

Stratford Drawings and Microfilm Lists

Description: There are approximately 16000 engineering drawings covering locomotives, carriages and wagons, components and a miscellaneous variety of objects. There is an associated and quite unique card index system related to the drawings and a set of registers.

System of arrangement: The engineering drawings have been sorted and listed in separate series based on the apparent practice of the drawing office at Stratford.

The main series of the drawings can be categorised into four main types:

1. Photo tracings on wax linen. These acted as a master from which copies could be made for other purposes.
2. Office copies. These were prints on paper, with the earliest using a cyanotype photo process for copying, sometime additionally coloured, and kept in the drawing office.
3. Shop copies. These were on a variety of materials tacked onto wooden rods and used in the workshops. They have survived in this condition and are inevitably uniformly dirty and frequently in poor condition.
4. Bench-hole copies. These were separate from the main series, as only about 20% originated at Stratford. Most came from external sources. Essentially they formed a technical reference library of ideas and suggestions. They were folded and stored flat in a pigeonhole system.

In total they comprise approximately 16000 drawings. There is duplication between the various series but the extent of this has not yet been appraised.

The main series of drawings runs potentially from 1 to 42459, plus 'attachments' and 'parts' drawings. Most of these drawings have not survived into the present, as a result of periodic culls of material.

It is known that there were other drawings in the LF series, covering Holden's experiments and developments regarding liquid fuels. It is believed that, although drawn up by Stratford staff, they were produced at Holden's personal cost. They too form part of the collection.

There are also drawings from the Supplementary Drawing Office, carriages, non-passenger rolling stock and diagrams and drawings from the Colne Valley and Halstead Railway.

Physical Characteristics: The engineering drawings are very variable in their condition, according to the type of drawing. Those listed as 'photo tracings' are generally on wax linen and in fair to good condition for handling, as are those listed as 'office copies'. Those listed as 'bench-hole copies' are stored flat, have been folded and are sometimes flimsy and require careful handling. Several are not suitable for handling at all.

However those listed as 'shop copies' are in generally very poor condition, attached to sticks, dirty and sometimes fragmentary, reflecting their history of use in the engineering works shop floor. These 'shop copies' will not generally be produced for researchers except in the most urgent and special circumstances. There may be alternatives in the photo tracings or office copies.

Administrative/biographical history: The Eastern Counties Railway (the fore-runner of the Great Eastern Railway) was incorporated in July 1836. Its original workshops were at Romford but in 1847 these were moved to Stratford. Stratford Works Drawing Office became the centre for engineering drawings for the Great Eastern Railway (formed in 1862) and its successors until it closed in 1963. The complex of workshops that gradually grew up at Stratford comprised locomotive, carriage and wagon works as well as associated specialist workshops.

Locomotive Superintendents at Stratford
(titled Chief Mechanical Engineer from 1915)

John Hunter 1846-1850
John Vivet Gooch 1850-1856
Robert Sinclair 1856-1866
Samuel Waite Johnson 1866-1874
William Adams 1874-1878
Massey Bromley 1878-1881
M Gillies (works manager –temporary) 1881-1882
Thomas William Worsdell 1882-1885
James Holden 1885-1907
Stephen Dewar Holden 1908-1912
A J Hill 1912-1923

It is notable that several of these names are more famously associated with other railway companies later in their careers: Johnson with the Midland Railway, Adams with the London and South Western Railway and Worsdell with the North Eastern Railway for example. Probably the most famous name associated with the Great Eastern Railway was James Holden and he certainly had the greatest impact in terms of the organisation and efficiency of the works, as well as the introduction of innovative designs such as the Decapod, a heavy duty 0-10-0 tank engine with unusually fast

acceleration from a standing start. Following the grouping of the railway companies in 1923, the London & North Eastern Railway's works were led by Nigel Gresley at Doncaster.

Around 1900 Arthur Chown became manager of the Drawing Office and carried out a major reorganisation of the office and its recording procedures. He designed a card index system based on a system he found described in the Patents' Office. A notebook he used at the time has survived in the collection at the North Woolwich Old Station Museum. The cards were kept in an oak cabinet, which was destroyed in 1963. The cards were in various sequences, one numerical and others to permit searching by categories. There were some 150000 cards in all, most of which have survived and are kept at the NRM. As part of the process of re-organisation the drawings were culled again, so that little survives from before 1875 other than a selection deemed to be of historical interest.

Following the grouping of railway companies in 1923 Stratford Works became part of the London & North Eastern Railway and reverted mainly to maintenance and repair, other than a short period of work on upgrading some locomotives. The final works were connected with the northeast London electrification. Periodically drawings were disposed of, while others arrived from other drawing offices in the LNER stable. In 1948, as a result of nationalisation of the railways, Stratford Works became part of the Eastern Region of British Railways and there followed a period of rationalisation of workshop capacity. In 1963 Stratford Works was closed and much of the work was transferred to Doncaster. At the time 2032 staff were employed in the locomotive repair works and 1498 in the carriage and wagon works.

In 1963 there was a procedure in place for disposal of records. Drawings considered 'historical' were removed to the British Transport Commission Museum of Transport at Clapham and these subsequently were passed to the National Railway Museum when it was set up in 1975. This included the office copies, shop copies and bench hole copies. The main series of photo tracings were centralised on Doncaster Works, but due to lack of space were subsequently moved to Darlington North Road Works along with the card index system. When Darlington closed in 1966 they were returned to Doncaster along with the remaining Darlington material. Here further sorting was done, with about 4500 drawings being sent to the museum at Clapham. The remaining drawings, some 9500, were sold for £50 to a model engineer, who later passed them on to the Great Eastern Railway Society. These have been deposited on loan at Essex County Record Office.

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-	L&NER Great Eastern Section 0-6-2 Type Superheated Tank Locomotives Class N7 Built 1925 Cylinders 18" by 24" General Arrangement	1" to 1' detailed general arrangement of engine. Copy of Robert Stephenson & Co., Ltd. Dg No 2.	-	1925	-	N7	PT	6	
-	L&NER Great Eastern Section 0-6-2 Type Superheated Tank Locomotives Class N7 Built 1925 Cylinders 18" by 24" Motion Arrangement	3" to 1' arrangement of motion Copy of Robert Stephenson & Co., Ltd Dg No 82	-	1925	-	N7	PT	6	-
-	Stratford Jubilee Engine Shed Proposed Connections	1' to 40' plan of connections to 6 roads on north side of shed My comment: drawing number and part of tracing missing					PT	66	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-	Proposed Addition of Bolsters and Stanchions to W.D. 45 and 40 Ton Bogie Wagons	½" to 1' outline side and end elevations of 40' bogie vehicles My note: no certainty this is a Stratford drawing	-	-	-	-	PT	77	-
-	General Arrangement of Water Tank, Well and Pumps at Ely	¼" to 1' elevations and plans of brick built water tower	12.10.80	1880	-	-	PT	122	-
----8	Six Wheels Coupled Goods Engines Class -- with Belpaire Firebox, Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine. Endorsed: altered 2.9.25 My comment: tracing damaged, part of title, number and end elevation missing	-	-	-	-	PT	52	-
1074	Screw Coupling for Timber Wagons	Full size arrangement of coupling used on bolster. Endorsed: superseded by Dg No 19105 dated 28.1.14	22.5.82	1882	-	-	PT	50	-
1445	Apparatus for Superheating Steam for Goods Engines as Used on the Eastern Counties Railway 1860	3" to 1' undimensioned elevations of apparatus	13.12.04	1904	-	-	PT	23	-
1633	ECR Company Arrangement of Express Engines with 16" Cylinders Class W	1½" to 1' sectional side and end elevations, tracing made c.1900	5.8.62	1862	W	-	PT	43	-
2733	Stratford Works ECR	Plan of works, track layout and building interiors c.1860, traced from earlier plan	17.10.14	1914	-	-	PT	2	-
2855 Part	Diagram of Tender of No 477 Class	1½" to 1' outline general arrangement with principal dimensions and sectional side	18.2.13	1913	T26	E4	PT	23	-
2929 -5	Wrought Iron Carriage Traverser 4ft 8½in gauge	1" to 1' plan, elevations and sections of traverser Copied from tracing supplied by Hydraulic Engineering Co. Ltd, Chester	- .2.75	1875	-	-	PT-C	2	-
2929 -15	Foundation for 10cwt 65ft Parcels and Book Lift, Liverpool Street Station GER-Hydraulic Installation No 15	½" to 1' plan and elevations of lift Endorsed: drawing number added 15.9.06 Copied from tracing supplied by Hydraulic Engineering Co. Ltd, Chester	6.3.99	1899	-	-	PT-C	2	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
2929 -18	10 Cwt Parcel & Book Lift 65ft GER Co.- Hydraulic Installation No 18	½" to 1' plan and elevations of lift, location not shown. Copied from tracing supplied by Hydraulic Engineering Co. Ltd, Chester	6.3.99	1899	-	-	PT-C	2	-
2929 -20	10cwt 50ft Hydraulic Lift, GER Liverpool Street-Hydraulic Installation No 20.	½" to 1' plan and elevations Copied from tracing supplied by Hydraulic Engineering Co. Ltd, Chester	6.3.99	1899	-	-	PT-C	2	-
2929 -21	Proposed Milk Lift GER-Hydraulic Installation No 21.	½" to 1' plan and elevations, lift at Liverpool Street, tinted tracing Endorsed: drawing number added 15.9.06 Copied from tracing supplied by Hydraulic Engineering Co. Ltd, Chester Dg No 560	6.3.99	1899	-	-	PT-C	2	-
2929 -17	Foundation and Frame for 14" x 16' Accumulator G.E.R. Co. Liverpool Street	½" to 1' tinted tracing, registered 6.3.99 Endorsed: drawing number added 15.9.06 Tracing supplied by the Hydraulic Engineering Company, Chester	-	1875	-	-	PT	30	-
2929 -19	Parcel Hoist, 10 Cwt 14' Lift G.E.R. Co	½" to 1' tinted tracing, registered 6.3.99 Endorsed: drawing number added 15.9.06 Tracing supplied by the Hydraulic Engineering Company, Chester	-	1875	-	-	PT	30	-
2929 -9	Proposed Method of Working Turntables for GER Terminus	1/8" to 1' plan of 2 sets of 4 turntables connecting to platform lines. Endorsed: Dg entered 6.3.99, dg no added 15.9.06 Tracing supplied by The Hydraulic Engineering Co., Chester	-	1875	-	-	PT	36	-
2929 -22	10Cwt Lamp Hoist GERly Co	½" to 1' arrangement of hoist. Tracing supplied by The Hydraulic Engineering Co., Chester	6.2.75	1875	-	-	PT	36	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
2929 -3	Water Cranes	Side elevation of two similar water cranes with cast columns and horizontal arms Endorsed: drawing number added 15.9.06 Dg by Johnson & Ellington, Chester	-	1875	-	-	PT	50	-
2929 -11	Foundations for 10" by 16" Pumping Engines GER Liverpool Street	¾" to 1' sections and plan. Endorsed: Hydraulic Installation No 11. Tracing supplied by Hydraulic Engineering Co Ltd, Chester	31.3.75	1875	-	-	PT	57	-
2929 -12	Key Plan for hoists GER Coy.	1/8" to 1' sectional view of subway beneath platforms and hoist positions and vertical boiler Endorsed: Hydraulic Installation No 12 Drawing supplied by Johnson & Ellington Engineers, Chester	-	1875	-	-	PT	57	-
2929 -24	10 Cwt Parcel Hoist 50Ft GER Coy	¾" to 1' sectional elevations. Endorsed: Hydraulic Installation No 24. Copied from tracing supplied by Hydraulic Engineering Co, Ltd, Chester	6.2.75	1875	-	-	PT	57	-
2929 -26	5 Cwt Hydraulic Hoist 65Ft Lift	½" to 1' arrangement of lift Endorsed: registered 6.3.99, drawing number added 15.9.06; Hydraulic Installation No 26. Drawing supplied by Johnson & Ellington Engineers, Chester	27.6.73	1873	-	-	PT	57	-
2929 -6	Proposed Arrangement of Hydraulic Hauling Plant for Traverser-Carriages, etc.	¾" to 1' plan of traverser spanning 5 lines with transverse section, located at Liverpool Street Drawing by Hydraulic Engineering Co Chester	-	1875	-	-	PT	97	-
2929		1" to 1' elevations of traverser (at Liverpool Street)							

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-7	Carriage Traverser	Endorsed: Hydraulic Installation No 7; drawing number added 15.9.06 Copy of Hydraulic Engineering Co Ltd, Chester drawing	-	1875	-	-	PT	101	-
2929 -10	Foundation for 6" x 12" Stroke Engines and Pump for GER Co.	Unscaled elevations and plan of foundation Endorsed: Hydraulic Installation No 10; drawing number added 15.9.06 Copy of Johnson & Ellington Engineers, Chester drawing	-	1875	-	-	PT	101	-
2929 -13	Plan of Engine House GER Co	¼" to 1' plan of pair of boilers and accumulators at Liverpool Street Endorsed: Hydraulic Installation No 13; drawing number added 15.9.06 Copy of Hydraulic Engineering Co Ltd, Chester drawing No 560	9.4.75	1875	-	-	PT	101	-
2929 -25	Platform for Milk Lift GER Co	½" to 1' elevations and plan Endorsed: Hydraulic Installation No 25; drawing number added 15.9.06 Copy of Hydraulic Engineering Co Ltd, Chester drawing No 560	20.9.75	1875	-	-	PT	101	-
2929 -4	Accumulator GER Co	Unscaled side elevation (for Liverpool Street) Endorsed: Hydraulic Installation No 4; number added 15.9.06	6.2.75	1875	-	-	PT	104	-
2929 -8	Three Cylinder Hydraulic Capstan- Brotherhood's Patent GER Co	Unscaled sectional view of capstan Endorsed: Hydraulic Installation No 8; number added 15.9.06 Hydraulic Engineering Co Ltd, Chester Dg No 10	-	1875	-	-	PT	104	-
2929 -23	Lamp Hoist GER	½" to 1' sectional elevations of hoist probably for signal lamps Endorsed: Hydraulic Installation No 23; drawing number added 15.9.06 Copy of Johnson & Ellington, Engineers Chester drawing	18.6.73	1873	-	-	PT	108	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
2929 -1	Engines, Boiler and Accumulator GER	½" to 1' undimensioned elevations and plan Johnson & Ellington Engineers, Chester drawing Endorsed: Hydraulic Installation No 1; drawing No added 15.9.06	-	1875	-	-	PT	112	-
2929 -2	Pumping Engines GER Co	Unscaled elevation of single cylinder stationary engine Hydraulic Engineering Co., Chester drawing Endorsed: Hydraulic Installation No 2; drawing No added 15.9.06	-	1875	-	-	PT	112	-
2929 -16	GER City Terminus-Foundation for 10Cwt 65Ft Parcels and Book Lift	½" to 1' undimensioned elevations and plan Endorsed: Hydraulic Installation No 16; drawing No added 15.9.06 Supplementary Dg No 560	-	1875	-	-	PT	112	-
3613	Plan of Wagon Hoist Brick Lane	1" to 70" plan of ground level area between granary and Artillery St showing position of hoist and layout	10.3.75	1875	-	-	PT	148	-
3911	General Arrangement of Gunpowder Van	1½" to 1' general arrangement of body of 16'8" iron plated van	- .11.93	1893	-	-	PT	121	-
3952	Plan of Hydraulic, Water and Drain Pipes and Gas Mains Liverpool Street Station	20' to 1" plan of area from Liverpool St to High St, Shoreditch showing platforms, outlines of buildings but no track	8.4.76	1876	-	-	PT	148	-
4212	Standard Slip Gear for Passenger Brake Van	Full size details of components and 3" to 1' arrangement of inside of brake compartment showing releasing lever Endorsed: see new tracing same number 18.2.26	11.5.88	1888	-	-	PT	113	-
4212	Standard Slip Gear for Passenger Brake Vans	Full size details of components and 3" to 1' arrangement of inside of brake compartment showing releasing lever	8.5.91	1891	-	-	PT	113	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
4212	Standard Slip Gear for Passenger Brake Vans	Full size details of components and 3" to 1' arrangement of inside of brake compartment showing releasing lever	2.6.93	1893	-	-	PT	113	-
4326	Arrangement of Cupolas for Iron-Foundry	¾" to 1' elevations and plan of bank of 3 cupolas	12.3.79	1879	-	-	PT	116	-
4533 Part	Sinclair's Four Wheels Coupled Engines Nos 307-416-Slide Valve	Full size details of valves	5.3.86	1886	Y	-	PT	119	-
4698	Coal Box	3" to 1' arrangement of 4 wheeled iron coal stage truck, 4' x 2'9¼" by 2'0 3/8" deep	13.5.98	1898	-	-	PT	13	-
4796	Sketch Showing the Relative Positions of the Footboards of the Main Line and the	3" to 1' part end elevation of two carriages.	10.7.79	1879	-	-	PT	13	-
4827	Stanchion for Communication Cord	Full size elevations of curved arm fitted to side of tender with eye to take cord	7.12.78	1878	-	-	PT	13	-
4830	Side Spring for Bogie	3" to 1' elevation and plan of rubber spring. Copied from a paper tracing of G.Spencer's tracing dated 8.11.78	15.1.79	1879	-	-	PT	13	-
4959	Bogie for Tank Engines ---- No 61 to 75 (?) 211 to 220 (No 76 to 80, 221 to 225) to Red	3" to 1' general arrangement of bogie for 0-4-4 tank My comment: tracing damaged around title	28.5.79	1879	61	-	PT	13	-
4964	Westinghouse Automatic Brake as Applied to 1st, 2nd and 3rd Class Carriages (27Ft Bodies)	3" to 1' arrangement in relation to wood carriage frame. For details see Dg No 4965	22.4.79	1879	-	-	PT	13	-
4965	Details for Westinghouse Brake as Applied to Third Class Carriages	Full size, tracing damaged. Endorsed: also for 6 wheel 31ft stock and brake vans; altered 1.11.82 and 21.4.84; note for reservoir band, safety hangers and clips see Attachment	22.4.79	1879	-	-	PT	13	-
5005	Westinghouse Automatic Brake for Passenger Brake Vans 15ft 3ins Wheelbase 26ft 11ins Underframe	1½" to 1' elevations and plan of equipment with wooden brake blocks	29.5.79	1879	-	508C	PT	113	-
5005	Westinghouse Automatic Brake for	3" to 1' elevations and plan of apparatus	24.7.79	1879	-	508C	PT	113	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
A	Passenger Brake Vans 26ft 0¾ins-Body Plan	3" to 1' elevations and plan of apparatus	24.7.79	1879	-	508C	PT	113	-
5006	Details Westinghouse Brake for Passenger Brake Van	Full size details of components	13.6.79	1879	-	-	PT	113	-
5006 Part	Details of Brake Work for Westinghouse Brake on Passenger Brake Vans	Full size details of 5 components	30.6.79	1879	-	508C	PT	114	-
5015	General Arrangement of Westinghouse Brake for Composite Carriage with	3" to 1' longitudinal section and plan of frame, iron brake blocks	- .7.79	1879	-	220C	PT	113	-
5016	Sections Corresponding with Drawing 5015 General Arrangement of Westinghouse Brake for Composite Carriage with Cleminson's Flexible Wheelbase	3" to 1' 2cross sections of frame and apparatus Endorsed: altered 12.11.87	- .7.79	1879	-	220C	PT	113	-
5026	Hose Connection for Westinghouse Brake	6" to 1' side elevation and plan of air hoses	17.7.79	1879	-	-	PT	113	-
5029	Arrangement of Westinghouse Automatic Brake for Sinclair's Composite Carriages 13ft	3" to 1' layout of equipment on underframe	17.7.79	1879	-	-	PT	113	-
5030	Details of Westinghouse Automatic Brake as Applied to Sinclair's Composite Carriages	Full size details of components Endorsed: other components as for third class carriages to Dg No 4965	26.7.79	1879	-	-	PT	113	-
5036	Wheel and Axle for 12 Tons Machine Truck	3" to 1' arrangement of 2'9" diameter spoked wheel and axle	14.10.82	1882	-	23W	PT	113	-
5037	Engine No 1570 Superheater	6" to 1' transverse section and plan of superheater only			1570	-	PT	113	-
5043	General Arrangement of Ballast Wagon	1½" to 1' general arrangement of 11'2" long 2 plank dumb buffer wagon Endorsed: altered 16.10.85	4.8.85	1885	-	39W	PT	109	-
5055	Details of Ironwork for Ballast Wagon	3" to 1' details of components for 12' dumb buffer wagon	4.6.85	1885	-	39W	PT	142	-
5055	Ironwork for Ballast Wagon	3" to 1' details of components for dumb buffered vehicle Endorsed: cancelled see tracing same number dated 4.6.85	- .8.79	1879	-	39W	PT	144	-
5063 Part	Cast Steel Traverser Wheels	6" to 1' elevations and section of 12" dia wheel Endorsed: Wagon Department Steam Traverser	30.12.91	1891	-	-	PT	102	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5192	General Arrangement-Express Engines Nos 245-254	1½" to 1' sectional side elevation and plan of 4-2-2 engine My comment: some damage to right hand side of tracing but no loss of detail	- .8.79	1879	245	-	PT	130	-
5288	General Arrangement of Tenders for Express Engines Nos 245-254	1½" to 1' arrangement of 3066 gallons capacity tender	- .8.79	1879	H14	-	PT	112	-
5299 Part	Cast Steel Spring Hangers for Tender Class H14	Full size arrangement My comment: Stores ordering tracing	-	-	H14	-	PT	51	-
5299 Part	Cast Steel Spring Hanger Brackets Tender Class H14	Full size arrangement My comment: Stores ordering tracing	-	-	H14	-	PT	51	-
5304	Express Tenders Nos 245-254, 600-609, H14 & 37 Class Except the Last Tenders-Brake	Full size details of components Endorsed: for B15 see Dg No 6205	- .8.79	1879	H14 Y14	-	PT	142	-
5305	Express Tenders Nos 245-254, 600-609, H14 37 Class-Brake Shaft and Adjusting Nut	Full size details of shaft and nut Endorsed: for brake shaft and levers for B15 and all future tenders see Dg No 6639 30.7.84	- .8.79	1879	H14 Y14	-	PT	142	-
5307	Express Tenders Nos 245-254, 600-609, H14 37 Class & B15-Brake Details	Full size elevations and details of components Endorsed: work to red dimensions Nos 600-609; see also Dg No 5183	- .8.79	1879	H14 B15 Y14	-	PT	142	-
5347	Westinghouse Automatic Brake for Engines and Tenders Nos 305 & 306	1½" to 1' elevations and plan of brake arrangement on outline of engine	21.10.79	1879	C8	-	PT	142	-
5348	Details of Westinghouse Automatic Brake-Engines and Tenders for Nos 305 & 306	3" to 1' and full details and fittings Endorsed: this cylinder and cover with piston for engines No 1 Class fitted with WAB piston rod and spindle to be made to Dg No 5614	8.10.79	1879	C8	-	PT	142	-
5402	Arrangement of Westinghouse Brake for Sinclair's Express Nos 284, 285 and 288	1½" to 1' arrangement shown in relation to outline of engine	4.11.79	1879	W	-	PT	103	-
5403	Details of Westinghouse Brake for Sinclair's Express Engines Nos 284, 285 and 288	3" to 1' details of components required Endorsed: altered in red 10.9.80	19.11.79	1879	W	-	PT	103	-
5403 Part	Alteration to Outside Frame Stay Trailing End with Brake Block Hanger Bracket for	Full size detailed elevations and plan	26.11.79	1879	W	-	PT	103	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5432	Standard Drawhook for Passenger Engines and Tenders	Full size elevation and plan with dimensions for various classes Endorsed: see new Dg No 5941 for passenger and goods tender drawhook and rubbers; cancelled see Dg No 6633 My comment: Tenders struck out in title and replaced by Goods Engines	2.6.80	1880	-	-	PT	103	-
5441	Parkeston Engine Shed and Sidings	66' to 1" of shed, turntable and coaling stage adjoining main line	15.10.83	1883	-	-	PT	103	-
5449	Underframe for 31'6" Carriage Stock with Westinghouse Automatic Brake	1" to 1' arrangement of 6 wheel underframe with brake gear	13.1.80	1880	-	-	PT	38	-
5453	Centre Axlebox for 6 Wheeled Composite Carriages 31'6" Stock	Full size elevations and plan of axlebox type 'D'	15.1.80	1880	-	-	PT	102	-
5453	Centre Carriage Axlebox	Full size elevations and plan of axlebox type 'D'	7.11.92	1892	-	-	PT	102	-
5453 -1 Part	Cast Iron Carriage 'D' Axlebox Tops	Full size elevations and plan	23.2.91	1891	-	-	PT	103	-
5453 -2 Part	Cast Iron Carriage 'D' Axlebox Bottoms	Full size elevations and plan	25.2.91	1891	-	-	PT	103	-
5455	Stop Cock for Break Vans-Main Line Fitted with Westinghouse Break	Full size details Endorsed: altered from Dg No 5362 to Dg No 5455 28.6.88	4.9.82	1882	-	-	PT	103	-
5457	Centre and End Springs for 31'6" Carriage Stock	Full size arrangement of springs 7' centres	9.1.83	1883	-	-	PT	103	-
5462	Westinghouse Automatic Brake Fitted to Underframes of Brake Vans 31'6" Carriage Stock	1" to 1' arrangement of brake rigging and equipment on wood frame	3.1.80	1880	-	509C	PT	106	-
5463	Hand Brakework Details for 31'6" Brake Vans Fitted with Westinghouse Automatic Brake	Full size components, brake column 6" to 1'. Endorsed: altered 1.11.82 My comment: part of right hand margin missing	16.2.80	1880	-	-	PT	104	-
5468	Door for First Class Carriages	3" to 1' interior and exterior elevations and section of 5'8¾" door	19.2.80	1880	-	-	PT	104	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5469	Door for Second Class Carriages	3" to 1' interior and exterior elevations and section of 5'8¾" door Endorsed: door for third class similar to above with the exception of figures	20.2.80	1880	-	-	PT	104	-
5470	Standard Screw Coupling	Full size as applied to engines and tenders Endorsed: altered to green 14.6.80 and 31.1.83	26.2.80	1880	-	-	PT	104	-
5477	Doors for Passenger Brake Vans 31Ft 6Ins Stock	3" to 1' elevations and section of pair of doors	10.3.80	1880	-	509C	PT	96	-
5483	Wagon Wheel with Hydraulic Bossed Centre	6" to 1' arrangement and details of 3'1" diameter 8 spoke wheel, 8" x 3¾" journals at 6'7½" centres	9.4.80	1880	-	-	PT	94	-
5483	Wagon Wheel with Hydraulic Bossed Centre	6" to 1' arrangement and details of 3'1½" diameter 8 spoke wheel, 8" x 3¾" journals at 6'7½" centres	29.9.83	1883	-	-	PT	94	-
5484	Standard Wagon Axlebox 'A'	Full size elevations, plan and sections for journal 8" x 3¾" Endorsed: altered for 10 Ton Machine truck 21.8.82	12.4.80	1880	-	-	PT	94	-
5491	Standard Carriage Stock Axlebox	Full size elevations, plan and sections Endorsed: altered 20.5.86; superseded by new tracing (same number)	23.4.80	1880	-	-	PT	94	-
5491	Standard Carriage Axlebox 'B'	Full size elevations, plan and sections for journal 8" x 3¾" Endorsed: superseded by tracing same number retraced 25.6.43; several modifications up to 1941 My comment: tracing torn but complete	5.9.04	1904	-	-	PT	94	-
5501	Cylinder and Release Springs for Westinghouse Brake	Full size details of two helical springs for carriage stock	1.11.83	1883	-	-	PT	97	-
5503	Springs	Full size 4 plate spring 3'5½" centres	16.4.86	1886	-	-	PT	94	-
5514	General Arrangement of Wool Wagon	1" to 1' general arrangement of 22'10" wagon	10.6.80	1880	-	11W	PT	122	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5514	General Arrangement of wool wagon	Endorsed: for alteration to D&P794 and N26 see Dg No 7928	10.6.80	1880	-	11W	PT	122	-
5515	Details of Ironwork for Wool Wagon	3" to 1' details of components, brake gear one side only	- .6.80	1880	-	11W	PT	122	-
5567 A	Plan of Goodmans Yard Shewing Arrangement of Additional Dummies and	1/8" to 1' plan of warehouse at ground level showing sidings and docks	22.2.82	1882	-	-	PT	148	-
5568	General Arrangement of Water Tank, Well and Pumps at Ely	¼" to 1' elevations, sections and plan of 39ft high water tank on a brick base and layout of pumps and pipework from well	13.10.80	1880	-	-	PT	-	-
5568	General Arrangement of Water Tank, Well and Pumps at Ely	¼" to 1' elevations, sections and plan of 39ft high water tank on a brick base and layout of pumps and pipework from well	13.10.80	1880	-	-	PT	-	-
5642	Trolley for Wheel Tyre Shop	3" to 1' arrangement of 1'6" gauge trolley	18.5.81	1881	-	-	PT	87	-
5732	General Arrangement of 10 Ton Goods Brake	1½" to 1' general arrangement of 16' van, 9' wheelbase My comment: some damage by gum penetration from sellotape, no loss of detail	23.5.82	1882	-	-	PT	129	-
5753	Arrangement and Details of Brake Work for 10 Tons Brake Vans	3" to 1' arrangement shown on part of underframe with details of components Endorsed: altered 5.5.85	30.8.81	1881	-	-	PT	86	-
5758	General Arrangement Six Wheels Coupled Goods Engines Nos 552-561	1½" to 1' elevations and plan	24.8.81	1881	552	-	PT	71	-
5762	Arrangement of Couplings for Westinghouse Brake	3" to 1' showing two coupled carriages and screw coupling Endorsed: altered 20.10.81	10.9.81	1881	-	-	PT	87	-
5763	Bogie Tank Engines Nos 140-149-General Arrangement	1½" to 1' sectional side elevation and plan of 0-4-4 tank Copy of R&W Hawthorn & Co drawing	20.7.81	1881	140	-	PT	124	-
5887	Dixon's Patent Injector No 8	Full size dimensioned arrangement	29.4.82	1882	-	-	PT	20	-
5888 -1	Plan of Stratford Works	1" to 66' plan of buildings only Endorsed: names in red added 24.7.94	26.6.91	1891	-	-	PT	20	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5888-2	Plan of Stratford Works	1" to 1chain plan showing buildings only.	- .3.85	1885	-	-	PT	20	-
5888-3	Part Plan of Stratford Works Showing Present Requirements for Locomotive	Unscaled, proposals for 6 road running shed with another 6 outlined	7.3.83	1883	-	-	PT	21	-
5895	Safety Chain for Tenders	Full size elevation of 5 link chain and hook. Endorsed: see tracing same number for prints sent to Messrs. Beardmore & Co	18.2.14	1914	-	-	PT	20	-
5935	Whistle Class S46 Type B12 and 1500	Full size elevation and plan Endorsed: see later copy same number dated 6.53	10.1.82	1885	-	-	PT	20	-
5955	General Arrangement of Carriage Truck	1½" to 1' general arrangement of 16' wood framed open truck	27.2.82	1882	-	3M	PT	169	-
5960	Combined Mail, Drovers & Brake Van	1½" to 1' general arrangement of 16' goods brake	21.4.82	1882	N14	-	PT	169	-
5961	Furnace for Brazing Tubes	1½" to 1' elevations of furnace with 3" and 6" details of components	7.7.91	1891	-	-	PT	144	-
5963	First Class Carriage with 6 Wheels	1" to 1' general arrangement of 31'6" carriage with 4 compartments	21.2.82	1882	-	102C	PT	170	-
5964	General Arrangement of Composite Carriage with Six Wheels	1" to 16 general arrangement of 31'6" carriage with 4 compartments and luggage compartment	23.2.82	1882	-	200C	PT	170	-
5965	Second Class Carriage with Six Wheels	1" to 1' general arrangement of 31'6" carriage with 5 compartments	2.3.82	1882	-	303C	PT	170	-
5966	Third Class Carriage	1" to 1' general arrangement of 5 compartment carriage Endorsed: cancelled see Dg No 6229 22.1.83	21.3.82	1882	-	402C	PT	169	-
5967	Arrangement of Round Ended Goods Wagon	1 ½" to 1' arrangement of 15' 3 plank open wagon with rounded ends	6.10.83	1883	-	-	PT	178	-
5969	Details of Ironwork for 6 Wheel Carriages	3" to 1' details of components for body and underframe Endorsed: altered for general vans 1700 Class 21.4.21	13.3.82	1882	-	-	PT	78	-
5970	Steam Brake Valve	Full size arrangement	8.2.82	1882	-	-	PT	78	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5970	Steam Brake Valve	Endorsed: cancelled see Dg 5983	8.5.22	1922	-	-	PT	78	-
5979	First Class Carriage with Four Wheels	1" to 1' general arrangement of 27' carriage with 4 compartments	25.3.82	1882	-	100C	PT	170	-
5980	Second Class Carriage	1" to 1' general arrangement of 5 compartment carriage	21.3.82	1882	-	302C	PT	169	-
5981	Third Class Carriage-Suburban	1" to 1' general arrangement of 27' carriage with 5 compartments	24.3.82	1882	-	402C	PT	170	-
5982	Suburban Composite Brake Van	1" to 1' general arrangement of 27' 2 compartment brake third	25.3.82	1882	-	503C	PT	169	-
5984	Westinghouse Automatic Brake for Suburban Composite Brake Vans 1882 Stock	1½" to 1' elevations and plan of underframe with brake gear	27.4.82	1882	-	-	PT	122	-
6027 Part	Steel Safety Valve Springs	Full size stores ordering tracing Superseded by Dg No 6027-1 dated 26.11.24	11.5.11	1911	-	-	PT	27	-
6053	Gas Reservoirs	3" to 1' plans of 1'4½", 1'6½" and 1' 8½" dia. carriage reservoirs 6'2½" long with full size details of riveting	4.11.82	1882	-	-	PT	137	-
6073	General Arrangement-Four Wheels Coupled Express Engine	1½" to 1' sectional side elevation and plan of 2-4-0 engine	23.2.83	1883	G14	-	PT	130	-
6101	GN&GN Murrow	50' to 1' plan of station and rail level crossing Copy of Engineers Plan No 16099	-	1882	-	-	PT	73	-
6105	GNR Doncaster Carr-Proposed Additional Sidings, Etc.	1" to 3 chains showing part of LNWR shed and site for proposed GER shed	-	1882	-	-	PT	73	-
6108	Proposed Junction Between Coal Sidings and Old Victoria Park Branch	1" to 1 chain of Stratford area west of gas works, coal sidings lie south of the new running shed	27.6.82	1882	-	-	PT	73	-
6114	Westinghouse Automatic Brake for Suburban Four Wheeled Carriages 15' Wheelbase 1882 Stock	1½" to 1' arrangement of brake gear shown on outline of underframe for 27' stock Endorsed: altered 21.8.84	4.4.82	1882	-	-	PT	92	-
6116	Details of W Brake Indicator for Main and Suburban Carriages and Brake Vans 15'3"	Full size arrangement of Westinghouse brake indicator rod beneath underframe	18.5.82	1882	-	-	PT	92	-
6117	Westinghouse Automatic Brake for Main Line 4 Wheel Carriages 15'3" Wheelbase	1½" to 1' outline of underframe with brake details for 27' stock	19.5.82	1882	-	-	PT	92	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6121	Design for New Running Shed Lowestoft	1/8" to 1' plan and elevations of 4 road shed 180' long	31.5.82	1882	-	-	PT	92	-
6121 A	Design for New Running Shed Lowestoft	1/8" to 1' plan and elevations of 4 road shed 180' long with detail differences to Dg 6121	12.7.82	1882	-	-	TI	92	-
6123	Details of Ironwork for Underframe and Brake for 12Ft Wheel Centres Batten Wagon 1882 Stock	3" to 1' details of ironwork Endorsed: for arrangement see Dg 3335	16.6.82	1882	-	-	PT	92	-
6124	Main Line Brake	1" to 1' general arrangement of body and underframe of 27'0¼" brake	14.6.82	1882	V13	508C	PT	99	-
6125	General Arrangement of High Sided Wagon 15Ft Over Headstocks 9Ft 6Ins Centres of	1½" to 1' general arrangement of 15' 4 plank wagon	16.6.82	1882	-	-	PT	92	-
6126	Details of Wrought and Cast Iron for High Sided Wagon 1882 Stock	1½" to 1' details of ironwork for 15' open wagon Endorsed: for arrangement see Dg No 6125; altered 29.7.86	21.7.82	1882	-	-	PT	92	-
6127	General Arrangement of Covered Goods Wagon	1½" to 1' general arrangement of 16' van Endorsed: drawing cancelled 20.12.99 see copy Dg No 11087	20.6.82	1882	-	-	PT	92	-
6128	Details of Ironwork for Covered Goods Wagons	3" to 1' details of ironwork for 16' van Endorsed: cancelled 20.12.99 see copy Dg No 11088	29.6.82	1882	-	-	PT	92	-
6130	Doors for Main Line Brake Van	3" to 1' elevations and section of pair of doors, 'all timber used in the construction of these doors to be teak' Endorsed: for sunk panel and ventilator see outside elevation and section of end door altered 18.1.83	27.6.82	1882	-	-	PT	92	-
6132	Two Horse Omnibus	1½" to 1' arrangement of bus, body 8'3" over mouldings	5.7.82	1882	-	-	PT	38	-
6134	General Arrangement of Cattle Wagon 19Ft over Headstocks, 10Ft 6Ins Wheel Centres	1½" to 1' general arrangement drawing.	14.7.82	1882	P14	6W	PT	38	-
6137	Composite Lavatory Carriages 34ft Long	1" to 1' outline elevation and plan of body	11.7.82	1882	-	201C	PT	2	-
6138	One Horse Omnibus	1½" to 1' general arrangement of bus with 5'6½" body with interior details	14.7.82	1882	-	-	PT	129	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6139	Six Wheels Coupled Goods Engines 17½in Cylinders 24in Stroke, Wheels 4ft 10ins Diameter Y14, K15	1½" to 1' side elevation and plan of engine. My comment: tracing damaged part of side elevation of bunker missing	- .7.82	1882	Y14 K15	J15	PT	47	-
6141	Six Wheels Coupled Goods Engines 37-41, 119-124, 592-599 Y14, K15-Boiler	1½" to 1' general arrangement of boiler, full size riveting details	9.2.84	1884	Y14 K15	J15	PT	58	-
6142	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14 and K15	6" to 1' and full size details Amended 16.4.83 and 25.7.39	4.9.82	1882	Y14 K15	J15	PT	35	-
6143	Six Wheels Coupled Goods Engines 37-41, 119-124, 592-599 Y14-Arrangement of Cylinder Cock and Sand Box Gear, Clothing,	1½" to 1' general arrangement Endorsed: amended 11.10.99	8.1.83	1883	Y14	J15	PT	58	-
6149	Six Wheels Coupled Goods Engines 37-41, 119-124, 592-599 Y14, K15-Cab	1½" to 1' arrangement and full size details of cab Endorsed: altered 6.11.83 and 1.2.89	3.11.82	1882	Y14 K15	J15	PT	58	-
6151	Arrangement of Smokebox of Engines Nos 37-41, 119-124, 592-599 Y14, K15	3" to 1' sectional side elevation and front elevation of smokebox K15 Endorsed: altered: 18.7.83	23.10.82	1882	Y14 K15	J15	PT	129	-
6155	Six Wheels Coupled Goods Engines 37-41, 119-124, 592-599 Y14, K15-Cast Iron Hind Platform	3" to 1' arrangement shown in relation to trailing wheel and end of frame Endorsed: altered 27.2.83 and 25.4.96	15.9.82	1882	Y14 K15	J15	PT	58	-
6156	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 Y14, K15-	3" to 1' elevations and plan of motion, less cylinders. 4'10" wheels	7.11.82	1882	Y14 K15	J15	PT	47	-
6181	Arrangement of Brakework for Tenders, Engines Nos 37-41, 119-124, 592-599	1½" to 1' arrangement of brake shown on outline of frame	23.9.82	1882	Y14 K15	J15	PT	129	-
6182	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599-Ashpan Y14, K15	3" to 1' arrangement and details	18.12.82	1882	Y14	J15	PT	28	-
6188	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 Y14, K15	1½" to 1' sectional side elevation of cab, footplate and hind wheels and sectional end elevation showing firebox end Endorsed: altered: 7.3.85	16.3.83	1883	Y14 K15	J15	PT	129	-
6195	Six Wheels Coupled Goods Engines 37 Class Y14, K15-Arrangement of Feed Pipe	1½" to 1' elevation and plan of feed pipe and cock	6.2.83	1883	Y14 K15	J15	PT	142	-
6213	General Arrangement Six Wheels Coupled Goods Engines	1½" to 1' elevation and plan of engine My comment: badly damaged drawing with loss of cab detail	23.11.83	1883	Y14	J15	PT	71	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6217	Four Wheels Coupled Tank Engines Class M15-Casing for Safety Valve	Full size arrangement Endorsed: see new drawing same number 23.10.09	20.7.85	1885	M15	F4	PT	128	-
6225 Part	Proposed Extension of Locomotive Yard, Stratford	Unscaled, plan of area north of Channelsea river and Victoria Park branch behind	23.10.89	1889	-	-	PT	27	-
6229	Main Line Composite Brake	1" to 1' general arrangement of 27' body	1.8.82	1882	-	507C	PT	65	-
6231	Special Saloon Carriage	½" to 1' elevation and plan of 45' body Endorsed: not carried out	24.7.82	1882	-	-	PT	58	-
6234	Mishap Near Ely 28.7.82	12' to 1" plan of derailed train and damage to track	8.8.82	1882	-	-	PT	120	-
6241	Westinghouse Automatic Brake for Main Line Brake Vans for 1882 Stock	1½" to 1' arrangement of brake gear shown on outline underframe My comment: tracing torn but complete	29.8.82	1882	-	-	PT	92	-
6243	Arrangement of Bolster Timber Wagon 7Ft Centres of Wheels 1882 Stock	1½" to 1' general arrangement, length 12'2"	8.9.82	1882	C14	-	PT	58	-
6251	Main Line Loading and Construction Gauge	1" to 1' profile with dimensions	21.9.82	1882	-	-	PT	104	-
6254	Broken Bogie No 97 Engine	3" to 1' sectional elevations and plan of pivot and casting	11.10.82	1882	E10	-	PT	104	-
6262	General Arrangement of 12 Ton Machine Truck 18Ft over Headstocks 1882 Stock	1 ½" to 1' elevations, plan and section of 18' wagon with timber frame	13,10,82	1882	-	23W	PT	178	-
6265	General Arrangement of Water Column	1½" to 1' arrangement of column 16'9" high Endorsed: for foundations see Dg No 6732	8.11.82	1882	-	-	PT	106	-
6267	Diagram Showing Maximum Rolling Stock Dimensions	½" to 1' diagram of maximum loading and construction gauges with dimensions	9.11.82	1882	-	-	PT	104	-
6268	Arrangement of Seat for Main Line and Brake Van and Third Class Carriages	1" to 1' part section view of compartment showing construction of seat and furnishing	10.11.82	1882	-	-	PT	104	-
6270	Special Saloon Carriage	½" to 1' outline elevations and plan of 50' 8 wheeled saloon.	- .11.82	1882	-	-	PT	54	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: not carried out							
6279	General Arrangement of Horse Box	1" to 1' arrangement of 16' body with sections	21.2.83	1883	-	15M	PT	178	-
6280	Special Saloon Carriage No 10	½" to 1' exterior elevations of 53' saloon, longitudinal section and plan of interior arrangement Endorsed: general arrangement to Dg No 6298 My comment: the 6 wheel bogies with 5'6" centre wheelbase have been cut out of tracing, not erased	18.12.82	1882	-	8C	PT	-	-
6284	Section of Seat for Second Class Compartment in Composite Carriage with Six Wheels	1" to 1' sectional elevation of half compartment showing details of upholstery and curtains	3.7.86	1886			PT	-	-
6302	GN and GE Joint Line-Proposed Sidings and Engine Shed at March	1" to 50' plan of yard from Whitemoor Junction signal box, north of Norwood Road bridge, to beyond transhipping shed and signal box 'B' west of main line showing coal stage, turntable and proposed 10 road engine shed	19.2.83	1883	-	-	PT	-	-
6369	General Arrangement-Tram Engine	1½" to 1' detailed elevations and plan, 16'6" frame My comment: tracing torn but no loss of detail	19.11.83	1883	G15	Y6	PT	48	-
6369 Part	Arrangement of Smokebox End of Tram Engine	1½" to 1' sectional end elevation	26.11.83	1883	G15	Y6	PT	71	-
6390	Diagram of East London Railway and Connections	Diagrammatic layout of running lines and connections, intended to be coloured to denote the 7 separate ownerships Copy of East London Railway plan dated 28.11.84	- .11.84	1884	-	-	PT	58	-
6391	East London Line Gradient Diagram Section	3" to 1' scale. Copy of LB&SCR drawing	- .9.84	1884	-	-	PT	16	-
6393 Part	GER Enfield Platform-Showing Proposed Alterations	Unscaled plan showing track alterations at terminal end of station	17.3.85	1885	-	-	PT	2	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6393	Enfield Platform Showing Proposed Alterations	33' to 1" plan of platform adjoining engine shed	17.3.85	1885	-	-	PT	61	-
6397	Plan of Hertford Engine Shed and Yard.	33' to 1" plan of layout and proposed 40' turntable to replace existing in front of shed Traced from Engineer's Copy, Liverpool Street 4.12.85	5.12.85	1885	-	-	PT	13	-
6398	Central Junction at Stratford	40' to 1" plan of Central signal box area. My comment: no dimensions or lettering, possibly unfinished	-	1883	-	-	PT	68	-
6402	Counter Shaft in Grinding Shop	Full size detail of Metaline bush in 4 sections	20.3.83	1883	-	-	PT	137	-
6411	Thetford Pumping	Full size details of casting for unspecified purpose	18.4.83	1883	-	-	PT	95	-
6427	General Arrangement of Cattle Waggon 16Ft	1½" to 1' general arrangement	13.9.83	1883	-	3W	PT	68	-
6429	General Arrangement Express Engines No 600-609	1" to 1' sectional elevation and plan of 4-2-2 engine	-	1883	600	-	PT	68	-
6627	GER Parkeston Engine Shed, etc.	1" to 8' plan and elevations of 4 road shed	-	1883	-	-	PT	34	-
6628	Yarmouth Vauxhall Proposed New Engine Shed	1/8" to 1' plan and elevation of shed to amended length 180'. Copy of Engineers plan No 16500 25.5.83	- .5.83	1883	-	-	PT	5	-
6629	GER March-New Station-Proposed New Engine Shed	1/8" to 1' plan of shed, sectional end elevation and track plan, coal stage and turntable	18.9.83	1883	-	-	PT	5	-
6630	GER Fenchurch Street Station-Proposed Engine Pits and Water Columns	1/16" to 1' plan of platform and Goodmans Yard Area Copy of Engineer's Dg 16958 dated 28.9.83	28.9.83	1883	-	-	PT	90	-
6649	Arrangement of Whole Sided Door Wagon	1½" to 1' general arrangement of 16' dropside 3 plank wagon, 9'6" wheelbase, 1'9" deep	1.9.83	1883	-	-	PT	72	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6673	Four Wheels Coupled Tank Engines Class M15-Tanks, Cab and Coal Bunker	1½" to 1' detailed arrangement and plate dimensions. Endorsed: superseded by Dg No 15011 12.6.07 for class C59	15.7.83	1883	M15 C59	F4	PT	47	-
6675	Four Wheels Coupled Tank Engines Class M15-Boiler	1½" to 1' boiler arrangement on outline of frame, full size details of riveting	27.6.85	1885	M15	F4	PT	47	-
6676	Four Wheels Coupled Tank Engines- Arrangement of Westinghouse Brake	1½" to 1' arrangement of brake on outline of engine	- .6.85	1885	M15	F4	PT	121	-
6684	Four Wheels Coupled Tank Engines Classes M15 & E16-Arrangement of Joy's Valve	3" to 1' elevations and plan, including cylinders	23.2.85	1885	M15 E16	F4	PT	47	-
6686	Four Wheels Coupled Tank Engines Class M15-Reversing Screw	Full size detailed arrangement. Endorsed: altered 25.3.87	10.7.85	1885	M15	F4	PT	34	-
6687	Four Wheels Coupled Tank Engines Class M15-Arrangement of Ashpan	3" to 1' detailed arrangement as fitted to engine Endorsed: altered 29.7.30	31.7.85	1885	M15	F4	PT	34	-
6698	Four Wheels Coupled Tank Engines- Smokebox Arrangement	3" to 1' side and end elevations of smokebox and cylinders	- .8.85	1885	M15	F4	PT	106	-
6707	General Arrangement of Four Wheels Coupled Tank Engines	1½" to 1' detailed side elevation and plan of engine	10.10.84	1884	G16	-	PT	175	-
6709	Manhole and Cover and Air Pipes for Coal Bunker Tank Engines Class M15 and E16	1½" to 1' arrangement and full size details			M15 E16	F4	PT	78	-
6712	Enfield	1" to 33' survey of station area and one island platform	19.12.84	1884	-	-	PT	78	-
6714	Loughton	1" to 1 chain survey of passenger station and goods yard	19.11.84	1884	-	-	PT	78	-
6716	Foulsham-Proposed Pump House and Engine Shed	1" to 40' plan of station with shed at western end of yard near cattle pens and 6,200 gallon capacity water tank Endorsed: No 1 Scheme	8.4.84	1884	-	-	PT	78	-
6716 A	Foulsham-Proposed Pump House and Engine Shed	1" to 40' plan of station with shed at western end of yard near cattle pens and 7,600 gallon capacity water tank Endorsed: No 2 Scheme	19.5.84	1884	-	-	PT	78	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6724	Main Line Brake Van and Third Class Carriage	1" to 1' general arrangement of 2 compartment 27' brake third with bird cage roof	24.9.83	1883	-	504C	PT	79	-
6730	Arrangement of Couplings Between Brake Van and Slip Carriage	1" to 1' sectional elevation of brake end showing lever and hose couplings and 2'3"	12.10.83	1883	-	-	PT	78	-
6730	Arrangement of Couplings Between Brake Van and Slip Carriage	1" to 1' sectional elevation of brake end showing lever and hose couplings	19.10.83	1883	-	-	PT	78	-
6763	Wisbech Tramway Town Scheme-Plan of Car on Curve in Market Place	¾" to 1' plan of proposed track layout with 0 4-0 tram engine and 20' 4 wheel Millwall tramcar on 1 chain radius curve	5.1.84	1884	-	-	PT	2	-
6799	General Arrangement of Compound Express Engine	1½" to 1' sectional side, end elevation and plan of engine	1.1.85	1885	G16	-	PT	2	-
6802	Cross Section Through Smokebox Compound Express Engine	3" to 1' sectional front elevation of engine with dimensions	1.1.85	1885	-	-	PT	40	-
6807	Standard Engine Disc	Full size disc, 1'2¾" diameter with top handle and square pin at bottom	5.2.84	1884	-	-	PT	40	-
6814	Thorp Station Clacton on Sea Railway	40' to 1" outline plan of station area, 2 water columns, water tank and mains	15.3.84	1884	-	-	PT	40	-
6814 A	Thorpe Station Clacton on Sea Railway	40' to 1" outline plan of station area showing signals	26.1.84	1884	-	-	PT	40	-
6829	Luggage Van Wisbech Tramway	1" to 1' general arrangement of van and underframe Endorsed: built 1884	- .2.95	1895	Y16	604C	PT	43	-
6838	Foulsham Shed	¼" to 1' elevations and plan of single road shed 92'9" long with 7,600 gallons water tower	29.4.84	1884	-	-	PT	173	-
6839	Collision at Haddiscoe	33' to 1' plan of site west of station	1.5.84	1884	-	-	PT	40	-
6847	28Ft Bogie Tramcar	1" to 1' general arrangement of body and bogies Endorsed Corrected and redrawn 12.2.95, further revised 8.4.03	12.2.95	1895	A17	602C 603C	PT	43	-
6850	Tramcar	1" to 1' general arrangement of 4 wheel composite tramcar 17'11" over body	1.5.88	1888	A17	602C 603C	PT	169	-
6852	Run Off at Wickham Bridge on 21.3.84	1" to 40' plan of engine No 238 on divided goods train	9.5.84	1884	-	-	PT	83	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6855	Collision at St Ives on 24.3.84	1" to 15' plan of collision between Huntington passenger train and engine No 94 and goods train leaving siding	20.5.84	1884	-	-	PT	83	-
6863	Collision in Peterborough Carriage Arcade on 15.4.84	3¾" to 1 chain plan showing 'GER mail train after collision of MR and in collision with GER pilot engine'	23.6.84	1884	-	-	PT	83	-
6868	Standard Dome Casing	Full size half sectional elevation	7.7.84	1884	-	-	PT	83	-
6868 Att	Dome Casing B77 Class	Full size half side sectional elevation	15.7.14	1914	B77	Y4	PT	83	-
6877	Water Tank at Parkeston	1" to 1' elevations and plan of cast iron tank on 4 columns	- .10.84	1884	-	-	PT	87	-
6892	Main Line 31Ft 6In Brake Class K16	1" to 1' general arrangement of 6 wheel carriage	25.8.84	1884	K16	506C	PT	58	-
6895	Plateglass Trolley GNR	1½" to 1' general arrangement of 12' long horse drawn trolley to carry crates of glass in upright position	- .9.84	1884	-	-	PT	129	-
6899	General Arrangement of 19Ft Egg Truck	1½" to 1' general arrangement of 19' wood framed wagon 10'6" wheelbase and full size section through crib rail Endorsed: superseded by Dg No 6899 3.98	- .11.84	1884	C18	13W	PT	129	-
6899	General Arrangement of 19Ft Egg Truck	1½" to 1' general arrangement of 19' wood framed open top truck	- .3.98	1898	I48	13W	PT	169	-
6921	Main Line Composite Carriage	1" to 1' general arrangement of 34' body and interior plan	14.11.84	1884	F16	202C	PT	64	-
6927	Traverser for Norwich	1" to 1' general arrangement of 28' traverser on 4' diameter wheels Endorsed: for details see Dg No 6928	- .11.84	1884	-	-	PT	106	-
6935	Arrangement of Westinghouse Brake for Engines Nos 11-19, 81-86	1½" to 1' arrangement of brake gear shown on outline elevations and plan of engine	- .4.85	1885	T7	-	PT	96	-
6937	Proposed One Horse Omnibus	1 ½" to 1' side elevation of bus with 5'6 ½" body and half end sectional view of body	12.12.84	1884	-	-	PT	178	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6944	General Arrangement of Third Class Carriage 34Ft Stock	1" to 1' general arrangement of 34'0" body with sectional views of interior and half plan of wooden underframe with writing details My comment: drawing number missing and small part of end elevation	9.2.85	1885	M17	403C	PT	178	-
6959	Royal Mail Van	1" to 1' general arrangement of 34' body with half interior plan and half plan of underframe Endorsed: for internal arrangement see Dg No 6960	18.4.85	1885	E18	703C	PT	178	-
6960	Royal Mail Van-Internal Arrangement	1" to 1' detailed interior elevations of 34'2½" van Endorsed: for outside view see Dg 8080	22.4.85	1885	E18	703E	PT	96	-
6970	Arrangement and Details of Brakework for Cattle and Covered Goods Wagons 9Ft	1½" and 3" to 1' arrangement of underframe and ironwork details	20.2.85	1885	-	-	PT	15	-
6972	Arrangement of Driving Gear, Norwich Traverser	½" to 1' gearing arrangement and position of pits	- .4.85	1885	-	-	PT	10	-
6976 D	Bracket for Holding Discs on Tenders	Full size, similar to 6976E but different fixing	1.3.05	1905	-	-	PT	10	-
6976 E	Bracket for Holding Discs on Tenders	Full size, similar to 6976D but different fixing							
6978	Arrangement of Covered Carriage Truck	1½" to 1' general arrangement of 16' body and underframe	- .3.85	1885	L11	8M	PT	68	-
6982	Sections of Boilers of Shunting Engines on the GER	1½" to 1' showing outline of 0-4-4 tank	26.3.85	1885	-	-	PT	78	-
6995	12 Tons Accident Crane	6" to 1' general arrangement of 6 wheel crane 20'4" over headstocks 12' wheelbase	1.6.85	1885	-	-	PT	91	-
6997	Compound Engine Intercepting Valve	Full size dimensioned elevations and plan	13.3.85	1885	-	-	PT	78	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7002	Foundations for Engine Turntable at Norwich	½" to 1' details of 28'2" diameter pit and table	- .6.85	1885	-	-	PT	79	-
7008	General Arrangement of Tender for Express Engines	1½" to 1' arrangement of 6 wheel tender capacity 2,755 gallons	11.7.85	1885	Z14	-	PT	91	-
7009	Diagrams of Goods Trucks Showing Positions of Sheet Rings	1" to 1' outlines of 18'6" and 16' cattle trucks, round end goods truck, flat top lowside goods truck and flat top high side goods truck	13.7.85	1885	-	-	PT	78	-
7010 Part	Main Line Brake Van	¼" to 1' outline side elevation and plan 31'6" brake with bird cage roof	- .7.85	1885			PT	16	-
7010 Part	Main Line Composite Brake Van Suburban Composite Brake Van	¼" to 1' outline side elevations and plan of 31'6" and 27'0¾" vehicles	- .7.85	1885	-	509C 508C	PT	103	-
7011	Rubber Testing Machine	1½" to 1' arrangement of machine	6.8.85	1885	-	-	PT	78	-
7015	Agricultural Engine Truck	1½" to 1" general arrangement of 12 ton 25'6" truck, 20' wheelbase	4.12.85	1885	-	25W	PT	80	-
7041	Standard Carriage Wheel and Axle	Full size section of 3'6½" wheel, 3" to 1' of wheel and axle	23.1.86	1886	-	-	PT	4	-
7062	Condensing Arrangement in Smokebox Fitted to Engines Nos 101, 588 (X13 Class)	3" to 1' arrangement shown in relation to smokebox Endorsed: altered 22.4.01	6.6.01	1901	X13	-	PT	69	-
7064	Arrangement of Condensing Apparatus Fitted to Engines Nos 101 & 588 (Ex 30 Class)	1½" to 1' showing apparatus in relation to part sectional side elevation and plan of engine My comment: drawing appears to be unfinished	6.6.01	1901	E10	-	PT	110	-
7065	Fish Van	1½" to 1' general arrangement of 4 wheeled open road van 8'6" body Endorsed: cancelled	- .1.86	1886	-	-	PT	69	-
7083	Crank Axles for Classes R10, T19, C32, T26, Y14, G15, M15 O18, T18, N31, P55, E10,	3" to 1' arrangements of 8 types of crank axle	28.3.07	1907	-	-	PT	95	-
7114	Six Wheels Coupled Tank Engines Class T18-Boiler	1½" to 1' arrangement of boiler with full size riveting details	26.1.91	1891	T18	J66	PT	71	-
7143 Part	Arrangement of Steamchest, Lubricator for Tank Engines and Y14 Class (Goods)	3" to 1' arrangement of lubricator shown in relation to outline of smokebox	9.8.88	1888	Y14	J15	PT	132	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7188	Standard Jib Water Crane and Foundation	1½" and 3" to 1' general arrangement of crane and underground valve and details of fittings	28.11.21	1921	-	-	PT	70	-
7188 Part	Standard Jib Water Crane	1½" to 1' arrangement of crane 13'6" to centre of arm, 3" to 1' details My comment: tracing damaged, date torn off, otherwise complete	12.3.01	1901	-	-	PT	112	-
7189	New Engine Shed	1/8" to 1' plan and sectional elevations of 12 road shed, 271'3" long at Stratford	3.5.86	1886	-	-	PT	112	-
7199	Sinclair's Four Wheels Coupled Engines Westinghouse Break	1½" to 1' outline of 2-4-0 engine showing arrangement of brake operating on inside of driving wheels	14.5.86	1886	-	-	PT	70	-
7204	Ballast Wagon with Steel Underframe	1½" to 1' general arrangement of 12' 3 plank open, steel frame and dumb buffers with full size detail of single fixed end Endorsed: altered 24.6.98, wood door bumper replaced by steel version My comment: repaired with sellotape but no detail obscured	8.4.95	1895	S43	40W	PT	129	-
7258	Four Wheels Coupled Express Engines- Smokebox	3" to 1' sectional end elevation of smokebox and cylinders	- .3.88	1888	T19	D13	PT	132	-
7297	Parcel Road Van	1½" to 1' general arrangement of 4 wheeled van with 6'6" body Copy of LB&SCR Dg No 2779 dated 7.4.79	- .10.86	1886	-	-	PT	68	-
7389	Stratford (Loop Junction) Running Sheds and Proposed Sidings	40' to 1' plan showing main running lines north of Polygon, Loop Junction and the lines serving the 6 road Jubilee shed and signalling details	2.8.87	1887	-	-	PT	-	-
7407	Junction Road Station for Tufnell Park- Tottenham & Hampstead Railway	1" to 20' plan of station area including overbridge	28.3.87	1887	-	-	PT	95	-
7409	GER Elsenham Signals	1½" to 100' plan of station and area with alterations to layout and signals.	20.2.07	1907	-	-	PT	6	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7409	GER Eisenham Signals	Copied from tracing 6930 in Engineer's office	30.3.97	1897	-	-	PT	0	-
7411	GER Lynn-Proposed Alterations	66' to 1' layout of yard, terminus and buildings, alteration not defined	-	1887	-	-	PT	74	-
7417	Standard Pair Horse Van	1½" to 1' general arrangement of 4 wheel van, length 11'10" Endorsed: cancelled see Dg No 9430	20.4.87	1887	-	-	PT	15	-
7417 A	Pair Horse Van	1½" to 1' general arrangement, body 11'9½". Endorsed: cancelled see drawing No 9430 3.7.95	15.12.91	1891	-	-	PT	15	-
7419	GER Millwall Junction-Proposed Extension of Engine Shed Siding	1" to 40' plan of Junction area and new siding into shed Copy of Engineer's plan No A1994	23.4.87	1887	-	-	PT	95	-
7425	Arrangement of High Sided Goods Wagon	1½" to 1' general arrangement of 15' wood framed open wagon Endorsed: altered 10.11.93; cancelled 15.12.99	26.5.87	1887	-	16W	PT	80	-
7432	Standard Springs for Road Vehicles	3" to 1' elevations and plans of 12 types with schedule of use	25.4.89	1889	-	-	PT	76	-
7463	Diagram of Gradients	½" to 1 mile diagrams of East London Line, Tottenham to St. Pancras, Channelsea Loop, Custom House to Beckton, Stepney to Bow Jn, Downham & Stoke Ferry, Mildenhall branch, Wisbech Tramways and East Norfolk Railway Copy of Engineer's plan No A2337	7.5.87	1887	-	-	PT	18	-
7464	Diagram of Gradients Sheet No 2	½" to 1 mile horizontal scale of Bury-Thetford, Felixstowe Branch, Brundall-Yarmouth, Thorpe-Clacton, Wymondham-Forngett. Copy of Engineers Plan No A2337	24.5.87	1887	-	-	PT	62	-
7468	Lynn Station 1872	66' to 1" survey of station and engine shed area Endorsed: not correct 20.10.87	20.6.87	1887	-	-	PT	119	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7497	East London Railway-Internal Section of the Thames Tunnel	3" to 1' cross sections, apparently identical	29.7.85	1885	-	-	PT	112	-
7498	Gradients-Roudham Junction to Swaffham, Ely and Newmarket Railway	½" to 1 mile gradient diagram Copy of Engineer's plan A2514	25.7.87	1887	-	-	PT	16	-
7511	G.W.R. Snow Plough	1½" to 1' arrangement of plough mounted on front buffer beam	17.6.87	1887	-	-	PT	121	-
7542	Proposed Van for Carrying Yeast	1" to 1' general arrangement of 16'8" body over mouldings, 10' wheelbase	- .10.87	1887	-	-	PT	38	-
7577	Passenger Train Van	1" to 1' body arrangement of proposed 22' 4 wheeled van. Endorsed: amended detail of louvres in red; additions dated 8.12.87 to show sliding lights in doors, cambered floor with slats and louvres in top quarter	3.11.87	1887	-	-	PT	38	-
7583	Front Elevation of Model Link Motion	3" to 1' detailed undimensioned elevation of motion	19.11.87	1887	-	-	PT	124	-
7587	Meat & Fruit Van	1" to 1' arrangement of 16'0¼" body on wood frame My comment: proposal only	30.11.87	1887	-	-	PT	106	-
7605	General Arrangement of Four Wheels Coupled Express Engine	1½" to 1' sectional side elevation and plan of 2-4-0 engine	22.2.88	1888	T19	D13	PT	173	-
7606	Diagram of Engine No 225	¾" to 1' outline side elevation with dimensions and weights	3.1.88	1888161	-	-	PT	105	-
7620	GER (General Powers) Session 1887 Widening and Improvement No 1 Sheet No	66' to 1" copy of parliamentary plan of Liverpool Street station	9.2.83		-	-	PT	107	-
7631	Horse Box X20	1" to 1' general arrangement of 16'8" body Endorsed: for underframe see Dg No 8983 dated 1.6.94, previously No 7770; lamp irons rearranged for boxes fitted with the Vacuum brake pipe	29.2.88	1888	X20	16M	PT	43	-
7632	Horse Box X20	1" to 1' general arrangement of 16'8" body	29.2.88	1888	X20	16M	PT	65	-
7633	General Arrangement of Cattle Box for	1½" to 1' general arrangement of 18'8" body	28.2.88	1888	B27	18M	DT	65	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7633	Carrying Show Cattle	Endorsed: modified for lamp irons 13.9.92	28.2.88	1888	B22	18M	PT	65	-
7637	Mishap at Hoe Street (31.12.87)	8' to 1" plan of derailed train west of station, engine No 225, carriages 61BT, 616T, 39S, 29F, 227T, 262BT Copy of Engineers Plan No A3241	8.4.88	1888	-	-	PT	42	-
7640	Stratford (Colchester Line) Proposed Alterations	44' to 1" plan of main line from junction to Angel Lane Copy of Engineers Plan No 19777 dated 1.12.87	8.3.88	1888	-	-	PT	42	-
7651	Proposed Alterations to Royal Carriage	½" to 1' internal arrangement of 2 schemes for 31'6" body	4.4.88	1888	-	-	PT	10	-
7655	One Horse Bus Details	1" to 1' framing details of body Endorsed: traced from GWR drawing	10.4.88	1888	-	-	PT	10	-
7661	Plan of Dormitory for Enginemen (Showing Beds)	¼" to 1' plan, possibly showing only part of dormitory. Endorsed: words in title 'Showing Beds' deleted	16.4.88	1888	-	-	PT	31	-
7672	Passenger Train Van D22	1½" to 1' general arrangement of 22' body. Endorsed: for underframe see Dg No 7673; floor slats in these vans have been taken up 10.5.16	10.5.88	1888	D22	32M	PT	38	-
7683	Diagram of Gradients	½" to 1 mile of goods lines: inclines to Devonshire Street, Romford and Chelmsford yards, Pepper Warehouses, Bow Road and Silvertown tunnel Copy of Engineer's plan No 19832	26.3.88	1888	-	-	PT	12	-
7685	Meat and Fruit Van F52	1½" to 1' general arrangement of 22' body, fitted with Westinghouse brake and Vacuum train pipe Endorsed: underframe to Dg No 7673	7.6.88	1888	F22	32M	PT	68	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7686	GER Doncaster Proposed Sidings, etc.	1" to 44' plan of area east side of running lines, south of station and north of LNWR shed. Goods shed and depot off Calum Street, 12 road shed with turntable, north east of GNR shed Copy of Engineers Plan No 16600	14.6.83	1883	-	-	PT	34	-
7686	Gas Holder	20'6" extreme length by 8'0" Endorsed: note not made to this 10.7.91; tracing supplied to Pintsch's but an alternative size accepted 24' by 6' see correspondence in Mr Parker's office	- .7.88	1888	-	-	PT	-	-
7694	GER Scheme No 1 Proposed Engine Shed and Sidings for Doncaster	40' to 1" plan showing 6 road shed 270' by 80', coal stage and 50' turntable	19.6.88	1888	-	-	PT	24	-
7696	Gas Holders	1" to 1' elevation and plan of holder 20'6" long with detail of manhole cover and riveting Endorsed '2 made to this'; not made to This, 10.7.91	- .7.88	1888	-	-	PT	23	-
7781	Cross Section of 50Ft Turntable	1½" to 1' section of turntable	10.9.88	1888	-	-	PT	16	-
7786	High Pressure Gas Fittings for Carriages 10" Roof Lamp Full Size	Full size elevations, section and plan of flat flame lamp. Copied from tracing by W. Pope & Son, Slough, Buckinghamshire	15.9.88	1888	-	-	PT	6	-
7790	High Pressure Fittings for Carriages-Popes Patent Gas Pressure Regulator	Full size plan and sectional view of regulator Copied from tracing by W. Pope & Son, Slough, Buckinghamshire	17.9.88	1888	-	-	PT	6	-
7792	Cromer Water Supply Proposed Tank over Engine Shed	Side and end elevation of shed with 21,000 gallons C.I. tank mounted over roof Copy of Engineer's Dg No A4070	20.9.88	1888	-	-	PT	6	-
7807	Engineer's Saloon	1" to 1' general arrangement of 27'6" 4 wheel saloon	14.3.89	1889	G24	-	PT	169	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7821	Arrangement of Pope's Gas Fittings	1" to 1' outline of carriage and fittings applicable to 4 and 6 wheel stock.	20.11.88	1888	-	-	PT	23	-
7828	Details of Iron for Carriage	3" to 1', 9 components for road vehicle with plan and cross section	27.11.88	1888	-	-	PT	23	-
7835 A Part	Plan of Loco and Carriage Works, Stratford	¾" to 1 chain plan of buildings only between Leyton Road and Cambridge main line, with uses defined Endorsed: altered 7.11.91	7.11.89	1889	-	-	PT	29	-
7841	Proposed Additions to Running Department	¾" to 1 chain plan of Stratford engine shed and coal stage area	- .5.98	1889	-	-	PT	95	-
7842	General Arrangement of Cattle Wagon	1½" to 1' general arrangement of 18'4" wagon. Endorsed: alterations in red for P34 and future wagons 24.4.94. My comment: length increased from 18'4" to 18'7" over headstocks; cancelled see Dg same No dated 11.11.96	31.1.93	1893	-	4W	PT	65	-
7842	General Arrangement of Cattle Wagon	1½" to 1' general arrangement of 18'7" wagon	11.11.96	1896	-	5W	PT	65	-
7847	Arrangement of Bolster Timber Wagon with Steel Underframe	1½" to 1' general arrangement of 12' wagon	18.1.89	1889	F23	29W	PT	65	-
7851	Two Horse Bus No 10	1" to 1' general arrangement of bus with 8'3" body	17.1.89	1889	-	-	PT	94	-
7854 Ren	Tender Tank Class S23	1½" to 1' arrangement of tank and fittings but no frame detail Endorsed: alterations made for last 7 of I50 and future engines (no date)	14.5.23	1923	S23	-	PT	118	-
7869	Standard Wheels for Goods Vehicles	3" to 1' details of 8 wheels for various horse drawn road vehicles	9.3.89	1889	-	-	PT	21	-
7870	Standard Wheels for Bus and Parcel Vehicles	3" to 1' details of 8 wheels for various horse drawn road vehicles Endorsed: altered 1.11.95	15.3.89	1889	-	-	PT	21	-
7872	Cash Trolley and Bus	1" to 1' general arrangement of 4 wheeled road vehicle, 5'8" body	12.3.89	1889	-	-	PT	64	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7873	Arrangement of Flaps with Turntable Cash Vehicle	6" to 1' elevations and plan of interior of road vehicle to Dg No 7842	10.4.89	1889	-	-	PT	139	-
7874	Plan of Cambridge Loco Shed and Shops	1/16" to 1' track layout and building with their uses	12.3.89	1889	-	-	PT	21	-
7890	General Arrangement Single Express Engine	1½" to 1' sectional side elevation and plan of 2-2-2 engine	- .4.89	1889	D27	-	PT	129	-
7897	Standard Arrangement of WH and Hand Brake for S23 Tender Underframe	1½" to 1' elevations and plan of 18'3" tender frame with 6'6" and 6'3" wheelbase, showing brake work and Westinghouse pipes Endorsed: wheelbase altered to 6'0" and 6'0" for the last 7 of Class I50; for brake details see Dg No 7898 My comment: tinted tracing, torn with left side missing and part of title	30.10.00	1900		-	PT-C	145	-
7901	Axle for Cash Vehicle	Full size drawing of axle for road vehicle	7.5.89	1889	-	-	PT	1	-
7908	Special Parcels Van 1 Horse	1½" to 1' general arrangement of 4 wheeled van 7'6" inside My comment: part of drawing number missing	14.5.89	1889	-	-	PT	1	-
7923	Covered Goods Wagon	1½" to 1' general arrangement of 10 tons, 16'2" covered van, with enlarged details of end ventilators Endorsed: superseding Dg No 7923 dated 25.1.00; letter 'A' removed from Dg No 12.6.06	22.7.03	1903	-	15W	PT	1	-
7928	Alteration to Wool Wagon-Continental Traffic Wagon N26	1½" to 1' general arrangement of 5 plank 2'10" deep body on wool wagon frame Endorsed: amended in red for wagons subsequent to N29 28.10.90; for arrangement of old wagon see Dg No 5514	14.6.99	1899	D&P794	10W	PT	1	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7932	GN & GE Joint Line-Whitemoor	50' to 1" plan of centre portion of yard by Norwood Junction Box, and proposed connection to turntable Copy of Dg No 417	2.8.89	1889	-	-	PT	60	-
7932	GN and GE Joint Line-Whitemoor	1" to 50' plan of yard in vicinity of Norwood Junction and Goods Central signal boxes showing turntable and new connecting line to up reception sidings Endorsed: subsidiary Dg No 417	29.11.89	1889	-	-	PT	-	-
7934	GER Essex Lines Diagram of Gradients	½" to 1 mile horizontal scale of Wickford-Southend, Wickford-Southminster, Woodham to Maldon East and related triangles Copy of Engineers Plan No A4583	13.6.89	1889	-	-	PT	60	-
7934	GER Essex Line Diagram of Gradients	½" to 1 mile horizontal scale of Wickford-Southend, Wickford-Southminster, Woodham to Maldon East and related triangles Copied from Engineers Plan No A4583	- .6.89	1889	-	-	PT	60	-
7942	Plan Showing Channelsea Curve and New Victoria Park Line	1" to 1 chain track plan from main line north to Lea Junction and Carpenters Road to Stratford Junction	- .10.89	1889	-	-	PT	32	-
7946 Ren	Engines Type J67-Cab and Tank	1½" to 1' detailed elevations and plan	- .9.44	1944	-	J67	PT	69	-
7949 Ren	Class J67-Framing Arrangement	1½" to 1' detailed elevations and plan	26.7.51	1951	-	J67	PT	69	-
7950	Six Wheels Coupled Tank Engines R&S24, S56-Brake Arrangement, etc	1½" to 1' arrangement shown on outline of engine Endorsed: altered 16.2.22 Amended: 16.2.22 My comment: defaced by sellotape but complete	21.5.20	1920	R24 S24	J69	PT	122	-
7950	Six Wheels Coupled Tank Engines R & S24, S56 Brake Arrangement, etc	1 ½" to 1' arrangement of brake shown on outline elevations and plan of engine	- .4.20	1920	R24	J69	PT	178	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	X50-Brake Arrangement, etc	Copy negative of poor definition			S24 X56				
7974 -1	- Sets Cast Steel Spring Link Brackets	Full size detail for inside leading wheels of classes O&R33, later all classes. Stores	28.8.93	1893	-	-	PT	32	-
7974 -3	- Sets Cast Steel Spring Hangers	Full size detail for T24 class. Stores ordering tracing. Endorsed: words 'cast steel' replaced in pencil by 'wrought iron'	7.3.90	1890	T24	D13	PT	32	-
7974 -2	- Sets Cast Steel Spring Hangers	Full size arrangement. Stores ordering tracing Endorsed: for T24, T26, D27, C32 classes	14.12.95	1895	T24 T26 D27 C32	D13 E4 - F3	PT	33	-
7975	Gas Reservoir	1" to 1' arrangement of 22' x 6'7¼" internal diameter reservoir for wagon, details of manhole and brackets to secure to underframe, capacity 800 cu ft	- .9.89	1889	-	-	PT	32	-
7978	GER (Essex Lines) Southend Station-Engine Accommodation	33' to 1" plan of area from end of platforms to shed, turntable and coal stage Copy of Engineer's plan No A4699	3.9.89	1889	-	-	PT	1	-
7979	Southminster Station-Engine Accommodation	33' to 1" plan of station layout. Copy of Engineer's plan No A4698	3.9.89	1889	-	-	PT	19	-
7980	GER Essex Lines Engine Sheds-Engine Shed at Southminster.	8' to 1" plan of two road shed Parts of Engineer's Dg Nos 1372 and 1373	3.9.89	1889	-	-	PT	19	-
7980 A	GER Essex Lines Engine Shed Southend	8' to 1' plan of two road shed 130' long altered from 75'3"	3.9.89	1889	-	-	PT	19	-
7984	Part Plan of Cambridge Goods Yard Showing Ballast Pit	1" to 1 chain of area east of station, north of Newmarket line, pit extends to Mill Road	9.9.89	1889	-	-	PT	32	-
7989	Diagram Showing Maximum Dimensions of Rolling Stock	1" to 1' composite end elevation of stock against maximum load gauge and minimum construction gauge	18.3.97	1897	-	-	PT	33	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7997	Convertible Ballast Wagon Class L25	1½" to 1' general arrangement of 12' wagon.	18.11.96	1896	L25	42W	PT	38	-
8006	Express Engines Class T19, D27-Cylinders	3" to 1' detailed elevations and plans and sections D27 Endorsed: several alterations up to 9.35	- .7.98	1898	T19 D27	D13 -	PT	124	-
8007	Six Wheels Coupled Compound Goods Engines-Arrangement of Motion	3" to 1' detailed elevations and plan of motion	31.10.89	1889	127	-	PT	124	-
8009	Express Engines T24, T19 Class-Firebox	3" to 1' detailed side elevations and sections	10.5.97	1897	T19 T24	D13	PT	124	-
8012	General Arrangement Six Wheels Coupled Compound Goods Engines	1½" to 1' sectional side elevation and plan view of 0-6-0 engine	21.10.89	1889	127	-	PT	168	-
8013	Six Wheels Coupled Compound Goods Engines-Smokebox	1½" to 1' sectional end elevation of engine	26.10.89	1889	127	-	PT	106	-
8020	Six Wheels Coupled Superheated Coal Engine and Tender-Diagram Showing	¼" to 1' diagram	19.4.12	1912	E72	J18	PT	70	-
8021	Malleable Cast Iron Balance Weights	Full size elevations and plan of balance weights for standard carriage wheel-Stores Ordering tracing	-	1889	-	-	PT	19	-
8022	Express Engines Classes Classes T24 and D27 Smokebox	3" to 1' sectional elevations and plan of smokebox	30.6.91	1891	T24 D27	E4 -	PT	19	-
8030 -1	Carriage Springs	6" to 1' half elevation and plan with full size section of 10 plate spring 7' centres-Stores	5.4.92	1892	-	-	PT	21	-
8030 -18	Carriage Springs	9 plate 7' centres, Stores Ordering tracing	5.4.92	1892	-	-	PT	22	-
8031	Somersham and Ramsey Railway	½" to 1 mile gradient profile Copy of Engineer's plan No A4775	12.10.89	1889	-	-	PT	19	-
8032	Suburban Brake Third (Ongar) D25	1½" to 1' general arrangement of 27' 2 compartment coach	- .11.89	1889	D25	512C	PT	15	-
8036	Standard Main Line Boiler for Engine Classes T19, T26, D27, N31, C32 NIL - -	1½" to 1' elevations, sections and plan of boiler with full size sections My comment: tracing damaged	23.11.93	1893	T19 T26 D27 N31 C32	D13 E4 - J14 F3	PT	18	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8036	Four Wheels Coupled Engines Class T26 Boiler	1½" to 1' arrangement and full size detail	19.2.90	1890	T26	E4	PT	19	-
8053	Hertford	1" to 33' plan of proposed new turntable on station side of shed, realignment of lines into shed and its extension	23.9.90	1890	-	-	PT	28	-
8068	GN & GE Joint Lines, Whitemoor-Proposed Siting of Engine Pit and Water Crane	1" to 50' plan of pit close to existing turntable at Norwood Junction signal box Copy of Engineers Plan No 20825 dated 5.12.89	1.1.90	1890	-	-	PT	28	-
8080	Mail Van	1" to 1' general arrangement of 34' 6 wheel body Endorsed: for Interior see Dg No 6960	16.12.98	1898	S25	700C	PT	170	-
8081	General Arrangement of 5 Ton Travelling Crane	1" to 1' outline arrangement of 6 wheel jib crane on 18' frame	29.1.90	1890	D&P 863	-	PT	170	-
8084	General Arrangement of Truck for 5 Ton Travelling Crane	1½" to 1' arrangement of 28' 6 wheel frame with 12' wheelbase	2.1.91	1891	-	-	PT	80	-
8096	Standard Cross Head	Full size arrangement	-	1890	-	-	PT	80	-
8098 A	Large One Horse Van	1½" to 1' general arrangement of 4 wheeled open van, 10' inside length Endorsed: cancelled	- .2.90	1890	-	-	PT	80	-
8099 A	One Horse Van	1½" to 1' general arrangement of 4 wheeled open van, 9' inside length Cancelled: see Dg 9381 16.3.95	- .2.90	1890	-	-	PT	80	-
8104	Mishap near Wyvenhoe Station 5.2.90	33' to 1" scale track layout from station to junction, accident on Clacton line, details of stock	21.2.90	1890	-	-	PT	51	-
8107	Dormitories Locomotive Department Stratford	¼" to 1' elevations and plan showing 38 cubicles and enginemens accommodation Endorsed: to be kept of Roll No - as copy of 8382 dated 25.9.06	14.2.94	1894	-	-	PT	42	-
8112	Underframe for Continental Wagon	1½" to 1' arrangement of 22'9" steel underframe and running gear.	14.8.90	1890	-	-	PT	45	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8113	Underframe for Continental wagon	Endorsed: for arrangement of body see Dg No 7928	14.8.90	1890	-	-	PT	45	-
8133 A	One Horse Lorry	1½" to 1' general arrangement of 4 wheel vehicle 11'6" floor. Endorsed: cancelled see Dg No 9388 dated 16.3.95	- .3.90	1890	-	-	PT	15	-
8153	Folding Steps for No 10 Saloon Carriage	3" to 1' arrangement of telescopic 5 tread steps mounted beneath step board	30.4.90	1890	-	8C	PT	36	-
8188	GER Wickford Proposed Engine House and Tank No 1398	33' to 1" plan showing tank near R. Crouch supplying 2 water columns at end of platforms Copy of Engineers Plan No 20956	17.6.90	1890	-	-	PT	34	-
8190	GER Stratford Works Peterborough Loco Yard	1" to 33' layout of Peterborough yard	14.6.90	1890	-	-	PT	34	-
8208	Invalid Saloon	1" to 1' arrangement of 32' 6 wheel body	16.7.90	1890	S26	12C	PT	170	-
8216	32'0" Lavatory Composite Carriage	1" to 1' general arrangement of 32' 4 compartment body with lavatory	13.8.90	1890	M26	110C	PT	169	-
8242	34' 6" Main Line First Class Carriage E27	1" to 1' general arrangement of 34'6" 5 compartment body	18.9.90	1890	E27	105C	PT	168	-
8245	Gas Reservoirs	3" to 1' plan of 6'2" long carriage reservoirs 1'4" and 1'8" diameter with details of fittings Endorsed: superseded by Dg No 18685 dated 22.4.13	5.9.90	1890	-	-	PT	105	-
8250	Butter Wagon	1½" to 1' general arrangement of 16'2" covered van with louvred clerestory Endorsed: originally known as Lard Wagon, title altered 2.2.04	5.2.91	1891	LM604	12W	PT	168	-
8251	General Arrangement of Slip Carriage D26	1" to 1' general arrangement of 32' tri-composite carriage Endorsed: 10 to this	24.8.90	1890	D26	204C	PT	168	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8253	Ely-Proposed Alterations	66' to 1" plan of whole yard and station area showing extensive alterations to station layout, platforms and goods facilities Copy of Engineer's Plan A1633 Scheme 4 and 20758 Schemes 5 & 8 dated 13.8.90 combined	11.9.90	1890	-	-	PT	107	-
8256 Part	Arrangement of Westinghouse and Vacuum Brake Pipes on Horse Box Ends	1" to 1' end elevation showing position of pipes	17.3.92	1892	-	-	PT	105	-
8266	Proposed Engine Shed at Loughton	1" to 1 chain plan of 2 road shed 121' x 28' for 6 engines with coaling stage sited south of signal box on up side	1.10.90	1890	-	-	PT	105	-
8268	Covered Carriage Truck	1½" to 1' general arrangement of 16' truck on bulb L frames	- .6.91	1891	G27	9M	PT	168	-
8274	Liverpool Street Station Widening-Alternative Scheme for Engine Sidings, etc.	1" to 16' plan of approaches to platforms 1 to 10 and connections to Bishopsgate tunnel Copy of Engineers Plan No A5371			-	-	PT	63	-
8275	Liverpool Street Station Widening-Suggested Alteration to Turntable and Loco	1" to 16' plan showing turntable area	16.10.90	1890	-	-	PT	63	-
8278	General Arrangement of Low Sided Wagon CI Z27 with Standard 15ft Steel Underframe	1½" to 1' general arrangement of 3 plank fixed sided wagon	16.10.90	1890	Z27	18W	PT	63	-
8291	32'0" Main Line Passenger Brake Van O27	1" to 1' general arrangement of 32' 6 wheel body	11.11.90	1890	O27	516C	PT	167	-
8302	Cheshunt Line-Proposed Station at Cheshunt	33' to 1" plan of station area and junction Copy of Engineer's Plan No A3659 My comment: also dated 3.11.83	12.6.88	1888	-	-	PT	125	-
8304	GER Liverpool Street-Additional Platform-Proposed Engine Road and Turntable	16' to 1" plan showing lengthened platform and turntable Endorsed: copied from Mr Wilson's Plan No 5351	18.11.90	1890	-	-	PT	125	-
8306	Parcels Cart	1½" to 1' general arrangement of 2 wheel cart 5'6" inside Endorsed: cancelled see Dg No 9010 dated 30.11.93	22.10.90	1890	-	-	PT	122	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8309	General Arrangement of Coal Wagon with Standard 15 Feet Steel Underframe Class	1½" to 1' general arrangement of 15' 7 plank open wagon	4.2.91	1891	C28	31W	PT	167	-
8324	Steel Fire box for Six Wheels Coupled Goods Engines	1½" to 1' elevations and section of firebox and full size details of stays My note: portion of drawing missing but no details lost	8.12.90	1890	Y14	J15	PT	-	-
8326	Smokebox Engines Classes T26, C32	3" to 1' sectional elevations of smokebox and cylinders	- .2.93	1893	T26 C32	E4 F3	PT	-	-
8326 Part	Sketch Showing Rearrangement of Blower Steam Pipes	3" to 1' part sectional view showing arrangement of pipes Endorsed: engines fitted with this form of blower cock to have the pipes reversed as shown in above sketch. The steam to be on the inside of the valve tending to open blower	9.6.96	1896	T26 C32	E4 F3	PT	-	-
8326 Att	Arrangement of Vacuum and Westinghouse Exhaust Pipes E4, F3	3" to 1' sectional elevations of upper part of smokebox and 6" to 1' details of clip Endorsed: for dimensions of smokebox see Dg No 8326 My note: drawn by John Gardner	- .9.50	1950	-	E4 F3	PT	-	-
8326 Part	Smokebox and Spark Arrestor	3" to 1' sectional elevation, sectional side and half end elevation smokebox and plan	24.2.94	1894	T26 C32	E4 F3	PT	-	-
8326 Ren	Engines Classes E4: T26, F3: C32-Smokebox	3" to 1' sectional side and end elevations of smokebox and cylinders Endorsed: for arrangement of Westinghouse and Vacuum pipes see Dg No 8326Attachment	19.11.35	1935	T26 C32	E4 F3	PT	-	-
8336	32'0" Main Line Composite Carriages K27	1" to 1' general arrangement of 32' body with 4 compartments and luggage	- .1.91	1891	K27	219C	PT	168	-
8348	Sleeper Wagon LM599	1 ½" to 1' arrangement of 19' steel framed wagon with dumb buffers, fixed ends and drop sides	17.4.91	1891	LM599	43W	PT	178	-
8353	Dining Saloon	1" to 1' general arrangement of 34'6" corridor clerestory carriage	- .9.91	1891	B29	-	PT	167	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8354	Composite Carriage for Dining Train LM600	1" to 1' general arrangement of 34'6" body with corridor	8.8.91	1891	A29	111C	PT	167	-
8355	Third Class Carriage for Dining Train LM601	1" to 1' general arrangement of 32' body with corridor	9.9.91	1891	Z38	405C	PT	167	-
8356	General Arrangement of High Sided Wagon with Standard 15 Feet Steel Underframe	1½" to 1' general arrangement of 5 plank 15' open wagon Endorsed: cancelled see Dg No 9606	- .7.91	1891	-	17W	PT	171	-
8364	Special One or Two Horse Parcels Van	1½" to 1' general arrangement of covered van 10' inside, 6'9" wheelbase	23.3.91	1891	-	-	PT	141	-
8366	Omnibus for Cromer Pleasure Traffic	1" to 1' undimensioned general arrangement with sections and plan of omnibus 8' inside	24.2.91	1891	-	-	PT	172	-
8367	G14 Class Fitted with Morton's Patent Valve Gear-Motion Arrangement	3" to 1' elevations and plan of motion	14.10.91	1891	G14	J15	PT	142	-
8368 A	Cast Iron Makers Plates for Wagons	Full size elliptical plate 9" by 7" dated 1897. Endorsed: this plate cancelled for new design see combined makers and tonnage plates Nos 11086 and 11091	3.12.95	1895	-	-	PT	66	-
8368 A-1	Cast Iron Makers Plate	Full size drawing of standard 9" x 7" elliptical plate 'GER/Makers/ 1898/Stratford Works' Endorsed: for wagons; this plate cancelled for new design see combined makers and tonnage plates Dg Nos 11086 & 11091	15.12.98	1898	-	-	PT	142	-
8368 B	Cast Iron Tonnage Plates for Wagons	Full size detail of standard 7 7/8" x 5½" elliptical plate 'To Carry 10 Tons' Endorsed: this plate cancelled for new design see combined makers and tonnage plates Dg No 11086	3.12.95	1895	-	-	PT	142	-
8377	Four Wheeled Bogie	1½" to 1' arrangement of 8' wheelbase bogie Copy of Midland Railway drawing	7.3.91	1891	-	-	PT	43	-
	Six Wheels Coupled Goods Engines (L28,	3" to 1' dimensioned arrangement.			Y14	J15			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8379	Y14 Class)-Ashpan Also for Future Engines Type T26 Prior to I34	Endorsed: for I34 and subsequent engines see Dg No 9254	14.4.17	1917	T26	E4	PT	42	-
8382	Dormitories Locomotive Department Stratford	See Dg No 8107							
8384	Pair Horse Cod Van	1½" to 1' general arrangement of open 4 wheel van 10' long inside	25.3.91	1891	-	-	PT	43	-
8393	Plan Showing Railway at Fenchurch Street, City of London Union Rating Case	Unscaled, skeleton track plan, with 4 parish boundaries defined Endorsed: from tracing lent by Mr Fearn	9.4.91	1891	-	-	PT	46	-
8402	Plate Glass Van	1" to 1' general arrangement of road van 12'6" long well	22.4.91	1891	-	-	PT	43	-
8405	Suburban Platforms at Liverpool Street Station	16' to 1" layout of platforms 6 to 12 between from main line departures and Sun St Passage	23.4.91	1891	-	-	PT	42	-
8408	GNSR Train Tablet Exchange Apparatus	¾" to 1' outline of 4-4-0 engine and part plan showing cab side and lineside apparatus	24.4.91	1891	-	-	PT	42	-
8409	GNSR Details of Tablet Exchanging Apparatus Spindles	Full size details	24.4.91	1891	-	-	PT	42	-
8410	GNSR Details of Tablet Apparatus on Columns	Full size dimensioned arrangement	25.4.91	1891	-	-	PT	42	-
8411	Details of Tablet Exchanging Apparatus	1½" to 1' arrangement showing column in relation to engine and lever for extending pick up with full size details. Endorsed: traced from (N3.37) GN&SR Copy 25.4.91	25.4.91	1891	-	-	PT	48	-
8412	Arrangement of Tablet Apparatus	1½" to 1' arrangement of apparatus-lineside and on engine	25.4.91	1891	-	-	PT	48	-
8414	Tablet Exchanging Apparatus	Full size details of components for lineside and engine. Endorsed: traced from GN&SR Copy No N3.44 dated 28.4.91	28.4.91	1891	-	-	PT	48	-
8421	GER Liverpool Street Station-Proposed Alteration of Engine Docks for Nos 8 & 9	16' to 1" layout at ends of platforms	2.5.91	1891	-	-	PT	45	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8441	Underframe with Gas Reservoir	1" to 1' arrangement of 26'3" steel frame with 6'10¼" diameter reservoir	17.6.91	1891	-	63W	PT	171	-
8448	Third Class Suburban Carriage	1" to 1' general arrangement of 27' 5 compartment carriage	31.7.91	1891	-	402C	PT	170	-
8456	Low Sided Goods Wagons Underframe with Fox's Pressed Steel Plates	1½" to 1' arrangement of underframe and body stanchions	- .7.91	1891	-	18W	PT	171	-
8465	HRH Princess of Wales Saloon	1" to 1' general arrangement of 34'6" body and underframe, no interior detail	23.7.91	1891	Y29	4C	PT	64	-
8471	Running Department Stratford	40' to 1" outline plan of principal buildings showing water mains, fire hydrants and stop valves with fire instructions	22.7.07	1907	-	-	PT	132	-
8473	GER Liverpool Street-Proposed Additional Water Columns No 2070	40' to 1" plan of proposed main and columns at the end of platforms 6-12 Copy of Engineer's plan No 22338	22.8.91	1891	-	-	PT	1	-
8477	Draught Excluder for Car. Doors	3" to 1' elevations and sections of carriage doors showing spring loaded mechanism to block gap between droplight and garnish rail	- .1.91	1891	-	-	PT	133	-
8480	Snow Plough	1½" to 1' arrangement of plough made of 3/16" plate, mounted on front buffer beam of engine	9.9.91	1891	-	-	PT	132	-
8485	General Arrangement Six Wheels Coupled Tank Engines	1½" to 1' detailed side elevation and plan My comment: tracing damaged but nearly complete	- .9.91	1891	G75	J68	PT	96	-
8491	Bullion Van	1½" to 1' general arrangement of 22' body	10.8.92	1892	P32	36M	PT	65	-
8505	Plan of Proposed Engine Shed at Doncaster	40' to 1" plan of 12 road engine shed, 50' turntable and coal stage, sited north of existing GER/LNWR shed	9.11.91	1891	-	-	PT	51	-
8506	Material Wagon Fox's Pressed Steel Frame T30	1½" to 1' general arrangement of 19' wagon	17.11.91	1891	T30	44W	PT	96	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8513	Tufnell Park	1" to 33' plan of layout between Junction Road station and Upper Holloway showing cattle pens and proposed GER sidings on land to be leased from the Midland Rly	16.10.91	1891	-	-	PT	28	-
8516	Six Wheels Coupled Tank Engines Class S56, P29, G75-Framing	1½" to 1' arrangement of frame and springs Endorsed: alterations made for G75 class My comment: damaged tracing, most of end elevation missing	- .1.05	1905	S56 P29 G75	J67 J68 J69	PT	96	-
8516 Ren	Six Wheels Coupled Tank Engines Classes J68 and J69-Framing	1½" to 1' general arrangement of framing with outline of wheels and springs My comment: a replacement tracing, but date torn off	- .1.05	1905	-	J68 J69	PT	97	-
8529 Part	Arrangement of Brick Arch	1½" to 1' detail of arch in firebox.	13.10.93	1893	-	-	PT	7	-
8529	General Arrangement Mixed Traffic Engine	1½" to 1' presentation elevation and plan of 2-4-0 tender engine	25.11.91	1891	T26	E4	PT	74	-
8530	Standard Variable Blast Pipes	3" to 1' arrangement of blast pipe with full size details	5.2.94	1894	-	-	PT	53	-
8534	Tri-Compo P27	1" to 1' general arrangement of 34'6" body, 6 wheel	8.12.91	1891	Y30	206C	PT	64	-
8543	Mishap at Barnby, Beccles on 24.12.91	Plan of Barnby siding area showing position of two 3 coach trains after collision	31.12.91	1891	-	-	PT	50	-
8544	Hertford-Showing Proposed New Engine Pits, Water Cranes, Coal Stage and Siding	33' to 1" plan of shed area with entrance and coal stage at London end Endorsed: altered: 24.8.92	9.12.91	1891	-	-	PT	108	-
8545	Plan of Carlton Swing Bridge	1/16" to 1' track plan of single line over bridge with formation. My note: purpose of plan unclear	14.1.92	1892	-	-	PT	50	-
8552	GER Shenfield-Proposed Water Crane	33' to 1' plan showing crane on end of down platform and pipe run to existing tank house	6.3.91	1891	-	-	PT	63	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Engineers Plan No 22206							
8555	Diagram of Gradients-Stratford to March via Cambridge	½" to 1 mile horizontal scale	27.8.91	1891	-	-	PT	60	-
8569	Transverse Views of Mixed Traffic Engine	1½" to 1' presentation sectional and end elevations of 2-4-0 tender engine	-	1891	T26	E4	PT	74	-
8573	Sea Water Carts with Wooden Barrel	½" to 1' general arrangement of 2 wheel cart, two built 210 and 199 gallon capacity respectively	14.1.92	1892	-	-	PT	50	-
8580	Goods Brake Van	1½" to 1' general arrangement of 16' van Endorsed: interior alterations 3.6.13	16.7.95	1895	Y35	1W	PT	64	-
8583	Pair Horse Lorry	½" to 1' outline side and end elevation, inside length 12'6"	- .1.91	1891	-	-	PT	33	-
8587	Pair Horse Lorry	1½" to 1' general arrangement of 4 wheel lorry 12'6" on bed	19.2.92	1892	-	-	PT	172	-
8589 Part	Alterations to Fox's Pressed Steel Underframe with Additional Holes Required	1½" to 1' arrangement of 15' underframe, 9' wheelbase	- .2.292	1892	-	-	PT	33	-
8589	Fox's Pressed Steel Underframe for Standard 15Ft Wagon	1½" to 1' elevations and plan of 15' frame, 9' wheelbase	20.9.92	1892	-	-	PT	86	-
8593 Part	Plan of Family Saloons Nos 19-22	½" to 1' interior view of 34'6" body	1.2.93	1893	F31	15C	PT	33	-
8599 Part	Diagram of Spring Hanging Gear for 6 Wheel Carriages	1" to 1' side elevation of centre and end hanger on wood underframe	8.11.00	1900	-	-	PT	33	-
8599	Third Class Saloon	1" to 1' general arrangement of body and underframe of 34'6" elliptical roofed saloon dual fitted	27.10.99	1899	E31	14C	PT	38	-
8608	Arrangement of Westinghouse Coupling	1½" to 1' side elevation of connection between carriage and open carriage truck	18.3.92	1892	-	-	PT	7	-
8625	Cast Iron Chimneys for Running Sheds at Stratford	3" to 1' details of roof vents Endorsed: 216 to be made	7.4.92	1892	-	-	PT	19	-
8643	Untitled	Elevations and plan of motor charabanc with 6 rows of seats, undimensioned and unfinished Endorsed: cancelled 30.12.12	-	1892	-	-	PT	7	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8675	Standard Six Wheel Underframe	1" to 1' general arrangement of wood carriage underframe length 33'10½" wheelbase 11'3", showing Westinghouse brake details Endorsed: for 34'6" carriage stock	- .8.92	1892	-	-	PT	129	-
8694	Loughton and Epping Widening-Epping Station Proposed Alterations	33' to 1" detailed track plan showing existing layout and proposals, including engine shed and turntable. Copy of Engineer's plan A4910 Scheme No 4	17.5.92	1892	-	-	PT	17	-
8700	Special One Horse Parcels Van No 675	1½" to 1' general arrangement of 7'6" van	27.7.92	1892	-	-	PT	172	-
8703	Six Wheels Coupled Tank Engines B32 Class Cab and Tanks	1½" to 1' elevations, sections and plan of cab and tanks Endorsed: bars added to bunker 6.4.25	29.7.92	1892	B32	J66	PT	17	-
8704	Dummy Capstan for Chain Testing House	Full size dimensioned arrangement	6.8.92	1892	-	-	PT	17	-
8705	Metropolitan Railway-Loading Gauge	½" to 1' section with GER covered carriage truck superimposed. Endorsed: traced from MR Company's lithograph from Engineer's Office dated 6.92	6.8.92	1892	-	-	PT	17	-
8709	Continental Traffic Wagon	1½" to 1' general arrangement of 22'10" open wagon	11.5.94	1894	M29	10W	PT	168	-
8731	GER Stratford Proposed Connection at Chobham Farm Junction	33' to 1" layout between Chobham Farm and Loughton Junction signal boxes. Copy of Engineer's plan 22796 formerly No 2377S	14.9.92	1892	-	-	PT	17	-
8770	General Arrangement Eight Wheels Main Line Passenger Tank Engine	1½" to 1' elevation and plan My comment: ornamental title, prepared for Railway Engineer?	21.9.93	1893	C32	F3	PT	71	-
8778	Main Line 3rd Class Carriage	1" to 1' general arrangement of 34'6" 6 compartment carriage with brake rigging details	- .4.92	1892	-	404C	PT	170	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8810	Arrangement and Details of Tablet Changing Apparatus	¾" to 1' arrangement in relation to outline of 2-4-0 engine, 3" to 1' details of components	24.2.93	1893	-	-	PT	44	-
8828	Standard Engine Tender Springs	3" to 1' details and dimensions of 7 types with drawing numbers	21.1.93	1893	-	-	PT	44	-
8839 Att	Tank Engines Class G69, L77, K85-Cupboard	3" to 1' arrangement of cupboard made of 14 swg plate	7.2.25	1925	G69 L77	F6 N7	PT	101	-
8845	Liverpool Street Widening-Suggested Arrangement of Loco Sidings in Red	Diagrammatic arrangement of new engine pits at platform ends and resiting turntable	- .2.92	1892	-	-	PT	107	-
8846	GER Temple Mills-Proposed Alterations at North Junction	66' to 1" layout of turntable and coke stage near signal box, estimated cost £405 Copy of Engineers plan No 22983	13.2.93	1893	-	-	PT	101	-
8848	Diagram Showing Position of Brackets for WHB Drivers Valve	3" to 1' position of valve on outline of engine and components T26 Endorsed: for S29 and T26 class	16.2.93	1893	S29 T26	J15 E4	PT	111	-
8859	General Arrangement of Fish Truck T32	1" to 1' general arrangement of underframe and body of 16' open truck	2.6.93	1893	T32	24M	PT	106	-
8860 -5 Part	Carriage Side Chains	3" to 1' details of 5 link side chain Endorsed: cancelled see Dg No 9296-4	- .4.93	1893	-	-	PT	101	-
8862 Part	G.E.R Liverpool Street Widening-Proposed Alteration to Loco Siding Showing Site for	16' to 1" of site near Primrose Street Endorsed: part of Plan No A7064	27.3.93	1893	-	-	PT	30	-
8862	Liverpool Street Widening-Proposed Temporary Working	1/16" to 1' plan of area between Worship St and platforms ends Nos 4 to 8 showing signals Copy of Engineer's plan No A7064 dated 22.2.93	10.3.93	1893	-	-	PT	120	-
8866	G.E.R Parkeston Engine Shed-Proposed Lighting Up Furnace Top to be Utilised for Drying Wet Sand	½" to 1' sections, 1/8" to 1' for front elevation of shed and arrangement of furnace	21.3.83	1883	-	-	PT	30	-
8872	GN & GE Joint Lines-Section of Gradients-Huntingdon to Black Carr Junction	2 miles to 1" horizontal scale	-	1893	-	-	PT	120	-
8877	Four Wheels Coupled Express Engines Class R22-Motion Arrangement	3" to 1' elevations and plan of motion	- .4.93	1893	R22	D13	PT	121	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8878	GER Diagram of Gradients London to Yarmouth	½" to 1 mile scale My comment: drawn by ACW Lowe	23.5.93	1893	-	-	PT	5	-
8890	Doncaster Engine Shed	40' to 1" plan of 8 road shed by Decoy Bank, shared with LNWR, tank house, coal stage and turntable My comment: for use as the basis for coloured print	14.7.93	1893	-	-	PT	51	-
8894	Details of Mail Apparatus	3" to 1' details of components	5.8.93	1893	-	-	PT	121	-
8898	Diagram Showing Standard Position of Westinghouse and Vacuum Brake Pipes on	1½" to 1' part side and end elevations of a body showing pipes	8.5.93	1893	-	-	PT	120	-
8909	Register Plate for Private Owners Reconstructed Wagons	Full size diamond shaped cast iron plate 5 7/8" sides	13.6.93	1893	-	-	PT	22	-
8921	Diagram of Gradients between Ely and Norwich	½" to 1 mile horizontal scale	-	-	-	-	PT	49	-
8925	Diagram of Gradients Peterborough Branch	½" to 1 mile horizontal scale, Ely to Peterborough	31.5.93	1893	-	-	PT	49	-
8942	Arrangement of Mail Apparatus	1½" to 1' arrangement of external equipment on van. Endorsed: for arrangement of mail van see Dg No 8080	14.6.93	1893	-	-	PT	64	-
8955	Engine No 761-General Arrangement of Four Coupled Engine (Express) Burning Liquid Fuel	1½" to 1' sectional elevations and plan of 2-4-0 engine Petrolea My comment: drawing lacks title, details form Shannon	22.8.93	1893	T24	D13	PT	112	-
8956	Engines No 761 (Tender of) General Arrangement of Liquid Fuel Gear on Tender	1½" to 1' arrangement of Liquid Fuel Apparatus on Tender	22.8.93	1893	S23	-	PT	112	-
9004	Eight Wheels Main Line Passenger Tank Engines Class C32-Arrangement of Condensing Gear	1½" to 1' outline elevations and plan of engine showing arrangement of gear. Endorsed: not required 5.36	22.7.98	1898	C32	F3	PT	120	-
9007	Diagram of Gradients London to Southend	½" to 1 mile horizontal scale	10.11.93	1893	-	-	PT	114	-
9010	Parcels Cart	1½" to 1' general arrangement of 2 wheeled cart length 5'6" inside	5.12.93	1893	-	-	PT	122	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9013	Norwich (Thorpe) Plan of Station Yard	44' to 1" of old and new stations and layout to Wensum Junction Copy of Engineers Plan No A2430 dated 10.6.87 My comment: oil gas works superimposed in red	22.11.93	1893	-	-	PT	120	-
9017	Norwich-Ground Plan of Locomotive Works	33' to 1' plan of works and running shed buildings and their uses	29.11.93	1893	-	-	PT	107	-
9030	Express Parcels Cart	1½" to 1' general arrangement of 2 wheeled covered cart 5'6" inside	5.10.94	1894	-	-	PT	139	-
9038	GER Southend-Engine Shed Drainage	33' to 1" plan of engine shed area with 8' to 1" detail of cesspit and drains Copy of Engineer's Plan No 1924	17.1.94	1894	-	-	PT	127	-
9039	General Arrangement of High Sided Wagon with Fox's Pressed Steel Underframe X32,	1½" to 1' general arrangement of 15' 5 plank open wagon, 2'10¼" deep inside	18.1.94	1894	X32 Y32	17W	PT	118	-
9099	Permanent Way Brake Van Class H34	1½" to 1' general arrangement of 20' brake	9.3.94	1894	H34	38W	PT	168	-
9121	Alterations to 20 Ton Machine Truck	½" to 1' half elevation and plan of 24' 6 wheel truck Endorsed: not carried out. My comment: nature of alterations not defined, estimated cost £65	10.4.94	1894	-	-	PT	86	-
9126	Standard Grease Cart	1½" to 1' general arrangement of 2 wheeled covered hand cart 6'2" inside	17.4.95	1895	-	-	PT	86	-
9130	Engines Nos 209, 210, 228, 229, 226, 227, 230, 231 Boiler	1½" to 1' elevations and sections of boiler Endorsed: altered 11.13 and 2.40	- .12.03	1903	209	Y5	PT	86	-
9131	Dining Car	¼" to 1' side elevation and plan of 3 coach dining train My comment: built in 1891, drawing shows 3rd compartment altered for diners at an unknown date	20.4.94	1894	B29 A29 Z28	13C 111C 405C	PT	86	-
9132 Part	34'6" Main Line Lavatory Composite	¼" to 1' interior plan of carriage	23.4.94	1894	-	206C	PT	135	-
9132	34'6" Main Line Third	¼" to 1' interior plan of 6 compartment	23.5.94	1894	-	404C	PT	135	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part	34'6" Main Line Third	carriage	23.3.94	1894	-	404C	PT	135	-
9132 Part	34'6" Main Line First Class	¼" to 1' interior plan of 5 compartment carriage	23.4.94	1894	-	105C	PT	135	-
9132 Part	Plan of Main Line Carriage 32' Slip Composite	¼" to 1' interior plan of carriage My comment: the four 9132 Part drawings drawn as a single sheet and later separated	23.4.94	1894	-	204C	PT	135	-
9136	Arrangement of Ejector and Automatic Vacuum Pressure Valve on Engines T19, T26 and 221 Classes	1½" to 1' arrangements to suit the 3 classes and full size details of valve Endorsed: for automatic vacuum and pressure valve only see Pt copy 9136	30.4.94	1894	T19 T26 221	D13 E4 -	PT	86	-
9138	Fox's Pressed Steel Suburban Carriage Underframe as Arranged for Laminated Buffing and Drawspring	1½" to 1' arrangement of 26'10½" channel underframe solebar increasing to 10¾" in centre	10.5.94	1894	-	-	PT	86	-
9140	Iron or Steel Underframe for Wagons	1½" to 1' arrangement of 14'11" frame, 9' wheelbase, channel frames with provision for bottom doors Endorsed: traced from GWR foreign traders	- .5.94	1894	-	-	PT	86	-
9160	GER Cambridge-Alterations for Royal Agricultural Show 1894	66' to 1' layout from Bletchley branch north to Coldham Lane box showing 2 island platforms and 5 sidings north of Mill Road box	28.5.94	1894	-	-	PT	39	-
9169	Fox's Pressed Steel Suburban Carriage Underframe Showing Holes Required	1" to 1' arrangement of underframe with webbed solebar length 26'10½", wheelbase 15'6"	- .6.94	1894	-	-	PT	31	-
9174	Standard Tender	1½" to 1' general arrangement 6 wheel 18'3" frame My comment: damaged tracing but no serious loss of detail	27.6.94	1894	-	-	PT	71	-
9175	Four Wheels Coupled Express Engine and Tender	1" to 1' presentation side elevation of 2-4-0 tender engine No 1010	15.6.94	1894	D32	-	PT	72	-
9176	Transverse Views Four Wheels Coupled	1½" to 1' detailed sectional and end elevations	22.7.94	1894	D32	-	PT	72	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9170	Express Engine	My comment: possibly prepared for Railway Engineer	25.7.94	1894	D52	-	PT	72	-
9192	20Ft Covered Carriage Truck K35 Class	1½" to 1' general arrangement of 20'4" truck with bulb L solebars	27.8.94	1894	K35	10M	PT	170	-
9198	Liverpool Street Proposed Additional Water Cranes-3-Alterations to Water Cranes in	66' to 1" location plan and 33' to 1" enlargement	2.7.94	1894	-	-	PT	51	-
9205 A	Steel Reservoirs for Carriages	6" to 1' details of cylinders 2' by 10" dia for Westinghouse brake. My comment: Stores ordering tracing	19.7.94	1894	-	-	PT	51	-
9205 B	Steel Reservoirs for Engines	6" to 1' details of cylinder 2'2" by 1' dia for Westinghouse brake. My comment: Stores ordering tracing	1.2.16	1916	-	-	PT	51	-
9217	Restaurant Cars Nos 16, 17, 24	¾" to 1' general arrangement of 50' clerestory body for 12 wheel underframe and details of gas reservoirs Endorsed: no swell on No 24	- .9.04	1904	-	13C	PT	170	-
9217	Dining Car 50Ft	¾" to 1' arrangement of 50' clerestory body with swell to sides Endorsed: see 9217 dated 9.04	- .5.94	1894	B29	13C	PT	171	-
9218	1st Class Carriage Dining Train	1" to 1' general arrangement of 34'6" clerestory body with corridor	29.9.94	1894	A38	107C	PT	170	-
9219	3rd Class Carriage Dining Train	1" to 1' general arrangement of 34'6" 5 compartment lavatory carriage	10.10.94	1894	B38	406C	PT	170	-
9242	Proposed Main Line Third Class Lavatory Carriage	¾" to 1' plans of two alternatives 32' and 34'6" long	13.9.94	1894	-	-	PT	18	-
9271	85 Lbs Bull Headed Steel Rail	Full size section of 30' rail and elevation of end showing holes for fishplates Copy of Engineer's Plan No A9906 dated 5.98	- .5.98	1898	-	-	PT	137	-
9272	Main Line Brake Van	1" to 1' general arrangement of 32' body	21.5.96	1896	G39	518C	PT	170	-
9274	Pressed Steel 1st and 3rd Class Carriage Underframe-Dining Train	1½" to 1' arrangement of 33'10½" 6 wheel underframe with position of gas reservoirs	19.11.96	1896	A38 B38	107C 406C	PT	171	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9276	Sections of Standard Rails	Full size sections of 11 different companies rails except GER	13.12.95	1895	-	-	PT	81	-
9317	Diagram of Dining Train	½" to 1' detailed interior plans and sectional end elevations of 3 coach train of 6 wheel stock	-	-	-	-	PT	143	-
9318 Part	Diagrams of 1st Class and Lavatory Composite Carriages	½" to 1ft plan and end sectional view of interior of 32' body; 2nd class	-	-	M&R26	205C	PT	1	-
9318 Part	Diagram of First Class and Lavatory Composite Carriages	¼" to 1' interior plan of 32' carriage	21.12.99	1899	-	110C	PT	60	-
9318 Part	Lavatory Composite Carriage	½" to 1' plan of 34'6" interior, sectional end elevation and diagram of underframe	6.1.99	1899	-	206C	PT	66	-
9321	Norwich Plan Showing Position of Oil Gas Works	40' to 1" layout of site and buildings and part of shed area up to Carrow Road	29.11.94	1894	-	-	PT	18	-
9326	18Ft Tram Car	1" to 1' general arrangement of 4 wheel car Endorsed: revised 7.4.03	- .3.95	1895	Z16	600C 601C	PT	86	-
9345	Standard Scroll Irons and Spring Shackles Arranged on 34'6" and 32' Carriage Underframes	1" to 1' side elevation of wood underframe and 3" to 1' details of components	14.1.95	1895	-	-	PT	106	-
9347	Arrangement of Crab, etc. for 12 Tons (Steam Accident Crane)	1½" to 1' of gear and boiler, ¼" to 1' diagram of complete 6 wheel crane with 20'4" frame Endorsed: number of this crane is No 1A	17.2.00	1900	-	-	PT	64	-
9363	General Arrangement of Six Wheels Coupled Goods Engines	1½" to 1' detailed side elevation and plan of engine	3.4.95	1895	N31	J14	PT	112	-
9365	Buntingford Proposed Extension of Engine Pit Siding	33' to 1" plan of station area, siding extended to end of loading dock Copy of Engineers Plan No 23733	27.11.94	1894	-	-	PT	66	-
9368	Blackwall Line-Proposed Lowering of Line	33' to 1" plan of approaches to Blackwall station, lowering under bridge and in bay platform, marked GER, whilst the other platform is for NLR Copy of Engineers Plan No 15460	5.2.95	1895	-	-	PT	60	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9381 A	One Horse Van	1½" to 1' general arrangement of van with tilt and hoops, 9'2¼" floor, 4'10" wheelbase	7.3.95	1895	-	-	PT	138	-
9388 A	One Horse Lorry	1½" to 1' general arrangement of flat lorry 11'6" floor, 6'9" wheelbase Endorsed: cancelled see Dg No 13957	13.3.95	1895	-	-	PT	138	-
9398	Newmarket	1/2500 plan of approaches to old station and entrance to Warren Hill tunnel, showing alternative sites for 16 railway cottages	18.3.95	1895	-	-	PT	135	-
9421	Smokebox for Four Wheels Coupled Express Engines	3" to 1' arrangement and showing cylinders and leading wheels. Endorsed in pencil 'T26 (E4)'	20.12.01	1901	T26	E4	PT	40	-
9422	Westinghouse Brake Pump	Full size detailed arrangement of 6"/6½" pump	23.4.92	1892	-	-	PT	40	-
9428	Diagram of Dining Train with 50ft Saloon	¼" to 1' interior plan of train with bogie dining saloon flanked by 6 wheeled 3rd and 1 st			-	-	PT	143	-
9430	Pair Horse Van	1½" to 1' general arrangement of 4 wheel van 11'9½" outside, 11'7" inside length	11.11.95	1895	-	-	PT	43	-
9431	GER Stratford Low Level-Fork Junction-Proposed Carriage Sidings	40' to 1" plan of nest of 3 sidings, north of Victoria Park line. Copy of Engineers Plan No 22072 dated 2.5.95	14.5.95	1895	-	-	PT	40	-
9432	GER Canning Town-Proposed Alterations for Victoria Park Trains	44' to 1" plan of dock platform on down side and proposed quadrupling of Woolwich line. Endorsed: from District Engineers Plan No 2960S & A5167 Scheme 2 dated 10.5.94	16.5.95	1895	-	-	PT	40	-
9433	Canning Town-Proposed Site for Mushroom Tank and Engine Pit for Engines working Victoria Park Trains	40' to 1" plan of pit at tank at end of dock platform loop on down side	20.5.95	1895	-	-	PT	40	-
9441	Proposed Train Continental Service Liverpool Street and Parkeston	¼" to 1' interior plan of train Endorsed: two trains built to this 'D' removed from number 11.7.06	14.6.95	1895	-	-	PT	89	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9443	Protection Rail at Skinner Street Bridge, Liverpool Street Station	1/16" to 1' plan of railing by bridge abutment	21.6.95	1895	-	-	PT	89	-
9444	GER Stratford-Proposed Milk Lift	1/16" to 1' plan of station area between Colchester and Cambridge main lines, lift hydraulically operated Endorsed: Mr Holden refused to sign this plan, the work is being carried out under protest from him, see letter to Mr Nettleship 21.6.95 Copy of Engineer's Dg A7678	15.1.94	1894	-	-	PT	89	-
9445	Diagram Showing maximum Heights and Widths of Loco Stock when Tyres and Axles are New	1" to 1' end elevation of an engine with table of dimensions for different classes	22.6.95	1895	-	-	PT	114	-
9452	GER Liverpool Street Station-Proposed Alteration to Platforms	1/16" to 1' showing minor alterations to platforms Nos 2-5 Copy of Engineer's plan 22080 dated 19.6.95	1.7.95	1895	-	-	PT	89	-
9458	GER Chadwell Heath Ballast Pit-Proposed Alterations	1½" to 100' plan of yard altering entry to 5 carriage sidings adjoining main line (there are 7 sidings to the north) Copy of Engineer's plan A8364 Scheme 2 dated 10.7.95	15.7.95	1895	-	-	PT	89	-
9468	Stratford Market-Proposed Engine Pit and Water Column (Swan Neck)	1' to 40' plan of area north of Abbey Road by yard entrance	25.7.95	1895	-	-	PT	89	-
9474	Tramway Engines-Arrangement of Automatic Governing Gear with	Full size arrangement of gear and brake	12.8.95	1895	G15 C53	Y5 J70	PT	97	-
9487	Untitled	1½" to 1' general arrangement of 22'0¼" 4 wheel milk van with 2'9" wheels My comment: not built	1.9.95	1895	-	-	PT	167	-
9488	Tram Engines-Arrangement for Driving Automatic Governing Gear	3" to 1" arrangement shown in relation to boiler	4.9.95	1895	G15 C53	Y5 J70	PT	97	-
9489	Liverpool Street Station 50Ft Engine turntable with Hydraulic Machinery-First Instalment	½" to 1' plan and section of table and operating gear Copy of Engineer's Dg A5731	5.9.95	1895	-	-	PT	97	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9492	10 Tons Furniture Wagon R37 Class	1½" to 1' general arrangement of 20' truck	6.11.01	1901	R37	19W	PT	99	-
9500	Dining Saloon-General Arrangement of Underframe	1½" to 1' arrangement of 12 wheel underframe, channel frames with brake gear and gas reservoirs Endorsed: drawgear amended 9.7.14 Dg No 19415	1.5.96	1896	-	-	PT	99	-
9501	Dining Saloon General Arrangement of 6 Wheeled Bogie	1½" to 1' arrangement, wheelbase 11'10" and schedule of drawings of details	25.3.96	1896	-	-	PT	64	-
9518	Sketch of Tip Up Wash Basin	½" to 1' arrangement of basin for use in lavatories My comment: this drawing has been wrongly numbered at a later date	- .3.32	1932	-	-	PT	77	-
9518	Second Class Suburban Carriage Classes H36, D37	1" to 1' general arrangement of 27' 5 compartment body	- .1.96	1896	H36 D37	304C	PT	170	-
9519	Beccles Loco Sidings Proposed Erection of Gas Lamps	Unscaled plan of shed and turntable area	12.10.95	1895	-	-	PT	16	-
9520	Proposed Position of Pit at Brentwood	1" to 1 chain plan of shed and turntable area showing proposed 30' pit sited north of turntable	12.10.95	1895	-	-	PT	79	-
9528	Apparatus For Bending Carriage Roof Sticks	1½" and 3" elevations and plan of steam tight box and cramps to hold several sticks	2.11.95	1895	-	-	PT	77	-
9536	Six Wheels Coupled Tank Engines Class T18-Arrangement of Steam Brake	1½" to 1' shown in relation to rear part of engine	- .10.98	1898	T18	J66	PT	97	-
9542	5 Tons Steam & Hand Crane-General Arrangement	1½" to 1' general arrangement of crane mechanism and vertical boiler Endorsed: for arrangement of underframe see Dg No 9543 and jib Dg No 9549	31.12.96	1896	-	-	PT	96	-
9575 Ren	Six Wheels Coupled Condensing Tank Engines Class C37-Cab and Tanks	1½" to 1' detailed arrangement Endorsed: additional bunker rails added 4.4.25	19.5.15	1915	C37	J67	PT	69	-
9579	GER Romford Station	1½" to 100' plan of station area	10.12.95	1995			PT	95	

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9579	GER Romford Station	Copy of Engineers Dg 1518	19.12.95	1895	-	-	PT	85	-
9588 Part	Lubricator Flange and Injector Connection for Tank Engines Class C37 and T18.	Full size arrangement of flange and connection Endorsed: for Exhaust Steam Injector Co's restarting injector only when used for engines class C37 (T18)	30.12.95	1895	T18 C37	J66 J67	PT	53	-
9597	Hand Brake for Wagons	1½" to 1' arrangement of central vertical lever type on 15' open wagon, 3" to 1' details of components Endorsed: superseded, see Dg No 9691 dated 26.3.96	- .1.96	1896	-	-	PT	138	-
9604	GER Whittlesford-Proposed Engine Pits	40' to 1" layout of yard north of station, up line pit proposed by signal box and water column resited; 1" to 2' section of engine pit Copy of Engineer's undated Plan No 26105	22.1.96	1896	-	-	PT	139	-
9605	Diagram of Maximum Dimensions of Carriage and Wagon Stock when Buffers are	1" to 1' end profile showing extreme projections of several vehicles	- .1.96	1896	-	-	PT	8	-
9606	General Arrangement of High Sided Wagon with Standard 12ft Steel Underframe	1½" to 1' general arrangement of 5 plank wagon; inset shows arrangement of pressed steel shoes and stops to replace cast iron type	-	1894	-	17W	PT	72	-
9620	G.E.R. Standard 10 Tons Wagon with Steel Underframe	¾" to 1' general arrangement of 15' high sided wagon, 5 planks	10.2.96	1896	-	17W	PT	58	-
9633	Doncaster Showing L&NW Shed and GN Tipping Road Entrance	Unscaled, shows part of L&NW shed and dormitory and part of GER land	20.2.96	1896	-	-	PT	60	-
9635	1st Class Carriage Continental Train C38	1" to 1' general arrangement of 32' body with 4 compartments and lavatory	- .2.96	1896	C38	108C	PT	168	-
9636	2nd Class Lavatory Continental Train D38	1" to 1' general arrangement of 34'6" body with 5 compartments	8.3.96	1896	D38	305C	PT	168	-
9637	2nd Class Carriage Continental Train E38	1" to 1' general arrangement of 32' body with 5 compartments	7.3.96	1896	E38	306C	PT	168	-
9638	Brake 2nd Class Carriage Continental Train F38	1" to 1' general arrangement of 34'6" body with 3 compartments	- .4.96	1896	F38	515C	PT	168	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9645	Third Class Lavatory Saloon G38 Class	1" to 1' general arrangement of 34'6" body. Endorsed: toilets altered 26.4.97	5.3.96	1896	G38	116C	PT	64	-
9648	20 Feet Open Carriage Truck Class L38	1½" to 1' detailed general arrangement of 20'3" truck. Endorsed: altered 10.4.02 for A54 and future classes My comment: alteration represents change from bulb L to channel frames	6.3.96	1896	L38	6M	PT	64	-
9660	GER Framlingham	44' to 1" survey of whole of station area	28.3.96	1896	-	-	OI	173	-
9661	Bogie and Underframe Arrangement for HRH the Prince of Wales Saloon	1½" to 1' detailed arrangement of 40'4½" bulb L frame, with dual brake gear and gas cylinders Endorsed: cancelled Dg No 9661 dated 3.3.98	1.6.96	1896	T37	17C	PT	64	-
9661	Bogie and Underframe Arrangement for HRH the Prince of Wales Saloon	1½" to 1' detailed arrangement of 40'4½" bulb L frame, with dual brake gear and gas cylinders	3.3.98	1898	T37	17C	PT	64	-
9663	Saloon No 31 for the HRH The Prince of Wales T37	¾" to 1' arrangement of 41' body with detailed plan of interior. Endorsed: known as the Kings Saloon; revised 28.5.03	1.5.96	1896	T37	17C	PT	64	-
9664	Gangway for Dining Train Y37, A38, B38	3" to 1' arrangement of 2' wide gangway for carriages	- .3.96	1896	Y37 A38 B38	27C 107C 406C	PT	109	-
9671	Enfield	1 chain to 1" layout of proposed 3 road engine shed sited east of carriage sidings	23.3.96	1896	-	-	PT	27	-
9675	Wroxham-Proposed Water Trough for Express Engines to Cromer	66' to 1" plan of 3 sites, two south of station, one with concrete trough Copy of Engineers Plan No A8964 dated 24.3.96	24.3.96	1896	-	-	PT	27	-
9677	Scheme 1-Tramcars for Stoke Ferry Branch	¾" to 1' elevations and plan of a composite and brake third 23'8¾" long 4 wheel tramcars	- .3.96	1896	-	-	PT	27	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9677	Scheme 2-Tramcars for Stoke Ferry Branch	½" to 1' elevations and plan of a composite and brake third 30' long 6 wheel tramcars	- .4.96	1896	-	-	PT	27	-
9677	Scheme 3-Tramcars for Stoke Ferry Branch	½" to 1' elevations and plan of a composite and brake third 30' long 6 wheel tramcars	- .4.96	1896	-	-	PT	27	-
9681 Part	Diagrams of Suburban Carriages-First Class Suburban	½" to 1' side elevation, sectional end elevation and plan of body on Fox's underframe	- .4.96	1896	-	-	PT	30	-
9681 Part	Diagrams of Suburban Carriages-Second Class Suburban	½" to 1' side elevation, sectional end elevation and plan of body on Fox's underframe	- .4.96	1896	-	-	PT	30	-
9681 Part	Diagrams of Suburban Carriages-Third Class Suburban	½" to 1' side elevation, sectional end elevation and plan of body on Fox's underframe My comment: the 3 Part plans 9681 have been separated from a single sheet	- .4.96	1896	-	-	PT	30	-
9692	Hand Brake for Wagons	1½" to 1' arrangement shown on 5 plank open wagon, 3" to 1' details of ironwork of type with vertical central lever	26.3.96	1896	-	-	PT	20	-
9694	Arrangement of Water Pickup on Tenders	1½" to 1' arrangement shown in relation to tender. Endorsed: scoop to Dg No 9695, wrought iron details Dg No 9725	8.7.96	1896	-	-	PT	20	-
9695 Part	Sketch Showing Sleeve on Spindle of Scoop for Water Pickup on Tenders	3" to 1' sketch of sleeve	29.6.97	1897	-	-	PT	13	-
9696	Six Wheels Coupled Goods Engines Class Y14 Arrangement of Steam Brake	1½" to 1' arrangement shown on outline of engine frame	26.3.01	1901	Y14	J15	PT	12	-
9698	GER Liverpool Street Station Signals	1" to 16' layout and signals for the approaches to platforms Nos 13 to 16 and the rearrangement of engine pit, estimated cost £160 Copy of Engineer's Dg No 24169 17.4.96	25.4.96	1896	-	-	PT	12	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9698	GER Liverpool Street Station Signals	1" to 16' layout and signals for the approaches to platforms Nos 13 to 16 and the rearrangement of engine pit, estimated cost £160 Copy of Engineer's Dg No 24169 17.4.96	25.4.96	1896	-	-	PT	-	-
9699	Lavatory Composite	1" to 1' general arrangement of 34'10" 6 wheel body with 4 compartments, lavatory and luggage compartment	16.5.96	1896	O39	208C	PT	167	-
9700	Details of Water Troughs	Full size details of troughs at Tivetshall and Ipswich	- .5.96	1896	-	-	PT	20	-
9702	Diagram of Engine No 97	¼" to 1' side and end elevations	5.5.96	1896	E10	-	PT	5	-
9708	GER Mellis	33' to 1" survey of whole of station area Copy of Land Agents plan dated 28.3.96	10.9.06	1906	-	-	OI	173	-
9723	Diagram of Proposed Milk Van	½" to 1' part arrangement of outside framed 31'4½" 6 wheeled van with 3'6½" diameter wheels	13.5.96	1896	-	-	PT	5	-
9723	Scheme for Milk Van with Floor 3ft 4ins from Rail Standard Height of Platform 3'	½" to 1' part arrangement of outside framed 31'4½" 6 wheeled van with 2'9" diameter wheels	13.5.96	1896	-	-	PT	5	-
9728	22FT Parcels Van Class F39 & P39	1½" to 1' general arrangement of 22' body Endorsed: 7 of P39 were built without partition	22.5.96	1896	F39 P39	34M	PT	167	-
9746	Arrangement of Pipes, Tanks, etc. for Water Troughs	½" to 1' details of water supply to troughs on double track line	29.5.96	1896	-	-	PT	138	-
9749	Steel Underframe for Suburban Carriages L39	1½" to 1' arrangement of 26'10½" channel steel underframe 15'6" wheelbase showing brakes and position of gas reservoirs Endorsed: spring hanging to green for D41, for details see Dg No 10129; alteration to buffing and draw gear 30.11.96	31.7.96	1896	L39	410C	PT	138	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9754 -1	Indicator Diagram of Compound Engine No 230 and Outline of Engine	¼" to 1' diagram	14.1.86	1886	230	-	PT	88	-
9754 -2	Diagrams Taken from Compound Engine No 230	Unscaled diagram	19.4.86	1886	230	-	PT	88	-
9759	10 Tons Accident Crane (Diagram)	½" to 1' outline side elevation of 6 wheel crane 20'6" over headstocks 13' wheelbase showing details of gearing	9.6.96	1896	-	-	PT	91	-
9760	5 Tons Steam Hand Crane Diagram	½" to 1' outline side elevation of 4 wheel crane 17' over headstocks 9' wheelbase showing details of gearing	18.6.96	1896	-	-	PT	91	-
9765	GER Tivetshall-Proposed Alternative Positions for Water Troughs	1 to 2500 plan showing sites for troughs north and south of station Copy of Engineer's plan A8971	31.3.96	1896	-	-	PT	88	-
9778	Liverpool Street Station-Signals	15' to 1" plan of approaches to platforms 11 to 14 showing alterations to accommodate an engine pit between Nos 12 & 13 and associated signals, estimated cost £450 Copy of Engineers Dg No 24210 dated 8.7.96	4.7.96	1896	-	-	PT	-	-
9779	GER Peterborough-Proposed Rearrangement of Yard-Suggestion by Mr Holden July 1896	Unscaled plan of area east of passenger station including engine shed and part of goods yard, nature of alteration not indicated	10.7.96	1896	-	-	PT	-	-
9780	First Class Carriage	1" to 1' general arrangement of 34'6" body with 5 compartments	13.7.96	1896	H39	109C	PT	64	-
9787	Pyewipe Junction-Showing Site of Proposed Site for GE Engine Shed	2 chains to 1" layout of 4 road shed	17.7.96	1896	-	-	PT	37	-
9792	Part Plan of Stratford Works Showing Position of Proposed New Footbridge from	40' to 1" plan of bridge over Cambridge main line and works sidings	21.7.96	1896	-	-	PT	112	-
9799	Alteration to Dining Saloons Nos 16 and 17 from 34'6" to 50'0" K39	1" to 1' elevation, sectional end elevation and interior plan of extended portion of 12 wheel carriage Endorsed: see Dg No 9217 dated 9.04	24.7.96	1896			PT	-	-
		1½" to 1' general arrangement of 29'6" low truck							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9801	Low 10 Ton Machine Truck Class -	Endorsed: solebars altered see shop copy Dg No 10292; see Dg Nos 16014 and 16016 for alterations to clear L&SW and LC&DR loading gauges to LM 4567 dated 7.5.07; for loading baulks see Dg No 16425	- .12.96	1896	-	22W	PT	45	-
9814	Arrangement and Details of Tablet Changing Apparatus	¾" to 1' arrangement in relation to outline of 2-4-0 engine, 3" to 1' details of components	7.8.96	1896	-	-	PT	44	-
9816 A	Large One Horse Van	1½" to 1' general arrangement of road van with 10'2¼" body. Endorsed: altered 13.2.07 to carry 2½ Tons; traced in 11.98 and corrected with addition of brake 8.01	20.8.01	1901	-	-	PT	45	-
9826	Destination Boards and Details	1" to 1' outline elevation of position of board on carriage roof and full size details of brackets	19.8.96	1896	-	-	PT	125	-
9853	Plan of Saloon for HRH The Prince of Wales	½" to 1' interior plan of 41' carriage showing position of furniture	29.9.96	1896	T37	17C	PT	125	-
9879	Milk Van	1" to 1' general arrangement of body of 31'6" 6 wheel van with louvred sides	- .10.96	1896	R39	21M	PT	124	-
9880	Milk Van Underframe	1" to 1' arrangement of 6 wheel 31'4½" bulb L steel underframe with position of brake cylinder	- .2.97	1897	R39	21M	PT	124	-
9884	Arrangement of Coal Wagon with Standard 15' Wagon Steel Underframe	1½" to 1' general arrangement of 15' 7 plank open, body 4'0½" deep	3.11.96	1896	C39	31W	PT	124	-
9886	Batten Wagon with Steel Underframe Class B40	1½" to 1' general arrangement of wagon 22'9" over headstocks	21.11.96	1896	B40	30W	PT	58	-
9895	Arrangement of Fish and Fruit Van	1½" to 1' general arrangement of 22' body with centre pair of doors My comment: Dg replaced by No 9728	-	1896	-	-	PT	58	-
9906	Comparative Statement Giving Particulars of the Requirements by Various Railway Companies for Private Wagon Owners	Chart comparing a range of structural and dimensional requirements for private wagon construction by LSW, L&Y, GN, LNW, SE, GW, TV, MR & NBR	9.9.85	1885	-	-	PT	142	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9908	Private Owners Wagons-Proposed 12 Tons Coal Wagon with Wood Body	¾" to 1' general arrangement of 15' 8 plank body with side door and double bottom doors	- .11.02	1902	-	-	PT	172	-
9909	Private Owners Wagons-Proposed 15 Tons Coal Wagon with Wood Body	¾" to 1' general arrangement of 21' 9 plank body with side door and double bottom doors	- .11.02	1902	-	-	PT	172	-
9911	Drawing 1 Private Owners 10 and 12 Ton Waggons-Standard Waggon with Wood	¾" to 1' general arrangement of 15' 8 plank open	- .1.03	1903	-	-	PT	102	-
9912	Drawing 2-Private Owners Wagons-10 or 12 Tons Wagon with Wood Body	¾" to 1' general arrangement of 15' 8 plank body	- .1.03	1903	-	-	PT	172	-
9913	Drawing No 3 Private Owners 8, 10 or 12 Tons Wagons-Standard Wagon with End Door-Wood Body	¾" to 1' arrangement of 8 plank body on 15' underframe, depth 4' 7¼" Endorsed: for further particulars see Drawing Nos 1 or 2	- .5.04	1904	-	-	PT	43	-
9915	Drawing 4-Private Owner Wagons-10 or 12 Tons Wagon with Steel Body	¾" to 1' general arrangement of 15' steel body, 4'4" deep, side door and double bottom doors	- .1.03	1903	-	-	PT	172	-
9916	Drawing No 3 Private Owners Wagons-10 or 12 Tons Wagon with End Door-Wood Body. Drawing No 5 Private Owners Wagons-10 or 12 Tons Wagons End Door-Steel Body	¾" to 1' general arrangement of 15' body, 8 plank, depth 4'7¼". Endorsed: for further particulars see Drg No 1 or 2 ¾" to 1' general arrangement of 15' steel body, depth 4'4" Endorsed: for further particulars see Drg No 4	- .1.03	1903	-	-	PT	43	-
9917	Drawing 5-Private Owners 10 or 12 Tons Waggons-Standard Waggon with End Door/Steel Body	¾" to 1' arrangement of steel body with wood end doors Endorsed: for further particulars see Dg No 4	5.5.04	1904	-	-	PT	117	-
9921	Lavatory Bogie Composite M40	¾" to 1' general arrangement of 48'3" composite body	14.12.96	1896	M40	209C	PT	168	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9922	Steel Underframe for Lavatory Composite M40 Class	1½" to 1' elevations and plan of frame with brake and gas cylinders	16.2.97	1897	M40	209C	PT	113	-
9923	Four Wheel Bogie for Lavatory Composite Carriage M40 Class	1½" to 1' arrangement of 8' wheelbase bogie with 'B' type axleboxes	23.1.97	1897	M40	209C	PT	113	-
9924	Ironwork for Lavatory Bogie Composite M40 Class	3" to 1' details of components Endorsed: altered for L42 & M42 classes 1.11.97	17.3.97	1897	M40 L42 M42	209C 5C 9C	PT	111	-
9925	Details of Underframe for Lavatory Bogie Composite M40	3" to 1' details of components	17.3.97	1897	M40	209C	PT	111	-
9926	Westinghouse Brake Details for Lavatory Bogie Compo	Full and half size details of components Endorsed: altered for Classes L & M42 18.1.98	27.3.97	1897	M40 L42 M42	209C 5C 9C	PT	111	-
9934	Lancashire, Derbyshire & East Coast Railway Diagram of Gradients	½" to 1 mile horizontal scale; Chesterfield-Lincoln, Beighton Branch and Markham Colliery Branch	18.1.96	1896	-	-	PT	135	-
9945	Proposed Lorry to Carry 5 Tons	¾" to 1' outline elevations of 12' long flat bed lorry, 7'4½" wheelbase	25.11.96	1896	-	-	PT	133	-
9946	Arrangement of Hand Brake for Wagons	1½" to 1' arrangement of brake gear shown on outline of 15' high side open Endorsed: Parker's Patent Vertical Hand Lever	- .11.96	1896	-	-	PT	130	-
9948	Lincoln-Proposed Engine Shed and Accommodation at Pyewipe Junction	33' to 1' plan of 4 road engine shed, coal stage and turntable opposite Pyewipe Jn signal box. Copy of Engineers Plan No A2936	26.11.96	1896	-	-	PT	60	-
9953	GER Felixstowe Proposed New Station	1' to 33' detailed layout from road bridge to terminal buildings. Copy of Engineer's plan No A7670 Scheme 3	27.11.96	1896	-	-	PT	17	-
9954	Sketch of Suburban Third Class Carriage Showing Proposed Partition	1" to 1' sectional side elevation of 5 compartment coach My note: no partition visible	1.12.96	1896	-	-	PT	17	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9955	Buffers and Drawgear for Suburban Carriages X39	1½" to 1' arrangement of gear for channel frames.	-	1896	X39	115C	PT	17	-
9960	Cambridge Showing GER Co. Siding (in Red) on Midland Company Land-Proposed	1" to 44' plan of Mill Road yard and surroundings	7.12.96	1896	-	-	PT	17	-
9976	GER St Ives Signals	1" to 33' plan of station and junction Copy of Engineer's plan No 24281	-	1896	-	-	PT	17	-
9983	General Arrangement of Sand Wagon L40 with Standard 15Ft Steel Underframe	1½" to 1' general arrangement of 4 plank fixed side open wagon	27.1.97	1897	L40	36W	PT	171	-
9990	32'0" Carriage Underframe	1" to 1' arrangement of 31'4½" 6 wheel steel underframe with bulb L solebars Endorsed: work to Alterations shown in green 17.8.99; work to yellow for H47 and future stock excepting brake vans 17.10.99; altered from Bulb to Channel Solebars 20.1.98	17.5.97	1897	-	-	PT	168	-
9992	GER Swaffham-Proposed Extension of Siding	40' to 1" plan showing granary siding extension truncating end of shed road Copy of Engineer's Plan No 26403 dated 4.12.96	5.1.97	1897	-	-	PT	127	-
9994	GER Brandon	33' to 1' plan of station area with proposed alterations, e.g. up platform extension, new footbridge, wagon turntable set back, resited engine pit and extension of head shunt Copy of Engineer's Plan No 26420 dated 11.96	9.1.98	1898	-	-	PT	128	-
9995	Coal Stage and Engine Pit at Thames Wharf	1½" to 1' end elevation of timber stage with locomotive, 1/8" to 1' plan showing pit, coal stage and tank	9.1.97	1897	-	-	PT	128	-
10003	Four Wheels Coupled Bogie Tank Engines Class S44 (G4) Boiler	1½" to 1' arrangement of boiler with full size details	15.11.20	1920	S44	G4	PT	128	-
10018	Standard Parcels Van	1½" to 1' general arrangement of 4 wheel van length 6'10" Endorsed: D&P7177	23.1.97	1897	D&P 7177	-	PT	106	-
10019 Part	Showing Additional Engine Pit and W.C.	Unscaled plan of engine pit on spur and turntable at unknown location	12.1.97	1897	-	-	PT	66	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10019	GER Ipswich-Proposed Carriage Sidings	1/500 layout of yard opposite station showing 6 additional sidings and engine turntable resited Endorsed: subject to inclusion of engine pit, signed J.Holden 21.1.97 Copy of Engineers plan No 24279	15.1.97	1897	-	-	PT	101	-
10020	Steam Fire Engine Truck E39	1½" to 1' general arrangement of 14' well wagon with outline of fire engine Endorsed: not carried out	20.2.97	1897	E39	-	PT	54	-
10028	Arrangement and Details for Pair Horse Vans	1" to 1' outline arrangement of 4 wheel van 11'6" inside and details of hoop	28.1.97	1897	-	-	PT	106	-
10032	GN & GE Railways Pyewipe Junction-Proposed Engine Shed and Accommodation for the GER	33' to 1' plan showing 4 road engine shed, turntable, coal stage and additional goods sidings adjacent to Foss Dyke Canal Endorsed: prepared by GNR Engineer's Office 31.12.96	4.1.97	1897	-	-	PT	80	-
10042	Diagram of 18Ft Tramcar	¼" to 1' elevations and interior plan of composite tram seating 6 1sts and 14 3rds	8.2.98	1898	-	602C	PT	137	-
10044	Diagram of Tramway Engine	¼" to 1' side and end elevation of 0-4-0 tram with outline detail	8.2.97	1897	-	Y6	PT	77	-
10047	Passenger Train Cattle Box Class T40	1½" to 1' general arrangement of 21'5½" body for steel or wood frame Endorsed: see Dg No 9730 for steel frame, Dg No 16849 for wood	27.4.97	1897	T40	19M	PT	64	-
10050	Diagram of 28Ft Tramcar	¼" to 1' elevations and plan of Nos 7 and 8 tramcars	10.2.97	1897	-	603C 604C	PT	77	-
10057	Norwich (Thorpe) Plan of Station Yard Showing Authorised Routes to and from Engine Shed and the Supposed Route taken by Spring-smith Vicary on 23.12.96	44' to 1" scale plan of track and buildings and shows the location and wording of warning notices. My comment: the tracing has been cut in two horizontally for filing purposes	12.2.97	1897	-	-	PT	34	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10057	Norwich (Thorpe) Plan of Station Yard Showing Authorised Routes to and the from Engine Shed and the Supposed Route taken by Spring-smith Vicary on 23.12.96	44' to 1" scale plan of track and buildings, also shows the location and wording of warning notices My comment: the tracing has been cut in two horizontally for filing purposes	12.2.97	1897	-	-	PT	34	-
10059	Covered Carriage Truck V40 Class	1½" to 1' general arrangement of 20'4" truck. Endorsed: altered for A54 and future classes My comment: alteration represents change from bulb L to channel steel frames	6.3.97	1897	V40	10M	PT	64	-
10070	GERly Proposed Site for Watertroughs near Colchester	2" to 4 chains horizontal scale, 1 ½" to 20ft vertical scale plan of main line west of Colchester station showing position of water tank at station but no definition of the precise site of troughs	1.3.97	1897	-	-	PT	177	-
10073	Temple Mills Loco Wagon Works, Leyton Parish, Leyton Level, West Ham Union	1 chain to 1" layout of Wagon Works, field to the north later laid with sidings	2.3.97	1897	-	-	PT	34	-
10074	Diagram of Tramway Engine (Casing Removed)	¼" to 1' side and end elevations of 0-4-0 tram	8.3.97	1897	G15	Y6	PT	34	-
10085	Plan of Railway Lines and Sidings Warren Hill Station, Newmarket	Unscaled plan of island platform and carriage sidings and engine siding Endorsed: copy of tracing from Mr Glaze's office	16.3.97	1897	-	-	PT	105	-
10087	Temple Mills Wagon Works	1" to 1 chain layout of wagon works prior to layout of yard north of works	16.3.97	1897	-	-	PT	105	-
10089	Diagrams of 20ft and 16ft Open Carriage Trucks Giving Minimum Width Between	½" to 1' dimensioned outline elevations and plan of trucks	19.3.97	1897	-	-	PT	106	-
10095	Sketch of Site of Proposed for Water Troughs at Halifax Junction near Ipswich	1" to 1 chain horizontal scale plan of running line and profile	23.3.97	1897	-	-	PT	105	-
10101	Low Machine Truck Arrangement and Details of W. House and Vacuum Brake	1½" to 1' outline arrangement of wagon 3" to 1' details of pipe clips and new coupling hook	24.3.97	1897	E40	22W	PT	106	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10101	Details of W. House and vacuum Brake Pipes	Endorsed: note this truck altered to clear L&SW and SE&C loading gauges, see Dg Nos 16014 and 16016 7.5.07	5.4.97	1897	L40	22W	PT	100	-
10102	32Ft Underframe Arranged for Brake Vans	1" to 1' general arrangement of 6 wheel 31' 4½" wood underframe Endorsed: Vacuum brake added to 6 vehicles of G39 see shop and office copies 19.9.11	12.4.97	1897	-	-	PT	106	-
10109	Diagrams of Cattle Waggon's with Movable Partitions	¼" to 1' outline side elevations of 4 lengths of cattle truck with details of partitions and dimensions	13.4.97	1897	-	-	PT	106	-
10126	Six Wheels Coupled Goods Engines N31, H40 Class-Arrangement of Steam Brake	1½" to 1" arrangement shown in relation to outline of engine framing	26.3.01	1901	N31 H40	J14 J15	PT	32	-
10134	15 Feet Steel Underframe-Arrangement and Details of Platt's Brake	1½" and 3" to 1' brake gear shown on 5 plank high sided wagon, with a cranked lever and rod passing beneath wagon	- .5.97	1897	-	-	PT	38	-
10182	Either Side Hand Brake for Wagons	1½" to 1' outline of truck with arrangement of brake gear, both levers on same end	10.7.97	1897	-	-	PT	96	-
10193	GER Clacton on Sea-Proposed Alterations	1" to 66' plan of whole station showing proposed new siding and connections Copy of Engineer's plan 24392 dated 1.6.97	- .6.97	1897	-	-	PT	98	-
10202	W.C. Fittings for Lavatory Carriages	6" to 1' arrangement of pan with full size details of valves manufactured by G. Jennings	9.8.97	1897	-	-	PT	98	-
10206	Temple Mills Wagon Works-Proposed Extension of Yard Accommodation	1" to 1 chain layout of complete wagon works, proposed wheel and steel frame shop and extension of traffic sidings adjoining Water Works River with description of use of sidings	19.8.97	1897	-	-	PT	98	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10216	General Arrangement of Continental Luggage Boxes & Truck	1" to 1' general arrangement of open truck, wood frame and pair of 11'6" luggage boxes Endorsed: end WH pipes altered to yellow 25.8.04, Nos 112 & 191 to be fitted; Vacuum pipe not required on Continental Corridor Train WH pipe altered to red	10.12.97	1897	Y41	14M	PT	169	-
10219	Bridge Chair	Full size elevations and plan of cast chair	4.9.97	1897	-	-	PT	24	-
10230	Steel Underframe for Royal and Supper Saloons L42 & M42	1½" to 1' arrangement of 47'7½" channel steel underframe with brake rigging and	6.1.98	1898	L42 M42	5C 9C	PT	171	-
10231	Saloon No 5 for HRH the Princess of Wales	¾" to 1' general arrangement of 48'3" body Endorsed: revised 5.03	- .6.98	1898	L42	5C	PT	171	-
10232	Standard Engine Pit	1½" to 1' sectional side and end views of pit dimensions 3' deep from rail level, width 3'9"	3.4.00	1900	-	-	PT	24	-
10236	Proposed Extension of Jubilee Shed, Stratford	1 chain to 1" plan of an additional 6 line extension on north side of existing shed, conflicting with coal stacks Endorsed: 'Note present position of coal stacks shown in red 5.8.99'	16.9.97	1897	-	-	PT	24	-
10242	Diagram of Coal Wagon	3/8" to 1' diagram of 7 plank 15' long, 9' wheelbase	23.9.97	1897	-	-	PT	27	-
10243	GER Tottenham-Proposed Additional Sidings	44' to 1' plan of yard, south of station, showing 3 additional sidings on east side Copy of Engineers Plan No A9594	6.11.97	1897	-	-	PT	46	-
10262 -1	Temple Mills-Proposed Extension of Sidings on Down Side	66' to 1" shows wagon works and sidings to north, defining loco and goods department sidings in colour Copy of Engineer's plan No A9606 dated 3.11.97	- .3.97	1897	-	-	PT	118	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10262 -2	Temple Mills-Proposed Extension of Sidings on Down Side	66' to 1" shows wagon works and sidings to north, defining loco and goods department sidings in colour Copy of Engineer's plan No A9606 undated	3.11.97	1897	-	-	PT	118	-
10273	3rd Class Lavatory Carriage	1" to 1' general arrangement of 34'6" 5 compartment body with lavatory	15.11.97	1897	S42	407C	PT	169	-
10281	First Class or Supper Saloon No 11	¾" to 1' general arrangement of 48'3" clerestory body with sections Endorsed: revised 4.03	- .9.04	1904	M42	9C	PT	171	-
10282	Combined Ballast & Sleeper Wagon ClassE43	1½" to 1' general arrangement of 19'3" dumb buffered open wagon	18.12.97	1897	E43	41W	PT	109	-
10288	Refrigerator Van	1½" to 1' arrangement of body of 14'11" covered van Copy of Midland Rly Dg No 419 dated 4.11.87	12.11.97	1897	-	-	PT	173	-
10289	Standard Main Line Boiler Classes T19. T26, D27, N31, C32, Y14	1½" to 1' general arrangement of boiler with full size detailing Endorsed: for new arrangement of tubes see Dg No 15099 26.11.06	17.11.97	1897	T19 T26 D27 N31 C32 Y14	D13 E4 - J14 F3 J15	PT	109	-
10291	Arrangement and Details of Alarm Indicator for Carriages	3" to 1' arrangement and full size details of components My comment: the indicator at danger displays a 4" diameter disc	18.11.97	1897	-	-	PT	68	-
10306	Arrangement of Gunpowder Van M43, F51, F55, S53, A59	1½" to 1' general arrangement of 16'1" van Endorsed: altered 23.3.05 for A59 and future classes; see Dg No 13499-2 for alterations to ironwork and notice plate	20.12.97	1897	M43	9W	PT	68	-
10311	Spark Arrestor for Four Wheels Coupled Shunting Engines 209 (Y5 Class)	Full size elevation and plan - a tinted tracing	13.12.97	1897	209	Y5	PT	108	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10314	Section Showing Clearance Between Water Trough and Scoop Distance of Scoop Below	3" to 1' cross section of trough and position of scoop	- .6.98	1898	-	-	PT	108	-
10334	End of Suburban Steel Underframe as Fitted with Main Line Buffing and Drawgear	1½" to 1' part elevations and plan of arrangement	- .1.98	1898	-	-	PT	108	-
10344	Ilford Station-Proposed Engine Shed	1/8" to 1' elevations, plan and section of 3 road shed 161' long by 41' wide inside Copy of Engineers plan A9732 dated 12.1.98	21.2.98	1898	-	-	PT	79	-
10362	Arrangement of Restaurant Car	¾" to 1' detailed general arrangement of body and interior of 55' 12 wheel car Endorsed: altered 4.3.03	13.2.00	1900	F45	18C	PT	64	-
10363	Underframe for 1st and 3rd Class Restaurant Carriages F45 & G45	1½" to 1' detailed arrangement of underframe, outline of bogie, position of	8.12.98	1898	F45 G45	18C 412C	PT	64	-
10364	10 Foot 4 Wheeled Bogie for Breakfast and Tea Saloon	1½" to 1' detailed general arrangement	17.3.98	1898	M42	9C	PT	64	-
10378	Alterations to Tenders R43 Class Coal Incline	1½" to 1' outline sectional elevation and plan of coal space Endorsed: note work to red dimensions for large (3,300 gallons) tenders and T46 Class 3.7.03 My comment: tracing damaged but all detail present	- .5.03	1903	R43 T46	-	PT	90	-
10378 Att	Alteration to Tender Tank R43 Class	1½" to 1' outline end elevation from footplate end. Endorsed: cover added 21.11.04	19.2.03	1903	R43	-	PT	52	-
10387	Diagram of 14 Ton Machine Truck	¾" to 1' diagram of 25'6" truck	9.3.98	1898	-	25W	PT	90	-
10388	Diagram of 20 Ton Machine Truck	¾" to 1' diagram of 25'6" truck							
10392	Spitalfields Coal Depot-Proposed Connections with East London Railway Complete Scheme	1" to 33' plan of existing layout from Granary box east and proposed works and wagon hoist Copy of Engineer's plan A7184 dated 6.3.97 estimated cost £26,210	- .3.97	1897	-	-	PT	94	-
10393	Diagram of Low 10 Ton Machine Truck	¾" to 1' diagram of 29'6" truck.	9.3.98	1898	-	-	PT	52	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10397	Tender Class T46 Liquid Fuel Tank	1½" to 1' arrangement of tank only 6'4" long by 5'11½" wide. Endorsed: altered 10.5.21	10.3.01	1901	T46	-	PT	52	-
10401	Bogie Single Express Engines P43 Class-Driving Wheels	3" to 1' elevations of 6'6" wheel without tyre and full size section with tyre	- .9.98	1898	P43	-	PT	131	-
10411	Cast Steel Motion Plates-Bogie Express Single Express Engine P43	3" to 1' elevations and plan of motion plate	18.2.98	1898	P43	-	PT	126	-
10417	Outside General Arrangement P43	1" to 1' side elevation of engine and tender with lettering, My comment: presentation quality drawing	8.2.98	1898	P43	-	PT	47	-
10424	Bogie Single Express Engines P43 Class-Smokebox	3" to 1' sectional elevations of smokebox and cylinder	- .10.98	1898	P43	-	PT	131	-
10427	Bogie Single Express Engines Class P43-Outside Driving Axlebox	6" to 1' elevations and sections	8.10.03	1903	P43	-	PT	126	-
10437	Bogie Springs-Bogie Single Express P43	3" to 1' arrangement of inverted 15 plate spring, 4'2¾" centres Stores ordering tracing	19.3.98	1898	P43	-	PT	126	-
10439 -2	Engine Springs	3" to 1' elevations and plan of 10 plate spring 3'5¼" centres Endorsed: outside trailing P43 engines	23.3.98	1898	P43	-	PT	120	-
10439 -1	Engine Springs-Outside Driving Spring P43 Class Engines	3" to 1' arrangement of 9 plate spring, 3'5¼" centres with full size detail Stores ordering tracing	23.3.98	1898	P43	-	PT	126	-
10462	Bogie Single "Wheel" Express Engines Class P43 Arrangement of Outside Trailing	Full size, fully dimensioned with 9" by 6" journal	5.6.98	1898	P43	-	PT	61	-
10470	Cast Steel Engine Wheels for S44 Bogie Tank Engines	3" to 1' of driving and leading wheel 4'4" on rim My comment: Stores ordering tracing	16.12.98	1898	S44	G4	PT	61	-
10475	Bogie Single Express Engine-General Arrangement	1½" to 1' general arrangement of 4-2-2 Single with 7'0" wheels	- .1.99	1899	P43	-	PT	47	-
10476	General Arrangement of Tender R43 Class	1½" to 1' side and end elevations and plan with water pickup details and fuel well tank	- .1.99	1899	P43	-	PT	47	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 22.1.12 deletion of strut for communication cord							
10483	Four Wheels Coupled Bogie Express Engines S46 Class Smokebox Door	6" to 1' elevation and section of 4'7" diameter door. Endorsed: cancelled see Dg No 14980	27.6.00	1900	S46	D14	PT	61	-
10487	Four Wheels Coupled Bogie Express Engines S46 Class-Cab and Splashers	1½" to 1' arrangement of cab and splashers on outline of engine. Endorsed: altered 20.9.20			S46	D14	PT	63	-
10493	Four Wheels Coupled Express Engines Class S46-Framing	1½" to 1' arrangement of frames Endorsed: several undated alterations	- .8.99	1899	S46	D14	PT	122	-
10493 Att	Alterations to Framing for S46 Class Engines with Belpaire Boilers	1½" to 1' part side elevation and plan of rear part of frame	3.2.15	1915	S46	D14	PT	175	-
10495	Four Wheels Coupled Bogie Express Engines Class S46-Bogie Arrangement	3" to 1' elevations, sections and plan of 6'6" wheelbase bogie My comment: right hand side of tracing missing some detail lacking; checked by Fred Russell	25.4.00	1900	S46	D14	PT	175	-
10495	Four Wheels Coupled Bogie Express Engines Class S46-Bogie Arrangement	3" to 1' outline side and elevations and sections Endorsed: see Dg No 23984; made for special purposes	- .4.07	1907	S46	D14	PT	176	-
10498	Four Wheels Coupled Bogie Express Engines S46 Class-Smokebox	3" to 1' sectional side end elevations of smokebox, cylinders and details of chimney	25.6.00	1900	S46	D14	PT	176	-
10499 Ren	Engines Types D15 and D16 and J17 Slide Valve Cylinders	3" to 1' arrangement of cylinders Endorsed: altered 18.2.39 and other undated alterations; for engines class J17 see attachment	9.11.37	1937	-	D15 D16 J17	PT	93	-
10502 Part	Sets Cast Steel Roof Bars for Four Wheels Coupled Tanks E10, R10, X13	3" to 1' elevations and sections. My comment: Stores ordering tracing	24.3.98	1898	E10	-	PT	55	-
10503	Park-Proposed Sidings	66' to 1" plan of proposed marshalling yard. Endorsed: gradients and levels added 13.11.97	21.12.97	1897	-	-	PT	55	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Engineers Plan No A7391, part of scheme 4							
10506	Composite Lavatory Carriages for Royal Train Class A44 Nos 541 and 542	¾" to 1' general arrangement of 41' body for bogie carriages	22.4.98	1898	A44	210C	PT	58	-
10507	Underframe for Royal Composite Carriages A44	1½" to 1' general arrangement of 40'4½" bulb-L steel frame, dual braked Copy of Pressed Steel Bogie Leeds Forge Dg No 2806	- .9.98	1898	A44	210C	PT	58	-
10511	Foundation for 25 Ft Steam Traversers for Temple Mills	¾" to 1' sections of foundations with outline of traverser	30.3.98	1898	-	-	PT	55	-
10515	Steam Sanding Apparatus (Double) Patent	6" to 1' outline and details of Midland type engine showing position of apparatus Copy of Gresham & Craven Dg No 3640.94 dated 19.1.98	-	1898	-	-	PT	55	-
10518	GER Parkeston Proposed 20 Cottages and Barracks to Accommodate 50 Men	66' to 1" site plan and 8' to 1" ground plan of buildings sited to west side of road to Parkeston, north of reservoir. Copy of Engineers Plan No A9823 dated 23.3.98	23.3.98	1898	-	-	PT	58	-
10519	Leading Axleboxes Fitted with Controlling Gear	3" to 1' elevations and plan of wheel and engine frame	22.4.98	1898	-	-	PT	56	-
10539	Untitled	1½" to 1' outline of boiler and elevations of spark arrestors for 1060 Class, 610 Class and 710 and 1000 Class My comment: appears to be unfinished	7.5.98	1898	Y14 T19 D27	J15 D13 -	PT	108	-
10545	Doncaster-Collision between GN Engine Nos 301 and 720 and GE Engine No 926 on 1.4.98	1" to 66' plan of site north of Carr box	4.5.98	1898	-	-	PT	36	-
10547	Diagrams of Main Line Brake Van and Brake Third	½" to 1' outline plans and internal sections of 32' van and 34'6" brake third	19.5.98	1898	-	-	PT	17	-
10555	Standard 15Ft Steel Wagon Underframe	1½" to 1" arrangement of channel steel frame with 9' wheelbase			-	-	PT	20	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10556 Part	Diagrams of Wide Suburban Carriages	½" to 1' outline side elevation and sectional end views of 1st, 2nd 308C & 3rd class 27' carriages	7.8.00	1900	-	113C 308C 408C	PT	31	-
10558	Diagrams of Proposed Main Line Brake Van with Part of Floor Level with Platform	½" to 1' outline elevations and plans of 32' brakes on 2'9" wheels with sliding doors to luggage compartment	25.5.98	1898	-	-	PT	17	-
10561	Hand Brake to Apply or Release from Either Side	1½" to 1' elevation and plan of arrangement, both levers at same end of wagon Copy of Dg No 28 of Sheffield & Twinberrow, Newcastle on Tyne	25.5.98	1898	-	-	PT	41	-
10570	Six Wheeled 20 Ton Machine Truck Class Z44	1½" to 1' general arrangement of 24' 6 wheeled truck Endorsed: axlebox and journal on centre wheels amended 21.7.14	- .6.98	1898	Z44	26W	PT	43	-
10596	Diagram Showing Maximum Heights and Widths of Locomotive, Carriage and Wagon Stock when Tyres are New	1" to 1' end profiles of engines and stock and schedule of dimensions for stock.	1.11.99	1899	-	-	PT	61	-
10599	Plate Glass Wagon Class A45	1½" to 1' general arrangement of 25' plank open wagon with central well	- .7.98	1898	A45	20W	PT	169	-
10611	Arrangement of Buffing and Draw Gear on Close Coupled Carriage Stock	1½" to 1' part plan of underframe with centre link coupling and short buffers	23.7.98	1898	-	-	PT	96	-
10632	M&GN Railways Joint Committee-Proposed Water Supply and Engine Shed Mundesley	1/500 scale survey of station area plus 1/8" to 1' elevations and plan of 2 road 45' long shed, 27' wide and its rail connections Copied from M&GN drawing	28.8.98	1898	-	-	PT	173	-
10636	34Ft 6Ins Carriage Underframe	1" to 1' general arrangement of channel steel 33'10½" underframe showing brake gear and gas reservoirs	21.9.98	1898	-	-	PT	96	-
10641	Arrangement of Refrigerator Van B45	1½" to 1' general arrangement of 16'3" van	6.10.98	1898	B45	14W	PT	65	-
10648	60 Tons Hydraulic Travelling Crane for Loco Repairs Shop-General Arrangement	¾" to 1' arrangement of overhead crane 40' centres	24.1.99	1899	-	-	PT	130	-
	Roof Sections for Breakfast Train Class E45	2" to 1' detailed sections of two types of			E45	112C			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10651	Roof sections for Breakfast Train Class E45, F45, G45	3' to 1' detailed sections of two types of clerestory roof construction	30.9.98	1898	F45 G45	18C 412C	PT	130	-
10653	First Class Carriage Restaurant Train E45	¾" to 1' general arrangement of 48'3" clerestory body	- .2.03	1903	E45	112C	PT	65	-
10654	Third Class Carriage of Restaurant Cars G45	¾" to 1' general arrangement of 55' body, 8 wheels Endorsed: altered 1.2.00 and 7.3.03	28.10.98	1898	G45	412C	PT	65	-
10660	Travelling Liquid Fuel Tanks Class D45 Capacity 2,300 Gallons	1½" to 1' general arrangement of 15' cylindrical tank wagon. Endorsed: filler modified, no date	7.10.98	1898	D45	35W	PT	65	-
10673	GER Hunstanton-Proposed Loco Accommodation	66' to 1' of proposed 2 road shed to south of station area and 50' turntable to replace existing 40' table near Hotel. Copy of Engineers Plan No A10145 Scheme 2	13.10.98	1898	-	-	PT	60	-
10680	Four Wheeled Bogie for Lavatory Corridor Composite O45 & P47	1½" to 1' arrangement of 8' wheelbase bogie	12.4.99	1899	-	211C 212C	PT	4	-
10683	Diagrams of Bogie Tank Engines	½" to 1' outline side elevations of 0-4-4T 61 Class and F & X13 Class	14.11.98	1898	61 F&X13	-	PT	4	-
10684	Transverse Section of Suburban Brake Third No 349 Showing Stepboards	1" to 1' section through body and footboards	15.11.98	1898	-	504C	PT	16	-
10688	GER Whittlesford Proposed New Tank House	40' to 1" plan of station area either side of level crossing. Copy of Engineer's plan No 27223	19.11.98	1898	-	-	PT	4	-
10690	Wide Suburban Third Class Carriage Class P46	1" to 1' general arrangement of 27' body. Endorsed: cancelled see Dg same number dated 25.4.99	- .12.98	1898	P46	408C	PT	65	-
10696	GER Clacton on Sea-Proposed New Station	66' to 1" layout of completely new layout and station building with little reference to existing features Endorsed: plan amended 27.3.99 in respect of engine accommodation Copy of Engineers Plan No 26857 Scheme 4 dated 19.7.98	23.11.98	1898	-	-	PT	41	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10697	Either Side Hand Brake for Wagons	1½" to 1' arrangement of gear superimposed on outline of steel framed high side wagon, levers at same end of wagon	- .12.98	1898	-	-	PT	43	-
10701	Diagrams of Heaviest GER Engines Giving Particulars of Wheelbase and Weights and Diameters of Wheels	¼" to 1' diagrams of 4-2-2 passenger, 0-6-0 goods and 2-4-2 tank engines	30.11.98	1898	-	-	PT	40	-
10701 Part	Diagram Giving Particulars of Wheelbase, Weights and Diameters of Wheels of	¼" to 1' diagram	22.6.99	1899	P43	-	PT	40	-
10703	Fox's Pressed Steel Carriage Bogie Classes L42, M42, A44, E45	1½" to 1' arrangement of 8' wheelbase bogie	10.12.98	1898	L42 M42 A44 E45	5C 9C 210C 112C	PT	43	-
10705	Corporation of West Ham	88' to 1" plan of Leyton Road, with improvement line and position of proposed urinal at Angel Place	6.7.93	1893	-	-	PT	46	-
10710	Electric Passenger Communication Combined Brake and Electric Coupling	Full size details of coupling between carriages and arrangement of couplings for 3 coach train	- .12.98	1898	-	-	PT	4	-
10717	Steel Underframe for Fish & Fruit Vans R45 Class	1½" to 1' general arrangement of channel steel underframe 21'4½" with 13'6" wheelbase My comment: tracing torn but complete	6.1.99	1899	R45	34M	PT	94	-
10722	Underframe for Corridor Composite Carriage 045	1½" to 1' details of underframe and dual brake	22.3.99	1899	O45	11C	PT	132	-
10727	Gangway for Breakfast and Tea Train E, F & G45	3" to 1' arrangement of gangway with 6" to 1' detail of fittings	16.1.99	1899	E45 F45 G45	112C 18C 412C	PT	135	-
10732	Coaling Stage	3/8" to 1' elevations of double sided raised stage showing engines being coaled and coal truck unloading, 3" to 1' detail of C.I. girders, and 40' to 1" plan and elevation of complete stage My comment: assumed to be at Stratford	- .1.99	1899	-	-	PT	131	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10734	GER Temple Mills-Proposed Water Column	66' to 1' of area near present Ruckholt Road	11.1.99	1899	-	-	PT	26	-
10741	(Trains, Dining Breakfast & Tea-Diagram Showing Formation)	¼" to 1' interior plan showing 3 carriage dining train comprising 48'3" 1st lavatory, 55' dining, breakfast and tea saloon and 55' 3rd lavatory bogie	17.1.99	1899	-	-	PT	26	-
10777	Arrangement of Combined Westinghouse, Vacuum and Hand Brake for 34Ft 6Ins Brake Thirds	1½" to 1' arrangement of brake gear shown on part of channel steel underframe Endorsed: cancelled, for underframe see Dg No 10636	21.2.99	1899	-	-	PT	139	-
10779	Temple Mills-Proposed Extension of Sidings on Down Side	66' to 1' plan showing completed wagon works but existing and proposed sidings are not clearly defined	15.2.99	1899	-	-	PT	62	-
10784	Steel Underframe for Wide Suburban Carriages Classes K42, B46, C46, D46	1½" to 1' arrangement of 26'10½" channel steel underframe, 15'6" wheelbase showing brakes and position of gas reservoirs My comment: numerous alterations to suit different classes of carriage	29.5.99	1899	K42 B46 C46 D46	113C 308C 408C 520C	PT	138	-
10791	Six Wheels Coupled Goods Engine Classes I45, S45, X45-Cab	1½" to 1' detailed arrangement of cab with full size riveting detail Endorsed: work to red for engines without vacuum brake, work to blue for engines with vacuum brake 3.34	- .6.21	1921	I45 S45 X45	J15	PT	130	-
		66' to 1" plan of main line from west of Goodmayes station site to							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10799	Chadwell Heath-Proposed Sidings	Chadwell Heath station showing proposed quadrupling and goods sidings on south side of main line. An attached plan shows proposed engine spur by Stoop Lane with pit and water column. Copy of Engineers Plan No A10402 dated 3.3.99	17.3.99	1899	-	-	PT	30	-
10801	Travelling Workshop for Messrs. Pooley & Son-Arrangement of Body	1½" to 1' general arrangement of body and portable steps	28.6.99	1899	-	45W	PT	29	-
10803	Travelling Workshop for Messrs. Pooley & Son-Arrangement of Underframe A46	1½" to 1' arrangement of underframe, running and Westinghouse brake gear	3.6.99	1899	-	45W	PT	29	-
10816	GER Tivetshall Water Troughs for Express Engines	Plan of troughs south of Tivetshall station with section of trough and tank house	30.3.99	1899	-	-	PT	4	-
10819	Weight in Working Order	¼" to 1' side elevation of L&YR 0-4-4 tank engine Copy of L&YR drawing 10.3.99	6.4.99	1899	-	-	PT	4	-
10836	Plan of Oil Gas Works	1/8" to 1' layout of plant and holders Endorsed: cancelled see Dg same No 4.01	13.2.00	1900	-	-	PT	67	-
10838	Engines Y14-J15 Class Smokebox	3" to 1' arrangement of smokebox My comment: retraced	- .10.23	1923	Y14	J15	PT	67	-
10838 Att	Arrangement of Westinghouse and Vacuum Exhaust Pipes	3" and 6" to 1' showing detail of smokebox	- .9.50	1950			PT	67	-
10857	Wood Underframe for HRH The Princess of Wales' Saloon LM2586	1½" to 1' arrangement of 47'7½" flitched wood underframe with details of brake rigging	29.5.99	1899	LM2586	5C	PT-C	171	-
10879	Tenders Classes T46 to E56 Passenger, I50 (last 7) to H57 Goods Inclusive (Oil Fuel D15), D15, J17-Frame	1½" to 1' elevations and plan for tender frame with 4'1" wheels. Endorsed: numerous amendments; for future tenders see Dg No 16889	25.6.00	1900	T46 I50	D14 J17	PT	48	-
10885	Outline of Wagon Drawhooks for GE Railway, Midland Railway and Private	Full size composite elevation of 3 types of hook	27.6.99	1899	-	-	PT	125	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10886	Low Sided Wagon B48 Class	1½" to 1' general arrangement of 15' 3 steel framed dropside wagon with fixed ends	10.10.99	1899	B48	18W	PT	141	-
10897	Arrangement of Underframe for 48'3" Bogie Carriages P47 Class	1 ½" to 1' side and end elevations, sections and plan of 47'7 ½" underframe with details of dual brake equipment and gas reservoirs Endorsed: altered 4.5.00	18.7.99	1899	P47	212C	PT	177	-
10907	Boiler for Engines Class S46 and F48	1½" to 1' arrangement of boiler and firebox with full size details of riveting	17.11.99	1899	S46 F48	D14 J16	PT	34	-
10915	Tenders Class T46-Tank	1½" to 1' elevations and plan of tank and platework	24.7.99	1899	T46	-	PT	48	-
10921	Crossover Road-Waltham Cross Station 10 Chains Radius	½" to 1' outline of two 6 wheel carriages on crossover without ill effect	2.8.99	1899	-	-	PT	46	-
10922	Spiral Springs for Balancing Doors	Full size spring Endorsed: low sided wagon doors 1.9.99; cancelled see Dg No 10922A dated 2.6.00	1.9.99	1899	-	-	PT	46	-
10922 A	Spiral Springs for Balancing Doors	Full size spring Endorsed: for doors of low sided wagons 1.6.00	2.6.00	1900	-	-	PT	46	-
10923	Steel Underframe for Wide First Class Suburban Carriages Classes K42, L48	1½" to 1' arrangement of 26'10½" frame. Endorsed: altered 15.5.01; cancelled, see Dg No 12927	27.10.99	1899	K42 L48	113C	PT	45	-
10924	Steel Underframe for Second and Third Class Wide Suburban Carriages Classes B46, C46, M48, O48.	1½" to 1' arrangement of 26'10½" frame Endorsed: superseded by Dg No 14345	27.10.99	1899	B46 C46 M & O48	308C 408C	PT	45	-
10925	Steel Underframe for Wide Suburban Brake Thirds Classes D46, P48, I49 27.10.99 - 520C	1½" to 1' arrangement of 26'10½" frame, and 1/10" to 1' key plan of train Endorsed: stepboards and body brackets altered in 1900; superseded by Dg No 14345	27.10.99	1899	-	520C	PT	45	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10926	Manor Road Sidings-Proposed Alterations	44' to 1" layout, replacing a single siding with 3. Copy of Engineers Plan No A10506 Scheme 2 dated 4.7.99	4.7.99	1899	-	-	PT	46	-
10927	14 Ton Machine Wagon D48 General Arrangement	1½" to 1' general arrangement of 28'4" truck. Endorsed: renewal tracing dated 28.10.43, original tracing missing	3.10.99	1899	D48	25W	PT	45	-
10952	Four Wheels Coupled Express Engines S46 Class-Eccentric Straps and Rods	Full size arrangement	24.2.00	1900	S46	D15	PT	89	-
10957	Four Wheels Coupled Bogie Express Engines Class S46-Motion Arrangement	3" to 1' elevation and plan of motion	27.7.00	1900	S46	D14	PT	131	-
10988	Four Wheels Coupled Bogie Express Engine S46 Class-Chimney Top	Full size elevation and section	11.10.99	1899	S46	D14	PT	116	-
10990	Four Wheels Coupled Bogie Express S46 Class-Chimney	Full size elevation and section, 3" to 1' plan of base Endorsed: inner chimney altered 13.1.10	5.7.00	1900	S46	D14	PT	116	-
10995	Arrangement of Hand Brake for Wagons	1½" to 1' arrangement on 15' high sided open and 3" to 1' details of components	22.5.01	1901	-	-	PT	117	-
10995	Patent Either-Side Hand Brake for Wagons	1½" to 1' undimensioned arrangement of Parker's No 1 applied to outline of 15' high sided open	22.5.01	1901	-	-	PT	117	-
10998	General Arrangement of Egg Wagon I48 Class	1½" to 1' general arrangement of 19'3" wagon on steel underframe	2.11.99	1899	I48	13W	PT	132	-
11009	Four Wheels Coupled Bogie Express Engines S46 Class also Type J70 Safety Valve	Full size arrangement and details Endorsed: altered 5.22	-	1899	S46	D14 J70	PT	61	-
11010	(Engine No 1900)	1" to 1' presentation drawing showing lettered side elevation of No 1900			S46	D14	PT	63	-
11016	GER Proposed New Station at Bury St Edmonton	33' to 1' layout of station north of Church St, booking office on overbridge Copy of Engineer's Plan No A10462 dated 7.99	31.10.99	1899	-	-	PT	139	-
		Full size arrangement of lubricator							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11018	Double Sight Feed Lubricator-2 Quart Size	Copy of J. Stone & Co Dg No 5863 dated 25.10.99	1.11.99	1899	-	-	PT	139	-
11019	Four Wheels Coupled Bogie Express Engines Class S46-Rod, Pipe, Injector and Liquid Fuel Arrangement	1½" to 1' side and end elevations and plan. Endorsed: altered 2.9.25	23.10.00	1900	S46	D14	PT	47	-
11020	Four Wheels Coupled Bogie Express Engines Class S56-Clothing Arrangement	1½" to 1' side elevation and end sectional elevation showing boiler clothing with 6" to 1' details	- .7.00	1900	S56	D15	PT	139	-
11026	Seven Kings to Romford Factory Widening- Alterations and Additional Goods Accommodation at Romford.	1 chain to 1" showing new running lines and enlargement of low level goods yard Endorsed: see Plan No A10025 for through plan of widening Copy of Engineers Plan No A10146 Scheme 2 dated 16.12.98	3.11.99	1899	-	-	PT	26	-
11027	Diagram of Gradients	½" to 1 mile horizontal scale diagram of London to Ipswich, Ipswich to Cromer, via Wensum Curve and Ipswich to Yarmouth South Town	3.11.99	1899	-	-	PT	26	-
11028	Plan Showing Proposed New Saloon Shed and Mess Rooms with Lamp Shop, Stores and Millwrights Office, etc. Above. Old Building to be Removed Shown in Chain Dots	1" to 40' plan of proposed 4 road shed 350' by 70' sited north of gasworks at Stratford	3.11.99	1899	-	-	PT	26	-
11033	Four Wheels Coupled Bogie Express Class S46-Brake Arrangement	1½" to 1' outline side and end elevations and plan of brake arrangement. Endorsed: for brake details see Dg No 10996	- .11.99	1899	S46	D14	PT	47	-
11043	16ft Open Carriage Truck T48	1½" to 1' general arrangement of underframe and body	15.11.99	1899	T48	5M	PT	3	-
11048	Brightlingsea Proposed New Station	33' to 1" existing and proposed layout of whole terminus, shed on south side of line, and 16' to 1" interior layout of new station building	1.11.99	1899	-	-	PT	3	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Ipswich Engineer's plan No 10434A Scheme No 4, dated 20.10.99							
11051	Brightlingsea-Proposed Site of Loco Accommodation	33' to 1" of yard with loco shed near signal box My note: not built in this position	16.11.99	1899	-	-	PT	3	-
11053	Diagram showing Formation of 10.10 train from Fenchurch Street to Woolwich on	1/8" to 1' diagram of train headed by engine No 158	15.10.99	1899	-	-	PT	3	-
11059	Four Wheels Coupled Bogie Express Engines Class S46 Reversing Arrangement	3" to 1' shows two possible positions for the gear Endorsed: for Class F53 see Dg No 10760	-	1899	S46	D14	PT	3	-
11061	General Arrangement of Coal Wagon with Steel Floor Class D&E49	1½" to 1' general arrangement of 15' 8 plank wagon	9.4.00	1900	-	32W	PT	38	-
11076 Ren	5½" Regulator	Full size fully dimensioned arrangement for engines B12, J20, D15, J17 and N7 Endorsed: renewal tracing, altered 3.10.56 for new work only	28.2.48	1948	-	B12 D15 J17 J20 N7	PT	33	-
11082	GER Chingford-Proposed Alterations	1" to 33' layout of sidings and terminal station with existing and proposed track and signals Copy of Engineer's plan No 5113S Schedule 2	5.12.99	1899	-	-	PT	8	-
11083	Diagram of Dining Train Nos 16 and 17 Sets	¼" to 1' interior layout of 3 coach set, carriages Nos 16 and 17 50' long with 1st and 3rd class dining accommodation	6.12.99	1899	B29	27C	PT	8	-
11084	Diagram of Dining Train No 24 Set	¼" to 1' interior layout of 3 coach set. Nos 77T, 24Sn and 83F	6.12.99	1899	Y37	27C	PT	8	-
11087	Covered Goods Wagon with Wood Underframe	1½" to 16' general arrangement of 16' outside framed van, without ventilators.	12.12.99	1899	-	-	PT	45	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Underframe	My comment: no wagons built to this GA							
11089	General Arrangement of High Sided Goods Wagon with Wood Underframe	1½" to 1' general arrangement of 15' high sided 5 plank body, 2'10¼" deep fitted with door control gear with vertical spiral spring outside My comment: no wagons built to this GA	13.12.99	1899	-	-	PT	45	-
11114	Tenders Class T46-Rod, Pipe and Brake Arrangement	1 ½" to 1' details of brakework, water pickup apparatus and air cylinder shown on elevations, sections and sectional plan of tender	- .11.00	1900	T46	-	PT	-	-
11116	17 Ton Goods Brake C49 and C51, D51- Arrangement of Underframe	1½" to 1' general arrangement of 16' frame with brake detail Endorsed: superseded by Dg No 11662	27.10.00	1900	C49 C51 D51	2W	PT	122	-
11117	17 Tons Goods Brake Class C49	1 ½" to 1' general arrangement of 16' body with veranda at each end shown on outline of steel frame Endorsed: interior alteration 3.6.13	5.11.00	1900	C49	2W	PT	-	-
11124	Four Wheels Coupled Bogie Express Engines S46 Class-Dome Casing	Full size sectional elevation of dome 2'2¼" high	6.7.00	1900	S46	D14	PT	122	-
11125	Four Wheels Coupled Bogie Express Engines Class S46-Pressure Plate for Boiler	Full size plate 5¼" by 3" lettered 'Working Press. 180lbs per sq in'	14.2.00	1900	S46	D14	PT	52	-
11127	GER Seven Kings to Romford Factory Widening	66' to 1" survey of existing line and proposed widening including new stations at Stoop Lane (Goodmayes), Chadwell Heath, Crowlands (not built) and Romford Factory (not built) and Romford rebuilt Endorsed: Stoop Lane- for north side yard see A10799 scheme 3 Copy of Engineer's drawing dated 15.12.99	5.1.00	1900	-	-	PT	146	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11129	Nameplate Class S46	Full size arrangement of Claud Hamilton nameplate, main letters 2¼" high, small letter 'Holden's Patent' ¾", to be recessed 1/16"	16.1.00	1900	S46	D14	PT	21	-
11132	GER Aldeburgh-Proposed Engine Turntable	33' to 1" station layout showing 50' turntable at north end of yard Copy of Engineer's Plan No 25120 dated 16.12.99	17.2.00	1900	-	-	PT	126	-
11134	Patent Either Side Hand Brake for Wagons Parker's No 2	1½" to 1' undimensioned elevations and plan of gear	22.5.01	1901	-	-	PT	122	-
11134	H. Parker's Wagon Brake	3" to 1' part side and end elevation showing brake on steel frame	9.1.00	1900	-	-	PT	125	-
11151	Six Wheels Coupled Goods Engines N31 Class with 4'9" Boiler	1½" to 1' undimensioned side elevation of engine No 990 and front part of tender My comment: signed by J. Holden	- .2.00	1900	N31	J14	PT	47	-
11164	Plate for Engines Fitted with Liquid Fuel	Full size plan of elliptical plate 6¾" x 3¾" inscribed 'Holden's Patent'	16.2.00	1900	-	-	PT	105	-
11168	Cast Iron Makers Plate	Full size elevation of 11" x 2" plate inscribed 'G.E.R. - 1900' in ¾" characters Endorsed: for goods brakes	16.2.00	1900	-	2W	PT	119	-
11172	Arrangement of 34'6" Carriage (Steel Underframe)	1" to 1' arrangement of frame, running gear and Westinghouse brake My comment: tracing damaged, date lost		1900	-	-	PT	38	0
11173	Arrangement of 32ft Carriage Steel Underframe R51 Class	1" to 1' arrangement of 6 wheel underframe 31'4½" over headstocks Endorsed: gas reservoirs and regulator not required for brake 2nd's E57 of Continental train; altered brake pipe for brake 2nd E57	29.6.01	1901	R51	532C	PT	122	-
11196	Proposed Alteration of Luggage Compartment to Smoking Compartment 1st Class Restaurant Car	¾" to 1' interior plan of 48'3" carriage Schemes 1 and 2 My comment: former Dg No 13 C.D.	25.8.99	1899	E45	112C	PT	102	-
11209	Part Arrangement of 4 Wheeled Bogie and	1½" to 1' of centre portion of frame and	21.5.00	1900	-	531C	PT	62	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part	Underframe for Suburban Brake Thirds	part bogie	5.1.3.00	1900	-	521C	PT	62	-
11209	Underframe for Bogie Suburban Brake Third Class Carriage G50	1½" to 1' arrangement of 48'3½" underframe with details of Westinghouse brake, brake rigging, dynamo and battery boxes	5.11.00	1900	G50	517C	PT	132	-
11210	Four Wheeled Bogie with Equalising Beams G50 Class	1½" to 1' arrangement of 8' wheelbase bogie. Endorsed: altered 1.9.04	29.8.00	1900	G50	519C	PT	63	-
11216	Sections of Boilers of Shunting Engines on the Great Eastern Railway	1½" to 1' undimensioned elevations of boilers on engines	- .3.00	1900	-	-	PT	62	-
11220	Bogie Suburban Second & Third Class Carriages Classes E & F50	¾" to 1' arrangement of 54' body and interior detail	3.4.00	1900	E50 F50	309C 411C	PT	132	-
11221	Underframe for 6 Wheeled Bogie Suburban Carriages	1½" to 1' arrangement of 53'4½" underframe with details of dynamo, battery boxes and brake rigging	25.9.00	1900	C50 D50 E50 F50	114C 213C 309C 411C	PT	169	-
11222	6 Wheeled Bogie with Equalizing Beams Classes C, D, E & F50	1½" to 1' arrangement of 11'6" wheelbase bogie	2.7.00	1900	C50 D50 E50 F50	114C 213C 309C 411C	PT	169	-
11227	Six Wheels Coupled Goods Engines Class F48, G58-Wheels	3" to 1' elevation of 4'4" diameter wheel without tyre Endorsed: see Dg No 17445 for T67 and for future engines 4.6.10	30.3.00	1900	F48 G58	J16 J17	PT	95	-
11233	Diagram Showing Arrangement of Water Pickup on Tenders	¾" to 1' sectional side elevation of tender and 6" to 1' view of air valve	4.4.00	1900	-	-	PT	89	-
11238	Bogie Suburban Composite Carriage D50 Class	¾" to 1' general arrangement of 54' 9 compartment 1st and 2nd class body	19.4.00	1900	D50	213C	PT	169	-
11246	Arrangement of Ballast Wagon K49 Class	1½" to 1' general arrangement of 12' long dumb buffered 2 plank dropside with one drop end. To red for B59 with bolster 2.3.05	10.5.01	1901	K49 B59	40W	PT	15	-
11251	Six Wheels Coupled Goods Engines Class F48, G58, E72 Coupling Rods and Crank Pins	Full size elevations and plan of components Endorsed: superseded by Dg No 25637	- .1.20	1920	F48 G58 E72	J16 J17 J18	PT	10	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11253	Six Wheels Coupled Goods Engines G58, F48 Class LM3780 E72 Chimney	6" to 1' of rimmed type with dimensions for 3 classes	23.5.00	1900	F48 G58 E72	J16 J17 J18	PT	10	-
11257	Six Wheels Coupled Goods Engines Classes F48, G58 (J17), E72 and T77 (J19/2) Steam Brake Arrangement	1½" to 1' shown in relation to outline of engine and part of tender	29.10.17	1917	F48 G58 E72	J16 J17 J18	PT	10	-
11261	Alteration to Guards Compartment of 4 Wheeled Suburban Brake Thirds	1" to 1' part side elevation and plan of brake end showing double doors Endorsed: superseded by Dg No 11361; for GA of brake see Dg No 10691	9.5.00	1900	-	520C	PT	141	-
11262 Ren	Six Wheels Coupled Goods Engines Class J17, J19-Leading Axle Box	Full size elevations and plan J19 Endorsed: altered 10.3.43	1.1.40	1940	-	J17 J19	PT	144	-
11262 Att	Six Wheels Coupled Goods Engines Class F48-Alteration to Make White Metal of	Full size elevation Endorsed: altered 0.12.27 and 10.3.43	26.4.15	1915	F48	J16	PT	144	-
11263	Six Wheels Coupled Goods Engines Class F48, G58, E72-Driving Axle Box and Spring Hanger	Full size elevations and plan Endorsed: Axle box for N7 see Dg No 32293, covers Dg No 32300, hangers Dg No 32298 4.35; see new tracing same number	20.2.19	1919	F48	J16	PT	144	-
11263 Ren	Six Wheels Coupled Goods Engines Class J17 and J19, N7-Driving Axlebox and Spring Hanger	Full size elevations and plan Endorsed: altered 10.3.43; for driving axlebox with lowered spring gear Dg No 32293	21.12.39	1939	-	J17 J19 N7	PT	144	-
11263 Att	Driving Axle Box for Engines F48, G58, E72, L77-Alterations to White Metal	Full size elevation Endorsed: altered 30.12.27 and 10.3.43	3.10.14	1914	F48 G58 E72 L77	J16 J17 J18 N7	PT	144	-
11270	40 Tons Crocodile Wagon	1½" to 1' general arrangement of 47'3" bogie well wagon and bogie My comment: tracing damaged minor loss of end elevation detail	18.10.00	1900	K50	28W	PT	122	-
		1½" to 1' detailed arrangement of cab							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11279	Six Wheels Coupled Goods Engines Class F48-Cab	Endorsed: see attached tracing for sliding roof 18.7.01 My comment: tracing badly damaged and in poor condition, number and part of title missing, end elevation largely absent. Drawing number determined from Office Copy	21.5.00	1900	F48	J16	PT	129	-
11281	Bogie First Class Suburban Carriage C50 Class	¾" to 1' general arrangement of 54' carriage on 6 wheel bogies	23.5.00	1900	C50	114C	PT	118	-
11287	Key Plan of Bogie Suburban Train	1/10" to 1' plan view of 8 coach bogie train showing line of Westinghouse pipe and position of smoking compartments	24.5.00	1900	-	-	PT	137	-
11290	Arrangement of 15 Ton Coal Wagon LM2824	1½" to 1' general arrangement of 17'10¼" 8 plank loco coal wagon	15.6.00	1900	E51	33W	PT	118	-
11323	Officers Saloon X50	1" to 1' general arrangement of 34'6" clerestory body with sections	16.7.00	1900	X50	7C	PT	171	-
11325	Proposed Arrangement of Restaurant Train with Bogie Composite Attached	¾" to 1' interior plan of four carriage set comprising 48'3" 1st lavatory, 55' dining saloon, 55' 3rd lavatory, 48'3" composite with corridor connections within set	21.7.00	1900	-	-	PT	7	-
11333	Cambridge-Proposed Reservoir at Chesterton	1/2500 with 10' to 1" sections showing reservoir adjoining main line west side of main line, north of junction, ballast pit and new pit adjoining Copy of Engineers plan No 28463 dated 24.7.00	1.8.00	1900	-	-	PT	110	-
11335	Bogie Lavatory Composite Carriage U50 Class	¾" to 1' general arrangement of 48'3" clerestory body	9.8.00	1900	U50	214C	PT	171	-
11337	GER Enfield Town Proposed Rearrangement	40' to 1" plan showing 6 additional carriage sidings up side south of signal box and line with engine pit running behind engine shed Copy of Engineers Plan No A9004 Scheme No 4	14.2.00	1900	-	-	PT	73	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11337	GER Enfield Town-Proposed Rearrangement	1" to 40' plan showing proposed new carriage sidings at southern end and line at rear of engine shed Copy of Engineer's plan A9004 Scheme 4	14.2.00	1900	-	-	PT	87	-
11366	Proposed Method of Converting Ventilated Covered Goods Wagons for Fruit Traffic	Unscaled outline side elevation of ventilated 16' van showing wire gauze vent in place of 2nd board up from floor	27.9.00	1900	-	15W	PT	102	-
11391	Continental Traffic Wagon A51	1" to 1' general arrangement of 22'10" wagon Endorsed: for B75 and future classes see Dg No 18933 21.10.13	24.10.10	1910	A51	10W	PT	94	-
11410	Gradient Sections-GER London to Cromer and Chemin de Fer Nord Paris to Calais	¼" to 1 mile horizontal scale.	- .11.00	1900	-	-	PT	24	-
11414	Diagram Showing Position of Ventilators on Covered Goods Wagon	1' to 1' outline elevations of outside framed van with pair of vents on each end	9.11.00	1900	-	15W	PT	25	-
11432	Gradient Section C.R. Carlisle to Glasgow	½" to 1' section	24.11.00	1900	-	-	-	-	-
11441	Diagrams of Existing and Proposed Carriages	¼" to 1' diagrams of 3 carriages, dia 212, dia 214 and proposed variation of 1st class	7.12.00	1900	-	212C 214C	PT	24	-
11452	Lavatory Bogie Composite Carriage P,S & U51	¾" to 1' arrangement of 48'3" clerestory body with sections	- .3.00	1900	P51	212C	PT	168	-
11463	Arrangement of Underframe for 48'3" Bogie Carriages P & U51	1½" to 1' arrangement of underframe showing dual brake gear and gas tanks Endorsed: altered 1901; superseded by Dg 13949	12.2.01	1901	-	212C	PT	96	-
11466	Patent Either Side Wagon Handbrake Applied to Standard 15Ft Steel Underframe-Brake Arrangement	1½" and 3" to 1' arrangement of brake and details of components Endorsed: Dg No WB No 9	- .3.02	1902	-	-	PT	96	-
11467	Patent Either Side Wagon Hand Brake Applied to Standard 15Ft Steel Underframe-	1½" to 1' arrangement and 3" to 1' details of components	- .3.01	1901	-	-	PT	80	-
11467	Patent Either Side Handbrake for Wagons-McDermid's No 2	1½" to 1' undimensioned arrangement applied to high sided wagon	22.5.01	1901	-	-	PT	96	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11471	Double Bolster Wagon Class F52	1½" to 1' general arrangement of 22'9" wagon. Endorsed: bolsters altered to red for I53	16.7.01	1901	F52	30W	PT	4	-
11474	General Arrangement of Single Bolster Wagon Class G52	1½" to 1' general arrangement of 12' steel framed wagon Endorsed: for F64 and future stock see Dg No 16251 dated 11.07	27.8.01	1901	G52	29W	PT	132	-
11486	Four Wheels Coupled Mixed Traffic Engines Type E4-Arrangement of Automatic Vacuum Brake	1 ½" to 1' details of vacuum brake gear shown on outline elevations of engine Endorsed: undated alteration; combined injector steam cock and isolating cock for vacuum ejector see Dg No 24076; pad for water gauge see Dg No 30004 Copy negative	23.1.01	1901	T26	E4	PT	178	-
11486	Four Wheels Coupled Mixed Traffic Engines Class S50-Arrangement of Automatic Vacuum Brake	1½" to 1' outline side elevation and interior view of cab, part frame showing brake arrangement My comment: right hand side of tracing damaged, some loss of detail	- .1.18	1918	T19	E4	PT	47	-
11486	Four Wheels Coupled Mixed Traffic Engines Class S50-Arrangement of Automatic Vacuum Brake	1 ½" to 1' arrangement of vacuum brake shown on outline side and end elevation and part plan with 3" to 1' details of clips and brackets			S50		PT	-	-
11488	Fox's Patent Pressed Steel Carriage Bogie	1½" to 1' elevations and plans of frame work for 7' wheelbase bogie	28.1.01	1901	-	-	PT	4	-
11492	Four Wheels Coupled Bogie Express Engine General Arrangement	1½" to 1' sectional side elevation and plan of 4-4-0 engine	- .3.01	1901	S46	D14	PT	130	-
11494	Bogie Suburban Brake Third Class Carriage	3/8" to 1' plan of 46' coach and underframe details	6.2.01	1901	G50	517C			
11494	Bogie Suburban Third Class Carriage	3/8" to 1' plan of 54' coach and underframe details.	6.2.01	1901	F50	411C	PT	7	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11494	Bogie Suburban Second Class Carriage	3/8" to 1' plan of 54' coach and underframe details.	6.2.01	1901	E50	309C			
11494	Bogie Suburban Composite Carriage	3/8" to 1' plan of 54' coach and underframe details	6.2.01	1901	D50	213C			
11494 Part	Bogie Suburban First Class Carriage	3/8" to 1' plan of 54' coach and underframe details	6.2.01	1901	C50	114C	PT	7	-
11500	Boiler for Engines T19 Class	1½" to 1' arrangement of boiler and details of mountings	7.2.01	1901	T19	-	PT	7	-
11507	Four Wheeled Bogie for Lavatory Corridor Composite P&U51	1½" to 1' detailed arrangement of 8' wheel base bogie Endorsed: altered 9.01 to inside step irons	11.3.01	1901	-	212C	PT	5	-
11508	Diagram Showing Continental Wagon in Butter Warehouse at Bishopsgate	1½" to 1' end elevation of wagon against platform with which it conflicts	13.2.01	1901	-	-	PT	2	-
11509	GER Bury St Edmunds-Proposed Improvement of Water Supply to Columns	1/500 plan of down platform column, to be replaced by swan neck Copy of Engineer's Plan No 28497 dated 30.8.00	13.2.01	1901	-	-	PT	137	-
11510	Diagram of Composite Carriage No 547 and Loading Gauge Great Central Railway	1" to 1' outline end profile of carriage with GCR loading gauge	14.2.01	1901	-	-	PT	95	-
11511	India Rubber Bogie Check Springs	Full size plan of a cylindrical rubber pad 10 ½" uncompressed for 61 Class engines My comment: a Stores Ordering tracing	15.2.02	1902	61	-	PT	-	-
11513	Main Line Brake Van R51	1" to 1' general arrangement of body of 32' brake Endorsed: superseded by Dg No 13743	8.3.01	1901	R51	532C	PT	91	-
11514	Six Wheels Coupled Bogie Express Engines 1500 Class-Ventilator for Cab	Full size elevations and section of hit and miss ventilator made of gun metal	29.7.19	1919	S69	B12	PT	-	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11518	Strengthening Plate for Fox's Pressed Steel Bogie for Restaurant Cars	1 ½" to 1' elevation and plan of frame with details of strengthening plate which is an inverted angle on upper part of inside of frame with a 4'2" angle iron over the centre axlebox	25.2.01	1901	-	-	PT	-	-
11530	Cast Iron Weights for 17 Ton Goods Brakes	3" to 1' plans and sections of two types of weight	8.3.01	1901	-	2W	PT	-	-
11536	Diagram of 15 Ton Coal Wagon	½" to 1' outline side and end elevations of 17' 10¾" over body, 10'6" wheelbase, interior depth 4'73/8"	12.3.01	1901	-	-	PT	30	-
11545	Diagram Shewing Wheelbase and Weight of Latest Types of Heaviest Express and Goods Engines	1/8" to 1' diagram showing No 10, No 1900 and 1150 classes. Endorsed 'Copies of this sent to Mr Harry Footner and Mr F.W. Webb L&NWRly 19.3.01'	19.3.01	1901	-	-	PT	24	-
11548	4'9" Boiler for Express and Goods Engines Fitted with Continuous Wrapper Plate	1½" to 1' arrangement of boiler and firebox with detail of riveted joints Endorsed: see Dg No 16089 for boilers fitted with direct roof stays and double riveted foundation ring corners	- .6.03	1903	S46 F48	D14 J16	PT	24	-
11562	Diagram of 16 Tons Coal Wagon	1½" to 1' outline side and end elevation of wagon 17'2 long, 4'0 7/8" deep and 8'0" inside dimensions, 10'6" wheelbase	11.4.01	1901	-	-	PT	175	-
11565	First Class Carriage Underframe-Alteration of Cleminsons Flexible Wheelbase to Rigid Wheelbase	1" to 1' arrangement of 36'10" underframe, running and brake gear Endorsed: see Dg No 11090 for wrought iron work; for details see Dg No 11566	19.4.01	1901	-	-	PT	45	-
11569	Diagram Showing Position of Lamp Irons and Ascending Irons	½" to 1' end elevations of 12 carriage and miscellaneous stock vehicles	17.5.11	1911	-	-	PT	44	-
11574 -1	Royal Monogram	Full size outline drawing My comment: probably designed for royal and post office vehicles	17.4.01	1901	-	-	PT	44	-
11574		Full size outline drawing							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-2	Royal Monogram	Endorsed: This design selected by Mr Gooday 15.4.01, this design has the crown 7/8ths the size of the crown shown on 11574-1 My comment: probably designed for royal and post office vehicles	17.4.01	1901	-	-	PT	44	-
11574 -3	Royal Monogram	Full size outline drawing Endorsed: this design has the crown ¾ the size of the crown shown on 11574-1 My comment: probably designed for royal and post office vehicles	17.4.01	1901	-	-	PT	44	-
11577	Diagram of Proposed Postal Sorting Van	½" to 1' outline body arrangement of 48'3" arc roof coach, 8' WB bogies	22.4.01	1901	-	-	PT	44	-
11579	Tender Tank to Supply 3,300 Gallons of Water to Engine	1½" to 1' arrangement of tank only, without underframe. Endorsed: altered 7.7.25	20.4.01	1901	-	-	PT	45	-
11585	Proposed Train Indicator Board for Fenchurch Street Station	1" to 1' elevations and section of stand with 6 destinations and 140 luggage label box below	- .4.01	1901	-	-	PT	123	-
11592	Arrangement of Royal Saloon No 49	¾" to 1' general arrangement of 50' clerestory body Endorsed: revised 17.3.03	7.5.01	1901	B53	21C	PT	171	-
11593	Underframe for Royal Saloon B53	1½" to 1' detailed arrangement of 49'4½" wood frame with dual brake details and position of gas cylinders Endorsed: two 10" by 3½" by ½" steel channels added to stiffen bolster cross bearers 12.12.07	21.5.01	1901	B53	21C	PT	124	-
11596 -1	Six Wheels Coupled Bogie Express Engines 1500 Class Type B12-Details of Sliding Roof	1½" to 1' arrangement of roof construction with full size details	28.7.19	1919	S69	B12	PT	123	-
11601	Tender Tank Class A53-Arrangement of Pipes for Liquid Fuel, Water Pick Up, etc	1½" to 1' elevation and section of tank and pick up apparatus	10.5.01	1901	A53	-	PT	117	-
11607	Bogie and Underframe for Officers Saloon LM3041	1½" to 1' detailed arrangement of lighting and brake details, bogie 6'6" wheelbase, 'J' axleboxes	16.5.01	1901	LM3041	-	PT	117	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: brake work altered 12.9.01							
11612	Water Pickup-Tenders Class T46- Arrangement and Details of Scoop and Air	3" to 1' arrangement of scoop and 6" to 1' details of components	4.6.01	1901	T46	-	PT	117	-
11613	GNR Diagram of Weights and Wheelbase of Locomotives	1/8" to 1' diagrams of 14 classes of engine Copy of Doncaster drawing dated 2.4.01	2.4.01	1901	-	-	PT	116	-
11615	General Arrangement of Third Class Lavatory Carriage Classes I47, M50	1" to 1' general arrangement of 34'6" clerestory 5 compartment carriage	11.7.01	1901	I47 M50	413C 423C	PT	169	-
11620	Plans of Proposed and Existing Hook of Holland Trains for Summer Service	1/8" to 1' plan of proposed train (bogie stock) and existing train (6 wheel)	25.5.01	1901	-	-	PT	118	-
11620 -1	Plan of Proposed Hook of Holland Train for Summer Service	1/8" to 1' interior plan of train 34'6" BS, 7 x 48'3" cges, 2 luggage boxes on truck, 32' brake Endorsed: alternative scheme to proposed train Dg No 11620	31.5.01	1901	-	-	PT	119	-
11620 -2	Plan of Proposed Hook of Holland Train for Summer Service	1/8" to 1' interior plan of train 34'6" BS, 6 x 50'3" cges, 2 luggage boxes on truck and 32' brake Endorsed: alternative scheme to proposed train Dg No 11620	1.7.01	1901	-	-	PT	119	-
11636	Brake Third Class Carriage T51 Class	1" to 1' general arrangement of 34'6" 3 compartment body	1.7.01	1901	T51	533C	PT	167	-
11639	General Arrangement of Vitriol Wagon	1½" to 1' arrangement of body on standard 15' steel underframe	21.6.01	1901	-	8W	PT	15	-
11642	Arrangement of Combined Westinghouse, Vacuum and Hand Brake for 34ft 6ins Brake Thirds Class T51	1½" to 1' elevations and plan of equipment on steel underframe Endorsed: this drawing corrected T51 and stock up to but not including E58 22.10.07 My comment: applies to underframe to Dg No 11172	3.7.01	1901	T51	533C	PT	121	-
11647 Ren	Tramway Engines Class C53-Motion Arrangement	3" to 1' elevations and plan of motion	22.11.20	1920	C53	J70	PT	121	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11649	Six Wheels Coupled Tram Engines C53 Class-Framing	1½" to 1' elevations and plan of frames My comment: numerous alterations including class D85 dated 27.8.20	26.11.13	1913	C53	J70	PT	121	-
11652	Six Wheels Coupled Tram Engines Class C53-Tanks and Coal Boxes	1½" to 1' elevations and plans of boxes and tanks	21.12.20	1920	C53	J70	PT	121	-
11653 Ren	Six Wheels Coupled Tram Engines Class D85 Type J70-Brake Arrangement	1½" to 1' brake arrangement shown in relation to outline of engine without	- .9.21	1921	D85	J70	PT	121	-
11655	Six Wheels Coupled Tram Engines Class C53-Rod, Pipe and Clothing Arrangement	1½" to 1' arrangement of tram engine without superstructure	2.7.03	1903	C53	J70	PT	121	-
11659	Six Wheels Coupled Tram Engines Class C53 J70-Smokebox and Auto Governing Gear	3" to 1' arrangement of smokebox and governing gear	- .7.03	1903	C53	J70	PT	121	-
11662	17 Ton Goods Brake X51 Y51 A52 Arrangement of Underframe	1½" to 1' arrangement of 10' wheelbase 16' steel frame Endorsed: bearing spring gear altered see Dg No 15004	25.7.01	1901	X51 Y51 A52	2W	PT	117	-
11664	Alterations to Water Troughs, etc.	3" to 1' alterations to outlet for water supply and full size details	22.7.01	1901	-	-	PT	59	-
11668	Six Wheeled Bogie for Restaurant Car LM2902	1½" to 1' arrangement of bogie, 11'6" wheelbase, frame 16'1" To underframe Dg No 11252.	15.8.01	1901	-	-	PT	15	-
11669	Diagram Showing Open Carriage Truck with GER Loading Gauge	½" to 1' outline side and end elevations of 20'4" truck	29.7.01	1901	-	10M	PT	28	-
11671	Diagrams of Main Line and Suburban Brake Third Class Carriages	½" to 1' outline plan and end elevation of 8' main line and 9' suburban carriages	3.8.01	1901	-	-	PT	104	-
11695	Diagram of Wheelbases and Weights of Express and Goods Engines	¾" to 1' of classes No 1000, 10, 1900 and 1150	2.10.01	1901	-	-	PT	36	-
11701 -1	Diagrams of Great Eastern Railway and Other Wagons of Large Capacity 20 Tons Coal Wagon SE&CR, length 21'6"	¾" to 1' scale diagrams showing outlined dimensioned side and elevations with details of cubic capacity and load My comment: complete set drawn on 4 sheets							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11701 -4	15 Tons Coal Wagon GER, length 17'10¼"		26.11.01	1901	-	-	PT	39	-
11701 -7	25 Tons Round Ended Goods Bogie Wagon L&SWR, length 34'6"								
11701 -10	Proposed 15 Tons Mineral Wagon for CR, length 17'6" inside								
11701 -15	Diagrams of Great Eastern Railway and Other Wagons of Large Capacity	¼" to 1' scale diagrams showing outlined dimensioned side and elevations with details of cubic capacity and load My comment: complete set drawn on 4 sheets	26.11.01	1901	-	-	PT	39	-
11701 -18	30 Tons Coal Wagon for the Littleton Collieries, length 35'5"								
11701 -21	20 Tons Wagon L&NWR, length 18'0"								
11701 -2	15 Tons Hopper Bottom Coal Wagon NER, length 20'0"	¼" to 1' scale diagrams showing outlined dimensioned side and elevations with details of cubic capacity and load My comment: complete set drawn on 4 sheets							
11701	Diagrams of Great Eastern Railway and Other Wagons of Large Capacity								
11701	20 Tons Coal Wagon SE&CR, length 21'6"								
11701	20 Tons Coal Wagon GWR, length 20'0"								

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-14	Standard 20 Ton Coal Wagon L&NWR 21'0"		26.11.01	1901	-	-	PT	39	-
11701									
-16	32 Tons Hopper Bottom Coal Wagon (Sheffield & Twinberrow's) 35'0" bogie								
11701									
-17	50 Tons Bogie Platform Wagon (Pressed Steel Car Co.), length 35'6"								
11701									
-19									
11701									
-20									
11702	Diagram of Wide Suburban Train	1/8" to 1' elevation and plan of 15 coach train with some detail	21.11.01	1901	-	-	PT	111	-
11707	Diagram of High Sided Wagon showing Standard Writing	¾" to 1' side elevation of wagon showing initials GE in squared style letters	19.12.01	1901	-	17W	PT	5	-
11708	Diagram of Cattle Wagon Showing Standard Writing	¾" to 1' outline side elevation showing squared type characters for initials only	19.12.01	1901	-	-	PT	91	-
11722	Central London Railway-Normal Position of Car and Loco in Tunnels	1½" to 1' end profile of car in tube with GER wide suburban carriage and station platform superimposed in red Endorsed: based on CLR Dg No 28 dated 14.3.02	21.3.02	1902	-	-	PT	96	-
11723	Tram Cars on Stoke Ferry Branch	½" to 1' elevations and plan of composite and brake third tram cars	- .4.02	1902	-	609C 610C	PT	96	-
11724	Cross Section of Suburban Carriage Before and After Conversion	1½" to 1' end profile of carriage against gauge	15.4.02	1902	-	-	PT	96	-
11725	Cross Sections of Suburban Carriage Before	1½" to 1' end profile of carriage against gauge and interior detail	17.4.02	1902	-	-	PT	96	-

Photo Tracings Drawings List

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Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition								
11778	Dia 5 Light Pair Horse Van and Pair Horse Parcel Van 2½ Tons		- .12.02	1902	-	-	PT	163	-								
11782	Dia 9 One Horse Plate Glass Van 4 Tons																
11785	Dia 12 Boiler Lorry 20 Tons																
11786	Dia 13 Boiler Lorry 15 Tons																
11787	Dia 14 Boiler Lorry 7 & 8 Tons																
11788	Dia 15 Stone Lorry 10 Tons																
11789	Dia 16 Stone Lorry 1 Ton																
11790	Dia 17 Plate Glass Lorry 3 Tons																
11791	Dia 18 Timber Carriage 10, 12 & 8 Tons																
11793	Dia 20 Light One Horse Lorry 1 Ton																
11794	Dia 21 Horse Float																
11795	Dia 22 Cattle Float																
11799	Dia 26 One Horse Parcel Van 1 Ton																
11774 Att	Untitled									Index to Diagrams 1 to 29			-	-	PT	163	-
11776	Pair Horse Van (Covered) 5 Tons									½" to 1' diagrams size 13 1/8" x 6 ¼"	13.2.11	1911	-	-	PT	163	-
11779	Dia 6 Large One Horse Van 2½ Tons									½" to 1' diagrams, size 12 ½" x 6 ¼" My comment: indexed 1.03							
11780	Dia 7 Small One Horse Van 2½ Tons																
11781	Dia 8 Small One Horse Van Covered Pair Horse Parcels Van 2½ Tons																

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11783	Dia 10 Pair Horse Lorry 5 Tons		-	1903	-	-	PT	163	-
11784	Dia 11 Low Pair Horse Lorry 5 Tons								
11792	Dia 19 One Horse Lorry 1½ Tons								
11796	Dia 23 Goods Cart 1½ Tons								
11797	Dia 24 Pair Horse Parcels Van 1½ Tons								
11798	Dia 25 Pair Horse Parcels Van 1½ Tons								
13200	Dia 27 One Horse Parcels Van 1 Ton								
13201	Dia 28 Parcels Cart ¾ Ton								
13202	Dia 29 Parcels Express Cart 10 Cwt								
11800									
11915	An Arrangement of Steam Carriage for Carrying 1st & 3rd Class Passengers and Goods	¾" to 1' outline elevations and plan of 50' engine and car; 6' luggage compartment, 7 seat 1st, lobby, 28 seat 3rd saloon	30.9.03	1903	-	-	PT	141	-
11915	End View for Dg No 11915, 11918, 11919 and 11920	Unscaled and unfinished rear end view of 0-10-0WT Decapod	- .10.03	1903	A55	-	PT	142	-
11916	End View for Drawing 11916	Unscaled end view of unknown engine			-	-	PT	84	-
11916	An Arrangement of Steam Carriage for Carrying Passengers and Goods	¾" to 1' outline elevations and plan of 50' engine and car; 6' luggage compartment and two saloons to seat 37 3rds	1 .10.03	1903	-	-	PT	141	-
11917	Alternative Arrangement of Steam Carriage with Open Sides	¾" to 1' part side elevation of end carriage with reversible seats and clerestory roof	- .10.03	1903	-	-	PT	103	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11918	An Arrangement of Steam Carriage for Carrying Passengers	¾" to 1' outline elevations and plan of 48'3" bogie car arc roof to seat 84 in 7 compartments 5'2" wide, vertical boiler	- .10.03	1903	-	-	PT	72	-
11919	An Arrangement of Steam Carriage for Carrying Passengers	¾" to 1' elevations and plan of 48' bogie steam carriage 72 seats, vertical boiler, arc roof 6 compartments 6' long	- .10.03	1903	-	-	PT	71	-
11920	An Arrangement of Steam Carriage for Carrying Passengers	¾" to 1' outline elevations and plan of 51' bogie car arc roof to seat 71 in open saloon,	-10.03	1903	-	-	PT	72	-
11932	Third Class Carriage for Restaurant Cars	1/8" to 1' diagram of 55'0" dining saloon	-	1906	-	414C	PT	-	-
12000 -1	Covered Carriage Truck Nos 165 and 166	¼" to 1' diagram size 14 ¼" x 5 3/8" showing outline elevations and principal dimensions My note: part of Sheet 1	8.12.08	1908	-	10M	PT	152	-
12000 -2	Covered Carriage Truck 16' 1"	¼" to 1' diagrams size 14 ¼" x 5 3/8" showing outline elevations and principal dimensions My note: Sheet 1	-	1910	-	9M	PT	152	-
12000 -8	Fish Truck 16' height 6'6½"					24M			
12000 -1	Covered Carriage Truck 20'4"					10M			
12000 -9	Covered Fish Truck 16' and 18'8" - - 24M Title amended to Covered Fruit Truck					24M 25M			
12000 -19	Open Carriage Truck 16' wood frame					3M			
12000 -5	Open Carriage Truck 21' steel frame					7M			
12000 -7	Horse Box 16'8"					16M			
12000 -6	Horse Box 16' wood frame					15M			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12000 -13 12000 -14 12000 -20	Yeast Van 16'1½"-copied from Dg No 6720 Yeast Van 22' -copied from Dg No 7672 Open Carriage Truck 20'3"-copied from Dg No 9648	¼" to 1' diagrams size 14 ¼" x 5 3/8" showing outline elevations and principal dimensions My note: Sheet 6 Diagram 20 renumbered from No 4	-	1908	-	27M 32M 6M	PT	152	-
12000 -17 12000 -10	Travelling Gas Reservoir Milk Van 22' 4 wheel wood frame	¼" to 1' diagrams size 14 ¼" x 5 3/8" showing outline elevations and principal dimensions My note: Sheet 5	8.12.08	1908	-	63W 20M	PT	152	-
12000 -25	Open Carriage Truck 20'3" steel frame	¼" to 1' diagrams size 14 ¼" x 5 3/8" showing outline elevations and principal dimensions My note: no sheet number	23.11.08	1908	-	6M	PT	152	-
12000 -15 12000 -16	Cattle Box 18'8" Cattle Box 21'5½"	¼" to 1' diagrams size 14 ¼" x 5 3/8" showing outline elevations and principal dimensions My note: Sheet 4	8.12.08	1908	-	18M 19M	PT	152	-
12000 -11 12000 -12	Milk Van 6 wheel-copied from Dg No 9879 Milk Van 6 wheel-copied from Dg No 13054	1/8" to 1' diagrams size 7 ¾" x 4 ½" showing outline elevations and principal dimensions My note: Sheet 3	8.12.08	1908	-	21M 22M	PT	152	-
12180 -47	Small One Horse Van-Covered 1 Ton 15 Cwt								

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12180-60	Large One Horse Van-Covered 2 ton 10 Cwt	½" to 1' diagrams size 14" x 9"	-	1912	-	-	PT	162	-
12180-62	Large One Horse Van-Covered 2 Ton 10 Cwt for Beer Traffic								
12180-64	Large One Horse Van-Open 2 Ton 10 Cwt								
12180-71	Pair One Horse Van Covered 5 Tons for Paper Traffic								
12180-72	Pair Horse Van Covered 5 Tons								
12180	Large One Horse Van Covered 2 Ton 10 Cwt	½" to 1' diagram size 14" x 9"	-.2.11	1911	-	-	PT	162	-
121800	Index Sheet to Diagrams	Index divided into two panels: Diagrams 1 to 51 and Diagrams 52 to 74	-.8.12	1912	-	-	PT	162	-
121800	Index to horse drawn vehicles	Vehicles Nos 1 to 330, listing vehicle number, description, diagram number and where stationed. My comment: indexed 8.12	-.8.12	1912	-	-	PT	162	-
12180-1	Index to horse drawn vehicles	Vehicles Nos 331 to 666, listing vehicle number, description, diagram number and where stationed. My comment: indexed 8.12	-.8.12	1912	-	-	PT	162	-
12180-2	Index to horse drawn vehicles	Vehicles Nos 667 to 1002, listing vehicle number, description, diagram number and where stationed. My comment: indexed 8.12	-8.12	1912	-	-	PT	162	-
12180-3	Index to horse drawn vehicles	Vehicles Nos 1003 to 1338, listing vehicle number, description, diagram number and where stationed. My comment: indexed 8.12	-8.12	1912	-	-	PT	162	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12180 -4	Index to horse drawn vehicles	Vehicles Nos 1339 to 1460, listing vehicle number, description, diagram number and where stationed. My comment: indexed 8.12	-8.12	1912	-	-	PT	162	-
12180 -5	Index to horse drawn vehicles and motor lorries	Vehicles Nos 1801-08, 1812, 1851 to 1860 motor lorries listing vehicle number, description, diagram number and where stationed. My comment: indexed 8.12	- 8.12.	1912	-	-	PT	162	-
12180 -1 12180 -2 12180 -36 12180 -41 12180 -49 12180 -75	Goods Cart-Hoop Tilt 30 Cwt Goods Cart-Hoop Tilt 30 Cwt Stone Lorry 10 Tons Cattle Float 1 Ton 10 Cwt One Horse Parcel Van-Express Type 1 Ton Phaeton Fitted with Double Brake	½" to 1' diagrams size 14" x 9"	-	1902	-	-	PT	162	-
12180 -3 12180 -4 12180 -13 12180 -14 12180 -15 12180 -16	Light Cart (Open) 30 Cwt Light Cart (Open) 2 persons Water Cart 250 gallons St Botolphs Water Cart 250 gallons Colchester Water Cart 250 gallons Traffic Department No 1 Brentwood Water Cart 250 gallon Traffic Department No 2 Hoe Street Water Cart 150 gallons Newmarket	½" to 1' diagrams size 14" x 9"	-	1902	-	-	PT	162	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-76 12180 -78	Machine Broom Bishopsgate								
12180 -21 12180 -22	One Horse Lorry 2 Tons 10 Cwt One Horse Lorry 2 Tons 10 Cwt Copied from Dg No 13957	½" to 1' diagrams size 14" x 9"	-	1902	-	-	PT	162	-
12180 -28	Pair Horse Lorry 5 Tons								
12180 -29	Pair Horse Lorry 5 Tons								
12180 -30	Low Pair Horse Lorry 5 Tons Copied from Dg No 10351								
12180 -44	Two Horse Plate Glass Van 4 Tons Copied from Dg No 8402								
12180 -11 12180 -12	Water Cart 200 gallons Norwich Victoria Water Cart 200 gallons Ipswich	½" to 1' diagrams size 14" x 9"	-	1902	-	-	PT	162	-
12180 -18	Water Cart 250 gallons Norwich Thorpe								
12180 -48	One Horse Parcel Van-Express 1 Ton								
12180 -51	One Horse Parcel Van-Express Type with Poster Board 1 Ton/ 25 Cwt								
12180 -74	Phaeton 4 persons No 397								
12180 -5	Parcel Cart-Covered 15 Cwt								
12180 -6	Parcel Cart-Covered 15 Cwt								

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition								
12180-7	Parcel Cart-Covered 15 Cwt	½" to 1' diagrams size 14" x 9"	-	1902	-	-	PT	162	-								
12180-8	Parcel Cart-Express 10 Cwt																
12180-9	Parcel Cart-Express Type 10 Cwt																
12180-54	One Horse Parcel Van 1 Ton																
12180-50	One Horse Parcel Van-Express Type 1 Ton	½" to 1' diagrams size 14" x 9"	-	1902	-	-	PT	162	-								
12180-52	One Horse Parcel Van 1 Ton																
12180-53	One Horse Parcel Van 1 Ton																
12180-57	Pair Horse Parcel Van 2 Tons/1 Ton 10 Cwt																
12180-58	Pair Horse Parcel Van 1 ton 10 Cwt																
12180-59	Pair Horse Parcel Van 1 ton 10 Cwt																
12180-10	Water Cart 250 gallons Peterborough									½" to 1' diagrams size 14" x 9"	-	1902	-	-	PT	162	-
12180-25	Low One Horse Lorry-with winch for Motor Traffic 2 Ton 10 Cwt																
12180-31	Low Pair Horse Lorry 5 Tons																
12180-42	Machinery Float Van 7 Tons																
12180-61	Large One Horse Van-Covered 2 Tons 10 Cwt																
12180	Large One Horse Van-Covered for Piano Traffic 2 Tons 10 Cwt																

Photo Tracings Drawings List

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Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-77									
12180 -81	Small One Horse Van-Covered 2 Ton 10 Cwt Copied from Dg No 18980	½" to 1' diagrams size 14" x 9"			-	-	PT	162	-
12180 -82	Pair Horse Van-Open 5 Ton Copied from Dg No 18959								
12180 -84	Motor Lorry with Shefflex Chassis 1 Ton 10 Cwt/2 Tons Copied from Dg No 23742								
12180 -68	Pair Horse Van-Covered 5 Tons	½" to 1' diagram size 14" x 9"			-	-	PT	162	-
12180 -79	Low Pair Horse Lorry-5 Tons	½" to 1' diagram size 14" x 9"			-	-	PT	162	-
12180	One Horse Lorry-2 Ton 10 Cwt	½" to 1' diagram size 14" x 9"			-	-	PT	162	-
12410	Drawing 41-Private Owners Wagons-20 Tons Coal Wagon with Wood Body	¾" to 1' general arrangement of steel framed 21'6" wood body with 2 side doors and 2 pairs in floor	- .11.02	1902	-	-	PT	142	-
12411	Drawing 42-Private Owners Wagons-20 Tons Coal Wagon End Door Body	¾" to 1' general arrangement of 21'6" wood body 5'2 1/8" deep	- .5.02	1902	-	-	PT	142	-
12412	Drg A3 Private Owners Wagons-30 Tons Coal Wagon with Wood Body	¾" to 1' body arrangement of 32' open wagon with 2 side doors, body 5' 2 1/8" deep, width 7' 8", 26'6" wheelbase, on 4 wheel bogies 5'6" centres, channel steel underframe and 4 bottom doors	- .5.02	1902	-	-	PT	177	-
12413	Drawing 69-Private Owners Wagons-40 Tons Coal Wagon with Wood Body	¾" to 1' general arrangement of 43' wood body 5'2 1/8" deep with 3 side doors and 3 pairs in floor, 7'8" wide, bogie centres 31'	- .3.03	1903	-	-	PT	142	-
12414	Drg No 43 Private Owners Wagons-20 Tons Coal Wagon with Steel Body	¾" to 1' body arrangement of 21'6" steel open wagon with 2 side doors, 4'9" deep, width 7'11", 12' wheelbase and 2 bottom doors	- .5.02	1902	-	-	PT	177	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12415	Drawing B3-Private Owners Wagons-30 Tons Coal Wagon with Steel Body	¾" to 1' general arrangement of 32'0" steel body 4'9" deep, 7'8" wide; 5'6" wheelbase bogie, 21' centres	- .5.02	1902	-	-	PT	142	-
12589	Manhole and Float to be Fitted to Liquid Fuel Tank for Trial	3" to 1' arrangement of manhole	19.2.02	1902	-	-	PT	54	-
12637	Eight Coupled Tank Engine	½" to 1' side elevation and weights of 0-8-0 tank, wheels at 7'6", 8'9" and 7' centres My note: probably as built	28.11.03	1903	-	-	PT	53	-
12650 Sheet 3	Diagrams of 13 Passenger Tank Locomotives Dia 64 L77 Class Dia 11 G69 Class Dia 60 Y65 Class Dia 54 M15 Class with G69 Boiler Dia 34 M15 Class with G69 Boiler Dia 9 M15 Class Dia 14 C32 Class Dia 13 S44 Class Dia 55 C72 Class Dia 20 S56 Class Dia 38 Rebuilt R&S24 Class Dia 16 R24 Class Dia 15 E22 Class	1/8" to 1' diagrams, size 7¼" x 4¾"	- .5.21	1921	L77 G69 Y65 M15 M15 M15 C32 S44 C72 S56 R&S24 R24 R24	N7 F6 F7 F4 F4 F4 F3 G4 J68 J69 J67 J67 J67	PT	166	-
12650 Sheet 1	11 Express Engine Diagrams Dia 19 S46 Engines Dia 30 T26 Engines Dia 32 T19 Class with Belpaire Boiler Dia 35 D56 Class Belpaire Boilers Dia 36 S46 Engines Dia 39 T19 Class with Belpaire Boiler and G16 Bogie Dia 43 S69 Class Belpaire Boilers Dia 62 D56 Class fitted with Schmidt Superheater Dia 63 D56 Class Belpaire Boiler fitted with Swindon	1/8" to 1 diagrams, size 7 ¾" x 4 ¾"	- .5.21	1921	- S46 T26 T19 D56 S46 T19 S69 D56 D56	- D14 E4 D13 D15 D14 D13 B12 D15 D15	PT	179	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Superheater Dia 66 T19 Class with Belpaire Boiler and G16 Boiler fitted with Superheater Dia 67 D56 Class Belpaire Boilers fitted with Robinson Superheater				T19 D56	D13 D15			
12650 Sheet 2	11 Goods Tender Engine Diagrams Dia 22 N31 Class Dia 23 F48 Class with schedule dividing class into 4 Groups Dia 24 F48 Class Firebox 114 sq ft Dia 27 Y14 Class Dia 40 F48 Class Belpaire Boilers Dia 42 E72 Class Belpaire Boilers Dia 44 F48 Class Firebox 107.88 sq ft Dia 68 T77 Class Belpaire Fireboxes Dia 69 G58 Class Belpaire Boilers fitted with Superheater Dia 70 D81 Class Belpaire Boilers Dia 71 Ministry of Transport Pool Locomotive 2-8-0 Freight Class	1/8" to 1' diagrams, size 7 3/4" x 4 3/4"	- .5.21	1921	- N31 F48 F48 Y14 F48 E72 F48 T77 G58 D81 -	- J14 J16 J16 J15 J16 J18 J16 J19 J17 J20	PT	179	-
12650 Sheet 4	9 Goods Tank, Tram and Crane Engine Diagrams Dia 7 Crane Dia 8 T18 Class Dia 10 Trams (0-4-0) Dia 18 Shunting ('A') Dia 25 209 Class Dia 26 Trams (0-6-0) Dia 58 G75 Class Dia 61 B74 Class Dia 65 B77 Class	1/8" to 1' diagrams, 7 3/4" x 4 3/4"	- .5.21	1921	- 204 T18 G15 200 209 C53 G75 B74 B77	- J92 J66 Y6 - Y5 J70 J68 Y4 Y4	PT	179	-
12650	K85 Class	1/8" to 1' diagram, size 7 3/4" x 4 3/4"	-	1921	K85	N17	DT	179	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-72	K85 Class	Endorsed: K89 added in red, undated	-	1921	K85	N7	PT	179	-
12650 -73	D56 Class Engines with 5'0" Dia. Belpaire Boilers fitted with Robinson Superheater	1/8" to 1' diagram, size 7 3/4" x 4 3/4"	-	1921	D56	D15	PT	179	-
12702	Wide Suburban Brake Third-Arrangement of Guards Compartment with 3 3rd Class Compartments	1½" to 1' showing part side elevation and plan of brake end, Endorsed: classes 042 (2 to this), R53 (4), T58 (4); commode handles to red 31.3.03	3.10.01	1901	O42 R53 T58	521C	PT	1	-
12707 Part	Lengthening Irons for Turntable	1½" to 1' elevations and plan of 14' long irons.	27.6.05	1905	-	-	PT	107	-
12750	Private Traders 40 Tons Coal Wagon with Wood Body Drg 'A'	1" to 1' general arrangement of 46' long wagon, 4 wheel bogies 4'7¼" deep body, 3 side doors and 3 pair of bottom doors. Capacity 1571 cu ft	17.12.01	1901	-	-	PT	87	-
12751	Private Traders 40 Tons Coal Wagon with Steel Body Drg 'B'	1" to 1' general arrangement of 43' long body, 4 wheel bogies 4'6" deep body, 3 side doors and 3 pair of bottom doors. Capacity 1620 cu ft Endorsed: for underframe and bogies see Dg 12750	16.12.01	1901	-	-	PT	87	-
12752	Private Traders 30 Tons Coal Wagon with Wood Body Drg 'C'	1" to 1' general arrangement of 35' long wagon, 4 wheel bogies 4'7¼" deep body, 2 side doors and 2 pair of bottom doors. Capacity 1167 cu ft	17.12.01	1901	-	-	PT	87	-
12753	Private Traders 43 Tons Coal Wagon with Steel Body Drg 'D'	1" to 1' general arrangement of 32' body, 4 wheel bogies 4'7" deep body, 2 side doors and 2 pair of bottom doors. Capacity 1226 cu ft	16.12.01	1901	-	-	PT	87	-
12754	Private Traders 20 Tons Coal Wagon with Wood Body Drg 'E'	1" to 1' general arrangement of 21'6" long wagon, 4'7¼" deep body, 1 side doors and 1 pair of bottom doors. Capacity 779.2 cu ft.	16.12.01	1901	-	-	PT	87	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12755	Private Traders 20 Tons Coal Wagon with Steel Body Drg 'F'	1" to 1' general arrangement of 21'6" body, 4'6" deep body, 1 side door and 1 pair of bottom doors. Capacity 810 cu ft	16.12.01	1901	-	-	PT	87	-
12760	Four Wheels Coupled Bogie Express Engines Class F53-Arrangement of Reversing Gear	1½" to 1' arrangement shown on outline of engine Endorsed: altered in red for class D56	- .12.01	1901	F53 D56	D14 D15	PT	76	-
12763	Private Traders Tank Wagon for the Conveyance of Petrol, Etc.	1½" to 1' arrangement of 14'11" wagon, capacity 2,763 gallons, outside dia 6'4", no underframe detail	18.12.01	1901	-	-	PT	43	-
12768	Full Size Half Sections of Rails-Various English Railways 1895	Full size-14 profiles, railways annotated in pencil but no weights	1.1.02	1902	-	-	PT	41	-
12771	Alteration to Wide Suburban Brake Thirds to Obtain Wider Projections	1½" and 3" to 1' part side elevations of brake end and 4 sections of bodyside relating to Dgs Nos 10691 and 11368	6.1.02	1902	-	520C	PT	41	-
12777	Six Wheels Coupled Coal Engines G58 & E72 Classes, Four Wheels Coupled Express Engines-D56 and T19 Belpaire Classes and L77 Class-Safety Valve	3" to 1' and full size, dimensioned arrangement Endorsed: altered for L77 engines 4.1.15 and generally 5.22 and 6.5.29	- .2.14	1914	G58 E72	J17 J18	PT	41	-
12783	Bogie Suburban Brake Third G50	¾" to 1' general arrangement of 54' 6 compartment body	22.1.02	1902	G50	516C	PT	169	-
12828	Drawing 72 Private Owners Wagons Proposed 10 Tons Tank Wagon	¾" to 1' general arrangement of tank wagon on 18' underframe	- .4.03	1903	-	-	PT	9	-
12829	Drawing 73 Private Owners Wagons Proposed 10 Tons Tank Wagon	¾" to 1' outline arrangement of cylindrical tank and method of securing to 18' steel underframe	- .4.03	1903	-	-	PT	9	-
12830	Drawing 74 Private Owners Wagons Proposed 10 Ton Tank Wagon	¾" to 1' alternative method of securing tank to steel underframe	- .4.03	1903	-	-	PT	9	-
12833	Drawing 77 Private Owners Wagons Proposed 15 Tons Tank Wagon	¾" to 1' general arrangement of tank wagon with 21'6" underframe	- .11.02	1902	-	-	PT	9	-
12836	Chimneys for All Classes	3" to 1' elevations and plans of stovepipe and rimmed types with schedule of dimensions required for various classes.	23.10.07	1907	-	-	PT	9	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: cancelled see new drawing No 18961 dated 25.10.13							
12837 Ren	Four Wheels Coupled Engines Class T19 Fitted with Belpaire Firebox Cab and Splashers	1½" to 1' arrangement shown in relation to outline of engine. Endorsed: altered 5.30	15.11.21	1921	T19	-	PT	9	-
12839	Rod, Pipe and Clothing Arrangement for T19 Class Engines with Belpaire Boilers	1½" to 1' arrangement shown in relation to engine.	27.3.08	1908	T19	-	PT	9	-
12850	McDermid's Patent Either Side Wagon Brake No 1 Right Hand	1½" to 1' undimensioned side elevation and plan of brake	11.2.02	1902	-	-	PT	86	-
12851	McDermid's Patent Either Side Wagon Brake No 2 Right Hand	1½" to 1' undimensioned side elevation and plan of brake	11.2.02	1902	-	-	PT	86	-
12852	McDermid's Patent Either Side Wagon Brake No 3 Right and Left	1½" to 1' undimensioned side elevation and plan of brake	11.2.02	1902	-	-	PT	86	-
12854	Four Wheels Coupled Express Engines Classes T19, D56 and Coal Engines Classes G58, E72 Fitted with Belpaire Boiler-Dome Casing	Full size half sectional elevation	5.1.22	1922	T19 D56 G58 E72	D13 D15 J17 J18	PT	84	-
12854 -1	Six Wheels Coupled Bogie Express Engines 1500 Class Belpaire & D81 Class Super Coal	Full size half sectional elevation	29.8.19	1919	S69 D81	B12 J20	PT	84	-
12854 -1 Ren	Six Wheels Coupled Bogie Express Engines B12 Class Belpaire & J20 Goods Engines-	Full size half sectional elevation	20.8.37	1937	-	B12 J20	PT	84	-
12856	Timmis' Patent Bogie Lead Arranged for Officers Saloon	3" to 1' arrangement of part of bogie frame and pivot with 6" to 1' details	25.2.02	1902	X50	7C	PT	104	-
12870	20 Tons Coal Wagon G54	1½" to 1' general arrangement of steel bodied wagon. Endorsed: superseded by Dg No 16285	3.3.02	1902	G54	46W	PT	15	-
12871	10 Inch Carriage Gas Lamp	Full size plan and section	27.2.02	1902	-	-	PT	14	-
12872	McDermid's Patent Either Side Wagon Brake End Views	1½" to 1' end view of rods passing under frame for No 1 right hand, No 2 right hand, No 3 right and left hand brakes	-	-	-	-	PT	50	-
12875	Parker's Patent Either Side Wagon Brake No 1 Right and Left Hand	1½" to 1' arrangement of brake shown on 15' steel frame, type with curved brake handle ratchet	3.3.02	1902	-	-	PT	15	-
12876	Arrangement of Model Link Motion	Full size elevation and plan, model length 1' 7 7/16"	4.4.02	1902	-	-	PT	82	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12879	McDermid's Patent Either Side Hand Brake Applied to Standard 15Ft Steel Underframe. Brake Arrangement and Handle Retainer No	1½" to 1' arrangement of brake Endorsed: see Dg No 12881 for details of brakework.	12.3.02	1902	-	-	PT	15	-
12880	McDermid's Patent Either Side Wagon Hand Brake Applied to Standard 15Ft Steel	1½" to 1' arrangement of brake.	-	1902	-	-	PT	15	-
12890	Drawing No 81 Private Owners Waggon-20 Tons Tank Wagon Alternative Method of Securing Tank to Frame	¾" to 1' general arrangement of 21'6" underframe and tank Endorsed: for further particulars of underframe see Dg 80	5.5.03	1903	-	-	PT	109	-
12896	Draw-Gear-Arrangement for Six Wheeled Carriages (34'6")	3" to 1' section and side elevation and part plan of underframe showing drawgear	19.4.02	1902	-	-	PT	108	-
12900	Either Side Hand Brake-No 3 Brake Arrangement and Retainers (McDermid's Patents) Fitted to the North Eastern Railway Co's 10½ Tons Hopper Wagon	1½" to 16 arrangement of brake 3" to 1' scale details of components Endorsed: supplementary Dg No WB No 19	24.3.02	1902	-	-	PT	109	-
12904	Train Indicator Board for Liverpool Street Station	1" to 1' elevation of 12 destination indicator with luggage label cupboard below	2.4.02	1902	-	-	PT	20	-
12906	Either Side Hand Brake No 2 Brake Arrangement and No 1 Retainers (Mr McDermid's Patents)	1½" to 1' arrangement showing brakes fitted to 16'6" NER 10½ tons hopper wagon with 3" to 1' details. Endorsed: supplementary Dg No WB No 21	- .3.02	1902	-	-	PT	54	-
12907	Buffer for Bogie Carriages	Full size, projects 1'10½", tapered guides, oval heads 1'5" x 12"	8.6.06	1906	-	-	PT	53	-
12910	Either Side Hand Brake Brake Arrangement with No 2 Retainers (McDermid's Patent) fitted to the NER Co's 10½ Tons Hopper Wagon	1½" to 1' arrangement showing brakes on outline general arrangement of wagon Endorsed: supplementary Dg No WB No 22	- .4.02	1902	-	-	PT	54	-
12912	28Ft Travelling Water Tank	1" to 1' arrangement and details of 28' long cylindrical tank only with 3" to 1' details	2.9.07	1907	-	-	PT	54	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12913	28Ft Travelling Water Tank-Arrangement of Underframe and Bogie	1½" to 1' general arrangement of bogie tank wagon My comment: not built	- .9.07	1907	-	-	PT	171	-
12927	General Arrangement of Steel Underframe for Wide Suburban First Class Carriage	1½" to 1' detailed arrangement including brakework Endorsed: superseded by Dg No 14345	9.6.02	1902	-	113C	PT	68	-
12932 Part	Set of Cast Steel Engine Wheels (2 to each per set) for Ten Wheels Coupled Tank	1½" to 1' elevations and sections of 5 pairs of wheels, all slightly different	5.8.02	1902	-	-	PT	107	-
12943	14 Tons Machine Trucks I54-Hornblock	Full size elevations of plan of hornblock	30.5.02	1902	I54	50W	PT	135	-
12948	Underframe for Travelling Gas Reservoir	1" to 1' detailed arrangement of 26' steel underframe, tank fixings, and brake gear with outline of tank Endorsed: for orders LM 3182 and LM 3697; altered to red for LM 6140 and future classes 13.5.12	14.8.02	1902	LM3182 LM3697	63W	PT	130	-
12983	Ten Wheels Coupled Tank Engine Class A55- Foundation Ring	Full size sections and elevations	- .6.03	1903	A55	-	PT	101	-
12984 Part	Cast Steel Spring Bracket	Full size details My comment: Stores ordering tracing	18.7.02	1902	A55	-	PT	56	-
12984 Part	Cast Steel Spring Link	Full size stores ordering tracing My comment: description altered from Link to Hanger	18.7.02	1902	A55	-	PT	101	-
12987	Cast Steel Valve and Spindle Guides (Ten Wheels Coupled Tank Engine Class A55)	Full size elevations and plan-Stores ordering tracing	4.7.02	1902	A55	-	PT	84	-
12988 Part	Cast Steel Slide Block for 10 Wheels Coupled Tank Engine A55 Class	Full size details My comment: Stores ordering tracing	21.7.02	1902	A55	-	PT	67	-
12988 Part	Outside Cast Steel Crosshead	Full size elevations and section Endorsed: for ten wheels coupled tank engine class A55	21.7.02	1902	A55	-	PT	101	-
12989 Part	Cast Steel Crosshead (Inside) A55 Class	Full size elevations and plan-Stores ordering tracing	22.7.02	1902	A55	-	PT	84	-
12989 Part	Sets of Slide Blocks (Inside) A55 Class	Full size elevations and plan-Stores ordering tracing	18.7.02	1902	A55	-	PT	84	-
12991	Cast Steel Stay for Outside Motion Plate	Full size details for 10 wheels coupled tank engine A55 class	15.7.02	1902	A55	-	PT	56	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part		My comment: Stores ordering tracing							
12991	Cast Steel Outside Motion Plate-Ten Wheels Coupled Tank Engine Class A55	3" to 1' arrangement-Stores ordering tracing	1.7.02	1902	A55	-	PT	85	-
12993 Part	Outline of Boiler for Engines Class A55	1½" to 1' side elevation and end sectional view	- .6.02	1902	A55	-	PT	56	-
12998 Part	Set of Valve Spindle Connections.	3" to 1' of 4 components for 10 wheel tank engine My comment: Stores ordering tracing	1.8.02	1902	A55	-	PT	56	-
13002	Cast Steel Inside Motion Plate for Ten Coupled Tank Engine A55	3" to 1' elevations, plan and section-Stores ordering tracing	23.9.02	1902	A55	-	PT	89	-
13005	Ten Wheels Coupled Tank Engine Class A55-Four Column Safety Valve	Full size arrangement and sections	- .9.02	1902	A55	-	PT	89	-
13009	Ten Wheels Coupled Tank Engine Class A55-Arrangement of Outside Motion	3" to 1' side elevation and plan of motion	16.8.02	1902	A55	-	PT	89	-
13014	Cast Steel Brake Hanger Brackets A55 Class	Full size elevations and plan-Stores ordering tracing	22.8.02	1902	A55	-	PT	89	-
13015	Steel Tubes Ten Coupled Tank Engine A55	¼" to 1' details 16'1¼" long tubes	9.9.02	1902	A55	-	PT	97	-
13017	Drawbar Rubbers Ten Coupled Tank Engines A55	Full size details, 8" diameter	9.9.02	1902	A55	-	PT	16	-
13019	Safety Valve Spring for A55 Class	Full size 4½" diameter	- .10.02	1902	A55	-	PT	65	-
13020	Ten Wheels Coupled Tank Engine Class A55-Smokebox	3" to 1' sectional side and end elevation of smokebox	- .10.02	1902	A55	-	PT	119	-
13028	Ten Wheels Coupled Tank Engine Class A55-Rod, Pipe and Clothing Arrangement	1" to 1' elevations and plan	- .11.02	1902	A55	-	PT	119	-
13030	Ten Wheels Coupled Tank Engine Class A55-Arrangement of Brake	1" to 1' arrangement shown in relation to outline elevations and plan of engine Endorsed: for other alterations see Shop copy	12.11.02	1902	A55	-	PT	119	-
13038 -1	Air Sanding Reversing Valve	Full size undimensioned arrangement My comment: probably for A55 class	- .12.01	1901	A55	-	PT	82	-
13038 -2	Sanding Valve	Full size undimensioned arrangement	- .12.01	1901	A55	-	PT	82	-
13039	Ten Wheels Coupled Tank Engine-General Arrangement	1½" to 1' general arrangement of 0-10-0 'Decapod' engine	- .12.02	1902	A55	-	PT	119	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13040 -1	Sand Trap and Ejector for Tank Engine Class A55	Full size dimensioned arrangement	28.11.07	1907	A55	-	PT	82	-
13040 -2	Five Way Piece	Full size undimensioned arrangement My note: probably for A55 class	- .12.02	1902	A55	-	PT	82	-
13043	Ten Wheels Coupled Tank Engine Class A55- Arrangement of Water Gauge	1½" to 1' arrangement shown on outline of part of cab	- .1.03	1903	A55	-	PT	82	-
13054	General Arrangement of Low Floored Milk Van Class X53	1" to 1' general arrangement of 31'6" 6 wheel van on 2'9" wheels	13.6.02	1902	X53	22M	PT	167	-
13067 Part	Arrangement of Steam Brake on Engines No 209, 210, 226-231	1½" to 1' of equipment on rear part of engine	26.11.03	1903	209	Y4-5	PT	26	-
13076	Standard Wheels and Axle for Carriages	3" to 1' elevation of 3'6½" diameter Mansell wheelset.	- .7.02	1902	-	-	PT	17	-
13078	Horse Box Body Elevations and Plan Class M54	1½" to 1' general arrangement of body Endorsed: to be lettered 'Not to run between Berwick and Edinburgh' 27.11.27; shutters screwed up 20.7.39	28.7.02	1902	M54	17M	PT	15	-
13079	Horse Box Sections M54	1½" to 1' sectional views of body. Endorsed: see Dg No 13078 for elevations	28.7.02	1902	M54	17M	PT	15	-
13082	Post Office Van D55-Exterior	1" to 1' detailed elevations and plan of 6 wheel van	30.7.02	1902	D55	704C	PT	29	-
13083	Post Office Van D55-Arrangement of Interior	1" to 1' detailed interior elevations and plan	25.9.02	1902	D55	704C	PT	29	-
13088	Arrangement of Underframe for Horsebox Class M54 and H53	1½" to 1' detailed arrangement of channel steel underframe for 16'8" body Endorsed: altered 12.10.04	29.10.02	1902	M54 H53	17M	PT	29	-
13114	Post Office Van D55-Gangway	3" to 1' arrangement of gangway and details of components	26.10.02	1902	D55	704C	PT	96	-
13121	10 Ton Goods Wagon 3Ft 5 5/8Ins Deep	1½" and 3" to 1' of 15' long wagon with sides 6 planks deep Endorsed: for other particulars see Dg No 9606.	8.10.02	1902	-	-	PT	15	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13124	Arrangement and Details of Electric Light Fittings on Suburban Train.	1/8", 3/4", 3" and 6" to 1' relating to 15 coach 4 wheel train, showing components and their position on underframe	21.1.02	1902	-	-	PT	13	-
13129	12 Tons Accident Crane H55 Class Underframe Arrangement	1 1/2" to 1' arrangement of 6 wheel underframe 20'4" long, with 2'10" wheels.	11.11.02	1902	H55	-	PT	15	-
13133	Guard Truck for 12 Tons Accident Crane H55 Class	1 1/2" to 1' general arrangement of truck with outline of runners	10.1.03	1903	-	-	PT	72	-
13146 Ren	Tramway Engines Class C53 (J70)-Boiler	1 1/2" to 1' arrangement of boiler with 6" to 1' details of riveting	19.8.20	1920	C53	J70	PT	129	-
13152	Arrangement of Brick Arch, Blast Pipe, Etc. 1870 Class	3/4" to 1' diagram of boiler showing arch	- .12.02	1902	S46	D14	PT	22	-
13167	McDermid's Patent Either Side Wagon Hand Brake No 2 Arrangement Fitted to LN&WR Co. 7 Tons Deep Sided Open Goods Wagon Wood Underframe	1 1/2" to 1' arrangement of underframe and brake gear. Endorsed: Dg WB No 29 for details see WB No 30	- .12.02	1902	-	-	PT	21	-
13169	Liquid Fuel Nozzle	Full size elevations and plan of nozzle for engines	- .12.02	1902	-	-	PT	21	-
13170	McDermid's Patent Either Side Wagon Hand Brake Applied to Standard 15Ft Steel Underframe	1 1/2" to 1' dimensioned arrangement, for details see Dg No 13181 and catches No 13190-13193	5.2.03	1903	-	-	PT	21	-
13179	Ilford	1/2500 plan of area west of station Copy of Land Agents Plan 17749A	6.2.04	1904	-	-	PT	72	-
13182	Laycock's Either Side Wagon Friction Brake- Patent No 27704-02 Applied to GER Co's Standard 15Ft Steel Underframe Wagon	1 1/2" to 1' general arrangement with 3" to 1' details Subsiduary No WB 33	- .1.03	1903	-	-	PT	86	-
13190	McDermid's Patent Either Side Wagon Hand Brake-Arrangement and Details of Catches	1 1/2" to 1' arrangement of gear shown on outline of steel underframe 3" to 1' details of levers and catches Endorsed: for arrangement of brakework see Dg No 13170; supplementary Dg No 4	6.5.04	1904	-	-	PT	132	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13191	McDermid's Patent Either Side Wagon Hand Brake-Arrangement and Details of Catches No 5 Arrangement	1½" and 3" to 1' arrangement and details applied to standard 15' steel underframe Endorsed: for arrangement of brakework see 13170 and detail 13181	6.5.04	1904	-	-	PT	80	-
13192	McDermid's Patent Either Side Wagon Hand Brake-Arrangement and Detail of Catches Drg No 1 Arrangement	1½" and 3" to 1' arrangement and detail applied to standard 15' steel underframe Endorsed: altered 10.10.04; for arrangement of brakework see 13170 and detail 13181	5.5.04	1904	-	-	PT	80	-
13193	McDermid's Patent Either Side Hand Brake-Arrangement and Details of Catches No 3	1½" and 3" to 1' arrangement shown on 15' steel underframe	5.5.04	1904	-	-	PT	80	-
13194	Refrigerating Car for Messrs. Polenghi Lombardo and C. Codogno	1 to 10 arrangement of 7.86m van body with refrigerated compartments in each end, 10,000 kilos capacity built by G. Ponzio Endorsed: copy of drawing by Giuseppe Ponzio, Milano	- .10.97	1897	-	-	PT	80	-
13200 13201 13202	Omnibus Diagrams	See entries under Dg No 11779							
13203	Bogie Suburban Train (Enfield Train): Average Wide Suburban Train; Workman's Train	1/8" to 1' outline formations of 8, 15 and 15 coach trains Endorsed: relates to Mr Ivatt's letter dated 30.12.02	13.1.03	1903	-	-	PT	78	-
13205	Amended Proposal for Low 1 Horse Lorry	¾" to 1' outline elevations	9.1.03	1903	-	-	PT	78	-
13208	Diagram of 40 Tons Private Owners Wagon	½" to 1' outline elevations and plan of 43' steel bodied bogie truck 5'2" deep, 8' wide with 3 side doors	27.1.03	1903	-	-	PT	78	-
13209	Ten Wheels Coupled Tank Engine-Coupling Rods	3" to 1' elevation and plan	- .1.03	1903	A55	-	PT	95	-
13210	Ten Wheels Coupled Tank Engine-Inside	3" to 1' elevation and plan	1.1.03	1903	A55	-	PT	95	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13210	Connecting Rod	3" to 1' elevation and plan	- .1.03	1903	A55	-	PT	32	-
13211	Ten Wheels Coupled Tank Engine Outside Connecting Rod	3" to 1' arrangement of rod 10' centres	- .1.03	1903	A55	-	PT	32	-
13212	First Class Suburban Carriage to Seat 40 Passengers	½" to 1' outline side and sectional end elevations and interior plan of 6 a side stock	5.2.03	1903	-	113C	PT	37	-
13213	Second Class Suburban Carriages to Seat 60 Passengers	½" to 1' outline side and sectional end elevations and interior plan of 6 a side stock	5.2.03	1903	-	308C	PT	37	-
13214	Third Class Suburban Carriages to Seat 60 Passengers	½" to 1' outline side and sectional end elevations and interior plan of 6 a side stock	5.2.10	1910	-	408C	PT	37	-
13215	Proposed Covered Goods Wagon 2'0" Longer than Standard Wagon-Scheme A	½" to 1' side elevation of 18'1" open framed body	5.2.03	1903	-	-	PT	38	-
13216	Proposed Covered Goods Wagon 3'2" Longer than Standard Wagon-Scheme B	½" to 1' side elevation of 19'3" open framed body on standard cattle wagon steel underframe	5.2.03	1903	-	-	PT	38	-
13218	Diagram of Restaurant Car	¾" to 1' detailed diagram of 12 wheel 55' car with panelling and interior detail	11.2.03	1903	-	414C	PT	32	-
13222	Diagram of Tender for GER Engine No 0275	½" to 1' side elevation of 2,000 gallon tender	6.3.03	1903	-	-	PT	37	-
13226	Diagram of Covered Carriage Truck	¾" to 1' outline side and end elevation of 20'4" and 21'0" vans	24.2.03	1903	-	10M	PT	32	-
13228	Diagram of Lavatory Bogie Composite Carriage	¾" to 1' detailed side and end elevations and interior plan of 48'3" semi-corridor carriage	26.2.03	1903	-	212C	PT	37	-
13234	Plan of Proposed New Hook of Holland Train	1/8" to 1' plan of two trains of 11 coaches and a luggage truck, schemes 1 and 2 Endorsed: formerly Dg No 45 CD	- .3.03	1903	-	-	PT	140	-
13237	Ten Coupled Tank Engines A55-Arrangement of Air Sanding Valve (Holden & Russell's Patent)	¾" to 1" unfinished side elevation of 0-10-0WT Decapod Endorsed: part of Dg Nos 13028 and 13041 Endorsed: made for Patent agents	-	-	A55	-	PT	140	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: title taken from Shannon							
13246	Diagram Showing GCR Corridor Brake Carriage and GER Loading Gauge	1½" to 1' end elevation	- .6.03	1903	-	-	PT	18	-
13247	Diagram Showing GCR Corridor Brake Carriage and Loading Gauge	1½" to 1' end elevation Copy of GCR plan Part Dg 1668 dated 11.5.01	12.6.03	1903	-	-	PT	18	-
13248 Part	Proposed Alteration to Officers Saloon No 48	3/8" to 1' interior plan, body extended from 34'6" to 45' long. Endorsed: altered to Scheme 1 30.7.03	21.7.03	1903	-	7C	PT	18	-
13248 Part	Proposed Alteration to Officers Saloon No 48	3/8" to 1' interior plan, body extended from 34'6" to 48'3" long. Endorsed: altered to Scheme 2 30.7.03	21.7.03	1903	-	7C			
13248 Part	Proposed Alteration to Officers Saloon No 48	3/8" to 1' interior plan, body extended from 34'6" to 48'3" long. Endorsed: altered to Scheme 2A 30.7.03	12.8.03	1903	-	7C			
13249	Diagram of Officers Saloon No 48	3/8" to 1' interior plan of 34'6" saloon	12.8.03	1903	-	7C			
13260	Diagram of Proposed Hook of Holland Train	1/16" to 1' outline plans of Schemes 1,2 & 3	- .7.03	1903	-	-	PT	107	-
13260 Part	Diagram of Proposed Hook of Holland Train	1/16" to 1' outline plan of Scheme 3 Endorsed: former Dg 45A C.D.	15.9.03	1903	-	-	PT	107	-
13263	Diagram of Boiler with Jointless Barrel for Engines Classes T19, T26, D27, N31, D32	1½" to 1' dimensioned sectional side elevation of boiler	7.10.03	1903	-	-	PT	107	-
13265	Diagram of Boiler with Jointless Barrel for Engines Classes T19, T26, D27, N31, D32	1½" to 1' undimensioned sectional side elevation of boiler	7.10.03	1903	T19 T26 D27 N31	D13 E4 - J14	PT	107	-
13266	Steel Tubes for Boilers T18 Class	¾" to 1' details of tubes	- .10.03	1903	T18	J66	PT	107	-
13268 Part	Diagram of Proposed Hook of Holland Train	1/16" to 1' outline plan of proposed train of 48'3" and 50' stock, 32' brake and twin	19.10.03	1903	-	-	PT	107	-
13271	Diagram of Loading and Construction Gauges	½" to 1' dimensioned profile	23.10.03	1903	-	-	PT	114	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13274	One or Two Horse Omnibus Nos 1 to 9	½" to 1' diagrams size 13 1/8" x 6 ¼"	- .11.03	1903	-	-	PT	163	-
13275	Two Horse Omnibus No 10								
13276	Two Horse Omnibus No 12								
13277	One or Two Horse Omnibus Nos 14 and 15								
13278	One or Two Horse Omnibus No 16								
13279	One or Two Horse Omnibus No 17								
13280	One or Two Horse Omnibus No 18 to 21								
13281	Two Horse Omnibus No 22								
13282	Cash Omnibus No 23								
13274 Att	Index of Diagrams 13274 to 13282 plus diagrams Nos 13 to 17 for Motor	½" to 1' diagrams size 13 1/8" x 6 ¼"	-	-	-	-	PT	163	-
13283	Two Horse Omnibus	½" to 1' diagram of 24 passenger bus 7'8" body inside Nos 26 & 27	18.5.04	1904	-	-	PT	95	-
13284	One or Two Horse Omnibus	½" to 1' diagram of 8 passenger bus 5'2" body Nos 28-33							
13285	Road Invalid Carriage	½" to 1' diagram of carriage 7' inside No 2							
13287	Diagram of Power Reversing Gear for Locomotive	Unscaled undimensioned diagram	-	1908	-	-	PT	6	-
13287	Power Reversing Gear for Locomotives	Sheet of written instructions on the working of the gear	-	1908	-	-	PT	6	-
13289	G.E. Kelvedon & Tollesbury Light Railway- Diagram of Car Showing Footboards in Relation to Platform	1" to 1' end profile of car showing footboards and platform 1' above rail level	16.11.03	1903	-	-	PT	114	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13290	Diagram of New Hook of Holland Train	1/8" to 1' plan of 13 clerestory coach train; 6 wheel brake 2nd and 2 x 6 wheel brakes 'to have plain elliptical roof'	19.11.03	1903	-	-	PT	95	-
13292	Diagram of 14 Ton Machine Truck	¾" to 1' outline side and end elevation of 25'6" truck Endorsed: D48 and future classes	8.12.03	1903	-	50W	PT	114	-
13323	Diagram of Apparatus as Used on Vehicles Fitted with Westinghouse Quick Acting	Diagrammatic elevation with instructions for use	26.2.04	1904	-	-	PT	71	-
13327	Diagram Showing Arrangement of Steam Sanding Gear Worked from Regulator	Unscaled details of arrangement	- .10.04	1904	-	-	PT	59	-
13327	Steam Sanding Gear	Descriptive panel explaining the working of the gear	- .3.08	1908	-	-	PT	66	-
13329	Walschaert's Valve Gear	Diagrammatic side elevation of gear Endorsed: cylinders 12" dia by 15" stroke, lap 7/8", lead 1/16" constant	27.4.04	1904	-	-	PT	70	-
13330	Diagram of New Hook of Holland Train de Luxe	1/16' to 1' outline elevation and plan of train drawn in ornamental frame	30.4.04	1904	-	-	PT	59	-
13330 Amd	Diagram of Hook of Holland Train de Luxe	1/16" to 1' outline elevation and plan of train drawn in ornamental frame	13.7.09	1909	-	-	PT	59	-
13331	Gradient Sections Chemin de Fer Du Nord Paris to Calais (Maritime)	½" to 1' mile scale diagram.	-	1908	-	-	PT	9	-
13332	Diagram of Proposed 10 Tons Wagon	¾" to 1' elevations of 16' long wagon with 10' wheelbase, 8' wide, capacity 510.2 cu ft	27.3.04	1904	-	-	PT	22	-
13333	Proposed Method of Increasing the Capacity of Existing High Sided Wagons	1½" to 1' end elevation of wagon showing steel and wood frame, two extra planks proposed to give 4' 0½" depth inside, capacity 448 cu ft	27.5.04	1904	-	-	PT	22	-
13335	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox and G16	½" to 1' arrangement of boiler	28.5.04	1904	T19		PT	9	-
13336	Diagram of Proposed 10 Tons (Alternative to Dg No 13332)	¾" to 1' side and end elevations of 17' long truck, 7 planks, 4'5 1/8" wheelbase 10', capacity 559 cu ft	30.5.04	1904	-	-	PT	22	-
13337	Stephenson's Link Motion	Unscaled diagram, about ¼" to 1', without dimensions	-	1908	-	-	PT	9	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13338	Norwich Bag Tender	1½" to 1' interior plans and sections of 34' carriage showing furniture and fittings	4.6.04	1904	-	704C	PT	17	-
13339	Plan and Profiles of G.W. Dining Saloons, Profiles of G.E. Restaurant Cars	½" to 1' plan and profiles	13.6.04	1904	-	-	PT	9	-
13342	Diagram of Gradients-Beccles to Lowestoft	½" to 1 mile horizontal scale	- .6.04	1904	-	-	PT	61	-
13343	Outside View of 8 Wheels Coupled Goods Engine LM3780	1½" to 1' outline side elevation, probably of engine as built	- .6.04	1904	LM3780	-	PT	53	-
13344	High Sided Wagon Brake/Covered Goods Wagon Brake	1" to 1' undimensioned side elevation of brake for 9' and 9'6" wheelbase	22.6.04	1904	-	-	PT	60	-
13345	Diagram Showing Formation of Trains Running Between Liverpool Street and	1/16" to 1' outline side elevations of 5 trains at 10 year intervals	30.6.04	1904	-	-	PT	57	-
13349	Diagram of Pipes for Alteration of Water Scoop from Steam to Air Power for Express	1½" to 1' arrangement on outline side and end elevation of tender tank	5.8.04	1904	D56	D15	PT	123	-
13352	Particulars of Boilers	Outline side and end elevation of a boiler with table for 26 engines classes showing dimensions, heating and grate surface, number of tubes, plate thickness, etc. for each boiler	15.8.04	1904	-	-	PT	177	-
13356	Loading and Construction Gauges	½" to 1' fully dimensioned profiles. Endorsed: traced from lithographic print from Engineers Department Plan No A12059	5.12.04	1904	-	-	PT	61	-
13358	Superheater as Used on the Prussian State Railways	1½" to 1' undimensioned sectional elevations of smokebox	- .12.04	1904	-	-	PT	61	-
13359	Riot's Superheater as Used on the Great Eastern Railway 1879	1½" to 1' undimensioned sectional elevations of smokebox. My comment: this has been recorded elsewhere by the GER as 'Rist's'	- .12.04	1904	-	-	PT	61	-
13367	Diagram of Gold's Storage System of Heating Carriages	Diagram showing engine and tender fittings, reducing valve and carriage fittings with instructions	11.1.05	1905	-	-	PT	88	-
13367	Gold's Storage System of Heating Carriages	Diagram showing engine and tender fittings, reducing valve and carriage fittings	- .11.08	1908	-	-	PT	88	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: the same as Dg 13367 above but without the instructions							
13370	Diagram of Proposed New Ballast Wagons	¾" to 1' outline arrangement of centre coupled, low floored wagons types A-bolster and C-guard truck My comment: probably as built to dia 57W	- .7.05	1905	-	-	PT	88	-
13371	Ordinary Yarrow Boiler-Arrangement of Liquid Fuel Injectors (Holden's System)	1½" to 1' outline of boiler and injectors	- .2.05	1905	-	-	PT	88	-
13372	Double Length Yarrow Boiler-Arrangement of Liquid Fuel Injectors (Holden's System)	1½" to 1' outline of boiler and injectors	- .2.05	1905	-	-	PT	88	-
13375	Ordinary Yarrow Boiler-Arrangement of Liquid Fuel Injectors (Holden's System)	1½" to 1' outline of boiler and injectors	- .2.05	1905	-	-	PT	88	-
13380	Six Wheels Coupled Coal Engines F48 Class-Balance Weight Diagrams	Unscaled diagram	- .3.05	1905	F48	J17	PT	88	-
13384	Positions of Brake Pipes on Great Eastern Company's Vehicles	1½" to 1' outline elevations of carriages, vans and open carriage trucks My comment: prepared as the basis of a coloured print	29.3.05	1905	-	-	PT	49	-
13387	Diagram Showing Types of Gangway and Vestibule Carriages	1" to 1' part outline side elevation of 2 GER clerestory carriages and LNWR carriage	5.5.16	1916	-	-	PT	49	-
13387-1	Diagram Showing Types of Gangway and Vestibule Carriages	¼" to 1' part side elevation and plan of GER and LNWR 12 wheel dining saloons	5.5.16	1916	-	-	PT	49	-
13390	Diagrams of Engines Showing Lengths of Wheelbases and Weights Upon Rails	1/8" to 1' diagrams, wheels only of Nos 1850-1859, No 700 class, No 650 class and No 610 class	27.6.05	1905	-	-	PT	49	-
13391	Diagram of Accident Crane Showing Length of Wheelbase and Weights Upon Rails	1" to 1' outline side elevation of 12 Tons steam 6 wheel crane, 13' wheelbase	27.6.05	1905	-	-	PT	49	-
13392	Ten Wheels Coupled Tank Engine-Diagram Showing Centre of Gravity	¾" to 1' outline elevations Endorsed: weights on wheels taken same as diagram No 12632	- .7.05	1905	A55	-	PT	90	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13394	Diagram of Widened Suburban Carriage Showing Maximum Dimensions	1" to 1' outline end elevation of carriage with roof fittings and open doors	27.7.05	1905	-	-	PT	49	-
13415	Six Wheels Coupled Goods Engines Class F48-Smokebox	1½" to 1' sectional elevation only of smokebox	25.7.04	1904	F48	J16	PT	33	-
13416	General Arrangement of Tender-Water Cap 3450 Galls-Arrangement of Liquid Fuel Tank and Gear G53	1½" to 1' detailed arrangement 18'3" long on 6 wheel frame. My comment: tracing torn, date missing	6.2.03	1903	G53	-	PT	33	-
13419 A	Part Plan of Stratford Works Showing Proposed Repair Shop	88' to 1' plan of proposed shop 480' long with 4 bays 180' width Endorsed: for position of coal stacks see coloured print No 13419A Drawing Office Record	12.3.14	1914	-	-	PT	33	-
13420	Six Wheels Coupled Goods Engines-General Arrangement	1½" to 1' elevations of engine	10.2.03	1903	F48	J16	PT	71	-
13423	Gradients London to Enfield	10 chains to 1" horizontal scale Part copy of Engineers Plan No A11889	- .2.03	1903	-	-	PT	39	-
13424	Standard Engine Tyre on Standard Bull Headed Bridge Rails	Full size end profile of rails	16.2.03	1903	-	-	PT	33	-
13426	GER Lynn-Proposed Carriage Shed for Royal Train	1" to 20' plan of station area showing single road shed Copy of Engineer's Dg A11773 Scheme 2 dated 5.2.03	19.2.03	1903	-	-	PT	84	-
13427	21Ft Open Carriage Truck Class B56	1½" to 1' general arrangement of 21' truck	6.3.03	1903	B56	7M	PT	65	-
13430	Four Wheels Coupled Bogie Express Engine General Arrangement	1½" to 1' sectional side elevation and plan of engine	20.2.03	1903	S46	D14	PT	65	-
13432	Rail Sections Inside of Rail is in Each Case to Left of Sectional Drawing	Full size sections of 60 worn rails on GER system with location, origin and date laid	23.2.03	1903	-	-	PT	84	-
13440	Four Wheels Coupled Tank Engines Class P55 Boiler	1½" to 1' arrangement of boiler with full size detail of riveting Endorsed: for boiler with steel firebox see 16083 9.12.07	- .3.03	1903	P55	F4	PT	65	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13441	Rail Sections	Full size end profiles of 51 worn rails, numbered 40 to 111, showing supplier, weight, date laid and location	-	-	-	-	PT	135	-
13442	Low One Horse Lorry D&P 6686	1½" to 1' general arrangement of 4 wheeled lorry length 11'8"	11.6.03	1903	D&P 6686	-	PT	122	-
13448	Arrangement of Trevithick's Locomotive	1½" to 1' undimensioned side elevation of engine	7.3.03	1903	-	-	PT	122	-
13450	Four Wheels Coupled Bogie Express Engines Class F53-Cab and Splashers	1½" to 1' detailed arrangement	12.3.03	1903	F53	D14	PT	122	-
13451	Four Wheels Coupled Tank Engines P55 (F4 Class)-Smokebox	3" to 1' sectional elevations of smokebox Endorsed: for arrangement of Westinghouse and Vacuum exhaust pipes see Attachment Dg 13451 dated 9.15 for details of smokebox and cylinders	- .4.03	1903	P55	F4	PT	78	-
13451 Att	Arrangement of Westinghouse and Vacuum Exhaust Pipes Classes F4, F5 & F6	3" and 6" to 1' sectional elevations Endorsed: for dimensions of smokebox see Dg 13451 My comment: drawn by John Gardner, GERS member	- .9.50	1950	-	F4 F5 F6	PT	78	-
13453	GER Wickford Proposed Siding for Water Tank-Signals	33' to 1' plan for 60,000 gallon tank behind coal stage by River Crouch Copy of Engineers Dg No 25746	24.2.03	1903	-	-	PT	50	-
13454	Diagram of Horse Box No 513 in Loading Gauge	1½" to 1' end profile in relation to gauge	12.3.03	1903	-	15M	PT	78	-
13468	Engines Type F4 (Class P55) F5 & F6-Blast Pipe	6" to 1' detailed arrangement Endorsed: undated alteration	14.5.33	1933	P55	F4	PT	79	-
13470	10 Ton Goods wagon 4'0½" Deep	1½" to 1' arrangement of 15' 7 plank open body with 3" to 1' details of body ironwork Endorsed: for other particulars see Dg No 9606	23.3.03	1903	-	48W	PT	171	-
13476	Four Wheels Coupled Tank Engines Class P55-Framing	1½" to 1' elevations and plan of frame with 5'4" wheels and springing	- .4.03	1903	P55	F4	PT	48	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13485	Goodmayes Station-Proposed Mushroom Tank for Up Goods Sidings	66' to 1" plan of immediate station area	21.4.04	1904	-	-	PT	8	-
13486	Stratford to Brentwood-Gradients	10 chains to 1" horizontal and 20' to 1' vertical scales profile of main line and position of stations Copy of Engineer's Dg No A12353	5 5 03	1903	-	-	PT	178	-
13487	GER Bury St Edmunds-Proposed Water Tank	1/500 scale plan of tank adjoining existing tower behind up platform Copy of Chief Engineer's Plan No 29396 dated 4.03	22.4.03	1903	-	-	PT	123	-
13490	Arrangement of Covered Goods Wagon Class F56, I57	1½" to 1' general arrangement of 19'3" covered van Endorsed: cancelled for H66 and future classes see new drawing same number dated 9.6.10; for underframe for G64 and future classes see Dg No 16204	11.5.03	1903	F56 I57	47W	PT	124	-
13490	Arrangement of Covered Goods Wagon	1½" to 1' general arrangement of 19'3" covered goods van with full size sections of doorway	26.8.10	1910	-	47W	PT	141	-
13495	Proposed Vestibules for Officers Saloon No 48	1" to 1' part side and end elevation of clerestory body with plan of veranda with iron railings and gate	1.5.03	1903	X50	7C	PT	124	-
13497	Sketch Showing Proposed Position of Examiners Box at Goodmayes Shunting Yard	Unscaled plan of end of down station platform and small part of yard	22.4.03	1903	-	-	PT	66	-
13498	GER Whittlesford-Proposed Extension of Down Refuge Siding	33' to 1" layout of yard north of level crossing Copy of Engineer's plan No 25668 dated 9.9.02	4.5.03	1903	-	-	PT	145	-
13499	Alterations to Details of Gunpowder Vans	Full size details of cast iron notice 1'0¼" x 7 3/8" stating 'Notice No Unauthorised Person Is Allowed to Open These Doors'. Endorsed: altered 8.10.03	14.5.03	1903	-	9W 62W	PT	11	-
13504	17 Tons Goods Brake-Brake Hangers on the	1½" to 1' part elevation of brake block and	20 5 03	1903	C49	2W	PT	100	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13504	First 20 Built	hanger and modification	20.5.03	1903	C51	2W	PT	100	-
13507	Scheme A Proposed Method of Altering Existing Standard Covered Goods Wagons to Meet Messrs. Ind, Coope & Co's Requirements Scheme B Proposed Method of Constructing 4 of the Covered Goods Wagons now Building to Meet Messrs. Ind, Coope & Co's Requirements	1½" to 1' part elevations and sections showing cavity filling of silicate cotton to insulate body Endorsed: cost of Scheme A £21, scheme B £15 10s	21.5.03	1903	-	15W	PT	96	-
13509	Method of Strengthening Axleguards on 20 Tons Coal Wagons	1½" to 1' axleguard with angle riveted on inside	26.5.03	1903	-	46W	PT	100	-
13511	GER Stowmarket-Proposed Extension of Up Refuge Siding and Alteration in Site of Water Column	66' to 1" layout of yard and station buildings Copy of Engineers plan No 25778, formerly 2403	- . -.03	1903	-	-	PT	3	-
13513	GER Hainault - Proposed Positions of Mushroom Water Tanks and Cranes	33' to 1" plan shows tank and crane on each platform and New North Road bridge Copy of Engineer's plan No W.I.266	29.5.03	1903	-	-	PT	3	-
13514	20 Tons Goods Brake-Underframe Class H56	1½" to 1' arrangement of 17'6" 6 wheel steel underframe with brake details Endorsed: cancelled see Dg No 14975 9.10.07	28.10.03	1903	H56	49W	PT	168	-
13515	20 Tons Goods Brake Class H56 (Six Wheeled)	1½" to 1' general arrangement of 17'6" brake body	9.10.03	1903	H56	49W	PT	168	-
13523	Six Wheels Coupled Tram Engines C53 Class-Firehole Door	6" to 1' dimensioned diagram Endorsed: see renewal dated 14.3.46 My comment: damaged tracing title and date missing	- .6.03	1903	C53	J70	PT	22	-
13523 Ren	Engines Type J70 Firehole Door	6" to 1' arrangement of firehole door	14.3.46	1946	-	J70	PT	22	-
13529	Six Wheels Coupled Tram Engines Class C53-General Arrangement	1½" to 1' elevations and plan	- .6.03	1903	C53	J70	PT	71	-
13530 Part	Engines 710 Class Fitted with Belpaire Boilers Alteration to Water Pick Up	1½" to 1' details	20.7.04	1904	T19	D13	PT	22	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13531	GER Goodmayes-Proposed Goods and Carriage Sidings Scheme 5	1" to 33" of layout between Goodmayes station and Chadwell Heath of marshalling yard on up side and proposals for north side. Copy of Engineers Plan No 8361 30.3.03	11.6.03	1903	-	-	PT	36	-
13535	GER Cromer	33' to 1" layout from proposed Cromer Jn. to end of station platforms with additional running line, enlargement of goods yard and route of N&S under. Copy of Engineers Plan No 29299 dated 13.12.02	24.6.03	1903	-	-	PT	36	-
13537	Arrangement of Water Gauge on Tank Engines Class M15, 018, P55	1½" to 1' arrangement shown in relation to elevations and plan of cab	16.6.03	1903	M15 O18 P55	F4 F5	PT	35	-
13540	Light One Horse Trolley D&P6861	1½" to 1' general arrangement of covered trolley length 9'4"	7.7.03	1903	D&P 6861	-	PT	173	-
13553	Four Wheels Coupled Bogie Express Engines Class D56-Cab and Splashers	1½" to 1' details of cab and splashers Endorsed: altered 5.30-cab beading removed	15.9.03	1903	D56	D15	PT	68	-
13553 Att	Alteration to Cab for S46 Class Engines with Belpaire Boilers	1½" to 1' arrangement of cab and splashers Endorsed: altered-works plate affixed to leading splasher 5.30	3.2.15	1915	S46	D14	PT	68	-
13554	Kelvedon-Proposed Position of Engine Shed-Scheme 2	40' to 1' plan of low level station and part of main line Endorsed: see Dg No 13555 for agreed upon-position	29.7.03	1903	-	-	PT	68	-
13555	GER Kelvedon, Tiptree & Tollesbury Railway-Kelvedon Proposed Position of Engine Shed	40' to 1" plan of low level station and part of main line Endorsed: altered 7.1.04 to show actual position of shed Supplementary Dg No K.T.10	24.7.03	1903	-	-	PT	68	-
13557	Proposed Renewal of Channelsea River Banks	1/2500 plan of river between Lea Junction and Stratford station Copy of Engineers Plan No 29483	31.7.03	1903	-	-	PT	68	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13561	General Arrangement of High Sided Wagon with Top Doors 15ft Steel Underframe	1½" to 1' general arrangement of 7 plank open wagon 4'0½" deep inside Endorsed: altered for coalition type brake 15.4.15	6.10.03	1903	-	48W	PT	117	-
13570	McDermids's Patent Either Side Wagon Hand Brake Applied to 20 Ton Coal Wagon 4	1½" to 1' arrangement of underframe and brake, 3" to 1' details of components	18.9.03	1903	-	46W	PT	113	-
13579	Arrangement of Vacuum Brake Pipes D56 Class	1½" to 1' arrangement shown in relation to outline of engine Endorsed: cancelled see new Dg No 13579 dated 3.2.16	- .8.09	1909	D56	D15	PT	111	-
13579 Ren	Four Wheels Coupled Bogie Express Engines Class D56-Brake Arrangement	1½" to 1' arrangement of gear and apparatus shown on elevations and plan of engine My comment: some damage but no information missing	31.1.16	1916	D56	D15	PT	113	-
13580	Part Plan of Ilford Carriage Sidings showing Position of Proposed Additional Water	66' to 1' plan of sidings Endorsed: formerly Dg No 49 C.D.	15.9.03	1903	-	-	PT	111	-
13587	Six Wheels Coupled Goods Engines N31 Class-Arrangement of Hood and Shortened	3" to 1' arrangement showing outline of smokebox	6.10.03	1903	N31	J14	PT	35	-
13593	Arrangement of Water Gauge on Tenders Class No 1	1 ½" to 1' elevations and plan of part of tender showing arrangement of gauge and pipework	- .10.03	1903	1	-	PT	-	-
13606	GER Rochford-Proposed Reservoir, etc.	1/2500 scale of reservoir sited to east of goods yard Copy of Engineer's plan No A12497 dated 29.9.03	2.10.03	1903	-	-	PT	116	-
13612	Proposed Arrangement of Kitchen on Composite Car on Continental Train	¾" to 1' interior elevations and plan of kitchen	3.10.03	1903	B57	3C	PT	117	-
13613	Third Class Carriage of Dining Train C55 Nos 470, 471 & 472	¾" to 1' detailed general arrangement of 55' body Endorsed: the lavatories altered to luggage lockers on No 471 restaurant car for service on Continental train Antwerp 27.5.14 see Shop copy Dg No 10654	21.11.05	1905	C55	414C	PT	117	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13614	GE Kelvedon & Tollesbury Light Railway- Details of Platform	1" to 1' elevation and section of timber station platform Copy of Engineer's plan No A12518	-	-	-	-	PT`	116	-
13615	Arrangement of Brake Work for Kelvedon & Tiptree Tramcars	1" to 1' arrangement of brake work on underframe and 3" to 1' details of brake components	28.10.03	1903	-	605C 606C 607C 608C	PT	117	-
13649	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of	3" to 1' arrangement of sanding gear with full size details	- .12.03	1903	D56	D15	PT	144	-
13651	Four Wheels Coupled Bogie Express Engines Class D56-Motion Arrangement	3" to 1' detailed arrangement	1.11.03	1903	D56	D15	PT	71	-
13652	Six Wheels Coupled Condensing Tank Engines Class S56-Cab and Tank	1½" to 1' general arrangement of cab and tanks Endorsed: coal rails added 6.4.25	26.11.03	1903	S56	J69	PT	109	-
13656	55' Engine Turntable	1" to 1' general arrangement of turntable and footings	- .11.03	1903	-	-	PT	73	-
13658	Deck Roof for Main Line Carriages for T56 and Future Classes Excepting D57	3" to 1' sectional end elevation of roof with dimensions	18.11.03	1903	T56	117C	PT	109	-
13659	Arrangement of First Class Carriage Centre Corridor for Continental Trains Class T56	¾" to 1' general arrangement of 50' clerestory body	- .11.03	1903	T56	117C	PT	170	-
13660	Arrangement of 1st and 2nd Class Carriages Side Corridor for Continental Train U56 &	¾" to 1' general arrangement of 48'3" clerestory 6 compartment body	2.12.03	1903	U56 A57	118C 311C	PT	170	-
13661	Arrangement of Second Class Carriages with Centre Corridor for Continental Train	¾" to 1' general arrangement of 48'3" clerestory body	25.11.03	1903	X56	310C	PT	170	-
13662	Arrangement of Composite Kitchen Car for Continental Train B57 Class	¾" to 1' general arrangement of body. Endorsed: cancelled see Dg same number dated 14.6.06	9.12.03	1903	B57	3C	PT	64	-
13662	Arr. Of Composite Kitchen Car 2nd Class for Continental Train	¾" to 1' arrangement of 50' body with clerestory roof with half plan of underframe Endorsed: kitchen enlarged 14.6.06; for correct plan see Dia 14600-3 dated 22.2.27	12.5.08	1908	B57	3C	PT	178	-
13663	Brake Second Class Carriage for Continental Train Class E57	1" to 1' general arrangement of body	23.11.03	1903	E57	524C	PT	29	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13664 Part	Continental Train Underframe for Kitchen Car B57 First Class Carriage T56	1½" to 1' showing brake cylinder and gas reservoirs	7.1.04	1904	B57 T56	3C 117C	PT	73	-
13664	Continental Train-Underframe for Kitchen Car B57 and First Class Car T56	1½" to 1' arrangement of underframe showing brake cylinders and gas tanks My comment: part of tracing missing but detail complete	12.2.04	1904	B57 T56	3C 117C	PT	96	-
13665	Standard 4 Wheel Bogie for Carriages for T, U & X56, A & B57 and future Classes Except H57	1½" to 1' detailed arrangement for 8' wheelbase bogie. Endorsed: see Dg No 16024 for G62 and future classes	12.1.04	1904	T56 U56 X56 A57 B57	117C 118C 310C 311C 3C	PT	64	-
13667	Brake Van for Continental Train Class C57	1" to 1' general arrangement of body of 32' long 6 wheeled van	3.12.03	1903	C57	523C	PT	3	-
13669	Bishops Stortford-Proposed Alterations on Down Side	1" to 66' scale plan of minor alteration at end of down platform and installation of weighbridge near cattle pens Copy of Engineers Plan No 29550 dated 17.10.03	27.11.03	1903	-	-	PT	29	-
13670	GER Brightlingsea-Proposed New Station	33' to 1' plan showing original site and proposed station, with engine shed and coaling stage at sited at country end Copy of Engineer's Plan No 10434A Scheme 6	- .10.03	1903	-	-	PT	137	-
13677	Arrangement of Vacuum Brake for Third Class Carriage Sold to Rother Valley Railway	1" to 1' outline of underframe showing fittings on carriage No 274, 3" and 6" to 1' details of fittings	10.12.03	1903	-	401C	PT	34	-
13684	Arrangement of Underframe for 48Ft 3Ins Bogie Corridor Carriages-Continental Train	1½" to 1' arrangement of 47'7½" channel steel underframe with sections and position of brake equipment	29.12.02	1902	U56 X56 A57	118C 310C 311C	PT	171	-
13687	Shed for Royal Train-Lynn	1/8" to 1' elevations and plan of 350'6" timber framed, corrugated iron clad shed	- .11.03	1903	-	-	PT	41	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: Dg No 2246 SDO							
13688	Four Wheels Coupled Bogie Express Engines Class D56-Boiler with Belpaire Firebox	1½" to 1' arrangement of boiler and firebox with full size detail of riveted joints	19.1.04	1904	D56	D15	PT	41	-
13688	Four Wheels Coupled Bogie Express Engines Class D56-Boiler with Belpaire Firebox	1½" to 1' arrangement of boiler and firebox with full size detail of riveted joints Endorsed: redrawn 10.17 My comment: condition of drawing inferior to original	- .1.04	1904	D56	D15	PT	41	-
13688 Part	Sketch of Firebox Tube Plate Engine 1217	1½" to 1' elevation of tube plate.	20.11.07	1907	F48	J17	PT	46	-
13692	Four Wheels Coupled Tank Engines Class P55-Arrangement of Motion	3" to 1' elevations and plan with revised drawing numbers of components	13.2.04	1904	P55	F5	PT	77	-
13693	Sections of Carriages of New Continental Train	¾" and 1½" to 1' side and end sectional views of 8 coaches	12.1.04	1904	-	-	PT	44	-
13696	Arrangement and Details of Hoops for Large One Horse Van	3" to 1' outline of van, details of hoops and cover. Endorsed: for arrangement of van see Dg No 9816A	7.3.07	1907	-	-	PT	44	-
13697	Built Up Crank Axle for Goods Engines Class Y14	3" to 1' arrangement of crank. Endorsed Superseded by Dg No 25443	- .1.04	1904	Y14	J15	PT	44	-
13707	Six Wheels Coupled Tank Engines Class S56 and LM's 3521 and 3522 Boiler Working Pressure 180lbs per sq in	1½" to 1' arrangement of boiler and full size detail of riveting	20.4.04	1904	S56 LM3521 LM3522	J69	PT	65	-
13708	London & North Western Railway-Keep for Standard Radial Axlebox	Full size elevations and plan	4.2.04	1904	-	-	PT	75	-
13713	Arrangement of Steam Heating and Electric Light Fittings on Underframes for 48ft 3ins Carriages of Continental Train Classes U &	1½" to 1' detailed arrangement	25.3.04	1904	U56 X56 A57	118C 310C 311C	PT	69	-
13714	Arrangement of Steam Heating and Electric Light Fittings on Underframes of 50ft Carriages of Continental Train Classes T56	1½" to 1' detailed arrangement Endorsed: altered 23.8.16	7.3.04	1904	T56 B57	117C 3C	PT	69	-
13717	Luggage Crates for Parkeston Continental Service	1½" to 1' arrangement of open topped crates 7' long by 5'5" wide	16.2.04	1904	-	-	PT	69	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13722	Arrangement of First Class Saloon F57	¾" to 1' general arrangement of 48'3" clerestory body	27.2.04	1904	F57	23C	PT	99	-
13726	Arrangement of Storage Heaters, Pipes, etc Continental Carriages	3/8" to 1' plan of 6 types of carriage showing position of equipment for 32', 48'3" and 50' stock for 1904 Continental train	9.3.04	1904	T56 U56 X56 A57 B57 C57 E57	117C 118C 310C 311C 3C 523C 524C	PT	-	-
13728	Arrangement and Details of Gangway for Continental Train T, U & X56, A, B & C57 and future stock	3" to 1' elevations and plan of gangway with sections and 6" to 1' details of fittings	12.4.04	1904	T56 U56 X56 A57 B57 C57	117C 118C 310C 311C 3C 523C	PT	-	-
13730	Six Coupled Goods F48 Class	Unscaled front elevation and front sectional elevation of engine My comment: unfinished but drawn to a high standard	-	1904	F48	J16	PT	-	-
13732	Spark Deflector to be Fitted on Engine No 1862 Class S46	3" to 1' sectional side and end elevations of smokebox with details Endorsed: cancelled see Dg No 13900	28.3.04	1904	-	-	PT	108	-
13738	Arrangement of 10 Tons Boiler Lorry D&P7174	1½" to 1' general arrangement lorry 13'3" long, 2'3" dia wheels with wood frame Endorsed: cancelled see Dg No 13738 dated 19.5.04	19.5.04	1904	D&P 7174	-	PT	109	-
13738	Arrangement of 10 Tons Boiler Lorry (Steel Body) D&P7174	1½" to 1' general arrangement lorry 13'3" long, 2'3" dia wheels	19.5.04	1904	D&P 7174	-	PT	109	-
13743	Main Line Brake Van	1" to 1' general arrangement of 32' 6 wheel brake	- .5.04	1904	S57	532C	PT	171	-
13752	High Sided Wagon with Top Doors	1½" to 1' general arrangement of 7 plank 15' body, 4'0½" deep by 7'7" wide, top cupboard doors, single diagonal brace from top of body to stanchion	7.4.04	1904	-	-	PT	74	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13754	High Sided Wagon	1½" to 1' general arrangement of 5 plank 15' body, 2"10 3/8" deep by 7'7" wide on steel frame	9.4.04	1904	-	-	PT	74	-
13775	Buffer for Converted Dead Buffer Wagons	3" to 1' section of self contained buffer bolted to face of headstock Endorsed: In answer to letter from Met. Amalgamated Rly Carr & Wagon Co. dated 29.4.04	9.5.05	1905	-	-	PT	22	-
13786	Arrangement of Indicator for Scoop on Tenders with 3,500 Gallons Capacity	1½" to 1' arrangement in relation to outline of tender and components	- .6.04	1904	-	-	PT	11	-
13794	GER Wood Street-Proposed Extensions of Platforms and Alterations	1" to 33' layout of station and loco yard with 1½" to 100' detail of carriage siding extensions north of shed and resiting signal box Copy of Engineer's plan 25964 dated 15.3.04	- .3.04	1904	-	-	PT	89	-
13798	Scheme for Increasing Capacity of Standard 15Ft Goods Wagon	1½" and 3" to 1' outline elevations and plan of 5 plank high sided wagon showing 4 x 6 7/8" board extension, hinged all round	9.6.04	1904	-	-	PT	91	-
13799	Scheme for Increasing Capacity of Standard 15Ft Goods Wagon	1½" to 1' outline elevations and plan of 5 plank high sided wagon showing 4 x 6 7/8" extension, hinged all round	24.6.04	1904	-	-	PT	91	-
13813	Gresham's Patent Either Side Wagon Hand Brake	1½" to 1' undimensioned arrangement shown on wood frame wagon	18.6.04	1904	-	-	PT	128	-
13814	Eight Coupled Goods Engine LM3780-Set Cast Steel Valve Spindle Guides	Full size elevations and plans of right and left hand guides	22.7.04	1904	LM3780	-	PT	3	-
13824	Eight Wheels Coupled Goods Engine Class LM3780-Valve Spindle	Full size.	- .6.04	1904	LM3780	-	PT	3	-
13825	Eight Wheels Coupled Goods Engine LM3780-Steam Chests Castings	3" to 1', right and left hand castings. Endorsed: lagging added 17.9.06	- .7.04	1904	LM3780	-	PT	3	-
13825	Steel Steam Chest Casting	3" to 1' elevations and plan-Stores ordering tracing	12.3.08	1908	-	-	PT	90	-
13830 Part	Eight Wheels Coupled Goods Engines Class LM3780-Steel Wrapper Plate for Boiler	1½" to 1' plan of plate before drilling	- .2.05	1905	LM3780	-	PT	3	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13830	Eight Wheels Coupled Goods Engine LM3780-Bioler with Belpaire Firebox	1½" to 1' general arrangement of boiler with full size details of riveting	- .7.04	1904	LM3780	-	PT	129	-
13842	Eight Wheels Coupled Goods Engine Class LM3780 Diagram of Boiler	1½" to 1' arrangement of details	4.3.05	1905	LM3780	-	PT	107	-
13846	Spencers Patent Either Side Wagon Hand Brake	1½" to 1' outline side elevation and plan of brake gear	24.6.04	1904	-	-	PT	109	-
13847	'A' Brake Arranged for Cattle and Covered Goods Wagons with 19'3" Steel Underframes LM3754 and 3756	1½" to 1' outline arrangement of underframe with brake gear and 3" to 1' details of components Endorsed: for arrangement of wagons see Dg Nos 11190 and 13490	- .9.04	1904	LM3754 LM3756	47W 7W	PT	91	-
13849	Gresham's Patent Either Side Wagon Hand Brake	1½" to 1' arrangement	29.6.04	1904	-	-	PT	63	-
13850	Laycock's Patent Either Side Wagon Hand Brake	1½" to 1' undimensioned side elevation and plan of brake gear	28.6.04	1904	-	-	PT	109	-
13855	Water Cart	1½" to 1' general arrangement of 2 wheeled cart, 250 gallon tank with road spray	4.1.05	1905	-	-	PT	58	-
13858	Carriage and Buffing Springs for Main Line and suburban Carriages	1½" to 1' details of 14 plate spring. Endorsed: Stores ordering tracing pattern No 28; cancelled Dg No 15019 dated 16.8.06	13.12.04	1904	-	-	PT	62	-
13859	Arrangement of Platform Trolley with Brake	3" to 1' arrangement, 5'8" inside, rubber tyred wheels	16.7.04	1904	-	-	PT	58	-
13860	Laminated Spring Buffing and Drawgear for Carriages	1½" to 1' elevations and plans of bogie and main line 6 wheel steel underframes	27.7.04	1904	-	-	PT	107	-
13862	Bowle's Patent Either Side Wagon Brake	1½" to 1' outline elevations and plan of brake gear on wood frame	19.7.04	1904	-	-	PT	124	-
13870	Bowle's Patent Either Side Wagon Hand Brake Combined with Westinghouse	1½" to 1' outline elevations and plan of brake gear on wood frame	28.7.04	1904	-	-	PT	124	-
13874	Hill's Patent Improved Invicta Brake	1½" to 1' outline elevations and plan of brake gear on wood frame	7.10.04	1904	-	-	PT	124	-
13875	Parker's Patent Either Side Hand Brake Combined with Westinghouse Continuous	1½" to 1' outline elevations and plan of brake gear on wood frame	3.8.04	1904	-	-	PT	124	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13877	Arrangement of Underframe for Main Line Brake Van E58	1" to 1' arrangement of 31'4½" channel steel underframe with brake and gas cylinder details Endorsed: drawgear altered see Dg Nos 13860 and 13866	5.9.04	1904	E58	532C	PT	99	-
13892	Wide Suburban Second Class Carriage	1" to 1' general arrangement of body	2.9.04	1904	-	308C	PT	29	-
13900	Spark Deflector S46, F48, T19 Belpaire	1½" to 1' arrangement of smokebox and interior details. Endorsed: cancelled see Dg No 14827 22.5.12	29.3.05	1905	S46 F48 T19	D14 J16 -	PT	2	-
13904	Four Wheels Coupled Bogie Tank Engines 61 Class-Arrangement for Consuming Smoke	1½" to 1' of boiler backhead with fittings mounted with full size details	- .10.04	1904	61		PT	63	-
13911	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Belpaire Boilers-	1½" to 1' arrangement of boiler	- .1.08	1908	D56	D15	PT	13	-
13914	'B' Brake Arranged for Cattle Wagons with 19'3" Steel Underframes LM2755	1½" and 3" to 1' applied to Dg No 11190 showing a form of either side brake, with parts to Dg No 13192 and 13181	25.6.07	1907	-	7W	PT	15	-
13919	Driving Wheel for Motor Bus-Daimler	Full size of wooden wheel 2'6 1/8" diameter excluding solid rubber tyres	- .10.04	1904	-	-	PT	13	-
13925	Knight's Valve Gear Patented 8284 of 1902	Diagrammatic side elevation and part plan, no dimensions or scale	9.2.03	1903	-	-	PT	53	-
13927	Proposed Arrangement for Converting Fish Trucks into Fruit Trucks	1½" to 1' elevations of proposed conversion as carried out Endorsed: number altered from 13928A 2.7.06	17.11.04	1904	-	24M	PT	86	-
13928	Scheme for Converting Fish Trucks into Fruit Trucks	1½" to 1' elevations of proposed truck top with vertical body framing Endorsed: scheme A not carried out see Dg 13927; number altered from 13927 2.7.06	12.10.04	1904	-	-	PT	86	-
13929	Scheme B Scheme for Converting Fish	1½" to 1' elevations of proposed truck top	12.10.04	1904			PT	86	

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13928	Trucks into Fruit Trucks	Endorsed: not carried out see Dg 13927	15.10.04	1904	-	-	PT	80	-
13941	Arrangement of Fittings on Back of Firebox and in Cab of Belgian State Railways Express	1½" to 1' undimensioned view of firebox fittings	- .10.04	1904	-	-	PT	77	-
13949	48ft 3in Bogie Composite (Carriages)- Arrangement of (Underframe)	1½" to 1' arrangement of underframe with position of brake cylinder and reservoirs, bogie to Dg No 13665 My comment: tracing damaged, relates to Hook of Holland train, part of title missing but no loss of detail	30.12.04	1904	-	-	PT	121	-
13957	Standard One Horse Lorry	1½" to 1' general arrangement of 4 wheel lorry 11'8" over body	29.11.04	1904	-	-	PT	117	-
13968	Third Class Tramcars for Kelvedon & Tollesbury Branch Nos 212, 716, 728, 775,	1" to 1' general arrangement of 27'0¾" carriage	11.1.05	1905	-	605C 606C	PT	117	-
13976	Arrangement of 20 Tons Boiler Trolley with 10 Tons Trailer D&P 7407	¾" to 1' elevations, sections and plan of trolley 16' long, trailer 6' a total length of	19.12.04	1904	D&P 7407	-	PT	-	-
14001	GER Witham-Proposed Alterations	33' to 1' comprehensive plan of whole station area and proposed rebuilding Copy of Civil Engineers Scheme 5, Dg No A10252	24.9.04	1904	-	-	PT	73	-
14004	Steam Brake Arrangement for Shunting Engine A	1½" to 1' details on outline on part of engine	23.7.07	1907	200	-	PT	73	-
14008	Hand Brake for Private Owners 20 Ton Wagons	¾" to 1' outline elevations and plan of brake gear on 21'6" underframe with 12'6" wheelbase	31.12.04	1904	-	-	PT	73	-
14014	Liquid Fuel Burning Apparatus Holden's Patent-Standard Steam Fitting (Large) for	Full size undimensioned elevations Supplementary Dg No 383LF	- .2.02	1902	-	-	PT	73	-
14017	Apparatus for Burning Liquid Fuel-Holden's Patent-Details of Tubes and Ferrules for Locomotive Fireboxes and Position of Injectors	Full size details showing 3 types of ferrule. Supplementary Dg No 301LF	25.4.98	1898	-	-	PT	73	-
14025	Apparatus for Burning Liquid Fuel-Holden's Patent-Combined Liquid Injector and Air Ejector Locomotive Pattern	Full size arrangement Endorsed: for later tracing see Dg No 23467 Supplementary Dg No 421LF	- .4.13	1913	-	-	PT	73	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14088	Arrangement of Carriage Door	3" to 1' internal and external elevations and section of door 6'5 7/8" high with galvanised No 14 SWG steel panels showing materials for 1st and 3rd classes	7.4.08	1908	-	-	PT	113	-
14137	Drawing 80-Private Owners Wagons-20 Tons Tank Wagon	¾" to 1' arrangement and section of wagon with 21'6" steel frame 12' wheelbase, tank 7'2 7/8" inside diameter	- .3.03	1903	-	-	PT	172	-
14141	Drawing 44 Private Owners Wagons-20 Tons Coal Wagon with End Door Steel Body	¾" to 1' general arrangement of body.	- .5.02	1902	-	-	PT	18	-
14143	Drawing 70-Private Owners Wagons-40 Tons Coal Wagon Steel Frame with Steel Body	¾" to 1' general arrangement of 43' steel body, 3 side doors and 3 pairs bottom doors	- .5.02	1902	-	-	PT	172	-
14158	General Arrangement of Special Light Parcel Van D&P8480	1½" to 1' general arrangement of 4 wheel van 8' over rails	24.9.06	1906	D&P 8480	-	PT	172	-
14176	GER Southend Proposed Additional Accommodation	33' to 1" plan of station and approaches. Copy of Engineer' plan No 7219S renumbered 33029	-	1902	-	-	PT	18	-
14177	Six Wheels Coupled Tank Engines Type J69 Classes S56 and P57 Rod, Pipe and Clothing Arrangement	1½" to 1' elevations, section and plan Endorsed: altered 24.1.08, 22.1.12, 28.10.13 and 22.6.17 Supplementary Dg No 24-18608B	- .10.04	1904	S56	J69	PT	17	-
14177	Six Wheels Coupled Tank Engines Type J69 Classes S56 & P57-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan Endorsed: cab altered 24.1.08 and 22.6.17	- .10.04	1904	S56 P57	J69	PT	71	-
14177 Part	Six Wheels Coupled Tank Engines Class S56-Sketch Showing Position of Clip in Dome for	1½" to 1' sectional side elevation of dome and part of smokebox	- .9.14	1914	S56	J69	PT	108	-
14177 Part	Six Wheels Coupled Tank Engines Class S56-Arrangement of Injectors and Pipes	1½" to 1' arrangement shown on part outline of engine	- .3.25	1925	S56	J69	PT	108	-
14184	Apparatus for Burning Liquid Fuel-Holden's Patent-Air Inlet and Warmer Outlet for	Full size arrangement Endorsed: Dg No 151LF	25.6.00	1900	-	-	PT	30	-
14186	Arrangement of Holders for Fire Irons, Tools	1½" to 1' outline of tender tank with fittings, 3" to 1' details	- .4.05	1905	-	-	PT	127	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14180	& Etc on Tender Tanks of 3,450 Gallons	Endorsed: altered in 1914, 1916 and 1924	14.05	1905	-	-	PT	127	-
14292	25 Ton Machine Truck H65 Class	1½" to 1' general arrangement of 25'6" truck with well. Endorsed: altered bearings and oil feed 9.29	15.5.05	1905	H65	27W	PT	65	-
14297	Spark Deflector on Smokebox Door	3" to 1' arrangement. Endorsed: applicable to Classes T19, Y14, I, S and X45 (J15) N31, T26 and C32	15.12.05	1905	T19 Y14 N31 T26 C32	D13 J15 J14 E4 F3	PT	20	-
14318	Number Plate for Motor Omnibuses	Full size drawing of brass plate, size 243mm by 100mm for No 4 bus.	14.05	1905	-	-	PT	16	-
14322	GER Pyewipe Junction-Proposed Engine Shed	8' to 1" plan of 8 road shed	27.6.05	1905	-	-	PT	35	-
14324	Spark Deflector for Engines Class R58-F4, 5, Y4	3" and 6" to 1' arrangement shown in relation to smokebox	17.05	1905	R58	F4 F5 Y4	PT	69	-
14331	GN&GE Railways Pyewipe Junction-Proposed Engine Shed	8' to 1" plan of 4 road shed 145' long Copy of Engineers Dg A13150 dated 23.5.05	8.5.05	1905	-	-	PT	26	-
14339	G16 Bogie as Arranged for 710 Class Rebuilds L&M3967 and 4026	3" to 1' elevations and plan of bogie	25.7.05	1905	T19	D13	PT	36	-
14345	Arrangement of Underframe for Suburban Carriages 1st, 2nd, 3rd and Brake 3rd Classes	1½" to 1' arrangement of 4 wheel 26'10½" channel frame with running gear but not brakes	5.9.05	1905	-	-	PT	15	-
14348	Arrangement of Brakework on Suburban Carriages K & L59	1½" to 1' arrangement for 1st, 2nd and 3rd class carriages and brake 3rd's 27' stock	19.9.05	1905	K59 L59		PT	19	-
14349	Arrangement of Gas Reservoirs for Suburban Carriages 1st, 2nd, 3rd and Brake 3rd Classes	1½" to 1' arrangement for 4 wheel steel frames. Endorsed: for arrangement of underframe see Dg No 14345	2.10.05	1905	-	-	PT	14	-
14354	Elsenham, Thaxted & Bardfield Light Railway	1" to 33' detailed layout of station and locomotive facilities	22.8.05	1905	-	-	DT	00	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14354	Great Bardfield Station at 10 Miles	Copy of Engineer's plan ET7 scheme 1 31.3.05	25.8.05	1905	-	-	PT	99	-
14356	End Elevation of Lavatory Bogie Composite Carriage	¾" to 1' detailed end elevation of clerestory carriage	25.8.05	1905	-	-	PT	99	-
14359	Six Wheels Coupled Goods Engines Class L52, P52, B54, P54-Diagram of Boiler	1½" to 1' arrangement of boiler with sketch of dome top and casing	- .8.05	1905	L52 P52 B54 P54	J16	PT	98	-
14363	Six Wheels Coupled Goods Engines Class F48 and H50-Diagram of Boiler	1½" to 1' dimensioned elevations and sketch of dome top and casing	15.9.05	1905	F48 H50	J16	PT	98	-
14364	Proposed New Road Vehicles	¾" to 1' detailed elevations of 5 tons low pair horse lorry 16' floor and 2½ tons low large covered one horse van 13' floor	1.9.05	1905	-	-	PT	99	-
14365	Witham Accident to 9.27am ex Liverpool Street to Cromer on 1.9.05 Engine No 1851	1" to 33' plan of station area showing disposition of rolling stock and engine after	1.9.05	1905	-	-	PT	98	-
14369	Diagram of Large Tender Showing Rear Part of Coping Dispensed With	½" to 1' outline elevations of tender without coping	- .3.08	1908	-	-	PT	133	-
14379	Four Wheels Coupled Express Engines Class T19-Diagram of Boiler	1½" to 1' dimensioned elevations and sketch of dome top and casing	4.10.05	1905	T19	E4	PT	98	-
14382	Arrangement of Low Large One Horse Van D&P7965	1½" to 1' general arrangement of van 13'2¼" long to carry 2½ tons Endorsed: for pianoforte traffic	20.11.05	1905	D&P 7965	-	PT	113	-
14384	Arrangement of Low Pair Horse Lorry D&P7964	1½" to 1' general arrangement of 16'2½" long lorry to carry 5 tons	27.11.05	1905	D&P 7964	-	PT	113	-
14388 Ren	Engines Type F4-6-Blast Pipe and Valve for Condensing Apparatus	Full size arrangement of apparatus Endorsed: altered 28.6.34	- .4.33	1933	-	F4 F5 F6	PT	110	-
14390 Ren	Engines F4 & 5-Arrangement of Condensing Gear	1½" to 1' arrangement shown in relation to outline of engine	23.8.33	1933	-	F4 F5 F6	PT	110	-
14392	Arrangement and Details of Dual and Hand Brake on Brake 3rd Class Carriage No 461 Sold to LD&ECR	1" to 1' elevation and plan of underframe showing braking arrangement, 3" to 1' details of components	9.10.05	1905	-	507C	PT	110	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14401	Petrol Store	¼" to 1' elevations and plan of angle iron framed store covered with corrugated iron, size 15' or 30' x 6' for Lowestoft (30'), Loddon, Chelmsford and Ipswich (15')	- .10.05	1905	-	-	PT	46	-
14402	Map of System Showing Motor Omnibus Routes	Outline map of East Anglia with routes and mileage marked	24.10.05	1905	-	-	PT	93	-
14403	Diagram of High Tension and Magneto Wiring	Diagram and detailed explanation of its function	- .10.05	1905	-	-	PT	50	-
14404	Pairs Axle Arms	6" to 1' elevation of arm for low one horse van (Piano) 31.10.05 D&P 7965	1.11.05	1905	D&P 7965	-	PT	93	-
14405	Pairs Axle Arms	Full size elevation of arm for low pair horse lorry (Hind Wheels under Body) 31.10.05							
14406	Trial of Engines Nos 127, 815 and 874 Working Coal Trains Between March and	Schedule of results	- .10.91	1891	-	-	PT	93	-
14407	Diagram of Proposed York and Harwich Train	1/16" to 1' outline plan of 13 coach train Endorsed: cancelled see Amended Plan No 2 22.6.06	16.11.05	1905	-	-	PT	42	-
14407	Diagram of Proposed York & Harwich Train	1/16" to 1' outline plan of 12 coach train with destinations Endorsed: cancelled see amended Plan No 2 22.6.06	- .12.05	1905	-	-	PT	93	-
14407	Diagram of Proposed York & Harwich Train	1/16" to 1' outline plan of 12 coach train Endorsed: amended plan No 2	- .12.05	1906	-	-	PT	93	-
14407	Alternative Schemes for Corridor First in York Portion of Proposed York and Harwich Trains	1/8" to 1' interior plan of carriage showing Schemes A and B Endorsed: amended plan No 2	18.12.05	1905	-	-	PT	100	-
14408	Diagram Showing Stresses Produced by L&SWR Engine No 330 and GER Engine No	Diagram of bending moments on 20' span bridge	17.11.05	1905	-	-	PT	93	-
14410	Mishap at Witham Station on 16.11.05- Diagram Showing Weights of Vehicles in	1/8" to 1' plan of train, engine No 232, T116, F322, T185, B327	- .12.05	1905	-	-	PT	93	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14418	Diagram Showing Proposed RCH Arrangement of Screw Coupling Gear for Carriages and Wagons with GE Standard Practice	3" to 1' diagrams showing 3 different combinations of couplings	13.2.06	1906	-	-	PT	35	-
14419	Diagram of Underframe of Goods Department Crane No 3 Showing Removable Girders	¾" to 1' side and end elevations of 15'6" underframe, 6' wheelbase, 3' wheels fitted with Worsdell 'A' axleboxes	19.2.06	1906	-	3	PT	109	-
14423	30HP Motor Omnibus Nos 4 to 7 and 15	3/8" to 1' diagram	6.4.06	1906	-	-	PT	163	-
14424	Shippea Hill-Derailment of the 11.10am Passenger Train ex Norwich Engine 466 Driver T. Richardson Fireman W. Clark on	33' to 1" plan of site east of station	- .4.06	1906	-	-	PT	35	-
14427	20 HP Motor Omnibus Nos 1 to 3	3/8" to 1' diagram	2.5.06	1906	-	-	PT	163	-
14429	Four Cylinder Compound Engine Chemin de Fer Nord (France)	1/8" to 1' diagram of 4-4-0 engine with 8 wheel tender	17.11.00	1900	-	-	PT	97	-
14430	Four Cylinder Compound Engine Chemin de Fer Nord (France)	1/8" to 1' diagram of 4-4-2 engine with 8 wheel tender	9.11.00	1900	-	-	PT	97	-
14435	Standard Engine and Tender Buffer-Sketch Showing Alteration in Red to Wood Block to	3" to 1' sectional elevation of self contained buffer	13.6.06	1906	-	-	PT	133	-
14436	Hill's Patent Either Side Wagon Brake-Sketched from Memory, no Measurements Taken	½" to 1' undimensioned arrangement of gear on 15' 5 plank open wagon	20.7.06	1906	-	-	PT	138	-
14439	Malleable Iron Destination Boards	Full size arrangement of destination board No 8 lettered Cheshunt and White Hart Lane	- .7.93	1893	-	-	PT	172	-
14440	Malleable Iron Destination Boards	Full size elevations of board No 6 Woolwich/Royal Albert Dock (60) No 7 Loughton/Ongar (100)	- .7.93	1893	-	-	PT	132	-
14442	Malleable Cast Iron Destination Boards	Full size elevations of board No 4 Walthamstow/Chingford (100), No 5 Ilford/Romford (50)	- .7.93	1893	-	-	PT	133	-
14443	(a) Great Western Railway-Corridor Train for Birkenhead (b) Midland Railway-Dining Carriages	¾" to 1' interior plan of 5 carriage train Endorsed: copied from blue copy dated 4.93 sent by GWR 26.3.95	23.3.95	1895	-	-	PT	133	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		¼" to 1' interior plan of pair of 60' carriages Endorsed: copied from blue copy sent by MR Co 26.3.95							
14444	London & North Western Railway Corridor Dining Train-2.0pm ex Euston	¼" to 1' detailed interior plan of 8 coach train Endorsed: traced from blue prints supplied by L&NWR 19.4.95	19.4.95	1895	-	-	PT	133	-
14445	Untitled	¼" to 1' outline side elevation and plan of three 6 wheel non corridor carriages: GNR 30'10½", LNWR 32', LSWR 34'	26.8.84	1884	-	-	PT	133	-
14446	Family Saloon No 1	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 1 My comment: indexed 8.7.07, draughting date unknown	8.7.07	1907	-	1C	PT	156	-
-1									
14446	Family Saloons Nos 2, 6 & 7					2C			
-2									
14446	Restaurant Car No 3					3C			
-3									
14446	Family Saloon No 4 4C					4C			
-4	Endorsed: this diagram cancelled see new diagram same number								
14446	Royal Saloon No 5					5C			
-5	Family Saloon No 8								
14446						6C			
-6									
14446	First Saloon No 10	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 2				8C			
-8		My comment: indexed 8.7.07, draughting date unknown							
14446	Supper Saloon No 11					9C			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-9 14446	Thirde Class Saloons No 12 & 13		8.7.07	1907	-	10C	PT	156	-
-10 14446	Engineers Saloon No 14					11C			
-11 14446	Invalid Saloons 15 & 23					12C			
-12 14446	Restaurant Cars Nos 16 & 17 13C					13C			
-13	Endorsed: Cancelled see new tracing same number								
14446	Third Saloon No 18	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 3				14C			
-14		My comment: indexed 8.7.07, draughting date unknown							
14446	Family Saloons Nos 19 to 22					15C			
-15 14446	Restaurant Car No 24 27C					27C			
-16	Endorsed: Cancelled see diagram same number		8.7.07	1907	-		PT	156	-
14446	Third Class Saloons Nos 25 to 30, 32 to 37					16C			
-17 14446	Royal Saloon No 31					17C			
-18	Endorsed: Cancelled see diagram same number								
14446	Restaurant Cars Nos 38 to 41					18C			
-19									
14446	Third Class Saloons Nos 42 to 47	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 4				19C			
-20		My comment: indexed 8.7.07, draughting date unknown							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14446 -21	Officers Saloon No 48 20C Endorsed: this saloon altered to No 9, for No 48 saloon see diagram same number		8.7.07	1907	-	20C	PT	156	-
14446 -22	Royal Saloon No 49 Third Class Saloon No 50					21C			
14446 -23	First Class Saloon No 51					22C			
14446 -24	Superintendents Saloon No 52					23C			
14446 -25						24C			
14446 -26	Restaurant Cars Nos 53 & 54	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 5 My comment: indexed 8.7.07, probably drawn earlier in 1907	8.7.07	1907	-	25C	PT	156	-
14446 -27	Restaurant Cars Nos 55 & 56					26C			
14446 -28	Royal Composite Carriage No 16					207C			
14446 -4	Family Saloon No 4	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 6 My comment: indexed 6.2.09, probably drawn early 1909	6.2.09	1909	-	4C	PT	156	-
14446 -7	Third Class Saloon No 9					-			
14446 -21	First Class Saloon No 48					20C			
14446 -9	Restaurant Car No 11	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 7	- .3.12	1912	-	9C	PT	156	-
14446	Restaurant Cars Nos 16 & 17					13C			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-13		furniture, fittings etc.-Sheet No 7							
14446	Restaurant Car No 24	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 8	18.3.12	1912	-	27C	PT	156	-
-16		My comment: indexed 18.3.12, probably drawn in March 1912							
14446	Royal Saloon No 31					17C			
-18									
14446	Restaurant Cars 57 to 62	¼" to 1' diagrams of saloons, size 17" x 6", showing detailed interior plans showing furniture, fittings etc.-Sheet No 9	18.3.12	1912	-	28C	PT	156	-
-29		My comment: indexed 18.3.12, probably drawn in March 1912							
14447	Formation of 9.36am Train ex. Romford to Liverpool Street on 20.3.94	(1/8" to 1') elevation of 10 coach train, 4 wheelers, engine No 653	6.8.94	1894	-	-	PT	71	-
14448	Outline of Proposed New Carriages to Run between Harwich & York	3/8" to 1' outline elevations of 50' carriages 9' over body Endorsed: formerly Dg No 184 CD	11.12.05	1905	-	-	PT	128	-
14449	Outline of New Carriages to Run between Harwich and York	1" to 1' outline end profile of 9' wide carriage with elliptical roof	8.12.05	1905	-	-	PT	59	-
14450	Diagram of Through Carriages Harwich and Birmingham (Midland Rly) Continental Train	3/8" to 1' outline elevations and interior plan of 50' composite carriage with main dimensions My comment: former Dg No 185 C.D.	1.1.06	1906	-	-	PT	102	-
14452 Sheet 1	Untitled	¼" to 1' outline dimensioned side elevations of 36 early locomotives showing running	-	-	-	-	PT	138	-
14452 Sheet 2	Untitled	¼" to 1' outline dimensioned side elevations of 36 early locomotives showing running	-	-	-	-	PT	138	-
14452 Sheet 3	Untitled	¼" to 1' outline dimensioned side elevations of 18 early locomotives showing running	-	-	-	-	PT	138	-
14453	24 HP Motor Omnibus	3/8" to 1' diagram showing side and end elevations of double deck bus Nos 16-18	1.8.06	1906	-	-	PT	175	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14455	1536 Class	¼" to 1' outline side elevation of 0-4-4T engine Copy of Midland Rly tracing 80/1420 No 6	30.9.99	1899	-	-	PT	137	-
14456	Diagrams of Engines	¼" to 1' side elevations of 3 types of engines, size 15¼" x 7¾" 1. 2-2-2 Tank Engine Nos 2-6, 20-25 2. 2-2-2 Tank Engines Nos 7-12 3. 2-2-2 Tank Nos 250-259 Endorsed: a copy of this was supplied to Mr Kyffin 18.1.95 see letter book No 8 My comment: drawing number applied 1.8.06	18.1.95	1895	-	-	PT	166	-
14457 Sheet 4	Diagrams of 12 Locomotives 140 Class M12 Class 552 Class 133 class Crane engines T18 Class Trams (0-4-0WT) 305 Class D27 Class Compound Goods E22 Class R24 Class	1/8" to 1' diagrams, size 7¾" x 4¾" Endorsed: cancelled see No 14457 Sheet No 7 My comment: the diagrams on this sheet are not individually numbered, undated, probably pre 1900	-	-	140 M12 552 133 Cranes T18 Trams 305 D27 Comp. E22 R24	- - - - J92 J66 Y6 - - - J65 J67	PT	166	-
14457 Sheet 5	Diagrams of 16 Locomotives E10 and X13 Class Sinclair's Express (2-2-2)	1/8" to 1' diagrams, size 7¾" x 4¾" Endorsed: cancelled see No 14457 Sheet No 6 My comment: the diagrams on this sheet are not individually numbered, undated, probably pre 1900			E10/X13 02/02/2002	- -			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Sinclair's Four Wheels Coupled (with Bogie) 61 Class N31 Class 0417 Class G14 Class 477 Class Y14 Class Sinclair's Four Wheels Coupled Engines (2-4-0) T26 Class T19 Class		-	-	61 N31 0417 G14 477 Y14 02/04/2000 T26 T19	- - J14 - - - J15 - E4 D13	PT	166	-
14457 Sheet 6	Diagrams of 16 Locomotives No 1 Class E10 and X13 Class Sinclair's Express Engines (2-2-2) Sinclair's Four Wheels Coupled with Bogie (4-4-0) K9 Class N31 Class 61 Class N31 Class 0417 Class M15 Class G14 Class 477 Class Y14 Class 209 Class Sinclair's Four Wheels Coupled (2-4-0)	1/8" to 1' diagrams, size 7¼" x 4¾" Endorsed: Cancelled no diagrams in future bear separate numbers commencing No 12600 on Sheet 8 and following. Previous sets taken from No 14457 Sheets 4 and 5 My comment: the diagrams on this sheet are not individually numbered, undated, probably pre 1900			No 1 E10/ X13 2-2 04/04/2000 K9 N31 61 N31 0417 M15 G14 477 Y14 209 02/04/2000 T26 T19	- - - - J14 - J14 - - - - J15 Y5 -	PT	166	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	T26 Class T19 Class					E4 D13			
14457	Diagrams of 16 Locomotives	1/8" to 1' diagrams, size 7¼" x 4¾"							
Sheet 7	255 Class	Endorsed: Cancelled no diagrams in future bear separate numbers commencing No 12600 on Sheet 8 and following. Previous sets taken from No 14457 Sheets 4 and 5			255	-			
	140 Class	My comment: the diagrams on this sheet are not individually numbered, undated, probably pre 1900			140	-			
	M12 Class				M12	-			
	552 Class				552	-			
	230 Class				230	-			
	133 Class				133 Crane	-	PT	166	-
	Crane Engines				T18				
	T18 Class				C32 Trams	J92			
	C32 Class				305	J66			
	Trams (0-4-0WT)				D27	F3			
	305 Class				P43 Comp.	Y6			
	D27 Class				E22	-			
	P43 Class				R24	-			
	Compound Goods					-			
	E22 Class					J65			
	R24 Class					J67			
14460	Diagram Showing H.P. Absorbed and Efficiency of Westinghouse Air Pump No	Diagrammatic	- .10.8	1898	-	-	PT	142	-
14461	Carriage for Royal Guests	¼" to 1' interior plan of 48'3" carriage Class E61			E61				
14462	Composite Carriage	¼" to 1' interior plan of 50' carriage Class K61	2.8.06	1906	K61	228C	PT	17	-
14463	Third Class Carriage	¼" to 1' interior plan of 50' carriage Classes I61 and C62			I61				

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14464	Diagram Giving Weights and Lengths of Standard Engines	¼" to 1' of 7 engine types, wheels and weights only	1.11.94	1894	-	-	PT	11	-
14465	Weight, Wheelbase and Length of Loco Engines and Tenders	Two tables, signed by T.W. Worsdell, for tender and tank engines of weights, dimensions and engine numbers Endorsed: number given to drawing 3.8.06	1.6.83	1883	-	-	PT	11	-
14466	New Six Wheels Coupled Goods Engine No 1150 Class-Diagram Showing Weights on Wheels	¼" to 1' wheel diagram	26.9.00	1900	F48	J16	PT	103	-
14469	Table Showing the Lengths of Piston Rods	Diagram and table of dimensions. Endorsed: superseded see drawing same number dated 10.06; number given to drawing 3.8.06	24.4.92	1892	-	-	PT	11	-
14470	Table Showing the various Lengths of Connecting Rods	Diagram and table of dimensions. Endorsed: superseded by drawing, same number, dated 10.06; number given to drawing 3.8.06	1.8.83	1883	-	-	PT	11	-
14470	Diagram Showing the Various Lengths of Connecting Rods and Coupling Rods	Diagram and table of dimensions. Endorsed: superseded by tracing 20712 dated 7.4.16	19.11.06	1906	-	-	PT	11	-
14471	Diagram of York and Harwich Continental Train de Luxe	1/16" to 1' outline side elevation and plan of complete train with details of destination of through carriages My comment: a publicity drawing with fancy borders	10.8.06	1906	-	-	PT	175	-
14474	Proposed Alterations to Existing Cromer and Yarmouth Restaurant Cars	¼" to 1' interior plans of 1st, compo and 3rd restaurant car set. Endorsed: see Dg No 14483 for amendments to this plan	24.8.06	1906	-	-	PT	65	-
14475	Bogie Third Class Corridor Carriage	3/8" to 1' interior plan of 50' carriage	17.8.06	1906	-	419C	PT	65	-
14476	Tender-Locomotive Serie 185	Diagrammatic side elevation and half plan of 0-4-0 locomotive No 18501 built by L.F. Krauss of Linz	2.4.03	1903	-	-	PT	144	-

Photo Tracings Drawings List

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Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition								
-11 14484	Crane No 145 Goods Dept. 5 Tons		-	1896	-	-	PT	153	-								
-12 14484	Crane No 146 Goods Dept. 4 Tons																
-13 14484	Crane No 147 Goods Dept. 5 Tons																
-14 14484	Crane No 165 Goods Dept. 5 Tons																
-15 14484	Crane No 170 Goods Dept. 5 Tons																
-16 14484	Crane No 193 Goods Dept. 5 Tons																
-17 14484	Crane No 194 Goods Dept. 5 Tons																
-18 14484	Crane No 206 Goods Dept. 6 Tons																
-19 14484	Crane No 207 Goods Dept. 5 Tons																
-20 14484	Crane No 234 Goods Dept. 5 Tons																
-21 14484	Crane No 248 Goods Dept. 5 Tons																
-22 14484	Crane No 260 Goods Dept. 2 Tons																
-23 14484	Crane No 263 Goods Dept. 5 Tons																
-24 14484	Crane No 264 Goods Dept. 5 Tons																
-25																	
14484	Crane No 278 Goods Dept. 6 Tons									¼" to 1' crane diagrams size 7" x 4½", showing outline elevations and principal dimensions-Sheet No 2							
-26										Endorsed: numbers added to diagrams 8.4.96							
14484	Crane No 1 (Steam) Goods Dept. 1½ Tons																
-27																	

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14484 -28	Crane No 3 (Steam) Goods Dept. 4 Tons								
14484 -29	Crane No 4 (Steam) Goods Dept. 1½ Tons								
14484 -30	Crane No 5 (Steam) Goods Dept. 5 Tons								
14484 -31	Crane No 6 (Steam) Goods Dept. 5 Tons								
14484 -32	Crane No 1 Loco Dept. 10 Tons								
14484 -33	Crane No 1A Loco Dept. 10 Tons								
14484 -34	Crane No 2 Loco Dept. 10 Tons								
14484 -35	Crane No 2A Loco Dept. 10 Tons								
14484 -36	Crane No 7 Loco Dept. 1½ Tons								
14484 -37	Crane No 21 Loco Dept. 5 Tons		1.1.96	1896	-	-	PT	153	-
14484 -38	Crane No 22 Loco Dept. 1 Ton								
14484 -39	Crane No 23 Loco Dept. 5 Tons								
14484 -40	Crane No 33 Loco Dept. 2 Tons								
14484 -41	Crane No 44 Loco Dept. 6 Tons								
14484 -42	Crane No 163 Loco Dept. 5 Tons								
14484 -43	Crane No 163 Loco Dept. 5 Tons								
14484	Crane No - Loco Dept. 2½ Tons								

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14484 -56									
14484 -33A	Crane No 1 (Steam) Marine Dept. 30 Tons	¼" to 1' crane diagrams size 7" x 4½", showing outline elevations and principal dimensions-Sheet No ? Endorsed: numbers added to diagrams 8.4.96					PT	153	-
14484 -54	Crane No 2 (Steam) Goods Dept. 3 Tons								
14484 -35A	Crane No 2A (Steam) Loco Dept. 10 Tons								
14484 -59	Crane No 4A Steam Loco Dept. 20 Tons								
14484 -57	Crane No 3A (Steam) Loco Dept. 12 Tons								
14484 -60	Crane No 5A Steam Loco Dept. 20 Tons								
14484 -47A	Crane No 245 (Steam & Hand) Loco Dept. 5 Tons								
14484 -61	Crane No 243 (Steam) Loco Dept. 12 Tons								
14484 -58	Crane No 381 (Steam & Hand) Loco Dept. 5 Tons								
14484 -59	Crane No 4A Steam Loco Dept. 20 Tons 23.6.08 Outline diagram	¼" to 1' crane diagrams size 7" x 4½", showing outline elevations and principal dimensions-Sheet No 4 Attachment	23.6.08	1908	-	-	PT	153	-
14484 -33	Crane No 1A Loco Dept. 10 Tons								
14484	Crane No 2A (Steam) Loco Dept. 12 Tons								

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-35A 14484 -57 14484 -59 14484 -60 14484 -61	Crane No 3A (Steam) Loco Dept. 12 Tons Crane No 4A Steam Loco Dept. 20 Tons Crane No 5A Steam Loco Dept. 20 Tons Crane No 243 (Steam) Loco Dept. 12 Tons	¼" to 1' crane diagrams size 12 ½" x 9½", showing outline elevations and principal dimensions	1.1.96	1896	-	-	PT	153	-
14485	Diagram of Gradients Liverpool Street to Cambridge	½" to 1 mile horizontal scale	11.7.94	1894	-	-	PT	77	-
14486	GER Woodford and Ilford Railway-Gradients	4" to 1 mile horizontal scale Copy of Engineers plan 25755	-	-	-	-	PT	79	-
14487	(Diagram of Gradients-Liverpool Street to Enfield via Hackney Downs)	8" to 3 mile horizontal scale	-	-	-	-	PT	79	-
14488	Yarmouth and Lowestoft Railway (Joint Line) Gradients	4" to 1 mile horizontal scale Copy of Engineers plan No 25756	-	-	-	-	PT	77	-
14489	Gradients from Kelvedon to Tollesbury Pier	1 mile to 1" horizontal scale. Copy of Engineers Plan No A12986	-	-	-	-	PT	50	-
14490	Gradients of Cambridge Main Line-Ely to Brandon	½" to 1 mile horizontal scale	-	-	-	-	PT	79	-
14497	Diagram of Third Class Restaurant Car for London and Cromer Train I62 Class	3/8" to 1' interior plan of 50' carriage with centre aisle	17.10.06	1906	I62	420C	PT	77	-
14498	Diagram of First Class Corridor for London and Cromer Train P62 Class	3/8" to 1' interior plan	17.10.06	1906	P62	121C	PT	79	-
14499	Diagram of Kitchen Car for London and Cromer Train Class L62	3/8" to 1' interior plan	17.10.06	1906	L62	26C	PT	77	-
14500	Diagram of First Class Restaurant Car for London and Cromer Train Class M62	3/8" to 1' interior plan	17.10.06	1906	M62	120C	PT	79	-
14501	Diagram of Brake Van for London and Cromer Train R62 Class	3/8" to 1' plan of interior of 50' coach	18.10.06	1906	R62	528C	PT	22	-
14502	Diagram of Proposed 12 Ton Machine Truck	½" to 1' outline drawing of 18' truck, 10' wheelbase on 2'8" diameter wheels	26.11.06	1906	-	-	PT	22	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14502 Amd	Diagram of Proposed 12 Ton Machine Truck	½" to 1' outline drawing of 18' truck, 10' wheelbase on 2'8" diameter wheels	21.11.06	1906	-	-	PT	22	-
14504	Diagram of Gradients between Peterborough, Ely and Lynn	½" to 1 mile scale diagram	22.11.06	1906	-	-	PT	20	-
14506	Diagram of Wide Suburban Carriage Showing Maximum Dimensions	1" to 1' end profile of carriage with principal dimensions	29.11.06	1906	-	-	PT	20	-
14540	Profile of Third Class Corridor Carriage Nos 518 to 527 with GER and L&NWR Loading	3/8" to 1' end profile with main dimensions	9.1.07	1907	-	-	PT	20	-
14543	Diagrams of Standard Ordinary and Workmens Suburban Trains	1/16" to 1' outline elevations and plans of 2 trains of 17 carriages	24.1.07	1907	-	-	PT	111	-
14551	Diagram Showing Maximum Dimensions of Main Line Carriages	3/8" to 1' outline side elevations and end profiles of 50' elliptical roof and 55' clerestory carriages	15.2.07	1907	-	-	PT	81	-
14556	Types of Engines Suitable for Use on the Northampton & Peterborough, Rugby & Peterborough and Hampstead Junction Lines	Diagrammatic wheel arrangement of 5 engines Copy of LNWR Dg 3565A dated 22.4.03	30.3.07	1907	-	-	PT	81	-
14557	Untitled	Diagrammatic wheel arrangement of 5 engines Copy of LNWR Dg 3565A dated 22.4.03	6.4.07	1907	-	-	PT	81	-
14561	Diagram Showing Extreme Width of Some GE, GN, GW, L&NW and Mid. Vehicles when	1½" to 1' outline end elevations showing lamps in place	21.9.07	1907	-	-	PT	41	-
14568	Diagrams Showing Positions of Vacuum Brake Pipes on Wagons	1½" to 1' part elevation of fish, large covered goods and cattle and small covered goods wagons	11.5.07	1907	-	-	PT	87	-
14582	Diagram Showing Contour of Midland Railway Carriages	½" to 1' dimensioned end profile of arc roofed carriage	17.5.07	1907	-	-	PT	81	-
14583	Drawing 5B Private Owners Wagons 1907- Diagram Showing Safety Loops	1" to 1' outline side elevations of wood and steel underframe wagons showing brake gear and position of loops	25.5.07	1907	-	-	PT	81	-
14587	Diagram of Main Line Composite Carriage 8Ft Wide	3/8" to 1' outline elevations of carriage with dimensions	17.6.07	1907	-	-	PT	111	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14590	L&NWR Carriage of Heavy Guns for the Admiralty-Sketch Showing Proposed Method of Loading 85 Ton Gun on 2 50 Ton Rail Waggon	1" to 4' outline elevation of wagons with gun and profiles of barrel supports	10.6.07	1907	-	-	PT	81	-
14591	Diagram of Norfolk Coast Express	1/16" to 1' plan and elevation of 12 coach train	- .6.07	1907	-	-	PT	5	-
14592	2.12pm Train Norwich to London Saturday, September 17th 1892	1/32" to 1' elevation of train formation at Cambridge and stock attached at Cambridge	2.7.07	1907	-	-	PT	5	-
14596	Diagram Showing L&Y Composite Carriage and GER Carriages under L&Y and GER Loading Gauges	1½" to 1' three outline end elevations of carriages; L&Y, GE elliptical and GE clerestory roofed carriages	- .7.07	1907	-	-	PT	5	-
14607	(Gradient Diagram-Audley End to Whittlesford)	½" to mile gradient diagram	20.8.07	1907	-	-	PT	16	-
14608	Diagram Showing Wheelbase and Weights of Engines	4 diagrams of tender engines, 2 of 4-4-0 type and 2 of 2-4-0 type	- .9.07	1907	-	-	PT	1	-
14613	Diagrams Showing Positions of Water Scoops below Rail Level when Tenders are Loaded with 5 Tons of Coal and their Tanks Full of Water	3" to 1' showing 4 sectional side elevations for T46, 051, G53 and T19 tenders Endorsed: when tender tyres are turned the tender is to be adjusted to its correct height on its bearing springs	23.5.08	1908	T46 O51 G53 T19	D14	PT	1	-
14614	Sketch of Portable Cattle Ramp for Forncett	Isometric sketch of covered ramp on wheels, copied from Goods Manager's Department sketch.	4.10.07	1907	-	-	PT	16	-
14616	Diagram of Deeley's Valve Gear fitted on Express Engine for Midland Railway	1" to 1' side elevation of valve gear	2.10.07	1907	-	-	PT	1	-
14623	Carriage Stock of Maximum Dimensions with Station Platform	1½" to 1' end elevation of clerestory carriage shown in relation to platform	2.11.07	1907	-	-	PT	1	-
14624	Diagram of Brakework on 20 Tons Goods Brake	½" to 1' side elevation showing brake gear and column and explanation	7.11.07	1907	-	49W	PT	19	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14625	Proposed Six Coupled Radial Tank Engine to Dg No 16062-Diagram for Maximum Bending Moments on 20ft Span	¼" to 1' and 1" to 100 ft tons.	- .11.07	1907	-	-	PT	1	-
14627	Diagrams of Carriages in use on the Kelvedon & Tollesbury Light Railway	1/8" to 1' diagrams of one 3rd class and two brake 3rds	5.12.07	1907	-	606-8C	PT	19	-
14628	Arrangement of Variable Blast Pipe and Louvre Spark Arrestor	3" to 1' sectional elevations of smoke box Copy of North Eastern Railway plan 16.1.08 for class T1/06	9.4.08	1908	-	-	PT	98	-
14634	Plan of Proposed Hearse Carriage	¼" to 1' interior plans of existing 21'6" carriage and 2 proposals to convert 34'6" composites Endorsed: formerly Dg No CD 212	12.2.08	1908	-	218C	PT	133	-
14636	Diagram of Four Wheels Coupled Tram Engine	½" to 1' side elevation of 4 wheel tram with 6'6" wheelbase, offset from centre by 6" at firebox end	4.3.08	1908	-	-	PT	133	-
14637	Diagram of Six Wheels Coupled Tram Engine	½" to 1' side elevation of tram with weights shown	- .2.08	1908	-	-	PT	46	-
14638	Diagram of Tender	½" to 1' outline side elevation of 6 wheel 2,755 gallons tender	- .3.08	1908	-	-	PT	36	-
14640	Bogie Brake Third Class Carriage	3/8" to 1' plan of 50' carriage with 3 compartments and toilet	19.5.08	1908	-	-	PT	46	-
14641	Diagram of Roundabout and Crocodile Trucks Showing Loading Baulks	¼" to 1' outline side and elevations of trucks with baulks	17.3.08	1908	-	22W 28W	PT	50	-
14644	GCR 56Ft 0Ins Bogie Carriage	1½" to 1' profile of GCR carriage in relation to GER loading gauge and ¼" to 1' outline side elevation of carriage Copy of GCR Plan No 3674 dated 21.1.08	27.3.08	1908	-	-	PT	132	-
14645	Proposed Four Wheeled 20 Ton Goods Brake	¾" to 1' outline elevations of 4 wheeled 17'6" brake Endorsed: no alteration to body	6.4.08	1908	-	-	PT	133	-
		½" to 1' scale diagrams (diagram 2 is 1½" to 1') entitled: Dia 1-Hydraulic Gear							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14646	20 Tons Accident Cranes	Dia 2-Method of Working Clutches Dia 3-Lifting Gear Dia 4-Travelling Gear Dia 5-Slewing Gear Dia 6-Jib Adjusting Gear Dia 7-Gears	- .4.08	1908	-	-	PT	132	-
14649	GER Loading Gauge	1" to 1' dimensioned profile	14.9.08	1908	-	-	PT	132	-
14650	Diagram of Carriage under SE&CR Loading Gauge	1" to 1' dimensioned end profile	26.5.08	1908	-	-	PT	132	-
14652	20 Tons Accident Cranes A56 Class-Diagram Showing Wheelbase and Weights in	1/4" to 1' wheel diagram only	10.6.08	1908	A56	-	PT	128	-
14653 Sheet 1	Diagram of Brake-Down Vehicles at Outstations	¼" to 1' outline elevations and plans with basic dimensions of Stratford No 1 and No	- .9.08	1908	-	-	PT	121	-
14653 Sheet 2	Diagram of Breakdown Vehicles at Outstations	¼" to 1' outline elevations and plans of cranes and vans at Lynn; Wisbech and Peterborough tool vans, Whitemoor and Norwich, Yarmouth and Lowestoft tool vans	- .9.08	1908	-	-	PT	138	-
14655	End Views of Main Line Vestibule Carriage	¾" to 1' part side and end elevation showing corridor connection and door	10.7.08	1908	-	-	PT	49	-
14656	Diagram of Wheels Showing Arrangement of Balancing Four Wheels Coupled Express	1½" to 1' wheel diagram	25.7.08	1908	D56	D15	PT	123	-
14658	Diagram of No 1840 Continental Luggage Van	¼" to 1' elevations and plan of 22' van	21.8.08	1908	K32	38M	PT	41	-
14659	Diagram of No 1860 Fruit Van	¼" to 1' elevations and plan of 22' van	21.8.08	1908	P39	34M			
14661	Diagram Showing Great Eastern Horsebox in Great Northern and Great Eastern Loading	1½" to 1' half end profile with gauges	27.8.08	1908	-	-	PT	41	-
14665	Covered Cement Wagon built by Thomas Moy Ltd. Peterborough	1" to 1' outline elevations of 15'11" private owners cement van Endorsed: originally received from Messrs. Moy 13.10.08 and passed to R. Clearing House 14.10.08	14.10.08	1908	-	-	PT	140	-
14667	Motor Buses Nos 16 to 18	3/8" to 1' diagrammatic elevations of Thorneycroft motor bus to seat 36 passengers	15.10.08	1908	-	-	PT		

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14668	30HP Motor Omnibus Nos 19 to 21-Diagram No 17	3/8" to 1' diagram	30.10.08	1908	-	-	PT	163	-
14669	Hound Van	1/8" to 1' diagram of 27' hound van No 2035	21.10.08	1908	-	31M	PT	-	-
14676	Proposed Low Floored Milk Van for Main Line Service	¾" to 1' end and side elevation of 28' 6 wheel van with 3' diameter wheels	7.1.09	1909	-	-	PT	8	-
14677	Proposed Low Floored Bogie Milk Van for Main Line Service	3/8" to 1' end and side elevation of 38' van with 3' diameter wheels	7.1.09	1909	-	-	PT	8	-
14678	Diagram Showing Type of Firebox Crown Stay Fitted to each Engine	¾" to 1' diagrams of 10 types with engine numbers	8.2.09	1909	-	-	PT	8	-
14689	Diagram of Tender	½" to 1' side elevation of 2,640 gallon tender.	30.3.04	1904	-	-	PT	16	-
14690	Sinclair's Goods Brake Van built 1858	¾" to 1' diagram, elevations and plan	- .4.09	1909	-	61W	PT	51	-
14691	Four Wheels 20 Tons Goods Brake Van built 1908	¾" to 1' diagram, elevations and plan				56W			
14693	Indicator Diagrams taken from 10 Wheels Coupled Tank Engine No 20	Diagrammatic Endorsed: traced from diagrams Nos 2 and 18 LH Cyl taken 26.4.03	4.4.09	1909	A55	-	PT	50	-
14694	Chart Showing Working Expenses Percentage of Gross Receipts and Dividend Paid on Ordinary Stock 1898 to 1908	Graphs show slightly increasing working expenses and rapidly declining dividend	18.5.09	1909	-	-	PT	51	-
14695	Chart Locomotive Running Department-Wages Drivers, Firemen and Cleaners 1898 to 1908 and Percentage Changes in Wages per Train Mile	Series of graphs	18.5.09	1909	-	-	PT	51	-
14696	Four Wheeled 6 Tons Goods Brake Van built between 1858 and 1864 Four Wheeled 20	¾" to 1' diagrams of the two brakes with interior detail	24.5.09	1909	-	61W 56W	PT	51	-
14697	Diagram of Gradients Liverpool Street to Epping	1½" to 1 mile horizontal scale	27.5.09	1909	-	-	PT	50	-
14698	Diagram Showing Size of Members of 50Ft Carriage Underframe and 17Ft Wagon	3/8" to 1' plan of frame and bogie members with dimensions	3.6.09	1909	-	-	PT	108	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14699	Chart-Traffic Wages and Percentage of Receipts and Percentage Changes in Traffic Wages Percentage of Receipts 1898 to 1908	Series of graphs	7.6.09	1909	-	-	PT	51	-
14700	Diagram Showing Maximum Dimensions of Proposed 60Ft and 57Ft Vehicles	3/8" to 1' outline side and end elevation with elliptical profile	12.6.09	1909	-	-	PT	42	-
14707	Bogie Third Class Carriage G60 Class	¾" to 1' scale general arrangement of body Endorsed: underframes complete for G60 and X63 to be exchanged so that G60 will have Westinghouse brake only and X63 dual brake 11.6.07	1.11.05	1905	G60	417C	PT	2	-
14708	Bogie Corridor Composite Carriage E60	¾" to 1' general arrangement of body with clerestory roof. Endorsed: built with elliptic roofs, see Shop Copy of 17409	6.11.05	1905	E60		PT	15	-
14709	Bogie Corridor Composite Carriage F60 Class	¾" to 1' general arrangement of body and half plan of underframe. Endorsed: built with elliptic roofs, see shop copy 8.8.07	13.12.05	1905	F60	223C	PT	2	-
14710	GER Motor Buses-Proposed Housing Accommodation	¾" to 1' plans and section of 3 car garage for Chelmsford and Lowestoft, Ipswich and Loddon for 2 cars Endorsed: altered 16.11.05 Copy of Engineer's Plan A13257	24.10.05	1905	-	-	PT	9	-
14715	Cross Section Through First and Third Class Carriage Seats	3" to 1' full constructional details of framing and upholstery	31.10.05	1905	-	-	PT	62	-
14717	Colchester	1/2500 plan of station area with site of petrol store at corner of Brickfield Road and North Station Road. Copy of Land Agents Plan No 22031	1.11.05	1905	-	-	PT	55	-
14722	Private Owners Waggon-Proposed Arrangement of 10 or 12 Ton Rectangular	1" to 1' elevations and plan of tank 14'3" x 7'0" x 4'2½" on 15' wood and steel	9.11.05	1905	-	-	PT	124	-
14726	Diagrams of Main Line Carriages	¾" to 1' interior plans of 50' corridor carriages composite E60 and F60 and 3rd	7.11.05	1905	E60 F60	223C 224C	PT	128	-

Photo Tracings Drawings List

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Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14773	Drawing 42 Private Owners 20 Ton Waggons-Standard Wagon with End Door-Wood Body and Steel Underframe	¾" to 1' general arrangement of 21'6" open wagon with 5'2 1/8" deep body Endorsed: for further particulars see Dg No 41	23.3.06	1906	-	-	PT	114	-
14774	Drawing 44 Private Owners 20 Ton Wagons-Standard Waggon with End Door-Steel Body and Underframe	¾" to 1' general arrangement of 21'3 5/16" steel body, two side doors, timber end door	23.3.06	1906	-	-	PT	87	-
14777	Drawing 58 Private Owners 30 Ton Wagons-Diamond Framed Bogie	1" to 1' arrangement of 4 wheel bogie 5'6" wheelbase	28.3.06	1906	-	-	PT	87	-
14778	Drawing 59 Private Owners 30 Ton Wagons-Bogie	1" to 1' arrangement of 4 wheel bogie 5'6" wheelbase	31.12.06	1906	-	-	PT	87	-
14780	Drawing 80 Private Owners 20 Ton Tank Wagons-Standard Wagon	¾" to 1' general arrangement of steel framed tank wagon capacity 5,315 gallons, 21'6" over headstocks	1.2.07	1907	-	-	PT	87	-
14782	York & Harwich Continental Train-Arrangement of Kitchen Car P60 Class	¾" to 1' general arrangement of 50' body	24.1.06	1906	P60	25C	PT	167	-
14783	York & Harwich Continental Train-Arrangement of 3rd Class Restaurant Car	¾" to 1' general arrangement of 48'3" open 3rd body	16.3.06	1906	R60	416C	PT	167	-
14784	York & Harwich Continental Train-Arrangement of Semi-Restaurant Car (1st	¾" to 1' general arrangement of 50' open/3 compartment 1st body	31.1.06	1906	S60	119C	PT	167	-
14785	Composite Carriage for Continental Train York & Harwich Service T60	¾" to 1' general arrangement of 50' 6 compartment body with lavatory and luggage compartment		1906	T60	222C	PT	167	-
14786	Composite Carriage for Continental Train York & Harwich Service Class X60	¾" to 1' general arrangement of 48'3" 6 compartment body with lavatories	25.1.06	1906	X60	221C	PT	167	-
14787	Arrangement of Third Class Carriage for York & Harwich Continental Train A61	¾" to 1' general arrangement of 48'3" 6 compartment body with lavatories	- .3.06	1906	A61	415C	PT	167	-
14788	Arrangement of Brake Composite Carriage for Continental Train-York & Harwich Service B61	¾" to 1' general arrangement of 48'3" 5 compartment body with brake compartment	25.1.06	1906	B61	225C	PT	167	-
14789 Part	End Elevation of Brake Third Carriage for Continental Train York and Harwich Service	¾" to 1' end profile	4.12.06	1906	-	-	PT	74	-
14789	Brake Third for Continental Train-York and Harwich Service C61 Class	¾" to 1' general arrangement of 48'3" 3 compartment body	27.1.06	1906	C61	526C	PT	167	-
14790	Brake Van for Continental Train-York and	1" to 1' general arrangement of 32' 6 wheel	27.1.06	1906	D61	525C	PT	167	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14790	Harwich Service D61 Class	brake van	27.1.06	1906	D61	S55C	PT	107	-
14791	Arrangement of Kitchen for Continental Train (York & Harwich Service) P60 Class	¾" to 1' interior elevations, sections and plans of kitchen	4.12.06	1906	P60	25C	PT	118	-
14796	Arrangement of Combined Vacuum and Hand Brake on 19ft Covered Goods Wagon	1½" to 1' arrangement of 19' underframe and gear	21.2.06	1906	M60	47W	PT	74	-
14799	Arrangement of Holden & Brooke's Injector on Tank Engs S56 Class	1½" to 1' arrangement in relation to engine	26.1.06	1906	S56	J69	PT	118	-
14800	Double Deck Motor Omnibus	1½" to 1' undimensioned side and end elevations and smaller plan of inside and roof seats for 36 passengers Copy of drawing by Gloucester Railway Carriage & Wagon Co	17.1.06	1906	-	-	PT	99	-
14805	Arrangement of Clutch Pedal Governing Gear	6" to 1' undimensioned details relating to motor bus	- .1.06	1906	-	-	PT	25	-
14820	Outline Arrangement of 34 Seated Bus Chassis 80.1906	1" to 1' undimensioned side elevation of double deck bus, without roof Copy of J.I.Thornycroft & Co Ltd drawing dated 30.1.06	2.2.06	1906	-	-	PT	129	-
14826	Express Engines Class T19 with Belpaire Firebox-Arrangement of Steam Heating Apparatus	1½" to 1' and full size arrangement on footplate and tender with fittings. Endorsed: see Dg No 17560 for arrangement of steam heating pipe at leading Endorsed: end of engine	- .7.10	1910	T19	-	PT	25	-
14831	Arrangement of Combined Vacuum and Hand Brake on 16Ft Covered Goods Wagon	1½" to 1' arrangement of underframe and lower part of body, Westinghouse brake not fitted	24.2.06	1906	-	15W	PT	52	-
14835	Arrangement of Hand and Dual Brake on Underframes for Continental Train York and Harwich Services, Classes P, R, S, T and X60, A, B and C61, etc	1½" to 1' elevation and plan of underframe and outline of bogie with brake equipment and key plan of train formation with position of handbrake columns and vacuum cylinders	22.3.06	1906	P60 R60 S60 T60 X60 A61 B61 C61	25C 416C 119C 222C 221C 415C 225C 526C 534C	PT	35	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14839	Driving Wheel Fitted with A.S. Tyres for Motor Bus	Full size arrangement of wheel 1016mm diameter over tyre, with metric dimensions	- .2.06	1906	-	-	PT	126	-
14841	Arrangement of Combined Vacuum and Hand Brakes on 17 Tons Goods Brakes N60	1½" to 1' brake arrangement on underframe Endorsed: see Dg No 11243 for existing details; Dg No 14842 for further details and Dg No 11530 for alterations to centre cast iron weight	12.3.06	1906	N60	2W	PT	38	-
14850	Arrangement of Steam Heating and Electric Light Fittings, etc. on Bogie Carriages of York-Harwich Continental Train Classes P, R, S, T, X60, A, B and 61	1½" to 1' part side elevation and plan of underframe showing details and position of equipment and diagram of train and destination of different sections	7.3.06	1906	P60 R60 S60 T60 X60 A61 B61 C61	25C 416C 119C 222C 221C 415C 225C 526C 534C	PT	32	-
14872	Diagram of Proposed Pair Horse Lorry	¾" to 1' outline elevations of 4 wheeled lorry floor 14' long to carry 5 tons	4.1.13	1913	-	-	PT	88	-
14872	York and Harwich Continental Train- Arrangement of WH and Vacuum Brake and Steam Heating Couplings	3" to 1' detailed elevations and plan of couplings Endorsed: incorrect new tracing required, see Office Drawing; for diagram of train showing vehicles to be fitted with dual brakes see Dg No 14850	20.3.06	1906	-	-	PT	138	-
14874	Arrangement of Ash Ejector on Engines Class T19 with Belpaire Boilers	1½" to 1' arrangement and 3" to 1' details of components	15.1.08	1908	T19	-	PT	139	-
14877	Chandiere Normand	1 to 10 sectional elevations and plan of Normand Return Flue Boiler built by Yarrow & Co Copy of Augustin Normand & Co., Harve Dg No 8593	6.12.05	1905	-	-	PT	139	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14881	Asbestos Clothing for Eight Coupled Goods Engine LM3780	1½" to 1' arrangement of individual mats	4.4.06	1906	LM3780	-	PT	139	-
14884	GER Cambridge-Proposed Alteration	66' to 1" layout between Hills Road to north of Mill Road, main platform and north bays lengthened, Newmarket curve removed, new marshalling yard, Loco Dept and other track modifications Copy of Engineer's Plan No 12985 Scheme 2 amended dated 3.4.05, est cost £53,500	2.8.05	1905	-	-	PT	139	-
14884	GER Cambridge-Proposed Alterations	33' to 1' layout from Hills Road to north of Mill Road; platform extensions, loco yard alterations, 6 new sidings and other minor layout alterations Endorsed: building plans see Dg No A13051 Scheme 3 Copy of Engineers Plan No A12985 Scheme 3 Amended dated 9.1.06	30.3.06	1906	-	-	PT	143	-
14891	Cambridge-Showing Proposed Position of Coal Stage and Pit	Unscaled plan of coal stage and turntable area, near Midland goods yard	6.4.06	1906	-	-	PT	103	-
14893	Untitled	½" to 1' elevation and plan of steam railcar 57'3" over buffers to seat 48 Copy of Beyer, Peacock & Co. drawing dated 3.4.06	9.4.06	1906	-	-	PT	106	-
14899	M&GN Sheringham-Proposed Alterations for GER	1/500 layout of station area showing extension of platform, lengthening carriage siding and rebuilding overline bridge with division of costs Copied from M&GN tracing No 31-191 dated 18.1.06	26.1.06	1906	-	-	PT	105	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14902	GER North Walsham-Proposed Mushroom Water Tank and Crane	33' to 1" plan of alternative sites for 2,000 gallon tank on up side; north of road bridge or at Cromer end of sidings Copy of Engineer's Plan No 33384	20.4.06	1906	-	-	PT	128	-
14919	Diagram of Gradients Liverpool Street to Peterborough	½" to 1 mile horizontal scale	9.5.06	1906	-	-	PT	128	-
14921	Arrangement of Spark Deflector and Ash Ejector on Four Wheels Coupled Bogie Express Engines	1½" to 1' sectional elevations of arrangement Endorsed: see Dg No 16304 for engines fitted with cast iron ash box	16.5.06	1906	D56	D15	PT	91	-
14924	10 Tons Goods Brake-Arrangement of Combined Vacuum and Hand Brake Class N60	1½" to 1' elevations and plan of 6 wheel underframe and brake gear Endorsed: altered 8.3.09	16.5.06	1906	N60	49W	PT	91	-
14933	One Horse Float Van D&P8381	1½" to 1' general arrangement of van 14'6" inside length	22.5.06	1906	D&P 8381	-	PT	91	-
14953	Arrangement of Third Class Carriage Class I61	¾" to 1' general arrangement of 50' elliptical roofed carriage Endorsed: I61 not built to this	29.6.06	1906	I61	-	PT	94	-
14955	GER Harwich Station-Proposed Accommodation for the Continental Express Trains - - -	66' to 1" track layout by station showing ground to be main up, gas and water mains, hydrants and gas valves Copy of Engineers Dg No A13890, Amended 7.6.06	-	1906	-	-	PT	34	-
14958	Arrangement of Carriage for Royal Guests E61	¾" to 1' general arrangement of 48'3" body	22.6.06	1906	E61	228C	PT	94	-
14966	Arrangement of Brakework and Electric Light Gear on Underframe of No 10 Saloon	1" to 1' side elevation and plan of frame showing arrangement of equipment Endorsed: see bogie Dg No 6299 and body Dg No 6298	7.6.06	1906	H15	8C	PT	113	-
14973	GER Tollesbury Session 1906 Proposed Pier	33' to 1" plan of terminus and pier. Copy of Engineer's plan S28	24.6.06	1906	-	-	PT	14	-
14974 No 2	Holden's Patent Liquid Fuel Injector Locomotive Pattern	Full size elevations of injector Endorsed: copy from Dg No 4303 SM Chemists;	28.6.06	1906	-	-	PT	14	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14974 Part	Untitled	Undimensioned sectional elevation and plan of firebox Copied from Dg No 4395 Sachsische machinefabrik (Chemnitz).	- .1.07	1907	-	-	PT	14	-
14975	20 Tons Goods Brake Underframe Class U57	1½" to 1' arrangement of 6 wheel underframe. Endorsed: for Class H56 see Dg No 13514; oil boxes X type to be fitted to S63 and future classes 12.9.07; altered 20.6.11	28.6.06	1906	U57	49W	PT	15	-
14976 Ren	Frame Arrangement D15 (D56)	1½" to 1' elevations, plan and section of frame	-	1950	D56	D15	PT	14	-
14976	Four Wheels Coupled Bogie Express Engines Class D56-Framing	1½" to 1' elevations and plans of framing and wheels My comment: tracing damaged, top right part missing, no serious loss of detail	11.10.06	1906	D56	D15	PT	118	-
14978	Standard 10In Pintsch Carriage Gas Lamp	Full size sectional elevation and plan of complete lamp with 9 5/8" glass	- .4.02	1902	-	-	PT	118	-
14981	Arrangement of Fish Wagon R61	1½" to 1' general arrangement of 15' 4 plank open fitted with the Vacuum brake and Westinghouse pipe	22.8.06	1906	R61	54W	PT	167	-
14983	Carriage Wheel Balancing Machine	1½ to 1' arrangement of machine	- .7.06	1906	-	-	PT	4	-
14984	Arrangement of Composite Carriage K61 Class	¾" to 1' general arrangement of 50' 6 compartment body with luggage compartment and lavatories	21.7.06	1906	K61	224C	PT	167	-
15008 Part	Diagram of Proposed Restaurant Car Set for London to Cromer Train	1/16" to 1" outline plan of 48'3" open 3rd, 50' composite kitchen car and 50' open 1 st	- .8.06	1906	-	-	PT	31	-
15008	Plan No 1 Diagram of Proposed London and Cromer Train	1/16" to 1' plan of 12 coach train Endorsed Not approved see Dg No 15008 Plan 3		1906	-	-	PT	62	-
15008 -2	Diagram of Proposed London and Cromer Train	1/16" to 1' outline plan of train of 12 50' carriages with 2 for Sheringham and 2 for Mundesley	- .8.06	1906	-	-	PT	66	-
15008	Diagram of Proposed London and Cromer Train	1/16" to 1' outline plan of train of 12 50' carriages with 2 for	18.8.06	1906	-	-	PT	66	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-3	Tram	Sheringham and 2 for Mundesley							
15011	Four Wheels Coupled Tank Engines Class C59-Cab, Tanks and Coal Bunker	1½" to 1' detailed arrangement Endorsed: several alterations including enclosure of coal rails 2.4.25	- .9.06	1906	C59	F4	PT	68	-
15011 -1	Tank Engines Type F4-Proposed Addition to Coal Bunker Railing (Additional Rails Marked	1½" to 1' outline elevation of bunker with extra rails	29.12.24	1924	-	F4	PT	68	-
15024	Arrangement of Disc Holders in Cabs of Tank Engines	1½" to 1' part elevations of cabs showing position of discs for classes 1100, 1090, six coupled tank engines, 650 class, 61 class and engines 209, 210, 226 to 231	24.8.06	1906	-	-	PT	-	-
15031	Arrangement of Officers Saloon No 48	¾" to 1' general arrangement of 48'6" body with clerestory roof. Endorsed: roof altered to elliptic 21.12.07	31.8.06	1906	LM3585	7C	PT	1	-
15060	Six Wheels Coupled Goods Engines Class G58 (J17)-Framing	1½" to 1' detailed arrangement of framing with wheels and springs Endorsed: see Dg No 35406 for alterations to front buffer beam 27.6.44 My comment: some damage to tracing but all pieces present	24.10.06	1906	G58	J17	PT	91	-
15081	Four Wheels Coupled Bogie Express Engines Class G61 Rod, Pipe and Clothing	1½" to 1' arrangement Endorsed: altered 9.25 and 2.34.	9.10.07	1907	G61	D15	PT	14	-
15091	Spark Arrester for Express Engines P43 Class	3" and 6" to 1' details of smokebox and apparatus	19.11.06	1906	P43	-	PT	4	-
15093	Arrangement of Bogie Brake Van Classes R62	¾" to 1' arrangement of 50' body	26.11.06	1906	R62	528C	PT	167	-
15825	Diagram Showing Types of Either Side Wagon Brakes in Service-Wagon Department, Temple Mills	½" to 1' outline side elevations of 3 types of brake gear	1.11.00	1900	-	-	PT	30	-
15875	DL 12" IX 50 Tons Gun on Two 40 Tons MR Trucks. 19.1.07 - -	Perspective sketch of gun on pair of 40 ton Midland bogie wagons, Nos 111089 and 41647 Endorsed: Admiralty tracing	19.1.07	1907	-	-	PT	13	-
15879	Arrangement of Ash Ejector One on Express	1½" and 3" to 1' shown in relation to part of	14.1.07	1907	D42		PT	12	

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15878	Engines P43 Class	engine.	14.1.07	1907	P43	-	PT	13	-
15881	LD&EC Arrangement of Smokebox	3" to 1' arrangement Endorsed: formerly Dg No 16100	23.11.06	1906	-	-	PT	13	-
15882	LD&ECR Boiler	1½" to 1' general arrangement Endorsed: formerly Dg No 16101	23.11.06	1906	-	-	PT	13	-
15883	Boiler	1½" to 1' arrangement, probably LD&ECR Endorsed: formerly Dg No 16102	23.11.06	1906	-	-	PT	13	-
15884	LD&ECR Frames	1½" to 1' side elevation only Endorsed: formerly Dg No 16103	23.11.06	1906	-	-	PT	13	-
15885	LD&ECR Arrangement of Allen Link Motion and Wheelbase	1½" to 1' side view of motion Endorsed: formerly Dg No 16104	23.11.06	1906	-	-	PT	13	-
15886	General Arrangement of Valve Motion for 18" by 26" Goods Engine LD&ECR Co	3" to 1' arrangement Endorsed: formerly Dg No 16105 Copy of Dg No 241 2.06 Order No 58514 J. T. Marshall's Patent Valve Motion	23.11.06	1906	-	-	PT	13	-
15888	LD&ECR Reversing Lever	6" to 1' arrangement of lever Endorsed: formerly Dg No 16107	23.11.06	1906	-	-	PT	13	-
15889	Tenders Classes T59 (J17) and H61 (D15) for Goods and Express Engines-Framing	1½" to 1' arrangement drawing Endorsed: for 1500 Class and D81 Class (J20) tender framing see Dg No 22336; altered 5.12.33	- .12.06	1906	T59 H61	J17 D15	PT	13	-
15897	Arrangement of Kitchen for London & Cromer Train L62 Class	¾" to 1' detailed arrangement, sections and elevations of kitchen interior	28.12.06	1906	L62	26C	PT	43	-
15899	Bogie Single Express Engines Class P43-Asbestos Clothing	1½" to 1' plans and dimensions of mats	17.12.06	1906	P43	-	PT	40	-
15900	General Arrangement of Motor Omnibus Class U58	1½" to 1' elevation of double deck body, sectional elevation and plan of chassis and mechanical details	21.12.06	1906	U58	-	PT	129	-
15910	Marks Tey Collision between Slip and Main Portions of the 5.30 Train ex Liverpool	33' to 1" layout of station area showing train	5.1.07	1907	-	-	PT	40	-
15918	Four Wheels Coupled Express Engines Class S46 with Fireboxes to Dgs No 15073 &	6" to 1' elevation and plan of safety valve	- .5.21	1921	S46	D14	PT	19	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15929	Arrangement and Details of Automatic Brake Communication for Carriages	1" to 1' arrangement of apparatus showing position on carriage ends and full size details	23.5.07	1907	-	-	PT	19	-
15938	Six Coupled Tank Engines Class E22-Boiler with Steel Firebox and Direct Stays	1½" to 1' detailed arrangement of boiler with full size details Endorsed: altered 10.11.13; for stays see attachment to Dg No 15938	- .2.07	1907	E22	J65	PT	93	-
15939	Chain Case for Motor Omnibus	6" to 1' arrangement of case made of 14swg plate	- .2.07	1907	-	-	PT	126	-
15943	Additions Required to Accelerate Filling of Water Troughs at Ipswich	½" to 1' sectional plan of troughs showing additional filling pipes linking the two troughs	- .2.07	1907	-	-	PT	114	-
15944	Arrangement of Steam Heating and Electric Light Fittings on Carriages of London and Cromer Train Classes G, H, I, L, M, P, R and S62	1" to 1' arrangement of underframe and 1/16" to 1' diagram of complete train	22.2.07	1907	G62 H62 I62 L62 M62 P62 R62 S62	418C 527C 420C 26C 120C 121C 528C 226C	PT	114	-
15946	Drawing 59A Private Owners 30 Ton Wagons-Bogie	1" to 1' general arrangement of 5'6" wheelbase bogie Endorsed: traced from Dg No 14778	12.2.07	1907	-	-	PT	114	-
15947	Engine Tyre Contour Trials	Full size profile showing progressive wear of 13 engine tyres Endorsed: SDO Dg No 2889	- .2.07	1907	-	-	PT	114	-
15949	Truck for Manual Fire Engine D&P8670	1½" to 1' detailed general arrangement of 15' long truck fitted with Westinghouse	18.6.07	1907	D&P 8670	-	PT	117	-
15954	Pair No 4 Axlearms with Cranked Shanks for Omnibus No 12	Full size arrangement	21.2.07	1907	-	-	PT	126	-
15956	17 Ft 10 Ton High Sided Wagon LM4198 E64, E65	1½" to 1' general arrangement of body and underframe	9.3.07	1907	LM4198 E64 E65	55W	PT	65	-
15967	General Arrangement of Continental	1½" to 1' arrangement of pair of boxes on outline of 16' frame, 10' wheelbase, size 7'0" x 6'9" x 6'2¾" high	- .2.07	1907	E22	-	PT	106	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15967	Luggage Boxes E33	Endorsed: for underframe see Dg No 8869; Westinghouse pipes altered to yellow 25.8.04 Nos 2 & 4 to be fitted	7.3.07	1907	E33	-	PT	100	-
15968	GER Cambridge Alterations and Proposed alterations for GN Railway	66' to 1' plan from Hills Road to north of Mill Road showing proposals in red Copy of Engineers plan No A12985 Scheme 5 My comment: shows abolition of Newmarket curve; not carried out until 1920's	24.1.07	1907	-	-	PT	104	-
15974	Proposal for Adding Top Seats to Wisbech Tram Cars	1" to 1' side and end elevations of bogie tramcar showing spiral staircases on end	7.3.07	1907	-	602C 603C	PT	94	-
15980	Somerset & Dorset Joint Line-Whitaker's Patent Tablet Exchanging Apparatus	1½" to 1' general arrangement of track side apparatus and fittings on engine Copy of S&D Dg dated 7.3.07	13.4.07	1907	-	-	PT	96	-
15981	GER Cambridge-Tennison Road Depot	66' to 1" layout of goods yard, engine coal stacking ground and roadway Copy of Engineer's Plan No A14073	11.3.07	1907	-	-	PT	123	-
15982	St Ives Avoiding Line	2 chains to 1" plan of formation of link between Cambridge and March lines either side of St Ives station Copy of Land Agents Plan No 25123	15.3.07	1907	-	-	PT	123	-
15986	General Arrangement of Milk Van with Asphalt Floor	1" to 1' general arrangement of 31'6" body and outline of underframe Endorsed: van No 1317 fitted. Asphalt replaced by oak boards 8.2.12	18.3.07	1907	-	21M	PT	54	-
15987	12 Ton Machine Truck A63 Class	1½" to 1' general arrangement of 18' flat truck	22.3.07	1907	A63	24W	PT	54	-
16002	Four and Six Wheels Coupled Tram Engines Classes F40, C53 (Y6, J70)- Arrangement	3" to 1' arrangement of spark arrestor and 6" to 1' details of components	9.4.07	1907	F40 C53	Y5 J70	PT	12	-
16011	20 Ton Hand and Petrol B.D. Crane	¾" to 1' outline elevations of 8 wheel crane showing range of reach and loads operated by up to 8 men Copy of Ransomes & Rapier Dg No 17888A dated 9.4.07	9.4.07	1907	-	-	PT	172	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16014	Low 10 Ton Machine Truck Altered to Clear L&SW & SE&C Loading Gauges	1½" to 1' general arrangement of 29'6" truck and sectional end elevation	- .4.07	1907	LM4567	22W	PT	171	-
16017	GER Colchester Siding to New County Asylum	66' to 1" plan of siding on down side, east of engine shed, turning from west to north Copy of Civil Engineer's plan No 3098 Scheme 3	26.4.07	1907	-	-	PT	175	-
16023	Four Wheels Coupled Bogie Express Engines Class S46-Vacuum Brake Pipe Arrangement	1½" to 1' arrangement shown in relation to outline of engine	- .5.06	1906	S46	D14	PT	78	-
16024	Arrangement of 4 Wheeled Bogie for Carriages for G62 and Future Classes	1½" to 1' arrangement of 8' wheelbase bogie 12'7" over headstocks Endorsed: see Dg 16935 dated 5.10	16.5.07	1907	-	-	PT	80	-
16044	Arrangement of Holders for Fire Irons on Mogul Tenders	1½" and 3" to 1' arrangement of tender top and large scale details of components Endorsed: altered 22.8.16 and 17.1.24	19.6.07	1907	-	-	PT	35	-
16050	Leading Wheel Fitted with 4½" Giant Tyre (Challiner's Patent) for Motor Buses	Full size arrangement of wheel 1016mm diameter over tyre, with metric dimensions	17.7.07	1907	-	-	PT	126	-
16056 Part	Plan of Proposed Rearrangement of Loco Shops and Sidings at Cambridge	33' to 1" plan of area around engine shed	- .6.08	1908	-	-	PT	22	-
16062	Six Wheels Coupled Radial Tank Engine	1½" to 1' outline side elevation of an 0-6-2T with 4'6" dia wheels, 35' over buffers	- .6.07	1907	-	-	PT	47	-
16064	Boiler for Colne Valley Engine 'Heddingham'	1½" to 1' elevations, sections and plan of boiler	26.11.06	1906	-	-	PT	175	-
16066 -1	Boilers for No 51 Class Engines- Arrangement of Tubes in Tube Plates	3" to 1' half end elevations of firebox and smokebox tubeplates	1.3.20	1920	51	-	PT	175	-
16068	Sketch of Proposed Punt for Pyewipe	1½" to 1' arrangement of flat bottomed punt 9' x 4', and 3" to 1' details of construction	28.6.07	1907	-	-	PT	128	-
16079	Details of Tubes, Ferrules and Beading Tool for Locomotive Firebox and Position of	Full size details of components	2.7.07	1907	-	-	PT	18	-
16080	Tap for Holes in Firebox (For Liquid Fuel Burning Apparatus)	Full size elevation and plan of tap	2.7.07	1907	-	-	PT	18	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16081 Ren	Engines Class F5 (GE Class G63) Vacuum Brake Arrangement and Details	1½" and 3" to 1' shown on outline of engine	- .10.07	1907	G63	F5	PT	27	-
16081 -4	Diagram of Proposed Brake Composite Carriage	3/8" to 1' plan of 50' carriage, 9'5¼" luggage/guard, lav, 2x1st, 3x3rds, lav.	16.4.09	1909	-	-	PT	50	-
16083	Four Wheels Coupled Radial Tank Engines P55 Class Boiler with Steel Firebox and	1½" to 1' arrangement of boiler and firebox	18.10.07	1907	P55	F5	PT	27	-
16089	Engines Class S46, F48 Boiler with Direct Roof Stays and Double Riveted Corners	1½" to 1' general arrangement of boiler and firebox	15.8.07	1907	S46 F48	D14 J16	PT	27	-
16112	Arrangement of Inspection Truck	1" to 1' general arrangement of open truck on 6 wheel carriage underframe Endorsed: for alteration of end doors see Office and Shop Copies 30.9.08	16.8.07	1907	T64	12M	PT	29	-
16126	Drawing 101-Private Owners 10 or 12 Ton Rectangular Tank Wagons with Standard 8, 10 and 12 Tons Steel or Iron and Wood	¾" to 1' general arrangement	27.8.07	1907	-	-	PT	1	-
16128	Drawing 103-Private Owners 10 or 12 Ton Rectangular Tank Wagons-Alternative Methods of securing Tank to Wood	¾" to 1' outline general arrangement	21.8.07	1907	-	-	PT	1	-
16132	York and Harwich Continental Train-Sections through Passenger Compartments	1½" to 1' detailed sections of 1st and 3rd class compartments	7.8.01	1901	P60	25C	PT	4	-
16141	Stratford Station	33' to 1" layout of main line from Coborn Road to east of Angel Lane bridge, showing signalling and nearby buildings	14.8.07	1907	-	-	PT	39	-
16163	Diagram of Gradients Liverpool Street to Ipswich, Ipswich to Lowestoft	½" to 1 mile horizontal scale	24.8.07	1907	-	-	PT	31	-
16178	Part Plan of Stratford Station Showing Entrance to Carriage Sidings	33' to 1" layout from Carpenters Road curve to Old Yard and towards Angel Road	26.8.07	1907	-	-	PT	20	-
16180	GER Cambridge Station Proposed Alteration to Loco Sidings	1 to 500 scale plan of engine shed and environs Copy of Engineer's plan Part No 33809	22.8.07	1907	-	-	PT	19	-
16184	North Greenwich	33' to 1" Land Agents Office plan showing track layout and buildings and GER land boundary	28.8.07	1907	-	-	PT	24	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16185	(London & Cromer Train-Bracket for Hat Rack in Dining and Restaurant Cars)	Full size elevation of a very ornate cast double seat end with 'bats wing'. Endorsed: also used in 1st class restaurant cars York and Harwich Train P&S60	28.8.07	1907	-	-	PT	29	-
16186	Crossover Road at Halifax Junction Ipswich- Proposed Ramp to Lift Water Scoop	3/8" to 1' track diagram showing crossover close to end of water trough	14.9.07	1907	-	-	PT	24	-
16188	Arrangement of Superheater in Smokebox Four Coupled Express Engines D56 Class	3" to 1' end and side elevations	11.11.07	1907	D56	D15	PT	25	-
16190	Six Wheels Coupled Tank Engines Type J69 Leading and Trailing Hornblock Stay and Wedge	6" to 1' arrangement and details, see Dg No 13718 for driving horn block	18.6.29	1929	-	J69	PT	25	-
16204	Arrangement of Underframe for Cattle and Covered Goods Wagons	1½" to 1' general arrangement of 19'3" channel steel underframe Endorsed: for D64 cattle wagons and G64 covered goods	10.10.07	1907	D64 G64	7W 47W	PT	96	-
16214	6 Wheeled M.L. Brake Van L64 Class	1" to 1' general arrangement of 6 wheeled brake van	9.10.07	1907	L64	536C	PT	167	-
16217	Proposed Low Floored Brake Van-Scheme 1	¾" to 1' elevations of 32' elliptical roofed van on steel underframe 2'9" dia wheels, 9'9" wide, 12'5" height My comment: not built	19.11.07	1907	-	-	PT	141	-
16217	Proposed Low Floored Bogie Brake Van-Scheme 2	¾" to 1' elevations of 45' bogie brake van on steel underframes, 2'9" dia wheels My comment: not built	19.11.07	1907	-	-	PT	141	-
16219	Conversion of Whole Sided Door Wagon into Hopper Ballast Wagon D&P9305	1½" to 1' general arrangement of wooden framed 16' 3 plank open altered into	12.2.08	1908	D&P 3051	59W	PT	141	-
16222	Sketch of Proposed Ballast Plough	1" to 1' sketch of plough mounted under flat wagon, operated by vertical brake column Copy of Engineer's plan dated 19.9.07	7.10.07	1907	-	-	PT	94	-
16224	Sketch of Proposed Ballast Hopper Wagon	1" to 1' outline proposal for converting 15'6" low sided wagons to hoppers Copy of Engineer's plan dated 19.9.07	7.10.07	1907	-	-	PT	94	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16232	Cross Over Road at Halifax Junction-Ramp to Lift Water Scoop Details of Ramp and	1½" and 3" to 1' details of components	19.10.07	1907	-	-	PT	79	-
16233	Arrangement of Cross Head and Slide Bar	3" to 1' arrangement applicable to 19" dia cylinder with 26" stroke	- .10.07	1907	-	-	PT	79	-
16244	Large One Horse Van D&P9037 (Covered) Lowered in Height from Ground to Floor	1½" to 1' general arrangement of open 4 wheeled van, body length 10' 2 5/8" Endorsed: no original drawing of this van, traced from No 9816A with modifications	29.10.07	1907	D&P 9037	-	PT	29	-
16253	Details of Ironwork for Single Bolster Wagon F64 Class	3" to 1' of brake, buffer and coupling details only. Endorsed: superseded by Dg No 19163 3.14; for other details of ironwork see Dg No 11475	9.1.08	1908	F64	29W	PT	59	-
16256	Sketch of Bogie Carriage Approximate Weight 28 Tons	Not to scale, details received from Mr Busk, company of origin unknown, outline elevation, 54'2" long	1.11.07	1907	-	-	PT	46	-
16257	Sketch of Avery's Patent Train in Motion Weigher	¾" and 1½" to 1' side elevation of apparatus	- .11.07	1907	-	-	PT	111	-
16259	Six Wheels Coupled Goods Engines Class L52-Rod, Pipe & Clothing Arrangement	1½" to 1' elevations and plan and index to components Endorsed: altered 2.9.25	7.2.08	1908	L52	J16	PT	47	-
16263	GER Lowestoft-Proposed Siding	44' to 1" plan of siding with headshunt, crossing Denmark Road into Corporation Electric Light Works Copy of Engineers Plan No 25905A dated 21.10.07	7.11.07	1907	-	-	PT	31	-
16267	Arrangement and Details of Cab Door Class J68	1½" and 3" to 1' arrangement and full size details. Endorsed: amended 9.53	4.1.15	1915	-	J68	PT	31	-
		1½" to 1' general arrangement of 21'6" steel bodied wagon							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16285	20 Tons Loco Coal Wagon	Endorsed: for arrangement and details of double brake on P71 and future classes see Dg No 18078 1.4.12; for M73 and future classes see Dg No 18248 7.12.13	16.1.08	1908	P71	46W	PT	131	-
16294	Four Wheels Coupled Express Engines Class (T19) with G16 Bogies-Boiler	1½" to 1' plans and elevation of boiler and firebox My comment: tracing damaged but drawing largely intact	- .12.07	1907	T19	D13	PT	89	-
16294 Att	Four Wheels Coupled Express Engines Class T19 with G16 Bogie-Alteration to Boiler for Schmidt Superheater	1½" to 1' elevations of boiler Endorsed: altered 21.12.21; see Dg 16294 for other dimensions	9.12.12	1912	T19	D13	PT	89	-
16298	Proposed Method of Adjusting Height of Snowplough	1½" to 1' buffer mounted plough on front of engine	11.1.08	1908	-	-	PT	89	-
16304	Description of Spark Deflector Shown on Dg No 16304	Written description within panel of deflector	16.3.08	1908	-	-	PT	128	-
16304	Arrangement of Spark Arrestor and Ash Ejector on Four Wheels Coupled Bogie Express Engines	1½" to 1' sectional side and end elevations of smokebox and ash containers below the footplate	13.12.07	1907	D56	D15	PT	175	-
16316	Canning Town (Goods Yard) Swing Bridge Curves and Gradients	33' to 1' plan of line between main line and Pepper Warehouses wharf, includes 14 chains at 1 in 28 gradient Copy of Engineers Plan No 6339S dated 5.12.07	17.12.07	1907	-	-	PT	42	-
16321	Four Coupled Bogie Express D56 Class-Arrangement and Details of Deeley's Patent Ash Ejector	3" to 1' arrangement, details 6" to 1'	20.12.07	1907	D56	D15	PT	42	-
16353 Part 1	GER Bow to Stratford Widening-Signals	1" to 66' detailed track plan Bow Junction to Waterworks River, 2 new running lines and	31.1.08	1908	-	-	PT	70	-
16353 Part 2	GER Bow to Stratford Widening-Signals	1" to 66' detailed track plan Western Junction to Stratford station and north to	31.1.08	1908	-	-	PT	70	-
16367	7 Ton Boiler Lorry D&P9255	1½" to 1' general arrangement of lorry 11'11½" inside, 7'8" wheelbase	14.2.08	1908	D&P 9255	-	PT	141	-
16370	Four Wheels Coupled Mixed Traffic Engines T26-Arrangement of Steam Heating	1½" to 1' arrangement of apparatus with full size details of fittings	22.6.10	1910	T26	E4	PT	141	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16371	Rebuilt Engines Classes S46, F48-Boiler Fitted with Roof Bars and Double Riveted	1½" to 1' arrangement of boiler and full size details of riveting	- .2.08	1908	S46 F48	D15	PT	132	-
16389	Arrangement and Details of Hatchway in Roof of Covered Goods Wagon	1½" to 1' arrangement of hatch in centre of roof with 3" to 1' details of components Endorsed: one wagon to be fitted to LM4829	8.4.08	1908	LM4829	-	PT	140	-
16391	Ballast Spreading Plough Fitted to Permanent Way Brake Van D&P3906	1½" to 1' general arrangement of plough and brake van. Endorsed: two brakes to be fitted to this for details see Dg No 16392	16.3.08	1908	-	60W	PT	54	-
16392	Details of Ballast Spreading Plough D&P9306	3" to 1' arrangement and details of plough	13.4.08	1908	-	60W	PT	54	-
16408	Private Owners Wagons-Arrangement of Proposed and Buffing and Draw Spring Gear with Protection Plates	¾" to 1' sectional side elevation and plan of wood and steel underframe	24.3.08	1908	-	-	PT	68	-
16412	Four Wheels Coupled Bogie Engines Class T19 Belpaire with G16 Bogie- Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan Endorsed: altered 2.24 and 3.34	5.6.08	1908	T19	D13	PT	47	-
16423	Nussbaum's Atomiser for Liquid Fuel- - - Sheet 1 Single Burner with One Steam Hole Sheet 2 Single Burner with Three Steam Holes	Unscaled details of burners	7.4.08	1908	-	-	PT	125	-
16426	Combined Variable Blast Pipe and Ash Ejector Class W	Full size details Copy of North Eastern Railway plan dated 8.7.07	7.4.08	1908	-	-	PT	98	-
16431	Arrangement of Patent Brake Block Adjuster Fitted to 15Ft Wagon Underframe	1½" to 1' arrangement shown on outline of underframe Endorsed: for arrangement of underframe see Dg No 13561	28.4.08	1908	-	-	PT	91	-
16435	Cambridge-Proposed Alterations	1" to 44' layout from south of LNWR shed to north of Coldham Lane signal box with extensive alterations to sidings and locomotive facilities	16.4.08	1908	-	-	PT	100	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Engineer's plan A14424 dated 20.2.08							
16437	Arrangement of Four Wheeled Goods Brake Underframe C65 Class	1½" to 1' arrangement of 17'6" steel frame showing braking details and weights Endorsed: cancelled for P73 and future classes see Dg No 18440; for arrangement of body see Dg No 16438	29.6.08	1908	C65	56W	PT	131	-
16438	Four Wheels 20 Tons Goods Brake-Arrangement of Body	1½" to 1' detailed arrangement of 17'6" body	13.8.08	1908	C65	56W	PT	131	-
16482	Arrangement of Brake Third Class B65	¾" to 1' general arrangement of 50' body Endorsed: see Dg No 19106 for ends with standard gangway	16.6.08	1908	B65	537C	PT	131	-
16484	Diagram Showing Position and Method of Fastening Tool Box on Tank Engines	3" to 1' showing tool box and schedule of fixing for different classes	8.8.08	1908	-	-	PT	51	-
16489	Arrangement of Ballast Brake X64 Class	1½" to 1' general arrangement of 20' brake	7.7.08	1908	X64	58W	PT	131	-
16492	Proposed Cover for Egg Wagons	¾" to 1' outline general arrangement of steel framed truck showing a boarded roof either side of 6'3" opening covered by tarpaulin supported by 5 movable rails	16.6.08	1908	I48	13W	PT	6	-
16499	GER (General Powers) Session 1899 Widening and Improvement No 2	Tracing from lithographed parliamentary plan of Angel Road and area.	- .6.08	1908	-	-	PT	6	-
16500	GER (General Powers) Session 1899 Widening and Improvement No 2	Tracing from lithographed parliamentary plan of Park station and area.	- .6.08	1908	-	-	PT	6	-
16504	Bogie Single Wheeled Express Engines No 10 Class-Diagram of Boiler	½" to 1' dimensioned outline elevations	25.6.08	1908	P43	-	PT	97	-
16506	Cromer	66' to 1" survey of station area to Cromer Junction Copy of Land Agent's plan surveyed 9.07	3.7.08	1908	-	-	PT	116	-
16511	Eccentric Sheaves for Special Motion Four Wheels Coupled Bogie Express Engines D56 (1850) Class	Full size details and 3" to 1' arrangement	- .10.09	1909	D56	D15	PT	27	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16542	Self Contained Buffer to Replace Dead Buffers	Full size sectional elevations of buffer Endorsed: Copied from print filed by L&YR Co at RCH; fitted to J. Gibson's 8 ton wagon No 27 Sleaford Drawing by The Steel Railway Journal Box Co Ltd, Manchester Dg 301	26.8.08	1908	-	-	PT	89	-
16559	Proposed Low Floored Milk Van for Main Line Service	¾" to 1' elevations and plan of 31'4½" van on 3' diameter wheels	21.9.08	1908	-	-	PT	91	-
16562	GER Cylinders 17½ins by 24ins-Isaacson's Link Motion Patented	3" to 1' arrangement of motion. Copy of Manning, Wardle Dg No U87 26.6.08	21.9.08	1908	-	-	PT	63	-
16569	Diagram Showing Method of Consuming Smokebox Ashes on Engine No 1851	¾" to 1' part sectional side elevation of smokebox with gear	28.9.08	1908	D56	D15	PT	63	-
16578	Six Coupled Tram Engines Class C53, C64-Arrangement of Automatic Governing Gear	6" to 1' arrangement of gear	- .10.08	1908	C53 C64	J70	PT	63	-
16585	GER Lowestoft	1½" to 100' plan extending from Coke Oven Jn to terminus Copy of Engineer's plan No 25940 dated 28.8.08	8.10.08	1908	-	-	PT	84	-
16588	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details of Gear	1½" and 3" to 1' arrangement shown in relation to cab and footplate and full size	30.10.08	1908	D56	D15	PT	84	-
16599	Tail Lamp on Vestibuled Stock-Lamp Iron Arranged for the Lamp to Project beyond Vestibule	¾" to 1' outline end elevation and plan Copy of NER sketch No 117	23.10.08	1908	-	-	PT	84	-
16600	Arrangement of Patent Brake Block Adjuster on Covered Goods Wagon Fitted with Combined Vacuum Hand Brake	1½" to 1' part elevations and plan showing adjuster and cylinder Endorsed: altered 11.6.13; for arrangement of combined Vacuum and hand brake see Dg 14796	28.10.08	1908	-	47W	PT	87	-
16605	(Peterborough)	1 to 500 plan of area north and east of station to Nene showing proposed land purchase My comment: probably an extract from Ordnance Survey sheet	2.11.08	1908	-	-	PT	87	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16637	10 Cwt Coal Box for Coal Stage	3" to 1' arrangement of 4 wheel sheet iron box 4' long on 1'2" unflanged wheels	- .12.08	1908	-	-	PT	80	-
16709 -1	Untitled	3/8" to 1' outline side elevation and plan of motor train, 0-6-0T engine and 2x6 wheel	1.6.09	1909	-	-	PT	54	-
16709 -2	Untitled	3/8" to 1' outline side elevation and plan of motor train comprising 0-6-0T engine with a	1.6.09	1909	-	-	Pt	54	-
16717	Six Wheels Coupled Bogie Express Engines 1500 Class-Cast Iron Chimney, Base and	6" to 1' sectional elevations and plan	- .11.19	1919	S69	B12	PT	130	-
16721	Oil Box for Saddle Pins for Tender Engines	Full size detail and schedule of engines fitted. My comment: part of right hand side of tracing missing, no loss of detail	- .6.09	1909	-	-	PT	62	-
16734	Arrangement of Brake Composite Carriage Class T66	¾" to 1' arrangement of 50' body and interior detail	3.9.09	1909	T66	235C	PT	131	-
16740	First Class Saloon X65	¾" to 1' general arrangement of 50' body and interior details and section	7.1.09	1909	X65	20C	PT	131	-
16741	Arrangement of Underframe for First Class Saloon X65	1½" to 1' arrangement of wood frame 49'4½" long, brake details and gas lighting apparatus Endorsed: for arrangement of body see Dg No 16740	14.1.09	1909	X65	20C	PT	131	-
16743	Six Wheels Coupled Goods Engines G58 Class-Smokebox	3" to 1' sectional elevations of smokebox Endorsed: for non superheater engines fitted with cylinders as altered for superheater engines see Dg No 20615 for steam pipe and connection 20.1.16	23.12.08	1908	G58	J17	PT	131	-
16748	Four Wheels Coupled Bogie Express Engines- Arrangement of Cab and Stoking Floor	1½" to 1' section and plan of footplate and smokebox firehole	12.1.09	1909	D56	D15	PT	41	-
16762	March	66' to 1" plan of March station area showing signalling details and the capacity of 4 reservoirs	25.1.09	1909	-	-	PT	107	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16764	Position of Lamp Irons on Vestibule Carriage Stock	¾" to 1' dimensioned end elevation of carriage and part of side showing irons	28.1.09	1909	-	-	PT	107	-
16766	Sketch Showing Sanding Apparatus on Slip Carriages	1" to 1' sectional elevations and plan showing apparatus under guards seat in lookout	2.2.09	1909	-	-	PT	109	-
16770	Liquid Fuel Burning Apparatus-Holden's Patent-Warming Coil	3" to 1' plan and elevation of coil Endorsed: Dg No 386 LF	- .2.02	1902	-	-	PT	107	-
16771	Liquid Fuel Burning Apparatus-Holden's Patent-Strainers	3" to 1' sectional elevations and plans of two strainers Endorsed: Dg No 385LF	-.2.02	1902	-	-	PT	175	-
16772	Apparatus for Burning Liquid Fuel Holden's Patent-Arrangement on Four Coupled Express 1900 Class	1½" to 1' outline sectional elevations showing apparatus Supplementary Dg No 418LF	- .2.03	1903	S46	D14	PT	143	-
16773	Liquid Fuel Burning Apparatus-Holden's Patent-4in Stop Valve	6" to 1' elevations of valve Endorsed: bought of the East Ferry Road Engineering Works Subsidiary Dg No 387LF	- .2.02	1902	-	-	PT	148	-
16774	Apparatus for Burning Liquid Fuel Holden's Patent-Hose for Coupling Burners to Vacuum Brake Pipe or Air Heating	Full size plan of hose and attached to tee Supplementary Dg No 347LF	11.8.00	1900	-	-	PT	143	-
16775	General Arrangement of Liquid Fuel Burning Apparatus on Four Coupled Express Engine Holden's Patent System Dg No 434 L.F.	¾" to 1' outline general arrangement with elevations and plan of Claud Hamilton engine with sectional views of apparatus in fire box and tender, no dimensions	- .12.06	1906	S46	D14	PT	47	-
16776	Four Wheels Coupled Bogie Locomotive Burning Liquid Fuel Holden's Patent System Dg No 389 L.F.	¾" to 1' outline general arrangement with sectional views of apparatus in firebox and tender, no dimensions Endorsed: cancelled see new tracing Dg No 17836	- .11.02	1902	S46	D14	PT	47	-
16781	Vickary's Water Separator and Superheater	1" to 1' sectional view of boiler signed by James F. Vickary 11.08	10.2.09	1909	-	-	PT	99	-
16783	Section of 85lbs Rail	Full size section Endorsed: cancelled see Dg No 16950	15.2.09	1909	-	-	PT	25	-
16788	Emergency Coupling for Suburban Carriages	Full size single link with hooks at either end	- .2.09	1909	-	-	PT	99	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16794	Arrangement of Light Steam Shovel on Bogies	½" to 1' diagram of small locomotive boiler and winch mounted on 21'6" bogie wagon but no shovel visible Copy of Ruston & Proctor Dg No 9-583 dated 7.2.09	2.3.09	1909	-	-	PT	33	-
16799	Arrangement of Accelerating Apparatus for Vacuum Brake on 19' Covered Goods Wagons	1½" to 1' part elevations and plan of underframe with vacuum brake cylinder and reservoir	8.3.09	1909	-	47W	PT	33	-
16801	Diagrams of Proposed Bogie Brake Composite Carriage	3/8" to 1' of 2 schemes, 4 x 3rds, 1 or 2 1sts and brake compartment of 50' stock	- .3.09	1909	-	-	PT	25	-
16818	Front Elevation of Model Link Motion	3" to 1' undimensioned elevation	2.4.09	1909	-	-	PT	42	-
16822	Arrangement of Main Line Milk Van A66 Class	1" to 1' general arrangement of body and 6 wheel underframe Endorsed: for further particulars of underframe see Dg No 13877	21.5.09	1909	A66	40M	PT	38	-
16823	Main Line Parcels Van	1" to 1' general arrangement of body on 6 wheel underframe Endorsed: for underframe arrangement see Dg No 16822; see Dg No 40405 for additional slides for wheel bars 24.5.37	20.4.09	1909	D66	39M	PT	38	-
16834	General Arrangement of Gunpowder Van G66 Class	1½" to 1' general arrangement of 16' steel bodied van Endorsed: altered 1912, for I71 and future classes in regard to load and number plate and Cocker's clip	13.5.09	1909	G66	62W	PT	139	-
16847	Steam Brakedown Crane	¼" to 1' side elevation of 10 wheel crane showing jib in various positions and with bogie guard truck Endorsed: Copy of Ransomes & Rapier Dg No 23122	18.5.09	1909	-	-	PT	120	-
16849	Arrangement of Wood Underframe for Cattle Boxes S66 Class	1½" to 1' arrangement of 21'4" wood frame with details of hand and Westinghouse brake	3.11.09	1909	S66	19M	PT	131	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16856	Diagram Showing Proposed Wheelbase for 60Ft or 57Ft Vehicles	3/8" to 1' outline side elevation of coaches with 10' wheelbase bogies at 40' centres on both vehicles	3.6.09	1909	-	-	PT	128	-
16856	Diagram Showing Proposed Wheelbase for 60Ft or 57Ft Vehicles	3/8" to 1' outline side elevation of coaches with 10' wheelbase bogies at 38' centres on both vehicles	3.6.09	1909	-	-	PT	128	-
16864	Diagram of Engines and Crane Showing Length of Wheelbases and Weights Upon Rails	1/8" to 1' wheelbases of 10 classes of engine and outline side elevation of 20 Tons Accident crane	18.8.09	1909	-	-	PT	52	-
16866	Wood Underframe for 15Ft Coal Wagon	1½" to 1' side elevation and plan of 15' frame My note: not used by GER	28.7.09	1909	-	-	PT	86	-
16867	Steel Underframe for 17Ft Wagon	1½" to 1' plan of 17' channel frame, 9'6" wheelbase	28.7.09	1909	-	-	PT	86	-
16868	GNR, GCR and GER 10 Ton Covered Goods Wagon	1½" to 1' general arrangement of van on outline of 19' underframe Endorsed: underframe as for 17' high sided wagon	- .8.09	1909	-	-	PT	54	-
16869	GNR, GCR and GER 17Ft High Sided Wagon	1½" to 1' general arrangement of wagon 9'6" wheelbase, 4'0½" deep body with 2 diagonals, 5'3" side door	- .8.09	1909	-	-	PT	54	-
16870	GNR, GCR and GER Alternative Underframe for 17Ft High Sided Wagon	1½" to 1' arrangement of 9'6" wheelbase steel underframe, GCR axleboxes Endorsed: for handbrake see arrangement of 17Ft high sided wagon	- .8.09	1909	-	-	PT	54	-
16871	GN, GC, GE 10 ton Coal Wagon	1½" to 1' general arrangement of 15' 7 plank open 8'0" wide body on wood frame My comment: this design not built for GER service	- .8.09	1909	-	-	PT	141	-
16872	GNR, GCR, GER-Alternative Underframe for 10 Ton Coal Wagon	1½" to 1' arrangement of 15' wood underframe, 9'6" wheelbase My comment: this design not built for GER service	- .8.09	1909	-	-	PT	141	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16873	GNR, GCR, GER-Arrangement of Body for 10 Ton Covered Goods Wagon	1½" to 1' general arrangement of 19' covered van, wood frame, 10'6" WB, body clad with vertical boarding Endorsed: for underframe see Dg for 19' 10 Ton Open Goods Wagon	- .9.09	1909	-	-	PT	141	-
16874	Arrangement of 10 Ton Covered Goods Goods Wagon	1½" to 1' general arrangement of 19' van with full size detail of roof construction	15.9.09	1909	P68	72W	PT	131	-
16875	GNR, GCR, GER Arrangement of 19Ft 10 Tons Open Goods Wagon	1½" to 1' arrangement of 6 plank open, 3'5" deep body showing steel and wood frame My comment: this design was not built for the GER	13.9.09	1909	-	-	PT	131	-
16876	GNR, GCR, GER-Arrangement of 17' 10 Ton Open Goods Wagon	1½" to 1' general arrangement of 17' 7 plank wagon on steel frame	- .9.09	1909	-	73W	PT	141	-
16877	GN, GC, GE-Arrangement of 15Ft 10 Ton Coal Wagon	1½" to 1' general arrangement of 15' 7 plank open 8'0" wide body. 3'11¼" deep on wood frame My comment: this design not built for GER service	- .9.09	1909	-	-	PT	141	-
16885	Four Wheels Coupled Radial Tank Engines Y65 Class-Rod, Pipe and Clothing Arrangement	1½" to 1' detailed elevations and plan	10.6.09	1909	Y65	F7	PT	71	-
16886	GNR, GCR, GER Wagon Wheel and Axle	3" to 1' arrangement of wheelset 8 open spokes, full size section of tyre	18.8.09	1909	-	-	PT	45	-
16890	Arrangement of 17Ft 10 Tons Open Goods Wagon 5 Boards Deep	1½" to 1' general arrangement, steel frames, body 2'10¼" deep, Morton brake gear My comment: no wagons built to this GA	8.2.11	1911	-	-	PT	45	-
16914	Underframe Arrangement of 4 Wheeled 20 Tons Goods Brake Class P66	1½" and 3" to 1' arrangement Endorsed: for body Dg No 16438, ironwork 16441, brakework 16442	8.10.09	1909	P66	56W	PT	15	-
16918	Arrangement of Bronze Stays on Boilers Class F48	1½" to 1' sectional views	15.3.09	1909	F48	J16	PT	14	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16919	General Arrangement of Cattle Wagon with Wood Underframe Class C67	1½" to 1' general arrangement of 18'7" wagon on wooden underframe Endorsed: single brake to be fitted both sides; height from floor to cant rail altered from 5'10½" to 6'2" for conveyance of military traffic 12.5.11 D70 and future stock; for screw coupling for E76 and future stock see Dg No 16888; superseded by Dg No 21025 22.2.17 My comment: tracing damaged on lower right but no loss of detail	11.11.09	1909	C67	71W	PT	132	-
16925	Tracing Showing the Application of Holden's Patent Apparatus for Burning Liquid Fuel on Engine No 58 of the Argentine Great Western Railway	(1" to 1') outline side elevation of 2-6-0 tender engine, sectional view of apparatus, cab interior and plan of firebox and key to parts Endorsed: this being the first locomotive in the Argentine Republic adapted for burning petroleum 1891-2	12.10.09	1909	-	-	PT	125	-
16931	Engines Classes Y14 (J15), T19, T26 (E4), N31, C32 (F3)-Foundation Ring	3" to 1' details of foundation ring with full size riveting detail Endorsed: altered 29.11.16 for Y14 steel firebox	21.2.17	1917	Y14 T19 T26 N31 C32	J15 - E4 - F3	PT	72	-
16932	Diagram of Rolling Stock Construction Gauge and Outside Dimensions of Engine and Carriage Stock	1½" to 1' composite end elevation	- .10.09	1909	-	-	PT	31	-
16935	Arrangement of Four Wheeled Bogie for GE Carriages	1½" to 1' elevations, plan and section of 8' wheelbase bogie Endorsed: retraced 3.2.45	12.5.10	1910	-	-	PT	31	-
16935	Arrangement of 4 Wheel Bogie for Carriages	1½" to 1' general arrangement of 8' wheelbase bogie Endorsed: altered to red for bogie suburban train 7.1.11	30.5.10	1910	-	-	PT	72	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My note: some loss of detail at right hand side							
16935	Arrangement of Four Wheeled Bogie for Carriages	1½" to 1' general arrangement of 8' wheelbase bogie Endorsed: altered 7.1.11 My comment: a copy negative of average quality	12.5.10	1910	-	-	PT	98	-
16938	Arrangement of Body for Second Class Suburban Carriage	1" to 1' general arrangement of body of 26' wide 5 compartment carriage My comment: stock built in 1898	4.11.09	1909	-	307C	PT	96	-
16954	Sketch Showing Relative Positions of Engine and Tender and Carriage and Wagon	1½" to 1' outline elevation and plan showing buffers	22.11.09	1909	-	-	PT	128	-
16955	Punt for Pyewipe Loco	1½" to 1' arrangement of flat bottomed punt 11' x 5'	26.11.09	1909	-	-	PT	128	-
16967	Cross Sections Showing Proposed Widening of Six Wheeled Main Line Vehicles for Use in Suburban Service	1½" to 1' sectional view of existing and proposed arrangement and downgrading of seat trimming to suburban standards Endorsed: note foot room in doorway splices at false bottomsides same as in present converted wide stock	20.12.09	1909	-	-	PT	10	-
16971	Braintree	66' to 1" plan of old and new stations with proposed two road engine shed to replace existing in old yard	29.12.09	1909	-	-	PT	11	-
16973	Name, Load and Number Plate for Wagons	Full size arrangement of plate 1'6" x 5 3/8", 1" to 1' part side elevations showing position of plate on open wagon, covered goods and cattle wagon Endorsed: cancelled see Dg No 18415	20.1.10	1910	-	-	PT	129	-
16976	Four Wheels Coupled Radial Tank Engines Class P55-Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement of apparatus shown on part outline of engine with 3" & 6" to 1' and full size details of components, pipes and fittings	10.10.16	1916	P55	F4	PT	129	-
16988	Arrangement of Brake Van for Antwerp Train L67	¾" to 1' general arrangement of 50' body	14.2.10	1910	L67	539C	PT	131	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16997	Four Wheels Coupled Radial Tank Engines Class P55, F4-Rod, Pipe, Clothing and Brake	1½" to 1' side and end elevations and plan	30.3.11	1911	P55	F4	PT	47	-
16998	Cast Iron Dead Buffer	Full size casting 10" dia base, 9" face, 4" projection for suburban carriages. Endorsed: marked T for steel underframes and U for wood	12.2.10	1910	-	-	PT	26	-
17001	Diagram of GER Horsebox No 569 Under Metropolitan Loading Gauges	1½" to 1' dimensioned end profile	9.6.09	1909	-	-	PT	141	-
17002	Proposed Conversion of Maudsley Bus to Goods Van	¾" to 1' outline side and rear elevations of open vehicle, 10'7" long with slatted sides 5'6" wide, 2'4" deep	8.6.09	1909	-	-	PT	129	-
17003	Diagram of First Class Saloon No 38	1/8" to 1' outline elevations and interior	23.6.09	1909	-	18C	PT	66	-
17011	Diagram Showing Wheelbase and Weights of Engines	¼" to 1' diagram of two 0-6-0 tender engines, 2-4-0 and 0-6-0 tank	19.7.09	1909	-	-	PT	42	-
17017	Diagram of Gradients of Buntingford Branch	½" to 1 mile horizontal scale, from St Margarets	10.9.09	1909	-	-	PT	46	-
17018	Private Owners Tan Wagons-Diagram Showing Heights and Centres of Gravity of Liquids of Various Specific Gravity in Tanks	¾" to 1' outline end elevation of 10 or 12 ton tank and tank wagon for conveying Class A inflammable liquids	14.9.09	1909	-	-	PT	42	-
17019	Proposed Alteration to No 11 Supper Saloon	¼" to 1' interior plan of kitchen and saloon to seat 16 passengers	11.10.09	1909	M42	9C	PT	46	-
17020	Special Train from Norwich to Folkestone July 1910-Diagrams of Carriages	1/8" to 1' diagrams of carriages and their detailed dimensions: 19Sn, 46Sn, 51Sn, 50' 3rd, 6 wheel B3rd and 50' B3rd	2.11.09	1909	-	-	PT	46	-
17033	Metropolitan Railway Loading Gauge	½" to 1' profiles of 3 gauges. Endorsed: traced from old copy dated 1903	16.4.26	1926	-	-	PT	42	-
17060	Proposed Horse Box with 13'6" Wheelbase	3/8" to 1' outline side elevation and plan of 20'2" body	9.12.09	1909	-	-	PT	46	-
17062	Existing First Class Carriage	3/8" to 1' interior plan of 50' corridor 1st with 6 7' compartment sand one lavatory	7.12.09	1909	-	121C			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17063	Proposed First Class Carriage	3/8" to 1' interior plan of 50' corridor 1st with 5 7/4" compartments and 5'4" coupe adjoining lavatory	7.12.09	1909	-	-			
-1		3/8" to 1' interior plan of 50' corridor 1st with 5 7'0" compartments and 5'2½" coupe with a lavatory at each end					PT	76	-
17063	Proposed First Class Carriage	3/8" to 1' interior plan of 50' corridor 1st with 6 6'9" compartments and lavatories at each end	7.12.09	1909	-	-			
-2		My comment: design became dia 122C							
17063	Proposed First Class Carriage		7.12.09	1909	-	-			
-3									
17063	Proposed First Class Carriage	3/8" to 1' interior plan of 50' corridor 1st with 5 8'0¾" compartments with a lavatory	7.12.09	1909	-	-	PT	76	-
-4									
17065	Brake Third No 950	1/8" outline side elevation and plan and ½" to 1' end profile and interior plan of 34'6" brake 3rd, internal corridor and lavatory set in guards compartment.	-	1910	-	538C	PT	76	-
		Endorsed: steam heating added 7.10.11; this diagram cancels diagram No 14565							
		My comment: modified for use in royal train 11.09							
17067	Proposed Luggage Brake Van for Continental Traffic	3/8" to 1' outline plan of 50' brake divided into 2 luggage compartments and guards van	15.12.09	1909	-	-	PT	76	-
17067	Proposed Luggage Brake Van for Continental Traffic	3/8" to 1' outline plan of 50' brake divided into 3 luggage compartments and guards	15.12.09	1909	-	-	PT	76	-
-2									
17069	Diagram of Proposed Train of Widened Six Wheel Carriages for Loughton Service	1/16" to 1' outline plan of 12 coach train of widened 34'6" stock comprising BT, T, T, F,	20.12.09	1909	-	-	PT	76	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17073	Diagram of Antwerp Train	1/8" to 1' outline plan of 9 coach train comprising BT, S, S, 55' S Rest, F Rest, F, F, C, B Endorsed: one first class carriage to run in train, the other one to be spare	7.1.10	1910	-	-	PT	76	-
17075	Proposed Arrangement of Kitchen on Nos 16, 17 and 24 Restaurant Cars	¼" to 1' interior plan of kitchen adjoining 1st class compartment	5.1.10	1910	-	27C	PT	76	-
17075	Proposed Arrangement of Kitchen on Nos 16, 17 and 24 Restaurant Cars	¼" to 1' interior plan of kitchen adjoining 1st class compartment	5.1.10	1910	-	27C	PT	76	-
17076	Diagram of Horse Box with 10Ft Wheelbase Diagram of Horse Box with 13Ft 6Ins Wheelbase	3/8" to 1' outline side elevations of 16'8" and 20'2" boxes	24.1.10	1910	-	17M 28M	PT	76	-
17081	Diagram of Antwerp Train	1/16' to 1' outline side elevation and interior plan of 8 coach train and 1900 class engine My comment: formation as Dg 17082-A	18.2.10	1910	-	-	PT	76	-
17082 -A	Diagram of Antwerp Train	1/8" to 1' interior plan of 8 coach train Endorsed: the 'A' retained at the request of Mr Holden 9.3.10	18.2.10	1910	-	-	PT	76	-
17083 -1	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 50' stock.	5.3.10	1910	-	-	PT	10	-
17083 -3	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 48'3" stock	15.3.10	1910	-	-	PT	10	-
17083 -5	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 50' stock	16.3.10	1910	-	-	PT	10	-
17083 -6	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 54' stock	16.3.10	1910	-	-	PT	10	-
17083 -7	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 50' stock	15.4.10	1910	-	-	PT	10	-
17083 -8	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 5 x 50' and 3 x 54' stock	20.4.10	1910	-	-	PT	10	-
17083 -10	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 6 x 54' stock and 50' brake thirds at each end	24.5.10	1910	-	-	PT	10	-
17083 -11	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 54' stock.	11.8.10	1910	-	-	PT	10	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17083 -12	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 54' stock.	14.11.10	1910	-	-	PT	10	-
17083 -13	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 54' stock Endorsed: this tracing shows modified formation of train proposed in Mr Ellis's letter of 23.11.10	25.11.10	1910	-	-	PT	10	-
17083 -14	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 8 coach train of 54' stock Endorsed: this diagram required for purposes of GER Magazine	13.1.11	1911	-	-	PT	10	-
17083 -4	Diagram of Proposed Bogie Suburban Train	1/16" to 1' plan of 9 coach train of 48'3" stock	15.3.10	1910	-	-	PT	16	-
17083 -2	Diagram of Proposed Bogie Suburban Train	1/16" to 1' outline plan of 8 carriage train of 50 stock	5.3.10	1910	-	-	PT	30	-
17083 -9	Diagram of Proposed Bogie Suburban Train	1/16" to 1' outline plan of 8 coach train, outer coaches 50', rest 54'. 1/8" to 1' inset interior layout of the 4 classes of carriage	21.4.10	1910	-	-	PT	51	-
17084	Proposed Bogie Composite Corridor Carriage	3/8" to 1' outline plan of interior, 50' body	18.2.10	1910	-	-	PT	10	-
17085	Diagram of Antwerp Train Shewing Main Pipe for Steam Heating	1/8" to 1' interior arrangement of 8 coach train	28.2.10	1910	-	-	PT	26	-
17086 -1	Diagram of Proposed Restaurant Car	3/8" to 1' plan of interior of 50' body, kitchen and 1st and 3rd class	2.3.10	1910	-	-	PT	7	-
17086 -2	Diagram of Proposed Restaurant Car	3/8" to 1' plan of interior of 50' body, kitchen and 1st and 3rd class							
17086 -3	Diagram of Proposed Restaurant Car	3/8" to 1' interior plan of 50' composite restaurant car	10.3.10	1910	-	-	PT	26	-
17086 -4	Diagram of Proposed Restaurant Car	3/8" to 1' interior plan of 50' composite dining car	- .3.10	1910	-	-	PT	27	-
17086 -5	Diagram of proposed Restaurant Car	3/8" to 1' interior plan of 50' composite dining car	- .3.10	1910	-	-	PT	27	-
17087	Diagram of Proposed Restaurant Car	3/8" to 1' interior plan of two 50' open	11.3.10	1910	-	-	PT	26	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-1	Diagram of Proposed Restaurant Cars	carriages	11.3.10	1910	-	-	PT	26	-
17087-3	Diagram of Proposed Restaurant Cars	3/8" to 1' plan of 1st kitchen and semi-open 3rd carriages	14.3.10	1910	-	-	PT	26	-
17087-5	Diagram of Proposed Restaurant Cars	3/8" to 1' interior plan of 1st kitchen and semi-open 3rd	16.3.10	1910	-	-	PT	26	-
17087-2	Diagram of Proposed Restaurant Cars	3/8" to 1' outline plan of open 1st/kitchen car and semi-open 3rd length 50'	11.3.10	1910	-	-	PT	30	-
17087-4	Diagram of Proposed Restaurant Cars	3/8" to 1' outline plan of open 1st/kitchen car and semi-open 3rd length 50'	1.3.10	1910	-	-	PT	30	-
17092	Proposed 34'6" Main Line Brake Van	½" to 1' plan of 8'9" wide brake van	17.5.10	1910	-	-	PT	45	-
17095	York and Harwich Continental Express	1/16" to 1' pictorial side elevation of train and 1900 Class engine with a note of how it was divided	18.7.10	1910	-	-	PT	50	-
17101	Diagrams of First and Third Class Saloons Showing Overall Dimensions	¼" to 1' outline elevations of 3rds Nos 12, 32-37 and 42	8.6.10	1910	-	10C 16C 19C	PT	45	-
17102	Proposed Alteration to 2nd Class Carriages Nos 180-183	3/8" to 1' diagrams of 6 wheel body showing original layout and proposed coupe compartment from pair of toilets	9.6.10	1910	-	305C	PT	45	-
17102-1	Proposed Alteration to Second Class Carriages Nos 180-183	3/8" to 1' diagrams of 6 wheel body showing original layout and proposed semi-	9.6.10	1910	-	305C	PT	46	-
17102-2	Proposed Alteration to Second Class Carriages Nos 180-183	3/8" to 1' diagrams of 6 wheel body showing original layout and proposed	18.6.10	1910	-	305C	PT	46	-
17106	Diagram Showing Proposed Gas Heated Radiator Fitted to Mail Van	3/8" to 1' outline elevations and plan of 34' van	28.6.10	1910	-	-	PT	45	-
17111	Proposed Brake Third Carriage	3/8" to 1' plan of 50' body, 26'9½" guards compartment and 3 compartments	12.8.10	1910	-	-	PT	50	-
17139	Diagrams of Brake Carriages Showing Maximum Dimensions	¼" to 1' outline elevations of 6 wheel and bogie brake carriages	12.9.10	1910	-	-	PT	45	-
17140	Diagram Showing Proposed Position of Tail Lamp Irons	½" to 1' end elevations of 5 wide suburban and main line carriages showing revised positions	- .9.10	1910	-	-	PT	45	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17147	Proposed Alteration to Truck for Continental Luggage Boxes to Suit either One or Two Boxes	¾" to 1' outline elevations and plan of 16' truck showing outline of single container	21.9.10	1910	-	13M	PT	34	-
17148	Diagram Showing Proposed Position of New Tail Lamps Irons	½" to 1' 5 end elevations of carriages showing position of irons. My note: irons at body corners and the 2 pronged type removed	3.10.10	1910	-	-	PT	55	-
17160	Diagram of Clacton-on-Sea and Southcliff Express	1/16" to 1' outline side elevation and plan of 8 coach train 50' stock	14.10.10	1910	-	-	PT	135	-
17168-2	Proposed Family Saloon	3/8" to 1' plan of 50' corridor saloon 11 1st and 16 3rd seats	27.10.10	1910	-	-	PT	48	-
17168-1	Proposed Family Saloon	3/8" to 1' plan of 50' body with corridor	27.10.10	1910	-	-	PT	55	-
17168-3	Proposed Family Saloon	3/8" to 1' plan of 50' body 11 1st and 16 3rds with corridor	27.10.10	1910	-	-	PT	55	-
17168-4	Proposed Family Saloon	3/8" to 1' plan of 50' body, 11 1st and 16 3rds with corridor	27.10.10	1910	-	-	PT	55	-
17168-7	Proposed Family Saloon	3/8" to 1' plan of 50' body, 11 1st and 14 3rds with corridor	7.11.10	1910	-	-	PT	55	-
17168-8	Proposed Family Saloon	3/8" to 1' plan of 50' body, 10 1st and 14 3rds with corridor	12.11.10	1910	-	-	PT	55	-
17168-9	Proposed Family Saloon	3/8" to 1' plan of 50' body, 10 1sts and 14 3rds with corridor	7.11.10	1910	-	-	PT	55	-
17168-6	Proposed Family Saloon	3/8" to 1' interior of 50' saloon	7.11.10	1910	-	-	PT	66	-
17168-10	Proposed Family Saloon	3/8" to 1' outline interior plan of 50' saloon	7.12.10	1910	-	-	PT	77	-
17168-5	Proposed Family Saloon	3/8" to 1' interior plan of 50' carriage to seat 11 1st and 16 3rds	27.10.10	1910	-	-	PT	135	-
17169	Arrangement of Collapsible Gates on Brake Third Class Carriages T68, X71, Y73	¾" to 1' part side elevation of body and of gates. Endorsed: body to Dg No 15071; Bostwick gates to be removed see Mr Mauldin's letter 2.1.30	8.11.10	1910	T68 X71 Y73	541C	PT	55	-
17170	Diagram of Royal Saloon No 21	3/8" to 1' interior plan	11.11.10	1910	T27	17C	PT	46	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17178	Diagram of Royal Saloon No 31	3/8" to 1' interior plan	11.11.10	1910	T37	17C	PT	46	-
17179 -2	Diagram Showing Proposed Alteration to Royal Saloon No 31	3/8" to 1' interior plan of saloon showing saloon reduced in length to accommodate	11.11.10	1910	T37	17C	PT	46	-
17179 -1	Diagram Showing Proposed Alteration to Royal Saloon No 31	3/8" to 1' interior plan of partitions	11.11.10	1910	-	17C	PT	108	-
17179 -3	Diagram Showing Proposed Alteration to Royal Saloon No 31	3/8" to 1' interior plan of partitions	11.11.10	1910	-	17C	PT	108	-
17179 -4	Diagram Showing Proposed Alteration to Royal Saloon No 31	3/8" to 1' interior plan of partitions with some furnishing	11.11.10	1910	-	17C	PT	108	-
17179 -5	Diagram Showing Proposed Alteration to Royal Saloon No 31	3/8" to 1' interior plan of partitions	12.11.10	1910	-	17C	PT	108	-
17186	Diagram of First Class Saloon No 48	3/8" to 1' plan of interior of 50' body	1.12.10	1910	X65	20C	PT	7	-
17187 -3	Proposed Directors Saloon	3/8" to 1' plan of interior of 50' body	2.12.10	1910	-	-	PT	7	-
17187	Proposed Directors Saloon	3/8" to 1' of interior arrangement of 50' saloon	1.12.10	1910	-	-	PT	16	-
17187 -1	Proposed Directors Saloon	3/8" to 1' interior arrangement of 50' saloon	1.12.10	1910	-	-	PT	16	-
17187 -2	Proposed Directors Saloon	3/8" to 1' interior arrangement of 50' saloon	1.12.10	1910	-	-	PT	16	-
17193 -8	Proposed Alterations to Royal Saloon No 31	3/8" to 1' plan of interior detail, alterations not specified	22.12.10	1910	-	17C	PT	51	-
17193 -6	Proposed Alteration to Royal Saloon No 31	3/8" to 1' interior plan showing corridor connections	22.12.10	1910	-	17C	PT	115	-
17193 -7	Proposed Alteration to Royal Saloon No 31	3/8" to 1' interior plan showing corridor connections	22.12.10	1910	-	17C	PT	115	-
17194 -3	Proposed Alteration to Royal Saloon No 49	3/8" to 1' interior plan	29.12.10	1910	-	21C	PT	115	-
17194 -4	Proposed Alteration to Royal Saloon No 49	3/8" to 1' interior plan	29.12.10	1910	-	21C	PT	115	-
17194 -5	Proposed Alteration to Royal Saloon No 49	3/8" to 1' interior plan	29.12.10	1910	-	21C	PT	115	-
17195 -5	Proposed Alteration to Royal Saloon No 5	3/8" to 1' interior plan showing corridor connections	22.12.10	1910	-	5C	PT	115	-
17195	Proposed Alteration to Royal Saloon No 5	3/8" to 1' interior plan showing corridor	22.12.10	1910	-	5C	PT	115	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-6	Proposed Alteration to Royal Saloon No 5	connections	22.12.10	1910	-	5C	PT	115	-
17195 -7	Proposed Alteration to Royal Saloon No 5	3/8" to 1' interior plan showing corridor connections	22.12.10	1910	-	5C	PT	115	-
17196	Diagram of Royal Saloon No 49	3/8" to 1' interior plan as existing	28.12.10	1910	-	21C	PT	115	-
17197	Diagram of Royal Saloon No 5	3/8" to 1' interior plan of saloon as existing	21.12.10	1910	-	5C	PT	115	-
17198	Proposed Royal Saloon	3/8" to 1' interior of 50' carriage with corridor connections Endorsed: Kings saloon	27.12.10	1910	-	-	PT	115	-
17198 -1	Proposed Royal Saloon	3/8" to 1' interior of 50' carriage with corridor connections Endorsed: Kings saloon	27.12.10	1910	-	-	PT	115	-
17198 -2	Proposed Royal Saloon	3/8" to 1' interior of 50' carriage with corridor connections Endorsed: Kings saloon altered to Queens saloon 4.1.11	29.12.10	1910	-	-	PT	115	-
17198 -3	Proposed Royal Saloon	3/8" to 1' interior of 50' carriage with corridor connections Endorsed: Kings saloon	29.12.10	1910	-	-	PT	115	-
17199	Proposed Royal Saloon	3/8" to 1' interior of 50' carriage with corridor connections Endorsed: saloon for royal guests	28.12.10	1910	-	-	PT	115	-
17199 -1	Proposed Royal Saloon	3/8" to 1' interior plan of 50' carriage with corridor connections Endorsed: saloon for royal guests	28.12.10	1910	-	-	PT	115	-
17199 -2	Proposed Royal Saloon	3/8" to 1' interior plan of 50' carriage with corridor connections Endorsed: saloon for royal guests	4.1.11	1911	-	-	PT	115	-
17199 -3	Proposed Royal Saloon	3/8" to 1' interior plan of 50' carriage with corridor connections Endorsed: saloon for royal guests	4.1.11	1911	-	-	PT	115	-
17199 -4	Proposed Royal Saloon	3/8" to 1' interior plan of 50' carriage with corridor connections Endorsed: saloon for royal guests	4.1.11	1911	-	-	PT	115	-
17199	Proposed Royal Saloon	3/8" to 1' interior plan of 50' carriage with corridor connections	29.12.10	1910	-	-	PT	115	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-5		Endorsed: saloon for royal guests							
17200	Proposed Royal Saloon	3/8" to 1' interior plan of 50' carriage with corridor connections Endorsed: Queens saloon	28.12.10	1910	-	-	PT	115	-
17200 -1	Proposed Royal Saloon	3/8" to 1' interior plan of 50' carriage with corridor connections Endorsed: Queens saloon	28.12.10	1910	-	-	PT	115	-
17200 -2	Proposed Royal Saloon	3/8" to 1' interior plan of 50' carriage with corridor connections Endorsed: Queens saloon	29.12.10	1910	-	-	PT	115	-
17201	Six Wheels Coupled Bogie Express Engines Type B12 Classes S69 Framing Arrangement	1½" to 1' elevations, section and plan Endorsed: for alteration to outside framing for engines with 5'6" diameter boilers see Dg No 30390; altered 5.34 Supplementary Dg No 9234B	- .9.31	1931	S69	B12/3	PT	17	-
17201 Part	Outline of Framing-Six Wheels Coupled Express Engines S69 Class	1½" to 1' side elevation	9.5.11	1911	S69	B12	PT	70	-
17201	Six Wheels Coupled Bogie Express Engines Type B12 Class S69-Framing Arrangement	1½" to 1' arrangement of framing with outline of wheels Endorsed: altered 4.33 and 5.34	- .9.31	1931	S69	B12	PT	172	-
17202	Six Wheels Coupled Bogie Express Engines Class S69 Type B12-Bogie Arrangement	3" to 1' elevations, sections and plan of 6'6" wheelbase bogie Endorsed: altered 18.7.34 and 5.39	- .6.11	1911	S69	B12	PT	-	-
17215	Six Wheels Coupled Bogie Express Engine-Cylinders	3" to 1' detailed elevations, plan and sections of cylinders Endorsed: cancelled see Dg No 17223 dated 26.4.11	1.6.10	1910	S69	B12	PT	110	-
17249	Six Wheels Coupled Bogie Express Engines S69 Class Brake Arrangement	1½" to 1' arrangement shown in relation to engine. Endorsed: altered 27.8.31	- .8.11	1911	S69	B12	PT	9	-
17256	Six Wheels Coupled Bogie Express Engines Class S69 Type B12-Spring Arrangement	3" to 1' side elevation and plan of driving wheels spring arrangement Endorsed: see Dg No 17201 for frame	- .8.11	1911	S69	B12	PT	109	-
17259	Six Wheels Coupled Express Engines Class	3" to 1' elevation and plan of motion	- .8.11	1911	S69	B12	PT	70	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17259	S69-Motion Arrangement	3" to 1' elevation and plan of motion	20.8.11	1911	S69	B12	PT	70	-
17260	Six Wheels Coupled Express Engines Class 1500 Type B12-Cab and Splashes	1 ½" to 1' elevations and plan of details of cab and splasher Endorsed: for frame of B12 Type engines built by Messrs. Beyer, Peacock and Co see Dg No 27671 work to blue for these engines 18.4.28; for trailing axleboxes see Dg No 27740; other alterations dated 20.8.20 and 26.5.25	20.8.19	1919	S69	B12	PT	-	-
17260	Six Wheels Coupled Express Engines Class 1500 Type B12-Cab and Splashes	1 ½" to 1' elevations and plan of details of cab and splasher Endorsed: for frame of B12 Type engines built by Messrs. Beyer, Peacock and Co see Dg No 27671 work to blue for these engines 18.4.28; for trailing axleboxes see Dg No 27740; other alterations dated 20.8.20 and 26.5.25	20.8.19	1919	S69	B12	PT	-	-
17298	First Class Saloon R69 Arrangement of Drive for Boyer Speed Recorder	¾" to 1' arrangement of apparatus shown in relation to saloon compartment and 1½" and 6" to 1' details	4.3.12	1912	R69	29C	PT	18	-
17323	Six Wheels Coupled Tank Engines Class C72- Arrangement of Cab	1½" to 1' details of cab and part of bunker Endorsed: coal rails filled in 4.25	6.3.12	1912	C72	J68	PT	63	-
17387	Arrangement and Details of Standard Brake for 10 Ton Wagons	1½" to 1' arrangement of brake with profiled brake blocks and notched rack for 15' and 17' wagons with 3" to 1' details of components	21.2.10	1910	-	-	PT	122	-
17401	Arrangement of Horse Box (Wood Underframe 13'6" Wheelbase) F67 Class	1½" to 1' general arrangement of 20'2" horse box on wood underframe with detail of WH brake, Vacuum pipe and steam heat pipe	19.4.10	1910	F67	28M	PT	173	-
17402	Section Through Body of Horsebox Class F67	1½" to 1' general arrangement of interior of body	19.4.10	1910	F67	28M	PT	72	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17443	Arrangement of Pair Horse Parcels Van D&P364	1 ½" to 1' elevations, sections, plan and inverted plan of 4 wheeled vehicle 10" 1 3/8" length over body	- .5.10	1910	-	-	PT	-	-
17457	Four Wheels Coupled Radial Tank Engines Class P55-Arrangement and Details of	1½" to 1' arrangement and 6" to 1' details	25.7.10	1910	P55	F4	PT	128	-
17467	GER Ipswich-Proposed Improvements	1/500 layout from tunnel to Hadleigh Road, includes extra running lines to East Suffolk Jn, extensive alterations at station and signalling details Copy of Engineer's plan No 34426, Scheme 3 amended dated 14.6.10	18.6.10	1910	-	-	PT	143	-
17476	Wensum Junction-RA Show 1911	66' to 1' layout showing connection from Yarmouth line into Royal Agricultural Show site only Copy of Engineer's plan 30978 dated 11.6.10	- .6.10	1910	-	-	PT	109	-
17486	Arrangement and Details for Wakefield Patent Mechanical Lubricator G58 Class	1½" to 1' arrangement and 6" to 1' details	23.7.10	1910	G58	J17	PT	59	-
17488	Third Class Restaurant Car C68	¾" to 1' general arrangement of 50' body	20.6.10	1910	C68	425C	PT	168	-
17490	Proposed Arrangement of Tubes and Header for Schmidt's Superheater Four	3" to 1' detailed end elevation and section	22.7.10	1910	D56	D15	PT	123	-
17498	Arrangement of Kitchen for Restaurant Cars Y67 Class also A70, S73, L76	¾" to 1' detailed interior elevations and sections of kitchen	9.8.10	1910	Y67 A70 S73 L76	28C 28C 30C 31C	PT	138	-
17499	Arrangement of 34Ft 6Ins Brake Van G68	1" to 1' general arrangement of 34'6" elliptical roofed van body	24.8.10	1910	G68	540C	PT	138	-
17504	Arrangement of 1st Class Main Line Carriage	¾" to 1' general arrangement of 50' corridor body with 6 compartments and lavatory	16.7.17	1917	-	122C	PT	168	-
17506	Bogie Corridor Composite Carriage A, F, X68, E71	¾" to 1' general arrangement of 50' corridor body with 5 compartments, luggage compartment and lavatory	10.2.10	1910	A68 F68 X68 E71	235C	PT	168	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17512	Six Wheels Coupled Tank Engines (Condensers) Arrangement of Plates for Preserving Paint on Tank Sides	1½" to 1' half view of tank	- .8.10	1910	-	-	PT	74	-
17529	Four Wheels Coupled Bogie Express Engines D56 Class Smokebox for Engines with Schmidt Superheater	3" to 1' elevations of smokebox Endorsed: modified 21.12.21	- .11.10	1910	D56	D15	PT	56	-
17541	Four Wheels Coupled Bogie Express Engines Class D56-Smokebox Arrangement for 'Swindon' (GWR) Superheater	3" to 1' arrangement and details of smokebox Endorsed: For other dimensions of smokebox see Dg 14927	- .2.11	1911	D56	D15	PT	79	-
17550	GER Liverpool Street Station-Proposed Extension of Platform 5	1/16" to 1' plan of platforms Nos 1 to 6 to West Signal Box Copy of Engineer's plan No 30004 dated 19.8.10	2.9.10	1910	-	-	PT	120	-
17551	Liverpool Street Station-Proposed Extension of Platforms 13, 14, 15, 17, and 18	1" to 16' plan of platform ends and approaches Endorsed: altered 10.11.10 Copy of Engineer's plan No 30998 dated 18.8.10	18.8.10	1910	-	-	PT	110	-
17565	1ft 0½in Destination Board and Bracket	3" and 6" to 1' details and arrangement of board 3' by 1'0½" deep and smokebox door bracket	7.2.25	1925	-	-	PT	143	-
17591	Arrangement of 1st Class Bogie Suburban Carriage	¾" to 1' general arrangement of 54' 8 compartment body	25.11.10	1910	Y68	104C	PT	170	-
17592	Arrangement of 1st & 2nd Class Composite Suburban Carriage	¾" to 1' arrangement of 54' 9 compartment body and 1/8" to 1' diagram of train formation	18.11.10	1910	B69	237C	PT	168	-
17593	Arrangement of Bogie Suburban 2nd Class Carriage	¾" to 1' general arrangement of 54' 10 compartment body	4.11.10	1910	A69	300C	PT	168	-
17594	Arrangement of 3rd Class Bogie Suburban Carriage	¾" to 1' general arrangement of 54' 10 compartment body	23.11.10	1910	L70	428C	PT	168	-
17595	Arrangement of Bogie Brake Third Class Suburban Carriage	¾" to 1' general arrangement of 54' 7 compartment body	22.11.10	1910	D64	542C	PT	168	-
17600	Arrangement of 1st and 3rd Class Composite Suburban Carriage	¾" to 1' general arrangement of 54' 9 compartment body	29.12.10	1910	C69	236C	PT	168	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17601 Ren	Boiler Arrangement Engines F4, F5 and F6	1½" to 1' arrangement of boiler with 6" to 1' scale of joints	12.11.45	1945	-	F4 F5 F6	PT	117	-
17601	Four Wheels Coupled Radial Tank Engines Class G69-Boiler	1½" to 1' arrangement of boiler with full size details of riveted joints Endorsed: see Dg No 17601-1 renewal 11.45	- .1.20	1920	G69	F6	PT	122	-
17601 -1	Four Wheels Coupled Radial Tank Engines Class G69-Boiler	1½" to 1' arrangement of boiler with full size details of riveted joints Endorsed: see renewal Dg No 17601 11.45 My comment: tracing, damaged part of title missing, numerous amendments	- .1.20	1920	G69	F6	PT	122	-
17604	Four Wheels Coupled Tank Engines Class G69-Ashpan	3" to 1' arrangement and details Endorsed: altered to red 29.7.30; see Dg No 26384 for Group standard bars	6.2.11	1911	G69	F6	PT	116	-
17609 Ren	Engines Type F5 and 6-Driving Axlebox	Full size elevations and plan F6	23.7.36	1936	-	F4 F5	PT	116	-
17625	Diagram of Bogie Suburban Train	1/16" to 1' diagram of 8 coach bogie train of 54' stock	14.12.10	1910	-	-	PT	75	-
17633	Four Wheels Coupled Tank Engines Class G69-Cab, Tanks and Coal Bunker	1½" to 1' elevations and plan Endorsed: coal rails filled in 3.4.25; altered 11.34	19.1.11	1911	G69	F6	PT	74	-
17639	Proposed Machinery Float to Carry 7 Tons	1" to 1' outline elevations of 4 wheel vehicle 15'7" inside	11.1.11	1911	-	-	PT	74	-
17642	Four Wheels Coupled Tank Engines Class G69-Arrangement of Condensing Gear	1½" to 1' gear shown in relation to outline elevation and plan of engine	26.1.11	1911	G69	F6	PT	71	-
17651	Proposed Royal Composite	3/8" to 1' interior arrangement of 50' luggage composite with corridor connections	28.12.10	1910	-	-	PT	119	-
17651 -1	Proposed Royal Composite	3/8" to 1' interior arrangement of 50' corridor carriage	4.1.11	1911	-	-	PT	119	-
17652	Proposed Traffic Superintendents Saloon	3/8" to 1' interior arrangement of 50' carriage with corridor connections	27.12.10	1910	-	-	PT	119	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17653	Proposed Brake Third Class Carriage for Royal Train	3/8" to 1' interior arrangement of 3 compartment 50' carriage with corridor connection at brake end only	29.12.10	1910	-	-	PT	119	-
17653 -1	Proposed Brake Third Class Carriage for Royal Train	3/8" to 1' interior arrangement of 50' carriage with corridor connection at	4.1.11	1911	-	-	PT	119	-
17654 -2	Proposed Royal Train	1/8" to 1' interior plan of 7 coach train of 50' stock comprising BT, C, Sn, Sn, Sn, C, BT	15.3.11	1911	-	-	PT	115	-
17654	Proposed Royal Train	1/16" to 1' interior arrangement of 8 coach train with partitions only shown	28.12.10	1910	-	-	PT	119	-
17654 -1	Proposed Royal Train	1/16" to 1' interior arrangement of 7 coach train	29.12.10	1910	-	-	PT	119	-
17654 -2	Proposed Royal Train	1/16" to 1' interior arrangement of 7 coach train	4.1.11	1911	-	-	PT	119	-
17655 -1	Proposed Composite for Royal Train	3/8" to 1' interior arrangement of 50' carriage with corridor connections	29.12.10	1910	-	-	PT	119	-
17655 -2	Proposed Composite for Royal Train	3/8" to 1' interior arrangement of 50' carriage with corridor connections	29.12.10	1910	-	-	PT	119	-
17655 -3	Proposed Composite for Royal Train	3/8" to 1' interior arrangement of 50' carriage with corridor connections	4.1.11.	1911	-	-	PT	119	-
17657	Diagram of Truck for Conveying Concrete Sleepers	3/8" to 1' outline elevations of well wagon with hand crane for loading sleepers	17.1.11	1911	-	-	PT	119	-
17660	Diagram of Covered Carriage Truck Showing End Flap	¾" to 1' outline elevations of 20'3" truck and plan of open flap	20.1.11	1911	-	-	PT	119	-
17681	Arrangement of First Class Saloon R69	¾" to 1' general arrangement of 50' body	14.3.11	1911	R69	29C	PT	106	-
17684	Proposed Arrangement of Horse Ambulance (Dennis Patent) with Falling Cover	¾" to 1' outline general arrangement of single or pair horse 4 wheel vehicle 9'7" over body	15.2.11	1911	-	-	PT	106	-
17685	Four Wheels Coupled Radial Tank Engines Class G69-Rod, Pipe and Clothing Arrangement	1½" to 1' detailed elevations and plan	17.3.11	1911	G69	F6	PT	71	-
17689	Diagram Showing Proposed Horse Ambulance Loaded on 20Ft Carriage Truck	1" to 1' outline end elevation of truck and ambulance exceeding gauge	20.2.11	1911	-	-	PT	103	-
		1/8" to 1' diagram of 8 carriage train							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17703	ECJS Royal Train (For Day Service)	Endorsed: for engine shown on GN original copy see Dg No 17705 Copy of Doncaster Dg No 804	22.2.11	1911	-	-	PT	8	-
17704	ECJS Royal Train (For Night Service)	1/8" to 1' diagram of 8 carriage train. Endorsed: Copy of Doncaster Dg No 1017 dated 1.11.09	23.2.11	1911	-	-	PT	8	-
17707	Diagrams of Six Wheels Coupled Bogie Express Engines Showing Wheelbase	½" to 1' wheelbase diagram	25.2.11	1911	-	-	PT	114	-
17713	Arrangement of Underframe for First Class Saloon R69	1½" to 1' arrangement of wood underframe and brake Endorsed: drawgear superseded see Dg No 19372 4.6.14	10.5.11	1911	R69	29C	PT	118	-
17713 Part	Arrangement of Underframe for First Class Saloon R69	1½" to 1' outline arrangement of frame Endorsed: copy sent to Messrs. J. Stone & Co. for arrangement of electric light	10.3.11	1911	R69	29C	PT	118	-
17715	Arrangement of Tables on Proposed New Weighbridge	1/3" to 1' section showing spacing of tables	13.3.11	1911	-	-	PT	119	-
17716	Diagram of Third Class Restaurant Car	3/8" to 1' interior plan of open 50' carriage, 36 seats	13.3.11	1911	-	-	PT	53	-
17716 -1	Diagram of Proposed Third Class Restaurant Car	3/8" to 1' interior plan of 50' open carriage to seat 36 Endorsed: this plan agreed upon as altered in red and to be regarded as future standard see letter from Mr Hyde dated 14.3.11	13.3.11	1911	-	-	PT	119	-
17718	Proposed Royal Train	1/8" to 1' plan of 8 coach train 50' stock BT, C, Sn, Sn, Sn, Sn, C, BT My comment: no indication whether any are existing royal vehicles	15.3.11	1911	-	-	PT	127	-
17719	Proposed Royal Train	1/8" to 1' plan of 8 coach train 50' stock BT, C, Sn, Sn, Sn, Sn, C, BT My comment: no indication whether any are existing royal vehicles	15.3.11	1911	-	-	PT	127	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17722	Diagram of Continental Luggage Box	1½" to 1' outline arrangement of box 11'9" long by 7'3" wide, body 1/16" plate	17.3.11	1911	-	-	PT	1	-
17726	Arrangement of Continental Luggage Boxes	1½" to 1' general arrangement, a development of Dg 17722	3.4.11	1911	LM5648	-	PT	1	-
17727	Arrangement of 7 Ton Float Van D&P918	1½" to 1' general arrangement of 4 wheeled van, body length 15'10"	11.4.11	1911	D&P 918	-	PT	1	-
17733	Arrangement of Low One Horse Lorry D&P921	1½" to 1' general arrangement of 4 wheel lorry 14'2" over body to carry 2½ tons	7.4.11	1911	D&P 921	-	PT	106	-
17747	Lengthening Bars for 28Ft Turntable Locomotive Department Stratford Works	1", 1½" and 3" to 1', details of bars and as fitted to the turntable	3.4.11	1911	-	-	PT	40	-
17748	Diagram of Proposed Bogie Train for Loughton Service (Standard Formation)	1/16" to 1' plan of 8 coach train comprising BT, T, F, C, S, S, C, BT. Endorsed: made from diagram No 17083-14; superseded for standard formation see Dg No 22019 dated 25.3.15	4.4.11	1911	-	-	PT	62	-
17749	Diagram of Proposed Bogie Train for Loughton Service (Special Formation)	1/16" to 1' plan of 8 coach train comprising BT, C, F, C, S, C, C, BT Endorsed: made from diagram No 17083-14	4.4.11	1911	-	-	PT	62	-
17760	Map of System	¼" to 1 mile showing GER and Joint lines with stations	7.4.11	1911	-	-	PT	108	-
17762	GER Diagram of Gradients	½" to 1 mile horizontal scale of Colne Valley Railway	12.4.11	1911	-	-	PT	59	-
17764	Diagram of Four Wheels Coupled Bogie Express Engine Class D56 under GER	½" to 1' front elevation of engine with gauge	12.4.11	1911	D56	D15	PT	25	-
17770	Diagram of Proposed Royal Train	¼" to 1' of interiors of Kings saloon, saloon for Royal guests, composite and brake third, all 50' stock with corridor connections except in guards compartment	19.4.11	1911	-	-	PT	25	-
17770 Part	Alternative to Dg No 17770-Kings saloon, saloon for Royal guests and Composite	¼" to 1' interiors of saloons	19.4.11	1911	-	-	PT	25	-
17770 Part	(Alternative to Dg No 17770)	¼" to 1' interiors of brake third, composite and Queens saloon, with indication that	19.4.11	1911	-	-	PT	25	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17770 Part	Alternative Plan of HM the Queen's Saloon	¼" to 1' interior of 50' saloon	19.4.11	1911	-	-	PT	25	-
17781	Four Wheels Coupled Bogie Express Engines D56 Class-Diagram Showing Position of Cylinders and Cranks	¾" to 1' outline sectional elevation of engine and plan of cranks	- .3.11	1911	D56	D15	PT	40	-
17791 -3	Diagram of Proposed Elephant Van	¾" to 1' outline general arrangement of body, length 21' with end doors, reinforced	8.8.11	1911	-	-	PT	15	-
17791 -1	Diagram of Proposed Elephant Van	¾" to 1' outline elevations of van with grooms compartment, 19'6½" body My comment: not as built	18.5.11	1911	-	-	PT	58	-
17791	Diagram of Proposed Elephant Van	¾" to 1' outline elevations of 19'6½" van with single side door 13'6" WB	13.5.11	1911	-	-	PT	120	-
17791 -2	Diagram of Proposed Elephant Van	¾" to 1' outline side and sectional end elevations of 19'6½" van with end loading doors My comment: single central side door, not as built	10.6.1	1911	-	-	PT	124	-
17799	Arrangement of Third Class Restaurant Car	¾" to 1' general arrangement of body and interior	31.5.11	1911	Y69	427C	PT	64	-
17800	Diagrams of Heaviest Classes of Express, Tank and Coal Engines	1/8" to 1' diagrams of 7 classes of GE engines	- .9.11	1911	-	-	PT	116	-
17804	Feed Water Pipe Connection	1½" to 1' arrangement in relation to part of tender Copy of NER Gateshead plan No 7278-18 dated 19.5.09	23.5.11	1911	-	-	PT	56	-
17805	Arrangement of 65' Engine Turntable	1½" and 1" to 1' general arrangement of turntable and footings	- .6.11	1911	-	-	PT	73	-
17839	Bogie Suburban Train Loughton Service- Diagrams and Instructions for the Working of Couplings	3 pairs of unscaled side elevations with written instructions showing various lengths of couplings in working position and ready for coupling	- .7.11	1911	-	-	PT	177	-
17845	Arrangement of 54' Steel Underframe with Rubber Buffers	1½" to 1' side elevations and plan	3.11.11	1911	-	-	PT	27	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17850	Whitemoor Yard-General Arrangement	1" to 66' plan showing layout of marshalling yard and engine shed extending from Mill Hill Road to Twenty Feet River Land Agents Office plan, surveyed 9.07, revised 1910 My comment: end of plan damaged, number missing but determined from Shannon card index	8.8.11	1911	-	-	PT	-	-
17860	Casing for Gear to Work Model of Engine 1900	3" to 1' showing details of case and outline of gear beneath	23.8.11	1911	-	-	PT	12	-
17871	Proposed Light Single Horse Van	½" to 1' outline elevations of 4 wheel van, 10' long inside to carry 1¼ tons	31.8.11	1911	-	-	PT	116	-
17873	Arrangement of Electric Lighting and Heating Fittings on Underframe for First	1½" to 1' arrangement with dynamo and accumulator boxes	22.9.11	1911	R69	29C	PT	117	-
17873 -1	Diagram Showing Proposed Writing and Space for Advertising on Box Parcel Carts	¾" to 1' outline side elevations of 6 vehicles showing proposed writing	15.9.11	1911	-	-	PT	172	-
17873 -3	Diagram Showing Proposed Writing and Space for Advertising on Box Parcel Carts	¾" to 1' outline side elevations of 6 vehicles showing proposed writing	26.2.12	1912	-	-	PT	172	-
17875	Plan of First Saloon Showing Arrangement of Seats	¾" to 1' detailed interior plan of 50' saloon	12.9.11	1911	-	-	PT	116	-
17876	Proposed Light Single Horse Van	½" to 1' outline elevations of 4 wheel van, 8'6" long inside to carry 1¼ tons	12.9.11	1911	-	-	PT	116	-
17877	14 Tons Machine Wagon Arranged to Carry General Merchandise Also	½" to 1' outline elevations showing timber body fitted onto truck with central side door and one hinged end	19.9.11	1911	-	-	PT	118	-
17879	Plan of First Class Saloon Showing Original Arrangement of Seats	¾" to 1' detailed interior plan of 50' saloon 8'9" wide	18.9.11	1911	-	-	PT	116	-
17898	Norwich Thorpe	1 chain to 1" plan of buildings and layout of goods and passenger stations, engine shed and Crown Point Royal Agricultural Show temporary station My comment: no siding to Lawrence, Scott & Co	- .3.11	1911	-	-	PT	66	-
17905	Arrangement of Underframes for Open &	1½" to 1' arrangement of 20'11" channel	4.12.11	1910	D71	7M	PT	171	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17905	Covered Trucks D&F71	steel underframe with brake details	4.12.11	1910	F71	10M	PT	171	-
17910	Diagrams of Suburban Brake Carriages showing Maximum Dimensions	¾" to 1' outline elevations of 4 wheel and bogie carriages with dimensions	28.10.11	1911	-	-	PT	111	-
17926	Arrangement of Electric Turning Gear for 65ft Turntable	1½" and 3/8" to 1', details of motor and brick building housing gear and part view of turntable	22.1.12	1912	-	-	PT	2	-
17927	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear	1½" to 1' and full size arrangement of gear against outline of engine	4.12.11	1911	D56	D15	PT	2	-
17929	GER Parkeston New Engine Turntable	1" to 22' plan of scheme to replace 50' table with 65' diameter table westwards	- .11.11	1911	-	-	PT	78	-
17931	First Class Saloon R69 Plan of Amended Arrangement	¾" to 1' detailed interior plan	14.11.11	1911	R69	29C	PT	88	-
17936	Arrangement of One Horse Van D&P1469	1½" to 1' general arrangement of 4 wheeled covered van 8'6" inside length	4.12.11	1911	D&P 1469	-	PT	91	-
17950	Six Wheels Coupled Goods Engines Class B70 (Y14 Class) Arrangement and Details of	1½" to 1' and full size shown in relation to J15 class engine.	- .5.11	1911	B70	J15	PT	14	-
17954	GER Diagram of Gradients of Foreign Lines over which GER Cos. Trains Run	½" to 1 mile horizontal scale: Victoria Park-Acton, Junction Road Gunnersbury, Bolsover-Annesley, Duckmanton East-Duckmanton South Junctions Copy of Engineer's Plan No A15645 dated 21.11.11	7.12.11	1911	-	-	PT	141	-
17969	TSS St. Petersburg-Arrangement of Main Manoeuvring Valves Showing Blenkinsop's Patent Manoeuvring Gear	1" to 1' elevations and sections Copy of John Brown & Co drawing dated 19.12.11	23.12.11	1911	-	-	PT	33	-
17973	G.A. of Portable Petrol Motor Fire Pump	1½" to 1' outline general arrangement of hand hauled fire pump 10' long Endorsed: traced from Dennis Brothers drawing 1110A of 2.1.12 My comment: for Temple Mills, now part of National Collection	4.1.12	1912	-	-	PT	106	-
17974	Diagram Officers Saloon No 48	1/8" to 1' side elevation and plan and ½" to 1' end profile	- .1.12	1912	-	20C			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17975	Diagram Royal Saloon No 31	Endorsed: revised 10.16; this diagram cancels diagram 14566 1/8" to 1' side elevation and plan and ½" to 1' end profile Endorsed: this diagram cancels diagram No 14577	- .1.12	1912	-	17C	PT	85	-
17976	Diagram of Restaurant Car No 11	1/8" to 1' side elevation and plan and ½" to 1' end profile	- .1.12	1912	-	9C	PT	85	-
17980	Diagram of Suburban Carriage Showing Leading Dimensions	¾" to 1' outline elevations of 54' carriage	9.1.12	1912	-	-	PT	73	-
17982	Diagram Showing Height of Lights on Bogie and Four Wheel Suburban Stock	¾" to 1' outline profiles showing interior heights and lights	9.1.12	1912	-	-	PT	85	-
17985	Diagram Family Saloon No 4	1/8" to 1' side elevation and plan and ½" to 1' end profile Endorsed: this diagram cancels diagram No 14570	- .1.12	1912	-	4C			
17986	Diagram Saloon No 10	1/8" to 1' side elevation and plan and ½" to 1' end profile Endorsed: this diagram cancels diagram No 14573 My comment: drawing shows No 10 in final form before conversion to enginemens instruction coach	- .1.12	1912	-	8C	PT	85	-
18000 Part	East London Electrification-Trip Cocks on Locomotives-Proposed Method of Warning	1½" to 1' outline front elevation of engine and plan showing arrangement of warning	- .2.12	1912	-	-	PT	52	-
18000	East London Railway Electrification-Trip Cocks on Engines-Proposed Method of Warning Driver of Places where it is Necessary to Raise or Lower Trip Cock Levers	1½" to 1' detailed arrangement of apparatus as fitted to 2-4-2T engines	26.1.12	1912	-	-	PT	73	-
18021	Six Wheels Coupled Goods Engines Class E72 (J19) Framing	1½" to 1' elevations and plan of framing Endorsed: altered 30.6.16; for alterations to frame to suit cylinders Dg No 29864 see Attachment to this drawing	14.8.12	1912	E72	J19	PT	18	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18025	Six Wheels Coupled Coal Engines Class E72 (A81 Robinson Superheater) fitted with Schmidt Superheater Smokebox	3" to 1' sectional elevation and plan of smokebox Endorsed: work to red for A81 2.9.20	20.8.12	1912	E72	J19	PT	18	-
18029	Six Wheels Coupled Goods Engines E72 Class-J19/2, J20-Arrangement of Motion	3" to 1' arrangement of motion and some detail of cylinders	25.9.12	1912	E72	J19/2 J20	PT	54	-
18031	Six Wheels Coupled Goods Engines Class E72-Cab	1 1/2" to 1' elevations and plan of cab Endorsed: roof angle added 20.9.20	16.8.12	1912	E72	J18	PT	3	-
18032	Six wheels Coupled Superheater Coal Engines Class E72 (J18 & 19)-Rod, Pipe, Clothing and Lubricating Arrangement	1 1/2" to 1' elevations and plans Endorsed: altered 29.10.25 and 20.6.39	- .9.12	1912	E72	J18 J19	PT	3	-
18047	Arrangement of Bearing Spring Gear for Centre Wheels of Six Wheeled Carriages	3" to 1' of 9 plate bearing spring	13.4.12	1912	-	-	PT	31	-
18057	Suburban Bogie Carriages-Diagram of Lamp Irons	1" to 1' outline end elevation of elliptical roof carriage	11.3.12	1912	-	-	PT	31	-
18061	Arrangement of Smoke Troughs for Running Shed	1 1/2" to 1' side elevation and section of shed vents at unnamed location	- .3.12	1912	-	-	PT	107	-
18066	Four Wheels Coupled Bogie Express Engines with Superheater, Cylinders with Piston Valves	3" to 1' detailed elevations and sections of cylinders with schedule of drawings of components	- .4.12	1912	S46	D15	PT	138	-
18090	Liverpool Street Proposed Renewal of Traverser	Details of traverser and location between platforms 9 and 10 Endorsed: altered 7.5.12 Copy of Engineer's plan No 34917, formerly 9996S	17.4.12	1912	-	-	PT	7	-
18129	Diagram of 15 Ton NER Covered Goods Wagon	1/4" to 1' outline elevations of 27' 4 wheel goods van	24.5.12	1912	-	-	PT	137	-
18140	Emergency Coupling for Suburban Carriages (Four Wheeled)	Full size arrangement of links	2.7.12	1912	-	-	PT	143	-
18165	Arrangement of Instruction Van for Drivers and Fireman	3/4" to 1' interior elevation and layout of former saloon No 10 and schedule of drawings and equipment to be carried in it	25.6.12	1912	-	8C	PT	61	-
18174	Proposed Method of Marking Covered Goods Wagons Fitted with Vacuum Brake	3/4" to 1' outline side elevation of van showing GE in normal position and a 18" painted 'V' in each outside upper quarter	22.6.12	1912	-	-	PT	61	-
18174-3	Proposed Method of Marking Covered Goods Wagons Fitted with Vacuum Brake	3/4" to 1' outline side elevation of van showing GE in normal position and a 36" 'V' of iron sheet in each outside bottom quarter	9.7.12	1912	-	-	PT	61	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18212	Diagram of Proposed Refrigerator Wagon	½" to 1' side and end elevation of 19' van	4.7.12	1912	-	-	PT	7	-
18241	Liquid Fuel Injector Locomotive Pattern-Holden's Patent	Full size arrangement	- .8.12	1912	-	-	PT	140	-
18248	20 Tons Loco Coal Wagon	1½" to 1' general arrangement of 21' steel bodied wagon	5.9.12	1912	M73	46W	PT	171	-
18249	Proposed Smoking Compartments in New Third Class Carriages for Southend Service	¼" to 1' interior plan of 8 compartment coach with 4 for smokers with all at one end or 2 at each end	15.8.18	1918	-	-	PT	59	-
18250	Proposed Altered Position of Poster Space on Parcels Vans	½" to 1' outline side elevations of 4 wheel parcels vans, poster space 42" by 26", other permanent lettering shown	15.8.12	1912	-	-	PT	59	-
18251	Lettering for Vacuum Braked Covered Goods Wagons	¾" to 1' outline side elevations of 19' and 16' vans with GE and 'V'	21.8.12	1912	-	15W 47W	PT	173	-
18252	L&YR Tank Engines-Diagram Showing Types of Tank Engines	Unscaled wheel diagrams of 53 engines Copy of L&Y drawing dated 16.8.12 retraced by GER 19.8.12, see Mr Hughes letter 22.8.12 My comment: untitled, information taken from Shannon	20.8.12	1912	-	-	PT	145	-
18256	Diagram of Covered Carriage Truck Showing Clearance for Mr Holden's Motor Car	1½" to 1' outline sectional end elevation showing maximum dimensions of car against CCT's 165 and 166 and outline of ordinary trucks	28.8.12	1912	-	-	PT	145	-
18264	Four Wheels Coupled Tank Engines Class F55- Arrangement and Details of Wakefield's Mechanical Lubricator	1½" to 1' arrangement and 3" to 1' details of components	4.9.12	1912	P55	F5	PT	31	-
18266	Six Coupled Bogie Express Engines Class A73 Numberplate	Full size elevation and section of plate 2'0" x 1' x ½" for No 1505 dated 1912	26.9.12	1912	A73	B12	PT	31	-
18268	Diagram of Gradients between Liverpool Street and Norwich	½" to 1 mile horizontal scale	- .9.12	1912	-	-	PT	31	-
18272	N&SWJR-Diagram of Gradients	10 chains to 1" horizontal scale Copy of LNWR Dg No 5237	9.4.10	1910	-	-	PT	24	-
18273	North London Railway-Diagram of Gradients, Sheet No 1	10 chains to 1" horizontal scale Copy of LNWR Divisional Engineers Office plan No 5288 issued 6.10.10 but originally dated 10.85.	16.9.12	1912	-	-	PT	24	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: appears to cover whole system							
18305	GER Elsenham & Thaxted Light Railway-Coal Stage Thaxted	1" to 1' plan of 40'6" long timber stage largely built from secondhand sleepers Copy of Engineers Dg No S560 dated 22.8.12	1.10.12	1912	-	-	PT	26	-
18307	Lifting Tackle as Used to Lift S69 Class Engines in Lifting Shed (Stratford)	1½" to 1' arrangement, used in conjunction with sheer legs, not shown	23.9.12	1912	S69	B12	PT	24	-
18309	Arrangement of Main Line Third Class Carriage Class C73	¾" to 1' general arrangement of 54' 8 compartment non corridor carriage	2.10.13	1913	C73	430C	PT	169	-
18319	20 Ton Goods Brakes Name and Number Plate	Full size plate 1'6" by 5 3/8" deep lettered 'GER 1912-20-Ton Brake' in 7/8" characters and number '1234' size 3"	3.10.12	1912	-	56W	PT	26	-
18320	Profile of GER Carriage Van under Metropolitan Loading Gauge	1" to 1' profile of covered carriage truck showing roof lamp fouling loading gauge	25.10.12	1912	-	39M	PT	30	-
18323	Brighton to Worthing Motor Train	1/8" to 1' diagram of auto train comprising brake 3rd, compo, Class D engine, compo, brake 3rd Copy of LB&SCR Dg No 493 dated 2.3.11	8.10.12	1912	-	-	PT	40	-
18324	London & North Western Railway Auto Train of 4 Coaches (2 on Either Side of Engine) Employed on Earls Court, Willesden and Kew Bridge Service	1/8" to 1' diagram of Motor Train set No 3, carriage Nos 3437, 1049, 1744 and 4036 Copy of LNWR drawing dated 12.1.12	9.10.12	1912	-	-	PT	40	-
18325	Proposed Arrangement of Proposed Steam Motor Car	¼" to 1' diagram of a carriage either side of 0-6-0 engine Copied from Midland Dg No S-895 dated 14.6.07	9.10.12	1912	-	-	PT	40	-
18326	Van Composite Driving Carriage (8 Wheels) as Altered from Ordinary 3rd Class May 1905 for Connection with Passenger Tank Engine	¼" to 1' NER diagram of 52' clerestory Auto Train compartment coach elevations and plan. Copy of NER Dg No 5607	9.10.12	1912	-	-	PT	50	-
18327	Taff Railway Auto Train of Engine and Two Coaches (One on Either Side)	¼" to 1' outline side elevation of 4-4-0T No 1 with two 64' carriages Copy of TVR drawing dated 4.11.09	10.10.12	1912	-	-	PT	179	-
18332	Suggested Type of Auto Train (For Suburban Train Services)	Unscaled diagram of 4 carriages, of 6 wheel 'obsolete stock' converted into twin bogie units with engine in centre	11.10.12	1912	-	-	PT	60	-
18342	Arrangement and Details of Brake Gear in Instruction Van	1" to 1' arrangement and details of demonstration equipment	- .11.12	1912	-	8C	PT	7	-
18358	Diagram of First Class Restaurant Car Proposed	¾" to 1' plan of interior layout of 50' body	21.10.12	1912	-	-	PT	16	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18358	Seating Arrangement	3/8" to 1" plan of interior layout of 50' body.	31.10.12	1912	-	-	PT	16	-
18360	Diagram of Third Class Restaurant Car-Proposed Seating Arrangement	3/8" to 1' interior plan of 50' carriage to seat 42 using smaller seats	31.10.12	1912	-	-	PT	99	-
18361	Diagram of Restaurant Car	3/8" to 1' interior plan of existing 50' 1st carriage to seat 15	2.11.12	1912	-	-	PT	99	-
18367	Diagram of Third Class Restaurant Car-Proposed Seating Arrangement	3/8" to 1' interior plan of 50' carriage to seat 42, seats L&NW pattern	6.11.12	1912	-	-	PT	99	-
18368	Diagram of First Class Restaurant Car Proposed Seating Arrangement Seats L&NWR pattern.	3/8" to 1' plan of interior layout of 50' body.	6.11.12	1912	-	-	PT	16	-
18372	Diagram of First Class Restaurant Car-Proposed Seating Arrangement	3/8" to 1' interior plan of 50' body with three bay seating, separate seats for 18 passengers Endorsed: seats L&NWR pattern (3 extra passengers)	6.11.12	1912	-	-	PT	88	-
18373	Diagram of Third Class Restaurant Car-Proposed Seating Arrangement	3/8" to 1' interior plan of 50' body with separate chairs in 6 bays Endorsed: seats L&NWR pattern	6.11.12	1912	-	-	PT	88	-
18399	Diagram of First Class Restaurant Car Proposed Seating Arrangement	3/8" to 1' interior plan of 50' first/kitchen car	15.11.12	1912	-	-	PT	9	-
18400	Diagram of Third Class Restaurant Car Proposed Seating Arrangement	3/8" to 1' interior plan of 50' coach	15.11.12	1912	-	-	PT	9	-
18410	Midland Railway-Diagram of 3 Tank Engines	1/4" to 1 diagrams of 3 engines Endorsed: diagrams of 3 Midland tank locomotives from MR Dgs No ED77 0-4-4T, No ED102 0-6-0T and ED106 0-6-0T	14.11.12	1912	-	-	PT	20	-
18411	Mishap at Hunstanton-Diagram of Train	1/8" to 1' diagram of train comprising 2-4-2 engine No 101, WH fitted box truck 3186, carriages BT325, C784, B26, C654, C590, C667, C711	19.11.12	1912	-	-	PT	123	-
18418	Great Northern Railway Saddle Tank Engine J13 Class Great Northern Railway Six Wheels Coupled Goods Engine J14 Class	3/16" to 1' outline side elevations with weights and dimensions Endorsed: run regularly to Mint Street over GER	20.11.12	1912	-	-	PT	123	-
18419	Mishap at Hunstanton-Diagram of Train before Detaching Vehicle at Heacham	1/8" to 1' diagram of train, formation as Dg No 18411 but addition of sundry van 2001 as second vehicle	20.11.12	1912	-	-	PT	123	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: accident occurred on 13.11.12							
18425	Untitled	¼" to 1" wheel diagrams of engines, 9 LNWR and 3 NLR Copy of LNWR drawing dated 13.11.12	25.11.12	1912	-	-	PT	123	-
18429	GE Elsenham & Thaxted Light Railway-Diagram Showing Proposed Steps for cars	1" to 1' sectional end elevation of carriage and steps	26.11.12	1912	-	-	PT	123	-
18429 -1	GE Elsenham & Thaxted Light Railway-Diagram Showing Proposed Steps for Cars	1" to 1' sectional end elevation of carriage and steps against 1' high platform	1.1.13	1913	-	-	PT	123	-
18429 -2	GE Elsenham & Thaxted Light Railway-Diagram Showing Proposed Steps for Cars	1" to 1' sectional end elevation of carriage and steps against 1' high platform	17.2.13	1913	-	-	PT	123	-
18430	General Arrangement of Refrigerator Van E73	1½" to 1' general arrangement and interior detail of 19'2" covered van with ice chambers Endorsed: for alteration to ice chambers see Dg No 18839	9.12.12	1912	E73	64W	PT	124	-
18440	Underframe Arrangement of Four Wheeled 20 Tons Goods Brake	1½" to 1' detailed arrangement of 17'6" steel frame showing brake details and weights	14.1.13	1913	-	56W	PT	131	-
18453	Bending Moment Diagram of Six Coupled Coal Engines Class F48 (Diagram 12650-44) Crossing 38Ft Span	¼" to 1" scale diagram	13.9.12	1912	F48	J16	PT	6	-
18457	Arrangement of 14 Ton Machine Truck	1½" to 1' general arrangement of 25'6" wagon My comment: reversed copy negative, not suitable for microfilming	31.1.13	1913	F73	75W	PT	138	-
18459	14 Ton Machine Truck F73 Class-Ironwork Details	3" to 1' details of components Endorsed: brake lever and rack altered to red for C75 and future classes 30.8.13; for drawbar see Dg No 41654	19.4.13	1913	F73	75W	PT	135	-
18461	GER Ipswich-Proposed Additional Goods Accommodation	33' to 1" layout from Princes Street to London Road Copy of Engineers Dg No 31386 dated 5.11.12	14.2.12	1912	-	-	PT	143	-
18462	GER Ipswich Lower Goods Yard-Proposed as a Marshalling Yard	44' to 1" plan of area from wet dock to Princes Street, yard layout reorganised, 6 extra sidings by Orwell, 2 engine tram shed, est £7,000 Copy of Engineer's Plan No 31389 dated 29.11.12	14.2.13	1913	-	-	PT	123	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18473	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Feed Water Heater	1½", 3" and 6" to 1' arrangement shown in relation to outline of engine with enlarged details of components	11.1.13	1913	D56	D15	PT	88	-
18483	Profile of Suburban Carriage and Load Gauge	¾" to 1" dimensioned end profile	10.1.13	1913	-	-	PT	118	-
18495	Great Northern Railway Four Wheels Coupled Bogie Express Passenger Engine Fitted with Schleyders Patent Smoke Consumers	1" to 1' side elevation of Ivatt 4-4-2 engine with apparatus fitted	23.1.13	1913	-	-	PT	18	-
18508	Four Wheels Coupled Shunting Engine Class B74 Type Y4-Boiler	1½" to 1' and half size arrangement of boiler and firebox and details Endorsed: altered 10.32	- .3.13	1913	B74	Y4	PT	28	-
18518	Four Wheels Shunting Tank Engine B74 Class (Y4)-Motion Arrangement	3" to 1' elevations and plan of motion	5.3.13	1913	B74	Y4	PT	139	-
18523	Wheelbase and Weights of Four Coupled Shunting Tank Engine Class B74	½" to 1' scale diagram	21.2.13	1913	B74	Y4	PT	9	-
18524	Four Wheels Coupled Shunting Engine Class B74-Framing Arrangement	1½" to 1' detailed arrangement showing wheels. Endorsed: buffers altered to red 2.11.14	22.6.13	1913	B74	Y4	PT	62	-
18525 Att	Chimney for B77 Class	6" to 1' sectional elevation, height 1'10¼"	15.7.14	1914	B77	Y4	PT	62	-
18531	Four Wheels Coupled Shunting Engines Class B74 (Y4)-Smokebox	3" to 1' sectional side and end elevations of smokebox and upper part of cylinder	1.5.13	1913	B74	Y4	PT	132	-
18539	Four Wheels Coupled Shunting Tank Engine Class B74-Brake Arrangement	1½" to 1' details shown in relation to outline elevation and plans of engine Endorsed: for details see Dg No 18540	7.5.13	1913	B74	Y4	PT	41	-
18541	Four Wheels Coupled Shunting Tank Engine B74 Class-Cab, Tanks and Coal Bunker	1½" to 1' detailed elevations and plan My comment: shows 1'9" wide 4 digit numberplate amended to 1'6½" for 3 digit plate	20.5.13	1913	B74	Y4	PT	71	-
18544	Four Wheels Coupled Shunting Tank Engine Class B74-Y4 Rod, Pipe, Clothing and Injector Arrangement	1½" to 1' elevation and plan	2.6.13	1913	B74	Y4	PT	71	-
18578	Diagram of Norwich Fire Engine Truck-Alterations and Additions Required on New Truck for Ipswich Shown in Red	¾" to 1' outline of 15' truck, showing proposed support for end ramp boards and chequered steel plate floor	4.2.13	1913	-	-	PT	33	-
18585	Diagram of GER Carriage Van No 1911 Under Metropolitan Railway's Loading Gauge	½" to 1' outline side and end elevation of 6 wheeled van Endorsed: all vans from 1888 to 1922 are now altered to this 11.11.14	5.2.13	1913	-	39M	PT	19	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18588	Diagram of Main Line and Wide Suburban Brake Third Class Carriages	½" to 1' outline elevations of Dia 514 and 503 stock with overall dimensions	7.2.13	1913	-	503C 514C	PT	19	-
18590	Arrangement of Pair Horse Lorry D&P2342	1½" to 1' general arrangement 14'2½" length outside, load 5 tons Endorsed: altered 26.10.33	7.4.13	1913	D&P 2342	-	PT	19	-
18592	Arrangement of One Horse Lorry	1½" to 1' general arrangement of 11'8" flat body, 6'9" wheelbase	10.4.13	1913	-	-	PT	138	-
18595	Sketch Showing Method of Filling Tanks of Tank Engines and Tender Tanks for Elsenham & Thaxted Branch	1½" to 1' sectional view of tender tank to which a 5" water raised has been attached, operated from cock on boiler	13.2.13	1913	-	-	PT	49	-
18600	Proposed Arrangement of Collapsible Gates on Bogie Brake Van	¾" to 1' interior plan of 50' brake showing gates separating van from corridor	18.2.13	1913	-	535C	PT	139	-
18601	Sketch Showing Arrangement of Additional V.V.T. Pump and Connections on L.H. Side of Tank Engines Nos 168 and 169 for Elsenham & Thaxted Branch	1½" to 1' part side elevation of engine showing position of pump	19.2.13	1913	S56	J69	PT	77	-
18609	L&NWR Co 45Ft 0Ins Parcels Sorting Van Fitted up as a Pharmacy Coach	¾" to 1' interior and exterior elevations and plan Copy of LNWR Dg 200/10705	21.12.09	1909	-	-	PT	76	-
18610	L&NWR Co. 45 Ft Open Parcels Sorting Van Fitted up as a Travelling Hospital Ward to Accommodate 20 Men-Wolverton Works	¾" to 1' general arrangement of body as converted Copy of LNWR Dg No 200/10384 dated 17.5.09	12.3.13	1913	-	-	PT	64	-
18615	Diagram of Proposed Fish Van for Passenger Train Service	½" to 1' elevations of 32' 6 wheel van	6.3.13	1913	-	-	PT	102	-
18647	Artillery Pattern Wheel for One Horse Lorry	6" to 1' elevation and section of 2'11" diameter wheel, 4 to a set	18.4.13	1913	-	-	PT	32	-
18684	GER Gradients-Marks Tey to Bury	½" to 1 mile horizontal scale	22.4.13	1913	-	-	PT	82	-
18694 Att	Arrangement of Wiring on Engine to work Auto Train	1½" to 1' showing apparatus in relation to outline of engine cab	- .1.16	1916	-	-	PT	111	-
18695	Arrangement of Fire Engine Truck for Ipswich D&P2349	1½" to 1' general arrangement of 15' truck with 2'9" diameter wheels and loading boards Endorsed: for alterations for Cambridge fire engine truck D&P 4657 see Office and Shop Copies 20.12.15; also endorsed 'No 3'	2.5.13	1913	D&P 2349	-	PT	91	-
18697	Diagram of Proposed Bogie Train for Ilford Service (Standard Formation)	1/16" to 1' outline plan of 8 coach train Endorsed: altered 7.5.13	1.5.13	1913	-	-	PT	90	-
18721	East London Railway Electrification- Trip Cocks on Locomotives-Proposed Method of Warning Driver of	1½" to 1' outline end elevation and plan of engine	- 5.13	1913	-	-	PT	108	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18721	Locomotives-Proposed Method of Varying Driver on Places where it is Necessary to Raise or Lower Trip	showing arrangement of gear	4.5.13	1913	-	-	PT	108	-
18725	First Class Seats on Various Railways-Diagram Showing Height of Seat and Depth of Seat Room	1½" to 1' section of seat with schedule of dimensions for several railways; the GER performs well	4.5.13	1913	-	-	PT	108	-
18727	Proposed Re-arrangement of First Class Saloon No 63	3/8" to 1' interior plan of saloon Endorsed: superseded see Dg No 18747	15.5.13	1913	R69	29C	PT	108	-
18737 -I	Proposed Alteration to Refrigerator Vans E73 Class	½" to 1' outline elevations of vans to Dg No 18212 showing internal amendments to ice tank	10.6.13	1913	E73	64W	PT	125	-
18738	Brake Controller Fitted to Eng. No 914	3" to 1' side elevation of controller fitted beneath footplate and front of tender	18.2.18	1918	Y14	J15	PT	125	-
18741	Arrangement of Body for General Van	1" to 1' arrangement of 32' body and interior detail Endorsed: for arrangement of underframe see Dg No 18742	20.6.13	1913	M74	44M	PT	131	-
18742	Arrangement of Underframe for Fish Van M74 Class	1" to 1' arrangement of 6 wheel 31'10½" wood frame showing dual brake details My comment: underframe used for general van to Dg No 18741	17.6.13	1913	M74	44M	PT	131	-
18747	Plan of First Class Saloon No 63	3/8" to 1' interior plan	31.5.13	1913	R69	29C	PT	66	-
18748	Proposed Rearrangment of First Class Saloon No 63	3/8" to 1' interior plan. Endorsed: this Dg supersedes No 18747	31.5.13	1913	R69	29C	PT	66	-
18758	Sketch of Proposed Locomotive Accommodation at Ely	½" to 1' elevations and plan of single storey brick building	3.6.13	1913	-	-	PT	20	-
18760	Gradients for Proposed Tube	1 to 660 horizontal scale, ¼" to 1' horizontal; location not revealed	9.6.13	1913	-	-	PT	20	-
18763	Gradients for Proposed Tube	1 to 660 horizontal scale, ¼" to 1' horizontal; location not revealed							
18761	Daily News and Leader Special Non-Stop Excursion from Liverpool Street to Cromer, West Runton and Sheringham, Saturday 28 June Diagram of Seating	¼" to 1' plan of 14 coach 3rd class train, each seat numbered	6.6.13	1913	-	-	PT	55	-
18762	Daily News Leader Excursion to Cromer June 28th 1913 Key Plan of Seats	¼" to 1' numbered seating plan	9.6.13	1913	-	-	PT	20	-
18764	Diagrams Showing Wheelbase of Loaded Weights of British Locomotives	1/8" to 1' diagrams of 8 locomotives	10.6.13	1913	-	-	PT	20	-
18773	Drivers Control Valve for Auto Train Gear	Full size elevations and plan	18.6.13	1913	-	-	PT	21	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18775	Electric Contact Box for Auto Train Gear	Full size elevations and plan of box	19.6.13	1913	-	-	PT	19	-
18791	Arrangement of Bogie Suburban Composite Carriage T74	¾" to 1' general arrangement of 54' 2nd and 3rd class carriage with diagram of standard formation of train-Ilford service	1.7.13	1913	T74	238C	PT	169	-
18808	Proposed Ambulance Train Diagram of Standard GE Vehicle under SE&CR Loading Gauge.	1½" to 1' profile and gauge.	30.6.13	1913	-	-	PT	14	-
18809	Proposed Ambulance Train Diagram of No 11 Restaurant Car under SE&CR Loading Gauge	1½" to 1' profile and gauge	30.6.13	1913	-	-	PT	14	-
18810	Diagram of Ambulance Train No 3	1/8" to 1' plan and outline elevation of train and plan before alteration Endorsed: superseded by Dg No 21354; further addition to train 12.14 see Part Tracing same number 18810; this tracing made 12.14 original mislaid	- .8.14	1914	-	-	PT	14	-
18810 Part	(GER Ambulance Train This Carriage Attached to Train December 1914).	1/8" to 1' plan and outline elevation of brake third to Dia 541. Endorsed: superseded by No 21354; 324 Bk 3rd added to Train 12.14, replaced by 370 Bk 3rd 3.15, tracing altered accordingly 6.15	-	1914	-	541C	PT	14	-
18811	50Ft Brake Third Class Carriage Fitted up as Travelling Hospital Ward to Accommodate 20 Men	¾" to 1' general arrangement of body and interior layout and sections showing alterations	- .4.14	1914	-	-	PT	106	-
18812	50Ft Brake Van Arranged as Pharmacy Coach for Ambulance Train	¾" to 1' arrangement of body with internal detail of proposed layout	- .7.13	1913	-	-	PT	117	-
18813	Diagram of Standard 50Ft Carriage as Arranged for Ambulance Train Standing under SE&CR Loading Gauge	1½" to 1' end profile against gauge Endorsed: for SE&CR loading gauge see Dg No 19137 (Bench)	12.5.14	1914	-	-	PT	116	-
18823	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' arrangement and details Endorsed: top feed not required, work to Dg No 23878 for injector delivery pipe for H88 5.9.31	7.7.13	1913	D56	D15	PT	116	-
18832	Metropolitan Railway-Arrangement of Saloon Carriage	½" to 1' elevations and plan of 55'10" saloon Endorsed: traced from Met Rly drawing 6067 dated 8.10.09	8.7.13	1913	-	-	PT	113	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18841	Bogie Trains for Ilford Service-Diagram of Formation	1/16" to 1' plan of 8 coach train and proposed addition of 2nd clas carriage	14.7.14	1914	-	-	PT	58	-
18842	Accident at Colchester 12.7.13-Diagram of 1.00pm Up Cromer Express	1/16" to 1' outline plan of train with carriage numbers and weights	14.7.13	1913	-	-	PT	30	-
18844	Arrangement of Door for Bogie Suburban Third Class Carriage	3" to 1' elevations and section of 1'10" wide door	22.7.13	1913	-	428C	PT	56	-
18858	Diagram of Wagons for Proposed Rail Train at Lowestoft	½" to 1' side elevation of 13' truck to run as 3 truck unit for 45' rails and 2 trucks for 30' rails	30.7.13	1913	-	-	PT	19	-
18859	Proposed Rail Train for Lowestoft-Sketch of Wagon with Sunk Bolster	1½" to 1' outline general arrangement of 13' wagon. My comment: not carried out in this form	30.7.13	1913	-	-	PT	58	-
18870	Restriction Plate for Machine Trucks	Full size plan of plate 10½" by 4 3/8" lettered 'Not to be Loaded via the NER beyond York' Endorsed: for 25 ton machine trucks and 14 ton machine trucks prior to C75	9.8.13	1913	-	-	PT	19	-
18873	Diagram of Loaded 1500 Class Engine Balanced on 65Ft Turntable	¼" to 1' outline side elevation of engine positioned on table	- .8.13	1913	-	-	PT	88	-
18901	10 Ton High Sided Wagons-Stiffening Plate for Wagons Fitted with McCords Bearing Spring	Full size arrangement of angled plate bolted to outside of solebar by the crown plate bolts	21.8.13	1913	-	-	PT-C	173	-
18917	Six Wheels Coupled Goods Engines Class F48-Arrangement of Hydraulic Reversing Gear	1½" to 1" arrangement shown in relation to outline of engine	21.10.13	1913	F48	J16	PT	32	-
18927	Diagram of Proposed 13ft Bolster Wagon	½" to 1' outline elevation and plan Endorsed: for Lowestoft Rail Train, 3 wagons to carry 45' rails, 2 to carry 30' rails	18.9.13	1913	-	-	PT	1	-
18931	Proposed Arrangement of Gas Fittings on 50Ft Steel Underframe	1" to 1' outline of underframe showing position of gas cylinders, regulators and buffing gear	26.9.13	1913	-	-	PT	125	-
18933	Arrangement of Continental Wagon B75	1½" to 1' general arrangement of 22'10" open wagon	14.10.13	1913	B75	69W	PT	122	-
18937	Sketch Showing Arrangement of End Carriage to Suit Widened Gangway	1½" to 1' elevations showing 2'7" end doorway	1.10.13	1913	-	-	PT	120	-
18940	Six Wheels Coupled Goods Tank Engines Class G75-Cab, Tanks and Coal Bunker	1½" to 1' detailed arrangement. Endorsed: bunker rails filled in 3.4.25	27.10.13	1913	G75	J68	PT	52	-
18954	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire-Arrangement of Tubing for Pyrometer	1½" and 3" to 1' and full size arrangement shown on part side elevation of engine with detail of clips	22.10.13	1913	T19	D13	PT	32	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18959	Arrangement of Pair Horse Van D&P2803	1½" to 1' general arrangement of 4 wheel open top van 11'9½" outside	10.11.13	1913	D&P 2803	-	PT	74	-
18961	Chimneys for All Classes	3" to 1' elevations and plans of 3 types of chimneys with schedule of dimensions for various classes	24.10.13	1913	-	-	PT	97	-
18970	Proposed Method of Converting Four Wheel Vehicles into Bogie Vehicles	1" to 1' outline side elevation and plan of proposed brake 3rd carriage using existing frames My comment: not carried out in this way	18.11.13	1913	-	-	PT	109	-
18976	Proposed Design of Body for 20 Ton Coal Wagons	¾" to 1' outline elevations of 21'6" steel open wagon similar to Dia 46W	11.11.13	1913	-	-	PT	82	-
18977	Sketch Showing Brake Pins on Wagons Fouling Gauge	1" to 1' part side elevations of 6 P.O. wagons showing brake lever rack and trailing pins	7.11.13	1913	-	-	PT	82	-
18979	Proposed Alteration of Body for 20 Ton Coal Wagons	¾" to 1' outline elevations and plan of 21'6" steel bodied wagon My comment: alterations to Dia 46 stock not defined	11.11.13	1913	-	-	PT	92	-
18980	Arrangement of One Horse Van D&P 2805	1½" to 1' general arrangement of 4 wheeled covered van 9' inside, to carry 2½ tons Endorsed: altered to double brake Dg 29892 4.31	8.12.13	1913	D&P 2805	-	PT	86	-
18980	Arrangement of One Horse Van D&P2805	1½" to 1' general arrangement of 4 wheeled covered van length inside 9'	- .7.19	1919	D&P 2805	-	PT	91	-
18985	Brake Block for Road Vehicle	Full size arrangement and explanation	11.11.13	1913	-	-	PT	95	-
18989	Proposed Twin Bogie Vehicles for Bogie Suburban Trains Ilford Service	3/8" to 1' outline side elevation of two 54' articulated carriages	11.11.13	1913	-	-	PT	87	-
18992	Proposed Conversion of Six Wheeled Carriages into Twin Bogie Carriage	3/8" to 1' outline side elevation of 2 x 34'6" carriages mounted on 8' wheelbase bogies, 1'4" gap between bodies	11.11.13	1913	-	-	PT	137	-
18993	Diagram of Twin Bogie Train (Ilford Service) with 8Ft Bogie Wheelbase and 29Ft Inside Wheel Centres	1/16" to 1' outline side elevation of 10 coach train with 45' bodies	2.11.13	1913	-	-	PT	126	-
18995	Diagram of Twin Bogie Train (Ilford Service) with 10Ft 0Ins Bogie Wheelbase and 29Ft 0Ins Inside Wheel Centres	1/16" to 1' outline side elevation of 9 coach train of 4 sets of twins with centre 1st, capacity 842 seats	15.11.13	1913	-	-	PT	175	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18997	Method of Converting Four Wheeled Vehicles into Bogie Vehicles-New Standard Underframe and Bogies	1" to 1' outline side elevation of underframe with two 27' bodies and details of panelling at the central joint	18.11.13	1913	-	-	PT	175	-
19000	Telescoping-Preventative Attachment for Railway Vehicles-Diagram Showing 'Attachment' Fitted on Main Line Third Class Carriage and Suburban Bogie Carriage	1½" to 1' sectional elevations showing substantial cast iron fittings to strengthen body ends	18.11.13	1913	-	-	PT	140	-
19005	Six Wheels Coupled Bogie Express Engines Class 1500-Number and Pressure Plates for Boilers	Full size plate 5¼" x 3 3/8"	19.5.14	1914	S69	B12	PT	122	-
19005	Number and Pressure Plates for Boilers	Full size arrangement of 4 elliptical plates 5¼" x 3½"	13.1.14	1914	-	-	PT	125	-
19010	Alteration of Four Wheeled Suburban Stock to Bogie Stock-Proposal to Maintain Buffers if Bogies are Placed under Each Pair of Ends	3" to 1' sectional side elevation and plan of frame showing buffers and a centre coupler, articulation implied	27.11.13	1913	-	-	PT	175	-
19012	Diagram of Motor Bus Body	1" to 1' general arrangement of double deck body, 16 inside, 20 outside	27.11.13	1913	-	-	PT	9	-
19019	Diagram of 17Ft High Side Wagon with Proposed Sheet Tilt	1" to 1' outline of 7 plank wagon with underside of tilt bar 2'0¼" above top of body and two alternative positions of end hand rails and step Endorsed: prepared in accordance with Min 41 of District Goods Managers meeting 4.11.13	- .12.13	1913	-	-	PT	80	-
19023	Six Wheels Coupled Bogie Express Engines S69 Class-Snifting Valve and Connection to Header	Full size arrangement with several amendments Endorsed: for snifting valve for 1500 Class see Dg No 22333	6.12.13	1913	S69	B12	PT	126	-
19029	Plan Showing Position of House for Turning Gear 60Ft Turntable Liverpool Street	3/8" to 1' plan of foundation of table and house	- .12.13	1913	-	-	PT	126	-
19050	Diagram of Wheelbase and Weights of Proposed Four Wheels Coupled Radial Tank Engine	½" to 1', wheelbase 23', 5'4" driving wheels, 3'9" trailing	29.12.13	1913	-	-	PT	34	-
19052	Protection Plate for Large Tenders & S23 Class Tenders with T26 Class Engines	1½" to 1' of protection plates	16.1.14	1914	S23	-	PT	74	-
19056	Diagram of Proposed First Class Restaurant and Kitchen Car	3/8" to 1' interior plan of 54' body	1.1.13	1913	-	-	PT	29	-
19056 -2	Diagram of Proposed First Class Restaurant and Kitchen Car	3/8" to 1' interior plan of 54' coach to seat 20	8.1.14	1914	-	-	PT	74	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19056-3	Diagram of Proposed First Class Restaurant and Kitchen Car	3/8" to 1' interior plan of 54' coach to seat 18	8.1.14	1914	-	-	PT	74	-
19061	Sketch Showing Handles on Main Line Brake Vans	3/4" to 1' side elevation of guards end of bogie brake showing guards door handle lengthened by 6" to bottom of panel	5.1.14	1914	-	-	PT	30	-
19064	Diagram of Proposed Six Wheels Coupled Radial Tank Engine Fitted with Superheater	1" to 1' outline side elevation of 0-6-2T engine 4'10" wheels and 23'10" over buffers	- .1.14	1914	-	-	PT	74	-
19069-1	Diagram of Proposed Third Class Restaurant Car	3/8" to 1' plan of 54' body with 39 seats for attachment to kitchen car	15.1.14	1914	-	-	PT	49	-
19069	Diagram of Proposed Third Class Restaurant Car	3/8" to 1' interior plan of 54' open saloon carriage to seat 42 Endorsed: this proposal agreed to 16.1.14	14.1.14	1914	-	-	PT	118	-
19076	Arrangement of 1 Horse Express Express Parcel Van	1 1/2" to 1' general arrangement of 4 wheeled van, 8' long body. Endorsed: D&P 3051 to carry 1 ton	13.3.14	1914	D&P 3051	-	PT	63	-
19078	Diagram of No 40 Kitchen Car Showing Heaters	3/8" to 1' interior plan of 56' 6" by 8'6" wide carriage. My comment: GER style layout but not built	15.1.14	1914	-	-	PT	60	-
19079	Diagram of No 60 Kitchen Car Showing Heaters	3/8" to 1' interior plan of 50' by 8'9" with kitchen at one end. My comment: GER style layout but not built	15.1.14	1914	-	-	PT	60	-
19082	Arrangement and Details of Hand Brake and Stepboards for No 9 Tramway Luggage Van for use on ~~Fleetham & Thaxted Light Railway~~	1" to 1' arrangement of brake gear on outline of van with 3" to 1' details of brake components	23.1.14	1914	Y16	604C	PT	106	-
19083	Proposed Four Wheels Coupled Bogie Express Engine	1" to 1' outline side elevation of 4-4-0 engine, 5'0" diameter boiler, 25' wheelbase	24.1.14	1914	-	-	PT	34	-
19086	Six Wheels Coupled Goods Engine Class E72- Arrangement of Pipes for Weir Pump and Feed ~~Water Heater~~	1 1/2" to 1' plan of equipment show on outline of engine	6.3.14	1914	E72	J18	PT	120	-
19100	Diagram of Wheelbase and Estimated Weights of Proposed Six Wheels Coupled Radial Tank Engine	1/2" to 1' wheel diagram of engine 34'10" over buffers	- .1.14	1914	-	-	PT	120	-
19100	Diagram of Wheelbase and Estimated Weights of Proposed Six Wheels Coupled Radial Tank Engine	1/2" to 1' diagram of wheelbase only	- .1.14	1914	-	-	PT	176	-
19101	Diagram of Bogie Train for Ilford Service (Standard Formation)	1/16" to 1' diagram of 8 coach train of 54' stock with extra 2nd	22.1.14	1914	-	-	PT	120	-
19106	Arrangement of Lamp Irons, Treads, etc. on Ends of Main Line Vehicles Standard Gangway	1 1/2" to 1' detailed end elevations of elliptical stock	29.1.14	1914	-	-	PT	69	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19107	Four Wheels Coupled Tank Engines Class G69- Arrangement of Pipes for the Weir Feed Water Heater and Pipe	1½" to 1' shown mounted on front of tank of outline 2-4-2 engine	6.3.14	1914	G69	F6	PT	69	-
19110	Diagrams Showing Wheelbase and Loaded Weights of British Tank Locomotives	1/8" to 1' wheel diagrams of 19 engines of various companies	30.1.14	1914	-	-	PT	69	-
19110 -1	Diagrams Showing Wheelbase and Loaded Weights of British Tank Locomotives	1/8" to 1' wheel diagrams of GNR 0-8-2 and 0-6-2 tank engines	3.2.14	1914	-	-	PT	114	-
19123	Proposed First Class Carriages for Southend Service	3/8" to 1' interior plan of 7 compartment non- corridor 50' carriage seating 42, 8'9" wide body	5.2.14	1914	-	-	PT	118	-
19124	Proposed First Class Carriages for Southend Service	3/8" to 1' interior plan of 7 compartment non- corridor 50' carriage seating 56, 8'9" wide body							
19125	Proposed First Class Carriage for Southend Service	3/8" to 1" interior plan of 7 compartment 50' carriage	5.2.14	1914	-	-	PT	72	-
19126	Suburban First Class Carriage	3/8" to 1' interior plan of 8 compartment 54' carriage	5.2.14	1914	-	114C	PT	89	-
19127	Main Line First Class Carriage	3/8" to 1' interior plan of 50' 6 compartment corridor carriage with lavatory at each end	5.2.14	1914	-	-	PT	53	-
19129	Six Wheels Coupled Bogie Express Engines S69 Class Arrangement of Schmidt's Steam Circulating Device	3" to 1' arrangement of equipment shown on outline of smokebox. Endorsed: see Dg No 19015 for details	9.2.14	1914	S69	B12	PT	53	-
19133	Arrangement of First Class Restaurant Car with Kitchen Class L76	¾" to 1' general arrangement of 54' body with outline underframe	27.2.14	1914	L76	31C	PT	54	-
19137	SE&CR Maximum Construction Gauge for Rolling Stock not Exceeding 52Ft in Length for War Office Ambulance Trains	1½" to 1' dimensioned gauge profile Copy of SE&CR drawing dated 6.5.12	20.5.14	1914	-	-	PT	84	-
19138	Diagram of Proposed Bogie Suburban Carriage Converted from Two Four Wheeled Carriage Bodies	1/8" to 1' outline side elevation and plan of 3rd class 54' carriage	10.2.14	1914	-	408C	PT	145	-
19153	General Arrangement of Third Class Restaurant Car M76	¾" to 1' general arrangement of 54' body, outline underframe	16.3.14	1914	M76	431C	PT	54	-
19155	Six Wheels Coupled Tank Engines Class S56, C72- Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement in relation to cab and footplate, full size details			S56 C72	J69	PT	62	-
19156	Six Wheels Coupled Coal Engines Class F48 Diagram	Unscaled diagram and detailed written explanation of	1.2.14	1914	F48	114	PT	62	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19156	of Hydraulic Power Reversing Gear	working	2.2.14	1914	140	J10	PT	62	-
19160	Arrangement of Third Class Carriage Fitted with Iron Panels and Partitions	¾" to 1' general arrangement of 50' carriage clad in Lysaght's plates No 18 gauge, steel charcoal finish. Endorsed: steel panels removed on No 641 and 642 width over mouldings 8'10 1/8" 6.9.25, teak panels substituted	26.2.14	1914	-	419C	PT	63	-
19161	Arrangement of Single Bolster Wagon C76 Class	1½" to 1' general arrangement of 12' wagon. Endorsed: for wagons built with coalition wheels, axles, etc. see Dg No 19993	12.3.14	1914	C76	66W	PT	54	-
19175	Proposed Four Wheels Coupled Bogie Express Engine (2nd Scheme)	1" to 1' side outline elevation of 4-4-0 engine with 20" by 28" cylinders	27.2.14	1914	-	-	PT	8	-
19178	Restriction Plate for Machine Trucks	Full size of CI plate 12" by 3¾" lettered 'Not to be Loaded via the NERly Beyond Newcastle'. Endorsed: wording altered 7.6.20	2.3.14	1914	-	-	PT	73	-
19194	Arrangement of Catch Blocks and Angles for 60' Turntable (Liverpool Street)	1" to 1' plan of lines radiating from table	7.3.14	1914	-	-	PT	128	-
19207	Diagram of Bogie Train for Ilford Service (Special Formation)	1/16" to 1' plan of 8 coach train BT, T, S, C, C, S, T, BT	11.3.14	1914	-	-	PT	128	-
19209	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of Weir's Feed Water Heater and Pump	1½" to 1' outline elevations and plan of engine showing arrangement of pipework and outline of heater and pump	19.4.14	1914	D56	D15	PT	129	-
19213	Canning Town Goods Depot-Proposed Siding	88' to 1" of area between main line and bridge showing short siding near Lea Endorsed: see Print No 19213-I for position of engine pit 5.8.14. Copy of Engineers Plan No A16568, part No 35470	10.3.14	1914	-	-	PT	49	-
19223	Six Wheels Coupled Radial Tank Engines-Diagram of Walschaert Valve Gear	3" to 1' elevations and plan of motion	25.3.14	1914	L77	N7	PT	132	-
19227	Six Wheels Coupled Radial Tank Engines Class L77-Steam Heating Elements (Schmidt)	3" to 1' details of elements and position in boiler with full size details Endorsed: see Dg No 19268 for Robinson's superheater elements 29.9.14	25.5.14	1914	L77	N7	PT	132	-
19228	Six Wheels Coupled Radial Tank Engines Class L77-	Full size arrangement of valves and spindle	20.7.14	1914	L77	N7	PT	132	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19230	Piston Valves and Spindle	Endorsed: altered 25.11.33; see Dg No 22806	30.7.14	1914	L77	N7	PT	132	-
19232 Ren	Engines Type N7 (Short Valve Travel)-Arrangement of Motion (Walschaerts)	3" to 1' elevations and plan of motion Endorsed: for motion details see Dg No 19233	20.4.42	1942	-	N7	PT	131	-
19232	Six Wheels Coupled Radial Tank Engines L77 Class-N7-Arrangement of Motion (Walschaerts)	3" to 1' elevations and plan of motion Endorsed: see renewal tracing same number My comment: some insignificant detail missing on right hand side	30.7.14	1914	L77	N7	PT	134	-
19235	Six Wheels Coupled Radial Tank Engines Type N7-Crosshead	Full size details of crosshead, several alterations up to 29.1.57	28.1.30	1930	L77	N7	PT	134	-
19240	Six Wheels Coupled Radial Tank Engines L77 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' and full size Endorsed: see Dg No 19272 8.9.31 for side feed on L77 engines	16.10.14	1914	L77	N7	PT	26	-
19240 Att	Six Wheels Coupled Radial Tank Engines Class L77-Part Arrangement of Smokebox with Short Blastpipe and Petticoat	3" to 1' arrangement Endorsed: see Dg No 19250 for other dimensions of smokebox; see Dg No 21980 for K85	14.9.15	1915	L77	N7	PT	44	-
19248	Six Wheels Coupled Radial Tank Engines Class L77-Chimney	6" to 1' detailed arrangement. Endorsed: see Dg No 23287 for K85 21.12.20	24.7.14	1914	L77	N7	PT	44	-
19249 Att	Six Wheels Coupled Radial Tank Engines Class L77 (No 1000 Class) Alteration to Cab Roof	1½" to 1', details applicable also to class K85 Endorsed: see Dg No 19249 for other dimensions	- .9.20	1920	L77 K85	N7	PT	27	-
19249	Six Wheels Coupled Radial Tank Engines Class L77-Cab and Tanks and Coal Bunker	1½" to 1' detailed arrangement Endorsed: numerous alterations in red	5.10.14	1914	L77	N7	PT	44	-
19249 -4	Six Wheels Coupled Radial Tank Engines L77 Class K85-Alteration to Coal Bunker	1½" to 1' elevations of bunker, solid plating replacing rails	- .4.21	1921	L77	N7	PT	73	-
19249 Att 4	Six Wheels Coupled Radial Tank Engines Class K85-Alteration to Destination Board Brackets	1½" to 1' end elevation of engine	- .10.21	1921	K85	N7	PT	73	-
19249 Att	Six Wheels Coupled Radial Tank Engines Type N7-Alteration to Cab and Tanks for Engines to be built at Gorton	1½" to 1' arrangement of cab	- .12.24	1924	-	N7	PT	118	-
19250	Six Wheels Coupled Radial Tank Engines Class L77 Smokebox	3" to 1' general arrangement of smokebox. K85 Endorsed: see Dg No 21980 dated 21.12.20 for K85	10.11.14	1914	L77 K85	N7	PT	27	-
19250	Six Wheels Coupled Radial Tank Engines Class L77	3" to 1' arrangement of smokebox.							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Six Wheels Coupled Radial Tank Engines Class L77 (Non-Superheated)-Smokebox	Endorsed: see Dg No 21980 dated 21.12.20 for K85	12.12.14	1914	L77	N7	PT	27	-
19272	Six Wheels Coupled Radial Tank Engines Class L77- Arrangement of Rod, Pipe and Clothing, Injector Gear, Mechanical Lubrication, Steam Heating, Sanding and Condensing Gears	1½" to 1' arrangement of equipment on engine. Endorsed: see Dg No 22843 for K85; altered 8.9.31, top feed replaced by side feed	12.12.14	1914	L77	N7	PT	54	-
19275	Six Wheels Coupled Radial Tank Engines Class L77 Brake Arrangement	1" to 1' outline elevations and plan of engine showing arrangement. Endorsed: for details see Dg No 19278	22.10.14	1914	L77	N7	PT	54	-
19316	Diagram of Proposed Four Wheels Coupled Bogie Goods Engine	1½" to 1' outline side elevation of inside cylinder 4-4- 0 engine 30"7" over frame and 5'8" diameter wheels Endorsed: see tracing Dg No 19336	- .4.14	1914	-	-	PT	179	-
19318	Brake Lock for Road Vehicles	3" to 1' undimensioned arrangement in relation to drivers foot board	1.4.14	1914	-	-	PT	61	-
19321	Bending Moment Diagram of Proposed 4-4-0 Express Passenger Engine Dg No 19175 Crossing 30Ft Span	Diagram of wheels only	16.4.14	1914	-	-	PT	61	-
19323	Combination Ejector-Gresham Dreadnought Vacuum Automatic Brake Patent	3" to 1' sections of apparatus, presentation standard Copy of Gresham & Craven Dg No 7095.10 dated 11.1.11	16.4.14	1914	-	-	PT	126	-
19325	Profile of No 11 Restaurant Car Arranged for Proposed Ambulance Train	1½" to 1' dimensioned outline end elevation. Endorsed: superseded see Dg No 19325-1 My comment: the word Proposed is crossed out in title	17.4.14	1914	-	9C	PT	61	-
19325 -1	Profile of No 11 Restaurant Car Arranged for Ambulance Train	1½" to 1' dimensioned outline end profile Endorsed: copy sent to LB&SCR 2.9.14	3.9.14	1914	-	9C	PT	61	-
19327	Diagram showing Wheelbase and Estimated Weights of Proposed Four Wheels Coupled Bogie Express Engine	½" to 1' diagram of wheels only	20.4.14	1914	-	-	PT	61	-
19328	Arrangement of High and Low Pressure System for Steam Heating Carriages	1½" to 1' sectional view of compartment and frame showing arrangement	20.4.14	1914	-	-	PT	62	-
19336	Diagram of Proposed Four Wheels Coupled Bogie Express Goods Engine with Outside Cylinders and Walschearts Valve Gear	1½" to 1' outline side elevation of engine with 5'8" diameter wheels	29.4.14	1914	-	-	PT	90	-
19346	First Class Restaurant Car or Hook or Holland Train Proposed Conversion of Lavatories into Luggage	3/8" to 1' interior layout	28.4.14	1914	-	-	PT	14	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19346	Proposed Conversion of Lavatories into Luggage Lockers	3/8" to 1' interior layout.	28.4.14	1914	-	-	PT	14	-
19347	Second Class Restaurant Car of Hook of Holland Train-Proposed Conversion of Lavatories into Luggage Lockers	3/8" to 1' interior layout Endorsed: two proposals one with collapsible gates Dg No 19347, one with side doors Dg No 19347-1	28.4.14	1914	-	310C	PT	108	-
19348	Second Class Restaurant Car of Antwerp Train-Proposed Conversion of Lavatories into Luggage Lockers	3/8" to 1' interior plan Endorsed: for alternative proposal see Dg No 19348-1	28.4.14	1914	-	-	PT	36	-
19351	Arrangement of 10 Ton Covered Goods Wagon	1 1/2" to 1' general arrangement of 19' covered van with full size constructional details My comment: tracing damaged but no loss of detail	4.5.14	1914	-	72W	PT	121	-
19351 Ren	Arrangement of 10 Ton G.E. Covered Goods Wagon	1 1/2" to 1' general arrangement of 19' covered van with full size constructional details My comment: renewal tracing retraced 22.9.50	4.5.14	1914	-	72W	PT	121	-
19355	Westinghouse Brake-Arrangement of Large Pump, Steam Cylinder 7 1/2" Dia'r, Air Cylinders 8" Dia'r	Full size elevations and sections of pump	- .5.14	1914	-	-	PT	121	-
19356	Arrangement of Plate Glass Wagon D76 Class	1 1/2" to 1' general arrangement of 28' long wagon	4.6.14	1914	D76	67W	PT	131	-
19369	Four Wheels Coupled Express Engines Class D56 Arrangement of Robinson's Superheater and Draught Retarder	3" to 1' elevations and plan of smokebox showing arrangement of tubes and retarder Endorsed: brought up to date 1.10.15	- .6.14	1914	D56	D15	PT	21	-
19377	Suggested Arrangement of Dash Pots for Controlling Oscillation of Bogie Carriages	3" to 1' part elevations of bogie and full size section of dash pot	6.6.14	1914	-	-	PT	85	-
19385	Arrangement and Details of Sheet Tilt for 17Ft 0Ins High Sided Wagon	1" to 1' outline elevations of high sided wagon showing sheet tilt, 3" to 1' details of components Endorsed: this drawing cancels Dg No 18673; for GA of wagon see Dg No 15956 or 16876-1	12.6.14	1914	-	55W	PT	130	-
19391	Spring Hanging on GNR and GER Four and Six Wheeled Vehicles	(6" to 1') outline side elevations of 2 GNR types and 1 GER general type	16.6.14	1914	-	-	PT	98	-
19393	Diagram of Main Line Train 10.24am ex Liverpool Street	1/16" to 1' plan of 11 coach train	20.6.14	1914	-	-	PT	52	-
19394	Diagram of Main Line Train (10.24 am ex Liverpool Street) Showing Make Up if Proposed New Composites were Used	Diagram of 11 carriage train	22.6.14	1914	-	-	PT	97	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19395	Proposed Arrangement of Composite Carriage	3/8" to 1' interior plan of 50' body layout Lav, T, T, T, F, F, T, T, Lug	22.6.14	1914	-	-	PT	130	-
19400	Spring Hanging for Main Line Carriages	3" to 1' arrangement with full size details	9.7.14	1914	-	-	PT	98	-
19404	Arrangement and Details of Meat Van 177 Class	1½", 3" and 6" to 1' general arrangement of body and ironwork details	26.10.14	1914	177	65W	PT	15	-
19408	Bending Moment Diagram of Proposed 4-4-0 Express Passenger Engine to Dg No 19083 crossing 50Ft Span	¼"to 1' and 1" to 100 ft tons diagram	6.7.14	1914	-	-	PT	12	-
19410	Diagram of Gradients Liverpool Street to York	½" to 1 mile horizontal scale, route via March and Joint line	10.7.14	1914	-	-	PT	55	-
19412	Proposed Four Wheels Coupled Bogie Express Engine Bending Moment Diagrams with Heaviest Axle Loading in Centre of Span	¼" to 1' 4 diagrams	6.7.14	1914	-	-	PT	99	-
19413	Suggested Design for Club Carriage	3/8" to 1' interior plan of 54' non corridor carriage with 36 seats	7.7.14	1914	-	-	PT	97	-
19413 -1	Suggested Design for Club Carriage	7/8" to 1' interior plan of 54' non corridor carriage with 40 seats	7.7.14	1914	-	-	PT	97	-
19413 -2	Suggested Design for Club Carriage	3/8" to 1' interior plan of 54' non corridor carriage with 39 seats	7.7.14	1914	-	-	PT	97	-
19413 -3	Suggested Design for Club Carriage	3/8" to 1' interior plan of 54' non corridor carriage with 39 seats	7.7.14	1914	-	-	PT	97	-
19413 -4	Suggested Design for Club Carriage	3/8" to 1' interior plan of 54' non corridor carriage with 36 seats	7.7.14	1914	-	-	PT	97	-
19413 -5	Suggested Design for Club Carriage	3/8" to 1' interior plan of 54' carriage to seat 36	30.4.14	1914	-	-	PT	99	-
19420	Bending Moment Diagram of 4-4-2 Engine with Heaviest Axle Loading in Centre of Span	Various scales, wheelbase on 50' span	11.7.14	1914	-	-	PT	99	-
19421	Diagrams Showing Wheelbase and Weight of Four Wheels Coupled Engines	¼" to 1' wheel diagrams of 8 non-GER engines	11.7.14	1914	-	-	PT	126	-
19427	Proposed Water Tank Gauge for Carriage Lavatories	1½" to 1' arrangement of gauge and position of external gauge glass on upper panel adjoining toilet window	15.7.14	1914	-	-	PT	123	-
19445	Naval Ambulance Train	1/8" to 1' plan, two schemes for a 10 carriage train comprising 9 Dia 541 Brake 3rds and 1 Dia 535 Brake	18.8.14	1914	-	-	PT	56	-
19526	1100 (S44) Class Engines End Profile Diagram	½" to 1' dimensioned end profile	10.8.14	1914	S44	G4	PT	66	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19527	71 (M15) Class Engines End Profile Diagram	½" to 1' profile with dimensions	10.8.14	1914	M15	-	PT	60	-
19528	37 (Y14) Class Engines End Profile Diagram	½" to 1' profile with dimensions	1.8.14	1914	Y14	J15	PT	60	-
19529	417 (T26) Class Engines End Profile Diagram	½" to 1' dimensioned profile	10.8.14	1914	T26	E4	PT	56	-
19530	Engines R & S24 Class Rebuilt and S56 Class End Profile Diagrams	½" to 1' profile with dimensions	10.8.14	1914	R24 S24 S56	J67 J69	PT	60	-
19532	Proposed Commissariat Train	3/16" to 1' plan of train 34'6" B3rd, 5 x 32 brakes, 22' meat van and refrigerator wagon with corridor connections	11.8.14	1914	-	-	PT	100	-
19533	Proposed Commissariat Train	3/16" to 1' plan of train 4 x 50' brakes, 3rd rest Dia 427 or 429, butchers van, ex meat and refrigerator wagon with corridor connections	11.8.14	1914	-	-	PT	100	-
19534	Diagram of Proposed Four Wheels Coupled Bogie Express Goods Engine	1" to 1' outline and side elevation of 4-4-0 tender engine with S69 boiler with firebox lengthened 6"	22.8.14	1914	-	-	PT	14	-
19535	Kitchen Car for Ambulance Train for France	3/8" to 1' layout of interior layout of 50' kitchen and mess room car converted from brake van Endorsed: this car is referred to as trailing kitchen van on LB&SCR Dg No 1099/33	5.2.15	1915	-	-	PT	14	-
19536	Kitchen Car for Ambulance Train for France	3/8" to 1' layout of interior layout of 50' kitchen and stores van converted from brake van Endorsed: this car is referred to as trailing kitchen van on LB&SCR Dg No 1099/33	20.1.15	1915	-	-	PT	14	-
19538	Proposed Commissariat Train	3/16" to 1' plan of 8 coach train comprising 6 32' brake vans; 3 x 8'6" wide and 3 x 8' wide; 1 x 22' meat van and 1 refrigerator wagon with vestibule connections between each vehicle	13.8.14	1914	-	-	PT	14	-
19540	Arrangement of 13Ft Single Bolster Wagon for Rail Train R77	1½" to 1' general arrangement.	20.8.14	1914	R77	70W	PT	15	-
19545	Diagram of Proposed Six Wheels Coupled Express Goods Engine	1" to 1' outline side elevation of 4-6-0 engine 36' over frame, 5'8" wheels 20" x 28" cylinders (S69 cylinders and motion)	22.8.14	1914	-	-	PT	179	-
		¾" to 1' interior plan of 58' carriage							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19546	Copy of Part of Drawing of Lancashire & Yorkshire Railway Club Carriage Running between Manchester and Liverpool	Copy of L&Y Dg No 7956 dated 13.7.14 order E26 entitled Club Carriage 58' Long Endorsed: original drawing attached to papers 18.8.14	18.8.14	1914	-	-	PT	125	-
19548	Diagram of Proposed 6 Wheels Coupled Express Goods Engine	1" to 1' elevations of engine similar to S69 but with 5'8" wheels and outside cylinders	22.8.14	1914	-	-	PT	53	-
19549	"Iracier" Axleboxes for Tenders with 11" by 5½" Journals-Alteration to White Metal in Brasses	Full size dimensioned arrangement of brasses	19.8.14	1914	-	-	PT	62	-
19554	Arrangement of 20 Ton Loco Coal Wagon Class H77	1½" to 1' general arrangement of steel bodied wagon. Endorsed: altered 30.4.35	28.10.14	1914	H77	46W	PT	15	-
19557	1040 (C32) Class Engines End Profile Diagram	½" to 1' diagram	27.8.14	1914	C32	F3	PT	16	-
19562	Diagram Showing Wheel Base and Estimated Weights of Six Wheels Coupled Bogie Express Goods Engine	½" to 1' diagram	1.9.14	1914	-	-	PT	8	-
19565	Diagrams Showing Wheel Bases and Weights upon Rails of Engines, Cranes and Crocodile Truck	1/8" to 1' diagrams showing wheels only of 28 engines, 12 ton and 20 ton steam accident cranes and truck.	8.9.14	1914	-	-	PT	8	-
19565 -I	Diagrams Showing Details and Wheel Arrangement of Locomotive Stock at end of 1916	1/8" to 1' diagrams showing wheels only of 30 types of engine	19.3.17	1917	-	-	PT	8	-
19574	General Service Wagon for War Department Mark X Arrangement of Body	1½" to 1' general arrangement.	11.8.14	1914	-	-	PT	17	-
19575	General Service Wagon for War Department Mark X Arrangement of Undercarriage	1½" to 1' arrangement.	14.8.14	1914	-	-	PT	17	-
19623	Diagram of Proposed Bogie Parcels Van	3/8" to 1' outline plan of open 50' van without corridor	15.9.14	1914	-	-	PT	37	-
19624	Diagram of Proposed Bogie Parcels Van	3/8" to 1' outline plan of open 50' van with corridor defined by collapsible gates	15.9.14	1914	-	-	PT	37	-
19630	Proposed Kitchen Car for Ambulance Train	3/8" to 1' interior plan of 48'3" coach. Endorsed: altered from 1st Class Saloon Stock Book Diagram No 23	1.10.14	1914	-	23C	PT	37	-
19630	Proposed Kitchen Car for Ambulance Train	3/8" to 1' diagram of 34'6" carriage with kitchen and dining for 12 men or sleeping for 6, with corridor connections	1.10.14	1914	-	19C	PT	37	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-I		Endorsed: altered from 3rd Class Saloon Stock Book Diagram No 19							
19634	Alteration to Built-Up Crank Axle Engines S69 (1500 Class)	3" to 1' end elevation of axle. Endorsed: see also Dg No 18163	17.6.14	1914	S69	B12	PT	36	-
19636	Transportation of Coaches-Diagram of Lifting Gear	$\frac{3}{4}$ " to 1' outline of LNWR carriage showing alternative positions for varying lengths of stock and details of adjusting nut for wire ropes Endorsed: drawing initiated by LNWR	5.10.14	1914	-	-	PT	36	-
19637	Transportation of Coaches-Lifting Gear Attached to Vehicles and Packing Blocks	$1\frac{1}{2}$ " to 1' details of gear against part side elevation of bogie and bottom of body packing blocks Endorsed: altered to red 19.3.15	19.10.14	1914	-	-	PT	36	-
19637 Part	Transportation of Coaches-Sketch Showing Attachment of Lifting Gear to Bogie	$1\frac{1}{2}$ " to 1' view of bogie and method of lifting	- .10.14	1914	-	-	PT	36	-
19640	Transportation of Coaches-Wire Rope and Adjusting Nut	3" to 1' details of equipment	12.10.14	1914	-	-	PT	36	-
19644	Transportation of Coaches-Diagram Showing Maximum Widths over Lifting Gear	$\frac{3}{4}$ " to 1' end profile of carriage with outline of lifting beam	12.10.14	1914	-	-	PT	133	-
19645	Diagram of Ambulance Train for War Office for use Abroad	$1/8$ " to 1' outline side elevation and plan of 14 coach train Endorsed: this train numbered 12	13.10.14	1914	-	-	PT	133	-
19703	Proposed Arrangement of Composite Carriage	$3/8$ " to 1' interior view of 50' carriage Lav, T, T, F, F, T, T, T Endorsed: this plan agreed to see letter to Mr Parker dated 12.11.14	16.10.14	1914	-	-	PT	133	-
19708	Diagram Showing Gradients and Position of Signal Boxes between Whittlesford and Peterborough	1" to 1 mile horizontal scale	- .10.14	1914	-	-	PT	133	-
19729	Proposed Arrangement for Tipping 20 Ton Coal Wagons	1" to 1" outline of wagon with spreading beam for tipping wagon sideways	3.11.14	1914	-	-	PT	36	-
19742	Covered Goods Wagon-Sketch of End Framing	$1\frac{1}{2}$ " to 1' outline end elevation and part end sectional elevation	10.11.14	1914	-	-	PT	75	-
19815	Wickford	1" to 33' plan of locomotive accommodation and turntable	23.11.14	1914	-	-	PT	98	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19818	Diagram of Auto Train for Mildenhall-Cambridge Service	¼" to 1' plan of engine, 48'3" composite and 50' third converted with driver and guards compartment	24.11.14	1914	-	-	PT	98	-
19824	Diagrams of Gradients from London to Peterborough (via Ipswich), Cambridge to Ely, Cambridge to Kennett, Witham to Maldon, Witham to Braintree, Stratford to Ongar and Bishops Stortford, Dunmow and Braintree	½" to 1 mile horizontal scale	- .12.14	1914	-	-	PT	75	-
19826	Diagram of Gradients Shenfield to Maldon	½" to 1 mile horizontal scale of route via Wickford and Woodham Ferris	- .12.14	1914	-	-	PT	75	-
19828	LNWR Two Coach Motor Train	1/8" to 1' interior plan of composite No 2766 and 3rd No 1586 with driver/luggage compartment forming Willesden Motor Set No 14	8.12.14	1914	-	-	PT	75	-
19858	Mishap at Ilford 1.1.15-Diagram of Suburban Train	1/16" to 1' outline plan of 18 coach train and engine No 585	2.1.15	1915	-	-	PT	75	-
19859	Mishap at Ilford 1.1.15-Diagram of Clacton Train	1/16" to 1" outline plan of 9 coach train and engine No 1813	2.1.15	1915	-	-	PT	75	-
19877	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of the 'Weir' Feed Pump, Heater and Spray Valve	1½" to 1' apparatus shown on outline of engine Endorsed: altered 26.2.15, 4.1.23 and 24.1.23	- .1.15	1915	D56	D15	PT	93	-
19882	Proposed Staff Car for Ambulance Train	3/8" to 1' interior plan of 1st class 50' carriage to dia 122	14.12.14	1914	-	122C	PT	40	-
19883	Ambulance Train Proposed Car for Infectious Cases	3/8" to 1' interior plan of 50' body diagram 235 for 10 beds	14.12.14	1914	-	235C	PT	57	-
19884	Ambulance Train Proposed Car for Infectious Cases	3/8" to 1' interior plan of 50' body diagram 419 for 8 beds	14.12.14	1914	-	419C	PT	57	-
19885	Ambulance Train Car for Infectious Cases	3/8" to 1' interior plan of 50' body diagram 235	14.12.14	1914	-	235C	PT	57	-
19886	Proposed Staff Car for Ambulance Car	3/8" to 1' interior plan of 50' body diagram 235	14.12.14	1914	-	235C	PT	57	-
19887	Proposed Staff Car for Ambulance Train	3/8" to 1' plan of 1st to diagram 122	14.12.14	1914	-	122C	PT	55	-
19888	Great Northern Railway 10 Wheeled Side Tank Engines C2 Class	3/16" to 1' diagram of engine							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19889	Great Northern Railway 6 Wheels Coupled Side Tank Engines	3/16" to 1' diagram of engine	14.12.14	1914	-	-	PT	57	-
19890	Proposed Staff Car for Ambulance Train	3/8" to 1' plan of composite to diagram 235	- .1.15	1915	-	235C	PT	55	-
19895	Diagram of Proposed Open Carriage Truck D78	3/8" to 1' outline elevations 21' body, 13'6" wheelbase My note: see Dg No 19988 for truck as built	31.12.14	1914	-	-	PT	57	-
19900	LNWR 4Ft 6Ins Side Tank Pass Engine (8 Wheels)	1/4" to 1' outline diagram of engine	29.12.14	1914	-	-	PT	57	-
19903	~~Six Wheels Coupled Goods Engine Class L72-~~ Arrangement of Pipes and Fixings for Weir Pump and Feed Water Heater	1 1/2" to 1' arrangement of equipment shown in relation to outline of engine	- .1.15	1915	E72	J18	PT	121	-
19912	Diagram of Wheelbase and Weights of Six Wheels Coupled Radial Tank Engine Class L77	1/2" to 1' diagram of wheels	20.1.15	1915	L77	N7	PT	62	-
19924	Collision at County School on 18.1.15-Diagram of 5.20am Goods Train Norwich to Dereham	1/16" to 1' plan of train, engine 629 and 16 unidentified wagons	21.1.15	1915	-	-	PT	66	-
19925	Collision at County School 18.1.15-Formation of 11.15am Passenger Train ex Wells	1/16" to 1' outline plan of train engine No 446, T1064, T762, C80, C377, T48, B75	21.1.15	1915	-	-	PT	140	-
19928	Diagram Showing Wheelbase and Weights of Engines	1/4" to 1' diagrams of 10 engines of miscellaneous GER engines	27.1.15	1915	-	-	PT	140	-
19930	Showing Heights of Locomotive Chimneys and Cabs which may Travel over the GER System	Unscaled outline map of E. Anglia, the GER lines coded according to height limitations intended to be the basis of a coloured copy	27.1.15	1915	-	-	PT	131	-
19931	Diagram of Proposed Inspection Carriage	3" to 1' interior plan of 34'6" body with end observation saloon, saloon and lavatories Endorsed: converted from 3rd Class Saloon Stock Book Diagram No 16	5.2.15	1915	-	-	PT	125	-
19934	Diagram of Ambulance Train for France	1/8" to 1' interior plan of 9 coach train of 50' stock	2.2.15	1915	-	-	PT	140	-
19936 Pt 1-5	Wheelbases and Weights of GNR Goods Engines	3/16" to 1' diagrams of 5 engines	2.2.15	1915	-	-	PT	74	-
19938	Folding Wash Basin for Carriage Lavatories	Full size of complete basin and folding apparatus	10.2.15	1915	-	-	PT	74	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19965	District & Number Plate for Engines	Full size of plate 7" x 4¼" deep, bottom corners rounded off inscribed 'District', number range 1 to 5, showing position on tender and tank engines	18.2.15	1915	-	-	PT	82	-
19967	Diagram of Proposed Inspection Carriage	3/8" to 1' interior plan of 34'6" carriage without vestibules	18.2.15	1915	-	-	PT	37	-
19969	Rail Guard for Leading Bogie of Auto Train	3" to 1' arrangement shown on outline of bogie frame	19.2.15	1915	-	-	PT	82	-
19973 -1	Diagram of Proposed First Class Saloon	3/8" to 1' interior plan of 50' body with plain ends Endorsed: for Traffic Superintendent	4.3.15	1915	-	-	PT	37	-
19973 -2	Diagram of Proposed First Class Saloon	3/8" to 1' interior plan of 54' body with 3'0" platform at one end. Endorsed: for Traffic Superintendent	17.3.15	1915	-	-	PT	37	-
19973 -3	Diagram of Proposed First Class Saloon	3/8" to 1' interior plan of 50' body with 3' platform at one end. Endorsed: for Traffic Superintendent	30.3.15	1915	-	-	PT	37	-
19973	Diagram of Proposed First Class Saloon	3/8" to 1' interior plan of 50' body Endorsed: for Traffic Superintendent	23.2.15	1915	-	-	PT	82	-
19973 -4	Diagram of Proposed First Class Saloon	3/8" to 1' interior plan of 54' saloon with veranda Endorsed: for Traffic Superintendent	10.11.16	1916	-	-	PT	82	-
19978	(75) T18 Class Engines End Profile Diagram	½" to 1' fully dimensioned profile	1.3.15	1915	T18	J66	PT	37	-
19979	(1) G69 Engines End Profile Diagram	½" to 1" fully dimensioned profile	25.2.15	1915	G69	F6	PT	37	-
19980	(700 & 702) T19 Belpaire Class Engines End Profile Diagram	½" to 1' fully dimensioned profile	26.2.15	1915	T19	D13	PT	37	-
19981	Six Wheels Coupled Tank Engines Class C72-End Profile Diagram	½" to 1' profile with dimensions	- .2.15	1915	C72	J68	PT	63	-
19986	Bolster Arranged so that Boilers can be Carried on Bolster Wagons	1½" to 1' side and end elevation of swivel bolster with concave seat for boiler	5.3.15	1915	-	-	PT	6	-
19987	Diagram of Proposed Auto Train for Service on Blackwall Line	¼" to 1' plan of train: 3rd, 3rd and Compo 6 wheel stock open saloons with seats along sides and corridor connections	6.3.15	1915	-	-	PT	62	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19988	General Arrangement of 21Ft 0Ins by 9Ft 0Ins Open Carriage Truck	1½" to 1' general arrangement of truck and underframe details	19.4.15	1915	D78	50M	PT	131	-
19996	Aluminium Tank Wagon for Transport of Nitric Acid (England)	1 to 20 scale side and end elevation of tank wagon on 18' frame, capacity 2,850 gallons Copied from T.C. Kristiania and Forandret Dg dated 20.11.14	13.3.15	1915	-	-	PT	41	-
19997	Aluminium Tank for Railway Wagon	1 to 10 dimensioned arrangement of tank to Dg 19996, Endorsed: for modification to handrail see Dg No 20108							
20010	Observation Platform for Proposed New First Class Saloon and End Connection with No 48 Saloon	1" to 1' end and side elevations of new saloon with tram car type open connection Endorsed: superseded by Dg 21236	18.3.15	1915	-	20C	PT	75	-
20010 -1	Observation Platform for Proposed New First Class Saloon and End Connection with No 48 Saloon	1" to 1' end and side elevations of new saloon with half height canvas bellows connection Endorsed: superseded by Dg 21236	18.3.15	1915	-	20C	PT	75	-
20017	Axle for 14 Ton Machine Truck	3" to 1' details of axle with 10" x 5" journals Endorsed: this tracing made from Stores Tracing No 12715 of 12.2.09 which applied to 20 Ton coal wagons and 14 Ton Machine trucks	25.3.15	1915	-	-	PT	135	-
20019	Diagram of Bogie Train for Loughton Service Standard Formation	1/16" to 1' outline plan of 8 coach train Endorsed: for standard formation see Dg 17748	26.3.15	1915	-	-	PT	89	-
20020	Diagram of Bogie Train for Fairlop Service-Standard Formation	1/16" to 1' outline plan of 8 coach train	29.3.15	1915	-	-	PT	105	-
20021	Arrangement of Low Sided Wagon with End Doors	1½" to 1' outline elevations and plan of 15' 3 plank dropside wagon showing construction of hinged end Endorsed: these wagons to be marked For Military Traffic, wagon to arrangement Dg No 10886	8.4.15	1915	-	68W	PT	141	-
20032	Six Wheels Coupled Coal Engines Class G56 Fitted with the Robinson Superheater-Smokebox Arrangement	3" to 1' detailed elevations of smokebox	25.5.15	1915	G68	J68	PT	52	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20034 -I	Ambulance Train for France-Arrangement of Compartment with Four Folding Cots	½" to 1' sectional side elevation of interior of 6'11" wide compartment Endorsed: Dg No 20034 amended	26.4.15	1915	-	-	PT	126	-
20037	Ambulance Train for France-Diagram of Carriages with Folding Beds	1/8" to 1' plan of 2 personnel and 1 staff car 50' stock	13.4.15	1915	-	-	PT	52	-
20058	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Robinson's Superheater-Smokebox	3" to 1' detailed elevations of smokebox	2.5.15	1915	T19	D13	PT	52	-
20063	Diagram of Proposed Arrangement of Guard Trucks for 35 Tons Accident Crane 24	½" to 1' side elevation of a truck either side of crane based on suburban carriage steel underframes	24.4.15	1915	-	-	PT	56	-
20071	Diagram of Proposed Ambulance Train for France	1/8" to 1' plan of 16 coach train of 50' stock Endorsed: superseded by Dg No 22089	30.4.15	1915	-	-	PT	127	-
20074	Diagram of No 17 Ambulance Train for France	1/8" to 1' plan of 15 coach train of 50' stock Endorsed; This formation is incorrect 12.5.15 My comment: 5 cars are identified as sitting up cases coupled to form a single unit with French gangway at each end	4.5.15	1915	-	-	PT	127	-
20076	Guard Trucks for 35 Tons Accident Crane	1" to 1' detailed arrangement of truck converted from spare 2nd class suburban carriage underframes Endorsed: Trucks marked 'A' and 'B' My comment: from 2nd class underframes Nos 530 and 558	19.5.15	1915	-	-	PT	131	-
20077	Proposed Brake and Stores Car for Ambulance Train	3/8" to 1' interior plan of 34'6" brake with corridor connection at luggage compartment end	7.5.15	1915	-	540C	PT	76	-
20078	Proposed Brake and Infectious Ward Car for Ambulance Train	3/8" to 1' interior plan of 34'6" vehicle 8'9" wide with 2 wards for 4 men each Endorsed: adapted from brake van see diagram 14600-540	7.5.15	1915	-	540C	PT	125	-
20085	Aluminium Railway Tank Wagon for Transport of Nitric Acid-Alterations to Hand Rails to Clear Loading Gauge	1 to 20 scale end profile with dimensions. Endorsed: superseded by Dg No 20108	12.5.15	1915	-	-	PT	62	-
20086	Proposed Ambulance Train for France-Cross Section of Ward Car Showing Three Hoskin's Cots per Tier	1½" to 1' sectional end elevation showing arrangement	13.5.15	1915	-	-	PT	128	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20089	Diagram of Ambulance Train for France	1/8" to 1' interior plan of 16 coach train, 4 x 54' vehicles, remainder 50' Endorsed: superseded by tracing dated 8.15 same number	- .5.15	1915	-	-	PT	127	-
20089	Diagram of No 20 Ambulance Train for France	1/8" to 1' interior plan of 16 coach train, 4 x 54' vehicles, remainder 50'	20.8.15	1915	-	-	PT	127	-
20090	Ambulance Train for France-Diagram of Ward Car	3/8" to 1' interior plan of 54' carriage for 36 men	15.5.15	1915	-	-	PT	125	-
20091	Kitchen Car for Ambulance Train for France-Diagram of Car for Sitting Up Cases	3/8" to 1' interior plan of 50' carriage, gangways at both ends Endorsed: converted from third	15.5.15	1915	-	-	PT	145	-
20093	Ambulance Train for France-Diagram of Personnel Car	3/8" to 1' interior plan of 50' carriage converted from 3rd class carriage Endorsed: superseded see Dg No 20171 23.6.15							
20092	Kitchen Car for Ambulance Train for France-Diagram of Staff Car	3/8" to 1' interior plan of 50' carriage, gangways at both ends Endorsed: converted from composite; superseded see Dg No 20172 23.6.15	15.5.15	1915	-	-	PT	145	-
20094	Ambulance Train for France-Pharmacy Car	3/8" to 1' interior plan of 50' carriage, gangways both end Endorsed: Converted from 50' brake van My comment: equipped with Stratford made operating table	15.5.15	1915	-	-	PT	145	-
20095 -2	Ambulance Train for France-Car for Infectious Cases and Brake	3/8" to 1' interior plan of 50' carriage	27.5.15	1915	-	-	PT	140	-
20095	Kitchen Car for Ambulance Train for France-Car for Infectious Cases and Brake	3/8" to 1' interior plan of 50' carriage, gangways at one end only Endorsed: converted from 50' brake van; Kitchen and Mess Room Car	15.5.15	1915	-	-	PT	145	-
20095	Kitchen Car for Ambulance Train for France-Car for	3/8" to 1' interior plan of 50' carriage, gangway at one end only	27.5.15	1915	-	-	PT	145	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-1	Infectious Cases and Brake	Endorsed: converted from 50' brake van; Kitchen and Mess Room Car	27.5.15	1915	-	-	PT	145	-
20095 -3	Ambulance Train for France-Proposed Infectious Ward & Brake	3/8" to 1' interior plan of 50' carriage, gangway one end only Endorsed: converted from 50' brake van	27.5.15	1915	-	-	PT	145	-
20095 -4	Ambulance Train for France-Car for Infectious Cases and Brake	3/8" to 1' interior plan of 50' carriage, gangway one end only Endorsed: converted from 50' brake van	28.5.15	1915	-	-	PT	145	-
20095 -5	Ambulance Train for France-Car for Infectious Cases and Brake	3/8" to 1' interior plan of 50' carriage, gangway one end only Endorsed: converted from 50' brake van	23.6.15	1915	-	-	PT	145	-
20096	Ambulance Train for France-Brake and Stores Car	3/8" to 1' interior plan of 50' carriage, gangway one end only Endorsed: Converted from 50' brake van	14.5.15	1915	-	-	PT	145	-
20097	Kitchen Car for Ambulance Train for France	3/8" to 1' interior plan of 50' carriage, gangways at both ends Endorsed: converted from 50' brake van; Kitchen & Stores Car	15.5.15	1915	-	-	PT	145	-
20098	Kitchen Car for Ambulance Train for France	3/8" to 1' interior plan of 50' carriage, gangways at both ends Endorsed: converted from 50' brake van; Kitchen and Mess Room Car	15.5.15	1915	-	-	PT	145	-
20099	Ambulance Train for France-Arrangement of Body for Ward Cars	¾" to 1' elevation of body side and interior plan	26.5.15	1915	-	-	PT	141	-
20107	Tender Weather Protection Plate-Engine Fitted No 875	1½" to 1' elevation of plate, made of ¼" plate	25.5.15	1915	Y15	J15	PT	145	-
20108	Aluminium Tank Wagon for Transport of Nitric Acid- Arrangement of Tank with Handrails Altered to Clear Loading Gauge	1 to 20' outline general arrangement, 10' length, wheelbase 10'6" 2,850 gallons capacity, dimensions imperial and metric	21.5.15	1915	-	-	PT	145	-
20127	No 16 Continental Ambulance Train 'Compacto' Patent Warming Apparatus for Railway Coaches	¼" to 1' outline elevation and plan showing apparatus in toilet compartment and pipe runs. Endorsed: received from Mr Churchward 22.5.15, drawing of Dargue Griffiths & Co., Ltd. Phoenix Works, Vauxhall Road, Liverpool, dated 18.5.15	22.5.15	1915	-	-	PT	28	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20134	End Profile Diagram N31 Class	½" to 1' dimensioned profile with list of engine numbers	31.5.15	1915	N31	J14	PT	102	-
20135	Engine Profile Diagram Class (E22), 245	(½" to 1') dimensioned outline profile of engines Nos 150-159, 245-254	31.5.15	1915	E22	J66	PT	52	-
20136	R24 Class Engines-End Profile Diagram	½" to 1' dimensioned end profile and list of engine numbers	31.5.15	1915	R24	J69	PT	101	-
20137	Diagram of Body of Brake Van No 201	¼" to 1' outline diagram of body of 27' vehicle 8' wide	29.5.15	1915	-	508C	PT	102	-
20143	Diagram of Carriage Van	½" to 1' outline dimensioned elevations of 31' 4½" van, 3 pairs of doors	3.6.15	1915	-	-	PT	60	-
20144	Diagram of General Van	½" to 1' outline dimensioned elevations of 32' van, 3 pairs of doors	2.6.15	1915	-	-	PT	60	-
20150	Diagram of 20 Tons Accident Crane	¾" to 1' outline side and end elevations of 8 wheel crane 27'10" over buffers	7.6.15	1915	-	-	PT	43	-
20150	(Diagram of instructions relating to operation of 20 Tons crane)	Written instruction panel	7.6.15	1915	-	-	PT	43	-
20154	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of Electro Mechanical Train Control	1½" to 1' arrangement shown in relation to outline of engine	21.7.15	1915	D56	D15	PT	89	-
20161	'Compacto' Patent Warming Apparatus for Railway Coaches, etc. GER Ambulance Train for France Staff Car	3/8" to 1' interior plan showing pipes runs and part sectional elevation of boiler and hot water cylinder Copy of Dargue, Griffiths & Co Ltd, Liverpool Dg 19.6.15	19.6.14	1914	-	-	PT	63	-
20162	'Compacto' Patent Warming Apparatus for Railway Coaches, etc. GER Ambulance Train for France Personnel Car	3/8" to 1' interior plan showing pipe runs and part sectional elevation of boiler and hot water cylinder Copy of Dargue, Griffiths & Co Ltd, Liverpool Copy Dg 14.6.14							
20171	Ambulance Train for France-Diagram of Personnel Car Converted from 3rd class carriage	3/8" to 1' diagram of interior of 50' carriage, showing beds in existing compartments	22.6.15	1915	-	-	PT	25	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20172	Ambulance Train for France-Diagram of Staff Car	3/8" to 1' plan of 50' carriage showing compartments converted to mess room and for sleeping	30.4.17	1917	-	-	PT	49	-
20178	Ambulance Train for France-Arrangement of Body for Infectious Ward Car	¾" to 1' side elevation and interior plan of 50' body	2.7.15	1915	-	-	PT	43	-
20211	Diagram of Electro Mechanical Train Control	Unscaled sectional view of apparatus in contact with rail	- .7.15	1915	-	-	PT	56	-
20212	End Profile of No 16 Restaurant Car	¾" to 1' dimensioned outline profile with clerestory roof	19.7.15	1915	-	13C	PT	56	-
20213	Diagram of Proposed Ambulance Train for Home Service	1/8" to 1' interior plan of 9 coach train of 50' stock Endorsed: superseded see Dg No 20229	21.7.15	1915	-	-	PT	56	-
20217	Bogie Wagon with 9.2 inch B.L. Gun Mounted-Proposed Dual Operated Hand Brake	¾" to 1' outline of gun on bogie well wagon, with brake details	23.7.15	1915	-	-	PT	58	-
20222	Electro Mechanical Train Control-Arrangement and Details of Ramp	1½" to 1' arrangement of ramp on track and 6" scale details Endorsed: for details see Dg 22299	20.8.15	1915	-	-	PT	82	-
20229 Att	Dining and Sleeping Car	1/8" to 1' interior plan of 50' carriage with 10 beds formerly kitchen car Endorsed: this attachment added 12.8.15	12.8.15	1915	-	-	PT	82	-
20229	Diagram of Ambulance for Home Service	1/8" to 1' interior plan of 10 coach train of 50' stock Endorsed: altered 5.10.15, this supersedes Dg No 20213, and in turn this is superseded by Dg No 21260 13.11.16	30.7.15	1915	-	-	PT	100	-
20232	Conversion of Six Wheeled to Four Wheeled Bogies	1½" to 1' elevations and details of 11'6" wheelbase bogie Endorsed: constructed to carriages C, D, E and F50 the Enfield bogie train; not carried out 6.4.16	11.8.15	1915	-	-	PT	81	-
20241	Mishap at Enfield Lock 6.8.15-Diagram of Formation of Trains	1/16" to 1' outline plan of 9 coach train of 6 wheelers and engine No 1083 and additional vehicles added to train Fruit 1510, Sundry 1823, Fish 1554, and CCT 1616 propelled by engine No 497	10.8.15	1915	-	-	PT	81	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20270	Tenders Type B12-Notice Plate re. Air Cock for Water Scoop	Full size details of 8 3/8" by 4" plate	26.8.15	1915	S69	B12	PT	67	-
20305	Diagram of Proposed First Class Saloon	3/8" to 1' interior plan of 54' saloon with balcony and sleeping berth	1.9.15	1915	-	-	PT	67	-
20305 -1	Diagram Proposed First Class Saloon	3/8" to 1' interior plan of 54' saloon with balcony and sleeping berth	1.9.15	1915	-	-	PT	67	-
20306	Four Wheels Coupled Bogie Express Engines Nos 1790 to 1889-Arrangement and Details of Screens for Preventing Searchlight Effect from Firehole	1 1/2" to 1' with full size details	2.9.15	1915	D56	D15	PT	67	-
20314	Diagram of Carriages with 9' Wide Bodies	1/8" and 3/8" to 1' outline side and end elevations of 50', 48'3" and 32' carriages built for Hook of Holland Train	- .9.15	1915	-	-	PT	29	-
20315	Diagram of Carriages with 9' Wide Bodies	1/8" and 3/8" to 1' outline side and end elevations of 50' clerestory 3rd							
20316	Diagram of Carriages with 8'6" Wide Bodies	1/8" and 3/8" to 1' outline side and end elevations of 50' restaurant cars Nos 16, 17 & 24, 48'3" restaurant car No 11 and 34'6" 1st and 3rd clerestory stock							
20317	Diagrams of Carriages with 8'6" Wide Bodies	1/8" and 3/8" to 1' outline side and end elevations of 55' restaurant cars, 48'3" composite and 34'6" 3rd clerestory stock							
20318	Diagrams of Carriages with 8'9" Wide Bodies	1/8" and 3/8" to 1' outline diagrams with overall dimensions	- .9.15	1915	-	-	PT	10	-
20319	Diagrams of Carriages with 8'6" wide Bodies	1/8" and 3/8" to 1' outline diagrams with overall dimensions	- .9.15	1915	-	-	PT	10	-
20320	Diagrams of Carriages with 8'9" wide Bodies	1/8" and 3/8" to 1' outline diagrams with overall dimensions	- .9.15	1915	-	-	PT	10	-
20321	Diagrams Showing Width Over Side Lamps of Carriage Stock	1/8" and 3/8" to 1' outline diagrams with overall dimensions	- .9.15	1915	-	-	PT	10	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20322	Diagrams of Non-Passenger Stock Vehicles Showing Width Over Side Lamp Irons, Etc	1/8" and 3/8" to 1' outline side and end elevations of 12 types of vehicle with basic dimensions	24.9.15	1915	-	-	PT	87	-
20323	Diagram Showing Width over Side Lamps of Non-Passenger Stock	3/8" to 1' and schedule of carriage widths	24.9.15	1915	-	-	PT	26	-
20333	Proposed Alteration to Third Class Carriage No 77 to Personnel Car	3/8" to 1' interior plan of 34'6" clerestory body and section	16.9.15	1915	-	406C	PT	117	-
20338 Att	Arrangement of Mechanical Lubricator Gear on Six Wheels Coupled Goods Engines Class G58 Fitted with Superheater	1 1/2" to 1' arrangement of gear in relation to front of engine Endorsed: for arrangement and details of cylinder and steam chest lubrication see Dg No 35122	- .12.15	1915	G58	J17	PT	117	-
20388	~~Six Wheels Coupled Goods Engines Class G58 Fitted with Superheater-Arrangement and Details of Mechanical Lubricator Gear~~	1 1/2" to 1' arrangement in relation to front of engine and 6" to 1' details of components	- .10.15	1915	G58	J17	PT	117	-
20407	~~Four Wheels Coupled Bogie Express Engines Class T19 Belpaire-Arrangement and Details of Screens for Preventing Searchlight Effect from Firehole~~	1 1/2" to 1' with full size details	5.10.15	1915	T19	-	PT	67	-
20450	Diagram of Average Gradients Liverpool Street to Cromer	1/2" to 1 mile horizontal scale	12.10.15	1915	-	-	PT	72	-
20457	Glare Screen for Crane Engines B, C and D	1 1/2" to 1' arrangement of canvas screen and ring fittings	19.10.15	1915	204	J92	PT	145	-
20463	~~Six Wheels Coupled Goods Engines Class T14 with Mogul Tenders and N31 Class Engines with 0255 Class Tenders-Arrangement of Fire Hole Glare Screens~~	1 1/2" to 1' arrangement of screen over footplate, 3" to 1' details of fittings	- .10.15	1915	Y14 N31	J15 J14	PT	116	-
20516	Diagram of Proposed Ambulance Train for France	1/8" to 1' interior plan of 16 carriage train, 8 x 54' ward cars, rest 50' stock Endorsed: No 28 Train; superseded by Dg No 20698	10.11.15	1915	-	-	PT	127	-
20517	Diagram of Norfolk Coast Express	1/16" to 1' outline elevation and plan of 15 coach train	11.11.15	1915	-	-	PT	100	-
20534	No 28 Ambulance Train for France-Kitchen & Mess Room Car	3/8" to 1' interior plan of 50' carriage	5.9.16	1916	-	-	PT	81	-
20535	No 28 Ambulance Train for France-Kitchen & Stores Car	3/8" to 1' interior plan of 50' carriage	- .8.19	1919	-	-	PT	85	-
20536	No 28 Ambulance Train for France-Pharmacy Car	3/8" to 1' interior plan of 50' carriage	27.11.15	1915	-	-	PT	81	-
		3/8" to 1' interior plan of 54' carriage							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20537	No 28 Ambulance Train for France-Staff Car	Endorsed: renewal original tracing dated 25.11.15	30.4.17	1917	-	-	PT	81	-
20538	Ambulance Train for France No 28 Plan of Staff Car	3/8" to 1' plan of interior of 54' body	23.11.15	1915	-	-	PT	4	-
20539	No 28 Ambulance Train for France-Personnel Car	3/8" to 1' interior plan of 50' carriage	7.9.16	1916	-	-	PT	100	-
20540	No 28 Ambulance Train for France-Brake & Stores Car	3/8" to 1' interior plan of 50' carriage	11.8.16	1916	-	-	PT	81	-
20547	Diagram of Werry Engine with Approximately the Same Tractive Power as a Six Wheels Coupled Tank Engine R24 Class	1 1/2" to 1' diagram with comparative table of dimensions	25.11.15	1915	-	-	PT	74	-
20549	Arrangement of 17'0" Low Sided Wagon L79 Class	1 1/2" to 1' general arrangement of dropside wagon My comment: not built for GER traffic	- .7.17	1917	L79	-	PT	171	-
20552	No 28 Ambulance for France-Ward Cars	3/8" to 1' interior plan of 54' carriage	- .8.19	1919	-	-	PT	100	-
20553	No 28 Ambulance Train for France-Brake & Infectious Ward Car	3/8" to 1' interior plan of 50' carriage Endorsed: corrected to 1.6.16	- .8.19	1919	-	-	PT	100	-
20554 Ren	No 28 Ambulance Train for France-Car for Sitting Up Cases	3/8" to 1' interior plan of 50' carriage Endorsed: corrected to 1.6.16; renewal tracing, original dated 2.12.15	21.9.16	1916	-	-	PT	100	-
20557	No 22 Ambulance Train for Home Service-Pharmacy Car	3/8" to 1' interior plan of 50' carriage with bath	2.12.15	1915	-	-	PT	100	-
20600	Proposed Arrangement for Converting Landauet to Delivery Van for Use of the Mechanical Engineer's Department	1 1/2" to 1' outline elevations of vehicle	3.1.16	1916	-	-	PT	9	-
20606	Body Arrangement of Body of Motor Delivery Van for Use of Chief Engineer's Department LM7572	1 1/2" to 1' arrangement of body 8'8 1/4" long to carry 30cwt shown on outline of chassis	21.1.16	1916	LM7572	-	PT	139	-
20612	No 6A 35 Tons Steam Accident Crane-Diagram Showing Wheelbase and Weights	1/8" to 1' outline side elevation with details of lift and travel	13.1.16	1916	-	-	PT	114	-
20671	Six and Four Wheels Coupled Tank Engines Classes L77 and P55 and G69 Types N7, F4, 5 & 6- Arrangement of Radial Axle Box	3" to 1' elevations and sections	- .1.16	1916	L77 P55 G69	N7 F4 F6	PT	34	-
20691	Proposed Main Line Carriages 54Ft Long-Brake Van	3/8" to 1' interior arrangement of van My comment: not built	11.4.16	1916	-	-	PT	66	-
20691	Proposed Main Line Carriages 54Ft Long-Brake Van	3/8" to 1' interior plan of corridor luggage/guard, 3	11.9.16	1916	-	-	PT	87	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-1	Proposed Main Line Carriages 54ft Long-brake van	pairs of side doors	11.9.16	1916	-	-	PT	87	-
20692 -1	Proposed Carriages 54 Ft Long-Southend Third	3/8" to 1' interior plan, 8 compartments	11.9.16	1916	-	-	PT	9	-
20692	Proposed Carriages 54Ft Long Southend Third	3/8" to 1' outline plan of 9 compartment non corridor carriage	11.4.16	1916	-	-	PT	87	-
20693	Elevations of 54ft Suburban Composite Carriage with Proposed Enamelled Steel Panels	¾" to 1' side and end elevation of carriage with panelling detail	10.2.16	1916	-	-	PT	118	-
20694	Enfield Bogie Suburban Train Alteration from Rising Beams to Laminated Bearing Springs	1½" to 1' elevation and plan of 6 wheel bogie and details	27.3.16	1916	-	-	PT	9	-
20697	Elevations of 54ft Suburban Composite Carriage	¾" to 1' side and end elevations of carriage with conventional wood panels	11.2.16	1916	-	-	PT	118	-
20698	Diagram of No 28 Ambulance Train for France	1/8" to 1' interior plan of 16 coach train, 7 x 50' and 9 x 54' stock	10.2.16	1916	-	-	PT	55	-
20699	Six Wheels Coupled Goods Engine Class Y14 Fitted with Steam Brake Arrangement of Electro Mechanical Train Control	1½" to 1' arrangement of gear Endorsed: cancelled see new drawing same number 12.1.22; for details see Dg No 20720	- .2.16	1916	Y14	J15	PT	9	-
20699	Six Wheels Coupled Goods Engine Fitted with Steam Brake-Arrangement of Electro-Mechanical Train Control	1½" to 1' arrangement of gear in cab of unidentified engine	15.5.22	1922	-	-	PT	63	-
20721	Electro Mechanical Train Control	6" to 1' arrangement of gear and full size details of components	8.3.16	1916	-	-	PT	85	-
20722	Electro Mechanical Train Control	1½" to 1' part side elevation of Claud Hamilton class showing arrangement of gear	8.5.16	1916	-	-	PT	85	-
20729	Sketch of Carriage Lamp Showing Method of Screening	6" to 1' side elevation of lamp showing all but bottom 3" dia of globe painted dull black	15.3.16	1916	-	-	PT	85	-
20766	Diagram of Proposed Train Demonstrating Poultry Rearing	¼" to 1' interior plans of 4 x 6 wheel carriage vans and 50' restaurant car all with corridor connections Endorsed: for later diagram see Dg 21231	13.4.16	1916	-	-	PT	75	-
20768	Arrangement of Brake Van for Royal Train	¾" to 1' general arrangement of 50' body	7.7.16	1916	H79	546C	PT	80	-
20771	Six Wheels Coupled Goods Engines Class G58 (J17)-Boiler	1" to 1' general arrangement of boiler and full size details of riveting Endorsed: numerous alterations	31.10.16	1916	G58	J17	PT	140	-
20773	South Western & Midland Railway Companies-Somerset & Dorset Joint Line-Load Gauge	1" to 1' dimensioned profile of gauge Endorsed: ambulance Train No 22 to run over SW & MR Cos Somerset & Dorset Joint Line	25.4.16	1916	-	-	PT	140	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of S&DJR Dg No 5165 dated 15.4.10							
20776	Spare Bogie P47 Class-Altered for Use Under Converted Suburban Carriages	1½" to 1' arrangement of bogie and 3" to 1' details of modifications, shortening springs from 5' to 4'6" centres Endorsed: for further dimensions of bogies see Dg No 10680 and 11078	30.5.16	1916	P47	-	PT	140	-
20777	Spare Bogies to Dg Nos 13665 & 11507 Altered for Use Under Converted Suburban Carriages	1½" to 1' arrangement of bogie and 3" to 1' details of components Endorsed: the two bogies to this elevation were previously fitted with Timmis' bogie suspension gear; altered to red to suit 4'6" bearing springs Dg No 22701	29.5.16	1916	-	-	PT	140	-
20808	End Profile and Diagram Showing Maximum Dimensions of Carriages of No 28 and 36 Ambulance Train	¼" and 1½" to 1' outline side elevation of 54' coach with 50' vehicle dimensions in red for No 36 Train	16.5.16	1916	-	-	PT	41	-
20812	Arrangement of Dual Brake for Cattle Wagons	1½" to 1' arrangement of steel underframe and running gear. Endorsed 20 cattle wagons fitted with Vacuum brake to be altered to this Endorsed: for details see Dg No 14819 and 20811	25.5.16	1916	-	-	PT	43	-
20957	Load Plate for Passenger Brake Vans and Brake Thirds	¾" to 1' and full size, 9 part side elevations showing position of plates and full size drawings 4 types of plates of 2, 3½, 4 and 7 ton capacity	20.7.16	1916	-	-	PT	32	-
20962	Six Wheels Coupled Coal Engines Class T77 Fitted with Robinsons Superheater Smokebox	3" to 1' dimensioned arrangement of smokebox and sectional views	- .7.16	1916	T77	J19	PT	42	-
20977	Proposed Kiosk for Fenchurch Street Station	½" to 1' elevations and plan of free standing timber kiosk	8.8.16	1916	-	-	PT	44	-
20977 -1	Proposed Kiosk for Fenchurch Street Station	½" to 1' elevations and plan of free standing timber kiosk	8.8.16	1916	-	-	PT	44	-
20977 -2	Proposed Kiosk for Fenchurch Street Station	½" to 1' elevations and plan of free standing timber kiosk	8.8.16	1916	-	-	PT	44	-
20977 -3	Proposed Kiosk for Fenchurch Street Station	½" to 1' elevations and plan of free standing timber kiosk	8.8.16	1916	-	-	PT	44	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21023	Arrangement of Large One Horse Van	1½" to 1' general arrangement of 10' 4 wheeled van to carry 2 tons 10 cwt	22.8.16	1916	-	-	PT	68	-
21025	General Arrangement of Cattle Wagon Class 179	1½" to 1' general arrangement of 18'7" wagon Endorsed: vacuum and Westinghouse pipes not to be fitted unless specified	1.9.16	1916	179	71W	PT	68	-
21032	Limber BL 6In Gun and 8In Howitzer Mark L	1½" to 1' general arrangement of 2 wheel limber	9.9.16	1916	-	-	PT	140	-
21095	Four Wheels Coupled Tank Engines Class G69- Arrangement of Electro-Mechanical Control	1½" to 1' arrangement in relation to part of engine and 3" to 1' details of components My comment: undated alterations	4.10.16	1916	G69	F6	PT	117	-
21118	Radiator for No 3 Motor Lorry	6" to 1' arrangement of radiator and full size details	- .9.16	1916	-	-	PT	68	-
21229	Carriage, Travelling, B.L. 6 Inch Gun Mark V./L/.	1½" to 1' general arrangement of 2 wheeled artillery gun Copy of Dg No RCD 14546 dated 20.7.16 My comment: a fine drawing of a First World War field gun	20.7.16	1916	-	-	PT	143	-
21231	Diagram of Train for Demonstrating Poultry Rearing	¼" to 1' interior plan view of train comprising restaurant car and 5 31'4½" open gangwayed covered carriage trucks	7.9.16	1916	-	-	PT	143	-
21232	Four Wheels Coupled Radial Tank Engines G69 Class- Automatic Vacuum & Pressure Valve	Full size arrangement of valve	27.10.16	1916	G69	F6	PT	143	-
21235	Diagram of Tank for Carrying Petroleum	½" to 1' outline side elevation of 2,640 gallon capacity tank	25.10.16	1916	-	-	PT	142	-
21242	Four Wheels Coupled Radial Tank Engines G69 Class (F5 & F6)-Vacuum Brake Ejector Arrangement	1 ½" to 1' arrangement of ejector on engine with 3" and 6" to 1' details of components Endorsed: altered 10.1.28 and 9.50	- .11.16	1916	G69	F5 F7	PT	5	-
21244	Arrangement of One Horse Express Parcel Van	1½" to 1' general arrangement 4 wheels 7'10½" inside, load 1 ton 5 cwt. Endorsed: see Dg No 27412 for half boarded fronts	13.11.16	1916	-	-	PT	5	-
21252	White Glazed Earthenware Urinals for Guards Vans	Full size elevations and plan of urinal	7.11.16	1916	-	-	PT	122	-
21260	Diagram of No 22 Ambulance Train (Home Service)	1/8" to 1' interior plan of 10 coach train of 50' stock	13.11.16	1916	-	-	PT	127	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21262	Observation Platform and Folding Steps for First Class Saloon	1" to 1' elevations and plan of observation platform with collapsible gates and arrangement of folding steps and supplementary diagram of saloon showing wheelbase 1/4" to 1' length 50' bogie centres 36'	17.11.16	1916	-	-	PT	23	-
21264	Diagram of Electro Mechanical Train Control	1" to 1' side elevation of apparatus and comprehensive explanation, cab and bunker end of 2-4-2T engine	21.12.16	1916	-	-	PT	23	-
21265	20 Ton Covered Goods Wagon-Arrangement of Body	1" to 1' detailed arrangement of 25' body Endorsed: for France; superseded by Dg No 21313 dated 16.3.17	2.12.16	1916	-	-	PT	29	-
21266	20 Ton Covered Goods Wagon-Arrangement of Underframe	1" to 1' detailed arrangement of 25' underframe, wheelbase 13'3" Endorsed: for France	5.12.16	1916	-	-	PT	29	-
21301	Diagram of Auto Train for White Hart Lane & Cheshunt Service	1/4" to 1' interior plan of 3 coach train, diagrams 240, 417 and 433, 417 altered to 434. Endorsed: 3rd's in dia 240 altered to 2nd class 16.4.34 My comment: title altered to read Palace Gates Service	29.11.16	1916	-	240C 417C 433C 434C	PT	111	-
21312	Arrangement of 20 Ton High Sided Wagon	1" to 1' general arrangement of 25' wagon, double side doors, depth 4'9" with sheet rail Endorsed: wagons for France	18.12.16	1916	-	-	PT	86	-
21313	20Ton Covered Goods Wagon-Arrangement of Body	1" to 1' general arrangement of 25' covered van, 13'3" wheelbase, corrugated iron roof with 6" to 1' scale detail of doorway Endorsed: for France	13.12.16	1916	-	-	PT	86	-
21315	Arrangement of 20 Ton Low Sided Wagon	1" to 1' general arrangement of 25' wagon, 12' wheelbase, depth 1'11 5/8" with off centre side door and inward hinged end doors Endorsed: for France	8.12.16	1916	-	-	PT	86	-
21354	Diagram of No 3 Ambulance Train (Home Service)	1/8" to 1' interior plan of 10 coach train, 50' stock and a 48'3" kitchen and sleeping car Endorsed: this drawing supersedes Dg 18810	19.1.17	1917	-	-	PT	100	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21370	Class QI (Large Bogie Wheels)	¼" to 1' diagram of SE&CR 0-4-4 Tank, Ashford drawing 8.1.17	15.1.17	1917	-	-	PT	31	-
21371	Class FI	¼" to 1' diagram of SE&CR 4-4-0, Ashford drawing 8.1.17							
21372	Washer Plates for Side Chains for Wagons with Wooden Headstocks	6" to 1" details of inside and outside plates My comment: for wagons built for France	15.1.17	1917	-	-	PT	46	-
21373	Wagons for Overseas-Makers Plate Cast Iron-2 per Set	Full size details of standard GER 9" by 7" elliptical makers date plate	16.1.17	1917	-	-	PT	48	-
21377	(Automatic Air Relay Valve-Sheet A)	Unscaled diagram of Vacuum brake automatic air relay valve and track side trip My comment: drawing signed by J.G. Robinson 14.11.16	22.1.17	1917	-	-	PT	41	-
21378	(Automatic Air Relay Valve-Sheet B)	Unscaled diagram of Vacuum brake automatic air relay valve and track side trip My comment: drawing signed J.G. Robinson 14.11.16	22.1.17	1917	-	-	PT	41	-
21380	Diagrams of Platform Barrows showing position of Chain for Securing Barrows when not in Use-Small Luggage Barrow	1" to 1' side and end elevation	9.2.17	1917	-	-	PT	4	-
21381	Diagrams of Platform Barrows showing position of Chain for Securing Barrows when not in Use-Small Luggage Heavy Barrow								
21382	Diagrams of Platform Barrows showing position of Chain for Securing Barrows when not in Use-Large Luggage Barrow								
21391	Wagons for Overseas Arrangement of Lettering, etc. 20 Ton High Sided Wagon	1" to 1' elevation of c.24'9" 8 plank open. Endorsed: superseded by Dg No 21409 5.2.17	30.1.17	1917	-	-	PT	4	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21392	Wagons for Overseas Arrangement of Lettering for Low Sided Wagon	1" to 1' elevation of 24'9" 3 plank open. Endorsed: superseded by Dg No 21410 6.2.17	30.1.17	1917	-	-	PT	4	-
21393	Wagons for Overseas Arrangement of Lettering for Covered Goods Wagons	1" to 1' elevation of 24'9" wagon with corrugated roof Endorsed: superseded by Dg No 21408 2.2.17	30.1.17	1917	-	-	PT	4	-
21408	Wagons for Overseas-Arrangement of Lettering for Covered Goods Wagons	1" to 1' outline elevation of van 3.75m long and schedule of wagons built by the various railways and their numbers Endorsed: for details of lettering see GE Dgs No 21404, 21405 and 21407	2.2.17	1917	-	-	PT	43	-
21409	Wagons for Overseas-Arrangement of Lettering for Highside Wagons	1" to 1' outline side elevation of 8 plank wagon, 3.75m long. Endorsed: for details of lettering see GE Dgs No 21404, 21405 and 21407	5.2.17	1917	-	-	PT	43	-
21410	Wagons for Overseas-Arrangement of Lettering for Lowsided Wagons	1" to 1' outline side elevation of 3 plank truck, 3.75m long. Endorsed: for details of lettering see GE Dgs No 21404, 21405 and 21407	6.2.17	1917	-	-	PT	43	-
21413	Diagram of Lifting Tackle for Y14 Class Goods Engines	3/8" to 1' elevation and plan showing method of lifting by use of spreader	7.2.17	1917	Y14	J15	PT	114	-
21419	Diagram of Lifting Tackle for S23 Class Tenders	3/8" to 1' elevation and plan showing method of lifting by use of spreader	7.2.17	1917	S23	-	PT	114	-
21426	Passenger Tank Engine Type 0-4-4	¼" to 1' side and end elevation with weights and dimensions class D3 Copy of LB&SCR Dg No 1771	5.2.17	1917	-	-	PT	108	-
21440	Third Class Carriage No 1338 showing the Door Open and Passing an Ordinary Suburban Composite Third Class Brake	1" to 1' end profile showing door conflicting with guards lookout	2.3.17	1917	-	-	PT	89	-
21470	Horse Box-Diagram Showing Maximum Heights and Widths	1½" to 1' end profile showing dimensions of 16'8" and 20'2" horseboxes	15.3.17	1917	-	17M 28M	PT	88	-
21480	Kiosk for Fenchurch Street Station	½" to 1' detailed elevations of ornate kiosk 18' x 6' deep with leaded lights and columns	22.3.17	1917	-	-	PT	91	-
21489	Diagram of Emergency Train for War Office	1/8" to 1' interior plan of 8 coach train, 7 x 50', 1 x 48'3" Sn No 51 and 5 x 21' open carriage trucks dia 7M	26.3.17	1917	-	-	PT	100	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: superseded by diagram Dg No 21539 dated 19.5.17							
21491	Office for Emergency Train for War Office	3/8" to 1' interior plan of 50' carriage Endorsed: office converted from brake van diagram 535	6.3.17	1917	-	535C	PT	38	-
21502	Electro Mechanical Train Control-Arrangement of Double Ramps	1 1/2" to 1' section of track, with ramp showing relationship to gear on engine	18.4.17	1917	-	-	PT	34	-
21503 -I	Engines Type J15-Spark Arrestor for Chimney Top	6" to 1' section and plan	26.7.17	1917	-	J15	PT	38	-
21510	Conversion of Double Bolster Wagons to Suit Military Traffic-Arrangement and Details	1 1/2" and 3" to 1' outline of 22'9" wagon, with bolster removed and side rail made continuous to suit conveyance of road vehicles. Endorsed: wagon to be marked For Military Traffic, the end of the wagon to be removed	1.6.17	1917	-	30W	PT	38	-
21512	Conversion of 4 Wheel Brake Thirds to 15 Ton Goods Brakes for Overseas Suggested Method of Weighting Vehicles with Concrete	1" to 1' outline elevation of carriage to diagrams 503 and 521, Westinghouse brake removed, gas lamps replaced by oil. Endorsed: the word 'Suggested' subsequently deleted	28.4.17	1917	-	503C 521C	PT	38	-
21516	Ambulance Train for Overseas	1/8" to 1' plan of 17 coach train of 50' stock with dimensioned interiors, overall length 901'1 1/2"	2.5.17	1917	-	-	PT	34	-
21519	Profile of No 51 Saloon	1 1/2" to 1' outline dimensioned end elevation Endorsed: made in connection with Emergency Train for the War Office	5.5.17	1917	-	23C	PT	34	-
21521	Diagram-Various Particulars of Carriage Bogie and Underframe	1 1/2" to 1' outline elevations of 8' wheelbase bogie	4.6.17	1917	-	-	PT	98	-
21523	Ambulance Train for France-Diagram of Personnel Car	3/8" to 1' interior plan of 50' carriage with 30 beds	10.5.17	1917	-	-	PT	75	-
21524	Ambulance Train for France-Diagram of Staff Car	3/8" to 1' interior plan of 50' carriage	10.5.17	1917	-	-	PT	98	-
21524 Att	Ambulance Train for France-Diagram of Staff Car	3/8" to 1' interior plan of 50' carriage Endorsed: alternative layout of officers mess room	10.5.17	1917	-	-	PT	98	-
21524	Ambulance Train for France-Infectious Car for Sitting	3/8" to 1' interior plan of 50' carriage	9.5.17	1917	-	-	PT	98	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21528	Up Cases Showing Sizes of Doorways	3/8" to 1' interior plan of 50' Carriage	2.5.17	1917	-	-	PT	76	-
21530	Ambulance Train for Overseas-Brake and Infectious Ward Car	3/8" to 1' interior plan of 50' carriage	30.5.17	1917	-	-	PT	75	-
21531	Designation Plate for Boilers with Steel Fireboxes	Full size details of plate 5 1/4" x 2 1/2" 'Steel Firebox', painted red	- .5.17	1917	-	-	PT	50	-
21536	No 36 Ambulance Train for France-Brake and Stores Car	3/8" to 1' interior plan of 50' carriage converted from brake 3rd	18.9.18	1918	-	-	PT	50	-
21539	Diagram of Emergency Train for War Office	1/8" to 1' plan of 8 carriage train plus 5 open carriage trucks	19.5.17	1917	-	-	PT	50	-
21539 -I	Diagram of Emergency Train for War Office	1/8" to 1' plan of 8 coach train plus 5 open carriage trucks	16.8.14	1914	-	-	PT	50	-
21543	Diagram of No 36 Ambulance Train for Overseas	1/8" to 1' plan of 16 coach train of 50' stock fitted with electric light, steam heating and Westinghouse brake	23.5.17	1917	-	-	PT	50	-
21547	No 36 Ambulance Train for Overseas Kitchen and Sick Officers Car	3/8" to 1' interior plan, converted from brake 3rd No 340	6.6.17	1917	-	-	PT	50	-
21550	G69 Engine Attachment for Testing Obstructions Above Rail Level for Electro Mechanical Train Control (Twin Ramps)	1/2" and 3" to 1 1/2" of attachment fitted to front buffer beam of engine Endorsed: see also Dg No 21304 for additional component	12.6.17	1917	G69	F6	PT	50	-
21553	Alteration to Position of Front Top Lamp for 700, 1150, 1240, 1500 and 1900 Class Engines (also 1000 Class)	3" and 6" to 1' showing new position on firebox door and arrangement of lamp iron	8.6.17	1917	-	-	PT	73	-
21573	Railway Permanent Way Gauges (3Ft Upwards)	Schedule showing 12 different gauges up to 5'6" used world wide of which standard gauge at 4'8 1/2" is the most popular	- .5.17	1917	-	-	PT	89	-
21584	Suggested Conversion of 4 Wheeled Underframes for Platform Wagons for France	3/4" to 1' outline plan and elevation of pair of 26' 10 1/2" frames with a bolster on each with a combined central dumb buffer and coupling	21.6.17	1917	-	-	PT	11	-
21586	Wagon Brakes (Coalition Type) Sketch Showing Possible Position of Lever and Clutch	3" to 1' detail of brake lever bracket bent inwards making clutch inoperative Endorsed: sketched from wagon No 15120	22.6.17	1917	-	-	PT	78	-
21588	Diagram Showing Maximum Dimensions of Present Standard Main Line Carriages with Ordinary Compartments	1/4" to 1' side elevation of 50' carriage with dimensions and standard load gauge	5.7.17	1917	-	-	PT	10	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21589	Diagram Showing Maximum Dimensions of Present Standard Suburban Carriages with Ordinary Compartments	1/4" to 1' side elevation of 54' carriage with dimensions and standard load gauge	5.7.17	1917	-	-	PT	10	-
21618	Four Wheeled Timber Carriage	1" to 1' general arrangement, to carry 4 tons	24.7.17	1917	-	-	PT	22	-
21628	Six Wheeled 20 Ton Goods Brakes-Arrangement of Brakework to Obtain Equal Pressure on Each Block	1 1/2" to 1' sectional elevations and plan showing brake rigging Endorsed: for details see Dg 21635	7.8.17	1917	-	49W	PT	86	-
21664	Locomotive Types	Diagram showing wheel arrangements and list of United States names e.g. 0-4-0 is a 4 wheel switcher	8.9.17	1917	-	-	PT	18	-
21667	Loading Plate for Military Traffic Wagons	Full size elevations and section of 1'3 3/4" x 5" C.I. plate lettered 'Military Traffic Stock./To be Loaded/to GE Stations Only' in 7/8" characters	17.9.17	1917	-	-	PT	125	-
21668	Diagram of Low Sided Military Traffic Wagon Showing Position of Loading Plate	1" to 1' outline side elevation of 3 plank wagon with C.I. plate fixed centrally on middle plank Endorsed: for details of plate see Dg No 21667	18.9.17	1917	-	68W	PT	125	-
21673	Electro-Mechanical Train Control-Electro Magnet and Bracket	Full size arrangement	26.9.17	1917	-	-	PT	129	-
21684	Ambulance Train for USA Army-Personnel and Ward Car	3/8" to 1' interior plan of car lettered 'C'	9.10.07	1907	-	-	PT	127	-
21685	Ambulance Train for USA Army-Staff Car	3/8" to 1' interior plan of car lettered 'B'							
21686	Ambulance Train for USA Army-Kitchen & Mess Room Car	3/8" to 1' interior plan of car lettered 'D2'							
21687	Ambulance Train for USA Army-Kitchen & Sick Officers Car	3/8" to 1' interior plan of car lettered 'D1'							
21688	Ambulance Train for USA Army-Brake & Stores Car	3/8" to 1' interior plan of 54' carriage lettered 'E'	12.17	1917	-	-	PT	127	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21691	Ambulance Train for USA Army-Brake & Infectious Ward Car	3/8" to 1' interior plan of 54' carriage lettered 'A10'	5.12.17	1917	-	-	PT	127	-
21689	Ambulance Train for USA Army-Pharmacy Car	3/8" to 1' interior plan of 54' carriages lettered 'F' Endorsed: cancelled see below	-	-	-	-	-	-	-
21689	Ambulance Train for USA Army-Pharmacy Car	3/8" to 1' interior plan of 54' carriage lettered 'F'	5.10.17	1917	-	-	PT	127	-
21690	Ambulance Train for USA Army-Ward Car	3/8" to 1' interior plan of 54' carriages lettered 'A1' to 'A9'	-	-	-	-	-	-	-
21709	First Class Saloon Proposed Arrangement of Observation Platform	1½" to 1' arrangement of platform, steps and railings, and ¼" to 1' diagram showing wheelbase of 54' saloon	5.10.17	1917	-	-	PT	18	-
21715	Ambulance Train For USA Arrangement of Body for Ward Cars M80	¾" to 1' side elevation of 54' body, part elevation of lavatory side of body and plan	5.11.17	1917	M80	-	PT	3	-
21718	Ambulance Train for the U.S. Army-Diagram Showing Positions of W.H. Brake Pipes, Steam Heating Pipes and Dynamos	Unscaled plan of train, no internal detail My comment: right hand end torn, but rolled in with drawing	24.10.17	1917	-	-	PT	55	-
21719	Carriage Gas Reservoirs	3" to 1' of 6'2" long reservoirs, 1'4" and 1'8" diameter	25.10.17	1917	-	-	PT	3	-
21729	Overseas Transportation Gauge and French Ouest Running Gauge	1/20 composite loading gauge	26.11.17	1917	-	-	PT	57	-
21730	Diagram of Ambulance Train for U.S. Army	1/8" to 1' interior plan of 16 coach train of 54' stock	9.11.17	1917	-	-	PT	79	-
21733	Position and Details of New Floor Bearers on Underframe of Fish Wagon	1" and 3" to 1' arrangement of bearers and details of parts for 15' wagon	15.11.17	1917	-	54W	PT	79	-
21734	Workshop Repair Van-Office and Stores Van-Proposed Arrangement of Interior	1" to 1' plan of interior Endorsed: converted from 20 Ton Covered Goods Wagon (Overseas) Dg 21313	5.11.17	1917	-	-	PT	80	-
21735	Workshop Repair Train for War Office-Arrangement of Tool Van	1" to 1' interior elevations and plan Endorsed: vehicle converted from Overseas Covered Goods Wagon	3.1.17	1917	-	-	PT	80	-
21736	Workshop Repair Train-Arrangement of Office and	1" to 1' interior elevations and plan of 25' 4 wheel van	16.10.18	1918	-	-	PT	80	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21736	Stores Van	Endorsed: for body see Dg 21313 converted from 20 Ton covered goods Wagon (Overseas)	18.10.18	1918	-	-	PT	80	-
21737	Workshop Repair Train for Overseas-Arrangement of Body for Generating and Machinery Vans	1" to 1' general arrangement of 25' 4 wheel van with corrugated iron roof Endorsed: see Dg 21266 for underframe	31.12.17	1917	-	-	PT	80	-
21740	Workshop Repair Train for War Office-Layout of Machinery	½" to 1' interior plan of machinery in two 26' vans	29.12.17	1917	-	-	PT	101	-
21740 -I	Workshop Repair Train for the War Office-Layout of Machinery	½" to 1' interior layout of Machinery Vans Nos 1 and 2	30.1.18	1918	-	-	PT	116	-
21743	Workshop Repair Train for Egypt-Proposed Arrangement of Machinery in Generating Car-Facilities for Starting up from Outside	¾" to 1' sectional elevations and plan of machinery in 26' van Endorsed: cancelled see Dg No 21877	24.1.18	1918	-	-	PT	101	-
21744	Workshop Repair Train for Egypt-Diagram of Connections, Distribution, Switch Gear and Train Wiring	1" to 1' interior plans of 5 vans-generator car, machine vans Nos 1 & 2, tool and officers & stores van	30.1.18	1918	-	-	PT	101	-
21764	Alterations to Tube Spacing Class D56 (Superheater)	3" to 1' sectional elevations of tube plates	2.1.18	1918	D56	D15	PT	140	-
21809	Suggested Alteration to Low Floored Milk Van to Enable it to Run Round a 3½ Chain Curve	1½" and 3" to 1' sectional plan of centre wheels and provision of new centre axlebox	22.12.17	1917	-	22M	PT	121	-
21827	Furness Railway 0-6-0 Type Goods Engines	½" to 1' outline side elevation of engine Endorsed: traced from blueprint No 8960 dated 10.4.13 for Furness Rly Barrow	16.1.18	1918	-	-	PT	90	-
21828	Association of Railway Locomotive Engineers-Proposed 2-6-0 Standard Goods Engine	¼" to 1' side and end elevations Copy of Midland Dg No S1734 dated 3.12.17	23.1.18	1918	-	-	PT	90	-
21829	Association of Railway Locomotive Engineers-Proposed 2-8-0 Standard Engine	¼" to 1' side elevation of engine Copy of Midland Dg No S3346 dated 3.12.17	5.2.18	1918	-	-	PT	90	-
21836	Extension Beam for Single Bolster Wagons	1" to 1' elevations and plan of pair of 12' bolster wagons linked by lattice girder 15' long, secured to drawbars, buckling weight 55 tons	2.2.18	1918	-	66W	PT	32	-
21836 -I	Extending Beams for Single Bolster Wagons	1" to 1' side elevation and plan of 12' bolster wagons linked by pair of beams providing a 15' span between the two wagons coupled by a tie rod	6.2.18	1918	-	-	PT	101	-
21837	Arrangement of First Class Saloon F80	¾" to 1' general arrangement of 54' body. Endorsed: cancelled see 21936	8.2.18	1918	F80	34C	PT	5	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21838	Arrangement of Underframe for First Class Saloon F80	¾" to 1' arrangement of underframe with brakes and lighting gear. Endorsed: for new arrangement see Dg No 32193	-	1918	F80	34C	PT	5	-
21843	Class N Engine Built 1917	¼" to 1' diagram of 2-6-0 engine Copy of SE&CR Dg No S1577 dated 5.12.17	9.2.18	1918	-	-	PT	16	-
21844	Inspection Train for Overseas	1/4" to 1' interior plan of train of 5 carriages and 2 x 30' vans for motor cars	10.2.18	1918	-	-	PT	127	-
21844 -I	Inspection Train for Overseas	1/4" to 1' interior plan of train of 5 carriages and 2 x 30' vans for motor cars	23.2.18	1918	-	-	PT	127	-
21855	Association of Locomotive Engineers-End View of Proposed 2-8-0 Standard Engine	1" to 1' end view. Copy of Midland Rly Dg No S-3327 dated 3.12.17	18.2.18	1918	-	-	PT	37	-
21858	Association of Railway Locomotive Engineers-End View of Proposed 2-6-0 Engine	½" to 1' outline end elevations Copy of Midland Rly Dg S1719 dated 3.12.17	- .2.18	1918	-	-	PT	79	-
21860	First Class Saloon-Proposed Arrangement of Compartments	3/8" to 1' interior plan of partitions for 54' body	27.2.18	1918	-	-	PT	128	-
21863	Workshop Repair Train for Egypt-Arrangement of Line Shafting and Pulleys in Machine Vans	½" to 1' sectional side elevations and plans of vans Nos 1 and 2 Endorsed: for cross section of vehicles see Dg No 21741	- .3.18	1918	-	-	PT	101	-
21867	Diagram Showing Clearance Between Axleguards and Axleboxes on 6 Wheeled Carriages	¾" to 1' outline sketch plan showing clearance dimensions	12.3.18	1918	-	-	PT	101	-
21877	Workshop Repair Train for Overseas-Arrangement of Machinery and Tanks in Generating Car with Ironwork Details for Fixing, etc.	1" and 3" to 1' and full size layout of equipment in 4 wheel van and details	29.7.18	1918	-	-	PT	35	-
21878	Six Wheels Coupled Radial Tank Engines Class K85	1 ½" and 6" to 1' arrangement with ancillary fittings Endorsed: altered 3.24 and 15.9.31	- .9.20	1920	-	-	PT	14	-
21881	'Beard' System of Refrigerating Wagons Arrangement and Details for Fitting Covered Goods Wagons with this System	1 ½" to 1' arrangement of system and section of van body and 3" and 6" to 1' and full size details of fittings	25.5.18	1918	-	-	PT	12	-
21881 Part	Arrangement of Tank at the Ends of 10 Tons Covered Goods Wagons (Beards System)	½" to 1' arrangement of refrigerating tank Endorsed: superseded by No 21881	20.3.18	1918	-	-	PT	12	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21903	Diagram Showing Maximum Bending Moments	¼"to 1' and 1" to 100 ft tons for 5 engine types	2.4.18	1918	-	-	PT	13	-
21909	Proposed Six Wheels Coupled Goods Engine	1" to 1' side and end elevation of engine	11.4.18	1918	-	-	PT	12	-
21910	Conversion of Composite Carriages to General Vans Arrangement and Details of Hand Brake,etc.	1½" and 3" to 1' elevation and plan of 6 wheeled underframe 31'6" wood framed stock. Endorsed: for underframe see Dg No 5449	- .5.18	1918	-	45M	PT	12	-
21913	Tyre Sections of GER Rolling Stock	Full size sections of 8 different tyres	23.4.18	1918	-	-	PT	7	-
21914	GER Stratford Works April 1918 Instructions for Packing Wagon Axleboxes with Waste for Lubrication	Diagrammatic front elevation and sectional side view of axlebox with written instructions for packing.	19.4.18	1918	-	-	PT	7	-
21931	Covered Goods Wagons (19Ft and 19Ft 3Ins) Arrangement for Insulating these Wagons for the Conveyance of Meat	1½" to 1' arrangement of body interior only 3" to 1' detail of door cill Endorsed: paint white disc 2Ft diameter each side on the right hand quarter	16.5.18	1918	-	47W 72W	PT	109	-
21934	Sketch of Loading Ramp for Cattle Wagons	¾" to 1' arrangement of inclined ramp used at ground level, 1½" to 1' details of construction	13.5.18	1918	-	-	PT	109	-
21936	Sectional Plan of First Class Saloon F80	¾" to 1' plan of 55' saloon showing construction and partitions Endorsed: superseded by Dg No 21944	16.5.18	1918	-	-	PT	109	-
21937	Instruction Plate for Sleeper Wagons Attached to Ponders End Creosoting Works	Full size drawing of plate 1'2 11/16" x 2 1/8" inscribed 'Empty to Ponders End and 1½" to 1' detail of position of plate on wagon	16.5.18	1918	-	43W	PT	109	-
21940	Saloon for Emergency Train for War Office	3/8" to 1' interior plan of conversion of Sn 51	26.3.17	1917	-	23C	PT	100	-
21940 -1	Saloon for Emergency Train for War Office	3/8" to 1' interior plan of conversion of Sn 51 Endorsed: for modification to compartments see Dg No 21629	28.7.17	1917	-	23C	PT	100	-
21944	Arrangement of First Class Saloon F80	¾" to 1' general arrangement of body and interior	24.6.18	1918	F80	34C	PT	64	-
21949 -1	Engines Class D81-Sets of Cast Steel Hornblocks Driving and Trailing	1 ½" to 1' elevations and plan of castings-Stores ordering tracing Copy negative, poor condition	22.7.18	1918	D81	J20	PT	178	-
21949 -2	Engine Class J20-Sets of Cast Steel Axleboxes Driving and Trailing 4 per Set	1 ½" to 1' elevations, plan and section of casting Copy negative	30.4.45	1945	-	J20	PT	178	-
21951	Six Wheels Coupled Coal Engines Class D81, M87 (J20)-Coupling Rod Crank Pins	Full size driving and trailing crank pins shown Endorsed: altered 20.12.30	20.7.18	1918	D81	J20	PT	137	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21953	Six Wheels Coupled Goods Engines D81 Class (J20) Framing	1½" to 1' elevations and plan Endorsed: for alterations to this frame to suit cylinders to Dg 29864 see Attachment to this drawing; see revised tracing 12.40 My comment: drawing damaged at right hand edge, hence renewal	- .2.10	1910	D81	J20	PT	77	-
21953 Ren	Six Wheels Coupled Goods Engines J20 Class-Framing	1½" to 1' elevations and plan	- .1.51	1951	-	J20	PT	77	-
21957	Six Wheels Coupled Goods Engines Class D81 (J20)-Cab	1½" to 1' elevations and plan of cab Endorsed: see Dg No 30961 for steel plate roof	12.2.19	1919	D81	J20	PT	139	-
21959 Ren	Smokebox Arrangement J20 Class Part I	3" to 1' section side and end elevations	- .1.51	1951	-	J20/I	PT	77	-
21959	Six Wheels Coupled Goods Engines Class D81 Type J20-Smokebox	3" to 1' sectional side and end elevations of smokebox and schedule of drawing numbers of components My comment: surface slightly defaced by sellotape	- .2.19	1919	D81	J20	PT	138	-
21963	Six Wheels Coupled Goods Engines Class D81-Chimney	6" to 1' elevations and plan of 1'5 5/8" high	11.2.19	1919	D81	J20	PT	56	-
21967	Six Wheels Coupled Coal Engines Class D81 Type J20 Arrangement of Steam and Vacuum Brakes	1" to 1' shown in relationship to outline elevations and plan of engine	- .3.19	1919	D81	J20	PT	59	-
21969	Six Wheels Coupled Superheated Coal Engines D81 Class-J20 Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan. Endorsed: several alterations My Comment: top of tracing damaged, some loss of detail of end elevation	- .3.19	1919	D81	J20	PT	56	-
21980	Six Wheels Coupled Radial Tank Engines Class Class K85 Smokebox	1½" to 1' detailed arrangement of smokebox. Endorsed: for smokebox for engines Class K89 see Attachment; altered 15.4.21	4.12.20	1920	K85	N7	PT	14	-
21980 Att	Six Wheels Coupled Radial Tank Engines Class K89 Smokebox	3" to 1' detailed arrangement.	9.10.23	1923	K89	N7	PT	14	-
21980 Att	Six Wheels Coupled Radial Tank Engines Class N7 Smokebox-Amended to suit particulars of engine No 8010	3" to 1' detailed arrangement of smokebox My comment: tracing described as an Amended Attachment	- .4.42	1942	-	N7	PT	14	-
					Y14	J15			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22054	Position of Notices Relating to Steel Fireboxes	1" to 1' showing position in cab	- .7.18	1918	M15 S56 T26 D56	F4 J69 E4 D15	PT	35	-
22061	Brass Plate for Chimney Tops	3" to 1' stores ordering tracing, size 2'2½" dia.	- .7.18	1918	-	-	PT	24	-
22067	Profile Diagram of Proposed Standard Goods Engines and GER Loading Gauge 2.8.18 - -	1½" to 1' profiles of 2-6-0 and 2-8-0 type engines. Endorsed: engine profiles traced from prints supplied by the Association of Railway Locomotive Engineers No SL-15	2.8.18	1918	-	-	PT	1	-
22084	Ambulance Train for the U.S. Army-Diagram Showing Positions of WH Brake Pipes and Cylinders Steam Heating Pipes, Dynamos and Accumulator Boxes and Hand Brake Columns	Diagram, not to scale, of 16 coach train with position of equipment I-M81 classes My comment: part of No 75 train	26.8.18	1918	I81 K81 L81 M81	-	PT	120	-
22085	Arrangement of Four Wheeled Bogie for Carriages	1½" to 1' arrangement of 8' wheelbase bogie with P4 axleboxes Endorsed: Ambulance Train No 75, stepboards added for GER bogies 8.3.19	16.9.18	1918	-	-	PT	121	-
22085	Arrangement of Four Wheeled Bogie for Carriages (8ft Wheelbase 10ins Channel Solebars)	1½" to 1' arrangement of 8' wheelbase bogie with P4 axleboxes Endorsed: originally designed for Ambulance Train No 75, stepboards added 8.3.19	15.5.35	1935	-	-	PT	121	-
22088	Arrangement of Steel Underframe for 55Ft Carriages- Ambulance Trains for the American Army	1½" to 1' elevations, sections and plan of underframe showing drawgear, battery boxes, dynamo, etc and schedule of drawings for other ambulance train carriages My comment: tracing damaged, number and date torn off otherwise little detail lost. Drawing number determined from Shannon card index	27.9.18	1918	-	-	PT	-	-
22095 -I	Profile Diagram of GE Horsebox No 602 with SE&CR Gauge Superimposed	1/2" to 1' of outline end elevation showing edge of roof fouling gauge	28.8.18	1918	-	I7M	PT	32	-
22096	Proposed Van for Conveyance of Bread for the Military Converted from Fruit Vans EX Stock	3/8" to 1' detailed elevations and plan of body. Endorsed: for arrangement of body before conversion see Dg 5982	30.8.18	1918	-	46M	PT	5	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22108	Weight and Wheelbase Diagrams of Heavy Six Wheels Coupled Engines	9 diagrams of various Company's engines, including GE 1500 Class	- .9.18	1918	-	-	PT	22	-
22109	Proposed 2-6-0 Standard Goods Engine	¼" to 1' ARLE drawing and elevations	21.9.18	1918	-	-	PT	22	-
22111	Diagram of Vehicles to Form Proposed Ambulance Train	1/8" to 1' interior plan of 16 coach train of 50' stock	28.9.18	1918	-	-	PT	100	-
22112	Particulars of 2-6-0 Locomotives	Schedule of dimensions and weights, etc. of 16 types of 2-6-0 engine	1.10.18	1918	-	-	PT	100	-
22128	No 34 Continental Ambulance Train 56'6" Brake & Stores Van T Showing Interior Arrangement of Shelves Lot 933	¾" to 1' side elevation and plan of body Copy of Midland Dg 4901 dated 30.9.18	- .9.18	1918	-	-	PT	81	-
22133	Field Marshall's Train Proposed Ramp for Unloading Motor Cars from Carriage Trucks	1½" to 1' of ramp in relation to end of open carriage truck	- .10.18	1918	-	-	PT	12	-
22135	Field Marshall's Train Proposed Ramp for Unloading Motor Cars from Carriage Trucks	1½" to 1' of ramp in relation to end of open carriage truck.	31.10.18	1918	-	-	PT	12	-
22136	Profile Diagram Showing Clearances between Two Bogie Suburban Carriages when Passing.	1" to 1' profile	29.10.18	1918	-	-	PT	12	-
22137	Bogie Suburban Carriages Diagram Showing Vehicles Passing Door of One Vehicle Open	1" to 1' profile showing 1" clearance	29.10.18	1918	-	-	Pt	12	-
22139	Field Marshall's Train Proposed Ramp for Unloading Motor Cars from Carriage Trucks	1" to 1' of ramp in relation to end of open carriage truck	1.11.18	1918	-	-	PT	12	-
22142	Brake Third Class Carriages in Use as Goods Brakes-Proposed Position of Stove and Bottom Step Boards	½" to 1' outline elevations and plan of 6 wheel carriage	4.11.18	1918	-	-	PT	35	-
22142 -1	Brake Third Class Carriages in Use as Goods Brakes-Proposed Position of Stove and Bottom Step Boards	½" to 1' outline elevations and plan of 6 wheel carriage	21.11.18	1918	-	-	PT	35	-
22142 -2	Brake Third Class Carriages in Use as Goods Brakes-Proposed Position of Stove and Bottom Step Boards	½" to 1' outline elevations and plan of 6 wheel carriage	23.11.18	1918	-	-	PT	35	-
22149	Funeral Bier Stationed at Liverpool Street	1½" to 1' of 4 wheeled covered hand propelled platform trolley with folding doors at each end, length 7'7¼" inside Endorsed: copy of Dg No 205CD	- .3.07	1907	-	-	PT	37	-
22159	Cross Section of Carriages Showing Seat Spaces for Various Widths	¾" to 1' of 4 end profiles	- .11.18	1918	-	-	PT	36	-
22160	Ambulance Train Vehicles-Train No 75-Proposed Conversion of Kitchen and Mess Room Car to 1st Class Kitchen Car	3/8" to 1' interior plan of 54' carriage to seat 18	27.11.18	1918	-	-	PT	36	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22161	Ambulance Train Vehicles Train No 75-Proposed Conversion of Kitchen & Mess Room Car into First Class Kitchen Car	3/8" to 1' interior plan of 54' carriage	27.11.18	1918	-	32C	PT	110	-
22162	Ambulance Train Vehicles Train No 75-Proposed Conversion of Ward Cars to Third Class Restaurant Cars	3/8" to 1' interior plan of 54' carriage to seat 48	27.11.18	1918	-	-	PT	110	-
22163	Ambulance Train Vehicles Train No 75-Proposed Conversion of Ward Cars to Third Class Restaurant Cars	3/8" to 1' interior plan of 54' carriage to seat 40	27.11.18	1918	-	-	PT	110	-
22164	Ambulance Train Vehicles Train No 75-Proposed Conversion of Ward Cars to Brake Vans	3/8" to 1' interior plan of 54' carriage	27.11.18	1918	-	-	PT	110	-
22165	Ambulance Train Vehicles Train No 75-Proposed Conversion of Personnel and Ward Car to Brake Van	3/8" to 1' interior plan of 54' carriage	27.11.18	1918	-	-	PT	110	-
22166	Ambulance Train Vehicles Train No 75-Proposed Conversion of Pharmacy Car to Brake Van	3/8" to 1' interior plan of 54' carriage with 3 sets of double doors	27.11.18	1918	-	-	PT	110	-
22167	Ambulance Train Vehicles Train No 75-Proposed Conversion of Brake and Infectious Ward Car to Brake Van	3/8" to 1' interior plan of 54' carriage	27.11.18	1918	-	-	PT	110	-
22168	Ambulance Train Vehicles Train No 75-Proposed Conversion of Brake & Stores Car to Brake Van	3/8" to 1' interior plan of 54' carriage	27.11.18	1918	-	-	PT	111	-
22169	Ambulance Train Vehicles Train No 75-Proposed Conversion of Staff Car to Composite Carriage	3/8" to 1' interior plan of 54' carriage with 1x1st and 6x3rd compartments	27.11.18	1918	-	-	PT	110	-
22170	Ambulance Train Vehicles Train No 75-Proposed Conversion of Staff Car into Third Class Main Line Carriage	3/8" to 1' interior plan of 54' corridor carriage to seat 58	27.11.18	1918	-	-	PT	110	-
22170 Att	Alternative Arrangement of End Compartment	3/8" to 1' interior plan of compartment My comment: Dg No 22170 shows this arrangement	27.11.18	1918	-	-	PT	110	-
22171	Ambulance Train No 75-Proposed Conversion of Sick Officers and Kitchen Car into First Class Restaurant Car with Kitchen	3/8" to 1' interior plan of 54' carriage, 19 seats	27.11.18	1918	-	-	PT	70	-
22176	Contract for 30 Ton Bogie Low Sided Wagon	1/4" to 1' detailed diagram of 37'6" 3 plank dropside Traced from Rendle, Palmer & Tritton Dg No 1019	- .9.18	1918	-	-	PT	5	-
22189	Six Wheels Coupled Bogie Express Engines Class S69-Arrangement of Pipes and Regulator in Boiler	1 1/2" to 1' sectional elevation of boiler	23.11.18	1918	S69	B12	PT	111	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22197	Main Line Third Class Carriages 54ft Arrangement of Body	¾" to 1' general arrangement of body. Endorsed: superseded by Dg No 22561 1.20	13.2.19	1919	-	-	PT	4	-
22198	Main Line Brake Third Class Carriage Arrangement of Body	¾" to 1' general arrangement of 54' body.	18.2.19	1919	-	-	PT	5	-
22201	Arrangement of Steel Underframe for 54Ft Main Line Carriages	1½" to 1' arrangement of frame and Stones 'AZ' dynamo 24 Volts My comment: right hand edge badly frayed, some detail missing	14.3.19	1919	-	-	PT	137	-
22201 Ren	Arrangement of Steel Underframe for 54Ft Main Line Carriages	1½" to 1' arrangement of frame and drawgear and Stones 'AZ' dynamo 24 Volts, no braking information	14.3.19	1919	-	-	PT	138	-
22205 Ren	Six Wheels Coupled Goods Engines Class J17-Boiler	1½" to 1' arrangement of boiler, with full size details of riveting Endorsed: alterations up to 19.7.55	- .1.48	1948	-	-	PT	138	-
22205	~~Four Coupled Bogie Express Engines Class D56-~~ Arrangement of Belpaire Boiler (Superheated) and Six coupled Belpaire goods Engine No 1211 (G58)- ~~Arrangement of Belpaire Boiler~~	1½" to 1' general arrangement of boiler My comment: badly damaged tracing with extensive sellotape repairs	25.1.19	1919	D56 G58	D15 J17	PT	145	-
22211	Profile Diagram of Horsebox No 602 under SE&CR Loading and Construction Gauge	1½" to 1' dimensioned profile	10.1.19	1919	-	17M	PT	116	-
22212	Four Wheels Coupled Radial Tank Engines Class G69- Proposed Additional Foot Steps and Hand Rail on Bunker and Alteration to Position of Drivers Brake Valve	1½" to 1' elevations of engine and 6" to 1' details of fittings Endorsed: altered 12.3.19	14.1.19	1919	G69	F6	PT	116	-
22215	Six Wheels Coupled Goods Engines Class 1211 and J18-Arrangement of Steam Pipes Inside Boiler	1½" to 1' sectional side elevation of boiler and dome	1.1.19	1919	G58	J17 J18	PT	116	-
22216	First Class Saloon F80-Arrangement of Drive for Boyer Speed Recorder	¾" to 1' arrangement of gear and cross section of saloon showing its position	19.2.19	1919	F80	34C	PT	116	-
22218	Arrangement of Ground Apparatus for Daniel's Mechanical Train Control	1½" to 1' arrangement of apparatus in permanent way	- .2.19	1919	-	-	PT	116	-
22219	Detail of Ground Apparatus for Daniel's Mechanical Train Control	3" to 1' details of components	- .2.19	1919	-	-	PT	116	-
22230	Profile Diagram of 4-4-0 Express Engine with 5ft Diameter Boiler	1½" to 1' dimensioned profile	25.2.19	1919	-	-	PT	120	-
22232	Main Line Composite Carriage 54ft-Arrangement of Body with Enamelled Steel Panels	¾" to 1' arrangement of body	1.7.19	1919	-	244C	PT	72	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22237	E & H Hora Ltd, Peckham, SE	1" to 1' outline side elevation and plan of bus body, about 19' long	- .3.19	1919	-	-	PT	70	-
22252	Main Line Brake Third Class Carriages 54 Feet-Arrangement of Power and Hand Brakes	1½" to 1' plan and elevation of frame and outline bogie showing equipment.	26.3.19	1919	-	547C	PT	2	-
22257	Brake Door Commode for GE Carriages Items 26 and 27	3" to 1' details of 2 types door of handle. Endorsed: retraced 24.7.56	-	1956	-	-	PT	60	-
22260	Main Line Brake Third Class Carriage 54 Feet-Arrangement of Doors	1½" to 1' fully detailed exterior and 5 interior elevations.	6.6.19	1919	-	547C	PT	2	-
22261	Main Line Carriages-Cross Section Through Third Class Compartment Showing General Construction	3" to 1' detailed elevations, with sections through quarter corridor side and on compartment side	10.4.19	1919	-	438C	PT	76	-
22262	Main Line Carriages-Cross Section Through Third Class Compartment Showing Interior Finishing	3" to 1' detailed elevations and section of interior	1.5.19	1919	-	438C	PT	76	-
22263	Main Line Carriages-Corridor Sliding Door	3" to 1' detailed elevations and section of sliding door	12.4.19	1919	-	438C	PT	76	-
22264	Main Line Brake Third Class Carriages-54 Feet-Arrangement of Body with Enamel Panels	¾" to 1' arrangement of body	26.4.19	1919	-	547C	PT	68	-
22270	Detail of Corridor Partition for Main Line Brake Third Class Carriage	1' and 3" to 1' interior side elevations and part plan, collapsible gates separate corridor from guards compartment	29.4.19	1919	-	438C	PT	76	-
22271	Guards and Luggage Accommodation Interior Fittings	1½" to 1' details for main line brake third carriages	29.4.19	1919	-	-	PT	11	-
22274	Helical Draw Springs	Full size for carriage drawbars Endorsed: altered 9.3.36	9.5.19	1919	-	-	PT	11	-
22275 Ren	Helical Draw Springs	Full size for carriage drawbars. Endorsed: original tracing dated 9.5.19	8.5.42	1942	-	-	PT	11	-
22276	Doors for Main Line Brake Third Class Carriages with Enamelled Steel Panels	3" to 1' exterior of one door, interior of 2 doors and 2 pairs of doors	6.6.19	1919	-	547C	PT	11	-
22277	Finishings of Corridor Side and Ends showing also End Sliding Corridor Dividing Doors	1", 1½ to 1' and full size details of components	7.6.19	1919	-	547C	PT	11	-
22278	Main Line Brake Third Class Carriages with Enamelled Steel Panels 54Ft Arrangement of Luggage Compartment Doors and Details of Long Bolt	3" to 1' and full size interior and exterior of double doors and fittings	19.5.19	1919	-	547C	PT	11	-
22280	Six Wheels Coupled Goods Engines 1211 Class Internal Pipe Clips and Union	3" to 1' and full size details	5.4.19	1919	G58	J17	PT	11	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22281	Six Wheels Coupled Tank Engine Class S56- Arrangement of Daniel's Mechanical Train Control	1½" to 1' arrangement shown in relation to cab and beneath footplate	- .4.19	1919	S56	J69	PT	31	-
22295	Main Line Brake Third Class Carriage-Diagram of Writing	¾" to 1' side elevation showing lettering for crimson period	15.5.19	1919	-	542C	PT	135	-
22296	Quintuple Unit Carriages-Suburban-Details of Tail Lamp and Shutter for Brake Third Class Carriage	Full size elevations, plan and sections of lamp and shutters	28.5.24	1924	-	-	PT	125	-
22296	Main Line Third Class Brake Carriages (54 Feet)- Details of Tail Lamp and Shutter	Full size elevations of lamp	21.5.19	1919	-	542C	PT	135	-
22297	Mirror for Carriage Lavatory	Full size elevation of mirror 11½" by 1'3" deep with sand blasted monogram in top left corner	13.5.19	1919	-	-	PT	135	-
22298	Main Line Brake Third Class Carriages-Special Plate	Full size elevations of train following board 1'5½" x 11½" with top handle, lettered 'P' in white on red ground	15.5.19	1919	-	-	PT	135	-
22298	Quintuple Unit Suburban Train-Special Plate	Full size elevations of train following board 1'5½" x 11½" with top handle, lettered 'P' in white on red ground	15.5.19	1919	-	-	PT	135	-
22299	Electro-Mechanical Train Control-Arrangement and Details of Stopping Signal Ramps	¾" to 1' arrangement of lineside equipment and 6" to 1' details of components	- .5.19	1919	-	-	PT	135	-
22302	Leather Cover for Carriage Gangway	3" to 1' plan of leather sheet and its position on gangway	15.5.19	1919	-	-	PT	8	-
22303	Arrangement of Third Class Lavatory 54Ft Main Line Carriages	1½" and 3" to 1' elevations of cubical and its fittings	6.6.19	1919	-	438C	PT	77	-
22323 Part	Plan showing altered position of Outer Lamp Holder on Engines for Engines Classes 1500 (S69) and 1270 (D81)	1½" to 1' elevation and plan	- .10.22	1922	S69 D81	B12 J20	PT	8	-
22323	Six Wheels Coupled Express Engines Class 1500 Type B12 and Goods Engines Class D81-Tender Tank	1½" to 1' elevations and plan and full size details Endorsed: title amended 26.5.22 to include D81 class; numerous alterations; see later tracing same number My comment: tracing in poor condition, hence replacement	24.6.19	1919	S69 D81	B12 J20	PT	77	-
		1½" to 1' elevations and plan and full size details				B12/3			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22323	Bogie Express Engines Type B12/3 and J20/1-Tender Tank Arrangement	Endorsed: see Dg 25407 for coal guard; see attachment to Dg 35123 dated 11.45 for pocket in tank for Whitaker's tablet exchange apparatus	24.6.19	1919	-	J20/1	PT	77	-
22323 Att	Tenders Class 1500-Arrangement of Tool Boxes on Tender Tank	1½" to 1' arrangement of tool box and its position	- .5.20	1920	-	B12	PT	77	-
22324	Main Line Carriages-Arrangement and Details of Gangway Shutter	3" to 1' elevation and section of shield and details of fittings, lettered GE 6¼" by 5¾" characters, 1'11" below top moulding Endorsed: canvas panel stretched and tacked to frame painted to GE colour letters in black; altered 11.1.33; superseded by tracing same number 8.7.43	23.5.19	1919	-	-	PT	77	-
22324	GE Vestibule Carriages-Arrangement and Details of Vestibule Shield	3" to 1' elevation and section of shield and details of fittings Endorsed: revised and retraced 8.7.43, no lettering on shield	23.5.19	1919	-	-	PT	77	-
22327	12 ton Home Ore Supply Wagons lately in the Service of the Ministry of Munitions now offered for Sale	¾" to 1' diagram of 16'6" wagon with 9' wheelbase, width 7'10" Endorsed: 350 wagons with full sided doors, 450 with centre doors 4'1" wide and 1000 with centre side doors and bottom doors	29.5.19	1919	-	-	PT	11	-
22331	Steam Heating for Carriages-Arrangement of High Pressure Valve	Full size sections and elevations Endorsed New valves to be made to Dg No 20761 9.4.21	5.6.14	1914	-	-	PT	57	-
22333	Six Wheels Bogie Express Engines Class 1500-Snifting Valve	Full size elevations and plan of valve Endorsed: altered 12.5.33 and 12.10.34; superseded by Dg No 33431	27.6.19	1919	S69	B12	PT	3	-
22333 -I	4-6-0 Engines Type B12-Snifting Valve	Full size elevations and plan of valve Endorsed: altered 12.10.34; see renewal tracing 22333	2.4.28	1928	-	B12	PT	3	-
22334	Six Wheels Coupled Bogie Express Engines Class 1500-Motion Arrangement	3" to 1' arrangement of motion, side elevation and plan	9.5.19	1919	S69	B12	PT	47	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22334	Steam Heating for Carriages-Arrangement of Pipes for Apparatus Fitted with High Pressure Valves	1/4" to 1' diagram of interior of carriage and 1 1/2" to 1' detail of compartment layout	12.6.19	1919	-	-	PT	59	-
22336	Six Wheels Coupled Express Engines Class 1500 Type B12 Six Wheels Coupled Goods Engines Class D81 Type J20-Tender Framing	1 1/2" to 1' detailed elevations and plan, frame length 18'3", 4'1" wheels Endorsed: see Dg No 22323 for tender tank; altered to red 4.12.33	- .6.19	1919	S69 D81	B12 J20	PT	47	-
22339	Diagrams of Brake Vans Converted from Suburban Brake Third Class Carriages for Overseas	1/2" to 1' outline elevations of wide and ordinary stock with main dimensions	13.6.19	1919	-	503C 521C	PT	99	-
22342	Six Wheels Coupled Bogie Express Engines Class 1500 Type B12-Ashpan Arrangement.	3" to 1' arrangement of ashpan Endorsed: altered 2.34 My comment: tracing damaged but little loss of detail	23.6.19	1919	S69	B12	PT	57	-
22344	Arrangement of Main Lighting Switches on Body and Details of Ammeter, Terminals and Spare Tail Lamp	3" to 1' of carriage with fittings and full size details of components	9.7.19	1919	-	438C	PT	52	-
22349	Tenders Class 1500 Type B12 and Tenders for Goods Engines D81 Class-Flanged Plates for Framing, Tank and Water Pickup	1 1/2" and 3" to 1' details. Endorsed: altered 4.9.33	3.7.19	1919	S69	B12	PT	59	-
22350 Ren	Six Wheels Coupled Express Engines Class 1500 – Smokebox	3" to 1' arrangement, side and front elevations with schedule of components and drawing numbers	8.6.29	1929	-	B12	PT	47	-
22359	Steam Heating for Carriages (Bogie Suburban) Arrangement of Pipes for Carriages Fitted with High Pressure Valves	3/4" to 1' arrangement shown on outline elevations and plan of 54' 3rd class carriage	16.7.19	1919	-	-	PT	53	-
22360	Tenders Class 1500 Type B12-Arrangement of Pipes for Vent, Steam Heating, Water Pick Up and Water Gauge	1 1/2" to 1' equipment shown on outline of tender	6.10.19	1919	S69	B12	PT	53	-
22369	Six Wheels Coupled Bogie Express Engines 1500 Class B12 Arrangement of Pipes, etc. for Westinghouse Brake with 8"8 1/2" Air Compressor No 4 Drivers Valve	1 1/2" to 1' elevations, sections and plan of apparatus Endorsed: for alterations to arrangement of pipes see Dg No 22369 Attachment 24.3.20; for details see Dg No 22380 Supplementary Dg No 21-9686B	- .7.19	1919	S56	B12	PT	17	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22369	Six Wheels Coupled Bogie Express Engines 1500 Class B12-Arrangement of Pipes, etc. for Westinghouse Brake with 8"/8½" Air Compressor and No 4 Drivers Valve	1" to 1' arrangement of apparatus shown in relation to outline of engine	- .7.19	1919	S69	B12	PT	31	-
22369 Att	Six Wheels Coupled Bogie Express Engines 1500 Class-Alterations to Arrangement of Pipes for Westinghouse Brake with 8"/8½" Air Compressor and No 4 Drivers Valve	1" to 1' arrangement shown in relation to outline of engine	30.3.20	1920	S69	B12	PT	31	-
22369 Att 2	Six Wheels Coupled Bogie Express Engines 1500 Class-Alteration in Position of 8"/8½" Air Compressor	1" and 3" to 1' showing position of compressor in relation to part elevation and plan of engine	- .8.22	1922	S69	B12	PT	31	-
22376	Proposed 11" Bracket for Parcel Racks in Third Class Carriages	Full size side elevation and plan of cast bracket	29.7.19	1919	-	-	PT	48	-
22378	Four Wheels Coupled Express Engines Class D56-End Profile Diagram	½" to 1' showing overall dimensions of engine and tender	29.7.19	1919	D56	D15	PT	49	-
22386	Proposed Bracket for Parcel Rack in First Class Carriages	Full size elevations of bracket	7.8.19	1919	-	-	PT	44	-
22389	Covered Goods Wagons-Name, Load and Number Plate	Full size of cast iron plate 1'6" x 53/8" x 5/8" lettered 'GER 1919-LOAD 10 TONS' 7/8" high, number in 3" letters	8.8.19	1919	-	-	PT	44	-
22392	Registration Plate to be Used where Original Registration Plates are Missing and the Registering Company cannot be Traced	Full size drawing of 6½" x 4¼" C.I. plate reading 'Built in 1894 to 1889 Specn.' ½" letters; '10 Tons/1234/GERy' in separate panel 5/8" letters Endorsed: top portion to be left blank if information not forthcoming	13.9.19	1919	-	-	PT	141	-
22396	Arrangement for Fitting Mr Boonzaier's Patent Coupler on 17Ft 10 Ton Open Goods Wagons	1 ½" to 1' elevations and plans with cross sections showing arrangement of coupler on steel framed wagon Endorsed: for GA of wagon see Dg No 16876; for details of patent coupler and gear see dg No 22397 My comment: alarmingly complicated, operated by a bevel gear to replace the three link coupling	26.8.19	1919	-	-	PT	-	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22403	Wagon Wheel and Axle	3" to 1' arrangement of wheel set, 8 open spokes, 8" by 3¾" journal, coalition type wheel and axle but with GER tyre profile Endorsed: tyre thickness altered 2.7.28, Gibson ring fastening altered 16.11.27 My comment: Stores ordering tracing	1.9.19	1919	-	-	PT	53	-
22405	Wheels and Axle for 10 Ton Wagon	3" to 1' of wheelset, 3'1½" dia wheel with 8 open spokes, 8" by 3¾" journals Endorsed: diameter altered to 3'1" 2.7.28	29.8.19	1919	-	-	PT	54	-
22406 -I	Proposed Four Wheels Coupled Bogie Express Engine	1" to 1' outline side elevation of engine, 6'6" dia wheels, 10' wheelbase, 5'3" boiler	- .11.19	1919	-	-	PT	54	-
22407 -I	Proposed Six Wheels Coupled Bogie Express Engine	1" to 1' outline side elevation of engine, 6'6" wheels. Endorsed: 1500 Class with 5'3" dia boiler and 9' firebox.	- .11.19	1919	-	-	PT	54	-
22411	High Sided Wagons-Diagram of Lettering	¾" to 1' outline side elevation of 8 plank wagon GE in 24" letters, 1'1½" above curb rail, 5½" running number, tare 3½" My comment: appears to depict a wood framed loco coal wagon in incorrect livery	28.8.19	1919	-	-	PT	96	-
22422	Four Wheels Coupled Radial Tank Engines Class P55 Working on East London Line-Arrangement of Trip Cock Gear	1½" to 1' arrangement of gear shown on outline of engine Endorsed: superseded see Dg No 22664 dated 11.3.20	- .9.19	1919	P55	F4	PT	105	-
22423	Four Wheels Coupled Radial Tank Engines Class P55 and T18 Working on East London Line-Details of Trip Cock Gear	6" to 1' and full size details of components Endorsed: for T18 class details see Dg No 23167 dated 18.11.20	- .9.19	1919	P55 T18	F4 J66	PT	105	-
22423 Att	Engines Working East London Line P55 Class-Additions and Alterations to Details of Trip Cock Gear	6" to 1' and full size details of components	- .1.20	1920	P55	F4	PT	105	-
22424	Diagram of Proposed 45Ft Open Scenery Truck	½" to 1' outline arrangement of carriage truck with WH, Vacuum and hand brakes to carry 7 Tons	18.9.19	1919	-	-	PT	106	-
22425	Tenders Class 1500 Type B12-Arrangement of Westinghouse and Hand Brake	1½" to 1' arrangement shown on elevations and plan of tender frame Endorsed: altered 9.31 and 27.2.33	18.9.19	1919	S69	B1	PT	105	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22426	Six Wheels Coupled Bogie Express Engines Class S69 Arrangement and Details of Wakefield Eureka Lubricator	1½" and 3" to 1' arrangement of lubricator on outline of part of engine and full size details	- .10.19	1919	S69	B12	PT	105	-
22432	Six Wheels Coupled Tank Engines Class T18 Working on East London Line-Arrangement of Trip Cock Gear	1½" to 1' elevations and plan of equipment on outline of engine Endorsed: cancelled see Dg No 23166	30.9.19	1919	T18	J66	PT	120	-
22437	Arrangement of Four Wheel Bogie Carriages with Timmis Springs	1½" to 1' arrangement of 8' wheelbase bogie with P4 axleboxes 12'7" frames with 3" to 1' details	- .4.20	1920	-	-	PT	121	-
22438	Fire Engine Truck T82	1½" to 1' general arrangement of 15' truck with 2'9" wheels Endorsed: T82 for Peterborough	2.10.19	1919	T82	-	PT	121	-
22440	Bonding for Carriage Wheels	3" to 1' of elevation and section of Mansell wheel, full size detail of bonding, one per wheel	5.12.19	1919	-	-	PT	24	-
22443	Four Foot Diameter Artillery Pattern Wheel for One Horse Vans	6" to 1' elevation and section of wheel	3.6.20	1920	-	-	PT	45	-
22444	Road Vehicles-Arrangement of One Horse Van D&P 7135	1½" to 1' general arrangement of 4 wheel van length 8'8" inside	9.10.19	1919	D&P7135	-	PT	45	-
22446	Six Wheels Coupled Bogie Express Engines 1500 Class-Tender Number Plate	Full size 9" x 6½" lettered WB&C 19--, number 1560 in 2½" numerals Endorsed: tenders to be numbered from 1541 to 1560 inclusive; superseded by Dg No 24958	10.10.19	1919	S69	B12	PT	46	-
22449	Six Wheels Coupled Bogie Express Engines Class 1500 Numberplate	Full size drawing of elliptical plate 2'0" x 1'0½" lettered WB&Co 19-- at bottom; numbered 1560 with details of remaining 6" high numerals Endorsed: engines to be numbered from 1541 to 1560 inclusive	10.10.19	1919	-	-	PT	45	-
22455	Diagram of Suburban Carriage and Tabulation of Weights and Passengers Carried by the Various Classes of Vehicles	¾" to 1' outline elevation of 54' carriage and 3/8" to 1' end profile, schedule of 7 classes of vehicle	21.10.19	1919	-	-	PT	125	-
22510	Pullman Cars-Outline of Cross Section with GER Maximum Loading Gauge Superimposed	1½" to 1' dimensioned profile	3.11.19	1919	-	-	PT	125	-
22514	Diagram of High Sided Wagon Showing Standard Writing	¾" to 1' outline side elevation showing lettering for wagon 30198	4.11.19	1919	-	-	PT	87	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22518	Diagram of Three Carriage Unit with Twin Bogies and Standard Arrangement of Bogies	¼" to 1' outline side elevation and plan of 2 units: 3 carriages with twin bogies and 3 54' carriages, each unit with drivers compartment at each end	6.11.19	1919	-	-	PT	125	-
22528	Outline of General Arrangement	½" to 1" outline elevations of 63'10" Pullman car Clayton & Shuttleworth Dg No 181, order AWW4 dated 8.10.19 Endorsed: all cars fitted with GER standard vestibule connections, screw couplings and safety chains	10.11.19	1919	-	-	PT	104	-
22529	Footwarmer for Carriages	6" to 1' arrangement of warmer 2'0" x 9¾" with details of fittings	15.11.19	1919	-	-	PT	104	-
22531	Weatherboard for Tenders of Mixed Traffic Engines Ipswich-CME Dept	1½" to 1' elevation and section of timber weatherboard	19.11.19	1919	-	-	PT	97	-
22534	Arrangement of Advertising Spaces on Motor Buses No 14 to 19	Side elevation of bus and interior perspectives of advert panels.	- .11.19	1919	-	-	PT	21	-
22539	Four Wheels Coupled Radial Tank Engines Class G69- Arrangement of Pipes Etc for Westinghouse Brake with 8"8½" Air Compressor and No 4 Drivers Valve	1½" to 1' apparatus on outline of 2-4-2 tank engine. Endorsed: altered 7.34 and 13.9.49. My comment: negative damaged, drawing number determined from Shannon card index	8.3.20	1920	G69	F6	PT	-	-
22545	GE Design Goods Brake Van 20 Tons-Stove	6" to 1' general arrangement of iron stove Endorsed: traced from Shop Copy Dg No 7385	19.12.19	1919	-	-	PT	93	-
22548	Tank for Heating Footwarmers	1½" to 1' elevations and plan of tank 9' x 2'6" x 2'9" deep of ¼" plate	- .12.19	1919	-	-	PT	105	-
22552	End Profile and Diagram Showing Maximum Dimensions of Main Line Brake Thirds	¼"to 1' outline side elevation and 1½" scale dimensioned end profile	22.12.19	1919	-	-	PT	85	-
22553	Main Line Third Class Carriages Interior Finish of Corridor Side and Ends Showing Also End Sliding Door	1" and 1½" to 1' detailed interior elevations and sections Endorsed: altered c.1940	30.1.20	1920	-	438C	PT	85	-
22556	Diagram of Wheel Arrangement and Weights and End Profile Diagram	1/8" and ½" to 1' diagrams	- .12.19	1919	H88	D15	PT	85	-
22559	54Ft Main Line Third Class Carriages-Doors	3" to 1' interior and exterior elevations with sections	10.2.20	1920	-	438C	PT	85	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22561	Main Line Third Class Carriages-54 Feet-Arrangement of Body with Steel Panels	¾" to 1' general arrangement of 54' 7 compartment corridor carriage with lavatories	28.1.20	1920	-	438C	PT	169	-
22568	Diagram of Lettering Main Line Third Class Carriages	¾" to 1' outline side elevation of carriage showing lettering and lining	10.2.20	1920	-	438C	PT	173	-
22576	Diagram of Proposed Standard Open Wagon and GE Wagon	¾" to 1' body outline of 482 cu ft 17' wagon and proposed 422 cu ft open	29.12.19	1919	-	-	PT	73	-
22580	Diagram Showing Proposed Conversion of 35 Ton Machinery Trolley ('Rectank') into a Timber Carrying Wagon	½" to 1' diagram of 34' bogie wagon with 4 bolsters Endorsed: drawing made from GA of 35 Ton Machinery Trolley Midland Rly Dg 5028	1.1.20	1920	-	-	PT	73	-
22581	Proposed Six Wheels Coupled Bogie Tank Engine	1" to 1' side elevation of 4.6.2 tank engine	- .1.20	1920	-	-	PT	8	-
22584	Six Wheels Coupled Tank Engines 51 Class (J68, J69) Boiler	1½" to 1' elevations, sections and plans with full size details of riveting Endorsed: altered 5.10.22, 20.1.24, 23.3.31 My comment: tracing damaged	25.2.20	1920	-	J68-69	PT	8	-
22587	Standard Carriage Wheel and Axle	Full size section of 3'6 7/8" diameter Mansell wheel and 3" to 1' elevation of wheelset	13.1.20	1920	-	-	PT	8	-
22588	Diagram of First Class Carriages Southend Service	3/8" to 1' seating plan of 54' stock	13.1.20	1920	-	-	PT	8	-
22596	Diagram of Pullman Car	½" to 1' outline side elevation of 63'10' 12 wheel car	27.1.20	1920	-	-	PT	123	-
22608	End Profile of Main Line Brake Third Class Carriages in Conjunction with Midland Railway Loading Gauge	1½" to 1' end profile of carriage and Midland gauge	4.2.20	1920	-	-	PT	90	-
22610 Part	Arrangement of Westinghouse Brake on Main Line Carriages (Except Brake and Brake Thirds)	1½" to 1' brake shown in relation to underframe and bogie My comment: tracing damaged on right hand side	4.2.20	1920	-	-	PT	85	-
22612	Diagram Showing Action of Automatic Couplers Patent Nos 259997-1902, 8751-1906	Diagram showing working of two designs of wagon coupler	- .2.20	1920	-	-	PT	85	-
22619	Four Wheels Coupled Bogie Express Engines Class D56-Driving and Trailing Wheels	3" to 1' elevation and section of wheel and full size section of tyre	4.2.20	1920	D56	D15	PT	90	-
22621	Diagram of Proposed Composite Carriage (1st and 3rd Class) for Southend Service	3/8" to 1' interior of 54' carriage							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22621	Diagram of Proposed Composite Carriage (1st and 3rd Class) for Southend Service	3/8" to 1' interior of 54' carriage.							
-1	Diagram of Proposed Composite Carriage (1st and 3rd Class) for Southend Service		6.2.20	1920	-	-	PT	42	-
22621	Diagram of Proposed Composite Carriage (1st and 3rd Class) for Southend Service	3/8" to 1' interior of 54' carriage							
-2									
22621		3/8" to 1' interior of 54' carriage							
-3									
22639	Diagram of Saloons No 1, 48 and 51	¼" to 1' interior plans of saloons linked by corridor connections & 35C	9.2.20	1920	-	34C 20C 23C	PT	41	-
22664	Four Wheels Radial Tank Engines Class P55 Working on East London Line-Arrangement of Trip Cock Gear	1½" to 1' arrangement of gear shown outline of engine	- .3.20	1920	P55	F4	PT	139	-
22669	First Class Saloon No 1-Observation Platform End Showing Suggested Alterations	¾" to 1' elevations of existing balcony ironwork and hand rails and suggested alternatives	27.2.20	1920	F80	34C	PT	130	-
22676	Diagram of First Class Carriage for Southend Service	3/8" to 1' interior layout of 54' 7 compartment coach	4.3.20	1920	-	-	PT	28	-
22677	Diagram of Third Class Carriage for Southend Service	3/8" to 1' interior layout of 54' 8 compartment coach	4.3.20	1920	-	-	PT	28	-
22682	Wagon Wheel and Axle Showing Positions of GER Number, Makers Initials and Date	Full size half elevation of open spoke wheel	9.3.20	1920	-	-	PT	28	-
22702	Motor Lorry No 1705 CME Department-Arrangement and Details of High Sides and Cover	1', 1½" and 3" to 1' arrangement of body and cover and details of components but not the chassis	23.3.20	1920	-	-	PT	94	-
22704	Instruction Plate for Single Bolster Wagons (Rail Train) Attached to Lowestoft Permanent Way Department	1½" to 1' outline arrangement of bolster full size details of cast iron plate 1'3½" by 2 1/8" 'Empty to Lowestoft.' My comment: wagons built to GA 19540, plate fixed to curb rail 1'0¼" right of centre line	21.3.20	1920	R77	70W	PT	94	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22709	Restaurant Cars-Arrangement and Details of Destination Board Brackets	Full size details of brackets and 1½" to 1' arrangement of position on roof set at 4' 0 5/8" centres	25.3.20	1920	-	-	PT	95	-
22720	Proposed Six Wheels Coupled Bogie Tank Engine	1/8" to 1' diagram frame 42'11" long	-	1920	-	-	PT	67	-
22723	~~Suburban Composite Carriages (54 Feet)~~ Arrangement of Body (1st and 2nd Class) with Metal (Iron or Steel) Panels	¾" to 1' arrangement of 54' 9 compartment body	4.5.20	1920	-	237C	PT	169	-
22723	Suburban Composite Carriages (54 Feet)- Arrangement of body (1st and 2ndClass) with Metal (Iron or Steel) Panels	¾" to 1' arrangement of 54' 9 compartment body Copy negative	4.5.20	1920	-	237C	PT	174	-
22724	Bogie Suburban Carriages Sketch Showing Buffers for Underframes	1' to 1' plan view showing arrangement of long and short buffers	1.4.20	1920	-	-	PT	62	-
22725	Bogie Suburban 2nd Class Carriages Arrangement of Body with Iron or Steel Panels	¾" to 1' general arrangement 54' 10 compartment body	3.5.20	1920	M83	300C	PT	169	-
22726	Bogie Suburban Carriages 54Ft-Arrangement of Underframe	1" to 1' detailed arrangement of underframe, dynamo and battery boxes	1.5.20	1920	-	-	PT	111	-
22727	~~Suburban Carriages-Cross Section Through Second Class Compartment Showing General Construction and Interior Finish~~	3" to 1' elevations and sections	25.5.20	1920	-	300C	PT	19	-
22728	Third Class Carriages (54 Feet) Body Arrangement	¾" to 1' arrangement of 54' non corridor 8 compartment body	20.5.20	1920	-	439C	PT	169	-
22729	~~Suburban Brake Third Carriages-54 Feet-~~ Arrangement of Body with Metal (Iron or Steel) Panels	¾" to 1' general arrangement of 54' 7 compartment body	9.6.20	1920	P83	542C	PT	169	-
22729	Suburban Brake Third Carriages-54 Feet- Arrangement of body with Metal (Iron or Steel) Panels	¾" to 1' general arrangement of 54' 7 compartment body Copy negative	9.6.20	1920	-	542C	PT	174	-
22730	Door for Third Class Carriage (Southend Service)	3" to 1' detail of inside and outside of door with section	31.5.20	1920	-	439C	PT	19	-
22731	~~Suburban Carriages Cross Section Through Third Class Compartments Showing General Construction and Interior Finishing~~	3" to 1' details of interior, seats covered with American cloth	8.6.20	1920	-	428C	PT	59	-
22731	Suburban Carriages-Cross Section Through Third Class Compartments Showing General Construction and Interior Finishing	3" to 1' sectional side and end elevations of compartment with full details of fittings furnishings and upholstery Copy negative	22.6.20	1920	-	428C	PT	174	-
22732	Bogie Suburban Carriages (54 Feet) Doors (Passenger Compartments)	3" to 1' inside and exterior elevations and sections of 1'10" door	4.6.20	1920	-	428C	PT	59	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22733	Bogie Suburban Carriages (54 Feet) Doors (Luggage Compartment)	3" to 1' inside and outside elevations and sections of doors with iron or steel panels	10.6.20	1920	-	542C	PT	59	-
22734	Body Arrangement of First Class Carriage (54 Feet)	¾" to 1' general arrangement of body with part plan view Endorsed: for Southend service	9.6.20	1920	-	124C	PT	64	-
22735	Suburban Carriages Cross Section Through First Class Compartment Showing General Construction and Interior Finish	3" to 1' details of interior, crimson buffalo hide in smoking compartments, blue buffalo hide and blue cloth in remainder	11.6.20	1920	-	124C	PT	59	-
22735	Suburban Carriages-Section Through First Class Compartment Showing General Construction and Interior Finish	3" to 1' sectional side and end elevations of compartment with full details of fittings furnishings and upholstery Copy negative	11.6.20	1920	-	104C	PT	174	-
22736	Sections Through Guards Compartment of Suburban Brake Third	1½" to 1' arrangement and details of interior	16.8.20	1920	-	542C	PT	59	-
22737	Metallic Fitting for Suburban Carriages	6" to 16 and full size details of 17 components, schedule of other components to be obtained from manufacturers	23.6.20	1920	-	-	PT	59	-
22739	Bogie Suburban Carriages 54 Feet Details of Ironwork for Underframes	3" to 1' details of 32 components	17.6.20	1920	-	-	PT	59	-
22740	Suburban Carriages Bonnets for Blinds in First Class Compartments	Full size arrangement	17.6.20	1920	-	-	PT	59	-
22761	Suburban Brake Third Carriages-Diagram of Lettering	¾" to 1' side elevation showing lettering and lining details and interior of door	10.9.20	1920	-	547C	PT	68	-
22762	Suburban Carriages-Arrangement of Hand Brake and Train Pipe for Brake Thirds	1½" to 1' arrangement shown on part outline of frame	2.7.20	1920	-	-	PT	124	-
22770	Suburban Third Class Brake Carriage-Details of Centre Tail Lamp	Full size elevations and sections of tinplate lamp	12.8.20	1920	-	-	PT	123	-
22770	Quintuple Unit Carriages-Suburban-Details of Centre Tail Lamp for Brake Third Class	Full size elevations and sections of tinplate lamp My comment: there are minor variations in design between the two lamps	28.5.24	1924	-	-	PT	123	-
22771	Suburban Composite Carriages Diagram of Lettering	¾" to 1' side elevation of carriage showing lettering and lining and door interiors	25.9.20	1920	-	-	PT	12	-
22772	Bogie Suburban Carriages All Classes Steam Heating Arrangement and Details	¾" and 3" to 1' and full size, outline side elevation and underframe plan with individual fittings. Endorsed: altered 9.10.26	10.9.20	1920	-	-	PT	12	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22773	Southend Carriages (First Class) Details of Body Side Panels and Door Panels Iron or Steel	3" to 1' plan of 10 side panels	12.8.20	1920	-	124C	PT	12	-
22774	Suburban Third and Second Class Carriages Diagram of Lettering	¾" to 1' side elevation with lettering and lining details.	10.9.20	1920	-	439C 300C	PT	12	-
22775	Suburban Trains-Diagram of Underframes in Standard Formation Showing Position of Train Pipe, Westinghouse Brake Cylinder, Dynamo and Hand	1/16" to 1' details of fittings on plan of underframes	12.8.20	1920	-	-	PT	12	-
22776	First Class Carriages 54Ft Southend Service Steam Heating Arrangement and Details	¾" and 3" to 1' shown in relation to outline side elevation of body and frame with fittings	15.8.20	1920	-	124C	PT	12	-
22777	Southend Service First Class Carriages-Diagram of Lettering	¾" to 1' side elevation of carriage No 2050 with lettering and lining detail and on interior garnish rail My note: No 2050 was not used as a running number	17.9.20	1920	-	104A	PT	68	-
22782	Southend Service-Third Class Carriages Diagram of Lettering	¾" to 1' side elevation showing lettering and lining detail	5.10.20	1920	-	-	PT	70	-
22789	Covered Goods Wagon-Fastening for Securing Folding Doors when Open	1" to 1' outline side elevation of 19' van with full size details of catch	8.3.22	1922	-	72W	PT	70	-
22794	Four Wheels Coupled Bogie Express Engines (Class D56)-Smokebox	3" to 1' detailed sectional elevations	3.11.20	1920	D56	D15	PT	81	-
22796	Arrangement of Dash Pots for Controlling Oscillation of Bogie Carriages	3" to 1' part elevations of bogie and full size section of dash pot	- .11.20	1920	-	-	PT	81	-
22798	Sketch of Westinghouse and Vacuum Hose Pipes	6" to 1' undimensioned sketch	22.11.20	1920	-	-	PT	81	-
22799	Diagram of Proposed Refrigerator Meat Van	½" to 1' elevations of 20'6" van, 12' wheelbase with ice chamber at each end loaded from roof	7.4.20	1920	-	-	PT	81	-
22812	Diagram of Refrigerator Meat Van	½" to 1' outline elevations of 19' van fitted with Vacuum and hand brakes	27.4.20	1920	-	-	PT	72	-
22813	Covered Goods Wagons-Notice Board Brackets	3" to 1' showing position of 2'0" x 10 7/8" board on right hand corner of body lettered 'For Local User Only Not to be Loaded into Private Sidings' and 'Fruit Traffic Return to Wisbech' on reverse, black written in white	27.4.20	1920	-	-	PT	91	-
22817	Diagram of Proposed Sleeping Saloon	3/8" to 1' interior plan of 54' corridor carriage with sleeping for 6 persons and bathroom	29.4.20	1920	-	-	PT	88	-
		1/2" to 1' interior plan of saloon with corridor				34C			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22818	Diagram of Saloons Nos 1, 48 and 51	¾" to 1" interior plan of saloons with corridor connections	27.4.20	1920	-	20C 23C	PT	88	-
22821	Diagram of Saloons Nos 1 and 51 and Sleeping Car	¼" to 1" interior plan, sleeping car 54' long in centre of formation, 23C contains 6 berths and a bathroom	1.5.20	1920	-	34C 23C	PT	35	-
22828	Arrangement of Bogie Third Class Carriage-Iron or Steel Panels	¾" to 1" general arrangement of 54' 10 compartment suburban carriage	20.5.20	1920	O83	428C	PT	171	-
22831	Diagram of 3 Carriage Unit with Standard Arrangement of Bogies	¼" to 1" outline side elevation and plan of 3 54' coaches arranged as motor unit seating 292	4.5.20	1920	-	-	PT	58	-
22833	Diagram of Saloons Nos 1 and 51	¼" to 1" interior plans, both have a single corridor connection	4.5.20	1920	-	34C 35C	PT	57	-
22843	Six Wheels Coupled Radial Tank Engines Class F85- Arrangement of Rod, Pipe and Clothing, Injector Gear, Sight Feed Lubrication, Steam Heating, Sanding and Condensing Gears	1½" to 1' detailed arrangement of engine and key to component drawings Endorsed: numerous alterations	10.3.21	1921	F85	N7	PT	93	-
22875 A	Six Wheels Coupled Tank Engines Type N7 (Class K89)-Asbestos Clothing	1½" to 1' elevations of individual mats and mill boards My comment: dull copy negative	24.7.29	1929	K89	N7	PT	135	-
22879	305 and 306 Class (2 Engines)	1/8" to 1' locomotive diagram	3.6.20	1920	305	-	PT	27	-
22882	Diagram of Poultry and Small Stock Demonstration Train	¼" to 1" interior plan of train: 274BT, vans 343, 34 and 980 and 54 restaurant car	17.6.20	1920	-	-	PT	114	-
22884	Sketch of Proposed Arrangement of Fenders on Engines and Tender 407 Class (T26)	1" to 1' outline side elevation of engine with fenders	- .6.20	1920	T26	-	PT	114	-
23141	Six Wheels Coupled Radial Tank Engines Class K85- Dome Casing	Full size sectional elevation, made of charcoal iron, No14 SWG Endorsed: altered for engines built at Gorton	- .6.20	1920	K85	N7	PT	40	-
23142	Six Wheels Coupled Tank Engines Class C72 (No 41 Class) Alteration to Cab Roof	1½" to 1' elevations of cab roof lowered c.6½" at centre	- .6.20	1920	C72	J68	PT	130	-
23144	Four Wheels Coupled Tank Engines Class G69 (No 1 Class) Alteration to Cab Roof	1½" to 1' elevations of cab roof lowered c.6½" at centre	26.6.20	1920	G69	F6	PT	130	-
23147	Six Wheels Coupled Radial Tank Engines Class K85- Brake Arrangement with 8"8½" Air Compressor and No 4 Drivers Valve	1" to 1' arrangement shown on outline of engine. Endorsed: altered details shown on Dg Nos 23149 and 22140 of 28.9.21	2.11.20	1920	K85	N7	PT	40	-
23153	Diagram of No 11 Saloon Used in Ambulance Train Converted to First Class Restaurant Car	3/8" to 1' interior plan of 48'3" carriage	6.7.20	1920	M42	9C	PT	124	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23157	Diagram of Gradients from Cambridge to March South Junction via St Ives	½" to 1 mile horizontal scale	7.7.20	1920	-	-	PT	67	-
23160	Cambridge	1' to 44' detailed layout north of Mill Road, including Newmarket branch and Midland Railway's Mill Road sidings	- .7.20	1920	-	-	PT	67	-
23166	Six Wheels Coupled Tank Engines Class T18 Working on East London Line-Arrangement of Trip Cock Gear	1½" to 1' arrangement of gear shown in relation to outline of engine Endorsed: for details Dg No 23167	- .8.20	1920	T18	J66	PT	134	-
23176	Diagram of German 4-4-0 Locomotive 2 Cylinder Compound	1 to 50 scale side elevation and schedule of dimensions	- .8.20	1920	-	-	PT	38	-
23186	Information Given to the Ministry of Transport re Height of Platforms in Relation to Footboards and in Respect of Clearances	1½" to 1' half end profile of elliptical roofed carriages	24.8.20	1920	-	-	PT	68	-
23191	Sketch Showing Position of Lamp Irons Required on W.D. Brakes	'Not to scale' outline elevations of brake showing position of conventional GE lamp irons	3.9.20	1920	-	87W	PT	134	-
23193	Main Line Third Class Carriages Nos 3, 485 & 1167 Steam Heating Arrangement	1" to 1' details of pipes and heaters for diagram 404 and 422 6 wheel coaches Endorsed: this tracing made for repairs to carriages from Midland Carriage Co, Brum (sic)	20.9.20	1920	-	404C 422C	PT	134	-
23194	Six Wheel Main Line Carriages-Details of Steam Heating	3" to 1' and full size details of 25 components	15.10.20	1920	-	-	PT	134	-
23195	Main Line Composite Carriages Nos 503 and 417- Steam Heating Arrangement	1" to 1' arrangement of pipework and heaters shown on outline of 6 wheel carriage	24.9.20	1920	-	219C	PT	134	-
23196	Arrangement of Steam Heating Six Wheel Main Line Brake Thirds	1" to 1' arrangement of pipework and heaters on outline elevations and plan of carriage Endorsed: Note: this drawing for 6 wheel main line brake van without compartment heater and fittings	5.10.20	1920	-	-	PT	134	-
23197	Main Line Third Class Carriages Nos 1959, 1920 & 1898 Steam Heating Arrangement	1" to 1' arrangement of pipework, heaters and valves shown on outline elevation and plan of clerestory 6 wheel carriage	15.10.20	1920	-	412C 423C	PT	134	-
23211	Arrangement of Travelling Gas Reservoirs on Carriage Underframe	1" to 1' general arrangement of twin cylinders mounted on 27" steel underframe Endorsed: Vehicles Nos 962044 and 962045 from 1st class carriages Nos 556 and 585			-	-	PT	113	-
23221	Bogie Suburban Carriages 54Ft-Position of	3" to 1' arrangement shown in relation to elevations	14.10.20	1920	-	-	PT	57	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23231	Westinghouse Brake Pipe Swan Neck	of carriage	14.10.20	1920	-	-	PT	57	-
23232	Diagram Showing Arrangement of Buffing and Draw Gear Kelvedon & Tollesbury Branch Coaches	1" to 1' outline sectional elevations of body and underframe of 4 wheel carriage	5.10.20	1920	-	-	PT	59	-
23235	Western Wheeled Scraper Company, Aurora, Illinois 32 Yard Vertical Cylinder Air Dump Car All Steel Chain Lock No. 11095	¾" to 1' elevations of standard gauge truck 45' over headstocks	12.10.20	1920	-	-	PT	58	-
23270	Arrangement of Travelling Gas Reservoir on Carriage Underframe	1" to 1' general arrangement of single cylinder mounted on 27' steel underframe Endorsed: vehicle No 962043 from 2nd class carriage No 585			-	-	PT	113	-
23273	Proposed Plan of Third Class Carriage Converted from 50' Ward Cars (Ambulance Train)	3/8" to 1' plan of open carriage to seat 54 My comment: not carried out	30.11.20	1920	-	-	PT	55	-
23274	Proposed Plan of Third Class Carriage Converted from 50' Ward Cars (Ambulance Train)	3/8" to 1' plan of open carriage to seat 50 3rds My comment: not carried out	30.11.20	1920	-	-	PT	55	-
23275	Proposed Plan of Third Class Carriage Converted from 54' Ward Cars of Ambulance Trains	3/8" to 1' plan of open carriage to seat 52 3rds My comment: not carried out	29.11.20	1920	-	-	PT	55	-
23276	Proposed Plan of Third Class Carriage Converted from 54' Ward Cars of Ambulance Trains	3/8" to 1' plan of open carriage to seat 48 3rds My comment: not carried out	29.11.20	1920	-	-	PT	55	-
23279	Proposed Plan of Third Class Carriage Converted from 50' Ward Cars (Ambulance Train)	3/8" to 1' plan of open carriage to seat 54. My comment: not carried out	- .12.20	1920	-	-	PT	55	-
23287	Six Wheels Coupled Radial Tank Engines Class K85 Chimney	6" to 1' details of rimmed chimney	18.12.20	1920	K85	N7	PT	11	-
23293	Proposed Conversion of Vehicles from Ambulance Trains-Personnel Car O 15R to Third Class Carriage	3/8" to 1' interior plan of 34'6" carriage, open seating for 36, lobby, lavatory and corridor connections My comment: not carried out	21.12.20	1920	-	-	PT	52	-
23294	Proposed Plan of Third Class Carriage Converted from 50Ft Ward Cars (Ambulance Trains)	3/8" to 1' interior plan of 50' carriage with 2 open compartments from Ward cars created from brake thirds My comment: see Dg No 23308	21.12.20	1920	-	-	PT	84	-
23295	Diagram of Proposed Parcels Vans Converted from Ambulance Train Vehicles	3/8" to 1' interior plan of 50' body showing position of shelves Endorsed: converted from Kitchen and Mess Room Car and Kitchen and Stores Van of No 28 Train	21.12.20	1920	-	48M	PT	177	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23296	Diagram of Proposed Parcels Vans Converted from Ambulance Train Vehicles	3/8" to 1' interior plan of 50' body Endorsed: converted from Pharmacy Car No 12 Train, Kitchen & Mess Room Car, Kitchen & Store Van and Brake and Store Car No 20 Train and Brake & Store Car No 28 Train	21.12.20	1920	-	51M	PT	177	-
23297	Plan of Third Class Carriage Converted from 54FT Ward Cars of Ambulance Trains	3/8" to 1' interior plan of 54' open saloon 56 passengers and pair of toilets My comment: apparently not carried out	19.3.22	1922	-	-	PT	84	-
23298	Plan of Brake Third Class Carriage Converted from Vehicles of Ambulance Trains	3/8" to 1' interior plan of 50' corridor carriage Endorsed: Stock converted Brake & Infectious Ward Cars Nos 17 & 36 trains, Brake & Stores and Pharmacy Cars No 36 trains	21.12.20	1920	-	541C	PT	83	-
23299	Plan of Brake Third Class Carriage Converted from Brake & Infectious Ward Car (Ambulance Train No 28)	3/8" to 1' interior of open 54' carriage	21.12.20	1920	E87	554C	PT	83	-
23300	Proposed Plan of 1st Class Carriage Converted from 54Ft Ward Cars (Ambulance Train)	3" to 1' interior plan of 54' body converted to open carriage Endorsed: for correct plan of carriages converted from these ward cars see diagram 14600-125	21.12.20	1920	-	125C	PT	177	-
23308	Plan of Third Class Carriage Converted from Vehicles of Ambulance Trains	3/8" to 1' interior plan of 50' carriage from Trains 17, 20 & 36, totalling 14 vehicles	1.12.20	1920	B87	443C	PT	100	-
23309	Diagram of Proposed Composite Carriage (First and Third) Converted from Ambulance Train Vehicle	3/8" to 1' interior plan of former 50' staff car No 20 train My comment: not carried out	21.12.20	1920	-	-	PT	100	-
23310	Plan of Third Class Carriage Converted from Staff Car of Ambulance Train No 28	3/8" to 1' interior plan of 50' carriage	21.12.20	1920	D87	442C	PT	100	-
23314	Weatherboard for Tenders Classes H14 and S23	1 1/2" to 1' arrangement of weatherboard and 3" and 6" to 1' details Endorsed: altered 7.6.21	- .1.21	1921	H14 S23	-	PT	100	-
23321	Proposed Arrangement of Vacuum Brake on Standard Wagons	1 1/2" to 1' outline of wood underframe showing position of vacuum cylinder and outline of brake rigging	29.12.20	1920	-	-	PT	42	-
23322	Proposed Arrangement of Vacuum Brake on Standard Wagons (Steel Underframes)	1 1/2" to 1' outline frame showing position of vacuum cylinder and outline of brake rigging	30.9.20	1920	-	-	PT	42	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23333	Carriages-Particulars of Draw Gear Used Since 1870 and Tractive Power of Engines	Table divided into 5 years periods describing the various components used and their specifications	12.1.21	1921	-	-	PT	143	-
23335	Steam Heating for Carriages (Bogie Suburban) Arrangement of Pipes for Carriages Fitted with High Pressure Valves	¾" to 1' outline side elevation and plan of 10 compartment 3rd showing position of pipes and heaters Endorsed: this tracing made from Dg No 22359 and modified to agree with heater to Dg No 23331 14.1.21	14.1.21	1921	-	428C	PT	143	-
23339	Ministry of Transport-Pool Loco. 2-8.0 Freight Class	¼" to 1' side and end elevations of engine shown under GCR load gauge Supplementary Dg No SK No 203	19.1.21	1921	-	-	PT	143	-
23344	Pullman Cars-Arrangement of Automatic Brake Communication	1½" to 1' half end elevation showing arrangement of gear 6" to 1' details of fittings	19.1.21	1921	-	-	PT	103	-
23348	Particulars of Drawgear Used Since 1870 and Tractive Power of Engines	Detailed table for 5 year periods to 1920 of draw gear types	24.1.21	1921	-	-	PT	103	-
23352	Diagram of 12 Ton Wagon	¾" to 1' outline elevations of 7 plank body 4'0½" deep, 17'6" long by 8' wide with 9' wheelbase, cupboard doors at top. Endorsed: open goods wagon on proposed standard underframe	28.1.21	1921	-	-	PT	103	-
23355	GWR-Arrangement of 65Ft Turntable Outside Type	½" to 1' general arrangement of turntable showing section of pit Copy of GWR Dg No 59241 dated 4.20	31.1.21	1921	-	-	PT	173	-
23356	Existing Arrangement of Hose Couplings on Auto Trains	1½" to 1' arrangement of connections between engine and carriage	1.2.21	1921	-	-	PT	103	-
23403	Diagram of Bogie Suburban Train	1/16" to 1' outline elevation and plan of 8 coach train Endorsed: this train shows Enfield, Palace Gates and Chingford formation later altered to standard formation My comment: This tracing is torn into two parts but detail is complete	21.2.21	1921	-	-	PT	111	-
23404	Diagram of Suburban Train	1/16" to 1' outline side elevation and plan of 16 coach train	22.2.21	1921	-	-	PT	111	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23411	Diagram of Gradients from Liverpool Street to Epping and Specimen Timetable	½" to 1' horizontal scale	7.3.21	1921	-	-	PT	107	-
23415	Diagram Showing Average Age of Total Engine Stock During 21 Years ended December 31, 1921 Diagram Showing Average Age of Total Carriage Stock During 21 Years ended December 31, 1921 Diagram Showing Average Age of Total Wagon Stock During 21 Years ended December 31, 1921	Graphs and statistical information showing a significant rise in age for all categories	7.3.21	1921	-	-	PT	111	-
23418	Diagram of Proposed Instruction Car for Signalmen Converted from Chief Civil Engineers Saloon No 14	3/8" to 1' interior plan showing position of partitions and location of new stove	15.3.21	1921	-	IIC	PT	107	-
23419	Refreshment Wagon for Use on Station Platforms	3" to 1' side and end elevations of ornate 4 wheeled wagon 6' long, 3' wide	15.3.21	1921	-	-	PT	118	-
23422	No 7A 35 Tons Steam Accident Crane-Diagram Showing Wheel-Base and Weights	1/8" to 1' outline side elevation	- .3.21	1921	-	-	PT	59	-
23422	No 7A 35 Tons Steam Accident Crane-Diagram Showing Wheel-Base and Weights	1/8" to 1' outline side elevation Endorsed: stationed at Stratford, bought 1919	14.4.23	1923	-	-	PT	59	-
23426	Sketch Showing Proposed Arrangement of Large Numerals Painted on Tenders and Tanks of Goods Engines	1" to 1' layout of 18" numerals for A53 and S23 tenders and G75 and T18 tanks	- .4.21	1921	S23 A53	- -	PT	56	-
23428	Woven Wire Seat for Suburban Carriages	3" to 1' arrangement of 8'1¼" wide seat	6.4.21	1921	-	-	PT	56	-
23435	Conversion of Pharmacy Car 20F to Main Line Brake Van	3/8" to 1' interior plan of 50' van with gangways at each end	24.4.21	1921	-	-	PT	143	-
23436	Conversion of Pharmacy Car No 28F to Main Line Brake Van	3/8" to 1' interior plan of 50' van with gangways at each end	22.4.21	1921	-	-	PT	143	-
23438	Steam Motor Carriage No 3/GWR No 1	¾" to 1' outline elevations of 6 wheels coupled engine with Walschaerts valve gear attached to coach on 4 wheel bogie, bogie centres 54'10" Endorsed: GER weighbridge weights added to this tracing 24.5.21; above weights taken 21.5.21 outside round shed Stratford Works	23.4.21	1921	-	-	PT	143	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23439	Steam Motor Carriage No 1/42 GWR	¾" to 1' outline elevations of 4 wheel coupled engine with Walschaerts valve gear attached to coach on 4 wheel bogie overall length 59'6" Endorsed: GER weighbridge weights added to this tracing 24.5.21; above weights taken 21.5.21 outside round shed Stratford Works	23.4.21	1921	-	-	PT	143	-
23440	Motor Coach No 2-No 49 GWR	¾" to 1' outline elevations of 4 wheel coupled engine with Walschaerts Valve gear attached to coach on 4 wheel bogie overall length 70' Endorsed: GER weighbridge weights added to this tracing 24.5.21; above weights taken 21.5.21 outside round shed Stratford Works	23.4.21	1921	-	-	PT	143	-
23451	Coal Capacity of Tenders S23 Class	½" to 1' outline elevations of tender and schedule of capacities	29.4.21	1921	S23	-	PT	90	-
23452	Four Wheels Coupled Radial Tank Engines Class G69	½" to 1" sketches showing bunker rails and substitute plates	- .5.21	1921	G69	F6	PT	90	-
23453	Four Wheels Coupled Radial Tank Engines Class M15	½" to 1' sketches showing bunker rails and substitute plates	- .4.21	1921	M15	F4	PT	90	-
23455	Six Coupled Tank Engines Class S56	½" to 1' sketches showing bunker rails and substitute plates	- .4.21	1921	S56	J69	PT	90	-
23458	Alteration to Drawgear for Six Wheeled Main Line Carriages "Non Continuous	1" to 1' arrangement of drawgear on wood underframe and 3" to 1' details of components	- .5.21	1921	-	-	PT	90	-
23469	General Arrangement of Liquid Fuel Burning Apparatus on Four Coupled Express Engine Holden's Patent System	¾" to 1' sectional elevation and plan showing apparatus with key to components	- .5.21	1921	-	-	PT	86	-
23474	Six Wheels Coupled Goods Engines Class Y14-Liquid Fuel Tank for Tender (S23)	1½" to 1' elevations and plan of tank only	- .6.21	1921	Y14	J15	PT	88	-
23509	Combined Safety Bar and Catch for End Doors of Tram Engines	1½" to 1' end view of apparatus with full size details	- .6.21	1921	G15 C53	Y6 J70	PT	88	-
23510	Six Wheels Coupled Goods Engines Class Y14-5½" Regulator in Position in Dome	6" to 1' detailed elevations and plan	21.6.21	1921	Y14	J15	PT	88	-
23512	Proposed Arrangement of Hot Air Heating Apparatus on Tenders for Four Wheels Coupled Bogie Express Engines	1½" to 1' detailed arrangement of equipment shown in relation to outline of tender with 6" to 1' details of components	- .5.11	1911	-	-	PT	134	-
23520	Section of Water Trough Showing Levels of Water, Rail and Scoop	Full size section of trough with positions of scoop	27.6.21	1921	-	-	PT	120	-
23533	General Arrangement of Liquid Fuel Burning Apparatus on Four Coupled Express Engine Holden's	¾" to 1' Outline of engine and tender with sectional views of apparatus in firebox and tender	- .8.21	1921	-	-	PT	47	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23533	Apparatus on Four Coupled Express Engine-Holden's Patent System	sectional views of apparatus in firebox and tender with key to components	- .8.21	1921	-	-	PT	47	-
23534	Tenders Class T46 Welded Liquid Fuel Tank	1½" to 1' detailed elevations and plan of tank with fittings	- .8.21	1921	T46	-	PT	124	-
23535	Four Way Steam Fitting for Liquid Fuel Injectors made from Gas Fittings	Full size undimensioned elevations and plan of fitting with a schedule of 5 fittings required	- .8.21	1921	-	-	PT	177	-
23536	Liquid Fuel Burner made with Gas Pipes and Fittings	1 ½" to 1' arrangement of equipment on back head of boiler and full size plan of right hand burner and schedule of pipes and fittings	-.8.21	1921	-	-	PT	177	-
23537	Arrangement and Details for Applying Air or Steam to Liquid Fuel Burners D56 Class	3" to 1' arrangement of pipework and full size details of 5 components	- .8.21	1921	-	-	PT	177	-
23560	Rod, Levers and Brackets for Liquid Fuel Valves for Tenders	6" to 1' details of components	- .8.21	1921	-	-	PT	33	-
23564	Holden's Patent 'Hay' Pattern Liquid Fuel Injector and Regulating Valve	Full size, undimensioned with components named Endorsed: traced from Messrs. Taite & Carlton's Drg No 728 of 10.1.21 and No 474 of 2.3.11	6.9.21	1921	-	-	PT	33	-
23572	Diagram of Pullman Car	½" to 1' outline elevations of both sides: Ansonia, Arcadia, Cambria, Catania and Corsair Endorsed: showing panels numbered for identification Copy of Clayton Wagons Ltd Dg No dated 19.9.21	4.10.21	1921	-	-	PT	141	-
23579	Four Wheels Coupled Bogie Express Engines Class D15, D56 and Tank Engines K89 (N7)-Cast Iron Chimney and Hood	6" to 1' elevations and plan, alternative dimensions shown for different classes Endorsed: work to red for engines Class K89 21.9.23; for D15 chimney see Dg No 32442, amended 1929 My comment: D13, J17, J19 formerly T19B, E72, T77 added to title; D15 and D56 struck out in pencil in title	- .12.21	1921	T19B E72 T77 D56 K89	D13 J17 J19 D15 N7	PT	144	-
23594	Orwell Electric Vehicle Specially Strengthened Flat Top Lorry with Front Board.	Plan and elevation of lorry 12' top. Tracing made from blueprint No OB790	24.10.21	1921	-	-	PT	14	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23595	Proposed Parcels Delivery Van (For the Great Eastern Railway)	1½" to 1' outline elevations of removable canvas covered frame for flat topped body length 12' shown on motor chassis Endorsed: tracing made from blue print OV789	25.10.21	1921	-	-	PT	92	-
23598	No 5 Electric Wagon-Arrangement of Body	1½" to 1' outline elevation of open truck with body 11'6" Endorsed: copy of Richard Garrett Dg No EV15458	31.10.21	1921	-	-	PT	92	-
23600	Diagrams of GER Barrows	1" to 1' single tracing on large sheet of 6' long 4 wheel station barrow with towing handle	2.11.21	1921	-	-	PT	14	-
23602	Part Plan of Peterborough Yard	66' to 1" survey of station and yard area and use of buildings My comment: copied from Land Agent's plan	- .11.21	1921	-	-	PT	116	-
23604	Diagram of Fascia Boards Showing Openings for Photographs, etc	1½" to 1' arrangement of 6 compartment fascias for main line and suburban carriages	3.11.21	1921	-	-	PT	105	-
23608	Diagram of Main Line Brake Van Showing Clearance between Flange of Wheel and Floor	1½" to 1' outline sectional end elevation of carriage showing 3½" clearance	22.11.21	1921	-	-	PT	105	-
23611	Diagram of Gradients from Loughton to Ongar and Specimen Timetable	½" to 1 mile scale of gradients	25.11.21	1921	-	-	PT	17	-
23612	Diagram of Gradients from Liverpool Street to Ongar and Specimen Timetable	½" to 1 mile scale diagram	25.1.21	1921	-	-	PT	21	-
23614	Diagram of 3 Coach Set Train for Branch Lines	3/8" to 1' interior plan of carriages diagrams 404, 219 and 514	29.11.21	1921	-	219C 404C 514C	PT	17	-
23614 -1	Diagram of 3 Coach Set Train for Branch Lines	3/8" to 1' interior plan of carriages diagrams 404 (to compo), 404, and 514	12.8.22	1922	-	404C 514C	PT	17	-
23621	Steam Heating for Carriages-High and Low Pressure System Notice Plate	Full size plate 6½" by 2¼" lettered 'This Train is Fitted with High Pressure Steam Heating Valves' Endorsed: for exterior use, white letters on red background	14.12.21	1921	-	-	PT	25	-
23624	4-4-0 Express Engines D56 Class with Large Boiler 5'0" Diameter-Diagram Showing Wheelbase and Estimated Weights in Working Order	3/16" to 1' diagram	- .12.21	1921	D56	D15	PT	25	-
23625	First Class Main Line Carriages-Diagram Showing Dimensions of Seats	¾" to 1' sectional side and end elevation of compartment							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23626	First Class Main Line Carriages-Diagram Showing Dimensions of Seats Required	¾" to 1' diagram, appears to be unfinished	19.12.21	1921	-	-	PT	25	
23636	Pullman Cars Showing Panels Numbered for Identification	½" to 1' outline side elevation showing panel numbers Copy of Clayton Wagons Ltd Dg No 798 dated 17/10/21, supplementary No AWW4 My comment: applies to Nos 45, 46 & 47 third class and Nos 1 & 2 second class	3.1.22	1922	-	-	PT	98	-
23639	First Class Main Line Carriages-Diagram Showing Comparative Quantities of Seats and Compartments of Various Railways	1½" to 1' outline and section of compartment with seat profiles in colour Endorsed: for dimensions of seats see Dg No 23637	10.1.22	1922	-	-	PT	100	-
23640	Diagrams of Carriage Stock Showing Positions of Lamp and Ascending Irons	½" to 1' scale 24 outline end elevations of vehicles	13.1.22	1922	-	-	PT	92	-
23644	First Class Main Line Carriages-Diagram Showing Comparative Dimensions of Seats of Various Railways	¾" to 1' elevations and section of compartment with table of 10 key dimensions for GNR, GCR, Midland, LNWR and NER stock	16.1.22	1922	-	-	PT	126	-
23645	Numerals for Painting on Sides of Tenders and Tank Engines	Full size 18" numerals 1 to 0, No 6 also serves as a 9 My comment: drawn by B.C. Dix and endorsed by A.J. Hill 27.2.22	- .1.22	1922	-	-	PT	175	-
23646	Main Line Composite Carriage H36-Arrangement of Body	¾" to 1' general arrangement of 7 compartment corridor body with lavatory and matchboarded lower panels	3.7.22	1922	H86	245C	PT	169	-
23648	Diagram of Bogie Suburban Train	1/16" to 1' outline plan of 8 coach train of 54' stock showing position of smoking compartments, heating and braking	1.2.22	1922	-	-	PT	102	-
23648	Diagram of Bogie Suburban Train	1/16" to 1' outline plan of 8 coach train Endorsed: Ilford standard formation BT, T, S, F/S, S/F, S, T, BT with details of brakes, steam heating pipes, etc. Copy negative	13.2.22	1922	-	-	PT	174	-
23649	Diagram of Bogie Suburban Train Loughton Standard	1/16" to 1' plan of 8 coach train: BT; T; 1/2C; F, S, S,	12.12.22	1922	-	-	PT	176	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23647	Formation	2/3C; BT	12.12.22	1922	-	-	PT	120	-
23650	Glass Bowl for Gas Roof Lamp (No 3 Large)	Full size for 10" roof lamp, 9 5/8" diameter of rim.							
23651	Glass Bowl for Gas Roof Lamp (No 2 Medium)	Full size for 8" Popes Pattern lamp, 8 3/8" diameter of rim	28.1.22	1922	-	-	PT	32	-
23652	Glass Bowl for Gas Roof Lamp (No 1 Small)	Full size for corridor lamps 6" diameter of rim							
23660	Arrangement of Brake Work with Load Valve on General Van Class 1710 to 1750	1½" to 1' elevations and plan of wood underframe to Dg No 5449 with main and auxiliary Westinghouse cylinder, each with reservoir, Vacuum through pipe and an end mounted gas reservoir	13.11.22	1922	-	45M	PT	32	-
23685	Diagram of End of Pullman Car Showing Position of Lamp Irons	½" to 1' outline end elevation using No 12 lamp iron	1.3.22	1922	-	-	PT	61	-
23697	Diagram Showing Distance Between Seats and Size of Compartments Proposed Electric Train 'Suburban Stock'	1' to 1' sectional elevation Endorsed: Tracing made from a copy made by the SE&CR and the dimensions are those of the GER compartments and seats	19.3.22	1922	-	-	PT	84	-
23701	Proposed Conversion of Six Wheeled Vehicles into Bogie Set Trains for Branch Line Use	¼" to 1' diagram of 5 bodies on underframes mounted on articulated bogies, comprising brake 32', 3rd 34'6", 2 x composite 32', brake 32'	- .4.22	1922	-	-	PT	6	-
23717	Carriage Axle Box with Chain Roller Bearings	Full size general arrangement	21.4.22	1922	-	-	PT	65	-
23721	Arrangement of Liquid Fuel Carburettor, Heater and Tank for Y14 Class Goods Engines	1½" to 1' arrangement of tank mounted on front of tender, inside dimensions 2'6" x 1'6" x 1'9" and connections	- .4.22	1922	Y14	J15	PT	31	-
23726	Arrangement of Weather Plate on S23 Class Tender (1153 Eng)	1½" to 1' arrangement of plate	- .4.22	1922	F48 S23	J16 -	PT	120	-
23731	~~Non-Release of Brake Work on Six Wheeled Carriages when Running with Bogie Carriages- Suggested Alteration to Leverage~~	1½" to 1' side elevation of part of brakework on end wheels	9.5.22	1922	-	-	PT	84	-
23734	Suggested Steps for Guard Conductor Trains	1½" to 1' arrangement of 6 step ladder carried in guards compartment	10.5.22	1922	-	-	PT	69	-
23734 -1	Suggested Steps for Guard-Conductor Trains	1½" to 1' folding step fixed to underside of footboard and hooked beneath	11.5.22	1922	-	-	PT	69	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23738	Four Wheels Coupled Bogie Express Engines Class 1900 with 5' Diameter Boiler-Smokebox	3" to 1' detailed arrangement of smokebox	- .11.22	1922	D56	D15	PT	69	-
23739	Four Wheels Coupled Bogie Express Engines Class 1900 with 5Ft 0Ins Boiler-Blastpipe	6" to 1' elevations and plan of blastpipe	15.11.22	1922	D56	D15	PT	139	-
23742	Motor Lorries with Shefflex Chassis (30 and 40 Cwt)- Arrangement of Body	1½" to 1' general arrangement of body lengths 11'8" and 13'2"	11.7.22	1922	-	-	PT	38	-
23744	Four Wheels Coupled Bogie Express Engines Class 1900 Type D16 5'0" Dia. Boiler	1 ½" & 6" to 1' elevations, sections and plan of boiler and full size riveting details Endorsed: altered 4.9.31	- .7.22	1922	H88	D16	PT	177	-
23749	Proposed Conversion of Third Class Carriages to Composites for Guard Conductor Trains	3/8" to 1' interior plan of proposed composite with semi circular 1st bench seats	8.6.22	1922	-	-	PT	84	-
23749	Proposed Conversion of Third Class Carriages to Composites for Guard Conductor Trains	3/8" to 1' interior plan of proposed composite with semi circular 1st bench seats	8.6.22	1922	-	-			
-1	Proposed Conversion of Third Class Carriages to Composites for Guard Conductor Trains	3/8" to 1' interior plan of proposed composite with 2 1st class compartments My note: this scheme adopted	8.6.22	1922	-	248C			
23749 -2									
23754 -3	Proposed Composite Slip Brake (54Ft) Diagram of Proposed Guards Compartment	3/8" to 1' plan of guards and luggage comp. 11'11 5/8" at slip end	12.8.22	1922	-	-	PT	16	-
23754	Diagram of Proposed Composite Slip Brake (54 Feet)	3/8" to 1' interior plan-guard/luggage, lav, 2x1st, 2x3rd and lav, angled sides to guards lookout at end of body	29.6.22	1922	-	-	PT	49	-
23754 -1	Diagram of Proposed Composite Slip Brake (54 Feet)	3/8" to 1' interior plan-guard/luggage, lav, 2x1st, 2x3rd and lav, lookout in conventional position	29.6.22	1922	-	-	PT	49	-
23754 -2	Diagram of Proposed Composite Slip Brake (54 Feet)	3/8" to 1' interior plan-guard/luggage, lav, 2x1st, 2x3rd and lav, lookout at end of body	29.6.22	1922	-	-	PT	49	-
23754 -4	Diagram of Proposed Composite Slip Brake (54 Feet)	3/8" to 1' interior plan-guard/luggage, lav, 2x1st, 2x3rd and lav, lookout at end of body	29.6.22	1922	-	-	PT	49	-
23771	Road Vehicles-Section of Wheel Tyre (2¾" x ¾")	Full size section of rubber tyre	28.6.22	1922	-	-	PT	137	-
23785	Arrangement of Crane Truck (3 Tons Steam) for Civil Engineer	1½" to 1' general arrangement of 25'6" well wagon with 16' well, 2'8" wheels	3.11.22	1922	-	-	PT	63	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23792	Mishap at Liverpool Street 27th July 1922 Diagram of Suburban Train	1/16" to 1' diagram of 8 coach 54' stock train headed by engine No 108	28.7.22	1922	-	-	PT	11	-
23795	Wagon anglais ferme (enbois) de 12 Tonnes a 2 frens a main	1 to 20 scale outline arrangement of 17' 1 1/4" covered van	4.8.22	1922	-	-	PT	94	-
23796	Wagon anglais ferme de 12 Tonnes a frein a vis et guerite	1 to 20 scale outline arrangement of 20' 0 3/16" covered van with caboose	2.8.22	1922	-	-	PT	94	-
23797	Wagon anglais de 12 T	1 to 20 scale outline arrangement of 16' 5 3/4" 7 plank open wagon ex War Department	4.8.22	1922	-	-	PT	94	-
23801	Covered Goods Wagons Sliding Ventilator	3" to 1' interior end elevation and section showing method of closing off end vents Endorsed: 261 wagons fitted with this ventilator to 21.12.25	21.8.22	1922	-	-	PT	132	-
23803	Guard Conductor Trains-Arrangement of Side-Steps	1 1/2" to 1' general arrangement of hand operated steps Endorsed: superseded by Dg No 23995 dated 14.3.28, applicable to underframe Dg No 8675; for details of operating gear see Dg No 23793	11.9.22	1922	-	-	PT	132	-
23807	Increased Train Accommodation-Mr Butler's Invention Applied to Present Standard Suburban Carriage	1 1/2" to 1' section of semi-double deck carriage showing the upper passengers bowler hats exceeding the gauge	25.8.22	1922	-	-	PT	137	-
23809	Diagram of Proposed Six Wheels Coupled Radial Tank with 5'4" Driving Wheels	1 1/2" to 1' outline side elevation of 0-6-2 tank engine with 4'9" boiler, length 34'10" over buffers	- .8.22	1922	-	-	PT	34	-
23821	Six Wheels Coupled Express Engines 1500 Class Arrangement showing Alterations to Pipes and Brackets to Suit 6 1/2" /12" Air Compressor for	1" to 1' arrangement in relation to side elevation of engine	- .9.22	1922	S69	B12	PT	10	-
23826	Four Wheels Coupled Radial Tank Engines P55 Class Arrangement of Gear on Engine to Work Auto Train	1 1/2" to 1' shown in relation to outline of engine	1.12.22	1922	P55	F5	PT	10	-
23843	Four Wheels Coupled Bogie Express Engines D56 Class with 5'6" Diameter Boiler Cab and Splashers	1 1/2" to 1' detailed arrangement. Endorsed: altered 5.30 for removal of cab beading	- .11.22	1922	D56	D15	PT	4	-
23856	Standardisation of Gangways-Diagram of Gangway, Drawgear and Buffing Gear	1/2" and 1" to 1' diagrams of gear on steel framed corridor stock	23.11.22	1922	-	-	PT	104	-
23867	Proposed Gangway for Guard-Conductor Trains	1 1/2" to 1' elevations and plan of conventional style gangway	29.12.22	1922	-	-	PT	95	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23867 -1	Proposed Gangway for Guard-Conductor Trains	1½" to 1' elevations and plan of conventional style gangway	29.12.22	1922	-	-	PT	95	-
23867 -2	Proposed Gangway for Guard-Conductor Trains	1½" to 1' elevations and plan of conventional style gangway	6.1.23	1923	-	-	PT	95	-
23887	Mishap at Ilford 4.1.23-Diagram of 10.20pm Train Liverpool Street to Romford Factory	1/16" to 1' outline diagram of 8 coach train of 54'stock and engine No 140	9.1.23	1923	-	-	PT	95	-
23888	Mishap at Ilford 4.1.23-Diagram of 10.52pm Train Ilford to Woodford	1/16" to 1' outline diagram of 6 coach train of 34'6" 6 wheel stock and engine No 235							
23891	Diagrams Showing Wheelbase and Weights of GNR Engines	1/8" to 1' wheelbase diagrams of 6 engines	13.1.23	1923	-	-	PT	28	-
23894	Guard Conductor Trains-Proposed Arrangement for Steam Heating	3/8" to 1' interior plans of 6 wheel composite, third and brake third with pipe runs and cylinders	- .1.23	1923	-	-	PT	72	-
23895	Guard Conductor Trains-Proposed Arrangement for Steam Heating	3/8" to 1' interior plan of 3 coach train composite, third, brake 3rd showing pipe runs and heaters	- .12.22	1922	-	-	PT	114	-
23896	Guard Conductor Trains-Proposed Arrangement for Steam Heating	3/8" to 1' interior plan of 3 coach train composite, third, brake 3rd showing pipe runs and heaters My comment: a different interior layout to Dg No 23895	- .12.22	1922	-	-	PT	114	-
23897	Diagram of Crane Truck and Guard Truck for Civil Engineers Department 3 Ton Steam Crane	7/2" to 1' outline side elevation of Ruston-Bacynus crane mounted on well wagon 25'6" with trestles on combined ballast and cleaner wagon for jib	12.12.22	1922	-	-	PT	84	-
23898	Four Wheels Coupled Express Engines Class H88-D16-Framing	1½" to 1' details and arrangement of framing	- .2.23	1923	H88	D16	PT	69	-
23901	End Views of Engine and Tender Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline elevations, numbers on both buffer beams and plate on tender end	- .12.22	1922	-	-	PT	53	-
23902	End Views of Engine and Tender Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline elevation of No 1850 showing L&NER in arc on smokebox door and tender end	- .12.22	1922	-	-	PT	53	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23903	Side View of Tank Engine Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline side elevation of engine No 790 with lettering on side tank and GER style plate on bunker	- .12.22	1922	M15	F6	PT	112	-
23904	Side View of Tank Engine Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline elevation of engine with large numerals on tank side and GER style number plate on bunker	- .12.22	1922	-	-	PT	53	-
23905	Side View of Engine and Tender Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline side elevation of No 1850 showing L&NER on front splasher, GER style numberplate and large numerals on tender	- .12.22	1922	-	-	PT	53	-
23906	Side View of Engine Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline side elevation of engine No 1850 showing GER style plate on bunker and lettering on tender	- .12.22	1922	D56	D15	PT	112	-
23907	Side View of Engine and Tender Showing Proposed Arrangement of Numbering and Lettering.	1" to 1' side elevation of engine 1850 showing position of L&NER and 1850 on tender side	- .12.22	1922	D56	D16	PT	12	-
23909	Mishap at Abbey Gate 18th December 1922 Diagram of Train	1/16" to 1' diagram of 6.56pm ex Woolwich to Fenchurch Street train	23.12.22	1922	-	-	PT	18	-
23910	Four Wheels Coupled Bogie Express Engines Class 1900 (D16/2) with 5Ft Diameter Boiler Cast Iron Chimney and Hood	6" to 1' elevation and plan Endorsed: altered 30.1.23.	- .12.22	1922	D56	D16	PT	12	-
23911	Four Wheels Coupled Bogie Express Engines Class 1900 with 5Ft Diameter Boiler-Dome Casing	Full size section of dome 1'6 9/16" high	9.1.23	1923	S46	D15	PT	120	-
23917 A	Arrangement of Writing on L&NER Covered Wagon Stock (GE Type 19Ft)	1 1/2" to 1' outline side elevation of van showing lettering Endorsed: this tracing amended to suit Doncaster Dg dated 17.5.23 and 'A' added	8.5.23	1923	-	-	PT	92	-
23937	Proposed Conversion of Ward Car No 61 Ambulance Train to Kitchen Car	3/8" to 1' diagram of interior of 54' coach to seat 19 passengers	18.1.23	1923	-	36C	PT	20	-
23940	Wagon anglais de 12 Tonnes a haussettes hautes et frein a vis	1 to 20 scale outline arrangement of 19' 7 plank open wagon with caboose	20.1.23	1923	-	-	PT	94	-
23941	Wagons anglais cuverts de 12 tonnes dans le gabarit anglais (GN, GC, GE & NE)	1/90 scale end elevation of 2 wagons in relation to loading gauge, open with caboose Nos 30001 to 30600 and 30601 to 31100	20.1.23	1923	-	-	PT	2	-
23942	Wagon anglais ouvert de 12T a haussettes hautes et a guerite. Numerous anglais 30,001 a 30,600. Numeros FR 142101 a 142700	1/2" to 1' outline arrangement of 6 plank open wagon with caboose, 19' long, 9' wheelbase	20.1.23	1923	-	-	PT	20	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23943	Register Plate	Full size elevation and section of RCH registration plate for all LNER areas	- .1.23	1923	-	-	PT	2	-
23944	Proposed Conversion of Brake & Stores Car from No 61 Ambulance Train to First Class Carriage	3/8" to 1' interior plan of 54' carriage to seat 32 passengers							
	Proposed Conversion of Brake & Infectious Ward Car from No 61 Ambulance Train to Brake Van		7.5.23	1923	-	-	PT	2	-
23945		3/8" to 1' interior plan of 54' carriage							
23947	Wagons anglais cuverts de 12 tinnes dansle gabarit anglais (GN, GC, GE & NE)	1/90 scale end elevation of 2 wagons in relation to loading gauge for wagons Nos 33751 to 34950. 2371 to 2600 and 31101 to 31500	25.1.23	1923	-	-	PT	2	-
23950	Four Wheels Coupled Express Engines Class 1900 with 5ft Diameter Boiler-Arrangement of Reversing Gear	1 1/2" to 1' of gear in relation to part side elevation and plan of engine. Endorsed: for D16 engines with D&J Boiler see Dg No 30951; for alteration to position of reversing screw and valve 5.38	30.1.23	1923	1900	D15	PT	2	-
23968	Diagram Showing NE Carriage between Two GE Carriages	3/16" to 1' side elevation of GE 50' corridor 3rds either side of NER carriage	- .2.23	1923	-	-	PT	140	-
23969	Proposed Conversion of Ward Car from No 61 Ambulance Train to Open First	3/8" to 1' interior plan of 54' coach	26.2.23	1923	-	-	PT	21	-
23969-1	Proposed Conversion of Ward Car from No 61 Ambulance Train to Open First	3/8" to 1' interior plan of 54' coach	21.3.23	1923	-	126C	PT	21	-
23970	Conversion of Staff Car from No 61 Ambulance to Corridor Third	3/8" to 1' interior plan of 54' carriage	26.2.23	1923	-	435C	PT	83	-
23971	Proposed Conversion of Personnel & Ward Card from No 61 Ambulance Train to Open Third	3/8" to 1' interior plan of 54' coach	26.2.23	1923	-	-			
	Proposed Conversion of Brake & Infectious Ward Car from No 61 Ambulance Train to Open Brake Third						PT	21	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23972		3/8" to 1' interior plan of 54' coach	26.2.23	1923	-	-			
23971 -I	Proposed Conversion of Personnel & Ward Car from No 61 Ambulance Train to Open Third	3/8" to 1' interior plan of 54' coach	21.3.23	1923	-	446C	PT	21	-
23971 -I Att	Proposed Alteration to Lavatory to Provide Better Facilities for Loading and Unloading Passengers ~~Proposal No. 2~~	3/8" to 1' interior plan of lavatory	21.3.23	1923	-	-	PT	21	-
23971 -I Att	Proposed Alteration to Lavatory to Provide Better Facilities for Loading and Unloading Passengers ~~Proposal No. 3~~	3/8" to 1' interior plan of 54' lavatory	24.3.23	1923	-	-	PT	21	-
23973	Proposed Conversion of Brake & Stores Car from No 61 Ambulance Train to Open Brake Third	3/8" to 1' interior plan of 54' coach	26.2.23	1923	-	560C	PT	21	-
23974	Proposed Conversion of Kitchen & Mess Room Car from No 61 Ambulance Train to Open Brake Third	3/8" to 1' interior plan of 54' coach	26.2.23	1923	-	559C			
23975	Proposed Conversion of Kitchen & Sick Officers car from No 61 Ambulance Train to Open Brake Third	3/8" to 1' interior plan of 54' coach	26.2.23	1923	-	558C			
23976	Proposed Conversion of Pharmacy Car from No 61 Ambulance Train to Open Brake Third	3/8" to 1' interior plan of 54' coach	26.2.23	1923	-	557C			
23978 Part	Four wheels Coupled Bogie Express Engines D56 Class with 5Ft Diameter Boiler Arrangement of Clothing	1 1/2" to 1' part side elevation of clothing	2.3.23	1923	D56	D15	PT	21	-
23978	Four Wheels Coupled Bogie Express Engines-Rod, Pipe and Clothing Arrangement	1 1/2" to 1' elevations and plan of engine Endorsed: several alterations up to 4.2.34 My comment: bottom right hand corner of tracing missing, part of title lacking but no loss of detail	- .12.24	1924	H88	D16	PT	175	-
23979	Conductor Guard Trains Suggested Position of Parcel Racks in First and Third Class Compartments	1" to 1' sectional elevations of composites converted from Dia 404 thirds	26.2.23	1923	-	404C	PT	21	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Racks in First and Third Class Compartments	Endorsed: altered 22.1.24							
23984	Four Wheels Coupled Bogie Express Engines Class D56 (D16) with 5Ft Diameter Boiler-Bogie Arrangement	3" to 1' bogie arrangement Endorsed: see Dg No 23985 for details of bogie; altered 5.39	- .5.23	1923	D56	D16	PT	112	-
23995	Guard Conductor Trains-Arrangement of Side Steps	1 1/2" and 3" to 1' arrangement of steps operated by hand from guard compt. Endorsed: this drawing to supersede drawing 23803	14.3.23	1923	-	-	PT	80	-
24000	Diagrams of Locomotive Boilers	1/4" to 1' outline dimensioned elevations of boilers, classes to which fitted and their GA numbers. Diagrams allocated part numbers 1 to 19	- .3.23	1923	-	-	PT	92	-
24014	L&NER GNR Engine H3, H2 Classes GNR Loading Gauge-GER Loading Gauge Shown in Red	1/2" to 1' outline end elevation of the two classes	6.4.23	1923	-	-	PT	49	-
24026	Arrangement and Details of Vestibule Shield	3" and 6" to 1' timber construction hinged down centre	18.4.22	1922	-	-	PT	23	-
24029	GCR No 8 and 8G Class Engines in Load Gauge- Alterations Required to bring within GER Load Gauge shown in Red	1" to 1' front outline elevations with alterations in red Copy of Gorton drawing dated 13.4.23 (signed by Robinson)	19.4.23	1923	-	-	PT	125	-
24032	Mishap at Liverpool Street 13.4.23-Diagram of Train	1/16" to 1' diagrammatic plan of train of 4 wheel 6 a side carriages	23.4.23	1923	-	-	PT	71	-
24033	Cranes Nos 2 & 9 (Steam Built by Alex. Chaplin, Glasgow 1873)	1/2" to 1' outline side elevation of 4 wheel crane, 2' wheels, 32'3" jib	- .5.23	1923	-	-	PT	72	-
24034	Arrangement of Writing for Sleeping Cars	3/4" to 1' outline side elevation of carriage with lettering details Endorsed: alteration to lettering 6.6.23, 6.7.25 and 11.1.26 Copy of Doncaster Dg No 4244 dated 21.3.23	30.4.23	1923	-	-	PT	175	-
24035	Arrangement of Writing on L&NER Covered Wagon Stock	1 1/2" to 1' outline side elevation of van showing writing details and painting instructions	1.5.23	1923	-	-	PT	91	-
24036	Wagon Numberplate (Cast Iron) 10 Ton Wagons	Full size 'D' plate 11" x 7 1/2" inscribed 'LNER-E 10 Tons 654320' Endorsed: superseded by Dg No 24367 dated 14.1.24	2.5.23	1923	-	-	PT	102	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24037	Wagon Number Plate (Cast Iron) Standard 12 Ton Wagon	Full size 11" by 6½" D-plate lettered 'LNER-E/Standard 12 Tons/654320' with schedule showing area affixes related to pre-Group companies Endorsed: superseded by Dg No 24367	3.5.23	1923	-	-	PT	60	-
24041	Dimension Plate for Carriage Stock	Full size showing position of figures on 8" by 6" cast iron plate. Endorsed: see Dg No 24042 for actual figures	4.3.23	1923	-	-	PT	22	-
24048	Arrangement of Gangway for Guard Conductor Vehicles	3" to 1' elevations of gangway Endorsed: not worked to now 3.12.25	- .4.23	1923	-	-	PT	121	-
24052	LNER Doncaster-Arrangement of Writing on Small Carriage Stock	¾" to 1' outline side elevation of 6 wheel composite with dimensions of lettering Endorsed: ampersand not required 6.23 Copy of Doncaster Dg 4302 dated 27.4.23	15.5.23	1923	-	-	PT	92	-
24057	Diagrams of Gradients from Liverpool Street to Enfield Town & Chingford	½" to 1' horizontal scale	- .5.23	1923	-	-	PT	98	-
24058	Arrangement of Writing on Luggage Brake Van	¾" to 1' side elevation showing lettering and dimensions on GNR type van Endorsed: altered 6.23, 1.25 and 7.25 Copy of Doncaster Dg No 4301 dated 26.4.23	16.5.23	1923	-	-	PT	98	-
24063	Water Scoops Shown in Position in Water Troughs	Diagram with table of dimensions for GN, NE, NB, GE and GC troughs. Copy of Doncaster diagram No 23-5	17.5.23	1923	-	-	PT	5	-
24070	~~Express Engines 1200 Class and Coal Engines 1200 Class~~ Arrangement of Experimental Smokebox Doors ~~42" Diameter~~	3" to 1' details of both types of engine and doors	21.5.23	1923	1900	D15	PT	5	-
24072	Registration Plates on Private Owners Wagons	Full size elevations of 6 types of plate-new wagons, starred tank wagons, replacements and rebuilt stock Endorsed: No 1 plate altered from 'To Carry 12 tons' to 'Standard 12 Tons' 4.4.24 Copy of Doncaster Dg No 4282 dated 19.4.23	4.6.23	1923	-	-	PT	175	-
24073	Four Light Semi-Indirect Fitting	Full size sectional elevation and plan of 12" dia alabaster bowl with opal shades and 4 20 Watt gas filled lamps Copy of Doncaster Dg No 3830 dated 22.4.22	29.5.23	1923	-	-	PT	175	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24075	Dimension Plates on Carriage Stock-Proposed Position on Steel Panelled Carriages	¾" to 1' end elevations of GER ordinary and brake carriages	30.5.23	1923	-	-	PT	60	-
24078	Name and Number Plate for Horse Boxes, Special Cattle Boxes and Carriage Trucks	Full size plate 11" by 6½" D-plate lettered 'L&NER-E/1432'. My comment: tracing originally included ampersand	1.6.23	1923	-	-	PT	59	-
24081	Brake Composite Carriage No 445	¼ to 1' side elevation and ½" to 1' end section. Endorsed: this diagram was made to send to the Engineer of the Southern Scottish Section	7.6.23	1923	-	225C	PT	25	-
24083	Plate for Affixing to Belgian Wagons Approved of by LNER	Full size of plate 6½" x 5½" with clipped corners lettered 'I923/ Approved/LNER/1000' Endorsed: superseded by Dg No 24146	12.6.23	1923	-	-	PT	25	-
24090	Four Wheels Coupled Bogie Express Engines with 5'0" Diameter Boiler H88 Class-Arrangement of Pipes for Vacuum and Westinghouse Brakes	1½" to 1' outline elevation of engine Endorsed: for smokebox see Dg No 23738; brakework Dg No 13579; details Dg Nos 22380 and 24030, altered 25.5.33, Dg No 31240 of nipple	21.1.24	1924	H88	D16/1	PT	23	-
24097	End Profile of Carriages to Diagrams 14600-445E and 555E	3/16" to 1' profiles of 3rd and Brake 3rd	- .6.25	1925	-	445C 555C	PT	49	-
24109	Diagram of Gradients Wells to Hunstanton	½" to 1 mile horizontal scale	9.7.23	1923	-	-	PT	49	-
24110	2½" Ross Patent Muffled Pop Safety Valve	Full size sectional elevation	- .4.22	1922	-	-	PT	66	-
24111	Horse Boxes, Special Cattle Boxes and Carriage Trucks (Open and Covered)-Plates for Denoting Position of Brake Release Cord and Type of Brake	1" to 1' and full size showing details of 3" cast W for Westinghouse brake and 4" star for Vacuum fitted stock fixed on centre line of solebar. Endorsed: superseded by Dg No 24175	11.7.23	1923	-	-	PT	48	-
24117	Number Plate for Gunpowder Vans (Cast Iron)	Full size D plate 9" by 5" lettered LNER-E/7 Tons/412345. Endorsed: '&' in L&NER removed 8.8.23; superseded by Dg No 24367	- .7.23	1923	-	-	PT	48	-
24125	~~Six Wheels Coupled Radial Tank Engines Class K87~~ Alterations to Smoke Box to Suit 4½" GN Anti-Vacuum Valve	3" to 1' sectional side and end elevations of upper part of smoke box	- .7.23	1923	K89	N7	PT	75	-
	Dimension Plates on Coaching Stock Diagram	¾" to 1' half end elevations of ordinary and brake end elliptical roof carriages							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24130	Dimension Plates on Coaching Stock-Diagram Showing Position	Endorsed: note the plates to be on each end of carriage and on left hand side facing end. Not required on suburban stock	25.7.23	1923	-	-	PT	75	-
24142	Diagram of Earl of Derby's Horse Box Showing Lettering	1" to 1' outline side elevation of 20' body	13.8.23	1923	-	-	PT	8	-
24146	Plate for Fixing to Continental Wagons Approved by Railway Clearing House for Circulation over Railway Companies Lines in Great Britain	Full size plan and section of 6½" by 5½" plate	15.8.23	1923	-	-	PT	8	-
24149	Six Wheels Coupled Radial Tank Engines Class K89 Boiler	1½" to 1' arrangement Endorsed: altered 10.23, 6.32, 3.24	- .8.23	1923	K89	N7	PT	8	-
24152	Six Wheels coupled Radial Tank Engines Class K89-N7-Vacuum Brake Arrangement	1" to 1' outline elevation of engine with arrangement of gear	17.9.23	1923	K89	N7	PT	63	-
24159	Standard Wagon Axles for Various Periods	3" to 1' elevations of 4 axles, all 8" by 3¾" journals, 6'7½" centres altered to 6'6" centres from 1910	23.8.23	1923	-	-	PT	61	-
24162	Lamp Iron Socket for Carriage Side and Tail Lamps	Full size details of side and tail lamps	27.8.23	1923	-	-	PT	72	-
24165	Banana Vans-Arrangement of Body Showing Insulation	1½" to 1' sectional elevations showing 1 layer of Pluvex as insulation	28.8.23	1923	-	85W	PT	72	-
24166	First Class Centre Corridor Carriages-Suggested Method for Indicating Class	¾" to 1' showing label on compartment side light and compartment	30.8.23	1923	-	-	PT	72	-
24168	Arrangement of Steam Heating on Banana Van	1½" to 1' interior details of heating pipes and equipment below solebar level	4.8.23	1923	-	85W	PT	72	-
24173	First Class Centre Corridor Carriages-Suggested Method for Indicating Class	3/16" to 1' side elevation of carriage showing GER style lettering, amended to LNER layout and ¾" to 1' internal elevation showing FIRST above internal door and 1 on door Endorsed: altered in red on 19.1.24	10.9.23	1923	-	125C	PT	126	-
24175	Carriage Stock-Brake Release and Builders Plates (With Positions)	½", ¾" and 1" to 1' and full size showing Vacuum star, Westinghouse "W" and builders plate and their positions on stock Endorsed: these plates were traced from GN Sect Dg No 4408	17.9.23	1923	-	-	PT	127	-
24178	Banana Vans-Arrangement of Brake Work	1½" to 1' details of hand and Vacuum brakes shown on underframe Endorsed: underframe to Dg No 19351	29.9.23	1923	-	85W	PT	72	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24179	Banana Van-Arrangement of Ventilator	3" to 1' arrangement of individual lever operated 4 vane shutter on ends of wagon Endorsed: L&NWR pattern	3.10.23	1923	S89	85W	PT	129	-
24184	End View of No 1338 Third Class Carriage	1½" to 1' dimensioned end profile of widened carriage	2.10.23	1923	-	421C	PT	128	-
24185	Adhesive 'Smoking' Label	Full size label size 12" x 3 5/8" with blue letters on white ground Copy of Doncaster Dg No 4484 dated 20.9.23	2.10.23	1923	-	-	PT	127	-
24189	Arrangement of Writing on Banana Vans	1½" to 1' outline side elevation with lettering details Endorsed: lettering altered see Dg No 27341 dated 13.10.27	6.10.23	1923	-	-	PT	92	-
24191	Engines Class F48-Eccentric Sheaves	Full size elevations	- .10.23	1923	F48	J16	PT	76	-
24227	Inside View End of Brake	Dimensioned sketch from interior of goods brake van Colne Valley & Halstead Railway drawing accessioned by Stratford 15.10.23	1.6.08	1908	-	-	PT	83	-
24228	Side Bearing Spring for 42Ft Bogie Carriage-Colne Valley Railway	3" to 1' elevation and plan of 8 plate spring 4'2¼" centres My comment: Colne Valley & Halstead Railway drawing accessioned by Stratford 15.10.23	27.9.07	1907	-	-	PT	83	-
24229	C.V.R. Steel Buffer Shell for New 45' Bogie Carriages	Full size elevations and plan	25.4.06	1906	-	-	PT	102	-
24230	C.V.R. Axleboxes for New Coaches	6" to 1' elevations and plan of box for 8" by 3¾" journals	3.11.06	1906	-	-	PT	102	-
24231	CVR	6" to 1' front and side elevation of an axle box My comment: Colne Valley & Halstead Railway drawing accessioned by Stratford 15.10.23	9.11.06	1906	-	-	PT	83	-
24232	(elevations and plans of axlebox)	6" to 1' scale details My comment: a Colne Valley & Halstead Railway plan	8.11.06	1906	-	-	PT	102	-
24233	Bogie Spring Spring for 42Ft Bogie Coach-Bogie Side Spring	3" to 1' elevation and plan of 6 plate spring 4'2¼" centres My comment: Colne Valley & Halstead Railway drawing accessioned by Stratford 15.10.23	3.9.07	1907	-	-	PT	83	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24236	C.V.R.- Bogie for 42Ft Bogie Coaches	1½" to 1' general arrangement of 7'0" wheelbase bogie Endorsed: CV&HR drawing	21.5.07	1907	-	-	PT	140	-
24237	Composite Motor Coach CV&HR	1" to 1' arrangement of 39'6" body as originally built Endorsed in pencil: converted into Bk 3rd by CERly Co No 13 and new bogies fitted, windows removed in control compt and panelled up; drawing indexed at Stratford 15.10.23 Copy of Brown, Marshalls Dg 9508 Order 7261 supplied to MR&MDR Jt Stock	19.1.06	1906	-	200C	PT	171	-
24238	First Class Carriage CV&HR	1" to 1' arrangement of 39'6" body Endorsed: drawing indexed at Stratford 15.10.23 Copy of Brown, Marshalls Dg No 9505 Order 7261 supplied to MR&MDR Jt Stock	13.1.06	1906	-	-	PT	171	-
24239	Suggested Rearrangement of Saloons Nos 1 and 63	3/8" to 1' interior plan of saloons as a pair, No 63 with 12 and 8 seat dining saloons, extensive rebuilding of No 1. Endorsed: Scheme No 1	23.10.23	1923	-	34C 29C	PT	127	-
24240	Suggested Rearrangement of Saloons 1 and 63- Scheme No 2	3/8" to 1' interior plan of saloons, used as a pair, each having 12 seat dining saloon and gangways fitted to No 63	23.10.23	1923	-	34C 29C	PT	125	-
24241	C.V.R.-Bogie for 39'6" Bogie Brake Third	1½" to 1' general arrangement of 7'0" wheelbase bogie Endorsed: CV&HR drawing	3.2.08	1908	-	-	PT	140	-
24263	Existing Arrangement of Saloons Nos 1 and 63	¾" to 1' interior plans	23.10.23	1923	-	34C 29C	PT	69	-
24269	Diagrams of Engine Springs	1½" to 1' diagrams of 19 types of springs with their drawing numbers Endorsed: see later tracing No 24269	- .11.24	1924	-	-	PT	69	-
24269 -1	Diagrams of Engine Springs	1½" to 1' diagrams of 6 types of springs	26.1.24	1924	-	-	PT	69	-
24269 -2	Diagrams of Tender Springs	1½" to 1' diagrams of 4 types of spring	28.1.24	1924	-	-	PT	69	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24272	Lavatory Carriages-Angle Washbasins Complete with Fittings	6" to 1' elevations and plans of corner fitting basin	1.11.23	1923	-	-	PT	51	-
24273	North British Railway-Clearing House Load Line Excepting on Auchmucty Mills and Souterhouse Branches	1/2" to 1' diagram. Copy of NBR Dg dated 20.4.09, retraced 9.23	5.9.23	1923	-	-	PT	51	-
24274	London Suburban Electrification	Graph plot of proposed GN suburban services over 24 hours, on graph paper about 20' long	12.11.23	1923	-	-	TP	51	-
24274 Att	Untitled	A vertical index of station names to be used against Dg Nos 24274-6	12.11.23	1923	-	-	TI	51	-
24275	London Suburban Electrification-Train Diagram for Morning Rush Period as Given in Traffic Memorandum dated 26.9.23	Graph plot.	- .11.23	1923	-	-	PT	51	-
24276	London Suburban Electrification-Train Diagram for Evening Rush Period as Given in Traffic Memorandum dated 26.9.23	Graph plot. Endorsed: cancelled see Dg No 24292	- .11.23	1923	-	-	PT	51	-
24289	Main Line First Class Carriages-Plan of Compartments Showing Seating Space	3/4" to 1" plan of compartment showing position of 2 arm rests with single arm rest superimposed	15.11.23	1923	-	-	PT	28	-
24292	London Suburban Electrification-Evening Rush Period	Diagram on graph paper of services from Bank, Moorgate and Kings Cross to Hertford Endorsed: this Dg cancels No 24276	- .11.23	1923	-	-	P	134	-
24293	Proposed Method of Indicating Dimensions, etc. of Coaching Stock	Full size details of C.I. plate 8" x 6" and 1 1/2" to 1' elevation showing position on coach end Copy of Gorton Dg No 6223A dated 2.11.23	- .11.23	1923	-	-	PT	134	-
24297	12 Ton Open Goods Wagon-Standard Underframe Taper Nosed Door	1 1/2" to 1' elevation of door and 3" to 1' section and 6" to 1' details of door ironwork and cill plate	6.12.23	1923	-	-	PT	134	-
24298	Six Wheels Coupled Express Engines S69 Class-Arrangement of Vacuum Brake	1 1/2" to 1' arrangement of brake shown in relation to outline of engine	- .12.23	1923	S69	B12	PT	134	-
24308	Proposed Conversion of Ward Car from No 61 Ambulance Train to Open Third	3/8" to 1' end elevation and interior plan of 54' carriage Endorsed: superseded by Dg No 24320	3.12.23	1923			PT	26	-
24309	Proposed New Continental Train for Antwerp Service	1/16" to 1' outline side elevation and interior plan of 9 coach train. Endorsed: see Dg No 23409A	5.12.23	1923	-	-	PT	26	-
24309	Proposed New Continental Train for Antwerp	1/16" to 1' outline elevation and interior plan of 9	18.1.24	1924	-	-	PT	26	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
A	Service (GE Section)	coach train	16.1.24	1924	-	-	PT	26	-
24310	Proposed New Continental Train for Hook of Holland Service	1/16" to 1' outline elevation and interior plan of 11 coach train. Endorsed: see Drg No 24310A	5.12.23	1923	-	-	PT	26	-
24311	Clinker Shovel	1/16" to 1' detailed arrangement Traced from Doncaster Dg No OO-86 dated 26.11.23	5.12.23	1923	-	-	PT	99	-
24312	Six Wheels Coupled Goods Engines Class F48-J17-Motion Arrangement	3" to 1' elevation and plan of motion	- .11.35	1935	F48	J17	PT	99	-
24318	Maximum Loading Gauge for Use over LNER, LMSR, Southern Railway, GWR, Metropolitan Railway, Inner Circle and Widened Lines	1" to 1' profile of loading gauge Copy of Civil Engineer's Dg 3L650 1.1.24	20.10.32	1932	-	-	PT	82	-
24318	Maximum Loading Gauge for Use over LNER, LM&SR, Southern Railway, GWR, Met Railway (Inner Circle and Widened Lines)	1" to 1' dimensioned gauge profile prepared in connection with Harwich-Zeebrugge Train Ferry service Endorsed: see new tracing, same number dated 20.10.32 Copy of Chief Civil Engineer's plan No 3.L.560	19.12.23	1923	-	-	PT	110	-
24319	Diagrams and Tables Showing Dimensions of Existing Coaching Stock	1 1/2" to 1' end profile of carriage and long schedule of dimensions for all GE Section stock Endorsed: required for standardisation of loading gauge	- .1.24	1924	-	-	PT	99	-
24319	Diagrams and Table Showing Dimensions of Existing Coaching Stock	Outline end elevation of carriage, outline elevations of 4 and 6 wheel and bogie carriages with a table of 20 key dimensions for 37 different types of carriage and miscellaneous stock referenced to sections and elevations	- .1.24	1924	-	-	PT	177	-
24320	Proposed Conversion of Ward Car from No 61 Ambulance Train to Open Third	3/8" to 1' end elevation and interior plan of 54' carriage Endorsed: this diagram for Ward Cars No 6112 & 6113 from No 61 Train; superseded by Dg 24408	17.1.24	1924	-	-	PT	99	-
24321	London Suburban Electrification-Diagram of Main Line Passenger and Goods Trains between London and Miskin as Shown in the WTT for October 1923 and	Train path diagram on graph paper	- .12.23	1923	-	-	TI	147	-
24321		A vertical list of station names to be used against Dg							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part	Untitled	A vertical list of station names to be used against Dg No 24321	- .12.23	1923	-	-	PT	147	-
24324	Vacuum Automatic Brake Patent 18In Cylinder 'E' Class	Full size section of cylinder and 6" to 1' plan of underside Endorsed: traced from VP Co Dg No 13080	10.12.23	1923	-	-	PT	120	-
24352	Proposed Scoop and Arrangement of Scoop Gear for Standard Tenders	1½" and 3" to 1' arrangement shown in relation of tender and details of components	- .1.24	1924	-	-	PT	69	-
24370	Small Destination Boards 2' 8¼" by 3 3/8" by 3/8"- Details of Socket and Position of Socket for Standard Carriage 8'6" wide and Carriage with Top Quarter Lights 8'6" Wide.	Part Dg No 10043 for the NE Section	10.1.24	1924	-	-	PT	13	-
24374	GE Section Horse Boxes, Carriage Vans, Carriage Trucks, Special Cattle Boxes-Position of Label Holders	½" to 1' outline side elevations of 6 vehicles.	28.1.18	1918	-	-	PT	7	-
24376	LNER GE Section End Profile Diagram of 5 Tons Steam and Hand Crane No 381	½" to 1' end elevation.	29.1.24	1924	-	-	PT	16	-
24381	Composite Loading Gauge	1' to 1' profile of (a) maximum loading gauge for use over the Grouping Cos lines and Metropolitan Railway, Inner Circle and Widened lines and (b) maximum gauge for GN, GC, GE and NE Rlys	6.2.24	1924	-	-	PT	144	-
24382	Composite Maximum Loading Gauge for GN, GC, GE and NE Rlys	1" to 1' profile Endorsed: made from Engineer's Dg 2L361 dated 5.8.22 (attached to Zeebrugge papers)	6.2.24	1924	-	-	PT	144	-
24383	Sketch Showing Position of Number Plate on Back of Tender	1" to 1' outline end elevation showing plate No 1562	6.2.24	1924	-	B12	PT	144	-
24401	Four Wheels Coupled Bogie Tank Engines Class S44- Arrangement of Vacuum Brake	1½" to 1' arrangement shown in relation to outline of engine. Endorsed: amended 10.3.24	- .2.24	1924	S44	G4	PT	35	-
24407	Sketch Showing Window Protectors Used on Back Cab Windows of Tank Engines	1½" to 1' arrangement of bars for round porthole and N7 type windows	15.2.24	1924	-	-	PT	35	-
	Proposed Conversion of Ward Cars from Ambulances	3/8" to 1' interior layout of open carriage to seat 42 passengers, and end elevation							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24408	Proposed Conversion of Ward Cars from Ambulance Train No 61 to Open Thirds	Endorsed: this arrangement necessitates rebuilding sides of the vehicles for ward cars Nos 6112 and 6113; supersedes Dg No 24320	18.2.24	1924	-	-	PT	35	-
24412	Proposed Cast Iron Number Plate for Tenders	Full size 11 1/4" by 6" plate with rounded corners inscribed 'Tender/7890/L.N.E.R. Endorsed: see later Dg No 24525	- .2.24	1924	-	-	PT	65	-
24415	Painting and Numbering Wagon Stock-Engineers Department	1/4" to 1' diagrams V5-11 ton ballast brake and T2-10 1/2 Tons ballast wagon showing lettering Endorsed: copied from Dg No 12027D dated 15.2.24; Engineers service wagons to be painted blue, all writing to be white	19.2.24	1924	-	-	PT	66	-
24419	Suburban Train of Quintuple Unit Carriages	1/8" to 1' outline side elevation and plan of train Endorsed: cancelled see tracing 24419 dated 31.10.28	7.1.24	1924	-	-	PT	66	-
24419 -1	The Railway Executive Eastern Region Suburban Train of Quintuple Unit Carriages	1/8" to 1' outline side elevation and plan of train Endorsed: altered 27.4.48			-	-	PT	66	-
24420	43ft 4 1/2ins Steel Underframe for Inner Bodies of Quintuple Unit Carriages	1" to 1' arrangement of frame only Endorsed: Superseded by Dg 28493 Copy of Doncaster Dg 2887	3.5.24	1924	-	-	PT	78	-
24420	43ft 4 1/2ins Steel Underframe for Inner Bodies of Quintuple Unit Carriages	1" to 1' arrangement of underframe with sections Endorsed: cancelled see Dg same No dated 27.2.28	5.5.24	1924	-	-	PT	172	-
24421	43ft 4 1/2ins Steel Underframe for Outer Bodies of Quintuple Unit Carriages (Non-Vestibule)	1" to 1' arrangement of articulated underframe Endorsed: cancelled see Dg same No 27.2.28 Copy of Doncaster Dg Nos 4010 and 4011	5.5.24	1924	-	-	PT	121	-
24421	43ft 4 1/2ins Steel Underframe for Outer Bodies of Quintuple Unit Carriages (Non Vestibule)	1" to 1' arrangement of frame with sections	5.5.24	1924	-	-	PT	172	-
24422	LNER GE Section Suburban Train of Triple Unit Carriages	1/8" to 1' outline elevation and plan of train of 4 triple units with 43'6" bodies	21.1.24	1924	-	-	PT	142	-
24423	Four Wheel Carriage Bogie with Pressed Steel Frame, Outside Solebars and Compound Bolsters 8ft 6ins Wheelbase	3" to 1' arrangement with sections Endorsed: altered 10.11.33 Copy of Doncaster Dg No 1367N	19.7.11	1911	-	-	PT	148	-
24424	Screw Down Fitting for Torpedo Ventilator (Third Class)	Full size details of 10 components Copy of Doncaster Dg No 4582N	11.12.35	1935	-	-	PT	74	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24425	Net Rod Bracket (Brass)	Full size elevations Copied from Doncaster Dg No N3943	- .12.24	1924	-	-	PT	145	-
24426	Hat and Coat Hook (Brass Polished Finish)	Full size elevations Copied from Doncaster Dg No N4593							
24429	Quintuple Unit Suburban Trains-Brake Compartment	1½" to 1' interior elevations of compartment Endorsed: revised 19.2.26	16.7.24	1924	-	-	PT	142	-
24430	Brass Ashtray - Polished Finish	Full size details of type mounted on door pillar. Copied from Doncaster Dg No 3541	14.12.25	1925	-	-	PT	5	-
24431	Quintuple Unit Suburban Trains-Arrangement of Door	3" to 1' elevations of inside and outside face of door and section and full size section at waist rail	26.5.24	1924	-	-	PT	-	-
24434	Quintuple Unit Carriages-Suburban-Outer Composite (First & Second Class)-Arrangement of Body	¾" to 1' general arrangement of 43'6" body with 3" to 1' details Endorsed: altered 2.26	20.4.24	1924	-	LNE76	PT	173	-
24434 Part Amend	Quintuple Unit Carriages Suburban-End of Outer Composite (1st and 2nd Class) Showing Battens not Required Through Leaving off Steps	¾" to 1' end elevation showing framing and batten details Endorsed: batten is required with Vickers lighting system see Dg No 24875	4.6.24	1924	-	-	PT	-	-
24435	Arrangement of Inner Bodies Quintuple Unit Suburban Trains Second Class-Third Class-Second & Third Composites	¾" to 1' general arrangement of 43'6" body with 6" to 1' sections LNE79 Endorsed: altered 2.26	15.3.24	1924	-	LNE77 LNE78 LNE79	PT	173	-
24436	Quintuple Unit Suburban Trains-Arrangement of Brake Third Class Carriage	¾" to 1' general arrangement of 43'6" body Endorsed: altered 2.26; cancelled see Dg same No dated 12.3.26	29.4.24	1924	-	LNE80	PT	173	-
24436 Part Amend	Quintuple Unit Carriages Suburban-End of Brake Third Class Carriage Showing Battens not Required Through Leaving off Steps	1" to 1' end elevation showing framing and batten details Endorsed: batten is required with Vickers lighting system see Dg No 24875	4.6.24	1924	-	-	PT	-	-
		¾" to 1' arrangement of 43' 6" body							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24436	Quintuple Unit Suburban Trains-Arrangement of Brake Third Carriage	Endorsed: altered 3.26 and 5.29; ventilator in quarter superseded by one in door 5.29; brake compartment altered in accordance with sketch received from Kings Cross, see Mr Gresley's letter dated 25.2.26 My comment: a reproducible copy negative	29.4.24	1924	-	-	PT	-	-
24451	Wood's Wire Woven Seat for First and Third Class Compartments Suburban Quintuple Carriage	3" to 1'. Seat length 7'11 1/4" Copy of Doncaster Dg No 3272N	25.4.24	1924	-	-	PT	23	-
24453	Finger Guard for Suburban Carriage Doors	Full and half size details of teak moulding mounted on standing pillar Copy of Doncaster Dg No 1948N	6.5.24	1924	-	-	PT	23	-
24456	Quintuple Unit Suburban Carriages-Arrangement of Buffing Gear for Outer Ends	3" to 1' elevation and plan of gear Endorsed: buffer head dimensions amended 26.7.26 Copy of Doncaster Dg No 2954N	19.5.24	1924	-	-	PT	23	-
24457	Quintuple Unit Carriages-Suburban. Details of Lamp Irons	Full size, types 1, 3, 8 and 9 shown. For brake third and composite Carriages Endorsed: marked No 8 not required 19.4.29	22.5.24	1924	-	-	PT	23	-
24459	Regulator for Steam Heater	Full size arrangement and details of 8 brass components Endorsed: see Dg No 14241N 29.8.39 for all future carriages Copy of Doncaster Dg No 4183N	27.5.24	1924	-	-	PT	25	-
24460	8'6" Wheelbase Bogie Journals 10" by 5", 6'6" Centres	6" to 1' general arrangement, numerous revisions, the last 30.5.27 Endorsed: superseded Copy of Doncaster Dg No 3378N	23.6.21	1921	-	-	PT	23	-
24460	8'6" Wheelbase Bogie Journals 10" by 5", 6'6" Centres	3" to 1' general arrangement, side elevations and plan only. Endorsed: amended 13.1.25; marked superseded	- .5.24	1924	-	-	PT	23	-
24460	8'6" Wheelbase Bogie 10" by 5" Journals, 6'6" Centres	6" to 1' general arrangement, retraced 1.2.34. Copy of Doncaster Dg No 3378; replacement for drawing of same date	23.6.21	1921	-	-	PT	23	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24498	Quintuple Unit Suburban Trains Diagram Showing Position of Couplers, Steam Pipes and Brake Fittings	1/8" to 1' elevations of components	17.6.24	1924	-	-	PT	61	-
24514	Quintuple Unit Suburban Carriages Brake Compartment	3/4" and 1" to 1' end elevation, plan and part side elevation	20.8.26	1926	-	-	PT	18	-
24521	~~Quintuple Unit Carriages-Suburban-Sketch Showing Advertisement Frame and Seat Back Frame in the 2nd and 3rd Class Compartments. Altered to the Depth of~~	1 1/2" to 1' elevations and section Copy of Doncaster Dg No 4638N	7.3.24	1924	-	-	PT	23	-
24541	Quintuple Unit Suburban Train-Interior of First Class Compartment	1 1/2" to 1' interior elevations with a plan of 'hygienic seat rails'	11.4.24	1924	-	-	PT	122	-
24553	Six Wheels Coupled Goods Engines Y14 Class-Arrangement of Fittings on Boiler Front	1 1/2" to 1' undimensioned end and side elevation of boiler in relation to cab	- .3.24	1924	Y14	J15	PT	23	-
24716	Quintuple Unit Suburban Trains Arrangement Showing Increased Height of Bogie and Underframe	3" to 1' part side elevation and section of bogie	5.8.24	1924	-	-	PT	62	-
24732 -5	Particulars of 3 Cylinder Engines Type A1 for Printing on Back of Photograph-see Mr Gresley's letter 3.8.27.	A small panel of basic data for engine	3.10.27	1927	-	A1	PT	18	-
24732 -6	Particulars of 3 Cylinder Engines Type O2 for Printing on Back of Photograph-see Mr Gresley's letter 3.8.27.	A small panel of basic data for engine	3.10.27	1927	-	O2	PT	18	-
24746	Open First with Lavatory on 60' Underframe-Diagram Showing Size of Rubber Floor Covering	3/8" to 1' interior plan. Endorsed: traced from Darlington Dg No 12029D; superseded by Dg No 24767	20.6.24	1924	-	-	PT	30	-
24751	Continental Trains-Body Arrangement for 2nd Class Corridor Carriage	3/4" to 1' general arrangement of 61'6" body	- .5.25	1925	-	-	PT	94	-
24762	~~Continental Trains Open 2nd Class Carriages -~~ Diagram showing Floor-Space to be covered with Rubber	3/8" to 1' floor plan of 61'6" carriage.	14.8.24	1924	-	LNE22	PT	6	-
24763	Continental Trains Corridor Second Class Carriages-Diagram Showing Floorspace to be Covered with Rubber	3/8" to 1' interior plan and full size detail of edging	14.8.24	1924	-	-	PT	22	-
24764	~~Continental Trains Corridor First Class Carriages-~~ Diagram Showing Floorspace to be Covered with Rubber	3/8" to 1' interior plan and full size detail of edging	14.8.24	1924	-	-	PT	22	-
24765	~~Continental Trains Corridor Van Second and~~ Corridor Van Third-Diagram Showing Floor Space to be Covered with Rubber	3/8" to 1' diagram of floor and half size detail of edging	14.8.24	1924	-	-	PT	19	-
24766	~~Continental Trains First Class Restaurant Car-~~ Diagram Showing Floorspace to be Covered with Rubber	3/8" to 1' interior plan and full size detail of edging	14.8.24	1924	-	-	PT	22	-
24767	~~Continental Trains Open First Class Carriages-~~ Diagram Showing Floorspace to be Covered with Rubber	3/8" to 1' interior plan and full size detail of edging	14.8.24	1924	-	-	PT	22	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24780	Carriage Door Handle for Wedge Locks	Full size arrangement of handle, socket and spindle Copy of Doncaster Dg 3588N	2.4.38	1938	-	-	PT	75	-
24786	Toilet Door Bolt (Right or Left Hand)	Full size details Endorsed: numerous alterations Copy of Doncaster Dg No 4817N	30.6.24	1924	-	-	PT	21	-
24790	Hired Plate for Wagons Harwich-Zeebrugge Train Ferry Service	Full size plate 1'8" x 1'3" lettered 'Hired by LNER (Not in Common-User) Return to Harwich (LNER) N.D. No H-109000' white lettering stencilled on black ground	21.3.24	1924	-	-	PT	93	-
24813	Transformation du wagon anglais convert de 20T a guerite (chassis en fee) eu vue sou admission sur les chemins de fer anglais. Ensembles du wagon, avant et apres transformation	1 to 20 scale general arrangement of 25' covered van, 13'3" wheelbase, before and after modification. Endorsed: Belgian State Railways plan	21.3.24	1924	-	-	PT	20	-
24816	Arrangement and Details of Contact Plates for Trip Cock Gear on GE Radial Tank Engines (P55 Class) working over East London Line	1 1/2" to 1' arrangement of plates and 3" and 6" to 1' details of components	19.3.24	1924	P55	F5	PT	6	-
24819	Diagram of Proposed Rail Motor Coach	3/8" to 1' side elevation of plan of unit articulated at each end, length 67'6" Endorsed: superseded by Dg No 24951	- .3.24	1924	-	-	PT	6	-
24845	Standard Engine and Tender Tyre Profiles and Wheel Arrangements Showing where Full and Thin Wheel Flanges are to be Used	Full size tyre profiles with diagram of different wheelbases	3.4.24	1924	-	-	PT	24	-
24857	Quintuple Unit Suburban Trains-Interior of 2nd Class Compartments	1 1/2" to 1' sections through compartment showing construction and furnishing	9.4.24	1924	-	LNE77	PT	1	-
24858	Quintuple Unit Suburban Trains-Interior of 3rd Class Compartments	1 1/2" to 1' sections through compartment showing construction and furnishing	9.4.24	1924	-	LNE79	PT	1	-
24859	Quintuple Unit Suburban Train-Cast Brass Plate for Indicating Number of Seats	Full size, plate 3 5/16" by 1 7/8" to read 5 seats for 1st class compartments and 6 for 2nd and 3rd class compartments	- .4.24	1924	-	-	PT	1	-
24860	GE Section Loading Gauge-LNER Quintuple Unit Suburban Trains	1" to 1' dimensioned outline of loading gauge.	7.5.24	1924	-	-	PT	1	-
24862	Part Elevation of Door Showing Window Bar to Conform to GE Practice-Quintuple Unit Suburban Trains	3" to 1' part side elevation of door showing position of single bar	12.5.24	1924	-	-	PT	101	-
	Suburban Quintuple Trains Diagram showing position	3/16" to 1' plan view of bodies							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24874	Suburban Quintuple Trains-Diagram showing position of Steam Heaters and Regulators	Endorsed: see Dg No 26641 dated 23.1.26 for carriages built to 1926/27 programme	2.6.24	1924	-	-	PT	24	-
24875 Amd	Quintuple Quintuple Trains-Position of Magnetic Switch on Ends of Units	1 1/2" to 1' arrangement of ends of outer composite and brake thirds showing Stones and Vickers systems	16.6.24	1924	-	-	PT	24	-
24903	Formation of Trial Train Composed GN Quadruplet Train and Two GE Suburban Carriages	1/8" to 1' scale diagram of 2 trains, first with GE 2nd's at end, the other with 54' 2nd class carriages between the two 4 coach units	2.5.24	1924	-	-	PT	6	-
24915	Method of Coupling a Great Eastern Carriage (Long Buffers) to a GN Carriage (Short Buffers)	6" to 1' side elevation and plan	2.5.24	1924	-	-	PT	6	-
24928	Platform Barrow Fitted as Trailer for No 11 Electric Truck Stationed at Colchester	3" to 1' general arrangement of 4 wheel barrow 6'1 1/4" long	- .5.24	1924	-	-	PT	98	-
24930	Diagram Showing Locomotive Details which Project Outside Proposed Standard Loading Gauge	1 1/2" to 1' profile of loading gauge and schedule of projecting details	- .5.24	1924	-	-	PT	98	-
24951	Diagram of Proposed Rail Motor Coach	3/8" to 1' outline elevations and plan of 66'2" vehicle to seat 64 articulated at each end Endorsed: supersedes Dg No 24819	- .7.24	1924	-	-	PT	109	-
24953	Diagram of Proposed Rail Motor Coach	3/8" to 1' of bogie car, articulated each end length 60' seating 64. Endorsed: supersedes Dg No 24951 *	2.6.24	1924	-	-	PT	32	-
24954	Sections Showing Interior of Horsebox	1 1/2" to 1' interior elevations and plan of GER box with 16'8" body	3.5.24	1924	-	17M	PT	32	-
24958	Cast Iron Number Plate for Tenders	Full size 10" x 6" x 7/16" lettered L.N.E.R. (1"), 7456 (2"), STRATFORD 1924 (1/2")	13.6.24	1924	-	-	PT	32	-
24969	Advertisement Notice for Carriages 'Smoking'	Full size drawing of label for windows	21.6.24	1924	-	-	PT	52	-
24991	Six Wheels Coupled Tank Engines R & S24 Class and S56 Class	Schedule showing sets of iron steam heating pipes for engines fitted with GE or GC and GN steam valves	12.7.24	1924	-	J69	PT	77	-
25000 -I	1. Automatic Restarting Injector Gresham & Craven or Davies & Metcalf 2. Exhaust Steam Ejector and Grease Separator 3. Combination Ejector Vacuum Brake Co. 4. Supplemental and Auxiliary Steam Cocks for Exhaust Injector for B12 and D16 5. Steam Brake Valve Goods Engines 6. Regulator B12, J68	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25000 -2	7. Connecting Rod B12, J18 B12, J18 8. Coupling Rod B12, N7 B12, N7 9. Coupling Rod J15 J15 10. Connecting Rod D15, J17, E4, N7, F6, J15, J67 11. Coupling Rod J17, J20, J67 12. Solid Crank Axle D15 D15 Endorsed: Diagram superseded by No 12 on Sheet 8	Diagrams of engine details Endorsed: diagram superseded by No 12 on Sheet 8	- .4.24	1924	-	-	PT	136	-
25000 -3	13. Piston and Rings B12, D15, J15, N7, J66 14. Piston Rod B12, D15, J15, N7, J66 15. Piston Valve B12, N7 16. Balanced Slide Valve D13, D15 17. Method of Fixing Tyre to Rim of Wheel 18. Anti-Vacuum Valve	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -4	19. Cast Steel Crosshead B12, D15 20. Cast Steel Crosshead N7 21. Heater for Robinson Superheater B12, J20 22. Header for Robinson Superheater D15, J19, J17 23. Water Gauge Glass Protector and Water Gauge Column B12, D15 24. Water Gauge Glass Protector and Water Gauge Column B12, J20	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -5	25. Diagram of Air Sanding Gear for Express Engines 26. Mud Doors 27. Method of Keeping Smokebox Door Air Tight 28. Arrangement of Injector Delivery into Dome 29. Cast Iron Chimney Hood 30. Main Steam Pipes B12, J66, D15, N7	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000	31. Spark Arrestor								

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-6	32. Smokebox-sides and bottom 33. Boiler Lagging 34. Motion Arrangement 4-6-0 Engines Class B12 35. Piston Packing 36. Motion Arrangement 0-6-2 Engines Class N7	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -7	37. Spring for B12, D15, J17 38. Cylinder Cock for Superheater Engines, Non-Superheater Engines and Relief Valve for Engines Fitted with Piston Valves 39. Cast Steel Hornblock B12 Driving 40. Buffer for Engine Tender 41. Detroit Lubricators 7 Feeds 42. Wakefield Mechanical Lubricator 6 Feeds and Anti-Carboniser 3 Feeds B12	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -8	43. Solid Crank Axle with Crank Hoops J18, J17, E4, F6, J15, J66 44. Built Up Crank Axle B12 45. Built Up Crank Axle N7 46. Solid Crank Axle B12 47. Compensated Brake Arrangement 48. Brake Hangers J20, B12, D15 I2. Solid Crank Axle D15	Diagrams of engine details	- .4.26	1926	-	-	PT	136	-
25000 -9	49. Tender Axlebox Journal 11" x 5½" 50. Tender Axlebox (Iracier) 11' x 5½" 51. Tender Axles 52. Tender Hornblock 53. Tender Spring Hanger and Bracket 54. Tender Spring	Diagrams of engine details	- .4.26	1926	-	-	PT	136	-
25000 -10	55. Arrangement of Buffing & Drawgear between Engine and Tender 56. Buffers between Engine and Tender 57. Coupling Hooks between Engine and Tender	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	58. Arrangement of Tender Drawgear and Drawgear for Engines and Tenders 59. Safety Chains for Tenders 60. Engine and Tender Screw Coupling								
25000 -11	61. Tender Brake Block 3, Tender Brake Block 21 62. Lamp Irons and Disc Bracket Malleable Cast Iron for Smokebox Door and Tender Tank, Tender Tank Top, Tender Tank, Engine Footplate, Disc Bracket for Tender Tank 63. Tender Feed Water Cock 64. Brick Block for 4-6-0 Engines Class B12 65. Tool Box for Tenders 1500 Class B12 66. RCH Brake Block Hanger for Tenders	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -12	67. Arrangement and Details of Water Gauge for Tenders 68. Arrangement and Details of Fire Iron Carriers on Tenders 69. Coupling Rod D15 70. Diagram of Water Connection between Engine and Tender 71. Arrangement of Steam Heating Couplings on Engine and Tender 72. Arrangement of Vacuum and Steam Brake Showing connections between Engine and Tender	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -13	73. Screw Reversing Gear 74. Air Reversing Gear 75. Lever Reversing Gear 76. Westinghouse Brake Cylinder Engine and Tender 77. Steam Brake Cylinder J14-J20 78. Steam Brake Cylinder 0-6-0 Engines Class J66	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000	79. Bogie Axlebox 4-6-0 Engines Class B12								

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-14	80. Driving Axlebox 4-6-0 Class B12 81. Crosshead 0-4-0 Engines Class Y4 82. Radial Axlebox Classes N7, F4, F5, F6 83. Firehole Door 84. Connecting Rod 0-4-0 Engines Class Y4	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -15	85. Copper Stays 86. Longitudinal Boiler Stays 87. Tools for Expanding Tubes in Boiler and Superheater Header 88. Bogie Slide Control	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -15 Att 1	89. Arrangement of Lubricator Pipes to Cylinders Port Faces and Steam Chest Covers	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -15 Att 2	90. Arrangement of Brick Arch in Firebox B12, J20	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -15 Att 3	91. Arrangement of Westinghouse Brake on Tenders	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25000 -16	Index of Diagrams of Engine Details	Index to engine details diagrams	- .4.24	1924	-	-	PT	136	-
25000 -17	92. Ordinary Method of Lubrication of Axleboxes and Horn Blocks 4-6-0 Engines Class B12 93. Latest Method of Lubrication of Axleboxes and Horn Blocks 94. Method of Lubrication of Trailing Axlebox 4-4-0 Engines Class D15	Diagrams of engine details	- .4.24	1924	-	-	PT	136	-
25009	Mid Suffolk Engines-Diagrams Showing Wheelbase and Weight	¼" to 1' wheel diagrams of engines 1, 2 and 3	25.7.24	1924	-	-	PT	88	-
25024	Diagram of Load Gauge Sent with Mr Gresley's letter of 30 July 1924 with the British Railways Loading Gauge and the Standard LNER Gauge Superimposed	1/16" to 1' diagram of load gauge Copy of Eastern Ferry Co Ltd drawing	7.8.24	1924	-	-	PT	-	-
25026	Four Wheels Coupled Bogie Tank Engines Class S44- Arrangement and Details of Steam Heating Apparatus to Suit GC Pattern Steam Heating Valve	1 ½" to 1' arrangement shown on outline sections of engine and 6" to 1' and full size details of brackets and fittings Endorsed: altered 3.7.25	- .9.24	1924	S44	G4	PT	-	-
25026	Four Wheels Coupled Bogie Tank Engines Class S44- Part Arrangement and Details of Steam Heating	1 ½" to 1' arrangement shown on part outline of cab	- .8.24	1924	S44	G4	PT	-	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Part Arrangement and Details of Steam Heating Apparatus GN Type Relief Valve	and boiler and full size details of unions and clips	18.8.24	1924	-	-	PT	-	-
25030	Carro refrigerante con camere di ghiaccio da ambo le testate	1 to 20 outline elevations of covered goods van length 28'11" with 14'9" wheelbase equipped with hooks for hanging carcasses Endorsed: traced from blue print No 182023Pr	18.8.24	1924	-	-	PT	-	-
25032	Sketch of Bogie with Aster Hele-Shaw Transmission for Motor Coach	1½" to 1' side elevation of 19' chassis with 8'6" offset wheelbase	18.8.24	1924	-	-	PT	84	-
25040	Quintuple Unit Carriages Suburban-Position of Junction Boxes on Inner Ends	¾" to 1' outline end elevation of body with boxes	18.8.24	1924	-	-	PT	84	-
25042	Firing Tools and Tube Cleaner	3" to 1' details of tube cleaner, pricker, slice, dart, rake and shovel	20.8.24	1924	-	-	PT	70	-
25044	Sketch of Top Part of Firebox Back Plates Showing Washer, Plugs, etc.	Diagrammatic showing plates of classes J16 and D14	18.8.24	1924	-	-	PT	142	-
25049	Suggested Alterations to Brake Third Dia No 14600-533 to Saloon for Divisional Engineer	3/8" to 1' plan of interior of 6 wheel carriage Endorsed: traced from sketch received from Mr Parker	27.8.24	1924	-	533C	PT	102	-
25051 Ren	Harwich-Zeebrugge Train Ferry Service-43 Ton Bogie Platform Wagon-Arrangement of Writing, etc.	¾" to 1' outline side elevation of wagon with lettering Endorsed: the tonnage of these wagons was originally 45 tons, this was altered to suit the continental maximum weight. Nos 139638, 139640, 139641 and 139643	25.5.31	1931	-	-	PT	172	-
25059	Diagram of Suburban Carriages D, E, F & G89	1/8" to 1' plan of brake third, third, second and composite 54' stock	16.5.23	1923	D89 E89 F89 G89	237C 300C 428C 542C	PT	98	-
25063	Quintuple Unit Trains-Arrangement of Guards Brake Valve Guards Compartment	1½" to 1' interior elevations of valve and other equipment	5.9.24	1924	-	-	PT	71	-
25069 Amend	Quintuple Unit Suburban Trains-Arrangement of Hand Brake	1" and 1½" to 1' shown in relation to underframe and brake gear	16.10.24	1924	-	-	PT	71	-
25072	Quintuple Unit Suburban Trains-Arrangement of Passenger Communication	3" to 1' outline elevations and part section of carriage with details of equipment Endorsed: ABC pipes revised 27.2.29	23.9.24	1924	-	-	PT	74	-
25082	Quintuple Unit Suburban Trains-Arrangement of Westinghouse Brake on Inner Underframe	1" to 1' general arrangement of underframe and gear.	24.4.30	1930	-	-	PT	53	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Westinghouse Brake on Inner Underframe	Endorsed: for trains built to 1930 Programme							
25082 Amend	Quintuple Unit Carriages-Suburban Arrangement of Westinghouse Brake on Inner Underframe	1" to 1' general arrangement of underframe and gear. Endorsed: superseded by drawing same number 25.4.30; Westinghouse pipe revised 5.3.29	14.10.24	1924	-	-	PT	53	-
25083 Amend	Quintuple Unit Suburban Trains-Arrangement and Details of Hinged Stepboards for Stones and Vickers Dynamos	1½" and 3" to 1' and full size arrangement. Endorsed: for carriages built to 1926/27 programme see Dg No 26679 dated 16.3.27	13.10.24	1924	-	-	PT	53	-
25086	Quintuple Unit Suburban Trains-Arrangement of Westinghouse Brake on Outer Underframes 14in Cylinder	1" to 1' general arrangement of underframe and gear for 1st/2 nd composites and brake 3rds Endorsed: tracing supersedes tracing same number dated 23.10.24 for two trains built to 1926 and 1927 programme; cancelled, see tracing same number 1.30	20.8.26	1926	-	-	PT	53	-
25086	Quintuple Unit Suburban Trains-Arrangement of Westinghouse Brake on Outer Underframes	1" to 1' general arrangement of underframe and gear. Endorsed: this tracing supersedes tracing same number 1.30	-	-	-	-	PT	53	-
25086	Quintuple Unit Suburban Trains-Arrangement of Westinghouse Brake on Outer Underframes 14in Cylinder	1" to 1' arrangement. Endorsed: superseded see drawing same drawing for two trains built to 1926/27 programme 20.8.26	23.10.24	1924	-	-	PT	53	-
25087	Quintuple Unit Suburban Trains-Lettering on Ends of Coaches-Set Train Numbers	1" to 1' outline end elevation of inner and outer ends of 12" lettering	16.10.24	1924	-	-	PT	53	-
25097	Arrangement of Writing on Fruit Vans (Passenger Type)	½" to 1' arrangement of lettering for vans converted from open fish and cattle boxes	8.9.24	1924	-	24M 25M	PT	94	-
25099	Harwich-Zeebrugge Train Ferry-Diagram of Tank Wagons Nos 539990, 539963, 538413 of Messrs. Mogiano for Benzol and Benzene Traffic	½" to 1' outline elevations of tank wagon with caboose 24'7½" (26' 1½" for 538413) over headstocks. Endorsed: inspected 4.9.24 at the works of Burt, Bolton & Heywood at Selzaete, Belgium	12.9.24	1924	-	-	PT	48	-
25106	Harwich-Zeebrugge Train Ferry-Diagram of Tank Wagons Nos 104431 to 104440 inclusive of Messrs. Mogiano for Proposed Traffic of Benzol and Benzene	½" to 1' outline elevations of 24'8" tank wagon	12.9.24	1924	-	-	PT	94	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25119	Harwich-Zeebrugge Train Ferry-Diagram of Refrigerator Wagons for Society Anonyme de Transports Isothermos Nos of Wagons 104607 to 104610 inclusive	½" to 1' outline side and end elevation of van with caboose 24'7½" over body, 12'10½" wheelbase. Endorsed: inspected Antwerp 2.9.24	17.9.24	1924	-	-	PT	48	-
25120	Harwich-Zeebrugge Train Ferry-Diagram of Refrigerator Wagons for Societie Anonyme de Transports Isothermos Nos of Wagons 104601-104606 inclusive	½" to 1' outline side and end elevations of van 12' 10 ½" wheelbase, handbrake on one side only Endorsed: probably these wagons will be fitted with Westinghouse brake; inspected at Antwerp 2.9.24	18.9.24	1924	-	-	PT	48	-
25143	Sketch of Slipper Brake	Full size, assumed for putting under wheel of road vehicle	- .9.24	1924	-	-	PT	19	-
25152	8Ft 0lns Wheelbase Bogie 10" x 5" Journals 6'6" Centres to Carry 8½ Tons on Pivot	3" to 1' general arrangement of bogie Endorsed: alterations to bogie see Dg No 6486N 4.3.29, for new drawing see 6405 N (28232E) My comment: a copy tracing of 4844N dated 10.7.24, not suitable for microfilming	20.5.27	1927	-	-	PT	130	-
25159	Untitled	Unscaled, about ½" to 1 mile Gradient Diagram Pickering to Whitby, Scarborough to Whitby Copy of C.M.E's Department, Darlington plan S1465 dated 30.9.24	- .9.24	1924	-	-	PT	4	-
25211	Four Wheels Coupled Colne Valley Engines-Arrangement and Details of Steam Heating Apparatus	1½" to 1' part side elevation of 2-4-2T engine showing cab with full size details	- .11.24	1924	-	-	PT	126	-
25212	Boilers for Engines Classes D15, D14, J15, J-Tank 69, F4-Sketch of Fireboxes Showing Brick Arch	1½" to 1' outline sketches of 5 fireboxes Endorsed: positions of brick arches taken from actual measurement on engines	- .10.24	1924	-	D14 D15 J15 J69 F4	PT	126	-
25214	Proposed General Van with 51Ft Standard Underframe	3/8" to 1' outline general arrangement of 51'1½" van with 5 sets of sliding doors and end doors	12.11.24	1924	-	-	PT	106	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25235	Sketch of Bogie with AEC Engine and Hele-Shaw Transmission for Rail Motor Coach	1½" to 1' outline elevations and plan of 18' chassis, off centre 8'6" wheelbase, 2'9" wheels	- .11.24	1924	-	-	PT	75	-
25291	Sketch of Bogie for Rail Motor Coach Showing Hele-Shaw Transmission Arranged with Counter Shaft and Connecting Rod Drive	1½" to 1' outline arrangement of bogie with position of engine and transmission	- .12.24	1924	-	-	PT	110	-
25301	Arrangement of Cab for 4 Ton Motor Lorry	1½" to 1' arrangement of cab for lorry with 13' 2 7/8" floor	16.12.24	1924	-	-	PT	63	-
25311	Proposed Alteration of Brake Third to District Engineers Saloon	3/8" to 1' internal arrangement of 27' coach	13.12.24	1924	-	IAC	PT	60	-
25313	Fullman Cars-Atlanta, Alexandria, Columbia and Nevada-Arrangement of Westinghouse and Vacuum Brakes	1½" to 1' arrangement of dual equipment on underframe	16.12.24	1924	-	-	PT	61	-
25362	Diagram of Proposed Standard Horsebox	½" to 1' detailed elevations of 19'6½" long body. Endorsed: Metropolitan gauge added 4.3.25	31.12.24	1924	-	LNE52W	PT	29	-
25377	Body Arrangement of 12 Ton Sleeper Wagon with Iron Underframe	1½" to 1' general arrangement of 19'8" body, 4'9" depth	26.1.25	1925	-	-	PT	122	-
25378	12 Tons Sleeper Wagon-Arrangement of Steel Underframe	1½" to 1' arrangement of 19'8" steel underframe	22.6.25	1925	-	-	PT	122	-
25398	Semi-Corridor Composites (Non Vestibule) Diagram Showing Floor Space to be Covered with Rubber	3/8" to 1' interior plan of partitions and 3rd class lavatories with 6" to 1' detail of floor finish at the sides	23.1.25	1925	-	-	PT	130	-
25402	Proposed Position of Type Numbers on Engines	1½" to 1' cab outline of B12 and F5 engines showing 4" class lettering on lockers	- .1.25	1925	-	B12 F5	PT	41	-
25410	Diagram of Proposed Standard Horse Box	¾" to 1' outline of body 19'6" with elliptical profile roof.	7.2.25	1925	-	-	PT	5	-
25411	Proposed Ballast, Rail or Sleeper Wagon to Carry 30 Tons	¼" to 1' detailed diagram of 47'6" wagon. Endorsed: altered 18.9.25	6.2.25	1925	-	-	PT	5	-
25440	Arrangement of Writing on Sleeper Wagon	1 ½" to 1' outline side elevation of sleeper wagon showing details and dimensions of white writing on grey body	5.6.25	1925	-	-	PT	178	-
25453	Diagram of Proposed Standard Horse Box	½" to 1' outline general arrangement and sections of 19'6" long body Endorsed: superseded by later diagram Dg No 25684	11.3.25	1925	-	-	PT	106	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25457	Arrangement of Coupling RCH Standard NB and GC Sections Electric Light Jumper Connections Together	¾" to 1' outline elevations and plans of arrangements for the 3 types, full size details of electric adaptors	- .3.25	1925	-	-	PT	103	-
25479	Position in Cab of Engine Classification, etc.	3" to 1' outline of cab interior of tender engines with position of 1" characters	- .4.25	1925	-	-	PT	71	-
25480	Position of Writing on Tank Engines, Classification of Loco, Date and Place of Last General Overhaul to be Painted on Cab Side Sheet on Right Hand Side (Inside)	3" to 1' outline of 4 cab interiors with position of 1" characters	- .4.25	1925	-	-	PT	71	-
25481	Position of Writing on Tank Engines-Classification of Loco, Date, Place of Last General Overhaul to be Painted on Cab Side Sheet on Right Hand Side (Inside)	3" to 1' outline of part cabs for J65, J68, J70 and Y4	- .4.25	1925	-	-	PT	41	-
25483	Quintuple Unit Suburban Trains-Emergency Coupling	6" to 1' detailed arrangement	9.4.26	1926	-	-	PT	41	-
25535	Position in Cab of Engine Classification, etc.-Tank Engines, Classification of Loco, Date and Place of General Overhaul to be painted on Cab Side Sheet (Inside)	3" to 1' elevation showing position of lettering for Z4 crane, F9, Y5 and J64 engines	- .5.25	1925	-	Z4 F9 Y5 J64	PT	128	-
25537	Harwich-Zeebrugge Train Ferry Service-Diagram of Italian Fruit & Vegetable Wagon	1 to 20 outline general arrangement of 28' 10 7/8" long van Endorsed: made for RCH superseded by Dg No 25537-1 27.10.25	5.5.25	1925	-	-	PT	92	-
25537 -1	Harwich-Zeebrugge Train Ferry Service-Diagram of Italian Fruit & Vegetable Wagon	1 to 20 outline general arrangement of 28' 10 7/8" long van Endorsed: supersedes Dg NO 25537 for which see for further details	3.11.25	1925	-	-	PT	92	-
25554 -1	4-6-0 Engines Type B12-Arrangement of Smokebox Door	3" to 1' arrangement of 4'7" diameter door Endorsed: amended 6.35, for smokebox door detail see Dg No 25796	26.4.28	1928	-	B12	PT	31	-
25556	Harwich-Zeebrugge Train Ferry Service-Diagram of Italian Motor Car Wagon	1 to 20 outline general arrangement of 43' 11 ½" long 4 wheel van Endorsed: diagram made for RCH	21.5.25	1925	-	-	PT	92	-
25563	Transfer of 15 Thirds and 2 Brake Thirds (6 wheeled Stock) from GE Section to Northern Scottish Area- Electric Light Wiring Diagram	Diagram of wiring of carriages formed into 3 sets of 3x3rds and 2 sets of 3rd, 3rd and Bk 3rd	5.6.25	1925	-	-	PT	49	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25601	General Arrangement of Lentz Valve Gear for Six Coupled Goods Engine Class D81, LN&Erly	¼" to 1' side elevation of gear Copy of Lentz Patent's Ltd Dg No SV2A dated 7.5.25	- .5.25	1925	D81	J20	PT	143	-
25602	General Arrangement of Lentz Valve Gear for Six Coupled Coal Engines Class D81 L&NERly	3" to 1' end elevation of valve gear Copy of Lentz Patent's Ltd Dg No SV2B	- .5.25	1925	D81	J20	PT	143	-
25603	Lentz Valve Box for L&NE Locomotive	3" to 1' elevations and sections Copy of Lentz Patent's Ltd Dg No SV4	8.11.24	1924	-	-	PT	143	-
25604 -1	Poppet Valve	Full size elevations and sections Copy of Lentz Patent's Ltd Dg No SV5	18.11.24	1924	-	-	PT	143	-
25604 -2	Valve Guide	Full size elevations and sections Copy of Lentz Patent's Ltd Dg No SV22							
25604 -3	Valve Spindle Nut	Full size elevations and plans Copy of Lentz Patent's Ltd Dg No SV23							
25604 -4	Adjustable Valve Spindle	Full size elevations and sections Copy of Lentz Patent's Ltd Dg No SV24							
25604 -5	Valve Spindle Bush	Full size elevations and sections Copy of Lentz Patent's Ltd Dg No SV25							
25605 Pt 1-4	Lentz Patents Ltd, London-Details of Steam Cam, Exhaust Cam, Adjustable Valve Spindle and Valve Spring Cap	Full size arrangements	15.3.25	1925	-	-	PT	74	-
25644	Harwich-Zeebrugge Train Ferry Tank Wagons-Diagram Shewing Position of RCH Plates	½" to 1' outline side and end elevation of 24'9" tank wagon and full size outline of approval plate	13.7.25	1925	-	-	PT	144	-
25645	Diagram of Proposed Cradle to be Fitted Under Road Vehicles for Carrying a Pulley Slide	1½" to 1' outline side and rear elevation of flat lorry showing position of pulley slide	14.7.25	1925	-	-	PT	144	-
25651	Diagram of Proposed Method of Carrying Pulley Slide Under Road Vehicles	1½" to 1' outline open 4 wheeled cart with slide mounted beneath	20.7.25	1925	-	-	PT	41	-
25653	Diagram of the Largest Covered Goods Wagon which can be Run between Harwich and London	3/8" to 1' outline elevation of 44' van with two pairs of double doors My comment: unclear whether it represents an actual van	28.7.25	1925	-	-	PT	43	-
		1 to 20 outline side elevation of 20' van							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25668	Diagram of Lettering on Refrigerator Wagons for Societe Anonyme de Transports Isothermes (SATI)	Endorsed: see Dg No 25679 for arrangement of wagon, 17 built; Southern Railways restriction and RCH plate added 8.1.29	27.7.25	1925	-	-	PT	41	-
25676	Hat Net Bracket	Full size arrangement of stove enamelled brass bracket Endorsed: Quintuple Unit Train (2nd and 3rd Class)	18.8.25	1925	-	-	PT	125	-
25705	Diagram Showing the Method of Carrying a Pulley Slide Under Road Vehicles	1" to 1' outline elevation of road vehicle and details of chain to secure pulley slide	25.8.25	1925	-	-	PT	137	-
25732 -1	Particulars of Claud Hamilton Engine Type D14 for printing on back of photograph see Mr Gresley's letter of 17.9.25	Schedule of particulars, dimensions and weights of engine and tender	- .10.25	1925	-	D14	PT	133	-
25732 -2	Particulars of 2-6-0 Type K3 for printing on back of photograph see Mr Gresley's letter of 29.9.25	Schedule of particulars, dimensions and weights of engine and tender	15.10.25	1925	-	K3	PT	133	-
25732 -2	Particulars of 2-6-0 Type K3 for printing on back of photograph see Mr Gresley's letter of 3.8.27	Schedule of particulars, dimensions and weights of engine and tender Endorsed: amended tracing	- .10.27	1927	-	K3	PT	133	-
25732 -3	Particulars of Garrett Engine Type U1 for printing on back of photograph see Mr Gresley's letter of 3.8.27	Schedule of particulars, dimensions and weights of engine and tender Endorsed: amended tracing 10.27	- .10.25	1925	-	U1	PT	133	-
25732 -4	Particulars of Mikado Mineral Engine Type P1 for printing on back of photograph see Mr Gresley's letter of 3.8.27	Schedule of particulars, dimensions and weights of engine and tender Endorsed: amended tracing	- .10.27	1927	-	P1	PT	133	-
25732 -7	Particulars of Three Cylinder Engine Enterprise Type A1 for printing on back of photograph see Mr Gresley's letter of 12.8.27	Schedule of particulars, dimensions and weights of engine and tender	- .10.27	1927	-	A1	PT	133	-
25769	No 395 Her Majesty's Saloon-Plan of Small Saloon	¾" to 1' outline plan of interior of saloon and end entrance	16.10.25	1925	-	-	PT	102	-
25770	No 395 Her Majesty's Saloon-Small Saloon Converted into Service Compartment	¾" to 1' outline plan of interior of saloon and end entrance	16.10.25	1925	-	-	PT	102	-
25774	Electric Motor Coaches ex Harwich (Train Ferry) to Preston-Sketch Showing how Coach Body and Underframe could be Loaded onto LNER Low Floored Ballast Wagons	¼" to 1' outline side elevation showing each end of 60'0½" carriage on a 2 wagon unit with sides and ends removed, a 32' gap between the two units Endorsed: see also Dg No 25775	23.10.25	1925	-	-	PT	95	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25775	Electric Motor Coaches ex Harwich (Train Ferry to Preston) Coach Body and Underframe Arranged on LNER Low Floored Ballast Wagons with Load and Construction Gauge Superimposed	1½" to 1' end profile of load against gauges	23.10.25	1925	-	-	PT	91	-
25783	Harwich-Zeebrugge Train Ferry Service-Diagram of Italian Refrigerator Wagon	1 to 20 arrangement of van 28'107/8" over headstocks with peak roof and caboose	3.11.25	1925	-	-	PT	43	-
25803	Six Wheels Coupled Bogie Express Engines S69 Class (Type B12)-Arrangement of Worthington/Simpson Feed Water Heater and Pump	1½" to 1' detailed arrangement	- .1.26	1926	S69	B12	PT	70	-
25808	Arrangement of Body for General Van	1' to 1' general arrangement of 32' louvred body with 3 sliding doors to orders N/C 16 and 19	- .6.26	1926	-	LNE86	PT	173	-
25810	Underframe for 32ft General Van	1½" to 1' arrangement of 4 wheel steel underframe 31'10½" long, dual fitted	4.3.26	1926	-	LNE86	PT	173	-
25822	Arrangement of Pipes and fittings on Sand Boxes for Lambert Water Sanding Gear for Goods Engines Class E72	1" and 3" to 1' and full size arrangement and details Endorsed: see Dg No 18674 for Lambert Sander	- .12.25	1925	E72	J18	PT	44	-
25829	Diagram of 4 Ton Motor Lorry with Fixed Flat Body	1½" to 1" outline arrangement of lorry with details of flat 14' body Endorsed: see Dg No 25301 for lorry cab; this is for AEC chassis model 501, for complete arrangement of fixed flat body see Dg No 25869 dated 15.1.26	22.12.25	1925	-	-	PT	44	-
25836	Electric Car from Germany to Preston Shown under LNER and LNWR Gauges	1½" to 1' end profile against gauges	7.12.25	1925	-	-	PT	93	-
25838	Sketch of 'Albion' Motor Parcels Van L21 Load 30 Cwt	1½" to 1' outline elevation of covered van with 10'2" body	11.12.25	1925	-	-	PT	93	-
25839	Motor Lorries with 2 Ton Chassis-Arrangement of Body	1½" to 1' arrangement of 12' long flat body on outline of chassis Endorsed: altered 3.8.28	15.12.25	1925	-	-	PT	172	-
25851	Proposed Conversion of First Class Carriage Diagram for Guard Conductor Trains	3/8" to 1' interior diagram of 32' body, toilets removed to form through corridor with connections	30.12.25	1925	-	IIC	PT	62	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	110E for Guard Conductor Trains	Endorsed: diagram made in connection with Mr Gresley's letter 3-3-44 of 21.12.25							
25851 -I	Diagram of First Class Carriage (Dia 110E) Before Proposed Alteration for Guard Conductor Trains	3/8" to 1' diagram of interior of 32' body	11.1.26	1926	-	110C	PT	62	-
25859	30 Cwt Motor Parcels Vans-Proposed Body	1 1/2" to 1' general arrangement of 10'6" body Endorsed: for arrangement of body see Dg No 26451	6.1.26	1926	-	-	PT	63	-
25864 -I	Steam Heating on Quintuple Carriages Westinghouse Metallic Coupling Arranged under Twin Bogie	3" to 1' arrangement of coupling	11.1.26	1926	-	-	PT	18	-
25864	Steam Heating on Quintuple Carriages-Arrangement of Steam Pipe with Westinghouse Metallic Coupling Under Twin Bogie	3" to 1' arrangement and 6" to 1' details of pipe clips	14.1.26	1926	-	-	PT	103	-
25866	Diagram of 40HP Petrol Shunting Motor Showing Proposed Position of Lettering and Numbering	1" to 1' outline elevations of engine 8430 built by Motor Rail & Tramcar Co Works No 1931 Endorsed: engine at present stationed at Brentwood transferred from Engineer's Depot Lowestoft	15.1.26	1926	-	Y11	PT	109	-
25869	4 Ton Motor Lorries-Arrangement of Fixed Flat Body on 'AEC' Chassis-Model 501	1 1/2" to 1' general arrangement of 14' long flat body shown on outline of chassis Endorsed: for chassis see Dg No 25871	18.1.24	1924	-	-	PT	172	-
25879	0-6-2 Tank Engines Type N7-Alterations to Cab, Tank and Bunker	1 1/2" to 1' elevation of cab and bunker. Endorsed: see Dg No 25999	29.1.26	1926	-	N7	PT	35	-
25880	0-6-2 Tank Engines Type N7-Sliding Window for Cab Side	6" to 1' and full size arrangement and details. Endorsed: altered to red, no date	1.2.26	1926	-	N7	PT	35	-
25891	Cylinders with Lentz Valves Six Coupled Bogie Express Engines 1500 Class Type B12	3" to 1' details of cylinders Endorsed: see also Dg No 25890 Lentz Patents Ltd Dg No SV95B Sheet 2	3.11.25	1925	S69	B12	PT	112	-
25892	General Arrangement of Lentz Poppet Valve Gear for 4-6-0 Express Passenger Locomotive 1500 (S69 Class) Engine Type B12	3" to 1' side elevation and plan of gear Lentz Patents Ltd Dg No SV96	9.11.25	1925	S69	B12	PT	112	-
25893	General Arrangement of Lentz Poppet Valve Gear for 4-6-0 Express Passenger Locomotive 1500 (S69 Class) Engine Type B12	3" to 1' sectional end elevation of smokebox and cylinders Lentz Patents Ltd Dg No SV97	20.11.25	1925	S69	B12	PT	112	-
		3" to 1' front sectional view							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25894	Arrangement Showing Modifications to Rocking Shaft to Suit Lentz Valve Gear for 4-6-0 Express Passenger Locomotive	Endorsed: for arrangement and details of rocking shafts see Dg No 26448 Copy negative of Lentz Patents Ltd, London Dg No SV98	26.11.25	1925	-	B12	PT	177	-
25896	Oil Lamp for Carriage Roofs	Full size external elevation of lamp	28.1.26	1926	-	-	PT	142	-
25926	Six Wheels Coupled Tank Engines Types J66, J67, J68, J69 (GE Classes T18, R24, G75, S56) Four Wheels Coupled Tank Engines Type F7 (GE Classes Y65) Connecting Rod with Wire Trimmed Oil Box.	Full size elevation and plans of components Endorsed: altered 4.27, 12.28, 8.33	27.2.26	1926	T18 R24 G75 S56 Y65	J66 J67 J68 J69 F7	PT	8	-
25931	Arrangement of Motion (Walschaert) N7 Class Engines	3" to 1' elevations and plan for long travel valves Endorsed: numerous alterations	1.5.26	1926	-	N7	PT	129	-
25931	Part Arrangement of Proposed Motion (Walschaert) N7 Class Engines	3" to 1' side elevation of motion	11.2.26	1926	-	N7	PT	129	-
25931	Arrangement of Motion- Walschaert N7	3" to 1' elevation and plan of motion My comment: dull copy negative	1.5.26	1926	-	-	PT	135	-
25933	Pair Horse Van (5 Ton) Arrangement of Wire Doors at Rear	1" to 1' outline elevations with details of wire mesh doors Endorsed: for arrangement of van see Dg No 9430E; tracing amended in accordance with sketch from Mr Gresley 19.6.26	13.2.26	1926	-	-	PT	129	-
25935 -I	Sketch Showing Alteration to Vacuum Cylinders and Reservoirs on 52Ft Steel Underframe	1½" to 1' arrangement of pair 21" Vacuum cylinders only Endorsed: for arrangement of dual brake see Dg No 25935 (11964D); for vehicles built at York	27.4.26	1926	-	-	PT	129	-
25948	Six Coupled Radial Tank Engines Type N7- Arrangement of Radial Axlebox	3" to 1' detailed elevations and plan Endorsed: Westinghouse brake cylinder, etc. to be on right hand side of engine, see Dg Nos 26262 and 26529 (11502C) 2.11.26; for radial axlebox see Dg No 31596 19.7.34	20.2.26	1926	-	N7	PT	129	-
25964	No 20 Arm and Axle	6" to 1' elevations Endorsed: for front of low one horse lorry, Southern Area D&P2109; axlebox for this arm is No 10	25.2.26	1926	-	-	PT	33	-
		1½" to 1' general arrangement							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25965	Arrangement of One Horse Low Lorry	Endorsed: 3 lorries to be built to D&P 2109 12.4.26; floor boards altered 11.2.30	23.3.26	1925	D&P2109	-	PT	38	-
25967	One Horse Low Lorry Springs	3" to 1' of front spring 3'3", hind spring 3'7" centres unloaded	25.5.26	1926	-	-	PT	33	-
25968	One Horse Low Lorry Artillery Pattern Wheels	6" to 1' elevation and section of 1'10" front and 2'0" hind wheels. Endorsed D&P2109; for arrangement of lorry see Dg No 25965	- .5.26	1926	D&P2109	-	PT	33	-
25998	Quintuple Suburban Trains-Arrangement of Handbrake	1½" to 1' brake and frame detail and outline of bogie Endorsed: cancelled see Dg same number 22.4.30	17.12.26	1926	-	-	PT	79	-
25998	Quintuple Unit Suburban Carriages-Arrangement of Handbrake	1½" to 1' brake detail and outline of frame and bogie Endorsed: For trains built to 1930 Programme	22.4.30	1930	-	-	PT	79	-
25999 -I	0-6-2 Engines Type N7-Alteration to Cab, Tanks and Bunker	1½" to 1' elevations and plan of cab and bunker	4.3.26	1926	-	-	PT	79	-
26000	Engine and Tender Draw Hook Steel Group Standard for New Engines and Renewals	Full size arrangement Copy of Doncaster Dg No 11409D	21.5.25	1925	-	-	PT	79	-
26007	1½ Inch Blow Off Cock	Full size arrangement Endorsed: see later tracing same number, this drawing supersedes 1855E and 6167E 11.8.26; altered 17.7.34 Copy of Doncaster Dg W263N	28.4.26	1926	-	-	PT	79	-
26009	Locomotive Headlamp-Group Standard with Two Glasses New Engines and Renewals GC and GN Section Engines	Full size arrangement of lamp and interior, painted white Endorsed: for future headlamps see Dg 32708 dated 25.10.35 Copy of Doncaster Dg No 11614D	17.5.27	1927	-	-	PT	79	-
26010	Locomotive Headlamp-Group Standard with Three Glasses New Engines and Renewals NE, GE and Scottish Section Engines	Full size arrangement of lamp and interior, painted white Endorsed: For future headlamps see Dg 32708 dated 25.10.35 Copy of Doncaster Dg No 11688D	12.5.27	1927	-	-	PT	79	-
		Full size elevations and sections.							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
26018	Group Standard Water Gauge	Endorsed For new engines and replacements see Dg No 26036 24.4.34 Copy of Doncaster Dg No W-288N	11.1.28	1928	-	-	PT	67	-
26020	Standard Hand Lamp	Full size arrangement with interior fittings Copy of Gorton Dg No 15852-C	5.6.28	1928	-	-	PT	67	-
26038	Ross Pop Safety Valves-Group Standard	Full size, 6 types shown from 2" to 4" with instructions on use and testing Copy of Doncaster Dg No W466N	-	1928	-	-	PT	75	-
26038	Untitled	Full size, as previous drawing but without title and instructions Copy of Doncaster Dg No 466N	-	1928	-	-	PT	75	-
26219	Tank Engines Type N7-Flame Plate	Full size section of plate and 3" to 1' arrangement Endorsed: this is shown on Dg No N7-16 Fire Door Screen ref 3.325 dated 15.5.27	- .5.27	1927	-	-	PT	140	-
26365	Hot Water Arrangement and Toilet (Still's Heater)	3" to 1' detailed elevations and plans of toilet and hand washbowl Copy of Darlington Dg No 12557D	8.3.26	1926	-	-	PT	123	-
26374	0-6-2 Tank Engines Type N7-Cab, Tank and Bunker Arrangement (Elevation)	1½" to 1' detailed elevations Endorsed: superseded by Dg No 26568	- .4.26	1926	-	N7	PT	71	-
26375	0-6-2 Tank Engines Type N7-Cab, Tank and Bunker Arrangement (Plan and End View)	1½" to 1' plan and end elevations Endorsed: superseded by Dg No 26569	- .4.26	1926	-	-	PT	92	-
26384	Cast Iron Fire Bars (Group Standard)	3" to 1' elevations of firebar with schedule of dimensions for GE engines Endorsed: part copy of Dg No 11071-26D Supp Dg N7-13N dated 23.8.26	- .4.26	1926	-	-	PT	140	-
26384 Att	Cast Iron Side Fire Bars to be Used with Group Standard Plain Bars to Dg No 26384	3" to 1' elevations of firebars and schedule of dimensions for GE engines Endorsed: supplementary Dg No N7-14N dated 23.8.26	- .7.26	1926	-	-	PT	140	-
26459	LNER Standard Carriages-Arrangement of Mechanically Operated External Switch for Stones Electric Light	1½" to 1' arrangement of apparatus mounted on end of carriage body Copy of Darlington Dg No 12485D	14.6.26	1926	-	-	PT	25	-
		1½" to 1' interior elevations of compartment							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
26491	Quintuple Suburban Trains-Brake Compartment	Endorsed: for the 2 trains built for the 1926/27 programme and 2 for 1929-30	1.10.26	1926	-	-	PT	117	-
26491	Quintuple Suburban Trains-Brake Compartment	1 ½" to 1' interior side and end elevations of brake compartment showing full details of equipment and fittings Copy negative	1.10.26	1926	-	LNE80	PT	174	-
26529	Frame 0-6-2 Engines Type N7 (1926)	1 ½" to 1' detailed general arrangement of frame Copy of Gorton Dg No 15102-C	- .2.28	1928	-	N7	PT	70	-
26536	Quintuple Trains Arrangement of Seat and Back of First Class Compartments	1 ½" to 1' detailed sectional view of compartment. Endorsed: superseded see Dg same number 4.9.26	16.3.26	1926	-	-	PT	4	-
26536	Quintuple Unit Suburban Trains Arrangement of First Class Seat Back and Interior Finishing	1 ½" to 1' detailed sectional side view and end elevation of compartment	30.9.26	1926	-	-	PT	4	-
26538	Harwich-Zeebrugge Train Ferry Service-Diagram Showing Position of RCH Plates, Hire Plates, Label Clips, Lettering on Wagons Constructed by the German State Railway Company	1 to 40 side elevation of 4 wheel van and 6" to 1' details of restriction over Southern Railway	31.8.26	1926	-	-	PT	74	-
26549	Six Wheels Coupled Goods Engines Types J17, 18 & 19-Positions of Existing Mud Doors and Mud Plugs and Proposed Mud Plugs	1 ½" to 1' detailed arrangement of mud plug	- .9.26	1926	-	J17-19	PT	74	-
26563	Diagram of Carriages with 51' Underframes Showing Disposition of Wheels	1/8" to 1' outline side elevation of 8 wheel coach	- .10.26	1926	-	-	PT	108	-
26564	Diagram of Pullman Cars Showing Disposition of Wheels	1/8" to 1' outline side elevation of 12 wheel car							
26568 Att	0-6-2 Tank Engines Type N7-Proposed Hand Rail on Back of Bunker	1 ½" to 1' part side and rear elevation showing rail and destination board bracket	- .1.29	1929	-	N7	PT	105	-
26568	0-6-2 Tank Engines Type N7-Cab, Tank & Bunker Arrangement (Elevation)	1 ½" to 1' side and end elevations	2.11.26	1926	-	N7	PT	107	-
26569	0-6-2 Tank Engines Type N7-Cab, Tank and Bunker Arrangement (Plan)	1 ½" to 1' plan and sectional plans and detail of cab	2.11.26	1926	-	N7	PT	107	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Arrangement (Plan)	Endorsed: altered 7.34							
26600	Sketch of Water Scoop in the Following Positions 1. Raised 2. Touching Water 3. Lowered to its Full Extent	3" to 1' undimensioned side elevation of scoop only	18.11.26	1926	-	-	PT	61	-
26641	Quintuple Unit Suburban Carriages-Diagram Showing Position of Heaters and Regulators	3/16" to 1' scale interior plan of equipment Endorsed: for carriages built to 1926/27 programme, for previous carriages see Dg No 24874	23.11.26	1926	-	-	PT	103	-
26643	Quintuple Unit Suburban Trains-Arrangement of Steam Heating Pipes on Inner Carriages 2nd Class-2nd and 3rd Composite-3rd Class	1" to 1' arrangement in relation to elevations and sections of underframe Endorsed: this tracing for 2 trains built to 1926.27 programme	23.12.26	1926	-	-	PT	103	-
26644	Quintuple Unit Suburban Carriages-Arrangement of Steam Heating Pipes on Outer Composite	1" to 1' arrangement shown on outline and sections of underframe Endorsed: this tracing is for 2 trains built to 1926/27 programme	19.1.27	1927	-	-	PT	103	-
26645	Quintuple Unit Suburban Carriages-Arrangement of Steam Pipes on Brake Thirds	1" to 1' outline elevation and plan of frame	11.3.27	1927	-	-	PT	103	-
26663	0-6-2 Tank Engine N7 Type-Pipe Arrangement	1" to 1' elevations and plan of engine. Copy of Gorton Dg No 15159C	11.6.26	1926	-	N7	PT	48	-
26675	Sketch Showing Position and Size of Star to be Painted on 'Starred' Tank Wagons	3/4" to 1' outline side elevation of tank wagon with 2' star Endorsed: the star to be painted on each side of the tank in the position shown, the star to be black for white and yellow tanks, and white for other coloured tanks set in 2'3" centres from right and side of tank	13.12.26	1926	-	-	PT	130	-
26678	Quintuple Unit Trains-Position of Magnetic Switch on Ends of Units	1 1/2" to 1' part end elevations of outer composite and brake third carriages showing position of equipment Endorsed: amended drawing	26.1.27	1927	-	-	PT	130	-
26687	Motor Lorry 2 Ton-Arrangement of Runner Plates and Locking Gear for Demountable Flat	1 1/2" to 1' arrangement of 11'6" long runner plate on outline elevations and plan of AEC chassis Model 204	- .2.27	1927	-	-	PT	130	-
26754	Six Wheels Coupled Tank Engines Type N7-Arrangement and Details of Lubrication for Piston Rods, Valve Spindles and Valve Spindle Guides	3" to 1' arrangement and full size details Endorsed: altered 8.33, 5.35 and 12.45	19.2.27	1927	-	N7	PT	139	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
26898	Engines with Inside Cylinders-Arrangement of Cotter Clearances on Connecting Rod Big End	6" to 1' detail of cotter in big end Endorsed: altered 10.11.42	28.4.27	1927	-	-	PT	101	-
26914	Detachable Sheet Tilt for 17'6" Open Wagons, Adjustable for Use on 15' Open Wagons	1½" and 3" to 1' arrangement and details of iron fitting for each end of wagon and telescopic sheet rail Endorsed: see later Dg No 26957	11.5.27	1927	-	-	PT	43	-
26926	0-6-2 Tank Engines N7 Type-Pipe Arrangement	1" to 1' general arrangement of engine Copy of Gorton Dg No 15463C	1.4.27	1927	-	N7	PT	109	-
26930	Diagram of 20 Ton Wagon (Fitted with Side and Bottom Doors)	1½" to 1' outline elevations and plan of 21'6" wood bodied coal wagon with double doors, interior depth 6'11 3/16", 12' wheelbase Endorsed: traced from Dg No 21788E	- .5.27	1927	-	-	PT	108	-
26932	Four Wheeled Carriage Bogie 8Ft Wheelbase Pressed Steel Frame	3" to 1' elevations and plan of frame Endorsed: retraced February 14th 1934 Copy of Doncaster Dg No 1776N	-	1934	-	-	PT	12	-
26977	Sections Through Standard Horsebox	1½" to 1' arrangement of 19'6" body	26.10.27	1927	-	-	PT	58	-
26978	Standard Horse Box-Arrangement of Body	1 ½" to 1' elevations of 19'6" horse box body	10.10.27	1927	-	-	PT	178	-
26979	Underframe for Horse Box	1 ½" to 1' elevations and plan of 19'6" underframe with details of dual brakes, 11'8" wheelbase	12.10.27	1927	-	-	PT	178	-
26985	Standard Horse Box-Details of Cast Ironwork	Full size details of 8 components, including name and number plate marked CLC 1234	25.10.27	1927	-	-	PT	24	-
27029 -I	Heater Support for A.C.F.I Feed Water Heater on B12 Type Engine	1/5th and full size arrangement of heater and fittings, heater dimensioned in metric, the fittings in imperial Endorsed: length altered from 1150mm to 1200mm 2.10.30	- .7.27	1927	-	B12	PT	23	-
27035	A.C.F.I. System of Feed Water Heater on B12 Type Engine-Arrangement of Draining Gear	1 to 10 scale (in millimetres) arrangement on outline side elevation and plan of engine	27.7.27	1927	-	B12	PT	114	-
27052	Arrangement and Details of Vacuum Trip Cocks Type N7 Tank Engines	1½" to 1' arrangement of trip cock on outline of engine and 6" to 1' details of brackets Endorsed: for right hand side see Dg No 38182 Copy of Dg No 15462C dated 30.3.27	- .3.27	1927	-	N7	PT	139	-
27147	32Ft 4 Wheeled Passenger Brake Van Fitted with Shelves for Pigeon Traffic	¾" to 1' general arrangement of 32' body with details of interior fittings	25.7.27	1927	-	-	PT	87	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Shelves for Pigeon Frame	Copy of Darlington Dg No 12800D							
27158	Six Wheels Coupled Tank Engines Class T18 (J66)- Arrangement of Steam Brake	1½" to 1' shown in relation to rear end of engine, plan and side elevations	1.9.27	1927	T18	J66	PT	28	-
27341	Banana Vans-Notice Board	6" to 1' deal board 2'9½" x 6" x ¾" painted red oxide with white lettering to read 'Return to East Goods Yard, London GN' Endorsed this Board to be affixed by screws over the lettering 'Return to Hull' dated 13.10.27	30.10.27	1927	-	LNE52W	PT	29	-
27342	Arrangement of Underframe for 32' Brake Vans	1½" to 1' details of 4 wheel underframe, running and Vacuum brake gear, 31' 10½" over headstocks. Endorsed: see Doncaster Dg No 12800 for body arrangement	19.1.28	1928	-	LNE86	PT	29	-
27367	Algrains Patents	Sketch showing differential axle on 6 wheel carriage underframe, to maintain all wheels in line with curvature of track	2.11.27	1927	-	-	PT	46	-
27368	Mishap at Ware 31.10.27 Diagram Showing Formation of Trains Concerned	1/16" to 1' plan of trains, both of 6 wheel stock	4.11.27	1927	-	-	PT	42	-
27379	4 Ton Motor Van with Removable Tilt-Arrangement of Body	1½" to 1' general arrangement of 14' van shown on outline of cab and chassis	15.11.27	1927	-	-	PT	172	-
27387	LNER (GE Section) List of Engine Types	Schedule of GER engine classes and those on loan to GE Section	- .11.27	1927	-	-	PT	110	-
27403	Milk Barrow Fitted with Coupling Gear and Protection Chain to Attach to Electric Barrows	3" to 1' arrangement of 6'7" barrow and gear	28.11.27	1927	-	-	PT	56	-
27425	Registration Number Plates for Motor Vehicles	Full size to be made of cast aluminium, 1'9¼" x 4 5/8" with 3½" figures, to be burnished, background black Endorsed: for future number plates see Dg No 5945N 1.28	21.12.27	1927	-	-	PT	115	-
27442	Harwich-Zeebrugge Train Ferry-Diagram of German Open Wagon	1 to 20 outline elevations and plan of 37'8¾" over buffers Endorsed: this diagram was made for HM Customs	6.1.28	1928	-	-	PT	133	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27444	Collision at Saxham 26.12.27-Diagram of the 4.35pm Train Ely to Bury	1/16" to 1' outline plan of train: Engine 8894, fish 32555, T539, BT62507, T61637, BT384, C63797, C628	9.1.28	1928	-	-	PT	133	-
27580	Felt Oiling Pads for Connecting Rods and Coupling Rods	Full size detail, 1/2" to 1' arrangement Endorsed: altered 25.6.32	12.1.28	1928	-	-	PT	25	-
27582	GE Section Six Wheeled Carriages 34'6" Long (Steel Underframes) fitted with Dual Brake-Rearrangement of Vacuum Brake	1 1/2" to 1' part elevations and plan of underframe showing an 18" cylinder replacing 15" type	30.4.28	1928	-	-	PT	32	-
27593	GE Section 6 Wheeled Carriage 34'6" Long (Wood Underframe) Alteration of Vacuum Brake	1" to 1' outline elevations and plans of underframe with details of 18" vacuum cylinder and gear	14.2.28	1928	-	-	PT	65	-
27600	Proposed Alteration to Saloon No 69	3/8" to 1' interior plan of 48'3" body with 2 unequal saloons, central toilet one end lobby and corridor connection to seat 47 Endorsed: supersedes Dg No 27180-1 and -2 My comment: not carried out to this layout	25.1.28	1928	F57	35C	PT	65	-
27601	Illuminated Destination Indicator for Suburban Trains	6" and 1 1/2" to 1' elevations and section Endorsed: for Quintuple Trains	6.2.28	1928	-	-	PT	144	-
27609	Illuminated Destination Indicator for Suburban Trains	6" to 1' interior elevation and section Endorsed: this type of indicator fitted in train 301; this type of indicator superseded see Dg No 28019 fitted in train 301	6.2.28	1928	-	-	PT	144	-
27618	GE Section Dual Fitted Bogie Carriages Fitted with One 18Ins Vacuum Brake Cylinder, Re-arrangement of Vacuum Brake	1 1/2" to 1' arrangement of gear in relation to underframe Endorsed: work to Dg No 28578 for vehicles with hand brake 6.29	- .4.28	1928	-	-	PT	141	-
27637	4-6-0 Engines Type B12 Fitted with Lentz Valve Gear Cast Steel Motion Plate 15	3" to 1' elevations, section and plan of plate	15.3.28	1928	-	B12	PT	3	-
27648	Road Transport Lighting Act 1927-Explanatory Diagram of Clause 7 Sections 1 & 2 of the above Act	Unscaled diagram showing required position of lamps on road vehicles	16.4.28	1928	-	-	PT	87	-
27649	Boilers for B12 Type Engines-Proposed Arrangement of Tube Spacing and Additional Washing Out Facilities	1 1/2" to 1' sectional elevations of boiler	- .2.28	1928	-	-	PT	87	-
		3/8 to 1' interior plan of 50' open 3rd 56 passengers							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27658	Open Third-Proposed Rearrangement of Seating Accommodation	Endorsed: for original arrangement see Dg No 15065 My comment: a conversion of a former ambulance carriage	29.2.28	1928	C87	441C	PT	130	-
27664	Corridor First on 51ft Underframe	3/8" to 1' outline general arrangement of 52'6" body Endorsed: for new stock East Anglian services 2 required	5.3.28	1928	-	-	PT	172	-
27671	4-6-0 Express Engines Type B12 Framing Arrangement	1 1/2" to 1' elevation and plan of frames	10.3.28	1928	-	B12	PT	21	-
27671	4-6-0 Express Engines Type B12 Framing Arrangement	1 1/2" to 1' elevation and plan of frames Endorsed: superseded by signed tracing No 27671 dated 4.5.28	10.3.28	1928	-	B12	PT	21	-
27673	4-6-0 Engines Type B12 Boiler	1 1/2" to 1' elevations, sections and plan of boiler with full size details of riveting	26.3.28	1928	-	B12	PT	21	-
27675	4-6-0 Engines Type B12 Smokebox Arrangement	3" to 1' sectional elevation and plan of smokebox	17.4.28	1928	-	B12	PT	21	-
27678	Cocoa Fibre Mat for Open First Class Continental Train	Unscaled, shows design of monogram	19.3.28	1928	-	-	PT	62	-
27685	Proposed Hairdressing and Ladies Toilet Accommodation in Existing 8 Compartment Corridor Third	3/8" to 1' interior plan Copy of CME's Office, Kings Cross plan dated 15.3.23, copy No 1	-	1928	-	-	PT	72	-
27686	4-6-0 Engines Type N7-Boilers to be built at Gorton- Proposed Additional Wash Out Plugs in Smokebox Tube Plate	1 1/2" to 1' detail of tube plate	- .3.28	1928	-	N7	PT	25	-
27688	Floor Plan of Proposed Hairdressers Shop in Existing 8 Compartment Corridor Third	3" to 1' plan of 7'10" compartment, no interior detail	- .3.28	1928	-	-	PT	120	-
27703	4-6-0 Engines Type B12-Piston and Rod	Full size section and elevation of piston and rod Endorsed: altered 1.32, 11.34, 6.5i; superseded see Dg No 38112 9.53	2.4.28	1928	-	B12	PT	139	-
27734	GE Section Brake Compartment Position of Bicycle and Pram Fittings	1/16" to 1' part section and plan of GNR type van.	21.4.28	1928	-	-	PT	9	-
27740	4-6-0 Engines Type B12 Nos 8571 to 8580- Arrangement and Details of Trailing Sand Box Gear	3" to 1' arrangement and 6" to 1' and full size details of components	- .6.28	1928	-	B12	PT	144	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27744	Four Wheeled Trailer Car Seating Accommodation	½" to 1' outline arrangement of 58 seat 46' trailer, 28' wheelbase	5.5.28	1928	-	-	PT	52	-
27750	~~4-6-0 Express Engines Type B12-Vestinghouse and Vacuum Brake Arrangement (8"/8½" Air Compressor), No. 4 Drivers Valve, 3¼" Triple Valve~~	1½" to 1' arrangements shown in relation to elevations and plan of engine	4.7.29	1929	-	B12	PT	52	-
27751	Gas Filling Hose Connection Used on GE Section	Full size undimensioned elevation of rubber hose	25.4.28	1928	-	-	PT	81	-
27754	Arrangement of Cylinder Lubrication B12 Type	1½" to 1' arrangement shown on outline of frame	26.6.28	1928	-	B12	PT	81	-
27757	~~Method of Suspending Steam Heating Hose Coupling when not Coupled on GE Section Prior to the Amalgamation~~	3" to 1' side elevation of hose suspended by 1½" long chain	27.4.28	1928	-	-	PT	81	-
27760	4-6-0 Engines Type B12 Internal Pipe Clips and Union	6" to 1' and full size Endorsed: for boiler to Dg 27673	- .5.28	1928	-	B12	PT	81	-
27762	Tenders Type B12-Arrangement of Water Pick Up Gear	1½" to 1' apparatus shown in relation to elevations and plan of tender Endorsed: for tenders of 4-6-0 engines Type B12 built by Beyer, Peacock & Co	19.6.28	1928	-	B12	PT	88	-
27790	Harwich-Zeebrugge Train Ferry Service Diagram Showing Position of RCH Plates on Wagons for Transport of Live Fish	1 to 20 outline side elevation of 4 wheeled van 44' body and ¼" to 1' details of plates	11.5.28	1928	-	-	PT	48	-
27803	~~2-4-2 Tank Engines Type F3 Class C32-Arrangement of Vacuum Brake Pipes and Pipes for Straight Air Brake, Application Valve and Double Check Valve~~	1½" & 3" to 1' and full size, apparatus shown on part outline of engine	- .5.28	1928	C32	F3	PT	126	-
27843	Tenders Type B12-Arrangement of Water Pick Up Gear	1½" to 1' details for tenders for 4-6-0 3 cylinder engines with left hand drive built by the North British Locomotive Co.	22.6.28	1928	-	B12	PT	70	-
27846	Tenders Type B12 Arrangement of Brake Gear	1½" to 1' details shown in relation to outline of tender for B17 engines built by North British Locomotive Co.	15.6.28	1928	-	B12	PT	70	-
27861	Scheme for Proposed Trailer Car	¾" to 1' outline general arrangement of 4 wheeled car 44'2" over buffers 26' wheelbase with 56 seats	15.6.28	1928	-	-	PT	91	-
27874	~~4-6-0 Engines Type B12-Z-Rod, Pipe, Clotting, Injector Gear, Steam Heating and Sanding Arrangements~~	1½" to 1' side and end elevations and plan of engine	- .6.28	1928	-	B12/2	PT	48	-
27915	Standardisation of Carriage and Gas Keys	Full size details of 5 designs of key	8.3.28	1928	-	-	PT	38	-
27915	S Diagram of 11.2am Passenger Train ex Hunstanton in Mishap at Hilgay	Full size details Item 6-key for electric light globes in sleeping cars	8.3.28	1928	-	-	PT	50	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27921	Diagram Showing Positions of Lamp Irons B12 Type Engines	1½" to 1' scale outline front elevation of engine showing irons	14.7.28	1928	-	B12	PT	35	-
27924	4-6-0 Engines Type B12 Position of Lettering and Number on Tender Tank Sides and Engine buffer Beam	1" to 1' outline of tender and front of engine showing lining and colours, letters 7½", numerals 12", buffer beam lettering 4". Endorsed: for 4-6-0 engines built by Messrs. Beyer, Peacock & Co.	17.7.28	1928	-	B12	PT	27	-
27928	Harwich-Zeebrugge Train Ferry Service-Muriatic Acid Tank Wagon-Kulhman Paris-Position of Southern Railway's Restriction, RCH and Label Clips	5/8" to 1' outline of 4 wheel tank wagon	23.7.28	1928	-	-	PT	27	-
27929	Harwich-Zeebrugge Train Ferry Service-Sulphuric Acid Tank Wagon-Kulhman Paris-Position of Southern Railway's Restriction, RCH and Label Clips	5/8" to 1' outline of 4 wheel tank wagon	23.7.28	1928	-	-	PT	27	-
27932	Tenders-Type B12 Position of Lettering and Number on Tender Tank Sides and Engine Buffer Beam	1" to 1' outline elevations with details of lining. Endorsed: tenders for 4-6-0 3 cylinder engines built by North British Locomotive Co	- .7.28	1928	-	B12	PT	67	-
27935	Tenders-Type B12 Alteration to Positions of Disc Holder and L.H. Tool Box	1½" to 1' elevations. Endorsed For tenders with hand operated water pick-up gear built by Beyer, Peacock & Co	27.7.28	1928	-	B12	PT	67	-
27936	2-4-2 Tank Engines Type F5 and F6 Arrangement of Pipes for Straight Air Brake Application Valve and Double Check Valve	1½" and 3" to 1' arrangement with full size details, shown in relation to frame	- .9.28	1928	-	F%-6	PT	67	-
27949	0-6-0 Tank Engines Type J67 (Classes K24 Rebuilt and S56) Arrangement of Pipes for Straight Air Brake Application Valve and Double Check Valve	1½" and 3" to 1' arrangement and full size details	- .8.28	1928	-	J69	PT	83	-
27978	Goods Brakes-Details for Holding Red Glass Slide for Side Lamps	1" to 1' and full size.	23.8.28	1928	-	-	PT	14	-
27980	Layout of Frobenius Rail Brakes Wintemool Marshalling Yard Arrangement of Retarder Hot Water Heating System	¼", ½" and 3" to 1' plan and sections.	- .8.28	1928	-	-	PT	14	-
27988	Diagrams Showing Methods of Lifting Wagons for Tipping at Various Gas Works on the GE Section of the LNER.	½" to 1' arrangement of two types of hydraulic ram under axle as used at Tottenham	30.8.28	1928	-	-	PT	19	-
28019	Quintuple Unit Suburban Train-Illuminated Destination Indicator for Brake Compartments	6" to 1' details of indicator case and 1½" to 1' arrangement within compartment	21.9.28	1928	-	-	PT	110	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28028	Sketch of Pullman Vestibule and GE Type Gangway with Water Shields (All Covers) Affixed Showing Proposed Alteration to Position of Retaining Hook	1½" to 1' outline side elevation of gangways	27.9.28	1928	-	-	PT	77	-
28036	Arrangement of Cab for 4 Ton Thornycroft Motor Lorry Chassis KC (MB4 P.B.)	1½" to 1' general arrangement of cab on outline of chassis	23.10.28	1928	-	-	PT	93	-
28044	Three Cylinder 4-6-0 Engines Type B17-Outline of Boiler	1½" to 1' outline side and end elevations	10.10.28	1928	-	-	PT	85	-
28053	Whitemoor Up Marshalling Yard-Rail Brake, etc.- Arrangement of Motor Driven Pumping Plant	15mm to 1 foot plan of plant within control tower Copy of LNER Electrical Department's plan No 326/1 and part copy of W. Dederich & Co plan No 408	9.5.28	1928	-	-	PT	176	-
28096	2-4-2 Radial Tank Engines (Type F4) Working on the East London Line- Arrangement of Westinghouse and Vacuum Trip Cocks	1½" to 1' arrangement shown in relation to front of engine Endorsed: not carried out, see Dg No 28289	- .11.28	1928	-	-	PT	103	-
28232	8'0" Wheelbase (Heavy) Bogie 10" x 5" Journals, 6'6" Centres to Carry 18½ Tons on Pivot	3" to 1' arrangement of bogie Copy of Doncaster Dg No 6405N	23.4.34	1934	-	-	PT	34	-
28254	A.C.F.I. Feed Water Heater on B12 Type Engine No 8517-Arrangement Showing Alteration to Pipes	1 to 20 arrangement shown on outline side and end elevation of engine	- .3.29	1929	-	B12	PT	107	-
28263	Froelich Rail Brakes Whitemoor-Bye Pass and Speed Regulating Valves for Hydraulic Pump	Full size arrangement of valve My comment: tracing very fragile	- .4.29	1929	-	-	PT	176	-
28280	Proposed First and Second Class Pullman Dining Car Services L&NE Railway Flushing and Antwerp Trains	1/8" to 1' side elevations of LNER 2nd, Pullman 2nd, Pullman 1st dining and kitchen and Pullman 1st class and dining carriages Endorsed: copied from blue print of Pullman Co see 2/158 dated 26.3.29	12.4.29	1929	-	-	PT	79	-
28283	Harwich-Zeebrugge Train Ferry Service-LNE Covered Carriage Trucks-Fittings on Headstock Arranged to suit Belgian State Railway	1½" to 1' details of headstock and fittings	- .5.29	1929	-	-	PT	79	-
28286	'Altek' Co Refrigerator Wagon-Position of RCH Approval and Hired Plates, Label Clips (for Customs Lock)	1 to 20 outline elevation of 48' bogie van with 1 to 2 details of fixing Endorsed: revised 6.5 by addition of Metropolitan Rly restriction	18.4.29	1929	-	-	PT	79	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28347	Harwich-Zeebrugge Train Ferry Service-S.A.T.I Wagons-Diagram showing Position of Hired and RCH Plates and Southern Railway Restriction	1" to 1' outline side elevations of 24' van with wording of restrictions Endorsed: cancelled 8.1.29	16.11.28	1928	-	-	PT	49	-
28365	Ten 4-6-0 3 Cylinder Engines Type B17-Right Hand Inside of Cab Showing Position of Class Number, etc.	3" to 1' showing position of 'Type B17' in 1" letters in cab	- .11.28	1928	-	-	PT	80	-
28367	Froelich Rail Brakes-Accumulator Arrangement and Accessories	1/10 and 1/5 scale elevation of accumulator and details of components	- .11.28	1928	-	-	PT	176	-
28380	Hairdressing & Ladies Toilet Accommodation on Corridor Third	3/8" to 1' part interior plan showing compartment, carriage not specified	26.11.28	1928	-	-	PT	101	-
28381	Arrangement and Details of Gear for Driving Flaman Speed Recorder Engine No 8550 B12 Type	1 1/2" and 3" to 1' showing gear fitted on engine	11.12.28	1928	-	B12	PT	33	-
28390	Six Wheels Coupled Tank Engines Class J69-Chimney	3" to 1' of stove pipe chimney height 3'7 1/4"	3.11.28	1928	-	J69	PT	33	-
28391	~~Brakes Conversions-Westinghouse Scheme Steam~~ Application Valve for Proportional Working with Vacuum Brakes Description of Dg Nos 290415	Full size section and elevation of valve with detailed description	- .1.29	1929	-	-	PT	48	-
28393	Sketch Showing Position of Fire Extinguishers in Post Office Mail Vans	1/2" to 1' interior plan of 6 wheel carriage	1.12.28	1928	-	-	PT	26	-
28408	Six Wheels Coupled Tank Engines Type J69 Smokebox	3" to 1' arrangement. Endorsed: for arrangement of smokebox door details see Dg No 5796	- .12.28	1928	-	J69	PT	25	-
28439	Diagram Showing Height and Widths of Step Boards on 3rd Class Carriages Nos 61056 and 60914 Mr Ankings mishap 19.11.28	1" to 1" sectional elevations. Endorsed: superseded by Dg No 29066 9.10.29.	17.12.28	1928	-	-	PT	5	-
28442	Untitled	1/4" to 1' outline elevations of 0-4-0 and 0-6-0 industrial saddle tank engines My comment: an unfinished drawing	-	-	-	-	PT	111	-
28460	4-6-0 Engines Type B12 (Built by Beyer, Peacock & Co) Reversing Arrangement and Details	1 1/2" to 1' details shown in relation to outline of part of engine and full size details of components Endorsed: for engines built prior to these see Dg No 17264	10.1.29	1929	-	B12	PT	108	-
28462	Tank Wagons for the Transport of Ammonia (Ougree Marihaye Co)	Unscaled diagram of lettering and position of route restriction plate on outline of wagon	8.1.29	1929	-	-	PT	4	-
28484	Engines Type B17 Alteration to Footplate	1 1/2" to 1' of alterations to steps at side at cab and 3"	21.1.29	1929	-	B17	PT	129	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-1	Engines Type B17-Alteration to Footplating	to 1' details of steps and handrails	21.1.29	1929	-	B17	PT	139	-
28488	Engines Type B17-Footsteps at Leading End	1½" to 1' arrangement of steps and 3" to 1' of components	26.1.29	1929	-	B17	PT	139	-
28493	Quintuple Unit Suburban Trains-Arrangement of Underframe for Inner Bodies	1" to 1' detailed arrangement of frame, outline of bogie	- .6.29	1929	-	-	PT	58	-
28494	Quintuple Unit Suburban Trains-Arrangement of Underframe for Outer Bodies	1" to 1' detailed arrangement of frame, outline of bogie	- .4.30	1930	-	-	PT	58	-
28501	Restaurant Cars Continental Trains Position of Stepboards on Light Type Bogie	3" to 1' detail of stepboards	29.1.29	1929	-	-	PT	56	-
28511	Harwich-Zeebrugge Train Ferry Service-Proposed Method for Mounting Carriages for the Vascongados Railway for Transit from Newlay to Irun Spain	1 to 20 outline body shown mounted on temporary bogies	6.2.29	1929	-	-	PT	99	-
28517	Harwich-Zeebrugge Train Ferry Service-Carriages for Transit from Newlay to Irun via Train Ferry-Arrangement of GE Section Bogie Fitted with Buffing and Drawgear	(1½" to 1') outline elevation and plan of bogie	6.2.29	1929	-	-	PT	99	-
28523	Cross Section of 689 First Class Open Car Showing Maximum Dimensions	1" to 1' outline end elevation with dimensions	19.2.29	1929	-	LNE1	PT	30	-
28541	Diagram Showing Height and Width Over Stepboards of Composite Carriage No 63605-Mrs Greenacre's Mishap, Dovercourt May 25.1.29	1" to 1' end profile and dimensions	15.2.29	1929	-	-	PT	57	-
28545	Quintuple Unit Train Arrangement of Steam Heating Pipes Between Composite No 63062 and Second No 6532 Unit 122B	1½" to 1' outline side elevation of frame and bogie and position of pipes	- .4.29	1929	-	-	PT	57	-
28550	6890 Car Engines Type J20 Sketch Showing Comparative Positions of Standard GE Type Regulator Handle and N17 Drop Type (Shown in Red)	1½" to 1' end elevation and part of boiler	- .2.29	1929	-	J20	PT	57	-
28552	Alteration to Brakework on AEC 4 Ton Chassis to Operate Trailer Brake-Arrangement and Details	3" and 6" to 1' and full size arrangement shown in relationship to chassis only	20.3.29	1929	-	-	PT	57	-
28553	Quintuple Unit Trains-Method of Securing Partitions	3" to 1' sectional elevation showing position of screws in partition boards	16.4.29	1929	-	-	PT	57	-
28563	Four Wheels Coupled Radial Tank Engines Type F7-Cast Iron Base for 2½" Ross Pop Safety Valve	Full size elevations and plan of seating	- .5.29	1929	-	F7	PT	175	-
28578	Bogie Carriages with Westinghouse and Hand Brake (8" Diameter Westinghouse Cylinder) Arrangement for Fitting Vacuum Brake	1½" to 1' arrangement of brake on underframe with bogie outline showing alteration of brake rigging	18.11.29	1929	-	-	PT	175	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28580	2-4-2 Radial Tank Engines Type F4-Casing and Arrangement of Westinghouse Trip Cock	Full size arrangement and details Endorsed: altered 7.29	- .4.29	1929	-	F4	PT	175	-
28581	Tenders Type B17-Water Gauge	Full size arrangement	26.4.29	1929	-	B17	PT	140	-
28583	Arrangement of Writing	Details superimposed on carriage No 62066 exterior and elevations of interiors of the three classes of door Endorsed: this drawing supersedes Dg No 24725 dated 26.4.29.	27.4.29	1929	-	LNE85	PT	22	-
28589	Diagram of 'Altek' Refrigerator Wagon Showing Position of the Diesel Engine	1 to 20 scale showing position of engine at end of wagon	29.4.29	1929	-	-	PT	22	-
28608	Boiler Arrangement Class B17	1½" to 1' detailed arrangement for engines Nos 2800-09 Copy of North British Locomotive Co Dg No 9	21.2.34	1934	-	B17	PT	70	-
28619	Firebox Class B17	3" to 1' detailed arrangement for engines No 2800-09 Copy of North British Locomotive Co Dg No 20	21.2.34	1934	-	B17	PT	70	-
28644	Smokebox Arrangement Class B17	3" to 1' detailed general arrangement for engines Nos 2800-09 Copy of North British Locomotive Co Dg No 45	25.2.34	1934	-	B17	PT	70	-
28689	4-6-0 Engines Type B12-Coupling Rods and Crank Pins	6" to 1' detailed arrangement of rods Endorsed: see Beyer's tracing 75, i.e. 29583-E	21.4.28	1928	-	B12	PT	130	-
28867	2-4-0 Tender Engines Type E4-Inspection Seat	3" to 1' arrangement of seat bolted onto front buffer beam Endorsed: altered to red 21.6.29 (provision of water proof apron at front)	24.5.29	1929	-	E4	PT	120	-
28885	Corridor Van Third	3/8 to 1' plan of interior of 61'6" coach Endorsed: East Anglian Service traced from Dg No 12644D for GA see No 12741D	18.5.29	1929	-	LNE27A	PT	6	-
28886	Open Third	3/8 to 1' plan of interior of 61'6" coach Endorsed: East Anglian Service for GA see No 13222D	18.5.29	1929	-	LNE141	PT	6	-
		3/8" to 1' plan of interior of 52'6" coach.							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28887	Corridor Third	Endorsed: East Anglian Service traced from Dg No 12642D for GA see 12721D	21.5.29	1929	-	LNE14I	PT	6	-
28888	Corridor First	3/8" to 1' plan of interior of 52'6" coach. Endorsed: East Anglian Service tracing of Dg No 27664E	21.5.29	1929	-	LNE14I	PT	6	-
28889	Composite	3/8" to 1' plan of interior of 52'6" coach. Endorsed: East Anglian Service traced from Dg No 12612D	21.5.29	1929	-	LNE	9	6	-
28890	First Class Restaurant Car	3/8" to 1' plan of interior of 61'6" coach with kitchen and 1st saloon. Endorsed: East Anglian Service GA 5810N	21.5.29	1929	-	LNE10	PT	6	-
28938	Tenders Type B17-Cast Steel Gear Casing for Water Pick Up Gear	Full size elevations and plan of casing Copy negative	- .9.29	1929	-	B17	PT	178	-
28939	Cast Iron Chimney and Hood D15 Type (D56)	1 1/2" and 6" to 1' detail of chimney as fitted to smokebox	- .7.29	1929	D56	B12	PT	31	-
28944	Tenders Type B12-Cast Steel Trunion for Hand Brake Gear	Full size elevations and plan of casting Copy negative	- .9.29	1929	-	B12	PT	178	-
28961	Harwich-Zeebrugge Train Ferry Service-Sketch Showing Method of Securing Motor Cars in Belgian Wagons	1" to 1' part sectional interior views of covered truck and position of wheel bars and straps	24.7.29	1929	-	-	PT	130	-
28971	Travelling Crane No 193 Goods Department-Arrangement of Hand Brake	1 1/2" to 1' outline and elevations of 6 wheel 17'10" underframe and brakework details	8.8.29	1929	-	-	PT	93	-
28980	4-6-0 Engines Type B17-Tender Pipe Arrangement	1 1/2" to 1' arrangement shown on outline of lower part of tender Endorsed: for Darlington built engines part copy of NB Loco Co drawing No 254	- .8.39	1939	-	B17	PT	93	-
28981	Tenders Type B17-Tender Frame and Brake Arrangement	1 1/2" to 1' arrangement of 6 wheel frame 18'3" long Endorsed: altered 4.35	- .8.29	1929	-	-	PT	172	-
28992	0-6-0 Engines-Type J18 Boiler	1 1/2" to 1' general arrangement of boiler and firebox	28.8.29	1929	-	J18	PT	26	-
28993	0-6-0 Tank Engines J68 and J69 Boiler	1 1/2" and 6" to 1' general arrangement of boiler and firebox with details	30.8.29	1929	-	J68 J69	PT	26	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28993 Part	0-6-0 Tank Engines Types J68 & J69-Boiler	1 ½" to 1' elevations, sections and plan of boiler with 6" to 1' details of riveting Copy negative	- .8.29	1929	-	J68 J69	PT	178	-
28994	Engines Types E4, J15, etc.-Boiler	1 ½" to 1' elevations, sections and plan of boiler with full size details of riveting	- .8.29	1929	-	E4 J15	PT	178	-
29007	Ankin v The Company-Formation of Train 4.00pm ex Cambridge to London on 17.11.28	1/16" to 1' plan and outline side elevation of train Endorsed: cancelled see Dg No 29067 dated 9.10.29	22.8.29	1929	-	-	PT	107	-
29020	8Ft 0Ins Light Type Special Bogie 9½" by 4 3/8" Journals 6Ft 4½Ins Centres to Carry 12 Tons on Pivot	3" to 1' arrangement of bogie Endorsed: superseded My comment: see drawing same number dated 4.10.33	16.4.29	1929	-	-	PT	117	-
29020	8Ft 0Ins Light Type Special Bogie 9½" by 4 3/8" Journals 6Ft 4½Ins Centres to Carry 12 Tons on Pivot	3" to 1' arrangement of bogie Copy of Doncaster Dg No 6776N	4.10.33	1933	-	-	PT	117	-
29024	Cast Iron Chimney	Full size sectional view with table of dimensions for different classes Endorsed: NE pattern 9.29; altered for F4 and F5 engines 6.43	10.10.29	1929	-	F4 F5	PT	123	-
29037	Express Engine Type B12-Arrangement of Wood's Anti-Carbonisor	1½" to 1' arrangement shown in relation to part elevations of engine	5.10.29	1929	-	B12	PT	123	-
29049	Tool Van	(1/8" to 1') diagram of No 89 brake 3rd to GA 6992 converted to tool van EX 14	- .10.29	1929	-	511C	PT	105	-
29066	Ankin v. The Company-Diagram Showing the Height and Width Over Step Boards on Composite Carriage 63652 and Second Class Carriage 6944	1" to 1' outline sectional end elevation with dimensions	9.10.29	1929	-	235C 306C	PT	73	-
29067	Ankin v. The Company-Formation of Train 4.00 pm ex Cambridge to London on 17.11.28	1/16" to 1' outline plan and elevation of train	9.10.29	1929	-	-	PT	73	-
29069	Mishap at Tottenham 4.10.29-Diagram Showing Formation of Passenger Train	1/16" to 1' outline plan of train	7.10.29	1929	-	-	PT	73	-
29079	Corridor Brake Composite	3/16" to 1' carriage Dia No 32 of 61'6" carriage, includes No 63781	- .11.29	1929	-	-	PT	142	-
29118	D15 Type Engine Alteration to Smokebox to Suit Chimney to Dg No 1-254-N	3" to 1' sectional side elevation of extended smokebox to Dg No 25689 and sectional end elevation	16.1.30	1930	-	D15	PT	25	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29266	Restaurant Car Hat and Parcel Rack	3" to 1' sectional elevations showing position of rack within compartment and ½" to 1' interior plan showing position within carriage	17.2.30	1930	-	-	PT	130	-
29269	Steam Heating Slip Coupling	3" to 1' elevation and plan of hose taps and couplings	21.2.30	1930	-	-	PT	130	-
29270	Roof Oil Lamp (Shallis & Thomas)	6" to 1' sectional elevation of lamp	19.2.30	1930	-	-	PT	130	-
29283	Diagram of Hungarian Refrigerator Wagon showing Position of LNER Hired Plates, Railway Companies Restrictions and Holes for RCH Approval Plates	Outline of body and position of lettering and plates	26.2.30	1930	-	-	PT	141	-
29287	Arrangement of Vacuum Brake Pipes on Sentinel Loco No 198	1" to 1' arrangement shown on outline of engine	- .3.30	1930	-	-	PT	141	-
29289	Diagram of Slip Apparatus for Vacuum Automatic Brake	No scale, undimensioned side elevation showing arrangement of hand operated pulley to separate brake hoses	3.3.30	1930	-	-	PT	61	-
29300	Arrangement and Details of Smokebox Lamp Iron Class J39	3" to 1' elevations of smokebox showing position of lamp and full size detail of iron Copy of Darlington Dg No 13830D	11.12.29	1929	-	J39	PT	119	-
29311	Arrangement of Motion 0-6-0 Tank Engines Types J66, J69	3" to 1' elevation and plan of motion	10.6.30	1930	-	J66 J67	PT	117	-
29321	J15 Type Engines-Unification of Brakes-Position of Vacuum Reservoir for Vacuum/Steam Proportional Valve	1½" to 1' details and arrangement shown in relation to cab and footplate	- .3.30	1930	-	J15	PT	30	-
29339	0-6-0 Tank Engines Type J69-Arrangement of Cylinder Cock and Damper Gears	1½" to 1' details in relation to outline elevations and plan of engine	11.4.30	1930	-	J69	PT	30	-
29343	Diagram of Vacuum Brake Slip Coupling	Unscaled side elevation showing connection between train and slip carriage with method of disengaging Endorsed: to be added to the appendix to the working timetable	15.4.30	1930	-	-	PT	172	-
29372	4-4-0 Tender Engines Type D13, D15 and D16-Arrangement of Numbering on Cab Sides	1½" to 1' elevations of cab sides with 12" lettering shown for each class Endorsed All splashers beading on cab sides to be removed, number plates to be put on leading splashers	19.5.30	1930	-	D13 D15 D16	PT	28	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29373	Type Q	3/16" to 1' diagram of 0-8-0 tank engine with leading dimensions and ratios	- .8.30	1930	-	-	PT	46	-
29373	Diagram of Type Q Engine	3/16" to 1' outline elevations with leading dimensions water capacity 1,500 gallons, coal 3¼ tons	- .8.30	1930	-	Q	PT	97	-
29373 -I	Type Q	3/16" to 1') outline elevations with leading dimensions water capacity 2,000 gallons, coal 3½ tons	- .8.30	1930	-	Q	PT	97	-
29381	Mishap to 11.18½am Train from Chingford 14.5.30- Collision with Buffer Stops at Liverpool Street	1/8" to 1' outline plan of train, engine 471 and Quint Unit 135B	21.5.30	1930	-	-	PT	137	-
29382	4-6-0 Tender Engines Type B12 and B17-Arrangement of Numbering on Cab Sides	1½" to 1' elevations of cab sides with 12" lettering for each class. Endorsed: all splasher beading on cab sides to be removed, number plates to be put on intermediate splashers	- .5.30	1930	-	B12 B17	PT	28	-
29384	Diagram of Part of Hook of Holland Continental Train Showing Proposed Hot Closet and Urn	1/8" to 1' interior plan of 4 carriages with wiring arrangement superimposed	26.5.30	1930	-	-	PT	28	-
29428	B12 Type Engines Diagram Showing Proposed New Boiler, Heating Surfaces and Weights	3/16" to 1' diagram	- .7.30	1930	-	B12	PT	53	-
29518	Express Engines Type B12 Arrangement of Pipes for ACFI Feed Water Heater	1" to 1' arrangement shown on outline elevations of engine. Supplementary Dg No 24-9221B	- .8.30	1930	-	B12	PT	17	-
29557	Composite	3/8" to 1' interior plan of 63'6" coach for the Clacton service seating 15 1st and 30 3rd's	5.9.30	1930	-	-	PT	37	-
29558	Open First	3/8" to 1' interior plan of 54'6" for the Clacton service, 43 seats	29.9.30	1930	-	-	PT	37	-
29559	Open Third Brake	3/8" to 1' interior plan of 61'6" coach for the Clacton Service, 18 seats	5.9.30	1930	-	-	PT	37	-
29560	First Class Restaurant Car	3/8" to 1' interior plan of 63'6" coach for the Clacton service, 18 seats	5.9.30	1930	-	-	PT	37	-
29561	Proposed New Train for Clacton Service	1/16" to 1' outline side elevation and interior plan of 12 coach train of 61'6" stock, 5 for Clacton and 7 for Walton	8.9.30	1930	-	-	PT	102	-
29598	Open Third	3/8" to 1' interior plan of 52'6" carriage with 39 seats	20.9.30	1930	-	-	PT	104	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: for Clacton Service							
29644	Whitemoor-Frolich Rail Brakes-Plan Showing Pipelines,etc	¼" to 1' sectional side elevation and plan of control room and details of pipe runs to the 4 retarders My comment: tracing very fragile	- .10.30	1930	-	-	PT	176	-
29730	4-4-0 Engine Type D15-Outside Frames Cut to Platform Profile and New Arrangement of Pipes	1½" to 1' section and plan of pipe run, no engine detail	- .1.31	1931	-	D15	PT	139	-
29753	Standard Arrangement of End for Elliptical Roofed Carriage with 9'0" Body	3" to 1' detailed interior and exterior, with constructional detail. Copy of Doncaster Dg No 8120N	15.12.30	1930	-	-	PT	34	-
29776	Quadruple Articulated Stock-Ferriord Service-Sketch Showing Position of Alarm Signal Notice and Electric Light Switch	1½" to 1' interior side elevation of compartment, sign above doorway	25.2.31	1931	-	-	PT	61	-
29803	5'11/8" Boiler D14, 15, 16, J16, 17, 18, 19 Types	1½" to 1' elevations, sections and plan of boiler and full size details of riveting Endorsed: see Attachment to Dg No 29803 for inspection doors on new boilers and renewed firebox wrappers; see renewal tracing (dated 11.39). Amended 30.12.31 and 17.3.33	- .7.31	1931	-	D14-16 J16-19	PT	3	-
29803 Ren	Engines Type D16 Part 3 and J19 Part 2 Boiler Arrangement 5'11/8" Diameter	1½" to 1' elevations, sections and plan of boiler and full size details of riveting Endorsed: renewal tracing; amended 10.42	- .11.39	1939	-	D16/3 J19/2	PT	3	-
29807	Engines Type B12 with 5'6" Diameter of Boiler Arrangement of Ashpan and Dropgrate	3" to 1' elevations and plan of components	- .7.31	1931	-	B12	PT	3	-
29807	Engines Type B12 with 5'6" Diameter Boiler Arrangement of Ashpan and Dropgrate	3" to 1' elevations and plan of components Endorsed: altered 13.4.32, 25.4.32, 26.4.32, 11.5.32, 14.2.34 and 5.34; in future work to Dg No 29807 attachment for grate arrangement 3.33	- .7.31	1931	-	B12	PT	3	-
29824	4-6-0 Engines Type B12 with 5'6" Diameter Boiler-Superheater Elements	3" to 1' arrangement and full size details Endorsed: superseded by Dg No N647N item No 4	- .3.31	1931	-	B12	PT	69	-
29831	4-6-0 Engines Type B12 with 5'6" Dia Boiler-Cab Arrangement	1½" to 1' arrangement with full size details	13.5.31	1931	-	B12	PT	124	-
29832	B12 Type Engines Fitted with 5'6" Dia Boiler-Smokebox	3" to 1' sectional side and end elevations Endorsed: several alterations up to 3.42	28.8.31	1931	-	B12	PT	124	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29895	GE Section Type of Suburban Trains-Proposed Partition for Third Class Compartments	1½" to 1' interior elevation and section of partition and compartment	7.4.31	1931	-	-	PT	137	-
29896	GE Section Type of Suburban Trains-Proposed Partition for Third Class Compartments	1½" to 1' interior elevation and section of partition and compartment My comment: there are differences between this drawing and No 29895	7.4.31	1931	-	-	PT	137	-
29937	Tank Engines GE Section Steel Cab Roofs	1½" to 1' arrangement of roof with full size details Endorsed: modified for engines 7346, 7359 & 7367 for additional vent in roof	27.7.31	1931	-	J66-69	PT	71	-
29968	Diagram of Trains in Mishap at Fakenham 27.5.31	1/16" to 1' outline plan of the two trains, 9.06am ex Wells and 8.17am ex Norwich	2.6.31	1931	-	-	PT	137	-
30127	Engines-Type D14, 15 & 16-Arrangement of Reversing Gear for Engines fitted with Cylinders to Dg No 30007	1½" to 1' arrangement shown in relation to engine	6.10.32	1932	-	D14-16	PT	85	-
30129	Goods Engines Type J15-Arrangement of Pipes for Straight Air Brake Application Valve and Double Check Valves	1½" and 3" arrangement shown in relation to outline of footplate and front of tender with full size details	- .10.31	1931	-	J15	PT	85	-
30130	Sketch Showing Position of Label Clip on Open Containers Type D	1½" to 1' part side elevation with label clip on upper left of body Endorsed: copied from LMS Dg No 14-1258	7.10.31	1931	-	-	PT	101	-
30159	Diagram of Italian Ferry Wagon Shewing the British Railways Requirements Nos 991200 to 991299, 991400 to 991499 and 991600 to 991699	Unscaled side elevation showing position of hire plate, British label clip, RCH approved plate, brake pull rod safety hanger, route instructions and catch for customs locks	3.11.31	1931	-	-	PT	144	-
30160	Sketch Showing Original and Altered Position of Tread and Lamp Iron on CC Van No 1035 (NB Section)	1½" to 1' part end elevation of truck with altered position of fittings	12.11.31	1931	-	-	PT	144	-
30169	Trams Working Kelvedon and Tollesbury Service-Sketch Showing Clearance between Axle and Brake Truss Bar when Gear is New and when Gear has Maximum amount of Wear	3" to 1' outline side elevation of wheel and brake truss of tramcar	30.11.31	1931	-	-	PT	30	-
30176	Progressive Repairs-Alterations Required to GE Type Bogies (8' Wheelbase) to Adapt them for Working on Quintuple Sets through Body Repair Shop	1" to 1' elevations and plan of bogies as modified and 1/8" to 1' key diagram showing position of bodies on temporary bogies	11.1.32	1932	-	-	PT	24	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30197	Sketch of Ventilated Refrigerator Wagon (To Carry 8 Tons)	¾" to 1' outline elevations, 17'6" long. Endorsed: Messrs. Silica Gel's Apparatus shown in red	7.12.31	1931	-	-	PT	38	-
30262	Covered Carriage Trucks-Altered Position of Foot Step and Lamp Irons	1" to 1' end elevation of carriage truck (NBR?) showing position of fittings My comment: assumed to apply to all LNER covered carriage trucks	9.12.31	1931	-	-	PT	142	-
30288	Special Light Parcels Van-Arrangement and Details of Alteration from Single to Double Brake	1½" to 1' arrangement of brake on outline of van and 3" and 6" to 1' details Endorsed: for GA of van see Dg No 14158	- .9.32	1932	-	-	PT	99	-
30357	Diagram of Proposed Brake Van for Use of Civil Engineers Department (Permanent Way)	½" to 1' outline side elevation and arrangement of interior Endorsed: vehicle to Dia 513	11.2.32	1932	-	513C	PT	104	-
30418	Diagram of Steam Rail Car 'Chevy Chase'	3/8" to 1' outline side elevation and plan of 3rd class car 51' body, 59'7¼" over buffers	5.4.32	1932	-	-	PT	48	-
30482	4-6-0 Engines Type B12 Smokebox	3" to 1' elevations, sections and plans of smokebox	- .4.32	1932	-	B12	PT	17	-
30482	4-6-0 Engines Type B12 Smokebox	3" to 1' general arrangement, side and end elevations. Endorsed: altered c.1933 with addition of drain pipe	- .4.32	1932	-	B12	PT	48	-
30535	Diagrammatic Map of the GE Section Showing Number and Position of Carriage & Wagon Examiners and Greasers	Diagram showing position, number and grade of staff and hours of duty Endorsed: superseded see Dg 30910 dated 1.12.32	2.7.32	1932	-	-	PT	89	-
30547	Horn Angle Plate	6" to 1' elevations Endorsed: For use on compound bolster bogies interchangeable L or R	15.7.32	1932	-	-	PT	75	-
30554	Romford: Loading Boards-Proposed Hooks to Prevent Boards from Slipping	3" to 1' and full size details of hooks and boards, purpose unclear	20.7.32	1932	-	-	PT	75	-
30568	0-6-0 Tank Engines Types J65, J66 and J67-Boiler	1½" to 1' detailed elevations and plan of boiler and full size detail	- .5.32	1932	-	J65-67	PT	92	-
30568 Part	0-6-0 Tank Engines Types J65, J66 & J67-Boiler	1 ½" to 1' elevations, sections and plan of boiler and full size details of riveting	- .5.32	1932	-	J65 J66 J67	PT	178	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30587	Engs. Type D14, 15, 16, J16, 17, 18, 19 with Boiler to Dg No 29803-E-Dome Casing	Full size sectional view Endorsed: altered 5.8.32 to agree with B17 casing	- .5.32	1932	-	D14-16 J16-19	PT	70	-
30589	Engines Type D15-Boiler to Dg No 29803-Cab and Splashers	1½" to 1' arrangement of cab and splashers with full size details Endorsed: altered 30.9.35	30.8.32	1932	-	D15	PT	69	-
30590	Smokebox Engines Types D14, 15, 16 with PV Cylinders and Boiler to Dg No 29803	3" to 1' detailed arrangement of smokebox Endorsed: altered 20.11.33	16.9.32	1932	-	D14	PT	69	-
30591	Engines Type D15 (With Piston Valve Cylinders and Boiler to Dg No 29803)-Blast Pipe and Lower Ring	6" to 1' elevations and plan Endorsed: altered 24.11.32; for relative positions of blast pipe and chimney see Dg 30606; see Dg 30609 for new blast pipe 16.2.33	- .8.32	1932	-	D15	PT	78	-
30592	Engines Types D14, 15 & 16 with Boilers to Dg No 29803-Arrangement of Westinghouse and Vacuum Brake Pipes	1½" to 1' arrangement shown on outline of engine Endorsed: altered 6.36	7.9.32	1932	-	D14-16	PT	78	-
30596	Engines Type D14, D15 & D16 with Boiler to Dg No 29803E-Motion Arrangement	3" to 1' details of motion and cylinders	7.2.33	1933	-	D14 D15 D16	PT	47	-
30600	Four Wheels Coupled Express Engines Types D14, 15, 16-Rod, Pipe & Clothing Arrangement for Engines with Boilers to Dg No 29803E	1½" to 1' elevations and plan of engine	- .10.32	1932	-	D14 D15 D16	PT	48	-
30605	Engines Types D14, 15 & 16 with Boilers to Dg 29803	Schedule and dimensions of 5 steel flats, frame angles, plates, sheets D15and cleading sheets	- .6.32	1932	-	D14 D15 D16	PT	23	-
30605 -I	Engines Types D14, 15 & 16 with Boilers to Dg No 29803-9 sets Angles and Tees	Schedule and dimensions of 8 components for cab, stores ordering tracing Endorsed: see Dg No 31750 dated 4.34	- .6.33	1933	-	D14 D15 D16	PT	23	-
30607	Tank Engines F7 Class-2 Sets Steel Boiler Plates	Schedule of 16 components, stores ordering tracing	11.6.32	1932	-	F7	PT	27	-
30655	Cross Section of First Class Restaurant Car No 683 Showing Maximum Dimensions	1" to 1' outline end elevation of 61'6" carriage with main dimensions	- .8.32	1932	-	-	PT	104	-
30677	Sketches Showing Inside Handle of Kaye's Carriage Door Lock with Safety Device which Prevents Door	Unscaled elevations and sections showing lock in different modes	- 8.32	1932	-	-	PT	104	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30677	Door Lock with Safety Device which Prevents Door being Accidentally Opened	Endorsed: prepared in connection with mishap to Miss G. Hillman on 2.8.32	2.8.32	1932	-	-	PT	104	-
30677 -I	Sketches Showing Inside Handle of Kaye's Carriage Door Lock with Safety Device which Prevents Door being Accidentally Opened	Unscaled elevations and sections showing lock in different modes Endorsed: prepared in connection with mishap to Miss G. Hillman on 2.8.32	2.8.32	1932	-	-	PT	104	-
30700	GE Section 50 CP Hard Mantle for Carriages	Twice full size, section and plan of gas mantle	19.9.32	1932	-	-	PT	34	-
30701	GE Section 25 C.P. Hard Mantle for Carriages	Twice full size plan and elevation of mantle for incandescent gas lights	19.9.32	1932	-	-	PT	82	-
30783	Pipe and Rod Arrangement J39 1928, 1929 & 1930 Builds	1½" to 1' elevations and plan of engine Endorsed: altered 22.8.32 Copy of Darlington Dg No 14895D	27.2.32	1932	-	J39	PT	48	-
30787	Tank Engines Class F4-Arrangement and Details for Steam and Vacuum Brake Pipes	1½" and 3" to 1' arrangement on outline elevations and plan of engine with details of components	10.10.32	1932	-	F4	PT	52	-
30789	Engines Types J17-Arrangement of Wakefield's Fountain Axlebox Lubricator	1½" and 6" to 1' arrangement shown in relation to part of engine with full size details of 9 components Endorsed: altered 1.35	1.1.33	1933	-	J17	PT	52	-
30811	~~Standardisation of Lighting Practice-Carriages-~~ Diagrams Showing Present and Proposed Lighting for ~~Non-Standard GE Section Stock and Quintuple~~	Diagrammatic sections showing position of lights in corridors and compartments with wattages	2.9.32	1932	-	-	PT	48	-
30817	Detachable Gantry for 2 Ton and 30 Cwt Forward Control Road Vehicles	3" to 1' showing alternative dimensions for 5 different vehicles	13.10.32	1932	-	-	PT	44	-
30847	Proposed Alteration of 3rd Class Restaurant Car to Buffet Car	3/16" to 1' interior plan of 54' gangwayed carriage Endorsed: not worked to	3.11.32	1932	-	-	PT	145	-
30871	Part Smokebox Arrangement Engines Types D14, 15 and 16 with Slide Valve Cylinders and Boiler to Dg No 29803	3" to 1' arrangement of blast pipe and steam pipes within smokebox D16	1.1.33	1933	-	D14 D15 D16	PT	40	-
30889	Engine Type D14-Engine No 8900 Rebuilt with Piston Valves, Cylinders and Boiler to Dg No 29803-Engine Nameplate	Full size elevation, plan and section of Claud Hamilton nameplate Endorsed: letters and beading to be polished, background to be painted black	30.11.32	1932	S46	D15	PT	101	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30910	L&NER GE Section-Number and Position of Carriage & Wagon Examiners and Greasers and Gas Fillers	Diagram showing position, number and grade of staff and hours of duty	30.11.32	1932	-	-	PT	89	-
30922	Proposed Acetylene Lighting for Horse Boxes General Arrangement	1½" to 1', sectional view of lamp with generator on outside end of GE box	21.12.32	1932	-	16M 17M	PT	3	-
30923	Proposed Acetylene Lighting for Horse Boxes Details of Lamp Fittings	Full size details of lamp and glass bowl.	6.1.33	1933	-	16M 17M	PT	3	-
30951	Arrangement of Air Reversing Gear Engines Types D14, 15 & 16 with Slide Valve Cylinders and Boiler to Dg No 29802	1½" to 1' detailed arrangement	6.1.33	1933	-	D14-16	PT	70	-
30952	Engines Type N7 (Except Nos 2600 to 2661) Arrangement of Coal Bunker, Footstep and Handrail	1½" to 1' outline side elevation of bunker	21.12.32	1932	-	N7	PT	70	-
30967	Engine and Tender Disc	Full size elevation and section of 1'2" diameter mild steel disc, 11" diameter violet centre, 1½" outer rim, white on reverse Endorsed: see later tracing 25.9.58	17.1.33	1933	-	-	PT	133	-
30967	Engine and Tender Disc	Full size elevation and section of 1'2" diameter mild steel disc, 11" diameter violet centre, 1½" white outer rim, white on reverse	25.9.58	1958	-	-	PT	133	-
30992	Outside Dimensions of Ruston-Bucyrus Drag Line Excavator for Transport Purposes Only (Truck Flat Roll 3)	3/8" to 1' outline side and end elevations of excavator on wagon Retracing of Ruston Bucyrus Ltd Dg 31N371 class PNC No 4	1.2.33	1933	-	-	PT	90	-
31001	Side Lamp for 20 Ton Goods Brake Van-Sketch Showing Proposed Wooden Door to be Fitted when Lamp Door is Damaged	6" to 1' elevations and plan of arrangement, ¾" to 1' outline side elevation showing position on 17'6" van	10.2.33	1933	-	56W	PT	139	-
31003	Diagram of Push & Pull Train for the Norwich District	3/16" to 1' plan of G4 engine, 51' 3rd dia 402 and 51' Bk 3rd dia 531 Endorsed: altered 20.6.33	23.2.33	1933	-	402C 531C	PT	33	-
31081	Stores Ordering Drawing-No T-326N Locomotive Tyres	Full size section of tyre and schedule of sizes Endorsed: Traced from Locomotive Tyre stores Ordering Book Sheet 1	15.3.33	1933	-	-	PT	83	-
31082	Stores Ordering Drawing No T-396N- Locomotive Tyres	Full size section of tyre and schedule of sizes Endorsed: traced from Loco Tyres Stores Ordering Book Sheet 20	15.3.33	1933	-	-	PT	82	-
	Stores Ordering Drawing No T-395N Locomotive	Full size section of tyre and schedule of sizes							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31083	Stores Ordering Drawing No T-393N-Locomotive Tyres	Endorsed: traced from Loco Tyres Stores Ordering Book Sheet 19	15.3.33	1933	-	-	PT	82	-
31084	Stores Ordering Drawing No T-391N-Locomotive Tyres	Full size section of tyre and schedule of sizes Endorsed: traced from Loco Tyres Stores Ordering Book Sheet 15	17.3.33	1933	-	-	PT	82	-
31085	Stores Ordering Drawing No T-367N-Locomotive Tyres	Full size section of tyre and schedule of sizes Endorsed: traced from Loco Tyres Stores Ordering Book Sheet 6	15.3.33	1933	-	-	PT	82	-
31086	Stores Ordering Drawing No T-344N Carriage Tyre	Full size section of tyre and schedule of dimensions	24.2.33	1933	-	-	PT	97	-
31087	Stores Ordering Drawing-No T-311N Carriage Tyre	Full size section of tyre and schedule of sizes	24.2.33	1933	-	-	PT	83	-
31090	Gauge Dials	Full size dials-boiler pressure, carriage heating, vacuum, Westinghouse (main air), Westinghouse (brake cylinder)	1.3.33	1933	-	-	PT	83	-
31090 Att	Gauge Dials	Full size dials Nos 6 GE Duplex pattern and No 7 Duplex LNER	- .5.34	1934	-	-	PT	83	-
31090 -I	Gauge Dials	Full size dials Westinghouse dual, boiler pressure and Westinghouse Duplex	31.1.40	1940	-	-	PT	83	-
31104	Push and Pull Train for the Norwich District-Revised Diagram of Brake Third Showing 6 Passenger Compartments	3/16" to 1' diagram of 51' carriage Endorsed: altered 20.6.33	23.2.33	1933	-	-	PT	37	-
31105	Push and Pull Train for the Norwich District-Revised Diagram of Brake Third Showing 7 Passenger Compartments	3/16" to 1' diagram of 51' carriage, Endorsed: altered 20.6.33	23.2.33	1933	-	-	PT	37	-
31115	4,000 Gallon Tender to Dg No 12770C-Axlebox	Full size elevation, plan and section of axlebox and schedule of materials Copy negative	- .7.33	1933	-	-	PT	178	-
31127	Framing Engines Type D14 (S46) with Boiler to Dg No 13688	1 1/2" to 1" detailed elevations and plan of framing and splashers	- .4.33	1933	S46	D14	PT	31	-
31131	Sketch of Gas Roof Lamp (No 1 Small) Showing Clearances between Casting and Glass Bowl	Full size sectional elevation with 5 9/16" diameter glass	22.3.33	1933	-	-	PT	137	-
31186	Proposed New Body for Composites No 63441, 63585 and 63586	3/8" to 1' outline elevations and plan of a 47'9" over body.	9.5.33	1933	-	224C 228C	PT	13	-
31200	Engines Type J19 with Boiler to Dg No 29803-Rod, Pipe and Clothing, Lubrication and Vacuum Brake Pipe	1 1/2" to 1' arrangements on elevations and plan of engine	5.1.35	1935	-	J19	PT	178	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Arrangement	Endorsed: altered 5.6.35, 9.35 and 10.37							
31201	Engines-Types J18, 19 with Boilers to Dg No 29803-Cab	1½" to 1' detailed arrangement of cab and 6" to 1" constructional details for roof Endorsed: for other details see Dg No 30589: for alterations to footplate see Dg No 18021 dated 11.2.35	31.7.34	1934	-	J18 J19	PT	35	-
31202	Smokebox-Engine Types J18, 19 with Boiler to Dg No 29803	3" to 1' detailed arrangement of smokebox with component drawing numbers listed in schedule Endorsed: altered 29.8.35	27.7.34	1934	-	J18 J19	PT	35	-
31205	Chimney Liner-Engines Type J18, 19 with Boiler to Drg No 29803	6" to 1' detailed arrangement of liner Endorsed: for chimney arrangement see Dg No 30597: for petticoat arrangement see Dg No 29841	4.8.34	1934	-	J18 J19	PT	35	-
31211	Engines Type J19 (Rebuilt) with Boilers to Dg No 29803 Driving Axlebox	Full size detailed elevations and plan	20.3.35	1935	-	J19	PT	93	-
31212	Engines Type J19 (Rebuilt) with Boilers to Dg No 29803 Leading Axlebox	Full size detailed elevations and plan	- .2.35	1935	-	J19	PT	93	-
31248	Arrangement of Automatic Rail Washing Gear Engines Type J20	1½" to 1' arrangement of gear on front and rear of engine Endorsed: for engines J18 and J19 see Dg No 31249 and Attachments	- .6.33	1933	-	J20	PT	175	-
31282	Covered Carriage Truck-Proposed Scheme for Conveyance of Live Geese	3/16" to 1' outline elevations of 44' bogie van with cages for about 300 geese for ferry wagon	13.6.33	1933	-	-	PT	75	-
31283	Alterations to 20'2" Horse Box	1½" to 1' interior alterations and plan with schedule of 9 alterations, including incandescent gas lighting and improved seating for groom Endorsed: for GA see Dg 17401	26.6.33	1933	-	28M	PT	80	-
31288	Arrangement of Gas Cylinder on Underframe of 20'2" Horse Box	1½" to 1' arrangement on outline of underframe to Dg 17401	1.7.33	1933	-	28M	PT	80	-
31297	Position and Detail of Lamp Iron for Rear Lamps on Coaches with Pullman-Adaptor Fitted Gangways	¾" to 1' and full size showing position of lamp and bracket on carriage end and full size arrangement of lamp iron	6.7.33	1933	-	-	PT	30	-
31299-3	Diagram of Invalid Car Converted from Brake Third Class Diagram No 14600-537E-First and Third Class Accommodation	3/8" to 1' interior plan of No 640	18.4.35	1935	-	537C 12BC	PT	112	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31310	1½/2 Ton Motor Van-Proposed Body Arrangement	¾" to 1' outline elevations and plan of lorry with 11'6¼" floor, detachable hinged sides and hoop ticks and sheet	20.7.33	1933	-	-	PT	132	-
31314	1½/2 Ton Motor Van Proposed Body Arrangement	¾" to 1' outline arrangement of body with detachable sides, roof hoop sticks and sheet, length inside 11'6¾" shown on Thornycroft chassis	22.7.33	1933	-	-	PT	91	-
31407	First Class Restaurant Car	3/16" to 1' plan of interior of 50' body. Endorsed: superseded by Dg No 31409; one built March 1913 No 669	20.10.33	1933	-	30C	PT	16	-
31409	Modernisation of Restaurant Cars-Alterations to Saloon End of No 669 Car	¾" to 1' part plan view of end of 1st open compartment showing insertion of new window near door	25.10.33	1933	-	30C	PT	84	-
31421	8 Ft Wheelbase 4 Wheeled Carriage Bogie Pressed Steel Frame (Solebars ½in Thick)	3" to 1' general arrangement Endorsed Revised 20.11.33, superseded by Ozalid tracing same No revised 26.9.35 Copy of Doncaster Dg No 7802N	18.6.30	1930	-	-	PT	67	-
31421	8 Ft Wheelbase 4 Wheeled Carriage Bogie Pressed Steel Frame (Solebars ½in Thick)	3" to 1' general arrangement Copy of Doncaster Dg No 7802N	26.9.35	1935	-	-	PT	67	-
31424	8ft 6in Wheelbase Special Bogie to Carry 18½ Tons on Pivot	3" to 1' general arrangement My comment: retraced 22.6.34	29.7.30	1930	-	-	PT	67	-
31441	C.I. Plate for Indicating Dimensions and Weight of Carriages	Full size details of 8" x 4½" plate showing body length, width, weight and seating capacity in 7/8" characters, 1" to 1' detail showing position of plate on carriage end	13.12.33	1933	-	-	PT	132	-
31471	Maximum Wheelbase and Axlebox Guide Side Clearances of GE Six Wheeled Vehicles	1" to 1' diagram showing clearances, minimum curve 6 chains.	30.1.34	1934	-	-	PT	18	-
31482	Maximum Wheelbase and Overhang on GE 6 Wheeled Vehicles	1" to 1' outline elevation of 34'6" underframe, minimum curve 6½ chains	31.1.34	1934	-	-	PT	40	-
31484	Modernisation of Restaurant Cars-Alterations to Saloon End of Cars 668	¾" to 1' elevation and plan of end section of carriage	3.2.34	1934	-	28C	PT	40	-
31541	Smokebox-Engines Types D14-16 with 9½" Dia. Piston Valves	3" to 1' detailed sectional elevations of smokebox Endorsed: alterations up to 11.46	16.5.35	1935	-	D14 D15 D16	PT	138	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31584	Engines Type B12 and D15 Liner for Chimney	Half size, liner shown in relation to chimney Endorsed: amended 1.2.24 (sic)	12.12.33	1933	-	B12 D15	PT	28	-
31610	3 Locomotive Diagrams L2 H2 M2	1/16" to 1' diagrams of former LPTB engines, , size 6" x 4"				L2 H2 M2	PT	166	-
31610	13 Locomotive Diagrams Type B17 Type B/12 Part 3 Type D16 Part 3 Type D14 Part 2 Type J20 Part 1 (Type B12) unfinished diagram Type D16 Part 2 Type D15 Part 2 Type B12 Type D16 Part 1 Type D15 Part 1 Type E4 Type D13	1/16" to 1' diagrams with table of numbers, size 6" x 4"	12.2.34	1934		B17 B12/3 D16/3 D14/2 J20/1 B12 D16/2 D15/2 B12 D16/1 D15/1 E4 D13	PT	166	-
31610	13 Locomotive Diagrams Type J15 Type J92 Type J20 Type J18 Type J69 Part 2 Type Y4 Type J19 Part 2 Type N7 Part 4 Type J67 Part 2 Type Y5 Type J19 Type J17 Type Y6	1/16" to 1' diagrams with table of numbers, size 6" x 4"	12.2.34	1934	-	J15 J92 J20 J18 J69/2 Y4 J19/2 N7/4 J67/2 Y5 J19 J17 Y6	PT	166	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31635	Allocation of Boilers GE Section	Diagrammatic map of GE Section with schedule of boilers-1243 loco boilers,136 stationary and 15 Sentinel	29.12.33	1933	-	-	PT	111	-
31675	Dummy Door for Quintuple Stock	1½" to 1' elevations of door, 6" to 1' and full size details	20.3.34	1934	-	-	PT	120	-
32143 -1	Engines Type D15-Smokebox	3" to 1' sectional side and end elevation of smokebox Endorsed: altered, date unknown	16.5.35	1935	-	D15	PT	107	-
32187	Arrangement and Details of Whistle Gear to be Fitted to all Engines 10.34 - -	1½" to 1' and full size with schedule of components and dimensions required for various classes of former GE engines Endorsed: altered 2.4.37 for J65, 66 and 67 engines	- .10.34	1934	-	J65 J66 J67	PT	24	-
32191	Milk Tank Wagons-Lettering Diagram	¾" to 1' outline side elevation of United Dairies 6 wheel tank No 1267	26.7.34	1934	-	-	PT	113	-
32193	Saloon No 61-Arrangement of Vacuum Brake, Gas Reservoirs and Accumulator Boxes with Standard Light Type 8Ft 6Ins Wheelbase Bogies Fitted	1" to 1' general arrangement of underframe and equipment but no bogie detail Endorsed: for body arrangement see Dg No 21944, underframe Dg No 21838	- .12.34	1934	F80	34C	PT	112	-
32195	Saloon No 61-Ironwork Details Required for Changing Bogies to Standard 8ft 6ins Light Type	3" to 1' and full size details of 10 components	4.9.34	1934	F80	34C	PT	112	-
32199	Diagram of Proposed Invalid Cars Converted from Brake Thirds (Diagram No 14600-537E)	3/8" to 1' interior plan	- .9.34	1934	-	537C	PT	112	-
32199 -1	Diagram of Invalid Car Converted from Brake Third Diagrams No 14600-537E-First Class Accommodation	3/8" to 1' interior plan of No 639 Endorsed: See revised tracing dated 12.4.35 My comment: portable couch reclaimed from old saloon to diagram 12C	26.10.34	1934	-	537C 12AC	PT	112	-
32199 -1	Diagram of Invalid Car Converted from Brake Thirds Diagram No 14600-537E-First and Third Class Accommodation	3/8" to 1' interior plan of No 639 Endorsed: Revised 12.4.35 My comment: easy chair and couch reclaimed from existing saloon to diagram 12C	18.4.35	1935	-	12AC	PT	112	-
32199 -2	Diagram of Invalid Cars Converted from Brake Third Diagram No 14600-537E	3/8" to 1' interior plan	23.10.34	1934	-	537C	PT	112	-
32200	Sketch of Gas Filling Connection for use on GE	Full size arrangement	4.9.34	1934	-	-	PT	112	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
32200	Section	Full size arrangement	6.7.34	1934	-	-	TI	112	-
32242	Diagram of Body of Coach Converted to Outstation Hut Dimensions taken from Third Class Vehicle dia 404E	3/8" to 1' scale of interior, divided into stores, workshop and mess room	23.11.34	1934	-	404C	PT	28	-
32246	Diagram of 8.31am Train ex Cambridge in Mishap at Wharf Road, Wormley	1/16" to 1' outline side elevation of 7 coach train drawn by engine No 8896 My comment: drawing unfinished	27.11.34	1934	-	-	PT	28	-
32247	Diagram of 8.15am Train ex Enfield Town in Mishap at Liverpool Street 24.11.34	1/16" to 1' outline side elevation of Quint units Nos 120A and 131A	29.11.34	1934	-	-	PT	28	-
32248	Diagram of 8.48am Train ex Liverpool Street in Mishap at Liverpool Street 24.11.34	1/16" to 1' outline elevation of Quint Units Nos 112A and 109A	29.11.34	1934	-	-	PT	28	-
32249	Sketch Showing Site of Mishap at Liverpool Street Station 24.11.34	Unscaled plan showing approaches to platforms 1 to 4 and the path of incoming train to No 1 and outgoing train from platform 4	- .11.34	1934	-	-	PT	28	-
32406	Type B12 Engines with 5'1 1/8" Belpaire Boiler-Axlebox Lubrication Details	6" to 1' and full sized details of 13 components Endorsed: altered 5.3.35 for an additional component; see Dg No 32405 for GA of lubrication	28.1.35	1935	-	B12	PT	23	-
32452	B17 Type Engine "The Suffolk Regiment"	Full size arrangement of nameplate and crest on splashers. My comment: very fragile	- .4.34	1934	-	-	TI	66	-
32552	Arrangement of 54' Non Vestibule Underframe	1" to 1' detailed arrangement of frame showing dynamo, battery boxes and Westinghouse brake details, revised to 30.8.35 Copy of Doncaster Dg No 10460N	12.11.34	1934	-	-	PT	134	-
32553	Arrangement of 54' Non Vestibule Underframe	1" to 1' detailed arrangement of frame showing dynamo, battery boxes and Westinghouse brake details, revised to 30.8.35 Copy of Doncaster Dg No 10461N My comment: both the drawings to this number appear to be the same	14.11.34	1934	-	-	PT	134	-
32554	Arrangement of 54Ft 1 1/2Ins Non Vestibule Third Class Brake	3/4" to 1' arrangement of 7 compartment brake 3rd body, revised to 18.2.35 Copy of Doncaster Dg No 10462N	14.11.34	1934	-	-	PT	134	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
32555	Arrangement of 54Ft 1½Ins Non Vestibule 2nd or 3rd Class Carriage	¾" to 1' arrangement of 10 compartment body, revised to 16.2.35 Copy of Doncaster Dg No 10463N	12.11.34	1934	-	-	PT	134	-
32556	Arrangement of 54Ft 1½Ins Non Vestibule Composite Carriage	¾" to 1' arrangement of 9 compartment body, revised to 22.2.35 Copy of Doncaster Dg No 10464N	13.11.34	1934	-	-	PT	134	-
32557	Section of Suburban Bogie Carriages	1½" to 1' sectional and side elevations of 1st class and 2nd & 3 rd class compartments, revised to 27.2.35 Copy of Doncaster Dg No 10465N	14.12.34	1934	-	-	PT	134	-
32559	Sections of Brake Compartment for Non Vestibule Third Class Brake to Dg No 10462N	1½" to 1' interior elevations and plan of brake compartment, revised to 18.2.35 Copy of Doncaster Dg No 10480N	26.11.34	1934	-	-	PT	134	-
32586	Glass Bowl for Oil Roof Lamp-GE Section Lamps	Full size sectional elevation and plan of 7 5/16" dia. bowl, 3½" deep	2.4.35	1935	-	-	PT	93	-
32658	Standardisation of Through Couplings- Diagrams Showing Present Positions of Terminal Blocks and Lengths of Couplings on GE Section Non Vestibule Carriages	¾" to 1' outline end elevations of Quints, Quads, Outer suburban and Ilford suburban stock	15.6.35	1935	-	-	PT	143	-
32660	Colne Valley Coaches-Proposed Alterations to Suit Wheels and Axles with 67½" Journal Centres	3" to 1' side elevation and plan of existing and proposed arrangement of axle box and wheels for Nos 61304 & 63562	-	-	-	-	PT	142	-
32665	Conversion of No 62 Loughton Train from No 14 to No 13 Formation-Diagram of Converted Train showing Layout of Westinghouse Brake Pipes	1/16" to 1' diagram of train with carriage numbers	3.7.35	1935	-	-	PT	2	-
32690	Glass Bowl for Gas Roof Lamp	Full size section and plan of bowl 4 15/32" diameter and 5" deep for GE carriage vans and general vans	- .7.35	1935	-	-	PT	-	-
32719	Engines Type E4-Alteration to Cab Side and Roof	1½" to 1' elevations and plan of modified cab Endorsed: for modification of cab to suit tenders fitted with weather board see Dg No 35577	31.12.35	1935	-	E4	PT	139	-
32745	4,200 Gallon Standard Tender-Drg No 15436D Arrangement of Vacuum Brake Train Heating and Feed Pipes	1½" to 1' general arrangement of tender and fittings	6.6.33	1933	-	-	PT	36	-
32746	Group Standard Tender 3,500 Gallons-Arrangement of Vacuum Brake, Feed Water Connections and Train	1½" to 1' general arrangement of tender and fittings.	14.6.35	1935	-	-	PT	36	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Heating and Train Heating Vacuum Fitted Tenders	Copy of Darlington Dg No 16119D							
32810	Leather Strap for Droplights (Third Class)	6" to 1' details of strap with piercing and embossing detail Copy of Dg No 12435D; taken from Dg No 4912N	12.4.26	1926	-	-	PT	9	-
32825	Damaged Seat Back Sketch Showing Comparison of Darlington and Doncaster Seat Back Designs	3/8" to 1' side sections of the two seats	28.9.35	1935	-	-	PT	9	-
32831	New Ilford Suburban Trains-Sketch Showing Position of Lettering- 'I' Spare Vehicles	6" to 1' part end elevation showing position of lettering	30.9.35	1935	-	-	PT	137	-
32889	Drivers Notice in Cab-3 Cylinder Engines	Full size notice 5½" x 3" 'Coasting Cut Off when the Regulator is closed at Speeds exceeding 25mph the Gear must be put at 25% Cut Off' Copy of Doncaster Dg No 36-13	22.5.36	1936	-	-	PT	28	-
32964	Position of Destination Indicator and Revised Position of Fire Appliance Shelf and Rope Rings in Brake Compartment to Dg No 10480N	1½" to 1' interior elevations and plan My comment: poor copy negative	14.3.35	1935	-	-	PT	98	-
33041	Frame Arrangement (J39)	1½" to 1' detailed elevations and plans with wheels Endorsed: see later drawing same number dated 10.3.42 Copy of Doncaster Dg No 16064D	12.3.35	1935	-	-	PT	83	-
33200	Engines Type J17 Rebuilt with Standard D&J Boiler-Arrangement of Cab	1½" to 1' arrangement of cab with full size details	19.3.37	1937	-	J17	PT	105	-
33203	Type J17 Engines with D&J Boiler to Dg No 29803-Chimney Liner and Petticoat	6" to 1' elevations and sections	- .2.37	1937	-	-	PT	104	-
33409	Engines Type E4-Direct Stayed (Casing for Ross Pop Safety Valves)	6" to 1' elevations and plan of casing	- .3.37	1937	-	E4	PT	114	-
33453	Arrangement of 'B' Class Boiler M&GN Drg No 30/2025	1½" to 1' arrangement of boiler and firebox with full size details of riveting	9.9.37	1937	-	-	PT	36	-
33455	M&GN Class G6-Boiler Arrangement M&GN Drg No 30/3746	1½" to 1' arrangement of boiler and firebox with full size details of riveting	13.9.37	1937	-	-	PT	36	-
33461	Arrangement of G7 Boiler M&GN Dg No 30/2665	1½" to 1' detailed sections and elevations	15.9.37	1937	-	-	PT	81	-
		3" to 1' elevations and sections.							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
33500	Cylinders for Engines Classes F4, 5 & 6	Endorsed: top of cylinders and barrel strengthened 5.45	15.8.38	1938	-	F4-6	PT	57	-
34240	0-4-4 Engines Type G5-Arrangement of Auto Train Gear	1½" to 1' gear shown on part side and end elevations and plan.	- .10.38	1938	-	G5	PT	3	-
34253	Engine Types L&NER GE Section	Written schedule of all the classes allocated to the GE Section including former M&GN engines and other non-GER classes See Renewal same number No 34953	9.11.38	1938	-	-	PT	22	-
34253	L&NER Engine Types GE Section	Chart summarising engine types and company of origin	2.4.42	1942	-	-	PT	55	-
34254	Engine Allocation Plate	Full size 1/8" mild steel plate 9 7/8" by 1 3/8" white vitreous enamel, black 1" letters with schedule of sheds, Hornsey shown as example. Copy of York Dg No Y1171	3.11.38	1938	-	-	PT	59	-
34256	LNER 35 Tons Steam Breakdown Crane S.B.4 Stationed at Stratford	1/8" to 1' outline side elevation of crane and runners either end, enlarged detail of hook and side girder with table of lifting capacity for a given radius Copy tracing	16.11.38	1938	-	-	PT	177	-
34310	M&GN Standard Chimneys and Extension Pieces for All Classes	3" to 1' arrangement of 2 chimneys and schedule of dimensions. Copy of M&GN Dg No 2041-04	24.1.39	1939	-	-	PT	73	-
34542	Arrangement of Vacuum Control Regulator Class F5	1½" to 1' shown in relation to engine.	20.8.49	1949	-	F5	PT	11	-
34543	F4 Engines Fitted for Push Pull Working-Arrangement of Smokebox	3" to 1' elevations, section and plan of smokebox	- .12.39	1939	-	F4	PT	11	-
34543	Arrangement of Smokebox (Engines fitted with Vacuum Control Regulator) Class F5	3" to 1' elevations, section and plan of smokebox	6.2.49	1949	-	F5	PT	11	-
34548	Arrangement of Conduit, etc. for Bell Communication Engines with Vac Controlled Regulator Class F5	1½" to 1' arrangement shown in relation to part outline of engine	- .5.50	1950	-	F5	PT	11	-
34578	M&GN Engines Class 'C' with 'B' and 'G6' Boilers-Arrangement of Footplate Injector on LH Side	1½" to 1' arrangement showing apparatus in relation to footplate and cab	27.11.39	1939	-	-	PT	126	-
34635	M&GN Class 'D' with B Boilers-Arrangement of Footplate Injectors	1½" to 1' arrangement in relation to cab and footplate and 3" to 1' details of pipe brackets	1.3.40	1940	-	-	PT	128	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
34651	Engines Type D16/3 9½" Diameter Piston Valves-Motion Arrangement	3" to 1' sectional side elevation and plan	10.4.40	1940	-	D16/3	PT	63	-
34674	Engines Type F4-Arrangement of Armoured Cab	1" to 1' elevations of modified cab	- .6.40	1940	-	F4	PT	140	-
34686	Engines Type F4-Details of Protection for Clack Box and Westinghouse Pump	1 ½" to 1' elevations and plan of 3/8" plate casing Copy negative	- .6.40	1940	-	F4	PT	177	-
34802	L.T.P.B. Engines Type H2-Arrangement of Footplate Injector on L.H Side	3" and 1 ½" to 1' shown in relation to cab and trailing bogie	- .5.41	1941	-	H2	PT	26	-
34819	M&GN Engines Class C with G7 Boiler-Arrangement of GE Type Footplate Injectors	1 ½" to 1' footplate shown in relation to outline of cab and footplate	- .3.41	1941	-	-	PT	83	-
34870	Engines Type H2 (LPTB) Modified Petticoat and Chimney Liner	3" and 6" to 1' arrangement and details of some components	- .10.41	1941	-	H2	PT	36	-
34927	Arrangement of Pipes in Cab-Engines Type J20 Part I	1 ½", 3" and 6" to 1' detailed elevations of cab with details of fitting- .3.45s	- .3.45	1945	-	J20/I	PT	124	-
35123	Engines Type J17, D16, B12/3 (Except Beyer Built Tenders) Arrangement of Whitaker's Tablet Exchange Apparatus	1 ½" and 6" to 1' arrangement and details of components	18.6.42	1942	-	B12/3 D16 J17	PT	34	-
35127	Engines Class J17 Details and Arrangement of Vacuum Steam Brake Pipes	1 ½" to 1' details shown in relation to engine	14.2.42	1942	-	J17	PT	8	-
35152	Engines J17 Arrangement and Details of Steam Heating Pipes	1 ½", 3" and 6" to 1' arrangement in relation to outline of cab and footplate	18.9.42	1942	-	J17	PT	67	-
35412	Arrangement of Handbrake and Alteration to D13 Type Frame for Boiler Trolley	1 ½" to 1' arrangement of frame, centre wheels removed and handbrake fitted	1.9.43	1943	-	D13	PT	52	-
35413	Proposed Modification to Sludge Carriers Gidea Park Sponge Cloth Factory	1" to 1' arrangement of carrier, with 4 side openings, well blanked off	10.3.50	1950	-	-	PT	52	-
35482	Gauge Lamp	Full size arrangement of lamp and reservoir Endorsed: formerly Dg No LRG 178	- .5.43	1943	-	-	PT	137	-
35483	Hand Lamp	Full size arrangement of lamp and reservoir marked LNER LOCO Endorsed: formerly Dg No LRG 177	- .5.43	1943	-	-	PT	137	-
35484	GC Type Pressure Gauge Lamp	Full size arrangement of lamp and reservoir Endorsed: formerly Dg No LRG X5	5.4.40	1940	-	-	PT	137	-
35575	Diagram of 169 Class Engine No. 568607	1 ½" to 1' outline sectional side elevation of engine with a short history	9.9.50	1950	-	169	PT	148	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
35575	Diagram of J67 Class Engine No E6667	My note: Shannon card endorsed: Requested by Liverpool St MPS'	7.7.50	1950	-	J67	PT	148	-
35577	Arrangement of Tender Weatherboard, Side Doors and Alteration to Engine Cab Class E4	1½" to 1' detailed elevations and plan	- .1.51	1951	-	-	PT	83	-
35600	Arrangement of Blowdown Engine Class B12/3	1 ½" to 1' elevations showing arrangement of blowdown in relation to cab Endorsed: work to ringed dimensions for engines fitted with Owens regulator	1.2.45	1945	-	B12/3	PT	-	-
35610	Arrangement of Firedoor Brick Arch and Deflector Plate D16/3 Class	1½" to 1' elevations and plan	24.3.44	1944	-	D16/3	PT	94	-
35611	Engines Type D16/3 with Slide Valves Cylinders- Arrangement of Smokebox	3" to 1' sectional elevations of smokebox Endorsed: superseded see Dg No 35615	- .3.44	1944	-	D16/3	PT	93	-
35615	Engine No 8878 Type D16/3 (Slide Valve) Arrangement of Smokebox	3" to 1' sectional elevations of smokebox			-	D16/3	PT	93	-
35695	Portable Lighting Equipment-Diagram Showing Layout for Engines Undergoing Repairs in Running Sheds	3/8" to 1' ? arrangement of two sets of lighting equipment and leads shown on side elevations of B1 Class engine	16.11.44	1944	-	-	PT	23	-
36208	Untitled	Arrangement of boiler and cylinders of 0-6-0 tram engine with outline of body My comment: a high quality presentation, possibly a demonstration diagram				J70	PT	12	-
36211	Divider for Top of Blast Pipe	6" to 1' of top of blast pipe for N7 type engines	25.5.46	1946	-	N7	PT	74	-
36231	Smokebox Arrangement Engine Type J67	3" to 1' sectional side and end elevation of smokebox	8.8.46	1946	-	J67	PT	105	-
36232	Untitled	Unscaled sectional side and end elevations of 0-6-0 tank engine as the basis for coloured diagram showing combustion and steam passages	3.9.46	1946	-	-	PT	105	-
36241	N7 Engines Fitted with Jay-Gee Smoke Eliminator-Smokebox Arrangement	3" to 1' sectional side and end elevation of smokebox	13.11.46	1946	-	N7	PT	105	-
36377	J50 Engines Fitted with Jay-Gee Smoke Eliminator-Smokebox Arrangement	3" to 1' sectional elevations of smokebox	22.4.47	1947	-	J50	PT	138	-
36378	J50 Engines Fitted with Jay-Gee Smoke Eliminator-Firebox Arrangement	3" to 1' sectional elevations of firebox	22.4.47	1947	-	J50	PT	138	-
	Casing for 'Boss Ben' Safety Valves Eng. Class 166-67	6" to 1' details of casing 1" to 1' elevations as fitted to				J66			

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
36399	Casing for Ross Pop Safety valves-Engs. Class J66, 67 & 69	6" to 1' details of casing, 1" to 1' sketches as fitted to J66, 67 & 69	5.9.47	1947	-	J67 J69	PT	138	-
36440	Firebox Arrangement Engine Type J67 Fitted with Jay-Gee Smoke Eliminator	3" to 1' interior elevations of firebox	22.7.47	1947	-	J67	PT	138	-
36441	Smokebox Arrangement	1½" and 3" to 1' detailed arrangement for engine class J67 fitted with Jay-Gee Smoke Eliminator	22.7.47	1947	-	J67	PT	33	-
36591	Proposed Lettering on Tank Engines	1½" to 1' side elevation of 0-6-0 tank lettered 'British Railways' in 7" letters, 'E8494', 'E' 6", number 12" in 'gold' Gill Sans medium type letters	20.1.48	1948	-	-	PT	118	-
36592	Proposed Lettering for Tenders	1½" to 1' side elevation of 6 wheel tender lettered 'British Railways' in 'gold' Gill Sans medium type letters with table of dimensions	20.1.48	1948	-	-	PT	118	-
36612	Proposed Lettering "British Railways" on N7 (With One Step in Bunker)	1½" to 1' part side elevation of tank, cab and bunker				N7	PT	67	-
36612 -1	Proposed Lettering 'British Railways' on N7 Class (With 2 steps in Bunker)	1½" to 1' outline of tank and cab showing position of lettering	10.3.48	1948	-	N7	PT	118	-
36982 -1	Self Cleaning Smokebox Class D16/3 with 8" and 9½" Piston Valves	3" to 1' elevations and plans of the apparatus for the two classes Endorsed: for further dimensions see Dg No 36982	14.7.49	1949	-	D16/3/	PT	-	-
36990 -2	Arrangement and Details of Tender Weatherboard Class J17	1" to 1' elevations of weatherboard in relation to tender and 3" to 1' and full size details of components Endorsed: 5 engines at Plaistow to be fitted 30.6.53	5.8.53	1953	-	J17	PT	-	-
37007	Alterations to Increase Size of Cab, Etc Class Y7 Engine No 68088	1½" and 6" to 1' arrangement of cab with full size details	5.7.49	1949	-	-	PT	82	-
37013	Arrangement of Vacuum Control Regulator Class N7	1½" to 1' arrangement on outline elevations and plan of engine with schedule of drawings of components Endorsed: for arrangement for engines fitted with 2 Vacuum control regulators see Attachment to this drawing	- .6.50	1950	-	-	PT	82	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
37013 Att	Part Arrangement Showing Two Vacuum Controlled Regulators Class N7	1½" to 1' shown in relation to outline of smokebox	- .12.50	1950	-	N7	PT	82	-
37014	Arrangement of Smokebox (Engines Fitted with Vacuum Controlled Regulator) Class N7	3" to 1' sectional side and end elevations of smokebox	7.6.49	1949	-	N7	PT	105	-
37029	Smokebox Arrangement-Engines Fitted with Two Vacuum Controlled Regulators-Class N7	3" to 1' arrangement of smokebox and schedule of drawings of components	- .10.50	1950	-	N7	PT	82	-
37033	Brick Arches	¾" & 3" to 1' and full size sectional side elevations of 8 fireboxes showing arch arrangement and schedule for GE Section classes and details of firebricks and studs	2.11.49	1949	-	-	PT	178	-
37379	Spark Arrestor N7 Parts 1, 2 & 3, 5	3" to 1' section and plan of arrestor and full details of fixing	- .10.50	1950	-	N7	PT	135	-
37412	Front End Profile of Engine Type J20/I	1½" to 1' outline profile with main dimensions	10.5.50	1950	-	J20/I	PT	95	-
37422	Smokebox Arrangements (Engines Fitted with Condensing Gear J69 Class)	3" to 1' sectional elevations of smokebox	25.5.50	1950	-	J69	PT	96	-
37424 Att	Spark Arrestor (Top Portion)-D16/2 and J20 Class	6" to 1' elevations and plan	- .10.50	1950	-	D16/2 J20	PT	95	-
37431	Spark Arrestor-N7 Part 4	3" to 1' arrangement and full size detail	- .9.50	1950	-	N7/4	PT	95	-
37439	Spark Arrestor Classes J69, 65, 66 and 67	3" and 6" to 1' arrangement with enlarged details	29.1.51	1951	-	J65-67 J69	PT	95	-
37503	Lengthened Wash Out Plug with BR Std Thread	Full size details of plug	20.11.57	1957	-	N7 O4	PT	175	-
37557	Arrangement of Tender Weatherboard, Side Doors and Alteration to Engine Cab Class J17	1½" to 1' elevations and plan and full size details of fittings	- .5.52	1952	-	J17	PT	77	-
37560	Arrangement of Automatic Train Control-Class J17	1½" to 1' arrangement shown in relation to outline of engine with schedule of piping required	1.1.52	1952	-	J17	PT	76	-
37587	Engine No 2784 (E4 Class) Part Motion Arrangement	3"to 1' undimensioned side and plan of motion	9.4.52	1952	-	E4	PT	24	-
37965	Chart of Wheel Arrangements and Tyre Profiles for BR Standard Steam Locos and Tenders Main Line Diesel Locos and Diesel Shunting Locos and LM4 2-6-0 Locos and Tenders	Chart showing detailed dimensions of 13 tyre profiles and the applicable classes	17.11.59	1959	-	-	PT	-	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
37965	Chart of Wheel Arrangements and Tyre Profiles for BR Standard Steam Locomotives and Tenders Main Line Diesel Locomotives and Diesel Shunting Locomotives and LM42-6-0 Locomotives and Tenders	Chart showing detailed dimensions of 16 tyre profiles and the applicable classes Endorsed: see later tracing	17.11.59	1959	-	-	PT	-	-
37965	British Railways Std Tyre Profiles-Chart of Wheel Arrangements and Tyre Profiles for British Railways Standard Steam and Diesel Locomotives and Tenders and for Class 4 (2-6-0) ex LM Locomotives	Chart showing detailed dimensions of 3 wheel profiles and 16 wheelbases and the applicable classes Endorsed: see later tracing, same number	-	1959	-	-	PT	-	-
37965	Chart of Tyre Profiles for Main Line Diesel, Diesel Shunting, BR Std, Steam and ex LM42-6-0 Locomotives and Tenders	Chart showing 17 wheel profiles and 19 wheelbases	-	1959	-	-	PT	-	-
37965	Chart of Wheel Arrangements and Tyre Profiles for BR Standard Steam Locomotives and Tenders Main Line Diesel Locomotives and Diesel Shunting Locomotives and LM42-6-0 Locomotives and Tenders	Chart showing detailed dimensions of 16 tyre profiles and the applicable classes Endorsed: see later tracing	17.11.59	1959	-	-	PT	-	-
40017	Diagram of Auto Train for Edmonton-Cheshunt Loop Line	3/16" to 1' plan of 2-4.2T engine and Dia 439 third and Dia 124 first converted to composite	- .1.36	1936	-	-	PT	16	-
40018	Road Rail Glucose Tank Sketch Showing Position of Tank with Centre of Gravity 6Ft from Rail Level	1" to 1' end elevation of flat truck and 2,000 gallon tank mounted on road trailer Endorsed: for proposed circular tank see Dg 40021; for proposed flat tank see Dg 40019	2.1.36	1936	-	-	PT	7	-
40019	Road Rail Glucose Tank Sketch Showing Proposed Tank with Centre of Gravity 6Ft from Rail Level	1" to 1' end elevation of truck and 1,400 gallon tank mounted on road trailer Endorsed: for R.A. Dyson & Cos. Proposed Tank see Dg No 40018; for Proposed Circular Tank see Dg No 40021	8.1.36	1936	-	-	PT	7	-
40020	Bogie Slip Brakes (GE Diagram 14600-247E) Sketch of Slip End of Vehicle	¾" to 1' diagram of end of carriage and brake compartment.	6.1.36	1936	-	247C	PT	7	-
40021	Road Rail Glucose Tank-Sketch Showing Proposed Circular Tank with Centre of Gravity 6Ft from Rail Level	1" to 1' outline of road tank on 6 wheel underframe Endorsed: for R. A. Dyson & Co's proposed tank see Dg 40018, proposed flat tank see Dg No 40019, rail truck see Dg No 32576 or Dg No 8150C	9.1.36	1936	-	-	PT	93	-
40054	Live Geese Traffic via Train Ferry Approximate Layout of Wagon Used by Polish Railways	3/16" to 1' outline elevations and plan of bogie van with 3 tiers of pens for 1650 geese	20.2.36	1936	-	-	PT	56	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
40060	Live Geese Traffic via Train Ferry Proposed Scheme for Conveyance in Bogie Covered Carriage Trucks	3/16" to 1' outline elevations and plan of 44'6" bogie van, 2 tiers for 300 geese	18.2.36	1936	-	-	PT	56	-
40064	Standard Re-railing Ramps	3" to 1' arrangement of single and double ramps supplied by North British Steel Foundry Ltd., Balbardie Steel Works, Bathgate	7.3.36	1936	-	-	PT	42	-
40115	Diagram 9.36am Empty Carriage Train ex Liverpool Street in Mishap at Tottenham 12.5.36	1 ½" to 1' outline plan of 10 carriage train, engine No 2809	14.5.36	1936	-	-	PT	7	-
40116	Diagram of Goods Train in Mishap at Tottenham 12th May 1936	1/16" to 1' plan of engine No 8838 and details of train	15.5.36	1936	-	-	PT	16	-
40147 -2	ECJS Third Class Carriage Brake No 1324 as Transferred to the Locomotive Running Department	3/16" to 1' interior plan of unaltered carriage	25.6.36	1936	-	ECJS54	PT	24	-
40147 -3	Breakdown Train SB4-Staff Car ex ECJS Third Class Carriage Brake No 1324	3/16" to 1' elevations and plan of carriage as altered	25.6.36	1936	-	-	PT	52	-
40148 -3	Breakdown Train SB4 Equipment Car ex No 62596 Brake Third	3/16" to 1' plan view of interior arrangements	25.6.36	1936	-	-	PT	24	-
40148 -2	Brake Third No 62596 as Transferred to Loco Running Department	3/8" to 1' undimensioned interior plan of carriage ex ECJS	25.6.36	1936	-	-	PT	140	-
40149 -3	Brakedown Train S.B.4 Equipment Car Ex No 62595 Brake Third	3/16" to 1' elevation and plan of car as converted	25.6.36	1936	-	-	PT	63	-
40149 -2	Brake Third No 62595 as Transferred to Locomotive Running Department	1/8" to 1' of interior	-	1936	-	-	PT	72	-
40153	LNER Southern Area-Shenfield Station Nameboards to Station Seats	Full size blue enamel plate with white Gill Sans 3" lettering as replacement for cast iron version Copy of Engineers Dg No A3258	2.7.36	1936	-	-	PT	36	-
40171	Mishap at Postland at 7.9pm 27.7.36-Derailment of No 290 Down Express ex March	1/16" to 1' outline side elevation of 8 coach train plus covered goods wagon and engine No 2764 Endorsed: traced from copy of Dg No 11609N and notes re couplings added	13.8.36	1936	-	-	PT	75	-
40192	Formation of 10.25pm Mail Train ex Norwich Thorpe 18.12.36	1/16" to 1' outline plan of formation, broken axle on parcels van No 616	5.1.37	1937	-	-	PT	90	-
40244	Plan of Stores Van No 93 M&GN	¼" to 1' interior plan of van about 27'6" long	17.10.36	1936	-	-	PT	46	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
40248	'Not to Go' Cards	Full size elevation of wagon card 5" wide and 4" deep	23.10.36	1936	-	-	PT	177	-
40251	Bogie Suburban Trains Sketches of Thirds Class Compartments	1½" to 1' sections of reconditioned train and new Ilford Train compartments Endorsed: traced from I0465N (32557E) and partly from I807E	3.11.36	1936	-	-	PT	7	-
40251	Bogie Suburban Trains-Sketches of Third Class Compartments	1½" to 1' sectional outline side elevations for GE reconditioned trains and LNE New Ilford Trains Copy negative	4.11.36	1936	-	-	PT	174	-
40288	First Class Carriage No 6407-Cross Section of Clerestory Roof Showing Ventilators	1½" to 1' sectional end elevation and part of side showing opening details	30.12.36	1936	-	118C	PT	48	-
40361	Camping Coaches Converted from 6 Wheeled Third Class Carriages	3/8" to 1' interior plan and sectional end elevations My comment: shows CC107, ex 4891, CC108 ex 41468, both 32'2", CC109 ex 42418, 33'5" long	5.3.37	1937	-	-	PT	66	-
40362	Camping Coach Converted from 6 Wheeled Brake Third Class	3/8" to 1' interior plan and sectional end elevations. My comment: shows C110 ex 41448, 35' body	5.3.37	1937	-	-	PT	66	-
40391	Guard Conductor Train-Arrangement of Steps on 50' Bogie Brake Thirds	3" to 1' arrangement of steps in relation to solebars and body Endorsed: superseded by Dg 40923, 40392, 40393 on 9.1.40	26.4.37	1937	-	-	PT	83	-
40392	Guard Conductor Train-Arrangement of Steps on 50' Bogie Brake Third (Right Hand)	1½" to 1' arrangement of steps and brake cylinders on underframe	11.1.40	1940	-	-	PT	83	-
40393	Guard Conductor Train-Arrangement of Steps on 50' Bogie Brake Third (Left Hand) Vacuum Cylinders Opposite Side to Steps	1½" to 1' arrangement of steps and brake cylinders on underframe	9.1.40	1940	-	-	PT	83	-
40394	Guard Conductor Train-Arrangement of Steps on 50' Bogie Brake Third (Right Hand)	1½" to 1' arrangement of steps and brake cylinders on underframe Endorsed: this drawing not required My comment: carriage number 62380 scored out on drawing	-	1940	-	-	PT	83	-
40420	Position of Steps on LMS Guard Conductor Carriage No 3405	3/16" to 1' side elevation of 50' carriage and 3/8" scale end profile showing steps	26.5.37	1937	-	-	PT	102	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
40429	Diagram of 10.40pm Passenger Train ex Southend in Mishap at Wickford 12 June 1937	1/16" to 1' plan and elevation of 8 coach 54' stock, engine No 8791	25.6.37	1937	-	-	PT	11	-
40446	Buffet Car No 648-Plan Showing Position of Cigarette Cabinet, Tariff Car and Notice to Passengers	3/8" to 1' interior plan	30.7.37	1937	-	LNE167	PT	27	-
40455	Diagram of 8.52am Passenger Train ex Leicester to Norwich in Mishap at Hindolvestone (M&GN Section) 20.8.37	1/16' to 1' plan of site, engine 6013, LMS carriages C7086, 4791, BT6444	24.8.37	1937	-	-	PT	66	-
40462	Diagram of 5.30am Passenger Train ex Shenfield to Liverpool Street in Mishap at Liverpool Street 1.8.37	1/16" to 1' outline side elevation of engine No 866 on 8 coach train of 54' stock	1.9.37	1937	-	-	PT	102	-
40470	Seating Plan for East Anglian Train	Diagrammatic plan of interiors of 6 coach train with train timings Endorsed: traced from Dg No 12503N dated 25.8.37	29.9.37	1937	-	-	PT	102	-
40471	Arrangement of End of Standard Vestibule Carriage	1 1/2" to 1' end elevation and part side elevation showing full details of fittings and equipment Copy of Doncaster drawing	20.9.33	1933	-	-	PT	177	-
40478	Diagram and Particulars for Fitting Wagons for Use on Continental Railways	1" to 1' outline elevations and plan showing buffing and drawgear with schedule of dimensions of components Endorsed: CME's letter of 15.10.37 on H3-3305 enquiry from Hurst Nelson & Co Ltd	- .10.37	1937	-	-	PT	101	-
40505	New Hook of Holland Continental Express	1/8" to 1' diagram of 11 coach train plus 2 Pullman cars. Endorsed: superseded by Dg No 41617 Copy of Dg No CME 356A Kings Cross	29.10.37	1937	-	-	PT	35	-
40593	Running of 4-wheeled Vehicles in Passenger Freight Trains-Method of Marking Vehicles to Indicate that they can be Conveyed by Express Passenger Trains	1/2" to 1' outline of anonymous van marked 'X' in 4 letters, 'WB xx' above tare in 2" letters but on solebars of open carriage trucks	15.2.38	1938	-	-	PT	96	-
40612	Engineers Saloon No 65-Arrangement of Folding Steps	3" to 1' arrangement of steps in relation to underframe and 1/16" to 1' diagram of carriage showing position of the 4 sets of steps Endorsed: amended 9.38, dimensions taken from Dg No 4541Y	21.3.38	1938	-	5C	PT	25	-
40749	Diagram of 11.2am Passenger Train ex Hunstanton in	1/16" to 1' outline side elevation of 4 coach train,	5.11.38	1938	-	-	PT	70	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
40747	Mishap near Littleport 29.10.38	engine No 8834	3.11.38	1938	-	-	PT	72	-
40796	Harwich-Zeebrugge Train Ferry Service-PLM Wagon to Carry Live Fish No 594770-Sketch of Restriction Plate	Full size of plate 1'6" x 97/8" lettered 'To Run Between Harwich and Maldon East Only'	14.3.39	1939	-	-	PT	30	-
40797	Position of 'Rotosan' Automatic Air Purifier for Toilet Compartment	1½" to 1' internal elevations of toilet compartment showing position of apparatus Endorsed: altered 17.10.38 Copy of Doncaster Dg No 10711N	3.4.35	1935	-	-	PT	135	-
40812	Anthracite Cooking Stove Shewing Flues, Dampers and Flow of Gases	Unscaled sectional isometric view of equipment with an explanation of passage of hot gases and coal air through the equipment Copy of Doncaster Dg No 13876	31.3.39	1939	-	-	PT	177	-
40829	Diagram of 3.17pm Passenger Train ex Ipswich in Mishap at Witham 29.5.39	1/16" to 1' outline elevation of 9 coach train and fish van	31.5.39	1939	-	-	PT	52	-
40830	Diagram of 11.2am Passenger Train ex Hunstanton in Mishap at Hilgay	1/16" to 1' outline side elevation and plan of 5 carriage train	3.6.39	1939	-	-	PT	50	-
40842	Diagram of Steel Panelled Coach Built by R.Y. Pickering & Co.Ltd 1938-1939	¾" to 1' outline elevation of sides. Endorsed: made to show defects of paintwork on contract built vehicles	-	1939	-	-	PT	51	-
40843	Diagram of Steel Panelled Coach Built by Messrs. Cravens 1938/1939 26.6.39 - -	¾" to 1' outline side elevations of sides. Endorsed: made to show defects of paintwork on contract built coaches	26.6.39	1939	-	-	PT	51	-
40856	Proposed Formation of the Forncett and Wymondham Push & Pull Unit	1/8" to 1' outline plan of 2-4-2T, and unmodified bogie carriages to dias 224 and 537	2.8.39	1939	-	-	PT	24	-
40863	Carriage of Plant to Tollesbury-Diagram Showing Formation of Train	¼" to 1' outline elevation and plan of 3 wagon train loaded with 4 large circular segments, 1 on 6 wheel 34' 6" frame and 2 x 4 wheel 19'6" wagons Endorsed: for particulars of loads see Crompton, Parkinson's Dg No ST62316 revised 10.8.39	23.8.39	1939	-	-	PT	134	-
40864	Diagram Showing Formation of Push & Pull Units	1/16" to 1' diagrams of 9 units, their formation and number required Endorsed: altered 21.12.39	22.12.39	1939	-	-	PT	134	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
40896	Progressive Repairs System for Vehicles in Body Shop- Progressive Repairs Time Chart for Repair Stages	Chart for 5 week period achieving output of 15 vehicles a week	7.11.39	1939	-	-	PT	81	-
40900	Progressive Repairs System-Diagram Showing Repair Stages While Vehicles are in Body Shop	Diagram of shop showing stages of repair to vehicles	14.11.39	1939	-	-	PT	81	-
40915	Diagram of 9.25am train ex Liverpool Street in Mishap at Wood Street	1/16" to 1' outline side elevation of engine No 471 and train of Quint-Art units Nos 108B & 115A	7.12.39	1939	-	-	PT	102	-
40916	Diagram of 9.35am Train ex Liverpool Street in Mishap at Wood Street	1/16" to 1' outline side elevation of engine No 8010 and train of Quint-Art units Nos 117B & 106B	7.12.39	1939	-	-	PT	102	-
40928	Formation of Conductor Guard Trains	1/16" to 1' diagrams of 7 types of train, all bogie stock	10.1.40	1940	-	-	PT	9	-
40941	Push and Pull Units Arrangement of Side and End Windows in Drivers Compartment	1" to 1' details of inside end of carriage and fittings. Endorsed: for Standard vehicles to Diagram No 65; not carried out owing to War	-	1939	-	-	PT	5	-
40969	Diagrams of Side Bearing Springs for Carriages	1" to 1' diagrams of 23 types applicable to GER and LNER vehicles used on GE Section, with references to drawing numbers	12.6.40	1940	-	-	PT	23	-
40998	Emergency Lighting Restrictions-Identification of First Class Compartments Transfer on Bodyside Window	1½" to 1' of quarterlight area showing position of 10" white transfer Copy of Dg No CME 480 Bush Hill Park	19.11.40	1940	-	-	PT	49	-
41033	Diagram of 10.04am Passenger Train ex Liverpool Street in Mishap near Brentwood on 10.2.41	1/16" to 1' outline side elevation and plan of engine No 8506 on 10 coach train	13.2.41	1941	-	-	PT	102	-
41034	Diagram of 10.0 am Passenger Train ex Liverpool Street in Mishap near Brentwood on 10.2.41	1/16" to 1' outline side elevation and plan of engine No 2828 on 13 coach train	13.2.41	1941	-	-	PT	102	-
41045	Diagram of 6.40am Passenger Train ex Liverpool Street (via Woodford) in Mishap at Leyton Station 19.3.41	1/16" to 1' plan of 8 coach train and engine No 7100	20.3.41	1941	-	-	PT	75	-
41046	Diagram of 7.01am Passenger Train ex Loughton to Liverpool Street in Mishap at Leyton Station 19.3.41	1/16 to 1' plan of 8 coach train and engine No 7005	20.3.41	1941	-	-	PT	75	-
	Air Raid Precautions-Proposed Alteration to Condensed Covered Carriage Truck No 853 for	3/8" to 1' diagrams of vehicle before and after alteration							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
41057	Condemned Covered Carriage Truck No 853 for Conveyance of 'Sigmund' 500 Gallon Portable Fire Pump	My comment: half of body cut away and small jib crane mounted on underframe	19.4.41	1941	-	39M	PT	114	-
41123	ARP Van 963701 (Fitted with Buckeye Drawgear without Automatic Couplers) Screw Coupling for Attaching to "Buckeye" Drawhook	Full size details	8.12.41	1941	-	-	PT	7	-
41208	First Class Indication on Corridor Door of Composite Carriages	3" to 1' elevation of door with 7" white figure applied to 3 rd class side of door Copy of Doncaster Dg No 15864	18.2.43	1943	-	-	PT	177	-
41262	Bogie Suburban Carriages to Diagram No 542E-End Profile and Arr. Drawing No 17595	1½" to 1' outline end profile with detailed measurements over body and fittings	- .8.43	1943	-	542C	PT	173	-
41263	Bogie Suburban Carriages to Diagram 524E and General Arr. Drg No 22729-End Profile	1½" to 1' fully dimensioned end profile Endorsed: see also Dg No 41262-profile of other vehicles to diagram 542	- .8.43	1943	-	524C	PT	137	-
41264	Six Wheeled Brake Vans to Diagram 525E-End Profile	1½" to 1' outline end profile with detailed measurements over body and fittings	- .8.43	1943	-	525C	PT	173	-
41265	Bogie Carriages to Diagram No 526E-End Profile	1½" to 1' outline end profile with detailed measurements over body and fittings	- .8.43	1943	-	526C	PT	173	-
41266	Six Wheeled Carriages to Diagram Nos 508E and 538E-End Profile	1½" to 1' outline end profile with detailed measurements over body and fittings	- .8.43	1943	-	508C 538C	PT	173	-
41267	Bogie Carriages to Diagram No 211E-End Profile	1½" to 1' outline end profile with detailed measurements over body and fittings	- .8.43	1943	-	211C	PT	173	-
41268	Bogie Carriages to Diagram No 228E-End Profile	1½" to 1' outline end profile with detailed measurements over body and fittings	- .8.43	1943	-	228C	PT	173	-
41269	Bogie Carriages to Diagram No 210E-End Profile	1½" to 1' outline end profile with detailed measurements over body and fittings	- .8.43	1943	-	210C	PT	173	-
41270	Six Wheeled Carriages to Diagram No 519E-End Profile	1½" to 1' outline end profile with detailed measurements over body and fittings	- .8.43	1943	-	519C	PT	173	-
41271	Six Wheeled Carriages to Diagram Nos 514E and 552E-End Profile	1½" to 1' end profile with detailed dimensions	- .9.43	1943	-	514C 552C	PT	123	-
41272	Bogie Suburban Carriages to Diagrams Nos 213E and 517E-End Profile	1½" to 1' end profile with detailed dimensions	- .9.43	1943	-	213C 517C	PT	123	-
41273	Diagram of SE Suburban Train (morf service) Showing Present and Proposed Location of Non-Smoking Compartments	Diagram of 8 coach trains, proposed increase in smoking compartments from 70% to 85%	- .9.43	1943	-	-	PT	60	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
41283	Bogie Carriages to Diagram 445 End Profile	¾" to 1' scale diagram traced from Darlington Dg No 11907D	7.10.43	1943	-	445C	PT	56	-
41284	Diagram of 10.20pm Passenger Train ex Loughborough Mishap at Middle Drove Crossing near March 11 October 1943	1/16" to 1' side elevation of 12 carriage train of LNER stock hauled by engine No 2848	- .10.43	1943	-	-	PT	56	-
41285	Location of Non Smoking Compartments in the Ilford Suburban Trains	1/16" to 1' interior arrangement of 8 coach train Endorsed: altered 7.48; superseded by Dg No 41677 dated 2.50	- .10.43	1943	-	-	PT	70	-
41311	Mishap at Inford- Collision between 2.30pm Passenger Train ex Yarmouth and 2.40pm Passenger Train ex Norwich 16.1.44	1/16" to 1' outline elevations and plans of both trains and 1" to 20' location plan of trains in station after mishap	- .1.44	1944	-	-	PT	135	-
41312	Mishap at Wood Street 22.1.44- Collision between 3.58am Passenger Train ex Chingford and Engine 8805 ex Wood Street	1/8" to 1' outline elevation and plan of Quint Unit No 108A and diagram of engine My comment: train engine No 421	- .1.44	1944	-	-	PT	135	-
41314	Diagram Showing Present and Proposed Formation of Loughton Bogie Suburban Trains	Diagrammatic plan of formations			-	-	PT	126	-
41357	Mishap near Beiton 27.10.44- Collision between 12.53pm Special Train ex Liverpool Street and Army Vehicle at Crossing No 33	1/16" to 1' plan and outline elevation of train headed by B12 7491, carriages 2328, 43109, 42530, 397, 61449, 2378, 18004, 63315, 16661 and 33' to 1" plan	30.10.44	1944	-	-	PT	31	-
41368	Mishap at Romford 29.12.44 Collision between 5.32pm Goods Train, ex Brentwood and 5.20pm Passenger Train ex Chelmsford	1/16" to 1' plan of trains which collided at north end of station and 66' to 1" location plan	5.1.45	1945	-	-	PT	33	-
41372	Articulated Suburban Trains GN Quadruple Train No 92 GE Quintuple Unit 129B Partly Destroyed by Enemy Action	3/8" to 1' diagrams, 1 is GN train, diagram 2 is GE train, diagram 3 proposed GN Quadruple formed from remaining vehicles Endorsed: not carried out	16.1.45	1945	-	-	PT	111	-
41437	Derailment of 6.45pm Empty Carriage Train ex Liverpool Street at Bow Junction 11 July 1945.	1/16" to 1' sketch elevation and plan of train, engine No 7781, 1 quad set, 6 carriages and 3 horse boxes with 1" to 33' site plan My Note: signal gantry demolished by the accident	- .11.45	1945	-	-	PT	56	-
41447	Portable Lighting Equipment for Engines Undergoing Repairs-Arrangement of Trolley	3" to 1' arrangement of 4 wheel trolley fitted with shelves and hooks for wiring and lamps	29.9.45	1945	-	-	PT	32	-
41454	Cocoa Fibre Mats	1" to 1' plan of 4 types of mat for open firsts Nos 11134, 35 & 36	12.11.45	1945	-	-	PT	110	-
41455	Cocoa Fibre Mats	1" to 1' plans of 3 mats for open 1st No 11134	12.11.45	1945	-	-	PT	110	-
41456	Cocoa Fibre Mat	1" to 1' plan of mat for brake 2nd on Hook Continental train	12.11.45	1945	-	-	PT	110	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
41457	Cocoa Fibre Mat	1" to 1' plan of mat for open 2nd on Hook Continental train	12.11.45	1945	-	-	PT	110	-
41458	Cocoa Fibre Mat	1" to 1' plan of map for semi-open first No 11136	12.11.45	1945	-	-	PT	111	-
41459	Cocoa Fibre Mats	¾" to 1' plan of 4 types of mat for kitchen car No 9198 on Hook Continental Endorsed: superseded see Dg No 41628	12.11.45	1945	-	-	PT	111	-
41475	Mishap at Mile End Level Crossing Collision between 3.30pm Fish Train ex Reedham and AEC Lorry December 18th, 1945	Unscaled diagram of train and site plan, between Ely and Shippea Hill at 74m 76c, engine No 2777 and 13 vehicles	31.12.45	1945	-	-	PT	7	-
41476	Glass Bowl for Gas Lamp on N.E. Design Carriages	Full size plan and elevation for 9 5/16" diameter bowl	2.1.46	1946	-	-	PT	7	-
41477	Glass Bowl for Gas Lamp on N.E. Design Carriages	Full size plan and elevation for 7 15/16" diameter bowl							
41495	Arrangement of Loco Spring Trolley	3" to 1' arrangement of iron wheeled trolley 6' long by 3' wide	30.5.46	1946	-	-	PT	91	-
41502	Liverpool Street-Shenfield Electrification Scheme Formation of Concrete Train	1/16' to 1' side elevation of train	2.8.46		-	-	PT	114	-
41537	Mishap at Gidea Park Station 2.1.47	1/16" to 1' outline side elevation and plan of formations of 10.28pm Passenger Train from Liverpool Street to Southend and the 10.25pm Mail Train from Liverpool Street to Peterborough East via Ipswich and damage	- .1.47	1947	-	-	PT	90	-
41547	Derailment at Bow Junction LNER 17.5.47 Formation of 5.45pm Passenger Train from Liverpool Street to Southend	1/8" to 1' outline side elevation and plan of 8 coach train	29.3.47	1947	-	-	PT	128	-
41581	Location of Non Smoking Compartments in Quintuple Suburban Trains	Diagrammatic plan showing carriage compartments Endorsed superseded by Dg 41678 and 41679 dated 2.50	- .2.48	1948	-	-	PT	89	-
41584	Open Carriages with Bucket Seats-Positions for Reserved Seat Labels and Clips	3" to 1' elevations showing positions for fittings	- .3.48	1948	-	-	PT	97	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
41589	Arrangement of Painting and Lettering on Carriages	¾" to 1' 6 part side elevations showing lettering and painting details for plum and split milk and chocolate and cream liveries applied to 3 categories of stock: Standard teak panelled, steel panelled with deep windows and ordinary steel panelled	- .5.48	1948	-	-	PT	97	-
41590	Black Outline for Class Indication of Numbers on Carriages	Full size Gill Sans Medium Sign letters and figures, 4" for running numbers, plus 1/16" edging and 8" for class numbers plus 1/8" edging	- .5.48	1948	-	-	PT	97	-
41591	Arrangement of Painting and Lettering on Non-Vest Carriages (Steam Trains)	¾" to 1' part outline side elevations of 3 carriage types showing layout	- .6.48	1948	-	-	PT	84	-
41593	Railway Executive-Eastern Region-Lettering on Guards Door	Full size arrangement of Gill Sans Medium Sign letters and diagram showing position on door	- .6.48	1948	-	-	PT	23	-
41617	Diagram of 'Hook' Continental Train	1/16" to 1' internal arrangement of 13 carriage train	- .1.49	1949	-	-	PT	100	-
41631	Collision at Norwich 3.2.49-Collision between 6.25am Passenger Train ex Norwich and 2.55am Goods Train ex Whitmore	1/16" to 1' outline side elevation and plans of trains	- .2.49	1949	-	-	PT	144	-
41636	Tests on Liverpool Street/Shenfield Electric Stock	Two tables of test results motor coach E65207, test 1 on 30.3.49 and driving trailer E65207 test 2 on 1.4.49 relating to clearances of running gear	4.4.49	1949	-	-	PT	144	-
41637	Tests on Liverpool Street/Shenfield Electric Stock	Tables of test results on driving trailers E65206, test 2 on 1.4.49 and driving trailer E65606 test 1 on 30.3.49 relating to clearances of running gear	4.4.49	1949	-	-	PT	144	-
41638	Attn: Mr. The Railway Executive-Side Elevation of Non-Vestibuled Carriage No 88381 together with Cross Section Showing Platform in Relation to Step Boards	3/8" to 1' outline side elevations and 1 1/2" to 1' sectional end elevation at platform	11.7.49	1949	-	-	PT	144	-
41639	Tests on Liverpool Street/Shenfield Electric Stock	Tables of test results on 13.4.49 on motor coach E65207, test 3 and driving trailer E65606 test 3 relating to clearances of running gear	22.4.49	1949	-	-	PT	144	-
41641	Tests on Liverpool Street/Shenfield Electric Stock	Table of test results on 4.5.49 on driving trailer E65606 test 4 relating to clearances of running gear	5.4.49	1949	-	-	PT	145	-
41649	Liverpool St/Shenfield Electric Stock-Brass Pattress for Drivers Brake Gauge	Full size plan of pattress	26.9.49	1949	-	-	PT	148	-
41654	Drawbar Hook for 14 Ton Machine trucks Nos	4" to 1' elevation and plan of hook	22.9.49	1949	-	75W	PT	140	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
41654	621603 to 21624	6' to 1' elevation and plan of hook	23.7.47	1947	-	75W	PT	160	-
41676	Location of Non Smoking Compartments in GE Type 8 Coach Suburban Trains	Diagrammatic outline of sets							
41677	Location of Non Smoking Compartments in LNER Type 8 Coach Suburban Trains	Diagrammatic outline of sets							
	Location of Non Smoking Compartments in LNER Hertford Quadruple Suburban Trains		- .2.50	1950	-	-	PT	90	-
41678	Location of Non Smoking Compartments in LNER Quintuple Suburban Trains	Diagrammatic outline of sets Endorsed: altered 3.51							
41679		Diagrammatic outline of sets Endorsed: all superseded 26.11.51							
41685	Consion between 11.00pm Express Passenger Mail Train Peterborough to Liverpool Street and 7.45pm Freight Train Whitmoor to Witham between Kelvedon and Witham 7.3.50	1/16" to 1' outline elevation and plan of two trains	12.3.50	1950	-	-	PT	72	-
41688	Proposed Cinema and Generator Vans	1/4" to 1' shows cinema projection van 52' body No 970198, generator van 34'6" body No 970199, with British Standard gangway My comment: No 970199 is former GER 3rd 1738 diagram 407C	20.4.50	1950	-	407C	PT	62	-
41701	Passenger Communication Alarm Notice	Full size, reproduction of label for carriages 6 1/4" by 2 1/8" 'Alarm Pull the Chain Downwards Penalty for Improper Use £5'	-	1950	-	-	PT	74	-
41707	Carriage Axlebox Bearing Chart-Trials with Alternative Grades of White Metal Linings	Chat of trials with Quintuple unit set trains 113A and 130A Endorsed: see later tracing issue A	21.10.52	1952	-	-	PT	67	-
41707	Carriage Axlebox Bearing Chart-Trials with Alternative Grades of White Metal Linings	Chart of trials with Quintuple unit set trains 113A and 130A	21.10.52	1952	-	-	PT	67	-
41709	Derailment of 6.55am Passenger Train from Bishop's Stortford to Liverpool Street at Spelbrook Loop 19.8.50	1/16" to 1' outline plan of train and site plan	25.8.50	1950	-	-	PT	67	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
41711	Diagram of Vehicles to be Fitted with Loud Speaker Equipment as Spares for Hook Continental Train.	1/16" to 1' plan of interior layout of 6 carriages.	2.10.50	1950	-	-	PT	16	-
41727	Proposed Conversion of Suburban Composite Carriage to Open Brake Third with Lavatory	¼" to 1' diagram of 54' with luggage compartment to seat 34	21.3.51	1951	-	-	PT	114	-
41742	Diagram of Four Leading Coaches of 3.45pm Passenger Train Kings Cross to Leeds 14 July 1951	1/8" to 1' interior plan of cars 1738 & 1737, 1116 & 1115	24.7.51	1951	-	-	TP	159	3
41770	Formation of Liverpool Street-Southend (Victoria Trains)	1/16" to 1' outline side elevation and plan of 8 carriage train of 51'1½" stock. My comment: sections have been cut out of tracing to delete information	- .1.52	1952	-	-	PT	60	-
41834	Diagram Showing GE Suburban Carriage Converted from Parcels Van	1/8" to 1' outline side elevation and plan of 54' vehicle	- .12.52	1952	-	-	PT	88	-
41852	Mishap at Forest Gate Junction 24.5.53-Formation of 3.30 Class 'H' Freight Train from Goodmayes to Temple Mills	1/16" to 1' outline side elevation and plan of engine No 68965 and train		1953	-	-	PT	104	-
41859	Mishap at Bethnal Green 4.9.53-Formation of 2.21pm Passenger Train from Liverpool Street to Ipswich	1/16" to 1' outline of train engine No 61046 and 10 vehicles My comment: tracing torn at right hand end	9.9.53	1953	-	-	PT	111	-
41868	Diagram Showing Arrangement of Worstead Packing in GE 'R' Axlebox	3" to 1' plan and elevation with procedure notes	2.11.53	1953	-	-	PT	160	-
41904	Proposed Layout of Tool Van for Breakdown Trains Standard Tool Packing Van	3/8" to 1' interior and sectional views of layout of 54' carriage. Copy of Doncaster Dg No 20898	20.11.54	1954	-	-	PT	18	-
41905	Pallet Wagon for Fire Bricks-Details of Removable Stanchion	3" to 1' details of 5 components	7.4.55	1955	-	-	PT	160	-
41909	Bulk Cement Wagons-Modification to Solebar and Side Stiffener Brackets Wagon Nos B888007 and B888011 Lot 2769	1½" and 6" to 1' details of components	31.5.55	1955	-	-	PT	160	-
41927	Pallet Wagons for Silica Bricks-Details of Removable Side Boards and Shields	1" and 6" to 1' details of 7 components	4.11.55	1955	-	-	PT	148	-
41928	Pallet Wagons for Silica Bricks-Details of Adjusting Screw	6" to 1' details	2.11.55	1955	-	-	PT	148	-
41930	Pallet Wagons for Silica Bricks-Arrangement of End Support with Adjusting Screws	1½" to 1' arrangement	1.11.55	1955	-	-	PT	148	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
41931	Pallet Wagons for Silica Bricks-Modifications to Underframe	1½", 3" and 6" to 1' part plan of underframe and details of 5 components	7.11.55	1955	-	-	PT	148	-
41932	Pallet Wagons for Silica Bricks-Details of End Support	3" and 6" to 1' details of 10 components	21.11.55	1955	-	-	PT	148	-
41942	Liverpool St/Shenfield Electric Stock-Position of Oil Hole for Sliding Door Roller	Full size section and elevation of door	5.6.56	1956	-	-	TP	161	3
41957	Mishap at Yarmouth Vauxhall 10 August 1965	1/8" to 1' outline elevations and plan of two trains 8.24.am Passenger train Liverpool St-Yarmouth Vauxhall and 12.26pm Norwich to Yarmouth Vauxhall	20.8.56	1956	-	-	TP	159	3
41972	Liverpool St/Southend Electric Stock-Sketch and Position of Fracture in Bogie Solebar	3" to 1' sketch, appears to be unfinished	29.3.57	1957	-	-	TP	164	3
41983	Liverpool St/Southend Electric Stock-Modification to Swing Rod Suspension	3" to 1' end sectional elevation of suspension	29.5.57	1957	-	-	TP	161	3
41983	Liverpool St/Southend Electric Stock-Modification to Swing Rod Suspension	3" to 1' end sectional elevation of suspension	29.5.57	1957	-	-	TP	161	3
41984	Liverpool St/Southend Electric Stock-Details of Modifications to Swing Rod Suspension	6" to 1' details of 6 components	4.6.57	1957	-	-	TP	161	3
41995	Liverpool St/Southend Electric Stock-Details of Roof Sheets Transition Sheet	1½" to 1' details of roof sheets	28.5.59	1959	-	-	TP	161	3
42003	Liverpool St/Southend Electric Stock-Conversion to 25KV-Purlins for Low Roof	3" to 1' and full size elevations	27.4.59	1959	-	-	TP	165	3
42004	Liverpool St/Southend Electric Stock-Modified Centre Buffer	3" to 1' elevations and plan Endorsed: see tracing same number, dated 18.9.57	23.10.57	1957	-	-	TP	161	3
42004	Liverpool St/Southend Electric Stock-Modified Centre Buffer	3" to 1' details of 8 components Endorsed: see tracing same number dated 23.10.57	18.9.57	1957	-	-	TP	165	3
42009	Liverpool St/Southend Electric Stock-Tyre Profiles of No 25 Unit Taken Nov.1957	Full size profiles of 8 tyres	6.11.57	1957	-	-	TP	165	3
42013	Liverpool St/Shenfield Electric Stock-Cant Rail Plate for Pantograph End of Trailer Coach	3" to 1' and full size details of plate	10.12.57	1957	-	-	TP	164	3
42014	Liverpool St/Shenfield Electric Stock-Roof Plate Stiffeners and Cantrail Plate for Pantograph End of Trailer Coach	Full size details of 4 components	29.11.57	1957	-	-	TP	164	3
42015	Liverpool St/Shenfield Electric Stock-Roof and Pillar	1½" to 1' and full size details of 4 components	2.12.57	1957	-	-	TP	161	3

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42015	Details	1 1/2" to 1' and full size details of 4 components	5.12.57	1957	-	-	TP	161	3
42016	Liverpool St/Shenfield Electric Stock-Roof Details	3" and 6" to 1' details of 3 components	5.12.57	1957	-	-	TP	165	3
42017	Liverpool St/Shenfield Electric Stock-Doorways Strengthening Plate (Inner)	3" to 1' and full size	19.12.57	1957	-	-	TP	161	3
42018	Liverpool St/Shenfield Electric Stock-Details of Trailer Coach Partition Pillar and Floor Angles	3" to 1' details of floor angle and pillar	20.12.57	1957	-	-	TP	161	3
42019	Liverpool St/Shenfield Electric Stock-Details of Purlins	Full size details of components nos 15 to 21	2.12.58	1958	-	-	TP	165	3
42020	Liverpool St/Shenfield Electric Stock-Details of Roof Sheets	1 1/2" to 1' details of 4 components	31.12.57	1957	-	-	TP	164	3
42021	Liverpool St/Southend Electric Stock-Motor Bogie Frame Details for Compound Bolster Modification	3" to 6" to 1' arrangement and details of 11 components	3.1.58	1958	-	-	PT	148	-
42022	Liverpool St/Southend Electric Stock-Arrangement of Trailer Bogie to Dg SC/DN 21409 Modified to Compound Bolsters	3" to 1' undimensioned sectional side elevations and plan	20.1.58	1958	-	-	TP	161	3
42023	Liverpool St/Southend Electric Stock-Trailer Bogie Bolster-Details for Compound Bolster Modification	3" and 6" to 1' details of 11 components	29.1.58	1958	-	-	PT	148	-
42026	Liverpool St/Southend Electric Stock-Arrangement of Trailer Bogie to Dg SC/DN 21409 Modified to Knife Edge Bolster Suspension	3" to 1' undimensioned sectional elevations and plan of bogie	11.2.58	1958	-	-	TP	161	3
42027	Liverpool St/Shenfield Electric Stock-Miscellaneous Details	3" and 6" to 1' details of 2 components	22.9.58	1958	-	-	TP	165	3
42034	Southend Electric Stock-Suspension of Westalite Rectifier Set, Type 1285	3" and 6" to 1' arrangement and details of brackets	11.3.58	1958	-	-	TP	165	3
42035	Liverpool St/Southend Electric Stock-Modification to Swing Rod Suspension and Bolster Springing on Motor and Trailer Bogies	Full size sectional views	13.3.58	1958	-	-	TP	161	3
42039	Liverpool St/Shenfield Electric Stock-Hand Rail for Driving Ends	Full size details of hand rail	11.4.58	1958	-	-	TP	164	3
42042	Liverpool St/Southend Electric Stock-Modification to Centre Buffer	3" and 6" to 1' elevations and plan	15.4.58	1958	-	-	TP	161	3
42046	Liverpool St/Southend Electric Stock-Dummy Buffer for Use When Vehicles are going Through System for Passing	3" to 1' elevations and plan of buffer	30.4.58	1958	-	-	TP	161	3
42048	Finisnap at Farningham's Crossing, Whitbysea 27th April 1958-Formation of 11.20am Passenger Train from March to Peterborough	1/16" to 1' plan of 4 coach train, engine No 61653	3.5.58	1958	-	-	PT	11	-
42053	Liverpool St/Southend Electric Stock-Modified Bolster Suspension and Centre Buffer Stem Details	6" to 1' details of 7 components	29.6.58	1958	-	-	PT	160	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42055	Liverpool St/Southend Electric Stock-Modified Bearing Spring Eyebolt for Motor Bogies	Full size details of eyebolt	3.6.58	1958	-	-	PT	148	-
42056	Liverpool St/Shenfield Electric Stock-Position of Handrails and Step Irons	¾" to 1' end elevation showing handrails	11.6.58	1958	-	-	PT	148	-
42057	Liverpool St/Shenfield Electric Stock-Details of Step Iron	3" to 1' elevations of step iron and step iron plate	2.6.58	1958	-	-	PT	148	-
42061	Liverpool St/Southend Electric Stock-End view Showing New Low Roof Position of Destination Indicator and New Route Indicator	1½" to 1' elevations of indicator	5.7.58	1958	-	-	TP	164	3
42063	Liverpool St/Shenfield Electric Stock-Conversion to 25KV-Diagram Showing Position of Circuit Breaker in Guards and Luggage Compartment	¾" to 1' elevation of guards and luggage compartment	6.8.58	1958	-	-	TP	165	3
42067	Liverpool St/Shenfield Electric Stock-'Lister Trolley' Cradle for Carrying Sections of Roofs	Full size details of cradle	21.8.57	1957	-	-	TP	165	3
42068	Liverpool St/Shenfield Electric Stock-Conversion to 25KV-Details	Full size details of 6 components	26.8.58	1958	-	-	TP	164	3
42069	Liverpool St/Shenfield Electric Stock-Details of Strengthening Angles for Trailer Coach Bogies	3" to 1' details of 2 angles	10.9.58	1958	-	-	TP	164	3
42070	Liverpool St/Shenfield Electric Stock-Bearing Spring Eyebolt for Trailer Bogies	Full size elevation of spring and eyeboly	11.9.58	1958	-	-	PT	160	-
42073	Liverpool St/Southend Electric Stock-Spring Plank Strengthening Angle for Bogies	6" to 1' elevations of angle	- .9.58	1958	-	-	TP	161	3
42074	Suburban Electric Stock-Proposed 'Learner Driver' Seat	Full size details of proposed seat	22.9.58	1958	-	-	TP	164	3
42075	Liverpool St/Shenfield Electric Stock-Arrangement of Route Indicator	1½" and 3" to 1' detail of indicator and position	7.10.58	1958	-	-	TP	161	3
42076	Liverpool St/Southend Electric Stock-Sketch Showing Position of Fracture in Bogie Bolster	Unscaled side elevation of solebar	7.10.58	1958	-	-	TP	165	3
42078	Standard Coach Glass-Drivers Cab Suburban Stock (Electric)	3" to 1' elevations of glass and identifying mark	16.10.58	1958	-	-	TP	165	3
42080	Liverpool St/Shenfield Electric Stock-Electro Pneumatic Valve Cover	Full size elevations and plan of cover	20.10.58	1958	-	-	TP	165	3
42081	Liverpool St/Shenfield Electric Stock-Miscellaneous Body Details	Full size details of 5 components	22.10.58	1958	-	-	TP	165	3
42084	Liverpool St/Southend Electric Stock-Arrangement of Spring Plank Strengthening for Motor and Trailer Bogies	3" to 1' elevations and plan	3.11.58	1958	-	-	TP	164	3
42085	Liverpool St/Shenfield Electric Stock-Indicator Marker Light Panels	6" to 1' outline of panels	7.11.58	1958	-	-	TP	165	3

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42090	Details of Deflection Test at Stratford on 22 November 1958	Sketch and table	24.11.58	1958	-	-	TP	165	3
42091	Liverpool St/Shenfield Electric Stock-Sketch Showing Additional Commodes and Stepboard Repositioned	¾" to 1' outline side elevation of carriage at guards end	9.9.58	1958	-	-	TP	164	3
42094	Sketch Showing Position of 1,000 Volt DC Junction Boxes and Jumpers	¾" to 1' end elevations of rectifier driving trailer and motor car	29.12.58	1958	-	-	TP	165	3
42096	Liverpool St/Southend Electric Stock-Proposed Arrangements for Fitting Double Slam Locks to ~~Passenger Doors~~	Full size elevations and sections of locks	13.2.59	1959	-	-	TP	165	3
42099	Liverpool St/Shenfield Electric Stock-Additional Commodes for Guards Door	3" to 1' details of two types of commodes	2.3.59	1959	-	-	TP	161	3
42102	(Liv St/Southend Electric Stock-Conversion to 25KV-Carlins Low Roof)	Full size details	19.3.59	1959	-	-	TP	157	3
42103	Liverpool St/Shenfield Electric Stock-Details of Buffing and Drawgear	3" and 6" to 1' details of 5 components	20.3.59	1959	-	-	PT	160	-
42105	Liv St/Shenfield Electric Stock-Experimental AWS Equipment on Driving Trailer	3" to 1' side elevation showing equipment	1.4.59	1959	-	-	TP	157	3
42106	Liv St/Shenfield Electric Stock-Arrangement of Experimental ATC in Cab Driving Trailer	3" to 1' arrangement in cab	6.4.59	1959	-	-	TP	158	3
42106	Liv St/Shenfield Electric Stock-Arrangement of ATC in Cab Driving Trailer	3" to 1' end and side elevations Endorsed: experimental one set only not carried out, for future see later drawings	8.5.59	1959	-	-	TP	159	3
42107	Liv St/Shenfield Electric Stock-Arrangement of Experimental AWS Equipment on Motor Bogie	3" to 1' side elevation of equipment	7.4.59	1959	-	-	TP	157	3
42112	Liv St/Southend Electric Stock-Electric Stock-Arrangement of Low Roof	1½" to 1' plan of roof structure	15.4.59	1959	-	-	TP	157	3
42113	Liv St/Southend Electric Stock-Conversion to 25KV-New Cant Rails-Low Roof	1½" to 1' elevation of cant rail	6.4.59	1959	-	-	TP	157	3
42115	Liv St/Southend Electric Stock-Conversion to 25KV-Details of Arch Rail and End Capping Angle	3" to 1' sections of arch rail	20.4.59	1959	-	-	TP	158	3
42119	Liv St/Shenfield Electric Stock-Arrangement of ATC in Cab Driving Trailer	3" to 1' elevations of equipment	14.5.59	1959	-	-	TP	157	3
42120	Liverpool St/Shenfield Electric Stock-AWS Suspension on Motor and Trailer Bogies	6" to 1' and full size details of 5 components	25.5.59	1959	-	-	PT	160	-
42121	Liv St/Southend Electric Stock-Details of Purlins Low Roof	6" to 1' details of 6 purlins	3.6.59	1959	-	-	TP	157	3
42122	Liv St/Shenfield Electric Stock-Conversion to 25KV-	6" to 1' details of base plate	5.6.59	1959	-	-	TP	157	3

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42122	Details for HT Bushing Support	6" to 1' details of base plate	5.6.59	1959	-	-	TP	157	3
42123	Liv St/Southend Electric Stock-Conversion to 25KV-Route Indicator Panel	6" to 1' elevation of No 12 SWG panel	9.6.59	1959	-	-	TP	157	3
42124	Liv St/Southend Electric Stock-Modification of End for Fitting Four Digit Route Indicator	3" and 6" to 1' sectional views of end	10.6.59	1959	-	-	TP	157	3
42125	Liverpool St/Shenfield Electric Stock-Modified Arrangement of Roof Framing at Pantograph End	1½" to 1' and full size plan and sectional end elevations	15.6.59	1959	-	-	PT	160	-
42126	Liverpool St/Shenfield/Southend Electric Stock-Conversion to 25KV-Gen. Arrangement of HT Bushing Mounting on Low Roof	6" to 1' elevation and plan of equipment	16.6.59	1959	-	-	TP	161	3
42128	Liverpool St/Shenfield Electric Stock-Arrangement of Bodyside Structure in Guards Compartment	1" to 1' elevation and plans	19.6.59	1959	-	-	PT	160	-
42129	Liv St/Shenfield Electric Stock-Floor Structure in Guards Compartment	¾" to 1' and full size elevations and sections	22.6.59	1959	-	-	TP	157	3
42130	Liv St/Shenfield Electric Stock-Corner Panel in Drivers Cab for ATC and Loudaphone Equipment	Full size elevation	24.6.59	1959	-	-	TP	159	3
42131	Liv St/Shenfield Electric Stock-Arrangement of Corner Panel and Equipment in Drivers Cab	3" to 1' drivers view of equipment	25.6.59	1959	-	-	TP	157	3
42132	Liv St/Shenfield Electric Stock-End Structure of Guards Compartment	3" to 1' sectional end elevation	25.6.59	1959	-	-	TP	159	3
42133	Liv St/Shenfield Electric Stock-Spring for Sliding Window	Spring shown twice full size	26.6.59	1959	-	-	TP	157	3
42134	Liverpool St/Southend Electric Stock-Arrangement of Loudaphone and ATC Equipment in Drivers Cab	3" to 1' elevation and plan of cab	2.7.59	1959	-	-	TP	161	3
42136	Liverpool St/Southend Electric Stock-Details of Support Panel for Loudaphone and ATC Equipment in Drivers Cab	Full size details of panel	21.7.59	1959	-	-	PT	160	-
42137	Liv St/Southend Electric Stock-End View Showing Position of Junction Boxes as Supplied by S.R.	1½" to 1' end views of No 1 end driving trailer 3rd and No 2 end motor brake 3 rd	21.7.59	1959	-	-	TP	157	3
42139	Liv St/Southend Electric Stock-Conversion to 25KV-Arrangement of Battery Box Transferred from Motor Coach to Driving Trailer	3" to 1' elevations of box and means of fixing	29.7.59	1959	-	-	TP	157	3
42141	Liverpool St/Southend Electric Stock-Arrangements and Details of Suspension of MG and Brake Reservoir on Rectifier DT	3" to 1' details of 8 components	4.8.59	1959	-	-	PT	160	-
42142	Liverpool St/Southend Electric Stock-Arrangement of Equipment Transferred from Motor Coach to Rectifier Driving Trailer	¾" to 1' outline elevation and plan of underframe	5.8.59	1959	-	-	PT	160	-
42143	(Liv St/Southend Electric Stock-Arrangement and	3" to 1' details of 2 components	12.8.59	1959	-	-	TP	157	4

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42145	Details of Suspension for MG Resistance)	My comment: tracing torn at right side	13.8.59	1959	-	-	TP	157	-
42147	Liverpool St/Southend Electric Stock-Conversion to 25KV-Auxiliary Equipment Box	1" and 6" to 1' detail of box and fittings	14.8.59	1959	-	-	TP	161	3
42151	Liv St/Southend Electric Stock-Proposed Centre Buffer Face Plate	3" to 1' elevations	28.8.59	1959	-	-	TP	159	3
42152	Liv St/Southend Electric Stock-Conv to 25KV-Arrangement and Detail of Contactor and Fuse Box	3" and 6" to 1' and full size arrangement with details of 11 components	1.9.59	1959	-	-	TP	159	3
42154	Liv St/Southend Electric Stock-Details of Suspension for Transformers	Full size and 3" and 6" to 1' details of 7 components	11.9.59	1959	-	-	TP	157	3
42154	Liv St/Southend Electric Stock-Con to 25KV-Details of Brackets for Suspension of Transformer	6" to 1' and full size details of 4 brackets	11.9.59	1959	-	-	TP	157	3
42156	Liv St/Southend Electric Stock-Conv to 25KV-General Arrangement and Suspension Detail for Contactor and Fuse Box	3" to 1' arrangement with details	18.9.59	1959	-	-	TP	159	3
42157	Liv St/Shenfield Electric Stock-Arrangement and Details of Suspension for Rectifier	6" to 1' and full size details of 3 components	21.9.59	1959	-	-	TP	157	3
42157	Liv St/Shenfield Electric Stock-Arrangement and Details of Suspension for Rectifier	3" and 6" to 1' details of 4 components	21.9.59	1959	-	-	TP	159	3
42158 -2	Liverpool St/Shenfield Electric Stock-Anti Friction Liner for Centre Buffer Face Plate (Mintex)	6" to 1' plan view	2.10.59	1959	-	-	TP	159	3
42158	Liverpool St/Southend Electric Stock-Proposed Centre Buffer Faceplate	3" to 1' details and elevation	18.9.59	1959	-	-	PT	160	-
42158 -1	Liverpool St/Southend Electric Stock-Mild Steel Liner for Centre Buffer Faceplate	6" to 1' details and elevations	3.10.59	1959	-	-	PT	160	-
42162	Liverpool St/Southend Electric Stock-Con to 25 KV-General Arrangement and Suspension Detail for Resistance Box Motor Coach	3" to 1' arrangement and 6" to 1' details of suspension Endorsed: retraced on linen 20.10.64	30.9.59	1959	-	-	PT	160	-
42165	Liv St-Shenfield Electric Stock-Pillar Repair Piece	Full size details of component in No 12 gauge plate	19.10.59	1959	-	-	TP	157	3
42168	Liv St/Shenfield Electric Stock-Proposed Method of Repairing Cracked Bottom Stiffening Angles on Solebars of Motor Bogies	3" to 1' side elevation Endorsed: not required see Dg No 2871 ICDN	27.10.59	1959	-	-	TP	159	3
42169	Liv St/Shenfield Electric Stock-Arrangement of Grille and Trunking for Rectifier Air Inlet Duct	Full size elevations and section	30.10.59	1959	-	-	TP	158	3

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42170	Liverpool St/Shenfield Electric Stock-Conversion to 25KV AC-Cable Through Box	Full size elevations of box	5.11.59	1959	-	-	PT	160	-
42173	Liv St/Shenfield Electric Stock-Arrangement of Rectifier Air Inlet Ducting	3" to 1' elevations and section Endorsed: see later copy	13.11.59	1959	-	-	TP	159	3
42175	Liv St/Shenfield Electric Stock-Arrangement and Details of Suspension for Rectifier Air Inlet Ducting	3" to 1' details of 7 components Endorsed: superseded	25.11.59	1959	-	-	TP	158	3
42178	Liv St/Shenfield Electric Stock-Conversion to 25KV-Arrangement and Detail of Modified EP Valve Support	3" and 6" to 1' details and arrangement	21.12.59	1959	-	-	TP	159	3
42179	Liv St/Shenfield Electric Stock-Conversion to 25KV-Arrangement and Detail of Brackets for Suspension of HT Cable	1" to 1' and full size details	21.12.59	1959	-	-	TP	157	3
42180	Liv St/Shenfield Electric Stock-Sketch Showing Position of Doors, Commodes and Stepboards	¾" to 1' part side elevations at guards van ends showing fittings	23.12.59	1959	-	-	TP	159	3
42181	Liv St/Shenfield Electric Stock-Conversion to 25KV-Details of Brake Cylinder Levers	3" to 1' details of 2 types of lever	29.12.59	1959	-	-	TP	159	3
42182	Liv St/Shenfield Electric Stock-Conv. to 25KV-Extension and Modification to Cover and Cover Frame Suspension for EP Valve	3" and 6" to 1' details of components	29.12.59	1959	-	-	TP	157	3
42183	Liv St/Shenfield Electric Stock-Conversion to 25KV-Arrangement and Detail of Suspension of Choke	3" to 1' and full size details of 4 components and plan view	6.1.60	1906	-	-	TP	159	3
42184	Liv St/Shenfield Electric Stock-Conv to 25KV-Details of Mounting for Potential Measuring Device	3/8" to 1' plan view Endorsed: supersedes Dg No 42072/2	7.1.60	1960	-	-	TP	159	3
42185	Liv St/Shenfield Electric Stock-Conv to 25KV-Arrangement Plus Detail for Suspension of Oil Cooler	3" to 1' arrangement and full size details	8.1.60	1960	-	-	TP	159	3
42187	Liv St/Shenfield Electric Stock-Arrangement and Details of Suspension of Fan	6" to 1' and full size elevations and section	1.1.60	1960	-	-	TP	159	3
42188	Liv St/Shenfield Electric Stock-Conv to 25KV-Details of Eyebolt and Link for Lifting Transformers	Full size details of eyebolts and link	12.1.60	1960	-	-	TP	159	3
42190	Liverpool St/Shenfield Electric Stock-Conv to 25KV-Position of New Master Controller and Modified Switch Box in Drivers Cab	3" to 1' elevation of drivers position	15.1.60	1960	-	-	TP	161	3
42192	Liv St/Shenfield Electric Stock-Conv. to 25KV-Layout of New Frame Equipment Driving Trailers	1" to 1' plan of underframe and position of transformers	21.1.60	1960	-	-	TP	157	3
42204	Liv St/Shenfield Electric Stock-Con. to 25KV-Box for Air Ducting Pressure Switch	Full size elevations and sections	27.1.60	1960	-	-	TP	158	3
42209	Liverpool St/Southend Electric Stock-Tyre of Profiles of No 25 Unit Taken November 1957	Full size profiles of 8 tyres	6.11.57	1957	-	-	TP	165	3
42221	Liv St/Shenfield Electric Stock-Conversion to 25KV-Mounting Details for Equipment in LH Aux Cupboard in Guards Van	3" to 1' elevations and plan	4.2.60	1960	-	-	TP	159	3

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42229	Liv St/Shenfield Electric Stock-Sketch showing Modification to Frame Drivers Cab for Supporting Controller, Switch Box and Connection Box	6" to 1' details of components and layout	16.2.60	1960	-	-	TP	158	3
42230	Liverpool St/Shenfield Electric Stock-Con to 25KV- Arrangement and Details of Cleat Positions for Suspension of PCP Cable	1" and 3" to 1' outline plan view and details of 4 components	18.2.60	1960	-	-	TP	161	3
42231	Liverpool St/Shenfield Electric Stock-Con. to 25KV- Details of Cleats for Suspension of PCP Cable	6" to 1' details of cleats	18.2.60	1960	-	-	TP	165	3
42234	Liverpool St/Shenfield Electric Stock-Arrangement of Suspension of AVR and Transductor	3" to 1' arrangement	24.2.60	1960	-	-	TP	161	3
42235	Liverpool St/Shenfield Electric Stock-Details of Suspension of AVR and Transductor	6" to 1' details of 9 components	25.2.60	1960	-	-	TP	164	3
42238 Sheet 1	Liverpool St/Shenfield Electric Stock-Con. to 25KV- General Arrangement and Details of Auxiliary Equipment Cupboard in Brake Compartment	1½" and 3" to 1' arrangement and details of components 1 to 11	9.3.60	1960	-	-	TP	164	3
42238 Sheet 2	Liverpool St/Shenfield Electric Stock-Con. to 25KV- General Arrangement and Details of Auxiliary Equipment Cupboard in Brake Compartment	3" to 1' and full size details of components 12 to 27	9.3.60	1960	-	-	TP	164	3
42240	Liv St/Southend Electric Stock-Arrangement of AWS Equipment on Leading Bogie	3" to 1' elevation and plan	11.3.60	1960	-	-	TP	159	3
42242	Liv St/Southend Electric Stock-Details of Brackets for Suspension of AWS Equipment on Leading Bogies	6" to 1' and full size details of 5 components	14.3.60	1960	-	-	TP	159	3
42292	Liverpool St/Shenfield Electric Stock-Conversion to 25KV-Box for Earthing Switch Handles	6" to 1' elevations	11.4.60	1960	-	-	TP	165	3
42294	Liverpool St/Southend Electric Stock-Conversion to 25KV-Arrangement of HT Cable in Guards Compartment	1½" to 1' sectional elevations of guards compartment	13.4.60	1960	-	-	PT	160	-
42295	Liverpool St/Shenfield Electric Stock-Conversion to 25KV-Details of Pantograph Shield	6" to 1' elevations of pantograph shield	19.4.60	1960	-	-	TP	165	3
42297	Liverpool St/Shenfield Electric Stock Extension- Arrangement and Details of Suspension of Battery Box	3" to 1' arrangement and details of 4 components	25.4.60	1960	-	-	PT	148	-
42299	Liverpool St/Shenfield Electric Stock-Con to 25KV- Details of Permanent Handles for Switches	Full size details of handles	28.4.60	1960	-	-	TP	165	3
42309	Liverpool St/Shenfield Electric Stock Extension- Arrangement of Suspension of Rectifier and Oil Cooler and Ducting	3" to 1' arrangement of suspension	1.6.60	1960	-	-	PT	160	-
42311	Liv St/Shenfield Electric Stock-Details of Linings for Arc Chutes	3/8" to 1' and full size details of 6 components	3.6.60	1960	-	-	TP	158	3
42315	Liv St/Shenfield Electric Stock-Details of Air Duct Louvre Bodyside	3/8" to 1' and full size details and section of components	24.6.60	1960	-	-	TP	158	3

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42316	Liverpool St/Shenfield Electric Stock Extension-Layout of Air Intake Ducting in Compartment	3" to 1' arrangement of air intake	27.6.60	1960	-	-	PT	160	-
42318	Liv St/Shenfield Electric Stock Extension-Arrangement and Details of Air Intake Ducting	3" to 1' elevations of ducting and details	5.7.60	1960	-	-	TP	158	3
42318 Part	Liv St/Shenfield Electric Stock-Ducting	3" to 1' details of frame covered with wire mesh My comment: an unfinished drawing	27.11.61	1961	-	-	TP	158	3
42320	Liv St/Shenfield Electric Stock Extension-Arrangement and Details of Grille for Air Intake Ducting	6" to 1' and full size elevations and sections	8.7.60	1960	-	-	TP	158	-
42322	Liv St/Shenfield Electric Stock Extension-Arrangement and Details of Suspension of Intake Ducting	3" and 6" to 1' details of 7 components	19.1.60	1960	-	-	TP	158	3
42323	~~Liverpool St/Shenfield Electric Stock Extension-~~ Arrangement and Details of Ducting Between Fan and Rectifier	6" to 1' arrangement and details	26.7.60	1960	-	-	PT	160	-
42326	Liv St/Shenfield Electric Stock Extension-Arrangement and Details of Suspension of AVR	3" and 6" to 1' elevations and plan of assembly	8.8.60	1960	-	-	TP	158	3
42326	Liv St/Shenfield Electric Stock-Arrangement of ATC in Cab Driving Trailer	3" to 1' elevations	11.8.60	1960	-	-	TP	158	3
42337	Liv St/Shenfield Electric Stock Extension-Details of Suspension of Choke and Transductor	Full size details of 11 components	16.11.60	1960	-	-	TP	158	3
42338	Liv St/Shenfield Electric Stock Extension-Arrangement of Suspension of Choke and Transductor	3" to 1' arrangement	16.11.60	1960	-	-	TP	158	3
42344	Liv St/Shenfield Electric Stock-Suspension Bracket for Choke and Capacitor	3" to 1' details of bracket	26.1.61	1961	-	-	TP	158	3
42348	Liv St/Shenfield Electric Stock-Gasket for Pantograph Valve in Brake Van 25KV	Full size plan of gasket	9.2.61	1961	-	-	TP	158	3
42358	Liverpool St/Shenfield Electric Stock Extension-Arrangement of HT Cable Suspension	3" to 6" to 1' elevations	23.5.61	1961	-	-	TP	161	3
42359	Liv St/Southend Electric Stock-Details of Drivers Instrument Panel	Full size details of components in 14SWG plate	18.5.61	1961	-	-	TP	158	3
42363	Liv St/Shenfield Electric Stock Extension-APC Box	Full size elevations and plan	12.6.61	1961	-	-	TP	158	3
42368	Liv St/Shenfield Electric Stock Extension-Arrangement of Louda-phone Housing in Guards Van	6" to 1' elevations and plan	20.6.61	1961	-	-	TP	158	3
42371	Liv St/Shenfield Electric Stock Extension-Arrangement and Details of Suspension of Equipments	1½" and 3" to 1' details of 7 assemblies	1.7.61	1961	-	-	TP	158	3
	Liverpool St/Southend Electric Stock-Proposed	3" and 6" to 1' arrangement and details of							

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42392	Arrangement and Details for Fitting Two Tone Warning Device	3" and 6" to 1' arrangement and details of components	14.11.61	1961	-	-	PT	160	-
42393	Liverpool St/Southend Electric Stock-Sketch of Receiver, Junction Box, Suspension Plate Modified from Dg 42242 item 3	3" to 1' sketch Endorsed: superseded by Dg No 42424	4.12.61	1961	-	-	TP	161	3
42396	Ferobestos Pad for Drawbar for Inner Ends-Liv St/Southend Electric Stock Traced from DN21773 ref DN21776	Full size elevations and plan of pad	22.12.62	1962	-	-	TP	157	3
42397	Liverpool St/Shenfield Electric Stock-Proposed Arrangement and Details for Fitting Two Tone Warning Device	3" and 6" to 1' arrangement and details of components	29.12.61	1961	-	-	PT	160	-
42398	Liv St/Shenfield (1949) Electric Stock-Layout of AWS Equipment in Shenfield 1949 Stock Drivers Cabs, Motor and Trailer Coach Ends	1 1/2" to 1' elevations of trailer coach end and motor coach end	6.5.63	1963	-	-	TP	158	3
42399	Shenfield Electric Stock-Proposed Layout of Blockboard Supports for AWS Equipment	1/8" and 1/2" to 1' and full size elevations and section	22.1.62	1962	-	-	TP	158	3
42400	Loudaphone Support-Details and Positioning in Drivers Cab-Shenfield 1949 Stock	1 1/2" and 3" to 1' and full size arrangement and details	1.2.62	1962	-	-	TP	164	3
42403	Arrangement of Dirt Collectors and AWS Piping in Main Air Braking System Motor Coach Only	Isometric view of pipework	5.2.62	1962	-	-	TP	165	3
42404	Proposed New Door Arrangement for Guards Van on Shenfield 1949 Stock	3" to 1' sectional views of existing and proposed doors Endorsed: superseded by Doncaster Dg No DN30838	7.2.62	1962	-	-	TP	164	3
42407	Timber Baffle Boxes for AWS Horn and Bell	3" to 1' elevations of boxes	15.2.62	1962	-	-	PT	160	-
42408	Jigs for Welding Liner on Timkin Axle-Southend Unit 105	3" to 1' arrangement of jigs	22.3.62	1962	-	-	TP	165	3
42413	Shenfield 1949 Stock-Protection Bar for and Junction Box	6" to 1' details of 5 components and an assembly attached to underframe Endorsed: for full arrangement see Dg No 42414 My comment: part of title missing; an unfinished drawing	9.3.62	1962	-	-	TP	159	3
42414	Arrangement of Junction Box, Protection Bracket,	3" and 6" to 1' arrangement	16.3.62	1962	-	-	PT	148	-

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
42414	AWS and Dirt Collector Brackets for Underframes	3" and 6" to 1' arrangement	16.3.62	1962	-	-	TP	148	-
42416	Component Securing Positions-Shenfield AWS	1½" to 1' two sectional end elevations of trailer end and motor end	22.3.61	1961	-	-	TP	165	3
42417	Positioning of Equipment-Bolt Holes in Shenfield Stock Cabs AWS Conversion	1½" to 1' dimensions for trailer end and motor end on outline profile of coach Endorsed: this drawing supersedes Dg No 42416	29.3.62	1962	-	-	TP	164	3
42420	View Showing the Alignment of Junction Box on the Southend Stock Underframe AWS Conversion	3" to 1' side elevation Endorsed: this elevation will now replace the elevation on Dg No 42240	5.4.62	1962	-	-	TP	165	3
42424	Suspension Bracket for AWS Junction Box Southend Stock	6" to 1' arrangement and isometric view	25.4.62	1962	-	-	TP	164	3
42426	AWS Indicator Bracket Assembly Southend Stock AWS Conversion	½" and ¾" to 1' views of assembly	7.5.62	1962	-	-	TP	164	3
42427	Positioning of Receiver Bracket on LTS Bogie APC for 1956 Stock 05 Unit Only	3" to 1' details of bracket and position	15.5.62	1962	-	-	TP	165	3
42428	Compressor Governor Bracket-Shenfield 1949 Stock	¾" to 1' elevations and plan	18.5.62	1962	-	-	TP	164	3
42429	Dirt Collector Bracket for Southend Stock AWS Conversion	6" to 1' elevations and plan	21.5.62	1962	-	-	TP	164	3
42435	Positioning of Footsteps on 05 Unit Bogies-Drivers and Guards End	1½" and 3" to 1' elevations and sections	12.6.62	1962	-	-	PT	148	-
42438	Sketch showing Position of Additional Conduit on Underframe of 1949 Shenfield Electric Stock Motor Coach	<u>Unscaled</u> sketch	18.5.62	1962	-	-	TP	164	3
42440	Liverpool St/Shenfield Electric Stock-Arrangement of Modified Rectifier Air Intake Ducting	1½" to 1' elevations and plan	10.8.62	1962	-	-	TP	164	3
42440	Untitled	1½" to 1' part plan of underframe My comment: drawing appears to be unfinished	10.8.62	1962	-	-	TP	165	3
42442	AWS Receiver Bracket 05 Unit Only	6" to 1' and full size arrangement and details of bracket	20.8.62	1962	-	-	PT	148	-
42444	AWS Receiver Bracket 05 Unit	6" to 1' and full size arrangement and details	4.9.62	1962	-	-	PT	148	-
42445	Liverpool St/Shenfield Electric Stock-Details of Louvre/Filter Case Retaining Frame for Rectifier Air Intake Ducting	3" and 6" to 1' details of components	10.9.62	1962	-	-	PT	148	-
42448	Liverpool St/Southend Electric (1956) Stock-Provisional Arrangement of Modified Rectified Air	3" to 1' arrangement of ducting Endorsed: superseded by 42453 22.10.62	25.9.62	1962	-	-	TP	164	3

Photo Tracings Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Intake Ducting	My comment: drawing appears to be unfinished							
42453	Liverpool St/Southend Electric Stock (1756 Stock)- Arrangement and Details of Modified Rectifier Air Inlet Ducting	1½" and 3" to 1' arrangement and details of 5 components	22.10.62	1962	-	-	TP	165	3
42458	Liverpool St/Shenfield Electric Stock-Details of Modified Rectifier Air Intake Ducting	1½" and 3" to 1' and full size details of 9 components	6.11.62	1962	-	-	TP	164	3

Liquid Fuel Photo Tracings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
131LF	Arrangement for Burning Liquid Fuel on Engine No 281	1½" to 1' elevations and plan of engine showing arrangement of apparatus in tank	- .6.86	1886	T18	J66	PT	149	-
138LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent -on Stationary Boiler	1½" to 1' section of boiler and elevation of apparatus	- .1.90	1890	-	-	PT	149	-
139LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent-on Vertical Boiler	1½" to 1' elevation and sections of boiler and apparatus	- .1.90	1890	-	-	PT	149	-
153LF	Holden's Patent Combined Liquid Fuel Injector and Air Ejector for Working the	Full size elevations and sections	-	-	-	-	PT	149	-
156LF	Holden's Patent Liquid Fuel Apparatus-Valve for Fuel	Full size undimensioned details of valve	6.8.98	1898	-	-	PT	150	-
174LF	Arrangement for Liquid Fuel Valves Engines 760 Class	6" to 1' details of arrangement of valves	3.11.92	1892	-	-	PT	149	-
184LF	Liquid Fuel Burning Apparatus on Express Locomotive-Holden's Patent	1" to 1' arrangement of apparatus in relation to 2-4-0 engine with fuel tank on tender	29.8.91	1891	-	-	PT	150	-
200LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Strainers for Liquid Fuel Tanks	Full size elevations of outer and inner strainers	18.9.94	1894	-	-	PT	150	-
206LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Applied to Furnace for Melting Brass	1½" to 1' sectional elevation and plan of apparatus	28.11.94	1894	-	-	PT	150	-
210LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fire Hole Door and Screen for	6" to 1' elevation and section of fire hole door	-	-	-	-	PT	150	-
212LF	Liquid Fuel Burning Apparatus-Holden's Patent-Standard Steam Fitting (Small) for	Full size elevations of fitting	- .1.95	1895	-	-	PT	150	-
214LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Water Tube Boiler	3" to 1' arrangement on outline of boiler	23.1.95	1895	-	-	PT	149	-
216LF	Arrangement for Burning Liquid Fuel-Holden's Patent-on Lancashire Boilers	1" to 1' end elevation of boiler and section	31.1.95	1895	-	-	PT	149	-
217LF	Liquid Fuel Burning Apparatus-Holden's Patent-Steam Fitting for Stationary Blrs.	Full size elevations of steam fitting	31.1.95	1895	-	-	PT	150	-
218LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Small Lancashire Boiler	3" to 1' end elevation of boiler and sectional side elevation	5.2.95	1895	-	-	PT	149	-
221LF	Liquid Fuel Burning Apparatus-Holden's Patent-Applied to Small Launch Boiler	3" to 1' arrangement	28.2.95	1895	-	-	PT	149	-
222LF	Holden's New Patent Combined Liquid Fuel Injector and Air Ejector Locomotive Pattern	Full size elevations and sections	4.10.97	1897	-	-	PT	154	-
	Holden's New Patent Combined Liquid Fuel	Full size elevations and sections							

Liquid Fuel Photo Tracings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
222LF	Holden's New Patent Combined Liquid Fuel Injector and Air Ejector Locomotive Pattern	Endorsed: Cancelled	-	-	-	-	PT	149	-
223LF	Holden's New Patent Liquid Fuel Injector Stationary Pattern	Full size elevations and section	-	-	-	-	PT	154	-
225LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Details of Tubes and Ferrules for	Full size details of injector and 3 ferrules	-	-	-	-	PT	154	-
229LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent-on Boiler for Torpedo Boat	1½" to 1' sectional view of boat and firebox and front of boiler	-	-	-	-	PT	154	-
229LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent-on Boiler for Torpedo Boat	1½" to 1' undimensioned sectional view of boat and firebox and front of boiler and	29.7.97	1897	-	-	PT	154	-
231LF	Apparatus for Burning Liquid Fuel-Holden's Patent Fitted to Portable Boiler	3" to 1' front of boiler and section of fire box	20.5.95	1895	-	-	PT	154	-
232LF	Apparatus for Burning Liquid Fuel-Holden's Patent Fitted to Portable Boiler	3" to 1' front of boiler and section of fire box	21.5.95	1895	-	-	PT	154	-
238LF	Yarrow Water Tube Boiler for Steam Launch by Messrs. G.E. Bellis & Co., Birmingham	3' to 1' cross section, front elevation and sectional elevations	-	-	-	-	PT	154	-
240LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Metre Gauge Locomotive	3" to 1' sectional views and front of boiler	20.11.95	1895	-	-	PT	154	-
244LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Small Marine Boiler	3" to 1' front elevation of boiler and detail of valves	12.12.99	1899	-	-	PT	154	-
249LF	Apparatus for Burning Liquid Fuel-Holden's Patent-on Small Marine Boiler	1 to 10 scale front elevation and section of firebox	28.2.96	1896	-	-	PT	154	-
267LF	Liquid Fuel Filling Posts	1½" to 1' arrangement of post, valve and foundation and 6" to 1' details of fittings	11.5.98	1898	-	-	PT	154	-
280LF	Liquid Fuel Storage at Stratford-General Arrangement	1/8" to 1' layout of elevated and underground tanks, filling posts, etc.	29.5.97	1897	-	-	PT	154	-
281LF	Diagram of Gradients London (Liverpool Street) to Cromer-via Wensum Curve	½" to 1 mile horizontal scale	2.9.97	1897	-	-	PT	154	-
281LF	Make Up of the London & Cromer Special Express 1897	(1/16" to 1') outline side elevation of 10 vehicle train drawn by 2-2-2 oil fuelled engine	-	1897	-	-	PT	154	-
290LF	Arrangement of Liquid Fuel Burning Apparatus on Standard Single Express	¾" to 1' side and end elevations of engine and tender No 1004, plan and section of	17.8.97	1897	F32	-	PT	154	-
293LF	Standard Arrangement of Oil Fuel Burning Apparatus-Holden's Patent System for	1½" to 1' sections of fire box and fuel pipe arrangement	15.12.97	1897	-	-	PT	154	-

Liquid Fuel Photo Tracings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Traction Engines Rhodesia Transport Port	arrangement							
302LF	Arrangement of Fire Brick Arch for Locomotives Burning Liquid Fuel on	1½" to 1' sectional views of fire box	12.5.98	1898	-	-	PT	154	-
304LF	Holden's Patent Liquid Fuel Burning Apparatus Fitted to Thornycroft Water Tube	1½" to 1' elevation of apparatus	28.5.98	1898	-	-	PT	155	-
305ALF	Arrangement of Oil Fuel Burning Apparatus-Holden's Patent System for Light	1 to 10 outline elevations and plan of 0-4-0 tramway type engine	23.9.98	1898	-	-	PT	155	-
305LF	Arrangement of Oil Fuel Burning Apparatus-Holden's Patent System for Light	1 to 10 outline elevations and plan of 0-4-0 tramway type engine	11.8.98	1898	-	-	PT	155	-
306LF	Arrangement of Oil Fuel Burning Apparatus-Holden's Patent System for Light	1 to 10 outline elevations of 0-4-0 tramway type engine	12.8.98	1898	-	-	PT	155	-
307LF	Arrangement of Oil Fuel Burning Apparatus-Holden's Patent System for Light	1 to 10 outline elevations and plan of 0-4-0 tramway type engine	1.9.98	1898	-	-	PT	155	-
308LF	Apparatus for Burning Liquid Fuel-Holden's Patent on Rack Locomotives for Ilgira	1½" to 1' outline side elevation of 0-6-0 geared engine and sectional plan of fire box	29.9.98	1898	-	-	PT	155	-
312LF	Austrian State Railways-Position of Oil Burners on Smokebox Front-Holden's	1 to 10 front elevation of firebox	20.10.98	1898	-	-	PT	155	-
313LF	Apparatus for Burning Liquid Fuel-Holden's Patent System 2,000 Gal. Capacity Fuel Tank	¾" to 1' side elevation and plan of mushroom type elevated tank	21.12.98	1898	-	-	PT	155	-
314LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Arrangement of Brickwork, etc. for	1½" to 1' sectional elevations and plan	31.12.98	1898	-	-	PT	155	-
315LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Arrangement of Air Heaters in	1 to 10 sectional elevation of smokebox	12.1.99	1899	-	-	PT	155	-
316LF	Holden's Patent Liquid Fuel Injector 1899 Pattern for Stationary and Marine Boilers	Full size elevations and section of injector	- .2.99	1899	-	-	PT	155	-
317LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Hinge Joint for Burners	Full size arrangement of apparatus	- .3.99	1899	-	-	PT	155	-
321LF	Untitled	Unscaled elevations and plans of portable furnace on wheels	-	1899	-	-	PT	155	-
323LF	Untitled	Elevations and sections of liquid fuel burner	4.8.99	1899	-	-	PT	155	-
324LF	Holden's Patent Improved Liquid Fuel Burner for Boilers and Furnaces Stationary	Full size elevations and sections	- .1.00	1900	-	-	PT	155	-
325LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Stationary Boiler with Fuel	3" to 1' elevations of tank and firebox	18.8.99	1899	-	-	PT	154	-
327LF	Combined Oil and Water Tank Southern	Unscaled sectional view and plan of tank	23.8.99	1899	-	-	PT	154	-

Liquid Fuel Photo Tracings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
327LF	California R.Rd	Unscaled sectional view and plan of tank	23.8.99	1899	-	-	PT	154	-
328LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Tap for Holes in Locomotive Fire	Full size elevations of tap	-9.99	1899	-	-	PT	154	-
331LF	Arrangement of Liquid Fuel Burning Apparatus on Single Express Locomotive-Holden's Patent System	¾" to 1' sectional elevations and plans of 4-2-2-engine	14.11.99	1899	P43	-	PT	154	-
331LF	Arrangement of Liquid Fuel Burning Apparatus on Single Express Locomotive-	¾" to 1' sectional elevations and plans of 4-2-2-engine	14.11.99	1899	P43	-	PT	154	-
332LF	Holden's New Patent Combined Liquid Fuel Injector and Air Ejector 1899 Locomotive	Full size elevations and sections	16.11.99	1899	-	-	PT	154	-
332LF	Holden's New Patent Combined Liquid Fuel Injector and Air Ejector 1899 Locomotive	Full size elevations and sections	16.11.99	1899	-	-	PT	154	-
334LF	Variable Blast Pipe-Arrangement on Bogie Single Express Engines	1½" to 1' arrangement and full size details of pipe and cap	13.12.99	1899	P43	-	PT	151	-
334LF	Variable Blast Pipe-Arrangement on Bogie Single Express Engines	1½" to 1' arrangement and full size details of pipe and cap	13.12.99	1899	P43	-	PT	151	-
335LF	Liquid Fuel Storage at Stratford-General Arrangement	1/8" to 1' front and rear elevations and plan of plant, comprising two sets of 3 elevated fuel tanks, boiler house, fuel tank and underground tanks and fuelling stage, capacity 50,000 gallons above ground and 40,00 below	2.2.00	1900	-	-	PT	151	-
338LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Yarrow Water Tube Boiler	2" to 1' details of brick work and boiler	28.2.00	1900	-	-	PT	151	-
339LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Yarrow Water Tube Boiler	2" to 1' details of brick work and boiler	17.3.00	1900	-	-	PT	151	-
340LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Yarrow Water Tube Boiler	2" to 1' details of brick work and boiler	19.3.00	1900	-	-	PT	151	-
341LF	Four Wheels Coupled Bogie Express Locomotive Burning Liquid Fuel-Holden's	¾" to 1' presentation standard drawing with elevations, including cab, cut away	- .4.00	1900	S46	D14	PT	151	-
342LF	Holden's New Patent Combined Liquid Fuel Injector and Air Ejector 1900 Locomotive	Full size elevations and sections	- .6.00	1900	S46	D14	PT	151	-
346LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Boiler of Road Roller-Arrangement of Burner and Brickwork in	3" to 1' sections of firebox Endorsed: Burrell's Dg No 1307	3.8.00	1900	-	-	PT	151	-
349LF	Holden's Patent Improved Liquid Fuel	Full size sectional elevations of burner	10.00	1900	-	-	PT	151	-

Liquid Fuel Photo Tracings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
348LF	Burner-Stationary Pattern	Full size sectional elevations of burner	- .10.00	1900	-	-	PT	151	-
350LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Applied to Furnace for Melting Brass	1½" to 1' sectional elevation and plan	-	-	-	-	PT	151	-
355LF	Make Up of London to Cromer Special Express 1904	1/16" to 1' outline side elevation of 15 vehicle train	-	1904	-	-	PT	155	-
357LF	Tanks for Transporting Liquid Fuel	¼" to 1' side and end elevations of 3 types of tank wagon	- .3.00	1900	-	-	PT	155	-
358LF	Lancashire Boilers Fitted to Burn Liquid Fuel-Holden's Patent System	1½" to 1' elevations of front of boiler and sectional view	- .3.01	1901	-	-	PT	151	-
359LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent-on Lancashire Boilers	1½" to 1' elevations of front of boiler and sectional view	6.4.01	1901	-	-	PT	151	-
360LF	Portable Liquid Fuel Furnace for Rivets-Holden's Patent System	3" to 1' elevations and plan of furnace and fuel tank	- .4.01	1901	-	-	PT	151	-
361LF	Flexible Metallic Liquid Fuel Pipe and Coupling Nuts	Full size details	- .5.01	1901	-	-	PT	151	-
362LF	Liquid Fuel Furnace for Melting Brass Capacity 15 Cwt	1½" to 1' elevations and plan with 3" to 1' details	-	-	-	-	PT	151	-
364LF	Blocks for 15 Cwt Liquid Fuel Furnace for Melting Brass	1½" to 1' elevations and plans of blocks	- .7.01	1901	-	-	PT	149	-
374LF	Holden's Patent Improved Liquid Fuel Injector	Full size detailed sectional elevations and plan My comment: drawn by IRH	-	-	-	-	PT	149	-
377LF	Apparatus for Burning Liquid Fuel-Holden's System on Eight Coupled Loco for the	1" to 1' sectional elevations and plan of apparatus on narrow gauge engine	-	-	-	-	PT	149	-
378LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Details of Tubes and Ferrules for Locomotive Fire Boxes, etc. Position of Injectors	Full size details of injector and three types of ferrule	19.12.01	1901	-	-	PT	149	-
380LF	Arrangement of Liquid Fuel on Four Coupled Tank Loco'-Holden's Patent	1" to 1' undimensioned outline elevations and plan of 0-4-4 tank loco and cut away sectional views of apparatus	- .2.02	1902	-	-	PT	149	-
381LF	Hot Air Connections to Liquid Fuel Burners-Holden's Patent	1½" to 1' arrangement of pipe from smokebox	- .2.02	1902	-	-	PT	149	-
382LF	Arrangement of Liquid Fuel Apparatus on	1½" to 1' sectional elevations and plan of	- .2.02	1902	-	-	PT	149	-

Liquid Fuel Photo Tracings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
382LF	Hawthorn, Leslie & Co. Eng.-Holden's Patent	apparatus in firebox	- .2.02	1902	-	-	PT	149	-
384LF	Liquid Fuel Burning Apparatus-Holden's Patent-Tee Piece and Four Way Piece	Full size sectional elevations	- .2.02	1902	-	-	PT	151	-
388LF	Liquid Fuel Burning Apparatus-Holden's Patent-Tool for Cutting Holes in Firebox	Full size arrangement of tool	- .2.02	1902	-	-	PT	150	-
390LF	Variable Blast Pipe Arrangement on Four Coupled Bogie Express Eng's.	1½" to 1' arrangement and full size details of pipe and cap	-	-	-	-	PT	150	-
392LF	Holden's Patent System for Burning Liquid Fuel Fitted to Lancashire Boiler Showing	¾" to 1' front view and sectional plans and elevations	- .5.02	1902	-	-	PT	150	-
393LF	Arrangement of Liquid Fuel Apparatus on GER Locos-Part Plan Showing Dimension	1½" to 1' plan of coupling	- .6.02	1902	-	-	PT	149	-
394LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Arrangement on Cape Government	1" to 1' apparatus shown on outline of 4-6-0 engine	- .6.02	1902	-	-	PT	150	-
395LF	Liquid Fuel Furnace for Melting Brass, etc-Holden's Patent	1½" to 1' sectional elevation and plan	- .7.02	1902	-	-	PT	151	-
397LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Arrangement of Burners Below	1½" to 1' sectional elevation and plan and end elevation of firebox	- .2.03	1903	-	-	PT	150	-
399LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fuel Regulating Valves	Full size details and sections of valves	- .10.02	1902	-	-	PT	150	-
402LF	Liquid Fuel Brass Melting Furnace	½" and 1½" to 1' elevations and plan of furnace	- .2.03	1903	-	-	PT	151	-
402LF	GER Liquid Fuel Brass Melting Furnace	1½" to 1' elevations and plan	- .12.03	1903	-	-	PT	150	-
402LF	GER Liquid Fuel Brass Melting Furnace	1½" to 1' elevations and plan	- .1.04	1904	-	-	PT	150	-
402LF	GER Liquid Fuel Brass Melting Furnace	1½" to 1' elevations and plan	14.7.04	1904	-	-	PT	150	-
402LF	GER Liquid Fuel Brass Melting Furnace	1½" to 1' elevations and plan	- .7.04	1904	-	-	PT	150	-
403LF	Untitled	Unscaled elevations and plan of Yarrow boiler My comment: appears to be unfinished	-	-	-	-	PT	151	-
404LF	Arrangement of Liquid Fuel Tank on Tender N.E.R Class R & S	(1½" to 1') sectional side elevation and plan Copy of NER Dg No 5496	- .11.02	1902	-	-	PT	150	-
406LF	Untitled	Unscaled section of boiler with two fire holes	-	-	-	-	PT	149	-

Liquid Fuel Photo Tracings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
407LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Arrangement on Marine Boiler	1" to 1' sectional elevation and plan of boiler	- .2.03	1903	-	-	PT	149	-
408LF	Arrangement of Liquid Fuel on Crucible Brass Furnace	1" to 1' elevations and plan of furnace	- .1.03	1903	-	-	PT	149	-
408LF	Arrangement of Liquid Fuel on Crucible Brass Furnace	1" to 1' elevations and plan of crucible	- .11.03	1903	-	-	PT	150	-
409LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Arrangement of Yarrow Water Tube	2" to 1' elevation of boiler front and side elevation of apparatus	- .2.03	1903	-	-	PT	150	-
410LF	Untitled	Full size (?) elevation and section of valve	-	-	-	-	PT	150	-
412LF	Liquid Fuel Furnace for Heating Rivets-Holden's System	3" to 1' outline of furnace with valves	- .12.02	1902	-	-	PT	150	-
415LF	Liquid Fuel Injector	Full size sectional elevation	- .5.02	1902	-	-	PT	150	-
419LF	Gas Metre Valve and Box	Full size elevations and plan	- .3.03	1903	-	-	PT	150	-
424LF	General Arrangement of Holden's Patent Liquid Fuel Apparatus for Mogul Locomotive	1½" to 1' sectional elevations and plan with schedule of fittings Endorsed: Assam Bengal Railway Contract No 852 Plan by Taite & Carlton	- .12.03	1903	-	-	PT	150	-
425LF	Arrangement of Liquid Fuel on Crucible Brass Melting Furnace-Holden's Patent	¾" to 1' elevations and plan	- .12.03	1903	-	-	PT	151	-
426LF	Liquid Fuel Apparatus Fitted to Small Boiler Hawthorn, Leslie & Co. Holden's Patent	1½" to 1' elevations of non locomotive boiler	- .1.04	1904	-	-	PT	151	-
429LF	Liquid Fuel Apparatus Adapted to Crucible Steel Melting Furnace-Holden's Patent	1½" to 1' elevations and plan	- .7.04	1904	-	-	PT	151	-
431LF	Arrangement of Fire Brick in Stationary Boiler for W.N. Best Liquid Fuel Injector	1½" to 1' sections of firebox	- .1.05	1905	-	-	PT	151	-
432LF	Apparatus for Liquid Fuel Burning on Steam Hammer Furnace also Arranged to Heat Boiler Loco Type-Holden's Patent	1½" to 1' elevation and plan	- .5.05	1905	-	-	PT	151	-
433LF	Proposed Liquid Fuel Tyre Furnace-Holden's Patent	1" to 1' sectional elevations and plan of furnace	17.3.05	1905	-	-	PT	149	-
435LF	Arrangement of Liquid Fuel Burning Apparatus on 10 NHP Loco Type Boiler-	1½" to 1' arrangement	- .1.07	1907	-	-	PT	149	-

Liquid Fuel Photo Tracings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
439LF	Arrangement of Holden's Patent Liquid Fuel Apparatus Applied to a Yarrow Boiler	1½" to 1' arrangement of fittings on boiler, plan of regulating gear and injectors	- .7.09	1909	-	-	PT	149	-
441LF	Arrangement of Holden's Patent Liquid Fuel Apparatus Applied to Normand Return	1 to 20 sectional side and end elevations	- .5.11	1911	-	-	PT	149	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-	General Arrangement Single Express Engine	1½" to 1' section side elevation and plan of 2-2-2 engine	- 4.89	1889	-	-	CI-C	302	-
-	Ordnance Survey Sheets Norfolk 66SE, 78NE	6" to 1' sheets including the whole of Great Yarmouth and its 3 stations and Gorleston North station	1907	1907	-	-	P	458	2
-	Ordnance Survey Sheet Suffolk 10NE Lowestoft	6" to 1 mile sheet including Lowestoft, Carlton Colville and Oulton Broad stations	1903-4	1903	-	-	P	458	2
-	Ordnance Survey Sheets London 3.90, 4.81 & 5.72	1/1056 scale composite plan of area from northern end of Temple Mills yard to Loughton Junction, including wagon repair shed at Quarter Mile Lane	1894-98	1892-4	-	-	P	459	2
-	Ordnance Survey Sheets London Sheets 8.1, 8.2 and 2 sheets below	1/1056 scale composite plan of Stratford works, Maryland Point, Lea Junction and Carpenters Road Junction with GER land ownership in wash	1894-96	1892	-	-	P	459	2
-	2-4-0 Goods Engine	1½" to 1' arrangement of engine with 6'1" diameter wheels, 17" cylinders, side and end elevations	15.5.61	1861	-	-	CI-C	-	2
-	Dewrance's Lubricator for Locomotives-4In Size	Full size sectional elevations Endorsed: copy of Dewrance & Co Dg No 18126	21.11.04	1904	-	-	BP	286	-
-		1½" to 1' sectional side elevation and plan of 2-4-0 engine							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6A	GER Engines No 1 Class	Endorsed: Johnson Sharp Stewart 1867-72 No 1 class My comment: drawing number not understood	-	1875	No 1	-	OI	302	-
8A	Untitled	1½" to 1' sectional elevation and plan of outside cylinder 2-6-0 engine	-	1879	-	-	PB-C	384	
16	Hand Gear for Tank Passenger Engines with 12" Cylinders	Full size elevation and plan	14.3.51	1851	-	-	TI-C	-	2
202	First Class Carriage	1½" to 1' part side elevation with sections and plan of 23' long body with 4 compartment on 22'8" iron underframe, 12'0" wheelbase My comment: badly water stained	30.12.51	1851	-	-	CI-C	384	
240	First Class Carriage	1" to 1' arrangement of 23'0" 4 compartment carriage with wrought iron underframe 12'0" wheelbase	21.1.51	1851	-	-		-	2
242	Composite Carriage	1" to 1' side elevation and half end elevation of 22'0" 4 compartment carriage 2/1/1/2 with wrought iron frames, 12'0" wheelbase	8.3.52	1852	-	-	TI-C	-	2
245	Passenger Brake Van	1" to 1' elevations of birdcage roof van 18'0" body, 9'0" wheelbase birdcage roof with passenger accommodation	13.3.52	1852	-	-	TI-C	-	2
257	Passenger and Brake Van (East Anglian Railway)	1" to 1' elevation, section and plan of 18' 0" body with bird cage roof, wheelbase 9'6" My comment: BTCHR No 755/52	28.3.52	1852					2
274	Passenger Brake Van	1" to 1' body arrangement of 20'1" body with outside framing, 12'0" wheelbase with birdcage My comment: BTCHR No 763/52	2.4.52	1852	-	-	CI-C	-	1
682	Saloon	1" to 1' arrangement of body and underframe, 22'0" body, 8'0" wide, wheelbase 12'0", spoked wheels Endorsed: see Dg No 618 for underframe	10.8.54	1854	-	-	TI-C	-	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment:: BTCHR No 752/52							
854	First Class Carriage	1½" to 1' arrangement of 21'0" 3 compartment carriage	27.5.59	1859	-	-	TI-C	-	2
879	Composite	1" to 1' elevations, sections and half plan of 22'0" 4 compartment carriage	- 8.60	1860	-	-	CI-C	-	2
1140	General Arrangement of Horse Box	1" to 1' side elevation, sections, half elevation and sectional plan of 16' body with dog boxes, 9' wheelbase	20.9.61	1861	-	-	OI-C	384	
1345	Arrangement of Goods Brake Van	1½" to 1' arrangement of 16' van with veranda, 9' wheelbase with sections and sectional plan, no underframe details, average weight 5 tons 18 cwt	6.10.58	1858	-	-	CI-C	384	
1449	General Arrangement of Tank Engines with 12Ins Cylinders	1½" to 1' sectional elevations and half plans of 0-6-0T engine with 18'11½" frame	9.3.60	1860			CI-C	384	
1514	Arrangement of Goods Engines with 17Ins Cylinders (Class Y)	1½" to 1' sectional elevations and half plans of 2-4-0 engine with 24'6" frame	2.11.60	1860	Y	-	CI-C	384	
1806	Composite	1" to 1' elevation of 4 compartment carriage length 24'	2.8.69	1869	-	-	CI-C	-	2
1865	Arrangement of Tank Engines Class U	1½" to 1' sectional side elevation and plan of 2-4-2T engine	19.9.63	1863	U	-	CI-C	384	
2094	General Arrangement of Passengers Luggage Van	1" to 1' side and end elevation, sections and half plan of body and underframe 21'0" long with birdcage, 12'0" wheelbase	15.9.65	1865	-	-	CI-C	384	
2098	Spencers Patent Feed-Water Heater-As Applied to Goods Engines Class Y	3" to 1' sections of dome showing apparatus inside three plan views	20.10.65	1865	Y	-	CI-C	384	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
2133	Arrangement of Six Wheels Coupled Goods Engine	1½" to 1' sectional side elevation and plan of 0-6-0 engine Endorsed: engines Nos 437 to 456 makers The Worcester Engine Co	23.10.66	1866	417	-	CI-C	384	
2275	Arrangement of Smokebox for Four Wheels Coupled Passenger Engines No 1 Engines	3" to 1' sectional elevations of smokebox Endorsed: Nos 1-6, 26-29, 31-36, 42-50, 103-108, 110, 112-115, 117, 118, 160 & 161; altered 1.4.68	14.12.66	1866	No 1	-	CI-C	384	
2282	Arrangement of Firebox Fixings for Four Wheels Coupled Engines No 1 Class	3" to 1' elevations of firebox and exterior and interior of cab with fittings and full size elevation of number plate for No 222 Endorsed: Nos 1-3, 26, 28, 29, 31-36, 42-50, 103-108, 117, 118, 160 & 161	11.1.67	1867	No 1	-	CI-C	384	
2314	General Arrangement of Six Wheels Coupled Shunting Engine	1½" to 1' sectional elevations and half plans of 0-6-0T with 22'6" frame	25.5.67	1867	204	-	CI-C	384	
2345	Arrangement of Four Wheels Coupled Engines (Neilson & Co)	1½" to 1' sectional elevation and plan of 2-4-0 engine Endorsed: Nos 125-129	10.4.67	1867	125	-	OI-C	384	
2476	General Arrangement of Four Wheels Coupled Engines 109 Class	1½" to 1' sectional side elevation and half plan of 2-4-0 engine My comment: poor condition, surface has been varnished	13.2.68	1868	109	-	C-IC	302	-
2509	Four Wheel Coupled Passenger Branch Engine No 1 Class	1½" to 1' sectional elevations and plan of 2-4-0 engine	8.4.68	1868	No 1	-	CI-C	384	
2774 Ren	Valve Spindle Guide Class T18, Y65, R10, E22	Full size elevations and plan of guide	- .8.09	1909	T18 Y65 R10 E22	J66 F7 - J65	P	311	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
2858	Engines No 477-526	1½" to 1' sectional side elevation and plan of 0-4-2 engine Endorsed: makers Beyer, Peacock & Co, Dubs & Co, Naysmith Wilson & Co, Yorkshire Engine & Co, Stephenson & Co	6.9.70	1870	477	-	CI-C	302	-
2880	Engines Nos 81-86 Class	1½" to 1' sectional side elevation and plan of 0-4-2 engine	21.10.70	1870	T7	-	CI-C	302	-
3053	Bogie Tank Engines Nos 133-139, 162-169, 185-199	1½" to 1' sectional side elevation and plan of 0-4-4T engine Endorsed: makers Avonside Engine Co and Neilson & Co	24.2.72	1872	134	-	CI-C	300	-
3110	Wagon Wheels and Axle	6" to 1' half elevation and section of 8 spoke wheel 3'0" diameter on tread, full size section of tyre and fixing, 3¼" x 8" journals Endorsed: dimensions of journal amended to 3½" x 8" and wheel 3'1½" on tread, undated; see standard Dg No 3363 altered to red dimensions	25.7.72	1872	-	-	CI-C	290	-
3126	Bogie Express 275 & 291	1½" to 1' sectional elevations and plan of 4-2-2 engine	24.9.72	1872	W	-	CI-C	384	-
3161	General Arrangement of Express Engine No 292	1½" to 1' sectional elevations and half plan of 2-2-2 engine	- .12.72	1872	W	-	OC-C	384	-
3335	Batten Wagon Class C30	1½" to 1' general arrangement of 22'10" timber framed wagon, 12' wheelbase My comment: a revision of a c.1875 general arrangement	22.2.93	1893	C30	30W	CI	290	-
3363	Standard Waggon Wheel and Axle	6" to 1' half elevation and section of 8 spoke wheel 3'1" on tread with axle and full size section of tyre and fixing	10.7.77	1877	-	-	CI-C	290	-
3380	Stationary Engine Cylinders 15Ins by 20Ins	1½" to 1' elevations and plan of vertical engine Endorsed: altered 20.10.86; several pencil additions; Temple Mills Hydraulic Installation	11.8.74	1874	-	-	CI-C	311	-
		Full size elevations and plans of two types of doors							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
3507	Standard Mud Doors and Plug	Endorsed: G58 and L77 added to title; altered 22.8.07, 29.10.14, etc.; superseded see drawing dated 5.19	6.8.90	1890	-	-	CI-C	311	-
3516	Reversing Screw and Bracket	Full size elevation and plan of apparatus and 3" to 1' elevation of hand wheel	19.3.75	1875	-	-	CI-C	295	-
3527	Valve Spindle Guide for Four Wheels Coupled Bogie Tank Engines Nos 61-80, 211-225, 170-184 & O18	Full size elevations, sections and plan Endorsed: altered 19.8.84, 2.8.87 and 13.9.87; title endorsed 'Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 to red lines and dimensions'; also added Y14, K15, P17, N16, M18, X18, D20, U20, R21	31.12.74	1874	61 O18	F4	CI-C	311	-
3589 Ren	Steam Pipe Elbow	Full size elevations and plan of cast iron elbow for J65 to J69 Classes	11.7.51	1951	-	J65-69	P	311	-
3639	3Ft 6½In Carriage Wheel Mansell's Improved Patent	Full size half section of wheel and 3" to 1' elevation and section of wheelset	15.4.75	1875	-	-	CI-C	290	-
3639 A	3Ft 6½Ins Mansell's Wheels and Axles with Jeffrey's Boss as Arranged for 6 Wheel Composite Carriages	Full size half section of wheel and 3" to 1' elevation and section of wheelset, 3½" x 8" journals Endorsed: keys and keyways added 19.9.79	13.9.78	1878	-	-	CI-C	290	-
3933	Standard Firehole Door	Full size elevation and section of door Endorsed: several alterations up to 23.2.50; see later drawing of same number dated 10.29	5.10.88	1888	-	-	CI-C	311	-
3946	Tool Van	1" to 1' general arrangement of 25'1" 4 wheeled van with flush sheeting 15' 3" wheelbase with 3'6" veranda at one end	21.3.76	1876	-	-	CI-C	290	-
3946 X	Small Tool Van	(1½" to 1') general arrangement of 16' 4 wheeled van with flush sheeting 8' wheelbase, with interior detail. Wooden brake blocks Endorsed in pencil: '1876'	-	1876	-	-	CI	290	-
3948	Four Wheels Coupled Bogie Tank Engine	1½" to 1" sectional side elevation and plan of 0-4-4T engine	31.3.76	1876	61	-	CI-C	303	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
3740	Four Wheels Coupled Bogie Tank Engine	Endorsed: Stephenson & Co 76-80, 221-225 1876-77	31.3.76	1876	61		CI-C	302	-
4149	Six Inch Stop Valve	Full size section and elevation of valve	3.11.76	1876	-	-	CI	311	-
4212	Standard Slip Gear for Passenger Brake Vans	Full size details of equipment and 3" to 1' elevations showing lever release in brake van Endorsed: altered 8.88, 20.2.89, 13.3.89, 7.8.90 & 5.8.91 My comment: a revision of a c.1876 drawing	22.5.86	1886	-	-	CI-C	290	-
4356	Tender for Four Wheels Coupled Bogie Passenger Engines Nos 255-264 R&W Hawthorn	1½" to 1' sectional elevations and plan of tank only, no underframe details. Drawing stamped R&W Hawthorn, Engineers, Newcastle on Tyne Endorsed: tracing sent to Messrs. Neilson 27.7.79 for Mogul engines Nos 527-541 as made see Dg No 5169	16.6.79	1879	245	-	TI-C	300	-
4539	Mogul Engines Nos 527-541-General Arrangement	1½" to 1' sectional side elevation and plan of 2-6-0 engine Endorsed: tracing (showing centres) sent to Messrs. Neilson 3.8.78 brake gear traced from this drawing and numbered 5478; as made see Dg Nos 5157 & 5157A	28.5.78	1878	527	-	CI	300	-
4619	Four Wheels Coupled Bogie Tank Engine	1½" to 1' sectional side elevation and plan of 0-4-4T engine Endorsed: Kitson & Co Nos 170-184	8.1.78	1878	134	-	OI-C	302	-
4784	Valve Connecting Rod Expansion and Sustaining Links for Four Wheels Coupled Bogie Tank Engine Class C	Full size elevations, sections and plan Endorsed: added to title engines Nos 61-80, 211-225 (Class C), 170-184, Y14, K15, O18; numerous alterations	3.10.78	1878	-	-	CI-C	311	-
4901	Postal Van	1" to 1' general arrangement of 27' mail van with clerestory roof with 3" to 1' details of interior fittings My comment: some small differences compared to Dg No 4901 Mail Van	1.1.79	1879	-	702C	PB-C	290	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
4901	Mail Van	1" to 1' general arrangement of 27' 4 wheel mail van with clerestory roof with interior and external elevations, 3" to 1' internal details. Endorsed: dated in pencil 20.3.79; additional lamps 18.7.79; underframe, wheels, axles and springs, etc. as for 27' carriages My comment: lettering shown in gold leaf on drawing	-	1879	-	702C	CI-C	290	-
4912	Incline Break Pepper Warehouses	1½" to 1' general arrangement of 14'10½" open brake truck, 9' wheelbase central hand brake column, iron brake blocks Endorsed: 'No 25' on solebar; altered 14.9.80	- .2.79	1879	-	-	CI-C	290	-
4925	Permanent Way Break	1" to 1' general arrangement of outside framed van 20' long, 12' wheelbase, with interior details, veranda at one end only, iron brake blocks	- .3.79	1879	-	-	CI-C	290	-
4983	Stop Valves 1½Ins, 2Ins 3Ins and 5Ins	Full size elevations and sections of 4 valves Endorsed: altered 23.6.90	-	1878	-	-	CI	311	-
5043	General Arrangement of Ballast Waggon	1½" to 1' general arrangement of 2 plank dumb buffered wagon 11'2" sloping sides Endorsed in pencil: H19	4.8.85	1885	H19	39W	PB	290	-
5064	Mogul Engines Nos 527-541	1½" to 1' sectional side elevation and plan of 2-6-0 engine	20.7.79	1879	527	-	PB-C	300	-
5192	General Arrangement of Express Engines No 245 Class	Sectional side elevation and plan of 4-2-2 engine My comment: original drawn by Dubs, in poor condition, part of title missing; signed by Massey Bromley 11.11.79	- .5.79	1879	245	-	PB-C	300	-
5413	Bogie Tank Engines Nos 140-149-General Arrangement	1½" to 1' sectional side elevation and plan of 0-4-4T engine	5.3.80	1880	140	-	PB-C	302	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5453	Centre Carriage Axlebox	Full size elevations, sections and plan of axlebox Endorsed: letter 'D' added to title	7.11.92	1892	-	-	PB	290	-
5459	Standard Spanners	Full size pans of 18 various size spanners including short spanner for coupling nut between engine and tenders for engines O9 and D10 class	23.1.80	1880	-	-	CI	295	-
5461	Standard Fire Irons for Tank and Tender Engines	Full size size details of 11 types of iron	2.2.80	1880	-	-	CI	311	-
5484	Standard Wagon Axlebox 'A'	Full size elevations, sections and plan of axlebox for journal 3¾" x 8"	12.4.80	1880	-	-	CI-C	290	-
5491	Standard Carriage Axlebox 'B'	Full size elevations, sections and plan of axlebox Endorsed: numerous altered made up to 2.11.33; the letter 'B' added later	-	1880	-	-	PB	290	-
5620	Westinghouse Brake on Engines and No 1-Brasswork and Brake Blocks No 2	Full size details of brasswork, 3" to 1' details of brake block No 2 Endorsed: Nos 1-6, 26-29, 31-36, 42-50, 103-108, 110, 112-115, 117, 118, 160, 161; altered 16.2.92 and 27.2.93 My comment: some ink additions, generally illegible	21.3.82	1882	1	-	CP	311	-
5626	Standard Brake Blocks for Engines and Tenders	6" to 1' elevations and plan of standard cast iron block No 3 for tenders and No 21 for engines Endorsed: for engine brake blocks for S69 see Dg No 17251 My comment: drawing torn, no loss	27.1.20	1920	-	-	P	311	-
5626	Standard Brake Blocks for Engines and Tenders	6" to 1' elevations and plan of brake block No 21 for engines and No 3 for tenders Endorsed: for engine brake blocks for S69 see Dg No 17250 9.8.11; altered for L77 class 12.11.14	- 4.10	1910	-	-	CI	311	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5680	Six Wheels Coupled Goods Engines Nos 552-561-, 3741, 119-124, 592-599, Y14 & P55-Connecting Rod	Full size part elevations and plan of connecting rod 5'11 1/4" centres Endorsed: several alterations up to 8.25	- .12.03	1903	Y14 P55	J15 F5	PB	311	-
5680	Six Wheels Coupled Tank Engines Class Y14 with Built Up Crank Axles- Alteration to White Metal in Connecting Rod Big End Brasses	Full size elevation and plan	- .6.13	1913	Y14	J15	P	311	-
Att									
5935	Standard Whistle	Full size elevation, sections and plan Endorsed: see later copy same number (tracing) dated 6.53; numerous alterations up to B74 class	10.1.82	1882	-	-	CI-C	311	-
5942	Standard Shackle and Link for Goods Engines and Tenders	Full size elevation and plan of shackle and two links Endorsed: shackle altered to link 10.5.94; for drawhook see Dg Nos 5432 and 5941, also tracing made for blue process copying	27.1.82	1882	-	-	CI-c	311	-
6001	Four Wheels Coupled Express Engines Class G14, A15, T19-Coupling Rod and Pin	Full size elevation and plan Endorsed: locking nuts not required, see Dg No 34818 5.3.41	10.6.82	1882	G14	-	CI-C	251	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6002	Four Wheels Coupled Express Engines Class G14, A15, G15, X17, T19, S20, F21-Driving and Trailing Wheels	Full size part elevation of wheel and section, 3" to 1' elevation of whole 6'6" dia wheel on rim, 7'0" on tread	31.3.82	1882	G14	-	CI-C	251	-
6002	-	Full size part elevation of wheel and section, 3" to 1' elevation of whole 6'6" dia wheel on rim, 7'0" on tread My comment: as Dg No 6002 above but without its title	31.3.82	1882	G14	-	BP	251	-
6003	Four Wheels Coupled Express Engines Classes G14, A15, T19, S20, S21-Leading Wheels	Full size part elevation and section of 4' dia wheel on tread	4.4.82	1882	G14	-	CP	251	-
6007	Four Wheels Coupled Express Engines Classes G14, A15, M15, E16, G16, X17-Back Cylinder Cover	Full size elevations and plan Endorsed: several amendments	24.5.82	1882	G14	-	CI-C	251	-
6010	Crank Axle for Engines Classes G14, X17, T19, T26, N31, C32, D27	Full size details of crank and 3" to 1' arrangement of complete axle	26.2.95	1895	G14	-	CI-C	251	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6014	Four Wheels Coupled Express Engines Class G14, A15, T19-Guard Bar	Full size elevations	1.5.82	1882	G14	-	CP	251	-
6017	Front Cylinder Cover for Engines for Cast Iron Pistons Only-Classes G14, A15, M15, E16, G16, X17, T19, S20, S21, D&P203	Full size sections and elevation and 3" to 1' elevation for compound goods D&P203 13.7.87	16.5.82	1882	G14	-	CI-C	251	-
6018	Four Wheels Coupled Engines Classes G14, A15, M15, E16-Slide Valve, Valve Spindle and Glands	Full size elevations and sections Endorsed: high pressure valve spindle G16, X17, altered to red for engines fitted with Simplex packing	16.5.82	1882	G14	-	CI-C	251	-
6022	Details of Axlebox with Laminated Check Springs Four Wheels Coupled Tank Engines Class P55	6" to 1' sectional details Endorsed: for general arrangement see Dg No 6082	- .1.06	1906	P55	F5	CI-C	251	-
6025	Four Wheels Coupled Express Engines Class G14, A15, M15-Piston and Rod	Full size elevations Endorsed: modified for T19 16.9.86; D&P203 8.7.87 and other alterations	30.6.82	1882	G14	-	TI-C	251	-
6027	Standard Safety Valve	Full size elevations and section and 6" to 1' arrangement of lever Endorsed: several alteration up to 5.22	12.11.08	1908	-	-	P-C	251	-
6030	Four Wheels Coupled Express Engines Classes G14, A15, G16, X17, T19, S20, S21-Cast Iron Hind Footplate	3" to 1' elevations and plan	10.7.82	1882	G14	-	CP	251	-
6035	Standard Boiler Axlebox	Full size sections and elevations	21.5.80	1880	-	-	CI-C	251	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6035	Standard Boiler Clinkbox	Endorsed: altered for 209 class, Y65, C53, B74	21.5.70	1870	-	-	CI-C	251	-
6038	Four Wheels Coupled Express Engines Class G14- Valve Motion Arrangement Joy's Patent	3" to 1' elevations and plan of valve gear Endorsed: working copy	2.10.82	1882	G14	-	PB-C	300	-
6041	Standard Handrail Pillars and Lamp Holder	Full size elevations and plans of 10 components Endorsed: numerous alterations up to L77 class	17.6.89	1889	-	-	CI-C	311	-
6046	Standard Name and Number Plate	Full size arrangement of plate 2'0" x 1'3" No 562 inscribed Great Eastern Railway Coy/562/Stratford Works 1882 Endorsed: modified for engines rebuilt 12.4.94; modified for plate with four figures, undated	13.10.82	1882	-	-	CI	251	-
6051	Four Wheels Coupled Express Engines Classes G14, A15, X17, T19, S20, S21-Balance Weights	1½" to 1' elevations of wheels and full size details	1.11.82	1882	G14	-	CP	251	-
6058	Tenders for Express Engines Classes H14, A15, G16, Y17, V19, T20, G21-Arrangement of Brake	1½" to 1' arrangement of brake Endorsed: this arrangement not to be worked to for future tenders see Dg No 7810	10.11.82	1882	H14	-	CP	251	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6071	Four Wheels Coupled Express Engines Classes A15- Wrought Iron Stay for Radial Axlebox	Full size elevations and plan Endorsed: several alterations	8.2.83	1883	A15	-	CP	251	-
6073	General Arrangement Four Wheels Coupled Express Engine	1½" to 1' sectional side elevation and plan of 2-4-0 engine	23.2.83	1883	G14	-	PB-C	300	-
6078	Cast Steel Tender Wheel	Full size part elevation and section of 10 spoke wheel 4'0" on tread for tenders class Z14	1.5.83	1883	Z14	-	CI-C	251	-
6079	Four Wheels Coupled Express Engines Classes G14, A15, M15-Leading Spring and Details	Full size details of 14 plate spring 2'3" centres loaded and hangers Endorsed: spring only for P55 for hangers see Dg No 13437	23.7.83	1883	G14	-	CI-C	251	-
6081	Four Wheels Coupled Tank Engines Class M15, 018, P55	Full size details of pair of 4 plate springs 2'6" centres unloaded Endorsed: altered 27.9.04 My comment: title as shown, probably bolster springs	10.10.83	1883	M15 O18	F5 F4	CI-C	251	-
6082	General Arrangement Radial Axlebox Class H14, A15, M15, 018, P55	3" to 1' elevations and sections Endorsed: for arrangement for L77 & P55 classes see Dg No 20671 7.2.16	8.1.84	1884	H14 O18 P55	- - F5	PB-C	251	-
6082 Part	Leading Radial Axlebox M15 Rebuilt	3" to 1' details of assembly	18.4.95	1895	M15R	F4	PB	251	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6140	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14 & K15-Framing	1½" to 1' elevations and plan of engine framing Endorsed: superseded by Dg No 10757; numerous alterations up to 22.2.32	1.9.82	1882	Y14	J15	CI-C	251	-
6142	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14 & K15-Motion Plate and Slidebar	6" to 1' elevations and sections	1.6.82	1882	Y14	J15	CP	251	-
6144	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14 & K15-Leading, Driving and Trailing Hornblocks	6" to 1' elevations and plan Endorsed: altered 25.11.86 & 20.10.93	2.8.84	1884	Y14	J15	CI	251	-
6146	Six Wheels Coupled Goods Engines Y14 & K15-Details of Spring Gear	Full size details of 5 components	- .11.06	1906	Y14	J15	CI-C	251	-
6146 Part	Goods Engines Class J15 Centre Spring Hanger	Full size elevations	- .10.41	1941	-	J15	P	251	-
6150	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14, K15, T19-Foundation Ring	3" to 1' arrangement of ring and full size details of riveting Endorsed: for L28 and future classes see Dg No 8016 dated 8.6.91	13.10.82	1882	Y14 T19	J15 -	CI-C	251	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6156	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14 & K15-Arrangement of Motion	3" to 1' elevation and plan	4.9.82	1882	Y14	J15	CP	251	-
6164	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14, P55-Y65, R24, E22, T18-Eccentric Straps	Full size details Endorsed: several alterations	13.9.82	1882	Y14	J15	PB	251	-
6167	Standard Blow Off Cocks	Full size elevations and sections of two cocks Endorsed: one cock taken from Dg No 1855; this drawing superseded by Dg No 26007 and Attachment 11.8.26	13.3.89	1889	-	-	CI-C	251	-
6171	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14 & K15-Reversing Rod	Full size elevations Endorsed: altered 30.6.99 and 3.34	25.10.82	1882	Y14	J15	CP	251	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6174	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14 & K15-Coupling Rods	Full size elevation and plan Endorsed: several alterations up to 25.10.48	15.11.82	1882	Y14	J15	CI-C	251	-
6179	Engines Class Y14, L28, N31, T26-Reversing Screw, Nut, Bracket and Wheel	Full size details Endorsed: work to this drawing for screw and nut guide for E72; altered 21.2.12	- .7.09	1909	Y14	J15	P	251	-
6186	Tenders for Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599-Axlebox Guides	Full size elevations and plan	10.1.83	1883	Y14	J15	CP	251	-
6202	Six Wheels Coupled Goods Engines Class Y14, K15, T19	Full size sections of the firebox Endorsed: for longitudinal views and all other details see Dg No 6076; these bolts superseded see Dg No 10492 8.11.00	20.11.83	1883	Y14 T19	J15 D13	CI-C	283	-
6204	Brake Details for Tenders and Classes Z14, L15, O16, R17, N18, Y18 & E20	Full size details of components	8.5.83	1883	Z14	-	CP	283	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6206	Brake Details for Tenders Classes Z14, L15, O16, R17, N18, Y18 & E20	Full size elevations and plans of brake components	21.5.83	1883	Z14	-	CP	284	-
6207	Hand Brake Arrangement for Tenders Classes Z14, L15, O16, R17, N18, Y18 & E20	1½" to 1' outline elevations and plan of tender showing brake gear	1.6.83	1883	Z14	-	CP	295	-
6213	General Arrangement Six Wheels Coupled Goods Engines	1½" to 1' sectional side elevation and plan of 0-6-0 engine	23.11.83	1883	Y14	J15	PB-C	300	-
6217	Safety Valve Casing	Full size elevation and plan to suit boilers 4'2" and 4'4" diameter	12.10.09	1909	-	-	P	284	-
Ren									
6232	Four Wheels Coupled Express Engines Class G14, A15-Westinghouse Brake Details	3" to 1' details of components and full size details Endorsed: amended 7.12.87 & 29.8.88	11.10.83	1883	G14	-	CI-C	283	-
6237	Standard Blower	Full size elevations and sections	9.6.85	1885	-	-	BL	284	-
6249	Coupling Rod for Engines Nos 305 & 306 of Class M15, E16, O18, P55	Full size elevations, section and plan F5 Endorsed: altered 25.8.07, 5.3.41 & 25.10.48	21.12.83	1883	M15	F4 F5	CI-C	284	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6277	Six Wheels Coupled Goods Engines No 37-41, 119-124, 592-599 Y14 K15- Iron Wheel Engines Nos 51-60, 87-102, 231-244, 572-591-Cast Steel Wheels with Counterweights	Full size 1½" to 1' elevations and sections of wheels Endorsed: numerous alterations My comment: original drawing supplemented by the additions dated 30.11.87	- 30.11.87	 1883	 Y14	 J15	 CP	 284	-
6314	Tramway Engine G15, N17-Cylinders	3" to 1' sections and plan of cylinders with full size details of fittings Endorsed: amended 27.9.10 & 7.2.11; see later print	3.2.83	1883	G15	Y6	CI-C	283	-
6315	Tramway Engines Class G15-Boiler	1½" to 1' elevations, sections and plans with full size details of riveting Endorsed: altered 10.9.91 & 22.10.96. 3.2.97; for F40 and future boilers My comment: poor condition and part missing	19.2.83	1883	G15 N17	Y6	CI-C	295	-
6317	Tramway Engines Classes G15, N17-Nos 128-132- Foundation Ring and Expansion Bracket	Full size sections and elevations of ring and bracket and 3" to 1' plan of foundation ring Endorsed: for F40 and future boilers see Dg No 10034 3.2.97	1.2.83	1883	G15 N17	Y6	CI-C	283	-
6318	Tramway Engines Classes G15, N17-Nos 128-132- Dome Seating	Full size plan Endorsed: for F40 and future boilers see Dg No 9935 3.2.97	6.3.83	1883	G15 N17	Y6	CP	283	-
6319	Tramway Engines Classes G15, N17-Nos 128-132- Boiler Stays	Full size elevations and plans of stays Endorsed: numerous amendments	5.3.83	1883	G15 N17	Y6	CI-C	283	-
6319 Part	Tramway Engines Class F40-Roof Bars	3" to 1' elevations Endorsed: this drawing to be used for boilers with sling stays 2.1.01	4.2.97	1897	F40	Y6	CP	284	-
6320	Tramway Engines Classes G15, N17-Nos 128-132- Axlebox and Horn Block	Full size sections, elevation and plan Endorsed: altered 11.11.96, 30.6.97, 31.3.04 & 13.11.08	1.2.83	1883	G15 N17	Y6	CI-C	283	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6322	Tramway Engines Classes G15, N17-Nos 128-132- Leading and Driving Axles	3" to 1' elevations of axles and full size details Endorsed: altered for class C53; altered 21.12.95, 12.1.96 & 28.7.98	16.2.83	1883	G15 N17	Y6	CI	283	-
6323	Tramway Engines Classes G15, N17-Nos 128-132- Firehole Ring and Door	Full size elevation and section Endorsed: altered for F40 and future boilers 23.7.97	4.4.83	1883	G15 N17	Y6	CP	284	-
6324	Tramway Engines Class G15, N17, C29 & F40- Connecting Rod	Full size elevations and plan of rod with 3" to 1' arrangement Endorsed: 20.7.21, 11.21 & 6.4.25	22.4.98	1898	G15 N17	Y6	CI-C	284	-
6325	Tramway Engines Classes G15, N17-Nos 128-132- Crosshead and Piston	Full size elevations and plan of components Endorsed: altered 11.3.01, 18.1.04, 11.7.21 & 10.9.40	21.2.83	1883	G15 N17	Y6	CP	283	-
6326	Tramway Engines Classes G15, N17-Nos 128-132- Spring and Details	Full size elevations and plan of springs and sections of details Endorsed: numerous alterations for class C53	24.2.83	1883	G15 N17	Y6	CI-C	284	-
6327	Tramway Engines Classes G15, N17-Nos 128-132- Slide Bar and Piston Rod	Full size elevations and plan Endorsed: added detail for F40 and future engines 10.8.97; amended 11.5.48	27.2.83	1883	G15 N17	Y6	CP	283	-
6328	Tramway Engines Classes G15, N17-Nos 128-132- Reversing Shaft	Full size details of components Endorsed: work to blue 20.6.10	28.2.83	1883	G15 N17	Y6	CI-C	283	-
6329	Tramway Engines Classes G15, N17-Nos 128-132- Coupling Rod and Crank Pin	Full size elevations and plan of rod and pin Endorsed: altered 16.10.84, 12.11.96 & 20.12.30	27.2.83	1883	G15 N17	Y6	CI-C	284	-
6330	Tramway Engines Classes G15, N17-Nos 128-132- Motion Details	Full size elevations and plans of components Endorsed: altered 22.9.05, 16.12.08, 24.7.12 & 20.7.21	1.3.83	1883	G15 N17	Y6	CI-C	284	-
6331	Tramway Engines Classes G15, N17-Nos 128-132- Brake Shaft and Hanger	Full size details of shaft 3" to 1' arrangement of assembly	5.3.83	1883	G15 N17	Y6	CP	284	-
	Tramway Engines Classes G15, N17-Nos 128-132-	Full size sections and plan			G15				

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6332	Tramway Engines Classes G15, N17-Nos 128-132- Brake Cylinder	Endorsed: undated amendments for T18 class steam brake	22.3.83	1883	N17	Y6	CP	283	-
6332 Part	Cylinder Cover for Steam Brake Class T18	Full size section and elevation	30.11.93	1893	T18	J66	PB	284	-
6333	Tramway Engines Classes G15, N17-Nos 128-132- Wheels	Full size elevation and section of 2'8" diameter wheel without tyre Endorsed: drawing of section of wheel with tyre added 10.10.87	5.3.83	1883	G15 N17	Y6	CP	283	-
6334	Tramway Engines Classes G15, N17-Nos 128-132- Brake Details	Full size details of components Endorsed: amended 13.7.33	8.3.83	1883	G15 N17	Y6	CP	283	-
6336	Tramway Engines Classes G15, N17-Nos 128-132- Eccentric Sheaves	Full size section and elevation	15.3.83	1883	G15 N17	Y6	CI-C	284	-
6337	Tramway Engines Classes G15, N17-Nos 128-132- Details of End Riveting of Frame and Gusset Stays	Full size sections and details	13.3.83	1883	G15 N17	Y6	CP	284	-
6338	Tramway Engines Classes G15, N17, C53-Nos 128-132- Arrangement and Details of Reversing Screw and	Full size details of components with arrangement	20.3.83	1883	G15	Y6	CI	284	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6338	Tramway Engines Classes G15, N17-Nos 128-132- Arrangement and Details of Reversing Screw and Regulator Rods	Endorsed: altered 2.9.97 & 12.7.97; altered for C53 22.7.03	30.3.83	1883	N17	Y6	CP	284	-
6339	Tramway Engines Classes G15, N17-Nos 128-132- Bracket for Reversing Screw and Regulator Rods	Full size details and sections of bracket Endorsed: altered 2.9.08	16.3.83	1883	G15 N17	Y6	CP	284	-
6340	Tramway Engines Classes G15, N17-Nos 128-132- Cast Iron Brake Details and Wrot Iron Handle	Full size elevations and section Endorsed: altered 12.7.97	13.3.83	1883	G15 N17	Y6	CP	284	-
6341	Tramway Engines Classes G15, N17-Nos 128-132- Frame	1½" to 1' elevations, plan and sections of frame	13.3.83	1883	G15 N17	Y6	CP	283	-
6342	Tramway Engines Classes G15, N17-Nos 128-132- Tanks and Coal Bunkers	1½" to 1' elevations, sections and plans of tanks and bunker Endorsed: altered 27.11.96, 26.6.97 & 19.7.97	13.3.83	1883	G15 N17	Y6	CP	284	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6343	Tramway Engines Classes G15, N17-Nos 128-132- Arrangement of Motion	3" to 1' elevations and plan undimensioned	- .8.83	1883	G15 N17	Y6	CP	283	-
6344	Feed Pump-Tramway Engines Class G15	Full size sections and plan of pump Endorsed: altered 3.7.97	5.4.83	1883	G15	Y6	CI-C	284	-
6345	Tramway Engines Classes G15, N17-Nos 128-132- Safety Valve Lever and Cover	Full size sections and plan of cover and 3" to 1' detail of complete lever Endorsed: altered 20.10.91	7.4.83	1883	G15 N17	Y6	CI-C	283	-
6346	Tramway Engines Classes G15, N17-Nos 128-132- Cab	1½" to 1' elevations and plan of timber built outer casing of engine with full size constructional details	25.4.83	1883	G15 N17	Y6	CP	283	-
6347	Tramway Engines Classes G15, N17-Nos 128-132- Wrought Iron Stay and Indicator Details	Full size details of components Endorsed: amended 12.3.10 for class C53	2.4.83	1883	G15 N17	Y6	CP	283	-
6348	Reversing Shaft Bracket for Tram Engines Class G15, N17	Full size elevations and plan Endorsed: for reversing shaft see Dg No 6328	29.3.83	1883	G15 N17	Y6	CI-C	283	-
	Tramway Engines Classes G15, N17-Nos 128-132-	Full size elevations and plan			G15				

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6348	Tramway Engines Classes G15, N17-Nos 128-132- Slide Valve	Endorsed: for shafts see Dg No 36328, for bracket see Pt 6348	29.3.83	1883	N17	Y6	CI-C	284	-
6349	Tramway Engines Classes G15, N17, Nos 128 to 132- Buffer Beam and Cow Catcher	3" to 1' elevations and plan Endorsed: see frame Dg No 11649; amended dimensions for C53 class	14.4.83	1883	M15 N17	Y6	CP	247	-
6350	Tramway Engines Classes G15, N17-Nos 128-132- Ashpan	3" to 1' arrangement of ashpan and full size details of components Endorsed: for arrangement and details of D85 ashpan see Dg No 23210 23.12.20; numerous other alterations	18.4.83	1883	G15 N17	Y6	CI	283	-
6352	Tramway Engines Classes G15, N17, C53 Nos 128-132-Blast Pipe	Full size elevations, section and plans of blast pipe Endorsed: see also Dg No 9054; altered for class C53 see Dg No 13479 7.4.03	21.4.83	1883	G15 N17	Y6	CI	390	
6353	Tramway Engines Classes G15, N17 Nos 128-132- Chimney	Full size section of chimney sections and 3" to 1' sectional elevation of complete chimney	27.4.83	1883	G15 N17	Y6	CP	389	3
6353 Part	Alteration to Chimney N17 Class Tram Engines to Suit C53 Class	3" to 1' sectional elevation and plan of chimney Endorsed: spark arrestor altered 11.8.03	- .7.03	1903	N17	Y6	CP	390	4
6354	Tramway Engines Classes G15, N17 Nos 128-132- Smokebox	3" to 1' elevations and sections of smokebox and cylinders Endorsed: for alterations to smokebox see Dg No 9935 3.2.97	21.6.83	1883	G15 N17	Y6	CP	389	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6355	Tramway Engines Classes G15, N17 Nos 128-132-Details of Governor Throttle Valve	Full size elevations, sections and plan of components	23.4.83	1883	G15 N17	Y6	CP	390	
6356	Tramway Engines Classes G15, N17 Nos 128-132-Blast Connecting Pipe	Full size sections and half plan of pipe	1.5.83	1883	G15 N17	Y6	P-C	389	
6357	Tramway Engines Classes G15, N17, C53 Nos 128-132-Smokebox Door and Details	Full size half elevation and section of door and details of fittings Endorsed: altered for for C53 class engines	5.5.83	1883	G15 N17	Y6	CI	389	
6359	Tramway Engines Classes G15, N17 Nos 128-132-Firebox Fixings	3" to 1' elevations of firebox showing fittings Endorsed: for F40 and future boilers see Dg No 9935 3.2.97	19.5.83	1883	G15 N17	Y6	CP	390	3
6360	Tramway Engines Classes G15, N17 Nos 128-132-Emptying Valve and Steam Connecting Pipe for Tanks	Full size sections and half plan of valve and 6" to 1' arrangement Endorsed: for C29 and future engines see Dg No 8475 9.9.91	23.5.83	1883	G15 N17	Y6	CP	389	
6361	Tramway Engines Classes G15, N17 Nos 128-132-Arrangement of Feed Pump and Injector Pipes, Levers, etc.	1½" to 1' arrangement of components shown on sectional elevations and plan of engine with full size details Endorsed: altered for C29 and future engines 3.9.91	5.7.83	1883	G15 N17	Y6	CP	390	
6362	Tramway Engines Classes G15, N17 Nos 128-132-Details of Pipes, Cocks, etc	Full size details of components Endorsed: altered for class M40 29.7.97	26.5.83	1883	G15 N17	Y6	CP	389	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6363	Tramway Engines Classes G15, N17 Nos 128-132-Fender Plate, Step and Details	*1½" to 1' elevations of fenders and full size details of fittings and constructional details	1.6.83	1883	G15 N17	Y6	CP	390	
6364	Tramway Engines Classes G15, N17 Nos 128-132-Tank Details, etc.	Full size and 6" to 1' details of components Endorsed: altered for class C29 3.9.91	4.6.83	1883	G15 N17	Y6	CP	390	
6366	Tramway Engines Classes G15, N17 Nos 128-132-Details of Gear for Working Blast Valve	Full size elevations, section and plan of components Endorsed: altered for F40 and future engines	11.6.83	1883	G15 N17	Y6	CP	390	
6367	Tramway Engines Classes G15, N17 Nos 128-132-Details of Gear for Blower and Steam Brake Valve	Full size elevations and plan of components	1.6.83	1883	G15 N17	Y6	CP	390	
6369	General Arrangement-Tram Engine	1½" to 1' sectional side elevation, end elevation and plan of 0-4-0 including the clothing	19.11.83	1883	G15	Y6	PB-C	300	-
6369	Arrangement of Smokebox End Tram Engine	1½" to 1' sectional end elevation of smokebox and cylinders	26.11.83	1883	M15	Y6	PB	247	-

Part

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6370	Tramway Engines Classes G15, N17 Nos 128-132- Brake Arrangement	1½" to 1' elevations and plan showing brake gear in relation to lower part of engine	3.3.83	1883	G15 N17	Y6	CP	390	
6371	Tramway Engines Classes G15, N17 Nos 128-132- Driving Spring	Full size half elevation, plan and section of 10 plate spring 3'0" centres loaded	21.2.84	1884	G15 N17	Y6	CI-C	389	
6372	Tramway Engines Classes G15, N17 Nos 128-132- Pulleys for Governor	Full size elevations and section of two pulleys	12.6.84	1884	G15 N17	Y6	CP	390	
6373	Tramway Engines Classes G15, N17 Nos 128-132- Details of Wrot Ironwork for Governor	Full size elevations of components	9.6.84	1884	G15	Y6	CP	390	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					N17				
6374	Tramway Engines Classes G15, N17 Nos 128-132- Arrangement of Driving Gear for Governor	3" to 1' elevations and plan of assembly in relation to lower part of engine frame	11.6.84	1884	G15 N17	Y6	CP	390	
6375	Tramway Engines Classes G15, N17 Nos 128-132- Arrangement of Sand Box	1½" to 1' arrangement of sand box on top of boiler on outline elevation and plan of engine Endorsed: altered 23.3.97 & 15.2.98	29.1.85	1885	G15 N17	Y6	CP	389	
6376	Tramway Engines Classes G15, N17 Nos 128-132- Details of Sand Box Gear, Bell and Gong, Brackets, etc.	Full size elevations, sections and plan of components	20.1.85	1885	G15 N17	Y6	CP	390	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6377	Tramway Engines Classes G15, N17 Nos 128-132-Casing for Governor, Top of Safety Valve and Filling Funnel	6" to 1' elevations, section and plans of components	13.2.85	1885	G15 N17	Y6	CP	390	
6378	Tramway Engines Classes G15, N17-Whistle and Lubricator Connections	Full size sectional elevations of whistle and connection	2.3.85	1885	G15 N17	Y6	CP	390	
6419	Lifting Hook and Swivel for 12 Ton Crane	Full size elevations of component Endorsed: altered 30.8.85	5.6.83	1883	-	-	PC	389	
6429	General Arrangement Express Engines Nos 600-609	(1" to 1') sectional side elevation and plan of 4-2-2 engine Endorsed: traced from a Kitson drawing	17.5.83	1883	600	-	PB-C	300	-
6661	Four Wheels Coupled Tank Engines Classes M15, P55-Leading and Trailing Wheels	Full size half elevation and section of wheel Endorsed: altered 6.4.08 & 6.10.13 and 16.7.14 for L77 class	23.8.83	1883	M15 P55 L77	F4 F5 N7	CP	391	
6662	Four Wheels Coupled Tank Engines Class M15-Cast Steel Coupled Wheels	Full size part elevation and section of 16 spoke wheel 4'11" diameter and details of crank pin and 1½" to 1' elevation of whole wheel	28.8.83	1883	M15	F4	Bp	389	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6662	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55-Cast Steel Coupled Wheels and Crank Pin	Full size quarter elevation and half plan of 4'10" diameter wheel on rim and 1½" to 1' elevation of complete wheel Endorsed: altered 29.4.03; see Dg No 17575 for G69 21.10.10	22.8.83	1883	M15 P55	F4 F5	CIP	391	4
6663	Four Wheels Coupled Tank Engines Classes M15, E16, O18-Cast Steel Roof Bars	Full size elevation and plan of bar as fitted to firebox and 3" to 1' elevations showing variations Endorsed: altered 5.12.88 & 8.11.00	15.10.88	1888	M15	F4	OI-C	391	
6665	Four Wheels Coupled Tank Engines Classes M15, E16, O18 (Intermediate)-Hornblock and Axle for Coupled Wheels	6" to 1" elevations, sections and plan of components Endorsed: numerous alterations; for intermediate axlebox and hornblock class P55 see Dg No 16595 7.1.09	15.10.88	1888	M15	F4	OI-C	391	
6666	Guard Bars for Engines Class M15	1½" to 1' elevations of bars to be stamped out of scrap pieces of M15 frame plates Endorsed: amended for K85 20.4.21	- .4.21	1921	M15	F4	P	389	
6667	Four Wheels Coupled Tank Engines Classes M15, E16, O18-Foundation Ring and Expansion Bracket	Full size sections of riveting detail and 3" to 1' arrangement of ring Endorsed: altered 13.3.96	8.10.83	1883	M15	F4	CP	389	
6668	Four Wheels Coupled Tank Engines Class M15-Frame	1½" to 1' elevations and plan of framing including wheels	29.11.83	1883	M15	F4	CI-C	295	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6669	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55, G69- Leading, Trailing and Intermediate Axles	Full size elevations and section of axles Endorsed: altered for class G69	29.5.83	1883	M15 P55	F4 F5	CI-C	391	
6671	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55-Frame Bracket	Full size elevations and plan of bracket	18.12.83	1883	M15 P55	F4 F5	CI-C	389	
6672	Four Wheels Coupled Tank Engines Class M15, E16-Connecting Rod	Full size elevations, sections and plan of rod Endorsed: Note! For new engines see Dg No 9360; altered 1.8.84 & 1.7.89	9.1.84	1884	M15	F4	CI-C	295	-
6673	Four Wheels Coupled Tank Engines Class M15, E16, O18, P55-Tanks, Cab and Coal Bunker	1 1/2" to 1' elevations and plan of assembly Endorsed: numerous alterations	29.9.83	1883	M15 P55	F4 F5	CI-C	295	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6674	Four Wheels Coupled Tank Engines Classes M15-Balance Weights for Driving Wheels	3" to 1' part side elevations of driving wheels showing position of weights and full size elevation and section of individual weights	- .1.84	1884	M15	F4	CI	391	
6675	Four Wheels Coupled Tank Engines Classes M15, E16, O18-Boiler	1½" to 1' elevations, sections and plan of boiler with full size details of riveting	10.1.84	1884	M15	F4	CI-C	391	
6676	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55- Westinghouse Brake Arrangement	1½" to 1' brake arrangement shown in relation to outline elevations and plan of engine Endorsed: altered 23.3.0; for position of pumps for P55 see Dg No 9404	14.1.84	1884	M15 P55	F4 F5	CI	391	
6676	Four Wheels Coupled Tank Engines-Arrangement of Westinghouse Brake	1½" to 1' brake arrangement shown in relation to outline elevations and plan of engine	- .6.85	1885	M15	F4	PB	391	
6677	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55-Frame Bracket	3" to 1' details of numerous components Endorsed: altered 13.2.11, 3.10.22, 13.7.33 & 28.8.48	15.10.07	1907	M15 P55	F4 F5	PB-C	389	
6678	Four Wheels Coupled Tank Engines Class M15, E16, O18-Westinghouse Brake Details	3" to 1' details of brake shown in relation to outline of engine Endorsed: altered 17.10.05	- .2.84	1884	M15	F4	CP	389	4
6680	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55-Details of Tanks	Full size details of components and fixings with 3" to 1' arrangement of tank connecting pipe Endorsed: altered 26.3.88	24.1.84	1884	M15 P55	F4 F5	CI-C	391	
6681	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55-Diagonal Frame Stay.	3" to 1' elevations and plan of stay	28.1.84	1884	M15	F4	CP	395	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 16.11.08 and 27.11.47			P55	F5			
6682	Four Wheels Coupled Tank Engines Class M15, E16 & O18-Spring Details	Full size elevations and plan of 10 components but not the springs Endorsed: altered 25.6.84, 12.2.86, 24.10.89 and 8.3.96	24.3.84	1884	M15	F4	CI-C	395	
6683	Four and Six Wheels Coupled Tank Engines Class M15, E16, O18, T18, K19-Trailing Sandbox and Details	3" to 1' sectional elevations and plan of sandbox with details of components Endorsed: altered 7.3.92, 7.8.98 and 24.2.92; see Dg No 16728 for P55 class 15.7.09	4.2.84	1884	M15 T81	F4 J66	CI	398	
6685	Four Wheels Coupled Tank Engines Class M15 & E16, O18 also P55-Reversing Rod Details	3" to 1' arrangement of reversing rod and full size details Endorsed: altered 17.9.89 and 6.7.07 and for T18 11.2.86 and P55	22.2.84	1884	M15 P55	F4 F5	CI-C	395	
6686	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55-Reversing Screw	Full elevations and plan of screw and bracket Endorsed: altered 25.3.87, 29.11.07 and 10.11.14; for L77 and K85 classes see Dg No 23285	25.2.84	1884	M15 P55	F4 F5	CI-C	395	
6686 Att	Alterations to Reversing Screw Bracket and Index Plate for L77 Class Engines	Full size elevation and plan of bracket Endorsed: altered 10.1.14; for L77 and K85 classes see Dg No 23285	- .9.14	1914	L77 K85	N7	P	395	
6688	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55-Ashpan Details	Full size elevations and plans of components	22.3.84	1884	M15 P55	F4 F5	CP	395	4
6689	Four Wheels Coupled Tank Engines Class M15, E16, O18, P55-Driving Sandbox and Details	6" to 1' and full size details of components Endorsed: altered 5.6.88, 18.2.92 and 14.11.92	17.3.84	1884	M15 P55	F4 F5	CP	395	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6690	Four Wheels Coupled Tank Engines Class M15, E18- Steam Pipe Casting	Full size sectional elevations and plan of casting	25.6.84	1884	M15	F4	CP	395	3
6691	Four Wheels Coupled Tank Engines Class M15, E16, O18, P55-Details of Cylinder Cock Gear	Full size elevations and plans of components Endorsed: altered for O18 14.1.93 and 5.7.06	7.4.84	1884	M15 P55	F4 F5	CP	395	
6692	Four Wheels Coupled Tank Engines Class M15, E16, O18, P55-Wrought Iron Details Sand Gear	Full size elevations and plans of components	8.4.84	1884	M15 P55	F4 F5	CP	395	
6694	Four Wheels Coupled Tank Engines Class M15- Cylinder Cock, Sand Box, Injector Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine less bunker and trailing wheels	4.4.84	1884	M15	F4	PB	395	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6695	Four Wheels Coupled Tank Engines Class M15-Leading and Trailing Wheel (Wt Iron)	Full size half elevation and plan of 12 spoke wheel 3'9" on tread Endorsed: altered 6.10.13	22.4.84	1884	M15	F4	CP	395	
6696	Four Wheels Coupled Tank Engines Class M15-Wrought Iron Coupled Wheels	Full size quarter elevation and half section of 16 spoke wheel 5'4" diameter on tread and 3" to 1' elevation of complete wheel without tyres	22.4.84	1884	M15	F4	CP	398	
6698	Four Wheels Coupled Tank Engines Class M15, E16, O18-Smokebox	3" to 1' sectional side and end elevation of smokebox and cylinders Endorsed: altered lubrication 29.11.87	29.4.84	1884	M15	F4	CP	398	
6700	Four Wheels Coupled Tank Engines Class P55, T18, E22-Strainer for Tank, Injector Rods, Pipe Clips and Clothing Studs	Full size elevations and plans of components Endorsed: altered 12.8.09	- .8.09	1909	P55 T18 E22	F5 J66 J65	P	398	
Ren									
6701	Four Wheels Coupled Engines Class G14, M15 & O18-Spring Link for Leading End of Leading Springs	Full size elevations of link and pin Endorsed: altered 21.1.80, 28.1.90 and 24.11.03	15.5.84	1884	M15	F4	CI-C	398	
6702	Four Wheels Coupled Tank Engines Class M15-Balance Weights	3" to 1' elevations showing position of weights on two wheels and full size elevations and sections of individual weights	19.5.84	1884	M15	F4	CI	398	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6704	Four Wheels Coupled Tank Engines Classes M15, E16, O18-Trailing Spring Bracket	Full size elevation and plan Endorsed: altered 27.2.03	25.6.84	1884	M15	F4	CI-C	397	
6707	General Arrangement Four Wheels Coupled Tank Engines	1½" to 1' sectional side elevation and plan of 2-4-2T engine	10.10.84	1884	M15	F4	PB-C	300	-
6708	Four and Six Wheeled Coupled Tank Engines Class M15, E16, O18, T18, K19-Sieve and Cover	Full size elevations, section and plan of components Endorsed: for tanks see Dg No 6673	15.1.85	1885	M15	F4	CP	397	3
6738	Standard Axlebox for Tenders	Full size sectional elevations and plan of axlebox for 9" x 5" journal Endorsed: altered 27.3.84 and 17.12.14	7.11.83	1883	-	-	CI-C	397	
6739	Westinghouse Brake Co Ltd-13 Inch Cylinder (to Push)	Full size sectional elevation and plan with part plan of piston	-	1884	-	-	BP	398	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6740	Standard Vertical 10 Inch Push Cylinder Trunk Piston Style	Full size section, elevation plan with details	10.7.83	1883	-	-	BP	398	
6766	Branch Pipe for Coal Water Suction Injectors Engines K15 Class, A15, T19	Full size sectional elevation and plan of two pipes Endorsed: altered for classes X45, I45, S45 9.5.06	9.1.84	1884	Y14	J15	CP	398	3
6799	General Arrangement Compound Express Engine	1½" to 1' sectional side elevation and plan of 4-4-0 engine	1.1.85	1885	G16	-	PB	302	-
6811	Standard Steam Cock for Stationery Boilers	Full size elevation, sections and plan of cock	15.2.84	1884	-	-	CI-C	295	-
6829	Luggage Van Wisbech Tramway	1" to 1' general arrangement of 12' van on 2'8¾" Mansell wheels Endorsed: built 1884; shows oil lamps but notes that gas is fitted	- .2.95	1895	Y16	604C	PB-C	290	-
6847	28Ft Bogie Tram Car	1" to 1' general arrangement of 33'10½" bogie tramcar 603C Endorsed: drawing revised 12.2.95; undated addition of 3 gas reservoirs My comment: probably revised for addition of Westinghouse brake	- .5.84	1884	Z16 A17	600C 601C 602C 603C	PB	290	-
		Full size part elevation of 6 spoke wheel 2'8" diameter, section of axlebox.			Z16	600C 601C			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6856	Cast Steel Wheel for Tramcars	Endorsed: addition to drawing showing section of wheel with tyre with 3" x 8" journal 10.10.87; further alterations 8.3.06; see Dg No 9496 for new wood wheels for Wisbech tram cars with 3" journals	21.5.84	1884	A17	602C 603C	CP	290	-
6858	Buffer for Tramcars	Full size sectional side elevation and end elevation of self contained buffer to be marked 'R'	27.5.84	1884	Z16 A17	600C 601C 602C 603C	CP	290	-
6868	Standard Dome Casing	Full size sectional elevation of casing 2'5" high from top of boiler Endorsed: additional dimensions to suit classes B77, B74, Y65	7.6.84	1884	-	-	CI-C	397	-
6868 Att	Dome Casing B77 Class	Full size sectional elevation of casing 2' 0 7/8" high from top of boiler	15.7.14	1914	B77	Y4	P	397	-
6880	Wagon Wheel and Axle	1" to 1' elevation and section of wheel set with 3'1" diameter 8 spoke wheel and section of tyre	12.7.84	1884	-	-	CP	290	-
6894	Half Inch Hydraulic Stop Valve for 1,000 Lbs.Pressure per Sq. In	Full size elevation, section and plan	8.9.84	1884	-	-	CP	295	-
6895	Plate Glass Trolley GNR	1 1/2" to 1' general arrangement of 4 wheel trolley 12' inside length	- .9.84	1884	-	-	PB-C	276	-
		1 1/2" to 1' general arrangement of 19' high sided open truck							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6899	General Arrangement of 19Ft Egg Truck	Endorsed: superseded see Dg No 6899 dated 3.98; wheelbase altered to 13'2½" 5.9.89; end elevation shows pole across the top centre of wagon, marked 'not approved by Goods Department'	- .11.84	1884	C18	13W	CP	290	-
6921	Main Line Composite Carriage	1" to 1' general arrangement of 34' body and underframe of 6 wheel carriage	14.11.84	1884	N15	202C	PB-C	290	-
6930	3Ft 11ns Cast Steel Bogie Wheel	Full size half elevation and plan of 9 spoke wheel and 3" to 1' elevation and section of complete wheel used for T19 rebuild	2.9.84	1884	T19	D13	CP	396	3
6949	Tramcar Detail	3" to 1' details of ironwork, buffers, buffing gear, etc Endorsed: altered 26.3.90	-	1884	Z16 A17	600C 601C 602C 603C	CP	290	-
6959	Royal Mail Van	1" to 1' general arrangement of 6 wheel body 34' long with body and running gear detail	18.4.85	1885	E18	703C	P-C	210	-
6960	Royal Mail Van-Internal Arrangement	1" to 1' elevations and plan of interior of 34' body Endorsed: profile of roof the same as No 10 saloon	22.4.85	1885	E18	703C	P-C	210	-
6960	Royal Mail Van S25-Internal Arrangement	1" to 1' internal elevations of sides and ends and half plan	20.4.85	1885	S25	700C	CP	290	-
6976	Standard Lamp Irons and Disc Holders	Full size elevations and plans of fittings and diagram of tender and bunker ends and front of engine showing location of the three lamp irons and disc holder Endorsed: altered 30.4.13	13.1.06	1906	-	-	CI-C	397	-
6990	Diagrams of Compound Engine	Three Indicator diagrams scale 80lbs to 1 inch	7.5.85	1885	-	-	PB	397	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7000	Screw Jack (for Running Department)	6" to 1' sectional elevation of jack with cast steel body 2'4" high Endorsed: altered 18.11.86 and 17.7.02	11.6.85	1885	-	-	CP	397	
7006	Hooks for ½", 5/8" and ¾" Chains	Full size elevations of three types of hook	8.7.85	1885	-	-	CP	397	
7008	General Arrangement of Tender for Express Engines	1½" to 1' elevations, sections and plan of tender capacity 2,755 gallons	11.7.85	1885	-	-	PB	301	-
7011	Rubber Testing Machine	1½" to 1' side and end elevation of complex machine for testing drawbar and buffing rubbers	6.8.85	1885	-	-	CP	397	
7015	Agricultural Engine Truck	1½" to 1' general arrangement of 25'6" truck, with 20' wheelbase Endorsed: scheme only	4.12.85	1885	-	-	PB-C	329	
7041	Standard Carriage Wheel and Axle	Full size section of 3'6½" diameter wheel and 3" to 1' elevation and section Endorsed: superseded by Dg No 13099	23.1.86	1886	-	-	CIC	329	
7042	Four Wheels Coupled Tank Engines Classes M15, E16	Full size part elevations, section and plan of rod and 3" to 1' elevation of complete rod	24.11.85	1885	M15	F4	CP	397	
7051	Standard 5 ¾" Regulator	Full size elevations, sections and plan Endorsed: altered 6.2.90, 26.2.91, 8.6.94, 22.11.01, 38.9.06 and 16.10.09	15.5.89	1889	-	-	CI-C	295	-
7054	Alteration to Y14 Motion Plate for Tank Engines Class O18	6" to 1' sections and plan	5.1.86	1886	O18	F4	CP	396	4
7057	Branch Pipe and Regulator Rod	Full size elevations and sections of components, 3" to 1' arrangement for compound goods D&P208 Endorsed: altered for P55 1.1.08	6.1.86	1886	-	-	CI-C	397	
7060	Alteration of Y14 Cylinders for Engines O18 Class	3" to 1' part elevations of cylinder	30.12.85	1885	Y14	J15	CP	396	
7066	Standard Bracket	Full size elevations and plan of bracket Endorsed: altered for classes E72, compound goods E22 and S69	18.7.88	1888	-	-	CI-C	396	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7067	Arrangement of High Sided Goods Wagon with Steel Underframe Class U18	1½" to 1' elevations and plan and half plan of underframe of 15' wagon, 9' wheelbase, 5 plank body 2'10¾" deep load 9 tons.	22.9.85	1885	U18	16W	CIC	329	
7067	Arrangement of High Sided Goods Wagon with Steel Underframe Class U18	1½" to 1' elevations and plan and half plan of underframe of 15' wagon with bulb angle solebars	28.4.86	1886	U18	16W	PB	329	
7074	Drawhook and Couplings for Goods Waggon with Steel Underframe U18	*full size elevation and plan of drawhook and 3" to 1' of 3 link coupling	19.2.86	1886	U18	-	CP	329	
7081	20 Ton Boiler Trolley	1 ½" to 1' general arrangement of 34' bogie trolley wagon with 20' well, 3'4" bogie wheelbase and 3'1" wheels My comment: not built	20.1.86	1886	-	-	CI-C	295	-
7082	Crank Axles for Classes E22, No 1, No 562, for Single Wheels Express Engines with 25in Stroke and D27 Class	3" to 1' elevations of 4 types of crank axles Endorsed: No 2 sheet; originally dated 20.1.86	7.6.95	1895	E22 D27	J65 I -	CI-C	295	-
7083	(Crank Axles for Classes) O18, R10, 477, G14, 437, No 1	1½" to 1' elevations My note: untitled and appears to be unfinished	20.1.86	1886	-	-	CI-C	396	
7083 Sheet 1	Crank Axles for Classes R10, G14, Y14, G15, M15, O18, T18, N31	3" to 1' elevations of crank axles Nos 1, 1A, 2 to 8 Endorsed: altered 9.9.95; see Dg No 17576 for G69	13.3.95	1895	-	-	CI-C	396	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7083	Crank Axles for Classes R10, T19, C32, T26, Y14, G15, M15, O18, T18, N31, P55, E10, X13	3" to 1' elevations of crank axles Nos 1 and 1A, 2 to 8	- .3.07	1907	-	-	BP	396	
7083 Part Sheet I	Engines Class J66-J69 Crank Axle	3" to 1' elevation of crank axle	- .4.32	1932	-	J66-69	BP	396	
7084	Gangway for Royal Mail Van	3" to 1' elevations and plan of 2'8" wide gangway	- .1.86	1886	-		CI-C	329	
7086	Standard Carriage and Wagon Buffer Socket	Full size sectional elevations and elevations for carriage guide A and B and wagon L and M. Endorsed: not used for new stock 5.2.03; elephant van buffer guide with 4 holes to be marked Y; for renewals marked M see guides marked A1 20013 23.3.15 and other alterations to suit other stock	26.1.86	1886	-	-	CIC	329	
7087	Four Wheels Coupled Tank Engines Class O18- Reversing Shaft	Full size details of shaft and 1½" to 1' arrangement Endorsed: altered for X18 22.10.86	27.1.86	1886	O18	F4	CI-C	396	
7089	Standard Glass Gauge and Cock	Full size elevations and details of fittings Endorsed: altered for classes B74, L77, K89 5.10.23	5.2.86	1886	-	-	CI-C	396	4
7089 Att	Express Engines Class 1500 Type B12 Test Cock	Full size sectional elevation Endorsed: also for Classes D14-D16, J16-J19 types with boiler to Dg No 29803 4.11.31	3.5.19	1919	1500	B12	P	396	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7089 Part	Engines Types E4, J15, F3-Test Cock	Full size sectional elevation My note: the three drawings above are stapled together	- .2.38	1938	-	E4 J15 F3	P	396	
7091	Four Wheels Coupled Tank Engines-Spring for Reversing	Full size side and end elevation of coil spring Endorsed: marked for classes T18, K19, O18, D&P 203, T19, S20, D20, U20, T26, D27, P55 Endorsed: altered 24.3.90 and 10.10.00	9.2.86	1886	T18	J66	CI-C	396	
7092	Cast Steel Crosshead for Engines Classes U20, F21, R21, M18, O18, T18, T19, S20, K19, H21, T21	Full size sectional elevations and half plan of crosshead Endorsed: superseded by Dg No 29647	9.2.86	1886	-	-	CI-C	396	
7106	Six Wheels Coupled Tank Engines Class T18, K19, H21, G75-Wheel	Full size part elevation and half plan of 15 spoke cast iron wheel 4'0" diameter on tread and sections of spokes Endorsed: pattern of Y14 to altered	25.1.86	1886	T18	J66	CI-C	415	
7107	Six Wheels Coupled Tank Engines Class T18, K19, H21, T21-Roof Bars	Full size elevations, section and plan of bar and 3" to 1' of variations Endorsed: altered 21.9.88 and 8.11.00	12.12.85	1885	T18	J66	CI-C	413	
7108	Six Wheels Coupled Shunting Engines T18, K19, H21-Crank Axle	Full size elevations of crank and 3" to 1' arrangement of complete axle	1.12.85	1885	T18	J66	CI-C	415	
7109	Six Wheels Coupled Tank Engines Classes T18, K19, H21, E22, G75-Leading and Trailing Axle	Full size half elevation of axle and 3" to 1' elevation of complete axle	26.1.86	1886	T18	J66	CI-C	414	
7110	Tank Engines Class T18, K19, H21, T21-Frame	1 1/2" to 1' elevations and plan of main and outside frame showing wheels and springs Endorsed: altered 29.4.95	13.7.86	1886	T18	J66	CI-C	413	3
7111	Alteration of Wedge Screw for F22 Class	Full size sectional elevations and plan	16.10.88	1888	F22	J45	PR	414	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part	Alteration of Wedge Screw for L22 Class	Full size sectional elevations and plan	16.10.86	1886	L22	J65	CI	416	
7115	Six Wheels Coupled Tank Engines Class T18, K19, H21-Coupling Rod	Full size elevation and plan of rod Endorsed: altered 2.11.86; cancelled see Dg No 7713 30.8.92	5.2.86	1886	T18	J66	CI-C	413	
7116 Ren	Tank Engines Classes T18 & Y65-Connecting Rod	Full size elevation and plan of connecting rod Endorsed: altered 19.7.21 and 7.5.23	11.3.09	1909	T18	J66	CI-C	415	
7117	Six Wheels Coupled Tank Engines Class T18, K19, H21, Six Wheels Coupled Goods Engines N31-Crank Pins	Full size details of 3 types of pin Endorsed: N31 dimensions added 14.1.92; altered 4.9.89 and 13.2.96	8.2.86	1886	T18 N31	J66 J14	CI-C	416	
7117	Six Wheels Coupled Tank Engines Class J66-69-Coupling Rod Crank Pins	Full size elevations of 2 types of pin Endorsed: altered 20.12.30	7.2.20	1920	-	J66-69	BP	416	
7118	Six Wheels Coupled Tank Engines Class T18, K19, H21-Frame Brackets	Full size elevations of bracket Endorsed: altered 20.10.03 for N23, for N33 and future engines see Dg No 8516	13.2.86	1886	T18	J66	CI-C	415	
7119	Six Wheels Coupled Tank Engines Class T18, K19, H21-Buffer Stay	Full size elevations and plan of stay Endorsed: altered 16.5.87 for class D20	15.2.86	1886	T18	J66	CI-P	415	
7120	Six Wheels Coupled Tank Engines Class T18-Foundation Ring, Expansion Brackets and Sling Links	3" to 1' arrangement of foundation ring and expansion bracket with full size details of fittings Endorsed: altered for P29 and future engines see Dg No 8519	16.2.87	1887	T18	J66	CI-C	414	
7121	Tank Engines Classes T18, K19, H21-Hand Brake Arrangement	1½" to 1' elevations and plan showing arrangement on outline of engine Endorsed: for T21 fitted with Westinghouse brake see Dg No 7150	17.2.86	1886	T18	J66	CP	413	4
7122	Six Wheels Coupled Tank Engines Class T18, K19, T21-Brake Details	3" to 1' elevations and plans of brake components and column Endorsed: altered 23.3.04; for other details for T21 see Dg No 7151	17.2.86	1886	T18	J66	CI	413	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7123	Six Wheels Coupled Tank Engines Classes T18, K19, H21-Spring Arrangement and Details	3" to 1' arrangement and full size details of components Endorsed: altered 10.7.88	27.2.86	1886	T18	J66	CP	415	4
7125	Six Wheels Coupled Tank Engines Class T18, K19, H21, R&S24-Motion Plate and Slide Bar	3" to 1' arrangement of motion plate and motion bar and full size details of components Endorsed: altered 10.1.88, 5.10.98 and 24.7.39	4.3.86	1886	T18	J66	CI-C	415	
7126	Six Wheels Coupled Tank Engines Class T18, K19, H21, E22, G75-Reversing Shaft	Full size elevations of shaft and 3" to 1' arrangement Endorsed: altered 23.10.88, 4.11.98 and 25.2.04	-	1886	T18	J66	CI-C	415	
7127	Six Wheels Coupled Tank Engines Class T18, K19, H21, X13, G75-Front Cover, Piston and Rod	Full size sections and plan of components Endorsed: numerous alterations up to 11.5.48	11.3.86	1886	T18	J66	CI-C	413	
7127	Six Wheels Coupled Tank Engines Class T18 (J66-69)-Front Cylinder Cover, Piston and Rod	Full size elevations of components	- .3.20	1920	T18	J66	P	416	
7127 Part	16½Inches Diameter Piston Engines Type J66	Full size sectional elevation and plan Endorsed: altered 8.34 and 10.9.40	29.6.17	1917	-	J66	P	416	
7128	Six Wheels Coupled Tank Engines Class T18-Right Hand Injector	Full size elevations, sections and plan	18.3.86	1886	-	-	CI-C	295	-
7129	Six Wheels Coupled Tank Engines Class T18-Left Hand Injector	Full size elevations, sections and plan	18.3.86	1886	T18	J66	CI-C	295	-
	Six Wheels Coupled Tank Engines Classes T18, K19	Full size arrangement with details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7131	Six Wheels Coupled Tank Engines Classes T18, K19, H21, T21, G75, B74-Reversing Lever, Sector and Rod	Endorsed: altered 29.9.13 for G75; see Attachment for B74	24.3.86	1886	T18	J66	CI-C	414	
7131 Att	Alteration to Reversing Sector B74 Class	Full size elevations of sector	- .5.13	1913	B74	Y4	P	414	
7132	Six Wheels Coupled Tank Engines Classes T18, K19, H21, G75-Leading Sand Box and Details	6" to 1' elevations and plan of sand box with full size details Endorsed: altered 27.8.89 and 31.8.92; for B74 5.13	24.3.86	1886	T18	J66	CI	414	
7133	Six Wheels Coupled Tank Engines Classes T18, E22, G75-Footsteps	3" to 1' elevations and plan of two sets of footsteps Endorsed: altered 6.12.95 for B32; altered 16.12.03 for S56 class	3.12.95	1895	T18	J66	CI-C	414	
7134	Six Wheels Coupled Tank Engines Class T18-Cab and Tanks	1 1/2" to 1' elevations and plan of cab and tank Endorsed: altered 10.10.87 for class H21; altered 2.7.88 for class T21	31.3.86	1886	T18	J66	CI-C	295	-
7135	Six Wheels Coupled Tank Engines Classes T18, K19, H21-Clothing Arrangement	1" to 1' elevations and plan of engine	2.4.86	1886	T18	J66	PB	414	3
7136	Six Wheels Coupled Tank Engines Classes T18, K19, H21, G75-Details of Cylinder Cock Gear	Full size details of components Endorsed: altered 17.9.95 and 13.5.01; for other details see Dg No 7137	2.4.86	1886	T18	J66	CI	414	
7137	Six Wheels Coupled Tank Engines Classes T18, K19, T21, H21, G75-Leading Sandbox	Full size elevations and plans of 13 components Endorsed: altered for engines with 180lbs pressure 11.5.01	- 4.86	1886	T18	J66	CI	413	
7138	Six Wheels Coupled Tank Engines Class T18, P29, G75-Tank Connection Pipe	Full size section and plan of pipe connection and 3" to 1' elevation of connecting pipe	15.11.95	1895	T18	J66	CI-C	416	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered for B32 class 20.11.95							
7138 Ren	Tank Connection Pipe-Engines J67-69 and Y4	Full size section and elevation of pipe connection and 3" to 1' elevation of connecting pipe	20.11.47	1947	-	J67 J67 J69 Y4	P	416	
7138 Att	Four Wheels Coupled Shunting Engine Class B74-Tank Connection Pipe	3" to 1' elevation of pipe	15.5.13	1913	B74	Y4	P	416	
7139	Six Wheels Coupled Tank Engines Class T18, K19, H21-Ashpan Arrangement	3" to 1' elevations, section and plan of ashpan in relation to firebox and full size details of fixing Endorsed: several alterations to 1.34	3.4.86	1886	T18	J66	CI-C	413	
7140	Six Wheels Coupled Tank Engines Classes T18, K19, H21, G75-Ashpan Details	3" to 1' and full size elevations and plans of 9 components Endorsed: altered 7.5.01 and 3.5.06	3.4.86	1886	T18 G75	J66 J68	CI-C	414	
7140 Att	Six Wheels Coupled Tank Engines Class T18 with Double Riveted Foundation Ring Corners, Details of Ashpan	Full size details of 4 components Endorsed: altered 18.8.06; Dg No 29340 for J69 type	- .5.06	1906	T18	J66	CI-C	414	
7142	Six Wheels Coupled Tank Engines Class T18, K19, H21-Stays for Tanks	Full size elevations of stays and method of attachment to boiler Endorsed: altered 15.8.07 for boilers to Dg No 15938	15.4.86	1886	T18	J66	CP	413	4
7143	Six Wheels Coupled Tank Engines Class T18, K19, H21, T21-Smokebox	3" to 1' sectional side and end elevation of smokebox and cylinders Endorsed: altered 3.12.91 and 14.3.92	20.4.86	1886	T18	J66	CIP	413	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7144	Six Wheels Coupled Tank Engines Classes T18, K19, H21-Suction Pipe, Elbow, Injector Rod Guides and Brake Column Stay	Full size details of components	22.4.86	1886	T18	J66	CP	416	
7145	Six Wheels Coupled Tank Engines Class T18-Arrangement of Motion	3" to 1' elevations and plan of motion including cylinders	26.5.86	1886	T18	J66	CI-C	295	-
7146	Arrangement of Firebrick Arch for Tank Engines T18	1½" to 1' sectional elevations of arch	31.5.86	1886	T18	J66	CP	416	4
7148	Six Wheels Coupled Tank Engines Class H21-Trailing Sandbox and Details	6" to 1' sectional elevation and plan of sandbox and full size details of components	23.9.87	1887	H21	J66	CP	416	
7149	Six Wheels Coupled Tank Engines Class H21-Leading Driving and Trailing Springs	Full size half elevation, section and plan of 11 plate spring 2'11¼" centres unloaded	16.4.88	1888	H21	J66	CI-C	416	
7150	Six Wheels Coupled Tank Engines Class H21-Arrangement of Westinghouse Brake	1½" to 1' outline elevations and plan of engine showing brake arrangement Endorsed: altered 23.3.04	31.5.88	1888	T18	J66	PB-C	415	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7151	Six Wheels Coupled Tank Engines Class H21- Westinghouse Brake Details	3" to 1' elevations and plans of components	18.5.88	1888	T18	J66	CP	415	
7152	Six Wheels Coupled Tank Engines Classes E22, R24 with 140lbs and 160lbs Pressure-Reversing Gear	1½" and 3" to 1' details of components Endorsed: for engines with 180lbs pressure see Dg No 11589, for goods tank engines see Dg No 7131	- .2.07	1907	E22	J65	CI-C	415	3
7159	Hydraulic Straightening Machine 14 Inch Cylinder	3" to 1' elevations, section and plan	8.1.86	1886	-	-	TI-C	295	-
7161	Hydraulic Wheel Making Machine	3" to 1' elevations, section and plan of machine	9.2.86	1886	-	-	TI-C	295	-
7173	14 Ton Steel Frame Machine Truck G19, O19-Bearing Spring	Full size elevation, section and plan of 5 plate spring 3'1" unloaded Endorsed: altered 6.10.08 & 19.11.08 and other modifications; for all new springs see Dg No 16616	3.9.86	1886	G19 O19	25W	CIC	329	
7175	14 Ton Steel Frame Machine Wagon-Axle	6" to 1' elevation of axle 7'2¼" Endorsed: altered 17.4.96 for furniture wagon class R37; altered for wagons subsequent to H25 23.7.90	9.4.86	1886	-	25W	CIC	329	
7177	Steel Underframe for 34Ft 6Ins Carriages	1½" to 1' elevations, sections and plan of 33'10½" underframe with 22'6" wheelbase, bulb angle steel solebars, brake and gas cylinder details	30.4.86	1886	-	-	CIC	329	
7178	14 Ton Machine Truck	1½" to 1' general arrangement of 25'6" truck with 15'1" bed Endorsed: label clip and securing rings modified undated	- .4.86	1886	G19	25W	PB	329	
7179	Steel Underframe for 27Ft 0¾Ins Carriages	1½" to 1' elevations, sections and plan of 26'11" underframe with	28.5.86	1886	-	-	CIC	329	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7177	Steel Underframe for 27T C-74ins Carriages	15'6" wheelbase, bulb angle steel solebars, brake and gas cylinder details	28.3.86	1886	-	-	CIC	327	
7185	Cast Steel Wheels for 14 Ton Machine Truck	Full size half elevation and section of 2'8" wheel on tread Endorsed: to be used for Furniture Wagon R37 and 10 Ton Machine Wagon A63 17.4.96 Endorsed: altered for future classes 27.9.09	-	1886	G19 R37 A63	25W 19W 24W	CIC	329	
7204	Ballast Wagon	1½" to 1' general arrangement of 12' long 3 plank dumb buffered ballast wagon with steel frames, full size sectional details of side door hinge My note: undimensioned and unfinished	1.6.86	1886	-	-	CIC	329	
7204	Ballast Wagon with Steel Underframe	1½" to 1' general arrangement of 12' wagon with dumb buffers Endorsed: door stop altered 23.6.98	14.6.98	1898	-	40W	PB-C	248	-
7213	Steel Underframe for 32Ft Carriages	1½" to 1' elevations, sections and plan of 31'4½" underframe with 20' wheelbase, bulb angle steel solebars, brake and gas cylinder details	24.6.86	1886	-	-	CIC	329	
7220	34'6" Composite Lavatory Carriage	1" to 1' general arrangement of carriage with sections and half plan of interior and of wood frame	11.11.86	1886	E19	203C	CI-C	383	
7227	Four Wheels Coupled Express Engines Class T19, S20, F21, LM68-Cylinders	3" to 1' elevations, section and plan of cylinders Endorsed: numerous alterations	22.7.86	1886	T19	D13	PB	406	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7228	Leading Axle for Engines Classes T19, T26, D27, C32 and Trailing Axle for Engine Classes C32 Only	Full size half elevation of axle for journal 9" x 6" and 3" to 1' elevation of complete axle length 7'8½"	28.2.95	1895	T19 T26 D27	D13 E4 -	CI-C	406	
7229	Four Wheels coupled Express Engines Classes T19, S20, F21-Driving and Trailing Spring details	Full size elevations of 7 components Endorsed: altered 9.4.02; for T24 class and future engines see Dg No 8077 24.1.90	13.7.86	1886	T19	D13	CI-C	406	3
7230	Four Wheels Coupled Express Engines Class T19, S20- Leading Spring Details	Full size details of 7 components Endorsed: altered for single express LM68 7.9.88, see Dg No 7739	18.10.87	1887	T19	D13	PB	406	3
7231	Engines Classes T19, T26, D27, C32-Inside Leading Axlebox and Hornblocks	6" to 1' sectional elevations and plan of assembly Endorsed: altered 21.7.93; this drawing worked to for C32 and future engines of the above classes	20.7.92	1892	T19 T26 D27 C32	D13 E4 - F3	CI-C	406	
7232	Four Wheels Coupled Express Engines Class T19, T26, D27, C32-Outside Axlebox	6" to 1' elevation, section and plan of axlebox Endorsed: altered hornblock only; for axlebox T19, T26, D27 see Dg No 9617 for C32 class see Dg No 13678 7.4.04	12.11.91	1891	T19 T26 D27 C32	D13 E4 - F3	CI-C	416	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7233	Four Wheels Coupled Express Engines Class T19, S20, F21, C32, N31-Driving and Trailing Hornblock and Axlebox	6" to 1' elevations and plan Endorsed: see Dg No 9341; altered 17.11.92	19.7.86	1886	T19 C32 N41	D13 F3 J14	OI	409	
7234	Four Wheels Coupled Express Engines Class T19, S20, F21, LM68-Boiler	1½" to 1' sectional elevations and plan of boiler with details of riveting	22.7.86	1886	T19	D13	CI-C	409	3
7235	Four Wheels Coupled Express Engines Classes T19, S20, F21, LM68 and Tank Engines Class C32, S44-Reversing Shaft	Full size arrangement details of shaft and 3" to 1' arrangement of cast steel shaft Endorsed: altered for later classes	5.8.86	1886	T19	D13	CI-C	407	
7236	Connecting Rod Engines Classes T19, T26, D27, N31, C32	Full size elevations, plan and section of rod Endorsed: alteration to white metalling of big end for T26 with built up crank axles and other alterations	- .3.96	1896	T19	D13	CI-C	407	
7236	Four Wheels Coupled Express Engines Class T19, S20, F21, LM68, T26, D27, C32 Goods Engines N31-Connecting Rod	Full size elevations and plan of rod and 3" to 1' arrangement	23.7.86	1886	T19	D13	CI-C	409	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: numerous alterations to 6.4.25							
7236	Connecting Rod Engines Classes T19, T26, D27, N31, C32	Full size elevations and plan of connecting rod with 6" to 1' part elevation showing alteration to white metalling for big end brasses for engines class T26 with built up crank axles	- .8.97	1897	T19	D13	BP	409	
7238	Four Wheels Coupled Express Engines Classes T19, S20, F21, LM68, T26, G27, N31, Tank Engines Class C32, S44-Valve Spindle Guide	Full size sectional side elevation, end elevation and plan of guide Endorsed: altered 11.2.92 for class V29	27.7.86	1886	T19	D13	CI-C	406	
7239	Engines Classes T19, T26, D27, C32, N31, M15 Rebuilt, S44, S46, F48, G58-Eccentric Sheaves	Full size elevations of sheaves and 3" to 1' elevation of sheave angles for named classes	22.1.95	1895	T19	D13	CI-C	406	
7243	Four Wheels Coupled Express Engines Classes T19, S20, F21-Expansion Bracket and Sling Stays	Full size details of stays and 3" to 1' elevations of bracket Endorsed: altered 17.10.90 for T26 class; cancelled 7.7.92 see Dg No 8663	5.8.86	1886	T19	D13	CI-C	406	
7244	Four Wheels Coupled Express Engines Class S20-Motion Arrangement	3" to 1' elevations and plan of motion My comment: flaking but no serious loss of detail	- .12.97	1897	S20	D13	CI-C	312	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7245	Four Wheels Coupled Express Engines Classes T19, S20, F21, LM68, T26, D27, M15 Rebuilt, Goods Engines N31-Valve Spindles	Full size elevations and plan of components Endorsed: altered 25.2.91, 10.5.04 and 29.9.04	18.8.86	1886	T19	D13	CI-C	406	3
7249	Four Wheels Coupled Express Engines-Slide Bar for T19, S20, F21, T26, N31	3" to 1' arrangement of slide bar and full size details of fittings	16.8.86	1886	T19	D13	CP	406	3
7250	Four Wheels Coupled Express Engines Class T19, S20, F21-Driving Sand Box 13	6" to 1' sectional elevation and plan of sand box Endorsed: altered for class LM68; T26 (Z30) see Dg No 8574 24.6.92	13.8.86	1886	T19	D13	CP	407	
7251	Standard Valve and Valve Spindle for Main Lines Engines Classes T19, T26, D27, N31, C32, M15 Rebuilt, S44	Full size elevations, sections and plan of components Endorsed: altered 12.3.98, 11.11.03, 1.2.07 and 13.3.08	15.11.93	1893	T19	D13	CI-C	407	
7252	Arrangement of Reversing Gear for Engines No 710 (T19 Class)	1½" to 1' arrangement and full size details of fittings	25.8.86	1886	T19	D13	CI-C	407	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7254	Four Wheels Coupled Express Engines Class T19, S20, F21-Ashpan	3" to 1' arrangement of ashpan with full details of construction	21.9.86	1886	T19	D13	CP	407	
7255	Four Wheels Coupled Express Engines Class T19, S20, F21-Ashpan Details	Full size details of components	15.12.86	1886	T19	D13	CP	406	
7256	Four Wheels Coupled Express Engines Classes T19, S20, F21, F29-Cab and Splashes	1½" to 1' elevations and plan of splashes Endorsed: altered 10.1.87 and 8.10.04	25.9.86	1886	T19	D13	PB	406	
7257	Four Wheels Coupled Express Engines Class T19-Blast Pipe	Full size section and elevation and plan of blast pipe top and half of base Endorsed: altered for T24 and engines with shortened smokebox	27.9.86	1886	T19	D13	CP	407	
7258	Express Engines Class T19-Smokebox	3" to 1' sectional side and end elevation of smokebox and cylinders Endorsed: altered for class LM68; altered 18.9.07 My note: appears to be a print taken from a coloured photo tracing	22.3.87	1887	T19	D13	BP	409	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7259	Engines Classes T19, T26, D27, C32-Leading Splasher (Leading and Trailing C32 Class)	Full size elevation and plan	15.10.95	1895	T19 C32	E4 F3	CI-C	247	-
7260 Ren	Four Wheels Coupled Express Engines Class T19- Reversing Gear	Full size elevations and plans of several components and 3" to 1' arrangement of assembly	11.10.95	1895	T19	D13	CI-C	409	
7265	Sand Box and Cylinder Cock Gear T19, S20, F21	Full size details of fittings Endorsed: altered for LM68 and S69 classes	- .4.06	1906	T19	D13	CI-C	407	
7265	Sand Box and Cylinder Cock Gear Engines Class T19	Full size details of fittings Endorsed: altered for LM68 and S69 classes	- .4.06	1906	T19	D13	CI-C	407	
7266	Pipe Clips, Union Injector Rods, Clothing Studs and Connecting Pieces for Lagging Bands T19	Full size details of components Endorsed: altered 29.8.88 for class LM68 and other alterations	9.2.97	1897	T19	D13	CI-C	407	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7268	Outside Leading Spring Express Engines T19 Class T26, D27, Outside, Leading and Trailing Tank Engines C32	Full size half elevation and plan with section of 13 plate spring 3'6" loaded	18.3.87	1887	T19	D13	CI-C	407	
7268	Eight Wheel Main Line Tank Engines Class C32-Framing	1½" to 1' elevations, sections and plan of framing	29.11.92	1892	C32	F3	CI-C	247	-
7269	Inside Leading Spring Express Engines T19 Class T26, D27, Inside Leading and Trailing Tank Engines Class C32	Full size half elevation and plan with section of 7 plate spring 3'6" loaded Endorsed: altered 3.11.08	21.3.87	1887	T19	D13	CI-C	407	
7305	Accident Trolley	3" to 1' elevations and plan of trolley with 3'6" wheelbase My comment: probably for use with hand accident crane	9.10.86	1886	-	-	CI-C	247	-
7310	Steel Wheel for Accident Trolley	Full size elevation and section of flanged disc wheel 1'10" on tread	14.10.86	1886	-	-	CI-C	408	
7350	4 Inch Stop Valve for Stationary Engines	Full size elevation and section of valve with 3" to 1' details	10.12.86	1886	-	-	CI-C	408	
7379	Cast Iron Strainer for Feed Cock-Tenders H17, Z14, L15	Full size elevations of strainer Endorsed: altered 23.10.06; and for all new tenders	-	1886	H17 Z14 L15	-	CP	408	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7379 Att	Alteration to Holes in Tender Strainer	Full size elevations of strainer fitted to tank corner	23.10.06	1906	-	-	CI-C	408	
7394	Standard Injector Steam Cock	Full size sections, elevations and plan of cock Endorsed: numerous alterations to suit various classes up to S56	3.10.90	1890	-	-	CI-C	408	
7400 A	Standard Axle Arms	6' to 1' sections and elevations of Nos 1 to 5 axlearms with a list of applicable vehicles Endorsed: No 4 superseded see Dg No 10215, No 5 superseded see Dg No 10341	- .6.95	1895	-	-	PB-C	329	
7415	Arrangement of Westinghouse Pump and Fittings for Engines Nos 61 to 75 and 221 to 220	1½" to 1' part side elevation and half end elevation showing position of pump	5.4.87	1887	61	-	CP	408	
7422	Bed for Model Link Motion	3" to 1' side elevation, sectional end elevation and plan of cast iron bed	25.4.87	1887	-	-	CP	408	
7423	Water Tank and Crane	¾" to 1' sectional elevation and plan of parachute type tank with crane beneath and 3" to 1' details valves and fittings	2.5.87	1887	-	-	CP	408	3
7424	Standard Tender Spring	Full size half elevation and plan with section of 12 plate spring 3'10" unloaded	9.5.97	1897	-	-	CP	408	
7426 B	Details of Ironwork for High Sided Wagon	3" to 1' details of 92 components for wood framed stock Endorsed: altered 11.4.93 for F34 class; 16.9.96; supersedes Dg No 7426 dated 19.7.87	24.12.92	1892	-	16W	PB-C	329	
7432	Standard Springs for Road Vehicles	3" to 1' details of 12 types of spring with a schedule of vehicles they were applied to	1.4.89	1889	-	-	CI-C	329	
7436	Compound Goods Engines Class D&P203-Cylinders	3" to 1' elevations, sections and plan of cylinders Endorsed: undated alteration	16.5.87	1887	-	-	PB	409	
7441	Six Wheels Coupled Tank Engines Classes T18, E10, R10, O11, X13-Back Cylinder Cover for Piston Rods with Enlarged Ends	Full size elevation, sectional end elevation and plan Endorsed: back cover with metallic packing see Dg No 13675 4.12.03	28.1.91	1891	T18	J66	CP	409	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7446	Engines Classes T19, T26, D27, N31, C32, F48-Driving and Trailing Hornblocks	6" to 1' elevations, sections and plan of hornblocks Endorsed: alterations up to 5.35 to include N32, G58 and L77	7.4.92	1892	T19	-	CI-C	409	
7446	Compound Goods Engines Class D&P203-Leading Driving and Trailing Hornblock	6" to 1' elevations and plans Endorsed: altered 9.7.88 and 2.11.89	19.5.87	1887	D&P203	-	CI-C	409	
7452	Compound Goods Engines D&P203-Eccentric Strap and Rod	Full size elevations and plan of components Endorsed: numerous alterations to include classes T19, T26, D27, C32, M15 rebuilt, S44, F46, F48, G58, H50 goods engines G69, N31; not required for D56 see Dg No 11469	4.8.87	1887	-	-	CI-C	409	3
7460	Four Wheels Coupled Tank Engines Class O18, P55-Driving Spring	Full size half elevation and plan and section of 10 plate spring 3'4½" unloaded	13.5.87	1887	O18 P55	F4	CP	408	4
7467	Snow Plough	1½" to 1' elevations and plan of wedge shaped timber plough and ¼" to 1' side elevation arrangement mounted on front of Y14 class engine	17.6.87	1887	-	-	CP	408	
7471	Details of Model Link Motion	3" to 1' elevations and plan of several components	29.6.87	1887	-	-	CP	409	4
7478	Details of Ironwork for 16Ft Steel Underframe G33	3" to 1' details of components for horsebox underframe Endorsed: superseded for J39 and future classes by Dg No 9777; alterations to brake rack and lever 11.8.94	22.6.93	1893	G33	16M	CP	329	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: former number 7478B							
7478	Body Ironwork for Horse Box C44	3" to 1' details of numerous components Endorsed: altered for class H53 and future classes 18.9.01 and M54 and future classes 8.02, and F57 etc. 7.4.10; suffix 'E' removed from Dg No 28.6.06	6.4.98	1898	C44	16M	PB	329	3
7496	Six Wheels Coupled Goods Engines-Leading Driving and Trailing Hornblock Y14	6" to 1' elevations and plan of hornblock Endorsed: this for repairs only for new work see Dg No 10737 20.12.06	4.8.87	1887	Y14	J15	CI-C	408	
7502	Standard Gunmetal Hinges	Full size details of 3 hinges My comment: probably for horse boxes	-	-	-	-	PB	249	-
7516	Details of Model Link Motion	3" to 1' elevations and plans of numerous components	29.8.87	1887	-	-	CP	402	3
7520	Cast Iron Work and Door Spring for Horse Box	6" to 1' details of 6 components	23.1.89	1889	-	-	PB	249	-
7536	Alteration to Ironwork for Batten Wagon M21	3" to 1' details of ironwork for timber frame, CI brake blocks to Dg No 7973 (or 7073)	12.9.87	1887	M21	30W	CP	249	-
7539	Cast Iron Cover for Trailing Sand Boxes Class M15	Full size sectional elevations and plan of cover	17.9.87	1887	M15	F4	CP	402	
7546	Details of Model Link Motion	3" to 1' and full size elevations and plan of numerous components	3.10.87	1887	-	-	CP	402	3
7547	Bearing Spring for Horsebox	Full size details of 4 plate spring 4'0 1/4" centres unloaded	8.10.87	1887	-	16M	CI-C	249	-
7549	One Inch Hydraulic Stop Valve	Full size section, elevation and plan of valve	4.10.87	1887	-	-	CI-C	402	
7551	Six Wheels Coupled Tank Engines Class H21-Cast Steel Motion Plate	6" to 1' elevation, sectional elevation and plan of plate	13.10.87	1887	H21	J66	CP	402	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7566	30 Tons Boiler Trolley	1½" to 1' arrangement of 41' long bogie wagon with 25' well, bogie wheelbase 4'3" with 3'1" dia wheels My comment: not completed, construction ceased 12.90	31.10.87	1887	P19	-	CP	249	-
7567	Details of Bogie for 30 Tons Boiler Trolley	3" to 1' arrangement and sections of bogie	31.10.87	1887	P19	-	CI	249	-
7569	Details of Model Link Motion	3" to 1' elevations and plans of components	1.11.87	1887	-	-	CP	402	-
7583	Front Elevation of Model Link Motion	3" to 1' undimensioned elevation of motion	19.11.87	1887	-	-	CP	200	-
7584	Drawing A Private Owners Wagons-Standard Iron or Steel Underframe Drawing B Private Owners Wagons-Details of Ironwork Drawing C Private Owners Wagons-Wheels and Axle Drawing D Private Owners Wagons-Axlebox	¾" to 1' arrangement of 15' channel underframe 12.87 - - 1½" to 1' details 1½" to 1' arrangement 6" to 1' arrangement of grease axlebox My comment: composite drawing of 4 specifications	- .12.87	1887	-	-	PB	249	-
7589	Covered Goods Wagon O21	1½" to 1' general arrangement of 15' covered van undimensioned Endorsed: see new Dg No 7923; also for H22 20.5.88 and D23 15.10.88	15.1.88	1888	O21	-	CI	249	-
7590	Wrought Ironwork Details for Covered Goods Wagon	3" to 1' details of 77 components	6.1.88	1888	O21	-	PB	249	-
A									
7596	Back Elevation Model Link Motion	3" to 1' undimensioned elevation of model about 13' long on iron stand	9.12.87	1887	-	-	CP	400	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7605	General Arrangement Four Wheels Coupled Express Engine	1½" to 1' sectional side elevation and plan of 2-4-0 engine	22.2.88	1888	T19	D13	PB	300	-
7607	Plan of Model Link Motion	3" to 1' undimensioned plan of motion	4.1.88	1888	-	-	CP	200	-
7631	Horse Box X20	1" to 1' general arrangement and half plan of underframe of 16'6" box Endorsed: underframe Dg No 7515, for underframe for last 10 see Dg No 7770	29.2.88	1888	X20	16M	CI	249	-
7632	Horse Box X20	1" to 1' body arrangement with sections of 16'6" box	29.2.88	1888	X20	16M	CI-C	249	-
7633	General Arrangement of Cattle Box for Carrying Show Cattle	1½" to 1' arrangement of 18'8" cattle box Endorsed: width of bottom flap door to be 2' wider than present when renewing or building new vehicles 13.3.96	28.2.88	1888	B22	18M	PB	249	-
7635	Wrought Ironwork for Passenger Train Cattle Box	3" to 1' details of 117 components	5.3.88	1888	B22	18M	PB-C	249	-
7647	Vitriol Waggon-Sketch Showing Alterations Suggested by Mr Gardner	3" to 1' half side elevation of 8 plank open showing arrangement of 3 plank side door and bars above My note: coloured drawing in ink on tracing paper mounted on linen	19.3.88	1888	-	-	TI-C	215	-
7655	One Horse Bus-Detail	3" to 1' details of springs, 1" to 1' details of construction of body 5'9" inside with framing arrangement	10.4.88	1888	-	-	PB-C	276	-
7663	Bearing Spring for 10 Tons Coal Wagons	Full size details of 13 plate spring 3'4¾" unloaded	17.4.88	1888	-	-	CI-C	249	-
7672	Passenger Train Van	1½" to 1' general arrangement and half plan of body of 22' van Endorsed: D22 and K22	10.5.88	1888	D22 K22	32M	PB-C	249	-
7672	Passenger Train Van D22	1½" to 1' arrangement of 22' body with double doors	10.5.88	1888	D22	32M	PB-C	248	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7674	Details of Underframe Pass. Train Van D22 & Meat & Fruit Van F22	1½" to 1' details of components	30.7.88	1888	D22 F22	32M 33M	CP	249	-
7675	Details of Ironwork Passenger Train Van	3" to 1' details of components Endorsed: for other details see Dg No 8733; altered 19.9.92 for bulb angle frame and 26.9.97	27.6.88	1888	-	32M 33M	P-C	227	-
7677	20 Ton Boiler Lorry No 492	¾" to 1' side elevation and plan of 24' long lorry and 1½" to 1' elevations and section of front and hind wheels	-5.88	1888	-	-	OI-C	249	-
7679	Bearing Spring for 10 Tons Goods Brakes	Full size details of 9 plate spring 4¼" unloaded Endorsed: buckle altered for Dg No 7679A 10.5.89 (for different axlebox)	13.8.88	1888	-	-	PB-C	249	-
7685	Meat & Fruit Van F22	1½" to 1' general arrangement and half plan of 22' van body	7.6.88	1888	F22	33M	PB-C	249	-
7690	Wrought Ironwork Details for Covered Goods Wagon	3" to 1' details of components	13.1.88	1888	O2I	-	CP	249	-
7692	Details of Ironwork Meat & Fruit Van	3" to 1' details of ironwork and fittings	- .6.88	1888	F22	33M	P	210	-
7696	Gas Holders	1" to 1' elevations of 20'5" long cylinder 8'1½" extreme diameter and 3" to 1' details of riveting and fixing end steel bridge and cover Endorsed: not made to this, tracing supplied to Pintsch but an alternative size accepted 24' x 6' 10.7.91	- .7.88	1888	-	-	CP	402	-
7706	Six Wheels Coupled Tank Engines Class E22- Cylinders 14Ins by 20Ins	3" to 1' elevations, section and plan of cylinders Endorsed: altered 25.7.07; for metallic packing see Dg No 13116	18.4.88	1888	E22	J65	CI	400	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7706	Six Wheels Coupled Tank Engines Class E22- Cylinders 14Ins by 20Ins	3" to 1' elevations, sections and plans of cylinders Endorsed: altered for B232 26.10.92; altered 7.12.98	1.6.88	1888	E22	J65	PB	400	
7707	Six Wheels Coupled Tank Engines Class E22- Foundation ring and Expansion Bracket	Full size details of riveting and fixing with 3" to 1' elevation of brackets and foundation ring	17.5.88	1888	E22	J65	CI-C	400	
7708	Six Wheels Coupled Tank Engines Class E22 & T18 Boilers after T21-Roof Bars	Full size elevations and plan of roof bar and 3" to 1' elevation to suit T18 class Endorsed: altered 2.6.88 and 29.12.92	28.5.88	1888	E22 T18	J65 J66	CI-C	400	
7709	Six Wheels Coupled Tank Engines Class E22, B26- Boiler	1 1/2" to 1' sectional side and end elevations and plan of boiler and details of riveting Endorsed: see Dg No 10588 for future engines and renewals 16.1.99	26.6.88	1888	E22 B26	J65 J67 J69	CI-C	401	1
7710	Six Wheels Coupled Tank Engines Class E22-Framing	1 1/2" to 1' side and end elevations and plan of framing showing outline of wheels and springing	27.9.88	1888	E22	J65	PB	400	
7711	Six Wheels Coupled Tank Engines Class E22-Cylinder and Steam Chest Covers, Blast pipe and Piston	3" to 1' elevations and sections of components Endorsed: several alterations to 11.5.48	14.7.88	1888	E22	J65	CP	400	3
7713	Six Wheels Coupled Tank Engines Class E22, T21, R24, S24, G75-Coupling rod	Full size elevation and plan of coupling rod with dimensions Endorsed: altered for additional classes	4.6.88	1888	E22 R24 G75	J65 J67 J69	CI-C	400	
7716	Six Wheels Coupled Tank Engines Class E22-Cast Steel Motion Plate	Full size elevations, plan and sections Endorsed: altered for B32 26.7.92; altered 24.7.39	5.7.88	1888	E22	J65	CP	400	3
7717	Six Wheels Coupled Tank Engines Class E22-Cab and Tanks	1 1/2" to 1' elevations, plan and sections of cab and tanks Endorsed: altered 12.1.21	7.7.88	1888	E22	J65	PB	400	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7718	Six Wheels Coupled Tank Engines Class E22-Tank Stay	Full size elevations and plan of stay and section showing method of fixing tank to boiler	5.7.88	1888	E22	J65	CI-C	401	
7720	Six Wheels Coupled Tank Engines Class E22-Connecting Rod	Full size elevation and plan Endorsed: several alterations up to 23.4.41	23.7.88	1888	E22	J65	CI-C	400	
7721	Six Wheels Coupled Tank Engines Class E22-Copper Firebox	1 ½" to 1' side and end elevation, section and half plan of firebox Endorsed: altered 23.11.92, 22.10.96 and 8.7.01; see Dg No 10588 for future engines and renewals 16.1.99	26.7.88	1888	E22	J65	CP	400	
7722	Six Wheels Coupled Tank Engines Class E22-Sieve	Full size sectional elevation and half plan of lid to sieve and 3" to 1' sectional elevation of container	26.9.88	1888	E22	J65	CP	401	
7723	Six Wheels Coupled Tank Engines Class E22-Slide Valve Spindle, Gland and Bush	Full size sectional elevations and plan of slide valve only; rest of title deleted Endorsed: work to blue 6.5.03	- .8.88	1888	E22	J65	CI-C	400	
7724	Six Wheels Coupled Tank Engines Class E22-Brake Arrangement	1 ½" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered 25.11.92 and 23.3.04 for class D32	18.10.88	1888	E22	J65	PB	401	
7725	Six Wheels Coupled Tank Engines Class R24 & E22 Classes-Brake Details	3" to 1' elevations and plans of numerous components Endorsed: numerous alterations to 28.8.48; superseded by Dg No 29531	10.12.95	1895	E22 R24	J67	CI-C	401	
7726	Six Wheels Coupled Tank Engines Class E22-Valve Spindle	Full size elevation and plan Endorsed: altered 27.5.08 and 21.7.21	13.9.88	1888	E22	J67	CI-C	401	
7727	Six Wheels Coupled Tank Engines Class E22, G75-Trailing Sand Box and Details	3" to 1' arrangement of sand box and full size details of components Endorsed: altered in ink 25.2.92, 2.10.22 and 23.6.33	24.9.88	1888	E22 G75	J67 J69	CP	401	4
7728	Six Wheels Coupled Tank Engines Class E22-Frame Stay	Full size elevations of stay Endorsed: altered 31.8.92 for D32 class; altered 1.8.05	28.9.88	1888	E22	J67	CP	401	
7729	Six Wheels Coupled Tank Engines Class E22-Arrangement of Pipes, Clothing, etc	1 ½" to 1' side and end elevation from firebox end and plan of engine Endorsed: altered 10.9.97 & 26.10.00	1.11.88	1888	E22	J65	PB	401	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7730	Six Wheels Coupled Tank Engines Class E22-Details of Cylinder Cock Gear	Full size details of 7 components	9.10.88	1888	E22	J65	CP	401	3
7731	Six Wheels Coupled Tank Engines Class E22-Ashpan	3" to 1' elevations, section and plan of ashpan Endorsed: altered 16.12.90, 13.4.96 & 3.5.07	27.11.88	1888	E22	J65	CP	401	3
7733	Finished Sections of Tyres for Engines	Full size sections of tyre types 1 & 2 and sections showing 5 methods of fixing tyres to wheels and limits of turning	5.2.91	1891	-	-	CI	402	
7755	Gas Fittings for Carriages-Lamp Casting	Full size section and plan of casting let into roof	21.6.88	1888	-	-	CI-C	249	-
7756	Pintsch's Gas Fittings for Carriages-Lamp Top	Full size sectional elevation and plan	22.6.88	1888	-	-	CI-C	249	-
7757	Gas Fittings for Carriages	Full size details of lamp glass, inside ring, ring for securing glass and screws	25.6.88	1888	-	-	CI-C	249	-
7758	Gas Fittings for Carriages	Full size details of reflector casting, reflector, bolts and chimney	26.6.88	1888	-	-	CI-C	249	-
7759	Gas Fittings for Carriages-Regulator and Details	Full size sections and plan of regulator and details of components	29.6.88	1888	-	-	CI-C	249	-
7760	Gas Fittings for Carriages	Full size details of filling cock, back cock, filling cock cover, three way piece and filling cock bracket	3.7.88	1888	-	-	CI-C	249	-
7761	Gas Fittings for Carriages	Full size details of filling cock key, brass arm cock, iron flange, brass flange, large and small nipples and escutcheon	6.7.88	1888	-	-	CI-C	249	-
7776	Special 13In Push Cylinder for Great Eastern Railway	Full size elevation and section of cylinder Copy of Westinghouse Brake Co Dg No 9208	13.2.88	1888	-	-	BP	402	
7778	Alteration to Engines Nos 140-149-Spring Details	Full size elevations and plans of brackets and components Endorsed: altered 10.3.91, 9.3.92 and 17.12.94	5.9.88	1888	140	-	CP	402	
7791	Four Wheels Coupled Express Engines T24-Driving and Trailing Cast Steel Wheels	Full size part elevation and section of 7' diameter 20 spoke wheel and 3" to 1' side elevation of complete wheel	19.9.88	1888	T24	D13	CI-C	402	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7793	Arrangement and Details of Spring Gear for Standard Tenders	3" to 1' and full size details of 4 components	22.9.88	1888	-	-	P-C	402	
7796	Cast Steel Motion Plates	3" to 1' elevation, section and plans of 4 motion plates for various classes including Y14, T18, R22, T22 and T26, Endorsed: numerous alterations	25.9.88	1888	Y14 T18 R22 T26	J15 J66 D13 E4	CI-C	402	
7802	Four Wheels Coupled Tank Engines Nos 61-75, 211-220-Leading and Driving Spring	Full size elevation, section and plan of 12 plate spring 2'11¼" centres unloaded Endorsed: altered 27.2.89	5.10.88	1888	61	-	CI-C	385	
7803	Cast Steel Roof Bars-Standard Boiler	Full size half elevation and plan of bar and 3" to 1' elevations of whole bar with alternative dimensions Endorsed: altered 6.7.98 & 8.11.00	9.10.88	1888	-	-	CI-C	386	
7803 Att	Roof Bars for Standard Boilers with 160 Lbs Pressure per Sq In	3" to 1' elevations for roof bars Nos 1 to 3 Endorsed: altered 18.7.98	6.7.98	1898	-	-	PB	388	
7809	Wagon Wheel with Solid Spokes	Full size part elevation and section of 8 spoke wheel 3'1" diameter on tread	1.10.88	1888	-	-	CP	342	
7822 Part	Sketch Showing Alteration to Standard Tender Frame (S23 Class for R43)	1½" to 1' outline elevation and plan of tender frame Endorsed: altered for tenders to run with T19 class engines 12.6.01	23.3.98	1898	S23	-	PB	386	
7823	New Standard Tender S23-Cast Steel Wheel	Full size quarter elevation and half section of 3'6" diameter wheel 1½" 11/2" to 1' elevation and section of complete wheel Endorsed: altered 18.9.89 21.3.90 & 8.13.13	21.11.88	1888	S23	-	CI-C	388	
7824	Tender S23-Axle Box	Full size elevations, sections and plan of box for 10" journal	-	1888	S23	-	CI-C	388	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: numerous alterations up to 26.8.15							
7825	Standard Tender Axle	3" to 1' elevation of axles for tenders classes S23 and added for class R43 26.4.98 Endorsed: superseded by Dg No 13122 9.10.02	7.1.89	1889	S23 R43	-	CI-C	388	
7827	Volute Spring for Buffers	Full size elevation and section of 10" spring	27.11.88	1888	-	-	CP	388	
7828	Details of Iron Fore Carriage	3" to 1' details of 9 components with plan and cross section	20.11.88	1888	-	-	PB-C	342	
7828	Details of Iron for Carriage	3" to 1' details of 10 components	27.11.88	1888	-	-	PB-C	276	-
7832	Six Coupled Tank Engines Class T18, R24, G75- Arrangement of Spring Gear with Rubbers	3" to 1' arrangement in relation to frame and full size details of 3 components Endorsed: altered 5.1.93	6.12.88	1888	T18 R24 G75	J66 J67 J68	CI-C	388	
7838	Improved Wagon Coupling	Full size elevation and plan of coupling incorporating an intermediate hook	31.12.88	1888	-	-	CI-C	343	
7840	Wagon Buffing Spring	Full size half elevation and plan with section of 6 plate spring 5'0" centres unloaded Endorsed: cancelled 22.5.96, see new Dg No 8481; for buckle of cattle wagon springs see Dg No 7888; for stores order tracing without buckle see Dg No 7840A 18.7.90	1.1.89	1889	-	-	CI-C	343	
7842	General Arrangement of Cattle Wagon	1½" to 1' general arrangement of 18'7" wagon with wood frames Endorsed: previous copies cancelled 12.6.06	11.11.96	1896	-	5W	PB	343	3
7842	General Arrangement of Cattle Wagon	1½" to 1' general arrangement of 18'7" wooden framed wagon Endorsed: previous copies cancelled 12.6.06	11.11.96	1896	-	5W	PB-C	248	-
7843	Details of Ironwork Cattle Wagon K25	3" to 1' details of numerous details for body and timber underframe Endorsed: altered 10.10.91, 31.3.92 & 4.4.92	- .10.89	1889	K25	4W	PB-C	343	
7845	Continuous Draw Gear for Goods Wagons with Steel Underframes	3" to 1' section of draw gear and details of components	11.1.89	1889	-	-	CI-C	343	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7847	Arrangement of Bolster Timber Wagon with Steel Underframe	1½" to 1' arrangement of 12' bolster wagon fitted with brake gear	18.1.89	1889	-	29W	PB	343	
7848	Details of Steel Underframing of Bolster Wagon	3" to 1' details of components Endorsed: altered 19.7.89, 19.11.90 and 11.12.95	15.1.89	1889	-	29W	CI-C	343	
7849	Wt Ironwork for Bolster Wagon with Steel Underframe	3" to 1' details of numerous components for body and underframe Endorsed: numerous alterations	14.2.89	1889	-	29W	CI-C	343	
7855	Tender Class S23-Sieve	Full size sectional elevation and half plan of sieve	5.3.89	1889	S23	-	CI-C	388	3
7856	Crabtree's Patent Coupling	Full size elevation and plan of coupling	1.2.89	1889	-	-	CI-C	213	-
7858	Tender Class S23-Spring	Full size half elevation and plan with section of 12 plate spring 3'10" centres unloaded	14.2.89	1889	S23	-	CI-C	388	4
7859	Midland Carriage Box	Full size elevation, plan and sections of oil axlebox for journal 8" x 3½"	12.2.89	1889	-	-	CI-C	343	
7866	Sand Furnace Stratford	½" to 1' elevations and plan of furnace with 6" to 1' detail of roof connection	3.6.89	1889	-	-	CI	388	
7869	Standard Wheels for Goods Vehicles	3" to 1' half elevation, plan and section of wheel type Nos 10 to 19 for various road vehicles	- .7.95	1895	-	-	PB-C	343	
7870	Standard Wheels for Bus and Parcels Vehicles	3" to 1' half elevation, plan and section of wheel types Nos 1 to 9 for various road vehicles Endorsed: altered 1.11.95	-	1889	-	-	PB-C	343	
7873	Arrangement of Flaps with Turntable Cash Vehicle	6" to 1' elevations and plan of interior of road vehicle to Dg No 7872	10.4.89	1889	-	-	PB-C	343	
7890	General Arrangement Single Express Engine	1½" to 1' sectional side elevation and plan of 2-2-2 engine	8.4.89	1889	D27	-	PB-C	301	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7897	General Arrangement of WH and Hand Brake Tender S23	1½" to 1' elevations and plan of gear on outline of tender	24.5.89	1889	S23	-	CIP	388	4
7900	Tender Class S23-Details of Spring Gear	3" to 1' elevations and sections of 7 components Endorsed: for modification to spring gear see Dg No 35134; altered to red for tenders class R43 1.3.98	7.5.89	1889	S23	-		388	
7908	Special Parcels Van One Horse	1½" to 1' general arrangement of covered van 7'6" inside length Endorsed: No 289 tare 18 cwt 2 qr	14.6.89	1889	-	-	PB-C	276	-
7917	Coupled Engines Classes Y14, O18, T26, P55, N31, C32 & 61-Back Cylinder Cover and Piston Rod	Full size elevations, plan and sections of cover Endorsed: numerous alterations up to 11.5.48	- 3.98	1898	Y14 O18 T26 P55 N31 C32	J15 F4 E4 F6 J14 F3	CI-C	388	4
7923	Covered Goods wagon	1½" to 1' general arrangement of 16'1" covered van with 1" to 1' section through ventilator Endorsed: altered for continuous drawgear 9.10.16; previous drawings are superseded 12.6.06, originally numbered 7934A	22.7.03	1903	-	15W	PB-C	342	
7924	Ironwork for Covered Goods Wagon	3" to 1' details of numerous components Endorsed: amended 26.3.00 & 9.10.16; drawing prepared in 6.98 originally numbered 7924C	11.6.06	1906	-	15W	PB-C	342	
7925	Covered Goods Wagon-Details of Steel Underframe	3" to 1' details of components	14.12.99	1899	-	15W	PB-C	342	
7946	Six Wheels Coupled Tank Engines Class R24-Cab and Tank	1½" to 1' elevations and plan of cab and tank Endorsed: altered 2.11.91, 31.3.08 & 11.34	2.9.89	1889	R24	J67	CI	386	3
		Full size sectional elevation and plan of filler and 3" to 1' section of complete sieve			R24	J67			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7947	Six Wheels Coupled Tank Engines Class R24, C32, P55, L77-Tank Sieve and Details	Endorsed: see Dg No 23269 for L77 10.12.20; also altered 25.5.03 & 3.2.11	6.7.89	1889	C32 P55 L77	F3 F6 N7	CI-C	386	
7948	Six Wheels Coupled Tank Engines Class R24-Tank Stay	Full size elevations and plan Endorsed: altered 20.10.04	26.6.89	1889	R24	J67	CP	386	4
7950	Six Wheels Coupled Tank Engines R&S24, S56-Brake Arrangement, Etc	1½" to 1' arrangement of brakes shown on elevation and plan of engine Endorsed: For LM's 3521 and 3522 work to green, for S56 and future boilers to Dg No 13581 work to dimensions relating to brake only, and other numerous modifications	23.1.90	1890	S56	J69	CI-C	216	-
7951	Feed Pipe Connections and Westinghouse Brake Details-Six Coupled Tank Engines R & S24	Full size details of 8 components Endorsed: altered 17.12.90, 18.1.94 & 26.9.96	28.11.89	1889	R24	J67 J69	CI-C	386	
7962	Four Wheels Coupled Express Engines Class T19-Arrangement of Cylinder Cocks and Detail of Castings	Full size details of castings and 1½" to 1' elevation and plan of arrangement fitted to No 771 Endorsed: to red for altered arrangement see Dg No 7962A	15.7.89	1889	T19	D13	CP	386	3
7962	Four Wheels Coupled Express Engines T19-Arrangement of Cylinder Cocks	Full size details and 1½" to 1' sectional elevation and plan showing position on cylinders	6.5.90	1890	T19	D13	CP	386	
A									
7966	Standard Hydrant	Full size elevation and section Endorsed: see later tracing	16.8.89	1889	-	-	CI-C	220	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7974	Engines Classes T19, T26, D27, C32-Arrangement and Details of Inside Leading Spring, Brackets, etc.	3" to 1' arrangement of brackets on frame and full size details of components Endorsed: altered for O33 and future engines, C32 class	- .1.96	1896	T19 T26 D27 C32	D13 E4 - F3	CI-C	386	
7975	Holder for Gas Trucks	1" to 1' arrangement of 880 cu ft cylinder, 23'6" overall length 6'10 1/2" diameter with 3" to 1' section of end manhole and riveting detail	17.8.89	1889	-	63W	CP	342	
7977	Express Engines T24, C32-Leading Wheel	Full size part elevation and section of 4' diameter wheel and 1" to 1' elevation and section of complete wheel Endorsed: altered 21.3.90 & 13.1.93	- .9.89	1889	T24 C32	D13 F3	CI-C	386	
7983	Engines Classes 61-75, 211-220, 76-80, 170-184, 221-225-Fitted with Standard Boiler	3" to 1' sectional elevations and half plan of ashpan with full size details Endorsed: altered 11.2.91	9.9.89	1889	61	-	CI-C	386	
7992	Ironwork for Travelling Gas Reservoir	3" to 1' details of numerous components with bolts, etc My comment: timber framed wagon for a single reservoir	24.9.89	1889	-	-	CI-C	342	
7997	Convertable Ballast Wagon-General arrangement L25	1 1/2" to 1' general arrangement of 12'0" 4 plank dumb buffer steel framed wagon with hand brake and bolster	16.11.89	1889	L25	42W	CP	342	
7999	Wrot Ironwork for Convertible Ballast Wagon	3" to 1' details of numerous components for underframe and body including brake gear Endorsed: brake gear not fitted and modifications to door hinges	5.11.89	1889	L25	42W	PB-C	343	
8007	Arrangement of Motion Compound Goods Engine	3" to 1' elevations and plan of motion My comment: drawn by H.T. Buckle, a minor masterpiece	12.10.89	1889	-	-	CI-C	312	-
8008	Standard 4 1/4 Regulator for Engines with Cylinders Under 17 Diameter	Full size elevation, section and plan Endorsed: numerous alterations up to 4.13	12.10.89	1889	-	-	CI-C	385	
8009	Express Engines T24, T19 Class-Firebox	3" to 1' sectional side and end elevations of copper firebox	17.10.89	1889	T24	D13	CI-C	385	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8011	Six Wheels Coupled Goods Engines Y14 Class- Eccentric Sheaves	Full size elevations and section of sheaves with diagram of single sheave Endorsed: title added to by classes T18, 552, E22 & P55; superseded by Dg No 15908 17.1.07	21.10.89	1889	Y14 T18 552 E22 P55	J15 J66 - J65 F4	CI-C	385	
8012	General Arrangement Six Wheels Coupled Compound Goods Engines	1½" to 1' sectional side elevation and plan of 0-6-0 engine	21.10.89	1889	-	-	PB	301	-
8013	Six Wheels Coupled Compound Goods Engines- Smokebox	1½" to 1' sectional end elevation of engine My comment: possibly prepared as a journal illustration	26.10.89	1889		-	PB	387	
8015	Tender Class S23-Horn Blocks	Full size elevations and plan of horn blocks Endorsed: for X24 and future tenders; altered for 245 & 600 Class tenders 5.4.94	7.11.89	1889	S23 X24	-	CI-C	387	
8016	Engines Classes T19, T24, T26, D27, C32, N31, A60- Foundation Ring	3" to 1' elevation and plan of ring with full size riveting details Endorsed: superseded by Dg No 16931 1.10.09	- .1.96	1896	T19 T26 D27 C32 N31 A60	D13 E4 - F3 J14 J15	CI-C	387	
8021	Balance Weights Standard carriage Wheel	Full size details of malleable cast iron weights shown on part side elevation and section of Mansell wheel	15.12.89	1889	-	-	CI	342	
		3" to 1' sectional side and end elevation of smokebox and cylinders			T24	D13			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8022	Four Wheels Coupled Express Engines T24 Class, T19, D27-Smokebox	Endorsed: altered 18.3.91, 2.4.92, 29.4.92 & 18.9.07; for blower and hand rail see Dg No 8502 14.3.92	29.11.89	1889	T19 D27	D13 -	PB	387	
8029	Four Wheels Coupled Express Engines-Ashpan Class T24, T26, D27	3" to 1' sectional elevations, plans and full size details of fixings Endorsed: numerous alterations; all new ash pans to be made to Dg No 8379 18.6.97	15.11.89	1889	T24 T26 D27	D13 E4 -	PB-C	387	
8030	Standard Carriage Springs	3" to 1' half elevation, section and plans of 12 types of bearing spring and a buffing spring	6.12.89	1889	-	-	CI-C	342	
8036	Standard Main Line Boiler Working Pressure 160 Lbs per Sq In for Engines Classes T19, T26, D27, N31 & C32	1½" to 1' sectional elevations of boiler and full size sections of riveting detail Endorsed: altered 1.4.95, 27.10.96 & 8.7.01; for latest boiler see Dg No 10289	23.11.93	1893	T19 T26 D27 N31 C32	D13 E4 - J14 F3	CI-C	387	
8037	Four Wheels Coupled Mxd Traffic Engines Class T26	3" to 1' detailed side elevation and plan of framing, wheels and axles Endorsed: numerous alterations including 24.6.92 and 18.8.97 My comment: in disrepair, some lower parts missing, incomplete title	-	1892	T26	E4	P-C	199	-
8038	Cast Steel Wheels and Crank Pin-Four Wheels Coupled Engines Class T26	Full size part elevation and section of 5'8" diameter wheel and pin 1½" to 1' elevation of complete wheel with details of driving and trailing wheels Endorsed: for future wheels see Dg No 8287 11.2.28; modification to crank pin 20.12.30	26.6.90	1890	T26	E4	CI-C	387	
8042	Four Wheels Coupled Engines Class T26, M15 Rebuilt Reversing Shaft	Full size elevations and plans of components and 3" to 1' elevation of assembly Endorsed: for goods engines N31 29.9.92; to red for M15 class rebuilt 23.2.95	18.6.90	1890	T26 M15 N31	E4 F4 J14	CI-C	387	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8043	Four Wheels Coupled Engines Class T26-Driving and Trailing Spring Details	Full size details of 5 components and 3" to 1' details of arrangement on frame with spring to Dg No 6012 Endorsed: altered 23.2.04	18.4.90	1890	T26	E4	CI-C	385	
8044	Four Wheels Coupled Engines Class T26, C32-Outside Leading Spring Bracket and Arrangement of Rubbers	Full size elevation, section and plan of components Endorsed: altered 13.2.91, 18.8.97 & 27.11.02	2.6.90	1890	T26 C32	E4 F3	CI-C	385	
8045	Four Wheels Coupled Engines Class T26, C32-Coupling Rod	Full size elevation and plan of connecting rod Endorsed: altered 5.3.41; see Dg No 25595 for new rod with large oil box	7.6.90	1890	T26 C32	E4 F3	CI-C	416	
8046	Four Wheels Coupled Engines Class T26-Reversing Rod	3" to 1' elevation of rod and full size details of fittings	7.7.90	1890	T26	E4	CI-C	385	
8047	Four Wheels Coupled Engines Class T26-Rod, Pipe and Clothing 3.12.90 Arrangement	1½" to 1' outline side and end elevation and plan of 2-4-0 engine Endorsed: to green for Z30 and future engines 24.6.92; amended 16.11.92, 8.12.92 & 11.3.96	3.12.90	1890	T26	E4	CI	385	3
8048	Four Wheels Coupled Engines Class T26-Slide Vale and Spindle	Full size elevations, section and plan of components Endorsed: 26.9.90, 3.11.92 & 8.11.07	21.7.90	1890	T26	E4	CI-C	385	
	Four Wheels Coupled Engines Class T26, C32, D37	3" to 1' elevation and plan of connections and full size details							

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8049	Four Wheels Coupled Engines Class T26, S26, D27- Feed Connections between Engine and Tender	Endorsed: six wheels coupled goods engines N31, F48, E72; numerous alterations up to 22.3.35	19.7.90	1890	T26	E4	CI-C	385	
8050	Engines Classes T26, D27 & S29-Standard Brake Detail	3" to 1' and full size details of components Endorsed: altered 13.7.33; for unfinished office copy see copy same number	- .1.90	1890	T26 D27 S29	E4 - D13	CI	385	
8050	Engines Classes T26, D27 and S29-Standard Brake Details	3" to 1' details of brake components Endorsed: numerous modifications up to 13.7.33	29.4.92	1892	T26 D27 S29	E4 - D13	CI-C	200	-
8051	Four Wheels Coupled Mixed Traffic Engines Class T26-Cylinder Cock and Sand Box Gear	3" to 1' details of components Endorsed: modified 24.6.92, 31.8.92; for trailing sand gear details see Dg No 14185	26.9.90	1890	T26	E4	CI-C	215	-
8069	Plan of Gas Works	1/8" to 1' plan of works at Stratford showing 4 retorts, 4 condensers, 3 compressed gas holders and a single lift gas holder	2.1.90	1890	-	-	CI-C	433	3
8070	Gas Works at Stratford-Pintsch's Additions	1/4" to 1' plan of complete works with sections of buildings Endorsed: finished at Christmas 1888; pencil sections are additional to original drawing and appear to be unfinished	- .12.88	1888	-	-	CIP	433	3
8071	Carriage Axlebox 'F'	Full size elevations, sections and plan of oil box for 8" x 3 3/4" journal Endorsed: altered 28.5.00	22.8.92	1892	-	-	CI-C	342	
8071	Carriage Axlebox 'F'	Full size sectional elevations and plans of axlebox for 8" x 3 3/4" journals Endorsed: altered 9.3.98, 28.5.00 and 20.7.00	- .8.92	1892	-	-	P-C	210	-
8072	Lattice Girders for Second Floor Carpenters Shop Carriage Dept	1/4", 1" and 3" to 1' and full size arrangement of girder and details of components and construction	- .1.90	1890	-	-	CI	433	3
8077	Four Wheels Coupled Express Engines T24 Class T19- Details of Spring Gear	Full size elevations and plan of components Endorsed: numerous alterations for additional classes	24.1.90	1890	T19	D13	CI-C	418	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8078	Cast Iron Details Second Floor to Carpenters Shop Carriage Dept	1½" to 1' details of various components	24.1.90	1890	-	-	CP	433	3
8079	Second Floor and Roof Carpenters Shop Carriage Dept	¼" to 1' sections of shop with part of plan of roof	- .1.90	1890	-	-	CI	433	3
8080	Mail Van	1' to 1' body arrangement of 34' carriage detail and half plan of wood underframe Endorsed: see Dg No 6960 for internal arrangement; underframe used on No 16 composite Prince of Wales carriage; for alterations to end elevation see shop tracing	23.1.90	1890	S25	700C	CP	343	
8092	Elevation, Plan and Sections-Second Floor to Carpenters Shop, Carriage Department	1/8" to 1' sections and plans of workshop, location not shown	- .2.90	1890	-	-	CI	449	3
8098	Large One Horse Van	1½" to 1' general arrangement of open 4 wheeled van 10½" inside length	5.7.90	1890	-	-	PB-C	276	-
8099A	One Horse Van	1½" to 1' general arrangement of 4 wheel open van with 9'2 ¼" body Endorsed: cancelled see Dg no 9381 16.3.95	- .3.92	1892	-	-	PB-C	342	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8107	Dormitories Loco Dept Stratford LM390	Sections and plans of existing 20 cubicle dormitory and outline in pencil of 1891 extension. Includes lavatories, two bathrooms smoking room, kitchen and dining room, lit by electricity	25.2.90	1890	LM230	-	CI-C	433	3
8113	Underframe for Continental Wagon N26	1½" to 1' general arrangement of 22'9" channel underframe with 14' wheelbase Endorsed: modified 15.10.92; order M29 added in pencil	14.8.90	1890	N26	10W	CI-C	259	-
8114	Details of Underframe Continental Traffic Wagon	3" to 1' details of components	6.5.93	1893	N26	10W	PB	248	-
8126	Wt Iron Joists and Column for Dormitories Loco Dept Stratford	1½" to 1' elevations, sections and details of joists and columns	21.3.90	1890	-	-	CP	433	3
8131	Cast Iron Window Frame Second Floor to Carpenters Shop Carriage Dept	1½" to 1' elevation of window and full size section of frame	21.3.90	1890	-	-	CP	433	3
8132	Arrangement of Automatic Vacuum Brake Express Engines Class T19	1½" to 1' elevations, sections and plan within cab and smokebox Endorsed: altered 13.4.94 in ink showing automatic valve for vacuum and Westinghouse brakes; altered 8.2.97	25.3.90	1890	T19	D13	CP	419	
8135	Stone Cills	3" to 1' sectional elevation and plan of cill	24.3.90	1890	-	-	CI-C	433	3
8141	Rolled Joists and Connections Second Floor to Carpenters Shop Carriage Dept	1" to 1' elevations and sections of joists and 3" to 1' details of connections	1.4.90	1890	-	-	CP	433	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8142	Details of Roof Second Floor to Carpenters Shop, Carriage Dept	1/4" to 1' elevations of cast iron supports and brackets beneath roof and strengthening to purlins	3.4.90	1890	-	-	CP	419	
8143	Arrangement of Automatic Vacuum Brake Express Tenders	1" to 1' arrangement of brake shown on outline of tender frame and 3" to 1' details of clips and brackets Endorsed: for tenders classes T46, G53 see Dg No 16326 10.07; superseded see Dg No 36784; undated alteration for tenders fitted with steam heating apparatus	9.4.90	1890	-	-	BP	419	
8160	Six Wheels Coupled Tank Engines-Horn Block and Axlebox Classes T21, E22, R24, S24	6" to 1' elevations, sections and plan of components Endorsed: for replacements see Dg No 9556 22.1.04; for driving hornblock T18 Class see Dg No 13718 22.1.04; this Dg is not required for stock built after 8.07; plus other alterations	2.5.90	1890	T21 E22 R24 S24	J66 J65 J67 J69	CI-C	419	
8171	Detail Ironwork Continental Traffic Wagon (N26)	3" to 1' details of numerous components for body and underframe Endorsed: altered 9.6.91 & 5.10.92	11.6.90	1890	N26	10W	PB-C	380	
8183	Patent Variable Blast Pipe with Three Outlets	Full size section of blast pipe and apparatus 3" to 1' elevation and plan of complete component and fixings	24.2.91	1891	-	-	CI-C	419	
8204	Driving Gear for 5 Ton Travelling Crane in Front of Wheel Shop	1 1/2" to 1' elevation and section of crane and 3" to 1' details of pulley	-	1890	-	-	CP	419	
8209	Invalid Sloop	1" to 1' elevations and plan of 32' body and half plan of wood underframe	6.2.96	1896	S26	12C	PB-C	380	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8200	Invaid Sacon	Endorsed: work to alterations in red for S37 6.2.96 ie centre axleguard outside solebar and different scroll irons	6.2.96	1876	326	12C	1B-C	300	
8212	Engines Classes T19, T26, D27, P43-Cast Iron Footplate and Wg. Hs. Reservoirs 6.5	3" to 1' sectional elevations, plan and section of footplate with details Endorsed; various alterations, reference to D27 in title deleted	6.5.97	1897	T19 T26 D27 P43	D13 E4 - -	CI-C	419	
8216	32Ft Lavatory Composite Carriage	1" to 1' general arrangement of 32' carriage body on outline of timber underframe	7.8.90	1890	-	110C	PB	259	-
8221	Standard Coupling Links between Engine and Tender	Full size elevations and plan of two couplings and a pin Endorsed: for various classes; superseded by Dg No 15893 28.12.06	11.11.90	1890	-	-	CI-C	419	
8231	Engine No 205 Fitted with Crane-Cylinders	Full size elevations, sections and plan of cylinders	18.8.90	1890	204	J92	CP	419	
8234	Engine No 205 Fitted with Crane-Axleboxes	6" to 1' elevations of leading and driving axleboxes with plan of keep Endorsed: for trailing see Dg No 8160	26.8.90	1890	204	J92	CP	419	
8235	Engine No 205 Fitted with Crane-Tankstay	6" to 1' sectional end elevation showing position and fixing of stay with plan of stay	1.9.90	1890	204	J92	CP	419	
8236	Engine No 205 Fitted with Crane-Driving and Trailing Spring Details	Full size elevations and plans of two components	18.9.90	1890	204	J92	CP	417	
8249	Tip and Coal Box	3" to 1' elevations and plan of wheeled iron coal box and arrangement for tipping off coal stage to Dg No 7795 My note: location unknown	5.9.90	1890	-	-	CP	417	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8250	Lard Truck LM298	1½" to 1' general arrangement of 16'2" outside framed covered van with ouvers in sides and doors My comment: drawing damaged, part of end elevation missing	5.2.91	1891	LM298	12W	PB-C	380	
8250	Butter Wagon	1½" to 1' general arrangement of 16'2" clerestory roofed van on channel steel underframe	4.10.90	1890	LM604	12W	PB	259	-
8254	Carriage & Wagon Wheel Shop-Gas Tyre Furnace	3" to 1' sectional elevation and plan of furnace 6'9½" diameter and full size details of pipe clip	- .1.97	1897	-	-	PB	381	
8264	Crane Engine No 205-Brake Details	Full size sections and elevation of details	24.9.90	1890	204	J92	CP	417	
8268	Covered Carriage Truck	1½" to 1' general arrangement of 16'1" truck and half plan of bulb-L steel underframe Endorsed: see blue copy tracing for alteration to end doors 10.90	4.10.90	1890	-	9M	CI	259	-
8278	General Arrangement of Low Sided Wagon with Standard 15Ft Underframe	1½" to 16 general arrangement of 15' 3 plank fixed side wagon 1'9" deep channel steel underframe My comment: outline of an RCH style plate in pencil shown on underframe either side of brake hangers	12.12.90	1890	-	16W	CI	259	-
8279	Standard 15 Feet Wagon-Details of Steel Underframe	3" to 1' details of components Endorsed: for fish wagons to R61 and future wagons 18.9.06, amended 16.8.10 My comment: drawing number missing from print, 8279 believed to be correct	-	1893	-	16W	PB	248	-
8281	Class T19 Four Wheels Coupled Ex.-Alterations to Spring Gear, Horn Stays, Etc.	1½" to 1' side elevation showing assembly and 6" to 1' and full size details of components	16.10.90	1890	T19	D13	CI	417	
8287	Cast Steel Wheels and Crank Pin Four Wheels Coupled Engines Class C32	Full size part elevation and half section of 16 spoke wheel 5'8" on tread and 1½" to 1' elevation of complete wheel Endorsed: altered 7.10.13	24.10.90	1890	C32	F3	CI-C	418	3
8291	32Ft Main Line Passenger Brake Van O27	1" to 1' general arrangement of body	19.11.90	1890	O27	513C	P-C	210	-
8296	Cast Steel Adjusting Nut for Brakes Class T26, D27	Full size sectional elevation of nut Endorsed: altered 29.4.96	31.10.90	1890	T26 D27	E4 -	CI-C	419	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8297	Four Wheels Coupled Mixed Traffic Engines T26- Pipe, Clips and Clothing Details-and Goods Eng. G73 Class	Full size details of components Endorsed: modified 4.9.94 and extra details added 6.13	15.12.90	1890	T26 G73	E4 J15	CI-C	215	-
8298	Four Wheels Coupled Engines Class T26-Damper Gear Details	Full size details of components	6.12.90	1890	T26	E4	CP	215	-
8305	Four Wheels Coupled Engines Class T26-Blastpipe	Full size sections of blastpipe Endorsed: modified 5.9.92 for Z30 and future engines	19.11.90	1890	T26	E4	CI-C	214	-
8309	General Arrangement of Coal Wagon with Standard 15Ft Steel Underframe Class C28	1½" to 1' general arrangement of 15' 7 plank body 4'01/8" deep Endorsed: body to be worked to for wagons fitted with Fox' pressed steel frame S31 3.9.92; horse hook added for X36 and future classes 9.7.95	4.2.91	1891	C28	31W	PB	259	-
8315	Tramway Engines Class G15-Arrangement of Westinghouse Brake	1½" to 1' elevation, section and plan of brake on outline of engine	24.11.90	1890	G15	Y6	CP	417	4
8316	Tramway Engines Class G15-Details of Automatic Gear for Governor, Throttle, Valve, Etc.	Full size details of components Endorsed: altered 25.7.03 for class C53 engines	1.12.90	1890	G15	Y6	CI-C	418	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8316 X	Engines Classes G15 & N17-P. Brotherhood's Patent Governor	Full size elevations of governing apparatus	- .4.83	1883	G15 N17	Y6	OI	418	
8317	Tramway Engines Class G15-Details of Westinghouse Brake	Full size elevations, section and plan of components	12.12.90	1890	G15	Y6	CP	418	
8317 Att	Tramway Engines (for Drivers Brake Valve)	Full size details of brackets	28.7.97	1897	C53	J70	CP	418	3
8318	Tramway Engines Nos 128 to 132 C53- Westinghouse Brake Cylinder	Full size elevations, section and plan of cylinder	27.11.90	1890	C53	J70	CI-C	418	
8321	Ash Pan for Six Coupled Goods Engine Y14 Class	3" to 1' elevations, section and half plan of ashpan	16.8.92	1892	Y14	J15	CP	418	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8323	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Automatic Vacuum Brake Y26	1½" to 1' details of brake in ink on illegible pencil background Endorsed: modified 18.9.94	1.1.91	1891	T26	E4	CI	216	-
8326	Smokebox Engines Classes T26, C32	3" to 1' sectional elevations of smokebox and cylinders C32 F3 Endorsed: amended 8.12.94; steampipe altered 26.9.07	- .2.93	1893	T26 C32	E4 F3	CI-C	247	-
8333	Arrangement of Cylinder Cock Gear for Crane Engine No 205	Full size elevations of gear	23.12.90	1890	205	J92	CP	418	
8334	Bogie Tramcars-General Arrangement of W-T-H-E Brakework	1½" to 1' arrangement showing Westinghouse brake work, replacing handbrake column Endorsed: note one tramcar has old wheels (i.e. 2'6" dia steel; for details see Dg No 8335	- .12.90	1890	-	602C 603C	CI	259	-
8336	32Ft Main Line Composite Carriage K27	1" to 1' general arrangement of 32' body	24.12.90	1890	K27	219C	CI	259	-
8345	General Arrangement of W-T-H-E Brake Tram Car Covered Goods	1½" to 1' elevations and detailed plan of underframe showing Westinghouse brake work Endorsed: wheels formerly 2'6" dia steel (drawing shows 2'8¼" dia)	-	1890	-	604C	CP	259	-
8348	Sleeper Wagon LM599	1½" to 1' general arrangement of 19' dumb buffer wagon, channel steel frames	17.4.91	1891	LM599	43W	PB	259	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8349	Standard Carriage Wheel and Axle	Full size section of 3'6½" wheel and 3" to 1' elevation of wheel and section of wheel and axle Endorsed: altered 15.7.97; cancelled see Dg No 13099	3.2.91	1891	-	-	CI-C	259	-
8351	Valve Spindle Guides-Six Wheels Coupled Goods Engines Y14 Class L28, P55	Full size section, end elevation and plan of guides	13.2.91	1891	Y14 L28 P55	J15 F4	CI-C	418	
8353	Dining Saloon	1" to 1' general arrangement of 34'6" 6 wheel dining car with side corridor connections	- .9.91	1891	B29	-	PB	259	-
8360	Six Wheels Coupled Goods Engines Y14 Class, L28, P55-Reversing Shaft	Full size elevations of shaft Endorsed: altered 29.11.98 and 15.1.03	18.2.91	1891	L28	J15	CI-C	418	
8361	Metallic Coupling Popowski's Patent	Full size elevation and sectional plan of coupling	17.2.91	1891	-	-	CI	417	
8363	Six Wheels Coupled Goods Engines Y14 Class, L28, P55-Details of Motion	Full size elevations and plan of components Endorsed: altered 24.11.13 and 21.7.21	- .3.05	1905	Y14 L28	J15	CI-C	417	
8363	Six Wheels Coupled Goods Engines Y14 Class L28, P55-Details of Motion	Full size elevations and plans of two components	- .3.05	1905	Y14 L28	J15	O	318	
8364	Special One or Two Horse Parcels Van No 283	1½" to 16 general arrangement of covered van 10' inside Endorsed: No 283 deleted, replaced by Nos 678 and 1081	23.3.91	1891	-	-	PB	259	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8364	Special One or Two Horse Parcels Van	1½" to 1' general arrangement of 4 wheeled covered van 10'0" inside length Endorsed: D&P1256 My comment: drawing number missing but confirmed from photo tracing	23.3.91	1891	D&P 1256	-	PB-C	276	-
8367	G14 Class Fitted with Morton's Patent Valve Gearing-Motion Arrangement	3" to 1' elevations and plan of motion	14.10.91	1891	G14	-	CI-C	312	-
8379	Six Wheels Coupled Goods Engines Class L28 (Y14 Class)-Ashpan also for Future Engines of T26 Prior to I34	3" to 1' elevations, section and plan of ashpan with full size details of fittings Endorsed: altered for I34 and subsequent engines see Dg No 9254	16.3.91	1891	Y14 L28	J15	CI-C	417	
8382	Extension of Dormitories Loco Dept Stratford LM668	¼" to 1' sectional elevations and plan of two storey building with ½" to 1' elevation of roof truss and 1½" to 1' elevation and plan of York stone window cills. Mess rooms on ground floor, 18 new cubicles over linked to existing dormitory	23.3.91	1891	LM668	-	CIP	433	3
8384	Pair Horse Cod Van	1½" to 1' general arrangement of 4 wheel cart 10'0" inside and details of interior shelving	25.3.91	1891	-	-	PB	259	-
8389	Six Wheels Coupled Tank Engines Class T18-Condensing Apparatus	1½" to 1' outline elevations and plan of engine showing apparatus and 3" to 1' details	9.4.91	1891	T18	J66	PB-C	417	
8399	Six Wheels Coupled Goods Engines Class L28 (Y14 Class)-Damper Gear Details	3" to 1' and full size details of components Endorsed: also for future engines of T26 class prior to I34 for I34 and subsequent engines see Dg No 9254	14.4.91	1891	Y14 L28	J15	CP	417	3
8402	Plate Glass Van	1" to 1' elevations, sections and plan of 4 wheel horse drawn van 12'6" inside	16.4.91	1891	-	-	CP	335	
8407	Crane Engine No 205-Arrangement for Wedging Trailing Axleboxes	3" to 1' elevations and plan of contrivance operated by large lever	7.5.91	1891	204	J92	CP	197	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8415	Arrangement of Motion for Mixed Traffic Engines T26	3" to 1' elevations and plan of motion	30.6.91	1891	T26	E4	CI	214	-
8420	Snow Plough	1½" to 1' elevations and plan of plough for attachment to front of engine	9.9.91	1891	-	-	CP	207	-
8428	Westinghouse Exhaust Elbow-Westinghouse Steam Cock T Piece and Standard Seating	Full size arrangement of fittings Endorsed: numerous alterations; for alteration to outlet for all classes see Dg No 22301 2.1.22	8.5.91	1891	-	-	CI-C	208	-
8428	Westinghouse Exhaust Elbow, Westinghouse Steam Cock Tee Piece and Standard Seating	Full size elevations and sections	15.2.17	1917	-	-	BP	229	-
8432	Wrt. Ironwork for Sleeper Truck LM599	3" to 1' details of components Endorsed: an amended dimension for Fox's frame	23.5.91	1891	LM599		PB	335	
8434	2 Storey Carriage	1" to 1' outline side and end elevation of 27' 4 wheel carriage body having interlocking compartments served by 4 upper level doors and 5 lower doors on 1'9" diameter wheels Endorsed: directors scheme handed to Mr Holden 15.5.91	15.5.91	1891	-	-	CP	335	3
8434	Tramway Engines Class C29-Wheel	Full size elevation with section of tyre J70 of tyre Endorsed: amended for class C53 24.4.02 My comment: drawing very dirty and illegible	11.5.91	1891	C29 C53	Y6 J70	CP	207	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8441	Underframe with Gas Reservoir	1" to 1' general arrangement of travelling gas reservoir with 26'3" frame, 14' wheelbase with 6'10¼" diameter tank Endorsed: none built to this; new drawing for D&P1416; guide FI Dg No 20701 for renewals 2.11.17	17.6.91	1891	-	-	PB	335	
8449	Flanging Furnace	¾" to 1' undimensioned elevations and plans of furnace	23.6.91	1891	-	-	CP	207	-
8450	Details of Flanging Furnace	3" to 1' elevations of components	26.6.91	1891	-	-	CP	207	-
8451	Extension of Gas Works	¼" to 1' plans, elevations and sections of works at Stratford Endorsed: altered 30.11.95 My comment: nature of extension not made clear but a very good record	10.7.91	1891	-	-	CI-C	312	-
8465	Saloon for HRH The Princess of Wales	1" to 1' body arrangement of 34'6" saloon with low elliptical roof and plan of underframe My comment: same body as Dg No 8465 less underframe detail but shows interior arrangement	23.7.91	1891	Y29	4C	PB	336	
8465	Saloon for HRH The Princess of Wales	1" to 1' general arrangement of 34'6" body with low elliptical roof and underframe with details of dual brakes and gas lighting	- .7.91	1891	Y29	4C	CI-C	336	
8475	Emptying Valve and Steam Connecting Valve for Tanks Tramway Engines	Full size arrangement of valve Endorsed: emptying valve for six coupled trams see Dg No 11652	3.9.91	1891	G15	Y6	CP	207	-
8483	Pair Horse Cod Van D&P4341	1½" to 1' general arrangement of 4 wheeled open cart 10'0" inside length and details of zinc lining	25.3.91	1891	D&P	-	PB-C	276	-
					4341				

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8485	General Arrangement Six Wheels Coupled Tank Engines	1½" to 1' sectional side elevation and plan of 0-6-0 tank engine	17.9.91	1891	C72	J68	PB-C	301	-
8491	Bullion Van	1½" to 1' arrangement of 22' body, elevations, section and half plan of steel underframe Endorsed: altered 14.11.92; for underframe see Dg No 7673	10.8.92	1892	P32	36M	PB	380	
8494	Feed Cocks-Tramway Engines Class G15	Full size elevations and sections of feed cocks J70 Endorsed: work to red for C53 class tram engines 21.7.03	19.10.91	1891	G15 C53	Y6 J70	CI-C	205	-
8501	Condensers for Gasworks	½" to 1' elevations and plans, 3' to 1' details of components with full size details of riveting Endorsed: for additional condensers without centre tubes added 23.11.95	3.11.91	1891	-	-	CP	205	-
8502	Standard Blower	Full size elevations and sections of blower and components and 3" to 1' details of pipework Endorsed: for Engines Classes K9, X13, 61, M12, 140 see Dg No 6237; altered 7.3.92 & 29.5.94; see later Dg No 9304	4.11.91	1891	-	-	CI-C	381	
8503	Engines Class K9, E10, M12, T18, Y65, G75-Eccentric Rods	Full size details of rods	5.11.91	1891	K9 E10 M12 T18 Y65 G75	- - - J66 F7 J68	CI-C	205	-
8506	Material Wagon Fox's Pressed Steel Frame T30	1½" to 1' general arrangement of 19' wagon with steel ends and dumb buffers	17.11.91	1891	T30	44W	PB	336	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8506	Material Wagon Fox's Pressed Steel Frame	1½" to 1' general arrangement of 19'0" wagon with dumb buffers	17.11.91	1891	T30	44V	PB	248	-
8516	Six Wheels Coupled Tank Engines T18 Class (with 180 Lbs Boiler Press)-Alteration to Framing	1½" to 1' details of alterations to framing My note: almost indecipherable	29.4.01	1901	T18	J66	CP	201	-
8516	Six Wheels Coupled Tank Engines Class S56, P29, G75-Framing	1½" to 1' arrangement of framing, springs and wheels Endorsed: amended for class G75	- .1.05	1905	P29 S56 G75	J67 J69 J68	P-C	203	-
8517	Six Wheels Coupled Tank Engines P29 Class-Cab and Tank	1½" to 1' elevations of cab and tank Endorsed: various modifications	13.1.92	1892	P29	J69	P-C	206	-
8518	Six Wheels Coupled Tank Engines Class P29-Tank Stay	Full size arrangement of tank stay	17.10.91	1891	P29	J69	CP	201	-
8519	Six Wheels Coupled Tank Engines T18 Class P29-Foundation Ring Expansion Brackets and Swing Links	3" to 1' arrangement and full size details Endorsed: numerous alterations	24.11.91	1891	T18 P29	J66 J69	CI-C	205	-
8529	General Arrangement Mixed Traffic Engine	1½" to 1' sectional side elevation and plan of 2-4-0 engine My comment: ornamental headings for publication or display, small loss of detail	25.11.91	1891	T26	E4	PB	300	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8530	Variable Blast Pipe Fitted to S28 & P29	3" to 1' elevations, sections and plans of two types of blast pipe P29 J69 and full size details Endorsed: altered 6.07	12.12.91	1891	S28 P29	J15 J69	CI-C	381	
8534	Tri-Compo P27	1" to 1' general arrangement of 34'6" body with sections of interior Endorsed: note 2 nd class compartment and lavatory compartment converted into 3 rd class for the use of ladies only see Mr Birt's letter 23.2.94; title altered to Composite-10 to Y30	8.12.91	1891	P27 Y30	206C	PB	335	
8537	Gas Holder Capacity 6,000 Cu Ft	1' to 1' general arrangement of gas holder and frame	- .1.92	1892	-	-	CI	205	-
8548	Four Wheels Coupled Tank Engines M15 Class Rebuilt-Arrangement of Motion	3" to 1' side elevation of motion part ink and pencil	-	1892	M15	F4	CIP	220	-
8549	Rebuilt Four Wheels Coupled Tank Engines M15 Class-Intermediate Valve Spindle	Full size elevations of spindle Endorsed: altered 14.8.95 and 21.7.21	13.1.92	1892	M15	F4	CI-C	220	-
8569	Mixed Traffic Engine Transverse Views	1" to 1' undimensioned half front elevation and front and rear sectional elevations My comment: ornamental headings for publication or display	13.1.92	1892	T26	E4	PB	300	-
8574	Standard Sand Box Classes T19, C32, T26	3" to 1' arrangement of sand box and details of application to different classes	31.12.92	1892	T19 C32 T26	D13 F3 E4	CI	208	-
8575	Four Coupled Express S29, T19 Class-Framing	1½" to 1' detailed elevations and plan of framing Endorsed: various alterations	18.1.92	1892	S29	D13	CI-C	208	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8576	Four Wheels Coupled Express Engines S29 Class- Brake Arrangement	1½" to 1' arrangement shown on outline elevations and plan of engine Endorsed: amended 6.5.95	29.3.92	1892	S29	D13	CI-C	208	-
8578	Tar Box and Retort Head for Gasworks	3" to 1' arrangement of components Endorsed: additional details added 18.12.93 for Norwich Gasworks	20.1.92	1892	-	-	CP	197	-
8581	Details of Gasholder	1½" and 3" to 1' of components of ironwork for fixed gasholder	17.2.91	1891	-	-	CP	197	-
8582	Four Wheels Coupled Express Engines S29, Class T19 (D13)-Coupling Rod	Full size elevations, plan and section Endorsed: amended 23.8.07 and 5.3.41	26.1.92	1892	T19	D13	CI	194	-
8592	Hose and Mounting Machine	6" to 1' elevations of machine Copy of Westinghouse Brake Co. drawing	8.3.92	1892	-	-	P-C	193	-
8599	Second Class Saloon E31	1" to 1' general arrangement of body and underframe of 34'6" carriage open interior, two toilets at one end, with low elliptical roof, dual fitted and gas lighting Endorsed: title altered to 3 rd Class Saloon No 18	16.11.92	1892	E31	14C	CI	335	
8602	Standard Lubricator	Full size elevations and section of lubricator and unions Endorsed: altered 13.7.92, 3.4.94, 22.7.95 & 14.1.97	1.3.92	1892	-	-	CI-C	381	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8604	Six Wheels Coupled Tank Engines Class S56- Arrangement of Spike Bands for Boiler Lagged with Asbestos Mats	1½" to 1' outline elevation of boiler showing position of bands	- .2.04	1904	S56	J69	P-C	198	-
Att									
8604	Six Wheels Coupled Tank Engines R24 Class P29- Rod, Pipe and Clothing Arrangement	1½" to 1' side and end elevations and plan of engine Endorsed: numerous alterations for S56 and future classes My comment: rather stained and dirty, drawn by A.C.W. Lowe	9.3.92	1892	R24 P29	J67	CI-C	312	-
8618	Family Saloon F31	1" to 1' general arrangement of body and underframe of 34'6" carriage with low elliptical roof, dual fitted and gas lighting Endorsed: for underframe see Dg No 8599	9.2.93	1893	F31	I5C	CI	335	2
8629	Ironwork Details of 34Ft 6Ins Third Class Carriage	3" to 1' details of numerous components	- .7.92	1892	-	422C	PB-C	335	
8629	Ironwork Details of 34Ft 6Ins Third Class Carriage	3" to 1' details of components Endorsed: altered 15.12.92 and 29.8.95	- .7.92	1892	-	422C	P-C	228	-
8637	Setting of Retorts for Gasworks	1" to 1' elevation and plan of 4 pairs of retorts in line My comment: this drawing is fragile and torn into two pieces	1.10.99	1899	-	-	P-C	198	-
8645	Water Box, Pipes and Bends for Gasworks	1½" and 3" to 1' details of various pipes and bends	5.6.92 6.2.93	1892	-	-	CI	194	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8651	Standard Boiler	1½" to 1' arrangement of 42" diameter boiler with full size sections of riveting Endorsed: numerous alterations	25.9.93	1893	-	-	CI-C	194	-
8666	Six Wheels Coupled Goods Engines Class N31 - Cylinders	3" to 1' sectional elevations and plans of cylinders Endorsed: numerous amendments	17.5.92	1892	N31	J14	CI	191	-
8666	Classes S44 and N31 Engines-Alteration to Steam Pipe Flange on Cylinders	Full size elevations of flange showing alteration	7.5.21	1891	S44	G4	P-C	193	-
Att					N31	J14			
8670	Six Wheels Coupled Goods Engines Class N31, S44-Spring Details	3" to 1' arrangement and full size of components Endorsed: numerous alterations	29.6.92	1892	N31	Y14	CI-C	191	-
					S44	G4			
8677	Details of Frame for 14 Ton Machine Truck	3" to 1' details of frame components	16.6.92	1892	-	-	CP	336	
8678	Standard Wagon Springs	3" to 1' elevations, plans and sections of 5 types of spring	22.6.92	1892	-	-	CI-C	336	
8681	Single Express Engines D27 Class F32, T19-Piston Rod	Full size sections and elevation of 18" piston T19 E4 Endorsed: numerous alterations My comment: the word 'single' in the title has been deleted	1.7.92	1892	D27	-	CI-C	191	-
					F32	-			
					T19	D13			
8684	Injector Steam Cock	Full size elevations and sections of cock Endorsed: amended 25.3.07; for engine No 781 fitted with Holden & Brooks exhaust injector	6.7.92	1892	-	-	CI-C	192	-
8689	Alteration to Condensers and Pipes 6,000 Ft Gasholder	1/8" to 1' elevations and plan of oil gasworks at Stratford	- .9.96	1896	-	-	CI-C	191	-
8697	Dg Dewrance's Patent Cock No 11067	Full size side elevation of cock Endorsed: adopted 15.7.92; copy (1,119)	5.7.92	1892	-	-	CI	192	-
8700	Special One Horse Parcels Van No 675	1½" to 1' general arrangement of 4 wheeled horse drawn van length 7'6" inside	- .7.92	1892	-	-	CI-C	336	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8700	Special One Horse Parcels Van	1½" to 1' general arrangement of 4 wheeled covered van 7'6" inside length	9.8.92	1892	-	-	PB-C	276	-
8703	Six Wheels Coupled Tank Engines B32 Class E22-Cab and Tanks	1½" to 1" elevations and plan showing position of cab and tanks on part outline of frame Endorsed: undated alterations, including addition of coal rails My comment: an alteration made 12.1.21 involved rubbing clean an area of the drawing to receive the ink lines!	29.7.92	1892	E22 B32	J66	CI	438	
8709	Continental Traffic Wagon	1½" to 1' general arrangement of 22'10" open wagon with outside framing and 14' wheelbase	29.11.92	1892	-	10W	CI	336	
8714	Details for Ashpan Six Wheels Coupled Goods Engines X28 Class Y14	Full size elevations and plan of components	22.8.92	1892	Y14 X28	J15	CP	444	2
8723	Six Wheels Coupled Tank Engines Class B32-Framing	1½" to 1' elevations and plan of frames My comment: signed by Holden	30.8.92	1892	B32	J65	PB-C	312	-
8725	Hydraulic Jack to Lift 20 Tons	Full size sections and elevations of jack Endorsed: altered 28.11.93	7.9.92	1892	-	-	CP	438	
8738	Six Wheels Coupled Tank Engines B32 Class E22-Foundation Ring and Expansion Bracket	3" to 1' plan of foundation ring and expansion bracket and full size section of ring and details	11.10.92	1892	E22 B32	J65	CI-C	444	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8739	Six Wheels Coupled Tank Engines Classes E22, B32- Tank Stay	Full size elevations and plan of stay and 3" to 1' outline section showing attachment of brackets to boiler and tanks	19.11.92	1892	E22 B32	J66	CI-C	432	
8740	Six Wheels Coupled Tank Engines B32 Class E22- Boiler	1 1/2" to 1' sectional side and end elevations and plan with details of riveting Endorsed: altered 2.1.96 & 17.1.99	21.10.92	1892	E22 B32	J66	CI-C	438	
8741	Six Wheels Coupled Tank Engines Class E22, B32- Tank Sieve and Details	Full size elevation and half plan of tank and lid and components with 3" to 1' section of complete sieve	16.11.92	1892	E22 B32	J65	CI-C	444	2
8751	Plan of Gas Works	1/4" to 1' elevations, sections and plan of plant and buildings of the complete works at Stratford	- .10.92	1892	-	-	CI-C	432	
8757	Eight Wheel Main Line Passenger Tank Engines Class C32-Footplate and Westinghouse Reservoirs	3" to 1' sectional elevations, half sectional plan and half plan of reservoirs	13.10.92	1892	C32	F3	CI-C	432	
	Eight Wheel Main Line Passenger Tank Engine Class	1" to 1' elevations, plans and details of cab, tanks and bunker							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8758	Eight Wheel Main Line Passenger Tank Engine Class C32-Cab, Tank and Coal Bunker	Endorsed: see Dg No 9004 for air pipes on condensing engine; numerous alterations up to 11.34	- .10.92	1892	C32	F3	CI-C	444	3
8759	Eight Wheel Main Line Passenger Tank Engines Class C32-Flanged Plates for Tanks and Bunker	1½" & 3" to 1' showing five plates My comment: drawing appears to be unfinished	14.10.92	1892	C32	F3	CI-C	432	
8760	Eight Wheels Coupled Suburban Tank Engines Class C32-Tank Stays	3" to 1' details of brackets and iron shield and sectional elevation of their position between boiler and tanks	- .10.92	1892	C32	F3	CI-C	432	
8761	Eight Wheel Main Line Tank Engines Class C32-Expansion Bracket	3" to 1' elevation and plan of bracket with full size section showing method of fitting Endorsed: altered 4.5.99	20.10.92	1892	C32	F3	CI-C	438	
8763	Eight Wheel Main Line Tank Engines Class C32-Cylinder Cock and Sand Box Gear Details	Full size details of numerous components Endorsed: altered 4.10.09	28.1.93	1893	C32	F3	CI-C	439	
8764	Eight Wheel Main Line Tank Engines Class C32-Brake Arrangement	1½" to 1' outline side and end elevation and part plan of engine showing arrangement of brake Endorsed: altered 18.3.04	5.5.93	1893	C32	F3	CI-C	432	
8765	Eight Wheel Main Line Tank Engines Class C32-Brake Details	3" to 1' details of numerous components Endorsed: altered 18.3.04, 21.12.07, 25.10.08 & 13.7.33	20.2.93	1893	C32	F3	CI-C	438	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8766	Eight Wheel Main Line Passenger Tank Engines Class C32-Tank Connecting Pipes	3" to 1' elevations and plan of pipes and couplings	15.10.92	1892	C32	F3	CI-C	438	
8767	Eight Wheel Main Line Tank Engines Class C32-Reversing Gear	1 1/2" to 1' arrangement of gear in relation to outline of frame and 3" to 1' details of components Endorsed: altered 31.1.14	20.10.92	1892	C32	F3	CI-C	444	2
8768	Eight Wheels Main Line Tank Engines Class C32-Ashpan	1" to 1' elevations and plan of ash pan in relation to engine frame Endorsed: altered 1.34	12.12.92	1892	C32	F3	CI	444	1
8769	Eight Wheels Main Line Tank Engines Class C32-Outside Leading and Trailing Spring Links	Full size details of 7 components Endorsed: altered 18.1.94 & 11.10.01	9.12.92	1892	C32	F3	CI-C	432	
8770	General Arrangement of Eight Wheels Main Line Passenger Tank Engine	1 1/2" to 1' sectional side elevation and plan of 2-4-2 engine	21.9.93	1893	C32	F3	P-C	312	
8770	General Arrangement of Eight Wheels Main Line	1 1/2" to 1' sectional side elevation and plan of 2-4-2 engine	21.9.93	1893	C32	F3	CI-C	312	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8770	Passenger Tank Engine	My comment: this is a presentation standard drawing with ornate titles	21.7.93	1873	C32	F3	CI-C	312	
8779	Engines Classes S29, D27, T26, N31-Injector Clothing and Pipe Details	Full size details of numerous components Endorsed: altered 19.1.94, 5.10.96 and 18.9.09	22.11.92	1892	T26 D27 S29 N31	E4 - D13 J14	CI-C	432	
8781	Four Wheels Coupled Express Engines Class T19, D32-Cab	1½" to 1' elevations of cab and splashers in relation to boiler, end elevation of cab, plan showing splashers and outline section of boiler Endorsed: altered 8.10.04	1.12.92	1892	T19 D32	 D13	CI-C	438	
8785	Six Wheels Coupled Tank Engines B32, E22-Smoke Box	3" to 1' sectional side elevation, half section end elevation and half end elevation of smoke box and cylinders Endorsed: altered 10.12.94 & 10.1.97	25.11.92	1892	E22 B32	 J66	CI-C	432	
8788	Eight Wheel Main Line Tank Engines Class C32-Tank and Bunker Details	Full size details of numerous components Endorsed: altered 15.11.93, 30.11.94 & 18.10.95	29.11.92	1892	C32	F3	CI-C	439	
8789	Eight Wheel Main Line Tank Engines Class C32-Arrangement of Injectors Feed Pipe and Details	3" to 1' arrangement with full size details of components Endorsed: altered for class O33 18.8.93	7.12.92	1892	C32	F3	CI-C	439	
8790	Eight Wheels Main Line Tank Engines Class C32-Driving and Intermediate Spring Brackets and Hangers	Full size elevations and plans of brackets and hanger and 3" to 1' arrangement of assembly Endorsed: altered 13.9.94, 6.11.94, 3.2.96 & 21.1.02	21.12.92	1892	C32	F3	CI	444	1
8791	Eight Wheels Main Line Tank Engines Class C32-Ashpan Details	Full size elevations and sections of components Endorsed: undated alteration	20.1.93	1893	C32	F3	CI	444	2
8828	Standard Engine and Tender Springs	3" to 1' elevations, plans and sections of 7 types of spring, a compilation from Dg Nos 6012, 6191, 7149, 7268, 7269, 7740 & 7858	7.1.93	1893	-	-	CI-C	439	
8838	Six Wheels Coupled Tank Engines Class R24-Blast Pipe for Condensing Apparatus	Full size sectional elevations and plans of blast pipe Endorsed: altered 2.7.95, 5.07 & 2.12.26	25.1.93	1893	R24	J67	CI-C	439	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8839	Four Wheels Coupled Tank Engines Class G69- Cupboard	3" to 1' elevations and plan of steel cupboard	- .2.11	1911	G69	F6	CP	439	
Att									
8844	Arrangement of Condensing Apparatus Engines Class R24	3" to 1' details of numerous components Endorsed: numerous alteration up to 1.8.10	28.6.93	1893	R24	J67	PB-C	439	
8857	Cylinder Cover for Wrought Iron Piston Classes D27, F32, T19	Full size section and front elevation of cover Endorsed: 8.3.94, 26.8.14 & 31.8.14	24.3.93	1893	D27 F32 T19	- - D13	CI	438	
8859	General Arrangement of Fish Truck T32	1½" to 1' general arrangement of 16' open truck with 10' wheelbase outside framing fitted with Westinghouse brake Endorsed: work to red for P56 20.8.03, includes addition of Vacuum pipe	11.4.93	1893	T32	24M	CI-C	336	
8860	Details of Ironwork for Fish Truck	3" to 1' details of components for class T32 Endorsed: work to red for P56 20.8.03	- .4.93	1893	T32	24M	CI-C	336	
8868	Ironwork Details of Carriage Truck C33	3" to 1' details of components	13.4.93	1893	C33	4M	CI-C	336	
8869	General Arrangement of Carriage Truck C33	1½" to 1' general arrangement of body and underframe of 16' open truck with 10' wheelbase fitted with Westinghouse brake Endorsed: standard type of bar to be used for renewals see Dg No 13427 30.7.08	27.3.93	1893	C33	4M	CI-C	336	
8875	Standard Six Wheeled Underframe	1" to 1' elevations, plan and sections of 33'10½" wood underframe with 22'6" wheelbase and details of brakes for 34'6" carriage stock	- .6.92	1892	-	-	CI-C	335	2
8894	Details of Mail Apparatus	3" to 1' details of components of pick up gear for mail carriages	5.8.93	1893	-	-	PB	335	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8898	Diagram Showing Standard Position of Westinghouse and Vacuum Brake Pipes on Main Line Carriage Stock with Either Wood or Steel Underframes	1½" to 1' side and end elevations of pipes on open carriage trucks	6.5.93	1893	-	-	CI-C	336	
8911	Details of Ironwork for Continental Luggage Boxes and Truck	3" to 1' details of components for small boxes Endorsed: work to blue 4.3.07; for E33 class two old carriage trucks were utilised instead of building new ones	10.6.93	1893	E33	I3M	CI-C	336	
8914	Details of Condensing Apparatus for Engines Class R24	3" to 1' details of numerous components	15.5.93	1893	R24	J67	CI	439	
8926 Part	Steam Brake Class T18	3" to 1' side and end elevation of assembly and full size details of components My comment: applied to engine No 397	19.4.95	1895	T18	J66	PB-C	444	I
8928	Six Wheels Coupled Goods Engines Class L33-Cast Steel Wheels	Full size part elevation and half section of 14 spoke driving wheel 4'11" diameter on tread, section showing balance weights and 1½" to 1' scale elevation of whole wheel showing arrangement of leading and trailing wheels Endorsed: altered 28.4.93, 10.11.93 & 1.3.99	3.6.93	1893	N31 L33	-	CI-C	439	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8933	Alteration to Footplate Casting for T77 Engines Fitted with Vacuum Brake	3" to 1' part section of casting	24.7.16	1916	T77	J19	P	444	2
Att									
8933	Six Wheels Coupled Goods Engines Class N31, H33, LM3780, G58, E72	3" to 1' sections and plan of footplate Endorsed; numerous alterations for subsequent classes to T77 25.7.16	26.6.93	1893	N31 G58 E72, T77	J14 J17 J18 J19	CI-C	444	2
8934	Six Wheels Coupled Goods Engines Classes N31, H33, L33, S44-Sand Box and Splashers	3" to 1' elevations, section and plan of splashers and sand box and full size details of components	17.7.93	1893	N31 S44	J14 G4	CI-C	444	2
8936	Frame and Boiler Stay Class T19	Full size section of method of fixing and 3" to 1' elevations of stay shown in relation to boiler	2.6.93	1893	T19	D13	CI-C	432	
8941	Standard Tender Wheel	Full size quarter elevation and half section of 10 Spoke wheel 4'1" diameter on tread and 3" to 1' elevation and section of complete wheel	10.6.93	1893	-	-	CI-C	438	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8942	Arrangement of Mail Apparatus	1½" to 1' arrangement of apparatus shown on part elevations and plan of mail van to Dg No 8080 and details to Dg No 8927; net in closed position on elevation and open on plan and end elevation	14.6.93	1893	-	700C	CI-C	336	
						701C			
8973	Steel Firebox	3" to 1' sectional side elevation of steel firebox for tank engines with full size detail of tubeplate and stays	14.4.93	1893	-	-	CI-C	438	
8998	Ironwork Details-Continental Traffic Wagon Class (Subsequent to P31)	3" to 1' details of numerous components My comment: subsequent stock built to a new general arrangement	30.10.93	1893	-	-	CI-C	336	
9001	Springs 9 Coils	Full size details of spring 3¼" diameter by 7 5/8" long My comment: a stores ordering drawing	-1893	1893	-	-	P	282	-
9004	Footboard for Engines C32 Class	1½" to 1' plan and section of footboard for use within cab	1.11.93	1893	C32	F3	CP	282	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
X									
9004	Eight Wheels Main Line Passenger Tank Engines Class C32-Arrangement of Condensing Gear	1½" to 1' outline sectional elevations and plan of engine showing condensing gear	16.11.93	1893	C32	F3	CI-C	282	-
9004 Part	Eight Wheels Main Line Passenger Tank Engines Class C32-Overflow and Air Pipes for Condensing Engines	1½" to 1' arrangement of pipes shown in relation to outline elevations and plan of tank and bunker Endorsed: revised pipe runs 1.2.95	8.2.94	1894	C32	F3	PB	282	-
9005	Eight Wheels Main Line Passenger Tank Engine Class C32-Details of Condensing Gear	3" to 1' details of components Endorsed: for engines fitted with spark arrestor see Dg No 14951 14.6.06	10.11.93	1893	C32	F3	CI-C	281	-
9006	Eight Wheels Main Line Passenger Tank Engines Class C32-Blast Pipe for Condensing Gear	6" to 1' elevations and plan Endorsed: amended 9.4.02, 23.7.07 & 2.9.26	15.11.93	1893	C32	F3	CP	282	-
9010	Parcels Cart	1½" to 1' general arrangement of 1 horse 2 wheeled cart 4'9" wheels, 5'6" inside with hard roof Endorsed: to carry 15 cwt	30.11.93	1893	-	-	CI-C	237	-
9018	Ironwork for Parcels Cart	3" to 1' details of components Endorsed: altered to red 11.3.98	- .12.93	1893	-	-	PB-C	237	-
		Full size elevations of brackets and 6" to 1' details of 1'2" diameter disc for engine headcode							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9023	Standard Disc, Destination Board and Bracket	Endorsed: see Dg No 17565 for 12½" diameter destination boards and brackets for smokebox door; altered 13.8.09 & 30.6.37; two required per set N7 engines with number plate fitted on smokebox door 1 right hand, 1 left hand 5.7.48	4.12.93	1893	-	-	CI-C	282	-
9030	Express Parcels Cart	1½" to 1' general arrangement of 2 wheeled cart 5'6" length inside Endorsed: altered 13.7.95 My comment: strip along right hand side of drawing almost severed	15.10.94	1894	-	-	PB-C	276	-
9031	Ironwork for Express Parcels Cart	3" to 1' details of components Endorsed: altered 27.8.95 and 10.3.98	23.7.95	1895	-	-	PB	237	-
9039	General Arrangement of High Sided Wagon with Fox's Pressed Steel Underframe X32, Y32	1½" to 1' general arrangement of 15' 5 plank wagon and half plan of underframe Endorsed: horse hook added 9.7.95 for P36 and future classes	11.1.94	1894	X32 Y32	17W	CI-C	237	-
9043	Bridge for Joint of Gas Holder (Capacity of Gas Holder 800 cu ft)	Full size elevations of fitting to seal manhole at end of holder	12.1.94	1894	-	-	CI-C	237	-
9054	Tramway Engines Variable Blast Pipe	Full size sections of blast pipe and 3" to 1' arrangement of operating gear Endorsed: altered 26.6.03; amended for class C53	24.1.94	1894	G15	Y6	CI-C	282	-
9058	Frame and Boiler Stay Class T26 (E4)	3" to 1' arrangement of stay on boiler and full size details Endorsed: superseded for new fireboxes or backplates by Dg No 39006 14.8.54	30.1.94	1894	T26	E4	CI-C	214	-
9062	3 Tons Hook and Pulley	6" to 1' elevations and plan of assembly, for workshop use?	4.2.94	1894	-	-	CI-C	281	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9069	Locomotive Model for Dormitory	Full size elevations and plan of model locomotive motion for use in the Stratford Enginemens dormitory	16.3.94	1894	-	-	CP	281	-
9088	Travelling Gas Reservoir	1" to 1' arrangement of cylinder 6'10" diameter 880 cu ft capacity and 3" to 1' details of jointing Endorsed: these brackets not required for stationary gas reservoirs; for fixing see attachment to shop copy My comment: fixing is between cylinder and underframe	5.3.94	1894	-	-	CI-C	237	-
9088	Travelling Gas Reservoir	1" to 1' arrangement of cylinder 6'10" diameter 880 cu ft capacity and 3" to 1' details of jointing Endorsed: these brackets not required for stationary gas reservoirs; for fixing see attachment to shop copy My comment: fixing is between cylinder and underframe	5.3.94	1894	-	-	P	237	-
9091	No 40 Combination Ejector with Automatic Vacuum and Pressure Valve	Full size elevation and plan Endorsed: received in drawing office 5.3.94; not drawn correctly; copy of Dg No 3153 origin not recorded	21.2.94	1894	-	-	BP	281	-
9099	Permanent Way Brake Van Class H34	1½" to 1' general arrangement of 20' van Endorsed: cast iron weights put in lockers to bring weight of van up to 10 tons 26.11.07; for cast iron weights see Dg No 16280	9.3.94	1894	H34	38W	CI	237	-
9119	Westinghouse Brake 13In Brake Cylinder, Piston Cover and Details	Full size section, elevation and plan of cylinder and components and 3" to 1' details	6.4.94	1894	-	-	CI-C	281	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 9.10.01							
9123	Ironwork Details for Cattle Wagons P34 Class	3" to 1' details of numerous components for body and wood underframe Endorsed: altered 5.1.95	23.4.94	1894	P34	5W	PB-C	380	
9123	Ironwork Details for Cattle Wagons P34 Class	3" to 1' details of components Endorsed: details of door catch altered 2.1.95	23.4.94	1894	P34	5W	PB-C	237	-
9126	Standard Goods Cart	1½" to 1' general arrangement of two wheeled cart 6'3" inside length Endorsed: amended 12.6.06	- .6.89	1889	-	-	PB-C	276	-
9126	Standard Goods Cart	1½" to 1' general arrangement of open 4 wheeled cart with 4'9" dia wheels	- .4.94	1894	-	-	CI-C	237	-
9127	Details of Ironwork for Standard Goods Cart	3" to 1' details of components Endorsed: altered 12.6.06	- .2.95	1895	-	-	PB-C	237	-
9130	Engines Nos 209, 210, 228 & 229, 226, 227, 230, 231-Boiler	1½" to 1' arrangement of boiler with sections and details of riveting Endorsed: altered 12.10.06, 17.10.06 & 10.11.13	- .12.03	1903	209	Y5	PB-C	281	-
9133	Wheel for Bogie of No 10 Saloon	3" to 1' arrangement of 3' diameter wheel and axle and full size section of wheel, 8" x 3¾" journals Endorsed: and 30Ft tramcars; altered 7.9.94, 15.7.97 and 12.3.06	24.4.94	1894	-	8C	CI-C	237	-
9136	Arrangement of Ejector and Automatic Vacuum and Pressure Valve on Engines T19, T26 & 221 Classes	Full size section and plan of automatic vacuum and pressure and vacuum valve and three 1½" to 1' elevations of fittings on boiler head Endorsed: T19 altered 14.1.97	30.4.94	1894	T19 T26	D13 E4	PB	281	-
9172	Engines Nos 209, 210, 228, 229, G40 Class-Cab	1½" to 1' elevations and half plan of cab Endorsed: amended 18.10.15 for plate to prevent glare from firehole; for glare screen for back cab window see Dg No 20444	30.5.94	1894	209	Y5	C-I	280	-
9173	General Arrangement Four Wheels Coupled Express Engine	1½" to 1' sectional side elevation and plan of 2-4-0 engine My comment: ornamental border for reproduction or display	14.6.94	1894	T19	-	PB	300	-
9174	General Arrangement Standard Tender	1½" to 1' arrangement of tender frame length 18'3", elevations and plan	27.6.94	1894			P	281	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9174	General Arrangement Standard Tender	My comment: possibly a presentation plan, dirty and damaged	27.6.74	1874	-	-	-	201	-
9192	20Ft Covered Carriage Truck K35 Class	1½" to 1' general arrangement of 20'3" truck with underframe details Endorsed: for alteration to hand brake see tracing attached to shop copy Dg No 7.1.95; note roofs of carriage trucks order K35, except No 165, was lowered to dimensions in red 31.8.07	27.8.94	1894	K35	10M	PB	237	-
9195	Alteration to Brake for Wagon Conveying Material to and from Loco Department	1½" to 1' arrangement of brake shown on outline of right hand end of wagon and 3" to 1' details of components My comment: appears to be low side truck built c.1889 to LM230	9.7.94	1894	-	-	CI-C	237	-
9205	12In x 26In and 10In x 24In Westinghouse Reservoirs	6" to 1' sectional side and end elevations of cylinders with 2 sets of dimensions Endorsed: SDO	23.7.94	1894	-	-	CI-C	280	-
9208	Westinghouse Brake 8In and 6In Double Piston Brake Cylinders	6" to 1' elevations and plan and sections Endorsed: altered 11.1.05	17.7.94	1894	-	-	CI-C	280	-
9215	Bearing Spring for 20 Ton Machine Truck Class E35	Full size elevations and plan of 4 leaf spring 3'2" centres Endorsed: title altered to read 'Bearing Spring for 5 Tons Steam and Hand Crane G41' 23.10.08	27.7.94	1894	E35	27W	CI-C	237	-
9228 Att	Drip Cup for Westinghouse Brake	Full size elevations and plan Endorsed: altered 19.10.09 and 24.12.19	- .10.09	1909	-	-	CI-C	280	-
9236	Ironwork for 20 Ft Covered Carriage Truck K35	3" to 1' details of components Endorsed: see tracing attached to shop copy for hand brake lever 9.1.95	- .10.94	1894	K35	10M	PB-C	237	-
9243	Proposed New Wagon Shops at Temple Mills	1" to 12' sectional side and end elevation and roof plan of shops and ½" and 1" to 1' details of roof construction	6.10.94	1894	-	-	C-I	280	-
9244	New Wagon Shops at Temple Mills-Details of Joints, Doors, etc for New Wagon Shops	½" and 1½" to 1' elevation of partition between wagon shops and sawmills and sundry details	6.10.94	1894	-	-	CP	280	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9254	Four Wheels Coupled Engines I34, T26 Class-Ashpan and Details	3" to 1' arrangement of ashpan and full size details of fittings	24.9.94	1894	I34 T26	E4	CI-C	280	-
9262	Cast Steel Trolley Wheels	Full size elevation and section of 1'5" and 1'7" diameter wheels with 5 curved spokes	24.10.94	1894	-	-	CI-C	280	-
9264	Brass Work for Westinghouse Brake	Full size details of 4 components Endorsed: amended 9.04 and 2.06; for engines classes S44, C32 and M15 after D58	17.1.95	1895	-	-	CI-C	200	-
9273	Main Line Brake Van Ironwork Details	3" to 1' details of components Endorsed: wood underframe	12.6.96	1896	-	518C	Pb	237	-
9286	Train Indicator Board for Liverpool Street Station	1" to 1' elevations of a structure containing a 12 destination indicator with luggage label lockers at base	- .11.89	1889	-	-	PB	237	-
9287	Spiral Springs for Steam Brake Cylinders	Full size elevations of 11 coil spring 1'11" long, 6¾" diameter	29.10.94	1894	-	-	CI-C	281	-
9288	Alteration to Brakework Engines Nos 209, 210, 228 & 229	1½" and 3" to 1' part side elevations and plan of modifications	12.10.94	1894	209	Y5	CP	281	-
9296	Carriage Draw Hook, Coupling and Side Chain	Full size arrangement of drawhook and 5 link side chain Endorsed: several amendments	16.1.95	1895	-	-	CI-C	237	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9302	Ironwork Details for Main Line Third Class Passenger Brake Van Classes P35, R35, X35	3" to 1' details of components	29.11.94	1894	P35 R35 X35	514C	PB	237	-
9304	Blower	Full size elevations, plan and details Endorsed: altered 18.4.01, 31.10.01 & 21.7.04; altered for class B74 23.5.13	13.11.94	1894	-	-	CI-C	281	-
9304 Att 3	Six Wheels Coupled Bogie Express Engines Class S69- Blower Socket and Gear	Full size arrangement and details	- .11.11	1911	S69	B12	P	281	-
9304 Att 4	Four Wheels Coupled Shunting Engine Class B74- Blower Lever	Full size details of lever	- .5.13	1913	B74	Y4	CP	281	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9309	Eight Wheels Main Line Tank Engines G35-Ashpan and Details	1" to 1' arrangement of ashpan and full size details of fittings	16.11.94	1894	G35	F3	PB	280	-
9310	Eight Wheels Main Line Tank Engines Class C32- Arrangement of Springs for Controlling Lateral Play of Lg and Tg Wheels	Full size elevations and plan My comment: nearly illegible	19.11.94	1894	C32	F3	CP	280	-
9326	18 Ft Tramcar	1" to 1' general arrangement of 4 wheeled tramcar with 2'8" dia wheels 601 Endorsed: T25 class My comment: oil lit	- .3.95	1895	T25	600C 601C	PB-C	237	-
9337	Tank for Hydro Carbon Stratford Gas Works	Unscaled plan showing 5 cylinders in line with full size details of fittings Endorsed: to be made from old condensers which are 31' x 2'1 1/2" diameter	27.12.94	1894	-	-	PB	281	-
9338	Westinghouse Brake Coupling	Full size arrangement and details of coupling and hose with canvas covering Endorsed: altered 26.4.97, 9.07, 3.10.01, 21.9.09, 8.11.09 & 24.12.19	27.12.94	1894	-	-	CI-C	281	-
9341	Axleboxes for Engines Classes: Driving and Trailing	Full size sections, plan and elevation			T19	D13			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	T19 & T26; Driving and Intermediate C32; Leading and Driving S44; Trailing Only F48, G58 & E72; Leading and Intermediate N7	Endorsed: altered 8.4.27; for N7 see Dg No 32292 5.35; altered 10.3.43	- .5.25	1925	T26 C32 S44 F48 G58 E72	E4 F3 G4 J16 J17 J18	P	280	-
9341	Dg and Tc Axlebox for Engines Class G14, 230, T19, T26; Dg and Intermediate C32, S44 (Leading and Driving); Lc, Dg and Tc N31; Dg T27; F48, G58, E72 Trailing Only; Intermediate Axlebox for Engines Class L77	Full size sectional elevations and plan of axlebox Endorsed: see attachment for alteration to white metal; altered 31.3.98 & 2.11.09; cancelled see new drawing, same number 6.25 My comment: Dg = driving, Tc = trailing, Lc = leading	2.1.95	1895	G14 T19 T26 C32 S44 N31 F48 G58 E72 L77	- D13 E4 F3 G4 J14 J16 J17 J18 N7	CI-C	281	-
9345	Standard Scroll Iron Spring Shackles Arranged on 34Ft 6Ins and 32Ft Carriage Underframes	1" to 1' side elevations of 33' 10½" and 31' 4½" timber frames and 3" to 1' details of components Endorsed: altered 1.2.96 for centre irons, pipe eyes to be used	9.1.94	1894	-	-	CI-C	237	-
9357	Cast Ironwork, Etc. for Brake Vans	6" to 1' and full size details for carriage stock Endorsed: work to red for bogie suburban carriages 20.10.11	16.1.95	1895	-	-	CP	237	-
9360	Rebuilt Four Wheels Coupled Tank Engines Class M15-Connecting Rod	Full size elevations and plan and 3" to 1' arrangement of rod Endorsed: numerous alterations up to 23.4.41	19.1.95	1895	M15R	F5	CI-C	282	-
9362	New Wagon Shops at Temple Mills-Engine and Boiler House	¼" and ½" to 1' elevations and sections of engine house with 1½" to 1' constructional details of framing and roofing	30.1.95	1895	-	-	CI-C	282	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9363	General Arrangement Six Wheels Coupled Goods Engines	1½" to 1' sectional side elevation and plan of 0-6-0 engine Endorsed on reverse of plan: N31, L33	- .1.95	1895	N31	J14	CI-C	301	-
9371	Blast Pipes-Engines Classes T19, D27, T26, C32, T18, E22, Y14, N31	3" to 1' elevations, plan and sections of 6 types of blast pipe with full size details Endorsed: 17.8.07 & 2.12.26	- .1.95	1895	T19 D27 T26 C32 T18 E22 Y14 N31	D13 - E4 F3 J66 J65 J15 J14	CI-C	381	
9375	Four Wheels Coupled Tank Engines Class M15 Rebuilt-Boiler	1½" to 1' sections and plan and full size details of riveting Endorsed: numerous alterations	12.2.95	1895	M15R	F5	CI-C	282	-
9376	Four Wheels Coupled Tank Engines Class M15 Rebuilt P55-Foundation Ring and Expansion Bracket	3" to 1' plan of ring and full size details of riveting Endorsed: altered 4.5.99	8.2.95	1895	M15R P55	F5	CI-C	282	-
9377	Six Wheels Coupled Tank Engines Class T18-Boiler Renewals No 1c	1½" to 1' elevations and sections with full size riveting details Endorsed: altered 15.2.96, 22.10.96, 17.1.99 & 4.11.13	12.2.95	1895	T18	J66	CI-C	381	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9378	Eight Wheels Main Line Passenger Tank Engines Class C32, G35-Outside Leading and Trailing Hornblocks	Full size elevations and plan Endorsed: altered 30.3.95 & 18.3.03	13.2.95	1895	C32 G35	F3	CI-C	282	-
9380	Four Wheels Coupled Tank Engines M15 Class Rebuilt-Reversing Rod Index Plate, Etc.	3" to 1' arrangement and full size details but without dimensions Endorsed: altered for L77 class 29.10.14	20.2.95	1895	M15R	F5	CI	282	-
9381	One Horse Van	1½" to 1' general arrangement of 4 wheeled van 9'0" inside length Endorsed: modified 10.12.95 My comment: right hand side of drawing damaged, some loss of detail	- 4.85	1885	-	-	PB-C	276	-
9384	Eight Wheels Main Line Passenger Tank Engines C32, G35-Alteration to Framing	3" to 1' part elevations showing modifications to be made	1.3.95	1895	C32 G35	F5	CI-C	282	-
9401	Four Wheels Coupled Tank Engines P55, M15 Class Rebuilt-Alterations to Tanks	1½" to 1' arrangement of tank in relation to outline of engine Endorsed: amended 10.95, 10.04, 10.05 and 8.06	29.4.95	1895	M15 P55	F5	CI	186	-
9402	Four Wheels Coupled Tank Engines M15 Class Rebuilt-Arrangement of Condensing Gear	1½" to 1' arrangement of gear shown on outline elevations and plan of engine	27.9.95	1895	M15	F5	P-C	189	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9403	Four Wheels Coupled Tank Engines M15 Class Rebuilt, O18, P55-Connecting Pipes for Tanks	Full size details of pipes and 3" to 1' assembly details	17.6.95	1895	M15 O18 P55	F4	CI-C	183	-
9404	Rod, Pipe and Clothing Arrangement Class M15, O18, P55	1½" to 1' elevations and plan of engine Endorsed: amended 6.11.05	21.4.95	1895	M15 O18 P55	F4	CI	214	-
9410	Four Wheels Coupled Tank Engines M15 Class Rebuilt-Smokebox	3" to 1' sectional elevations of smokebox and cylinders Endorsed: amended for engines with spark arrestor 9.05	- .9.95	1895	M15	F4	P-C	185	-
9411	Four Wheels Coupled Tank Engines M15 Class Rebuilt-Blast Pipe and Valve for Condensing Apparatus	3" to 1' arrangement of apparatus and full size details of components Endorsed: amended 9.07 and 12.26 My note: in faint pencil and virtually illegible	3.7.95	1895	M15	F4	CP	187	-
9412 C	Standard 15Ft Wagon Iron Work Details for Coal Wagon Class -	3" to 1' details of components My comment: originally numbered Dg No 9412B	- .10.99	1899	-	31W	PB	261	-
9414	Detail Ironwork for High Sided Wagon with Pressed Steel Underframe C36	3" to 1' details of components for 15' frame Endorsed: horse hook added 25.7.95 for P36 and future classes	- .4.95	1895	C36	17W	PB	261	-
9421	Smokebox Engines Class H35, T19	3" to 1' sectional elevations of smokebox and cylinders	- .2.95	1895	T19 H35	D13	CI-C	247	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9422	Westinghouse Brake Pump	Full size elevations and sectional elevations of 6"6½" pump Endorsed: altered 17.8.01 and 30.5.12; see Dg No 9352 for details of parts 1 to 5 and Dg No 9353 for part 6	23.4.95	1895	-	-	CI-C	247	-
9425	Four Wheels Tank Engines Class M15 Rebuilt-Details of Cylinder Cock Gear	Full size arrangement and full size details of components Endorsed: amended 28.11.95 and 9.6.96	23.5.95	1895	M15	F4	CI-C	195	-
9430	Pair Horse Van	1½" to 1' general arrangement of 4 wheeled open topped van with 11'9" long body	6.6.95	1895	-	-	CI-C	261	-
9430	Pair Horse Van	1½" to 1' general arrangement of open 4 wheel van 11'9½" inside length Endorsed: amended 9.1.96, 12.6.06 and 4.12.13	26.11.95	1895	-	-	PB-C	276	-
9434	Tivetshall-Details of Proposed Troughs for Taking Up Water by Express Engines	Full size section of trough and a sectional elevation of trough ends Copy of Engineers plan No A9003 dated 28.4.96	18.5.95	1895	-	-	P-C	193	-
9436	Spring Hanging for Suburban Carriages with Pressed Steel Underframe	Full size elevations and plan for K, L & M36 classes with reversed channel profile	- .7.95	1895	-	-	PB	261	-
9438	Arrangement of Westinghouse Brake-Main Pipe at End of Engines and Tenders	3" to 1' arrangement with full size details of brackets, sockets, etc. for E22 and R24 classes	7.6.95	1895	E22	J66	CI-C	195	-
9439	Alteration to Spring Hanging for 20 Ton Machine Truck	6" to 1' details of alterations Endorsed: title altered to 25 ton capacity E35 and H65	11.6.95	1895	-	27W	PB	261	-
9449	Train Staff	Full size elevation and section of brass staff marked Bury & Lavenham	26.6.95	1895	-	-	CP	195	-
9450	Boiler for Renewals of Engines Classes T19, Y14 29.7.95 T19 D13 T19 Engines Built Prior to T24 (No 760) Y14 Engines Built Prior to L28 (No 895)	1½" to 1' arrangement of boiler Endorsed: numerous amendments My note: poor condition	29.7.95	1895	T19 Y14	D13 J15	CI-C	208	-
9451	Ironwork for Pair Horse Van	3" to 1' details of components Endorsed: several alterations	- .10.95	1895	-	-	PB-C	261	-
9454	Footboard for T18 Class Engines	1½" to 1' elevations and section of footboard Endorsed: amended 19.8.12	24.6.95	1895	T18	J66	CI-C	183	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9462	Inside Axlebox for 20 Ton Machine Truck	Full size elevation, sections and plan of axlebox for journal 5¾" x 12" marked 'L' Endorsed: outside axlebox is to Dg No 9164; altered to 25 ton E35 and H65	- .7.95	1895	-	27W	CI-C	261	-
9466	Six Wheels Coupled Tank Engines Class F36, T18, G75-Smokebox	3" to 1' sectional side and end elevations of smokebox and cylinder Endorsed: for alteration to condensing gear in smokebox see Dg No 14085; also for smokebox door G75 class see Dg No 18532	29.7.95	1895	T18 F36 G75	J66 J67 J68	CI-C	216	-
9471	Alteration to Spring Hanging for Gas Reservoirs	3" to 1' details of new hanging mounted on channel frame for 4 plate spring 4'7" centres	- .8.95	1895	-	63W	CI-C	261	-
9474	Tramway Engines-Arrangement of Automatic Governing Gear with Westinghouse Brake	Full size arrangement of gear Endorsed: amended 24.7.03 for C53 class	12.8.95	1895	G15 C53	Y6 J70	CI	188	-
9474 Part	Automatic Governing Gear-Tramway Engines	Full size section of component My comment: possibly an unfinished drawing	1.12.96	1896	G15	Y6	CP	194	-
9478	Four Wheels Coupled Tank Engines M15 Class Rebuilt-Details of Condensing Gear	3" to 1' details of components of condensing gear	1.8.95	1895	M15	F4	CI	197	-
9479	Bearing Spring for 20 Ton Machine Truck E35	Full size elevation, section and plan of 4 plate spring 3'2" centres Endorsed: altered to 25 ton E35 and H65 23.10.08	22.8.95	1895	E35	27W	CI-C	261	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9480	Alteration to Machine Truck Axle for Inside Bearings	3" to 1' elevation of wheelset showing 5¼" x 125/8" bearing, outside journal 10" x 5½"	- .8.95	1895	E35	27W	PB	261	-
9483	Morton's Handbrake on Standard 15Ft Steel Underframe	3" to 1' undimensioned elevations and plan of underframe with hand levers at the same end operating two blocks on one side	- .8.95	1895	-	-	CP	261	-
9484	Details of Morton's Handbrake for Standard Coal Wagon Class E36	3" to 1' details of components including two hand levers and two brake blocks	24.8.95	1895	E36	31W	CP	261	-
9488	Tram Engines-Arrangement for Driving Automatic Governing Gear	3" to 1' elevations of gear Endorsed: for complete arrangement of automatic gear see Dg 9474	4.9.95	1895	G15	Y6	P-C	199	-
9491	Details of Ironwork 10 Tons Furniture Wagon R37 Class	3" to 1' details of components Endorsed: replacement fittings added 9.7.97	- .2.96	1896	R37	19W	PB	261	-
9492	10 Tons Furniture Wagon R37 Class	1½" to 1' general arrangement of 20' wagon, 12' wheelbase on 2'8" diameter wheels	6.1.96	1896	R37	19W	CI-C	261	-
9496	Wheel for Milk Van LM1665 and X53	Full size section of 2'9" Mansell wheel with 8" x 3¾" journal and 3" to 1' sections of wheel and axle Endorsed: also for class X53 vans (dia 22M); used on tramcars on Kelvedon & Tiptree; Elsenham & Thaxted and Wisbech tramcars with wood wheels and journals 3" diameter; for Wisbech tramcars with steel centres see Dg No 6856; D&P8670 (fire engine truck) My comment: LM1665 was authorisation to prepare drawings	- .9.95	1895	X53	22M	CI-C	261	-
9503	Dining Saloon Axlebox 'G'	Full size elevations, sections and plans of oil box for 3¾" x 8" journals	3.2.96	1896	-	-	PB	261	-
9518	Second Class Suburban Carriage Class H36	1" to 1" of 27' 5 compartment body shown on pressed steel underframe with drop belly	- .10.95	1895	H36	304C	CI-C	261	-
9522	Hydraulic Press for Shops	Full size section of valve for press	- .10.95	1895	-	-	CI-C	195	-
9523	Details of Hydraulic Press for Shops	Full size details of pressure gauge, stop valve, pump, etc.	- .9.95	1895	-	-	CI-C	195	-
		Full size arrangement of cylinder							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9534	Steam Brake Cylinder Class T18	Endorsed: altered 27.5.08 for B74; see tracing dated 10.95	30.10.95	1895	T18	J66	CI	188	-
9536	Six Wheels Coupled Tank Engines Class T18, G75- Arrangement of Steam Brake 16	1½" to 1' arrangement shown in relation to elevations and plan of back end of engine Endorsed: amended 3.99, 3.04 and 2.22	16.12.95	1895	T18 G75	J66 J68	CI	187	-
9537	Six Wheels Coupled Tank Engines Class T18, G75- Details of Steam Brake	3" to 1' details of components Endorsed: amended 25.10.96, 25.10.98, 26.6.01, 24.10.02, 23.3.04 and 29.9.19	30.3.96	1896	T18 G75	J66 J68	CI-C	197	-
9537	Six Wheels Coupled Tank Engines Class J66-Details of Steam Brake	3" to 1' details of components of steam brake Endorsed: several undated modifications	- .2.37	1937	-	J66	PL	209	-
9556	Six Wheels Coupled Tank Engines Class C37, T18, G75-Leading Driving and Trailing Axlebox, Keep, Etc	Full size arrangement of axlebox, etc Endorsed: amended 12.03, 4.04, 1.06, 9.07 and 6.12; also for driving axlebox for engines fitted with new crank axle see Dg No 25529 6.25; superseded by Dg same No dated 9.25	27.11.95	1895	T18	J66	CI-C	187	-
9556	Six Wheels Coupled Tank Engines Classes T18, C37, G75, R24, S56-Alteration to Whitemetal of Leading, Driving and Trailing Axleboxes	Full size elevation of metalling Endorsed: superseded by new Dg 9556 9.25	- .5.15	1915	T18 R24 S56	J66 J67 J69	P-C	189	-
Att									
9567	General Arrangement of Hydraulic Hand Press	3" to 1' elevations and plan of press with full size details of case hardened packing blocks	- .12.95	1895	-	-	CI-C	187	-
9575	Six Wheels Coupled Condensing Tank Engines Class T18, C37-Cab and Tanks	1½" to 1' elevations and plans of cab and tanks Endorsed: amended with numerous alterations; not required for S56, see Dg No 13652	14.12.95	1895	T18 C37	J66 J67	CI-C	187	-
9588	Tank Engines Classes E22, R24, T18, C32, G75- Injector, Clothing and Pine Details	Full size details of components Endorsed: amended 10.96, 12.03, 1.04, etc.	30.12.95	1895	E22 R24 T18	J66 J67 J66	CI-C	182	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Injector Clothing and Pipe Details				C32 G75	F3 J68			
9606	General Arrangement of High Sided Wagon with Standard 15Ft Steel Underframe	1½" to 1' general arrangement of 15' 5 plank wagon with channel frames 9' wheelbase, inset showing pressed steel spring shoes and stops as an alternative to cast iron fittings; several amendments to 16.2.03 and 24.1.16	24.1.96	1896	-	17W	PB	261	-
9608	Bearing Spring for Furniture Wagon R37	Full size elevation, section and plan of 4 plate spring	- .1.96	1896	R37	19W	PB-C	261	-
9617	Engines Classes T19, T26, L37, D27-Arrangement of Leading Outside Axlebox 5.2.	Full size elevations and sections Endorsed: amended 2.97, 3.97, 4.04 and 7.06	5.2.96	1896	T19 T26 L37 D27	D13 E4 E4 -	CI-C	182	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9639	Feedcock for Engines Fitted with Davies & Metcalfe's Exhaust Injector	Full size arrangement of injector	28.2.96	1896	-	-	CP	183	
X 9646	Fox's Patent Pressed Steel Carriage Bogie	1½" to 1' elevations, sections and plan of 8' wheelbase bogie with 13'3" solebars Endorsed: copy of The Leed's Forge Co Ltd Dg No 1836A dated 2.3.96, standard type bogie My comment: a mounted copy of makers lithographed drawing	- .3.96	1896	-	-	-	261	-
9648	20Ft Open Carriage Truck Class L38	1½" to 1' general arrangement of 20'3" truck 12'4½" wheelbase Endorsed: original bulb L channel solebars altered to channel section for A54 and future classes 10.4.02 My comment: underframe suits covered carriage truck with minor amendments	- .3.96	1896	L38	6M	PB-C	261	-
9649	Ironwork Details for 20Ft Open Carriage Truck Class L38	3" to 1' details of components Endorsed: altered to red for Pooley's workshop van X69 7.7.11	- .4.96	1896	L38	6M	PB	261	-
9655	Addition to Body Shop Carriage Dept at Stratford	1/8" to 1' elevations and plan of 3 road shed 30'1'2" long with ½" to 1' structural details	6.3.96	1896	-	-	CI	182	-
9659	Regulator Valve for Carr. Dept. Traverser Engines	Full size detailed arrangement of valve	7.7.96	1896	-	-	CI	182	-
		1½" to 1' elevations, sections and plan of underframe with Dean type bogie							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9661	Bogie and Underframe Arrangement for HRH Prince of Wales Saloon No 31	Endorsed: title altered to read 'Bogie and Underframe Originally Built for HRH the Prince of Wales but Exchanged for Underframe of Royal Composite No 542'; this underframe was used for royal composite carriage No 542 Dg No 10506; for alteration to drawgear see tracing attached to Shop Copy of 9662 11.12.96 My comment: this is quite different to the photo tracing of the same number	- .5.96	1896	T37	17C	PB	261	-
9663	Saloon No 31 for HRH the Prince of Wales T37	¾" to 1' general arrangement of 41' body Endorsed: saloon No 31 is now known as the Kings Saloon; the underframe was filled in at the top with 7/8" matchboards covered with 6lbs lead sheet; top footboard raised by 5¼"	1.5.96	1896	T37	17C	PB	261	-
9683	Four Wheels Coupled Express Engines T19- Arrangement of Dewrances's Sight Feed Lubtr.	1½" to 1' arrangement of sight feed on outline elevations and plan of engine	14.4.96	1896	T19	D13	CI-C	182	-
9687	Alteration to Tenders LM 1709	1½" to 1' elevations and plan of 12'6" tender chassis with 5'8½" and 5'8½" wheelbase and fittings	16.4.96	1896	LM1709	-	CI-C	214	-
9690	Underframe for 1 st and 3 rd Class Carriages Dining Train A38 and B38	1" to 1' elevations, sections and plan of 33'10½" underframe with reversed channels Endorsed: altered 20.5.96 for WC soil pipes	29.4.96	1896	A38 B38	107C 406C	PB-C	261	-
9695	Arrangement of Scoop for Water Pick Up on Engines	3" to 1' detailed arrangement shown on outline of tender Endorsed: Altered to ¾" 27.6.98 (i.e. the scoop level below rail level)	3.2.97	1897	-	-	CI	182	-
9696	Six Wheels Coupled Goods Engines Class Y14- Arrangement of Steam Brake	1½" to 1' arrangement of brake gear and cylinder on outline elevations and plan of engine frame	21.4.96	1896	Y14	J15	CI-C	182	-
9697	Six Wheels Coupled Goods Engines Class Y14-Steam Brake Details	3" to 1' and full size details of components Endorsed: amended 10.98, 12.00 and 3.04	22.4.96	1896	Y14	J15	CI-C	186	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9697 Att	Six Wheels Coupled Radial Tank Engines K85 Class-7/8 Westinghouse Steam Cock	Full size arrangement of steam cock	- .2.20	1920	K85	N7	CP	186	-
9698	Pressure Plates for Boilers	Full size elevations and sections of 2 plates: a. a rounded lozenge shape 4 5/8" x 4 1/8" marked 'Working Press 140 Lbs per Sq In' b. an oval plate 4 5/8" x 2 1/8" with same markings	16.4.95	1895	-	-	CP	182	-
9700	Details of Water Troughs	Full size sections and elevations of troughs and inlets with 1/8" to 1' section of the taper ends of 10' long trough sections My comment: trough lengths – Tivetshall 550 yards and Ipswich 500 yards	- .5.96	1896	-	-	CI-C	186	-
9717	Oil Cups for Lubricating Axleboxes	Full size elevations and plans	12.5.96	1896	-	-	CP	258	-
9728	22Ft Parcels Van Class F39 & P39	1 1/2" to 1' general arrangement of 22' body for steel frame with P39 34M 13'6" wheelbase Endorsed: seven of P39 were built without a partition; altered 24.11.96	22.5.96	1896	F39 P39	35M 34M	PB	314	-
9737	Water Troughs-Details of Pipes and Valves	3" to 1' details of components	- .6.96	1896	-	-	CI-C	258	-
9744	Six Wheels Coupled Goods Engine Y14 Class Fitted with Steel Firebox and Steam Brake X45-Ashpan and Details	3" to 1' arrangement of ashpan, full size details of components Endorsed: altered 27.10.33; altered in red for engines with copper fireboxes	8.6.96	1896	Y14	J15	PB	258	-
9747	Arrangement of Tanks, Valve, etc for Water Troughs	3" to 1' elevations and sections of assembly	- .7.96	1896	-	-	CI-C	258	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9749	Steel Underframes for Suburban Carriages L39	1½" to 1' elevations and plan of 26' 10½" channel steel underframe with 15'6" wheelbase Endorsed: spring hanging to green for D41, for details see Dg No 10129	31.7.96	1896	L39	410C	PB	314	-
9772	Wagon Buffing Spring	Full size elevations and plan of 8 plate spring 5'0" centres unloaded	6.7.96	1896	-	-	PB	314	-
9773	Buffing Spring for Horse Box	Full size elevation, sectional elevation and plan of 8 plate spring 5'0"centres unloaded	31.7.96	1896	-	16M	PB	314	-
9777	Details of Ironwork for Horsebox Underframe 139	3" to 1' details of components Endorsed: work to red for H53 and future classes 17.9.01; for bearing spring gear see Dg No 11045 and door stop altered see Dg No 13781 7.5.04	8.7.96	1896	139	16M	PB	314	-
9786	Standard Carriage Lamp Irons	Full size details of 5 lamp irons Nos 1, 2, 3, 6 & 7	17.7.96	1896	-	-	CI-C	314	-
9795	Details of Underframe for Suburban Carriages L39 Class	3" to 1' details of components Endorsed: alterations to red for X39 and future classes 30.12.96; altered to green for D41 and future classes	-	1896	L39	410C	PB	314	-
9801	Low 10 Ton Machine Truck	1½" to 1' general arrangement of 29'6" wagon Endorsed: axleboxes altered to 'R' type to Dg No 16361 7.17; for loading baulks see Dg No 16425 16.4.08; this truck altered to L&SW and SE&C loading gauges, see Dg No 16014 LM4567 7.5.07	- .9.96	1896	E40	22W	PB	314	-
9802	Low 10 Ton Machine Truck-Solebars, Headstocks, Frame Plates, Channels, etc.	3" to 1' details of plates Endorsed: this truck altered to L&SW and SE&C loading gauges, see Dg No 16014 LM4567 7.5.07 My comment: this print is mounted on the back of the original ink drawing, as are others in this roll	- .12.96	1896	E40	22W	PB	314	-
		3" to 1' details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9803	Ramp and Corner Angles, Floor Bearers, etc. for Low 10 Ton Machine Truck E40	Endorsed: this truck altered to L&SW and SE&C loading gauges, see Dg No 16014 LM4567 7.5.07	- .2.97	1897	E40	22W	PB	314	-
9804	Low 10 Ton Machine Truck Class E40-Ironwork Details	3" to 1' details of components Endorsed: this truck altered to L&SW and SE&C loading gauges, see Dg No 16014 LM4567 7.5.07	- .12.96	1895	E40	22W	PB	314	-
9814	Arrangement and Details of Tablet Exchanging Apparatus	¾" to 1' arrangement of layout, including lamp posts, and 3" to 1' details of catching equipment	7.8.96	1896	-	-	PB	258	-
9816 A	Large One Horse Van	1½" to 1' general arrangement of open 4 wheeled van 10'2¼" inside length Endorsed: to carry 2½ tons; modified 9.1.04 13.2.07 and 19.10.12; for arrangement of hoops see Dg No 13696	20.8.01	1901	-	-	PB-C	276	-
9816 A	Large One Horse Van	1½" to 1' general arrangement of open van 10' 2 5/8" inside Endorsed: for arrangement of hoops see Dg No 13696; alterations in red for strengthening van 13.2.07	20.8.01	1901	-	-	CI-C	314	-
9817	Composite Tramcar Stoke Ferry Branch	1" to 1' general arrangement of 30' tramcar body Endorsed: revised 6.4.03	12.8.96	1896	S39	609C	PB	314	-
9818	Brake Third Tramcar for Stoke Ferry Branch	1" to 1' general arrangement of 30' tramcar body and plan of timber underframe	31.3.05	1905	S39	610C	PB	314	-
9821	Brakework for Tramcars Stoke Ferry	6" to 1' details of components	- .11.96	1896	S39	609C 610C	PB	314	-
9822	Buffer and Headstock Cap for Six Wheeled Tramcars	Full size elevations and sections for type 'O' buffer	26.8.96	1896	-	609C 610C	CI-C	314	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9879	Milk Van R39	1" to 1' general arrangement of 6 wheel 31' 6" van with louvred sides Endorsed: capacity for about 68 churns	- .10.96	1896	R39	21M	PB	446	2
9882	Milk Van Underframe	1" to 1' elevations, sections and plan of 31' 1 1/2" bulb angle underframe Endorsed: H axleboxes to be used all round 27.1.05; 8 plate springs fitted for asphalt floor 19.3.07	- .2.97	1897	R39	21M	PB	436	
9883	Milk Van-Westinghouse and Hand Brake	3" to 1' details of brake rigging and hand wheel and fittings	7.1.97	1897	R39	21M	PB	449	3
9886	Batten Wagon with Steel Underframe Class B40, F43	1 1/2" to 1' general arrangement of 22' 9" over headstocks with two way centre brake lever	c. 11.96	1896	B40 F43	30W	PB	449	3
9887	Batten Wagon Class B40-Steel Underframe Details	3" to 1' elevations and plans of underframe details Endorsed: note ordinary brake on A49 class 3.9.99 My comment: two way centre brake lever shown on plan	17.12.96	1896	B40 A49	30W	PB	449	3
9888	Batten Wagon with Steel Frame Class B40-Ironwork Details	3" to 1' details of body and underframe ironwork	5.11.96	1896	B40	30W	PB	449	3
9896	Four Wheels Coupled Engines G40 Class	Full size part elevation and section of 3' 2" diameter wheel without tyre and 3" to 1' of whole wheel	- .11.96	1896	G40	Y5	CI-C	258	-
9897	Main Line Third Class Carriage-Wood Frame-Ironwork Details	3" to 1' details of body and underframe ironwork including couplings and axleguards Endorsed: 22.1.13 for vehicles altered for the Elsenham & Thaxted Light Railway LM6514	22. 8.97	1897	-	-	PB	449	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: drawing number originally had the suffix A							
9900	Centre Axlebox for Six Wheeled Carriages	Full size elevations, sections and plans of type H oil box for 8" x 3 ¾" Endorsed: altered 19.6.00, 21.8.00, 5.9.04 & 9.10.06; oil hole not required 30.12.09	13.11.96	1896	-	-	PB	449	3
9921	Lavatory Bogie Composite M40	¾" to 1' arrangement of 48' 3" arc roofed body with sectional side and end elevations, plan of interior and details of steel frame	- .12.96	1896	M40	209C	PB	449	3
9922	Steel Underframe for Bogie Lavatory Composite M40 Class	1 ½" to 1' elevation, sectional side elevation and half plan of frame with details of gas regulator and Westinghouse and gas cylinders	16.2.97	1897	M40	209C	PB	449	3
9923	Four Wheel Bogie for Lavatory Composite Carriage M40 Class	1 ½" to 1' elevations, plan and sections of 8' wheelbase bogie Endorsed: altered for L42 and M42 classes 30.10.97, subsequently cancelled; suspension gear altered see Dg No 10143	23.1.97	1897	M40	209C	PB-C	446	2
9924	Ironwork for Lavatory Bogie Composite M40 Class	1" to 1' details of components for underframe Endorsed: altered for L&M42 classes 1.11.97; some components superseded by Dg No 10328 6.1.98	1.2.97	1897	M40	209C	PB	446	2
9925	Details of Underframe for Lavatory Bogie Composite M40	3" to 1' elevations and plans of ironwork details	17.3.97	1897	M40	209C	PB	449	3
9926	Westinghouse Brake Details for Lavatory Bogie Composite M40	1 ½" to 1' elevations and plans of various components Endorsed: several alterations	27.3.97	1897	M40	209C	PB	446	2
9927	Gas Reservoir Bands, etc. for Lavatory Bogie Composite	6" to 1' elevations and plan of 4 components	- .4.97	1897	M40	209C	CI-C	446	1
9930	Sketch of Cast Iron Frame Stay Under Smokebox Engine No 228	3" to 1' sectional elevations and plan	14.11.96	1896	209	Y5	CP	258	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9931	Sketch of Exhaust Connection Pipe Engine No 228	6" to 1' elevations Endorsed: tracing sent to Messrs. Neilson & Co 30.9.02	16.11.96	1896	209	Y5	CP	258	-
9933	Four Wheels Coupled Tank Engines Class G40- Reversing Shaft and Brackets	Full size details of brackets	22.10.97	1897	G40	Y5	CI-C	258	-
9935	Tramway Engines Class F40-Boiler	1 1/2" to 1' arrangement of boiler and full size details of riveting	- .12.96	1896	F40	Y5	CI	258	-
9935 Att	Additional Stays for Tram Engine Boiler	3" to 1' arrangement and details	- .4.01	1901	209	Y5	CI	258	-
9938	Four Wheels Coupled Shunting Engines Class G40- Hornblocks	6" to 1' elevations and plan	20.11.96	1896	G40	Y5	CI	258	-
9949	Four Wheels Coupled Engines G40 Class-Connecting Rod	Full size elevation and plan and 3" to 1' arrangement of complete rod Endorsed: C53 connecting rod see Dg No 23292 18.6.21	- .11.96	1896	G40	Y5	CI-C	258	-
9951	Wheel and Axle for 20 Ton Machine Truck Altered to 25 Ton	Full size half elevation and section of wheel and 3" to 1' plan of axle showing inside and outside journals	3.12.96	1896	-	27W	CI-C	246	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9956	Four Wheels Coupled Shunting Engines Class G40-Tank and Coal Bunkers	1½" to 1' elevations and plans	8.12.96	1896	G40	Y5	CP	258	-
9964	Four Wheels Coupled Tank Engines G40-Crosshead and Slide Bars	Full size elevations and plan Endorsed: altered for C53 24.4.03; altered 14.12.05 and 10.1.12	- .12.96	1896	G40	Y5	CI	258	-
9971	Four Wheels Coupled Engines Class G40-Coupling Rod	Full size elevation and plan	- .7.97	1897	G40	Y5	CI-C	258	-
9979	Four Wheels Coupled Engines Class G40-Reversing Lever and Bracket	3" to 1' arrangement of lever and 6" to 1' details of components	31.12.96	1896	G40	Y5	CI-C	258	-
9983	General Arrangement of Sand Wagon L40 with Standard 15Ft Steel Underframe	1½" to 1' general arrangement of 4 plank fixed side open wagon with Platt's brake	- .2.97	1897	L40	36W	CI-C	246	-
9985	Standard Buffer Guide for Steel Framed Carriage Stock M40, S40, C41	Full size elevations of 'C' type guide, dimensions for types D and F	2.1.97	1897	M40	209C	PB	246	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					S40 C41	518C 519C			
9987	Four Wheels Coupled Shunting Engines Class G40-Framing	1½" to 1' side elevation and plan My comment: a mixture of ink and pencil	- .1.97	1897	G40	Y5	CP	258	-
9987	Four Wheels Coupled Shunting Engines Class G40-Rail Guards	6" to 1' elevations of leading and trailing guards	12.2.97	1897	G40	Y5	CP	258	-
Part									
9991	Main Line Brake Van-Ironwork Details	3" to 1' details of components	14.1.97	1897	-	-	PB	246	-
9993	Four Wheels Coupled Engines Class G40-Crank Pins	Full size details Endorsed: several alterations	9.1.97	1897	G40	Y5	CI	258	-
9999	Four Wheels Coupled Tank Engines G40 Class-Leading and Driving Axles	Full size details of axle and 3" to 1' arrangement of driving and leading axles	13.1.96	1896	G40	Y5	CI-C	258	-
10001	Four Wheels Coupled Bogie Tank Engines Class S44-Framing	1½" to 1' elevations and plan of frames Endorsed: several amendments	- .8.98	1898	S44	G4	PB	258	-
10002	Four Wheels Coupled Bogie Tank Engines Class S44-Reversing Gear	1½" to 1' arrangement, 3" to 16 details of components	- .7.98	1898	S44	G4	PB	258	-
10003	Four Wheels Coupled Bogie Tank Engines Class S44-Boiler	1½" to 1' arrangement and sections of boiler Endorsed: for arrangement of tubes see Dg No 16066 26.6.07	3.8.98	1898	S44	G4	PB-C	258	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10004	Four Wheels Coupled Bogie Tank Engines Class S44- Westinghouse Reservoir Footplate	3" to 1' elevations and plan of footplate Endorsed: amended 28.10.98 and 24.1.07	- .9.98	1898	S44	G4	PB	258	-
10004 Att	Bracket for Repairing Brake Gear S44 Class	6" to 1' details of bracket	2.1.07	1907	S44	G4	PB-C	258	-
10005	Four Wheels Coupled Bogie Tank Engines Class S44- Tank Stays	Full size details of stays	16.2.00	1900	S44	G4	PB	258	-
10006	Four Wheels Coupled Bogie Tank Engines Class S44- Foundation Ring	Full size details of riveting and 3" to 1' arrangement of foundation ring	1.9.98	1898	S44	G4	PB	258	-
10007	Four Wheels Coupled Bogie Tank Engines Class S44- Brake Details	3" to 1' details of components Endorsed: amended 17.3.04; see renewal Dg No 10007 8.3.18	15.9.98	1898	S44	G4	CI	258	-
10007 Ren	Four Wheels Coupled Bogie Tank Engines Class S44- Brake Details	3" to 1' details of components Endorsed: amended 17.7.33	8.3.18	1918	S44	G4	P	258	-
10008	Four Wheels Coupled Bogie Tank Engines Class S44- Brake Arrangement	1" to 1' brake arrangement on outline elevation and plan of engine Endorsed: altered 29.10.19; Westinghouse pump lowered 9" 9.12.98	19.11.98	1898	S44	G4	PB	258	-
10009	Four Wheels Coupled Bogie Tank Engines Class S44- Bogie Arrangement	3" to 1' elevations, sections and plan of 5' bogie with 3'1" dia wheels	21.10.98	1898	S44	G4	CP	258	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Bogie Arrangement	My comment: largely illegible, some ink sections							
10009	Four Wheels Coupled Bogie Tank Engines Class S44- Bogie Arrangement	3" to 1' elevations, sections and plan of 5' bogie with 3'1" dia wheels	21.10.98	1898	S44	G4	CP	258	-
10010	Four Wheels Coupled Bogie Tank Engines Class S44- Bogie Details	6" to 1' details of components Endorsed: several alterations	29.9.98	1898	S44	G4	CI-C	258	-
10011	Four Wheels Coupled Bogie Tank Engines Class S44- Driving Sand Box	3" to 1' details My comment: nearly illegible	- .9.98	1898	S44	G4	CP	244	-
10012	Four Wheels Coupled Bogie Tank Engines Class S44- Blast Pipe and Condensing Valve	6" to 1' elevations and sections with full size details Endorsed: amended 5.07 and 2.12.26	- .10.98	1898	G44	G4	PB	244	-
10014	Four Wheels Coupled Bogie Tank Engines Class S44- Frame Boiler Stay	3" to 1' elevations and full size details Endorsed: amended 22.8.02	- .10.98	1898	S44	G4	CP	244	-
10015	Four Wheels Coupled Bogie Tank Engines Class S44- Rod, Pipe, Clothing and Condensing (?) Arrangement	1½" to 1' elevations and plan of engine Endorsed: several amendments My comment: very poor print title not clear	22.10.98	1898	S44	G4	PB	244	-
10018	Standard Parcels Van D&P 7177	1½" to 1' general arrangement of covered van 6'10" inside My note: drawing originally dated 23.1.97	- .1.04	1904	D&P 7177	-	P-C	211	-
10018	Standard Parcels Van	1½" to 1' general arrangement of covered van 6'10" inside My comment: no apparent differences between the two drawings of the same number	- .1.97	1897	-	-	P-C	211	-
10018	Standard Parcels Cart	1½" to 1' general arrangement of 4 wheel cart 8'6" over body	23.1.97	1897	-	-	PB	246	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0020	Steam Fire Engine Truck E39	1½" to 1' general arrangement of 14' truck My comment: construction of truck was not completed	20.2.97	1897	E39	-	P-C	211	-
I0020	Steam Fire Engine Truck E39	1½" to 1' elevations and plan of 14' truck 9' wheelbase My comment: drawing appears to be unfinished	13.2.97	1897	E39	-	CP	258	-
I0026	Standard Screw Coupling for Carriages	Full size elevation and plan	20.1.97	1897	-	-	CI-C	246	-
I0029	Bearing Spring for Horseboxes	Full size details of 4 plate spring 4' 0¼" unloaded and schedule of relevant vehicles Endorsed: pattern No 11	- .9.99	1899	-	-	CI-C	246	-
I0030	Four Wheels Coupled Tank Engines G40 Class-Leading and Driving Axlebox	Full size elevations and plans Endorsed: altered 15.3.04	20.1.97	1897	G40	Y4	CI	258	-
I0033	Four Wheels Coupled Shunting Engines Class G40-Springs and Spring Hangers	Full size details of 16 plate spring 2'3" centres and hangers	26.1.97	1897	G40	Y4	CI	258	-
I0034	Tramway Engines Class F40-Foundation Ring and Expansion Bracket	Full size details and 1½" to 1' arrangement of ring	21.1.97	1897	F40	Y5	CP	258	-
I0046	Four Wheels Shunting Engines Class G40-Brake Arrangement and Details	1½" to 1' arrangement shown on rear part of engine and 3" to 1' details	6.2.97	1897	G40	Y4	CI	258	-
I0048	Passenger Train Cattle Box Class T40-Ironwork Details	3" to 1' details of components Endorsed: references to Dg Nos 11045, 10719 and 12784	- .1.01	1901	T40	19M	PB	246	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: drawing originally dated 6.3.97							
I0059	Covered Carriage Truck V40 Class	1½" to 1' general arrangement 20'4" covered carriage truck Endorsed: altered to red for A54 and future classes 10.4.02; altered to 21' long and 13'6" wheelbase for F71 and future classes 23.10.11	6.3.97	1897	V40	I0M	PB	246	-
I0062	G40 Regulator, Blast Pipe, Steam Pipe Etc.	Full size elevations and sections Endorsed: coffee pot engine scrapped; altered 23.3.09	27.2.97	1897	G40	Y5	CI	244	-
I0066	Four Wheels Coupled Shunting Engines Class G40- Eccentric Sheaves, Straps and Rods	3" to 1' elevations and full size details Endorsed: amended 22.4.97 and 7.7.08	20.2.97	1897	G40	Y5	CP	244	-
I0068	Shunting Engines G40 Class-Spring for Reversing Shaft	Full size elevation and plan of shaft with coiled spring attached Endorsed: amended 10.10.00	26.2.97	1897	G40	Y5	CI-C	244	-
I0071	Four Wheels Coupled Shunting Engines Class G40- Ashpan and Details	3" to 1' arrangement and full size details	3.3.97	1897	G40	Y5	CP	244	-
I0088	Four Wheels Coupled Shunting Engines Class G40- Rod, Pipe, etc-Arrangement and Details	1½" to 1' arrangement and full size details	17.3.97	1897	G40	Y5	CP	244	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10098	Four Wheels Coupled Shunting Engines Class G40- Firehole Door, etc.	6" to 1' elevations and plan	2.4.97	1897	G40	Y5	CP	244	-
10108	Cylinder Cock and Sand Box Gear for Shunting Engines G40 Class	Full size elevations and details	13.4.97	1897	G40	Y5	CI	244	-
10116	Arrangement of High Pressure Gas Holders at Stratford	1/2" to 1' elevations and plan of two banks of 22' long high pressure gas cylinders set horizontally on a wooden cradle at Oil Gas Works Endorsed: tracing on stick Dg No 10116	- .4.97	1897	-	-	CI-C	244	-
10127	Six Wheels Coupled Goods Engines H40, N31, F48 Class J17, J19/2-Steam Brake Details	3" to 1' details of components	26.3.01	1901	N31 H40 F48	J14 J14 J16	P	244	-
10127	Six Wheels Coupled Goods Engines N31, H40 Class, G58-Steam Brake Details	3" to 1' and full size details Endorsed: altered F48 to green and E72 added; numerous alterations	1.5.97	1897	N31 H40 G58	J14 J14 J17	CI	244	-
10146	Bearing Springs for Liquid Fuel Tanks	Full size details of 4 plate spring 3' 5 7/8" unloaded	24.8.98	1898	-	-	PB	246	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: a stores ordering drawing							
I0147	Axle for Travelling Liquid Fuel Tanks	6" to 1' elevation of axle with 8" x 4 1/4" journals Endorsed: subsidiary No LF285; wheels to Dg No 7040 and axleboxes to Dg No 7069	25.5.08	1908	-	-	CI-C	246	-
I0203	Toothed Wheels and Chain for Driving Governing Gear of Tram Engines	Full size elevations of gear Endorsed: not required for C53, see Dg No 16617	9.8.97	1897	G15 C63	Y6 J70	PB	244	-
I0210	Tramway Engines Classes G15, N17, C29, F40-Roof Bars	3" to 1' arrangement of whole bar and full size half elevation Endorsed: this drawing not required for boilers with sling stays see Dg No 6319 2.1.01	23.8.97	1897	G15 N17 C29 F40	Y6	CP	244	-
I0215	No 4 Axle Arm, Box, Cap, Collets and Nuts	Full size arrangement of No 4 pattern for road vehicles	3.8.97	1897	-	-	CI-C	246	-
I0216	General Arrangement of Continental Luggage Boxes and Truck	1" to 1' arrangement of 26' open carriage truck carrying a pair of luggage boxes	30.8.97	1897	Y41	14M	CI-C	246	-
I0223	Four Wheels Coupled Shunting Engines Class G40-Motion Detail	Full size details Endorsed: modified 19.11.08	30.9.97	1897	G40	Y5	CI-C	244	-
I0230	Steel Underframe for Royal and Supper Saloons L42 & M42	1 1/2" to 1' elevations and plan of 47'7 1/2" underframe with dual braking arrangement and gas cylinders and outline of Fox's Pressed steel bogies Endorsed: for arrangement of step irons and boards on E45 see Dg No 10653; this frame was not used for the royal saloon No 5 L42; work to red for 1st class carriages E45 of restaurant train 19.1.99 My comment: solebars have been amended from bulb L section to channel	- .1.98	1898	L42 M42	5C 9C	PB	246	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0248	Piston Rod for Shunting Engines Class G40 (Nos 226 & 227) also 209	Full size details	13.4.97	1897	G40	Y5	CP	244	-
I0260	Valve Diagram for Gear T19 Class	Details of front steam port and exhaust and back steam port	20.10.97	1897	T19	D13	CI-C	244	-
I0261	Valve Diagram for Gear T19 Class	Details of back steam port and exhaust and front steam port	20.10.97	1897	T19	D13	CI-C	244	-
I0272	Travelling Liquid Fuel Tank	1½" to 1' elevations and sections of tank and full size details of riveted sections	7.10.97	1897	-	-	CI	246	-
I0273	Third Class Lavatory Carriage	1" to 1' general arrangement of 34'6" body	15.11.7	1897	T42	407C	PB	246	-
I0281	First Class or Supper Saloon No 11	¾" to 1' general arrangement of 48' 3" clerestory body with interior plan and sectional elevations	- .9.04	1904	M42	9C	PB	246	-
I0282	Combined Ballast and Sleeper Wagon Class G43	1½" to 1' general arrangement of 19' 3½" dumb buffered wagon	18.12.97	1897	G43	41W	PB	246	-
I0284	Angle and Plate Details for Combined Ballast and Sleeper Wagons	3" to 1' details of components	-	1897	G43	41W	PB	246	-
I0289	Leading Driving and Trailing Hornblocks Class J15, S45 & X45	6" to 1' elevations, sections and plans of horn blocks and stays	2.6.58	1958	S45	J15	P	451	2
		1½" to 1' arrangement of boiler with details and full size details of riveting			T19	D13			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0289	Standard Main Line Boiler for Engines Classes T19, T26, D27, N31, C32, Y14	Endorsed: several alterations	17.11.97	1897	T26 D27 N31 C32 Y14	E4 - J14 F3 J15	CI-C	244	-
I0290	Standard Main Line Boiler-Roof Bars	Full size elevation and plan and 3" to 1' arrangement of 3 firebars Endorsed: numerous alterations; for alterations to ends see Dg No 16608 12.11.08	17.11.97	1897	-	-	CI	244	-
I0297	Proposed Experimental Gas Holder for Gas Works	3" to 1' elevation and plan of fixed vertical holder with a domed top	16.12.97	1897	-	-	P-C	244	-
I0298	Gas Reservoirs for Wisbech Tramcars	3" to 1' elevations of 3 types of cylinders	2.12.97	1897	-	-	PB	246	-
I0304	Slide Bar for Six Wheels Coupled Tank Engines T18, K19, H21, G75	3" to 1' arrangement and full size details and elevations Endorsed: altered 24.7.39	7.12.97	1897	T18 K19 H21 G75	J66 J68	CI-C	244	-
I0306	Arrangement of Gunpowder Van M43, F51, S53, F55, A59	1½" to 1' general arrangement of 16'1" steel bodied van with full size section through doorway Endorsed: altered for A59 and future classes 23.3.05; lashing staples shown in green for details see Dg No 23447; load altered from 9 to 7 tons for class A59 onwards	- .10.03	1903	M43 F51 S53 F55 A59	9W	P	356	
I0309	Carriage Axle Box 'J'	Full size elevations, sections and plan of oil box for journal 9" x 4" Endorsed: altered 3.2.99, 3.3.00 and 19.6.00	- .12.97	1897	-	-	PB-C	356	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0311	Spark Arrestor for Four Wheels Coupled Shunting Engines 209 Class	Full size elevations	13.12.97	1897	209	Y5	CP	244	-
I0320	Slide Bar for Express Engines T19, S20, F21, T26, N31, C32	3" to 1' elevations and plan and full size details Endorsed: the word Express deleted from title	22.12.97	1897	T19 S20 F21 T26 N31 C32	D13 E4 J14 F3	CI-C	244	-
I0323	Buffing Springs for Liquid Fuel Tanks	Full size half elevation, section and plan of 9 plate spring 5'0" centres unloaded	- .12.97	1897	-	-	PB	356	-
I0351	Proposed Low Pair Horse Lorry	1½" to 1' side and end elevation and section of 4 wheel open lorry length 12'6" outside	31.1.08	1908	-	-	TI-C	356	-
I0352	Earl's Packing Adapted to T19, LM68 Class	Full size details of components Endorsed: amended 17.8.03 and 3.9.03	- .6.00	1900	T19 LM68	D13	PB	244	-
I0358	Spiral Springs for Balancing Doors	Full size elevations of 1'2½" long spring for high sided wagons, combined ballast and sleeper wagons, 15 and 20 ton coal wagons and passenger train cattle boxes	17.5.99	1899	-	-	PB	356	-
I0359	Section D.F. Turton Platts Patent Buffer Fitted with Rubbers	Sectional side elevation and half plan of base plate of self contained buffer Endorsed: altered 5.98, also marked SDO No 1332	- .2.99	1899	-	-	CI-C	247	-
I0360	Ibbotsons' Patent Buffer Fitted with Rubbers	Full size sectional elevation of self contained buffer and plan of base Endorsed: SDO Dg No 1329; altered to red 5.98 SDO Dg No 1382	- .2.98	1898	-	-	CI-C	244	-
		1½" to 1' elevation, sections and plan of 54'4½" underframe for 4 wheel bogies G45 112CP-bc bogies			F45	18C			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10363	Underframe for Breakfast Saloon and Third Class Carriage F45 & G45	Endorsed: truss rod altered for F45, see Dg No 10876 21.6.99; altered for F&G45 23.3.99; work to green for 3rd class restaurant car C55 and future cars 22.10.02 (top footboards raised by 5")	9.12.98	1898	G45	112C	PB-C	356	
10364	10Ft 4 Wheeled Bogie for Breakfast and Tea Saloon F & G45	1½" to 1' general arrangement of 10' wheelbase 4 wheel bogie, elevations, sections and plan, including brake gear Endorsed: title altered to restaurant cars; bolster springs replaced by nests of 3 Timmis helical springs which were originally ordered for carriage buffers	- .2.99	1899	F45 G45	18C 112C	PB-C	356	
10368	Westinghouse Brake Details for Breakfast Car and Third Class Carriage F & G45	6" to 1' details of components Endorsed: altered to green for O45 and P47 29.4.99	29.11.98	1898	F45 G45	18C 112C	PB	356	
10369	Bearing Springs for Breakfast Saloons	3" to 1' elevation and section of 3'0" double plate spring for bogie bolster and 6 plate 4'6" unloaded side bearing spring	- .1.00	1900	F45 G45	18C 112C	-	356	
10374	Earl's Packing Adapted to C32, T23 and T26, Y14, N31 552-561	Full size elevations and sections for pistons Endorsed: SDO Dg No 1333	- .7.98	1898	C32 T23 T26 Y14 N31	F3 J15 E4 J15 J14	PB	244	-
10378	Tenders Class R43-Tank	1½" to 1' elevations, sections and plan of tank Endorsed: modified 9.3.06 for engines class T19 with Belpaire boilers	26.2.98	1898	R43	-	CP	244	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10378 Att	Alterations to Tenders Class R43-Coal Incline	1½" to 1' part sectional elevations and plan of incline Endorsed: work to large (3,300 Gallons) Tenders G46 Classes 3.7.03	- .5.03	1903	R43	-	CP	244	-
10378 Att	Alteration to Tender Tank R43 Class	1½" to 1' half end elevation and section of tender Endorsed: tracing attached to Dg No 10378; cupboard added 21.11.04	- .2.03	1903	R43	-	CP	244	-
10397	Tender Class R43-Liquid Fuel Tank	1½" to 1' elevations and plan of tank Endorsed: altered for A53 undated, for tender tank see Dg No 10378	10.3.98	1898	R43	-	CP	244	-
10398	Details of Cast Ironwork for Bogies of Breakfast Saloon	6" to 1' elevations, section and plans of 6 components	- .1.99	1899	F45	18C	PB-C	356	
10419	Bogie Single Express Engines Class P43-Slide Bar	Full size elevation, section and plan of slide bar Endorsed: altered in red for classes S46, F48, D56, C58; refer to Dg No 17531 for D15/2, D16, D16/3 with slide valve and J17 4.47	25.2.98	1898	P43	-	PB	376	
10426 Part	India Rubber Pads for Bogies for Four Wheels Coupled Express Engines	Full size elevation and section	23.2.03	1903	S46	D14	PB-C	376	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10447 Att	Six Wheels Coupled Bogie Express Engines (Class 1500) Type B12-Hinges for Flap Plates	Full size elevations of two types of hinge	23.10.19	1919	S69	B12	P	376	
10447 Att	Six Wheels Coupled Bogie Express Engines Class 1500-Hinges for Flap Plates	Full size elevations of two types of hinge	- .10.19	1919	S69	B12	CP	376	
10448	Bogie Single Express Engines Class P43, S69 & GE Tenders-Rail Guard	3" to 1' elevations and plan of guard Endorsed: altered 8.10.00 & 5.8.10	14.4.98	1898	P43 S69	- B12	CP	376	4
10452	Bogie Express Engines Class P43, S46, F48, D56, G58, S69, C72-Reversing Shaft Spring	Full size elevations of spring as fitted on shaft Endorsed: altered 10.10.00; for S69 9.11.11; see Dg No 7091	- .7.98	1898	P43 S46 F48 D56 G58 S69 C72	- D14 J16 D15 J17 B12 J68	CI-C	376	
10458	Single Bogie Express Engines Class P43-Details of Blast Pipe Gear	Full size details of components Endorsed: endorsements to include classes Y65, 8 coupled goods LM3780, S46, F48, D56 and G58	18.5.98	1898	P43	-	CI	376	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10458 Att	Alteration to Blast Pipe Gear to Suit Experimental Blast Pipe 1Ft 3½Ins long for 1300 Class	Full size details of components	- .5.10	1910	Y65	F7	P	376	
10461 Att	Six Wheels Coupled Bogie Express Engines Class S69, E72 (Oil Box for valve spindles only) and L77-Oil Box for Intermediate and Trailing Axleboxes	Full size elevations, section and plan of oil box	- .1.11	1911	S69 E72	B12 J18	CI-C	376	
10461 Att	Six Wheels Coupled Bogie Express Engines Class A73-Oil Box for Driving Axlebox	Full size elevations and plan	14.1.13	1913	A73	B12	P	376	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10461 Att	Four Wheels Coupled Express Engines Class D56-Oil Box for Trailing Axlebox and Horn for Engines Fitted to Dg No 19180	Full size elevation, section and plan of oil box Endorsed: also for engines class T19 fitted to Dg No 19933; J17 leading axlebox	- .8.14	1914	D56	D15	CI	376	
10461 Att	Six Wheels Coupled Tram Engines Class C53-Oil Box for Piston Rod Gland, Valve Spindle Gland and Valve Spindle Guide	Full size elevation, section and plan of components	2.2.21	1921	C53	J70	P	376	
10461	Bogie Single Express Engines Class P43, D56, T19 Belpaire-Oil Boxes	3" to 1' elevations and sections Endorsed: 16.7.03 for D56 class and 9.3.05 for T19 Belpaire	- .5.98	1898	P43 D56 T19	- D15 D13	CI-C	244	-
10468	Four Wheels Coupled Bogie Tank Engines Class S44-Details of Blast Pipe Gear	Full size details of components	- .11.98	1898	S44	G4	CP	375	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0469	Four Wheels Coupled Bogie Tank Engines Class S44-Ashpan	3" to 1' elevations and plan of ashpan with full size section of fixing to firebox	7.11.98	1898	S44	G4	PB	376	
I0470	Four Wheels Coupled Bogie Tank Engines Class S44-Cast Steel Wheels	Full size part elevation and half plan of wheel 4'11" dia on tread and 1½" to 1' elevation of complete wheel and section through leading balance weight Endorsed: altered 3.10.13	- .12.99	1899	S44	G4	PB	375	
I0471	Four Wheels Coupled Bogie Tank Engines Class S44-Smokebox	3" to 1' sectional side and end elevations of smokebox and cylinders with interior fittings	- .11.98	1898	S44	G4	CP	375	
I0474	Four Wheels Coupled Bogie Tank Engines Class S44-Expansion Bracket	3" to 1' elevation and plan of bracket with full size sectional details o fixing Endorsed: altered 11.2.01	9.11.98	1898	S44	G4	CP	375	4
I0475	Bogie Single Express Engine General Arrangement	1½" to 1' sectional side elevation and plan of 4-2-2 engine My comment: is high quality for reproduction with ornamental title and borders	- .1.99	1899	P43	-	CI-C	301	-
I0477	Boiler for Engines for M15 Class Rebuilt	1½" to 1' elevations and sections of boiler with details of firebox front	2.2.99	1899	M15	F4	CP	376	3
I0478	Boiler for Engines T18 Class	1½" to 1' elevations and sections of boiler with details of firebox front Endorsed: arranged for mica clothing	8.2.99	1899	T18	J66			
I0478 Part	Sketch Showing Connection between Splashers and Expansion Brackets S46 Engines	3" to 1' elevation and section of connection Endorsed: not required for D56	- .4.01	1901	S46	D14	CIP	376	
I0479	Boiler for Engines C32 Class	1½" to 1' elevations and sections of boiler with details of firebox front arranged for mica clothing	13.2.99	1899	C32	F3	CP	376	3
I0480	Four Wheels Coupled Bogie Express Engines Class S46, D56-Driving and Trailing Wheels	3" to 1' elevation and section of wheel Endorsed: work to red for all future engines 7.5.01; superseded by Dg No 22619 24.1.23; Stores Order tracing to red is Dg No 11602	13.4.99	1899	S46 D56	D14 D15	CP	376	4
	Four Wheels Coupled Bogie Express Engines Class	6" to 1' elevation and part section of wheel and full size section of boss			S46	D14			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10482	Four Wheels Coupled Bogie Express Engines Class S46, D56-Bogie Wheel	Stores Order tracing to red Dg No 11603; work to red for all future engines 7.5.01; altered 7.10.13	17.4.99	1899	D56	D15	CP	376	4
10484	Ibbotson's Patent Engine Buffer	Full size elevation and section of self contained buffer 1'3¼" long with volute springs, 1'3¼" long Endorsed: SDO No 817; altered 21.11.95	26.7.94	1894	-	-	CI-C	376	
10486	Four Wheels Bogie Express Engines Class S46, D56-Cast Steel Motion Plate	3" to 1' elevations of plate	25.4.99	1899	S46 D56	D14 D15	CP	376	4
10487	Four Wheels Coupled Bogie Express Engines S46 Class-Cab and Splashers	1½" to 1' elevations and plan with sections	- .9.08	1908	S46	D14	P	375	
10487 Att 2	Work to this for Engines with Expansion Bracket to Dg No 14012	3" to 1' elevations and plan of modification of expansion bracket with full size details Endorsed: altered 14.3.05	14.3.05	1905	S46	D14	CP	375	
10488	Four Wheels Coupled Bogie Express Engines Class S46, D56-Bogie Axlebox 2	Full size elevation, section and plan of axlebox with 9" journal Endorsed: altered 17.12.14	28.4.99	1899	S46 D56	D14 D15	CP	375	4
		1" to 1' sectional elevations and plan of footplate			S46				

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0489	Four Wheels Coupled Bogie Express Engines Class S46, L47, M51 Only-Westinghouse Reservoir Footplate	Endorsed: not required for D56 see Dg No 12742; note dg No 12742 shows 3 reservoir compartments; for F53 and future engines see Dg No 12742, altered 14.11 and 30.6.06	8.5.99	1899	L47 M51	D14	PB-C	374	
I0491	Four Wheels Coupled Bogie Express Engines Class S46, F48, M51, F53, D56-Connecting Rod	Full size part elevation, plan and section of rod and 1 1/2" to 1' elevation of complete rod Endorsed: numerous alterations up to 6.4.25	- .8.99	1899	S46 F48 M51 F53 D56	D14 J16 D14 D14 D15	CI-C	375	3
Att I0493	Alterations to Framing for S46 Class Engines with Belpaire Boilers	1 1/2" to 1' part side elevation of frame and half plan Endorsed: altered 16.6.15	- .2.15	1915	S46	D14	P	374	
I0495	Four Wheels Coupled Bogie express Engines Class S46, D56-Bogie Arrangement	3" to 1' elevation, section and plan of bogie 8' 3 3/4" over frame, 6'6" wheelbase, 3'9" diameter wheels	15.6.99	1899	S46	D14	CP	374	4
I0496	Four Wheels Coupled Bogie Express Engines Class S46, D56-Bogie Details	3" & 6" to 1' details of bogie components Endorsed: for hangers see Dg No Att10496; bogie details see also Dg No 23985	21.7.99	1899	S46 D56	D14 D15	P-C	374	4
I0497	Four Wheels Coupled Bogie Express Engines Class S46, D56-Bogie Spring	3" to 1' elevation, plan and section of 14 plate spring 4' 0 3/4" centres unloaded	16.8.99	1899	S46 D56	D14 D15	CP	374	4
I0498	Four wheels Coupled Bogie Express Engines S46 Class Smokebox	3" to 1' sectional side and end elevations of smokebox and cylinders with fittings	- .12.99	1899	S46	D14	CI	374	
Part I0498	Clothing for Cylinders S46 Class, D56	3" to 1' elevations of clothing Endorsed: angle not required for D56 lagging plate fixed to stay between dishd plates	5.3.01	1901	S46 D56	D14 D15	PB	374	
I0499		3" to 1' details of cast flange							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Cylinders D56 Class-Alteration to Steam Pipe Flange	Endorsed: for alteration to casting between bottom steam pipe and steam pipe flange see Dg No 10964	25.11.10	1910	D56	D15	CI-C	374	
10499 Part	Cylinders D56 Class-Alteration to Steam Pipe Flange	3" to 1' details of cast flange	3.9.10	1910	D56	D15	P	374	
10499 Part	Cylinders for G58 Class Coal Engines-Alteration to Steam Pipe Flange for Engines Fitted with Superheater	3" to 1' sections of alteration	1.12.14	1914	G58	J17	P	374	
10501	No 8 Restarting Injector Specially Arranged for the Great Eastern Railway-Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: Davies & Metcalfe Dg No 414 undated	19.3.98	1898	-	-	TC	324	
10504	8 Inch Single Piston Westinghouse Brake Cylinder	Full size sectional elevation, elevation and plan of cylinder My comment: produced in Supplementary Drawing Office	- .3.98	1898	-	-	CP	323	4
10506	Tenders Class R43-Axlebox	Full size elevations, sections and plan Endorsed: for cover in place of plug see attachment 26.8.15	20.4.98	1898	R43	-	CP	323	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10506 Att	Covers for Oil Holes on Tender Axleboxes (in Place of Screw Plugs)	Full size plan of cover	- .8.15	1915	-	-	P	323	
10507	Underframe for Royal Composite Carriage No 541 Class A44	1½" to 1' elevations, section and plan of 40'4½" underframe showing arrangement of dual braking and gas reservoirs Endorsed: 'saloon No 31 known as the Kings Saloon' added to title; the underframe to saloon No 31 was filled in at the top with 7/8" matchboards covered with 6 lb sheet lead	- .9.98	1898	A44	210C	PB	356	
10570	Six Wheeled 20 Ton Machine Truck Class Z44	1½" to 1' general arrangement of 6 wheel truck 24' over headstocks and 2'8" diameter wheels Endorsed: altered 21.7.14; altered to take axleboxes A1 (end wheels) and A2 21.7.14	- .6.98	1898	Z44	26W	PB	356	
10572	Six Wheeled 20 Ton Machine Truck Z44-Details of Ironwork	3" to 1' details of components Endorsed: altered 21.7.14	8.11.98	1898	Z44	26W	PB	356	
10573	Six Wheeled 20 Ton Machine Truck Bearing Springs Class Z44	Full size elevation, section and plan of 4 plate spring 3'1" unloaded Endorsed: buckles altered to suit A1 and A2 axleboxes 21.7.14	29.6.98	1898	Z44	26W	CI-C	356	
10578 Att	Four Wheels Coupled Bogie Tank Engines Class S44- Arrangement of Tank Protection Plate	1½" to 1' elevations of plates	- .5.12	1912	S44	G4	P	324	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10588	Six Wheels Coupled Tank Engines Type J66 and J67 (T18 & R24 (160 Lbs) Boiler)-Additional Mud Plugs in Back Plate of Boiler	3" to 1' fully detailed end elevation of boiler back plate	- 9.25	1925	-	J66 J67	P	324	
Att									
10588	Six Coupled Tank Engines Class T18, E22 Boiler	1 1/2" to 1' elevations, sections and plan of boiler with full size details of riveting	4.7.98	1898	T18 E22	J66 J65	CI-C	323	3
10589	Four Wheels Coupled Bogie Tank Engines Class S44- Bogie Centre and Slide	3" to 1' elevations, section and plans of components	15.7.98	1898	S44	G4	PB	323	
10594	Four wheels Coupled Bogie Tank Engines Class S44- Flange Plates for Tanks and Bunker	3" to 1' details of plates	- 7.98	1898	S44	G4	PB	323	
10595	Four Wheels Coupled Bogie Tank Engines Class S44- Bogie Pin	3" to 1' elevation, section and plan of pin	14.7.98	1898	S44	G4	PB	323	
10598	Four Wheels Coupled Bogie Tank Engines Class S44- Tank Connection Pipe	Full size details of pipe and 3" to 1' arrangement between tanks	- 7.98	1898	S44	G4	PB	323	
10599	Plate Glass Wagon Class A45	1 1/2" to 1' general arrangement of 25' wagon Endorsed: for D76 and future classes see Dg No 19356	- 7.98	1898	A45	20VV	PB	356	
10600	Frame Details for Plate Glass Wagon Class A45	1 1/2" and 3" to 1' details of components	- 7.98	1898	A45	20VV	PB	356	
		3" to 1' details of components							

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0601	Ironwork and Details for Plate Glass Wagon Class A45	My note: this coloured print has been mounted on the reverse of the original drawing of the same wagon	- .10.98	1898	A45	20W	P-C	221	-
I0602	Partition and Partition Details for Plate Glass Wagon Class A45	1½" to 1' arrangement of partition and 3" to 1' details of components Endorsed: work to red for D76 4.6.14	- .10.98	1898	A45 D76	20W 67W	PB-C	221	-
I0626	Flange for Stone's One Quart Lubricator	Full size elevation and section of flange	- .11.06	-	-	-	CI-C	324	
I0631	Four Wheels Coupled Tank Engines M15 Class Rebuilt-Vale for Condensing Gear	Full size sectional elevation and plan of gear Endorsed: L77 class added 31.10.14	- .8.98	1898	M15R L77	F5 N7	CI-P	323	
I0644	Four Wheels Coupled bogie Tank Engines Class S44- Coupling Rod	Full size elevation and plan of rod centres	21.9.98	1898	S44	G4	CI-C	323	
I0651	Roof Sections for Breakfast Train Class E45, F45 and G45	3" to 1' sections for 3rd saloon and 3rd class and 1st saloon and 1st class carriages	30.9.98	1898	E45 F45 G45	112C 18C 412C	P-C	221	-
I0659	Pressed Steel Spring Shoe and Spring Stops for Wagons	Full size elevations and plan of stop Endorsed: altered to red 16.10.00 to reduce dimple; altered for D64 and future classes 8.8.07 2¼" gap reduced to 1¾" between underside of sole bar and fitting	8.9.99	1899	-	-	P-C	221	-
I0678 Part	Crane Hooks	Full size elevations of 6, 8 & 10 ton capacity crane hooks Endorsed: Supplementary DO Dg No Part 836	- .11.98	1898	-	-	PB	322	
I0678 Part	Crane Hooks	Full size elevations of 6, 8 & 10 ton capacity crane hooks Endorsed: Supplementary DO Dg No Part 836	- .11.98	1898	-	-	PB	322	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10678	Crane Hooks	Full size elevations of 12 and 15 ton capacity hooks Endorsed: SDO Dg No Part 456	-.11.98	1898	-	-	PB	323	
10680	Four Wheeled Bogie for Lavatory Corridor Composite O45 and P47	1½" to 1' arrangement of 8' wheelbase bogie with 4' bearing springs Endorsed: for alteration to spring gear of P47 class see Dg No 11078 1.12.99	12.4.99	1899	O45 P47	212C	P-C	219	-
10690	Wide Suburban Third Class Carriage	1" to 1' general arrangement of 27' 5 compartment carriage Endorsed: several undated modifications include incandescent gas lamp tops and inclusion of pictures above seat back inside	25.4.99	1899	-	408C	P-C	219	-
10703	Fox's Pressed Steel Carriage Bogie Classes L42, M42, A44, E45	1½" to 1' arrangement of bogie with 8' wheelbase	10.12.98	1898	L42 M42 A44 E45	5C 9C 210C 112C	P-C	219	-
10709	Cast Iron Elbow Connecting Condensing Pipe and Tank S44	Full size sectional elevation and plan Endorsed: the words 'and Tank' have been deleted from the heading; altered 8.11.98	9.12.98	1894	S44	G4	CI-C	322	
10717	Steel Underframe for Fish and Fruit Vans R45 Class	1½" to 1' arrangement of 21' 4½" channel underframe with 13' 6" wheelbase Endorsed: altered to red for passenger train cattle boxes Y53 class 28.2.02	6.1.99	1899	R45	34M	P-C	219	-
10718	Details of Underframe for Fish and Fruit Vans R45 Class	3" to 1' details of components Endorsed: altered to red for passenger train cattle boxes Y53 class 28.2.02	28.3.99	1899	R45	34M	P-C	219	-
10719	Ironwork Details for Fish and Fruit Vans R45 Class	3" to 1' details of components Endorsed: amended 7.7.11 for Pooley workshop van X69 and 1.9.11	18.4.99	1899	R45	34M	P-C	218	-
		3" to 1' elevations, sections and plan of cylinders			I45	J15			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10724	Cylinders for Engines Classes I45, S45, X45, P55	Endorsed: altered for classes P55 & D58 plus other alterations	- .1.99	1899	S45 X45 P55	F5	PB-C	322	
10724	Four Wheels Coupled Radial Tank Engines P55 Class- Alteration to Cylinders	3" to 1' sections and plan of cylinders	18.4.16	1916	P55	F5	P	322	
Att									
10725	Bearing Spring for Corridor Bogie Composites O45	3" to 1' arrangement of 7 plate spring 4' centres when straight	28.11.98	1898	O45	211C	P-C	221	-
10726	Six Wheels Coupled Goods Engines Class X45-Cast Steel Wheels	Full size part elevation and plan of 4' 11" wheel on tread, 15 spokes and 1 1/2" to 1' elevation of wheel	- .2.99	1899	X45	J15	CI-C	322	
10733	Six Wheels Coupled Tank Engines J66 to J69-Metallic Packing for Piston Rod and Valve Spindle	Full size details of components and packing Endorsed: addition made 11.8.50	- .6.99	1899	-	J66 J67 J68 J69	P	322	
10738	Hind Axle Arm Box, Cap and Nut for 15 Ton Boiler Trolley	Full size elevations and section Endorsed: for detail of shank and hollow of arm see Dg No 10739	16.1.99	1899	-	-	CI-C	226	-
10739	Hind Axle for 15 Tons Boiler Trolley	Full size elevation of axle	16.1.99	1899	-	-	CI-C	226	-
10751	Six Wheels Coupled Goods Engines Class X45-Footplate and Westinghouse Reservoirs	3" to 1' elevations and plan	- .2.99	1899	X45	J15	PB	322	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0757	Framing-Six Wheels Coupled Goods Engines Class S45 & X45	1½" to 1' elevations, sections and plan of framing with arrangement of springs Endorsed: altered 17.4.99 & 30.11.04	- .3.99	1899	S45 X45	J15	PB	322	3
I0758	Pair Horse Lorry	1½" to 1' general arrangement of open lorry 12'6" inside Endorsed: Dicky not required for D&P 4852; floor boards to be of oak 2.30	24.8.99	1899	-	-	P-C	181	-
I0758	Pair Horse Lorry	1½" to 1' arrangement of lorry 12'6" inside Endorsed: amended 12.6.06, oak floorboards 11.2.30	7.3.99	1899	-	-	P	218	-
I0759	Ironwork Details for Pair Horse Lorry	3" to 1' details of components Endorsed: amended 12.6.06	8.3.99	1899	-	-	P-C	218	-
I0767	Springs for Balancing Link Motion for Engines Classes K9; No 1; 51; 61; Y14; 135; M12; 0477; 0467 and 552	Full size elevations of two types of spring Endorsed: altered for L77 class	6.2.99	1899	-	-	PB	322	
I0768	Earls Metallic Piston Rod Packing for Engines with 25 Inch Stroke T19 & D27 Class	Full size details (illegible)	- .2.99	1899	T19 D27	D13 -	CI-C	322	3
I0769	Arrangement of Westinghouse & Hand Brake on Wide Suburban Brake Thirds with Steel Underframe D46 Class	1½" to 1' sectional side elevation and plan of underframe showing arrangement of equipment Endorsed: for details of brakework see Dg No 10755; cancelled see Dg No 14348 19.9.05	15.5.99	1899	D46	520C	PB	322	
I0772	Arrangement of Springs for Balancing Link Motion	1½" to 1' elevations showing 7 spring arrangements for K9, M12, X13; 37 & 61; 552; 135; 0477; No 1 and 209 classes	28.3.99	1899	-	-	P	322	
I0783	Cylinder for Gas Compressing Pump	3" to 1' sectional elevations and plan of cylinder for use in oil gas works at Stratford	- .2.99	1899	-	-	PB	322	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10785	Cast Iron Dead Buffer	Full size elevations of 4" deep buffer, type 'J' with 4 fixing holes, 'K' with 3 for wood and steel underframes respectively	- .3.00	1900	-	-	CI-C	220	-
10789	Details of Brackets, Pins, etc for Springs for Balancing Link Motions of Engines Classes K9, M12, X13, No 1, 37, 61, 135, 552 & 0477	6" to 1' details of brackets	19.5.99	1899	X45	J15	PB	322	
10791	Six Wheels Coupled Goods Engines Classes I45, S45, X45-Cab	1½" to 1' elevations and plan of cab with full size constructional details Endorsed: modified for class I45 only and other undated endorsements	- .4.99	1899	I45 S45 X45	J15	PB	324	
10801	Travelling Messrs. Workshop for Pooley & Son-Arrangement of Body	1½" to 1' general arrangement of body of 20'3" van Endorsed: amended 1.7.11, two pairs of skylights added and kitchen range, vents at each end of bodysides, new load and number plate, 12'4½" wheelbase opened out to 13'6"	28.6.99	1899	A46	45W	P-C	217	-
10805	Six Wheels Coupled Goods Engines Class X45-Arrangement of Vacuum Brake Pipes	1½" to 1' outline side and end elevations and plan of engine showing arrangement of brake pipes Endorsed: altered 17.7.99, 11.1.05, 13.2.05, 15.1.06 and 3.10.22	18.3.99	1899	X45	J15	PB	324	3
10813	Bogie Axle D56	3" to 1' elevation of axle 5'7¼" long	27.3.99	1899	D56	D15	CP	324	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0825	Four Wheels Coupled Bogie Express Engines Class S46, D56, S69-Bogie Hornblock and Stay	6" to 1' elevations and plan	12.4.99	1899	S46 D56 S69	D14 D15 B12	CP	324	4
I0829	Six Wheels Coupled Goods Engines Classes S45 & X45-Leading, Driving and Trailing Hornblock	6" to 1' elevations and plan	15.4.99	1899	S45	J15	CI-C	323	
I0833	Six Wheels Coupled Goods Engines Class X45-Brake Arrangement	1 1/2" to 1' outline elevation and frame plan showing arrangement of brake Endorsed: altered 24.7.99, 21.3.04, 15.9.05 & 28.4.22	19.5.99	1899	X45	J15	PB	322	
I0838	Smokebox-Six Wheels Coupled Goods Engines Class I45, S45, X45	3" to 1' sectional side and front elevation of smoke box Endorsed: altered 16.1.06 for engines fitted with spark deflectors	- .4.99	1899	I45	J15	CP	322	
I0845	Bracket for Two Vacuum Single Sight Feed Lubricators	Full size elevations and plan	25.5.99	1899	-	-	PB	324	3
I0850	Six Wheels Coupled Goods Engines Class X45-Brake Detail	3" to 1' details of components Endorsed: many additions in ink, the last in 13.7.33	- .5.99	1899	X45	J15	CP	322	4
I0852	Four Wheels Coupled Bogie Express Engines Class S46, D56-Gauge Column and Test Cock	Full size elevations and sections of column and cock Endorsed: this drawing of gauge column superseded by Dg No 16622	- .3.00	1900	S46 D56	D14 D15	PB	337	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: dirty and nearly illegible							
10857	Wood Underframe for HRH The Princess of Wales Saloon L42 No 5	1½" to 1' arrangement of underframe Endorsed: Fox's bogies 10703; this underframe was filled in at the top with 7/8" matchboards covered with 6lb sheet lead	29.5.99	1899	L42	5C	P-C	217	-
10858	Details of Wood Underframe for HRH The Princess of Wales Saloon	3" to 1' details of components Endorsed: amended 23.10.99 to raise top footboard by 3"	12.6.99	1899	L42	5C	P-C	218	-
10863	Tender Class T46-Details of Spring Gear	Full size details of components My comment: dirty and nearly illegible	5.6.99	1899	T46	D14	CP	337	4
10867	Bearing Spring for HRH Princess of Wales Saloon LM2576	3" to 1' details of 4'6" spring	15.6.99	1899	LM2576	5C	P-C	217	-
Part									
10867	Top Half of Bogie Pin Casting Required for Royal Saloon B53	6" to 1' plan and sections Endorsed: work to red for first class saloon X65 5.1.09	11.11.01	1901	B53	21C	P-C	217	-
Part									
10872	Axle Arm, Box, Cap and Nut Complete for Special Light Parcels Van	Full size section and elevation of box and 6" to 1' elevation of arm	19.6.99	1899	-	-	CI-C	220	-
10879	Tenders Classes T46-M47-Frame	1½" to 1' elevations, sections, plan and sectional plan of 18'3" tender frame with 4'1" diameter wheels Endorsed: for future tenders see Dg No 15889 3.1.07	26.5.00	1900	T46 M47	-	PB	338	3
		1½" to 1' elevations, sections, plan and sectional plan of 18'3" tender frame with 4'1" diameter wheels							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0879	Tender Class T46, I50 last 7-Frame	Endorsed: for future tenders see Dg No I5889 3.1.07 My comment: dirty and virtually illegible Endorsed: for future tenders see Dg No I5889 3.1.07	10.6.99	1899	T46	-	PC	338	4
I0879	Tenders Classes T46 to E56 Passenger, I50 (last 7 to H58 Goods Inclusive)-Frame	1½" to 1' elevations, sections, plan and sectional plan of 18'3" tender frame with 4'1" diameter wheels Endorsed: numerous alterations My comment: dirty and virtually illegible	11.1.08	1908	T46 E56 H58	-	PC	338	4
I0880	Tenders Class T46-Flanged Plates	3" to 1' details of plates Endorsed: thickness of flanged plates altered 24.11.41	30.6.99	1899	T46	-	CP	338	
I0886	Low Sided Wagon B48 Class	1½" to 1' general arrangement of 15' 3 plank dropside wagon	10.10.99	1899	B48	18W	P-C	217	-
I0897	Arrangement of Underframe for 48Ft 3Ins Bogie Carriages P47 Class	1½" to 1' arrangement of channel steel underframe 47'7½" with bogie to Dg No I0680 Endorsed: amended 28.2.00; 15 carriages only of order P47 to be fitted with the Vacuum brake	18.7.99	1899	P47	212C	P-C	218	-
I0903	Standard Wagon Draw Hook	Full size elevation and plan of drawhook and part of 3 link coupling and 3" to 1' of complete hook and coupling Endorsed: altered 3.6.04; dimensions altered for 20 tons brake van H56 class	11.7.99	1899	-	-	CI-C	443	2
I0904	Six Wheels Coupled Bogie Express Engines Class S69, also H88-Platform Steps	3" to 1' details of step on platform	31.10.11	1911	S69 H88	B12 D16	CI-C	338	
Att									
I0907	Boiler for Engines Class S46 and E48	1½" to 1' elevations, sections and plans of boiler with full size riveting details	14.7.99	1899	S46	D14	CI	338	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10907	Boiler for Engines Class S46 and T46	Endorsed: not required for D56 see Dg No I 1537	14.7.99	1899	F48	J16	CP	336	
10912	Drawhook and Shank for Wooden Framed Wagons	3" to 1' elevation and plan of component	21.7.99	1899	-	-	CP	434	
10915	Tenders Class T46-Tank	1½" to 1' elevations and plan of tender tank 16'9½" outside My comment: dirty and nearly illegible	24.7.99	1899	T46	-	CP	337	4
10922	Spiral Springs for Balancing Doors (Low Sided Wagons)	Full size elevation of spring 1'2" long	- .6.00	1900	-	-	CI-C	434	
10927	14 Ton Machine Truck D48-General Arrangement	1½" to 1' general arrangement of 25'6" truck Endorsed altered 30.5.01, 21.1.04 and 23.2.04 My note: very poor condition, disintegrating	3.10.99	1899	D48	25W	P-C	228	-
10929	14 Ton Machine-Ironwork Details D48	3" to 1' details of components Endorsed: amended 30.5.01, 19.10.01, 21.1.04 and 23.2.04	- .11.99	1899	D48	25W	P-C	228	-
10932	Four Wheels Coupled Bogie Express Engines S46 Class, D56, S69, E72, D81-Cab Side Windows-Arrangement and Details	3" to 1' elevations and plan of cab modified for later classes My comment: dirty and nearly illegible	10.9.99	1899	S46 D56 S69 E72 D81	D14 D15 B12 J18 J20	CP	337	4
10936	Narrow Piston Rings for Engines 1900 Class Fitted with Tail Rods	6" to 1' elevation of rings and full size details and sections	4.12.03	1903	S46	D14	PB	337	
10939	Four Wheels Coupled Bogie Express Engines S46 Class-Frame and Boiler Stay	3" to 1' elevations and plan of stay Endorsed: altered 8.11.00 & 31.1.02; for engines with boilers to	- .8.99	1899	S46	D14	CP	338	4

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Class Frame and Bolster Stay	Dg No 16089 see Dg 16213 10.10.07 My comment: dirty and virtually illegible							
10941	Four Wheels Coupled Bogie Express Engines Class S46, D56, G58, E72, L77-Driving and Trailing Spring	3" to 1' elevations and plans with several alterations for class E72 My comment: dirty and nearly illegible	19.8.99	1899	S46 D56 G58 E72 L77	D14 D15 J17 J18 N7	CP	337	4
10948	Four Wheels Coupled Bogie Express Engines Class S46, D56, G58-Back Cylinder Cover and Earls Metallic Packing for Piston Rod	Full size elevations and plan of back cover and details of packing Endorsed: several alterations up to 4.47	- .6.00	1900	S46 D56 G58	D14 D15 J17	PB	337	
10950	Four Wheels Coupled Express Engines Class S46, F48, D56-Valve Spindle Guide	Full size elevations and section of guide	- .9.99	1899	S46 F48 D56	D14 J16 D15	CI-C	337	
10952	Four Wheels Coupled Bogie Express Engines S46 Class, F48, G58-Eccentric Straps and Rods	Full size elevations of straps and rods Endorsed: 'Straps and' deleted from title; for straps S46, F48 and H50 see Dg No 7452; not required for D56 see Dg No 11469	- .9.99	1899	S46 F48 G58	D14 J16 J17	CP	337	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10954	Four Wheels Coupled Bogie Express Engines Class S46-Slide Valve and Spindle	Full size elevation and sections	30.6.00	1900	S46	D14	PB-C	338	
10955	Four Wheels Coupled Bogie Express Engines Class S46 and D56 and Six Wheels Coupled Goods Engines Classes F48 & G58-Details of Motion	Full size details of components	-9.04	1904	S46 D56 F48 G58	D14 D15 J16 J17	P	338	
10957	Four Wheels Coupled Bogie Express Engines Class S46, D56-Motion Arrangement	3" to 1' elevation and plan of motion	27.10.00	1900	S46 D56	D14 D15	PB	338	
10961	Four Wheels Coupled Bogie Express Engines Class S46, F48, D56, G58-Earls Metallic Packing for Valve Spindles	Full size details Endorsed: altered 3.02 & 17.8.02; see Dg No 17534 for engines fitted with superheater 17.11.10 My comment: dirty and virtually illegible	-9.99	1899	S46 F48 D56	D14 J16 D15	CP	338	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					G58	J17			
10962	Engines Classes T19, T26, D27 & P43-Arrangement of Stay Between Brake Cylinder and Brake Shaft Bracket	3" to 1' elevations and plan	12.9.99	1899	T19 T26 D27	 E4	PB	338	
10963	Four Wheels Coupled Express Engines Class S46, D56, F48, G58, S69, E72, L77, K85, H88-Clack Box	Full size sections, elevation and plan Endorsed: altered 11.2.01, 17.6.02, 4.9.31 & 8.9.31	12.12.99	1899	S46 D56 F48 G58 E72 L77 K85 H88	D14 D15 J16 J17 J18 N7 N7 D16	CI-C	338	
10964	Four Wheels Coupled Bogie Express Engines Class S46, D56 and Coal Engines G58-Steam Pipe Elbows	3" to 1' details of three elbows	26.11.10	1910	S46 D56 G58	D14 D15 J17	P	338	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I0968	C.I. Gas Retorts	3" to 1' elevations and section of retort patterns Nos 1, 6'4¾ long and No 2 6'2½" long for oil gas works	14.9.99	1899	-	-	PB	338	
I0976	Davies & Metcalfe's No 9 Exhaust Injector and Grease Separator Adapted to Suit Four Wheels Coupled Bogie Express Engines Class S46	6" to 1' elevations and plans	26.9.99	1899	S46	D14	PB	338	
I0989	Four Wheels Coupled Bogie Express Engines Class S46-Foundation Ring	3" to 1' plan of ring and full size details of riveting Endorsed: not required for D56 see Dg No I3552 My comment: dirty and virtually illegible	13.10.99	1899	S46	D14	CP	338	4
I0991	Frame Gusset Stays for Engines Class S44	3" to 1' elevations and plans of gussets	10.10.99	1899	S44	G4	CP	337	
I0993 Att	Four Wheels Coupled Bogie Express Engines D56- Alteration to Westinghouse Exhaust Pipe Joint in Smokebox	Full size section and elevation Endorsed: altered 6.5.09, bend to be iron	7.1.08	1908	D56	D15	P	338	
I0993 Att	Four Wheels Coupled Bogie Express Engines (Belpaire) Class D56-Westinghouse Exhaust Pipe Covering	Full size details of pipe and covering	- .10.03	1903	D56	D15	CP	338	
I0996	W/L Pump Bracket for Eng. S46 Class with Double	3" to 1' elevations of bracket							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part	WPA Pump Bracket for Enigs. S46 Class with Double Riveted Foundation Ring Corners	Endorsed: for F53 3.1.08, see Dg No 16922 for D56 class 17.11.09	- .5.07	1907	S46	D14	CI-C	338	
I 1003	Four Wheels Coupled Bogie Express Engines Class S46-Ashpan Arrangement	1½" to 1" arrangement on outline elevation and plan of engine Endorsed: not required for D56, see Dg No 13579; altered on 19.3.04, 8.5.22 and two more undated	- .11.99	1899	S46	D14	PB	250	-
I 1003 Att	Casting and Plate for Back Corners of Ashpan Fitted with Deflecting Plate	Full size details Endorsed: amended in red and green 9.7.04	- .5.04	1904	S46	D14	CP	250	-
I 1009 Att	Alterations to Safety Valve Levers C53 Class	½" to 1' details Endorsed: altered 28.4.03(?)	-	1903	C53	J70	P	250	-
I 1017	Turton Platts Buffer for Wagons	Full size sectional elevation and end elevation of self contained buffer with tapered casing Endorsed: cancelled see Dg No 17547	- .10.99	1899	-	-	PB	436	
I 1019 Att	Arrangement Showing Alterations to Pipes, etc for M51 Engines	1½" to 1' outline elevations and half plan of engine Endorsed: altered 11.3.01, 24.4.01, 11.5.01, 17.5.01, 6.6.01 and others	4.3.01	1901	M51	D14	-	250	-
I 1019	Four Wheels Coupled Express Engines Class S46-Rod, Pipe, Injector and Liquid Fuel Arrangement	1½" to 1' outline elevations and plan of engine showing arrangement of equipment Endorsed: several modifications	- .11.08	1908	S46	D14	PC	301	-
I 1021	Four Wheels Coupled Bogie Express Engines Class S46, D56-Details of Cylinder Cock Gear	Full size details Endorsed: altered 22.12.00 5.11.07	11.12.99	1899	S46 D56	D14 D15	CP	250	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1023	Four Wheels Coupled Bogie Express Engines Class S46-Clothing and Pipe Details	Full size details of components Endorsed: numerous modifications	- .1.00	1900	S46	D14	CP	250	-
I 1042	Cast Iron Buffer Guide for Suburban Carriages	Full size half elevation, section and front elevation of 5" guide types H for wood underframes and I for steel underframes	- .11.99	1899	-	-	CI-C	436	-
I 1043	16Ft Open Carriage Truck T48	1½" to 1' general arrangement of channel steel framed 16' truck Endorsed: work to red 30.7.08 regarding standard (wheel) bar	15.11.99	1899	T48	5M	P-C	229	-
I 1045	16Ft Open Carriage Truck T48-Details of Ironwork	3" to 1' details of components Endorsed: amended 25.9.01 and 30.7.08	- .1.00	1900	T48	5M	P-C	229	-
I 1047	Water Pickup Tenders Class A46-Arrangement and Details of Scoop and Air Cylinder	3" to 1' elevations and sections and 6" to 1' details of components	13.11.99	1899	A46	-	BP	250	-
I 1047	Water Pickup Tenders Class A46-Arrangement and Details of Scoop and Air Cylinder	3" to 1' elevations and sections and 6" to 1' details of components Endorsed: see Dg No I 1612 (for what?)	13.11.99	1899	A46	-	PB	250	-
I 1055	Four Wheels Bogie Express Engines Class S46, F48, D56, G58-Steam Chest Cover	Full size plan and sections Endorsed: several modifications	- .11.99	1899	S46 F48 D56	D14 J16 D15	CI	250	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					G58	J17			
I 1055	Six Wheels Coupled Coal Engines F48 Class-Steam Chest Cover for Engines with Balanced Valves to Dg No 18560	Full size elevation and section	5.1.14	1914	F48	J16	P-C	250	-
-I		Endorsed: amended 20.1.14							
I 1061	General Arrangement of Coal Wagon with Steel Floor Class D & E49	1 ½" to 1' general arrangement of 15' 8 plank wagon Endorsed: two down bolts added in body sides	9.4.00	1900	D49 E49	32W	P-C	227	-
I 1062	Ironwork Details for Coal Wagon with Steel Floor	3" to 1' elevations and plans of components	28.11.99	1899	D49 E49	32W	PB-C	443	2
I 1063	Details of Underframe for Coal Wagon with Steel Floor Class D&E49	1 ½" and 3" to 1' elevations and plan of components	27.4.00	1900	D49 E49	32W	PB-C	443	2
I 1064	No 8 Automatic Restarting Injector GER Pattern-Davies & Metcalfe's Patent	Full size elevations and plan of right hand ejector	25.10.99	1899	-	-	BP	250	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: copy of Dg No 414							
I 1065	Whistle Socket and Lever S46 Class	Full size details Endorsed: altered 4.9.02; also for S56, D56, S69, E72, K75	21.11.99	1899	S46	D14	CI	250	-
I 1076	Four Wheels Coupled Bogie Express Engines Class S46, D56, G58, LM3780, E72, S69, L77-5½" Regulator	Full size elevations and sections Endorsed: alterations to suit additional classes	- .12.99	1899	S46 D56 G58 E72 S69 L77	D14 D15 J17 J18 B12 N7	CI-C	250	-
I 1078	Alteration to Bearing Spring Gear for Bogie Composites P47 Class	3" to 1' elevation of part of bogie frame with 4' centres spring	20.11.99	1899	P47	212C	P-C	227	-
I 1081	Four Wheels Bogie Express Engines Class S46, F48, G58-Front Cylinder Cover	Full size elevation and section Endorsed: not required for D56 see Dg No I 1465	4.12.99	1899	S46 F48 G58	D14 J16 J17	CP	250	-
I 1089	General Arrangement of High Sided Goods Wagon with Wood Underframe	1½" to 1' general arrangement of 5 plank wagon 9'6" wheelbase and outside door balancing spring on outside of solebar My note: tracing dated 13.12.99; probably not built although showing new style wagon plate	- .9.00	1900	-	-	P-C	227	-
I 1095	Spiral Spring for Balancing High Sided Wagon Doors with Wood Underframes	Full size elevation of 10½" long coil spring	- .12.99	1899	-	-	P-C	227	-
I 1098	Six Wheels Coupled Bogie Express Engine Class S56-Regulator Stuffing Box	Full size elevations and additions for Class L77 Endorsed: for N7 L77 see Dg No 22190	-	1912	S56	D15	CP	250	-
I 1098	Four Wheels Coupled Bogie Express Engines Class S46, D56, G58, E72-Regulator Stuffing Box	Full size elevations, plan and sections	- .12.99	1899	S46	D14	CI	250	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	S46, L52, D56, G58, L72-Regulator Staining Box	Endorsed: for S69 see Attachment			L52 D56 G58 E72	D15 J17 J18			
11102	Alteration to Corners at Back End of Ashpan-Engines M51 Class	3" to 1' elevation and plan Endorsed: not required for D56	22.5.01	1901	M51	D14	CP	250	-
11102	Four Wheels Coupled Bogie Express Engines Class S46-Ashpan	3" to 1' arrangement with full size details Endorsed: not required for D56, amended 26.5.01	19.10.99	1899	S46	D14	CP	250	-
11103	Four Wheels Coupled Express Engines Class S46-Ashpan Details	Full size details of components Endorsed: not required for D56, see Dg No 12848; modifications for M51 class onwards	9.10.99	1899	S46	D14	CP	250	-
11106	Four Wheels Coupled Bogie Express Engines Class S46-Auxilliary Cock for Exhaust Steam Injector	Full size details Endorsed: altered 3.4.02 and 20.3.15	20.12.99	1899	S46	D14	CP	250	-
11106	Alteration Required to 1 Inch Cock for D56 Class Engines with Exhaust Injectors	Full size details of components	16.9.13	1913	D56	D15	P	250	-
11107	Blast Pipe Gear for Engines S46 Class	1/2" to 1' arrangement Endorsed: amendments for classes LM3780, D56, G58	.12.99	1899	S46	D14	CP	250	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11107 Att	Blast Pipe Gear for D56 Class Engines fitted with Schmidt Superheater	Full size arrangement and 3" to 1' details of components	8.2.11	1911	D56	D15	CI-C	250	-
11114	Tenders Class T46-Rod, Pipe and Brake Arrangement	1½" to 1' elevations and plan of tender with scoop Endorsed: alterations to brake work and scoop gear; arm for cord marked 'not required 22.1.12'	22.12.99	1899	T46	-	PB	250	-
11117	15 Tons Goods Brake Class C49	1½" to 1' general arrangement of 17'6" brake Endorsed: 17 Tons substituted for 15 in title	5.11.00	1900	C49	2W	P-C	229	-
11122 Att	Side Glare Screen Plates for Existing Firehole Door Screens Old Type	6" to 1' elevations and plan	30.5.17	1917			P	250	-
11122 Ren	Passenger Engines Class S69, D56, S46, T19, Y65, G69, C72, L77, Goods Engines E72, G58, F48, B74-Firehole Door	3" and 6" to 1' arrangement with additional information in ink	1.6.15	1915	-	-	P	250	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1123	Four Wheels Coupled Bogie Express Engines Class S46-Liquid Fuel Heater for Tenders	Full size elevations and plan of heater	- .6.00	1900	S46	D14		250	-
I 1125	Four Wheels Coupled Bogie Express Engines Class S46-Pressure Plate for Boiler	Full size details of plate size 5 1/4" x 3" for 180 lbs pressure Endorsed: 160 lbs for E72	3.1.00	1900	S46	D14	CP	250	-
I 1128	Tenders Class T46-Rod and Levers for LF Valve	6" to 1' elevations of 3 components	- .1.00	1900	T46	-	CI-C	250	-
I 1130	Four Wheels Coupled Bogie Express Engines Class S46-Sandbox Details	Full size details of 3 components Endorsed: not required for D56	6.1.00	1900	S46	D14	CP	250	-
I 1149	No 2951 GNR Dining Car	1/2" to 1' diagram of wheelbase and half end view of car with 60'6 7/8" body Copy of GNR plan dated 17.1.00	- .1.00	1900	-	-	P-C	228	-
I 1165	Dormitories Locomotive Department Stratford	1/4" to 1' sectional elevations of building and 1st floor plan of dormitory with 50 cubicles plus smoking room, cloak room, kitchen, dining room, pantry and bathroom	15.2.00	1900	-	-	PB-C	250	-
		1" to 1' elevations, sections and plan of 33'10 1/2" underframe with channel section							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11172	Arrangement of 34Ft 6Ins Carriage Steel Underframe	Endorsed: altered 26.9.01; reference to combined Westinghouse and Vacuum brake to Dgs Nos 11642, 11643 & 11698	- .11.0	1900	-	-	PB	436	
11173	Arrangement of 32Ft Carriage Steel Underframe Continental Train	1" to 1' elevations, sections and plan of 31'4½" channel steel underframe Endorsed: altered steam heating for brake 2nd E57 and C57; for arrangement of steam heating fittings on brake 2nd and brake vans continental trains see Dg No 13716; gas reservoirs and regulators not required for brake 2nds E57 of continental train My note: original Dg dated 29.6.01	- .12.03	1903	-	-	PB	436	
11175	Underframe Details for 34Ft 6Ins Carriage Stock	3" to 1' details of components for underframe Endorsed: altered 25.9.01 & 24.6.04 and other undated modifications	- .11.0	1900	-	-	PB	436	3
11176	Underframe Details for Main Line Brake Van R51 Class	1 ½" and 3" to 1' details of numerous components	3.6.01	1901	R51	532C	PB	446	2
11192	Details of Underframe for Cattle Wagon with Steel Frame Class B49	1½" to 1' details of components Endorsed: for D64 and future stock see Dg No 16205 1.08	-	1900	B49	7C	P-C	228	-
11195	Six Wheels Coupled Goods Engines Class F48, Tank Engines L77, G58, E72-Leading and Driving Hornblocks	6" to 1' elevations, plan and sections Endorsed: several alterations up to 1935	28.4.00	1900	F48 G58 E72 L77	J16 J17 J18 N7	CI	250	-
11201	Six Wheels Coupled Goods Engines Class F48, G58, E72-Cast Steel Spring Brackets and Hangers	6" to 1' elevation and sections Endorsed: spring brackets only for L77 for other spring gear details Dg No 19282 16.11.14	- .5.00	1900	F48 G58 E72	J16 J17 J18	CP	377	4
11209	Underframe for Bogie Suburban Brake Third Class Carriage Class G50	1½" to 1' elevations and plan of 45'4½" underframe and with 4 wheeled bogies, braking details, dynamo and battery boxes	- .11.00	1900	G50	517C	PB	234	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Carriage Class G50	Endorsed: see Dg No 18928 for drawgear 14.1.14							
11211	Details of Ironwork for Bogie Suburban Brake Third G50 Class	3" to 1' details of bogie ironwork Endorsed: altered 10.1.14, see Dg Nos 18664, 18456 and 18736 for modified drawbar components; work to red 15.12.00	- .8.00	190	G50	517C	PB	234	-
11220	Bogie Suburban 2nd and 3rd Class Carriages E & F50	¾" to 1" arrangement of 54' 10 compartment body on 12 wheel underframe	3.4.00	1900	E50 F40	309C 411C	PB	234	-
11221	Underframe for Six Wheeled Bogie Suburban Carriages Class C, D, E & F50	1½" to 1' elevations and plan with outline of 6 wheel bogie, details of braking, dynamo and battery boxes Endorsed: for drawgear see Dg No 18928 14.1.14	25.9.00	1900	C50 D50 E50 F50	113C 213C 309C 411C	PB	234	-
11223	Diagram Showing Arrangement of Water Pick Up on Tenders	¾" to 1' outline sectional side elevation of tender showing apparatus, reservoir and valve with 6" to 1' elevations of air valve on tender front Endorsed: alteration air pipe from reservoir see Dg No 11114	5.4.00	1900	-	-	PB-C	379	
11223	Details of Ironwork for Six Wheeled Bogie Suburban Carriages Classes C, D, E & F50	3" to 1' details of components Endorsed: altered 26.11.00; buffers altered see Dg No 15948 13.9.07; see Dg No 18978 for drawgear 15.1.14	- .7.00	1900	C50 D50 E50 F50	114C 213C 309C 411C	PB	234	-
11225	Six Wheels Coupled Goods Engines Class F48 (J17)-Framing	1½" to 1' elevation, plan and detail of framing with arrangement of springing	15.5.00	1900	F48	J16	CI-C	378	3

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: for G58 see Dg No 15060 24.10.06				J17			
I 1238	Bogie Suburban Composite Carriage D50 Class	¾" to 1' body arrangement of 54' 9 compartment carriage and half plan of underframe	19.4.00	1900	D50	213C	PB	234	-
I 1241	Spiral Springs for Balancing Doors	Full size details of 10½" long spring	11.4.00	1900	-	-	PB	234	-
I 1246	Arrangement of Ballast Wagon K49 Class	1½" to 1' general arrangement of 12' 3 plank dropside ballast wagon with dead buffers Endorsed: work to red for B59 with bolster 2.3.05 My comment: bolster shown on drawing	- 5.00	1900	K49	40WV	PB-C	234	-
I 1247	Ironwork Details for Ballast Wagon K49 Class	3" to 1' and full size details of components Endorsed: altered 22.9.00, work to red for B59 with bolster 2.3.05	25.4.00	1900	K49	40WV	PB	234	-
I 1250	Special No 9 Self Acting Injector	Full size elevations, plan and section of elbow Copy of Holden & Brooke Ltd drawing No T1536	20.3.00	1900	-	-	PB	378	
I 1251	Six Wheels Coupled Goods Engines Class F48, G58, E72-Coupling Rod and Crank Pins	Full size part elevations, sections and plans of components Endorsed: numerous alterations up to 5.3.41	- 5.00	1900	F48 G58 E72	J16 J17 J18	CI	377	
I 1252	Alteration to Underframe of Restaurant Car to Suit Six Wheeled Bogies LM2815	1½" to 1' half side elevation and plan of 54'4½" underframe showing outline of 6 wheel bogie with 6' wheel centres	9.5.00	1900	K49	40WV	PB	234	-
I 1262	Six Wheels Coupled Goods Engines Class F48, G58, E72-Leading Axlebox 11.	Full size elevations, section and plan of axlebox for 9" journal	11.5.00	1900	F48 G58 E72	J16 J17 J18	CI	377	
		Full size elevations, section and plan of components			F48	J16			

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1263	Six Wheels Coupled Goods Engines Class F48, G58, E72-Driving Axlebox and Spring Hanger	Endorsed: driving axlebox for engines class L77 (N7); numerous amendments up to 5.35; see attachment for alterations to white metal	5.6.00	1900	G58 E72	J17 J18	CI-C	377	
I 1265	Six Wheels Coupled Goods Engines Class F48, G58-Spring Hanger and Bracket for Front End of Leading Spring	Full size elevations and plan of components Endorsed: altered 8.10.01	- .5.00	1900	F48 G58	J16 J17	CI	377	
I 1268	Six Wheels Coupled Goods Engines Class F48-Valve Spindle Coupler	Full size elevations and plan	- .5.00	1900	F48	J16	PB	377	
I 1269	Six Wheels Coupled Goods Engines Class F48, G58-Ashpan Details	3" to 1' plan of ashpan and full size details	14.5.00	1900	F48 G58	J16 J17	CI	247	-
I 1269	Six Wheels Coupled Goods Engines Class P52, F48 & G68 with Belpaire Firebox-Ashpan Details	Full size details of components Endorsed: for other details for E72 see Dg Nos 18237 & I 1269 Attachment No 2	31.10.01	1901	F48 P52	J16	CI	247	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11269 Att 2	Ashpan Corner Castings for Goods Engines Doubled Riveted Foundation Ring Corners Class G58, E72	Full size details Endorsed: for other details for E72 see Dg Nos 18237 & 11269 Att 1	- .9.04	1904	G58 E72	J17 J18	CI-C	247	-
11270	40 Tons Crocodile Truck Class K50	1½" to 1' general arrangement of 47'3" bogie truck with sections	18.10.00	190	K50	28WV	PB	234	-
11271	40 Tons Crocodile Truck Class K50-Details of Truck Framing	1½" to 1' details of framing components	- .1.01	1901	K50	28WV	PB	234	-
11272	40 Tons Crocodile Truck Class K50-Details of Bogie Framing	1½" to 1' details of framing components	2.8.00	1900	K50	28WV	PB	234	-
11273	40 Tons Crocodile Truck K50 Class-Ironwork Details	3" to 1' details of components Endorsed: altered to red 9.9.01	- .9.00	1900	K50	28WV	PB	234	-
11274	40 Tons Crocodile Truck Class K59-Bogie Casting, Etc.	6" to 1' details of 3 components	2.8.00	1900	K50	28WV	PB	234	-
11275	40 Tons Crocodile Truck Class K50-Inside Axlebox 'M'	Full size elevations, plan and sections of boxes, right and left hand	21.6.00	1900	K50	28WV	PB	234	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1276	Axle for Crocodile Truck Class K50	3" to 1' details of two journal axle, outside journal 5½" x 10" inside 5½" x 13"	15.5.00	1900	K50	28W	PB	234	-
I 1277	Bearing Spring for 40 Ton Crocodile Truck Class K50	Full size elevations and plan of 4 plate spring 2'6" centres Endorsed: modified 6.10.08 and 13.3.17	20.6.00	1900	K50	28W	PB-C	234	-
I 1278	40 Tons Crocodile Truck-Details of Trestle	3" to 1' details of 8 components for trestle, 1 set comprises 2 trestles	22.8.00	1900	K50	28W	PB	234	-
I 1279	Six Wheels Coupled Goods Engines F48 Class-Cab	1½" to 1' elevations and plan of cab Endorsed: for L52 cab see Dg No I 1596; altered 20.8.07	21.5.00	1900	F48	J16	PB	377	
I 1283	Six Wheels Coupled Goods Engines Class F48, G58- Injector Pipe and Clothing Details	Full size elevations, plans and sections of components Endorsed: altered 14.10.01, 26.2.02, 17.9.09 & 2.9.25	- .7.00	1900	F48 G58	J16 J17	CP	377	
I 1283	Six Wheels Coupled Goods Engines Class F48, L52, G58-Injector Pipe and Clothing Details	Full size elevations, plans and sections of components Endorsed: altered for F58 & L52 classes	25.2.08	1908	F48 L52 G58	J16 J17	P	377	4
I 1284	Six Wheels Coupled Goods Engines Class F48, G58- Sand Gear Details	Full size details of numerous components Endorsed: altered for classes G58 and L52	1.6.00	1900	F48 G58	J16 J17	CI	377	
I 1285	Six Wheels Coupled Goods Engines Class F48-Sand Box and Splashes	3" to 1' elevations and plan Endorsed: numerous alterations in ink but base pencil details invisible	- .6.00	1900	F48	J16	CP	379	4
I 1285	Alterations to Leading Sand Box and Splasher to Suit Dry Sanding Gear H80 Class	3" to 1' elevations and plan	15.8.17	1917	H80	J19	CP	379	

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11285 Part	Six Wheels Coupled Goods Engines Class G58- Leading Sand Box and Splasher	3" to 1' elevations and plan of splasher with 6" to 1' and full size details of components Endorsed: altered 16.2.14 to create a hopper bottom	19.1.11	1911	G58	J17	P	379	
11286	Six Wheels Coupled Goods Engines Class F48-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: numerous alterations up to 2.9.25; for L52 class see Dg No 16259 My note: drawing damaged, some detail missing	- .5.00	1900	F48	J16	PB	379	
11300	Carriage Oil Axlebox 'K' with Opening Front and Movable Oil-Well	Full size elevations and sections of axlebox for journal 7 7/8" x 3¼" Endorsed: fitted to bogie suburban carriages C, D, E & F50; altered in red 22.9.00	- .5.01	1901	-	-	PB-C	234	-
11303	Arrangement of Dual Brake on Third Class Saloon O50 Class	1½" to 1' elevations and plan showing arrangement of dual brake on part of underframe Endorsed: for details see Dg No 11304; for arrangement of underframe see Dg No 11172	21.6.00	1900	O50	19C	PB	234	-
11315	Screw Coupling for Bogie Suburban Carriages	Full size elevations and plan of short coupling Endorsed: six couplings required for C, D, E, F, & G50 classes	10.7.0	1900	-	-	PB	234	-
11317	Drawbar Plate for Wagons fitted with Westinghouse Brake	Full size elevation and section of malleable cast iron plate Endorsed: all cattle wagons fitted with this plate 10.04	6.7.00	1900	-	-	PB-C	234	-
11319	Spiral Spring for Cattle Wagon Doors Class B49	Full size details of 14" long spring Endorsed: for steel frame	-	1900	B49		PB	234	-
11328	Details of Cast Iron Work for Bogie Suburban Carriages Classes C, D, E & F50	Full size details of 3 components Endorsed: for other cast iron details see Dg Nos 10607, 10584 and 10398; amended 9.1.01 for 4 wheeled bogies and amended for C65 21.10.02	21.8.00	1900	C50 D50 E50 F50	114C 213C 309C 411C	PB	234	-
11331	Relief Valve for Engines S46 Class	Full size section and plan of valve, 4 per engine	30.7.00	1900	S46	D14	CP	379	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1334	Bearing Spring for Wagons with Steel Underframe	Full size elevations and plan of 4 plate spring 3' 5 7/8" unloaded	1.8.00	1900-	-	-	CI-C	234	-
I 1343	Spring for Door Balancer of Wood Frame Cattle Wagons	Full size details of 11" long spring	5.9.00	1900	-	-	PB	234	-
I 1344	Details of Door Balance for Wood Frame Cattle Wagon	Full size details of 12 components	- .9.00	1900	-	-	CI-C	234	-
I 1351	Six Wheels Coupled Goods Engines Class F48-Footboard	1½" to 1' elevations, plan and sections of footboard Endorsed: not carried out	7.9.00	1900	F48	J16	CP	378	4
I 1355	Wheel and Axle for 15 Ton Coal Wagon	6" to 1' half elevation and section of 3'1" diameter spoked wheel Endorsed: and for 17 ton goods brakes and 14 ton machine axle only; altered to red 22.8.02 in respect of axle	11.9.00	1900	E51	33W	Pb	234	-
I 1356	No 3 Type C Forms of Attachment for Connecting Chains to Flanges of Barrels of Cranes	Full size elevations and plan of 5 forms of attachment Endorsed: copy Dg No SDO 1813	8.9.00	1900	-	-	PB	379	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11358	Arrangement and Detail of Ball Bearing Roller Bracket for Sliding Doors of Corridor Carriages	Full size arrangement and details of components	24.1.01	1901	-	-	PB	234	-
Part									
11367	Copper Firebox for Engines Classes Y14, T19, T26, D27, N31, C32	3" to 1' elevations, half section and plan of firebox with full size riveting details Endorsed: for new arrangement of tubes see Dg No 15099 26.11.06	28.9.00	1900	Y14 T19 T26 D27 N31 C32	J15 D13 E4 - J14 F3	CP	378	3
11371	Bearing Springs for Bogie Composite Carriages	3" to 1' elevations and plan of 8 plate spring 4' centres to pattern No 23 Endorsed: altered to red 25.3.09	1.10.00	1900	-	-	PB	234	-
11386	Metallic Packing for Piston Rods 61-75, 211-220 Engs, 135 Class	Full size sections and elevations of packing Endorsed: altered 22.11.01, 28.8.03 & 18.1.04	16.10.00	1900	E10	-		379	
11391	Continental Traffic Wagon A51	1½" to 1' general arrangement of 5 plank 22'10" open wagon Endorsed: for B75 and future classes see Dg No 18933 21.10.13; minor alteration to lower side stanchion 5.3.01	24.10.00	1900	A51	10VV	PB	234	-
11397	Cylinders T18 Class G75 Also Renewals E10, R10, X13	3" to 1' elevations and sections of cylinders Endorsed: altered 23.7.07	- .12.00	1900	T18 G75 E10 R10 X13	J66 J68 - - -	CI	216	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1404	Gas Reservoir Bands, etc 34'6" Carriage Stock M, O and X50	6" to 1' details of components and list of quantities for several classes	15.11.00	1900	M50 O50 X50	423C 19C 20C	PB	252	-
I 1408	Tar Box for Gas Works	3" to 1' sectional elevations and plan of cast iron box Endorsed: for other dimensions see Dg No 8645	- .11.00	1900	-	-	CP	378	
I 1411	Leading Splasher for Engines S44, L50 Class	3" to 1' elevation and plan of splasher Endorsed: for details see Dg No I 1285	7.11.00	1900	S44 L50	G4	PB	378	
I 1414	Diagram Showing Position of Ventilators on Covered Goods Wagon	1" to 1' elevations and sections of end body vents	- .11.00	1900	-	15W	CP	252	-
I 1415	Diagrams of Fascia Boards for Carriages	1½" to 1' series of fascias for main line and suburban stock showing disposition of map, mirror, hotel adverts and photos	20.4.01	1901	-	-	PB	252	-
I 1419	Metallic Packing for Valve Spindles (51-75, 211-220 Engs, 552-561) (135 Class)	Full size details of packing Endorsed: 13.6.01 for class Y14	- .11.00	1900	E10	-	CP	378	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1422	Details of Door Balancing Gear for High Sided Goods Wagon	3" to 1' part side and sectional end elevation showing gear	27.11.00	1900	-	-	PB	252	-
I 1426	Bearing Springs for Main Line and Suburban Carriages	3" to 1' details of 7'0" springs, 9 plates for main line, 10 plates for suburban and ends of main line stock	21.11.00	1900	-	-	PB	252	-
I 1431	Sand Drying Furnace Stratford	½" to 1' elevations and plan of furnace with 6" to 1' details of roof connection	27.11.00	1900	-	-	PB	379	
I 1434	Four Wheels Coupled Bogie Express Engines Class M51, D56-Crank Axle 10	3" to 1' side and end elevation of axle 4'0¼" centres Endorsed: for future crank axles work to Dg No 25505 28.4.25	10.1.01	1901	M51	D14	CI-C	378	
I 1439	Door Balancing Gear Details High Sided Wagon	Full size details of 9 components	29.11.00	1900	-	-	P	252	-
I 1443	Four Wheels Coupled Bogie Express Engines Class M51, S56-Piston Rod and Nut	Full size elevation of piston rod and detail of nut Endorsed: see Dg No 17530 for D56 class engines fitted with superheater 8.11.10; class S56 deleted from title 15.10.08; tail rods not required 13.8.14; altered 11.5.48	22.1.01	1901	M51 S56	D14 J67	CI-C	378	
I 1444	Method of Attaching Top Hinge of Door Flap on Coal Wagons	1½" to 1' elevations and section probably for private owners wagons	11.12.00	1900	-	-	CP	252	-
I 1445	Piston and Rod for Engine No 228	Full size sectional elevation, elevation and plan of component Endorsed: altered 17.8.01, 10.9.40 & 11.5.48	21.12.00	1900	-	Y5	CI-C	378	
I 1446	Standard Test Cock for Engines	Full size section of cock	- .12.00	1900	-	-	CI-C	379	
I 1447	Tool Box for Tenders T46 Class (Fitted with LF)(One Fitted with LF)	6" to 1' elevations, section and sectional plan of tool box made of 1/8" steel plate	13.12.00	1900	T46	-	CP	378	
I 1451	Details of Ironwork for Underframe of Suburban Carriage	3" to 1' details of components Endorsed: two alterations	31.12.00	1900	-	-	PB	252	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1456	Bottom Half of Bogie Centre Pivot for Restaurant Car Extra Bogies	Full size elevation, plan and section	- .1.01	1901	-	-	CI-C	252	-
I 1459 Ren	Engines Type D15 & D16-Driving Hornblock and Axlebox	6" to 1' elevations, sections and plan of components D16 Endorsed: altered 13.6.55	9.10.37	1937	-	D15 D16	P	378	
I 1460	Four Wheels Coupled Bogie Express Engines Class M51, D56-Eccentric Sheaves	Full size elevation and section of sheaves with 3" to 1' elevation showing position on crank axle Endorsed: additional detail for class LM3780; see Dg No 16511 for eccentric for engine 1830 and last 5 D67 engs.	7.1.01	1901	M51 D56	D14 D15	CI-C	379	
I 1469	Four Wheels Coupled Bogie Express Engines M51 Class, S46, D56-Eccentric Straps and Rods	Full size elevations, section and plan of components Endorsed: numerous alterations up to 5.12.33	11.1.01	1901	S46 M51 D56	D14 D15	CI-C	379	
I 1469 Att	Four Wheels Coupled Bogie Express Engines D56 Class-Lubricator for Eccentric Straps	Full size part side elevation and section of lubricator	3.7.12	1912	D56	D15	P	379	
I 1471	Double Bolster Wagon Class F52	1½" to 1' general arrangement of 22'9" wagon Endorsed: bolsters altered for 153 4.3.02	16.7.01	1901	F52	30W	PB	252	-
		*3" to 1' details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1472	Ironwork Details for Double Bolster Wagon Class F52	Endorsed: altered 23.1.14, 21.7.14, 21.7.16 and others; components for additional brake for wool wagons 21.7.16	28.2.01	1901	F52	30W	PB	252	-
I 1473	Steel Sides for Double Bolster Wagons	1½" to 1' details of 22'9" long strip 7" deep for 25 wagons to I53 and future classes	- .3.02	1902	F52	30W	PB	252	-
Part					I53				
I 1474	General Arrangement of Single Bolster Wagon Class G52	1½" to 1' arrangement of 12' bolster wagon Endorsed: for F64 and future stock see Dg No I6251 I1.07	27.7.01	1901	G52	29W	PB	252	-
I 1482	Four Wheels Coupled Bogie Express Engines Class F53-Alteration to Cab, etc	1½" to 1' side elevation and plan of cab Endorsed: not required for D56, see Dg No I3553	- .1.01	1901	F53	D14	-	379	3
Att									
I 1482	Four Wheels Coupled Bogie Express Engines Class F53-Arrangement of Cab Front Windows, etc.	1½" to 1' elevation of cab front and part side elevation Endorsed: altered 4.4.02 & 21.4.02; not required for D56	- .11.01	1901	F53	D14	CP	379	
Att									
I 1486	Four Wheels Coupled Mixed Traffic Engines Class S50-Arrangement of Automatic Vacuum Brake	1½" to 1' outline side elevation of engine, end elevation of cab section of boiler and part plan showing arrangement of brake pipes in cab with 3" to 1' details of brackets and supports My note: bottom part of drawing damaged or missing but little loss of detail	23.1.01	1901	T26	E4	CI-C	379	
I 1490	Leading Sand Box for Express Engines S46, M51 Class	3" to 1' elevations, plan and sections of sand box with full size section of lid Endorsed: several amendments; cancelled see Dg same number I2.13	28.1.01	1901	S46 M51	D14	PB-C	379	
I 1490	Leading Sand Box for Express Engines Classes S46, M51 & D56	3" to 1' elevation, section and plan with full size section of lid Endorsed: numerous alterations up to 17.4.23	18.9.06	1906	S46 M51	D14	P	379	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					D56	D15			
Att 11490	Alteration to D56 Class Leading Sand Box to Suit S69 Class	3" to 1' sectional elevations and plan of sand box Endorsed: altered for left hand sand box for engines S56 class with exhaust injector 16.3.15	- .9.11	1911	D56 S69	D15 B12	P	379	
11504	Four Wheels Coupled Bogie Express Engines Class M51-Injector Details	Full size details Endorsed: for D56 class see Dg No 16554 9.7.09; modified in red 2.9.25	11.2.01	1901	M51	D14	CP	233	-
11505	Water Pick Up Tenders Class 051-Arrangement and Details of Scoop Gear, Steam Cylinders, Etc.	3" to 1' arrangement of pick up and details of fittings	11.2.01	1901	51	-	PL	233	-
11505	Water Pick Up Tenders Class 051-Arrangement and Details of Scoop Gear, Steam Cylinders, etc.	3" to 1' arrangement of pick up and details of fittings Endorsed: some minor alterations	11.2.01	1901	51	-	PB	233	-
11506	Cast Iron Distance Piece for Single Bolster Wagon Class G52	Full size elevations and plan of piece Endorsed: for C76, F77 and future classes see Dg No 19163 item 43 5.14	12.2.01	1901	G52	29W	PB	252	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11512	Screw Coupling and Binding Chain for Machine Trucks	6" to 1' elevation and plan	18.2.01	1901	-	-	PB	252	-
11514	Four Wheels Coupled Bogie Express Engines Class M51, S69, E72, L77-Ventilator for Cab	Full size elevations and plan of hit and miss ventilator	- .2.01	1901	M51 S69 E72 L77	D14 B12 J18 N7	CI-C	233	-
11517	Roof Bars for Engines T18 Class with 180 Lbs Boiler Pressure	3" to 1' details of 2 types of roof bars with sections Endorsed: roof bars not required for S56 and future boilers with firebox roof stays to Dg No 13581 2.10.03	22.2.01	1901	T18	J66	CP	233	-
11518	Strengthening Plate for Fox's Pressed Bogie for Restaurant Cars	1½" to 1' outline elevation of frame plates and plans of plates	25.2.01	1901	-	-	PB	252	-
11519	Water Pick Up Steam Valve M51	Full size elevations Endorsed: amended 20.6.01, 26.6.03 and 3.7.03	- .2.01	1901	M51	D14	CP	233	-
11521	Footboard for Express Engines M51	1½" to 1' arrangement (?) My comments: very dirty and indistinct	26.2.01	1901	M51	D14	CP	233	-
		Full size details of cock							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1525	Injector Steam Cock M51 Class	Endorsed: amended 25.3.07 and 11.12.07, not required for D56 see Dg No 12723	1.3.01	1901	M51	D14	CP	233	-
I 1535	Diagram of 15 Ton Coal Wagon	1½" to 1' diagram showing end elevation of loaded wagon against loading gauge	- .3.01	1901	-	-	CP	252	-
I 1537 Att	Four Wheels Coupled Express Engines T19 Class Belpaire Boilers and G16 Bogies-Alteration to Boiler	1½" to 1' outline elevation and section of boiler	- .5.04	1904	T19	D13	CP	233	-
I 1537 Att	Four Wheels Coupled Express Engines T19 Class Fitted with Belpaire Boilers-New Steam Dome for Boilers	3" to 1' sectional elevations and plan Endorsed: amended in red undated	- .10.05	1905	T19	-	CI-C	233	-
I 1548	4Ft 9Ins Boiler for Express and Goods Engines Fitted with Continuous Wrapper Plate	1½" to 1' elevations and details of boiler and full size details of riveting Endorsed: modified 20.3.08	- .6.09	1909	-	-	PB	233	-
I 1549 Att	Six Coupled Tank Engines Class T18, P55-Dome for High Pressure Boilers	3" to 1' sectional elevations and plan of dome Endorsed: work to red for goods engines Y14 class; several amendments	13.11.05	1905	T18 P55	J66 F4	CI-C	233	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11561	Stays and Expansion Bracket for Belpaire Boiler for Engines Classes T19, Y14, F48, D56, LM3780, G58, E72	Full size details of components with dimensions for the various classes	3.4.01	1901	T19 Y14 F48 D56 G58 E72	D13 J15 J16 D15 J17 J18	CI	233	-
11567	Six Wheels Coupled Goods Engines Class L52, G58, E72, D81, LM7380-Reversing Screw Bracket and Wheel	6" to 1' arrangement of bracket with dimensions for the various classes Endorsed: for reversing screw nut stop, plate, etc. see Dg No 6179; see Dg same number retraced 8.54	- .4.01	1901	L52 G58 E72 D81	J16 J17 J18 J20	CI-C	233	-
11567	Reversing Screw (and Wheel) for J17, J19/2, J20/I, J20	6" to 1' arrangement of screw bracket and 3" to 1' of wheel	- .8.54	1954	-	J17 J19/2 J20 J20/I	P	233	-
11569	Diagrams Showing Position of Lamp Irons and Ascending Irons	1/2" to 1' end elevations of carriage stock and horse boxes My comment: spilt ink obscures one end elevation	- .3.01	1901	-	-	PB	252	-
11569	Diagrams Showing Position of Lamp Irons and Ascending Irons	1/2" to 1' end elevations of carriage stock and horse boxes My comment: drawing traced from Dg No 11569 dated 3.01	17.5.11	1911	-	-	P	252	-
	Six Wheels Coupled Tank Engines T18 Class with 180	3" to 1' details of components and full size of riveting							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1576	Lbs Boiler Press. -Foundation Ring, Expansion Bracket, Sling Stay, Longitudinal Stays, etc.	Endorsed: work to red for F58 and future boilers with roof stays to Dg No 13581 and attachment 2.10.03	19.4.01	1901	T18	J66	CI-C	233	-
I 1579	Tender Tank to Supply 3,300 Gallons to Engine	1½" to 1' sectional elevations and plan of tank Endorsed: for tender tank for D81 class engines see Dg No 22323 4.5.22	20.4.01	1901	-	-	PB	233	-
I 1581	Pressure Plate for Boilers	6" to 1' elevations of 4 plates size 3¼" x 1 7/8 marked 'Working Press 180 Lbs per Sq In'; for class with 5'2" fireboxes	26.4.01	1901	-	-	CP	233	-
I 1585	Proposed Train Indicator Board for Fenchurch Street Station	1" to 1' elevations of wooden structure showing 5 destinations with luggage boxes below	16.4.01	1901	-	-	PB	233	-
I 1587	Buffer Guide for Bogie Carriages	Full size sectional elevation and plan of E type guide 1'3½" long, G type 1'2½", C type 1'2½" and Z type 1'2½" base holes vary	1.5.01	1901	-	-	CI-C	252	-
I 1588	Gas Reservoir for Officers Saloon	3" to 1' elevations of 4'6" long cylinder and gun metal union	1.5.01	1901	-	-	CI-C	252	-
I 1592	Underframe for Royal Saloon B53	1½" to 1' details of reversed channel frame 49'4½" with timber inserts,dual brakes, bogie to Dg No 11507 Endorsed: bogie supports altered 11.12.07	21.5.01	1901	B53	21C	PB	252	-
I 1594	Ironwork Details for Underframe of Royal Saloon B53	3" to 1' details of components	26.6.01	1901	B53	21C	PB	252	-
I 1601	Tender Tank Class A53-Arrangement of Pipes for Liquid Fuel, Water Pick Up, etc.	1½" to 1' arrangement of pipes on elevations and plan of tank Endorsed: amendments in red, green and blue	10.5.01	1901	A53	-	PB	233	-
I 1607	Bogie and Underframe for Officers Saloon LM3041	1½" to 1' half side end elevation, end elevation and half plan of channel section underframe 33' 10½" and section through 6'6" wheelbase bogie	16.5.01	1901	X50	7C	PB	252	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11607	Bogie and Underframe for Officers Saloon L15041	Endorsed: brakes altered to clasp type 12.9.01 (blocks originally on outside of wheels with 1 block to each wheel)	16.5.01	1901	A30	7C	PB	252	-
11612	Water Pick Up-Tenders Class T46-Arrangement and Details of Scoop and Air Cylinder	3" to 1' arrangement and details of scoop with 6" to 1' details of fittings	4.6.01	1901	T46	-	P	233	-
11612	Water Pick Up-Tenders Class T46-Arrangement and Details of Scoop and Air Cylinder	3" to 1' arrangement and details of scoop with 6" to 1' details of fittings Endorsed: altered in red 6.7.04	4.6.01	1901	T46	-	CI	233	-
11614	Bearing Spring for Royal Saloon B53	3" to 1' elevation and plan of 10 plate spring	- .5.01	1901	B53	21C	CP	252	-
11618	Four Wheels Coupled Bogie Express Engines S46 Class Unbalanced Slide Valve	Full size elevations and section Endorsed: work to red 6.5.03; work to Dg No 11644 for renewals	24.5.01	1901	S46	D14	CP	233	-
11621	Six Wheels Coupled Tank Engines Class T18 with 180 Lbs Pressure-Ashpan	3" to 1' arrangement of ashpan	31.5.01	1901	T18	J66	CP	233	-
11626	Alteration of 14 Tons Machine Trucks from 6'5" to 6'7½" Centres of Journals	3" to 1' elevations and plan of axlebox, springs and wheel and details of components Endorsed: several alterations	11.6.01	1901	-	-	PB-C	252	-
11627	Alteration of 14 Tons Machine Trucks from 6'5" to 6'7½" Centres of Journals-Hornblocks	Full size elevations and plan of hornblocks Endorsed: altered 7.4.08 and 16.6.09	13.6.01	1901	-	-	PB	252	-
11628	Positions of Brake Pipes on GER Coys Vehicles	(1½" to 1') side end end elevations of various combinations of Westinghouse and Vacuum pipes on different classes of stock	15.6.01	1901	-	-	PC-C	252	-
	Engines Class T18 Prior to H45, E1 Class (Old)	Full size elevation and details			T18	J66			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1629	Engines Class T18 Prior to F43, 31 Class (Old Cylinders)-Metallic Packing for Valve Spindles	Endorsed: for piston rod packing see Dg No 10733; amended 3.02 and 14.8.03	11.6.01	1901	51	-	CP	233	-
I 1637	Metallic Packing for Valve Spindles Engs. No 1 Class	Full size elevation Endorsed: several amendments 3.02, 1.04 and 8.04	17.6.01	1901	No 1	-	CP	233	-
I 1639	General Arrangement of Vitriol Wagon	1½" to 1' arrangement of 7 plank body on 15' standard steel underframe and half plan	21.6.01	1901	-	8VV	PB	252	-
I 1640	Metallic Packing for Piston Rods-Engines No 1 Class	Full size elevations Endorsed: altered 31.8.03 and 18.1.04	29.6.01	1901	No 1	-	CP	233	-
I 1642	Arrangement of Combined Westinghouse, Vacuum and Hand Brake for 34'6" Brake Thirds Class T51	1½" to 1' sectional side elevation and plan of underframe and brakes Endorsed: this drawing corrected for T51 and stock up to but not including E58 22.10.07	3.7.01	1901	T51	212C	PB	252	-
I 1644	Six Wheels Coupled Goods Engines Class L52, D56, F53, G58-Slide Valve and Spindle	Full size elevations Endorsed: see Dg No 16763 for boiler 1830 engine and last 5 D57 engines 23.10.09	27.6.01	1901	L52 D56 F53 G58	J16 D15 D14 J17	CP	233	-
I 1646	Metallic Packing for Valve Spindles Classes T18, T19, T26, C32, N31, M15 Rebuilt and 0230c to Blue	Full size elevations and details Endorsed: amended 3.02, 17.8.03 and 30.11.05	22.8.01	1901	T18 T19 T26 C32 N31 M15	J66 D13 E4 F3 J14 F4	CI-C	233	-
I 1647	Tramway Engines Class C53-Motion Arrangement	3" to 1' elevations and plan of motion Endorsed: for motion details see Dg No I 1648	- .7.01	1901	C53	J70	CI	233	-
I 1648	Tramway Engines Class C53-Details of Motion	Full size details of components Endorsed: altered 28.9.03, 12.5.08 and 18.5.14	- .7.01	1901	C53	J70	PB	233	-
I 1649	Six Wheels Coupled Tram Engines C53 Class-Framing	1½" to 1' elevations and plan Endorsed: work to red for D85 27.8.20 My note: renewal drawing	26.11.13	1913	C53	J70	P	233	-
		1½" to 1' elevations and plan of cab and full size sections of constructional details							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1650	Tramway Engines Class C53-Arrangement of Cab	Endorsed: altered 9.9.08 and to show position of water gauge and brake gauges on both ends of cab	- .7.0	1901	C53	J70	PB	233	-
I 1651	Tramway Engines Class C53-Cylinders	3" to 1' elevations, sections and details of cylinders Endorsed: see renewal tracing same number dated 2.42; altered 27.8.08 & 3.35	- .9.01	1901	C53	J70	PB	303	-
I 1652	Tanks and Coal Boxes for Tram Engines Class C53	1½" to 1' elevations and plan of tanks and details of fittings Endorsed: altered for class C53 engines	- .10.01	1901	C53	J70	PB	304	-
I 1652	Six Wheels Coupled Tram Engines Class C53-Tanks and Coal Boxes	1½" to 1' elevations and plans of boxes	21.12.20	1920	C53	J70	P	304	-
I 1653	Six Wheels Coupled Tram Engines Class C53-Brake Arrangement	(1½" to 1') sectional elevations of engine showing power and hand brake arrangement and details	- .12.02	1902	C53	J70	CI-C	304	-
I 1653	Six Wheels Coupled Tram Engines D85 Class- Alteration to Position of Brake Hanger Brackets to Suit Bosses on Brake Hangers	3" to 1' arrangement of brake hangers	7.9.20	1920	D85	J70	P	304	-
Att									
	Six Wheels Coupled Tram Engines Class C53-Brake	3" and 6" to 1' details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1654	Six Wheels Coupled Tram Engines Class C53-Brake Details	Endorsed: altered 10.8.03, 13.5.33 & 27.2.34; work to blue for D85 26.8.20	- .5.03	1903	C53	J70	CI	304	-
I 1655	Six Wheels Coupled Tram Engines Class C53-Rod, Pipe and Clothing Arrangement	1½" to 1' sectional elevations and plan of 0-6-0 tram My comment: poor condition and some loss of detail	2.7.03	1903	C53	J70	PB	303	-
I 1656	Tramway Engines Class C53-Coupling Rod	Full size elevations and plans of rod Endorsed: altered 7.2.22 & 25.10.48	9.8.01	1901	C53	J70	PB	304	-
I 1657	Tramway Engines Class C53-Details of Cab	6" to 1' and full size details of components Endorsed: amended 23.6.03	- .9.01	1901	C53	J70	P-C	210	-
I 1658	Six Wheels Coupled Tram Engines C53 Class-Reversing Gear	3" to 1' arrangement and details of components Endorsed: additional bearing bracket added, undated	28.4.03	1903	C53	J70	CP	304	-
I 1659	Six Wheels Coupled Tram Engines Class C53-Smokebox and Auto Governing Gear	3" to 1' sectional elevations showing arrangement of smokebox and gear Endorsed: undated alteration	- .7.03	1903	C53	J70	PB	304	-
I 1663	Metallic Packing for Piston Rods and Valve Spindles- Tram Engines Class G15	Full size details Endorsed: altered 3.02, 18.8.03, 1.9.03 & 18.1.04	15.8.01	1901	G15	Y6	CP	305	-
I 1665	Frame and Boiler Stay Class C32	3" to 1' elevations and plan of stay	19.7.07	1907	C32	F3	CP	305	-
I 1668	Six Wheeled Bogie for Restaurant Car LM2090	1½" to 1' arrangement of 11'6" wheelbase bogie, 'P' axlebox, length 16'	- .8.01	1901	LM2090	-	PB	252	-
I 1679	Tramway Engines Class C53-Roof Bar	Full size elevation and plan of roof bar Endorsed: altered 6.11.02	27.8.01	1901	C53	J60	CP	305	-
I 1681	Tramway Engines Class C53-Slide Valve	Full size sectional elevations and plan	30.8.01	1901	C53	J70	CI-C	305	-
I 1682	Six Wheels Coupled Goods Engines Class Y14-Tubeplates for Boilers with 1¾In Tubes	3" to 1' elevations of tubeplates for 215 tubes	- .8.01	1901	Y14	J15	CP	303	-
	Six Wheels Coupled Tramway Engines Class C53	Full size details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1684	Six wheels Coupled Railway Engines Class C53- Piston, Piston Rod, Valve Spindle and Guide	Endorsed: altered 13.8.03, 11.8.08, 19.1.18, 14.11.37 & 11.5.48	- .9.03	1903	C53	J70	PB	303	-
I 1691	Stall Pole Shoe and Socket for Horseboxes	Full size details of shoe and socket Endorsed: amended 14.10.01	20.9.01	1901	-	16M	PB	252	-
I 1692	New Injector Gear for Engines No 1 Class	1½" to 1' outline side and end elevation and half plan showing new injector gear and 3" to 1' details of components Endorsed: for engines fitted with new pattern injector work to red 18.7.02	- .9.01	1901	No 1	-	PB	304	-
I 1693	Details of Underframe of Horsebox H53 Class	3" to 1' details of components Endorsed: several alterations	- .10.01	1901	H53	16M	PB	252	-
I 1702	Diagram of Wide Suburban Train	1/8" to 1' outline side elevation and interior plan of 15 coach train comprising BT/3/3/2/2/2 (break point) 2/2/1/1/1/3/3/3/BT	21.11.01	1901	-	-	PB	341	3
I 1723	Tramcars on Stoke Ferry Branch	½" to 1' elevations and interior plans of composite and brake 3rd cars 3'0" wheels, gas lit	- .4.02	1902	-	609C 610C	CP	341	
I 1725	Cross Sections of Suburban Carriage Before and After Conversion	1½" to 1' half section through quarterlight before and after widening from 8' to 9'	17.4.02	1902	-	-	PB	341	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1726	Tramcars on Wisbech Branch	1/2" to 1' side and end elevations of two 4 wheel and two bogie tramcars and interior plans of composite and third class cars	- 4.02	1902	-	600C 603C	CP	341	
I 1729	Diagram Showing Turning Moment on Crank Shaft for 2 or 3 Cylinders	Two sets of diagrams	-	1901	-	-	CP	305	-
I 1730	Ten Wheels Coupled Tank Engine	1 1/2" to 1' outline sectional elevation of 0-10-0T engine, 32'5" over frame, wheelbase 19'8", weight 60 tons, 3 cylinders 18 1/2" x 24", Stephenson's link motion	21.2.02	1902	A55	-	TI-C	301	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 1751	Hackney Downs Mishap-Diagram Showing Probable Position Taken by Wheels and Axle after Fracture on No 1857 3rd Class Carriage	Sketch end elevation of carriage showing axle broken in centre and both wheels inclined outwards, elevation of the two wheels	25.7.02	1902	-	-	PB	341	
I 2202	Ordnance Survey Sheet No 176 Lowestoft	1" to 1' sheet including Lowestoft, Beccles and Halesworth Endorsed: proposed route of bus service from Lowestoft to Southwold, direct or via Wangford, with mileages	-	1897	-	-	P	458	2
I 2203	Ordnance Survey Sheet Essex 27SW	6" to 1 mile sheet including Marks Tey and Copford'	Second 1898	1898	-	-	P	458	2
I 2204	Ordnance Survey Sheet Essex 27NW	6" to 1 mile sheet including Fordham and main line at Stanway	Second 1898	1898	-	-	P	458	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2205	Ordnance Survey Sheet Essex 27NW	6" to 1 mile sheet including Colchester station and northern part of town	Second 1898	1898	-	-	P	458	2
I 2206	Ordnance Survey Sheet Essex 27SE	6" to 1 mile sheet of Colchester including St Botolphs station	Second 1898	1898	-	-	P	458	2
I 2210	Ordnance Survey Sheet Lowestoft X.8.7	Scale 1/1056 Lowestoft, north side of station and yard	First 1885	1885	-	-	P	429	
I 2211	Ordnance Survey Sheet Suffolk 10.7	Scale 1/2500 Carlton Colville and Oulton Broad stations and part of South Side branch	First 1885	1885	-	-	P	429	
I 2212	Ordnance Survey Sheet Lowestoft X.8.12	Scale 1/1056 Lowestoft station, South Side and Inner Harbour	First 1885	1885	-	-	P	429	
I 2213	Ordnance Survey Sheet Suffolk 10.8	Scale 1/2500 Lowestoft town centre, station, South Side and Harbour	First 1886	1886	-	-	P	429	
I 2214	Ordnance Survey Sheet London 4.9	Scale 1/1056 Leyton station	Second 1894-96	1894-96	-	-	P	429	
I 2215	Ordnance Survey Sheet London 4.9I	Scale 1/1056 Temple Mills sidings and the 1896 wagon works added in pencil	Second 1895	1895	-	-	P	429	
I 2216	Ordnance Survey Sheet London 33	Scale 1/2500 Wanstead Flats and Colchester main line near Forest Gate	First 1870	1870	-	-	P	429	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2217	Ordnance Survey Sheet London 4.81	Scale 1/1056 part of Temple Mills Yard	Second 1895	1895	-	-	P	429	
I 2218	Ordnance Survey Sheet London 8.22	Scale 1/1056 Stratford Bridge station and North Woolwich branch	First 1868	1868	-	-	P	429	
I 2219	Ordnance Survey Sheet Essex 73.3	Scale 1/2500 Leytonstone station and Wanstead park area	First 1879	1879	-	-	P	429	
I 2220	Ordnance Survey Sheet Essex 65.15	Scale 1/2500 Snaresbrook station and Wanstead area	First 1881	1881	-	-	P	429	
I 2221	Ordnance Survey Sheet London 8.2	Scale 1/1056 northern part of Stratford Works and Maryland Point station	Second 1895	1895	-	-	P	429	
I 2222	Ordnance Survey Sheet Essex 21.10	Scale 1/2500 area west of Dovercourt and Ramsey Ray Island (later the site of Parkeston Quay)	First 1876	1876	-	-	P	429	
I 2223	Ordnance Survey Sheet London 12	Scale 1/1056 Low Leyton station with part of Temple Mills	First 1870	1870	-	-	P	429	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2224	Ordnance Survey Sheet London 8.12	Scale 1/2500 Stratford station and southern part of Works	Second 1895	1895	-	-	P	429	
I 2225	Ordnance Survey Sheet Norfolk 63.15	Scale 1/2500 Norwich city, Victoria, Trowse and Thorpe GER stations	First 1887	1887	-	-	P	429	
I 2226	Ordnance Survey Sheet London 12	Scale 1/1056 Low Leyton station and part of Temple Mills	First 1870	1870	-	-	P	429	
I 2228	Ordnance Survey Sheet Essex 65.11	Scale 1/2500 George Lane station and parts of Woodford	First 1880	1880	-	-	P	429	
I 2229	Ordnance Survey Sheet Essex 8.11	Scale 1/1056 Stratford Marsh and High Meads area	First 1868	1869	-	-	P	429	
I 2230	Ordnance Survey Sheet London 20	Scale 1/2500 Stratford and the Works, Maryland Point and Stratford Marsh	First 1869	1869	-	-	P	429	
I 2231	Ordnance Survey Sheet London 8.2	Scale 1/1056 northern part of Stratford Works and Maryland Point station	First 1868	1868	-	-	P	429	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2232	Ordnance Survey Sheet Norfolk 33.10	Scale 1/2500 Kings Lynn station, Docks and Harbour branch with branches to Hunstanton, Swaffham and Ely	First 1887	1887	-	-	P	429	
I 2233	Ordnance Survey Sheet London 20	Scale 1/2500 Stratford and the Works, Maryland Point and Stratford Marsh	First 1869	1869	-	-	P	429	
I 2234	Ordnance Survey Sheet London 11	Scale 1/2500 Leyton and Hackney Marshes	First 1870	1870	-	-	P	429	
I 2235	Ordnance Survey Sheet London 6	Scale 1/2500 Lea Bridge station and line northwards	First 1870	1870	-	-	P	429	
I 2236	Ordnance Survey Sheet No 132 Mundesley	1" to 1' sheet including Mundesley as a terminal station	1897	1897	-	-	P	458	2
I 2236	Ordnance Survey Doncaster 277	Scale 1/10560 northern part of Doncaster, Arksey, Kirk Sandall and Long Sandall	First 1854	1854	-	-	P	429	
I 2237	Ordnance Survey Sheet London 19	Scale 1/2500 Victoria Park, Homerton and Hackney stations	First 1870	1870	-	-	P	429	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2238	Ordnance Survey Sheet Essex 67.7	Scale 1/2500 Brentwood station	Second 1898	1898	-	-	P	430	
I 2239	Ordnance Survey Sheet Essex 67.8	Scale 1/2500 main line at Ingrave between Brentwood and Shenfield	Second 1896	1896	-	-	P	430	
I 2240	Ordnance Survey Sheet Essex 70SW, 70SE	Scale 1/1/0560 Hockley and Rochford stations	-	-	-	-	P	430	
I 2241	Ordnance Survey Sheet Middlesex 7.7	Scale 1/2500 Enfield and Bushhill Park stations and part of Cheshunt line	Second 1896	1896	-	-	P	430	
I 2242	Ordnance Survey Sheet London 1, Middlesex 7.11	Scale 1/2500 Lower Edmonton station and Bury Street junction	Second 1895-96	1895-96	-	-	P	430	
I 2243	Ordnance Survey Sheet London 3, Middlesex 7.15	Scale 1/2500 Silver Street on Enfield branch	Second 1894-96	1894-96	-	-	P	430	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2244	Ordnance Survey Sheet London 8, Middlesex 7.13	Scale 1/2500 White Hart Lane station	Second 1894-96	1894-96	-	-	P	430	
I 2245	Ordnance Survey Sheet London 13, Middlesex 7.7	Scale 1/2500 West Green, Seven Sisters, Bruce Grove, Stamford Hill, Tottenham and South Tottenham stations	Second 1894-96	1894-96	-	-	P	430	
I 2246	Ordnance Survey Sheet London 21, Middlesex 7.11	Scale 1/2500 Stamford Hill and St Anns Road stations	Second 1894-96	1894-96	-	-	P	430	
I 2247	Ordnance Survey Sheet London 30, Middlesex 7.15	Scale 1/2500 Rectory Road, Stamford Hill and Clapton stations	Second 1894-96	1894-96	-	-	P	430	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2248	Ordnance Survey Sheet London 40, Middlesex 14.3	Scale 1/2500 London Fields, Hackney Downs and North London Railway to Dalston Junction and southwards	Second 1894-96	1894-96	-	-	P	430	
I 2249	Ordnance Survey Sheet London 51, Middlesex 17.7	Scale 1/2500 Bishopsgate, Bethnal Green and Cambridge Heath stations and North London line	Second 1894-96	1894-96	-	-	P	430	
I 2250	Ordnance Survey Sheet London 58, Middlesex 17.11	Scale 1/2500 Liverpool Street, Bishopsgate, Broad Street and Fenchurch Street lines	Second 1894-96	1894-96	-	-	P	430	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2252	Ordnance Survey Sheet London 22,Middlesex 12.12	Scale 1/2500 Lea Bridge station, Copper Mills and Clapton junctions	Second 1894-96	1894-96	-	-	P	430	
I 2253	Ordnance Survey Sheet London 14, Middlesex 12.8	Scale 1/2500 Black Horse Road, St James Street and Walthamstow stations	Second 1894-96	1894-96	-	-	P	430	
I 2254	Ordnance Survey Sheet London 15	Scale 1/2500 Hoe Street and Wood Street stations	Second 1894-96	894-96	-	-	P	430	
I 2255	Ordnance Survey Sheet Essex 65.10, London 9, 14 & 15 (parts)	Scale 1/2500 line north of Wood Street station	Second 1897	1897	-	-	P	430	
I 2256	Ordnance Survey Sheet Essex 55.6, London 4 & 9 (parts)	Scale 1/2500 Highams Park station	Second 1897	1897	-	-	P	430	
I 2257	Ordnance Survey Sheet Essex 65.2,,Middlesex 7.12 & 16 (parts), London 2 & 4 (parts)	Scale 1/2500 Chingford Goods yard and Hatch Lane	Second 1897	1897	-	-	P	430	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2258	Ordnance Survey Sheet Essex 65.3	Scale 1/2500 part of Chingford branch south of station and Loughton line near Buckhurst Hill	Second 1897	1897	-	-	P	430	
I 2259	Ordnance Survey Sheet Essex 57.15	Scale 1/2500 Chingford station	Second 1896	1896	-	-	P	430	
I 2260	Ordnance Survey Sheet London 41, Middlesex 17.4	Scale 1/2500 Victoria Park, Homerton and Hackney stations	Second 1894-96	1894-96	-	-	P	430	
I 2261	Ordnance Survey Sheet London 42, Middlesex 18.1	Scale 1/2500 Stratford, Stratford Market and Maryland Point stations and Stratford Works	Second 1894-96	1894-96	-	-	P	430	
I 2262	Ordnance Survey Sheet London 53, Middlesex 18.5	Scale 1/2500 Stratford Market depot, North Woolwich line and main line south west of Stratford station	Second 1894-96	1894-96	-	-	P	430	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2263	Ordnance Survey Sheet London 65, Middlesex 18.9	Scale 1/2500 Canning Town station, Thames Wharf and Pepper Warehouses	Second 1894-96	1894-96	-	-	P	430	
I 2264	Ordnance Survey Sheet London 66	Scale 1/2500 Tidal Basin, Custom House and Connaught Road stations and north side of Royal Docks	Second 1894-96	1894-96	-	-	P	430	
I 2265	Ordnance Survey Sheet London 79, Middlesex 18.13	Scale 1/2500 Millwall Junction station and North Greenwich line, Millwall Docks and part of Thames Wharf	Second 1894-96	1894-96	-	-	P	430	
I 2266	Ordnance Survey Sheet London 80	Scale 1/2500 Royal Victoria Dock, Silvertown Tramway and Silvertown station	Second 1894-96	1894-96	-	-	P	430	
I 2267	Ordnance Survey Sheet London 81	Scale 1/2500 south side Royal Albert Dock, Gallions branch and North Woolwich station	Second 1894-96	1894-96	-	-	P	430	
I 2268	Ordnance Survey Sheet London 67	Scale 1/2500 Beckton station, gas works and part of Albert Dock Railway	Second 1894-96	1894-96	-	-	P	430	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2269	Ordnance Survey Sheet Suffolk 75SE	Scale 1/10560 Ipswich town and surrounding area	First 1887	1887	-	-	P	430	
I 2270	Ordnance Survey Sheet Suffolk 82NE	Scale 1/0560 River Orwell south of Ipswich	First 1889	1889	-	-	P	430	
I 2271	Ordnance Survey Sheet Suffolk 75.15	Scale 1/2500 Ipswich station, locomotive depot, Griffin branch and part of Ipswich Dock	First 1884	1884	-	-	P	430	
I 2272	Ordnance Survey Sheet Ipswich 207	Scale 1/10560 Ipswich and district	Second 1898	1898	-	-	P	431	
I 2273	Ordnance Survey Sheet Essex 27.7	Scale 1/2500 Colchester main line at Lexden and Colne valley	Second 1897	1897	-	-	P	431	
I 2274	Ordnance Survey Sheet Essex 27.11	Scale 1/2500 Lexden, west of Colchester	Second 1897	1897	-	-	P	431	
I 2275	Ordnance Survey Sheet Cambridgeshire 54.11	Scale 1/2500 Sawston and Cambridge main line north of Whittlesford	First 1886	1886	-	-	P	431	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2276	Ordnance Survey Sheet Cambridgeshire 59.3	Scale 1/2500 Duxford on Cambridge main line	First 1885	1885	-	-	P	431	
I 2277	Ordnance Survey Sheet Cambridgeshire 54.15	Scale 1/2500 Whittlesford station	First 1886	1886	-	-	P	431	
I 2278	Ordnance Survey Sheet Essex NW Sheet 47	Scale 1/63360 Geological Survey of Great Britain	First 1884	1884	-	-	P	431	
I 2279	Ordnance Survey Sheet Cambridgeshire 47.2	Scale 1/2500 Cambridge central area and northern part of station	First 1888	1888	-	-	P	431	
I 2280	Ordnance Survey Sheet Cambridgeshire 47.6	Scale 1/2500 Cambridge station and branch to Bletchley	First 1888	1888	-	-	P	431	
I 2281	Ordnance Survey Sheet Cambridgeshire 47.3	Scale 1/2500 northern part of Cambridge to Coldhams Lane crossing and old Newmarket line	First 1888	1888	-	-	P	431	
I 2282	Ordnance Survey Sheet Essex 31NE, Hertfordshire 2 and 31 (Part)	Scale 1/10560 Sawbridgeworth and Great Hallingbury	Second 1898	1898	-	-	P	431	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2283	Ordnance Survey Sheet Essex 22NE, Hertfordshire 23 (Part)	Scale 1/10560 Stansted station	Second 1898	1898	-	-	P	431	
I2284	Ordnance Survey Sheet Essex 22SE, Hertfordshire 23 (Part)	Scale 1/10560 Bishops Stortford and main line northwards, part of Braintree branch	Second 1898	1898	-	-	P	431	
I2285	Ordnance Survey Sheet Essex 23NW	Scale 1/10560 Elsenham	Second 1898	1898	-	-	P	431	
I2286	Ordnance Survey Sheet Essex 31.11, Hertfordshire 31.1, 2, 5 & 6 (parts)	Scale 1/2500 Gaston Green, north of Sawbridgeworth	Second 1897	1897	-	-	P	431	
I2287	Ordnance Survey Sheet Essex 31.15, Hertfordshire 31.5, 6, 9 & 10 (parts)	Scale 1/2500 Sawbridgeworth station	Second 1897	1897	-	-	P	431	
I2288	Ordnance Survey Sheet Essex 41.3, Hertfordshire 31.9, 10 & 13 (parts)	Scale 1/2500 Sheering south of Sawbridgeworth	Second 1896	1896	-	-	P	431	
I2289	Ordnance Survey Sheet Hertfordshire 23.6 Second 1898 1/2500	Scale 1/2500 north of Bishops Stortford station and part of Braintree branch	Second 1898	1898	-	-	P	431	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Essex 22.11, 12 & 16 (parts)	part of drainage branch							
I2290	Ordnance Survey Sheet Essex 41.6, Hertfordshire 30.16 & 31.13 (parts)	Scale 1/2500 Harlow station	Second 1897	1897	-	-	P	431	
I2291	Ordnance Survey Sheet Essex 41.2, Hertfordshire 30.12, 30.16, 31.9 & 31.13 (parts)	Scale 1/2500 Harlow Mill station	Second 1897	1897	-	-	P	431	
I2292	Ordnance Survey Sheet London 16	Scale 1/2500 Snaresbrook and George Lane stations	Second 1894-96	1894-96	-	-	P	431	
I2293	Ordnance Survey Sheet Great Yarmouth 132	Scale 1/63360 Great Yarmouth, Lowestoft and north Suffolk area	Second 1899	1899	-	-	P	431	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2294	Ordnance Survey Sheet Saxmundham 191	Scale 1/63360 Saxmundham area	Second 1898	1898	-	-	P	431	
I 2295	Ordnance Survey Sheet Colchester 224	Scale 1/63360 Colchester area showing in red proposed omnibus routes to East Bergholt, West Mersea and Clacton on Sea	Second 1898	1898	-	-	P	431	
I 2296	Ordnance Survey Sheet Braintree 223	Scale 1/63360 route of Kelvedon & Tollesbury shown in red by the Engineers Department 16.11.04, Booklands siding named Moss's siding and Heath siding as Thorns siding	Second 1898	188	-	-	P	431	
I 2297	Ordnance Survey Sheet Epping 240	Scale 1/63360 Epping and Ongar area with some roads in red, purpose unknown	Second 1898	1898	-	-	P	431	
I 2298	Ordnance Survey Sheet Saffron Walden 205	Scale 1/63360 West Essex area	Second 1898	1898	-	-	P	431	
I 2299	Ordnance Survey Sheet Sudbury 206	Scale 1/63360 Sudbury and area northwards	Second 1898	1898	-	-	P	431	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2300-54	Ordnance Survey Sheet No 174 Thetford	1" to 1' sheet including Brandon and Thetford My note: formerly numbered I2330	1897	1897	-	-	P	458	2
I2300	Ordnance Survey Sheet Norwich I61	Scale 1/63360 Norwich and area south west	Second 1898	1898	-	-	P	431	
I2302	Ordnance Survey Suffolk Sheet 10.11	Scale 1/2500 Pakefield, south of Lowestoft	1884 edition	1884	-	-	P	452	2
I2303	Ordnance Survey Suffolk Sheet 10.12	Scale 1/2500 Kirkley and Pakefield, south of Lowestoft	First 1886	1882-3	-	-	P	452	2
I2304	Ordnance Survey Suffolk Sheet 10.3	Scale 1/2500 Normanstone, Lowestoft	First 1885	1885	-	-	P	452	2
I2305	Ordnance Survey Suffolk Sheet 10.4	Scale 1/2500 North Lowestoft	First 1886	1882-3	-	-	P	452	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2307	Ordnance Survey Cambridgeshire Sheet 40.15	Scale 1/2500 Barnwell Junction and Chesterton Junction area showing an area of GER land south of the Mildenhall branch	Second 1903	1885	-	-	P	452	2
I 2308	Ordnance Survey Essex Sheet 52.4	Scale 1/2500 Chelmsford station and town centre	Second 1897	1895	-	-	P	452	2
I 2309	Ordnance Survey Hertfordshire Sheet 23.10, Essex 22.15 & 16 and 31.3 & 4, Parts of	Scale 1/2500 Bishops Stortford	Second 1898	1896	-	-	P	452	2
I 2310	Ordnance Survey Suffolk East 76.2	Scale 1/2500 Woodbridge	Second 1904	1902	-	-	P	452	2
I 2311	Ordnance Survey Wiltshire Sheet 66.11	Scale 1/2500 Salisbury centre	Second 1901	1900	-	-	P	452	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2312	Ordnance Survey Essex Sheet 19.12	Scale 1/2500 Lawford, Manningtree station and junctions	Second 1897	1896	-	-	P	452	2
I2313	Ordnance Survey Suffolk East Sheet 87.8 and Essex Sheet 19.8	Scale 1/2500 Brantram and Manningtree North junction	Second 1904	1902 1896	-	-	P	452	2
I2314	Ordnance Survey Suffolk East Sheet 76.3	Scale 1/2500 Martlesham and railway east of Bealings	Second 1904	1902	-	-	P	452	2
I2315	Ordnance Survey Essex Sheet 28.8	Scale 1/2500 North of Colchester centre including station and Clacton branch	Second 1897	1896	-	-	P	452	2
I2316	Ordnance Survey Essex 65.7	Scale 1/2500 Woodford Green and Woodford station	Second 1897	1895	-	-	P	452	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2317	Ordnance Survey London Sheet 24	Scale 1/2500 Wanstead	Edition 1894-6	1893-4	-	-	P	453	2
I2318	Ordnance Survey London Sheet 23	Scale 1/2500 Leyton, including Leyton. Leytonstone stations and Queens Road goods depot	Edition 1894-6	1893	-	-	P	453	2
I2319	Ordnance Survey London Sheet 33	Scale 1/2500 Manor Park and station, Wanstead station and Wanstead Flats,	Edition 1894-6	1893	-	-	P	453	2
I2320	Ordnance Survey Sheet Essex 65.12, London Sheet 16 (Part)	Scale 1/2500 Barkingside and Claybury areas north of Ilford	Second 1896	1893	-	-	P	453	2
I2321	Ordnance Survey Essex Sheet 58.11	Scale 1/2500 Passingford Bridge	Second 1896	1894	-	-	P	453	2
I2322	Ordnance Survey Essex Sheet 65.4	Scale 1/2500 Buckhurst Hill and station and Chigwell area	Second 1896	1895	-	-	P	453	2
I2323	Ordnance Survey Essex Sheet 65.8	Scale 1/2500 Woodford Bridge and Claybury	Second	1895	-	-	P	453	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
			1896						
I2324	Ordnance Survey London Sheet 16	Scale 1/2500 Snaresbrook and George Lane staions	Edition 1894-6	1893-4	-	-	P	453	2
I2325	Ordnance Survey Essex Sheet 65.11 and London Sheet 15 & 16 (parts of)	Scale 1/2500 George Llane station and Woodford	Second 1897	1894	-	-	P	453	2
I2326	Ordnance Survey Essex Sheet 58.10	Scale 1/2500 Abridge	Second 1896	1895	-	-	P	453	2
I2327	Ordnance Survey London Sheet 43	Scale 1/2500 Forset Gate station and junction, Woodgrange Park station and West Ham area	Edition 1894-6	1893	-	-	P	453	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12328	Ordnance Survey Essex Sheet 66.1	Scale 1/2500 Chigwell and Chigwell Row	Second 1896	1895	-	-	P	453	2
12329	Ordnance Survey Essex Sheet 58.13	Scale 1/2500 Chigwell Lane station	Second 1896	1895	-	-	P	453	2
12330	Ordnance Survey Essex Sheet 58.9	Scale 1/2500 Loughton north of station and Ongar branch	Edition 1896	1895	-	-	P	453	2
12331	Ordnance Survey London Sheet 52 and Middlesex Sheet 17.8	Scale 1/2500 Bethnal Green, Devonshire Street, Coborn Road and Old Ford	Edition 1894-6	1893 1894	-	-	P	453	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2333	Ordnance Survey London Sheet 64 and Middlesex Sheet 17.12	Scale 1/2500 Shadwell, Stepney East and Bow stations south to West India Dock	Edition 1894-6	1893 1894	-	-	P	453	2
I2335	Ordnance Survey Map Sheet No 225 Felixtow	Scale 1" to 1' of Felixstowe and area north	Edition 1893	1898	-	-	P	453	2
I2336	Ordnance Survey Map Sheet No 147 Aylsham	Scale 1" to 1'	Edition 1897	1897	-	-	P	454	2
I2337	Ordnance Survey Map Sheet No 189 Bury St Edmunds	Scale 1" to 1'	Edition 1897	1897	-	-	P	454	2
I2338	Ordnance Survey Map Sheet No 259 Foulness	Scale 1" to 1'	Edition 1894	1894	-	-	P	454	2
I2339	Ordnance Survey Map Sheet No 83 Formby	Scale 1" to 1'	-	1899	-	-	P	454	2
I2339	Ordnance Survey Sheet No 96 Liverpool	1" to 1' sheet including Wirral Peninsular, Birkenhead and Liverpool	1895	1895	-	-	P	458	2
		1" to 1' sheet including Lytham and Southport							

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2339	Ordnance Survey Sheet No74 Southport	My note: two different sheets with the same drawing number	1898	1898	-	-	P	458	2
I2340	Ordnance Survey Map No 148 North Walsham	Scale 1" to 1'	-	1897	-	-	P	454	2
I2340	Ordnance Survey Sheet No 131 Cromer	1" to 1' sheet including Holt, Sheringham and Cromer	1897	1897	-	-	P	458	2
I2341	Ordnance Survey Map Sheets Nos 101 East Retford, 102 Market Rasen, 113 Ollerton & 114 Lincoln	Scale 1" to 1' composite map serving as the key sheet to OS sheets in Lincoln area listed as Nos 12350-1 to 12350-27	-	1898	-	-	P-C	454	2
I2342	Ordnance Survey Norfolk Sheet 63.15	Scale 1/2500 Norwich central area and Norwich Victoria, Thorpe and Trowse stations	-	1880-83	-	-	P	454	2
I2343	Ordnance Survey Wiltshire 66.10	Scale 1/2500 Bemerton and Quidhampton west of Salisbury	Second 1901	1900	-	-	P	454	2
I2344	Ordnance Survey Map Sheets Nos?	Scale 1" to 1' composite sheets of Norfolk, from Watton to the East Coast, including Norwich. Shows proposed route of railway from Swainsthorpe to Geldeston via Loddon and authorised Yarmouth & Gt. Stalham Light Railway	-	c.1880	-	-	P	454	2
I2345	Ordnance Survey Norfolk Sheet 63.16	Scale 1/2500 Thorpe and Trowse, Norwich, part of Trowse station and Wensum station	-	1884	-	-	P	454	2
I2346	Ordnance Survey Norfolk Sheet 93.13 Suffolk West Sheet 7.13	Scale 1/2500 Santon Downham and part of main line west of Thetford	Second 1905	1903	-	-	P	454	2

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2347	Ordnance Survey Norfolk Sheet 92.12	Scale 1/2500 Weeting	Second 1905	1903	-	-	P	454	2
I2348	Ordnance Survey Norfolk Sheet 93.9 and Suffolk West 7.9	Scale 1/2500 Brandon west of station	Second 1905	1903	-	-	P	454	2
I2349	Ordnance Survey Sheet 92.16 and Suffolk West Sheet 6.16	Scale 1/2500 Brandon including station	Second 1905	1903	-	-	P	454	2
I2350 -59	Ordnance Survey Sheets Essex 21SW, 21SE and Suffolk East 89SE	6" to 1 mile sheets including Parkeston, Harwich and Felixstowe	Second 1898	1898	-	-	P	458	2
I2350 -55	Ordnance Survey Sheet No 130 Wells next the Sea	1" to 1' sheet including Burnham Market and Wells	-	1907	-	-	P	458	2

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -54	Ordnance Survey Sheet No 146 Fakenham and No 160 Swaffham	1" to 1' sheets covering west Norfolk	1908	1908	-	-	P	458	2
I2350 -52	Donaldson & Hill's Map of Cape Town	c. 1 to 770 scale street map, being a supplement to their Western Province Directory 1904	1904	1904	-	-	P	458	2
I2350 -53	Supplement to Donaldson & Hills Eastern Province Cape Colony Directory 1904	1" to 50 miles covering area between Cape Town to Johannesburg	1904	1904	-	-	P	458	2
I2350 -1	Ordnance Survey Sheet Nottinghamshire 11.13, Lincolnshire (Parts of Lindsey) 51.13	Scale 1/2500 River Trent and Marton pumping station (part of catchment area for water supply for Pyewipe engine shed)	Second 1899	1899	-	-	P	427	
I2350 -2	Ordnance Survey Sheet Nottinghamshire 15.4, Lincolnshire (Parts of Lindsey) 59.4	Scale 1/2500 Leverton branch GCR and Cottam station (part of catchment area for water supply for Pyewipe engine shed)	Second 1900	1900	-	-	P	427	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -3	Ordinance Survey Sheet Nottinghamshire I6.I, Lincolnshire (Parts of Lindsey) 60.I	Scale I/2500 Brampton Wharf, River Trent and Leverton branch Torksey station GCR (part of catchment area for water supply for Pyewipe engine shed)	Second 1899	1899	-	-	P	427	
I2350 -4	Ordinance Survey Sheet Lincolnshire (Parts of Lindsey) 60.2	Scale I/2500 Torksey Common, Leverton branch GCR and Stow Park (part of catchment area for water supply for Pyewipe engine shed)	Second 1906	1906	-	-	P	427	
I2350 -5	Ordinance Survey Sheet Nottinghamshire I5.8, Lincolnshire (Parts of Lindsey) 59.8	Scale I/2500 Butlers Island, River Trent and Rampton (no railway) (part of catchment area for water supply for Pyewipe engine shed)	Second 1900	1900	-	-	P	427	
I2350 -6	Ordinance Survey Sheet Nottinghamshire I6.5, Lincolnshire (Parts of Lindsey) 60.5	Scale I/2500 Foss Dike Navigation, Torksey Lock and GNR & GER pumping station (no railway) (part of catchment area for water supply for Pyewipe engine shed)	Second 1899	1899	-	-	P	427	
I2350 -7	Ordinance Survey Sheet Lincolnshire (Parts of Lindsey) 60.6	Scale I/2500 Torksey, Foss Dike Navigation and GN&GE line Saxilby parish and Leverton branch GCR (part of catchment area for water supply for Pyewipe engine shed)	Second 1906	1906	-	-	P	427	
I2350 -8	Ordinance Survey Sheet Lincolnshire (Parts of Lindsey) 60.7	Scale I/2500 GN&GE line near junction with Leverton branch GCR in Torksey parish (part of catchment area for water supply for Pyewipe engine shed)	Second 1906	1906	-	-	P	427	
I2350 -9	Ordinance Survey Sheet Nottinghamshire I5.I2, Lincolnshire (Parts of Lindsey) 59.I2	Scale I/2500 Loughterton Marsh and River Trent (no railway) (part of catchment area for water supply for Pyewipe engine shed)	Second 1900	1900	-	-	P	427	
I2350	Ordinance Survey Sheet Lincolnshire (Parts of	Scale I/2500 Foss Dike Navigation and Handwick (no railway)	Second 1906	1906	-	-	P	427	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-10	Lindsey) 60.10	(part of catchment area for water supply for Pyewipe engine shed)	Second 1906	1906	-	-	P	427	
12350 -11	Ordinance Survey Sheet Lincolnshire (Parts of Lindsey) 60.11	Scale 1/2500 GN&GE line, Sykes Junction, junction with Leverton branch GCR in Torksey parish (part of catchment area for water supply for Pyewipe engine shed)	Second 1906	1906	-	-	P	427	
12350 -12	Ordinance Survey Sheet Nottinghamshire 16.14, Lincolnshire (Parts of Lindsey) 60.14	Scale 1/2500 Foss Dike Navigation at Drinsey Nook (no railway) (part of catchment area for water supply for Pyewipe engine shed)	Second 1900	1900	-	-	P	427	
12350 -13	Ordinance Survey Sheet Nottinghamshire 16.15, Lincolnshire (Parts of Lindsey) 60.15	Scale 1/2500 Foss Dike Navigation and Saxilby station (part of catchment area for water supply for Pyewipe engine shed)	Second 1900	1900	-	-	P	427	
12350 14	Ordinance Survey Sheet Nottinghamshire 16.16, Lincolnshire (Parts of Lindsey & Kesteven) 60.16	Scale 1/2500 Foss Dike Navigation and GN&GE line Kesteven sidings (part of catchment area for water supply for Pyewipe engine shed)	Second 1900	1900	-	-	P	427	
12350 -15	Ordinance Survey Sheet Lincolnshire (Parts of Kesteven and Lindsey) 66.13	Scale 1/2500 Foss Dike Navigation adjoining GN&GE line (part of catchment area for water supply for Pyewipe engine shed)	Second 1906	1906	-	-	P	427	
12350 -16	Ordinance Survey Sheet Lincolnshire (Parts of Lindsey and Kesteven) 70.1	Scale 1/2500 Foss Dike navigation adjoining GN&GE line, Skillingthorpe Ferry and Rowland siding (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	
12350 -17	Ordinance Survey Sheet Lincolnshire (Parts of Lindsey and Kesteven) 70.2	Scale 1/2500 Foss Dike Navigation adjoining northern end of Pyewipe sidings (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -18	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 70.5	Scale 1/2500 Skillingthorpe station and Main Drain and western end of Pyewipe sidings LD&ECR (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	
I2350 -19	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 70.6	Scale 1/2500 Pyewipe Junction, Boultham Curve, GN&GE Lincoln Avoiding Line and Holmes Common and Midland Railway (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	
I2350 -20	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 70.7	Scale 1/2500 Lincoln GNR and MR stations and MSLR Market Rasen branch (part of catchment area for water supply for Pyewipe engine shed)	First 1889	1889	-	-	P	427	
I2350 -21	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 70.10	Scale 1/2500 Midland Nottingham branch and GN&GE Avoiding line south of Lincoln (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	
I2350 -22	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 70.11	Scale 1/2500 Honington branch, GN&GE Avoiding line and GN&GE east of Lincoln (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	
I2350 -23	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 70.14	Scale 1/2500 MR Nottingham branch, GNR Honington line and Lincoln gas works siding (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	
I2350 24	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 70.15	Scale 1/2500 GNR Honington branch and Lincoln County Lunatic Asylum (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	
I2350 -25	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 78.2	Scale 1/2500 GNR Honington line, River Witham and Bracebridge brickworks (part of catchment area for water supply for Pyewipe engine shed)	Second 1907	1907	-	-	P	427	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -26	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 78.6	Scale 1/2500 GNR Honington line, Waddington station, Old River Dike and River Witham (part of catchment area for water supply for Pyewipe engine shed)	Second 1905	1905	-	-	P	427	
I2350 -27	Ordnance Survey Sheet Lincolnshire (Parts of Kesteven) 78.10	Scale 1/2500 GNR Honingotn line, River Witham and junction with River Brant (part of catchment area for water supply for Pyewipe engine shed)	Second 1905	1905	-	-	P	427	
I2350 -28	Ordnance Survey Sheet Cambridgeshire (Isle of Ely) 16.1	Scale 1/2500 March town centre, River Nene and part of GER and GN&GE line east of March Purchased 22.1.09	Second 1902	1902	-	-	P	428	
I2350 -29	Ordnance Survey Sheet Cambridgeshire (Isle of Ely) 12.13	Scale 1/2500 GER March station, engine and goods shed, Whitemoor yard and northern part of town	Second 1901	1901	-	-	P	428	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -30	Ordnance Survey Sheet Norfolk 33.10	Scale 1/2500 Kings Lynn town, GER station, branches to Hunstanton, Swaffham and Ely, most of Docks and Harbour branch	Second 1905	1905	-	-	P	428	
I2350 -31	Ordnance Survey Sheet Norfolk 11.15	Scale 1/2500 Cromer, south of station showing East Norfolk line and N&S connection to Runton under construction	Second 1906	1906	-	-	P	428	
I2350 -32	Ordnance Survey Sheet Norfolk 11.11	Scale 1/2500 Cromer town and GER and M&GN stations	Second 1906	1906	-	-	P	428	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12350 -33	Ordnance Survey Sheet Essex 76SE, 77SW, 74NE, 75NW	Scale 1/10560 composite map including Romford, Squirrels Heath, Nelves Park and Hornchurch area showing proposed omnibus routes in red dated September 1910	Second 1897	1897	-	-	P	428	
12350 -34	Ordnance Survey Sheet Essex 60SW, 60SE, 69NE, 68NW	Scale 1/10560 composite map including Billericay and district proposed motor omnibus routes shown in colour September 1910	Second 1898	1898	-	-	P	428	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -35	Ordnance Survey Sheet Essex 74.4	Scale 1/2500 Romford, Hornchurch and Dagenham areas, no railways shown; purchased 20.3.11 (shows part of proposed bus route defined on Dg No I2350-34)	Second 1896	1896	-	-	P	428	
I2350 -36	Ordnance Survey Sheet Essex 66.16	Scale 1/2500 Romford GER and LT&SR stations, Romford Factory and junction with LT&SR Upminster line (shows part of proposed bus route defined on Dg No I2350-34)	Second 1896	1896	-	-	P	428	
I2350 -37	Ordnance Survey Sheet Essex 75.1	Scale 1/2500 parts of Hornchurch, Upminster and LT&SR Upminster line 20.3.11 (shows part of proposed bus route defined on Dg No I2350-34)	Second 1896	1896	-	-	P	428	
I2350 -38	Ordnance Survey Sheet Essex 67.13	Scale 1/2500 Nelves Park, Upminster and Squirrels Heath Road and GER main line east of Romford purchased 20.3.11 (shows part of proposed bus route defined on Dg No I2350-34)	Second 1896	1896	-	-	P	428	
I2350 -39	Ordnance Survey Sheet Norfolk 63.15	Scale 1/2500 Norwich city including Victoria, Thorpe terminal stations, Trowse purchased 11.1.12	Second 1907	1907	-	-	P	428	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -40	Ordnance Survey Sheet Norfolk 63.16	Scale 1/2500 North of Trowse Junction, Wensum Junction and Yarmouth line to Whitlingham station	Second 1907	1907	-	-	P	428	
I2350 -41	Ordnance Survey Sheet Norfolk 75.4	Scale 1/2500 Trowse and Crown Point, no railway shown 2.3.12	Second 1907	1907	-	-	P	428	
I2350 -43	Ordnance Survey Sheet Essex 57.16	Scale 1/2500 Loughton station and goods yard	Second 1896	1896	-	-	P	428	
I2350 -44	Ordnance Survey Sheet Essex 58.5	Scale 1/2500 Theydon Bois station	Second 1896	1896	-	-	P	428	
I2350 -45	Ordnance Survey Sheet Essex 58.1	Scale 1/2500 line between Theydon Bois and Epping	Second 1896	1896	-	-	P	428	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -46	Ordnance Survey Sheet Essex 50.14	Scale 1/2500 Epping station	Second 1896	1896	-	-	P	428	
I2350 -47	Ordnance Survey Sheet Essex 50.10	Scale 1/2500 line between Epping and North Weald	Second 1896	1896	-	-	P	428	
I2350 -48	Ordnance Survey Sheet Essex 50.11	Scale 1/2500 North Weald station	Second 1896	1896	-	-	P	428	
I2350 -49	Ordnance Survey Sheet Essex 50.12	Scale 1/2500 Blake Hall station 1896	Second 1896	1896-	-	-	P	428	
I2350 -50	Ordnance Survey Sheet Essex 51.9	Scale 1/2500 Ongar station 12.6.12	Second 1896	1896	-	-	P	428	
I2350 -56	Ordnance Survey Sheet Norfolk 59.15	Scale 1/2500 Great Yarmouth Vauxhall and Beach stations purchased 11.8.13	Second 1906	1906	-	-	P	428	

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2350 -57	Ordnance Survey Sheet Norfolk 78.3 Suffolk (East) 2.3	Scale 1/2500 Yarmouth town centre including South Town station and M&GN line south of Breydon bridge purchased 11.8.13	Second 1906	1906	-	-	P	428	
I2350 -58	Ordnance Survey Sheet Essex 21.2	Scale 1/2500 Harwich and Dovercourt 22.6.14	Second 1898	1898	-	-	P	428	
I2360 -42	Ordnance Survey Sheet Norfolk 75.3	Scale 1/2500 Trowse Upper and Lower Junctions	Second 1907	1907	-	-	P	428	
I2680	No 9 Exhaust Steam Injector and Throttle Valve Supplementary-Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: Davies & Metcalfe's Dg No 928	5.1.07	1907	-	-	BP	305	-
I2705	Tramway Engines Class C53-Metallic Packing for	Full size elevations and sections of components	2.10.01	1901	C53	170	BP	304	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12703	Piston Rods and Valve Spindles	Endorsed: altered 2.4.03, 18.8.03 & 3.9.03	3.10.01	1901	C33	J70	PB	304	-
12711	Oil Axlebox 'R' for 15 & 20 Tons Coal Wagons	Full size elevations, sections and plans of axlebox for axles with 10" x 5" journals	1.11.01	1901	-	33W 46W	PB	341	3
Att 12714	Safety Valve Lever Four Wheels Coupled Shunting Tank Engine B74 Class	Full size elevation and plan of lever Endorsed: altered to red for B77 class 17.7.14	22.5.13	1913	B74	Y4	P	303	-
12714	Six Wheels Coupled Goods Engines Class P52 with Belpaire Firebox-Safety Valve	Full size elevation and sections and 6" to 1' details of lever Endorsed: altered for D56, S56, E72 & B74 classes	1.10.01	1901	P52	J16	CP	304	-
Att 12714	Safety Valve Lever for T19 Class Engines Fitted with Belpaire Firebox	6" to 1' elevation and plan of lever Endorsed: altered to suit future classes up to E72	1.3.02	1902	T19	-	CI-C	304	-
12721	Axle for 14 Tons Machine Truck	3" to 1' elevation of axle							
12722	Axle for 15 Tons Coal Wagon and 14 Ton Machine Trucks	3" to 1' elevation of axle Endorsed: both these to be turned from axles to Dg No 12712	25.10.01	1901	-	-	PB	341	
12723	Injector Steam Cock P52 Class with Belpaire Boiler	Full size elevation, section and plan of cock Endorsed: altered to suit classes G58, S69, D56, E72 & L77	1.10.01	1901	P52	J16	CI	305	-
12725	Wagon Oil Axlebox for 10Ins x 5Ins Collarless Journal	Full size elevations, sections and plans of axlebox Endorsed: to be designated the 'S' box, work to red for 'T' box and brass for 10" x 4 1/4" journal 1.11.02	17.7.02	1902	-	-	PB	341	
12726	Ashpan Arrangement	3" to 1' arrangement of ashpan with full size details of riveting	20.6.54	1954	-	J17	P	305	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12720	Stripper Arrangement	Endorsed: traced 20.6.56 from original dated 1.11.01	20.6.56	1956	-	J17	-	305	-
12730	Six Wheels Coupled Goods Engines Class P52 with Belpaire Firebox-Safety Valve Casing	Full size elevations, Endorsed: altered 3.9.21 & 7.2.22	1.11.01	1901	P52	J16	PB	303	-
12731	Six Wheels Coupled Goods Engine Class P52, G58, F48 with Belpaire Firebox-Clothing Arrangement and Details	1½" to 1' part side elevation and end elevation at cab end of engine 6" to 1' details of components Endorsed: details only for D56; altered 30.1.02 & 13.11.07	12.11.01	1901	P52	J16	CI	304	-
12732	Wagon Wheels and Axle with 10In x 5In Journals	Full size section through tyre 6" to 1' half elevation of 8 spoke wheel and axle Endorsed: see Dg No 16942 for 20 ton wagon wheel fitted with Gibson ring 22.11.09; 20 ton loco coal wagons	14.11.01	1901	-	-	PB	341	-
12733	Four Wheels Coupled Bogie Express Engines Class F53, D56, S69-Reversing Cylinder and Piston Guide	Full size elevations, section and plan Endorsed: altered 16.8.11 for S69 class	1.11.01	1901	F53 D56 S69	D14 D15 B12	CI-C	303	-
12734	Tenders Class G53-Air Valve for Water Pick Up	Full size elevations, sections and details of valve Endorsed: altered 19.2.02	15.11.01	1901	G53	-	CP	303	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2735	Davies & Metcalfe's Automatic Restarting Injector- Alterations to be Made to No 9 Injector so as to Fit same Pipes as No 10	Full size elevations and plan Endorsed: altered 28.11.01	25.11.01	1901	-	-	PB	303	-
I 2736	Four Wheels Coupled Bogie Express Engines Class F53, D56-Reversing Shaft	Full size details of shaft and 3" to 1' arrangement	- .11.01	1901	F53	D14	CI	303	-
I 2737	Four Wheels Coupled Bogie Express Engines Class F53, D56-Reversing Screw Bracket	Full size elevations and plan Endorsed: for arrangement and details of locking gear (L55) see Dg Nos 13459 and 13460; this drawing superseded by Dg No 13970 18.11.04	2.12.01	1901	F53 D56	D14 D15	PB	303	-
I 2740	Water Pick Up on Tenders Class G53-Arrangement and Details of Scoop Gear and Air Cylinder	1½" to 1' arrangement and 6" to 1' details of fittings	26.11.01	1901	G53	-	PB	305	-
I 2740 Att	Water Pick Up on Tenders-Scoop	3" to 1' elevations of scoop	- .9.06	1906	-	-	CI	305	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2742	Four Wheels Coupled Bogie Express Engines Class F53-Reservoir Footplate	3" to 1' elevations, section and plan of footplate	- .11.01	1901	F53	D14	PB-C	303	-
I2760	Four Wheels Coupled Bogie Express Engines Class F53-Arrangement of Reversing Gear	1½" to 1' part outline side elevation of engine and half plan showing arrangement of gear Endorsed: altered for D56 class 20.8.03	- .12.01	1901	F53	D14	PB	305	-
I2770	Four Wheels Coupled Bogie Express Engines Class F53-Reversing Gear Details	3" to 1' details of components Endorsed: numerous alterations; work to black for L55 & D56 -.03; see Dg Nos 13459 & 13460 for arrangement and details of locking gear; for D56 see Dg No 13972	- .1.02	1902	F53	D14	PB	304	-
I2777	Six Wheels Coupled Coal Engines G58 & E72 Class; Four Wheels Coupled Express Engines D56 & T19 Belpaire Classes- Safety Valve	Full size sectional elevation and plan and 3" to 1' arrangement of lever Endorsed: altered for L77	- .2.14	1914	G58 E72 D56 T19	J17 J18 D15 D13	CI-C	304	-
I2781	Whistle Seating for Engines with Safety Valve to Dg No 12761	Full size details with dimensions for various classes, most recent alteration 6.53 My comment: virtually illegible	- .1.01	1901	-	-	CP	303	-
I2783	Bogie Suburban Brake Third G50	¾" to 1' general arrangement of 6 compartment 46' body and half plan of underframe Endorsed: commode handle altered 31.3.03	22.1.02	1902	G50	S17C	PB	341	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2788	Safety Valve Casing for Engs. F53 Class with Valve to Dg No I2761	Full size elevation and plan Endorsed: Y65 class to blue with safety valve to Dg No I6661; altered 5.8.21	- .1.02	1902	F53	D14	CI-C	303	-
I2791	Casing for Safety Valve to Dg No I2777	Full size elevation and plan Endorsed: altered to include Dg Nos I3617 & I7262 and additional classes to L77	- .1.02	1902	-	-	CI-C	303	-
I2837	Four Wheels Coupled Engines Class T19 Fitted with Belpaire Firebox-Cab and Splashes	1½" to 1' elevations and half plan Endorsed: numerous alterations up to 24.8.21	- .2.02	1902	T19	D13	CI	393	4
I2839	Rod, Pipe and Clothing Arrangement for T19 Class Engines with Belpaire Boilers	1½" to 1' side elevation, end elevation at firebox end and half plan of engine Endorsed: for rod, pipe and clothing arrangement for T19 Belpaire engines with G16 see Dg No I6412	27.3.08	1908	T19	D13	P-C	394	
I2840	Reversing Rod for Engines T19 Class with Belpaire Firebox	Full size details of rod and 1½" to 1' arrangement of rod over leading splasher Endorsed: altered 20.1.04, 22.1.04 and 8.3.05 for engines with G16 bogies	- .2.02	1902	T19	D13	CP	393	3
I2841	Reversing Screw Bracket-T19 Class with Belpaire Firebox	Full size elevations and plan of bracket	- .2.02	1902	T19	D13	CP	393	
I2842	Rod, Pipe and Clothing Details for T19 Class Engines with Belpaire Firebox	Full size details of components Endorsed: altered 28.2.03, 22.11.06, 24.3.08, 13.9.09 and 29.10.25, some in ink and colour	- .3.02	1902	T19	D13	CP	393	3
I2843	Reversing Shaft Bracket for Engines T19 Class with Belpaire Firebox	Full size elevations and plan of bracket Endorsed: for engines T19 with Belpaire firebox and G16 bogie see Dg No I4179 3.3.05	- .3.02	1902	T19	D13	CP	393	
I2844	Footboard for Engines T19 Class with Belpaire Firebox	1½" to 1' arrangement and full size details of components Endorsed: altered 11.5.04, 2.11.26 and 24.1.42	- .3.02	1902	T19	D13	CP	393	3
I2845	Four Wheels Coupled Express Engines T19 Class	1½" to 1' outline side and end elevation and half plan showing arrangement of brakes	- .3.02	1902	T19	D13	PR	394	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2073	fitted with Belpaire Boiler-Brake Arrangement	Endorsed: numerous alterations up to 16.5.22 My note: drawing damaged some loss of details	- .3.02	1902	T19	D13	CI-C	393	4
I 2846	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox-Smokebox	3" to 1' sectional side and end elevation of firebox Endorsed: for T19 Belpaire fitted with G16 bogie see Dg No 13793	- .4.02	1902	T19	D13	CI-C	393	
I 2848 Att	Casting for Corners of Ashpan to Suit Belpaire Boiler with Double Corner Firebox	Full size details of casting Endorsed: altered for D56, T19 and S46 classes with double riveted foundation ring corners and for T19 Belpaire with G16 bogies 13.5.04	- .10.03	1903	-	-	CP	394	3
I 2848 Att	Engines D56-Ashpan Details	Full size elevations and plan of components Endorsed: see Dg No 18237 for E72; altered for class S46 with double riveted foundation ring corners	4.11.03	1903	D56 S46	D15 D14	CP	394	3
I 2854	Four Wheels Coupled Express Engines Class T19, D56, G58, E72 Fitted with Belpaire Boiler-Dome Casing	Full size sectional elevation of casing Endorsed: altered for S69 class 7.7.11, altered for D56 & G58 classes 17.7.03, and G61 6.11.06	- .2.02	1902	T19 D56 G58 E72	D13 D15 J17 J18	CI-C	393	
I 2864	T19 Class Fitted with Belpaire Firebox-Blast Pipe	3" to 1' sections and plan of blast pipe Endorsed: undated alteration	- .2.02	1902	T19	-	CP	393	
I 2876	Arrangement of Model Link Motion	Full size elevation and plan of model motion	4.3.02	1902	-	-	PB	394	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 2898	Four Wheels Coupled Bogie Express Engines Class F53, D56-Diagram of Combined Pressure Gauge for Brake and Reversing Gear Air Reservoirs	Full size elevation of gauge with inscriptions	20.3.02	1902	F53	D14	CP	394	
					D56	D15			
I 2901	Details of Door Balancing Gear for 20 Tons Coal Wagon G54 Class	Full size details of components	- .3.02	1902	G54	46W	CP	341	
I 2909	Dial for Double Air Pressure Gauge	Full size elevation of dial with inscriptions	3.4.02	1902	-	-	CP	394	
I 2919	Four Wheels Coupled Express Engines Class T19 and G72 Fitted with Belpaire Firebox-Cab Front Windows	3" to 1' elevations and sections of right and left windows with full size details of fittings	- .2.02	1902	T19	D13	CI-C	393	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					E72	J18			
12937	Axle Arm and Axle Box, Cap and Nut for Special Van for Carrying Dried Fruit	Full size sections and elevations of arm No 9, 6" to 1' elevation of axle	13.5.02	1902	-	-	CI-C	341	
12943	14 Tons Machine Trucks 154-Hornblock	Full size elevations and plan Endorsed: for stay of F73 and future classes see Dg No 18459	30.5.02	1902	154	63W	PU	341	
12948	Underframe for Travelling Gas Reservoir LM3183, LM3697 & LM6140	1" to 1' general arrangement of 26' underframe and reservoir with 14' wheelbase Endorsed: buffer guide 'E1' to Dg No 20701 for renewals 2.11.17; manhole to at other end for LM6140 and future stock, for manhole see Dg No 9088	14.8.02	1902	LM3183 LM3697 LM6140	63W	PB	341	
12949	Travelling Gas Reservoir-Underframe Details LM3182	3" to 1' details of components	18.8.02	1902	LM3182	63W	PB	341	
12956	Ten Wheels Coupled Tank Engine Class A55-Leading Axle, One per Set	3" to 1' elevation of axle Endorsed: not required for LM3780, see Dg No 12954	- .5.02	1902	A55	-	CP	393	
12957	Ten Wheels Coupled Tank Engine Class A55-Centre Cylinder	3" to 1' elevations, sections and plan of cylinder Endorsed: altered 10.6.02, 10.9.02, 11.11.02 and 20.1.03	20.5.02	1902	A55	-	PB	393	
12958	Ten Wheels Coupled Tank Engine Class A55-Outside Cylinders	3" to 1' elevations, sections and plan of cylinders Endorsed: altered 10.6.02 and 13.8.02	17.5.02	1902	A55	-	PB	392	
12961	Ten Wheels Coupled Tank Engine Class A55-Framing	1½" to 1' elevation and plan showing framing and arrangement of springs with details Endorsed: altered 27.8.02, 2.10.02 and 12.11.02	- .8.02	1902	A55	-	PB	393	
12969	Ten Wheels Coupled Tank Engine Class A55-Coupling Rods	6" to 1' part elevation and sections of rod and 3" to 1' arrangement of assembly Endorsed: altered 16.6.02, 16.7.02 and 8.8.02	- .5.02	1902	A55	-	PB	392	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I2970	Ten Wheels Coupled Tank Engine Class A55-Cylinder and Steam Chest Covers	6" to 1' elevations, plan and sections of covers Endorsed: undated alteration	27.5.02	1902	A55	-	CP	392	
I2973	Ten Wheels Coupled Tank Engine Class A55-End View	1½" to 1' front elevation with sectional view of cylinders	- .12.02	1902	A55	-	PB	393	
I2977	Arrangement of Valve Gear A55 Class	3" to 1' elevation and plan of valve gear Endorsed: pencil record	17.7.02	1902	A55	-	CP	392	3
I2993	Ten Wheels Coupled Tank Engine Class A55-Boiler	1½" to 1' elevations, sections and plan of boiler with full size details of riveting Endorsed: altered: 16.9.02, 21.11.02 and 16.12.02; working pressure 200 lbs per sq in	- .7.02	1902	A55	-	PB-C	392	
I2997	Ten Wheels Coupled Tank Engine Class A55-Cross Section	1½" to 1' cross section through firebox looking towards the smokebox	- .1.03	1903	A55	-	PB	392	
I2998	Ten Wheels Coupled Tank Engine Class A55-Valve Spindle Connections	Full size elevations and plan and 1" to 1' arrangement	- .7.02	1902	A55	-	CP	392	
I3000	Ten Wheels Coupled Tank Engine Class A55-Inside Connecting Rod	Full size part elevations, plan and sections and 3" to 1' plan of complete component Endorsed: undated alteration	- .7.02	1902	A55	-	CP	392	
I3003	Mud Hole Door Ten Wheels Coupled Tank Engine Class A55 & S69	Full size elevations and plan of door Endorsed: altered 27.3.18	- .8.02	1902	A55	-	CI-C	392	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3009	Ten Wheels Coupled Tank Engine Class A55- Arrangement of Outside Motion	3" to 1' elevation and plan of motion	8.8.02	1902	A55	-	CP	392	3
I 3028	Ten Wheels Coupled Tank Engine Class A55-Rod, Pipe & Clothing Arrangement	1" to 1' elevations and half plan of engine Endorsed: altered 22.1.03 & 28.1.03	- .11.02	1902	A55	-	PB-C	392	
I 3030	Ten Wheels Coupled Tank Engine Class A55- Arrangement of Brake	1" to 1' arrangement of brakework shown on outline elevations and half plan of engine Endorsed: altered 19.1.03	- .11.02	1902	A55	-	PB	392	
I 3039	Ten Wheels Coupled Tank Engine-General Arrangement	1½" to 1' sectional side elevation and plan of 0-10-0T Decapod engine	- .12.02	1902	A55	-	PB	301	-
I 3054	General Arrangement of Low Floored Milk Van X53, R57	1½" to 1' general arrangement of 31'6" 6 wheel van with 2'9" diameter wheels Endorsed: altered 24.12.02	13.6.02	1902	X53	22M	PB	339	3
I 3055	Details of Underframe and Body for Low Floored Milk Van X53	3" to 1' details of numerous components Endorsed: altered 11.4.04	7.8.02	1902	X53	22M	PB	339	
I 3056	Low Floored Milk Van X53, R57-Details of Ironwork	3" to 1' details of components	24.7.02	1902	X53	22M	PB	340	
I 3057	Low Floored Milk Van X53-Details of Westinghouse and Hand Brakework	3" to 1' details of components	15.7.02	1902	X53	22M	PB	340	
I 3065	Bearing Spring for Travelling Gas Holder and Low Floored Milk Van	Full size elevation, section and plan of 5 plate spring 4'0¼" centres unloaded	- .7.02	1902	-	-	PB-C	340	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3066	Kelvedon & Tiptree Tramcars-Arrangement of Bearing Spring and Brake Hanging Gear	3" to 1' side elevation of spring arrangement with 2' diameter wheels to Dg No 9496, 'B' axleboxes	- .7.02	1902	-	-	PB-C	340	
I 3067	Arrangement of Steam Brake and Details G40 Class R55, 226, 227, 228, 229, B74	1½" to 1' arrangement of brake and 3" to 1' and full size details of components	7.7.02	1902	G40	Y4	CP	394	3
I 3067 Att	Four Wheels Coupled Shunting Engines 209 Class-Brakework Adjustment	Full size elevation and plan of two adjustable brake rods	9.3.04	1904	209 R55	Y5	PB	394	
I 3070	Bearing Spring for 20 Tons Loco Coal Wagon L54	Full size elevations, section and plan of 7 plate spring	- .7.02	1902	L54	46W	CI-C	340	
I 3071 Part	Diagram of No 8 Right Hand Restarting Injector	Full size outline elevations and plan Endorsed: to fit same pipes as No 9 see Dg No I 3071	13.7.04	1904	-	-	PB	381	3
I 3072	Crank Axle with No 3 Arms	Full size elevations of axle and 1½" to 1' elevation of complete axle for road vehicles Endorsed: altered for float van to D&P 8381 26.10.06	17.7.02	1902	-	-	PB	339	
I 3073	Manger Plates for Horse Boxes M54 Class	3" to 1' elevations and plan of 3 types of plate Endorsed: altered 16.1.08	15.7.02	1902	M54	17M	PB	339	
I 3074	Buffing Springs for 20 Tons Coal Wagons	Full size elevation, section and plan of 9 plate spring 5' centres unloaded Endorsed: altered 7.10.08 & 3.12.14	17.7.02	1902	-	46W	PB	339	
I 3078	Horse Box Body-Elevations and Plan Class M54	1½" to 1' general arrangement of 16'8" horse box body Endorsed: ascending irons and steps (moved to hay compartment end) altered to suit automatic brake communication 20.2.03; label holder altered 26.7.03 from flap door to lower panel at grooms end; shutters to be screwed up 20.7.39	28.7.02	1902	M54	17M	PB	340	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3079	Horse Box Section M54	1½" to 1' sectional side elevation, interior end sections, interior half plan and half plan of framing Endorsed: head rest altered 14.10.07, heater added beneath grooms seat	28.7.01	1901	M54	17M	PB	340	
I 3082	Post Office Van D55-Exterior	1" to 1' general arrangement of 34' body, elevations of each side plan, end and section end elevations end and sectional end elevations	30.7.02	1902	D55	704C	PB	340	
I 3083	Post Office Van D55-Arrangement of Interior	1" to 1' sectional side and end elevations and interior plan showing position of shelving, pigeon holes and equipment in 34' long van	25.9.02	1902	D55	704C	PB	339	
I 3083	Post Office Van D55-Arrangement of Interior	1" to 1' interior elevations and sections Revised: 9.10.02	25.9.02	1902	D55	704C	P-C	181	-
I 3084	Position of Body Bolts, Packing Pads, Gas Reservoirs, etc. on Underframe for Post Office Van D55 Class	1" to 1' outline side and end elevation of underframe showing position of equipment and plan of 33' 10½" steel underframe	- .12.02	1902	D55	704C	PB	339	
I 3085	Ironwork Details for Post Office Van	3" to 1' details of components	3.10.02	1902	D55	704C	PB	340	
I 3088	Arrangement of Underframe for Horse Box Class M54 & H53	1½" to 1' elevations, sections and plan of 16'0"channel steel underframe Endorsed: for step irons see Dg No 13773; end steps removed to opposite end to suit automatic brake communication 20.2.03	29.10.02	1902	M54	17M	PB	340	
I 3090	Body Details for 20 Tons Coal Wagon	1½" & 3" to 1' details of components Endorsed: for M73 and future classes see Dg No 18467 16.5.13	13.9.04	1904	-	46W	PB	340	
I 3093	Travelling Gas Reservoir-Ironwork and Brakework Details LM3182	3" to 1' details of components Endorsed: coupling hook modified 9.8.12 for LM6140 and future classes	6.8.02	1902	LM3182	63W	CP	339	
I 3097	Travelling Gas Reservoir-Filling Valve, Casing and Stay LM3182	Full size details of casing and stay Endorsed: altered for LM6140 and future classes 14.5.12	- .8.02	1902	LM3182	63W	CP	339	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13097	Travelling Gas Reservoir-Alteration to Flap of Filling Valve Casing	Full size elevations of flap	.10.09	1909	-	63W	CI-C	339	
Att									
13099	Standard Carriage Wheel and Axle	Full size section of 3'6½" wheel and details of bolts, 3" to 1' elevation and section of wheelset Endorsed: altered 15.12.02 & 6.2.19	21.8.02	1902	-	-	PB-C	339	
13099	Standard Carriage Wheel and Axle	Full size section of 3'6½" wheel and details of bolts, 3" to 1' elevation and section of wheelset Endorsed: bolts revised 16.7.08	.8.02	1902	-	-	CP	339	
13103	Roof Lamp Holder for Horseboxes M54 Class	Full size elevation and plan of cast iron fitting for 8¼" dia lamp	2.9.02	1902	M54	17M	PB	310	-
13104	No 10 Automatic Restating Injector-Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: copy of Dg No 621A	2.9.02	1902	-	-	BP	270	-
13105	No 11 Automatic Restarting Ejector-Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: copy of Dg No 621	2.9.02	1902	-	-	BP	270	-
13106	No 12 Automatic Restarting Injector-Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: copy of Dg No 661	2.9.02	1902	-	-	BP	270	-
13114	Post Office Van D55-Gangway	3" to 1' elevations and plan of 3' wide gangway and details of fittings	22.10.02	1902	D55	704C	PB	310	-
13116	Six Wheels Coupled Tank Engines Class E22-Metallic Packing for Piston Rods	Full size elevations and plan Endorsed: amended 17.8.03, 18.1.04, 26.6.11, 18.7.12 & 30.4.17	17.10.02	1902	E22	J65	PB	270	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I3117	Trailing Sandboxes for Crane Engines	1½" to 1' side elevation and section of rear part of engine and 3" to 1' and full size details of sandboxes and components	- .10.02	1902	-	J92	CP	270	-
I3118	Bogie Pin Centre Castings	6" to 1' elevations, plan and sections of castings Endorsed: see new Dg No 13699 3.2.02	30.9.02	1902	-	-	PB	309	-
I3120	Details of Brasswork for Post Office Van D55	Full size details of 10 components	14.10.02	1902	D55	704C	PB	309	-
I3121	10 Ton Goods Wagon 3Ft 5 5/8Ins Deep	1½" to 1' general arrangement of 15' body with 6 planks and 3" to 1' details of body ironwork additional to that shown on Dg No 9606 My comment: top plank divided and hinged over side door, not built	8.10.02	1902	-	-	PB	309	-
I3124	Arrangement and Details of Electric Light Fittings on Suburban Carriages	1/8 to 1' outline diagram of 15 coach train showing battery boxes and dynamos, ¾" and 3" to 1' details of components	21.10.02	1902	-	-	PB	309	-
I3124	(Arrangement and Details of Electric Light Fittings on Suburban Carriages)	1/8 to 1' outline diagram of 15 coach train showing battery boxes and dynamos, ¾" and 3" to 1' details of components Endorsed: altered 17.12.02 enlargement of accumulator boxes except for 1st class My comment: this comprises the upper part only of the Dg No 13125 of the same date and therefore has no title block, date or scale	21.10.02	1902	-	-	PB	309	-
I3125	McCallum's Patent Automatic Rod Lengthener for Adjusting Wagon Brake Blocks 10.02	Full size details of components and 1½" to 1' side elevation of GER 15' steel underframe showing arrangement of gear Endorsed: SDO Dg No 2089	- .10.02	1902	-	-	P-C	181	-
I3127	Wax Pot for Post Office Van D55 Class	Full size elevations and plan of cast iron pot	24.10.02	1902	D55	704C	PB	309	-
I3128	Four Wheels Coupled Shunting Engines Class G40- Alteration to Motion Plate and Slide Bars	Full size elevations Endorsed: altered to red 14.3.03; for motion plate see Dg No 9987; bolts to be made of class C steel 25.7.39 My comment: the last alteration required a patch on the drawing to be cleaned with an eraser to enable the paper to take the ink endorsement	- .10.02	1902	G40	Y5	CI	270	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I3136	Label Holders and Clips in Use on Various Railways	Full size elevations of 25 labels holders used by GER, other main line companies and private owners Endorsed: SDO Dg No 2094	27.10.02	1902	-	-	PB	309	-
I3138	Third Class Restaurant Cars C55 Class-Arrangement of Steel Bogie Bolster	1½" to 1' elevations, sections and plan of bolster	11.11.02	1902	C55	414C	PB	309	-
I3139	Standard Axle for Third Class Restaurant Cars and for 12 Tons Machine Wagons A63	3" to 1' elevations of two axles Endorsed: title amended to 'Standard Axle for Bogie Carriages' and extended for use on 4 and 6 wheel carriages and for wagons	30.10.02	1902	C55 A63	414C 24W	CI	309	-
I3146 Ren	Tramway Engines Class C53-Boiler	1½" to 1' elevations and sections of boiler with 6" to 1' sections of riveting detail	- .8.20	1920	C53	J70	P	270	-
I3147	Wheel and Axle for Restaurant Cars	3" to 1' elevation of wheelset and section of wheel and full size section of wheel Endorsed: title altered to 'Wheel and Axle for Bogie Carriages Axle Only for 12 Ton Machines Wagons A63' 29.1.07; altered 16.7.08 and 26.8.10	28.11.02	1902	-	-	PB	309	-
I3165	Curve at Canning Town Bridge	Unscaled plan of the curve to the Pepper Warehouses, varying from 119' to 185' radius and a gradient profile showing grades from 1 to 24 to 1 in 43.5	15.10.02	1902	-	-	CP	270	-
I3171	Foundation Ring and Sling Stays for Tram Engines C53	1½" to 1' plan and full size section of foundation ring Endorsed: altered to red 17.8.03	- .12.02	1902	C53	J70	Cp	269	-
I3180	Bearing Spring for 17 Tons Goods Brake	Full size elevation, plan and section of 7 plate spring 3'6" centres unloaded Endorsed: modified 7.10.08 and 17.3.09, altered to 6 plate 29.10.17	22.1.03	1903	-	2W	PB	309	-
I3203	Bogie Suburban Train-Average Wide Suburban Train-Workmens Train	1/8" to 1' outline plans of 8 coach bogie Enfield set and two 4 wheel 15 coach sets, all 9' wide with details of passenger capacity and lengths	13.1.02	1902	-	-	PB	309	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3224	Diagrams Showing Power Transmitted to Crossheads in 2 and 3 Cylinder Expansion Engines-Turning Moment Diagrams 2 and 3 Cylinder Simple Expansion Engines	A series of diagrams	-. -.03	1903	-	-	Cp	269	-
I 3244	Average of 9 Trips Run on April 26th, 1903-Distance Travelled Equals 660Ft (1/8th of a mile) in 29.9 Seconds-Speed at the End of 29.9 Seconds Equals 30 Miles an Hour	Diagram of speed curve My comment: relates to Decapod tests	3.6.03	1903	A55	-	CP	269	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3289	GE Kelvedon & Tollesbury Light Railway-Diagram of Car Showing Footboards in Relation to Platform	1" to 1' end profile of carriage on 2'9" wheels and section of 12" high platform	16.11.03	1903	-	-	PB	309	-
I 3300	Six Wheels Coupled Tank Engines Classes T18, R24, S24-Brick Arch	1½" to 1' sectional side and end elevation of arch	2.2.06	1906	T18 R24	J66 J67	CP	270	-
I 3327	Diagram Showing Arrangement of Steam Sanding Gear Worked from Regulator Handle	Diagram showing arrangement of gear between cab, sand box and wheels	- .10.04	1904	-	-	PB	269	-
I 3345	Diagram Showing Formation of Trains Running Between Liverpool Street-Yarmouth from 1864 to 1904 Inclusive	1/16" to 1' outline elevations of 5 train formations	30.6.04	1904	-	-	PB	309	-
I 3348	Diagram of LNWR Cos. 25 Ton Boiler Trolley	¾" to 1' outline elevations and plan of 4 wheel trolley with centre pole	18.7.04	1904	-	-	PB	310	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3349	Diagram of Pipes for Alteration to Water Scoop from Steam to Air Power for Express Engines 1880 Class	1½" to 1' outline side and end elevation of tender tank showing scoop and pipework for air operation	5.8.04	1904	S46	D14	PB	270	-
I 3350	Proposed 30 Tons Boiler Trolley	¾" to 1' elevations and plan of articulated trolley on 6 wheels length 23' Endorsed: Mr Gardners requirements shown in red see letter 7.9.04	8.8.04	1904	-	-	PB	310	-
I 3367	Diagram of Gold's Storage System for Heating Carriages	Unscaled elevations and sections of system as applied to engine, tender and carriages	11.1.05	1905	-	-	PB	310	-
I 3380	Six Wheels Coupled Coal Engines F48 Class-Balance Weight Diagrams	1" to 1' elevation of driving wheels and axle and weight diagrams for eccentrics, driving wheel, leading and trailing wheels	- .3.05	1905	F48	J17	CP	269	-
I 3389	-	Wheel diagrams of 4 GNR engines, Claud Hamilton 4-4-0 and GER 0-6-0 showing weight per foot run, driving in tons and total in tons	-	1904	-	-	PB	270	-
I 3401	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Boiler Saddle and Frame Stay	3" to 1' section, plan and elevation Endorsed: copied from a Neilson & Co plan	26.1.03	1903	209 G40 R55	Y5	PB	269	-
I 3402	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Exhaust Pipe Bottom Part	3" to 1' arrangement and full size sections of pipe Endorsed: copied from a Neilson & Co plan	26.1.03	1903	209 G40 R55	Y5	PB	269	-
I 3403	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Hind Cylinder Cover with Glands R & L	Full size end elevation, section and plan Endorsed: for metallic packing see Dg No 13704; copied from a Neilson & Co plan	26.1.03	1903	209 G40 R55	Y5	PB	269	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3404	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Cylinders Cross Section	Full size sections with 3" to 1' details Endorsed: copied from a Neilson & Co plan	- .1.03	1903	209 G40 R55	Y5	PB	269	-
I 3405	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Cylinder Valve Face	Full size plan Endorsed: copied from a Neilson & Co plan	26.1.03	1903	209 G40 R55	Y5	PB	269	-
I 3406	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Cylinder Plan	Full size plan of cylinder Endorsed: copied from a Neilson & Co plan	26.1.03	1903	209 G40 R55	Y5	PB	269	-
I 3407	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Valve Spindle	Full size elevations and section Endorsed: valve spindle altered to black 10.10.08; for engines 228 and 229 piston rod see Dg No 11445; for 209 G40, R55 rod only see Dg No 10248; for 209, G40, R55 piston only see Dg No 11445 12.10.06 Endorsed: copied from a Neilson & Co plan	26.1.03	1903	209 G40 R55	Y5	PB	269	-
I 3408	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Longitudinal Section of Cylinder	Full size longitudinal section Endorsed: for metallic packing see Dg No 13704; copied from a Neilson & Co plan	26.1.03	1903	209 G40 R55	Y5	PB	269	-
I 3420	Six Coupled Goods Engines F48-General Arrangement	1½" to 1' sectional side elevation and plan of framing My comment: drawing untitled, details taken from Shannon card index; drawing damaged, some detail missing	10.2.03	1903	F48	J17	PB-C	269	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3421	Apparatus for Acceleration Experiment Engine No 20	1½" to 1' and full size details of apparatus erected at line side and dimensions for 44 sets	- .2.03	1903	A55	-	CP	270	-
I 3427	21Ft Open Carriage Truck Class B56	1½" to 1' general arrangement of 21' truck on steel channel frames Endorsed: wheelbase altered 12' 4½" to 13'6" and vacuum pipe altered 23.10.11 for D71 and future classes; for underframe for D71 and future classes see Dg No 17905; for Westinghouse pipe and steam heating pipe see Dg No 19988 20.4.15 My note: vacuum pipe altered so it did not project above floor level	6.3.03	1903	B56	7M	PB	310	-
I 3428	21Ft Open Carriage Truck B56-Details of Ironwork	3" to 1' details of 87 components Endorsed: numerous alterations	16.1.03	1903	B56	7M	PB	310	-
I 3429	21Ft Open Carriage Truck B56-Details of Underframe	3" to 1' details of steel components Endorsed: superseded by Dg No 17906	14.3.03	1903	B56	7M	PB	310	-
I 3431	Alteration to Brakework on Tenders Class H14 and Y17	1½" to 1' arrangement of apparatus shown on part of tender and 3" to 1' details of components Endorsed: wrought iron crosshead for brake cylinder added 14.5.06; for alterations and additions see Dg No 16196 5.10.07	- .2.03	1903	H14 Y17	-	PB	270	-
I 3437	Four Wheels Coupled Tank Engines Class P55-Spring Gear Details	3" to 1' details of numerous components My comment: damaged, some detail missing	- .3.03	1903	P55	F5	CI	269	-
Att I 3437	Alteration to Leading Spring Hanger P55 Class	(Full size) details of a bracket link Endorsed: for spring gear details see Dg No 13437, amended 13.11.12	- .2.12	1912	P55	F5	CI	270	-
I 3438	Four Wheels Coupled Tank Engines Class P55-Arrangement of Spring Gear	3" to 1' elevations and plans of spring gear for 4 pairs of wheels My comment: damaged, some detail missing	- .3.03	1903	P55	F5	CI-C	269	-
I 3439	Westinghouse Pipes on Carriage Trucks	1½" to 1' outline part side and end elevation of wood and steel framed trucks showing pipe arrangement	13.2.02	1902	-	-	PB	310	-
I 3442	Low One Horse Lorry D&P666	1½" to 1' general arrangement of 4 wheeled lorry 11'8" outside	- .6.03	1903	D&P 6666	-	P-C	211	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: modified 12.6.06 and 29.7.07							
I 3442	Low One Horse Lorry D&P6686	1½" to 1' general arrangement of 4 wheeled lorry 11'8" long	11.6.03	1903	D&P 6686	-	PB-C	310	-
I 3443	Low One Horse Lorry-Ironwork Details	3" to 1' details of components	28.5.03	1903	D&P 6686	-	PB	310	-
I 3444	Axle Arms and Axles for Low One Horse Lorry	6" to 1' elevation of front axle only My comment: appears to be unfinished, lacking hind axle	- .3.03	1903	-	-	CI-C	310	-
I 3447	Four Coupled Express Engines T19 Belpaire Class- Steam Cock for Sight Feed Lubricators	Full size elevations of lubricator cock Endorsed: plug altered 9.9.09	- .3.03	1903	T19	D13	CP	270	-
I 3448	Diagram of Trevithick's Engine	(1½" to 1') side elevation of engine My comment: a good pencil drawing relatively clean	7.3.03	1903	-	-	CP	270	-
I 3451	Four Wheels Coupled Tank Engines P55 Class- Smokebox	3" to 1' elevations of smokebox and cylinders Endorsed: amended 7.11.04, 24.10.17 & 25.2.07; work to green to for G69	- .4.03	1903	P55	F5	PB	269	-
I 3460	Four Wheels Coupled Bogie Express Engines Class L55-Six Wheels Coupled Express Engines Class D56 and S69-Details of Locking Arrangement for Reversing Gear	Full size details of components Endorsed: keys added 14.10.08; for arrangement see Dg No 13970, for other details see Dg No 13972	- .3.03	1903	P55 D56 S69	F5 D15 B12	CI-C	269	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3468	Four Wheels Coupled Tank Engines P55 Class-Blastpipe	6" to 1' sections and plan Endorsed: for renewal of blast pipe existing patterns to be altered to suit, undated	- .4.03	1903	P55	F5	CI	269	-
I 3471	Alteration to Suspension Gear of Officers Saloon	1½" to 1' outline arrangement of bogie suspension and 3" and 6" to 1' details of components Endorsed: for arrangement of bogie see Dg No I I 507	2.4.03	1903	-	-	PB	313	-
I 3476	Four Wheels Coupled Tank Engines P55-Framing	1½" to 1' side elevation and plan of frame Endorsed: work to blue for G69 23.12.10; amended 28.9.04 and 26.8.05 My comment: damaged, side elevation complete, parts of plan missing	- .4.03	1903	P55	F5	PB	269	-
I 3476 Att	Sketch Showing Alteration to Tank Bottom Plate and Footplating for Engines Class G69	3" to 1' section of foot plating	- .1.11	1911	G69	F6	CP	270	-
I 3479	Six Wheels Coupled Tram Engines Class C53-Smokebox Castings (Exhaust and Steam Pipe Connections)	6" to 1' elevations and sections of castings My comment: virtually illegible	25.4.03	1903	C53	J70	CP	270	-
I 3480	Axle Arm and Axle for Low Pair Horse Lorry	6" to 1' elevation with dimensions for hind and front axles	18.5.03	1903	-	-	PB-C	313	-
I 3481	Cast Steel Buffer Guide for 20 Ton Coal Wagons	Full size elevations of 1' 0 7/8" guide on square base type 'N'	9.4.03	1903	-	46W	CI-C	313	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3489	Tram Engines Class C53-Longitudinal Stays	3" to 1' arrangement of stays and full size details Endorsed: altered 30.4.08 & 18.8.08	- .3.03	1903	C53	J70	CP	270	-
I 3490	Arrangement of Covered Goods Wagon Class F56, I57	1½" to 1' general arrangement of 19'3" wagon Endorsed: for underframe see Dg No 16204 for G64 and future classes; roof supports altered to red for I57 and future classes 10.12.03; for arrangement and details of door fasteners see Dg No 13784; for ironwork details see Dg No 13491; frame and body Dg No 13492; altered to Dg No 16206	- .5.03	1903	F56 I57	47W	PB	313	-
I 3491	Details of Ironwork for Covered Goods Wagon Class F56	3" to 1' details of components Endorsed: numerous alterations	16.7.03	1903	F56	47W	PB	313	-
I 3492	Details of Framing for Covered Goods Wagon F56	3" to 1' details of components Endorsed: for G64 and future stock see Dg No 16206 11.07; altered 25.2.07 for 50 of T62 class My comment: bottom part of drawing missing	2.7.03	1903	F56	47W	PB	313	-
I 3499	Alterations to Details of Gunpowder Vans	Full size details of 5 components, including cast iron notice 1'0¼" x 7 3/8" stating 'Notice No Unauthorised Person is Allowed to Open these Doors'	14.5.03	1903	-	9W	PB	313	-
I 3500	Six Wheels Coupled Tram Engines C53 Class-Feed Pump and Eccentric	Full size elevations and plan My comment: virtually illegible	- .5.03	1903	C53	J70	CP	270	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13504	17 Tons Goods Brakes-Brake Hangers on the 1st 20 Built-Suggested Alteration as these Vehicles come into Shops	(1½" to 1') elevations of rigging on left hand pair of wheels	20.5.03	1903	-	2W	PB	313	-
13512	Untitled	(¾" to 1') outline side elevation of a D56 engine with a liquid fuel tank fitted	29.5.03	1903	D56	D15		362	
13515	20 Tons Goods Brake Class H56 Six Wheeled	1½" to 1' side and end elevations and plan of 17'6" body Endorsed: altered for class U57 8.9.04, altered to black to 22.6.07	9.10.03	1903	H56	49W	PB	313	-
13516	Details of Framing for 20 Tons Goods Brakes H56 Class	1½" and 3" to 1' details of framing members Endorsed: altered for U57 and future classes 7.9.04, altered 29.8.05	19.10.03	1903	H56	49W	PB	313	-
13517	20 Tons Goods Brake-Ironwork Details	3" to 1' details of ironwork Endorsed: altered for U56 and future classes 7.9.04, altered 16.10.07; see Dg No 14360 for F59 and future classes 30.8.05	- .11.03	1903	H56	49W	PB	313	-
13518	Details of Brakework for 20 Tons Goods Brake Class H56	3" to 1' details of brakework Endorsed: superseded by Dg No 16442 for 4 wheeled brakes; numerous alterations	- .9.03	1903	H56	49W	PB	313	-
13519	Cast Iron Weights for 20 Tons Goods Brakes H56 Class	3" to 1' elevations and plans of 4 weights Endorsed: altered for U57; altered 20.7.05 for F59 and future classes	10.7.03	1903	H56	49W	PB	313	-
		Full size elevations and plan of 8 plate spring 4'0" centres unloaded							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13520	Bearing Spring for 20 Ton Goods Brake H56 Class	Endorsed: for bearing spring for 4 wheeled 20 tons goods brakes see Dg No 16440 27.5.08; several alterations	5.6.03	1903	H56	49W	PB	313	-
13521	Buffing Spring for 20 Ton Goods Brake H56 Class (and 4 Wheeled 20 Ton Goods Brake C65 Class)	Full size elevations and plan of 10 plate spring 5'0" centres unloaded Endorsed: altered 27.5.08 and 7.10.08	12.6.03	1903	H56 C65	49W 56W	PB	313	-
13523	Six Wheels Coupled Tram Engines Class C53-Firehole Door	6" to 1' elevations and section of firehole door Endorsed: new protector ring added 14.3.04; see shop copy	- .6.03	1903	C53	J70	CP	361	4
13524	Six Wheels Coupled Tram Engines Class C53, J70 Type-Details of Cylinder Cock Gear	6" to 1' and full size details of numerous components	- .3.33	1933	C53	J70	P	361	
13526	Six Wheels Coupled Tram Engines C53-Blower and Condensing Gear	Full size details of components	- .7.02	1902	C53	J70	CP	361	4
13527	Six Wheels Coupled Tram Engines Class 167-Sand Box for Trailing Wheels	6" to 1' elevations and plan of sandbox	- .1.10	1910	167	J70	CP	361	
	Six Wheels Coupled Tram Engines Class C53 Rod	6" to 1' an full size details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13528	Six Wheels Coupled Tram Engines Class C53-Rod, Pipe and Clothing Details	Endorsed: altered 13.7.08; for steam cocks see Dg No 16916	- .6.03	1903	C53	J70	CI	362	
13529	Six Wheels Coupled Tram Engines Class C53-General Arrangement	1½" to 1' elevations and plan of 0-6-0 tram engine	- .6.03	1903	C53	J70	PB	362	
13530 Ren	Water Pick Up Tenders Class T19-Arrangement and Details of Scoop and Air Cylinder	3" to 1' arrangement of scoop shown in relation to trough and 6" to 1' details of components My note: a clearance of 1¾" between scoop and bottom of steel trough	8.9.08	1908	T19	D13	P	362	
13532	Arrangement of Lagging for Cylinders-Six Wheels Coupled Tram Engines Class C53	3" to 1' elevations and plan of 'mica' lagging	3.7.03	1903	C53	J70	CP	362	
13533 Att	Governing Gear-Details C53	6" to 1' arrangement of indicator and full size details of components	- .7.03	1903	C53	J70	CP	362	
13536	Details of Door Balancing Gear for 20 Tons Coal Wagon G56 Class	Full size details of components	16.6.03	1903	G56	46W	PB	313	-
13540	Light One Horse Trolley D&P6861	1½" to 1' general arrangement of trolley 9'4" body with cover	7.7.03	1903	D&P 6861	-	PB	313	-
13541	Ironwork Details for Light One Horse Lorry D&P6861	3" to 1' details of components Endorsed: altered 15.9.06 and 4.4.07	30.6.03	1903	D&P 6861	-	PB	313	-
13548 Ren	D14 to 16 Trailing and B12 Intermediate Axlebox and	6" to 1' elevations and plans of components Endorsed: altered 19.4.55 and 13.6.55	16.3.56	1956		D14 D15		363	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	D14 to 16 Hornblock		6.3.56	1956		D16 B12		362	
I 3549	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox-Clothing Arrangement	1½" to 1' elevations, plan and cross section of firebox showing clothing Endorsed: altered 17.9.03, 1.1.04, 4.2.04, 6.11.07 and 3.6.08	10.7.03	1903	T19	-	PB	362	
I 3552	Foundation Ring Class J17	3" to 1' arrangement of foundation ring and full size details of riveting	- .4.55	1955	-	J17	P	362	
Ren									
I 3553	Four Wheels Coupled Bogie Express Engines Class D56-Cab and Splashers	1½" to 1' elevations and half plan of cab and splashers Endorsed: altered 28.9.06 My note: badly damaged, details obtained from photo tracing	-9.03	1903	D56	D15	PB	362	4
I 3553	Four Wheels Coupled Bogie Express Engines Class D56-Cab and -Splashers	1½" to 1' elevations and half plan of cab and splashers	15.9.03	1903	D56	D15	PB	362	
I 3560	Arrangement of Third Class Bogie Saloon D57 Class	¾" to 1' side elevation, end and sectional end elevation and plan of 48'3" body Endorsed: fitted with dual brake	- .8.03	1903	D57	22C	PB	313	-
I 3561	General Arrangement of High Sided Wagon with Top Doors 15Ft Steel Underframe	1½" to 1' general arrangement of 15' wagon, 4'0½" deep body with 7 planks Endorsed: half of total number of existing wagons of this type will in future be fitted with brake of ordinary type each side and other half of existing wagons will be fitted with coalition type of brake 15.4.15. For details of coalition type see Dg No 20060 My comment: drawing shows initials GE on sheeting	6.10.03	1903	-	48W	PB	313	-
		3" to 1' details of 16 components and 11 types of bolt							
	Ironwork Details for High Sided Goods Wagon (10								

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13562	Ironwork Details for High Sided Goods Wagon (10 Tons) R56	Endorsed: for other ironwork details see Dg No 8357; for general arrangement see Dg No 13561; altered 1.11.05	1.9.03	1903	R56	48W	PB-C	313	-
13565	Four Wheels Coupled Express Engines Class D56, E72, G58 and T19 Belpaire-Expansion Bracket	Full size details of riveting and 6" to 1' elevation and plan of bracket Endorsed: altered 8.12.03 and 11.6.04	- .9.03	1903	T19 D56 EG72 G58	D13 D15 J18 J17	CI	362	
13569	Four Wheels Coupled Express Engines Class D56 Fitted with Belpaire Firebox-Cab Front Windows	3" to 1' pencil elevations and section of window with ink details	- .9.03	1903	D56	D15	CI	362	4
13575	20 Tons Goods Brake Class H56-Release Spring	Full size elevation of spiral spring	15.9.03	1903	H56	49W	PB	313	-
13578	Conversion of Covered Goods Wagon to Suit Fruit Traffic	1½" to 1' general arrangement of 16'1" covered goods wagon showing removable interior shelves and side vent in place of second plank Endorsed: drawing originally No 7923B, altered to Dg No 13578 12.6.06 My comment: proposal probably not carried out	- .8.03	1903	-	-	PB	313	-
13579	Four Wheels Coupled Bogie Express Engines Class D56-Brake Arrangement	1½" to 1' arrangement of brake and controls in relation to elevations and plan of engine	31.1.16	1916	D56	D15	P	362	
13581	Six Wheel Coupled Tank Engines R24 Class-Arrangement of Firebox Roof	3" to 1' elevations, sections and plan of firebox roof and staying Endorsed: numerous alterations My comment: drawing badly damaged, some details from Shannon	- .9.03	1903	R24	J67	PB	362	4

Ren

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13581 Att	Six Wheels Coupled Tank Engines Class S56- Arrangement and Details of Firebox Roof Sags	3" to 1' arrangement shown on sectional elevations and full size details of stays Endorsed: altered 12.10.08	- .1.04	1904	S56	J69		362	
13582	Six Wheels Coupled Tank Engines Class S56-Firebox Roof Stays, Etc	Full size details of 5 types of stay Endorsed: reference to S56 deleted see Dg No 13581 Attachment for S56, current drawing for boilers to LM's 3521 & 3522 21.10.03	- .9.03	1903	S56	J69	CI	362	
13582 Part	Crown Stay Hangers	Full size elevations and plans of two types of hanger	- .9.03	1903	S56	J69	CI-C	362	
13583	Alteration to Officers Saloon No 48	¾" to 1' part side elevation and plan of 48'3" bogie underframe showing the addition of a new central section 16'5¼" long spliced into original saloon divided into two parts 14'4 7/8" and 16' 3 5/8" long Endorsed: for original saloon see Dg No 11323	- .9.03	1903	-	7C	PB	313	-
13609	No 10 Injector (Brass) S.A. Fig 2	Full size elevations and plan of injector, left hand fitted with No 9 cones, right hand fitted with No 10 cones Copy of Gresham & Craven Ltd plan No 5577.03 dated 9.03	30.9.03	1903	-	-	P	362	
13613	Third Class Carriage of Dining Train Nos 470, 471 & 472 C55	¾" to 1' general arrangement of 55' bogie clerestory carriage body and half plan of underframe	- .9.04	1904	C55	414C	PB	410	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I3615	Arrangement of Brakework for Kelvedon & Tiptree Tramcars	1" to 1' sectional side elevation and plan of frame showing brakework and 3" to 1' details of components	28.10.03	1903	-	605C 606C	PB	410	
I3619	D56 Boilers-Elbow for Vacuum Steam Cock	Full size elevations and plan of elbow	4.10.03	1903	D56	D15	CP	362	
I3623X	Alteration to Six Wheeled Bogie Suburban Carriages to Suit New Electric Light Fittings	1½" to 1' elevations and plan of pulley wheel on axle and 3" to 1' details of truss rods and fittings Endorsed: this sketch to be returned to the drawing office	4.10.03	1903	-	-	OI-C	410	
I3647	Four Wheels Coupled Bogie Express Engines Class D56-Steam Valve, Cock and Bracket for Steam Sanding Gear	Full size elevations and plan of components	- .12.03	1903	D56	D15	PB-C	361	
I3650	Diagram of No 8 Right Hand Injector	Full size outline elevation and plan	-	1903	-	-	P	361	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13651	Four Wheels Coupled Bogie Express Engines Class D56-Motion Arrangement I.	3" to 1' elevations and plan of motion in relation to engine framing	- .11.03	1903	D56	D15	PB	361	3
13652	Six Wheels Coupled Condensing Tank Engines Class S56-Cab and Tanks	1½" to 1' arrangement of cab and tanks Endorsed: altered 29.4.04 and 23.6.08 My note: very poor condition	- .11.03	1903	S56	J69	PB	361	3
13659	Arrangement of First Class Carriage Centre Corridor for Continental Train Class T56	¾" to 1' general arrangement of 50' bogie clerestory carriage body with round topped doors and half plan of frame	- .11.03	1903	T56	117C	PB	410	
13660	Arrangement of First and Second Class Carriages Side Corridor for Continental Train U56 & A57	¾" to 1' general arrangement of 48'3" bogie clerestory carriage body with round topped doors with half plan of frame	2.12.03	1903	U56 A57	118C 311C	PB	410	
13661	Arrangement of Second Class Carriage with Centre Corridor for Continental Train X56	¾" to 1' general arrangement of 48'3" bogie clerestory carriage body with round topped doors and half plan of frame	25.11.03	1903	X56	310C	PB	410	
13662	Arrangement of Composite Kitchen Car for Continental Train B57 Class	¾" to 1' general arrangement of 50' bogie clerestory carriage body and round topped doors and half plan of underframe	12.5.08	1908	B57	3C	P-C	410	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3663	Brake Second Class Carriage for Continental Train Class E57	1" to 1' general arrangement of 32' 6 wheel body with flat elliptical and round topped doors	23.11.03	1903	E57	524C	PB	410	
I 3664	Continental Train-Underframe for Kitchen Car B57, First Class Carriage T56	1½" to 1' half side and end elevations, sections and half plan of underframe showing details of gas reservoirs and brake cylinder	12.2.04	1904	B57 T56	3C 117C	PB	410	
I 3665	Standard Four Wheeled Bogie for Carriages	1½" to 1' side and end elevation, section and plan of 8' wheelbase bogie length 12'7"	- .12.03	1903	-	-	CP	410	
I 3665	Standard Four Wheeled Bogie for Carriages for T, U & X56, A & B57 and Future Classes except H57	1½" to 1' side and end elevation, section and plan of 8' wheelbase bogie length 12'7" Endorsed: for new bolsters see Dg No 15038 for G62 and future classes 27.10.06; for G62 and future classes see Dg No 16024	- .2.04	1904	-	-	PB	410	
I 3667	Brake Van for Continental Train Class C57	1" to 1' general arrangement of 32' 6 wheel body with flat elliptical roof Endorsed: undated alteration to luggage compartment door handles	3.12.03	1903	C57	523C	PB	410	
I 3673	Valve Spindle T18 Class and Renewals E10 and X10, G75	Full size elevation and plan of spindle Endorsed: specification amended 16.7.21	- .12.03	1903	T18 E10 G75	J66 - J68	CI-C	361	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3675	Six Wheels Coupled Tank Engines Class T18, G75 and Renewals E10, R10 and X10-Back Cylinder Cover for Piston Rods with Enlarged Ends	Full size elevations and plan Endorsed: studs altered, undated, altered 18.1.04	- .12.03	1903	T18 G75 E10	J66 J68 -	CI	361	
I 3678	Main Line Tank Engines-Arrangement of Outside Leading and Trailing Axlebox C32	Full size elevations, sections and plan of axleboxes My comment: title originally read: Outside Leading Axlebox for Express Engines Fitted with Controlling Gear Classes T19, L37, D27 Endorsed: altered 22.4.04 and 10.7.06	- .12.03	1903	C32	F3	PB-C	362	
I 3679	Side Bearing Spring Kelvedon & Tiptree Tramcars	3" to 1' elevation, plan and section of 7 plate spring 4'9" centres	15.12.03	1903	-	605C 606C	CI-C	410	
I 3686	Four Coupled Bogie Express Engines Class D56-Boiler with Belpaire Firebox	1½" to 1' arrangement of boiler with elevations, sections and plans and full size details of riveting Endorsed: altered 28.4.07 My comment: drawing badly damaged and ink stained, part of title lacking	-	1903	D56	D15	PB	361	
I 3686 Att	Alterations to Vacuum Brake Arrangement for Engines Fitted with Superheaters T19 Belpaire Class	1½" to 1' arrangement shown in relation to outline of part of engine and 3" and 6" to 1' details Endorsed: altered for class G69 6.11.16	3.12.14	1914	T19	D13	P	361	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3688	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox-Vacuum Brake Arrangement	1½" to 1' arrangement shown on outline elevations of part of engine and 3" to 1' details of brackets Endorsed: altered 7.10.04	4.1.04	1904	T19	D13	PB	361	4
I 3688	Sketch of Firebox Tubeplate with Reduced Diameter Tubes Ends-5 Belpaire Boilers to be fitted with this method	3" to 1' half elevation of tube plate and full size section showing tube ends	2.8.06	1906	T19	D13	CI-C	362	
Att									
I 3688	Back Plate of Belpaire Boiler Showing Altered Position of Firehole and Stays	1½" to 1' half elevation of back plate Endorsed: stays added to chain dots for boilers without LF (liquid fuel)	- .11.07	1907	T19	D13	P	362	
Att									
I 3688	Alteration to D56 Boilers for S46 Class Engines	1½" to 1' part side and end elevation of firebox	2.2.15	1915	S46	D14	P	362	
Att									
I 3690	Details of Ironwork and Accumulator Boxes for Electric Light, Etc of Officers Saloon	3" to 1' elevations and plan of accumulator box and 6" to 1' details of fittings and brackets Endorsed: altered 30.10.05 for class P59 composites; 15.2.06 for 50' carriages classes E, F & G60	14.1.04	1904	F57	23C	PB	410	
I 3692	Four Wheels Coupled Tank Engines Class P55- Arrangement of Motion	3" to 1' elevations and plan of motion in relation to engine framing	13.2.04	1904	P55	F5	PB	361	3
I 3696	Arrangement and Details of Hoops for Large One Horse Van	1" to 1' outline elevation and plan of 4 wheeled van showing arrangement of hoops and 3" to 1' details of brackets Endorsed: altered 29.10.07 for D&P9037 stock	- .1.04	1904	-	-	CI-C	410	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3697	Built Up Crank Axle for Goods Engines Class Y14	3" to 1' elevations of crank axle Endorsed: altered 27.5.12; superseded by Dg No 25443	- .1.04	1904	Y14	J15	PB	362	
I 3699	Cast Iron Details of Four Wheeled Bogie for Carriages	6" to 1' elevations and plans of several components Endorsed: altered 2.11.04, 16.9.09 and 20.10.09; cancelled see later drawing same number 2.7.14	4.2.04	1904	-	-	P	410	
I 3699	Cast Iron Details of Four Wheeled Bogie for Carriages	6" to 1' elevations and plans of several components Endorsed: altered 2.7.14 and 20.10.18	7.8.12	1912	-	-	P	410	
I 3700	Arrangement and Details of Bottom Stepboards on Officers Saloon	¾" to 1' part plan of underframe, 3" to 1' arrangement of accumulator box and full size details of brackets and fittings	21.1.04	1904	F57	23C	PB	410	
I 3701	Standard Bogie Bolster Bearing Springs	Full size details of 2 springs Endorsed: traced from Timmis Dg No T2619	25.1.04	1904	-	-		254	-
I 3704	Four Wheels Coupled Shunting Engines Classes G40, R55, 209-Metallic Packing for Piston Rods and Valve Spindles	Full size arrangement and details of components Endorsed: altered 2.3.04 & 17.3.04	- .1.04	1904	G40	Y5	PB	285	-
I 3707	Six Wheeled Coupled Tank Engines Class S56 & LM's 3521 & 3522-Boiler Working Pressure 180LBs per Sq In	3" to 1' elevations and sections of boiler with full size details of riveting Endorsed: altered 27.9.06, 25.6.07 & 4.10.22	20.2.04	1904	S56	J69	PB	285	-
I 3710	Six Wheels Coupled Goods Engines Class F48-Sand Box for Driving Wheels	3" to 1' elevations and plan of sand box Endorsed: altered 24.3.04 & 21.7.08; modified for class T67 and future engines; for engines fitted with dry sanding gear see Dg No 17542 18.11.10	- .2.04	1904	F48	J16	CI	286	-
I 3711	Splasher Footstep for T19 Belpaire Engines	3" to 1' details of step in position on engine, one only per engine	10.2.04	1904	T19	D13	PB	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13712	Details of Body Ironwork for Main Line Brake Van S57	3" to 1' details of components	22.2.04	1904	S57	532C	PB	254	-
13713	Arrangement of Steam Heating and Electric Light Fittings on Underframes for 48'3" Carriages of Continental Train Classes U & X56 and A57	1½" to 1' elevations and plan of half underframe showing arrangement Endorsed: altered for bogie composites P59 and royal compos E61 30.10.05	25.3.04	1904	U56 X56 A57	118C 310C 311C	PB	254	-
13714	Arrangement of Steam Heating and Electric Light Fittings on Underframes for 50Ft Carriages Continental Train Classes T56 and B57	1½" to 1' elevations and plan of part of underframe	7.3.04	1904	T56 B57	117C 2C	PB	254	-
13715	Details of Fittings for Electric Light and Steam Heating on Continental Train	3" and 6" to 1' details of fittings, battery boxes, etc. Endorsed: numerous alterations	2.3.04	1904	-	-	PB	254	-
13716	Arrangement of Steam Heating and Electric Light Fittings on Underframe for Brake Second of Continental Train also Proposed Arrangement of Electric Light Fittings for Superintendents Saloon Y59	1" to 1' elevations and plan of 31¼" channel steel underframe	24.2.04	1904	E57 Y59	524C 24C	PB	254	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3722	Arrangement of First Class Saloon F57	¾" to 1' general arrangement of clerestory body 48'3" and half plan of underframe	27.2.04	1904	F57	23C	P-C	181	-
I 3722	Arrangement of First Class Saloon F57	¾" to 1' arrangement of 48'3" body with clerestory roof	27.2.04	1904	F57	23C	PB	254	-
I 3728	Arrangement and Details of Gangway for Continental Train T, U & X56, A, B, E57 and Future Stock	3" to 1' arrangement of gangway and 6" to 1' details of components	12.4.04	1904	-	-	PB	254	-
I 3730	Six Coupled Goods F58 Class	1½" to 1' front elevation and section through boiler My comment: purpose not clear, undimensioned	-1904	1904	F48	J16	PB	285	-
I 3738	Arrangement of 10 Tons Boiler Lorry (Steel Body) D&P7174	1½" to 1' elevations and plan of lorry with 13'3" body	19.4.04	1904	D&P 7174	-	PB	254	-
I 3739	Details of Ironwork for 10 Tons Boiler Trolley	3" to 1' details of components for D&P7174	2.6.04	1904	D&P 7174	-	PB	254	-
I 3740	Springs for 10 Tons Boiler Lorry D&P7174	6" to 1' details of two sets of springs	14.4.04	1904	D&P 7174	-	PB	254	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3741	Axles for 10 Tons Boiler Lorry D&P7174	6" to 1' details of front and hind axles	14.4.04	1904	D&P 7174	-	PB	254	-
I 3742	Flexible Hosepipe for Water Pick Up Connections	Full size elevation of hose 2' over nipples	- .3.04	1904	-	-	CP	285	-
I 3743	Main Line Brake Van Class S57	1" to 1' general arrangement of 32' body Endorsed: altered for E58 class 19.7.04 (hand brake column)	- .5.04	1904	S57	532C	PB	254	-
I 3744	Steam Heating for Continental Train-Arrangement of Main, Auxiliary and Branch Pipes on Second Class Carriage X56 Class	¾" to 1' plan, elevation and sections of frame	1.4.04	1904	X56	310C	PB-C	254	-
I 3745	Steam Heating for Continental Train-Arrangement of Main, Auxiliary and Branch Piping	¾" to 1' plans and elevations of underframes for bogie stock	2.2.04	1904	-	-	PB	254	-
I 3758 Att	Four Wheels Coupled Express Engines T19 Class with Belpaire Firebox and S46 Class Bogie-Framing	1½" to 1' side elevation and plan of front part of framing showing proposed alterations Endorsed: not carried out	- .10.04	1904	T19 S46	D13 D14	PB	285	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13758 Att 2	Four Wheels Coupled Bogie Express Engines T19 Fitted with Superheater- Alteration to Leading End of Framing for Engines without Piston Tail Rods	3" to 1' elevation and plan of section of framing	15.6.15	1915	T19	D13	P	285	-
13758 Att 2	Alteration to Leading End of Framing for Engines without Piston Tail Rods-Four Wheels Coupled Bogie Express Engines T19 Fitted with Superheater	3" to 1' elevation and plan of end of frame	- .1.15	1915	T19	D13	P	285	-
13758	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox and G16 Bogie-Framing	1½" to 1' side elevations of framing and plan Endorsed: 11.11.04, 24.2.06 & 29.11.06	25.4.04	1904	T19	D13		286	-
13759	Ejector Steam Cock for Vacuum Brake	Full size elevation, sections and plan of cock Endorsed: altered 12.12.04 10.1.08 & 3.11.16; for 4-6-0 engines Type B12 see Dg No 13759-1E tracing	- .4.04	1904	-	-	CI-C	285	-
13759 -1	4-6-0 Engines Type B12-Ejector Steam Cock for Vacuum Brake	Full size elevation, plan and section of gunmetal cock Endorsed: also for J18 class	3.4.28	1928	-	B12 J18	BP	285	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3766	Cast Iron Buffer Guide for Low Floored Milk Van	Full size sections and elevations of guide type 'P' Endorsed: altered I 6.7.02 & I 6.5.04	- .12.01	1901	-	-	CI-C	341	
I 3767	Six Wheels Coupled Tank Engines Class T18 with Condensing Tanks-Alteration to Tank Stay	Full size elevation and plan	25.4.04	1904	T18	J66	CP	286	-
I 3773	Step Board Brackets for Carriage Stock	6" to 1' details of 6 components for carriage stock and horse boxes Endorsed: foot step leg irons added for M76 & P79	6.5.04	1904	-	-	PB	254	-
I 3776	Arrangement of Vacuum Pipe on Open Carriage Truck	1½" to 1' part side and end elevations showing pipe	10.5.04	1904	-	-	PB-C	254	-
I 3784	Arrangement and Details of Door Fastening on Covered Goods Wagon I57 and Future Classes	3" to 1' elevations and plan of arrangement on double doors and full size details of fastening	21.5.04	1904	I57	47W	PB	254	-
I 3786	Arrangement of Indicator for Scoop on Tenders with 3,500 Gallons Capacity	1½" to 1' outline arrangement of scoop shown on outline elevations of tender and full size details of fittings	- .6.04	1904	-	-	PB	285	-
I 3787	Cast Steel Spring Scroll for 20 Tons Goods Brake Class U57	Full size elevations and plan of component for 6 wheel brake	25.5.04	1904	U57	49W	PB	254	-
I 3788	Spring for Temporary Use on Tram Engines Four Coupled	3" to 1' elevation and section of 7 plate spring 3'0" centres loaded	- .5.06	1906	G15	Y6	CP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13793	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox and G16 Bogie- Smokebox, Blast Pipe and Cylinder Cock Arrangement	3" to 1' sectional side and end elevations Endorsed: altered 19.1.09, 20.1.05, 16.2.06, 18.9.07 & 8.1.32; for other dimensions see Dg No 12846	- .6.04	1904	T19	D13	CI-C	286	-
13803	Four Wheels Coupled Bogie Express Engines T19 Belpaire with G16 Bogie- Leading Splasher	3" to 1' elevation and plan of splasher Endorsed: altered 1.3.07	- .6.04	1904	T19	D13	CI	285	-
13812	Four Wheels Coupled Express Engines Class T19 Belpaire Fitted with G16 Bogie-Cylinder Cock Details	Full size details of components Endorsed: altered 15.8.13	- .8.04	1904	T19	D13	CP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13812	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Superheater-Cylinder Cocks and Connections	Full size elevations and sections of components	- .7.13	1913	T19	D13	P	286	-
Att		Endorsed: altered 14.11.13							
13855	Water Cart D&P 7334	1½" to 1' general arrangement of 2 wheeled cart capacity 250 gallons with sprinkler at rear	4.1.05	1905	D&P 7337	-	P-C	181	-
13855	Water Cart D&P7334	1½" to 1' general arrangement of 2 wheeled cart with sprinkler	4.1.05	1905	D&P 7334	-	-	254	-
13860	Laminated Spring Buffing and Draw Gear for Carriages	1½" to 1' sectional elevations and half plans of steel frames for main line bogie and 6 wheeled carriages and suburban stock Endorsed: altered 25.11.04	27.7.04	1904	-	-	PB	254	-
13866	Details of Laminated Spring Buffing and Drawgear for Carriages	3" to 1' details of numerous components and table of numbers required for specified stock Endorsed: for 164 & 64 and future stock see Dg No 16215 9.07	16.8.04	1904	-	-	PB	254	-
13867	No 8 Automatic Restarting Injector-Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: copy of The Patent Exhaust Steam Injector Co Ltd Dg No 642	9.7.04	1904	-	-	BP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3871	Release Spring for 20 Tons Brake U57 Class	Full size detail of spring	3.8.04	1904	U57	49W	PB	254	-
I 3877	Arrangement of Underframe for Main Line Brake Van E58	1" to 1' elevations, sections and plan of 31'4½" channel frame	5.9.04	1904	E58	532C	P	254	-
I 3881	Details of Alterations to Underframe for Bogie Compo to Suit Laminated Spring Buffing and Draw Gear	3" to 1' details of components	15.8.04	1904	-	-	PB	254	-
I 3882	Details of Alterations to Underframe for Main Line Brake Vans to Suit Laminated Spring Buffing and Draw Gear E58 Class	1½" and 3" to 1' details of components	19.8.04	1904	E58	532C	PB	254	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3884	Wagon Oil Axle Box 'V'	Full size elevations, plan and sections for 10" x 5" journal	8.9.04	1904	-	-	PB	254	-
I 3892	Wide Suburban Second Class Carriage	1" to 1' general arrangement of 27' 5 compartment body with sections	2.9.04	1904	-	308C	PB	254	-
I 3896	Air Valve for Sanding Gear	Full size elevations and sections Endorsed in pencil: Belgian State Railways	28.8.04	1904	-	-		286	-
I 3902	Ironwork Details for One Horse Lorry	3" to 1' details of components Endorsed: holes added 12.6.06	9.9.04	1904	-	-	P-C	222	-
I 3905	Axleguard for 20 Tons Coal Wagon Fitted with 'V' Axlebox	3" to 1' elevations of guard Endorsed: ¾" bolt when fitted with McDermids brake to Dg No 13570	9.9.04	1904	-	46W	P-C	222	-
I 3907	Four Wheels Coupled Express Engines Class T19 with Belpaire Firebox and G16 Bogie-Leading Sandbox	3" to 1' elevations and plan and details of discharge pipe, full size details of lid	- .9.04	1904	T19	D13	PB	285	-
I 3908	Flexible Coupling Between Engine and Tender for Water Pick Up (for Engines Fitted with Large Tenders)	Full size elevations of plan of 1'9½" long hose	- .9.04	1904	-	-	CP	286	-
I 3909	Expansion Joint for Steam and Exhaust Pipes-Six Wheels Coupled Tram Engines Class C53	Full size sections of pipes and fittings	- .9.04	1904	C53	J70	PB	285	-
I 3917	Small One Horse Van-Ironwork Details	3" to 1' details of components Endorsed: holes added 12.6.06	18.10.04	1904	-	-	P-C	222	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13930	Four Wheels Coupled Tank Engines D58 Class-Bracket for Sight Feed Lubricator	Full size elevations and plan of bracket	- .10.04	1904	D58	F5	CP	285	-
13943	Wheels and Axles for 20 Tons Boiler Trolley and 10 Tons Trailer D&P 7407	3" to 1' elevations and sections of 2'5" and 3'4" diameter wheels and axle details Endorsed: cotter hole altered 3.3.05	11.11.04	1904	D&P 7407	-	P-C	222	-
13945	Six Wheels Coupled Goods Engines Class L52 Nos 11170 to 1209-Flange Plate for Supporting Reversing Screw Bracket	3" to 1' elevations and plan	- .10.04	1904	L52	J16	CP	286	-
13948	Wagon Buffers for Steel Underframes	(3" to 1') elevation of buffer and spindle My note: a stores ordering drawing	28.10.04	1904	-	-	P-C	222	-
13949	50Ft Bogie Composite Carriage-Arrangement of Underframe	1½" to 1' arrangement of 49¼" channel steel underframe showing position of 18" vacuum cylinder Endorsed: copy of print sent to the Westinghouse Brake Co 6.10; amended for classes Y67 and C68 My note: original dated 30.10.04, poor condition	- .6.10	1910	-	-	P	223	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13949	48Ft 3Ins Bogie Composite Carriage-Arrangement of Underframe	1½" to 1' arrangement of 47' 7½" channel steel underframe Endorsed P59 class to be fitted with electric light see Dg Nos 13690, 13713, 13715 30.10.05 My note: original dated 30.12.04	- .2.05	1905	-	-	P	223	-
13950	48Ft 3Ins Bogie Composite Carriage P58-Details of Underframe	3" to 1' details of components Endorsed: bolster plates altered 2.10.06	31.12.04	1904	P58	231C	P	223	-
13951	Ironwork Details for 50Ft Bogie Carriage	3" to 1' details of components Endorsed: numerous alterations	17.5.07	1907	-	-	CI	223	-
13954	Six Wheels Coupled Tank Engines Class P29-Expansion Bracket	6" to 1' elevations and full size section Endorsed: Dg No 13954 no shop copy 12.12.49; work to blue for E22 Class with boilers to Dg No 15938 23.5.07	- .11.04	1904	P29	J69	CI-C	286	-
13957	Standard One Horse Lorry	1½" to 1' general arrangement of lorry 11'8" outside Endorsed: holes altered 12.6.06	29.11.04	1904	-	-	P	223	-
13967	Cast Steel Coupling Bracket for 20 Tons Boiler Trolley D&P 7407	Full size elevations and plan of casting	14.11.04	1904	D&P 7407	-	P-C	224	-
13968	Third Class Tramcars for Kelvedon & Tollesbury Branch Nos 212, 716, 728, 775, 777 & 810	1" to 1' general arrangement of 27'0¾" 5 compartment carriage with aisle, end drop plates and 2'9" diameter wheels	11.1.05	1905	-	605C	PB-C	380	-
13968	Third Class Tramcars for Kelvedon & Tollesbury Branch Nos 212, 716, 728, 775, 777 and 810	1" to 1' general arrangement of 27' 5 compartment of carriage	7.1.05	1905	-	605C 606C	P-C	224	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I3970	Four Wheels Coupled Bogie Express Engines Class D56 & Six Coupled Express Engines Class S69- Arrangement of Reversing Screw Bracket	Full size arrangement of bracket, plans and sections undimensioned My comment: drawing badly damaged, date and part of title missing	15.11.04	1904	D56 S69	D15 B12	PB	285	-
I3971	Steam Sanding Valve for Engines F48 Class, T19 Belpaire and Future D56 Class	Full size elevations and plan of valve and details of components D56 D15 Endorsed: altered for air sanding 9.2.09	16.11.04	1904	F48 T19 D56	J16 D13 D15	PB	285	-
I3972	Four Wheels Coupled Bogie Express Engines Class D56: Six Wheels Coupled Express Engines Class S69- Reversing Gear Details	6" to 1' details of components Endorsed: altered 13.5.09 & 27.7.14 My comment: undated details for class S69 added later	- .11.04	1904	D56 S69	D15 B12	PB	286	-
I3973	Expansion Bracket for Engines Classes T26, T19, D27, N31, H33, S29 Renewals for Boilers to Dg No 10289	6" to 1' elevations and plan and full size section Endorsed: various dimension for the different classes	- .11.04	1904	T19 T26 D27 N31 H33 S29	D13 E4 - J14	CI-C	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I3976	Arrangement of 20 Tons Boiler Trolley & 10 Tons Trailer D&P 7407	1½" to 1' general arrangement of 16' long trolley and 6' trailer	19.12.04	1904	D&P 7407	-	P-C	224	-
I3977	Ironwork Details for 20 Tons Boiler Trolley & 10 Tons Trailer D&P 7407	3" to 1' details of components	28.12.04	1904	D&P 7407	-	P-C	224	-
I3981	Brake Third Tramcar No 337 for Kelvedon & Tollesbury Branch	1" to 1' general arrangement of 27" carriage	18.6.07	1907	-	607C	P-C	224	-
I3982	Screw Couplings for Slip Carriages	Full size elevations and plan of coupling Endorsed: superseded by Dg No 32820	- .12.04	1904	-	-	CI	226	-
I4006	Standard 15Feet Wagon-Details of Ironwork for High Sided Wagon	3" to 1' details of components Endorsed: 400 sets let to Oldbury and Dg No 8357C 28.12.97; Dg No 8357C, number altered for Dg No 14006 11.6.06; for complete ironwork details with ordinary standard brakework see Dg No 8357; this copy was made from tracing used for stores ordering purposes only and does not show brakework for which see Dg No 10295	- .12.97	1897	-	17C	P-C	224	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4009	Four Wheels Coupled Bogie Express Engines Fitted with Belpaire Firebox- General Arrangement	1 1/2" to 1' sectional side elevation and plan of engine Endorsed in crayon: only copy in existence	6.1.05	1905	D56	D15	PB-C	286	-
I4012	Expansion Bracket for Engines Classes S46 & F48 Renewals for Boilers to Dg No 11548	6" to 1' elevations and plan of bracket and full size section	- .1.05	1905	S46 F48	D14 J16	CI	286	-
I4014	Liquid Fuel Burning Apparatus Holden's Patent (Standard Steam Fitting Large) for Two Burners	Full size elevations Endorsed: subsidiary Dg No 383 L.F.	- .2.02	1902	-	-	P	286	-
I4015	Holden's New Patent Combined Liquid Fuel Injector and Air Ejector-Locomotive Pattern	Full size elevations and sections Endorsed: subsidiary Dg No 222 L.F.			-	-	PB	286	-
I4016	(Regulator Gear)	Unscaled elevations and plan of regulator gear for liquid fuel My comment: description on reverse of drawing	- .8.00	1900	-	-	PB	286	-
I4023	(untitled)	Elevations of engine and tender of bogie foru coupled express engine No 1900 Claud Hamilton with details of liquid fuel gear Endorsed: on the back of the plan 341 LF	-	1900	S46	D14	-	301	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4037	Cast Steel Axle Box with Detachable Oil Well	Full size elevations and plan of box type 'W' for 8" x 3¾" journal	23.1.05	1905	-	-	P-C	225	-
I4042	Oil Axle Box Type TM	Full size elevations and plan of box for 10" x 5" journal My note: tracing dated 18.6.07	- .5.05	1905	-	-	P-C	225	-
I4056	Six Wheels Coupled Goods Engines Class G58 Fitted with Belpaire Firebox-Clothing Arrangement	1½" to 1' outline of boiler showing arrangement of mats	31.1.05	1905	G58	J17	PB	286	-
I4061	Packing Box for Cast Steel Axle Box with Detachable Oil Well for Carriages	Full size arrangement of plate box	3.2.05	1905	-	-	P-C	225	-
I4062	Adjustable Bogie Spring Hanger S46 Class-Four Wheels Coupled Bogie Express Engines	Full size elevation and plan of hanger Endorsed: altered to red 15.1.09	- .2.04	1904	S46	D14	PB	285	-
I4067	Tank Engines M15 Class on 16 Chain Curve	(1½" to 1') plan of wheels on curve with calculations	24.5.04	1904	M15	F4	CP	285	-
I4068	No 8 Automatic Restarting Injector G.E.Rly Pattern-Davies & Metcalfe's Patent	Full size elevations and plan of right hand injector Endorsed: copy of The Patent Exhaust Steam Injector Co Ltd Dg No 414	28.8.99	1899	-	-	BP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14070	No 8 Automatic Restarting Injector Davies & Metcalfe's Patent Arranged for the G.E.Rly	Full size elevations and plan of injector Endorsed: copy of Dg No 606	1.9.00	1900	-	-	BP	285	-
14071	No 10 Automatic Restarting Injector-Davies & Metcalfe's Patent Specially for the G.E.Rly	Full size elevations and plan Endorsed: tracing shows right hand injector; copy of The Patent Exhaust Steam Injector Co Ltd Dg No 602	26.1.01	1901	-	-	P	286	-
14080	Six Wheels Coupled Tank Engines Class T18 with 180 Lbs Boiler Pressure- Foundation Ring with Double Corners	3" to 1' arrangement of ring and full size details of riveting	17.11.05	1905	T18	J66	CI-C	286	-
14099	Standard Coupling Arrangements for Carriages and Wagons	3" to 1' elevations and plans of couplings between carriages and passenger train stock, between wagons with air brakes and between mineral and goods wagons	21.2.05	1905	-	-	P-C	225	-
14129	Standard Axle Box 'B'	Full size elevations and plan with sections for 8" x 3¾" journals, applicable to carriage stock	- .11.01	1901	-	-	CI-C	226	-
14161	Method of Fastening Toolboxes on Tank Engines	(3" to 1') elevations of tool box in position and (6" to 1') details of brackets	- .2.05	1905	-	-	CI-C	285	-
14179	Four Coupled Express Engines T19 Class with Belpaire Firebox and G16 Bogie-Reversing Shaft Bracket	Full size elevation, section and half plan	28.2.05	1905	T19	D13	CP	286	-
14185	Details of Trailing Sand Gear Class T26	Full size details of components Endorsed: see Dg No 11284 for details of valves	- .3.05	1905	T26	E4	CP	285	-
14186	Arrangement of Holders for Fire Irons, Tools and Etc on Tender Tanks for 3,450 Gallons	1½" to 1' elevations and plan of tender top and 3" to 1' details of fittings Endorsed: altered 2.8.16, 17.1.24, 1.9.24 & 4.9.24	- .4.05	1905	-	-	PB	285	-
14187	Six Wheels Coupled Goods Engines Class S59-Footboard E72	1½" to 1' plans and sections of footboard inside cab and 3" to 1' details Endorsed: altered 2.11.26, 2.10.34 & 24.1.42	- .11.05	1905	S59 E72	J17 J18	CI-C	285	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 4280	Draw Spring for Ballast Wagons	Full size details of 7" diameter volute spring	20.3.05	1905	-	-	PB	294	-
I 4289	20 Tons Boiler Lorry-Draught Bar for Use with Traction Engine	3" to 1' elevation and plan of bar	15.4.05	1905	-	-	PB	294	-
I 4292	25 Ton Machine Truck	1½" to 1' general arrangement of 25'6" truck with 20' wheelbase with inside and outside bearings, 2'10" diameter wheels Endorsed: axleboxes altered to clear LSWR and Caledonian Rly loading gauges see Dg No 16346 2.4.07	15.5.05	1905	H65	27W	PB	293	-
I 4294	Large and Small Torpedo Air Extractors and Regulators	Full size sections and elevations of exterior and interior fittings for carriage stock	- .5.05	1905	-	-	CI-C	294	-
I 4317	Packing Blocks for Stanchions on 20 Tons Goods Brakes and Covered Goods Wagons	Full size elevations, 8 to a set	- .6.05	1905	-	-	PB	293	-
I 4327	Arrangement and Details of Meat Van LM3957	1½" to 1' half interior elevations showing arrangement of meat hooks suspended from horizontal bars and 3" to 1' and full size details of fittings and hooks Endorsed: to be fitted with screw couplings; for further particulars of van see Dg No 13490 general arrangement of covered goods van	- .7.05	1905	LM3957	74W	PB	293	-
I 4335	Four Wheels Coupled Bogie Tank Engine Class S44-Expansion Bracket	3" to 1' arrangement of bracket and full size details of fixing	- .7.05	1905	S44	G4	CP	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4339	G16 Bogies Arranged for 710 Class Rebuilt LM3967 & LM4026	3" to 1' arrangement of 6'3" wheelbase bogie with 3'1" dia wheels	25.7.05	1905	T19	D13	P	260	-
I4345	Arrangement of Underframe for Suburban Carriages 1st, 2nd, 3rd & Brake 3rd Classes	1½" to 1' elevations and plan of 26'10½" channel steel frame for 27" stock Endorsed: buffers altered 26.9.07; S58 & T58, L59 & K59	4.9.05	1905	-	-	PB	293	-
I4352	Details of Brakework for 32Ft and 34Ft 6Ins Underframes for E58 and Future Stock	3" to 1' details of components for 6 wheel stock with channel steel frames Endorsed: altered 21.10.09; also 8.11.11 for elephant van	- .10.07	1907	-	-	CI-C	293	-
I4382	Arrangement of Low Large One Horse Van D&P7965 to Carry 2 Tons	1½" to 1' general arrangement of 4 wheeled cart length 13'2¼" and 8' wheelbase	- .9.05	1905	D&P 7965	-	CP	293	-
I4383	Ironwork Details for Low Large One Horse Van D&P7965	3" to 1' details of components and table of items required My comment: appears to be unfinished	- .11.05	1905	D&P 7965	-	CI	294	-
I4384	Arrangement of Low Pair Horse Lorry D&P7964 to Carry 5 Tons	1½" to 1' general arrangement of flat bed lorry length 16'2½" 10' wheelbase Endorsed: office copy to be inked in; floor boards to be of oak 11.2.30	- .11.05	1905	D&P 7964	-	CP	293	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4385	Arrangement of Hand and Dual Brake on Underframes for Continental Train York & Harwich Services Classes P, R, S, T & X60, A, B, C & D61, etc.	1½" to 1' elevations and plan of frame and running gear and key plan of train formation Endorsed: numerous alterations up to 1916	6.12.05	1905	-	-	P	294	-
I4390	Four Wheels Coupled Tank Engines Class C59- Arrangement of Condensing Gear	1½" to 1' arrangement of gear shown on outline of engine	- .10.05	1905	C59	F4	PB	260	-
I4391	Four Coupled Tank Engines C59 Class-Details of Condensing Gear	3" to 1' details of components Endorsed: several alterations	- .10.05	1905	C59	F4	CP	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14391 Att	Four Wheels Coupled Tank Engines Class G69-Air Vent and Condensing Pipes	3" to 1' details	- .2.11	1911	G69	F6	CP	260	-
14418	Diagram Showing Proposed RCH Arrangement of Screw Coupling Gear for Carriages and Wagons with GE Standard Practice	3" to 1' 3 side elevations showing dimensions of RCH and GE couplings	13.2.06	1906	-	-	CI	294	-
14426	30HP Motor Omnibus	3/8" to 1' side and end elevation of double deck bus Nos 9-15 My comment: a diagram	23.4.06	1906	-	-	CP	293	-
14470	Diagram Showing the Various Lengths of Connecting and Coupling Rods	Table of dimensions cross referenced to drawing numbers	- .10.06	1906	-	-	CI	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 4493	Four Wheels Coupled Tank Engines Class C32 and S44-Bending Moment and Sheering Force Diagrams on 20Ft Span	¼" to 1' and 1/8" to 1 ton diagrams	- .10.06	1906	C32 S44	F3 G4	CP	260	-
I 4545	(Two Tender Frames Loaded with 50Ft Gun)	¼" to 1', ¼" to 1 ton bending moment diagram	-	1906	-	-	CP	260	-
I 4599	S56 Class Engines	¼" to 1', ¼" to 1 ton bending moment diagram on cross girders placed 12' apart	-	1906	S56	J69	CP	260	-
I 4613	Diagrams Showing Positions of Water Scoops below Rail Level when Tenders are Loaded with 5 Tons and Coal and their Tanks full of Water	4 diagrams 3" to 1' scale sectional side elevations of scoops with written instructions for adjustment	23.5.08	1908	-	-	P	260	-
I 4616	Diagram of Deeley's Valve Gear fitted on Express Engine for Midland Railway	Unscaled diagram showing side elevation of motion	2.10.07	1907	-	-	CI-C	260	-
I 4628	Engines E22 or T18 Classes on Two Chain Curve	1½" to 1' diagram Endorsed: reference to Canning Town Goods Yard Dg No 16316	10.12.07	1907	E22 T18	J65 J66	CI	260	-
I 4629	Diagram Showing 25 Ton Machine Truck and L&SW Loading Gauge	1½" to 1' outline end profile of wagon showing LSWR, Caledonian and GER gauges	7.1.08	1908	-	27W	CI-C	293	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 4642	Six Coupled Tank Engine R24 Class on a 2.8 Chain Curve and Six Coupled Tank Engine T18 Class on a 2 Chain Curve	1½" to 1' diagrams	19.3.08	1908	R24	J67	CP-C	260	-
I 4656	Diagram of Wheels Showing Arrangement of Balancing Four Wheels Coupled Bogie Express Engines D56 Class	1½" to 1' diagrams of driving and trailing wheels	25.7.08	1908	D56	D15	P-C	260	-
I 4663	Avenue Bridge Wroxham	½" to 1' half profile of over bridge showing construction and loading gauge for GE and GC Railways against bridge portal Endorsed: see correspondence re GC composite carriage No 1299 ventilator top fouling bridge 17.9.08	21.9.08	1908	-	-	CI	293	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14684	Flaman's Speed Recorder 3.09 - - Boyer Speed Recorder	Full size elevations and sections of recorder with list of parts indexed to drawings	- .3.09	1909	-	-	P	260	-
14707	Bogie Corridor Third Class Carriage G60 Class	¾" to 1' general arrangement of 50' clerestory carriage body with interior corridor and details of interior Endorsed: altered 13.12.05	1.11.05	1905	G60	417C	PB	294	-
14708	Bogie Corridor Composite Carriage E60	¾" to 1' general arrangement of 50' clerestory carriage body with interior details Endorsed: built with elliptical roofs see Shop Copy of Dg No 14709; to be fitted with dual brake and electric light	6.11.05	1905	E60	223C	PB	294	-
14712	Wheel and Axle for Ballast Wagon X59 Class (Open Spoked with Wrought Iron Boss)	6" to 1' and full size half elevation and section of 2'2" diameter wheel with 6 spokes Endorsed: drawing redated 4.06 for class L68	30.10.05	1905	X59	57W	PB	294	-
14715	Cross Section Through First and Third Class Carriage Seats	3" to 1' cross section showing details of seat construction and arrangement of upholstery	- .11.05	1905	-	-	PB	293	-
14728	Combined Elbow and Cock for Water Pick Up on Express Engines	Full size details of cock Endorsed: amended 29.10.06	9.11.05	1905	-	-	P-C	260	-
14728	Six Wheels Coupled Express Engines Class S69-Elbow, Air Cock for Water Scoop Gear	Full size arrangement of components	8.11.11	1911	S69	B12	P	260	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4732	Half Steel Tube Plate for Belpaire Boilers	1½" to 1' arrangement of tube plate and full size details	- .11.05	1905	-	-	PB	260	-
I4733	General Arrangement of Low Floored Ballast Wagon	1½" to 1' general arrangement of 13'4" wagon on 2'2" diameter wheels, centre link coupling and 1/8" to 1' diagram of ballast train Endorsed: altered 25.4.06; altered 11.9.07 for L63 and future classes; axlebox modified 17.8.21 for DI type	- .11.05	1905	X59	57W	CI-C	293	-
I4734	Arrangement of Guard Truck for Ballast Train Classes X59, L63	1½" to 1' general arrangement of 13'4" wagon on 2'2" diameter wheels with conventional buffing gear at one end Endorsed: altered 25.4.06; altered 11.9.07 for L63 and future classes; axlebox modified 19.8.21 for DI type	5.12.06	1906	X59	57W	CI-C	293	-
I4735	Details of Underframe, Etc for Low Floored Ballast X59, L63	1½" and 3" to 1' details of components Endorsed: altered 11.9.07 & 7.11.07	- .4.06	1906	X59	57W	CI	294	-
I4739	No 9 Exhaust Steam Injector and Throttle Valve Supplementary Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: copy of D&M Dg No 928	-	1905	-	-	BP	260	-
I4747	Templates for Ballast Wagon Wheels X59 Class	6" to 1' and full size details of templates	- .11.05	1905	X59	57W	CI-C	293	-
I4755	Six Wheels Coupled Goods Engines Class A60-Coupling Rods	Full size elevations and plan	- .12.05	1905	A60	J15	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4782	York & Harwich Continental Train-Arrangement of Kitchen Car P60 Class	¾" to 1' general arrangement of 50' carriage body and details of interior	31.1.08	1908	P60	25C	CI-C	294	-
I4791	Arrangement for Continental Train (York and Harwich Service) P60 Class	¾" to 1' interior elevations and section showing fittings and furnishings	- .3.06	1906	P60	25C	CI-C	294	-
I4792	Arrangement and Details of Plate and Saucer Racks, Tank Hangers and Grids for Refrigerator of Kitchen of Continental Train P60 Class	3" to 1' elevations and plans of racks and grids Endorsed: altered to red 18.2.07 for L62 for Cromer train	- .3.06	1906	P60	25C	CI-C	293	-
I4794	Section of Standard Roof for Main Line Carriages	3" to 1' section through corridor and compartment of body with elliptical roof Endorsed: work to red for 6 wheeled brake vans L64 27.9.07	23.1.07	1907	-	-	CI-C	294	-
I4797	50'0" Bogie Carriages E, F & G60-Details of Underframes	3" to 1' elevations and plan of underframe My comment: very poor 25% missing including title, includes details of platework for 50' carriage stock, including classes I61 & K61;	- .1.06	1906	-	-	PB	293	-
I4798	Arrangement of Holders for Fire Irons, Tools, etc on Tenders Class H14, S23	1½" to 1' part side elevation and plan of tender with 3" to 1' details of components Endorsed: altered 22.8.16 and 17.1.24	- .1.06	1906	H14 S23	-	CI-C	260	-
I4807	Wagon Oil Axle Box 'X' M & N60, R61	Full size elevations, sections and plan of box for 3¾" x 8" journals Endorsed: several alterations	18.7.06	1906	M60 N60	15W 1W	CI-C	294	-
I4811	Arrangement of Holders for Fire Irons on Tenders Class R43	1½" to 1' part side elevation and plan of tender with 3" to 1' details of components Endorsed: altered 22.8.16	- .1.06	1906	R43	-	CI-C	260	-
I4816	Arrangement of Holders for Fire Irons on Tenders T46	1½" to 1' arrangement on part elevation and plan of tender and 3" to 1' details Endorsed: altered 22.8.16 and 17.1.24	- .2.06	1906	T46	-	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14826	Express Engines Class T19 with Belpaire Firebox- Arrangement of Steam Heating Apparatus	1 1/2" to 1' arrangement shown on elevations and plan of engine and full size details Endorsed: modifications for engines fitted with Vacuum brake; for steam heating pipe to leading end see Dg No 17560; altered for D56 with the Vacuum brake 8.7.09	- .2.06	1906	T19	D13	CI-C	260	-
14828	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, Y14 & K15-Leading and Trailing Axle and Crank Pin	Full size crank pin and 3" to 1' axle Endorsed: Part Copy Dg No 3515 and Part Copy Dg No 4037 renumbered Dg No 14828 30.2.06; altered 3.9.89 and 20.12.30	2.9.82	1882	Y14	J15	TI-C	260	-
14831	Arrangement of Combined Vacuum and Hand Brake on 16Ft Covered Goods Wagon M60 Class	1 1/2" to 1' elevations and plan of frame showing arrangement of brake gear	7.10.08	1908	M60	I5W	CI-C	294	-
14836	Six Wheels Coupled Goods Engines (Y14 Class after A60) Balance Weights in Cast Steel Wheels	3" to 1' elevations of driving, leading and trailing wheels	- .2.06	1906	Y14	J15	CI-C	260	-
14838	Six Wheels Coupled Goods Engines Class G58 with Belpaire Firebox-Rod, Pipe and Clothing Arrangement	1 1/2" to 1' elevations and plan of engine	- .2.06	1906	G58	J17	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14855	Tinned Copper Cold Water Tanks Harwich & The North Continental Trains	1½" to 1' elevations and plans of 3 types of tank Endorsed: altered for subsequent stock	7.3.06	1906	-	-	PB	293	-
14866	Tender Axle	3" to 1' arrangement of axle and full size details Endorsed: these axles have enlarged wheel seats to suit leading wheels taken from engines 710 class and used under large standard tenders	31.3.06	1906	-	-	CI-C	260	-
14872	York & Harwich Continental Train-Arrangement of WH and Vacuum Brake and Steam Heating Couplings	3" to 1' elevation, section and plan showing arrangement of couplings in relation to safety chains and screw couplings Endorsed: altered 16.11.06 & 10.4.34	20.3.06	1906	-	-	CI-C	294	-
14896	Asbestos Clothing for Four Coupled Bogie Express Engines Class D56	1½" to 1' details of 11 mats	- .4.06	1906	D56	D15	CI	260	-
14901	Six Coupled Tank Engines Class T18 Double Riveted Foundation Ring Corners-Ashpan	3" to 1' arrangement of ashpan	- .4.06	1906	T18	J66	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4906	Asbestos Clothing for Four Coupled Bogie Tank Engines S44 Class	1½" to 1' details of 9 mats	- .4.06	1906	S44	G4	CI	260	-
I4908	Asbestos Clothing Six Coupled Tank Engines with Boiler to Dg No 10588 Class T18	1½" to 1' details of 8 mats	30.4.06	1906	T18	J66	CI	260	-
I4920	Brake Release Spring for Covered Goods Wagons Fitted with Vacuum Brake	Full size arrangement of spring on vacuum cylinder lever	10.5.06	1906	-	-	CI-C	292	-
I4925	Details of Combined Hand and Vacuum Brake for 10 Tons Goods Brake N60	3" to 1' details of components Endorsed: altered 5.9.07	23.5.06	1906	N60	IW	CI-C	291	-
I4927	Four Wheels Coupled Bogie Express Engines D56 Class-Smokebox	1½" to 1' sectional elevations of smokebox, chimney and cylinders Endorsed: several modifications	- .5.06	1906	D56	D15	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4929	Alteration to Spring Gear for 10 Tons Goods Brake when Fitted with Vacuum Brake	Full size elevations and plan of scroll iron Endorsed: original title was '10 Tons Goods Brake-Proposed Scroll Iron'	19.5.06	1906	N60	IW	CI-C	291	-
I4933	One Horse Float Van D&P838I	1" to 1' general arrangement of 4 wheeled van 14'8¼" length outside	11.6.06	1906	D&P 838I	-	CI-C	291	-
I4934	Ironwork Details for One Horse Float Van D&P838I	6" to 1' details of components Endorsed: altered 3.9.07	6.6.06	1906	D&P 838I	-	CI-C	291	-
I4935	10 Tons Goods Brake Fitted with Vacuum Brake N60-Brake Release Spring	Full size detail of spring attached to vacuum cylinder lever	2.5.06	1906	N60	IW	CI-C	291	-
I4936	Arrangement of Dual Communication Valve	1½" to 1' end elevation of clerestory carriage body with apparatus fitted and full size elevations of valve Endorsed: dual communication valve as supplied by The Passenger Communication Co; former Dg No 50CD	28.11.03	1903	-	-	PB	291	-
I4950	Screw Jack	6" to 1' sectional elevation and plan of cast iron screw jack 2'4¾" high on 9½" dia base, cast handles on each side	- .5.06	1906	-	-	CI-C	260	-
I4951	Four Wheels Coupled Tank Engines Class C32 Condensers-Arrangement and Details of Spark Arrestor and Alteration to Condensing Gear	3" to 1' arrangement of spark arrestor and 6" to 1' details	- .5.06	1906	C32	F3	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4952	Sketch of Buffer Fitted to Messrs. Wright & Jacksons 8 Ton Coal Wagon Converted from Dead to Live Buffers	6" to 1' sectional side elevation and plan of self contained buffer fitted to headstock	2.6.06	1906	-	-	CI-C	291	-
I4953	Arrangement of Third Class Carriage	¾" to 1' general arrangement of 50' body with internal corridor carriage with lavatories Endorsed: I61 not built to this 3.1.10	30.6.06	1906	I61	-	CI-C	291	-
I4958	Arrangement of Carriage for Royal Guests E61	¾" to 1' general arrangement of 48'3" composite body	28.6.06	1906	E61	228C	P-C	181	-
I4964	Condensers for Gas Works	½" to 1' arrangement of group of 3 condensers in line 15'3" high and 3" to 1' details	- .6.06	1906	-	-	CP	260	-
I4975	20 Tons Goods Brake Van Underframe Class U57	1½" to 1' arrangement of 6 wheel 17'6" underframe, 10'3" wheelbase Endorsed: oil boxes 'X' type to be fitted to S63 and future classes 12.9.07 ('O' type previously fitted); altered 31.12.07 & 20.6.11	- .10.05	1905	U57	49W	PB	291	-
I4976	Four Wheels Coupled Bogie Express Engines Class D56-Framing	1½" to 1' side elevation and plan of framing for 4-4-0 engine My note: very poor, torn condition, title panel missing	11.10.06	1906	D56	D15	CI-C	216	-
I4977	Wagon Buffing Spring	Full size elevation, section and plan of 10 plate spring 4'11" unloaded Endorsed: these springs first used on R61; work to red for steel buckles 20.4.14; altered 6.10.08 & 29.1.14	- .7.06	1906	-	-	CI-C	291	-
I4978	Standard 10In (Pintsch) Carriage Gas Lamp	Full size sectional elevation and plan of complete lamp for flat flame burner	1.4.02	1902	-	-	CI-C	291	-
I4981	Arrangement of Fish Wagon R61	1½" to 1' general arrangement of 15'4 plan open wagon, 9' wheelbase fitted with Vacuum brake and Westinghouse pipe	22.8.06	1906	R61	54W	CI-C	291	-
I4982	Details of Ironwork for Fish Wagon R61	6" to 1' details of components and schedule of details on other drawings	3.8.06	1906	R61	54W	CI-C	292	-
I4984	Arrangement of Composite Carriage K61 Class	¾" to 1' general arrangement of 50' carriage body and details of interior	21.7.06	1906	K61	224C	CI-C	292	-
		Full size details							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4993	Piston and Rod for Engines Y14 Class	Endorsed: dimensions also for classes T26, N31, C32, S44 and G69	23.7.06	1906	Y14	J15	CI	247	-
I5004	Alteration to Spring Gear on 17 Tons Goods Brakes	3" to 1' elevation of gear, side elevation of 7 plate spring and suspension gear Endorsed: altered I4.2.07 & 27.10.17	27.7.06	1906	-	2W	CI-C	292	-
I5005	Six Wheels Coupled Goods Engines Class A60 (Y14 Class)-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: clothing details see Dg No 8297 My comment: dirty and parts missing	- .7.06	196	Y14	J15	CI-C	232	-
I5011	Four Wheels Coupled Tank Engines Class C59-Cab, Tanks and Coal Bunker	1½" to 1' detailed arrangement	- .9.06	1906	C59	F4	CI-C	232	-
I5011	Four Wheels Coupled Tank Engines Class C59- Arrangement of Tank Protection Plates	1½" to 1' sectional elevations showing wash plates	- .2.12	1912	C59	F4	P	232	-
Att									
I5022	Bearing Spring for Dining Cars P60-York & Harwich Trains	3" to 1' elevation, section and plan of 10 plate spring 4'0" centres unloaded, pattern No 29 Endorsed: altered I.10.08 & 29.3.09	12.9.06	1906	P60	25C	PB-C	292	-
I5023	Tinned Copper Cold Water Tank for Main Line Carriages Classes I61, C62, D62	3" to 1' elevation and plan of 43 gallon tank Endorsed: altered 26.12.06-classes G67 & H67 added; tank for vehicles with wide gangways see Dg No 18972	27.8.06	1906	I61 C62 D62	419C 419C 227C	CI-C	292	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I5024	Arrangement of Disc Holders in Cabs of Tank Engines	1½" to 1' arrangements showing position of holders in classes I 100, I090, 6 coupled tank engines, 650 class, 61 class and engines 209, 210, 226, 231	- .8.06	1906	-	-	CI	232	-
I5034	Asbestos Clothing for Four Coupled Radial Tank Engines C59 Class	1½" to 1' elevations of 6 mats	- .9.06	1906	C59	F4	CI	232	-
I5037	Axle Arm-Box, Cap and Nut	Full size sectional elevation and plan of No 3 type and list of road vehicles to which it applies	13.10.06	1906	-	-	CI-C	292	-
I5038	Joist Bolster for 4 Wheeled Bogies	3" to 1' elevation, section and plan of bolster Endorsed: various modifications for subsequent stock; Dg No of bogie altered from I6024 to Dg No I6935; title altered to 'for Suburban Bogies' 3.15	11.9.06	1906	-	-	CI-C	292	-
I5039	Ironwork for Special Light Parcels Van	3" to 1' details of components for road vehicle Endorsed: altered I.7.09	5.10.06	1906	-	-	CI-C	292	-
I5049	Arrangement of Bogie Composite Corridor Carriage Class D62, S62	¾" to 1' general arrangement of 50' carriage body and details of interior S62 226Cinterior Endorsed: 5 vehicles of D62 to be fitted with dual brake; S62 London & Cromer train to be fitted with steam heating	- .10.06	1906	D62 S62	227C 226C	CI-C	292	-
I5054	Gas Filling Valve for Carriages	Full size elevations, sections and plan of valve	13.10.06	1906	-	-	CI-C	292	-
I5060	Six Wheels Coupled Goods Engines Class G58 Belpaire-Framing	1½" to 1' elevations and plan of framing My comment: detail missing on part of plan	24.10.06	1906	G58	J17	PB	232	-
I5060	Six Wheels Coupled Goods Engines Class G58 Belpaire-Framing	1½" to 1' elevations and plan of framing My comment: content as Dg No I5060 of same date	24.10.06	1906	G58	J17	BP	232	-
		¾" to 1' general arrangement of 50' body with both side elevations and interior details							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15064	London & Cromer Train-Arrangement of Kitchen Car L62	Endorsed: bogie to Dg No 13665 replaced by Dg No 16024; sliding vents added to drawing, undated; corrected to date 28.8.07	4.9.07	1907	L62	26C	CI-C	291	-
15065	London and Cromer Train-Third Class Restaurant Car 162	¾" to 1' general arrangement of 50' body with interior detail of open saloon	29.11.06	1906	162	420C	PB-C	276	-
15065	London & Cromer Train-Third Class Restaurant Car 162	¾" to 1' general arrangement of 50' body with interior details Endorsed: to be fitted with steam heating and electric light	3.12.06	1906	162	420C	CI-C	291	-
15066	London & Cromer Train-First Class Restaurant Car M62 Class	¾" to 1' general arrangement of 50' carriage body and details of interior Endorsed: to be fitted with steam heating and electric light	10.12.06	1906	M62	120C	CI-C	292	-
15067	London & Cromer Train-Arrangement of First Class Carriage P62 Class	¾" to 1' general arrangement of 50' carriage body and details of interior	3.12.06	1906	P62	121C	CI-C	292	-
15068	No 10 Live Steam Injector-Davies & Metcalfe's Patent	Full size sectional elevations and plan Copy of D&M Dg No 1006 Endorsed: special type for hot climates	25.10.06	1906	-	-	BP	232	-
15070	Copper Cold Water Tank for Kitchen on Cromer Train	1½" to 1' elevations and plan of tank for class L62 Endorsed: modified for subsequent classes	29.10.06	1906	162	420C	CI-C	291	-
15073	Four Wheels Coupled Express Engines Class S46-Arrangement and Details of Fire Box Roof Stays	3" to 1' arrangement of firebox with full size details of stays Endorsed: for further dimensions of boiler see Dg No 11548; modified 7.10.08	- .11.06	1906	S46	D14	CI-C	232	-
15074	Buffing Spring for Horse Boxes, Passenger Train Vans and Carriage Trucks	3" to 1' elevation, section and plan of 10 plate spring 4'11" unloaded pattern No 30	1.11.06	1906	-	-	CI-C	292	-
15075	Four Wheels Coupled Express Engines Class S46-Asbestos Clothing	1½" to 1' elevations of 16 mats Endorsed: for ordinary boilers	5.11.06	1906	S46	D14	CI	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I5081	Four Wheels Coupled Bogie Express Engines Class G61-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: several amendments up to 17.6.50	- .9.07	1907	G61	D15	CI-C	232	-
I5083	Four Wheels Coupled Bogie Express Engines Class F53, D56-Connecting Rod	Full size details of parts and 1½" to 1' arrangement of rod Endorsed: numerous alterations	-	1907	F53	D15	P	232	-
I5084	Four Wheels Coupled Bogie Express Engines Class T19-Asbestos Clothing	1½" to 1' elevations of 11 mats Endorsed: 'with G16 bogies' added to title	6.11.06	1906	T19	D13	CI	232	-
I5085	Bogie Four Coupled Express Engines G61-Strengthening for Corner Plates for Leading End of Framing	6" to 1' details of leading end of framing	- .11.06	1906	G61	D15	CI	232	
I5088	Asbestos Clothing for Six Coupled Goods Engines Y14 Class	1½" to 1' elevations of 7 mats My comment: a stores ordering drawing	- .11.06	1906	Y14	J15	CI-C	232	-
I5092	Four Wheels Coupled Tank Engines Classes M15, E16, 018, P55-Details of Fittings for Tanks	Full size details of brackets and fittings Endorsed: for tank stays see Dg No 17612 for G69 30.1.11	14.11.06	1906	M15	F5	CI-C	232	-
		¾" to 1' general arrangement of 50' carriage body and details of interior							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 5093	Arrangement of Bogie Brake Van Classes R62	Endorsed: R62 for London and Cromer train to be fitted with gas and steam heating; see Dg No 19106 for ends with standard gangways 28.1.14; Bostwick gates to be removed see Mr Mauldin's letter dated 2.1.30	- .11.06	1906	R62	528C	CI	292	-
I 5096	Proposed Alteration to Buffers on Low Floored Milk Van	3" to 1' sectional side elevation, end elevation and plan of buffer Endorsed: one end of milk van to be fitted with this for trial My comment: alteration may be the addition of a 6 1/8" elm block to bring the buffers out to 1'10½" from headstocks	- .11.06	1906	-	22M	CI-C	292	-
I 5097	Bearing Spring for 12 Ton Machine Truck A63 Class	3" to 1' elevation, section and plan of 4 plate spring 3'1" centres unloaded	26.11.06	1906	A63	24W	CI-C	292	-
I 5098	Drawhook for Close Coupled Wagons	Full size elevation and plan of drawhook	18.1.07	1907	-	-	CI-C	291	-
I 5099	Arrangement of Tubes in Tubeplates for Engines Classes Y14, T19, T26, N31, C32	6" to 1' half elevation of smokebox and firebox tubeplates Endorsed: for other dimensions see Dg No 10289	- .12.06	1906	Y14 T19 T26 N31 C32	J15 D13 E4 J14 F3	CI-C	232	-
I 5874	Gangway for Main Line Carriage Stock	3" to 1' arrangement of complete gangway and 6" to 1' details of fittings	28.11.06	1906	-	-	CI-C	235	-
I 5876	Engines Classes T19 Belpaire, D56, G58-Arrangement of Tubes in Tubeplates	6" to 1' half elevations of smokebox and firebox tubeplates Endorsed: for other dimensions see Dg Nos 11537 and 13688 to this for non superheater engines for other dimensions see Dg No 19221	- .1.07	1907	T19 D56 G58	D13 D15 J17	CI-C	232	-
I 5889	Tenders Classes T59 and H61 for Goods and Express Engines-Framing	1½" to 1' elevations and plan of 18'3" long frames, WB 6' plus 6', wheels 4'1" dia to Dg No 8941 Endorsed: several amendments the last 24.11.41	- .12.06	1906	T59 H61	- -	CI-C	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15893	Coupling Links and Pins Between Engine and Tender	Full size elevations of two types of links and pins Endorsed: see Dg No 17275 for E72 engines, F72 tenders, S69 engines and T69 tenders	- .12.06	1906	-	-	CI-C	232	-
15896	Oil Well for Wagon Axlebox 'X' to Suit 9" x 4" Journal	Full size elevations and plan of well Endorsed: to be fitted to 12 ton machine truck A63 class; for wagon axlebox 'X' see Dg No 14807, modified 28.3.08	14.12.06	1906	-	-	CI-C	235	-
15897	Arrangement of Kitchen for London & Cromer Train L62 Class	¾" to 1' interior elevations and plan of kitchen with full details of fittings and equipment	- .2.07	1907	L62	26C	CI-C	235	-
15908	Eccentric Sheaves for Engines Y14, P55, T18, E22, R24, Y65, G75	Full size elevations with diagram Endorsed: for G69 class see Dg No 17611 7.12.10; for eccentric strap see Dg No 6164	- .1.07	1907	Y14	J15	CI-C	232	-
15915	Asbestos Clothing for Six Coupled Tank Engines S56 Class	1½" to 1' elevations of 6 mats My comment: a stores ordering drawing	- .1.07	1907	S56	J69	CI	232	-
15918	Four Wheels Coupled Express Engines Class S46 with Fireboxes to Dg Nos 15073 and 11548-Safety Valve	6" to 1' sectional elevations and plan of safety valve to blow off at 180 lbs and details of lever	- .3.07	1907	S46	D14	CI-C	232	-
15929	Arrangement and Details of Brake Communication for Carriages	1" to 1' arrangement showing inside and outside equipment and full size details of brake valve Endorsed: altered 20.1.19	- .2.07	1907	-	-	CI-C	235	-
15937	Alteration to Sliding Doors for Six Coupled Tank Engines R24 Class	1½" to 1' side elevation showing doors, full size details of fittings Endorsed: for other dimensions of sliding door see attachment to Dg No 9579	28.2.07	1907	R24	J65	PB	232	-
15938	Six Coupled Tank Engines E22 Class-Boiler with Steel Firebox and Direct Stays	1½" to 1' elevations, plans and sections of boiler with full size details of riveting Endorsed: all boilers to be fitted with copper stays 1" diameter 11.11.13; work to red for last 4 engines to LM5202 and future engines 22.4.10	- .2.07	1907	E22	J65	CI-C	232	-
Att 15938	Six Coupled Tank Engines Class E22-Arrangement of Crown Stays for Boilers with Steel Fireboxes	1½" to 1' sectional elevations for 3 boilers Endorsed: for arrangement of boiler see Dg No 15938, details of slings and stays see Dg No 15976	- .3.07	1907	E22	J65	CI-C	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 5949	Truck for Manual Fire Engine D&P8670	1½" to 1' general arrangement of 15' truck with 29" wheels with Westinghouse brake Endorsed: altered to red for D&P1620 4.7.12, underframe details Dg No 15964, ironwork details Dg No 16001	- .3.07	1907	D&P 8670	-	CI-C	235	-
I 5955	No 2 Axle Arm, Box, Cap and Nut Complete	Full size details for pair horse van and pair horse trolley	27.2.07	1907	-	-	CI-C	235	-
I 5956	17Ft 10 Ton High Sided Wagon LM4198, E64, E65	1½" to 1' general arrangement 17' 7 plank open wagon with 9'6" wheelbase Endorsed: see guide Dg No 17432 for class F70 and future classes 13.12.11 My comment: some detail missing on lower part of plan	8.3.7	1907	LM4198 E64 E65	55W	CI-C	235	-
I 5957	Ironwork Details for 17Ft 10 Ton High Sided Wagon LM4198	3" to 1' details of components not already covered by existing drawings Endorsed: altered to red 13.3.08	7.3.07	1907	LM4198	55W	CI-C	235	-
I 5963	Six Wheels Coupled Goods Engines Class G58-Details of Cylinder Cock Gear	Full size, 6" and 1½" to 1' details of 12 components	- .3.07	1907	G58	J17	CI-C	232	-
I 5964	Details of Underframe and Turntable for Manual Fire Engine Truck D&P8670	1½" and 3" to 1' of components Endorsed: altered to red for D&P1620 4.7.12; for Cambridge fire engine truck see Dg No 18734 D&P4657 20.12.15	- .3.07	190	D&P 8670	-	CI-C	235	-
		1½" to 1' elevations and plan of two containers 7'0" x 6'9" shown on underframe							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 5967	General Arrangement of Continental Luggage Boxes E33	Endorsed: for underframe see Dg No 8859; for ironwork details see Dg No 891 I; Westinghouse brake pipes altered to yellow 25.8.04 Nos 2 & 4 to be fitted	- .3.07	1907	E33	-	PB	235	-
I 5976	Crown Stays and Hangers for Steel Fireboxes E22 Class	Full size details of 6 components	- .4.07	1907	E22	J65	CI	232	-
I 5979	Screw Couplings for Wagons	Full size elevations and plan of coupling and 3" to 1' elevation and plan showing two wagon coupled with headstocks 3'2" apart	12.3.07	1907	-	-	CI-C	235	-
I 5986	General Arrangement of Milk Van with Asphalt Floor	1" to 1' general arrangement of 31'6" 6 wheel van with louvred sides Endorsed: van No 1317 fitted; asphalt floor replaced by oak boards 8.2.12	18.3.07	1907	-	21M	PB	235	-
I 5987	12 Ton Machine Truck A63 Class	1½" to 1' general arrangement of 18' flat truck Endorsed: binding rings added 20.2.08	8.4.07	1907	A63	24W	CI-C	235	-
I 5988	Details of Ironwork for 12 Ton Machine Truck A63 Class	3" to 1' details of 12 components Endorsed: altered to red 2.08	26.3.07	1907	A63	24W	CI-C	235	-
I 5989	Details of Underframe for 10 Tons Machine Truck A63 Class	1½" and 3" to 1' details of components Endorsed: altered in red 18.2.08	8.4.07	1907	A63	24W	CI-C	235	-
I 6002	Four and Six Wheels Coupled Tram Engines Classes F40, C53-Arrangement and Details of Spark Arrestor	3" to 1' section of smokebox showing arrangement and full size and 6" to 1' details of fittings	- .4.07	1907	F40 C53	Y5 J70	CI-C	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I6003	Details of Additions Required to Accelerate Filling of Water Troughs at Ipswich	Full size arrangement of inlets and 6" to 1' details of other pipework	12.4.07	1907	-	-	CI-C	232	-
I6014	Low 10 Ton Machine Truck Altered to Clear L&SW and SE&C Loading Gauges LM4567	1½" to 1' general arrangement of 29'6" truck with details of alterations Endorsed: for loading baulks see Dg No I6425 15.4.08; see attachment to shop copy for new girders 17.3.10	- .4.07	1907	LM4567	22W	P	235	-
I6015	Foundation Ring for Boilers with Steel Fireboxes E22 Class (LM4494)	Full size details of riveting and 3" to 1' arrangement of foundation ring My comment: drawing unfinished	- .4.07	1907	E22	J65	CI-C	232	-
I6016	Ironwork for Low 10 Ton Machine Truck Altered to Clear L&SW and SE&C Loading Gauges LM4567	3" to 1' details of 5 components	- .5.07	1907	LM4567	22W	CI-C	235	-
I6025	Engine Trolley	1½" to 1' elevations and plan of 4 wheel trolley 2'8" wheelbase on 1'8" wheels and full size details of ironwork Endorsed: for running department My comment: probably carried on crane runner	- .4.07	1907	-	-	CI-C	232	-
	Expansion Bracket for S&C Class Boilers to Do Not	6" to 1' elevation and plan and full size details of fixing S46 D15			S56	J69			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6040	Expansion Bracket for 356 Class Boilers to Dg Nos 16089 and 13688 Att	Endorsed: work to red for S46 engines with Belpaire boilers (Dg No 13688 Att) 2.15; work to blue 23.9.07	- .5.07	1907	S46	D15	CI-C	232	-
I 6049	Cast Steel Wheels for 20 Ton Coal Wagons	3" to 1' elevation and section of 10 spoke 2'8" diameter wheel less tyre My comment: stores ordering drawing	7.6.07	1907	-	46W	CI-C	235	-
I 6059	Cast Iron Bevel Wheel for Goods Brakes	Full size section and plan of wheel with 18 teeth	18.6.07	1907	-	-	CI-C	235	-
I 6062	Four Wheels Coupled Mixed Traffic Engines T26, I34- Arrangement and Detail of Trailing Sand Gear	3" to 1' arrangement inside cab and full size details of fittings Endorsed: for class I34 and following engines, undated	- .6.07	1907	T26 I34	E4	CI	232	-
I 6066	Six Wheels Coupled Tank Engines Class S56- Arrangement of Tubes in Tubeplates	3" to 1' half elevations of tubeplates Endorsed: for other dimensions see Dg Nos I1549, I3581 and attachments; for tubes for S44 and P55 classes	- .6.07	1907	S56	J69	CI-C	232	-
I 6081	Four Wheeled Coupled Radial Tank Engines Class G63-Vacuum Brake Arrangement and Details	1½" to 1' outline side and end elevation of cab and frame and 3" to 1' details of components	- .7.07	1907	G63	F4	CI	232	-
I 6083	Four Wheels Coupled Radial Tank Engines P55 Class- Boiler with Steel Firebox and Direct Stays	1½" to 1' elevations and plan of boiler with full size riveting details Endorsed: all boilers to be fitted with copper stays 1" diameter I1.11.13	- .7.07	1907	P55	F5	CI-C	232	-
I 6089	Engines Class S46, F48-Boiler with Direct Roof Stays	1½" to 1' elevations and plan of boiler with full size riveting details F48 J16 Endorsed: numerous alterations	- .7.07	1907	S46 F48	D14 J16	CI-C	232	-
Att I 6089	Boilers Class S46, F48 with Direct Roof Stays-Sketch of Back Plate with Raised Firehole	1½" to 1' sectional end elevation of backplate Endorsed: for dimensions not shown see Dg No I6089; work to red for height of LF hole and position of stay 'A' 28.6.09	- .1.12	1912	S46 F48	D14 J16	P	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16090	Sketch Showing Position of Buffers and Couplings between Coal Engine when on a 4 Chain Curve	1½" to 1' plans showing additions to buffers and rubbing plates	9.5.06	1906	-	-	OI-C	232	-
16092	Sketch Showing Proposed Alteration to Governing Gear Tram Engines Class G15	Undimensioned elevations and plan of gear, nature of alteration not stated My comment: possibly unfinished	26.2.06	1906	G15	Y6	OI-C	232	-
16094	Standard Cylinder for Automatic Vacuum Brake	Full size section of cylinder and valve and 6" to 1' inverted plan	16.7.07	1907	-	-	P-C	235	-
16095	Davies & Metcalfe's 10mm Injector	Full size sectional elevations of injector	23.7.07	1907	-	-	P-C	232	-
16097	Section of Turton Platt's Patent Buffer	Full size sectional elevations of self contained buffer Endorsed: Supy. D.O. No 851	16.10.94	1894	-	-	CI-C	232	-
16112	Arrangement of Inspection Truck	1" to 1' general arrangement of open 6 wheel truck 34'0" using carriage underframe Endorsed: end doors to be fitted to truck 30.9.08	21.9.07	1907	T64	I2M	CI-C	412	-
16113	Details of Ironwork for Inspection Truck	6" to 1' elevations and plans of 8 components Endorsed: additional ironwork for end doors shown in red 30.9.08	17.9.07	1907	T64	I2M	CI-C	411	-
16124	Proposed Alteration to Side Bearing Spring Gear for Bogie Cars	3" to 1' elevations and plan of 7 plate spring 4'0" centres Endorsed: altered 1.10.08	31.7.07	1907	-	-	CI-C	412	-
16125	Carriage Oil Axlebox P	Full size elevations, sections and plans of axlebox for 9" x 4" journal Endorsed: altered 31.3.08, 25.8.10 and 23.5.16	- .8.07	1907	-	-	CI-C	412	3
16132	York & Harwich Continental Train-Section Through Passenger Compartments of Restaurant Cars	1½" to 1' internal sectional views of first and third class carriages with full details of interior furnishings	- .8.07	1907	-	-	CI-C	411	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16134	Six Wheels Coupled Goods Engines Class L52, P52, B54, P54 (to Boiler Dg No 11548)-Asbestos Clothing	1½" to 1' plans of 14 mattresses	- .8.07	1907	L52	J16	CI	359	
16154	Walsh's Patent Axlebox Oil Retaining and Dust Tight	Full size elevations, sections and plan of axlebox Copy of J. Owden O'Brien of Manchester drawing, manufactured by the Malleable Steel Casting Co. Pendleton	4.4.07	1907	-	-	BP	412	
16171	Bain's Patent Improved Railway Carriage and Wagon Automatic Safety Coupling	1½" to 1' elevations and plan of centre coupling and fitting to steel underframe	-	1907	-	-	P	412	
16172	Details of the Bain Patent Improved Carriage and Wagon Automatic Coupling	6" to 1' details of 5 components	-	1907	-	-	P	412	
16173	Details of the Bain Patent Improved Carriage and Wagon Automatic Coupling	6" to 1' details of 6 components	-	1907	-	-	P	412	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16185	Bracket for Hat Rack in Dining Car-London & Cromer Train M62	Full size elevation of ornamental bracket mounted on seat back made in cast brass Endorsed: also used in first class restaurant cars York and Harwich train P&S 60	28.8.07	1907	M62	120C	PB-C	411	
16190	Six Wheels Coupled Tank Engines Class C37, G75-Leading and Trailing Hornblock and Stay	6" to 1' elevation, sections and plan of hornblock	- .9.07	1907	C37	J69	CI-C	360	
16190	Six Wheels Coupled Tank Engines Type J69-Leading and Trailing Hornblock, Stays and Wedge	6" to 1' elevation, sections and plan of hornblock	- .6.29	1929	-	J69	P	360	
16191	Bearing for 5In Journal of 20 Ton Coal Wagon for North Eastern Railway Company	6" to 1' elevations and section of axlebox Copy of Hyatt Roller Bearing Co, Harrison, New Jersey Dg No 1L115	9.3.05	1905	-	-	P	412	
16196	Alteration to Brake Work on Tenders Class H14, Y17	1½" to 1' outline elevations and plan showing modification on tender and 3" to 1' details of components Endorsed: altered 28.10.07	- .9.07	1907	H14 Y17	-	CI-C	360	
16198	Proposed Auxiliary Draw Spring for Private Owners Wagons for Use with Sleeve Stop	Full size elevation of spring with table of deflections	9.9.07	1907	-	-	CI-C	412	
16200	Arrangement of Davies & Metcalfe's No 10 Special Injector Six Coupled Condensing Tank Engines S56 Class	3" to 1' elevations and plan	- .9.07	1907	S56	D15	CI	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6204	Arrangement of Underframe for Cattle and Covered Goods Wagons	1½" to 1' elevations, sections and plan of 19'3" channel steel underframe with 10'6" wheelbase Endorsed: for cattle wagons D64 and covered G64	20.9.07	1907	D64 G64	7W 47W	CI-C	411	
I 6205	Details of Underframe for Cattle Wagons D64	3" to 1' details of numerous components	14.1.08	1908	D64	7W	CI-C	411	
I 6206	Details of Underframe for Covered Goods Wagon G64	1½" and 3" to 1' details of numerous components	13.11.07	1907	G64	47W	CI-C	411	
I 6210	Asbestos Clothing for Tram Engines Class C53	1½" to 1' details of 8 mattresses	30.9.07	1907	C53	J70	CI	358	
I 6213	Frame and Boiler Stay for Express Engines S46 Class with Boilers to Dg Nos I 6089 and I 6371	3" to 1' arrangement of stay with full details Endorsed: see also Dg No I 3688 Attachment 16.2.08	- .10.07	1907	S46	D14	ci-c	360	
I 6214	Six Wheels M.L. Brake Van L64 Class	1" to 1' general arrangement 32' 6 wheel body with elliptical roof Endorsed: altered 3.7.08, 3 gas lamps in place of 4; altered 4.10.10	9.10.07	1907	L64	536C	CI-C	411	
I 6215	Details of Laminated Spring Buffing and Drawgear for Carriages	3" to 1' details of numerous components and schedules listing parts required for main line and suburban stock Endorsed: originally drawn on I 6.8.04; altered 18.11.10, 1.5.13 and 10.3.15; Dg No altered from I 3866 to I 6215 for I & L64 and future stock 30.9.07	- .9.07	1907	-	-	P-C	412	3
I 6219	Conversion of Whole Sided Door Wagon into Hopper Ballast Wagon D&P9305	1½" to 1' general arrangement of 16' 3 plank wagon with sections showing hopper arrangement Endorsed: step and handle added 29.9.09	12.2.08	1908	D&P 9305	59W	CI-C	412	
I 6223	Four Wheels Coupled Shunting Engines 209 Class-Arrangement and Details of Spark Arrestor	3" to 1' sectional elevations of smokebox with apparatus and 6" to 1' details of fittings	- .10.07	1907	209	Y5	CP	358	
I 6225	14 Ton Machine Trucks-Oil Axle Box 'R' Adapted to 10" x 4¼" Journals	3" to 1' elevations showing axlebox fitted to a machine truck	- .10.07	1907	-	-	OI-C	412	
I 6229	Gresham & Craven's 8mm Hot Water Injector	Full size sections and plan of injector	- .10.07	1907	-	-	CI-C	359	
I 6230	Four Wheels Coupled Bogie Tank Engine O61 Class-Blower Cock	Full size sectional elevations and plan of cock Endorsed: altered 21.7.11 for class S69; see attachment for blower for E72 and L77	- .10.07	1907	O61	-	CI-C	359	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16230	Four Wheels Coupled Express Engines Class D56- Alteration to Blower Cock for Engines fitted with Schmidt Superheater	Full size elevation and section of cock for engines L77, E72 and S69	16.12.10	1910	D56	D15	CI-C	360	
Att									
16236	Arrangement of Automatic Vacuum Brake Tenders Classes T46, G53	1½" to 1' outline elevations and plan of tender frame showing arrangement of brake and 3" to 1' details of fittings Endorsed: superseded see Dg No 36784	- .10.07	1907	T46 G53	- -	CI-C	358	
16244	Large One Horse Van Lower in Height from Ground to Floor D&P9037	1½" to 1' general arrangement of 4 wheeled van with 10'2" body	29.10.07	1907	D&P 9037	-	P-C	412	
16244	Large One Horse Van Lowered in Height from Ground to Floor D&P9037	1½" to 1' general arrangement of 4 wheeled van length 10' inside Endorsed: openings marked 'A' to be cased in on covered vans only	29.10.07	1907	D&P 9037	-	P-C	181	-
16259	Six Wheels Goods Engines Class L52-Rod, Pipe and Clothing Arrangement	1½" to 1' side and end elevation of engine and plan of frame Endorsed: altered 2.9.24	- .11.07	1907	L52	J16	CI-C	359	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6264	Four Wheels Coupled Bogie Express Engines Classes S46, M51, F53, L55-Asbestos Mattresses for Boilers to Dg No 16089	1½" to 1' plans of 17 mattresses	- .1.08	1908	S46	D14	P	358	
I 6267	Six Wheels Coupled Tank Engines Class R24, Y65, G75-Arrangement and Details of Cab Door and Alteration to Sanding Gear	1½" to 1' elevation and plan of door and sanding gear and full size details of components Endorsed: altered for class G75 9.12.13; altered 26.2.35	- .10.07	1907	R24 Y65 G75	J67 F7 J68	CI-C	360	
I 6271	Ironwork Details for Passenger Train Cattle Box P64	3" to 1' details of numerous components	2.1.08	1908	P64	I9M	CI-C	411	
I 6272	Safety Valve Seating	6" to 1' section and plan of seating for boilers with 4'2" and 4'4" barrels	19.11.07	1907	-	-	CI-C	359	
I 6285	20 Tons Loco Coal Wagon	1½" to 1' general arrangement of 21'6" steel body open wagon with 12' wheelbase and half plan of underframe Endorsed: for M73 and future classes see Dg No 18248 16.5.13; for arrangement and details of double brake on P71 and future classes see Dg No 18078 1.4.12	- .12.07	1907	-	46W	CI-C	411	
I 6286	Ironwork Details for 20 Tons Loco Coal Wagon	3" to 1' details of numerous components Endorsed: for M73 and future classes see Dg No 18479 7.5.13; altered for P71 and future classes where double brake is used see Dg No 18078 1.4.12	- .1.08	1908	-	46W	CI-C	411	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6290	Details for Cattle Wagon with Wood Underframe	3" to 1' elevations and plans of numerous components and details of bolts and fixings Endorsed: altered 7.0 & 6.1.14	- .2.14	1914	-	-	P	443	3
I 6290	Axlebox and Brass for 8 Ton Mineral Wagon	Full size sectional elevation and plan for 8" x 3¾" journal Copy of G&SWR Kilmarnock Dg No 1813	3.2.03	1903	-	-	BP	412	
I 6291	Oil Axlebox for 20 Ton Hopper Wagon	Full size elevation, sections and plan of oil box for 10" x 6" journal Copy of G&SWR Kilmarnock Dg No 4063	8.5.05	1905	-	-	BP	412	
I 6292	GWR Swindon 9Ins x 4 5/8Ins OF Oil Axlebox with Open Front	Full size elevations and plan of oil box Copy of GWR Dg No 22764	- .6.03	1903	-	-	BP	412	
I 6294	Four Wheels Coupled Express Engines Class T19 Belpaire with G16 Bogies-Boiler	1½" to 1' elevations, sections and plan of boiler with full size details of riveting Endorsed: altered 9.5.13 and 6.11.13	- .12.07	1907	T19	D13	P	359	
I 6299	Foundation Rings for Boilers with Steel Fireboxes to Class P55	3" to 1' plan of foundation ring and full size details of riveting	- .12.07	1907	P55	F5	CI-C	360	
I 6300	Bottom Half of Standard Carriage Axlebox 'B'	Full size elevations and plan of box Endorsed: oil hole not required 20.12.09 My comment: refers to filling hole at side of box	7.12.07	1907	-	-	PB-C	279	-
I 6303	Frame and Boiler Stay for Goods Engines Class F48 with Boilers to Dg Nos 16089 and 16371	3" to 1' arrangement of stays and full size details of fittings Endorsed: work to red dimensions for all engines except Nos 1170 to 1186 inclusive	- .12.07	1907	F48	J16	CI-C	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16305	Cast Steel Wheel and Axle for 20 Tons Coal Wagons and 20 Tons Goods Brake	6" to 1' and full size half elevation and section of 3'1" dia 10 solid spoke wheel and half elevation of axle	6.5.08	1908	-	46W 56W	CI-C	279	-
16310	Carriage Springs Pattern No 31	3" to 1' elevation, section and plan of 7 plate spring 4'0" centres when straight Endorsed: two carriages of S62 fitted with this for trial; superseded by Dg No 16464 for B65 and future classes 13.5.08 Full size details of 5" diameter spring	- .12.07	1907	-	-	CI-C	279	-
16311	Auxiliary Bearing Springs for Bogie Carriages								
16332	Four Wheels Coupled Express Engines Class T19 with Belpaire Boiler-Coupling Rod	Full size part elevations and plan of rod Endorsed: altered 20.12.30 and 5.3.41	- .2.08	1908	T19	D13	P	358	
16340	Cast Iron Details for Water Valve for Ipswich Station Water Tank	6" to 1' details of components	- .1.08	1908	-	-	CP	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6341	N.E.R. Dual Brake for Standard Cattle Wagon	1½" to 1' arrangement of lower part of 16' wood framed cattle wagon with full details of running gear and dual brake Endorsed: NER Dg No 5390	18.11.07	1907	-	-	P	279	-
I 6342	N.E.R. Vacuum and Hand Brake for 12 Tons Covered Goods Wagon	1½" to 1' sectional elevations and plan of underframe showing vacuum brake gear Endorsed: NER Dg No 6037	16.11.07	1907	-	-	P	279	-
I 6346	Oil Well and Alteration to Axleboxes for 25 Ton Machine Trucks E35, H65	Full size sections and plans of oil well with LSVR and Caledonian Rly gauges shown	- .1.08	1908	E35 H65	27W	CI-C	279	-
I 6347	Bolster End Control for Bogie Carriages	6" to 1' sections of arrangement, details of casting	7.1.08	1908	-	-	CI-C	279	-
I 6348	Buffing Spring for Wagons	Full size elevation of 5 coil spring Endorsed: as supplied with Turton & Platt's self contained buffers for 14 tons machine truck, etc. Endorsed: dimensions altered 13.5.08	21.1.08	1908	-	-	CI-C	279	-
I 6349	Water Tube Firebox with Steam Superheater	1½" to 1' sectional side and end elevations and plan of superheater on Belpaire type boiler arranged for six wheels coupled engine	- .12.07	1907	-	-	P-C	360	
I 6350	Patent Maximus Brake Arranged for a Four Wheeled Coach	6" to 1' sectional side elevation of brake gear applied to standard carriage wheel Endorsed: copy of Dg No 5 of Taite & Carlton, 63, Victoria St, London EC	-	1908	-	-	BP	279	-
I 6351	Standard A.F. Gear for 23 Ton Coal Wagons	6" to 1' sectional side and end elevation of brake gear on NER wagon Endorsed: NER Shildon Works Dg No 820S and 6650 My comment: A.F. stands for anti friction roller gear	23.4.07	1907	-	-	MB	279	-
I 6352	Details of Water Valve for Ipswich Station Loco Tank	6" to 1' details of components	- .1.08	1908	-	-	CP	360	
I 6354	Protectors for Sight Feed Lubricators Stone, Dewrance Vacuum Wakefield De Limon	Full size details of protectors for named lubricators	14.4.08	1908	-	-	P-C	359	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Dewrance, Vacuum and Wakefield Sight Feed Lubricators	Endorsed: altered 4.1.09 and 30.9.09							
16354	Protector for Dewrance, Vacuum and Wakefield Sight Feed Lubricators	Full size elevations and plan of protector	4.1.10	1910	-	-	-	360	
16359	Standard Steam Heating Coupling	Full size elevations and details	4.2.08	1908	-	-	P-C	279	-
16361	Oil Axlebox 'R' for 14 Ton Machine Trucks 10Ins x 4 1/4Ins Journals	Full size elevations, plans and sections of axlebox Endorsed: altered 8.11.12; see Dg No 16404 for oil hole 25.1.12; Caledonian Rly and LSWR loading gauge imposed on sectional side elevation	- .2.08	1908	-	-	CI	279	-
16366	Conversion of Whole Sided Door Wagon in Hopper Ballast Wagon-Details of Ironwork D&P9305	3" to 1' details of ironwork; for arrangement see Dg No 16219	24.2.08	1908	D&P 9305	59W	CI-C	279	-
16367	7 Ton Boiler Lorry D&P9255	1 1/2" to 1' general arrangement of 4 wheeled lorry 12'3" long inside	21.5.08	1908	D&P 9255	-	CI-C	279	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6368	Ironwork Details for 7 Tons Boiler Lorry D&P9255	1½" and 3" to 1' details of components	6.3.08	1908	D&P 9255	-	CI-C	279	-
I 6370	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Steam Heating Apparatus	1½" to 1" arrangement shown on part elevations and plan of engine and tender and full size details of pipes and fittings Endorsed: for arrangement of steam heating pipe to leading end of engine see Dg No I 7589; altered for C32 class, undated	- .2.08	1908	T26	E4	CI-C	359	
I 6371	Rebuilt Engines Class S46, F48-Boiler Fitted with Roof Bars and Double Riveted Corners	1½" to 1' elevations, sections and plan of boiler with full size riveting details Endorsed: altered 28.7.09 and 30.9.09	- .2.08	1908	S46 F48	D14 J16	CI-C	360	
I 6389	Arrangement and Details of Hatchway in Roof of Covered Goods Wagon	1½" and 3" to 1' details of ironwork and sectional arrangements of hatch Endorsed: one wagon to be fitted to LM4829	11.5.08	1908	LM4829	-	CI-C	279	-
I 6391	Ballast Spreading Plough Fitted to Permanent Way Brake Van D&P9306	1½" to 1' sectional elevations and plan of underframe showing plough fitted Endorsed: two brakes to be fitted to this, for details see Dg No I 6392; brakework on existing vans to be altered to this drawing	- .3.08	1908	D&P 9306	60W	CI-C	279	-
I 6392	Details of Ballast Spreading Plough D&P9306	3" to 1' general arrangement of plough and hand wheel Endorsed: alterations in red were made to facilitate building the plough 11.9.08 My comment: a polite way of saying that it could not be built as designed	23.4.08	1908	D&P 9306	60W	CI-C	279	-
I 6393	Sketch Showing Position of Clothing Studs on Fireboxes of Engines Classes S46, F48 with Boilers to Dg Nos I 6089 and I 6371	Sketch Showing Position of Clothing Studs on Fireboxes of Engines 3.08 S46 D14 Classes S46, F48 with Boilers to Dg Nos I 6089 and I 6371	- .3.08	1908	S46 F48	D14 J16	CI	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I6397	Private Owners Wagons-Proposed Auxiliary Draw Spring	Full size details of 6 1/8" diameter spring	18.3.08	1908	-	-	CI-C	279	-
I6404	Oil Axlebox 'R' for 14 Ton Machine Trucks with 10Ins by 5Ins Journals	Full size elevations, sections and plan of oilbox	- .6.08	1908	-	-	P-C	372	
I6407	Standard Cross Head	Full size sectional elevations and plan of cross head with 6" to 1' details Endorsed: numerous alterations for various classes	- .3.08	1908	-	-	CI-C	360	
I6412	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire with G16 Bogie-Rod, Pipe and Clothing Arrangement	1 1/2" to 1' side and end elevation of engine and outline of frame showing piping details Endorsed: altered 5.8.19 and 8.1.32	5.6.08	1908	T19	D13	CI-C	358	
I6413	Arrangement of Water Valve for Ipswich Station Loco Tank	6" to 1' sectional elevations and plan of valve and float	25.3.07	1907	-	-	CI-C	359	
I6425	Loading Baulks for 10 Tons Roundabout and 40 Tons Crocodile Trucks	1 1/2" and 3" to 1' part elevations showing position of baulk and fittings with full size details Endorsed: altered 18.12.08 for 2 baulks to used on either wagon; revised 30.8.22 for crocodile truck only	11.4.08	1908	-	22W 28W	P-C	373	
I6431	Arrangement of Patent Brake Block Adjuster Fitted to 15Ft Wagon Underframe	1 1/2" to 1' side and end elevations and half plan of single sided 2 block brake gear with one lever Endorsed: application to underframe to Dg No 13561	29.4.08	1908	-	-	CI-C	373	
I6436	Revised Arrangement of McCord's Check Bearing Springs for 20 Tons Wagon	Full size elevations and plan of castings for steel framed wagons	-	1908	-	-	BP-C	373	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Spring for 20 Tons Wagon	Taite & Carlton Dg No 612 dated 27.11.07							
16436	Revised Arrangement of McCord's Check Bearing Springs for 20 Tons Wagon -.08 - -	Full size elevations and plan of axleguards, castings and helical springs replacing leaf bearing springs on steel framed wagons Taite & Carlton Dg No 612A dated 19.2.08	-	1908	-	-	BP-C	373	
16438	Four Wheels 20 Tons Goods Brake-Arrangement of Body C65	1 ½" to 1' elevations, section and plan of 17'6" body Endorsed: altered to green for P73 and future classes 27.3.13; altered also 18.1.18 for additional internal fittings for existing and future brakes	13.8.08	1908	C65	56W	P-C	372	3
16438 Ren	Four Wheels 20 Tons Goods Brake-Arrangement of Body Class C65	1 ½" to 1' general arrangement of 17'6" body My note: drawing originally dated 13.8.08	- .1.16	1916	C65	56W	PL	209	-
16440	Bearing Spring for 20 Ton Goods Brake C65 Class	3" to 1' elevation, plan and section of 10 plate spring 4'4½" centres unloaded Endorsed: altered 15.3.09 to 4'4¼" centres	21.5.08	1908	C65	56W	CI-C	373	
16441	Details of Ironwork for 4 Wheeled 20 Ton Goods Brake C65, R65 Classes	3" to 1' details of numerous components for underframe and body Endorsed: work to alterations shown in green for P73 and future classes 27.3.13; work to red for continuous draw gear P66 and future classes 23.12.09; other modifications to 11.1.35	- .8.08	1908	C65	56W	CI-C	372	
16442	Four Wheeled 20 Ton Goods Brake-Details of Brakework	3" to 1' details of components Endorsed: altered for class R65 15.2.09; for P66 13.4.11 Superseded by Dg No 23629 29.12.21	23.7.08	1908	C65	56W	CI-C	372	
16458	Details of Underframe 17Ft High Sided Goods Wagon LM4198, E64, E65	3" to 1' details of components for steel underframe Endorsed: altered for F70 and future classes 13.12.11; for GA see Dg No 15956	- .5.08	1908	LM4198 E64 E65	55W	CI-C	372	
16464	Carriage Bogie Bearing Spring	3" to 1' elevation, plan and section of 7 plate spring 4'0" unloaded for B65 and future classes Endorsed: altered 30.9.08 & 12.3.09	13.5.08	1908	C65	56W	CI-C	373	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6465	Asbestos Clothing for Tram Engines Class C32 with Boilers to Dg No 10289	1 1/2" to 1' details of 8 mattresses	28.5.08	1908	C53	J70	CI	358	
I 6480	Patent Brake Block Adjuster Fitted to Wagon with Combined Vacuum and Hand Brake	1 1/2" to 1' side elevation and plan of lever, adjuster and linkage to Vacuum cylinder on steel framed wagon	26.5.08	1908	-	-	CI-C	373	
I 6482	Arrangement of Brake Third Class B65	3/4" to 1' arrangement of body including internal arrangement and fitted with electric light	16.6.08	1908	B65	537C	CI-C	372	
I 6484	Diagram Showing Position and Method of Fastening Tool Box on Tank Engines	3" to 1' outline elevations of tool box in relation to tank and front plate of cab and schedule of engines classes and dimensions for positioning	- .6.08	1908	-	-	CI	373	
I 6486	Adapter for Coupling GER Gangway to GWR Gangway	3" to 1' elevation, section and plan of 2'2 1/8" wide gangway and 6" to 1' details of components	3.6.08	1908	-	-	CI-C	372	
I 6489	Arrangement of Ballast Brake X64 Class	1 1/2" to 1' general arrangement of 20' van with wood frame Endorsed: altered for wheels and axles for S77 class, undated	- .6.08	1908	X64	58W	CI-C	372	
I 6489 Ren	Arrangement of Ballast Brake X64 Class	1 1/2" to 1' general arrangement of 20' brake My note: drawing originally dated 7.7.08	- .7.23	1923	X64	58W	PL-C	209	-
I 6490	Ironwork Details for Ballast Brake X64	3" to 1' details of components for body and underframe except brake gear	- .7.08	1908	X64	58W	CI-C	372	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6492	Proposed Cover for Egg Wagons	¾" to 1' outline elevation, sectional elevation and roof plan of 19'4" truck fitted with conventional roof with central opening above doors covered by tarpaulin	16.6.08	1908	-	-	CI-C	373	
I 6495	Four Wheels Coupled Bogie Express Engines D56 Class-Smokebox Door Arrangement	6" to 1' section and elevation of door Endorsed: detail added for class T67, E72, L77, S69; Dg No 16495 superseded by Dg No 25554	- .10.07	1907	D56	D15	CI-C	359	
I 6495	Joint Ring for Smokebox Door	Full size section showing use of asbestos tape to form seal	- .1.13	1913	-	-	CI-C	359	
I 6497	Cast Iron Weights fro 20 Ton Goods Brake Class C65	3" to 1' elevation and plan of 3 types of weight Endorsed: altered for R65 and future classes 12.2.09	- .7.08	1908	C65	55W	CI-C	372	
I 6498	Four Wheeled 20 Ton Goods Brake-Stanchion Packing Block C65, R65 Class 9.9.08	Full size elevations and plan of block	9.9.08	1908	C65	56W	CI-C	373	
I 6501	Express and Goods Engines Class S46, D56, F48, D72, G58, S69-Smokebox Door Details	3" to 1' and full size details of components Endorsed: altered for class S69; cancelled see Dg No 19141 25.2.14	- .10.08	1908	S46	D14	CI-C	360	
I 6505	Bearing Springs for Ballast Brakes Class X64	3" to 1' elevation, section and plan of 7 plate spring 5'0" when straight Endorsed: altered 15.3.08 & 6.10.08	16.7.08	1908	X64	58W	CI-C	278	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6509	Four Coupled Radial Tank Engines Class M15- Arrangement of Whitaker's Patent Tablet Exchange Apparatus	1½" to 1' arrangement of apparatus on cab side and details of components	- .7.08	1908	M15	F4	CI	358	
I 6522	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Whitaker's Patent Tablet Exchange Apparatus	1½" to 1' elevations of apparatus on cab side and 6" to 1' details of fittings Endorsed: altered to red for left hand side 1.9.08	- .7.08	1908	T26	E4	CI	358	
I 6523	Six Wheels Coupled Tank Engines T18 Class-Arrangement of Whitaker's Patent Tablet Exchange Apparatus	1½" to 1' arrangement of apparatus on cab side and 3" to 1' details of fittings	- .7.08	1908	T18	J66	CP	358	
I 6548	Details of Whitaker's Patent Tablet Exchange Apparatus	6" to 1' arrangement of apparatus and components	13.10.08	1908	-	-	P-C	358	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6552	Cast Steel Hornblocks for 25 Tons Machine Truck H65 Class	6" to 1' elevations and section of inside and outside hornblocks	5.11.08	1908	H65	27W	CI-C	278	-
I 6553	Cylinder Cocks for all Classes	Full size sections and plans of 9 cocks and the engines classes applicable Endorsed: altered 8.1.30	11.9.08	1908	-	-	CI-C	359	-
I 6554	Four Wheels Coupled Bogie Express Engines Class D56-Rod, Pipe and Clothing Details	1½" and 6" to 16 and full size details of numerous components Endorsed: numerous alterations	- .8.08	1908	D56	D15	CI	358	-
I 6559	Proposed Low Floored Milk Van for Main Line Service	¾" to 1' general arrangement of 34'6" body and interior plan, 3'0" diameter wheels My comment: was not proceeded with	25.9.08	1908	-	-	CI-C	277	-
I 6573	Diagram Showing Relative Positions of Nibs and Slots in Springs Supplied by Messrs. Steel, Peech & Tozer	Full size sectional view of spring showing position of nib in slot Endorsed: springs supplied to Dg No 16464	28.9.08	1908	-	-	CI-C	277	-
I 6576	Four Wheels Coupled Bogie Express Engines A64 (Class D56)-Arrangement of Indicating Gear	3" to 1' elevations and plan of gear fitted to No 1830 My note: an unfinished drawing, details taken from Shannon	- .10.08	1908	D56	D15	CP	358	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6577	Details for Indicating Gear	3" to 1' arrangement of gear and full size details of components	- .10.08	1908	-	-	CI	359	
I 6578	Six Coupled Tram Engines Class C53, C64- Arrangement of Automatic Governing Gear	Six Coupled Tram Engines Class C53, C64- Arrangement of Automatic Governing Gear	- .10.08	1908	C53 C64	J70	CI-C	358	
I 6580	25 Tons Machine Truck H65 Class-Details of Framing	1½" and 3" to 1' details of components	- .10.08	1908	H65	27W	CI-C	277	-
I 6581	Details of Ironwork for 25 Tons Machine Truck H65 Class	1½" and 3" to 1' details of ironwork and components	14.11.08	1908	H65	27W	CI-C	277	-
I 6586	Alteration to Buffers on O19 Class 14 Ton Machine Truck	Full size section and elevation of self contained buffers mounted on 1½" thick elm pad	3.11.08	1908	O19	25W	CI-C	278	-
I 6589	Bogie Springs for Tank Engines Class S44	Full size half elevation, section and plan of 10 plate spring 3'2¼" centres unloaded Endorsed: see Dg No 4079A for bogie spring for engines Classes E10 and 0171 to 0184	- .10.08	1908	S44	G4	P-C	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16595	Four Wheels Coupled Tank Engines Class P55-Intermediate Hornblock, Axlebox and Keep	6" to 1' elevations, sections and plan of hornblock and axlebox Endorsed: altered 1.12.25	- .10.08	1908	P55	F5	CI-C	359	
16596	Volute Suspension Spring for Bogie Carriages M40 Class and Outside Springs for No 16 Dining Saloon	Full size details of 9" diameter spring	19.10.08	1908	M40	209C 13C	CI-C	278	-
16600	Arrangement of Patent Brake Block Adjuster on Covered Goods Wagon Fitted with Combined Vacuum and Handbrake	1½" to 1' sectional elevations and plan of part of frame showing apparatus Endorsed: altered 11.6.13	28.10.08	1908	-	-	CI-C	278	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16602	Six Wheels Coupled Goods Engines Class G58 Fitted with Belpaire Boiler-Asbestos Clothing	1½" to 1' details of 12 mats	- .10.08	1908	G58	J17	CI	242	-
16608	Cast Steel Roof Bars Engines Class Y14 and T19, T26, N31, C32	3" to 1' elevations of 3 types of bar	19.11.08	1908	Y14 T19 T26 N31 C32	J15 D13 E4 J14 F3	P-C	242	-
16614	Stove Pipe and Rim for Ballast Brakes X64 Class	Full size elevation, plan and section of stove pipe Endorsed: altered 12.12.08	- .11.08	1908	X64	58W	CI-C	278	-
16616	Bearing Spring for 14 Ton Machine Truck	Full size elevation, section and plan of 5 plate spring 3'1" centres unloaded Endorsed: altered 25.3.09	27.10.08	1908	-	-	CI-C	278	-
16617	Six Wheels Coupled Tram Engines Class C53, C64- Details of Governing Gear	Full size details Endorsed: for other details see Dg No 13533	- .11.08	1908	C53 C64	J70	CI-C	242	-
16618	Side Bearing and Bolster Spring Gear for First Class Saloon X65	1½" to 1' outline side elevation and half end elevation showing spring gear with plan of springs	30.4.09	1909	X65	20C	OI-C	278	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16626	Six Wheels Coupled Tram Engines Class C53, C64-Spring and Spring Gear Details	Full size details of 3' springs	- .12.08	1908	C53 C64	J70	CI-C	242	-
16634	Arrangement of McCord's Frictional Check Bearing Spring as Fitted to 10 Ton Wagons	Full size elevation, plan and section of gear Endorsed: altered to red to suit Taite & Carlton's Dg No 710A 28.4.09	- .12.08	1908	-	-	CI-C	277	-
16639	T46 Class Tenders Fitted with Liquid Fuel Gear-Arrangement of Holders for Fire Irons	1½" to 1' outline elevations, sectional elevations and plan of tender showing modifications and 3" to 1' details of components Endorsed: altered 22.8.16 and 17.1.24	- .12.0	1908	T46	-	P-C	242	-
16649	Four Coupled Radial Tank Engines Y65 Class-Leading and Trailing Wheels	Full size elevations and section of 3'6" diameter 10 spoke wheel	- .12.08	1908	Y65	F7	CI-C	242	-
16649	Transporting of Coaches-Details of Timber Blocks, Etc.	1½" to 1' details of 9 types of timber block	- .10.14	1914	-	-	P	245	-
16650	Motion Plate Y65 Cast Steel	6" to 1' elevations, section and plan	6.1.09	1909	Y65	F7	CI-C	242	-
16651	Four Coupled Radial Tank Engines Y65 Class-Leading and Trailing Crank Axles	3" to 1' elevations	- .12.8	1908	Y65	F7	CI-C	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	and Framing Crank Axles	Endorsed: for intermediate axles see Dg No 14828							
16652	Four Coupled Radial Tank Engines Class Y65-Piston Rod and Cylinder Cover	Full size sections and elevations Endorsed: modified 11.5.48	- .1.09	1909	Y65	F7	CI	242	-
16653	Four Wheels Coupled Radial Tank Engines Y65 Class-Cylinders	3" to 1' elevations and section Endorsed: altered 31.3.17	8.2.09	1909	Y65	F7	P	242	-
16654	Four Wheels Coupled Radial Tank Engines Y65 Class-Framing	1½" to 1' elevations and plan Endorsed: amended 2.9.09	- .3.09	1909	Y65	F7	P	242	-
16655	Four Wheels Coupled Radial Tank Engines Class Y65-Boiler	1½" and 6" to 1' arrangement and full size details of riveting Endorsed: modified 6.5.09, 8.6.09, 10.11.13 and 28.4.15	- .2.09	1909	Y65	F7	P	242	-
16656	Four Wheels Coupled Radial Tank Engines Class Y65-Reservoir Footplate	3" to 1' elevations and plan	- .1.09	1909	Y65	F7	CP	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16657	Four Wheels Coupled Radial Tank Engines Y65-Expansion Bracket	6" to 1' elevations and plan	- .2.0	190	Y65	F7	P	242	-
16659	Four Wheels Coupled Tank Engines Class Y65-Slide Bar	Full size details and 3" to 1' elevation and plan	18.3.09	1909	Y65	F7	CI-C	242	-
16661	Four Wheels Coupled Radial Tank Engines Y65 Class-Safety Valve	6" to 1' elevations and plan of valve Endorsed: altered 5.22	- .4.09	1909	Y65	F7	P	242	-
16662	Four Wheels Coupled Tank Engines Y65 Class-Arrangement of Radial Axlebox	3" to 1' elevations, plan and sections Endorsed: for details see Dg No 16696; modified 23.6.09; modified 10.6.09 for Y65 and A67 class only	- .2.09	1909	Y65	F7	P	242	-
16663	Four Wheels Coupled Tank Engines Class Y65-Blast Pipe	6" to 1' sectional elevations and plan	31.3.09	1909	Y65	F7	P	242	-
16665	Four Wheels Coupled Radial Tank Engines Y65 Class-Driving and Intermediate Hornblocks	6" to 1' elevations and plan Endorsed: modified 1.12.25	- .1.09	1909	Y65	F7	CP	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6667	Four Wheels Coupled Radial Tank Engines Y65 Class- Cab, Tanks and Coal Bunker	1½" to 1' elevations and plan Endorsed: this tool box not required 8.9.09 and other undated alterations	- .4.09	1909	Y65	F7	P	242	-
I 6667	Four Wheels Coupled Radial Tank Engines A67 Class Y65-Alteration to Cab,Tanks and Coal Bunker	1½" to 1' elevations of cab and bunker and full size details of components Endorsed: altered 31.8.09	12.8.09	1909	Y65	F7	P	242	-
Att									
I 6668	Four Wheels Coupled Tank Engines Y65 Class-Valve Spindle	Full size elevation and plan Endorsed: modified 21.7.21	- .1.09	1909	Y65	F7	CI-C	242	-
I 6669	Four Wheels Coupled Radial Tank Engines Class Y65-Smokebox	3" to 1' sectional elevations and cylinders Endorsed: altered 29.10.09	11.3.09	1909	Y65	F7	P	242	-
I 6670	Four Wheels Coupled Radial Tank Engines Class Y65-Ashpan Arrangement	3" to 1' elevations and plan in relation to engine	- .4.09	1909	Y65	F7	P	242	-
I 6671	Four Wheels Coupled Radial Tank Engines Class Y65-Ashpan Details	3" to 1' and full size details of components	- .4.09	1909	Y65	F7	P	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6672	Four Wheels Coupled Tank Engines Class Y65-Reversing Shaft Brackets	Full size details of brackets	22.3.09	1909	Y65	F7	P	247	-
I 6673	Four Wheels Coupled Radial Tank Engines Y65 Class-Springs	3" to 1' elevations and plans of four types of spring Endorsed: amended on 28.6.09 and for A67 and future engines 1.7.09	- .3.09	1909	Y65	F7	P	247	-
I 6674	Four Coupled Radial Tank Engines Class Y65-Driving and Intermediate Axle Box	Full size elevations and sections Endorsed: altered to red 22.3.20	- .2.09	1909	Y65	F7	P	247	-
I 6675	Four Wheels Coupled Radial Tank Engines Class Y65-Tank Connecting Pipe	3" to 1' details of pipe Endorsed: amended for engines class A67	7.4.9	1909	Y65	F7	P	247	-
I 6677	Four Wheels Coupled Radial Tank Engines Class Y65-Front and Back Cab Windows 7.4.09 Y65 F7	3" to 1' elevations and plan and full size details Endorsed: for front and back windows A67 class see Dg No 16736 10.7.09; steel communication chain to be used in place of brass chain 24.12.15	7.4.09	1909	Y65	F7	P	242	-
I 6678	Four Wheels Coupled Radial Tank Engines Class Y65-Cab Side Windows	3" to 1' arrangement of windows and full size details of components Endorsed: altered to red for engines class A67 23.7.09	5.4.09	1909	Y65	F7	P	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6679	Cast Steel Driving and Intermediate Wheels Y65 Class	3" to 1' elevations and section of 4'10" on tread	- .3.09	1909	Y65	F7	P	242	-
I 6680	Four Wheels Coupled Radial Tank Engines Class Y65- Coupling Rod and Crank Pin	Full size elevations and plan Endorsed: amended 20.12.30 and 25.10.48	- .3.09	1909	Y65	F7	P	242	-
I 6681	Four Wheels Coupled Radial Tank Engines Class Y65- Tank Stays	3" to 1' arrangement showing position of stays and full size details of stays Endorsed: altered 17.6.09	- .5.09	1909	Y65	F7	P	348	
I 6682	Four Wheels Coupled Radial Tank Engines Y65 Class- Indicating Gear	3" to 1' elevations and plan of gear in relation to smokebox	24.6.09	1909	Y65	F7	CP	349	
I 6683	Four Wheels Coupled Radial Tank Engines Class Y65- Frame and Boiler Stay	3" to 1' details of boiler stay and full size details of frame stay	- .4.09	1909	Y65	F7	P	348	
I 6684	Four Wheels Coupled Radial Tank Engines Class Y65- Details of Boiler Stays	Full size details of stays	- .4.09	1909	Y65	F7	CP	348	
I 6685	Four Wheels Coupled Radial Tank Engines Y65 Class- Rod, Pipe and Clothing Arrangement	1½" to 1' side and end elevation and plan of 2-4-2 engine Endorsed: altered to red for A67 25.10.09 and 7.12.09	10.6.09	1909	Y65	F7	P	348	3
I 6686	Four Wheels Coupled Radial Tank Engines-Rod, Pipe and Clothing and Injector Details Class Y65	Full size injector details and various clips and brackets Endorsed: altered 17.9.09, 26.10.09 and 26.6.10	- .6.09	1909	Y65	F7	P	348	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16686 Att	Alteration to Vacuum Pipe for Engines Class T19 Belpaire with G16 Bogie	1½" to 1' elevation and plan showing pipe run on outline of frame	- .12.04	1904	T19	D13	CP	361	
16687	Four Wheels Coupled Radial Tank Engines Class Y65- Arrangement of Spring Gear	3" to 1' elevations and plans for each pair of wheels Endorsed: altered to blue for A67 and future engines 1.7.09; altered to red for Y65 and future engine 21.6.09; for details see Dg No 16688	- .5.09	1909	Y65	F7	P	349	
16688	Four Wheels Coupled Radial Tank Engines Class Y65- Spring Gear Details	Full size details of numerous components Endorsed: altered for class A67 and future engines 1.7.09 and for Y65 and future engines 21.6.09	- .5.09	1909	Y65	F7	P	349	
16690	Four Wheels Coupled Radial Tank Engines Class Y65- Reversing Shaft	3" to 1' and full size details of shaft and fittings	- .4.09	1909	Y65	F7	P	348	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I6691	Four Wheels Coupled Radial Tank Engines Y65 Class-Arrangement and Details of Reversing Gear	3" to 1' elevations and plan of gear and bracket with full size details	- .4.09	1909	Y65	F7	CP	349	
I6692	Four Wheels Coupled Radial Tank Engines Y65 Class-Reversing Screw Bracket	Full size elevations and plan of bracket and components Endorsed: altered 24.5.09, 20.7.09 and 1.12.09	- .4.09	1909	Y65	F7	P	349	
I6693	Four Wheels Coupled Radial Tank Engines Y65 Class-Cab, Tank and Bunker Details	3" to 1' and full size details of components Endorsed: altered for B74 class 12.6.13	- .6.09	1909	Y65	F7	P	349	
I6694	Four Wheels Coupled Radial Tank Engines Class Y65 & A67-Asbestos Clothing 4.09	1½" to 1' plans of 9 asbestos mats	- .4.09	1909	Y65	F7	CI	348	
I6695	Four Wheels Radial Tank Engines Y65 Class-Driving Sand Box Arrangement and Details	6" to 1' elevations and plan of sandbox and fittings	- .4.09	1909	Y65	F7	CP	348	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16696	Four Wheels Coupled Tank Engines Y65 Class-Details of Radial Axlebox	3" to 1' details of components Endorsed: altered 22.6.09 and 4.10.09 for classes Y65 and A67; altered for engines Nos 1300 and 1301 only 21.6.09 For arrangement of radial axlebox see Dg No 16662	- .4.09	1909	Y65	F7	P	348	
16697	Four Wheels Coupled Radial Tank Engines Y65 Class-Trailing Axlebox	3" to 1' elevations, plan and sections with details	- .4.09	1909	Y65	F7	P	348	
16698	Four Wheels Coupled Radial Tank Engines Class Y65-Cylinder Cock and Sanding Gear Details	1½", 3" and 6" to 1' and full size details of fittings	-	1909	Y65	F7	CP	348	
16699	Four Wheels Coupled Tank Engines Class Y65-Brake Arrangement	1½" to 1' outline elevations and plan of engine showing arrangement of brakework	- .5.09	1909	Y65	F7	BL	348	
16699	Four Wheels Coupled Tank Engines Class Y65-Brake Arrangement	1½" to 1' arrangement on outline elevations and plan of engine Endorsed: altered 29.4.22	- .5.09	1909	Y65	F7	P	349	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16699	Arrangement of Additional Westinghouse Pump on Auto Train Engine	1½" to 1' arrangement of pump in relation to part elevations and plan of engine	- .10.14	1914	Y65	F7	P	349	
Att									
16700	Four Wheels Coupled Radial Tank Engines Y65 Class- Brake Gear Details	Endorsed: altered 13.7.33 Note: drawing virtually illegible	- .5.09	1909	Y65	F7	CP	349	4
16702	Buffer, Spindle and Guide Tenders S23 and T46 Classes	Full size elevations and plan	27.9.09	1909	S23	-	CP	349	
16711	Vacuum Ejector with Auxiliary Application Valve- Arrangement on Boiler Engines Class D56	6" to 1' arrangement of valve with full size details	14.6.09	1909	D56	D15	P-C	348	
16712	Tool Box for Engines and Tenders	6" to 1' elevations and plan of tool box made of 1/8" plate with full size details of fittings Endorsed: work to red for large tool box for tenders classes A53 and R43; for large toolbox for tenders T46 see Dg No 11447; hinges for lid altered to blue 25.2.26	- .6.09	1909	-	-	CI	348	
16714	No 40 Combination Ejector with Auxiliary Application Valve Vacuum Automatic Brake Type C	Full size undimensioned elevations of left hand ejector Copy of Vacuum Brake Co Dg 10377 dated 27.2.08	17.6.09	1909	-	-	P	348	
16717	Four Wheels Coupled Bogie Express Engines Class D56-Cast Iron Chimney Base for Petticoat	6" to 1' sectional elevations and plan Endorsed: altered for classes S46, T19 Belpaire, F48, G65, S69, E72; see Dg No 23278 for K85 21.12.20	- .6.09	1909	D56	D15	CI-C	348	
16721	Oil Box for Saddle Pins for Tender Engines	Full size arrangement of pin	- .6.09	1909	-	-	CP	348	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6721	Six Wheels Bogie Express Engines Class 1500 Type B12-Oil Cup and Oil Pipe for Lubricating Saddle Pins	Full size elevations Endorsed: altered for class N7 engines 18.4.56	7.5.19	1919	S69	B12	P	349	
I 6728	Four Wheels Coupled Tank Engines Class P55-Arrangement and Details of Trailing Sand Box	3" to 1' arrangement of sandbox and full size details of components	- .7.09	1909	P55	F5	CI	349	
I 6733	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details for Wakefield's Patent Mechanical Lubricator	1 1/2" to 1' arrangement in relation to part side elevation and plan of engine and 6" to 1' and full size details of components Endorsed: altered 30.6.39	- .8.10	1910	D56	D15	P	349	
I 6736	Four Wheels Coupled Radial Tank Engines A67 Class-Front and Back Cab Windows	3" to 1' elevation of cab end and full size details of fittings Endorsed: steel communication chain to be used in place of brass chain	- .8.09	1909	A67	F7	CP	349	
I 6746	Pressed Steel Lid for Wagon Axlebox 'E'	Full size sections and plan	30.12.08	1908	-	-	CI-C	278	-
I 6765	Bearing Spring for Milk Vans A66 and Parcels Vans D66	3" to 1' elevation, section and plan of 6 plate spring 5'0" when straight D66 39M Enorsed: altered 15.3.09	30.1.09	1909	A66 D66	40M 39M	CI-C	278	-
I 6791	Emergency Coupling for Suburban Carriages	Full size elevation and plan of link that uses the twin lugs either side of the central drawbar Endorsed: altered 14.4.09	- .3.09	1909	-	-	P-C	277	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6792	Ironwork Details for Side Bearing and Bolster Spring Gear for First Class Saloon X65 Class	3" to 1' details of components	- .3.09	1909	X65	20C	CI-C	278	-
I 6799	Arrangement of Accelerating Apparatus for Vacuum Brake on 19Ft Covered Goods Wagons	1½" to 1' sectional elevations and plan of part of frame showing arrangement of apparatus	8.3.09	1909	-	47W	P-C	278	-
I 6800	Arrangement of Accelerating Apparatus for Vacuum Brake on 10 Tons Goods Brake	1½" to 1' sectional elevations and plan showing apparatus on underframe	8.3.09	1909	-	1W	P-C	277	-
I 6802	Alterations to Sand Trap	Full size section of trap and details of components Endorsed: one express engine and one coal engine fitted for trial; altered 18.11.09	- .3.09	1909	-	-	PC	349	
I 6804	Bearing Spring for First Class Saloon X65	3" to 1' elevation, section and plan of 7 plate spring 5'0" centres when straight Endorsed: altered 22.3.10 & 19.12.14; camber altered for T66 and future classes; for bearing spring for G, H & I78 and future stock see Dg No 17566 19.12.14	8.3.09	1909	X65	20C	CI-C	278	-
I 6807	Alteration to Spring Seat and Lug Opening of 'P' Axlebox for First Class Saloon X65	Full size section and plan Endorsed: altered 19.10.09 & 25.8.10; to be attached to Dg No 16125 Shop Copy	- .3.09	1909	X65	20C	P-C	278	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16809	Standard Wagon Axlebox E	Full size elevations, plan and sections with details of 3 brasses: ordinary 3¾" dia, 20 tons machine trucks 4¼" dia and 5 tons travelling cranes 4" dia	- .3.09	1909	-	-	CI-C	277	-
16815	Buffing Springs	3" to 1' elevation, plan and section of 12 plate spring 4'11" unloaded Endorsed: buckle amended 29.1.14	- .4.09	1909	-	-	P-C	278	-
16816	Six Wheels Coupled Bogie Express Engines Class A73- Air Sanding Valve	Full size elevations and plan of valve	17.12.12	1912	A73	B12	P	348	
Att									
16816	Air Sanding Valve for Engines D56 Class	Full size sections of valve also applicable to class S69	- .3.09	1909	D56	D15	P-C	349	
16817	First Class Saloon X65-Arrangement of and Details of Truss for Bogies	1½" and 3" to 1' details of truss rods for 8' wheelbase bogie with inverted L section solebar Endorsed: altered 2.4.09; also to be fitted to bogies built to Dg No 16024 22.4.09; these holes to be marked off from frame for use on spare bogies altered to Dg Nos 20777 and 20776	- .4.09	1909	X65	20C	P-C	278	-
16820	Wagon Draw Springs	Full size details of 6½" diameter spiral spring Endorsed: superseded by Dg No 18456							
16821	Wagon Auxiliary Draw Springs	Full size details of 7¼" diameter spring Endorsed: cancelled see new Dg No 18736 4.6.13	- .4.09	1909	-	-	P-C	277	-
16834	General Arrangement of Gunpowder Van G66 Class	1½" to 1' general arrangement of 16'0" steel plated van and underframe	13.5.09	1909	G66	62W	P-C	277	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16861	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of Steam Heating Apparatus	1 1/2" to 1' arrangement of apparatus shown in relation to part elevations and plan of engine and full size details Endorsed: for other details see Dg No 14826 & 17518; altered in green for engines fitted with the Vacuum brake; for arrangement of steam heating pipe to leading end of engine see Dg No 17518; other alterations dated 28.12.11	- .7.09	1909	D56	D15	P	349	
16874	GNR, GCR & GER Arrangement of 10 ton Covered Goods Wagon	1 1/2" to 1' general arrangement of 19' van fitted with oil axleboxes with full size sections of doorway Endorsed: for internal ventilator see Dg No 23801 29.8.22; chamfers on body sheeting modified 7.1.14	15.9.09	1909	P68	72W	P	370	
16876	GNR, GCR & GER Arrangement of 17ft 10 Ton Open Goods Wagon	1 1/2" to 1' general arrangement of 7 plank wagon 4' 0 1/2" deep with top doors and fitted with oil axleboxes	- .9.09	1914	-	73W	P	370	
16878 -1	GER 10 Ton Covered Goods Wagon L69-Details of Framework	1 1/2" to 1' details of numerous components Endorsed: 50 of P68 built to this but altered to L69 6.1.11; altered 25.2.13 My note: title originally GNR, GCR & GER	- .9.10	1910	-	72W	P	370	
16879 -1	GNR, GCR & GER -Frame Details of 17Ft 10 Ton Open Goods Wagon	3" to 1' details of numerous components Endorsed: work to green for wagons fitted with taper nose doors	- .8.10	1910	-	73W	P	370	
16880	GNR, GCR, GER-Details of Ironwork for 10 Ton Covered Goods Wagon (Wood Framed Body)	1 1/2" & 3" to 1' details of components Endorsed: signed by Ivatt, Robinson and Holden	- .6.10	1910	-	-	P	371	
16881	GNR, GCR & GER-Details of Ironwork for 10 Ton Covered Goods Wagon (Steel Framed Body)	1 1/2" and 3" to 1' details of numerous components, dg signed by Ivatt, Robinson and Holden	- .7.10	1910	-	-	P	370	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6882	GNR, GCR & GER-Details of Ironwork for 19Ft 10 Tons Open Goods Wagon (Wood Frame)	3" to 1' details of numerous components	- .7.10	1910	-	-	P	370	
I 6884	GNR, GCR & GER-Details of Ironwork for 17Ft 10 Ton Open Goods Wagon	3" to 1' details of numerous components	- .7.10	1910	-	-	P	370	
I 6884	GNR, GCR & GER-Details of Ironwork for 17Ft 10 Ton Open Goods Wagon	3" to 1' details of numerous components Endorsed: signed by Ivatt, Robinson and Holden	- .7.10	1910	-	-	P	371	
I 6886	GNR, GCR & GER Wagon Wheel and Axle	3" to 1' elevations of wheel and wheel set with 8" x 3¾ journals at 6'6" centres and full size section of tyre Endorsed: signed by Ivatt, Robinson and Holden	18.8.09	1909	-	-	P	371	
I 6886 -I	GER Wagon Wheel and Axle	3" to 1' elevations of wheel and wheel set with 8" x 3¾ journals at 6'6" centres and full size section of tyre	- .8.10	1910	-	-	P	371	
I 6887	GNR, GCR & GER-Axlebox	Full size elevations, sections and plans of oil axlebox for 8" x 3 ¾" journals	- .10.10	1910	-	-	P-C	370	
I 6887 -I	GER Axlebox	Full size elevations, sections and plans of oil axlebox for 8" x 3 ¾" journals Endorsed: several alterations to I.I.20; for bearing see Dg No 23199; title altered from GNR, GCR & GER	- .10.10	1910	-	-	P	370	
I 6887 -I	Axlebox A.I.	Full size elevations, sections and plans of oil axlebox for 8" x 3 ¾" journals Endorsed: altered I.I.20 & 26.9.27; for future bearings see Dg No 23199	4.9.17	1917	-	-	P	370	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My note: this is an adaptation of the axlebox in Dg No 16887 but with modifications to suit GER							
16888	GNR, GCR & GER-Screw Coupling for Wagons Fitted with Vacuum Brake Pipe	Full size elevation and plan of coupling with written details of modifications to be made to buffers, springs and guides Endorsed: altered to red 9.7.12	- .7.10	1910	-	-	P	371	
16888	GNR, GCR, GER-Screw Coupling for Wagons Fitted with Vacuum Brake Pipe	Full size elevation and plan of coupling Endorsed: signed by Ivatt, Robinson and Holden	- .7.10	1910	-	-	P	371	
16889	GNR, GCR & GER-Cast Iron Details for Wagon	6" to 1' details of bearing and buffing spring shoes, stops and packing block for wood and steel frames Endorsed: signed by Ivatt, Robinson and Holden	28.1.10	1910	-	-	P	371	
16891	GNR, GCR & GER Buffer Guide for Wagons	Full size side and end elevations of ribbed guide projecting 11"	- .7.10	1910	-	-	P	443	2
16892	GNR, GCR & GER Details of Brakework for 15, 17 and 19 Ft 10 Ton Coal and Covered Goods Wagons	3" to 1' elevations and plans of components with full size details of clutch and lever end	- .7.10	1910	-	-	P	448	2
16892 -1	GER Details of Brakework for 17Ft and 19Ft 10 Ton Open and Covered Wagons	3" to 1' details of brake work components with full size enlargement of clutch Endorsed: numerous alterations	- .8.10	1910	-	-	P	437	
16893	GNR, GCR & GER Private Owners Buffing Spring Fitted to 19Ft Wood Framed Wagons	1½" to 1' part sectional elevation and plan of wooden framed wagon	- .7.10	1910	-	-	P-C	437	
16896 -1	GER Wagon Bearing Spring	Full size half elevation and plan of 4 plate spring 3' 5 7/8" centres unloaded and section	- .8.10	1910	-	-	P-C	448	2
16896	GNR, GCR & GER Wagon Bearing Spring	Full size half elevation and plan of 4 plate spring 3' 5 7/8" centres unloaded and section	- .8.10.	1910	-	-	P-C	448	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16897	GNR, GCR, GER Buffing Spring	Full size half elevation and plan of 12 plate spring 4'11" centres unloaded and section	- .7.10	1910	-	-	P-C	437	
16897 -1	Wagon Buffing Spring	Full size half elevation and plan with section of 12 plate spring 4'11" unloaded Endorsed: altered 29.1.14	- .8.10	1910	-	-	P	437	
16898	GNR, GCR & GER Private Owners Buffing Spring	Full size half plan of. 14 plate spring 5' 10½" centres and section through buckle	- .7.10	1910	-	-	P-C	443	2
16899	GNR, GCR & GER Details of Framework Etc to Suit Private Owners Buffing Gear 7.10.	3" to 1' details of components for various steel framed wagons	- .7.10	1910	-	-	P	437	
16900	GNR, GCR & GER Private Owners Buffing Spring Fitted to 15Ft 10 Ton Coal Wagon	1½" to 1' part sectional side elevation of frame and plan	- .7.10	1910	-	-	P	437	
16910	Buffing Spring for 20 Ton Goods Brake P66	Full size half elevation and plan of 10 plate spring 5'0" unloaded and section	- .8.09	1909	P66	56W	P	437	
16916	Steam Cock for Sight Feed Lubricator and Pressure Gauge for All Classes except T19 Belpaire and Y65	Full size elevation and sectional elevation of cock Endorsed: for T19 Belpaire see Dg No 13447; for Y65 see Dg No 16686	13.9.09	1909	-	-	CI-C	332	
16917	Headstock Cap and Buffer Shoe for Cattle and Horse Boxes (Wood Frames)	Full size elevations and plans of the two components	- .9.09	1909	-	-	P	437	
16919	General Arrangement of Cattle Wagon with Wood Underframe C67 Class	1½" to 1' elevations, sections and plan of 18' 7" over headstocks Endorsed: altered 12.5.11 & 14.8.13 8 for E76 and future stock, single brake to be fitted on both sides; 12.5.11 height increased by 3½" for D70 and future stock	- .10.09	1909	C67	71W	P	443	2
16922	Four Wheels Coupled Bogie Express Engines Class D56-Brake Details	3" to 1" and full size details of components Endorsed: altered 14.9.15, 22.6.26 and 13.7.33	- .10.09	1909	D56	D15	CI	332	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16922	Four Wheels Coupled Bogie Express Engines Class D56-Brake Details	6" to 1' details of 6 components	31.1.16	1916	D56	D15	P	332	
16924	Side, End and Roof Plates for Gunpowder Van G66	1 ½" to 1' details of 8 body and roof plates and 3" to 1' plan of roof joint plate Endorsed: altered S72 class and future classes 16.10.12	12.10.09	1909	G66	62W	CI-C	448	I
16929	Arrangement of Slip Appliance	3" to 1' elevations of lever operating brake valve in brake van Endorsed: see D No 213	- .7.08	1908	-	-	P	437	
16931	Engines Classes Y14, T19, T26, N31, C32-Foundation Ring	3" to 1' arrangement of ring and full size details of riveting Endorsed: altered for Y14 class fitted with steel firebox 28.11.16	- .10.09	1909	Y14 T19 T26 N31 C32	J15 D13 E4 J14 F3	CI-C	332	
16941	Four Wheels Coupled Tank Engines Class P55-Foundation Ring	3" to 1' arrangement of ring and full size sections of riveting	8.11.09	1909	P55	F4	CI-C	332	
16942	20 Ton Loco Coal Wagons-Wheel (Fitted with Gibson Ring) and Axle	6" to 1' half elevation and section of 3'1" 9 spoke wheel, full size section through rim and 3" to 1' elevation of axle	18.11.09	1909	-	-	CI	437	

Att

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16947	GNR, GCR & GER Arrangement of McCord's Spring Dampeners Fitted to Steel and Wood Framed Wagons	Full size side and end elevations showing the dampener on frames with 3'2" dia wheels	- .7.10	1910	-	-	P-C	443	2
16948	Standard 10 Ton Wagon Wheel (Fitted with Gibson Ring) and Axle	6" to 1' half elevation and section of 3'1" 8 spoke wheel, full size section through rim and 3" to 1' elevation of axle Endorsed: superseded by Dg No 20307	- .11.09	1909	-	-	CI-C	437	
16954	Sketch Showing Relative Positions of Engine and Tender and Carriage and Wagon Buffers	1½" to 1' side elevation and plan of buffer positions	22.11.09	1909	-	-	CP	332	
16955	Punt for Pyewipe Loco	1½" to 1' elevations, plan and sections of 11' long punt 5' wide total depth of 1'6" for up to 6 men	- .11.09	1909	-	-	CI-C	332	
16957	Proposed Alteration to 6 Wheeled 20 Ton Machine Truck to Enable it to Run Round a 2½ Chain Curve	3" to 1' end elevation of centre wheels and sections of axlebox and journal standing on a 2 1/2 chain curve and plan of wheel positions	24.11.09	1909	Z44	26W	P	443	2
16974	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details for Detroit Sight Feed Lubricator	½" to 1' arrangement of lubricator shown on part of cab and full size details of brackets and unions	- .1.10	1910	D56	B12	P	332	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16976	Four Wheels Coupled Radial Tank Engines Class P55- Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement on outline of part of engine and 3", 6" to 1' and full size details of fittings and components	20.1.10	1910	P55	F4	CIC	331	
16988	Arrangement of Brake Work for Antwerp Train L67	¾" to 1' arrangement of 50ft body of full brake showing side and two end elevations and plan	- .2.10	1910	L67	539C	CI-C	447	1
16992	Four Wheels Coupled Radial Tank Engines Class P55- Arrangement of Cab	1½" to 1' elevations and plan of cab and full size details of brackets	- .2.10	1910	P55	F4	CI	331	
16993	Cast Iron Condensing Vent Pipe Four Wheels Coupled Radial Tank Engines P55 Class	3" to 1' elevations and plan of pipe shown in relation to cab front Endorsed: not required for G69, see Dg No Att 14319 25.2.11	- .2.10	1910	P55	F4	P-C	331	
16997	Four Wheels Coupled Radial Tank Engines Class P55- Rod, Pipe, Clothing and Brake Arrangement	1½" to 1" elevation, end elevation at cab end and plan	- .2.10	1910	P55	F4	CI-C	330	
16997	Four Wheels Coupled Radial Tank Engines Class P55 (F4)-Rod, Pipe, Clothing and Brake Arrangement	1½" to 1" elevation, end elevation at cab end and plan Endorsed: proposed arrangement of steam sanding to driving wheels shown in red	30.3.11	1911	P55	F4	P	330	3
16997	Four Wheels Coupled Radial Tank Engines Class P55 (F4)-Rod, Pipe, Clothing and Brake Arrangement	1½" to 1" elevation, end elevation at cab end and plan Endorsed: proposed arrangement of steam sanding to driving wheels shown in red	30.3.11	1911	P55	F4	P	330	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17006	Bending Moment Diagrams of Four Coupled Radial Tank Engine Y65 Class on a 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	14.7.09	1909	Y65	F7	CI	331	
17050	BM Diagram of Four Wheels Coupled Tram Engine Crossing 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	- .11.09	1909	-	-	CIP	330	
17051	BM Diagram of Four Wheels Coupled Shunting Engine 209 Class Crossing 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	8.11.09	1909	-	-	CIP	330	
17052	BM Diagram of Six Wheels Coupled Tank Engine T18 Class Crossing 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	8.11.09	1909	-	-	CI	330	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17053	BM Diagram of Six Wheels Coupled Tank Engine E22 Class Crossing 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	8.11.09	1909	-	-	CI	330	
17066	Four Wheels Coupled Radial Tank Engines ClassP55- Proposed Alteration to Valve Spindle and Steam Chest Cover	Full size details of cover and 6" to 1' elevation of valve spindle	- .12.09	1909	P55	F4	CI-C	331	
17105	Four Wheels Coupled Radial Tank Engines M15 Class (650)-Diagram of Eng. on 6 Chain Curve	1 1/2" to 1' plan view of wheels on rails	- .6.10	1910	M15	-	P	331	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17148	Diagram Showing Proposed Position of Tail Lamp Irons	1/2" to 1' outline end elevations of 5 types of main line and suburban carriage showing lamp iron positions and removal of existing fittings Endorsed: main line carriage with gangway see Dg No 19106	3.10.10	1910	-	-	P	436	
17173	Six Wheels Coupled Goods Engines Class G58 (F48)-Arrangement of Dry Sanding Gear	1 1/2" to 1' arrangement shown on part elevations and plan of engine Endorsed: steam cock and pipes for rail cleaning not required 9.8.18	- .10.10	1910	G58	J16	P	331	
17189	Four Wheels Coupled Radial Tank Engines Class G69-Connecting Rod	Full size elevations and plan of rod Endorsed: altered 21.7.21, 7.5.23, 5.6.25 and 21.1.26	- .12.10	1910	G69	F6	CI	332	
17201	Six Wheels Coupled Bogie Express Engines Type B12 Class S69-Framing Arrangement	1 1/2" to 1' elevations and plan of frame Endorsed: frame stay modified 5.34; for alteration to this frame to suit cylinders to Dg 29864 see Attachment to this drawing	- .9.31	1931	S69	B12	PL	209	-
17201	Alteration to Frame to Suit Cylinders to Dg No 29864-Engines Type B12	1 1/2" to 1' side elevation of frame at bogie end	- .2.35	1935	-	B12	PL	209	-
Att									
17202	Six Wheels Coupled Bogie Express Engines Class S69-Bogie Arrangement	6" to 1' elevations, sections and plan of 6'6" wheelbase bogie Endorsed: for bogie centre rubbing disc see Dg No 30636 and alterations to controlling gear see Dg No 29586 18.7.34	- .6.11	1911	S69	B12	P	332	
17204	Six Wheels Coupled Bogie Express Engines Class S69-Intermediate and Trailing Wheels	3" to 1' elevation and section of 6'0" diameter wheel and full size sections Endorsed: for profiles of tyres see Dg No 17284 21.12.11	- .8.11	1911	S69	B12	P	330	
17205	Six Wheels Coupled Bogie Express Engines Class S69-Crank Axle	3" to 1' elevations of crank axle Endorsed: see Dg No 19802 for B78 24.3.15	-3.10	1910	S69	B12	CIC	330	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17212	Six Wheels Coupled Bogie Express Engines Class S69, E72-Connecting Rod	Full size elevations, plans and sections of rod E72 J18 Endorsed: numerous alterations up to 29.7.25	- .5.10	1910	S69 E72	B12 J18	CIC	330	
17213	Six Wheels Coupled Bogie Express Engines Classes S69, E72, D81-Crosshead	Full size elevations, plans and sections of crosshead E72 J18 Endorsed: several alterations up to 9.7.24	- .5.10	1910	S69 E72 D81	B12 J18 J20	CIC	330	
17215	Six Wheels Coupled Bogie Express Engines Class (blank)-Cylinders	3" to 1' sections, elevations and plans of cylinder Endorsed: cancelled see Dg No 17223 26.4.11	- .4.10	1910	-	-	CP	330	3
17215	Six Wheels Coupled Bogie Express Engines Class S69- Foundation Ring	1/4" to 1' arrangement of ring and full size details of riveting	25.3.11	1911	S69	B12	P	331	
17216 Ren	Engines Type B12-Driving Axlebox and Hornblock	6" to 1' elevations, sections and plans Endorsed: altered 9.53	5.8.42	1942	-	B12	P	330	
17217	Six Wheels Coupled Bogie Express Engines Class S69- Bogie Pin and Stretcher	3" to 1' elevations and plan of components	23.5.11	1911	S69	B12	P	331	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17220	Six Wheels Coupled Express Engines S69 Class- Alteration to Bottom of Footplate Casting	3" to 1' elevation and plan of casing	11.5.11	1911	S69	B12	P	330	
17220	Six Wheels Coupled Bogie Express Engines-Reservoir Footplate	3" to 1' elevations, plans and sections	- .7.10	1910	S69	B12	P	332	3
17221	Six Wheels Coupled Bogie Express Engines Class S69- Smokebox	3" to 1' sectional side and end elevation of smokebox and cylinders	- .10.11	1911	S69	B12	PL-C	368	
17222	Six Wheels Coupled Bogie Express Engines Class S69- Flanged Boiler Plate	1½" to 1' elevations of 6 types of flanged plate	- .4.11	1911	S69	B12	CI	367	
Part									
17222	Six Wheels Coupled Bogie Express Engines Type B12 (Class S69)-Boiler	1½" to 1' elevations, sections and plan of boiler with 6" to 1' details of joints and riveting	2.10.31	1931	S69	B12	PL	368	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren									
17223	Six Wheels Coupled Bogie Express Engines Class S69, E72-Cylinders with Piston Valves	6" to 1' elevations, plans and sections of cylinders Endorsed: altered 17.9.12 and 13.10.20; altered for class E72 see also Attachments 1 and 2	16.1.11	1911	S69	B12	CI	367	
17223	Six Wheels Coupled Bogie Express Engines Class S69- Cylinders with Piston Valves	3" to 1' elevations, sections and plan of cylinder	- .12.19	1919	S69	B12	P	368	
17223 Ren	Six Wheels Coupled Bogie Express Engines Class B12- Cylinders with Piston Valves	3" to 1' elevations, sections and plan of cylinder Endorsed: renewed 12.30; for alteration to cylinder flanges see Dg No 17223E Att No 2	- .12.19	1919	S69	B12	P-C	368	
17224	Six Wheels Coupled Bogie Express Engines Class S69- Piston Valves and Spindle	Full size elevations	- .7.11	1911	S69	B12	P	367	
17225	Six Wheels Coupled Bogie Express Engines S69 Class, E72-Valve Bushing for Piston Valve	Full size elevations of bushing and development of steam ports Endorsed: altered 5.11.13 and 30.3.16; for two part valve bushing for piston valves with narrow rings see Dg No 23240	3.3.11	1911	S69 E72	B12 J18	P	369	
17226	Six Wheels Coupled Bogie Express Engines S69, E72- Valve Chest Covers	Full size elevation and section Endorsed: altered 4.12.11, 7.11.31 and 31.8.32	- .3.11	1911	S69 E72	B12 J18	CI-C	369	
17227	Six Wheels Coupled Bogie Express Engines Class S69, E72-Front Cylinder Cover and Tightening Bolt	6" to 1' section and elevation of cover and full size details of bolt Endorsed: altered 14.2.14 and 18.8.14	- .5.11	1911	S69 E72	B12 J18	P	367	
17228	Six Wheels Coupled Bogie Express Engines S69 Class, E72-Back Cylinder Cover with United States Metallic Packing	Full size elevations, sections and plan of cover and fittings	3.7.11	1911	S69 E72	B12 J18	CI	368	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17230	Six Wheels Coupled Bogie Express Engines S69 Class and L77 & E72-Relief Valve for Cylinders	Full size sectional elevation and plan of gun metal components	11.4.19	1919	S69 L77 E72	B12 N7 J17	P	368	
17230	Six Wheels Coupled Bogie Express Engines S69 Class, E72, L77-Relief Valve for Cylinders	Full size section and elevations of valve	- .8.11	1911	S69 E72 L77	B12 J18 N7	CI-C	369	
17233	Six Wheels Coupled Bogie Express Engines S69 Class- Cast Steel Header for Schmidt Superheater	6" to 1' elevation, plan and section and plan of header	7.3.11	1911	S69	B12	P	367	
17233 Att 2	Six Wheels Coupled Bogie Express Engines S69 Class and Six Wheels Coupled Coal Engines Classes E72 & D81-Alteration of Cylinder Flanges to Frame	3" to 1' sectional elevations	4.4.21	1921	S69 E72	B12 J18	P	367	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17234	Six Wheels Coupled Bogie Express Engines S69 Class- Bogie Wheel	6" to 1' elevation and section of 2'9" diameter 10 spoke wheel and full size section of wheel 3'3" diameter on tread Endorsed: for profile of tyre see Dg No 17284 20.12.11	23.3.11	1911	S69	B12	P	367	
17235	Six Wheels Coupled Bogie Express Engines Type B12 (Class S69)-Cast Steel Motion Plate	3" to 1" elevations and plan	27.11.31	1931	S69	B12	PL	368	
17235 Part	(Cast Steel Motion Plates)	3" to 1' elevation, section and plan of motion plates My note: title missing, class probably B12	17.5.29	1929	-	B12	P	368	
17235 Part	Modification to Motion Plate B12 Class	3" to 1' elevations and plan of motion plate	19.34.38	1938	-	B12		368	
17236	Six Wheels Coupled Bogie Express Engines Class S69- Driving Wheels	3" to 1' elevation and section of 20 spoke wheel 6'0" diameter without tyre and full size section of tyre Endorsed: for profiles of tyres see Dg No 17284 21.12.11	- .8.11	1911	S69	B12	P	369	
17237	Six Wheels Coupled Bogie Express Engines Class S69- Trailing Hornblock and Axlebox	6" to 1' elevations, sections and plan of hornblock and axlebox	- .5.11	1911	S69	B12	P	369	
17238	Six Wheels Coupled Bogie Express Engines Class S69- Spring Brackets and Slides	Full size elevations and plan of slides	12.5.11	1911	S69	B12	P	369	
17240	Six Wheels Coupled Bogie Express Engines S69 Class- Eccentric Sheaves	Full size elevations of sheaves Endorsed: altered for B78 class 24.3.15 and for D81 30.1.20	- .5.11	1911	S69	B12	BP	368	
17242	Six Wheels Coupled Bogie Express Engines Class S69- Coupling Rods and Crank Pins	6" to 1' details of components Endorsed: for new rods see Dg No 25727; other alterations to 25.10.48	- .5.11	1911	S69	B12	CI	367	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17243	Six Wheels Coupled Express Engines Type B12 (Class S69), Six Wheels Goods Engines Type J18 (Class E72) J20 (Class D81)-Details of Motion	Full size elevations and plans of components	19.10.31	1931	S69	B12	BL	368	
					E72 D81	J18 J20			
17244	Six Wheels Coupled Bogie Express Engines Class S69-Bogie Details	6" to 1' details of numerous components Endorsed: work to Attachment for alteration to S69 Class and also future engines 31.12.12	- .11.11	1911	S69	B12	P	367	
17244 Att	Alteration to Piston Valves S69 Class	Full size section of valve	29.6.12	1912	S69	B12	P	369	
17245	Six Wheels Coupled Bogie Express Engines Class S69, E72-Cast Steel Brackets for Motion Plate	6" to 1' and full size elevations and plan of plates Endorsed: see Attachment 11.5.14	- .5.11	1911	S69	B12	CI	367	
					E72	J18			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17245 Att	Six Wheels Coupled Bogie Express Engines-Wrought Iron Bracket for Motion Plate	6" to 1' elevations and plan of bracket	25.5.14	1914	S69	B12	P	367	
17246	Six Wheels Coupled Bogie Express Engines Classes S69, E72, D81-Slide Bar	3" to 1' and full size details of components E72 J18 Endorsed: altered 3.16 & 23.12.21 for classes E71 and D81 D81 J20	- .5.11	1911	S69 E72 D81	B12 J18 J20	P	368	
17248	Six Wheels Coupled Bogie Express Engines S69-Trailing Axle	6" to 1' elevation of axle 6'1 1/2" long	- .6.11	1911	S69	B12	P	367	
17249	Six Wheels coupled Bogie Express Engines S69 Class-Brake Arrangement	1" to 1' outline elevations and plan of engine showing arrangement of brakework Endorsed: altered 31.12.16	- .8.11	1911	S69	B12	P	367	
17250	Six Wheels Coupled Bogie Express Engines-Brake Details	(3" to 1') details of numerous components Endorsed: altered 30.10.19, 26.8.31 & 15.7.33	- .8.11	1911	S69	B12	CI	368	
17250 Att	Six Wheels Coupled Radial Tank Engine Class L77 (Non Superheater)-Smokebox	3" to 1' sectional elevations of smokebox Endorsed: see Dg No 21980 for K85 21.12.20; for other dimensions see Dg No 19250	17.12.14	1914	L77	N7	P-C	196	-
17251	Six Wheels Coupled Bogie Express Engines Class S69-Reversing Shaft	6" to 1' elevations and plan of shaft Endorsed: undated alteration; see Dg No 22463 for engines fitted with gear for ejecting smokebox ashes	- .6.11	1911	S69	B12	P	369	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 7251	Six Wheels Coupled Bogie Express Engines Class S69- Reversing Shaft	6" to 1' elevations and plan of shaft	- .6.11	1911	S69	B12	P	369	
I 7253	Six Wheels Coupled Bogie Express Engines Class S69, E72-Details of Motion	Full size elevations of components Endorsed: altered 20.10.11, 7.11.11 and 31.12.14	- .6.11	1911	S69	B12	P	369	
I 7256	Six Wheels Coupled Bogie Express Engines Class S69- Spring Arrangement	3" to 1' side elevation and plan showing arrangement in relation to horn block and axlebox	- .10.11	1911	S69	B12	P	369	
I 7258	Four Wheels Coupled Bogie Express Engines Class D56-Blast Pipe for Engines Fitted with Schmidt Superheater	6" to 1' sectional elevation and plan of blast pipe	- .10.10	1910	S69	B12	P	351	
I 7258	Six Wheels Coupled Bogie Express Engines Class S69- Spring Gear Details	Full size details of 6 components Endorsed: altered 6.3.24 and 7.25	16.8.11	1911	S69	B12	P	369	
I 7259	Six Wheels Coupled Express Engines Class S69- Motion Arrangement	3" to 1' elevation and plan of motion in relation to engine framing	-	1911	S69	B12	P	367	
I 7260	Six Wheels Coupled Express Engines Class S69-Cab and Splashes	1 1/2" to 1' elevations and plan of cab and splashes in relation to frame of engine Endorsed: for alteration to cab splasher plate see Attachment 6.10.11; position of number plate altered to red and beading added 27.9.12	28.8.11	1911	S69	B12	P	367	
I 7263	Six Wheels Coupled Express Engines Class S69- Expansion Bracket	6" to 1' elevation and plan of bracket and full size details of fixtures	- .8.11	1911	S69	B12	P	352	
I 7264	Six Wheels Coupled Bogie Express Engines Class S69- Reversing Arrangement	1 1/2" to 1' arrangement on outline elevations and plan of part of engine	- .7.11	1911	S69	B12	P	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Reversing Arrangement	Endorsed: undated alterations							
17266	Six Wheels Coupled Bogie Express Engines Class S69-Ashpan Details	6" to 1' and full size details of components Endorsed: altered 28.12.22 for future engines	7.9.11	1911	S69	B12	P	352	
17267	Six Wheels Coupled Bogie Express Engines Class S69-Ashpan Arrangement	3" to 1' elevations and plan of ashpan in relation to firebox Endorsed: altered 8.3.12 & 24.11.15	- .10.11	1911	S69	B12	P	352	
17272	Six Wheels Coupled Express Engines Class S69-Cab Front Windows	3" to 1' elevations of windows and full size details of components Endorsed: undated alterations	- .9.11	1911	S69	B12	P	352	
17275	Six Wheels Coupled Bogie Express Engines Class S69-Coupling Links and Pins between Engine and Tender	Full size elevations and plans of links Endorsed: altered for classes E72, T77 and X77; altered 16.4.53	- .9.11	1911	S69	B12	P	351	
17276	Six Wheels Coupled Bogie Express Engines S69 Class-Frame and Boiler Stay	3" to 1' details of boiler stay and full size details of frame stay	- .10.11	1911	S69	B12	P	351	
17277	Six Wheels Coupled Bogie Express Engines S69 Class-Sanding, Heating and Mechanical Lubricating Details	1½", 3" and 6" to 1' details of numerous components Endorsed: altered 31.10.12, altered for A73 5.6.13; and for B78 5.6.25 My note: badly torn, part missing including title	- .11.11	1911	S69	B12	P	351	3
17278	Six Wheels Coupled Bogie Express Engines Class S69-Cylinder Cock Gear Details	Full size details of components	11.10.11	1911	S69	B12	P	351	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: undated alterations							
17279	Six Wheels Coupled Bogie Express Engines Class S69- Westinghouse Exhaust Pipe Socket and Elbow	Full size elevations and details of fittings	- .10.11	1911	S69	B12	P	352	
17280	Six Wheels Coupled Bogie Express Engines Class S69	3" to 1' details of rod, pipe and clothing of 1500 side and end elevation, plan and sectional end elevation through smokebox Endorsed: altered 13.6.39 My note: drawing damaged, complete description lacking	-	1911	S69	B12	P	352	3
17280	Arrangement for Fitting S69 Class Engines with Wakefield's Patent Mechanical Lubricator No 7 Pattern	1½" to 1' arrangement shown on part side elevation and plan of footplate	8.9.18	1918	S69	B12	P	352	

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17280 Att	Six Wheels Coupled Express Engines Class S69- Alteration to Steam Heating Pipe for Engines with No 10 Exhaust Injector	1½" to 1' details of pipe in relation to part elevations and section of engine	24.3.15	1915	S69	B12	P	352	
17281	Six Wheels Coupled Express Engines Class S69- Footboard	1½" to 1' section and plan of footboard and 3" to 1' details of brackets and fittings Endorsed: altered 31.1.27 and 24.1.42	- .11.11	1911	S69	B12	P	352	
17285	Arrangement of Bogie Bolster Springs Showing Positions on Carriages of Various Weights	6" to 1' part elevation and plan showing nest of springs and packing required for different vehicle weights	5.2.12	1912	-	-	P	436	
17299	Diagram Showing Profiles of Tyres and Clearance from Guard Rail	Full size profiles for engine with thick tyre, engine with thin tyre and carriage and wagon tyre with tables of dimensions My note: guard rail more popularly known as the check rail	- .2.12	1912	-	-	CP	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17301	Bending Moment Diagram of S69 Class, Two S56 Chimney to Bunker, Two S44 Chimney to Chimney Crossing a 58Ft Span	1/4" to 1', 1/4" to 1 ton, 1" to 100 ft tons diagram	- .3.13	1913	S69 S56 S44	B12 J67 G4	CI-C	351	
17323	Six Wheels Coupled Tank Engines Class C72- Arrangement of Cab	1 1/2" to 1' side and end elevation of cab and tank and plan of tank top Endorsed: undated alteration by addition of coal rails	6.3.12	1912	C72	J68	P	351	
17324	Six Wheels Coupled Tank Engines Class C72-Cab Side Windows	3" to 1' elevations and full size details of components Endorsed: altered for class G75	- .3.12	1912	C72	J68	CI-C	351	
17387	Arrangement and Details of Standard Brake for 10 Ton Wagons	1 1/2" to 1' elevations and half plan of steel frame wagon with 9'6" wheelbase showing arrangement of brake and 3" to 1' details of brake components-a single lever operating two blocks on the same side	21.2.10	1910	-	-	P	436	
17389	Protector for Standard Round Cab Back Windows	Full size section and elevation of protector made from 7 vertical 3/8" bars	- .2.10	1910	-	-	CI-C	351	
17392	Four Wheels Coupled Radial Tank Engines Class P55- Cab Side Windows	3" to 1' elevation and plan with full size details of windows Endorsed: altered for class G69	- .3.10	1910	P55	F5	CIP	351	
17399	Asbestos Mats for Boiler and Smokebox-Six Coupled Tram Engines C53	1 1/2" to 1' plans of 13 asbestos mats	9.3.10	1910	C53	J70	P	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My note: a stores ordering drawing							
17411	Oil Axlebox 'Y' for Wagons	Full size elevations, sections and plan of box for journal 10" x 5" Endorsed: altered 16.2.11, 29.8.17, 13.5.18 & 1.1.20	- .3.1	1910	-	-	P	436	
17411	Oil Axlebox 'Y' for Wagons	Full size elevations, sections and plan of box for journal 10" x 5" Endorsed: 16.2.11, 29.8.17, 13.5.18 & 1.1.20	- .3.10	1910	-	-	P	437	
17413	Four Wheels Coupled Tank Engines Class G69- Arrangement and Details of Cab Doors	3" to 1' arrangement of door and 1" to 1' details of fittings Endorsed: altered to red for P55 class with cab to Dg No 16992 2.5.12; altered for L77 class 29.10.14; see Dg No 21977 for L77 class 11.3.21	- .2.11	1911	G69	F6	CI	352	
17432	Buffer Guide for Wagons	Full size side and end elevation of 11" guide type 'V' My note: original title was GNR, GCR & GER Endorsed: webs altered 6.3.16	- .8.10	1910	-	-	P	436	
17443	Arrangement of Pair Horse Parcels Van D&P368	1½" to 1' general arrangement of covered 4 wheel van 10'1 3/8" inside	1.6.10	1910	D&P368	-	P	437	
17445	Cast Steel Engine Wheels-Six Wheels Coupled Coal Engines T67	3" to 1' elevation and section of 4'4" diameter driving, leading and trailing wheels without tyres and full size section through rim and tyre	- .7.10	1910	T67	J17	P-C	352	
17445	Cast Steel Engine Wheels	3" to 1' elevation and section of 4'4" diameter driving, leading and trailing wheels without tyres	-	1910	T67	J17	P	352	
17458	Tinned Copper Cold Water Tank for Lavatory on Restaurant Cars Y67 Class	3" to 1' elevation and plan of 32 gallon capacity tank Endorsed: also used on classes A70 & Y69	17.7.10	1910	Y67	28C	P	443	2
17468	Four Wheels Coupled Radial Tank Engines Class Y65- Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement on outline elevations and part plan of engine 3" to 1' and full size details of components and fixings	- .6.10	1910	Y65	F7	BP	352	
17475	Sketch of Steam Pipe for Shunting Engine No 228	3" to 1' elevations of steam pipe in relation to boiler	- .6.10	1910	209	Y4	CP	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17481	Alterations to Door Fastening of Covered Goods Wagon	Full size and 6" to 1' elevations and details of door bar and fittings Endorsed: altered 15.10.10 & 14.3.13; one to be fitted for inspection; modified for meat wagon to 177	28.7.10	1910	-	47W	P	443	2
17498	Arrangement of Kitchen for Restaurant Cars Y67 Class, A70, S73, L76	¾" to 1' interior elevations, sections and plan showing full details of furnishing and fixtures	9.8.10	1910	Y67 A70 S73 L76	28C 28C 30C 31C	P	436	
17501	Restaurant Kitchen Car Y67	¾" to 1' general arrangement of 50' body with elevations of both sides and end elevation and interior plan Endorsed: undated alteration to extend the dining area and vestibule windows into the top panel; see tracings 31409 & 31484 for alteration to saloon	4.8.10	1910	Y67	28C	CI	443	2
17507	Screw Down Steam Valve for Sanding Gear Engs. F48 Class	Full size sections, elevation and plan	- .8.10	1910	F48	J16	CI-C	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17510	Six Wheels Coupled Tank Engines T18 Class- Arrangement and Details for Wakefield's Patent Mechanical Lubricator for Cylinders	1½" to 1' elevation and plan with 6" to 1' details of components	15.8.10	1910	T18	J66	CP	351	4
17511	Scheme for Articulated Shunting Engine	1½" to 1' outline side elevation of mallet engine 0-4-4-0 with 13" x 18" cylinders, water capacity 900 gallons, coal 2 tons, length 33'3" over frames, wheelbase 20'3", 3'7" dia wheels set at 5'9" wheelbase and 8'9" wheelbase between the two units	- .7.10	1910	-	-	CP	351	
17512	Six Wheels Coupled Tank Engines (Condensers)- Arrangement of Plates for Preserving Paint on Tank Sides	1½" to 1' elevations and plan of tanks showing plates 1'8" and 2'1" wide	- .8.10	1910	-	-	P	352	
17515	20Ft Span Bending Moment Diagram of Radial Tank G69 Class with the Addition of 0.52 Tons Weight on each Coupled Axle	¼" to 1', ¼" to 1 ton and 1" equals 100 Ft Tons	- .6.11	1911	G69	F6	CP	405	
17517	Private Owners New Type Draw Hook for GE Wagons	6" to 1' and full size elevation and plan of draw hook and 6" to 1' elevation and plan of 3 link coupling and drawbar plate Endorsed: altered 15.2.11 & 21.9.14	- .8.10	1910	-	-	P	443	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17518	Four Wheels Coupled Express Engines Class D56, S46-Arrangement of Steam Heating Pipe to Leading End	1½" to 1' arrangement of gear on outline of part of engine and full size details	- .8.10	1910	D56 S46	D15 D14	CP	351	
17525	Four Wheels Coupled Bogie Express Engines D56 Class-Cast Steel Header for Schmidt's Superheater	6" to 1' sections of header	- .8.10	1910	D56	D15	CI	351	
17529	Four Wheels Coupled Bogie Express Engines D56 Class-Smokebox on Engines with Schmidt Superheater	3" to 1' sectional side and end elevations of smokebox Endorsed: altered for class E69 31.1.11; altered for superheater boilers 21.12.21	- .11.10	1910	D56	D15	P	351	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17530	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Superheater-Piston Rod and Nut	Full size elevation of rod and details of nut Endorsed: altered 11.5.48	19.10.10	1910	D56	D15	CI-C	352	
17531	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Superheater- Slide Bar	Full size arrangement of slide bar Endorsed: amended 5.16 and 7.39; 'D15/2, D16, D16/3 with slide valve and J17' added to title	- .10.10	1910	D56	D15	CI-C	183	-
17532	Four Wheels Coupled Bogie Express Engines Class D56-Smokebox Details for "Swindon" (GWR) Superheater	3" and 6" to 1' details of components Endorsed: amended 2.11	- .10.10	1910	D56	D15	CI-C	183	-
17532 Part	Steel Steam Pipes for Swindon Superheater	3" to 1' details of pipes	- .12.10	1910	-	-	CP	188	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17533	Four Wheels Coupled Bogie Express Engines D56 Class, T19 Fitted with Superheater-Method of Lubricating Piston Rod and Valve Spindle	Full size arrangement of lubricator and fittings	27.7.11	1911	D56	D15	P-C	190	-
Att					T19	D13			
17534	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Superheater-Details of Metallic Packing and Casing for Valve Spindle	Full size details of components Endorsed: G58 class with superheater details for tail rod end of spindle only 24.9.15	2.11.10	1910	D56	D15	P-C	199	-
17526 9.10 D56 D15 Boiler for Schmidt	Four Wheels Coupled Bogie Express Engines D56 Class-Alteration to Boiler for Schmidt Superheater	1½" to 1' elevations of tubeplates and sectional elevation of boiler Endorsed: undated alteration for class E72; see Dg No 21674 for alteration to tube spacing; altered 21.12.21	- 9.10	1910	D56	D15	P	351	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17536	Four Wheels Coupled Bogie Express Engines D56 (1850) Class Fitted with Superheater-Arrangement of Metallic Packing and Tail Rod Casings for Piston Rod and Valve Spindle-Method of Lubrication for Slide Valves and Cylinders and Pistons	6" to 1' elevations and sections Endorsed: amended 6.13, 2.14 and 9.15 My note: drawing in very poor condition and parts missing	- .10.10	1910	D56	D15	P-C	185	-
17536	Four Wheels Coupled Bogie Express Engines S56 Class Fitted with Superheater-Arrangement of Check Valves, etc. for Cylinder Lubrication	6" to 1' arrangement of valves Endorsed: amended for engines with valves to Dg No 19065	30.11.10	1910	D56	D15	P-C	185	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17536	Four Wheels Coupled Express Engines Class D56- Arrangement of Lubricator Pipes to Cylinders, Port Faces and Steam Chest Covers	Full size elevation of metalling	- .5.15	1915	T18	J66	P-C	189	-
Att		Endorsed: superseded by new Dg 9556 9.25			R24 S56	J67 J69			
17537	Four Wheels Coupled Express Engines Class D56 Fitted with Superheater-Cylinder Cocks	Full size arrangement of cocks	- .10.10	1910	D56	D15	CI	183	-
		Endorsed: amended 6.19							
17538	Tee Piece for Steam Pipe Connections for D56 Class Engines with Schmidt Superheater	6" to 1' details of components	- .1.11	1911	D56	D15	CI-C	186	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17539	Six Wheels Coupled Bogie Express Engines Class S69, E72 (Coal Engs)-Arrangement of an Additional Details for Superheater Damper Gear	3" to 1' arrangement and 6" to 1' details of components	- .10.11	1911	S69	B12	P-C	184	-
Att		Endorsed: amended for E72 class			E72	J18			
17539	Six Wheels Coupled Coal Engines Class E72- Arrangement of Damper Gear	3" to 1' arrangement of damper	30.8.12	1912	E72	J18	P-C	185	-
-2									
17539	Four Wheels Coupled Bogie Express Engines D56 Class, S69, E72 Coal Engs.-Arrangement and Details of Damper for Schmidt Superheater	3" to 1' arrangement and 6" to 1' details of superheater	- .1.11	1911	D56	D15	P-C	190	-
		Endorsed: amended for S69 and E72 classes			S69 E72	B12 J18			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17540 -2 Part	Six Wheels Coupled Coal Engines Class E72-Details of Automatic Gear for Schmidt Superheater	3" to 1' arrangement and 6" to 1' details of components Endorsed: amended for E72 class	- .10.11	1911	E72	J18	P-C	184	-
17540	Four Wheels Coupled Bogie Engines D56 Class, T19, S69, E72 (Coal Engines)-Details of Automatic Gear for Schmidt Superheater Damper	Full size details of components Endorsed: amended for S69 and E72 classes	- .1.11	1911	D56 T19 S69 E72	D15 D13 B12 J18	P-C	189	-
17540 -1 Att	Six Wheels Coupled Bogie Express Engines Class S69- Additional Details of Automatic Gear for Superheater Damper	6" to 1' and full size details of components Endorsed: see Dg No 17540-2 for E72	- .10.11	1911	S69	B12	P-C	199	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17541	Four Wheels Coupled Bogie Express Engines Class D56-Smokebox Arrangement for 'Swindon' (GWR) Superheater	3" to 1' sectional elevations and plan of smokebox	- .2.11	1911	D56	D15	P-C	189	-
17554	Wheel and Axle for Bogie Carriage ...	3" to 1' section and elevation of 3'6 7/8" Mansell wheel with full size section Endorsed: axle modified 6.2.19 My note: about 2" of right hand side of drawing has been cut off severing part of title, poor print not suitable for copying	- .9.10	1910	-	-	PL-C	181	-
17556	Malleable Iron Hinges with Gun Metal Bushes	Full size elevations and plan of left and right hand hinges	20.10.10	1910	-	-	P	436	
17557	Deflecting Plate	Full size details of plate with 3" to 1' arrangement	- .9.10	1910	-	-	CI	201	-
17560	Express Engines Class T19 with Belpaire Firebox- Arrangement of Steam Heating Pipes to Leading End	1 1/2" to 1' arrangement on outline of frame and full size details	- .9.10	1910	T19	D13	CP	201	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17561	Four Wheels Coupled Bogie Express Engines Class D56-Alteration to Boiler to Suit 'Swindon' (GWR) Superheater	3" to 1' elevations of tube plate My comment: very faint pencil	- .9.10	1910	D56	D15	CP	200	-
17563	Arrangement of Spark Arrestor and Stone's Patent Blast Pipe on Four Wheels Coupled Express Engines D56	3" to 1' sectional elevations of smokebox Endorsed: amended 12.12 and 5.15	- .9.10	1910	D56	D15	P-C	184	-
17565	12½ins Destination Board and Bracket	6" to 1' details of board and bracket and 3" to 1' end elevation of smokebox showing arrangement of board 3' 0 1/16" between brackets and 12½" deep	- .10.10	1910	-	-	CI-C	183	-
17568 Att	Detail of Dry Sanding Gear D81	3" and 6" to 1' details of components	- .2.20	1920	D81	J20	P-C	184	-
17568	Six Wheels Coupled Goods Engines Class G58 (F48), D81-Details of Dry Sanding Gear	3" and 6" to 1' and full size details of components Endorsed: altered for H80 and A81 classes 8.20 and D81	- .10.10	1910	G58	J17	P-C	185	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17571	Six Wheels Coupled Goods Engines Class Y14- Arrangement and Details of Variable Blast Pipe	1½" to 1' arrangement and 3" and 6" to 1' details of components	- .10.10	1910	Y14	J15	P-C	184	-
17572	Draw Gear for 17Ft Wagon with Self contained Buffers	1 ½" to 1' sectional side elevation and plan of channel steel frame showing details of draw gear	17.10.10	1910	-	-	P	443	2
17577-3	Self Contained Buffer to Comply with Railway Clearing House Minute No 941	Full size elevation and section of buffer with cast steel housing projecting 1'6" and 6" to 1' details of base for wood framed wagons	- .11.10	1910	-	-	CP	443	2
17574	Six Wheels Coupled Coal Engines Class G58-Boiler	1½" to 1' detailed arrangement of boiler with full size details of riveted joints Endorsed: cancelled see Dg No 20771 31.10.16	- .10.10	1910	G58	J17	CI	183	-
17576	Four Wheels Coupled Tank Engines Class G69-Crank Axle	3" to 1' elevations of crank axle 5'8¾" long	- .10.10	1910	G69	F6	CI	183	-
17581	Arrangement of Holes in Copper Tube Plates for 4ft 9ins Boilers	3" to 1' end elevation of Belpaire plate 282 tubes, S46 274 tubes and Belpaire 287 tubes	- .10.10	1910	-	-	CI-C	183	-
17584	Four Wheels coupled Express Engines Class S46- Arrangement of Steam Heating Apparatus for Engines with Vacuum Brake	1½" to 1' arrangement of apparatus on outline of engine cab and full size details of components My note: not suitable for copying	- .11.10	1910	S46	D14	CP	182	-
17585	Helical Draw Spring	Full size section of 6¼" long spring	- .5.13	1913	-	-	P-C	437	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17589	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Steam Heating Pipe to Leading End	1½" to 1' arrangement on outline of frame, full size details of clips and components	- .11.10	1910	T26	E4	CI	182	-
17590	Buffer Guide for Close Coupled Bogie Suburban Carriages	Full size elevation and plan of base type "W" projecting 4 ½" Endorsed; altered 4.3.11	15.2.11	1911	-	-	P	443	4
17592	Arrangement of 1st and 2nd Suburban Carriages B69	¾" to 1' elevations, sections and plan of 9 compartment 54' body with interior details	-	1911	B69	237C	CP	264	-
17593	Arrangement of Bogie Suburban 2nd Class Carriage	¾" to 1' general arrangement of 10 compartment 54' body with interior details	- .11.11	1911	A69	300C	CI	264	-
17594	Arrangement of 3rd Class Bogie Suburban Carriage	¾" to 1' general arrangement of 10 compartment 54' body with interior details for classes X70 & L70	23.11.10	1910	L70	428C	P	264	-
17595	Arrangement of Bogie Brake 3rd Class Suburban D69 Class	¾" to 1' elevations, sections and plan of 7 compartment 54' body with interior details Endorsed: end lights altered to red 9.12.18 in brake end (very minor)	- .11.10	1910	D69	542C	CP	264	-
17597	Details of Platework for 54Ft Steel Underframe	1½" and 3" to 1' details of plate work for bogie suburban train classes Y68, A, B, C & D69 Endorsed: several alterations	15.2.11	1911	Y68 A69 B69 C69 D69	104C 300C 237C 236C 542C	P	264	-
17598	Details of Ironwork for Bogie Suburban Trains	3" and 6" to 1' details of numerous components with schedule of quantities per set Endorsed: numerous alterations	1.11.11	1911	Y68 A69	104C 300C	P	264	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17578	Classes Y68, A, B, C & D69		2.1.11	1911	B69 C69 D69	237C 236C 542C		207	-
17599	Arrangement of Body Bolts for Bogie Suburban Train	¾ to 1' half plans of 4 underframes	25.1.11	1911	-	-	P	264	-
17600	Arrangement of 1st and 2nd Class Composite Suburban Carriage	¾" to 1' general arrangement of 9 compartment 54' body with interior details	- .12.10	1910	B69	237C	CP	264	-
17602	Four Wheels Coupled Tank Engines Class G69- Foundation Ring	3" to 1' arrangement of ring with full size riveting details Endorsed: amended 12.7.17	- .1.11	1911	G69	F6	CI-C	188	-
17603	Four Wheels Coupled Tank Engines Class G69 (F6) Details of Boiler Stays and Expansion Bracket	Full size elevations and sections of components Endorsed: amended 12.1.11	- .12.10	1910	G69	F6	CI-C	188	-
17604	Four Wheels Coupled Tank Engines Class G69- Ashpan	3" to 1' arrangement with details of components	6.2.11	1911	G69	F6	C-P	193	-
17606	Tubes for Indicating Distances on Sight Testing Range	Full size elevation of 4" dia tube with distance in yards marked on ends	23.11.10	1910	-	-	CI-C	192	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17609	Four Wheels Coupled Radial Tank Engines Class G69-Driving Axlebox	Full size elevations and plan of axlebox Endorsed: amended 14.7.15	- .11.10	1910	G69	F6	CI-C	192	-
17611	Four Wheels Coupled Tank Engines G69 Class-Eccentric Sheaves	Full size elevations and section of sheaves	- .12.10	1910	G69	F6	CI-C	192	-
17612	Four Wheels Coupled Tank Engines Class G69-Tank Stays	Full size details of tank stays Endorsed: amended 10.3.11	- .11.10	1910	G69	F6	CP	191	-
17629	Proposed Luggage Box for Continental Service	1½" to 1' elevations and plan of box 11'6" inside by 7'3"	- .12.10	1910	-	-	CI	264	-
17633	Four Wheels Coupled Tank Engines Class G69-Cab, Tanks and Coal Bunker	Endorsed: amended 3.4.25 My note: virtually illegible and in poor condition	- .1.11	1911	G69	F6	P-C	190	-
17633	Arrangement of Tank Protection Plates for G69 Engines Only Nos 61-70	1½" to 1'details of plates inside tanks	- .7.11	1911	G69	F6	C-P	193	-

Att

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17642	Four Wheels Coupled Tank Engines Class G69- Arrangement of Condensing Gear 26	1½" to 1' arrangement of gear shown on outline of engine	26.1.11	1911	G69	F6	P-C	190	-
17644	Arrangement and Details of Ross/Schofield Circulator on No 31 Stationary Boiler	1½" to 1' arrangement of boiler and 3" to 1' details of components	- .1.11	1911	-	-	PC	213	-
17659	Model Link Motion-Additional Details Required for Trial of Valve Gear of 4-6-0 Express Engines	6" to 1' details of additional components My note: very faint pencil	- .1.11	1911	-	-	CP	194	-
17666	Alterations to Pipes to Suit Check Valves D56 Class	3" to 1' end view of pipes	- .3.11	1911	D56	D15	P	404	
Att									
17666	Four Wheels Bogie Express Engines D56 Class Fitted with Superheater-Arrangement and Details of Wakefield's Mechanical Lubricator	1½" to 1' part side elevation and plan showing arrangement of lubricator and 6" to 1' and full size details of components	- .2.11	1911	D56	D15	CI	405	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Parent's Mechanical Lubricator	Endorsed: numerous alterations to 30.6.39							
17678	Proposed Coal Stage at Whitemoor	1/4" to 1' elevations and sectional end elevation of coal stage, length 120' x 26' with elevated coal road at back to feed 10cwt iron trolleys to serve 3 coaling positions	17.2.11	1911	-	-	CP	404	
17681	Arrangement of First Class Saloon R69	3/4" to 1' general arrangement of 50' body Endorsed: see Dg No 17941	14.3.11	1911	R69	29C	P	264	-
17684	Proposed Arrangement of Horse Ambulance	3/4" to 1' side and end elevation of 4 wheeled ambulance 9'9" outside	- .2.11	1911	-	-	CI	264	-
17685	Four Wheels Coupled Radial Tank Engines Class G69- Rod, Pipe and Clothing Arrangement	1 1/2" to 1' elevations of engine, less bunker and trailing wheels and outline plan showing equipment	17.2.11	1911	G69	F6	CP	405	3
17687	Details of Brakework for Bogie Suburban Train Classes Y68, A, B, C & D69	3" to 1' details of ironwork Endorsed: amended 23.8.11	- .2.11	1911	Y68 A69 B69 C69 D69	104C 300C 237C 236C 542C	CI	264	-
17706	Four Wheels Coupled Bogie Express Engines Class D56-Trailing Sand Box	6" to 1' sectional elevations and plan of sand box	- .2.11	1911	D56	D15	CP	404	
17712	Four Wheels Coupled Tank Engines Class G69- Arrangement of Water Gauge	1 1/2" to 1' outline elevations and plan showing position of gauge on section of cab Endorsed: altered for L77 class	7.3.11	1911	G69	F6	P	404	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17713	Bogie First Class Saloon R69-Arrangement of Steam Heating Pipe, Arrangement of Underframe	1 1/2" to 1' elevations and plans of equipment Endorsed: numerous alterations 19.12.11 & 4.6.14	2.5.11	1911	R69	29C	P	442	4
17719	Proposed Royal Train	1/8" to 1' plan showing interior layout of 8 coach bogie train 50' stock BT 2x 3 rd compt; compo with sn, sn, sn, sn, sn, composite with large luggage compt and 5 compts, BT. Vestibuled except outer ends of BT's. All new vehicles?	15.3.11	1911	-	-	P-C	442	2
17726	Continental Luggage Box	1 1/2" to 1' elevations, section and plan of box 11' long and full size details of rollers Endorsed: for details of rollers and bearing see Dg No 17884 2.10.11	3.4.11	1911	-	-	P	442	4
17727	7 Ton Float Van D&P 918-Arrangement Drawing	1 1/2" to 1' general arrangement with elevations and inverted plan Brake altered 30.5.12	11.4.11	1911	D&P 918	-	P	442	4
17728	7 Tons Float Van D&P918-Ironwork Details	3" to 1' elevations and plans of numerous components Endorsed: altered 30.5.12	5.5.11	1911	D&P 918	-	CP	446	4
17729	7 Ton Float Van D&P918-Axles (Front and Hind)	3" to 1' elevation and plan of axles	11.4.11	1911	D&P 918	-	CP	450	4
17730	Six Wheels Coupled Express Engines Class S69-Bogie Axle	*3" to 1' elevation of 5'8 3/4" axle with 10 1/2" x 5 3/4" journals	- .3.11	1911	S69	B12	CP	404	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17733	Arrangement of Low One Horse Lorry D&P921	1 1/2" to 1' general arrangement of 4 wheel lorry 14'2" over body to carry 2 1/2 tons Endorsed: altered 11.2.30	7.4.11	1911	D&P 921	-	P	435	4
17734	Low One Hose Lorry D&P921-Ironwork Details	3" to 1' details of ironwork	2.6.11	1911	D&P 921	-	P	435	4
17736	Valve Spindle and Steam Chest Cover for CVRly Engine No 1	6" to 1' elevations and plans of two components	- .3.11	1911	-	-	CP	404	
17737	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear for Leading Sand Box	Full size elevations of equipment within sand box Endorsed: copy of drawing by Van Allen & Co	- .3.11	1911	D56	D15	P	404	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17737	Four Wheels Coupled Express Engines Class D56- Plan of Leading Sand Box Showing Arrangement of Lambert Water Sanding Gear	Full size plan showing equipment within sand box and section and plan of inlet	29.3.11	1911	D56	D15	P	404	
Att		Endorsed: copy of drawing by Van Allen & Co							
17738	Four Wheels Coupled Express Engines Class D56- Arrangement of Lambert Water Sanding Gear for Trailing Sand Box	Full size elevation and plan showing equipment within sand box Endorsed: undated alteration; copy of drawing by Van Allen & Co	- .3.11	1911	D56	D15	P	404	
17740	Luggage Boxes-Continental Service LM5648-Ironwork Details	3" to 1' details of components Endorsed: altered see Dg No 17884 for new bearings 2.10.11	5.4.11	1911	LM5648	-	P	450	4
17747	Lengthening Iron for 28Ft Turntable Loco Department Stratford Works	1" to 1' outline side elevation of turntable showing wheelbase of 4-6-0 engine, 1½" to 1' elevation of irons, 3" to 1' section of iron fitted to turntable rails My note: applied to turntable at entrance to Erecting Shop, Old Works	3.4.11	1911	-	-	P	404	
17748	Diagram of Proposed Bogie Train for Loughton Service (Standard Formation)	1/16" to 1' plan of an 8 coach train comprising BT, T, F, C, S, S, C, BT Endorsed: Made from diagram Dg No 17083-14. Superseded for standard formation see Dg No 22019 dated 25.3.15	4.4.11	1911					
		1/16" to 1' plan of 8 coach train comprising BT, C, F, C, S, S, C, BT			-	-	CP	450	4
17749	Diagram of Proposed Bogie Train for Loughton Service (Special formation)	Endorsed: made from diagram No 17083-14	4.4.11	1911					

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17750	Six Wheels Coupled Goods Engines Class F48 & G58- Arrangement of Lambert Water Sanding Gear for Leading Sand Box	Full size elevations and plan of sand box showing arrangement of equipment Copy of drawing by Van Allen & Co	- .4.11.	1911	F48 G58	J16 J17	CP	405	
17751	Six Wheels Coupled Goods Engines Class F48- Arrangement of Water Sanding Gear (Lambert) for Driving Sand Box	Full size elevations of equipment within sand box Endorsed: copy of drawing by Van Allen & Co	- .4.11	1911	F48	J16	P	404	
17751	Six Wheels Coupled Goods Engines Class F48-Plan of Bottom of Driving Sand Box and Details of Stiffening Plate and Pipe Flange	Full size details	- .4.11	1911	F48	J16	P	404	

Att

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17752	Six Wheels Coupled Goods Engines Class F48-Plan of Bottom of Trailing Sand Box and Details of Stiffening Plate and Pipe Flange	Full size plan and details of pipe flange	- .4.11	1911	F48	J16	P	405	
Att									
17754	Bogie Carriage Stock with 9 Ins by 4 Ins Journals-Wheel and Axle	3" to 1' elevation and section of 3' 2 7/8" wheel	14.9.10	1910	-	-	CIP	436	4
17763	Sheeting Plates for Continental Luggage Boxes LM5648	3" to 1' details of 4 plates	24.4.11	1911	LM5648	-	CI-C	450	3
17764	Diagrams of Four Wheels Bogie Express Engine Class D56 Under GER Loading Gauge	1 1/2" to 1' outline front elevation of engine in relation to gauge	- .4.11	1911	D56	D15	CP	405	
17771	Bending Moment Diagram of Four Coupled Radial Tank Engines G69 Class on 20Ft Span	1/4" to 1', 1/4" to 1 ton and 1" equals 100 Ft Tons	- .4.11	1911	G69	F6	CP	405	
17772	Apparatus for Cleaning Superheater Flues	Full size sectional elevations of steam lance attached to steam heat coupling and flexible metallic tubing	- .5.11	1911	-	-	CP	405	
17773	GER Ipswich-Sketch Showing Side Lamps of Carriages Standing on 40 Chain Curve in Tunnel	1" to 1' outline of carriages No 59 restaurant car and No 322 composite standing on the up and down lines in the tunnel Endorsed: Ipswich tunnel	24.4.11	1911	-	-	CP	450	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17776	Springs for 7 Ton Float Van D&P918	3" to 1' elevation, plan and sections of 7 plate spring at 3'0" centres and 12 plate spring with 3'6" centres	2.5.11	1911	D&P 918	-	CI	450	4
17777	Bogie Carriages-Sketch Showing Side Lamp of Carriage Standing Under Loading Gauge	1 1/2" to 1' outline end view of 8' 9" wide carriage with side lamp attached	1.5.11	1911	-	-	CP	450	2
17782	Six Wheels Coupled Goods Engines Class G58-Arrangement of Lambert Water Sanding Gear	1 1/2" to 1' arrangement of gear on engine and 3" to 1' details of fittings	- .5.11	1911	G58	J17	CP	405	
17783	Four Wheels Coupled Tram Engines Class G15-Arrangement and Details of Gear for Releasing Westinghouse Brake	1 1/2" to 1' arrangement of gear in relation to frame of tram and full size details of 7 components	6.5.11	1911	G15	Y6	CI-C	404	
17786	Alteration of Luggage Compartment of Motor Omnibus to Passenger Compartment	1" to 1' part side elevation and section of body showing details of alterations	- .5.11	1911	-	-	CP	450	3
17794	Four Wheels Coupled Bogie Express Engs. Class S46-Air Sanding Arrangement	3" to 1' arrangement shown as mounted on engine	- .5.11	1911	S46	D14	P	404	
17800	Diagrams of Heaviest Classes of Express, Tank and Coal Engines	1/8" to 1' diagrams of 7 classes of GE engines	- .9.11	1911	-	-	P	450	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17803	Four Wheels Bogie Tank Engines S44 Class-Arrangement of 'Lewis' Water Level Indicator	1½" to 1' arrangement of apparatus on part elevations and plan of engine and 6" to 1' details of fittings	- .5.11	1911	S44	G4	CP	405	
17812	Diagram of Midland Railway Truck for Carrying Elephants	¾" to 1' outline sectional side and end elevations of 20' truck Endorsed: ordinary covered carriage truck with these planks fixed and extra layer of floor boards, truck built in 1889 My note: two rows of 7" x 2½" planks secured to interior sides and ends of truck	1.6.11	1911	-	-	P	350	
17813	Sections Through Seats of First Class Compartment	1½" to 1' section of lower part of compartment showing details of seat construction, upholstery and buttoning	- .6.11	1911	-	-	CP	350	
17816	17Ft 10 Ton High Sided Wagon-Arrangement and Details of Little Giant Brake Lever	1" to 1' side elevation and plan of brake gear and details of components including ratchet between lever pivot and rest.	- .6.11	1911	-	-	P	350	
17816	17Ft 10 Ton High Sided Wagon-Arrangement and Details of Little Giant Brake Lever	1" to 1' side elevation and plan of brake gear and details of components including ratchet between lever pivot and rest.	- .6.11	1911	-	-	CP	350	
17817	Arrangement of Gas Fittings on Standard 50Ft Carriage Underframe	¾" to 1' outline side elevation and plan of underframe showing position of two pairs of gas tanks either side of centre line	3.7.11	1911	-	-	P-C	350	
17818	Proposed Arrangement of Gas Fittings on Standard 50Ft Carriage Underframe	¾" to 1' outline side elevation and plan of underframe showing position of existing two pairs of gas tanks supplemented a third either side of centre line required for restaurant cars S & T73 Endorsed: altered 20.5.11 to include a pilot light regulator	- .7.11	1911	-	-	P-C	350	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17838	Arrangement and Details of Proposed Signal Arms etc for Sight Testing Range	3/4" to 1' arrangement of dummy gantry mounted on 24' 4 compartment carriage body operated by levers from within the body with details of fittings at various scales	.12.11	1911	-	-	CP	405	
17840	Bogie Suburban Carriages with Steel Drawbars	3" to 1' sections of 3 types of drawbar	19.7.11	1911	-	-	P	350	
17841	Winch for Low One Horse Lorry	3" to 1' arrangement and details of winch mounted on lorry bed	18.9.11	1911	-	-	P	350	
17843	Bogie Suburban Carriages-Special Steel Drawbar Cradle	3" to 1' elevations of cradle	20.7.11	1911	-	-		350	
17845	Arrangement of 54Ft Steel Underframe with Rubber Buffers	1 1/2" to 1' part plan of frame and sectional side elevation showing arrangement of buffing and draw gear Endorsed: altered 4.6.12	.10.11	1911	-	-	P	350	
17846	54Ft Steel Underframe with Rubber Buffers-Details of Platework and Steel Drawbar	3" to 1' details of components Endorsed: altered to red 18.12.11 and 5.10.14; altered for class G72 12.8.12 My note: the words Steel Drawbar deleted from title	12.8.11	1911	-	-	P	350	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17855	4-4-0 Express Engines D56 Class-Arrangement of 17/8" Outside Diameter Tubes in Copper Tube Plate	6" to 1' half elevation of tubeplate designed for 248 tubes	9.8.11	1911	D56	D15	OI	404	
17858	54Ft Steel Underframe with Rubber Buffers-Details of Ironwork	*3" to 1' details of buffing and draw gear and 6" to 1' details of fittings Endorsed: altered G72 and future classes 4.6.12	18.8.11	1911	-	-	P	350	
17865	Tinned Copper Cold Water Tank for No 31 Saloon	3" to 1' elevations and plan of 28 gallons tank	26.8.11	1911	-	17C	P	350	
17866	Six Wheels Coupled Tank Engines Class S56-Knowles and Wallastons Patent Graphite Lubricator, Arrangement and Details	3" to 1' arrangement on front end of engine and 6" to 1' details of fittings Endorsed: altered 27.11.12; for details see Dg No 18259	- .10.11	1911	S56	J69	CI-C	405	
17870	Bearing for Wagon Axlebox 'R' 10Ins x 4 1/4Ins Journals	Full size elevations, plans and sections of bearing	- .9.10	1910	-	-	P	350	
17871	Proposed Light Single Horse Van	1/2" to 1' outline side and end elevation of 4 wheel covered van to carry 1 3/4 tons	31.8.11	1911	-	-	P	350	
17873	Arrangement of Electric Lighting and Heating Fittings on Underframe for First Class Saloon R69 Class	1 1/2" to 1' side elevation and plan of frame showing dynamos, accumulator boxes, etc Endorsed: for arrangement of underframe see Dg No 17713 and details of accumulation boxes and ironwork see Dg No 17874	22.9.11	1911	R69	29C	P	350	
17877	14 Tons Machine Wagon Arranged for Carrying	1/2" to 1' outline side and end elevation of truck fitted with sides	19.9.11	1911	-	-	P	350	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17877	General Merchandise Also	3'5 3/8" deep and one drop end, capacity 623 cu ft	12.2.11	1911	-	-	-	350	
17883	Arrangement and Details of Drawhook and Coupling with Increased Range	6" to 1' elevation and plan of screw coupling and 3" to 1' plan and elevation showing coupled carriages with new couplings	10.11	1911	-	-	CP	350	
17897	Standard Tyre Sections	Full size sections of tyres for engine and tender, carriage and wagon with Mansell rings and wagon with Gibson ring showing finished and rolled section	3.6.12	1912	-	-	P	405	
17902 -1	Diagram of Standard 50Ft Carriages Standing on Curve	1" to 1' plan showing position of buffers and couplings of two carriages on a 8.4 chain curve Endorsed: radius of minimum curve that can be traversed is 8.4 chains My note: drawing virtually illegible	10.11	1911	-	-	CP	350	4
17902 -2	Diagram of Standard 50Ft Carriages Standing on Curve	1" to 1' plan of coupled carriages on 6.1 chain curve showing standard screw coupling at minimum length	10.11	1911	-	-	CP	357	4
17902	Diagram of Standard 50Ft Carriages Standing on Curve	1" to 1' plan of coupled carriages on 6.1 chain curve showing standard screw coupling at minimum length	10.11	1911	-	-	CP	357	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-3									
17902	Diagram of Standard 50Ft Carriages Standing on Curve	1" to 1' plan of coupled carriages on 8.4 chain curve showing standard screw coupling at minimum length	- .10.11	1911	-	-	CP	357	
-4									
17905	Arrangement of Underframes for Open and Covered Carriage Trucks Classes D & F71	1½" to 1' arrangement of channel steel underframe, 20'11" for CCT and 21'0" for OCT, with details of brake gear Endorsed: position of vacuum pipe dummy moved 26.6.12; for WH cock see Dg No 19988 20.4.15	4.12.11	1911	D71 F71	7M 10M	P	357	
17906	Platwork Details for 21Ft Open Carriage Truck	3" to 1' details of numerous components	21.11.11	1911	D71	7M	P	357	
17907	Details of Underframe for Covered Carriage Truck Class F71	1½" and 3" to 1' details of underframe components	8.1.12	1912	F71	10M	P	357	
17908	Cast Steel Axlebox B1	Full size elevations, sections and plan of oil axlebox for 9" x 4" journal Endorsed: this box not made, box shown on Dg No 21701 designated B1 28.12.17	- .1.12	1912	-	-	P	357	
17915	Arrangement of Elephant Van D71	1" to 1' general arrangement of 21' truck with wood underframes	7.12.11	1911	G71	42M	P	357	
17915	Arrangement of Elephant Van G71	1" to 1' general arrangement of 21' van on wood frame Endorsed: amended in red for conversion into covered carriage truck in 1938 with addition of double doors	7.12.11	1911	G71	42M	PL-C	181	
17916	Details of Ironwork for Elephant Van G71	3" to 1' details of numerous components	8.1.11	1911	G71	42M	P	357	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17922	4-4-0 Express Engines Class D56 (1900 Belpaire)- Arrangement of Cylinders with Piston Valves	1½" to 1' part side elevation of engine showing position of 8" trick piston valves	- .11.11	1911	D56	D15	P	405	
17927	Four Wheels Coupled Express Engines Class D56- Arrangement of Lambert Water Sanding Gear	1½" to 1' outline elevations and plan showing showing arrangement of gear and full size details of bracket and union	4.12.11	1911	D56	D15	P	405	
17928	Blast Pipe Top for Engines Fitted with Swindon Superheater	Full size elevations and plan of casting	- .11.11	1911	-	-	P	405	
17936	Arrangement of One Horse Van D&P1469	1½" to 1' arrangement of 4 wheel covered van length 8'6" inside	4.12.11	1911	D&P 1469	-	P	357	
17936	Arrangement of One Horse Van D&P 1469	1½" to 1' general arrangement of 4 wheel van with hoops 8'6" long	30.11.11	1911	D&P 1469	-	PL-C	181	-
17937	Ironwork Details for One Horse Van D&P1469	3" to 1' details of numerous components	6.12.11	1911	D&P 1469	-	P	357	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17941	First Class Saloon R69-Plan of Amended Arrangement	¾" to 1' interior arrangement and furnishings of 50' saloon	28.11.11	1911	R69	29C	P	357	
17950	Six Wheels Coupled Goods Engines Class B70 (Y14 Class)-Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement of apparatus on outline of engine frame and cab and full size details of brackets, pipework and fittings	5.1.12	1912	Y14	J15	P	405	
17959	Accumulator Boxes and Details for Electric Lighting on No 48 Saloon	3" to 1' arrangement and details of boxes 2'10¼ and 5'5" long	29.12.11	1911	-	20C	P	357	
17963	Laycock's Vapour System of Steam Heating Applied to Composite Carriage	½" to 1' part side elevation and plan of carriage showing position of heaters and steam pipe and 1½" to 1' details of heaters in compartments and full size details of components Endorsed: work to red for details of Wolverton system of steam heating applied to 3rd class carriage to Dg No 18354 14.11.12	20.3.12	1912	-	-	P	357	
17966	Bottom Half of Carriage Axlebox 'P' Arranged for McLintock's Patent Lubricant	Full size elevations and sections of modified casting	- .12.11	1911	-	-	CP	357	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17970	Tinned Copper Water Tanks for First Class Saloon R69	3" to 1' elevations and plans of 41 gallon tank for lavatory and 10.8 gallon hot water tank for attendants compartment	- .1.12	1912	R69	29C	P	357	
17984	Arrangement and Details for Support for Cold Water Tanks in First Class Saloon R69	3" to 1' arrangement of tanks in kitchen and lavatory and details of brackets and components	27.1.12	1912	R69	29C	P	357	
18000	East London Electrification-Trip Cocks on Locomotives-Proposed Method of Warning Drivers at Places Where it is Necessary to Raise or Lower Trip Cock Levers	1½" to 1' outline side and elevation of engine showing trip cock arrangement	- .1.12	1912	-	-	CI	240	-
18015	Six Wheels Coupled Goods Engines Class E72 on 6 Chain Curve	1½" to 1' plan of wheels on rail	- .3.12	1912	E72	J18	CI	240	-
18016	Six Wheels Coupled Coal Engines Fitted with Superheater Class E72, T77, H80, X80, A81-Crank Axle	3" to 1' elevations of crank axle Endorsed: altered 26.10.26	- .3.12	1912	E72	J18	CI-C	240	-
18018	Six Wheels Coupled Coal Engines Class E72, H80, X80-Cast Steel Wheels	3" to 1' elevation and section of 4'4" diameter wheels	- .5.12	1912	E72	J18	CI	240	-
18021	Six Wheels Coupled Goods Engines Class E72-	1½" to 1' arrangement of frames	- .8.12	1912	E72	J18	P	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18021	Framing	Endorsed: numerous modifications	- .6.12	1912	E72	J18	P	240	-
Att 18021	Six Wheels Coupled Superheater Coal Engines- Alteration to Leading End of Frame for Class T77	1½" to 1' arrangement of front end of engine Endorsed: modified for H80 and A81 classes 27.8.17	- .2.15	1915	T77	J19	P	240	-
18022	Six Wheels Coupled Goods Engines E72 Class- Reversing Shaft	6" to 1' details of components Endorsed: amended for D81 class 1.3.20	- .6.12	1912	E72	J18	P	240	-
18023	Six Wheels Coupled Goods Engines E72 Class- Reversing Gear	1½" to 1' arrangement of gear	- .9.12	1912	E72	J18	CP	240	-
18024	Six Wheels Coupled Goods Engines Class E72-Piston Valves and Spindle	Full size elevations Endorsed: amended for class M77 18.6.14; work to red for engines fitted with valve spindle supports to Dg No 19362	3.7.12	1912	E72	J18	P	240	-
18025	Six Wheels Coupled Coal Engines Class E72 Fitted with Schmidt Superheater-Smokebox	6" to 1' sectional elevations of smokebox Endorsed: amended for A81 class with Robinson's superheater 2.9.20	- .8.12	1912	E72	J18	P	240	-
Att 18025	Six Wheels Coupled Coal Engines Class E72- Alteration to Superheater Damper Gear for Engines with Stone's Blast Pipe	3" to 1' arrangement with details	- .2.15	1915	E72	J18	P	240	-
18026	Six Wheels Coupled Coal Engines Class E72-Blast Pipe and Steam Pipe Connection	6" to 1' arrangement of blast pipe and full size details of connections Endorsed: for cast iron steam pipe connection see Dg No 23365 21.4.21; altered 3.5.21	- .8.12	1912	E72	J18	P	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18028	Bending Moment Diagram of the 1150 Class Superheater Coal Engines Crossing 30 Ft Span	1/4" to 1' and 1' to 100 ft tons	- .3.12	1912	E72	J18	CP	240	-
18029	Six Wheels Coupled Coal Engines Class E72-Details of Cylinder Cock Gear	Full size details of components Endorsed: amended for H80 20.9.17 and D81 11.2.20	18.7.12	1912	E72	J18	P	240	-
18029	Six Wheels Coupled Goods Engines E72 Class-Arrangement of Motion	3" to 1' arrangement	26.9.12	1912	E72	J18	P	240	-
18030	Six Wheels Coupled Coal Engines E72 Class-Rod, Pipe, Clothing, Mechanical Lubricating and Sanding Details	1 1/2", 3" and 6" to 1' details of components Endorsed: numerous alterations	- .11.12	1912	E72	J18	P	240	-
18031	Six Wheels Coupled Goods Engines Class E72-Cab	1 1/2" to 1' elevations and plan of cab	- .10.12	1912	E72	J18	P	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18033	Six Wheels Coupled Goods Engines E72 Class- Trailing Sand Boxes Fitted with Lambert Water Sanding Gear	3" to 1' arrangement of sand boxes	- .8.12	1912	E72	J18	CP	240	-
18034	Six Wheels Coupled Goods Engines E72 Class- Leading Sand Box (Lambert's Water Sanding) and Splasher	3" to 1' elevations and plan of sand box Endorsed: for alteration to suit new pattern sand trap see Dg No 20900 12.6.16	14.8.12	1912	E72	J18	P	240	-
18036	Six Wheels Coupled Coal Engines Class E72-Spark Deflector and Details	6" to 1' arrangement of deflector and full size details Endorsed: amended for A81 class 2.9.20	29.8.12	1912	E72	J18	P	240	-
18037	Six Wheels Coupled Goods Engines Class E72- Arrangement of Cylinder Lagging	3" to 1' elevations and sections Endorsed: amended for T77 class cylinders to Dg No 17223	- .9.12	1912	E72	J18	CI-C	240	-
18044	Arrangement of Trial Bogie Bolster Bearing Springs on Restaurant Car 19.3.12	3" to 1' part section and plan of bogie and details of spring, beam and wearing plates	19.3.12	1912	-	-	P	334	-
18052	Arrangement of Reversing Lever and Sector on Tank Engines R24 Class	1½" to 1' elevations and plan	- .4.12	1912	R24	J67	CP	240	-
18053	Details of Shields for Water Scoop on G53 Class Tenders	3" to 1' details of components	7.5.12	1912	G53	-	P	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18055	Six Wheels Coupled Goods Engines Y14 Class- Arrangement and Details of Wakefield's Mechanical Lubricator	3" to 1' arrangement of lubricator and 6" to 1' details of components	15.4.12	1912	Y14	J15	P	240	-
18066	Four Wheels Coupled Bogie Express Engines with Superheater-Cylinders with Piston Valves	3" to 1' elevations and sections	- .4.12	1912	S46	D14	P	240	-
18077	Bogie Six Coupled Superheated Coal Engines-Bending Moment Diagram Standing on 20, 30, 40 and 50 Foot Span	1/8" to 1' bending moment diagram My comment: very dirty drawing with no title	26.3.12	1912	-	-	CP	240	-
18078	Arrangement and Details of Double Brake for 20Tons Coal Wagon P71 Class	1" to 1' arrangement of underframe with brake gear and 6" to 1' details of component	-	1912	P71	46W	P	334	
18084	Sketch Showing Alteration Required to A53 Class Tender to Suit Engine No 1900	1½" to 1' elevations and plan of front part of tender	- .4.12	1912	S46	D14	P	240	-
18086	Casting for Brake Gear of Maudslay Motor Bus	(6" to 1') elevation and plan of casting	19.4.12	1912	-	-	CP	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18100	Alterations to 6,000 Cu Ft Capacity Gas Holder at Stratford	1" to 1' elevations and plan of holder 26' inside diameter Endorsed: for details see Dg No 18660	- .5.12	1912	-	-	P	240	-
18103	Bogie Bolster Bearing Springs	Full size elevation of two types of helical spring of 12 and 14 working coils for carriage bogies	7.3.12	1912	-	-	P	333	
18106	Seat Back of Second Class Bogie Suburban Carriage	1½" to 1' section and end elevation of compartment showing seat construction	6.5.12	1912	-	-	P	334	
18107	Seat and Back of Third Class Bogie Suburban Carriage	1½" to 1' section and end elevation of compartment showing seat construction, covered with ¼" felt and faced with American cloth	7.5.12	1912	-	-	P	333	
18112	Bending Moment Diagram of Two 40 Ton Crocodile Wagons Crossing 20Ft Span	¼" to 1', ¼" to 1 ton and 1" to 100 ft tons	7.5.12	1912	-	-	CP	333	
18113	Bending Moment Diagram of 40 Ton Crocodile Wagon Crossing 20Ft Span	¼" to 1', ¼" to 1 ton and 1" to 100 ft tons	- .5.12	1912	-	-	CP	333	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18115	Bending Moment Diagram of 40 Ton Crocodile Wagon Crossing 58Ft Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	9.5.12	1912	-	-	CP	333	
18119	Arrangement of Body for Motor Char-a-Banc LM6201	1 1/2" to 1' side and end elevations and plan of 15'7 3/4" body on outline of chassis	- .5.12	1912	LM6201	-	CI	334	
18120	Details of Ironwork for Motor Char-a-Banc	3" & 6" to 1' details of numerous components	- .6.12	1912	LM6201	-	P	334	
18124	Arrangement of Davies & Metcalfe's No 8 Hot Water Injector-Six Wheels Coupled Tank Engines S56 Class	3" to 1' arrangement of injector	- .5.12	1912	S56	J69	CP	240	-
18130	Six Wheels Coupled Bogie Express Engines Class S69-Proposed Controlling Gear for Trailing Axle Boxes	Full size details of components Endorsed: altered to blue 19.11.12 for engines other than 1500 to 1504	- .6.12	1912	S69	B12	CP	240	-
18140	Emergency Coupling for Suburban Carriages	Full size elevation and plan of coupling	2.7.12	1912	-	-	P	333	
18142	Sets Steam Superheating Heating Elements for Schmidt Superheater	3" to 1' arrangement of superheater and full size details of tube ends and bends Endorsed: work to red for T19 Belpaire 1.7.13	17.6.12	1912	-	-	P	347	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18144	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Stone's Variable Blast pipe and Ejector	6" to 1' elevations, plan and section of blast pipe and ejector and full size details Endorsed: altered 7.10.13	- .7.12	1912	D56	D15	P	347	
18144 Att	Alteration to Stone's Blast Pipe D56 Class to Suit Coal Engines F48 Class	Full size section and elevation of base of blast pipe Endorsed: plan of base same as D56 class	1.6.13	1913	F48	J16	P	347	
18144 Att	Alteration to Blast Pipe Valve Box for Engines Fitted with Exhaust Injector D56 Class	6" to 1' elevations and section of valve box	- .9.13	1913	D56	D15	P	347	
18163	Six Wheels Coupled Bogie Express Engines S69 Class-Built Up Crank Axle	3" to 1' elevations of crank axle	10.5.12	1912	S69	B12	CP	333	3
18165	Proposed Arrangement of Instruction Van for Driver and Firemen	¾" to 1' sectional side elevation and plan of equipment in former saloon No 10	26.6.12	1912	-	8C	P	347	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18169	Self Contained Sleeve Buffer	Full size elevation and section of 1'9" long buffer 1'2" diameter head Endorsed: for alterations to buffer see new Office Copy same number	21.6.12	1912	-	-	P	334	3
18203	Six Wheels Coupled Bogie Express Engines S69 Class Alteration to Gear for Wakefield's Mechanical Lubricator	3" to 1' arrangement and details of lubricator	26.6.12	1912	S69	B12	P	347	
18212	Diagram of Proposed Refrigerator Wagon	½" to 1' outline elevations of 19' van, 7'11" wide on 10'6" wheelbase with ice compartments at each end	- .7.12	1912	-	-	CP	334	
18230	Sketch Showing Position of Collins Wheel Flange Lubricator on R24 Class Engine	1 ½" to 1' outline elevation of frame and sketch showing position of lubricator in relation to rear of leading and centre wheels	- .7.12	1912	R24	J67	P	347	
18235	Four wheels Coupled Bogie Express Engines Class D56-Arrangement of Tube Ends for Swindon Superheater	3" to 1' arrangement of tubes and ends and full size details of bends	17.7.12	1912	D56	D15	CIP	347	
18237	Six Wheels Coupled Goods engines E72 Class-Arrangement and Details of Ashpan Gear	3" to 1' arrangement of gear and 6" to 1' details of components	30.7.12	1912	E72	J18	P	347	
18240	Safety Loop for Wagon Brake Push Rods	1 ½" to 1' outline side and end elevation showing position of loop from V hanger, 6" to 1' detail of loop	2.8.12	1912	-	-	P	334	
18243	Arrangement and Details of Hand Brake for Old Engine Frames Nos 1 to 7	1" to 1' side elevation and plan of former 6 wheel tender frames	11.9.12	1912	-	-	P	347	
18244	Mild Steel Drawgear for Bogie Suburban Trains	3" & 6" to 1' coupling details for carriages with short buffers at one and both ends, long buffers at both ends and at one end only Endorsed: superseded by Dg No 18862 21.9.14	8.8.12	1912	-	-	P	333	
18248	20 Tons Loco Coal Wagon M73	1 ½" to 1' general arrangement of 21'6" steel bodied coal wagon Endorsed: drawbar modified 3.4.35	5.9.12	1912	M73	46W	P	333	
18251	Four Wheels Coupled Shunting Tank Engine Class B74-Coupling Rod	Full size elevation and plan	19.2.13	1913	B74	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 25.8.24							
18253	Six Wheels Coupled Bogie Belpaire Superheater Express Engines S69-Arrangement of Piping and Details of Cocks, Unions, etc for Operating Lubricator	1 ½" to 1' arrangement on outline of engine My note: virtually illegible, details taken from Shannon	- .9.12	1912	S69	B12	C	347	
18253	Detroit Seven Sight feed Lubricator S69 Class Steam Cock Seating	Full size elevation, section and plan of seating My note: virtually illegible	- .9.12	1912	S69	B12	CI	347	4
18254	Meat Hooks for Refrigerator Vans B45 Class-Arrangement and Details	1 ½" to 1' section of van interior of van showing arrangement of meat hooks and full size details of hooks and fittings	26.8.12	1912	B45	14W	P	333	
18258	Sketch Showing Axle Trunnion for Maudsley Bus	Full size sectional plan	- .9.12	1912	-	-	CP	347	
18259	Six Wheels Coupled Tank Engines S56 Class-Alteration to Gear for Wakefield's Mechanical Lubricator (Graphite Lubricator to Chain Dotted Lines)	1 ½" to 1' arrangement of lubricator in relation to the motion and full size details of components Endorsed: work to Dg No 18820 for arrangement and details of gear for Wakefield's mechanical lubricator	- .9.12	1912	S56	J69	P	346	
18259	Alteration to Third Class Carriages and Brake Thirds for the Elsenham and Thaxted Light Railway LM6514	1" to 1' outline elevations and interior plan of revised layout, 2'9" dia wheels and modification to buffing and drawgear and provision of gangway plates and 1/8" to 1' plan of train formation: BT, T, T, T, BT	- .2.13	1913	-	613C 612C	P	273	-
18263	Wagon Wheel and Axle	3" to 1' elevations of 3'2" diameter wheel, 8 spokes, 8" x 3 ¾" journal, wheelset and full size section of tyre Endorsed: profile Gibson ring fastening altered 16.11.27	5.9.12	1912	-	-	P	333	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18264	Four Wheels Coupled Tank Engines Class P55-Arrangement and Details for Wakefield's Mechanical Lubricator	1½" to 1' arrangement in relation to valve gear and 3" to 1' details of components Endorsed: mechanical lubricator heater pipe and cock not required 30.6.39	24.9.12	1912	P55	F5	P	346	
18266	Six Coupled Bogie Express Engines Class A73 Numberplate	Full size elevation and section of number plate 2'0" x 1'0" for No 1505 dated 1012	26.9.12	1912	A73	B12	P	346	
18275	20 Tons Loco Coal Wagon-Underframe Details Class M73	3" to 1' details of numerous components Endorsed: superseded see Dg No 19556	15.10.10	1910	M73	46W	P	333	
18276	GER Stratford Works, Loco Dept-Proposed Position of New Desk in Messrs. Rudland and Farnie's Office	¼" to 1' layout of proposed office accommodation My note: virtually illegible	- .8.12	1912	-	-	CP	347	4
18308	Four wheels Coupled Bogie Express Engines Class D56 Fitted with Schmidt Superheater-Arrangement and Details of Spark Arrestor	3" to 1' arrangement of arrestor and 6" to 1' details of components	- .1.13	1913	D56	D15	CP	347	
18309	Arrangement of Main Line Third Class Carriage	¾" to 1' arrangement of 54' body with 8 compartment with interior layout and sectional elevations	2.10.12	1912	C73	430C	P	333	
18310	Arrangement of Holding Down Bolts for Third Class Carriage	¾" to 1' plan of underframe showing position of holes	- .10.12	1912	-	-	CP	334	
18314	Wheel and Axle 20 Tons Coal Wagons, 20 Tons Goods Brakes	Full size section through wheel rim 6" to 1' elevation and section of 9 spoke 3'1½" diameter wheel and axle	7.10.12	1912	-	-	P	334	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18316	4-4-0 Express Engines with Superheater D56 Class- Trick Piston Valve	Full size sectional elevations of valve My note: virtually illegible	- .10.12	1912	D56	D15	CP	347	4
18319	20 Ton Goods Brakes-Name and Number Plate	Full size elevations and plan of 1'6" by 5 3/8" plate inscribed 'GER 1912-20-Ton-Brake/1234'	3.10.12	1912	-	-	P	334	
18330	0-4-0 Shunting Tank Engine-Scheme 1	1 1/2" to 1' outline side elevation of engine 21'9" over buffer beams and 24'9 1/2" over buffers, 3'10" wheels and Walshaert's valve gear, 900 gallon side tanks extending to front of smokebox, coal capacity 1 ton	- .10.12	1912	-	-	P	347	
18336	Stationary Boiler (S46 Class Converted)	1 1/2" to 1' side elevation of firebox and end elevation of tubeplate with details of riveting	- .10.12	1912	S46	-	CI-C	347	
18337	0-4-0 Shunting Tank Engine-Scheme 2	1 1/2" to 1' outline side elevation of engine 21'6" over buffer beams and 24'6 1/2" over buffers, 4'0" wheels and Walshaert's valve gear, 900 gallon side tanks extending to front of smokebox, coal capacity 1 1/2" tons	18.10.12	1912	-	-	P	347	
18340	Arrangement and Details of Hand Brake on Old Tender Frame	1" to 1' elevations and plan of former 6 wheel 18'4" frame, 6'0 & 5'0" wheelbase with centre wheels removed with 3" to 1' details of brake gear with either side lever and two blocks	24.12.12	1912	-	-	P	346	
18342	Arrangement and Details of Brake Gear in Instruction Van	1 1/2" to 1' side and end elevation and plan of six brake cylinders coupled by Westinghouse pipes and 3" to 1' details of brackets	- .11.12	1912	-	8C	CP	346	
18344	4-6-0 Express Engines Class S69-Proposed Alteration to Superheater Smoke Tubes	Full size section of tube	- .10.12	1912	S69	B12	CP	346	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18345	Six Wheels Coupled Bogie Express Engines Class S69- Stone's Variable Blast Pipe and Ash Ejector	6" to 1' elevations, plan and sections of apparatus Endorsed: altered 21.11.13	3.12.12	1912	S69	B12	P	346	
18345 Att	Alteration to Stone's Blast Pipe S69 Class to Suit Coal Engines E72 Class	6" to 1' details of valve box Endorsed: for other dimensions see Dg No 18345	11.3.15	1915	S69	B12	P	346	
18345 Att	Six Wheels Coupled Bogie Express Engines Class S69- Alteration to Stone's Blast Pipe Valve Box for Engines with Exhaust Injector No 10	6" to 1' details of valve box Endorsed: for other dimensions see Dg No 18345	11.3.15	1915	S69	B12	P	346	

Office Copies Drawings List

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18347 Att 2	Six Wheels Coupled Bogie Express Engines S69 Class- Alteration to Gear for Auxiliary Steam Admission	Full size details of components	26.6.14	1914	S69	B12	P	347	
18349	Carriage Bogie Bolster Bearing Springs	Full size springs for kitchen end and restaurant end and 6" to 1' sketch showing proposed method of fitting bolster springs Endorsed: copy of I.A. Timmis & Sons Dg No T4424	22.8.12	1912	-	-	P	334	
18363	Six Wheels Coupled Bogie Express Engines Class A73, B78-Details of Spark Arrestor and Blast Pipe Gear	6" to 1' and full size details of components Endorsed: details added for class B78 and E72 and for engines with Robinson's superheater	3.1.13	1913	A73 B78	B12	P	347	
18363 Att	Six Wheels Coupled Express Engines Class A73- Guide for Stone's Blast Pipe Rod and Support for Hand Rail for Engines with Robinson's Superheater	Full size details of guide Endorsed: not required for B78 see Dg No 20057 3.5.14	- .6.13	1913	A73	B12	P	215	-
18370	Steam Pipe for Shunting Engines 228 Class	3" to 1' details of pipe Endorsed: one set to be made for trial	7.11.12	1912	228	Y5	TI-C	306	-
18371	Six Wheels Coupled Tank Engines Class T18- Arrangement of Lambert's Water Sanding Gear	1½" to 1' arrangement of gear shown on outline elevations and plan of engine and 6" to 1' details of brackets	28.3.13	1913	T18	J66	P	307	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18377	Alteration to Standard Buffer for Goods Engs. To Suit E72 Class	Full size sectional side and end elevations of buffer My comment: nature of alteration unclear	- .11.12	1912	E72	J18	CI-C	307	-
18392	Arrangement of Timmis's Concentric Bolster Springs on Restaurant Car	3" to 1' part elevations and plan of bogie and details of components Endorsed: for arrangement of bogie see Dg No 16935	14.11.12	1912	-	-	P	334	
18395	4-4-0 Express Engines with Superheater Class D56-Valve Chest Covers	Full size sectional elevations of cover	- .11.12	1912	D56	D15	CP	307	-
18396	Arrangement and Details of Dual and Handbrake on Hound Van (Converted from 1097 3 rd)	1½" to 1' arrangement shown in relation to elevations and plan of wood underframe and 3" to 1' details of components	21.11.12	1912	-	43M	P	334	
18407	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear	1½" to 1' details of gear shown on part outline elevations and plan of engine	16.11.12	1912	D56	D15	P	307	-
18415	Name, Load and Numberplate for Wagon	Full size details of plate size 1'6" x 5 3/8" deep and 1" to 1' part side elevations showing its position on high side, covered and cattle wagon solebars	23.11.12	1912	-	-	P	273	-
18416	0-4-0 Shunting Tank Engine	1½" to 1' outline side elevation of tank engine 21'6" over headstocks, 900 gallons side tanks, 1½ tons coal Endorsed: Scheme 3	20.11.12	1912	-	-	P	308	-
18420	The Standard Type 'Lambert' Sander Fitted to Leading Sand Box GER Engines Class T18	6" to 1' elevation and plan of gear Endorsed: Copy of drawing by Jourdain et Monnerel Brake Manufacturers, Paris Dg No 2182 dated 20.7.12 with additions on print by Stratford 6.3.13	- .7.12	1912	T18	J66	BP	308	-
		6" to 1' elevation and plan of gear							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18422	The Standard Type 'Lambert' Sander Fitted to Trailing Axlebox GER Engines Class T18	Endorsed: Copy of drawing by Jourdain et Monnerel Brake Manufacturers, Paris Dg No 2181 dated 19.7.12 with additions on print by Stratford 6.3.13	- .7.12	1912	T18	J66	BP	308	-
18424	Steel Steam Pipe for Shunting Engines 228 Class	3" to 1' details of pipe two per set	- .1.1.12	1912	228	Y5	P	308	-
18428	Arrangement and Details of Brake on Driving Wheels- GER Motor Buses	1/5 and 1/2 side elevation and plan of brake on part outline of chassis My comment: all dimensions are in millimetres	- .1.1.12	1912	-	-	CP	306	-
18430	General Arrangement of Refrigerator Van E73	1½" to 1' general arrangement of 19'2" covered van with ice chambers Endorsed: for alteration to ice chambers see Dg No 18839	9.12.12	1912	E73	64W	P	273	-
18431	Platework Details for Refrigerator Van E73	3" to 1' details of ironwork for underframe	8.1.13	1913	E73	64W	P	273	-
18432	Ironwork and Details for Refrigerator Van E73	3" to 1' details of body and underframe ironwork	1.1.13	1913	E73	64W	P	273	-
18438	The Standard Type 'Lambert' Sander Fitted to Trailing Axlebox GER Engines Class G69	6" to 1' elevation and plan of gear Endorsed: Copy of drawing by Jourdain et Monnerel Brake Manufacturers, Paris Dg No 2180 dated 19.7.12	- .7.12	1912	G69	F6	BP	308	-
18439	Standard Type 'Lambert' Sander Fitted to Driving Sand Box GER Engines Class G69	6" to 1' elevation and plan of gear Endorsed: Copy of drawing by Jourdain et Monnerel Brake Manufacturers, Paris Dg No 2179 dated 18.7.12 with additions on print by Stratford	- .7.12	1912	G69	F6	BP	308	-
18440	Underframe Arrangement of 4 Wheeled 20 Tons Goods Brake Class P73	1½" to 1' arrangement of 17'6" underframe Endorsed: altered for class F81; 2'1" stepboard on centre line added 13.12.18 for existing and future stock; axlebox 'R' to Dg No 12711 shown in place of 'E'; substituted for F81 by box 'Y' to Dg No 17411	14.1.13	1913	P73	56W	P	273	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18441	Four Wheeled 20 Tons Goods Brake-Details of Framing Class P73	1½" to 1' details of components for underframe and body	- .2.13	1913	P73	56W	P	273	-
18443	Water Trap Fitted to Westinghouse Brake Train Pipe on Brake Carriages	Full size elevations and sections	- .12.12	1912	-	-	P	273	-
18444	Engines Classes S46 & F48-Arrangement and Details of Firebox Roof Stays	¼" & ½" to 1' sectional arrangement and plan and full size details of components	- .12.13	1913	S46 F48	D14 J16	P	306	-
18450	Side Bearing Spring for Refrigerator Vans	6" to 1' elevation and plan of 5 plate spring 3'6 1/8" centres unloaded	12.12.12	1912	-	64W	P	273	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18453	Bending Moment Diagram of Six Coupled Coal Engines Class F48 (Diagram 12650-44) Crossing 38Ft Span	1/4" to 1 ton, 1/4" to 1' and 1" = 100 ft tons diagram	- .12.12	1912	F48	J16	CP	306	-
18454	Four Wheels Coupled Bogie Express Engines T19 Class-Cast Iron Header for Schmidt's Superheater	6" to 1' sectional elevations of header Endorsed: altered in red 20.2.14 and in blue 25.3.14	- .12.12	1912	T19	D13	P	306	-
18456	Draw Spring	Full size details of spring 5 1/2" deep under load Endorsed: superseded by Dg No 23607 24.11.21	20.12.12	1912	-	-	P	273	-
18457	Arrangement of 14 Ton Machine Truck Class F73	1 1/2" to 1' arrangement of 28'6" truck, 20'0" wheelbase with 2'8" dia wheels Endorsed: altered to red for C75 and future classes 29.8.13; altered for restriction plate to Dg No 18870 for F73 class only 9.8.13	- .2.13	1913	F73	75W	P	273	-
18458	Details of Framework for 14 Tons Machine Truck F73	1 1/2" to 1' details of components Endorsed: amendments for C75 and future classes 29.8.13; amended 7.4.14	19.2.13	1913	F73	75W	P	273	-
		3" to 1' details of brake and other body ironwork							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18459	14 Ton Machine Truck F73 Class-Ironwork Details	Endorsed: altered 17.6.13; brake lever and rack altered to blue 7.4.14; brake lever and rack altered to red for C75 and future classes 30.8.13; see Dg No 19105 23.1.14 for screw links for binding chains	- .2.13	1913	F73	75W	P	273	-
18466	Alteration to Engine Buffer and Casing	Full size sectional elevation and plan of casing and plunger Endorsed: altered to red for cast steel buffer plungers 14.7.14	- .12.12	1912	-	-	P	306	-
18467	20 Tons Loco Coal Wagon-Body Details Class M73	1½" and 3" to 1' details of body plating, angles and stanchions Endorsed: superseded see Dg No 19555	29.1.13	1913	M73	46W	P	273	-
18473	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Feed Water Heater	1½" to 1' arrangement on part outline elevations of engine, 3" and 6 to 1' details of components	11.1.13	1913	D56	D15	P	306	-
18477	Alteration to Gear for Working Stones Blast Pipe on S46 Class Engs.	3" to 1' arrangement and full size details of components	- .1.13	1913	S46	D14	P	307	-
18479	20 Tons Loco Coal Wagon-Ironwork Details Class M73	3" to 1' details of body and brake ironwork Endorsed: draw bar hook altered 30.4.35	19.3.13	1913	M73	46W	P	273	-
18490	Liner for T19 Class Short Blast Pipe to Suit T26 Class	Full size elevation and plan of liner	- .1.13	1913	T26	E4	P	308	-
18499	Standard Engine Buffer	Full size sectional side and end elevation Endorsed: passenger engine buffer My comment: largely illegible	- .12.15	1915	-	-	CP	307	-
18499	Buffer for Passenger Engines and Tenders	Full size sectional side and end elevation of buffer	27.5.19	1919	-	-	P	307	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18500	Four Wheels Coupled Shunting Tank Engine Class B74-Hornblock and Axlebox	6" to 1' sectional elevations and plan	- .1.13	1913	B74	Y4	P	308	-
18501	Four Wheels Coupled Shunting Engine Class B74-Front Cylinder Cover	Full size section and elevation of left hand cover	- .1.13	1913	B74	Y4	P	308	-
18502	Four Wheels Coupled Shunting Tank Engines Class B74-Piston and Rod	Full size elevations and sections Endorsed: altered 11.5.48 and two further undated amendments	13.1.13	1913	B74	Y4	P	308	-
18503	Four Wheels Coupled Shunting Tank Engine B74 Class-Cast Steel Motion Plate	3" to 1' elevations and sections of plate Endorsed: altered 30.11.18 and another	20.1.13	1913	B74	Y4	P	308	-
18504	Four Wheels Coupled Shunting Engine Class B74-Piston Rod and Valve Spindle Metallic Packing	Full size details of components Endorsed: metallic packing for front end of valve spindle not required see Dg No 18514	20.1.19	1919	B74	Y4	P	307	-
18505	Four Wheels Coupled Shunting Tank Engine Class B74-Arrangement and Details of Spring Gear	6" to 1' elevations and plan and full size details Endorsed: undated addition	28.1.13	1913	B74	Y4	P	308	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18506	Four Wheels Coupled Shunting Engine Class B74-Slide Bars	3" to 1' elevations and plan of bar and full size details Endorsed: slide bar bolts to be made of Class C steel 24.7.39	24.1.11	1911	B74	Y4	P	307	-
18507	Four Wheels Coupled Shunting Engine Class B74-Crosshead	Full size elevations and sections Endorsed: altered 23.7.13 and 11.7.21	21.1.13	1913	B74	Y4	P	308	-
18508	Four Wheels Coupled Shunting Tank Engine Class B74-Boiler	1½" to 1' elevations, sections and plan of boiler and 6" to 1' details Endorsed: altered in blue 6.8.14, in red 30.1.32 and undated in black	- .3.13	1913	B74	Y4	P	307	-
18510	Four Wheels Coupled Shunting Tank Engine Class B74-Spring	6" to 1' elevations and section of 11 plate spring 3'0" unloaded	24.1.13	1913	B74	Y4	P	308	-
18511	Four Wheels Coupled Shunting Engine Class B74-Connecting Rod	Full size elevations and plan Endorsed: modified in red 21.7.21 and 6.4.25	3.2.13	1913	B74	Y4	P	306	-
18512	Four Wheels Coupled Shunting Tank Engine Class B74-Slide Valve and Spindle	Full size elevations, section and plan of valves Endorsed: modified 16.7.21	- .1.13	1913	B74	Y4	CP	306	-
18513	Four Wheels Coupled Shunting Engine Class B74-Foundation Ring	3" to 1' elevation of ring and full size details of riveting	24.1.13	1913	B74	Y4	P	306	-
18514	Four Wheels Coupled Shunting Engines Class B74-Cylinders	3" to 1' elevations, sections and plans of cylinders Endorsed: altered 30.4.13	17.2.13	1913	B74	Y4	P	306	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18515	Four Wheels Coupled Shunting Engine Class B74- Centre Casting between Cylinders	3" to 1' elevations, sections and plan of casting	11.4.13	1913	B74	Y4	P	306	-
18515	Four Wheels Coupled Shunting Engines Class B74- Weights for Centre Casting Between Cylinders	3" to 1' elevations of 3 types of weight Endorsed: cancelled 9.10.13	- .1.13	1913	B74	Y4	P	306	-
Att 18516	Four Wheels Coupled Shunting Tank Engine Class B74-Cast Steel Leading Driving Wheels	3" to 1' elevations and sections of leading and driving wheels and full section through rim and tyre	- .3.13	1913	B74	Y4	CI	306	-
18517	Four Wheels Coupled Shunting Tank Engine Class B74-Axles	Full size elevation of journals and 3" to 1' elevation of axle	- .1.13	1913	B74	Y4	CI-C	306	-
18518	Four Wheels Coupled Shunting Tank Engine B74 Class-Motion Arrangement	3" to 1' elevations and half plan of motion Endorsed: undated alteration in black and altered 1.9.13	5.3.13	1913	B74	Y4	P	306	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18519	Four Wheels Coupled Shunting Tank Engine B74 Class-Details of Motion	Full size details of components	14.4.13	1913	B74	Y4	BP-L	306	-
18520	Crank Pins-Four Wheels Coupled Shunting Tank Engine Class B74	Full size elevations and plan of pins Endorsed: see Dg No 28537 for driving	- .1.13	1913	B74	Y4	P	306	-
18522	Four Wheels Coupled Shunting Engine Class B74- Steam Pipe Connection	Full size elevations and plan	17.2.13	1913	B74	Y4	P	253	-
18524	Four Wheels Coupled Shunting Engine Class B74- Framing Arrangement	1½" to 1' elevations and plan with sections	2.6.13	1913	B74	Y4	P	253	-
18524 Att	Four Wheels Coupled Shunting Tank Engine Class B74-Alteration to Frame at Trailing End	3" to 1' elevations and plan of alterations Endorsed: see Attachment for B77 6.8.14; altered 29.4.14, 5.8.14 and 18.9.14	8.8.13	1913	B74	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18524 Att	Four Wheels Coupled Shunting Tank Engine B77 Class-Alteration to Frame at Trailing End to Suit Brake Column	3" to 1' elevations and plan showing alteration	12.8.14	1914	B74	Y4	P	253	-
18525	Four Wheels Coupled Shunting Engine B74 Class-Chimney	6" to 1' sectional elevations and half plan of 3'1 1/4" chimney Endorsed: see Attachment for B77 15.7.14	- .3.13	1913	B74	Y4	CI-C	253	-
18525 Att	Chimney for B77 Class	6" to 1' sectional elevation of 1'10 1/4" chimney	15.7.14	1914	B77	Y4	P	253	-
18526	Four Wheels Coupled Shunting Tank Engine Class B74-Ashpan Details	Full size details of components	- .3.13	1913	B74	Y4	CI	253	-
18527	Four Wheels Coupled Shunting Tank Engine Class B74-Ashpan Arrangement	3" to 1' elevations and plan	11.4.13	1913	B74	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18528	Expansion Bracket-Four Wheels Coupled Tank Engine Class B74	Full size detail of riveting and 6" to 1' elevations of bracket	- .4.13	1913	B74	Y4	CI-C	253	-
18529	Four Wheels Coupled Shunting Tank Engine Class B74-Boiler Stays	Full size details of various types of stays	- .4.13	1913	B74	Y4	P	253	-
18530	Four Wheels Coupled Shunting Tank Engine Class B74-Blast Pipe	3" to 1' elevations and inverted plan	- .3.13	1913	B74	Y4	CI-C	253	-
18531	Four Wheels Coupled Shunting Engine Class B74-Smokebox	3" to 1' sectional elevations	1.5.13	1913	B74	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18532	Four Wheels Coupled Shunting Engine Class B74, G75-Smokebox Door	6" to 1' half elevation elevation and plan of door	30.4.13	1913	B74	Y4	P	253	-
18533	Four Wheels Coupled Shunting Tank Engine Class B74-Trailing Sand Box	3" to 1' sections and elevations Endorsed: cancelled see Dg No 18866	- .5.13	1913	B74	Y4	CI	253	-
18534	Four Wheels Coupled Shunting Tank Engine B74 Class-Arrangement and Details of Reversing Gear	1½", 3" & 6" to 1' elevations and plan of arrangement and details of components Endorsed: altered 31.8.14	16.5.13	1913	B74	Y4	P	253	-
18535	Four Wheels Coupled Shunting Tank Engine Class B74-Footplate Casting	3" to 1' details of two weights Endorsed: cancelled 9.10.13	- .7.13	1913	B74	Y4	P	253	-
18536	Four Wheels Coupled Shunting Engine Class B74-Injector Steam Cock	Full size elevations and sections	- .4.13	1913	B74	Y4	CI	253	-
18538	Four Wheels Coupled Shunting Engine Class B74-Tank Stays	Full size details of 2 types of stay	- .5.13	1913	B74	Y4	CP	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18539	Four Wheels Coupled Shunting Engine Class B74- Brake Arrangement	1½" to 1' arrangement shown on part outline of engine Endorsed: for alteration to hand brake for B77 see Attachment; altered 23.2.22	7.5.13	1913	B74	Y4	P	253	-
18539	Four Wheels Coupled Shunting Tank Engine B77 Class-Arrangement of Brake	1½" to 1' side elevation of hand brake arrangement at end of cab	29.7.14	1914	B77	Y4	P	253	-
Att									
18540	Four Wheels Coupled Shunting Engine B74 Class- Brake Column	3" to 1' elevations and plan	28.7.14	1914	B74	Y4	P	253	-
Att									
18541	Alterations to Cab and Windows B77 Class	1½" to 1' elevations and plan of cab	26.6.14	1914	B77	Y4	P	253	-
Att									
18542	Four Wheels Coupled Shunting Tank Engine Class B74-Cylinder Cock and Sand Gear Details	1½", 3" and 6" to 1' details of numerous components Endorsed: altered 8.8.13 My comment: virtually illegible, possible sand box and brake details		1914	B74	Y4	CP	253	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18543	Four Wheels Coupled Shunting Tank Engine Class B74-Rod, Pipe and Clothing Details	1½", 3" and 6" to 1' and full size details of components	- .5.13	1913	B74	Y4	P	253	-
Att 18543	Four Wheels Coupled Shunting Engine Class B74-Trailing Sand Box Gear Details	6" to 1' details of components	8.8.13						
Att 18544	Four Wheels Coupled Shunting Engine Class B74-Arrangement of Trailing Sand Box and Gear	1½" to 1' side elevation and plan of gear	- .5.13	1913	B74	Y4	P	253	-
18544	Four Wheels Coupled Shunting Tank Engine Class B74-Rod, Pipe and Clothing and Injector Arrangement	1½" to 1' elevations and plan of engine Endorsed: see Dg Nos 18866 & 18542 and Attachment for alteration to trailing sand box and gear 8.8.13 Endorsed: see Attachment for position of toolbox 12.1.20; altered 6.8.14 and 7.9.14	2.6.13	1913	B74	Y4	P	253	-
Att 18544	Sketch Showing Position of Tool Box on Shunting Engines A82 Class	1½" to 1' elevations and plan of tool box on footplate	11.1.21	1921	A82	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18545	Four Wheels Coupled Shunting Tank Engine Class B74-Cylinder Clothing	3" to 1' elevations and plan	- .5.13	1913	B74	Y4	P	253	-
18546	Four Wheels Coupled Shunting Engine Class B74-Footboard	1½" to 1' elevations and plan	- .5.13	1913	B74	Y4	CI	253	-
18547	Four Wheels Coupled Express Engines Class T19 Belpaire Fitted with Schmidt Superheater-Piston Rod	Full size details Endorsed: tail rods not required 14.8.14; work to red for T19 class engines with 25" stroke and Schmidt superheater 1.10.13	25.6.13	1913	T19	D13	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18549	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Superheater-Piston Tail Rod Casing and Bush, Valve Spindle Tail Rod Casing, Bush and Oil Box	6" to 1' and full size details of components	- .7.13	1913	T19	D13	P	253	-
18550	Four Wheels Bogie Express Engines T19 Class Belpaire Fitted with Schmidt Superheater- Arrangement of Metallic Packing and Tail Rod Casings for Piston Rod and Valve Spindle-Method of Lubrication of Slide Valves, Pistons and Cylinders	3" to 1' sectional elevations and 6" to 1' and full size details	12.7.13	1913	T19	D13	P	253	-
18551	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheated-Smokebox	3" to 1' sectional elevations of smokebox and part details of cylinder Endorsed: altered 6.10.14 and 21.12.21	26.9.13	1913	T19	D13	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18552	Tee Piece for Steam Pipe Connections for T19 Class Fitted with Schmidt Superheater	6" to 1' sections and elevations	24.7.13	1913	T19	D13	P	253	-
18553	Four Wheels Coupled Bogie Express Engines Class T19 with Belpaire Fitted with Superheater- Arrangement and Details for Wakefield's Mechanical Lubricator	1½" to 1' arrangement on engine and 6" to 1' and full size details Endorsed: altered 1.10.14, 18.5.16 and 30.6.39	16.9.13	1913	T19	D13	P	253	-
18553	T19 Class Superheater Engines-Arrangement for Wakefield's Mechanical Lubricator (7 Feed)(No 7 Pattern)	1½" to 1' elevation of plan of arrangement on section of engine	- .5.16	1916	T19	D13	P	253	-

Att

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18553 Att	T19 Class Superheater Engines-Arrangement and Details for Steam Jet Attachment (Anti Carboniser) for Wakefield's Mechanical Lubricator	1½" to 1' arrangement on front part of engine and details of pipes and brackets	15.11.17	1917	T19	D13	P	253	-
18553 Att	Four Wheels Coupled Express Engines Class T19 Belpaire with T19 Superheater and Balanced Valves-Arrangement of Lubricator Pipes to Cylinders, Port Faces and Steam Chest Covers	3" to 1' elevations and sections	7.11.17	1917	T19	D13	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18554	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater-Details of Spark Deflector and Blast Pipe Gear	1/2" to 1' and full size details Endorsed: modified 1915 for engines fitted with Robinson's superheater Endorsed: modified 14.10.24 for engines fitted with blast pipe to Dg No 25172	- .10.13	1913	T19	D13	P	253	-
18555	Arrangement and Details of Gangway for Carriages	6" to 1' arrangement of gangway 2'9" between angles and components Endorsed: altered 27.3.14; altered 4.1.23 for gangways to couple to Pullman vestibules and 16.11.32	3.8.13	1913	-	-	P	273	-
18556	Adaptor to Couple Existing Gangway to Gangway of British Standard Pattern	3" to 1' elevation and section of adaptor and details of components	26.8.13	1913	-	-	P	273	-
18560	Balanced Slide Valve D56 Class	Full size elevations and sections Endorsed: altered 12.2.14; dimensions in brackets for F48 class	- .9.13	1913	D56	D15	CP	253	-
18562	Four Wheels Coupled Bogie Express Engines Class T19-Arrangement and Details of Stones Patent Blast Pipe Gear and Spark Deflector	3" to 1' arrangement of gear and 6" to 1' and full size details of components Endorsed: altered 18.2.14	- .10.13	1913	T19	D13	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18568	No 10 Axlebox Washer and Cap	Full size elevations of components for road vehicle Endorsed: altered 14.7.26	- .3.13	1913	-	-	P	274	-
18570	Ironwork for Details for Alteration to Third Class Carriages and Brake Thirds for the Elsenham & Thaxted Light Railway LM6514	3" to 1' details of hand rails and footboard supports	- .3.13	1913	-	614C 613C	P	273	-
18587	No 10 Arm and Axle	6" to 1' elevation of arm for road vehicle	24.2.13	1913	-	-	P	275	-
18589	Emergency Coupling for Bogie Suburban Trains-Loughton Service	Full size elevations and plan of coupling Endorsed: altered 7.12.20	- .2.13	1913	-	-	P	274	-
18590	Arrangement of Pair Horse Lorry D&P2342	1½" to 1' general arrangement of flat bed lorry 14'2½" inside length Endorsed: amended 5.11.13; floorboards to be of oak 11.2.30	10.4.13	1913	D&P 2342	-	P	274	-
18591	Ironwork Details for Pair Horse Lorry D&P2342	3" to 1' details of ironwork Endorsed: cross reference to Dg No 18932 floorboards to be deal 11.2.30	12.4.13	1913	D&P 2342	-	P	274	-
18592	Arrangement of One Horse Lorry	1½" to 1' general arrangement of 2½ ton lorry 11'8" inside length Endorsed: modified 30.12.13; lock for footbrake see Dg No 18900 London District stock only; floorboards to be deal 11.2.30	- .3.12	1912	-	-	P	274	-
18592	Arrangement of One Horse Lorry 2½ Tons	1½" to 1' general arrangement of 4 wheel van 11'8" over body	- .3.13	1913	-	-	CP	213	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18572	Arrangement of One Horse Lorry 2 1/2 Tons	Endorsed: amended 16.10.13, body modified to 13'2" long	12.3.13	1913	-	-	CI	219	-
18593	Ironwork Details for One Horse Lorry	3" to 1' details of components Endorsed: altered 16.10.13, 30.12.13; for lock for footbrake see Dg No 18900 London District stock only	12.4.13	1913	-	-	P	275	-
18594	Bearing Spring for Dining Cars L62 Class Nos 55 & 56	3" to 1' elevation and plan of spring with full size detail	12.2.13	1913	L62	26C	CP	275	-
18603	Arrangement and Details of Pyrometer Tube Casing Class S69	1 1/2" to 1' arrangement on side of smokebox and full size details of clips	19.2.13	1913	S69	B12	P	239	-
18605	Four Wheels Coupled Engines Class T26-Built Up Crank Axle	3" to 1' details of right hand crank Endorsed: for left hand crank axle see Dg No 18606; cancelled see Dg No 26589 15.6.27	12.2.13	1913	T26	E4	CI-C	239	-
18606	Four Wheels Coupled Tank Engines Class T26-Built Up Crank Axle	3" to 1' arrangement of left hand crank Endorsed: for right hand crank axle see Dg No 18605	12.2.13	1913	T26	E4	CI-C	239	-
18629	Proposed 0-6-0 Tank Engine	1 1/2" to 1' outline elevation of engine length 32'5" over buffers with 5' dia wheels, WB 7'6" and 9'0", coal 3 tons, tank capacity 1,500 gallons Endorsed: scheme 1	12.4.13	1913	-	-	CP	239	-
18633	Bearing Spring Shoe for Wood Framed Wagons	Full size elevations and plan of shoe 3" to 1' diagram showing method of fixing to frame	23.6.13	1913	-	-	P	274	-
18639	No 11 Axlebox, Washer and Cap	Full size elevations and plan for road vehicle Endorsed: altered 29.11.16	19.3.13	1913	-	-	P	274	-
18647	Artillery Pattern Wheel for One Horse Lorry	6" to 1' elevation and section of 12 spoke wheel 2'11" diameter	18.4.13	1913	-	-	P	275	-
18648	Artillery Pattern Wheels for Pair Horse Lorry	6" to 1' elevations and section of 12 spoke hind and front wheels, 2'6" and 2'0" diameter	12.4.13	1913	-	-	P	275	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18663	Additional Filling Valve for Travelling Gas Holder Elsenham & Thaxted Light Railway	1" to 1' outline side elevation and plan of standard gas tank underframe showing an additional valve My comment: comprises a standard carriage bracket and filling valve with gauge connection blanked off	- .4.13	1913	-	63W	P	275	-
18664	Drawgear for 48Ft 3Ins and 50Ft Bogie Vehicles	1" to 1' arrangement of drawgear in relation to frame and 3" to 1' details Endorsed: amended 5.6.14 for No 55 restaurant and No 533 3rd	15.4.13	1913	-	-	P	275	-
18665	Diagram Showing Proposed Alteration to Existing Stock to Form Auto Train for Shenfield-Southend Service	1/4" to 1' interior of a composite and third class bogie carriages with gangway between and drivers compartment drawn by 2-4-2 tank	17.4.13	1913	-	-	P	275	-
-1									
18667	Sketch Showing Position of Pyrometer in Steam Chest for Engine 1501	3" to 1' details and components	11.4.13	1913	S69	B12	P	239	-
18672	Four Wheels Coupled Bogie Express Engines Class T19-Stones Variable Blast Pipe and Ash Ejector	6" to 1' arrangement of blast pipe and full size details of components	2.6.13	1913	T19	D13	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18672 Att	Alteration to Stones Blast Pipe T19 Class to Suit T26 Class Engines	Full size details of lower part of blast pipe	5.9.13	1913	T26	E4	P	239	-
18673	17Ft High Sided Wagon Fitted with Sheet Pole	1½" to 1' outline arrangement of 7 plank body 4'0½" deep, elevations and half plan and 3" to 1' details of sheet pole fittings Endorsed: cancelled see Dg No 19385 12.6.14	14.4.13	1913	-	73W	P	274	-
18675	Reversing Gear Details for F48 Class Engines with L56 Class Brackets	Full size details of components	- .4.13	1913	F48	J16	P	239	-
18680	Six Wheels Coupled Tank Engines Class S56- Arrangement and Details of Gear for Wakefield's Mechanical Lubrication for Axleboxes	1½" to 1' arrangement of apparatus on outline of engine and full size details of components	- .7.13	1913	S56	J69	CP	239	-
18689	Coupling Ends of Westinghouse Steam Heating Pipes	Full size elevations and plan with details of components	29.4.13	1913	-	-	P-C	274	-
18690	Arrangement of Bosch's Mechanical Lubricator Class S69	3" to 1' arrangement of gear and 6" to 1' details of components Endorsed: for other details see Dg No 17277 and 18203	- .4.13	1913	S69	B12	P	239	-
18691	Arrangement of Slot in Headstock for Carriages with Independent Draw Springs	6" to 1' elevation and plan of headstock	2.5.13	1913	-	-	P	274	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: modified 4.5.14							
18693	Arrangement of Stones Mechanical Lubricator Class S69	3" to 1' arrangement of lubricator and 6" to 1' details of components Endorsed: for other details see Dg No 17277 and 18203	14.5.13	1913	S69	B12	P-C	239	-
18694	Four Wheels Coupled Radial Tank Engines Y65 Class- Arrangement of Gear on Engine to Work Auto Train	1½" to 1' arrangement in relation of rear end of engine Endorsed: extra rails added to bunker and back window guard rails 1.12.15	16.6.13	1913	Y65	F7	P	239	-
18695	Arrangement of Fire Engine Truck for Ipswich D&P2349	1½" to 1' general arrangement with sections Endorsed: altered to red for Cambridge fire engine truck D&P4657 16.12.15; for ramp and stretcher for Cambridge engine see Dg No 20532	2.5.18	1918	D&P 2349	-	P	275	-
18702	Hose Clips for Water Cranes	6" to 1' plan of two clips	3.5.13	1913	-	-	CI	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18715	Position of Holes in Solebar of 50Ft Carriages with Steam Heating Pipe Connections	¾" to 1' seven outline side elevations of solebars showing hole positions for 1st D74, compo D73, X73, X76, compo E71, 3rd F74, L74, 3rd C73, Y76, brake 3rd Y73, brake I74	7.5.13	1913	-	-	P	275	-
18728	Six Wheels Coupled Bogie Express Engines Class S69- Piston Valves and Spindle	Full size arrangement Endorsed: altered 16.7.21	23.5.13	1913	S69	B12	P	239	-
18729	Six Wheels Coupled Bogie Express Engines Class S69- Piston Valves and Spindle	Full size elevations Endorsed: altered 22.11.13 and 16.7.21	23.5.13	1913	S69	B12	P	239	-
		1½" and 3" to 1' details of components			D&P 239				

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I8734	Details of Underframe and Turntable for Fire Engine Truck D&P239 and Class T82	Endorsed: altered to red for Cambridge truck D&P4657 17.12.15; work to alterations to green and red for truck T82 30.1.20	28.5.13	1913	T82	-	P	275	-
I8735	Details of Ironwork of Fire Engine Truck D&P2349	1", 1½", 3" and 6" to 1' details of components Endorsed: for Cambridge truck see Dg No 20532; notes added for Cambridge truck D&P4657 20.12.15	16.6.13	1913	D&P 2349	-	P	274	-
I8736	Auxiliary Draw Springs	Full size detail of spring	22.5.13	1913	-	-	P	275	-
I8740	Four Wheels Radial Tank Engines Class Y65 & P55- Details of Actuating Cylinder and Shaft Brackets for Auto Train Gear	6" to 1' and full size details	9.6.13	1913	P55 Y65	F5 F7	CP	239	-
I8741	Arrangement of Body for Fish Van M74 Class	1" to 1' arrangement of 32' body Endorsed: load reduced from 10 to 8 tons 11.5.16	20.6.13	1913	M74	44W	P	274	-
I8742	Arrangement of Underframe for Fish Van M74 Class	1" to 1' elevations and plan of 31'10½" timber underframe showing dual brake details and position of gas cylinder	- .6.13	1913	M74	44M	P	275	-
I8743	Details of Underframe Ironwork for Fish Van M74 Class	3" to 1' details of components Endorsed: two undated modifications My comment: parts of print missing	7.8.13	1913	M74	44M	P	275	-
I8744	Ironwork and Details for Body of Fish Van M74 Class	3" and 6" to 1' details of ironwork Endorsed: additional components added 24.7.13	1.7.13	1913	M74	44M	P	274	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18749	Four Coupled Express Engines Class D56-Oil Box for Small Ends	Full size details Endorsed: amended 3.6.15	9.6.13	1913	D56	D15	P	239	-
18773	Drivers Control Valve for Auto Train Gear	Full size details of components	8.6.13	1913	-	-	P	239	-
18774	Six Wheels Coupled Express Engines Class A73, B78-Arrangement of Robinson's Superheater and Draught Retarder	3" to 1' elevations and section of smokebox Endorsed: work to red for B78 9.3.15, see Dg No 19874 for B78 header	13.6.13	1913	A73	B12	P	239	-
18775	Electric Contact Box for Auto Train Gear	Full size sections of wooden box	- .6.13	1913	-	-	P	239	-
18776	Four Wheels Coupled Radial Tank Engines Class Y65-Pressure Reducing Valve and Other Brass Details for Auto Train Gear	Full size details of valve, etc.	15.8.13	1913	Y65	F7	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18776	Tee Pieces for Additional Westinghouse Pump on Auto Train Engine	Full size details	- .10.14	1914	-	-	CP	239	-
Att									
18777	21 Element Cast Iron Superheater Header	3" to 1' arrangement Endorsed: copy of Locomotive Superheater Corporation 364/8 dated 19.3.13	19.3.13	1913	-	-	BP	239	-
18792	Proposed Arrangement for Working Air Reversing Gear with Steam on Goods Engines F48 Class	1½" to 1' arrangement on outline of lower part of engine	- .6.13	1913	F48	J16	OC-C	239	-
18792	Proposed Arrangement for Working Air Reversing Gear with Steam on Goods Engines F48 Class	1½" to 1' arrangement on outline of lower part of engine	- .6.13	1913	F48	J16	P	239	-
18793	Four Wheels Coupled Bogie Express Engines Class T19 fitted with Schmidt Superheater-Cover	Full size details of cover Endorsed: amended 3.10.13 and 26.8.14	- .6.13	1913	T19	D13	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18793 Att	Four Wheels Coupled Bogie Express Engines Class T19 with 25In Stroke Fitted with Schmidt Superheater-Front Cylinder Cover	Full size section Endorsed: for cylinder cover for future engines T19 class, 25" stroke superheater see Dg No 19550	1.10.13	1913	T19	D13	P	239	-
18794	Outline of Proposed Four Wheels Coupled Radial Tank Engine (Modified G69 Class)	1½" to 1' outline side elevation of 2-4-2 tank with 7'6", 8'9" and 6'9" wheelbase, no overall length shown	21.6.13	1913	-	-	P	239	-
18795	Bending Moment Diagram of Proposed Four Wheels Radial Tank Engine (Modified G69 Class) Crossing 20 Ft Span	Scale ¼" to 1' and 1" equals 100 ft tons Endorsed: for diagram of engine see Dg No 18794	- .6.13	1913	-	-	CP	239	-
18804	Four Wheels Coupled Express Engines Class D56- Arrangement of Steam Distributing Valves on Boiler for Galloway-Hill Patent Furnace	1½" to 1' arrangement on outline of firebox and full size details of components	- .6.13	1913	D56	D15	P	239	-
18810	Diagram of Ambulance Train	1/8" to 1' elevation and plan of ambulance train and interiors of the 50' vehicles before alteration comprising diagrams 529, 234, 541, 541, 541, 535, 541, 541, 541, 9 & 234 1/8" to 1' elevation and plan of ambulance train and interiors of 50' vehicles before alteration comprising diagrams 234, 541, 541, 135, 541, 541, 9 & 234	- .8.14	1914	-	-	P	450	2
18810	Diagram of Proposed Ambulance Train		- .8.13	1913					
18820	Six Wheels Coupled Tank Engines S56 Class- Arrangement and Details of Gear for Wakefield's	1½ to 1' arrangement of gear with 6" to 1' and full size details of components	10.7.13	1913	S56	D14	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18820	Arrangement and Details of Gear for Wakefield's Mechanical Lubricator	Endorsed: for engines with three feed lubricators see attachment; altered 15.9.13	7.7.13	1913	S56	D14	P	239	-
18820	Six Wheels Coupled Tank Engines S56 Class- Arrangement and Details of Gear for Wakefield's Mechanical Lubricator	1½ to 1' arrangement of gear with 6" to 1' and full size details of components My comment: largely illegible, title may be incorrect, amended 30.6.39	10.10.13	1913	S56	D14	CP	239	-
18823	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' arrangement shown on outline of engine and components	7.1.14	1914	D56	D15	P	239	-
18836	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater, Stones Variable Blast Pipe and Ash Ejector	3" to 1' arrangement of blast pipe Endorsed: work to Dg No 21572 15.10.24 and altered 25.10.13	7.1.13	1913	T19	D13	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18836 Att	Alteration to Stones Blast Pipe T19 Class to Suit D56 Class Fitted with Schmidt Superheater	Full size arrangement of blast pipe	- .1.14	1914	D56	D15	P	239	-
18839	Alteration to Refrigerator Vans E73 Class- Arrangement and Details	1 ½" to 1' part section and sectional end elevation of van and 3" to 1' details of components Endorsed: altered 16.6.14	- . .13	1913	E73	64W	P	447	2
18840	Galvanised Iron Ice Tank for Refrigerator Van E73	3" to 1' elevations and plan of ice tank made of no 14 SWG sheet	21.7.13	1913	E73	64W	P	447	3
18857	20 Ton Coal Wagon-Buckle for Buffing	Full size elevation and plan of wagon drawhook	31.12.14	1914	-	-	P	443	4
18858 18859	Diagram of Wagons for Proposed Rail Train for Lowestoft Proposed Rail Train for Lowestoft-Sketch of Wagon with Sunk Bolster	½" to 1' outline elevations of 13' trucks with sunk bolster and 8' wheelbase, one set of 3 trucks for 45' rails and 2 trucks for 30' rails Endorsed: 5 sets of 3 trucks each per train 1 ½" to 1' outline side and end elevation of 13' wagon with sunk bolster and 8' wheelbase	30.7.13	1913	-	-	P	448	2
18860	Arrangement of Draw Gear with Slotted Headstock for Bogie Suburban Trains R to Y74	1 ½" to 1' half sectional side elevation of frame and half plan showing details of draw gear Endorsed: altered 18.8.13	24.7.13	1913	R74 S74 T74 X74 Y74	104C 237C 238C 300C 542C	P	447	3
18862	Mild Steel Gear for Bogie Suburban Trains with Slotted Headstock R to Y74	3" and 6" to 1' elevations and plan of drawhook, drawbar and fittings Endorsed; altered 10.3.15 for hook see Dg No 18942; altered 21.2.16 & 8.12.19	27.7.13	1913	R74 S74 T74	104C 237C 238C	P	447	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					X74 Y74	300C 542C			
18864	Six Wheels Coupled Express Engines Class S69-Sketch of Flange for Steam Pipes	Full size sectional elevation and plan Endorsed: altered for other classes; cancelled see Dg No 23236 22.10.20	30.7.13	1913	S69	B12	P	289	-
18866	Four Wheels Coupled Tank Shunting Engine Class B74-Trailing Sand Box	3" to 1' elevation and plan of sand box Endorsed: 3" to 1' arrangement of sand box added for D81 class Lentz valve gear undated; original drawing altered 12.2.15	8.8.13	1913	B74	Y4	P	289	-
18870	Restriction Plate for Machine Trucks	Full size elevation and section of plate 10 1/2" x 4 3/8" cast plate lettered 'Not to Loaded via the NERly beyond York' for 25 ton machine trucks and 14 ton machine trucks prior to C75	9.8.13	1913	-	-	P	447	2
18883	Moveable Partition for Cattle Wagons	1 1/2" to 1' elevation, sections and plan of partition and 3" to 1' details of ironwork Endorsed: altered 29.10.13	16.8.13	1913	-	-	P	448	2
18884	Details of Hydraulic Reversing Gear	6" to 1' details of components Endorsed: altered 19.9.17	- .8.13	1913	-	-	P	288	-
18885	Hydraulic Reversing Gear-Cocks and Valve Bracket	6" to 1' elevations and plan of cocks and 6" to 1' details of bracket	10.9.13	1913	-	-	P	289	-
18886	Six Wheels Coupled Goods Engines Class F48-Hydraulic Reversing Gear Arrangement	(Full size) elevation and plan of reversing gear, undimensioned	25.8.13	1913	F48	J16	P	289	-
18886 Att	Alteration to Hydraulic Reversing Gear Engs. F48 Class	Full size sectional elevation Endorsed: altered 19.9.17	26.2.15	1915	F48	J16	P	289	-
18887	Arrangement of Davies & Metcalfe's Exhaust Injector on Four Wheels Coupled Express Engines D56 Class	1 1/2" to 1' arrangement shown in relation to outline elevations and half plan of engine	- .8.13	1913	D56	D15	P	288	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18888	Details of Exhaust Injector Gear on Express Engines Class D56	3" and 6" to 1' and full size details of numerous components	- .8.13	1913	D56	D15	P	288	-
18890	Alteration to Draw Gear of Bogie Suburban Carriages	1 ½" to 1' sectional side elevation and plan of draw gear Endorsed: altered 17.10.13 & 1.10.14	18.8.13	1913	-	-	P	448	2
18901	10 Ton High Sided Goods Wagons-Stiffening Plate for Wagons Fitted with McCords Bearing Spring	Full size part elevation, plan and sectional end elevation showing position of plate mounted on outside of channel steel solebar	- .8.13	1913	-	-	P	434	
18902	Six Wheels Coupled Express Engines Class S69-Arrangement of Pipes and Gear for Davies & Metcalfe's No 9 Exhaust Steam Injector	1 ½" to 1' arrangement shown in relation to outline of elevations and half plan of engine	- .8.13	1913	S69	B12	CP	289	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18906	Four Wheels Coupled Bogie Express Engines T19 Belpaire-Arrangement and Details of Superheater Damper Gear	1 1/2" to 1' outline elevations of engine showing arrangement of equipment and 6" to 1' details of components	-	1913	T19	D13	P	288	-
18907	Arrangement of Draw and Buffing Gear on Bogie Suburban Trains	1 1/2" to 1' sectional side elevation and plan of underframe and coupling arrangement between carriages with short buffers	27.8.13	1913	-	-	CP	450	2
18908	Diagrams of Wagons for Proposed Rail Train for Lowestoft	1/2" to 1' outline elevations of 13' bolster wagons, 5 sets of 3 to Carry 45' rails and 2 to carry 30' rails Endorsed: diagram 18858 amended as per Mr Jones letter 20.8.13	28.8.13	1913	-	-	P	434	
18916	Smokebox Door for Engines with 4Ft 4Ins Diameter Boilers	6" to 1' elevation and sections	16.9.13	1913	-	-	P	288	-
18917	Six Wheels Coupled Goods Engines Class F48-Arrangement of Hydraulic Reversing Gear	1 1/2" to 1' arrangement of gear shown in relation to outline elevations and half plan of engine	21.10.13	1913	F48	J16	P	288	-
18921	Alteration to Carriage Gangways	3" to 1' side and end elevations and plan of gangway and 6" to 1' details of new components Endorsed: altered 12.8.20	11.9.13	1913	-	-	P	434	
18927	Diagram of Proposed 13Ft Bolster Wagon	1/2" to 1' outline side elevation of 13' bolster wagon with 8' wheelbase	18.9.13	1913	-	-	P	434	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18928	Enfield Bogie Train-Alteration to Slotted Headstocks and New Emergency Coupling	1 1/2" to 1' part sectional elevation and plan of underframe and 3" to 1' details of components	18.9.13	1913	-	-	P	434	
18932	Alterations to Brake Pair Horse Lorries	3" to 1' elevation of arrangement and full size details of components Endorsed: D&P2342 and future classes for London cartage	29.8.13	1913	-	-	P	448	2
18933	Arrangement of Continental Wagon B75	1 1/2" to 1' general arrangement of 22' 10" open wagon Endorsed; brake hangers altered 12.2.14	14.10.13	1913	B75	69W	CP	446	2
18934	Frame Details for Continental Wagon B75	3" to 1' elevations and plans of numerous frame components	- .11.13	1913	B75	69W	P	447	2
18935	Ironwork Details for Continental Wagons B75	3" to 1' details of numerous components	27.10.13	1913	B75	69W	CP	446	2
18939	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire with Schmidt Superheater and 25In Stroke Piston	Full size elevations and plan of piston Endorsed: altered 24.3.14 & 24.4.28	7.10.13	1913	T19	D13	P	288	-
18940	Six Wheels Coupled Goods Tank Engines Class G75- Cab, Tanks and Coal Bunker	1 1/2" to 1' elevations and plan of these elements Endorsed: altered 3.4.25 additional bars to bunker coal rails 8.6.25	27.10.13	1913	G75	J68	P	289	-
18941	Six Wheels Coupled Tank Engines R24 Class (Engines No 198)-Arrangement and Details of Tank for Using 'DM Boiler Enamel'	1 1/2" to 1' elevations of tank mounted on side of cab by cut out and full size details of fittings My comment: tank 12" x 12" x 7" deep	- .10.13	1913	R24	J67	CP	288	-
18942	Profile of Draw-Hook for Carriage Stock for New Hooks	Full size elevations and plans of hook made from steel	10.10.13	1913	-	-	P	446	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18942 -1	Profile of Draw-Hook for Carriage Stock for New Hooks	Full size elevations and plan of steel hook	14.7.18	1918	-	-	P	448	2
18943	Alteration to Draw Hook for Carriage Stock-Existing Hooks	Full size elevation and plan of hook Endorsed: altered 15.11.13	10.10.13	1913	-	-	P	434	
18945	Arrangement of Buffing and Draw Gear on 50Ft Steel Underframe	1 ½" to 1' half sectional side and half plan of channel steel underframe	10.11.13	1913	-	-	P	447	2
18949	Four Wheels Coupled Tank Engine Class C32- Arrangement of Steam Heating Pipes	1 ½" to 1' arrangement of pipes on outline elevation and half plan of framing and boiler	16.10.13	1913	C32	F3	P	288	-
18951	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement and Details of Stone's Patent Blast Pipe Gear and Spark Deflector	3" to 1' sectional elevations of blast pipe and 6" to 1' and full size details of components Endorsed: altered 17.2.14	6.11.13	1913	T26	E4	P	288	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18955	Four Wheels Coupled Express Engines D56 Class- Proposed Slide Valve Inspection Holes in Front Steam Chest Cover	3" to 1' elevations and full size section	- .10.13	1913	D56	D15	CI	289	-
18956	Artillery Pattern Wheels for Pair Horse Van	6" to 1' elevations and sections of 14 spoke 4'6" diameter hind wheel and 12 spoke 3'3" diameter front wheel	25.11.13	1913	-	-	P	353	
18957	Six Coupled Goods Engines Y14 Class with G14 Class Tenders (3,066 Gallons)-Arrangement and Details of Tank for Using 'DM Boiler Enamel'	1 1/2" to 1' arrangement of tank shown on outline of part of engine and 6" to 1' details of bracket Endorsed: tank to Dg No 18941;mounted on front top corner of tender	- .10.13	1913	Y14	J15	CP	289	-
18959	Arrangement of Pair Horse Van D&P2803	1 1/2" to 1' general arrangement of a 4 wheel open van length 11'9 1/2" outside to carry 5 tons	10.11.13	1913	D&P 2803	-	P	353	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18959	Arrangement of Pair Horse Van D&P2803	1½" to 1' elevations, section and plan of open 4 wheeled van 11'9½" outside length	10.1.13	1913	D&P 2803	-	PL-C	383	
18959	Arrangement of Pair Horse Van D&P 2803	1½" to 1' general arrangement of 4 wheeled van 11'7" inside	10.11.13	1913	D&P 2803	-	PL-C	212	-
18960	Ironwork Details for Pair Horse Van	3" to 1' details of numerous components Endorsed: altered 20.1.14 My note: spilt ink has obscured part of bottom right of drawing	16.12.13	1913	D&P 2803	-	P	353	3
18964	Alteration to Gauge Glass Protectors	Full size elevations and plan with dimensions for different classes	27.10.13	1913	-	-	P	289	-
18965	Wagon Wheel with Steel Disc Centre	Full size section of 3'2" diameter wheel on tread with tyres and 3" to 1' section of whole wheel with 3 6" diameter holes and a single 2" hole Endorsed: profile of Gibson ring fastening altered 16.11.27	31.10.13	1913	-	-	P	353	
18968	Bearing Spring for Restaurant Car	3" to 1' elevation and section of 8 plate spring 4'0" unloaded	29.10.13	1913	-	-	P	353	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18969	Six Wheels Coupled Goods Engines Classes G58, F48, L52 & G58 Superheater- Arrangement and Details of Stones Patent Blast Pipe Gear and Spark Deflector	3" to 1' front elevation and section of gear and 6" to 1' and full size details Endorsed: altered 7.2.14 modified for G58	20.11.13	1913	G58	J17 J16	P	289	-
18972	Tinned Copper Cold Water Tank for Main Line Carriages with Wide Gangway 4.11	3" to 1' elevation and plan of left hand tank	4.11.13	1913	-	-	P	353	-
18974	Six Wheels Coupled Bogie Express Engines Class S69- Piston with Wide Ring	Full size elevation and section of 1'7 7/8" diameter piston head Endorsed: altered 19.3.14 & 10.9.40	7.11.13	1913	S69	B12	P	289	-
18980	Arrangement of One Horse Van D&P2805	1½" to 1' elevations and plans of 4 wheel covered van length 9'0" inside to carry 2½ tons	8.12.13	1913	-	-	P	353	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18980	Arrangement of One Horse Van D&P2805	1½" to 1' elevations and plan of 4 wheeled van 9'0" inside with hoops, to carry 2½ tons	8.12.13	1913	D&P 2805	-	PL-C	383	
18980	Arrangement of One Horse Van D&P 2805	1½" to 1' general arrangement of 4 wheeled van 9'2' outside	8.12.13	1913	D&P 2805	-	PL-C	212	-
18981	Ironwork Details for One Horse Van	3" and 6" to 1' details of numerous components	29.11.13	1913	-	-	P	353	
18982	Artillery Pattern Wheels for One Horse Van	6" to 1' elevation and section of 14 spoke 4'6" diameter hind wheel and 12 spoke 3'3" diameter front wheel	27.11.13	1913	-	-	P	353	
18997	Proposed Method of Converting 4 Wheeled Vehicles into Bogie Vehicles New Standard Underframe and Bogies	1" to 1' outline side elevation of 27' brake 3rd and 3rd bodies mounted on 53¼" steel underframe with notes of modifications required	18.11.13	1913	-	-	P	353	
19002	Proposed Support for Piston Valve Spindles Engines S69 Class	3" to 1' elevations and plan	- .11.13	1913	S69	B12	CP	243	-
19004	Six Wheels Coupled Coal Engines Class E72- Arrangement of Stones Blast Pipe and Spark Deflector and Details	3" to 1' arrangement and full size details Endorsed: for engines with Robinson's superheater class T77 see Dg No 20963	- .12.13	1913	E72	J18	P	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19005	Number and Pressure Plates for Boilers	Full size elevations and section of 4 elliptical plates size 5¼" x 3 3/8	13.1.14	1914	-	-	CI	243	-
19008	Proposed Articulated Shunting Tank Engine-Diagram Shewing Vehicle on 1 Chain Curve	1½" to 1' plan showing wheelbase only on curve My comment: illegible but possibly a variation of Dg No 19009	26.4.12	1912	-	-	CP	243	-
19009	Proposed Articulated Shunting Engine on 2 Chain Curve	1½" to 1' plan showing wheelbase only on a curve	29.4.12	1912	-	-	P-C	243	-
19015	Six Wheels Coupled Bogie Express Engines Class S69-Details for Schmidt's Steam Circulating Device	Full size details of components Endorsed: undated modifications	11.12.13	1913	S69	B12	P	243	-
19017	Four Wheels Coupled Express Engines D56 Class-Connection Fittings on Engine and Tender for Flexible Metallic Feed Pipe	6" to 1' elevations of pipes	2.12.13	1913	D56	D15	CP	243	-
19022	Spanner for Taper Pin of Coupling Rod Crank Pin Washer Elbow for Back Pressure Valve G75 Class Tank Engine	Full size elevations and plan of spanner	- .12.13	1913	-	-	CP	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 9023	Six Wheels Coupled Bogie Express Engines S69 Class- Snifting Valve and Connection to Header	Full size arrangement with elevations and section Endorsed: for snifting valve 1500 class see Dg No 22333; modified 21.2.14 and 22.6.15	6.12.13	1913	S69	B12	P	243	-
I 9023	Alterations to Snifting Valve and Connections to Header for D56, P19 & E72 Classes	Full size details for the 3 classes	21.2.14	1914	D56	D15	P	243	-
Att					E72	J18			
I 9023	Proposed Alteration to Steel Valve for Snifting Valve Casings without Lugs	Full size sectional elevations Endorsed: for other dimensions see Dg No 19023	- .9.15	1915	-	-	P	243	-
Part									
I 9037	Six Wheels Coupled Bogie Express Engines Class S69- Sketch of Elbow for Steam Pipes	3" to 1' end elevation of smokebox and 6" to 1' elbow Endorsed: not carried out	- .12.13	1913	S69	B12	CP	243	-
I 9039	Hind Spring for Pair Horse Van (D&P2803)	3" to 1' elevations and plan of 9 plate spring 3'6" unloaded	15.12.13	1913	D&P	-	P	353	
					2803				
I 9044	Water Gauge Column Seating C53 Class	Full size elevations	- .12.13	1913	C53	J70	CP	243	-
I 9051	GER Stratford Works Running Depat-35 Ton Steam Breakdown Crane-Bending Moment Diagram on 35ft Span	Unscaled bending moment diagram for Craven's crane with 23'2" wheelbase and a total weight of c.57 tons	- .12.13	1913	-	-	CP	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 9054	Bending Moment Diagram of Express Engines D56 Class with Schmidt Superheater with Heaviest Axle Load in Centre of Span	¼" to 1' and 1" to 100 ft tons wheel diagram and graph	- .12.13	1913	D56	D15	CP	243	-
I 9056 -2 I 9069	Diagram of Proposed First Class Restaurant Car and Kitchen Car Diagram of Proposed Third Class Restaurant Car	3/8" to 1' interior layout of 54' body with 20 1st class seats and kitchen 3/8" to 1' interior layout of 54' body with 42 3rd class seats	8.1.14	1914	-	-	P-C	353	
I 9058 I 9071	Door Control Springs for Cattle Wagons Details of Proposed Sheet Tilt for 17Ft High Side Wagons	Full size elevation of spring 3" to 1' details of components	3.1.14 14.1.14	1914	-	-	P	353	
I 9064	Diagram of Proposed Six Wheels Radial Tank Engines	1½" to 1' side elevation of engine with 4'10" driving 3'9" trailing wheels, wheelbase 7'6" and 8'9", length 34'10" over buffers My comment: looks like an elongated 2-4-2 tank engine	- .1.14	1914	-	-	CP	243	-
I 9065	Four Wheels Coupled Bogie Express Engines D56 Class-Balanced Slide Valve	Full size elevations and section Endorsed: GN pattern; work to red for 1830 engine and last 5 D57 engines 14.5.19	- .1.14	1914	D56	D15	P	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19065	Six Wheels Coupled Goods Engines G58 Class Fitted with Superheater-Valve Spindle for Balance Slide Valve (Dg No 1900)	6" to 1' plan only	- .9.15	1915	G58	J17	P	243	-
Att									
19070	Diagram of Proposed Six Coupled Radial Engine on 4 and 6 Chain Curve	(1/4" to 1') wheel diagram on two curves	- .1.14	1914	-	-	CI	243	-
19074	No 13 Axle and Axle Arm	6" to 1' elevation of arm to be designated 13C	20.4.14	1914	-	-	P	353	
19075	No 13 Axlebox, Washer and Cap	Full size elevations and sections	20.1.14	1914	-	-	P	353	
19076	Arrangement of One Horse Parcel Van D&P3051	1 1/2" to 1' arrangement of 4 wheel covered van length 8'0" inside	13.3.14	1914	D&P 3051	-	P	353	
19076	Arrangement of One Horse Express Parcel Van	1 1/2" to 1' elevations, sections and plan of 4 wheel van 8'0" inside	13.3.14	1914	-	-	PL-C	383	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19076	Arrangement of One Horse Express Parcel Van D&P 3051	1½" to 1' general arrangement of 4 wheeled van 8' overall	13.3.14	1914	D&P 3051	-	PL-C	212	-
19077	Ironwork Details for One Horse Express Parcel Van	3" to 1' details of numerous components	24.3.14	1914	-	-	P	353	
19080	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Schmidt Superheater-Arrangement of Stone's Blast Pipe and Details	3" to 1' arrangement and 6" to 1' details Endorsed: the word Schmidt later deleted from title	21.2.14	1914	D56	D15	P	243	-
19082	Arrangement and Details of Hand Brake and Step Boards for No 9 Tramway Luggage Van for use on Elsenham & Thaxted Light Railway	1" to 1' outline side elevations and half plan of van showing arrangement of brake gear and 3" to 1' details of brake components	- .1.14	1914	-	604C	P	353	
19084	Six Wheels Coupled Tank Engines Class S56 and G75-Footboard	1½" to 1' plan and section for inside of cab	12.11.13	1913	S56 G75	J69 J68	P	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19087	Springs for Light Parcels Van D&P3051	3" to 1' elevations and plan of 5 plate front spring 2'8" unloaded and 6 plate hind spring 3'0" unloaded	21.1.14	1914	D&P 3051	-	P	353	
19088	Artillery Pattern Wheels for One Horse Express Parcel Van	6" to 1' elevation and section of 14 spoke 4'6" diameter hind wheel and 12 spoke 3'3" front wheel	20.3.14	1914-	-	-	P	353	
19088	Artillery Pattern Wheels for One Horse Express Parcel Van	6" to 1' elevations and sections of 4'6" and 3'3" diameter wheels	- .3.14	1914	-	-	PL	209	-
19099	B.M. Diagram of Proposed Six Wheels Coupled Radial Tank Engine Crossing 30Ft Span	Unscaled graph and wheelbase	- .1.14	1914	-	-	CP	243	-
19105	Screw Couplings for Timber Wagon Binding Chains	Full size arrangement of coupling	28.1.14	1914	-	-	P	236	-
19106	Arrangement of Lamp Irons, Treads, Etc. on Ends of Main Line Vehicles with Standard Gangway	1 1/2" to 1' elevations of ordinary and brake ends of elliptical roofed stock Endorsed: amended to red 17.2.19	29.1.14	1914	-	-	P	236	-
19115	1 1/4In Relief Valve and Tee Piece for Engines Fitted with Steam Heating Apparatus	Full size elevations and sections	7.2.14	1914	-	-	P	243	-
19120	Bogie Bolster Springs	Full size details of 5" dia inner and 8" dia outer springs	3.2.14	1914	-	-	P	236	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19122	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Stone's Patent Blast Pipe- Arrangement and Details of Ash Ejector	1½" to 1' arrangement and 6" to 1' and full size details of components	- .3.14	1914	D56	D15	P	243	-
19129	Six Wheels Coupled Bogie Express Engines S69 Class- Arrangement of Schmidt's Steam Circulating Device	3" to 1' sectional elevations of smokebox showing apparatus	9.2.14	1914	S69	B12	P	243	-
19133	Arrangement of First Class Restaurant Car with Kitchen Class L76	¾" to 1' general arrangement of 54' body	27.2.14	1914	L76	31C	P	236	-
		1½" and 3" and full size details of fittings			S46	D14			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19141	Express and Goods Engines Classes S46, D56, F48, G58, T19, E72, S69-Smokebox Door Details	Endorsed: modified 28.5.14; also for tank engines class L77 2.11.14	1.5.14	1914	D56 F48 G58 T19 E72 S69	D15 J16 J17 D13 J18 B12	P	243	-
19142	Engines Screw Coupling Showing Proposed Alteration to Screw for Engines S69 Class	Full size details of new and old screw	12.2.14	1914	S69	B12	P	243	-
19153	General Arrangement of Third Class Restaurant Car M76	¾" to 1' arrangement of 54' body with sections and outline of underframe	16.3.14	1914	M76	431C	PL-C	383	
19153	Arrangement of Third Class Restaurant Car M76	¾" to 1' general arrangement of 54' body	16.2.14	1914	M76	431C	P	236	-
19155	Six Wheels Coupled Tank Engines Class S56, C72-Arrangement and Detail of Steam Heating Apparatus	1½" to 1' arrangement on an outline of engine cab and footplating, full size details of brackets	- .2.14	1914	S56	J69	P	231	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19155	Six Wheels Coupled Tank Engines S56 Class, R & S24- Part Arrangement and Details of Steam Heating to Suit GC Pattern Steam Heating Valve	1 1/2" to 1' elevations and plan of apparatus in cab and full size details of fittings	30.7.24	1924	S56	J69	P	231	-
Att 2									
19158	Four Wheels Coupled Express Engines Class D56, T77, F48, T19 Belpaire-Cast Iron Header for Robinson's Superheater	6" to 1' sectional elevations and plan	- .2.14	1914	D56	D15	P	231	-
					T19	D13			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19159	Seating for Dewrance's Asbestos Packed Steam Cock for Mechanical or Sight Feed Lubricator	Full size seatings for Belpaire and round topped boilers Endorsed: amended 10.3.14	23.2.14	1914	-	-	P	231	-
19160	Arrangement of Third Class Carriage Fitted with Steel Panels and Partitions	¾" to 1' arrangement of 50' body elevations and plan Endorsed: packed with saw dust under floor	- .3.14	1914	-	419C	PL-C	209	-
19160	Arrangement of Third Class Carriage Fitted with Steel Panels and Partitions	¾" to 1' arrangement of 50' body with cross section, panels 18 gauge Lysaght charcoal finish My comment: original title had iron in place of steel for panels and an iron floor. The body lacks the usual panel beading,	26.2.14	1914	-	419C	P	236	-
19161	Arrangement of Single Bolster Wagon C76 Class F77 Class	1½" to 1' general arrangement of 15' wagon Endorsed: for wagons built with coalition wheels, axles, etc. see Dg No 19993; altered to green 20.4.15 My comment: details of F77 class superimposed showing addition of slide plate for bolster	12.3.14	1914	C76	66W	P	236	-
19162	Details of Underframe for Single Bolster Wagon Classes C76 and F77	3" to 1' details of components Endorsed: work to dimensions and particulars shown in red for wagons built with coalition wheels, axles, etc. shown on Dg No 19993 classes L78 20.4.15; work to alterations shown in green for L78 and future classes 20.4.15 My note: this alteration appears to affect brake gear components	21.4.14	1914	C76	66W	P	236	-
		3" to 1' details of components			C76				

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19163	Details of Ironwork for Single Bolster Wagon Classes C76 & F77	Endorsed: work to dimensions and particulars shown in red for wagons built with coalition wheels, axles, etc. shown on Dg No 19993 classes L78 20.4.15; work to alterations shown in green for L78 and future classes 20.4.15 My note: this alteration appears to affect brake gear components	15.5.14	1914	F77	66W	P	236	-
19168	Six Wheels Coupled Bogie Express Engines Class S69- Coupling Rod Lubricator and Trimmings	Full size elevation and plan of lubricator	- .2.14	1914	S69	B12	C-P	231	-
19170	Arrangement of Holes for Body Bolts	¾" to 1' half plans of frames for restaurant cars 1st and 3rd M76 showing position of holes	28.2.14	1914	L76 M76	31C 431C	P	236	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19173	Four Wheels Coupled Express Engines D56 Class-Holes for Detecting Wear of Slide Valves	Full size plan and section of slide valve and position of hole	- .2.14	1914	D56	D15	C-P	231	-
19179	Proposed Position for Thermo-Couple in Header T19 Class	6" to 1' arrangement of couple in relation to smokebox and full size details of components My note: drawing very dirty and nearly illegible	- .9.14	1914	-	-	C-P	231	-
19180	Four Wheels Coupled Bogie Express Engines Class D56-Alteration to Lubrication of Trailing Axlebox	6" to 1' arrangement of lubricator and full size details of fittings Endorsed: for alteration of lubricator pipes see Dg No 21942	17.3.14	1914	D56	D15	P	231	-
19220	Foundation Ring-Six Wheels Coupled Radial Tanks Engines Class L77	3" to 1' arrangement of foundation ring and full size details of riveting	23.3.14	1914	L77	N7	CI-C	231	-
19221	Six Wheels Coupled Radial Tank Engines Fitted with Superheater-Boiler	1½" and 6" to 1' elevations and sections and full size riveting details Endorsed: for boiler for engines K85 class see Dg No 21978; modified 14.1.32 My comment: top left hand corner missing but no loss of detail	- .4.14	1914	L77	N7	P	231	-
19222	Six Wheels Coupled Radial Tank Engines Class L77-Cast Iron Header for Schmidt Superheater	6" to 1' sectional elevations and plan Endorsed: work to red 18.8.14; see Dg No 19266 for header for Robinson's superheater	- .3.14	1914	L77	N7	P	231	-
19224	Six Wheels Coupled Radial Tank Engines Class L77-Boiler Stays	Full size elevations of 6 types of stay	- .4.14	1914	L77	N7	P	231	-
19225	Six Wheels Coupled Radial Tank Engines Class L77-	Full size section and elevation of cover	22.4.14	1914	L77	N7	P	231	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19225	Front Cylinder Cover	Endorsed: work to red 11.11.14	22.4.14	1914	L77	N7	P	231	-
19227	Six Wheels Coupled Radial Tank Engines Class L77- Steam Superheating Elements (Schmidt)	3" to 1' arrangement of elements and full size details of ends	25.5.14	1914	L77	N7	P	231	-
19228	Six Wheels Coupled Radial Tank Engines Class L77- Built Up Crank Axle	3" to 1' elevations of crank axle Endorsed: superseded by Dg No 24157 6.8.24	11.5.14	1914	L77	N7	P	231	-
19229	Six Wheels Coupled Radial Tank Engines Class L77- Valve Bushing for Piston Valves	Full size elevations of piston valves and development of ports	10.6.14	1914	L77	N7	P	231	-
19230	Six Wheels Coupled Radial Tank Engines Class L77- Piston Valve and Spindle	Full size arrangement of valves and spindle Endorsed: amended 14.7.21	30.7.14	1914	L77	N7	P	231	-
19231	Six Wheels Coupled Radial Tank Engines Class L77- Valve Chest Covers	Full size sectional and end elevations Endorsed: amended 14.10.14	23.6.14	1914	L77	N7	P	231	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19232 Ren	Engines Type N7 (Short Valve Travel) Arrangement of Motion (Walshaerts)	3" to 1' elevations and plan of motion	20.4.42	1942	-	N7	P	231	-
19233	Six Wheels Coupled Radial Tank Engines L77 Class-Details of Motion	Full size details of components Endorsed: undated alterations	- .7.14	1914	L77	N7	P	231	-
19234	Six Wheels Coupled Radial Tank Engines L77-Cast Steel Motion Plate	3" to 1' elevations and plan of plate Endorsed: undated alterations to dimensions	21.5.14	1914	L77	N7	P	231	-
19235	Six Wheels Coupled Radial Tank Engines Type N7-Crosshead	Full size arrangement of crosshead Endorsed: several amendments up to 1.57 My comment: renewal drawing	28.11.30	1930	-	N7	P	231	-
19236	Six Wheels Coupled Radial Tank Engines Class L77-Cylinders	3" to 1' arrangement of cylinders Endorsed: numerous alterations	19.5.14	1914	L77	N7	P	231	-
19238	Six Wheels Coupled Radial Tank Engines Class L77-Expansion Bracket	6" to 1' arrangement of bracket and full size details of fixing	18.7.14	1914	L77	N7	P	231	-
19240	Six Wheels Coupled Radial Tank Engines L77 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' side and end elevations of arrangement, full size details of pipe brackets Endorsed: top feed not required, for side feed on L77 class engines see Dg No 19272, 8.1.32	17.10.14	1914	L77	N7	P	231	-
19241	Six Wheels Coupled Radial Tank Engines Class L77, K85 Reservoir Footplate	3" to 1' sections and elevations of reservoir Endorsed: cast iron of cylinder metal quality; modified for K85 11.20	26.6.14	1914	L77	N7	P-C	196	-
19242	Six Wheels Coupled Radial Tank Engines Class L77-Slide Bar	3" to 1' arrangement and full size arrangement details of components	16.6.14	1914	L77	N7	P-C	202	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: amended 31.5.33							
19243	Six Wheels Coupled Radial Tank Engines Class L77-Connecting Rod	Full size arrangement with 3" to 1' layouts Endorsed: amended 20.7.21, 7.5.23 and 5.6.25; superseded by Dg No 29825-1	25.6.14	1914	L77	N7	P-C	202	-
19244	Six Wheels Coupled Radial Tank Engines Class L77-Coupling Rods and Crank Pins	6" to 1' details of rods Endorsed: altered 1.6.20, 3.3.21 and 20.12.30; superseded by Dg No 30979	9.7.14	1914	L77	N7	P-C	202	-
19245	Six Wheels Coupled Radial Tank Engines Class L77-Blastpipe	6" to 1' arrangement of blastpipe Endorsed: cancelled see Dg No 22811 21.12.20	- .8.14	1914	L77	N7	P-C	202	-
19246	Six Wheels Coupled Radial Tank Engines Class L77-Cast Steel Wheels	6" to 1'elevations and section of wheels 4'4" diameter without tyre	6.7.14	1914	L77	N7	P-C	202	-
19247	Six Wheels Coupled Radial Tank Engines Class L77-Framing	1½" to 1' arrangement of framing Endorsed: numerous alterations	- .9.14	1914	L77	N7	P-C	203	-
19248	Six Wheels Coupled Radial Tank Engines Class L77-Chimney	6" to 1' sectional elevations and plan of 1'10¼" chimney Endorsed: see Dg No 23287 for K85 21.12.20	27.7.14	1914	L77	N7	CI	201	-
19249	Six Wheels Coupled Radial Tank Engines Type N7-Alteration to Cab and Tanks for Engines to be Built at Gorton	1½" to 1' elevations of modified cab	- .12.24	1924	-	N7	P-C	203	-
19249	Six Wheels Coupled Radial Tank Engines Class K85-Alteration to Front Cab Plate	1½" to 1' elevations of cab plate	- .8.21	1921	K85	N7	P-C	203	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19250	Six Wheels Coupled Radial Tank Engines Class L77- Smokebox	3" to 1' sectional elevations of smokebox and cylinders Endorsed: see Dg No 21980 for K85 21.12.20	- .10.14	1914	L77	N7	P-C	203	-
19250 Att	Six Wheels Coupled Radial Tank Engines Class L77- Part Arrangement of Smokebox with Short Blastpipe and Petticoat	3" to 1' sectional side and end elevations of smokebox Endorsed: amended for K85 21.12.20	14.9.15	1915	L77	N7	P-C	204	-
19251	Six Wheels Coupled Radial Tank Engines Class L77- Ashpan Arrangement	3" to 1' elevations and plan of ashpan	26.10.14	1914	L77	N7	P-C	196	-
19252	Six Wheels Coupled Radial Tank Engines Class L77- Ashpan Details	Full size details of ashpan components	26.10.14	1914	L77	N7	P-C	204	-
19253	Six Wheels Coupled Radial Tank Engine Class L77- Leading Axlebox	Full size elevations and plan Endorsed: amended 17.11.14 and 27.8.23	- .8.14	1914	L77	N7	P-C	196	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19254	Six Wheels Coupled Radial Tank Engines Class L77- Tank Connection Pipes	Full size details of pipes and 3" to 1' view of complete set	5.8.15	1915	L77	N7	CI	206	-
19255	Six Wheels Coupled Radial Tank Engines L77- Eccentric Rod Strap	Full size elevations and plan	22.8.14	1914	L77	N7	P	213	-
19256	Six Wheels Coupled Radial Tank Engines Class L77- Cab Front Windows	3" to 1' elevations of window and 6" to 1' details of components	6.10.14	1914	L77	N7	P-C	198	-
19257	Six Wheels Coupled Radial Tank Engines Class L77- Arrangement and Details of Reversing Gear, Reversing Shaft and Brackets	1½" to 1' arrangement on part elevation and plan of engine and 3" to 1' details of components	18.9.14	1914	L77	N7	P-C	198	-
19258	Details of Large Westinghouse Pump-Top Cover, Intermediate Piece and Bottom Cover	Full size details of named components	5.11.14	1914	-	-	P-C	198	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19259	Six Wheels Coupled Radial Tank Engine Class L77- Trailing Axle	3" to 1' elevation of axle 5'8¼" long	12.5.14	1914	L77	N7	P-C	199	-
19260	Cylinders for Large Westinghouse Pump-Steam Cylinder 7½In Diameter, Air Cylinder 8In Diameter	Full size arrangement of cylinders	3.11.14	1914	-	-	P-C	206	-
19261	Westinghouse Brake-Details of Large Pump	Full size details of many components Endorsed: amended 10.3.15 and 12.4.15 My note: very dirty and indistinct	6.11.14	1914	-	-	P-C	196	-
19262	Frame and Boiler Stay-Six Wheels Coupled Radial Tank Engines Class L77	3" to 1' elevations of tube plate and full size details	28.9.14	1914	L77	N7	P-C	206	-
19264	Six Wheels Coupled Radial Tank Engines Class L77- Trailing Spring	Full size elevations and plan of 13 plate spring 2'11 5/8" centres unloaded	- .9.14	1914	L77	N7	P-C	190	-
19265	Six Wheels Coupled Radial Tank Engines Class L77- Cab Side Windows	3" to 1' arrangement of cab windows and full size details of components	- .10.14	1914	L77	N7	P-C	204	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19266	Six Wheels Coupled Radial Tank Engines Class L77- Cast Iron Header for Robinson's Superheater	6" to 1' elevations and plan of header	18.9.14	1914	L77	N7	P-C	204	-
19268	Sets Steam Superheating Elements for Robinson's Superheater	3" to 1' elevations of tube plates and full size details of tubes My note: stores ordering drawing	26.9.14	1914	-	-	P-C	204	-
19269	Six Wheels Coupled Radial Tank Engines Class L77- Steam Pipe Connection	Full size details of connection Endorsed: see Dg No 23351 for cast iron steam pipe connection for K85	- .10.14	1914	L77	N7	P-C	206	-
19271	Six Wheels Coupled Radial Tank Engines Class L77- Piston Valve and Spindle for Engines Fitted with Robinson's Superheater	Full size elevations and details Endorsed: for piston valves with narrow rings and spindle for engines class K85 see Dg No 22806	14.10.14	1914	L77	N7	P	268	-
19272	Six Wheels Coupled Radial Tank Engines Class L77- Arrangement of Rod, Pipe and Clothing, Injector Gear, Mechanical Lubrication, Steam Heating, Sanding and Condensing Gears	1½" to 1' elevations, sections and plan of engine No 1000 Endorsed: see Dg No 22843 for K85 class; for new position of steam heating gauge Dg No Att22843; for axlebox lubrication see Dg No 32451 5.35; mechanical lubricator heater pipe and cock not required 30.6.39	- .12.14	1914	L77	N7	P	267	-
19273	Six Wheels Coupled Radial Tank Engines Class L77- Tank Stays	Full size details of two types of stay	16.10.14	1914	L77	N7	P	268	-
19274	Six Wheels Coupled Radial Tank Engines Class L77- Details of Cylinder Cock Gear	Full size details of components	21.10.14	1914	L77	N7	P	267	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19275	Six Wheels Coupled Radial Tank Engines Class L77- Brake Arrangement	1" to 1' arrangement of power brake and rigging in relation to outline elevations and sectional plan of engine Endorsed: work to red 5.11.20; for brake arrangement K85 see Dg No 23147; for details of the same Dg No 23148 and 23149	22.10.14	1914	L77	N7	P	268	-
19276	Six Wheels Coupled Radial Tank Engines L77 Class- Details of Condensing Gear	6" to 1' details of numerous components	16.11.14	1914	L77	N7	P	267	-
19278	Six Wheels Coupled Radial Tank Engines Class L77- Brake Details	3" to 1' details of rods, brackets and handwheel Endorsed: altered 27.10.20; for brake details L85 see Dg No 23148 and 23149	17.11.14	1914	L77	N7	P	267	-
19279	Six Wheels Coupled Radial Tank Engines Class L77- Leading and Trailing Sanding Gear Details	Full size details of numerous components	10.11.14	1914	L77	N7	P	267	-
19280	Six Wheels Coupled Radial Tank Engines Class L77- Spark Deflector and Draught Retarder Details	6" to 1' details of components Endorsed: altered 16.9.15 for engines fitted with short blast pipe to Dg No 20249; altered 10.12.20 for variations for class K85	30.11.14	1914	L77	N7	P	267	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19281	Six Wheels Coupled Radial Tank Engines Class L77- Rod, Pipe, Clothing, Steam Heating and Mechanical Lubricating Detail	1½", 3" and 6" to 1' and full size details of numerous components Endorsed: altered 5.6.25	2.12.14	1914	L77	N7	P	267	-
19282	Six Wheels Coupled Radial Tank Engines Class L77- Spring Gear Details	6" to 1' and full size elevations of 7 components Endorsed: altered 5.35	17.11.14	1914	L77	N7	P	237	-
19282	Six Wheels Coupled Radial Tank Engines Class L77- Spring Gear Details	6" to 1' and full size elevations of 7 components Endorsed: modified 5.35	17.11.14	1914	L77	N7	P	268	-
19282 -1	Leading and Intermediate Spring Hangers L77 Class- Alteration to Limit Drop of Spring in the Event of Breakage of Centre Hanger	Full size elevation of spring hanger	8.10.31	1931	L77	N7	P	268	-
19283	Six Wheels Coupled Radial Tank Engines Class L77- Arrangement of Cylinder Clothing	3" to 1' elevations and plan of clothing for cylinders to Dg No 19236	20.11.14	1914	L77	N7	P	267	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19284	Six Wheels Coupled Radial Tank Engines Class L77- Steam Pipe Connection on Boiler	Full size elevations and section Endorsed: cancelled see Dg No 19287	23.11.14	1914	L77	N7	P	267	-
19285	Six Wheels Coupled Radial Tank Engines L77 Class- Footboard	1½" to 1' elevations and plan of footboard inside cab	10.12.14	1914	L77	N7	P	267	-
19286	Six Wheels Coupled Radial Tank Engines L77 Class- Cast Iron Footstep for Flap Plate	Full size elevations and plan	16.1.15	1915	L77	N7	P	268	-
19287	Six Wheels Coupled Radial Tank Engines L77 Class- Steam Pipe Elbow with Snifting Valve Connections	Full size elevations and plan of elbow	- .1.15	1915	L77	N7	P	267	-
		3" to 1' arrangement showing position of hangers and 6" to 1' details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19293	Arrangement of Vertical Hangers for Standard Bogie	Endorsed: one carriage (both bogies) to be fitted for trial, bogie arrangement to Dg No 16935	3.4.14	1914	-	-	P	236	-
19297	Dewrance's Asbestos Packed Steam Cock for Mechanical or Sight Feed Lubricator	Full size elevations and plan	20.4.14	1914	-	-	P	268	-
19314	Proposed Position of Thermo-Couple in Header S69 Class with Cast Iron Headers Schmidt Type	6" to 1' detail of position and full size details of components	- .4.14	1914	S69	B12	CP	268	-
19316	Diagram of Proposed Four Wheels Coupled Express Goods Engine	1½" to 1' outline side elevation of 4-4-0 engine with 5'8" driving wheels, inside cylinders 19" x 26" with piston valves below, overall length 30'7" My comment: the same characteristics as a Claud	- .4.14	1914	-	-	CP	268	-
19321	Bending Moment Diagram of Proposed 4-4-0 Express Passenger Engine Dg No 19175 Crossing 30Ft Span	¼" to 1' and ¼" to 1 ton and 1" to 100 ft tons diagram of 4-4-0 with 7' diameter driving wheels	- .4.14	1914	-	-	CP	268	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19322	Bending Moment Diagram of Proposed Four Coupled Bogie Goods Engine Crossing 30Ft 0Ins Span	¼" to 1', 1' = 100ft tons diagram for 4-4-0 engine with 5'8" wheels	- .4.14	1914	-	-	P	267	-
19324	Arrangement and Details of High and Low Pressure System for Steam Heating Carriages	1½" to 1' sections showing arrangement of equipment in carriages and 6" to 1' and full size details of components Endorsed: for valve of later type see Dg No 20761	8.5.14	1914	-	-	P	236	-
19327	Diagram Showing Wheelbase and Estimated Weights of Proposed Four Wheels Coupled Bogie Express Engine	½" to 1' wheel diagram, 7" diameter driving wheels, engine and tender 98tons 10cwt in working order	20.4.14	1914	-	-	CP	267	-
19332	Arrangement of Bolster Springs for Bogies of Restaurant Cars L76 & M76	3" to 1' arrangement of springs and details of components Endorsed: T, X & Y76 and future main line stock for bogie Dg No 16935; altered to blue 31.5.16	22.4.14	1914	L76 M76	31C 431C	P	236	-
19336	Diagram of Proposed Four Wheels Coupled Bogie Express Goods Engine with Outside Cylinders and Walshaert Valve Gear	1½" to 1' outline side elevation of 4-4-0 engine 5'8" dia driving wheels, overall length 32'1", 19" x 26" cylinders with piston valves My comment: the same characteristics as a Claud but with outside cylinders	- .4.14	1914	-	-	CP	268	-
19353	Arrangement and Details of Othergraven's Suspension Links Fitted to Standard Bogie	3" to 1' arrangement on bogie to Dg No 16935 and details of 9 components	13.5.14	1914	-	-	P	236	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19355	Westinghouse Brake-Arrangement of Large Pump, Steam Cylinder 7½" Diar., Air Cylinder 8" Diar.	Full size elevations and sections	- .5.14	1914	-	-	P	267	-
19356	Arrangement of Plate Glass Wagon D76 Class	1½" to 1' arrangement with half plan of underframe and sectional end elevation of 28' long truck with well	4.6.14	1914	D76	67W	PL-C	383	
19356	Arrangement of Plate Glass Wagon D76 Class	1½" to 1' general arrangement of 25' wagon My note: drawing faded	4.6.14	1914	D76	67W	PL-C	212	-
19356	Arrangement of Plate Glass Wagon D76 Class	1½" to 1' general arrangement of 28' wagon with well	11.6.14	1914	D76	67W	P	236	-
19357	Frame Details for Glass Wagon	1½" and 3" to 1' details of components of frame	20.5.14	1914	D76	67W	P	236	-
19358	Details of Ironwork for Plate Glass Wagon D76 Class	3" to 1' details of ironwork components	6.6.14	1914	D76	67W	P	236	-
19360	Intermediate Drawbars for Mixed Carriages	3" to 1' details of drawbars and dimensions for various carriages	19.5.14	1914	-	-	P	236	-
19362	Six Wheels Coupled Express Engines Class S69- Supports for Piston Valves	3" and 6" to 1' section and plan of pistons and details of components Endorsed: altered 1.9.21 and 9.11.31	- .5.14	1914	S69	B12	P	267	-
19362	Six Wheels Coupled Express Engines Class S69- Supports for Piston Valves	3" and 6" to 1' section and plan of pistons and details of components Endorsed: altered 1.9.21 and 9.11.31	- .5.14	1914	S69	B12	P	268	-
19365	Details of Steam Heater for Carriages	3" to 1' elevation and plan of heater and full size details of fittings including Still's sluice valve	28.6.14	1914	-	-	P	287	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19369	Four Wheels Coupled Express Engines Class D56-Arrangement of Robinson's Superheater and Draught Retarder	3" to 1' sectional side and end elevations of superheater	- .6.14	1914	D56	D15	P	268	-
19372	Arrangement and Details of Draw Gear for No 48 and 63 Saloons	1" to 1' arrangement of drawgear and 3" to 1' details of components	9.6.14	1914	-	20C 29C	P	287	-
19373	Mid Suffolk Light Railway Boiler No 2-Copper Tube Plate	3" to 1' end elevation of tube plate with 104 2" outside diameter tubes	- .6.14	1914	-	-	P	268	-
19381	Taylor's Rolled Steel 'Empire' Disc Wheel	Full size half section of 3'6 7/8" diameter wheel on tread and 1 1/2" to 1' elevation of axle Endorsed: copy of Taylor Bros. & Co Ltd Dg No 4242 dated 23.3.14; amended 6.2.19	9.6.14	1914	-	-	P	287	-
19382	Intermediate Draw Bars for 55Ft Restaurant Cars	3" to 1' elevations of drawbars for 3rds Nos 1796-1799 and 470-472, kitchen cars Nos 38-41	10.6.14	1914	-	412C 414C	P	287	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
						18C			
19385	Arrangement and Details of Sheet Tilt for 17Ft High Sided Wagon	1" to 1' outline elevations of 7 plank high side wagon body with sheet tilt and 3" to 1' details of components	12.6.14	1914	177	65W	P	287	-
19388	Steam Cock for Retarder-'Robinson' Superheater Engs. D56 Class-B78	Full size elevations and details Endorsed: work to attachment for D56 class repaired with single wrapper smokeboxes 25.10.17; amended dimensions for D78 class	- .6.14	1914	D56	D15	P	268	-
19388 Att	Steam Cock for Retarder-'Robinson' Superheater-Six Wheels Coupled Radial Tank Engine L77	Full size elevations and plan of cock Endorsed: added to title 31.5.15-'and Express Engines T19 Class'; amended 25.10.17 for D56 with single wrapper smokeboxes; amended dimensions for classes T77, D81 undated	18.11.14	1914	L77	N7	P	268	-
19392	Bending Moment Diagram of Proposed 4-4-0 Express Engine on 58ft, 50ft, 35ft and 20ft Spans	1/4" to 1' and 1" to 100 ft tons diagram Endorsed: see also Dg Nos 19412 and 19408	- .6.14	1914	-	-	CP	267	-
19396	Four Wheels Coupled Shunting Tank Engines Class B77-Front Cab Windows	3" to 1' arrangement of windows and full size details of components Endorsed: steel communication chain to be used in place of brass chain	29.6.14	1914	B77	Y4	P	268	-
19404	Arrangement and Details of Meat Van 177 Class	1 1/2", 3" to 1' general arrangement of 19'0" covered van and 6" to 1' details of ironwork for body Endorsed: for further particulars see arrangement of covered goods wagon Dg No 16874-1; to be fitted with Westinghouse through pipe and screw couplings	26.10.14	1914	177	65W	P	287	-
19409	Othergraven's Patent Bogie Suspension Link	Full size elevation and plan of link for carriage bogie bolsters	3.7.14	1914	-	-	P	287	-
19415	Arrangement and Details of Draw Gear for No 16, 17 & 24 Restaurant Cars	1" to 1' elevations and half plan of underframe showing draw gear and 3" to 1' details of components	2.10.14	1914	-	13C	P	287	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 24.9.18				27C			
19420	Proposed 4-4-2 Engine-Bending Moment Diagram 50Ft Span with Heaviest Axle Load in Centre of Span	¼ " to 1' bridge stress diagram	11.7.14	1914	-	-	CP	442	3
19429	Six Wheeled 20 Ton Machine Truck-Oil Axlebox A2	Full size elevations, sections and plan of box Endorsed: this box for use on centre wheels only (based on existing A1 box pattern)	- .7.14	1914	-	-	P	287	-
19447	Posts & Cot Brackets for Naval Ambulance Train	3" to 1' arrangement of brackets on standing pillar and 6" to 1' details of bracket	19.8.14	1914	-	-	P	287	-
19524	Cradles and Slings for Water Tank in Ward Car of Ambulance Train	1½" to 1' details of cradle and 3" to 1' details of slings	8.8.14	1914	-	-	P	287	-
19535	Kitchen Car for Ambulance Train for France	3/8" to 1' interior plan of 50' carriage of kitchen and mess room car converted from bogie brake van	5.2.15	1915	-	-	P	287	-
19536	Kitchen Car for Ambulance Train for France	3/8" to 1' interior plan of 50' carriage of kitchen and stores car converted from bogie brake van	20.1.15						
19539	Bogie Six Coupled Express Engines S69 Class- Tightening Bolt for Front Cylinder Cover	6" to 1' and full size details of cover and bolt Endorsed: altered 16.11.16 & 4.35	18.8.14	1914	S69	B12	P	442	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19540	Arrangement of 13Ft 0Ins Single Bolster Wagon for Rail Train R77	1½" to 1' general arrangement of 13' bolster wagon	20.8.14	1914	R77	70W	P	287	-
19541	Platwork Details of Single Bolster Wagon for Rail Train R77	3" to 1' details of platwork for body and underframe	1.10.14	1914	R77	70W	P	287	-
19542	Ironwork Details of Single Bolster Wagon for Rail Train R77	3" to 1' details of components	7.10.14	1914	R77	70W	P	287	-
19545	Diagram of Proposed Six Wheels Coupled Express Goods Engine	1" to 1' outline side elevation of engine with 20" x 28" cylinders, boiler 13'6" barrel, firebox 9', total length of frame 36', wheelbase 28' 6", 3'3" bogie wheels and 5'8" driving wheels, pressure 180lb	- .8.14	1914	-	-	CP	441	3
19550	4-4-0 Express Engines T19 Class-25In Stroke Without Tail Rods-Front Cylinder Cover for Engines fitted with Superheater	Full size sectional elevations and plan	- .8.14	1914	T19	D13	CP	441	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: for existing superheater see Dg No 17227							
19554	Arrangement of 20 Ton Loco Coal Wagon Class H77	1½" to 1' arrangement of 21'6" steel bodied open wagon 12' wheelbase Endorsed: drawgear modified 30.4.35	28.10.14	1914	H77	46W	P	399	4
19555	20 Ton Coal Wagon-Body Details Class H77	1½" and 3" to 1' details of numerous components	-	1914	H77	46W	P	399	
19556	20 Ton Loco Coal Wagon-Underframe Details Class H77	1½" and 3" to 1' details of numerous components Endorsed: altered 12.12.16	12.1.15	1915	H77	46W	P	399	
19564	Four Wheeled Suburban Carriages Converted into Bogie Suburban Carriages-Arrangement of Body Bolts	3" to 1' half plans of 4 underframes showing position of holes and 6" to 1' diagram of 8 coach train	10.12.14	1914	-	-	P	399	
19570	Tenders-Arrangement of the Special Steel 'Iracier' Axle Box for GER 11" x 5 ½" Journal	Full size elevations, sections and plan of axlebox for 11" x 4 ¾" journals The Patent Axlebox & Foundry Co Dg Endorsed: approved drawing	31.7.14	1914	-	-	P-C	442	3
19571	Tenders-Details of Special Steel 'Iracier' Axlebox for GER 11" x 5 ½" Journal	Full size elevations, sections and plan of axlebox Patent Axle Box & Foundry Co Dg No 31	31.7.14	1914	-	-	P	440	3
19572	Front Wheel No 157 for General Service Wagon Mark X-Steel Nave 8.87 Inch Pipe	Full size part elevation and half plan of 3'9" diameter wheel with 12 spokes Endorsed: superseded by Dg No 19643	11.9.14	1914	-	-	P	399	
19573	Hind Wheel No 200 for General Service Wagon Mark X-Steel Nave 11 Inch Pipe	Full size part elevation and half plan of 4'8" diameter wheel with 12 spokes Endorsed: altered 24.9.15	10.9.14	1914	-	-	P	399	
19574	General Service Wagon for War Department Mark X-Arrangement of Body	1½" to 1' side and end elevations and plan of 10'6" long body with schedule of components and type of wood used	11.9.14	1914	-	-	P	399	
19575	General Service Wagon for War Department Mark X-Arrangement of Undercarriage	1½" to 1' side and end elevations and plan of undercarriages less wheels	- .9.14	1914	-	-	P	399	4
19577	Seat Spring for General Service Wagon Mark X	Full size elevations and plan of twin 3 plate spring 2'0¾" centres	12.9.14	1914	-	-	P	399	
19578	Grease Box for General Service Wagon Mark X	Full size elevations and plan of box capacity 3 lbs	14.9.14	1914	-	-	P	399	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19579	Details of Brakework for General Service Wagon Mark X-Sheet 1	Full size details of numerous components for road vehicle Endorsed: altered to suit water tank carts Mark V, undated	18.9.14	1914	-	-	P	399	
19580	Details of Brakework for General Service Wagons Mark X	Full size elevations and plans of components for road vehicle Endorsed: altered for water tank carts, undated	24.9.14	1914	-	-	P	399	
19580	General Service Wagon Mark X-Details of Brake-Work	Full size elevations of 3 components	21.9.15	1915	-	-	P	399	
19581	General Service Wagon for War Department Mark X-Details of Ironwork for Body-Sheet 1	Full size details of ironwork	16.9.14	1914	-	-	P	366	
19582	General Service Wagon for War Department Mark X-Details of Ironwork for Body-Sheet 2	Full size details of ironwork	23.9.14	1914	-	-	P	366	

Att

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19583	General Service Wagon for War Department Mark X- Ironwork Details for Under Carriage-Sheet 1	Full size details of numerous components	21.9.14	1914	-	-	P	366	
19584	General Service Wagon for War Department Mark X- Details of Ironwork Under Carriage-Sheet 2	Full size details of components Endorsed: altered 6.10.14	25.9.14	1914	-	-	P	366	
19585	General Service Wagon for War Department Mark X- Ironwork Details for Undercarriage-Sheet 3	Full size details of numerous components Endorsed: altered for water tank carts, undated	23.9.14	1914	-	-	P	366	
19586	General Service Wagon for War Department Mark X- Arrangement of Gear Brake	3" to 1' part side elevation and plan showing arrangement of brake	24.9.14	1914	-	-	P	366	
19587	General Service Wagon for War Department Mark X- Arrangement and Details of Pole and Swingletree	Full size arrangement and details of components Endorsed: altered for Mark V water tank carts	25.9.14	1914	-	-	P	366	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19588	General Service Wagon for War Department Mark X- Whip Socket, Straps and Leatherwork	Full size details of 10 components Endorsed: altered for further orders	29.9.14	1914	-	-	P	366	
19589	General Service Wagon for War Department Mark X- Details of Rifle Clips and Strap Buckles	Full size details of 5 component and 1½" to 1' details of position of rifle clips on body Endorsed: altered 19.11.14	29.9.14	1914	-	-	P	366	
19590	General Service Wagon for War Department Mark X- Arrangement and Details of Roller Scotch	1½" to 1' part side and end elevation of scotch on wagon and full size details of roller	8.9.14	1914	-	-	P	366	
19591	General Service Wagon for War Department Mark X- Axles, Washer Drags, Linch Pins and Spanner	Full size details of components	2.10.14	1914	-	-	P	366	
19594	Front and Back Washer and Pipe Box for Hind Wheel- General Service Wagon Mark X War Department	Full size elevations and sections of three components	8.10.14	1914	-	-	P	366	
19599	Arrangement and Details of Ambulance Carriage and Stretcher	3" to 1' elevations of two wheeled hand propelled stretcher and 6" to 1' and full size details of components of ironwork and stretcher	- .9.14	1914	-	-	P	399	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19619	Bending Moment Diagram of Proposed Six Wheels Coupled Express Goods Engines on 58 Ft Span	1" to 8' and 1" to 160 Tons Feet bending moment diagram; 5' 6" dia driving wheels	10.9.14	1914	-	-	CP	441	3
19622	Auto Train for Mildenhall-Cambridge Service- Arrangement of Drivers Compartment and Position of Cocks on Headstocks	1½" and 1' to 1' interior elevations and plan of compartment and exterior and full size details of components Endorsed: for arrangement of gear in drivers compartment see Dg No 24307 and details for fixing whistle see Dg No 23688 13.4.23	5.9.14	1914	-	-	P	245	-
19625	Six Wheels Coupled Coal Engines Class G58-Tee Piece for Steam Pipe Connections	3" to 1' elevations and sections of two components	-. 9.14	1914	G58	J17	P	440	4
19628	Details of Radial Axle Box for Tank Engines Classes P55, L77 & G69	3" to 1' elevations and sections of numerous components Altered: 19.12.14	-. 10.14	1914	P55, L77 G69	F5, N7, J70	P	441	3
19638	L.B. & S.C. 30 Ton Wagon No 1167 on 6 Chain Curve	1½" to 1' plan of wheels on curve	10.10.14	1914	-	-	CP	245	-
19639	Lifting Beam, Shackles, etc. for Transporting Coaches	3" to 1' elevations and plan of equipment	9.10.14	1914	-	-	P	245	-
19643	General Service Wagon 3Ft 9In Diameter Front Wheel	Full size part elevation and section of 12 spoked wheel	12.10.14	1914	-	-	P	245	-
19645	Diagram of Ambulance Train for War Office for Use Abroad	1/8" to 1' outline side elevation and interior plans of 14 coach train Endorsed: Train No 12	-. 4.15	1915	-	-	P	245	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19721	Diagram showing GCR 2-8-0 Engine and Tender on a Span of 58Ft	1 to 8' and 1" to 160 Tons Feet bending moment diagram	-. -.14	1914	-	-	CP	441	3
19728	Bending Moment Diagram of Crank Axle 4-6-0 Express Engines-Crank Pin and Coupling Rod on Same Side of Centre Line also Opposite	3" to 1' and 1" to 100 Tons Inches bending moment diagram Endorsed: see Dg Nos 20206 and 20206A	-.10.14	1914	-	-	CP	441	3
19737	Carriage Bogie fitted with the 'Thomas' Suspension Gear	3" to 1' outline elevations and 6" to 1' details of components	12.9.14	1914	-	-	P	245	-
19739	Arrangement of Spark Deflector on Smokebox Door for all Engines fitted with 4 Ft 7 Ins Dia Doors	3" to 1' section and elevation of smokebox door and arrangement of deflector	-.11.14	1914	-	-	P	435	4
19740	Six Coupled Express Superheated Bogie Engines S69 Class-Bending and Twisting Moment Diagram for Crankshaft	Various scales	7.11.14	1914	-	-	CP	440	4
19741	W.C. Pan for Carriage Lavatories	6" to 1' elevations and plan	9.11.14	1914	-	-	P	245	-
19744	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Bracket Guide, Limber Hook-MB	Full size elevations and plan Endorsed: copy of RCD I 1890A.2 dated 14.7.09	2.4.09	1909	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19745	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Hook Limber No 29 Mark II	Full size elevations and plan	14.7.09	1909	-	-	P	245	-
	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Ring Guide with Set Screw	Endorsed: copy of RCD I 1890A.2 dated 14.7.09							
19746	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Case, Spring, Limber Hook-Steel 56.B.78 with Nut, Pole Nib Socket and Screw, Compressing Spring	Full size elevations							
		Endorsed: copy of RCD I 1890A.2 dated 14.7.09	- .12.14	1914	-	-	P		
19747		Full size elevation							
		Endorsed: copy of RCD I 1890A.2 dated 14.7.09	- .12.14	1914	-	-	P		
19748	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Socket, Pole Nib	Full size	- .12.14	1914	-	-	P		
19749	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Screw, Compressing	Full size	2.4.09	1909	-	-	P		
19750	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Nut								
	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Handle, Catch, Steel and Catch	Full size	- .12.14	1914	-	-	P		
19751	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Lever Catch Spindle								
	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Screw, Set, Guide Ring	Full size	17.2.14	1914	-	-	P	245	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19752	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Pin, Keep, Nut Spring Case, Limber Hook	Full size	- .12.14	1914	-	-	P		
19753		Full size	-12.14	1914	-	-	P		
19754		Full size	2.4.09	1909	-	-	P		
19755	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case, Spring Brass Hook	Full size details	2.4.09	1909	-	-	P		
19756	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case, Spring Draught Hook Cover Front	Full size details	2.4.09	1909	-	-	P		
19757	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case, Spring Draught Hook Plate Cover								
19757	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Hook Draught	Full size details	2.4.09	1909	-	-	P		
19758	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case Spring Draught Hook, Cover Rear								
19758	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Screw Compressing Spring	Full size details	2.4.09	1909	-	-	P		
19759	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case Spring Draught Hook Screw Securing Cap	Full size details	2.4.09	1909	-	-	P	245	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19760	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Iron, Guard	Full size details	-	1909	-	-	P		
19761	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Socket, Guard Iron	Full size details	2.4.09	1909	-	-	P		
19762		6" to 1' details	2.4.09	1909	-	-	P		
19763		Full size details	2.4.09	1909	-	-	P		
19764		Full size details	2.4.09	1909	-	-	P		
19765	Wagon Ammunition QF 4.5. In Howitzer Mark I-/L-Prop, Front	6" to 1'	- .12.14	1914	-	-	P		
19766	Wagon Ammunition QF 4.5. In Howitzer Mark I-Prop, Wood with Fittings	Full size	- .12.14	1914	-	-	P		
19767	Wagon Ammunition QF 4.5. In Howitzer Mark I-Clip Prop Rear	Full size	- .12.14	1914	-	-	P		
19768	Wagon Ammunition QF 4.5. In Howitzer Mark I-Lever	Full size	- .12.14	1914	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Wagon Ammunition QF 4.5. In Howitzer Mark I-Plunger								
19769	Wagon Ammunition QF 4.5. In Howitzer Mark I-Chain, Lid Steel with Ring	Full size	- .12.14	1914	-	-	P	245	-
	Wagon Ammunition QF 4.5. In Howitzer Mark I-Hinges, Lid								
19770	Wagon Ammunition QF 4.5. In Howitzer Mark I-Socket, Pole, Steel	Full size	- .12.14	1914	-	-	P		
	Wagon Ammunition QF 4.5. In Howitzer Mark I-Socket, Pole Detail, Plate Packing								
19771	Wagon Ammunition QF 4.5. In Howitzer Mark I-Socket, Pole Detail, Plate Packing	Full size	1.4.09	1909	-	-	P		
19772		Full size	1.4.09	1909	-	-	P		
19773		Full size	1.4.09	1909	-	-	P		
19774		Full size	- .12.14	1909	-	-	P		
19775	Wagon Ammunition QF 4.5 In Howitzer Mark I-Gear Brake Detail and Arm Brake Detail	Full size	2.4.09	1909	-	-	P		
	Wagon Ammunition QF 4.5 In Howitzer Mark I-Nut, Bracket Hinge, Brake Arm, Steel 56.B.78								
19776	Wagon Ammunition QF 4.5 In Howitzer Mark I-Nut Stud Supporting Brake Arm Steel 56.B.78	Full size	2.4.09	1909	-	-	P		
19777	Limber QF 18 PR Flange Axletree Inner Steel 56.B.1	Full size	2.4.09	1909	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19778	Limber and Wagon QF 4.5.In Howitzer Mark IL Bolt Axletree Flange Outer Steel 56.B.4 with Nut	Full size	2.4.09	1909	-	-	P	245	
19779	QF 4.5.In Howitzer Carriage, Limber Wagon, Wagon Ammunition Box Ammunition Detail	Full size	30.9.09	1909	-	-	P		
19780	Limber QF 18 PR Flange TurnscREW, Shell Plug	Full size	-12.14	1914	-	-	P		
19781	Wagon Ammunition QF 4.5 In Howitzer Mark I-Pin, Bracket, Steel	Full size	23.9.09	1909	-	-	P		
19783	Wagon Ammunition QF 4.5 In Howitzer Mark I-Bolt, Securing Sping, Steel	Full size	- .12.14	1914	-	-	P		
19784	Wagon Ammunition QF 4.5 In Howitzer Mark I-Pin, Axis, Hinge Brackets Steel	Full size	- .12.14	1914	-	-	P		
19785		Full size	- .12.14	1914	-	-	P		
19786	Loop, Kicking Strap-Field Limbers	Full size details	3.12.96	1896	-	-	P	245	
19787	Loop, Kicking Strap-Field Limber, Outer, No 2, Mark IL	Full size	18.6.09	1909	-	-	P		
19788	Spring, MB Spiral	Full size	27.11.14	1914	-	-	P		
19789	Screw, Hinge	Full size	27.11.14	1914	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					-				
19797	Reducing Valve for Steam heating Apparatus	Full size arrangement details of numerous components Endorsed: altered 18.4.21 & 8.3.34, possibly the 'Mason' type	- .2.15	1915	-	-	P	435	4
19799	Diagram of Driving Apparatus on Auto Train	Diagrammatic elevation of equipment on footplate and the composite and 3 rd class driving carriage	- . 11.14	1914	-	-	CP	440	3
19799	Auto Train-Diagram of 'Duplex' Driving Apparatus	Diagrammatic arrangement of apparatus	19.11.14	1914	-	-	P	435	4
19816	Cart, Water Tank, Mark III/L/also Marks IV & V- Apparatus Filtering	Full size detail of bracket for fixing pump left and right Supplementary Dg No SDO5512	-5.16	1915	-	-	P	344	
19821 Att	Arrangement and Details of Stuffing Box for Valve Spindle Showing Split White Metal Packing	Full size sectional elevation, elevation and plans of 5 components Endorsed: trial only ref L.I.88/2 11.9.50	28.7.15	1915	-	F4, F6 & J15	P	440	2
19821	Metallic Packing for Valve Spindles Classes I45, F45, P45, X45, P55	Elevations and plans of components	- .12.14	1914	I45 P55	J15 F4	P	445	4
19822	Six Wheels Coupled Bogie Express Engines Class D56 Fitted with Robinson's Superheater-Steel Cover Plate for Piston Valve	Full size elevation and plan of cover	- . 1.21	1921	D56	D15	P	440	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att									
19822	Bogie Six Wheels Coupled Bogie Express Engines B78, S69 Class-Piston Valves and Pistons Fitted with Robinson' Superheater	Full size elevations and plan of components Endorsed: altered 6.3.16, 27.5.22; altered for T77 class, slipper not required	6.1.15	1915	S69 B78	B12	P	440	3
19873	Six Coupled Goods Engines Y14 Class and four Coupled radial Tank Engines P55-Slide Valve Spindle and Buckle	Full size elevation and plan of piston Altered 2.2.15 and 14.7.21	14.1.14	1915	Y14 P55	J15 F5	P	440	3
19874	Six Wheels Coupled Bogie Express Engines S69 Class-Cast Iron Header for Robinson's Superheater	3" to 1' elevations and sections and headers and two fittings Altered 4.11.26 and 23.10.54	-. 1.15	1915	S69	B12	BP	440	3
19874	Six Wheels Coupled Bogie Express Engines S69 Class-Cast Iron Header for Robinson' Superheater	3" to 1' elevations and sections and headers and two fittings Endorsed: altered 17.3.15, 4.11.26, 4.12.31 & 14.9.33	-. 1.15	1915	S69	B12	BP	445	1

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19877	Bogie Four Coupled Belpaire Express Engine D56- Alteration to Suction and Steam Heat Pipes for engines Fitted with Weir Feed Pump and Heater	1/8" to 1' part side elevation and plan of splashers showing route of steam heating pipe	26. 2.15	1915	D56	D15	P	440	3
Att									
19877	Six Wheels Coupled Bogie Express Engines Class D56- Arrangement of the Weir Pump Feed Heater and Spray Valve	1 1/2" to 1' part outline elevation of engine, footplating and part end elevation showing arrangement of equipment Endorsed: altered 26.2.15, 4.1.23 & 21.1.23	- .1.15	1915	D56	D15	P	442	2
19880	Six Coupled Express Engines S69 Class-Arrangement of Pipes and Gear for Davies & Metcalfe's No 10 Exhaust Steam Injector	1 1/2" to 1' part outline elevation of engine and part plan of footplating showing the arrangement of pipework	- .1.15	1915	S69	B12	P	440	4
19881	Steel Wheel for 20 Tons Wagons	1" to 1' side elevation of disc wheel 3'1 1/2" on tread with 3 holes and full size section, cast type with no separate tyre	10.12.14	1914	-	-	P	345	
19891	Bending Moment Diagrams-Comparison between GER Expresses (T19 & D56), C32 Tanks and SE&CR 4 4-0 Class D, 1903	1/4" to 1' and 1" to 100 foot tons bridge stress and wheel base diagram	- .1.1.14	1914	T19	D13	CP	445	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Sheet 1					D56 C32	D15 F3			
19891	Engines Classes 1850, 700, 710 & 1040 Crossing 50 Feet Span-Bending Moments Compared to SE&CR Express Engine Class D	¼" to 1' and 1" to 100 foot tons bridge stress and wheel base diagram of the 5 engines named	- .12.14	1914	D56	D15	CP	445	3
Sheet 2					T19 C32	D13 F3			
19893	Arrangement of Holes for Body Bolts and Steam Heating Pipes on Composite Carriages Classes 5 of X76 and H78	¾" to 1' half elevation of frame on corridor side and side elevation of solebar showing position of holes	1.1.15	1915	X76	227C	P	345	
					H78	241C			
19901	Bending Moment Diagram of L&NW 2-4-2 Tank on 25Ft Span	¼" to 1', ¼" to 1 ton and 1" equals 100 foot tons bending moment and wheel base diagram	- .12.14	1914	-	-	CP	445	3
19903	Six Wheels Coupled Goods Engines Class E72-Arrangement of Pipes and Fixings for Weir Pump and Feed Water Heater	1 ½" to 1' arrangement of equipment shown in relation to outline of engine	- .1.15	1915	E72	J18	P	435	3
	Arrangement and Details of Monarch Brake Block	3" to 1' details of components and arrangement							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19904	Arrangement and Details of Monarch Brake Block Adjuster on 54Ft Bogie Suburban Carriages	Endorsed: altered at hand brake end of brake 3rds only	7.1.15	1915	-	-	P	345	
19906 Ren	Horn Block and Axle Box	6" to 1" elevations and plan and section of components Endorsed: altered 19.4.55	25.6.53	1953	-	B12/3	P	442	2
19909	Bending Moment Diagram of Six Wheels Coupled Radial Tank Engine Class L77-Standing on 30 Ft and 35 Ft Span	1/4" to 1' and 1" to 100 foot ton two bending moment and wheel base diagrams	- .1.15	1915	L77	N7	CP	445	3
19911	Underframe for Covered Goods Wagon G77 Class	1 1/2" to 1' side and elevation and plan of 19' underframe and axleguards	21.1.15	1915	G77	72W	P	345	
19913	Six Coupled Goods Engines E72 Class-Details of Pipes and Fastenings for Weir Feed Water Heater	6" to 1' elevations and plans of various components for classes E72 and D56 Endorsed: altered 26.2.15	27.1.15	1915	D56 E72	D15 J18	CP	445	4
19927	Ambulance Train for France-Galvanised Iron Cold Water Tank for Kitchen Car	3" to 1' arrangement of 75 gallon tank and full size details of flanges and bolts Endorsed: undated alterations	10.2.15	1915	-	-	P	345	
19933	Four Wheels Coupled Express Engines Class T19-Alterations to Lubrication of Trailing Axle Box	6" to 1' arrangement of lubrication and full size details of components Endorsed: for alteration of lubrication pipes see Dg No 21946; see Dg No 10461 Att	8.3.15	1915	T19	-	P	445	2
19938	Folding Wash Basin for Carriage Lavatories	Full size elevation, section and plan of basin in walnut cabinet	- .2.15	1915	-	-	CP	345	
19942	Galvanised Iron Water Tank for Kitchen of No 65 Restaurant Car	Details of fittings 1 1/2" to 1' arrangement of 46 1/2 gallon water tank with 3" to 1' and full size	11.2.15	1915	-	31C	P	345	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19955	Bogie Six Coupled express Engines S69 Class-Details of No 10 Exhaust Steam Pipe Injector-Details of Gear	3" and 6" to 1' and full size elevations and sections of numerous components Altered 17.11.32	8.3.15	1915	S69	B12	P	441	3
19956	Arrangement of Steam Heating Pipe Across Doorway of Carriage	1½" to 1' sections and plan of 1st class compartment and full size details of components	4.3.15	1915	-	-	P	345	
19961	Ironwork Details for Low Sided Wagons with End Doors	3" to 1' details for body additional to that shown on arrangement to Dg Nos 20021 and 10886 to provide two end doors for loading vehicles	15.2.15	1915	-	-	P	344	
19962	Alteration to Blower Pipe	3" to 1' outline elevation of smokebox tube plate and section showing blower	-. 2.15	1915	-	-	P	441	4
19965	District & Number Plate for Engines	Full size elevations of plate 7" x 4 1/4" deep, bottom corners rounded off, inscribed 'District', number range 1 to 5, showing position on tender and tank engines	18.2.15	1915	-	-	P	441	4
19966	Ambulance Train for France-Arrangement and Details of Cradle for Cold Water Tanks in Kitchen and Pharmacy Cars	1½" and 3" to 1' arrangement of tanks within carriage roof with diagram of kitchen car showing water pipe connections	24.2.15	1915	-	-	P	344	
19968	Ambulance Train for France-Galvanised Steel Cold Water Tank for Ward Cars	1" & 3" to 1' and full size arrangement of 75 gallon steel tank and details of flanges and joints Endorsed: undated alterations for ward cars for home service trains and capacity increased to 90 gallons	23.2.15	1915	-	-	P	344	
19983	Ambulance Train for France-Arrangement for Carrying Water Tanks in Ward Cars	1½" to 1' elevation and section showing position of water tank and 3" to 1' details of brackets for No 17 Train	1.3.15	1915	-	-	P	344	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: replaced by Dg No 20138							
19984	Bogie Six Coupled Express Engines S69 Class with Robinson's Superheater- Thermo-Couple (Pyromoter) Arrangement of Connections to Header and Smokebox	6" to 1' and full size sections and elevations of arrangement and details of components Endorsed; not carried out	8.3.15	1915	S69	B12	P	441	4
19985	Alteration to Injector Arrangement on 0-6-0 Tan Engines	1 1/2" to 1' part elevations and plan of engine showing layout of pipework Endorsed: altered 12.9.23	30.3.15	1915	S56	J67 J68 J69	P	435	4
19988	General Arrangement of 21'0" x 9'0" Open Carriage Truck D78 Class	1 1/2" to 1' arrangement of steel framed carriage truck with Westinghouse brake and through Vacuum pipe	19.4.15	1915	D78	50M	P	344	
19989	Ironwork Details for 21'0" x 9'0" Open Carriage Truck	3" to 1' details of body and underframe components	13.5.15	1915	D78	50M	P	344	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19991	Six Wheels Coupled Tank Engines Class R24, S56- Alteration to Lubrication of Trailing Axlebox	6" to 1' arrangement with full size details of existing and new boxes	- .3.15	1915	S56	J67 J68 J69	P	435	4
19993	Arrangement and Details of Single Bolster Wagon L78 Class	1½" to 1' elevations and plan of 12' underframe only and 3" to 1' details of brake levers Endorsed: for further particulars of wagon see Dg No 19161	12.4.15	1915	L78	66VV	P	344	3
19995	Injector Steam Cock for Engines with No 10 Exhaust Injector	Full size sectional elevation of injector valve	- .3.15	1915	S69	B12	P	435	4
20013	Buffer Guide for Wagons with Steel Underframes	Full size elevations of ribbed buffer type A1, round base with 4 bolts Endorsed: this buffer guide to be used when guides marked 'M' require renewal Endorsed: altered 6.3.16 to increase depth of web	25.3.15	1915	-	-	P	345	
20021	Arrangement of Low Sided Wagon with End Doors	1½" to 1' arrangement of 15' 3 plank dropside body showing construction of hinged end Endorsed: these wagons to be marked 'For Military Traffic'; for further details see Dg Nos 10886 & 8278, details 19961 & 21498; work to red for wagons with fixed sides to be adapted for military service	8.4.15	1915	-	68VV	P	345	
20028	Brakework for 15 Ft 10 Ton High Sided Wagon	3" to 1' details of components with full size outline of lever end My comment: this is a stores drawing showing fewer components than Dg No 20060	13.4.15	1915	-	-	P	344	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20032	Six Wheels Coupled Coal Engines Class G58 Fitted with Robinson Superheater-Smokebox Arrangement	3" to 1' sectional side and end elevation of smokebox and interior fittings	- .4.15	1915	G58	J17	BL	381	
20058	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Robinson Superheater-Smokebox	3" to 1' sectional elevations of smokebox with interior fittings Endorsed: altered 16.12.16 & 21.12.21	2.6.15	1915	T19	D13	P	381	
20060	Brakework for 15 Ft 10 Ton High Sided Wagon	3" to 1' details of 21 components with full size outline of clutch and lever ends operating two brake blocks Endorsed: this tracing for shop copies, etc. only; for Stores tracing see Dg No 20028	6.5.15	1915	-	-	P	344	
20063	Diagram of Proposed Arrangement of Guard Trucks for 35 Tons Accident Crane	1/2" to 1' outline side elevation of crane flanked by 4 wheel guard trucks based on suburban carriage steel underframes	24.4.15	1915	-	-	P	344	
20076	Guard Trucks for 35 Ton Accident Crane	1" to 1' general arrangement of trucks converted from spare 2nd class suburban carriage underframes. Endorsed: trucks marked 'A' and 'B'; underframes from 2nds Nos 530 and 558; for alteration to truck 'B' see Shop copies	19.5.15	1915	-	-	P	345	
20079	Part Platework Details for 21'0" x 9'0" Open Carriage Truck	3" to 1' details of headstocks and racking plates only	9.5.15	1915	-	50M	P	345	
20099	Ambulance Train for France-Arrangement of Body for Ward Cars	3/4" to 1' side elevation and plan of 54' body and interior plan	26.5.15	1915	-	-	P	345	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20100	Ambulance Train for France-Roof Stiffening Angles	3" to 1' elevations of two types of angles	19.5.15	1915	-	-	P	344	
20109	Water Tank on Guard Truck for 35 Tons Accident Crane	3" to 1' elevation and plan of rectangular tank 7'11" x 2'9" outside and 2'6¾" deep	19.5.15	1915	-	-	CP	272	-
20110	Details of Ironwork for Guard Trucks for 35 Tons Accident Crane	1½" and 3" to 1' details of components for Trolley Truck 'A' and Jib Truck 'B'	21.6.15	1915	-	-	P	271	-
20138	Ambulance Train for France-Arrangement for Carrying Cold Water Tanks in Ward Cars	1½" to 1' section of carriage showing position of tanks and 3" to 1' details of cradles and brackets	1.6.15	1915	-	-	P	272	-
20140	Auxiliary Bearing Spring for Tail Weight End of Jib Guard Truck for 35 Tons Accident Crane	3" to 1' part side elevation of spring in relation to steel frame	2.6.15	1915	-	-	P	272	-
20141	Ambulance Train for France-Galvanised Steel Cold Water Tank for Infectious Ward Car	3" to 1' arrangement of 45 gallon tank and full size details of pipe fittings	16.6.15	1915	-	-	P	271	-
20146	Ambulance Train for France-Details of Holding Down Bolts for Ward Cars	¾" to 1' half plan of 54' underframe class P79 with bolt holes marked Endorsed: altered to red 15.10.18; No 22 Train	7.6.15	1915	-	-	P	271	-
20149	Lifting Gear for Ambulance Vehicles-Details for Bogie Attachment	Full size details of fittings, 4 per vehicle Endorsed: altered 17.6.15; altered to steel castings see Dg No 20567 I.I.16	7.6.15	1915	-	-	P	272	-
20169	Superheater Engines Class G58, Class D56-United States Metallic Packing for Valve Spindles	Full size elevation and section of spindle My note: copied from United States Metallic Packing Co drawing	24.9.15	1915	G58 D56	J17 D15	CP	354	
20177	Ambulance Train for France-Arrangement for Carrying Cold Water Tanks in Infectious Ward Car	1½" to 1' elevations showing arrangement of 45 gallon tank within roof and 3" to 1' details of bearers and brackets	29.6.15	1915	-	-	P	272	-
		¾" to 1' exterior and side elevation and interior arrangement of 50' body							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20178	Ambulance Train for France-Arrangement of Body for Infectious Ward Car	My comment: probably a conversion from a brake 3rd; consists of 2 wards, mess room and guards compartment	2.7.15	1915	-	-	P	272	-
20194	Galvanised Steel Lavatory Water Tank for Brake Composite Carriage Class A79	3" to 1' arrangement of water tank and full size details of pipe fittings Endorsed: amended 22.6.16	14.7.15	1915	A79	234C	P	271	-
20207	Galvanised Steel Cold Water Tanks for Carriages	3" to 1' arrangement and details of 37 gallon tank and full size details of pipework for composite class A79	20.7.15	1915	A79	234C	P	272	-
20219	Arrangement of Lavatory Water Tank and Details of Cradle for Brake Composite Carriage Class A79	1½" to 1' arrangement of 42 gallon tank within roof and 3" to 1' brackets and bearers	28.7.15	1915	A79	234C	P	272	-
20221	Arrangement and Details for Fixing Galvanised Steel Water Tanks in Lavatory Carriages	3" to 1' details showing position of tank in roof space and details of cradles and supports	9.8.15	1915	-	-	P	272	-
20222	Electro Mechanical Train Control-Arrangement and Details of Ramp	1" to 1' layout of ramp between rails and 6" to 1' details of components Endorsed: for details see Dg No 22299 16.5.19	20.8.15	1915	-	-	P	381	-
20232	Conversion of 6 Wheeled to 4 Wheeled Bogies	1½" to 1' elevation and plan of 6 wheel bogie with details of alterations required to remove centre pair of wheels Endorsed: not carried out 2.4.16 My comment: refers to 1900 bogie suburban set	18.8.15	1915	-	-	P	271	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20235	General Service Wagon Mark X-Front and Back Flanges for Front Wheel	Full size elevations and sections of front and back flanges	22.9.15	1915	-	-	P	272	-
20270	Notice Plate re Air Cock for Water Scoop	Full size elevations of 8 3/8" x 4" cast plate 'Before using water scoop enginemen must satisfy themselves that the air cock under footboard is open'	26.8.15	1915	-	-	P	381	
20313	General Service Wagon X-Front Wheel	Full size part elevation and section of 3'9" dia 12 spoke wheel My comment: part of an inch expressed in decimal, not imperial	5.9.15	1915	-	-	P	271	-
20381	Details of Hand Brake for Bogie Wagon with 9.2 Inch Gun Mounted	3" to 1' details of components Endorsed: for arrangement of brake see Dg No 20336	24.9.15	1915	-	-	P	272	-
20411	Ambulance Train for Home Service-Roof Stiffening Angles	3" to 1' details of 2 types of angles for ward and pharmacy cars	7.10.15	1915	-	-	P	272	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20451	Ambulance Train for Home Service-Arrangement and Details for Carrying Water Tanks over Bathroom of Staff Car	1½" to 1' elevations of tank within roof space and 3" to 1' details of bearers and brackets	20.10.15	1915	-	-	P	272	-
20452	Ambulance Train for Home Service-Arrangement for Carrying Cold Water Tanks in Ward Cars	1½" to 1' sections showing position of 90 gallon tank in roof and 3" to 1' details of bearers and brackets	13.10.15	1915	-	-	P	272	-
20458	Conversion of No 77 Third Class Carriage to Personnel Car for France- Alteration to Suit Steel Wheels (9" x 4" Journals)	1½" to 1' outline side elevation showing centre and outside wheel and arrangement of spring buckles to suit XC and X axleboxes	18.10.15	1915	-	406C	P	271	-
20461	Ambulance Train for Home Service-Details of Ramp and Interior Fittings	1½", 3" and 6" to 1' and full size details of various interior fittings including a removable timber ramp from platform to carriage floor	19.10.15	1915	-	-	P	271	-
20472	Steam Heating for Carriages-Arrangement and Detail for Fixing High Pressure Valve	1½" to 1' elevations of heaters beneath seats and pipework and 3" to 1' details of fittings	15.12.15	1915	-	-	P	271	-
	Basic Suburban Carriages- Suspension Bolt Wrought	Full size detail of suspension bolt							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20474	Bogie Suburban Carriages-Suspension Bolt wrought Iron	Endorsed: a paper tracing of this sent to Mr Glaze 29.10.15	- .2.16	1916	-	-	Cp	271	-
20481	Ambulance Train for Home Service-Arrangement and Details for Fixing Water Tank in Lavatory of Dining Car	3" to 1' sections of clerestory part of roof showing position of tank and details of fittings	5.11.15	1915	-	-	P	271	-
20482	No 22 Ambulance Train for Service-Arrangement of Dual Brake for No 24 Restaurant Car	1½" to 1' elevations and plan of part of underframe showing brake cylinders and rigging to 6 wheel bogie	23.11.15	1915	-	27C	P	271	-
20483	Ambulance Train of Home Service-Details of Dual Brake for No 24 Restaurant Car	3" to 1' details of components Endorsed: No 22 Train; for further details see references on Dg No 20482	8.11.15	1915	-	27C	P	271	-
20484	Electro Mechanical Train Control-Experimental Ramp	1½" to 1' elevation and plan showing position of ramp between rails Endorsed: drawing date altered to 6.18	- .11.15	1915	-	-	CI	381	-
20485	Ambulance Train for Home Service-Arrangement of Dual Brake	1½" to 1' part side elevation and plan of underframe showing twin 18" dia Vacuum cylinders and brake rigging Endorsed: for further details see Dg No 14835 and brakework Dg No 20486	8.11.15	1915	-	-	P	271	-
20486	Ambulance Train for Home Service-Details of Dual Brake	6" to 1' details of components Endorsed: 48'3" and 50' steel framed bogie vehicles	16.11.15	1915	-	-	P	271	-
		3" to 1' arrangement and details of ramp and ironwork details							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20532	Fire Engine Truck for Cambridge-Ramp and Ironwork Details D&P4657	Endorsed: see Dg No 22439 for items numbered on this drawing 17-27 inclusive for truck T82 30.1.20; altered to red for future trucks 4.3.16	21.12.15	1915	-	-	P	327	
20534	No 28 Ambulance Train for France-Kitchen & Mess Room Car	3/8" to 1' interior plan of 50' body	22.11.15	1915	-	-	P	328	
20535	No 28 Ambulance Train for France-Kitchen & Stores Car	3/8" to 1' interior plan of 50' body	22.11.15	1915	-	-	P		
20536	No 28 Ambulance Train for France-Pharmacy Car	3/8" to 1' interior arrangement of 50' body	27.11.15	1915	-	-	P	327	
20537	No 28 Ambulance Train for France-Staff Car	3/8" to 1' interior arrangement of 54' body	25.11.15	1915	-	-	P		
20539	No 28 Ambulance Train for France-Personnel Car	3/8" to 1' interior arrangement of 50' body	26.2.15	1915	-	-	P	327	
20540	No 28 Ambulance Train for France-Brake and Stores Car	3/8" to 1' interior arrangement of 50' body with corridor connection at opposite end to guard	27.11.15	1915	-	-	P		
20552	No 28 Ambulance Train for France-Ward Cars	3/8" to 1' interior plan of 54' body	30.11.15	1915	-	-	P	328	
20553	No 28 Ambulance Train for France-Brake & Infectious Ward Car	3/8" to 1' interior plan of 50' body	30.11.15	1915	-	-	P		
20554	No 28 Ambulance Train for France-Car for Sitting Up Cases	3/8" to 1' interior plan of 50' body	2.12.15	1915	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20558	Alteration to Bearing and Keep of Carriage Axlebox 'P'	Full size elevations, sections and plan of axlebox	8.12.15	1915	-	-	P	328	
20563	No 28 Ambulance Train for France-Galvanised Steel Cold Water Tank 60 Gallons Capacity	3" to 1' arrangement of tank with full size details of fittings	15.12.15	1915	-	-	P	327	
20564	No 28 Ambulance Train for France-Arrangement and Details for Supporting Water Tanks in Staff, Sitting Up Cases and Personnel Cars	1 1/2" to 1' arrangement of tanks and 3" to 1' details of components	28.2.16	1916	-	-	P	327	
20570	No 28 Ambulance Train for France-Arrangement of Bottom Stepboardson All Cars	1/2" to 1' outline side elevations of underframes for 8 vehicle types showing position of stepboards classes A, S, T, X & Y79, A, B & C80	28.11.15	1915	-	-	P	327	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20573	Sketch Showing Position of Fixing Holes in Crittall Runners Sketch of Crittall Runners Showing Position of Hangers	Full size details of fittings for sliding doors in corridors of main line carriages	24.11.15	1915	-	-	P	327	
20595	Six Wheeled Personnel Car for France-Arrangement and Detail of Gear for Transportation	3" to 1' arrangement of wire rope lifting gear and spreader	4.1.16	1916	-	406C	P	327	
20596	No 28 Ambulance Train for France-Arrangement of 50Ft Steel Underframe with Rubber Buffers	1 1/2" to 1' sectional side elevation and part plan of underframe showing arrangement of buffing and drawgear	4.1.16	1916	-	-	P	327	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20597	No 28 Ambulance Train for France-Ironwork Details for 50Ft Steel Under-frame with Rubber Buffers	3" to 1' details of buffers, drawhook and other fittings	25.1.16	1916	-	-	P	327	
20598	No 28 Ambulance Train for France-Platwork Details for 50Ft Steel Underframe with Rubber Buffers	3" to 1' details of components	21.1.16	1916	-	-	P	327	
20606	Body Arrangement of Motor Delivery Van for Use of Mechanical Engineer's Department LM7572	1½" to 1' elevations and half plan of 8'8¼" body on outline of chassis Endorsed: holding down bolts modified 24.2.16	21.1.16	1916	LM 7572	-	P	328	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20606	Body Arrangement of Motor Delivery Van for Use of Chief Mechanical Engineer's Department LM7572	1½" to 1' elevations and sectional plan of body 8'8¼" overall on outline of cab and chassis to carry 30 cwt	21.1.16	1916	LM 7572	-	PL-C	383	
20606	Body Arrangement of Motor Delivery Van for Use of Chief Mechanical Engineer's Department LM7572	1½" to 1' general arrangement of body 8'8¼" overall shown on outline of chassis	21.1.16	1916	LM 7572	-	PL-C	212	-
20607	Motor Delivery Van for Chief Mechanical Engineer's Department-Ironwork Details LM7572	3" to 1' details of ironwork	25.1.16	1916	LM 7572	-	P	328	
20663	No 28 Ambulance Train for France-Arrangement of Holding Down Bolts	¾" to 1' half plans of 5 underframes for classes S, T & Y89, B80 (50') & C80 (54')	31.1.16	1916	-	-	P	328	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20665	Motor Delivery Van for Use of Chief Mechanical Engineer's Department LM7572-Rear Axle (To Made from Motor Bus Rear Axle)	Full size sectional elevation of axle	3.2.16	1916	LM 7572	-	P	328	
20681	No 28 Ambulance Train for France-Galvanised Steel Cold Water Tank 28 Gallons Capacity	3" to 1' arrangement of tank with full size details of outlet flange	3.2.16	1916	-	-	P	328	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20693	Elevations of 54Ft Suburban Composite Carriage with Proposed Enamelled Steel Panels	¾" to 1' side and end elevations of 54' body of 1st/2nd composite on outline underframe with combined waist and lower panels and 3 end panels	10.2.16	1916	-	-	P	328	
20694	Enfield Bogie Suburban Train-Alteration from Equalising Beams to Laminated Bearing Springs	1½" to 1' side elevation and half plan of bogie and 3" to 1' details replacement components	27.3.16	1916	-	-	P	328	
20697	Elevations of 54Ft Suburban Composite Carriage	¾" to 1' undimensioned side and end elevation of 54' body on outline of underframe	11.2.16	1916	-	-	P	328	
20700	Six Wheels Coupled Goods Engine Class Y14 Fitted with Steam Brake-Details of Electro-Mechanical Train Control	1½", 3" & 6" to 1' and full size details of numerous components	- .2.16	1916	Y14	J15	CP	325	3
		Full size elevations of guides							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20701	Ribbed Buffer Guides for Travelling Gas Reservoirs	My comment: E replaced types C & F, altered to GI 14.8.20, type B replaced by FI	19.2.16	1916	-	63VV	P	238	-
20706	No 28 Ambulance Train-Lifting Gear for Transporting Coaches	1" to 1' arrangement of gear attached to carriage and 3" to 1' details of components	9.5.16	1916	-	-	P	238	-
20710	Side Panels for Bogie Suburban Train with Enamelled Panels	3" to 1' details of panels and their holes Endorsed: train to Fairlop formation	9.3.16	1916	-	-	P	238	-
20711	End Panels for Bogie Suburban Train	3" to 1' details of panels and their holes Endorsed: train to Fairlop formation	11.3.16	1916	-	-	P	238	-
20715	Branch Pipe to Valve Inlet for Passenger Communication with Vacuum Brake	Full size arrangement Endorsed: this drawing complies with RCH Min 1416	3.3.16	1916	-	-	P	238	-
20728	Alteration to Front Slide Bar Bolts Class S69 Engines	Full size elevations and plan of alterations Endorsed: altered 23.12.21 and 28.1.22	- .3.16	1916	S69	B12	CP	325	-
20741	Motor Delivery Van for Chief Mechanical Engineers Department LM7572-Radius Rod	6" to 1' arrangement of rod	22.3.16	1916	LM 7572	-	CP	238	-
20743	Bogie Suburban Train with Enamelled Panels- Arrangement of Body Framing	1 1/2" to 1' arrangements of panelling shown on part side and end elevations on plain and brake ends	6.4.16	1916	-	-	P	238	-
20744	Brake Block for 10 Ton Goods Brakes and Permanent Way Brake Vans	6" to 1' arrangement of type 13 block with lugs Endorsed: lugs not required work to red 24.8.27	24.3.16	1916	-	-	P	238	-
20747	Proposed WHB Reservoirs for Engines (Adapted from Spare Gas Reservoirs for Carriages)	6" to 1' sectional elevations of 1'4" diameter cylinder with new fittings	27.3.16	1916	-	-	P	325	-
20760	Untitled	Full size sections and elevations of Detroit lubricator Detroit Lubricator Co Dg No 20A dated 26.11.09	-	1916	-	-	BP	325	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: formerly a Bench hole drawing of the same number							
20761	High and Low Pressure System of Steam Heating for Carriages-Arrangement of High Pressure Valve	Full size arrangement Endorsed: this valve is a modification of original valve shown on Dg No 19324	10.4.16	1916	-	-	P	238	-
20762	Spiral Spring for Balancing Doors	Full size details of 1' 2½" long spring	7.4.16	1916	-	-	P	238	-
20768	Arrangement of Brake Van for Royal Train	¾" to 1' general arrangement of 54' body, includes 3rd compartments My comment: this drawing does not show the subsequent deletion of 3rd class compartments	3.7.16	1916	H79	546C	P	238	-
20771	Six Wheels Coupled Goods Engines Class G58-Boiler	1½" to 1' elevations, sections and plans with full size riveting details Endorsed: altered 19.4.18, 4.2.21 & 13.8.24	30.10.16	1916	G58	J17	P	325	
20771	Six Wheels Coupled Goods Engines Class G58-Boiler	1½" to 1' elevations, sections and plans with full size details of riveting, incorporating alterations noted above	30.10.16	1916	G58	J17	P	325	
20776	Spare Bogie P47 Class-Altered for Use Under Converted Suburban Carriages	1½" to 1' arrangement of bogie and 3" to 1' details	30.5.16	1916	P47	-	P	238	-
20777	Spare Bogies to Dg Nos 13665 and 11507 Altered for Use Under Converted Suburban Carriages	1½" to 1' arrangement of bogies and 3" to 1' details of components Endorsed: for 2 bogies to this elevation were previously fitted with Timmis bogie suspension gear; 5 bogies to this elevation, 4 built to Dg No 13665 and 1 to Dg No 11507	29.5.16	1916	-	-	P	238	-
20811	Details of Dual Brake for Cattle Wagons (Steel Frame)	3" to 1' details of 16 components	25.5.16	1916	-	-	P	238	-
		1½" to 1' arrangement of brake on steel underframe							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20812	Arrangement of Dual Brake for Cattle Wagons	Endorsed: for further dimensions see Dg No 14796; 20 cattle wagons fitted with vacuum brake to be altered to this	- .6.16	1916	-	-	P	238	-
20817	Proposed Arrangement of Dual Brake for Cattle Wagons	1½" to 1' arrangement of steel underframe Endorsed: not carried out see Dg No 20812	2.5.16	1916	-	-	-CP	238	-
20896	Alterations of Buffing and Drawgear for Wool Wagon	1" to 1' outline half elevation and plan of wagon showing replacement brake gear and 3" to 1' details of components Endorsed: additional brake to be fitted on opposite side of wagon to the existing brake 21.7.16	6.6.16	1916	-	11W	P	238	-
20900	Six Wheels Coupled Goods Engines E72 Class- Alteration to Sand Boxes to Suit New Pattern Sand Trap for Lambert's Water Sanding	3" to 1' sections and plans of sandbox Endorsed: for leading sandbox alteration for T77 see Attachment 20900 27.6.16; altered 18.7.16	10.6.16	1916	E72	J18	P	325	
20901	Standard 50Ft Carriage Underframe Arranged as Temporary Truck	1½" to 1' half elevations and plan of 49' 5" underframe Endorsed: superseded by Dg No 20901-I 1.8.16	10.6.16	1916	-	-	P	238	-
20901 -I	Standard 50Ft Carriage Underframe Arranged as Temporary Truck	1½" to 1' half elevations and plan of 49' 5" underframe Endorsed: to be written on right hand corner 'Distributed Load 8 Tons Concentrated Load 3 Tons' 16.1.17	- .9.16	1916	-	47M	P	238	-
		1½" to 1' arrangement of bogie with brake gear and 3" to 1' details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20903	Standard 50Ft Carriage Underframe Arranged as Temporary Truck-Arrangement and Details of Hand Brake	Endorsed: for arrangement of truck see Dg No 20901; hand lever to be in accordance with item 9 Dg No 27366 as altered 27.6.29; theatrical scenery truck dia 47M and signal post truck dia 76W to have hand levers, brake racks and brake brake rack stays in accordance with Dg No 27366 as altered 27.6.29	1.7.16	1916	-	47M	P	238	-
20934	Trestle for Lifting Carriages	3" to 1' arrangement of timber trestle 4'6" high	6.7.16	1916	-	-	P	238	-
20937	Six Wheels Coupled Goods Engines Class T77- Arrangement of Vacuum Brake Pipes	1½" to 1' arrangement shown on outline elevations and plan of engine and 6" to 1' details of elbows	- .7.16	1916	T77	J19	P	326	3
20957	Load Plate for Passenger Brake Vans and Brake Thirds	Full size details of 4 plates for 2, 3½, 4 and 7 tons and their position on bottom right of bodies and stock types applicable	20.7.16	1916	-	-	P	238	-
20962	Six Wheels Coupled Coal Engines Class T77 Fitted with Robinson Super-Heater-Smokebox	3" to 1' sectional side end end elevations of smokebox	- .7.16	1916	T77	J19	P	326	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20963	Six Wheels Coupled Goods Engines Class T77- Arrangement and Details of Spark Arrestor and Blast Pipe Gear	3" to 1' arrangement and 6" to 1' details of components	- .7.16	1916	T77	J19	P	326	
21025	General Arrangement of Cattle Wagon Class 179	1½" to 1' general arrangement of 18'7" wood framed wagon fitted with Westinghouse and Vacuum pipes Endorsed: brake pipes are not to be fitted to wagons unless specified	13.11.16	1916	179	71W	P	262	-
21026	Iron Work Details for Cattle Wagon Underframe Class 179	3" to 1' details of components	7.9.16	1916	179	71W	P	262	-
21036	Proposed Offices, Mess Rooms, etc for Operating Department and CME'S Department, Whitemoor	1/8" to 1' scale elevations of two storey building and interior plans Endorsed: SDO Dg No 5586	- .8.16	1916	-	-	P	325	
21095	Four Wheels Coupled Tank Engines Class G69- Arrangement of Electro-Mechanical Train Control	1½" to 1' arrangement shown on part elevations and plan of engine and 3" to 1' details of fittings	10.10.16	1916	G69	F6	P	326	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21119	Six Wheels Coupled Goods Engines T77 Class- Alteration to Steam Brake Handle on Vacuum Ejector	Full size details of handle	29.8.16	1916	T77	J19	P	326	
21134	*1½" to 1' general arrangement of 19'0" wagon with dumb buffers	4" and 6" to 1' and full size arrangement of truck and details of components	- .9.16	1916	-	-	P	248	-
21135	Miners Truck Mark III Converted to Mark IV for War Department-Details of Timber	6" to 1' and full size details Endorsed: for arrangement of ironwork details see Dg No 21134	- .9.16	1916	-	-	P	248	-
21135 Att	Platform for Miners Truck Mark III Converted to Mark IV	6" to 1' plan of platform	- .9.16	1916	-	-	P	248	-
21136	Eyebolt and Ring, Etc. for Miners Truck Mark IV	Full size details of 2 items Endorsed: part copy of IRESM/1388	20.9.16	1916	-	-	P	248	-
21142	Proposed Swingletree for Horse Shunters	Full size arrangement of swingletree made of plate with wood inserts	26.9.16	1916	-	-	P	262	-
21159	Old Tenders S23 Class Fitted for Carrying Petroleum	1½" to 1' outline elevations of tender showing hand brake and 3" to 1' details of components Endorsed: work to dimensions shown in red for alterations to vehicles to carry creosote for the Admiralty 20.8.17	31.10.16	1916	S23	-	P	326	
21242	Four Wheels Coupled Radial Tank Engines G69 Class- Vacuum Brake Ejector Arrangement	1½" to 1' arrangement shown on outline elevations and half plan of engine with details of fitting Endorsed: altered 20.9.28	13.11.16	1916	G69	F6	P	326	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21244	Arrangement of One Horse Express Parcel Van	1½" to 1' arrangement of 4 wheeled covered van 7'10½" inside	13.11.16	1916	-	-	P	262	-
21249	14 Inch Rubber Tyred Wheel for Platform Barrows	Full size elevation and section of cast wheel 1'2½" finished diameter	6.11.16	1916	-	-	P	262	-
21250	11 Inch Rubber Tyred Wheel for Platform Barrows	Full size elevations and section of cast wheel 12½" finished diameter	6.11.16	1916	-	-	P	262	-
21251	9 Inch Rubber Tyred Wheel for Platform Barrows	Full size elevation and section of cast wheel 10½" finished diameter	6.11.16	1916	-	-	P	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21257	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Superheater-Arrangement of Vacuum Brake	1½" to 1' arrangement shown on outline elevations and half plan of engine with details of fitting Endorsed: altered 20.9.28	13.11.16	1916	T19	D13	P	326	
21259	Four Wheels Coupled Express Engines Class T19 with Superheater-Balanced Slide Valve	Full size elevations, section and sectional plan Endorsed: altered 12.7.21	20.11.16	1916	T19	D13	P	326	
21282	Four Wheels Coupled Express Engines Class T19 with Superheater-Steam Chest Cover	Full size elevations, plan and sections Endorsed: altered 15.8.17 and 12.4.18	27.11.16	1916	T19	D13	P	326	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21336	Six Wheels Coupled Bogie Express Engines Class S69- Arrangement and Details of Detroit Four Sight Feed Lubricator	1½" to 1' arrangement shown in relation of outline of engine cab and 3" to 1' details of fittings	16.7.16	1916	S69	B12	P	326	
21358	Six Wheels Coupled Goods Engines Y14 Class for Overseas Fitted with S23 Class Tenders-Arrangement and Details for Whites Water Lifter	1½", 3" & 6" to 1' and full size arrangement and details of components	12.1.17	1917	Y14	J15	P	325	
21367	20 Ton Covered Goods Wagons for Overseas- Arrangement and Details for Packing Underframe and Body	1" to 1' arrangement of packing methods and 3" to 1' details of components My note: parts labels colour coded for each of the 9 companies which built wagons to this design	- .2.17	1917	-	-	PL-C	209	-
21368	Wagons for Overseas-Arrangement for Packing- Details of Covered Goods Wagons for Shipment	1½" to 1' details of components and their packing 3" to 1' arrangement of packing cases with instructions	- .2.17	1917	-	-	PL-C	209	-
21381	Diagrams of Platform Barrows Showing Positions of Chain for Securing Barrows when Not in Use	(1½" to 1') side and underside elevations of 3 types of barrow showing position of chains	- .1.17	1917	-	-	CP	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21385	Four Wheels Coupled Bogie Express Engines D56 Class-Steel Firebox	1½" to 1' sectional elevations and part plan of firebox	- .7.17	1917	D56	D15	P	325	
21406	Four Wheels Coupled Radial Tank Engines G69 Class-Steel Firebox	1½" to 1' sectional elevations and part plan of firebox	- .7.17	1917	G69	F6	P	325	
21415	Gauges for Wagon Wheels and Axle with 8In by 3¾In Journals 6Ft 7½In Centres	Full size details of gauges	1.2.17	1917	-	-	P	248	-
21427	Six Wheels Coupled Tank Engines R24 Class-Steel Steam Pipes	3" to 1' details of two pipes	24.2.17	1917	R24	J69	P	325	
21455	Cast Steel Wheel for Miners Truck	Full size elevation and section of 13" diameter wheel with 5 spokes	- .3.17	1917	-	-	CP	248	-
21473	Six Wheels Coupled Goods Engines Y14 Class-Steel Steam Pipes and C.I. Elbow	3" & 6" to 1' details of components Endorsed: additional details added 22.5.23	28.12.17	1917	Y14	J15	P	325	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21482	Four Wheels Coupled Bogie Tank Engines S44 Class-Steel Steam Pipes	3" to 1' det ails of two pipes	21.3.17	1917	S44	G4	P	326	
21498	Ironwork Details for Low Sided Wagons with Fixed Sides Adapted for Military Traffic	3" to 1' arrangement of components	24.4.17	1917	-	68W	P	262	-
21502	Electro Mechanical Train Control-Arrangement of Double Ramps	1½" to 1' section and plan of track showing ramps between running lines and position of shoe attached to engine My note: unmounted cartridge and torn	- .4.17	1917	-	-	CP	354	
21510	Conversion of Double Bolster Wagons to Suit Military Traffic-Arrangement and Details	1½" to 1' outline elevations and plan of 22'9" wagon and 3" to 1' details; bolsters and ends of wagon removed Endorsed: these wagons to be marked 'For Military Traffic'	1.6.17	1917	-	30W	P	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21512	Conversion of 4 Wheeled Brake Thirds to 15 Tons Goods Brakes for Overseas-Method of Weighting Vehicles with Concrete	1" to 1' outline sectional elevations and plan of 27' suburban carriage showing position of concrete under seats	28.4.17	1917	-	503C	PL-C	209	-
						521C			
21514	Conversion of 4 Wheeled Brake Thirds to 15 Ton Goods Brakes for Overseas-Arrangement and Details for Sand Boxes and Gear	1" to 1' arrangement of gear and 3" to 1' details of components	7.5.17	1917	-	521C	P	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21525	Brake Thirds to be Used as 15 Ton Goods Brakes for Overseas-Drawgear and Buffer	3" to 1' details of components	- .5.15	1915	-	521C	P	248	-
21529	Converting Double Bolster Wagons to Suit Military Traffic-Details of Ironwork	3" to 1' details of 12 components, including sets of plates at each end for wheeled traffic	12.5.17	1917	-	30W	P	262	-
21533	Brake Thirds to be Used as 15 Ton Goods Brakes for Overseas-Draw Gear and Buffer	3" to 1' sectional elevation of drawbar and gear and details of components for channel steel underframe	17.5.17	1917	-	521C	PB	262	-
21549	No 36 Ambulance Train for Overseas-Arrangement and Details of Stretcher Brackets	1½" to 1' sectional arrangement of brackets and 3" to 1' details of components	1.6.17	1917	-	-	P	262	-
21550	G69 Class Engine Attachment for Testing Obstructions above Rail Level for Electro Mechanical Train Control (Twin Ramps)	3" to 1' elevations and plan showing attachment to engine and 3" to 1' details of bracket	12.6.17	1917	G69	F6	P	355	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21553	Alteration of Position of Front Top Lamp Iron for 700, 1150, 1240, 1500 and 1900 Class Engines	3" to 1' elevations showing new position of lamp iron on smokebox door and 6" to 1' elevations of lamp iron	- .6.17	1917	T19	D13	P	355	
					F48 E72 S69 S46	J16 J17 B12 D14			
21571	Arrangement and Details of Gear for Ejecting Smokebox Ashes D56 Engines (Non Superheater)	1½" to 1' arrangement of apparatus in smokebox and 3" and 6" to 1' details of components Endorsed: altered for G58 class 27.5.18	14.6.17	1917	D56	D15	P	355	
21571	Six Wheels Coupled Goods Engines Class G58 without Superheater-Part Arrangement and Details of Gear for Ejecting Smokebox Ashes	1½" to 1' arrangement of gear and 3" to 1' and full size details of components Endorsed: altered 8.11.18	- .5.18	1918	G58	J17	P	355	
Att									
21590	Brake Shaft Release Spring	Full size details of 10 3/8 long spring	29.6.17	1917	-	-	CP	355	
21590	Engine Classes B17, F4-6, J66-69 and GE Tenders- Brake Shaft Release Spring	Full size details of 10 3/8 long spring Endorsed: supersedes Dg No 14143-I and Dg No PC13391-D	-	-	-	B17 F4 F5	BP	355	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Brake Shaft Release Spring					J66 J68 J69			
21600	Tenders Class S23-Arrangement and Details of Steam Pipe Coil in Well for Warming Creosote	1½" to 1' sections and plan showing pipe arrangement in tender well and 6" to 1' details of components Endorsed: altered 29.8.17	17.7.17	1917	S23	-	P	355	
21603	Wagon Brakes-Arrangement to Prevent Closing in of Brake Shaft Hangers	3" to 1' arrangement and full size details of shaft	17.7.17	1917	-	-	P	248	-
21604	Securing Gear for Low Sided Military Traffic Wagons-Arrangement and Details	1½" to 1' arrangement of gear on end of wagon and 3" to 1' details of components	19.7.17	1917	-	68VV	P	262	-
21617	Proposed Two Wheeled Timber Carriage	1" to 1' elevations and plan of 2 wheeled road carriage 2 tons capacity	24.7.17	1917	-	-	P	262	-
21618	Four Wheeled Timber Carriage	1" to 1' elevations and plan of 4 wheeled carriage of adjustable length between 10'6" to 17'6" wheelbase	24.7.17	1917	-	-	P	262	-
21628	Six Wheeled 20 Ton Goods Brakes-Arrangement of Brakework to Obtain Equal Pressure on each Block	1½" to 1' elevations and plan of underframe showing brakework Endorsed: for details see Dg No 21635	7.8.17	1917	-	49VV	P	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21630	Emergency Train for War Office-Galvanised Steel Cold Water Tank for Bath Room	3" to 1' arrangement of tank and full size components	13.8.17	1917	-	-	P	248	-
21634	Alteration to No 51 Saloon for Emergency Train for War Office	3/8" to 1' revised side elevation and layout of interior of saloon	15.8.17	1917	-	23C	P	263	-
21635	Six Wheeled 20 Tons Goods Brakes-Details of Brakework to Obtain Equal Pressure on Each Block	3" to 1' details of components My comment: appears to replace all existing gear apart from truss rods	16.8.17	1917	-	49W	P	263	-
21636	Six Wheels Coupled Goods Engines H80 Class J19-Trailing Sandbox (for Dry Sanding Gear)	3" to 1' elevations and plan of sandbox Endorsed: altered 16.2.40 for hopper bottom to sand box; for details see Dg No 17549	20.8.17	1917	H80	J19	P	355	
21638	Emergency Train for War Office-Arrangement and Details for Fixing Water Tank above Bathroom	1½" to 1' sectional view of bath and heater and 3" to 1' details	21.8.17	1917	-	23C	P	263	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21640	Six Wheels Coupled Tank Engines Class R24-Steel Cone and Pipe Flanges for Steel Steam Piping	Full size elevations of a cone and two flanges	30.8.17	1917	R24	J67	P	354	
21641	Alteration to Front of Wagon Axlebox 'Y' so That it Can be Fitted to 20 Ton Coal Wagons	Full size elevation, section and plan of axlebox Endorsed; altered 26.4.18 by removal of side lug and addition of top handle	30.8.17	1917	-	46W	P	263	-
21642	Ironwork Details for Two Wheeled Timber Carriage	3" to 1' details of components	9.1.18	1918	-	-	P	263	-
21643	Wheel for Two Wheeled Timber Carriage	6" to 1' elevation and section of 18 spoke wheel 6' diameter	27.8.17	1917	-	-	P	263	-
21644	Two Wheeled Timber Carriage-Arm and Axle	6" to 1' elevations and plan	9.1.18	1918	-	-	P	263	-
21645	No 15 Axlebox Washer and Cap	Full size elevation and section for road vehicles	8.11.17	1917	-	-	P	263	-
21651	Six Wheels Coupled Goods Engines Class H80-Arrangement of Dry Sanding Gear 9.17	1½" to 1' arrangement of gear shown in relation to part outline elevation of engine Endorsed: steam pipes and cock for rail cleaning not required, undated	- .9.17	1917	H80	J19	P	354	
21657	Arrangement and Details of Truss for Roof of Saloon No 51	¾" to 1' side elevation of clerestory 3" to 1' details of components for alterations at office end	1.9.17	1917	-	23C	P	263	-
21658	Six Wheels Coupled Bogie Express Engines Class S69-Arrangement of Davies and Metcalfe's No 10 Exhaust Injector	1½" to 1' arrangement shown in relation to part outline elevations and plan of engine Endorsed: altered 20.12.20 My note: drawing virtually illegible	- .9.17	1917	S69	B12	CP	354	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21662	Bending Moment Diagram for LB&SCR 2-6-0 Goods Engine on 35Ft Span with Heaviest Axle Load in Centre of Span	1/4" to 1', 1/4" to 1 ton, 1" to 100 foot tons bending moment diagram	29.9.17	1917	-	-	CP	355	
21663	Bending Moment Diagram of GWR 2-6-0 Goods Engines on 35Ft Span (with Heaviest Axle Load in Centre of Span)	1/4" to 1 ton, 1/4" to 1', 1" to 100 tons feet bending moment diagram	- .9.17	1917	-	-	CP	354	
21665	Cross Section of Tyre Fastening for Standard No 3 Wheel-Standard Steelworks Co, Philadelphia	Full size section of outer part of wheel	14.9.17	1917	-	-	P	263	-
21667	Loading Plate for Military Traffic Wagons	Full size details of cast iron plate 1'3 1/4" by 5" deep to read 'Military Traffic Stock/To be Loaded/To GE Stations Only' in 7/8" raised letters	17.9.17	1917	-	-	P	263	-
21671	Details of Dual Brake for No 63 Saloon	3" to 1' details of components	-	1919	R69	29C	CP	263	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21673	Electro Mechanical Train Control-Electro Magnet and Bracket	Full size elevations and plan of assembly	26.9.17	1917	-	-	P	354	
21676	Bearing for Wagon Axleboxes A1 and B1 8" x 3 3/4" Journals	Full size elevations and plan of bearing Endorsed: MR pattern	28.9.17	1917	-	-	P	263	-
21679	Front and Hind Wheels for Four Wheeled Timber Carriage	6" to 1' elevation and section of 14 spoke wheel 4' diameter	8.11.17	1917	-	-	P	263	-
21680	Four Wheeled Timber Carriage-Front and Hind Arm and Axle	6" to 1' elevation and plan	8.11.17	1917	-	-	P	263	-
21681	Brake Block and Lever for Engine No 1 of Southwold Railway Co	3" to 1' elevation and plan showing assembly using GE tram engine block to Dg No 6340	- .10.17	1917	-	-	CI	355	
21682	Ambulance Train for USA Army-Arrangement of Holding Down Bolts	3/4" to 1' half plans of underframes for classes O, P, R, T & W80	2.10.17	1917	-	-	P	263	-
21684	Ambulance Train for USA Army-Personnel and Ward Car R	3/8" to 1' interior layout of 54' car							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21685	Ambulance Train for USA Army-Staff Car G	3/8" to 1' interior layout of 54' car	9.10.17	1917	-	-	P	263	-
21686	Ambulance Train for USA Army-Kitchen and Mess Room Car H	3/8" to 1' interior layout of 54' car							
21687	Ambulance Train for USA Army-Kitchen and Sick Officers Car A	3/8" to 1' interior layout of 54' car							
21688	Ambulance Train for USA Army-Brake and Stores Car Lettered E	3/8" interior layout of 54' car	-.12.17	1917	-	-	P	263	-
21691	Ambulance Train for USA Army-Brake and Infectious Ward Car-Lettered A10	3/8" interior layout of 54' car							
21689	Ambulance Train for USA Army-Pharmacy Car-Lettered F	3/8" interior layout of 54' car	-.12.17	1917	-	-	P	263	-
21690	Ambulance Train for USA Army-Ward Car-Lettered B, C, D, E, L, M, N, O & P	3/8" interior layout of 54' cars							
21692	Ambulance Train for USA Army-Arrangement of Bottom Step Boards on all Cars	1/2" to 1' outline side elevations of underframes and 3" to 1' end elevations of step boards for classes M, O, P, R, T & W80	21.12.17	1917	-	-	P	263	-
21701	Oil Axlebox to Replace the A, E & X Axleboxes	Full size elevations, sections and plan of axle box marked B1 Endorsed: similar to the A1 box except that the spring seat and axleguard lugs are modified to suit the GER type stock	13.10.17	1917	-	-	P	263	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 24.4.18; for drawing of outer casting of side and slide for the B1 axlebox see Dg No 21945							
21702	Ironwork Details for Four Wheeled Timber Carriage	3" to 1' details of components	14.11.17	1917	-	-	P	263	-
21707	Axleguard Stay to be Used where the A, E and X Axleboxes are Replaced by the B1 Axlebox	Full size elevation and plan of stay with flattened bottom to allow 1 5/8" clearance from underside of axlebox	19.10.17	1917	-	-	P	263	-
21715	Ambulance Train for USA-Arrangement of Body for Ward Cars M80	¾" to 1' side elevation and plan of 54' vehicle and Red Cross markings My comment: this is the only drawing found to show original condition of a vehicle built new for ambulance train use	5.11.17	1917	M80	-	P	263	-
21717	Wagon Axlebox E-Bearing with White Metal Liner	Full size elevation, section and plan Endorsed: altered 29.1.18	26.10.17	1917	-	-	P	263	-
21723	Four Wheels Coupled Mixed Traffic Engines T26 Class-Footboard	1½" to 1' arrangement of footboard with 3" to 1' details	18.1.18	1918	T26	E4	P	263	-
21728	Ambulance Train for USA Army-Draw Hook and Drawbar Plate	Full size elevation, section and plan	8.11.17	1917	-	-	P	263	-
21732	Side Chain for U.S.A. Ambulance Train GWR Type	Full size elevation and plan of 7 link chain with hook	- .11.17	1917	-	-	P	320	
21733	Position and Details of New Floor Bearers on Underframe of Fish Wagon	1" to 1' part side elevation and plan of underframe and 3" to 1' details of cross bearers positioned 3'1" either side of centre line	15.11.17	1917	-	54W	P	320	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21735	Workshop Repair Train for War Office-Arrangement of Tool Van	1" to 1' interior elevations of benches and equipment Endorsed: vehicle converted from overseas covered goods wagon	3.1.17	1917	-	-	P	320	
21736	Workshop Repair Train-Arrangement of Officers and Stores Van	1" to 1' sectional elevations of interior and layout of 25' van Endorsed: for body see GER Dg No 21313 converted from 20 ton covered goods wagon (overseas)	28.12.17	1917	-	-	P	321	3
21737	Workshop Repair Train for Overseas-Arrangement of Body for Generating and Machinery Vans	1" to 1' elevations, section and plan of body of 25' van Endorsed: underframe to Dg No 21266, ironwork to Dg No 21738	31.12.17	1917	-	-	P	321	2
21738	Workshop Repair Trains for Overseas-Ironwork Details for Body for Generating Machinery Van	3" to 1' details of ironwork with schedules of components	3.1.18	1918	-	-	P	321	2
21739	Workshop Repair Train-Stores Van-Arrangement and Details of Jib Crane	1" to 1' arrangement of 2 cwt crane and full size details of components, two per van	4.1.18	1918	-	-	P	321	2
21741	Workshop Repair Train for Overseas-Cross Sections Through Machinery Vans	1" to 1' cross section through machinery vans Nos 1 & 2 showing pulleys and belting and schedule of requirements	- .3.18	1918	-	-	P	320	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21746	Workshop Repair Train for Overseas-Arrangement and Details of Supports for Generating and Machinery Vans	1", 1½" & 3" to 1' and full size details of components	- .3.18	1918	-	-	P	320	
21748	Three Link Coupling	Full size elevation and plan of wrought iron coupling with centre bar in place of link	20.11.17	1917	-	-	P	320	
21760	Bending Moment Diagram of SE&C 2-6-0 Goods Engine on 35' Span	¼" to 1', ¼" to 1 ton & 1" to 100 tons feet Endorsed: figures on diagram are approximate only see Dg No 21807 for BM diagram worked from correct figures 20.12.17	- .12.17	1917	-	-	CP	320	
21764	Alteration to Tube Spacing Class D56 (Superheater)	3" to 1' elevations of both tubeplates 18 large and 156 small tubes Endorsed: altered 7.2.30	- .1.18	1918	D56	D15	P	325	
21804	Suggested Handbrake for Ambulance Train for the American Army	3" to 1' sectional side elevation of brake column end of carriage and cranks beneath underframe	17.9.17	1917	-	-	PT	320	
21805	Six Wheels Coupled Goods Engines Class F48-Footboard	½" to 1' elevations, section and plan of footboard with 3" to 1' details of components Endorsed: footboard cut away to red 2.11.26; altered 24.1.42 and 27.1.55	9.2.18	1918	F48	J16	CP	354	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21806	Ambulance Train for the American Army- Arrangement for Carrying Cold Water Tanks in Kitchen and Sick Officers Car	1½" to 1' arrangement of tanks and 3" to 1' details of components	7.1.18	1918	-	-	P	320	
21807	BM Diagram of SE&C 2-6-0 Goods Engine on 60 Ft Span	¼" to 1', ¼" to 1 ton & 1" to 100 tons feet diagram Endorsed: for BM diagram for GCR 2-8-0 engine see Dg No 19271	- .12.17	1917	-	-	CP	321	2
21809	Suggested Alteration to Low Floored Milk Van to Enable it to Run Round a 3½ Chain Curve	1½" to 1' sectional end elevation of wheelset and new axlebox for centre wheels, plan of van on curve and table of clearances	22.12.17	1917	-	22M	P	321	2
21817	Ambulance Train for the American Army- Arrangement of Handbrake on Kitchen, Pharmacy, Staff, Ward and Ward & Personnel Cars	1½" to 1' sectional half side elevation and half plan of frame showing arrangement of brake Endorsed: altered 7.3.18	- .2.18	1918	-	-	P	321	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21818	Ambulance Train for the American Army-Brakework Details for Handbrakes on Kitchen, Pharmacy, Staff, Ward and Ward & Personnel Cars	1½", 3" & 6" to 1' details of brake column, hand wheel, levers, hangers and pull rods Endorsed: altered 7.3.18 and additions in black	- .3.18	1918	-	-	P	321	2
21818	Details of Cast Iron Work for Handbrakes for Ambulance Train for the American Army	6" to 1' elevations and plan of brake column, hand wheel, etc for orders M, O, P & W80	15.1.18	1918	-	-	P	321	2
21820	Low Floored Milk Van-Arrangement of Oil Axlebox CI	Full size elevations, sections, plans and sectional plans of axlebox Endorsed: altered 22.5.19	24.1.18	1918	-	22M	P	321	2
21837	Arrangement of First Class Saloon F80	¾" to 1' body arrangement of 54' saloon with open balcony and interior details Endorsed: cancelled see Dg No 21936 15.5.18	8.2.18	1918	F80	34C	P	321	2
21838	Arrangement of Underframe for First Class Saloon F80	1" to 1' side and sectional side elevations and plan of 54'7½" underframe with dual braking and lighting equipment details, composite wood and steel channel underframe	-	1918	F80	34C	P	320	
21863	Workshop Repair Train for Egypt-Arrangement of Line Shafting and Pulleys in Machine Vans	½" to 1' outline sectional elevations and plan of machine vans Nos 1 & 2	- .2.18	1918	-	-	P	320	
21868	BM Diagram of Proposed 4-4-0 Express Engine on Various Spans	¼" to 1', ¼" to 1 ton, 1" to 100 foot tons bending moment diagram for a range of spans 20' to 70'	- .3.18	1918	-	-	CP	355	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21870	Proposed 4-4-0 Express Engine-Curve Showing Relation between Bending Moment and Span	Curve shown in graph form	13.3.18	1918	-	-	P	354	
21878	Workshop Repair Train for Overseas-Details of Shaft Hanger, Angle and Column for Machinery Vans	1" to 1' details of components for machinery vans Nos 1 & 2	- .2.18	1918	-	-	P	320	
21879	Workshop Repair Train for Overseas-Water Tank Filler for Water Tank on Generating Car	Full size sectional elevations and plan of cast filler	- .5.18	1918	-	-	P	321	2

Part

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21884 -I	Ramp for Unloading Horses from Cattle Wagons- Hangers and Brackets	Full size elevations and sectional end elevation of brackets fitted accept ramp	28.5.18	1918	-	-	P	321	2
21885	Arrangement and Details of Ramp for Loading Horses into Cattle Wagons	1" to 1' elevation and plan of 16'4" long ramp and 3" to 1' details of fittings	- .2.18	1918	-	-	P	321	2
21885 -I	Ramp for De-Training Horses from Cattle Wagons	1 1/2" to 1' elevation and plan of ramp and 3" to 1' details of fittings	10.6.18	1918	-	-	P	320	
21887	'Beard' System of Refrigerating Wagons-Details of Tank and Hood	1 1/2" to 1' arrangement of hood, two per wagon 3" to 1' and full size details	- .5.18	1918	-	-	P	320	
21904	Electro Mechanical Train Control	Full size details of numerous components	- .4.18	1918	-	-	CP	354	
21910	Conversion of Composite Carriages to General Vans- Arrangement and Details of Hand Brake, etc.	1 1/2" to 1' half elevations and plan of 6 wheel wood underframe showing arrangement of hand brake and 3" to 1' details of components Endorsed: push rod altered in red 16.8.18 My comment: gas tanks retained	- .5.18	1918	-	45M	P	230	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21916	0-6-0 Goods Engines Class - -Diagram Showing wheelbase on 6 Chain Curve	1½" to 1' plan showing wheels of E72 class engine on curve	22.4.18	1918	E72	J18	CP	354	
21922	Superheater Belpaire Boilers 4'8" Diameter- Arrangement of Copper Smoke Tubes	3" to 1' elevations of tubeplates	- .4.128	1918	-	-	CP	354	
21931	Covered Goods Wagons (19Ft 0Ins and 19Ft 3Ins)- Arrangement for Insulating these Wagons for the Conveyance of Meat	1½" to 1' interior elevations and plan showing addition of insulation material for wagons to Dg Nos 16874 and 13490 and 3" to 1' details Endorsed: minor amendments 25.6.18 and 4.7.18; paint white disc 2' diameter each side on the right hand quarter My note: this not indicated on the drawing	- .3.18	1918	-	47W 72W	P	230	-
21937	Instruction Plate for Sleeper Wagons Attached to Ponders End Creosoting Works	Full size details of plate 'Empty to Ponders End' and 3" to 1' details of its position on lower rail 1' right of centre line	16.5.18	1918	-	44W	P	230	-
21941	Arrangement and Details of Ramp for Loading Military Road Vehicles onto Low Sided Wagons	1½" to 1' arrangement of 16' long ramp chained to wheel plate of open carriage truck and 3" to 1' details of components	- .6.18	1918	-	-	P	230	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21942	Arrangement of Lubrication Pipes for Trailing Axle Boxes D56 Class	6" to 1' elevations of pipework	4.6.18	1918	D56	D15	P	354	
21944	Arrangement of First Class Saloon F80	¾" to 1' arrangement of body of 55' saloon with open balcony at one end and fixed steps to ballast Endorsed: seat replaced by 6 chairs (in saloon corridor end), hinged wash basin replaced by fixed and elliptical table at platform end replaced by oblong table	24.6.18	1918	F80	34C	P	230	-
21946	Arrangement of Lubrication Pipes for Trailing Axleboxes T19 Class	6" to 1' elevations of pipes	5.6.18	1918	T19	D13	P	355	
21948	Built Up Crank Axles for Coal Engines Class D81	3" to 1' elevations of crank axle Endorsed: classes M87 & Y87 added	12.6.18	1918	D81	J20	P	354	
21949	Six Wheels Coupled Goods Engines Class D81 - Driving and Trailing Horn Block and Axle	6" to 1' elevations, sections and plan of horn block and axle Endorsed: altered 30.12.27 and 3.34	20.6.18	1918	D81	J20	P	355	
21953	Six Wheels Coupled Goods Engines D81 Class - Framing	1½" to 1' elevations and plan of framing with details of components	12.40	1940	-	J20	BP	355	
Ren 21953	Six Wheels Coupled Goods Engines D81 Class - Framing	1½" to 1' elevations and plan of framing	12.40	1940	-	J20	P	355	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part	Six Wheels Coupled Coal Engines J20 Class-1 Trailing	Endorsed: alterations to cab steps 21.5.51	- .12.40	-	-	J20		355	
21954	Six Wheels Coupled Coal Engines D81-J20-Leading Hornblock and Axlebox with Controlling Gear	6" to 1' elevations, sections and plans of hornblock Endorsed: altered 26.1.26 and 9.37	16.9.18	1918	D81	J20	P	355	
21960	Six Wheels Coupled Coal Engines Class D81-J20-Leading, Driving and Trailing Sand Boxes and Splashers	3" to 1' elevations and plan of sandboxes and splashers with 6" to 1' and full size details of components Endorsed: altered 2.40	- .1.19	1919	D81	J20	P	355	
21965	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Diameter Boiler-Spark Deflector Details	6" to 1' details of 3 components	20.11.22	1922	D56	D15	CP	354	
Att									
21967	Six Wheels Coupled Coal Engines Class D81-Brake Arrangement, Steam and Vacuum	1" to 1' arrangement of brake shown on part elevations and plan of engine My note: drawing virtually illegible	- .2.19	1919	D81	J20	CP	354	4
21969	Modified Arrangement of LH Trailing Sandgear	1½" to 1' sand gear shown in relation to part outline elevation and plan of engine Endorsed: altered 27.6.50	-	-	-	J20/1	P	354	
Att									
21969	Six Wheels Coupled Superheated Coal Engines D81 Class-Rod, Pine and Clothing Arrangement	1½" to 1' side elevation, end and sectional elevation and plan of engine	- .3.19	1919	D81	J20	BP	355	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Class-Rod, Pipe and Clothing Arrangement	Endorsed: alterations to leading end							
21970	Sets of Vacuum Brake Pipes, etc.	Schedule of 21 types of pipe with sketches My note: drawing divided into 3 separate panels	- .3.19	1919	K86	N7	P	354	
21971	Six Wheels Coupled Coal Engines D81 Class-Rod, Pipe and Clothing Details	Full size details of numerous components Endorsed: altered c.1940 to suit boilers to diagram 25A	- .4.19	1919	D81	J20	P	355	
21978	Six Wheels Coupled Radial Tank Engines Class K85-Boiler	1 ½" to 1' arrangement of boiler with sections and 6" to 1' details of riveting Endorsed: for fusible plug detail see Dg No 24193	- .9.20	1920	K85	N7	P	355	
21980	Six Wheels Coupled Radial Tank Engines Class K85-Smokebox	Sectional side and end elevations of smokebox with key to detailed drawings Endorsed: for smokebox for engines Class K89 see Attachment; altered 15.4.21 and 21.1.38	4.12.20	1920	K86	N7	P	354	
21989	Workshop Repair Train-Officers and Stores Van-Fastening for Bunk	3" to 1' arrangement of bunk and full size details of fastening	6.6.18	1918	-	-	P	230	-
21993	Spring Stop for Steel Framed Wagons	3" to 1' and full size details of 5" deep pressed steel stop mounted on frame Endorsed: existing wagons to be altered to this where necessary	- .6.18	1918	-	-	P	230	-
21994	Workshop Repair Train for Overseas-Portable Stand for Motor Starter and Switch	1 ½" to 1' elevations of stand made of angle iron	17.6.18	1918	-	-	P	230	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21996	Bearing D.8.T for Axlebox 'X'	Full size elevations and plan of bearing to be used with keep P.9.T to Dg No 20558	19.6.18	1918	-	-	P	230	-
21997	First Class Saloon F80-Underframe Details (Steel and Ironwork)	1½" and 3" to 1' details of 56 components, tie rods, safety chains, etc.	4.7.18	1918	F80	34C	P	230	-
21999	Electric Lighting and Heating Details First Class Saloon F80	6" and 3" to 1' details of battery boxes and hangers	13.8.18	1918	F80	34C	P	230	-
22034	First Class Saloon-Details of Gates and Railing for Platform	3" to 1' details of components for railings on end of platform	10.7.18	1918	F80	34C	P	230	-
22045	Door Stop for Doors of 20 Ton Coal Wagons Fitted with 'Y' Axleboxes	3" to 1' arrangement of stop on door hinge above brake lever and full size detail of stop	2.7.18	1918	-	46W	P	230	-
22059	First Class Saloon F80-Arrangement and Details of Flaps and Controlling Gear	3" to 1' arrangement of hinged floor sections, levers to operate and full size details	2.8.18	1918	F80	34C	P	230	-
22068	First Class Saloon F80-Arrangement of Steps from Ballast to End Platform	3" to 1' arrangement of right hand and left hand fixed steps with 4 treads	9.8.18	1918	F80	34C	P	230	-
22071	Bending Moment Diagram Showing Proposed 2-6-0 Standard Goods Engine and Tender on 60Ft Span	Scales ¼" to 1', ¼" to 1 ton, 1" to 100 ton feet diagram and wheelbase	- .8.18	1918	-	-	P	241	-
22072	Arrangement of Water Tanks and Details of Cradles for First Class Saloon F80	3" to 1' details of 35 gallon tank in kitchen and 51 gallon tank in lavatory	- .8.18	1918	F80	34C	P	230	-
22074	Bearing Spring for Wagons	Full size elevations and plan of 7 plate spring 3'6" centres	9.8.18	1918	-	-	P	230	-
22078	Four Wheel Bogie for Carriages-Bolster Suspension Hanger	6" to 1' scale details of component, four per bogie Endorsed: Bogies with --- bolsters No 75 Ambulance Train; altered 1.11.18 My comment: part of endorsement defaced	16.8.18	1918	-	-	P	230	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22081	Adaptor for Outlet Pipes on Cold Water Tanks on Ambulance Trains	Full size section and plan of adaptor	22.8.18	1918	-	-	P	298	-
22082	Four Wheeled Bogie for Carriages-Bolster and Spring Beam Castings Classes G, H, I, K, L & M81	6" to 1' details of components Endorsed: altered 16.8.39	25.8.18	1918	-	-	P	298	-
22084	Ambulance Train for the U.S. Army-Diagram Showing Positions of WH Brake Pipes and Cylinders, Steam Heating Pipes, Dynamos and Accumulator Boxes and Hand Brake Columns	Unscaled diagram of 16 coach train showing location of named features	- .8.18	1918	-	-	P	298	-
22085	Arrangement of 4 Wheeled Bogie for Carriages	1½" to 1' elevations and plan of 8' wheelbase bogie with channel steel solebars	16.9.18	1918	-	-	P	299	-
22086	Frame Details of 4 Wheeled Bogie for Carriages G, H, I, K, L & M81	3" to 1' details of components Endorsed: altered 9.10.18, 22.10.18, 19.2.20 & 20.2.20	5.9.18	1918	-	-	P	298	-
22087	Details of Platework for 54Ft Steel Underframe for Carriages G, H, I, K, L & M81	1½" and 3" to 1' details of components	19.9.18	1918	-	-	P	299	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22088	Arrangement of Steel Underframe for 54Ft Carriages Classes G, H, I, K & M8I	1½" to 1' sectional side and end elevations and plan of frame showing construction and dynamo gear	-	1918	-	-	P	299	-
22089	Ambulance Train No 75-Arrangement of Brakework for Pharmacy Car and Personnel Car	1½" to 1' sectional elevations and plan of underframe showing brakework Endorsed: altered 17.8.18	5.9.18	1918	-	-	P	299	-
22090	Arrangement of Brakework for Ward Cars, Staff Car and Kitchen Cars	1" to 1' sectional side elevations and plan of frame showing gear	16.9.18	1918	-	-	P	299	-
22091	Ambulance Train No 75-Arrangement of Brakework on Brake and Stores Car and Brake and Infectious Car	1½" to 1' sectional elevations and plan of frame showing brakework	13.4.18	1918	-	-	P	298	-
22092	Ambulance Train No 75-Details of Brakework	3" to 1' details of numerous components Endorsed: part 8I added undated	20.9.18	1918	-	-	P	298	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22096	Proposed Van for the Conveyance of Bread for the Military	3/8" to 1' outline elevation, section and interior plan of 27' van converted from Fruit Vans EX stock	30.8.18	1918	-	46M	P	298	-
22099	Ambulance Train No 75-Arrangement and Details of Coal Box Beneath Underframe	1½" and 3" to 1' arrangement of coal box and full size details of fittings	- .9.18	1918	-	-	P	298	-
22110	Details of Electric Light Fittings on 54Ft Carriages G, H, I, K & M81 Classes	3" to 1' arrangement of battery box and 6" to 1' details of components	30.10.18	1918	-	-	P	299	-
22135	Field Marshall's Train-Proposed Ramp for Unloading Motor Cars off Carriage Trucks	1" to 1' elevation and plan of pair of 20'5" long ramps	31.10.18	1918	-	-	P	298	-
22191	Steam Brake Cylinder-Classes Y14, N31, F48, G58, E72	Full size arrangement of brake cylinder	- .12.18	1918	Y14 N31 F48 G58 E72	J15 J14 J16 J17 J18	CP	241	-
22199	Main Line Lavatory Carriages 54Ft-Arrangement and Details for Fixing Water Tank in Roof of Lavatories	3" to 1' elevations and plan and details of components	- .2.19	1919	-	-	CP	298	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22206	Six Wheels Coupled Goods Engines Class Y14, N31, Tank Engines Class C32, Mixed Traffic Class T26-Boiler	1½" to 1' elevations and sections of boiler and full size details of riveting Endorsed: amended 20.6.34 and 12.41	18.10.23	1923	Y14 N31 C32 T26	J15 J14 F3 E4	P	241	-
22251	Arrangement and Details of Steam Heating for 54Ft Main Line Brake Third	1" to 1' sectional elevations and plan of heaters 3" to 1' and full size details of fittings	- .11.19	1919	-	-	CI	298	-
22291	Duplex Pressure Gauge for Westinghouse Brake Main Air Reservoir	Full size elevations of gauge	6.5.19	1919	-	-	CP	241	-
22293	Six Wheels Coupled Superheater Goods Engines (Class D81)-Frame and Boiler Stay	3" to 1' and full size details of components	26.5.19	1919	D81	J20	CP	241	-
22298	Main Line Brake 3rd Class Carriage-Diagram of Writing Main Line Brake Third Class Carriages-Special Plate	(¾" to 1') outline side and end elevation of body showing writing and full size elevations of train following board	15.5.19	1919	-	-	CP	299	-
22301	Six Wheels Coupled Bogie Express Engines Class 1500-Westinghouse Steam Cock 5.13 1500 B12	Full size elevations and plan of cock	- .5.13	1913	S69	B12	CP	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22321	Main Line Brake Third Carriages-Rubber Cylinders and Pads	Full size details of 10 rubber components	- .-.19	1919	-	-	CP	299	-
22323	Six Wheels Coupled Express Engines Class 1500 Type B12 and Goods Engines Class D81-Tender Tank	1½" to 1' elevations and plan of tank Endorsed: altered for goods engines D81; drain pipe added 7.7.25	24.6.19	1919	S69 D81	B12 J20	P	241	-
22323	Six Wheels Coupled Express Engines Class 1500 Type B12 and Goods Engines Class D81-Tender Tank	1½" to 1' elevations and plan of tank Endorsed: altered for goods engines D81; drain pipe added 7.7.25	-	1917	S69 D81	B12 J20	BP	241	-
22326	Leading Sand Box for Six Coupled Bogie Express Engines 1500 Class	3" to 1' arrangement and full size details	- .1.20	1917	S69	B12	CP	241	-
22334	Steam Heating for Carriages-Arrangement of Pipes for Apparatus Fitted with High Pressure Valve	¼" to 1' interior arrangement of carriage showing valve positions and 3" to 1' details of pipework and apparatus	- .6.19	1919	-	-	CP	299	-
22345	Tenders Class 1500-Tender Tank Lid and Seating	6" to 1' details of components	- .7.17	1917	S69	B12	P	241	-
22348	Tenders Class Large Standard-Arrangement and Details of Water Pick Up Gear	3" to 1' arrangement of apparatus and 6" to 1' details of components	6.8.19	1919	-	-	P	241	-
22350	Six Wheels Coupled Bogie Express Engines Class 1500-Smokebox	3" to 1' sectional elevations of smokebox Endorsed: a renewal drawing	8.6.29	1929	-	B12	BP	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22369	Six Wheels Coupled Bogie Express Engines 1500 Class-Alteration in Position of 8In/8½In Air Compressor	1" to 1' part elevations and plan showing position of compressor and 3" to 1' details of a bracket	- .8.22	1922	S69	B12	BP	241	-
Att 2									
22377	Tenders-Pipe Details S69 Class (B12)	(6" to 1' and full size) details of components	- .11.19	1919	S69	B12	CP	241	-
22384	Engines and Tenders Class 1500-Details of Cupboards, Handrail Columns and Fire Iron Holders	Full size elevations of components Endorsed: altered 27.1.24 and 28.8.24	- .11.19	1919	S69	B12	CP	241	-
22423	Engines Working on East London Railway P55 Class-Additions and Alterations to Details of Trip Cock Gear	6" to 1' and full size details of components	- .1.20	1920	P55	F5	CP	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att									
22444	Road Vehicles-Arrangement of One Horse Van D&P7135	1½" to 1' elevations and plan of 4 wheel van 8'8" long with hoops to carry 1¾ tons	9.10.19	1919	D&P 7135	-	PL-C	383	
22444	Road Vehicles-Arrangement of One Horse Van D&P 7135	1½" to 1' general arrangement of 4 wheeled van 8'6" inside	- .10.19	1919	D&P 7135	-	PL-C	212	-
22451	Covered Goods Wagons-Joint of Door Pillar and Rail	6" to 1' elevations and section of assembly	- . .19	1919	-	-	CI	298	-
22462	Six Wheels Coupled Bogie Express Engines 1500 Class-Arrangement and Details of Gear for Ejecting Smokebox Ashes	1½" to 1' arrangement of gear full size details of components Endorsed: altered 25.6.20 and 6.4.22	- .11.09	1909	S69	B12	CP	241	-
22519	Dust Shield for Wagon Axlebox	Full size elevations My comment: illegible	- .11.19	1919	-	-	Cp	299	-
22535	Mid Suffolk Railway Engine No 1-Position of Brick Arch	3" to 1' elevation of firebox interior	28.11.19	1919	-	-	CP	241	-
22557	Four Wheels Coupled Bogie Tank Engines Class S44-Cylinder Covers	3" to 1' elevations and sections	- .1.20	1920	S44	G4	CP	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22592	Six Wheels Coupled Express Engines Class 1500- Relief Valve for Steam Heating	Full size details of valve	27.1.20	1920	S69	B12	P	241	-
22725	Bogie Suburban Second Class Carriage-Arrangement of Body with Iron or Steel Panels	¾" to 1' elevations and sections of 54' body with half plan of floor framing Endorsed: drawing date altered to 3.22	3.5.20	1920	-	300C	PL-C	383	
22725	Bogie Suburban Second Class Carriage-Arrangement of Body with Iron or Steel Panels	¾" to 1' general arrangement of 54' body with 10 compartments My note: this drawing was originally dated 3.5.20	- 3.22	1922	-	300C	PL-C	212	-
22789	Covered Goods Wagon-Fastening for Securing Folding Doors when Open	1" to 1' outline side elevation of van and full size details of fastenings	8.3.22	1922	-	72W	P	299	-
22805	Flanges of Engine Valve for Steam Heating for Engines Classes G69 and S56	Full size details of components	- 4.20	1920	G69 S56	F6 J69	CP	241	-
22811	Six Wheels Coupled Radial Tank Engines Class K85- Blast Pipe	6" to 1' elevations and sections of blast pipe	4.12.20	1920	K85	N7	P	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22816	Six Wheels Coupled Radial Tank Engines K85 Class (L77)-Arrangement of Injector Delivery into Dome	3" to 1' arrangement with full size details	- .7.20	1920	K85	N7	P	241	-
22819	Six Wheels Coupled Radial Tank Engines Class K85- Piston Valve Bushing for Piston Valve with Narrow Rings	Full size elevations and sections	15.10.20	1920	K85	N7	P	241	-
22876	Six Wheels Coupled Radial Tank Engines (Class K85)- Back Cab Windows	3" to 1' elevations of windows and full size details of components	7.12.20	1920	K85	N7	P	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22886	Six Wheels Coupled Bogie Express Engines Class 1500 and Super Coal Engines Class M27-Piston Valve Bracket with Narrow Ring and Spindle	Full size elevations Endorsed: for two part valve bushing see Dg No 23240 for narrow ringed piston valves	9.9.20	1920	S69	B12	P	241	-
23147	Six Wheels Coupled Radial Tank Engines Class K85- Brake Arrangement with 8In Stroke/8 1/2 In Air Compressor and No 4 Driver's Valve	1" to 1' arrangement of brake shown on outline elevations and plan of engine Endorsed: for details of angle plate stop see Dg No 22410 29.8.21; altered 7.2.21	2.11.20	1920	K85	N7	P	423	
23148	Six Wheels Coupled Radial Tank Engines Class K85- Brake Details	3" to 1' details of numerous components Endorsed: for angle plate stop on driving and intermediate brake cross beams see Dg No 22410	3.11.20	1920	K85	N7	P	423	
23149	Six Wheels Coupled Radial Tank Engines Class K85- Pipe Connections, Brackets, etc for Westinghouse Brake with 8In/8½In Air Compressor and No 4 Drivers Valve	3" and 6" to 1' details of components Endorsed: undated addition of covering for steam and oil pipes	2.11.20	1920	K85	N7	P	423	
23187	Proposed Protectors for Stone's Sight Feed Lubricators	Full size elevations and plan of protectors 4 and 2 pint lubricator	- .8.20	1920	-	-	P	423	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23199	Bearing AI, BI for Wagon Axleboxes AI and BI 8In x 3¾In Journals	Full size elevations and plan	11.9.20	1920	-	-	P	266	-
23199	Bearing AI, BI for Wagon Axleboxes AI and BI 8In x 3¾In Journals	Full size elevations and plan	11.9.20	1920	-	-	P	266	-
23200	Bearing Y for Wagon Axlebox Y 10In x 5In Journals	Full size elevations and plan	11.9.20	1920	-	-	P	266	-
23210	Six Wheels Coupled Tramway Engines (Class D85)-Arrangement and Details of Ashpan	3" to 1' elevations and plan of ashpan and full size details of fittings Endorsed: work to red 16.12.20	22.10.20	1920	D85	J70	P	423	
23230	Gas Reservoirs-Arrangement and Details for Filling and Connecting Reservoirs	1½" to 1' arrangement of tank ends and 6" to 1' details of components for twin reservoirs	14.10.20	1920	-	-	P	266	-
23240	Six Wheels Coupled Bogie Express Engines Class 1500-2-Part Valve Bushing for Piston Valves with Narrow Rings	Full size sectional elevations and development of steam ports on inside and outside of bushing Endorsed: addition to title 'and Super Coal Engines Class M87'	25.10.20	1920	S69	B12	P	423	
23269	Six Wheels Coupled Radial Tank Engines (Class K85)-Tank Sieve and Details	Full size sectional elevation and half plan sieve lid and securing handle and 3" to 1' section of sieve	8.12.20	1920	K85	N7	P	423	
23272	Arrangement and Details of Filling and Hydro Carbon Fittings on Travelling Gas Reservoir	1½" to 1' arrangement with full size details of brackets for Dg No 23270	- .1.21	1921	-	-	P	266	-
23278	Six Wheels Coupled Radial Tank Engines Class K85-Cast Iron Chimney Base and Hood	6" to 1' sectional elevations and plan of base Endorsed: for chimney and hood for engines class K86 see Dg No 23579 21.9.23	- .11.20	1920	K85	N7	P	422	
23285	Six Wheels Coupled Radial Tank Engines Classes L77, K85-Reversing Screw and Bracket	3" to 1' elevations and plan of bracket	8.12.20	1920	L77	N7	P	422	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23287	Six Wheels Coupled Radial Tank Engines Class K85- Chimney	6" to 1' elevation, sectional elevation and plan of chimney	18.12.20	1920	K85	N7	P	422	
23292	Six Wheels Coupled Tram Engines C53 Class- Connecting Rod	Full size sectional elevation, half plan and sectional half plan of rod and 6" to 1' elevation of complete rod Endorsed: altered 6.4.25	- .12.20	1920	C53	J70	P	422	
23312	Six Wheels Coupled Bogie Express Engines S69 Class- Cast Iron Steam Pipe Connection	Full size elevations and plan of pipe	29.12.20	1920	S69	B12	P	422	
23314	Weatherboard for Tenders Classes H14 and S23	1½" to 1' rear elevation and section of weatherboard with 3" and 6" to 1' and full size details of components Endorsed: altered 7.6.21 to add new support	- .1.21	1921	H14	-	P	422	
23334	Six Wheels Coupled Goods Engines Class F48 Class- Expansion Bracket for F48 Class Engines with Belpaire Boilers to Dg No 20771	6" to 1' elevations and plan of bracket and full size section showing fixing	- .1.21	1921	F48	J16	P	422	
23363	Six Wheels Coupled Radial Tank Engines K85 Class- 7/8" Westinghouse Steam Cock	Full size sections of cock and elevation of wheel Endorsed: altered to red 28.2.23; for K85 Class steam cock see Dg No 23149	- .2.21	1921	K85	N7	P	422	
23364	Six Wheels Coupled Goods Engines Class D81-Cast Iron Steam Pipe Connection	Full size elevations and plan of pipe connection	2.4.21	1921	D81	J20	P	422	
23365	Six Wheels Coupled Goods Engines Class D72-Cast Iron Steam Pipe Connection	Full size elevations and plan of pipe connection	9.4.21	1921	E72	J18	P	422	
23367	Six Wheels Coupled Bogie Express Engines 5'3" Dia Boiler	1½" to 1' sectional elevations and plan of boiler with 6" to 1' details of riveted joints	- .2.21	1921	S69	B12	CP	421	
23367	Six Wheels Coupled Bogie Express Engines 5'3" Dia Boiler	1½" to 1' sectional elevations and plan of boiler with 6" to 1' details of riveted joints Endorsed: undated alteration for class S69	- .2.21	1921	S69	B12	P	421	
23373	Six Wheels Coupled Goods Engines F48 Class with Belpaire Boiler to Dg No 20771 -Frame and Boiler Stay	3" to 1' elevation and plan of stay in position and full size section of fixing	- .2.21	1921	F48	J16	P	422	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23412	Six Wheels Coupled Radial Tank Engines Class K85- Rod, Pipe and Clothing, Steam Heating and Detroit 5 Sight-Feed Lubricator Details	1½", 3" and 6" to 1' and full size details of numerous components Endorsed: altered 12.21	5.4.21	1921	K85	N7	P	421	
23425	Six Wheels Coupled Bogie Express Engines- Arrangement of Tubes for 5'3" Dia Boiler	6" to 1' sectional end elevation of tubeplate and smokebox	- .4.21	1921	S56	B12	CP	421	
23431	Six Wheels Coupled Radial Tank Engines Class K85- Protection Tubes for Oil Pipes in Smokebox	1½" to 1' arrangement of right hand steam pipe connection and details of components	16.4.21	1921	K85	N7	P	421	
23460	Six Coupled Bogie Express Engines Fitted with 5'3" Dia Boiler-Expansion Bracket	6" to 1' elevation and plan of bracket and full size section showing it in place	- .5.21	1921	D56	B12	CP	421	
23510	Six Wheels Coupled Goods Engines Class Y14- Position of 5½" Regulator in Dome	6" to 1' section and elevations and sectional plan showing arrangement	- .6.21	1921	Y14	J15	CP	421	
23513	Six Wheels Coupled Goods Engines Class Y14- Arrangement and Details of 'Superior' Tube Cleaner	1½" to 1' arrangement of apparatus shown on section of engine and full size elevation and section of union Endorsed: altered 2.9.21	- .6.21	1921	Y14	J15	CP	421	
23530	Built-Up Crank Axle for Goods Engines Class Y14	3" to 1' side and end elevation	- .7.21	1921	Y14	J15	P	421	
23601	Arrangement and Details of Alterations to Brakework for Yard Crane Engines (205 Class)	1½" to 1' arrangement of brakework and 6" to 1' details of components	- .12.21	1921	204	J92	P	421	
23617	Wakefield's Patent Mechanical Lubricator No 7 Pattern 4 Feeds ½ Gallon Fitted with Separate Adjustment for Each Feed	Full size sectional elevation and plan and section of combined check and test valve Endorsed: copy of C.C. Wakefield Ltd plan No L.220, revised 12.5.19	- .5.19	1919	-	-	BP	421	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23633	1000 Class Engines-Sand Rod on LH Side of Engine to be Altered as Shown in Chain Dotted Lines and Guide to be Added	(1" to 1') elevation of rod in relation to footplating	- .12.21	1921	L77	N7	P	421	
23717	Carriage Axlebox with Chain Roller Bearings	Full size sections and elevation of bearing for journal size 6 5/16" x 4" Copy of Chain Roller Bearing Co Ltd, Stockport Dg No R495	20.4.22	1922	-	-	PL-C	209	-
23739	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Dia Boiler-Blast Pipe	6" to 1' elevation and half plan Endorsed: work to chain dotted line for engines with exhaust injector 18.4.23	15.11.22	1922	D56	D16	P	420	
23742	Motor Lorries with Shefflex Chassis (30 & 40 Cwt) Arrangement of Body	1½" to 1' arrangement of bodies 11'8" and 13'2" long	1.7.22	1922	-	-	PL-C	209	-
23744	Four Wheels Coupled Bogie Express Engine Class 1900 Type D16 5'0" Dia Boiler	1½" to 1' elevations and sections of boiler with 6" to 1' details of riveting	- .7.22	1922	D56	D16	P	420	
23744	Four Wheels Coupled Bogie Express Engine Class 1900 Type D16 5'0" Dia Boiler	1½" to 1' elevations and sections of boiler with 6" to 1' details of riveting	- .7.22	1922	D56	D16	BP	420	
23784	Six Wheels Coupled Coal Engines M87 Class (D81)-Arrangement and Details of 'Detroit' Six Sight Feed Lubricator	Full size details of components and 1½" to 1' arrangement located in cab	- .7.22	1922	D81	J20	CP	420	
23826	Four Wheels Coupled Radial Tank Engines P55 Class-Arrangement of Gear on Engine to Work Auto Train	1½" to 1' part outline side and end elevations of cab and tank and part plan of frame showing arrangement of gear	1.12.22	1922	P55	F5	P	420	
23840	Engines with 5'3" Dia Boiler-Smokebox Arrangement	3" to 1' sectional side and end elevations of boiler	25.10.22	1922	S69	B12	CP	420	3
23843	Four Wheels Coupled Bogie Express Engines D56 Class with 5'0" Dia Boiler-Cab and Splashes	1½" to 1' elevations and plan of cab and splashes with section	5.12.22	1922	D56	B12	P	420	
23846	Four Wheels Coupled Express Engines Class 1900 with 5'0" Dia. Boiler-Boiler Stays	3" to 1' elevations and plans of 7 types of stay	22.11.22	1922	D56	D15	P	420	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23898	Four Wheels Coupled Express Engines Class H88-Frame	1½" to 1' elevations and plan of main frames, footplating and valance with wheels and boiler in outline	- .2.23	1923	H88	D15	PL	420	
23908	Four Wheels Coupled Bogie Express Engines 1900 Class with 5'0" Diar. Boiler 5½" Regulator	Full size sections and elevation of regulator and valve Endorsed: altered for new work 3.10.56; boilers to Dg No 29803 D14-16, J16-19 Types 2.11.31	10.1.23	1923	H88	D15	BP	420	
23963	Engines Working on East London Railway P55 Class-Arrangement and Details of Alterations to Trip Cock Gear	6" to 1' and full size details of components	13.2.23	1923	P55	F5	P	420	
23963	Engines Working on East London Railway P55 Class-Arrangement and Details of Further Alterations to Trip Cock Gear	6" to 1' and full size details of components	- .6.23	1923	P55	F5	P	420	
Att									
23995	Guard Conductor Trains-Arrangement of Side Steps	1½" & 3" to 1' elevations and plan showing retractable steps Endorsed: this drawing to supersede Dg No 23803	14.3.23	1923	-	-	CP	266	-
24048	Arrangement of Gangway for Guard Conductor Vehicles	3" to 1' arrangement of covered gangway between vehicles with use of iron step plates Endorsed: for details see Dg No 24049	- .4.23	1923	-	-	CP	265	-
24136	Carriage Axlebox F1	Full size elevations, sections and plan of 9" x 4" journal	4.10.23	1923	-	-	P	265	-
24179	Banana Van-Arrangement of Ventilator	3" to 1' elevations, section and plan of pair of vents in end of van	- .9.23	1923	-	85W	CP	265	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24211	Arrangement of Travelling Gas Reservoirs on Carriage Underframe	1" to 1' general arrangement of twin reservoir wagon on 26'5" underframe	-	1923	-	-	P	266	-
24212	Gas Reservoirs-Details of Ironwork and Platework	1½" & 3" to 1' details of components Endorsed: for Dg No 23211	30.9.20	1920	-	-	P	266	-
24214	Two Fold Vestibule Diaphragm	1½" to 1' elevation and full size section of folds Copy of Doncaster Dg No 3235N dated 9.7.20	17.3.24	1924	-	-	BP	266	-
24216	Coupler Release Spring	Full size details of spring Copy of Doncaster Dg No 3507N dated 16.6.21	17.3.24	1924	-	-	BP	266	-
24217	Helical Spring	3" to 1' details of 1'2" spring Copy of Doncaster Dg No 1296N dated 7.2.11	17.3.24	1924	-	-	BP	266	-
24219	Drawbar Hook for Buckeye Automatic Coupler	Full size elevations and plan Copy of Doncaster Dg No 1970 dated 30.1.14	24.1.24	1924	-	-	BP	266	-
24221	Details for Automatic Coupler and Vestibule	3" & 6" to 1' and full size elevations and plans shown on composite drawing comprising: 1. Headstock Bracket 2. Carrying Iron R & L 3. Buffer Stem Bracket L.H. 4. Buffer Stem Bracket R.H. 5. Vestibule Buffer 6. Diaphragm Faceplate 7. Piston Rod Bushing 8. Piston Rod Socket 9. Post Sockets Copy of Doncaster Dg No 3261N dated 19.10.20	- .3.23	1923	-	-	BP	265	-
24222	Details for Automatic Coupler and Vestibule	3" & 6" to 1' and full size details of 30 components Copy of Doncaster Dg No 3287N dated 12.11.20	17.3.24	1924	-	-	BP	265	-
24224	Automatic Carriage Coupler Details	Full size details of 4 components Copy of Doncaster Dg No 3257N undated	17.3.24	1924	-	-	BP	265	-
24277	Bearing for Carriage Axlebox F1	Full size elevations, sections and plan	7.11.23	1923	-	-	P	266	-
24410	12 Tons High Sided Wagon 17Ft 6Ins by 8Ft 0Ins Wide	1½" to 1' general arrangement of 6 plank open wagon 3'5" deep Copy of Doncaster Dg No 3476N dated 10.6.21	29.1.24	1924	-	-	BP	266	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24423	Four Wheeled Carriage Bogie with Pressed Steel Frame, Outside Solebars and Compound Bolsters 8Ft 6Ins Wheelbase to Carry 12 Tons on Pivot	3" to 1' elevations, sections and plan of bogie Copy of Doncaster Dg No - dated 19.7.11	11.5.25	1925	-	-	BP	265	-
24533	Details of Standard Electric Light Coupler	Full size copies of Dg Nos 198, 199 & 200 and written specification issued by RCH 12.26 showing details of components My comment: four lithographed pages mounted onto cartridge paper	- .12.26	1926	-	-	-	248	-
24583	Details for Standard 57Ft 0Ins Steel Underframe	3" to 1' details of components Endorsed: copy of Doncaster Dg No 1528 dated 1.3.12	1.9.24	1924	-	-	BP-L	248	-
24596	Ambulance Box for Luggage Vans and Carriage Brakes	6" to 1' elevations and plan of box and schedule of contents superseded by Dg No 25932 13.2.26	17.9.23	1923	-	-	BP-M	451	2
24600	Brass Rack for Soiled Towels	Full size elevations and plan of brass rack Copy of Doncaster Dg No 2464A.N	15.10.25	1925	-	-	BP-L	451	2
24604-5	Valve Spindle Bush	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV25	-	1927	-	-	BP-C	382	
24731	Side Control Spring	Full size details of 4¾" spring Copy of Doncaster Dg No 1372 dated 21.6.11	24.1.24	1924	-	-	BP	266	-
24732	Carriage Buffer for Steel Underframes Vestibule Stock	6" to 1' elevations with full size details Copy of Doncaster Dg No 4294 revised 15.1.24	24.1.24	1924	-	-	BP	266	-
24733	Carriage Buffer Spring	6" to 1' arrangement of spring Copy of Doncaster Dg No 4334 dated 28.5.23	24.1.24	1924	-	-	BP	266	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24736	Buffer Stem Spring for Pullman Vestibule	3" to 1' details of 1'8" long spring Copy of Doncaster Dg No 3698N dated 22.12.21	17.3.24	1924	-	-	BP	266	-
24737	Front Follower Plate Cast Steel (for Buckeye Drawgear with Spencer's I.R. Springs No 663)	6" to 1' elevations and plan Copy of Doncaster Dg No 4270N dated 18.4.23	17.3.24	1924	-	-	BP	266	-
24738	Back Follower Plate Cast Steel (for Buckeye Drawgear with Spencer's I.R. Springs No 663)	6" to 1' elevations and plan Copy of Doncaster Dg No 4271N dated 18.4.23	17.3.24	1924	-	-	BP	266	-
24740	Details and List of Articles for Buckeye Draw Gear with Spencer's I.R. Springs No 663	3" to 1' details of components and list of quantities required Copy of Doncaster Dg No 4292N dated 23.4.23	17.3.24	1924	-	-	BP	266	-
24741	Carriage Buffer for Steel Underframes Vestibule Stock	6" to 1' elevations and plan of buffer in relation to framing	24.1.24	1924	-	-	BP	265	-
24742	Vestibule Piston Rod Guide Bracket (Malleable Cast Iron) R & L	Full size details of components Copy of Doncaster Dg No 3217N revised 25.5.26	26.5.26	1926	-	-	BP	265	-
24743	Standard Arrangement of Buckeye Buffing and Drawgear for 60Ft 0Ins Steel Carriage Underframes	3" to 1' elevations, sections and plan of gear Copy of Doncaster Dg No 4390N dated 29.6.25	7.11.25	1925	-	-	BP	265	-
24743	Standard Arrangement of Buckeye Buffing and Drawgear for 60Ft 0Ins Steel Carriage Underframes	3" to 1' elevations, sections and plan of gear Copy of Doncaster Dg No 4390N dated 29.6.25	7.11.25	1925	-	-	BP	265	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24744	Carriage Buffer Plunger C.S.	Full size section and plan of 1'5/4" plunger Copy of Doncaster Dg No 4283N	20.4.23	1923					
	Carriage Buffer Socket C.S.	6" to 1' section and elevation Copy of Doncaster Dg No 4284N	21.4.23	1923					
	Carriage Buffer Rod Guide C.S. Right and Left Hand	6" to 1' elevations, sections and plan of left hand guide Copy of Doncaster Dg No 4285N	23.4.23	1923	-	-	BP	265	-
	Carriage Buffer Washer (Front) C.S.	Full size elevation and section Copy of Doncaster Dg No 4286N	23.4.23	1923					
	Carriage Buffer Washer (Back) C.S.	Full size elevation and section Copy of Doncaster Dg No 4287N	23.4.23	1923					
24785	Details Required for Pullman Vestibule and Buckeye Coupler	3" to 1' details of components Copy of Doncaster Dg No 4319N revised 25.5.26	26.5.26	1926	-	-	BP	266	-
24813	Transformation du wagon anglais convert de 20T a guerite (chassis en fee) eu vue sou admission sur les chemins de fer anglais. Ensembles du wagon, avant et apres transformation	1 to 20 scale general arrangement of 25' covered van, 13'3" wheelbase, before and after modification. My comment: Belgian State Railways plan.	15.9.24	1924	-	-	BP	266	-
24879	Sections of Van for Standard Carriage 9Ft Wide	3" to 1' sections of body and doors Copy of Darlington Dg No 12059D	26.3.24	1924	-	-	BP	265	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24880	Arrangement of Doors for Standard Carriage 8Ft 9Ins Over Doors	3" to 1' elevations and section of door with full size details Copy of Doncaster Dg No 12077D	28.3.24	1924	-	-	BP	265	-
24881	Sections and Guards Door for Standard Vans 8Ft 6¾Ins Wide	3" to 1' sections of body and doors and elevation of door Copy of Darlington Dg No 12096D	28.3.24	1924	-	-	BP	265	-
24882	Sections and Pillars for Standard Carriages 8Ft 9Ins Wide	3" to 1' sections of body and panels Copy of Darlington Dg No 12075D	28.3.24	1924	-	-	BP	265	-
24883	Sections and Pillars for Standard Carriages 9Ft 0Ins Wide	3" to 1' sections of body, doors and panels	28.3.24	1924	-	-	BP	265	-
24992	Wagon Label Clip-Parker's Type	Full size elevations and plan of clip Copy of Cowlairs Dg No B2253 dated 13.5.24	15.9.24	1924	-	-	BP	266	-
25111	Details of Brass Work for Suburban Quadruple Carriages	Full size details of 17 components, including door hinges, garnish rail plates, drop light channel and recess plates Copy of Doncaster Dg No 3256N, a composite of 17 separate Doncaster drawings	4.3.31	1931	-	-	BP	403	-
25152	8Ft 0Ins Wheelbase Bogie 10" x 5" Journals 6'6" Centres	3" to 1' elevations, sections and half plan of bogie for outer articulated and twin carriages Copy of Doncaster Dg No 4844N	10.7.24	1924	-	-	BP	403	-
25191	Hair Mat	Full size plan of mat 2'6" wide marked LNER with schedule of dimensions for various sizes Endorsed: altered 10.10.30 Copy of Doncaster Dg No 4192N	3.12.23	1923	-	-	BP	451	2
25201	Standard Carriages-Double Acting Ventilator Light Under Cant Rail	Full size elevations, section and plan and details of components Copy of Darlington Dg No 12260D	7.11.24	1924	-	-	BP-M	451	2
25202	Diagram of Wiring and fuses for First Class	Unscaled arrangement of wiring Copy of Doncaster Dg No 4982N	9.10.24	1924	-	-	BP-M	451	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25202	Restaurant Car	Endorsed: for general arrangement see Dg No 4773N	7.10.24	1924	-	-	BP-M	451	2
25203	Wiring Diagram for First Class Non-Vestibule Gen Drg 12213D	¾" to 1' interior plan and plan of underframe showing position of lighting, accumulators, etc. and full size details of cornice Endorsed: copy of Dg No 12251D	7.11.24	1924	-	-	BP	213	-
25301	Arrangement of Cab for AEC 4 Ton Motor Lorry	1½" to 1' elevations and plan of cab shown on outline of chassis for lorries built previous to 31.12.25; for those after see tracing same number dated 18.12.25	1.12.24	1924	-	-	P	403	-
25318	Details of Drilling for Steel Underframe 55Ft 5 ¼" over Headstocks	1", 1 ½" and 3" to 1' details of various components Copy of Doncaster Dg No 3309N	23.11.20	1920	-	-	BP-m	451	2
25319	New Drilling and Details Required for Steel Underframes with Electric Light Instead of gas Equipment Dg Nos 2572, 2887, 4010 and 4011 for Suburban Quadruple Trains	1 ½" and 3" to 1' details of components and position of holes Copy of Doncaster Dg No 4358N	15.6.27	1927	-	-	BP-M	451	2
25321	Details of Four 42Ft 10 ¾" Steel Underframes	3" to 1' details of 8 components and schedule 61 article Copy of Doncaster Dg No 1920N	20.11.13	1913	-	-	BP-C	451	2
25336	51Ft 0Ins Steel Underframe Non Vestibule	1½" to 1' elevation, plan and section of bulb angle underframe Copy of Darlington Dg No 12183D	15.10.24	1924	-	-	BP	403	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25356	Arrangement of Pipes and Details of Clips for 51Ft 0Ins Steel Underframe (Non Vestibule)	¾" to 1' outline elevation and plan of underframe with 3" to 1' details of clips and section of frame showing step boards Copy of Darlington Dg No 12316D Endorsed: altered 23.6.25	16.12.24	1924	-	-	BP	403	
25378	12 Ton Sleeper Wagon-Arrangement of Steel Underframe	1½" to 1' elevations and plan of 19'8" underframe with 10'6" wheelbase	2.4.25	1925	-	-	PL-C	383	
25378	12 Ton Sleeper Wagon-Arrangement of Steel Underframe	1½" to 1' general arrangement of 22'8" underframe	2.4.25	1925	-	-	PL-C	212	-
25440	Arrangement of Writing on Sleeper Wagons	1½" to 1' outline side elevation of 19'0" 8 plank open wagon showing writing details My note: grey body, white writing, underframe black	5.6.25	1925	-	-	P	403	
25470	12 Ton Sleeper Wagon	1½" to 1' general arrangement of 8 plank 19' 8" open wagon 10'6" wheelbase Copy of Darlington Dg No 9899D	21.11.24	1924	-	-	BP	403	
25489	Corridor Van Third on 51Ft 0Ins Underframe	3/8" to 1' elevations of 3 compartment carriage body and interior plan Endorsed: altered 24.6.25 Copy of Darlington Dg No 12284	4.3.25	1925	-	-	BP	403	
25490	Corridor Third on 51Ft 0Ins Underframe	3/8" to 1' elevations of 7 compartment carriage body with toilet and interior plan Endorsed: altered 24.6.25 Copy of Darlington Dg No 12285	4.3.25	1925	-	-	BP	403	
25502	Harwich-Zeebrugge Train Ferry Service-Diagram Showing Maximum Amounts the Diameter of Buffer Heads could be Increased on 15/20 Ton Covered Wagons	3" to 1' end elevation and plan of wagon headstock, including side chains with proposed dimensions	- 5.25	1925	-	-	CP	403	
25519	Draw Gear for Suburban Stock	3" to 1' elevation and plan of drawgear and schedule of components Copy of Doncaster Dg No 5080N	12.1.25	1925	-	-	BP-C	451	2
25550	43Ft 4½Ins Steel Underframe for outer Bodies of Articulated Carriages (Non Vestibule)	1" to 1' elevations, plan and sections of bulb angle underframe Copy of Doncaster Dg No 4011	2.1.23	1923	-	-	BP	403	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Articulated Carriages (from vestibule)	Endorsed: altered to accommodate 8'6" wheelbase bogies in place of 8'0"							
25601	General Arrangement of Lentz Valve Gear for Six Coupled Coal Engine Class D81 L&NERly	3" to 1' sectional side elevation of cylinder, pistons and firebox front Copy of Lentz Patents Ltd, London Dg No SV2A	28.5.25	1925	D81	J20	BP-C	382	
25602	General Arrangement of Lentz Valve Gear for Six Coupled Coal Engine Class D81 L&NERly	3" to 1' front sectional elevation of cylinders, valves and bottom part of firebox Copy of Lentz Patents Ltd, London Dg No SV2B	28.5.25	1925	D81	J20	BP-C	382	
25603	Lentz Valve Box for L&NER Locomotive	3" to 1' elevations, sections and plan of valve box Copy of Lentz Patents Ltd, London Dg No SV4	7.11.24	1924	-	-	BP-C	382	
25603	Lentz Valve Box for L&NER Locomotive	3" to 1' elevations, sections and plan of valve box Copy of Lentz Patents Ltd, London Dg No SV4 My note: schedule varies from previous entry	7.11.24	1924	-	-	BP-C	382	
25604 -1	Poppet Valve	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV5	24.11.27	1927	-	-	BP-C	382	
25604 -2	Valve Guide	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV2	24.11.27	1927	-	-	BP-C	382	
25604 -3	Valve Spindle Nut	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV23	24.11.27	1927	-	-	BP-C	382	
25604 -4	Adjustable Valve Spindle	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV24	24.11.27	1927	-	-	BP-C	382	
25604 -4	Valve Box-Valve Spring Cap	Full size section and elevation Copy of Lentz Patents Ltd, London Dg No SV27	21.11.24	1924	-	-	BP-C	382	
25605 -1	Valve Box-Steam Cam	Full size section and elevation Copy of Lentz Patents Ltd, London Dg No SV6	21.11.24	1924	-	-	BP-C	382	
25605 -2	Valve Box-Exhaust Cam	Full size section and elevation Copy of Lentz Patents Ltd, London Dg No SV6A	21.11.24	1924	-	-	BP-C	382	
25605 -3	Valve Box-Washer for Adjustable Vale Spindle	Full size details Copy of Lentz Patents Ltd, London Dg No SV26	21.11.24	1924	-	-	BP-C	382	
25606	Valve Cover	Full size section and elevation	15.11.24	1924	-	-	BP-C	382	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25606	Valve Cover	Copy of Lentz Patents Ltd, London Dg No SV7	5.11.24	1924	-	-	BP-C	382	
25607	Valve Box-Cam Space Cover	Full size sectional and end elevation Copy of Lentz Patents Ltd, London Dg No SV9	5.11.24	1924	-	-	BP-C	382	
25608	Valve Box-Outside Cam Shaft Bush	Full size sectional elevation and end elevation Copy of Lentz Patents Ltd, London Dg No SV10	5.11.24	1924	-	-	BP-C	382	
25609	Valve Box-Rocking Lever	Full size elevation and section of lever Copy of Lentz Patents Ltd, London Dg No SV17	4.11.24	1924	-	-	BP-C	382	
25610	Vale Box-Cam Shaft	Full size elevations Copy of Lentz Patents Ltd, London Dg No SV18	1.11.24	1924	-	-	BP-C	382	
25891	Cylinders with Lentz Valves Six Coupled Bogie Express Engine 1500 Class	3" to 1' elevations and sections of cylinders Copy of Lentz Patents Ltd, London Dg No SV95B Sheet 2 Endorsed: see also Dg No 25890	26.11.25	1925	-	B12	BP-C	382	
26483	0-6-2 Tank Engines N7 Type 1926 Cab Window (Hind)	3" to 1' rear elevation of cab and full size details of fittings Endorsed: copy of Dg No 15183C dated 7.7.26	- 8.26	1926	-	N7	BP-L	247	-
26513	Steam Heating Apparatus-Standard Carriages	3" to 1' arrangement of apparatus in compartment and 6" to 1' details of operating gear Copy of Darlington Dg No 12756	30.7.26	1926	-	-	BP	403	3
26526	Sectional Arrangement of Brake Compartment for Suburban Quadruple Carriages	1½" to 1' sections of compartment and fittings Copy of Doncaster Dg No 5178N	4.5.25	1925	-	-	BP	403	
26566	GE Section Wood Centre Wheel Arranged to Suit Standard Axle with 8" x 4" Journals	Full size section of axle and part of wheel	1.10.26	1926	-	-	BP	403	
26573	19Ft 3Ins Horsebox-Sections	1½" to 1' longitudinal and end sectional views of body and interior plan Copy of Darlington Dg No 1169D Endorsed: for elevations see Dg No 11168D	20.10.24	1924	-	-	BP	403	
26625	Pipe and Rod Arrangement-End Views	1½" to 1' front and rear elevations of engine Endorsed: copy of Darlington Dg No 9758 dated 16.4.21 for class P3 superheated J27; work to black for 12 engines sent to Southern Area 4.10.26	3.1.27	1927	-	J27	BP-L	247	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27107	Standard Wheel and Axle for 12 Tons High Sided Wagon	3" to 1' sectional elevation of 8 spoke wheel and complete wheel set with full size section of tyre Copy of Doncaster Dg No 3106N 14.12.19	- .12.19	1919	-	-	BL	451	2
27111	12 Tons Wagon Axle Box for use with Armstrong Oiler	Full size sections and part elevation of bottom part of axlebox for journal size 9" x 4 1/4" Endorsed: altered 29.1.32 Copy of Doncaster Dg No 5445N 22.1.26	- .1.26	1926	-	-	BL	451	2
27874	4-6-0 Engines Type B12-Rod, Pipe and Clothing, Injector Gear, Steam Heating and Sanding Arrangements	1 1/2" to 1' side and end elevations of engine and plan and section of framing	30.6.28	1928	-	B12	P	312	-
29034	GE Section Wagons to be Fitted with Morton Brake 15Ft and 17Ft Open, 16Ft 11In and 19Ft 3Ins Covered, 18Ft 7Ins and 19Ft 3Ins Cattle Wagons- Arrangement of Brake Block Hanger Brackets and Details of Brakework	1 1/2" and 3" to 1' details of 13 components	- .10.29	1929	-	-	BP	403	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29957	Cast Steel Axlebox for Standard 12 Ton Axle Journals 9" x 4 1/4"	Full size elevations, sections and plan of axlebox	2.5.31	1931	-	-	BP	403	
33971	Mouldings	1 1/2" to 1' details of strips and mouldings to secure boiler sheeting on 2-6-4T Nos 111-116 Copy of Sir W.G. Armstrong, Whitworth & Co Dg No 9443D/ Metropolitan Dg No 23674	-	-	-	L2	BP	451	3
34018	Boiler Seating	Full size sections and elevations of seating for 2-6-4T No 111-116 Copy of Sir W.G. Armstrong, Whitworth & Co Dg No 9427D/ Metropolitan Rly Dg No23651	-	-	-	L2	BP	451	3
40853	Ordnance Survey Sheet London 4.91	Scale 1/1056 Temple mills sidings and wagon repair shed My note: the LCC revised this sheet in 1938 but the railway detail is as published in 1896	31.1.38	1938	-	-	P	431	-
13504	17 Tons Goods Brakes-Brake Hangers on the 1st 20 Built-Suggested Alteration as these Vehicles come into Shops	(1 1/2" to 1') elevations of rigging on left hand pair of wheels	20.5.03	1903	-	2W	PB	313	-
13512	Untitled	(3/4" to 1') outline side elevation of a D56 engine with a liquid fuel tank fitted	29.5.03	1903	D56	D15		362	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13515	20 Tons Goods Brake Class H56 Six Wheeled	1½" to 1' side and end elevations and plan of 17'6" body Endorsed: altered for class U57 8.9.04, altered to black to 22.6.07	9.10.03	1903	H56	49W	PB	313	-
13516	Details of Framing for 20 Tons Goods Brakes H56 Class	1½" and 3" to 1' details of framing members Endorsed: altered for U57 and future classes 7.9.04, altered 29.8.05	19.10.03	1903	H56	49W	PB	313	-
13517	20 Tons Goods Brake-Ironwork Details	3" to 1' details of ironwork Endorsed: altered for U56 and future classes 7.9.04, altered 16.10.07; see Dg No 14360 for F59 and future classes 30.8.05	- .11.03	1903	H56	49W	PB	313	-
13518	Details of Brakework for 20 Tons Goods Brake Class H56	3" to 1' details of brakework Endorsed: superseded by Dg No 16442 for 4 wheeled brakes; numerous alterations	- .9.03	1903	H56	49W	PB	313	-
13519	Cast Iron Weights for 20 Tons Goods Brakes H56 Class	3" to 1' elevations and plans of 4 weights Endorsed: altered for U57; altered 20.7.05 for F59 and future classes	10.7.03	1903	H56	49W	PB	313	-
13520	Bearing Spring for 20 Ton Goods Brake H56 Class	Full size elevations and plan of 8 plate spring 4'0" centres unloaded Endorsed: for bearing spring for 4 wheeled 20 tons goods brakes see Dg No 16440 27.5.08; several alterations	5.6.03	1903	H56	49W	PB	313	-
13521	Buffing Spring for 20 Ton Goods Brake H56 Class (and 4 Wheeled 20 Ton Goods Brake C65 Class)	Full size elevations and plan of 10 plate spring 5'0" centres unloaded Endorsed: altered 27.5.08 and 7.10.08	12.6.03	1903	H56 C65	49W 56W	PB	313	-
13523	Six Wheels Coupled Tram Engines Class C53-Firehole Door	6" to 1' elevations and section of firehole door Endorsed: new protector ring added 14.3.04; see shop copy	- .6.03	1903	C53	J70	CP	361	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13524 Ren	Six Wheels Coupled Tram Engines Class C53, J70 Type-Details of Cylinder Cock Gear	6" to 1' and full size details of numerous components	- .3.33	1933	C53	J70	P	361	
13526	Six Wheels Coupled Tram Engines C53-Blower and Condensing Gear	Full size details of components	- .7.02	1902	C53	J70	CP	361	4
13527 Att	Six Wheels Coupled Tram Engines Class I67-Sand Box for Trailing Wheels	6" to 1' elevations and plan of sandbox	- .1.10	1910	I67	J70	CP	361	
13528	Six Wheels Coupled Tram Engines Class C53-Rod, Pipe and Clothing Details	6" to 1' an full size details of components Endorsed: altered 13.7.08; for steam cocks see Dg No I6916	- .6.03	1903	C53	J70	CI	362	
13529	Six Wheels Coupled Tram Engines Class C53-General Arrangement	1½" to 1' elevations and plan of 0-6-0 tram engine	- .6.03	1903	C53	J70	PB	362	
13530 Ren	Water Pick Up Tenders Class T19-Arrangement and Details of Scoop and Air Cylinder	3" to 1' arrangement of scoop shown in relation to trough and 6" to 1' details of components My note: a clearance of 1¾" between scoop and bottom of steel trough	8.9.08	1908	T19	D13	P	362	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3532	Arrangement of Lagging for Cylinders-Six Wheels Coupled Tram Engines Class C53	3" to 1' elevations and plan of 'mica' lagging	3.7.03	1903	C53	J70	CP	362	
I 3533	Governing Gear-Details C53	6" to 1' arrangement of indicator and full size details of components	- .7.03	1903	C53	J70	CP	362	
Att									
I 3536	Details of Door Balancing Gear for 20 Tons Coal Wagon G56 Class	Full size details of components	16.6.03	1903	G56	46W	PB	313	-
I 3540	Light One Horse Trolley D&P6861	1½" to 1' general arrangement of trolley 9'4" body with cover	7.7.03	1903	D&P 6861	-	PB	313	-
I 3541	Ironwork Details for Light One Horse Lorry D&P6861	3" to 1' details of components Endorsed: altered 15.9.06 and 4.4.07	30.6.03	1903	D&P 6861	-	PB	313	-
I 3548	D14 to 16 Trailing and B12 Intermediate Axlebox and D14 to 16 Hornblock	6" to 1' elevations and plans of components Endorsed: altered 19.4.55 and 13.6.55	6.3.36	1936	-	D14 D15 D16 B12		362	
Ren									
I 3549	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox-Clothing Arrangement	1½" to 1' elevations, plan and cross section of firebox showing clothing Endorsed: altered 17.9.03, 1.1.04, 4.2.04, 6.11.07 and 3.6.08	10.7.03	1903	T19	-	PB	362	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13552	Foundation Ring Class J17	3" to 1' arrangement of foundation ring and full size details of riveting	- .4.55	1955	-	J17	P	362	
Ren									
13553	Four Wheels Coupled Bogie Express Engines Class D56-Cab and Splashes	1½" to 1' elevations and half plan of cab and splashes Endorsed: altered 28.9.06 My note: badly damaged, details obtained from photo tracing	- .9.03	1903	D56	D15	PB	362	4
13553	Four Wheels Coupled Bogie Express Engines Class D56-Cab and -Splashes	1½" to 1' elevations and half plan of cab and splashes	15.9.03	1903	D56	D15	PB	362	
13560	Arrangement of Third Class Bogie Saloon D57 Class	¾" to 1' side elevation, end and sectional end elevation and plan of 48'3" body Endorsed: fitted with dual brake	- .8.03	1903	D57	22C	PB	313	-
13561	General Arrangement of High Sided Wagon with Top Doors 15Ft Steel Underframe	1½" to 1' general arrangement of 15' wagon, 4'0½" deep body with 7 planks Endorsed: half of total number of existing wagons of this type will in future be fitted with brake of ordinary type each side and other half of existing wagons will be fitted with coalition type of brake 15.4.15. For details of coalition type see Dg No 20060 My comment: drawing shows initials GE on sheeting	6.10.03	1903	-	48W	PB	313	-
13562	Ironwork Details for High Sided Goods Wagon (10 Tons) R56	3" to 1' details of 16 components and 11 types of bolt Endorsed: for other ironwork details see Dg No 8357; for general arrangement see Dg No 13561; altered 1.11.05	1.9.03	1903	R56	48W	PB-C	313	-
13565	Four Wheels Coupled Express Engines Class D56, F72 G58 and T19 Belaire-Expansion Bracket	Full size details of riveting and 6" to 1' elevation and plan of bracket Endorsed: altered 8.12.03 and 11.6.04	- .9.03	1903	T19 D56	D13 D15	CI	362	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	EG72, G58 and 117 Belpaire Expansion Bracket				EG72 G58	J18 J17			
13569	Four Wheels Coupled Express Engines Class D56 Fitted with Belpaire Firebox-Cab Front Windows	3" to 1' pencil elevations and section of window with link details	- .9.03	1903	D56	D15	CI	362	4
13575	20 Tons Goods Brake Class H56-Release Spring	Full size elevation of spiral spring	15.9.03	1903	H56	49VV	PB	313	-
13578	Conversion of Covered Goods Wagon to Suit Fruit Traffic	1 1/2" to 1' general arrangement of 16'1" covered goods wagon showing removable interior shelves and side vent in place of second plank Endorsed: drawing originally No 7923B, altered to Dg No 13578 12.6.06 My comment: proposal probably not carried out	- .8.03	1903	-	-	PB	313	-
13579	Four Wheels Coupled Bogie Express Engines Class D56-Brake Arrangement	1 1/2" to 1' arrangement of brake and controls in relation to elevations and plan of engine	31.1.16	1916	D56	D15	P	362	
Ren									
13581	Six Wheel Coupled Tank Engines R24 Class-Arrangement of Firebox Roof	3" to 1' elevations, sections and plan of firebox roof and staying Endorsed: numerous alterations My comment: drawing badly damaged, some details from Shannon	- .9.03	1903	R24	J67	PB	362	4
13581	Six Wheels Coupled Tank Engines Class S56-Arrangement and Details of Firebox Roof SAYS	3" to 1' arrangement shown on sectional elevations and full size details of stays Endorsed: altered 12.10.08	- .1.04	1904	S56	J69		362	
Att									
13582	Six Wheels Coupled Tank Engines Class S56-Firebox Roof Stays, Etc	Full size details of 5 types of stay Endorsed: reference to S56 deleted see Dg No 13581 Attachment for S56, current drawing for boilers to LM's 3521 & 3522 21.10.03	- .9.03	1903	S56	J69	CI	362	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13582 Part	Crown Stay Hangers	Full size elevations and plans of two types of hanger	- .9.03	1903	S56	J69	CI-C	362	
13583	Alteration to Officers Saloon No 48	¾" to 1' part side elevation and plan of 48'3" bogie underframe showing the addition of a new central section 16'5¾" long spliced into original saloon divided into two parts 14'4 7/8" and 16' 3 5/8" long Endorsed: for original saloon see Dg No 11323	- .9.03	1903	-	7C	PB	313	-
13609	No 10 Injector (Brass) S.A. Fig 2	Full size elevations and plan of injector, left hand fitted with No 9 cones, right hand fitted with No 10 cones Copy of Gresham & Craven Ltd plan No 5577.03 dated 9.03	30.9.03	1903	-	-	P	362	
13613	Third Class Carriage of Dining Train Nos 470, 471 & 472 C55	¾" to 1' general arrangement of 55' bogie clerestory carriage body and half plan of underframe	- .9.04	1904	C55	414C	PB	410	
13615	Arrangement of Brakework for Kelvedon & Tiptree Trams	1" to 1' sectional side elevation and plan of frame showing brakework and 3" to 1' details of components	28.10.03	1903	-	605C 606C	PB	410	
13619	D56 Boilers-Elbow for Vacuum Steam Cock	Full size elevations and plan of elbow	4.10.03	1903	D56	D15	CP	362	
13623X	Alteration to Six Wheeled Bogie Suburban Carriages	1½" to 1' elevations and plan of pulley wheel on axle and 3" to 1' details of truss rods and fittings	4.10.03	1903	-	-	CLC	410	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
136238	to Suit New Electric Light Fittings	Endorsed: this sketch to be returned to the drawing office	7.10.03	1903	-	-	CI-C	410	
13647	Four Wheels Coupled Bogie Express Engines Class D56-Steam Valve, Cock and Bracket for Steam Sanding Gear	Full size elevations and plan of components	7.12.03	1903	D56	D15	PB-C	361	
13650	Diagram of No 8 Right Hand Injector	Full size outline elevation and plan	-	1903	-	-	P	361	
13651	Four Wheels Coupled Bogie Express Engines Class D56-Motion Arrangement 1.	3" to 1' elevations and plan of motion in relation to engine framing	7.11.03	1903	D56	D15	PB	361	3
13652	Six Wheels Coupled Condensing Tank Engines Class S56-Cab and Tanks	1½" to 1' arrangement of cab and tanks Endorsed: altered 29.4.04 and 23.6.08 My note: very poor condition	7.11.03	1903	S56	J69	PB	361	3
13659	Arrangement of First Class Carriage Centre Corridor for Continental Train Class T56	¾" to 1' general arrangement of 50' bogie clerestory carriage body with round topped doors and half plan of frame	7.11.03	1903	T56	117C	PB	410	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13660	Arrangement of First and Second Class Carriages Side Corridor for Continental Train U56 & A57	¾" to 1' general arrangement of 48'3" bogie clerestory carriage body with round topped doors with half plan of frame	2.12.03	1903	U56	118C	PB	410	
					A57	311C			
13661	Arrangement of Second Class Carriage with Centre Corridor for Continental Train X56	¾" to 1' general arrangement of 48'3" bogie clerestory carriage body with round topped doors and half plan of frame	25.11.03	1903	X56	310C	PB	410	
13662	Arrangement of Composite Kitchen Car for Continental Train B57 Class	¾" to 1' general arrangement of 50' bogie clerestory carriage body and round topped doors and half plan of underframe	12.5.08	1908	B57	3C	P-C	410	
13663	Brake Second Class Carriage for Continental Train Class E57	1" to 1' general arrangement of 32' 6 wheel body with flat elliptical and round topped doors	23.11.03	1903	E57	524C	PB	410	
13664	Continental Train-Underframe for Kitchen Car B57, First Class Carriage T56	1½" to 1' half side and end elevations, sections and half plan of underframe showing details of gas reservoirs and brake cylinder	12.2.04	1904	B57	3C	PB	410	
					T56	117C			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3665	Standard Four Wheeled Bogie for Carriages	1½" to 1' side and end elevation, section and plan of 8' wheelbase bogie length 12'7"	- .12.03	1903	-	-	CP	410	
I 3665	Standard Four Wheeled Bogie for Carriages for T, U & X56, A & B57 and Future Classes except H57	1½" to 1' side and end elevation, section and plan of 8' wheelbase bogie length 12'7" Endorsed: for new bolsters see Dg No 15038 for G62 and future classes 27.10.06; for G62 and future classes see Dg No 16024	- .2.04	1904	-	-	PB	410	
I 3667	Brake Van for Continental Train Class C57	1" to 1' general arrangement of 32' 6 wheel body with flat elliptical roof Endorsed: undated alteration to luggage compartment door handles	3.12.03	1903	C57	523C	PB	410	
I 3673	Valve Spindle T18 Class and Renewals E10 and X10, G75	Full size elevation and plan of spindle Endorsed: specification amended 16.7.21	- .12.03	1903	T18 E10 G75	J66 - J68	CI-C	361	
I 3675	Six Wheels Coupled Tank Engines Class T18, G75 and Renewals E10, R10 and X10-Back Cylinder Cover for Piston Rods with Enlarged Ends	Full size elevations and plan Endorsed: studs altered, undated, altered 18.1.04	- .12.03	1903	T18 G75 E10	J66 J68 -	CI	361	
I 3678	Main Line Tank Engines-Arrangement of Outside Leading and Trailing Axlebox C32	Full size elevations, sections and plan of axleboxes My comment: title originally read: Outside Leading Axlebox for Express Engines Fitted with Controlling Gear Classes T19, L37, D27 Endorsed: altered 22.4.04 and 10.7.06	- .12.03	1903	C32	F3	PB-C	362	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3679	Side Bearing Spring Kelvedon & Tiptree Tramcars	3" to 1' elevation, plan and section of 7 plate spring 4'9" centres	15.12.03	1903	-	605C 606C	CI-C	410	
I 3686	Four Coupled Bogie Express Engines Class D56-Boiler with Belpaire Firebox	1½" to 1' arrangement of boiler with elevations, sections and plans and full size details of riveting Endorsed: altered 28.4.07 My comment: drawing badly damaged and ink stained, part of title lacking	-	1903	D56	D15	PB	361	
I 3686 Att	Alterations to Vacuum Brake Arrangement for Engines Fitted with Superheaters T19 Belpaire Class	1½" to 1' arrangement shown in relation to outline of part of engine and 3" and 6" to 1' details Endorsed: altered for class G69 6.11.16	3.12.14	1914	T19	D13	P	361	3
I 3688	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox-Vacuum Brake Arrangement	1½" to 1' arrangement shown on outline elevations of part of engine and 3" to 1' details of brackets Endorsed: altered 7.10.04	4.1.04	1904	T19	D13	PB	361	4
I 3688 Att	Sketch of Firebox Tubeplate with Reduced Diameter Tubes Ends-5 Belpaire Boilers to be fitted with this method	3" to 1' half elevation of tube plate and full size section showing tube ends	2.8.06	1906	T19	D13	CI-C	362	
I 3688 Att	Back Plate of Belpaire Boiler Showing Altered Position of Firehole and Stays	1½" to 1' half elevation of back plate Endorsed: stays added to chain dots for boilers without LF (liquid fuel)	- .11.07	1907	T19	D13	P	362	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13688 Att	Alteration to D56 Boilers for S46 Class Engines	1½" to 1' part side and end elevation of firebox	2.2.15	1915	S46	D14	P	362	
13690	Details of Ironwork and Accumulator Boxes for Electric Light, Etc of Officers Saloon	3" to 1' elevations and plan of accumulator box and 6" to 1' details of fittings and brackets Endorsed: altered 30.10.05 for class P59 composites; 15.2.06 for 50' carriages classes E, F & G60	14.1.04	1904	F57	23C	PB	410	
13692	Four Wheels Coupled Tank Engines Class P55- Arrangement of Motion	3" to 1' elevations and plan of motion in relation to engine framing	13.2.04	1904	P55	F5	PB	361	3
13696	Arrangement and Details of Hoops for Large One Horse Van	1" to 1' outline elevation and plan of 4 wheeled van showing arrangement of hoops and 3" to 1' details of brackets Endorsed: altered 29.10.07 for D&P9037 stock	- .1.04	1904	-	-	CI-C	410	
13697	Built Up Crank Axle for Goods Engines Class Y14	3" to 1' elevations of crank axle Endorsed: altered 27.5.12; superseded by Dg No 25443	- .1.04	1904	Y14	J15	PB	362	
13699	Cast Iron Details of Four Wheeled Bogie for Carriages	6" to 1' elevations and plans of several components Endorsed: altered 2.11.04, 16.9.09 and 20.10.09; cancelled see later drawing same number 2.7.14	4.2.04	1904	-	-	P	410	
13699	Cast Iron Details of Four Wheeled Bogie for Carriages	6" to 1' elevations and plans of several components Endorsed: altered 2.7.14 and 20.10.18	7.8.12	1912	-	-	P	410	
13700	Arrangement and Details of Bottom Stepboards on Officers Saloon	¾" to 1' part plan of underframe, 3" to 1' arrangement of accumulator box and full size details of brackets and fittings	21.1.04	1904	F57	23C	PB	410	
13701	Standard Bogie Bolster Bearing Springs	Full size details of 2 springs Endorsed: traced from Timmis Dg No T2619	25.1.04	1904	-	-		254	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13704	Four Wheels Coupled Shunting Engines Classes G40, R55, 209-Metallic Packing for Piston Rods and Valve Spindles	Full size arrangement and details of components Endorsed: altered 2.3.04 & 17.3.04	- .1.04	1904	G40	Y5	PB	285	-
13707	Six Wheeled Coupled Tank Engines Class S56 & LM's 3521 & 3522-Boiler Working Pressure 180LBs per Sq In	3" to 1' elevations and sections of boiler with full size details of riveting Endorsed: altered 27.9.06, 25.6.07 & 4.10.22	20.2.04	1904	S56	J69	PB	285	-
13710	Six Wheels Coupled Goods Engines Class F48-Sand Box for Driving Wheels	3" to 1' elevations and plan of sand box Endorsed: altered 24.3.04 & 21.7.08; modified for class T67 and future engines; for engines fitted with dry sanding gear see Dg No 17542 18.11.10	- .2.04	1904	F48	J16	CI	286	-
13711	Splasher Footstep for T19 Belpaire Engines	3" to 1' details of step in position on engine, one only per engine	10.2.04	1904	T19	D13	PB	286	-
13712	Details of Body Ironwork for Main Line Brake Van S57	3" to 1' details of components	22.2.04	1904	S57	532C	PB	254	-
13713	Arrangement of Steam Heating and Electric Light Fittings on Underframes for 48'3" Carriages of Continental Train Classes U & X56 and A57	1½" to 1' elevations and plan of half underframe showing arrangement Endorsed: altered for bogie composites P59 and royal compos E61 30.10.05	25.3.04	1904	U56 X56 A57	118C 310C 311C	PB	254	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13714	Arrangement of Steam Heating and Electric Light Fittings on Underframes for 50Ft Carriages Continental Train Classes T56 and B57	1½" to 1' elevations and plan of part of underframe	7.3.04	1904	T56 B57	117C 2C	PB	254	-
13715	Details of Fittings for Electric Light and Steam Heating on Continental Train	3" and 6" to 1' details of fittings, battery boxes, etc. Endorsed: numerous alterations	2.3.04	1904	-	-	PB	254	-
13716	Arrangement of Steam Heating and Electric Light Fittings on Underframe for Brake Second of Continental Train also Proposed Arrangement of Electric Light Fittings for Superintendents Saloon Y59	1" to 1' elevations and plan of 31¼" channel steel underframe	24.2.04	1904	E57 Y59	524C 24C	PB	254	-
13722	Arrangement of First Class Saloon F57	¾" to 1' general arrangement of clerestory body 48'3" and half plan of underframe	27.2.04	1904	F57	23C	P-C	181	-
13722	Arrangement of First Class Saloon F57	¾" to 1' arrangement of 48'3" body with clerestory roof	27.2.04	1904	F57	23C	PB	254	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3728	Arrangement and Details of Gangway for Continental Train T, U & X56, A, B, E57 and Future Stock	3" to 1' arrangement of gangway and 6" to 1' details of components	12.4.04	1904	-	-	PB	254	-
I 3730	Six Coupled Goods F58 Class	1½" to 1' front elevation and section through boiler My comment: purpose not clear, undimensioned	-1904	1904	F48	J16	PB	285	-
I 3738	Arrangement of 10 Tons Boiler Lorry (Steel Body) D&P7174	1½" to 1' elevations and plan of lorry with 13'3" body	19.4.04	1904	D&P 7174	-	PB	254	-
I 3739	Details of Ironwork for 10 Tons Boiler Trolley	3" to 1' details of components for D&P7174	2.6.04	1904	D&P 7174	-	PB	254	-
I 3740	Springs for 10 Tons Boiler Lorry D&P7174	6" to 1' details of two sets of springs	14.4.04	1904	D&P 7174	-	PB	254	-
I 3741	Axles for 10 Tons Boiler Lorry D&P7174	6" to 1' details of front and hind axles	14.4.04	1904	D&P 7174	-	PB	254	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3742	Flexible Hosepipe for Water Pick Up Connections	Full size elevation of hose 2' over nipples	- .3.04	1904	-	-	CP	285	-
I 3743	Main Line Brake Van Class S57	1" to 1' general arrangement of 32' body Endorsed: altered for E58 class 19.7.04 (hand brake column)	- .5.04	1904	S57	532C	PB	254	-
I 3744	Steam Heating for Continental Train-Arrangement of Main, Auxiliary and Branch Pipes on Second Class Carriage X56 Class	¾" to 1' plan, elevation and sections of frame	1.4.04	1904	X56	310C	PB-C	254	-
I 3745	Steam Heating for Continental Train-Arrangement of Main, Auxiliary and Branch Piping	¾" to 1' plans and elevations of underframes for bogie stock	2.2.04	1904	-	-	PB	254	-
I 3758 Att	Four Wheels Coupled Express Engines T19 Class with Belpaire Firebox and S46 Class Bogie-Framing	1 ½" to 1' side elevation and plan of front part of framing showing proposed alterations Endorsed: not carried out	- .10.04	1904	T19 S46	D13 D14	PB	285	-
I 3758 Att 2	Four Wheels Coupled Bogie Express Engines T19 Fitted with Superheater- Alteration to Leading End of Framing for Engines without Piston Tail Rods	3" to 1' elevation and plan of section of framing	15.6.15	1915	T19	D13	P	285	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13758 Att 2	Alteration to Leading End of Framing for Engines without Piston Tail Rods-Four Wheels Coupled Bogie Express Engines T19 Fitted with Superheater	3" to 1' elevation and plan of end of frame	- .1.15	1915	T19	D13	P	285	-
13758	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox and G16 Bogie-Framing	1½" to 1' side elevations of framing and plan Endorsed: 11.11.04, 24.2.06 & 29.11.06	25.4.04	1904	T19	D13		286	-
13759	Ejector Steam Cock for Vacuum Brake	Full size elevation, sections and plan of cock Endorsed: altered 12.12.04 10.1.08 & 3.11.16; for 4-6-0 engines Type B12 see Dg No 13759-1E tracing	- .4.04	1904	-	-	CI-C	285	-
13759 -1	4-6-0 Engines Type B12-Ejector Steam Cock for Vacuum Brake	Full size elevation, plan and section of gunmetal cock Endorsed: also for J18 class	3.4.28	1928	-	B12 J18	BP	285	-
13766	Cast Iron Buffer Guide for Low Floored Milk Van	Full size sections and elevations of guide type 'P' Endorsed: altered 16.7.02 & 16.5.04	- .12.01	1901	-	-	CI-C	341	
13767	Six Wheels Coupled Tank Engines Class T18 with Condensing Tanks-Alteration to Tank Stay	Full size elevation and plan	25.4.04	1904	T18	J66	CP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3773	Step Board Brackets for Carriage Stock	6" to 1' details of 6 components for carriage stock and horse boxes Endorsed: foot step leg irons added for M76 & P79	6.5.04	1904	-	-	PB	254	-
I 3776	Arrangement of Vacuum Pipe on Open Carriage Truck	1½" to 1' part side and end elevations showing pipe	10.5.04	1904	-	-	PB-C	254	-
I 3784	Arrangement and Details of Door Fastening on Covered Goods Wagon I57 and Future Classes	3" to 1' elevations and plan of arrangement on double doors and full size details of fastening	21.5.04	1904	I57	47W	PB	254	-
I 3786	Arrangement of Indicator for Scoop on Tenders with 3,500 Gallons Capacity	1½" to 1' outline arrangement of scoop shown on outline elevations of tender and full size details of fittings	- .6.04	1904	-	-	PB	285	-
I 3787	Cast Steel Spring Scroll for 20 Tons Goods Brake Class U57	Full size elevations and plan of component for 6 wheel brake	25.5.04	1904	U57	49W	PB	254	-
I 3788	Spring for Temporary Use on Tram Engines Four Coupled	3" to 1' elevation and section of 7 plate spring 3'0" centres loaded	- .5.06	1906	G15	Y6	CP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13793	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox and G16 Bogie- Smokebox, Blast Pipe and Cylinder Cock Arrangement	3" to 1' sectional side and end elevations Endorsed: altered 19.1.09, 20.1.05, 16.2.06, 18.9.07 & 8.1.32; for other dimensions see Dg No 12846	- .6.04	1904	T19	D13	CI-C	286	-
13803	Four Wheels Coupled Bogie Express Engines T19 Belpaire with G16 Bogie- Leading Splasher	3" to 1' elevation and plan of splasher Endorsed: altered 1.3.07	- .6.04	1904	T19	D13	CI	285	-
13812	Four Wheels Coupled Express Engines Class T19 Belpaire Fitted with G16 Bogie-Cylinder Cock Details	Full size details of components Endorsed: altered 15.8.13	- .8.04	1904	T19	D13	CP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13812	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Superheater-Cylinder Cocks and Connections	Full size elevations and sections of components	- .7.13	1913	T19	D13	P	286	-
Att		Endorsed: altered 14.11.13							
13855	Water Cart D&P 7334	1½" to 1' general arrangement of 2 wheeled cart capacity 250 gallons with sprinkler at rear	4.1.05	1905	D&P 7337	-	P-C	181	-
13855	Water Cart D&P7334	1½" to 1' general arrangement of 2 wheeled cart with sprinkler	4.1.05	1905	D&P 7334	-	-	254	-
13860	Laminated Spring Buffing and Draw Gear for Carriages	1½" to 1' sectional elevations and half plans of steel frames for main line bogie and 6 wheeled carriages and suburban stock Endorsed: altered 25.11.04	27.7.04	1904	-	-	PB	254	-
13866	Details of Laminated Spring Buffing and Drawgear for Carriages	3" to 1' details of numerous components and table of numbers required for specified stock Endorsed: for 164 & 64 and future stock see Dg No 16215 9.07	16.8.04	1904	-	-	PB	254	-
13867	No 8 Automatic Restarting Injector-Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: copy of The Patent Exhaust Steam Injector Co Ltd Dg No 642	9.7.04	1904	-	-	BP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3871	Release Spring for 20 Tons Brake U57 Class	Full size detail of spring	3.8.04	1904	U57	49VV	PB	254	-
I 3877	Arrangement of Underframe for Main Line Brake Van E58	1" to 1' elevations, sections and plan of 31'4½" channel frame	5.9.04	1904	E58	532C	P	254	-
I 3881	Details of Alterations to Underframe for Bogie Compo to Suit Laminated Spring Buffing and Draw Gear	3" to 1' details of components	15.8.04	1904	-	-	PB	254	-
I 3882	Details of Alterations to Underframe for Main Line Brake Vans to Suit Laminated Spring Buffing and Draw Gear E58 Class	1½" and 3" to 1' details of components	19.8.04	1904	E58	532C	PB	254	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 3884	Wagon Oil Axle Box 'V'	Full size elevations, plan and sections for 10" x 5" journal	8.9.04	1904	-	-	PB	254	-
I 3892	Wide Suburban Second Class Carriage	1" to 1' general arrangement of 27' 5 compartment body with sections	2.9.04	1904	-	308C	PB	254	-
I 3896	Air Valve for Sanding Gear	Full size elevations and sections Endorsed in pencil: Belgian State Railways	28.8.04	1904	-	-		286	-
I 3902	Ironwork Details for One Horse Lorry	3" to 1' details of components Endorsed: holes added 12.6.06	9.9.04	1904	-	-	P-C	222	-
I 3905	Axleguard for 20 Tons Coal Wagon Fitted with 'V' Axlebox	3" to 1' elevations of guard Endorsed: ¾" bolt when fitted with McDermids brake to Dg No 13570	9.9.04	1904	-	46W	P-C	222	-
I 3907	Four Wheels Coupled Express Engines Class T19 with Belpaire Firebox and G16 Bogie-Leading Sandbox	3" to 1' elevations and plan and details of discharge pipe, full size details of lid	- .9.04	1904	T19	D13	PB	285	-
I 3908	Flexible Coupling Between Engine and Tender for Water Pick Up (for Engines Fitted with Large Tenders)	Full size elevations of plan of 1'9½" long hose	- .9.04	1904	-	-	CP	286	-
I 3909	Expansion Joint for Steam and Exhaust Pipes-Six Wheels Coupled Tram Engines Class C53	Full size sections of pipes and fittings	- .9.04	1904	C53	J70	PB	285	-
I 3917	Small One Horse Van-Ironwork Details	3" to 1' details of components Endorsed: holes added 12.6.06	18.10.04	1904	-	-	P-C	222	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13930	Four Wheels Coupled Tank Engines D58 Class- Bracket for Sight Feed Lubricator	Full size elevations and plan of bracket	- .10.04	1904	D58	F5	CP	285	-
13943	Wheels and Axles for 20 Tons Boiler Trolley and 10 Tons Trailer D&P 7407	3" to 1' elevations and sections of 2'5" and 3'4" diameter wheels and axle details Endorsed: cotter hole altered 3.3.05	11.11.04	1904	D&P 7407	-	P-C	222	-
13945	Six Wheels Coupled Goods Engines Class L52 Nos 1170 to 1209-Flange Plate for Supporting Reversing Screw Bracket	3" to 1' elevations and plan	- .10.04	1904	L52	J16	CP	286	-
13948	Wagon Buffers for Steel Underframes	(3" to 1') elevation of buffer and spindle My note: a stores ordering drawing	28.10.04	1904	-	-	P-C	222	-
13949	50Ft Bogie Composite Carriage-Arrangement of Underframe	1½" to 1' arrangement of 49¼" channel steel underframe showing position of 18" vacuum cylinder Endorsed: copy of print sent to the Westinghouse Brake Co 6.10; amended for classes Y67 and C68 My note: original dated 30.10.04, poor condition	- .6.10	1910	-	-	P	223	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13949	48Ft 3Ins Bogie Composite Carriage-Arrangement of Underframe	1½" to 1' arrangement of 47' 7½" channel steel underframe Endorsed P59 class to be fitted with electric light see Dg Nos 13690, 13713, 13715 30.10.05 My note: original dated 30.12.04	- .2.05	1905	-	-	P	223	-
13950	48Ft 3Ins Bogie Composite Carriage P58-Details of Underframe	3" to 1' details of components Endorsed: bolster plates altered 2.10.06	31.12.04	1904	P58	231C	P	223	-
13951	Ironwork Details for 50Ft Bogie Carriage	3" to 1' details of components Endorsed: numerous alterations	17.5.07	1907	-	-	CI	223	-
13954	Six Wheels Coupled Tank Engines Class P29-Expansion Bracket	6" to 1' elevations and full size section Endorsed: Dg No 13954 no shop copy 12.12.49; work to blue for E22 Class with boilers to Dg No 15938 23.5.07	- .11.04	1904	P29	J69	CI-C	286	-
13957	Standard One Horse Lorry	1½" to 1' general arrangement of lorry 11'8" outside Endorsed: holes altered 12.6.06	29.11.04	1904	-	-	P	223	-
13967	Cast Steel Coupling Bracket for 20 Tons Boiler Trolley D&P 7407	Full size elevations and plan of casting	14.11.04	1904	D&P 7407	-	P-C	224	-
13968	Third Class Tramcars for Kelvedon & Tollesbury Branch Nos 212, 716, 728, 775, 777 & 810	1" to 1' general arrangement of 27'0¾" 5 compartment carriage with aisle, end drop plates and 2'9" diameter wheels	11.1.05	1905	-	605C	PB-C	380	-
13968	Third Class Tramcars for Kelvedon & Tollesbury Branch Nos 212, 716, 728, 775, 777 and 810	1" to 1' general arrangement of 27' 5 compartment of carriage	7.1.05	1905	-	605C 606C	P-C	224	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I3970	Four Wheels Coupled Bogie Express Engines Class D56 & Six Coupled Express Engines Class S69- Arrangement of Reversing Screw Bracket	Full size arrangement of bracket, plans and sections undimensioned My comment: drawing badly damaged, date and part of title missing	15.11.04	1904	D56 S69	D15 B12	PB	285	-
I3971	Steam Sanding Valve for Engines F48 Class, T19 Belpaire and Future D56 Class	Full size elevations and plan of valve and details of components D56 D15 Endorsed: altered for air sanding 9.2.09	16.11.04	1904	F48 T19 D56	J16 D13 D15	PB	285	-
I3972	Four Wheels Coupled Bogie Express Engines Class D56: Six Wheels Coupled Express Engines Class S69- Reversing Gear Details	6" to 1' details of components Endorsed: altered 13.5.09 & 27.7.14 My comment: undated details for class S69 added later	- .11.04	1904	D56 S69	D15 B12	PB	286	-
I3973	Expansion Bracket for Engines Classes T26, T19, D27, N31, H33, S29 Renewals for Boilers to Dg No 10289	6" to 1' elevations and plan and full size section Endorsed: various dimension for the different classes	- .11.04	1904	T19 T26 D27 N31 H33 S29	D13 E4 - J14	CI-C	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I3976	Arrangement of 20 Tons Boiler Trolley & 10 Tons Trailer D&P 7407	1½" to 1' general arrangement of 16' long trolley and 6' trailer	19.12.04	1904	D&P 7407	-	P-C	224	-
I3977	Ironwork Details for 20 Tons Boiler Trolley & 10 Tons Trailer D&P 7407	3" to 1' details of components	28.12.04	1904	D&P 7407	-	P-C	224	-
I3981	Brake Third Tramcar No 337 for Kelvedon & Tollesbury Branch	1" to 1' general arrangement of 27' carriage	18.6.07	1907	-	607C	P-C	224	-
I3982	Screw Couplings for Slip Carriages	Full size elevations and plan of coupling Endorsed: superseded by Dg No 32820	- .12.04	1904	-	-	CI	226	-
I4006	Standard 15Feet Wagon-Details of Ironwork for High Sided Wagon	3" to 1' details of components Endorsed: 400 sets let to Oldbury and Dg No 8357C 28.12.97; Dg No 8357C, number altered for Dg No 14006 11.6.06; for complete ironwork details with ordinary standard brakework see Dg No 8357; this copy was made from tracing used for stores ordering purposes only and does not show brakework for which see Dg No 10295	- .12.97	1897	-	17C	P-C	224	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4009	Four Wheels Coupled Bogie Express Engines Fitted with Belpaire Firebox- General Arrangement	1½" to 1' sectional side elevation and plan of engine Endorsed in crayon: only copy in existence	6.1.05	1905	D56	D15	PB-C	286	-
I4012	Expansion Bracket for Engines Classes S46 & F48 Renewals for Boilers to Dg No 11548	6" to 1' elevations and plan of bracket and full size section	- .1.05	1905	S46 F48	D14 J16	CI	286	-
I4014	Liquid Fuel Burning Apparatus Holden's Patent (Standard Steam Fitting Large) for Two Burners	Full size elevations Endorsed: subsidiary Dg No 383 L.F.	- .2.02	1902	-	-	P	286	-
I4015	Holden's New Patent Combined Liquid Fuel Injector and Air Ejector-Locomotive Pattern	Full size elevations and sections Endorsed: subsidiary Dg No 222 L.F.			-	-	PB	286	-
I4016	(Regulator Gear)	Unscaled elevations and plan of regulator gear for liquid fuel My comment: description on reverse of drawing	- .8.00	1900	-	-	PB	286	-
I4023	(untitled)	Elevations of engine and tender of bogie foru coupled express engine No 1900 Claud Hamilton with details of liquid fuel gear Endorsed: on the back of the plan 341 LF	-	1900	S46	D14	-	301	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4037	Cast Steel Axle Box with Detachable Oil Well	Full size elevations and plan of box type 'W' for 8" x 3¾" journal	23.1.05	1905	-	-	P-C	225	-
I4042	Oil Axle Box Type TM	Full size elevations and plan of box for 10" x 5" journal My note: tracing dated 18.6.07	- .5.05	1905	-	-	P-C	225	-
I4056	Six Wheels Coupled Goods Engines Class G58 Fitted with Belpaire Firebox-Clothing Arrangement	1½" to 1' outline of boiler showing arrangement of mats	31.1.05	1905	G58	J17	PB	286	-
I4061	Packing Box for Cast Steel Axle Box with Detachable Oil Well for Carriages	Full size arrangement of plate box	3.2.05	1905	-	-	P-C	225	-
I4062	Adjustable Bogie Spring Hanger S46 Class-Four Wheels Coupled Bogie Express Engines	Full size elevation and plan of hanger Endorsed: altered to red 15.1.09	- .2.04	1904	S46	D14	PB	285	-
I4067	Tank Engines M15 Class on 16 Chain Curve	(1½" to 1') plan of wheels on curve with calculations	24.5.04	1904	M15	F4	CP	285	-
I4068	No 8 Automatic Restarting Injector G.E.Rly Pattern-Davies & Metcalfe's Patent	Full size elevations and plan of right hand injector Endorsed: copy of The Patent Exhaust Steam Injector Co Ltd Dg No 414	28.8.99	1899	-	-	BP	286	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14070	No 8 Automatic Restarting Injector Davies & Metcalfe's Patent Arranged for the G.E.Rly	Full size elevations and plan of injector Endorsed: copy of Dg No 606	1.9.00	1900	-	-	BP	285	-
14071	No 10 Automatic Restarting Injector-Davies & Metcalfe's Patent Specially for the G.E.Rly	Full size elevations and plan Endorsed: tracing shows right hand injector; copy of The Patent Exhaust Steam Injector Co Ltd Dg No 602	26.1.01	1901	-	-	P	286	-
14080	Six Wheels Coupled Tank Engines Class T18 with 180 Lbs Boiler Pressure- Foundation Ring with Double Corners	3" to 1' arrangement of ring and full size details of riveting	17.11.05	1905	T18	J66	CI-C	286	-
14099	Standard Coupling Arrangements for Carriages and Wagons	3" to 1' elevations and plans of couplings between carriages and passenger train stock, between wagons with air brakes and between mineral and goods wagons	21.2.05	1905	-	-	P-C	225	-
14129	Standard Axle Box 'B'	Full size elevations and plan with sections for 8" x 3¾" journals, applicable to carriage stock	- .11.01	1901	-	-	CI-C	226	-
14161	Method of Fastening Toolboxes on Tank Engines	(3" to 1') elevations of tool box in position and (6" to 1') details of brackets	- .2.05	1905	-	-	CI-C	285	-
14179	Four Coupled Express Engines T19 Class with Belpaire Firebox and G16 Bogie-Reversing Shaft Bracket	Full size elevation, section and half plan	28.2.05	1905	T19	D13	CP	286	-
14185	Details of Trailing Sand Gear Class T26	Full size details of components Endorsed: see Dg No 11284 for details of valves	- .3.05	1905	T26	E4	CP	285	-
14186	Arrangement of Holders for Fire Irons, Tools and Etc on Tender Tanks for 3,450 Gallons	1½" to 1' elevations and plan of tender top and 3" to 1' details of fittings Endorsed: altered 2.8.16, 17.1.24, 1.9.24 & 4.9.24	- .4.05	1905	-	-	PB	285	-
14187	Six Wheels Coupled Goods Engines Class S59-Footboard E72	1½" to 1' plans and sections of footboard inside cab and 3" to 1' details Endorsed: altered 2.11.26, 2.10.34 & 24.1.42	- .11.05	1905	S59 E72	J17 J18	CI-C	285	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 4280	Draw Spring for Ballast Wagons	Full size details of 7" diameter volute spring	20.3.05	1905	-	-	PB	294	-
I 4289	20 Tons Boiler Lorry-Draught Bar for Use with Traction Engine	3" to 1' elevation and plan of bar	15.4.05	1905	-	-	PB	294	-
I 4292	25 Ton Machine Truck	1½" to 1' general arrangement of 25'6" truck with 20' wheelbase with inside and outside bearings, 2'10" diameter wheels Endorsed: axleboxes altered to clear LSWR and Caledonian Rly loading gauges see Dg No 16346 2.4.07	15.5.05	1905	H65	27W	PB	293	-
I 4294	Large and Small Torpedo Air Extractors and Regulators	Full size sections and elevations of exterior and interior fittings for carriage stock	- .5.05	1905	-	-	CI-C	294	-
I 4317	Packing Blocks for Stanchions on 20 Tons Goods Brakes and Covered Goods Wagons	Full size elevations, 8 to a set	- .6.05	1905	-	-	PB	293	-
I 4327	Arrangement and Details of Meat Van LM3957	1½" to 1' half interior elevations showing arrangement of meat hooks suspended from horizontal bars and 3" to 1' and full size details of fittings and hooks Endorsed: to be fitted with screw couplings; for further particulars of van see Dg No 13490 general arrangement of covered goods van	- .7.05	1905	LM3957	74W	PB	293	-
I 4335	Four Wheels Coupled Bogie Tank Engine Class S44-Expansion Bracket	3" to 1' arrangement of bracket and full size details of fixing	- .7.05	1905	S44	G4	CP	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4339	G16 Bogies Arranged for 710 Class Rebuilt LM3967 & LM4026	3" to 1' arrangement of 6'3" wheelbase bogie with 3'11" dia wheels	25.7.05	1905	T19	D13	P	260	-
I4345	Arrangement of Underframe for Suburban Carriages 1st, 2nd, 3rd & Brake 3rd Classes	1½" to 1' elevations and plan of 26'10½" channel steel frame for 27" stock Endorsed: buffers altered 26.9.07; S58 & T58, L59 & K59	4.9.05	1905	-	-	PB	293	-
I4352	Details of Brakework for 32Ft and 34Ft 6Ins Underframes for E58 and Future Stock	3" to 1' details of components for 6 wheel stock with channel steel frames Endorsed: altered 21.10.09; also 8.11.11 for elephant van	- .10.07	1907	-	-	CI-C	293	-
I4382	Arrangement of Low Large One Horse Van D&P7965 to Carry 2 Tons	1½" to 1' general arrangement of 4 wheeled cart length 13'2¼" and 8' wheelbase	- .9.05	1905	D&P 7965	-	CP	293	-
I4383	Ironwork Details for Low Large One Horse Van D&P7965	3" to 1' details of components and table of items required My comment: appears to be unfinished	- .11.05	1905	D&P 7965	-	CI	294	-
I4384	Arrangement of Low Pair Horse Lorry D&P7964 to Carry 5 Tons	1½" to 1' general arrangement of flat bed lorry length 16'2½" 10' wheelbase Endorsed: office copy to be inked in; floor boards to be of oak 11.2.30	- .11.05	1905	D&P 7964	-	CP	293	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4385	Arrangement of Hand and Dual Brake on Underframes for Continental Train York & Harwich Services Classes P, R, S, T & X60, A, B, C & D61, etc.	1½" to 1' elevations and plan of frame and running gear and key plan of train formation Endorsed: numerous alterations up to 1916	6.12.05	1905	-	-	P	294	-
I4390	Four Wheels Coupled Tank Engines Class C59- Arrangement of Condensing Gear	1½" to 1' arrangement of gear shown on outline of engine	- .10.05	1905	C59	F4	PB	260	-
I4391	Four Coupled Tank Engines C59 Class-Details of Condensing Gear	3" to 1' details of components Endorsed: several alterations	- .10.05	1905	C59	F4	CP	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14391	Four Wheels Coupled Tank Engines Class G69-Air Vent and Condensing Pipes	3" to 1' details	- .2.11	1911	G69	F6	CP	260	-
Att									
14418	Diagram Showing Proposed RCH Arrangement of Screw Coupling Gear for Carriages and Wagons with GE Standard Practice	3" to 1' 3 side elevations showing dimensions of RCH and GE couplings	13.2.06	1906	-	-	CI	294	-
14426	30HP Motor Omnibus	3/8" to 1' side and end elevation of double deck bus Nos 9-15 My comment: a diagram	23.4.06	1906	-	-	CP	293	-
14470	Diagram Showing the Various Lengths of Connecting and Coupling Rods	Table of dimensions cross referenced to drawing numbers	- .10.06	1906	-	-	CI	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 4493	Four Wheels Coupled Tank Engines Class C32 and S44-Bending Moment and Sheering Force Diagrams on 20Ft Span	¼" to 1' and 1/8" to 1 ton diagrams	- .10.06	1906	C32 S44	F3 G4	CP	260	-
I 4545	(Two Tender Frames Loaded with 50Ft Gun)	¼" to 1', ¼" to 1 ton bending moment diagram	-	1906	-	-	CP	260	-
I 4599	S56 Class Engines	¼" to 1', ¼" to 1 ton bending moment diagram on cross girders placed 12' apart	-	1906	S56	J69	CP	260	-
I 4613	Diagrams Showing Positions of Water Scoops below Rail Level when Tenders are Loaded with 5 Tons and Coal and their Tanks full of Water	4 diagrams 3" to 1' scale sectional side elevations of scoops with written instructions for adjustment	23.5.08	1908	-	-	P	260	-
I 4616	Diagram of Deeley's Valve Gear fitted on Express Engine for Midland Railway	Unscaled diagram showing side elevation of motion	2.10.07	1907	-	-	CI-C	260	-
I 4628	Engines E22 or T18 Classes on Two Chain Curve	1½" to 1' diagram Endorsed: reference to Canning Town Goods Yard Dg No 16316	10.12.07	1907	E22 T18	J65 J66	CI	260	-
I 4629	Diagram Showing 25 Ton Machine Truck and L&SW Loading Gauge	1½" to 1' outline end profile of wagon showing LSWR, Caledonian and GER gauges	7.1.08	1908	-	27W	CI-C	293	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 4642	Six Coupled Tank Engine R24 Class on a 2.8 Chain Curve and Six Coupled Tank Engine T18 Class on a 2 Chain Curve	1½" to 1' diagrams	19.3.08	1908	R24	J67	CP-C	260	-
I 4656	Diagram of Wheels Showing Arrangement of Balancing Four Wheels Coupled Bogie Express Engines D56 Class	1½" to 1' diagrams of driving and trailing wheels	25.7.08	1908	D56	D15	P-C	260	-
I 4663	Avenue Bridge Wroxham	½" to 1' half profile of over bridge showing construction and loading gauge for GE and GC Railways against bridge portal Endorsed: see correspondence re GC composite carriage No 1299 ventilator top fouling bridge 17.9.08	21.9.08	1908	-	-	CI	293	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14684	Flaman's Speed Recorder 3.09 - - Boyer Speed Recorder	Full size elevations and sections of recorder with list of parts indexed to drawings	- .3.09	1909	-	-	P	260	-
14707	Bogie Corridor Third Class Carriage G60 Class	¾" to 1' general arrangement of 50' clerestory carriage body with interior corridor and details of interior Endorsed: altered 13.12.05	1.11.05	1905	G60	417C	PB	294	-
14708	Bogie Corridor Composite Carriage E60	¾" to 1' general arrangement of 50' clerestory carriage body with interior details Endorsed: built with elliptical roofs see Shop Copy of Dg No 14709; to be fitted with dual brake and electric light	6.11.05	1905	E60	223C	PB	294	-
14712	Wheel and Axle for Ballast Wagon X59 Class (Open Spoked with Wrought Iron Boss)	6" to 1' and full size half elevation and section of 2'2" diameter wheel with 6 spokes Endorsed: drawing redated 4.06 for class L68	30.10.05	1905	X59	57W	PB	294	-
14715	Cross Section Through First and Third Class Carriage Seats	3" to 1' cross section showing details of seat construction and arrangement of upholstery	- .11.05	1905	-	-	PB	293	-
14728	Combined Elbow and Cock for Water Pick Up on Express Engines	Full size details of cock Endorsed: amended 29.10.06	9.11.05	1905	-	-	P-C	260	-
14728	Six Wheels Coupled Express Engines Class S69-Elbow, Air Cock for Water Scoop Gear	Full size arrangement of components	8.11.11	1911	S69	B12	P	260	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4732	Half Steel Tube Plate for Belpaire Boilers	1½" to 1' arrangement of tube plate and full size details	- .11.05	1905	-	-	PB	260	-
I4733	General Arrangement of Low Floored Ballast Wagon	1½" to 1' general arrangement of 13'4" wagon on 2'2" diameter wheels, centre link coupling and 1/8" to 1' diagram of ballast train Endorsed: altered 25.4.06; altered 11.9.07 for L63 and future classes; axlebox modified 17.8.21 for DI type	- .11.05	1905	X59	57W	CI-C	293	-
I4734	Arrangement of Guard Truck for Ballast Train Classes X59, L63	1½" to 1' general arrangement of 13'4" wagon on 2'2" diameter wheels with conventional buffing gear at one end Endorsed: altered 25.4.06; altered 11.9.07 for L63 and future classes; axlebox modified 19.8.21 for DI type	5.12.06	1906	X59	57W	CI-C	293	-
I4735	Details of Underframe, Etc for Low Floored Ballast X59, L63	1½" and 3" to 1' details of components Endorsed: altered 11.9.07 & 7.11.07	- .4.06	1906	X59	57W	CI	294	-
I4739	No 9 Exhaust Steam Injector and Throttle Valve Supplementary Davies & Metcalfe's Patent	Full size elevations and plan Endorsed: copy of D&M Dg No 928	-	1905	-	-	BP	260	-
I4747	Templates for Ballast Wagon Wheels X59 Class	6" to 1' and full size details of templates	- .11.05	1905	X59	57W	CI-C	293	-
I4755	Six Wheels Coupled Goods Engines Class A60- Coupling Rods	Full size elevations and plan	- .12.05	1905	A60	J15	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4782	York & Harwich Continental Train-Arrangement of Kitchen Car P60 Class	¾" to 1' general arrangement of 50' carriage body and details of interior	31.1.08	1908	P60	25C	CI-C	294	-
I4791	Arrangement for Continental Train (York and Harwich Service) P60 Class	¾" to 1' interior elevations and section showing fittings and furnishings	- .3.06	1906	P60	25C	CI-C	294	-
I4792	Arrangement and Details of Plate and Saucer Racks, Tank Hangers and Grids for Refrigerator of Kitchen of Continental Train P60 Class	3" to 1' elevations and plans of racks and grids Endorsed: altered to red 18.2.07 for L62 for Cromer train	- .3.06	1906	P60	25C	CI-C	293	-
I4794	Section of Standard Roof for Main Line Carriages	3" to 1' section through corridor and compartment of body with elliptical roof Endorsed: work to red for 6 wheeled brake vans L64 27.9.07	23.1.07	1907	-	-	CI-C	294	-
I4797	50'0" Bogie Carriages E, F & G60-Details of Underframes	3" to 1' elevations and plan of underframe My comment: very poor 25% missing including title, includes details of platework for 50' carriage stock, including classes I61 & K61;	- .1.06	1906	-	-	PB	293	-
I4798	Arrangement of Holders for Fire Irons, Tools, etc on Tenders Class H14, S23	1½" to 1' part side elevation and plan of tender with 3" to 1' details of components Endorsed: altered 22.8.16 and 17.1.24	- .1.06	1906	H14 S23	-	CI-C	260	-
I4807	Wagon Oil Axle Box 'X' M & N60, R61	Full size elevations, sections and plan of box for 3¾" x 8" journals Endorsed: several alterations	18.7.06	1906	M60 N60	15W 1W	CI-C	294	-
I4811	Arrangement of Holders for Fire Irons on Tenders Class R43	1½" to 1' part side elevation and plan of tender with 3" to 1' details of components Endorsed: altered 22.8.16	- .1.06	1906	R43	-	CI-C	260	-
I4816	Arrangement of Holders for Fire Irons on Tenders T46	1½" to 1' arrangement on part elevation and plan of tender and 3" to 1' details Endorsed: altered 22.8.16 and 17.1.24	- .2.06	1906	T46	-	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4826	Express Engines Class T19 with Belpaire Firebox- Arrangement of Steam Heating Apparatus	1 1/2" to 1' arrangement shown on elevations and plan of engine and full size details Endorsed: modifications for engines fitted with Vacuum brake; for steam heating pipe to leading end see Dg No 17560; altered for D56 with the Vacuum brake 8.7.09	- .2.06	1906	T19	D13	CI-C	260	-
I4828	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, Y14 & K15-Leading and Trailing Axle and Crank Pin	Full size crank pin and 3" to 1' axle Endorsed: Part Copy Dg No 3515 and Part Copy Dg No 4037 renumbered Dg No I4828 30.2.06; altered 3.9.89 and 20.12.30	2.9.82	1882	Y14	J15	TI-C	260	-
I4831	Arrangement of Combined Vacuum and Hand Brake on 16Ft Covered Goods Wagon M60 Class	1 1/2" to 1' elevations and plan of frame showing arrangement of brake gear	7.10.08	1908	M60	I5W	CI-C	294	-
I4836	Six Wheels Coupled Goods Engines (Y14 Class after A60) Balance Weights in Cast Steel Wheels	3" to 1' elevations of driving, leading and trailing wheels	- .2.06	1906	Y14	J15	CI-C	260	-
I4838	Six Wheels Coupled Goods Engines Class G58 with Belpaire Firebox-Rod, Pipe and Clothing Arrangement	1 1/2" to 1' elevations and plan of engine	- .2.06	1906	G58	J17	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14855	Tinned Copper Cold Water Tanks Harwich & The North Continental Trains	1½" to 1' elevations and plans of 3 types of tank Endorsed: altered for subsequent stock	7.3.06	1906	-	-	PB	293	-
14866	Tender Axle	3" to 1' arrangement of axle and full size details Endorsed: these axles have enlarged wheel seats to suit leading wheels taken from engines 710 class and used under large standard tenders	31.3.06	1906	-	-	CI-C	260	-
14872	York & Harwich Continental Train-Arrangement of WH and Vacuum Brake and Steam Heating Couplings	3" to 1' elevation, section and plan showing arrangement of couplings in relation to safety chains and screw couplings Endorsed: altered 16.11.06 & 10.4.34	20.3.06	1906	-	-	CI-C	294	-
14896	Asbestos Clothing for Four Coupled Bogie Express Engines Class D56	1½" to 1' details of 11 mats	- .4.06	1906	D56	D15	CI	260	-
14901	Six Coupled Tank Engines Class T18 Double Riveted Foundation Ring Corners-Ashpan	3" to 1' arrangement of ashpan	- .4.06	1906	T18	J66	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4906	Asbestos Clothing for Four Coupled Bogie Tank Engines S44 Class	1½" to 1' details of 9 mats	- .4.06	1906	S44	G4	CI	260	-
I4908	Asbestos Clothing Six Coupled Tank Engines with Boiler to Dg No 10588 Class T18	1½" to 1' details of 8 mats	30.4.06	1906	T18	J66	CI	260	-
I4920	Brake Release Spring for Covered Goods Wagons Fitted with Vacuum Brake	Full size arrangement of spring on vacuum cylinder lever	10.5.06	1906	-	-	CI-C	292	-
I4925	Details of Combined Hand and Vacuum Brake for 10 Tons Goods Brake N60	3" to 1' details of components Endorsed: altered 5.9.07	23.5.06	1906	N60	IW	CI-C	291	-
I4927	Four Wheels Coupled Bogie Express Engines D56 Class-Smokebox	1½" to 1' sectional elevations of smokebox, chimney and cylinders Endorsed: several modifications	- .5.06	1906	D56	D15	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4929	Alteration to Spring Gear for 10 Tons Goods Brake when Fitted with Vacuum Brake	Full size elevations and plan of scroll iron Endorsed: original title was '10 Tons Goods Brake-Proposed Scroll Iron'	19.5.06	1906	N60	IW	CI-C	291	-
I4933	One Horse Float Van D&P838I	1" to 1' general arrangement of 4 wheeled van 14'8¼" length outside	11.6.06	1906	D&P 838I	-	CI-C	291	-
I4934	Ironwork Details for One Horse Float Van D&P838I	6" to 1' details of components Endorsed: altered 3.9.07	6.6.06	1906	D&P 838I	-	CI-C	291	-
I4935	10 Tons Goods Brake Fitted with Vacuum Brake N60-Brake Release Spring	Full size detail of spring attached to vacuum cylinder lever	2.5.06	1906	N60	IW	CI-C	291	-
I4936	Arrangement of Dual Communication Valve	1½" to 1' end elevation of clerestory carriage body with apparatus fitted and full size elevations of valve Endorsed: dual communication valve as supplied by The Passenger Communication Co; former Dg No 50CD	28.11.03	1903	-	-	PB	291	-
I4950	Screw Jack	6" to 1' sectional elevation and plan of cast iron screw jack 2'4¾" high on 9½" dia base, cast handles on each side	- .5.06	1906	-	-	CI-C	260	-
I4951	Four Wheels Coupled Tank Engines Class C32 Condensers-Arrangement and Details of Spark Arrestor and Alteration to Condensing Gear	3" to 1' arrangement of spark arrestor and 6" to 1' details	- .5.06	1906	C32	F3	CI-C	260	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4952	Sketch of Buffer Fitted to Messrs. Wright & Jacksons 8 Ton Coal Wagon Converted from Dead to Live Buffers	6" to 1' sectional side elevation and plan of self contained buffer fitted to headstock	2.6.06	1906	-	-	CI-C	291	-
I4953	Arrangement of Third Class Carriage	¾" to 1' general arrangement of 50' body with internal corridor carriage with lavatories Endorsed: I61 not built to this 3.1.10	30.6.06	1906	I61	-	CI-C	291	-
I4958	Arrangement of Carriage for Royal Guests E61	¾" to 1' general arrangement of 48'3" composite body	28.6.06	1906	E61	228C	P-C	181	-
I4964	Condensers for Gas Works	½" to 1' arrangement of group of 3 condensers in line 15'3" high and 3" to 1' details	- .6.06	1906	-	-	CP	260	-
I4975	20 Tons Goods Brake Van Underframe Class U57	1½" to 1' arrangement of 6 wheel 17'6" underframe, 10'3" wheelbase Endorsed: oil boxes 'X' type to be fitted to S63 and future classes I2.9.07 ('O' type previously fitted); altered 31.12.07 & 20.6.11	- .10.05	1905	U57	49W	PB	291	-
I4976	Four Wheels Coupled Bogie Express Engines Class D56-Framing	1½" to 1' side elevation and plan of framing for 4-4-0 engine My note: very poor, torn condition, title panel missing	11.10.06	1906	D56	D15	CI-C	216	-
I4977	Wagon Buffing Spring	Full size elevation, section and plan of 10 plate spring 4'11" unloaded Endorsed: these springs first used on R61; work to red for steel buckles 20.4.14; altered 6.10.08 & 29.1.14	- .7.06	1906	-	-	CI-C	291	-
I4978	Standard 10In (Pintsch) Carriage Gas Lamp	Full size sectional elevation and plan of complete lamp for flat flame burner	1.4.02	1902	-	-	CI-C	291	-
I4981	Arrangement of Fish Wagon R61	1½" to 1' general arrangement of 15'4 plan open wagon, 9' wheelbase fitted with Vacuum brake and Westinghouse pipe	22.8.06	1906	R61	54W	CI-C	291	-
I4982	Details of Ironwork for Fish Wagon R61	6" to 1' details of components and schedule of details on other drawings	3.8.06	1906	R61	54W	CI-C	292	-
I4984	Arrangement of Composite Carriage K61 Class	¾" to 1' general arrangement of 50' carriage body and details of interior	21.7.06	1906	K61	224C	CI-C	292	-
		Full size details							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I4993	Piston and Rod for Engines Y14 Class	Endorsed: dimensions also for classes T26, N31, C32, S44 and G69	23.7.06	1906	Y14	J15	CI	247	-
I5004	Alteration to Spring Gear on 17 Tons Goods Brakes	3" to 1' elevation of gear, side elevation of 7 plate spring and suspension gear Endorsed: altered I4.2.07 & 27.10.17	27.7.06	1906	-	2W	CI-C	292	-
I5005	Six Wheels Coupled Goods Engines Class A60 (Y14 Class)-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: clothing details see Dg No 8297 My comment: dirty and parts missing	- .7.06	196	Y14	J15	CI-C	232	-
I5011	Four Wheels Coupled Tank Engines Class C59-Cab, Tanks and Coal Bunker	1½" to 1' detailed arrangement	- .9.06	1906	C59	F4	CI-C	232	-
I5011	Four Wheels Coupled Tank Engines Class C59- Arrangement of Tank Protection Plates	1½" to 1' sectional elevations showing wash plates	- .2.12	1912	C59	F4	P	232	-
Att									
I5022	Bearing Spring for Dining Cars P60-York & Harwich Trains	3" to 1' elevation, section and plan of 10 plate spring 4'0" centres unloaded, pattern No 29 Endorsed: altered I.10.08 & 29.3.09	12.9.06	1906	P60	25C	PB-C	292	-
I5023	Tinned Copper Cold Water Tank for Main Line Carriages Classes I61, C62, D62	3" to 1' elevation and plan of 43 gallon tank Endorsed: altered 26.12.06-classes G67 & H67 added; tank for vehicles with wide gangways see Dg No 18972	27.8.06	1906	I61 C62 D62	419C 419C 227C	CI-C	292	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I5024	Arrangement of Disc Holders in Cabs of Tank Engines	1½" to 1' arrangements showing position of holders in classes I100, I090, 6 coupled tank engines, 650 class, 61 class and engines 209, 210, 226, 231	- .8.06	1906	-	-	CI	232	-
I5034	Asbestos Clothing for Four Coupled Radial Tank Engines C59 Class	1½" to 1' elevations of 6 mats	- .9.06	1906	C59	F4	CI	232	-
I5037	Axle Arm-Box, Cap and Nut	Full size sectional elevation and plan of No 3 type and list of road vehicles to which it applies	13.10.06	1906	-	-	CI-C	292	-
I5038	Joist Bolster for 4 Wheeled Bogies	3" to 1' elevation, section and plan of bolster Endorsed: various modifications for subsequent stock; Dg No of bogie altered from I6024 to Dg No I6935; title altered to 'for Suburban Bogies' 3.15	11.9.06	1906	-	-	CI-C	292	-
I5039	Ironwork for Special Light Parcels Van	3" to 1' details of components for road vehicle Endorsed: altered I.7.09	5.10.06	1906	-	-	CI-C	292	-
I5049	Arrangement of Bogie Composite Corridor Carriage Class D62, S62	¾" to 1' general arrangement of 50' carriage body and details of interior S62 226Cinterior Endorsed: 5 vehicles of D62 to be fitted with dual brake; S62 London & Cromer train to be fitted with steam heating	- .10.06	1906	D62 S62	227C 226C	CI-C	292	-
I5054	Gas Filling Valve for Carriages	Full size elevations, sections and plan of valve	13.10.06	1906	-	-	CI-C	292	-
I5060	Six Wheels Coupled Goods Engines Class G58 Belpaire-Framing	1½" to 1' elevations and plan of framing My comment: detail missing on part of plan	24.10.06	1906	G58	J17	PB	232	-
I5060	Six Wheels Coupled Goods Engines Class G58 Belpaire-Framing	1½" to 1' elevations and plan of framing My comment: content as Dg No I5060 of same date	24.10.06	1906	G58	J17	BP	232	-
		¾" to 1' general arrangement of 50' body with both side elevations and interior details							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15064	London & Cromer Train-Arrangement of Kitchen Car L62	Endorsed: bogie to Dg No 13665 replaced by Dg No 16024; sliding vents added to drawing, undated; corrected to date 28.8.07	4.9.07	1907	L62	26C	CI-C	291	-
15065	London and Cromer Train-Third Class Restaurant Car 162	¾" to 1' general arrangement of 50' body with interior detail of open saloon	29.11.06	1906	162	420C	PB-C	276	-
15065	London & Cromer Train-Third Class Restaurant Car 162	¾" to 1' general arrangement of 50' body with interior details Endorsed: to be fitted with steam heating and electric light	3.12.06	1906	162	420C	CI-C	291	-
15066	London & Cromer Train-First Class Restaurant Car M62 Class	¾" to 1' general arrangement of 50' carriage body and details of interior Endorsed: to be fitted with steam heating and electric light	10.12.06	1906	M62	120C	CI-C	292	-
15067	London & Cromer Train-Arrangement of First Class Carriage P62 Class	¾" to 1' general arrangement of 50' carriage body and details of interior	3.12.06	1906	P62	121C	CI-C	292	-
15068	No 10 Live Steam Injector-Davies & Metcalfe's Patent	Full size sectional elevations and plan Copy of D&M Dg No 1006 Endorsed: special type for hot climates	25.10.06	1906	-	-	BP	232	-
15070	Copper Cold Water Tank for Kitchen on Cromer Train	1½" to 1' elevations and plan of tank for class L62 Endorsed: modified for subsequent classes	29.10.06	1906	162	420C	CI-C	291	-
15073	Four Wheels Coupled Express Engines Class S46-Arrangement and Details of Fire Box Roof Stays	3" to 1' arrangement of firebox with full size details of stays Endorsed: for further dimensions of boiler see Dg No 11548; modified 7.10.08	- .11.06	1906	S46	D14	CI-C	232	-
15074	Buffing Spring for Horse Boxes, Passenger Train Vans and Carriage Trucks	3" to 1' elevation, section and plan of 10 plate spring 4'11" unloaded pattern No 30	1.11.06	1906	-	-	CI-C	292	-
15075	Four Wheels Coupled Express Engines Class S46-Asbestos Clothing	1½" to 1' elevations of 16 mats Endorsed: for ordinary boilers	5.11.06	1906	S46	D14	CI	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I5081	Four Wheels Coupled Bogie Express Engines Class G61-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: several amendments up to 17.6.50	- .9.07	1907	G61	D15	CI-C	232	-
I5083	Four Wheels Coupled Bogie Express Engines Class F53, D56-Connecting Rod	Full size details of parts and 1½" to 1' arrangement of rod Endorsed: numerous alterations	-	1907	F53	D15	P	232	-
I5084	Four Wheels Coupled Bogie Express Engines Class T19-Asbestos Clothing	1½" to 1' elevations of 11 mats Endorsed: 'with G16 bogies' added to title	6.11.06	1906	T19	D13	CI	232	-
I5085	Bogie Four Coupled Express Engines G61-Strengthening for Corner Plates for Leading End of Framing	6" to 1' details of leading end of framing	- .11.06	1906	G61	D15	CI	232	
I5088	Asbestos Clothing for Six Coupled Goods Engines Y14 Class	1½" to 1' elevations of 7 mats My comment: a stores ordering drawing	- .11.06	1906	Y14	J15	CI-C	232	-
I5092	Four Wheels Coupled Tank Engines Classes M15, E16, 018, P55-Details of Fittings for Tanks	Full size details of brackets and fittings Endorsed: for tank stays see Dg No 17612 for G69 30.1.11	14.11.06	1906	M15	F5	CI-C	232	-
		¾" to 1' general arrangement of 50' carriage body and details of interior							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 5093	Arrangement of Bogie Brake Van Classes R62	Endorsed: R62 for London and Cromer train to be fitted with gas and steam heating; see Dg No 19106 for ends with standard gangways 28.1.14; Bostwick gates to be removed see Mr Mauldin's letter dated 2.1.30	- .11.06	1906	R62	528C	CI	292	-
I 5096	Proposed Alteration to Buffers on Low Floored Milk Van	3" to 1' sectional side elevation, end elevation and plan of buffer Endorsed: one end of milk van to be fitted with this for trial My comment: alteration may be the addition of a 6 1/8" elm block to bring the buffers out to 1'10 1/2" from headstocks	- .11.06	1906	-	22M	CI-C	292	-
I 5097	Bearing Spring for 12 Ton Machine Truck A63 Class	3" to 1' elevation, section and plan of 4 plate spring 3'1" centres unloaded	26.11.06	1906	A63	24W	CI-C	292	-
I 5098	Drawhook for Close Coupled Wagons	Full size elevation and plan of drawhook	18.1.07	1907	-	-	CI-C	291	-
I 5099	Arrangement of Tubes in Tubeplates for Engines Classes Y14, T19, T26, N31, C32	6" to 1' half elevation of smokebox and firebox tubeplates Endorsed: for other dimensions see Dg No 10289	- .12.06	1906	Y14 T19 T26 N31 C32	J15 D13 E4 J14 F3	CI-C	232	-
I 5874	Gangway for Main Line Carriage Stock	3" to 1' arrangement of complete gangway and 6" to 1' details of fittings	28.11.06	1906	-	-	CI-C	235	-
I 5876	Engines Classes T19 Belpaire, D56, G58-Arrangement of Tubes in Tubeplates	6" to 1' half elevations of smokebox and firebox tubeplates Endorsed: for other dimensions see Dg Nos 11537 and 13688 to this for non superheater engines for other dimensions see Dg No 19221	- .1.07	1907	T19 D56 G58	D13 D15 J17	CI-C	232	-
I 5889	Tenders Classes T59 and H61 for Goods and Express Engines-Framing	1 1/2" to 1' elevations and plan of 18'3" long frames, WB 6' plus 6', wheels 4'1" dia to Dg No 8941 Endorsed: several amendments the last 24.11.41	- .12.06	1906	T59 H61	- -	CI-C	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15893	Coupling Links and Pins Between Engine and Tender	Full size elevations of two types of links and pins Endorsed: see Dg No 17275 for E72 engines, F72 tenders, S69 engines and T69 tenders	- .12.06	1906	-	-	CI-C	232	-
15896	Oil Well for Wagon Axlebox 'X' to Suit 9" x 4" Journal	Full size elevations and plan of well Endorsed: to be fitted to 12 ton machine truck A63 class; for wagon axlebox 'X' see Dg No 14807, modified 28.3.08	14.12.06	1906	-	-	CI-C	235	-
15897	Arrangement of Kitchen for London & Cromer Train L62 Class	¾" to 1' interior elevations and plan of kitchen with full details of fittings and equipment	- .2.07	1907	L62	26C	CI-C	235	-
15908	Eccentric Sheaves for Engines Y14, P55, T18, E22, R24, Y65, G75	Full size elevations with diagram Endorsed: for G69 class see Dg No 17611 7.12.10; for eccentric strap see Dg No 6164	- .1.07	1907	Y14	J15	CI-C	232	-
15915	Asbestos Clothing for Six Coupled Tank Engines S56 Class	1½" to 1' elevations of 6 mats My comment: a stores ordering drawing	- .1.07	1907	S56	J69	CI	232	-
15918	Four Wheels Coupled Express Engines Class S46 with Fireboxes to Dg Nos 15073 and 11548-Safety Valve	6" to 1' sectional elevations and plan of safety valve to blow off at 180 lbs and details of lever	- .3.07	1907	S46	D14	CI-C	232	-
15929	Arrangement and Details of Brake Communication for Carriages	1" to 1' arrangement showing inside and outside equipment and full size details of brake valve Endorsed: altered 20.1.19	- .2.07	1907	-	-	CI-C	235	-
15937	Alteration to Sliding Doors for Six Coupled Tank Engines R24 Class	1½" to 1' side elevation showing doors, full size details of fittings Endorsed: for other dimensions of sliding door see attachment to Dg No 9579	28.2.07	1907	R24	J65	PB	232	-
15938	Six Coupled Tank Engines E22 Class-Boiler with Steel Firebox and Direct Stays	1½" to 1' elevations, plans and sections of boiler with full size details of riveting Endorsed: all boilers to be fitted with copper stays 1" diameter 11.11.13; work to red for last 4 engines to LM5202 and future engines 22.4.10	- .2.07	1907	E22	J65	CI-C	232	-
Att 15938	Six Coupled Tank Engines Class E22-Arrangement of Crown Stays for Boilers with Steel Fireboxes	1½" to 1' sectional elevations for 3 boilers Endorsed: for arrangement of boiler see Dg No 15938, details of slings and stays see Dg No 15976	- .3.07	1907	E22	J65	CI-C	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I5949	Truck for Manual Fire Engine D&P8670	1½" to 1' general arrangement of 15' truck with 29" wheels with Westinghouse brake Endorsed: altered to red for D&P1620 4.7.12, underframe details Dg No 15964, ironwork details Dg No 16001	- .3.07	1907	D&P 8670	-	CI-C	235	-
I5955	No 2 Axle Arm, Box, Cap and Nut Complete	Full size details for pair horse van and pair horse trolley	27.2.07	1907	-	-	CI-C	235	-
I5956	17Ft 10 Ton High Sided Wagon LM4198, E64, E65	1½" to 1' general arrangement 17' 7 plank open wagon with 9'6" wheelbase Endorsed: see guide Dg No 17432 for class F70 and future classes 13.12.11 My comment: some detail missing on lower part of plan	8.3.7	1907	LM4198 E64 E65	55W	CI-C	235	-
I5957	Ironwork Details for 17Ft 10 Ton High Sided Wagon LM4198	3" to 1' details of components not already covered by existing drawings Endorsed: altered to red 13.3.08	7.3.07	1907	LM4198	55W	CI-C	235	-
I5963	Six Wheels Coupled Goods Engines Class G58- Details of Cylinder Cock Gear	Full size, 6" and 1½" to 1' details of 12 components	- .3.07	1907	G58	J17	CI-C	232	-
I5964	Details of Underframe and Turntable for Manual Fire Engine Truck D&P8670	1½" and 3" to 1' of components Endorsed: altered to red for D&P1620 4.7.12; for Cambridge fire engine truck see Dg No 18734 D&P4657 20.12.15	- .3.07	190	D&P 8670	-	CI-C	235	-
		1½" to 1' elevations and plan of two containers 7'0" x 6'9" shown on underframe							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I5967	General Arrangement of Continental Luggage Boxes E33	Endorsed: for underframe see Dg No 8859; for ironwork details see Dg No 891 I; Westinghouse brake pipes altered to yellow 25.8.04 Nos 2 & 4 to be fitted	- .3.07	1907	E33	-	PB	235	-
I5976	Crown Stays and Hangers for Steel Fireboxes E22 Class	Full size details of 6 components	- .4.07	1907	E22	J65	CI	232	-
I5979	Screw Couplings for Wagons	Full size elevations and plan of coupling and 3" to 1' elevation and plan showing two wagon coupled with headstocks 3'2" apart	12.3.07	1907	-	-	CI-C	235	-
I5986	General Arrangement of Milk Van with Asphalt Floor	1" to 1' general arrangement of 31'6" 6 wheel van with louvred sides Endorsed: van No 1317 fitted; asphalt floor replaced by oak boards 8.2.12	18.3.07	1907	-	21M	PB	235	-
I5987	12 Ton Machine Truck A63 Class	1½" to 1' general arrangement of 18' flat truck Endorsed: binding rings added 20.2.08	8.4.07	1907	A63	24W	CI-C	235	-
I5988	Details of Ironwork for 12 Ton Machine Truck A63 Class	3" to 1' details of 12 components Endorsed: altered to red 2.08	26.3.07	1907	A63	24W	CI-C	235	-
I5989	Details of Underframe for 10 Tons Machine Truck A63 Class	1½" and 3" to 1' details of components Endorsed: altered in red 18.2.08	8.4.07	1907	A63	24W	CI-C	235	-
I6002	Four and Six Wheels Coupled Tram Engines Classes F40, C53-Arrangement and Details of Spark Arrestor	3" to 1' section of smokebox showing arrangement and full size and 6" to 1' details of fittings	- .4.07	1907	F40 C53	Y5 J70	CI-C	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I6003	Details of Additions Required to Accelerate Filling of Water Troughs at Ipswich	Full size arrangement of inlets and 6" to 1' details of other pipework	12.4.07	1907	-	-	CI-C	232	-
I6014	Low 10 Ton Machine Truck Altered to Clear L&SW and SE&C Loading Gauges LM4567	1½" to 1' general arrangement of 29'6" truck with details of alterations Endorsed: for loading baulks see Dg No I6425 15.4.08; see attachment to shop copy for new girders 17.3.10	- .4.07	1907	LM4567	22W	P	235	-
I6015	Foundation Ring for Boilers with Steel Fireboxes E22 Class (LM4494)	Full size details of riveting and 3" to 1' arrangement of foundation ring My comment: drawing unfinished	- .4.07	1907	E22	J65	CI-C	232	-
I6016	Ironwork for Low 10 Ton Machine Truck Altered to Clear L&SW and SE&C Loading Gauges LM4567	3" to 1' details of 5 components	- .5.07	1907	LM4567	22W	CI-C	235	-
I6025	Engine Trolley	1½" to 1' elevations and plan of 4 wheel trolley 2'8" wheelbase on 1'8" wheels and full size details of ironwork Endorsed: for running department My comment: probably carried on crane runner	- .4.07	1907	-	-	CI-C	232	-
	Expansion Bracket for S&C Class Boilers to Do Not	6" to 1' elevation and plan and full size details of fixing S46 D15			S56	J69			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6040	Expansion Bracket for S36 Class Boilers to Dg Nos 16089 and 13688 Att	Endorsed: work to red for S46 engines with Belpaire boilers (Dg No 13688 Att) 2.15; work to blue 23.9.07	- .5.07	1907	S46	D15	CI-C	232	-
I 6049	Cast Steel Wheels for 20 Ton Coal Wagons	3" to 1' elevation and section of 10 spoke 2'8" diameter wheel less tyre My comment: stores ordering drawing	7.6.07	1907	-	46W	CI-C	235	-
I 6059	Cast Iron Bevel Wheel for Goods Brakes	Full size section and plan of wheel with 18 teeth	18.6.07	1907	-	-	CI-C	235	-
I 6062	Four Wheels Coupled Mixed Traffic Engines T26, I34- Arrangement and Detail of Trailing Sand Gear	3" to 1' arrangement inside cab and full size details of fittings Endorsed: for class I34 and following engines, undated	- .6.07	1907	T26 I34	E4	CI	232	-
I 6066	Six Wheels Coupled Tank Engines Class S56- Arrangement of Tubes in Tubeplates	3" to 1' half elevations of tubeplates Endorsed: for other dimensions see Dg Nos I1549, 13581 and attachments; for tubes for S44 and P55 classes	- .6.07	1907	S56	J69	CI-C	232	-
I 6081	Four Wheeled Coupled Radial Tank Engines Class G63-Vacuum Brake Arrangement and Details	1½" to 1' outline side and end elevation of cab and frame and 3" to 1' details of components	- .7.07	1907	G63	F4	CI	232	-
I 6083	Four Wheels Coupled Radial Tank Engines P55 Class- Boiler with Steel Firebox and Direct Stays	1½" to 1' elevations and plan of boiler with full size riveting details Endorsed: all boilers to be fitted with copper stays 1" diameter I1.11.13	- .7.07	1907	P55	F5	CI-C	232	-
I 6089	Engines Class S46, F48-Boiler with Direct Roof Stays	1½" to 1' elevations and plan of boiler with full size riveting details F48 J16 Endorsed: numerous alterations	- .7.07	1907	S46 F48	D14 J16	CI-C	232	-
Att I 6089	Boilers Class S46, F48 with Direct Roof Stays-Sketch of Back Plate with Raised Firehole	1½" to 1' sectional end elevation of backplate Endorsed: for dimensions not shown see Dg No 16089; work to red for height of LF hole and position of stay 'A' 28.6.09	- .1.12	1912	S46 F48	D14 J16	P	232	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16090	Sketch Showing Position of Buffers and Couplings between Coal Engine when on a 4 Chain Curve	1½" to 1' plans showing additions to buffers and rubbing plates	9.5.06	1906	-	-	OI-C	232	-
16092	Sketch Showing Proposed Alteration to Governing Gear Tram Engines Class G15	Undimensioned elevations and plan of gear, nature of alteration not stated My comment: possibly unfinished	26.2.06	1906	G15	Y6	OI-C	232	-
16094	Standard Cylinder for Automatic Vacuum Brake	Full size section of cylinder and valve and 6" to 1' inverted plan	16.7.07	1907	-	-	P-C	235	-
16095	Davies & Metcalfe's 10mm Injector	Full size sectional elevations of injector	23.7.07	1907	-	-	P-C	232	-
16097	Section of Turton Platt's Patent Buffer	Full size sectional elevations of self contained buffer Endorsed: Supy. D.O. No 851	16.10.94	1894	-	-	CI-C	232	-
16112	Arrangement of Inspection Truck	1" to 1' general arrangement of open 6 wheel truck 34'0" using carriage underframe Endorsed: end doors to be fitted to truck 30.9.08	21.9.07	1907	T64	I2M	CI-C	412	-
16113	Details of Ironwork for Inspection Truck	6" to 1' elevations and plans of 8 components Endorsed: additional ironwork for end doors shown in red 30.9.08	17.9.07	1907	T64	I2M	CI-C	411	-
16124	Proposed Alteration to Side Bearing Spring Gear for Bogie Cars	3" to 1' elevations and plan of 7 plate spring 4'0" centres Endorsed: altered 1.10.08	31.7.07	1907	-	-	CI-C	412	-
16125	Carriage Oil Axlebox P	Full size elevations, sections and plans of axlebox for 9" x 4" journal Endorsed: altered 31.3.08, 25.8.10 and 23.5.16	- .8.07	1907	-	-	CI-C	412	3
16132	York & Harwich Continental Train-Section Through Passenger Compartments of Restaurant Cars	1½" to 1' internal sectional views of first and third class carriages with full details of interior furnishings	- .8.07	1907	-	-	CI-C	411	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16134	Six Wheels Coupled Goods Engines Class L52, P52, B54, P54 (to Boiler Dg No 11548)-Asbestos Clothing	1½" to 1' plans of 14 mattresses	- .8.07	1907	L52	J16	CI	359	
16154	Walsh's Patent Axlebox Oil Retaining and Dust Tight	Full size elevations, sections and plan of axlebox Copy of J. Owden O'Brien of Manchester drawing, manufactured by the Malleable Steel Casting Co. Pendleton	4.4.07	1907	-	-	BP	412	
16171	Bain's Patent Improved Railway Carriage and Wagon Automatic Safety Coupling	1½" to 1' elevations and plan of centre coupling and fitting to steel underframe	-	1907	-	-	P	412	
16172	Details of the Bain Patent Improved Carriage and Wagon Automatic Coupling	6" to 1' details of 5 components	-	1907	-	-	P	412	
16173	Details of the Bain Patent Improved Carriage and Wagon Automatic Coupling	6" to 1' details of 6 components	-	1907	-	-	P	412	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16185	Bracket for Hat Rack in Dining Car-London & Cromer Train M62	Full size elevation of ornamental bracket mounted on seat back made in cast brass Endorsed: also used in first class restaurant cars York and Harwich train P&S 60	28.8.07	1907	M62	120C	PB-C	411	
16190	Six Wheels Coupled Tank Engines Class C37, G75-Leading and Trailing Hornblock and Stay	6" to 1' elevation, sections and plan of hornblock	- .9.07	1907	C37	J69	CI-C	360	
16190	Six Wheels Coupled Tank Engines Type J69-Leading and Trailing Hornblock, Stays and Wedge	6" to 1' elevation, sections and plan of hornblock	- .6.29	1929	-	J69	P	360	
16191	Bearing for 5In Journal of 20 Ton Coal Wagon for North Eastern Railway Company	6" to 1' elevations and section of axlebox Copy of Hyatt Roller Bearing Co, Harrison, New Jersey Dg No 1L115	9.3.05	1905	-	-	P	412	
16196	Alteration to Brake Work on Tenders Class H14, Y17	1½" to 1' outline elevations and plan showing modification on tender and 3" to 1' details of components Endorsed: altered 28.10.07	- .9.07	1907	H14 Y17	-	CI-C	360	
16198	Proposed Auxiliary Draw Spring for Private Owners Wagons for Use with Sleeve Stop	Full size elevation of spring with table of deflections	9.9.07	1907	-	-	CI-C	412	
16200	Arrangement of Davies & Metcalfe's No 10 Special Injector Six Coupled Condensing Tank Engines S56 Class	3" to 1' elevations and plan	- .9.07	1907	S56	D15	CI	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6204	Arrangement of Underframe for Cattle and Covered Goods Wagons	1½" to 1' elevations, sections and plan of 19'3" channel steel underframe with 10'6" wheelbase Endorsed: for cattle wagons D64 and covered G64	20.9.07	1907	D64 G64	7W 47W	CI-C	411	
I 6205	Details of Underframe for Cattle Wagons D64	3" to 1' details of numerous components	14.1.08	1908	D64	7W	CI-C	411	
I 6206	Details of Underframe for Covered Goods Wagon G64	1½" and 3" to 1' details of numerous components	13.11.07	1907	G64	47W	CI-C	411	
I 6210	Asbestos Clothing for Tram Engines Class C53	1½" to 1' details of 8 mattresses	30.9.07	1907	C53	J70	CI	358	
I 6213	Frame and Boiler Stay for Express Engines S46 Class with Boilers to Dg Nos I 6089 and I 6371	3" to 1' arrangement of stay with full details Endorsed: see also Dg No I 3688 Attachment 16.2.08	- .10.07	1907	S46	D14	ci-c	360	
I 6214	Six Wheels M.L. Brake Van L64 Class	1" to 1' general arrangement 32' 6 wheel body with elliptical roof Endorsed: altered 3.7.08, 3 gas lamps in place of 4; altered 4.10.10	9.10.07	1907	L64	536C	CI-C	411	
I 6215	Details of Laminated Spring Buffing and Drawgear for Carriages	3" to 1' details of numerous components and schedules listing parts required for main line and suburban stock Endorsed: originally drawn on I 6.8.04; altered 18.11.10, 1.5.13 and 10.3.15; Dg No altered from I 3866 to I 6215 for I & L64 and future stock 30.9.07	- .9.07	1907	-	-	P-C	412	3
I 6219	Conversion of Whole Sided Door Wagon into Hopper Ballast Wagon D&P9305	1½" to 1' general arrangement of 16' 3 plank wagon with sections showing hopper arrangement Endorsed: step and handle added 29.9.09	12.2.08	1908	D&P 9305	59W	CI-C	412	
I 6223	Four Wheels Coupled Shunting Engines 209 Class- Arrangement and Details of Spark Arrestor	3" to 1' sectional elevations of smokebox with apparatus and 6" to 1' details of fittings	- .10.07	1907	209	Y5	CP	358	
I 6225	14 Ton Machine Trucks-Oil Axle Box 'R' Adapted to 10" x 4¼" Journals	3" to 1' elevations showing axlebox fitted to a machine truck	- .10.07	1907	-	-	OI-C	412	
I 6229	Gresham & Craven's 8mm Hot Water Injector	Full size sections and plan of injector	- .10.07	1907	-	-	CI-C	359	
I 6230	Four Wheels Coupled Bogie Tank Engine O61 Class- Blower Cock	Full size sectional elevations and plan of cock Endorsed: altered 21.7.11 for class S69; see attachment for blower for E72 and L77	- .10.07	1907	O61	-	CI-C	359	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16230	Four Wheels Coupled Express Engines Class D56- Alteration to Blower Cock for Engines fitted with Schmidt Superheater	Full size elevation and section of cock for engines L77, E72 and S69	16.12.10	1910	D56	D15	CI-C	360	
Att									
16236	Arrangement of Automatic Vacuum Brake Tenders Classes T46, G53	1½" to 1' outline elevations and plan of tender frame showing arrangement of brake and 3" to 1' details of fittings Endorsed: superseded see Dg No 36784	- .10.07	1907	T46 G53	- -	CI-C	358	
16244	Large One Horse Van Lower in Height from Ground to Floor D&P9037	1½" to 1' general arrangement of 4 wheeled van with 10'2" body	29.10.07	1907	D&P 9037	-	P-C	412	
16244	Large One Horse Van Lowered in Height from Ground to Floor D&P9037	1½" to 1' general arrangement of 4 wheeled van length 10' inside Endorsed: openings marked 'A' to be cased in on covered vans only	29.10.07	1907	D&P 9037	-	P-C	181	-
16259	Six Wheels Goods Engines Class L52-Rod, Pipe and Clothing Arrangement	1½" to 1' side and end elevation of engine and plan of frame Endorsed: altered 2.9.24	- .11.07	1907	L52	J16	CI-C	359	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16264	Four Wheels Coupled Bogie Express Engines Classes S46, M51, F53, L55-Asbestos Mattresses for Boilers to Dg No 16089	1½" to 1' plans of 17 mattresses	- .1.08	1908	S46	D14	P	358	
16267	Six Wheels Coupled Tank Engines Class R24, Y65, G75-Arrangement and Details of Cab Door and Alteration to Sanding Gear	1½" to 1' elevation and plan of door and sanding gear and full size details of components Endorsed: altered for class G75 9.12.13; altered 26.2.35	- .10.07	1907	R24 Y65 G75	J67 F7 J68	CI-C	360	
16271	Ironwork Details for Passenger Train Cattle Box P64	3" to 1' details of numerous components	2.1.08	1908	P64	19M	CI-C	411	
16272	Safety Valve Seating	6" to 1' section and plan of seating for boilers with 4'2" and 4'4" barrels	19.11.07	1907	-	-	CI-C	359	
16285	20 Tons Loco Coal Wagon	1½" to 1' general arrangement of 21'6" steel body open wagon with 12' wheelbase and half plan of underframe Endorsed: for M73 and future classes see Dg No 18248 16.5.13; for arrangement and details of double brake on P71 and future classes see Dg No 18078 1.4.12	- .12.07	1907	-	46W	CI-C	411	
16286	Ironwork Details for 20 Tons Loco Coal Wagon	3" to 1' details of numerous components Endorsed: for M73 and future classes see Dg No 18479 7.5.13; altered for P71 and future classes where double brake is used see Dg No 18078 1.4.12	- .1.08	1908	-	46W	CI-C	411	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6290	Details for Cattle Wagon with Wood Underframe	3" to 1' elevations and plans of numerous components and details of bolts and fixings Endorsed: altered 7.0 & 6.1.14	- .2.14	1914	-	-	P	443	3
I 6290	Axlebox and Brass for 8 Ton Mineral Wagon	Full size sectional elevation and plan for 8" x 3¾" journal Copy of G&SWR Kilmarnock Dg No 1813	3.2.03	1903	-	-	BP	412	
I 6291	Oil Axlebox for 20 Ton Hopper Wagon	Full size elevation, sections and plan of oil box for 10" x 6" journal Copy of G&SWR Kilmarnock Dg No 4063	8.5.05	1905	-	-	BP	412	
I 6292	GWR Swindon 9Ins x 4 5/8Ins OF Oil Axlebox with Open Front	Full size elevations and plan of oil box Copy of GWR Dg No 22764	- .6.03	1903	-	-	BP	412	
I 6294	Four Wheels Coupled Express Engines Class T19 Belpaire with G16 Bogies-Boiler	1½" to 1' elevations, sections and plan of boiler with full size details of riveting Endorsed: altered 9.5.13 and 6.11.13	- .12.07	1907	T19	D13	P	359	
I 6299	Foundation Rings for Boilers with Steel Fireboxes to Class P55	3" to 1' plan of foundation ring and full size details of riveting	- .12.07	1907	P55	F5	CI-C	360	
I 6300	Bottom Half of Standard Carriage Axlebox 'B'	Full size elevations and plan of box Endorsed: oil hole not required 20.12.09 My comment: refers to filling hole at side of box	7.12.07	1907	-	-	PB-C	279	-
I 6303	Frame and Boiler Stay for Goods Engines Class F48 with Boilers to Dg Nos 16089 and 16371	3" to 1' arrangement of stays and full size details of fittings Endorsed: work to red dimensions for all engines except Nos 1170 to 1186 inclusive	- .12.07	1907	F48	J16	CI-C	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16305	Cast Steel Wheel and Axle for 20 Tons Coal Wagons and 20 Tons Goods Brake	6" to 1' and full size half elevation and section of 3'1" dia 10 solid spoke wheel and half elevation of axle	6.5.08	1908	-	46W 56W	CI-C	279	-
16310	Carriage Springs Pattern No 31	3" to 1' elevation, section and plan of 7 plate spring 4'0" centres when straight Endorsed: two carriages of S62 fitted with this for trial; superseded by Dg No 16464 for B65 and future classes 13.5.08 Full size details of 5" diameter spring	- .12.07	1907	-	-	CI-C	279	-
16311	Auxiliary Bearing Springs for Bogie Carriages								
16332	Four Wheels Coupled Express Engines Class T19 with Belpaire Boiler-Coupling Rod	Full size part elevations and plan of rod Endorsed: altered 20.12.30 and 5.3.41	- .2.08	1908	T19	D13	P	358	
16340	Cast Iron Details for Water Valve for Ipswich Station Water Tank	6" to 1' details of components	- .1.08	1908	-	-	CP	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6341	N.E.R. Dual Brake for Standard Cattle Wagon	1½" to 1' arrangement of lower part of 16' wood framed cattle wagon with full details of running gear and dual brake Endorsed: NER Dg No 5390	18.11.07	1907	-	-	P	279	-
I 6342	N.E.R. Vacuum and Hand Brake for 12 Tons Covered Goods Wagon	1½" to 1' sectional elevations and plan of underframe showing vacuum brake gear Endorsed: NER Dg No 6037	16.11.07	1907	-	-	P	279	-
I 6346	Oil Well and Alteration to Axleboxes for 25 Ton Machine Trucks E35, H65	Full size sections and plans of oil well with LSVR and Caledonian Rly gauges shown	- .1.08	1908	E35 H65	27W	CI-C	279	-
I 6347	Bolster End Control for Bogie Carriages	6" to 1' sections of arrangement, details of casting	7.1.08	1908	-	-	CI-C	279	-
I 6348	Buffing Spring for Wagons	Full size elevation of 5 coil spring Endorsed: as supplied with Turton & Platt's self contained buffers for 14 tons machine truck, etc. Endorsed: dimensions altered 13.5.08	21.1.08	1908	-	-	CI-C	279	-
I 6349	Water Tube Firebox with Steam Superheater	1½" to 1' sectional side and end elevations and plan of superheater on Belpaire type boiler arranged for six wheels coupled engine	- .12.07	1907	-	-	P-C	360	
I 6350	Patent Maximus Brake Arranged for a Four Wheeled Coach	6" to 1' sectional side elevation of brake gear applied to standard carriage wheel Endorsed: copy of Dg No 5 of Taite & Carlton, 63, Victoria St, London EC	-	1908	-	-	BP	279	-
I 6351	Standard A.F. Gear for 23 Ton Coal Wagons	6" to 1' sectional side and end elevation of brake gear on NER wagon Endorsed: NER Shildon Works Dg No 820S and 6650 My comment: A.F. stands for anti friction roller gear	23.4.07	1907	-	-	MB	279	-
I 6352	Details of Water Valve for Ipswich Station Loco Tank	6" to 1' details of components	- .1.08	1908	-	-	CP	360	
I 6354	Protectors for Sight Feed Lubricators Stone, Dewrance Vacuum Wakefield De Limon	Full size details of protectors for named lubricators	14.4.08	1908	-	-	P-C	359	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Dewrance, Vacuum, Wakefield DC Limon	Endorsed: altered 4.1.09 and 30.9.09							
16354	Protector for Dewrance, Vacuum and Wakefield Sight Feed Lubricators	Full size elevations and plan of protector	4.1.10	1910	-	-	-	360	
Att									
16359	Standard Steam Heating Coupling	Full size elevations and details	4.2.08	1908	-	-	P-C	279	-
16361	Oil Axlebox 'R' for 14 Ton Machine Trucks 10Ins x 4 1/4Ins Journals	Full size elevations, plans and sections of axlebox Endorsed: altered 8.11.12; see Dg No 16404 for oil hole 25.1.12; Caledonian Rly and LSWR loading gauge imposed on sectional side elevation	- .2.08	1908	-	-	CI	279	-
16366	Conversion of Whole Sided Door Wagon in Hopper Ballast Wagon-Details of Ironwork D&P9305	3" to 1' details of ironwork; for arrangement see Dg No 16219	24.2.08	1908	D&P	59W	CI-C	279	-
					9305				
16367	7 Ton Boiler Lorry D&P9255	1 1/2" to 1' general arrangement of 4 wheeled lorry 12'3" long inside	21.5.08	1908	D&P	-	CI-C	279	-
					9255				

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16368	Ironwork Details for 7 Tons Boiler Lorry D&P9255	1½" and 3" to 1' details of components	6.3.08	1908	D&P 9255	-	CI-C	279	-
16370	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Steam Heating Apparatus	1½" to 1" arrangement shown on part elevations and plan of engine and tender and full size details of pipes and fittings Endorsed: for arrangement of steam heating pipe to leading end of engine see Dg No 17589; altered for C32 class, undated	- .2.08	1908	T26	E4	CI-C	359	
16371	Rebuilt Engines Class S46, F48-Boiler Fitted with Roof Bars and Double Riveted Corners	1½" to 1' elevations, sections and plan of boiler with full size riveting details Endorsed: altered 28.7.09 and 30.9.09	- .2.08	1908	S46 F48	D14 J16	CI-C	360	
16389	Arrangement and Details of Hatchway in Roof of Covered Goods Wagon	1½" and 3" to 1' details of ironwork and sectional arrangements of hatch Endorsed: one wagon to be fitted to LM4829	11.5.08	1908	LM4829	-	CI-C	279	-
16391	Ballast Spreading Plough Fitted to Permanent Way Brake Van D&P9306	1½" to 1' sectional elevations and plan of underframe showing plough fitted Endorsed: two brakes to be fitted to this, for details see Dg No 16392; brakework on existing vans to be altered to this drawing	- .3.08	1908	D&P 9306	60W	CI-C	279	-
16392	Details of Ballast Spreading Plough D&P9306	3" to 1' general arrangement of plough and hand wheel Endorsed: alterations in red were made to facilitate building the plough 11.9.08 My comment: a polite way of saying that it could not be built as designed	23.4.08	1908	D&P 9306	60W	CI-C	279	-
16393	Sketch Showing Position of Clothing Studs on Fireboxes of Engines Classes S46, F48 with Boilers to Dg Nos 16089 and 16371	Sketch Showing Position of Clothing Studs on Fireboxes of Engines 3.08 S46 D14 Classes S46, F48 with Boilers to Dg Nos 16089 and 16371	- .3.08	1908	S46 F48	D14 J16	CI	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I6397	Private Owners Wagons-Proposed Auxiliary Draw Spring	Full size details of 6 1/8" diameter spring	18.3.08	1908	-	-	CI-C	279	-
I6404	Oil Axlebox 'R' for 14 Ton Machine Trucks with 10Ins by 5Ins Journals	Full size elevations, sections and plan of oilbox	- .6.08	1908	-	-	P-C	372	
I6407	Standard Cross Head	Full size sectional elevations and plan of cross head with 6" to 1' details Endorsed: numerous alterations for various classes	- .3.08	1908	-	-	CI-C	360	
I6412	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire with G16 Bogie-Rod, Pipe and Clothing Arrangement	1 1/2" to 1' side and end elevation of engine and outline of frame showing piping details Endorsed: altered 5.8.19 and 8.1.32	5.6.08	1908	T19	D13	CI-C	358	
I6413	Arrangement of Water Valve for Ipswich Station Loco Tank	6" to 1' sectional elevations and plan of valve and float	25.3.07	1907	-	-	CI-C	359	
I6425	Loading Baulks for 10 Tons Roundabout and 40 Tons Crocodile Trucks	1 1/2" and 3" to 1' part elevations showing position of baulk and fittings with full size details Endorsed: altered 18.12.08 for 2 baulks to used on either wagon; revised 30.8.22 for crocodile truck only	11.4.08	1908	-	22W 28W	P-C	373	
I6431	Arrangement of Patent Brake Block Adjuster Fitted to 15Ft Wagon Underframe	1 1/2" to 1' side and end elevations and half plan of single sided 2 block brake gear with one lever Endorsed: application to underframe to Dg No 13561	29.4.08	1908	-	-	CI-C	373	
I6436	Revised Arrangement of McCord's Check Bearing Springs for 20 Tons Wagon	Full size elevations and plan of castings for steel framed wagons	-	1908	-	-	BP-C	373	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Spring for 20 Tons Wagon	Taite & Carlton Dg No 612 dated 27.11.07							
16436	Revised Arrangement of McCord's Check Bearing Springs for 20 Tons Wagon -.08 - -	Full size elevations and plan of axleguards, castings and helical springs replacing leaf bearing springs on steel framed wagons Taite & Carlton Dg No 612A dated 19.2.08	-	1908	-	-	BP-C	373	
16438	Four Wheels 20 Tons Goods Brake-Arrangement of Body C65	1 ½" to 1' elevations, section and plan of 17'6" body Endorsed: altered to green for P73 and future classes 27.3.13; altered also 18.1.18 for additional internal fittings for existing and future brakes	13.8.08	1908	C65	56W	P-C	372	3
16438 Ren	Four Wheels 20 Tons Goods Brake-Arrangement of Body Class C65	1 ½" to 1' general arrangement of 17'6" body My note: drawing originally dated 13.8.08	- .1.16	1916	C65	56W	PL	209	-
16440	Bearing Spring for 20 Ton Goods Brake C65 Class	3" to 1' elevation, plan and section of 10 plate spring 4'4½" centres unloaded Endorsed: altered 15.3.09 to 4'4¼" centres	21.5.08	1908	C65	56W	CI-C	373	
16441	Details of Ironwork for 4 Wheeled 20 Ton Goods Brake C65, R65 Classes	3" to 1' details of numerous components for underframe and body Endorsed: work to alterations shown in green for P73 and future classes 27.3.13; work to red for continuous draw gear P66 and future classes 23.12.09; other modifications to 11.1.35	- .8.08	1908	C65	56W	CI-C	372	
16442	Four Wheeled 20 Ton Goods Brake-Details of Brakework	3" to 1' details of components Endorsed: altered for class R65 15.2.09; for P66 13.4.11 Superseded by Dg No 23629 29.12.21	23.7.08	1908	C65	56W	CI-C	372	
16458	Details of Underframe 17Ft High Sided Goods Wagon LM4198, E64, E65	3" to 1' details of components for steel underframe Endorsed: altered for F70 and future classes 13.12.11; for GA see Dg No 15956	- .5.08	1908	LM4198 E64 E65	55W	CI-C	372	
16464	Carriage Bogie Bearing Spring	3" to 1' elevation, plan and section of 7 plate spring 4'0" unloaded for B65 and future classes Endorsed: altered 30.9.08 & 12.3.09	13.5.08	1908	C65	56W	CI-C	373	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6465	Asbestos Clothing for Tram Engines Class C32 with Boilers to Dg No 10289	1 1/2" to 1' details of 8 mattresses	28.5.08	1908	C53	J70	CI	358	
I 6480	Patent Brake Block Adjuster Fitted to Wagon with Combined Vacuum and Hand Brake	1 1/2" to 1' side elevation and plan of lever, adjuster and linkage to Vacuum cylinder on steel framed wagon	26.5.08	1908	-	-	CI-C	373	
I 6482	Arrangement of Brake Third Class B65	3/4" to 1' arrangement of body including internal arrangement and fitted with electric light	16.6.08	1908	B65	537C	CI-C	372	
I 6484	Diagram Showing Position and Method of Fastening Tool Box on Tank Engines	3" to 1' outline elevations of tool box in relation to tank and front plate of cab and schedule of engines classes and dimensions for positioning	- .6.08	1908	-	-	CI	373	
I 6486	Adapter for Coupling GER Gangway to GWR Gangway	3" to 1' elevation, section and plan of 2'2 1/8" wide gangway and 6" to 1' details of components	3.6.08	1908	-	-	CI-C	372	
I 6489	Arrangement of Ballast Brake X64 Class	1 1/2" to 1' general arrangement of 20' van with wood frame Endorsed: altered for wheels and axles for S77 class, undated	- .6.08	1908	X64	58W	CI-C	372	
I 6489 Ren	Arrangement of Ballast Brake X64 Class	1 1/2" to 1' general arrangement of 20' brake My note: drawing originally dated 7.7.08	- .7.23	1923	X64	58W	PL-C	209	-
I 6490	Ironwork Details for Ballast Brake X64	3" to 1' details of components for body and underframe except brake gear	- .7.08	1908	X64	58W	CI-C	372	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16492	Proposed Cover for Egg Wagons	¾" to 1' outline elevation, sectional elevation and roof plan of 19'4" truck fitted with conventional roof with central opening above doors covered by tarpaulin	16.6.08	1908	-	-	CI-C	373	
16495	Four Wheels Coupled Bogie Express Engines D56 Class-Smokebox Door Arrangement	6" to 1' section and elevation of door Endorsed: detail added for class T67, E72, L77, S69; Dg No 16495 superseded by Dg No 25554	- .10.07	1907	D56	D15	CI-C	359	
16495	Joint Ring for Smokebox Door	Full size section showing use of asbestos tape to form seal	- .1.13	1913	-	-	CI-C	359	
16497	Cast Iron Weights fro 20 Ton Goods Brake Class C65	3" to 1' elevation and plan of 3 types of weight Endorsed: altered for R65 and future classes 12.2.09	- .7.08	1908	C65	55W	CI-C	372	
16498	Four Wheeled 20 Ton Goods Brake-Stanchion Packing Block C65, R65 Class 9.9.08	Full size elevations and plan of block	9.9.08	1908	C65	56W	CI-C	373	
16501	Express and Goods Engines Class S46, D56, F48, D72, G58, S69-Smokebox Door Details	3" to 1' and full size details of components Endorsed: altered for class S69; cancelled see Dg No 19141 25.2.14	- .10.08	1908	S46	D14	CI-C	360	
16505	Bearing Springs for Ballast Brakes Class X64	3" to 1' elevation, section and plan of 7 plate spring 5'0" when straight Endorsed: altered 15.3.08 & 6.10.08	16.7.08	1908	X64	58W	CI-C	278	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6509	Four Coupled Radial Tank Engines Class M15- Arrangement of Whitaker's Patent Tablet Exchange Apparatus	1½" to 1' arrangement of apparatus on cab side and details of components	- .7.08	1908	M15	F4	CI	358	
I 6522	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Whitaker's Patent Tablet Exchange Apparatus	1½" to 1' elevations of apparatus on cab side and 6" to 1' details of fittings Endorsed: altered to red for left hand side 1.9.08	- .7.08	1908	T26	E4	CI	358	
I 6523	Six Wheels Coupled Tank Engines T18 Class- Arrangement of Whitaker's Patent Tablet Exchange Apparatus	1½" to 1' arrangement of apparatus on cab side and 3" to 1' details of fittings	- .7.08	1908	T18	J66	CP	358	
I 6548	Details of Whitaker's Patent Tablet Exchange Apparatus	6" to 1' arrangement of apparatus and components	13.10.08	1908	-	-	P-C	358	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6552	Cast Steel Hornblocks for 25 Tons Machine Truck H65 Class	6" to 1' elevations and section of inside and outside hornblocks	5.11.08	1908	H65	27W	CI-C	278	-
I 6553	Cylinder Cocks for all Classes	Full size sections and plans of 9 cocks and the engines classes applicable Endorsed: altered 8.1.30	11.9.08	1908	-	-	CI-C	359	-
I 6554	Four Wheels Coupled Bogie Express Engines Class D56-Rod, Pipe and Clothing Details	1½" and 6" to 16 and full size details of numerous components Endorsed: numerous alterations	- .8.08	1908	D56	D15	CI	358	-
I 6559	Proposed Low Floored Milk Van for Main Line Service	¾" to 1' general arrangement of 34'6" body and interior plan, 3'0" diameter wheels My comment: was not proceeded with	25.9.08	1908	-	-	CI-C	277	-
I 6573	Diagram Showing Relative Positions of Nibs and Slots in Springs Supplied by Messrs. Steel, Peech & Tozer	Full size sectional view of spring showing position of nib in slot Endorsed: springs supplied to Dg No 16464	28.9.08	1908	-	-	CI-C	277	-
I 6576	Four Wheels Coupled Bogie Express Engines A64 (Class D56)-Arrangement of Indicating Gear	3" to 1' elevations and plan of gear fitted to No 1830 My note: an unfinished drawing, details taken from Shannon	- .10.08	1908	D56	D15	CP	358	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6577	Details for Indicating Gear	3" to 1' arrangement of gear and full size details of components	- .10.08	1908	-	-	CI	359	
I 6578	Six Coupled Tram Engines Class C53, C64- Arrangement of Automatic Governing Gear	Six Coupled Tram Engines Class C53, C64- Arrangement of Automatic Governing Gear	- .10.08	1908	C53 C64	J70	CI-C	358	
I 6580	25 Tons Machine Truck H65 Class-Details of Framing	1½" and 3" to 1' details of components	- .10.08	1908	H65	27W	CI-C	277	-
I 6581	Details of Ironwork for 25 Tons Machine Truck H65 Class	1½" and 3" to 1' details of ironwork and components	14.11.08	1908	H65	27W	CI-C	277	-
I 6586	Alteration to Buffers on O19 Class 14 Ton Machine Truck	Full size section and elevation of self contained buffers mounted on 1½" thick elm pad	3.11.08	1908	O19	25W	CI-C	278	-
I 6589	Bogie Springs for Tank Engines Class S44	Full size half elevation, section and plan of 10 plate spring 3'2¼" centres unloaded Endorsed: see Dg No 4079A for bogie spring for engines Classes E10 and 0171 to 0184	- .10.08	1908	S44	G4	P-C	360	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16595	Four Wheels Coupled Tank Engines Class P55-Intermediate Hornblock, Axlebox and Keep	6" to 1' elevations, sections and plan of hornblock and axlebox Endorsed: altered 1.12.25	- .10.08	1908	P55	F5	CI-C	359	
16596	Volute Suspension Spring for Bogie Carriages M40 Class and Outside Springs for No 16 Dining Saloon	Full size details of 9" diameter spring	19.10.08	1908	M40	209C 13C	CI-C	278	-
16600	Arrangement of Patent Brake Block Adjuster on Covered Goods Wagon Fitted with Combined Vacuum and Handbrake	1½" to 1' sectional elevations and plan of part of frame showing apparatus Endorsed: altered 11.6.13	28.10.08	1908	-	-	CI-C	278	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16602	Six Wheels Coupled Goods Engines Class G58 Fitted with Belpaire Boiler-Asbestos Clothing	1½" to 1' details of 12 mats	- .10.08	1908	G58	J17	CI	242	-
16608	Cast Steel Roof Bars Engines Class Y14 and T19, T26, N31, C32	3" to 1' elevations of 3 types of bar	19.11.08	1908	Y14 T19 T26 N31 C32	J15 D13 E4 J14 F3	P-C	242	-
16614	Stove Pipe and Rim for Ballast Brakes X64 Class	Full size elevation, plan and section of stove pipe Endorsed: altered 12.12.08	- .11.08	1908	X64	58W	CI-C	278	-
16616	Bearing Spring for 14 Ton Machine Truck	Full size elevation, section and plan of 5 plate spring 3'1" centres unloaded Endorsed: altered 25.3.09	27.10.08	1908	-	-	CI-C	278	-
16617	Six Wheels Coupled Tram Engines Class C53, C64- Details of Governing Gear	Full size details Endorsed: for other details see Dg No 13533	- .11.08	1908	C53 C64	J70	CI-C	242	-
16618	Side Bearing and Bolster Spring Gear for First Class Saloon X65	1½" to 1' outline side elevation and half end elevation showing spring gear with plan of springs	30.4.09	1909	X65	20C	OI-C	278	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16626	Six Wheels Coupled Tram Engines Class C53, C64-Spring and Spring Gear Details	Full size details of 3' springs	- .12.08	1908	C53 C64	J70	CI-C	242	-
16634	Arrangement of McCord's Frictional Check Bearing Spring as Fitted to 10 Ton Wagons	Full size elevation, plan and section of gear Endorsed: altered to red to suit Taite & Carlton's Dg No 710A 28.4.09	- .12.08	1908	-	-	CI-C	277	-
16639	T46 Class Tenders Fitted with Liquid Fuel Gear-Arrangement of Holders for Fire Irons	1½" to 1' outline elevations, sectional elevations and plan of tender showing modifications and 3" to 1' details of components Endorsed: altered 22.8.16 and 17.1.24	- .12.0	1908	T46	-	P-C	242	-
16649	Four Coupled Radial Tank Engines Y65 Class-Leading and Trailing Wheels	Full size elevations and section of 3'6" diameter 10 spoke wheel	- .12.08	1908	Y65	F7	CI-C	242	-
16649	Transporting of Coaches-Details of Timber Blocks, Etc.	1½" to 1' details of 9 types of timber block	- .10.14	1914	-	-	P	245	-
16650	Motion Plate Y65 Cast Steel	6" to 1' elevations, section and plan	6.1.09	1909	Y65	F7	CI-C	242	-
16651	Four Coupled Radial Tank Engines Y65 Class-Leading and Trailing Crank Axles	3" to 1' elevations	- .12.8	1908	Y65	F7	CI-C	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	and Framing Crank Axles	Endorsed: for intermediate axles see Dg No 14828							
16652	Four Coupled Radial Tank Engines Class Y65-Piston Rod and Cylinder Cover	Full size sections and elevations Endorsed: modified 11.5.48	- .1.09	1909	Y65	F7	CI	242	-
16653	Four Wheels Coupled Radial Tank Engines Y65 Class-Cylinders	3" to 1' elevations and section Endorsed: altered 31.3.17	8.2.09	1909	Y65	F7	P	242	-
16654	Four Wheels Coupled Radial Tank Engines Y65 Class-Framing	1½" to 1' elevations and plan Endorsed: amended 2.9.09	- .3.09	1909	Y65	F7	P	242	-
16655	Four Wheels Coupled Radial Tank Engines Class Y65-Boiler	1½" and 6" to 1' arrangement and full size details of riveting Endorsed: modified 6.5.09, 8.6.09, 10.11.13 and 28.4.15	- .2.09	1909	Y65	F7	P	242	-
16656	Four Wheels Coupled Radial Tank Engines Class Y65-Reservoir Footplate	3" to 1' elevations and plan	- .1.09	1909	Y65	F7	CP	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16657	Four Wheels Coupled Radial Tank Engines Y65-Expansion Bracket	6" to 1' elevations and plan	- .2.0	190	Y65	F7	P	242	-
16659	Four Wheels Coupled Tank Engines Class Y65-Slide Bar	Full size details and 3" to 1' elevation and plan	18.3.09	1909	Y65	F7	CI-C	242	-
16661	Four Wheels Coupled Radial Tank Engines Y65 Class-Safety Valve	6" to 1' elevations and plan of valve Endorsed: altered 5.22	- .4.09	1909	Y65	F7	P	242	-
16662	Four Wheels Coupled Tank Engines Y65 Class-Arrangement of Radial Axlebox	3" to 1' elevations, plan and sections Endorsed: for details see Dg No 16696; modified 23.6.09; modified 10.6.09 for Y65 and A67 class only	- .2.09	1909	Y65	F7	P	242	-
16663	Four Wheels Coupled Tank Engines Class Y65-Blast Pipe	6" to 1' sectional elevations and plan	31.3.09	1909	Y65	F7	P	242	-
16665	Four Wheels Coupled Radial Tank Engines Y65 Class-Driving and Intermediate Hornblocks	6" to 1' elevations and plan Endorsed: modified 1.12.25	- .1.09	1909	Y65	F7	CP	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6667	Four Wheels Coupled Radial Tank Engines Y65 Class- Cab, Tanks and Coal Bunker	1½" to 1' elevations and plan Endorsed: this tool box not required 8.9.09 and other undated alterations	- .4.09	1909	Y65	F7	P	242	-
I 6667	Four Wheels Coupled Radial Tank Engines A67 Class Y65-Alteration to Cab,Tanks and Coal Bunker	1½" to 1' elevations of cab and bunker and full size details of components Endorsed: altered 31.8.09	12.8.09	1909	Y65	F7	P	242	-
Att									
I 6668	Four Wheels Coupled Tank Engines Y65 Class-Valve Spindle	Full size elevation and plan Endorsed: modified 21.7.21	- .1.09	1909	Y65	F7	CI-C	242	-
I 6669	Four Wheels Coupled Radial Tank Engines Class Y65-Smokebox	3" to 1' sectional elevations and cylinders Endorsed: altered 29.10.09	11.3.09	1909	Y65	F7	P	242	-
I 6670	Four Wheels Coupled Radial Tank Engines Class Y65-Ashpan Arrangement	3" to 1' elevations and plan in relation to engine	- .4.09	1909	Y65	F7	P	242	-
I 6671	Four Wheels Coupled Radial Tank Engines Class Y65-Ashpan Details	3" to 1' and full size details of components	- .4.09	1909	Y65	F7	P	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6672	Four Wheels Coupled Tank Engines Class Y65-Reversing Shaft Brackets	Full size details of brackets	22.3.09	1909	Y65	F7	P	247	-
I 6673	Four Wheels Coupled Radial Tank Engines Y65 Class-Springs	3" to 1' elevations and plans of four types of spring Endorsed: amended on 28.6.09 and for A67 and future engines 1.7.09	- .3.09	1909	Y65	F7	P	247	-
I 6674	Four Coupled Radial Tank Engines Class Y65-Driving and Intermediate Axle Box	Full size elevations and sections Endorsed: altered to red 22.3.20	- .2.09	1909	Y65	F7	P	247	-
I 6675	Four Wheels Coupled Radial Tank Engines Class Y65-Tank Connecting Pipe	3" to 1' details of pipe Endorsed: amended for engines class A67	7.4.9	1909	Y65	F7	P	247	-
I 6677	Four Wheels Coupled Radial Tank Engines Class Y65-Front and Back Cab Windows 7.4.09 Y65 F7	3" to 1' elevations and plan and full size details Endorsed: for front and back windows A67 class see Dg No 16736 10.7.09; steel communication chain to be used in place of brass chain 24.12.15	7.4.09	1909	Y65	F7	P	242	-
I 6678	Four Wheels Coupled Radial Tank Engines Class Y65-Cab Side Windows	3" to 1' arrangement of windows and full size details of components Endorsed: altered to red for engines class A67 23.7.09	5.4.09	1909	Y65	F7	P	242	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6679	Cast Steel Driving and Intermediate Wheels Y65 Class	3" to 1' elevations and section of 4'10" on tread	- .3.09	1909	Y65	F7	P	242	-
I 6680	Four Wheels Coupled Radial Tank Engines Class Y65- Coupling Rod and Crank Pin	Full size elevations and plan Endorsed: amended 20.12.30 and 25.10.48	- .3.09	1909	Y65	F7	P	242	-
I 6681	Four Wheels Coupled Radial Tank Engines Class Y65- Tank Stays	3" to 1' arrangement showing position of stays and full size details of stays Endorsed: altered 17.6.09	- .5.09	1909	Y65	F7	P	348	
I 6682	Four Wheels Coupled Radial Tank Engines Y65 Class- Indicating Gear	3" to 1' elevations and plan of gear in relation to smokebox	24.6.09	1909	Y65	F7	CP	349	
I 6683	Four Wheels Coupled Radial Tank Engines Class Y65- Frame and Boiler Stay	3" to 1' details of boiler stay and full size details of frame stay	- .4.09	1909	Y65	F7	P	348	
I 6684	Four Wheels Coupled Radial Tank Engines Class Y65- Details of Boiler Stays	Full size details of stays	- .4.09	1909	Y65	F7	CP	348	
I 6685	Four Wheels Coupled Radial Tank Engines Y65 Class- Rod, Pipe and Clothing Arrangement	1½" to 1' side and end elevation and plan of 2-4-2 engine Endorsed: altered to red for A67 25.10.09 and 7.12.09	10.6.09	1909	Y65	F7	P	348	3
I 6686	Four Wheels Coupled Radial Tank Engines-Rod, Pipe and Clothing and Injector Details Class Y65	Full size injector details and various clips and brackets Endorsed: altered 17.9.09, 26.10.09 and 26.6.10	- .6.09	1909	Y65	F7	P	348	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16686	Alteration to Vacuum Pipe for Engines Class T19 Belpaire with G16 Bogie	1½" to 1' elevation and plan showing pipe run on outline of frame	- .12.04	1904	T19	D13	CP	361	
Att									
16687	Four Wheels Coupled Radial Tank Engines Class Y65- Arrangement of Spring Gear	3" to 1' elevations and plans for each pair of wheels Endorsed: altered to blue for A67 and future engines 1.7.09; altered to red for Y65 and future engine 21.6.09; for details see Dg No 16688	- .5.09	1909	Y65	F7	P	349	
16688	Four Wheels Coupled Radial Tank Engines Class Y65- Spring Gear Details	Full size details of numerous components Endorsed: altered for class A67 and future engines 1.7.09 and for Y65 and future engines 21.6.09	- .5.09	1909	Y65	F7	P	349	
16690	Four Wheels Coupled Radial Tank Engines Class Y65- Reversing Shaft	3" to 1' and full size details of shaft and fittings	- .4.09	1909	Y65	F7	P	348	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I6691	Four Wheels Coupled Radial Tank Engines Y65 Class-Arrangement and Details of Reversing Gear	3" to 1' elevations and plan of gear and bracket with full size details	- .4.09	1909	Y65	F7	CP	349	
I6692	Four Wheels Coupled Radial Tank Engines Y65 Class-Reversing Screw Bracket	Full size elevations and plan of bracket and components Endorsed: altered 24.5.09, 20.7.09 and 1.12.09	- .4.09	1909	Y65	F7	P	349	
I6693	Four Wheels Coupled Radial Tank Engines Y65 Class-Cab, Tank and Bunker Details	3" to 1' and full size details of components Endorsed: altered for B74 class 12.6.13	- .6.09	1909	Y65	F7	P	349	
I6694	Four Wheels Coupled Radial Tank Engines Class Y65 & A67-Asbestos Clothing 4.09	1½" to 1' plans of 9 asbestos mats	- .4.09	1909	Y65	F7	CI	348	
I6695	Four Wheels Radial Tank Engines Y65 Class-Driving Sand Box Arrangement and Details	6" to 1' elevations and plan of sandbox and fittings	- .4.09	1909	Y65	F7	CP	348	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16696	Four Wheels Coupled Tank Engines Y65 Class-Details of Radial Axlebox	3" to 1' details of components Endorsed: altered 22.6.09 and 4.10.09 for classes Y65 and A67; altered for engines Nos 1300 and 1301 only 21.6.09 For arrangement of radial axlebox see Dg No 16662	- .4.09	1909	Y65	F7	P	348	
16697	Four Wheels Coupled Radial Tank Engines Y65 Class-Trailing Axlebox	3" to 1' elevations, plan and sections with details	- .4.09	1909	Y65	F7	P	348	
16698	Four Wheels Coupled Radial Tank Engines Class Y65-Cylinder Cock and Sanding Gear Details	1½", 3" and 6" to 1' and full size details of fittings	-	1909	Y65	F7	CP	348	
16699	Four Wheels Coupled Tank Engines Class Y65-Brake Arrangement	1½" to 1' outline elevations and plan of engine showing arrangement of brakework	- .5.09	1909	Y65	F7	BL	348	
16699	Four Wheels Coupled Tank Engines Class Y65-Brake Arrangement	1½" to 1' arrangement on outline elevations and plan of engine Endorsed: altered 29.4.22	- .5.09	1909	Y65	F7	P	349	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16699	Arrangement of Additional Westinghouse Pump on Auto Train Engine	1½" to 1' arrangement of pump in relation to part elevations and plan of engine	- .10.14	1914	Y65	F7	P	349	
Att									
16700	Four Wheels Coupled Radial Tank Engines Y65 Class- Brake Gear Details	Endorsed: altered 13.7.33 Note: drawing virtually illegible	- .5.09	1909	Y65	F7	CP	349	4
16702	Buffer, Spindle and Guide Tenders S23 and T46 Classes	Full size elevations and plan	27.9.09	1909	S23	-	CP	349	
16711	Vacuum Ejector with Auxiliary Application Valve- Arrangement on Boiler Engines Class D56	6" to 1' arrangement of valve with full size details	14.6.09	1909	D56	D15	P-C	348	
16712	Tool Box for Engines and Tenders	6" to 1' elevations and plan of tool box made of 1/8" plate with full size details of fittings Endorsed: work to red for large tool box for tenders classes A53 and R43; for large toolbox for tenders T46 see Dg No 11447; hinges for lid altered to blue 25.2.26	- .6.09	1909	-	-	CI	348	
16714	No 40 Combination Ejector with Auxiliary Application Valve Vacuum Automatic Brake Type C	Full size undimensioned elevations of left hand ejector Copy of Vacuum Brake Co Dg 10377 dated 27.2.08	17.6.09	1909	-	-	P	348	
16717	Four Wheels Coupled Bogie Express Engines Class D56-Cast Iron Chimney Base for Petticoat	6" to 1' sectional elevations and plan Endorsed: altered for classes S46, T19 Belpaire, F48, G65, S69, E72; see Dg No 23278 for K85 21.12.20	- .6.09	1909	D56	D15	CI-C	348	
16721	Oil Box for Saddle Pins for Tender Engines	Full size arrangement of pin	- .6.09	1909	-	-	CP	348	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6721	Six Wheels Bogie Express Engines Class 1500 Type B12-Oil Cup and Oil Pipe for Lubricating Saddle Pins	Full size elevations Endorsed: altered for class N7 engines 18.4.56	7.5.19	1919	S69	B12	P	349	
I 6728	Four Wheels Coupled Tank Engines Class P55-Arrangement and Details of Trailing Sand Box	3" to 1' arrangement of sandbox and full size details of components	- .7.09	1909	P55	F5	CI	349	
I 6733	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details for Wakefield's Patent Mechanical Lubricator	1 1/2" to 1' arrangement in relation to part side elevation and plan of engine and 6" to 1' and full size details of components Endorsed: altered 30.6.39	- .8.10	1910	D56	D15	P	349	
I 6736	Four Wheels Coupled Radial Tank Engines A67 Class-Front and Back Cab Windows	3" to 1' elevation of cab end and full size details of fittings Endorsed: steel communication chain to be used in place of brass chain	- .8.09	1909	A67	F7	CP	349	
I 6746	Pressed Steel Lid for Wagon Axlebox 'E'	Full size sections and plan	30.12.08	1908	-	-	CI-C	278	-
I 6765	Bearing Spring for Milk Vans A66 and Parcels Vans D66	3" to 1' elevation, section and plan of 6 plate spring 5'0" when straight D66 39M Enorsed: altered 15.3.09	30.1.09	1909	A66 D66	40M 39M	CI-C	278	-
I 6791	Emergency Coupling for Suburban Carriages	Full size elevation and plan of link that uses the twin lugs either side of the central drawbar Endorsed: altered 14.4.09	- .3.09	1909	-	-	P-C	277	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6792	Ironwork Details for Side Bearing and Bolster Spring Gear for First Class Saloon X65 Class	3" to 1' details of components	- .3.09	1909	X65	20C	CI-C	278	-
I 6799	Arrangement of Accelerating Apparatus for Vacuum Brake on 19Ft Covered Goods Wagons	1½" to 1' sectional elevations and plan of part of frame showing arrangement of apparatus	8.3.09	1909	-	47W	P-C	278	-
I 6800	Arrangement of Accelerating Apparatus for Vacuum Brake on 10 Tons Goods Brake	1½" to 1' sectional elevations and plan showing apparatus on underframe	8.3.09	1909	-	1W	P-C	277	-
I 6802	Alterations to Sand Trap	Full size section of trap and details of components Endorsed: one express engine and one coal engine fitted for trial; altered 18.11.09	- .3.09	1909	-	-	PC	349	
I 6804	Bearing Spring for First Class Saloon X65	3" to 1' elevation, section and plan of 7 plate spring 5'0" centres when straight Endorsed: altered 22.3.10 & 19.12.14; camber altered for T66 and future classes; for bearing spring for G, H & I78 and future stock see Dg No 17566 19.12.14	8.3.09	1909	X65	20C	CI-C	278	-
I 6807	Alteration to Spring Seat and Lug Opening of 'P' Axlebox for First Class Saloon X65	Full size section and plan Endorsed: altered 19.10.09 & 25.8.10; to be attached to Dg No 16125 Shop Copy	- .3.09	1909	X65	20C	P-C	278	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16809	Standard Wagon Axlebox E	Full size elevations, plan and sections with details of 3 brasses: ordinary 3¾" dia, 20 tons machine trucks 4¼" dia and 5 tons travelling cranes 4" dia	- .3.09	1909	-	-	CI-C	277	-
16815	Buffing Springs	3" to 1' elevation, plan and section of 12 plate spring 4'11" unloaded Endorsed: buckle amended 29.1.14	- .4.09	1909	-	-	P-C	278	-
16816	Six Wheels Coupled Bogie Express Engines Class A73- Air Sanding Valve	Full size elevations and plan of valve	17.12.12	1912	A73	B12	P	348	
Att									
16816	Air Sanding Valve for Engines D56 Class	Full size sections of valve also applicable to class S69	- .3.09	1909	D56	D15	P-C	349	
16817	First Class Saloon X65-Arrangement of and Details of Truss for Bogies	1½" and 3" to 1' details of truss rods for 8' wheelbase bogie with inverted L section solebar Endorsed: altered 2.4.09; also to be fitted to bogies built to Dg No 16024 22.4.09; these holes to be marked off from frame for use on spare bogies altered to Dg Nos 20777 and 20776	- .4.09	1909	X65	20C	P-C	278	-
16820	Wagon Draw Springs	Full size details of 6½" diameter spiral spring Endorsed: superseded by Dg No 18456							
16821	Wagon Auxiliary Draw Springs	Full size details of 7¼" diameter spring Endorsed: cancelled see new Dg No 18736 4.6.13	- .4.09	1909	-	-	P-C	277	-
16834	General Arrangement of Gunpowder Van G66 Class	1½" to 1' general arrangement of 16'0" steel plated van and underframe	13.5.09	1909	G66	62W	P-C	277	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16861	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of Steam Heating Apparatus	1 1/2" to 1' arrangement of apparatus shown in relation to part elevations and plan of engine and full size details Endorsed: for other details see Dg No 14826 & 17518; altered in green for engines fitted with the Vacuum brake; for arrangement of steam heating pipe to leading end of engine see Dg No 17518; other alterations dated 28.12.11	- .7.09	1909	D56	D15	P	349	
16874	GNR, GCR & GER Arrangement of 10 ton Covered Goods Wagon	1 1/2" to 1' general arrangement of 19' van fitted with oil axleboxes with full size sections of doorway Endorsed: for internal ventilator see Dg No 23801 29.8.22; chamfers on body sheeting modified 7.1.14	15.9.09	1909	P68	72W	P	370	
16876	GNR, GCR & GER Arrangement of 17ft 10 Ton Open Goods Wagon	1 1/2" to 1' general arrangement of 7 plank wagon 4' 0 1/2" deep with top doors and fitted with oil axleboxes	- .9.09	1914	-	73W	P	370	
16878 -1	GER 10 Ton Covered Goods Wagon L69-Details of Framework	1 1/2" to 1' details of numerous components Endorsed: 50 of P68 built to this but altered to L69 6.1.11; altered 25.2.13 My note: title originally GNR, GCR & GER	- .9.10	1910	-	72W	P	370	
16879 -1	GNR, GCR & GER -Frame Details of 17Ft 10 Ton Open Goods Wagon	3" to 1' details of numerous components Endorsed: work to green for wagons fitted with taper nose doors	- .8.10	1910	-	73W	P	370	
16880	GNR, GCR, GER-Details of Ironwork for 10 Ton Covered Goods Wagon (Wood Framed Body)	1 1/2" & 3" to 1' details of components Endorsed: signed by Ivatt, Robinson and Holden	- .6.10	1910	-	-	P	371	
16881	GNR, GCR & GER-Details of Ironwork for 10 Ton Covered Goods Wagon (Steel Framed Body)	1 1/2" and 3" to 1' details of numerous components, dg signed by Ivatt, Robinson and Holden	- .7.10	1910	-	-	P	370	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 6882	GNR, GCR & GER-Details of Ironwork for 19Ft 10 Tons Open Goods Wagon (Wood Frame)	3" to 1' details of numerous components	- .7.10	1910	-	-	P	370	
I 6884	GNR, GCR & GER-Details of Ironwork for 17Ft 10 Ton Open Goods Wagon	3" to 1' details of numerous components	- .7.10	1910	-	-	P	370	
I 6884	GNR, GCR & GER-Details of Ironwork for 17Ft 10 Ton Open Goods Wagon	3" to 1' details of numerous components Endorsed: signed by Ivatt, Robinson and Holden	- .7.10	1910	-	-	P	371	
I 6886	GNR, GCR & GER Wagon Wheel and Axle	3" to 1' elevations of wheel and wheel set with 8" x 3¾ journals at 6'6" centres and full size section of tyre Endorsed: signed by Ivatt, Robinson and Holden	18.8.09	1909	-	-	P	371	
I 6886 -I	GER Wagon Wheel and Axle	3" to 1' elevations of wheel and wheel set with 8" x 3¾ journals at 6'6" centres and full size section of tyre	- .8.10	1910	-	-	P	371	
I 6887	GNR, GCR & GER-Axlebox	Full size elevations, sections and plans of oil axlebox for 8" x 3 ¾" journals	- .10.10	1910	-	-	P-C	370	
I 6887 -I	GER Axlebox	Full size elevations, sections and plans of oil axlebox for 8" x 3 ¾" journals Endorsed: several alterations to I.I.20; for bearing see Dg No 23199; title altered from GNR, GCR & GER	- .10.10	1910	-	-	P	370	
I 6887 -I	Axlebox A.I.	Full size elevations, sections and plans of oil axlebox for 8" x 3 ¾" journals Endorsed: altered I.I.20 & 26.9.27; for future bearings see Dg No 23199	4.9.17	1917	-	-	P	370	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My note: this is an adaptation of the axlebox in Dg No 16887 but with modifications to suit GER							
16888	GNR, GCR & GER-Screw Coupling for Wagons Fitted with Vacuum Brake Pipe	Full size elevation and plan of coupling with written details of modifications to be made to buffers, springs and guides Endorsed: altered to red 9.7.12	- .7.10	1910	-	-	P	371	
16888	GNR, GCR, GER-Screw Coupling for Wagons Fitted with Vacuum Brake Pipe	Full size elevation and plan of coupling Endorsed: signed by Ivatt, Robinson and Holden	- .7.10	1910	-	-	P	371	
16889	GNR, GCR & GER-Cast Iron Details for Wagon	6" to 1' details of bearing and buffing spring shoes, stops and packing block for wood and steel frames Endorsed: signed by Ivatt, Robinson and Holden	28.1.10	1910	-	-	P	371	
16891	GNR, GCR & GER Buffer Guide for Wagons	Full size side and end elevations of ribbed guide projecting 11"	- .7.10	1910	-	-	P	443	2
16892	GNR, GCR & GER Details of Brakework for 15, 17 and 19 Ft 10 Ton Coal and Covered Goods Wagons	3" to 1' elevations and plans of components with full size details of clutch and lever end	- .7.10	1910	-	-	P	448	2
16892 -1	GER Details of Brakework for 17Ft and 19Ft 10 Ton Open and Covered Wagons	3" to 1' details of brake work components with full size enlargement of clutch Endorsed: numerous alterations	- .8.10	1910	-	-	P	437	
16893	GNR, GCR & GER Private Owners Buffing Spring Fitted to 19Ft Wood Framed Wagons	1½" to 1' part sectional elevation and plan of wooden framed wagon	- .7.10	1910	-	-	P-C	437	
16896 -1	GER Wagon Bearing Spring	Full size half elevation and plan of 4 plate spring 3' 5 7/8" centres unloaded and section	- .8.10	1910	-	-	P-C	448	2
16896	GNR, GCR & GER Wagon Bearing Spring	Full size half elevation and plan of 4 plate spring 3' 5 7/8" centres unloaded and section	- .8.10.	1910	-	-	P-C	448	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16897	GNR, GCR, GER Buffing Spring	Full size half elevation and plan of 12 plate spring 4'11" centres unloaded and section	- .7.10	1910	-	-	P-C	437	
16897 -1	Wagon Buffing Spring	Full size half elevation and plan with section of 12 plate spring 4'11" unloaded Endorsed: altered 29.1.14	- .8.10	1910	-	-	P	437	
16898	GNR, GCR & GER Private Owners Buffing Spring	Full size half plan of. 14 plate spring 5' 10½" centres and section through buckle	- .7.10	1910	-	-	P-C	443	2
16899	GNR, GCR & GER Details of Framework Etc to Suit Private Owners Buffing Gear 7.10.	3" to 1' details of components for various steel framed wagons	- .7.10	1910	-	-	P	437	
16900	GNR, GCR & GER Private Owners Buffing Spring Fitted to 15Ft 10 Ton Coal Wagon	1½" to 1' part sectional side elevation of frame and plan	- .7.10	1910	-	-	P	437	
16910	Buffing Spring for 20 Ton Goods Brake P66	Full size half elevation and plan of 10 plate spring 5'0" unloaded and section	- .8.09	1909	P66	56W	P	437	
16916	Steam Cock for Sight Feed Lubricator and Pressure Gauge for All Classes except T19 Belpaire and Y65	Full size elevation and sectional elevation of cock Endorsed: for T19 Belpaire see Dg No 13447; for Y65 see Dg No 16686	13.9.09	1909	-	-	CI-C	332	
16917	Headstock Cap and Buffer Shoe for Cattle and Horse Boxes (Wood Frames)	Full size elevations and plans of the two components	- .9.09	1909	-	-	P	437	
16919	General Arrangement of Cattle Wagon with Wood Underframe C67 Class	1½" to 1' elevations, sections and plan of 18' 7" over headstocks Endorsed: altered 12.5.11 & 14.8.13 8 for E76 and future stock, single brake to be fitted on both sides; 12.5.11 height increased by 3½" for D70 and future stock	- .10.09	1909	C67	71W	P	443	2
16922	Four Wheels Coupled Bogie Express Engines Class D56-Brake Details	3" to 1" and full size details of components Endorsed: altered 14.9.15, 22.6.26 and 13.7.33	- .10.09	1909	D56	D15	CI	332	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16922	Four Wheels Coupled Bogie Express Engines Class D56-Brake Details	6" to 1' details of 6 components	31.1.16	1916	D56	D15	P	332	
16924	Side, End and Roof Plates for Gunpowder Van G66	1 ½" to 1' details of 8 body and roof plates and 3" to 1' plan of roof joint plate Endorsed: altered S72 class and future classes 16.10.12	12.10.09	1909	G66	62W	CI-C	448	I
16929	Arrangement of Slip Appliance	3" to 1' elevations of lever operating brake valve in brake van Endorsed: see D No 213	- .7.08	1908	-	-	P	437	
16931	Engines Classes Y14, T19, T26, N31, C32-Foundation Ring	3" to 1' arrangement of ring and full size details of riveting Endorsed: altered for Y14 class fitted with steel firebox 28.11.16	- .10.09	1909	Y14 T19 T26 N31 C32	J15 D13 E4 J14 F3	CI-C	332	
16941	Four Wheels Coupled Tank Engines Class P55-Foundation Ring	3" to 1' arrangement of ring and full size sections of riveting	8.11.09	1909	P55	F4	CI-C	332	
16942	20 Ton Loco Coal Wagons-Wheel (Fitted with Gibson Ring) and Axle	6" to 1' half elevation and section of 3'1" 9 spoke wheel, full size section through rim and 3" to 1' elevation of axle	18.11.09	1909	-	-	CI	437	

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16947	GNR, GCR & GER Arrangement of McCord's Spring Dampeners Fitted to Steel and Wood Framed Wagons	Full size side and end elevations showing the dampener on frames with 3'2" dia wheels	- .7.10	1910	-	-	P-C	443	2
16948	Standard 10 Ton Wagon Wheel (Fitted with Gibson Ring) and Axle	6" to 1' half elevation and section of 3'1" 8 spoke wheel, full size section through rim and 3" to 1' elevation of axle Endorsed: superseded by Dg No 20307	- .11.09	1909	-	-	CI-C	437	
16954	Sketch Showing Relative Positions of Engine and Tender and Carriage and Wagon Buffers	1½" to 1' side elevation and plan of buffer positions	22.11.09	1909	-	-	CP	332	
16955	Punt for Pyewipe Loco	1½" to 1' elevations, plan and sections of 11' long punt 5' wide total depth of 1'6" for up to 6 men	- .11.09	1909	-	-	CI-C	332	
16957	Proposed Alteration to 6 Wheeled 20 Ton Machine Truck to Enable it to Run Round a 2½ Chain Curve	3" to 1' end elevation of centre wheels and sections of axlebox and journal standing on a 2 1/2 chain curve and plan of wheel positions	24.11.09	1909	Z44	26W	P	443	2
16974	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details for Detroit Sight Feed Lubricator	½" to 1' arrangement of lubricator shown on part of cab and full size details of brackets and unions	- .1.10	1910	D56	B12	P	332	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16976	Four Wheels Coupled Radial Tank Engines Class P55- Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement on outline of part of engine and 3", 6" to 1' and full size details of fittings and components	20.1.10	1910	P55	F4	CIC	331	
16988	Arrangement of Brake Work for Antwerp Train L67	¾" to 1' arrangement of 50ft body of full brake showing side and two end elevations and plan	- .2.10	1910	L67	539C	CI-C	447	1
16992	Four Wheels Coupled Radial Tank Engines Class P55- Arrangement of Cab	1½" to 1' elevations and plan of cab and full size details of brackets	- .2.10	1910	P55	F4	CI	331	
16993	Cast Iron Condensing Vent Pipe Four Wheels Coupled Radial Tank Engines P55 Class	3" to 1' elevations and plan of pipe shown in relation to cab front Endorsed: not required for G69, see Dg No Att 14319 25.2.11	- .2.10	1910	P55	F4	P-C	331	
16997	Four Wheels Coupled Radial Tank Engines Class P55- Rod, Pipe, Clothing and Brake Arrangement	1½" to 1" elevation, end elevation at cab end and plan	- .2.10	1910	P55	F4	CI-C	330	
16997	Four Wheels Coupled Radial Tank Engines Class P55 (F4)-Rod, Pipe, Clothing and Brake Arrangement	1½" to 1" elevation, end elevation at cab end and plan Endorsed: proposed arrangement of steam sanding to driving wheels shown in red	30.3.11	1911	P55	F4	P	330	3
16997	Four Wheels Coupled Radial Tank Engines Class P55 (F4)-Rod, Pipe, Clothing and Brake Arrangement	1½" to 1" elevation, end elevation at cab end and plan Endorsed: proposed arrangement of steam sanding to driving wheels shown in red	30.3.11	1911	P55	F4	P	330	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17006	Bending Moment Diagrams of Four Coupled Radial Tank Engine Y65 Class on a 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	14.7.09	1909	Y65	F7	CI	331	
17050	BM Diagram of Four Wheels Coupled Tram Engine Crossing 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	- .11.09	1909	-	-	CIP	330	
17051	BM Diagram of Four Wheels Coupled Shunting Engine 209 Class Crossing 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	8.11.09	1909	-	-	CIP	330	
17052	BM Diagram of Six Wheels Coupled Tank Engine T18 Class Crossing 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	8.11.09	1909	-	-	CI	330	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17053	BM Diagram of Six Wheels Coupled Tank Engine E22 Class Crossing 20'0" Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	8.11.09	1909	-	-	CI	330	
17066	Four Wheels Coupled Radial Tank Engines ClassP55- Proposed Alteration to Valve Spindle and Steam Chest Cover	Full size details of cover and 6" to 1' elevation of valve spindle	- .12.09	1909	P55	F4	CI-C	331	
17105	Four Wheels Coupled Radial Tank Engines M15 Class (650)-Diagram of Eng. on 6 Chain Curve	1 1/2" to 1' plan view of wheels on rails	- .6.10	1910	M15	-	P	331	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17148	Diagram Showing Proposed Position of Tail Lamp Irons	1/2" to 1' outline end elevations of 5 types of main line and suburban carriage showing lamp iron positions and removal of existing fittings Endorsed: main line carriage with gangway see Dg No 19106	3.10.10	1910	-	-	P	436	
17173	Six Wheels Coupled Goods Engines Class G58 (F48)-Arrangement of Dry Sanding Gear	1 1/2" to 1' arrangement shown on part elevations and plan of engine Endorsed: steam cock and pipes for rail cleaning not required 9.8.18	- .10.10	1910	G58	J16	P	331	
17189	Four Wheels Coupled Radial Tank Engines Class G69-Connecting Rod	Full size elevations and plan of rod Endorsed: altered 21.7.21, 7.5.23, 5.6.25 and 21.1.26	- .12.10	1910	G69	F6	CI	332	
17201	Six Wheels Coupled Bogie Express Engines Type B12 Class S69-Framing Arrangement	1 1/2" to 1' elevations and plan of frame Endorsed: frame stay modified 5.34; for alteration to this frame to suit cylinders to Dg 29864 see Attachment to this drawing	- .9.31	1931	S69	B12	PL	209	-
17201	Alteration to Frame to Suit Cylinders to Dg No 29864-Engines Type B12	1 1/2" to 1' side elevation of frame at bogie end	- .2.35	1935	-	B12	PL	209	-
Att									
17202	Six Wheels Coupled Bogie Express Engines Class S69-Bogie Arrangement	6" to 1' elevations, sections and plan of 6'6" wheelbase bogie Endorsed: for bogie centre rubbing disc see Dg No 30636 and alterations to controlling gear see Dg No 29586 18.7.34	- .6.11	1911	S69	B12	P	332	
17204	Six Wheels Coupled Bogie Express Engines Class S69-Intermediate and Trailing Wheels	3" to 1' elevation and section of 6'0" diameter wheel and full size sections Endorsed: for profiles of tyres see Dg No 17284 21.12.11	- .8.11	1911	S69	B12	P	330	
17205	Six Wheels Coupled Bogie Express Engines Class S69-Crank Axle	3" to 1' elevations of crank axle Endorsed: see Dg No 19802 for B78 24.3.15	-3.10	1910	S69	B12	CIC	330	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17212	Six Wheels Coupled Bogie Express Engines Class S69, E72-Connecting Rod	Full size elevations, plans and sections of rod E72 J18 Endorsed: numerous alterations up to 29.7.25	- .5.10	1910	S69 E72	B12 J18	CIC	330	
17213	Six Wheels Coupled Bogie Express Engines Classes S69, E72, D81-Crosshead	Full size elevations, plans and sections of crosshead E72 J18 Endorsed: several alterations up to 9.7.24	- .5.10	1910	S69 E72 D81	B12 J18 J20	CIC	330	
17215	Six Wheels Coupled Bogie Express Engines Class (blank)-Cylinders	3" to 1' sections, elevations and plans of cylinder Endorsed: cancelled see Dg No 17223 26.4.11	- .4.10	1910	-	-	CP	330	3
17215	Six Wheels Coupled Bogie Express Engines Class S69- Foundation Ring	1/4" to 1' arrangement of ring and full size details of riveting	25.3.11	1911	S69	B12	P	331	
17216 Ren	Engines Type B12-Driving Axlebox and Hornblock	6" to 1' elevations, sections and plans Endorsed: altered 9.53	5.8.42	1942	-	B12	P	330	
17217	Six Wheels Coupled Bogie Express Engines Class S69- Bogie Pin and Stretcher	3" to 1' elevations and plan of components	23.5.11	1911	S69	B12	P	331	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17220	Six Wheels Coupled Express Engines S69 Class- Alteration to Bottom of Footplate Casting	3" to 1' elevation and plan of casing	11.5.11	1911	S69	B12	P	330	
17220	Six Wheels Coupled Bogie Express Engines-Reservoir Footplate	3" to 1' elevations, plans and sections	- .7.10	1910	S69	B12	P	332	3
17221	Six Wheels Coupled Bogie Express Engines Class S69- Smokebox	3" to 1' sectional side and end elevation of smokebox and cylinders	- .10.11	1911	S69	B12	PL-C	368	
17222	Six Wheels Coupled Bogie Express Engines Class S69- Flanged Boiler Plate	1½" to 1' elevations of 6 types of flanged plate	- .4.11	1911	S69	B12	CI	367	
Part									
17222	Six Wheels Coupled Bogie Express Engines Type B12 (Class S69)-Boiler	1½" to 1' elevations, sections and plan of boiler with 6" to 1' details of joints and riveting	2.10.31	1931	S69	B12	PL	368	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren									
17223	Six Wheels Coupled Bogie Express Engines Class S69, E72-Cylinders with Piston Valves	6" to 1' elevations, plans and sections of cylinders Endorsed: altered 17.9.12 and 13.10.20; altered for class E72 see also Attachments 1 and 2	16.1.11	1911	S69	B12	CI	367	
17223	Six Wheels Coupled Bogie Express Engines Class S69- Cylinders with Piston Valves	3" to 1' elevations, sections and plan of cylinder	- .12.19	1919	S69	B12	P	368	
17223 Ren	Six Wheels Coupled Bogie Express Engines Class B12- Cylinders with Piston Valves	3" to 1' elevations, sections and plan of cylinder Endorsed: renewed 12.30; for alteration to cylinder flanges see Dg No 17223E Att No 2	- .12.19	1919	S69	B12	P-C	368	
17224	Six Wheels Coupled Bogie Express Engines Class S69- Piston Valves and Spindle	Full size elevations	- .7.11	1911	S69	B12	P	367	
17225	Six Wheels Coupled Bogie Express Engines S69 Class, E72-Valve Bushing for Piston Valve	Full size elevations of bushing and development of steam ports Endorsed: altered 5.11.13 and 30.3.16; for two part valve bushing for piston valves with narrow rings see Dg No 23240	3.3.11	1911	S69 E72	B12 J18	P	369	
17226	Six Wheels Coupled Bogie Express Engines S69, E72- Valve Chest Covers	Full size elevation and section Endorsed: altered 4.12.11, 7.11.31 and 31.8.32	- .3.11	1911	S69 E72	B12 J18	CI-C	369	
17227	Six Wheels Coupled Bogie Express Engines Class S69, E72-Front Cylinder Cover and Tightening Bolt	6" to 1' section and elevation of cover and full size details of bolt Endorsed: altered 14.2.14 and 18.8.14	- .5.11	1911	S69 E72	B12 J18	P	367	
17228	Six Wheels Coupled Bogie Express Engines S69 Class, E72-Back Cylinder Cover with United States Metallic Packing	Full size elevations, sections and plan of cover and fittings	3.7.11	1911	S69 E72	B12 J18	CI	368	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17230	Six Wheels Coupled Bogie Express Engines S69 Class and L77 & E72-Relief Valve for Cylinders	Full size sectional elevation and plan of gun metal components	11.4.19	1919	S69 L77 E72	B12 N7 J17	P	368	
17230	Six Wheels Coupled Bogie Express Engines S69 Class, E72, L77-Relief Valve for Cylinders	Full size section and elevations of valve	- .8.11	1911	S69 E72 L77	B12 J18 N7	CI-C	369	
17233	Six Wheels Coupled Bogie Express Engines S69 Class- Cast Steel Header for Schmidt Superheater	6" to 1' elevation, plan and section and plan of header	7.3.11	1911	S69	B12	P	367	
17233 Att 2	Six Wheels Coupled Bogie Express Engines S69 Class and Six Wheels Coupled Coal Engines Classes E72 & D81-Alteration of Cylinder Flanges to Frame	3" to 1' sectional elevations	4.4.21	1921	S69 E72	B12 J18	P	367	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17234	Six Wheels Coupled Bogie Express Engines S69 Class- Bogie Wheel	6" to 1' elevation and section of 2'9" diameter 10 spoke wheel and full size section of wheel 3'3" diameter on tread Endorsed: for profile of tyre see Dg No 17284 20.12.11	23.3.11	1911	S69	B12	P	367	
17235	Six Wheels Coupled Bogie Express Engines Type B12 (Class S69)-Cast Steel Motion Plate	3" to 1" elevations and plan	27.11.31	1931	S69	B12	PL	368	
17235 Part	(Cast Steel Motion Plates)	3" to 1' elevation, section and plan of motion plates My note: title missing, class probably B12	17.5.29	1929	-	B12	P	368	
17235 Part	Modification to Motion Plate B12 Class	3" to 1' elevations and plan of motion plate	19.34.38	1938	-	B12		368	
17236	Six Wheels Coupled Bogie Express Engines Class S69- Driving Wheels	3" to 1' elevation and section of 20 spoke wheel 6'0" diameter without tyre and full size section of tyre Endorsed: for profiles of tyres see Dg No 17284 21.12.11	- .8.11	1911	S69	B12	P	369	
17237	Six Wheels Coupled Bogie Express Engines Class S69- Trailing Hornblock and Axlebox	6" to 1' elevations, sections and plan of hornblock and axlebox	- .5.11	1911	S69	B12	P	369	
17238	Six Wheels Coupled Bogie Express Engines Class S69- Spring Brackets and Slides	Full size elevations and plan of slides	12.5.11	1911	S69	B12	P	369	
17240	Six Wheels Coupled Bogie Express Engines S69 Class- Eccentric Sheaves	Full size elevations of sheaves Endorsed: altered for B78 class 24.3.15 and for D81 30.1.20	- .5.11	1911	S69	B12	BP	368	
17242	Six Wheels Coupled Bogie Express Engines Class S69- Coupling Rods and Crank Pins	6" to 1' details of components Endorsed: for new rods see Dg No 25727; other alterations to 25.10.48	- .5.11	1911	S69	B12	CI	367	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17243	Six Wheels Coupled Express Engines Type B12 (Class S69), Six Wheels Goods Engines Type J18 (Class E72) J20 (Class D81)-Details of Motion	Full size elevations and plans of components	19.10.31	1931	S69	B12	BL	368	
					E72 D81	J18 J20			
17244	Six Wheels Coupled Bogie Express Engines Class S69-Bogie Details	6" to 1' details of numerous components Endorsed: work to Attachment for alteration to S69 Class and also future engines 31.12.12	- .11.11	1911	S69	B12	P	367	
17244 Att	Alteration to Piston Valves S69 Class	Full size section of valve	29.6.12	1912	S69	B12	P	369	
17245	Six Wheels Coupled Bogie Express Engines Class S69, E72-Cast Steel Brackets for Motion Plate	6" to 1' and full size elevations and plan of plates Endorsed: see Attachment 11.5.14	- .5.11	1911	S69	B12	CI	367	
					E72	J18			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17245 Att	Six Wheels Coupled Bogie Express Engines-Wrought Iron Bracket for Motion Plate	6" to 1' elevations and plan of bracket	25.5.14	1914	S69	B12	P	367	
17246	Six Wheels Coupled Bogie Express Engines Classes S69, E72, D81-Slide Bar	3" to 1' and full size details of components E72 J18 Endorsed: altered 3.16 & 23.12.21 for classes E71 and D81 D81 J20	- .5.11	1911	S69 E72 D81	B12 J18 J20	P	368	
17248	Six Wheels Coupled Bogie Express Engines S69-Trailing Axle	6" to 1' elevation of axle 6'1 1/2" long	- .6.11	1911	S69	B12	P	367	
17249	Six Wheels coupled Bogie Express Engines S69 Class-Brake Arrangement	1" to 1' outline elevations and plan of engine showing arrangement of brakework Endorsed: altered 31.12.16	- .8.11	1911	S69	B12	P	367	
17250	Six Wheels Coupled Bogie Express Engines-Brake Details	(3" to 1') details of numerous components Endorsed: altered 30.10.19, 26.8.31 & 15.7.33	- .8.11	1911	S69	B12	CI	368	
17250 Att	Six Wheels Coupled Radial Tank Engine Class L77 (Non Superheater)-Smokebox	3" to 1' sectional elevations of smokebox Endorsed: see Dg No 21980 for K85 21.12.20; for other dimensions see Dg No 19250	17.12.14	1914	L77	N7	P-C	196	-
17251	Six Wheels Coupled Bogie Express Engines Class S69-Reversing Shaft	6" to 1' elevations and plan of shaft Endorsed: undated alteration; see Dg No 22463 for engines fitted with gear for ejecting smokebox ashes	- .6.11	1911	S69	B12	P	369	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 7251	Six Wheels Coupled Bogie Express Engines Class S69- Reversing Shaft	6" to 1' elevations and plan of shaft	- .6.11	1911	S69	B12	P	369	
I 7253	Six Wheels Coupled Bogie Express Engines Class S69, E72-Details of Motion	Full size elevations of components Endorsed: altered 20.10.11, 7.11.11 and 31.12.14	- .6.11	1911	S69	B12	P	369	
I 7256	Six Wheels Coupled Bogie Express Engines Class S69- Spring Arrangement	3" to 1' side elevation and plan showing arrangement in relation to horn block and axlebox	- .10.11	1911	S69	B12	P	369	
I 7258	Four Wheels Coupled Bogie Express Engines Class D56-Blast Pipe for Engines Fitted with Schmidt Superheater	6" to 1' sectional elevation and plan of blast pipe	- .10.10	1910	S69	B12	P	351	
I 7258	Six Wheels Coupled Bogie Express Engines Class S69- Spring Gear Details	Full size details of 6 components Endorsed: altered 6.3.24 and 7.25	16.8.11	1911	S69	B12	P	369	
I 7259	Six Wheels Coupled Express Engines Class S69- Motion Arrangement	3" to 1' elevation and plan of motion in relation to engine framing	-	1911	S69	B12	P	367	
I 7260	Six Wheels Coupled Express Engines Class S69-Cab and Splashes	1 1/2" to 1' elevations and plan of cab and splashes in relation to frame of engine Endorsed: for alteration to cab splasher plate see Attachment 6.10.11; position of number plate altered to red and beading added 27.9.12	28.8.11	1911	S69	B12	P	367	
I 7263	Six Wheels Coupled Express Engines Class S69- Expansion Bracket	6" to 1' elevation and plan of bracket and full size details of fixtures	- .8.11	1911	S69	B12	P	352	
I 7264	Six Wheels Coupled Bogie Express Engines Class S69- Reversing Arrangement	1 1/2" to 1' arrangement on outline elevations and plan of part of engine	- .7.11	1911	S69	B12	P	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Reversing Arrangement	Endorsed: undated alterations							
17266	Six Wheels Coupled Bogie Express Engines Class S69- Ashpan Details	6" to 1' and full size details of components Endorsed: altered 28.12.22 for future engines	7.9.11	1911	S69	B12	P	352	
17267	Six Wheels Coupled Bogie Express Engines Class S69- Ashpan Arrangement	3" to 1' elevations and plan of ashpan in relation to firebox Endorsed: altered 8.3.12 & 24.11.15	- .10.11	1911	S69	B12	P	352	
17272	Six Wheels Coupled Express Engines Class S69-Cab Front Windows	3" to 1' elevations of windows and full size details of components Endorsed: undated alterations	- .9.11	1911	S69	B12	P	352	
17275	Six Wheels Coupled Bogie Express Engines Class S69- Coupling Links and Pins between Engine and Tender	Full size elevations and plans of links Endorsed: altered for classes E72, T77 and X77; altered 16.4.53	- .9.11	1911	S69	B12	P	351	
17276	Six Wheels Coupled Bogie Express Engines S69 Class- Frame and Boiler Stay	3" to 1' details of boiler stay and full size details of frame stay	- .10.11	1911	S69	B12	P	351	
17277	Six Wheels Coupled Bogie Express Engines S69 Class- Sanding, Heating and Mechanical Lubricating Details	1½", 3" and 6" to 1' details of numerous components Endorsed: altered 31.10.12, altered for A73 5.6.13; and for B78 5.6.25 My note: badly torn, part missing including title	- .11.11	1911	S69	B12	P	351	3
17278	Six Wheels Coupled Bogie Express Engines Class S69- Cylinder Cock Gear Details	Full size details of components	11.10.11	1911	S69	B12	P	351	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: undated alterations							
17279	Six Wheels Coupled Bogie Express Engines Class S69- Westinghouse Exhaust Pipe Socket and Elbow	Full size elevations and details of fittings	- .10.11	1911	S69	B12	P	352	
17280	Six Wheels Coupled Bogie Express Engines Class S69	3" to 1' details of rod, pipe and clothing of 1500 side and end elevation, plan and sectional end elevation through smokebox Endorsed: altered 13.6.39 My note: drawing damaged, complete description lacking	-	1911	S69	B12	P	352	3
17280	Arrangement for Fitting S69 Class Engines with Wakefield's Patent Mechanical Lubricator No 7 Pattern	1½" to 1' arrangement shown on part side elevation and plan of footplate	8.9.18	1918	S69	B12	P	352	

Att

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17280 Att	Six Wheels Coupled Express Engines Class S69- Alteration to Steam Heating Pipe for Engines with No 10 Exhaust Injector	1½" to 1' details of pipe in relation to part elevations and section of engine	24.3.15	1915	S69	B12	P	352	
17281	Six Wheels Coupled Express Engines Class S69- Footboard	1½" to 1' section and plan of footboard and 3" to 1' details of brackets and fittings Endorsed: altered 31.1.27 and 24.1.42	- .11.11	1911	S69	B12	P	352	
17285	Arrangement of Bogie Bolster Springs Showing Positions on Carriages of Various Weights	6" to 1' part elevation and plan showing nest of springs and packing required for different vehicle weights	5.2.12	1912	-	-	P	436	
17299	Diagram Showing Profiles of Tyres and Clearance from Guard Rail	Full size profiles for engine with thick tyre, engine with thin tyre and carriage and wagon tyre with tables of dimensions My note: guard rail more popularly known as the check rail	- .2.12	1912	-	-	CP	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17301	Bending Moment Diagram of S69 Class, Two S56 Chimney to Bunker, Two S44 Chimney to Chimney Crossing a 58Ft Span	1/4" to 1', 1/4" to 1 ton, 1" to 100 ft tons diagram	- .3.13	1913	S69 S56 S44	B12 J67 G4	CI-C	351	
17323	Six Wheels Coupled Tank Engines Class C72- Arrangement of Cab	1 1/2" to 1' side and end elevation of cab and tank and plan of tank top Endorsed: undated alteration by addition of coal rails	6.3.12	1912	C72	J68	P	351	
17324	Six Wheels Coupled Tank Engines Class C72-Cab Side Windows	3" to 1' elevations and full size details of components Endorsed: altered for class G75	- .3.12	1912	C72	J68	CI-C	351	
17387	Arrangement and Details of Standard Brake for 10 Ton Wagons	1 1/2" to 1' elevations and half plan of steel frame wagon with 9'6" wheelbase showing arrangement of brake and 3" to 1' details of brake components-a single lever operating two blocks on the same side	21.2.10	1910	-	-	P	436	
17389	Protector for Standard Round Cab Back Windows	Full size section and elevation of protector made from 7 vertical 3/8" bars	- .2.10	1910	-	-	CI-C	351	
17392	Four Wheels Coupled Radial Tank Engines Class P55- Cab Side Windows	3" to 1' elevation and plan with full size details of windows Endorsed: altered for class G69	- .3.10	1910	P55	F5	CIP	351	
17399	Asbestos Mats for Boiler and Smokebox-Six Coupled Tram Engines C53	1 1/2" to 1' plans of 13 asbestos mats	9.3.10	1910	C53	J70	P	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My note: a stores ordering drawing							
17411	Oil Axlebox 'Y' for Wagons	Full size elevations, sections and plan of box for journal 10" x 5" Endorsed: altered 16.2.11, 29.8.17, 13.5.18 & 1.1.20	- .3.1	1910	-	-	P	436	
17411	Oil Axlebox 'Y' for Wagons	Full size elevations, sections and plan of box for journal 10" x 5" Endorsed: 16.2.11, 29.8.17, 13.5.18 & 1.1.20	- .3.10	1910	-	-	P	437	
17413	Four Wheels Coupled Tank Engines Class G69- Arrangement and Details of Cab Doors	3" to 1' arrangement of door and 1" to 1' details of fittings Endorsed: altered to red for P55 class with cab to Dg No 16992 2.5.12; altered for L77 class 29.10.14; see Dg No 21977 for L77 class 11.3.21	- .2.11	1911	G69	F6	CI	352	
17432	Buffer Guide for Wagons	Full size side and end elevation of 11" guide type 'V' My note: original title was GNR, GCR & GER Endorsed: webs altered 6.3.16	- .8.10	1910	-	-	P	436	
17443	Arrangement of Pair Horse Parcels Van D&P368	1½" to 1' general arrangement of covered 4 wheel van 10'1 3/8" inside	1.6.10	1910	D&P368	-	P	437	
17445	Cast Steel Engine Wheels-Six Wheels Coupled Coal Engines T67	3" to 1' elevation and section of 4¼" diameter driving, leading and trailing wheels without tyres and full size section through rim and tyre	- .7.10	1910	T67	J17	P-C	352	
17445	Cast Steel Engine Wheels	3" to 1' elevation and section of 4¼" diameter driving, leading and trailing wheels without tyres	-	1910	T67	J17	P	352	
17458	Tinned Copper Cold Water Tank for Lavatory on Restaurant Cars Y67 Class	3" to 1' elevation and plan of 32 gallon capacity tank Endorsed: also used on classes A70 & Y69	17.7.10	1910	Y67	28C	P	443	2
17468	Four Wheels Coupled Radial Tank Engines Class Y65- Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement on outline elevations and part plan of engine 3" to 1' and full size details of components and fixings	- .6.10	1910	Y65	F7	BP	352	
17475	Sketch of Steam Pipe for Shunting Engine No 228	3" to 1' elevations of steam pipe in relation to boiler	- .6.10	1910	209	Y4	CP	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17481	Alterations to Door Fastening of Covered Goods Wagon	Full size and 6" to 1' elevations and details of door bar and fittings Endorsed: altered 15.10.10 & 14.3.13; one to be fitted for inspection; modified for meat wagon to 177	28.7.10	1910	-	47W	P	443	2
17498	Arrangement of Kitchen for Restaurant Cars Y67 Class, A70, S73, L76	¾" to 1' interior elevations, sections and plan showing full details of furnishing and fixtures	9.8.10	1910	Y67 A70 S73 L76	28C 28C 30C 31C	P	436	
17501	Restaurant Kitchen Car Y67	¾" to 1' general arrangement of 50' body with elevations of both sides and end elevation and interior plan Endorsed: undated alteration to extend the dining area and vestibule windows into the top panel; see tracings 31409 & 31484 for alteration to saloon	4.8.10	1910	Y67	28C	CI	443	2
17507	Screw Down Steam Valve for Sanding Gear Engs. F48 Class	Full size sections, elevation and plan	- .8.10	1910	F48	J16	CI-C	352	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17510	Six Wheels Coupled Tank Engines T18 Class- Arrangement and Details for Wakefield's Patent Mechanical Lubricator for Cylinders	1½" to 1' elevation and plan with 6" to 1' details of components	15.8.10	1910	T18	J66	CP	351	4
17511	Scheme for Articulated Shunting Engine	1½" to 1' outline side elevation of mallet engine 0-4-4-0 with 13" x 18" cylinders, water capacity 900 gallons, coal 2 tons, length 33'3" over frames, wheelbase 20'3", 3'7" dia wheels set at 5'9" wheelbase and 8'9" wheelbase between the two units	- .7.10	1910	-	-	CP	351	
17512	Six Wheels Coupled Tank Engines (Condensers)- Arrangement of Plates for Preserving Paint on Tank Sides	1½" to 1' elevations and plan of tanks showing plates 1'8" and 2'1" wide	- .8.10	1910	-	-	P	352	
17515	20Ft Span Bending Moment Diagram of Radial Tank G69 Class with the Addition of 0.52 Tons Weight on each Coupled Axle	¼" to 1', ¼" to 1 ton and 1" equals 100 Ft Tons	- .6.11	1911	G69	F6	CP	405	
17517	Private Owners New Type Draw Hook for GE Wagons	6" to 1' and full size elevation and plan of draw hook and 6" to 1' elevation and plan of 3 link coupling and drawbar plate Endorsed: altered 15.2.11 & 21.9.14	- .8.10	1910	-	-	P	443	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17518	Four Wheels Coupled Express Engines Class D56, S46-Arrangement of Steam Heating Pipe to Leading End	1½" to 1' arrangement of gear on outline of part of engine and full size details	- .8.10	1910	D56 S46	D15 D14	CP	351	
17525	Four Wheels Coupled Bogie Express Engines D56 Class-Cast Steel Header for Schmidt's Superheater	6" to 1' sections of header	- .8.10	1910	D56	D15	CI	351	
17529	Four Wheels Coupled Bogie Express Engines D56 Class-Smokebox on Engines with Schmidt Superheater	3" to 1' sectional side and end elevations of smokebox Endorsed: altered for class E69 31.1.11; altered for superheater boilers 21.12.21	- .11.10	1910	D56	D15	P	351	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17530	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Superheater-Piston Rod and Nut	Full size elevation of rod and details of nut Endorsed: altered 11.5.48	19.10.10	1910	D56	D15	CI-C	352	
17531	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Superheater- Slide Bar	Full size arrangement of slide bar Endorsed: amended 5.16 and 7.39; 'D15/2, D16, D16/3 with slide valve and J17' added to title	- .10.10	1910	D56	D15	CI-C	183	-
17532	Four Wheels Coupled Bogie Express Engines Class D56-Smokebox Details for "Swindon" (GWR) Superheater	3" and 6" to 1' details of components Endorsed: amended 2.11	- .10.10	1910	D56	D15	CI-C	183	-
17532 Part	Steel Steam Pipes for Swindon Superheater	3" to 1' details of pipes	- .12.10	1910	-	-	CP	188	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17533	Four Wheels Coupled Bogie Express Engines D56 Class, T19 Fitted with Superheater-Method of Lubricating Piston Rod and Valve Spindle	Full size arrangement of lubricator and fittings	27.7.11	1911	D56	D15	P-C	190	-
Att					T19	D13			
17534	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Superheater-Details of Metallic Packing and Casing for Valve Spindle	Full size details of components Endorsed: G58 class with superheater details for tail rod end of spindle only 24.9.15	2.11.10	1910	D56	D15	P-C	199	-
17526 9.10 D56 D15 Boiler for Schmidt	Four Wheels Coupled Bogie Express Engines D56 Class-Alteration to Boiler for Schmidt Superheater	1½" to 1' elevations of tubeplates and sectional elevation of boiler Endorsed: undated alteration for class E72; see Dg No 21674 for alteration to tube spacing; altered 21.12.21	- 9.10	1910	D56	D15	P	351	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17536	Four Wheels Coupled Bogie Express Engines D56 (1850) Class Fitted with Superheater-Arrangement of Metallic Packing and Tail Rod Casings for Piston Rod and Valve Spindle-Method of Lubrication for Slide Valves and Cylinders and Pistons	6" to 1' elevations and sections Endorsed: amended 6.13, 2.14 and 9.15 My note: drawing in very poor condition and parts missing	- .10.10	1910	D56	D15	P-C	185	-
17536	Four Wheels Coupled Bogie Express Engines S56 Class Fitted with Superheater-Arrangement of Check Valves, etc. for Cylinder Lubrication	6" to 1' arrangement of valves Endorsed: amended for engines with valves to Dg No 19065	30.11.10	1910	D56	D15	P-C	185	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17536 Att	Four Wheels Coupled Express Engines Class D56- Arrangement of Lubricator Pipes to Cylinders, Port Faces and Steam Chest Covers	Full size elevation of metalling Endorsed: superseded by new Dg 9556 9.25	- .5.15	1915	T18 R24 S56	J66 J67 J69	P-C	189	-
17537	Four Wheels Coupled Express Engines Class D56 Fitted with Superheater-Cylinder Cocks	Full size arrangement of cocks Endorsed: amended 6.19	- .10.10	1910	D56	D15	CI	183	-
17538	Tee Piece for Steam Pipe Connections for D56 Class Engines with Schmidt Superheater	6" to 1' details of components	- .1.11	1911	D56	D15	CI-C	186	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17539	Six Wheels Coupled Bogie Express Engines Class S69, E72 (Coal Engs)-Arrangement of an Additional Details for Superheater Damper Gear	3" to 1' arrangement and 6" to 1' details of components	- .10.11	1911	S69	B12	P-C	184	-
Att		Endorsed: amended for E72 class			E72	J18			
17539	Six Wheels Coupled Coal Engines Class E72- Arrangement of Damper Gear	3" to 1' arrangement of damper	30.8.12	1912	E72	J18	P-C	185	-
-2									
17539	Four Wheels Coupled Bogie Express Engines D56 Class, S69, E72 Coal Engs.-Arrangement and Details of Damper for Schmidt Superheater	3" to 1' arrangement and 6" to 1' details of superheater	- .1.11	1911	D56	D15	P-C	190	-
		Endorsed: amended for S69 and E72 classes			S69 E72	B12 J18			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17540 -2 Part	Six Wheels Coupled Coal Engines Class E72-Details of Automatic Gear for Schmidt Superheater	3" to 1' arrangement and 6" to 1' details of components Endorsed: amended for E72 class	- .10.11	1911	E72	J18	P-C	184	-
17540	Four Wheels Coupled Bogie Engines D56 Class, T19, S69, E72 (Coal Engines)-Details of Automatic Gear for Schmidt Superheater Damper	Full size details of components Endorsed: amended for S69 and E72 classes	- .1.11	1911	D56 T19 S69 E72	D15 D13 B12 J18	P-C	189	-
17540 -1 Att	Six Wheels Coupled Bogie Express Engines Class S69- Additional Details of Automatic Gear for Superheater Damper	6" to 1' and full size details of components Endorsed: see Dg No 17540-2 for E72	- .10.11	1911	S69	B12	P-C	199	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17541	Four Wheels Coupled Bogie Express Engines Class D56-Smokebox Arrangement for 'Swindon' (GWR) Superheater	3" to 1' sectional elevations and plan of smokebox	- .2.11	1911	D56	D15	P-C	189	-
17554	Wheel and Axle for Bogie Carriage ...	3" to 1' section and elevation of 3'6 7/8" Mansell wheel with full size section Endorsed: axle modified 6.2.19 My note: about 2" of right hand side of drawing has been cut off severing part of title, poor print not suitable for copying	- .9.10	1910	-	-	PL-C	181	-
17556	Malleable Iron Hinges with Gun Metal Bushes	Full size elevations and plan of left and right hand hinges	20.10.10	1910	-	-	P	436	
17557	Deflecting Plate	Full size details of plate with 3" to 1' arrangement	- .9.10	1910	-	-	CI	201	-
17560	Express Engines Class T19 with Belpaire Firebox- Arrangement of Steam Heating Pipes to Leading End	1 1/2" to 1' arrangement on outline of frame and full size details	- .9.10	1910	T19	D13	CP	201	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17561	Four Wheels Coupled Bogie Express Engines Class D56-Alteration to Boiler to Suit 'Swindon' (GWR) Superheater	3" to 1' elevations of tube plate My comment: very faint pencil	- .9.10	1910	D56	D15	CP	200	-
17563	Arrangement of Spark Arrestor and Stone's Patent Blast Pipe on Four Wheels Coupled Express Engines D56	3" to 1' sectional elevations of smokebox Endorsed: amended 12.12 and 5.15	- .9.10	1910	D56	D15	P-C	184	-
17565	12½ins Destination Board and Bracket	6" to 1' details of board and bracket and 3" to 1' end elevation of smokebox showing arrangement of board 3' 0 1/16" between brackets and 12½" deep	- .10.10	1910	-	-	CI-C	183	-
17568 Att	Detail of Dry Sanding Gear D81	3" and 6" to 1' details of components	- .2.20	1920	D81	J20	P-C	184	-
17568	Six Wheels Coupled Goods Engines Class G58 (F48), D81-Details of Dry Sanding Gear	3" and 6" to 1' and full size details of components Endorsed: altered for H80 and A81 classes 8.20 and D81	- .10.10	1910	G58	J17	P-C	185	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17571	Six Wheels Coupled Goods Engines Class Y14- Arrangement and Details of Variable Blast Pipe	1½" to 1' arrangement and 3" and 6" to 1' details of components	- .10.10	1910	Y14	J15	P-C	184	-
17572	Draw Gear for 17Ft Wagon with Self contained Buffers	1 ½" to 1' sectional side elevation and plan of channel steel frame showing details of draw gear	17.10.10	1910	-	-	P	443	2
17577-3	Self Contained Buffer to Comply with Railway Clearing House Minute No 941	Full size elevation and section of buffer with cast steel housing projecting 1'6" and 6" to 1' details of base for wood framed wagons	- .11.10	1910	-	-	CP	443	2
17574	Six Wheels Coupled Coal Engines Class G58-Boiler	1½" to 1' detailed arrangement of boiler with full size details of riveted joints Endorsed: cancelled see Dg No 20771 31.10.16	- .10.10	1910	G58	J17	CI	183	-
17576	Four Wheels Coupled Tank Engines Class G69-Crank Axle	3" to 1' elevations of crank axle 5'8¾" long	- .10.10	1910	G69	F6	CI	183	-
17581	Arrangement of Holes in Copper Tube Plates for 4ft 9ins Boilers	3" to 1' end elevation of Belpaire plate 282 tubes, S46 274 tubes and Belpaire 287 tubes	- .10.10	1910	-	-	CI-C	183	-
17584	Four Wheels coupled Express Engines Class S46- Arrangement of Steam Heating Apparatus for Engines with Vacuum Brake	1½" to 1' arrangement of apparatus on outline of engine cab and full size details of components My note: not suitable for copying	- .11.10	1910	S46	D14	CP	182	-
17585	Helical Draw Spring	Full size section of 6¼" long spring	- .5.13	1913	-	-	P-C	437	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17589	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Steam Heating Pipe to Leading End	1½" to 1' arrangement on outline of frame, full size details of clips and components	- .11.10	1910	T26	E4	CI	182	-
17590	Buffer Guide for Close Coupled Bogie Suburban Carriages	Full size elevation and plan of base type "W" projecting 4 ½" Endorsed; altered 4.3.11	15.2.11	1911	-	-	P	443	4
17592	Arrangement of 1st and 2nd Suburban Carriages B69	¾" to 1' elevations, sections and plan of 9 compartment 54' body with interior details	-	1911	B69	237C	CP	264	-
17593	Arrangement of Bogie Suburban 2nd Class Carriage	¾" to 1' general arrangement of 10 compartment 54' body with interior details	- .11.11	1911	A69	300C	CI	264	-
17594	Arrangement of 3rd Class Bogie Suburban Carriage	¾" to 1' general arrangement of 10 compartment 54' body with interior details for classes X70 & L70	23.11.10	1910	L70	428C	P	264	-
17595	Arrangement of Bogie Brake 3rd Class Suburban D69 Class	¾" to 1' elevations, sections and plan of 7 compartment 54' body with interior details Endorsed: end lights altered to red 9.12.18 in brake end (very minor)	- .11.10	1910	D69	542C	CP	264	-
17597	Details of Platework for 54Ft Steel Underframe	1½" and 3" to 1' details of plate work for bogie suburban train classes Y68, A, B, C & D69 Endorsed: several alterations	15.2.11	1911	Y68 A69 B69 C69 D69	104C 300C 237C 236C 542C	P	264	-
17598	Details of Ironwork for Bogie Suburban Trains	3" and 6" to 1' details of numerous components with schedule of quantities per set Endorsed: numerous alterations	1.11.11	1911	Y68 A69	104C 300C	P	264	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17578	Classes Y68, A, B, C & D69		25.1.11	1911	B69 C69 D69	237C 236C 542C	P	264	-
17599	Arrangement of Body Bolts for Bogie Suburban Train	¾ to 1' half plans of 4 underframes	25.1.11	1911	-	-	P	264	-
17600	Arrangement of 1st and 2nd Class Composite Suburban Carriage	¾" to 1' general arrangement of 9 compartment 54' body with interior details	- .12.10	1910	B69	237C	CP	264	-
17602	Four Wheels Coupled Tank Engines Class G69- Foundation Ring	3" to 1' arrangement of ring with full size riveting details Endorsed: amended 12.7.17	- .1.11	1911	G69	F6	CI-C	188	-
17603	Four Wheels Coupled Tank Engines Class G69 (F6) Details of Boiler Stays and Expansion Bracket	Full size elevations and sections of components Endorsed: amended 12.1.11	- .12.10	1910	G69	F6	CI-C	188	-
17604	Four Wheels Coupled Tank Engines Class G69- Ashpan	3" to 1' arrangement with details of components	6.2.11	1911	G69	F6	C-P	193	-
17606	Tubes for Indicating Distances on Sight Testing Range	Full size elevation of 4" dia tube with distance in yards marked on ends	23.11.10	1910	-	-	CI-C	192	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17609	Four Wheels Coupled Radial Tank Engines Class G69-Driving Axlebox	Full size elevations and plan of axlebox Endorsed: amended 14.7.15	- .11.10	1910	G69	F6	CI-C	192	-
17611	Four Wheels Coupled Tank Engines G69 Class-Eccentric Sheaves	Full size elevations and section of sheaves	- .12.10	1910	G69	F6	CI-C	192	-
17612	Four Wheels Coupled Tank Engines Class G69-Tank Stays	Full size details of tank stays Endorsed: amended 10.3.11	- .11.10	1910	G69	F6	CP	191	-
17629	Proposed Luggage Box for Continental Service	1½" to 1' elevations and plan of box 11'6" inside by 7'3"	- .12.10	1910	-	-	CI	264	-
17633	Four Wheels Coupled Tank Engines Class G69-Cab, Tanks and Coal Bunker	Endorsed: amended 3.4.25 My note: virtually illegible and in poor condition	- .1.11	1911	G69	F6	P-C	190	-
17633	Arrangement of Tank Protection Plates for G69 Engines Only Nos 61-70	1½" to 1'details of plates inside tanks	- .7.11	1911	G69	F6	C-P	193	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17642	Four Wheels Coupled Tank Engines Class G69- Arrangement of Condensing Gear 26	1½" to 1' arrangement of gear shown on outline of engine	26.1.11	1911	G69	F6	P-C	190	-
17644	Arrangement and Details of Ross/Schofield Circulator on No 31 Stationary Boiler	1½" to 1' arrangement of boiler and 3" to 1' details of components	- .1.11	1911	-	-	PC	213	-
17659	Model Link Motion-Additional Details Required for Trial of Valve Gear of 4-6-0 Express Engines	6" to 1' details of additional components My note: very faint pencil	- .1.11	1911	-	-	CP	194	-
17666	Alterations to Pipes to Suit Check Valves D56 Class	3" to 1' end view of pipes	- .3.11	1911	D56	D15	P	404	
Att									
17666	Four Wheels Bogie Express Engines D56 Class Fitted with Superheater-Arrangement and Details of Wakefield's Mechanical Lubricator	1½" to 1' part side elevation and plan showing arrangement of lubricator and 6" to 1' and full size details of components	- .2.11	1911	D56	D15	CI	405	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Parent's Mechanical Lubricator	Endorsed: numerous alterations to 30.6.39							
17678	Proposed Coal Stage at Whitemoor	1/4" to 1' elevations and sectional end elevation of coal stage, length 120' x 26' with elevated coal road at back to feed 10cwt iron trolleys to serve 3 coaling positions	17.2.11	1911	-	-	CP	404	
17681	Arrangement of First Class Saloon R69	3/4" to 1' general arrangement of 50' body Endorsed: see Dg No 17941	14.3.11	1911	R69	29C	P	264	-
17684	Proposed Arrangement of Horse Ambulance	3/4" to 1' side and end elevation of 4 wheeled ambulance 9'9" outside	- .2.11	1911	-	-	CI	264	-
17685	Four Wheels Coupled Radial Tank Engines Class G69- Rod, Pipe and Clothing Arrangement	1 1/2" to 1' elevations of engine, less bunker and trailing wheels and outline plan showing equipment	17.2.11	1911	G69	F6	CP	405	3
17687	Details of Brakework for Bogie Suburban Train Classes Y68, A, B, C & D69	3" to 1' details of ironwork Endorsed: amended 23.8.11	- .2.11	1911	Y68 A69 B69 C69 D69	104C 300C 237C 236C 542C	CI	264	-
17706	Four Wheels Coupled Bogie Express Engines Class D56-Trailing Sand Box	6" to 1' sectional elevations and plan of sand box	- .2.11	1911	D56	D15	CP	404	
17712	Four Wheels Coupled Tank Engines Class G69- Arrangement of Water Gauge	1 1/2" to 1' outline elevations and plan showing position of gauge on section of cab Endorsed: altered for L77 class	7.3.11	1911	G69	F6	P	404	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17713	Bogie First Class Saloon R69-Arrangement of Steam Heating Pipe, Arrangement of Underframe	1 1/2" to 1' elevations and plans of equipment Endorsed: numerous alterations 19.12.11 & 4.6.14	2.5.11	1911	R69	29C	P	442	4
17719	Proposed Royal Train	1/8" to 1' plan showing interior layout of 8 coach bogie train 50' stock BT 2x 3 rd compt; compo with sn, sn, sn, sn, sn, composite with large luggage compt and 5 compts, BT. Vestibuled except outer ends of BT's. All new vehicles?	15.3.11	1911	-	-	P-C	442	2
17726	Continental Luggage Box	1 1/2" to 1' elevations, section and plan of box 11' long and full size details of rollers Endorsed: for details of rollers and bearing see Dg No 17884 2.10.11	3.4.11	1911	-	-	P	442	4
17727	7 Ton Float Van D&P 918-Arrangement Drawing	1 1/2" to 1' general arrangement with elevations and inverted plan Brake altered 30.5.12	11.4.11	1911	D&P 918	-	P	442	4
17728	7 Tons Float Van D&P918-Ironwork Details	3" to 1' elevations and plans of numerous components Endorsed: altered 30.5.12	5.5.11	1911	D&P 918	-	CP	446	4
17729	7 Ton Float Van D&P918-Axles (Front and Hind)	3" to 1' elevation and plan of axles	11.4.11	1911	D&P 918	-	CP	450	4
17730	Six Wheels Coupled Express Engines Class S69-Bogie Axle	*3" to 1' elevation of 5'8 3/4" axle with 10 1/2" x 5 3/4" journals	- .3.11	1911	S69	B12	CP	404	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17733	Arrangement of Low One Horse Lorry D&P921	1 1/2" to 1' general arrangement of 4 wheel lorry 14'2" over body to carry 2 1/2 tons Endorsed: altered 11.2.30	7.4.11	1911	D&P 921	-	P	435	4
17734	Low One Hose Lorry D&P921-Ironwork Details	3" to 1' details of ironwork	2.6.11	1911	D&P 921	-	P	435	4
17736	Valve Spindle and Steam Chest Cover for CVRly Engine No 1	6" to 1' elevations and plans of two components	- .3.11	1911	-	-	CP	404	
17737	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear for Leading Sand Box	Full size elevations of equipment within sand box Endorsed: copy of drawing by Van Allen & Co	- .3.11	1911	D56	D15	P	404	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17737	Four Wheels Coupled Express Engines Class D56-Plan of Leading Sand Box Showing Arrangement of Lambert Water Sanding Gear	Full size plan showing equipment within sand box and section and plan of inlet	29.3.11	1911	D56	D15	P	404	
Att		Endorsed: copy of drawing by Van Allen & Co							
17738	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear for Trailing Sand Box	Full size elevation and plan showing equipment within sand box Endorsed: undated alteration; copy of drawing by Van Allen & Co	- .3.11	1911	D56	D15	P	404	
17740	Luggage Boxes-Continental Service LM5648-Ironwork Details	3" to 1' details of components Endorsed: altered see Dg No 17884 for new bearings 2.10.11	5.4.11	1911	LM5648	-	P	450	4
17747	Lengthening Iron for 28Ft Turntable Loco Department Stratford Works	1" to 1' outline side elevation of turntable showing wheelbase of 4-6-0 engine, 1½" to 1' elevation of irons, 3" to 1' section of iron fitted to turntable rails My note: applied to turntable at entrance to Erecting Shop, Old Works	3.4.11	1911	-	-	P	404	
17748	Diagram of Proposed Bogie Train for Loughton Service (Standard Formation)	1/16" to 1' plan of an 8 coach train comprising BT, T, F, C, S, S, C, BT Endorsed: Made from diagram Dg No 17083-14. Superseded for standard formation see Dg No 22019 dated 25.3.15	4.4.11	1911					
		1/16" to 1' plan of 8 coach train comprising BT, C, F, C, S, S, C, BT			-	-	CP	450	4
17749	Diagram of Proposed Bogie Train for Loughton Service (Special formation)	Endorsed: made from diagram No 17083-14	4.4.11	1911					

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17750	Six Wheels Coupled Goods Engines Class F48 & G58- Arrangement of Lambert Water Sanding Gear for Leading Sand Box	Full size elevations and plan of sand box showing arrangement of equipment Copy of drawing by Van Allen & Co	- .4.11.	1911	F48 G58	J16 J17	CP	405	
17751	Six Wheels Coupled Goods Engines Class F48- Arrangement of Water Sanding Gear (Lambert) for Driving Sand Box	Full size elevations of equipment within sand box Endorsed: copy of drawing by Van Allen & Co	- .4.11	1911	F48	J16	P	404	
17751	Six Wheels Coupled Goods Engines Class F48-Plan of Bottom of Driving Sand Box and Details of Stiffening Plate and Pipe Flange	Full size details	- .4.11	1911	F48	J16	P	404	

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17752	Six Wheels Coupled Goods Engines Class F48-Plan of Bottom of Trailing Sand Box and Details of Stiffening Plate and Pipe Flange	Full size plan and details of pipe flange	- .4.11	1911	F48	J16	P	405	
Att									
17754	Bogie Carriage Stock with 9 Ins by 4 Ins Journals-Wheel and Axle	3" to 1' elevation and section of 3' 2 7/8" wheel	14.9.10	1910	-	-	CIP	436	4
17763	Sheeting Plates for Continental Luggage Boxes LM5648	3" to 1' details of 4 plates	24.4.11	1911	LM5648	-	CI-C	450	3
17764	Diagrams of Four Wheels Bogie Express Engine Class D56 Under GER Loading Gauge	1 1/2" to 1' outline front elevation of engine in relation to gauge	- .4.11	1911	D56	D15	CP	405	
17771	Bending Moment Diagram of Four Coupled Radial Tank Engines G69 Class on 20Ft Span	1/4" to 1', 1/4" to 1 ton and 1" equals 100 Ft Tons	- .4.11	1911	G69	F6	CP	405	
17772	Apparatus for Cleaning Superheater Flues	Full size sectional elevations of steam lance attached to steam heat coupling and flexible metallic tubing	- .5.11	1911	-	-	CP	405	
17773	GER Ipswich-Sketch Showing Side Lamps of Carriages Standing on 40 Chain Curve in Tunnel	1" to 1' outline of carriages No 59 restaurant car and No 322 composite standing on the up and down lines in the tunnel Endorsed: Ipswich tunnel	24.4.11	1911	-	-	CP	450	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17776	Springs for 7 Ton Float Van D&P918	3" to 1' elevation, plan and sections of 7 plate spring at 3'0" centres and 12 plate spring with 3'6" centres	2.5.11	1911	D&P 918	-	CI	450	4
17777	Bogie Carriages-Sketch Showing Side Lamp of Carriage Standing Under Loading Gauge	1 1/2" to 1' outline end view of 8' 9" wide carriage with side lamp attached	1.5.11	1911	-	-	CP	450	2
17782	Six Wheels Coupled Goods Engines Class G58-Arrangement of Lambert Water Sanding Gear	1 1/2" to 1' arrangement of gear on engine and 3" to 1' details of fittings	- .5.11	1911	G58	J17	CP	405	
17783	Four Wheels Coupled Tram Engines Class G15-Arrangement and Details of Gear for Releasing Westinghouse Brake	1 1/2" to 1' arrangement of gear in relation to frame of tram and full size details of 7 components	6.5.11	1911	G15	Y6	CI-C	404	
17786	Alteration of Luggage Compartment of Motor Omnibus to Passenger Compartment	1" to 1' part side elevation and section of body showing details of alterations	- .5.11	1911	-	-	CP	450	3
17794	Four Wheels Coupled Bogie Express Engs. Class S46-Air Sanding Arrangement	3" to 1' arrangement shown as mounted on engine	- .5.11	1911	S46	D14	P	404	
17800	Diagrams of Heaviest Classes of Express, Tank and Coal Engines	1/8" to 1' diagrams of 7 classes of GE engines	- .9.11	1911	-	-	P	450	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17803	Four Wheels Bogie Tank Engines S44 Class-Arrangement of 'Lewis' Water Level Indicator	1½" to 1' arrangement of apparatus on part elevations and plan of engine and 6" to 1' details of fittings	- .5.11	1911	S44	G4	CP	405	
17812	Diagram of Midland Railway Truck for Carrying Elephants	¾" to 1' outline sectional side and end elevations of 20' truck Endorsed: ordinary covered carriage truck with these planks fixed and extra layer of floor boards, truck built in 1889 My note: two rows of 7" x 2½" planks secured to interior sides and ends of truck	1.6.11	1911	-	-	P	350	
17813	Sections Through Seats of First Class Compartment	1½" to 1' section of lower part of compartment showing details of seat construction, upholstery and buttoning	- .6.11	1911	-	-	CP	350	
17816	17Ft 10 Ton High Sided Wagon-Arrangement and Details of Little Giant Brake Lever	1" to 1' side elevation and plan of brake gear and details of components including ratchet between lever pivot and rest.	- .6.11	1911	-	-	P	350	
17816	17Ft 10 Ton High Sided Wagon-Arrangement and Details of Little Giant Brake Lever	1" to 1' side elevation and plan of brake gear and details of components including ratchet between lever pivot and rest.	- .6.11	1911	-	-	CP	350	
17817	Arrangement of Gas Fittings on Standard 50Ft Carriage Underframe	¾" to 1' outline side elevation and plan of underframe showing position of two pairs of gas tanks either side of centre line	3.7.11	1911	-	-	P-C	350	
17818	Proposed Arrangement of Gas Fittings on Standard 50Ft Carriage Underframe	¾" to 1' outline side elevation and plan of underframe showing position of existing two pairs of gas tanks supplemented a third either side of centre line required for restaurant cars S & T73 Endorsed: altered 20.5.11 to include a pilot light regulator	- .7.11	1911	-	-	P-C	350	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17838	Arrangement and Details of Proposed Signal Arms etc for Sight Testing Range	3/4" to 1' arrangement of dummy gantry mounted on 24' 4 compartment carriage body operated by levers from within the body with details of fittings at various scales	.12.11	1911	-	-	CP	405	
17840	Bogie Suburban Carriages with Steel Drawbars	3" to 1' sections of 3 types of drawbar	19.7.11	1911	-	-	P	350	
17841	Winch for Low One Horse Lorry	3" to 1' arrangement and details of winch mounted on lorry bed	18.9.11	1911	-	-	P	350	
17843	Bogie Suburban Carriages-Special Steel Drawbar Cradle	3" to 1' elevations of cradle	20.7.11	1911	-	-		350	
17845	Arrangement of 54Ft Steel Underframe with Rubber Buffers	1 1/2" to 1' part plan of frame and sectional side elevation showing arrangement of buffing and draw gear Endorsed: altered 4.6.12	.10.11	1911	-	-	P	350	
17846	54Ft Steel Underframe with Rubber Buffers-Details of Platework and Steel Drawbar	3" to 1' details of components Endorsed: altered to red 18.12.11 and 5.10.14; altered for class G72 12.8.12 My note: the words Steel Drawbar deleted from title	12.8.11	1911	-	-	P	350	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17855	4-4-0 Express Engines D56 Class-Arrangement of 17/8" Outside Diameter Tubes in Copper Tube Plate	6" to 1' half elevation of tubeplate designed for 248 tubes	9.8.11	1911	D56	D15	OI	404	
17858	54Ft Steel Underframe with Rubber Buffers-Details of Ironwork	*3" to 1' details of buffing and draw gear and 6" to 1' details of fittings Endorsed: altered G72 and future classes 4.6.12	18.8.11	1911	-	-	P	350	
17865	Tinned Copper Cold Water Tank for No 31 Saloon	3" to 1' elevations and plan of 28 gallons tank	26.8.11	1911	-	17C	P	350	
17866	Six Wheels Coupled Tank Engines Class S56-Knowles and Wallastons Patent Graphite Lubricator, Arrangement and Details	3" to 1' arrangement on front end of engine and 6" to 1' details of fittings Endorsed: altered 27.11.12; for details see Dg No 18259	- .10.11	1911	S56	J69	CI-C	405	
17870	Bearing for Wagon Axlebox 'R' 10Ins x 4 1/4Ins Journals	Full size elevations, plans and sections of bearing	- .9.10	1910	-	-	P	350	
17871	Proposed Light Single Horse Van	1/2" to 1' outline side and end elevation of 4 wheel covered van to carry 1 3/4 tons	31.8.11	1911	-	-	P	350	
17873	Arrangement of Electric Lighting and Heating Fittings on Underframe for First Class Saloon R69 Class	1 1/2" to 1' side elevation and plan of frame showing dynamos, accumulator boxes, etc Endorsed: for arrangement of underframe see Dg No 17713 and details of accumulation boxes and ironwork see Dg No 17874	22.9.11	1911	R69	29C	P	350	
17877	14 Tons Machine Wagon Arranged for Carrying	1/2" to 1' outline side and end elevation of truck fitted with sides	19.9.11	1911	-	-	P	350	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17877	General Merchandise Also	3'5 3/8" deep and one drop end, capacity 623 cu ft	12.2.11	1911	-	-	-	350	
17883	Arrangement and Details of Drawhook and Coupling with Increased Range	6" to 1' elevation and plan of screw coupling and 3" to 1' plan and elevation showing coupled carriages with new couplings	10.11	1911	-	-	CP	350	
17897	Standard Tyre Sections	Full size sections of tyres for engine and tender, carriage and wagon with Mansell rings and wagon with Gibson ring showing finished and rolled section	3.6.12	1912	-	-	P	405	
17902 -1	Diagram of Standard 50Ft Carriages Standing on Curve	1" to 1' plan showing position of buffers and couplings of two carriages on a 8.4 chain curve Endorsed: radius of minimum curve that can be traversed is 8.4 chains My note: drawing virtually illegible	10.11	1911	-	-	CP	350	4
17902 -2	Diagram of Standard 50Ft Carriages Standing on Curve	1" to 1' plan of coupled carriages on 6.1 chain curve showing standard screw coupling at minimum length	10.11	1911	-	-	CP	357	4
17902	Diagram of Standard 50Ft Carriages Standing on Curve	1" to 1' plan of coupled carriages on 6.1 chain curve showing standard screw coupling at minimum length	10.11	1911	-	-	CP	357	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-3									
17902	Diagram of Standard 50Ft Carriages Standing on Curve	1" to 1' plan of coupled carriages on 8.4 chain curve showing standard screw coupling at minimum length	- .10.11	1911	-	-	CP	357	
-4									
17905	Arrangement of Underframes for Open and Covered Carriage Trucks Classes D & F71	1½" to 1' arrangement of channel steel underframe, 20'11" for CCT and 21'0" for OCT, with details of brake gear Endorsed: position of vacuum pipe dummy moved 26.6.12; for WH cock see Dg No 19988 20.4.15	4.12.11	1911	D71 F71	7M 10M	P	357	
17906	Platwork Details for 21Ft Open Carriage Truck	3" to 1' details of numerous components	21.11.11	1911	D71	7M	P	357	
17907	Details of Underframe for Covered Carriage Truck Class F71	1½" and 3" to 1' details of underframe components	8.1.12	1912	F71	10M	P	357	
17908	Cast Steel Axlebox B1	Full size elevations, sections and plan of oil axlebox for 9" x 4" journal Endorsed: this box not made, box shown on Dg No 21701 designated B1 28.12.17	- .1.12	1912	-	-	P	357	
17915	Arrangement of Elephant Van D71	1" to 1' general arrangement of 21' truck with wood underframes	7.12.11	1911	G71	42M	P	357	
17915	Arrangement of Elephant Van G71	1" to 1' general arrangement of 21' van on wood frame Endorsed: amended in red for conversion into covered carriage truck in 1938 with addition of double doors	7.12.11	1911	G71	42M	PL-C	181	
17916	Details of Ironwork for Elephant Van G71	3" to 1' details of numerous components	8.1.11	1911	G71	42M	P	357	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17922	4-4-0 Express Engines Class D56 (1900 Belpaire)- Arrangement of Cylinders with Piston Valves	1½" to 1' part side elevation of engine showing position of 8" trick piston valves	- .11.11	1911	D56	D15	P	405	
17927	Four Wheels Coupled Express Engines Class D56- Arrangement of Lambert Water Sanding Gear	1½" to 1' outline elevations and plan showing showing arrangement of gear and full size details of bracket and union	4.12.11	1911	D56	D15	P	405	
17928	Blast Pipe Top for Engines Fitted with Swindon Superheater	Full size elevations and plan of casting	- .11.11	1911	-	-	P	405	
17936	Arrangement of One Horse Van D&P1469	1½" to 1' arrangement of 4 wheel covered van length 8'6" inside	4.12.11	1911	D&P 1469	-	P	357	
17936	Arrangement of One Horse Van D&P 1469	1½" to 1' general arrangement of 4 wheel van with hoops 8'6" long	30.11.11	1911	D&P 1469	-	PL-C	181	-
17937	Ironwork Details for One Horse Van D&P1469	3" to 1' details of numerous components	6.12.11	1911	D&P 1469	-	P	357	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I7941	First Class Saloon R69-Plan of Amended Arrangement	¾" to 1' interior arrangement and furnishings of 50' saloon	28.11.11	1911	R69	29C	P	357	
I7950	Six Wheels Coupled Goods Engines Class B70 (Y14 Class)-Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement of apparatus on outline of engine frame and cab and full size details of brackets, pipework and fittings	5.1.12	1912	Y14	J15	P	405	
I7959	Accumulator Boxes and Details for Electric Lighting on No 48 Saloon	3" to 1' arrangement and details of boxes 2'10¼ and 5'5" long	29.12.11	1911	-	20C	P	357	
I7963	Laycock's Vapour System of Steam Heating Applied to Composite Carriage	½" to 1' part side elevation and plan of carriage showing position of heaters and steam pipe and 1½" to 1' details of heaters in compartments and full size details of components Endorsed: work to red for details of Wolverton system of steam heating applied to 3rd class carriage to Dg No 18354 14.11.12	20.3.12	1912	-	-	P	357	
I7966	Bottom Half of Carriage Axlebox 'P' Arranged for McLintock's Patent Lubricant	Full size elevations and sections of modified casting	- .12.11	1911	-	-	CP	357	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17970	Tinned Copper Water Tanks for First Class Saloon R69	3" to 1' elevations and plans of 41 gallon tank for lavatory and 10.8 gallon hot water tank for attendants compartment	- .1.12	1912	R69	29C	P	357	
17984	Arrangement and Details for Support for Cold Water Tanks in First Class Saloon R69	3" to 1' arrangement of tanks in kitchen and lavatory and details of brackets and components	27.1.12	1912	R69	29C	P	357	
18000	East London Electrification-Trip Cocks on Locomotives-Proposed Method of Warning Drivers at Places Where it is Necessary to Raise or Lower Trip Cock Levers	1½" to 1' outline side and elevation of engine showing trip cock arrangement	- .1.12	1912	-	-	CI	240	-
18015	Six Wheels Coupled Goods Engines Class E72 on 6 Chain Curve	1½" to 1' plan of wheels on rail	- .3.12	1912	E72	J18	CI	240	-
18016	Six Wheels Coupled Coal Engines Fitted with Superheater Class E72, T77, H80, X80, A81-Crank Axle	3" to 1' elevations of crank axle Endorsed: altered 26.10.26	- .3.12	1912	E72	J18	CI-C	240	-
18018	Six Wheels Coupled Coal Engines Class E72, H80, X80-Cast Steel Wheels	3" to 1' elevation and section of 4'4" diameter wheels	- .5.12	1912	E72	J18	CI	240	-
18021	Six Wheels Coupled Goods Engines Class E72-	1½" to 1' arrangement of frames	- .8.12	1912	E72	J18	P	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18021	Framing	Endorsed: numerous modifications	- .6.12	1912	E72	J18	P	240	-
Att 18021	Six Wheels Coupled Superheater Coal Engines- Alteration to Leading End of Frame for Class T77	1½" to 1' arrangement of front end of engine Endorsed: modified for H80 and A81 classes 27.8.17	- .2.15	1915	T77	J19	P	240	-
18022	Six Wheels Coupled Goods Engines E72 Class- Reversing Shaft	6" to 1' details of components Endorsed: amended for D81 class 1.3.20	- .6.12	1912	E72	J18	P	240	-
18023	Six Wheels Coupled Goods Engines E72 Class- Reversing Gear	1½" to 1' arrangement of gear	- .9.12	1912	E72	J18	CP	240	-
18024	Six Wheels Coupled Goods Engines Class E72-Piston Valves and Spindle	Full size elevations Endorsed: amended for class M77 18.6.14; work to red for engines fitted with valve spindle supports to Dg No 19362	3.7.12	1912	E72	J18	P	240	-
18025	Six Wheels Coupled Coal Engines Class E72 Fitted with Schmidt Superheater-Smokebox	6" to 1' sectional elevations of smokebox Endorsed: amended for A81 class with Robinson's superheater 2.9.20	- .8.12	1912	E72	J18	P	240	-
Att 18025	Six Wheels Coupled Coal Engines Class E72- Alteration to Superheater Damper Gear for Engines with Stone's Blast Pipe	3" to 1' arrangement with details	- .2.15	1915	E72	J18	P	240	-
18026	Six Wheels Coupled Coal Engines Class E72-Blast Pipe and Steam Pipe Connection	6" to 1' arrangement of blast pipe and full size details of connections Endorsed: for cast iron steam pipe connection see Dg No 23365 21.4.21; altered 3.5.21	- .8.12	1912	E72	J18	P	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18028	Bending Moment Diagram of the 1150 Class Superheater Coal Engines Crossing 30 Ft Span	1/4" to 1' and 1' to 100 ft tons	- .3.12	1912	E72	J18	CP	240	-
18029	Six Wheels Coupled Coal Engines Class E72-Details of Cylinder Cock Gear	Full size details of components Endorsed: amended for H80 20.9.17 and D81 11.2.20	18.7.12	1912	E72	J18	P	240	-
18029	Six Wheels Coupled Goods Engines E72 Class-Arrangement of Motion	3" to 1' arrangement	26.9.12	1912	E72	J18	P	240	-
18030	Six Wheels Coupled Coal Engines E72 Class-Rod, Pipe, Clothing, Mechanical Lubricating and Sanding Details	1 1/2", 3" and 6" to 1' details of components Endorsed: numerous alterations	- .11.12	1912	E72	J18	P	240	-
18031	Six Wheels Coupled Goods Engines Class E72-Cab	1 1/2" to 1' elevations and plan of cab	- .10.12	1912	E72	J18	P	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18033	Six Wheels Coupled Goods Engines E72 Class- Trailing Sand Boxes Fitted with Lambert Water Sanding Gear	3" to 1' arrangement of sand boxes	- .8.12	1912	E72	J18	CP	240	-
18034	Six Wheels Coupled Goods Engines E72 Class- Leading Sand Box (Lambert's Water Sanding) and Splasher	3" to 1' elevations and plan of sand box Endorsed: for alteration to suit new pattern sand trap see Dg No 20900 12.6.16	14.8.12	1912	E72	J18	P	240	-
18036	Six Wheels Coupled Coal Engines Class E72-Spark Deflector and Details	6" to 1' arrangement of deflector and full size details Endorsed: amended for A81 class 2.9.20	29.8.12	1912	E72	J18	P	240	-
18037	Six Wheels Coupled Goods Engines Class E72- Arrangement of Cylinder Lagging	3" to 1' elevations and sections Endorsed: amended for T77 class cylinders to Dg No 17223	- .9.12	1912	E72	J18	CI-C	240	-
18044	Arrangement of Trial Bogie Bolster Bearing Springs on Restaurant Car 19.3.12	3" to 1' part section and plan of bogie and details of spring, beam and wearing plates	19.3.12	1912	-	-	P	334	-
18052	Arrangement of Reversing Lever and Sector on Tank Engines R24 Class	1½" to 1' elevations and plan	- .4.12	1912	R24	J67	CP	240	-
18053	Details of Shields for Water Scoop on G53 Class Tenders	3" to 1' details of components	7.5.12	1912	G53	-	P	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18055	Six Wheels Coupled Goods Engines Y14 Class- Arrangement and Details of Wakefield's Mechanical Lubricator	3" to 1' arrangement of lubricator and 6" to 1' details of components	15.4.12	1912	Y14	J15	P	240	-
18066	Four Wheels Coupled Bogie Express Engines with Superheater-Cylinders with Piston Valves	3" to 1' elevations and sections	- .4.12	1912	S46	D14	P	240	-
18077	Bogie Six Coupled Superheated Coal Engines-Bending Moment Diagram Standing on 20, 30, 40 and 50 Foot Span	1/8" to 1' bending moment diagram My comment: very dirty drawing with no title	26.3.12	1912	-	-	CP	240	-
18078	Arrangement and Details of Double Brake for 20Tons Coal Wagon P71 Class	1" to 1' arrangement of underframe with brake gear and 6" to 1' details of component	-	1912	P71	46W	P	334	
18084	Sketch Showing Alteration Required to A53 Class Tender to Suit Engine No 1900	1½" to 1' elevations and plan of front part of tender	- .4.12	1912	S46	D14	P	240	-
18086	Casting for Brake Gear of Maudslay Motor Bus	(6" to 1') elevation and plan of casting	19.4.12	1912	-	-	CP	240	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18100	Alterations to 6,000 Cu Ft Capacity Gas Holder at Stratford	1" to 1' elevations and plan of holder 26' inside diameter Endorsed: for details see Dg No 18660	- .5.12	1912	-	-	P	240	-
18103	Bogie Bolster Bearing Springs	Full size elevation of two types of helical spring of 12 and 14 working coils for carriage bogies	7.3.12	1912	-	-	P	333	
18106	Seat Back of Second Class Bogie Suburban Carriage	1½" to 1' section and end elevation of compartment showing seat construction	6.5.12	1912	-	-	P	334	
18107	Seat and Back of Third Class Bogie Suburban Carriage	1½" to 1' section and end elevation of compartment showing seat construction, covered with ¼" felt and faced with American cloth	7.5.12	1912	-	-	P	333	
18112	Bending Moment Diagram of Two 40 Ton Crocodile Wagons Crossing 20Ft Span	¼" to 1', ¼" to 1 ton and 1" to 100 ft tons	7.5.12	1912	-	-	CP	333	
18113	Bending Moment Diagram of 40 Ton Crocodile Wagon Crossing 20Ft Span	¼" to 1', ¼" to 1 ton and 1" to 100 ft tons	- .5.12	1912	-	-	CP	333	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18115	Bending Moment Diagram of 40 Ton Crocodile Wagon Crossing 58Ft Span	1/4" to 1', 1/4" to 1 ton and 1" to 100 ft tons	9.5.12	1912	-	-	CP	333	
18119	Arrangement of Body for Motor Char-a-Banc LM6201	1 1/2" to 1' side and end elevations and plan of 15'7 3/4" body on outline of chassis	- .5.12	1912	LM6201	-	CI	334	
18120	Details of Ironwork for Motor Char-a-Banc	3" & 6" to 1' details of numerous components	- .6.12	1912	LM6201	-	P	334	
18124	Arrangement of Davies & Metcalfe's No 8 Hot Water Injector-Six Wheels Coupled Tank Engines S56 Class	3" to 1' arrangement of injector	- .5.12	1912	S56	J69	CP	240	-
18130	Six Wheels Coupled Bogie Express Engines Class S69-Proposed Controlling Gear for Trailing Axle Boxes	Full size details of components Endorsed: altered to blue 19.11.12 for engines other than 1500 to 1504	- .6.12	1912	S69	B12	CP	240	-
18140	Emergency Coupling for Suburban Carriages	Full size elevation and plan of coupling	2.7.12	1912	-	-	P	333	
18142	Sets Steam Superheating Heating Elements for Schmidt Superheater	3" to 1' arrangement of superheater and full size details of tube ends and bends Endorsed: work to red for T19 Belpaire 1.7.13	17.6.12	1912	-	-	P	347	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18144	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Stone's Variable Blast pipe and Ejector	6" to 1' elevations, plan and section of blast pipe and ejector and full size details Endorsed: altered 7.10.13	- .7.12	1912	D56	D15	P	347	
18144 Att	Alteration to Stone's Blast Pipe D56 Class to Suit Coal Engines F48 Class	Full size section and elevation of base of blast pipe Endorsed: plan of base same as D56 class	1.6.13	1913	F48	J16	P	347	
18144 Att	Alteration to Blast Pipe Valve Box for Engines Fitted with Exhaust Injector D56 Class	6" to 1' elevations and section of valve box	- .9.13	1913	D56	D15	P	347	
18163	Six Wheels Coupled Bogie Express Engines S69 Class-Built Up Crank Axle	3" to 1' elevations of crank axle	10.5.12	1912	S69	B12	CP	333	3
18165	Proposed Arrangement of Instruction Van for Driver and Firemen	¾" to 1' sectional side elevation and plan of equipment in former saloon No 10	26.6.12	1912	-	8C	P	347	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18169	Self Contained Sleeve Buffer	Full size elevation and section of 1'9" long buffer 1'2" diameter head Endorsed: for alterations to buffer see new Office Copy same number	21.6.12	1912	-	-	P	334	3
18203	Six Wheels Coupled Bogie Express Engines S69 Class Alteration to Gear for Wakefield's Mechanical Lubricator	3" to 1' arrangement and details of lubricator	26.6.12	1912	S69	B12	P	347	
18212	Diagram of Proposed Refrigerator Wagon	½" to 1' outline elevations of 19' van, 7'11" wide on 10'6" wheelbase with ice compartments at each end	- .7.12	1912	-	-	CP	334	
18230	Sketch Showing Position of Collins Wheel Flange Lubricator on R24 Class Engine	1 ½" to 1' outline elevation of frame and sketch showing position of lubricator in relation to rear of leading and centre wheels	- .7.12	1912	R24	J67	P	347	
18235	Four wheels Coupled Bogie Express Engines Class D56-Arrangement of Tube Ends for Swindon Superheater	3" to 1' arrangement of tubes and ends and full size details of bends	17.7.12	1912	D56	D15	CIP	347	
18237	Six Wheels Coupled Goods engines E72 Class-Arrangement and Details of Ashpan Gear	3" to 1' arrangement of gear and 6" to 1' details of components	30.7.12	1912	E72	J18	P	347	
18240	Safety Loop for Wagon Brake Push Rods	1 ½" to 1' outline side and end elevation showing position of loop from V hanger, 6" to 1' detail of loop	2.8.12	1912	-	-	P	334	
18243	Arrangement and Details of Hand Brake for Old Engine Frames Nos 1 to 7	1" to 1' side elevation and plan of former 6 wheel tender frames	11.9.12	1912	-	-	P	347	
18244	Mild Steel Drawgear for Bogie Suburban Trains	3" & 6" to 1' coupling details for carriages with short buffers at one and both ends, long buffers at both ends and at one end only Endorsed: superseded by Dg No 18862 21.9.14	8.8.12	1912	-	-	P	333	
18248	20 Tons Loco Coal Wagon M73	1 ½" to 1' general arrangement of 21'6" steel bodied coal wagon Endorsed: drawbar modified 3.4.35	5.9.12	1912	M73	46W	P	333	
18251	Four Wheels Coupled Shunting Tank Engine Class B74-Coupling Rod	Full size elevation and plan	19.2.13	1913	B74	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 25.8.24							
18253	Six Wheels Coupled Bogie Belpaire Superheater Express Engines S69-Arrangement of Piping and Details of Cocks, Unions, etc for Operating Lubricator	1 ½" to 1' arrangement on outline of engine My note: virtually illegible, details taken from Shannon	- .9.12	1912	S69	B12	C	347	
18253	Detroit Seven Sight feed Lubricator S69 Class Steam Cock Seating	Full size elevation, section and plan of seating My note: virtually illegible	- .9.12	1912	S69	B12	CI	347	4
18254	Meat Hooks for Refrigerator Vans B45 Class-Arrangement and Details	1 ½" to 1' section of van interior of van showing arrangement of meat hooks and full size details of hooks and fittings	26.8.12	1912	B45	14W	P	333	
18258	Sketch Showing Axle Trunnion for Maudsley Bus	Full size sectional plan	- .9.12	1912	-	-	CP	347	
18259	Six Wheels Coupled Tank Engines S56 Class-Alteration to Gear for Wakefield's Mechanical Lubricator (Graphite Lubricator to Chain Dotted Lines)	1 ½" to 1' arrangement of lubricator in relation to the motion and full size details of components Endorsed: work to Dg No 18820 for arrangement and details of gear for Wakefield's mechanical lubricator	- .9.12	1912	S56	J69	P	346	
18259	Alteration to Third Class Carriages and Brake Thirds for the Elsenham and Thaxted Light Railway LM6514	1" to 1' outline elevations and interior plan of revised layout, 2'9" dia wheels and modification to buffing and drawgear and provision of gangway plates and 1/8" to 1' plan of train formation: BT, T, T, T, BT	- .2.13	1913	-	613C 612C	P	273	-
18263	Wagon Wheel and Axle	3" to 1' elevations of 3'2" diameter wheel, 8 spokes, 8" x 3 ¾" journal, wheelset and full size section of tyre Endorsed: profile Gibson ring fastening altered 16.11.27	5.9.12	1912	-	-	P	333	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18264	Four Wheels Coupled Tank Engines Class P55-Arrangement and Details for Wakefield's Mechanical Lubricator	1½" to 1' arrangement in relation to valve gear and 3" to 1' details of components Endorsed: mechanical lubricator heater pipe and cock not required 30.6.39	24.9.12	1912	P55	F5	P	346	
18266	Six Coupled Bogie Express Engines Class A73 Numberplate	Full size elevation and section of number plate 2'0" x 1'0" for No 1505 dated 1012	26.9.12	1912	A73	B12	P	346	
18275	20 Tons Loco Coal Wagon-Underframe Details Class M73	3" to 1' details of numerous components Endorsed: superseded see Dg No 19556	15.10.10	1910	M73	46W	P	333	
18276	GER Stratford Works, Loco Dept-Proposed Position of New Desk in Messrs. Rudland and Farnie's Office	¼" to 1' layout of proposed office accommodation My note: virtually illegible	- .8.12	1912	-	-	CP	347	4
18308	Four wheels Coupled Bogie Express Engines Class D56 Fitted with Schmidt Superheater-Arrangement and Details of Spark Arrestor	3" to 1' arrangement of arrestor and 6" to 1' details of components	- .1.13	1913	D56	D15	CP	347	
18309	Arrangement of Main Line Third Class Carriage	¾" to 1' arrangement of 54' body with 8 compartment with interior layout and sectional elevations	2.10.12	1912	C73	430C	P	333	
18310	Arrangement of Holding Down Bolts for Third Class Carriage	¾" to 1' plan of underframe showing position of holes	- .10.12	1912	-	-	CP	334	
18314	Wheel and Axle 20 Tons Coal Wagons, 20 Tons Goods Brakes	Full size section through wheel rim 6" to 1' elevation and section of 9 spoke 3'1½" diameter wheel and axle	7.10.12	1912	-	-	P	334	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18316	4-4-0 Express Engines with Superheater D56 Class- Trick Piston Valve	Full size sectional elevations of valve My note: virtually illegible	- .10.12	1912	D56	D15	CP	347	4
18319	20 Ton Goods Brakes-Name and Number Plate	Full size elevations and plan of 1'6" by 5 3/8" plate inscribed 'GER 1912-20-Ton-Brake/1234'	3.10.12	1912	-	-	P	334	
18330	0-4-0 Shunting Tank Engine-Scheme 1	1 1/2" to 1' outline side elevation of engine 21'9" over buffer beams and 24'9 1/2" over buffers, 3'10" wheels and Walshaert's valve gear, 900 gallon side tanks extending to front of smokebox, coal capacity 1 ton	- .10.12	1912	-	-	P	347	
18336	Stationary Boiler (S46 Class Converted)	1 1/2" to 1' side elevation of firebox and end elevation of tubeplate with details of riveting	- .10.12	1912	S46	-	CI-C	347	
18337	0-4-0 Shunting Tank Engine-Scheme 2	1 1/2" to 1' outline side elevation of engine 21'6" over buffer beams and 24'6 1/2" over buffers, 4'0" wheels and Walshaert's valve gear, 900 gallon side tanks extending to front of smokebox, coal capacity 1 1/2" tons	18.10.12	1912	-	-	P	347	
18340	Arrangement and Details of Hand Brake on Old Tender Frame	1" to 1' elevations and plan of former 6 wheel 18'4" frame, 6'0 & 5'0" wheelbase with centre wheels removed with 3" to 1' details of brake gear with either side lever and two blocks	24.12.12	1912	-	-	P	346	
18342	Arrangement and Details of Brake Gear in Instruction Van	1 1/2" to 1' side and end elevation and plan of six brake cylinders coupled by Westinghouse pipes and 3" to 1' details of brackets	- .11.12	1912	-	8C	CP	346	
18344	4-6-0 Express Engines Class S69-Proposed Alteration to Superheater Smoke Tubes	Full size section of tube	- .10.12	1912	S69	B12	CP	346	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18345	Six Wheels Coupled Bogie Express Engines Class S69- Stone's Variable Blast Pipe and Ash Ejector	6" to 1' elevations, plan and sections of apparatus Endorsed: altered 21.11.13	3.12.12	1912	S69	B12	P	346	
18345 Att	Alteration to Stone's Blast Pipe S69 Class to Suit Coal Engines E72 Class	6" to 1' details of valve box Endorsed: for other dimensions see Dg No 18345	11.3.15	1915	S69	B12	P	346	
18345 Att	Six Wheels Coupled Bogie Express Engines Class S69- Alteration to Stone's Blast Pipe Valve Box for Engines with Exhaust Injector No 10	6" to 1' details of valve box Endorsed: for other dimensions see Dg No 18345	11.3.15	1915	S69	B12	P	346	

Office Copies Drawings List

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18347 Att 2	Six Wheels Coupled Bogie Express Engines S69 Class- Alteration to Gear for Auxiliary Steam Admission	Full size details of components	26.6.14	1914	S69	B12	P	347	
18349	Carriage Bogie Bolster Bearing Springs	Full size springs for kitchen end and restaurant end and 6" to 1' sketch showing proposed method of fitting bolster springs Endorsed: copy of I.A. Timmis & Sons Dg No T4424	22.8.12	1912	-	-	P	334	
18363	Six Wheels Coupled Bogie Express Engines Class A73, B78-Details of Spark Arrestor and Blast Pipe Gear	6" to 1' and full size details of components Endorsed: details added for class B78 and E72 and for engines with Robinson's superheater	3.1.13	1913	A73 B78	B12	P	347	
18363 Att	Six Wheels Coupled Express Engines Class A73- Guide for Stone's Blast Pipe Rod and Support for Hand Rail for Engines with Robinson's Superheater	Full size details of guide Endorsed: not required for B78 see Dg No 20057 3.5.14	- .6.13	1913	A73	B12	P	215	-
18370	Steam Pipe for Shunting Engines 228 Class	3" to 1' details of pipe Endorsed: one set to be made for trial	7.11.12	1912	228	Y5	TI-C	306	-
18371	Six Wheels Coupled Tank Engines Class T18- Arrangement of Lambert's Water Sanding Gear	1½" to 1' arrangement of gear shown on outline elevations and plan of engine and 6" to 1' details of brackets	28.3.13	1913	T18	J66	P	307	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18377	Alteration to Standard Buffer for Goods Engs. To Suit E72 Class	Full size sectional side and end elevations of buffer My comment: nature of alteration unclear	- .11.12	1912	E72	J18	CI-C	307	-
18392	Arrangement of Timmis's Concentric Bolster Springs on Restaurant Car	3" to 1' part elevations and plan of bogie and details of components Endorsed: for arrangement of bogie see Dg No 16935	14.11.12	1912	-	-	P	334	
18395	4-4-0 Express Engines with Superheater Class D56-Valve Chest Covers	Full size sectional elevations of cover	- .11.12	1912	D56	D15	CP	307	-
18396	Arrangement and Details of Dual and Handbrake on Hound Van (Converted from 1097 3 rd)	1½" to 1' arrangement shown in relation to elevations and plan of wood underframe and 3" to 1' details of components	21.11.12	1912	-	43M	P	334	
18407	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear	1½" to 1' details of gear shown on part outline elevations and plan of engine	16.11.12	1912	D56	D15	P	307	-
18415	Name, Load and Numberplate for Wagon	Full size details of plate size 1'6" x 5 3/8" deep and 1" to 1' part side elevations showing its position on high side, covered and cattle wagon solebars	23.11.12	1912	-	-	P	273	-
18416	0-4-0 Shunting Tank Engine	1½" to 1' outline side elevation of tank engine 21'6" over headstocks, 900 gallons side tanks, 1½ tons coal Endorsed: Scheme 3	20.11.12	1912	-	-	P	308	-
18420	The Standard Type 'Lambert' Sander Fitted to Leading Sand Box GER Engines Class T18	6" to 1' elevation and plan of gear Endorsed: Copy of drawing by Jourdain et Monnerel Brake Manufacturers, Paris Dg No 2182 dated 20.7.12 with additions on print by Stratford 6.3.13	- .7.12	1912	T18	J66	BP	308	-
		6" to 1' elevation and plan of gear							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18422	The Standard Type 'Lambert' Sander Fitted to Trailing Axlebox GER Engines Class T18	Endorsed: Copy of drawing by Jourdain et Monnerel Brake Manufacturers, Paris Dg No 2181 dated 19.7.12 with additions on print by Stratford 6.3.13	- .7.12	1912	T18	J66	BP	308	-
18424	Steel Steam Pipe for Shunting Engines 228 Class	3" to 1' details of pipe two per set	- .1.1.12	1912	228	Y5	P	308	-
18428	Arrangement and Details of Brake on Driving Wheels- GER Motor Buses	1/5 and 1/2 side elevation and plan of brake on part outline of chassis My comment: all dimensions are in millimetres	- .1.1.12	1912	-	-	CP	306	-
18430	General Arrangement of Refrigerator Van E73	1½" to 1' general arrangement of 19'2" covered van with ice chambers Endorsed: for alteration to ice chambers see Dg No 18839	9.12.12	1912	E73	64W	P	273	-
18431	Platework Details for Refrigerator Van E73	3" to 1' details of ironwork for underframe	8.1.13	1913	E73	64W	P	273	-
18432	Ironwork and Details for Refrigerator Van E73	3" to 1' details of body and underframe ironwork	1.1.13	1913	E73	64W	P	273	-
18438	The Standard Type 'Lambert' Sander Fitted to Trailing Axlebox GER Engines Class G69	6" to 1' elevation and plan of gear Endorsed: Copy of drawing by Jourdain et Monnerel Brake Manufacturers, Paris Dg No 2180 dated 19.7.12	- .7.12	1912	G69	F6	BP	308	-
18439	Standard Type 'Lambert' Sander Fitted to Driving Sand Box GER Engines Class G69	6" to 1' elevation and plan of gear Endorsed: Copy of drawing by Jourdain et Monnerel Brake Manufacturers, Paris Dg No 2179 dated 18.7.12 with additions on print by Stratford	- .7.12	1912	G69	F6	BP	308	-
18440	Underframe Arrangement of 4 Wheeled 20 Tons Goods Brake Class P73	1½" to 1' arrangement of 17'6" underframe Endorsed: altered for class F81; 2'1" stepboard on centre line added 13.12.18 for existing and future stock; axlebox 'R' to Dg No 12711 shown in place of 'E'; substituted for F81 by box 'Y' to Dg No 17411	14.1.13	1913	P73	56W	P	273	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18441	Four Wheeled 20 Tons Goods Brake-Details of Framing Class P73	1½" to 1' details of components for underframe and body	- .2.13	1913	P73	56W	P	273	-
18443	Water Trap Fitted to Westinghouse Brake Train Pipe on Brake Carriages	Full size elevations and sections	- .12.12	1912	-	-	P	273	-
18444	Engines Classes S46 & F48-Arrangement and Details of Firebox Roof Stays	¼" & ½" to 1' sectional arrangement and plan and full size details of components	- .12.13	1913	S46 F48	D14 J16	P	306	-
18450	Side Bearing Spring for Refrigerator Vans	6" to 1' elevation and plan of 5 plate spring 3'6 1/8" centres unloaded	12.12.12	1912	-	64W	P	273	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18453	Bending Moment Diagram of Six Coupled Coal Engines Class F48 (Diagram 12650-44) Crossing 38Ft Span	1/4" to 1 ton, 1/4" to 1' and 1" = 100 ft tons diagram	- .12.12	1912	F48	J16	CP	306	-
18454	Four Wheels Coupled Bogie Express Engines T19 Class-Cast Iron Header for Schmidt's Superheater	6" to 1' sectional elevations of header Endorsed: altered in red 20.2.14 and in blue 25.3.14	- .12.12	1912	T19	D13	P	306	-
18456	Draw Spring	Full size details of spring 5 1/2" deep under load Endorsed: superseded by Dg No 23607 24.11.21	20.12.12	1912	-	-	P	273	-
18457	Arrangement of 14 Ton Machine Truck Class F73	1 1/2" to 1' arrangement of 28'6" truck, 20'0" wheelbase with 2'8" dia wheels Endorsed: altered to red for C75 and future classes 29.8.13; altered for restriction plate to Dg No 18870 for F73 class only 9.8.13	- .2.13	1913	F73	75W	P	273	-
18458	Details of Framework for 14 Tons Machine Truck F73	1 1/2" to 1' details of components Endorsed: amendments for C75 and future classes 29.8.13; amended 7.4.14	19.2.13	1913	F73	75W	P	273	-
		3" to 1' details of brake and other body ironwork							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18459	14 Ton Machine Truck F73 Class-Ironwork Details	Endorsed: altered 17.6.13; brake lever and rack altered to blue 7.4.14; brake lever and rack altered to red for C75 and future classes 30.8.13; see Dg No 19105 23.1.14 for screw links for binding chains	- .2.13	1913	F73	75W	P	273	-
18466	Alteration to Engine Buffer and Casing	Full size sectional elevation and plan of casing and plunger Endorsed: altered to red for cast steel buffer plungers 14.7.14	- .12.12	1912	-	-	P	306	-
18467	20 Tons Loco Coal Wagon-Body Details Class M73	1½" and 3" to 1' details of body plating, angles and stanchions Endorsed: superseded see Dg No 19555	29.1.13	1913	M73	46W	P	273	-
18473	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Feed Water Heater	1½" to 1' arrangement on part outline elevations of engine, 3" and 6 to 1' details of components	11.1.13	1913	D56	D15	P	306	-
18477	Alteration to Gear for Working Stones Blast Pipe on S46 Class Engs.	3" to 1' arrangement and full size details of components	- .1.13	1913	S46	D14	P	307	-
18479	20 Tons Loco Coal Wagon-Ironwork Details Class M73	3" to 1' details of body and brake ironwork Endorsed: draw bar hook altered 30.4.35	19.3.13	1913	M73	46W	P	273	-
18490	Liner for T19 Class Short Blast Pipe to Suit T26 Class	Full size elevation and plan of liner	- .1.13	1913	T26	E4	P	308	-
18499	Standard Engine Buffer	Full size sectional side and end elevation Endorsed: passenger engine buffer My comment: largely illegible	- .12.15	1915	-	-	CP	307	-
18499	Buffer for Passenger Engines and Tenders	Full size sectional side and end elevation of buffer	27.5.19	1919	-	-	P	307	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18500	Four Wheels Coupled Shunting Tank Engine Class B74-Hornblock and Axlebox	6" to 1' sectional elevations and plan	- .1.13	1913	B74	Y4	P	308	-
18501	Four Wheels Coupled Shunting Engine Class B74-Front Cylinder Cover	Full size section and elevation of left hand cover	- .1.13	1913	B74	Y4	P	308	-
18502	Four Wheels Coupled Shunting Tank Engines Class B74-Piston and Rod	Full size elevations and sections Endorsed: altered 11.5.48 and two further undated amendments	13.1.13	1913	B74	Y4	P	308	-
18503	Four Wheels Coupled Shunting Tank Engine B74 Class-Cast Steel Motion Plate	3" to 1' elevations and sections of plate Endorsed: altered 30.11.18 and another	20.1.13	1913	B74	Y4	P	308	-
18504	Four Wheels Coupled Shunting Engine Class B74-Piston Rod and Valve Spindle Metallic Packing	Full size details of components Endorsed: metallic packing for front end of valve spindle not required see Dg No 18514	20.1.19	1919	B74	Y4	P	307	-
18505	Four Wheels Coupled Shunting Tank Engine Class B74-Arrangement and Details of Spring Gear	6" to 1' elevations and plan and full size details Endorsed: undated addition	28.1.13	1913	B74	Y4	P	308	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18506	Four Wheels Coupled Shunting Engine Class B74-Slide Bars	3" to 1' elevations and plan of bar and full size details Endorsed: slide bar bolts to be made of Class C steel 24.7.39	24.1.11	1911	B74	Y4	P	307	-
18507	Four Wheels Coupled Shunting Engine Class B74-Crosshead	Full size elevations and sections Endorsed: altered 23.7.13 and 11.7.21	21.1.13	1913	B74	Y4	P	308	-
18508	Four Wheels Coupled Shunting Tank Engine Class B74-Boiler	1½" to 1' elevations, sections and plan of boiler and 6" to 1' details Endorsed: altered in blue 6.8.14, in red 30.1.32 and undated in black	- .3.13	1913	B74	Y4	P	307	-
18510	Four Wheels Coupled Shunting Tank Engine Class B74-Spring	6" to 1' elevations and section of 11 plate spring 3'0" unloaded	24.1.13	1913	B74	Y4	P	308	-
18511	Four Wheels Coupled Shunting Engine Class B74-Connecting Rod	Full size elevations and plan Endorsed: modified in red 21.7.21 and 6.4.25	3.2.13	1913	B74	Y4	P	306	-
18512	Four Wheels Coupled Shunting Tank Engine Class B74-Slide Valve and Spindle	Full size elevations, section and plan of valves Endorsed: modified 16.7.21	- .1.13	1913	B74	Y4	CP	306	-
18513	Four Wheels Coupled Shunting Engine Class B74-Foundation Ring	3" to 1' elevation of ring and full size details of riveting	24.1.13	1913	B74	Y4	P	306	-
18514	Four Wheels Coupled Shunting Engines Class B74-Cylinders	3" to 1' elevations, sections and plans of cylinders Endorsed: altered 30.4.13	17.2.13	1913	B74	Y4	P	306	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18515	Four Wheels Coupled Shunting Engine Class B74- Centre Casting between Cylinders	3" to 1' elevations, sections and plan of casting	11.4.13	1913	B74	Y4	P	306	-
18515	Four Wheels Coupled Shunting Engines Class B74- Weights for Centre Casting Between Cylinders	3" to 1' elevations of 3 types of weight Endorsed: cancelled 9.10.13	- .3.13	1913	B74	Y4	P	306	-
Att 18516	Four Wheels Coupled Shunting Tank Engine Class B74-Cast Steel Leading Driving Wheels	3" to 1' elevations and sections of leading and driving wheels and full section through rim and tyre	- .3.13	1913	B74	Y4	CI	306	-
18517	Four Wheels Coupled Shunting Tank Engine Class B74-Axles	Full size elevation of journals and 3" to 1' elevation of axle	- .1.13	1913	B74	Y4	CI-C	306	-
18518	Four Wheels Coupled Shunting Tank Engine B74 Class-Motion Arrangement	3" to 1' elevations and half plan of motion Endorsed: undated alteration in black and altered 1.9.13	5.3.13	1913	B74	Y4	P	306	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18519	Four Wheels Coupled Shunting Tank Engine B74 Class-Details of Motion	Full size details of components	14.4.13	1913	B74	Y4	BP-L	306	-
18520	Crank Pins-Four Wheels Coupled Shunting Tank Engine Class B74	Full size elevations and plan of pins Endorsed: see Dg No 28537 for driving	- .1.13	1913	B74	Y4	P	306	-
18522	Four Wheels Coupled Shunting Engine Class B74- Steam Pipe Connection	Full size elevations and plan	17.2.13	1913	B74	Y4	P	253	-
18524	Four Wheels Coupled Shunting Engine Class B74- Framing Arrangement	1½" to 1' elevations and plan with sections	2.6.13	1913	B74	Y4	P	253	-
18524 Att	Four Wheels Coupled Shunting Tank Engine Class B74-Alteration to Frame at Trailing End	3" to 1' elevations and plan of alterations Endorsed: see Attachment for B77 6.8.14; altered 29.4.14, 5.8.14 and 18.9.14	8.8.13	1913	B74	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18524 Att	Four Wheels Coupled Shunting Tank Engine B77 Class-Alteration to Frame at Trailing End to Suit Brake Column	3" to 1' elevations and plan showing alteration	12.8.14	1914	B74	Y4	P	253	-
18525	Four Wheels Coupled Shunting Engine B74 Class-Chimney	6" to 1' sectional elevations and half plan of 3'1 1/4" chimney Endorsed: see Attachment for B77 15.7.14	- .3.13	1913	B74	Y4	CI-C	253	-
18525 Att	Chimney for B77 Class	6" to 1' sectional elevation of 1'10 1/4" chimney	15.7.14	1914	B77	Y4	P	253	-
18526	Four Wheels Coupled Shunting Tank Engine Class B74-Ashpan Details	Full size details of components	- .3.13	1913	B74	Y4	CI	253	-
18527	Four Wheels Coupled Shunting Tank Engine Class B74-Ashpan Arrangement	3" to 1' elevations and plan	11.4.13	1913	B74	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18528	Expansion Bracket-Four Wheels Coupled Tank Engine Class B74	Full size detail of riveting and 6" to 1' elevations of bracket	- .4.13	1913	B74	Y4	CI-C	253	-
18529	Four Wheels Coupled Shunting Tank Engine Class B74-Boiler Stays	Full size details of various types of stays	- .4.13	1913	B74	Y4	P	253	-
18530	Four Wheels Coupled Shunting Tank Engine Class B74-Blast Pipe	3" to 1' elevations and inverted plan	- .3.13	1913	B74	Y4	CI-C	253	-
18531	Four Wheels Coupled Shunting Engine Class B74-Smokebox	3" to 1' sectional elevations	1.5.13	1913	B74	Y4	P	253	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18532	Four Wheels Coupled Shunting Engine Class B74, G75-Smokebox Door	6" to 1' half elevation elevation and plan of door	30.4.13	1913	B74	Y4	P	253	-
18533	Four Wheels Coupled Shunting Tank Engine Class B74-Trailing Sand Box	3" to 1' sections and elevations Endorsed: cancelled see Dg No 18866	- .5.13	1913	B74	Y4	CI	253	-
18534	Four Wheels Coupled Shunting Tank Engine B74 Class-Arrangement and Details of Reversing Gear	1½", 3" & 6" to 1' elevations and plan of arrangement and details of components Endorsed: altered 31.8.14	16.5.13	1913	B74	Y4	P	253	-
18535	Four Wheels Coupled Shunting Tank Engine Class B74-Footplate Casting	3" to 1' details of two weights Endorsed: cancelled 9.10.13	- .7.13	1913	B74	Y4	P	253	-
18536	Four Wheels Coupled Shunting Engine Class B74-Injector Steam Cock	Full size elevations and sections	- .4.13	1913	B74	Y4	CI	253	-
18538	Four Wheels Coupled Shunting Engine Class B74-Tank Stays	Full size details of 2 types of stay	- .5.13	1913	B74	Y4	CP	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18539	Four Wheels Coupled Shunting Engine Class B74- Brake Arrangement	1½" to 1' arrangement shown on part outline of engine Endorsed: for alteration to hand brake for B77 see Attachment; altered 23.2.22	7.5.13	1913	B74	Y4	P	253	-
18539	Four Wheels Coupled Shunting Tank Engine B77 Class-Arrangement of Brake	1½" to 1' side elevation of hand brake arrangement at end of cab	29.7.14	1914	B77	Y4	P	253	-
Att									
18540	Four Wheels Coupled Shunting Engine B74 Class- Brake Column	3" to 1' elevations and plan	28.7.14	1914	B74	Y4	P	253	-
Att									
18541	Alterations to Cab and Windows B77 Class	1½" to 1' elevations and plan of cab	26.6.14	1914	B77	Y4	P	253	-
Att									
18542	Four Wheels Coupled Shunting Tank Engine Class B74-Cylinder Cock and Sand Gear Details	1½", 3" and 6" to 1' details of numerous components Endorsed: altered 8.8.13 My comment: virtually illegible, possible sand box and brake details		1914	B74	Y4	CP	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18543	Four Wheels Coupled Shunting Tank Engine Class B74-Rod, Pipe and Clothing Details	1½", 3" and 6" to 1' and full size details of components	- .5.13	1913	B74	Y4	P	253	-
Att 18543	Four Wheels Coupled Shunting Engine Class B74-Trailing Sand Box Gear Details	6" to 1' details of components	8.8.13						
Att 18544	Four Wheels Coupled Shunting Engine Class B74-Arrangement of Trailing Sand Box and Gear	1½" to 1' side elevation and plan of gear	- .5.13	1913	B74	Y4	P	253	-
18544	Four Wheels Coupled Shunting Tank Engine Class B74-Rod, Pipe and Clothing and Injector Arrangement	1½" to 1' elevations and plan of engine Endorsed: see Dg Nos 18866 & 18542 and Attachment for alteration to trailing sand box and gear 8.8.13 Endorsed: see Attachment for position of toolbox 12.1.20; altered 6.8.14 and 7.9.14	2.6.13	1913	B74	Y4	P	253	-
Att 18544	Sketch Showing Position of Tool Box on Shunting Engines A82 Class	1½" to 1' elevations and plan of tool box on footplate	11.1.21	1921	A82	Y4	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18545	Four Wheels Coupled Shunting Tank Engine Class B74-Cylinder Clothing	3" to 1' elevations and plan	- .5.13	1913	B74	Y4	P	253	-
18546	Four Wheels Coupled Shunting Engine Class B74-Footboard	1½" to 1' elevations and plan	- .5.13	1913	B74	Y4	CI	253	-
18547	Four Wheels Coupled Express Engines Class T19 Belpaire Fitted with Schmidt Superheater-Piston Rod	Full size details Endorsed: tail rods not required 14.8.14; work to red for T19 class engines with 25" stroke and Schmidt superheater 1.10.13	25.6.13	1913	T19	D13	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18549	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Superheater-Piston Tail Rod Casing and Bush, Valve Spindle Tail Rod Casing, Bush and Oil Box	6" to 1' and full size details of components	- .7.13	1913	T19	D13	P	253	-
18550	Four Wheels Bogie Express Engines T19 Class Belpaire Fitted with Schmidt Superheater- Arrangement of Metallic Packing and Tail Rod Casings for Piston Rod and Valve Spindle-Method of Lubrication of Slide Valves, Pistons and Cylinders	3" to 1' sectional elevations and 6" to 1' and full size details	12.7.13	1913	T19	D13	P	253	-
18551	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheated-Smokebox	3" to 1' sectional elevations of smokebox and part details of cylinder Endorsed: altered 6.10.14 and 21.12.21	26.9.13	1913	T19	D13	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18552	Tee Piece for Steam Pipe Connections for T19 Class Fitted with Schmidt Superheater	6" to 1' sections and elevations	24.7.13	1913	T19	D13	P	253	-
18553	Four Wheels Coupled Bogie Express Engines Class T19 with Belpaire Fitted with Superheater- Arrangement and Details for Wakefield's Mechanical Lubricator	1½" to 1' arrangement on engine and 6" to 1' and full size details Endorsed: altered 1.10.14, 18.5.16 and 30.6.39	16.9.13	1913	T19	D13	P	253	-
18553	T19 Class Superheater Engines-Arrangement for Wakefield's Mechanical Lubricator (7 Feed)(No 7 Pattern)	1½" to 1' elevation of plan of arrangement on section of engine	- .5.16	1916	T19	D13	P	253	-

Att

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18553 Att	T19 Class Superheater Engines-Arrangement and Details for Steam Jet Attachment (Anti Carboniser) for Wakefield's Mechanical Lubricator	1½" to 1' arrangement on front part of engine and details of pipes and brackets	15.II.17	1917	T19	D13	P	253	-
18553 Att	Four Wheels Coupled Express Engines Class T19 Belpaire with T19 Superheater and Balanced Valves-Arrangement of Lubricator Pipes to Cylinders, Port Faces and Steam Chest Covers	3" to 1' elevations and sections	7.II.17	1917	T19	D13	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18554	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater-Details of Spark Deflector and Blast Pipe Gear	1/2" to 1' and full size details Endorsed: modified 1915 for engines fitted with Robinson's superheater Endorsed: modified 14.10.24 for engines fitted with blast pipe to Dg No 25172	- .10.13	1913	T19	D13	P	253	-
18555	Arrangement and Details of Gangway for Carriages	6" to 1' arrangement of gangway 2'9" between angles and components Endorsed: altered 27.3.14; altered 4.1.23 for gangways to couple to Pullman vestibules and 16.11.32	3.8.13	1913	-	-	P	273	-
18556	Adaptor to Couple Existing Gangway to Gangway of British Standard Pattern	3" to 1' elevation and section of adaptor and details of components	26.8.13	1913	-	-	P	273	-
18560	Balanced Slide Valve D56 Class	Full size elevations and sections Endorsed: altered 12.2.14; dimensions in brackets for F48 class	- .9.13	1913	D56	D15	CP	253	-
18562	Four Wheels Coupled Bogie Express Engines Class T19-Arrangement and Details of Stones Patent Blast Pipe Gear and Spark Deflector	3" to 1' arrangement of gear and 6" to 1' and full size details of components Endorsed: altered 18.2.14	- .10.13	1913	T19	D13	P	253	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18568	No 10 Axlebox Washer and Cap	Full size elevations of components for road vehicle Endorsed: altered 14.7.26	- .3.13	1913	-	-	P	274	-
18570	Ironwork for Details for Alteration to Third Class Carriages and Brake Thirds for the Elsenham & Thaxted Light Railway LM6514	3" to 1' details of hand rails and footboard supports	- .3.13	1913	-	614C 613C	P	273	-
18587	No 10 Arm and Axle	6" to 1' elevation of arm for road vehicle	24.2.13	1913	-	-	P	275	-
18589	Emergency Coupling for Bogie Suburban Trains-Loughton Service	Full size elevations and plan of coupling Endorsed: altered 7.12.20	- .2.13	1913	-	-	P	274	-
18590	Arrangement of Pair Horse Lorry D&P2342	1½" to 1' general arrangement of flat bed lorry 14'2½" inside length Endorsed: amended 5.11.13; floorboards to be of oak 11.2.30	10.4.13	1913	D&P 2342	-	P	274	-
18591	Ironwork Details for Pair Horse Lorry D&P2342	3" to 1' details of ironwork Endorsed: cross reference to Dg No 18932 floorboards to be deal 11.2.30	12.4.13	1913	D&P 2342	-	P	274	-
18592	Arrangement of One Horse Lorry	1½" to 1' general arrangement of 2½ ton lorry 11'8" inside length Endorsed: modified 30.12.13; lock for footbrake see Dg No 18900 London District stock only; floorboards to be deal 11.2.30	- .3.12	1912	-	-	P	274	-
18592	Arrangement of One Horse Lorry 2½ Tons	1½" to 1' general arrangement of 4 wheel van 11'8" over body	- .3.13	1913	-	-	CP	213	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18572	Arrangement of One Horse Lorry 2 1/2 Tons	Endorsed: amended 16.10.13, body modified to 13'2" long	12.3.13	1913	-	-	CI	219	-
18593	Ironwork Details for One Horse Lorry	3" to 1' details of components Endorsed: altered 16.10.13, 30.12.13; for lock for footbrake see Dg No 18900 London District stock only	12.4.13	1913	-	-	P	275	-
18594	Bearing Spring for Dining Cars L62 Class Nos 55 & 56	3" to 1' elevation and plan of spring with full size detail	12.2.13	1913	L62	26C	CP	275	-
18603	Arrangement and Details of Pyrometer Tube Casing Class S69	1 1/2" to 1' arrangement on side of smokebox and full size details of clips	19.2.13	1913	S69	B12	P	239	-
18605	Four Wheels Coupled Engines Class T26-Built Up Crank Axle	3" to 1' details of right hand crank Endorsed: for left hand crank axle see Dg No 18606; cancelled see Dg No 26589 15.6.27	12.2.13	1913	T26	E4	CI-C	239	-
18606	Four Wheels Coupled Tank Engines Class T26-Built Up Crank Axle	3" to 1' arrangement of left hand crank Endorsed: for right hand crank axle see Dg No 18605	12.2.13	1913	T26	E4	CI-C	239	-
18629	Proposed 0-6-0 Tank Engine	1 1/2" to 1' outline elevation of engine length 32'5" over buffers with 5' dia wheels, WB 7'6" and 9'0", coal 3 tons, tank capacity 1,500 gallons Endorsed: scheme 1	12.4.13	1913	-	-	CP	239	-
18633	Bearing Spring Shoe for Wood Framed Wagons	Full size elevations and plan of shoe 3" to 1' diagram showing method of fixing to frame	23.6.13	1913	-	-	P	274	-
18639	No 11 Axlebox, Washer and Cap	Full size elevations and plan for road vehicle Endorsed: altered 29.11.16	19.3.13	1913	-	-	P	274	-
18647	Artillery Pattern Wheel for One Horse Lorry	6" to 1' elevation and section of 12 spoke wheel 2'11" diameter	18.4.13	1913	-	-	P	275	-
18648	Artillery Pattern Wheels for Pair Horse Lorry	6" to 1' elevations and section of 12 spoke hind and front wheels, 2'6" and 2'0" diameter	12.4.13	1913	-	-	P	275	-

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18663	Additional Filling Valve for Travelling Gas Holder Elsenham & Thaxted Light Railway	1" to 1' outline side elevation and plan of standard gas tank underframe showing an additional valve My comment: comprises a standard carriage bracket and filling valve with gauge connection blanked off	- .4.13	1913	-	63W	P	275	-
18664	Drawgear for 48Ft 3Ins and 50Ft Bogie Vehicles	1" to 1' arrangement of drawgear in relation to frame and 3" to 1' details Endorsed: amended 5.6.14 for No 55 restaurant and No 533 3rd	15.4.13	1913	-	-	P	275	-
18665	Diagram Showing Proposed Alteration to Existing Stock to Form Auto Train for Shenfield-Southend Service	1/4" to 1' interior of a composite and third class bogie carriages with gangway between and drivers compartment drawn by 2-4-2 tank	17.4.13	1913	-	-	P	275	-
-1									
18667	Sketch Showing Position of Pyrometer in Steam Chest for Engine 1501	3" to 1' details and components	11.4.13	1913	S69	B12	P	239	-
18672	Four Wheels Coupled Bogie Express Engines Class T19-Stones Variable Blast Pipe and Ash Ejector	6" to 1' arrangement of blast pipe and full size details of components	2.6.13	1913	T19	D13	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18672 Att	Alteration to Stones Blast Pipe T19 Class to Suit T26 Class Engines	Full size details of lower part of blast pipe	5.9.13	1913	T26	E4	P	239	-
18673	17Ft High Sided Wagon Fitted with Sheet Pole	1½" to 1' outline arrangement of 7 plank body 4'0½" deep, elevations and half plan and 3" to 1' details of sheet pole fittings Endorsed: cancelled see Dg No 19385 12.6.14	14.4.13	1913	-	73W	P	274	-
18675	Reversing Gear Details for F48 Class Engines with L56 Class Brackets	Full size details of components	- .4.13	1913	F48	J16	P	239	-
18680	Six Wheels Coupled Tank Engines Class S56- Arrangement and Details of Gear for Wakefield's Mechanical Lubrication for Axleboxes	1½" to 1' arrangement of apparatus on outline of engine and full size details of components	- .7.13	1913	S56	J69	CP	239	-
18689	Coupling Ends of Westinghouse Steam Heating Pipes	Full size elevations and plan with details of components	29.4.13	1913	-	-	P-C	274	-
18690	Arrangement of Bosch's Mechanical Lubricator Class S69	3" to 1' arrangement of gear and 6" to 1' details of components Endorsed: for other details see Dg No 17277 and 18203	- .4.13	1913	S69	B12	P	239	-
18691	Arrangement of Slot in Headstock for Carriages with Independent Draw Springs	6" to 1' elevation and plan of headstock	2.5.13	1913	-	-	P	274	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: modified 4.5.14							
18693	Arrangement of Stones Mechanical Lubricator Class S69	3" to 1' arrangement of lubricator and 6" to 1' details of components Endorsed: for other details see Dg No 17277 and 18203	14.5.13	1913	S69	B12	P-C	239	-
18694	Four Wheels Coupled Radial Tank Engines Y65 Class- Arrangement of Gear on Engine to Work Auto Train	1½" to 1' arrangement in relation of rear end of engine Endorsed: extra rails added to bunker and back window guard rails 1.12.15	16.6.13	1913	Y65	F7	P	239	-
18695	Arrangement of Fire Engine Truck for Ipswich D&P2349	1½" to 1' general arrangement with sections Endorsed: altered to red for Cambridge fire engine truck D&P4657 16.12.15; for ramp and stretcher for Cambridge engine see Dg No 20532	2.5.18	1918	D&P 2349	-	P	275	-
18702	Hose Clips for Water Cranes	6" to 1' plan of two clips	3.5.13	1913	-	-	CI	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18715	Position of Holes in Solebar of 50Ft Carriages with Steam Heating Pipe Connections	¾" to 1' seven outline side elevations of solebars showing hole positions for 1st D74, compo D73, X73, X76, compo E71, 3rd F74, L74, 3rd C73, Y76, brake 3rd Y73, brake I74	7.5.13	1913	-	-	P	275	-
18728	Six Wheels Coupled Bogie Express Engines Class S69- Piston Valves and Spindle	Full size arrangement Endorsed: altered 16.7.21	23.5.13	1913	S69	B12	P	239	-
18729	Six Wheels Coupled Bogie Express Engines Class S69- Piston Valves and Spindle	Full size elevations Endorsed: altered 22.11.13 and 16.7.21	23.5.13	1913	S69	B12	P	239	-
		1½" and 3" to 1' details of components			D&P 239				

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I8734	Details of Underframe and Turntable for Fire Engine Truck D&P239 and Class T82	Endorsed: altered to red for Cambridge truck D&P4657 17.12.15; work to alterations to green and red for truck T82 30.1.20	28.5.13	1913	T82	-	P	275	-
I8735	Details of Ironwork of Fire Engine Truck D&P2349	1", 1½", 3" and 6" to 1' details of components Endorsed: for Cambridge truck see Dg No 20532; notes added for Cambridge truck D&P4657 20.12.15	16.6.13	1913	D&P 2349	-	P	274	-
I8736	Auxiliary Draw Springs	Full size detail of spring	22.5.13	1913	-	-	P	275	-
I8740	Four Wheels Radial Tank Engines Class Y65 & P55- Details of Actuating Cylinder and Shaft Brackets for Auto Train Gear	6" to 1' and full size details	9.6.13	1913	P55 Y65	F5 F7	CP	239	-
I8741	Arrangement of Body for Fish Van M74 Class	1" to 1' arrangement of 32' body Endorsed: load reduced from 10 to 8 tons 11.5.16	20.6.13	1913	M74	44W	P	274	-
I8742	Arrangement of Underframe for Fish Van M74 Class	1" to 1' elevations and plan of 31'10½" timber underframe showing dual brake details and position of gas cylinder	- .6.13	1913	M74	44M	P	275	-
I8743	Details of Underframe Ironwork for Fish Van M74 Class	3" to 1' details of components Endorsed: two undated modifications My comment: parts of print missing	7.8.13	1913	M74	44M	P	275	-
I8744	Ironwork and Details for Body of Fish Van M74 Class	3" and 6" to 1' details of ironwork Endorsed: additional components added 24.7.13	1.7.13	1913	M74	44M	P	274	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18749	Four Coupled Express Engines Class D56-Oil Box for Small Ends	Full size details Endorsed: amended 3.6.15	9.6.13	1913	D56	D15	P	239	-
18773	Drivers Control Valve for Auto Train Gear	Full size details of components	8.6.13	1913	-	-	P	239	-
18774	Six Wheels Coupled Express Engines Class A73, B78-Arrangement of Robinson's Superheater and Draught Retarder	3" to 1' elevations and section of smokebox Endorsed: work to red for B78 9.3.15, see Dg No 19874 for B78 header	13.6.13	1913	A73	B12	P	239	-
18775	Electric Contact Box for Auto Train Gear	Full size sections of wooden box	- .6.13	1913	-	-	P	239	-
18776	Four Wheels Coupled Radial Tank Engines Class Y65-Pressure Reducing Valve and Other Brass Details for Auto Train Gear	Full size details of valve, etc.	15.8.13	1913	Y65	F7	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18776	Tee Pieces for Additional Westinghouse Pump on Auto Train Engine	Full size details	- .10.14	1914	-	-	CP	239	-
Att									
18777	21 Element Cast Iron Superheater Header	3" to 1' arrangement Endorsed: copy of Locomotive Superheater Corporation 364/8 dated 19.3.13	19.3.13	1913	-	-	BP	239	-
18792	Proposed Arrangement for Working Air Reversing Gear with Steam on Goods Engines F48 Class	1½" to 1' arrangement on outline of lower part of engine	- .6.13	1913	F48	J16	OC-C	239	-
18792	Proposed Arrangement for Working Air Reversing Gear with Steam on Goods Engines F48 Class	1½" to 1' arrangement on outline of lower part of engine	- .6.13	1913	F48	J16	P	239	-
18793	Four Wheels Coupled Bogie Express Engines Class T19 fitted with Schmidt Superheater-Cover	Full size details of cover Endorsed: amended 3.10.13 and 26.8.14	- .6.13	1913	T19	D13	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18793 Att	Four Wheels Coupled Bogie Express Engines Class T19 with 25In Stroke Fitted with Schmidt Superheater-Front Cylinder Cover	Full size section Endorsed: for cylinder cover for future engines T19 class, 25" stroke superheater see Dg No 19550	1.10.13	1913	T19	D13	P	239	-
18794	Outline of Proposed Four Wheels Coupled Radial Tank Engine (Modified G69 Class)	1½" to 1' outline side elevation of 2-4-2 tank with 7'6", 8'9" and 6'9" wheelbase, no overall length shown	21.6.13	1913	-	-	P	239	-
18795	Bending Moment Diagram of Proposed Four Wheels Radial Tank Engine (Modified G69 Class) Crossing 20 Ft Span	Scale ¼" to 1' and 1" equals 100 ft tons Endorsed: for diagram of engine see Dg No 18794	- .6.13	1913	-	-	CP	239	-
18804	Four Wheels Coupled Express Engines Class D56- Arrangement of Steam Distributing Valves on Boiler for Galloway-Hill Patent Furnace	1½" to 1' arrangement on outline of firebox and full size details of components	- .6.13	1913	D56	D15	P	239	-
18810	Diagram of Ambulance Train	1/8" to 1' elevation and plan of ambulance train and interiors of the 50' vehicles before alteration comprising diagrams 529, 234, 541, 541, 541, 535, 541, 541, 541, 9 & 234 1/8" to 1' elevation and plan of ambulance train and interiors of 50' vehicles before alteration comprising diagrams 234, 541, 541, 135, 541, 541, 9 & 234	- .8.14	1914	-	-	P	450	2
18810	Diagram of Proposed Ambulance Train		- .8.13	1913					
18820	Six Wheels Coupled Tank Engines S56 Class- Arrangement and Details of Gear for Wakefield's	1½ to 1' arrangement of gear with 6" to 1' and full size details of components	10.7.13	1913	S56	D14	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18820	Arrangement and Details of Gear for Wakefield's Mechanical Lubricator	Endorsed: for engines with three feed lubricators see attachment; altered 15.9.13	7.7.13	1913	S56	D14	P	239	-
18820	Six Wheels Coupled Tank Engines S56 Class- Arrangement and Details of Gear for Wakefield's Mechanical Lubricator	1½ to 1' arrangement of gear with 6" to 1' and full size details of components My comment: largely illegible, title may be incorrect, amended 30.6.39	10.10.13	1913	S56	D14	CP	239	-
18823	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' arrangement shown on outline of engine and components	7.1.14	1914	D56	D15	P	239	-
18836	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater, Stones Variable Blast Pipe and Ash Ejector	3" to 1' arrangement of blast pipe Endorsed: work to Dg No 21572 15.10.24 and altered 25.10.13	7.1.13	1913	T19	D13	P	239	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18836 Att	Alteration to Stones Blast Pipe T19 Class to Suit D56 Class Fitted with Schmidt Superheater	Full size arrangement of blast pipe	- .1.14	1914	D56	D15	P	239	-
18839	Alteration to Refrigerator Vans E73 Class- Arrangement and Details	1 ½" to 1' part section and sectional end elevation of van and 3" to 1' details of components Endorsed: altered 16.6.14	- . .13	1913	E73	64W	P	447	2
18840	Galvanised Iron Ice Tank for Refrigerator Van E73	3" to 1' elevations and plan of ice tank made of no 14 SWG sheet	21.7.13	1913	E73	64W	P	447	3
18857	20 Ton Coal Wagon-Buckle for Buffing	Full size elevation and plan of wagon drawhook	31.12.14	1914	-	-	P	443	4
18858 18859	Diagram of Wagons for Proposed Rail Train for Lowestoft Proposed Rail Train for Lowestoft-Sketch of Wagon with Sunk Bolster	½" to 1' outline elevations of 13' trucks with sunk bolster and 8' wheelbase, one set of 3 trucks for 45' rails and 2 trucks for 30' rails Endorsed: 5 sets of 3 trucks each per train 1 ½" to 1' outline side and end elevation of 13' wagon with sunk bolster and 8' wheelbase	30.7.13	1913	-	-	P	448	2
18860	Arrangement of Draw Gear with Slotted Headstock for Bogie Suburban Trains R to Y74	1 ½" to 1' half sectional side elevation of frame and half plan showing details of draw gear Endorsed: altered 18.8.13	24.7.13	1913	R74 S74 T74 X74 Y74	104C 237C 238C 300C 542C	P	447	3
18862	Mild Steel Gear for Bogie Suburban Trains with Slotted Headstock R to Y74	3" and 6" to 1' elevations and plan of drawhook, drawbar and fittings Endorsed; altered 10.3.15 for hook see Dg No 18942; altered 21.2.16 & 8.12.19	27.7.13	1913	R74 S74 T74	104C 237C 238C	P	447	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					X74 Y74	300C 542C			
18864	Six Wheels Coupled Express Engines Class S69- Sketch of Flange for Steam Pipes	Full size sectional elevation and plan Endorsed: altered for other classes; cancelled see Dg No 23236 22.10.20	30.7.13	1913	S69	B12	P	289	-
18866	Four Wheels Coupled Tank Shunting Engine Class B74-Trailing Sand Box	3" to 1' elevation and plan of sand box Endorsed: 3" to 1' arrangement of sand box added for D81 class Lentz valve gear undated; original drawing altered 12.2.15	8.8.13	1913	B74	Y4	P	289	-
18870	Restriction Plate for Machine Trucks	Full size elevation and section of plate 10 1/2" x 4 3/8" cast plate lettered 'Not to Loaded via the NERly beyond York' for 25 ton machine trucks and 14 ton machine trucks prior to C75	9.8.13	1913	-	-	P	447	2
18883	Moveable Partition for Cattle Wagons	1 1/2" to 1' elevation, sections and plan of partition and 3" to 1' details of ironwork Endorsed: altered 29.10.13	16.8.13	1913	-	-	P	448	2
18884	Details of Hydraulic Reversing Gear	6" to 1' details of components Endorsed: altered 19.9.17	- .8.13	1913	-	-	P	288	-
18885	Hydraulic Reversing Gear-Cocks and Valve Bracket	6" to 1' elevations and plan of cocks and 6" to 1' details of bracket	10.9.13	1913	-	-	P	289	-
18886	Six Wheels Coupled Goods Engines Class F48- Hydraulic Reversing Gear Arrangement	(Full size) elevation and plan of reversing gear, undimensioned	25.8.13	1913	F48	J16	P	289	-
18886 Att	Alteration to Hydraulic Reversing Gear Engs. F48 Class	Full size sectional elevation Endorsed: altered 19.9.17	26.2.15	1915	F48	J16	P	289	-
18887	Arrangement of Davies & Metcalfe's Exhaust Injector on Four Wheels Coupled Express Engines D56 Class	1 1/2" to 1' arrangement shown in relation to outline elevations and half plan of engine	- .8.13	1913	D56	D15	P	288	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18888	Details of Exhaust Injector Gear on Express Engines Class D56	3" and 6" to 1' and full size details of numerous components	- .8.13	1913	D56	D15	P	288	-
18890	Alteration to Draw Gear of Bogie Suburban Carriages	1 ½" to 1' sectional side elevation and plan of draw gear Endorsed: altered 17.10.13 & 1.10.14	18.8.13	1913	-	-	P	448	2
18901	10 Ton High Sided Goods Wagons-Stiffening Plate for Wagons Fitted with McCords Bearing Spring	Full size part elevation, plan and sectional end elevation showing position of plate mounted on outside of channel steel solebar	- .8.13	1913	-	-	P	434	
18902	Six Wheels Coupled Express Engines Class S69- Arrangement of Pipes and Gear for Davies & Metcalfe's No 9 Exhaust Steam Injector	1 ½" to 1' arrangement shown in relation to outline of elevations and half plan of engine	- .8.13	1913	S69	B12	CP	289	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18906	Four Wheels Coupled Bogie Express Engines T19 Belpaire-Arrangement and Details of Superheater Damper Gear	1 1/2" to 1' outline elevations of engine showing arrangement of equipment and 6" to 1' details of components	-	1913	T19	D13	P	288	-
18907	Arrangement of Draw and Buffing Gear on Bogie Suburban Trains	1 1/2" to 1' sectional side elevation and plan of underframe and coupling arrangement between carriages with short buffers	27.8.13	1913	-	-	CP	450	2
18908	Diagrams of Wagons for Proposed Rail Train for Lowestoft	1/2" to 1' outline elevations of 13' bolster wagons, 5 sets of 3 to Carry 45' rails and 2 to carry 30' rails Endorsed: diagram 18858 amended as per Mr Jones letter 20.8.13	28.8.13	1913	-	-	P	434	
18916	Smokebox Door for Engines with 4Ft 4Ins Diameter Boilers	6" to 1' elevation and sections	16.9.13	1913	-	-	P	288	-
18917	Six Wheels Coupled Goods Engines Class F48-Arrangement of Hydraulic Reversing Gear	1 1/2" to 1' arrangement of gear shown in relation to outline elevations and half plan of engine	21.10.13	1913	F48	J16	P	288	-
18921	Alteration to Carriage Gangways	3" to 1' side and end elevations and plan of gangway and 6" to 1' details of new components Endorsed: altered 12.8.20	11.9.13	1913	-	-	P	434	
18927	Diagram of Proposed 13Ft Bolster Wagon	1/2" to 1' outline side elevation of 13' bolster wagon with 8' wheelbase	18.9.13	1913	-	-	P	434	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18928	Enfield Bogie Train-Alteration to Slotted Headstocks and New Emergency Coupling	1½" to 1' part sectional elevation and plan of underframe and 3" to 1' details of components	18.9.13	1913	-	-	P	434	
18932	Alterations to Brake Pair Horse Lorries	3" to 1' elevation of arrangement and full size details of components Endorsed: D&P2342 and future classes for London cartage	29.8.13	1913	-	-	P	448	2
18933	Arrangement of Continental Wagon B75	1½" to 1' general arrangement of 22' 10" open wagon Endorsed; brake hangers altered 12.2.14	14.10.13	1913	B75	69W	CP	446	2
18934	Frame Details for Continental Wagon B75	3" to 1' elevations and plans of numerous frame components	- .11.13	1913	B75	69W	P	447	2
18935	Ironwork Details for Continental Wagons B75	3" to 1' details of numerous components	27.10.13	1913	B75	69W	CP	446	2
18939	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire with Schmidt Superheater and 25In Stroke Piston	Full size elevations and plan of piston Endorsed: altered 24.3.14 & 24.4.28	7.10.13	1913	T19	D13	P	288	-
18940	Six Wheels Coupled Goods Tank Engines Class G75- Cab, Tanks and Coal Bunker	1½" to 1' elevations and plan of these elements Endorsed: altered 3.4.25 additional bars to bunker coal rails 8.6.25	27.10.13	1913	G75	J68	P	289	-
18941	Six Wheels Coupled Tank Engines R24 Class (Engines No 198)-Arrangement and Details of Tank for Using 'DM Boiler Enamel'	1½" to 1' elevations of tank mounted on side of cab by cut out and full size details of fittings My comment: tank 12" x 12" x 7" deep	- .10.13	1913	R24	J67	CP	288	-
18942	Profile of Draw-Hook for Carriage Stock for New Hooks	Full size elevations and plans of hook made from steel	10.10.13	1913	-	-	P	446	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18942 -1	Profile of Draw-Hook for Carriage Stock for New Hooks	Full size elevations and plan of steel hook	14.7.18	1918	-	-	P	448	2
18943	Alteration to Draw Hook for Carriage Stock-Existing Hooks	Full size elevation and plan of hook Endorsed: altered 15.11.13	10.10.13	1913	-	-	P	434	
18945	Arrangement of Buffing and Draw Gear on 50Ft Steel Underframe	1 ½" to 1' half sectional side and half plan of channel steel underframe	10.11.13	1913	-	-	P	447	2
18949	Four Wheels Coupled Tank Engine Class C32- Arrangement of Steam Heating Pipes	1 ½" to 1' arrangement of pipes on outline elevation and half plan of framing and boiler	16.10.13	1913	C32	F3	P	288	-
18951	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement and Details of Stone's Patent Blast Pipe Gear and Spark Deflector	3" to 1' sectional elevations of blast pipe and 6" to 1' and full size details of components Endorsed: altered 17.2.14	6.11.13	1913	T26	E4	P	288	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18955	Four Wheels Coupled Express Engines D56 Class- Proposed Slide Valve Inspection Holes in Front Steam Chest Cover	3" to 1' elevations and full size section	- .10.13	1913	D56	D15	CI	289	-
18956	Artillery Pattern Wheels for Pair Horse Van	6" to 1' elevations and sections of 14 spoke 4'6" diameter hind wheel and 12 spoke 3'3" diameter front wheel	25.11.13	1913	-	-	P	353	
18957	Six Coupled Goods Engines Y14 Class with G14 Class Tenders (3,066 Gallons)-Arrangement and Details of Tank for Using 'DM Boiler Enamel'	1 1/2" to 1' arrangement of tank shown on outline of part of engine and 6" to 1' details of bracket Endorsed: tank to Dg No 18941;mounted on front top corner of tender	- .10.13	1913	Y14	J15	CP	289	-
18959	Arrangement of Pair Horse Van D&P2803	1 1/2" to 1' general arrangement of a 4 wheel open van length 11'9 1/2" outside to carry 5 tons	10.11.13	1913	D&P 2803	-	P	353	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18959	Arrangement of Pair Horse Van D&P2803	1½" to 1' elevations, section and plan of open 4 wheeled van 11'9½" outside length	10.1.13	1913	D&P 2803	-	PL-C	383	
18959	Arrangement of Pair Horse Van D&P 2803	1½" to 1' general arrangement of 4 wheeled van 11'7" inside	10.11.13	1913	D&P 2803	-	PL-C	212	-
18960	Ironwork Details for Pair Horse Van	3" to 1' details of numerous components Endorsed: altered 20.1.14 My note: spilt ink has obscured part of bottom right of drawing	16.12.13	1913	D&P 2803	-	P	353	3
18964	Alteration to Gauge Glass Protectors	Full size elevations and plan with dimensions for different classes	27.10.13	1913	-	-	P	289	-
18965	Wagon Wheel with Steel Disc Centre	Full size section of 3'2" diameter wheel on tread with tyres and 3" to 1' section of whole wheel with 3 6" diameter holes and a single 2" hole Endorsed: profile of Gibson ring fastening altered 16.11.27	31.10.13	1913	-	-	P	353	
18968	Bearing Spring for Restaurant Car	3" to 1' elevation and section of 8 plate spring 4'0" unloaded	29.10.13	1913	-	-	P	353	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18969	Six Wheels Coupled Goods Engines Classes G58, F48, L52 & G58 Superheater- Arrangement and Details of Stones Patent Blast Pipe Gear and Spark Deflector	3" to 1' front elevation and section of gear and 6" to 1' and full size details Endorsed: altered 7.2.14 modified for G58	20.11.13	1913	G58	J17 J16	P	289	-
18972	Tinned Copper Cold Water Tank for Main Line Carriages with Wide Gangway 4.11	3" to 1' elevation and plan of left hand tank	4.11.13	1913	-	-	P	353	-
18974	Six Wheels Coupled Bogie Express Engines Class S69- Piston with Wide Ring	Full size elevation and section of 1'7 7/8" diameter piston head Endorsed: altered 19.3.14 & 10.9.40	7.11.13	1913	S69	B12	P	289	-
18980	Arrangement of One Horse Van D&P2805	1½" to 1' elevations and plans of 4 wheel covered van length 9'0" inside to carry 2½ tons	8.12.13	1913	-	-	P	353	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18980	Arrangement of One Horse Van D&P2805	1½" to 1' elevations and plan of 4 wheeled van 9'0" inside with hoops, to carry 2½ tons	8.12.13	1913	D&P 2805	-	PL-C	383	
18980	Arrangement of One Horse Van D&P 2805	1½" to 1' general arrangement of 4 wheeled van 9'2' outside	8.12.13	1913	D&P 2805	-	PL-C	212	-
18981	Ironwork Details for One Horse Van	3" and 6" to 1' details of numerous components	29.11.13	1913	-	-	P	353	
18982	Artillery Pattern Wheels for One Horse Van	6" to 1' elevation and section of 14 spoke 4'6" diameter hind wheel and 12 spoke 3'3" diameter front wheel	27.11.13	1913	-	-	P	353	
18997	Proposed Method of Converting 4 Wheeled Vehicles into Bogie Vehicles New Standard Underframe and Bogies	1" to 1' outline side elevation of 27' brake 3rd and 3rd bodies mounted on 53¼" steel underframe with notes of modifications required	18.11.13	1913	-	-	P	353	
19002	Proposed Support for Piston Valve Spindles Engines S69 Class	3" to 1' elevations and plan	- .11.13	1913	S69	B12	CP	243	-
19004	Six Wheels Coupled Coal Engines Class E72- Arrangement of Stones Blast Pipe and Spark Deflector and Details	3" to 1' arrangement and full size details Endorsed: for engines with Robinson's superheater class T77 see Dg No 20963	- .12.13	1913	E72	J18	P	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19005	Number and Pressure Plates for Boilers	Full size elevations and section of 4 elliptical plates size 5¼" x 3 3/8	13.1.14	1914	-	-	CI	243	-
19008	Proposed Articulated Shunting Tank Engine-Diagram Shewing Vehicle on 1 Chain Curve	1½" to 1' plan showing wheelbase only on curve My comment: illegible but possibly a variation of Dg No 19009	26.4.12	1912	-	-	CP	243	-
19009	Proposed Articulated Shunting Engine on 2 Chain Curve	1½" to 1' plan showing wheelbase only on a curve	29.4.12	1912	-	-	P-C	243	-
19015	Six Wheels Coupled Bogie Express Engines Class S69-Details for Schmidt's Steam Circulating Device	Full size details of components Endorsed: undated modifications	11.12.13	1913	S69	B12	P	243	-
19017	Four Wheels Coupled Express Engines D56 Class-Connection Fittings on Engine and Tender for Flexible Metallic Feed Pipe	6" to 1' elevations of pipes	2.12.13	1913	D56	D15	CP	243	-
19022	Spanner for Taper Pin of Coupling Rod Crank Pin Washer Elbow for Back Pressure Valve G75 Class Tank Engine	Full size elevations and plan of spanner	- .12.13	1913	-	-	CP	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 9023	Six Wheels Coupled Bogie Express Engines S69 Class-Snifting Valve and Connection to Header	Full size arrangement with elevations and section Endorsed: for snifting valve 1500 class see Dg No 22333; modified 21.2.14 and 22.6.15	6.12.13	1913	S69	B12	P	243	-
I 9023	Alterations to Snifting Valve and Connections to Header for D56, P19 & E72 Classes	Full size details for the 3 classes	21.2.14	1914	D56	D15	P	243	-
Att					E72	J18			
I 9023	Proposed Alteration to Steel Valve for Snifting Valve Casings without Lugs	Full size sectional elevations Endorsed: for other dimensions see Dg No 19023	- .9.15	1915	-	-	P	243	-
Part									
I 9037	Six Wheels Coupled Bogie Express Engines Class S69-Sketch of Elbow for Steam Pipes	3" to 1' end elevation of smokebox and 6" to 1' elbow Endorsed: not carried out	- .12.13	1913	S69	B12	CP	243	-
I 9039	Hind Spring for Pair Horse Van (D&P2803)	3" to 1' elevations and plan of 9 plate spring 3'6" unloaded	15.12.13	1913	D&P	-	P	353	
					2803				
I 9044	Water Gauge Column Seating C53 Class	Full size elevations	- .12.13	1913	C53	J70	CP	243	-
I 9051	GER Stratford Works Running Depat-35 Ton Steam Breakdown Crane-Bending Moment Diagram on 35ft Span	Unscaled bending moment diagram for Craven's crane with 23'2" wheelbase and a total weight of c.57 tons	- .12.13	1913	-	-	CP	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I 9054	Bending Moment Diagram of Express Engines D56 Class with Schmidt Superheater with Heaviest Axle Load in Centre of Span	¼" to 1' and 1" to 100 ft tons wheel diagram and graph	- .12.13	1913	D56	D15	CP	243	-
I 9056 -2 I 9069	Diagram of Proposed First Class Restaurant Car and Kitchen Car Diagram of Proposed Third Class Restaurant Car	3/8" to 1' interior layout of 54' body with 20 1st class seats and kitchen 3/8" to 1' interior layout of 54' body with 42 3rd class seats	8.1.14	1914	-	-	P-C	353	
I 9058 I 9071	Door Control Springs for Cattle Wagons Details of Proposed Sheet Tilt for 17Ft High Side Wagons	Full size elevation of spring 3" to 1' details of components	3.1.14 14.1.14	1914	-	-	P	353	
I 9064	Diagram of Proposed Six Wheels Radial Tank Engines	1½" to 1' side elevation of engine with 4'10" driving 3'9" trailing wheels, wheelbase 7'6" and 8'9", length 34'10" over buffers My comment: looks like an elongated 2-4-2 tank engine	- .1.14	1914	-	-	CP	243	-
I 9065	Four Wheels Coupled Bogie Express Engines D56 Class-Balanced Slide Valve	Full size elevations and section Endorsed: GN pattern; work to red for 1830 engine and last 5 D57 engines 14.5.19	- .1.14	1914	D56	D15	P	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19065	Six Wheels Coupled Goods Engines G58 Class Fitted with Superheater-Valve Spindle for Balance Slide Valve (Dg No 1900)	6" to 1' plan only	- .9.15	1915	G58	J17	P	243	-
Att									
19070	Diagram of Proposed Six Coupled Radial Engine on 4 and 6 Chain Curve	(1/4" to 1') wheel diagram on two curves	- .1.14	1914	-	-	CI	243	-
19074	No 13 Axle and Axle Arm	6" to 1' elevation of arm to be designated 13C	20.4.14	1914	-	-	P	353	
19075	No 13 Axlebox, Washer and Cap	Full size elevations and sections	20.1.14	1914	-	-	P	353	
19076	Arrangement of One Horse Parcel Van D&P3051	1 1/2" to 1' arrangement of 4 wheel covered van length 8'0" inside	13.3.14	1914	D&P 3051	-	P	353	
19076	Arrangement of One Horse Express Parcel Van	1 1/2" to 1' elevations, sections and plan of 4 wheel van 8'0" inside	13.3.14	1914	-	-	PL-C	383	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19076	Arrangement of One Horse Express Parcel Van D&P 3051	1½" to 1' general arrangement of 4 wheeled van 8' overall	13.3.14	1914	D&P 3051	-	PL-C	212	-
19077	Ironwork Details for One Horse Express Parcel Van	3" to 1' details of numerous components	24.3.14	1914	-	-	P	353	
19080	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Schmidt Superheater-Arrangement of Stone's Blast Pipe and Details	3" to 1' arrangement and 6" to 1' details Endorsed: the word Schmidt later deleted from title	21.2.14	1914	D56	D15	P	243	-
19082	Arrangement and Details of Hand Brake and Step Boards for No 9 Tramway Luggage Van for use on Elsenham & Thaxted Light Railway	1" to 1' outline side elevations and half plan of van showing arrangement of brake gear and 3" to 1' details of brake components	- .1.14	1914	-	604C	P	353	
19084	Six Wheels Coupled Tank Engines Class S56 and G75-Footboard	1½" to 1' plan and section for inside of cab	12.11.13	1913	S56 G75	J69 J68	P	243	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19087	Springs for Light Parcels Van D&P3051	3" to 1' elevations and plan of 5 plate front spring 2'8" unloaded and 6 plate hind spring 3'0" unloaded	21.1.14	1914	D&P 3051	-	P	353	
19088	Artillery Pattern Wheels for One Horse Express Parcel Van	6" to 1' elevation and section of 14 spoke 4'6" diameter hind wheel and 12 spoke 3'3" front wheel	20.3.14	1914-	-	-	P	353	
19088	Artillery Pattern Wheels for One Horse Express Parcel Van	6" to 1' elevations and sections of 4'6" and 3'3" diameter wheels	- .3.14	1914	-	-	PL	209	-
19099	B.M. Diagram of Proposed Six Wheels Coupled Radial Tank Engine Crossing 30Ft Span	Unscaled graph and wheelbase	- .1.14	1914	-	-	CP	243	-
19105	Screw Couplings for Timber Wagon Binding Chains	Full size arrangement of coupling	28.1.14	1914	-	-	P	236	-
19106	Arrangement of Lamp Irons, Treads, Etc. on Ends of Main Line Vehicles with Standard Gangway	1 1/2" to 1' elevations of ordinary and brake ends of elliptical roofed stock Endorsed: amended to red 17.2.19	29.1.14	1914	-	-	P	236	-
19115	1 1/4In Relief Valve and Tee Piece for Engines Fitted with Steam Heating Apparatus	Full size elevations and sections	7.2.14	1914	-	-	P	243	-
19120	Bogie Bolster Springs	Full size details of 5" dia inner and 8" dia outer springs	3.2.14	1914	-	-	P	236	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19122	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Stone's Patent Blast Pipe-Arrangement and Details of Ash Ejector	1½" to 1' arrangement and 6" to 1' and full size details of components	- .3.14	1914	D56	D15	P	243	-
19129	Six Wheels Coupled Bogie Express Engines S69 Class-Arrangement of Schmidt's Steam Circulating Device	3" to 1' sectional elevations of smokebox showing apparatus	9.2.14	1914	S69	B12	P	243	-
19133	Arrangement of First Class Restaurant Car with Kitchen Class L76	¾" to 1' general arrangement of 54' body	27.2.14	1914	L76	31C	P	236	-
		1½" and 3" and full size details of fittings			S46	D14			

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19141	Express and Goods Engines Classes S46, D56, F48, G58, T19, E72, S69-Smokebox Door Details	Endorsed: modified 28.5.14; also for tank engines class L77 2.11.14	1.5.14	1914	D56 F48 G58 T19 E72 S69	D15 J16 J17 D13 J18 B12	P	243	-
19142	Engines Screw Coupling Showing Proposed Alteration to Screw for Engines S69 Class	Full size details of new and old screw	12.2.14	1914	S69	B12	P	243	-
19153	General Arrangement of Third Class Restaurant Car M76	¾" to 1' arrangement of 54' body with sections and outline of underframe	16.3.14	1914	M76	431C	PL-C	383	
19153	Arrangement of Third Class Restaurant Car M76	¾" to 1' general arrangement of 54' body	16.2.14	1914	M76	431C	P	236	-
19155	Six Wheels Coupled Tank Engines Class S56, C72-Arrangement and Detail of Steam Heating Apparatus	1½" to 1' arrangement on an outline of engine cab and footplating, full size details of brackets	- .2.14	1914	S56	J69	P	231	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19155	Six Wheels Coupled Tank Engines S56 Class, R & S24- Part Arrangement and Details of Steam Heating to Suit GC Pattern Steam Heating Valve	1 1/2" to 1' elevations and plan of apparatus in cab and full size details of fittings	30.7.24	1924	S56	J69	P	231	-
Att 2									
19158	Four Wheels Coupled Express Engines Class D56, T77, F48, T19 Belpaire-Cast Iron Header for Robinson's Superheater	6" to 1' sectional elevations and plan	- .2.14	1914	D56	D15	P	231	-
					T19	D13			

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19159	Seating for Dewrance's Asbestos Packed Steam Cock for Mechanical or Sight Feed Lubricator	Full size seatings for Belpaire and round topped boilers Endorsed: amended 10.3.14	23.2.14	1914	-	-	P	231	-
19160	Arrangement of Third Class Carriage Fitted with Steel Panels and Partitions	¾" to 1' arrangement of 50' body elevations and plan Endorsed: packed with saw dust under floor	- .3.14	1914	-	419C	PL-C	209	-
19160	Arrangement of Third Class Carriage Fitted with Steel Panels and Partitions	¾" to 1' arrangement of 50' body with cross section, panels 18 gauge Lysaght charcoal finish My comment: original title had iron in place of steel for panels and an iron floor. The body lacks the usual panel beading,	26.2.14	1914	-	419C	P	236	-
19161	Arrangement of Single Bolster Wagon C76 Class F77 Class	1½" to 1' general arrangement of 15' wagon Endorsed: for wagons built with coalition wheels, axles, etc. see Dg No 19993; altered to green 20.4.15 My comment: details of F77 class superimposed showing addition of slide plate for bolster	12.3.14	1914	C76	66W	P	236	-
19162	Details of Underframe for Single Bolster Wagon Classes C76 and F77	3" to 1' details of components Endorsed: work to dimensions and particulars shown in red for wagons built with coalition wheels, axles, etc. shown on Dg No 19993 classes L78 20.4.15; work to alterations shown in green for L78 and future classes 20.4.15 My note: this alteration appears to affect brake gear components	21.4.14	1914	C76	66W	P	236	-
		3" to 1' details of components			C76				

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19163	Details of Ironwork for Single Bolster Wagon Classes C76 & F77	Endorsed: work to dimensions and particulars shown in red for wagons built with coalition wheels, axles, etc. shown on Dg No 19993 classes L78 20.4.15; work to alterations shown in green for L78 and future classes 20.4.15 My note: this alteration appears to affect brake gear components	15.5.14	1914	F77	66W	P	236	-
19168	Six Wheels Coupled Bogie Express Engines Class S69- Coupling Rod Lubricator and Trimmings	Full size elevation and plan of lubricator	- .2.14	1914	S69	B12	C-P	231	-
19170	Arrangement of Holes for Body Bolts	¾" to 1' half plans of frames for restaurant cars 1st and 3rd M76 showing position of holes	28.2.14	1914	L76 M76	31C 431C	P	236	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19173	Four Wheels Coupled Express Engines D56 Class-Holes for Detecting Wear of Slide Valves	Full size plan and section of slide valve and position of hole	- .2.14	1914	D56	D15	C-P	231	-
19179	Proposed Position for Thermo-Couple in Header T19 Class	6" to 1' arrangement of couple in relation to smokebox and full size details of components My note: drawing very dirty and nearly illegible	- .9.14	1914	-	-	C-P	231	-
19180	Four Wheels Coupled Bogie Express Engines Class D56-Alteration to Lubrication of Trailing Axlebox	6" to 1' arrangement of lubricator and full size details of fittings Endorsed: for alteration of lubricator pipes see Dg No 21942	17.3.14	1914	D56	D15	P	231	-
19220	Foundation Ring-Six Wheels Coupled Radial Tanks Engines Class L77	3" to 1' arrangement of foundation ring and full size details of riveting	23.3.14	1914	L77	N7	CI-C	231	-
19221	Six Wheels Coupled Radial Tank Engines Fitted with Superheater-Boiler	1½" and 6" to 1' elevations and sections and full size riveting details Endorsed: for boiler for engines K85 class see Dg No 21978; modified 14.1.32 My comment: top left hand corner missing but no loss of detail	- .4.14	1914	L77	N7	P	231	-
19222	Six Wheels Coupled Radial Tank Engines Class L77-Cast Iron Header for Schmidt Superheater	6" to 1' sectional elevations and plan Endorsed: work to red 18.8.14; see Dg No 19266 for header for Robinson's superheater	- .3.14	1914	L77	N7	P	231	-
19224	Six Wheels Coupled Radial Tank Engines Class L77-Boiler Stays	Full size elevations of 6 types of stay	- .4.14	1914	L77	N7	P	231	-
19225	Six Wheels Coupled Radial Tank Engines Class L77-	Full size section and elevation of cover	22.4.14	1914	L77	N7	P	231	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19225	Front Cylinder Cover	Endorsed: work to red 11.11.14	22.4.14	1914	L77	N7	P	231	-
19227	Six Wheels Coupled Radial Tank Engines Class L77- Steam Superheating Elements (Schmidt)	3" to 1' arrangement of elements and full size details of ends	25.5.14	1914	L77	N7	P	231	-
19228	Six Wheels Coupled Radial Tank Engines Class L77- Built Up Crank Axle	3" to 1' elevations of crank axle Endorsed: superseded by Dg No 24157 6.8.24	11.5.14	1914	L77	N7	P	231	-
19229	Six Wheels Coupled Radial Tank Engines Class L77- Valve Bushing for Piston Valves	Full size elevations of piston valves and development of ports	10.6.14	1914	L77	N7	P	231	-
19230	Six Wheels Coupled Radial Tank Engines Class L77- Piston Valve and Spindle	Full size arrangement of valves and spindle Endorsed: amended 14.7.21	30.7.14	1914	L77	N7	P	231	-
19231	Six Wheels Coupled Radial Tank Engines Class L77- Valve Chest Covers	Full size sectional and end elevations Endorsed: amended 14.10.14	23.6.14	1914	L77	N7	P	231	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19232 Ren	Engines Type N7 (Short Valve Travel) Arrangement of Motion (Walshaerts)	3" to 1' elevations and plan of motion	20.4.42	1942	-	N7	P	231	-
19233	Six Wheels Coupled Radial Tank Engines L77 Class-Details of Motion	Full size details of components Endorsed: undated alterations	- .7.14	1914	L77	N7	P	231	-
19234	Six Wheels Coupled Radial Tank Engines L77-Cast Steel Motion Plate	3" to 1' elevations and plan of plate Endorsed: undated alterations to dimensions	21.5.14	1914	L77	N7	P	231	-
19235	Six Wheels Coupled Radial Tank Engines Type N7-Crosshead	Full size arrangement of crosshead Endorsed: several amendments up to 1.57 My comment: renewal drawing	28.11.30	1930	-	N7	P	231	-
19236	Six Wheels Coupled Radial Tank Engines Class L77-Cylinders	3" to 1' arrangement of cylinders Endorsed: numerous alterations	19.5.14	1914	L77	N7	P	231	-
19238	Six Wheels Coupled Radial Tank Engines Class L77-Expansion Bracket	6" to 1' arrangement of bracket and full size details of fixing	18.7.14	1914	L77	N7	P	231	-
19240	Six Wheels Coupled Radial Tank Engines L77 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' side and end elevations of arrangement, full size details of pipe brackets Endorsed: top feed not required, for side feed on L77 class engines see Dg No 19272, 8.1.32	17.10.14	1914	L77	N7	P	231	-
19241	Six Wheels Coupled Radial Tank Engines Class L77, K85 Reservoir Footplate	3" to 1' sections and elevations of reservoir Endorsed: cast iron of cylinder metal quality; modified for K85 11.20	26.6.14	1914	L77	N7	P-C	196	-
19242	Six Wheels Coupled Radial Tank Engines Class L77-Slide Bar	3" to 1' arrangement and full size arrangement details of components	16.6.14	1914	L77	N7	P-C	202	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: amended 31.5.33							
19243	Six Wheels Coupled Radial Tank Engines Class L77-Connecting Rod	Full size arrangement with 3" to 1' layouts Endorsed: amended 20.7.21, 7.5.23 and 5.6.25; superseded by Dg No 29825-1	25.6.14	1914	L77	N7	P-C	202	-
19244	Six Wheels Coupled Radial Tank Engines Class L77-Coupling Rods and Crank Pins	6" to 1' details of rods Endorsed: altered 1.6.20, 3.3.21 and 20.12.30; superseded by Dg No 30979	9.7.14	1914	L77	N7	P-C	202	-
19245	Six Wheels Coupled Radial Tank Engines Class L77-Blastpipe	6" to 1' arrangement of blastpipe Endorsed: cancelled see Dg No 22811 21.12.20	- .8.14	1914	L77	N7	P-C	202	-
19246	Six Wheels Coupled Radial Tank Engines Class L77-Cast Steel Wheels	6" to 1'elevations and section of wheels 4'4" diameter without tyre	6.7.14	1914	L77	N7	P-C	202	-
19247	Six Wheels Coupled Radial Tank Engines Class L77-Framing	1½" to 1' arrangement of framing Endorsed: numerous alterations	- .9.14	1914	L77	N7	P-C	203	-
19248	Six Wheels Coupled Radial Tank Engines Class L77-Chimney	6" to 1' sectional elevations and plan of 1'10¼" chimney Endorsed: see Dg No 23287 for K85 21.12.20	27.7.14	1914	L77	N7	CI	201	-
19249	Six Wheels Coupled Radial Tank Engines Type N7-Alteration to Cab and Tanks for Engines to be Built at Gorton	1½" to 1' elevations of modified cab	- .12.24	1924	-	N7	P-C	203	-
19249	Six Wheels Coupled Radial Tank Engines Class K85-Alteration to Front Cab Plate	1½" to 1' elevations of cab plate	- .8.21	1921	K85	N7	P-C	203	-

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Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19250	Six Wheels Coupled Radial Tank Engines Class L77- Smokebox	3" to 1' sectional elevations of smokebox and cylinders Endorsed: see Dg No 21980 for K85 21.12.20	- .10.14	1914	L77	N7	P-C	203	-
19250 Att	Six Wheels Coupled Radial Tank Engines Class L77- Part Arrangement of Smokebox with Short Blastpipe and Petticoat	3" to 1' sectional side and end elevations of smokebox Endorsed: amended for K85 21.12.20	14.9.15	1915	L77	N7	P-C	204	-
19251	Six Wheels Coupled Radial Tank Engines Class L77- Ashpan Arrangement	3" to 1' elevations and plan of ashpan	26.10.14	1914	L77	N7	P-C	196	-
19252	Six Wheels Coupled Radial Tank Engines Class L77- Ashpan Details	Full size details of ashpan components	26.10.14	1914	L77	N7	P-C	204	-
19253	Six Wheels Coupled Radial Tank Engine Class L77- Leading Axlebox	Full size elevations and plan Endorsed: amended 17.11.14 and 27.8.23	- .8.14	1914	L77	N7	P-C	196	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19254	Six Wheels Coupled Radial Tank Engines Class L77- Tank Connection Pipes	Full size details of pipes and 3" to 1' view of complete set	5.8.15	1915	L77	N7	CI	206	-
19255	Six Wheels Coupled Radial Tank Engines L77- Eccentric Rod Strap	Full size elevations and plan	22.8.14	1914	L77	N7	P	213	-
19256	Six Wheels Coupled Radial Tank Engines Class L77- Cab Front Windows	3" to 1' elevations of window and 6" to 1' details of components	6.10.14	1914	L77	N7	P-C	198	-
19257	Six Wheels Coupled Radial Tank Engines Class L77- Arrangement and Details of Reversing Gear, Reversing Shaft and Brackets	1½" to 1' arrangement on part elevation and plan of engine and 3" to 1' details of components	18.9.14	1914	L77	N7	P-C	198	-
19258	Details of Large Westinghouse Pump-Top Cover, Intermediate Piece and Bottom Cover	Full size details of named components	5.11.14	1914	-	-	P-C	198	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19259	Six Wheels Coupled Radial Tank Engine Class L77- Trailing Axle	3" to 1' elevation of axle 5'8¼" long	12.5.14	1914	L77	N7	P-C	199	-
19260	Cylinders for Large Westinghouse Pump-Steam Cylinder 7½In Diameter, Air Cylinder 8In Diameter	Full size arrangement of cylinders	3.11.14	1914	-	-	P-C	206	-
19261	Westinghouse Brake-Details of Large Pump	Full size details of many components Endorsed: amended 10.3.15 and 12.4.15 My note: very dirty and indistinct	6.11.14	1914	-	-	P-C	196	-
19262	Frame and Boiler Stay-Six Wheels Coupled Radial Tank Engines Class L77	3" to 1' elevations of tube plate and full size details	28.9.14	1914	L77	N7	P-C	206	-
19264	Six Wheels Coupled Radial Tank Engines Class L77- Trailing Spring	Full size elevations and plan of 13 plate spring 2'11 5/8" centres unloaded	- .9.14	1914	L77	N7	P-C	190	-
19265	Six Wheels Coupled Radial Tank Engines Class L77- Cab Side Windows	3" to 1' arrangement of cab windows and full size details of components	- .10.14	1914	L77	N7	P-C	204	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19266	Six Wheels Coupled Radial Tank Engines Class L77- Cast Iron Header for Robinson's Superheater	6" to 1' elevations and plan of header	18.9.14	1914	L77	N7	P-C	204	-
19268	Sets Steam Superheating Elements for Robinson's Superheater	3" to 1' elevations of tube plates and full size details of tubes My note: stores ordering drawing	26.9.14	1914	-	-	P-C	204	-
19269	Six Wheels Coupled Radial Tank Engines Class L77- Steam Pipe Connection	Full size details of connection Endorsed: see Dg No 23351 for cast iron steam pipe connection for K85	- .10.14	1914	L77	N7	P-C	206	-
19271	Six Wheels Coupled Radial Tank Engines Class L77- Piston Valve and Spindle for Engines Fitted with Robinson's Superheater	Full size elevations and details Endorsed: for piston valves with narrow rings and spindle for engines class K85 see Dg No 22806	14.10.14	1914	L77	N7	P	268	-
19272	Six Wheels Coupled Radial Tank Engines Class L77- Arrangement of Rod, Pipe and Clothing, Injector Gear, Mechanical Lubrication, Steam Heating, Sanding and Condensing Gears	1½" to 1' elevations, sections and plan of engine No 1000 Endorsed: see Dg No 22843 for K85 class; for new position of steam heating gauge Dg No Att22843; for axlebox lubrication see Dg No 32451 5.35; mechanical lubricator heater pipe and cock not required 30.6.39	- .12.14	1914	L77	N7	P	267	-
19273	Six Wheels Coupled Radial Tank Engines Class L77- Tank Stays	Full size details of two types of stay	16.10.14	1914	L77	N7	P	268	-
19274	Six Wheels Coupled Radial Tank Engines Class L77- Details of Cylinder Cock Gear	Full size details of components	21.10.14	1914	L77	N7	P	267	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19275	Six Wheels Coupled Radial Tank Engines Class L77- Brake Arrangement	1" to 1' arrangement of power brake and rigging in relation to outline elevations and sectional plan of engine Endorsed: work to red 5.11.20; for brake arrangement K85 see Dg No 23147; for details of the same Dg No 23148 and 23149	22.10.14	1914	L77	N7	P	268	-
19276	Six Wheels Coupled Radial Tank Engines L77 Class- Details of Condensing Gear	6" to 1' details of numerous components	16.11.14	1914	L77	N7	P	267	-
19278	Six Wheels Coupled Radial Tank Engines Class L77- Brake Details	3" to 1' details of rods, brackets and handwheel Endorsed: altered 27.10.20; for brake details L85 see Dg No 23148 and 23149	17.11.14	1914	L77	N7	P	267	-
19279	Six Wheels Coupled Radial Tank Engines Class L77- Leading and Trailing Sanding Gear Details	Full size details of numerous components	10.11.14	1914	L77	N7	P	267	-
19280	Six Wheels Coupled Radial Tank Engines Class L77- Spark Deflector and Draught Retarder Details	6" to 1' details of components Endorsed: altered 16.9.15 for engines fitted with short blast pipe to Dg No 20249; altered 10.12.20 for variations for class K85	30.11.14	1914	L77	N7	P	267	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19281	Six Wheels Coupled Radial Tank Engines Class L77- Rod, Pipe, Clothing, Steam Heating and Mechanical Lubricating Detail	1½", 3" and 6" to 1' and full size details of numerous components Endorsed: altered 5.6.25	2.12.14	1914	L77	N7	P	267	-
19282	Six Wheels Coupled Radial Tank Engines Class L77- Spring Gear Details	6" to 1' and full size elevations of 7 components Endorsed: altered 5.35	17.11.14	1914	L77	N7	P	237	-
19282	Six Wheels Coupled Radial Tank Engines Class L77- Spring Gear Details	6" to 1' and full size elevations of 7 components Endorsed: modified 5.35	17.11.14	1914	L77	N7	P	268	-
19282 -1	Leading and Intermediate Spring Hangers L77 Class- Alteration to Limit Drop of Spring in the Event of Breakage of Centre Hanger	Full size elevation of spring hanger	8.10.31	1931	L77	N7	P	268	-
19283	Six Wheels Coupled Radial Tank Engines Class L77- Arrangement of Cylinder Clothing	3" to 1' elevations and plan of clothing for cylinders to Dg No 19236	20.11.14	1914	L77	N7	P	267	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19284	Six Wheels Coupled Radial Tank Engines Class L77- Steam Pipe Connection on Boiler	Full size elevations and section Endorsed: cancelled see Dg No 19287	23.11.14	1914	L77	N7	P	267	-
19285	Six Wheels Coupled Radial Tank Engines L77 Class- Footboard	1½" to 1' elevations and plan of footboard inside cab	10.12.14	1914	L77	N7	P	267	-
19286	Six Wheels Coupled Radial Tank Engines L77 Class- Cast Iron Footstep for Flap Plate	Full size elevations and plan	16.1.15	1915	L77	N7	P	268	-
19287	Six Wheels Coupled Radial Tank Engines L77 Class- Steam Pipe Elbow with Snifting Valve Connections	Full size elevations and plan of elbow	- .1.15	1915	L77	N7	P	267	-
		3" to 1' arrangement showing position of hangers and 6" to 1' details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19293	Arrangement of Vertical Hangers for Standard Bogie	Endorsed: one carriage (both bogies) to be fitted for trial, bogie arrangement to Dg No 16935	3.4.14	1914	-	-	P	236	-
19297	Dewrance's Asbestos Packed Steam Cock for Mechanical or Sight Feed Lubricator	Full size elevations and plan	20.4.14	1914	-	-	P	268	-
19314	Proposed Position of Thermo-Couple in Header S69 Class with Cast Iron Headers Schmidt Type	6" to 1' detail of position and full size details of components	- .4.14	1914	S69	B12	CP	268	-
19316	Diagram of Proposed Four Wheels Coupled Express Goods Engine	1½" to 1' outline side elevation of 4-4-0 engine with 5'8" driving wheels, inside cylinders 19" x 26" with piston valves below, overall length 30'7" My comment: the same characteristics as a Claud	- .4.14	1914	-	-	CP	268	-
19321	Bending Moment Diagram of Proposed 4-4-0 Express Passenger Engine Dg No 19175 Crossing 30Ft Span	¼" to 1' and ¼" to 1 ton and 1" to 100 ft tons diagram of 4-4-0 with 7' diameter driving wheels	- .4.14	1914	-	-	CP	268	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19322	Bending Moment Diagram of Proposed Four Coupled Bogie Goods Engine Crossing 30Ft 0Ins Span	¼" to 1', 1' = 100ft tons diagram for 4-4-0 engine with 5'8" wheels	- .4.14	1914	-	-	P	267	-
19324	Arrangement and Details of High and Low Pressure System for Steam Heating Carriages	1½" to 1' sections showing arrangement of equipment in carriages and 6" to 1' and full size details of components Endorsed: for valve of later type see Dg No 20761	8.5.14	1914	-	-	P	236	-
19327	Diagram Showing Wheelbase and Estimated Weights of Proposed Four Wheels Coupled Bogie Express Engine	½" to 1' wheel diagram, 7" diameter driving wheels, engine and tender 98tons 10cwt in working order	20.4.14	1914	-	-	CP	267	-
19332	Arrangement of Bolster Springs for Bogies of Restaurant Cars L76 & M76	3" to 1' arrangement of springs and details of components Endorsed: T, X & Y76 and future main line stock for bogie Dg No 16935; altered to blue 31.5.16	22.4.14	1914	L76 M76	31C 431C	P	236	-
19336	Diagram of Proposed Four Wheels Coupled Bogie Express Goods Engine with Outside Cylinders and Walshaert Valve Gear	1½" to 1' outline side elevation of 4-4-0 engine 5'8" dia driving wheels, overall length 32'1", 19" x 26" cylinders with piston valves My comment: the same characteristics as a Claud but with outside cylinders	- .4.14	1914	-	-	CP	268	-
19353	Arrangement and Details of Othergraven's Suspension Links Fitted to Standard Bogie	3" to 1' arrangement on bogie to Dg No 16935 and details of 9 components	13.5.14	1914	-	-	P	236	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19355	Westinghouse Brake-Arrangement of Large Pump, Steam Cylinder 7½" Diar., Air Cylinder 8" Diar.	Full size elevations and sections	- .5.14	1914	-	-	P	267	-
19356	Arrangement of Plate Glass Wagon D76 Class	1½" to 1' arrangement with half plan of underframe and sectional end elevation of 28' long truck with well	4.6.14	1914	D76	67W	PL-C	383	
19356	Arrangement of Plate Glass Wagon D76 Class	1½" to 1' general arrangement of 25' wagon My note: drawing faded	4.6.14	1914	D76	67W	PL-C	212	-
19356	Arrangement of Plate Glass Wagon D76 Class	1½" to 1' general arrangement of 28' wagon with well	11.6.14	1914	D76	67W	P	236	-
19357	Frame Details for Glass Wagon	1½" and 3" to 1' details of components of frame	20.5.14	1914	D76	67W	P	236	-
19358	Details of Ironwork for Plate Glass Wagon D76 Class	3" to 1' details of ironwork components	6.6.14	1914	D76	67W	P	236	-
19360	Intermediate Drawbars for Mixed Carriages	3" to 1' details of drawbars and dimensions for various carriages	19.5.14	1914	-	-	P	236	-
19362	Six Wheels Coupled Express Engines Class S69- Supports for Piston Valves	3" and 6" to 1' section and plan of pistons and details of components Endorsed: altered 1.9.21 and 9.11.31	- .5.14	1914	S69	B12	P	267	-
19362	Six Wheels Coupled Express Engines Class S69- Supports for Piston Valves	3" and 6" to 1' section and plan of pistons and details of components Endorsed: altered 1.9.21 and 9.11.31	- .5.14	1914	S69	B12	P	268	-
19365	Details of Steam Heater for Carriages	3" to 1' elevation and plan of heater and full size details of fittings including Still's sluice valve	28.6.14	1914	-	-	P	287	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19369	Four Wheels Coupled Express Engines Class D56- Arrangement of Robinson's Superheater and Draught Retarder	3" to 1' sectional side and end elevations of superheater	- .6.14	1914	D56	D15	P	268	-
19372	Arrangement and Details of Draw Gear for No 48 and 63 Saloons	1" to 1' arrangement of drawgear and 3" to 1' details of components	9.6.14	1914	-	20C 29C	P	287	-
19373	Mid Suffolk Light Railway Boiler No 2-Copper Tube Plate	3" to 1' end elevation of tube plate with 104 2" outside diameter tubes	- .6.14	1914	-	-	P	268	-
19381	Taylor's Rolled Steel 'Empire' Disc Wheel	Full size half section of 3'6 7/8" diameter wheel on tread and 1 1/2" to 1' elevation of axle Endorsed: copy of Taylor Bros. & Co Ltd Dg No 4242 dated 23.3.14; amended 6.2.19	9.6.14	1914	-	-	P	287	-
19382	Intermediate Draw Bars for 55Ft Restaurant Cars	3" to 1' elevations of drawbars for 3rds Nos 1796-1799 and 470-472, kitchen cars Nos 38-41	10.6.14	1914	-	412C 414C	P	287	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
						18C			
19385	Arrangement and Details of Sheet Tilt for 17Ft High Sided Wagon	1" to 1' outline elevations of 7 plank high side wagon body with sheet tilt and 3" to 1' details of components	12.6.14	1914	177	65W	P	287	-
19388	Steam Cock for Retarder-'Robinson' Superheater Engs. D56 Class-B78	Full size elevations and details Endorsed: work to attachment for D56 class repaired with single wrapper smokeboxes 25.10.17; amended dimensions for D78 class	- .6.14	1914	D56	D15	P	268	-
19388 Att	Steam Cock for Retarder-'Robinson' Superheater-Six Wheels Coupled Radial Tank Engine L77	Full size elevations and plan of cock Endorsed: added to title 31.5.15-'and Express Engines T19 Class'; amended 25.10.17 for D56 with single wrapper smokeboxes; amended dimensions for classes T77, D81 undated	18.11.14	1914	L77	N7	P	268	-
19392	Bending Moment Diagram of Proposed 4-4-0 Express Engine on 58ft, 50ft, 35ft and 20ft Spans	1/4" to 1' and 1" to 100 ft tons diagram Endorsed: see also Dg Nos 19412 and 19408	- .6.14	1914	-	-	CP	267	-
19396	Four Wheels Coupled Shunting Tank Engines Class B77-Front Cab Windows	3" to 1' arrangement of windows and full size details of components Endorsed: steel communication chain to be used in place of brass chain	29.6.14	1914	B77	Y4	P	268	-
19404	Arrangement and Details of Meat Van 177 Class	1 1/2", 3" to 1' general arrangement of 19'0" covered van and 6" to 1' details of ironwork for body Endorsed: for further particulars see arrangement of covered goods wagon Dg No 16874-1; to be fitted with Westinghouse through pipe and screw couplings	26.10.14	1914	177	65W	P	287	-
19409	Othergraven's Patent Bogie Suspension Link	Full size elevation and plan of link for carriage bogie bolsters	3.7.14	1914	-	-	P	287	-
19415	Arrangement and Details of Draw Gear for No 16, 17 & 24 Restaurant Cars	1" to 1' elevations and half plan of underframe showing draw gear and 3" to 1' details of components	2.10.14	1914	-	13C	P	287	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 24.9.18				27C			
19420	Proposed 4-4-2 Engine-Bending Moment Diagram 50Ft Span with Heaviest Axle Load in Centre of Span	¼ " to 1' bridge stress diagram	11.7.14	1914	-	-	CP	442	3
19429	Six Wheeled 20 Ton Machine Truck-Oil Axlebox A2	Full size elevations, sections and plan of box Endorsed: this box for use on centre wheels only (based on existing A1 box pattern)	- .7.14	1914	-	-	P	287	-
19447	Posts & Cot Brackets for Naval Ambulance Train	3" to 1' arrangement of brackets on standing pillar and 6" to 1' details of bracket	19.8.14	1914	-	-	P	287	-
19524	Cradles and Slings for Water Tank in Ward Car of Ambulance Train	1½" to 1' details of cradle and 3" to 1' details of slings	8.8.14	1914	-	-	P	287	-
19535	Kitchen Car for Ambulance Train for France	3/8" to 1' interior plan of 50' carriage of kitchen and mess room car converted from bogie brake van	5.2.15	1915	-	-	P	287	-
19536	Kitchen Car for Ambulance Train for France	3/8" to 1' interior plan of 50' carriage of kitchen and stores car converted from bogie brake van	20.1.15						
19539	Bogie Six Coupled Express Engines S69 Class- Tightening Bolt for Front Cylinder Cover	6" to 1' and full size details of cover and bolt Endorsed: altered 16.11.16 & 4.35	18.8.14	1914	S69	B12	P	442	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19540	Arrangement of 13Ft 0Ins Single Bolster Wagon for Rail Train R77	1½" to 1' general arrangement of 13' bolster wagon	20.8.14	1914	R77	70W	P	287	-
19541	Platwork Details of Single Bolster Wagon for Rail Train R77	3" to 1' details of platwork for body and underframe	1.10.14	1914	R77	70W	P	287	-
19542	Ironwork Details of Single Bolster Wagon for Rail Train R77	3" to 1' details of components	7.10.14	1914	R77	70W	P	287	-
19545	Diagram of Proposed Six Wheels Coupled Express Goods Engine	1" to 1' outline side elevation of engine with 20" x 28" cylinders, boiler 13'6" barrel, firebox 9', total length of frame 36', wheelbase 28' 6", 3'3" bogie wheels and 5'8" driving wheels, pressure 180lb	- .8.14	1914	-	-	CP	441	3
19550	4-4-0 Express Engines T19 Class-25In Stroke Without Tail Rods-Front Cylinder Cover for Engines fitted with Superheater	Full size sectional elevations and plan	- .8.14	1914	T19	D13	CP	441	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: for existing superheater see Dg No 17227							
19554	Arrangement of 20 Ton Loco Coal Wagon Class H77	1½" to 1' arrangement of 21'6" steel bodied open wagon 12' wheelbase Endorsed: drawgear modified 30.4.35	28.10.14	1914	H77	46W	P	399	4
19555	20 Ton Coal Wagon-Body Details Class H77	1½" and 3" to 1' details of numerous components	-	1914	H77	46W	P	399	
19556	20 Ton Loco Coal Wagon-Underframe Details Class H77	1½" and 3" to 1' details of numerous components Endorsed: altered 12.12.16	12.1.15	1915	H77	46W	P	399	
19564	Four Wheeled Suburban Carriages Converted into Bogie Suburban Carriages-Arrangement of Body Bolts	3" to 1' half plans of 4 underframes showing position of holes and 6" to 1' diagram of 8 coach train	10.12.14	1914	-	-	P	399	
19570	Tenders-Arrangement of the Special Steel 'Iracier' Axle Box for GER 11" x 5 ½" Journal	Full size elevations, sections and plan of axlebox for 11" x 4 ¾" journals The Patent Axlebox & Foundry Co Dg Endorsed: approved drawing	31.7.14	1914	-	-	P-C	442	3
19571	Tenders-Details of Special Steel 'Iracier' Axlebox for GER 11" x 5 ½" Journal	Full size elevations, sections and plan of axlebox Patent Axle Box & Foundry Co Dg No 31	31.7.14	1914	-	-	P	440	3
19572	Front Wheel No 157 for General Service Wagon Mark X-Steel Nave 8.87 Inch Pipe	Full size part elevation and half plan of 3'9" diameter wheel with 12 spokes Endorsed: superseded by Dg No 19643	11.9.14	1914	-	-	P	399	
19573	Hind Wheel No 200 for General Service Wagon Mark X-Steel Nave 11 Inch Pipe	Full size part elevation and half plan of 4'8" diameter wheel with 12 spokes Endorsed: altered 24.9.15	10.9.14	1914	-	-	P	399	
19574	General Service Wagon for War Department Mark X-Arrangement of Body	1½" to 1' side and end elevations and plan of 10'6" long body with schedule of components and type of wood used	11.9.14	1914	-	-	P	399	
19575	General Service Wagon for War Department Mark X-Arrangement of Undercarriage	1½" to 1' side and end elevations and plan of undercarriages less wheels	- .9.14	1914	-	-	P	399	4
19577	Seat Spring for General Service Wagon Mark X	Full size elevations and plan of twin 3 plate spring 2'0¾" centres	12.9.14	1914	-	-	P	399	
19578	Grease Box for General Service Wagon Mark X	Full size elevations and plan of box capacity 3 lbs	14.9.14	1914	-	-	P	399	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19579	Details of Brakework for General Service Wagon Mark X-Sheet 1	Full size details of numerous components for road vehicle Endorsed: altered to suit water tank carts Mark V, undated	18.9.14	1914	-	-	P	399	
19580	Details of Brakework for General Service Wagons Mark X	Full size elevations and plans of components for road vehicle Endorsed: altered for water tank carts, undated	24.9.14	1914	-	-	P	399	
19580	General Service Wagon Mark X-Details of Brake-Work	Full size elevations of 3 components	21.9.15	1915	-	-	P	399	
Att									
19581	General Service Wagon for War Department Mark X-Details of Ironwork for Body-Sheet 1	Full size details of ironwork	16.9.14	1914	-	-	P	366	
19582	General Service Wagon for War Department Mark X-Details of Ironwork for Body-Sheet 2	Full size details of ironwork	23.9.14	1914	-	-	P	366	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19583	General Service Wagon for War Department Mark X- Ironwork Details for Under Carriage-Sheet 1	Full size details of numerous components	21.9.14	1914	-	-	P	366	
19584	General Service Wagon for War Department Mark X- Details of Ironwork Under Carriage-Sheet 2	Full size details of components Endorsed: altered 6.10.14	25.9.14	1914	-	-	P	366	
19585	General Service Wagon for War Department Mark X- Ironwork Details for Undercarriage-Sheet 3	Full size details of numerous components Endorsed: altered for water tank carts, undated	23.9.14	1914	-	-	P	366	
19586	General Service Wagon for War Department Mark X- Arrangement of Gear Brake	3" to 1' part side elevation and plan showing arrangement of brake	24.9.14	1914	-	-	P	366	
19587	General Service Wagon for War Department Mark X- Arrangement and Details of Pole and Swingletree	Full size arrangement and details of components Endorsed: altered for Mark V water tank carts	25.9.14	1914	-	-	P	366	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19588	General Service Wagon for War Department Mark X- Whip Socket, Straps and Leatherwork	Full size details of 10 components Endorsed: altered for further orders	29.9.14	1914	-	-	P	366	
19589	General Service Wagon for War Department Mark X- Details of Rifle Clips and Strap Buckles	Full size details of 5 component and 1½" to 1' details of position of rifle clips on body Endorsed: altered 19.11.14	29.9.14	1914	-	-	P	366	
19590	General Service Wagon for War Department Mark X- Arrangement and Details of Roller Scotch	1½" to 1' part side and end elevation of scotch on wagon and full size details of roller	8.9.14	1914	-	-	P	366	
19591	General Service Wagon for War Department Mark X- Axles, Washer Drags, Linch Pins and Spanner	Full size details of components	2.10.14	1914	-	-	P	366	
19594	Front and Back Washer and Pipe Box for Hind Wheel- General Service Wagon Mark X War Department	Full size elevations and sections of three components	8.10.14	1914	-	-	P	366	
19599	Arrangement and Details of Ambulance Carriage and Stretcher	3" to 1' elevations of two wheeled hand propelled stretcher and 6" to 1' and full size details of components of ironwork and stretcher	- .9.14	1914	-	-	P	399	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19619	Bending Moment Diagram of Proposed Six Wheels Coupled Express Goods Engines on 58 Ft Span	1" to 8' and 1" to 160 Tons Feet bending moment diagram; 5' 6" dia driving wheels	10.9.14	1914	-	-	CP	441	3
19622	Auto Train for Mildenhall-Cambridge Service- Arrangement of Drivers Compartment and Position of Cocks on Headstocks	1½" and 1' to 1' interior elevations and plan of compartment and exterior and full size details of components Endorsed: for arrangement of gear in drivers compartment see Dg No 24307 and details for fixing whistle see Dg No 23688 13.4.23	5.9.14	1914	-	-	P	245	-
19625	Six Wheels Coupled Coal Engines Class G58-Tee Piece for Steam Pipe Connections	3" to 1' elevations and sections of two components	-. 9.14	1914	G58	J17	P	440	4
19628	Details of Radial Axle Box for Tank Engines Classes P55, L77 & G69	3" to 1' elevations and sections of numerous components Altered: 19.12.14	-. 10.14	1914	P55, L77 G69	F5, N7, J70	P	441	3
19638	L.B. & S.C. 30 Ton Wagon No 1167 on 6 Chain Curve	1½" to 1' plan of wheels on curve	10.10.14	1914	-	-	CP	245	-
19639	Lifting Beam, Shackles, etc. for Transporting Coaches	3" to 1' elevations and plan of equipment	9.10.14	1914	-	-	P	245	-
19643	General Service Wagon 3Ft 9In Diameter Front Wheel	Full size part elevation and section of 12 spoked wheel	12.10.14	1914	-	-	P	245	-
19645	Diagram of Ambulance Train for War Office for Use Abroad	1/8" to 1' outline side elevation and interior plans of 14 coach train Endorsed: Train No 12	-. 4.15	1915	-	-	P	245	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19721	Diagram showing GCR 2-8-0 Engine and Tender on a Span of 58Ft	1 to 8' and 1" to 160 Tons Feet bending moment diagram	-. -.14	1914	-	-	CP	441	3
19728	Bending Moment Diagram of Crank Axle 4-6-0 Express Engines-Crank Pin and Coupling Rod on Same Side of Centre Line also Opposite	3" to 1' and 1" to 100 Tons Inches bending moment diagram Endorsed: see Dg Nos 20206 and 20206A	-.10.14	1914	-	-	CP	441	3
19737	Carriage Bogie fitted with the 'Thomas' Suspension Gear	3" to 1' outline elevations and 6" to 1' details of components	12.9.14	1914	-	-	P	245	-
19739	Arrangement of Spark Deflector on Smokebox Door for all Engines fitted with 4 Ft 7 Ins Dia Doors	3" to 1' section and elevation of smokebox door and arrangement of deflector	-.11.14	1914	-	-	P	435	4
19740	Six Coupled Express Superheated Bogie Engines S69 Class-Bending and Twisting Moment Diagram for Crankshaft	Various scales	7.11.14	1914	-	-	CP	440	4
19741	W.C. Pan for Carriage Lavatories	6" to 1' elevations and plan	9.11.14	1914	-	-	P	245	-
19744	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Bracket Guide, Limber Hook-MB	Full size elevations and plan Endorsed: copy of RCD I 1890A.2 dated 14.7.09	2.4.09	1909	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19745	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Hook Limber No 29 Mark II	Full size elevations and plan	14.7.09	1909	-	-	P	245	-
	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Ring Guide with Set Screw	Endorsed: copy of RCD I 1890A.2 dated 14.7.09							
19746	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Case, Spring, Limber Hook-Steel 56.B.78 with Nut, Pole Nib Socket and Screw, Compressing Spring	Full size elevations							
		Endorsed: copy of RCD I 1890A.2 dated 14.7.09	- .12.14	1914	-	-	P		
19747		Full size elevation						245	-
		Endorsed: copy of RCD I 1890A.2 dated 14.7.09	- .12.14	1914	-	-	P		
19748	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Socket, Pole Nib	Full size	- .12.14	1914	-	-	P		
	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Screw, Compressing								
19749	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Nut	Full size	2.4.09	1909	-	-	P	245	-
19750	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Handle, Catch, Steel and Catch	Full size	- .12.14	1914	-	-	P		
	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Lever Catch Spindle								
19751	Limber of 4.5 in Howitzer Mark IL Carriage or Wagon-Screw, Set, Guide Ring	Full size	17.2.14	1914	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19752	Limber of 4.5 in Howitzer Mark II Carriage or Wagon-Pin, Keep, Nut Spring Case, Limber Hook	Full size	- 12.14	1914	-	-	P		
19753		Full size	- 12.14	1914	-	-	P		
19754		Full size	2.4.09	1909	-	-	P		
19755	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case, Spring Brass Hook	Full size details	2.4.09	1909	-	-	P		
19756	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case, Spring Draught Hook Cover Front	Full size details	2.4.09	1909	-	-	P		
19757	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case, Spring Draught Hook Plate Cover								
19757	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Hook Draught	Full size details	2.4.09	1909	-	-	P		
19758	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case Spring Draught Hook, Cover Rear								
19758	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Screw Compressing Spring	Full size details	2.4.09	1909	-	-	P		
19759	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Case Spring Draught Hook Screw Securing Cap	Full size details	2.4.09	1909	-	-	P	245	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19760	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Iron, Guard	Full size details	-	1909	-	-	P		
19761	Limber Q.F. 4.5 in Howitzer Mark I Carriage & Wagon-Socket, Guard Iron	Full size details	2.4.09	1909	-	-	P		
19762		6" to 1' details	2.4.09	1909	-	-	P		
19763		Full size details	2.4.09	1909	-	-	P		
19764		Full size details	2.4.09	1909	-	-	P		
19765	Wagon Ammunition QF 4.5. In Howitzer Mark I-/L-Prop, Front	6" to 1'	- .12.14	1914	-	-	P		
19766	Wagon Ammunition QF 4.5. In Howitzer Mark I-Prop, Wood with Fittings	Full size	- .12.14	1914	-	-	P		
19767	Wagon Ammunition QF 4.5. In Howitzer Mark I-Clip Prop Rear	Full size	- .12.14	1914	-	-	P		
19768	Wagon Ammunition QF 4.5. In Howitzer Mark I-Lever	Full size	- .12.14	1914	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Wagon Ammunition QF 4.5. In Howitzer Mark I-Plunger								
19769	Wagon Ammunition QF 4.5. In Howitzer Mark I-Chain, Lid Steel with Ring	Full size	.12.14	1914	-	-	P	245	-
	Wagon Ammunition QF 4.5. In Howitzer Mark I-Hinges, Lid								
19770	Wagon Ammunition QF 4.5. In Howitzer Mark I-Socket, Pole, Steel	Full size	.12.14	1914	-	-	P		
	Wagon Ammunition QF 4.5. In Howitzer Mark I-Socket, Pole Detail, Plate Packing								
19771	Wagon Ammunition QF 4.5. In Howitzer Mark I-Socket, Pole Detail, Plate Packing	Full size	1.4.09	1909	-	-	P		
19772		Full size	1.4.09	1909	-	-	P		
19773		Full size	1.4.09	1909	-	-	P		
19774		Full size	.12.14	1909	-	-	P		
19775	Wagon Ammunition QF 4.5 In Howitzer Mark I-Gear Brake Detail and Arm Brake Detail	Full size	2.4.09	1909	-	-	P		
	Wagon Ammunition QF 4.5 In Howitzer Mark I-Nut, Bracket Hinge, Brake Arm, Steel 56.B.78								
19776	Wagon Ammunition QF 4.5 In Howitzer Mark I-Nut Stud Supporting Brake Arm Steel 56.B.78	Full size	2.4.09	1909	-	-	P		
19777	Limber QF 18 PR Flange Axletree Inner Steel 56.B.1	Full size	2.4.09	1909	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19778	Limber and Wagon QF 4.5.In Howitzer Mark IL Bolt Axletree Flange Outer Steel 56.B.4 with Nut	Full size	2.4.09	1909	-	-	P	245	
19779	QF 4.5.In Howitzer Carriage, Limber Wagon, Wagon Ammunition Box Ammunition Detail	Full size	30.9.09	1909	-	-	P		
19780	Limber QF 18 PR Flange TurnscREW, Shell Plug	Full size	-12.14	1914	-	-	P		
19781	Wagon Ammunition QF 4.5 In Howitzer Mark I-Pin, Bracket, Steel	Full size	23.9.09	1909	-	-	P		
19783	Wagon Ammunition QF 4.5 In Howitzer Mark I-Bolt, Securing Sping, Steel	Full size	- .12.14	1914	-	-	P		
19784	Wagon Ammunition QF 4.5 In Howitzer Mark I-Pin, Axis, Hinge Brackets Steel	Full size	- .12.14	1914	-	-	P		
19785		Full size	- .12.14	1914	-	-	P		
19786	Loop, Kicking Strap-Field Limbers	Full size details	3.12.96	1896	-	-	P	245	
19787	Loop, Kicking Strap-Field Limber, Outer, No 2, Mark IL	Full size	18.6.09	1909	-	-	P		
19788	Spring, MB Spiral	Full size	27.11.14	1914	-	-	P		
19789	Screw, Hinge	Full size	27.11.14	1914	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					-				
19797	Reducing Valve for Steam heating Apparatus	Full size arrangement details of numerous components Endorsed: altered 18.4.21 & 8.3.34, possibly the 'Mason' type	- .2.15	1915	-	-	P	435	4
19799	Diagram of Driving Apparatus on Auto Train	Diagrammatic elevation of equipment on footplate and the composite and 3 rd class driving carriage	- . 11.14	1914	-	-	CP	440	3
19799	Auto Train-Diagram of 'Duplex' Driving Apparatus	Diagrammatic arrangement of apparatus	19.11.14	1914	-	-	P	435	4
19816	Cart, Water Tank, Mark III/L/also Marks IV & V- Apparatus Filtering	Full size detail of bracket for fixing pump left and right Supplementary Dg No SDO5512	-5.16	1915	-	-	P	344	
19821 Att	Arrangement and Details of Stuffing Box for Valve Spindle Showing Split White Metal Packing	Full size sectional elevation, elevation and plans of 5 components Endorsed: trial only ref L.I.88/2 11.9.50	28.7.15	1915	-	F4, F6 & J15	P	440	2
19821	Metallic Packing for Valve Spindles Classes I45, F45, P45, X45, P55	Elevations and plans of components	- .12.14	1914	I45 P55	J15 F4	P	445	4
19822	Six Wheels Coupled Bogie Express Engines Class D56 Fitted with Robinson's Superheater-Steel Cover Plate for Piston Valve	Full size elevation and plan of cover	- . 1.21	1921	D56	D15	P	440	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att									
19822	Bogie Six Wheels Coupled Bogie Express Engines B78, S69 Class-Piston Valves and Pistons Fitted with Robinson' Superheater	Full size elevations and plan of components Endorsed: altered 6.3.16, 27.5.22; altered for T77 class, slipper not required	6.1.15	1915	S69 B78	B12	P	440	3
19873	Six Coupled Goods Engines Y14 Class and four Coupled radial Tank Engines P55-Slide Valve Spindle and Buckle	Full size elevation and plan of piston Altered 2.2.15 and 14.7.21	14.1.14	1915	Y14 P55	J15 F5	P	440	3
19874	Six Wheels Coupled Bogie Express Engines S69 Class-Cast Iron Header for Robinson's Superheater	3" to 1' elevations and sections and headers and two fittings Altered 4.11.26 and 23.10.54	-. 1.15	1915	S69	B12	BP	440	3
19874	Six Wheels Coupled Bogie Express Engines S69 Class-Cast Iron Header for Robinson' Superheater	3" to 1' elevations and sections and headers and two fittings Endorsed: altered 17.3.15, 4.11.26, 4.12.31 &, 14.9.33	-. 1.15	1915	S69	B12	BP	445	1

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19877	Bogie Four Coupled Belpaire Express Engine D56- Alteration to Suction and Steam Heat Pipes for engines Fitted with Weir Feed Pump and Heater	1/8" to 1' part side elevation and plan of splashers showing route of steam heating pipe	26. 2.15	1915	D56	D15	P	440	3
Att									
19877	Six Wheels Coupled Bogie Express Engines Class D56- Arrangement of the Weir Pump Feed Heater and Spray Valve	1 1/2" to 1' part outline elevation of engine, footplating and part end elevation showing arrangement of equipment Endorsed: altered 26.2.15, 4.1.23 & 21.1.23	- .1.15	1915	D56	D15	P	442	2
19880	Six Coupled Express Engines S69 Class-Arrangement of Pipes and Gear for Davies & Metcalfe's No 10 Exhaust Steam Injector	1 1/2" to 1' part outline elevation of engine and part plan of footplating showing the arrangement of pipework	- .1.15	1915	S69	B12	P	440	4
19881	Steel Wheel for 20 Tons Wagons	1" to 1' side elevation of disc wheel 3'1 1/2" on tread with 3 holes and full size section, cast type with no separate tyre	10.12.14	1914	-	-	P	345	
19891	Bending Moment Diagrams-Comparison between GER Expresses (T19 & D56), C32 Tanks and SE&CR 4 4-0 Class D, 1903	1/4" to 1' and 1" to 100 foot tons bridge stress and wheel base diagram	- .1.1.14	1914	T19	D13	CP	445	3

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Sheet 1					D56 C32	D15 F3			
19891	Engines Classes 1850, 700, 710 & 1040 Crossing 50 Feet Span-Bending Moments Compared to SE&CR Express Engine Class D	¼" to 1' and 1" to 100 foot tons bridge stress and wheel base diagram of the 5 engines named	- .12.14	1914	D56	D15	CP	445	3
Sheet 2					T19 C32	D13 F3			
19893	Arrangement of Holes for Body Bolts and Steam Heating Pipes on Composite Carriages Classes 5 of X76 and H78	¾" to 1' half elevation of frame on corridor side and side elevation of solebar showing position of holes	1.1.15	1915	X76	227C	P	345	
					H78	241C			
19901	Bending Moment Diagram of L&NW 2-4-2 Tank on 25Ft Span	¼" to 1', ¼" to 1 ton and 1" equals 100 foot tons bending moment and wheel base diagram	- .12.14	1914	-	-	CP	445	3
19903	Six Wheels Coupled Goods Engines Class E72-Arrangement of Pipes and Fixings for Weir Pump and Feed Water Heater	1 ½" to 1' arrangement of equipment shown in relation to outline of engine	- .1.15	1915	E72	J18	P	435	3
	Arrangement and Details of Monarch Brake Block	3" to 1' details of components and arrangement							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19904	Arrangement and Details of Monarch Brake Block Adjuster on 54Ft Bogie Suburban Carriages	Endorsed: altered at hand brake end of brake 3rds only	7.1.15	1915	-	-	P	345	
19906 Ren	Horn Block and Axle Box	6" to 1" elevations and plan and section of components Endorsed: altered 19.4.55	25.6.53	1953	-	B12/3	P	442	2
19909	Bending Moment Diagram of Six Wheels Coupled Radial Tank Engine Class L77-Standing on 30 Ft and 35 Ft Span	1/4" to 1' and 1" to 100 foot ton two bending moment and wheel base diagrams	- .1.15	1915	L77	N7	CP	445	3
19911	Underframe for Covered Goods Wagon G77 Class	1 1/2" to 1' side and elevation and plan of 19' underframe and axleguards	21.1.15	1915	G77	72W	P	345	
19913	Six Coupled Goods Engines E72 Class-Details of Pipes and Fastenings for Weir Feed Water Heater	6" to 1' elevations and plans of various components for classes E72 and D56 Endorsed: altered 26.2.15	27.1.15	1915	D56 E72	D15 J18	CP	445	4
19927	Ambulance Train for France-Galvanised Iron Cold Water Tank for Kitchen Car	3" to 1' arrangement of 75 gallon tank and full size details of flanges and bolts Endorsed: undated alterations	10.2.15	1915	-	-	P	345	
19933	Four Wheels Coupled Express Engines Class T19-Alterations to Lubrication of Trailing Axle Box	6" to 1' arrangement of lubrication and full size details of components Endorsed: for alteration of lubrication pipes see Dg No 21946; see Dg No 10461 Att	8.3.15	1915	T19	-	P	445	2
19938	Folding Wash Basin for Carriage Lavatories	Full size elevation, section and plan of basin in walnut cabinet	- .2.15	1915	-	-	CP	345	
19942	Galvanised Iron Water Tank for Kitchen of No 65 Restaurant Car	Details of fittings 1 1/2" to 1' arrangement of 46 1/2 gallon water tank with 3" to 1' and full size	11.2.15	1915	-	31C	P	345	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19955	Bogie Six Coupled express Engines S69 Class-Details of No 10 Exhaust Steam Pipe Injector-Details of Gear	3" and 6" to 1' and full size elevations and sections of numerous components Altered 17.11.32	8.3.15	1915	S69	B12	P	441	3
19956	Arrangement of Steam Heating Pipe Across Doorway of Carriage	1½" to 1' sections and plan of 1st class compartment and full size details of components	4.3.15	1915	-	-	P	345	
19961	Ironwork Details for Low Sided Wagons with End Doors	3" to 1' details for body additional to that shown on arrangement to Dg Nos 20021 and 10886 to provide two end doors for loading vehicles	15.2.15	1915	-	-	P	344	
19962	Alteration to Blower Pipe	3" to 1' outline elevation of smokebox tube plate and section showing blower	-. 2.15	1915	-	-	P	441	4
19965	District & Number Plate for Engines	Full size elevations of plate 7" x 4 1/4" deep, bottom corners rounded off, inscribed 'District', number range 1 to 5, showing position on tender and tank engines	18.2.15	1915	-	-	P	441	4
19966	Ambulance Train for France-Arrangement and Details of Cradle for Cold Water Tanks in Kitchen and Pharmacy Cars	1½" and 3" to 1' arrangement of tanks within carriage roof with diagram of kitchen car showing water pipe connections	24.2.15	1915	-	-	P	344	
19968	Ambulance Train for France-Galvanised Steel Cold Water Tank for Ward Cars	1" & 3" to 1' and full size arrangement of 75 gallon steel tank and details of flanges and joints Endorsed: undated alterations for ward cars for home service trains and capacity increased to 90 gallons	23.2.15	1915	-	-	P	344	
19983	Ambulance Train for France-Arrangement for Carrying Water Tanks in Ward Cars	1½" to 1' elevation and section showing position of water tank and 3" to 1' details of brackets for No 17 Train	1.3.15	1915	-	-	P	344	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: replaced by Dg No 20138							
19984	Bogie Six Coupled Express Engines S69 Class with Robinson's Superheater- Thermo-Couple (Pyromoter) Arrangement of Connections to Header and Smokebox	6" to 1' and full size sections and elevations of arrangement and details of components Endorsed; not carried out	8.3.15	1915	S69	B12	P	441	4
19985	Alteration to Injector Arrangement on 0-6-0 Tan Engines	1 1/2" to 1' part elevations and plan of engine showing layout of pipework Endorsed: altered 12.9.23	30.3.15	1915	S56	J67 J68 J69	P	435	4
19988	General Arrangement of 21'0" x 9'0" Open Carriage Truck D78 Class	1 1/2" to 1' arrangement of steel framed carriage truck with Westinghouse brake and through Vacuum pipe	19.4.15	1915	D78	50M	P	344	
19989	Ironwork Details for 21'0" x 9'0" Open Carriage Truck	3" to 1' details of body and underframe components	13.5.15	1915	D78	50M	P	344	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19991	Six Wheels Coupled Tank Engines Class R24, S56- Alteration to Lubrication of Trailing Axlebox	6" to 1' arrangement with full size details of existing and new boxes	- .3.15	1915	S56	J67 J68 J69	P	435	4
19993	Arrangement and Details of Single Bolster Wagon L78 Class	1½" to 1' elevations and plan of 12' underframe only and 3" to 1' details of brake levers Endorsed: for further particulars of wagon see Dg No 19161	12.4.15	1915	L78	66VV	P	344	3
19995	Injector Steam Cock for Engines with No 10 Exhaust Injector	Full size sectional elevation of injector valve	- .3.15	1915	S69	B12	P	435	4
20013	Buffer Guide for Wagons with Steel Underframes	Full size elevations of ribbed buffer type A1, round base with 4 bolts Endorsed: this buffer guide to be used when guides marked 'M' require renewal Endorsed: altered 6.3.16 to increase depth of web	25.3.15	1915	-	-	P	345	
20021	Arrangement of Low Sided Wagon with End Doors	1½" to 1' arrangement of 15' 3 plank dropside body showing construction of hinged end Endorsed: these wagons to be marked 'For Military Traffic'; for further details see Dg Nos 10886 & 8278, details 19961 & 21498; work to red for wagons with fixed sides to be adapted for military service	8.4.15	1915	-	68VV	P	345	
20028	Brakework for 15 Ft 10 Ton High Sided Wagon	3" to 1' details of components with full size outline of lever end My comment: this is a stores drawing showing fewer components than Dg No 20060	13.4.15	1915	-	-	P	344	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20032	Six Wheels Coupled Coal Engines Class G58 Fitted with Robinson Superheater-Smokebox Arrangement	3" to 1' sectional side and end elevation of smokebox and interior fittings	- .4.15	1915	G58	J17	BL	381	
20058	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Robinson Superheater-Smokebox	3" to 1' sectional elevations of smokebox with interior fittings Endorsed: altered 16.12.16 & 21.12.21	2.6.15	1915	T19	D13	P	381	
20060	Brakework for 15 Ft 10 Ton High Sided Wagon	3" to 1' details of 21 components with full size outline of clutch and lever ends operating two brake blocks Endorsed: this tracing for shop copies, etc. only; for Stores tracing see Dg No 20028	6.5.15	1915	-	-	P	344	
20063	Diagram of Proposed Arrangement of Guard Trucks for 35 Tons Accident Crane	1/2" to 1' outline side elevation of crane flanked by 4 wheel guard trucks based on suburban carriage steel underframes	24.4.15	1915	-	-	P	344	
20076	Guard Trucks for 35 Ton Accident Crane	1" to 1' general arrangement of trucks converted from spare 2nd class suburban carriage underframes. Endorsed: trucks marked 'A' and 'B'; underframes from 2nds Nos 530 and 558; for alteration to truck 'B' see Shop copies	19.5.15	1915	-	-	P	345	
20079	Part Platework Details for 21'0" x 9'0" Open Carriage Truck	3" to 1' details of headstocks and racking plates only	9.5.15	1915	-	50M	P	345	
20099	Ambulance Train for France-Arrangement of Body for Ward Cars	3/4" to 1' side elevation and plan of 54' body and interior plan	26.5.15	1915	-	-	P	345	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20100	Ambulance Train for France-Roof Stiffening Angles	3" to 1' elevations of two types of angles	19.5.15	1915	-	-	P	344	
20109	Water Tank on Guard Truck for 35 Tons Accident Crane	3" to 1' elevation and plan of rectangular tank 7'11" x 2'9" outside and 2'6¾" deep	19.5.15	1915	-	-	CP	272	-
20110	Details of Ironwork for Guard Trucks for 35 Tons Accident Crane	1½" and 3" to 1' details of components for Trolley Truck 'A' and Jib Truck 'B'	21.6.15	1915	-	-	P	271	-
20138	Ambulance Train for France-Arrangement for Carrying Cold Water Tanks in Ward Cars	1½" to 1' section of carriage showing position of tanks and 3" to 1' details of cradles and brackets	1.6.15	1915	-	-	P	272	-
20140	Auxiliary Bearing Spring for Tail Weight End of Jib Guard Truck for 35 Tons Accident Crane	3" to 1' part side elevation of spring in relation to steel frame	2.6.15	1915	-	-	P	272	-
20141	Ambulance Train for France-Galvanised Steel Cold Water Tank for Infectious Ward Car	3" to 1' arrangement of 45 gallon tank and full size details of pipe fittings	16.6.15	1915	-	-	P	271	-
20146	Ambulance Train for France-Details of Holding Down Bolts for Ward Cars	¾" to 1' half plan of 54' underframe class P79 with bolt holes marked Endorsed: altered to red 15.10.18; No 22 Train	7.6.15	1915	-	-	P	271	-
20149	Lifting Gear for Ambulance Vehicles-Details for Bogie Attachment	Full size details of fittings, 4 per vehicle Endorsed: altered 17.6.15; altered to steel castings see Dg No 20567 I.I.16	7.6.15	1915	-	-	P	272	-
20169	Superheater Engines Class G58, Class D56-United States Metallic Packing for Valve Spindles	Full size elevation and section of spindle My note: copied from United States Metallic Packing Co drawing	24.9.15	1915	G58 D56	J17 D15	CP	354	
20177	Ambulance Train for France-Arrangement for Carrying Cold Water Tanks in Infectious Ward Car	1½" to 1' elevations showing arrangement of 45 gallon tank within roof and 3" to 1' details of bearers and brackets	29.6.15	1915	-	-	P	272	-
		¾" to 1' exterior and side elevation and interior arrangement of 50' body							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20178	Ambulance Train for France-Arrangement of Body for Infectious Ward Car	My comment: probably a conversion from a brake 3rd; consists of 2 wards, mess room and guards compartment	2.7.15	1915	-	-	P	272	-
20194	Galvanised Steel Lavatory Water Tank for Brake Composite Carriage Class A79	3" to 1' arrangement of water tank and full size details of pipe fittings Endorsed: amended 22.6.16	14.7.15	1915	A79	234C	P	271	-
20207	Galvanised Steel Cold Water Tanks for Carriages	3" to 1' arrangement and details of 37 gallon tank and full size details of pipework for composite class A79	20.7.15	1915	A79	234C	P	272	-
20219	Arrangement of Lavatory Water Tank and Details of Cradle for Brake Composite Carriage Class A79	1½" to 1' arrangement of 42 gallon tank within roof and 3" to 1' brackets and bearers	28.7.15	1915	A79	234C	P	272	-
20221	Arrangement and Details for Fixing Galvanised Steel Water Tanks in Lavatory Carriages	3" to 1' details showing position of tank in roof space and details of cradles and supports	9.8.15	1915	-	-	P	272	-
20222	Electro Mechanical Train Control-Arrangement and Details of Ramp	1" to 1' layout of ramp between rails and 6" to 1' details of components Endorsed: for details see Dg No 22299 16.5.19	20.8.15	1915	-	-	P	381	-
20232	Conversion of 6 Wheeled to 4 Wheeled Bogies	1½" to 1' elevation and plan of 6 wheel bogie with details of alterations required to remove centre pair of wheels Endorsed: not carried out 2.4.16 My comment: refers to 1900 bogie suburban set	18.8.15	1915	-	-	P	271	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20235	General Service Wagon Mark X-Front and Back Flanges for Front Wheel	Full size elevations and sections of front and back flanges	22.9.15	1915	-	-	P	272	-
20270	Notice Plate re Air Cock for Water Scoop	Full size elevations of 8 3/8" x 4" cast plate 'Before using water scoop enginemen must satisfy themselves that the air cock under footboard is open'	26.8.15	1915	-	-	P	381	
20313	General Service Wagon X-Front Wheel	Full size part elevation and section of 3'9" dia 12 spoke wheel My comment: part of an inch expressed in decimal, not imperial	5.9.15	1915	-	-	P	271	-
20381	Details of Hand Brake for Bogie Wagon with 9.2 Inch Gun Mounted	3" to 1' details of components Endorsed: for arrangement of brake see Dg No 20336	24.9.15	1915	-	-	P	272	-
20411	Ambulance Train for Home Service-Roof Stiffening Angles	3" to 1' details of 2 types of angles for ward and pharmacy cars	7.10.15	1915	-	-	P	272	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20451	Ambulance Train for Home Service-Arrangement and Details for Carrying Water Tanks over Bathroom of Staff Car	1½" to 1' elevations of tank within roof space and 3" to 1' details of bearers and brackets	20.10.15	1915	-	-	P	272	-
20452	Ambulance Train for Home Service-Arrangement for Carrying Cold Water Tanks in Ward Cars	1½" to 1' sections showing position of 90 gallon tank in roof and 3" to 1' details of bearers and brackets	13.10.15	1915	-	-	P	272	-
20458	Conversion of No 77 Third Class Carriage to Personnel Car for France- Alteration to Suit Steel Wheels (9" x 4" Journals)	1½" to 1' outline side elevation showing centre and outside wheel and arrangement of spring buckles to suit XC and X axleboxes	18.10.15	1915	-	406C	P	271	-
20461	Ambulance Train for Home Service-Details of Ramp and Interior Fittings	1½", 3" and 6" to 1' and full size details of various interior fittings including a removable timber ramp from platform to carriage floor	19.10.15	1915	-	-	P	271	-
20472	Steam Heating for Carriages-Arrangement and Detail for Fixing High Pressure Valve	1½" to 1' elevations of heaters beneath seats and pipework and 3" to 1' details of fittings	15.12.15	1915	-	-	P	271	-
	Basic Suburban Carriages- Suspension Bolt Wrought	Full size detail of suspension bolt							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20474	Bogie Suburban Carriages-Suspension Bolt wrought Iron	Endorsed: a paper tracing of this sent to Mr Glaze 29.10.15	- .2.16	1916	-	-	Cp	271	-
20481	Ambulance Train for Home Service-Arrangement and Details for Fixing Water Tank in Lavatory of Dining Car	3" to 1' sections of clerestory part of roof showing position of tank and details of fittings	5.11.15	1915	-	-	P	271	-
20482	No 22 Ambulance Train for Service-Arrangement of Dual Brake for No 24 Restaurant Car	1½" to 1' elevations and plan of part of underframe showing brake cylinders and rigging to 6 wheel bogie	23.11.15	1915	-	27C	P	271	-
20483	Ambulance Train of Home Service-Details of Dual Brake for No 24 Restaurant Car	3" to 1' details of components Endorsed: No 22 Train; for further details see references on Dg No 20482	8.11.15	1915	-	27C	P	271	-
20484	Electro Mechanical Train Control-Experimental Ramp	1½" to 1' elevation and plan showing position of ramp between rails Endorsed: drawing date altered to 6.18	- .11.15	1915	-	-	CI	381	-
20485	Ambulance Train for Home Service-Arrangement of Dual Brake	1½" to 1' part side elevation and plan of underframe showing twin 18" dia Vacuum cylinders and brake rigging Endorsed: for further details see Dg No 14835 and brakework Dg No 20486	8.11.15	1915	-	-	P	271	-
20486	Ambulance Train for Home Service-Details of Dual Brake	6" to 1' details of components Endorsed: 48'3" and 50' steel framed bogie vehicles	16.11.15	1915	-	-	P	271	-
		3" to 1' arrangement and details of ramp and ironwork details							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20532	Fire Engine Truck for Cambridge-Ramp and Ironwork Details D&P4657	Endorsed: see Dg No 22439 for items numbered on this drawing 17-27 inclusive for truck T82 30.1.20; altered to red for future trucks 4.3.16	21.12.15	1915	-	-	P	327	
20534	No 28 Ambulance Train for France-Kitchen & Mess Room Car	3/8" to 1' interior plan of 50' body	22.11.15	1915	-	-	P	328	
20535	No 28 Ambulance Train for France-Kitchen & Stores Car	3/8" to 1' interior plan of 50' body	22.11.15	1915	-	-	P		
20536	No 28 Ambulance Train for France-Pharmacy Car	3/8" to 1' interior arrangement of 50' body	27.11.15	1915	-	-	P	327	
20537	No 28 Ambulance Train for France-Staff Car	3/8" to 1' interior arrangement of 54' body	25.11.15	1915	-	-	P		
20539	No 28 Ambulance Train for France-Personnel Car	3/8" to 1' interior arrangement of 50' body	26.2.15	1915	-	-	P	327	
20540	No 28 Ambulance Train for France-Brake and Stores Car	3/8" to 1' interior arrangement of 50' body with corridor connection at opposite end to guard	27.11.15	1915	-	-	P		
20552	No 28 Ambulance Train for France-Ward Cars	3/8" to 1' interior plan of 54' body	30.11.15	1915	-	-	P	328	
20553	No 28 Ambulance Train for France-Brake & Infectious Ward Car	3/8" to 1' interior plan of 50' body	30.11.15	1915	-	-	P		
20554	No 28 Ambulance Train for France-Car for Sitting Up Cases	3/8" to 1' interior plan of 50' body	2.12.15	1915	-	-	P		

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20558	Alteration to Bearing and Keep of Carriage Axlebox 'P'	Full size elevations, sections and plan of axlebox	8.12.15	1915	-	-	P	328	
20563	No 28 Ambulance Train for France-Galvanised Steel Cold Water Tank 60 Gallons Capacity	3" to 1' arrangement of tank with full size details of fittings	15.12.15	1915	-	-	P	327	
20564	No 28 Ambulance Train for France-Arrangement and Details for Supporting Water Tanks in Staff, Sitting Up Cases and Personnel Cars	1 1/2" to 1' arrangement of tanks and 3" to 1' details of components	28.2.16	1916	-	-	P	327	
20570	No 28 Ambulance Train for France-Arrangement of Bottom Stepboardson All Cars	1/2" to 1' outline side elevations of underframes for 8 vehicle types showing position of stepboards classes A, S, T, X & Y79, A, B & C80	28.11.15	1915	-	-	P	327	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20573	Sketch Showing Position of Fixing Holes in Crittall Runners Sketch of Crittall Runners Showing Position of Hangers	Full size details of fittings for sliding doors in corridors of main line carriages	24.11.15	1915	-	-	P	327	
20595	Six Wheeled Personnel Car for France-Arrangement and Detail of Gear for Transportation	3" to 1' arrangement of wire rope lifting gear and spreader	4.1.16	1916	-	406C	P	327	
20596	No 28 Ambulance Train for France-Arrangement of 50Ft Steel Underframe with Rubber Buffers	1½" to 1' sectional side elevation and part plan of underframe showing arrangement of buffing and drawgear	4.1.16	1916	-	-	P	327	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20597	No 28 Ambulance Train for France-Ironwork Details for 50Ft Steel Under-frame with Rubber Buffers	3" to 1' details of buffers, drawhook and other fittings	25.1.16	1916	-	-	P	327	
20598	No 28 Ambulance Train for France-Platwork Details for 50Ft Steel Underframe with Rubber Buffers	3" to 1' details of components	21.1.16	1916	-	-	P	327	
20606	Body Arrangement of Motor Delivery Van for Use of Mechanical Engineer's Department LM7572	1½" to 1' elevations and half plan of 8'8¼" body on outline of chassis Endorsed: holding down bolts modified 24.2.16	21.1.16	1916	LM 7572	-	P	328	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20606	Body Arrangement of Motor Delivery Van for Use of Chief Mechanical Engineer's Department LM7572	1½" to 1' elevations and sectional plan of body 8'8¼" overall on outline of cab and chassis to carry 30 cwt	21.1.16	1916	LM 7572	-	PL-C	383	
20606	Body Arrangement of Motor Delivery Van for Use of Chief Mechanical Engineer's Department LM7572	1½" to 1' general arrangement of body 8'8¼" overall shown on outline of chassis	21.1.16	1916	LM 7572	-	PL-C	212	-
20607	Motor Delivery Van for Chief Mechanical Engineer's Department-Ironwork Details LM7572	3" to 1' details of ironwork	25.1.16	1916	LM 7572	-	P	328	
20663	No 28 Ambulance Train for France-Arrangement of Holding Down Bolts	¾" to 1' half plans of 5 underframes for classes S, T & Y89, B80 (50') & C80 (54')	31.1.16	1916	-	-	P	328	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20665	Motor Delivery Van for Use of Chief Mechanical Engineer's Department LM7572-Rear Axle (To Made from Motor Bus Rear Axle)	Full size sectional elevation of axle	3.2.16	1916	LM 7572	-	P	328	
20681	No 28 Ambulance Train for France-Galvanised Steel Cold Water Tank 28 Gallons Capacity	3" to 1' arrangement of tank with full size details of outlet flange	3.2.16	1916	-	-	P	328	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20693	Elevations of 54Ft Suburban Composite Carriage with Proposed Enamelled Steel Panels	¾" to 1' side and end elevations of 54' body of 1st/2nd composite on outline underframe with combined waist and lower panels and 3 end panels	10.2.16	1916	-	-	P	328	
20694	Enfield Bogie Suburban Train-Alteration from Equalising Beams to Laminated Bearing Springs	1½" to 1' side elevation and half plan of bogie and 3" to 1' details replacement components	27.3.16	1916	-	-	P	328	
20697	Elevations of 54Ft Suburban Composite Carriage	¾" to 1' undimensioned side and end elevation of 54' body on outline of underframe	11.2.16	1916	-	-	P	328	
20700	Six Wheels Coupled Goods Engine Class Y14 Fitted with Steam Brake-Details of Electro-Mechanical Train Control	1½", 3" & 6" to 1' and full size details of numerous components	- .2.16	1916	Y14	J15	CP	325	3
		Full size elevations of guides							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20701	Ribbed Buffer Guides for Travelling Gas Reservoirs	My comment: E replaced types C & F, altered to GI 14.8.20, type B replaced by FI	19.2.16	1916	-	63VV	P	238	-
20706	No 28 Ambulance Train-Lifting Gear for Transporting Coaches	1" to 1' arrangement of gear attached to carriage and 3" to 1' details of components	9.5.16	1916	-	-	P	238	-
20710	Side Panels for Bogie Suburban Train with Enamelled Panels	3" to 1' details of panels and their holes Endorsed: train to Fairlop formation	9.3.16	1916	-	-	P	238	-
20711	End Panels for Bogie Suburban Train	3" to 1' details of panels and their holes Endorsed: train to Fairlop formation	11.3.16	1916	-	-	P	238	-
20715	Branch Pipe to Valve Inlet for Passenger Communication with Vacuum Brake	Full size arrangement Endorsed: this drawing complies with RCH Min 1416	3.3.16	1916	-	-	P	238	-
20728	Alteration to Front Slide Bar Bolts Class S69 Engines	Full size elevations and plan of alterations Endorsed: altered 23.12.21 and 28.1.22	- .3.16	1916	S69	B12	CP	325	-
20741	Motor Delivery Van for Chief Mechanical Engineers Department LM7572-Radius Rod	6" to 1' arrangement of rod	22.3.16	1916	LM 7572	-	CP	238	-
20743	Bogie Suburban Train with Enamelled Panels- Arrangement of Body Framing	1 1/2" to 1' arrangements of panelling shown on part side and end elevations on plain and brake ends	6.4.16	1916	-	-	P	238	-
20744	Brake Block for 10 Ton Goods Brakes and Permanent Way Brake Vans	6" to 1' arrangement of type 13 block with lugs Endorsed: lugs not required work to red 24.8.27	24.3.16	1916	-	-	P	238	-
20747	Proposed WHB Reservoirs for Engines (Adapted from Spare Gas Reservoirs for Carriages)	6" to 1' sectional elevations of 1'4" diameter cylinder with new fittings	27.3.16	1916	-	-	P	325	-
20760	Untitled	Full size sections and elevations of Detroit lubricator Detroit Lubricator Co Dg No 20A dated 26.11.09	-	1916	-	-	BP	325	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My comment: formerly a Bench hole drawing of the same number							
20761	High and Low Pressure System of Steam Heating for Carriages-Arrangement of High Pressure Valve	Full size arrangement Endorsed: this valve is a modification of original valve shown on Dg No 19324	10.4.16	1916	-	-	P	238	-
20762	Spiral Spring for Balancing Doors	Full size details of 1' 2½" long spring	7.4.16	1916	-	-	P	238	-
20768	Arrangement of Brake Van for Royal Train	¾" to 1' general arrangement of 54' body, includes 3rd compartments My comment: this drawing does not show the subsequent deletion of 3rd class compartments	3.7.16	1916	H79	546C	P	238	-
20771	Six Wheels Coupled Goods Engines Class G58-Boiler	1½" to 1' elevations, sections and plans with full size riveting details Endorsed: altered 19.4.18, 4.2.21 & 13.8.24	30.10.16	1916	G58	J17	P	325	
20771	Six Wheels Coupled Goods Engines Class G58-Boiler	1½" to 1' elevations, sections and plans with full size details of riveting, incorporating alterations noted above	30.10.16	1916	G58	J17	P	325	
20776	Spare Bogie P47 Class-Altered for Use Under Converted Suburban Carriages	1½" to 1' arrangement of bogie and 3" to 1' details	30.5.16	1916	P47	-	P	238	-
20777	Spare Bogies to Dg Nos 13665 and 11507 Altered for Use Under Converted Suburban Carriages	1½" to 1' arrangement of bogies and 3" to 1' details of components Endorsed: for 2 bogies to this elevation were previously fitted with Timmis bogie suspension gear; 5 bogies to this elevation, 4 built to Dg No 13665 and 1 to Dg No 11507	29.5.16	1916	-	-	P	238	-
20811	Details of Dual Brake for Cattle Wagons (Steel Frame)	3" to 1' details of 16 components	25.5.16	1916	-	-	P	238	-
		1½" to 1' arrangement of brake on steel underframe							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20812	Arrangement of Dual Brake for Cattle Wagons	Endorsed: for further dimensions see Dg No 14796; 20 cattle wagons fitted with vacuum brake to be altered to this	- .6.16	1916	-	-	P	238	-
20817	Proposed Arrangement of Dual Brake for Cattle Wagons	1½" to 1' arrangement of steel underframe Endorsed: not carried out see Dg No 20812	2.5.16	1916	-	-	-CP	238	-
20896	Alterations of Buffing and Drawgear for Wool Wagon	1" to 1' outline half elevation and plan of wagon showing replacement brake gear and 3" to 1' details of components Endorsed: additional brake to be fitted on opposite side of wagon to the existing brake 21.7.16	6.6.16	1916	-	11W	P	238	-
20900	Six Wheels Coupled Goods Engines E72 Class- Alteration to Sand Boxes to Suit New Pattern Sand Trap for Lambert's Water Sanding	3" to 1' sections and plans of sandbox Endorsed: for leading sandbox alteration for T77 see Attachment 20900 27.6.16; altered 18.7.16	10.6.16	1916	E72	J18	P	325	-
20901	Standard 50Ft Carriage Underframe Arranged as Temporary Truck	1½" to 1' half elevations and plan of 49' 5" underframe Endorsed: superseded by Dg No 20901-I 1.8.16	10.6.16	1916	-	-	P	238	-
20901 -I	Standard 50Ft Carriage Underframe Arranged as Temporary Truck	1½" to 1' half elevations and plan of 49' 5" underframe Endorsed: to be written on right hand corner 'Distributed Load 8 Tons Concentrated Load 3 Tons' 16.1.17	- .9.16	1916	-	47M	P	238	-
		1½" to 1' arrangement of bogie with brake gear and 3" to 1' details of components							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20903	Standard 50Ft Carriage Underframe Arranged as Temporary Truck-Arrangement and Details of Hand Brake	Endorsed: for arrangement of truck see Dg No 20901; hand lever to be in accordance with item 9 Dg No 27366 as altered 27.6.29; theatrical scenery truck dia 47M and signal post truck dia 76W to have hand levers, brake racks and brake brake rack stays in accordance with Dg No 27366 as altered 27.6.29	1.7.16	1916	-	47M	P	238	-
20934	Trestle for Lifting Carriages	3" to 1' arrangement of timber trestle 4'6" high	6.7.16	1916	-	-	P	238	-
20937	Six Wheels Coupled Goods Engines Class T77- Arrangement of Vacuum Brake Pipes	1½" to 1' arrangement shown on outline elevations and plan of engine and 6" to 1' details of elbows	- .7.16	1916	T77	J19	P	326	3
20957	Load Plate for Passenger Brake Vans and Brake Thirds	Full size details of 4 plates for 2, 3½, 4 and 7 tons and their position on bottom right of bodies and stock types applicable	20.7.16	1916	-	-	P	238	-
20962	Six Wheels Coupled Coal Engines Class T77 Fitted with Robinson Super-Heater-Smokebox	3" to 1' sectional side end end elevations of smokebox	- .7.16	1916	T77	J19	P	326	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20963	Six Wheels Coupled Goods Engines Class T77- Arrangement and Details of Spark Arrestor and Blast Pipe Gear	3" to 1' arrangement and 6" to 1' details of components	- .7.16	1916	T77	J19	P	326	
21025	General Arrangement of Cattle Wagon Class 179	1½" to 1' general arrangement of 18'7" wood framed wagon fitted with Westinghouse and Vacuum pipes Endorsed: brake pipes are not to be fitted to wagons unless specified	13.11.16	1916	179	71W	P	262	-
21026	Iron Work Details for Cattle Wagon Underframe Class 179	3" to 1' details of components	7.9.16	1916	179	71W	P	262	-
21036	Proposed Offices, Mess Rooms, etc for Operating Department and CME'S Department, Whitemoor	1/8" to 1' scale elevations of two storey building and interior plans Endorsed: SDO Dg No 5586	- .8.16	1916	-	-	P	325	
21095	Four Wheels Coupled Tank Engines Class G69- Arrangement of Electro-Mechanical Train Control	1½" to 1' arrangement shown on part elevations and plan of engine and 3" to 1' details of fittings	10.10.16	1916	G69	F6	P	326	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21119	Six Wheels Coupled Goods Engines T77 Class- Alteration to Steam Brake Handle on Vacuum Ejector	Full size details of handle	29.8.16	1916	T77	J19	P	326	
21134	*1½" to 1' general arrangement of 19'0" wagon with dumb buffers	4" and 6" to 1' and full size arrangement of truck and details of components	- .9.16	1916	-	-	P	248	-
21135	Miners Truck Mark III Converted to Mark IV for War Department-Details of Timber	6" to 1' and full size details Endorsed: for arrangement of ironwork details see Dg No 21134	- .9.16	1916	-	-	P	248	-
21135 Att	Platform for Miners Truck Mark III Converted to Mark IV	6" to 1' plan of platform	- .9.16	1916	-	-	P	248	-
21136	Eyebolt and Ring, Etc. for Miners Truck Mark IV	Full size details of 2 items Endorsed: part copy of IRESM/1388	20.9.16	1916	-	-	P	248	-
21142	Proposed Swingletree for Horse Shunters	Full size arrangement of swingletree made of plate with wood inserts	26.9.16	1916	-	-	P	262	-
21159	Old Tenders S23 Class Fitted for Carrying Petroleum	1½" to 1' outline elevations of tender showing hand brake and 3" to 1' details of components Endorsed: work to dimensions shown in red for alterations to vehicles to carry creosote for the Admiralty 20.8.17	31.10.16	1916	S23	-	P	326	
21242	Four Wheels Coupled Radial Tank Engines G69 Class- Vacuum Brake Ejector Arrangement	1½" to 1' arrangement shown on outline elevations and half plan of engine with details of fitting Endorsed: altered 20.9.28	13.11.16	1916	G69	F6	P	326	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21244	Arrangement of One Horse Express Parcel Van	1½" to 1' arrangement of 4 wheeled covered van 7'10½" inside	13.11.16	1916	-	-	P	262	-
21249	14 Inch Rubber Tyred Wheel for Platform Barrows	Full size elevation and section of cast wheel 1'2½" finished diameter	6.11.16	1916	-	-	P	262	-
21250	11 Inch Rubber Tyred Wheel for Platform Barrows	Full size elevations and section of cast wheel 12½" finished diameter	6.11.16	1916	-	-	P	262	-
21251	9 Inch Rubber Tyred Wheel for Platform Barrows	Full size elevation and section of cast wheel 10½" finished diameter	6.11.16	1916	-	-	P	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21257	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Superheater-Arrangement of Vacuum Brake	1½" to 1' arrangement shown on outline elevations and half plan of engine with details of fitting Endorsed: altered 20.9.28	13.11.16	1916	T19	D13	P	326	
21259	Four Wheels Coupled Express Engines Class T19 with Superheater-Balanced Slide Valve	Full size elevations, section and sectional plan Endorsed: altered 12.7.21	20.11.16	1916	T19	D13	P	326	
21282	Four Wheels Coupled Express Engines Class T19 with Superheater-Steam Chest Cover	Full size elevations, plan and sections Endorsed: altered 15.8.17 and 12.4.18	27.11.16	1916	T19	D13	P	326	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21336	Six Wheels Coupled Bogie Express Engines Class S69- Arrangement and Details of Detroit Four Sight Feed Lubricator	1½" to 1' arrangement shown in relation of outline of engine cab and 3" to 1' details of fittings	16.7.16	1916	S69	B12	P	326	
21358	Six Wheels Coupled Goods Engines Y14 Class for Overseas Fitted with S23 Class Tenders-Arrangement and Details for Whites Water Lifter	1½", 3" & 6" to 1' and full size arrangement and details of components	12.1.17	1917	Y14	J15	P	325	
21367	20 Ton Covered Goods Wagons for Overseas- Arrangement and Details for Packing Underframe and Body	1" to 1' arrangement of packing methods and 3" to 1' details of components My note: parts labels colour coded for each of the 9 companies which built wagons to this design	- .2.17	1917	-	-	PL-C	209	-
21368	Wagons for Overseas-Arrangement for Packing- Details of Covered Goods Wagons for Shipment	1½" to 1' details of components and their packing 3" to 1' arrangement of packing cases with instructions	- .2.17	1917	-	-	PL-C	209	-
21381	Diagrams of Platform Barrows Showing Positions of Chain for Securing Barrows when Not in Use	(1½" to 1') side and underside elevations of 3 types of barrow showing position of chains	- .1.17	1917	-	-	CP	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21385	Four Wheels Coupled Bogie Express Engines D56 Class-Steel Firebox	1½" to 1' sectional elevations and part plan of firebox	- .7.17	1917	D56	D15	P	325	
21406	Four Wheels Coupled Radial Tank Engines G69 Class-Steel Firebox	1½" to 1' sectional elevations and part plan of firebox	- .7.17	1917	G69	F6	P	325	
21415	Gauges for Wagon Wheels and Axle with 8In by 3¾In Journals 6Ft 7½In Centres	Full size details of gauges	1.2.17	1917	-	-	P	248	-
21427	Six Wheels Coupled Tank Engines R24 Class-Steel Steam Pipes	3" to 1' details of two pipes	24.2.17	1917	R24	J69	P	325	
21455	Cast Steel Wheel for Miners Truck	Full size elevation and section of 13" diameter wheel with 5 spokes	- .3.17	1917	-	-	CP	248	-
21473	Six Wheels Coupled Goods Engines Y14 Class-Steel Steam Pipes and C.I. Elbow	3" & 6" to 1' details of components Endorsed: additional details added 22.5.23	28.12.17	1917	Y14	J15	P	325	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21482	Four Wheels Coupled Bogie Tank Engines S44 Class-Steel Steam Pipes	3" to 1' det ails of two pipes	21.3.17	1917	S44	G4	P	326	
21498	Ironwork Details for Low Sided Wagons with Fixed Sides Adapted for Military Traffic	3" to 1' arrangement of components	24.4.17	1917	-	68W	P	262	-
21502	Electro Mechanical Train Control-Arrangement of Double Ramps	1½" to 1' section and plan of track showing ramps between running lines and position of shoe attached to engine My note: unmounted cartridge and torn	- .4.17	1917	-	-	CP	354	
21510	Conversion of Double Bolster Wagons to Suit Military Traffic-Arrangement and Details	1½" to 1' outline elevations and plan of 22'9" wagon and 3" to 1' details; bolsters and ends of wagon removed Endorsed: these wagons to be marked 'For Military Traffic'	1.6.17	1917	-	30W	P	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21512	Conversion of 4 Wheeled Brake Thirds to 15 Tons Goods Brakes for Overseas-Method of Weighting Vehicles with Concrete	1" to 1' outline sectional elevations and plan of 27' suburban carriage showing position of concrete under seats	28.4.17	1917	-	503C	PL-C	209	-
						521C			
21514	Conversion of 4 Wheeled Brake Thirds to 15 Ton Goods Brakes for Overseas-Arrangement and Details for Sand Boxes and Gear	1" to 1' arrangement of gear and 3" to 1' details of components	7.5.17	1917	-	521C	P	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21525	Brake Thirds to be Used as 15 Ton Goods Brakes for Overseas-Drawgear and Buffer	3" to 1' details of components	- .5.15	1915	-	521C	P	248	-
21529	Converting Double Bolster Wagons to Suit Military Traffic-Details of Ironwork	3" to 1' details of 12 components, including sets of plates at each end for wheeled traffic	12.5.17	1917	-	30W	P	262	-
21533	Brake Thirds to be Used as 15 Ton Goods Brakes for Overseas-Draw Gear and Buffer	3" to 1' sectional elevation of drawbar and gear and details of components for channel steel underframe	17.5.17	1917	-	521C	PB	262	-
21549	No 36 Ambulance Train for Overseas-Arrangement and Details of Stretcher Brackets	1½" to 1' sectional arrangement of brackets and 3" to 1' details of components	1.6.17	1917	-	-	P	262	-
21550	G69 Class Engine Attachment for Testing Obstructions above Rail Level for Electro Mechanical Train Control (Twin Ramps)	3" to 1' elevations and plan showing attachment to engine and 3" to 1' details of bracket	12.6.17	1917	G69	F6	P	355	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21553	Alteration of Position of Front Top Lamp Iron for 700, 1150, 1240, 1500 and 1900 Class Engines	3" to 1' elevations showing new position of lamp iron on smokebox door and 6" to 1' elevations of lamp iron	- .6.17	1917	T19	D13	P	355	
					F48 E72 S69 S46	J16 J17 B12 D14			
21571	Arrangement and Details of Gear for Ejecting Smokebox Ashes D56 Engines (Non Superheater)	1½" to 1' arrangement of apparatus in smokebox and 3" and 6" to 1' details of components Endorsed: altered for G58 class 27.5.18	14.6.17	1917	D56	D15	P	355	
21571	Six Wheels Coupled Goods Engines Class G58 without Superheater-Part Arrangement and Details of Gear for Ejecting Smokebox Ashes	1½" to 1' arrangement of gear and 3" to 1' and full size details of components Endorsed: altered 8.11.18	- .5.18	1918	G58	J17	P	355	
Att									
21590	Brake Shaft Release Spring	Full size details of 10 3/8 long spring	29.6.17	1917	-	-	CP	355	
21590	Engine Classes B17, F4-6, J66-69 and GE Tenders- Brake Shaft Release Spring	Full size details of 10 3/8 long spring Endorsed: supersedes Dg No 14143-I and Dg No PC13391-D	-	-	-	B17 F4 F5	BP	355	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Brake Shaft Release Spring					J66 J68 J69			
21600	Tenders Class S23-Arrangement and Details of Steam Pipe Coil in Well for Warming Creosote	1½" to 1' sections and plan showing pipe arrangement in tender well and 6" to 1' details of components Endorsed: altered 29.8.17	17.7.17	1917	S23	-	P	355	
21603	Wagon Brakes-Arrangement to Prevent Closing in of Brake Shaft Hangers	3" to 1' arrangement and full size details of shaft	17.7.17	1917	-	-	P	248	-
21604	Securing Gear for Low Sided Military Traffic Wagons-Arrangement and Details	1½" to 1' arrangement of gear on end of wagon and 3" to 1' details of components	19.7.17	1917	-	68VV	P	262	-
21617	Proposed Two Wheeled Timber Carriage	1" to 1' elevations and plan of 2 wheeled road carriage 2 tons capacity	24.7.17	1917	-	-	P	262	-
21618	Four Wheeled Timber Carriage	1" to 1' elevations and plan of 4 wheeled carriage of adjustable length between 10'6" to 17'6" wheelbase	24.7.17	1917	-	-	P	262	-
21628	Six Wheeled 20 Ton Goods Brakes-Arrangement of Brakework to Obtain Equal Pressure on each Block	1½" to 1' elevations and plan of underframe showing brakework Endorsed: for details see Dg No 21635	7.8.17	1917	-	49VV	P	262	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21630	Emergency Train for War Office-Galvanised Steel Cold Water Tank for Bath Room	3" to 1' arrangement of tank and full size components	13.8.17	1917	-	-	P	248	-
21634	Alteration to No 51 Saloon for Emergency Train for War Office	3/8" to 1' revised side elevation and layout of interior of saloon	15.8.17	1917	-	23C	P	263	-
21635	Six Wheeled 20 Tons Goods Brakes-Details of Brakework to Obtain Equal Pressure on Each Block	3" to 1' details of components My comment: appears to replace all existing gear apart from truss rods	16.8.17	1917	-	49W	P	263	-
21636	Six Wheels Coupled Goods Engines H80 Class J19-Trailing Sandbox (for Dry Sanding Gear)	3" to 1' elevations and plan of sandbox Endorsed: altered 16.2.40 for hopper bottom to sand box; for details see Dg No 17549	20.8.17	1917	H80	J19	P	355	
21638	Emergency Train for War Office-Arrangement and Details for Fixing Water Tank above Bathroom	1½" to 1' sectional view of bath and heater and 3" to 1' details	21.8.17	1917	-	23C	P	263	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21640	Six Wheels Coupled Tank Engines Class R24-Steel Cone and Pipe Flanges for Steel Steam Piping	Full size elevations of a cone and two flanges	30.8.17	1917	R24	J67	P	354	
21641	Alteration to Front of Wagon Axlebox 'Y' so That it Can be Fitted to 20 Ton Coal Wagons	Full size elevation, section and plan of axlebox Endorsed; altered 26.4.18 by removal of side lug and addition of top handle	30.8.17	1917	-	46W	P	263	-
21642	Ironwork Details for Two Wheeled Timber Carriage	3" to 1' details of components	9.1.18	1918	-	-	P	263	-
21643	Wheel for Two Wheeled Timber Carriage	6" to 1' elevation and section of 18 spoke wheel 6' diameter	27.8.17	1917	-	-	P	263	-
21644	Two Wheeled Timber Carriage-Arm and Axle	6" to 1' elevations and plan	9.1.18	1918	-	-	P	263	-
21645	No 15 Axlebox Washer and Cap	Full size elevation and section for road vehicles	8.11.17	1917	-	-	P	263	-
21651	Six Wheels Coupled Goods Engines Class H80-Arrangement of Dry Sanding Gear 9.17	1½" to 1' arrangement of gear shown in relation to part outline elevation of engine Endorsed: steam pipes and cock for rail cleaning not required, undated	- .9.17	1917	H80	J19	P	354	
21657	Arrangement and Details of Truss for Roof of Saloon No 51	¾" to 1' side elevation of clerestory 3" to 1' details of components for alterations at office end	1.9.17	1917	-	23C	P	263	-
21658	Six Wheels Coupled Bogie Express Engines Class S69-Arrangement of Davies and Metcalfe's No 10 Exhaust Injector	1½" to 1' arrangement shown in relation to part outline elevations and plan of engine Endorsed: altered 20.12.20 My note: drawing virtually illegible	- .9.17	1917	S69	B12	CP	354	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21662	Bending Moment Diagram for LB&SCR 2-6-0 Goods Engine on 35Ft Span with Heaviest Axle Load in Centre of Span	1/4" to 1', 1/4" to 1 ton, 1" to 100 foot tons bending moment diagram	29.9.17	1917	-	-	CP	355	
21663	Bending Moment Diagram of GWR 2-6-0 Goods Engines on 35Ft Span (with Heaviest Axle Load in Centre of Span)	1/4" to 1 ton, 1/4" to 1', 1" to 100 tons feet bending moment diagram	- .9.17	1917	-	-	CP	354	
21665	Cross Section of Tyre Fastening for Standard No 3 Wheel-Standard Steelworks Co, Philadelphia	Full size section of outer part of wheel	14.9.17	1917	-	-	P	263	-
21667	Loading Plate for Military Traffic Wagons	Full size details of cast iron plate 1'3 1/4" by 5" deep to read 'Military Traffic Stock/To be Loaded/To GE Stations Only' in 7/8" raised letters	17.9.17	1917	-	-	P	263	-
21671	Details of Dual Brake for No 63 Saloon	3" to 1' details of components	-	1919	R69	29C	CP	263	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21673	Electro Mechanical Train Control-Electro Magnet and Bracket	Full size elevations and plan of assembly	26.9.17	1917	-	-	P	354	
21676	Bearing for Wagon Axleboxes A1 and B1 8" x 3 3/4" Journals	Full size elevations and plan of bearing Endorsed: MR pattern	28.9.17	1917	-	-	P	263	-
21679	Front and Hind Wheels for Four Wheeled Timber Carriage	6" to 1' elevation and section of 14 spoke wheel 4' diameter	8.11.17	1917	-	-	P	263	-
21680	Four Wheeled Timber Carriage-Front and Hind Arm and Axle	6" to 1' elevation and plan	8.11.17	1917	-	-	P	263	-
21681	Brake Block and Lever for Engine No 1 of Southwold Railway Co	3" to 1' elevation and plan showing assembly using GE tram engine block to Dg No 6340	- .10.17	1917	-	-	CI	355	
21682	Ambulance Train for USA Army-Arrangement of Holding Down Bolts	3/4" to 1' half plans of underframes for classes O, P, R, T & W80	2.10.17	1917	-	-	P	263	-
21684	Ambulance Train for USA Army-Personnel and Ward Car R	3/8" to 1' interior layout of 54' car							

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21685	Ambulance Train for USA Army-Staff Car G	3/8" to 1' interior layout of 54' car	9.10.17	1917	-	-	P	263	-
21686	Ambulance Train for USA Army-Kitchen and Mess Room Car H	3/8" to 1' interior layout of 54' car							
21687	Ambulance Train for USA Army-Kitchen and Sick Officers Car A	3/8" to 1' interior layout of 54' car							
21688	Ambulance Train for USA Army-Brake and Stores Car Lettered E	3/8" interior layout of 54' car	-.12.17	1917	-	-	P	263	-
21691	Ambulance Train for USA Army-Brake and Infectious Ward Car-Lettered A10	3/8" interior layout of 54' car							
21689	Ambulance Train for USA Army-Pharmacy Car-Lettered F	3/8" interior layout of 54' car	-.12.17	1917	-	-	P	263	-
21690	Ambulance Train for USA Army-Ward Car-Lettered B, C, D, E, L, M, N, O & P	3/8" interior layout of 54' cars							
21692	Ambulance Train for USA Army-Arrangement of Bottom Step Boards on all Cars	1/2" to 1' outline side elevations of underframes and 3" to 1' end elevations of step boards for classes M, O, P, R, T & W80	21.12.17	1917	-	-	P	263	-
21701	Oil Axlebox to Replace the A, E & X Axleboxes	Full size elevations, sections and plan of axle box marked B1 Endorsed: similar to the A1 box except that the spring seat and axleguard lugs are modified to suit the GER type stock	13.10.17	1917	-	-	P	263	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: altered 24.4.18; for drawing of outer casting of side and slide for the B1 axlebox see Dg No 21945							
21702	Ironwork Details for Four Wheeled Timber Carriage	3" to 1' details of components	14.11.17	1917	-	-	P	263	-
21707	Axleguard Stay to be Used where the A, E and X Axleboxes are Replaced by the B1 Axlebox	Full size elevation and plan of stay with flattened bottom to allow 1 5/8" clearance from underside of axlebox	19.10.17	1917	-	-	P	263	-
21715	Ambulance Train for USA-Arrangement of Body for Ward Cars M80	¾" to 1' side elevation and plan of 54' vehicle and Red Cross markings My comment: this is the only drawing found to show original condition of a vehicle built new for ambulance train use	5.11.17	1917	M80	-	P	263	-
21717	Wagon Axlebox E-Bearing with White Metal Liner	Full size elevation, section and plan Endorsed: altered 29.1.18	26.10.17	1917	-	-	P	263	-
21723	Four Wheels Coupled Mixed Traffic Engines T26 Class-Footboard	1½" to 1' arrangement of footboard with 3" to 1' details	18.1.18	1918	T26	E4	P	263	-
21728	Ambulance Train for USA Army-Draw Hook and Drawbar Plate	Full size elevation, section and plan	8.11.17	1917	-	-	P	263	-
21732	Side Chain for U.S.A. Ambulance Train GWR Type	Full size elevation and plan of 7 link chain with hook	- .11.17	1917	-	-	P	320	
21733	Position and Details of New Floor Bearers on Underframe of Fish Wagon	1" to 1' part side elevation and plan of underframe and 3" to 1' details of cross bearers positioned 3'1" either side of centre line	15.11.17	1917	-	54W	P	320	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21735	Workshop Repair Train for War Office-Arrangement of Tool Van	1" to 1' interior elevations of benches and equipment Endorsed: vehicle converted from overseas covered goods wagon	3.1.17	1917	-	-	P	320	
21736	Workshop Repair Train-Arrangement of Officers and Stores Van	1" to 1' sectional elevations of interior and layout of 25' van Endorsed: for body see GER Dg No 21313 converted from 20 ton covered goods wagon (overseas)	28.12.17	1917	-	-	P	321	3
21737	Workshop Repair Train for Overseas-Arrangement of Body for Generating and Machinery Vans	1" to 1' elevations, section and plan of body of 25' van Endorsed: underframe to Dg No 21266, ironwork to Dg No 21738	31.12.17	1917	-	-	P	321	2
21738	Workshop Repair Trains for Overseas-Ironwork Details for Body for Generating Machinery Van	3" to 1' details of ironwork with schedules of components	3.1.18	1918	-	-	P	321	2
21739	Workshop Repair Train-Stores Van-Arrangement and Details of Jib Crane	1" to 1' arrangement of 2 cwt crane and full size details of components, two per van	4.1.18	1918	-	-	P	321	2
21741	Workshop Repair Train for Overseas-Cross Sections Through Machinery Vans	1" to 1' cross section through machinery vans Nos 1 & 2 showing pulleys and belting and schedule of requirements	- .3.18	1918	-	-	P	320	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21746	Workshop Repair Train for Overseas-Arrangement and Details of Supports for Generating and Machinery Vans	1", 1½" & 3" to 1' and full size details of components	- .3.18	1918	-	-	P	320	
21748	Three Link Coupling	Full size elevation and plan of wrought iron coupling with centre bar in place of link	20.11.17	1917	-	-	P	320	
21760	Bending Moment Diagram of SE&C 2-6-0 Goods Engine on 35' Span	¼" to 1', ¼" to 1 ton & 1" to 100 tons feet Endorsed: figures on diagram are approximate only see Dg No 21807 for BM diagram worked from correct figures 20.12.17	- .12.17	1917	-	-	CP	320	
21764	Alteration to Tube Spacing Class D56 (Superheater)	3" to 1' elevations of both tubeplates 18 large and 156 small tubes Endorsed: altered 7.2.30	- .1.18	1918	D56	D15	P	325	
21804	Suggested Handbrake for Ambulance Train for the American Army	3" to 1' sectional side elevation of brake column end of carriage and cranks beneath underframe	17.9.17	1917	-	-	PT	320	
21805	Six Wheels Coupled Goods Engines Class F48-Footboard	½" to 1' elevations, section and plan of footboard with 3" to 1' details of components Endorsed: footboard cut away to red 2.11.26; altered 24.1.42 and 27.1.55	9.2.18	1918	F48	J16	CP	354	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21806	Ambulance Train for the American Army- Arrangement for Carrying Cold Water Tanks in Kitchen and Sick Officers Car	1½" to 1' arrangement of tanks and 3" to 1' details of components	7.1.18	1918	-	-	P	320	
21807	BM Diagram of SE&C 2-6-0 Goods Engine on 60 Ft Span	¼" to 1', ¼" to 1 ton & 1" to 100 tons feet diagram Endorsed: for BM diagram for GCR 2-8-0 engine see Dg No 19271	- .12.17	1917	-	-	CP	321	2
21809	Suggested Alteration to Low Floored Milk Van to Enable it to Run Round a 3½ Chain Curve	1½" to 1' sectional end elevation of wheelset and new axlebox for centre wheels, plan of van on curve and table of clearances	22.12.17	1917	-	22M	P	321	2
21817	Ambulance Train for the American Army- Arrangement of Handbrake on Kitchen, Pharmacy, Staff, Ward and Ward & Personnel Cars	1½" to 1' sectional half side elevation and half plan of frame showing arrangement of brake Endorsed: altered 7.3.18	- .2.18	1918	-	-	P	321	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21818	Ambulance Train for the American Army-Brakework Details for Handbrakes on Kitchen, Pharmacy, Staff, Ward and Ward & Personnel Cars	1½", 3" & 6" to 1' details of brake column, hand wheel, levers, hangers and pull rods Endorsed: altered 7.3.18 and additions in black	- .3.18	1918	-	-	P	321	2
21818	Details of Cast Iron Work for Handbrakes for Ambulance Train for the American Army	6" to 1' elevations and plan of brake column, hand wheel, etc for orders M, O, P & W80	15.1.18	1918	-	-	P	321	2
21820	Low Floored Milk Van-Arrangement of Oil Axlebox CI	Full size elevations, sections, plans and sectional plans of axlebox Endorsed: altered 22.5.19	24.1.18	1918	-	22M	P	321	2
21837	Arrangement of First Class Saloon F80	¾" to 1' body arrangement of 54' saloon with open balcony and interior details Endorsed: cancelled see Dg No 21936 15.5.18	8.2.18	1918	F80	34C	P	321	2
21838	Arrangement of Underframe for First Class Saloon F80	1" to 1' side and sectional side elevations and plan of 54'7½" underframe with dual braking and lighting equipment details, composite wood and steel channel underframe	-	1918	F80	34C	P	320	
21863	Workshop Repair Train for Egypt-Arrangement of Line Shafting and Pulleys in Machine Vans	½" to 1' outline sectional elevations and plan of machine vans Nos 1 & 2	- .2.18	1918	-	-	P	320	
21868	BM Diagram of Proposed 4-4-0 Express Engine on Various Spans	¼" to 1', ¼" to 1 ton, 1" to 100 foot tons bending moment diagram for a range of spans 20' to 70'	- .3.18	1918	-	-	CP	355	4

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21870	Proposed 4-4-0 Express Engine-Curve Showing Relation between Bending Moment and Span	Curve shown in graph form	13.3.18	1918	-	-	P	354	
21878	Workshop Repair Train for Overseas-Details of Shaft Hanger, Angle and Column for Machinery Vans	1" to 1' details of components for machinery vans Nos 1 & 2	- .2.18	1918	-	-	P	320	
21879	Workshop Repair Train for Overseas-Water Tank Filler for Water Tank on Generating Car	Full size sectional elevations and plan of cast filler	- .5.18	1918	-	-	P	321	2

Part

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21884 -I	Ramp for Unloading Horses from Cattle Wagons- Hangers and Brackets	Full size elevations and sectional end elevation of brackets fitted accept ramp	28.5.18	1918	-	-	P	321	2
21885	Arrangement and Details of Ramp for Loading Horses into Cattle Wagons	1" to 1' elevation and plan of 16'4" long ramp and 3" to 1' details of fittings	- .2.18	1918	-	-	P	321	2
21885 -I	Ramp for De-Training Horses from Cattle Wagons	1 1/2" to 1' elevation and plan of ramp and 3" to 1' details of fittings	10.6.18	1918	-	-	P	320	
21887	'Beard' System of Refrigerating Wagons-Details of Tank and Hood	1 1/2" to 1' arrangement of hood, two per wagon 3" to 1' and full size details	- .5.18	1918	-	-	P	320	
21904	Electro Mechanical Train Control	Full size details of numerous components	- .4.18	1918	-	-	CP	354	
21910	Conversion of Composite Carriages to General Vans- Arrangement and Details of Hand Brake, etc.	1 1/2" to 1' half elevations and plan of 6 wheel wood underframe showing arrangement of hand brake and 3" to 1' details of components Endorsed: push rod altered in red 16.8.18 My comment: gas tanks retained	- .5.18	1918	-	45M	P	230	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21916	0-6-0 Goods Engines Class - -Diagram Showing wheelbase on 6 Chain Curve	1½" to 1' plan showing wheels of E72 class engine on curve	22.4.18	1918	E72	J18	CP	354	
21922	Superheater Belpaire Boilers 4'8" Diameter- Arrangement of Copper Smoke Tubes	3" to 1' elevations of tubeplates	- .4.128	1918	-	-	CP	354	
21931	Covered Goods Wagons (19Ft 0Ins and 19Ft 3Ins)- Arrangement for Insulating these Wagons for the Conveyance of Meat	1½" to 1' interior elevations and plan showing addition of insulation material for wagons to Dg Nos 16874 and 13490 and 3" to 1' details Endorsed: minor amendments 25.6.18 and 4.7.18; paint white disc 2' diameter each side on the right hand quarter My note: this not indicated on the drawing	- .3.18	1918	-	47W 72W	P	230	-
21937	Instruction Plate for Sleeper Wagons Attached to Ponders End Creosoting Works	Full size details of plate 'Empty to Ponders End' and 3" to 1' details of its position on lower rail 1' right of centre line	16.5.18	1918	-	44W	P	230	-
21941	Arrangement and Details of Ramp for Loading Military Road Vehicles onto Low Sided Wagons	1½" to 1' arrangement of 16' long ramp chained to wheel plate of open carriage truck and 3" to 1' details of components	- .6.18	1918	-	-	P	230	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21942	Arrangement of Lubrication Pipes for Trailing Axle Boxes D56 Class	6" to 1' elevations of pipework	4.6.18	1918	D56	D15	P	354	
21944	Arrangement of First Class Saloon F80	¾" to 1' arrangement of body of 55' saloon with open balcony at one end and fixed steps to ballast Endorsed: seat replaced by 6 chairs (in saloon corridor end), hinged wash basin replaced by fixed and elliptical table at platform end replaced by oblong table	24.6.18	1918	F80	34C	P	230	-
21946	Arrangement of Lubrication Pipes for Trailing Axleboxes T19 Class	6" to 1' elevations of pipes	5.6.18	1918	T19	D13	P	355	
21948	Built Up Crank Axles for Coal Engines Class D81	3" to 1' elevations of crank axle Endorsed: classes M87 & Y87 added	12.6.18	1918	D81	J20	P	354	
21949	Six Wheels Coupled Goods Engines Class D81 - Driving and Trailing Horn Block and Axle	6" to 1' elevations, sections and plan of horn block and axle Endorsed: altered 30.12.27 and 3.34	20.6.18	1918	D81	J20	P	355	
21953	Six Wheels Coupled Goods Engines D81 Class - Framing	1½" to 1' elevations and plan of framing with details of components	12.40	1940	-	J20	BP	355	
Ren 21953	Six Wheels Coupled Goods Engines D81 Class - Framing	1½" to 1' elevations and plan of framing	12.40	1940	-	J20	P	355	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part	Six Wheels Coupled Coal Engines J20 Class-1 Trailing	Endorsed: alterations to cab steps 21.5.51	- .12.40	1940	-	J20	P	355	
21954	Six Wheels Coupled Coal Engines D81-J20-Leading Hornblock and Axlebox with Controlling Gear	6" to 1' elevations, sections and plans of hornblock Endorsed: altered 26.1.26 and 9.37	16.9.18	1918	D81	J20	P	355	
21960	Six Wheels Coupled Coal Engines Class D81-J20-Leading, Driving and Trailing Sand Boxes and Splashers	3" to 1' elevations and plan of sandboxes and splashers with 6" to 1' and full size details of components Endorsed: altered 2.40	- .1.19	1919	D81	J20	P	355	
21965	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Diameter Boiler-Spark Deflector Details	6" to 1' details of 3 components	20.11.22	1922	D56	D15	CP	354	
Att									
21967	Six Wheels Coupled Coal Engines Class D81-Brake Arrangement, Steam and Vacuum	1" to 1' arrangement of brake shown on part elevations and plan of engine My note: drawing virtually illegible	- .2.19	1919	D81	J20	CP	354	4
21969	Modified Arrangement of LH Trailing Sandgear	1½" to 1' sand gear shown in relation to part outline elevation and plan of engine Endorsed: altered 27.6.50	-	-	-	J20/1	P	354	
Att									
21969	Six Wheels Coupled Superheated Coal Engines D81 Class-Rod, Pine and Clothing Arrangement	1½" to 1' side elevation, end and sectional elevation and plan of engine	- .3.19	1919	D81	J20	BP	355	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Class-Rod, Pipe and Clothing Arrangement	Endorsed: alterations to leading end							
21970	Sets of Vacuum Brake Pipes, etc.	Schedule of 21 types of pipe with sketches My note: drawing divided into 3 separate panels	- .3.19	1919	K86	N7	P	354	
21971	Six Wheels Coupled Coal Engines D81 Class-Rod, Pipe and Clothing Details	Full size details of numerous components Endorsed: altered c.1940 to suit boilers to diagram 25A	- .4.19	1919	D81	J20	P	355	
21978	Six Wheels Coupled Radial Tank Engines Class K85-Boiler	1 ½" to 1' arrangement of boiler with sections and 6" to 1' details of riveting Endorsed: for fusible plug detail see Dg No 24193	- .9.20	1920	K85	N7	P	355	
21980	Six Wheels Coupled Radial Tank Engines Class K85-Smokebox	Sectional side and end elevations of smokebox with key to detailed drawings Endorsed: for smokebox for engines Class K89 see Attachment; altered 15.4.21 and 21.1.38	4.12.20	1920	K86	N7	P	354	
21989	Workshop Repair Train-Officers and Stores Van-Fastening for Bunk	3" to 1' arrangement of bunk and full size details of fastening	6.6.18	1918	-	-	P	230	-
21993	Spring Stop for Steel Framed Wagons	3" to 1' and full size details of 5" deep pressed steel stop mounted on frame Endorsed: existing wagons to be altered to this where necessary	- .6.18	1918	-	-	P	230	-
21994	Workshop Repair Train for Overseas-Portable Stand for Motor Starter and Switch	1 ½" to 1' elevations of stand made of angle iron	17.6.18	1918	-	-	P	230	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21996	Bearing D.8.T for Axlebox 'X'	Full size elevations and plan of bearing to be used with keep P.9.T to Dg No 20558	19.6.18	1918	-	-	P	230	-
21997	First Class Saloon F80-Underframe Details (Steel and Ironwork)	1½" and 3" to 1' details of 56 components, tie rods, safety chains, etc.	4.7.18	1918	F80	34C	P	230	-
21999	Electric Lighting and Heating Details First Class Saloon F80	6" and 3" to 1' details of battery boxes and hangers	13.8.18	1918	F80	34C	P	230	-
22034	First Class Saloon-Details of Gates and Railing for Platform	3" to 1' details of components for railings on end of platform	10.7.18	1918	F80	34C	P	230	-
22045	Door Stop for Doors of 20 Ton Coal Wagons Fitted with 'Y' Axleboxes	3" to 1' arrangement of stop on door hinge above brake lever and full size detail of stop	2.7.18	1918	-	46W	P	230	-
22059	First Class Saloon F80-Arrangement and Details of Flaps and Controlling Gear	3" to 1' arrangement of hinged floor sections, levers to operate and full size details	2.8.18	1918	F80	34C	P	230	-
22068	First Class Saloon F80-Arrangement of Steps from Ballast to End Platform	3" to 1' arrangement of right hand and left hand fixed steps with 4 treads	9.8.18	1918	F80	34C	P	230	-
22071	Bending Moment Diagram Showing Proposed 2-6-0 Standard Goods Engine and Tender on 60Ft Span	Scales ¼" to 1', ¼" to 1 ton, 1" to 100 ton feet diagram and wheelbase	- .8.18	1918	-	-	P	241	-
22072	Arrangement of Water Tanks and Details of Cradles for First Class Saloon F80	3" to 1' details of 35 gallon tank in kitchen and 51 gallon tank in lavatory	- .8.18	1918	F80	34C	P	230	-
22074	Bearing Spring for Wagons	Full size elevations and plan of 7 plate spring 3'6" centres	9.8.18	1918	-	-	P	230	-
22078	Four Wheel Bogie for Carriages-Bolster Suspension Hanger	6" to 1' scale details of component, four per bogie Endorsed: Bogies with --- bolsters No 75 Ambulance Train; altered 1.11.18 My comment: part of endorsement defaced	16.8.18	1918	-	-	P	230	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22081	Adaptor for Outlet Pipes on Cold Water Tanks on Ambulance Trains	Full size section and plan of adaptor	22.8.18	1918	-	-	P	298	-
22082	Four Wheeled Bogie for Carriages-Bolster and Spring Beam Castings Classes G, H, I, K, L & M81	6" to 1' details of components Endorsed: altered 16.8.39	25.8.18	1918	-	-	P	298	-
22084	Ambulance Train for the U.S. Army-Diagram Showing Positions of WH Brake Pipes and Cylinders, Steam Heating Pipes, Dynamos and Accumulator Boxes and Hand Brake Columns	Unscaled diagram of 16 coach train showing location of named features	- .8.18	1918	-	-	P	298	-
22085	Arrangement of 4 Wheeled Bogie for Carriages	1½" to 1' elevations and plan of 8' wheelbase bogie with channel steel solebars	16.9.18	1918	-	-	P	299	-
22086	Frame Details of 4 Wheeled Bogie for Carriages G, H, I, K, L & M81	3" to 1' details of components Endorsed: altered 9.10.18, 22.10.18, 19.2.20 & 20.2.20	5.9.18	1918	-	-	P	298	-
22087	Details of Platework for 54Ft Steel Underframe for Carriages G, H, I, K, L & M81	1½" and 3" to 1' details of components	19.9.18	1918	-	-	P	299	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22088	Arrangement of Steel Underframe for 54Ft Carriages Classes G, H, I, K & M8I	1½" to 1' sectional side and end elevations and plan of frame showing construction and dynamo gear	-	1918	-	-	P	299	-
22089	Ambulance Train No 75-Arrangement of Brakework for Pharmacy Car and Personnel Car	1½" to 1' sectional elevations and plan of underframe showing brakework Endorsed: altered 17.8.18	5.9.18	1918	-	-	P	299	-
22090	Arrangement of Brakework for Ward Cars, Staff Car and Kitchen Cars	1" to 1' sectional side elevations and plan of frame showing gear	16.9.18	1918	-	-	P	299	-
22091	Ambulance Train No 75-Arrangement of Brakework on Brake and Stores Car and Brake and Infectious Car	1½" to 1' sectional elevations and plan of frame showing brakework	13.4.18	1918	-	-	P	298	-
22092	Ambulance Train No 75-Details of Brakework	3" to 1' details of numerous components Endorsed: part 8I added undated	20.9.18	1918	-	-	P	298	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22096	Proposed Van for the Conveyance of Bread for the Military	3/8" to 1' outline elevation, section and interior plan of 27' van converted from Fruit Vans EX stock	30.8.18	1918	-	46M	P	298	-
22099	Ambulance Train No 75-Arrangement and Details of Coal Box Beneath Underframe	1½" and 3" to 1' arrangement of coal box and full size details of fittings	- .9.18	1918	-	-	P	298	-
22110	Details of Electric Light Fittings on 54Ft Carriages G, H, I, K & M81 Classes	3" to 1' arrangement of battery box and 6" to 1' details of components	30.10.18	1918	-	-	P	299	-
22135	Field Marshall's Train-Proposed Ramp for Unloading Motor Cars off Carriage Trucks	1" to 1' elevation and plan of pair of 20'5" long ramps	31.10.18	1918	-	-	P	298	-
22191	Steam Brake Cylinder-Classes Y14, N31, F48, G58, E72	Full size arrangement of brake cylinder	- .12.18	1918	Y14 N31 F48 G58 E72	J15 J14 J16 J17 J18	CP	241	-
22199	Main Line Lavatory Carriages 54Ft-Arrangement and Details for Fixing Water Tank in Roof of Lavatories	3" to 1' elevations and plan and details of components	- .2.19	1919	-	-	CP	298	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22206	Six Wheels Coupled Goods Engines Class Y14, N31, Tank Engines Class C32, Mixed Traffic Class T26-Boiler	1½" to 1' elevations and sections of boiler and full size details of riveting Endorsed: amended 20.6.34 and 12.41	18.10.23	1923	Y14 N31 C32 T26	J15 J14 F3 E4	P	241	-
22251	Arrangement and Details of Steam Heating for 54Ft Main Line Brake Third	1" to 1' sectional elevations and plan of heaters 3" to 1' and full size details of fittings	- .11.19	1919	-	-	CI	298	-
22291	Duplex Pressure Gauge for Westinghouse Brake Main Air Reservoir	Full size elevations of gauge	6.5.19	1919	-	-	CP	241	-
22293	Six Wheels Coupled Superheater Goods Engines (Class D81)-Frame and Boiler Stay	3" to 1' and full size details of components	26.5.19	1919	D81	J20	CP	241	-
22298	Main Line Brake 3rd Class Carriage-Diagram of Writing Main Line Brake Third Class Carriages-Special Plate	(¾" to 1') outline side and end elevation of body showing writing and full size elevations of train following board	15.5.19	1919	-	-	CP	299	-
22301	Six Wheels Coupled Bogie Express Engines Class 1500-Westinghouse Steam Cock 5.13 1500 B12	Full size elevations and plan of cock	- .5.13	1913	S69	B12	CP	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22321	Main Line Brake Third Carriages-Rubber Cylinders and Pads	Full size details of 10 rubber components	- . -.19	1919	-	-	CP	299	-
22323	Six Wheels Coupled Express Engines Class 1500 Type B12 and Goods Engines Class D81-Tender Tank	1½" to 1' elevations and plan of tank Endorsed: altered for goods engines D81; drain pipe added 7.7.25	24.6.19	1919	S69 D81	B12 J20	P	241	-
22323	Six Wheels Coupled Express Engines Class 1500 Type B12 and Goods Engines Class D81-Tender Tank	1½" to 1' elevations and plan of tank Endorsed: altered for goods engines D81; drain pipe added 7.7.25	-	1917	S69 D81	B12 J20	BP	241	-
22326	Leading Sand Box for Six Coupled Bogie Express Engines 1500 Class	3" to 1' arrangement and full size details	- .1.20	1917	S69	B12	CP	241	-
22334	Steam Heating for Carriages-Arrangement of Pipes for Apparatus Fitted with High Pressure Valve	¼" to 1' interior arrangement of carriage showing valve positions and 3" to 1' details of pipework and apparatus	- .6.19	1919	-	-	CP	299	-
22345	Tenders Class 1500-Tender Tank Lid and Seating	6" to 1' details of components	- .7.17	1917	S69	B12	P	241	-
22348	Tenders Class Large Standard-Arrangement and Details of Water Pick Up Gear	3" to 1' arrangement of apparatus and 6" to 1' details of components	6.8.19	1919	-	-	P	241	-
22350	Six Wheels Coupled Bogie Express Engines Class 1500-Smokebox	3" to 1' sectional elevations of smokebox Endorsed: a renewal drawing	8.6.29	1929	-	B12	BP	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22369	Six Wheels Coupled Bogie Express Engines 1500 Class-Alteration in Position of 8In/8½In Air Compressor	1" to 1' part elevations and plan showing position of compressor and 3" to 1' details of a bracket	- .8.22	1922	S69	B12	BP	241	-
Att 2									
22377	Tenders-Pipe Details S69 Class (B12)	(6" to 1' and full size) details of components	- .11.19	1919	S69	B12	CP	241	-
22384	Engines and Tenders Class 1500-Details of Cupboards, Handrail Columns and Fire Iron Holders	Full size elevations of components Endorsed: altered 27.1.24 and 28.8.24	- .11.19	1919	S69	B12	CP	241	-
22423	Engines Working on East London Railway P55 Class-Additions and Alterations to Details of Trip Cock Gear	6" to 1' and full size details of components	- .1.20	1920	P55	F5	CP	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att									
22444	Road Vehicles-Arrangement of One Horse Van D&P7135	1½" to 1' elevations and plan of 4 wheel van 8'8" long with hoops to carry 1¾ tons	9.10.19	1919	D&P 7135	-	PL-C	383	
22444	Road Vehicles-Arrangement of One Horse Van D&P 7135	1½" to 1' general arrangement of 4 wheeled van 8'6" inside	- .10.19	1919	D&P 7135	-	PL-C	212	-
22451	Covered Goods Wagons-Joint of Door Pillar and Rail	6" to 1' elevations and section of assembly	- . .19	1919	-	-	CI	298	-
22462	Six Wheels Coupled Bogie Express Engines 1500 Class-Arrangement and Details of Gear for Ejecting Smokebox Ashes	1½" to 1' arrangement of gear full size details of components Endorsed: altered 25.6.20 and 6.4.22	- .11.09	1909	S69	B12	CP	241	-
22519	Dust Shield for Wagon Axlebox	Full size elevations My comment: illegible	- .11.19	1919	-	-	Cp	299	-
22535	Mid Suffolk Railway Engine No 1-Position of Brick Arch	3" to 1' elevation of firebox interior	28.11.19	1919	-	-	CP	241	-
22557	Four Wheels Coupled Bogie Tank Engines Class S44-Cylinder Covers	3" to 1' elevations and sections	- .1.20	1920	S44	G4	CP	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22592	Six Wheels Coupled Express Engines Class 1500-Relief Valve for Steam Heating	Full size details of valve	27.1.20	1920	S69	B12	P	241	-
22725	Bogie Suburban Second Class Carriage-Arrangement of Body with Iron or Steel Panels	¾" to 1' elevations and sections of 54' body with half plan of floor framing Endorsed: drawing date altered to 3.22	3.5.20	1920	-	300C	PL-C	383	
22725	Bogie Suburban Second Class Carriage-Arrangement of Body with Iron or Steel Panels	¾" to 1' general arrangement of 54' body with 10 compartments My note: this drawing was originally dated 3.5.20	- 3.22	1922	-	300C	PL-C	212	-
22789	Covered Goods Wagon-Fastening for Securing Folding Doors when Open	1" to 1' outline side elevation of van and full size details of fastenings	8.3.22	1922	-	72W	P	299	-
22805	Flanges of Engine Valve for Steam Heating for Engines Classes G69 and S56	Full size details of components	- 4.20	1920	G69 S56	F6 J69	CP	241	-
22811	Six Wheels Coupled Radial Tank Engines Class K85-Blast Pipe	6" to 1' elevations and sections of blast pipe	4.12.20	1920	K85	N7	P	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22816	Six Wheels Coupled Radial Tank Engines K85 Class (L77)-Arrangement of Injector Delivery into Dome	3" to 1' arrangement with full size details	- .7.20	1920	K85	N7	P	241	-
22819	Six Wheels Coupled Radial Tank Engines Class K85- Piston Valve Bushing for Piston Valve with Narrow Rings	Full size elevations and sections	15.10.20	1920	K85	N7	P	241	-
22876	Six Wheels Coupled Radial Tank Engines (Class K85)- Back Cab Windows	3" to 1' elevations of windows and full size details of components	7.12.20	1920	K85	N7	P	241	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22886	Six Wheels Coupled Bogie Express Engines Class 1500 and Super Coal Engines Class M27-Piston Valve Bracket with Narrow Ring and Spindle	Full size elevations Endorsed: for two part valve bushing see Dg No 23240 for narrow ringed piston valves	9.9.20	1920	S69	B12	P	241	-
23147	Six Wheels Coupled Radial Tank Engines Class K85- Brake Arrangement with 8In Stroke/8 1/2 In Air Compressor and No 4 Driver's Valve	1" to 1' arrangement of brake shown on outline elevations and plan of engine Endorsed: for details of angle plate stop see Dg No 22410 29.8.21; altered 7.2.21	2.11.20	1920	K85	N7	P	423	
23148	Six Wheels Coupled Radial Tank Engines Class K85- Brake Details	3" to 1' details of numerous components Endorsed: for angle plate stop on driving and intermediate brake cross beams see Dg No 22410	3.11.20	1920	K85	N7	P	423	
23149	Six Wheels Coupled Radial Tank Engines Class K85- Pipe Connections, Brackets, etc for Westinghouse Brake with 8In/8½In Air Compressor and No 4 Drivers Valve	3" and 6" to 1' details of components Endorsed: undated addition of covering for steam and oil pipes	2.11.20	1920	K85	N7	P	423	
23187	Proposed Protectors for Stone's Sight Feed Lubricators	Full size elevations and plan of protectors 4 and 2 pint lubricator	- .8.20	1920	-	-	P	423	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23199	Bearing AI, BI for Wagon Axleboxes AI and BI 8In x 3¾In Journals	Full size elevations and plan	11.9.20	1920	-	-	P	266	-
23199	Bearing AI, BI for Wagon Axleboxes AI and BI 8In x 3¾In Journals	Full size elevations and plan	11.9.20	1920	-	-	P	266	-
23200	Bearing Y for Wagon Axlebox Y 10In x 5In Journals	Full size elevations and plan	11.9.20	1920	-	-	P	266	-
23210	Six Wheels Coupled Tramway Engines (Class D85)-Arrangement and Details of Ashpan	3" to 1' elevations and plan of ashpan and full size details of fittings Endorsed: work to red 16.12.20	22.10.20	1920	D85	J70	P	423	
23230	Gas Reservoirs-Arrangement and Details for Filling and Connecting Reservoirs	1½" to 1' arrangement of tank ends and 6" to 1' details of components for twin reservoirs	14.10.20	1920	-	-	P	266	-
23240	Six Wheels Coupled Bogie Express Engines Class 1500-2-Part Valve Bushing for Piston Valves with Narrow Rings	Full size sectional elevations and development of steam ports on inside and outside of bushing Endorsed: addition to title 'and Super Coal Engines Class M87'	25.10.20	1920	S69	B12	P	423	
23269	Six Wheels Coupled Radial Tank Engines (Class K85)-Tank Sieve and Details	Full size sectional elevation and half plan sieve lid and securing handle and 3" to 1' section of sieve	8.12.20	1920	K85	N7	P	423	
23272	Arrangement and Details of Filling and Hydro Carbon Fittings on Travelling Gas Reservoir	1½" to 1' arrangement with full size details of brackets for Dg No 23270	- .1.21	1921	-	-	P	266	-
23278	Six Wheels Coupled Radial Tank Engines Class K85-Cast Iron Chimney Base and Hood	6" to 1' sectional elevations and plan of base Endorsed: for chimney and hood for engines class K86 see Dg No 23579 21.9.23	- .11.20	1920	K85	N7	P	422	
23285	Six Wheels Coupled Radial Tank Engines Classes L77, K85-Reversing Screw and Bracket	3" to 1' elevations and plan of bracket	8.12.20	1920	L77	N7	P	422	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23287	Six Wheels Coupled Radial Tank Engines Class K85- Chimney	6" to 1' elevation, sectional elevation and plan of chimney	18.12.20	1920	K85	N7	P	422	
23292	Six Wheels Coupled Tram Engines C53 Class- Connecting Rod	Full size sectional elevation, half plan and sectional half plan of rod and 6" to 1' elevation of complete rod Endorsed: altered 6.4.25	- .12.20	1920	C53	J70	P	422	
23312	Six Wheels Coupled Bogie Express Engines S69 Class- Cast Iron Steam Pipe Connection	Full size elevations and plan of pipe	29.12.20	1920	S69	B12	P	422	
23314	Weatherboard for Tenders Classes H14 and S23	1½" to 1' rear elevation and section of weatherboard with 3" and 6" to 1' and full size details of components Endorsed: altered 7.6.21 to add new support	- .1.21	1921	H14	-	P	422	
23334	Six Wheels Coupled Goods Engines Class F48 Class- Expansion Bracket for F48 Class Engines with Belpaire Boilers to Dg No 20771	6" to 1' elevations and plan of bracket and full size section showing fixing	- .1.21	1921	F48	J16	P	422	
23363	Six Wheels Coupled Radial Tank Engines K85 Class- 7/8" Westinghouse Steam Cock	Full size sections of cock and elevation of wheel Endorsed: altered to red 28.2.23; for K85 Class steam cock see Dg No 23149	- .2.21	1921	K85	N7	P	422	
23364	Six Wheels Coupled Goods Engines Class D81-Cast Iron Steam Pipe Connection	Full size elevations and plan of pipe connection	2.4.21	1921	D81	J20	P	422	
23365	Six Wheels Coupled Goods Engines Class D72-Cast Iron Steam Pipe Connection	Full size elevations and plan of pipe connection	9.4.21	1921	E72	J18	P	422	
23367	Six Wheels Coupled Bogie Express Engines 5'3" Dia Boiler	1½" to 1' sectional elevations and plan of boiler with 6" to 1' details of riveted joints	- .2.21	1921	S69	B12	CP	421	
23367	Six Wheels Coupled Bogie Express Engines 5'3" Dia Boiler	1½" to 1' sectional elevations and plan of boiler with 6" to 1' details of riveted joints Endorsed: undated alteration for class S69	- .2.21	1921	S69	B12	P	421	
23373	Six Wheels Coupled Goods Engines F48 Class with Belpaire Boiler to Dg No 20771 -Frame and Boiler Stay	3" to 1' elevation and plan of stay in position and full size section of fixing	- .2.21	1921	F48	J16	P	422	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23412	Six Wheels Coupled Radial Tank Engines Class K85- Rod, Pipe and Clothing, Steam Heating and Detroit 5 Sight-Feed Lubricator Details	1½", 3" and 6" to 1' and full size details of numerous components Endorsed: altered 12.21	5.4.21	1921	K85	N7	P	421	
23425	Six Wheels Coupled Bogie Express Engines- Arrangement of Tubes for 5'3" Dia Boiler	6" to 1' sectional end elevation of tubeplate and smokebox	- .4.21	1921	S56	B12	CP	421	
23431	Six Wheels Coupled Radial Tank Engines Class K85- Protection Tubes for Oil Pipes in Smokebox	1½" to 1' arrangement of right hand steam pipe connection and details of components	16.4.21	1921	K85	N7	P	421	
23460	Six Coupled Bogie Express Engines Fitted with 5'3" Dia Boiler-Expansion Bracket	6" to 1' elevation and plan of bracket and full size section showing it in place	- .5.21	1921	D56	B12	CP	421	
23510	Six Wheels Coupled Goods Engines Class Y14- Position of 5½" Regulator in Dome	6" to 1' section and elevations and sectional plan showing arrangement	- .6.21	1921	Y14	J15	CP	421	
23513	Six Wheels Coupled Goods Engines Class Y14- Arrangement and Details of 'Superior' Tube Cleaner	1½" to 1' arrangement of apparatus shown on section of engine and full size elevation and section of union Endorsed: altered 2.9.21	- .6.21	1921	Y14	J15	CP	421	
23530	Built-Up Crank Axle for Goods Engines Class Y14	3" to 1' side and end elevation	- .7.21	1921	Y14	J15	P	421	
23601	Arrangement and Details of Alterations to Brakework for Yard Crane Engines (205 Class)	1½" to 1' arrangement of brakework and 6" to 1' details of components	- .12.21	1921	204	J92	P	421	
23617	Wakefield's Patent Mechanical Lubricator No 7 Pattern 4 Feeds ½ Gallon Fitted with Separate Adjustment for Each Feed	Full size sectional elevation and plan and section of combined check and test valve Endorsed: copy of C.C. Wakefield Ltd plan No L.220, revised 12.5.19	- .5.19	1919	-	-	BP	421	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23633	1000 Class Engines-Sand Rod on LH Side of Engine to be Altered as Shown in Chain Dotted Lines and Guide to be Added	(1" to 1') elevation of rod in relation to footplating	- .12.21	1921	L77	N7	P	421	
23717	Carriage Axlebox with Chain Roller Bearings	Full size sections and elevation of bearing for journal size 6 5/16" x 4" Copy of Chain Roller Bearing Co Ltd, Stockport Dg No R495	20.4.22	1922	-	-	PL-C	209	-
23739	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Dia Boiler-Blast Pipe	6" to 1' elevation and half plan Endorsed: work to chain dotted line for engines with exhaust injector 18.4.23	15.11.22	1922	D56	D16	P	420	
23742	Motor Lorries with Shefflex Chassis (30 & 40 Cwt) Arrangement of Body	1½" to 1' arrangement of bodies 11'8" and 13'2" long	1.7.22	1922	-	-	PL-C	209	-
23744	Four Wheels Coupled Bogie Express Engine Class 1900 Type D16 5'0" Dia Boiler	1½" to 1' elevations and sections of boiler with 6" to 1' details of riveting	- .7.22	1922	D56	D16	P	420	
23744	Four Wheels Coupled Bogie Express Engine Class 1900 Type D16 5'0" Dia Boiler	1½" to 1' elevations and sections of boiler with 6" to 1' details of riveting	- .7.22	1922	D56	D16	BP	420	
23784	Six Wheels Coupled Coal Engines M87 Class (D81)- Arrangement and Details of 'Detroit' Six Sight Feed Lubricator	Full size details of components and 1½" to 1' arrangement located in cab	- .7.22	1922	D81	J20	CP	420	
23826	Four Wheels Coupled Radial Tank Engines P55 Class- Arrangement of Gear on Engine to Work Auto Train	1½" to 1' part outline side and end elevations of cab and tank and part plan of frame showing arrangement of gear	1.12.22	1922	P55	F5	P	420	
23840	Engines with 5'3" Dia Boiler-Smokebox Arrangement	3" to 1' sectional side and end elevations of boiler	25.10.22	1922	S69	B12	CP	420	3
23843	Four Wheels Coupled Bogie Express Engines D56 Class with 5'0" Dia Boiler-Cab and Splashes	1½" to 1' elevations and plan of cab and splashes with section	5.12.22	1922	D56	B12	P	420	
23846	Four Wheels Coupled Express Engines Class 1900 with 5'0" Dia. Boiler-Boiler Stays	3" to 1' elevations and plans of 7 types of stay	22.11.22	1922	D56	D15	P	420	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23898	Four Wheels Coupled Express Engines Class H88-Frame	1½" to 1' elevations and plan of main frames, footplating and valance with wheels and boiler in outline	- .2.23	1923	H88	D15	PL	420	
23908	Four Wheels Coupled Bogie Express Engines 1900 Class with 5'0" Diar. Boiler 5½" Regulator	Full size sections and elevation of regulator and valve Endorsed: altered for new work 3.10.56; boilers to Dg No 29803 D14-16, J16-19 Types 2.11.31	10.1.23	1923	H88	D15	BP	420	
23963	Engines Working on East London Railway P55 Class-Arrangement and Details of Alterations to Trip Cock Gear	6" to 1' and full size details of components	13.2.23	1923	P55	F5	P	420	
23963	Engines Working on East London Railway P55 Class-Arrangement and Details of Further Alterations to Trip Cock Gear	6" to 1' and full size details of components	- .6.23	1923	P55	F5	P	420	
Att									
23995	Guard Conductor Trains-Arrangement of Side Steps	1½" & 3" to 1' elevations and plan showing retractable steps Endorsed: this drawing to supersede Dg No 23803	14.3.23	1923	-	-	CP	266	-
24048	Arrangement of Gangway for Guard Conductor Vehicles	3" to 1' arrangement of covered gangway between vehicles with use of iron step plates Endorsed: for details see Dg No 24049	- .4.23	1923	-	-	CP	265	-
24136	Carriage Axlebox F1	Full size elevations, sections and plan of 9" x 4" journal	4.10.23	1923	-	-	P	265	-
24179	Banana Van-Arrangement of Ventilator	3" to 1' elevations, section and plan of pair of vents in end of van	- .9.23	1923	-	85W	CP	265	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24211	Arrangement of Travelling Gas Reservoirs on Carriage Underframe	1" to 1' general arrangement of twin reservoir wagon on 26'5" underframe	-	1923	-	-	P	266	-
24212	Gas Reservoirs-Details of Ironwork and Platework	1½" & 3" to 1' details of components Endorsed: for Dg No 23211	30.9.20	1920	-	-	P	266	-
24214	Two Fold Vestibule Diaphragm	1½" to 1' elevation and full size section of folds Copy of Doncaster Dg No 3235N dated 9.7.20	17.3.24	1924	-	-	BP	266	-
24216	Coupler Release Spring	Full size details of spring Copy of Doncaster Dg No 3507N dated 16.6.21	17.3.24	1924	-	-	BP	266	-
24217	Helical Spring	3" to 1' details of 1'2" spring Copy of Doncaster Dg No 1296N dated 7.2.11	17.3.24	1924	-	-	BP	266	-
24219	Drawbar Hook for Buckeye Automatic Coupler	Full size elevations and plan Copy of Doncaster Dg No 1970 dated 30.1.14	24.1.24	1924	-	-	BP	266	-
24221	Details for Automatic Coupler and Vestibule	3" & 6" to 1' and full size elevations and plans shown on composite drawing comprising: 1. Headstock Bracket 2. Carrying Iron R & L 3. Buffer Stem Bracket L.H. 4. Buffer Stem Bracket R.H. 5. Vestibule Buffer 6. Diaphragm Faceplate 7. Piston Rod Bushing 8. Piston Rod Socket 9. Post Sockets Copy of Doncaster Dg No 3261N dated 19.10.20	- .3.23	1923	-	-	BP	265	-
24222	Details for Automatic Coupler and Vestibule	3" & 6" to 1' and full size details of 30 components Copy of Doncaster Dg No 3287N dated 12.11.20	17.3.24	1924	-	-	BP	265	-
24224	Automatic Carriage Coupler Details	Full size details of 4 components Copy of Doncaster Dg No 3257N undated	17.3.24	1924	-	-	BP	265	-
24277	Bearing for Carriage Axlebox F1	Full size elevations, sections and plan	7.11.23	1923	-	-	P	266	-
24410	12 Tons High Sided Wagon 17Ft 6Ins by 8Ft 0Ins Wide	1½" to 1' general arrangement of 6 plank open wagon 3'5" deep Copy of Doncaster Dg No 3476N dated 10.6.21	29.1.24	1924	-	-	BP	266	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24423	Four Wheeled Carriage Bogie with Pressed Steel Frame, Outside Solebars and Compound Bolsters 8Ft 6Ins Wheelbase to Carry 12 Tons on Pivot	3" to 1' elevations, sections and plan of bogie Copy of Doncaster Dg No - dated 19.7.11	11.5.25	1925	-	-	BP	265	-
24533	Details of Standard Electric Light Coupler	Full size copies of Dg Nos 198, 199 & 200 and written specification issued by RCH 12.26 showing details of components My comment: four lithographed pages mounted onto cartridge paper	- .12.26	1926	-	-	-	248	-
24583	Details for Standard 57Ft 0Ins Steel Underframe	3" to 1' details of components Endorsed: copy of Doncaster Dg No 1528 dated 1.3.12	1.9.24	1924	-	-	BP-L	248	-
24596	Ambulance Box for Luggage Vans and Carriage Brakes	6" to 1' elevations and plan of box and schedule of contents superseded by Dg No 25932 13.2.26	17.9.23	1923	-	-	BP-M	451	2
24600	Brass Rack for Soiled Towels	Full size elevations and plan of brass rack Copy of Doncaster Dg No 2464A.N	15.10.25	1925	-	-	BP-L	451	2
24604-5	Valve Spindle Bush	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV25	-	1927	-	-	BP-C	382	
24731	Side Control Spring	Full size details of 4¾" spring Copy of Doncaster Dg No 1372 dated 21.6.11	24.1.24	1924	-	-	BP	266	-
24732	Carriage Buffer for Steel Underframes Vestibule Stock	6" to 1' elevations with full size details Copy of Doncaster Dg No 4294 revised 15.1.24	24.1.24	1924	-	-	BP	266	-
24733	Carriage Buffer Spring	6" to 1' arrangement of spring Copy of Doncaster Dg No 4334 dated 28.5.23	24.1.24	1924	-	-	BP	266	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24736	Buffer Stem Spring for Pullman Vestibule	3" to 1' details of 1'8" long spring Copy of Doncaster Dg No 3698N dated 22.12.21	17.3.24	1924	-	-	BP	266	-
24737	Front Follower Plate Cast Steel (for Buckeye Drawgear with Spencer's I.R. Springs No 663)	6" to 1' elevations and plan Copy of Doncaster Dg No 4270N dated 18.4.23	17.3.24	1924	-	-	BP	266	-
24738	Back Follower Plate Cast Steel (for Buckeye Drawgear with Spencer's I.R. Springs No 663)	6" to 1' elevations and plan Copy of Doncaster Dg No 4271N dated 18.4.23	17.3.24	1924	-	-	BP	266	-
24740	Details and List of Articles for Buckeye Draw Gear with Spencer's I.R. Springs No 663	3" to 1' details of components and list of quantities required Copy of Doncaster Dg No 4292N dated 23.4.23	17.3.24	1924	-	-	BP	266	-
24741	Carriage Buffer for Steel Underframes Vestibule Stock	6" to 1' elevations and plan of buffer in relation to framing	24.1.24	1924	-	-	BP	265	-
24742	Vestibule Piston Rod Guide Bracket (Malleable Cast Iron) R & L	Full size details of components Copy of Doncaster Dg No 3217N revised 25.5.26	26.5.26	1926	-	-	BP	265	-
24743	Standard Arrangement of Buckeye Buffing and Drawgear for 60Ft 0Ins Steel Carriage Underframes	3" to 1' elevations, sections and plan of gear Copy of Doncaster Dg No 4390N dated 29.6.25	7.11.25	1925	-	-	BP	265	-
24743	Standard Arrangement of Buckeye Buffing and Drawgear for 60Ft 0Ins Steel Carriage Underframes	3" to 1' elevations, sections and plan of gear Copy of Doncaster Dg No 4390N dated 29.6.25	7.11.25	1925	-	-	BP	265	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24744	Carriage Buffer Plunger C.S.	Full size section and plan of 1'5/4" plunger Copy of Doncaster Dg No 4283N	20.4.23	1923					
	Carriage Buffer Socket C.S.	6" to 1' section and elevation Copy of Doncaster Dg No 4284N	21.4.23	1923					
	Carriage Buffer Rod Guide C.S. Right and Left Hand	6" to 1' elevations, sections and plan of left hand guide Copy of Doncaster Dg No 4285N	23.4.23	1923	-	-	BP	265	-
	Carriage Buffer Washer (Front) C.S.	Full size elevation and section Copy of Doncaster Dg No 4286N	23.4.23	1923					
	Carriage Buffer Washer (Back) C.S.	Full size elevation and section Copy of Doncaster Dg No 4287N	23.4.23	1923					
24785	Details Required for Pullman Vestibule and Buckeye Coupler	3" to 1' details of components Copy of Doncaster Dg No 4319N revised 25.5.26	26.5.26	1926	-	-	BP	266	-
24813	Transformation du wagon anglais convert de 20T a guerite (chassis en fee) eu vue sou admission sur les chemins de fer anglais. Ensembles du wagon, avant et apres transformation	1 to 20 scale general arrangement of 25' covered van, 13'3" wheelbase, before and after modification. My comment: Belgian State Railways plan.	15.9.24	1924	-	-	BP	266	-
24879	Sections of Van for Standard Carriage 9Ft Wide	3" to 1' sections of body and doors Copy of Darlington Dg No 12059D	26.3.24	1924	-	-	BP	265	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24880	Arrangement of Doors for Standard Carriage 8Ft 9Ins Over Doors	3" to 1' elevations and section of door with full size details Copy of Doncaster Dg No 12077D	28.3.24	1924	-	-	BP	265	-
24881	Sections and Guards Door for Standard Vans 8Ft 6¾Ins Wide	3" to 1' sections of body and doors and elevation of door Copy of Darlington Dg No 12096D	28.3.24	1924	-	-	BP	265	-
24882	Sections and Pillars for Standard Carriages 8Ft 9Ins Wide	3" to 1' sections of body and panels Copy of Darlington Dg No 12075D	28.3.24	1924	-	-	BP	265	-
24883	Sections and Pillars for Standard Carriages 9Ft 0Ins Wide	3" to 1' sections of body, doors and panels	28.3.24	1924	-	-	BP	265	-
24992	Wagon Label Clip-Parker's Type	Full size elevations and plan of clip Copy of Cowlairs Dg No B2253 dated 13.5.24	15.9.24	1924	-	-	BP	266	-
25111	Details of Brass Work for Suburban Quadruple Carriages	Full size details of 17 components, including door hinges, garnish rail plates, drop light channel and recess plates Copy of Doncaster Dg No 3256N, a composite of 17 separate Doncaster drawings	4.3.31	1931	-	-	BP	403	-
25152	8Ft 0Ins Wheelbase Bogie 10" x 5" Journals 6'6" Centres	3" to 1' elevations, sections and half plan of bogie for outer articulated and twin carriages Copy of Doncaster Dg No 4844N	10.7.24	1924	-	-	BP	403	-
25191	Hair Mat	Full size plan of mat 2'6" wide marked LNER with schedule of dimensions for various sizes Endorsed: altered 10.10.30 Copy of Doncaster Dg No 4192N	3.12.23	1923	-	-	BP	451	2
25201	Standard Carriages-Double Acting Ventilator Light Under Cant Rail	Full size elevations, section and plan and details of components Copy of Darlington Dg No 12260D	7.11.24	1924	-	-	BP-M	451	2
25202	Diagram of Wiring and fuses for First Class	Unscaled arrangement of wiring Copy of Doncaster Dg No 4982N	9.10.24	1924	-	-	BP-M	451	2

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25202	Restaurant Car	Endorsed: for general arrangement see Dg No 4773N	7.10.24	1924	-	-	BP-M	451	2
25203	Wiring Diagram for First Class Non-Vestibule Gen Drg 12213D	¾" to 1' interior plan and plan of underframe showing position of lighting, accumulators, etc. and full size details of cornice Endorsed: copy of Dg No 12251D	7.11.24	1924	-	-	BP	213	-
25301	Arrangement of Cab for AEC 4 Ton Motor Lorry	1½" to 1' elevations and plan of cab shown on outline of chassis for lorries built previous to 31.12.25; for those after see tracing same number dated 18.12.25	1.12.24	1924	-	-	P	403	-
25318	Details of Drilling for Steel Underframe 55Ft 5 ¼" over Headstocks	1", 1 ½" and 3" to 1' details of various components Copy of Doncaster Dg No 3309N	23.11.20	1920	-	-	BP-m	451	2
25319	New Drilling and Details Required for Steel Underframes with Electric Light Instead of gas Equipment Dg Nos 2572, 2887, 4010 and 4011 for Suburban Quadruple Trains	1 ½" and 3" to 1' details of components and position of holes Copy of Doncaster Dg No 4358N	15.6.27	1927	-	-	BP-M	451	2
25321	Details of Four 42Ft 10 ¾" Steel Underframes	3" to 1' details of 8 components and schedule 61 article Copy of Doncaster Dg No 1920N	20.11.13	1913	-	-	BP-C	451	2
25336	51Ft 0Ins Steel Underframe Non Vestibule	1½" to 1' elevation, plan and section of bulb angle underframe Copy of Darlington Dg No 12183D	15.10.24	1924	-	-	BP	403	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25356	Arrangement of Pipes and Details of Clips for 51Ft 0Ins Steel Underframe (Non Vestibule)	¾" to 1' outline elevation and plan of underframe with 3" to 1' details of clips and section of frame showing step boards Copy of Darlington Dg No 12316D Endorsed: altered 23.6.25	16.12.24	1924	-	-	BP	403	
25378	12 Ton Sleeper Wagon-Arrangement of Steel Underframe	1½" to 1' elevations and plan of 19'8" underframe with 10'6" wheelbase	2.4.25	1925	-	-	PL-C	383	
25378	12 Ton Sleeper Wagon-Arrangement of Steel Underframe	1½" to 1' general arrangement of 22'8" underframe	2.4.25	1925	-	-	PL-C	212	-
25440	Arrangement of Writing on Sleeper Wagons	1½" to 1' outline side elevation of 19'0" 8 plank open wagon showing writing details My note: grey body, white writing, underframe black	5.6.25	1925	-	-	P	403	
25470	12 Ton Sleeper Wagon	1½" to 1' general arrangement of 8 plank 19' 8" open wagon 10'6" wheelbase Copy of Darlington Dg No 9899D	21.11.24	1924	-	-	BP	403	
25489	Corridor Van Third on 51Ft 0Ins Underframe	3/8" to 1' elevations of 3 compartment carriage body and interior plan Endorsed: altered 24.6.25 Copy of Darlington Dg No 12284	4.3.25	1925	-	-	BP	403	
25490	Corridor Third on 51Ft 0Ins Underframe	3/8" to 1' elevations of 7 compartment carriage body with toilet and interior plan Endorsed: altered 24.6.25 Copy of Darlington Dg No 12285	4.3.25	1925	-	-	BP	403	
25502	Harwich-Zeebrugge Train Ferry Service-Diagram Showing Maximum Amounts the Diameter of Buffer Heads could be Increased on 15/20 Ton Covered Wagons	3" to 1' end elevation and plan of wagon headstock, including side chains with proposed dimensions	- 5.25	1925	-	-	CP	403	
25519	Draw Gear for Suburban Stock	3" to 1' elevation and plan of drawgear and schedule of components Copy of Doncaster Dg No 5080N	12.1.25	1925	-	-	BP-C	451	2
25550	43Ft 4½Ins Steel Underframe for outer Bodies of Articulated Carriages (Non Vestibule)	1" to 1' elevations, plan and sections of bulb angle underframe Copy of Doncaster Dg No 4011	2.1.23	1923	-	-	BP	403	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Articulated Carriages (from vestibule)	Endorsed: altered to accommodate 8'6" wheelbase bogies in place of 8'0"							
25601	General Arrangement of Lentz Valve Gear for Six Coupled Coal Engine Class D81 L&NERly	3" to 1' sectional side elevation of cylinder, pistons and firebox front Copy of Lentz Patents Ltd, London Dg No SV2A	28.5.25	1925	D81	J20	BP-C	382	
25602	General Arrangement of Lentz Valve Gear for Six Coupled Coal Engine Class D81 L&NERly	3" to 1' front sectional elevation of cylinders, valves and bottom part of firebox Copy of Lentz Patents Ltd, London Dg No SV2B	28.5.25	1925	D81	J20	BP-C	382	
25603	Lentz Valve Box for L&NER Locomotive	3" to 1' elevations, sections and plan of valve box Copy of Lentz Patents Ltd, London Dg No SV4	7.11.24	1924	-	-	BP-C	382	
25603	Lentz Valve Box for L&NER Locomotive	3" to 1' elevations, sections and plan of valve box Copy of Lentz Patents Ltd, London Dg No SV4 My note: schedule varies from previous entry	7.11.24	1924	-	-	BP-C	382	
25604-1	Poppet Valve	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV5	24.11.27	1927	-	-	BP-C	382	
25604-2	Valve Guide	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV2	24.11.27	1927	-	-	BP-C	382	
25604-3	Valve Spindle Nut	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV23	24.11.27	1927	-	-	BP-C	382	
25604-4	Adjustable Valve Spindle	Full size elevation and section Copy of Lentz Patents Ltd, London Dg No SV24	24.11.27	1927	-	-	BP-C	382	
25604-4	Valve Box-Valve Spring Cap	Full size section and elevation Copy of Lentz Patents Ltd, London Dg No SV27	21.11.24	1924	-	-	BP-C	382	
25605-1	Valve Box-Steam Cam	Full size section and elevation Copy of Lentz Patents Ltd, London Dg No SV6	21.11.24	1924	-	-	BP-C	382	
25605-2	Valve Box-Exhaust Cam	Full size section and elevation Copy of Lentz Patents Ltd, London Dg No SV6A	21.11.24	1924	-	-	BP-C	382	
25605-3	Valve Box-Washer for Adjustable Vale Spindle	Full size details Copy of Lentz Patents Ltd, London Dg No SV26	21.11.24	1924	-	-	BP-C	382	
25606	Valve Cover	Full size section and elevation	15.11.24	1924	-	-	BP-C	382	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25606	Valve Cover	Copy of Lentz Patents Ltd, London Dg No SV7	5.11.24	1924	-	-	BP-C	382	
25607	Valve Box-Cam Space Cover	Full size sectional and end elevation Copy of Lentz Patents Ltd, London Dg No SV9	5.11.24	1924	-	-	BP-C	382	
25608	Valve Box-Outside Cam Shaft Bush	Full size sectional elevation and end elevation Copy of Lentz Patents Ltd, London Dg No SV10	5.11.24	1924	-	-	BP-C	382	
25609	Valve Box-Rocking Lever	Full size elevation and section of lever Copy of Lentz Patents Ltd, London Dg No SV17	4.11.24	1924	-	-	BP-C	382	
25610	Vale Box-Cam Shaft	Full size elevations Copy of Lentz Patents Ltd, London Dg No SV18	1.11.24	1924	-	-	BP-C	382	
25891	Cylinders with Lentz Valves Six Coupled Bogie Express Engine 1500 Class	3" to 1' elevations and sections of cylinders Copy of Lentz Patents Ltd, London Dg No SV95B Sheet 2 Endorsed: see also Dg No 25890	26.11.25	1925	-	B12	BP-C	382	
26483	0-6-2 Tank Engines N7 Type 1926 Cab Window (Hind)	3" to 1' rear elevation of cab and full size details of fittings Endorsed: copy of Dg No 15183C dated 7.7.26	- 8.26	1926	-	N7	BP-L	247	-
26513	Steam Heating Apparatus-Standard Carriages	3" to 1' arrangement of apparatus in compartment and 6" to 1' details of operating gear Copy of Darlington Dg No 12756	30.7.26	1926	-	-	BP	403	3
26526	Sectional Arrangement of Brake Compartment for Suburban Quadruple Carriages	1½" to 1' sections of compartment and fittings Copy of Doncaster Dg No 5178N	4.5.25	1925	-	-	BP	403	
26566	GE Section Wood Centre Wheel Arranged to Suit Standard Axle with 8" x 4" Journals	Full size section of axle and part of wheel	1.10.26	1926	-	-	BP	403	
26573	19Ft 3Ins Horsebox-Sections	1½" to 1' longitudinal and end sectional views of body and interior plan Copy of Darlington Dg No 1169D Endorsed: for elevations see Dg No 11168D	20.10.24	1924	-	-	BP	403	
26625	Pipe and Rod Arrangement-End Views	1½" to 1' front and rear elevations of engine Endorsed: copy of Darlington Dg No 9758 dated 16.4.21 for class P3 superheated J27; work to black for 12 engines sent to Southern Area 4.10.26	3.1.27	1927	-	J27	BP-L	247	-

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27107	Standard Wheel and Axle for 12 Tons High Sided Wagon	3" to 1' sectional elevation of 8 spoke wheel and complete wheel set with full size section of tyre Copy of Doncaster Dg No 3106N 14.12.19	- .12.19	1919	-	-	BL	451	2
27111	12 Tons Wagon Axle Box for use with Armstrong Oiler	Full size sections and part elevation of bottom part of axlebox for journal size 9" x 4 1/4" Endorsed: altered 29.1.32 Copy of Doncaster Dg No 5445N 22.1.26	- .1.26	1926	-	-	BL	451	2
27874	4-6-0 Engines Type B12-Rod, Pipe and Clothing, Injector Gear, Steam Heating and Sanding Arrangements	1 1/2" to 1' side and end elevations of engine and plan and section of framing	30.6.28	1928	-	B12	P	312	-
29034	GE Section Wagons to be Fitted with Morton Brake 15Ft and 17Ft Open, 16Ft 11In and 19Ft 3Ins Covered, 18Ft 7Ins and 19Ft 3Ins Cattle Wagons- Arrangement of Brake Block Hanger Brackets and Details of Brakework	1 1/2" and 3" to 1' details of 13 components	- .10.29	1929	-	-	BP	403	

Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29957	Cast Steel Axlebox for Standard 12 Ton Axle Journals 9" x 4 1/4"	Full size elevations, sections and plan of axlebox	2.5.31	1931	-	-	BP	403	
33971	Mouldings	1 1/2" to 1" details of strips and mouldings to secure boiler sheeting on 2-6-4T Nos 111-116 Copy of Sir W.G. Armstrong, Whitworth & Co Dg No 9443D/ Metropolitan Dg No 23674	-	-	-	L2	BP	451	3
34018	Boiler Seating	Full size sections and elevations of seating for 2-6-4T No 111-116 Copy of Sir W.G. Armstrong, Whitworth & Co Dg No 9427D/ Metropolitan Rly Dg No23651	-	-	-	L2	BP	451	3
40853	Ordnance Survey Sheet London 4.91	Scale 1/1056 Temple mills sidings and wagon repair shed My note: the LCC revised this sheet in 1938 but the railway detail is as published in 1896	31.1.38	1938	-	-	P	431	-

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I01LF	Title indecipherable	Subject indecipherable, possibly some form of arrangement relating to a locomotive	-	-	-	-	CP	456	4
I04LF	Holden's Patent Liquid Fuel Injector	Full size elevations and section of injector Endorsed: John Dewrance Engineers	12.2.89	1889	-	-	CP	455	3
I06LF	Apparatus for Using Liquid Fuel on Locomotive Engines	1" to 1' sectional side elevation, end elevation into cab and plan of a 2-2-2 engine showing the arrangement of the equipment and 6" to 1' section of the tar injector My comment: presentation standard	-	-	-	-	CI-C	455	1
I07LF	Connection for Fuel Pipe between Engine and Tender	Full size elevation and plan for flexible connection My comment: also shown on Office Copy Dg No 18193	18.2.89	1889	-	-	CP	457	2
I10LF	Details of Gear for Working Tar Valves 193 Engine	Full size details of components	8.3.89	1889	135	-	CP	455	3
I10LF Part	Tee Piece for Tar Pipes	Full size details of tee piece	12.3.89	1889			CP		
I10LF	Details of Gear for Working Tar Valves 759 Engine	Full size details of various components	11.11.89	1889	T19	-	CP	457	3
I11LF	Arrangement of Tar Valves and Pipes 193 Engine	3" to 1' elevations and plan of equipment on locomotive firebox	9.3.89	1889	135	-	CP	457	3
I12LF	Details of Joint-Filling Pipe for Tar Tank	Full size section and elevation	27.2.89	1889	-	-	CP	457	3
	Arrangement and Details of Pipe for Tan Tank	1½" to 1' arrangement of outlet from fixed tank via a swing arm for filling tender tanks and 3" to 1' details of the fittings	1.3.89	1889					
I13LF	Filler and Manhole for Tar Tank 193 Engine	3" to 1' elevations and sections of manhole, not fully dimensioned	14.3.89	1889	135	-	TI-C	455	3
I14LF	Fire Door for Vertical Boiler-Wagon Department	Full size elevation and section of oval fire door 1' 3¼" x 1' 1¼"	22.3.89	1889	-	-	CP	455	3

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I16LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent on Marine Boilers	1" to 1' arrangement of equipment on a pair of boilers and connections to fuel tank and a table of references for components	-	-	-	-	CP	457	3
I17LF	Tar Valve	Full size section and elevation of valve	7.4.89	1889	-	-	CP	455	3
I19LF	Apparatus for Burning Liquid Fuel on Locomotives-Holden's Patent	1" to 1' part sectional side elevation and plan of 0-4-4T and elevation of firebox end showing equipment and table of reference for fittings	-	-	135	-	CP	457	3
I20LF	Sketch of Liquid Fuel Tank for NER Locomotive	1½" to 1' elevation and plan of 200 gallon capacity tank and 3" to 1' details of manhole cover with filling hole and air inlet	-	-	-	-	CI	455	3
I20LF	Vertical Arrangement of Liquid Fuel Injectors-Holden's Patent	Full size elevations and sections of injectors and nozzles	-	-	-	-	CP	457	3
I22LF	Untitled	Unscaled arrangement of the application of Holden's liquid fuel apparatus on a Yarrow boiler My note: appears to be unfinished	-	-	-	-	CP	457	3
I22LF	Arrangement of Fuel Oil Apparatus-Holden's Patent on Vertical Boiler	3" to 1' sectional elevation of vertical boiler and elevation showing arrangement of equipment	-	-	-	-	CP	457	3
I23LF	Manhole with Filling Hole and Air Inlet for Fuel Tank-Holden's Patent Liquid Fuel Apparatus	3" to 1' arrangement of apparatus and full size section of air inlet	-	-	-	-	CP	456	3
I24LF	Tank for Liquid Fuel Goods Engine Y14 Class	1½" to 1' elevations and plan of rectangular tank capacity 500 gallons Endorsed: order LM251	- 6.89	1889	Y14	J15	CP	456	2
I29LF	Cover for Filling Hole Liquid Fuel Tank	3" to 1' section and plan of cover and securing clip	- 7.89	1889	-	-	CP	456	3
I31LF	Arrangement for Burning Liquid Fuel in Six Wheel Coupled Tank Locomotive	1" to 1' sectional side elevation, end elevation into cab and plan of a 0-6-0 engine showing the arrangement of the equipment and 6" to 1' section of the tar injector My comment: presentation standard	-	-	-	-	C-IC	455	1

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
I31LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent on Six Wheels Goods Engines	1" to 1' sectional elevations and plan of firebox showing equipment	30.7.89	1889	-	-	CP	456	3
I32LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent on Boiler of Paddle Steamer Middlesex	1½" to 1' end elevation of boiler showing twin fireboxes and details of the fuel injectors and a reference schedule to components My note: the Middlesex was one of three boats working the Woolwich Ferry and owned by the GER	-	-	-	-	CP	456	3
I32LF	Untitled	Unscaled arrangement of the application of liquid fuel apparatus to a series of vertical boilers	-	-	-	-	CP	456	3
I40LF	Arrangement of Liquid Fuel Apparatus Holden's Patent on Galloway Boiler using Waste Heat from Coke Ovens	3/8" to 1' end elevation of boiler and sectional view and table of fittings My note: appears to be unfinished	12.2.90	1890	-	-	CP	456	3
I40LF	Apparatus for Using Liquid Fuel	1" to 1' sectional side elevation and plan, end elevation of a stationary boiler showing application of liquid fuel apparatus	-	1890	-	-	C-IC	456	1
I42LF	Untitled	(3" to 1') elevations of two tanks mounted onto two 2' dia iron wheels, possibly a mobile fire raiser or small forge	-	-	-	-	CP	316	3
I45LF	Untitled	Unscaled sectional view of kiln or furnace equipped with liquid fuel apparatus	-	-	-	-	CP	318	3
I48ALF	Untitled	(Full size) exterior elevation of inlet valve	-	-	-	-	CP	318	3
I48BLF	Untitled	(Full size) unfinished elevation of a valve	-	-	-	-	CP	318	2
I48CLF	Untitled	(Full size) sectional side and end elevation of tee piece and valve	-	-	-	-	CP	318	3
I48DFL	Untitled	(Full size) sectional elevation of an ejector valve for liquid fuel	-	-	-	-	CP	318	2
I48ELF	Untitled	Full size) section of valve for inlet of air and fuel	-	-	-	-	CP	316	3
I48FLF	Tar Injector	Full size sections and plan of injector	-	-	-	-	CP	318	3

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
148LF	Untitled	(Full size) exterior elevation of two valves, unfinished drawing	-	-	-	-	CP	319	3
151LF	Liquid Fuel Burning Apparatus-Holden's Patent-Air Inlet and Warmer Outlet for LF Tank	Full size elevations, section and plan of outlet	-	-	-	-	CP	316	3
153LF	Patent Liquid Injector and Air Ejector	Full size elevations and sectional plan of fittings	- .1.91	1891	-	-	CP	316	3
154LF	Untitled	Unfinished arrangement for oil fuel apparatus on an engine footplate showing elevations and plan of apparatus	-	-	-	-	CP	316	3
166LF	Arrangement for Adjusting LF Valves on Locomotives 760 Class	6" to 1' elevations and plan of valves fitted either side of the firebox door	2.9.92	1892	T19	-	CI	316	3
169LF	Method of Fixing Tubes and Ferrules in Firebox for Liquid Fuel Apparatus	Full size sections of tubes in firebox	20.6.90	1890	-	-	CI-C	316	3

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
170LF	Four Way Piece and Tee Piece for Liquid Fuel Burning Locomotives	Full size sections of pieces	29.6.92	1892	-	-	CP	316	3
172LF	Manhole and Cover for Cylindrical Liquid Fuel Tanks	Full size elevations and plan of manhole and cover	8.8.92	1892	-	-	CP	316	3
174LF	Arrangement for Liquid Fuel Valves on Locomotive 760 Class	6" to 1' elevations, section and plan of valves	3.11.91	1891	T19	-	CP	315	3
176LF	Brake Shaft for Tar Tanks	3" to 1' elevations of shaft	7.11.92	1892	-	-	CP	316	3
178LF	Details of Adjustment of LF Valves on Locomotives 760 Class	Full size details of components	29.8.92	1892	T19	-	CI	315	2
180LF	Untitled	Full size) sections of liquid fuel gauge	-	-	-	-	CP	315	3

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
183LF	Storage Tanks for Liquid Fuel Jubilee Shed Sidings	1" to 1' details of tanks	17.5.93	1893	-	-	CP	315	4
185LF	Stop Cock for Liquid Fuel Storage Tanks	Full size sections and plan of stopcocks	2.6.93	1893	-	-	CP	315	3
186LF	Arrangement of Details of Filling Pipe for Tar Tanks	1½" to 1' arrangement of filling pipe attached to stationary tank; 3" to 1' details of fittings	11.9.93	1893	-	-	CP	315	3
187LF	Guys for Columns for Tar Tank Jubilee Shed Sidings	¾" to 1' arrangement of guys and 6" to 1' and full size details of fittings	4.10.93	1893	-	-	CP	315	3
188LF	Proposed Arrangement for Heating Liquid Fuel Tanks	½" to 1' sectional elevation of elevated and underground tanks at Stratford and plan of heating pipes and position of two pumps	-	-	-	-	CP	315	3
189LF	General Arrangement of Hot Air Pipes for Liquid Fuel Injectors on Four Wheels Coupled Express Locomotive No 761	1" to 1' outline section of engine showing arrangement of equipment and plan	11.10.93	1893	T19	-	CP	315	3

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
190LF	Sketch Showing Valve Arrangement Anglo American Oil Waggon	1½" to 1' outline side and end elevations of wood framed tank wagon 18'0" over headstocks, 9'0" wheelbase showing detail of valve	23.12.93	1893	-	-	CI-C	319	2
191LF	Liquid Fuel Tanks for Standard Tenders Capacity 600 Gallons	1½" to 1' side and end elevation and plan of tender tanks with details of round fuel tanks	14.2.94	1894	-	-	CP	315	1
193LF	Alternative Schemes for Liquid Fuel Tanks for Stationary Boilers	¾" to 1' outline elevations; scheme 1 for cylindrical tank capacity 980 gallons, scheme 2 for rectangular tank capacity 1,080 gallons	31.1.94	1894	-	-	CP	317	3
195LF	Liquid Fuel Feed Cock	Full size elevations	7.6.94	1894	-	-	CP	318	3
196LF	Air Heating Apparatus in Smokebox of Six Coupled Goods Engine No 661	(3" to 1') sectional elevations showing arrangement of apparatus	20.6.94	1894	-	-	CP	317	3
197LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Water Tube Boiler	3" to 1' section, plan and elevation of apparatus	28.6.94	1894	-	-	CP	317	3
197LF	Untitled	(1" to 1') apparatus applied to a pair of stationary boilers	-	-	-	-	CP	317	3

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
197ALF	Untitled	Unscaled end elevation of liquid fuel apparatus fitted to a stationary or marine boiler	-	-	-	-	CP	319	3
197BLF	Untitled	Unscaled sectional side and end elevation of oil fired apparatus applied to a very large stationary boiler	-	-	-	-	CP	318	2
199LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Water Tube Boiler	1½" to 1' sectional elevations of apparatus	18.7.94	1894	-	-	CP	319	4
201LF	Title indecipherable	General arrangement of a oil tank wagon utilising a standard 15' steel wagon underframe showing elevations and sections, half plan of tank and underframe	-	-	-	-	CP	456	4
201LF	Liquid Fuel Tank	1½" to 1' general arrangement of steel framed cylindrical fuel tank 6'1½" diameter, 15' over headstocks, 9'0" wheelbase Endorsed: capacity of tank 2,500 gallons	31.8.94	1894	-	-	CI	319	2
203LF	Door for Liquid Fuel Storage Boiler	6" to 1' elevations of rectangular door	28.9.94	1894	-	-	CP	317	3
204LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Vertical Boiler for L&Y Railway	(1" to 1') sectional elevation and plan showing position of inlet valve and controls	4.10.94	1894	-	-	CP	318	3

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
205LF	Apparatus for Burning Liquid Fuel-Holden' Patent- Applied to Furnace for Melting Brass	3" to 1' sectional elevations and plan of apparatus	9.11.94	1894	-	-	CP	317	3
208LF	Untitled	1/4" to 1' elevation and plan of liquid fuel installation at Stratford, with stationary engine and pumping apparatus	-	-	-	-	CP	319	3
209LF	Liquid Fuel Burning Apparatus-Holden's Patent- Standard Steam Fitting (Large) for Two Injectors	Full size elevations of fitting	- .1.95	1895	-	-	CI	317	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
211LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Boiler Burning Liquid Fuel without Coal	1½" to 1' sections and elevations showing apparatus fitted to a stationary boiler	3.1.95	1895	-	-	CP	319	3
213LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Stationary Boiler (Loco Type)	1½" to 1' sectional elevations and plan of apparatus fitted to firebox	-	-	-	-	CP	317	2
220LF	Untitled	(1" to 1') outline side and end elevations and plan of a 2-6-0 overseas locomotive with cow catcher with details of oil burning apparatus	-	-	-	-	CP	317	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
224LF	Liquid Fuel Burning Apparatus-Holden's Patent- Applied to an Express Locomotive for the Pennsylvania R Rd	1" to 1' sectional side elevation of 4-4-0 engine and tender and plan with details of the apparatus	-	-	-	-	CP	317	2
224LF	Pipe Rack for Liquid Fuel Tanks Stay and Clip for Liquid Fuel Tank	3" to 1' elevations of fittings Full size details of fittings My comment: two separate titles	24.1.94	1894	-	-	CP	319	3
226LF	Apparatus for Burning Liquid Fuel-Holden's Patent- Fitted to 85 HP Hornsby Water Tube Boiler Type B	1 1/2" to 1' elevation of boiler showing apparatus and firehole doors	3.4.95	1895	-	-	CP	318	3
227LF	Combined Heater and Strainer for Liquid Fuel	Full size elevations, sections and plan of strainer	27.1.97	1897	-	-	CP	316	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
230LF	Number Plates for Liquid Fuel Tanks	Full size elevation and sectional end elevation of plate 20" x 9" inscribed 'GER Tar Tank No 20' and details of remaining numerals Endorsed: plates to be numbers 20 to 30 inclusive, two to each number per set	15.5.95	1895	-	-	CP	319	3
235LF	Cleaner for 2 1/4" 'Serve' Tubes	Full size details	31.5.95	1895	-	-	CP	319	3
237LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Applied to Brewing Copper	1" to 1' cross section and elevation of furnace front, longitudinal section of furnace and plan	-	-	-	-	CP	319	3
239LF	Details of Joint-Filling Pipe at Liquid Fuel Storage	Full size sectional elevations of joint	9.8.95	1895	-	-	CP	319	3
242LF	Fitted to Small Marine Boiler (for Mr Lepper's Yacht)	(3" to 1') end elevation of boiler and sectional side elevation showing apparatus My comment: torn but no loss	12.12.95	1895	-	-	CP	319	3
243LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Hinge Joint-Liquid Fuel and Steam Supply to Injectors	Full size sectional side elevation of joint	2.1.96	1896	-	-	CP	319	3
245LF	Untitled	Unscaled elevation of oil fuel apparatus fitted to stationary plant My comment: some tears	-	-	-	-	CP	319	3

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
251LF	Untitled	1" to 1' sectional side elevation, end elevations and plan of a tender body showing an oil fuel tank and connections leading to footplate My note: drawing unfinished	-	-	-	-	CP	424	3
252LF	Cover for Liquid Fuel Tanks for 1009 Engine and Future Engines with Cylindrical Tanks	Full size sections of cover and plan	1.4.96	1896	D27	-	CP	424	2
253LF	New High Level Tanks at Liquid Fuel Store	1" to 1' elevation of cylindrical tank 30' long. 6" to 1' and full size details of riveted joints for store at Stratford Endorsed: ends of tank to Dg No 9088	-	-	-	-	CP	424	2
254LF	Supports for High Level Tanks-New Liquid Fuel Store	1" to 1' side and end elevations of cast iron columns and bracing and 3" to 1' details of brackets and fixings for store at Stratford	-	-	-	-	CP	424	2
255LF	Untitled	My note: drawing totally illegible	-	-	-	-	CP	424	4
256LF	4 Inch Stop Valve New Liquid Fuel Storage	Full size sections and plan of valve for store at Stratford Endorsed: three to this complete LM1852, 3 to LM1896	22.6.96	1896	-	-	CP	424	2
258LF	New Liquid Fuel Storage Four Way Piece for Delivery	Full size side and end elevations of delivery piece to connect to 4" inside diameter pipe for store at Stratford	9.6.96	1896	-	-	CP	424	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: 2 to this LM1852							
259LF	Holden's Patent Liquid Fuel Injector Small Pattern	Full size elevations and sections of injector	10.7.96	1896	-	-	CP	424	2
261LF	Details of Bridge Connecting Tanks New Liquid Fuel Storage	1 ½" to 1' elevations and plan of bridge with full size details of brackets and angle iron standards for store at Stratford	7.8.96	1896	-	-	CP	424	2
266LF	Expansion Brackets for Liquid Fuel Tanks	Full size elevation and plan of bracket to LM1852	1.9.96	1896	-	-	CP	424	2
269LF	New Liquid Fuel Storage-Hood for Ventilating Pipes	Full size section of hood for store at Stratford	23.9.96	1896	-	-	CP	424	2
270LF	Untitled	Full size part plan of a bank of 3 liquid fuel cylinders with valve showing pulleys to LM1926 for store at Stratford	20.5.97	1897	-	-	CP	424	2
270LF	Untitled	Arrangement of connections to a bank of 3 liquid fuel cylinders with supports and brackets for delivery pipes for store at Stratford My note: drawing is different to 270LF above	-	-	-	-	CP	424	2
271LF	Bridge Over Water Course Liquid Fuel Storage	1" to 1' elevation, plan and sectional end elevation of bridge supporting two oil pipes and 3" to 1' details of supports for store at Stratford My note: a SDO drawing	- .10.96	1896	-	-	CIP	425	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
272LF	Untitled	1" to 1' details of access ladder to raised deck supporting oil tanks and 6" to 1' details of supports and hand rail for store at Stratford	-	-	-	-	CIP	425	2
273LF	Liquid Fuel Tank for Ipswich	1" to 1' elevation and plan of 3,000 gallon cylindrical tank with filler to Dg No 252LF fitted to an old dome	- .10.96	1896	-	-	CIP	425	2
274LF	Untitled	1½" to 1' side elevation of a square fuel tank wagon on 15' channel steel wagon underframe with 9' wheelbase, tank depth 3'0½"	-	-	-	-	CP	425	2
275LF	Apparatus for Burning Liquid Fuel Holden's Patent-Fuel Regulating Gear for Thornycroft Lorry (?)	1" to 1' sections and elevation of fuel regulator and plan	-	-	-	-	CP	425	2
276LF	Outlet Valve Travelling Liquid Fuel Tank LM2002	Full size plan and sections of valve	6.1.97	1897	LM2002	52W	CP	425	2
277LF	Untitled	Full size details of a combustion chamber, purpose uncertain	31.12.96	1896	-	-	CP	425	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
278LF	Untitled	1" to 1' liquid fuel injector applied to stationary boiler, sectional elevations and details of brick arch, side and end elevation showing arrangement of equipment at firebox door	-	-	-	-	CP	425	2
279LF	Untitled								
282LF	Apparatus for Burning Liquid Fuel-Holden's Patent Fitted to Boiler of Mountain Locomotive	1/10 scale undimensioned elevation of firebox and sectional view through firebox	26.3.97	1897	-	-	CP	425	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
283LF	Bed Plate for Engine and Pump-Liquid Fuel Storage	6" to 1' sectional elevation and plan of cast iron bedplate	26.4.97	1897	-	-	CP	425	2
284LF	Steel Axles	3" to 1' elevation of wagon axle for 8" x 4¼" journals	- .10.97	1897	-	-	CP	425	2
285LF	2,000 Gallons Travelling Liquid Fuel Tank-Axle	6" to 1' elevation of 7¼" axle with 8" x 4¼" journals Endorsed: axleboxes to Dg No 7069, wheels to Dg No 7040	30.4.97	1897	LM2002	52W	CIP	425	2
286LF	Bearing Spring for 2,000 Gallons Travelling Liquid Fuel Tank	Full size half elevation, plan and section of 5 plate spring and buckle 3' 5 7/8" centres unloaded	3.5.97	1897	LM2002	52W	CP	426	2
287LF	12 Enamelled Plates with White Letters on Red Ground	3" to 1' plan of semi-circular plate inscribed 'No Light to be put into this Tank' for top of manhole cover	20.5.97	1897			CP	426	2
288LF	6 Enamelled Plates with White Letters on Black Ground	3" to 1' elevation of vertical gauge recording capacity in gallons from NIL to 7,000 gallons with part full size enlargement							
291LF	Travelling Liquid Fuel Tanks-Outlet Valve and Gear	Full size section of valve and details of components My note: subsidiary Dg No 10271	21.10.97	1897			CP	426	2
294LF	Buffing Spring for Travelling Oil Tanks	Full size half elevation, plan and section of 9 plate spring My note: subsidiary Dg No 10323	30.12.97	1897			CP	426	2
297LF	Office and Workshop for Liquid Fuel Storage	½" to 1' elevation and plan of brick built workshop 22' x 10' at Stratford	9.2.98	1898	-	-	CP	426	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
298LF	Filling and Indicating Gear Liquid Fuel Tank SS Middlesex	3" to 1' elevations and plan of filler	12.3.98	1898	-	-	CP	426	2
300LF	4 Inch Sluice Valve	Full size section and elevation My note: drawing unfinished	1.4.98	1898	-	-	CP	426	2
303LF	Bogie Single Express Engines P43-Connections for Hot Air Pipe	Full size elevations of two connecting pieces	13.5.98	1898	P43	-	CP	426	2
309LF	Travelling Liquid Fuel Tanks D45 Capacity 2,300 Gallons	1½" to 1' general arrangement of 15' cylindrical oil tank wagon Endorsed: 21 to this D45; tanks built to LM2368 and underframes to LM2369 My note: subsidiary Dg No 10660	4.10.98	1898	D45	35W	CI	426	2
310LF	Travelling Liquid Fuel Tanks-Manhole Cover	Full size sectional side elevation, part plan of cover and details of components My note: subsidiary Dg No 10661	28.8.98	1898	D45	35W	CP	426	2
317LF	Apparatus for Burning Liquid Fuel-'Holden's' Patent-Hinge Joint for Burners	Full size sectional elevation of burner and 3" to 1' section and plan of apparatus	-	-	-	-	CP	426	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
322LF	Bogie Single Express Engines Class P43-Liquid Fuel Heater	Full size sectional elevations of heater and pencil elevation showing position of fitting inside the front part of the tender My note: subsidiary Dg No 10436	15.3.98	1898	P43	-	CI	426	2
329LF	Express Engines Class S46-Liquid Fuel Regulating Gear	Full size sectional elevation and elevation and plan of gear My note: possibly unfinished	- .9.99	1899	S46	D14	CP	426	2
336LF	Untitled	1½" to 1' general arrangement of body of 15' square liquid fuel tank on channel steel underframe but no running gear shown My note: subsidiary Dg No 11169	-	-	P50	34W	CP	426	2
343LF	Untitled	Undimensioned sectional elevations and plan of a furnace	-	-	-	-	CP	365	2
353LF	Untitled	3" to 1' elevations and sections of a furnace	-	-	-	-	CP	364	2
369LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Fitted to Small Sectional Boiler	3" to 1' front elevation and sections of boiler showing position of apparatus	21.8.01	1901	-	-	CP	364	2
370LF	Arrangement of Fire Brick for Oil Fired Boilers-Holden's Patent System	3" to 1' sectional side and end elevations showing position of firebricks Endorsed: Dg No 4	-	-	-	-	CP	365	2
371LF	Proposed New Injector for Liquid Fuel	Full size sectional elevations and plan of injectors	-0.01	1901	-	-	CP	365	2
372LF	Storage Tank for Parkeston made from Y14 Boilers	1" to 1' elevation and part plan of boiler and 1½" to 1' details for storage of liquid fuel	- .10.01	1901	-	-	CP	365	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
373LF	Trough for Emptying LF Travelling Tanks	3" to 1' elevation, section and plan of 7'3½" x 9¼" trough fitted with two pairs of lifting handles	1.11.01	1901	-	-	CP	364	2
375LF	Taps for Union Nut of LF Flexible Pipe	Full size section and elevation of two taps	-	-	-	-	CP	365	2
376LF	Proposed Lean To Outside Electric Light House	1/8" to 1' plan showing electric light house, hydraulic accumulator behind and proposed lean to (in the Old Works?)	5.12.01	1901	-	-	CP	365	2
379LF	Arrangement of Liquid Fuel on Four Wheels Coupled Bogie Express Locomotives NER-Holden's Patent System	¾" to 1' sectional elevations and plan of 4-4-0 engine with tender showing apparatus	- .1.02	1902	-	-	CP	364	2
385LF	Liquid Fuel Burning Apparatus Holden's Patent-Strainers	3" to 1' section and plan of two types of strainer	- .2.02	1902	-	-	CP	363	2
386LF	Liquid Fuel Burning Apparatus-Holden's Patent-Warming Coil	3" to 1' elevation and plan of 1'11" diameter coil	- .2.02	1902	-	-	CP	365	2
387LF	Liquid Fuel Burning Apparatus-Holden's Patent-Warming 4 In Stop Valve	6" to 1' elevation and plan of valve bought of East Ferry Road Engineering Works							
389LF	Four Wheels Coupled Bogie Locomotive Burning Liquid Fuel-Holden's Patent System	¾" to 1' elevations and plan of 4-4-0 engine standing on rails with cut outs showing arrangement of apparatus	- .7.02	1902	-	-	CP	365	2
395LF	Untitled	My note: drawing totally illegible	-	-	-	-	CP	365	4

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
396LF	Ash Pan for Loco's Burning Liquid Fuel Holden's Patent	3" to 1' sectional side and end elevation of ash pan	- .7.02	1902	-	-	CP	364	2
396LF	Nut for Driving Liquid Fuel Bushes	Full size elevation and plan of nut and bush	-	-	-	-	CP	365	2
398LF	Apparatus for Burning Liquid Fuel Holden's Patent-Adjustable Vortex	Full size sections and elevations	- .8.02	1902	-	-	CP	364	4
402LF	Liquid Fuel Brass Melting Furnace	1½" to 1' elevations and plan of furnace	14.7.02	1902	-	-	CP	364	2
407LF	Apparatus for Burning Liquid Fuel Holden's Patent-Arrangement on Marine Boiler	Unscaled end elevation of boiler showing apparatus and sectional view	- .4.02	1902	-	-	CP	364	2
408LF	Arrangement of Liquid Fuel on Furnace No 8 in Brass Foundry	1" to 1' elevations and plan showing apparatus on furnace Endorsed: altered by FT 13.11.03	- .11.02	1902	-	-	CP	364	2
409LF	Untitled	2" to 1' front and side elevation of oil fuel apparatus mounted onto a Yarrow type boiler	-	-	-	-	CP	364	4
410LF	Untitled	Undimensioned elevations and section of valves and glands	-	-	-	-	CP	364	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
410LF	Untitled	Undimensioned section and elevation of a fuel oil injector	-	-	-	-	CP	364	2
411LF	Portable Oil Fired Tube Welding Furnace	3" to 1' elevations and plan of apparatus fitted onto a two wheel trolley	- .12.02	1902	-	-	CP	364	2
412LF	Liquid Fuel Furnace for Heating Rivets-Holden's System	3" to 1' elevations and plan of rivet furnace	- .12.02	1902	-	-	CP	364	2
413LF	Collector for Water, etc. Steam Pipe and Strainer for Oil Fuel Pipe	Unscaled sectional elevations	-	-	-	-	CP	364	2
414LF	Liquid Fuel Burner	Full size sectional side and end elevations of burner	- .12.02	1902	-	-	CP	365	2
415LF	Liquid Fuel Injector	Full size sectional elevation of injector and details of unions	- .5.03	1903	-	-	CP	365	2
417LF	Apparatus for Burning Liquid Fuel-Holden's Patent-Vacuum Filling Valve	Full size sections, elevations and plan of valve	- .1.03	1903	-	-	CP	363	2
419LF	Gas Metre (sic) Valve and Box	Full size elevations, sections and plan of box	- .3.03	1903	-	-	CP	363	2
419LF	No 4 Gas Meter Valve and Box	6" to 1' elevations and plan of box	- .2.03	1903	-	-	CP	363	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
421LF	Apparatus for Burning Liquid Fuel Holden's Patent Combined Liquid Fuel Injector and Air Ejector Locomotive Pattern	Full size undimensioned elevations and sections of injector and ejector	- .4.03	1903	-	-	CP	363	2
422LF	Outline Dimensions of Eight Way Indicator Bovra(?)...	Full size side and end elevations of cabinet 1'2½" wide by 9¾" deep surmounted by a bell My note: title partly illegible	2.5.03	1903	-	-	CP	363	3
423LF	Liquid Fuel Burner	Full size undimensioned sectional elevations of burner	- .6.03	1903	-	-	CP	363	2
425LF	Arrangement of LF on Crucible Brass Melting Furnace Holden's Patent	¾" to 1' elevations and plan of a series of crucible and adjoining liquid fuel storage tank	- .12.03	1903	-	-	CP	363	2
425LF	Key Plan Showing Pipe from Air Reservoir to Flue	1/16" to 1' plan showing location of coppersmiths shop and metal stores with pipe run Endorsed: to be attached to Dg No 425LF	-	-	-	-	CP	364	2
427LF	Slide for Liquid Fuel Furnace	6" to 1' elevation and plan of slide	- .3.04	1904	-	-	CP	364	2
429LF	Liquid Fuel Apparatus Adapted to Crucible Steel Melting Furnace-Holden's Patent	1½" to 1' elevations showing oil fuel apparatus on furnace front	- .7.04	1904	-	-	CP	363	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
430LF	Proposed Position of New Brass Melting Furnace in Brass Furnace	3/8" to 1' layout of furnace within a building	- .11.04	1904	-	-	CP	363	2
431LF	Arrangement of Firebrick in Stationary Boiler for W.N. Best-Liquid Fuel Injector	1½" to 1' sectional elevations and plan of firebox and masonry base	- .1.05	1905	-	-	CP	363	2
432LF	General Arrangement of Liquid Fuel Burning Apparatus on Four Coupled Express Engine-Holden's Patent System	Elevation of 4-4-0 engine and tender, front and rear elevation and plan with cut outs showing arrangement of apparatus	- .11.06	1906	-	-	CP	365	2
433LF	Proposed Liquid Fuel Tyre Furnace	1" to 1' details of furnace Endorsed: SDO Dg No 2494 My note: drawing mostly illegible	-	-	-	-	CP	363	4

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
435LF	Arrangement of Liquid Fuel Burning Apparatus on 10 NHP Loco Type Boiler Holden's Patent	1½" to 1' side and end elevation showing apparatus mounted on boiler front	- .1.07	1907	-	-	CP	363	2
439LF	Untitled	Elevations and plan of oil fuel apparatus applied to a Yarrow boiler with a schedule of fittings required	-	-	-	-	CP	363	2
440LF	Arrangement of Liquid Fuel Apparatus on Loco Boiler (Yarrow & Co) Holden's Patent	1" to 1' elevation, sections and plan of firebox showing apparatus	- .11.10	1910	-	-	CP	363	2

Liquid Fuel Office Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
441LF	Arrangement of Holden's Patent Liquid Fuel Apparatus Applied to Normand Return Flame Boiler for Messrs. Yarrow & Co	1/20 sectional side elevation and boiler and front elevation showing arrangement of fuel apparatus	-	-	-	-	CP	363	2
442LF	Untitled	Side and sectional elevation and sectional plan of 2-2-2 tender engine No 1004 built 1893 with cut outs showing arrangement of apparatus and water pick up gear	-	-	D27	-	CP	365	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
2760 Ren	Engines Types J65-J69 & F7-Valve Rod, Expansion Link and Block and Suspension Link	Full size elevations and plans of 6 components	17.3.30	1930	-	J65 J66 J67 J68 J-69 F7	BP-L	483	2
2774 Ren	Valve Spindle Guide Class T18, Y65, R10, E22	Full size section, elevation and sectional plan of guide	- .3.09	1909	R10 T18 E22 Y65	- J66 J65 F7	PT-C	527	1
3201 Ren	Driving Axlebox Engines Classes Y14, O18, P55 (160 Lbs BP) also J15 Leading and Trailing	Full size elevations, sections and plan of axlebox Endorsed: altered 7.25, 5.44, 6.45 and 6.5.57	8.7.25	1925	Y14 O18 P55	J15	PL-C	534	2
3335	Batten Wagon Class C30	1½" to 1' general arrangement of 22' 10" long wood framed two bolster wagon with 12' wheelbase	30.1.94	1894	C30	30W	PT-C	483	1
3476	Standard Train Staff Holder	Full size elevations and plan of cast component	-	-	-	-	PL	574	1
3507 Ren	Mud Door for GE Type Engines	Full size elevation and sections of mud door with schedule of number required per set for GE classes Endorsed: this drawing supersedes previous drawing same number	3.10.52	1952	-	-	PL	534	1
3586	Six Wheels Coupled Goods Engines Nos 552	Full size section and plan of slide valve Endorsed: numerous alterations to 15.6.15; see Dg No 31234 for types F4, 5 & 6	-	1875	Y14	J15	PB-C	572	4
3799	Foundation for 15 Cwt Single Standard Hammer	1½" to 1' elevations and plan of timber base for hammer Copy of Thwaites & Carputt, Vulcan Ironworks, Bradford drawing	7.9.75	1875	-	-	OI-C	588	2
3808	Tuyere Iron for Small Double Fires	3" to 1' section, elevation and plan of blast pipe and box	7.12.75	1875	-	-	PL-C	544	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
3933 Ren	Fire Hole Door Engs. Type E4, F3, J15, J65, J66 and J67	6" to 1' elevation and section of fire hole and 3" to 1' of protection plate and protection ring Endorsed: altered 23.2.50	23.10.29	1929	-	E4 F3 J15 J65 J66 J67	BP	582	2
4616	Improved Tuyere Iron for Small Double Fires	3" to 1' sectional elevation of blast pipe	2.1.78	1878	-	-	PT-C	539	2
4691	Levelling Block for Boiler Shop	Dimensioned but unscaled sectional elevation and plan of cast iron with undated alterations for block size 12' x 5'	6.5.78	1878	-	-	PT-C	539	4
4728	Base Plate for 3 Tons Hammer	1" to 1' elevations of base and 3" to 1' details of fittings	18.7.78	1878	-	-	PT-C	544	2
5302	Express Tenders No 245 to 254, H14, Z14- Brake Details	Full size sections and elevations of brake lever and brake column Endorsed: brake column for M12 (Nos 542 to 551) and Nos 140 to 149, 205 to 209 and passenger No 400 Class. Brake Vans same as this with the base altered and lengthened	- .8.79	1879	245 H14 Z14	J15	PB-C	534	3
5303	Express Tenders Nos 245 to 254, 600 to 609, H14, B15, Y17-Brake Details	Full size details of components	25.9.82	1882	H14 B15 Y17	-	PT-C	494	3
5305	Express Tenders Nos 245 to 254, 600 to 609, H14, No 37 Class-Brake Shaft and Adjusting Nut	3" to 1' arrangement of shaft and bracket and full size details Endorsed: for brake shaft and levers for B15 and all future tenders see Dg No 6639 30.7.84; altered 31.8.06	- .8.79	1879	H14 Y14	-	PB-C	516	2
5307	Express Tenders Nos 245 to 254, 600- 609, H14 & B15, Y17-Brake Details	Full size details of brake components Endorsed: altered 31.7.84 & 8.5.91	- .8.79	1879	H14 B15 Y17	-	PB-C	490	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
5407	Details of Shafting for New Tender Shop	1½" to 1' arrangement of overhead shafting and supporting brackets	21.11.79	1879	-	-	PT-C	573	2
5626	Standard Brake Blocks for Engines and Tenders	6" to 1' elevations and plan of brake blocks types No 3 tender, No 21 engines	- .1.20	1920	-	-	PL	537	1
5680 Att	Engines Classes Y14, O18 (160 Lbs/Sq Ins B.P.)(Types J15, F4)-Connecting Rod Strap with Wire Trimmed Oil Box	Full size elevation on plan Endorsed: numerous alterations to 23.4.41	28.9.25	1925	Y14 O18	J15 F4	PL-C	482	2
5680 Att	Six Wheels Coupled Goods Engines Class Y14 with Built Up Crank Axles-Alteration to	Full size elevations and plan of brasses	27.7.13	1913	Y14	J15	PT-C	482	2
5695	Six Wheels Coupled Goods Engines Nos 552-561, 37-41, 119-124, 592-599 Y14, K15-Cross Head and Slide Block	Full size sections and plan of block Endorsed: altered for cast steel cross head 8.1.85; for cast steel cross heads see Dg No 7092 12.2.86	9.5.83	1883	Y14	J15	PB-C	574	3
5695 Part	Six Wheels Coupled Goods Engines Y14 Class-Work to Alterations in Red for	Full size sections	6.11.89	1889	Y14	J15	PT-C	574	1
5796 Ren	Smokebox Door Details Classes F4-6, J66-69, Y4, E4, F3, J15	6" to 1' and full size details of components	- .7.50	1950	-	E4 F3-6 J15 J66 J67 J68 J69 Y4	P-L	510	1
5934	Tenders Nos 245 to 254, 600 to 609 & H14-Nipple and Connecting Pipe between Reservoir and Triple Valve	Full size section and elevation	9.12.82	1882	-	-	PT-C	558	4
5935 Ren	Arrangement and Details of Whistle, Seating, etc	Full size elevations and section of whistle and details of components with table of	- .6.53	1953	-	-	PL	574	2
5941 Ren	Standard Draw Hook for Tenders	Full size elevation and plan of hook with rubber washers and schedule of lengths for different classes Endorsed: altered 16.6.95	2.5.89	1889	-	-	PT-C	517	4
5941	35 Tons Steam Breakdown Crane-Draw	Full size elevation and plan of draw hook with rubber washers	14.2.10	1910	-	-	PL-C	517	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-1	Hook	My comment: hook adapted from T46 tender draw hook	14.5.19	1919			PL-C	517	
5942	Standard Shackle and Link for Goods Engines and Tenders	Full size elevation and plan of 3 link coupling with shackle at upper end for Y14 and Z14	27.1.82	1882	Y14 Z14	J15	PB-C	516	3
5946 Ren	Round Window for Cab	Full size elevations of window 1'4" diameter	18.11.26	1926	Y14	J15	BP-L	575	2
5946	Round Window for Cab	Full size elevations of window 1'4" diameter Endorsed: altered 4.1.50	4.8.82	1882	Y14	J15	BP-L	575	2
6009	Four Wheels Coupled Express Engines Class G14, A15, X17, T19 Trailing, N31, C32, L&T Axles	Full size elevations of axles Endorsed: numerous alterations for additional locomotive classes	27.4.82	1882	G14	-	PT-C	509	4
6010	Four Wheels Coupled Express Engines G14, A15, X17, T19, N31, C32-Crank Axle	Full size elevations of axle and 3" to 1' plan of complete axle Endorsed: altered 24.11.84, 1.7.87, 4.10.92 and 9.11.93	17.6.82	1882	G14 A15 X17 T19 N31 C32	- - Y6 D13 J14 F3	PT-C	580	3
6027 A	Safety Valve Casing	Full size sectional elevation and plan Endorsed: classes G14, Y14, A15 & X17 added; altered 5.9.21; for Y14 class engines see casing for standard safety valves Dg No 6217	25.8.82	1882	G14 Y14 X17	- J15	- PB-C	463	2
6032	Firebars-Engines Class G14, Y14, T19	Full size elevations and plan of a firebar 2'7¼" x 4" Endorsed: altered 27.10.14 for L77 class	26.7.82	1882	G14 Y14 T19	- J15 D13	- PT-C	514	4
6035	Standard Boiler Clack Box	Full size elevations and section of box	- .12.96	1896	-	-	PL	510	1
6041	Tenders Class H14, Z14, B15, L15, Y17-	Full size elevation, section and plan of guide Endorsed: altered to red 4.5.89 for class S23	10.10.82	1882	H14 Z14	-	- PB-C	505	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6042	Drawbar Guide		10.10.82	1882	B15 L15 Y17 S23	-	PB-C	505	
6043	Tender Details Class H14, Z14, B15, L15, 37 Class	Full size details of hand rails and 6" to 1' details of brackets	7.10.82	1882	H14 Z14 B15 L15 37	-	PL	499	2
6045	Tenders for Engines Class H14, Z14, B15, Y17, L15-Hind Platform	3" to 1' elevations and plan of tender rear and buffing and drawgear Endorsed: altered 25.3.87	18.10.82	1882	H14 Y14 Z14 B15 Y17 L15	J15	PB-C	507	3
6046	Four Wheels Coupled Express Engines Class G14-Name and Number Plate	Full size elevations and section of elliptical brass plate 2'0" x 1'3" inscribed Great Eastern Railway Coy/562/Stratford Works 1882	13.10.82	1882	G14	-	P	505	1
6068	Flap Plate Between Engine and Tender for Engines Class G14, A15	3" to 1' elevation and plan of plate showing position on engine Endorsed: altered 14.7.86, 15.7.03 & 16.2.05	13.12.82	1882	G14 A15	-	PT-C	503	3
6078	Cast Steel Wheel for Tenders Z14	Full size quarter elevation of 10 spoke wheel and half section Endorsed: altered 12.3.90 & 6.10.13	1.5.83	1883	Z14	-	PT-C	500	3
6080	Tenders Classes B15-Tank	1½" to 1' elevations, plan and section of tender tank for 6 wheel underframe with full size sections of riveting details Endorsed: 24.10.83; for S23 see Dg No 7854 My comment: marred by extensive oil stain	10.9.83	1883	B15	-	PB-C	498	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6081	Four Wheels Coupled Tank Engines Class M15, 018, P55-Check Springs for Radial Axlebox	Full size elevation, section and plan of 5 plate double springs 2'6" between centres unloaded Endorsed: altered 27.9.04	9.10.83	1883	M15 P55	F4 F5	PB-C	499	3
6140	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599 Y14 & K15-Framing	1½" to 1' side elevation and plan of engine framing length 24'10" Endorsed: numerous alterations to 22.2.32 My comment: about 1/3 of plan missing	1.9.82	1882	Y14	J15	PT-C	512	4
6140 Att	Alteration to Frame for Engines Y14 Class Fitted with 4Ft 9Ins Boilers	1½" to 1' part side elevation and plan of rear part of framing My comment: formerly Dg No 11218	- .3.00	1900	Y14	J15	PT-C	512	2
6140 Part	Six Wheels Coupled Goods Engines D20 Class-Frame Brackets Right and Left	1½" to 1' elevations and plan of two types of bracket	21.1.87	1887	D20	J15	PT-C	512	2
6142	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, Y14, K15-Motion Plate Slidebar	6" to 1' half and plan of motion plate and 1½" to 1' elevation of complete plate and full size elevation, section and plan of slide bar Endorsed: altered 19.9.84, 13.9.87 & 25.7.09; for future motion plates see Dg No 7796 23.10.88	4.9.82	1882	Y14	J15	PB-C	504	3
6143	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599-Arrangement of Cylinder Cock and Sand Box Gear Clothing, Hand Rail Pillars, Injectors and Injector Pipes	1½" to 1' elevation of engine and plan showing position of components Endorsed: altered 12.12.87 and 6.5.91 My comment: surface of drawing has been varnished	8.1.83	1883	Y14	J15	PT-C	518	3
6146	Six Wheels Coupled Goods Engines Y14 Class-Spring Hangers	Full size elevations and plans of spring gear Endorsed: altered 15.4.10 & 12.7.33 My note: original drawing dated 29.11.82	10.12.06	1906	Y14	J15	PT-C	475	4
6149	Six Wheels Coupled Goods Engines No 37-41, 119-124, 592-599, Y14, K15-Cab	1½" to 1' elevations and plan of cab and full size details of fixings Endorsed: altered 11.7.83, 9.11.83 and 1.2.89	4.4.83	1883	Y14	J15	PB-C	529	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6149 Att	Alteration to Cab Y14 Class Six Coupled Goods Engines to Suit De Limons Lubricator	3" and 6" to 1' details of alterations	14.8.08	1908	Y14	J15	PT-C	529	1
6150	Six Wheels Coupled Goods Engines Nos 37-41, 119-124 and 592-599-Foundation Ring	3" to 1' elevation and plan of complete ring with full size details of corner riveting Endorsed: altered 8.6.91 and 25.10.05; for T24 and future engines of T19 class see Dg No 8016 and L28 29.5.91	23.1.83	1883	Y14	J15	PB-C	520	2
6151	Arrangement of Smokebox for Engines Nos 37-41, 119-124, 592-599, Y14	3" to 1' sectional elevations, half end elevation of smokebox and upper part of cylinders and headstock Endorsed: numerous alterations	20.4.83	1883	Y14	J15	PB-C	523	3
6154	Six Wheels Coupled Goods Engines Y14 Class-Nos 37-41, 119-124, 592-599-Sandboxes	3" to 1' elevations, sections and plans of sandboxes shown in relation to splashers and engine Endorsed: altered for N31 class 16.8.92; other alterations	19.12.82	1882	Y14	J15	PB-C	501	4
6154 Part	Compound Goods Engine D&P203-Alteration to Leading Sand Box	3" to 1' elevation, section and plan showing sand box in relation to splasher	1.11.87	1887	D&P203	-	PT-C	501	3
6155	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599-Cast Iron Hind Platform Y14, K15	3" to 1' elevations, sections and plan of platform including position of brake cylinder Endorsed: numerous alteration to 25.4.96	15.9.82	1882	Y14 K15	J15	PB-C	515	2
6156	Six Wheels Coupled Goods Engines No 37-41, 119-124, 592-599-Arrangement of Motion	3" to 1' elevations and plan of motion and table of steam distribution taken from model	7.11.82	1882	Y14	J15	PB	503	2
6157	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, Y14, K15-Eccentric Sheaves	Full size elevations and section of sheaves Endorsed: altered 15.7.85	5.9.82	1882	Y14 K15	J15	PB-C	506	3
6158	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 Y14, K15-Reversing Shaft	Full size elevations and section of shaft and 3" to 1' of assembly Endorsed: for new shaft arrangement for balance spring see Dg No 7087	22.2.83	1883	Y14 K15	J15	PB-C	547	3
6159	Six Coupled Goods Engines Y14 Class-Cylinder	Full size longitudinal section of cylinder	21.9.89	1889	Y14	J15	PB-C	500	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Cylinder	Endorsed: altered 28.7.06 & 10.9.40							
6159 Part	Goods Engine with 175 Lbs-Piston and Alterations to Cylinder and Cover LM 178	Full size sectional elevation of piston and cover Endorsed: altered 10.9.40	21.9.89	1889	Y14	J15	PT-C	500	3
6160	Six Wheels Coupled Goods Engines No 37-41, 119-124, 592-599, Y14, K15-Cylinder Cross Section	Full size cross section of cylinder Endorsed: altered 5.11.85, 28.1.86 and 1.2.97	7.9.82	1882	Y14	J15	PB-C	525	2
6161	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 Y14, K15-Cylinder-	Full size plan of cylinder	04/09/1982	1882	Y14 K15	J15	PB-C	508	3
6162	Six Wheels Coupled Good Engines Nos 37-41,119-124, 592-599, Y14, K15-Front Cylinder Cover	Full size front elevation of cover Endorsed: altered for 018 3.6.86; altered 3.35	13.9.82	1882	Y14	J15	PB-C	507	2
6163	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599-Back Cylinder Cover and Piston Rod	Full size sections, elevations and plan of components Endorsed: for T23 and future engines see Dg No 7917 17.6.89; altered 30.1.90, 13.7.21 &18.5.48	9.4.83	1883	Y14 K15	J15	PB-C	506	3
6164	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, Y14, K15-Eccentric Straps	Full size elevations and plan of straps Endorsed: altered 15.7.14, 5.12.33 & 8.33	13.9.82	1882	Y14	J15	PL	506	3
6164 Part	Work to This for L28 and future engines	3" to 1' elevation and plan of eccentric straps Endorsed: for G69 class see Dg No 7452 3.2.00	29.4.91	1891	Y14 L28	J15	PT-C	506	2
6166	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, Y14, K15-Longitudinal and Palm Stays and Expansion Bracket	Full size details of components Endorsed: altered for L28 and future classes 3.7.0; see Shop Copy Dg No 3589 for longitudinal stays for Y14; altered 4.5.99	22.1.83	1883	Y14 K15	J15	PB-C	507	4
6166 Att	Expansion Bracket for Compound Goods Engine D&P203	3" to 1'elevation of bracket My comment: attached to Dg No 6166 but unnumbered	27.6.87	1887	D&P 203	-	PB-C	507	1
6167	Standard Blow Off Cocks	Full size elevations and sections of cock Endorsed: altered 23.2.11	2.10.00	1900	-	-	PC	535	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6168	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 and Y14, K15-Firebox	3" to 1' end elevations of each end of firebox with full details of tubes and stays Endorsed: altered 4.12.82 & 5.3.85; for other views of firebox see Dg No 6141	16.10.82	1882	Y14 K15	J15	Pb-c	504	2
6171	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 Y14, K15-Reversing Rod	3" to 1' arrangement of rod and full size details of construction Endorsed: altered 30.6.99 and 3.34	14.3.83	1883	Y14	J15	PB-C	604	3
6172	Blast pipe Engines Nos 37-41, 110-124, 592-599 Y14, K15	Full size sections and plan of pipe	7.11.82	1882	Y14	J15	PB-C	485	3
6173	Chimney-Engines Nos 37-42, 119-124, 592-599 Y14, K15	Full size sectional elevation of stove pipe chimney with steel rim and 3" to 1' plan of	24.4.83	1883	Y14 K15	J15	PB-C	541	2
6174 Ren	Six Wheels Coupled Goods Engines Class Y14-Coupling Rods	Full size elevation and plan of rods Endorsed: various alterations up to 25.10.48	- .6.14	1914	K15 Y14	J15	PL-C	461	1
6179 Ren	Reversing Screw Bracket and Wheel for Engines Type E4, J15, J17, J19, J20	Full size elevations, section and plan of assembly and of index plate and 3" to 1' plan of hand wheel	10.3.52	1952	-	E4 J15 J17 J19 J20	PL	490	2
6180	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, Y14, K15, D&P203-Details of Cylinder Cock and Sand Box Gear	Full size details of numerous components Endorsed: altered 10.3.84	20.12.82	1882	Y14	J15	PL	570	2
6182 Ren	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599-Ashpan Y14 & K15	3" to 1' elevations and half plan of ash pan with full size details of fittings My note: print made c. 1930	18.12.82	1882	Y14 K15	J15	PL	462	1
6185	Six Wheels Coupled Goods Engines No 37-41, 119-124, 592-599, Y14, K15-Details of Handrail Pillars, Ejector Rods and Bracket	Full size elevations and plans of components Endorsed: altered 23.8.06	20.10.00	1900	Y14 K15	J15	PB-C	486	3
6186	Tenders of Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 and last 5 of H14, Y14, B15-Axlebox Guides	Full size elevations and plans of guides	- .1.83	1883	H14 Y14 B15	J15	PB-C	462	2
6188	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, K15-Firebox Fixings	3" to 1' elevations showing arrangement of fixings and cab	4.6.83	1883	Y14 K15	J15	PB-C	493	2
	Six Wheels Coupled Goods Engines No 37-	Full size details of components							3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6189	Six wheels Coupled Goods Engines No 37-41, 119-124, 592-599 Y14, K15-Valve Connecting Rod Expansion and Sustaining Links	Endorsed: numerous alterations to 20.4.48 My note: this is a c. 1940 replacement print	26.9.82	1882	Y14	J15	BP-L	579	
6191 Ren	Springs for Six Coupled Goods Engines Class Y14	Full size half elevation, plan and section of 13 plate spring 2' 11 ¼" centres unloaded Endorsed: altered 12.33	23.2.24	1925	Y14	J15	PL-C	493	2
6191 Att	Engines Springs to Dg No 6191-Spring Buckles and Section of Bottom Spring Plate	Full size details	15.2.24	1924	-	J15	PL-C	493	1
6194	Steam Brake Cylinder for Engines 552 Class, Y14, N31, F48, G58, E72	Full size end elevation, sectional side elevation and plan of cylinder Endorsed: superseded by Dg No 22191 3.1.19	7.7.04	1904	Y14 N31 F48 G58 E72	J15 - J16 J17 J18	PB-C	496	4
6195	Six Wheels Coupled Goods Engs. 37 Class-Y14-Arrangement of Feed Pipe between Eng. and Ten.	1½" to 1' sectional elevation and plan showing arrangement of feed pipe Endorsed: undated alterations	16.2.83	1883	Y14	J15	PB-C	557	3
6199	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599-Centre and Trailing Spring for Tenders	Full size half elevation and plan and section of 19 plate spring 4' 0" centres loaded Endorsed: altered 12.33; classes H14, Z14, B15, L15 added	26.2.83	1883	Y14	J15	PC	514	3
6203	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 & Y14-Rail Guard	Full size elevations of guard for attachment to front of engine Endorsed: to be made from scrap pieces of frame plates	25.4.83	1883	Y14	J15	PT-C	489	2
6204 Ren	Tenders Classes Z14, V20, P & S22, 305 and 306, LM1709-Brake Details	Full size details numerous components Endorsed: reference to LM1709 deleted	17.6.96	1896	Z14 V20 P22 S22 305	- - - - -	PT-C	582	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6205 Ren	Tank Engines J69-Nut for Hand Brake Screw and Rod	6" to 1' details of components Endorsed: altered 21.7.02 My note: part of drawing missing	18.11.31	1931	-	J69	PT-C	583	4
6206	Tenders Classes Z14, V20, P & S22, 305, 306- Brake Details	Full size details of 6 components and 1 ½" to 1'; arrangement of shaft	30.5.96	1896	Z14	-	PT-C	514	1
6207	Brake Arrangement for Tenders Classes Z14, L15	1½" to 1' outline elevations, section and plan of tender frame showing arrangement	18.6.83	1883	Z14 L15	-	PB-C	533	2
6214	Flanges for Injector Delivery Pipes K15	Full size elevations and sections of 2 types of flanges, 1 for No 10 injector Dixons and the other for No 8 Injector Dixons Endorsed: altered 15.12.92 & 17.5.06	17.12.83	1883	K15	J15	PT-C	480	3
6217 Ren	Safety Valve Casing	Full size plan and sectional elevation of casing Endorsed: altered 31.8.21; beading altered to brass 11.2.22	12.10.09	1909	-	-	P-C	586	1
6218	Six Wheels Coupled Goods Engines Class P17-Cast Steel Buffer Stay	Full size elevations and plan of stay	1.12.84	1884	P16	J15	PT-C	531	2
6237	Standard Blower	Full size elevations, section and plan of blower Endorsed: altered 18.4.01 and 3.35	12.6.85	1885	-	-	PB-C	582	3
6246	Six Coupled Goods Engines Y14 Class-Nos 37, 41, 119-124, 592-599-Standard Injector Steam Cock	Full size elevations, plan and section of cock Endorsed: several alterations to 3.2.97	6.9.82	1882	Y14	J15	PB-C	531	3
6261 A	Bearing Spring for Truck of 12 Ton Accident Crane U16	Full size half elevation and plan with section of 10 plate spring 3' 7 ½" centre Endorsed: altered 26.6.85; for arrangement see Dg No 6870	11.11.84	1884	U16	-	PB-C	522	2
6298	Special Saloon Carriage No 9	1" to 1' general arrangement of 12 wheel saloon 53' 0 ½" over body with outline elevation of 6 wheel bogie Endorsed: for bogie see Dg No 6299; ironwork Dg No 6300	8.3.83	1883	H15	8C	PT-C	596	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My note: carriage number altered in pencil to No 10; part of end elevation missing but an important drawing							
6633	Standard Drawhook for Passenger and Goods Engines for Classes E4, J15, J17, J66-69	Full size elevation and plan of hook with dimensions for various classes	1.11.06	1906	-	E4 J15 J17 J66 J67 J68 J69	P	487	1
6661	Four Wheels Coupled Tank Engines M15, P55-Cast Steel Wheels (Leading and Trailing)	Full size half elevation and section of 10 spoke wheel 3' 9" diameter on tread and 3" to 1' elevation Endorsed: work to red for L77 class trailing wheels 16.7.14; see Dg No 22837 for L77 and K85 class trailing wheels 17.12.20	28.8.83	1883	M15 P55 L77	F4 F5 N7	PB-C	495	4
6666	Guard Bars for Engines	1½" to 1' elevations of guards irons, straight and set to be stamped out of pieces of M15 frame plates and ground on edges Endorsed: altered for K85 leading 20.4.21 My comment: drawing number was previously No 6668.2	3.2.84	1884	-	-	PT-C	598	3
6677	Four Wheels Coupled Tank Engines Classes M15, E16, O18, P55-Frame Bracket	3" to 1' details of numerous components Endorsed: altered 13.2.11, 3.10.22, 13.7.33 & 28.8.48	15.10.07	1907	M15 P55	F4 F5	PT-C	567	4
6686	Radial Tank Engines M15, E16, O18 & P55 Class-Reversing Screw Bracket and Wheel	3" to 1' arrangement of reversing gear and register Endorsed: altered 10.11.14; see Dg No 23285 for L77 & K85 class engines	25.2.84	1884	M15 E16 O18 P55	F4 F5	PT-C	461	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
6686 Att	Alterations to Reversing Screw Bracket and Index Plate for L77 Class Engines	Full size elevation and plan Endorsed: altered 10.11.14; see Dg No 23285 for L77 & K85 class engines	10.10.14	1914	L77	N7	PT-C	461	4
6700	Four Wheels Coupled Tank Engines Class P55-Strainer for Tank, Injector Rods, Pipe Clips and Clothing Studs	Full size elevations, section and plan of components Endorsed: altered 21.3.11	- .8.09	1909	P55	F5	PT-C	461	4
6738	Standard Axle Box for Tenders	Full size elevations, sections and plans of axle box for 9" x 5" journal Endorsed: altered 27.3.84, 26.4.89 and 17.12.14; for cover see Dg No 7351	19.11.83	1883	-	-	PB-C	599	1
6848	Arrangement of Bogie for 28Ft Tramcar	1 ½" to 1' elevations and plan of 4 wheel bogie with timber frame wheelbase 4'6"	15.7.84	1884	A17	603C 604C	PT-C	511	1
6858	Buffer for Tramcars	Full size sectional elevation and end elevation of self contained buffer type R Endorsed: altered 29.3.90	29.5.84	1884	-	600C 601C 602C 603C	PT-C	529	1
6870	12 Ton Accident Crane-General Arrangement of Truck	1½" to 1' elevations, sections and plan of 6 wheel flitched wood underframe 18'4" over headstock, 12' wheelbase and wheels 2'9" diameter Endorsed: frame lengthened to 20'4" and wheelbase increased to 13'0" from one end; for general arrangement see Dg No 6869	11.7.84	1884	-	-	PT-C	533	3
6874	Cranes (12 Ton Accident) U16 and R55-Wrought Iron Details	3" to 1' details of numerous components	- .2.84	1884	U16 R55	-	PT-C	597	4
6976	Standard Lamp Irons	Full size elevations and plans of three types of lamp iron with sketches showing position on engines and details of bracket for holding discs Endorsed: altered 30.4.13	3.3.83	1883	-	-	PT-C	591	4
7031	Arrangement of Firebox and Smokebox Tube Plates T19, Y14	3" to 1' half elevations of smokebox and firebox end tubeplates	26.1.88	1888	T19 Y14	D13 J15	PB	546	2

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7051 Ren	5 ½ Inches Regulator	Full size section and elevation of regulator and gear Endorsed: altered 7.35 and 3.10.56	10.9.17	1917	-	-	PL-C	570	3
7054	Alteration of Y14 Motion Plate for Tank Engines Class O18	6" to 1' sectional elevation and plan of motion plate	8.1.88	1888	Y14	J15	PT-C	538	2
7055	Arrangement of Tubes 1 5/8 Ins Diameter at Firebox End and 1¼ Ins Diameter at	Full size elevation and part elevation of tube plate showing tube spacing	5.1.86	1886	O18 T18	J66	PT-C	464	4
7063	Rough Sketch Showing Alteration to G15 Pump for Engines X13 Class Working on East London Railway	Full size elevation and plan of altered parts of pump Endorsed: altered 7.11.87 and 13.3.91 for T18 class; for details of valve box with flanges see Dg No 6344	11.1.86	1886	X13	-	PT-C	595	2
7063 Part	Sketch of Gudgeon Pin Cross Head and Pump Ram for Engines X13 Class Working	Full size elevations of pin	12.1.86	1886	X13	-	PT-C	595	2
7066 Ren	Standard Reversing Shaft Bracket	Full size elevations and plan of cast bracket Endorsed: undated alteration for S69 class and E22 My comment: original date 1.19	-	1934	-	-	BP-L	605	1
7083 Part	Single Wheel Express Engine with 25 In Stroke-Crank Axle and for Four Wheels	3" to 1' elevations of crank shaft Endorsed: Sheet 2	26.11.97	1897	T19	D13	PT-C	490	2
7083 -1	Crank Axle-Four Wheels Coupled Tank Engines Class O18	1½" to 1' elevations of crank axle Endorsed: Sheet 3; see Dg No 17576 for G69 class 21.10.10; altered 3.7.25	11.5.86	1886	O18	F4	PB-C	490	2
7087	Four Wheels Coupled Passenger Tank Engines O18 (M15) R21 (Y14)-Reversing Shaft	Full size elevation of shaft and 3" to 1' of complete assembly Endorsed: altered for class X18 & R21 17.5.86; 22.10.86 & 26.10.08	27.1.86	1886	M15 O18 R21	F4 J15	PT-C	469	4
7089 Part	Engines Types E4, J15, F3-Test cock	Full size section of cock	15.2.38	1938	-	E4 F3 J15	P	554	1
7089 Att	Express Engines Class 1500 Type B12-Test Cock	Full size section of cock Endorsed: D14-16, J16-19 Types to boiler to Dg No 29803 4.11.31	3.5.19	1919	S69	B12	P	554	1
7091	Reversing Shaft Spring	Full size elevation of spiral spring bolt	7.2.17	1917	-	-	BP	400	-

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	Reversing Start Spring	attachement	7.2.17	1917			PT-C	499	
7092	Cast Steel Crosshead for Engines Classes U20, F21, R21, M18, O18, T18, T19, S20, K19, H21, T21	Full size elevations and half plan of crosshead Endorsed: altered 23.4.88 My comment: drawing badly damaged	9.2.86	1886	-	-	PT-C	541	4
7092 Att	Cast Steel Crosshead	Part section and plan Endorsed: altered 10.10.89 My comment: drawing badly damaged, title missing	18.2.87	1887	-	-	PT-C	541	4
7097	Standard Tenders-Cold water Cock	Full size Endorsed: altered for T46; for brass bend see Dg No 11204 8.3.00 My comment: drawing badly damaged	16.2.86	1886	-	-	PT-C	546	4
7106	Six Wheels Coupled Shunting Engine T18, G75-Wheel	Full size part elevation of 15 spoke wheel 4'0" diameter on tread and section Endorsed: altered 29.3.86, 27.11.08 and 8.10.13	14.12.85	1885	T18	J66	PT-C	590	3
7107	Six Wheels Coupled Shunting Engine T18-Cast Steel Roof Bars	Full size elevation and plan of typical bar and 3" to 1' elevations of three variations Endorsed: altered 2.6.88 and 8.11.00	19.12.85	1885	T18	J66	PT-C	562	1
7108	Six Wheels Coupled Tank Engines Class T18-Crank Axle	Full size elevations of crank and 3" to 1' elevation of complete axle	2.3.86	1886	T18	J66	PT-C	542	3
7109	Six Wheels Coupled Tank Engines Class T18, G75, E22-Leading and Trailing Axle	Full size part elevation of axle and 3" to 1' elevation of complete axle	2.3.86	1886	T18 E22	J66 J65	PT-C	563	4
7110	Six Wheels Coupled Tank Engines Class T18-Frame Arrangement	1½" to 1' elevations and plan of framing Endorsed: altered 10.7.88 My comment: substantial part of drawing missing	13.7.80	1880	T18	J66	PT-C	536	4
7110 Att	Six Wheels Coupled Tank Engines Class T18-Outline of Frame	1½" to 1' elevation of 25'1" frame Endorsed: altered 18.2.86	17.12.85	1885	T18	J66	PT-C	536	2
7110 Part	Six Wheels Coupled Tank Engines Class T18-Dart Bars	1 ½" to 1' elevations of curved and straight types of guards	1.4.86	1886	T18	J66	PT-C	565	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7117 Ren	Six Wheels Coupled Tank Engines Class T18, Type J66-Coupling Rod Crank Pin	Full size elevation of leading and trailing crank pin and driving pin Endorsed: altered 20.12.30	- .6.31	1931	T18	J66	BP-L	549	1
7118	Six Wheels Coupled Tank Engines Class T18, K19, H21-Frame Brackets	Full size elevations of bracket Endorsed: altered for P29 12.91; for N33 and future engines see Dg No 8516 20.10.93	6.2.86	1886	T18	J66	PT-C	538	4
7119	Six Wheels Coupled Tank Engines Class T18-Buffer Stay	Full size elevations and plan of stay Endorsed: altered for D20 class 16.5.87; altered for D&P203	15.2.86	1886	T18 D&P203	J66 -	PT-C	501	3
7120	Six Wheels Coupled Tank Engines Class T18- Foundation Ring, Expansion Bracket, Sling and Stay	3" to 1' plan of components and full size details of corner riveting Endorsed: for expansion bracket see Dg No 13954 6.5.07; for P29 and future engines see Dg No 8519 27.11.91, also for engines after C37 13.3.96	16.2.87	1887	T18	J66	PT-C	489	4
7120 Part	Expansion Bracket for Engines No 1 Class	Full size section of bracket	2.1.06	1906	No 1	-	PT-C	489	1
7121	Six Wheels Coupled Tank Engines Class T18, K19-Arrangement of Handbrake	1½" to 1' arrangement of brake shown in relation to elevations and plan of lower part of engine Endorsed: altered in red for class H21 10.10.87	17.2.86	1886	T18 K19	J66	PT-C	545	2
7122	Six Coupled Tank Engines T18 & T21-Brake Details	3" to 1' elevations and plans of numerous components	17.2.86	1886	T18 T21	J66	PT-C	462	4
7123 Ren	Arrangement and Details of Spring Gear Class J65, J66, T21 onwards	3" to 1' elevations and sectional end elevation of arrangement and full size	19.10.48	1948	-	J65 J66	PL	541	1
7123 Att	Details of Spring Gear Class J66 (T18)	Full size elevations and plan of two components Endorsed: for details of pins see Dg No 7123	26.1.48	1948	-	J66	PL	541	1
7125	Six Wheels Coupled Tank Engines T18 Class (R&S24)-Slide Bar and Motion Plate	3" to 1' elevations, sections and plan of components and full size details Endorsed: altered 10.1.88 and 24.7.39	4.3.86	1886	T18	J66	PT-C	536	4
7126 Ren		Full size elevations of shaft and 3" to 1'				J65 J66			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Reversing Shaft Class J65-69	Full size elevations of shaft and 3" to 1' arrangement	20.2.52	1962	-	J67 J68 J69	PL	553	
7127	Six Wheels Coupled Tank Engines Class T18, J66 to J69-Front Cylinder Cover, Piston and Rod	Full size elevations of components Endorsed: altered 20.10.26, 9.34 and 11.5.48	-	1950	T18	J66 J67 J68 J69	P	604	1
7128	Six Wheels Coupled Tank Engines T18 Class-Right Hand Injector	Full size elevations, sections and plan of injector	8.1.90	1890	T18	J66	PT-C	528	3
7129	Six Wheels Coupled Tank Engines Class T18-Left Hand Injector	Full size sections and elevations and plan of injector	24.1.90	1890	T18	J66	PT	507	3
7130	Six Wheels Coupled Tank Engines Class T18, G75-Blast Pipe	Full size sectional elevations and plan of blast pipe and top Endorsed: altered 19.12.13	22.3.86	1886	T18 G75	J66 J68	PT-C	473	2
Ren 7131	Reversing Lever, Sector and Rod for Engines Class T18, G75, B74 (J65, 66 & 68, Y4)-Rod and Pins Only for T18 with Screw Reversing Gear	Full size details of components Endorsed: alterations for classes B74 & G75	- .4.33	1933	T18 G75 B74	J65 J66 J68 Y4	PL-C	493	2
Att 7131	Alteration to Reversing Sector B74 Class	Full size elevations of sector	20.5.13	1913	B74	Y4	PT-C	493	2
7132	Six Wheels Coupled Tank Engines Classes T18, K19, H21, G75-Leading Sand Box and Details	6" to 1' elevation, section and plan of sand box Endorsed: altered 31.8.92, 22.12.92 and 24.8.95; see Attachment for shunting engine B74 6.5.13 My comment: very bad condition	24.3.86	1886	T18 K19 H21 G75	J66 J68	PT-C	521	4
Att 7132	Alteration to Sand Box for B74	6" to 1' elevation, section and plan of sand box Endorsed: altered 2.9.07 and 6.5.13	24.3.86	1886	B74	Y4	PT-C	521	4
7133	Six Wheels Coupled Tank Engines Class T18, E22-Footsteps	3" to 1' elevations and plan of footsteps for E22 class and T18 Class Endorsed: altered 16.12.03 and 18.12.03; modified for B32	3.12.95	1895	T18 E22	J66 J65	PT-C	548	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7134	Six Coupled Tank Engines T18, K19, H21, T21-Arrangement of Cab and Tanks	3" to 1' elevations and plan of cab, bunker and tanks	31.3.86	1886	T18 K19 H21 T21	J66	PT-C	495	4
7134 Att	Six Wheels Coupled Tank Engines Class T18- Lever Reversing Only-Alteration to RH Side	1½" to 1' outline side elevation and part plan of cab and end of side tank and 6" to 1'	24.3.21	1921	T18	J66	PL-C	495	2
7134 Part	Alteration to Cab for Engines Class T21	1½" to 1' side elevation, half end elevation and half plan of cab and end of side tank	16.7.88	1888	T21	J66	PT-C	495	1
7135	Tank Engines T18, K19, H31, T21-Rod, Pipe & Clothing, Damper, Reversing, Sand and Injector Gear Arrangement	1½" to 1' side elevation of engine and plan of frame and tanks Endorsed: numerous alterations to 4.1.14	2.4.86	1886	T18 K19 H31 T21	J66	PT-C	469	4
7136 Ren	Six Wheels Coupled Tank Engines Types J66-J69-Details of Cylinder Cock Gear	Full size elevations and plans of 11 components Endorsed: for other details see Dg No 7137	14.4.30	1930	-	J66 J67 J68 J69	PL	540	1
7137 Ren	0-6-0 Tank Engines Types J65, J66, J67, J68, J69-Leading Sandbox Details	1" to 1' and full size details of components	25.1.30	1930	-	J65 J66 J67 J68 J69	PL	558	1
7138 Ren	Tank Connection Pipe	Full size section and elevations of pipe and 3" to 1' diagram of assembly	20.11.47	1947	-	J65 J66 J67 J68 J69 Y4	BP-I	575	1
7138 Att	Four Wheels Coupled Shunting Engines Class B74, Y4-Tank Connection Pipe	3" to 1' plan of pipe and connections	15.6.13	1913	B74	Y4	BP-L	575	2
7139		3" to 1' general arrangement of ash pan and full size details of fittings				J65			1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	Ash Pan Arrangement Classes J65, J66, J67-1 and J67-2	Endorsed: for details see Dg No 7140E; for firebars see Dg Nos 26384-E and 26384-E Att	18.12.52	1952	-	J66 J67/1 J67/2	PL	470	
7140 Ren	Ashpan Details Class J65, 66, 67/1, 67/2	3" to 1' and full size details of components	17.12.52	1952	-	J65 J66 J67/1 67/2	PL	526	1
7141	Six Wheels Coupled Tank Engines T18 Class & B74-Firebars	Full size elevations and plan of 2'2" firebars Endorsed: altered 14.5.01, 19.6.12 and 1.4.13	14.4.86	1886	T18 B74	J66 Y4	PT-C	600	4
7142	Six Wheels Coupled Tank Engines Class T18- Stays for Tanks	Full size elevations and section of stay and method of fixin Endorsed: altered 15.8.07	15.4.86	1886	T18	J66	PT-C	535	2
7144	Six Wheels Coupled Tank Engines Class T18- Suction Pipe Elbow, Injector Rod Guide and Brake Column Stay	Full size details of components	22.4.86	1886	T18	J66	PT-C	524	2
7146	Arrangement of Firebrick Arch for Tank Engines T18	1½" to 1' sectional elevations of firebox showing position of arch and full size section of stud	4.6.86	1886	T18	J66	PT-C	568	1
7148	Six Wheels Coupled Tank Engines Class H21- Trailing Sand Box and Details	6" to 1' elevations, section and plan of sandbox and full size details of components Endorsed: altered 17.5.88	27.9.87	1887	H21	J66	PT-C	539	2
7149 Ren	Six Wheels Coupled Tank Engines T18 Class- Leading, Driving and Trailing Springs	Full size half elevation and plan with section of 11 plate spring 2' 11 ¼" centres unloaded Endorsed: altered 12.33	- .5.25	1925	T18	J66	PL-C	502	2
7150	Six Wheels Coupled Tank Engines Class T21- Arrangement of Westinghouse Brake	1½" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered 1.10.88 and 23.3.04	26.6.88	1888	T21	J66	PT-C	536	2
7151	Six Wheels Coupled Tank Engines Class T21 Class (T18)- Westinghouse Brake Details	3" to 1' elevations and plans of components	28.5.88	1888	T18 T21	J66	-	465	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7152 Ren	Six Wheels Coupled Tank Engines Classes T21, E22, No 294-Details of Screw Reversing Gear for Engines with 140 & 160 Lbs Pressure R&S24	1½" and 3" to 1' details of brake wheel, shafting, brackets and index plate Endorsed: for engines with 180 Lbs pressure see dg No 11589, for goods tanks see Dg No 7131	18.3.07	1907	T21 E22 R24 S24	J66 J67 J69	 PT-C	488	3
7203	Tar Tank for Tank Engines Class T18	3" to 1' elevations and plan of tank interior dimensions 4'6" long, 9" deep and 1'0" wide and full size elevation and plan of a filling plug	20.5.86	1886	-	-	PT-C	596	1
7207	Sketch Showing Position of Holes in Firebox for Burning Liquid Fuel	3" to 1' cross and longitudinal sections of firebox showing holes D&P 1505	31.5.86	1886	D&P 1505	-	PT-C	492	2
7216	Tar Injector	Full size sections, elevation and plan of injector	8.7.86	1886	-	-	PT-C	578	3
7222	Liquid Fuel Tank D&P No 9 M15 Class	3" to 1' elevations and plan of rectangular tank external dimensions 7'6" long, 1'9 ½"	20.7.86	1886	M15 D&P9	-	PT-C	484	2
7226	Four Wheels Coupled Express Engines Class T19-Framing Arrangement	1½" to 1' arrangement of framing Endorsed: numerous alterations to 3.4.02	6.1.87	1887	T19	D13	PT-C	506	4
7226 Att	For V29 and future Eng's.	Full size elevation of clack box flange My comment: attached to Dg No 7266 but unnumbered	1.4.92	1892	V29	D13	PT-C	506	1
7228	Four Wheels Coupled Express Engines Class C32, T26-Leading Axle	Full size part elevation of axle and 3" to 1' elevation of complete axle Endorsed: altered 9.9.86 and 10.12.86	24.7.86	1886	C32 T26	F3 E4	PT-C	550	4
7231	Engines Classes T19, T26, D27, C32-Inside Leading Axlebox and Hornblocks	6" to 1' sectional elevations and plan of assembly Endorsed: altered 21.7.93; this drawing worked to for C32 and future engines of the above classes	20.7.92	1892	T19 T26 D27 C32	D13 E4 - F3	 PT-C	567	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7232	Engines Classes T19, T26 and C32- Hornblock and Axlebox (Outside Leading)	6" to 1' elevations, sections and plan of assembly Endorsed: for axlebox for T19, T26, D27 see Dg No 9617; for axlebox C32 see Dg No 13678 7.4.04; altered 21.1.03	19.7.86	1886	T19	-	PT-C	606	4
7233	Four Wheels Coupled Express Engines Class T19-Driving and Trailing Hornblock and Axlebox	6" to 1' elevations, section and plan of components Endorsed: classes C32 and N31 added 17.11.92; axlebox for compound goods D&P203 13.6.87; for hornblock see Dg No 7446; see Dg No 9341	24.7.86	1886	T19 C32 N31	D13 F3 J14	PB-C	513	3
7235	Four Wheels Coupled Express Engines Classes T19, S20, F21, LM68 and Tank Engines C32-Reversing Shaft	Full size details of components and 3" to 1' arrangement of complete shaft Endorsed: numerous alterations for several classes to 13.2.11	5.8.86	1886	T19	D13	PT-C	548	4
7236 Ren	Connecting Rod Engines Classes T19, T26, N31, B32	Full size elevations and plan of 5' 11" centres connection rod and 6" to 1'details showing alteration to white metalling big end brasses for engines class T26 with built up crank axles Endorsed: numerous alterations to 22.12.48	- .6.21	1921	T19 T26 N31 B32	- E4 J14 J66	PL-C	472	2
7236 Att	Engines Types D13, E4, F3 GE Classes T19, T26, C32-Connecting Rod Strap with Wire Trimmed Oil Box	Full size elevation and plan of strap Endorsed: altered 6.4.27 & 8.33	12.8.25	1925	T19 T26 C32	D13 E4 F3	PL-C	472	2
7238	Four Wheels Coupled Express Engines Classes T19, S20, F21, LM68, T26, G27, N31, Tank Engines Class C32, S44-Valve Spindle Guide	Full size sectional side elevation, end elevation and plan of guide 16.1.91; altered for class V29 and future engines 11.2.92	27.7.86	1886	T19	D13	PT-C	568	4
7239		Full size elevations of sheaves and 3" to 1' showing angle of eccentrics for various classes			T19	D13			3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	Engines Classes T19, T26, C32, N31, F48, G58, S44, S46, M15 Rebuilt-Eccentric Sheaves	Endorsed: not required for D56, see DG No 11460	30.4.15	1915	T26 C32 N31 F48 G58 S44 S46 M15	E4 F3 J14 J16 J17 G4 D14 F4	PT-C	540	
7245 Ren	Four Wheels Coupled Express Engines Classes T19 and T26, Six Wheels Coupled Goods Engines N31, Four Wheels Coupled Tank Engines Class M15 Rebuilt, C32 & S44-Details of Motion	Full size elevations and plans of components	10.2.22	1922	T19 T26 N31 M15 C32 S44	D13 E4 Y14 F4 F3 G4	PL-C	528	2
7251	Express Engines P43 Class-Slide Valve	Full size elevations, plan and sections Endorsed: altered 15.6.15 & 11.7.13 for classes T26, D27, M15, N31	15.7.08	1908	P43	-	PT-C	509	4
7259 Ren	Engines Classes T19, T26, D27, C32-Leading Splasher (Leading and Trailing C32 Class)	Full size elevation and plan of splasher with details of brackets Endorsed: altered 24.8.21 and 21.7.33	23.10.95	1895	T19 T26 D27 C32	D13 E4 - F3	PT-C	551	3
7268	Express Engines T19 Class, T26, D27	Full size half elevation and plan and section of 13 plate spring 3'5 1/4" centres unloaded Endorsed: altered 12.33	22.8.87	1887	T19 T26 D27	D13 E4 -	PB-C	505	3
7269	Express Engines T19 Class, T26, D27-Inside Leading Spring	Full size half elevation, plan and section of 7 plate spring 3' 5 1/4" centres unloaded Endorsed: altered 12.33; for inside leading and trailing tank engines class C32 27.10.92	30.8.87	1887	T19 T26 D27	D13 E4 -	PB	550	4
7272	Liquid Fuel Tank D&B No 9	3" to 1' elevations, sections and plan of	17.10.95	1995	M15	F4	PT-C	543	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7303	Liquid Fuel Tank D&P No 9	shaped rectangular tank to fit across top of	7.10.80	1880	M15	F5	PT-C	542	
7378	Exhaust Valve and Box for Six Coupled Tank Engines T18 Class Fitted with Condensing Gear D&P 120	6" to 1' elevations, sections and plan of valve and box Endorsed: altered 11.5.91 and 25.7.07	10.1.87	1887	T18	J66	PT-C	546	4
7379 Ren	H14, Z14, L15 Tenders and All New Tenders- Cast Iron Strainer for Feed Cock	Full size elevations and plan of strainer	- .1.10	1910	H14 Z14 L15	-	PL-C	597	2
7393 Ren	Slide Bar Engines Type F4, 5 and 6 and J15	3" and 6" to 1' and full size details of 7 components	21.7.33	1933	-	F4 F5 F6 J15	PL	547	1
7394	Standard Injector Steam Cock	Full size sections, elevations and plan of cock My comment: print updated to 6.35	3.10.95	1895	-	-	P	538	1
7395	Six Wheels Coupled Tank Engines Class P29, G75-Expansion Bracket	6" to 1' elevation and plan of bracket and section showing attachment to frame Endorsed: altered 13.9.05, 23.5.07 & 18.5.08	10.11.04	1904	G75	J68	PT-C	483	4
7424	Tender Spring	Full size half elevation, plan and section of 12 plate spring 3' 10" centre unloaded	22.9.87	1887	-	-	PB-C	486	2
7441	Six Coupled Tank Engines Class T18 Class- Back Cylinder Cover for Piston Rods with Enlarged Ends	Full size elevation, section and plan of cover Endorsed: altered 20.8.97; for back cover with metallic packing see Dg No 13675 4.12.03	30.1.91	1891	T18	J66	PT-C	472	3
7446 Ren	Horn Blocks	6" to 1' elevations and plan of hornblocks with table of dimensions for different classes and application Endorsed: numerous alterations to May 1935	- .4.15	1915	-	-	PL-C	547	3
7452	Eccentric Strap and Rod for Engines Classes T19, M15 Rebuilt, S46, F48, H50, G58, G69	Full size elevations and plan of straps Endorsed: alterations to 5.12.33 My comment: drawing badly damaged	4.8.87	1887	T19 M15 Reb S46	D13 F4 D14	PT-C	537	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					F48 G58 G69	J16 J17 F6			
7452 Part	Eccentric Strap for Engines Classes S46 and F48-D15 and J17	Full size elevations and plan of straps Endorsed: altered 8.33	- .10.23	1923	S46 F48	D15 J17	PL	537	1
7516	Details of Model Link Motion	3" to 1' details of numerous components	25.7.90	1890	-	-	PT-C	559	2
7539	Cast Iron Cover for Trailing Sandboxes M15	Full size sectional elevations and plan of cover	17.9.87	1887	M15	F4	PT-C	523	2
7589	Covered Goods Wagon	1½" to 1' general arrangement of 15' 1" over body covered goods wagon with 9'0" wheelbase	25.1.88	1888	O21	15W	PT-C	596	2
7630	Six Wheels Coupled Tank Engines Class T21- Cast Steel Wheels	Full size half elevation and section of 12 spoke wheel 4' 0" on tread and section of spoke Endorsed: altered 8.10.13; for T21 class see Dg No 7714	1.3.88	1888	T21	J66	PT-C	476	2
7693	Alteration to Brake Gear for Four Wheeled Tenders	1½" to 1' elevation of gear without tender details and full size details of components Endorsed: altered for six wheel tenders 8.8.88	22.6.88	1888	-	-	PT-C	547	2
7707	Six Wheels Coupled Tank Engines Class E22- Foundation Ring and Expansion Bracket	3" to 1' elevation and plan of bracket and complete ring, full size details of riveting and fixing Endorsed: altered 17.7.90 & 4.5.99; for B32 see Dg No 8738	13.6.88	1888	E22	J65	PT-C	469	1
7707 Part	Foundation Ring for Renewals Tank Engines Nos 159 and 407 to 416	Full size details of riveted corner	- .3.96	1896	E22	J65	PT-C	469	1
7708	Six Wheels Coupled Tank Engines Class E22 and T18 Class Boilers after T21-Roof Bars	Full size elevation and plan of bar and 3" to 1' elevations of 3 types of bar Endorsed: see also drawing same number dated 1890; altered 28.6.88 and 29.12.92	28.5.88	1888	E22 T18	J65 J66	PT-C	540	3
7708	Six Wheels Coupled Tank Engines Class E22- Roof Bars	Full size elevation and plan of bar and 3" to 1' elevations of 2 types of bar	24.11.90	1890	E22	J65	PT-C	540	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7709	Six Wheels Coupled Tank Engines Class E22, B26-Boiler	1½" to 1' elevations, sections and plan of boiler and full size sections of riveting Endorsed: numerous alterations to 16.1.99 My comment: drawing badly damaged	23.7.88	1888	E22 B26	J65 J66 J67	PT-C	547	4
7710	Six Wheels Coupled Tank Engines Class E22-Framing	1½" to 1' elevations and plan of frame Endorsed: altered 1.8.05 & 28.5.07	31.7.88	1888	E22	J65	PT-C	502	3
7711 Ren	Six Wheels Coupled Tank Engines (Class E22)-Cylinder and Steam Chest Covers, Blast Pipe, Piston and Rod & Steam Pipe Flange	3" to 1' elevations and sections of components Endorsed: altered 8.8.21, 8.34 & 11.5.48	- .9.21	1921	E22	J66	-	465	2
7712 Ren	Six Wheels Coupled Tank Engines Class E22-Crank Axle	Full size elevations of part axle and crank and 3" to 1' elevations of complete assembly Endorsed: for leading and trailing axles see Dg No 7109; altered 9.11.25	14.1.18	1918	E22	J65	PT-C	540	2
7713	Six Wheels Coupled Tank Engines Class E22, T21, R24, S24, G75-Coupling Rod	Full size elevation and plan of coupling rod with dimensions Endorsed: altered 5.5.03 and 26.8.07; superseded by Dg No 25675 My comment: badly damaged	4.6.88	1888	E22 R24 G75	J65 J67 J69	PT-C	539	4
7714	Six Wheels Coupled Tank Engines Class E22-L. D. and T. Cast Steel Wheels	Full size quarter elevation and half section of 10 spoke wheel 3' 6" to rim and 3" to 1' elevation and section of complete wheel Endorsed: for T21 class and all future engines T18 class work to attached blue copy My comment: blue copy not with this drawing	18.6.88	1888	E22	J65	PT-C	545	3
7714 Part	Finished Dimensions are Given-Cast Steel Wheels T21 Class and all future Engines T18	3" to 1' elevation and sections of two cast wheels 3'6" diameter on rim	19.3.89	1889	T18	J66	PB-C	585	2
7715 Ren	Six Wheels Coupled Tank Engines Class E22-Cast Steel Crosshead	Full size elevation, sections and plan of crosshead Endorsed: altered 5.3.35	10.2.22	1922	E22	J66	PL-C	545	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7716	Six Wheels Coupled Tank Engines Class E22- Cast Steel Motion Plate	Full size elevations and sections of plate and 3" to 1' elevation and plan of whole plate Endorsed: altered 22.7.92 and 24.7.39	7.7.88	1888	E22	J65	PT-C	607	3
7717	Six Wheels Coupled Tank Engines Class E22- Cab and Tanks	1½" to 1' elevations and plan of cab and tanks Endorsed: altered 12.5.03, 31.5.12 and 12.1.21	7.8.88	1888	E22	J65	PT-C	524	3
7718	Six Wheels Coupled Tank Engines Class E22- Tank Stay	Full size elevations of stay and sectional view of fixing to boiler	7.9.88	1888	E22	J66	PT-C	506	3
7719	Six Wheels Coupled Tank Engines Class E22- Foundation Ring for Copper Fireboxes	3" to 1' elevations and plan of ring and full size details of corner rivets	11.7.88	1888	E22	J66	PT-C	479	2
7720 Ren	Engines Type J65-Connecting Rod	Full size elevation and plan of rod 5'4 ½" centres Endorsed: altered 23.4.41; also use standard oil cup covers to Dg No 26001 with adaptors to Dg No 29313 8.33	- .2.33	1933	-	J65	BP-L	497	2
7721	Six Wheels Coupled Tank Engines Class E22- Copper Firebox	1½" to 1' sectional elevations and plan of firebox Endorsed: all new boilers to be fitted with 1" bronze flexible stays 11.7.01; see Dg No 10588 for future engines and renewals 16.1.99	28.7.88	1888	E22	J65	PT-C	546	2
7723	Six Wheels Coupled Tank Engines Class E22- Slide Valve	Full size section, elevation and plan of valve Endorsed: altered 6.5.03 and 16.4.07	29.8.88	1888	E22	J65	PT-C	590	3
7724	Six Wheels Coupled Tank Engines E22 Class- Brake Arrangement	1½" to 1' elevation and plan of engine showing hand and power brakes Endorsed: altered 24.7.95 and 12.1.21	18.10.85	1885	E22	J65	PT-C	579	4
7725	Six Wheels Coupled Tank Engine R24 & E22 Classes-Brake Details	3" to 1' details of numerous components Endorsed: altered 13.7.23 and 28.8.48; see also Dg No 29531 My note: drawing badly damaged	10.12.95	1895	E22 R24	J67	PT-C	544	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7726	Six Wheels Coupled Tank Engines E22 Class-Slide Valve Spindle	Full size elevation and plan of valve spindle Endorsed: altered 27.5.08 & 15.7.21	13.9.88	1888	E22	J66	PT-C	470	4
7728	Six Wheels Coupled Tank Engines Class E22-Frame Stay	Full size elevations of stay Endorsed: altered 31.8.92 for B32 class; altered 1.8.05 My comment: drawing poor but side elevation intact	3.10.88	1888	E22	J65	PT-C	599	4
7729	Six Wheels Coupled Tank Engines Class E22-Arrangement of Pipes and Clothing	1½" to 1' elevations and plan of engine Endorsed: altered 14.2.94, 10.9.97 and 26.10.00 My comment: end elevation missing	1.11.88	1888	E22	J65	PT-C	537	4
7730	Six Wheels Coupled Tank Engines Class E22-Details of Cylinder Cock Gear	Full size details of components	10.10.88	1888	E22	J65	PL-C	584	3
7731	Six Wheels Coupled Tank Engines Class E22, B26-Ash Pan for Steel Box	3" to 1' elevations and plan and fitting to frame Endorsed: altered 14.11.90, 12.12.90, 13.4.96 and 3.5.07	1.12.88	1888	E22 B26	J65 J67	PT-C	543	2
7793	Arrangement and Details of Spring Gear for Standard Tenders	3" to 1' arrangement of gear and full size details of components Endorsed: altered 19.3.89, 16.4.89 and 10.5.89	5.10.88	1888	-	-	PT-C	586	3
7796 Ren	Cast Steel Motion Plates	3" to 1' elevations and plans of 4 plates for classes D13, E4 and F3, F4, J15, J66-69	- .10.32	1932	-	D13 E4 F3 F4 J15 J66 J67 J68 J69	PL	484	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7803	Cast Steel Roof Bars-Standard Boiler	Full size half elevation, section and plan of roof bars and components and 3" to 1' elevations of complete roof bar	9.10.88	1888	-	-	PT-C	467	2
7803 Att	Roof Bars for Standard Boilers with 160 Lbs Pressure per Sq In	3" to 1' elevation with sections of roof bar Endorsed: altered 7.7.98 & 18.7.98; for roof bar bolts see Dg No 10492; altered for P55 class 10.3.03	6.7.98	1898	P55	F5	PL-C	467	1
7822	Tenders S23-Frame Arrangement	1½" to 1' elevations and plan of tender frame 18'3" long, 6'6" and 5'6" wheelbase Endorsed: see Dg No 10879 for last 7 of I50 and future engines; see Attached tracing for R43 29.3.98; see Dg No 7854 for tank	10.4.89	1889	S23	-	PT-C	582	3
7822 Att	Sketch Showing Alteration to Frame S23 Class	1½" to 1' outline elevation and plan showing alteration to spring suspension	-	-	S23	-	PT-C	582	4
7822 Part	Alteration to Frame of Tender No -	1½" to 1' outline elevation of frame showing details of axlebox guides	17.3.90	1890	S23	-	PT-C	582	2
7823	Tender Class S23-Cast Steel Wheel	Full size quarter elevation and half section of 4' 1" wheel on tread with 10 spokes Endorsed: altered 18.9.89 and 21.3.90	12.3.89	1889	S23	-	PT-C	540	3
7824 Ren	Tender Class S23-Axlebox	Full size elevations, sections and plan of axlebox for journal 10" x 5 ½" diameter My note: original drawing dated 6.89	-	-	S23	-	BP-L	580	3
7830	Steel Connecting Pipe T19 & Y14 Classes	Full size elevations of 2" internal diameter pipes with flanges	26.8.89	1889	T19 Y14	- J15	PT-C	486	2
7832 Ren	Tank Engines Types J66-J69-Arrangement and Details of Spring Gear with Rubbers	3" to 1' side elevation of arrangement and full size details of gear	20.3.30	1930	-	J66 J67 J68 J69	BP-L	539	2
7839	Arrangement of Footsteps-Tenders P22, S22	3" to 1' elevations and plans of leading and trailing footsteps	16.1.89	1889	P22 S22	-	PT-C	501	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7854 Ren	Tender Tank Class S23	1½" to 1' elevations, section and plan of tender tank	- .3.29	1929	S23	-	PL	558	2
7855	Tender Class S23-Sieve	Full size half plan and sectional elevation of sieve and over flow pipe	5.3.89	1889	S23	-	PT-C	487	4
7858	Tenders Class S23-Spring	Full size half elevation and section and half plan of 12 plate spring 3' 10" centres unloaded Endorsed: see Dg No 22330 for 15 plate tender springs for large tenders for engines classes S46, F48, D56, G58, S69 and D81 22.11.20; altered 12.33	29.8.89	1889	S23	-	PB-C	543	3
7862	Cast Steel Roof Bars F32 Compound Goods Engines	3" to 1' elevations of 3 types of roof bar Endorsed: altered 20.5.92 and 8.11.00	4.6.89	1889	F32		PB-C	543	2
7883	Tenders Class S23, C32-Flanged Plates	3" to 1' elevations and plans of 6 plates	26.3.89	1889	S23 C32	-	PT-C	539	2
7898 Ren	Details of Westinghouse Hand and Steam Brake for Tenders	3" to 1' details of numerous components Endorsed: altered 13.7.33, 24.5.34 and 26.8.48	- .2.18	1918	-	-	BP-L	543	3
7900	Tender Class S23, R43-Details of Spring Gear	Full size details of 5 components Endorsed: altered for R43; for modification to spring gear see dg No 35134	- .1.99	1899	S23 R43	-	PT-C	569	2
7904	Tenders Class S23-Connections for Feed Cock	Full size details of connection	15.5.89	1889	S23	-	PT-C	485	4
7904 Att	0-6-0 Tank Engines with Injector Arrangement to Dg No 19985-Feed Water	Full size elevations of cock and bracket	30.3.15	1915	-	-	PL-C	485	2
7914 -1 Ren	Tender Class 1500 Type B12 and J15-Drawbar and Safety Link Rubbing Plates	Full size details of 5 components Endorsed: altered 4.12.33	7.7.19	1919	-	B12	P	583	1
7917	Coupled Engines Classes Y14, O18, N31, C32-Back Cylinder Cover and Piston Rod	Full size sections and elevations of components Endorsed: numerous alterations for various classes to 11.5.48 My comment: drawing badly damaged	- .3.98	1898	Y14 O18 N31 C32	J15 F4 J14 F3	PT-C	540	41

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7917 Att	Four Wheels Coupled Bogie Tank Engines Class S44-Back Cylinder Cover to Suit	Full size section and elevation of cover	1.11.21	1921	S44	G4	PL-C	540	2
7933	Underframe for Gas Reservoir	1" to 1' arrangement of wood underframe 29'6" over headstocks, 14' wheelbase, with single tank to Dg No 7975, 6' 10 1/4" diameter	18.9.89	1889	-	-	PT-C	476	1
7946	Six Wheels Coupled Tank Engines R24 Class-Cab and Tank Arrangement	1 1/2" to 1' elevations and plan of cab and tank Endorsed: altered 26.6.01, 31.5.12 and 1 11.34 My note: drawing in appalling condition	2.9.89	1889	R24	J67	PT-C	471	4
7947	Four Coupled Shunting Tank Engines B74 Class-Tank Sieve and Cover Details	Full size side elevation and half plan of cover and 3" to 1' section of sieve Endorsed: work to black dimensions for G69 and L77; work to red for P55; see Dg No 23269 for L77 10.12.20	6.7.89	1889	B74 G69 L77	Y4 F6 N7	PT-C	508	4
7948	Six Wheels Coupled Tank Engines Class R24-Tank Stay	Full size elevation and plan of stay and details of fixing Endorsed: altered 20.10.04	26.6.89	1889	T18	J66	PT-C	465	2
7949	Six Coupled Tank Engines R24 Class-Framing Arrangement	1 1/2" to 1' elevations and plan of framing Endorsed: altered 18.11.90 & 5.10.93 My note: drawing in appalling condition	31.7.89	1889	R24	J67	PT-C	481	4
7949 Ren	Framing Arrangement Class J67	1 1/2" to 1' side and end elevation and plan of frame with wheels and springing	26.7.51	1951	-	J67	PL	494	1
7950	Six Wheels Coupled Tank Engines R&S24-Brake Arrangement, etc.	1 1/2" to 1' arrangement shown on outline of engine Endorsed: altered 23.3.04	- .1.90	1890	R24 S24	J67	PT-C	463	4
7950	Six Wheels Coupled Tank Engines Class R&S24, S56-Brake Arrangement. Etc.	1 1/2" to 1' outline elevations and plan of engine showing brakework	- .4.42	1942	R24 S24 S56	J67 J69	BP-L	486	1
	Food Pipe Connections and Westinghouse	Full size elevations and sections of components							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7951	Feed Pipe Connections and Westinghouse Pump Steam Pipe Six Coupled Tank Engines	Endorsed: altered for various classes 16.1.94 & 26.9.96 including I45, S45, X45, R&S24, P29, B32	28.11.89	1889	-	-	PT-C	478	
7952	Six Coupled Tank Engines R24 Class and Tenders S23 Class Brake Levers, Hangers and Brackets	3" to 1' details of gear taken from Dg No 7898 Part-3 sets for standard tenders, one with Westinghouse brake and Dg No 7725 Part -4 sets all for 6 wheels coupled tank engines	2.2.91	1891	-	-	PB-C	556	2
7974	Arrangement and Details of Inside Leading Spring Brackets and Engines Classes T19, T26, D27, C32	3" to 1' elevation showing arrangement of brackets and hangers and full size details of components Endorsed: altered for O33 and future engines	- .1.96	1896	T19 T26 D27 C32	D13 E4 - F3	PT-C	527	3
7977	Express Engines T24, C32-Leading Wheel	Full size elevation of section of 10 spoke cast steel wheel 4' 0" on tread and section Endorsed: altered 21.3.90, class C32 added 13.1.93 and altered 7.10.13	2.9.89	1889	T24 C32	- F3	PT-C	461	1
7977 Part	Engine Wheel Adapted for Tenders	Full size section of wheel showing 8" diameter bore for tender axle Endorsed: altered 7.10.13	24.3.90	1890	-	-	PT-C	461	1
7992	Ironwork for Travelling Gas Reservoir	3" to 1' details of some underframe components for steel framed wagon 7'9" wide	24.9.89	1889	-	-	PT-C	463	1
8008 Ren	Standard 4 1/4" Regulator for Engines with Cylinders Under 17Ins Diameter	Full size elevations, sections and plan of regulator Endorsed: altered for B74 class, undated; for jockey valve see Dg No 31606 17.2.34; altered 3.10.56	- .9.17	1917	B74	Y4	PL	522	2
		3" to 1' sectional elevations, side and end elevation of firebox			T24	E4			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8009	Express Engines T24, T19 Class-Firebox	Endorsed: all new boilers to be fitted with 7/8" bronze flexible stays 22.10.96; altered to 1" 11.7.01; for new arrangement of tubes see Dg No 15099 26.11.06 for class L28	6.3.90	1890	T19	D13	PT-C	574	
8011	Six Wheels Coupled Goods Engines Y14 Class-Eccentric Sheaves	Full size elevations of sheaves Endorsed: numerous alterations; superseded by Dg No 15908 17.1.07; additional classes added T18, R24, 552, E22, P55	26.10.89	1889	Y14	J15	PT	464	4
8015	Tender Class S23-Horn Blocks	Full size elevations and plan of blocks Endorsed: altered 5.4.94; for S24 and future tenders	25.11.89	1889	S23	-	PT-C	530	3
8029	Four Wheels Coupled Express Engines Class T24, T26, D27-Ashpan	3" to 1' elevations, section and plan of ashpan and full size section showing method of fixing to frames Endorsed: numerous alterations to 5.7.97	15.11.89	1889	T24 T26 D27	D13 E4 -	PT-C	545	3
8029 Part	Alteration to Damper Door T26 Class	3" to 1' elevations of door and details of components Endorsed: cancelled 5.7.97	5.3.91	1891	T26	E4	PT-C	545	2
8036	Four Wheels Coupled Express Engines Class S29 (T19) and T26-Boiler Arrangement	1½" to 1' elevations, sections and plan of boiler with full size details of riveting	23.11.93	1893	T19 T26	D13 E4	PT-C	575	4
8037	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Framing	3" to 1' detailed side elevation and plan of framing, wheels and axles Endorsed: altered 8.8.97 and 4.3.13 My comment: badly damaged	8.9.90	1890	T26	E4	PT-C	539	4
8038	D&T Cast Steel Wheels and Crank Pin Four Wheels Coupled Engines Class T26	Full size part elevation and sectional plan of 16 spoke wheel 5' 8" diameter on tread for which pattern on M15 class is to be altered and 1 ½" to 1' elevation of complete wheel Endorsed: for future wheels see Dg No 8287 11.2.92; engines 417 to 446 with left hand crank leading	28.6.90	1890	T26	E4	PT-C	524	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8039	Four Wheels Coupled Mixed Traffic Engines Class T26-Brake Arrangement	1½" to 1' outline elevations of engine and half plan showing arrangement of brake gear Endorsed: numerous alterations to 27.7.34	13.2.91	1891	T26	E4	PT-C	500	4
8040	Four Wheels Coupled Mixed Traffic Engines Class T26-Bottom of Trailing Sand Box	1 ½" to 1' elevations and plan of sand box in relation to cab and splashers Endorsed: numerous alterations to 9.20; frame Dg No 8027 My comment: badly damaged	7.10.90	1890	T26	E4	PL-C	521	4
8042	Four Wheels Coupled Engines Class T26, M15 Rebuilt-Reversing Shaft	1½" to 1' elevation of shaft and full size details Endorsed: altered for M15 class rebuilt 23.2.95; altered 24.10.08	-	1889	T26 M15	E4 F4	PT-C	487	3
8043	Four Wheels Coupled Engines Class T26-Driving and Trailing Spring Details	3" to 1' arrangement of springs and hangers and full size details of components Endorsed: altered 8.4.94	29.5.90	1890	T26	E4	PT-C	542	4
8043 -1	Set Cast Steel Driving and Trailing Spring Brackets	3" to 1' elevations and plan of bracket My comment: Stores Ordering drawing	10.11.48	1948	-	E4	P	542	2
8044	Four Wheels Coupled Engines Class T26, C32, T24-Outside Leading Spring Bracket and Arrangement of Rubbers	Full size elevations and plan of bracket and sectional view of rubbers Endorsed: altered 13.2.91, 18.8.97 & 27.11.02	2.6.90	1890	T26 C32 T24	E4 F3 D13	PT-C	498	4
8045	Four Wheels Coupled Engines Class – Coupling Rod	Full size elevation and plan of rod 8' 9" centres Endorsed; altered 23.8.07 & 5.3.41; see Dg No 25595 for new rod with large oil box 22.6.25	?	?	?	?	PT-C	476	4
8046	Four Wheels Coupled Engines Class T26-Reversing Rod	3" to 1' elevations and plan of rod with full size details of each end Endorsed: altered 6.9.92	7.7.90	1890	T26	E4	PT-C	487	2
		1½" to 1' outline side and end elevation and plan of 2-4-0 engine							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8047	Four Wheels Coupled Engines Class T26-Rod, Pipe and Clothing Arrangement	Endorsed: to green for Z30 and future engines 24.6.92; amended 16.11.92, 8.12.92 & 11.3.96 My comment: most of end elevation missing; details extracted from office copy, no Shannon card	3.12.90	1890	T26	E4	PT-C	605	
8048	Four Wheels Coupled Engines Class T26-Slide Valves and Spindle	Full size elevations and section of component Endorsed: altered 26.9.90, 3.11.92, 8.11.07 and 15.6.11	-	-	T26	E4	PT-C	582	3
8049	Four Wheels Coupled Goods Engines-Feed Connections between Engine and Tender	3" to 1' elevation and plan of feed connections between engine and tender Endorsed: altered 28.10.92 & 20.5.07; for arrangement and details of feed connections between 1500 class engine and tender see Dg No 22382; for details of clips see Dg No 32444 25.3.35	19.7.90	1890	?	-	PT-C	469	4
8049 Att	Six Wheels Coupled Engines N31-Feed Connections between Engine and Tender	3" to 1' elevation and plan showing connections	9.12.92	1892	N31	J14	PT-C	469	2
8050	Engines T26-Brakework Details-Westinghouse	3" to 1' details of components and brackets for brakework Endorsed: E4 pump brackets to Dg No 10850; for E4 boilers to Dg No 22206; altered 5.4.07	27.1.06	1906	T26	E4	PT-C	584	4
8077 Ren	Four Wheels Coupled Express Engines T24 Class T19 and P43-Details of Spring Gear	Full size elevations and plan of spring suspension gear Endorsed: altered 12.12.06	- .9.04	1904	T19 P43	D13 -	PT-C	548	3
8077 Part	Bogie Single Express Engines Class P43-Outside Driving Spring Hangers	Full size elevations of hangers Endorsed: altered 11.6.98	6.6.98	1898	P43	-	PT-C	548	2
8103	Gauge Column and Details for Tenders Nos 127, 815, 874	Full section and elevation of column 5'9" centres	20.2.90	1890	-	-	PT-C	585	1
8111	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599, Y14, K15-Leading,	6" to 1' elevations and plan of hornblock		1890	Y14	J15	PT-C	511	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8144	Driving and Trailing Hornblocks Driving and Trailing to Red, Leading to Black	Endorsed: numerous alterations to 26.11.25		1890	K15	D15	PB-C	511	
8160	Six Coupled Tank Engines T21, T18, E22 Class Hornblock and Axlebox	3" to 1' elevations, sections and plans of hornblock and axlebox Endorsed: this drawing is not required for stock built after 8.07; for axlebox see Dg No 15556 for axlebox keep see Dg No 9533; for driving hornblocks see Dg No 13718; for leading and trailing see Dg No 16190 3.9.07; altered 13.2.93 & 16.1.95	2.5.90	1890	T18 E22	J66 J65	PT-C	492	4
8161	Cast Iron Wagon Brake Block	Full size elevations and plan of block with lug for flange Endorsed: altered 31.1.05 and 10.4.08; superseded by Dg No 40990 for No 14 brake block, ordinary wagons and Dg No 40991 for block 14A 20 ton coal and 40992 for 14B 14 ton Mac 4.12.40	13.8.00	1900	-	-	PB-C	589	2
8212	Cast Iron Footplate and Westinghouse Reservoirs-Engines Classes T19, T26, P43	3" to 1' elevations, section and plan of castings and fittings Endorsed: altered 30.11.06; for T19 Belpaire see attachment	- .10.06	1906	T19 T26 P43	D13 E4 -	PT-C	549	4
8212 Att	Alteration to Reservoir Footplate for T19 Class Engines fitted with Belpaire Firebox	3" to 1' part section and plan of footplate Endorsed: altered 30.11.06 and 1.10.07	25.3.02	1902	T19	D13	PT-C	549	3
8287	Cast Steel Wheels and Crank Pin-Four Wheels Coupled Engines Class Z30, C32	Full size part elevation and half section of wheel 5'2" on tread and 1 ½" to 1' elevation of complete wheel Endorsed: altered 7.10.13 and 20.12.30 My comment: title extended with the words 'for Engines with RH Crank Leading'	4.11.90	1890	Z30 C32	E4 F3	PT-C	529	2
8296	Cast Steel Adjusting Nut for Brakes Class T26, D27	Full size plan of component Endorsed: altered 24.4.96	31.10.90	1890	T26 D27	E4 -	PT-C	583	2
8297	Four Wheels Coupled Mixed Traffic Engines	Full size details of components	15.12.90	1890	T26	E4	PT-C	178	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8297	Class T26 and Goods Engines Class G73 –	Endorsed: altered 4.9.94 & 3.6.13	15.12.90	1890	G73	J15	PT-C	478	
8299	Details of Steel Underframe for Covered Carriage Truck G27	3" to 1' details of numerous components	27.11.90	1890	G27	9M	PB-C	533	1
8305	Four Wheels Coupled Tank Engines Class T26-Blast Pipe	Full size section and elevation and half inverted plan of blast pipe Endorsed: altered 21. 1.91	21.11.90	1890	T26	E4	PT-C	478	3
8321	Ashpan for Six Wheels Coupled Goods Engines Y14 Class Fitted with steel Firebox	3" to 1' elevations and half plan of ashpan Endorsed: altered 10.33; for top of ashpan see attached tracing	19.8.92	1892	Y14	J15	PT-C	530	1
8321 Part	Ashpan for Goods Engines Y14 Class Fitted with Steel Firebox	3" to 1' elevation of ashpan top Endorsed: altered 11.5.96	28.9.92	1892	Y14	J15	PT-C	530	1
8324	Steel Firebox for X28 Engines Y14 Class	1½" to 1' sections and elevation of firebox and half plan of foundation ring and full size details of stay Endorsed: altered 7.1.96 22.10.96 and 8.7.01	27.6.92	1892	Y14	J15	PT-C	577	2
8327	Foundation Ring and Expansion Bracket Y14 Class Fitted with Steel Firebox	3" to 1' elevations of foundation ring and full size details of corner riveting	6.5.92	1892	Y14	J15	PT-C	534	1
8334	Bogie Trams-General Arrangement of W-T-G-H-E Brakework	1½" to 1' part sectional side elevation and plan and sectional end elevations of	8.1.91	1891	A17	602C 603C	PT-C	525	1
8351	Six Wheels Coupled Goods Engines Y14 Class, L28, P55-Valve Spindle Guides	Full size sectional elevation and plan of guide Endorsed: altered 10.8.91	13.2.91	1891	Y14	J15	PT-C	536	1
8360 Ren	Six Wheels Coupled Goods Engines Y14 Class, L28 (Tank Engines P55, F5)-Reversing	Full size elevations of shaft and 3" to 1' plan of complete assembly	-.4.33	1933	Y14 P55	J15 F5	PL-C	577	3
8363	Six Wheels Coupled Goods Engines Y14 Class L28, P55-Dtails of Motion	Full size elevations and plan of components Endorsed: altered 24.11.13 and 19.7.21	-.3.05	1905	Y14	J15	PL	530	1
8379	Six Wheels Coupled Goods Engines L28-Y14 Class, also for Future Engines and T26 to I34 Prior-Ash Pan	3" to 1' elevations and plan of ash pan and full size details Endorsed: for I34 and subsequent engines see Dg No 9254 Endorsed: altered 14.8.91	16.3.91	1891	L28	J15	PT-C	579	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8389	Six Wheels Coupled Tank Engines Class T18-Condensing Apparatus	1½" to 1' arrangement of apparatus on outline elevations and half plan of engine and 3" to 1' details of components Endorsed: cancelled	8.4.91	1891	T18	J66	PT-C	489	3
8399	Six Wheels Coupled Goods Engines L28 (Y14)-Damper Gear Details and Future Engines T26 Class	1" to 1' elevations and plan of damper gear details Endorsed: for I34 and subsequent engines see Dg No 9254; altered 19.10.92	14.4.91	1891	Y14 T26	J15 E4	PT-C	482	4
8428 Ren	Westinghouse Exhaust Elbow, Westinghouse Steam Cock, T Piece and	Full size elevations, sections and plans of components for various classes	20.4.17	1917	-	-	PL-C	580	2
8438	Alteration to Smoke-Box Front Plate Y14 Class	1 ½" to 1' front elevation of plate and sectional elevation and full size section showing door against plate	4.5.91	1891	Y14	J15	OI-C	472	1
8441	Underframe with Gas Reservoir	1" to 1' elevations and plan of 26' 3" channel steel underframe with 6' 10 ¼" diameter gas reservoir with 22' long barrel Endorsed: guide F1 to Dg No 20701for renewals 2.11.17	17.6.91	1891	-	63W	PB-C	547	1
8442	Details of Underframe for Gas Reservoir D&P1416	1½" and 3" to 1' details of numerous components for channel steel frame	12.6.91	1891	D&P 1416	63W	PB-C	535	1
8455	Method of Repairing Westinghouse Brake Fittings	Full size details of several fittings showing method of replacing components	16.6.91	1891	-	-	PT-C	551	2
8455 Part	Westinghouse Brake Cylinder Top Head- Alteration in Red	Full size plan of top showing alternative method of repair My comment: this drawing has no number but is attached to same stick as Dg No 8455	31.5.93	1893	-	-	PT-C	551	1
8472	Six Wheels Coupled Goods Engines Class Y14-Tube Plates for 'Serve' Tubes	3" to 1' elevations of smokebox and firebox tubeplates 130 tubes per set Endorsed: altered 27.2.95 to 132 tubes My comment: drawn by Fred Russell	12.8.91	1891	Y14	J15	PT-C	553	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8474	Six Wheels Coupled Engines Y14 Class (S28)- Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: altered 21.7.92 and 26.4.99; for engines class A60 and future engines see Dg No 15005	8.10.91	1891	Y14	J15	PT-C	526	4
8503	Engines Classes K9, E10, M12, T18, Y65, G75- Eccentric Rods	Full size elevation and plan of rod	6.11.91	1891	K9 E10 T18 Y65 G75	- - J66 F7 J68	PT-C	566	4
8516	Six Wheels Coupled Tank Engines Class P29- Framing	1½" to 1' detailed elevations and plan of engine framing My comment: this is a print taken from photo tracing having right hand edge missing	19.12.91	1891	P29	J69	P	504	1
8517									
8517	Six Wheels Coupled Tank Engines P29 Class- Cab and Tank	1½" to 1' elevations of cab and side tanks Endorsed: altered 1.1.00 31.5.12 My comment: drawing hardly exists	13.1.92	1892	P29	J69	PT-C	524	4
8517 Att	Alteration to Tanks for Condensing Apparatus N33 Engines	1½" to 1' elevations of tank Endorsed: altered 30.3.94	16.1.94	1894	N33		PT-C	524	3
8518	Six Wheels Coupled Tank Engines P29-Tank Stay	Full size elevation and plan of stay and 3" to 1' section showing method of fixing Endorsed: numerous alterations to 14.1.204	17.10 91	1891	P29	J69	PT-C	489	4
8519	Six Wheels Coupled Tank Engines T18 Class P29- Foundation Ring Expansion Bracket and Sling Links	3" to 1' elevations and plan of foundation ring and expansion brackets and full size details of corner riveting and method of fixing brackets Endorsed: alterations to 4.5.99	2.11.91	1891	T18	J66	PT-C	537	3
8574	Standard Sand Box Class T19, C32, T26	3" to 1' elevations and sections and plan of sand box with dimensions to suit various classes	- .6.04	1904	T19	D13	PT-C	527	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren		Original drawing dated 31.12.92			C32 T26	F3 E4			
8602	Standard Lubricator	Full size elevations, sections and plans of lubricator and three way pieces and union Endorsed: altered 3.4.94 for R24 condensing engines; 15.3.92 and 22.7.95	1.3.92	1892	-	-	PT-C	523	4
8604	Six Wheels Coupled Tank R24 Class-Rod, Pipe and Clothing Arrangement	1½" to 1' outline elevations and plan showing arrangement of clothing Endorsed: numerous alteration to 26.1.14 My comment: in bad condition	9.3.92	1892	R24	J67	PT-C	523	4
8604 Att	Six Wheels Coupled Engines T18 Class with 180 Lbs Pressure-Alteration to Injector Steam Pipe	1 ½" to 1' details of pipe in relation to boiler Endorsed: boilers to LM's 3521 and 3522 to Dg No 13581 and Attachment	10.7.01	1901	T18	J66	PT-C	523	2
8604 Att	Six Wheels Coupled Tank Engines Class S56- Arrangement of Spike Bands for Boilers	1½" to 1' outline side elevation of boiler showing position of bands and full size	- .2.04	1904	S56	J69	PT-C	523	3
8641	Arrangement for Taking Indicator Diagrams from 644 Engine Fitted with Morton's Vale Gear	6" to 1' elevations showing arrangement of gear shown in relation to engine footplate	13.5.92	1892	G14	-	PT-C	534	1
8651	Standard Boiler	1½" to 1' plan and sections of boiler with 10' barrel and full size sections of riveting Endorsed: altered 14.12.94, 13.3.96, 22.10.96 and 7.10.13	20.10.93	1893	-	-	PT-C	525	3
8663	Express Engines Classes T19, S20, F2X -Expansion Bracket and Sling Stays N31	Full size section showing attachment to frame and 3" to 1' elevation and plan of bracket Endorsed: altered 26.4.99; other classes added	24.6.92	1892	T19 N31	D13 J14	PT-C	573	4
8675	Standard Six Wheeled Underframe	1" to 1' elevations and plan of 33' 10 ½" wood underframe with 22'6" wheelbase for 34'6" carriage stock	25.8.92	1892	-	-	P-C	469	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: brake reservoir position altered 11.11.92							
8683	Screw Couplings for Wagons	Full size elevation and plan of coupling Endorsed: altered 8.10.94	.7.92	1892	-	-	PB-C	505	1
8703	Six Wheels Coupled Tank Engines B32 Class E22-Cab and Tanks	1½" to 1' elevations and plan of cab and tanks with full size details of fixing Endorsed: altered 12.1.21; coal rails added 6.4.25	9.9.92	1892	E22	J66	PT-C	527	2
8714	Details of Ash Pan-Six Wheels Coupled Goods Engine X28 Class Y14 Fitted with Steel Firebox	Full size details of 8 components Endorsed: for other work see Dg No 8399	25.8.92	1892	Y14	J15	PT-C	574	2
8723	Six Wheels Coupled Tank Engines E22, B32 Class-Framing	1½" to 1' elevations and plan of engine framing Endorsed: altered 1.8.05	30.8.92	1892	E22	J66	PT-C	583	3
8738	Six Wheels Coupled Tank Engines E22 Class, B32-Foudation Ring and Expansion Bracket	3" to 1'elevation and part plan of ring, elevations and plan of bracket and full size details of corner riveting and method of fixing	13.10.92	1892	E22	J65	PT-C	540	2
8739	Six Wheels Coupled Tank Engines Class E22, B32-Tank Stay	Full size elevations and plan of two stays and 3" to 1' section method of fixing	19.11.92	1892	E22	J65	PT-C	529	2
8740	Six Wheels Coupled Tank Engines B32 (E22 Class)-Arrangement of Boiler	1½" to 1' elevations and sections of boiler and details of riveting Endorsed: see Dg No 10588 for future engines and renewals 17.1.99; altered 10.9.96 and 13.11.13	15.11.92	1892	E22	J65	PT-C	585	4
8741	Six Wheels Coupled Tank Engines Class E22, B32-Tank, Sieve and Details	Full size elevation and half plan of lid and 3" to 1' elevation of sieve	4.11.92	1892	E22	J65	PT-C	529	2
8742	Standard 15Ft Wagon-Details of Ironwork for Coal Wagon with Fox's Frames	3" to 1' details of numerous components for body and underframe My comment: the words 'Fox's Frames' added to title in manuscript; side stanchion altered	14.10.92	1892	-	31W	PB	518	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8744	Six Wheels Coupled Goods Engines Class N31-Blast Pipe	3" to 1' sections, elevation and plan of blast pipe for H33 and future engines	16.10.92	1893	N31	J14	PT-C	576	2
8768	Eight Wheels Main Line Tank Engines Class C32-Ashpan	3" to 1' elevations and plan in relation to framing and full size section showing fixing Endorsed: altered 5.34; for front doors for G35 see attached tracing	12.12.92	1892	C32	F3	PT-C	531	4
8768 Att	Alteration to Damper Gear to Ashpan-Mixed Traffic Engines I34 and Four Wheels	3" to 1' elevations showing front of ashpan	28.8.94	1894	I34 G35	E4 F3	PT-C	531	1
8769	Eight Wheels Main Line Tank Engines Class C32-Outside Leading and Trailing Spring Links	Full size elevations and plans of spring link Endorsed: altered 11.10.01 My comment: drawing badly damaged	9.12.92	1892	C32	F3	PT-C	543	4
8785	Six Coupled Tank Engines E22, B32-Smoke Box	3" to 1' sectional elevations of smoke box and cylinders Endorsed: altered 10.12.94 and 1.9.97	14.1.93	1893	E22	J66	PT-C	575	2
8809	Details of Tablet Changing Apparatus	Full size elevations and plan of apparatus Endorsed: for arrangement see Dg No 9814 My comment: apparatus bolted to a 7" post and in the open position presents a 3/16" plate, 6" wide and 7 1/2" deep at right angles to the track	12.12.01	1901	-	-	PB-C	540	2
8825	Wrot. Iron Post for Tablet Changing Apparatus	1 1/2" to 1' elevations of two types of post and full size details of upper and lower parts	21.1.93	1893	-	-	PT-C	582	1
8838	Six Wheels Coupled Tank Engines Class R24-Blast Pipe for Condensing Apparatus	Full size elevations, sections and plan of pipe and components Endorsed: altered 2.12.26; for alteration to condensing gear in smokebox see Dg No 14085 My comment: plan date stamped 28.12.00	25.1.93	1900	R24	J67	BP-L	505	2
8839	Standard Cupboard for Tank Engines	3" to 1' elevations and plan of cupboard with full size details	30.3.17	1917	-	-	PL	510	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
8839 Att	Four Wheels Coupled Tank Engines Class G69, L77, K85-Cupboard	3" to 1' elevations and plan of cupboard with revised dimensions for L77 and K85	11.2.11	1911	G69 L77	F6 N7	PT-C	510	2
8844	Arrangement of Condensing Apparatus Engines Class R24	1½" to 1' side elevation and plan of 0-6-0 J68-J69 showing condensing arrangement Endorsed: alterations to 18.5.36; for alteration to condensing gear in smokebox see Dg No 14085	-	-	R24	J67	PT-C	567	4
8901	Westinghouse Brake Details for Carriage and Fish Trucks T32 and C33	Full size details of 7 components Endorsed: altered 26.5.93	24.4.93	1893	T32 C33	24M 4M	PT-C	574	2
8914	Details of Condensing Apparatus for Engine Class R24	3" to 1' details of numerous components Endorsed: altered 20.6.14	- .8.10	1910	R24	J67	BP-L	474	2
8919	No 45 Combination Ejector Vacuum Automatic Brake	Full size sections of ejector and table of named parts	15.6.93	1893	-	-	PB-C	578	1
8932	Six Wheels Coupled Goods Engines Class N31, L33-Footplate and Whse Reservoir	3" to 1' sections, elevations and plan of reservoir Endorsed: several alterations in 1896	13.6.93	1893	N31	J14	PT-C	472	2
8933 Ren	Six Wheels Coupled Goods Engines Class J17, J19/2, J20-Cast Iron Footplate	3" to 1' elevations, sections and plan of footplate	- .5.41	1941	-	J17 J19/2 J20	BP-L	527	2
8934	Six Wheels Coupled Goods Engines Class H33 (N31 Class)-Sand Box	3" to 1' elevations and plan of sand box and splashers and full size details of components Endorsed: altered for B74 class 7.8.13	17.7.93	1893	N31	J14	PT-C	472	4
8941	Tenders Class T46-Wheel	Full size quarter elevation and half section of wheel 4'1" diameter on tread with 10 spokes and 3" to 1' elevation and section of whole wheel My note: date of print c.1952	12.6.93	1893	T46	-	P	580	2
8946	Pressed Steel Slide Valve for Locomotives Y14 Class	Full size elevations and plan of component Prepared in the SDO	15.5.93	1893	Y14	J15	OI-C	509	1
8997	No 1 Class Blast Pipe Altered to Suit Engines 204 & 206 Fitted with No 1 Class Cylinders	Full size sectional elevation of blast pipe showing alteration	29.11.93	1893	204	J92	PT-C	479	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9004	8 Wheels Coupled Main Line Passenger Tank Engines Class C32-Arrangement of Condensing Gear	1½" to 1' arrangement of gear shown on outline of engine Endorsed: altered 5.1.94 and 12.10.95; endorsed not required My comment: a substantial part of the drawing is missing but some useful detail remains	16.11.93	1893	C32	F3	PT-C	595	4
9004 Part	8 Wheel Main Line Passenger Tank Engines Class C32-Overflow and Air Pipes for Condensing Engines	1½" to 1' outline elevations and plan of bunker showing arrangement of pipework Endorsed: altered 1.1.95	8.2.94	1894	C32	F3	PT-C	595	2
9023	Standard Disc, Destination Board and Bracket	6" to 1' elevation of 1'2" dia disc, full size details of brackets for smokebox door and elevation of destination board 3'0" by 6 ¾" Endorsed: altered 24.1.11, 13.8.09, 30.6.37 & 5.7.48	4.12.93	1893	-	-	PT-C	484	2
9056	Arrangement of Halls Patent Locomotive Injector on Engine No 698	1½" to 1' arrangement shown in relation to outline of engine	26.1.94	1894	Y14	J15	PT-C	523	1
9057	Details of W.house and Hand Brake Brake for Gas Reservoir Underframe C34	3" to 1' details of components for channel steel underframe Endorsed: altered 15.3.94 & 6.6.94	30.1.94	1894	C34	63W	PT-C	478	2
9058	Frame and Boiler Stay Class T26	3" to 1' elevation and plan of stay and full size section showing fixing to frame Endorsed: for stays which are studded to pads on boiler see Dg No 39006	30.1.94	1894	T26	E4	PT-C	595	4
9063	Ironwork Details for Permanent Way Brake Van Class H34	3" to 1' details numerous components	9.3.94	1894	H34	38W	PB-C	492	3
9063 Part	Bolts and Washers for Permanent Way Brake Van H34	3" to 1' details of length and type of numerous bolts	5.4.94	1894	H34	38W	PT-C	492	1
9000	Arrangement of Travelling Gas Reservoir	1" to 1' elevations of cylindrical tank 6'10 ¼" maximum exterior diameter by 22'0" long and 3" to 1' plan of plated and riveted joints	5.2.94	1894		63W	PT-C	523	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9088	Barrel	Endorsed: manhole altered 29.12.11, cast steel cramp replaced by flat plate; stationary reservoirs do not require underframe fixing brackets	5.5.94	1894	-	63W	PT-C	532	
Att 9088	Method of Securing Gas Holder to Underframe	1" to 1' outline elevation of tank on underframe showing flat plate bracket in place of curved version Endorsed: 4 holders to fitted thus LM3181, 4 underframes to be fitted thus LM3182 My comment: this drawing was originally Dg No Part 12948	16.02	1902	-	63W	PT-C	532	4
9099	Permanent Way Brake Van Class H34	1½" to 1' general arrangement of 20' long wood framed brake Endorsed: cast iron weight put in lockers to bring weight of van up to 10 tons 26.11.07; for cast iron weights see Dg No 16280	9.3.94	1894	H34	38W	PB-C	518	3
9119	Engines-Details of 13 Inch Brake Cylinder	Full size elevation, section and plan of cylinder Endorsed: altered 8.9.11 for S69	6.4.94	1894	S69 L77	B12 N7	PT-C	584	4
Att 9119	Six Wheels Coupled Brake Cylinder	Full size section and plan of end piece	30.9.11	1911	S69	B12	PT-C	584	4
Att 9119	Alteration of 13 Inch WH Brake Cylinder for Engines Class P55	Full size section and elevation of end piece	10.1.10	1910	P55	F4 F5	PT-C	584	4
9124	Four Coupled Mixed Traffic Engines I30 (T26)-De Limons Patent Sight Feed Lubricator	1½" to 1' elevations and plan of cab and splashers showing position of valve Endorsed: alterations to 7.2.22	9.4.94	1894	T26	E4	PT-C	533	4
9156	Hornblocks for 20 Ton Machine Truck E35	6" to 1' elevations and plan on block Endorsed: altered for K50 class 1.8.00; superseded by Dg No 16552 for H65 24.10.08	29.5.94	1894	E35	27W	PT-C	497	1
Ren 9164	Alteration to Tender Axlebox for 25 Ton Machine Truck and 40 Ton 'Flatrol' Wagon,	Full size part sections and plan of axlebox	18.12.40	1940	-	27W 28W	PL	491	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9181	Details of Improved Triple Valve for Westinghouse Brake	Full size details of several components	13.6.94	1894	-	-	PT-C	492	2
9191	Arrangement of Improved Triple Valve Whse. Brake	Full size section and elevation of Westinghouse valve My comment: prepared in the SDO	25.6.94	1894	-	-	PT-C	499	4
Ren 9228	Westinghouse Brake 3" and 2½" Triple Valves	Full size elevations, sections and plan of valves and components	13.6.16	1916	-	-	PL-C	585	3
Att 9228	Four Wheels Coupled Radial Tank Engines Class Y65-Alteration to 3" Triple Valve to	Full size section of valve	15.8.13	1913	Y65	F7	P-C	585	2
Att 9228	Additional Plunger and Spring for 2½" Triple Valve (for trial)	Full size details of components Endorsed: for arrangement see Dg No 20614	16.2.16	1916	-	-	PL-C	585	2
Att 9228	Drip Cup for Westinghouse Brake	Full size elevation, section and plan of cup Endorsed: altered 24.12.19	19.10.09	1909	-	-	PT-C	585	2
9254	Four Coupled Intermediate Engines T34 (T26 Class)-Ashpan Arrangement	3" to 1' elevation and plan of ashplan and details of components My comment: part of drawing missing	24.9.94	1894	T26	E4	PT-C	529	4
9264	Brass Work for Westinghouse Brake	Full size elevations, sections and plans of Roscoe's lubricator, brass union, tee piece and four way piece	30.1.95	1895	-	-	PT-C	557	4
9304	Blower	Full size sections and elevations of blower valve Endorsed: numerous alterations to 6.12.04 My comment: drawing badly damaged	13.11.94	1894	-	-	PT-C	543	4
Att 9304	(Blower)	Full size sections and elevations of blower My comment: drawing badly damaged	-	-	-	-	PT-C	543	4
Att 9304	Blower Cock for Engines S46 Class	Full size section of cock Endorsed: altered 14.7.03 for C53 class	19.12.99	1899	S46	D14	PT-C	543	3
Att 3 9304	Alteration to Blower Cock for Engs. S46 and D56 Classes	Full size section of cock	31.3.09	1909	S46 D56	D14 D15	PT-C	543	2
Att 9304	Four Wheels Coupled Shunting Engine Class B74-Blower Lever and Handle	Full size elevation of lever and 3" to 1' details of handle	- .5.13	1913	B74	Y4	PT-C	543	3
9304	Six Wheels Coupled Goods Engines Class xxx	Full size elevation and plan of rod							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	–Hydraulic Reversing Gear-Alteration to Blower Rod	My comment: drawing badly damaged, classes unknown	-	-	-	-	PT-C	543	
9314	Standard Axle Box Pads	Full size sections and elevation of three types of pad Endorsed: altered 29.4.98 for R43 class; altered 9.5.95	21.11.94	1894	-	-	PT-C	572	3
9338 Ren	Westinghouse Brake Coupling	Full size elevations and section of hose, couplings and nipples Endorsed: altered 8.11.09 15.2.12 and 24.12.19	27 .9.09	1909	-	-	P-C	553	4
9339	Arrangement of Automatic Vacuum Brake-Engines Nos 305 & 306	1½” to 1’ elevations showing showing arrangement of gear in smokebox and cab	2.1.95	1895	305	-	PT-C	469	3
9341 Ren	Axlebox for Engines Classes Driving and Trailing T19-D13, T26-E4; Driving and Intermediate C32-F3; Leading and Trailing S44-G4; Trailing Only F48, G58, E72-J17-19; Leading and Intermediate N7	Full size elevation, sections and plan of axlebox Endorsed: alteration to 6.45	- .11.39	1939	T19 T26 C32 S44 F48 G58 E72	D13 E4 F3 G4 J16 J17 J18	PL-C	510	2
9353 Ren	Westinghouse Brake-Details of Pump 6”/6½” Diameter	Full size details of numerous components	- .11.25	1926	-	-	P-L	599	2
9371 Part Ren	Blast Pipe Classes F3, J65 to J69	6” to 1’ elevation, section and plan of three cast iron blast pipes; 1 for F3; 1 for J65 and 1 for J66 to J69	13.9.48	1948	-	F3 J65 J66 J67 J68 J69	BP-L	599	1
9377	Six Wheels Coupled Tank Engines Class T18-Boiler Renewals No 1c	1½” to 1’ elevations, sections and plan of boiler and full size details of riveting Endorsed: altered 9.9.95, 22.10.96 and 17.7.99	12.2.95	1895	T18	J66	PT-C	529	3
9403	Four Wheels Coupled Tank Engines Class M15 Rebuilt, O18 & P55-Connecting Pipes	Full size elevations of pipes and flanges and 3” to 1’ arrangement of complete assembly	- .5.20	1920	M15 P55	F4 F5	PL	506	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9422 Ren	Westinghouse Brake Pump	Full size elevation, section and plan of 6"/6½" pump My comment: a replacement print	- .11.10	1910	-	-	BP-L	603	1
9438	Arrangement of Westinghouse Main Brake Pipe at the Ends of Engines and Tenders	3" to 1' elevations and plans showing arrangement at leading and trailing ends of various classes and full size details of bracket for hose Endorsed: altered 12.11.01; for arrangement of Westinghouse main pipe at end of engine and tender 1500 class see Dg No 22385	7.6.95	1895	-	-	PT-C	600	3
9450	Four Coupled Express Engines T19 Class-Boiler Arrangement for Renewals with Square Bottom	1½" to 1' elevation, sections and plan of boiler with full size riveting detail Endorsed: for new arrangement of tubes see Dg No 15099 My note: drawing mounted on linen despite fragmentary condition	29.7.95	1895	T19	D13	PT-C	572	4
9454	Footboard for T18 Class Engines	1½" to 1' elevations and plan of timber footboard Endorsed: altered 19.8.12	24.6.95	1895	T18	J66	PT-C	468	2
9466	Six Coupled Tank Goods Engines G75 Class (T18 180Lbs)-Smokebox Arrangement	3" to 1' sectional elevations of smokebox and cylinders Endorsed: for smokebox door for G75 see Dg No 18532	29.7.95	1895	G75	J66	PT-C	572	4
9534 Ren	Steam Brake Cylinder Class T18	Full size elevations, section and plan of cylinder Endorsed: altered 1.2.34 and 3.35 My note: original drawing dated 30.10.95	-	1940	T18	J66	PL	578	2
9536 Ren	Six Wheels Coupled Tank Engines T18-Arrangement of Steam Brake	1½" to 1' arrangement shown on part outline elevations and plan of engine Endorsed: altered 1.4.35	13.4.33	1933	-	J66	PL-C	604	2
9537 Ren	Six Wheels Coupled Tank Engines Class J66-Details of Steam Brake	3" to 1' details of numerous components Endorsed: altered 28.8.48; see Dg No 29570 for type J69	- .2.37	1937	-	J66	PL	580	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9537 Ren	Six Wheels Coupled Tank Engines Class T18 J66-Details of Steam Brake	3" to 1' details of numerous components Endorsed: altered 24.10.01 and 13.7.33	30.3.96	1896	T18	J66	P	588	1
9556 Ren	Six Wheels Coupled Tank Engines Class T18 and E22-Leading, Driving and Trailing Axleboxes	Full size elevations and section of axlebox and schedule of journal sizes for different classes Endorsed: alterations to 6.5.57	- .9.25	1925	T18 E22	J66	PL-C	518	3
9556	Six Wheels Coupled Tank Engines Class T18, C37, G75-Leading, Driving and Trailing Axlebox Keep, etc	Full size elevations, sections and plan of components Endorsed: altered 18.12.03 and 21.1.04; for driving axlebox for engines fitted with new crank axle see dg No 25529 6.25; superseded by new drawing same number 9.25 My comment: part of plan missing	27.12.95	1895	T18	J66	PT-C	591	4
9556 Att	Six Wheels Coupled Tank Engines Classes T18, C37, G75, R24, S56-Alteration to White Metal of Leading, Driving and Trailing Axleboxes	Full size elevation of white metalling	2.6.15	1915	T18 C37 G75 R24 S56	J66 J67 J68 J69	PL-C	591	2
9575 Ren	Six Wheels Coupled Condensing Tank Engines Class C37-J67-Cab and Tanks	1½" to 1' elevations, plans and details of cab and tanks Endorsed: altered for engines with 180 Lbs pressure; altered 4.4.25	3.6.15	1915	C37	J67	PL-C	535	2
9575 Att	Six Wheels Coupled Tank Engines T18 Class with 180 Lbs Boiler Pressure-Alteration to Cab on RH Side Only	1½" to 1' elevations and part plan of cab Endorsed: altered 5.12.03	2.5.01	1901	T18	J66	PT-C	535	2
9575 Att	Alteration to Cab and Arrangement of Door for Same of Six Coupled Tank Engines C37 Class	1½" to 1' elevation of cab and full size details of fittings Endorsed: altered 4.12.03 and 27.2.07	11.11.03	1903	C37	J67	PT-C	535	2
9588 Ren	Tank Engines Classes T18, E22, R24, C32, G75-Injector, Clothing and Pipe Details	Full size details of various pipes, valves, flanges and brackets	31.1.16	1916	T18 E22 R24 C32 G75	J66 J65 J67 F3 J68	PL-C	462	2
9590	Shield for Condensing Gear in Smoke Box	Full size elevations and plan of shield with	2.1.06	1906	M1E	F4	PT-C	545	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9589	M15 Class Rebuilt	section	5.1.96	1896	M15	F5	PT-C	543	
9617	Four Wheels Coupled Express Engines T19 Class- Axlebox	Full size elevations, sections and plan of outside leading axlebox Endorsed: numerous alterations My comment: large portion of drawing missing	5.2.96	1896	T19	D13	PT-C	597	4
9622	Standard Steam Brake Valve	Full size details of valve Endorsed: replaced by Dg No 29729 8.6.31; altered 11.7.01 and 19.2.09 for additional classes	10.2.96	1896	-	-	PT-C	519	4
9622 Att	Alteration to Steam Brake Handle for Wooden Casing to be Fitted to Handle	Full size elevation and plan showing handle with wooden casing	30.5.17	1917	-	-	PL-C	519	3
9623	Method of Fixing Smith's Patent Automatic Steam and Air Valve to C32 and T26 Class	1½" to 1' arrangement showing method of fixing in smokebox and cylinders and 6" to 1' details of fittings SDO Dg No 1014	12.2.96	1896	C32 T26	F3 E4	PT-C	499	2
9639	Feed Cock for Engines Fitted with Davies & Metcalf's Exhaust Injector	Full size elevations and plan of feed cock Endorsed: not required for engines type B12 and D14-16 fitted with class "H" exhaust injector see Dg No 28702 4.4.35	28.2.96	1896	-	-	PT-C	528	4
9694	Arrangement of Water Pick-Up on Tenders	1½" to 1' sectional elevations and plan of tender and tank with arrangement of pick up Endorsed: safety latch added 17.8.97; altered for class R43 28.4.98; alterations for T19 Belpaire 6.7.03; scoop to Dg No 9695, wrought iron details Dg No 9725	27.8.96	1896	-	-	PB-C	532	2
9696 Ren	Six Wheels Coupled Goods Engines Class Y14-Arrangement of Steam Brake	1½" to 1' arrangement shown on outline elevations and plan of engine frame	- .10.09	1909	Y14	J15	PL-C	488	3
	Six Wheels Coupled Goods Engines Y14	3" to 1' and full size details of components							1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9697	Six wheels Coupled Goods Engines Y14 Class-Details of Steam Brake	Endorsed: undated alteration in red; for other pins Attachment to Dg No 9697	26.3.01	1901	Y14	J15	P	501	
9697 Att	Six Wheels Coupled Goods Engines Class Y14-Pins for Brake Gear	6" to 1' elevation and plan of mild steel pin My comment: drawing formerly Dg No 22353	- .3.21	1921	Y14	J15	PL-C	501	2
9737	Water Troughs-Details of Pipes and Valves	3" to 1' elevation, sections and plans of pipes and full size sections and plan of valve for two troughs Endorsed: altered 13.6.96	29.5.96	1896	-	-	PT-C	595	2
9744	Six Wheels Coupled Goods Engines Y14 Class Fitted with Steel Firebox and Steam Brake X45-Ash Pan and Details	3" to 1' arrangement of ash pan and full size details Endorsed: altered 6.5.97 for engines with copper fireboxes; 30.5.99, 27.10.33 and 5.34	12.6.96	1896	Y14	J15	PT-C	605	3
9814	Arrangement and Details of Tablet Changing Apparatus	¾" to 1' arrangement of apparatus shown on outline of 2-4-0 engine and lineside equipment comprising one receiving post, one delivery post and two lamp posts, and 3" to 1' details of components	10.8.96	1896	-	-	PB-C	591	3
9824	Four Coupled Mixed Traffic Engines T26, X34 Fitted with De Limons Lubricator	1½" to 1' arrangement of gear shown on outline elevations and half plan of engine Endorsed: altered 24.5.95	24.10.94	1894	T26	E4	PT-C	581	2
9840	Expansion Angle-Steel (Standard Section) for Engines Class 61	Full size elevation and plan of angle and sectional end elevation showing position on frame Endorsed: altered 5.10.96	16.9.96	1896	61	-	PT-C	482	1
9891	Main Line Tank Engines-Arrangement of Outside, Leading and Trailing Axlebox Class C32 and Outside Leading Axlebox for Express Engines Fitted with Controlling Gear Class T19, L37, D27	Full size elevations, sections and plan of axlebox, journal 6" diameter Endorsed: altered 3.2.02 and 19.6.03	1.3.98	1898	C32 T19 L37 D27	F3 D13 E4 -	PT-C	574	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9897	Main Line Third Class Carriage-Ironwork Details	3" to 1' details of numerous components Endorsed: wood underframe S42; work to dimensions in red for centre axleguards of vehicles altered fro the Elsenhan & Thaxted Light Railway LM6514 22.1.13; the affix A was removed from the drawing 26.6.06	23.9.97	1897	-	-	PB-C	584	3
9900 Ren	GE Oil Axlebox H for 8" x 3 ¼" Journals Centre Axlebox for 6 Wheeled Carriages	Full size elevations, sections and plans of axlebox Endorsed: original Shop Copy signed by Jas Holden, GM & HDC 21.11.96; Kork type in future see Attachment to Dg No 40670 (12809N) Item 6E for dust shield	8.2.44	1944	-	-	BP-L	559	1
9911	Frame and Boiler Stay Class C32 WRONG NUMBER	3" to 1' elevations and plan of stay and full size details of fixing to frame	22.7.01	1901	C32	F3	PT-C	524	4
9933	Four Wheels Coupled Shunting Engines G40 Class-Reversing Shaft Bracket	Full size elevations and plan of shaft and bracket	22.10.97	1897	G40	Y5	PT-C	591	3
9935	Tramway Engines Class F40-Boiler	1 ½" to 1' elevations and sections of boiler and riveting details Endorsed: altered 17.1.24	- .11.09	1909	F40	Y6	PT-C	466	4
9935 Part	Flange to Boiler Plates for Tramway Engines Class F40	1 ½" to 1' details of smoke box plates	18.11.96	1896	F40	Y6	PT-C	466	4
9935 Att	Additional Stays for Tram Engine Boiler	3" to 1' part elevation of boiler front and details of brackets and stays	- .4.01	1901	F40	Y6	PT-C	466	2
9938	Four Wheels Coupled Shunting Engines Class G40-Cast Steel Horn Blocks	6" to 1' elevations, sections and plans of blocks Endorsed: altered 20.1.97 and 29.3.97	24.11.96	1896	G40	Y5	PT-C	605	2
9949 Ren	Four Wheels Coupled Engines Class G40 Class-Connecting Rod	Full size elevation and plan of rod 5'6½" centres Endorsed: altered 18.7.21, 6.4.25 & 8.33	8.7.21	1921	G40	Y5	PL-C	508	1
	Four Coupled Shunting Yard Tank Engines	1½" to 1' elevations and plan of tanks and bunker							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
9956	G40 Class-Tanks and Coal Bunker Arrangement	Endorsed: altered 18.2.97, 11.3.97 and 7.7.97; for sand gear details see Dg No 10088	8.12.96	1896	G40	Y5	PT-C	599	
9964	Four Wheels Coupled Tank Engines G40-Crosshead and Slide Bars	Full size elevation and plan My note: badly damaged, parts missing	- .12.96	1896	G40	Y5	PL-C	561	4
9971	Four Wheels Coupled Tank Engines G40 Class-Coupling Rod	Full size elevation and plan of coupling rod 5'9" centres Endorsed: altered 12.6.97	- .1.97	1897	G40	Y5	PT-C	511	4
9979	Four Wheels Coupled Engines G40-Reversing Lever and Bracket	3" to 1' arrangement of lever and bracket and full size details of components	- .12.96	1896	G40	Y5	PT-C	507	3
9987	Four Wheels Coupled Shunting Tank Engines G40 Class-Framing Arrangement	1½" to 1' elevations and plan of frame with details of stays and frame casting Endorsed: altered 28.10.02 for class R55 and future engines; for other alterations see Dg No 13128	- .1.97	1897	G40	Y5	PT-C	597	4
9987 Part	Frame Outline Four Coupled Shunting Engines Class G40	1½" to 1' side elevation of frame	15.12.96	1896	G40	Y5	PT-C	597	2
9987 Att	Four Wheels Coupled Shunting Engines Class G40-Rail Guards	6" to 1' elevations of leading and trailing guards	12.2.97	1897	G40	Y5	PT-C	597	2
9987 Att	Alteration to Buffers Eng No 229 Only	1½" to 1' plan of leading and trailing dumb buffers and beam	8.1.16	1916	G40	Y5	PT	597	1
9999	Four Wheels Coupled Tank Engines G40 Class-Leading and Driving Axles	Full size part elevation and 3" to 1' elevation of axle Endorsed: Dg No 9999E tram engines My note: drawing badly damaged, only driving axle remains	13.1.96	1896	G40	Y6	PT-C	562	4
10001	Four Wheels Coupled Bogie Tank Engines Class S44-Framing	1½" to 1' elevations and plan of engine framing, including springing and outline of wheels Endorsed: numerous alterations to 12.2.00 My comment: badly damaged	- .8.98	1898	S44	G4	PT-C	601	4
10001	Portion of S44 Frame Above Bogie Pin	1½" to 1' elevations of part frame Endorsed: altered 13.10.98	14.10.98	1898	S44	G4	PT-C	601	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10002	Four Wheels Coupled Bogie Tank Engines S44 Class-Reversing Gear	1½" to 1' arrangement of brake wheel and shaft and 3" to 1' details of components My comment: part of drawing missing	- .7.98	1898	S44	G4	PT-C	595	4
10003 Ren	Four Wheels Coupled Bogie Tank Engines Class S44-Boiler	1½" to 1' elevations, sections and plan of boiler with full size sections of riveting detail Endorsed: altered 14.1.24	17.12.20	1920	S44	G4	PL-C	602	1
10004	Four Wheels Coupled Bogie Tank Engines S44 Class-Westinghouse Reservoir Footplate	3" to 1' elevations, sections and plan of footplate Endorsed: altered 28.10.98 and 2.10.99 My comment: part of drawing missing	- .9.98	1898	S44	G4	PY-C	603	4
10004 Att	Bracket for Repairing Brake Gear S44 Class	6" to 1' elevations of bracket	2.1.07	1907	S44	G4	PT-C	603	2
10005	Four Wheels Coupled Bogie Tank Engines S44 Class-Tank Stays	Full size elevations and plans of stays and 3" to section showing method of fixing	- .2.00	1900	S44	G4	PT-C	603	3
10006	Four Wheels Coupled Bogie Tank Engines S44 Class-Foundation Ring and Corner Rivets	3" to 1' elevation and plan of ring and full size details of corner	22.9.98	1898	S44	G4	PT-C	475	3
10007 Ren	Four Wheels Coupled Bogie Tank Engines Class S44-Brake Details	3" to 1' elevations and plans of numerous components Endorsed: altered 24.3.21 and 13.7.33; see Dg No 10008 Att for drivers valve bracket 30.9.22	20.3.13	1913	S44	G4	PL-C	595	2
10007 Att	Brake Rod and Hanger S44 Class	3" to 1' elevations and plan of two components	- .9.19	1919	S44	G4	PL-C	595	2
10008	Four Wheels Coupled Bogie Tank Engines Class S44-Brake Arrangement	1½" to 1' brake arrangement on outline elevations and plan of engine and Westinghouse Brake Endorsed: alterations to 29.10.19 My comment: in poor condition	19.11.98	1898	S44	G4	PT-C	515	4
10008 Att	Bogie Tank Engines 1100 Class-Alteration to Drivers Brake Valve Bracket and Position to	1½" to 1' arrangement on cab and 6" to 1'details of bracket Endorsed: alteration up	- .12.17	1917	S44	G4	PL-C	515	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10009	Four Wheels Coupled Bogie Tank Engines Class S44-Bogie Arrangement	3" to 1' sectional elevation, half elevation and plan of 5' wheelbase bogie, 3'1" diameter wheels Endorsed: altered 25.3.04 and 21.2.07; spring altered from Dg No 4079A to 16589 14.10.08 My comment: part of end elevation missing	21.10.98	1898	S44	G4	PT-C	596	3
10009 Part	Bogie Tank Engine Class S44-Bogie Frame	3" to 1' elevation of frame	16.9.98	1898	S44	G4	PT-C	596	1
10010	Four Coupled Bogie Tank Engines S44 Class-Blast Pipe and Condensing Valve	6" to 1' sectional elevations and plans of blast pipe and valve Endorsed: altered 3.04, 20.2.07 and 3.5.07 My comment: drawing virtually disintegrated	- .10.98	1898	S44	G4	PT-C	597	4
10011	Four Wheels Coupled Bogie Tank Engines Class S44-Driving Sand Box	3" to 1' elevations and plan of sand box Endorsed: altered 6.10.98	- .9.98	1898	S44	G4	PT-C	566	3
10012	Four Wheels Coupled Bogie Tank Engines Class S44-Blast Pipe and Condensing Valve	6" to 1' elevations, section and plan of blast pie and full size details Endorsed: altered 5.07, 22.11.26 and 2.12.26	4.11.98	1898	S44	G4	PT-C	546	4
10013	Four Wheels Coupled Bogie Tank Engines S44 Class-Condensing gear Details	3" to 1' details of numerous components Endorsed: altered 10.12.98, 1.6.99 and 30.4.00	- .10.98	1898	S44	G4	PT-C	606	4
10013 Att	Condensing Pipe for Engs. Nos 1110-1119 and Future Engines	3" to 1' elevations of pipe	- .1.00	1900	S44	G4	PT-C	606	3
10014	Four Wheels Coupled Bogie Tank Engines S44 Class-Frame & Boiler Stay	Full size elevation and plan of stay Endorsed: altered 22.8.02	- .10.98	1898	S44	G4	PT-C	500	4
10016	Four Wheels Coupled Tank Engines G40 Class-Splashers	3" to 1' elevations and plans of leading and driving wheel splashers	15 .1.97	1897	G40	Y5	PT-C	579	2
		3" to 1' elevation, section and plan of 4' 0 1/4" centres unloaded							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10029	Bearing Springs	Endorsed: numerous amendments for other miscellaneous stock, gas holder wagons and fire engine trucks	- .9.99	1899	-	-	PB-C	470	
10030	Four Wheels Coupled Tank Engines G40 Class-Leading and Driving Axlebox	Full size elevations, sections and plan of axlebox	- .1.97	1897	-	-	PT-C	601	3
10033	Four Wheels Coupled Shunting Engines Class G40-Springs and Spring Hangers	Full size half elevation and plan with section of 16 plate spring 2'3" centres unloaded and details of hangers Endorsed: altered 12.33	26.1.97	1897	G40	Y5	PT-C	605	3
10034	Tramway Engines Class F40-Foundation Ring and Expansion Bracket	1½" to 1' plan of complete ring and full size elevation of bracket and corner riveting details	21.1.97	1897	F40	Y6	PT-C	601	3
10046	Four Wheels Coupled Shunting Engine G40 Class-Hand Brake Arrangement and Details	1½" to 1' arrangement of handbrake and 3" to 1' details of components Endorsed: see Dg No 13067 for steam brake arrangement and details My comment: large portion of drawing missing	6.2.97	1897	G40	Y5	PT-C	595	4
10047	Passenger Train Cattle Box Class T40	1½" to 1' general arrangement of 21' 5 ½" body for steel or wood frame Endorsed: altered to red for Y53 and future classes 14.1.02	27.4.97	1897	T40	19M	PB-C	477	4
10047 Att	(Passenger Train Cattle Box)	1½" to 1' details of alterations to stockmans door	12.5.97	1897	T40	19M	PB-C	477	2
10062	Four Wheels Coupled Shunting Engines G40-Regulator Steam Pipe, Etc	Full size arrangement of regulator and details of other components and 3" to 1' details of steam pipe Endorsed: altered 2.4.97	- .2.97	1897	G40	Y5	PT-C	598	4
		1½" to 1' general arrangement of cylindrical fuel tank on standard 15' wagon underframe 9' wheelbase and shortened buffer beams			LM				3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10065	Liquid Fuel Tank LM2002 2000Gallons	Endorsed: brakework altered to Parker's 3.11.97, with wide V hanger; new tank lid provided 7.14 inscribed Tank Must not be Filled Above Bar below Manhole My comment: part of end elevation missing	23.10.96	1896	2002	52W	PT-C	604	
10066	Four Wheels Coupled Shunting Engines Class G40- Eccentric Sheaves and Straps	Full size elevations, plan and section of sheaves Endorsed: several alterations in 1897; oil cup added 7.7.08	20.2.97	1897	G40	Y5	PT-C	499	4
10068	Shunting Engines G40 Class-Spring for Reversing Shaft	Full size elevation and plan of spring for shaft Endorsed: altered 29.4.97 and 10.10.00	26.2.97	1897	G40	Y5	PT-C	605	2
10071	Four Wheels Coupled Shunting Tank Engines Class G40-Ashpan and Details	3" to 1' arrangement of ashpan and full size details of components Endorsed: altered 25.3.97 My comment: condition poor but arrangement intact	3.3.97	1897	G40	Y5	PT-C	599	4
10083	Four Wheels Coupled Express Engines M39, T19-Details of Exhaust Injector	Full size elevations and plan of numerous components	12.3.97	1897	M39	D13	PT-C	602	2
10088	Four Wheels Coupled Shunting Tank Engines G40 Class-Rod, Pipe and Clothing Arrangement and Details	1½" to 1' elevations and half plan of cab and full size details of components for injector Endorsed: altered 6.7.97	17.3.97	1897	G40	Y5	PT-C	599	4
10088 Att	Engines 227 Class-Proposed Alteration to Overflow Pipe from Injector	6" to 1' elevation and plan showing position of pipe beneath lower foot step	-	-	G40	Y5	PT-C	599	2
10091	Cast Steel Side Bearing Spring Scrolls for Fox's Suburban Carriage Frame	Full size elevations of scrolls Endorsed: for 120 frames, 480 right and 480 left required Endorsed: altered 2.6.97	22.3.97	1897	-	-	PT-C	602	2
10092	Cast Steel Side Bearing Spring Scrolls for Main Line Bulb Angle Steel Frames	Full size elevations and plan of scrolls for 32'0" steel frame S40 Class and 34'6" steel	23.3.97	1897	S40 C41	518C 519C	PT-C	587	1
10098	Four Wheels Coupled Shunting Engines Class G40-Firehole Door, Etc	6" to 1' elevation, section and plan of firehole door	5.4.97	1897	G40	Y5	PT-C	597	4
10108	Cylinder Cock and Sandbox Gear for	Full size details of components	15.4.00	1899	G40	Y4	PT-C	170	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10108	Shunting Engines G40 Class	Endorsed: altered 23.3.03	15.4.99	1899	G40	J4	PT-C	470	
10126	Six Wheels Coupled Bogie Express Engines Class S46-Arrangement of Steam Brake	1½" to 1' arrangement of steam brake shown in relation to outline of engine framing and forward part of tender Endorsed: altered 21.9.97 for engines Nos 935 and 999, and 21.3.04	7.5.99	1897	S46	D14	PT-C	467	3
10126 Att	Brake Hanger Bracket for Engine No 935	1½" to 1' elevations and plan of bracket and part side elevation showing position on right hand frame Endorsed: copy of Part Dg No 10126	17.9.97	1897	Y14	J15	PB	467	1
10127 Ren	Six Wheels Coupled Goods Engines J17, J19/2-Steam Brake Details	3" to 1' details of components My note: this is a later print, original tile included N31, H40 and F48 classes	26.3.01	1901	-	J17 J19/2	BP-L	586	2
10127 Att	Type J17 Engines with Built Up Crank Axles-Brake Pull Rod	3" to 1' elevations of rod	8.3.37	1937	-	J17	BP-L	586	1
10143	BOGIE Carriages-Arrangement of Bogie Suspension Gear	6" to 1' elevations and section of numerous components Endorsed: altered 1.10.97	19.5.97	1897	-	-	PT-C	605	4
10146	Bearing Spring for 2000 Gallons Travelling Fuel Tank	Full size half elevation, plan and section of 5 plate spring 3'5 7/8" centre unloaded Endorsed: altered 7.10.08 Supplementary Dg No 286LF	4.5.97	1897	-	-	PT-C	601	2
10147	2000 Gallons Travelling Liquid Fuel Tank-Axle	6" to 1' elevation of axle for 8" x 4 ¼" journal Supplementary Dg No 285LF	30.4.97	1897	-	-	PT-C	597	2
10154	Six Wheels Coupled Goods Engines Class N31, E34-Rolled Firebars	3" to 1' arrangement of bars in position and full size elevations and plans of firebars, one set to be made for experiment	19.4.98	1898	N31	J14	PT-C	480	2
10203	Toothed Wheels and Chain for Driving Governing Gear of Tram Engines	Full size details of wheels Endorsed: not required for C53 class, see Dg No 16617	9.8.97	1897	G15	Y6	PB-C	476	4
	Tramway Engines Classes G15, N17, C28	3" to 1' elevation of bar and full size part elevation and section							1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10210	Trainway Engines Classes G15, N17, C29, F40-Roof Bars	Endorsed: this drawing required for boilers with sling stays see Dg No 6319 2.1.01	23.8.07	1907	G15	Y6	PT-C	518	
10221	Arrangement of Crabtree's Patent Signal Indicator on 344 Engine	1½" to 1' arrangement shown on part outline of engine with track side trip cock Supplementary number SDO Dg No 1240	- .8.97	1897	S56	J67	OI-C	573	2
10222	Crabtree's Signal Indicator on Engs. 344 W. Iron and Steel Details	3" and 6" to 1' and full size details of numerous components My comment: badly damaged; on same stick as Dg No 10222	27.8.97	1897	R24	J69	TI	544	4
10222	Crabtree's Signal Indication on Eng 344-Cast Details	Full size details of 4 components My comment: badly damaged; on same stick as Dg No 10222	26.8.97	1897	R24	J69	TI	544	4
10223	Four Wheels Coupled Shunting Engines G40 Class-Motion Details	Full size elevations and plans of motion components Endorsed: altered 19.11.08	30.9.97	1897	G40	Y5	PT-C	498	3
10224	Second Class Suburban Carriage Class D41	1" to 1' general arrangement of 27' 5 compartment carriage body and sectional end elevation of compartment Endorsed: for ironwork details see Dg No 9794; for underframe details see Dg No 9795 and underframe arrangement see Dg No 9749	10.9.97	1897	D41	307C	PT-C	525	1
10248	Piston Rod for Shunting Engines Class G40	Full size elevations of rod	- .9.02	1902	G40	Y5	PT-C	602	3
10266	Single Express Engines with 25 Inch Stroke-Single Cover and Piston and for Four Wheels Coupled Express Engines T19 Class with 25 Inch Stroke Non Superheated Engines	Full size elevation, section and plan of cover and piston Endorsed: numerous alteration to 10.9.40; for cylinder cover for engines T19 class, 25 In stroke with superheater see Dg No 19550 25.8.14	25.10.97	1897	T19	D13	PT-C	470	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10271	Travelling Liquid Fuel Tanks-Outlet Valve and Gear	Full size sectional elevation of valve at the bottom of the cylindrical tank and details of components Endorsed: altered 24.4.00; work to red for P50; My note: also numbered 291LF	27.10.97	1897	-	35W	PT-C	464	4
10272	Travelling Liquid Fuel Tank	1 ½" to 1' sections and elevation of cylindrical tank and full size sections of riveting details Supplementary Dg No LF292	7.10.97	1897	-	-	PT-C	514	3
10289	Arrangement of 4'4" Telescopic Boiler with Ordinary Firebox Classes T26, D27, I45, C32, N31	1½" to 1' elevations, sections and plan of boiler My comment:: badly damaged and parts missing	17.11.97	1897	T26 D27 I45 C32 N31	E4 - J15 F3 J14	PL-C	595	4
10290	Standard Main Line Engines with 4' 4" Boilers (160 Lbs)-Roof Bars D27, T19, T26, N31, C32, Y14	Full size part elevations and section of roof bar and 3" to 1' elevations of 3 types of bar Endorsed: for alterations to ends see new Dg No 16608 12.11.08; also altered 9.11.00	17.3.97	1897	D27 T19 T26 N31 C32 Y14	- D13 E4 J14 F3 J15	PT-C	551	4
10292	Solebars for Low Machine Truck	3" to 1' elevations, plan and section of 20' long solebar constructed from angles and flats Endorsed: for holes in frame plate see Dg No 9802 My comment: implied this is a replacement for existing solebar	20.11.97	1897	E40	22W	PT-C	509	2
10304 Ren	Engines Type J69-Slide Bar	Full size elevations and plan of slide bar and components	- .5.35	1935	-	J69	PL	589	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10308	Proposed Alteration to Vacuum Ejector-Sketch A shows Proposed Loose Nozzle, Sketch B shows Ejector and Nozzle Solid as Supplied	Full size sectional elevations of nozzle	9.12.97	1897	-	-	OI-C	590	3
10320	Four Wheels Coupled Tank Engines C32 Class and Mixed Traffic Engines T26 Class-Slide Bar	Full size elevations of slide bar and 3" to 1' arrangement Endorsed: altered 7.1.02 and 22.7.39	20.12.97	1897	C32 T26	F3 E4	PT-C	576	3
10345 Ren	Metallic Packing Adapted to M15 Rebuilds	Full size sections and elevations of method of packing by using exsting covers	- .4.12	1912	M15	F4	P-C	555	3
10352	Metallic Piston Rod Packing for Engines T19, LM68, P43	Full size elevations, sections and plans of packing	19.1.04	1904	T19 LM68 P43	D13 - -	PB-C	587	4
10368	Westinghouse Brake Details for Breakfast Car and Third Class Carriage F&G45	6" to 1' elevations and plans of 26 components Endorsed: work to green for O45 & P47 29.4.99	5.12.99	1898	F45 G45	18C 412C	PB-C	505	4
10374	Metallic Packing Adapted to C32, T23, T26, Y14, N31 Class Engines 552-561 (E4, F3, F4, F5, F6, J15)	Full size details of packing Endorsed: altered 29.1.48	13.1.04	1904	C32 T23 T26 Y14 N31	F3 J15 E4 J15 J14	BP-L	491	2
10378 Att	Arrangement of Water Gauge on Tenders Class R43	1½" to 1' arrangement shown on part elevations and plan of tender	10.3..02	1902	R43	-	PB-C	568	2
10378 Att	Arrangement of Water Gauge on Tenders Class R43	1½" to 1' arrangement shown on part elevations and plan of tender	29.7.03	1903	R43	-	PB	568	1
10397	Tender Class R43-Liquid Fuel Tank	1 ½" to 1' elevation, section and plan of tank 6'4" length outside Endorsed: altered 19.6.01 My comment: badly damaged	10.3.01	1901	R43	-	PT-C	512	4
10419	Bogie Four Coupled Express Belpaire Engines D56 Class-Slide Bar	3" to 1' elevations and plan of slide bar and full size details Endorsed: refer to Dg No 17531 for D15/2, D16/3 with slide valves and J17 4.47; also altered 29.5.16,11.10 & 25.7.39	23.2.98	1898	D56	D15	PT-C	503	4
10447	Six Wheels Coupled Bogie Express Engines	Full size elevation and plan of two types of	22.10.10	1910	S60	R12	D	514	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Class 1500 (Type B12) Hinges for Flap Plate	hinge	25.10.19	1919	S69	B12	PT-C	514	
10448	Bogie Six Coupled Express Engines 1500 Class S69-Rail Guards	3" to 1' elevations of guards Endorsed: altered 8.10.00 and 25.7.10	24.7.19	1919	S69	B12	PT-C	526	3
10452	Bogie Express and Goods Engines Classes S46, F48, D56, G58, S69, E72-Reversing Shaft Spring	Full size elevation of spring and end elevation showing position on shaft Endorsed: see Dg No 7091	3.2.14	1914	S46 F48 D56 G58 S69 E72	D14 J16 D15 J17 B12 J18	PT-C	512	2
10454	Bogie Single Express Engines Class P43-Westinghouse Steam Exhaust Safety Valve	Full size section and plan of valve	130.4.98	1898	P43	-	PT-C	520	2
10461	Four Wheels Coupled Express Engines Class D56-Oil Box for Trailing Axlebox and Horn for Engines Fitted to Dg No 19180	Full size elevations and plan of oil box Endorsed: altered 10.8.40 & 21.10.54; J17 Leading axlebox; also for engines T19 fitted to Dg No 19933	11.8.14	1914	D56	D15	PT-C	482	3
10461	Intermediate and Trailing	Full size elevation and plan of oil box	-	1914	-	-	PT-C	482	4
10461	Alteration to Lid of 3 Feed Oil Box for Axlebox Lubrication for J17, J19-2, J20, N7 Leading	Full size elevation and plan of lid and section on centre line	- .5.45	1945	-	J17 J19/2 J20 N7	BP-L	482	1
10461	Trailing Axleboxes and Horn Blocks for Classes S69, D56, M51	Full size elevations and plans for trailing axleboxes and hornblocks Endorsed: numerous alterations	-	1912	S69 D56 M51	B12 D15 D14	PT-C	482	4
10461	Six Wheels Coupled Bogie Express Engines Class A73-Oil Box for Driving Axlebox	Full size elevations and plan	14.1.13	1913	A73	B12	PT-C	482	2
10461	Six Wheels Coupled Tram Engines Class C53-Oil Box for Piston Rod Gland, Valve Spindle	Full size elevations and plan	2.2.21	1921	C53	J70	PL-C	482	2
10461	Six Wheels Coupled Tank Engines Class R24, S56-Oilbox for Trailing Axlebox for Engines	Full size elevations and plan Endorsed: altered 24.10.54	26.5.15	1915	R24	J67	PL-C	482	3
10465	Arrangement of Gear for Shortened Blast Pipe Engines Class P43	3" to 1' elevations of gear shown in relation to section of smokebox	6.8.98	1898	P43	-	PT-C	562	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10467	Four Coupled Bogie Express Tank Engine S44 Class-Sand Box Gear Details	Full size details of numerous components Endorsed: altered 16.11.98 & 14.12.00 My note: drawing in appalling condition	7.11.98	1898	S44	G4	PT-C	480	4
10468	Four Wheels Coupled Bogie Tank Engines- Details of Blast Pipe Gear	Full size details of numerous components	- .11.98	1898	S44	G4	PT-C	551	3
10469	Four Wheels Coupled Bogie Tank Engines Class S44-Ashpan	3" to 1' elevations and plan of ashpan with full size section of fixing to firebox Endorsed; altered 8.6.27 and 29.7.30	16.11.98	1898	S44	G4	PT-C	553	4
10470	Four Coupled Bogie Tank Engines S44 Class- Cast Steel Wheels-Leading and Driving	Full size part elevation and section of 15 spoke wheel 4'11" diameter tread with section through balance weight Endorsed: altered 3.10.13	- .12.98	1898	G44	G4	PT-C	604	3
10472	Four Coupled Bogie Tank Engines S44 Class- Injector, Clothing and Pipe Details	Full size details of components My comment: drawing virtually disintegrated	- .11.98	1898	S44	G4	PT-C	520	4
10473	Four Wheels Coupled Bogie Tank Engines M51-Cab, Tank and Bunker Details	Full size details of numerous fittings Endorsed: altered 14.12.98, 20.1.99 and 3.1.00	- .10.98	1898	M51	D14	PT-C	551	4
10474	Four Wheels Coupled Bogie Tank Engines Class S44-Expansion Bracket	3" to 1' elevation and plan of bracket with full size sectional details of fixing Endorsed: altered 13.2.00 and 11.2.01	9 .11.98	1898	S44	G4	PT-C	513	2
10477	Four Wheels Coupled Bogie Tank Engines Class M15 Rebuilt-Smokebox	3" to 1' sectional elevations of smokebox and cylinders Endorsed: altered 15.12.98 and 22.3.07 My note: drawing badly damaged, front elevation of engine missing	2.2.99	1899	M15	F4	PT-C	568	4
10480	Four Wheels Coupled Bogie Express Engines Class S46, D56-Driving and Trailing Wheels	3" to 1' elevation and section of wheel without tyre Endorsed: undated alteration showing balance weights	13.4.99	1889	S46 S56	D14 D15	PT-C	510	3
10481 Ren	Four Wheels Coupled Bogie Express Engines Class S46-Driving Horn Block and Axlebox	6" to 1' sections, elevations and plans of components Endorsed: altered 6.25	- .9.21	1921	S46	D14	PL-C	575	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10482	Four Wheels Coupled Bogie Express Engines Class S46, D56-Bogie Wheel	6" to 1' elevation and section of 10 spoke wheel 3'9" diameter on tread and full size section of tyre and rim Endorsed: altered 18.7.99 & 7.10.13; work to red for future engines 7.5.01	17.4.99	1899	S46	D14	PT-C	473	2
Ren 10485	Four Wheels Coupled Bogie Express Engines Class S46-D15-Driving and Trailing Spring Brackets and Shield	Full size elevations and plan of components Endorsed: altered 30.11.00	1.5.34	1934	-	D15	PL-C	537	1
Ren 10486	Four Wheels Coupled Bogie Express Engines Class S46-Cast Steel Motion Plate	3" to 1' elevations and plan of plate with full size section of upper flange	13.4.33	1933	S46	D14	PL-C	515	2
10487	Four Wheels Coupled Bogie Express Engines S46 Class-Arrangement of Cab and Splashers	1 ½" to 1' arrangement of cab and splashers on outline of engine. Endorsed: altered 20.9.20 & 14.9.21	- .10.99	1899	S46	D14	PT-C	461	4
Att 10487	Sketch Showing Connection between Splashers and Expansion Brackets	3" to 1' elevations and section showing expansion brackets Endorsed: altered 14.3.05; work to red for engines with expansion bracket to Dg No 14012 31.1.07	4.4.01	1901	S46	D14	PT-C	461	4
Att 10487	Sand Box Bottom for Engs. Nos 1890 to 1900 to Replace Cast Iron One	3" to 1' elevations and plan of pressed plate	- .2.02	1902	S46	D14	PT-C	461	4
Att 10487	Detail of R.H. Inside Cab Plate Engs. Nos 1890-1894 S46	3" to 1' elevations showing plate	- .4.00	1900	S46	D14	PT-C	461	4
10488	Four Wheels Coupled Bogie Belpaire Engines Class S46, D56-Bogie Axlebox	Full size elevation, section and plan of axlebox with 9" journal Endorsed: altered 17.12.14 My comment; drawing virtually disintegrated	28.4.99	1899	S46 D56	D14 D15	PT-C	519	4
10489	Four Wheels Coupled Bogie Express Engines Class S46-Westinghouse Reservoir Footplate	3" to 1' elevations and plan of footplate Endorsed: for F53 and future engines see Dg No 12742; Dg No 12742 show 3 compartments in footplate	17.7.05	1905	S46	D14	PT-C	505	4
	Six Wheels Coupled Goods Engines Nos 552	Full size elevations and plan of rod			Y14	J15			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10491	Six wheels Coupled Goods Engines Nos 352-56, 37-41, 119-124, 592-599 Y14 & P55-Connecting Rod	Endorsed: numerous alterations to 22.12.48	- .12.03	1903	P55	F4 F5	PT-C	494	
10492	Roof Bars for Engines Fitted with 4Ft 9Ins Boilers Classes S46, S48	3" to 1' elevations and section of 4 types of bar Endorsed: altered 8.11.00;	2.5.99	1899	S46	D14	PT-C	516	4
10493	Alteration of Inside Frames of S46 Class to Suit Class D56	1½" to 1' elevation of rear portion of frame by coupled wheels Endorsed: altered 2.7.03; superseded by Dg No 14796 25.10.06			S46	D14	PT-C	517	3
10493 Att	Title missing	1½" to 1' elevation of front portion of frame My comment; drawing virtually disintegrated					PL	517	4
10493	Leading End of Framing M51 Class D56	1½" to 1' elevation and half plan of front end of frame Endorsed: details of components added 29.1.01; superseded for D56 class by Dg No 14976 25.10.06	4.1.00	1900	D56	D15	PT-C	517	3
10493	Title missing	1½" to 1' elevation of framing My comment; drawing virtually disintegrated	14.12.01	1901	S46	D14	PT-C	517	4
10493	Alteration to Framing to Suit Boilers with Double Riveted Foundation Ring Corners for S46 Class	1½" to 1' outline side elevation of rear portion of frame	- .5.07	1907	S46	D14	PT-C	517	4
10493	Alteration to Holes in Inside Frames of S46 Class for Class F53, D56	1½" to 1' side elevation of frame from rear of bogie wheel and leading driving wheel Endorsed: superseded for D56 class by Dg No 14976 25.10.06	- .11.01	1901	S46	D14	PT-C	517	4
10495	Four Wheels Coupled Bogie Express Engines Class S46, D56-Bogie Arrangement	3" to 1' elevations, sections and plan of 6'6" wheelbase bogie with 3'9" diameter wheels Endorsed: for stayed dust shield see Dg No 32189 12.34; altered 27.1.02	28.6.99	1899	S46 D56	D14 D15	PT-C	600	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10497	Four Wheels Coupled Bogie Express Engines S46-Bogie Spring	3" to 1' elevation, section and plan of 14 plate spring 4' 0 3/4" centres unloaded Endorsed: altered 4.11.08, 1.1.10 & 12.33	16.8.99	1899	S46	D15	PT-C	498	4
10499 Ren	Engines Types D15 and D16, J17-Slide Valve Cylinders	3" to 1' elevations, sections and plans of cylinders Endorsed: for engines class J17 see Attachment; altered 18.2.39 and cylinder barrel strengthened 5.45	14.11.41	1941	-	D15 D16 J17	BP-L	513	2
10499 Att	Alteration to D15-16 Slide Valve Cylinders to Suit J17 Class Engines	3" to 1' sections of upper part of cylinder Endorsed: altered 13.7.42	- .12.40	1940	-	D15 D16	BP-L	513	2
10502	Cast Steel Roof Bars Tank Engines Classes E10, O11, F13, X13	Full size elevation and plan of roof bars and fittings and 3" to 1' elevations of three types of bar Endorsed: see Dg No 10492 8.1.00; work to blue for engines Colne and Heddingham, Colne Valley Railway 9.1.02	10.5.98	1898	E10	-	PT-C	522	2
10504	8 Inch Single Piston Westinghouse Brake Cylinder	Full size section and elevations and plan of cylinder	- .3.98	1898	-	-	PT-C	519	3
10516 Ren	Tenders Class R43, T46 Classes-Axle Box	Full size elevations and sections of axle box for 11" x 5 1/2" journals Endorsed: for renewals see Dg No 28902 and Attachment	20.4.98	1898	R43 T46	-	PL-C	484	3
10553	Proposed Schemes for Using Rolled Firebars- Scheme 2 Bars Divided to Chain Dotted	Full size elevation of firebar My comment: drawn by A. Chown	- .4.98	1898	-	-	OI-C	587	1
10578	Four Wheels Coupled Bogie Tank Engines Class S44-Arrangement of Cab and Bunker	1 1/2" to 1' elevations and plan of cab and tanks and full size details of components Endorsed: numerous alterations; see Dg No 32321 for coal stop plates My comment: drawing badly damaged	- .7.98	1898	S44	G4	PT-C	520	4
10578	Four Wheels Coupled Bogie Tank Engines	1 1/2" to 1' sectional elevations of tank	18.5.12	1912	S44	G4	PT-C	520	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Class S44-Arrangement of Tank Protection	showing position of plates	18.5.12	1912	S44	G4	PT-C	520	
10578 Att	Alteration to Coal Bunker Door for 1100 Class Tank Engines	1½" to 1' elevation showing door	21.7.17	1917	S44	G4	PL-C	520	2
10588 Part	Proposed Additional Wash Out Plug in Each Side of Back Plate for Engines Type J65, J66 & J67	1½" to 1' elevation of back plate showing position of plugs	28.1.29	1929	-	J65 J66 J67	PL-C	581	3
10588	Six Coupled Tank Engines T18 Class-Boiler Arrangement	1½" to 1' elevations, sections and plan of boiler and full size sections showing riveting My comment: drawing in very poor condition	4.7.98	1898	T18	J65	PT-C	600	4
10588 Att	Six Wheels Coupled Tank Engines J66 and J67 (T18 and R24)(160 Lbs)-Boiler-	1½" to 1' elevation of back plate showing position of plugs	11.11.25	1925	-	J65 J67	PL-C	600	3
10589	Four Wheels Coupled Bogie Tank Engines Class S44-Bogie Centre and Slide	3" to 1' elevations, sections and plan of components	17.7.98	1898	S44	G4	PT-C	533	2
10594	Four Wheels Coupled Bogie Express Engines Class S44-Flanged Plates for Tanks and Bunker	3" to 1' elevations and plans of plates Endorsed: altered for C32 class; altered 13.2.00 & 11.6.01	- .7.98	1898	S44	G4	PT-C	468	2
10595	Four Wheels Coupled Bogie Tank Engines Class S44-Bogie Pin	3" to 1' elevation and plan of pin Endorsed: altered 12.10.98	22.9.98	1898	S44	G4	PT-C	532	1
10598	Four Wheels Coupled Bogie Tank Engines Class S44-Tank Connection Pipe	Full size sections and elevation of pipe connection and 3" to 1' plan of pipe	29.9.98	1898	S44	G4	PT-C	602	2
10626	Flange for Stone's Lubricator	Full size elevation and section of flange Altered 28.4.99 and 7.11.06	19.4.99	1899	-	-	PT-C	563	2
10631 Ren	Tank Engines M15 Class Rebuilt, L77 & K85- Valve for Condensing Gear	Full size sectional elevation and plan of gear	31.12.20	1920	M15R L77 K85	F5 N7	PL-C	521	1
10638	Dome Baffle Plate	3" to 1' sectional elevations and plan showing position of plate in dome and 6" half plan of perforated plate	22.9.98	1898	-	-	PT-C	531	2
10644	Four Wheels Coupled Bogie Tank Engines	Full size elevation and plan of coupling rod 7'7" centres	21.9.98	1898	S44	G4	PT-C	516	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10044	Class S44-Coupling Rod	Endorsed: work to Dg No 25595 for new rods 4.8.27; altered 24.8.07	21.9.98	1898	S44	G4	PT-C	510	
10724 Ren	Cylinders for Engines Classes I45, S45, X45, J15	3" to 1' elevations, sections and plan of cylinders Endorsed: altered 3.45 My note: original drawing dated 1.99	31.3.41	1941	I45 S45 X45	J15	BP-L	578	3
10726	Six Wheels Coupled Goods Engines Class X45-Cast Steel Wheels	Full size part elevation and half sectional plan of 15 spoke wheel 4'11" diameter on tread and 1 ½" to 1' elevation of complete wheel Endorsed: for balance weights for future wheels see Dg No 14836	28.2.99	1899	X45	J15	PT-C	566	3
10733	Six Wheels Coupled Tank Engines J66-J69-Metallic Packing for Piston Rod and Valve Spindle	Full size elevations and pans of components My note: a later print of original drawing	- .6.99	1899	-	J66 J67 J68 J69	BP-L	496	3
10737	Alterations to Leading Driving... for Engines ... A60	6" to 1' elevation and plan of spring assembly Endorsed: undated alterations My comment: drawing badly damaged			A60	J15	PT-C	541	4
10738	Hind Axle for 15 Tons Boiler Trolley	Full size elevation of axle My comment: drawing poor condition, information from Office copy	16.1.99	1899	-	-	PT-C	599	4
10751	Six Wheels Coupled Goods Engines Class X45-Footplate and Westinghouse Reservoir	3" to 1' sections and plan of cast footplate Endorsed: 9.6.99 & 22.5.06	27.2.99	1899	X45	J15	PT-C	500	3
10757 Part	Frame Plates for Engines S45 and X45 Class	1½" to 1' elevation of frame plates	17.2.99	1899	S45 X45	J15	PT	526	2
10757	Framing-Six Wheels Coupled Goods Engines Class S45 & X45	1½" to 1' elevations of frame My comment: this is a fragment of a tracing mounted on linen	- .3.99	1899	S45 X45	J15	PT-C	554	4
					K9 No 1	- - 51-			3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10767	Springs for Balancing Link Motion for Engines Classes K9, No 1, 51, 61, Y14, 135, M12, 0477, 0467, 552, L77	Full size elevation of two spring types	10.2.99	1899	Y14 M12 61- 135- 477- 467- 552- L77	J15 N7	PB-C	577	
10772	Arrangement of Spring for Balancing Link Motion	1½" to 1' elevation of 7 arrangements applying to various engine classes	28.3.99	1899	-	-	PB-C	491	1
10785	Cast Iron Dumb Buffer	Full size elevation and plan of 10" diameter and 4" projection carriage buffer types J (for steel frames) and K (for wood)	20.2.99	1899	-	-	OI-C	578	3
10789	Details of Brackets, Pins, etc. for Springs for Balancing Link Motion of Engines Classes K9, M12, X13, No 1, 37, 61, 135, 552 & 0477	6" to 1' details of 8 components	23.2.99	1899	K9 M12 X13	-	PT-C	466	2
10791 Ren	Six Wheels Coupled Goods Engine Classes I45, S45, X45, Type J15-Cab	1½" to 1' plan of cab and full size details of handrail and constructional details Endorsed: undated alteration for class I45 only; altered for engines with Vacuum brake 3.34	17.4.34	1934	Y14	J15	PL	488	2
10813	Four Wheels Coupled Bogie Express Engines Class S46, D56-Bogie Axle	3" to 1'; elevation of 5' 7 ¼" long axle Endorsed: altered 10.7.22 and 29.1.31	18.7.99	1899	S46 D56	D14 D15	PT-C	519	1
10817	Four Wheels Coupled Bogie Express Engines Class S46-Crank Axle	3" to 1' elevations of axle Endorsed: altered 12.10.99 and 4.6.26; not required for D56 see Dg No 11434 13.7.03	6.9.99	1899	S46	D14	PT-C	522	2
10820	Four Wheels Coupled Bogie Express Engines Class S46-Trailing Axle	3" to 1' elevation of axle	18.7.99	1899	S46	D14	PT-C	566	4
10824	Four Coupled Bogie Express Engines S46 Class-Axle Box (Trailing)	6" to 1' elevations and plan of axlebox Endorsed: numerous alterations to 23.2.04; not required for D56 see Dg No 13548 My comment: badly damaged	- .4.99	1899	S46	D14	PT-C	566	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10825	Four Wheels Coupled Bogie Express Engines Class S46, D56, S69-Bogie Hornblock and Stay	6" to 1' elevations and plan My comment: fragments of drawing only	- .4.99	1899	S46 D56 S69	D14 D15 B12	PT	569	4
10825 Ren	Four Wheels Coupled Bogie Express Engines Class D15, B12-Bogie Horn Block and Stay	6" to 1' elevations, sections and plan of components Endorsed: altered 4.4.28	7.5.35	1935	-	B12 D15	P	593	2
10829	Six Coupled Goods Engines I&X45 Classes-Hornguides Leading Driving and Trailing	6" to 1' elevation and plan of horn guides for driving, leading and trailing wheels My comment: badly damaged	15.4.99	1899	I45 X45	J15	PT-C	513	4
10834 Ren	Four Wheels Coupled Bogie Express Engines Class S46-Bogie Pin and Stretcher	3" to 1' elevations and plan of stretcher	- .3.31	1931	S46	D14	PL-C	554	3
10835	Bogie casting?	3" to 1' My note: very bad condition					PT-C	569	4
10837 Ren	Four Wheels Coupled Bogie Express Engines Class B12, D14-16-Bogie Centre and Slide	3" to 1' elevations and plan of components Endorsed: altered 18.1.22 for trial engine fitted with helical control springs; altered 3.35	16.3.30	1930	-	B12 D14 D15 D16	BP-L	570	2
10838	Engines J15 Class-Smokebox	3" to 1' elevations and sections of smokebox showing blast pipe, header and top portion of cylinders	- .10.23	1923	-	J15	PL	430	1
10838 Att	Arrangement of Westinghouse and Vacuum Exhaust Pipes J15	3" to 1' sectional elevations of upper part of smokebox showing exhaust pipes and 6" to 1' details of bracket My comment: drawn by John Gardner	- .9.50	1950	-	J15	PL	530	1
10839 Ren	Four Wheels Coupled Bogie Express Engines Class S46-Coupling Rod	Full size elevations and plan of 9'0" centres rod Endorsed: altered 25.10.48	11.2.20	1920	S46	D14	PL-C	590	1
10845	Bracket for Two Vacuum Single Sight feed Lubricators	Full size elevation and plan of bracket	25.5.99	1899	-	-	PT-C	594	2
10850	Six Coupled Goods Engines X45 (Y14 Class)-	3" to 1' details of numerous components	- 5.99	1899	X45	J15	PT-C	572	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10850	Brake Details	Endorsed: altered 21.3.04, 12.8.12 and 23.3.26	1.5.99	1899	T14	D15	PT-C	572	
10863	Tenders Class T46 Type B12-Details of Spring Gear	Full size details of 4 components	1.9.33	1933	T46	B12	BP-L	566	2
10874	Lid for Liquid Fuel Tank on Four Coupled Express Engines	Full size elevation and half plan of lid and details of fittings	25.5.21	1921	-	-	PL-C	527	1
10879	Tenders Classes T46 to E56 Passenger, I50 (last 7) to H57 Goods Inclusive (Oil Fuel D15), D15, J17-Frame	1½" to 1' elevations and plan for tender frame with 4'1" wheels. Endorsed: numerous amendments; for future tenders see Dg No 16889	10.6.99	1899	T46 I50	D14 J17	PT-C	571	4
10879 Ren	Tenders Class T46 to D56 Passenger, I50 (last 7) to H58 Goods Inclusive-Frame	1½" to 1'; elevations, sections and plan of 18'3" frame with 4'1" diameter wheels and wheelbases of 6'0" x 6'0" Endorsed: numerous alterations to differentiate between goods and passenger tenders	9.8.09	1909	T46	-	P-C	600	2
10880	Tenders Class T46-Flanged Plates	3" to 1' details of various flanged plate Endorsed: altered 12.12.33	30.6.99	1899	T46	-	PT-C	549	4
10889	Six Wheels Coupled Goods Engines F48-Reversing Gear	6" to 1' arrangement of reversing gear and details of fittings Endorsed: altered 1.7.99	21.6.00	1900	F48	J16	PT-C	583	4
10904	Four Wheels Coupled Bogie Express Engines Class S46, D56, H88-Platform Step	3" to 1' elevations and plan showing cast iron step on leading driving wheel splashers Endorsed: various alteration to 16.2.23; see also Attachment for H88 16.2.23	28.7.99	1899	S46 D56 H88	D14 D15 D16	PT-C	491	2
10904 Att	Six Wheels Coupled Bogie Express Engines Class S69, also H88-Platform Steps	3" to 1' elevations and plan showing cast iron steps on splashers	31.10.11	1911	S69 H88	B12 D16	PT-C	491	2
10907	Four Coupled Bogie Express Engines S46, M51-Boiler Arrangement (4'9" Dia)	1½" to 1' elevations, sections and plan of boiler with full size details of riveting	1.8.99	1899	S46 M51	D14	PT-C	488	4
		1 ½" to 1' elevations and plan of tank only with water pick up duct			T46				3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10915	Tenders Class T46-Tank	Endorsed: altered 12.4.00; for O51 and future tenders 29.3.01; additions in red for liquid fuel burners only	10.8.99	1899	O51	-	PT-C	496	
10932	Four Wheels Coupled Bogie Express Engines D56 Class and Six Coupled Bogie Express Engines S69 Class-Cab Side Windows-Arrangement and Details	3" to 1' elevations and plan of windows and full size details of fittings Endorsed: altered 26.4.00 and 17.2.19	10.8.99	1899	D56 S69	D15 B12	PT-C	575	4
10933	Express Engines Class S46-Liquid Fuel Regulating Gear	Full size elevations and plan of gear My comment: also Dg No 329LF	3.10.99	1899	S46	D14	PB-C	488	3
10939	Four Wheels Coupled Bogie Express Engines Class S46-Frame and Boiler Stay for Engines Fitted with Liquid Fuel Injectors	3" to 1' elevations and plan of stay and full size section showing fitting to frame Endorsed: alterations up 10.10.07; not required for D56	8.9.99	1899	S46	D14	PT-C	515	4
10941	Driving, Intermediate and Trailing Springs for Above Classes of Engines	3" to 1' elevation and plan of 14 and 15 plate springs, 3'5" centres unloaded and full size section of spring and buckle with table of applicable engine classes Endorsed: altered 12.33 and 11.44; for future of 15 plate springs see Dg No 37361 12.49 and 14 plate springs Dg No 37025 9.49	- .5.25	1925	-	-	PL-C	578	2
10948	Four Wheels Coupled Bogie Express Engines Class S46, G58-Back Cylinder Cover and Metallic Packing for Piston Rod	Full size elevations and sections of components Endorsed: see Dg No 17533 for back covers for D15/2, D16/2, D16/3 and J17 slide valve 4.47	- .6.00	1900	S46 G58	D14 J17	PB-C	519	4
10950	Four Wheels Coupled Express Engines Class S46, F48, D56, G58-Valve Spindle Guide	Full size section, elevation and plan of guide	- .9.99	1899	S46 F48 D56 G58	D14 J16 D15 J17	PT-C	514	4
		Full size elevations of sheaves			S46				2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10951	Four Wheels Coupled Bogie Express S46 Class, F48-Eccentric Sheaves	Endorsed: altered 1.9.99; not required for D56 see Dg No 11460; see Dg No 7239 for engines class S46 and F48 23.8.00	6.9.99	1899	F48		PT-C	523	
10952	Bogie Express Engines Classes S46-Eccentric Straps	Full size elevation and plan of strap Endorsed: for straps S46 and F48 see Dg No 7451; also H50 15.12.00 My comment: drawing badly damaged	- .9.99	1899	S46	D14	PT-C	551	4
10953	Four Wheels Coupled Bogie Express Engines S46, F48, G58 Belpaire-Reversing Shaft	3" to 1' arrangement and full size details of shaft Endorsed: for F53 class and future express engines see Dg No 12736 30.12.01	8.9.99	1899	S46 F48 G58	D14 J16 J17	PT-C	490	3
10954	Four Wheels Coupled Bogie Express Engines Class S46-Slide Valve and Spindle	Full size elevations and section of valve Endorsed: numerous alteration to 30.10.07; not required for D56 class see Dg No 11644	17.11.99	1899	S46	D14	PT-C	562	4
10955 Ren	Four Wheels Coupled Express Engines Class S46-D15, D56-D16 and Six Wheels Coupled	Full size details of components Endorsed: altered 12.7.21	-	1940	S46	D14	PL	583	2
10955 Att	Six Wheels Coupled Goods Engines Class F48 & G58-Valve spindle	Full size elevations and plan of spindle	26.1.20	1920	F48	J16	PL	583	1
10956	Water Gauge for Tenders	Full size elevations and plan of gauge	4.12.99	1899	-	-	PL-C	588	2
10957	Four Wheels Coupled Bogie Express Engines Class S46, D56-Motion Arrangement	3" to 1' elevation and plan of motion	8.9.99	1899	S46 D56	D14 D15	PT-C	575	3
10961 Ren	Four Wheels Coupled Bogie Express Engines Class S46 D56, F48, G58-Earl's Metallic Packing for Valve Spindles	Full size sectional elevation and end elevation of arrangement Endorsed: see Dg No 17534 for D56 class engines fitted with superheater 16.11.10	- .5.10	1910	S46 D56 F48 G58	D14 D15 J16 J17	P-C	489	4
	Four Wheels Coupled Express Engines Class	Full size sectional elevations and plan of gun metal clack box			S46	D14			1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10963	Four Wheels Coupled Express Engines Class S46, F48-4-6-0 Engines Type B12-Clack Box	Endorsed: altered 17.6.02 added 1956 from old shop copy	c. 1956	1956	F48	J16 B12	P	475	
10963 Part	Six Wheels Coupled Bogie Express Engines 1500 Class-Clack Box Seating	Full size section and plan of seating	11.3.19	1919	S69	B12	P	475	1
10963	Four Wheels Coupled Express Engines Class S46-Longitudinal Stay	Full size elevation of stay and method of fixing to boiler plates	- .11.99	1899	S46	D14	PT-C	499	3
10964 Ren	Four Wheels Coupled Bogie Express Engines Class S46, D56 and Coal Engines G58-Steam Pipe Elbows	3" to 1' elevation, sections and plans of elbow Endorsed: two brass elbows added original drawing dated 26.11.10	- . 7.26	1926	S46 D56 G58	D14 D15 J17	PL-C	571	2
10977	Four Wheels Coupled Bogie Express Engines S46 Class-Leading Splasher	3" to 1' elevation and plan of splasher Endorsed: D56 added 15.7.03; work to blue for M51 and D56 16.2.01; numerous other alteration up to 14.9.21	26.10.99	1899	S46	D14	PT-C	512	4
10977 Att	Six Wheels Coupled Bogie Express Engines Class S69-Leading Splasher	3" to 1' elevations and plan of splasher Endorsed: altered 14.9.21	18.10.11	1911	S69	B12	PT-C	512	3
10983	Proposed Protecting Plate for Rivets in Firehole Ring	6" to 1' elevation and section of ring and full size detailed section for unspecified classes	7.10.99	1899	-	-	PT-C	547	2
10988	Four Wheels Coupled Bogie Express Engines F46 Class-Chimney Top	Full size elevation and section Endorsed: altered 22.4.01 Nos 1890 and 1900 had brass tops to chimney, Nos 1800 to 1889 and 1891 to 1899 had copper; future engines to have tops of brass to this drawing; altered for class Y65	11.10.99	1899	F46	D14	PT-C	476	4
10989	Four Wheels Coupled Express Engines Class S46-Foundation Ring	3" to 1' elevation and plan of ring with full size details of corner riveting Endorsed: altered 14.10.99. 5.11.00 and 9.1.01; not required for D56 see Dg No 13552	20.10.99	1899	S46	D14	PT-C	571	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
10989 Att	(Untitled)	Full size sectional elevation of corner riveting for foundation ring Endorsed: work to this tracing for engine 1169 and future engines 5.11.00; to black for 1169 engine; to blue for future engines 9.1.01	-	1900	F48	J16	PT-C	571	2
10990	Four Wheels Coupled Bogie Express Engines S46 Class, D56-Chimney	Full size half elevation and section of chimney and 3" to 1' of base showing position of bolt holes Endorsed: altered 20.12.99, 9.7.03 and 13.1.10	- .10.99	1899	S46	D14	PT-C	565	3
10991	Frame Gusset Stays for Engine Class S44	3" to 1' elevations of 5 plates	- .10.99	1899	S44	G4	PT-C	483	2
10993	Four Wheels Coupled Bogie Express Engines D56-Westinghouse Exhaust Pipe	Full size sectional elevation of exhaust Endorsed: see Attachment for alteration to this joint 9.1.08	7.1.08	1908	D56	D15	PT-C	532	4
10993 Att	Four Wheels Coupled Bogie Express Engines D56-Alteration to Westinghouse Exhaust Pipe Joint in Smokebox	Full size sectional elevation of joint and plan of flange Endorsed: altered 6.5.09	7.1.08	1908	D56	D15	PT-C	532	3
10993 Att	Four Wheels Coupled Bogie Express Engines D56-Westinghouse Exhaust Pipe Covering	Full size sectional elevation of pipe covering	- .10.03	1903	D56	D15	PT-C	532	4
10994	Alteration to Truss Rods of Restaurant Cars	1" to 1' part side elevation, sectional end view and part plan of frame showing	16.10.99	1899	E45 G45	18C 412C	PT-C	522	1
10996	Four Wheel Bogie Express Engines D56 Class-Westinghouse Brake Details	3" to 1' and full size details of numerous components Endorsed: altered 6.12.00 and 21.3.04; see Dg No 16922 for D56 class 17.11.09	-11.99	1899	D56	D15	PT-C	573	4
10996 Att	Socket for Pipe from WH Pump to Steam Cock	Full size section and elevation of socket	30.11.00	1900	-	-	PT-C	573	2
10996 Att	Bracket for WH Pipe for F53 Class Engines	3" to 1' details of bracket Endorsed: altered 3..6.12; not required for D56 17.9.03	31.12.00	1900	F53	D14	PT-C	573	2
10996	Alteration to S46 Class Brake Details to Suit	3" and 6" to 1' details of components and assemblies							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Alteration to S46 Class Brake Details to Suit D56 Class	Endorsed: altered 21.3.04, 15.6.09 and 3.6.12; cancelled see Dg No 16922 for D56 class	-	-	D56	D15	PT-C	573	
10996 Att	WH Pump Bracket for Engs. S46 Class with Double Riveted Foundation Ring Corners	3" to 1' sectional elevation and elevation of bracket fixed to boiler Endorsed: altered 4.1.08 and 3.6.12; see Dg No 16922 for D56 class 17.11.09	- .5.07	1907	S46	D14	PT-C	573	2
11002	Four Wheels Coupled Express Engines Class S46-Ash Pan	3" to 1' elevations and plan of ash pan Endorsed: altered 1.12.00 15.1.01 4.6.01 and 21.5.07; not required for D56 class	- .10.99	1899	S46	D14	PT-C	582	3
11002 Att	Alteration to Corners at Back End of Ash Pan Engines M51 Class	3" to 1' details of alteration	22.5.01	1901	M51	D14	PT-C	582	1
11003	Four Wheels Coupled Express Engines Class S46-Ashpan Details	Full size details of numerous components Endorsed: altered 15.11.99, 10.4.09 and 30.4.34; altered for M51 class and future engines 21.5.01; not required for D56 class	- .11.00	1900	S46	D14	PT-C	560	3
11003 Att	Casting and Plate for Back Corner of Ashpan fitted with Deflecting Plates	Full size elevations and section of components Endorsed: arrangement of ashpan see Dg No 13770; altered 15.6.04 and 8.7.04	- .5.04	1904	S46	D14	PT-C	560	1
11005	Four Wheels Coupled Bogie Express Engines S46 Class-Injector Gear Arrangement and Details	3" to 1' elevations and plan of arrangement of injector and full size details of components	19.10.99	1899	S46	D14	PT-C	572	4
11005 Att	Four Coupled Express Engines Class S46-Arrangement of Injector Gear for LH Side	3" to 1' elevation and plan showing gear on part of footplate	23.10.07	1907	S46	D14	PT-C	572	3
11006	Four Coupled Bogie Express Engines S46 Class-Details of Exhaust Injector Gear	3" to 1' arrangement and full size details of components Endorsed: see Dg No 1105 for arrangement and details of restarting injector on left hand sides My note: very bad condition	- .10.99	1899	S46	D14	PT-C	561	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11009 Ren	Six Wheels Coupled Tram Engines Type J70-Safety Valve	Full size elevations, section and plan of valve Endorsed: altered 5.22	17.12.		-	J70	PL	531	2
11009 Att	Alteration to Safety Valve Lever C53 Class	6" to 1' elevation of lever Endorsed: altered 28.4.03	28.4.03	1903	C53	J70	PT-C	531	2
11012	Four Wheels Coupled Bogie Express Engines Class S46-Reversing Nut	Full size elevation, section and plan of component Endorsed: altered 21.2.00, 24.4.00 and 16.7.01; not required for D56	27.12.99	1899	S46	D14	PT-C	521	3
11019 Ren	Four wheels coupled Bogie Express Engines Class S46-Rod, Pipe, Injector and Liquid Fuel Arrangement	1½" to 1' side and end elevations and plan showing arrangement of components Endorsed: numerous alterations	5.7.09	1909	S46	D14	P-C	526	4
11019 Att	Arrangement Showing Alterations to Pipes, Etc for M51 Engines	1½" to 1' arrangement of pipes shown on elevations and half plan of engine Endorsed: alterations to 7.1.02	2.3.01	1901	M51	D14	PT	526	4
11019 Att	Injector Steam Pipes for Engines Class F53	1½" to 1'elevations and plan showing arrangement of pipes in relation to cab Endorsed: not required for D56	- .12.01	1901	F53	D14	PT-C	526	1
11019 Part	Four Wheels Coupled Bogie Express Engines S46 Class-Alteration to Injector Pipes on LH Side to Suit No 9 Restarting Injector	1½" to 1' part side elevation of framing showing position of injector Endorsed: not required for D56	10.5.00	1900	S46	D14	PT	526	2
11020	Four Wheels Coupled Bogie Express Engines S46 Class-Clothing Arrangement	1½" to 1' side elevation of boiler only on frames and 6" to 1' sectional view of firebox Endorsed: altered for F53 2.02; numerous others to 20.10.05	3.1.00	1900	S46	D14	PT-C	489	4
11020 Att	Four Wheels Coupled Bogie Express Engines M51 Class-Arrangement of Distance Pieces for Boiler Mountings	1½" to 1' part elevation of back plate showing position of mountings Endorsed: altered for F53 7.1.02	3.6.01	1901	M51	D14	PT-C	489	2
11021	Four Wheels Coupled Express Engines Class S46-Details of Cylinder Cock Gear	Full size details of numerous components Endorsed: see Dg No 17537E for cylinder cocks and connecting pieces	11.12.99	1899	S46	D14	BP-L	560	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11022	Four Wheels Coupled Bogie Express Engines Class S46-Exhaust Injector Gear	Full size details of several components Endorsed: altered 6.2.00 and 13.6.00; not required for D56	- .12.99	1899	S46	D14	PT-C	514	4
11023 Ren	Four Wheels Coupled Bogie Express Engines Class S46-Clothing and Pipe Details	3" and 6" to 1' and full size details of numerous components	- .7.26	1926	S46	D14	PL	491	1
11033	Four Coupled Bogie Express Engines Class S46-Brake Arrangement	1½" to 1' outline elevation and plan of engine showing arrangement of brake gear Endorsed: altered 1.1.02, 21.3.04 & 6.1.05	- .11.99	1899	S46	D14	PT-C	494	4
11047	Water Pickup Tenders Class A46-Arrangement and Details of Scoop and Air	3" to 1' elevations and sections and 6" to 1' details of components	13.11.99	1899	A46	-	PT-C	565	4
11047 Part	Balance Spring for Scoop Tenders Class T46	Full size elevations of spiral spring	-	-	T46	-	PT-C	565	3
11050 Ren	Four Wheels Coupled Bogie Express Engines-Blast Pipe S46, D56 Class	3" to 1' section, elevation and plan of blast pipe Endorsed: blast pipe gear to Dg No 11107	- .3.10	1910	S46 D56	D14 D15	PC	543	3
11055 Ren	Engine Types D15 & 16, J17-Steam Chest Cover	Full size elevations of cover	11.11.37	1937	-	D15 D16 J17	BP-L	490	2
11059	Four Wheels Coupled Bogie Express Engines Class S46-Reversing Arrangement	3" to 1' elevations and plan showing arrangement in relation to cab Endorsed: altered 19.12.00; for M51 and future engines see Dg No 11059A and for D56 see Dg No 12760	- .7.00	1900	S46	D14	PB-C	499	2
11059 A	Four Wheels Coupled Bogie Express Engines Class S46-Reversing Arrangement	3" to 1' elevations and plan of arrangement in relation to engine footplate Endorsed: for class F53 see Dg No 12760; also not required for D56, see Dg No12760; coloured arrangements show alterations for N51	27.2.01	1901	S46	D14	PB-C	516	2
11060	Four Coupled Bogie Express Engines M51	3" to 1' and full size details of numerous components	12.00	1900	M51	D14	PT-C	516	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11060	(S46 Class)-Reversing Gear Details	Endorsed: altered 28.1.01 and 12.11.07 My comment: drawing badly damaged	5.12.99	1899	S46	D14	PT-C	540	
11065	Whistle Socket and Lever S46, D56, S56, L77, S69	Full size elevations Endorsed: altered 4.9.02; see also Dg No 5935 6.53	21.11.99	1899	S46 D56 S56 S69 L77	D14 D15 J67 B12 N7	PT-C	491	4
11069	Water Pick Up Tenders Class T46-Air Valve for Scoop	Full size elevation, section and plan of valve Endorsed: altered 15.2.00 and 30.11.00; locking gear to be used see Dg No 13052 7.8.03	24.11.99	1899	T46	-	PT-C	529	2
11072	Four Wheels Coupled Bogie Express Engines S46 Class-Vacuum Brake Arrangement and Details	3" to 1' arrangement and details of equipment Endorsed: altered 31.7.06, 27.4.07 & 26.4.09	5.12.99	1899	S46	D14	PT-C	499	4
11073	Flange for Stone's Two Quart Lubricator S46, D56	Full size elevations of flange	5.12.99	1899	S46 D56	D14 D15	PT-C	507	3
11075	Four Wheels Coupled Bogie Express Engines Classes S46, D56-Westinghouse Steam Cock, Spindle and Wheel	Full size section of cock and components Endorsed; for Westinghouse steam cock and seating for 1500 class engines see Dg No 22301; altered 6.3.01 and 27.11.03	28.11.99	1899	S46 D56 L77	D14 D15 N7	PT-C	601	4
Ren 11076	Engines Types B12, D13-15, J17-20 and N7-5 ½" Regulator	Full size elevations and sections of regulator Endorsed: altered 3.10.56; print taken from Beyer Peacock Dg No 27	5.6.35	1935	-	B12 D13 D14 D15 J17 J18 J19 J20	PL	500	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
						N7			
11081 Ren	Four Wheels Bogie Express Engines Class S46, (D15, & D16 (SV), J17-Front Cylinder Cover	Full size section and elevation of cover Endorsed: altered 9.34	-	-	S46	D15 D16 J17	P	521	1
11081	Four Wheels Bogie Express Engines Class S46, G58-Front Cylinder Cover	Full size section and elevation of cover Endorsed: altered 31.7.00, 9.34 and 4.35 My comment: part of drawing missing	6.12.99	1899	S46	D14	PT-C	606	4
11098 Ren	Six Wheels Coupled Goods Engines Class 1212 and J18, J17 and D15-Regulator Stuffing Box and Details	Full size details of components Endorsed: altered 13.12.56; not required for D56 class with 5' 0" diameter boiler see Dg No 22190 29.1.23	14.3.43	1943	-	D15 J16 J17 J18	BP-L	522	1
11098 Att	Engines Type J15, E4, F3, J17-Alteration to Regulator Handle for Engines with Two Water Gauges	Full size elevations of Handle	18.2.43	1943	-	E4 F3 J15 J17	BP-L	522	1
11104	Four Wheels Coupled Express Engines S46 Class-WHB Exhaust Pipe	Full size elevation and section of pipe Endorsed: work to this drawing for coal burning engines only, for liquid fuel engines see Dg No 10993; not required for D56 class see Dg No 10993Att	4.1.00	1900	S46	D14	PT-C	538	2
11106	Four Wheels Coupled Bogie Express Engines S46 Class & T19 Belpaire-Auxiliary Cock for Exhaust Steam Injector	Full size sectional elevations and plan of cock Endorsed: altered 3.4.02 for Westinghouse steam cock for T19 class engine fitted with Belpaire firebox; also 20.3.15 for E72 and D56 fitted with Weir's feed pump and heater	20.12.99	1899	S46 T19	D14 -	PT-C	486	4
11106 Att	Alteration Required to 1 Inch Cock for D56 lass Engines with Exhaust Injector	Full size elevations and plan of cock	16.9.13	1913	D56	D15	PT-C	486	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11107	Blast Pipe Gear for Engines S46 Class	3" to 1' details of gear Endorsed: numerous alterations for classes T19 Belpaire, D56, F48, P52 and G58; for other details see Dg No 10458	- .12.99	1899	S46	D14	PT-C	570	3
11107 Att	Four Wheels Coupled Bogie Express Engines Class D56-Blast Pie Gear for Engines Fitted	3" to 1' arrangement of gear and full details of components	8.2.11	1911	D56	D15	PT-C	570	3
11109	Four Wheels Coupled Express Engines Class S46-Driving and Trailing Spring Gear	Full size elevations and plans of 3 components Endorsed: altered 13.12.00, 9.12.01 and 6.3.24	2.7.00	1900	S46	D14	PL	559	1
11113	Four Wheels Coupled Bogie Express Engines D56 Class-Oil Box for Bogie Slide (4 Nipples)	Full size elevations and section of oil box Endorsed: altered 16.7.03 21.11.11; class S69 added My comment: drawing badly damaged	21.12.99	1899	D56	D15	PT-C	545	4
11114	Tenders Class T46-Rod, Pipe and Brake Arrangement	1½" to 1' elevations and plan of tender with scoop Endorsed: alterations to brake work and scoop gear; arm for cord marked 'not required 22.1.12'	22.12.99	1899	T46	-	PB	604	4
11114 Att	Arrangement of Water Gauge on Tenders Class T46	1½" to 1' part elevations and plan of tender showing position of gauge	29.7.03	1903	T46	D14	PB	604	2
11114 Part	Water Gauge for Tenders-Arrangement on Tenders Class T46	1½" to 1' arrangement shown in relation of part elevation and plan of tender with full size details Endorsed: for water gauge details for tenders class 1500 see Dg No 22377 22.11.20	24.10.00	1900	T46	D14	PT-C	604	2
11114 Part	Tenders Class T46-Pipe Shield	6" to 1' elevation and plan of shield not required for 051 and future tenders	10.1.00	1900	T46	-	PT-C	604	2
11122 Ren					S69 D56 S46 T19 Y65	B12 D15 D14 D13 F7			3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Passenger Engines Class S69, D56, S46, T19, Y65, G69, C72, L77-Goods Engines Classes E72, G58, F48, B74-Firehole Door	6" to 1' elevation and section of door and equipment and 3" to 1' elevations of protection ring and cover plate	5.10.22	1922	G69 C72 L77 E72 G58 F48 B74	F6 J68 N7 J18 J17 J16 Y4	PL-C	577	
11122 Att	Side Glare Screen Plates for Existing Firehole Door Screens (Old Type)	6" to 1' elevation and plan of screens	- .9.22	1922	-	-	PL-C	577	2
11123	Four Wheels Coupled Bogie Express Engines-Liquid Fuel Heater for Tenders T46 Class	Full size sections and elevation of heater Endorsed: altered 14.3.00	4.1.00	1900	T46	-	PT-C	548	4
11124	Four Wheels Coupled Express EnginesS46 Class-Dome Casing	Full size half sectional elevation of casing 2'2¼" overall Endorsed: not required for D56 see Dg No 12854; altered 11.3.01; height altered 2'2¼" 18.11.07	4.1.00	1900	S46	D14	PT-C	580	2
11128	Tenders Class T46-Rod and Levers for LF Valve	6" to 1' elevations of levers Endorsed: altered 10.5.01 for class A53; altered 28.11.00	4.1.00	1900	T46	-	PT-C	569	3
11129	Four Wheels Coupled Bogie Express Engines S46-Nameplate	Full size elevation and section of Claud Hamilton nameplate Endorsed: not required for D56	- .1.00	1900	S46	D14	PT-C	464	1
11130	Four Wheels Coupled Bogie Express Engines Class S46-Sand Box Details	Full size details of 3 components Endorsed: altered 9.2.00	8.1.00	1900	S46	D14	PT-C	562	1
11141	Clips for Securing Valve Spindle S46 Class, M51	Full size elevation and section of clip and details of bolts	17.1.00	1900	S46	D14	PT-C	559	1
11142	Bogie Four Coupled Express Engines S46 Class-Sand Trap Showing Alteration	1 ½" to 1' details of alterations to sand trap	- .1.00	1900	S46	D14	PL-C	465	4
11152	Six Wheels Coupled Goods Engines N31 Class with 4'9" Boiler-Cab	1½" to 1' elevations and plan of cab	- .2.00	1900	N31	Y14	PT-C	592	1
11153	Six Wheels Coupled Goods Engines Class N31 with 4' 9" Boiler-Alteration to Frame	6" to 1' part elevation and plan of frame showing alteration between centre and trailing wheels Endorsed: see Dg No 8929 for frame	- .2.00	1900	N31	J14	PT-C	549	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11156	Six Wheels Coupled Goods Engines N31 Class with 4' 9" Boilers-Cast Iron Footplate	3" to 1' sections, elevations and plan of footplate	- .2.00	1900	N31	Y14	PT-C	541	1
11158	Six Wheels Coupled Goods Engines Class F48, G58-Crank and Leading and Trailing Axles	3" to 1' elevations of crank and axles Endorsed: for crank axle L77 see Dg No 19228 18.11.14; for axles for L77, K85, K89 see Dg Nos 19259 and 21355 29.1.21; altered 7.7.25 and 9.37	6.2.00	1900	F48 G58	J16 J17	PT-C	601	3
11162	Six Wheels Coupled goods Engines Class N31 with 4 Ft 9 Ins Boiler & F48-Ash Pan	3" to 1' elevation, section and plan of ash pan and full details of fixing Endorsed: altered 8.12.00; 11.12.07 for F48 class	- .2.00	1900	N31 F48	J14 J16	PT-C	462	2
11169	Travelling Liquid Fuel Tanks-Capacity 1800 Gallons	1½" to 1' general arrangement of rectangular tank mounted on standard 15ft steel underframe Endorsed: undated alteration to tank stays and additional end stanchions My comment: part of sectional end elevation torn off	15.2.00	1900	P50	34W	PT-C	525	4
11171 Ren	Motion Plate Class J17	3" to 1' elevations and plan of plate with full size section of flange	21.3.49	1949	-	J17	PL	488	1
11186	Six Wheels Coupled goods engines Y14 Class with 14 Ft 9 Ins Boiler-Cast Iron Footplate	3" to 1' sections, elevations and plan of footplate	- .3.00	1900	Y14	J15	PL-C	465	1
11194	Four Wheels Coupled Bogie Express Class S46-Reversiong Cylinder and Piston	Full size elevation, section and plan of components Endorsed: altered 13.1.01 & 13.10.08; for F53 class see Dg No 12733; not required for D56 class 12.7.33; altered for M51 and future classes	- .7.00	1900	S46	D14	PB-C	488	2
11195 Ren	Six Wheels Coupled Goods Engines Class F48, G58, E72, Tank Engines L77-Leading and Driving Hornblocks	6" to 1' elevations and plans of hornblocks Endorsed: altered for E72 and L77	- .4.35	1935	F48 G58 E72 L77	J16 J17 J18 N7	BP-L	585	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11198	Four Wheels Coupled Bogie Express Engines Class S46-Valve Box for Reversing Cylinder	Full size plan and sections of valve box with sections through plug Endorsed: altered 2.9.10; not required for D56 class	12.7.00	1900	S46	D14	PB-C	471	3
11199 -1 Part	Cast Steel Top Spring Bracket	6" to 1' elevations and plan of bracket Endorsed: 66 required to this							2
11199 -2 Part	Cast Steel Bottom Spring Bracket	6" to 1' elevations and plan of bracket Endorsed: 66 required to this	5.3.00	1900	-	-	PB-C	497	
11201	Six Wheels Coupled Engines Classes F48, G58, E72, L77-Cast Steel Spring Hanger Brackets	6" to 1' elevations and sections of spring hanger brackets in relation to springs Endorsed: altered for arrangement of spring gear for D81 class see Dg No 21955 10.10.18; also 29.7.33 & 2.11.36	19.2.16	1915	F48 G58 E72 L77	J16 J17 J18 N7	PL-C	489	3
11204	Tenders Class T46-Brass Bend for water Cock	Full size elevation and plan of bend Endorsed: altered 23.3.00; for water cock see Dg No 7097	8.3.00	1900	T46	-	PT-C	547	2
11225	Six Wheels Coupled Goods Engines Class F48 (J17)-Framing	1½" to 1' elevation, plan and detail of framing with arrangement of springing My comment; drawing virtually disintegrated	15.5.00	1900	F48	J16	PT-C	512	4
11225 Att	Alteration to Frame to Suit Boiler to Suit Boiler with Double Corner Foundation Ring	1½" to 1' part side elevation of rear part of frame	- .9.07	1907	F48	J16	PT-C	512	2
11231	Westinghouse Steam Cock and Governor S46 Class	Full size elevations, sections and plans of components Endorsed: not required for D56; undated alterations	- .4.00	1900	S46	D14	PB-C	470	2
11235	Air Cock and Tee Piece for Water Gauge Tenders Class T46	Full size sectional elevation of components	9.4.00	1900	T46	-	PT-C	476	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11238	No 1 Class Tenders-Brake Balancing Arrangement and Details in Place of Lever and Weight	3" to 1' arrangement of gear and full size details of components	8.5.00	1900	No 1	-	PT-C	603	3
11240	Four Wheels Coupled Bogie Express Engines Class S46-Balancing Valve for Reversing Gear	Full size elevations, sections and plan of valve and components	- .4.00	1900	S46	D14	PB-C	557	2
11248	Details of Underframe for Ballast Wagon K49 Class	1½" and 3" to 1' details of numerous components for underframe Endorsed: work to red for B59 with bolster 2.3.05	28.5.00	1900	K49	40W	PB-C	520	2
11251	Six Wheels Coupled Goods Engines Class F48-Coupling Rod and Crank Pin	Full size elevations and plan of components Endorsed: alterations to 25.10.48	22.5.00	1900	F48	J16	PT-C	581	4
Att 11251	Temporary Arrangement to Suit Engines 1150 to 1159	Full size details of leading and trailing end	18.10.00	1900	F48	J16	PT-C	581	2
Ren 11253	Six Wheels Coupled Goods Engines G58, F48, E72-Chimney	6" to 1' section, elevation and half plan of chimney Endorsed: altered for E72 class 5.7.12 My comment: indistinct print taken from coloured tracing	- .5.00	1900	G58 F48 E72	J17 J16 J18	P	551	3
Ren 11257	Six Wheels Coupled Goods Engines Classes F48, G58, E72, T77-Steam Brake Arrangement	1½" to 1' arrangement shown on outline elevation and plan of engine and frame	31.12.17	1917	F48 G58 E72 T77	J16 J17 J18 J19	PL-C	568	3
Ren 11262	Six Wheels Coupled Goods Engines Class J17, J19-Leading Axle box	Full size elevations, sections and plan of axlebox Endorsed: altered 10.3.43	1.1.40	1940	-	J17 J19	PL	579	1
Ren 11263	Six Wheels Coupled Goods Engines Class F48 (J17), G58, D72 (J18 & 19), N7-Driving Axlebox and Spring Hanger	Full size elevations, sections and plan of components Endorsed: see Attachment for alteration to white metal; alterations to 10.3.43	- .2.18	1918	F48	J17	PL-C	556	2
Att 11263	Driving Axlebox for Engines Class F48, G58, E72, L77-Alteration to White Metal	Full size elevation of bearing Endorsed: altered 26.1.28 and 10.3.43	13.10.19	1919	F48 G58 E72 L77	J16 J17 J18 N7	P-C	556	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11264	Six Wheels Coupled Goods Engines Class F48 Class G58-Smokebox	3" to 1' sectional side and end elevation of smokebox Endorsed: numerous alterations	- .5.00	1900	F48	J16	PT-C	462	4
11265 Ren	Spring Hanger and Bracket for Front End of Leading Spring Class J17	Full size details of 4 components	22.8.51	1951	-	J17	P-L	569	2
11268	Six Wheels Coupled Goods Engines F48, G58 Classes-Valve Spindle Connections	Full size elevation and plan of spindle Endorsed: to be made of wrought iron 10.11.00	- .5.00	1900	F48	J16	PT-C	532	4
11269	Six Wheels Coupled Goods Engines Class P52, F48, G58 with Belpaire Firebox-Ashpan Details	Full size elevations and plans of several components Endorsed: altered 30.8.00	14.5.00	1900	F48 P52 G58	J16 J17	PT-C	519	4
11269 Att 1	Six Wheels Coupled Goods Engines Class P52, F48, G58 with Belpaire Firebox-Ashpan Details	Full size elevations and plans of 5 components Endorsed: for other details see Dg No 11269; for other details for E71 see Dg Nos 18237 and 11269 Att No 2	31.10.01	1901	F48 P52 G58	J16 J17	PT-C	519	2
11269 Att 2	Ashpan Corner Castings for Goods Engines Doubled Riveted Foundation Ring Corners Class G58, E72	Full size details of a component Endorsed: altered 31.7.12 My comment; drawing virtually disintegrated	- .9.04	1904	G58 E72	J17 J18	PT-C	519	4
11279	Six Coupled Goods Engines F48 Class-Cab Arrangement	1½" to 1' elevations and plan of cab Endorsed: altered 20.8.07 and 20.9.20 My comment: drawing badly damaged	- .5.00	1900	F48	J16	PT-C	546	4
11280	Six Coupled Goods Engines F48 Class-Details of Cylinder Cock Gear	Full size elevations and plans of various components Endorsed: for cocks and connection for F48 Belpaire superheater engines see Dg No 17537 25.6.1919 My comment: drawing badly damaged	- .5.00	1900	F48	J16	PT-C	540	4
11283	Six Wheels Coupled Goods Engines Class F48, L52, G58-Injector Pipe and Clothing Details	Full size details of fittings and components Endorsed: altered 17.9.09 & 2.9.25	25.2.08	1908	F48	J16 J17	P-C	477	3
11284	Sand Gear Details J17	Full size details of numerous components	- .9.12	1912	-	J17	P	466	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren		My note: drawing retraced 11.56							
11284 Att	Sand Gear Details	3" to 1' arrangement of gear and full size details of components My note: drawing retraced 11.56	- .9.01	1901	-	J17	P	466	1
11284 Ren	Six Wheels Coupled Goods Engines Class F48, G58-Sand Gear Details	Full size elevations and plans of numerous components Endorsed: altered for L52 and future engines; details in blue for LM 3780; altered 12.9.00 and 7.12.05	20.9.12	1912	F48 G58	J16 J18	PT	513	4
11284 Att	Alteration to Sand Gear Class L52, G58	3" to 1' elevation and plan of arrangement and full size details of components Endorsed: altered 9.3.08, 18.8.10 and 21.10.10	18.9.01	1901	L52 G58	J16 J18	PT-C	513	2
11285	Six Wheels Coupled Goods Engines Classes F48, G58 Belpaire-Splasher and Sandbox Leading	3" to 1' elevations and plans of splasher with leading sandbox and 6" to 1' and full size details Endorsed: numerous alterations to 2.40 My comment: about half the drawing remains	- .6.00	1900	F48 G58	J16 J17	PT-C	602	4
11285 Att	Alterations to Leading Sandbox and Splasher to Suit Dry Sanding Gear H80 Class J19	3" to 1' sectional elevations and plan of combined sand box and splasher Endorsed: altered 2.40	- .8.17	1917	H80	J19	PL-C	602	2
11286	Six Coupled Goods Engines F48 Class-Rod, Pipe & Clothing Arrangement	1½" to 1' elevations and plans of engine Endorsed: numerous alterations My note: drawing in appalling condition	- .5.00	1900	F48	J17	PT-C	477	4
11288	Six Wheels Coupled Goods Engines F58, G58 Blast Pipe	6" to 1' elevation, sectional elevation and plan of blastpipe Endorsed: altered 25.7.07 and 15.1.09	15.1.09	1909	F58 G58	J16 J17	PT-C	539	3
11299	Six Wheels Coupled Goods Engines Class F48-Reversing Rod	3" to 1' elevation and plan of rod with full size details	15.6.00	1900	F48	J16	PT-C	577	2
11299 Att	Six Wheels Coupled Goods Engines Class F48-Hydraulic Reversing Gear-Alteration to	3" to 1' elevation and plan of rod showing revised dimensions	3.11.13	1913	F48	J16	PT-C	577	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11300	Carriage Oil Axlebox 'K' with Open Front and Moveable Oil Well	Full size elevations, sections and plans of axlebox Endorsed: altered 22.9.00 My note: journal size not given but 7 7/8" x 3 3/4"	25.6.00	1900	-	-	PB-C	543	2
11301	Arrangement of Air Feed pipe to Scoop Valve Engines S46 Class	1 1/2" to 1' sectional side elevation showing position of pipe work and full size section of brass tee	12.6.00	1900	S46	D14	PT-C	461	4
11309	Six Wheels Coupled Goods Engines Class F48-Frame and Boiler Stay	3" to 1' elevation and plan of stay in relation to boiler backplate and full size details of fixings Endorsed: altered 17.10.01, 1.7.01, 23.8.07 & 5.54	16.7.00	1900	F48	J16	PT-C	504	3
11330	Four Wheels Coupled Bogie Tank Engines S44 Class-Arrangement of Water Tanks in Coal Bunker	3" to 1' part side elevation and plan of engine showing connecting pipe between bunker and side tanks	- .8.00	1900	S44	G4	PT-C	587	4
11331	Relief Valve for Engines S46 Class	Full size sectional elevation and plan of flange Endorsed: not required for D56	30.7	1900	S46	D14	PT-C	533	1
11336	Apparatus for Showing Action of Tender Water Gauge	Full size plan and elevation of gauge made from mahogany with glass tube	3.8.00	1900	-	-	PT-C	521	3
11352	Details of Brakework for 32Ft and 34Ft 6Ins Frames	3" to 1'details of numerous components for carriage underframes Endorsed: altered 8.11.11; for E58 and future stock	18.10.07	1907	-	-	PL-C	462	2
11386	Four Wheels Coupled Bogie Tank Engines 61 & 0136 Classes-Metallic Packing for Piston Rods	Full size elevations and sections of piston rod glands Endorsed: work to red for 135 class only 4.7.01; altered 22.11.01	- .10.00	1900	61 136	-	PT-C	498	4
11394	Four Wheels Coupled Bogie Express Engines Class S46-Method Lubricating Trailing Axle Box and Horns	1 1/2" to 1' elevations showing method of lubrication and 3" to 1' and full size details of components Endorsed: altered for M51 class 21.11.00	- .11.00	1900	S46	D14	PB-C	482	3
		3" to 1' elevations, sections and plan of cylinders				J66			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11397	Cylinders-Six Wheeled Coupled Engines J66-69	Endorsed: blast pipe seating to be flat, bearing strip not required, ¼" liner to be used for existing cylinders bearing strip planed off 23.7.07: top of cylinders and valve strengthened 5.45	- .11.19	1919		J67 J68 J69	BP-L	494	
11411	Leading Splasher for Engines L50, S44 Class	3" to 1' elevations and plan of splasher Endorsed: for details see Dg No 11285	7.11.00	1900	S44	G4	PT-C	539	1
11428	Drivers Seat and Footrest for Engines L55 Class	3" to 1' elevations and plan of footrest and full size details of seat made from one piece of hard oak Endorsed: not required for D56; class M51 added, replacing L55 in title	- .2.03	1903	L55	D14	PT-C	511	3
11428 Att	Drivers Seat and Footrest for Engines M51 Class	3" to 1' elevations and plan of footrest and full size details of seat made from one piece of hard oak Endorsed: M51 9.5.01	- .5.01	1901	M51	D14	PT-C	511	4
11433	Four Wheels Coupled Bogie Express Engines Class M51, S46, D56-Piston Rod and Nut	Full size elevation of component Endorsed: tail rods not required 13.8.14; altered 20.10.25	23.1.01	1901	S46 D56	D14 D15	PT-C	589	2
11434	Four Wheels Coupled Bogie Express Engines Class M51, D56-Crank Axle	3" to 1' elevations of axle Endorsed: for future crank axles work to Dg No 25506 28.4.25	10.1.01	1901	M51 D56	D14 D15	PT-C	521	1
11436	Roof Bars for Engines Fitted with 4' 9" Boilers Class M51	3" to 1' elevations and plan of 4 types of bar Endorsed: altered 17.2.04	4.12.00	1900	M51	D14	PT-C	522	3
11447	Tool Box for Tenders T46 Class with LF	6" to 1' elevations, plan and section of tool box 2'4" long 1'10" wide	14.12.00	1900	T46	-	PT-C	531	2
11459 Ren	Engines Type D15 and D16-Driving Hornblock and Axlebox	6" to 1' elevations, sections and plan of components Endorsed: altered 13.6.55	11.11.37	1937	-	D15 D16	BP-L	599	2
11459 Att 1	Four Wheels Coupled Bogie Express Engines Class D56-Alteration to White Metal of Driving Axlebox	Full size half elevation and sectional elevation of white metal Endorsed: altered 25.4.25 and 6.45	- .4.15	1915	D56	D15	PL-C	599	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11459 Att 2	Engines Type D14-16 with 9½" D. Piston Valve-Driving Axlebox and Hornblock Lubrication Alterations and Axlebox Cover	6" to 1' elevations and sections showing alteration and plan of cover Endorsed: altered 6.45	10.9.35	1935	-	D14 D15 D16	BP-L	599	2
11459 Att 3	Method of Fitting Oiler Pads to Intermediate and Trailing Axlebox Keeps	6" to 1' sketches showing method of fitting	8.3.55	1955	-	B13/3 D16/3	P	599	1
11460	Four Wheels Coupled Bogie Express Engines Class M51, A56-Eccentric Sheaves	Full size elevations of sheaves Endorsed: see Dg No 16511 for eccentric sheaves for engine No 1830 and last 5 D67 engs. 23.10.04	- .1.01	1901	M51	D14	PT-C	581	3
11469 Ren	Four Wheels Coupled Bogie Express Engines Class D16-3-Eccentric Straps and Rods	Full size elevations and plan Endorsed: altered 26.11.27, 8.33 & 3.12.35	1.2.22	1922	-	D16/3	P	468	1
11482	Four Wheels Coupled Bogie Express Engines M51 Class-Arrangement of Cab and Splashers	1½" to 1" arrangement of cab and splashers Endorsed: altered 21.4.03, 20.9.20 & 14.9.21; for cab and splashers S46 class see Dg No 10487; for F53 class see Dg No 13950	- .1.02	1902	M51	D14	PT-C	468	4
11482 Att	Four Wheels Coupled Bogie Express Engines Class F53-Alterations to Cab, etc	1 ½" to 1' elevation and plan of cab Endorsed: altered 26.3.03; not required for D56	- .1.02	1902	F53	D14	PT-C	468	3
11482 Att	Four Wheels Coupled Bogie Express Engines Class F53-Arrangement of Cab Windows, etc	1½" to 1' elevation of cab front and part side elevation Endorsed: altered 21.2.02, 4.4.02 & 14.6.16; not required for D56	13.11.01	1901	F53	D14	PT-C	468	2
11482 Part	(Four Wheels Coupled Bogie Express Engines Class F53-Arrangement of Cab Front Window)	1½" to 1' arrangement of cab front window and ventilator Endorsed: not required for D56			F53	D14	PT-C	468	2
11486	Four Wheels Coupled Mixed Traffic Engines Class S50 (T26 Class)-Arrangement of Automatic Vacuum Brake	1 ½" to 1' details of vacuum brake gear shown on outline elevations and plan of engine	22.1.18	1918	S50	E4	PB-C	463	3
		3" to 1' elevations, plan and sections of sand box			S46	D14			1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11490	Leading Sand Box for Express Engines Classes S46, M51 & D56	Endorsed: S69 lids only; work to blue for S46 engines with Belpaire boilers (Dg No 13688) 3.2.15	18.9.06	1906	M51 D56 S69	 D15 B12	P	517	
11490 Att 1	Type B12 Engine with ACFI Feed Water Heater and Exhaust Steam Injector-	3" to 1' elevations of sand box	27.2.36	1936	-	B12	BP-L	517	1
11501	Distance Pieces for Boiler Mountings M51 Class	Full size elevations of 4 types of piece and 3" to 1' end elevation of boiler showing their position Endorsed: altered for L52 class; altered 17.3.02 and 26.10.09	- .2.01	1901	M51 L52	D14	PT-C	599	2
11504	Four Wheels Coupled Bogie Express Engines M51 (D56 Class)-Injector Gear Details	Full size details of numerous components Endorsed: altered 30.1.02, 9.4.02 and 2.9.25; endorsed various components not required for D56	- .2.01	1901	D56	D15	PT-C	573	4
11514	Four Wheels Bogie Express Engines-Ventilator Classes M51, L77, S69, B74 & E72	Full size elevation and plan of hit and miss ventilator	21.2.01	1901	M51	D14	PT-C	461	4
11517	Roof Bars for Engines T18 Class with 180 Lbs Boiler Pressure	3" to 1' elevations and sections of two types of roof bar Endorsed: roof bars not required for F56 and future boilers with firebox roof stays to Dg No 13581 2.10.03; note if possible 1 pattern to be used for these two bars as arranged with Mr Hill FVR	22.2.01	1901	T18	J66	PT-C	472	1
11519	Four Coupled Bogie Express Engines M51 Class- Steam Valve for Water Pick Up on	Full size details of valve Endorsed: altered 3.7.03 20.6.01	25.2.01	1901	M51	D14	PT-C	486	4
11519 Att	Alteration to Steam Valve Adapted for Air Water Pick Up Tenders for Engines T19 Class (Belpaire)	Full size elevation and plan of valve Endorsed: locking gear as used for 1880 to 1889 to be fitted to T19 Belpaire	25.6.03	1903	T19	-	PT-C	486	4
11525	Injector Steam Cock M51 Class	Full size elevations and sections of cock	18.5.08	1908	M15	F4	PT-C	497	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11537 Att	Four Wheels Coupled Express Engines T19 Class Fitted with Belpaire Boilers-New Steam Dome for Boilers	3" to 1' sectional elevations and plan of dome Endorsed: altered 15.11.05	27.10.05	1905	T19	D13	PB-C	516	3
11537 Att	Four Wheels Coupled Express Engines T19 Class Fitted with Belpaire Boilers-Alteration	1 ½" to 1' sectional elevation of boiler and plan of riveting detail	- .5.04	1904	T19	D13	PT-C	516	4
11537 Att	Alteration to T19 Belpaire Boiler to Suit F48 Class	1½" to 1' details My comment; drawing virtually disintegrated	- .9.01	1901	T19 F48	D13 J16	PT-C	516	4
11537 Att	Four Coupled Express Engines T19 Class- Steam Dome for Belpaire Boiler	3" to 1" details My comment; drawing virtually disintegrated	- .10.05	1905	T19	D13	PT-C	516	4
11537 Att	Alteration to T19 Belpaire to Suit G58	1 ½" to 1' details My comment; drawing virtually disintegrated	-9.01	1901	T19 G58	D13	PT-C	516	4
11548	Four Wheels Coupled Bogie Express Engines M51 (S46) , L52 (F48)-Arrangement of 4'9"Boiler with Continuous Wrapper Plate	1½" to 1' elevations, sections and plan of boiler with full size details of riveting Endorsed: applicable to Nos 1888-1889 and Nos 1170 to 1209, excluding No 1189; altered 28.1.08 My comment: parts of drawing are missing	18.4.01	1901	S46 F48	D14 J16	PT-C	589	4
11548 Att	Alteration to Back Plate, etc. of S46 Class Boilers for Engines with 7'0" Wheels Only	1½" to 1' elevations and sections of back plate	15.11.01	1901	S46	D14	PT-C	589	3
11549	Six Wheels Coupled Tank Engines Classes T18 and S56-Boiler Arrangement	1½" to 1' sections, elevations and plan of boiler with full size sections of riveting details Endorsed: numerous alterations including reference to Dg No13581 for additional details	- .3.01	1901	T18 S56	J66 J67	PT-C	511	4
11549 Att	Six Coupled Tank Engines Class T18-P55-Dome for High Pressure Boilers	3" to 1' sectional elevations and plan of dome Endorsed: altered 20.4.06	- .11.05	1905	T18 P55	J66 F4	PT-C	511	3
11549	Sketch Showing Alterations to Suit Back Plate for C72 Class Tank Engines	1½" to 1' outline elevation of backplate	21.5.12	1912	C72		PT-C	511	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Plate for C/2 Class Tank Engines	Endorsed: altered 12.3.14							
11560 Ren	Reversing Gear J17	1½" to 1' arrangement of gear with full size details of fittings	- .3.52	1952	-	J17	PL	478	1
11561	Engines Class 1211 and J18-Boiler Stays and Hangers	Full size details of 6 components and instructions on fitting	2.4.19	1919	G58	J17 J18	PL	589	1
11567 Ren	Reversing Screw Bracket and Wheel Class J17, J19/2, J20/1 & J20	3" to 1' elevations of wheel and 6" to 1' elevation of bracket Retraced 8.54	- .8.54	1954	-	J17 J19/2 J20 J20/1	P	466	2
11573	Earls Metallic Packing for Westinghouse Pump	Full size section and end elevation of packing shown on spindle Endorsed: altered 9.10.01 & 13.1.04	16.4.01	1901	-	-	PT-C	497	-
11576	Six Wheels Coupled Tank Engines T18 Class with 180 Lbs Boiler Press.-Foundation Ring, Expansion Bracket, Sling Stay, Longitudinal	Full size and 3" to 1' details of components Endorsed: numerous alterations	24.4.01	1901	T18	J66	PT-C	485	3
11579	Tender Tank to Supply 3,300 Gallons of Water A53 Class	1½" to 1' elevations, sections and plans of tank with ducting for water pick up gear Endorsed: for tender tank for 1500 class tenders see Dg No 22323 22.11.20; for tender tank D81 Class goods engines 26.5.22	20.4.01	1901	A53	-	PB-C	526	3
11579 Att	Arrangement of Water Gauge on Tenders Class A53	1½" to 1' part sectional elevation and plan showing position of gauge Endorsed: for arrangement of water gauge on tenders class 1500 see Dg No 22360 22.11.20	14.1.02	1902	A53	-	PB-C	526	2
11579 Att	Alteration to Front of Tenders Class T46 and Large 3,300 Galls Tenders	1 ½" to 1' outline elevations of tender front showing access to coal space	7.7.03	1903	A53	-	PT-C	526	1
11579 Att	Joint for Tender Tank Side Plate	3" to 1' elevation and section of joint	10.8.18	1918	-	-	PL-C	526	2
11582	Six Wheels Coupled Goods Engines Class L52, G58, A72, G75, D81, LM3780-Chimney Top	Full size half elevation and plan of chimney 2' 0" over rim Endorsed: chimney to Dg No 11253	19.6.01	1901	L52	J16	PT-C	503	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11583	Additional Water Tanks for Tenders T46 Class	1½" to 1' elevations and plan of rectangular tanks 2'1" wide by 2'2" deep, left and right Endorsed: altered 18.6.01	14.5.01	1901	T46	-	PT-C	527	2
11589 Ren	Arrangement of Reversing Gear Class T19 with 180 Lbs Boiler Pressure	1½" arrangement of gear on outline elevation and plan of engine and 3" to 1'	- .7.26	1926	T19	D13	PL-C	482	3
11590	T19 Boilers with Mica Lagging-Distance Pieces for Inside Lagging Bands	Full size details of turned steel pieces and section showing arrangement with sketch elevation showing position of pieces on lagging bands	7.5.01	1901	T19	-	PT-C	471	2
11596 Att	Six Wheels Coupled Goods Engines Class L52, S69, E72, D81-Sliding Roof for Cab	1½" to 1' elevations of cab roof with full size section at edge of roof with dimensions to suit named classes Endorsed: altered 25.9.01	- .7.01	1901	L52 S69 E72 D81	J16 B12 J18 J20	PT-C	498	3
11600	Cupboard for Engines T18 Class with 180 Lbs Boiler Press.	3" to 1' elevations and plan of cupboard made of No 14 SWG plate and full size details of hinges and fittings	11.5.01	1901	T18	J66	PT-C	542	1
11601	Tender Tank Class G53-Arrangement of Pipes for Liquid Fuel Water Pick Up, etc	1½" to 1' elevations and plan showing apparatus in relation to outline of tender tank Endorsed: altered for G53 and future tenders 23.12.01; other alterations to 6.10.06	10.5.01	1901	G53	-	PB-C	506	2
11612	Water Pick Up Tenders Class T46-Arrangement and Details of Scoops and Air Cylinder	3" to 1' arrangement of apparatus and 6" to 1' details of components Endorsed: altered 6.7.04	5.5.02	1902	T46	-	PB-C	548	4
11618	Four Wheels Coupled Bogie Express Engines S46 Class-Unbalanced Slide Valve	Full size elevation, section and plan of valve Endorsed: valve to be used only in conjunction with large valve buckles, work to Dg No 11644 for renewals 26.3.06; altered 6.3.03 and 12.11.03; not required for D56 see Dg No 11644	24.5.01	1909	S46	D14	PT-C	573	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11619	Six Wheels Coupled Goods Engines Class L52-Cab Front Windows	3" to 1' elevations and sections of windows and full size details of hinges Endorsed: not required for G58; altered 12.7.01	25.10.04	1904	L52	J16	PT-C	505	4
11621	Six Wheels Coupled Tank Engines Class T18 with 180 Lbs Pressure-Ashpan	3" to 1' elevations, section and plan of ashpan Endorsed: for details see Dg No 7140	20.6.01	1901	T18	J66	PT-C	506	2
11629	Metallic Packing for Valve spindles T18 and E10 with Old Cylinders	Full size elevations and plans of components My comment; drawing virtually disintegrated	- .6.01	1901	T18 E10	J66 -	PT-C	516	4
11630	Six Wheels Coupled Goods Engines Class L52, G58, S69, D72-Cab Side Windows	3" to 1' side elevation of windows and full size details of fittings Endorsed: for alteration to moveable cab side windows see Attachment; several alterations to 18.2.19	- .6.01	1901	L52 G58 S69 E72	J16 J17 B12 J18	PT-C	504	4
11630 Att	GE Express and Goods Engines-Alteration to Moveable Cab Side Window	6" to 1' elevations of teak framed window with squared tops	12.12.25	1925	-	J16-19 B12	PL-C	504	2
11640	Four Wheels Coupled Express Engines S46 Class-Metallic Packing for Piston Rods	Full size elevation and section of piston Endorsed: altered 31.8.13	- .6.01	1901	S46	D14	PT-C	583	4
11641	Lifting Brackets for Tank Engines Class C32	Full size elevations and plan of bracket, 4 to a set Endorsed: undated alteration for class P55	13.7.01	1901	C32	F3	PT-C	495	2
11644	Disintegrated								
11646	Valve Spindle Packing Engines Class E4 and F3	Full size section of valve spindle and details of bushes Endorsed: numerous alterations to 30.11.05	22.8.01	1901	-	E4 F3	PT-C	502	4
11647 Ren	Tramway Engines Class C53-Motion Arrangement	3" to 1' elevations and plan of motion Endorsed: altered 2.5.44	17.12.20	1920	C53	J70	PL-C	505	3
11648	Tramway Engines Class C53-Details of	Full size elevations and plan of components	1.1.21	1921	C53	J70	PL-C	464	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	Motion	Full size elevations and plan of components	- .1.21	1921	C53	J70	PL-C	404	
11649	Six Wheels Coupled Tram Engines C53 Class-Framing	1½" to 1' elevations and plan of frame with schedule of component drawings Endorsed: work to red for D85 27.8.20	- .11.20	1920	C53 D85	J70	BP-L	498	4
11649 Att	Six Wheels Coupled Tram Engines Class D85-Cover over Hole between Fender Plate and	3" to 1' elevation of cover	- .2.21	1921	D85	J70	PL-C	498	2
11650	Tramway Engines Class C53-Arrangement of Cab	1½" to 1' elevations and plan of timber superstructure and full size details of corners Endorsed: altered 9.9.08; for details of ironwork see Dg No 11657 My note: useful but much of end elevation missing	- .7.01	1901	C53	J70	PT-C	572	3
11651 Ren	Tramway Engines type J70-Cylinders	3" to 1' elevations, sections and plans of cylinders Endorsed: altered 21.9.43	- .2.42	1942	-	J70	BP-L	490	2
11651	Tramway Engines Class C53-Cylinders	3" to 1' elevations, sections and plans of cylinders Endorsed: numerous alterations to 26.4.35	19.4.02	1902	C53	J70	PT-C	490	4
11652 Ren	Six Wheels Coupled Tram Engines Class C53-Tanks and Coal Boxes	1½" to 1' elevations, plans and sections of components with 3" to 1' details of fittings	21.12.20	1920	C53	J70	PL-C	509	2
11653 Ren	Six Wheels Coupled Tram Engines Class D85 Type J70-Brake Arrangement	1½" to 1' elevations and plan of engine frame and boiler showing arrangement of	- .3.33	1933	D84	J70	BP-L	514	1
11654	(Untitled)	3" and 6" to 1' details of valve and seating	-	-	C53	J70	PT-C	582	2
11654	Six Coupled Tram Engines C53 & D85 Class-Brake Details	3" and 6" to 1' details of numerous components Endorsed: altered 17.11.14 and 17.7.33	- .5.03	1903	C53	J70	PT-C	582	4
11655 Ren	Six Wheels Coupled Tram Engines Class C53-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of 0-6-0 tram engine with outline of timber body	24.1.21	1921	C53	J70	PL-C	491	2
11656 Ren	Tramway Engines Class C53-Coupling Rod	Full size elevation and plan of rod at 3'4" centres Endorsed: altered 9.8.23 & 25.10.48	14.2.22	1922	C53	J70	PL-C	506	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11657	Six Coupled Tram Engines Class C53-Ironwork Details of Cab	6" to 1' and full size details of ironwork components Endorsed: altered 23.5.03 & 1.9.03	- .9.01	1901	C53	J70	PT-C	502	4
11658	Six Coupled Tram Engines C53 Class-Arrangement of Reversing Gear	3' to 1" elevations and plans of gear My comment: virtually disintegrated	- .4.03	1903	C53	J70	PT-C	506	4
11658 Att	Six Wheels Coupled Tram Engines Class C53-Alteration to Reversing Shaft Arm to Clear	3" to 1' elevation showing arm in relation to boiler	11.221	1921	C53	J70	PL-C	506	3
11659 Ren	Six Wheels Coupled Tram Engines Class C53-Smokebox and Auto-Governing Gear	3" to 1' elevations and plan of smokebox and gear	- .8.20	1920	C53	J70	PL-C	492	3
11659 Part	Six Wheels Coupled Tram Engines Class C53-Sketch of Coping for Smokebox	3" to 1' outline end elevation of smokebox	30.11.09	1909	C53	J70	PT-C	492	2
11663	Four Coupled Tram Engines M15 Class-Metallic Packing for Piston Rods & Valve Spindles	Full size sections and plans of rods and spindles with details of packing and bushes Endorsed: for valve spindle hemp packing see Dg No 6314 7.2.11; altered 14.8.03; for J70 tram engine see Dg No 12075	- .7.01	1901	M15	Y6	PT-C	505	4
11664	Alteration to Water Troughs, etc.	3" to 1' details of filling pipe, overflows and other components and full size section of inlet and half plan of grating for steel troughs	31.7.01	1901	-	-	PT-C	537	2
11667	Special Connecting Rod for Engines M51 Class	Full size elevations and plan of strap end of rod Endorsed: see Dg Nos 10493 and 11412 for alterations necessary on engine fitted with this connecting rod	30.10.01	1901	M51	D14	PB-C	504	2
11678	Large One Horse Van-Ironwork Details	3" to 1' details of 107 components Endorsed: corrected to date 4.3.07 (print made 24.5.32)	26.8.01	1901	-	-	BP-C	500	1
11678 Part	Ironwork Details Large One Horse Van	3" to 1' details of 11 additional components to those shown on Dg No 11678 Endorsed: altered 1.10.12	4.3.07	1907	-	-	BP-L	500	1
11679	Tramway Engines Class C53-Roof Bar	Full size elevation and section of bar Endorsed: altered 6.11.02	27.8.01	1901	C53	J70	PT-C	463	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
11681	Tramway Engine Class C53-Slide Valve	Full size elevations and plan of slide	23.11.16	1916	C63	J70	PL	537	2
11682	Six Wheels Coupled Goods Engines Class Y14-Tubeplates for Boilers with 1¼" tubes	3" to 1' elevation of both tube plates to accommodate 215 tubes	4.9.01	1901	Y14	J15	PT-C	572	2
11684	Six Wheels Coupled Tramway Engines Class C53-J70 Piston Rod, Valve Spindle and Guide	Full size elevations and plans of components Endorsed: altered 1.36, 10.9.40 and 11.5.48	19.1.18	1918	C53	J70	PL	531	1
11692	New Injector Gear for Engines No 1 Class	1½" to 1' arrangement of gear shown on outline elevations and half plan of engine Endorsed: altered 18.7.02 and 27.9.04	- .9.01	1901	No 1	-	PT-C	528	4
11696	Tool Cupboards for Engines Fitted with 265 and Mogul Class Tenders	1½" to 1' elevations and plan of cupboard fitted on tender	30.9.01	1901	265	-	PT-C	506	1
12175 Ren	Details of Drawgear Between Engine and Tender-Engine Types B12, J19, J20	Full size elevations and plan of coupling and safety links and pins and 3" to 1' arrangement for B12 Endorsed: altered 16.4.53	12.7.48	1948	-	B12 J19 J20	BP-L	472	1
12479	Bogie Six Coupled Belpaire Superheater Express Engines Class S69-Non-Return Valve	Full size details of valve My comment: half of plan lacking	- .10.11	1911	S69	B12	PT-C	528	4
12705 Ren	Tramway Engines Type J70-Metallic Packing for Piston Rods and Valve Spindles	Full size sections and elevations of packing and gun metal components Endorsed: for Y6 tram engines see Dg No 11663	5.3.36	1936	-	J70	PL	524	3
12713	Running Department Stratford 5 Ton Steam and Hand Crane-Arrangement of Jib	1½" to 1' details of jib Endorsed: numerous alterations including S59class 30.10.05	21.10.01	1901	-	-	PT-C	502	4
12714 Att	Four Wheels Coupled Radial Tank Engines Class G69-Safety Valve	6" to 1' and full size safety valve, mounting and arm My comment: large part of drawing missing	12.1.11	1911	G69	F6	PT-C	511	4
12714 Att	Safety Valve Lever Four Wheels Coupled Shunting Engine B74 Class	Full size elevation and plan of lever Endorsed: altered for B77 class 17.7.14	22.5.13	1913	B74 B77	Y4	PT-C	511	4
12714		6" to 1' elevation and plan of lever							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Safety Valve Lever for T19 Class Engines Fitted with Belpaire Firebox	Endorsed: work to blue for G69 with 180 Lbs Pressure 12.1.11; S56 and future engines with boilers to Dg No 13581 13.11.03; further endorsements for classes E72, LM3780, G58 and D56	- .3.02	1902	T19	-	PT-C	511	
12714	Six Wheels Coupled Goods Engines Class P52 with Belpaire Firebox-Safety Valve	Full size section and elevation of safety valve Endorsed: altered 11.5.11, 20.7.12 and 5.22 My comment: large part of drawing missing	- .10.01	1901	P52	J16	PT-C	511	4
12717	Six Wheels Coupled Goods Engines P52 and G58 Class with Belpaire Firebox-Cab Front Windows	3" to 1' elevation showing position of windows in cab and plan and full size details of hinges Endorsed: altered for B74 2.5.13; altered 8.38	30.10.01	1901	P52 G58	J16 J17	PT-C	513	4
12718	Six Coupled Goods Engines F48 Class- Foundation Ring for Belpaire Firebox	3" to 1' plan and elevation of ring and full size details of corner riveting Endorsed: altered 30.10.01	22.10.01	1901	F48	J16	PT-C	516	4
12723	Six Wheels Coupled Goods Engines with Belpaire Firebox-Injector Steam Cock P52 Class D56	Full size elevations and section of cock Altered 31.12.01 and 3.07 for additional classes; see Dg No 21923 for 1 ½" injector steam cock 11.2.09 for S56 class	27.10.01	1901	P52 D56	J16 D15	PT-C	515	3
12726 Ren	Ashpan Arrangement Class J17	¼" to 1' elevations and plan of ashpan and full size sections showing riveting My comment: original drawing dated 1.11.01	20.6.56	1956	-	J17	P	520	1
12730	Six Wheels Coupled Goods Engine Class P52 with Belpaire Firebox and B74-Safety Valve Casing	Full size sectional elevation and plan of casing Endorsed: beading around top to be made of cast iron 3.9.21; altered to brass 11.2.22	- .11.01	1901	P52 B74	J16 Y4	PT-C	520	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12731	Six Wheels Coupled Goods Engines Class P52, G68, F48 with Belpaire Firebox-Clothing Arrangement Details	1½" to 1' side and end elevation of engine with 6" to 1' and full size details of components Endorsed: numerous alterations My comment: part of end elevation and title missing	12.11.01	1901	F48 P52 G68	J16 J17	PT-C	511	4
12731 Att	Rod, Pipe and Clothing Details for D56	Full size details of 4 components including cladding sheet bands Endorsed: not required see Attachment; cancelled see Dg No 16554 10.12.03	20.10.03	1903	D56	D15	PT-C	511	2
12731 Att	Work to this for Future Engines	Full size sectional view of cladding plate connector for D56 class Endorsed: cancelled see Dg No 16554 9.7.09	10.12.03	1903	D56	D15	PT-C	511	2
12733 Ren	Four Wheels Coupled Bogie Express Engines Class F53, D56 and Six Coupled Express Engines S69-Reversing Cylinder, Piston and	Full size sectional elevation and plan with detailed sections of assembly	3.5.15	1915	F53 D56 S69	D15 B12	PL-C	534	3
12736 Ren	Four Wheels Coupled Bogie Express Engines Class D56-Reversing Shaft	3" to 1' elevations of assembly and full size details of individual components	18.6.26	1926	D56	D15	PL-C	533	2
12742 Ren	Four Wheels Coupled Bogie Express Engines Class D15-Reservoir Footplate	3" to 1' elevations, sections and plan of footplate	26.8.38	1938	-	D15	PL-C	607	2
12746 Ren	Four Wheels Coupled Bogie Express Engines Class F53, S69-Air Valve for Reversing Gear	Full size elevations and sections and plan of valve	13.4.33	1933	F53 S69		PL-C	518	1
12756	Alteration to Hand Rail Columns for Engines No 1890 to 1900	1½" to 1' elevations and plan showing arrangement and position and full size detail of column top Endorsed: one engine only to altered to this No 1899	26.12.01	1901	S46	D14	PT-C	533	1
12760	Four Wheels Coupled Bogie Express Engines Class F53-Arrangement of Air Reversing Gear	1½" to 1' arrangement of gear shown on outline side elevation and half plan of engine Endorsed: work to red for D56 20.8.03	- .12.01	1901	F53 D56	D14 D15	PB-C	517	4
12761	Four Wheels Coupled Express Bogie Engines Class M51-Safety Valve Arrangement	Full size elevations and sections of safety valve Endorsed: altered 5.22	- .12.01	1901	M51	D14	PT-C	502	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12767	Standard Tyre Sections	Full size sections of 5 tyres Endorsed: altered 7.4.08	- .2.03	1903	-	-	PB-C	491	1
12770	Four Wheels Coupled Bogie Express Engines Class F53-Reversing Gear Details	3" to 1' elevations and plans of numerous components Endorsed: undated alteration for class L55; for arrangement of reversing gear see Dg No 12760; altered 19.2.08	10.10.07	1907	F53	D14	PB-C	524	3
12772	Brackets and Cock for Steam Sanding Gear T19 Class with Vacuum Brake	Full size elevations and plan of components and 1 ½" to 1' arrangement	14.1.02	1902	T19	D13	PT-C	533	3
12777	Six Wheels Coupled Coal Engines G58 and E72 Classes, Four Wheels Coupled Express Engines D56 and T19 Belpaire Class, L77 Class-Safety Valve	Full size section, elevation and plan of safety valve and 3" to 1' elevation of lever Endorsed: see Dg No 12714 Att for lever for T19 Belpaire; altered 4.1.15 and 5.22 My comment: this drawing is torn in half	3.3.14	1914	G58 E72 D56 T19 L77	J17 J18 D15 D13 N7	PT-C	589	4
12779	Drummond's Patent Fuel Economiser and Spark Preventer Adapted for Four Wheels Coupled Express Engines T19 Class	3" to 1' section side and end elevations showing equipment in smokebox and full size details of alteration to smokebox door handle	16.1.02	1902	T19	-	PT-C	509	3
12781	Whistle Seating for Engines with Safety Valve to Dg No 12761 Y65 Class	Full size details of seating Endorsed: dimensions added for additional classes of classes; see Dg No 5935 6.53	- .1.02	1902	Y65	F7	PT	521	3
12782	Proposed Pop Safety Valve for Boilers to Dg Nos 10907 and 11548	Full size elevations, sections and plan of pop valve and 3" to 1' outline elevation and plan of casing	- .1.02	1902	-	-	PT-C	603	1
12788	Safety Valve Casing for Engines F53 Class with Safety Valve to Dg No 12761	Full size elevations of casing Endorsed: Y65 class to blue with safety valve to Dg No 16661 30.4.09; altered 5.8.21 & 11.2.22	- .1.02	1902	F53	D14	PT-C	493	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12790	Ashpan for Engine No 935 Fitted with N31 Cylinders	3" to 1' elevations and half plan of ashpan shown in relation to bottom of firebox	21.2.02	1902	N31	J14	PT-C	537	1
12791 Ren	Casing for Safety Valves Dg No 17262-S69, D81, Dg No 21986, S56, G69, G75 and Dg 12777 D56, G58, E72 L77, K85, T19	Full size elevation, section and plan of casing and 3 to 1' plan of base Endorsed: top beading to be of cast iron for all classes 31.8.21; altered to brass 11.2.22	8.7.6.21	1921	S69 D81	B12 J20	PL-C	525	2
12794	Four Coupled Express Engines T19 Class with Belpaire Firebox-Alterations to Framing	1½" to 1' elevation and plan of framing Endorsed: altered 17.9.03	- .2.02	1902	T19	D13	PT-C	534	4
12794 Part	Alteration to Trailing End of Framing Engines T19 Class with Belpaire Firebox	1½" to 1' elevation of frame	1.2.02	1902	T19	D13	PT-C	534	2
12833	Reversing Shaft Bracket for Engines T19 Class with Belpaire Firebox	Full size elevations and plan of bracket Endorsed: for engines with G16 bogie see Dg No 14179 3.3.05	20.3.02	1902	T19	D13	PT-C	549	4
12836	Chimneys for All Classes	3" to 1' sectional elevations and plans of two chimney types with schedule of dimensions for various engine classes Endorsed: cancelled see new Dg No 181961 29.10.13	1.11.07	1907	-	-	PC	533	1
12837 Ren	Four Wheels Coupled Engines Class T19 (Type D13) Fitted with Belpaire Fire Box-Cab Splashers	1½" to 1'elevations and plan of cab and splashers Endorsed: altered 5.30 & 4.34 Drawing renewed 29.5.30	15.11.21	1921	T19	D13	PL	469	2
12839	Rod, Pipe and Clothing Arrangement for T19 Class Engines with Belpaire Boilers	1½" to 1' elevations and half plan of engine	5.6.08	1908	T19	D13	PC	536	2
12840	Reversing Rod for Engines T19 Class with Belpaire Firebox	1½" to 1' arrangement of reversing rod and wheel and full size details of rod Endorsed: numerous alterations to 9.3.05	20.3.02	1902	T19	D13	PT-C	515	4
12841	Reversing Screw Bracket T19 Class with Belpaire Firebox	Full size elevations and plan of bracket	20.3.02	1902	T19	D13	PT-C	522	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Belpaire Firebox	Endorsed: altered 7.2.06							
12842	Four Wheels Coupled Express Belpaire Engines Class T19-Rod, Pipe and Clothing Details	3" to 1' and full size details of numerous components Endorsed: altered 7.1.04, 14.11.05, 24.3.08 and 4.34	24.3.02	1902	T19	-	PT-C	606	4
12844	Footboard for Engines T19 Class with Belpaire Boiler	1½" to 1' sectional elevations and plan of footboard and 3" to 1' and full size details of components Endorsed: various alteration to 24.1.42	- .3.02	1902	T19	D13	PT-C	530	4
12844 Att	Alteration to Footboard for T19 Belpaire with G16 Bogies	1½" to 1' sectional elevation and plan of part of footboard	14.3.05	1905	T19	D13	PT-C	530	1
12845	Four Coupled Bogie Express Engines- Belpaire Engines T19 Class-Position in Cab of Air Valve for Operating Air Cylinder of Water Scoop	1½" to 1' elevations and plan of apparatus in cab Endorsed: numerous alteration to 5.4.07	- .7.03	1903	T19	D13	PT-C	582	4
12845 Att	Alteration of Position of Drivers Calve Bracket for Engines Class T19 Belpaire with	1½" to 1' outline of backplate showing position of bracket	15.7.13	1913	T19	D13	PT-C	582	1
12845 Att	Alteration to Train Pipe for Engines Class T19 Belpaire with G16 Bogie	1½" to 1' outline elevation and plan showing pipe run at front of engine	20.5.04	1904	T19	D13	PT-C	584	2
12846	Four Wheels Coupled Express Engines T19 Belpaire-Arrangement of Smoke Box	3" to 1' sections and elevations of firebox Endorsed: for T19 Belpaire fitted with G16 Bogie see Dg No 13793 17.11.05; altered 15.11.05	- .4.02	1902	T19	D13	PT-C	577	4
12847 Ren	Ashpan for Engines Classes T19 Belpaire, S46 (Double Riveted Foundation Ring), D56 (D15 & D16), E72 see also Dg No 18237	3" to 1' elevations, sections and plan of ashpan Endorsed: altered 1.34 and 12.35	- .3.13	1913	T19 S46 D56 E72	D13 D14 D15 J18	PL	519	2
12848	Ashpan Details	Full size elevations and plans of several components					PT-C	519	4
12848		Full size elevations and plans of castings							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Castings for Corners of Ashpan to Suit Belpaire boilers with Double Corner Firebox	Endorsed: work to blue for T19 Belpaire with G16 Bogie 13.5.04; title extended by D56, T19, S46, with double riveted foundation ring corners 24.5.07; see Dg No 22840 for D56 class detail only; see Dg No 23980 for H88 class	- .10.03	1903	-	-	PT-C	519	
12848 Att 2	Ashpan Details Engines Class D56	Full size details of 2 components and 3" to 1' elevation and plan of assembly Endorsed: title extended S46 with double riveted foundation ring corners 24.5.07; for D56 class details only see Dg No 22840 7.5.20; see dg No 23980 for H88 class details	12.11.03	1903	D56	D15	PT-C	519	3
12854 Ren	Four Wheels Coupled Express Engines Classes T19, D56 and Coal Engines Classes G58, E72 Fitted with Belpaire Boiler- Dome Casing	Full size half sectional elevation showing fixing	9.1.22	1922	T19 D56 G58 E72	D13 B12 J17 J18	Pl-c	485	2
12854 -1	Six Wheels Coupled Bogie Express Engines 1500 Class and D81 Class Super Coal	Full size half sectional elevation showing fixing	9.1.22	1922	D56 D81	B12 J20	PL-C	485	2
12858	Mica Clothing for Cylinders Class F53	3" to 1' sections and elevation showing clothing	20.2.02	1902	F53	D14	PT-C	526	2
12864	Four Coupled Express Engines T19 Class Fitted with Belpaire Firebox-Blast Pipe	3" to 1' sectional elevations and plan of blast pipe Altered 1.7.07	26.2.02	1902	T19	-	PT-C	517	4
12867	Foundation Ring and Corner Rivets for Colne Valley Railway	3" to 1' plan and elevation of foundation ring and full size details of riveting My comment: part of drawing missing	27.2.02	1902	-	-	PT-C	511	4
12884	Drummonds Patent Fuel Economiser and Spark Preventer- Four Wheels Coupled Express Engines T19 Class	3" to 1' sectional side and end elevations of smokebox showing economiser and plan of casting to fit blast pipe Endorsed: altered 3.4.02	14.3.02	1902	T19	-	PT-C	497	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
12911	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox-Frame and Boiler Stay	3" to 1' elevation and plan of stay and full size section showing method of fixing Endorsed: boiler to Dg No 11537	4.4.02	1902	T19	-	PT-C	598	3
12919 Ren	Four Wheels Coupled Express Engines Class T19 and Six Wheels Coupled Coal Engines E72 Fitted with Belpaire Firebox-Cab Front Windows	3" to 1' elevations and section of windows and full size details of components Endorsed: altered 15.6.38	- .4.17	1917	T19 E72	D13 J18	PL-C	539	3
12921	Blow Off Cock for Engines T19 Class (Nos 760 to 768) when Fitted with New Boilers	Full size sections and plan of cock	22.4.02	1902	T19	-	PT-C	495	
12930	Vertical Boiler LM3187	3" to 1' elevation and sectional elevation of boiler Endorsed: altered 1.10.08; for other details see Dg No 9383 My comment: much of sectional elevation lacking	30.4.02	1902	-	-	PT-C	530	4
12948	Underframe for Travelling Gas Reservoir LM3182, 3697, 6140	1" to 1' general arrangement of 26' underframe, 14' wheelbase Endorsed: work to red for LM 6140 and future classes 5.9.12; buffer guide E1 to Dg No 20701 for renewals 2.11.17	14 .8.02	1902	LM3182 LM3697 LM6140	63W	PB-C	468	2
12949	Travelling Gas Reservoir-Underframe Details LM3182	3" to 1' details of numerous components	18.8.02	1902	LM3182	63W	PB-C	473	2
13003	Mud Hole Door-Ten Wheels Coupled Tank Engine Class A55 LM3780, D81, S69	Full size elevations and plan of door Endorsed: altered 27.3.18	-	1902	A55 LM3780 S69 D81	- - B12 J20	P-C	487	2
13028	Ten Wheels Coupled Tank Engine Class A55-Rod, Pipe and Clothing Arrangement	1" to 1' elevations and plan of engine showing arrangement	3.12.02	1902	A55	-	PB-C	590	2
13033	Ten Wheels Coupled Tank Engine Class A55-Regulator Stuffing Box Details	Full size elevations, sections and plan of components	26.11.02	1902	A55	-	PT-C	514	1
	Locking Arrangement for Water Pick Up Air	Full size elevation and plan							3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13052	Locking Arrangement for Water Pick-Up Air Valve	Endorsed: several alterations to suit various classes	17.8.03	1903	-	-	PT-C	502	
13058	Four Coupled Bogie Express engines F53 (\$46 Class)-Locking Arrangement for Water Pick Up Air Valve on Tenders	Full size elevations and plan of arrangement	13.6.02	1902	F53	D14	PT-C	485	4
13058 Att	Alteration to Locking Arrangement for Water Pick Up	Full size elevation of 2 components	26.10.29	1929	-	-	PL	485	2
13065	Bearing Spring for Travelling Gas Holders and Low Floored Milk Van	Full size half elevation and plan and section of 5 plate spring 4' 0 ¼" unloaded	- .7.02	1902	-	-	P	527	1
13067	Arrangement of Steam Brake and Details Engines Nos 226 and 227	1½" to 1' arrangement shown on part elevation and plan of frame and 3" to 1' and full size details of components Endorsed: altered 22.2.22; for other details see Dg No 10046	18.7.02	1902	209	Y5	PT-C	528	4
13067 Att	Four Wheels Coupled Shunting Engines 209 Class-Brakework Adjustment	Full size elevations and plan of two components	9.3.04	1904	209	Y5	PT-C	528	2
13097	Travelling Gas Reservoir-Filling Valve Casing	Full size elevations, sections and plan of sheet metal casing Endorsed: work to red for LM 6140 and future classes 14.5.12	- .10.09	1909	-	63W	PT-C	574	3
13097 Att	Travelling Gas Reservoir-Alteration to Hinge of Flap for Filling Valve Casing	Full size elevations of complete casing showing revised hinge	- .10.09	1909	-	63W	PT-C	574	3
13109	Arrangement of Underground Tanks Liquid Fuel Storage	1" to 8' elevation and plan of installation including underground tanks, elevated tanks in 2 groups of 3, workshop and filling column at Stratford Endorsed: altered 2.04 Supplementary Dg No LF401	15.9.02	1902	-	-	PB-C	510	2
13115 Ren	Metallic Packing for Valve Spindles-Engine Class J65	Full size sections and elevation valve spindle and packing with details of 4 components	2.10.47	1947	-	J65	BP-L	483	1
13115 Ren	Metallic Packing for Valve Spindles-Engines Class J65	Full size section and elevation of spindle and details of components	2.10.47	1947	-	J65	P		3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13116	Six Wheels Coupled Tank Engines Class E22-Metallic Packing for Piston Rods-Sketch from Dg No 13116	Full size section and elevation of spindle and details of packing	-	-	E22	J65	P	593	3
13116	Six Coupled Tank Engines E22 Class-Metallic Packing for Piston Rods	Full size elevation and plan of piston rods and packing Endorsed: numerous alteration to 6.12	17.10.02	1902	E22	J66	PT-C	500	4
13117	Trailing Sand Boxes for Crane Engines	1½" to 1' elevations and plan of arrangement at trailing end of engine and 3" and 6" to 1' details of components	- .10.02	1902	-	J92	PT-C	475	3
13128	Four Wheels Coupled Shunting Engines Class G40-Alteration to Motion Plate and	Full size elevations of components Endorsed: altered 14.3.03 & 25.7.39	28.10.02	1902	G40	Y5	PT-C	508	3
13132	12 Tons Accident Crane H55-Bearing Springs	3" to 1' elevations and plan of a 7 plate spring 3'0" centres and a 9 plate spring 3' 0" centres	-11.02	1902	-	-	PT-C	521	3
13146	Tramway Engines Class C53-Boiler	1½" to 1' elevations, sections and plans of boiler and 6" to 1' details of riveting Endorsed: altered 15.1.24	- .8.20	1920	C53	J70	PL-C	481	4
13151	Six Wheels Coupled Tank Engines C37 Class-Alteration to Tanks	3" to 1' elevations and plan of tank and full size details of corner plate Endorsed: altered 21.12.03 My note: shows tank widening of 4", increased to 5" in 12.03	3.12.02	1902	C37	J67	PT-C	465	3
13162	Tram Engine Class C53-Crank Pins	Full size elevations and plan Endorsed: altered 17.10.03 & 16.7.08	2.12.02	1902	C53	J70	PT-C	465	4
13169	Liquid Fuel Nozzle	Full size sections of nozzle and component parts	29.12.02	1902	-	-	PB-C	523	2
13171	Tram Engine-Foundation Ring and Sling Stay Class C53	1½" to 1' plan of foundation ring and full size details of stays and riveted corners Endorsed: altered 17.8.03 and 29.8.03	19.12.02	1902	C53	J70	PL-C	585	3
13256	Six Wheels Coupled Tram Engines C53 Class-Condensing Gear Details	Full size details of components My note: drawing in appalling condition	- .7.03	1903	C53	J70	PT-C	481	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13256 Att	Six Wheels Coupled Tram Engines C53 Class- Bracket for Blower (?)	Full size details of bracket for blower My note: drawing in appalling condition	-	-	C53	J70	PT-C	481	2
13401	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Boiler Saddle and Frame Stay	3" to 1' elevation, section and plan of saddle and stay Copied from Neilson drawing	26.1.03	1903	209	Y5	PB	515	1
13402	Four Wheels Coupled Shunting Engines Classes 209, G49, R55-Exhaust pipe Bottom Part	Full size sections of lower part of pipe and 3" to 1' plan Copied from Neilson drawing	26.1.03	1903	209	Y5	PB	516	1
13403	Four Wheels Coupled Shunting Engines Class 209, G40, R55-Hind Cylinder Gland R&L	Full size elevation, section and plan of cover Endorsed: for metallic packing see Dg No 13704 9.10.08	26.1.03	1903	209	Y5	PB	584	1
13404	Four Wheels Coupled Shunting Engines Class 209, G40, R55-Cylinders Cross Section	Full size cross section of cylinder and 3" to 1' section of steam chest Copied from Neilson drawing	- .1.03	1903	209	Y5	PB-C	515	1
13405	Four Wheels Coupled Shunting Engines Classes 209, G49, R55-Cylinder Valve Face	Full size plan of valve face Copied from Neilson & Co plan	- .1.03	1903	209 G40 R55	Y5	PB	525	1
13406	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Cylinder Plan	Full size plan of cylinder Copy of Neilson & Co plan	26.1.03	1903	209 G40 R55	Y5	PB-C	535	1
13407	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Piston, Piston Rod and Valve Spindle	Full size elevations, section and plan of components Endorsed; valve spindle altered 12.10.08; for piston and rod see Dg No 11445 for engines 228 & 229; piston only for 209, G40, R55; and Dg No 10248 for 209, G40, R55 rod only 12.10.06 Traced from a Neilson drawing	26.1.03	1903	209 G40 R55	Y5	PB	504	3
13408	Four Wheels Coupled Shunting Engines Classes 209, G40, R55-Longitudinal Section of Cylinder	Full size section Endorsed: for metallic packing see Dg No 13704 9.10.08 Traced from a Neilson drawing	26.1.03	1903	209 G40 R55	Y5	PB-C	504	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13431	Alteration to Brakework Tenders Class H14 and Y17	1 ½" to 1' side and end elevation of under part of tender showing arrangement and 3" to 1' details of components Endorsed: crosshead for brake cylinder added 14.5.06; for alterations and additions see Dg No 16196 5.10.07	24.3.03	1903	H14 Y17	-	PB-C	512	2
13437 Ren	Four Wheels Coupled Tank Engines Class P55 (Type F4)-Spring Gear Details	Full size elevations and plan of numerous components	- .5.29	1929	P55	F4	P	544	2
13438	Four Coupled Tank Engines Class P55, Types F4, 5 and 6-Arrangement of Spring Gear	3" to 1' elevations and plans showing arrangement of gear on all four pairs of wheels Endorsed: see Dg No 13437 for spring details	4.4.03	1903	P55	F4 F5 F6	PT-C	605	2
13440	Four Wheels Coupled Tank Engines Class P55-Boiler	1½" to 1' elevations, sections and plan with full size riveting details Endorsed: for boiler with steel firebox see Dg No 16083 9.12.07; numerous alterations to 14.1.24	- .3.03	1903	P55	F5	PB-C	491	4
13447	Steam Cock for T19 Belpaire Boiler	Full size elevations of cock Endorsed: altered 5.5.03	- .3.03	1903	T19	D13	PT-C	518	4
13451 Ren	Four Wheels Coupled Tank Engines P55-F4 Class-Smokebox	3" to 1' sectional elevations of smokebox and outline of cylinders Endorsed: for arrangement of Westinghouse and Vacuum exhaust pipes see Attachment Dg No 13451 9.50	- .4.03	1903	P55	F4	PL	513	1
13451 Att	Arrangement of Westinghouse and Vacuum Exhaust Pipes Classes F4, F5, F6	3" to 1' sectional side and end elevations showing arrangement of pipes within smokebox and 6" to 1' details of clips Endorsed: for dimensions of smokebox see Dg No 13451 My comment: drawn by John Gardner	- .9.50	1950	-	F4 F5 F6	PL	513	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13459	Four Wheels Coupled Bogie Express Engines D56 Class-Locking Arrangement for Reversing Gear	Full size elevations and plan of reversing gear This drawing superseded by Dg No 13970 18.11.04	16.4.03	1903	D56	D15	PT-C	481	3
13460 Ren	Four Wheels Coupled Bogie Express Engines Class L55, D56 Six Wheels Coupled Express	Full size elevations and plans of numerous components	3.5.15	1915	C53	J70	PL-C	531	3
13467	Four Wheels Coupled Bogie Express engines Class D56-Steam Valve, Cock and Bracket for Steam Sanding Gear	Full size elevations, section and plan of components Endorsed: altered 14.3.04	19.1.04	1904	D56	D15	P-C	486	3
13468	Engines Type F4 (Class P55), F5 and F6-Blast Pipe	6" to 1' sections and plan of blast pipe Endorsed: undated alteration to shorten blast pipe for renewals	14.5.33	1933	-	F4 F5 F6	BP-L	529	1
13476	Four Wheels Coupled Tank Engines Class P55-Framing (F4, F5 & F6)	1½" to 1' elevation and plan of framing showing spring arrangement and other details	- .4.03	1903	P55	F4-6	BP-L	490	1
13476	Four Wheels Coupled Tank Engines Class P55-Frame	1½" to 1' elevations and plan of frame, over length 31'9" Endorsed: altered for G69 23.12.10; altered 26.8.05 My comment:: badly damaged and parts missing	- .4.03	1903	P55	F4 F5	PB-C	595	4
13479	Six Wheels Coupled Tram Engines Class C53-Smokebox Castings	6" to 1' elevations, sections and plan of 3 castings	- .5.03	1903	C53	J70	PT-C	523	4
13482	Tramway Engines Class C53-Slidebars	Full size elevation and plans of bars and includes standard siphon oil cup Endorsed: altered 9.10.34 24.7.39 25.8.03	- .4.03	1903	C53	J70	PT-C	511	4
13489	Six Coupled Tram Engines C53 Class-Longitudinal Stays	3" to 1' elevations of stays and full size details	- .4.03	1903	C53	J70	PT-C	535	4
13500	Six Coupled Tram Engines C53 Class-Feed Pump and Eccentric Arrangement	Full size sections of components Endorsed: altered 26.8.03	- .5.03	1903	C53	J70	PT-C	584	4
		Full size elevation and sections of slide valve							1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13502	Experimental New Slide Valve for Express Engines S44 Class	Endorsed: one pair only required for experimental purposes 26.5.03; work to blue figures for experimental valves on engines Nos 1860 & 1862	16.5.03	1903	S44	G4	PT-C	501	
13505	Six Wheels Coupled Goods Engines Class Y14-Arrangement of Alex. Spencer's Relief and Drain Valve	1½" to 1' arrangement of equipment shown on outline elevations and plan of engine with 3" to 1' and full size details of bracket and elbow	10.7.03	1903	Y14	J15	PT-C	512	3
13518	Details of Brakework for 20 Tons Goods Brake Class H56	3" to 1' elevations and plans of numerous components Endorsed: several alterations for successive classes of brake van	- .9.03	1903	H56	49W	PB-C	482	4
13521	Buffing Springs	Full size half elevation and plan with section of 10 plate spring 3' centres unloaded for 20 tons goods brake My note: a stores ordering drawing	24.10.47	1947	-	-	P	490	1
13522	Dome Casing for Tram Engine C53	6" to 1' elevations and part plan of casing made from 14 IWG charcoal iron	25.6.03	1903	C53	J70	PT-C	495	3
13523 Ren	Engines Type J70-Firehole Door	6" to 1' elevation and section and 3" to 1' elevation of surround only	- .3.46	1946	-	J70	BP-L	522	1
13524 Ren	Six Wheels Coupled Tram Engines Class C53-J70 Type-Details of Cylinder Cock Gear	6" to 1' and full size details of components	- .3.33	1933	C53	J70	BP-L	501	1
13527 Ren	Sand Boxes and Details Class J70 Engines	3" to 1' elevations, sections and plan of sand boxes and full size details Endorsed: altered 18.10.30	15.10.30	1930	-	J70	PL-C	476	2
13528 Ren	Six Wheels Coupled Tram Engines Class C53-Rod, Pipe and Clothing Details	6" to 1' and full size details of numerous components Endorsed: altered for class C53 only	- .8.22	1922	C53	J70	PL-C	483	2
13529	Six Wheels Coupled Tram Engines Class C53-General Arrangement	1½" to 1' elevations, sections and plan of tram engine	10.9.03	1903	C53	J70	PB-C	534	2
13530 Ren	Water Pick Up Tenders Class T19-Arrangement and Details of Scoop and Air	3" to 1' arrangement of components and 6" to 1' of fittings	8.9.08	1908	T19	D13	P-C	508	4
13532	Arrangement of Lagging for Cylinders Six Wheels Coupled Tram Engines Class C53	3" to 1' elevations and plan of cylinders lagged with mica	10.7.03	1903	C53	J70	PT-C	506	3
13533	Six Wheels Coupled Tramway Engines Class	6" to 1' and full size details of numerous	17.2.22	1922	C53	J70	BP-L	499	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	C53 Type J70-Details of Automatic	components	17.5.33	1933	C53	J70	BP-L	499	
13533 Att	Details of Governing Gear C53 Type J70	6" to 1' additional details of components to supplement Dg No 13533	- .3.33	1933	C53	J70	BP-L	499	1
13536	Details of Door Balancing Gear 20 Tons Coal Wagon-G56 Class	Full size details of 10 components	19.6.03	1903	G56	46W	PB-C	518	4
13537	Arrangement of Water Gauge Tank Engines Classes M15, O18, P55	1½" to 1' arrangement shown on outline elevations and half plan of cab and bunker Endorsed: full size detail of flange added 16.8.04; altered 1.3.04 and 17.7.06	16.6.03	1903	M15 O18 P55	F4 F5	PB	517	2
13537 Att	Alteration to Water Gauge on Tank Engines Class P55	1½" to 1' part outline of cab showing position of water gauge Endorsed: one engine No 182 to be fitted for trial: this endorsement erased	- .5.16	1916	P55	F4	PL	517	1
13543	Standard Engine and Tender Coupling	Full size elevations of screw coupling Endorsed: altered 6.1.04; altered 27.2.14 for S69 class	26.8.03	1903	-	-	P-C	493	4
13543 -1	35 Tons Steam Breakdown Crane-Screw Coupling	Full size elevation and plan of coupling	14.3.19	1919	-	-	PL-C	495	4
13548 Ren	D14-16 Trailing and B12 Intermediate Axlebox and D14-16 Hornblock	6" to 1' elevations, sections and plan of components Endorsed: altered 10.3.41 and 19.6.48	6.3.36	1936	-	B12 D14 D15 D16	BP-L	516	2
13548 Att 2	Engines Type D14-16 with 9 ½" D. Piston Valves-Trailing Axlebox Lubrication Details	6" to 1' arrangement of lubrication and full size details of clips and pipe joints	5.9.35	1935	-	D14 D15 D16	BP-L	517	1
13548 Att 3	Proposed Method of Fitting Oiler Pads to Int. and Trlg. Axlebox Keeps	6" to 1' sections of keeps for classes B12/3 and D16/3	8.3.55	1955	-	B12/3 D16/3	PL	517	1
13548 Att 3	Proposed Method of Fitting Oiler Pads to Intermediate and Trailing Axlebox Keeps Class B12/3	6" to 1' sections of keeps My note: this drawing is attached to Dg No 19906 Ren	8.3.55	1955	-	B12/3	PL	577	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13549	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox-Clothing Arrangement	1½" to 1' elevations and section of boiler showing arrangement Endorsed: to be made of charcoal iron 14 gauge; numerous alteration to 5.6.08	- .7.03	1903	T19	-	PB-C	522	4
13552	Four Wheels Coupled Express Engines Class D56, T19 Belpaire Boiler, G58, E72- Foundation Ring	Full size detail of foundation ring and 3" to 1' arrangement Endorsed: altered 12.7.17	31.8.03	1903	D56 T19	D15 D13	PT-C	464	4
13552 Ren	Foundation Ring Class J17	3" to 1' plan and elevation and full size details of riveted corners	- .4.55	1955	-	J17	P	558	1
13553	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement of Cab and Splashers	1½" to 1' elevations and plan of cab and splashers Endorsed: altered to 5.30	15.9.03	1903	D56	D15	PB-C	581	4
13553 Att	Alteration to Cab on S46 Class Engines with Round Top Boiler	1½" to 1' elevation and plan of splasher Endorsed: altered 5.30 for removal of brass beading on cab side; altered 19.12.21	8.2.15	1915	D56	D15	PL-C	581	4
13561	General Arrangement of High Sided Wagon with Top Doors 15 Feet Steel Underframe R56	1½" to 1' general arrangement of 15' 7 plank open wagon 4' 0 ½" deep body Endorsed: half of total number of existing wagons of this type will in future be fitted brake of ordinary type each side and other half of existing wagons will be fitted with coalition of brake 15.4.15; for details of coalition type see Dg No 20060; altered 15.4.15 for coalition type of brake	6.10.03	1903	-	48W	PB-C	477	2
13565	Four Wheels Coupled Express Engines (T19 Belpaire)-Expansion Bracket	6" to 1' elevations and plan of bracket and attachment to firebox Endorsed: altered 7.12.02 & 8.12.03	- .9.03	1903	T19	-	PT-C	468	4
13566	Four Wheels Coupled Express Engines Class D56-Frame and Boiler Stay	3" to 1' elevation and plan of stay shown in position in frame and full size details of fixing Endorsed; numerous alterations to 21.2.23	2.9.03	1903	D56	D15	PT-C	461	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13569	Four Coupled Bogie Express Engines D56 Belpaire-Cab Front Window Brackets	Full size details of cab window brackets My note: drawing in appalling condition	- .9.03	1903	D56	D15	PT-C	479	4
13576	Details of J. Stone's & Co Patent Fuel Economiser and Spark Arrestor LM3583	3" to 1' and full size details of components and assemblies	14.9.03	1903	-	-	BP-C	580	1
13576 Att	Casing of Petticoat	6" to 1' elevation, section and plan of petticoat for unspecified engine	16.5.04	1904	-	-	PT-C	580	1
13577	Arrangement of J. Stone & Cos Patent Fuel Economiser and Spark Arrestor LM3583	3" to 1' arrangement shown in smokebox Endorsed: altered 22.9.03; for details see Dg No 13576	2.9.03	1903	LM3583	-	BP-C	502	2
13579	Arrangement of Vacuum Brake Pipes D56 Class	1 ½" to 1' arrangement shown in relation to outline of engine Endorsed: several alterations	-	1903	D56	D15	PT	463	4
13579 -1	4-6-0 Type Engines Ejector Steam Cock for Vacuum Brake	Full sectional elevation and end elevation of cock	5.28	1928	-	B12	-	464	4
13579	Four Wheels Coupled Bogie Express Engines D56-Brake Arrangement	1½" to 1' outline side and end elevations and sectional plan of engine showing arrangement	4.2.16	1916	D56	D15	PL-C	512	4
13581	Six Wheels Coupled Tank Engines Class R24- Arrangement of Firebox Roof	3" to 1' sections, elevation and plan of roof Endorsed: altered 13.5.04 and 15.1.24	- .9.03	1903	R24	J67 J69	PT-C	585	4
13581 Att	Six Wheels Coupled Tank Engines Class S56- Arrangement and Details of Firebox Roof Stays	3" to 1' sections showing arrangement of stays and full details of stays Endorsed: altered 12.10.08; for details of plugs see Dg No 24193	27.1.04	1904	S56	J67 J69	PT-C	585	4
13582	Six Wheels Coupled Tank Engine Class S56- Firebox Roof Stays, etc	Full size elevations and plan of components Endorsed: title supplemented by 'with Boilers to LM's 3521 and 3522; altered 21.10.03 and 23.11.03	- .9.03	1903	S56	D15	PT-C	514	3
13587	Six Wheels Coupled Goods Engines N31 Class-Arrangement of Hood and Shortened Blast Pipe	3" to 1' sectional elevation of smokebox showing hood and blastpipe with plan	16.10.03	1903	N31	J14	PB-C	525	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13588	Arrangement of Water Gauge on Engines Class 0140	1½" to 1' part elevations of cab showing position of gauge	2.11.03	1903	140	-	PB-C	547	1
13589	Arrangement of Water Gauge on Engines Class 135	1½" to 1' elevations and part plan of cab showing arrangement of gauge Endorsed: undated alterations My comment: title altered to 0135	10.10.03	1903	135	-	PB-C	482	2
13590	Arrangement of Water Gauge on Tram Engines C53 Class	1½" to 1' part interior elevation of engine casing and sectional end elevation and plan showing position of gauge and pipework to well tank	28.9.03	1903	C53	J70	PB	516	1
13591	Arrangement of Water Gauge on Shunting Engines Class 209	1½" to 1' arrangement shown on elevations and plan of engine	- .9.03	1903	209	Y5	PB	474	2
13592	Arrangement of Water Gauge for Tram Engines Class G15	1½" to 1' arrangement shown on part elevations and plan of tram housing Endorsed: altered 4.4.06	2.11.03	1903	G15	Y6	PB-C	534	2
13593	Arrangement of Water Gauge Tenders Class No 1	1 ½" to 1' outline part side elevation and plan showing position of gauge and pipework Endorsed: altered 18.5.04	27.10.03	1903	1	-	PB-C	463	1
13594	Arrangement of Water Gauge on Tank Engines Class T18	1½" to 1' outline elevations and plan of cab showing position of water gauge Endorsed: altered 9.11.03	8.10.03	1903	T18	J66	PB-C	564	3
13595	Arrangement of Water Gauges Engines Class 61	1 ½" to 1' outline elevation of cab and plan showing position of gauge and pipework Endorsed: altered 6.11.03	2.10.03	1903	61	-	PB-C	463	3
13596	Arrangement of Water Gauges on Engines Classes E10, R10, O11, F13, X13	1½" to 1' part elevations and plan of cab showing position of gauges and pipe work	2.11.03	1903	E10	-	PB-C	579	2
13597	Arrangement of Water Gauge on Engines Class R24	1½" to 1' elevations and plans showing arrangement in cab Endorsed: work to the attached Dg No 13597 Att for alteration to water gauge 16.1.18; altered 30.1.06	- .10.03	1903	R24	J67	PB-C	478	3
13597 Att	Alteration to Water Gauge on Engines Class R24	1½" to 1' elevation showing new position	29.5.16	1916	R24	J67	PL	478	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13598	Arrangement of Water Gauges on Engines Classes E22, B32	1½" to 1' outline elevations and plan of cab showing position of gauges	2.11.03	1903	E22 B32	J66	PB-C	582	2
13599	Arrangement of Water Gauges on Engines Class C32	1½" to 1' part elevation and plan of cab showing position of gauge and arrangement of pipe work Endorsed: altered 29.1.06; work to the attached drawing for alteration to water gauge 16.1.18	2.11.03	1903	C32	F3	PB-C	579	2
13599 Att	Alteration to Water Gauge on Engines Class C32	1½" to 1' part elevations of cab showing position of gauge and arrangement of pipe work Endorsed: one engine No 1084 to be fitted to this for trial (Subsequently deleted)	25.1.18	1918	C32	F3	PL-C	579	1
13600	Arrangement of Water Gauge on Engines K9	1½" to 1' outline elevations and plan of cab showing position of gauge	2.11.03	1903	K9	-	PB-C	563	1
13601	Arrangement of Water Gauges on Engines Class S44	1½" to 1' arrangement shown on elevations and half plan of cab Endorsed: altered 26.11.03; work to Dg No 13601Att for alteration to water gauge 16.1.18	21.10.03	1903	S44	G4	PB-C	489	3
13601 Att	Alteration to Water Gauge on Engines Class S44	1½" to 1' arrangement shown on outline elevation of cab	29.5.16	1916	S44	G4	PL	489	1
13608	Four Wheels Coupled Bogie Express Engines Class D56-Rod, Pipe and Clothing Arrangement	1½" to 1' outline elevation and plan of engine Endorsed: altered 11.2.04; see Dg No 15081 for G61 and future engines	- .10.03	1903	D56	D15	PT-C	580	4
13611	Earl's Metallic Packing Adapted to Colne Valley Engine 'Halstead'	Full size elevations and full size sections showing application of packing Also numbered SDO Dg 2227	8.10.03	1903	-	-	PT-C	489	3
13617	Six Coupled Tank Engines (180Lbs) S56 Class-Safety Valve	Full size sectional elevation and end elevation of valve Endorsed: altered 29.2.04	- .10.03	1903	S56	J69	PT-C	501	4
	Repairs Boilers D56 and T19 Elbow for	Full size elevations and plan of elbow			D56	D15			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13619	Repair Boilers D56 and T19-Elbow for Vacuum Steam Cock	Endorsed: not required for D56 and T19 see Dg No 13759 3.2.16	4.10.03	1903	T19	D13	PT-C	586	
13630	Running Department Stratford-Details of Hinged Chimney of Boiler for 20 Tons Accident Crane A56	1½" to 1' details of construction	- .11.04	1904	A56	-	PT-C	483	4
13648	Steam Sanding Gear D56 Class-Reversing Valve and Details	Full size elevations and section of gear Endorsed: altered 24.12.03	- .12.03	1903	D56	D15	P-C	554	4
13649	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Steam Sanding Gear	3" to 1' arrangement of gear and full size details of components Endorsed: for alteration to air sanding see Dg No 16784; for air sanding arrangement on future D56 class engines see Dg No 16838; for engines class G61 see Dg No 14922 16.5.06	8.12.03	1903	D56	D15	PB-C	551	2
13652	Six Wheels Coupled Condensing Tank Engines Class S56-Cab and Tank	1½" to 1' elevations and plan of cab and tanks with full size constructional details Endorsed: numerous alterations to 6.4.25	26.11.03	1903	S56	J69	PB-C	566	4
13652	Six Wheels Coupled Condensing Tank Engines Class S56-Cab and Tank	1½" to 1' elevations and plan of cab and tanks with full size constructional details Endorsed: numerous alterations to 6.4.25	26.11.03	1903	S56	J69	BP	566	4
13653	Four Wheels Coupled Bogie Express Engines Class D56-Elbow on Boiler for Liquid Fuel Fitting	Full size sectional elevation and plan of elbow shown in relation to corner of boiler	13.11.03	1903	D56	D15	PT-C	495	1
		1½" to 1' elevations, sections and plan of 8'0" wheelbase bogie, length 12'7"							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13665	Standard Four Wheeled Bogie for Carriages	Endorsed: for T,U & X56, A & B57 and future classes except H57 9 sets of which were built to Dg No 11507 and one set to this; for new bolsters see Dg No 15038 for G62and future classes; for G62 and future classes see Dg No 16024	1.2.04	1904	-	-	BP-C	558	
13672	Six Wheels Coupled Goods Engines Class F48-Proposed Alterations to Fire Bars to Prevent Burning Away of Copper Plates under Brick Arch	3" to 1' elevations, section and plan showing arrangement of firebars	11.12.03	1903	F48	J16	PT-C	480	2
13673	Valve Spindle T18	Elevation and plan of spindle Endorsed: altered 12.11.07 22.3.09 & 15.7.21	-	1903	T18	J66	PT-C	481	4
13675	Six Wheels Coupled Tank Engines Class G75 (T18)-and Renewals E10, X13-Back Cylinder Cover, Piston Rods with Enlarged Ends	Full size elevation, plan and section of cover Endorsed: altered 18.1.04 & 16.6.11	- .12.03	1903	G75 E10	J66	PL-C	490	3
13678	Main Line Tank Engines-Arrangement of Outside, Leading and Trailing Axleboxes	Full size elevations, sections and plan of axlebox	- .10.03	1903	C32	F3	PT-C	591	3
13681	Protector Ring for Firehole Rivets for Engines Class S46, L52, D56, G58 and Future Engines and Renewals	6" to 1' elevation and sections of protector ring Endorsed: superseded by Dg No 11122 1.10.09	13.1.04	1904	S46 L52 D56 G58	D14 J16 D15 J17	PT-C	585	2
13685	Six Wheels Coupled Goods Engines Class F48-Proposed New Firebars to Prevent Burning Away of Copper Plate Under Brick Arch	6" to 1' elevations and plans of 4 types of firebar	- .12.03	1903	F48	J16	PT-C	532	3
13686	Four Wheels Coupled Express Engines Class T19-Vacuum Brake Arrangement	6" to 1' part outline elevation and plan showing arrangement of vacuum brake My comment: large parts of drawing missing	- .12.02	1902	T19	D13	PT-C	589	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13686 Att	Alterations to Vacuum Brake Arrangement for Engines Fitted with Superheaters T19 Belpaire Class	1½" to 1' arrangement of part elevation and plan of cab and 3" and 6" to 1' details of components Endorsed: altered 16.2.15	9.12.14	1914	T19	D13	PL-C	589	3
13686 Att	Alteration to Vacuum Pipe for Engines Class T19 Belpaire with G16 Bogie	1½" to 1' outline elevation of front part of frame showing height	6.12.04	1904	T19	D13	PT-C	589	2
13686 Att	Four Wheels Coupled Bogie Express Engines T19 Belpaire Class with Superheater-Casting for Vacuum Exhaust Pipes	Full size elevations and section of casting Endorsed: cancelled see Attachment dated 12.14	6.10.14	1914	T19	D13	PL-C	589	2
13688	Four Wheels Coupled Bogie Express Engines d56 Class-Boiler Arrangement	1½" to 1' arrangement and sections of boiler with full size sections of riveting details Endorsed: altered 28.1.07 and 15.12.26	- .9.04	1904			PB-C	511	4
13688 Att	Alteration to D56 Boilers for S46 Engines	1½" to 1' sectional view of boiler showing position of tubes and half end elevation showing position of frame and boiler stay Endorsed: mud plug in steel wrapper RH only added 7.4.26	2.2.15	1915	S46 D56	D14 D15	PL-C	511	2
13688 Att	Sketch of Firebox Tube Plate with Reduced Diar. Tube Ends 5 Belpaire Boilers to be	3" to 1' part end elevation of tube plate and a full size section showing arrangement of	1.8.06	1906	S46	D14	PT-C	511	2
13697	Built Up Axle for Goods Engines Class Y14	3" to 1' elevations of axle Endorsed: altered 27.3.12; superseded by Dg No 25443 22.12.21	22.1.04	1904	Y14	J15	PT-C	584	2
13704	Four wheels Coupled Shunting Tank Engines 209, G40, R55-Metallic Packing for Piston Rods and Valve Spindles	Full size section and elevations Endorsed: altered 2.3.04 & 17.3.04	- .1.04	1904	209 G40 R55	Y5	PB-C	470	4
13710	Six wheels Coupled Goods Engines Class F48-Sand Boxes for Driving Wheels	3" to 1' elevations and plan of sand box Endorsed: altered 16.4.04; altered for T67 and future engines 18.8.10; 16.4.04; see Dg No 16331 for hand sanding arrangement	- .2.04	1904	F48	J16	PT-C	583	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13711	Splasher Footstep for T19 Belpaire Engines	3" to 1' elevations and plan of footstep showing position on splasher right hand side only	10.2.04	1904	T19	-	P-C	468	1
13718	Six Wheels Coupled Tank Engines Type J69-Driving Horn Block	6" to 1' elevations and plan of hornblock	17.6.29	1929	-	J69	P	484	1
13720	Wakefield's Patent Sight-Feed Lubricator	Full size elevations, sections and plan of lubricator Endorsed: work to red for alterations and addition to Wakefield and Albany Lubricators	17.2.04	1904	-	-	PB-C	515	1
13725	Six Wheels Coupled Goods Engines Class N31-Special Blast Pipe Cap and Gear	3" to 1' elevations and plan showing position of gear in smokebox	16.3.04	1904	N31	J14	PT-C	490	3
13730	Six Coupled Goods Engines F48 Class-Peep Hole for Smokebox	Full size elevations and section of peep hole and cap	3.3.04	1904	F48	J16	PT-C	462	4
13736	Stone's 1 ½ Pint Lubricator Showing Alterations	Full size sectional elevation and sectional plan of lubricator	21.3.04	1904	-	-	PB-C	489	2
13737	Standard Combination Regulator and Sanding Lever	Full size elevations and part section of lever Endorsed: altered 25.6.14	- .6.04	1904	-	-	PB-C	551	3
13742	Flexible Hose Pipe for Water Pick Up Connections	Full size elevation of 2'0" pipe	30.3.04	1904	-	-	PB-C	578	1
13755	Arrangement of Steam Heating Apparatus on Express Engines Class S46 and Tenders for Same	1½" to 1' side elevation and part plan showing route of steam heating pipes with full size details of brackets Endorsed: for steam heating pipe arrangement of 1500 class tenders see Dg No 22360; numerous alterations	- .5.06	1906	S46	D14	PT-C	470	4
13758	Four Wheels Coupled Bogie Express Engines T19 Class with G16 Bogie-Framing Arrangement	1½" to 1' elevations and plan of frame Endorsed: altered 11.11.04 & 14.12.04 and others undated	25.4.04	1904	T19	D13	PT-C	469	4
13758 Att	Four wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Superheater-	3" to 1' elevation and plan of front part of frame	30.6.13	1913	T19	D13	PT-C	469	2
13758	Four Wheels Coupled Bogie Express Engines	3" to 1' elevation and half plan of leading end							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att 2	T19 Fitted with Superheater-Alteration to leading End of Framing for Engines without Piston Tail Rods	Endorsed: smokebox for Robinson superheater engines see Dg No 20058; for Schmidt superheater see dg No 18551	15.6.15	1915	T19	D13	PL-c	469	
13767	Six Wheels Coupled Tank Engines T18-Alterations to Stays of Condensing Tanks	Full size elevation and plan of stay and 3" to 1' section showing attachment to boiler	25.4.04	1904	T18	J66	PT-C	468	4
13769	Arrangement of Spark Arrestor- Stones Patent fitted to Engine No -	3" to 1' sections of smoke box showing details of arrestor	28.4.04	1904	-	-	PT-C	578	1
13770	Arrangement of Ashpan with Deflecting Plates for Engines Built with an S46 Class of Ashpan	3" to 1' elevation, section and plan of ashpan Endorsed: altered 16.5.04 and 15.6.04; for details see Dg No 11003	- .5.04	1904	S46	D14	PT-C	566	2
Att 13770	Alteration to Back Corners of Ashpan with Deflecting Plates	3" to 1' part side elevation and plan showing corner	20.7.04	1904	S46	D14	PT-C	566	1
13771	Stones Patent Spark Arrestor-Blast Pipe	3" to 1' sectional elevation, elevation and plan of blast pipe applicable to T19 Engine No 1012	15.5.04	1904	T19	-	PT-C	541	3
13786	Arrangement of Indicator for Scoop on Tenders with 3,500 Galls. Capacity	1½" to 1' arrangement on outline elevations and part plan of tender and full size details of components	15.6.04	1904	-	-	PB-C	581	2
13793	Four Coupled Express Engines T19 Belpaire and G16 Bogie-Smokebox	3" to 1' sectional elevations of smokebox and upper part of cylinders Endorsed: alterations to 15.4.14	- .6.04	1904	T19	D13	PT-C	533	4
13798	Scheme for Increasing Capacity of Standard 15 Feet Goods Wagon D&P7464	1½" to 1' elevations and part plan of 5 plan open wagon showing 4 plank hinged extension to provide body depth 5' 2 7/8" and 3" to 1' details of ironwork Endorsed: altered 22.8.04 to make end extension as a single width instead of split	9.6.04	1904	D&P 7464	-	PB-C	486	2
13803	Four Wheels Coupled Express Engines Class T19 with Belpaire Firebox and G16 Bogies-Leading Splasher	3" to 1' elevation and plan of splasher on leading wheels Endorsed: altered 1.3.07, 14.9.21 and 7.2.22	- .6.04	1904	T19	D13	PT-C	531	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13812	Four Wheels Coupled Express Engines Class T19 Belpaire Fitted with G16 Bogie-Cylinder Cock Details	Full size details of components Endorsed: altered 12.1.01, 15.8.13 and 11.1.32 Cylinders cocks and connections	- .8.04	1904	T19	D13	PT-C	569	4
13812 Att	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Superheater-	Full size details of components Endorsed: altered 14.11.13	22.8.13	1913	T19	D13	P-C	569	2
13818	Shunting Engines 'A'-Metallic Packing for Piston Rod and Valves	Full size sections and elevations of packing arrangement and details of components	27.6.04	1904	200	-	PT-C	541	4
13904	Four Wheels Coupled Bogie Tank Engines 61 Class-Arrangement for Consuming Smoke	1½" to 1' arrangement of apparatus on firebox and full size details of components	19.12.04	1904	61	-	PB-C	576	1
13907	Four Wheels Coupled Express Engines Class T19 with Belpaire Firebox and G16 Bogie-Leading Sandbox	3" to 1' sections, elevations and plan of sand box and pipework and full size details of lid	10.10.04	1904	T19	D13	PT-C	488	2
13908	Flexible Coupling Between Engine and Tender for Water Pick Up (For Engines Fitted with Large Tenders)	Full size elevation of coupling end end fittings	- .9.04	1904	-	-	PT-C	547	3
13909	Expansion Joint for Steam and Exhaust Pipes Six Wheels Coupled Tram Engines Class C53	Full size section and elevation of two joints	- .9.04	1904	C53	J70	PT-C	552	4
13912	Alteration to Smoke-Box Fronts on Engines Class D56	3" to 1' sectional side elevation and front elevation of smokebox front and door	- .9.04	1904	D56	D15	PT-C	463	1
13915	Four Wheels Coupled Tank Engines Class D58-Arrangement of Spike Bands for Boilers Lagged with Asbestos Mats	1½" to 1' details of fittings in relation to outline elevation of boiler Endorsed: altered 3.11.04	29.9.04	1904	D58	F4 F5	PT-C	577	3
13929	Piston Cover and 12 Inch Liner for Engines E10 Class	Full size elevations and section of cover and 3" to 1' elevations of piston and 6" to 1' elevation of liner	8.11.04	1904	E10	-	PT-C	567	1
13930	Four Wheels Coupled Tank Engines D58 Class-Bracket for Sight Feed Lubricator	Full size elevations and plan of bracket showing position of lubricator	14.10.04	1904	D58	F5	PT-C	464	4
13939	Six Coupled Tank Engines T18 Class-Built Up Crank Axle	3" to 1; elevations of crank axle Endorsed: altered 27.3.12; superseded by Dg No 23529 28.11.21	- .10.04	1904	T18	J66	PT-C	566	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13945	Six Wheels Coupled Goods Engines Class L52 Nos 1170 to 1209-Flanged Plate for Supporting Reversing Screw Bracket	3" to 1' elevations and plan of plate	5.4.06	1906	L52	J16	PT-C	577	2
13947	Ash Boxes for Smokebox Ash Ejectors S46 Class	3" to 1' elevations and plan of box	2.11.04	1904	S46	D14	PT-C	562	1
13958	Six Coupled Goods Engines Y14 Renewals-Expansion Bracket	6" to 1' elevations and plan of expansion bracket and full size section showing method of fixing Endorsed: altered 17.5.06 & 15.5.07	- .11.04	1904	Y14	J15	PT-C	490	4
13966	Details of Smokebox Ash Ejector S46 Class	Full size details of numerous components	12.11.04	1904	S46	D14	PT-C	541	1
13967	Cast Steel Coupling Bracket for 20 Tons Boiler Trolley D&P 7401	Full size elevation, section and plan of bracket	14.11.04	1904	D&P 7401	-	PB-C	518	1
13970	Four Wheels Coupled Bogie Express Engines Class D56-Reversing Screw Bracket	Full size elevations, plan and section showing arrangement of reversing screw bracket Endorsed: Six Wheels Coupled Express Engines Class S69 added to title 31.7.11; for details see Dg Nos 13972 & 13460	- .7.06	1906	D56	D15	PB-C	462	3
13971	Steam Sanding Valve for Engines F48 Class, T19 Belpaire and Future D56 Class	Full size elevations and plan of valve and details of components D56 D15 Endorsed: altered for air sanding 16.3.07, 9.2.09 and 12.8.09; see Dg No 16816 for air sanding valve for future S56 class engines	16.11.04	1904	F48 T19 D56	J16 D13 D15	PB-C	564	4
13972	Four Wheels Coupled Bogie Express Engines Class D56, Six Wheels Coupled Express Engines Class S69 Type B12-Reversing Gear	3" to 1' details of 55 components and schedule giving names Endorsed: altered 17.10.32	- .11.04	1904	D56 S69	D15 B12	P	492	1
13973	Expansion Bracket for Engines Classes T19, D27, N31	6" to 1' elevation and plan of bracket and full size section showing method of fixing Endorsed: altered 25.1.05	- .11.04	1904	T19 D27 N31	D13 - -	PT-C	486	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
13977	Ironwork Details for 20 Tons Boiler Trolley with 10 Tons Trailer	3" to 1' details of numerous components for road vehicle	5.1.05	1905	D&P 7401	-	P-C	598	2
13988	Arrangement Showing Working of Steam Sanding Valve on T19 Belpaire Engs. with G16 Bogies and Vacuum Brake	Full size sections and elevations of valve with 3" to 1; arrangement shown on boiler backplate Endorsed: altered 19.1.05 & 3.3.05	30.12.04	1904	T19	D13	PB-C	501	3
13993	Arrangement of Tender Gauge Columns 1850 Class	1½" to 1' outline elevations and half plan of tender showing arrangement of columns on outside of tender Endorsed: position altered 14.4.13	13.4.11	1911	D56	D15	PB-C	572	2
13994	Tenders 1850 Class-Details of Water Gauge Columns, Etc.	3" to 1' details of 5 components Endorsed: altered by addition of further components 14.4.13; for bottom cock see Dg No 9052	- .12.04	1904	D56	D15	PT-C	545	2
13995	Four Wheels Coupled Express Engines Class T19 with Belpaire Firebox and S46 Class Bogie-Cast Steel Motion Plate	3" to 1' elevations and plan of plate and full size section Endorsed: not carried out	22.12.04	1904	T19	D13	PT-C	461	1
14004	Steam Brake Arrangement for shunting Engine A	1½" to 1' details on part outline of lower part of engine Endorsed: altered 29.9.07 & 1.10.07	23.7.07	1907	200	-	PB-C	470	2
14011	Six Wheels Coupled Goods Engs. Class G58-Details of Cylinder Cock Gear	1½", 3" and 6" to 1' details of components Endorsed: altered 14.12.05	2.2.05	1905	G58	J17	PT-C	523	3
14012	Expansion Bracket for Engines Classes S46, F48	6" to 1; elevation and plan of bracket with full size details of fixing to frame Endorsed: for boilers to Dg No 11548 ; altered 25.1.05	- .1.05	1905	S46 F48	D14 J16	PT-C	522	3
14038	Hand Control Valve for Westinghouse Brake	Full size elevations, sections and plans of valve and components Endorsed: labour and materials to be charged to LM 3920 My comment: supplementary SDO drawing number not legible	- .1.05	1905	-	-	PB-C	513	3
14062	Adjustable Bogie Spring Hanger S46 Class Four Wheels Coupled Bogie Express Engines	Full size elevation and plan of hanger Endorsed: altered 15.1.00; see also Dg No 10496 19.2.09	7.3.05	1905	S46	D14	PB-C	526	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14080-1	Boilers for No 51, J69 Class Engines- Foundation Ring	3" to 1' elevation and plan of ring and full size details of corner riveting	- .12.19	1919	S56	J69	P	547	1
14080	Six Wheels Coupled Tank Engines S56 (T18 Class)-Foundation Rings with Double Corners-Arrangement and Details	3" to 1' elevation and plan of ring and full size details of riveted corners	17.11.05	1905	T18	J66	PT-C	594	4
14081	Four Wheels Coupled Tank Engines Class C59-Expansion Bracket	3" to 1' elevation and plan of bracket and full size section showing method of fixing Endorsed: altered 15.2.07; for G69 class see Dg No 17603 13.1.11	18.9.05	1905	C59	F4	PT-C	548	3
14085 Ren	Arrangement and Details of Spark Deflector and Alteration to Condensing Gear S56 Class, J69, E22, J65 and No 1 and also Crane Eng. B, C and D	3" to 1' elevations of deflector and details of components	- .2.05	1905	S56 E22 G69 204	J69 J65 F6 J92	BP-L	563	2
14158	General Arrangement of Special Light Parcels Van D&P 8480	1½" to 1' general arrangement of 4 wheeled van length 8'0" over rails	1.10.06	1906	D&P 8480	-	PB-C	601	2
14177	Six Wheels Coupled Tank Engines Type J69-Classes S56 and P57-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: altered 24.1.09 and 26.6.17 My comment: renewal print	- .10.04	1904	S56 P57	J69	PL	553	2
14177 Part	Six Wheels Coupled Tank Engines Class S56-J69-Arrangement of Injectors and Pipes	1½" to 1' part side elevation and plan of cab end showing pipe work	- .3.25	1925	S56	J69	PL	553	2
14179	Four Coupled Express Engines T19 Class with Belpaire Firebox and G16 Bogie-Reversing Shaft Bracket	3" to 1' elevations and plan of bracket	1.3.05	1905	T19	D13	PT-C	549	2
14184	Liquid Fuel Burning Apparatus-Holden's Patent-Air Inlet and Warmer Outlet for LF Tank	Full size elevations, section and plan of component Endorsed: altered for R43 22.3.98; altered for L47 undated Supplementary Dg No 151LF	14.10.92	1892	-	-	PB-C	582	3
14186	Arrangement of Holders for Fire Irons and Etc. on Tender Tanks for 3,450 Gallons	1½" to 1' elevations of upper part of tender and plan and 3" to 1' details of fittings Endorsed: altered 21.8.16 and 5.9.24	- .4.05	1905	-	-	PT-C	593	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14282	Arrangement of Ash Ejector Four Wheels Coupled Express Engines Class T19 Belpaire with G16 Bogie	1½" to 1' arrangement of ejector shown on part outline elevation and plan of engine Endorsed: altered 15.6.06; work to red for S46 box 4.10.05	5.3.05	1905	T19	D13	PB-C	464	4
14282 Att	Ash Box Door	Elevations and plan of rectangular door Endorsed: altered 17.11.06	-	1906	T19	D13	PT-C	464	1
14282 Att	Protection Plates for Ash Ejector Boxes S46 & T19 Belpaire with G16 Bogie	Full size elevations of plate and 3" to 1' arrangement of plate on the box Endorsed: altered 5.2.07; protection plates not required for T19 Belpaire without bogie	14.10.06	1906	T19 S46	D13 D14	PT-C	464	1
14286	Four Wheels Coupled Express Engines Class T19 Belpaire with G16 Bogie-Details of Ash Ejector	Full size elevations and plans of numerous components Endorsed: see Dg No 16039 for S46 and D56 19.6.07	3.5.05	1905	T19	D13	PB-C	543	3
14295	GER Spark Deflector Y14 Class (I, S, X45)	3" to 1' elevations and plan of deflector Endorsed: altered 12.11.04; superseded for new work see Dg No 14374 20.5.08 My comment: drawing badly damaged	- .-.04	1904	Y14	J15	PT-C	545	4
14297 Ren	Spark Deflector on Smoke-Box Door	3" to 1' elevations of deflector with full size details of deflecting plate Endorsed: one set complete for engines T26 and T19 class; smokebox Dg No 9421; N31, Y14 (I, S & X45 class) smokebox Dg No 10838; C32 class smokebox Dg No 8326; 61 Class 1.2.07; altered 19.12.05 and 21.8.07 My comment: original drawing dated 10.04	28.10.05	1905	T26 T19 N31 Y14	E4 D13 Y14 J15	PT-C	591	3
14317	Packing Blocks for Stanchions on 20 Tons Brakes and Covered Goods Wagons D59 &	Full size elevations and plan of blocks	26.6.05	1905	D59 F59	47W 49W	PB-C	491	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14324	Spark Deflector for Engines Class R58 (F4, F5, Y4)	3" to 1' elevations of deflector within smokebox, 6" to 1' details of components and full size details of deflecting plate Endorsed: undated alteration for D74 (Y4) class	- .7.05	1905	R58 D74	F4 F5 Y4	PL	489	1
14335	Four Wheels Coupled Bogie Tank Engines S44 Class-Expansion Bracket	3" to 1'elevation and plan of bracket with full size section showing attachment	20.7.05	1905	S44	G4	PT-C	502	4
14339 Ren	G16 Bogie as Arranged for 710 Class Rebuilds LM3967 and 4026	3" to 1' elevations, section and plan of 6'3" wheelbase bogie Endorsed: for stayed dust shield see Dg No 32189 12.34	- .2.09	1909	G16	D13	P-C	565	3
14341	Spark Deflector for Engines Class N31	3" to 1' section of deflector in smokebox and 6" to 1' details of components Endorsed: work to red for engines with blast pipe to Dg No 13725 15.3.06; altered 8.1.07	- .11.05	1905	N31	J14	PB-C	539	3
14342	Arrangement of Water Gauge on Crane Engines B, C & D	1½" to 1' arrangement shown on outline of cab	18.8.05	1905	204	J92	PB-C	492	1
14344	Four Wheels Coupled Express Engines Class S46-Arrangement of Ash Ejector	1½" to 1' arrangement shown in relation to outline frame and bogie Endorsed: numerous alteration to 10.1.08	9.8.05	1905	S46	D14	BP-C	503	4
14357	Carriages-Trip Valve for Combined Westinghouse and Vacuum Brake	Full size sections and elevation and details of components Endorsed: altered 4.9.05 SDO Dg No 2560	29.8.05	1905	-	-	PT-C	562	1
14358	Switch Vale for Combined Westinghouse and Vacuum Brake	Full size elevations and sections of valve with details of components Endorsed: altered 4.9.05 My comment: SDO Dg No 2561	31.8.05	1905	-	-	PT-C	595	2
	Four Wheels Coupled Express Engines Class	Full size details of components							3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14369	Four wheels Coupled Express Engines Class S46-Details of Ash Ejector	Endorsed: altered see Dg No 16039 12.6.07; altered 28.3.07 and 23.3.08	- .9.05	1905	S46	D14	PB-C	566	
14373	Arrangement of Valves, etc for Combined Westinghouse and Vacuum Brake	1½" to 1' part sectional side and end elevation and part plan of 6 wheel carriage underframe showing arrangement of brakework and 6" to 1' details of two clips Endorsed: for details of brakework see Dg No 11643;for arrangement of underframe see Dg No 11172 Supplementary Dg No SDO 2554	- .9.05	1905	-	-	PB-C	514	1
14374	Mixed Traffic Engines Class E4 and Tank Engines Class F3, F6, Goods Engs. J15-Spark Deflector	3" to 1' arrangement of deflector and 6" to 1' details of components Endorsed: drawing amended to suit J15 engines with 2'9" long blast pipe 3.43 My note: original drawing dated 11.05	-	1943	-	E4 F3 F4 J15	BP-L	559	1
14388	Engines Type F4-6-Blast Pipe and Valve for Condensing Apparatus	Full size elevations and sections of components Endorsed: altered 28.6.34; Dg No 26226 now used for F4, F5 & F6	- .4.33	1933	-	F4-6	PL	467	2
14390	Engines Types F4 & F5-Condensing Arrangement	1" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered 21.5.13; condensing gear not required except on engines fitted with trip cock gear 16.5.36	23.8.33	1933	-	F4 F5	PT-C	474	4
14391	Four Coupled Tank Engines C59 Class-Details of Condensing Gear	3" to 1' details of various components Endorsed: altered 7.8.09 and 21.10.05	- .10.05	1905	C59	F4 F5	PT-C	591	4
14391	Four Wheels Coupled Tank Engines Class G69-Air Vent and Condensing Pipes	3" to 1' details of three types of pipe	28.2.11	1911	G69	F6	PT-C	591	4
14395	Four Wheels Coupled Tank Engines Class C59-Pipe Bend for Condensing Gear	Full size elevations of pipe	9.10.10	1910	C59	F4 F5	PT-C	606	2
14470	Diagram Showing the Various Lengths of Connecting Rods and Coupling Rods	Schedule of engine types showing lengths of rods and their drawing numbers	25.10.08	1908	-	-	PB	585	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14613	Diagrams showing Positions of Water Scoops below Rail Level when Tenders are Loaded with 5 Tons of Coal and their Tanks Full of Water	3" to 1' sectional elevations of 4 scoops for T46 class tenders Nos 1890 to 1900; O51 class tenders Nos 1880-1889; G53 class tenders Nos 1830-1879 and future tenders and tenders for engines T19 (700 Class) with explanations Endorsed: when tender tyres are turned the tender is to be adjusted to its correct height on its bearing springs	29.6.08	1908	T46 G53 O51 T19	-	P-C	552	1
14702	Arrangement of Governor for Westinghouse Pump on Tank Eng. Class S56	3" to 1' side and end elevations of arrangement inside cab and full size details of 4 components Endorsed: altered 8.7.06	14.11.05	1905	S56	J67 J69	PT-C	515	2
14704	Built-Up Crank Axles for Goods Engines Class F48	3" to 1' elevations of crank axle Endorsed: altered 27.3.12; superseded by Dg No 25597	14.11.05	1905	F48	J16	PT-C	495	3
14709	Bogie Corridor Composite Carriage F60 Class	¾" to 1' general arrangement of 50' clerestory carriage body and half plan of underframe Endorsed: commencing with E60 but excepting G60, all future main line carriages to have elliptic roofs as shown in red hereon 20.12.05 My comment: end elevation modified to show revised profile in red over original clerestory	13.12.05	1905	F60	224C	PB-C	477	2
14723	Reversing Nuts Class L55, D56, F53, S69	Full size elevations and plans of nuts split into two separate drawings	4.11.05	1905	L55 D56 F53 S69	D14 D15 D14 B12	PB-C	602	2
14728	Four Wheels Coupled Bogie Express Engines	3" to 1' elevation of rod and full details of construction	1.12.00	1900	S46	D14	PT-C	522	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14728	Class S46-Reversing Rod	Endorsed: altered 19.2.00 and 6.5.01; not required for D56 see Dg No 12770	7.12.99	1899	S46	D14	PT-C	532	
14728	Combined Elbow and Cock for Water Pick-Up on Express Engines S46 and D56 Class with Large Tenders	Full size elevations, section and plan of cock Endorsed: altered 29.10.06	7.3.06	1906	S46 D56	D14 D15	PC	532	3
14728	Six Wheels Coupled Express Engines Class S69-Elbow Air Cock for Water Scoop Gear	Full size elevations and plan of cock	8.11.11	1911	S69	B12	PT-C	532	2
14732	Half Steel-Tube Plate for Belpaire Boilers	1½" to 1' section and elevation of tube plate and full size riveting details	24.11.05	1905	-	-	PB-C	523	1
14755	Six Wheels Coupled Goods Engines Class A60-Couling Rods	Full size elevation and plan of 7'7" and 8'6" rods Endorsed: altered 8.33 and 25.10.48	12.1.05	1905	A60	J15	PB-C	600	2
14798	Arrangement of Holders for Fireirons, Tools and Etc. on Tenders Class H14, S23	1 ½" to 1' part elevations and plan of tender top showing position of fittings and 3" to 1' details Endorsed: altered 18.5.14, 22.8.16 & 17.1.24	29.1.06	1906	H14 S23	-	PB-C	463	2
14806	Eight Wheels Suburban Tank Engines Class C32-Arrangement of Starting Valve Gear	1 ½" to 1' arrangement shown in relation to frame	- .2.06	1906	C32	F3	PT-C	466	3
14809	Four Wheels Coupled Tank Engine No 1047 C32 Class –Details of Starting Valve	1½" to 1' details of components and full size sections My comment: condition very poor	- .1.06	1906	C32	F3	PT-C	602	4
14809 Att	Details of Levers, Etc for Starting Valve	Full size details of components	- .9.06	1906	-	-	PT-C	602	4
14811	Arrangement of Holders for Fireirons on Tenders Class R43	1½" to 1' elevations of top part of tender and plan view and 3" to 1' details of irons Endorsed: altered 18.5.14 and 22.8.16	3.2.06	1906	R43	-	PB-C	526	2
14816	Arrangement of Holders for Fireirons on Tenders Class T46	1½" to 1' arrangement of fireirons on outline elevation and plan of tender and 3" to 1' details of components Endorsed: altered 18.5.14, 22.8.16 and 17.1.24	28.2.06	1906	T46	-	PB-C	522	2
14817 Ren	Four Wheels Coupled Bogie tank Engines Class S44-Spark Arrestor	3" to 1' arrangement of arrestor shown in smokebox and 6" to 1' details of	29.2.24	1924	S44	G4	PL-C	531	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14826 Ren	Express Engines Class T19 Type D13 with Belpaire Firebox-Arrangement of Steam	1½" to 1' arrangement shown on part outline elevations and plan of engine and	- .7.26	1926	T19	D13	PL-C	531	1
14827	Four Coupled Bogie Express Engines Class S46-Spark Deflector Arrangement	3" to 1' sectional elevation of smokebox showing deflector Endorsed: numerous alterations	- .2.06	1906	S46	D14	PB-C	583	4
14828	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 & 552-561 Y14-Leading and Trailing Axle and Crank Pins	3" to 1' elevation of axle and full size elevations of crank pin Endorsed: altered 10.3.99, 13.2.06 and 13.2.17; Part Copy Dg No 3515 and Part Copy Dg No 4037 renumbered Dg No 14828 30.2.06	2.9.82	1882	Y14	J15	PB-C	521	3
14829	Engine Valve for Steam Heating Classes B12, D13, D15, D16, N7, J17	Full size elevations and plans of valve and components	- .1.25	1925	-	B12, D13, D15, D16, J17, N7	PL-C	486	2
14834	Arrangement of Governor for Westinghouse Pump on Tank Engines Class	3" to 1' arrangement shown in relation to boiler and cab with full size details of clips	- .2.06	1906	R24 P29	J67 J69	PT-C	516	3
14836	Six Wheels Coupled Goods Engines (Y14 Class afeter A60)-Balance Weights in Cast Steel Wheels	3" to 1' elevations of driving, trailing and leading wheels 4'4" diameter on tread with 15 spokes Endorsed: for other dimensions see Dg No 10726	17.7.06	1906	Y14	J15	PT-C	606	2
14838	Six Wheels Coupled Goods Engines Class G58 (J17) with Belpaire Firebox-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine	- .2.06	1906	G58	J17	P	493	1
14848	1 Ton Hydraulic Crane-Boiler Shop Extension	1" to 1' arrangement of wall post mounted crane with 3" to 1'details of components Endorsed: for other details see Dg No 11365 Dg No SDO2637	- .2.06	1906	-	-	PT-C	469	3
		1½" to 1' elevations, sections and plan of boiler and full size sections of riveting detail			E10				4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14857	Boiler Tank Engines Classes E10, R10, O11, F13 and X13	Endorsed: altered 25.6.07, 10.1.24 and 16.9.32	8.1.06	1906	R10 O11 F13 X13	-	PT-C	517	
14866	Tenders Class T46 with Large Tanks-Axle with Enlarged Wheel Seats	3" to 1' elevation of axle length 7'4 1/2" Endorsed: this axle is to suit old 710 Class Engine leading wheels used under standard tenders P46 class	31.3.06	1906	T46	-	PT-C	529	4
14874	Arrangement of Ash Ejector on Express Engines Class T19 Fitted with Belpaire Boilers	1 1/2" to 1' arrangement shown on part outline elevations and plan of engine and 3" to 1' details Endorsed: altered 7.9.06, 18.9.06 and 21.2.07	- .3.06	1906	T19	D13	PT-C	525	4
14875	Four Coupled Express Belpaire Engines T19 Class-Ash Ejector Details	Full size elevations and plans of components My comment: much of drawing missing	21.3.06	1906	T19	D13	PT-C	606	4
14901	Six Coupled Tank Engines Class T18 with Double Riveted Foundation Ring Corners-Ash Pan	3" to 1' elevations and plan of ash pan assembly Endorsed: altered 8.5.06 & 23.7.06	28.4.06	1906	T18	J66	-	461	4
14922	Four Wheels Coupled Bogie Express Engines Class G61-Arrangement of Steam Sanding Gear	3" to 1' arrangement of gear shown in relation to backhead of engine Endorsed: for alteration to air sanding see Dg No 16779, for air sanding arrangement on future D56 class engines Dg No 16838	16.5.06	1906	G61	D15	PT-C	543	2
14925	Details of Combined Hand and Vacuum Brake for 10 Ton Goods Brake N60	3" to 1' details of components Endorsed: altered 5.9.09	15.5.06	1906	N60	1W	PB-C	478	2
14927	Four Wheels Coupled Bogie Express Engines D56 Class-Smokebox	3" to 1' sectional elevations of smokebox and upper part of cylinders Endorsed: numerous alterations to 16.2.12	23.7.06	1906	D56	D15	PB-C	595	4
14927	Four Wheels Coupled Bogie Express Engines	3" to 1' sectional elevations of smokebox and upper part of cylinders	23.7.06	1906	D56	D15	PB-C	595	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14927	D56 Class-Smokebox	Endorsed: numerous alterations to 16.2.12	16.2.14	1914	D56	D15	BP-L	595	
14951	Four Wheels Coupled Tank Engines Class C32-Condensers-Arrangement and Details of Spark Arrestor and Alteration to Condensing Gear	3" to 1' arrangement shown on outline elevations of smokebox and 6" to 1' details of components Endorsed: altered 10.9.07 & 19.12.07	16.06	1906	C32	F3	PC	498	4
14979	48Ft Bogie Underframe-Arrangement of	1½" to 1' side and end elevations and section of channel steel underframe showing arrangement of drawgear, brake and gas cylinders and regulators DUPEN? F, T & X63 and I54 Endorsed: 48'3" in title altered to 50'; numerous alterations	30.12.04	1904	-	-	PB-C	500	4
14979 Att	Arrangement and Details of Gas Reservoirs on 3 rd Class Carriages Class F66	1½" to 1' part sectional side elevation and plan of underframe and 3" to 1' details of brackets and cross bearers Endorsed: altered 7.7.10 for Y65 and C68 classes; also 5.6.12 My comment: drawing un-numbered but attached to same stick as 14979	31.8.09	1909	F66	419C	P-C	500	3
14979 Att	Sketch Showing Queen Post for G65 Order Only	1½" to 1' scale part side elevation of channel frame showing queen post and tie	22.10.08	1908	G65	419C	PT-C	500	3
14991	Proposed Profiles of Engine Tyres	Full size profiles of two tyres Endorsed: from experimental sets only, not on engines	2.5.06	1906	-	-	PT-C	478	1
14993	Piston and Rod for Engines Classes Y14, O18, T26, C32, G69 and Types J15, F4, E4, F3 and F6	Full size elevations Endorsed: altered 8.34, 29.6.51	5.3.27	1927	Y14 C32 O18 T26 G69	J15 F3 F4 E4 F6	PL	489	1
15000	Ash Ejector Details for Classes S46, D56, T19	Full size details of components Endorsed: alterations to 17.1.11	10.3.08	1908	S46 D56 T19	D14 D15 D13	P-C	527	4
15005	Six Wheels Coupled Goods Engines Class A60 (Y14 Class)-Rod, Pipe and Clothing Arrangement	1½" to 1' side elevation and plan of engine	27.7.06	1906	A60	J15	PT-C	503	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15009	Spring for Engines M15 driving, T19 Driving and Trailing, T26 Driving and Trailing, D27 Driving Only, N31 Leading, Driving & Trailing, C32 Driving and Intermediate, P43 Inside Driving, S44 Leading and Driving	6" to 1' elevation, section and plan of 13 plate spring 3' 5 1/4" centres unloaded Endorsed: altered 28.10.08 & 12.33; see 15009 Att for alteration to spring buckle, etc	28.8.06	1906	M15 T19 T26 D27 N31 C32 P43 S44	F4 D13 E4 - J14 F3 - G4	PB-C	472	2
15009 Att	Engine Springs to Dg No 15009E-Spring Buckle and Section of Bottom Spring Plate	6" to 1' elevations and plan of buckle Endorsed: altered 6.1.34	2.10.24	1924	-	-	PL	472	1
15010	Arrangement and Details of Indicator for Scoop on Tenders with 3,500 Gallons Capacity	1 1/2" to 1' elevations of tender showing scoop and shafting and 6" to 1' and full size details of indicator and fixings Endorsed: alteration made for engine No 1850 only	28.8.06	1906	-	-	PB-C	479	2
15029	Intermediate Spring for Engines Classes M15, O18, P55	6" to 1' elevation, plan and section of 12 plate spring 3' 5 1/4" centres unloaded Endorsed: altered 19.1.09; see Dg No 15029 Att for alteration to spring buckle, etc 6.1.34	4.9.05	1905	M15 O18 P55	F4 F5	PB-C	563	2
15029 Att	Engines Springs to Dg No 15029E-Spring Buckle and Section of Bottom Spring Plate	Full size elevation, section and plan of buckle Endorsed: altered 12.33	- .11.25	1925	-	F4 F5	BP-L	563	1
15050	Arrangement of Third Class Carriage Classes I61, C62, H62	3/4" to 1' side and end elevations and plan of 50' corridor body with 7 compartments and a toilet Endorsed: see Dg No 19106 for end with standard ... 28.1.14	- .11.06	1906	I61	419C	PB-C	564	2
15058	Spanners for 20 Tons Accident Cranes A56	Full size elevations and plans of 4 spanners	26.10.06	1906	A56	-	PB-C	574	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15060	Six Wheels Coupled Belpaire Goods Engines Class G58-Framing	1 ½" to 1' detailed arrangement of framing with wheels and springs Endorsed: alterations up to 27.6.44	24.10.06	1906	G58	J17	PB-C	462	4
Att 15060	Alteration to Frame of No 1189 Goods Engine to Suit G58 Class Boiler	1 1/1" to 1' outline side elevation showing alteration to frame	12.8.25	1925	G58	J17	PL-C	462	1
Ren 15060	Six Wheels Coupled Goods Engines Class G58 J17-Framing	1½" to 1' side elevation and plan of engine framing Endorsed: for alteration to front buffer beam see Dg No 35406 27.6.44; see also Dg No 39000	24.10.06	1906	G58	J17	PL	516	2
15061	Four Coupled Tank Engine No 1041 C32 Class-Arrangement of Starting Valve Gear	1½" to 1' arrangement of gear Endorsed: for details see Dg No 15062	25.10.06	1906	C32	F3	PT-C	494	3
15062	Four Coupled Tank Engines No 1041 C32 Class-Details of Starting Valve Gear	Full size and 1½" to 1' elevations and plan of components	- .10.06	1906	C32	F3	PT-C	544	4
15073	Four Wheels Coupled Express Engines Class S46-Arrangement and Details of Firebox Roof Stays	3" to 1' sectional elevations and plan of roof, arrangement of stays and full size details of hangers Endorsed: 30.11.06, 12.8.07 and 7.10.08	- .11.06	1906	S46	D14	PT-C	602	3
Ren 15081	Four Wheels Coupled Bogie Express Engines Class G61, (D15)-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: altered 2.9.25, 2.34 & 27.6.50	9.10.07	1907	G61	D15	BP-L	484	1
Att 15081	Arrangement for Fixing Sand Pipes for Trailing Wheels Four Coupled Bogie Express Engines S46 and D56 Classes	1½" to 1' arrangement with 6" details Endorsed: altered 5.12.08 & 27.3.15; work to green for engines fitted with Lambert's water sanding gear 1913	- .10.08	1908	S46 D56	D14 D15	P-C	484	4
15085	Four Wheels Coupled Bogie Express Engines Class G61-Cover Plate	6" to 1' elevation and section of plate Endorsed: altered 10.1.08, 29.7.08 and 29.10.09; see Dg No 23858 for 1900 Class with 5'0" Diameter boiler 9.12.22	29.12.06	1906	G61	D15	PT-C	574	2
15091	Spark Arrestor for Express Engines P43 Class	3" to 1' sectional elevations of smokebox showing arrestor and 6" to 1' details of components	19.11.06	1906	P43	-	PB-C	448	3
Ren 15092	Engines Type F4 & 5-Details of Tank Fittings	Full size elevations and plans of 4 components and a sectional view of	- .6.33	1933	-	F4 F5	BL	485	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15099	Arrangement of Tubes in Tubeplates Engines Classes Y14, T19, T26, N31, C32	6" to 1' half elevations of smokebox and firebox tubeplates Endorsed: for other dimensions see Dg No 10289	28.12.06	1906	Y14 T19 T26 N31 C32	J15 D13 E4 Y14 F3	PT-C	592	2
15876	Engines Classes T19 Belpaire, D56, G58- Arrangement of Tubes in Tube Plate	6" to 1' elevation of tube plate for 282 tubes Endorsed: for other dimensions see Dg No 11537 and 13688; to this for non superheater engine L77, for other dimensions see Dg No 19221 16.11.14	4.2.07	1907	T19	D13	PT-C	589	3
15876 Att	Arrangement and Details of End of Tubes in Copper Firebox Plate for A64 Engines (D56 Class)	3" to 1' elevation of firebox end of boiler and full size section showing tube ends Endorsed: not to this for L77	31.10.14	1914	L77	N7	PT-C	589	1
15878	Arrangement of Ash-Ejector on Express Engines P43 Class	1½" to 1' part side elevation and plan showing arrangement and 3" to 1' elevations and plans of galvanised ash boxes and fittings Endorsed: altered 6.9.07	20.12.06	1906	P43	-	PT-C	482	2
15880	Details of Ash Ejector for Express Engines P43 Class	Full size details of components Endorsed: altered 6.9.07	20.12.06	1906	P43	-	PT-C	587	3
15889 Ren	Tenders Classes D14 D15, D16, J16, J17, J18 and J19-Framing	1½" to 1' elevation, section and plan of 6 wheel frame 18'3" overall Endorsed: altered 11.12.33 and 14.11.41; for 1500 class and D81 class tender framing see Dg No 22336	- .12.33	1933	-	D14 D15 D16 J16 J17 J18 J19	PL-C	591	2
	Coupling Links and Pins between Engine and	Full size elevations and plan of two types of link and pins							1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15893	Coupling Links and Pins between Engine and Tender	Endorsed: for S69 engines and T69 tenders and E72 engines and F72 tenders see Dg No 17275 10.10.11	- .12.06	1906	-	-	P	549	
15908	Eccentric Sheaves for Engines Y14, P55, T18, E22, R24, G75, Y65 Class	Full size elevations of shesves on right hand crank	22.1.07	1907	Y14 P55 T18 E22 R24 G75 Y65	J15 F4 J66 J65 J67 J68 F7	PT-C	579	4
15918	Four Wheels Coupled Express Engines Class S46 with Fireboxes to Dg Nos 15073 and 11548-Safety Valve	6" to 1' sections, elevation and plan of safety valve Endorsed: altered 7.11.10 and 5.22	7.8.07	1907	S46	D14	PT-C	561	1
15937	Six Wheels Coupled Tank Engines R24- Alterations to Sliding Doors of Cab- Arrangement and Details	1½" to 1' side elevation showing doors, full size details of fittings Endorsed: for other dimensions of sliding door see attachment to Dg No 9579	28.2.07	1907	R24	J65	PT-C	586	4
15938	Six Coupled Tank Engines Class E22-Boiler with Steel Firebox and Direct Stays	1½" to 1' elevations, sections and plan of boiler with full size sections of riveting details Endorsed: altered 22.4.10, 28.4.10 and 11.11.13	18.3.07	1907	E22	J65	PB-C	604	4
15938 Att	Six Coupled Tank Engines Class E22- Arrangement of Crown Stays for Boilers	1½" to 1' sections of top portion of firebox showing stays	18.3.07	1907	E22	J65	PB-C	604	2
15962	Gas Reservoir Bands, Bolts and Stops for Carriages of Cromer Train Classes I, L & M62 and R62	6" to 1' details of 6 components	20.3.07	1907	I62 L62 M62 R62	420C 26C 120C 528C	PB-C	565	1
15963	Six Wheels Coupled Goods Engines Class G58-Details of Cylinder Cock Gear	3" to 1' elevation of shaft and full size details of 12 components Endorsed: altered 13.10.10	- .3.07	1907	G58	J17	PT-C	567	4
	Crown Stays and Hangers for Steel	Full size elevations of 4 different stays and 1 hanger							3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
15976	Crown Stays and Hangers for Steel Fireboxes E22 Class	Endorsed: 3 boilers with stays to A-Attachment to Dg No 15938; 2 boilers with stays to B-boiler Dg No 15938	20.3.07	1907	E22	J66	PB-C	497	
16002	Four and Six Wheels Coupled Tram Engines Classes F40, Y6; C53, J70-Arrangement and	3" to 1' sectional elevations of arrestor inside smokebox and 6" to 1' details of	9.4.07	1907	F40 C53	Y6 J70	BP-L	562	1
16015	Foundation Ring for Boilers with Steel Fireboxes E22 Class	3" to 1' elevation and half plan of ring and full size details of corner riveting	2.5.07	1907	E22	J66	PT-C	554	2
16023	Four Wheels Coupled Bogie Express Engines Class S46-Vacuum Brake Arrangement	1½" to 1' arrangement of brake pipe shown on outline of engine Endorsed: altered 7.2.11	- .4.07	1907	S46	D14	P-C	555	4
16034	Four Wheels Coupled Bogie Tank Engine No 72-Arrangement and Details of Auxiliary Blower	1½" to 1' arrangement of gear shown on outline of boiler and full size details of components Endorsed: altered 24.8.07; for new blower with 7/8" diameter pipe see Dg No 16234 13.11.07	5.6.07	1907	61	-	PT-C	570	2
16039	Alteration to Ah Ejector Gear for Express Engines S46 and D56 Class	1½" to 1' arrangement and full size details of components Endorsed: altered 2.9.07 13.12.07 and 3.3.08	14.6.07	1907	S46 D56	D14 D15	P-C	570	3
16040	Expansion Bracket for S46 Class Boilers to Dg No 16089	6" to 1' elevation and plan of bracket Endorsed: altered 23.9.07 and 2.2.15	18.9.07	1907	S46	D14	PB-C	528	3
16040 Att	Expansion Bracket Adaptor Engs Type D15 (S46) with Boiler to Dg No 22205-E	6" to 1' elevation and plan of adapter and 6" to 1' section Endorsed: expansion brackets fitted to suit J17 class	-	-	S46	D14 J17	P	528	2
16043	Arrangement of Holders for Fire Irons on Tenders Class No 1	1½" to 1' elevations of upper part of tender showing fire irons and 3" to 1' details Endorsed: altered 18.5.14, 22.8.16 and 17.1.24	28.6.07	1907	No 1	-	PB-C	577	2
16044	Arrangement of Holders for Fire Irons on Mogul Tenders	1½" to 1' elevations, section and plan of tender top and 3" to 1' details of components Endorsed: altered 9.8.07 and 22.8.16	19.6.07	1907	527	-	BP-C	556	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16064	Boiler for Colne Valley Engine 'Hedingham'	1½" to 1' elevation, sections and plan of boiler	31.12.06	1906	-	-	PB-C	569	1
16066	Four and Six Wheels Coupled Tank Engines Class S56, S44 and P55-Arrangement of Tubes in Tubeplates	3" to 1' half elevations of each tubeplate, 225 tubes for S44 and 227 for S56 and P55 classes	10.8.07	1907	S56 S44 P55	J67 G4 F4	PT-C	557	2
16076	Four Wheels Coupled Express Engine Class T19 Belpaire Fitted with G16 Bogie-Cast Iron Ash Box	3" to 1' elevation, section and plan of box and 6" to 1' details of fittings Endorsed: numerous alterations to 24.10.07	17.7.07	1907	T19	D13	P-C	555	3
16078	Arrangement of Tubes for Experimental Purposes T18 Class Boiler	Full size elevation and section of tube arrangement (typed memorandum with the plan gives details of the tube arrangement)	1.7.07	1907	T18	J66	PT-C	475	2
16079	Details of Tubes, Ferrules and Beading Tool for Locomotive Firebox and Position of Injectors (for Liquid Fuel Burning Apparatus)	Full size sections of tubes and elevation of injector	- .5.21	1921	-	-	PL-C	470	1
16081	Engines Class F5 (G63)-Vacuum Brake Arrangement and Details	1½" to 1' arrangement shown on outline elevation and plan of engine with 3" to 1' details of components	- .8.25	1925		F5	PL	589	3
16082	Four Wheels Coupled Express Engs. S46, D56-Smokebox Door	6" to 1' sectional front and side elevation of door 4' 9¾" diameter Endorsed: see Dg No 16495 for smokebox door arrangement with grooved ring 10.7.08; see Dg No 11011 for smokebox details	30.8.07	1907	S46 D56	D14 D15	PT-C	574	3
16083	Four Wheels Coupled Radial Tank Engines P55 Class-Boiler with Steel Firebox and Direct Stays	1½" to 1' elevations and plan of boiler with full size details of corner riveting Endorsed: altered 11.11.13	- .10.07	1907	P55	F4	P-C	567	1
16089	Rebuilt Engines Class S46, F48-Boiler with Direct Roof Stays and Double Riveted Corners	1½" to 1' sections and elevations of boiler with full size details of riveting Endorsed: 5 boilers to this LM4557; altered 28.1.08, 3.9.08 and 14.1.24	18.9.07	1907	S46 F48	D14 J16	PB-C	583	3
16089 Att	Boilers Class S46, F48 with Direct Roof Stays-Sketch of Backplate with Raised Firehole	1½" to 1' elevations and section of backplate Endorsed: altered 28.7.09	1.9.08	1908	S46 F48	D14 D15	PT-C	583	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16094	Standard Cylinders for Automatic Vacuum Brake	Full size sectional elevation of cylinder and 6" to 1' inverted plan Endorsed: copied from Vacuum Brake Co drawing	7.8.07	1907	-	-	P-C	552	1
16100	Details of Steam Brake for Shunting Engine A	3" to 1' details of components and full size details of spring Endorsed: altered 2.9.07, 27.9.07 and 1.10.07	16.8.07	1907	200	-	PT-C	555	3
16110	Ash Box Dust Shield for Engines S46 Class	3" to 1' elevations and plan of shield of 1/16 th steel plate	25.7.07	1907	S46	D14	PB-C	545	2
16111	Ashbox Dust Shield for Bogie Engines T19 Class	3" to 1' elevations of dust shield Endorsed: altered 15.8.07	25.7.07	1907	T19	D13	PB-C	588	2
16140	Detachable Vanes for Spark Arrestors Engs. Classes S46, D56, F48, S69, T19 Belpaire, T19 Belpaire with Bogie, LM3780	3" to 1' elevation and section of vanes fitted to inside of smokebox door	20.11.07	1907	S46 D56 F48 S69 T19 T19	D14 D15 J16 B12 - D13	P-C	538	2
16146	Shackle for Testing Gripping Power of Vacuum Tubes in Boiler Plates	Full size elevations and plans of 4 components	16.8.07	1907	-	-	PT-C	546	2
16148	Sand Box Arrangement for Shunting Engine A	1 ½" to 1' elevations and plan showing sand box on footplate	4.9.07	1907	A	-	PT-C	560	1
16188	Arrangement of Superheater in Smokebox-Four Coupled Express Engines D56 Class	3" to 1' sectional elevations of smokebox showing superheater and header only	- .10.07	1907	D56	D15	P-C	557	1
16190	Six Wheels Coupled Tank Engines Type J69-Leading and Trailing Hornblock, Stay and Wedge	6" to 1' elevations and plan of hornblock Endorsed: for driving hornblock see Dg No 13718	- .6.29	1929	-	J69	PL	538	1
16196	Alteration to Brakework on Tenders Class H14 & Y17	1½" to 1' arrangement shown on outline of tender frame and 3" to 1; details of	- .9.07	1907	H14 Y17	-	PT-C	494	4
16200	Proposed Arrangement of Davies & Metcalfe's No 10 Special Injector Six Wheels Coupled Condensing Tank Engs. S56 Class	3" to 1' elevations and plan of arrangement Endorsed: cab Dg No 13652	20.9.07	1907	S56	J67 J69	PT-C	565	2
16203	Proposed Clips for Smokebox Doors	Full size elevation and section showing clip and fixing and 6" to 1' diagram showing	15.10.08	1908	S46 F48	D14 J16	PT-C	563	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16208	Ashbox Door Gear for Bogie Engines T19 Class	1½" to 1' arrangement and full size details of components Endorsed: altered 29.7.08; superseded see Dg No 16627 8.12.08	28.9.07	1907	T19	D13	BP-C	558	2
16209	Express and Goods Engines Classes T19 Belpaire, D56, S46, F48-Firebars	3" to 1' elevations of two types of bar	2.10.07	1907	T19 D56 S46 F48	D13 D15 D14 J16	PB-C	554	2
16213	Frame and Boiler Stay for Express Engines S46 Class with Boilers to Dg No 16089 and Dg No 16371	3" to 1' elevations and plan of stay and full size section showing method of fixing Endorsed: altered 19.2.08 and 29.11.08	- .10.07	1907	S46	D14	PT-C	576	3
16220	Cast Iron Liners for Steel Ashboxes	3" to 1' elevations and plan of liner	12.0.07	1907	-	-	P-C	583	1
16223	Four Wheels Coupled Shunting Engines 209 Class-Arrangement and Details of Spark arrestor	3" to 1' elevations and plan of arrestor within smoke box and 6" to 1' details of components Endorsed: altered 30.10.07 and 19.6.08	23.10.07	1907	209	J92	P-C	566	3
16226	Arrangement of Gresham's No 8 Special Injector-Six Coupled Condensing Tank Engines S56 Class	1½" to 1' elevations and plan of arrangement	16.10.07	1907	S56	J69	PT-C	556	1
16230	Four Wheels Coupled Bogie Tank Engine O61 Class-Blower Cock	Full size sectional elevations and plan of cock Endorsed: altered 21.7.11 for class S69; see attachment for blower for E72 and L77	- .10.07	1907	O61	-	PT-C	568	4
16230 Att	Four Wheels Coupled Express Engines Class D56-Alteration to Blower Cock for Engines fitted with Schmidt Superheater	Full size elevation and section of cock for engines L77, E72 and S69 Endorsed: altered 26.10.11 E72, L77 and D81 added	16.12.10	1910	D56	D15	PT-C	568	4
16234	Four Wheels Coupled Bogie Tank Engines 61 Class-Arrangement of Large Blower	1½" to 1' arrangement shown on outline elevation and part plan of engine	18.11.07	1907	61	-	PT-C	575	4
16236	Arrangement of Automatic Vacuum Brake	1" to 1' arrangement of pipework on lower part of tender	- .10.07	1907	T46	D14	PT-C	590	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16230	Tenders Classes T46, G53	Endorsed: superseded see Dg No 36784	8.10.07	1907	G53	D14	PT-C	509	
16237	Four Wheels Coupled Express Engines D56 Class-Steam Pipe Elbow for Superheater	Full size elevation, sections and plan of elbow Endorsed: for arrangement of superheater see Dg No 16188	8.11.07	1907	D56	D15	P-C	584	1
16245	Ironwork Details for Large One Horse Van D&P 9037	3" to 1' details of numerous components with table showing drawings numbers for additional details Endorsed: altered 27.9.09; for general arrangement see Dg No 16244	20.11.07	1907	D&P 9037	-	PT-C	603	2
16246	Engines D56 Class Fitted with Steel Ash Boxes-Gear for Working Ash Box Doors Separately	1½" to 1' arrangement of gear and full size details of components Endorsed: altered for engines fitted with cast iron ash boxes 19.3.08; altered 19.5.08 & 27.10.09; cancelled see Dg No 16790 for D56 class and Dg No 16246 Att for engines 1880 to 1900 9.11.09	11.07	1907	D56	D15	P-C	469	4
16246 Att	Alteration to Ash Ejector Gear to Suit Eng. 1800 to 1900 with CI Boxes	1½" to 1' arrangement of gear and full size details of components	12.08	1908	D56	D15	P-C	469	3
16251	Arrangement of Single Bolster Wagon F64 Class	1 ½" to 1' general arrangement of 12' single bolster wagon with elevations, plan and sectional plan Endorsed: superseded Dg No 19161 5.14	12.07	1907	F64	29W	P-C	465	1
16259	Six Wheels Coupled Goods Engines Class L52-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine showing arrangement Endorsed: altered 2.9.25	18.3.08	1908	L52	J16	P-C	491	4
16267 Ren	Arrangement and Details of Cab Door Class J68	1½" to 1' elevations and plan of cab and 3" to 1' and full size details of fittings Endorsed: altered 9.53	4.1.50	1950	-	J68	PL	480	1
16272	Safety Valve Seating	6" to 1' elevations, section and plan of seating	19.11.07	1907	-	-	PT-C	510	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16276	Belpaire Boilers T19 Class with Bogie-Additional Stays for Smokebox Tubeplate	1½" to 1' elevations showing position of stays and 3" to 1' details of stay Endorsed: altered 16.1.08 for D56 engines	15.1.08	1908	T19	-	PL-C	603	1
16279	Experimental Spark Arrestor	3" to 1' elevations of arrestor attached to inside of smokebox door	- .11.07	1907	-	-	PT-C	570	1
16286	20 Ton Loco Coal Wagon X61-Ironwork Details	3" to 1' details of components Endorsed: for class M73 and future classes see Dg No 18479 7.5.13; altered 12.5.09	9.4.08	1908	X61	46W	P-C	469	4
16294	Four Wheels Coupled Express Eng's. Class T19 Belpaire with G16 Bogie-Boiler	1½" to 1' elevations, sections and plan of boiler with full size details of riveting Endorsed: altered 10.10.08, 9.5.13 & 10.1.24	10.4.08	1908	T19	D13	P-C	481	4
16294 Att	Four Wheels Coupled Express Engines Class T19 with G16 Bogie-Alteration to Boiler for	1½" to 1' sectional elevations of boiler and tube plates	9.12.12	1912	T19	D13	P-C	481	2
16299	Foundation Ring for Boilers with Steel Fireboxes Class P55	3" to 1' elevation and plan of foundation ring and full size section of corner riveting	- .12.07	1907	P55	F4 F5	P-C	603	1
16303	Frame and Boiler Stay for Goods Engines Class F48 with Boilers to Dg No 16089	3" to 1' elevation of stay and full size details of fixing Endorsed: work to red dimensions for all engines except No 1170 to 1186 inclusive; boiler Dg No 16371 added to title 17.2.08	18.12.07	1907	F48	J16	PT-C	594	3
16307	Scheme for Applying Water to Rails from Engines (G58 Class)(1180)	1½" to 1' arrangement shown on outline of engine frame and full size details of cocks, clips and unions Endorsed: altered 31.7.08	12.12.07	1907	G58	J17	PL-C	486	2
16312	Spark arrestor for Shunting Engines A	3" to 1' sectional elevations of arrestor within smokebox and 6" to 1' details of components	19.12.07	1907	200	-	PT-C	572	2
16321	Four Coupled Bogie Express D56 Class-Arrangement and Details of Deeley's Patent Ash Ejector	3" to 1' arrangement with 6" to 1' details of fittings	20.12.07	1907	D56	D15	P-C	497	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16332	Four Wheels Coupled Express Engines Class T19 with Belpaire Boiler-Coupling Rod	Full size elevations and plan of rod 8'9" centres Endorsed: altered 8.33 and 5.3.41	19.2.08	1908	T19	D13	P-C	591	3
16354	Sight Feed Lubricators-Protectors for Dewrance Vacuum, Wakefield De Limon and Stones	Full size details of components for the protectors Endorsed: altered 4.1.09, 30.9.09 and 19.10.09	5.6.08	1908	-	-	P-C	574	4
16354 Att	Protector for Dewrance Vacuum and Wakefield Sight Feed Lubricators	Full size elevations and plan of protector	4.1.10	1910	-	-	P-C	574	3
16358	Bracket for Wakefield Two Pint Triple Sight Feed Lubricator	Full size details of bracket and 3" to 1' diagram showing pipes and lubricator Endorsed: altered 23.4.08; for alteration of pipes see Attachment 29.10.08	5.2.08	1908	-	-	PT-C	507	4
16358 Att	Sketch Showing Pipes for Wakefield's Two Pint Triple Sight Feed Lubricator	3" to 1' sketch of pipe arrangement and details of bracket for G69 class	30.10.08	1908	G69	F6	PT-C	507	2
16365 Ren	Four Wheels coupled Bogie Express Engs. Class S46, D56 and T19 Bogie-Cast Iron Ash Box	3" to 1' elevations, section and plan of box and 6" to 1' details of components Endorsed: altered 12.9.10	- .1.10	1910	S46 D56	D14 D15	PL-C	551	2
16370	Four Wheels Coupled Mixed Traffic Engines T26 Class-Arrangement of Fittings for Steam Carriage Heating Apparatus	1½" to 1' arrangement shown in relation to outline of engine Endorsed: altered 30.7.13 My comment: drawing badly damaged	18.2.08	1908	T26	E4	PT-C	537	4
16370 Att	Four Wheels Coupled Mixed Traffic Engines T26- Alteration to Steam Heating Pipes to Suit GN Type Elbow and Safety Valve	1½" to 1' elevations showing arrangement in cab	- .7.25	1925	T26	E4	PL	537	1
16371	Rebuilt Engines Classes F48-Boiler Fitted with Roof Bars and Double Riveted Corners	1½" to 1' elevations, sections and plan of boiler and firebox with full size details of riveting Endorsed: altered 30.10.13 and 14.1.24	6.3.08	1908	F48	J16	P-C	588	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16389	Arrangement and Details of Hatchway in Roof of Covered Goods Wagon	1½" to 1' sectional elevation and plan of centrally placed hatchway 5'2¾" x 3'6" opening and 3" to 1' details of ironwork. Timber covered with canvas following the profile of the roof Endorsed: 1 wagon to be fitted to LM4829	15.5.08	1908	-	47W	P-C	593	1
16393	Sketch Showing Position of Clothing Studs on Fireboxes of Engines Classes S46, F48 with Boilers to Dg Nos 16089 and 16371	1½" to 1' elevations and half section of fireboxes for goods and express engines Endorsed: altered 17.6.10	5.6.08	1908	S46 F48	D14 J16	PT-C	567	4
16398	Cast Iron Details for Electric Ignition for Incandescent Gas Lamps	Full size elevations and plans of 3 components Endorsed: SDO Dg No 3314, LM4822	- .3.08	1908	LM4822	-	PT-C	461	2
16402	General Details of Electric Ignition for Incandescent Gas Lamps	Full size elevation, sections and plans of 17 components Endorsed: for other details see Dg No 16398; copy of SDO Dg No 3317 drawn by FCDM	- .3.08	1908	LM4822	-	PC	540	2
16406	Lamp Arrangement and Wiring Diagram for Electric Ignition System	Full size elevation, plan and section of arrangement and 3/8" section and plan of showing wiring diagram for 5 compartment carriage My comment: refers to gas lit carriages Copy Dg No SDO 3318	25.3.08	1908	-	-	PT-C	594	2
16412	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire with G16 Bogie-Rod, Pipe and Clothing Arrangement	1½" to 1' elevation of engine and sectional plan Endorsed: altered 16.8.13, 11.1.32, 3.34 & 4.34	5.6.08	1908	T19	D13	P-C	500	3
16440	Bearing Spring for Four Wheeled 20 Tons Goods Brakes C65 Class	3" to 1' elevation and half plan and section of 10 plate spring 4' 4 ½" centres Endorsed: altered 7.10.08 & 15.2.09	21.5.08	1908	C65	56W	P-C	462	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16479	Experimental Ash Ejecting Blast Pipe for Engines D56 Class	3" to 1' elevation, section and plan of blast pipe My comment: part of drawing missing	27.5.08	1908	D56	D15	PT-C	491	4
16483	Ash Ejecting Blast Pipe with Steam Jets-Engines D56 Class	3" to 1' sections and plan of pipe and details of steam jet	5.6.08	1908	D56	D15	PC	548	2
16484	Diagram Showing Position and Method of Fastening Tool Box on Tank Engines	3" to 1' elevations showing position on tank tops and schedule of dimensions for various classes 27.7.08	15 .6.08	1908	-	-	P-C	486	4
16495	Four Wheels coupled Bogie Express Engines Class D56 and Coal Engines T67 Class, E72 and D81-Smokebox Door Arrangement	6" to 1' elevation and section of smokebox door Endorsed: for alterations see Dg No 19141 classes S69, L77 added	- .10.10	1910	D56 T67 E72 D81	D15 J17 J18 J20	PC	551	4
16496 Att	Joint Ring for Smokebox Door	Full size section of lower part of door and smokebox showing position of ring Endorsed: altered 22.7.13	7.1.13	1913	-	-	PT-C	551	3
16505	Bearing Springs for Ballast Brakes Class H64	3" to 1' elevation, section and plan pf 7 Plate Spring 5' 0" when straight My comment: drawing badly damaged	- .7.08	1908	H64	58W	PC	550	4
16509 Ren	Four Wheels Coupled Radial Tank Engines Class M15-Arrangement of Whitaker's	1½" to 1' arrangement shown on part outline elevation and plan of cab and 6" to	- .9.08	1908	M15	F4 F5	PL	603	1
16511	Eccentric Sheaves for Special Motion 1830 Eng and Last 5 D67 Engines and Four	Full size elevations of sheaves	22.10.09	1909	D56 D67	D15	P-C	503	2
16513	Four Wheels Coupled Bogie Express Engines D56 Class-Forward Eccentric Strap for	Full size elevations and plan of strap Endorsed: altered 26.6.13 & 15.12.21	20.10.07	1907	D56 D67	D15	P-C	464	2
16522	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Whitaker's Patent Tablet Exchange Apparatus	1½" to 1' arrangement of apparatus shown mounted on cab side and 6" to 1' and full size details of fittings Endorsed: altered 17.8.08 and 1.9.08	27.7.08	1908	T26	E4	PT-C	592	2
16523	Six Wheels Coupled Tank Engines T18 Class-Arrangement of Whitakers Patent Tablet	1½" to 1' elevations and plan of apparatus on lower part of cab of position of catcher	27.7.08	1908	T18	J66	PT-C	539	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16526 Ren	Four Wheels Coupled Express Engines D56 Class-Arrangement and Details of Starting Valve	1½" to 1' elevations of arrangement and 6" to 1' and full size details of rods and brackets Endorsed: for D56 with cast iron boxes work to red 26.10.09; work to blue dimensions for engines with Stones blast pipe; 1830 eng. to black, last 5 D67 Engs. to red and black My comment: original drawing dated 10.09	28.4.22	1922	D56	D15	PL-C	498	2
16538	Four Wheels Coupled Bogie Express Engines Class S46, D56 and T19 Bogie-Dust Shield for C.I. Ash Boxes	3" to 1' elevations and plan showing shields on outline of ash boxes	20.11.08	1908	S46 D56 T19	D14 D15 D13	PC	543	3
16548	Details of Whitaker's Patent Tablet Exchange Apparatus	6" to 1' details of components for various classes Endorsed: altered for J17 engines 18.6.42; for F3 engines 7.46; D16 undated; for tablet catcher see Dg No 35031 My note: print made about 1948	- .9.08	1908	-	D16 F3 J17	BP-L	574	2
16553	Cylinder Cocks for Engines of All Classes	Full size elevations and plans of various cocks for GER engine classes with table of dimensions Endorsed: altered 21.10.10 & .1.30	11.9.08	1908	-	-	PT-C	484	4
16554 Ren	Four Wheels Coupled Bogie Express Engines Class D56-Rod, Pipe & Clothing Details	1 ½" and 6" to 1' and full size details of numerous components Endorsed: altered 6.11.06 & 5.6.25	- .5.22	1922	D56	D15	PL-C	461	2
16558	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details of Gear for Driving Flaman's Speed Indicator	1½" to 1' arrangement shown on part elevations of cab and 3" to 1' and full size details of components	6.11.08	1908	D56	D15	P-C	568	3
16558 Att	(Details of a component for engine No 1862)	Full size details of component My note: this drawing is not numbered	-	-	D56	D15	CP	568	1
16566	Model Link Motion-Additional Details Required for trial of Isaacson's Patent Valve	3" and 6" to 1' details of 8 components Endorsed: altered 9.10.08	21.9.08	1908	-	-	PT-C	593	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16578 Ren	Six Coupled Tram Engines Class C53-Arrangement of Automatic Governing Gear	6" to 1' elevations and plan of gear, including speed recorder	3.3.21	1921	C53	J70	PL-C	598	1
16586	Alteration to Buffers on O19 Class 14 ton Machine Truck	Full size sectional elevation and section of self contained buffer length 1'5"	20.11.08	1908	-	25W	P-C	605	2
16589	Four Wheels Coupled Bogie Tank Engines Class S44-Bogie Spring	Full size half elevation, section and plan of 10 plate spring 3'2¼" centres unloaded Endorsed: altered 12.33; see Dg No 4079A for bogie spring for engs. Class E10, 0171 to 0184	17.12.08	1908	S44	G4	P-C	538	2
16595	Engines Type F4, F5, F6-Intermediate Hornblock, Axlebox and Keep	6" to 1' elevations, section and plan of components Endorsed: altered 10.3.43	19.8.33	1933	-	F4 F5 F6	PL	580	2
16604	Four Wheels Coupled Bogie Express Engines Class D56-Knowles & Wollaston's Patent Graphite Lubricator-Arrangement and Details	1½" to 1' arrangement shown in relation to outline elevations and plan of frame and 6" to 1' details of components Endorsed: altered 11.2.09, 28.11.09 and 1.8.11	20.11.08	1908	D56	D15	PT-C	569	4
16608	Cast Steel Roof Bars Engines Classes Y14, T19, T26, N31, C32	Elevations of 3 types of roof bar	19.11.08	1908	Y14 T19 T26 N31 C32	J15 D13 E4 J14 F3	P-C	464	2
16616	Bearing Spring for 14 Ton Machine Truck	Full size elevation and plan of 5 plate spring 3'1" centres unloaded	11.12.08	1908	-	-	P-C	569	4
16617	Six Wheels Coupled Tram Engines Class C53, C64-Details of Governing Gear	Full size elevations and plans of numerous components Endorsed: for other details see Dg No 13533	14.6.09	1909	C53 C64	J70	PT-C	560	4
16626	Six Wheels Coupled Tram Engines Class C53, C64, P75-Sping and Spring Gear Details	Full size half elevation and plan with section of 13 plate spring 3'0" centres leaded and details of gear Endorsed: altered 12.33	30.9.09	1909	C53 C64	J70	P-C	603	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
					P75				
16627	Ash Box Door Gear for Bogie Engines T19 Class (Fitted with Built Up C.I. Ash Boxes)	1½" to 1' arrangement shown on outline elevation of bogie and full size details of components of operating gear Endorsed: altered 16.2.09	- .12.08	1908	T19	D13	P	544	4
16639	T46 Class Tenders Fitted with Liquid Fuel Gear-Arrangement of Holders for Fire Irons	1½" to 1' elevations and plan of tender tank showing position of irons and 3" to 1' details of components Endorsed: altered 18.5.14 and 28.8.16; for tender tanks see Dg No 10915; liquid fuel tank see Dg No 10397 My comment: drawing is ornamented-for publication?	13.1.09	1909	T46	-	PT-C	549	2
16649	Four Coupled Radial Tank Engines Y65 Class-Leading and Trailing Wheels	Full size elevation and section of 10 spoke wheel 3'6" diameter on tread	22.12.08	1908	Y65	F7	P-C	603	2
16650	Motion Plate-Y65 Cast Steel	6" to 1' elevation, section and plan of plate and full size section of bulb	9.1.09	1909	Y65	F7	P-C	552	2
16651	Four Coupled Radial Tank Engines Y65 Class-Leading, Trailing and Crank Axles	3" to 1' elevations of crank axle and elevation of leading and trailing axles Endorsed: for intermediate axle see Dg No 14828	7.1.09	1909	Y65	F7	PC	544	2
16652	Four Coupled Radial Tank Engines Class Y65-Piston, Rod and Cylinder Cover	Full size elevations of assembly Endorsed: numerous alterations to 11.5.48			Y65	F7	PL	490	2
16653	Four Wheels Coupled Radial Tank Engines Y65 Class-Cylinders	3" to 1' elevations, sections and plan of cylinder Endorsed: altered 5.11.09 and 31.3.17	26.2.09	1909	Y65	F7	P-C	566	4
16654	Four Wheels Coupled Radial Tank Engines Y65 Class-Framing	1½" to 1' elevations and plan of framing and components Endorsed: altered 2.9.09 & 22.10.09	- .3.09	1909	T65	F7	P-C	469	2
16655 Ren	Four Wheels Coupled Radial Tank Engines Class Y65, F7-Boiler	1½" to 1' elevations, section and plan of boiler and full size details of riveted corners Endorsed: altered 5.29 and 6.32	- .7.32	1932	Y65	F7	BP-L	567	1

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16656	Four Wheels Coupled Tank Engines Class Y65-Reservoir Footplate	3" to 1' elevations, plan and section of cast iron footplate	13.1.09	1909	Y65	F7	PT-C	490	3
16657	Four Wheels Coupled Radial Tank Engines Class Y65-Expansion Bracket	6" to 1' elevation and plan of bracket and full size section showing attachment to firebox	10.2.09	1909	Y65	F7	P-C	564	3
16658	Four Wheels Coupled Tank Engines Class Y65-Foundation Ring	3" to 1' elevation and plan of ring and full size details of corner riveting	27.1.09	1909	Y65	F7	P-C	563	3
16659	Four Wheels Coupled Tank Engines Class Y65-Slide Bar	Full size elevations and plans of slide bar Endorsed: altered 24.7.39	27.1.09	1909	Y65	F7	PT-C	605	2
16661	Four Wheels Coupled Tank Engines Y65 Class-Safety Valve	3" to 1' elevation, section and plan of safety valve Endorsed: altered 5.22	23.4.09	1909	Y65	F7	P-C	538	3
16662 Ren	Four Wheels Coupled Tank Engs. Y65 Class-Arrangement of Radial Axlebox	3" to 1' elevations, sections and plan of assembly Endorsed: undated alteration for Y65 & A67 class only	5.7.09	1909	Y65	F7	P-C	489	4
16663	Four Wheels Coupled Tank Engines Class Y65-Blast Pipe	6" to 1' plans and section of pipe Endorsed: for experimental blast pipes see Dg No 16983 and 16984 3.2.11	5.4.09	1909	Y65	F7	P-C	561	2
16664	Four Wheels Coupled Radial Tank Engines Class Y65-Slide Vale	Full size elevations and plan of valve Endorsed: altered 15.6.16	9.3.09	1909	Y65	F7	P-C	564	2
16665	Four Wheels Coupled Radial Tank Engines Y65-Driving and Intermediate Hornblocks	6" to 1' elevations of hornblocks and details of components Endorsed: altered 13.3.09 & 1.12.25	18.2.09	1909	Y65	F7	PC	494	4
16666	Four Coupled Radial Tank Engines Y65 Class-Chimney	6" to 1' elevation, section and plan 3' 5 7/8" from smokebox wrapper plate	9.2.09	1909	Y65	F7	P-C	586	2
16667	Four Wheels Coupled Radial Tank Engines Y65 Class-Cab, Tanks and Coal Bunker	1½" to 1' elevations and plan of components Endorsed: numerous alteration to 11.34; for A67 and future engines see Attachment 18.8.09	11.4.09	1909	Y65	F7	PC	541	4
16667	Four Wheels Coupled Radial Tank Engines	1½" to 1' elevations and plan of cab and bunker and full size details of two components							3

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Four Wheels Coupled Radial Tank Engines A67 Class Y65-Alteration to Cab, Tanks and Coal Bunker	Endorsed: altered 1.9.09, 3.4.25 and 3.4.25; for engines working auto trains at Palace Gates bunker rails to be added to make total height above plate 1' 9" 19.2.34	12.8.09	1909	A67	F7	PC	541	
16668 Ren	Four Wheels Coupled Tank Engines Y65 Class-Valve Spindle	Full size elevation and plan of spindle Endorsed: altered 2.8.21 My comment: the wing date is correctly recorded	12.8.21	1921	Y65	F7	PL-C	587	2
16669	Four Wheels Coupled Radial Tank Engines Y65 Class- Smokebox	3" to 1' sectional elevations of smokebox and cylinders Endorsed: undated alterations	5.4.09	1909	Y65	F7	P-C	586	4
16670	Four Wheels Coupled Radial Tank Engines Class Y65-Ashpan Arrangement	3" to 1' elevations and plan of ashpan Endorsed: for group standard firebars see Dg No 26384E and Attachment; for details see Dg No 16671	27.4.09	1909	Y65	F7	P-C	567	3
16671	Four Wheels Coupled Radial Tank Engines Class Y65-Ashpan Details	3" to 1' and full size details of components 30.9.14 for auto train engines	27.4.09	1909	Y65	F7	P-C	586	3
16672	Four Wheels Coupled Tank Engines Class Y65-Reversing Shaft and Bracket	Full size elevations and plan of bracket	22.3.09	1904	Y65	F7	P-C	475	3
16673	Four Wheels Coupled Radial Tank Engines Y65 Class-Springs	3" to 1' elevation, section and plans of 4 different spring types Endorsed: altered 24.6.09 and 12.33	21.4.09	1909	Y65	F7	P-C	584	3
16674	Four Coupled Radial Tank Engines Class Y65-Driving and Intermediate Axlebox	Full size elevations and plan of axlebox Endorsed: altered 23.3.20 and 26.1.28	25.3.09	1909	Y65	F7	PC	530	3
16675	Four Wheels Coupled Radial Tank Engines Class Y65-Tank Connecting Pipe	6" to 1' elevation and section of pipe Endorsed: altered for class A67 11.8.09	- .4.09	1909	Y65	F7	P-C	492	2
16676	Four Wheels Coupled Radial Tank Engines Y65 Class-Arrangement and Details of Spark	3" to 1' sectional elevations of smokebox showing arrestor and 6" to 1' details of	28 .4.09	1909	Y65	F7	P-C	579	3
16677	Four Wheels Coupled Radial Tank Engines	3" to 1' elevations and sections of windows and full size details of components	17.4.09	1909	Y65	F7	P-C	558	3

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16677	Class Y65-Front and Back Cab Windows	Endorsed: altered 14.6.16; for front and back windows A67 class see Dg No 16736 10.7.09	17.4.09	1909	Y65	F7	P-C	558	
16678	Four Wheels Coupled Radial Tank Engines Class Y65-Cab Side Windows	3" to 1' elevations and sections of windows and full size details of components Endorsed: altered for engines class A67 9.8.09; altered 15.10.09	17.4.09	1909	Y65	F7	P-C	564	3
16679	Cast Steel Driving and Intermediate Wheels Y65 Class	3" to 1' elevations and sections of wheels 4'10" diameter on tread	17.3.09	1909	Y65	F7	PC-C	527	2
16680	Four Wheels Coupled Tank Engines Y65-Coupling Rod and Crank Pin	Full size elevations and plan of rod and pin Endorsed: altered 20.12.30, 8.33, 5.3.41 and 25.10.48	18.3.09	1909	Y65	F7	PC	540	3
16681	Four Wheels Coupled Radial Tank Engines Class Y65-Tank Stays	Full size elevations, section and plan of tank stays and 3" to 1 sectional end elevation showing position in relation to boiler Endorsed: altered 9.6.09 & 18.6.09	6.5.09	1909	Y65	F7	P-C	469	3
16682	Four Wheels Coupled Radial Tank Engines Y65 Class-Indicating Gear	3" to 1' arrangement of gear shown on part elevation of engine with details of components	26.6.09	1909	Y65	F7	PT-C	536	2
16683	Four Wheels Coupled Radial Tank Engines Class Y65-Frame and Boiler Stay	Full size details of stay and 3" to 1' section and plan showing position	20.4.09	1909	Y65	F7	P-C	480	2
16684	Four Wheels Coupled Radial Tank Engines Class Y65 Type F7-Details of Boiler Stays	Full size elevations of 6 types of stay Endorsed: altered 1.7.32 and 4.7.32	23.4.09	1909	Y65	F7	PC	531	3
16685	Four Wheels Coupled Radial Tank Engines Y65 Class-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine	24.6.09	1909	Y65	F7	P-C	580	2
16686	Four Wheels Coupled Radial Tank Engines-Rod, Pipe and Clothing and Ejector Details Class Y65	Full size details of numerous components Endorsed: various alterations to 25.5.10	26.5.09	1909	Y65	F7	P-C	592	3
16686 Att	Steam Cock for Sight Feed Lubricator and Pressure Gauge Tank Engines Class Y65	Full size elevations of cock	22.9.09	1909`	Y65	F7	PT-C	592	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16687	Four Wheels Coupled Radial Tank Engines Class Y65-Arrangement of Spring Gear	3" to 1' elevations and plans of spring gear for all pairs of wheels Endorsed: altered 21.6.09; for details see Dg No 16688 14.5.09	- .5.09	1909	Y65	F7	P-C	579	2
16688	Four Wheels Coupled Radial Tank Engines Class Y65-Spring Gear Details	Full size elevations and plans of numerous components Endorsed: altered 14.10.09	13.5.09	1909	Y65	F7	P-C	488	4
16690	Four Wheels Coupled Radial Tank Engines Class Y65-Reversing Shaft	Full size elevations of shaft and 3" to 1' arrangement	21.4.09	1909	Y65	F7	P-C	554	3
16691	Four Wheels Coupled Radial Tank Engines Y65 Class-Arrangement and Details of Reversing Gear	3" to 1' arrangement of gear and full size details of shaft	29.4.09	1909	Y65	F7	PC	541	2
16692	Four Wheels Coupled Radial Tank Engines Y65 Class-Reversing Screw Bracket	Full size elevations, section and plan of bracket, screw and index plate Endorsed: altered 24.5.09 and 2.12.09	4.5.09	1909	Y65	F7	P-C	557	2
16693	Four Wheels Coupled Radial Tank Engines T65 Class-Cab, Tank and Bunker Details	3" to 1' and full size elevations and plans of components Endorsed: altered 11.5.09; for class B74 12.6.13	8.5.09	1909	T65 B74	J17 Y4	PL-C	495	2
16695	Four Wheels Coupled Radial Tank Engines Y65 Class-Driving Sand Box-Arrangement and Details	6" to 1' elevations and plan of sand box and details of components Endorsed: for sand box details see Dg No 16698	28.4.09	1909	Y65	F7	PB-C	528	2
16696	Four Wheels Coupled Tank Engines Y65 Class- Details of Radial Axlebox	3" to 1' details of components Endorsed: altered 10.6.09, 22.6.09, 4.11.09 & 17.12.14	- .4.09	1909	Y65	F7	P-C	464	4
16697	Four Wheels Coupled Radial Tank Engines Y65 Class-Trailing Sandbox	3" to 1' elevations, sections and plan of sandbox and components	4.5.09	1909	Y65	F7	PC	531	2
16698	Four Wheels Coupled Radial Tank Engines Class Y65-Cylinder Cock and Sanding Gear Details	1½", 3" and 6" to 1' and full size details of numerous components Endorsed: altered 1.9.09	11.5.09	1909	Y65	F7	PC	522	3
16699	Four Wheels Coupled Tank Engines Class Y65-Brake Arrangement	1½" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered 23.9.09 and 25.4.21	8.5.09	1909	Y65	F7	P-C	539	4
16699 Att	Arrangement of Additional Westinghouse Pump on Auto Train Engine	1½" to 1' arrangement shown on outline elevations of upper part of engine and plan	30.10.14	1914	-	-	PL-C	539	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16700	Four Wheels Coupled Radial Tank Engines Y65 Class-Brake Gear Details	3" to 1' details of numerous components Endorsed: altered 27.7.21, 23.3.26 and 13.7.33	14.5.09	1909	Y65	F7	P-C	571	3
16702	Buffer Spindle and Guide-Tenders S23 and T46 Classes	Full size elevations and plan of components	1.1.10	1910	S23 T46	-	PT-C	592	2
16711	Vacuum Ejector with Auxiliary Application Valve-Arrangement on Boiler for Engines Class D56	6" to 1' arrangement of ejector with details Endorsed: altered 23.9.09	24.6.09	1909	D56	D15	P-C	573	2
16712 Ren	 Tool Box for Engine Tenders	6" to 1' elevations and plan of box 2'6" x 1'3" x 1'4 1/4" deep and full size details of fittings Endorsed: work to red for large tool box for tenders classes A53 and R43, also for large tool box for tenders class T46 see Dg No 11447; altered 24.2.26	17.12.20	1920	-	-	PL-C	545	3
16717	Four Wheels Bogie Express Engines Class D56, D67, Coal Engines F48-Blast and Exhaust Pipes	3" to 1' sections and plan of components 18.10.11; see Dg No 23278 for K85 21.12.20; altered 8.7.12 My comment: parts of drawing missing	16.6.09	1909	D56 D67 F48	D15 J16	PT-C	594	4
16717 Part	Blast and Exhaust Pipes	3" to 1' sectional elevations of pipes	- .11.19	1919	-	-	TP	594	1
16719	Arrangement and Details of Apparatus for Consuming Smokebox Ashes D56	3/4" to 1' part sectional side elevation showing arrangement and full size details of components	16.6.09	1909	D56	D15	P-C	465	1
16721 Ren	 Six Wheels Coupled Bogie Express Engines Class 1500 Type B12-Oil Cup and Oil Pipe for Lubricating Saddle Pins	Full size elevations and plan of assembly Endorsed: altered 18.4.56 for N7 class My comment: original drawing dated 7.5.19	18.4.56	1956	S69	B12 N7	P	599	1
	Four Wheels Coupled Radial Tank Engines	3" to 1' arrangement and full size details of components							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16728	Class P55-Arrangement and Details of Trailing Sandbox	Endorsed: altered for G69 6.2.11 and for L77; also see Dg No 23162 for trailing sandbox L77 class 14.3.21	- .7.09	1909	P55	F5	PT-C	492	
16733	Four Wheels Coupled Bogie Express Engines Class D56-Wakefield's Patent Mechanical Lubricator-Arrangement and Details	1½" to 1'; arrangement of lubricator shown in relation to part outline plan of engine and 6" to 1' and full size details Endorsed: altered 14.1.10 and 30.6.39	22.7.09	1909	D56	D15	PT-C	575	4
16733 Att	Alteration to Pipes, etc. for Wakefield's Mechanical Lubricator on Engs. D56 Class	1½" to 1' elevation and plan of pipework connected to lubricator	- .7.10	1910	D56	D15	P-C	575	3
16736	Four Wheels Coupled Radial Tank Engines A67 Class-Front and Back Cab Windows	3" to 1' elevation of cab windows and full size details of hinges and fittings Endorsed: altered 28.10.09 and 14.6.16	- .8.09	1909	A67	F7	P-C	564	3
16736 Att	Catches for Cab Windows A67	Full size elevations of catches	7.12.09	1909	A67	F7	PT-C	564	4
16763	Four Wheels Coupled Bogie Express Engines D56- Slide Valve Special Experiment-Loco No 1830	Full size section of slide valve Endorsed: for other dimensions see Dg No 11644; for engines with balanced slide valves see Dg No 19065 14.5.19	22.10.09	1909	D56	D15	PT-C	602	3
16763	Experimental Slide Valves-Four Wheels Coupled Bogie Express Engines D56 (1850 Class)	Full size section of valve Endorsed: 1 engine to be fitted with valve to this LM 4902; for other dimensions see Dg No 11644;	14.7.08	1908	D56	D15	TI-C	602	2
16779	Four Wheels Coupled Bogie Engs. Belpaire D56 Class-Alteration from Steam Sanding to Air Sanding Gear with GER Sanding Valve on Right of Regulator	3" to 1' elevations and plan showing arrangement showing gear on boiler back head	19.5.09	1909	D56	D15	PT-C	490	4
16790	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Cast Iron Ash Box Gear	1½" to 1' arrangement on outline of engine and full size details of components Endorsed: altered 15.4.10	29.11.09	1909	D56	D15	P-C	473	3
		Full size section of trap with details of components							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16802	Alteration to Sand Trap	Endorsed: altered 22.11.09; one express engine and one coal engine to be fitted for trial	30.9.09	1909	-	-	P-C	584	
16816	Air Sanding Valve for Engines D56 Class	Full size sectional elevation and plan of valve Endorsed: altered 15.6.09 & 12.8.09	- .3.09	1909	D56	D15	PL-C	464	4
16816 Att	Six Wheels Coupled Bogie Express Engines Class A73-Air Sanding Valve	Full size elevation, section and plan of valve	16.12.12	1912	A73	B12	P-C	464	3
16823	Main Line Parcels Vans D66	1" to 1' general arrangement of 31' 4 1/2" 6 wheel van Endorsed: altered 30.6.09, 6.1.12 & 11.3.13	- .4.09	1909	D66	39M	P-C	480	4
16827	T19 Class Belpaire Engines without Bogies-Ash Box Dust Shield	6" to 1' elevations and plan of shield	10.5.09	1909	T19	-	PT-C	499	3
16838	Four Wheels Coupled Bogie Express Engines Class B66-Air Sanding Arrangement	3" to 1' elevations and plan of sanding gear within engine cab Endorsed: see Attachment for A73	8.5.09	1909	B66	D15	P-C	598	2
16838 Att	Six Wheels Coupled Bogie Express Engines Class A73-Air Sanding Arrangement	3" to 1' elevations and plan of gear within cab Endorsed: class D56 added 16.4.20; altered 14.9.23 and 27.10.24	24.12.12	1912	A73	B12	P-C	598	2
16861	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of Steam Heating Apparatus	1 1/2" to 1' arrangement of apparatus on outline of engine and full size details Endorsed: for steam heating pipe arrangement on 1500 class tenders see Dg No 22360 26.11.20 My Comment: drawing in appalling condition	8.7.09	1909	D56	D15	P-C	472	4
16861	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of Steam Heating Apparatus	1 1/2" to 1' arrangement of apparatus on outline of engine and full size details Endorsed: for steam heating pipe arrangement on 1500 class tenders see Dg No 22360 26.11.20 My Comment: drawing in appalling condition	8.7.09	1909	D56	D15	BP	472	4
16861	Four Wheels Coupled Bogie Express Engines	1 1/2" to 1' arrangement of pipework	7.7.25	1925	D56	D15	PL-C	472	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Class D56-Alteration to Steam Heating Pipe	1 1/2" to 1' arrangement of pipework	1.7.23	1923	D56	D15	PL-C	472	
16872 -1	Arrangement of 17Ft 10 Ton Open Goods Wagon	1 1/2" to 1' elevations and half plans of body and channel steel underframe of open wagon My comment: has Monarch door control gear and open type brake lever rack Endorsed: 50 of M68 to this	30.8.10	1910	M68	55W	P-C	587	2
16874	Four Wheels Coupled Bogie Express Engs. Class D56-Alteration from Steam Sanding to Air Sanding Gear on Engs. With GER Sanding Valve Left of regulator	3" to 1' arrangement shown on outline elevations and plan of boiler head Endorsed: for arrangement of air sanding gear on future D56 class engs. See Dg No 16838	1.2.09	1909	D56	D15	PT-C	547	2
16922 Ren	Four Wheels Coupled Bogie Express Engines Class D56 (D15)-Brake Details	3" to 1' and full size details of numerous components	1.6.27	1927	D56	D15	BP-L	593	2
16922 Att	Four Wheels Coupled Bogie Express Engines Class D56 Rebuilt with 5'0" Diameter Boilers	6" to 1' details of a bracket, 2 per engine	12.2.23	1923	D56	D15	PL-C	593	2
16922	Four Wheels Coupled Bogie Express Engines Class D56-Vacuum Brake Details	6" to 1' details of 6 components	1.1.15	1915	D56	D15	PL-C	593	2
16927	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement of Special Motion as Fitted to Engine No 1830	3" to 1' side elevation of motion only and full size elevation of reversing gear index Endorsed: last 5 of D67 engines also to be fitted to this	29.11.09	1909	D56	D15	PC	537	2
16931	Foundation Ring (with 2 Copper Set Bolts) Classes Y14, T19, T26, N31, C32	3" to 1' elevation and plan of foundation ring	1.10.09	1909	Y14 T19 T26 N31 C32	J15 D13 E4 J14 F3	PT-C	524	4
16936 Ren	Frame Details of 4 Wheeled Bogies for Carriages	3" to 1' details of numerous components	11.10.18	1918	-	-	P	604	2
16941	Four Wheels Coupled Tank Engines Class	3" to 1' elevation and plan of ring with full size details of corner riveting	11.11.09	1909	D56	E4	PT-C	532	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16941	P55-Foundation Ring	Endorsed: see Dg No 17602 for G69 17.1.11	11.11.09	1909	P55	F4	PT-C	552	
16943	Engines Classes S46, D56, T19 Belpaire, F48, G58, S69, E72, D81-Firebars	3" to 1' elevations and plans of two types of firebar	29.8.10	1910	S46 D56 T19 Bel F48 G58 S69 E72 D81	D14 D16 - J16 J17 B12 J18 J20	P-C	603	2
16972 Ren	Four Wheels Coupled Bogie Express Engines D56 Class (D67) First Five-Arrangement of Stones Patent Blast Pipe and Details of Gear	3" to 1' arrangement of gear in cab and smokebox and details of components Endorsed: altered 2.12.12	- .1.10	1910	D56	D15	PL-C	558	1
16974	Four Wheels Coupled Bogie Express Engines D56 Class-Application of 'Detroit' Sight Feed-Arrangement and Details	1½" to 1' outline side elevation of cab and full size sections of steam chest stud and union, 3" to 1' section showing position of stem chest plug	- .1.10	1910	D56	D15	PT-C	467	4
16976	Four Wheels Coupled Radial Tank Engines Class P55-Arrangement of Steam Heating Apparatus	1½" to 1' arrangement of apparatus shown on part elevation and plan of engine and full size details of fittings My comment: drawing badly damaged	- .1.10	1910	P55	F4	PL-C	511	4
16976 Att	Four Wheels Coupled Radial Tank Engines Class P55-Alteration to Steam Heating Pipes	1½" to 1' arrangement shown in relation to front part of boiler	- .10.24	1924	P55	F4	PL-C	551	2
16976 Att	Alteration to Position of Steam Cock and 'Mason' Valve-Engines Class G69 and P55 with 180 Lbs Boilers	1½" to 1' arrangement of steam cock and full size details of lamp holder and fitting Endorsed: for other details see Dg No 16976	15.1.12	1912	G69 P55	F6 F4	PT-C	551	4
16985	Four Wheels Coupled Bogie Express Engines Class D56-Casting for New Pattern Sand	Full size elevations and plan of casting Endorsed: altered 3.3.10	3.2.10	1910	D56	D15	P-C	491	2
16987	Four Wheels Coupled Radial Tank Engines P55 Class-Cab Windows, Front and Back-Arrangement and Details	3" to 1' arrangement of windows and full size details of fittings	- .2.10	1910	P55	F4	PT-C	604	4
16989	Four Wheels Coupled Radial Tank Engines	1½" to 1' side elevation of cab, tank and bunker with full size details of brackets	24.2.10	1910	P55	F7	PT-C	468	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16992	P55 Class-Arrangement of Cab (Y65 Type)	Endorsed: altered 2.5.12; coal rail appartures filled 2.4.25; for tanks and coal bunker see Dg No 15011	24.3.10	1910	P55	F7	PT-C	409	
16993	Cast Iron Condensing Vent Pipe Four Wheels Coupled Radial Tank Engine P55 Class	3" to 1' elevations and plan of pipe in relation of outline elevation of cab end	22.3.10	1910	P55	F4	PT-C	523	2
16997	Four Wheels Coupled Radial Tank Engines Class P55-Rod, Pipe, Clothing and Brake Arrangement	1" to 1' arrangement shown on side and elevations and plan of engine showing position of equipment Endorsed: altered 5.9.11 and 30.4.36	- .4.11	1911	P55	F4 F5	P-C	544	4
17016	Diagram Showing Position of Mud Plug Ferules on Lagging at Back of Firebox	1½" to 1' elevations of 3 fireboxes showing position for various classes Endorsed: for detail of ferules see Dg No 16554	- .9.09	1909	-	-	P-C	594	1
17173	Six Wheels Coupled Goods Engines Class F58 (F48)-Arrangement of Dry Sanding Gear	1½" to 1' arrangement shown on outline elevations and plan of engine My comment: a renewal print	- .10.10	1910	F58	J16	P	598	1
17189 Ren	Four Wheels Coupled Radial Tank Engines Class G69-Connecting Rod	Full size part elevations, section and plan of rod 5'11½" centres and 3" to 1' elevation of complete rod Endorsed: see Attached drawing for new straps 21.1.26; altered 26.5.22, 7.4.23, 6.4.25 and 5.6.25	24.11.21	1921	G69	F6	BP-C	599	2
17189 Att	Engines Type F6 GE Class G69-Connecting Rod Strap with Wire Trimmed Oil Box	Full size sectional elevation and plan of strap Endorsed: altered 6.4.27, 1.8.35 and 23.4.41	20.1.26	1926	-	F6	PL-C	599	2
17201 Ren	Six wheels Coupled Bogie Express Engines Type B12, Class S69-Framing Arrangement	1 ½" to 1' elevations and plan of framing Endorsed: altered 5.34; for alteration to outside framings for engines with 5'6" diameter boiler see Dg No 30390; for alteration to this frame to suit cylinders to Dg No 29864 see Attachment	- .9.31	1931	S69	B12	BP-L	570	2
17201	Six Wheels Coupled Bogie Express Engines	2" to 1' details of 6 plates	7.11	1911	S69	B12	BP-L	570	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Part	Class S69 Type B12-Flange Plates for	3" to 1' details of 6 plates	5.7.11	1911	S69	B12	BP-L	570	
17201 Att	Alteration to Frame to Suit Cylinders to Dg No 29864E Engines Type B12	1½" to 1' elevation of frame above bogie	-.2.35	1935	-	B12	BP-L	570	1
17202	Six Wheels Coupled Bogie Express Engines Class S69 Type B12-Bogie Arrangement	3" to 1' elevations, sections and plan of bogie 6'6" centres Endorsed: altered 24.3.20 , 20.7.34 and 5.39	26.6.11	1911	S69	B12	P-C	557	3
17204	Six Wheels Coupled Bogie Express Engines Class S69-Intermediate and Trailing Wheels	3" to 1' elevation and section of 20 spoke wheel 6' diameter and full size section through tyres Endorsed: for profiles of tyres see Dg No 17284 20.1211	5.7.11	1911	S69	B12	P-C	569	2
17205	Six Wheels Coupled Bogie Express Engines-Crank Axle	3" to 1' elevations of axle Endorsed: see Dg No 19803 for B78 24.3.15	26.1.11	1911	S69	B12	P-C	564	2
17212 Ren	Six Wheels Coupled Bogie Express Engines S69, E72, D81 Coal Engines-Connecting Rod	Full size elevations and sections of rod and 1½" to 1' elevation of complete rod Endorsed: numerous alterations to 23.4.41; for attachments to Dg No 17212 and for new rods see Dg No 25692	-.6.21	1921	S69 E72 D81	B12 J18 J20	PL-C	559	3
17213 Ren	Engines Types B12/3. J19/2, J20/1-Crosshead	3" to 1' elevations and plan of crosshead and plan of bottom liner Endorsed: altered 1.11.57	-.6.31	1931	-	B12/3 J19/2 J20/1	P	567	1
17216 Ren	Engines Type B12-Driving Axlebox and Hornblock	6" to 1' elevations, sections and plan of components Endorsed: altered 6.45; for future hornblocks see Dg No 34243	-.7.42	1942	-	B12	BP-L	555	3
17216 Part	Sketch Showing Proposed Method of Fitting Oiler Pad to Engines Type B12/3 Driving	6" to 1' sections of oiler pad	-	-	-	B12/3	PL	555	1
17216	Six Wheels Coupled Bogie Express Engines S69 Class Driving Hornblock	6" to 1' elevations, sections and plan of hornblocks Endorsed: numerous alterations	-.5.10	1910	S69	B12	PT-C	598	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	S69 Class-Driving Hornblock	My comment: drawing in very poor condition							
17216 Att	Six Wheels Coupled Express Engines Class S69-Alteration to White Metal of Driving	Full size elevation of white metal Endorsed: altered 7.25	22.4.15	1915	S69	B12	PL-C	598	2
17216 Att 2	Lubrication of Driving Hornblocks Engines Class B12	6" to 1' elevations and plan of hornblock Endorsed: altered 20.11.34	22.4.25	1925	S69	B12	PL-C	598	2
17217	Six wheels Coupled Bogie Express Engines Class S69-Bogie Pin and Stretcher	3" to 1' elevation and plan of component Endorsed: altered 27.10.11	23.5.11	1911	S69	B12	PC	532	3
17219	Six Wheels Coupled Bogie Express Engines Class S69 and Goods Engines Class D81-Foundation Ring	3" to 1' elevation and plan of ring and full size details of corner riveting Endorsed: altered 24.10.11 and 4.3.19	19.5.11	1911	S69	B12	P-C	583	2
17220	Six Wheels Coupled Bogie Express Engines S69 Class-Reservoir Footplate	3" to 1' elevation, plan and sections of footplate Endorsed: altered 31.5.11, 26.5.11 & 15.10.12	- .7.10.	1910	S69	B12	P-C	463	4
17220 Ren	Six Wheels Coupled Bogie Express Engines Type B12-Reservoir Footplate	3" to 1' elevation, sections and plan of footplate Endorsed: altered 9.11.36	- .11.36	1936	-	B12	PL	574	3
17221	Six Wheels Coupled Bogie Express Engines Class S69-Smokebox	3" to 1' sectional side and end elevation of smokebox and cylinders Endorsed: altered 21.12.21; for arrangement of smokebox for 1500 class engines fitted with Robinson superheaters see Dg No 22350 22.11.20	- .10.11	1911	S69	B12	P-C	556	4
17221 Att	Alteration to Superheater Damper Gear to Suit Six Wheels Coupled Bogie Express	3" to 1' arrangement of damper and 6" to 1' details of components	- .3.14	1914	A72	B12	PL-C	556	3
17222 Ren	Six Wheels Coupled Goods Engines Type J20 (Class D81)-Six Wheels Bogie Express Engines Type B12 (Class S69)-Boiler	1½" to 1' elevations, sections and plan of boiler with 6" to 1' details of riveting Endorsed: altered 27.1.33	- .1.33	1933	D81 S69	J20 B12	BP-L	578	2
17222 Part	Six Wheels Coupled Bogie Express Engines Class S69, D81-Flanged Boiler Plates	1½" to 1' details of 5 flanged plates Endorsed: altered 30.8.11	3.5.11	1911	S69	B12	P-C	578	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17225	Six Wheels Coupled Bogie Express Engines S69 Class, E72, D81-Vale Bushing for Piston Valve	Full size elevations, sections and developments of steam ports Endorsed: altered 5.11.13, 30.3.16, 4.10.20, 22.11.20 & 3.11.21	- .3.11	1911	S69	B12	P-C	462	3
17226	Six Wheels Coupled Bogie Express Engines Types B12, J18, J19, J20-Valve Chest Covers	Full size section and elevation of cover Endorsed: altered 30.8.32; for back steam chest covers for cylinders of engines fitted with 6 1/16" valve travel motion see Dg No 29566, engine No 8559 7.11.31	3.3.11	1911	-	B12 J18 J19 J20	BP-L	588	3
17228	Six Wheels Coupled Bogie Express Engines S69 Class, E72, D81-Back Cylinder Cover with United States Metallic Packing	Full size elevations and sections of cover and packing Endorsed: altered 6.1.12, 25.3.16 and 29.5.22	2.8.11	1911	S69 E72 D81	B12 J18 J20	P-C	561	4
17229	Six Wheels Coupled Express Engines Class S69-B12 and Coal Engines Classes E72-J19 and D81-J20-Piston and Rod	Full size elevations of components Endorsed: numerous alteration to 9.51; superseded see Dg No 38112E 9.53	5.3.36	1936	S69 E72 D81	B12 J19 J20	PL-	571	3
17230	Six Wheels Coupled Bogie Express Engines S69 Class and L77, E72-Relief Valve for Cylinders	Full size sections and plan of gunmetal valve Endorsed: altered 3.12.47	11.4.19	1919	S69	B12	BP-L	556	2
17230	Six Wheels Coupled Bogie Express Engines S69 Class-Relief Valve Cylinders	Full size sections and elevations of valve Endorsed: altered 5.3.20 and 21.6.36	23.8.11	1911	S69	B12	P-C	574	4
17233	Six Wheels Coupled Bogie Express Engines S69 Class-Cast Steel Header for Schmidt Superheater	6" to 1' elevation, sections and plan of header	7.3.11	1911	S69	B12	P-C	466	3
17234	Six Wheels Coupled Bogie Express Engines S69-Bogie Wheel	6" to 1' elevation and section of 10 spoke wheel 2'9" diameter and full size section of tyre and rim 3'0" diameter on tread	29.3.11	1911	S69	B12	P-C	565	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: for profile of tyres see Dg No 17284 20.12.11							
17235 Ren	Six Wheels Coupled Bogie Express Engines Type B12 (Class S69) Six Wheels Coupled Goods Engines Type J18, 19 & 20-Cast Steel Motion Plate	3" to 1' elevations and section with full size section of beading Endorsed: altered 4.38; cancelled see Dg same number	27.11.31	1931	-	B12 J18 J19 J20	BP-L	483	1
17235 Ren	Six Wheels Coupled Bogie Express Engines Type B12 (Class S69)-Six Wheels Coupled Goods Engines Types J18, 19 & 20-Cast Steel Motion Plate	3" to 1' elevation, section and plan of motion plate and full size section of beading Endorsed: see Dg No 30008 for clearance in beading	- .9.38	1938	-	B12 J18 J19 J20	PL-C	506	3
17236	Six Wheels Coupled Bogie Express Engines Class S69-Driving Wheels	3" to 1' elevation and section of 20 spoke 6'0" diameter driving wheel and full size section through tyre Endorsed: altered 8.10.13	5.7.11	1911	S69	B12	PC	536	2
17238	Six Wheels Coupled Bogie Express Engines Class S69-Spring Brackets and Shields	Full size elevations, plan and section of two components	23.5.11	1911	S69	B12	P-C	595	3
17239 Ren	4-6-0 Engines Type B12 (Class S69)-Intermediate Hornblock	6" to 1' elevations, section and plan of hornblock Endorsed: altered 27.4.28 & 20.11.34	7.12.33	1933	-	B12	BP-L	501	2
17240	Six Wheels Coupled Bogie Express Engines S56, B78-Eccentric Sheaves	Full size elevations of sheaves Endorsed: numerous alteration to 10.10.52; classes B78 and D81 added	- .5.11	1911	S56 E78 D81	B12 J20	P-C	594	3
17241 Ren	Six Wheels Coupled Express Engines Type B12, J18-20-Eccentric Straps and Rods	Full size elevations, plan and section of components Endorsed: for B12 engines built by Beyer, Peacock see Dg No 27087; for future eccentric straps see Dg No 31841; altered 5.12.33 & 8.33	24.5.35	1935	-	B12 J18 J19	PL-C	500	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
						J20			
17242 Ren	Six Wheels Coupled Bogie Express Engines Class S69-Coupling Rods and Crank Pins	6" to 1' elevations, plans and sections of components Endorsed: numerous alterations to 25.10.48	14.2.16	1916	S69	B12	PL-C	590	4
17243 Ren	Six Wheels Coupled Express Engines Type B12 (Class S69) and Six Wheels Coupled Goods Engines Type J18 (Class E72), J20	Full size details of components	19.10.31	1931	-	B12 J18 J20	P	592	1
17244 Ren	Six Wheels Coupled Bogie Express Engines Class S69-Bogie Details	6" to 1' elevations and plans of numerous components Endorsed: several alterations to 5.39	11.2.20	1920	S69	B12	PL-C	525	3
17245 Ren	Six Wheels Coupled Bogie Express Engines Type B12 (Class S69) and D14-16 with 9 ½" Dia Piston Valves, Six Wheels Coupled Goods Engines Type J18 (Class E72) and Types J19 and J20-Cast Steel Brackets for Motion Plate	6" to 1' and full size elevations, sections and plan of components Endorsed: altered 4.1.15	- .12.31	1931	-	B12 D14 D15 D16 J18 J19 J20	BP-L	529	2
17245 Att	Six Wheels Coupled Bogie Express Engines Type B12, Six Wheels Coupled Goods Engines Type J18-20-WroughtIron Bracket for Motion Plate	6" to 1' elevations and plan of bracket Endorsed: altered 3.36; 'wrought iron' in title replaced by 'steel'	25.5.14	1914	-	B12 J18 J19 J20	BP-L	529	1
17247	Six Wheels Coupled Express Engines S69 Class, Goods Engines D81 Class-Boiler Stays	Full size details of various stays Endorsed: altered between 22.1.20 & 24.7 51	14.7.11	1911	S69 D81	B12 J20	P-C	465	3
17248	Six Wheels Coupled Express Engines S69 Class-Trailing Axle	3" to 1' elevation of 6' 1¼" axle with journal centres 3' 11"	31.5.11	1911	S69	B12	P-C	482	2
17249	Six Wheels Coupled Bogie Express Engines S69 Class-Brake Arrangement	1" to 1' arrangement of brakework on outline elevations and plan of engine Endorsed: altered 27.8.31; see Dg No 22369 and Attachment and Dg No 22380 for further details 4.6.20	9.9.11	1911	S69	B12	P-C	579	3
	Six Wheels Coupled Bogie Express Engines	6" to 1' elevation and plan of assembly							4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17251	Six Wheels Coupled Bogie Express Engines Class S69-Reversing Shaft	Endorsed: altered for engines fitted with gear for ejecting smokebox ashes see Dg No 224622 6.2.20	4.8.11	1911	S69	B12	P-C	565	
17252	Six Wheels Coupled Bogie Express Engines Class S69 B12 Belpaire, D14-16-Bogie Spring	3" to 1' elevation, section and plan of 11 plate spring 4' 1" unloaded Endorsed: altered 15.10.15	13.7.11	1911	S69	B12	P-C	558	3
17253 Ren	Details of Motion B12/3, J19, J20	Full size details of 4 components Endorsed: for other details of motion see Dg No 17243	7.7.53	1953	-	B12/3 J19 J20	PL	570	1
17256	Six Wheels Coupled Express Engines Class S69-Spring Arrangement	3" to 1' elevation and plan of springs and hangers	16.8.11	1911	S69	B12	P-C	558	2
17257	Six Wheels Coupled Express Engines Class S69-Blast Pipe and Steam Pipe Connection	6" to 1' sections and plan of blast pipe and full size elevations and plan of connection Endorsed: altered 5.3.20, 22.3.20 and 15.10.24; see Dg No 23312 for cast iron steam pipe connection 1.1.21	13.10.11	1911	S69	B12	P-C	558	4
17258	Six Wheels Coupled Bogie Express Engines B12 Class S69-Spring Gear Details	Full size details of 5 components Endorsed: altered 6.3.24, 7.25 and 2.2.35	25.8.11	1911	S69	B12	P-C	575	3
17259	Six Wheels Coupled Express Engines Class S69-Motion Arrangement	6" to 1' elevation and plan of motion including cylinders and piston valves Endorsed: superseded by Dg No 22354 22.11.30	16.8.11	1911	S69	B12	P-C	555	4
17260	Six Wheels Coupled Express Engines Class 1500-Cab Splashers	1½" to 1' elevations and plan of cab and splashers Endorsed: altered 14.9.21 and 11.2.22	20.5.20	1920	S69	B12	PL-C	559	2
17261	Six Wheels Coupled Bogie Express Engines S69 Class-Chimney	Full size half section and elevation of chimney and 3" to 1' plan of base showing position of bolt holes Endorsed: altered 1.8.11; steel inner base not required cast iron chimney hood to be used see Dg No 16717	18.7.11	1911	S69	B12	P-C	565	2
17262	Six Wheels Coupled Bogie Express Engines S69 Class D81 Safety Valve	Full size sections and elevations of valve	30.9.11	1911	S69	B12	P-C	578	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	S69 Class, D81-Safety Valve	Endorsed: altered 5.22							
17263 Ren	Six Wheels Coupled Express Engines Class S69 Type B12-Expansion Bracket	6" to 1' elevation of bracket and full size details of fixing	- .6.31	1931	S69	B12	BP-L	587	2
17264	Six Wheels Coupled Express Engines Class S69-Reversing Arrangement	1½" to 1' arrangement shown on part elevation and half plan of engine Endorsed: altered 16.4.14	12.9.11	1911	S69	B12	P-C	565	3
17266 Ren	Six Wheels Coupled Bogie Express Engines Class S69-Type B12-Ashpan Details	6" to 1' and full size details of numerous components	-	-	S69	B12	PL	577	2
17271	Six Wheels Coupled Bogie Express Engines Class S69-Steam Superheating Elements for Schmidt Superheater	3" to 1' elevations of elements with full size details of ends Endorsed: altered for E72 class	17.11.11	1911	S69 E72	B12 J18	P-C	566	3
17272	Six Wheels Coupled Express Engines Class S69-Cab Front Windows	3" to 1' elevations of windows and full size details of components Endorsed: altered 15.12.11 and 15.12.4.19 for D81 class	22.9.11	1911	S69	B12	P-C	552	4
17276	Six Wheels Coupled Bogie Express Engines S69 Class-Frame and Boiler Stay	3" to 1' elevations of stay and full size details of fixing to frame	13.10.11	1911	S69	B12	PL-C	586	3
17277 Ren	Six Wheels Coupled Bogie Express Engines 1500 Class-Rod, Pipe, Clothing, Steam Heating,, Mechanical Lubricating and	1½" , 3" and 6" to 1' and full size details of 74 components Endorsed: altered 29.10.25 and 23.7.30	- .5.22	1922	S69	B12	PL-C	558	3
17278 Ren	Six Wheels Bogie Express Engines Type B12-Cylinder Cock Details	Full size details of numerous components Endorsed: altered 26.4.28 for engine Nos 8671 to 8580; altered 2.35	17.5.35	1935	-	B12	PL	589	3
17279	Six Wheels Coupled Bogie Express Engines Class S69-Westinghouse Exhaust Pipe, Sight and Elbow	Full size details of components	25.10.11	1911	S69	B12	P-C	560	3
17280	Six Wheels Coupled Express Engines Class S69-Arrangement of Rod, Pipe and Clothing, Mechanical Lubrication, Cylinder Cock Gear, Injector Gear, Ash Pan Gear and Steam Heating Gear	1½" to 1' elevations and plan of engine showing arrangement of equipment Endorsed: numerous alterations to 30.6.39	11.12.11	1911	S69	B12	PC	550	4
17280 Att 2	Six Wheels Coupled Express Engines Class S69-Alteration to Steam Heating Pipe for	1½" to 1' arrangement shown in relation to rear part of frame	26.3.15	1915	S69	B12	PL-C	550	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17280 Att	Arrangement for Fitting S69 Class Engines with Wakefield's Patent Mechanical Lubricator No 7 Pattern	1½" to 1' elevation and plan of arrangement Endorsed: altered 30.6.39	11.9.14	1914	S69	B12	PL-C	550	2
17280 Att 3	Six Wheels Coupled Bogie Express Engines Class 1500-Alteration to Position of	1½" to 1' outline elevation of bogie and arrangement of oil box	-0.221	1921	S69	B12	PL-C	550	2
17281	Six Wheels Coupled Express Engines Class S69-Footboard	1½" to 1' sections and elevations of footboard and 3" to 1' details Endorsed: altered 29.7.12, 13.1.27 and 24.1.42	17.11.11	1911	S69	B12	P-C	556	3
17283	Wood Backing for Barometer Gauge and Asbestos Packed Joint in Smokebox for Pyrometer Tubing Engines D56, T19 & S69 Classes with Schmidt Superheater	Full size details and sections of components Endorsed: altered for class E72 12.8.12	11.12.11	1911	D56 T19 S69	D15 D13 B12	PT-C	580	3
17284	Six Wheels Coupled Bogie Express Engines Class S69-Tyre Sections for Driving, Trailing	Full size sections of 3 tyres Endorsed: altered 30.5.12	21.12.11	1911	S69	B12	PT-C	561	4
17302	Six Wheels Coupled Tank Engines Class C72, G75-Chimney	6" to 1' elevation and section and half plan of chimney Endorsed: for chimney top G75 class see Dg No 11582 16.10.13	13.3.12	1912	C72 G75	J68	PT-C	564	2
17323	Six Wheels Coupled Tank Engines Class C72-Arrangement of Cab	1½" to 1' elevations of cab and plan of tank Endorsed: for alteration to cab roof see Dg No 23142 22.11.20; for dimensions of tank and bunker see Dg No 13652; altered 10.5.12 and 6.4.25	13.3.12	1912	C72	J68	P-C	564	2
17389	Protector for Standard Round Cab Back Windows	Full size elevations of windows protected by 7 bar attachments	7.3.10	1910	-	-	PT-C	561	3
17405	Four Wheels Coupled Tank Engines Class P55-Knowles and Wollaston's Patent Graphite Lubricator-Arrangement and Details	1½" to 1' arrangement shown on part outline of frame and 6" to 1' details of components Endorsed: and for goods engines J15 class, see also attachment 20.7.11; altered 8.6.11	1.4.10	1910	P55	F4 F5	PT-C	560	3
17405 Att	Graphite Lubricator-Additional Fitting for Steam Pipe to Suit Goods Engs. Y14 Class	3" to 1' arrangement of fitting shown in relation to steam pipe	- .6.11	1911	Y14	J15	PT-C	560	2
17405	Tank Engines Class P55 and Goods Engines	1½" to 1' arrangement of altered gear and			P55	F4			3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Class Y14-Arrangement and Details of Alteration to Gear for Knowles and	1½" to 1' arrangement of altered gear and 3" to 1' details of components	6.11.12	1912	Y14	F5 J15	P-C	560	
17413	Four Wheels Coupled Tank Engines Class G69-Arrangement and Details of Cab Doors	1½" to 1' arrangement and 3" to 1' details of components Endorsed: work to green for P55 class with cab to Dg No 16992 2.5.12; work to yellow for L77 class 29.10.14; see Dg No 21977 for L77 class 11.3.21 My note: part of drawing missing	14.2.11	1911	G69 P55 L77	F6 F4 F5 N7	PT-C	559	4
17426	Four Wheels Coupled Tank Engines Class G69-Chimney	6" to 1' elevation, section and half plan of brass capped chimney	26.1.11	1911	G69	F6	PT-C	546	2
17428	Sketch Showing Proposed Alteration of Cab on Engines T26 Class (for Repairs Only)	1½" to 1' side elevation and section showing strengthening piece to base of cab	30.4.10	1910	T26	E4	PL	488	3
17429	End View of Roof over Yard, Temple Mills	¼" to 1' end elevation of 6 bay roof and ¾" and 3" to 1' details of components for strengthening roof members and columns Endorsed: all these columns to be put up to clear tram roads 10.5.10 Supplementary Dg No SDO 3711	- .4.10	1910	-	-	PT-C	542	2
17445	Six Wheels Coupled Coal Engines T67-Cast Steel Engine Wheels	3" to 1' elevations and section of driving wheel and of leading and trailing wheel 4' 4" diameter on rim with 15 spokes and full size sections through rim and tyre Endorsed: altered 7.10.13	6.8.10	1910	T67	J17	PC	549	3
17468	Four Wheels Coupled Radial Tank Engines Class Y65-Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement on outline elevations and part plan of engine 3" to 1' and full size details of components and fixings	- .6.10	1910	Y65	F7	P-C	567	4
17473	Arrangement of Stones Patent Recorder Four Wheels Coupled Bogie Express Engines D56 Class	1½" to 1' arrangement of recorder shown on footplate of engine and 3" to 1' details of componenets	1.7.10	1910	D56	D15	PT-C	606	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17507	Screw Down Steam Valve for Sanding Gear for Engs. F4 Class	Full size elevations and sections of valve	12.8.10	1910	G63	F4	P-C	474	3
17509	Six Wheels Coupled Tank Engines Class T18-Arrangement and Details of Wakefield's Mechanical Lubricator for Lubricating Axleboxes	1½" to 1' arrangement and 6" to 1' details of components	19.8.10	1910	T18	J66	P-C	559	3
17510	Six Wheels Coupled Tank Engines T18 Class-Arrangement and Details for Wakefield's Patent Mechanical Lubricator	1½" to 1' arrangement and 6" to 1' details of components Endorsed: altered 30.6.39	16.8.10	1910	T18	J66	PC	541	2
17513	Gauges for Wagon Wheel and Axle with 10" x 5" Journals	Full size elevations of gauges	26.1.14	1914	-	-	PL-C	589	2
17518	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of Steam Heating Pipe to Leading End	1½" to 1' gear shown on outline elevation and plan of engine and frame with full size details of components Endorsed: numerous alterations	7.10.14	1914	D56	D15	P-C	562	4
17520 Ren	Six Wheels Coupled Express Engines B12 Class-Brake Details	1½", 3" and 6" to 1' details of numerous components Endorsed: various alterations to 4.1.55 My comment: original drawing date 7.11	-	-	-	B12	BP-L	594	3
17525	Four Wheels Coupled Bogie Express Engines D56 Class, E72-Cast Steel Header for	6" to 1' sections and plan of header Endorsed: altered 30.2.11 and 6.1.13	3.2.11	1911	D56	D15	P-C	568	2
17526	Four Wheels Coupled Express Engines D56 Class, E72-Alteration to Boiler for Schmidt Superheater	1½" to 1' outline elevation of boiler and elevations of each end of boiler showing arrangement of tubes Endorsed: altered 13.6.12 for E72 and 21.12.21	1.11.10	1910	D56	D15	PL	550	3
17527	Four Wheels Coupled Bogie Express Engines Class D56-Alteration to Boiler to Suit 'Swindon' (GWR) Superheater	3" to 1' elevations of tube plates and outline sectional side elevation of boiler Endorsed: altered 2.12.10, 30.12.10 & 18.10.11; for other dimensions see Dg No 13688	- .9.10	1910	D56	D15	P-C	467	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17528	Four Wheels Coupled Bogie Express Engines Class D56-Blast Pipe for Engines Fitted with Schmidt Superheater	6" to 1' section, elevation and plan of blast pipe	17.11.10	1910	D56	D15	P-C	580	2
17529	Four Wheels Coupled Bogie Express Engines D56 Class-Smokebox for Engines with Schmidt Superheater	3" to 1' elevation and section of smokebox showing arrangement of superheater Endorsed: see Dg Nos 17539 and 17540 for Schmidt superheater damper and automatic gear; altered 31.1.11 and 21.12.21	19.12.10	1910	D56	D15	P-C	564	4
17530	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Superheater and Superheater Engines F48 Class-Piston Rod and Nut	Full size section of rod and elevations of nut Endorsed: tail rods not required 13.8.14; altered 20.10.25 and 11.5.48	2.12.10	1910	F48	J16	PT-C	553	3
17531 Ren	Engs. Class D15/2, D16, D16/3 with Slide Valve and J17- Slide Bar	3" to 1' and full size elevations and plans of bar and full size arrangement of fittings	- .4.47	1947	-	D15/2 D16 D16/3 J17	BP-L	466	1
17532	Four Wheels Coupled Bogie Express Engines Class D56-Smokebox Details for Swindon (GWR) Superheater	3" to 1' section, elevation and plan of blast pipe and 6" to 1' details of pipes, flanges and unions Endorsed: altered 3.2.11 and 20.2.11	2.12.10	1910	D56	D15	PT-C	542	3
17533 Part	Six Wheels Coupled Tank Engines Class N7-Back Cylinder Cover	6" to 1' section, elevation and plan of cover Endorsed: altered 27.11.31	30.12.24	1924	-	N7	PL	551	1
17534	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Superheater-Details of Metallic Packing and Casing for Valve Spindle for G58 Class with Superheater	Full size details of numerous components	2.11.10	1910	D56	D15	PL	561	1
17536	Four Wheels Coupled Bogie Express Engines D56 (1850) Class Fitted with Superheater-Arrangement of Metallic Packing and Tail	6" to 1' elevations and sections My note: drawing in very poor condition and parts missing	17.11.11	1911	D56	D15	P-C	553	4
17536 Att	Four Wheels Coupled Bogie Express Engines D56 Class Fitted with Superheater-	3" to 1' arrangement of valves	8.12.10	1910	D56	D15	P-C	53	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17536 Att	Four Wheels Coupled Express Engines Class D56-Arrangement of Lubricator Pipes to Cylinders, Port Faces and Steam Chest Covers	3" to 1' arrangement of pipes in relation to section of cylinder and valve Endorsed: altered 5.1.23	- .1.18	1918	D56	D15	PL-C	553	3
17537	Four Wheels Coupled Bogie Express Engines Class D56, D15, 16, J17 Fitted with Superheater-Cylinder Cocks	Full size elevation, section and plan of cock Endorsed: altered 25.6.19 and 8.1.30	- .4.20	1920	D56	D15 D16 J17	PL	560	1
17538	Tee Piece for Steam Pipe Connections for D56 Class Engines with Schmidt Superheater	6" to 1' sections and elevations of piece Endorsed: altered 22.10.28 for engines with steam tight joints to Dg No 27647E (lenticular shaped rings)	26.1.11	1911	D56	D15	PT-C	560	2
17539	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details of Damper for Schmidt Superheater	3" arrangement of damper and 6" to 1' details of components Endorsed: alterations for class S69, E72	- .5.15	1915	D56	D15	PL-C	462	2
17539 Att	Six Wheels Bogie Express Engines Class S69-Arrangement of and Additional Details for Superheater Damper Gear	3" to 1' arrangement and 6" to 1' details of components Endorsed: alterations for S69 & E72 engines	31.10.11	1911	S69	B12	PL-C	462	2
17539 -2	Six Wheels Coupled Coal Engines Class E72-Arrangement of Damper Gear	3" to 1' elevation and plan of gear	30.8.12	1912	E72	J18	PL-C	462	2
17540	Four Wheels Coupled Bogie Express Engines D56 Class, T19, E72 Coal Engs, S69-Details of Automatic Gear for Schmidt Superheater Damper	Full size elevations, sections and plan of numerous components Endorsed: alterations for various classes	- .5.15	1915	D56 T19 E72	D15 D13 J18	PL-C	541	3
17540 -1	Six Wheels Coupled Bogie Express Engines Class S69-Additional Details for Automatic Gear of Superheater Damper	6" to 1' and full size details of 4 components Endorsed: for E72 see Attachment Dg No 17540-2	31.10.11	1911	S69	B12	PT-C	541	2
17540 -2	Six Wheels Coupled Coal Engines Class E72-Details of Automatic Gear for Schmidt Superheater	6" to 1' and full size details of 3 components Endorsed: altered 4.12.13	29.8.12	1912	E72	J18	PT-C	541	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17541	Four Wheels Coupled Bogie Express Engines Class D56-Smokebox Arrangement for 'Swindon' (GWR) Superheater	3" to 1' sectional elevations and half plan of smoke box and arrangement of superheater Endorsed: altered 13.2.12	- .2.11	1911	D56	D15	P-C	475	4
17549 Ren	Driving and Trailing Sand Box for Dry Sanding Gear-J17 and J19/2	3" to 1' elevation, section and plan of sand box and 6" to 1' details of operating lever	- .1.54	1954	-	J17 J19/2	PL	544	1
17557	Deflecting Plate	Full size plan of plate and 3" to 1' arrangement shown in relation to firehole Endorsed: for store order tracing see Dg No 17558	3.10.10	1910	-	-	PT-C	554	3
17560	Express Engines Class T19 with Belpaire Firebox-Arrangement of Steam Heating Pipe to Leading End	1½" to 1' arrangement of pipe on outline of frame and full size details of fittings	- .9.10	1910	T19	D13	P-C	560	4
17563	Arrangement of Spark Arrestor and Stones Patent Blast Pipe on Four Wheels Coupled Express Engines D56 Class	3" to 1' sectional elevations of smokebox showing arrangement Endorsed: gear altered, for details see Dg No 16972 20.12.12; for details of superheater engines see Dg No 19080 10.5.15	3.2.11	1911	D56	D15	P-C	588	2
17565	12 ½ Inch Destination Board and Bracket	6" to 1' elevations of board 3'0" between brackets and 12 ½" deep and 3" to 1' elevation showing position on smokebox door Endorsed: altered 30.6.37	26.1.11	1911	-	-	PT-C	567	2
17568 Ren	Six Wheels Coupled Goods Engines Class G58-J18, D81-J20, H80-J17-Details of Dry Sanding Gear	3" and 6" to 1' and full size details of numerous components Endorsed: altered for H80 class	31.10.22	1922	G58 H80 D81	J18 J17 J20	PL-C	561	3
17568 Att	Details of Dry Sanding Gear D81-J20	3" and 6" to 1' details of components Endorsed: altered 2.3.20 and 7.35	16.2.20	1920	D81	J20	PT	561	2
17571	Six Wheels Coupled Goods Engines Class Y14-Arrangement and Details of Variable Blast Pipe VBP Co	1½" to 1' arrangement of blast pie in smokebox and 3" and 6" to 1' details of components Endorsed: one for trial	6.12.10	1910	Y14	J15	PB	564	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17575	Four Wheels Coupled Tank Engines Class G69-Cast Steel Wheels	3" to 1' elevation and section of 16 spoke wheel 4' 10" diameter on rim	21.2.11	1911	G69	F6	P-C	578	2
17576	Four Wheels Coupled Tank Engines Class G69-Crank Axle	3" to 1' elevations of axle	2.10.10	1910	G69	F6	P-C	570	1
17581	Arrangement of Holes in Copper Tube Plates for 4'9" Boilers	3" to 1' elevations of tubeplates for Belpaire boilers, 282 tubes, S46, 274 tubes and Belpaire, 287 tubes	25.1.11	1911	-	-	P-C	597	1
17582	Express Engines Class S46 with Vacuum Brake-Tee Piece for Steam Sanding Valve and Steam Heating Valve	Full size elevations of tee piece	1.11.10	1910	S46	D14	PC	514	2
17584	Four Wheels Coupled Express Engines Class S46-Arrangement of Steam Heating Apparatus for Engines with Vacuum Brake	1½" to 1' arrangement shown in cab and full size details of fixing bracket Endorsed: altered 17.1.12; for arrangement of steam heating pipe on tender see Dg No 16861	15.11.10	1910	S46	D14	P-C	563	3
17589 Ren	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement of Steam Heating Pipe to Leading End	1½" to 1' arrangement shown on outline elevations and plan of frame and full size details of clips and fitting Endorsed: also for class C32	1.9.24	1924	T26 C32	E4 F3	PL-C	564	2
17598	Details of Ironwork for Bogie Suburban Trains Classes Y68, A, B, C & D69	3" and 6" to 1' details of numerous components with schedule of quantities per set Endorsed: numerous alterations	- .1.11	1911	Y68 A69 B69 C69 D69	104C 300C 237C 236C 542C	P-C	561	4
17601	Four Wheels Coupled Radial Tank Engines Class G69-Boiler	1½" to 1' sectional elevations and plan of boiler and tubeplate and full size details of riveting Endorsed: altered 14.1.24 and 9.25; superseded by new drawing same number	10.1.11	1911	G69	F7	P-C	553	4
17601	Four Wheels Coupled Radial Tank Engines No. 1 Class Type 56 Boiler	1½" to 1' elevations, sections and plan of boiler and 6" to 1' enlargements of riveting details	19.5.32	1932	-	F6	P-L	562	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-1 Ren	NO 1 Class Type F6-Boiler	Endorsed: altered 9.25, 4.31 and 5.32 My note: date of original drawing 1.20							
17602	Four Wheels Coupled Tank Engines Class G69-Foundation Ring	3" to 1' plan of ring and full size sections and details of riveting and stays Endorsed: altered 12.7.17	13.1.11	1911	G69	F6	PT-C	467	2
17603	Tank Engines Type F6 (Class G69)-Details of Boiler Stays and Expansion Bracket	Full size elevations and plans of components Endorsed: these stays not required for boilers altered to Dg No 31335	19.7.33	1933	G69	F6	PL	468	1
17604	Four Wheels Coupled Tank Engines Class G69-Ash Pan	3" to 1' elevations and plan of ash pan with details of components Endorsed: altered 29.7.30	13.2.11	1911	G69	F6	P-C	569	3
17609 Ren	Engines Types F5 and F6-Driving Axlebox	Full size elevations, plan and sections of box	29.7.36	1936	-	F5 F6	BP-L	591	2
17611	Four Wheels Coupled Tank Engines G69 Class Type F6-Eccentric Sheaves	Full size elevation and section of sheave and 3" to 1' elevation showing sheaves in relation to crank Endorsed: altered 30.10.30	19.12.10	1910	G69	F6	P-C	552	2
17612	Four Wheels Coupled Tank Engines Class G69-Tank Stays	Full size elevations and section of stays and method of fixing	3.2.11	1911	G69	F6	PT-C	576	3
17633	Four Wheels Coupled Tank Engines Class G69-Cab, Tanks and Coal Bunker	1½" to 1' elevations and plan of components Endorsed: numerous alterations up to 8.36; for alteration to cab roofs see Dg No 23144 22.11.20	19.1.11	1911	G69	F6	P-C	467	4
17633 Att	Arrangement of Tank Protection Plates for G69 Engines Only Nos 61 to 70	1½" to 1' elevations and sections showing plates inside tank	20.7.11	1911	G69	F6	PT-C	467	1
17642	Four Wheels Coupled Tank Engines Class G69-Arrangement of Condensing Gear	1½" to 1' arrangement shown on outline of engine Endorsed: condensing gear not required except on engines fitted with trip cock gear 18.5.36	10.3.11	1911	G69	F6	PT-C	561	3
17666	Four Wheels Coupled Bogie Express Engines D56 Class Fitted with Superheater-Arrangement and Details for Wakefield's	1½" to 1' arrangement of lubricator shown on part outline of engine and full size details of components	- .2.21	1911	D56	D15	PL-C	604	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	Arrangement and Details for Wakenfield's Mechanical Lubricator	Endorsed: altered 19.2.14, 7.11.17 and 2.38							
17666 Att Ren	Alterations to Pipes to Suit Check Valves D56 Class	1½" to 1' arrangement of pipes	- .10.21	1921	D56	D15	PL-C	604	2
17685	Four Wheels Coupled Radial Tank Engines Class G69-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and part plan of engine Endorsed: altered 15.1.12 and 30.4.36	22.3.11	1911	G69	F6	P-C	590	3
17712	Four Wheels Coupled Tank Engines Class G69-Arrangement of Water Gauge	1½" to 1' arrangement of gauge in relation to outline of cab and bunker Endorsed: altered for L77 15.12.14	10.3.11	1911	G69 L77	F6 N7	P-C	603	3
17720 Att	Six Wheels Coupled bogie Express Engines S69 Class-Alteration to Bottom of Footplate	3" to 1' part side elevation and plan of casting	- .5.11	1911	S69	B12	PT-C	463	2
17732	Details of Bearing and Keyplate for GER Iracier Axlebox for Tenders 11 Ins by 5½ Ins Journal	Full size elevations and plan of components Copied from Patent Axlebox & Foundry Co plan	- .3.11	1911	-	-	PT-C	492	2
17733	Arrangement of Low One Horse Lorry D&P921	1½" to 1' general arrangement of lorry 14'2" length over body to carry 2 tons 10 cwt Endorsed: altered 11.2.30	11.5.11	1911	D&P 921	-	P-C	601	1
17735	Special Steel Axlebox for Tenders with 11" x 5 ½" Journals	Full size elevations, sections and plan of axlebox marked 'The Patent Axlebox & Foundry Co Ltd, Wood & Carson's Patent Iracier Axlebox No 23746 of 1906 Wolverhampton' Endorsed: a set of these axleboxes fitted for trial to No 1792 tender 27.3.11 Copy of Patent Axlebox & Foundry Co drawing	25.3.11	1911	D56	D15	PT-C	563	2
17737	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear for Leading Sand Box	Full size elevation and sectional elevation showing arrangement of gear Endorsed: for other dimensions of sand box see Dg No 11490	- .3.11	1911	D56	D15	P-C	593	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17737 Att	Four Wheels Coupled Express Engines Class D56-Plan of Leading Sand Box showing	Full size plan of gear and sectional view of flange	9.6.11	1911	D56	D15	P-C	593	1
17738	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear for Trailing Sandbox	Full size arrangement of gear shown on sectional elevation and plan of sandbox Endorsed: altered 14.12.11	19.5.11	1911	D56	D15	P-C	604	1
17750	Six Wheels Coupled Goods Engines Class F48 & G58-Arrangement of Lambert Water	Full size sectional elevations and plan showing arrangement within sand box	- .6.11	1911	F58 G58	J16 J17	P-C	508	2
17751	Six Wheels Coupled Goods Engines Class F48 and G58-Arrangement of Water	Full size sectional elevations of sand box showing arrangement of gear	18.5.11	1911	F48 G58	J16 J17	P-C	554	3
17751 Att	Six Wheels Coupled Goods Engines Class F48 and G58-Plan of Bottom of Driving Sand	Full size plan and details of two components	18.5.11	1911	F48 G58	J16 J17	P-C	554	2
17752	Six Wheels Coupled Goods Engines Class F48 & G58-Arrangement of Lambert Water	Full size elevations showing gear within sand box	5.5.11	1911	F48 G58	J16 J17	P-C	493	2
17758	General Arrangement and Details of Dampers for Core Ovens in New Iron Foundry	3" to 1' elevations of dampers and 6" to 1' details of brackets, hooks and wheels Supplementary Dg No SDO 4068	8.7.11	1911	-	-	PT-C	548	2
17772	Apparatus for Cleaning Superheater Flues	Full size elevation and section of steam lance and connections Endorsed: altered 20.10.21	- .5.11	1911	-	-	P-C	470	3
17782	Six Wheels Coupled Goods Engines Class G58-Arrangement of Lambert Water Sanding Gear	1½" to 1' arrangement of gear on outline of engine and 3" to 1' details of fixings	10.5.19	1911	G58	J17	P-C	476	3
17783	Four Wheels Coupled Tram Engines Class G15-Arrangement and Details of Gear for Releasing Westinghouse Brake	1½" to 1' arrangement of gear shown on part of engine and full size details of gear	14.6.11	1911	G15	Y6	PC	547	3
17794	Four Wheels Coupled Bogie Express Engs. Class S46-Air Sanding Arrangement	3" to 1' arrangement of valve and pipework shown on outline sections of boiler backplate Endorsed: engines Nos 1880-1900 not to be fitted with air sanding	7.6.11	1911	S46	D14	PC	549	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17803	Four Wheels Coupled Bogie Tank Engines S44 Class-Arrangement of 'Lewis' Water Level Indicator	1½" to 1' elevations and plan showing arrangement of indicator in back part of side tank and 6" to 1' details of bracket	26.6.11	1911	S44	G4	P-C	599	2
17818	Proposed Arrangement of Gas Fittings on Standard 50Ft Carriage Underframes	¾" to 1' outline side elevation and plan of underframe showing position of gas cylinders, regulator and pipework Endorsed: altered 20.5.12	3.7.11	1911	-	-	IP-C	479	1
17826	Steam Whistle Caledonian Type	6" to 1' elevations and section of whistle	13.7.11	1911	-	-	P-C	474	2
17866	Six Wheels Coupled Tank Engines Class S56- Knowles and Wollastons Patent Graphite Lubricator-Arrangement and Details	1 ½" to 1' arrangement shown on outline elevations of front of engine and 6" to 1' details of components Endorsed: altered 19.12.11 and 27.11.12; for full details see Dg No 18259	13.10.11	1911	S56	B12	PT-C	546	2
17874	Arrangement and Details of Accumulator Boxes for Electric Lighting and Heating of Saloon R69	3" to 1' elevations, sections and plan of accumulator boxes and details of components Endorsed: altered 19.12.11	17.11.11	1911	R69	29C	P-C	571	2
17897	Standard Tyre Sections	Full size sections for engine and tender, carriage and wagon with Mansell rings and wagons with Gibson rings	14.8.12	1912	-	-	P-C	556	2
17903	General Arrangement and Details of Cast Iron Plates for Floor of Core Ovens in Iron Foundry	3/8" to 1' plan of large and small oven floors and 1 ½" plans and elevations of individual plates Supplementary Dg No SDO 4173	18.10.11	1911	-	-	PT-C	519	1
17927	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear	1½" to 1' arrangement of gear on outline elevations and plan of engine and full size details of brackets and connection	15.12.11	1911	D56	D15	P-C	585	2
17928	Blast Pipe Top for Engines Fitted with Swindon Superheater	Full size section, elevation and plan of casting	15.3.12	1912	-	-	P-C	567	1
17927	Ironwork Details for One Horse Van	2" to 1' details of numerous components	6.12.11	1911	D&P	-	P-C	468	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
17957	D&P1469	3" to 1' details of numerous components	6.12.11	1911	1469		P-C	408	
17950	Six Wheels Coupled Goods Engines Class B70 (Y14Class)-Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement shown on part elevations and plan of engine footplating and cab and full size details of components	5.1.12	1912	B70	J15	PL	505	2
18018	Six Wheels Coupled Coal Engines Class E72, T77, H80, X80, J19/2-Cast Steel Wheels	3" to 1' elevations and sections of driving, leading and trailing wheels 15 spokes, 4'4" diameter and full section through rim and tyre Endorsed: for profiles of tyres see Dg No 17284; altered 9.6.43	21.5.12	1912	E72 T77 H80 X80	J18 J19	P-C	570	3
18021 Ren	Six Wheels Coupled Goods Engines Class E72-J19-Framing	1½" to 1' elevations and plan of framing Endorsed: numerous alterations to 11.2.35	-	-	E72	J19	PL	557	4
18021 Att	Six Wheels Coupled Superheater Coal Engines-Alteration to Leading End of Frame for Class T77	1½" to 1' elevation and plan of front end of frame Endorsed: classes H80 and A81 added 25.8.17; altered 30.6.16 1.6.22	9.2.15	1915	T77	J19	PL-C	557	3
18022	Six Wheels Coupled Goods Engines E72 Class-Reversing Shaft	6" to 1' elevations and plan of shaft Endorsed: altered 1.3.20 for D81 class	29.6.12	1912	E72	J18	P-C	505	3
18023	Six Wheels Coupled Goods Engines E72 Class-Reversing Gear	1½" to 1' arrangement and full size details of components Endorsed: altered 31.10.12, 31.10.12 and 7.34	9.7.12	1912	E72	J18	PC	539	4
18024	Six Wheels Coupled Goods Engines Class E72-Piston Valves and Spindle	Full size section of components and elevation of piston Endorsed: altered 27.5.22	19.7.12	1912	E72	J18	P-C	553	4
18025	Six Wheels Coupled Coal Engines Class E72 Fitted with Schmidt Superheater-Smokebox	3" to 1' sectional elevations of smokebox showing arrangement of superheater Endorsed: work to red for A81 2.9.20	12.8.12	1912	E72 A81	J18	P-C	589	4
18025	Six Wheels Coupled Coal Engines Class E72-	3" to 1' arrangement of gear and details of	2.2.15	1915	E72	J18	P-C	500	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Alteration to Superheater Damper Gear for	components	5.2.15	1915	E72	J18	PC	569	
18026	Six Wheels Coupled Coal Engines Class E72, A81-Blast Pipe and Steam Pipe Connection	6" to 1' elevation, section and plan of blast pipe and full size details of connection Endorsed: altered for A81 2.9.20; altered 3.5.21; for cast iron steam pipe connections see Dg No 23365 11.4.21	23.8.12	1912	E72 A81	J18 J19	PC	542	3
18028	Six Wheels Coupled Coal Engines Class E72-Details of Cylinder Cock Gear	3" and 6" to 1' and full size details of numerous components Endorsed: altered 7.35	- .7.12	1912	E72	J18	P	564	1
18029	Six Wheels Coupled Goods Engines E72, D81 Class Arrangement of Motion	3" to 1' elevation and plan of motion Endorsed: see Dg No 21948 for D81 crank axle and valve spindle supports see Dg No 19362	25.9.12	1912	E72	J18	P-C	473	2
18030	Six Wheels Coupled Coal Engines E72 Class J19-Rod, Pipe, Clothing, Mechanical Lubricating and Sanding Details	1½", 3" and 6" to 1' and full size details of numerous components My comment: a much later print	17.9.12	1912	E72	J18	P	507	1
18031	Six Wheels Coupled Goods Engines Class E72-Cab	1½" to 1' elevations and plan of cab Endorsed: altered 20.9.20	13.8.12	1912	E72	J18	PC	546	3
18032	Six Wheels Coupled Superheater Coal Engines Class E72-J18 & 19-Rod, Pipe, Clothing and Lubricating Arrangement	1½" to 1' elevations, section and plan of engine Endorsed: altered 30.6.39	- .2.36	1936	-	J18 J19	BP-L	556	2
18033	Six Wheels Coupled Goods Engines E72 Class-Trailing Sand Boxes Fitted with 'Lambert' Water Sanding Gear	3" to 1' elevations, sections and plan of boxes showing arrangement of gear Endorsed: for alteration to suit new pattern sand trap see Dg No 20900 12.6.16	16.8.12	1912	E72	J18	PC	551	2
18034	Six Wheels Coupled Goods Engines E72 Class-Leading Sand Box (Lamberts Water	3" to 1' arrangement of sand box Endorsed: altered 12.6.16 & 30.7.16	14.8.12	1912	E72	J18	P-C	503	3
18035	Six Wheels Coupled Goods Engines E72 Class-Driving Sand Boxes Fitted with 'Lambert' Water Sanding Gear	3" to 1' elevations, sections and plan of boxes showing arrangement of gear inside Endorsed: for alteration to suit new pattern sand trap see Dg No 20900 12.6.16	22.8.12	1912	E72	J18	PC	542	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18036	Six Wheels Coupled Coal Engines Class E72-Spark Deflector and Details	6" to 1' elevations and plan of deflector and full size details of components Endorsed: altered 2.9.20	29.8.12	1912	E72	J18	PT-C	517	4
18037	Six Wheels Coupled Coal Engines Class E72, T77-Arrangement of Cylinder Lagging	3" to 1' outline sectional elevation of cylinders to Dg No 17223 and back, end and front elevations of lagging 26.7.16	- .9.12	1912	E72	J18	PT-C	463	2
18052	Arrangement of Reversing Lever and Sector on Tank Engines Class R24	1½" to 1' elevations and plan shown in relation to cab	24.6.12	1912	R24	J67 J69	PC	551	3
18053	Details of Shields for Water Scoop on G53 Class Tenders	3" to 1' elevations, section and plan of 6 components	11.12.12	1912	G53	D15	P-C	559	2
18056	Six Wheels Coupled Goods Engines Y14 Class-Arrangement and Details for Wakefield's Mechanical Lubricator	3" to 1' arrangement of connections to lubricator and 6" to 1' details of components Endorsed: altered 30.6.39	21.5.12	1912	Y14	J15	P-C	561	2
18124	Arrangement of Davies and Metcalfe's No 8 Hot Water Injector Six Wheels Coupled Tank Engines S56 Class	3" to 1' elevations and plan of injector	8.7.12	1912	S561	J67	PT-C	537	1
18130 Ren	Six Wheels Coupled Bogie Express Engines S69 Class Nos 1500-1504-Conrtolling Gear for Trailing Axleboxes	Full size elevation, section and plan of gear Endorsed: for other S69 class engines see Dg No 19906; altered 12.4.26	2.11.16	1916	S69	B12	PL-C	601	4
18142	Six Wheels Coupled Coal Engines Class E72-Steam Superheating Elements for Schmidt Superheater	3" to 1' arrangement of elements with full size enlargements of ends Endorsed: class T19 added 1.7.13; D56 class added 19.11.14	24.7.12	1912	E72	J18	P-C	538	2
18144	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Stone's Variable Blast Pipe and Ash Ejector	6" to 1' sections and plan of blast pipe and full size details of fittings	1.8.12	1912	D56	D15	P-C	576	3
18144	Alteration to Stone's Blast Pipe D56 Class to	Full size sections of lower part of blast pipe	1.6.12	1912	E18	J16	P-C	576	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Suit Coal Engines F48 Class	Endorsed: D56 class pattern to be used with altered base as shown	10.13	1913	F48	D10	P-C	570	
18144 Att	Alteration to Blast Pipe, Valve Box for Engines Fitted with Exhaust Injector D56	6" to 1' elevations and section of valve box	15.9.13	1913	D56	D15	PT-C	576	2
18154	Four Wheels Coupled Shunting Engines Class B74 (Y4)-Cylinders	3" to 1' elevations, sections and plan of cylinders Endorsed: altered 30.4.13	22.2.13	1913	B74	Y4	PL	477	2
18163	Six Wheels Coupled Bogie Express Engines S69 Class-Built Up Crank Axle	3" to 1' elevations of axle Endorsed: altered for class A73 21.1.13	3.7.12	1912	S69	B12	P-C	507	3
18169 Ren	Self Contained Sleeve Buffer	Full size elevation and sectional side elevation of buffer length 1'6" with 1'2" heads and 3" to 1' diagram showing base plate holes lettered B1 for 20 ton goods, C1 for 20 ton coal and D1 for 14 ton machine trucks and E1 for first class saloon F80, but with heads 1'7" diameter My comment: drawing originally prepared in 1912	10.24	1924	-	-	PL-C	519	2
18186	Four Inch Outlet Valve-Travelling Liquid Fuel Tank LM2002	Full size sections of valve and half plan of flange Endorsed: for LM 2168 see Dg No 291LF 28.12.91 Supplementary Dg No 276LF	8.1.97	1897	-	52W	PT-C	555	2
18187	Apparatus for Burning Liquid Fuel-Holden's Patent-Arrangement of Burners in Ashpan of Special Construction	1½" to 1' elevations, sections and plan of firebox showing internal arrangements and details of fuel supply Endorsed: for other information see Dg No 257LF; for ashpan see Dg No 396LF My comment: principal Dg No 397LF	8.02	1902	-	-	PT-C	525	2
18188	Ashpan for Loco's Burning Liquid Fuel Holden's Patent	3" to 1' sectional side and end elevations of ashpan Supplementary Dg No 396LF	11.8.02	1902	-	-	PT-C	553	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18189	Outlet Valve Travelling Oil Tanks	Full size sectional elevation of valve and plan, operated from top of tank Supplementary Dg No 250LF	17.3.96	1896	-	52W	PC	555	3
18193	Holden's Patent Liquid Fuel Apparatus-Connection for Fuel Pipe between Engine and Tender	Full size sections and elevation of each end of 1'9" long hose Supplementary Dg No LF107	19.2.89	1889	-	-	PB-C	512	2
18194	Liquid Fuel Tanks for Standard Tenders-Gun Metal Details	Full size sections and elevations of cocks, feed cock, connections and tee pieces My comment: drawing marked as 192LF, Dg No 18194 appears only on stick	21.2.94	1894	-	-	PB-C	545	2
18195	Liquid Fuel Tanks for Standard Tenders-Capacity 600 gallons	1½" to 1' arrangement of pair of cylindrical tanks 15' 3" long and 2' diameter with connection shown on outline of tender tank Endorsed: tank to Dg No 7854 (the tender tank?) My comment: drawing marked as 191LF, Dg No 18195 appears only on stick	14.2.94	1894	-	-	PB-C	541	2
18197	Liquid Fuel Tank-Capacity 2,500 Gallons	1½" to 1' general arrangement of cylindrical tank on standard 15' Fox's pressed steel underframe, wheelbase 9', timber cradle with 8" wide timber end stanchions and crossbeam Endorsed: 6' 0" diameter of tank shown on drawing, dimension only reduced to 5' 3" and title amended to 2,000 gallon capacity My comment: drawing marked as 201LF, Dg No 18197 appears only on stick	4.12.94	1894	-	-	PT-C	538	2
18199	Air Heating Apparatus in Smokebox of 6 Coupled Goods Engine No 611	3" to 1' sectional elevations of smoke box showing arrangement of apparatus	20.6.94	1894	Y14	J15	PT-C	596	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Coupled Goods Engine No 611	My note: his is Dg No 196LF; No 18199 does not appear on the drawing							
18200	Liquid Fuel Tanks for Engines 760 Class Capacity 600 Gallons	1½" to 1' elevations and plans of cylindrical tanks 15'3" outside by 1'11 7/8" arranged on either side of tender tank top My note: supplementary Dg No 171LF	23.8.92	1892	T19	-	PT-C	577	2
18201	Arrangement of Liquid Fuel Burners on Express Engines 760 Class	1 ½" to 1' outline elevations, section and plan of firebox and footplate and footboard showing arrangement of apparatus Endorsed: Dg No 257LF	22.5.96	1896	T19	-	PT-C	462	2
18202	Four Coupled Express Engines-Arrangement for Liquid Fuel Valves (Regulating Gear) on	6" to 1' elevations and plan of valve My comment: principal Dg No 174LF	3.11.92	1892	-	-	PB-C	525	3
18202	Arrangement for Liquid Fuel Valves on Locomotives 760 Class	6" to 1' elevations, section and plan of valves Supplementary Dg No 174LF	3.11.92	1892	-	-	PB-C	557	4
Ren 18203	Six Wheels Coupled Bogie Express Engines S69 Class and 4-4-0 Engines Types D14 and D16 with 8 ½" Piston Valves-Alteration to	3" to 1' details of components Endorsed: altered 9.35 and 2.38	- .9.32	1932	S69	B12 D14 D16	BP-L	575	3
18230	Sketch Showing Position of Collins Wheel Flange Lubricator on R24 Class Engine	1½" to 1' outline of frame showing attachment and sketch of lubricator Supplementary Dg No SDO 4415	24.7.12	1912	R24	J67 J69	P-C	582	2
18237	Six Wheels Coupled Goods Engines E72 Class-Arrangement and Details of Ash Pan Gear	3" to 1' arrangement of ash pan and 6" to 1' details of components	1.8.12	1912	E72	J18	P-C	579	3
18243	Arrangement and Details of Hand Brake for Old Engine Frames Nos 1 to 7	1" to 1' elevations and plan of frame and 3" to 1' details brake components	11.9.12	1912	-	-	PC	531	4
18253	Six Wheels Coupled Bogie Express Engines Class S69-Arrangement and Details of Detroit 7 Sight Feed Lubricator	1½" to 1" arrangement shown on outline elevations and plan of engine and full size details of fittings Endorsed: altered 21.9.12	3.9.12	1912	S69	B12	P-C	487	3
Att 18253	Detroit 7 Sight Feed Lubricator S69 Class-Steam Cock and Seating	Full size section and elevation of cock and plan of seating	21.9.12	1912	S69	B12	PT-C	487	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18259	Six Wheels Coupled Tank Engines S56 Class- Alteration to Gear for Wakefield's Mechanical Lubricator	1½" to 1' elevation and plan of arrangement and full size details of components Endorsed: work to Dg No 18820 for arrangement and details of gear for Wakefield's mechanical lubricator 10.11.13	7.9.12	1912	S56	B12	P-C	487	3
18264	Four Wheels Coupled Tank Engines Class P55-Arrangement and Details of Wakefield's Mechanical Lubricator	1½" to 1' arrangement shown on part outline elevation and plan of frame and 3" to 1' and full size details of components Endorsed: altered 2.38	5.10.12	1912	P55	F4	PC	532	3
18266	Six Coupled Bogie Express Engines Class A73 Numberplate	Full size elevation and section of elliptical plate 2'0" by 1'0" by ½" thick inscribed Great Eastern Railway Coy/1505/Stratford Works 1912	14.10.12	1912	A73	B12	P-C	484	1
18340	Arrangement and Details of Hand Brake on Old Tender Frame	1" to 1' outline elevations and plan of 4 wheeled frame, former 6 wheeled, 11' 6" wheelbase, 3'6" dia wheels and 6" to 1' details of hand brake components	24.12.12	1912	-	-	P-C	486	2
18343	Six Wheels Coupled Bogie Express Engines Class S69-Stones Variable Blast Pipe and Ash Ejector	Elevations, sections and plan of injector and components Endorsed: see dg No 22328 for blast pipe and Dg No 22462 for gear for ejecting smokebox ashes; for future engines class 1500 fitted with exhaust injector No 10 19.5.20	- .12.12	1912	S69	B12	P-C	465	4
18343 Att	Alteration to Stones Blast Pipe S69 Class to suit Coal Engines E72 Class	Full size sections of blast pipe base	30.9.13	1913	E72	J18	PL-C	465	2
18343 Att	Express and Goods Engines D56 & E72 Class- Alterations to Stones Blast Pipe and Valve	6" to 1' elevation and section of component	21.1.15	1915	D56 E72	D15 J18	PL-C	465	1
18343 Att	Six Wheels Express Engines Class S69- Alteration to Stones Blast Pipe Valve Box for	6" to 1' elevation and section of component	11.3.15	1915	S69	B12	PL-C	465	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18347	Six Wheels Coupled Bogie Express Engines S69 Class-Valve and Gear for Auxiliary Steam Admission when Regulator is Closed	Full size elevations, sections and plan showing arrangement and details of components Endorsed: altered 16.5.14	8.11.12	1912	S69	B12	P-C	480	3
18347 Att	Six Wheels Coupled Bogie Express Engines S69 Class-Alteration to Gear for Auxiliary	Full size elevation of regulator handle and quadrant	13.4.14	1914	S69	B12	PL-C	480	2
18347 Att 2	Six Wheels Coupled Bogie Express Engines S69 Class-Alteration to Gear for Auxiliary	Full size elevation and plan of regulator and quadrant	25.6.14	1914	S69	B12	OL-C	480	2
18363 Ren	Six Wheels Coupled Bogie Express Engines Class A73, B78-Details of Spark Deflector and Blast Pipe Gear	6" to 1' and full size details of numerous components Endorsed: altered 21.11.13, 11.3.14 and 5.10.15	1.5.15	1915	A73 B78	B12	PL-C	581	3
18363 Att	Six Wheels Coupled Bogie Express Engines Class A73-Guide for Stone's Blast Pipe Rod and Support for Hand Rail for Engines with Robinson's Superheater	Full size details of 2 components Endorsed: altered 11.3.14; not required for B78, see Dg No 20057 3.5.15	6.6.13	1913	A73	B12	PT-C	581	2
18364	Six Wheels Coupled Bogie Express Engines Class A73-Arrangement of Spark Deflector and Variable Blast Pipe Stone's	3" to 1' arrangement shown in relation to elevations and part plan of smokebox Endorsed: altered 24.11.13 & 14.7.14; alterations for B78 see Dg No 20057 4.5.15	18.12.12	1912	A73	B12	P-C	493	3
18370	Steam Pipe for Shunting Engines 228 Class	3" to 1' elevations of pipe Endorsed: one set to be made for trial	7.11.12	1912	228	Y5	P-C	477	2
18371	Six Wheels Coupled Tank Engines Class T18-Arrangement of Lamberts Water Sanding Gear	1½" to 1' half outline elevations and plan of engine showing arrangement of gear and 6" to 1' details of three fittings	18.4.13	1913	T18	J66	PT-C	572	3
18377	Alteration to Standard Buffer for Goods Engs. To Suit E72 Class	Full size half section and side elevation and plan of self contained buffer projecting 1'6 ¾" with 1'5" diameter face	11.11.12	1912	E72	J18	PT-C	499	3
18407	Four Wheels Coupled Express Engines Class D56-Arrangement of Lambert Water Sanding Gear	1½" to 1' arrangement of gear shown in relation to outline elevations and plan of engine Endorsed: altered 23.4.13	28.3.13	1913	D56	D15	P-C	577	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18420	The Standard Type 'Lambert' Sander Fitted to Leading Sandbox Class T18	6" to 1' sectional elevation and plan of sandbox showing apparatus	12,3,13	1913	T18	J66	PT-C	530	2
18422	The Standard Type Lambert Sander Fitted to Trailing Sandbox Class T18	6" to 1' sectional elevation and plan of sandbox showing apparatus	12.3.13	1913	T18	J66	PT-C	532	2
18424	Steel Steam Pipe for Shunting Engines 228 Class	3" to 1' elevations of pipe	- .11.12	1912	228	Y5	PT-C	475	2
18438	Four Coupled Radial Tank Engines Class G69-Trailing Sand Box Fitted with Lambert Sander	6" to 1' sectional elevation and plan showing details of sander inside box	28.3.13	1913	G69	F6	PT-C	490	2
18439	Four Coupled Radial Tank Engines Class G69-Driving Sandbox Fitted with the Lambert Sander	6" to 1' sectional elevation and plan of box showing internal equipment	22.5.13	1913	G69	F6	PT-C	486	2
18444	Engines Classes S46 and F48-Arrangement and Details of Firebox Roof Stays	¼" to 1' sectional elevations and plan of firebox stays and 6" to 1' and full size details	10.2.13	1913	S46 F48	D14 J16	P-C	496	2
18454	Four Wheels Coupled Bogie Express Engines T19 Class-Cast Iron Header for Schmidt's Superheater	6" to 1' elevations and sections of header Endorsed: altered 20.2.14, 25.3.14 & 10.10.34	7.1.13	1913	T19	-	P-C	472	3
18457	Arrangement of 14 Ton Machine Truck Class F73	1½" to 1' general arrangement of 25'6" truck, wheelbase 20' Endorsed: altered for C75 and future classes 29.8.13	31.1.13	1913	F73	75W	P-C	468	2
18466	Alteration to Engine Buffer and Casing	Full size elevation and plan of buffer with face 1'1" diameter Endorsed: altered 29.1.13 and 13.7.14	24.1.13	1913	-	-	PT-C	520	4
18467	20 Tons Loco Coal Wagon Body Details Class M73	1½" and 3" to 1' details of body plates, angles and components	- .5.13	1913	M73	46W	P-C	487	2
18473	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Feed Water Heater	1½" to 1' outline elevation, sectional end elevation and part plan of engine showing heater with 3" and 6" to 1' details of components Endorsed: one to be fitted for trial purposes 27.3.13; altered 24.6.13	28.3.13	1913	D56	D15	P-C	571	3
18477	Alteration to Gear for Working Stones Blast Pipe on S46 Class Engs.	3" to 1' elevation of gear and full size details of components	13.1.13	1913	S46	D14	P-C	497	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18486	Six Wheels Coupled Express Engines-Cast Steel Driving Wheels	3" to 1' elevations of 20 spoke wheel 6'6" diameter on tread and full size section of tyre	10.12.13	1913	S69	B12	PL-C	493	2
18488	Six Wheels Coupled Express Engines-Cast Steel Trailing Wheels	3" to 1' elevation and section of 20 spoke wheel 6'0" diameter on rim and full size section of tyre Endorsed: altered 4.2.41	10.12.13	1913	S69	B12	PL-C	581	2
18499-1	35 Tons Steam Breakdown Crane-Buffer	Full size sectional elevation, side and end elevation of self contained buffer 1'42	14.3.19	1919	-	-	PL-C	496	2
18499	Buffer for Passenger Engines and Tenders	Full size elevations and section of self contained buffer 1'4" projection	27.5.19	1919	-	-	P	573	1
18500	Four Wheels Coupled Shunting Tank Engines Class B74-Horn Block and Axlebox	6" to 1' elevations, section and plan of components Endorsed: altered 26.1.28	10.1.13	1913	B74	Y4	P-C	477	4
18501	Four Wheels Coupled Shunting Engines Class B74-Front Cylinder Cover	Full size section and elevation of cover	9.1.13	1913	B74	Y4	P-C	498	3
Ren 18502	Four Wheels Coupled Shunting Tank Engines Class B74-Piston and Rod	Full size section of rod and elevation of piston Endorsed: altered 9.34, 1.36 and 11.5.48 My comment: date of original drawing 1.13	- .1.13	1913	B74	Y4	PL	600	1
18503	Four Wheels Coupled Shunting Tank Engines B74 Class-Cast Steel Motion Plate	3" to 1' elevation, section and plan of plate	24.1.13	1913	B74	Y4	PC	535	3
Ren 18504	Four Wheels Coupled Shunting Engine Class B74, Y4-Piston Rod and Valve Spindle Metallic Packing	Full size sectional views of packing and elevations and plans of components Endorsed: metallic packing for front end of valve spindle not required see Dg No 18514	16.1.13	1913	B74	Y4	PL	507	2
18505	Four Wheels Coupled Shunting Tank Engines Class B74-Arrangement and Details of Spring Gear	6" to 1' elevation and plan of gear and full size details of components	28.1.13	1913	B74	Y4	PL	484	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18506	Four Wheels Shunting Tank Engine Class B77-Slide Bars	3" to 1' and full size details of bars Endorsed: altered 24.7.39	24.1.13	1913	B77	Y4	PL	562	1
18507	Four Wheels Coupled Shunting Engine Class B74-Y4-Crosshead	Full size elevations, section and plan of crosshead Endorsed: lubricator altered 23.7.13 and 11.7.21	21.1.13	1913	B74	Y4	PL	526	2
18509	Proposed Steam Heating Coupling for Supplying Steam to Standing Trains from the Middle Coaches	Full size elevation and section of coupling	1.2.3	1913	-	-	PC	529	1
18510	Four Wheels Coupled Shunting Engine Class B74-Spring	6" to 1' elevation, plan and section of 11plate spring 3'0" centres unloaded Endorsed: altered 12.33	- .1.13	1913	B74	Y4	P-C	507	2
18511	Four Wheels Coupled Shunting Engine Class B74-Connecting Rod	Full size elevations of rod 7' 2" centres Endorsed: alterations to 8.33	7.2.13	1913	B74	Y4	P-C	496	4
18512	Four Wheels Coupled Shunting Engine Class B74-Slide Valve and Spindle	Full size elevations and plan Endorsed: altered 28.4.13, 20.7.21 & 2.48	8.2.15	1915	B74	Y4	P-C	474	3
18513	Four Wheels Coupled Shunting Engine Class B74-Foundation Ring	3" to 1' elevation and plan of ring and full size details of corner riveting	8.2.13	1913	B74	Y4	PC	550	2
18515	Four Wheels Coupled Shunting Engines Class B74-Centre Casting Between Cylinders	3" to 1' elevations, sections and plans of casting Endorsed: altered 16.4.13	11.4.13	1913	B74	Y4	PL	511	1
Att 18515	Four Wheels Coupled Shunting Engine Class B74-Weights for Centre Casting Between Cylinders	3" to 1' elevations of three types of castings Endorsed: cancelled 9.10.13	23.7.13	1913	B74	Y4	PT-C	511	1
18516	Four Wheels Coupled Shunting Tank Engine-Cast Steel Wheel Centres	3" to 1' elevation and section of 3'4" diameter leading and driving wheels	20.3.13	1913	B74	Y4	PL	574	1
18517	Four Wheels Coupled Shunting Tank Engine Class B74-Axle	Full size sectional elevation of axle length 5'4 ¾" and 3" to 1' elevations of complete axle	7.2.13	1913	B74	Y4	PT-C	535	3
18518	Four Wheels Coupled Shunting Tank Engines B74 Class-Motion Arrangement	3" to 1' elevations and plan of motion Endorsed: altered 25.4.13	12.3.13	1913	B74	Y4	P-C	605	3
Ren 18519	Four Wheels Coupled Shunting Tank Engines Class B74-Details of Motion	Full size elevations and plans of motion components Endorsed: altered 16.3.49	14.4.13	1913	B74	Y4	PL-C	502	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18520	Crank Pins-Four Wheels Coupled Shunting Tank Engines Class B74, B77	Full size elevations of driving and leading crank pins Endorsed: superseded by Dg No 28537 for driving 2.5.29; altered 1.9.13	12.3.13	1913	B74 B77	Y4	P-C	603	3
18522	Four Wheels Coupled Shunting Engine Class B74-Steam Pipe Connection	Full size elevations, sections and plan of component	17.2.13	1913	B74	Y4	PC	523	2
18524 Ren	Four Wheels Coupled Shunting Engines Class B74-Framing Arrangement	1½" to 1' elevations and plan of framing with details of brackets work to Attachment	.11.20	1920	B74	Y4	PL-C	501	3
18524 Att 1 Ren	Four Wheels Coupled Shunting Tank Engine Class B74-Alteration to Frame at Trailing End	3" to 1' elevations and plan showing details at trailing end	- .11.20	1920	B74	Y4	PL-C	501	2
18524 Att 2 Ren	Four Wheels Coupled Shunting Engines B77 Class-Alteration to Frame at Trailing End to Suit Brake Column	3" to 1' elevations and plan showing position of brake column	11.11.20	1920	B77	Y4	PL-C	501	2
18525	Four Wheels Coupled Shunting Tank Engine B74 Class-Chimney	6" to 1' elevation, section and half plan of 3' 1 ¼" high chimney Endorsed: see Attachment for B77 15.7.14	12.3.13	1913	B74	Y4	PT-C	512	3
18525 Att	Chimney for B77 Class A82	6" to 1' sectional elevation of chimney 1' 10 ¼ high chimney Endorsed: for other dimensions see Dg No 18525	15.7.14	1914	A82	Y4	PL-C	512	2
18526	Four Coupled Shunting Tank Engines Class B74-Ash Pan Details	Full size details of numerous components	18.3.13	1913	B74	Y4	PT-C	479	2
18527	Four Wheels Coupled Shunting Tank Engines Class B74-Ashpan Arrangement	3" to 1' elevations, section and plan of ashplan Endorsed: see Dg No 18526 for details	30.4.13	1913	B74	Y4	P-C	560	3
18528	Expansion Bracket-Four Wheels Coupled Shunting Tank Engines Class B74	6" to 1' elevation and plan of bracket and full size section showing fixing	20.3.13	1913	B74	Y4	PT-C	508	2
18529	Four Wheels Coupled Shunting Tank Engines Class B74 Type Y4-Boiler Stays	Full size elevations of 8 types of stay Endorsed: altered 31.5.27, 10.32 & 24.7.51	24.4.13	1913	B74	Y4	P-C	500	3
18530	Four Wheels Coupled Shunting Tank Engine Class B74-Blast Pipe	3" to 1' elevations, section and inverted plan of pipe	27.3.13	1913	B74	Y4	PT-C	477	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18531	Four Wheels Coupled Shunting Engines Class B74-Smokebox	3" to 1' sectional elevations of smokebox including blastpipe	2.5.13	1913	B74	Y4	P-C	602	2
18532	Four Wheels Coupled Shunting Engine Class B74, B75-Smokebox Door	6" to 1' section and half elevation of door 4'0" diameter Endorsed: for other details see Dg No 5796; altered 23..5.46	30.4.13	1913	B74	Y4	P-C	574	2
18534	Four Wheels Coupled Shunting Tank Engine B74 Class-Arrangement and Details of Reversing Gear	1½" to 1' arrangement shown on outline of engine footplate and 3" and 6" to 1' details of components Endorsed: altered 31.8.14	16.5.13	1913	B74	Y4	PL	515	1
18536	Injector Steam Cock Y4	Full size sectional plan and elevation of cock	23.5.51	1951	-	Y4	PL	487	1
18538	Four Wheels Coupled Shunting Tank Engine Class B74-Tank Stays	Full size plans of stays with sections showing tank fixings	16.5.13	1913	B74	Y4	PT-C	501	3
18539	Four Wheels Coupled Shunting Tank Engines Class B74-Brake Arrangement	1½" to 1' arrangement shown on outline elevations and plan of engine Endorsed: for alteration to hand brake for B77 see Attachment 30.7.14; for alteration to brake hangers and brake rod see detail Dg Nos 18540 and 22198 10.1.19; altered 23.2.22	20.5.13	1913	B74	Y4	PC	505	3
18539 Att	Four Wheels Coupled Shunting Tank Engine B77 Class-Arrangement of Brake	1 ½" to 1' side elevation showing brake column and crank Endorsed: altered 9.3.22	29.7.14	1914	B77	Y4	PT-C	505	1
18540	Four Wheels Coupled Shunting Tank Engines Class B74, B77-Brake Details	3" to 1' elevations and plans of numerous components Endorsed: altered 28.7.14 and 13.7.33	7.5.13	1913	B77	Y4	PT-C	540	4
18540 Att	Four Wheels Coupled Shunting Engines B77 Class-Brake Column	3" to 1' sectional elevations and plan of column	28.7.14	1914	B77	Y4	PT-C	540	2
18541	Four Wheels Coupled Shunting Tank Engines B74 Class-Cab, Tans and Coal Bunker	1½" to 1' elevations, sections and plan of cab and bunker Endorsed: altered 12.8.13 and 20.12.20	20.5.13	1913	B74	Y4	PB-C	524	3
18541 Att	Alterations to Cab and Windows B77 Class	1½" to 1' elevations and part plan of cab showing projection at rear to accommodate	- .7.14	1914	B77	Y4	PL-C	524	3
18542	Four Wheels Coupled Shunting Tank Engine Class B74-Cylinder Cock and Sand Gear	1½", 3" and 6" to 1' details of numerous components	22.5.13	1913	B74	Y4	PT-C	519	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Details	Endorsed: altered 8.8.13							
18542 Att	Four Coupled Shunting Tank Engines B74 Class-Trailing Sand Box Details	6" to 1' elevations and plans of components My comment: drawing disintegrated	8.8.13	1913	B74	Y4	PC	519	4
18543	Four Wheels Coupled Shunting Tank Engine Class B74-Rod, Pipe and Clothing Details	1½", 3" and 6" to 1' and full size details of numerous components Endorsed: altered 29.10.25	28.5.13	1913	B74	Y4	PT-C	529	3
18544	Four Wheels Coupled Shunting Tank Engines Class B74-Y4-Rod, Pipe, Clothing and Injector Arrangement	1½" to 1' elevations and plan of engine Endorsed: alterations up to 30.1.32	4.6.13	1913	B74	Y4	P-C	552	4
18544 Att	Four Wheels Coupled Shunting Engines Class B74-Arrangement of Trailing Sand Box and Gear	1" to 1' elevation and plan of gear on hind wheels Endorsed: altered 3.5.38	8.8.13	1913	B74	Y4	P-C	552	3
18544 Att	Sketch Showing Position of Tool Box on Shunting Engines A82 Class	1½" to 1' elevation and plan of tool box positioned on front footplate, left hand side only Endorsed: for tool box see Dg No 16712	11.1.21	1921	A82	Y4	PL-C	552	2
18545	Four Wheels Coupled Shunting Tank Engine B74 Class-Cylinder Clothing	3" to 1' elevations of 4 clothing mats	28.5.13	1913	B74	Y4	PT-C	526	3
18546	Four Wheels Coupled Shunting Engines Class B74-Footboard	1 ½" to 1'elevation, plan and section of footboard	29.5.13	1913	B74	Y4	PT-C	510	1
18547	Four Wheels Coupled Express Engines Class T19 Belpaire Fitted with Schmidt Superheater-Piston Rod	Full size elevation of piston rod and diagram of cotter hole Endorsed: altered for T19 Class engines with 25" stroke and Schmidt superheater 1.10.13; altered 8.34. & 1.36	25.6.13	1913	T19	D13	PL	506	3
18548	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater-Slide Bars	3" to 1' and full size elevations and plans of bar Endorsed: altered 13.10.13 and 24.7.39	- .7.13	1913	T19	D13	PC	529	3
18549	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt's Superheater-Oil Box Casings and Bushes for Piston and Valve Spindle Tail Rods	6" to 1' elevations and plan with full size details of components	21.7.13	1913	T19	D13	P-C	508	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18550	Four Wheels Coupled Bogie Express Engines T19 Class Belpaire Fitted with Schmidt Superheater-Arrangement of Metallic	3" to 1' arrangement with 6" to 1' and full size details Endorsed: altered 20.2.14	12.7.13	1913	T19	D13	P-C	481	4
18551 Ren	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater-Smokebox	3" to 1' sectional elevations of smokebox with upper part of cylinders Endorsed: arrangement of vacuum exhaust cancelled see Dg No 13686Att My comment: original Dg dated 26.9.13	- .6.22	1922	T19	D13	PL-C	525	2
18552	Tee Piece for Steam Pipe Connections for T19 Class Fitted with Schmidt Superheater	6" to 1' elevations and section of tee piece	24.7.13	1913	T19	D13	P-C	493	3
18553	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Superheater and Belpaire Boiler-Arrangement and Details for Wakefield's Mechanical Lubricator	3" to 1' arrangement shown in relation to front end of engine and 6" to 1' and full size details of components Endorsed: altered to 30.6.39	16.9.13	1913	T19	D13	P-C	508	4
18553 Att 1	T19 Class Superheater Engines-Arrangement for Wakefield's Mechanical Lubricator (7 Feed)(No 7 Pattern)	1½" to 1' arrangement shown in relation to part side elevation and plan of engine Endorsed: altered 30.6.39	17.5.16	1916	T19	D13	PL-C	508	3
18553 Att 2	Four Wheels Coupled Express Engines Class T19 Belpaire with Superheater and Balanced Valves-Arrangement of Lubricator Pipes to Cylinders, Port Faces and Steam Chest Covers	3" to 1' arrangement shown in relation to part side elevations of engine with plan of ports Endorsed: for engines with anti carboniser see No 3 Attachment 15.11.17	7.11.15	1917	T19	D13	PL-C	508	3
18553 Att 3	T19 Class Superheater Engines-Arrangement and Details of Steam Jet	1½" to 1' arrangement shown in relation to part elevation and plan of engine and full	-11.17	1917	T19	D13	PL-C	508	4
18554	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater-Details of Blast Pipe Gear and Spark Deflector	Elevations and plan of components Endorsed: numerous alterations to suit Robinson superheater 8.3.15; Schmidt superheater and for engines fitted with blast pipe to Dg No 25172 14.10.24	- .10.13	1913	T19	D13	P-C	480	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		My note: drawing in appalling condition							
18562	Four Coupled Bogie Express Engines Class T19-Stones Patent Blast pipe Gear and Spark Deflector-Arrangement and Details	3" to 1' arrangement of gear and full size details My note: this drawing is wholly illegible	10.10.13	1913	T19	D13	P-C	586	3
18565	Four Wheels Coupled Shunting Tank Engines Class B74-Arrangement and Details of Spring Gear	6" to 1' elevation, section and plan of gear and full size details of components Endorsed: altered 7.7.13	8.2.13	1913	B74	Y4	P-C	594	3
18603	Arrangement and Detail of Pyrometer Tube Casing Class S69	1½" to 1' part side elevation of upper part of boiler showing arrangement of casing and full size section of clips	21.2.13	1913	S56	B12	P-C	559	1
18605	Four Wheels Coupled Engines Class T26-Built Up Crank Axle	3" to 1' elevations of crank axle Endorsed: cancelled see Dg No 26589 15.6.27	28.2.13	1913	T26	E4	PT-C	471	3
18606	Four Wheels Coupled Engines Class T26-Built Up Crank Axle	3" to 1' elevations of axle Endorsed: for right hand crank axle see Dg No 18605	28.2.13	1913	T26	E4	PT-C	573	2
18655	Four Wheels Coupled Tank Engines Class G69-Arrangement of Lambert Water Sanding Gear	1½" to 1' arrangement of gear shown on outline elevations and plan of engine and full size details of clips and union	28.5.13	1913	G69	F6	PC	535	2
18664	Drawgear for 48' 3" and 50' 0" Bogie Vehicles	1" to 1' section, elevation and plan of frame showing arrangement of drawgear and 3" to 1' details of components Endorsed: altered 5.6.14 for restaurant cars No 55 and 3 rd No 553	22.4.13	1913	-	-	PC	550	2
18667	Sketch Showing Position of Pyrometer in Steam Chest for Engine No 1501	3" to 1' details of fittings and full size coupling piece	11.4.13	1913	S69	B12	P-C	463	2
18672	Four Wheels Coupled Bogie Express Engines Class T19-Stone's Variable Blast Pipe and Ejector	6" to 1' sections and plan of blast pipe and full size details of ejector Endorsed: altered 24.10.13; work to Dg No 25011 15.10.24	2.6.13	1913	T19	D13	P-C	486	3
18672	Alteration to Stones Blast Pipe T19 Class to	Full size sections of lower part of pipe	5.9.13	1913	T19	D13	P-C	486	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Suit T26 Class Engines	Endorsed: 3 to this	5.9.13	1913	T26	E4	P-C	480	
18675	Reversing Gear Details for F48 Class Engs. with L52 Class Brackets	Full size elevations and plans of components	- .4.13	1913	F48	J16	PT-C	488	2
18680	Six Wheels Coupled Tank Engines Class S56-Arrangement and Details of Gear for	1½" to 1' arrangement and full size details of components	13.8.13	1913	S46	J67 J69	P-C	604	2
18689	Coupling Ends of Westinghouse Steam Heating Pipes	Full size elevations, sections and plan of couplings My comment: on same stick as Dg No 19146	22.5.13	1913	-	-	PC	550	2
18690	Arrangement of Boscher's Mechanical Lubricator (Engines Class S69)	3" to 1' elevation and plan of arrangement and 6" to 1' details of clips and brackest	2.6.13	1913	S69	B12	P-C	598	2
18693	Arrangement of Stone's Mechanical Lubricator Engines (Class S69)	3" to 1' arrangement of gear and 6" to 1' details of components Endorsed: altered for R75 19.3.14	2.6.13	1913	S69	B12	P-C	594	3
18694 Ren	Four Wheels Coupled Radial Tank Engines Y65-F7-Class-Arrangement of Gear to Work Auto Train	1½" to 1' elevations and plan of cab and bunker showing arrangement of gear My comment: original date of drawing 16.6.13	23.10.41	1941	Y65	F7	BP-L	590	1
18728	Six Wheels Coupled Bogie Express Engines Class S69-Piston Valves and Spindle	Full size elevation of components Endorsed: altered 12.7.21; 1 engine only	28.5.13	1913	S69	B12	P-C	593	2
18729	Six Wheels Coupled Bogie Express Engines Class S69-Piston Valves and Spindle	Full size elevation and section of components with instruction on finishing Endorsed: altered 15.7.21	28.5.13	1913	S69	B12	PC	539	3
18740 Ren	Four Wheels Coupled Radial Tank Engines Class Y65, F7 & P55, G5-Details of Actuating Cylinder and Shaft Brackets for Auto Train	Full size elevations and plan of components My note: date of original drawing 6.13	23.10.41	1941	-	F7 G5	BP-L	565	1
18741	Arrangement of Body for Fish Van M74 Class	1" to 1' elevation, sectional elevations and plan of 6 wheel van body 31'10½" over headstocks with timber frame Endorsed: altered 24.6.14	- .7.13	1913	M74	44M	P-C	599	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18749	Four Coupled Express Engines Class D56-Oil Box for Small Ends	Full size elevations and section of oil box Endorsed: altered 3.6.15: 6 engines to be fitted	31.10.13	1913	D56	D15	P-C	568	2
18759	Four Wheels Coupled Radial Tank Engines Class Y65-Details of Forged Work for Auto Train Gear	6" to 1' and full size details of several components Endorsed: for other details for G5 engines see Dg No 34242	3.9.14	1914	Y65	F7	PT-C	537	4
18773	Drivers Control Valve for Auto Train Gear	Full size arrangement and details of components Endorsed: see Attachment for alteration 30.9.20	3.9.14	1914	-	-	P-C	578	4
18773 Att	Untitled	Full size elevations of two plates	29.9.20	1920	-	-	PL-C	578	2
18774	Six Wheels Coupled Express Engines Class A73, B78-Arrangement of Robinson's Superheater Draught Retarder	3" to 1' front elevation of superheater and tubeplate and part sectional side elevation My comment: drawing seriously fire damaged Endorsed: altered for B78 9.3.15	23.6.13	1913	A73 B78	B12	P-C	594	4
18775	Electric Contact Box for Auto Train Gear	Full size sections showing contact box and contact pieces	19.6.13	1913	-	-	BP-L	475	1
18776	Four Wheels Coupled Radial Tank Engines Class Y65, P55, G5-Pressure Reducing Valve and Other Brass Details for Auto Train Gear	Full size details of components Endorsed: altered for G5 class engines; for other brass details see Dg No 34241	3.9.41	1914	Y65 P55 -	F7 F4 G5	P-C	571	4
18776 Att	Tee Pieces for Additional Westinghouse Pump on Auto Train Engine	Full size sections of two tee pieces	23.10.14	1914	-	-	PT-C	571	1
		Full size elevation and section of cover							3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18793	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater-Front Cylinder Cover	Endorsed: for superheated engines with 24In stroke to be plainly stamped on cover 14.10.13; altered 3.10.13 and 25.8.14; also for blank cylinder cover for existing engines with tail rods removed see Dg No 17227 25.8.14	1.6.13	1913	T19	D13	PC	513	
Att 18793	Four Wheels Coupled Bogie Express Engines Class T19 with 25In Stroke fitted with Schmidt Superheater-Front Cylinder Cover	Full size elevation and section of cover Endorsed: for superheated engines with 24In stroke to be plainly stamped on cover 14.10.13; altered 25.8.14; also for blank cylinder cover for existing engines with tail rods removed see Dg No 17227 25.8.14; for cylinder cover for future engines (T19 25In Stroke Superheater) see Dg No 19550 25.8.14	1.10.13	1913	T19	D13	PT-C	513	2
18804	Four Wheels Coupled Express Engines Class D56-Arrangement of Steam and Distributing Valves on Boiler for Galloway-Hill Patent Furnace	1 ½" to 1' arrangement of valves and pipe work and 3" to 1' and full size details of fittings	1.6.13	1913	D56	D15	P-C	463	1
18820	Six Wheels Coupled Tank Engines S56 Class-Arrangement and Details of Gear for Wakefield's Mechanical Lubricator	1½" to 1' arrangement of gear and 6" to 1' and full size details of components Endorsed: altered 15.9.13 and 2.38; for engines with 3 feed lubricators see attachment	9.7.13	1913	S56	D15	P-L	552	2
Att 18820	Six Wheels Coupled Tank Engines Class G75-Alteration to Lubricator Pipes to Suit Wakefield's 3 Feed Mechanical Lubricator	1½" to 1' elevation and plan showing arrangement Endorsed: altered 30.6.39	30.9.13	1913	G75	J68	PT	552	3
18823	Four Wheels Coupled Bogie Express Engines D56 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' arrangement and full size details of clips and flange Endorsed: two to this; altered 14.8.13	8.7.13	1913	D56	D15	P-C	594	3
18826	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Schmidt Superheater-Stones Variable Blast Pipe and Ash Ejector	6" to 1' elevations, sections and plan of blast pipe and ejector Endorsed: altered 27.10.13 and 19.5.15; work to Dg No 25172 15.10.24	24.7.13	1913	T19	-	PC	606	3
18826	Alteration to Stones Blast Pipe T19 Class to	Full size sections of lower part of blast pipe	12.2.14	1914	D56	D15	PL-C	606	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	Suit D56 Class Fitted with Schmidt	Full size sections of lower part of blast pipe	12.2.14	1914	D56	D15	PL-C	606	
18826 Att	Alteration to Stones Blast Pipe T19 Class to Suit to Suit G58 Class Fitted with	Full size sections of lower part of blast pipe	26.6.15	1915	G58	J17	PL-C	606	2
18835	Hydraulic Reversing Gear-Valve	Full size sections, elevations and plan of valve	30.9.13	1913	-	-	P-C	593	2
18858	Strainer for Tender Tanks	Full size section and end elevation of strainer and flange	- .2.15	1915	-	-	PL-C	462	1
18866	Four Wheels Shunting Tank Engine Class B74-Trailing Sand Box	6" to 1' sectional elevation and plan of sand box Endorsed: altered 12.2.15 and 3" to 1' elevation and plan of right hand sand box added	8.8.13	1913	B74	Y5	-	463	4
18884	Details of Hydraulic Reversing Gear	6" to 1' details of numerous components Endorsed: altered 18.9.17	26.5.14	1914	-	-	PL-C	580	2
18885	Hydraulic Reversing Gear, Cocks and Valve Bracket	Full size sections and plan of two cocks and 6" to 1' details of bracket	- .10.13	1913	-	-	P-C	554	3
18886	Six Wheels Coupled Goods Engines Class F48-Hydraulic Reversing Gear-Arrangement	Full size section and elevation of gear	25.8.13	1913	F48	J16	P-C	502	3
18886 Att	Alteration to Hydraulic Reversing Gear Engs F48 Class	Full size section as altered Endorsed: altered 18.9.17	26.2.15	1915	F48	J16	PL-C	502	2
18887	Four Wheels Bogie Belpaire Express Engines Class D56-Arrangement of Gear for Working Davies & Metcalfe's No 9 Exhaust Injector	1½" to 1' arrangement of gear on outline side elevation and part plan of engine Endorsed: altered 5.1.14, 8.4.36 and 18.5.36	- .8.13	1913	D56	D15	P-C	587	4
18888	Details of Exhaust Injector D56Class	3" to 1' elevation, sections and plans of several components Endorsed: altered 16.3.15	11.9.13	1913	D56	D15	P-C	561	4
18906	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire with Schmidt Superheater-Arrangement and Details of Superheater Damper Gear	1½" to 1' arrangement shown on part outline of engine and 6" to 1' details of components Endorsed: altered 5.11.13	- .9.13	1913	T19	-	P-C	465	4
18916	Smokebox Door for Engines with 4'4" Diameter Boilers	6" to 1' half elevation, section and sectional plan of 4'2" diameter door	19.9.13	1913	-	-	PC	531	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18917	Six Wheels Coupled Goods Engines Class F48-Arrangement of Hydraulic Reversing Gear	1½" to 1' arrangement shown on part outline elevation and plan of engine	11.11.13	1913	F48	J16	PC	519	3
18939	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire with Schmidt Superheater and 25" Stroke-Piston	Full size section and elevation of 1'6" piston Endorsed: numerous alterations to 8.34	17.10.13	1913	T19	D13	P-C	572	3
18940	Six Wheels Coupled Tank Engines Class G75-Cab, Tanks and Coal Bunker	Side and end elevations of cab and bunker Endorsed: altered for bunker coal rails 3.4.25; cab roof rain drip altered 8.6.25	22.10.13	1913	G75	J68	PT-C	494	3
18949	Four Wheels Coupled Tank Engines C32-Arrangement of Steam Heating Pipes and Fittings	1½" to 1' arrangement shown on part outline elevations and plan of engine with details of components	17.10.13	1913	C32	F3	PC	532	4
18951	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement and Details of Stone's Patent Blast Pipe Gear and Spark	3" to 1' arrangement and 6" to 1' and full size details of fittings Endorsed: altered 20.2.14	11.11.13	1913	T26	E4	PL-C	581	2
18954	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire-Arrangement of Tubing for Pyrometer	1 ½" to 1' arrangement of tubing on part side elevation of boiler and 3" to 1' and full size details of header and clips	22.10.13	1913	T19	-	PL-C	497	2
18955	Four Wheels Coupled Express Engines D56 Class-Proposed Slide Valve Inspection Holes in Front Steam Chest Cover	3" to 1' details showing location of holes and full size details of cover	25.10.13	1913	D56	D15	PT-C	505	2
18957	Six Wheels Coupled Goods Engines Y14 Class with H14 Class Tenders (3066 Galls)-Arrangement and Details of Tank for Using "DM" Boiler Enamel	1 ½" to 1' arrangement shown on part sectional elevation and plan of tender and 6" to 1' details of tank bracket	28.10.13	1913	Y14	J15	PT-C	495	1
18961	Chimneys for All Classes	Unscaled sectional elevations of 3 styles of chimney with schedule of dimensions, the classes applicable and drawing numbers	24.10.13	1913	-	-	P-C	497	2
18964	Alterations to gauge Glass Protectors	Full size elevations and plan of protector	27.10.13	1913	-	-	P-C	487	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
18969	Six Wheels Coupled Goods Engines Class G58, L52, G58 Superheater-Arrangement and Details of Stone's Patent Blast Gear and	3" to 1' arrangement of gear and 6" to 1' and full size details of components Endorsed: altered 29.6.14	- .5.21	1921	G58	J16-17	PL-C	475	2
18971	Six Wheels Coupled Express Engines Class R75 and Goods Engines Class D81-	Full size section of tube	14.1.14	1914	R75 D81	B12 J20	PL-C	512	2
18974	Six Wheels Coupled Bogie Express Engines Class F69-Piston with Wide Rings	Full size section and plan of piston showing rings Endorsed: altered 29.3.14 7 & 10.9.40; for piston rod see Dg No 17229	7.11.13	1913	F69	B12	PL-C	503	2
19004	Six Wheels Coupled Coal Engines Class E72-Arrangement of Stone's Blast Pipe Gear and Spark Defector and Details	3" to 1' arrangement of gear and full size details of components Endorsed: altered 6.1.14 and 19.3.15	10.12.13	1913	E72	J18	PL-C	495	3
19014	Six Wheels Coupled Bogie Express Engines S69 Class-Arrangement of Schmidt's Steam Circulating Device	3" to 1' arrangement of apparatus shown within smoke box and cylinders Endorsed: this drawing not worked to, superseded by Dg No 19129 9.2.14	16.12.13	1913	S69	B12	PL-C	578	2
19015	Six Wheels Coupled Bogie Express Engines Class S69-Details for Schmidt's Steam Circulating Device	Full size elevations, sections and plans of 13 components Endorsed: altered 19.2.14	15.12.13	1913	S69	B12	PL-C	500	2
19017	Four Wheels Coupled Bogie Express Engines D56 Class-Connection Fittings on Engine and Tender for Flexible Metallic Feed-Pipe	6" to 1' elevations and plans of pipe and bends	15.12.13	1913	D56	D15	PT-C	520	2
19023	Six Wheels Coupled Bogie Express Engs. S69 Class-Snifting Valve and Connection to Header	Full size elevations, sections and plan of components Endorsed: altered 23.2.14, 22.6.15 & 10.1.22; this drawing superseded for snifting valve (engines class 1500) see Dg No 22333	9.12.13	1913	S69	B12	PL-C	476	3
19023 Part	Alterations to Snifting Valve D56, T19 & E72 Classes	Full size sectional elevations of connections to header	26.2.14	1914	D56	D15	PL-C	476	3
19024	Six Wheels Coupled Bogie Express Engines Class R75-Cast Iron Header for Schmidt Superheater	6" to 1' elevations, section and plan of header Endorsed: altered 20.2.14, 21.4.14 & 12.10.34	- .1.14	1914	R75	B12	PL-C	501	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19052	Protection Plate for Large Tenders and S23 Class Tenders with T26 Class Engines	1½" to 1' end elevation of plates and angles for large tenders and S23	16.1.14	1914	S23	-	PL-C	524	2
19065	Six Coupled Goods Engines G58 Class with Robinson's Superheater-Balance Slide Valve GN Pattern	Full size elevations and plan of slide valve Endorsed: altered 16.6.15 14.5.19 for 1830 engine and last D67 class	26.1.14	1914	G58	J17	PL-C	483	4
19065 Att	Six Wheels Coupled Goods Engines G58 Class Fitted with Superheater-Valve Spindle	6" to 1' plan of spindle	- .9.15	1915	G58	J17	PL-C	483	2
19080	Four Wheels Coupled Bogie Express Engines Class D56 Fitted with Schmidt Superheater-Arrangement of Stones Blast Pipe and Details	3" to 1' arrangement of blast pipe and 6" to 1' details Endorsed: the word 'Schmidt' has been deleted from title; altered 24.7.14 and 14.1.16	26.5.14	1914	D56	D15	PL-C	549	3
19084	Six Wheels Coupled Tank Engines Classes S56 and G75-Footboard	1½" to 1' elevations and plan of timber footboard My comment: originally attachment to Dg No 9454	12.11.13	1913	S56	B12	PL-C	486	1
19115	1 ¼ Inch Relief Valve & Tee Piece for Engines for Engines Fitted with Steam Heating Apparatus	Full size elevations and sections of components	29.12.14	1914	-	-	PL-C	490	2
19129	Six Wheels Coupled Bogie Express Engines S69 Class-Arrangement of Schmidt's Steam Circulating Device	3" to 1' arrangement shown on outline section and elevation of smokebox	26.2.14	1914	S69	B12	PL-C	549	2
19141	Express and Goods Engines Classes S46, D56, F48, G58, E72, S69, D81, L77-Smokebox Door Details	Full size details of numerous components Endorsed: altered 29.5.14 and 12.3.30; also see Dg No 25796	14.5.14	1914	S46 D56 F48 G58 E72 S69 D81 L77	D14 D15 J16 J17 J18 B12 J20 N7	PL-C	526	2
		Full size details of ends							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19146	Coupling Ends of Westinghouse Steam Heating Pipes	Endorsed: for other details see Dg No 18689 My comment: on same stick as Dg No 18689	24.2.14	1914	-	-	PC	550	
19155	Six Wheels Coupled Tank Engines Class S56, C72-Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement shown in relation to cab and footplate with full size details	-	1914	S56	J69	PL-C	472	4
19155 Att	Six Wheels Coupled Tank Engines Class S56-Part Arrangement and Details of Steam	1½" to 1' arrangement within cab and full size details of connections	22.7.24	1924	S56	J69	PL-C	472	3
19155 Att 2	Six Wheels Coupled Tank Engines S56 Class & R&S24 Class-Part Arrangement and Details of Steam Heating to Suit GC Pattern Steam Heating Valve	1½" to 1' arrangement of pipework and full size details of fittings Endorsed: for arrangement of other steam heating pipes see main drawing 19155; 10 engines only of these classes	31.7.24	1924	S56 R&S24	J69 J67	PL-C	472	4
19158 -1	Four Wheels Coupled Express Engines Classes D13 & D15, J17 & N7-Cast Iron Header for Robinson's Superheater	6" to 1' elevations, sections and plan of header	3.3.14	1914	-	D13 D15 J17 N7	PL	487	1
19159	Seating for Dewrance's Asbestos Packed Steam Cock for Mechanical or Sight Feed Lubricators	Full size elevation and plan of seatings for Belpaire and round topped boilers Endorsed: altered 10.3.14	26.2.14	1914	-	-	PL-C	535	2
19179	Proposed Position for Thermo Couple in Header T19 Class	6" to 1' arrangement of couple in relation to smokebox and full size details of components	25.3.14	1914	T19	-	PT-C	499	2
19180	Four Wheels Coupled Bogie Express Engines Class D56-Alteration to Lubrication of Trailing Axlebox	6" to 1' arrangement of valves and pipework and for existing and new boxes and full size elevations and plans of components Endorsed: for alteration of lubrication pipes see Dg No 21942 5.6.18	17.3.14	1914	D56	D15	PL-C	483	2
19220	Foundation Ring Six Wheels Coupled Radial Tank Engines Class L77	3" to 1' plan and elevation of ring and full size details of riveted corners	5.6.14	1914	L77	N7	PL-C	538	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19221	Six Wheels Coupled Radial Tank Engines Fitted with Superheater Class L77-Boiler	1½" to 1' elevations, plan and sections of boiler with full size details of riveted joints Endorsed: for boiler for engines K85 class see Dg No 21978 7.9.20	26.5.14	1914	L77	N7	PL-C	490	2
19222	Six Wheels Coupled Radial tank Engines Class L77-Cast Iron Header for Schmidt's Superheater	6" to 1' elevations and sections of header Endorsed: altered 12.10.34; see 19266 for header for Robinson's superheater 25.9.14	- .4.14	1914	L77	N7	PL-C	485	1
19224	Six Wheels Coupled Radial Tank Engines Class L77-Boiler Stays	Full size details of 6 types of stay Endorsed: altered for K89 class 24.8.23	29.5.14	1914	L77	N7	PL-C	479	1
19225	Six Wheels Coupled Radial Tank Engines Class L77-Front Cylinder Cover	Full size elevation and section of cover Endorsed: altered 11.11.14, 4.35 & 7.6.39	22.4.14	1914	L77	N7	PL-c	474	3
19226	Six Wheels Coupled Radial Tank Engines Class K89, N7-Piston and Rod	Full size elevations, section and plan of component Endorsed: substantially altered 20.10.25, 8.34, 11.5.48, 9.51 and 29.5.51; for piston head for K89 class engines see Attachment to Dg No 19226 12.9.23	22.4.14	1914	K89	N7	PL-C	540	4
19226 Att	Six Wheels Coupled Radial Tank Engines Class K89-Alteration to Piston Head and Rings to Suit Superheater Steam	Full size section and elevation of piston head Endorsed: altered 24.4.26 and 10.9.40; for other dimensions see main Dg No 19226	14.9.23	1923	K89	N7	PL-C	540	3
19227	Six Wheels Coupled Radial Tank Engines Class L77-Steam Superheating Elements (Schmidt)	3" to 1' elevations of elements with sections and full size details Endorsed: see Dg No 19268 for Robinson's superheating elements 29.9.14	25.5.14	1914	L77	N7	PL-C	471	1
		Full size section, elevation and plan with details of ring when open							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19230	Six Wheels Coupled Radial Tank Engines Class L77-Piston Valves and Spindle	Endorsed: see Dg No 19271 for piston valves and spindle for engines fitted with Robinson's superheater 15.10.14; altered 13.7.21	30.7.14	1914	L77	N7	PL-C	488	
19231	Six Wheels Coupled Radial Tank Engines Class L77-Valve Chest Covers	Full size section and end elevation of cover Endorsed: altered 14.10.14	30.6.14	1914	L77	N7	PL-C	530	2
19231-1	0-6-2 Tank Engines Type N7 with Motion Arrangement to Dg No 25931-Valve Chest	Full size section and end elevation of cover	27.9.29	1929	L77	N7	PL	530	2
19232 Ren	Engines Type N7 (Short Valve Travel)- Arrangement of Motion (Walshaerts)	3" to 1' elevations and plan of motion Endorsed: see Dg No 19233 for details of motion	20.4.42	1942	-	N7	PL	583	1
19233 Ren	Six Wheels Coupled Radial Tank Engines Class N7-Details of Motion	Full size details of numerous components Endorsed: for cross head arm see Dg No 34525	- .7.14	1914	-	N7	PL	522	2
19234	Six Wheels Coupled Radial Tank Engines L77- Cast Steel Motion Plate	3" to 1' elevations and plan of plate and full size section	26.5.14	1914	L77	N7	PL-C	547	3
19235 Ren	Six Wheels Coupled Radial Tank Engines Type N7-Crosshead	Full size elevations, sections and plan of crosshead Endorsed: numerous alterations to 29.1.48	28.11.30	1930	-	N7	P	557	2
19236	Six Wheels Coupled Radial Tank Engines Class L77-Cylinders	3" to 1' elevations, sections and plans of cylinders Endorsed: altered 4.35; all future cylinders to be to the long valve travel pattern for which see Dg No 35613-E 4.46	19.5.14	1914	L77	N7	BP-L	530	1
19236 Att Ren	0-6-2 Engines Type N7 with Motion Arrangement to Dg No 25931E-Valve Travel 5 5/8"-Alteration to Cylinders to Suit Piston Valve Bushing to Dg No 26360E	3" to 1' sectional elevation and plan of cylinder Endorsed: all future cylinders to be to the long valve travel pattern for which see Dg No 35613-E 4.46	23.3.26	1926	L77	N7	PL	530	1
19238	Six Wheels Coupled Radial Tank Engines Class L77-Expansion Bracket	6" to 1' elevation and plan of bracket and full size section showing method of fixing	20.8.14	1914	L77	N7	PL-C	529	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19240	Six Wheels Coupled Radial Tank Engines L77 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' sections of top part of boiler showing equipment and full size details of clips Endorsed: top feed not required; for side feed on L77 class engine see Dg No 19272 8.9.31	21.10.14	1914	L77	N7	P-C	569	3
19241	Six Wheels Coupled Radial Tank Engines Class L77, K85-Reservoir Footplate	3" to 1' elevations, sections and plan of cast iron footplate with 6" to 1' sections and plan of inspection plate and cramp Endorsed: altered for K85 11.11.20	30.6.14	1914	L77 K85	N7	PL-C	595	2
19242	Six Wheels Coupled Radial Tank Engines Class L77-Slide-Bar	3" to 1' elevation and plan of complete bar and full size details Endorsed: altered 14.8.33	19.6.14	1914	L77	N7	PL-C	554	3
19243	Six Wheels Coupled Radial Tank Engines Class L77-Connecting Rod	Full size elevations and plan of ends of rod and 3" to 1' of complete rod and strap Endorsed: altered 3.7.17, 15.7.21 and 8.33; superseded see Dg No 26285-1	30.6.14	1914	L77	N7	PL-C	544	4
19243 Att	Six Wheels Coupled Radial Tank Engines L77, N7-Connecting Rod Strap with Wire Trimming	Full size section and plan of strap Endorsed: altered 12.8.25 21.12.25 and 6.4.27	- .6.25	1925	L77	N7	PL-C	544	2
19245	Six Wheels Coupled Radial Tank Engines Class L77-Blast-Pipe	6" to 1' elevations, sections and plan of blast pipe Endorsed: for details of brackets for spark deflectors see Dg No 19280; cancelled see Dg No 22811 21.12.20	15.9.14	1914	L77	N7	PL-C	512	2
19246	Six Wheels Coupled Radial Tank Engines Class L77-Cast Steel Wheels	3" to 1' elevations and sections of wheels 4' 3" diameter on rim and full size section of rim and tyre Endorsed: see 22834 for L, D and I wheels L77 and K85 and Dg No 22837 for trailing wheels L77 and K85 17.12.20	9.7.14	1914	L77 K85	N7	PL-C	578	2
19247	Six Wheels Coupled Radial Tank Engines	1½" to 1' side elevation and plan of frame of	19.9.14	1914	L77	N7	PL-C	500	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19247	Class L77-Framing	Endorsed: numerous alterations to 5.35	5.9.14	1914	L77	N7	PL-C	500	
19248	Six Wheels Coupled Radial Tank Engines Class L77-Chimney	6" to 1' elevation, section and half plan of brass rimmed chimney 1' 10 ¼" high Endorsed: see Dg No 23287 for K85 21.12.20	24.7.14	1914	L77	N7	PL-C	547	2
19249 Ren	Six Wheels Coupled Radial Tank Engines Class L77-Cab, Tanks and Coal Bunker	1½" to 1' elevations and plan of cab and bunker Endorsed: alterations to 1.42; original drawing dated 10.14	14.8.32	1932	L77	N7	PL	573	2
19249 Att 1	Six Wheels Coupled Radial Tank Engines Class L77 (No 100 Class)-Alteration to Cab Roof	1½" to 1' elevation and section showing revised profile of roof Endorsed: altered 10.12.20 and 25.5.25; work to this drawing for K85, further dimensions see main drawing 25.11.20	19.10.20	1920	L77	N7	PL-C	573	3
19249 Att 2	Six Wheels Coupled Radial Tank Engines Class K85-Alteration to Front Cab Plate	1½" to 1' part elevations of plate	8.4.21	1921	K85	N7	PL-C	573	3
19249 Att 3	Six Wheels Coupled Radial Tank Engines Class K85-Arrangement of Tank Protection	1½" to 1' sections showing position of plates in tank	12.4.21	1921	K85	N7	PL-C	573	2
19249 Att 4	Six Wheels Coupled Radial Tank Engines Class K85-Alteration to Destination Board	1½" to 1' elevation of inside rear of cab showing original and proposed position of	1.10.21	1921	K85	N7	PL-C	573	2
19250	Six Wheels Coupled Radial Tank Engines Class L77-Smokebox	3" to 1' sectional elevations of smokebox, superheater and cylinders Endorsed: altered 21.12.20; see Dg No 21980 for K85 21.12.20	17.11.14	1914	L77	N7	PL-C	592	3
19250 Att	Six Wheels Coupled Radial Tank Engines Class L77 (Non Superheater)-Smokebox	6" to 1' sectional elevations of smokebox Endorsed: for other dimensions see Dg No 19250; for K85 see Dg No 21980	12.12.14	1914	L77	N7	PL-C	592	2
19250 Att	Six Wheels Coupled Radial Tank Engines Class L77-Part Arrangement of Smokebox with Shorter Blast Pipe and Petticoat	3" to 1' sectional elevations of smokebox Endorsed: for other dimensions see Dg No 19250; for K85 see Dg No 21980	14.9.15	1915	L77	N7	PL-C	592	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19251	Six Wheels Coupled Radial Tank Engines Class L77-Ashpan Arrangement	3" to 1' elevations, section and plan of ashpan	30.10.14	1914	L77	N7	PL-C	568	3
19252	Six Wheels Coupled Radial Tank Engines Class L77-Ashpan Details	Full size details of numerous components	31.10.14	1914	L77	N7	PL-C	524	4
19253	Six Wheels Coupled radial Tank Engines Class L77, Type N7-Leading Axlebox	Full size elevations, sections and plan of axlebox Endorsed: for alteration to crown of axlebox see Dg No 35284 Amended	- .8.14	1914	L77	N7	PL	551	2
19253	Six Wheels Coupled Radial Tank Engines L77 Class-Leading Axlebox fitted with Controlling Gear	Full size elevations, sections and plans of axlebox Endorsed: altered 27.8.23, 24.1.28 5.35; superseded by Dg No 32291 5.35	2.9.14	1914	L77	N7	PL-C	603	3
19254	Six Wheels Coupled Radial Tank Engine L77-Tank Connection Pipes	3" to 1' elevation of assembly and full size elevation and plan of pipe	21.8.14	1914	L77	N7	PL-C	529	2
19255	Six Wheels Coupled Radial Tank Engines L77-Eccentric Rod and Strap	Full size elevation and plan of strap Endorsed: altered 8.33	31.8.14	1914	L77	N7	PL-C	546	3
19256	Six Wheels Coupled Radial Tank Engines Class L77-Cab Front Windows	3" to 1'elevation of windows and full size details of components Endorsed: altered 14.6.16 and 15.6.38; see 23189 for K89 class	10.10.14	1914	L77	N7	PL-C	561	3
19257	Six Wheels Coupled Radial Tank Engines Class L77, N7-Arrangement and Details of	1½" and 3" to 1' details of components	- .9.14	1914	L77	N7	PL	587	1
19258	Details of Large Westinghouse Pump, Top Cover, Intermediate Piece and Bottom Cover	Full size elevations, sections and plans of components	6.2.14	1914	-	-	PL-C	605	2
19259	Six Wheels Coupled Radial Tank Engine Class L77 and K89-Trailing Axle	3" to 1' elevation of axle	14.5.14	1914	L77	N7	PL-C	562	2
19260	Cylinders for Large Westinghouse Pump Steam Cylinder 7½" Diam Air Cylinder 8" Diam	Full size elevations and plans of steam and air cylinders	6.11.14	1914	-	-	PL-C	535	2
19261	Westinghouse Brake-Details of Large Pump	Full size details of numerous components Endorsed: altered 10.3.15 and 12.4.15	17.11.14	1914	-	-	PL-C	521	2
19262	Frame and Boiler Stay Six Wheels Coupled Radial Tank Engines Class L77	3" to 1' arrangement of stay and full size details of fixing	29.9.14	1914	L77	N7	PL-C	562	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19263	Six Wheels Coupled Radial Tank Engines Class L77, N7-Eccentric Sheave	Full size elevations and plan of sheave Endorsed: superseded for renewals, see Dg No 36786 7.52	7.10.14	1914	L77	N7	PL-C	542	2
19264	Six Wheels Coupled Radial Tank Engines Class L77-Trailing Spring	Full size elevation, section and plan of 17 plate spring 2' 11 5/8" centres unloaded Endorsed: altered 12.33	7.11.14	1914	L77	N7	PL-C	506	2
19265	Six Wheels Coupled Tank Engines Class L77-Cab Side Windows	3" to 1' elevations and plan of window and full size details of construction and fittings	12.11.14	1914	L77	N7	PL-C	475	2
19266	Six Wheels Coupled Radial Tank Engines Class L77-Cast Iron Header for Robinson's Superheater	6" to 1' elevation, section and plan of header Endorsed: altered 12.10.34; superseded see Dg No 19158	29.9.14	1914	L77	N7	PL-C	603	2
19268	Steam Superheating Elements for Robinson's Superheater	3" to 1' elevations of elements with full size details and spacing pieces	26.9.14	1914	-	-	PL-C	505	2
19269	Six Wheels Coupled Radial Tank Engines Class L77-Steam Pipe Connection	Full size elevations and plan of connection Endorsed: see Dg No 23351 for cast iron steam pipe connection for K85	21.10.14	1914	L77	N7	PL-C	546	2
19270	Six Wheels Coupled Radial Tank Engines Class L77-Leading Sandbox and Splasher	3" to 1' elevations and plan of sandbox and splasher and full size details of components Endorsed: altered 15.3.55	21.10.14	1914	L77	N7	PB-C	563	2
19271	Six Wheels Coupled Radial Tank Engines Class L77-Piston Valve and Spindle for Engines Fitted with Robinson Superheater	Full size elevation of spindle and valve Endorsed: for piston valves (with narrow rings) and spindle for engines class K85 see Dg No 22806 22.10.20; see 32716 for parallel end for new spindles and crosshead 6.36	14.10.14	1914	L77 K85	N7	P-C	496	4
19272	Six Wheels Coupled Radial Tank Engines Class L77-Arrangement of Rod, Pipe and Clothing, Injector Gear, Mechanical Lubricator, Steam Heating, Sanding and	1½" to 1' sectional side and end elevations of engine No 1000 and plan Endorsed: numerous alterations to 7.46; see Dg No 22843 for K85	12.12.14	1914	L77	N7	PL-C	525	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19273	Six Wheels Coupled Radial Tank Engines Class L77-Tank Stays	Full size elevations of stays with sections showing method of fixing Endorsed: altered 23.11.14; for K89 work to this drawing for tank stays on boiler barrel only, for tank stays on firebox see Attachment 28.9.23; altered 28.10.27	21.10.14	1914	L77	N7	P-C	574	3
19273 Att	Six Wheels Coupled Radial Tank Engines Class K89-Tank Stays	Full size elevations of stays with sections showing method of fixing Endorsed: altered 10.10.23 and 28.10.27	12.9.23	1923	K89	N7	PL-C	574	2
19274	Six Wheels Coupled Radial Tank Engines Class L77, N7-Details of Cylinder Cock Gear	Full size details of numerous components	21.10.14	1914	L77	N7	BP-L	550	1
19275	Six Wheels Coupled Radial Tank Engines Class L77-Brake Arrangement	1" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered 13.11.20; for brake arrangement K85 see Dg No 23147	26.10.14	1914	L77	N7	PL-C	548	3
19276	Six Wheels Coupled Radial Tank Engines L77 Class-Details of Condensing Gear	3" to 1' details of numerous components	17.11.14	1914	L77	N7	PL-C	566	2
19278 Ren	Six Wheels Coupled Radial Tank Engines Class N7-Brake Details	3" to 1' details of numerous components Endorsed: altered 27.10.30, 13.7.33 and 7.34	17.11.14	1914	-	N7	PL	523	1
19279	Six Wheels Coupled Radial Tank Engines Class L77-Leading and Trailing Sanding Gear Details	6" to 1' and full size details of components Endorsed: undated alterations	10.11.14	1914	L77	N7	PL-C	470	2
19280	Six Wheels Coupled Radial Tank Engines Class L77, K85-Spark Deflector and Draught Retarder Details	6" to 1' details of components Endorsed: altered 15.9.15; for K85 10.12.20, see Attachment for K89 23.10.23	2.12.14	1914	L77 K85	N7	PL-C	584	3
19280 Attach	Six Wheels Coupled Radial Tank Engines Class K85-Details of Spark Deflector on Blast	3" and 6" to 1' details of 4 components	23.10.23	1923	K85	N7	PL-C	584	2
19281	Six Wheels Coupled Radial Tank Engines Class L77 Rod, Pin, Clothing, Steam	1½", 3" and 6" to 1' elevations of plans of numerous components	2.12.14	1914	L77	N7	PL-C	401	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19281	Class L77-Rod, Pipe, Clothing, Steam Heating and Mechanical Lubricating Details	Endorsed: see Dg No 23412 for K85 9.9.20	2.12.14	1914	L77	N7	PL-C	491	
19281	Six Wheels Coupled Radial Tank Engines Class L77-Rod, Pipe, Clothing, Steam Heating, Mechanical Lubricating Details	1½", 3" and 6" to 1' and full size details of numerous components My comment: print updated to 1938	2.12.14	1914	L77	N7	P	557	1
19282	Six Wheels Coupled Radial Tank Engines Class L77, N7-Spring Gear Details	6" to 1' and full size details of components Endorsed: altered 5.35	- .11.14	1914	L77	N7	P	562	1
19282-1	Leading and Intermediate Spring Hangers L77 Class-Alteration to Limit Drop of Spring	Full size section of component	8.10.31	1931	L77	N7	BP-L	562	1
19283	Six Wheels Coupled Radial Tank Engines Class L77-Arrangement of Cylinder Clothing	3" to 1' section of cylinder and elevation of clothing	25.11.14	1914	L77	N7	PL-C	523	2
19284	Six Wheels Coupled Radial Tank Engines Class L77-Steam Pipe Connection on Boiler	Full size elevations and section of connector for non superheat engine only Endorsed: cancelled see Dg No 19287 21.1.15	25.11.14	1914	L77	N7	PL-C	518	1
19285	Six Wheels Coupled Tank Engines L77 Class-Footboard	1 ½" to 1' elevations and plan of footboard	10.12.14	1914	L77	N7	PL-C	461	1
19287	Six Wheels Coupled Radial Tank Engines L77 Class-Steam Pipe Elbow with Snifting Valve Connections	Full size elevations and plan Endorsed: snifting valve drawing Dg No 19023 and Attachment	19.1.15	1915	L77	N7	PL-C	509	2
19314	Proposed Position of Thermo Couple in Header S69 Class with Cast Iron Headers Schmidt Type	6" to 1' elevation of engine showing position of thermo couple and full size details of components	24.4.14	1914	S69	B12	PT-C	535	1
19332	Arrangement of Bolster Springs for Bogies of Restaurant Cars L76 and M76	3" to 1' sectional elevation showing springs and details of components Endorsed: for GA of bogie see Dg No 16935; T, X & Y76 and future main line stock; altered 31.5.16	24.4.14	1914	L76 M76	31C 431C	PL-C	521	2
19355	Westinghouse Brake-Arrangement of Large Pump, Steam Cylinder 7½" Diameter, Air Cylinder 8" Diameter	Full size elevations and section of pump	22.6.14	1914	-	-	PL-C	586	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19362	Six Wheels Coupled Express Engines Class S69-Supports for Piston Valves	3" to 1' sectional elevation and plan of supports and 6" to 1' details of components Endorsed: altered 9.11.31	- .5.14	1914	S69	B12	PL	570	1
19362	Six Wheels Coupled Express Engines Class S69 and Super Coal Engines Class M87-	3" to 1' section elevation and plan showing valves and guides and 6" to 1' elevations,	26.6.14	1914	S69 M87	B12 J20	PL-C	597	3
19369	Four Wheels Coupled Express Engines Class D56-Arrangement of Robinson's Superheater and Draught Retarder	3" to 1' elevations and sections of smokebox showing arrangement of tubes and retarder	- .9.15	1915	D56	D15	PL-C	517	3
19373	Mid Suffolk Railway Boiler No 2-Copper Tube Plate	6" to 1' elevation of tube plate	9.7.14	1914	-	-	PL-C	485	2
19386	Six Wheels Coupled Radial Tank Engines L77 Class-Cast Iron Footstep for Flap Plate	Full size elevations and plan of plate	16.1.15	1915	L77	N7	PL-C	464	2
19388	Steam Cock for Retarder 'Robinson' Superheater Engs. D56 Class	Full size elevation, section and plan of cock Endorsed: B78 class added 29.10.17; work to attachment for D56 class repaired with single wrapper smokeboxes 20.10.17	19.6.14	1914	D56 B78	D15 Y4	PL-C	557	2
Att 19388	Steam Cock for Retarder-'Robinson's' Superheater Six Wheels Coupled Radial Tank Engine L77	Full size elevation and plan of cock Endorsed: class T19 added 31.5.15; D56 with single wrapper smokeboxes 25.10.17; T77 and D81 added undated	18.11.14	1914	L77 T19 T77 D81	N7 D13 J19 J20	PL-C	557	2
19396	Four Wheels Coupled Shunting Tank Engines Class B77-Front Cab Windows	3" to 1' elevations of windows and full size details of fittings and components Endorsed: altered 14.6.16; for window guard see Dg No 34869	29.6.14	1914	B77	Y4	PL-C	471	3
	Four Wheels Coupled Bogie express Engines D56 Class Fitted with Robinson's	6" to 1' part elevation of wrapper plate showing position of pyrometer and full size details of components			D56	D15			1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19416	D50 Class Fitted with Robinson's Superheater-Position and Details of Thermo Couple for Pyrometer in Header	Endorsed: altered for class L77 25.9.14 and for T19 Belpaire and F48 class 2.3.15	18.7.14	1914	L77 T18	N7 J66	PL-C	562	
19441	Four Wheels Coupled Shunting Tank Engines B74 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' arrangement shown in relation to part section of boiler and dome and full size details of clips and flange Endorsed: altered 1.9.14 and 30.1.32; top feed not required for side feed see Dg No 18544 30.1.32	21.8.14	1914	B74	Y4	PL-C	541	1
19539	Six Wheels Coupled Bogie Express Engines Class S69 and Goods Engines Class D81-Front Cylinder Cover and Tightening Bolt	6" to 1' sectional elevation of cover and full size constructional detail Endorsed: altered 16.11.16, 9.34 and 4.35	18.8.14	1914	S69	B12	PL-C	516	2
19550	4-4-0 Express Engines T19 Class 25 Inch Stroke without Tail Rods Fitted with Superheater-Front Cylinder Cover	Full size section and elevation of cover Endorser: for blank cylinder cover for existing superheater engines with tail rods removed see Dg No 17227	31.8.14	1914	T19	D13	PL-C	504	2
19554	Arrangement of 20 Ton Loco Coal Wagon Class H77	1½" to 1' general arrangement of 21'6" steel bodied open wagon with 12' wheelbase including ¼ plan of underframe Endorsed: altered 30.4.35 in respect of drawgear	-11.14	1914	H77	46W	PL-C	544	2
19555	20 Ton Coal wagon Body Details Class H77	1½" and 3" to 1' details of numerous steel body components Endorsed: for arrangement of wagon see Dg No 19554	22.1.15	1915	H77	46W	PL-C	530	2
19556	20 Ton Loco Coal Wagon-Underframe Details Class H77	1½" and 3" to 1' details of numerous components Endorsed: altered 23.3.15 & 12.12.16	12.1.15	1915	H77	46W	PL-C	473	2
	Diagram Showing Alteration to Existing	¼" to 1' plan showing 2-4-2 Tank engine, a luggage composite and third class carriage with corridor connection and a drivers compartment							1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19621	Diagram Showing Alteration to Existing Stock to Form and Auto Train for Mildenhall-Cambridge Service	Endorsed: see Dg No 19622 for arrangement of fittings in drivers compartment My comment: the service has been altered on this drawing from the original	9.9.14	1914	-	-	PL-C	516	
19622	Auto-Train for Mildenhall-Cambridge Service-Arrangement of Drivers Compartment and Arrangement of Cocks on Headstocks	1" to 1' sectional elevations and plan of end of end of clerestory carriage showing pipework arrangement and 1 ½" to 1' and full size details of brackets and clips Endorsed: altered 18.8.20	29.9.14	1914	-	-	PL-C	530	2
19625	Six Wheels Coupled Coal Engines Class G58 Fitted with Superheater-Tee-Piece for Steam-Pipe Connections	6" to 1' elevations of components Endorsed: for steam pipes see Dg No 19211	9.12.14	1914	G58	J17	PL-C	517	2
19628	Details of Radial Axle Box for Tank Engines Classes P55, L77, G69 Types N7, F4, 5 & 6	3" to 1' details of components	14.10.14	1914	P55 G69 L77	F4 F5 F6 N7	PL	471	1
19629	Four Wheels Coupled Radial Tank Engine Y65 Class-Box for Electrical Resistance for Auto Train Control	Full size sectional elevations and plan of wooden box	29.9.14	1914	Y65	F7	PL-C	605	2
19739	Arrangement of Spark Deflector on Smokebox Door for all Engines fitted with 4Ft 7Ins Doors	6" to 1' section and front elevation of door with deflector Endorsed: altered 17.3.15; for other dimensions of door see Dg No 16495; for details see Dg No 19141	25.11.14	1914	-	-	PL-C	518	3
19797	Reducing Valve for Steam Heating Apparatus	Full size elevations, sections and plans of valve and their components Endorsed: altered 8.3.34	2.2.15	1915	-	-	PL-C	556	3
19802	Six Wheels Coupled Bogie Express Engines Class B78-Crank Axle	3" to 1' elevations of axle Endorsed: altered 7.25	23.3.15	1915	B78	B12	PL-C	494	2
19821	Metallic Packing for Valve Spindles Engines Classes I45, S45, X45 (J15), P55, F4	Full size section and elevation of spindle and guide and details of components	15.12.14	1914	I45 S45 X45 P55	J15 F4	BP-C	548	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19822	Six Wheels Coupled Bogie Express Engines Class B78 and Coal Engines Class T77 and D81 fitted with Robinson Superheater-Piston Valves and Spindle	Full size sectional elevation of component Endorsed: altered 6.3.1 &, 1.6.22; for steel cover plate see Attachment Dg No19822	- .12.14	1914	B78 T77 D81	B12 J19 J20	PL-C	467	4
19822 Att 1	Six Wheels Coupled Bogie Express Engines Class B78 and Coal Engines Class T77 fitted	Full size elevation and section of plate	- .1.21	1921	D56 T77	B12 J19	PL-C	467	2
19822 Att 2	10 Inch Robinson Type Piston Valve with Pressure Relief Valve	Full size side elevation, section and end elevation of piston vale with part development of steam ports on inside of bushing Endorsed: for other dimensions see Dg No 19822	6.3.24	1924	-	-	PL-C	467	2
19873	Valve Spindle for Engines Classes Y14, P55	Full size elevation and section of spindle	19.1.15	1915	Y14	J15	PL-C	558	4
19874	Six Wheels Coupled Bogie Express Engines S69 Class-Cast Iron Header for Robinson Superheater	3" to 1' elevations and section of header Endorsed: numerous alterations to 23.10.34	- .2.15	1915	S69	B12	PL-C	570	3
19877	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of the Weir Pump, Heater and Spray Valve	1½" to 1' arrangement shown on outline elevations and half plan of engine Endorsed: altered 4.1.23	28.1.15	1915	D56	D15	PL-C	602	2
19877 Att	Four Wheels Coupled Bogie Express Engines D56 Class-Alteration to Engine with	1½" to 1' alterations shown on part elevation and plan of smokebox	- .1.23	1923	D56	D15	PL-C	602	3
19877 Att	Four Wheels Coupled Bogie Express Engines Class D56 with Weir's Pump and Heater-	1½" to 1' part arrangement of pipes shown on outline of rear part of engine	26.2.15	1915	D56	D15	PL-C	602	2
19880	Six Wheels Coupled Express Engines Class S69-Arrangement of Pipes and Gear for Davies & Metcalfe's No 10 Exhaust Steam Injector	1½" to 1' arrangement shown on half plan of frame Endorsed: altered 18.5.36; for details see Dg No 19955	8.3.15	1915	S69	B12	PL-C	482	1
19903	Six Wheels Coupled Goods Engine Class E72-Arrangement of Pipes and Fixings for Weir	1½" to 1' arrangement shown on outline elevations and plan of engine	19.1.15	1915	E72		PL-C	535	2
19906		6" to 1' elevation, sections and plans of components							1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	Trailing Hornblock and Axlebox Class B12/3	Endorsed: drawing incorporates axlebox to Dg No 29572; for axleboxes with side plates see previous drawing same number dated 2.15	25.6.53	1953	-	B12/3	PL	577	
19913	Express and Goods Engines Classes D56 and E72-Details Required for Engines Fitted with the 'Weir' Feed Water Heater	6" to 1' elevations and sections of numerous components Endorsed: altered 26.2.15	27.1.15	1915	D56 E72	D15 J18	PL-C	509	2
19913 Att	Casting To Take Snifting Valve on Engine No 1240 (D72 Class) Fitted with Weir Pump and	Full size elevations, section and plan of casting	9.3.15	1915	D72	J18	PL-C	509	2
19933	Four Wheels Coupled Express Engines Class T19 Belpaire-Alterations to Lubrication to Trailing Axlebox	6" to 1' arrangement and full size details of fittings Endorsed: altered 5.6.18; for oil boxes in cab see Dg No 10461 Att	15.3.15	1915	T19	D13	PL-C	5897	2
19955	Six Wheels Coupled Express Engines Class S69-Details of No 10 Exhaust Steam Injector Gear	3" and 6" to 1' and full size elevations and plans of numerous components Endorsed: altered 16.11.32	8.3.15	1915	S69	B12	PL-C	511	2
19962	Alteration to Blower Pipe	3" to 1' sectional elevation of smokebox and end elevation showing arrangement of pipe in smokebox	26.2.15	1915	-	-	PL-C	519	2
19965	District Number Plate for Engines	Full size of plate 7" x 4¼" deep, bottom corners rounded off inscribed 'District', number range 1 to 5, showing position on tender and tank engines	18.2.15	1915	-	-	PL-C	515	1
19985	Alteration to Ejector Arrangement on 0-6-0 Tank Engines	1½" to 1' arrangement of pipework shown on part elevations and plan of engine Endorsed: altered 12.9.23	30.3.15	1915	-	-	PL-C	528	4
19988	General Arrangement of 21' 0" x 9' 0" Open Carriage Truck	1½" to 1' elevations, plan and sectional plan of open truck with details of Westinghouse brake, steam heat and vacuum pipes	27.4.15	1915	D78	50M	PL-C	525	3
19989	Ironwork Details for 21' 0" x 9' 0" Open Carriage Truck	3" to 1' details of numerous components and bolts Endorsed: for general arrangement see Dg No 19988	28.5.15	1915	D78	50M	PL-C	527	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
19991	Six Wheels Coupled Tank Engines Class R24, S56-Alteration to Lubrication of Trailing	6" to 1' elevations and sections of lubrication arrangement and full size details	6.4.15	1915	R24 S56	J67 J69	PL-C	504	1
19993	Arrangement and Details of Single Bolster Wagon L78 Class	1½" to 1' general arrangement of 12' long channel steel underframe with 7' wheelbase and 3" to 1; details of either side brake levers Endorsed: for further particulars of wagon see dg No 19161	20.4.15	1915	L78	66W	PL-C	498	2
19995	Six Wheels Coupled Bogie Express Engines Class S69-Injector Steam Cock for Engines with No 10 Exhaust Injector	Full size sections, elevations and plan of cock Endorsed: altered 2.1.18 & 28.5.20	16.3.15	1915	S69	B12	PL-C	498	4
20032	Six Wheels Coupled Coal Engines Class G58 Fitted with Robinson Superheater-Smokebox Arrangement	3" to 1' sectional side and end elevations of smoke to upper part of cylinders Endorsed: for details of spark deflector and blastpipe gear see Dg Nos 20131 & 18969; for addition to framing and alterations to front plate and flap plate see Attachment 3.11.15	9.6.15	1915	G58	J17	PL-C	509	4
20032 Att	Six Wheels Coupled Goods Engines Class G58 with Robinson's Superheater-Addition	3" to 1' side and front elevation of smokebox front plate	1.11.15	1915	G58	J17	PL-C	509	3
20057	Six Wheels Coupled Bogie Express Engines S69-Arrangements and Details of Alterations to Blast Pipe and Spark Deflector Gears	3" to 1' arrangement showing position of equipment in smokebox and details of components	3.5.15	1915	S69	B12	PL-C	534	2
20058	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Robinson's Superheater-Smokebox	3" to 1' sectional side and end elevation of smokebox and part of cylinders Endorsed: altered 21.12.21	2.5.15	1915	T19	-	PL-C	503	4
20076	Guard Trucks for 35 Tons Accident Crane	1" to 1' general arrangement of 26' 10 ½" trucks A and B with 15'6" wheelbase Endorsed: truck B altered 30.4.20 by addition of tank suspended from underframe	28.5.15	1915	-	-	PL-C	536	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20110	Details of Ironwork for Guard Trucks of 25 Tons Accident Crane	1½" and 3" to 1' details of 31 components Endorsed: altered 30.4.20	21.6.15	1915	-	-	PL-C	509	2
Att 20110	Details of Ironwork Guard Truck of 35 Ton Accident Crane	1" and 1½" to 1' details of 26 components Endorsed: details on this Attachment are for B only My comment: trolley truck is 'A' and guard truck 'B'	3.5.20	1920	-	-	PL-C	509	2
20126	5' 1 1/8" Diameter Boiler for Engines Types D14, D15 & D16 and J16, J17, J18 & J19- Pads for Washout Plugs and Mountings on Wrapper Plate	Full size sections and plans of the components Endorsed: altered 8.9.33	10.11.31	1931	-	D14 D15 D16 J16 J17 J18 J19	BP-L	579	2
20131	Six Wheels Coupled Coal Engines Class G58 Fitted with Robinson's Superheater-Details of Spark Deflector Gear and Stones Blast Pipe Gear	6" to 1' and full size details of several components Endorsed: altered for class G58 engines with blast pipe to Dg No 23892	29.7.15	1915	G58		PL-C	513	3
20154	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of Electro Mechanical Train Control	1½" to 1' arrangement of equipment shown on outline side elevation and half plan of engine Endorsed: one engine only LM7463, engine No 1804?	21.7.15	1915	D56	D15	PL-C	503	2
20155	Four Wheels Coupled Express Engines Class D56, E69-Details of Electro-Mechanical Train Control	1½" to 1' arrangement of gear and 6" to 1' and full size details of components Endorsed: altered 14.10.15 and 6.3.16	21.7.15	1915	D56	D15	PL-C	516	3
Att 20155	Gear Cover Plate	3" to 1' elevations and plan of cover plate for train control equipment	10.8.16	1916	-	-	PL-C	516	2
Att 20155	Lever for Electro Mechanical Train Control Gear	Full size elevation and section of lever	28.8.16	1916	-	-	PL-C	516	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20168	Superheater Engines Class G58 and Class D56-United States Metallic Packing for Piston Rods	Full size elevation and section showing position of packing Endorsed: to suit engines with original back cylinder covers	- .5.16	1916	G58 D56	J17 D15	PL-C	507	3
20169	Superheater Engines Class G58 (J17) and Class D56 (D15, D16, D16/3 with Slide Valve) United States Metallic Packing for	Full size plan and sectional elevation of spindle and packing	24.9.15	1915	G58 D56	J17 D15 D16	PL	511	1
20192	Plan of Stratford Works Showing Sewage and Surface Drains	1" to 66' plan of works and running sheds showing drains Endorsed: see Dg No M8130E on stick 1951 copy Copy of SDO Dg No 4972	24.6.14	1914	-	-	PL-C	587	2
20222	Electro Mechanical Train Control-Arrangement and Details of Ramp	1" to 1' side elevation of complete ramp mounted on sleepers and 6" to 1' details of components Endorsed: altered 16.5.19; for details see Dg No 22299 16.5.19	1.8.16	1916	-	-	PL-C	510	2
20231	Lever Hand Thus Steel	1" to 1' elevations and plan of hand lever for War Department purposes Endorsed: altered 14.9.15; cancelled see Dg No 20239 18.9.15 Copy of Vickers Co Dg No 29479P	30.7.15	1915	-	-	PL	474	2
20239	Tank Strainer for Tank Engines	Full size elevation and plan of strainer	17.12.15	1915	-	-	PL-C	510	3
20270	Notice Plate re Air Cock for Water Scoop	Full size elevation of plate 8 3/8" by 4" deep inscribed 'Before Using Water Scoop Enginemen must Satisfy Themselves that the Air Cock under Footboard is Open' Endorsed: for arrangement and details of water scoop gear on 1500 Class tenders see Dg No 22348	17.9.15	1915	-	-	PL-C	499	2
20279	Additional Balance Weights fir Driving Wheels of 2-4-0 Mixed Traffic Engines Type E4 (T26 Class) Fitted with Built-Up Crank Axles	3" to 1' elevation and section of 16 spoke wheel 5'0" on tread	12.9.27	1927	-	E4	PL-C	531	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20388	Six Wheels Coupled Goods Engs. G58 Class Fitted with Superheater-Arrangement and Details of Mechanical Lubricator Gear	1½" to 1' arrangement shown on part elevation and plan of engine with details of components Endorsed: work to the Attached Drawing for the arrangement 20.3.16; altered 2.38	- .10.15	1915	G58	J17	PL-C	506	4
20388 Att	Arrangement of Mechanical Lubricating Gear on Six Wheels Coupled Goods Engines Class G58 Fitted with Superheater	1½" to 1' arrangement shown on part elevation and plan of engine Endorsed: for arrangement and details of cylinder and steam chest lubrication see Dg No 35122; altered 30.6.39	23.3.16	1916	G58	J17	PL-C	506	3
20564	No 28 Ambulance Train for France-Arrangement and Details for Supporting Water Tanks in Staff, Sitting Up Cases and Personnel Cars	1½" to 1' arrangement of water tanks shown on sectional elevations and 3" to 1' plan of body and details of brackets and supports	28.2.16	1916	-	-	PL-C	525	1
20569	1 ½" by 45 degrees Cock for Steam Heating Pipe	Full size sections and elevation of cock My comment: drawing originally dated 20.12.15	29.5.23	1923	-	-	PL-C	498	1
20603	Alteration to Vacuum Brake Arrangement S46 Class	1½" to 1' arrangement shown in cab and 6" to 1' details of components	7.1.16	1916	S46	D14	PL-C	507	4
20615	Six Wheels Coupled Goods Engines G58 Class (Non Superheaters)-Steam Pipe Connection and Steam Pipe (for Engines Fitted with Cylinders as Altered for Superheater Engines)	3" to 1' elevations of pipe and connections	19.1.16	1916	G58	J17	PL-C	508	2
20671	Six and Four Wheels Coupled Tank Engines Classes L77, P55 and G69-Arrangement of Radial Axlebox	3" to 1' elevations, sections and plan of axlebox	14.2.16	1916	L77 P55 G69	N7 F4 F6	PL-C	526	3
20683	Six Wheels Coupled Bogie Express Engines S69 Class-Arrangement and Details for Steam Jet Attachment for Wakefield's Mechanical Lubricator	1 ½" to 1' arrangement on part outline elevation and plan of engines and full size details of components Endorsed: altered 19.2.16 for D81 class; and 22.11.20	22.11.20	1920	S69	B12	PL-C	465	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20699	Six Wheels Coupled Goods Engines Class Y14 Fitted with Steam Brake-Arrangement of Electro Mechanical Train Control	1½" to 1' arrangement shown in relation to elevations and plan of engine cab and footplate Endorsed: altered 20.6.19; for details see Dg No 20700 and Attachment	28.2.16	1916	Y14	J15	PL-C	502	3
20700	Six Wheels Coupled Goods Engines Class Y14 Fitted with Steam Brake-Details of Electro Mechanical Train Control	1½" to 1' elevations and plan for absolute stop with 3" and 6" and full size details of components Endorsed: several alterations in 1919	28.2.16	1916	-	-	PL-C	498	3
20700 Att	Six Wheels Coupled Goods Engines Class Y14 Fitted with Steam Brake-Details of	6" to 1' details of 6 components	- .6.19	1919	Y14	J15	PL-C	498	1
20701	Ribbed Buffer Guides for Travelling Gas Reservoirs	Full size sections and elevations of two guides; B1 1'2" long to replace guide F; guide F1 1'2" long to replace guide B Endorsed: altered 16.10.16, guide B1 altered to G1 14.8.20	6.3.16	1916	-	63W	PL-C	515	2
20728	Alteration to Front Slide Bar Bolts Class S69, D81 Engines	Full size elevations, section and plan of component Endorsed: altered 23.12.21 & 11.34	20.3.16	1916	S69 D81	B12 J20	PL-C	489	3
20771	Six Wheels Coupled Goods Engines Class G58-Boiler	1½" to 1' sectional elevations and plan of boiler and full riveting details Endorsed: altered 4.2.21 and 15.1.24	28.11.16	1916	G58	J17	PL-C	595	4
20900	Six Wheels Coupled Goods Engines E72 Class-Alteration to Sandboxes to Suit New Pattern Sand Trap for Lambert's Water Sanding	3" to 1' sections and plans of leading, trailing and driving sandboxes Endorsed: for leading sandbox alteration for T77 see Attachment Dg No 20900 27.6.16; altered 18.7.16	13.6.16	1916	E72	J18	PL-C	522	2
20900 Att	Six Wheels Coupled Goods Engines T77- Alteration to Leading Sandboxes with	3" to 1; sectional elevations and plan of bottoms	27.6.16	1916	T77	J19	PL-C	522	1
20907	Hyposcope Lever and Gauges	Full size details of 3 components Supplementary Dg No SDO 5225	7.6.15	1915	-	-	PT-C	599	1
20928	Six Wheels Coupled Goods Engines T77-Steel Tube Thro Firebox from Vacuum Ejector	Full size section of tube and elevations of distance pieces and 3" to 1' external elevation of tube	22.6.16	1916	T77	J19	PL-C	498	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
20937	Six Wheels Coupled Goods Engines Class T77-Arrangement of Vacuum Brake Pipes	1½" to 1' arrangement shown arrangement shown on part outline elevations and plan of engine with 6" to 1' details of elbows 27.7.16 for cast iron elbow; for arrangement of steam brake cylinder, levers, hangers, etc see Dg No 11257	19.7.16	1916	T77	J19	PL-C	501	4
20937 Ren	Six Wheels Coupled Goods Engines Class T77 (J19)-Arrangement of Vacuum Brake Pipes	1½" to 1' arrangement shown on outline elevations and half plan of engine and 3" and 6" to 1' details of elbows and flanges Endorsed: for vacuum exhaust drain pipe union positions see Dg No 31338 31.12.35	23.1.25	1925	T77	J19	BP-L	525	2
20962	Six Wheels Coupled Coal Engines Class T77 Fitted with Robinsons Superheater-Smokebox	3" to 1' sectional elevations of smokebox with superheater and blast pipe	19.7.16	1916	T77	J19	PL-C	531	3
20963	Six Wheels Coupled Goods Engines Class T77-Arrangement and Details of Spark Arrester and Blast Pipe Gear	3" to 1' arrangement and gear and 6" to 1' details of components	19.7.16	1916	T77	J19	PL-C	503	3
21023	Arrangement of Large One Horse Van D&P 582	1½" to 1' elevations and plan of covered van 10' length inside	8.5.22	1922	D&P 582	-	PL-C	584	2
21025	General Arrangement of Cattle Wagon	1½" to 1' general arrangement of wagon 18'7" over headstocks with 10'6" wheelbase including sectional plan of underframe and elevations showing position of lamp irons and brake pipes Endorsed: canvas not required 12.8.25 (i.e.on roof)	- .9.16	1916	I79	71W	PL-C	523	3
21095	Four Wheeled Coupled Tank Engines Class G69-Arrangement of Electro Mechanical Train Control	1½" to 1' arrangement shown in relation to back portion of engine and 3" to 1' details of components Endorsed: altered 19.11.20; altered for engine fitted with 'Regan' train control	14.10.16	1916	G69	F6	PL-C	601	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21117	Proposed Lifting Tackle for 40 Ton Crane to be Used in New Engine Repair Shop at Highmeads	3" to 1' arrangement and details of tackle Endorsed: not worked to see 21117; cancelled 1.4.37 now Dg No SDO 5294 My comment: this was originally Dg No 20444	- .8.15	1915	-	-	PT-C	480	1
21119	Six Wheels Coupled Goods Engines T77 Class-Alteration to Steam Brake Handle on Vacuum Ejector	Full size elevations of handle	7.9.16	1916	T77	J19	PL-C	597	1
21145	Arrangement of Electric Light Fittings on 54Ft Steel Underframe	1 ½" to 1' side elevation and plan of underframe showing position of equipment Endorsed: altered 22.6.17 & 14.8.19	17.10.16	1916	-	-	PL-C	479	2
21159	Old Tenders S23 Class Fitted for Carrying Petroleum	1½" to 1' outline elevation and half plan of two tender types, including tank filler to Dg No 10661, showing arrangement of brake operating on one pair of wheels and 6" to 1' details of components Endorsed: work to dimensions shown in red for alteration to vehicles to carry creosote for Admiralty 20.8.17	- .10.16	1916	S23	-	PL-C	483	2
21232	Four Wheels Coupled Radial Tank Engines F6 Class- Automatic Vacuum and Pressure	Full size elevations and plan of valve My note: print dated 25.7.27	27.10.16	1916	-	F6	PL-C	571	2
21242	Four Wheels Coupled Radial Tank Engines G69 Class-Vacuum Brake Ejector Arrangement	1½" to 1' arrangement shown on outline of engine with details of components Endorsed: altered 10.1.28 and 9.50	- .11.16	1916	G69	F6	PL-C	498	4
21242 Att	Position for Drivers Valve on G69 Class Engines Type F6 Fitted with Vacuum Brake	1½" to 1' outline elevation of boiler head showing position of bracket	- .1.28	1928	G69	F6	PL	498	2
21244	Arrangement of One Horse Express Parcel Van	1½" to 1' elevations, sections and plan of 4 wheel van with 8' long body	20.9.17	1917	-	-	PL-C	591	2
21257	Four Wheels Coupled Bogie Express Engines Class T19 Fitted with Superheater- Arrangement of Vacuum Brake	1½" to 1" arrangement of brake shown on outline elevations and half plan of engine with 6" to 1' details of clips Endorsed: altered 20.9.28	28.11.16	1916	T19	D13	PL-C	598	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21259	Four Wheels Coupled Express Engines Class T19 with Superheater-Balanced Slide Valve	Full size elevation, section and plan of valve	20.11.16	1916	T19	D13	PL-C	496	3
21282	Four Wheels Coupled Express Engines Class T19 with Superheater-Steam Chest Cover	Full size interior and exterior elevation, section and plan of cover Endorsed: altered 15.8.17, 12.4.18 and 25.9.35	28.11.16	1916	T19	-	BP-L	599	2
21285	Six Wheels Coupled Goods Engines Y14 Class-Steel Fireboxes	1½" to 1' sectional elevations and plan of firebox	20.12.16	1916	Y14	J15	PL-C	477	1
21301	Diagram of Auto Train for White Hart Lane and Cheshunt Service	¼" to 1' plan of 3 coach train comprising 48'3", 50'0" and 50'0" stock with vestibule connection between carriages	11.1.17	1917	-	-	PL-C	587	1
21304	Attachment for Testing Obstructions above Rail Level for Electro Mechanical Train Control Gear	6" to 1' elevations of attachment to be fixed 2 ½" above rail level on engines Endorsed: additional wires fitted for engines for twin ramps see Dg No 21550 12.6.17; altered 15.8.17	18.7.17	1917	-	-	PL-C	568	1
21336	Six Wheels Coupled Bogie Express Engines Class S69-Arrangement and Details of Detroit Four Sight Feed Lubricator	1½" to 1' arrangement shown in relation to outline of engine and 3" to 1' details of components	21.7.17	1917	S69	B12	PL-C	601	2
21337	Steel Tube Plate for Belpaire Boilers for Engines D56 Class	1½" to 1' elevation and section of tubeplate	- .1.17	1917	D56	D15	PL-C	482	1
21350	Sketch Showing Temporary Position of Cab Roof of Y14 Class Engines to Clear Lifting Chains	1½" to 1' sectional elevation of cab showing the roof moved forwards 1'6"	17.1.17	1917	Y14	J15	PL-C	557	1
21357	Six Wheels Coupled Goods Engines Y14 Class for Overseas-Arrangement and Details of Brakegear, Buffers and Side Chains	1½" to 1' plan of arrangement and full size details of components	11.1.17	1917	Y14	J15	PL-C	604	2
21358	Six Wheels Coupled Goods Engines Y14 Class Overseas Fitted with S23 Class Tenders-Arrangement and Details for Whites Water Lifter	1 ½" to 1' arrangement in cab and 3" and 6" to 1' and full size details of components	12.1.17	1917	S23	-	PL-C	473	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21359	Details of Joints for 20 Ton Covered Goods Wagon Overseas Wagons	3" to 1' elevations and plans of numerous timber body joints	16.1.17	1917	-	-	PL-C	604	1
21364 -1	Cab Roof Rack for Engine Drivers Staff Books	Full size section and elevation of timber rack mounted on right hand inside of roof with	1.3.17	1917	-	-	PL-C	593	1
21385	Four Wheels Coupled Bogie Express Engines D56 Class-Steel Firebox	1½" to 1' sectional elevations and half plan of firebox	13.7.17	1917	D56	D15	PL-C	604	3
21406	Four Wheels Coupled Radial Tank Engines G69 Class-Steel Firebox	1½" to 1' elevations and half plan of firebox showing extent of steel plating	9.7.17	1917	G69	F6	PL-C	488	2
21473	Six Wheels Coupled Goods Engines Y14 Class-Steel Steam Pipes and C.I. Elbow	3" and 6" to 1' details of components Endorsed: altered 28.6.21 and 18.5.23	31.12.17	1917	Y14	J15	PL-C	606	2
21531	Designation Plate for Boilers with Steel Fireboxes	Full size elevation and section of plate to be painted red inscribed Steel Firebox, size 5¼" by 2½"	21.5.17	1917	-	-	PL-C	593	2
21541 Ren	Four Wheels Coupled Tank Engines 2-4-0 Class-Coal Guard Plate to Prevent Coal	6" to 1' elevations of 12" x 10" plate to be fitted on drivers side of engine	22.5.17	1917	T26	E4	PL-C	482	1
21541	Four Wheels Coupled Tank Engines 240 Class-Coal Guard Plate to Prevent Coal from	6" to 1' elevations of plate Endorsed: altered 7.4.22	22.5.17	1917	E10	-	PL-C	520	1
21553	Alteration to Position of Front Top Lamp Iron for 700, 1150, 1240 & 1500 and 1900 Class Engines	3" to 1' side and front elevation showing position of lamp iron and 6" to 1' elevations of the lamp iron Endorsed: altered 29.6.17; 1000 class added 16.12.21	8.6.17	1917	T19 F48 E72 S69 S46	D13 J16 J17 B12 D14	PL-C	466	2
21571	Four Coupled Bogie Express Engines D56 Class Non Superheater-Gear for Ejecting Smoke Box Ashes-Arrangement and Details	1½" to 1' elevation and plan of smoke box and blast pipe and 6" to 1' details of components	- .11.99	1899	D56	D15	PL-C	572	4
21571 Att	Six Wheels Coupled Goods Engines Class G78 without Superheater-Part Arrangement and Details of Gear for Ejecting Smoke Box Ashes	1½" to 1' arrangement of gear and 3" to 1' and full size details of components Endorsed: two to be fitted	- .9.34	1934	G58	J17	PT-C	572	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21600	Tenders Class S23-Arrangement and Details of Steam Pipe Coil in Well for Warming Creosote	1½" to 1' arrangement of pipework on outline elevation and plan of tender and 6" to 1' details of brackets Endorsed: altered 29.8.17	17.7.17	1917	S23	-	PL-C	479	2
21636 Ren	Trailing Sand Box with Dry Sanding Gear J19/2	3" to 1' elevation, section and plan Endorsed: for driving sand box and details see Dg No 17549	- .1.54	1954	-	J19/2	PL	592	1
21640	Six Wheels Coupled Tank Engines Class R24-Steel Cone and Pipe Flanges for Steel Steam Piping	Full size elevations and sections of four components Endorsed: altered 2.10.17 and 17.5.23	31.8.17	1917	R24	J67 J69	PL-C	590	2
21651	Six Wheels Coupled Goods Engines Class H80-Arrangement of Dry Sanding Gear	1½" to 1' arrangement shown on outline lower part of engine Endorsed: steam cock and pipes for rail cleaning not required 27.8.18	14.9.17	1917	H80	J19	PL-C	592	3
21658	Six Wheels Coupled Express Engines S69-Arrangement of Gear for Davies & Metcalfe's Exhaust No 10 Injector	1½" to 1' outline elevation and half plan of engine showing arrangement of gear and full size details of union Endorsed: numerous alterations 4.1.21	14.9.17	1917	S69	B12	PL-C	485	4
21658 Att	Arrangement of Automatic Auxiliary Live Steam Injector Valve Engine Class 1500	1½" to 1' arrangement shown on part outline elevation of engine	31.5.23	1923	S69	B12	PL-C	485	3
21659	Details for Davies and Metcalfes No 10 Exhaust Injector-Six Wheels Coupled Bogie Express Engines S69 Class	3" and 6" to 1' and full size details of components Endorsed: altered 1.12.19	22.12.17	1917	S69	B12	PL-C	600	4
21681	Brake Block and Lever for Engine No 1 of Southwold Railway Co	3" to 1' elevations of component using tramway engine brake block	18.10.17	1917	-	-	PT-C	574	1
21723	Four Wheels Coupled Mixed Traffic Engines T26 Class-Footboard	1½" to 1' elevations and plan of footboard and 3" to 1' constructional details Endorsed: altered 7.10.18, 1.8.24 and 27.1.55	8.2.18	1919	T26	E4	PL-C	567	2
21764	Alteration to Tube Spacing D56 (Superheater)	3" to 1' elevations of tube plate to accommodate 18 large and 156 small tubes Endorsed: altered 7.2.30	14.1.18	1918	D56	D15	PL-C	591	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21805	Six Wheels Coupled Goods Engines Class F48-Footboard	1½" to 1' sectional elevations and plan of footboard and 3" to 1' details of fittings Endorsed: altered 2.6.27, 24.1.42 and 27.1.55	13.2.18	1918	F48	J16	PL-C	593	2
21808	Details of Control Gear for No 48 Saloon	6" to 1' elevations, sections and plans of numerous components	21.12.17	1917	X65	20C	PT-C	598	3
21808 Att	Control Gear for No 48 Saloon-Alteration to P4 Axlebox Bottom	Full size elevation of bottom portion of box	- .1.18	1918	X65	20C	PT-C	598	2
21865	Six Wheels Coupled Goods Engines Class Y14-Footboard	1½" to 1' elevations and plan of timber footboard and 3" to 1'details Endorsed: numerous alterations to 27.1.55	27.3.18	1918	Y14	J15	PL-C	598	2
21865 Att	Connecting Bar for Footboard Brackets for Y14 Class Engines with H14 Tenders Nos	1½" to 1' elevation and plan of bar	10.12.18	1918	Y14	J15	PL-C	598	2
21892	Firebars	Full size details of 4 types of firebars for unspecified classes Copy of SE&CR Dg No BL/4	26.2.16	1916	-	-	BP	585	2
21922	Superheater Belpaire Boilers 4' 8"-Arrangement of Copper Smoke Tubes	3" to 1' elevations of front and rear tube plates Endorsed: 1 ¾" copper tubes to Dg No 10966 and 5" steel superheater tubes to Dg No 19210	2.5.18	1918	-	-	PL-C	539	2
21923 Ren	Engines with Belpaire Boiler 4'8" and 5' 0" Diameter-Injector Steam Cock	Full size elevations, section and plan of cock Endorsed: altered 11.12.22 for D56 class	- .6.21	1921	-	-	PL-C	492	2
21923 Part	Valve for Injector Steam Cock to Suit ACFI System of Feed Water Heating for B12 Type	Full size sectional elevation of cock Endorsed: 3 to this	25.8.27	1927	-	B12	PL-C	492	1
21938	Six Wheels Coupled Coal Engines F48 Class-Arrangement of Smokebox Door Showing Altered Method of Fastening	3" to 1' section and elevation of 4' 7" diameter door and full full size section of seating Endorsed: one for trial	21.6.18	1918	F48	J16	PL-C	560	2
21942	Arrangement of Lubrication Pipes-Trailing Axleboxes D56 Class	6" to 1' elevations showing arrangement of copper pipework	7.7.18	1918	D56	D15	PL-C	595	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21946	Arrangement of Lubrication Pipes for Trailing Axleboxes T19 Class	6" to 1' arrangement of pipes	7.6.18	1918	T19	D13	PL-C	593	2
21947	Six Wheeled coupled Tank Engines Type J69- Arrangement and Details of Trip Cock Gear	1½" to 1' arrangement shown in relation to rear end of engine and 3" to 1' and full size details of components Endorsed: altered 16.3.30; superseded by Dg No 36296 2.47	10.6.18	1918	-	J69	PL-C	553	3
21947	Coal Engines Class D81-Coupling Rods	Full size part elevation and section of coupling rod 8'10" and 10'0" centres and 1½" to 1' elevation of complete rods Endorsed: altered 5.3.41	21.6.18	1918	D81	J20	PL-C	601	2
21948	Built Up Crank Axle for Coal Engines Class D81, M87, Y87	3" to 1' elevations of axle Endorsed: altered 29.12.21; for future axles see Dg No 24378 30.10.34	27.6.18	1918	D81	J20	PL-C	605	3
21949 Ren	Driving and Trailing Hornblock and Axle Box	6" to 1' elevations, sections and plan of components Endorsed: altered 6.45 & 26.2.48	5.4.45	1945	-	J20	BP-L	506	2
21949 Att	Engines Type J20-Modification to Crown of Axlebox (Driving and Trailing)	Full size sections of top part of box Endorsed: altered 25.10.44	- .4.43	1943	-	J20	BP-L	506	2
21950	Six Wheels Coupled Coal Engines Class D81- Wheels	3" to 1' elevations of driving wheel and leading and trailing wheel with 15 spokes, 4'4" diameter on rim with sections and full size section through rim and tyre	14.8.18	1918	D81	J20	PL-C	544	3
21951	Six Wheels Coupled Coal Engines Class D81- Coupling Rod Crank Pin	Full size elevations of driving crank pin and leading and trailing pins Endorsed: class M87 added 3.3.22; altered 20.12.30	24.6.18	1918	D81	J20	PL-C	593	2
21952	Six Wheels Coupled Coal Engines Class D81- Trailing Axle	3" to 1' elevation of axle Endorsed: M87 added 3.3.22	24.6.18	1918	D81	J20	PL-C	542	2
21953 Ren	Six Wheels Coupled Goods Engines J20 Class Framing	1½" to 1' side elevations and plan of frame Endorsed: altered 21.5.51	24.1.41	1941	-	J20	BP-L	572	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21954	Six Wheels Coupled Coal Engines Class D81, J20-Leading Hornblock and Axlebox with Controlling Gear	6" to 1' elevations, sections and plan of components and details of spring hangers Endorsed: altered 9.37 and 9.41	16.9.18	1918	D81	J20	PL	551	2
21954 Att	Engines Type J20-Modification to Crown of Leading Axlebox	Full size sectional elevations of axlebox top Endorsed: altered 6.45 and 6.5.57	1.6.43	1943	-	J20	BP-L	551	2
21955	Six Wheels Coupled Goods Engines D81 Class (J20)-Arrangement of Spring Gear	3" to 1' elevations, sections and plan of driving, trailing and leading gear Endorsed: altered 29.7.33 & 2.11.36	12.10.18	1918	D81	J20	PL-C	479	4
21956	Coal Engines D81 Class-Leading Axle	3" to 1' elevation of axle Endorsed: M87 class added 3.3.22	24.8.18	1918	D81	J20	PL-C	572	2
21957	Six Wheels Coupled Goods Engines Class D81-Cab	1½" to 1' elevations and plan of cab Endorsed: altered 20.9.20	12.2.19	1919	D81	J20	PL-C	556	3
21958	Six Wheels Coupled Goods Engines D81 Class-Leading, Driving and Trailing Springs	3" to 1' elevation and plan of 16 plate spring and full size sections and details of buckles Endorsed: for new buckles see Attachment 27.5.24; altered 7.4.20 and 12.33	- .1.19	1919	D81	J20	PL-C	555	3
21958 Att	Engines Springs to Dg No 21958-Spring Buckles and Section of Bottom Spring Plate	Full size elevations and section Endorsed: altered 12.33	23.5.24	1924	D81	J20	PL-C	555	2
21959	Six Wheels Coupled Goods Engines Class D81-Smokebox	3" to 1' sectional elevations of smoke box and key to component drawings Endorsed: altered 25.3.42 and other undated alterations	- .6.19	1919	D81	J20	PL-C	581	2
21960 Ren	Six Wheels Coupled Coal Engines Class J20-Leading, Driving and Trailing Sand Boxes and Splashes	3" to 1' elevations and plans of splashes and sand boxes and 6" to 1' and full size details of components Endorsed: altered 2.40; for driving and trailing sand boxes see Attachment to this drawing	28.2.42	1942	-	J20	BP	542	2
21960 Att	Driving and Trailing Sand Box for Dry Sanding Gear J20	3" to 1' elevation, section and plan of sand box	- .1.54	1954	-	J20	PL	542	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21962	Six Wheels Coupled Goods Engines Class D81-Blast Pipe and Steam Pipe Connection	6" to 1' sections and plan of blast pipe and full size details of brass connection Endorsed: for cast iron steam pipe connections see Dg No 23364 11.4.21; liner altered 12.10.20	5.3.19	1919	D81	J20	PL-C	577	2
21963 Att	Alteration to Frame to Suit Cylinders to Dg No 29864 Engines Type J20	1½" to 1' part elevation showing position of cylinder on frame	- .2.35	1935	-	J20	BP-L	572	1
21963	Six Wheels Coupled Goods Engines Class D81-Chimney	6" to 1' sectional elevation, section and half plan of 1' 5 5/8" high chimney	21.2.19	1919	D81	J20	PL-C	597	2
21964	Six Wheels Coupled Goods Engines Class D81-Chimney Base and Hood	6" to 1' sections and plan of hood Endorsed: for smokebox see Dg No 21959 and chimney Dg No 21963	5.3.19	1919	D81	J20	PL-C	576	3
21965	Six Wheels Coupled Goods Engines Class D81-Spark Deflector and Details	6" to 1' arrangement of deflector and full size details of components for engine with 5'0" diameter boiler 1900 Class Endorsed: altered 20.11.22	- .2.20	1920	D81	J20	PL-C	463	2
21965 Att	Four Wheels Bogie Express Engines Class 1900 with 5 Ft 0 Ins Dia. Boiler Spark	6" to 1' details of 3 components	20.11.22	1922	D56	D15	PL-C	463	2
21966	Six Wheels Coupled Goods Engines D81 Class-Expansion Bracket	6" to 1' elevation and plan of bracket and full size section showing method of fitting	12.5.19	1919	D81	J20	PL-C	527	3
21967	Six Wheels Coupled Coal Engines Class D81-Arrangement of Steam Vacuum Brakes	1" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered 5.3.20 and 31.12.35	12.5.19	1919	D81	J20	PL-C	603	2
21968	Six Wheels Coupled Coal Engines Class D81-Details of Brakework	3" to 1' details of components for steam and vacuum brake Endorsed: altered 5.3.20, 19.12.36 & 3.7.33	7.5.19	1919	D81	J20	PL-C	491	2
21969	Six Wheels Coupled Superheater Coal Engs.D81 Class-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine showing arrangement Endorsed: numerous alteration to 27.6.50	16.6.19	1919	D81	J20	PL-C	548	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21970	Six Wheels Coupled Goods Engines Class D81-Set of Vacuum Brake Pipes, etc	Schedule divided into 3 sheets showing 21 components and sketches of 8 with dimensions	12.5.19	1919	D81	J20	PL	531	2
21971	Six Wheels Coupled Coal Engines D81-J20 Class –Rod, Pipe and Clothing Details	Full size elevations, plans and sections of numerous components Endorsed: altered 12.5.22, 23.7.30 & 9.43	16.6.19	1919	D81	J20	PL-C	504	3
21971 Att	Engines Type J20-Clips and Brackets for Horn Cheek Lubrication	Full size details 3 components	- .1.36	1936	-	J20	PL-C	504	2
21973	Six Wheels Coupled Goods Engines Class A81-Footboard	1½” to 1’ elevation, sections and plan of footboard and 3” to 1’ details of fittings Endorsed: altered 31.1.27	11.2.20	1920	A81	J17	PL-C	601	2
21974	Six Wheels Coupled Goods Engines Class D81-Arrangement and Details of Gear for Ejecting Smokebox Ashes	1½” to 1’ arrangement shown on outline elevations and plan of smokebox and 3” to 1; and full size details of components Endorsed: altered for classes A81 & E72; altered 13.8.20 & 4.10.22	- .2.20	1920	D81	J20	PL-C	474	2
21977	Six Wheels Coupled Tank Engines Class L77-Arrangement and Details of Cab Doors	1½” to 1’ arrangement of doors and 3” to 1’ and full size details of fittings Endorsed: for alteration to latch see Dg No 21977 Att	24.3.21	1921	L77	N7	PL-C	601	3
21977 Att	Latch for N7 Cab Side Doors	Full elevation and plan of latch	- .10.35	1935	-	N7	BP-L	601	1
21978	Six Wheels Coupled Radial Tank Engines Class K85-Boiler	1½” to 1’ elevations, sections and plan of boiler and 6” to 1’ details of riveting Endorsed: altered 20.3.24, 17.1.24 and 18.1.32; for positions of studs for axlebox lubrication arrangement see Dg No 32451	29.9.20	1920	K85	N7	PL-C	597	2
21980	Six Wheels Coupled Condensing Tank Engines Class S56-Cab and Tank	1½” to 1’ elevations and plan of cab and tanks with full size constructional details Endorsed: numerous alterations to 6.4.25	26.11.03	1903	S56	J69	PL-C	569	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
21980 Att	Six Wheels Coupled Radial Tank Engines Class K89-Smokebox	3" to 1' sectional elevations of smokebox Endorsed: altered 24.1.56	12.10.2	1923	K89	N7	PL-C	569	2
21982	Boilers for (No 1 G69); (No 51 S56 Class Engines-Regulator Stuffing Box and Details	Full size arrangements for the two classes and details of components Endorsed: altered 13.12.56	28.8.23	1923	No 1 S56	- J67	PL-C	606	2
21983	Boilers for No 51 Class Engines-Expansion Bracket	6" to 1' elevation and plan of bracket and full size section showing fixing to frame	25.2.20	1920	51	-	PL	539	1
21985	Boilers for No 51 Class Engines J69-Boiler Stays and Hangers	Full size details of 7 components	21.1.20	1920	S56	J69	PL	507	1
21999	Electric Lighting and Heating Details First Class Saloon F80	3" to 1' elevations, plan and sections of two types of battery box and 6" to 1' details of brackets and components Endorsed: altered 13.6.19	16.8.18	1918	F80	34C	PL-C	553	2
22054	Positions for Notices Relating to Steel Fireboxes	Unscaled part side elevations of 5 cabs showing position of noties; for Y14, M15, G58, T26 and D56 classes	24.6.18	1918	-	-	PL-C	547	1
22059	First Class Saloon F80-Arrangement and details of Flaps and Controlling Gear	3" to 1' arrangement of folding steps on end balcony and full size details of components	2.8.18	1918	F80	34C	PL-C	492	2
22070	Standard Letters and Figures for Numbering R.O.D. Locos	1½" to 1' details of letters and numerals, size 1'7" high, painted white, engines all black with red buffer beams Copy of SE&SR Dg No BL-587	-	1918	-	-	BP-L	468	2
22078	Four Wheeled Bogie for Carriages-Bolster Suspension Hanger	6" to 1' scale details of component, four per bogie Endorsed: Bogies with --- bolsters No 75 Ambulance Train; altered 1.11.18 My comment: part of endorsement defaced	16.8.18	1918	-	-	PL-C	569	4
22082	Four Wheeled Bogie for Carriages-Bolster and Spring Beam Castings	6" to 1' elevation, section and plan of 5 components Endorsed: altered 15.8.39	23.9.20	1920	-	-	BP-C	509	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22085	Arrangement of Four Wheeled Bogie for Carriages Class G, H, I, K, L, M81	1½" to 1' elevations, section and plan of 8' wheelbase bogie with 12'7" length over headstocks Endorsed: altered 22.10.18 and 19.2.20; stepboards for future main line stock added 20.2.20	3.9.18	1918	-	-	PL-C	515	2
22086	Frame Details of 4 Wheeled Bogie for Carriages G, H, I, K, L & M81	3" to 1' details of components Endorsed: altered 9.10.18, 22.10.18, 19.2.20 & 20.2.20	5.9.18	1918	-	-	PL-C	567	3
22087	Details of Platework for 54Ft Steel Underframe for Carriages G, H, I, K, L & M81	1½" and 3" to 1' details of numerous underframe components	16.9.18	1918	-	-	PL-C	563	2
22097	Built-Up Crank Axle Shunting Engine Class T18-Shaft and Pins Welded in Crank Webs by Quasi-Arc Process	3" to 1' elevations of axle with full size section of quasi arc welds	31.8.18	1918	T18	J66	PL-C	495	2
22107	Steam Superheating Elements for Superheater D56 Class Engines (Experimental Set)	3" to 1' arrangement of tubes and full size sections	1.1.19	1919	D56	D15	PL-C	480	3
22156	Six Wheels Coupled Coal Engines Class D81 and Express Engs. Class S69-Steel Steam	3" to 1' arrangement of elements and full size details of clips	21.2.19	1919	S69 D81	B12 J20	PL-C	522	2
22184	Carriage Stock-Alteration to Drawbar Wearing Plates and Details of Draw Hook Shanks to Suit Lengthened Hook	1½" & 3" to 1; part sectional elevations and plans showing 9 types of steel and timber underframes, including brakes, mail vans and miscellaneous stock. New design of drawbar plate for wood framed stock	6.1.19	1919	-	-	PL-C	468	2
22187	Slide Valve for Type 25 Locos	Full size sectional elevations and plan of slide valve made from phosphor bronze Endorsed: drawn from ROD Dg No 255 Copy of SE&CR Ashford Dg No BL269 dated 23.11.18	20.1.17	1917	-	-	BP	517	2
		Full size arrangement of stuffing box and details of components			S69	B12			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22190	Six Wheels Coupled Express Engines Class S69; Class D56 with 5'0" Diameter Boiler and Types D14-16, J16-20 with Boiler to Dg No 29803; Type N7 (L77)-Regulator Stuffing Box Details	Endorsed: altered 29.1.23, 2.11.31 and 10.1.34 for the classes additional to S69; altered 13.12.56	2.2.23	1923	D56	D15 D14 D16 J16 J17 J18 J19 J20	PL-C	598	
22191	Steam Brake Cylinder Classes J15, J17, J19/2	6" to 1' elevations, sections and plans of cylinder My comment: original drawing dated 3.1.19	-	1950	-	J15 J17 J19/2	P	607	2
22193	Four Wheels Coupled Shunting Tank Engines Class 226-Sketch Showing Alteration to Brake Hangers	3" to 1' elevation of hanger and block shown in relation to wheel and alterations to forked end of brake pull rod Endorsed: for details see Dg No 18540 10.1.19	9.1.19	1919	B77	Y4	PL-C	597	2
22195	Details of Electric Light Fittings for 54Ft Main Line Carriages	3" to 1' elevations and plan of accumulator box and 6" to 1' details of fittings	8.2.21	1921	-	-	PL-C	492	2
22205 Ren	Six Wheels Coupled Goods Engines Class J17 Boiler	1½" to 1' elevations, sections and plan of boiler with full size riveting detail Endorsed: altered 19.7.55	- .1.48	1948	-	J17	PL	469	2
22208	Alteration to D56 Class Header for Experimental Elements	6" to 1' section, half section and plan of header to Dg No 18454	7.1.19	1919	D56	D15	PL-C	560	1
22212	Four Wheels Coupled Radial Tank Engs. Class G69-Additional Footsteps and Hand Rail on Bunker and Alteration to Position of Drivers Brake Valve	1½" to 1' arrangement shown on outline elevations of bunker and cab and 6" to 1' details of components Endorsed: altered 12.3.19; 5 only fitted	- .1.19	1919	G69	F6	PL-C	530	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22218	Arrangement of Ground Apparatus for Daniels's Mechanical Train Control LM7989	1½" to 1' plans and elevations of equipment and interceptors for distant and home signals Endorsed: one set of gear for distant signal and one set for home signal to be made for trial	5.3.19	1919	LM7989	-	PL-C	507	1
22219	Details of Ground Apparatus for Daniel's Mechanical Train Control LM7989	3" to 1' elevations and pans of numerous track side components	- .2.19	1919	LM7989	-	PL-C	504	2
22225	Six Wheels Coupled Goods Engines (Class D81)-Reversing Gear	1½" to 1' arrangement of gear and full size details of components	20.5.19	1919	D81	J20	PL-C	585	2
22250	Contact Wheels for Daniel's Mechanical Train Control	Full size section and elevation of two components	28.3.19	1919	-	-	PL-C	599	1
22253	Six Wheels Coupled Coal Engines (D81 Class)-Ashpan Arrangement	3" to 1' elevations and plan of ashpan Endorsed: altered 7.34	12.5.19	1919	D81	J20	PL-C	488	3
22255	Air Cylinder and Valve for Daniel's Mechanical Train Control	Full size elevations, sections and plan of components	16.4.19	1919	-	-	BP-L	599	2
22256 Ren	Six Wheels Coupled Superheater Coal Engines (D81) Type J20-Details of Ashpan Gear	6" to 1' and full size elevations and plans of various components Endorsed: altered 3.5.27; for ashpan arrangement see Dg No 22253	12.5.27	1927	D81	J20	PL-C	521	2
22259	Details of Brakework for 54 Ft Carriage Fitted with 12In Single Piston Cylinder	1 ½" and 3" to 1' and full size elevations and plans of numerous components Endorsed: altered 29.6.23	31.3.19	1919	-	-	BPL	462	2
22265	Main Line Brake Third Class Carriage with Enamel Steel Panels (54 Feet)-Details of End	3" to 1' elevations of 10 panels Endorsed: altered 28.8.19	- .5.19	1919	-	-	PL	499	2
22279	Six Wheels Coupled Bogie Express Engines Class 1500-Internal Pipe Clips and Union	6" to 1' and full size details of components	3.5.20	1920	S69	B12	PL-C	592	2
22281	Six Wheels Coupled Tank Engine Class S56-Arrangement of Daniels Mechanical Train Control	1½" to 1' elevations of cab end showing arrangement of apparatus Endorsed: engine 390	25.4.19	1919	-	-	PL-C	582	2
22282	Six Wheels Coupled Tank Engine Class S56-Details of Daniel's Mechanical Train Control	1½" to 1' details of numerous components	25.4.19	1919	S56	J67	PL-C	537	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22293	Six Wheels Coupled Superheater Goods Engines (Class D81)-Frame and Boiler Stay	Full size elevations and plan of stay and 3" to 1' elevation showing stay in position	29.5.19	1919	D81	J20	PL-C	557	2
22299	Electro Mechanical Train Control-Arrangement and Details of Stopping Signal Ramps	¾" to 1' side elevation of arrangement of ramp between rails and 6" to 1' details of cast iron, steel and timber components Endorsed: 5 to this (one for single line) 26.5.19; altered 27.5.19	26.5.19	1919	-	-	PL-C	496	2
22301	Six Wheels Coupled Bogie Express Engines Class 1500-Westinghouse Steam Cock and Seating	Full size sections and elevation of cock Endorsed: see Dg No 22380 for seating for special cock	19.5.20	1920	S56	B12	PL-C	503	1
22323	Bogie Express Engines Type B12/3 4-6-0 with Six Wheeled Tenders-Tank Arrangement Engines Nos 61500 to 61570	1½" to 1' elevations, sections and plan of tender tank and full size section showing tank fastening to frame My comment: this is an altered copy of the Beyer, Peacock drawing	-	1950	-	B12/3	P	603	1
22323 Att	Tenders Class 1500-Arrangement of Toolboxes on Tender Tank	1½" to 1' elevation and plans of toolbox and its position	20.5.20	1920	S69	B12	PL-C	603	2
22326	Leading Sand Box for Six Coupled Bogie Express Engines 1500 Class	3" to 1' elevations and plan of sand box and full size section of lid	- .4.20	1920	S69	B12	PL-C	497	2
22328	Six Wheels Coupled Express Engines Class 1500-Blast Pipe	6" to 1' elevation, section and plan of blast pipe Endorsed: for position of studs in blast pipe see Dg No 22352; see Dg No 22462 for arrangement and details of gear for ejecting smokebox ashes; altered 14.10.24 and 14.5.28	7.8.19	1919	S69	B12	BP-L	595	2
22330	Tenders 1500, 1780, 1900 & 1200 Classes-Spring	Full size half elevation, plan and section of 15 plate spring 3' 11" centres unloaded Endorsed; altered 6.1.34 & 12.33; see 22330-1 for ribbed steel springs	30.1.20	1920	S69 H88 S46 F48	B12 D16 D14 J16	PL-C	484	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22330 -1	Tender Spring-Engines Type B12, D14-16, J17-20	Full size half elevation and plan with section of 15 plate spring 3' 11" centres unloaded	- .4.34	1934	-	B12 D14 D15 D16 J17 J18 J19 J20	BP-L	527	1
22333	Six Wheels Coupled Bogie Express Engines Class 1500-Snifting Valve	Full size elevations, sections and plan of valve Endorsed: altered 10.1.22, 12.5.33 and 12.10.34	3.5.20	1920	S69	B12	PL-C	551	3
22336	Six Wheels Coupled Express Engines Class 1500; Six Wheels Coupled Coal Engines Class D81-Tender Framing	1½" to 1' elevations and plan of frame 18' 3" overall Endorsed: altered 4.12.33	20.5.20	1920	S69 D81	B12 J20	PL-C	585	3
22342 -1	Alteration to Front Damper Gear S69 Class (1500)	3" to 1' arrangement of damper gear and 6" to 1' details of components	5.1.23	1923	S69	B12	PL-C	530	2
22342	Six Wheels Coupled Bogie Express Engines Class 1500-Ashpan Arrangement	3" to 1' elevations and plan of ashpan shown in relation to rear part of engine Endorsed: altered 2.34; for ashpan details see Dg No 17266	20.5.20	1920	S69	B12	PL-C	530	2
22345	Tenders Class 1500-Tender Tank Lid and Seating	6" to 1' elevation, section and plan of lid, 2 required per tender	14.4.20	1920	S69	B12	PL-C	521	2
22345 Att	Sketch Showing Alteration to Hinge on Tender Tank Lid	6" to 1' elevations and plan showing details of hinge	17.8.25	1925	S69	B12	PL-C	521	2
22348	Tenders Class 1500-Arrangement and Details of Water Pick Up	3" to 1' arrangement of pick up with air cylinder and full size details of components Endorsed: altered 20.2.36	6.8.19	1919	S69	B12	PL-C	590	3
22349	Tenders Class 1500-Flanged Plates for Framing, Tank and Water Pick Up	1½" and 3" to 1' details of components Endorsed: D81 class added 4.5.22; altered 12.12.33	28.4.20	1920	S69 D81	B12 J20	PL-C	601	2
22350	Six Wheels Coupled Express Engines Class 1500-Smokebox	3" to 1' sectional elevation of smokebox	11.2.20	1920	S69	B12	PL-C	594	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	1500-Smokebox	Endorsed: altered 21.12.21 and 5.7.22							
22351	Six Wheels Coupled Express Engines Class 1500-Smokebox Door	6" to 1' section and elevation of door 4'7" diameter	8.6.20	1920	S69	B12	PL-C	600	2
22352	Six Wheels Coupled Express Engines Class 1500-Sperk Deflector and Details	3" to 1' elevations and plan of deflector and 6" to 1' details of components	12.2.20	1920	S69	B12	PL-C	549	2
22354	Six Wheels Coupled Bogie Express Engines Class 1500-Motion Arrangement	3" to 1' elevation and plan of motion and cylinder	- .4.20	1920	S69	B12	PL-C	463	2
22355	Six Wheels Coupled Bogie Express Engines 1500 Class-Arrangement and Details for Steam Jet Attachment (Anti Carboniser) for Wakefields 4 Feed Mechanical Lubricator	1½" to 1' arrangement on part outline of engine and full size details of components	- .4.20	1920	S69	B12	PL-C	478	2
22357	Tenders Class 1500-Air Valve for Water Pick Up	Full size elevations, sections and plan of valve Endorsed: altered 13.1.33	29.8.19	1919	S69	B12	PL-C	473	2
22360	Tenders Class 1500-Arrangement of Pipes for Air Vent, Steam Heating, Water Pick Up and Water Gauge	1½" to 1' arrangement shown on outline elevations and plan of tender Endorsed: altered 27.1.55	6.10.19	1919	S69	B12	PL-C	473	2
22369	Six Wheels Coupled Bogie Express Engines 1500 Class-Arrangement of Pipes Etc for Westinghouse Brake with 8"/8½" Air Compressor and No 4 Drivers Valve	1" to 1' arrangement shown on outline elevations and half plan of engine Endorsed: see Attachment for alterations	27.8.19	1919	S69	B12	PL-C	537	3
Att 22369	Six Wheels Coupled Bogie Express Engines 1500 Class-Alterations to Arrangement of Pipes for Westinghouse Brake with 8"/8½" Air Compressor and No 4 Drivers Valve	1½" to 1' arrangement shown part outline of engine	30.3.20	1920	S69	B12	PL-C	537	1
22370	Drawgear for 54Ft Carriages-Arrangement with Bars made without Welds	1½" to 1' part plan of underframe showing construction of drawgear and fittings	22.7.19	1919	-	-	PL-C	513	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22373	Six Wheels Coupled Express Engines Class 1500-Oil Boxes and Oil Cups	Full size elevations and plans 6 components	- .4.20	1920	S69	B12	PL-C	508	2
22377	Tenders Class 1500-Pipe Details, Water Gauge Casing and Flap Plate Hinges	6" to 1' and full size details of various components	14.4.20	1920	S69	B12	PL-C	560	2
22380	Six Wheels Coupled Bogie Express Engines Class 1500-Pipe Connections, Brackets, etc. for Westinghouse Brake 8/8 ½" Air	3" and 6" to 1' and full size details of connections and components Endorsed: altered 2.2.23	- .8.19	1919	S69	B12	PL-C	471	3
22382	Six Wheels Coupled Express Engines Class 1500 Type B12-Feed Connections Between Engine and Tender	3" to 1' elevation and plan of connection and 6" to 1' details of fittings Endorsed: altered 3.11.28	- .4.20	1920	S69	B12	PL-C	462	1
22384	Engines and Tenders Class 1500-Details of Cupboard, Hand Rail Columns and Fire Iron Holders	Full size elevations and plans of components Endorsed: altered 17.1.24 and 5.9.24	28.4.20	1920	S56	B12	PL-C	555	3
22385	Arrangement of Westinghouse Brake Main Pipe at End of Engines and Tenders Class 1500	3" to 1' elevation and plan of pipe arrangement and full size details of brackets	4.9.19	1919	S69	B12	PL-C	475	1
22387	Six Wheels Coupled Bogie Express Engines 1500 Class-Alteration to Injector Overflow Davies & Metcalfe's No 10 Exhaust Injector	1½" to 1' elevation and plan of overflow and 6" to 1' details of clip	14.4.20	1920	S69	B12	PL-C	537	1
22395	Six Wheels Coupled Express Engines Class 1500-Retarder for Superheater	Full size elevations of equipment	3.5.20	1920	S69	B12	PL-C	606	1
22403	10 Ton Wagon Wheel and Axle	3" to 1' elevations of 8 spoke wheel and wheelset 3'1½" diameter on tread and full size section of tyre	30.4.23	1923	-	-	PL-C	597	1
22410	Six Wheels Coupled Radial Tank Engines Class L77, K85-Angle Plate Stop on Brake Cross Beam for Driving and Intermediate Wheels	3" to 1' elevation and plan of beam with stop	- .8.21	1921	L77	N7	PL-C	476	2
22415	Six Wheels Coupled Bogie Express Engines and Tenders Class 1500-Westinghouse Brake Pipe Details and Connections	Full size details of numerous components	19.5.20	1920	S69	B12	PL-C	512	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22417	Westinghouse Brake 12 Inch Single Piston Cylinder	6" to 1' elevations, sections and plans of cylinder and component parts	19.4.21	1921	-	-	PL-C	528	2
22418	Bearing Spring for Bogie Carriages	3" to 1' part side elevation of bogie showing spring, axleguard and axlebox and elevation, section and plan of 7 plate spring 4'0" centres when straight with 6" to 1' details of spring brackets for 54' parcels vans and brake vans and brake ends of main line brake thirds	14.10.19	1919	-	-	PL-C	533	1
22423	Four Wheels Coupled Radial Tank Engines Class P55 and T18 Working on East London Line-Details of Trip Cock Gear	6" to 1' and full size details of components Endorsed: for details of T18 class see Dg No 23167	- .9.19	1919	P55 T18	F4 J66	PL-C	518	2
22423 Att	Engines Working on East London Line P55 Class-Additions and Alterations to Details of	6" to 1' and full size details of components	- .1.20	1920	P55	F4	PL-C	518	3
22425	Tenders Class 1500-Arrangement of Westinghouse and Hand Brake	1½" to 1' arrangement shown on elevations of lower part of tender and plan Endorsed: altered 26.2.33	- .12.19	1919	S69	B12	PL-C	539	3
22425 Att	Brake Arrangement Tenders Class 1500 and 1900-Alteration to Brake Cross Beam 'A'	1½" to 1' plan showing beam and rodding	17.8.25	1925	-	B12	PL-C	539	1
22426	Six Wheels Coupled Bogie Express Engines Class S69-Arrangement and Details of Wakefield's Eureka Lubricator	1½" to 1' arrangement shown on outline cab and frame and 3" to 1' and full size details of components	27.10.19	1919	S69	B12	PL-C	570	2
22447	1500 Class Boilers-Sketch of Smokebox Tubeplate Showing Position of Holes in Flange	3" to 1' elevation of flange	1.4.20	1920	S69	B12	PL	528	1
22450	Arrangement and Details of Non Continuous Drawgear for 54 Ft Carriages	1½" to 1' arrangement of drawgear and 3" and 6" to 1' details of components	- .2.20	1920	-	-	PL-C	476	3
22456	Express Engines S69 Class-United States Metallic Packing for Piston Rod	Full size section and elevation of spindle and packing Traced from United States Metallic Packing Dg No 207309-18	20.5.20	1920	S69	B12	PL-C	548	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22462	Six Wheels Coupled Bogie Express Engines 1500 Class-Arrangement and Details of Gear for Ejecting Smoke Box Ashes	1½" to 1' arrangement of gear in relation to smoke box and 6" to 1' and full details of components Endorsed: altered 25.6.20, 27.8.20 & 6.4.22	- .2.20	1920	S69	B12	PL-C	470	2
22525	Six Wheels Coupled Bogie Express Engines Class 1500-Westinghouse Brake Coupling between Engine and Tender	Full size sectional plan of coupling with details of clips and bolts	14.4.20	1920	S69	B12	PL-C	526	2
22535	Mid Suffolk Railway Engine No 1-Position of Brick Arch	3" to 1' sectional side elevation of firebox showing arch	29.11.19	1919	-	-	PL-C	482	1
22539	Four Wheels Coupled Radial Tank Engines Class G69-Arrangement of Pipes, Etc. for Westinghouse Brake with 8"/8 ½" Air Compressor and No 4 Drivers Valve	1½" to 1' arrangement shown on outline elevations and half plan of engine Endorsed: altered 7.34 & 13.12.49; original drawing date 3.20	- .3.20	1920	G69	F6	PL	501	1
Att 22539	Proposed Alteration to Position of Joint in Steam Pipe to Westinghouse Pump-Classes F4-F6	1½" to 1' elevations and plan showing alteration	-	-	-	F4 F5 F6	PL	501	1
22540	Four Wheels Coupled Radial Tanks Engines Class G69-Pipe Connections, Brackets, etc. for Westinghouse Brake with 8/8 ½" Air	3" and 6" to 1' and full size details of components Endorsed: altered 9.34	- .2.20	1920	G69	F6	PL-C	474	3
22578	Tenders for 1500 Class Engines-Standard No 10 Mud Plug	Full size elevations of brass plug	31.3.20	1920	S69	B12	PL-C	494	1
22592	Six Wheels Coupled Express Engines Class 1500 with Relief Valve for Steam Heating	Full size elevations, sections and plan of valve and components	15.4.20	1920	S69	B12	PL-C	584	1
22595	Proposed Blower for Superheater Engines	Full size elevation and section of blower Endorsed: make three for trial	24.5.22	1922	-	-	PL-C	605	2
22606	Six Wheels Coupled Express Engines Class 1500-Arrangement of Cylinder Clothing	3" to 1' elevations of front and back end of cylinders and diagram of fixing	6.2.20	1920	S56	B12	PL-C	484	2
22613	Six Wheels Coupled Express Engines Class 1500-Coal Watering Hose and Coupling and Sand Pipe Clips	Full size details of 5 components	- .3.20	1920	S69	B12	PL-C	544	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22619	Four Wheels Coupled Bogie Express Engines Class D56-Driving and Trailing Wheels	3" to 1' elevation and section of 20 spoke wheel 6'6" diameter on rim and full section through tyre	31.1.23	1923	D56	D15	PL-C	595	2
22640	Six Wheels Coupled Bogie Express Engines Class 1500-Trailing Sand Box Cover Seating	6" to 1' elevations and plan of mahogany seating	6.2.20	1920	S69	B12	PL-C	461	1
22647	Six Wheels Coupled Bogie Express Engines Class 1500-Arrangement of Boltholes in Flanks of Davies & Metcalfe's No 10 Exhaust Injector	6" to 1' elevations and plans of flanges and castings	14.4.20	1920	-	-	PL	586	1
22664	Four Wheels Coupled Radial Tank Engines Class P55 Working on East London Line-Arrangement of Trip Cock Gear	1½" to 1' arrangement shown on elevations and plan of part of engine Endorsed: for details see Dg No 22423 and Attachment	24.3.20	1920	P55	F4	PL-C	558	2
22678	Six Wheels Coupled Tank Engines Class L77-Leading and Driving Horn Blocks	6" to 1' elevations and plan of leading and driving horn blocks Endorsed: altered 5.34 & 5.35	- .3.21	1921	L77	N7	PL-C	462	3
22685	Six Wheels Coupled Bogie Express Engines Class 1500-Protection Tubes for Oil Pipes in Smokebox	6" to 1' elevations and plan of arrangement Endorsed: altered 9.4.20	24.3.20	1920	S69	B12	PL-C	525	2
22686	Six Wheels Coupled Tank Engines Class L77-Intermediate Hornblock	6" to 1' elevations, sections and plan of hornblock Endorsed: altered 5.34	24.3.21	1921	L77	N7	PL-C	556	3
22701	Bearing Spring for Bogie Suburban Carriages	6" to 1' elevation and plan of 7 plate spring length 4'5 5/8" unloaded Endorsed: altered 29.10.23	1.4.20	1920	-	-	BP-L	557	2
22706	Details of Spring Gear Required to Fit 4' 6" Spring on Suburban Carriage Bogie for 10 Inch Frames	6" to 1' elevations and plans of 4 components	1.4.20	1920	-	-	PL-C	545	2
22726	Bogie Suburban Carriages 54Ft-Arrangement of Underframe	1" to 1' elevations, sections and plan of 53'4½" underframe showing position of dynamo and three battery boxes and details of long and short buffers	17.2.22	1922	-	-	PL-C	557	1
22739	Bogie Suburban Carriages 54Ft-Details of Ironwork for Underframe	3" to 1' details of numerous components	17.6.21	1921	-	-	BL-C	465	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Ironwork for Underframe	Endorsed: altered 22.5.35							
22748	Arrangement of Four Wheeled Bogie for Suburban Carriages	1½" to 1' elevations, sections and plan of 8' wheelbase bogie 12'7" length over headstock and longitudinal section on centre line with steel disc wheels My comment: original date of drawing 7.6.20	17.2.22	1922	-	-	PL-C	525	2
22749	Frame Details of Four Wheeled Bogie for Carriages	3" to 1' details of 29 components Endorsed: for arrangement of bogie see Dg No 22748	- .1.22	1922	-	-	PL-C	559	2
22750	Bogie Suburban Carriages (54 Feet)- Platework Details for All Classes	1 ½" and 3" to 1' elevations and plans of platework components Endorsed: altered 24.5.23 and 21.6.23	- .2.22	1922	-	-	PL-C	496	2
22772	Bogie Suburban Carriages, All Classes-Steam Heating Arrangement and Details	¾" to 1' outline elevation, plan and sections of carriage showing position of heaters and 3" to 1' and full size details of components and 1/8" to 1' diagram of 8 coach Ilford standard Ilford formation with position of heaters	17.2.22	1922	-	-	PL-C	559	1
22800	4-6-0 Engines Type B12-Bogie Axles	3" to 1' elevation of axle Endorsed: altered and turning instructions added 26,6,34	- .4.28	1928	-	B12	BP-L	606	1
22801	Four Wheels coupled Tank Engines Class Y65-Arrangement of SYX Electro-Mechanical Train Control	1½" to 1' arrangement of equipment on part outline elevations and plan of engine	- .4.20	1920	Y65	F7	PL-C	486	3
22802	Four Wheels Coupled Tank Engines Class Y65-Details of SYZ Electro Mechanical Train Control	3" and 6" to 1' and full size details of numerous components	3.5.20	1920	Y65	F7	PL-C	583	3
22806	Six Wheels Coupled Radial Tank Engines Class K85-N7-Piston Valve and Spindle	Full size sectional elevations of valve and spindle Endorsed: altered 9.37 and 4.46	3.4.43	1943	-	N7	BP-L	533	1
Ren		3" to 1' sections showing alteration							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
22807	Alteration to Piston Valve Sleeves 1500 Class	Endorsed: see Dg No 23240 for two part valve bushing for piston valves with narrow rings	- .11.21	1921	1500	B12	PL-C	477	
22811	SIX Wheels Coupled Radial Tank Engines Class K85-Blast-Pipe	6" to 1' elevations, sections and plan of blast pipe	31.12.20	1920	K85	N7	PL-C	547	2
22814	SYX Electro Mechanical Train Control-Arrangements of Stop and Distant Signal Ramps for Seven Sisters	1" to 1' elevations of two ramps and 3" to 1' elevation of plates for stop signal ramp	20.5.20	1920	-	-	PL-C	488	2
22816	Six Wheels Coupled Radial Tank Engines K85 (L77)-Arrangement and Details of Injector Delivery into Dome	3" to 1' arrangement of injector and details of components	29.9.21	1921	K85	N7	PL-C	492	4
22828	Arrangement of Bogie Third Class Carriage Iron or steel Panels	¾" to 1' general arrangement of 54' non corridor body with 10 compartments shown on outline of steel underframe with sections showing interior detail	28.3.22	1922	-	428C	PL-C	534	1
22834	Six Wheels Coupled Radial Tank Engines Classes L77, K85 & K89-Cast Steel Leading, Driving and Intermediate Wheels	3" to 1' elevations and sections of wheels 4' 4" diameter on rim and full size section of rim and tyre	14.12.20	1920	L77 K85 K89	N7	PL-C	478	1
22837	Six Wheels Coupled Radial Tank Engines Class L77, K85 & K89-Cast Steel Trailing Wheel	3" to 1' elevation and sectional plan of 3'3" diameter 10 spoke wheel over rim and full size section through rim and tyre	14.12.20	1920	L77 K85 K89	N7	PL-C	497	2
22840	Four Wheels Coupled Bogie Express Engines (Class D56) D15-Ashpan Details	Full size details of numerous components Endorsed: altered 20.4.34; altered to red for engines fitted with boiler to Dg No 29803; for arrangement see Dg No 30878; altered 5.6.35	5.5.20	1920	D56	D15	BP-L	479	1
22843	Six Wheels Coupled Radial Tank Engines	1½" to 1' detailed side and end elevations, plan and section through boiler							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	Class K85-Arrangement of Pipe, Rod and Clothing, Injector Gear, Sight Feed Lubrication, Steam Heating, Sanding and Condensing Gears	Endorsed: top feed not required see Dg No 30873; for axlebox lubrication details see Dg No 32451 5.35; for alteration to lubrication arrangement. pipes, etc to suit engines class K89 see Dg No 30874; altered 5.35 and 7.46	.11.32	1932	K85	N7	BP-L	539	
22843 Att	Alteration to Steam Heating Pipe at Footstep	3" to 1' arrangement of pie and full size details of clips	24.7.46	1946	-	N7	BP-C	539	2
22843 Att 2	Six Wheels Coupled Radial Tank Engines- Lubrication Arrangements and Alteration to Pipes to Suit Engines Class K89	1½" to 1' arrangement shown on part outline elevations and plan of engine Endorsed: for other dimensions see Dg No 22843 My comment: this drawing is now numbered 30874 dated 2.11.23	2.11.23	1923	K89	N7	PL-C	550	3
22864	Six Wheels Coupled Bogie Express Engines Class S69-Arrangement and Details of Detroit 5 Sight-Feed Lubricator	1½" to 1' outline elevations and part plan showing arrangement of lubricator and 3" to 1' and full size details of connections	24.3.0	1920	S69	B12	PL-C	468	1
22876	Six Wheels Coupled Radial Tank Engines (Class K85)-Back Cab Windows	3" to 1' elevations of windows and full size details of components Endorsed: altered 15.6.38	17.12.20	1920	K85	N7	PL-C	571	2
22886	Six Wheels Coupled Bogie Express Engines Type B12 and Super Coal Engines Type D81- Piston Valve (with Narrow Rings) and Spindle	Full size sectional elevations Endorsed: altered 12.37; original drawing dated 1920	9.2.34	1934	-	B12 J20	P	528	1
23141	Six Wheels Coupled Radial Tank Engines (Class K85)-Dome Casing	Full size half sectional elevation of casing height 1'11 5/8"	16.7.20	1920	K85	N7	PL-C	571	2
23142	Six Wheels Coupled Tank Engines Class C72 (No 41 Class)-Alteration to Cab Roof	1½" to 1' side and end elevation of roof showing it lowered by 6½", retaining timber boarding Endorsed: altered 8.6.25	.9.20	1920	C72	J68	PL-C	492	2
23144	Four Wheels Coupled Tank Engines Class G69 (No 1 Class)-Alteration to Cab Roof	1½" to 1' elevations showing details of roof lowered about 6½" at centre Endorsed: altered 8.6.25	29.8.20	1920	No 1	-	PL-C	516	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23147	Six Wheels Coupled Radial Tank Engines K85 Class-Brake Arrangement with 8"/8 ½" Air Pump Compressor and No 4 Drivers Valve	1" to 1' arrangement of equipment shown on outline elevations and plan of engine Endorsed: altered 7.34 & 9.34	2.11.20	1920	K85	N7	PL-C	487	4
23148	Six Wheels Coupled Radial Tank Engines Class K85-N7-Brake Details	3" to 1' details of numerous components Endorsed: altered 23.3.26 and 13.7.33	3.11.20	1920	K85	N7	BP-L	557	2
23149	Six Wheels Coupled Radial Tank Engines Class K85-Pippe Connections, Brackets, etc for Westinghouse Brake with 8"/8½" Air Compressor and No 4 Drivers Valve	3" and 6" to 1' details of numerous components	2.11.20	1920	K85	N7	P	552	1
23149 Att	Combined Elbow and Cock for Oil Pipe to Westinghouse Pump	Full size elevations and plan of component	- .5.21	1921	-	-	PL-C	552	2
23149 Part	Six Wheels Coupled Radial Tank Engines K85 Class-Proposed New Position of	1" to 1' elevation showing arrangement on smokebox and cab and 3" and 6" to 1'	- .7.21	1921	K85	N7	PL-C	552	3
23155	Six Wheels Coupled Radial Tank Engines (Class K85) Built-Up Crank Axle	3" to 1' elevations of axle Endorsed: superseded by Dg No 24157 6.8.24	14.11.20	1920	K85	N7	PL-C	482	2
23162	Six Wheels Coupled Radial Tank Engines Class L77-Arrangement and Details of Trailing Sand Box	3" to 1' elevation, section and plan of sand box and full size section and elevation of outlet pipe	24.3.21	1921	L77	N7	PL-C	543	1
23166	Six Wheels Coupled Tank Engines Class T18 Working on East London Line-Arrangement of Trip Cock Gear	1½" to 1' arrangement shown on outline of engine including instructions relating to contact plates	30.11.20	1920	T18	J66	PL-C	545	3
23167	Six Wheels Coupled Tank Engines (Class T18) (Working on East London Line)-Details of Trip Cock Gear	6" to 1' and full size details of numerous components	30.11.20	1920	T18	J66	PL-C	543	2
23187	Proposed Protectors for Stones Sight feed Lubricators	Full size elevations and plan of two types of brazed brass frame protectors Endorsed: one of each to be made for trial	3.9.20	1920	-	-	PL-C	605	2
23188	Six Wheels Coupled Bogie Express Engines Class S69-Built Up Crank Axle	3" to 1' elevations of axle	10.5.22	1922	S69	B12	PL-C	554	3
23189	Six Wheels Coupled Radial Tank Engines Class K85 Cab Front Windows	3" to 1' elevations of windows and full size details of components	30.11.20	1920	K85	N7	PL-C	542	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Class K85-Cab Front Windows	Endorsed: altered 20.10.23 and 15.6.38							
23202	Six Wheels Coupled Coal Engines E72, T77, D81 No 1270-1274 Engines-Alterations to Piston Valve Support (Leading End) and Flap	3" to 1' arrangement and 6" to 1' details of components	24.5.22	1922	E72 T77 D81	J18 J19 J20	PL-C	567	4
23210	Six Wheels Coupled Tramway Engines (Class C53)-Arrangement and Details of Ash Pan	3" to 1' sections and plan of ash pan and full size details of components Endorsed: altered 18.12.20	19.11.20	1920	C53	J70	PL-C	575	2
23233	Four Wheels Coupled Tank Engines G69 Class-Details of SYX Electro-Mechanical Train Control	3" and 6" to 1' and full size details of components Endorsed: undated alterations	30.11.20	1920	G69	F6	PL-C	518	4
23236 Ren	Superheater Engines Types B12, D13, D15, J17, J18, J19, N7-Electrically Welded Flange for Steam Pipes	Full size elevation and plan of flange with dimension for different classes	12.1.32	1932	-	B12 D13 D15 J17 J18 J19 N7	PL	521	2
23240	Six Wheels Coupled Bogie Express Engines Class 1500-Two Part Valve Bushing for Piston Valves with Narrow Rings	Full size elevations of valves and development of steam ports Endorsed: title supplemented by Super Coal Engines Class M87; for future engines and renewals see Dg No 28080 3.12.28	30.11.30	1930	-	B12	PL-C	563	2
23244 Part	Nozzle for Air Sanding Connection	Full size elevation of bronze nozzle	- .9.34	1934	-	-	BP-L	483	2
23258	Second Class and Third Class Carriage (10 Compts)-Details of Side and End Panels	3" to 1' elevations of steel panels Copy of Midland Railway & Carriage Co Dg No 9004 10.2.26	23.3.26	1926	-	-	BP	549	2
23269	Six Wheels Radial Tank Engines Class L77-Tank Sieve and Details	Full size sectional elevation of components and half plan and 3" to 1' section and elevation of complete sieve	8.12.20	1920	L77	N7	PL-C	464	2
23277	Proposed Alteration to Driving Arrangement for Ross Mechl. Lubricators on Engines 1000 and 1001	Full size elevations of ratchet wheel and pawl	17.12.20	1920	L77	N7	PL-C	515	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23278	Six Wheels Coupled Radial Tank Engines Class K85-Cast Iron Chimney Base and Hood	6" to 1' sections and plan of components Endorsed: for chimney and hood for engines class K89 see Dg No 23579 21.9.23	31.12.20	1920	K85	N7	PT-C	547	2
23285	Six Wheels Coupled Radial Tank Engines Classes L77, K85-Reversing Screw and Bracket	Full size elevations, section and plan of screw and bracket Endorsed: also see Dg No 26376	11.12.20	1920	L77 K85	N7	PL-C	520	2
23292	Six Wheels Coupled Tram Engines Class C53-Connecting Rod	Full size elevation, section and plan and 6" to 1' elevation of complete assembly Endorsed: altered 18.7.21, 6.4.25 and 8.33	8.7.21	1921	C53	J70	PL-C	552	1
23314	Weather Board for Tenders Class H14 and S23	1 ½" to 1' elevation of board with 3" and 6" to 1' and full size details of fittings Endorsed: altered 2.6.21; window guard added 3.46	24.1.21	1921	H14 S23	-	PL-C	568	2
23324	Alteration to Bearing Springs of Guard Truck for No 7A Accident Crane	3" to 1' elevation and section of 8 plate spring 5' centres when straight Endorsed: camber unloaded for weighing machine maintenance van LM8461 26.10.21	4.1.21	1921	-	-	PL-C	473	2
23327	Westinghouse Brake-Driver's Brake Valve 1", ¾", ½" Stopcocks and Release	Full size elevations, sections and plans of cocks	20.9.21	1921	-	-	PL-C	602	3
23334	Six Wheels Coupled Goods Engines F48 Class- Expansion Bracket for F48 Class Engines with Belpaire Boilers to Dg No 20771	6" to 1' elevation and plan of bracket and full size section showing method of fixing for engines Nos 1150 to 1188 and 1190 to 1209	8.2.21	1921	F48	J16	PL-C	576	1
23342	Four Wheels Coupled Tank Engines Class G69-Details of SYX Electro Mechanical Train Control Adapted for Automatic Resetting and Speed Control	3" and 6" to 1' and full size details of components Endorsed: for other details and dimensions see Dg No 23233l; one set for trial	24.1.21	1921	G69	F6	PL-C	606	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23346	Six Wheels Coupled Bogie Express Engines Class S69-Foot Step on Side of Smokebox	3" to 1' elevations and plan of footstep showing its position	14.7.22	1922	S69	B12	PL-C	576	2
23351	Six Wheels Coupled Radial Tank Engines Class K85 (N7 Type)-Cast Iron Steam Pipe Connection	Full size elevations and plans of connection Endorsed: for future steam pipe connections for N7 type engs. work to red	8.2.21	1921	K85	N7	PL-C	483	2
23353	Superheater Engines Class S69, D56, T19, D81, E72, G58-Electrically Welded Flanges for Steam Pipes	Full size plans and sections of three flanges	1.2.21	1921	S69 D56 T19 D81 E72 G58	B12 D15 D13 J20 J18 J17	PL-C	467	1
23362	Six Wheels Coupled Radial Tank Engines K85 Class-7/8" Westinghouse Steam Cock	Full size elevations, sections and plan of cock Endorsed: altered 28.2.23	2.3.21	1921	K85	N7	PL-C	542	3
23363	Six Wheels Coupled Radial Tank Engines K85 Class and Type B12 with 8"/8 1/2" Pump-7/8"	Full size elevations and plan of cock	- .2.21	1921	K85 S56	N7 B12	BP-C	494	1
23364	Six Wheels Coupled Goods Engines Class D81-Cast Iron Steam Pipe Connection	Full size elevations and plan of cast iron connection Endorsed: for future connections see Dg No 31814 5.34	6.4.21	1921	D81	J20	PL-C	585	2
23365	Six Wheels Coupled Goods Engines Class E72-Cast Iron Steam Pipe Connection	Full size elevations and plan of connection Endorsed: for future connection see Dg No 31814 5.34	19.4.21	1921	E72	J18	PL-C	524	2
23373	Six Wheels Coupled Goods Engines F48 Class with Belpaire Boiler to Dg No 20711- Frame and Boiler Stay	3" to 1' elevation showing arrangement and full size section of fitting Endorsed: altered 7.5.21; for stays which are studded to pads on boiler see Dg No 39000 5.54	5.3.21	1921	F48	J16	PL-C	480	2
23400	Six Wheels Coupled Radial Tank Engines Class K85-Internal Copper Steam Pipe	3" to 1' elevation of pipe length 5' 3 5/8" for boiler to Dg No 21978	3.3.21	1921	K85	N7	PL-C	509	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23405	Six Wheels Coupled Radial Tank Engines K85 Class Type N7-Back Cylinder Cover	Full size section, elevation and plan of cover Endorsed: altered 3.12.31	- .2.21	1921	K85	N7	PL-C	473	2
23409	Arrangement and Details of Handbrake for Old Engine Frames Nos 8 & 9	1" to 1' arrangement of 4 wheeled frame, former 2-4-0 engine and 3" to 1' details of components	- .3.21	1921	-	-	PL-C	492	2
23412	Six Wheels Coupled Radial Tank Engines Class K85-Rod, Pipe and Clothing, Steam Heating, Detroit 5 Sight Feed Lubricator Details	1½", 3" and 6" to 1' and full details of numerous components Endorsed: altered 23.4.21, 5.6.25 and 9.10.25	19.4.21	1921	K85	N7	PL-C	578	2
23426	Sketch Showing Proposed Arrangement of Large Numeral Painted on Tenders and Tanks of Goods Engines	1" to 1' outline elevations of A53 and S23 tenders and G75 and T18 engines showing 18" x 12" numerals spaced 6" apart	19.4.21	1921	-	-	PL	483	2
23427	Draw End and Coupling for Suburban Carriages	Full size elevations and plan showing draw bar links and couplings	5.4.21	1921	-	-	P	520	1
23431	Six Wheels Coupled Radial Tank Engines Class K85-Protection Tubes for Oil Pipes in Smokebox	6" to 1' elevations and plan of arrangement and full size details of clip	19.4.21	1921	K85	N7	PL-C	600	2
23434	Vacuum Brake Coupling and Plug	Full size elevations and plan of components	18.4.21	1921	-	-	PL-C	497	2
23450	Four Wheels Coupled Tramway Engines with C53 Class Boilers-Arrangement and Details of Ashpan	3" to 1' sections and plan of ashpan and full size details of components	19.5.21	1921	C53	J70	PL-C	552	2
23456	S.Y.X. Elector-Mechanical Train Control-Arrangement and Details of Distant Signal Ramp for Harold Wood	¾" to 1' elevation of ramp, comprising 3 lengths of timber 24' long, mounted on sleepers and 6" to 1' details of components and fittings	25.5.21	1921	-	-	PL-C	563	2
23459	Six Wheels Coupled Radial Tank Engines Class K85- Proposed Metallic Packing for Piston Rods	Full size details of 8 components and sectional arrangement Endorsed: items A, B, C and D are as used for D56 packing to Dg No 10498	23.5.21	1921	K85	N7	PL-C	537	1
23466 -1	Bearing A.1.B.1.with Extended Sides for Wagon Axleboxes A1 and B1	Full size elevations, sections and plan of bearing Endorsed: this drawing supersedes Dg No 23466	- .4.22	1922	-	-	PL-C	546	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23474	Six Wheels Coupled Goods Engines Class Y14-Liquid Fuel Tank for Tender (S23)	1½" to 1' elevations and plan of tank overall size 5' 4 ½" x 4' 0 ½" x 4'7" deep	8.7.21	1921	S23	-	PL-C	568	1
23513	Six Wheels Coupled Goods Engines Class Y14-Arrangement and Details of 'Superior' Tube Cleaner	1½" to 1' arrangement shown in relation to sectional elevations and plan of firebox and full size details Endorsed: altered 6.7.23	2.8.21	1921	Y14	J15	PL-C	522	3
23519	Four Wheels Coupled Mixed Traffic Engines Class T26-Arrangement and Details of Special Feed Valve for WH Brake	1½" to 1' arrangement of valve and connections and 6" to 1' and full size details of components Endorsed: altered 12.10.21	- .7.21	1921	T26	E4	PL-C	470	1
23529	Built Up Crank Axle for Tank Engines T18 Class	3" to 1' elevations of axle and right hand crank Endorsed: superseded by Dg No 24156 25.1.24	24.11.21	1921	T18	J66	PL-C	502	2
23530	Built Up Crank Axle for Goods Engines Class Y14	3" to 1' elevations of axle	22.12.21	1921	Y14	J15	PL-C	515	1
23534	Tenders Class T46-Welded Liquid Fuel Tank	1½" to 1' sectional elevations and plan of tank 6'4" x 5' 11 ½" x 3'3" deep and details of strainer	- .7.26	1926	T46	-	PL-C	508	1
23545	Six Wheels Coupled Tram Engines Class D85- Brake Details	3" and 6" to 1' details of numerous components Endorsed: for renewals C53 class; undated alterations	20.9.21	1921	D85	J70	PL-C	591	2
23556	Weighing Machine Maintenance Van for Messrs. Pooley & Son-Arrangement of Body	1" to 1' elevations, sections and plan, showing layout of equipment of 27' long body and portable footsteps	- .9.21	1921	LM8461	84W	PL-C	543	2
23558	Weighing Machine Maintenance Van for Messrs. Pooley & Son-Arrangement of Underframe LM8461	1½" to 1' elevation, section and plan of 4 wheel channel steel underframe 26' 10 ½" and wheelbase 15'6" Endorsed: for arrangement of body see Dg No 23556	15 .11.21	1921	LM8461	84W	PL-C	596	1
23568	'Costanzo' Experimental Firebar for G69 Class	Full size elevation and plan of firebar dimensioned in millimetres Endorsed: for blueprint see SDO Office Copy	14.9.21	1921	-	-	PL-C	519	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Supplementary Dg No SDO 6671							
23573	Steam Cock for Mechanical Sight Feed Lubricator and for Cleaning Superheater Tubes	Full size section, elevation and plan of cock Endorsed: for apparatus for cleaning superheater tubes see Dg No 17772; one for trial	23.9.21	1921	-	-	PL-C	553	2
23574	Alterations to 20 Ton Goods Brakes to Suit Standard Wagon Buffing Gear	1 ½" to 1' elevation, half elevation and plan of headstock and buffer of steel channel framed wagon Endorsed: altered 11.1.22	14.10.21	1921	-	-	PL-C	545	1
23575	Details of Alterations to 20 Ton Goods Brakes to Suit Standard Wagon Buffing Gear	3" to 1' details of various components Endorsed: altered 7.2.22	14.10.21	1921	-	-	PL-C	598	2
23579	Four Wheels Coupled Bogie Express Engines Class D56 and Tank Engines Class K89-Cast Iron Chimney and Hood	6" to 1' sectional elevation, elevation and plan Endorsed: altered for K89 21.9.23; altered 19.8.29 for classes T19B (D13), D56 (D15), E72 (J18), T77 (J19), F48 (J16), F48B (J19)	- .1.22	1922	K89	N7	PL-C	513	3
Att 23579	Engines Types J16, J17, J18, J19-Alteration to Chimney and Hood	6" to 1' part section and plan of hood	- .9.29	1929	-	J16 J17 J18 J19	PL-C	513	2
23580	Standard Wagon Buffer Guide	Full size elevations and plan of iron casting 1' projection with the letters STD cast in	4.11.21	1921	-	-	PL-C	564	2
23601	Arrangement and Details of Alterations to Brakework for Yard Crane Engines (205 Class)	1½" to 1' arrangement of alterations and 6" to 1' details of components Endorsed: altered 22.3.22	15.12.21	1921	205	J92	PL-C	476	2
23628	Six Wheels Coupled Bogie Express Engines 1500 Class-Arrangement and Details of Bogie Slide Control Springs	3" to 1' arrangement and 6" to 1' details of 4 components Endorsed: additions to title: with 4'9" boiler 11.6.24; D56 with 5'0" 2.2.23	- .1.22	1922	S69	B12	PL-C	515	2
23629	Four Wheeled 20 Tons Goods Brakes-Details of Braekwork	3" to 1' details of numerous components Endorsed: altered 26.1.23, 12.3.23 and 24.8.27	10.2.22	1922	-	56W	PL-C	604	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23638	Six Wheels Coupled Radial Tank Engines Class K85-Flange Seating for ½ In Screw Down Valve (Used instead of 1" Steam Plug Cock) for Detroit 5 Sight-Feed Lubricator	1½" to 1' arrangement in relation to cab and backplate and full size elevation of valve and flange	30.8.22	1922	K85	N7	PL-C	511	2
23642	Arrangement for Securing Protectors to Stones 4 Pint Sight Feed Lubricator	Full size elevation and plan of fitting	26.4.22	1922	-	-	PL-C	571	2
23653	Piston Rods	Table of dimensions of diameters when new and when scrapped	- .10.32	1932	-	-	BP-L	570	1
23659	Six Wheels Coupled Goods Engines Class Y14 Type J15-Firebox	1½" to 1' sectional elevations of firebox	9.4.30	1930	Y14	J15	PL-C	565	1
23669	Buffing Springs	Full size half elevation and section of 2 plate spring 4' 11 ½" centres unloaded	24.10.47	1947	-	-	P	478	1
23683	Valve Spindles	Schedule of GE Section classes showing diameters when new and when scrapped, issued 10.32	- .2.22	1922	-	-	BP-L	520	1
23688	Arrangement and Details for Fixing Whistle on Auto Trains	1" to 1' interior and exterior part end elevation and section showing arrangement of gear and 3" to 1' and full size details of components	8.3.22	1922	-	-	PL-C	565	2
23696	Arrangement and Details of Alteration to Steam Heating Gear G69 Class	1½" to 1' arrangement of pipework and valve and full size details of components	31.10.22	1922	G69	F6	PL-C	541	2
23710	Engines Class 110 (S44)-Back Damper Handle to be Altered Thus	3" to 1' details of handle	12.9.22	1922	S44	G4	PL-C	503	1
23711	Alteration to Positions of Test Cock and Lamp Holder on T18 Class Engines	1½" to 1' elevation of holder and connection and diagram showing position Endorsed: altered 7.2.23	- .4.22	1922	T18	J66	PL-C	485	2
23712	Bearing Y for Wagon Axlebox Y 10" x 5" Journals	Full size elevation, section and plan of bearing Endorsed: title altered to bearing Y and E1 for wagon axleboxes Y and E1 25.11.22	10.5.22	1922	-	-	PL-C	561	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23715	Alteration to Drivers Brake Valve Bracket for Engines 240 and 640 Classes	3" to 1' elevations of 3 types of bracket Endorsed: altered 14.11.22	- .9.22	1922	E10 G14	-	PL-C	514	2
23721	Arrangement of Liquid Fuel Carburettor, Heater and Tank for Y14 Class Engine	1½" to 1' elevations and plan of arrangement shown in relation to forward part of tender and engine footplate	- .4.22	1922	Y14	J15	PL-C	504	1
23726	Arrangement of Weather Plate on S23 Class Tender (1150 Eng.)	1 ½" to 1' elevations and plan of sheet attached to front of tender and full size details of parts	- .5.22	1922	S23	-	PL-C	464	2
23730	Hole and Cover to be Made on Trailing Sand Boxes on T18 Class Engines	3" to 1' elevation and section of box showing position of cover	5.10.22	1922	T18	J66	P-C	538	2
23738	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Diameter Boiler-Smokebox	3" to 1' sections and half elevation of smokebox and upper part of cylinders with index to associated drawings Endorsed: altered 25.3.42	22.11.22	1922	S69	B12	PL-C	562	3
23739	Four Wheels Coupled Bogie Express Engines Class 1900 with 5' 0" Dia. Boiler-Blast Pipe	6" to 1' section and half plan of blast pipe Endorsed: undated altered for engines with exhaust injectors	15.11.22	1922	-	D15	PT-C	467	2
23741	Arrangement of Windows and Protectors for Tender Weather Plate S23 Class (1150 Eng)	6" to 1' elevations and plan of outline of window with protectors made from 7 3/8" vertical bars	24.5.22	1922	S23	-	PL-C	552	2
23743	Motor Lorries with "Shefflex" Chassis-Ironwork Details for Body	3" to 1' details of numerous components	9.6.22	1922	-	-	PL-C	527	2
23744	Four Wheels Coupled Bogie Express Engines Class 1900 5Ft 0Ins Diameter Boiler	1½" to 1' elevations, sections and plans of boiler with 6" to 1' details of riveting Endorsed: altered 12.3.23 and 18.12.24	9.5.22	1922	D56	D15	PL-C	517	4
23784	Six Wheels Coupled Coal Engines M87 Class (D81)-Arrangement and Details of Detroit Six Sight Feed Lubricator	1½" to 1' arrangement of pipework and full size details of fittings Endorsed: for engines with Lentz valve gear see Attachment	9.8.22	1922	M87	J20	PL-C	579	3
23784 Att	Six Wheels Coupled Goods Engines Class D81 with Lentz Valve Gear-Arrangement of	1½" to 1'elevations of equipment within cab	27.3.25	1925	D81	J20	PL-C	579	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23785	Arrangement of Crane Truck (3 Tons Steam) for Civil Engineer	1½" to 1' general arrangement of 25' 6" well wagon with 20' wheelbase and 16' inside well	3.11.22	1922	-	-	PL-C	542	2
23786	Details of Framework of Crane Truck for Civil Engineers Dept	1½" to 1' details of numerous components	22.11.22	1922	-	-	PL-C	549	2
23788	Bearing Spring for Crane Truck for Civil Engineers Department	Full size half elevation and section of 7 plate spring 3' 1" centres unloaded	9.12.22	1922	-	-	PL-C	555	1
23790	Arrangement of Weather Plate for S23 Class Tender Y14 Class Engine	1½" to 1' elevations and plan of plate and 6" to 1' and full size details of fittings Endorsed: altered 2.8.22	- .8.22	1922	S23	-	PL-C	471	2
23821	Six Wheels Coupled Express Engines 1500 Class-Arrangement Showing Alterations to Pipes and Brackets to Suit 6 ½"/12" Air	1" to 1' arrangement shown on part side elevation of engine Endorsed: altered 12.1.23	- .10.22	1922	S69	B12	PL-C	520	1
23822	Six Wheels Coupled Express Engines Class S69-Details for Westinghouse Brake with 6 ½"/12" Air Compressor	3" and 6" to 1' and full size details of components	31.10.22	1922	S69	B12	PL-C	479	1
23829	Four Wheels Coupled Express Engines 1900 Class with 5' 0" Boiler-Bogie Axle	3" to 1' elevation of axle	- .12.22	1922	D56	D15	PL-C	545	3
23837	Sketch Showing Position for Stamping Date of Manufacture on Connecting and Coupling Rods, Screw Couplings and Shackles, Draw	3" to 1' sketches of 9 components showing stamping position Endorsed: altered 23.11.22	31.10.22	1922	-	-	PL	480	2
23843	Four Wheels Coupled Bogie Express Engines D56 Class with 5'0" Diameter Boiler-Cab and Splasher	1½" to 1' elevations of splashers and cab and plan of splashers Endorsed: altered 28.2.23; altered 5.30 for removal of brass beading	13.12.22	1922	D56	D15	PL-C	597	3
23845	Alteration to Position of Brake Release Valve on Tenders	1½" to 1' elevation showing position of vale and full size details of bracket and tee piece	22.11.22	1922	-	-	PL-C	602	2
23846	Four Wheels Coupled Express Engines Class 1900 with 5Ft 0In Boiler-Boiler Stays	Full size elevations and plan of 7 types of stay	22.11.22	1922	D56	D15	PL-C	517	2
23858	Four Wheels Coupled Bogie Express Engines Class 1900 with 5Ft 0Ins Dia. Boiler-Cover	6" to 1' elevation and plan of plate Endorsed: altered 7.4.23	13.12.22	1922	D56	D15	PL-C	470	2
23860	Four Wheels Coupled Bogie Express Engines Class H88-Cab Front Windows	3" to 1' elevations of windows and full size details of components	29.12.22	1922	H88	D15	PL-C	478	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23863	Four Wheels Coupled Express Engines Class 1900 with 5' 0" Dia. Boiler-Reversing Shaft	6" to 1' details of shaft and fittings	5.12.22	1922	D56	D15	PL-C	493	2
23866 -1	Standardisation of Gangways-Details of Ironwork for Connecting Standard and Pullman Faceplates	3" and 6" to 1' details of components Endorsed: see Dg No 23866 for arrangement	- .5.23	1923	-	-	PL-C	604	1
23889 Att	7 ½ In Diameter Flat Seating-Cast Iron Base for 2 ½ In Ross Pop Safety Vale for Engines Classes D15, D16 & N7	Full size side elevation and plan of base	- .10.27	1927	-	D15 D16 N7	BL-C	463	1
23892	Four Wheels Coupled Bogie Express Engines D56 D16/3-Blast Pipe for Engines with Superheater and Weir Pump	6" to 1' elevation, section and plan of blast pipe Endorsed: altered 28.10.45	17.1.23	1923	D56	D16/3	P	550	1
23898	Four Wheels Coupled Express Engines H88 Class-Frame Arrangement	1½" to 1' elevations and plan of main and outside frames with buffing gear Endorsed: altered 4.9.31	- .2.23	1923	H88	D15	PL-C	527	3
23908	Four Wheels Coupled Bogie Express Engines 1900 Class with 5' 0" Dia. Boiler Engine Types D14, D16, J16-19 with Boilers to Dg No 29803-5 ½" Regulator	Full size sections, elevations and plans of regulator Endorsed: altered 12.7.33, 7.35 & 3.10.56	16.1.23	1923	D56	D14 D16 J16 J17 J18 J19	PL-C	478	2
23910	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Diameter Boiler (D16/2)-Cast Iron Chimney and Hood	6" to 1' elevations, section and plan of components Endorsed: altered 30.1.23	31.1.23	1923	-	D16/2	PL-C	536	2
23911	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Diameter Boiler-Dome Casting	Full size section of dome 1' 6 9/16" high	15.1.23	1923	-	D15	PL-C	594	1
23950	Four Wheels Coupled Express Engines Class 1900 with 5 Ft 0 Ins Diameter Boiler-Arrangement of Reversing Gear	1 ½" to 1' outline part side elevation and half end elevation and plan showing arrangement of reversing gear Endorsed: altered 5.38	30.1.23	1923	D56	D15	PL-C	461	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
23957	Four Wheels Coupled Bogie Express Engines H88 Class-Arrangement and Details of Injector Delivery into Dome	3" to 1' sectional elevations and plan of apparatus and 6" to 1' details of clips	27.2.23	1923	H88	D16	PL-C	573	2
23964 Ren	Four Wheels Coupled Bogie Express Engines Class H88 (D16)-Rod, Pipe and Clothing	1½", 3" and 6" and full size details of components and fittings	- .4.33	1933	H88	D16	BP-L	584	1
23966	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Dia. Boiler-Frame and Boiler Stay	3" to 1' elevation and plan of stay in relation to frame and full size section of fixing	20.2.23	1923	D56	D15	PL-C	508	2
23978	Four Wheels Coupled Bogie Express Engines H88 Class-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: altered 2.34 & 27.6.50	- .6.25	1925	H88	D15	PL-C	478	2
23980	Four Wheels Coupled Bogie Express Engines (H88 Class)-Ashpan Details	Full size details of numerous components Endorsed: altered to red for engines fitted with boiler to Dg No 29803; for arrangement see Dg No 30878 14.11.32; altered 30.4.34	27.3.23	1923	H88	D16	PL-C`	572	2
23981	Four Wheels Coupled Bogie Express Engines Class 1900 with 5'0" Boiler-Blower Socket and Gear	Full size elevations and plan of assembly and details of components Endorsed: altered for D14, 15 and 16 types with boiler to Dg No 29803 and air reversing gear 19.12.32	6.3.23	1923	H88	D16	PL-C	597	2
23984	Four Wheels Coupled Bogie Express Engines Class H88 (1900) with 5' 0" Diar. Boiler-Bogie arrangement	3" to 1' elevations, sections and plan of 6' 6" wheelbase bogie with 3'9" diameter wheels on tread Endorsed: bogie details see Dg No 23985; altered 5.39	1.6..23	1923	H88	D16	PL-C	573	1
23985	Four Wheels Coupled Bogie Express Engines Class H88-Bogie Details	3" and 6" to 1' elevations and plans of components Endorsed: altered 12.34 and 5.39	29.5.23	1923	H88	D15	PL-C	525	3
23993	Four Wheels Coupled Bogie Express Engines H88 Class-Arrangement and Details of Gear for Ejecting Smokebox Ashes	1½" to 1' arrangement of gear shown on section of smokebox and 6" to 1' and full size details of components	23.3.23	1923	H88	D16	PL-C	587	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24009	Automatic Drain Valve for Cylinders E72 Class	Full size sections and elevations of valve and components with sketch showing position on engine Endorsed: altered 27.6.24 and 30.9.25	28.12.23	1923	E72	J18	PL-C	584	2
24009 Att	Alteration to Automatic Drain Valve for Cylinders E72 Class	Full size sections of components Endorsed: altered 30.9.25	2.7.24	1924	E72	J18	PL-C	584	1
24010	Four Wheels Coupled Express Engines Class H88-Arrangement of Davies & Metcalfe's No 9 Exhaust Steam Injector	1½" to 1' arrangement of injector shown on outline elevation and plan of engine frame and cab Endorsed: for details see Dg No 24011; altered 18.5.36	16.5.23	1923	H88	D15	PL-C	495	2
24011	Four Wheels Coupled Express Engines Class H88-Details of Davies & Metcalfe's No 9 Exhaust Steam Injector Gear	3" to 1' and full size details of numerous components Endorsed: two components added	29.5.23	1923	H88	D16	PL-C	514	3
24016	Built Up Crank Axle for Six Wheeled Coupled Bogie Express Engines Class S69	3" to 1' elevations of axle Endorsed: altered 2.6.30, 11.30 and 5.5.42 Traced from Doncaster Dg No 184-T	7.5.23	1923	S69	B12	PL-C	602	3
24027 Ren	Six Wheels Coupled Tank Engines S56-Arrangement of Vacuum Brake Pipes	1½" to 1' arrangement of pipework on outline side, half end elevation and plan of engine Endorsed: vacuum exhaust altered to chain dotted lines 1.51 My comment: date of original drawing 30.1.24	11.7.41	1941	S56	B12	BP-L	511	3
24027 Att 1	Alterations to Vacuum Brake Pipes to Suit Tank Engine Class G75	1½" to 1' part side elevation and half end elevation showing arrangement of pipework	- .6.3	1923	G75	J68	BP-L	511	1
24027 Att 2	Six Wheels Coupled Tank Engines R24 Class-Arrangement of Vacuum Pipes for Engines with Narrow Cabs	1½" to 1' arrangement of pipework in relation to outline elevations and half plan of engine Endorsed: for alteration to position of vacuum ejector, etc. for engines class R24 (with narrow cabs) see Attachment No 3	- .1.24	1924	R24	J69	BP-L	511	2
24027 Att 3	Six Wheels Coupled Tank Engines Class R&S24 with Narrow Cabs-Alteration to	1½" to 1' arrangement shown in relation to part elevations and plan of cab, 3'to 1'	8.4.24	1924	R24 S24	J69	BP-L	511	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24027 Att 4	Six Wheels Coupled Tank Engines Types K-Tank-69 and J-Tank-67 (GE Classes S56 and R&S24) Additional Clip for Securing Vacuum	3" to 1' elevations showing pipe mounted on beam	3.6.26	1926	S56 R24 S24	J67 J69	BP-L	511	2
24027 Att 5	Six Wheels Coupled Tank Engines Class R&S24 (Type J-Tank-69) with Narrow Cabs	1½" to 1' arrangement of gear shown in relation of part elevations and plan of cab	- .7.26	1926	R24 S24	J69	BP-L	511	2
24027	Six Wheels Coupled Tanks Engines S56 Class-Arrangement of Vacuum Brake Pipes	1½" to 1' arrangement of pipes shown on outline elevation and plan of engine	- .5.23	1923	S56	J67 J69	PT-C	601	4
24027 Att 1	Alterations to Vacuum Brake Pipes to Suit Goods Tank Engines Class G75	1½" and 3" to 1' details of fittings	- .6.23	1923	G75	J68	PT-C	601	3`
24027 Att 2	Illegible	Drawing badly damaged					PL-C	601	4
24027 Att 3	Six Wheels Coupled Tank Engines Class R & S24 with Narrow Cabs-Alteration to	1½" to 1' arrangement with 3" and 6" to 1' details of brackets	- .4.24	1924	R24 S24	J67 J69	PL-C	601	3
24027 Att 4	Six Wheels Coupled Tank Engines Types J-Tank-69 and J-Tank-67 (GE Class S56 and	3" to 1' elevations of assembly	2.7.26	1926	-	J67 J69	PL-C	601	3
24027 Att 5	Six Wheels Coupled Tank Engines Class R&S24 (Type J-Tank-69)- with Narrow Cabs	1½" to 1' elevations and plan of assembly	- .7.26	1926	-	J69	PL-C	601	4
24030	Four Wheels Bogie Express Engines H88 Class with 5 Ft Dia. Boiler-Brake Details for WH and Vacuum	3" and 6" to 1' and full size details of various components Endorsed: altered for GE class N7 engines 19.5.39	- .5.23	1923	H88	D15	PL-C	466	2
24036	Wagon Number Plate (Cast Iron) 10 Tons Wagons	Full size elevations of 'D' plate 11" x 6 ½" inscribed L&NER-E/10 Tons/654320 Endorsed: altered 8.8.23 to delete the ampersand; superseded by Dg No 24367	2.5.23	1923	-	-	PL-C	490	1
24052	Arrangement of Writing on Small Carriage Stock	¾" to 1' outline side elevation of GN type composite 6 wheel carriage showing disposition of L&NER, running number and class numerals and position of date varnished and date lifted on solebars Endorsed: the & not required 6.23, suffix E to original running number not required 3.7.25 with introduction of figure 6	1.6.23	1923	-	-	PL	585	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Doncaster Dg No 4302N 27.4.23							
24061	Four Wheels Coupled Bogie Express Engines-Type D16-Footboard	1½" to 1' elevations and plan of footboard and 3" to 1' details of fittings Endorsed: work to red for engines with boilers to Dg No 29803; altered 24.1.42	- .12.32	1932	-	D16	BP-L	513	2
24069	Six Wheels Coupled Bogie Express Engines-Arrangement of 'Superior' Tube Cleaner S56	1½" to 1' elevations and plan of gear in relation to firebox	- .5.23	1923	S56	B12	PL-C	485	3
24070	Express Engines 1900 Class and Coal Engines 1200 Class-Arrangement of	3' to 1' elevations of doors and section	- .5.23	1923	D56 F48	D15 J16	PL-C	491	2
24071	Table for Hydraulic Press No 2174 Wheel Shop, Temple Mills	4½" to 1' elevation, plan and section of cast iron table for press My note: the scale is correctly recorded Copy of SDO Dg No 6909	9.6.23	1923	-	-	PL-C	587	1
24076-1	0-6-0 Tank Engines Type J69 (S56) and F7-Combined Injector Cock and Isolating Cock	Full size sections and plan of cocks Endorsed: altered 6.35	- .10.29	1929	-	J69 F7	P	548	1
24110	2 ½" Ross Patent Muffled Pop Safety Valve	Full size section of valve Endorsed: altered 19.2.24	- .7.23	1923	-	-	PL-C	503	4
24149	Six Wheels Coupled Radial Tank Engines Class K89-Boiler	1½" to 1' elevations, sections and plans of boiler with full size details of riveting Endorsed: altered 17.1.24, 20.3.24 & 5.35	- .9. 23	1923	K89	N7	PL-C	477	3
24152	Six Wheels Coupled Radial Tank Engines Class K89, N7-Vacuum Brake Arrangement	1" to 1' arrangement shown on outline elevations and half plan of engine Endorsed: altered 11.8.30 and 18.8.33	- .9.23	1923	K89	N7	BP-L	600	2
24156	Built Up Crank Axle for Tank Engines T18 Class	3" to 1' elevations of axle Endorsed: altered 19.6.25	- .1.24	1924	T18	J66	PL-C	514	4
24157	Built Up Crank Axle for Six Wheels Coupled Radial Tank Engines (Class L77)	3" to 1' elevations of axle	- .4.24	1924	L77	N7	P	536	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24158	Six Wheels Coupled Radial Tanks Engines Class K89-Vacuum Brake Pipes	Schedule divided into 4 sheets of 17 brake components with 7 sketches	21.9.23	1923	K89	N7	PL	534	2
24160	Diagram Showing Lettering and Numbering on Tank Engines and Tenders	Unscaled diagram showing outline of 2-4-2T and typical tender lettered LNER 62E My note: LNER in 7 ½" characters exclusive of shading, numerals 12" suffix letter 4 ½"	- .8.23	1923	-	-	PL	478	2
24178	Banana Vans-Arrangement of Brakework	1½" to 1' side elevation, sectional end elevation and plan of underframe showing arrangement of hand and vacuum braking	5.10.23	1923	S89	85W	PL-C	525	1
24180	Banana Vans-Brake Release Spring	Full size elevations of coil spring on brake shaft	24.9.23	1923	S89-	85W	PL-C	496	1
24187 Ren	Cast Iron Packing for Piston Rods Classes D15, D16, J17, N7	Full size sections and elevation of piston rod and packing components Endorsed: altered 7.58	- .7.50	1950	-	D15 D16 J17 N7	P	585	1
24193	Standard Washout and Fusible Plug	Full size section and plan of bronze plugs Endorsed: for Group Standard washout plug see Dg No 26006 9.6.26; for future fusible plugs see Dg No 32148 16.3.35	7.11.23	1923	-	-	PL-C	572	2
24193 Att	Fusible Plug for Stationary Vertical Boilers	Full size section and elevation of bronze plug Endorsed: see Dg No 34931 for fusible plug for vertical stationary boilers	7.11.24	1924	-	-	PL-C	572	2
24193 Att 2	Long Washout Plug	Full size elevation and plan of plug	15.5.25	1925	-	-	BP	572	2
24279	Relative Positions of Bottom of Water Gauge Glass and Top of Firebox on GE	Diagram with schedule of dimensions Endorsed: altered 14.2.24	- .1.24	1924	-	-	PL	493	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24283	Arrangement of Writing and Particulars for the Painting of Goods Lorries-Horse	1 ½" to 1' outline elevation of flat bed lorry showing lettering details: L&NER in full, tare, load and vehicle number prefixed E; body dark blue, underwork, shafts and side rail red, lettering plain white	19.11.23	1923	-	-	PL	511	1
24288	(Untitled)	3" to 1' details of additional component My note: unnumbered and untitled	-	-	D81	J20	TP	572	2
24288	Model of 'Lentz' Valve Gear for 0-6-0 goods Engines Class D81	6" to 1' elevations and plan of model and 3" to 1' details	23.2.24	1924	D81	J20	PL-C	572	2
24298	Platform Barrow Fitted as Trailer for no 11 Electric Truck Stationed at Colchester	3" to 1' elevations and plan of 4 wheeled barrow as modified with details of components	16.5.24	1924	-	-	PL-C	475	2
24298	Six Wheels Coupled Express Engines S69-Arrangement of Vacuum Brake	1 ½" to 1' arrangement shown on outline elevations and half plan of engine Endorsed: for nipple and unions see Dg No 31240; altered 22.11.27	18.1.24	1924	S69	B12	PL-C	497	4
24299	Six Wheels Coupled Bogie Express Engines S69 Class-List of Vacuum Brake Pipes	Drawing divided into 4 sheets: Sheet 1-schedule of pipes with length and description Sheet 2-sketches A and B Sheet 3-sketches C and F Sheet 4- sketches D and E	- .12.23	1924	S69	B12	PL	471	3
24299 -1	Six Wheels Coupled Bogie Express Engines B12 Class-Sets of Vacuum Brake Pipes (Solid Drawn Steel)	Drawing divided into 4 sheets: Sheet 1-schedule of pipes with length and description Sheet 2-sketches A and B Sheet 3-skteches C, F and G Sheet 4-sketches D and E	-0.27	1927	-	B12	P	471	1
24299 -2	Six Wheels Coupled Bogie Express Engines Type B12-Vacuum Brake Pipes (Solid Drawn Steel)	Drawing divided into 4 sheets: Sheet 1-schedule of pipes with length and description Sheet 2-sketches A and B Sheet 3-skteches C, F and G	- .7.28	1928		B12	P	471	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Sheet 4-sketches D and E							
24311	Clinker Shovel	6" to 1' elevation and plan of shovel showing a range of 7 handle lengths Endorsed: see Dg No 26035	7.12.23	1923	-	-	PL	588	2
24314	Ramps for Carriage Wheels Lathes-Carriage Lifting Shop SDO Dg No 7032	3" to 1' elevations, sections and plan of ramp Endorsed: two sets complete to this	1.1.24	1924	-	-	PL-C	570	1
24315	Six Wheels Coupled Tank Engines R&S24 Class and S56 Class-List of Vacuum Brake Pipes	Unscaled diagrams of numerous pipes and schedule of dimensions Endorsed: undated alterations My comment: drawing divided into 4 or more sheets; sheet 4 is missing	- .2.24	1924	R&S24 S69	J67 J69	P-L	602	3
24363	Carriage Axlebox for 8" x 4" Journals for Bogies with Outside Solebars Pattern AA	3" to 1' sections, elevations and plan of axlebox Copy of Doncaster Dg No 1366N 10.9.40	16.2.48	1948	-	-	BP	585	3
24368	Lifting Tackle for Bogie Coaches (7 ½ Tons per Hook) Carr. Lifting Shop	6" to 1' elevations of tackle Endorsed: altered 20.8.24 & 6.10.24 SDO Dg No 7049	23.5.24	1924	-	-	PL-C	487	3
24368 Att	Arrangement and Details of 15 Tons Hook to be Fitted to Carriage Lifting Shop Cranes	1" to 1' arrangement and 3" to 1' details SDO Dg No 7293	- .10.24	1924	-	-	PL-C	487	2
24372	Arrangement and Detail of Safety Chain for Reversing Wheel	3" to 1' elevations showing arrangement of chain and full size details of links and hook to control engine reversing wheel	24.1.24	1924	-	-	PL-C	587	1
24378	Six Wheels Coupled Goods Engines Class D81-Built Up Crank Axle	3" to 1' elevations of axle	10.4.24	1924	D81	J20	PL-C	570	3
24380	Details of Model Lentz Valve Gear	3" and 6" to 1' details of numerous components Endorsed: altered 3.6.24	18.2.24	1924	-	-	PL-C	569	1
		3" to 1' details of 13 components							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24387	Details of Buffing and Draw Gear for Standard 12 Ton Goods Wagon	Endorsed: title altered by addition of Covered Fish in place of Standard 12 Ton Goods Wagon; for general arrangement see Darlington Dg No 12032 Copy of Darlington Dg No 11671; altered to Dg No 12062.D	12.2.24	1924	-	-	BP	538	
24388	Brake Gear Details for 17Ft 6Ins Timber Underframe Fitted with Vacuum and Hand Brake	3" to 1' details of 14 components My comment: the title 'Covered Fish Truck' appears on outside of the drawing Copy of Doncaster Dg No 4681N 18.1.24	20.3.24	1924	-	-	BP-L	592	1
24390	Details of Standard Brake for Standard Covered Goods Wagons	3" to 1' details of 41 components with schedule Copy of Doncaster Dg No 688N 13.1.16	20.3.24	1924	-	-	BP-L	591	2
24394	W.I. Brake Gear Details for Horse Boxes	3" to 1' details of components Endorsed: for arrangement of frame see Doncaster Dg No 1429N; My comment: the exterior of the plan is endorsed 'covered fish trucks brakework details' Copy of Doncaster Dg No 1450N 14.11.11	20.3.24	1924	-	-	BP-L	588	3
24396	Arrangement of Power Brake on 17Ft 6Ins Wagons with Timber Underframes	1½" to 1' elevations, sections and plan of wood underframe with 9'0" wheelbase showing arrangement of vacuum brake Copy of Doncaster Dg No 4679.N 15.1.24	25.2.24	1924	-	-	BP-L	600	1
24401	Four Wheels Coupled Bogie Tank Engines Class S44-Arrangement of Vacuum Brake	1½" to 1' arrangement of brake on outline elevations and part plan of engine Endorsed: altered 10.3.24	23.2.24	1924	S44	G4	PL-C	590	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24402	Sketch of Board for Model of Lentz Valve Gear	3" to 1' elevations and plan of bench and back board with brackets to support model	12.2.24	1924	-	-	PL-C	604	2
24404	Four Wheels Coupled Bogie Tank Engines Class S44-List of Vacuum Pipes	Unscaled elevations of three types of pipe and schedule of dimensions arranged on three sheets	14.2.24	1924	S44	G4	PL	589	2
24423	Light Type Bogie 8Ft 6Ins Wheelbase	3" to 1' general arrangement of bogie Endorsed: original date 19.7.11, retraced 7.2.49 Copy of Doncaster Dg No 1367N	22.11.49	1949	-	-	BP	561	2
24437	Oil Axle Box-V Pattern for 10'0" and 8'6" Wheel Base Bogies, Journals 9½" x 4 3/8"	Full size elevations, sections and plan of axlebox marked BR (E) with H beneath Copy of Doncaster Dg No 4318.N	3.2.53	1953	-	-	BP	600	2
24460	8Ft 6In Wheelbase Bogie 10" x 5" Journals, 6Ft 6Ins Centres to Carry 18 Tons on Pivot	3" to 1' general arrangement of bogie Copy of Doncaster Dg No 3378N 4.3.26	1.5.34	1934	-	-	BP-L	560	2
24465	Revised Arrangement of Swing Links 1 in 4 Inclination 8Ft 6W.B. Bogie 10In x 5In Journals (Dg No 3378)	3" to 1' arrangement of links and 6" to 1' details of 5 components Copy of Doncaster Dg No 3981N 23.1.25	2.4.25	1925	-	-	BP-L	568	2
24473	Details of 8'6" WB Bogie 10" x 5" Journals	1½", 3" and 6" to 1' details of 19 components Copy of Doncaster Dg No 3375.N	29.8.27	1927	-	-	BP	555	3
24474	Cast Steel Twin Coupler	6" to 1' elevations, sections and plan of coupler Copy of Doncaster Dg No 2104N 7.8.14	16.4.24	1924	-	-	BP	590	2
24500	Buffer Guide-Malleable Cast Iron	6" to 1' elevation and section of guide for Quintuple Suburban trains Endorsed: altered 20.2.42 Copy of Doncaster drawing, unnumbered dated 29.4.24	6.5.24	1924	-	-	P-L	562	2
24504 Ren	Details of Castings for 8Ft 6Ins Wheelbase Bogie	6" to 1' details of 9 components for bogie to Dg No 1367N Copy of Doncaster Dg No 1116N 30.6.52	- .6.52	1952	-	-	BP	512	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24506	Top and Bottom Bogie Centre Pivots for 8' 0" Wheelbase Bogies-Top Centre Bogie Pivot Only for 8' 6" Wheelbase Bogies (Dg No 1367.N)	Full size section and half plans of top and bottom pivots Copy of Doncaster Dg No 1803N 15.3.38	15.3.38	1938	-	-	BP-L	524	2
24507	Bogie Bottom Centre Cast iron for 8Ft 6In Wheelbase Outer Bogies	6" to 1' sections and plans of plan of components Endorsed: altered 25.7.24 Copy of Doncaster drawing, number torn off	7.8.24	1924	-	-	BP	518	4
24508	Bogie Bottom Centre Cast Iron for 8Ft 6Ins Wheelbase Bogies for Twin Bogies and 9 Wood Carriage Underframes	6" to 1' sections, elevations and plan of casting Copy of Doncaster Dg No 3632N	23.1.40	1940	-	-	P	486	2
24527	Details of Vestibule Connection Arranged to Couple with British Standard or Pullman Type	3" to 1' elevation of connection with 3" and 6" to 1' and full size details of components Copy of Darlington Dg No 8970	18.5.34	1934	-	-	BP	495	1
24530	Four Wheels Coupled Bogie Express Engines D56 Class Fitted with Superheater-List of Vacuum Brake Pipes	List of 31 components and 3 sheets of sketches of pipes	21.1.24	1924	D56	D15	PL	570	2
24543	Bearing Spring Eye Bolt for Carriage Bogies	Full size elevation of bolt and schedule of lengths for various bogies Copy of Doncaster Dg No 3358.N 5.8.59	18.7.61	1961	-	-	P	601	3
24551	Details of Bogie Castings	6" to 1' elevations and plan of 3 castings Copy of Dg No 225HN 6.3.23	1.10.48	1948	-	-	BP	485	2
24568	Quintuple Unit Suburban Trains-W.I. Body Knees	6" to 1' details of knees and schedule listing 13 types	2.5.24	1924	-	-	P	479	1
24571	Quintuple Unit Carriages Suburban-Details of Underframes	1½" and 3" to 1' details of 13 components My comment: this print dated 28.7.41	19.6.24	1924	-	-	PL	558	2
24573	Quintuple Unit Carriages-Suburban-Details of Underframe	1½" and 3" to 1' details of 7 components with schedule	25.7.24	1924	-	-	BP-L	603	1
24601	Standard Steam Heating Cock for Main Pipe	Full size elevations and sections of cock and details of components Copy of Doncaster Dg No 4677N	17.4.24	1924	-	-	BP-L	544	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24610	Oil Axle Box H for Four Wheeled Bogies for Carriages with 10" Solebars	Full size elevations, sections and plan of axlebox for 8" x 4" journals Copy of Doncaster Dg No 7776N	11.11.24	1924	-	-	BP	590	2
24628	Standard Brass and Nipple for Steam Heating Hose Pipe	Full size elevations of nipple Copy of Doncaster Dg No 4678 27.7.31	15.7.38	938	-	-	PB-L	561	3
24734	M.S. Drop Forged Buffer Saddle for 3 Inch Buffer	Full size elevation, section and plan of casting Copy of Doncaster Dg No 4293N	26.4.23	1923	-	-	BP-L	475	2
24735	Details Required for Pullman Vestibule and Buck Eye Coupler	Drawing divided into 3 sheets, a front cover and 2 pages of schedules listing 72 components Endorsed: for arrangement of buck eye buffing and drawgear see Doncaster Dg No 4390 Copy of Doncaster Dg No 4391	6.7.23	1923	-	-	BP	475	3
24739	Arrangement of Buck Eye Draw Gear with Spencer's I.R. Springs No 663	3" to 1' elevations and plan of drawgear Copy of Doncaster Dg No 4272 23.4.23	6.5.24	1924	-	-	BP-L	590	1
24740	Details and List of Articles for Buck Eye Draw Gear with Spencers I.R. Springs No 663	3" to 1' details of 11 components Copy of Doncaster Dg No 4292N dated 23.4.23	6.5.24	1924	-	-	BP	485	4
24775	Cast iron Studs for Bogie Bolster Springs	Full size elevations of 12 studs with schedule of dimensions Copy of Doncaster Dg No 3341N	21.6.37	1937	-	-	P	499	2
24879	Sections of Van for Standard Carriages 9' 0" Wide	3" to 1' sectional end elevation of sides and roof of van and sections of luggage and guards doors Copy of Darlington Dg No 12053D	11.4.24	1924	-	-	PB	524	2
24880	Arrangement of Door for Standard Carriages 8'9" over Doors	3" to 1' interior and exterior elevations and section of door with full size sections at waist rail Copy of Darlington Dg No 12077 3.3.24	10.4.24	1924	-	-	BP-L	563	2
24881	Sections of Guards Door for Standard Vans 8Ft 6¾Ins Wide	3" to 1' sections through body and doors and elevations of door Copy of Darlington Dg No 12096 28.3.24	- .3.24	1924	-	-	BP	533	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24883	Sections and Pillars for Standard Carriages 9'0" Wide	3" to 1' sectional view of body and sections through door and pillars Copy of Darlington Dg No 12048.D	28.3.24	1924	-	-	BP	598	2
24894 Ren	Six Wheels Coupled Express Engine No 7893 Class Y14 Type J15-Arrangement and Details	1½" to 1' arrangement of blower shown on sectional elevation and part plan of boiler	- .6.31	1931	Y14	J15	PL	532	2
24902	Sections of Corridor Third Compartment	3" to 1' sectional side and end elevation of compartment showing all fittings and upholstery Copy of Darlington Dg No 12126D revised 28.4.25	28.4.25	1925	-	-	BP	525	2
24904	Steam Heating Apparatus for Engines-Elbow and Safety Valve	Full size section and plan of components Endorsed: altered 22.9.24 and 16.3.27	12.5.24	1924	-	-	PL-C	560	3
24910	Sections of Corridor First Compartment	3" to 1' sectional elevation of compartment and corridor and longitudinal section through compartment with full details of furnishings Copy of Darlington Dg No 12125D	9.4.24	1924	-	-	BP-C	465	1
24927	Water Pick Up Gear for Large Tenders-Diagram Showing Relation of Anti-Splash Shields at Bottom of Scoop to Rail Level also New Links Required	6" to 1' section showing position of shield in relation to water trough and details of link	- .5.24	1924	-	-	PL	598	1
24958	Cast Iron Number Plate for Tenders	Full size of rectangular plate 10" x 6"	13.6.24	1924	-	-	PL-C	466	2
24964	Steam Chest Liner with Diagonal Bridges for 8" Piston Valves	Full size elevations and development of liner Copy of Dg No Mv 312.N	12.6.24	1924	-	-	BP	555	3
24964 Att	Alteration to Steam Chest Liner with Diagonal Bridges for 8" Diameter Piston	Full size development of ports	19.6.24	1924	-	-	PL	555	2
24971	Arrangement and Details of Standard Destination Board and Fittings	1½" to 1' arrangement showing position of destination boards on NER elliptical and clerestory roofed carriages and 3" to 1' details of board sockets Copy of Darlington Dg No 11450.D	12.9.24	1924	-	-	BP	538	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
24993	Four Wheels Coupled Bogie Express Engines 1900 Class-Arrangement of Ash Ejector	1½" to 1' arrangement shown on outline elevations and plan of engine and full size details of components Endorsed: 5 engine to be fitted	- .10.14	1914	D56	D15	PL-C	602	3
24994	Ash Ejector Details	Full size elevations, sections and plan of ejector Endorsed: altered 17.7.24 Copy of Darlington Dg No 14030.C	21.7.24	1924	-	-	BP	555	4
25011	Four Wheels Coupled Express Engines Class T19 Fitted with Belpaire Firebox-Blast Pipe	3" to 1' sectional elevations and plan of blast pipe	6.8.24	1924	T19	D13	PL-C	534	2
25015	Proposed Standard Destination Boards	3" to 1' elevations of two small destination boards 2'8 ¼" x 3 ½" and an elevation of board 8'0" x 7" showing dimensions of black letters on a white ground Copy of Darlington Dg No 11944D	12.9.24	1924	-	-	BP-L	496	2
25026	Four Wheels Coupled Bogie Tank Engines Class S44-Arrangement and Details of Steam Heating Apparatus to Suit G.C. Pattern Steam Heating Valve	1½" to 1' arrangement of apparatus on part outline elevations and plan of engine and 6" to 1' and full size details of clips and other fittings	30.9.24	1924	S44	G4	PL-C	581	3
25026 Att	Four Wheels Coupled Bogie Tank Engines Class S44-Part Arrangement and Details of	1½" to 1' elevations and plan showing arrangement	1.10.24	1924	S44	G4	PL-C	581	2
25047	Six Wheels Coupled Engines Classes B12, J20, J19-Cast Iron Packing for Piston Rods	Full size elevations, sections and plans of components Endorsed: numerous alterations to 17.7.58	- .3.25	1925	-	B12, J19 J20	PL	489	2
25057	Express Engines S69 and D56 Classes Types B12, D13 and D15-Locking Arrangement for Union Nuts on Main Air Pipe to WHB-	Full size elevation of elbow, section of fixing and plan of spanner	26.9.24	1924	S69 D56	B12 D13 D15	PL-C	470	3
25114	Lamp Irons on Passenger Trains	¼" to 1'outline end elevations of 6 vehicle types Copy of Doncaster Dg No 1880N	7.6.24	1924	-	-	BP-L	494	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25117	Handle for Guards Door	Full size elevations, plans and sections of inside and outside handles, method of fixing and components Copy of Doncaster Dg No 4916.N	16.9.24	1924	-	-	BP	600	2
25151	Sections of Brake Van	3" to 1' sections and elevations of interior of passenger brake van compartment Copy of Darlington Dg No 12197D	10.9.24	1924	-	-	BP-L	469	3
25156	Six Wheels Coupled Bogie Express Engines S69 Class-Connecting Rod Big End Brasses with Felt Oiling Stips	Full size elevation, section and plan of brass Endorsed: altered 27.11.25, 1.9.32 and 25.5.34; 5 engines to be fitted for trial	6.10.24	1924	S69	B12	PL-C	586	3
25156 Att	Six Wheels Coupled Bogie Express Engines Type J20-Connecting Rod and Brasses Felt Oiling Strips	Full size elevations, section and plan of brass Endorsed: altered 1.9.32 and 25.5.34	3.5.27	1927	-	J20	PL-C	586	2
25166	Latch for Hinged Doors	Full size details of 27 components for an interior sliding carriage door Copy of Doncaster Dg No	4.6.24	1924	-	-	BP	499	2
25169	C.I. Details for Suburban Quadruple Carriages	Full size details of various components including heater, brackets, links, plate and door stops and pull plates Copy of Doncaster Dg No 3270N 14.9.20	11.10.24	1924	-	-	BP-L	584	2
25172	Four Wheels Coupled Bogie Express Engines T19 Class Fitted with Superheater	6" to 1' sections and half plan of pipe	10.10.24	1924	T19	D13	PL-C	489	1
25177	Brass Blind Barrel Brackets	Full size elevations of types of bracket Copy of Doncaster Dg No 4938.N 18.8.24	17.10.24	1924	-	-	BP-L	604	1
25194	Disc, Wheel and Axle for Carriages	Full size half section of 3' 7" wheel on tread and 3" to 1' elevation and section of wheel set for journals 9½" x 4 3/8" Endorsed: altered 2..5.36	2.7.9.32	1932	-	-	BP	573	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Doncaster Dg No 3554N							
25211	Four Wheels Coupled Colne Valley Engines-Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement shown on part elevations and plan of engine and full size details of brackets	10.11.24	1924	-	-	P	479	3
25211	Four Wheels Coupled Colne Valley Engines-Arrangement and Details of Steam Heating Apparatus	1½" to 1' arrangement shown on part elevations and plan of engine and full size details of brackets	10.11.24	1924	-	-	PL-C	479	1
25222	Four Wheels Coupled Radial Tank Engines Class Y65 Type F7-Arrangement and Details of Vacuum Brake Pipes, GC Gear to Work Regulator from Attached Coach and Alteration of Steam Heating Pipes to Suit GN Elbow and Safety Valve	1½" to 1' arrangement shown on outline elevations and half plan of engine and 3" to 1' details of components	5.10.27	1927	Y65	F7	PL-C	605	2
25228	Standard Fire Door	Full size elevations and plan 1' 1¼" door Endorsed: 3 engines B12 and D15 Class to be fitted for trial; for cast iron seating on B12 & D15 class boilers see Dg No 25389 26.1.25 Copy of Darlington Dg No 12029-C	28.1.25	1925	-	B12 D15	BP-L	492	2
25235	Drain Pipe for Westinghouse Pump Exhaust	3" to 1' arrangement of pipe and full size details of connections Endorsed: altered 12.3.25	- .11.24	1924	-	-	PL-C	471	2
25236	Proposed Drain Pipe for Westinghouse Pump Exhaust	3" to 1' arrangement showing pipe mounted on smokebox and full size details of elbow	3.12.24	1924	-	-	BP	576	2
25236 Att	Six Coupled Tank Engines Type N7-Drain Pipe for Westinghouse Pump Exhaust	1" to 1' arrangement and full size details of drain pipe and tee piece	28.3.28	1928	-	N7	PL	576	2
25237	Vestibule Wind Guard	3" to 1' elevations and plan of wind guard and full size details of fittings Copy of Doncaster Dg No 2382N	29.7.15	1915	-	-	BP-L	471	1
25262	Brass Finger Lift for Corridor Sliding Doors and Frameless Droplights	Full size elevations and plan of component Copy of Doncaster Dg No 3388.N 8.3.21	22.7.24	1924	-	-	BP-L	606	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25264	Sketch Showing Lengthened Stand Pipe for Westinghouse Brake Train Pipe at Trailing End of G4 (S44) Type Engines Fitted with Steam Heating	3" to 1' elevation showing stand pipe	11.6.25	1925	S44	G4	BP-L	474	2
25273	Corridor Toilet Notice	Full size details of ivory tablet with black letters size 2½" by 21/8" Copy of Dg No 4139N	8.1.22	1922	-	-	BP-L	471	1
25289	Standard Main Steam Trap	Full size sections and elevation of trap Copy of Doncaster Dg No 4659 10.1.24	5.2.24	1924	-	-	BP-L	571	1
25297	4-6-0 Express Engines Type B12 (GE Class S69)-Valve Box Details	Full size details of 9 components Copy of Lentz Patents Ltd Dg No SV 123	23.2.26	1926	S69	B12	BP	488	3
25300	Standard Position of Hose Pipes	1½" to 1' elevations showing position of pipes on ordinary carriages, horse boxes, carriage trucks and vestibule stock of outline of headstock Copy of Doncaster Dg No 4692 28.1.24	12.12.24	1924	-	-	BP	560	3
25307	Six Wheels Coupled Goods Engines D81 Class-Cylinders to Suit Lentz Valve Box	3" to 1' sections, elevations and plan of cylinders Endorsed: see also S69 class cylinders Dg No 17223	27.2.25	1925	D81	J20	PL-C	556	2
25312-1	Alteration to Injector Overflow Pipes	1½" to 1' outline elevations showing present and altered positions of pipes	16.2.25	1925	-	-	PL-C	590	1
25314	Steel Casting Connecting Smokebox Tubeplate to Cylinders for Six Wheeled	3" to 1' elevations and plan of casting Endorsed: altered 10.1.25	20.12.24	1924	D81	J20	PL-C	499	2
25334	Standard Brake Block Pin and Washer	Full size elevations and plan of cast iron components for locomotives except classes B12, J17 and Y6 Copy of Darlington Dg No Y11019D Endorsed: altered 12.8.37	17.11.31	1931	-	-	PL	465	1
25336	51 Ft 0 Ins Steel Underframe (Non Vestibule)	1½" to 1' side elevation and plan of steel underframe 35' bogie centres Copy of Darlington Dg No 12183	16.12.24	1924	-	-	BP	493	2
25337	Hand Brake-Details of Brakework for 51Ft 0 Ins Steel Underframe	3" to 1' details of numerous components including those for Vacuum brake	16.12.24	1924	-	-	BP	560	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	51Ft 0Ins Steel Underframe	Endorsed: GA Dg No 12183D Copy of Darlington Dg No 12301							
25341	Arrangement of Rocking Shafts and Brackets for Lentz Valve Gear Six Wheels Coupled Coal Engines GE Section D81 Class	3" to 1' elevations and plan of arrangement	- . 12.24	1924	D81	J20	PL-C	489	2
25342	Six Wheels Coupled Coal Engines GE Section D81-Motion Details for Lentz Valve Gear	Full size elevations and plans of components Endorsed: altered 25.4.25 & 11.3.25	- .1.25	1925	D81	J20	PL-C	484	3
25345	Alteration to Wheel Rims Engines N7 Type to Suit New Standard Tyre Section	Full size section of leading and trailing wheel tyres and driving wheels Copy of Darlington Dg No 1461-C	20.12.24	1924	-	N7	BP	488	2
25357	51Ft 0Ins Steel Underframe Dg No 12183D- Detail of Draw Bar Front Plate	Full size elevation, section and plan of cast iron component Copy of Darlington Dg No 12272D	-	-	-	-	BP-L	461	2
25360	Details of Ironwork for 51' 0" Underframe General Arrangement Dg No 12183D	3" to 1' elevations and plans of components Endorsed: altered 16.1.25 Copy of Darlington Dg No 12290D	30.12.24	1924	-	-	BP	542	4
25364	Six Wheels Coupled Engines Classes J66, J67, J69 and F7-8¾" Diameter Steam Brake Cylinder	Full size elevation, section and plan of cylinder Endorsed: altered 12.10.31 and 1.2.34; for T18 7½" cylinder see Dg No 9534	- .8.27	1927	-	-	PL	584	1
25389	Engines Types B12, D15-Cast Iron Seating for G.C. Standard Fire Hole	6" to 1' elevations, section and plan of seating Endorsed: 3 engines of each class to be fitted for trial; for GC standard fire hole door see Dg No 25228	27.1.25	1925	-	B12 D15	PL-C	482	2
25390	Six Wheels Coupled Tank Engines Classes J66, J67-Alteration to Details of Steam Brake	6" to 1' details of 3 components	28.1.25	1925	-	J66 J67	PL-C	592	2
25391	Six Wheels Coupled Goods Engines Class D81-Alteration to Smokebox to Suit Lentz Vale Gear	3" to 1' sectional elevations of smokebox and plan of valve cover	9.3.25	1925	D81	J20	PL-C	593	2
25396	Vestibule Connection Arranged to Couple with British Standard or Pullman Type	3" to 1' elevations, section and plan of vestibule and 6" to 1'details of components with schedule	22.1.25	1925	-	-	BP	600	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Darlington Dg No 11292.D							
25397	Grip Lever	6" to 1' elevations and full size section of lever for corridor connection Copy of Darlington Dg No 11028A-D	22.1.25	1925	-	-	BP-L	500	2
25404	Six Wheels Coupled Coal Engine D81 Class GE Section-Leading Splasher for Engine Fitted with Lentz Valve Gear	3" to 1' elevations and plan of splasher	9.2.25	1925	D81	J20	PL-C	534	1
25407	Coal Guards for Tenders	1" to 1' outline elevation of tender showing arrangement of guards and 3" to 1' details of construction for S23 and H14 tenders Endorsed: for coal guard for R43 class tenders see Dg No 25876	28.4.25	1925	H14 S23	-	PL-C	485	3
25413	Standard Carriages-Arrangement and Details of Carrying Saddles and Emergency Coupling on Headstock	3" to 1' elevation of headstock with fittings and details of 7 components Endorsed: altered 22.11.38 Copy of Darlington Dg No 12296D 1.9.32	- .9.36	1936	-	-	BP	591	1
25439	Six Wheels Coupled Tank Engines Class N7 Class-Firebox Backplate Showing Flanged Firehole	1½" to 1' section of backplate, outline elevation and full size section of riveting detail Endorsed: this drawing only to be worked to for engine on 1925 programme built at Gorton by GC Section and those built by contractors Copy of Gorton Dg No Part Copy 14773C	20.3.25	1925	-	N7	PL-C	524	2
25452	Six Wheels Coupled Coal Engines D81 Class-Arrangement and Details of Alterations to Leading Sand and Lubricating Gear for Engines with Lentz Valve Gear	1½" to 1' arrangement of gear on front end of engine and full size details of components	27.3.25	1925	D81	J20	PL-C	591	2
25474	Six Wheels Coupled Radial Tank Engines Type N7-'Holdfast' Big End Cotter	Full size elevations showing cotter in place Endorsed: three engines to be fitted for trial	16.4.25	1925	-	N7	PL-C	597	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25478	Six Wheels Coupled Goods Engines Type J16- 'Holdfast' Big End Cotter	Full size elevations of cotter Endorsed: 3 engine to be fitted for trial	16.4.25	1925	-	J16	PL-C	605	1
25479	Position in Cab of Engine Classification, etc.	3" to 1' outline elevations of 4 types of cab showing position of date and place of last general overhaul for former GER classes	- .4.25	1925	-	-	PL	480	2
25480	Position of Writing on Tank Engines, Classification of Loco, Date and Place of last General Overhaul to be Painted on Cab Side Sheet on Right Hand Side (Inside)	3" to 1' outline side elevation of upper parts of 4 cabs; F3, 4 and 5; F6; F7 and N7	11.5.25	1925	-	F3 F4 F5 F6 F7 N7	PL	544	2
25481	Position of Writing on Tank Engines, Classification of Loco, Date and Place of Last General Overhaul to be Painted on Cab Side Sheet on Right Hand Side (Inside)	3" to 1' sketches of 4 position for GE classes and N18 CVR engine	11.5.25	1925	-	-	PL	594	1
25484	Four Wheels Coupled Bogie Express Engines Type D15-"Holdfast" Big End Cotters	Full size elevations showing position of cotter on big end Endorsed: 3 engines to be fitted for trial	9.4.25	1925	-	D15	PL-C	533	1
25492	Arrangement of Handbrake and Alteration to T19 Frame (with Bogie) for Boiler Trolley	1½" to 1' outline elevations and plan of frame showing details of brakework Endorsed: altered 13.11.25	25.6.25	1925	-	-	PL-C	521	3
25492 Att	Arrangement and Details for Drawgear for Boiler Trolley	1½" to 1' sectional elevation and plan of drawgear and 6" to ' detail of bracket Endorsed: altered 14.1.26	15.9.25	1925	-	-	PL-C	521	2
25493	Six Wheels Coupled Bogie Express Engines Type B12-Alteration to Trailing Axlebox	6" to 1' elevations and section of axlebox Endorsed: 5 engines to be fitted for trial; superseded by endorsement: all engines to be fitted 18.12.25	11.5.25	1925	-	B12	PL	532	2
					T19	D13			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25495	Engines Classes T19, T26, C32-Crank Axle	3" to 1' elevations of axle	22.4.25	1925	T26 C32	E4 F3	PL-C	465	
25504	Wire Trimmings for Connecting and Coupling Rods-Alterations and New Covers to Suit Existing Rods	Full size sections and plan of 3 components Endorsed: numerous alterations to 8.30	11.5.25	1925	-	-	PL-C	506	2
25505	Express Engines Classes H88 and D56-Crank Axle	3" to 1' elevations of crank axle	11.5.25	1925	D56 H88	D15 D16	PL-C	521	2
25507	Boiler for Saddle Tank Engines Barrel 10Ft 6Ins by 4Ft 5Ins Diameter Casing 5Ft 6Ins by 4Ft 0 1/2Ins	1" to 1' elevation, section and plan of boiler Endorsed: altered 29.10.25 Copy of Doncaster Dg No 189N dated 6.08	28.4.25	1925	-	-	P	497	4
25511	Engine and Tender Standard Lamp Irons (Malleable C.I.)	Full size elevations and plans of 4 types of lamp iron for use on tender and tank engines with schedule	4.6.25	1925	-	-	PL	559	2
25514	Six Wheels Coupled Bogie Express Engines S69 Class-Arrangement of 'Diamond' Soot Blower	1½" to 1' outline section and elevation of boiler showing arrangement of apparatus and full size details of inlet to firebox Endorsed: one S69 class and one D81 with G.C. type firehole door to be fitted for trial	15.5.25	1925	S69 D81	B12 J20	PL-C	582	2
25516	Six Wheels Coupled Goods Engines Type J15 (Y14)-Arrangement and Details of 'Parry' Tube Cleaning Blower	1½" to 1' arrangement shown on sectional view of cab and boiler and full size details of components	15.5.25	1925	Y14	J15	PT-C	541	3
25518	Draw Gear for Close Coupled Carriages with Steel Underframes	3" and 6" to 1' details of 11 components with schedule of quantities Copy of Doncaster Dg No 2933N	6.2.19	1919	-	-	BP-L	495	3
25529	Six Wheels Coupled Tank Engines Classes T18 (J66), R24 (J67), C72 (J68), S56 (J69)-Driving Axlebox and Keep for New Crank Axles	Full size sections of components Endorsed: altered 24.1.28 and 6.5.57	19.6.25	1925	T18 R24 C72 S56	J66 J67 J68 J69	PL-C	553	2
	Position in Cab of Engine Classification, etc.	2" to 1' outline of 4 types of cab sheeting				F9			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25535	Tank Engines-Classification of Loco Date and Place of Last General Overhaul to be Painted on Cab Side Sheet on Right Hand	3" to 1' Outline of 4 types of cab sheeting showing position of lettering for classes Z4, Y5, F9, J64	21.5.25	1925	-	J64 Y5 Z4	PL	581	
25544	Six Wheels Coupled Tank Engines N7 Class and All Classes of New engines and Renewals-Screw Coupling	Full size elevation and plan of screw coupling and components Endorsed: superseded by Dg No 26008	11.5.25	1925	-	N7	PL-C	464	1
25546	Four Wheels Coupled Tank Engines Class O18 (160 Lbs B.P.)-Crank Axle	3" to 1' elevations of axle Endorsed: superseded by Dg No 26791	3.7.25	1925	O18	F4 F5	PL-C	583	1
25549	Four Wheels Coupled Tank Engines G69 Class and O18 (180 Lbs BP)-Crank Axle	3" to 1' elevations of crank axle Endorsed: superseded by Dg No 26896	13.7.25	1925	G69 O18	F6 -	PL-C	606	1
Ren 25554	Engines Type B12, D15, D16/2, D16/3, D13, J19/2, J20, N7, J17-Arrangement of Smokebox Door	3" to 1' elevations and sections of 4' 7" diameter smokebox doors, one for J20, J19/2 & J17 and the other for the remaining classes Endorsed: for smokebox door details see Dg No 25796	- .12.43	1943	-	B12 D15 D16 J19 J20 N7	BP-L	495	1
25568	Trailing Spring Brackets and Hand Brake Details for Boiler Trolley	3" to 1' details of various components Endorsed: altered for boiler trolley to Dg No 35412 8.43; for arrangement see Dg No 25492	25.6.25	1925	-	-	PL-C	568	3
25574	Sketch Showing Arrangement of Safety Valves for Testing Purposes Only	3" to 1' elevation and section of valve Endorsed: for wrought iron and steel details see Dg No 25861	1.1.26	1926	-	-	PL-C	580	1
25575	Engines Class 1500-Connecting Rod Big End Strap and Oil Box	Full size sectional elevation and plan of assembly Endorsed: for complete rod see Dg No 25692; altered 21.12.25, 8.2.26, 6.4.27 and 8.33	29.5.25	1925	S69	B12	PL-C	600	2
Att 25580	Position of Registration Number Plate of GE Boilers	Four full size diagrams showing position of plate on various classes of engine Endorsed: altered 8.12.32	9.7.25	1925	-	-	PL-C	546	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25580	Registration Number Plate etc.	Full size elevation and section of brass plate 3 5/8" diameter to record firebox stays in accordance with Dg No 24974 Endorsed: superseded by Dg No 26462 3.2.27 Copy of Darlington Dg No 10949D	6.8.24	1924	-	-	BP-L	581	1
25581	Additional Balance Weights for E4 Type Engine No 7483	3" to 1' elevation and section of 16 spoke driving wheel showing balance weights	7.10.25	1925	-	E4	PL-C	600	2
25588	Side Friction Block and Body Stop and Bottom Friction Block for Twin Bogie 8'6" Wheel Base and Heavy Type Only 8'0" Wheel Base	3" and 6" to 1' elevations, plans and sections of 9 components Copy of Doncaster Dg No 4521.N and 4521/1.N 6.25	30.6.52	1952	-	-	BP	599	2
25595	Steel Springs for Standard Engine Brake Blocks	Full size details two types of spring and schedule of engine classes applicable, all of GER origin Endorsed: altered 29.12.25	- .7.25	1925	-	-	PL-C	466	2
25595	Four Wheels Coupled Engines Types E4 & F3, G4, GE Classes T26, C32, S44-Coupling Rod with Wire-Trimmed Oil-Box	Full size elevation and plan of coupling rod Endorsed: numerous alterations to 25.10.48	19.6.25	1925	T26 C32 S44	E4 F3 G4	PL-C	489	2
25597	Six Wheels Coupled Coal Engines Types J16 & J17 GE Classes F48, G58-Built Up Crank	3" to 1' elevations of axle	- .7.25	1925	F48 G58	J16 J17	PL-C	592	4
25610	Cam Shaft for Lentz Valve Gear Engine 8280-Valve Box	Full size elevation of a cam shaft Lentz Patents Ltd, London Dg No SV18	18.8.26	1926	-	J17	BP-L	474	2
25637	Six Wheels Coupled Goods Engines Types J16, J17, J18 and J19 GE Classes F48, G57, E72 and T77-Coupling Rod with Wire Trimmed Oil Box	Full size elevations and plan of coupling rods 8'10" centres showing arrangement of oil box	30.7.25	1925	F48 G57 E72 T77	J16 J17 J18 J19	P	520	1
25637 Att	Coupling Rod Bushes Engs. J19/2	Full size elevations and plan of bushes for leading and trailing and separate for driving	7.2.46	1946	-	J19/2	P	520	1
	Boilers for Engines Class S69 & D56-Cast	6" to 1' elevations, sections and plan of seating			D56	D15			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25647	Iron Seating for Safety Valves for Testing Purposes	Endorsed: this seating to be used for testing purposes only, 1 to this	25.7.25	1925	S69	B12	PL-C	474	
25669	Whistle Stand for Saddle Tank Engines New Classification J52, Old Classification J13	Full size elevations of stand Part copy of Doncaster Dg No W-50	12.8.25	1925	-	J52	BP	493	2
25669	Rubber Ferrule for WC Lavatory Pan	Full size elevation and plan of ferrule	27.7.25	1925	-	-	PL-C	536	1
25674	Underframe Members for 51'0" Underframe-General Arrangement Dg No 12376D	1½" to 1' elevations and plans of components Copy of Darlington Dg No 12397D	14.4.27	1927	-	-	BP	584	2
25675	Six Wheels Coupled Tank Engines Types J65, J66, J67, J68 & J69 GE Classes E22, T18, R24, C75, S56-Coupling Rod with Wire Trimmed Oil Box	Full size elevation and plan of coupling rod Endorsed: several alterations to 25.10.48	26.8.25	1925	E22 T18 R24 C75 S56	J65 J66 J67 J68 J69	PL-C	474	4
25686	Arrangement of Dual Brake on 52Ft 0Ins Underframe Non Vestibule	1½" to 1' part side elevation, sections and plan showing position of brakes Copy of Darlington Dg No 124..	5.8.25	1925	-	-	BP	510	3
25690	Extended Smokebox D16 Type Express Engines and D56 with 5'0" Diameter Boiler and H88	1½" to 1' elevations of smokebox	17.8.25	1925	H88	D16	PL-C	479	2
25692 Att 1	Six Wheels Coupled Coal Engines E72 Class Type J18 and J19-Big End Brasses	Full size elevation and plan of brass	- .7.12	1912	E72	J18 J19	P	578	1
25692	Six Wheels Coupled Bogie Express Engines GE Class S69 Type B12 GE Classes E72, T77, D81 and Coal Engines Types J18, J19 and J20-Connecting Rod	Full size part elevations, plan and section of rod 7'3" centred and 1½" to 1' elevation of complete assembly Endorsed: for big end brasses for L72 coal engines see Dg No 25692 Att; for big end brasses for engine with built up crank axles see Dg No 25692 Att No 6 12.3.38; superseded, see Dg No 39003 12.54; numerous alterations to 23.4.41	6.1.26	1926	S69 E72 T77 D81	B12 J18 J19 J20	PT-C	595	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25692 Att 1	Six Wheels Coupled Coal Engines E72 Class-Big End Brasses	Full size elevation and plan of brass Endorsed: altered 6.4.25 My comment: this was originally Attachment No 1 to Dg No 17212	6.7.12	1912	E72	J18	PT-C	595	2
25692 Att 4	Connecting Rod Oil Box Studs-Engines Types B12, J18-J20; D15 and D16	Twice full size section of stud with directions for fitting	- .9.35	1935	-	B12 J18 J19 J20 D15 D16	BP-L	595	1
25692 Att 5	Connecting Rod Oil Box Engines Types B12, J18-J20; D15 and D16	Full size section and plan of oil box Endorsed: superseded, see Dg No 39003 12.54					BP-L	595	2
25692 Att 6	Engines Type B12, J20-Big End Brasses	Full size elevation, section and plan of brass Endorsed: altered 9.3.43; this drawing supersedes Attachment Nos 2 and 3 and Dg No 25692 Part	14.3.38	1938	-	B12 J20	BP-L	595	2
25694	Details of Dual Brakes on 51t 0Ins Underframe Non Vestibule	1½" and 3" to 1' details of 15 components Copy of Darlington Dg No 12450.D	25.9.25	1925	-	-	BP-L	575	2
25695	51Ft 0Ins Steel Underframe (Non Vestibule)	1½" to 1' elevations, plan and sections of underframe with schedule of drawing numbers of the component parts of the underframe Copy of Darlington Dg No 12376D	25.9.25	1925	-	-	BP	529	1
25713	Six Wheels Coupled Tank Engines Class E22, Type J65-Arrangement of Vacuum Brake Pipes	1½" to 1' arrangement shown on outline elevations and half plan of engine and 3" to 1' details of clips	- .9.31	1931	E22	J65	PL-C	549	1
25718	Arrangement and Details of Automatic Drain Valve for Steam Chest S44 Class Tan Engines (G4)	1 ½" to 1' arrangement and sections showing position of valve and full size details of 3 components	- .10.25	1925	S44	G4	PL-C	461	2
25721	Four Wheels Coupled Express Engines Type D13 GE Class T19-Connecting Rod Big End Brasses with Felt Oiling Strips	Full size elevation, section and plan of brass Endorsed: altered 1.9.32 and 25.5.34; for other dimensions see Dg No 7236	25.9.25	1925	T19	D13	PL-C	584	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25726 Att	Four Wheels Coupled Radial Tank Engines Class F6-7 ½" Diar. Flat Seating Cast Iron	Full size elevations and plan of base	18.10.27	1927	-	F6 F7	PL-C	501	1
25727	Six Wheels Coupled Bogie Express Engines Type B12-Coupling Rods and Crank pins	Full size elevations and plans of components Endorsed: numerous alterations to 25.10.48	- .12.25	1925	-	B12	PL-C	556	3
25727 Att	4-6-0 Express Engines Type B12-Driving Coupling Rod Bush with Felt Oiling Strips	Full size elevations of bush Endorsed: altered 1.7.27 and 1.9.32	13.4.27	1927	-	B12	PL-C	556	2
25734	Engines Types D13 (T19 Class) and G4 (S44 Class)-Arrangement and Details of Bogie	3" to 1' elevation and plan of arrangement for the two classes and 6" to 1'details of 4	- .10.25	1925	T19 S44	D13 G4	PL-C	486	1
25739	Standard Arrangement of Buck Eye Buffing Drawgear for 60'0" Steel Carriage Underframe	3" to 1' elevation, section and plan of gear Copy of Darlington Dg No 12506D 22.10.25	11.11.25	1925	-	-	BP	587	1
25748	Details Required for One Carriage Bogie 8 Ft 0 Ins Wheelbase, 10 Ins x 5 Ins Journals	Four page schedule including cover listing 138 components Copy of Doncaster Dg No 4887-N	4.5.27	1927	-	-	PL	489	2
25758	Engines Class F4 (GE Class P55)-Alteration to Injector Overflow Pipes	3" to 1' elevations and plan of left hand side pipe	- .10.25	1925	P55	F4	PL	508	2
25760	Engines Class D15, D16 (GE Classes D56, H88)-Angle Stay for Leading Sand Pipes	1½" to 1' arrangement showing position on engine and 3" to 1' details of stay and clip Endorsed: undated alteration for B12 class; altered 20.9.26	- .10.25	1925	D56 H88	D15 D16	PL-C	535	2
25768	Engines Classes T18 (160 Lbs Pressure) Y14-Cast Iron Base for 2 ½" Ross Safety Valves	Full size elevation and plan of base	01/01/2026	1926	T18 Y14	J66 J15	PL-C	533	2
25777	2½" Ross Patent Muffled Pop Safety Valve	6" to 1' section and elevation of valve, working pressure 170 lbs per sq in Part copy of Doncaster Dg No W251-N	20.10.25	1925	-	-	BP	584	2
25791	Alteration to T18 Class Cylinders to Suit Crane Engine No 204 Class	3" to 1' sections showing arrangement	- .11.25	1925	-	J92	PL-C	477	2
25793	Four Wheels Coupled Bogie Express Engines Class S46, Engines 1890 to 1900 Only and Six Wheels Coupled Coal Engines Class F48 Type J16 & J17-Connecting Rod	Full size elevations, plan and details of rod 7' 7 ½" centres Endorsed: alterations to 22.12.48	- .2.26	1926	S46 F48	D14 J16 J17	PL-C	494	2
25793	Six Wheels Coupled Goods Engines Class	Full size elevation and plan of brass							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	F48-Alteration to White Metal in Connecting Rod Big End Brasses for Engines with Built Up Crank Axles	Endorsed: altered 16.4.14, 25.2.26 & 10.3.43 Note: formerly Dg No 10491Att	27.6.13	1913	F48	J16	PT-C	494	
25796	Smokebox Door Detail Class S69 Type B12 D56, D81, B72, F48 (Belpaire), H88, T19 (Belpaire), L77	3" to 1' and full size details of components Endorsed: altered 5.6.44	- .11.25	1925	S69 D56 D81 C72 F48 H88 T19 L77	B12 D15 J20 J68 J16 D16 D13 N7	P	471	1
25798	Arrangement and Detail of Hinged Flap for Step Board on 20 Ton Goods Brake Vans	1½" to 1' elevation and plan of flap and 3" to 1' details of construction 4 per van Copy of Darlington Sketch No 1137D 27.10.25	18.11.25	1925	-	-	BP-L	590	1
25800	Six Wheels Coupled Express Engines Class S69-Blast Pipe for Engines Fitted with Worthington Simpson Loco Feed Water Heater and Pump	6" to 1' elevations, section and plan of blast pipe	18.11.25	1925	S69	B12	PL-C	511	2
25801	Six Wheels Coupled Bogie Express Engine Type B12 (GE Class S69)-Support Brackets for Engines Fitted with Worthington-Simpson Feed Water Heater and Pump LM1410	3" to 1' elevations and plan of bracket and full size details showing fitting	7.12.25	1925	S69	B12	PL-C	490	2
25802	Six Wheels Coupled Bogie Express Engines Class S69 (Type B12)-Pipe Flange and Union Details for Engines Fitted with Worthington-	3" and 6" to 1' and full size details of components Endorsed: altered 22.11.27	17.12.25	1925	S69	B12	PL-C	487	2
25803	Six Wheels Coupled Bogie Express Engines S69 Class (Type B12)-Arrangement of Worthington-Simpson Feed Water Heater and Pump	1½" to 1' arrangement shown on outline elevations and half plan of engine	6.1.26	1926	S69	B12	PL-C	565	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25804	Express Engines Type B12 Fitted with Worthington-Simpson Pump-Hand Rail, Hand Rail Pillars and Supports and Pipe Clips	3" to 1' arrangement of components and 6" to 1' and full size details of fittings Endorsed: for arrangement of Worthington-Simpson feed water heater and pump on engine see Dg No 25803	6.1.26	1926	-	B12	PL-C	572	1
25809	Body Ironwork Details for General Van NC 16	3" and 6" to 1' details of numerous components for iron and steel components Endorsed: altered 14.3.29	5.2.26	1926	-	-	PL-C	586	2
25810	Underframe for 32 Ft General Van	1 ½" to 1' elevations, plan and section of 31' 10 ½" 4 wheel steel frame	17.3.26	1926	-	-	PL-C	464	1
25811	Underframe Details for General Van NC16, NC19	1½" and 3" to 1' details of numerous components	18.6.26	1926	-	-	PL	588	2
25816	Standard Outlet Fitting for Wash Bowl	Full size details of 5 components	5.6.36	1936	-	-	BP-L	478	1
25819	Development of Half of Copper Wrapper Plate for 4 Ft 5 Ins Boiler with 5 Ft 6 Ins x 4 Ft 0 ½ Ins Firebox for Boilers	3" to 1' plan of plate showing position of rivets Endorsed: Built at Stratford BO691 & 692 referred to Dg No 473 Copy of Doncaster Dg No 483-N	18.11.25	1925	-	-	BP	462	2
25856	Fire Door for Superheated Engines	Full size elevations and plan of cast fire door 1' 7 ¾" diameter door Copy of Gorton Dg No 12029C	28.9.42	1942	-	O4	BP-L	499	1
25861	Boilers for Engines Class S69, D56 & S56 (Types B12, D15 & J Tank 69-Details for Safety Valves for Testing Purposes LM 1446	Full size details of 5 components Endorsed: for arrangement of safety valves for testing purposes see Dg No 25574	- .1.26	1926	D56	D15	PL-C	571	2
25868	Arrangement of Riveting Throat Plate to Wrapper Plate for 4'5" Diameter Boilers built in Stratford	3" to 1' arrangement of throat plate and 6" to 1' details of riveting Copy of Doncaster Dg 485N 8.1.26	11.6.25	1925	-	J52	BP	585	1
25869	Standard Smokebox for D15 Type Express Engines D56	1 ½" to 1' sectional side elevation and end elevation of smokebox showing details of extension	14.8.25	1925	D56	D15	PL-C	464	2
25876	Coal Guard Plate for Tenders B12 Class	1½" to 1' elevations of top of tender showing position and fixing of plate	26.1.26	1926	B12	-	PL-C	560	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25870	Coal Guard Plate for Tenders R43 Class	Endorsed: for coal guards for other tenders see Dg No 25407	20.1.26	1926	R43		PL-C	500	
25890	Cylinders with Lentz Valves-Six Coupled Bogie Express Engines Class 1500	3" to 1' sectional elevations and plans of cylinder Endorsed: see also Dg No 25891; for alteration to cylinders see Attachment 11.27; altered 21.12.27 Copy of Lentz Patents Ltd London Dg No SV95A Sheet 1	29.1.26	1926	-	B12	PL	477	3
25890 Att	Modification to Cylinder Casting 1500 Class	3" to 1' sections and elevation of casting Endorsed: altered 1.28	- .10.27	1927	-	B12	PL-C	477	2
25891	Cylinders with Lentz Valves Six Coupled Bogie Express Engines 1500 Class	3" to 1' elevations, sections and plan of cylinders Endorsed: altered 22.12.27; see also Dg No 25890 Copy of Lentz Patents Ltd, London Dg No SV95B, Sheet 2	29.1.26	1926	-	B12	PL	565	2
25892	General Arrangement of Lentz Poppet Valve Gear for 4-6-0 Express Passenger Locomotive 1500 (S69 Class)	3" to 1' elevation and half plan of valve gear and cylinder Copy of Lentz Patents Ltd, London Dg No SV96 9.11.25	12.8.26	1926	S69	B12	PL	546	2
25893	General Arrangement of Lentz Poppet Valve Gear for 4-6-0 Express Passenger Locomotives (1500) S69 Class Engines	3" to 1' sectional front elevation of engine Copy of Lentz Patents Ltd Dg SV 97 26.11.25	17.2.26	1926	S69	B12	PL	586	1
25894	Arrangement Showing Modifications to Rocking Shaft to Suit Lentz Valve Gear for 4-6-0 Express Passenger Locomotive	3" to 1' sectional end elevation showing shaft Endorsed: for arrangement of rocking shaft see Dg No 26448 Copy of Lentz Patents Ltd SV 98	24.11.25	1925	-	B12	PL	496	1
25899	Alteration and Additions to Bogie Axlebox Protection Plate Express Engines Types B12 (GE Class S69) D14, D15, D16 (GE Classes S46, D56, H88) and D13 (GE Class T19)	6" to 1' elevations and plan showing assembly Endorsed: altered 8.6.26 for T19 class	- .6.26	1926	S69 S46 D56 H88	B12 D14 D15 D16	PL-C	513	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25903	Drawbar Plates for Engines and Tenders Fitted with New Standard Draw Hook and New Standard Buffers to Dg Nos 26000E and 26002E Respectively	Elevations and plans of three plates with written fitting instructions Endorsed: altered 18.1.28 and 19.6.33	18.2.26	1926	-	-	PL-C	537	3
25906	Arrangement and Details for Portable Table Holder	6" to 1' elevations and plan of floor rest and 1½" to 1' elevation and pan showing stored position of table at end of corridor, full size details of India rubber and teak buttons Copy of Dg No 12599D	5.2.26	1926	-	-	BP-L	468	1
25926	Six Wheels Coupled Tank Engines Types J66 (T18), J67 (R24), J68 (G75), J69 (S56): Four Wheels Coupled Tank Engines Type F7 (Y65)-Connecting Rod with Wire Trimmed Oil Box	Full size elevations and plan of rod Endorsed: numerous alterations to 22.12.48	9.3.26	1926	T18 R24 G75 S56 Y65	J66 J67 J68 J69 F7	PL-C	580	3
25926 Att 1	Six Wheels Coupled Tank Engines Class T18- Alteration to White Metal in Connecting	Full size elevation and plan of brass Endorsed: altered 29.1.24 and 10.3.43	- .6.13	1913	T18	J66	PT-C	580	2
25928	4-6-0 Express Engines Type B12 (GE Class S69) Valve Box Details	Full size sections and elevations of Lentz Valve gear components Copy of Lentz Patent Ltd Dg No SV124	26.1.26	1926	S69	B12	PL-C	465	3
25929	4-6-0 Express Engines Type B12 (GE Class S69)-Valve Box Details	Full size details of 5 components Endorsed: see also Dg Nos 25927, 25928 and 25930 Copy of Lentz Patents Ltd Dg No SV125	23.2.26	1926	S69	B12	BP	491	2
25930	4-6-0 Express Engine Type B12 (GE Class S69) Valve Box Details	Full size details of 27 components for Lentz Valve Gear Endorsed: see also Dg Nos 25927, 25928 and 25929 Copy of Lentz Patents Ltd Dg No SV127	24.2.26	1926	S69	B12	BP	549	3
25935	52Ft 0Ins Steel Underframe 7Ft 8Ins Over Solebars B.S. Vestibule Dual Brakes	1½" to 1' elevations, plans and sections of steel underframe showing arrangement brakegear and accumulator boxes	23.4.36	1936	-	-	BP-L	503	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Darlington Dg No 11964D							
25953	Proposed Modifications to Retaining Ring Tyre Fastenings	Full size sections of tyres for NE, GE Section & NB Section Copy of Darlington Dg No 11071-91D	18.2.26	1926	-	-	P	466	2
25960	Arrangement of Accumulator Box for Three Cells	3" to 1' elevations and plan of box with details of interior fittings Copy of Darlington Dg No 12659	25.2.26	1926	-	-	PL	588	2
25967	One Horse Low Lorry-Bearing Springs	3" to 1' elevations, plan and section of front and hind springs 3'3" and 3'7" diameter of 5 and 8 plates	25.5.26	1926	-	-	PL	473	2
25977	Brake Gear Details 12 Tons Wagon (Steel Underframe) with Vacuum and Hand Brake	3" to 1' elevations and plans of 23 components Copy of Doncaster Dg No 4075	13.11.22	1922	-	-	BP-L	497	2
25988	Engines Type F9 (8312 & 8313)-Leading and Trailing Springs	3" to 1' elevation, section and plan of leading spring 11 plates, and trailing spring 9 plates	8.3.26	1926	-	F9	PL-C	580	1
26010	Group Standard Locomotive Headlamp with 3 Glasses-New Engines and Renewals NE, GE and Scottish Section Engines	Full size elevations, sections and plan of headlamp and interior to be painted white Endorsed: for future headlamps see Dg No 32708 24.10.35 Copy of Darlington Dg No 11688.D 12.5.27	29.6.27	1927	-	-	PL	603	2
26016	Standard Hand Lamp	Full size elevations, sections and plan of hand lamp with red and green glasses Endorsed: cancelled, replaced by Dg No 15852.C and 26020.E Copy of Gorton Dg No 5534.C My note: original title was Standard Gauge Lamp	23.1.28	1928	-	-	P-C	598	2
26367	Gauge for Testing Standard Armstrong Oilers for Carriages	Full size details of gauge and table of journal sizes Copy of Darlington Dg No 12689D	1.4.26	1926	-	-	PL	578	2
26370	Binding Chains on Wagons-Details of Drop Forged Link with Web	Full size elevation and plan of link with company initials	1.4.26	1926	-	-	PL	573	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Forged Link with web	Copy of Darlington Dg No 12690D							
26371	0-6-2 Radial Tank Engines Type N7-Details of Foot Steps and Handrails on Bunker	Full size elevation and plan of components Endorsed: one bunker to be made and fitted to an existing N7 type engine; for alteration to position of bunker foot steps see Dg No 26471; for position of foot steps and handrail see Dg No 26471 and 26374	8.7.26	1926	-	N7	PL	581	3
26397	Plate Glass for Ventilator with Sliding Shutters	Full size plan and elevation of glass Copy of Doncaster Dg No 5015N 29.3.26	18.5.26	1926	-	-	BP-C	583	2
26429	Position and Detail of Destination Board Sockets on 9'0" Standard Stock-Vestibule and Non Vestibule	Full size details of sockets and section showing position with instructions on fitting Copy of Darlington Dg No 12713D	18.5.26	1926	-	-	PL	589	2
26445	Six Wheels Coupled Express Engines Type B12 (S69 Class) Without Exhaust Injector-Alteration to Leading Sand Boxes and Footplating to Suit Lentz Valve Gear	1½" to 1' elevations, plan and section of sand box	18.6.26	1926	S69	B12	PL-C	544	2
26448	4-6-0 Express Engine S69 (1500) Class B12 Type-Arrangement and Details of Rocking Shaft, Levers, Rods, etc. for Lentz Valve Gear	3" to 1' arrangement and 6" to 1' details of components	18.6.26	1926	S69	B12	PL-C	576	2
26474	Arrangement of Accumulator Box for 12 Cells	3" to 1' elevations, section and plan of accumulator box 7'10 ¼" over length Copy of Darlington Dg No 12494D 28.7.26	31.5.46	1946	-	-	BP	569	1
26478	Four Wheels Coupled Bogie Tank Engines Type G4 (S44 Class)-Automatic Drain Valve for Steam Chest	Full elevations, section and plan of brass valve	25.8.26	1926	S44	G4	PL-C	550	2
26494	Six Wheels Coupled Bogie Express Engines S69 Class-Arrangement and Details of Mechanical Lubrication for Lentz Valve Gear	1½" to 1' arrangement shown on footplate of engine and full size details of brackets and supports	15.10.26	1926	-	B12	PL-C	575	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
26516	Six Wheels Coupled Coal Engines Type J20 (D81 Class)-Coupling Rod with Wire Trimmed Oil Boxes	Full size details of coupling rod Endorsed: altered 6.4.27 and 5.3.41; for bushes with white metal pockets see Attachment to this drawing	10.11.26	1926	D81	J20	PL-C	579	3
26516 Att	Coupling Rod Bushes Engines Type J20	Full size elevations and plans for two types of bronze bushes	7.2.46	1946	-	J20	BP	579	1
26528	Six Wheels Coupled Goods Engines Type J15 (Y14 Class)-Arrangement and Details of Diamond Soot Blower Type E	1 ½" to 1' arrangement shown on outline of cab and boiler and full size details of components	- .9.26	1926	-	J15	PL-C	543	2
26529	Frame 0-6-2 Tank Engines Type N7 (1926)	1½" to 1' elevations and plan of frame Copy of Gorton Dg No 15102C 8.4.26	11.4.56	1956	-	N7	BP	582	2
26532	Six Wheels Coupled Goods Engines Class D81 with Lentz Valve Gear (Eng No 8280)- Cast Iron Steam Pipe Connection	Full size elevations and plan of connection	6.9.26	1926	D81	J20	PL-C	575	2
26534	Standard Gangway Faceplate with Single Grip Lever and Adaptor as Fitted to Pullman Cars	3" to 1' elevations and plan of faceplate and 6" to 1' details of components Endorsed: grip lever and details altered 11.4.27; altered 31.12.39 and 4.3.38	14.4.27	1927	-	-	PL	550	2
26549 Ren	Six Wheels Coupled Goods Engines Types J17, J18, J19-Position of Proposed Mud Plugs	1½" to 1' elevations, section and plan of firebox showing position of plugs	- .2.34	1934	-	J17 J18 J19	PL	577	1
26551	Tank Engines Type N7-Built Up Crank Axle	3" to 1' elevations of axle	- .9.26	1926	-	N7	P	566	1
26568 Att	0-6-2 Tank Engines Type N7-Hand Rail on Back of Bunker	1½" to 1' outline elevations of bunker showing hand rail	4.3.29	1929	-	N7	PL-C	575	2
26584	I.R. Spring No 230	Full size elevation and section of India rubber spring 6 5/8" diameter Copy of Doncaster Dg No 4239N	17.3.23	1923	-	-	BP	539	1
		Full size details of 20 components for Lentz valve engines							3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
26585	4-6-0 Express Engines Type B12 (S69 Class) Valve Box Details	Endorsed: for alteration to shaft see Attachment; altered 4.11.27 for engine No 8516 Copy of Lentz Patents Co Dg No SV126	15.10.26	1926	S69	B12	BP	550	
26585 Att	Alteration to Cam Shaft for Lentz Valves for Engine No 8516	Full size elevations of cam shaft	8.11.27	1927	-	B12	PL-C	550	2
26589	Four Wheels Coupled Engines Class T26 (TypeE4) Built Up Crank Axle	3" to 1' elevations of axle with instructions on manufacture	-11.26	1926	-	E4	PL-C	540	2
26589	Four Wheels Coupled Engines Class T26 (TypeE4) Built Up Crank Axle	3" to 1' elevations of axle with instructions on manufacture	-11.26	1926	-	E4	PL-C	540	2
26608	Four Wheels Coupled Mixed Traffic Engines Type E4 (Class T26)-Weights for Balancing Driving Wheels on Wheel Balancing Machine at Doncaster	6" to 1' elevations of 1' 7" and 1' 0 7/16" weights and 6" to 1' elevations of weight 2' 1 7/8" diameter	30.12.26	1926	-	E4	PL-C	545	2
26608 Att	2-4-0 Engines Type E4-Weights for Balancing Test at Doncaster-Alteration	3" to 1' elevations of weights	13.5.27	1927	-	E4	PL	545	1
26612	Six Wheels Coupled Crane Engines C, D and E-Cab Roof Weather Plate	1½" to 1' elevations and plan of plate shown in relation of outline of crane	24.1.27	1927	-	J92	PL-C	575	2
26667	Radial Truck Check Spring Arrangement Type N7 (1926)	Full size elevations and plan of arrangement Copy of Gorton Dg No 15174C	23.6.26	1926	-	N7	P	576	1
26685	Proposed Alteration to Reservoir Footplate S69 Class	3" to 1' elevations and plan of footplate showing alteration Endorsed: position of bolts necessary when cast steel bracket is used see Dg No 32162	12.1.27	1927	S69	B12	PL-C	597	2
26791	Four Wheels Coupled Tank Engines Type F4 O18-Crank Axle	3" to 1' elevations of axle	1.6.27	1927	O18	F4	PL-C	548	2
26845	Standard Oil Lamp and Ring for Horse Boxes, etc	Full size elevations, sections and plan of drop in oil lamp Endorsed: for details of fittings see Dg No 12724D; lamp to be painted black except where surfaces are stated to be polished Copy of Darlington Dg No 12723D	28.3.27	1927	-	-	BP-L	573	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
26909	Return Crank Fitted to Driving Coupling Rod Pin D81 Class Coal Engine	Full size elevations of crank Endorsed: one to this My note: possibly engine No 8285	31.5.27	1927	D81	J20	PL-C	579	3
26912	Six Wheels Coupled Tank Engines Type J65-Crank Axle	3" to 1' elevations of axle Endorsed: axle to be used for replacements only in existing wheels	31.5.27	1927	-	J65	PL-c	559	1
26921	Lubricating Pad for 12 Ton Standard Wagon Axlebox	Full size elevations, half section and plan of pad Copy of Darlington Dg No 12841.D	2.5.27	1927	-	-	BP-L	575	1
26925	Standard Bolts and Pins for Brakegear for Carriage Bogies Dg Nos 1367N, 1776N, 3378N, 4844N	Details with schedule of 9 components and key diagram showing their position Endorsed: altered 10.1.28 Copy of Doncaster Dg No 5705N	11.11.27	1927	-	-	BP-L	575	3
26932	Four Wheeled Carriage Bogie 8' Wheelbase Pressed Steel Frame	3" to 1' elevations, section and plan of bogie 13' 3" solebar Copy of Doncaster Dg No 1776N	14.2.34	1934	-	-	BP-L	543	2
26939	Arrangement of Return Crank and Lentz Gearbox for Trial Purposes-D81 Class Coal Engine	3" and 6" to 1' elevations and plans of various components and sub assemblies Endorsed: one set to this	- .5.27	1927	D81	J20	PL-C	540	2
26939 Att	Arrangement of Flexible Coupling for Lentz Gear Box fitted for Trial Purposes D81 Class	Full size elevations and section of coupling and components	30.6.27	1927	D81	J20	PL-C	540	1
26948	Engines type B12-Proposed Oil Jet Steam Pipe Connection and Cylinder Barrel	Full size details of components	3.6.27	1927	-	B12	PL-C	581	2
27002	Express Engines Class T19-D13-Cylinders	3" to 1' elevations, sections and plans of cylinders Endorsed: for alterations to suit E4 and F3 engines see Attachments to this drawing; altered 9.35	- .4.33	1933	T19	D13	BP-L	500	2
27002 Att 1	Engines Class T26 E4-Part Arrangement of Cylinders	3" to 1' sectional elevation, elevation and part plan My comment: drawing formerly Dg No 8041	12.11.19	1919	T26	E4	BP-L	500	1
27002	Four Wheels Coupled Engines T26-E4 Class	3" to 1' details of modified flange			T26	E4			1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att 2	and Four Wheels Coupled Tank Engines C32-F3 Class-Alteration to Steam Pipe Flange on	My comment: drawing formerly an attachment to Dg No 8041	12.7.19	1919	C32	F3	BP-L	500	
27003	Arrangement of Westinghouse Brake Fittings in Cab K2 Class Engines	1½" to 1' elevations of cab showing fittings and full size details of components Copy of Doncaster Dg No YB-861N 20.6.27	25.6.27	1927	-	K2	PB	532	2
27005	Handrail and Lagging 2-6-0 Type Engine	1" to 1' elevations of boiler and cab showing lagging and fittings and full size details of components Endorsed: altered 24.6.27 Copy of Doncaster Dg No YL445N	20.6.27	1927	-	-	BP	540	2
27007	A.C.F.I. System of Feed Water Heater on B12 Type Engine-Clack Box Spring	Full size section of clack box showing position of spring	13.7.27	1927	-	B12	PL-C	497	3
27008	ACFI System of Feed Water Heater on B12 Type Engines-Blast Pipe	6" to 1' sections, elevation and plan of blast pipe with dimensions in millimetres and inches	5.7.27	1927	-	B12	PL-C	593	2
27009	ACFI System of Feedwater Heater Bolts, Studs etc.	Unscaled list of bolts and studs	29.6.27	1927	-	-	PL	566	4
27010	ACFI System of Feed Water Heater on B12 Type Engine-Joints	1/5 and ½" to 1' elevations of 17 joints with schedule and description	11.8.27	1927	-	B12	PL	600	3
27011	ACFI System of Feed Water Heater-Flanges	Scale ½ and 2/5 details of 15 flanges, dimensions in millimetres	8.7.27	1927	-	B12	PL-C	479	4
27020	ACFI System of Feed Water Heater on B12 Type Engines (Draining Gear)-Wrought Iron Details	Full size elevations of 5 components Endorsed: for other wrought iron and steel details see Dg No 27021	8.7.27	1927	-	B12	PL-C	483	2
27021	ACFI System of Feed Water Heater on B12 Type Engine-Details of Draining Gear	1/5 and full size details of components	14.7.27	1927	-	B12	PL	541	2
27022	ACFI System of Feed Water Heater on B12 Type Engine-Particulars of Pipes and Accessories	Schedule of components	- .7.27	1927	-	B12	PL	492	4
27024	ACFI System of Feed Water Heater on B12 Type Engine-Seatings (for Pump)	Full size sections and plan of cast iron seating	7.7.27	1927	-	-	PL-C	480	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27025	Locomotives Type B12-Application des Appareils d'Alimentation a tres haute temperature System ACFI Type RM	1 to 20 outline elevations and plan of B12 type engine showing arrangement of gear Copy of Dg No 9195 by L'Auxillaire des Chemins de fer et de L'Industrie 1.6.27 My comment: title translated is Arrangement of High Temperature Boiler Feed Gear	1.10.27	1927	-	B12	BP	534	2
27026	ACFI System of Feed Water Heater on B12 Type Engines-Pump Support	1 to 5 arrangement of support on part elevation and plan of engine and full size details of components Endorsed: altered 4.10.30 and 6.34	25.7.27	1927	-	B12	PL-C	522	4
27029	Heater Support for ACFI Feed Water on B12 Type Engine	1 to 5 scale details of support and full size details of components My note: half of drawing missing	-	1927	-	B12	PL-C	478	4
27032	ACFI System of Feed Water Heater on B12 Type Engine-Drainage Trough 1 per Engine	6" to 1' sectional elevations and plan Endorsed: altered 4.10.30	13.7.27	1927	-	B12	PL	473	2
27035	ACFI System of Feed Water Heater on B12 Type Engine-Arrangement of Draining Gear	1 to 10 scale part outline side elevation and half plan of engine showing arrangement of gear My note: dimensioned in millimetres	-7.27	1927	-	B12	PL-I	468	3
27036	ACFI System of Feed Water Heater on B12 Type Engines-Arrangement of Suction Reservoir	1/5 elevations and plan of reservoir My comment: dimensioned in millimetres	11.8.27	1927	-	B12	PL	606	2
27041	Felt Oiling Strips Fitted to Coupling Rod Bushes	Full size elevations and sections showing position of felt strip	5.7.27	1927	-	-	PL-C	590	1
27083	Details of Pressed Steel Members for 8'6" Wheelbase Bogies Dg No 3378N	3" to 1' elevations, plans and sections of 9 components with schedule Copy of Doncaster Dg No 5787N 6.5.27	15.6.27	1927	-	-	BP-L	580	1
27084	Details of Pressed Steel Members for 8Ft Ins Wheelbase Bogies Dg No 3378N	1½" and 3" to 1' elevations and plan of 17 components with schedule Endorsed: altered 10.7.35 Copy of Doncaster Dg No 5788N dated 31.5.27	31.5.27	1927	-	-	BP-L	482	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27085	Details of Pressed Steel Members for 8 Ft 6 Ins Wheelbase Bogies Dg No 1367N	3" to 1' elevations, plans and sections of 10 components with descriptive schedule Copy of Doncaster Dg No 5789N	11.5.27	1927	-	-	BP-L	461	1
27086	Details of Pressed Steel Members for 8' 6" Wheelbase Bogies to Dg No 1367N	1½" and 3" to 1' details of 19 components Copy of Doncaster Dg No 5790N 15.12.48	15.12.48	1948	-	-	BP	548	2
27087	Brake Block Hanger Brackets for 8' 6" Wheelbase Bogies Dg Nos 1367.N and	Full size details of 3 components Copy of Doncaster Dg No 5791.N	21.5.27	1927	-	-	BP	556	2
27154	Arrangement of Wine and Spirit Rack in Cupboard of Pantry Quintuple Dining Train	3" to 1' elevation, section and plan of rack Copy of Doncaster Dg No 5638N	14.10.26	1926	-	-	BP-L	500	1
27155	Six Wheels Coupled Goods Engines Type J15-Crank Axle	3" to 1' elevation of crank axle for replacements only in existing wheels	28.9.27	1927	-	J15	PL-C	568	1
27166	Engines Class E4-Crank Axle	3" to 1' elevations of axle	- .9.27	1927	-	E4	PL	533	1
27172	Six Wheels Coupled Goods Engines Types J18 and J19-Crank Axle	3" to 1' elevations of axle for replacements only in existing wheels	8.11.27	1927	-	J18 J19	PL-C	583	2
Part 27172	Steel Crank Axles	3" to 1' elevations of axle My note: Stores ordering drawing	30.9.27	1927	-	J18 J19	P	583	1
27176	Spark Arrestor for Sentinel Shunting Engine	6" to 1' sectional elevation and half plan of arrestor	1.10.27	1927	-	-	PL-C	579	1
27178	J69 Class Engines for Southern Scottish Area- Arrangement of Combination Ejector Pipes and Alteration to Reversing Gear and Position of Drivers Westinghouse Brake Valve LM403	1½" to 1' elevations and plan of arrangement and 3" to 1' details of brackets Endorsed: see also Dg No 18052 for arrangement of reversing lever and sector and alteration to bunker	20.10.27	1927	-	J69	PL-C	472	1
27273	4-6-0 Express Engines ... Valve Box Details- Valve Cage xxxx	This is a fragment of a plan found, no further details	-	1927					
27334	32Ft 0In Brake Vans NC24 & 25-Details of Brakework	3" and 6" to 1' details of numerous components	18.2.28	1928	-	-	PL	583	2
27342	Arrangement of Underframe for 32Ft Brake Vans	1½" to 1' elevations, plan and sectional end elevation of steel underframe length 31' 10 ½" and 19'0" wheelbase	4.2.28	1928	-	-	PL	527	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: for body arrangement see Darlington Dg No 12800D							
27343	Details of Underframe for 32Ft Brake Vans NC24 & 25	1½" and 3" to 1' details of numerous components	4.2.28	1928	-	LNE 120	PL	524	2
27347	Drivers Footstep on RH Side of Cab for J20 Class Engines	3" to 1' elevation and plan of foot step and full size details of fittings Endorsed: 2 engines to be fitted for trial; altered 14.4.31 for future foot steps see Attachment to Dg No 32303 12.34;	2.11.27	1927	-	J20	PL-C	496	2
27358	4-6-0 Express Engine No 8511 Fitted with 'Lentz' Valve Gear-Alteration to Cam Space Cover	Full size sectional elevations of cover Endorsed: see attachment for phosphor bronze bush for inner bearing of cam shafts; for alteration to cams space vent pipe ass No 2 Attachment	- .10.27	1927	-	B12	PL	475	2
27358 Att	4-6-0 Express Engine No 8511 Fitted with 'Lentz' Valve Gear-Phosphor Bronze Bush	Full size section of inner bearing	- .10.27	1927	-	B12	PL	475	1
27358 Att 2	4-6-0 Express Engine No 8511 Fitted with 'Lentz' Valve Gear-Alteration to Cam Space	Full size part section of cover and details of pipe	- .4.29	1929	-	B12	PL	475	1
27364	Tank Engines Type N7 Built by Messrs. Beardmore-Alteration to Vacuum Ejector Carrier and Detroit Lubricator Carrier	1½" to 1' arrangement inside cab and 6" to 1' details of carriers	2.11.27	1927	-	N7	PL-C	477	3
27365	Four Wheels Coupled Express Engines Type D15-Coupling Rod and Crank Pin	Full size elevation and plan of coupling rod and elevation of crank pin with details of cover and nipple Endorsed: several alterations to 11.54	- .10.27	1927	-	D15	PL-C	484	2
27373	4-6-0 Express Engines Class 1500-Valve Box Details	Full size elevations, sections and plan of 4 components Copy of Lentz Patents Dg No SV234	28.1.28	1928	-	B12	PL-C	518	3
27374	4-6-0 Engines Class 1500-Valve Box Details	Full size elevations and sections of components Copy of Lentz Patent Dg No SV236	29.11.27	1927	-	B12	PL-C	515	2
27375	4-6-0 Engines Class 1500 Fitted with Lentz Valve-Outside Covers	Full size elevation and section of valve covers	29.11.27	1927	-	B12	PL-C	529	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Valve-Outside Covers	Copy of Lentz Patents Ltd Dg No SV235							
27376	Valve Box Details 4-6-0 Engines Class 1500	Full size elevations, sections and plans of 9 components Copy of Lentz Patents Ltd Dg No SV233	2.12.27	1927	-	B12	PL-C	487	2
27377	4-6-0 Express Engines Class D15-Valve Box Details for Engines Fitted with Lentz Valves	Full size details of numerous components with schedule of parts Copy of Lentz Patent Ltd Dg No SV232	18.2.28	1928	-	D15	PL	534	3
27378	Arrangement and Details of Filling Hole for Water Tanks	Full size half elevation, section and half plan of filling hole and details of 9 components for carriages Copy of Darlington Dg No 13068	2.12.27	1927	-	-	BP-C	539	1
27382	4-6-0 Express Engines Class 1500 Type B12-Valve Box Details	Full size elevations and plans of 20 components Copy of Lentz Patents Ltd Dg No SV237	7.1.28	1928	-	B12	PL-C	529	3
27386	Sections of 32' 0" Four Wheeled passenger Brake Van for Pigeon Traffic-General Arrangement No 12800D	1½" to 1' longitudinal section of body and cross sections showing interior details and fittings Copy of Darlington Dg No 13041D	2.12.27	1927	-	-	BP	529	1
27404	Ironwork Details of Underframe for 32Ft Brake Van	3" to 1' details of numerous components but not frame members	4.2.28	1928	-	-	PL	555	3
27408	Four Wheels Coupled Shunting Tank Engines Class B74 Type Y4-Coupling Rod	Full size elevation and plan of rod 6' centres Endorsed: altered 8.33 Endorsed: this drawing supersedes Dg No 18521	17.12.27	1927	B74	Y4	PL-C	501	3
27417	Plan of Temple Mills Showing Alteration to Roads to Facilitate Wagon Repairs	1" to 66' plan of southern part of yard and whole of wagon works showing proposed alterations to track layout and buildings Copy of Dg SDO 7915	16.12.27	1927	-	-	PL-C	596	1
27417 Att	Amended Layout of Roads Temple Mills for Attachment to Dg No 27417	1" to 66' part plan of entrance to yard including shed for Sentinel shunting engine	-	-	-	-	P-C	596	1
27424	Combination Steam Brake Valve and Details Modified to give Direct Exhaust to Atmosphere at A	Full size details of numerous components Endorsed: altered 2.11.32	18.1.28	1928	-	-	P	474	1
27438	Drin Valve for Steam Brake Cylinder	Full size section, elevation and plan of valve	2.28	1928	-	-	PL	554	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Ren	Drip Valve for Steam Brake Cylinder	and twice full size details	1.2.28	1928			PL	504	
27492	General Arrangement and Details of Proposed Wheel Hoist for Buckton Wagon Wheel Lathe, Temple Mills	1½" to 1' side and end elevation of lathe and 3" and 6" to 1' details of hoist components Copy of Dg No SDO7906	7.28	1928			PL-C	544	2
27587	4-6-0 Engines Type B12-Tender Axles	3" to 1' elevation of axle	2.4.28	1928		B12	P	509	1
27587-1	4-6-0 Engines Type B12-Tender Axles	3" to 1' elevation of axle My comment: a stores ordering drawing	18.1.28	1928		B12	P	509	1
27603	Adaptor for Testing Crosby Indicators	Full size section, elevation and plan of adaptor	1.1.23	1923			PL-C	481	1
27607	General Arrangement of 30 Tons Hydraulic Jack with 12 Inches Lift	6" to 1' elevations and plan of jack Endorsed: for details see Dg No 27608 or Dg No SDO 7941 My comment: subsidiary Dg No SDO 7935	29.2.28	1928			PL-C	537	2
27624	4-6-0 Engines Type B12-Arrangement of Pipes for Straight Air Application Valve and Alteration to Westinghouse and Vacuum Brake Pipe to Suit	3" to 1' arrangement shown in relation to engine and 6" to 1' and full size details of components	2.28	1928		B12	PL-C	509	2
27647	Four Wheels Coupled Express Engines Type D15 (D56 Class)-Steam Pipe Joints with Lentular Shaped Rings	3" to 1' elevations of steam pipes and full size sections of joints Endorsed: altered 23.10.28	5.6.28	1928	D56	D15	PL-C	517	3
27660	4-6-0 Engines B12-Nos 8571 to 8580-Trailing Hornblock, Horn Stay and Wedge	6" to 1' elevations, sections and plans of components Endorsed: altered 22.11.34	27.4.28	1928		B12	BP-L	504	2
27662	4-6-0 Engines Type B12-Intermediate Wheel	3" to 1' elevation and section of 20 spoke cast steel wheel 6'6" diameter on tread and full size section of tyre Endorsed: altered 15.8.33 & 16.3.39	15.3.28	1928		B12	BP-L	471	1
27663	4-6-0 Engines Type B12-Trailing Wheel	3" to 1' elevation and section of 20 spoke wheel 6'6" on tread in cast steel and full size section of tyre and fitting Endorsed: altered 15.8.33 and 16.3.39	23.3.28	1928		B12	BP-L	574	1
27666	Details for Ashcroft Locomotive Cut-Off	Full size details of 6 components with	22.2.28	1928		B12	BP-C	512	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27668	Control Gauge B12 and D15 Class Engines	schedule	22.3.28	1928	-	D15	PL-C	513	
27670	0-6-0 Engines Types J19-2, J20 and 4-6-0 Type B12-Slide Bars	3" to 1' and full size elevations and plan of slide bars Endorsed: altered 2.9.40 27.5.41; this supersedes Dg No 17246; for alteration to front end fastening see Dg No 35408 11.9.44	22.3.28	1928	-	J19-2 J20 B12		467	
27673	4-6-0 Engines Type B12-Boiler	1½" to 1' elevations and sections of boiler and 6" to 1' details of riveting	28.3.28	1928	-	B12	BP-L	528	1
27674	4-6-0 Engines Type B12-Cast Iron Base for Three Inch Ross Pop Safety Valve	Full size elevation, section and plan of base	21.6.34	1934	-	B12	BP-L	512	1
27675	4-6-0 Engines Type B12 (Engines 8571 to 8580) Smokebox Arrangement	3" to 1' sectional side and front elevations of smokebox and tubeplate Endorsed; altered for blower valve connection see Dg No 34584 25.3.42	18.11.31	1931	-	B12	PL-C	473	1
27676	4-6-0 Engines Type B12, J20-Chimney and Hood	6" to 1' sectional elevations and plan of arrangement in relation to smokebox	6.29	1929	-	B12 J20	PL-C	487	2
27690	4-6-0 Engines Type B12-Back Cylinder Cover	Full size elevations and section of cover Endorsed: for cast iron packing see Dg No 25047; for alteration to cover fastening at front end and slide bars see Dg No 35402 11.9.44	31.3.28	1928	-	B12	PL-C	564	3
27703	4-6-0 Engines Type B12-Piston and Rod	Full size sectional elevation and elevation of piton Endorsed: alterations to 29.6.51; superseded see Dg No 38112 9.53	2.4.28	1928	-	B12	BP-L	515	2
27720	Arrangement of Pipes for Straight Air Brake Application Valve and Double Check Valve with Alteration to Westinghouse and Vacuum Brake Pipes to Suit	1 ½" to 1' arrangement on part outline of engine and tender and 3" to 1' and full size details	- .4.28	1928	-	-	PL-C	466	3
27720 Att	Arrangement of Pipes and Position of Double Check Valve for Tenders Classes H14	1 ½" to 1' elevation and plan of arrangement and 3" to 1' details two pipe	- .11.28	1928	H14 Y17	-	PL-C	466	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27725	Arrangement and Details of Proposed 10 Tons Spreader Beam for Temple Mills	1½" to 1' elevation of beam with 3" and 6" to 1' details of components Endorsed: all labour and materials to be booked to LM9814 9.28; see Dg ST15260 Supplementary Dg No SDO 8028E	- .8.28	1928	-	-	PL-C	511	
27725 Att	10 Ton Lifting Beam in Lifting Shop Temple Mills-Details of Adjusting Link	Full size elevations of link Supplementary Dg No ST15261	19.12.56	1956	-	-	P	511	2
27725 Att	10 Ton Lifting Beam in Lifting Shop Temple Mills-Details of Chains	1' to 1' elevation of complete chain and hook and 6" to 1' elevations of three sizes of link Supplementary Dg No ST15260	11.12.56	1956	-	-	P	511	2
27725 Att	(Untitled)	6" to 1' elevations of attachments at each end of the spreader beams Endorsed: see Dg No ST15261					PL-C	511	2
27740	4-6-0 Engines Type B12 Nos 8571 to 8580- Arrangement and Details of Trailing Sand Box Gear	3" to 1' elevations and plan showing arrangement of gear and 6" to 1' and full size details of components	5.2.30	1930	-	B12	PL-C	513	1
27741	4-4-0 Engines Types D15 & D16 Classes, D56 and H88-Arrangement of Pipes for Straight Air Brake Application Valve and Double Check Valve with Alteration of Westinghouse and Vacuum Brake Pipes to	1½" to 1' arrangement on outline part elevations and plan of engine and 3" to 1' and full size details of components Endorsed: altered 19.11.34	7.5.28	1928	-	D15 D16	PL-C	506	3
27750 Part	Engs. Type B12, B12/3-Sketch Showing Proposed Alteration to Vacuum Train Pipe	1½" to 1' elevations and plan of area below trailing footstep	- .8.46	1946	-	B12 B12/3	BP-L	502	1
27761	4-6-0 Engines Type B12-Driving Wheel	3" to 1' elevation and sectional elevation of 20 spoke wheel 6'6" diameter on tread and full size section of tyre and rim Endorsed: altered 15.8.33 & 16.3.39	15.3.28	1928	-	B12	BP-L	477	1
27772 Ren	Sketch Showing Alterations to Facings and Holes on Reservoir Footplate	Unscaled sketch for footplating for engines type B12	- .4.28	1928	-	B12	BP-L	536	2
27788	Tenders Type B12-Hand Brake Screw and Bracket	Full size elevations and plan of assembly	- .5.28	1928	-	B12	PL	519	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27794	14 Ton Glass Lined Milk Tank-Arrangement of Underframe	1½" to 1' general arrangement of 4 wheel underframe 18' 0" with 10' 6" wheelbase	10.9.28	1928	-	-	PL	485	2
27796	14 Ton Milk Tank Underframe Details	1½" and 3" to 1' details of 16 components Endorsed: for general arrangement see Dg No 27794; 5 components removed from drawing undated	22.8.28	1928	-	-	PL	527	3
27797	14 Ton Glass Lined Milk Tank-Ironwork Details	3" to 1' details numerous components	22.8.28	1928	-	-	PL	602	2
27798	14 Ton Glass Lined Tank for the Conveyance of Milk-Bearing Spring	3" to 1' elevation, section and plan of 7 plate spring 3'6" when straight	17.7.28	1928	-	-	PL	467	3
27803	Arrangement of Vacuum Brake Pipes and Pipes for straight Air Application Valve Double Check Valve Tank Engines Class C32 (F3)	1½" to 1' arrangement shown on elevations and half plan of engine and 3" to 1' details of clips and brackets	- .5.28	1928	C32	F3	PL-C	528	4
27808	Cross Section of New Wagon Lifting Shop Temple Mills	½" to 1' section of 2 road lifting shop with 10 ton Morris overhead travelling crane, span 39'6" and details of girders and adjoining machinery in side extension Endorsed: SDO Dg No 8066	- .8.28	1928	-	-	PL-C	467	2
27863	Sketch of Safety Pin for Top Delivery Air Valve Capnut on 8"/8½" Westinghouse Pumps	Full size elevation of pin and chain and a diagrammatic plan of air valve showing its position Copy of Darlington Dg No 2511/7 4	6.3.28	1928	-	-	BP-L	552	1
27890	Proposed Lifting Tackle for Wagon Bodies and Frames	¾" to 1' arrangement of spreader shown diagrammatic open wagon being lifted and 3" to 1' and full size details of components Supplementary Dg No SDO 8275	24.6.29	1929	-	-	PL-C	542	2
27936	2-4-2 Tank Engines F5 and F6-Arrangement of pipes for Straight Air Brake Application	1½" to 1' elevations and plan of pipework and connections and 3" to 1' and full size	29.10.28	1928	-	F5 F6	PL-C	553	3
27945	14 Ton Milk Tank-Brakework Details	3" to 1'; details of 10 components	22.8.28	1928	-	-	PL	522	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
27949	0-6-0 Tank Engines Type J69 (Classes R24 Rebuilt and S56)-Arrangement of Pipes for Straight Air Brake Application Valve and Double Check Valve	1½" to 1' arrangement shown on elevations and plan of back end of footplate and 3" to 1' and full size details of components	29.10.28	1928	-	J69	PL-C	538	2
27952	Engines-Alteration in Position of Cotter in Brake Cross Stay	Full size elevations of lower part of brake hanger and stay Copy of Doncaster Dg No YB-926N	17.7.28	1928	-	-	BP	498	3
27967	Sketch Showing Stoking Shutes and Boiler Baffle Plates	Full size sectional elevations of shute and baffles for locomotive Copy of Sentinel Waggon Works Dg No SB1943 2.8.28	31.8.28	1928	-	14600-614C	BP	546	3
27977	Arrangement of Luggage Doors in Brake Compartment	3" to 1' interior and exterior elevations and sections of double doors Endorsed: altered 24.9.34 Copy of Darlington Dg No 12795D 14.8.28	22.8.28	1928	-	-	BP-L	568	1
27992	4-4-0 Engines Type D15 (with Large Footplate Reservoir)-Alterations to Position of Drain Cock in Footplate Reservoir	3" to 1' inverted plan of reservoir	- .10.28	1928	-	-	PL	471	1
28040	Proportional Steam Brake Application Valve	Full size elevations, plan and sections of valve and components Endorsed: for body of valve adapted to fit vacuum ejector see Attachment	11.10.28	1928	-	-	PL-C	496	2
28040 Att	Proportional Steam Brake Application Valve-Body Casting and Handle for Valve Adapted	Full size elevations and section of valve and details of handle	26.11.28	1928	-	-	PL-C	496	2
28062	Tank Engines Types J66, 68 & 69-Alteration to Pipes for W.H. Pump to Suit No 6 Governor	1½" to 1' elevation of assembly and full size elevation and plan of elbow	23.10.28	1928	-	J66 J68 J69	PL-C	504	2
28080	Engines Type B12, J18 & J20-Two Part Valve Bushing for Piston Valves with Narrow Rings	Full size elevations and section with development of steam ports Endorsed: altered 4.5.31; to supersede Dg No 32420	4.1.29	1929	-	B12 J18	PL	518	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
						J20			
28088	Automatic Carriage Coupler (Cast Steel)	Full size elevations, plans and sections of coupler Copy of Doncaster Dg No 6367N	13.8.27	927	-	-	BP-L	473	1
28088	Automatic Carriage Coupler-Cast Steel (LNER Specification 13)	Full size elevations, sections and plans of coupler Copy of Doncaster Dg No 8524N 4.8.31	4.8.31	1931	-	-	BP-L	530	1
28091	Six Coupled Bogie Express Engines Class B12- Lentz Valve Gear-Sketch Showing Alteration to Position of Cam Shaft Rocking Lever to Back End of Lever Fork to Adjustable Slide Rod	6" to 1' sketch plans of Lentz gear as fitted to class B12 engines	14.11.28	1928	-	B12	PL	533	4
28158	Reservoir Footplate Casting B12 Type-Bushing for Drawbar Pin Hole	3" to 1' sectional elevation	- .12.36	1936	-	B12	PI	485	3
28169	List of Articles for Pullman Vestibule and Buck Eye Coupler with I.R. Buffing and Draw	Schedule of 75 articles Copy of Darlington Dg No 13214D	11.5.29	1929	-	-	BP-L	510	1
28173	Standard Arrangement of Buck Eye Buffing and Drawgear for 60Ft 0Ins Steel Carriage Underframe	3" to 1' elevations, sections and plan of gear Copy of Darlington Dg No 12506.D 11.4.28	16.4.28	1928	-	-	BP-L	602	2
28178	Details for Automatic Coupler and Vestibule	3" and 6" to 1' and full size details of 30 components Copy of Darlington Dg No 11813D	21.6.28	1928	-	-	BP	578	2
28181	60Ft 0Ins Steel Underframe	1½" to 1' elevations, plans and sections of underframe 60' over headstocks with schedule of drawing of components Copy of Darlington Dg No 12155.D 7.3.29	19.4.29	1929	-	-	BP-L	598	1
28182	Plan of Knees and Plates for 60Ft Underframe	3" to 1' details of 23 components Endorsed: general Dg No 12115.D Copy of Darlington Dg No 12118.D	11.3.29	1929	-	-	BP-L	554	2
	Underframe Details for 60 Ft 0 Ins	1½" and 3" to 1' details of numerous components							1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28185	Underframe Details for 60 Ft 0 Ins Underframe	Copy of Darlington Dg No 12298D; for general arrangement see Dg No 12115D	11.4.29	1929	-	-	BP-L	475	
28186	Underframe Members for 60Ft 0Ins Underframe	1½" and 3" to 1' elevations and plans of components Endorsed: general arrangement Dg No 12115D Copy of Darlington Dg No 12306D	11.3.29	1929	-	-	BP-L	498	1
28212	Carriage Buffer for Steel Underframe for 60Ft 0Ins Vestibule Stock	6" to 1' side and end elevation of side buffer and 6" to 1' details of components, cotters and stud Copy of Darlington Dg No 13211	1.5.45	1945	-	-	BP	536	3
28230	Details of Pressed Steel Members for 8Ft 0In Wheelbase Bogie 10Ins by 5Ins Journals	1½" and 3" to 1' details of 23 components for bogie Copy of Doncaster Dg No 6410N	28.12.3.		-	-	BP	502	2
28231	Details for 8 Ft 0 Ins Wheelbase Bogie 10 Ins x 5 Ins Journals, 6 Ft 6 Ins Crs.	3" to 1' and full size details of 12 components Copy of Doncaster Dg No 6411N	28.12.29	1929	-	-	BP-L	491	2
28232	8Ft 0Ins Wheelbase (Heavy) Bogie 10Ins by 5Ins Journals 6Ft 6Ins Centres to Carry 18 ½ Tons on Pivot	3" to 1' elevations, sections and plan of carriage bogie Endorsed: altered 2.10.50 Copy of Doncaster Dg No 6405N revised to 5.11.33	12.8.34	1934	-	-	BP-L	512	2
28233	Details Required for One Carriage Bogie 8' 0" Wheelbase 10" x 5" Journals	Schedule of 4 pages listing 127 components Endorsed: for arrangement of bogie see Dg No 6405N Copy of Doncaster Dg No 6408N revised 6.4.44	6.4.44	1944	-	-	BP	526	1
28234	Alteration to Existing 8 Ft 0 Ins Wheelbase (Heavy Type) Bogie (Dg No 4844N) by Fitting Crossbars ½ In Thick in Place of 3/8 In Thick and Extending Centres of Swing Bars from 2	1½" to 1' elevations and sections of assembly and 3" to 1' details of 5 new components Copy of Doncaster Dg No 6486N	7.12.28	1928	-	-	BP-L	482	2
28245	Alteration to Tender Brake Gear to Accommodate Standard Brake Block	1 ½" to 1' part side elevation showing position of blocks and 3" to 1' details of cross beams and hangers	15.11.29	1929	-	-	PL-C	473	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28252	Shed Barrow (Small)	3" to 1' elevations and plan of two wheeled barrow length 3'6"	19.4.29	1929	-	-	PL	571	1
28254	ACFI Feed Water Heater on B12 Type Engine No 8517-Arrangement Shewing Alteration to Pipes	1 to 20 arrangement shown on outline side and end elevations of engine	22.5.29	1929	-	B12	PL-C	521	2
28265	Arrangement and Details of 'Ashcroft' Cut Off ControlGauge B17 Type	1½" to 1' arrangement shown on outline elevation and plan of front part of engine and full size details of fittings	1.5.29	1929	-	B17	PL-C	524	3
28269	Alteration to Position of Vacuum Ejector on Engines Type B17-New Details Required	Full size details of 3 components	18.12.29	1929	-	B17	PL	579	2
28275	Engines Types D14, D15, D16-Arrangement of Numbering on Cab Sides	1½" to 1' outline elevation of D16 cab and D14 & D15 cab showing position of running numbers and number plate with brass cab	11.4.29	1929	-	D14 D15 D16	PL	530	1
28279	Shed Barrow (Medium)	3" to 1' elevations and plan of two wheeled barrow length 3' 10 ½" Endorsed: altered 15.5.29	19.4.29	1929	-	-	PL	571	1
28287	Six Wheels Coupled Radial Tank Engines Class K85-Chimney	6" to 1' elevation, section and plan of chimney	18.12.20	1920	K85	N7	PL-C	475	2
28289	2-4-2 Radial Tank Engines Type F5-Arrangement and Details of Westinghouse Trip Cock Gear	1½" to 1' arrangement on gear shown on front part of engine frame and full size details of components at trailing end Endorsed: superseded by Dg No 36297 2.47	- .3.29	1929	-	F5	PL-C	486	2
28297	Method of Lubricating Centre Bearing between Engine and Tender	3" to 1' sectional elevation and plan of bearing with full size details of lubrication for types J16, J17, J18, J19 and J20	9.7.29	1929	-	J16 J17 J18 J19 J20	PL-C	521	1
28375	0-6-2 Tank Engines Type N7 (K89)-Valve Bushing for Piston Valves with Narrow Rings	Full size elevations of valves and development of bushing Endorsed: to supersede Dg No 22819	4.1.29	1929	K89	N7	PL	526	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28381	Arrangement and Details of Gear for Driving 'Flaman' Speed Recorder Engine No 8550 B12 Type	1½" to 1' arrangement of gear shown on part outline of cab and 3" to 1' details of brackets and supports	13.12.28	1928	-	B12	PL-C	518	2
28409	Four Wheels Coupled Express Engines Type D14 (Class S46) Crank Axle	3" to 1' elevations of axle	4.3.29	1929	S46	D14	PL-C	479	1
28412	Proposed New Carriage Accumulator Charging Shop ant North End of Carriage Lifting Shop	¼" to 1' elevations and plan of building 141'3" by 20'0" wide Endorsed: for roof principals see Dg No 28475 SDO Dg No 8136	- .1.29	1929	-	-	PL-C	505	2
28416	Springs	Full size half elevation and plan and section of 11 plate spring 3'0" centres unloaded Copy of Darlington Dg No 3631A-D	- .12.24	1924	-	J27	BP	507	3
28443	Six Wheels Coupled Goods Engines Type J15 (Y14)-Built Up Crank Axle	3" to 1' elevations of axle	- .3.25	1925	-	J15	PL-C	535	4
28473	Engines Types J18 & J19-Alterations to Balance Weight of Leading and Trailing Wheels	6" to 1' elevation and section of 4.4" diameter wheel on tread showing details of weights Endorsed: for wheel centre see Dg No 18018	13.2.29	1929	-	J18 J19	PL	527	2
28484-1	Engines Type B17-Alteration to Footplating	1½" to 1' elevations and plan of footplating alongside cab and handrail fixing and 3" to	9.2.29	1929	-	B17	PL-C	537	2
28486	A.C.F.I Feed Water Heater on B12 Type Engine No 8517-Arrangement Showing Alterations Required to Mixing and Settling Tanks	1 to 5 scale elevations and sections showing new components and those to be removed	14.3.29	1929	-	B12	PL-C	500	2
28495	CS Top Side Friction Block and Body Stop for 10 Inch Headstocks Right and Left Hand	6" to 1' elevations and plan of block Copy of Doncaster Dg No 5846N 24.1.28	19.10.36	1936	-	-	BP	537	2
28499	Wrought Iron Engine Buffer	Full size elevation and section of self contained buffer projecting 1' 5 ½" and 1' 1" diameter face	5.6.29	1929	-	-	BP	545	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28498	Wrought Iron Engine Buffer	Endorsed: copy of Darlington Dg No 7994D 9.11.11; for Group Standard see Dg No 10824D 1.26	5.8.29	1929	-	-	BP	545	
28522	Driving Crank Pin and Eccentric Crank J70 Type (C53)	Full size elevations of component	29.4.29	1929	-	J70	PC-L	505	2
28537	Driving Crank Pin and Eccentric Crank Y4 Type (B74)	Full size elevations of components	4.5.29	1929	B74	Y4	PL-C	528	3
28550	0-6-0 Coal Engines Type J20-Sketch Showing Comparative Positions of Standard GE Type Regulator Handle and N7 'Drop' Type (Shown in Red) Regulator Handle	1½" to 1' elevation of cab showing position of handle	6.3.29	1929	-	J20	PL	537	3
28557	Standard Screw Coupling for Carriages	Full size elevation and plan with details of components Copy of Darlington Dg No 12408D 1.4.25	31.1.29	1929	-	-	BP-C	519	2
28563	Four Wheels Coupled Radial Tank Engines Type F7-Cast Iron Base for 2½" Ross Pop Safety Valve	Full size sectional elevation, sections and plan of base	22.5.29	1929	-	F7	PL-C	556	2
28577	0-6-0 Tank Engines Types J66, 67, 68 & 69 (Classes T18 & R24)-Alteration to Lubrication to Trailing Axleboxes	1" to 1' arrangement of axlebox lubrication and 6" to 1' details of components for new and existing axleboxes	10.5.29	1929	-	J66 J67 J68 J69	PC-L	510	2
28580	2-4-2 Radial Tank Engines Type F4-Casing and Arrangement of Westinghouse Brake Trip Cock	Full size elevations and sections of components Endorsed: altered 7.29; for general arrangement of gear see Dg No 28289; for details of trip cock see Dg No 28862	15.8.29	1929	-	F4	PL-C	586	2
28593	4-6-0 Engines Type B17-Sand Box and Details	3" to 1' sections, elevation and plan of sand box and full size details of components and schedule	- .5.29	1929	-	B17	PL	511	2
28595	Proportional Steam Brake Application Valve-Conversion Westinghouse to Steam	Full size elevations, section and plan of numerous components Endorsed: undated alterations	3.5.29	1929	-	-	PL-C	528	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28595 Att No 1	Proportional Steam Brake Application Valve- Conversion Westinghouse to Steam-Body	Full size elevation and section of casting	3.5.29	1929	-	-	PL-C	528	1
28595 Att No 2	Arrangement of Proportional Steam Brake Application Valve	Full size elevation, section and plan of valve	- .9.30	1930	-	-	PL-C	528	1
28600	Bogie Express Passenger Engines and Tenders 4-6-0 Type (3 Cylinder) Class B17 Nos 2800 to 2809	1" to 1' general arrangement of engine and tender Copy of North British Co Dg No 1	- .-. .29	1929	-	B17	BP	508	3
28603 -1	Bogie Express Passenger Engines and Tenders 4-6-0 Type 3 Cylinder Class B17- Pipe Arrangement Elevation and Plan	1" to 1' sectional side elevation and plan of engine Endorsed: superseded by Dg No 28603 11.34 Copy of Darlington Dg No 13281	19.5.32	1932	-	B17	BP	472	1
28773	Bogie Express Passenger Engines and Tenders-4-6-0 Type (3 Cylinder) Class B17- Railway Nos 2800 to 2809-Coupled Springs Leading, Driving and Trailing and Spring Gear Details	3" to 1' elevations and plan of springs and full size details of brackets, etc and schedule Copy of North British Loco Co Dg No 174	25.3. 30	1930	-	B17	BP	514	2
28814	Bogie Express Passr. Engines and Tenders 4- 6-0 Type (3 Cylinder) Class B17 Railway Nos 2800 to 2809-Carriers for Feed Connection Proportional Valve and Drivers Brake Valve	Full size elevations and plans of 3 components Copy of North British Loco Co Dg No 215	21.3.30	1930	-	B17	BP	497	1
28819	Bogie Express Passenger Engines and Tenders 4-6-0 Type (3 Cylinder) Class B17- Bogie Bearing Details and Spring	3" to 1' elevations and plan of 11 components Endorsed: cancelled see new plan Dg No 28819 Copy of North British Locomotive Co Dg No 220	21.3.30	1930	-	B17	BP	547	1
28862	2-4-2 Radial Tank Engines Type F4-Details of Westinghouse Triple Cock	Full size details of numerous components Endorsed: altered 7.29, for GA of gear see Dg No 23289	- .5.29	1919	-	F4	PL-C	461	3
28862	2-4-2 Radial Tank Engines Type F4-Details of Westinghouse Trip Cock	Full size details of numerous components Endorsed: for general arrangement of gear see Dg No 28289	- .5.25	1925	-	F4	P	536	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28867	2-4-0 Tender Engines Type E4-Inspection Seat	3" to 1' elevations and plan of timber seat with waterproof screen for attachment leading end of engine Endorsed: altered 21.6.29	24.5.29	1929	-	E4	PL-C	581	1
28891	Arrangement of 'Diamond' Soot Blower J15 Type (Y14) 7887 Eng	1" to 1' outline end elevation of boiler and part section showing arrangement and full size section of tube	27.5.29	1929	Y14	J15	PL-C	474	1
28893	Alterations to Reversing Section J69 Type Shunting Engines	1½" to 1' elevation of sector and lever	30.5.29	1929	-	J69	PL	551	2
28893	0-6-0 Tank Engines Type J65-Boiler	1½" to 1' elevations, sections and plan of boiler and full size details of riveting Endorsed: altered 23.3.31, 30.3.33 and 19.7.55	28.5.29	1929	-	J65	PL	594	3
28920	Four Wheeled Brake Vans 32 Ft 0 Ins-Revised Arrangement of Spring Gear	1½" to 1' elevation and plan of revised design of spring gear and 3" to 1' details of	28.6.29	1929	-	LNE 120	PL-C	494	3
28923	Spring for 4 Wheeled Brake Vans 32Ft	3" to 1' elevation and section of 7 plate spring 6' 0" centres Endorsed: altered 20.9.33	28.6.29	1929	-	-	PL-C	520	1
28924	Spring Bracket for Four Wheeled Vans 32' 0"	6" to 1' elevations and plan of bracket and showing spring Endorsed: 22.11.30	28.6.29	1929	-	LNE 120	PL-C	482	1
28926	Platelayers Spanner-Steel	Full size elevations of 22 ¼" long spanner Copy of Telegraph Superintendents Office plan No LV-3968 17.10.28	2.7.29	1929	-	-	PL	500	2
28929	Details of Water Gauge for 5,000 Gallons 8 Wheels Tender also GE Engines	Full size sectional elevation of gauge and 1½" to 1' part view of gauge on tender front and full size details of components Endorsed: position of water gauge on GE tenders see Attachment 28929; for position of water gauge on GE tank engines see Dg No 29944 Copy of Doncaster Dg No R.84	19.1.24	1924	-	-	PL	482	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
28929 Att	Tender Water Gauge	Diagrammatic elevations showing position of gauge and schedule of dimensions for 7 GE tender classes My comment: Dg No also given as 28929E-1	16.6.31	1931	-	-	PL	482	1
28994 Ren	Engines Types E4, J15, Etc-Boiler	1½" to 1' elevations, sections and plan of boiler with 10' barrel and full size details of riveting Endorsed: altered 25.10.55	- .8.29	1929	-	E4 J15	P	534	1
28996	Standard ¾ Inch Westinghouse Brake Hose Coupling and Gauges	Full size elevation and sectional plan with details of 10 components Endorsed: prepared from Westinghouse Brake Co's Dg No 51190A and gauge drawings My note: this drawing is a mounted lithograph; it does not bear a Stratford number, only the stick	8.10.29	1929	-	-	-	567	1
28996	Standard 1 Inch Westinghouse Brake Hose Coupling and Gauges	Full size elevation and sectional plan with details of 10 components Endorsed: prepared from Westinghouse Brake Co's Dg No 51193B and gauge drawings My note: this drawing is a mounted lithograph; it does not bear a Stratford number, only the stick	8.10.29	1929	-	-	-	567	1
29003	Reserve/Buffer for Non Vestibule Carriage Stock Cast Steel	Full size elevations, section and half section of buffer 1'10" long Endorsed: altered 7.2.36 Copy of Darlington Dg No 13635.D	- .8.29	1929	-	-	BP-L	538	1
29004	Arrangement of Reserve-Buffer for Non Vestibule Carriage Stock	6" to 1' section, end elevation and plan of buffer and its attachment to steel underframe Copy of Darlington Dg No 13641D 7.8.29	19.8.29	1929	-	-	BP-L	563	1
29000	0-6-0 Engines Type J18/17-Regulator Steam	Full size sections of pipe and 3" to 1' elevation of complete pipe	20.8.29	1929	-	J18	BP-L	101	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29009	Pipe	Endorsed: for D&J type engines with boilers to Dg No 29083	28.8.29	1929	-	J19	BP-L	481	
29019	Single Ended Milk Barrow-General Arrangement	3" to 1' elevations, plan and half inverted plan of 4 wheel barrow length 6'1½"	6.12.29	1929	-	-	PL	586	1
29020	8 Ft 0 Ins Light Type Special Bogie 9 1/2In x 4 3/8Ins Journals 6Ft 4 1/2Ins Centres to Carry 12 Tons on Pivot	3" to 1' general arrangement of bogie Endorsed: superseded by later copy marked retraced 16.1.34 Copy of Doncaster Dg No 6776N	16.4.29	1929	-	-	PL	476	1
29020	8Ft 0Ins Light Type Special Bogie 9 ½" x 4 ¾" Journals, 6' 4 ½" Centres to Carry 12 Tons on Pivot	3" to 1' general arrangement of bogie Copy of Doncaster Dg No 6776N 4.10.33	1.5.34	1934	-	-	BP-L	551	1
29024	Cast Iron Chimney	Full size sectional elevation of chimney with schedule of engine classes and applicable dimensions Endorsed: altered 5.35 and 26.6.43 for F4 and F5 classes with short chimney	10.10.29	1929	-	-	PL-C	587	2
29026	20 Tons Goods Brake Van	1 ½" to 1' general arrangement of brake 19' over headstocks and 10' 6" wheelbase with list of ancilliary drawings Copy of Darlington Dg No 12040D	8.1.28	1928	-	-	BP	510	1
29027	Details of Ironwork for 20 Tons Goods Brake Van	1½", 3" & 6" to 1' details of 58 components Copy of Darlington Dg No 12063	18.3.29	1929	-	-	BP-I	471	1
29028	Cast Iron Ballast Plates for 20 Ton Goods Brake Van	1½" to 1' elevations and plans of 7 weights for van to Darlington Dg No 12420 Copy of Darlington Dg No 12051 2.8.29	2.8.29	1929	-	-	BP	484	4
29029	Independent Sanding Arrangement Complete at Each End of Van 20 Tons Goods Brake	1½" to 1' arrangement shown on part elevation, section and plan of end of goods brake Endorsed: for Ferro concrete van general arrangement Dg No 1307/3 see detail of bracket to Dg No 7291-C 7.29	- .9.29	1929	-	-	P	548	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Duckinfield Dg No 6921C 16.11.27							
29037	Express Engines Type B12-Arrangement of Woods Anti-Carboniser	1½" to 1' arrangement of apparatus on part outline elevation of engine	17.10.29	1929	-	B12	PL	581	2
29038	Modified Method of Securing Sand Pipe on Sentinel-Cammell Steam Rail Cars	3" to 1' details showing arrangement of 3 sets apparatus Copy of Darlington Dg No 13671	23.9.29	1929	-	152	PL	547	1
29062	Express Engines Type B12-Details of Wood's Anti-Carboniser	3" to 1' and full size details of components	17.10.29	1929	-	B12	PL	526	2
29093	Plan of Stratford Works Showing Site of Hot Washing Out Plant and Rearrangement and Additions to Water Mains and Roads	1" to 88' plan of works area with water mains added to base SDO Dg No 8257	- .9.29	1929	-	-	PL-C	478	1
29113	Bolts and Nuts for Twin Couplers for Carriage Steel Underframes	Full size details of 10 components Copy of Doncaster Dg No 8085N	9.11. 32	1932	-	-	BP-L	471	1
29117	Engines Type D15-Blast Pipe	6" to 1' elevation, section and plan of blast pipe Endorsed: one to made for trial	30.11.29	1929	-	D15	PL-C	548	2
29118	D15 Type Engine-Alteration to Smokebox to Suit Chimney to Dg No 1-254-N	3" to 1' sectional side and end elevation of smokebox showing new chimney	21.1.30	1930	-	D15	PL-C	493	2
29118 Att	D15 Type Engine Fitted with Chimney to Dg No 1-254N-Smokebox Union for Vacuum	Full size elevations of cast iron union	10.1.30	1930	-	D15	PL-C	493	2
29141	B1 Axlebox for Carriage Stock	Full size elevation, sections and plans of axlebox for 10" x 4 ¼" journals for NER carriage stock Copy of Darlington Dg No 8431 29.10.35	26.4.38	1938	-	-	BP-C	562	1
29145	GE Section Engines-Alterations Necessary to Brake Hangers to Obtain 4' 11 3/8" Brake Block Centres	Diagram of hanger and block with description of required alterations	17.6.30	1930	-	-	PL	556	2
29149	Steel Axles	3" to 1' elevation of 7'2 ½" axle for class S23 My comment: stores ordering drawing	- .12.29	1929	S23	-	P	536	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29153	Side Bearing Spring for 8Ft 6Ins and 8Ft 0In Bogies-Suburban Quintuple Carriage	3" to 1' elevation and section of 9 plate spring 4' 6" centres straight	4.4.30	1930	-	-	PL	562	2
29156	Axle, Collets for Buckton Wheel Lathe, Temple Mills	Full size elevations, sections and plan of collect and table of dimensions for 5 sizes of journal Supplementary Dg No SDO 8610	21.12.29	1929	-	-	PL-C	542	2
29161	Engines Type D15-Alteration to Balance Weight of Driving Wheels with Oval Crank Webs	6" to 1' quarter elevation of wheel showing alteration to weight and section Endorsed: altered 18.2.30	14.1.30	1930	-	D15	PL-C	487	1
29164	0-6-2 Tank Engines Type N7 (Doncaster Built)-Injector Steam and Delivery Valve	Full size elevations of components My note: half the drawing is missing	6.1.30	1930	-	N7	PL-C	581	4
29168	Engines Type E4-Blastpipe	6" to 1' section, elevation and plan of blastpipe Endorsed: altered height of blastpipe reduced from 3'1" to 2' 8 1/4" 2.48	11.1.30	1930	-	E4	PL	523	2
29168 Att	Sketch Showing Method of Reducing Height of Existing Blastpipe	6" to 1' section, elevation and plan showing reduction in height	21.4.48	1948	-	E4	BP-L	523	1
29169	Engines Type J15-Blast pipe	Full size sections, elevations and plan of pipe	10.1.30	1930	-	J15	PL-C	479	1
29203	Arrangement of Door for Standard Carriages 9Ft 0Ins over Doors	3" to 1' interior and exterior elevations of door with sections and enlargements Copy of Darlington Dg No 13578D	29.11.29	1929	-	-	BP	566	1
29218	0-6-0 Engines Type J68 and J69-Trailing Sandbox Gear Details	Full size details of numerous components Endorsed: altered 13.6.33; for sand gear details Dg No 35405 11.44	24.1.30	1930	-	J68 J69	BP-L	567	2
29220	0-6-0 Tank Engines Types J68 and J69-Arrangement of Sanding Gear	1 1/2" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered 11.44	5.3.30	1930	-	J68 J69	PL-C	548	3
29220	Rearrangement of Trailing Sanding Gear	1 1/2" to 1' arrangement of gear shown in relation to part elevations and plan of rear of engine	29.9.43	1943	-	-	BP-L	548	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att		Endorsed: altered 26.1.45 for classes J66, J67/1, J67/2, J68 and J69							
29260	Bogie Express Engines Type B12 4-6-0 Nos 8571-8580 with Six Wheeled Tenders-Wakefield's Patent Mechanical Lubricator	3" and 6" to 1' and full size details of numerous components Copy of Beyer, Peacock drawings	12.2.30	1930	-	B12	PL	601	3
29313	Adaptors for Standard Oil Cup Covers (Connecting Rods, Coupling Rods and Eccentric Straps)	Full size details with schedule of engine type for 5 types of adaptor	20.5.30	1930	-	-	PL	577	2
29316	Alteration to Crosshead Oil Box Studs	Full size details of stud	4.4.30	1930	-	-	PL	558	2
29319	Engines Type D13-Alteration to Driving Wheel Balance Weight	6" to 1' quarter side elevation of 6'6" dia wheel with section of rim	1.4.30	1930	-	D13	PL-C	473	1
29333	Model Link Motion-Details for Trial of Valve Gear with Long Valve Travel Engines B12 Type	6" to 1' details of 5 components	9.4.30	1930	-	B12	PL-C	557	2
29339	0-6-0 Tank Engines Type J69-Arrangement of Cylinder Cock and Damper Gears	1½" to 1' arrangement shown on outline of lower part of engine Endorsed: for details of cylinder cock gear see Dg No 7136; for ashpan arrangement see Dg No 14901; for ashpan and damper gear details see Dg No 29340	- .7.31	1931	-	J69	BP-L	595	1
29340	Engines Type J69-Ashpan Details	3" to 1' and full size details of numerous components	- .7.31	1931	-	J69	PL-C	496	2
29372	4-4-0 Tenders Engines Types D13, D15 & D16-Arrangement of Numbering on Cab-Sides	1½" to 1' outline side elevations of 3 cabs showing arrangement of 12" numerals Endorsed: all splashers beading on cab sides to be removed, number plates to be put on leading splashers	19.5.30	1930	-	D13 D15 D16	PL	508	2
29422	Engines Type D15-Cast Iron Petticoat to Fit Existing Chimney	6" to 1' section and plan	24.6.30	1930	-	D15	PL-C	566	2
29426	4-6-0 Express Engines Type B12-Piston Valve Head with Ring Control of Steam and Alteration to Valve Bush to Suit	Full size sections of valve head Endorsed: for additional information see Dg No 28080	9.7.30	1930	-	B12	BP-L	479	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29431	4-6-0 Engines B12 Type (S69)-Arrangement of Ash Ejector (Cowlairs Type)	3" to 1' arrangement and full size details of brackets Endorsed: note 5 engines to be fitted for Northern Scottish Area	- .7.30	1930	-	B12	PL-C	577	1
29439	4-6-0 Express Engine Type B12-Long Valve Travel Motion-Cast Steel Brackets for Motion Plate and Alteration to Web of Motion Plate at the Slide-Bar Support	6" to 1' elevations and plan of two types of bracket	- .11.30	1930	-	B12	PL-C	566	1
29497	Blast Pipe for B12 Type Engines Fitted with ACFI Integral Feed Water Heaters	6" to 1' elevations, section and plan of blast pipe Endorsed: see Dg No 30227 for blast pipe for B12 type engines with extended smokebox SDO Dg No 8872	- .7.30	1930	-	B12	PL	568	2
29500	Engine Type B12-Long Travel Valve Motion-Rocking Lever	Full size elevations of lever Endorsed: altered 27.11.30	7.8.30	1930	-	B12	PL-C	564	2
29518	Express Engines Type B12-Arrangement of Pipes for A.C.F.I. Feed Water Heater	1" to 1' arrangement of pipes shown on outline elevation and plan of engine Endorsed: thermometer pipes not required, for arrangement of thermometer work to Dg No 32306	- .8.30	1930	-	B12	PL	554	3
29522	Engines Type B12-Oil Box for Bogie Axle Boxes	Full size elevation, section and plan of oil box showing its position on bogie Endorsed: altered 26.5.33; for rubbing disc see Dg No 30636; drill for copper tube on horizontal centre line; for one engine	21.8.30	1930	-	B12	PL-C	560	2
	4-6-0 Express Engine Type B12 No 8559-	Full size sections and elevation of piston and development of steam ports							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29524	Long Valve Travel Motion-Two Part Piston Valve Bushing and Alteration to Cylinders to Suit	Endorsed: altered 15.10.30; for valve bushing for engines fitted long travel valve gear using long slot back set expansion link see dg No 30217 4.12.31	21.8.30	1930	-	B12	PL-C	558	
29530	ACFI Integral Feed Water Heaters B12 Type Engines-Bends for Main Exhaust Steam Supply Pipe	6" to 1' elevations, plans and sections of three pipe bends Supplementary Dg No SDO 8907	- .8.30	1930	-	B12	PL	588	2
29531	0-6-0 Tank Engines Type J69-Westinghouse Brake Gear Details	3" to 1' details of 35 components Endorsed: supersedes by Dg No 7725; altered 13.7.33	- .10.30	1930	-	J69	PL	580	2
29537	Express Engines Type B12, LM's 9371, 9372, 9373, 9374 and 9375-Steel Flanges for A.C.F.I Feed Water Heater Pipes	6" to 1' details of 16 types of flange	4.10.30	1930	-	B12	PL-C	553	2
29542	Carriage Buffer for Steel Underframe for 51' 0" Vestibule Stock	6" to 1' elevations of buffer 1'6" diameter and full size details of cotter and stud Copy of Darlington Dg No 13983D revised 12.3.45	8.5.45	1945	-	-	BP	589	3
29547	Engines Type T1-Reaarangement of Axlebox Lubrication-Coupled Wheels	1½" to 1' part out line elevation, section and plan of engine showing arrangement of lubrication and full size details of clips and oil ways	12.9.30	1930	-	T1	PL-C	564	2
29548	4-8-0 Engines Type T1-Four Feed Oil Box for Coupled Wheels	Full size elevations and plan of oil box	12.9.30	1930	-	T1	PL-C	589	3
29566	4-6-0 Express Engine Type-Long Valve Travel Motion Back Valve Chest Cover	Full size section and elevation of cover Endorsed: for front valve chest cover see Dg No 17226	16.9.30	1930	-	B12	PL-C	552	1
29570	Engines Type J69-Steam Brake Details	3" to 1' details of numerous components and schedule Endorsed: altered 13.7.33 and 28.8.48	- .10.30	1930	-	J69	PL	565	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29572	Six Wheels Coupled Express Engines Type B12-Trailing Axlebox	6" to 1' elevations, sections and plan of axlebox with instructions on journal lubrication Endorsed: also see Dg No 30475 20.11.34	29.9.30	1930	-	B12	BP-L	583	2
29577	Engines Type B12-Stell Plate Cab Roof	1½" to 1' elevation, section and plan of roof and full size constructional details Endorsed: altered 9.33	- .9.30	1930	-	B12	PL-C	567	2
29581	4-6-0 Engines Type B17-Sketch Showing Part of Horizontal Frame Stay Removed and a New Means of Securing the Westinghouse Reservoirs	1" to 1' elevation and plan of engine frame showing alterations and 3" to 1' section of reservoir fixing	- .9.30	1930	-	B17	PL-C	563	3
29583	Bogie Express Engines Type B12 4-6-0 with Six Wheeled Tender-Coupling Rod and Crank Pin	6" to 1' elevations and plan of components Endorsed: altered 7.34 and 30.6.50 Copy of Beyer, Peacock Dg No 75	- .11.30	1930	-	B12	PL	556	2
29584	Bogie Express Engines Type B12-Bogie Arrangement with 2 5/8" Side Play	3" to 1' general arrangement of bogie 6'6" wheelbase with 3'3" wheels on tread Endorsed: altered 20.7.34 and 19.10.32 Copy of Beyer, Peacock drawing	- .11.30	1930	-	B12	PL	576	2
29585	Bogie Express Engines Type B12 4-6-0 with 6 Wheeled Tenders-Bogie Centre and Slide Stretcher and Pin	1" to 1' details of 4 components and schedule Copy of Wm. Beardmore drawing	- .11.30	1930	-	B12	PL	589	3
29586	Six Coupled Bogie Express Engines Type B12 4-6-0 with Six Wheeled Tenders-Bogie Details (Spring Control Gear)	3" and 6" to 1' details of 9 components Endorsed: this drawing replaces No 23628E for bogie control details when the bogie side plate is altered from 2" to 2 5/8" (bogie R Dg No 29584E) and new trailing axleboxes are fitted to Dg No 29572E	- .11.30	1930	-	B12	PL	559	3
29587	Bogie Express Engines Type B12 4-6-0 with Six Wheels Tenders-Bogie Detail for Bogies with 2'3" Diameter Wheels	1½" and 3" to 1' details of 21 components with schedule Endorsed: altered 20.10.32, 12.34 and 4.34	- .11.30	1930	-	B12	PL	589	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Wm. Beardmore drawing							
29611	Details of Brakework and Framing for Fitting Vacuum Brake on Travelling Gas Reservoirs	3" to 1' details of numerous components Endorsed: for arrangement see Dg No 29603E	- .12.30	1930	-	63W	PL	596	1
29620	Engs. Type J70-Packing Gland for Sandbox Spindle	Full size sections of gland with turning instructions	19.9.30	1930	-	J70	PL-C	553	1
29622	4-6-0 Express Engine Type B12-Long Valve Travel Motion Slide Block for Valve Spindle	Full size elevations and section Endorsed: altered 9.11.31	- .10.30	1930	-	B12	PL-c	570	1
29630	Spring Loaded Valve for GE Standard Whistle to Dg No 5935	Full size section of valve Endorsed: for other dimensions see Dg No 5935	3.10.32	1932	-	-	BP-L	576	1
29642 Ren	5'6" Diameter Boiler B12 Type Engines	1½" to 1' elevations, sections and plan of boiler Endorsed: altered 3.2.32 and 25.10.55	- . 10.30	1930	-	B12	PL	588	2
29642 Att	Stiffening Plate for Future Boilers B12/3 Class	3" to 1' sections and plan of plate Endorsed: dome cover and ring identical to J39 type	21.9.53	1953	-	B12/3	PL	588	1
29642 Att Ren	Type B12 Engines-Position of Inspection Doors in 5'6" Diameter Boiler	1½" to 1' section and plan of doors	15.5.34	1934	-	B12	PL-C	588	1
29647	Standard Crosshead for Engines Type D13 to 16, E4, F3 to 7, J15 to 17, J66 to 69, G4	Full size elevation, section and plan of crosshead and details of components Endorsed: numerous alterations to 24.7.41	29.11.30	1930	-	D13 D14 D15 D16 E4 F3 F4 F5 F6 F7 J15 J16 J17	PL-C	589	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
						J66 J67 J68 J69 G4			
29648	Bogie Express Passenger Engines and Tenders 4-6-0 Type (3 Cylinder) B17-Pipe Arrangement	¾" to 1' front and rear end elevations of engine showing details of pipework and schedule of copper steam pipes required Endorsed: altered 7.12.34; for engines with Westinghouse brakes; altered 7.10.33 Copy of Darlington Dg No 13282D 29.10.30	11.12.30	1930	-	B17	BP	569	1
29656	Expansion Allowance Table and Tyre Grip Allowance Gauge Giving and Constantly Varying Stress	Diagram of a tyre and table of dimensions relating to the degree of expansion after the tyre has been shrunk onto the wheel centre	6.11.30	1930	-	-	PL	501	1
29657	Engines B12 Type with 5'6" Diameter Boiler-Foundation Ring	1½" to 1' elevation and plan of ring and full size details of corner riveting	- .12.30	1930	-	B12	PL-C	586	2
29658	Engines Types E4 & J15-Palm Stays Fitted to Permit Removal of Bottom Row of Tubes	1½" to 1' elevations of tube plate and sectional elevation of boiler showing	13.11.30	1930	-	E4 J15	PL	538	1
29659	Engines Type B12 with ACFI Feed Water Heater-Spring Support for Strainer	Full size section of container showing position of spiral spring	- .11.30	1930	-	B12	PL	588	1
29661	Boilers for Engines Types E4, J15 and F3-Firebox with Direct Stays in Place of Roofbars	1½" to 1' sections and plan of firebox Endorsed: altered 20.6.34 and 11.41	27.3.31	1931	-	E4 J15 F3	PL	586	1
29662	13In Westinghouse Brake Cylinder, Lead Piston Ring and Fixings	Full size elevation and plan of ring Endorsed: 1 engine for trial	24.11.30	1930	-	-	PL	550	2
29663	Engines Type B12-Lubricating System for Intermediate Axleboxes	Full size elevations and plan of system	26.11.30	1930	-	B12	PL-C	583	2
29666	Boilers for Engines Types E4, J15 and F3-Details for Fireboxes with Direct Stays	Full size details of 6 components Endorsed: altered 4.48	27.3.31	1931	-	E4 F3 J15	PL-C	561	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29669	Spring for Coupled Wheels Class B17	3" to 1' elevation, section and plan of 13 plate spring 3'6" centres Endorsed: superseded see Dg No 34495 showing springs and spring gear details 5.7.39 Part copy of Darlington Dg No 13201D	7.4.30	1930	-	B17	PL	585	2
29712	B12 Type Engines with 5'6" Diameter Boiler-Firebox Roof Stays	3" to 1' diagram showing position of stays and full size details of stays and schedules of dimensions Endorsed: altered 18.3.31, 23.3.31 and 24.7.51	- .1.31	1931	-	B12	PL	588	2
29718	Express Engines Type B12-Brackets and Pipe Clips for A.C.F.I Feed Water Heater Gear	6" to 1' details of numerous components	- .5.31	1931	-	B12	PL-C	501	2
29724	B12 Type Engines with 5'6" Dia. Boiler-Mud Plug Seating (Back End)	Full size sections and elevation of seating	29.1.31	1931	-	B12	PL-C	582	2
29725	B12 Engines with 5'6" Diameter Boiler-Expansion Bracket, Frame and Boiler Stay	6" to 1' elevations and plans of components Endorsed: altered 23.4.41	19.6.31	1931	-	B12	P	479	1
29726	Summary of Superheater Pipes Used on Each Section	Six tables listing engine classes, dimensions and specifications of elements for Darlington, Doncaster, Gorton, Inverurie, Stratford and Cowlairs Copy of Doncaster Dg No N-666N	-	1936	-	-	BP	576	1
29726-1	Summary of Superheater Elements 1 3/8" outside diameter for Gorton, Stratford,	Table of classes and dimensions Copy of Doncaster Dg No N-661N	17.12.30	1930	-	-	BP	576	1
29726-2	Superheater Elements 1 1/2" outside diameter for Doncaster, Stratford and Darlington	3" to 1' elevations of elements with table of classes and dimensions Copy of Doncaster Dg No N-647N	17.12.30	1930	-	-	BP	576	1
29726-4	Engines Class J39 Superheater Elements 1 1/2" Outside Diameter for Doncaster and Darlington	3" to 1' elevations of elements with table of dimensions Copy of Doncaster Dg No N-649N	17.12.30	1930	-	J39	BP	576	1
29726-6	Engines Class L1 Superheater Elements 1 1/2" Outside Diameter for Doncaster	3" to 1' elevations of elements with table of dimensions Copy of Doncaster Dg No N-665N	17.12.30	1930	-	L1	BP	576	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29729	Steam Brake Valve	Full size elevation, sections and plans of valve and components Endorsed: altered 26,2,34	- .6.31	1931	-	-	P	474	1
29737	5'6" Diar Boiler (Type B12)-Main Steam Pipe Cone	Full size section of cone	- .2.31	1931	-	B12	PL	534	4
29738	Bogie Express Engines Type B12 4-6-0 with Six Wheel Tenders-Cab and Splasher Arrangement	1½" to 1' elevations and plan of cab and splashers Copy of Beyer, Peacock Dg No 86	- .2.31	1931	-	B12	PL	582	2
29801	Bogie Express Engines Type B12 4-6-0 with Six Wheeled Tenders-Blast pipe and Steam Pipe Elbow	6" to 1' elevation and plan of blast pipe and full size details of elbow Endorsed: altered 27.10.32 Copy of Beyer, Peacock Dg No 23	- .2.31	1931	-	B12	PL	533	1
29803 Ren	Engines Type D16 Part 3 and J19 Part 2-Boiler Arrangement (5'1 1/8" Diar.)	1½" to 1' elevations, sections and plan of boiler and full size details of riveting Endorsed: altered 19.7.55 2.52	- .111.39	1939	-	D16/3 J19/2	P-L	488	2
29803 Att	Engines Types D14, 15, 16, J17, 18, 19-Position of Inspection Doors in Round Top Boiler	1½" to 1' elevation and plan of doors	15.5.34	1934	-	D14 D15 D16 J16 J17 J18 J19	P-L	488	1
29806	5'6" Diar. Boiler Type B12-Internal Steam Pipe	3" to 1' section of pipe and full size details of ends	- .2.31	1931	-	B12	PL-C	600	2
29807 Ren	Engines Type B12 with 5'5" Diameter Boiler-Arrangement of Ashpan and Drop Grate	3" to 1' elevation, section and plan of assembly My note: original drawing dated 7.31	-	1934	-	B12	P	573	1
29807 Att	B12 Type Engines with 5'6" Diameter Boiler-Modified Grate Arrangement	3" to 1' elevation of upper part of grate Endorsed: for alteration to shaft and bearing see Dg No 29843	13.3.33	1933	-	B12	BP-L	573	2
29808	4-6-0 Engines Type B12 with 5' 6" Dia. Boiler-Superheater Header	3" to 1' elevations and sections of header with full size details of plugs and components	- .5.31	1931	-	B12	BP-L	525	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29809	Bogie Express Engines Type B12 4-6-0 with Six Wheeled Tenders-Brake Details	3" and 6" to 1' details of 32 components Copy of Beyer, Peacock Dg No 84	28.2.31	1931	-	B12	PL	583	2
29811	Engines Type B12 for Scotland-Arrangement of Tablet Exchange Apparatus and Doors between Engine and Tender	3" to 1' elevations and plan of apparatus and doors Endorsed: altered 6.12.45; tablet exchange apparatus on left hand side only, doors on both sides of engine and tender	5.3.31	1931	-	B12	PL-C	538	3
29813	Application of Filtrator to D15 Type Engine	1½" to 1' showing arrangement of filtrator mounted on footplate on side and end elevations of engine and forward part of the tender and 3" and 6" to 1' details of pads, brackets and cradles Supplementary Dg No SDO 9069	- .3.31		-	D15	PL-C	515	3
29830	Engines Type B12 with 5'6" Dia Boiler-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: altered 14.11.34, 9.35 and 4.39	- .9.32	1932	-	B12	PL	530	1
29831	4-6-0 Engines Type B12 with 5'6" Diameter Boiler-Cab Arrangement	1½" to 1' elevations and plan of cab and full size detailed sections of construction Endorsed: altered 1.11.35	- .5.31	1931	-	B12	BP-L	581	1
29831 Att	Drivers Seat on Right Hand Side of Cab-Class B12/3	1½" to 1' elevation and plan showing position of seat and 6" to 1' details of seat	18.6.36	1936	-	B12/3	BP-L	581	1
29832 Ren	B12 Type Engines Fitted with 5'2" Dia. Boiler-Smokebox	3" to 1' sectional elevations of smokebox showing interior details Endorsed: altered 25.1.33 & 7.3.42	28.8.31	1931	-	B12	BP-L	487	1
29832 Att	Engines Type B12/3 Modified Butt Strip Securing Smokebox Wrapper Plate to Frame	6" to 1' elevation of strip and section showing position	- .2.42	1942	-	B12/3	BP-L	487	1
29833	5 Ft 6 Ins Boiler (B12 Type Engs) Internal Pipes- (Copper)	1½" to 1' elevation and plan of pipe arrangement in relation to outline of boiler Endorsed: altered 3,35	20.4.31	1931	-	B12	PL	466	4
29833	Engs. Type B12/3-Arrangement and Details	1 ½" to 1' arrangement of pipes and 3" to 1'	11.12.31	1932	-	B12/3	PL	466	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att	of Alteration to Internal Injector Delivery	details of brackets and clips	- .11.42	1942	-	B12/5	PL	400	
29834	B12 Type Engines with 5'6" Diameter Boiler-Details of Firebox Clothing, Plates, Coping, etc	3" to 1' and full size details of 5 components Endorsed: altered 7.4.33	- .11.31	1931	-	B12	BP-L	580	2
29835	B12 Engines with 5' 6" Diameter boiler-Blast Pipe and Blower Ring	6" to 1' sectional elevation and plan of components	- .4.32	1932	-	B12	BP-L	588	1
29836	5Ft 6Ins Diameter Boiler Type B12-Fire Door Arrangement	6" to 1' elevation of door and full size details of fixings Endorsed: altered 29.7.40 & 1.42	- .3.31	1931	-	B12	PL	479	2
29837	5Ft 6Ins Diar. Boiler Type B12-Fire Door Details	Full size elevations and plans of 8 components with schedule Endorsed: title added to by 'and 5Ft 1 1/8Ins Dia Boiler for Engines Types D14, 15 and 16 and J16, 17, 18 and 19 5.32					PL	520	3
29838	5'6" Diar Boiler type B12-Firedoor Slide and Bars	Full size elevations and plan of components Endorsed: altered 12.4.33	-0.331	1931	-	B12	PL	532	2
29839	5 Ft 6 Ins Diameter Boiler Type B12-Firebox Details	6" to 1' and full size details of 18 components Endorsed: alterations up to 29.7.40	-	-	-	B12	PL	462	3
29841	B12 Engines with 5'6" Dia Boiler-Chimney Liner and Petticoat	6" to 1' elevations and sections of petticoat and full size details of fittings Endorsed: altered 13.7.34	4 .7.31	1931	-	B12	BP-L	532	2
29843	B12 Type Engines 5'6" Diameter Boiler-Drop Grate Details	3" and 6" to 1'and full size details of components Endorsed: altered 3.35 and 2.54	6.8.31	1931	-	B12	BP-L	582	2
29844	B12 Type Engines with 5'6" Diameter Boiler-Dome and Washer Doors Casings, etc	3" and 6" to 1' and full size details of 7 components with schedule Endorsed: altered 3.35 and 4.50	- .5.31	1931	-	B12	PL	600	2
29845	B12 Type Engines with 5 Ft 6 Ins Boiler-Cab Front Windows	6" to 1' elevation of window and full size details of fittings with table of components Endorsed: altered 15.6.38	- .4.31	1931	-	B12	PL	463	2

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29846	4-6-0 Engines Type B12 with 5'6" Dia. Boiler-Arrangement and Details of Trailing Sandbox and Gear	3" to 1' elevations and plans of sandbox and 6" to 1' and full size details of gear	28.7.31	1931	-	B12	P	566	1
29847	B12 Type Engines 5' 6" Diameter Boiler-Ash Pan Details	6" to 1' details of numerous components	- .10.31	1931	-	B12	P	548	1
29847 Att	B12 Type Engs. With 5' 6" Diameter Boiler-Ash Pan Details to Suit Modified Ash Pan	3" and 6" to 1' details of components	- .3.333	1933	-	B12	BP-C	548	2
29848	Engines Type B12 with 5' 6" Diameter Boiler-Injector Details	3" and 6" to 1' details of numerous components Endorsed: for engines Nos 8571-8580 see also Dg Nos 30480 and 33514	27.6.31	1931	-	B12	BP-L	547	2
29849	B12 Type Engines with 5'6" Diameter Boiler-Clothing, Steam Heating and Sanding Details	1½", 3" and 6" to 1' and full size details of numerous components	- .2.32	1932	-	B12	BP-L	591	2
29850	Engines Type B12 with 5' 6" Diameter Boiler-Details of Lagging and Spiked Bands of Driving Splasher	6" to 1' sectional view of lower part of boiler showing lagging arrangement	- .3.32	1932	-	B12	BP-L	541	2
29851	4-6-0 Express engines Type B12 with 5'6" Diameter Boiler-Arrangement of Westinghouse and Vacuum Brake Pipes	1½" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered 9.11.36	- .3.32	1932	-	B12	BP-L	605	2
29853	B12 Type Engines with 5'6" Diameter Boiler and D14, 15, 16 with Smokebox to Dg No 30590 and 31541 (9½" Diameter Piston Valves)-Vacuum Exhaust Pipe and Elbow with WH Connection	Full size elevations and sections of component Endorsed: altered 14.9.32, 19.4.33, 28.3.35 and 9.35	- .7.31	1931	-	B12 D14 D15 D16	P	584	1
29853	B12 Type Engines with 5'6" Diameter Boiler and D14 , 15 and 16 with Smokebox to Dg No 30590 and 31541 (9½" Piston Valves)-Vacuum Exhaust Pipe and Elbow with WH Connection	1½", 3" and 6" to 1' elevations, sections and plan of pipes and connections Endorsed: numerous alterations to 9.35	- .7.31	1931	-	B12	PL-C	595	3
29855	B12 Engines with 5' 5" Diameter Boiler-Footboard	3" to 1' elevation, plan and section of footboard with details of ironwork Endorsed: altered 5.32 and 24.1.42	- .11.31	1931	-	B12	BP-L	593	2
						D14 D15			1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29856	5' 1 1/8" Diameter Boiler for Engines Types D14, 15 and 16, J16, 17, 18 and 19- Arrangement of Staying of Firebox Roof	Full size sectional elevations of firebox roof showing stays	18.8.31	1931	-	D16 J16 J17 J18 J19	BP-L	540	
29857	5' 1 1/8" Diameter Boiler for Engines Types D14, D15 and D16, J16, J17, J18 and J19- Boiler Stay Details	3" and 6" to 1' and full size details of components Endorsed: altered 20.3.52	- .8.31	1931	-	D14 D15 D16 J16 J17 J18 J19	BP-L	588	2
29858	B12 Engs. with 5'6" Diameter Boiler-Brick Arch	3" to 1' elevation, section and plan of arch and dimensioned plans of 6 types of firebrick	22.10.31	1931	-	B12	BP-L	587	2
29859	B12 Engines with 5 Ft 6 Ins Diameter Boiler-Smokebox Door and Details	3" to 1' elevation and plan of smokebox door and 6" to 1' and full size details of	- .12.31	1931	-	B12	P	466	1
29860	Proportional Steam Brake Application Valve-Body Castings	Full size elevations and sections and plan of 3 casings Endorsed: altered 23.7.31	- .6.31	1931	-	-	PL-C	499	2
29861	Proportional Steam Brake Application Valve-Details	Full size details of numerous components Endorsed: altered 23.7.31	- . 7.31	1931	-	-	PL-C	549	2
29864	Six Wheels Coupled Bogie Express Engines Type B12-Cylinders with Piston Valves	3" to 1' elevations, sections and plans of cylinders Endorsed: altered 3.5.32; superseded by Dg of same No 1.35	- .12.30	1930	-	B12	PL-C	466	2
29864	Cylinders 20Ins Diameter by 28In Stoke 4-6-0 Engines Type B12	3" to 1' elevations, sections and plans of cylinders Endorsed: see Attachment for alterations to these cylinders to suit engines types J18, J19 and J20	- .1.35	1935	-	B12	P	563	1
Att 29864	Alteration to Cylinders to Dg No 29864E for Engines Types J18, J19 and J20-Also Tabulated Reference to Drawing Numbers	3" to 1' section showing alteration Endorsed: reference to J18 omitted, undated	- .1.35	1935	-	J18 J19	P	563	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	Tabulated Reference to Drawing Numbers					J20			
29867	8", 8½" and 9" Vertical Steam Brake Cylinder	Full size sections and plan of cylinder with schedule of dimensions for various engines and tenders Copy of Darlington Dg No 14474D 2.4.31	11.11.52	1952	-	-	BP	582	2
29868	Model Link Motion-Long Valve Travel Expansion Link Adjustable Connectors to Eccentric Rods and Motion Block	6" to 1' elevation of expansion link and details of 3 components	- .1.5.31	1931	-	-	BP	461	1
29869	Three Way Cock for Steam Brake Engine and Tender	Full size sections and plan of cock	11.5.31	1931	-	-	PL-C	538	2
29881	0-4-4 Tank Engines Type G4 (S44.C)- Arrangement and Details of Indicating Gear	3" to 1' elevation of arrangement and 6" to 1' and full size details of components	- .5.31	1931	S44	G4	BP-L	467	1
29883	Model Link Motion-Long Valve Travel- Arrangement and Details of Adjustable Saddles for Expansion Link	6" to 1' arrangement and full size details of components	17.6.31	1931	-	-	BP-L	579	1
29932	Eccentric Sheaves and Straps with ½ Inch Wide Rebate and Felt Oiling Pads	Full size half elevation and plan of sheave with sections Endorsed: for future eccentric straps see Dg No 31341 6.35	- .7.31	1931	-	-	BP-L	473	1
29937	Tank Engines Steel Cab Roofs	1½" to 1' elevations and plan of roof and full size sections showing method of fixing and table of dimensions for GE classes Endorsed: altered 9.33	27.7.31	9131	-	-	BP-L	590	2
29940	Steam Pipe Connections and Blast Pipe Top B17	6" to 1' and full size sections, elevations and plans of 5 components Endorsed: altered 11.34; supersedes North British Loco Co Dg No 50 Copy of Darlington Dg No 13215D	10.7.29	1929	-	B17	BP-L	590	2
29942	Chimney Liner and Petticoat-D15 Type Engines with Extended Smokebox to Dg Nos 29118 & 25689	6" to 1' esectional elevation and plan of components	31.8.31	1931	-	D15	PL-C	476	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29944	Application of Standard Water Tank Gauges to Tank Engines	3" to 1' dimensioned sketches showing position of gauges in engine cabs and full size details of connecting pipe and brackets Endorsed: altered 20.10. 34	3.10.31	1931	-	-	PL	494	1
29944 Ren	Application of Standard Water Tank Gauges to Tank Engines	3" to 1' diagrams of 4 types of gauges with dimensions for individual classes and full size details of support for gauge bracket Endorsed: altered 20.10.34	- .7.31	1931	-	-	PL	554	2
29949	Regulator Handle J66 to J69	6" to 1' elevation of handle Endorsed: this supersedes drawing of same number dated 7.31	30.4.53	1953	-	J66 J67 J68 J69	BP	598	1
29981	Engines Type D14, D15, D16-New Stiffening Plate and Altered Drilling to Suit Piston Valve Cylinders	3" to 1' side elevation and half plan of frame showing plate and drilling positions Endorsed: altered 19.6.30 & 6.36	- .6.32	1932	-	D15 D16	BP-L	466	2
29982	Engines Type N7 and J17-Grease Cup and Alteration to Oil Chamber of Coupling and Connecting Rods to Suit	Full size section of oil chamber and diagrams showing couplings for various classes Endorsed: altered 16.9.31	11.9.31	1931	-	N7 J17	PL-C	546	2
29985	Engines Type B12 with 5'6" Diameter Boiler and Long Valve Travel Motion-Reversing Arrangement	1½" to 1' elevations and plan of reversing gear shown in relation to part engine	18.12.31	1931	-	B12	BP-C	538	4
29986	B12 Type Engines with Long Valve Travel and D14, D15 & D16 Type Engines with Piston Valve Cylinders-Reversing Screw Bracket	6" to 1' elevation and plan Endorsed: altered to include D14, 15 & 16 24.9.35	31.9.31	1931	-	B12 D14 D16	PL-C	489	2
29988	Type B12 Engines with Long Valve Travel-Reversing Shaft	6" to 1' plan and elevation of arrangement Endorsed: altered 24..35	29.10.31	1931	-	B12	BP-L	467	2
29990	E4 and F3 Engines-Eccentric Sheaves and	Full size elevations, sections and plan of components	11.31	1931	-	E4	BP-L	606	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
29990	Straps with ½" Rabbet and Felt Oiling Pads	Endorsed: for other dimensions see Dg No 7239	7.11.31	1931	-	F3	BP-L	600	
29991	Engines Types J17 and N7-Cover Plate over Hole in Footplating to Suit Grease Cup on	3" to 1' elevations and plan showing plate in relation to splasher	28.8.31	1931	-	J17 N7	PL-C	500	2
30002	Engines Type F6-Arrangement of Steel Pads on Boiler Backplate for Group Standard Water Gauge	Full size elevation and section showing position and fixing of pad Endorsed: altered 9.32	1.5.31	1931	-	F6	BP-C	594	2
30003	Engines Type J69-Arrangement of Steel Pads on Boiler Back Plate for Group Standard Water Gauge	Full size details of pads showing their position Endorsed: altered 9.32 30.3.33 and 25.5.33	1.5.31	1931	-	J69	PL-C	519	3
30007	Engines Types D14, D15, D16-Piston Valve Cylinders 19In Diameter 26In Stroke Valves 8Ins Dia. And 5 3/8In Stroke CHECK this	1" to 1' elevations, sections and plan of cylinders Endorsed: alterations to 10.36	1.8.31	1931	-	D14 D15 D16	PL	516	3
30008	Six Wheels Coupled Bogie Express Engines Type B12-Long Travel Valve Gear Using Long Slot Back-Set Expansion Link-Expansion Link,	3" to 1' and full size details of components Endorsed: altered 13.6.32 and 25.4.33	1.8.31	1931	-	B12	PL	514	3
30013	Modified Arrangement of Twin Coupler (Outer) for Articulated Stock (Steel Underframes)	Full size elevations and sections of coupler Copy of Doncaster Dg No 8306N 9.7.35	9.7.35	1935	-	-	BP-L	503	2
30031	14 Ton Glass Lined Milk Tank Wagon (Long Wheelbase)-Underframe Members	1½" to 1' elevations and plans of 14 components	26.8.31	1931	-	-	BP-L	505	1
30032	Chill for White Metalling Standard 12 Ton Wagon Bearings (9" x 4¼")	Full size elevations, sections and plan of mould for making wagon bearings mark STD-L&NE-D	7.10.52	1952	-	-	P	524	2
30050	14 Ton Glass Lined Milk Tank Wagon (Long Wheelbase)-Brakework Details	3" and 6" to 1' details of 10 components	29.8.31	1931	-	-	BP-L	543	2
30057	14 Ton Glass Lined Milk Tank Wagon (Long Wheelbase)-General Arrangement	1½" to 1' elevations and plan of 20'6" wagon over headstock and 13' wheelbase, fitted with vacuum brake, capacity 3,000 gallons	8.10.31	1931	-	-	BP-L	592	1
30058	14 Ton Glass Lined Milk Tank Wagon (Long Wheelbase) Ironwork Details	3" to 1' details of ironwork including ascending steps	27.8.31	1931	-	-	BP-L	466	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30059	14 Ton Glass Lined Milk Tank Wagon (Long Wheelbase)-Buffer and Drawgear Forgings	3" to 1' elevation and plan of drawbar, buffer rod and cradle and 9" to 1' details of hook	18.9.31	1931	-	-	BP-L	535	1
30063	14 Ton Glass Lined Tank Wagon for the Conveyance of Milk (Long Wheelbase)-Bearing Spring	3" to 1' elevation, section and plan of 8 plate spring 3'6" when straight	18.9.31	1931	-	-	BP-L	585	1
30101	5Ft 1 1/8In Diameter Boiler for Engine Types D14, D15, D16 and J16, J17, J18 and J19-Foundation Ring	3" to 1' plan and section of ring and full size details of corner riveting	10.9.31	1931	-	D14 D15 D16 J16 J17 J18 J19	BP-L	517	1
30105	Expansion Bracket and Adapters Engs. Type D14, 15, 16, J16, 17, 18, 19 with Boiler to Dg No 29803	3" and 6" to 1' and full size details of components Endorsed: altered 9.32	- .6.32	1932	-	D14 D15 D16 J16 J17 J18 J19	BP-L	520	3
30108	Arrangement of Locking Gear for Reversing Shaft for K3 Type	Full size elevations and plan of gear Copy of Darlington Dg No 13679D 19.2.20	2.9.31	1931	-	K3	BP	521	2
30109	Arrangement of Internal Steam Pipes between Dome and Firebox Engine Types B12, D15 and D16	Unscaled elevations and plans of steam pipes, one old GE practice and the other modified practice	- .9.31	1931	-	B12 D15 D16	BP-L	535	1
30111	Cast Steel Brackets for Motion Plate for B12 Type Lentz Valve Engines No 8571 to 8570 Converted to Piston Valve Engines	Full size elevations and plan of bracket	2.10.31	1931	-	B12	PL-C	511	2
30113	Grease Lubrication on Engines-Retaining Screw for Grease Cups	Full size elevations of screw and diagram showing position on engines classes N7, J17 and J68	- .9.31	1931	-	J17 J68 N7	PL-C	533	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30117	Engines Type B12 with 5' 6" Dia. Boiler and Long Valve Travel Motion-Pockets in Lagging Plate to Clear Reversing Gear	6" to 1' details of pocket in relationship to reversing lever	8.3.32	1932	-	B12	BP-L	500	2
30118	Six Wheels Coupled Bogie Express Engines Type B12-Long Travel Valve Gear Using Long Slot Back-Set Expansion Link-Eccentric	Full size elevations of sheaves with sections Endorsed: various alterations to 8.42	- .9.31	1931	-	B12	PL-C	523	3
30122	Engines Types D14, D15 and D16-Reversing Shaft for Engines Fitted with Piston Valve Cylinders to Dg No 30007E	6" to 1' elevations of shaft	- .6.32	1932	-	D14 D15 D16	BP-L	531	1
30123	Engines Type B12 with Long Valve Travel and Long Slot Back Set Expansion Link and Engines Type D14, 15, 16 with Piston Valve Cylinders Valves 8" or 9 ½" Diameter-Reversing Shaft Brackets	Full size elevation, section and plan of bracket	15.12.31	1931	-	B12	BP-L	514	2
30124	Tank Engines Type N7-Cover Plate for Hand Brake Column	6" to 1' elevations of steel plate	- .9.34	1934	-	N7	BP-L	502	1
30129	Goods Engines Types J15-Arrangement of Pipes for Straight Air Brake Application Valve and Double Check Valves	1½" to 1' arrangement shown on sections of footplate and tender front and 3" to 1' and full size details of components	- .11.31	1931	-	J15	PL-C	514	3
30185	3Ft 5In Dia Wheel for Heavy Hand Cart	6" to 1' elevations and half sectional end elevation of 12 spoke wheel 3' 5" diameter with iron tread Copy of Darlington Dg No 4395	3.12.31	1931	-	-	BP-L	571	1
30186	Tension Wheels and Axle Arm for Hand Cart	6" to 1' elevation of steel 30 spoke wheel 2'9" diameter with solid rubber tyres and details of axle arm Copy of Darlington Dg No 3206D	3.12.31	1931	-	-	BP-L	571	1
30204	Six Wheels Coupled Bogie Express Engines Type B12-Long Travel Valve Gear Using Long Slot Back-Set Expansion Link Piston Valve (with Narrow Rings and 'Ring Control' of Steam) and Valve spindle	Full size sectional elevation of piston valve Endorsed: altered 12.37 My comment: drawing originally dated 10.31	5.3.43	1943	-	B12	BP-L	498	2

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30210	Six Wheels Coupled Bogie Express Engines Type B12-Arrangement of Stephenson Link Motion (Maximum Valve Travel 6 5/64")	3" to 1' elevation of motion with section of cylinders and valves	- .11.32	1932	-	B12	BP-L	530	1
30214	Engines Type B12 with 5'6" Diameter Boiler and Long Valve Travel Motion-Reversing Rod and Guide	1½" to 1' arrangement of rod and guide and 6" to 1' and full size details	8.12.31	1931	-	B12	BP-L	591	2
30217 Amend	Engines Type B12 with Long Valve Travel Using Long Slot Back-Set Expansion Link Two-Part Piston Valve Bushing	Full size sections of valve with details of bushing Endorsed: for piston valve to suit Dg No 30204; for cylinders see Dg No 29864; altered 3.53	22.2.43	1943	-	B12	BP-L	517	1
30217	Engines Type B12 with Long Valve Travel using Long-Slot Backset Expansion Link Two-Part Piston Valve Bushing	Full size section and elevation of bushing and development of steam ports on inside of bushing Endorsed: altered 15.8.32; for cylinders see Dg No 29864; for future bushes with new arrangement of ports see amended Dg No 30217 2.3.43; see Dg No 31073 for engines with old cylinders to Dg No 17223 22.2.32	2.12.31	1931	-	B12	BP-L	573	2
30220	Engines Type J68-Grease Cup and Alteration to Oil Chamber of Coupling and Connecting Rods	Full size section of grease cup with written details of construction	6.6.33	1933	-	J68	PL-C	512	2
30220	5Ft 1 1/8Ins Diameter Boiler for Engine Types D14, 15 and 16 & J16, 17, 18 & 19-Internal Pipe Arrangement	1½" to 1' sectional elevations and plan showing arrangement of pipes Endorsed: altered 19.4.33, 3.35 2and 3.11.42	28.11.31	1931	-	D14 D15 D16 J16 J17 J18 J19	BP-L	514	2
30221	Engines Types N7 and J17-Grease Cup	Full size section of cup	18.10.32	1932	-	-	BP-L	499	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30223	Engines Type B12-Locking Gear for Reversing Shaft	Full size elevations, section and plan of gear with schedule of components Endorsed: for engines with reversing gear to Dg No 29985	13.11.31	1931	-	B12	P	509	1
Att 30223	Rebuilt 'D' Type Engines-Boiler to Dg No 29803E and 9 ½" Dia. Piston Valves-Cylinder Casting for Reversing Shaft Clutch	Full size elevation and plan	18.10.35	1935	-	D14 D15 D16	BP-L	509	2
30225	4-6-0 Engines Type B12 Fitted with Long Valve Travel Motion Using Long-Slot Back-Set Expansion Link-Reversing Shaft Spring	Full size elevation and spring and end elevation showing position on shaft Endorsed: D Type Engs. With piston valve cylinders	16.12.31	1931	-	B12	BP-L	513	2
30226	Engines Type B12 (with 5'6" Dia Boiler and Long Valve Travel Motion) Vacuum Reservoirs for Proportional Valve and Reversing Clutch	Full size section of reservoirs and end elevation	20.1.32	1932	-	B12	BP-L	502	2
30227	A.C.F.I. Feed Water Heaters-Blast Pipe (for Type B12 Engines with Extended Smokeboxes)	6" to 1' elevation, section and plan of cast iron blast pipe	17.12.31	1931	-	B12	BP-L	504	2
30233	Engines Types B12, B17, D15 & 16-Alteration to Brake Gear of Tenders with Water Scoops	1½" to 1' side elevation showing arrangement on outline of tender frame and 3" to 1' details of components Endorsed: supersedes Dg No 28245	24.12.31	1931	-	B12 B17 D15 D16	BP-L	493	1
30236	5Ft 1 1/8Ins Diameter Boiler for Engines Types D14, 15 and 16, J16, 17, 18 and 19-Blow Off Cock	Full size sections, elevations and plan of cock made of bronze	17.12.31	1931	-	D14 D15 D16 J16 J17 J18 J19	BP-L	512	2
30241	Arrangement of Three Link Coupling Bending Machine	3" to 1' elevations and plan of machine and 6" to 1' details of some components Supplementary Dg No M9389E	7.12.31	1931	-	-	PL-C	545	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30242	Sentinel-Cammell Locomotives Type Y3 and Crane-Arrangement for Fitting 2 ½" Tyres to Worn Disc Wheels	Full size section of tyre and wheel and 1 ½" to 1' elevation of wheel and schedule listing applicable engine and crane numbers Copy of Darlington Dg No 14763	6.11.31	1931	-	Y3	BP-L	504	1
30243	Arrangement for Fitting 2½" Tyres to Worn Disc Wheels-Sentinel-Cammell Locomotives Type Y1	Full size half section of wheel and 1 ½" to 1' elevation of complete disc wheel and schedule of engine numbers Copy of Darlington Dg No 14764D	7.11.31	1931	-	Y1	BP-L	527	1
30244	Sentinel-Cammell Type Y1-Arrangement for Fitting New 2½" Tyres to Existing Wheels Centres	Full size section of tyre and wheel centre and 1 ½" to 1' elevation of complete disc wheel Copy of Darlington Dg No 14675D	11.11.31	1931	-	Y1	BP-L	510	3
30248	A.C.F.I Feed Water Heaters-Descaling Gear	1½" to 1' arrangement of tank mounted on iron wheeled hand barrow and 3" and 6" to 1' details of pipework and flanges	24.12.31	1931	-	-	BP-L	502	2
30249	Injectors Steam and Delivery Valve Left Hand Side	Full size elevations, sections and plan of valve Copy of Doncaster Dg No J76	10.12.31	1931	-	-	BP-L	505	2
30251	Firebars-Cast Iron-Group Standard NE Section	Unscaled elevations and sections of firebars with schedules of applicable engine types Copy of Darlington Dg No 11825.D	24.9.30	1930	-	-	P	606	1
30252	5' 11/8" Diar. Boiler for Engines Types D14, 15 & 16, J16, 17, 18 & 19-Internal Pipe Clips, Elbow and Union	Full size details and sections of components	22.12.31	1931	-	D14 D15 D16 J17 J18 J19	BP-L	502	1
30255	5Ft 1 1/8Ins Diameter Boiler for Engines Types D14, 15 & 16 and J16, 17, 18 & 19-Protector for Firehole	Full size elevation and section of protector	~.2.32	1923	-	D14 D15 D16 J16 J17	BP-L	518	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
						J18 J19			
30256	Engine No 8848 Type D15-Additional Ash Ejector for Extended Smokebox	1½" to 1' arrangement shown within smokebox and full size details of unions and clips	24.12.31	1931	-	D15	BP-L	503	2
30258	Express Engines Type B12-Cab Side Screens	Full size elevations of screen and details of fittings Endorsed: classes D15 & D16 added 23.2.38; altered 9.34 with the fitting of Vibro lock nut	3.1.32	1932	-	B12	BP-L	517	2
30291	Type J68 Engines-Modified Bracket for Driver's Brake Valve	3" to 1' elevation of steel bracket	4.1.32	1932	-	J68	BP-L	509	1
30295	Engines Type D13 Class T19-Local Stop for Cylinder Cock Gear	3" to 1' sketch showing position of stop and full size details of components Endorsed: for complete details see Dg No 13812	8.1.32	1932	-	D13	BP-L	510	1
30300	4-6-0 Bogie Express Engines Type B12-Piston Valve Head with Steam Loaded Rings	Full size elevations and sections of head Endorsed: altered 27.4.32	15.1.32	1932	-	B12	BP-L	520	1
30311	Express Engines Types B17 and B12-5 Ft 6 Ins Diam. Boiler-Cab Side Screens	Full size elevations of Triplex glass screen Endorsed: also for 'D' type engine with boiler to Dg No 29803 Endorsed: altered 1936	3.2.32	1932	-	B12 B17	BP-L	483	2
30317	Engines-Type B12-Piston Head with Narrow Rings	Full size sectional side elevation of piston head, elevation and plan showing 3 rings Endorsed: altered 9.34 and 10.9.40; superseded see Dg No 38112 9.53	10.2.32	1932	-	B12	BP-L	525	2
30318	Goods Engines Class J15-Arrangement of Pipes for Dreadnought Vacuum Ejector with Automatic Steam Brake Valve	1½" to 1' arrangement shown on outline of cab and boiler and 3" to 1' details of fittings Endorsed: altered 1.11.33	31.12.31	1931	-	J15	BP-L	536	2
30347	Standard Screw Couplings-Limit Gauges and Taps for Screws and Nuts	Full size elevations of 6 components Copy of Dg No 635RCH	- .12.31	1931	-	-	BP-L	499	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30382	Crank Axles-Force Fit Testing Device	3" to 1' elevations of shaft for N7 and J66 types	- .2.32	1932	-	J66 N7	BP-L	565	2
30382	Force Fit Testing Device	3" to 1' elevations of device for E4 type webs	- .2.32	1932	-	E4	BP	565	4
30383	5Ft 1 1/8Ins Boiler for Engines Types D14, D15 and D16 and J16, J17, J18 and J19-Arrangement of Firedoor	6" to 1' elevations and plan of firedoor Endorsed: altered 4.4.33 and 29.7.40	- .2.32	1932	-	D14 D15 D16 J16 J17 J18 J19	BP-L	576	2
30384	5'11/8" Diar. Boiler for Engines D14, 15 & 16 & J16, 17, 18 & 19-Firedoor Slide and Bars	Full elevations and plan of 5 components Endorsed: altered 7.4.33	4.3.32	1932	-	D14 D15 D16 J16 J17 J18 J19	BP-L	508	2
30385	5Ft 11/8Ins Diar. Boiler for Engines Type D14, 15 & 16 and J 16, 17, 18 & 19-Firedoor Details	6" to 1' and full size details of 18 components Endorsed: altered 6.3.33	22.3.32	1932	-	D14 D15 D16 J16 J17 J18 J19	BP-L	483	2
30390	B12 Engines with 5'6" Boiler-Alterations to Outside Framing	1½" to 1' elevations and plan of framing	20.5.32	1932	-	B12	BP-L	577	4
30391	Engines Type B12-Long Travel Motion Front Valve Chest Cover	Full size elevations and section of cover Endorsed: altered 9.3.32 & 30.3.32	16.2.32	1932	-	B12	BP-L	463	2
30392	Engines Types B12-Long Valve Travel Motion Back Valve Chest Cover	Full size elevation and section of cover and details of oil cup Endorsed: altered 30.3.32	22.2.32	1932	-	B12	BP-L	488	2
						B12			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30396	Engines Types B12, J18, J19, J20-Cast Iron Bush for Cylinder Barrel	Full size section through centre of left hand barrel	6.2.32	1932	-	J18 J19 J20	BP-L	496	
30397	Engines Type B12-Long Valve Travel Motion-Crossheads for Valve Spindle	Full size elevation and plan of front and back end crossheads	25.2.32	1932	-	B12	BP-L	503	2
30398	0-6-0 Tender Engines Type J15 with Boilers to Dg No 9450E (Square Bottomed Fireboxes)-Alteration to Framing to Accommodate Boilers with Bevel Fireboxes	3" to 1' elevation and section showing framing between coupled wheels and alterations	- .2.32	1932	-	J15	BP-L	543	2
30472	Engines Class B12 with 5' 6" Dia. Boiler-Westinghouse and Vacuum Brake Clips and	3" to 1' details of 5 components Endorsed: altered 11.10.33	- .4.32	1932	-	B12	BP-L	520	2
30473	Air Operated Resetting Trip Cock for use with Westinghouse Brake	Full size section and 6" to 1' plan of cock	- .3.32	1932	-	-	BP	557	2
30475	Engines Type B12 (8571 to 8580 Only)-Axlebox Lubrication Details	Full size elevations and plans of driving, intermediate and trailing axleboxes and details of fittings Endorsed: altered 7.11.34 & 10.50	- .4.32	1932	-	B12	BP-L	485	2
30478	Whistle Details B17	Full size details of 14 components Endorsed: altered 12.12.32; supersedes NB Loco Dg No 76 Copy of Darlington Dg No 13347D	16.7.29	1927	-	B17	BP	550	2
30480	Type B12 Engines with 5Ft 6Ins Diameter Boiler-Engs. Nos. 8571-8580-Exhaust Injector Details	Full size and 6" to 1' elevations and sections of pipework, brackets and flanges Endorsed: undated alterations for D14-16 rebuilds; for grease separators without extended flanges see Dg No 33514 17.1.35	- .5.32	1932	-	B12	BP-L	511	1
30480 Part	Exhaust Steam Pipe Connection in Smokebox B12 Type Engines Fitted with 5' 6" Dia. Boiler	Full size sections and elevations of pipe with flanges Endorsed: altered 13.4.33	19.4.32	1932	-	B12	BP-L	511	1
30481	Details of Air Operated Resetting Trip Cock for Westinghouse Brake	Full size details of numerous components Endorsed: for general arrangement see Dg No 30473	- .4.32	1932	-	-	BP-L	516	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30482	4-6-0 Engines Type B12-Smokebox	3" to 1' sectional side and end elevation of smokebox and upper part of cylinders Endorsed: undated alteration; blow valve connection to Dg No 34584 25.3.42	14.4.32	1932	-	B12	BP-L	506	1
30496	Engines Types D14, D15 & D16-Connecting Rod for Engines Fitted with Piston Valve Cylinders to Dg No 30007	Full size elevations and plan of connecting rod Endorsed: altered 1.9.32 My comment: appears to be adapted from Darlington Dg No 14423	- .5.32	1932	-	D14 D15 D16	BP-L	484	2
30499	½ Inch Automatic Steam Brake Valve (Mark 2)	Full size sections of valve and its components Part of Gresham & Craven Dg No 10246C/32	5.5.32	1932	-	-	BP-L	597	2
30528	Details of Containers	1½" and 6" to 1' elevations, sections and plans of 10 components Copy of Doncaster Dg No 8998N	11.3.36	1936	-	-	BP-L	502	2
30560	Engines Type B12 Nos 8571 to 8580 Fitted with 5'6" Boiler-Arrangement of Exhaust Injector	1½" to 1' arrangement of equipment shown on outline of elevations and half plan of engine Endorsed: altered 8.4.35 and 10.41	5.5.32	1932	-	B12	BP-L	568	4
30560 Att	Engines Type B12 with H Type Exhaust Injector-Arrangement of Isolation Cock for	1½" to 1' elevation and plan of cock and pipework shown on part of engine	- .3.38	1938	-	B12	BP-L	568	1
30563	Tank Engines Class N7-Arrangement and Details for Steam and Vacuum Brake Pipes	1½" to 1' arrangement shown on outline elevation and part plan of engine with 3" to 1' details of components	- . 5.32	1932	-	N7	BP-L	471	1
30564	Engines Type B12 with 5'6" Diameter Boiler-Shield for Trailing Axle Box	6" to 1' elevation and section of shield	10.5.32	1932	-	B12	BP-L	481	1
30568	0-6-0 Tank Engines Types J65, J66 and J67-Boiler	1½" to 1' elevations, sections and plan of boiler and full size sections of riveting Endorsed: altered 19.7.35	- .5.32	1932	-	J65 J66 J67	P-L	567	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30569	Boiler for Engines Types J65, J66 and J67-Boiler Details	3" to 1' elevations and plans of 6 components Endorsed: for general arrangement of boiler see Dg No 30568	18.6.32	1932	-	J65 J66 J67	BP-L	523	1
30570	Boiler for Engines Types J65, J66 & J67-Pads for Mounting on Backplate	Full size part elevation of backplate showing position of steel pads with 3 full size sections Endorsed: altered 9.32	- .5.32	1932	-	J65 J66 J67	BP-L	500	2
30587	Engs. Types D14, 15, 16, J16, 17, 18, 19 with Boiler to Dg No 29803-Dome Casing	Full size sectional elevation of dome casing Endorsed: altered 5.8.32 to agree with B17; dome casing altered for D16 Part 3 see also Dg No 33161 12.8.33	- .5.32	1932	-	D14 D15 J16 J17 J18 J19	BP-L	474	1
30589	Engines Type D15 with Boilers to Dg No 29803-E-Cab and Splashes	1½" to 1' elevations and plan of cab and splashes with full size constructional details Endorsed: undated alterations; work to red for 9½" PV engines for reversing arrangement see Dg No 31640 30.9.35	30.8.32	1932	-	D15	BP-L	558	4
30590	Smokebox-Engines Types D14, 15, 16 with P.V. Cylinders and Boiler to Dg No 29803	3" to 1' sectional side and end elevations of smokebox Endorsed: altered 20.11.33	- .9.32	1932	-	D14 D15 D16	BP-L	476	3
30590 Att	Alteration to Attachment of Smokebox to Cylinders	3" to 1' details of attachment for class D16-3 8" PV	- .10.46	1946	-	D16/3	BP-L	476	1
30591	Engines Type D15 (with Piston Valve Cylinder and Boiler to Dg No 29803)-Blast Pipe and Blower Ring	6" to 1' elevations, sections and plans of components Endorsed: altered 24.11.32 & 16.2.33	12.8.32	1932	-	D15	BP-L	480	2
	Engines Types D14, D15 & D16 with Boilers	1 ½" to 1' arrangement shown on outline				D14			4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30592	to Dg No 29803 – Arrangement of Westinghouse and Vacuum Brakes	1 ½" to 1' arrangement shown on outline elevations and plan of engine	7.9.32	1932	-	D15 D16	BL	465	
30593	5' 1 1/8" Diameter Boiler D14, D15 and D16 Type Engines-Detail of Firebox Back Plate Lagging and Coping	3" to 1' elevation of backplate and full size detail of coping Endorsed: altered 30.6.38	- .8.32	1932	-	D14 D15 D16	BP-L	588	2
30594 Ren	Engines Types D15, D16 with Boiler to Dg No 29803 except for Engines with Frame to Dg No 10493 for which see also Dg No 30887-Outside Framing	1½" to 1' elevation and plan of framing My note: date of original drawing 23.9.32	1.12.42	1942	-	D15 D16	BP-L	580	2
30595	Fireboxes-Steadying Bracket and Angle Engines Types D14, D15 and D16 with Boilers to Dg No 29803 and Reservoir Footplates to Dg No 12742	3" and 9" to 1' and full size details of components Endorsed: altered 22.7.32; for steadying bracket for future engines see Dg No 33387 30.5.37	- .5.32	1932	-	D14 D15 D16	BP-L	592	2
30597	Engines Types D14, 15 & 16 with Boiler to Dg No 29803E-Chimney Liner and Petticoat	6" to 1' sectional elevation and plan of petticoat Endorsed: altered 5.3.33	- .8.32	1932	-	D14 D15 D16	BP-L	565	2
30597 Att	Bronze Lug for Fitting to Chimney Cowl when Existing C.I. Lug is Broken Off-Class B12/3, D16/3, J19/2	6" to 1' elevations and plan of lug	5.2.52	1952	-	B12/3 D16/3 J19/2	P-L	565	1
30598	4-4-0 Engines Type D14, 15 & 16 with PV Cylinders and Boiler to Dg No 29803E-Cast Iron Steam Pipe Connection	Full size sections and elevation of pipe Endorsed: for future engines with 8" diameter piston valves see Attachment to this drawing 14.9.33; work to black 28.4.48	20.6.32	1932	-	D14 D15 D16	BP-L	496	2
30598 Att	4-4-0 Engines Type D14, 15 & 16 with PV Cylinders and Boiler to Dg No 29803E-Cast Iron Steam Pipe Connection	Full size sections and elevation of pipe Endorsed: work to red one engine only for trial 10.8.33; also 5 further engines with 8" diameter piston valves 19.9.333; work to black 28.4.48	20.6.32	1932	-	D14 D15	BP-L	496	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
						D16			
30599	Engines Type D15 with Slide Valve Cylinders and Boiler to Dg No 29803E-Blast Pipe and Blower Ring	6" to 1' elevations, sections and plan of pipe and ring	.8.32	1932	-	D15	BP-L	536	2
30600	Four Wheels Coupled Express Engines Types D14, 15, 16-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: for engines with boilers to Dg No 29803	.10.32	1932	-	D14 D15 D16	PL	528	1
30600 Att	Engines Type D14-16 (with Boiler to Dg No 29803-E)-Arrangement of Exhaust Injector (No 9 Class "H")	1½" to 1' arrangement shown on part elevations and plan of engine Endorsed: altered 4.35 and 5.36	21.1.35	1935	-	D14 D15 D16	PL	528	1
30600 Att No 2	Engines Type D16/3 (Piston Valves) with "H" Type Exhaust Injector-Arrangement of Isolation Cock for Auxilliary Control Pipe	1½" to 1' elevation and plan of cock Endorsed: for details of combined and nipple and isolating cock see Dg No 33521, for remainder of pipework see Dg No 30600	.4.38	1938	-	D16/3	PL	528	1
30600 Att No 3	Engines Type D16/3 (Slide Valves with "H" Type Exhaust Injector-Arrangement of Isolation Cock on Auxilliary Control Pipe	1½" to 1' elevation and plan of cock Endorsed: for details of combined and nipple and isolating cock see Dg No 33521, for remainder of pipework see Dg No 30600	.21.4.38-	1938	-	D16/3	PL	528	1
30602	Engines Type B12 with Long Valve Travel Motion-Back Valve Chest Cover	Full size elevations and section of cover	.6.32	1932	-	B12	BP-L	492	2
30609	Bogie Express Passenger Engines and Tenders 4-6-0 Type 6 Cylinder B17-4 ½" Anti Vacuum Valve	Full size elevations, sections and plan of valve for B17, B12 with 5'6" diameter boiler and D16/3 Endorsed for other items see Dg No 38178 Copy of Darlington Dg No 13320D	3.9.48	1948	-	B12 B17 D16/3	BP	563	4

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30611	Guard Truck for 35 Tons Steam Breakdown Crane	1" to 1' general arrangement of 4 wheeled truck length 26' 10 1/2" over headstocks, 15'6" wheelbase, 2'8" diameter wheels, R type axleboxes and outline of trolleys and position of crane jib Endorsed: for details see Dg No 30612; solebars, longitudinals, stays and headstocks provided from old 4 wheeled carriage underframes	- .6.32	1932	-	-	BP-L	577	2
30612	Details of Guard Truck to Dg No 30611	1", 1 1/2", 3" and 6" to 1' details of numerous components for 27' 4 wheeled truck	- .7.32	1932	-	-	BP	484	2
30612 Att	Lifting Brackets for Guard Truck to Dg No 30611	Full size details of brackets and 1" to 1' elevation of right hand sole bar showing	- .1.33	1933	-	-	BP	484	2
30614	Type D14, D15, D16, J16 and J17 Engines Fitted with 5Ft 1 1/8 In Boiler to Dg No 29803E-Adapters for Existing Cylinders	3" to 1' elevations and plans of 3 types of adapter and full size sections	23.6.32	1932	-	D14 D15 D16 J16 J17	PL	559	1
30618	3/4Inch Automatic Steam Brake Valve Mark 2 Type with Adjustable Hand Control	Full size elevations and plan of valve with schedule of 49 parts Copied from Gresham & Craven's Dg No 11025/32 Copy of Darlington Dg No 14956D	- .6.32	1932	-	-	BP-L	564	1
30619	Engines Type F7-Arrangement of Steel Pads on Boiler Backplate for Group Standard Water Gauges	Full size part elevation of backplate showing position and sections of method of fixing Endorsed: altered 9.32	2.7.32	1932	-	F7	BP-L	487	1
30626	Distance Piece for Hornblock Wedge Bolt	6" to 1' outline elevation and section of hornblock showing bolt and full size details of distance piece	15.7.32	1932	-	-	BP-L	599	1
	Engines Type D15 with Belaire Boiler Plate	6" to 1' elevation, section and plan of pipe							2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30630	Engines Type D15 with Berpana Boiler-Blast Pipe	Endorsed: for relative position of chimney, petticoat and blast pipe see Dg No 30306	.7.32	1932	-	D15	BP-L	472	
30632	Ejector Release Valve	Full size elevation and section of valve Endorsed: copy of Dg No 10928/32 Gresham & Craven Ltd, Manchester	6.11.31	1931	-	-	BP-L	483	1
30636 Ren	Engines Types B12, D15, 16-Rubbing Discs for Bogie Centre	Full size section and half inverted plan of top pad	.6.39	1939	-	B12 D15 D16	BP-L	527	1
30636	Engines Type B12, D14, 15, 16-Rubbing Discs for Bogie Centre	Full size sectional elevation and inverted half plan of disc Endorsed: altered 2.34 and 6.39; cancelled see later drawing same number	.7.32	1932	-	B12 D14 D15 D16	BP-L	528	2
30639	Engines Types D14, 15, 16 with Piston Valves, Cylinders and Boiler to Dg No 29803E-Steam Pipe Joint with Lenticular	Full size sections and plans of joints Endorsed: undated alteration	16.8.32	1932	-	D14 D15 D16	BP-L	502	2
30639 Att	Engines Types D14, 15, 16 with Piston Valves, Cylinders and Boiler to Dg No 29803E-Steam Pipe Joint with Lenticular Shaped Rings	Full size sections and plans of joints Endorsed: altered 10.8.33 for revised dimensions for trial purposes; alterations for types J18 & J19 2.8.34, with boiler to Dg No 29803E	.8.33	1933	-	D14 D15 D16 J18 J19	BP-L	502	2
30642	D14, 15 & 16 Class Engines with Boiler to Dg No 29803E-Clothing Details	3" and 6" to 1' and full size details of various components Endorsed: altered 2.6.38	15.11.32	1932	-	D14 D15 D16	BP-L	545	2
30642 Att	Alterations to Spike Bands to Suit Pockets in Lagging for Reversing Gear Engines Types D14 to 16 with 9 ½" Dia Piston Valves	Full size sections showing spike band to dome and front plate of cab	29.10.35	1935	-	D14 D15 D16	BP-L	545	1
30642	Engines Type D16 with Boiler to Dg No	Full size section and elevation of band	2.6.38	1938	-	D16	BP-L	545	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
Att 2	29803E-Alteration to Spike Band and Cab	Full size section and elevation of band	2.8.38	1938	-	D10	BP-L	543	
30644	Bronze Double Cone Joints for Copper Pipes (1" to 2 ¼" Bore Pipes)	Full size elevations and sections of 11 types and joint Copy of Dg No 15059D	17.8.34	1934	-	-	BP-L	468	3
30644	Double Cone Joints for Copper Pipes (1" to 2¼" Bore Pipes)	Full size details of 11 types of joint for various diameter pipe Copy of Darlington Dg No 15069D 8.6.32	24.6.32	1932	-	-	BP	592	2
30645 Ren	Single and Double Cone Joints for Copper Pipes (1/4" to 7/8" Bore Pipes)	Full size panels showing joints for 7 different pipe diameters Endorsed: altered 9.12.37 and 20.12.45 Copy of Darlington Dg No 15068D	16.6.32	1932	-	-	BP-L	530	2
30646	Engines Fitted with Boiler Steam-Manifold to Dg No 28673E-Drain for Whistle Base	Full size elevations of fitting	4.1.33	1933	-	-	BP-L	565	1
30678	LNER Doncaster Pressed Steel Carriage Bogie Frame 8Ft 0Ins Wheelbase	3" to 1' general arrangement, solebar length 13' 3" Copy of Doncaster Dg No 1717N 29.1.13 My comment: an indistinct print	27.9.32	1932	-	-	BP	549	2
30679	Brake Gear for Four Wheeled Carriage Bogie	3" to 1' elevations, section and plan of brake shown in relation to outline of 8' wheelbase bogie Copy of Doncaster Dg No 914N 4.5.27	27.9.32	1932	-	-	BP	569	1
30680	Arrangement of Bolster Suspension Gear for Four Wheeled Carriage Bogies (8Ft 0Ins Wheelbase)	3" to 1' elevations and plan of suspension and 6" to 1' details of 9 components Copy of Doncaster Dg No 1548N, revised 30.12.29	30.12.29	1929	-	-	BP	527	3
30682	Details of Pressed Steel Members for 8Ft 0Ins Wheelbase Bogies to Dg No 17776N	1½" to 1' elevations and plans of 9 components with schedule Copy of Doncaster Dg No 8732 27.11.31	27.9.32	1932	-	-	BP	519	2
30682	Oil Axlebox 'K' Pattern for Four and Six Wheeled Bogies with Steel Underframes	Full size elevations, plans and sections of axlebox, body marked LNE-NK and the front cover LNE-NH	27.8.27	1927	-	-	BP	544	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30685	Wheeled Bogies with Steel Underframes with 10 Inch Solebars Journals 9 1/2" x 4 3/8"	Endorsed: undated dimensional alteration Copy of Doncaster Dg No 3979N	27.8.37	1937	-	-	BP	544	
30690	51Ft 0Ins Steel Underframe (Non Vestibule)	1 1/2" to 1' elevations and plan of steel underframe including braking details and schedule of drawings of components Copy of Darlington Dg No 13742D 13.2.31	27.9.32	1932	-	-	BP-L	484	2
30691	Arrangement and Details of Hand Brake for Vans on 51' 0" Underframes Vacuum and Handbrake	1 1/2" part side elevation , plan and sections of frame and 3" to 1' details of components Copy of Darlington Dg No 13048D	27.9.32	1932	-	-	BP-L	549	1
30692	51Ft Luggage Brake Van Non Vestibule Fitted with Shelves for Pigeon Traffic	3/4" to 1' general arrangement of body with plan showing interior detail Copy of Darlington Dg No 13022D 18.2.30	27.9.32	1932	-	-	BP-L	550	1
30731	Method of Clipping Copper Blowers Pipes GE Type Engines	Full size elevation and plan of pipe arrangement and details of clips	3.8.33	1933	-	-	BP-L	536	1
30769	Arrangement of Right Hand Handrail Engines D14, D15, D16 Fitted with Smokebox to Dg No 30590E	Full size elevations of handrail Endorsed: see Attachment for engine D14-16 with 9 1/2" diameter piston valves	- .8.32	1932	-	D14 D15 D16	BP-L	570	3
30769 Att	Arrangement of Right Hand Handrail Engines Types D14-16 with Smokebox to Dg No 31514	Full size elevations of handrail	- .11.35	1935	-	D14 D15 D16	BP-L	570	2
30770	4-6-0 Engines Type B12-Blast Pipe	6" to 1' sectional elevations and plan of blast pipe Endorsed: altered 8.11.32	8.9.32	1932	-	B12	BP-L	495	1
30770 -B	4-6-0 Engines Type B17-Blast Pipe	6" to 1' sections and plan of blast pipe Endorsed: altered 12.34	-12.33	1933	-	B17	PL	540	2
30773	Engines Types D14, 15, 16 with Boiler to Dg No 29803E-Arrangement of Trailing Sandbox and Gear	3" to 1' elevations, sections and plan of gear shown in relation to rear splasher	- .10.32	1932	-	D14 D15 D16	BP-L	556	1
						B12			2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30774	Engines Types B12, D14, D15 and D16-Valve Spindle Crosshead and Valve Rod Link	Full size details of components	- .9.32	1932	-	D14 D15 D16	BP-L	607	
30780	Boilers for Type J92 Engines-Firebox with Direct Stays in Place of Roof Bars	1½" to 1' sectional elevations and plan of firebox Endorsed: for GA of boilers see Dg No 14857; for details of stays, etc see Dg No 30786	22.9.32	1932	-	J92	BP-L	476	1
30781	Engines Type D14 with Boiler to Dg No 29803E and Small Reservoir Footplate-Firebox Steadying Bracket	Full size elevations and plan of bracket and 3" to 1' elevation and plan showing position on footplate	9.9.32	1932	-	D14	BP-L	563	1
30786	Boiler for Crane Engine Type J92-Boiler Details	Full size details of stays Endorsed: for general arrangement of boiler see Dg No 14857	- .9.32	1923	205	J92	BP-L	569	1
30787	Tank Engines Class F4-Arrangement and Details for Steam and Vacuum Brake Pipes	1½" to 1' arrangement shown on outline side and end elevation and part plan and 3" to 1' details of components	10.10.32	1932	-	F4	BP-L	504	2
30788	Main Steam Pipe Cones-Cones to be Used when Pipes are Repaired, Shortened and Replaced	Full size sections of 5 cones and list of applicable LNER designed classes	8.10.32	1932	-	-	BP-L	528	2
Att 30788	Main Steam Pipe Cones for Use when Pipes are Repaired, Shortened and Replaced	Full size sectional elevation of two cones, for WD 2-8.0 and D16/3 and J19/2 classes	4.7.49	1949	-	O7 D16/3 J19/2	PL	528	2
30789	Engines Types J17-Arrangement of Wakefield's Fountain Axlebox Lubricator	1½" to 1' arrangement shown on part outline of engine and 6" to 1' and full size details of components Endorsed: altered 1.35; see Dg No 34460 for alteration to lubrication of leading axleboxes J17, J19/2 and J20	- .1.33	1933	-	J17	BP-L	558	2
30792	Pocket in Lagging and Cover for Reversing Rod and Screw Types D14, D15 and D16 with Reversing Gear to Dg No 30127	Full size elevations and section of pocket	- .10.32	1932	-	D14 D15 D16	BP-L	553	1
30793	Engines Types D14, 15 & 16 with Boiler to Dg No 29803E-Trailing Sanding Gear Details	3" and 6" to 1' and full size details of 16 components	- .10.32	1932	-	D14 D15 D16	BP-L	556	3

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30822	Details of Standard Brake for Express Covered Goods Wagons	3" to 1' details of 42 components and schedule Copy of Doncaster Dg No 688N	13.9.32	1932	-	-	BP	579	2
Att 30858	Details of Boiler Vent Pipe Roof Connections	Full size section and elevation of pipe Copy of Doncaster Dg No 18219.N My comment: drawing has no Stratford number, allocated as Part to Dg No 30858	-3.49	1949	-	-	BP	554	1
30858	Arrangement and Details for Fitting a Non Return Valve to Hot Water Apparatus in Toilets	1½" to 1' section of toilet showing vent pipe and 6" to 1' arrangements of hot water system and full size details of valves Endorsed: altered 3.49 Copy of Doncaster Dg No 9180.N	10.11.32	1932	-	-	BP	554	1
30860	Method of Applying Grease Lubrication to Eccentric Straps by Altering Oil Cavities	Full size elevation and plan showing arrangement	18.10.32	1932	-	-	BP-L	507	1
30863	Alteration to Left Hand Footstep Required when Exhaust Steam Injector with L.H. Overflow is Fitted-Engines Types D15, 16	Full size elevation and plan showing alteration to step and 6" to 1' details of clip	- .10.32	1932	-	B12 D15 D16	BP-L	597	1
30864	Rod and Pipe Details, Steam Heating, Injectors, Mechanical Lubricator, Gauge Brackets and Whistle Extension Engines Types D14, 15 & 16 with Boiler to Dg No	3" and 6" to 1' and full size elevations, sections and plans of components Endorsed: addition made 18.1.34	30.11.32	1932	-	D14 D15 D16	BP-L	467	2
30868	Engines Types D14, 15 & 16 with Boiler to Dg No 29803-Westinghouse and Vacuum Brake Details, Clips, Bracket, etc.	3" and 6" to 1' and full size details of numerous components Endorsed: altered 7.35	9.11.32	1932	-	D14-15	BP-L	491	2
30869	Engines Type D14, 15 and 16 with Boilers to Dg No 29803E-Westinghouse and Vacuum Brake Details, Castings, etc	Full size details of 6 components	- .11.32	1932	-	D14 D15 D16	BP-L	536	1
30870	General Arrangement and Details of Proposed 3Ft 6In Turntable for 18In Gauge Track	3" to 1' sectional elevation and plan of turntable and 1 ½" and 6" to 1; details of components Endorsed: (in pencil) 8 required	- .10.32	1932	-	-	PL-C	518	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30871 Ren	Part Smokebox Arrangement-Engines Types D14, 15 and 16 with Slide Valve Cylinders and Boiler to Dg No 29803E	3" to 1' sectional elevations of smoke box Endorsed: for other dimensions and details see Dg No 30590	- .1.33	1933	-	D14 D15 D16	BP-C	548	1
30871 Att	Engines Type D16/3 (with Slide Valve Cylinders)-Modified Butt Strip Securing	6" to 1' elevation and section of fixing	14.8.42	1942	-	D16/3	BP-C	548	1
30874	Six Wheels Coupled Radial Tank Engines- Lubrication Arrangements and Alteration to Pipes to Suit Engines Class K89	1½" to 1' arrangement shown on part outline elevations and plan of engine Endorsed: for other dimensions see Dg No 22843 My comment: this was previously No 2 Attachment to Dg No 22843	2.11.23	1923	K89	N7	PL-C	550	3
30875	Mechanical Lubricator Details Engs. Types D14, D15 and D16 with Cylinders to Dg No 30007	3" to 1' and full size details of components Endorsed: altered 6.35 and 2.38	- .11.32	1932	-	D14 D15 D16	BP-L	588	3
30878	Engines Types D14, D15 & D16 with Boiler to Dg No 29803E-Arrangement of Ash Plan Bearer Brackets	3" to 1' elevation of top section of ash pan with brackets	10.11.32	1932	-	D14 D15 D16	BP-L	577	1
30879	Engines Types D14, D15, D16 (Piston Valve)- Oiling Arrangement for Piston Rod	Full size sections of arrangement and of oil box	16.11.32	1932	-	D14 D15 D16	BP-L	554	3
30881	Link for Air Operated Water Scoop to Dg No 22348 on GN Tenders	Full size elevations of link Endorsed: altered 5.37	- .11.32	1932	-	-	BP-L	601	2
30882	4-6-0 Engines Type B12-Bogie Axlebox	Full size elevations, sections and plans of axlebox and list of components Endorsed: superseded by Dg No 31342	- .1.33	1933	-	B12	BP-L	568	2
30885	Engines Types D14, D15 & D16 with Boilers to Dg No 29803-E-Exhaust Steam Pipe Connection in Smokebox	Full size elevations of pipe and flanges Endorsed: undated alteration	24.11.32	1932	-	D14	BP-L	470	1
30887	Engines Type D14 with Boiler to Dg No 29803-E and Frame to Dg No 10490-E- Additional Stay between Main Frame and Angle of Outside Frame	3" to 1' elevations and plan showing stay and its position	30.11.32	1932	-	D14	BP-L	526	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30889	Engine Type D14 Eng No 8900 Rebuilt with Piston Valve Cylinders and Boiler to Dg No 29803E-Engine Nameplate	Full size elevation, half plan and section of plate inscribed 'Claud Hamilton'. Letters and beading to be polished, background black	30.11.32	1932	-	D14	BP-L	510	1
30891	Arrangement of Cylinder Cock and Mechanical Lubricator Gear Types D14, 15, 16 with Boiler to Dg No 29803E and Piston Valve Cylinders	1½" to 1' arrangement shown on part side elevation and plan for front of frame Endorsed: altered 9.1.33 and 30.6.39	9.12.32	1932	-	D14 D15 D16	BP-L	546	2
30892	0-6-0 Engines Type J68-Grease Lubricated Motion Details-Castings	Full size elevations and sections of valve spindle guide, two way grease box and crosshead cover and reversing shaft bracket	- .12.32	1932	-	J68	BP-C	541	1
30893	Details of Cylinder Cock Gear-Engines Types D14, 15 & 16 Fitted with Piston Valve Cylinders	3" and 6" to 1' details of components Endorsed: altered 13.1.33 and 6.6.35	12.12.32	1932	-	D14 D15 D16	BP-L	561	2
30895	Engines Types D14, 15 & 16-Slide Valve, Cylinders and Boiler to Dg No 29803E-Cast Iron Tee Piece for Steam pipe Connection	6" to 1' elevation and sections of tee piece Endorsed: altered 2.4.48	- .1.33	1933	-	D14 D15 D16	BP-L	474	1
30897	0-6-0 Engines Type J68-Grease Lubricated Motion Details	Full size details of 6 components Endorsed: see Dg No 30892 for other details and castings	17.1.33	1933	-	J68	BP-L	555	2
30900	Standard Bogies (Except Inner Bogies on Articulated Stock)-Gauge for Setting Up Radial Blocks and Centre Castings	6" to 1' elevation and plan of gauge and details of 2 components	29.12.32	1932	-	-	BP-C	571	1
30901	GE Type Bogies-Gauge for Setting Up Radial Blocks and Centre Castings	6" to 1' elevation and plan of gauge	29.12.32	1932	-	-	BP-L	525	1
30912	Details of Body Ironwork for 12 Tons High Sided Wagon Standard Underframe	3" to 1' details of 18 components Copy of Doncaster Dg No 12106D	14.4.38	1938	-	-	BP	509	2
30917	Automatic Carriage Coupler-Details	Full size and 6" to 1'details of 10 components with table Copy of Doncaster Dg No 8525	18.11.31	1931	-	-	BP	503	2
30918	Chill for White Metalling-Great Central 8" x 4" Wagon Journal bearing No 44	Full size elevations, section and plan of chill	29.12.32	1932	-	-	BP-L	567	1

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Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	4 Wagon Journal Bearing NO 44	Endorsed: altered 7.7.33							
30926	Chill for White Metalling North Eastern 9 ½" x 4 ¼" Wagon Journal Bearing No 2	Full size elevations, section and plan of chill	9.1.33	1933	-	-	BP-L	549	2
30946	Chill for White Metalling 10ins x 5ins W.D. Wagon Journal Bearing	Full size elevations, section and plan of chill with and without bearing	6.2.33	1933	-	-	BP-L	544	1
30950	Arrangement and Details of Adapter for Steam Heating Cock on Engines and Tenders	Full size elevations and plan of cock with instructions	- .12.32	1932	-	-	BP-L	491	1
30951	Arrangement of Air Reversing Gear Engs. Types D14, 15 & 16 with Slide Valve Cylinders and Boiler to Dg No 29803E	1 ½" to 1' arrangement of gear shown on part outline side and end elevations and plan of engine Endorsed: modified for engines with frame to Dg No 10493; altered 5.33	6.1.33	1933	-	D14 D15 D16	BP-L	497	2
30954	Engines Type D14, 15, 16 with Piston Valve Cylinders-Distance Pieces between Bogie Stretcher and Cylinders	6" to 1' elevations and plan showing position of distance pieces	22.12.32	1932	-	D14 D15 D16	BP-L	480	1
30960	Piston Crosshead No 50	Full size elevations and sections of crosshead for classes A1, A3, K3, V1 and O2 Endorsed: altered 8.12.31, 23.12.31 and 25.11.32 Copy of Doncaster Dg No L-74-N 29.12.32	- .12.32	1932	-	A1 A3 K3 V1 O2	PL	513	3
30961	Engines Type J20-Steel Plate Cab Roof	1½" to 1' elevation, section and plan of cab roof made from ½" plate Endorsed: roof vent altered 9.33	25.1.33	1933	-	J20	BP-L	524	1
30962	5'6" Diar Boilers Type B12 (to Dg No 29642E)-Regulator	Full size sections, elevations and plan of regulator and schedule of components	24.1.333	1933	-	B12	BP-L	529	2
30965	Engines D14, 15 & 16 with Boilers to Dg No 29803-Vacuum Exhaust Pipe Connection	Full size sections, elevations and plan of connection	- .1.33	1933	-	D14 D15 D16	BP-L	487	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
30966	Casing for Steam Pipe of Exhaust Steam Injector Eng. Types D14, 15 & 16 with Boiler to Dg No 29803	6" to 1' elevations and plan of casing	11.1.33	1933	-	D14 D15 D16	BP-L	473	1
30967	Engine and Tender Disc	Full size elevation and plan of mild steel plate disc 1' 2" diameter with rear bracket	17.1.33	1933	-	-	BP-L	509	1
30973	5'6" Diar. Boilers Type B12-Brackets (Dg No 29604E) with Regulator (to Dg No 30962E)- Pad for Regulator Stuffing Box	Full size elevation and section	2.2.33	1933	-	B12	BP-L	509	2
30974	Engines Type J15 and E4-Steel Plate Cab Roofs	1½" to 1' elevation, section and plan of plating and full size details of fixing to	- .1.33	1933	-	J15 E4	BP-L	587	2
30976	Gresham Craven ¾ Inch Mark 2 Steam Brake Valve-Sketch Showing Position of	Full size section of component Endorsed: part copy of Dg No 14956	- .1.33	1933	-	-	BP-L	494	1
30979	Coupling Rods and Crank Pins 0-6-2 Superheated Tank Locomotives Class N7 with Side Play at Leading End	6" to 1' elevation and plan of rods and pins and schedule of components Endorsed: altered 29.7.40 & 3.11.54	22.2.33	1933	-	N7	P	494	1
31041	ACFI Pump Type No 2 Integral Hot Water Cylinder Vapour Valve Body	Full size sections and elevation	10.32	1932	-	-	BP-L	472	2
31043	ACFI Pump No – Integral-Piston Reversing Plate	Full size section and elevation of plate	10.32	1932	-	-	BP-L	472	2
31044	A.C.F.I Pump Type No 2 Integral-Main Steam Valve Liner End Plug	Full size elevation and plan of plug Endorsed: traced from ACFI Dg No 11P/D	- .3.34	1934	-	-	BP-C	501	1
31045	A.C.F.I. Pump Type No2 Integral-Steam Piston	Full size elevation, plan and section of piston							4
31047	B12 Type Engines-Built Up Crank Axles-Eccentric Sheave Journal with Solid Keys	Full size elevation of journal Endorsed: 1 to be made for demonstration 7.2.33	7.2.33	1933	-	B12	BP-L	490	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31047 -1	Engines Type B12-Eccentric Sheave Journal with Solid Keys	Full size elevation of journal Endorsed: not carried out	- .8.34	1934	-	B12	BP-L	490	1
31047	A.C.F.I. Pump Details	Full size sections and elevations of 12 pump components Copy of ACFI Dg No 5P-A/J	- .4.34	1934	-	-	BP-L	495	2
31050	ACFI Part Details-Type No 2 Integral Dg 12P-A-H	Full size and twice full size details of 9 components					BP-L	523	2
31051	A.C.F.I. Pump Type No 2 Integral-Cold Water Piston, Hot Water Piston, Main Steam Valve Liner	Full size section and plan of the 3 components	- .3.34	1934	-	-	BP-L	494	3
31052	A.C.F.I. Pump Type No 2 Integral-Delivery Valve, Delivery Valve Seating, Delivery Vapour Valve	Full and twice full size elevations, plans and sections of 3 components	- .3.34	1934	-	-	BP-L	507	3
31053	A.C.F.I. Pump Type No 2 Integral Cold Water Cylinder Liner, Hot Water Cylinder Liner, Suction Valve, Suction Valve Seat, Valve	Full and twice size and 6" to 1' details of 4 components Copy of ACFI Dg No 2P/A-B	- .4.34	1934	-	-	BP-L	507	4
31055	ACFI Pump Type No 2 Integral-Piston Rod	6" to 1' details of rod and fitting instructions diagram	- . - .33	1933	-	B12	BP-L	524	2
31068	Engs. Type B12 with 5Ft 6Ins Diameter Boiler (Dg 29642) with Regulator to Dg No 30962-Regulator Stuffing Box and Details	Full size elevations, section and plan of 5 components with schedule Endorsed: altered 6.5.33 and 13.12.56	28.2.33	1933	-	B12	BP-L	523	1
31069	Engines Type D15 with Piston Valves-Blast Pipe	6" to 1' elevations, section and plan of blast pipe	15.2.33	1933	-	D15	PL	533	1
31073	Engines Type B12 with Long Travel Valve and Back Set Expansion Link, Piston Valve Bushing for Old Cylinders	Full size section of piston valve bushing and development of steam ports inside and outside	18.2.33	1933	-	B12	BP-L	485	1
31092	Engines Class J15-Arrangement of Vacuum Brake Pipes	1½" to 1' arrangement shown on outline elevation and part plan of engine and 3" to 1' details of components Endorsed: this drawing supersedes Dg No 10805; for arrangement of vacuum exhaust pipe see Dg No 10838Att	- .3.33	1933	-	J15	BP-L	575	2
31093	B12 Type Engines with 5' 6" Diameter Boiler-Bogie Spring	6" to 1' elevation, plan and section of inverted 13 plate spring 4' 1 ¼" centres unloaded	7.3.33	1933	-	B12	BP-L	528	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Endorsed: 1 engine to be fitted							
31095 Amend	Engs. Class B12, J19-2, J20-Piston Valve Bushing	Full size sectional elevations of piston valve and development of bus Endorsed: altered 3.53	- .7.42	1942	-	B12 J19/2 J20	BP-L	483	2
31117	Engines Type B12 Fitted with 5'6" Diameter Boiler-Cast Iron Steam Pipe Connection	6" to 1' elevations and plan of connection Endorsed\ : altered 28.4.48	19.3.33	1933	-	B12	BP-L	566	1
31118	Engines Type B12-Cast Iron Steam Pipe Connection	6" to 1; elevations and plan of pipe, 2 per set	19.4.33	1933	-	B12	BP-L	516	1
31129	Boiler Pad for Whistle Mounting for Engines Types B12 with 5'6" Diameter Boiler and D14-16 with Boiler to Dg No 29803E	Full size sections and elevations of pad with instructions Endorsed: for position of pad on boiler see Dg No 29642 for B12 and Dg No 29803 for types D14-16	5.5.33	1933	-	B12 D14 D15 D16	BP-L	552	1
31134	Kayes Wedge Lock for Carriage Side Doors	Full size elevations and plan of 10 components and schedule Copy of Doncaster Dg No 9199N 16.2.33	21.3.33	1933	-	-	BP	519	3
31154	Details of Drawgear for Standard Wagons	3" to 1' elevations and plans of 12 components Endorsed: for drawgear with 1 3/8" diameter pin see later copy revised 10.1.35 not to be destroyed Copy of Darlington Dg No 14722D	29.9.34	1934	-	-	BP-L	475	1
31154	Details of Drawgear for Standard Wagons	3" to 1' elevations and plans of 12 components Endorsed: drawgear with 1 ½" diameter pin see copy dated 24.10.33 Copy of Darlington Dg No 14722D	10.1.35	1935	-	-	BP-L	475	1
31154	Details of Standard Drawgear for Wagons	3" to 1' details of 11 components and schedule of dimensions for different types Copy of Darlington Dg No 14722D	17.10.48	1948	-	-	BP	571	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31164	Advertisement Frame-General Arrangement Dg No 14424D, Compartment Dg No 7710C	Full size elevation of a bakelite frame, sight size 1' 7 5/8" x 9 5/8" with section Copy of Gorton Dg No 7726C 17.3.33	24.4.33	1933	-	-	BP-L	559	1
31200	Engines Type J19 with Boiler to Dg No 29803E-Rod, Pipe, Clothing, Lubrication and Vacuum Brake Pipe Arrangement	1½" to 1' elevations and plan of engine Endorsed: alterations to 27.6.50	5.1.35	1935	-	J19	P	552	1
31201	Engines Types J18-19 with Boilers to Dg No 29803E-Cab	1½" to 1' elevations and plan of cab with 6" to 1' details of construction Endorsed: see Dg No 18021 for alterations to floorplate 11.2.35; for cab roof and other constructional details see Dg No 30589	10.8.34	1934	-	J18 J19	BP-L	546	2
31202	Smokebox Engines Types J18, 19 with Boiler to Dg No 29803	3" to 1' sectional elevations of smokebox and connection to cylinders and schedule of ancillary drawings Endorsed: altered 10.34 & 29.8.35	26.7.34	1934	-	J18 J19	BP-L	485	2
31204	Steam Pipe Connection Engines Types J18, 19 with Boiler to Dg No 29803E	6" to 1' elevations and plan of connection Endorsed: altered 28.4.48	10.8.34	1934	-	J18 J19	BP-L	561	1
31205	Chimney Liner Engines Types J18, 19 with Boiler to Dg No 29803	6" to 1' sectional elevation of liner Endorsed: altered 4.35; for chimney to Dg No 30597 and petticoat to Dg No 29841	10.8.34	1934	-	J18 J19	BP-L	542	2
31206	Blast Pipe Cap and Blower Ring-Engines Types J18-19 with Boilers to Dg No 29803E	6" to 1' elevation, section and plan of assembly and full size details of components	20.8.34	1934	-	J18 J19 J20	BP-C	545	2
31207	Engines Type J18-19 with Boilers to Dg No 29803E-Vacuum Exhaust Pipe and Elbow	Full size elevation of pipe with elevations and sections of elbows Endorsed: altered 10.34	- .8.34	1934	-	J18 J19	BP-L	467	2
31208 Ren	Engines Types J18-19 with Boilers to Dg No 29803E-Firebox Steadying Bracket	Full Size elevation and section and plan of bracket and 1½" to 1' elevation showing	23.1.35	1935	-	J18 J19	BP-L	557	2
31209	Engines Type J19 (Fitted with Boiler to Dg No 29803)-Sand Gear Details	1½" , 3" and 6" to 1' details of numerous components	28.1.35	1935	-	J19	PL	597	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31210	Engines Type J19 (Rebuilt) with Boilers to Dg No 29803E-Trailing Axlebox	Full size elevations, sections and plan of axlebox and schedule of components	23.3.30	1930	-	J19	BP-L	569	1
31211	Engines Type J69 (Rebuilt) with Boilers to Dg No 29803E-Driving Axlebox	Full size elevations, sections and plan of box and spring hangers Endorsed: see Dg No 31213 for axlebox covers	28.8.35	1935	-	J69	BP-L	550	2
31212	Engines Type J19 (Rebuilt) with Boilers to Dg No 29803E-Leading Axlebox	Full size elevations, sections and plan of axlebox and details of spring hangers Endorsed: see Dg No 31213 for axlebox covers	23.3.35	1935	-	J19	BP-L	551	2
31213	Engines Type J19 (Rebuilt)-Axlebox Covers	Full size plan of cover for driving and trailing wheels	28.1.35	1935	-	J19	PL	518	1
31221	Position of Drip Valve on Vacuum Pipe at Back End of Tender	1½" to 1' outline elevation and plan of end of tender frame showing position	- .3. 39	1939	-	-	BP-L	522	1
31225	Type B12 Boiler to Dg No 29642-Distance Piece for Blow Off Cock	Full size elevations of piece	14.5.33	1933	-	B12	BP-L	578	2
31227	Sketch Showing Position of Additional Wash Out Plugs on Throat Plate of Engine No 8900 and Boilers to Dg No 29803 with Blow Off Cock on Throat Plate	Full size plan of plugs	- .5.33	1933	D46	D15	BP-L	534	1
31228	Manifold Extension for Ash Ejector Steam Cock	3" to 1' arrangement showing position of cock and full size details of manifold Endorsed: altered 12.2.34	8.5.33	1933	-	-	BP-L	485	1
31230	Diagram of Pipe Connections for Air Operated Resetting Trip Cock	1½" to 1' diagram shown on outline of engine cab and wording of instructions	12.5.33	1933	-	-	BP-L	516	1
31232	Gresham & Craven ½ In Automatic Brake Valve-Sketch Showing Position of Warming Hole	Full size section	- .5.33	1933	-	-	BP-L	488	1
31234	Tank Engines Type F4, 5 & 6-Slide Valve	Full size elevations and plan of valve	23.5.33	1933	-	F4 F5 F6	BP-L	563	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31240	Union and Nipple for Draining Vacuum Exhaust Pipe	Full size details of components	- .6.33	1933	-	-	BL	465	1
31243	Apparatus to Enable Chimney Top and Chimney Choke to be Set Concentric with Blast Pipe Orifice	1½" to 1' arrangement of apparatus and 3" to 1' details of components Endorsed: one to be made to this	- .6.33	1933	-	-	BP-L	592	1
31244	Engines Fitted with Westinghouse Brake- Westinghouse Brake Fittings Adapted for Single Cone Joints	Full size details of various fittings related to the GE classes	22.6.33	1933	-	-	BP-L	591	4
31247	Engines Type B12 (Beyer, Peacock Built) and B17-Alteration to Water Scoop	Sectional elevation and sectional plan of lower part of water scoop Endorsed: altered 9.10.34	12.6.23	1923	-	B12	BP-L	544	2
31248	Arrangement of Automatic Rail-Washing Gear Engines Type	1½" to 1' arrangement shown on outline elevations and plan of engine Endorsed: altered for classes J18 and J19	- .5.34	1934	-	J17 J18 J19	BP-L	498	4
31248 Att	Modification of Arrangement of Automatic Rail- Washing Gear to Suit Engines Type J17	1½" to 1' arrangement shown on outline elevations and plan of engine Endorsed: undated alterations for classes J18 and J19	2.6.34	1934	-	J17 J18 J19	BP-L	498	2
31250	Details of Auto Rail Washing Gear	6" to 1' and full size details of various components for gear to be attached to J20 type engines My comment: gear originally applicable to J50 class Copy of Doncaster Dg No W390.N 29.2.32	17.7.33	1933	-	J20	PL	605	1
31252	Engines Type B12 5'6" Boiler-Blast Pipe (No 2) and Cab	6" to 1' sectional elevation, elevation and plan of assembly	- .6.33	1933	-	B12	BP-L	597	2
31254 Ren	Engines Type B12 with 5'6" Dia Boiler-Framing Arrangement	1½" to 1' elevations and plan of framing Endorsed: altered for engines other than No 8571-8580	23.10.23	1923	-	B12	BP-L	536	2
31254 Att	Alteration to Frame to Suit Cylinders to Dg No 29684 Engines Type B12 with 5'6" Diar	1½" to 1' elevations of section of footplating carrying cylinders	- .2.35	1935	-	B12	BP-L	536	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31255 Ren	Six wheels Coupled Tank Engines (T18 Class-Type J69)-Trailing Sand Box	6" to 1' elevation, section and plan of sandbox Endorsed: for trailing sandboxes for j67, 68, 69 type engines see Dg No 35405 11.44; original drawing No 7727 Part	- .8.33	1933	T18	J69	PL	593	2
31279	Teak Block for Key to Open Loose Panels in Corridor Partition of Electric Cooking Cars	Full size elevation and section Copy of Doncaster Dg No 9553N	26.4.33	1933	-	-	BP-M	462	1
31284	Arrangement of Vacuum Brake Pipes on Container Flats	3" to 1' details of headstock fittings Copy of Darlington Dg No 14761.D	27.5.33	1933	-	-	BP-L	554	2
31315	Disc Wheel and Axle for Carriages Journals 8" x 3¼", 6'7½" Centres	3" to 1' elevation of wheelset and full size half section of 3'7" diameter wheel and journal Endorsed: standard disc centre to Doncaster Dg No 1795.N	2.10.33	1933	-	-	BP-L	558	1
31316	Disc Wheel and Axle for Carriages-Journals 9" x 4"; 6' 7½" centres	3" to 1' elevation of wheelset and full size half section of wheel 3'7" diameter on tread Endorsed: standard disc centre to Doncaster Dg No 1795N	10.8.33	1933	-	-	BP-L	586	1
31326	GE Section Engines and Tenders-Brakework Pins Turned from the Bar	Diagram of pin with schedule of dimensions for GE class engines and tenders	23.7.34	1934	-	-	PL	594	1
31327	4-6-0 Type Engines Class B12-Oil Box for Axlebox Lubrication	Full size elevations, section and plan of oil box and schedule of components	- .7.33	1933	-	B12	BP-L	592	2
31335	Engines Types F% and F6-Alteration to Crown Stays of Boiler	3" to 1' sectional elevations of boiler showing position of stays and full size elevations and plan of stay and bolt Endorsed: altered 24.7.51	28.2.34	1934	-	F5 F6	PL-C	594	2
31337	4-6-0 Engines Type B17-Oil Tray for Bogie Axlebox	Full size sectional elevations and plan of tray and schedule of components Endorsed: for axlebox see Dg No 28765 (13290E); for new axleboxes see Dg No 31767	17.8.33	1933	-	B17	BP-L	594	1
						B12			1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31338	Diagram Showing Position of Unions in Vacuum Exhaust Drain	Arrangement shown in relation to section and elevation of smokebox with table of dimensions for classes B12, B17, N7, F5, J19 and J20	2.1./36	1936	-	B17 N7 F5 J19 J20	PL	568	
31342	4-6-0 Engines Type B12-Bogie Axle Box	Full size elevations, sections and plan of axlebox Endorsed: altered 25.1.37, 3.4.39 and 25.5.48	- .10.33	1933	-	B12	BP-L	594	2
31378	Modernisation of Restaurant Cars-Swing Gear to be Fitted on GE Type 4 Wheeled Bogies	3" and 6" to 1' details of 3 components	26.9.33	1933			BP-L	512	2
31421	8Ft 0Ins Wheelbase 4 Wheeled Carriage Bogie (Pressed Steel Frame) Solebars 1/2In Thick	3" to 1' elevations, sections and half plan of bogie Copy of Doncaster Dg No 7802N 18.6.30	14.2.34	1934	-	-	BP-L	593	2
31424	8Ft 6Ins Wheelbase Special Bogie to Carry 18 ½ Tons on Pivot	3" to 1' general arrangement with sections of carriage bogie with half plan Copy of Doncaster Dg No 7907N	22.6.34	1934	-	-	BP-L	470	1
31425	Details Required for One Carriage Bogie (Special Type) 8'6" Wheelbase 10" x 5" Journals to carry 18½" Tons on Pivot	Schedule in form of foolscap pages listing about 180 components Copy of Doncaster Dg No 7188N	12.10.50	1950	-	-	BP	578	1
31426	Bogie Auxiliary Bearing Spring Plates and Washer	Full size sections and plans of 4 types Endorsed: altered 17.4.39 Copy of Doncaster Dg No 9871.N	5.12.33	1933	-	-	BP-L	554	2
31429	Details of Automatic Rail Washing Gear-Engines Type J20	6" to 1' and full size detail of gear with schedule of components	6.33	1933	-	J20	BP-L	473	2
31429 Att	Details of Automatic Rail Washing Gear-Engines Type J20	6" to 1' and full size detail of gear with schedule of components	2.6.34	1934	-	J20	BP-L	473	2
31429 Att 2	Automatic Rail Washing Gear-Engines Type J18, 19	Schedule of components	30.7.34	1934	-	J18 J19	BP-L	473	1
31450	Arrangement of 12 Ton Container Wagon to	1½" to 1' general arrangement of 4 wheel wagon 17'6" over headstock and 9' wheelbase with channel steel frame	14.2.34	1934	-	-	BP-L	560	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
31459	Convey Meat Containers	Endorsed: meat containers types RH and M Copy of Darlington Dg No14873 27.10.33	14.2.34	1934	-	-	BP-L	500	
31460	Details of Power Brakework for 17' 6" Standard Timber Underframes Wheelbase 10' 0"	3" to 1' details of numerous components Copy of Darlington Dg No 14912D	10.3.39	1939	-	-	BP-C	548	1
31461	Arrangement of Power Brake on 17Ft 6In Wagons with 10Ft Wheelbase on Timber Underframe	1½" to 1' general arrangement of underframe Copy of Darlington Dg No 14915D 4.12.33	6.2.34	1934	-	-	BP-L	565	1
31462	Arrangement of 17' 6" Steel Underframe (Power Braked) with 10' 0" Wheelbase	1½" to 1' elevations, sections and plan of underframe Copy of Darlington Dg No 14927.D	23.11.33	1933	-	-	BP-L	552	1
31463	Proposed Alteration to Existing Brakework to Accommodate New Brake Block Dg No 13720D (9868N) (31420E)	3" to 1' outline elevation of 9'0" wheelbase wagon frame 17'6" over headstocks showing brakework	6.2.34	1934	-	-	BP-L	590-	1
31468	Draw Bar Safety Pin and Collar	Full size details Part of Darlington Dg No 11671D	-	-	-	-	BP-M	464	1
31751	Brake Hanger Carrier J27 Type Engs.	Full size elevations and plan of forged carrier, 6 per engine Endorsed: cancelled 3.34	- .4.34	1934	-	J27	BP-L	598	1
32014	Bogie Express Passenger Engines and Tenders 4-6-0 Type 3 Cylinder Class B17- Connecting Rod Inside-B17 1932 Build and B17 1934 Build	Full size elevations, sections and plan of connecting rods with schedule of components Endorsed: altered 12.6.39 and 4.7.39; superseded, see Dg No 34492 Copy of Darlington Dg No 13245D	30.12.38	1938	-	B17	PB	591	3
32708	Locomotive Head Lamp	Full size elevation, sections and plan of handlamp and interior fittings Endorsed: cancelled see Dg No 33526 Copy of Darlington Dg No 16784.C	24.10.35	1935	-	-	BP-L	538	2
33088	Steel Cross Stay and Valve Spindle Guide	6" to 1' elevation, sections and plan of guide for class J50 Endorsed: cancelled see Dg No 35847	22.9.36	1936	-	J50	BP	587	1

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
		Copy of Doncaster Dg No 60-K							
33287	0-6-2 Type Superheated Tank Locomotives Type N2-Coupling Rods	1½" to 1' elevations and plan of the rods and full size details with schedule Endorsed: cancelled see Dg No 30721 5.54 Copy of R.W. Hawthorne, Leslie Co Dg No 84	17.12.36	1936	-	N2	BP	592	2
33314	0-6-2 Type Superheated Tank Locomotives Type N2-Driving Wheels and Axles	3" to 1' elevation of wheel and wheelset and full size section of tyre Endorsed: cancelled see Dg No 38200 5.54 Copy of R&W Hawthorn, Leslie & Co Dg No 86	30.12.36	1936	-	N2	BP-L	493	2
33323	0-6-2 Type Superheater Tank Locomotives Type N2-Leading and Trailing Wheels and Axles	3" to 1' side and end elevation of 5'8" diameter wheel on tread and full section of tyre Endorsed: cancelled see Dg No 38199 5.54, applies to engine Nos 2662 to 2681 Copy of R & W Hawthorn, Leslie & Co Ltd Dg No 85	30.12.36	1936	-	N2	BP	499	1
33439	Arrangement and Details of Drive for Flaman Speed Recorder B12 Engines	1½" to 1' arrangement shown in relation to cab and 6" to 1' and full size details of 8 components Endorsed: engines not required to be fitted thus at present 12.7.37 Copy of Doncaster Dg No E.27	10.6.37	1937	-	B12		557	
34492	Connecting Rod (Inside)	Full size elevations, sections and plans of connecting rod components and 3" to 1' elevation and plan of complete assembly Endorsed: applicable to LNER classes including B17; superseded see later drawing same number 17.5.40 Copy of Doncaster Dg No S-319 19.8.38	29.6.39	1939	-	B17	BP	535	2

Shop Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
34788	Engines Type B12/3-Connection Rod Big End Cotter and Locking Device	Full size elevation and section of components Endorsed: J20 added 10.45; J19/2 added 12.45; superseded see Dg No 39003 12.54; altered 5.45 and 10.45	27.11.40	1940	-	B12/3 J19/2 J20	BP-L	592	1
35519	Standard Pipe Unions and Adapters	Full size composite plan of 12 drawings of various sets of unions and adapters Copy of Doncaster Dg Nos W-593, W593-1 to W593-11	25.1.44	1944	-	-	BP	484	2
36987	Details of Fabricated Small End Oil Box	Full size details of 3 components and ancillary fittings and table of applicable GE classes Endorsed: cancelled see Dg No 37357	4.8.49	1949	-	-	PL	494	1
37593	Axle Centre Locomotive	Full size section of centre Endorsed: superseded see 37613 Copy of Doncaster Dg No T-668	24.3.52	1952	-	-	BP	509	1
37818	Ejector Flange and Seating Class J50	Full size elevations and plan of seating Endorsed: superseded by Dg No N-1205 9.1.48 Copy of Doncaster Dg No N-939	28.2.38	1938	-	J50	BP	531	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
-	GER-Four Wheels Coupled Bogie Express Engine-General Arrangement-D15/D16	1½" to 1' sectional side elevation and plan of 4-4-0 engine	-	-	-		P	55	1
-	Diagrams of Tube Arrangements	Unscaled diagrams, viewed from firebox end for the following classes: Dia 25 classes B12, J20 Dia 27 classes D15, J17 Dia 25A classes B12, J20 Dia 28A classes D16/3 J19/2 Dia 32 classes E4, F3, J15 Dia 34, 37 and 38 classes F4, F5, F6, J65, J66, J67/1, J67/2, J69, J92 Dia 40 class Y4 Dia 46 class Y6, J70 Dia 98 classes N7/1, N7/2 Dia 99A and 100 class B12/3 Dia 101 classes N7/3, N7/4, N7/5	-	-	-		PT	55	1
-	General Arrangement Tender-Bogie Express Engines Type B12 4-6-0 with Six Wheeled Tenders	12 to 1' elevations, sections and plan of 6 wheeled tender for engine Nos 8571-8580 Copy of Beyer Peacock Dg No 2	-	1928	-	-	P	55	1
-	Graph of Weight of Tyre v Inside Diameter	Graph and diagram of tyre Copy of Darlington Dg No 12061/1 dated 27.6.29	27.6.29	1929	-	-	BP	55	1
-	Maschinenfabrik Deutschland Re-railing Device	Booklet of photographs and demonstration details and inspection of the Stratford motive power depot breakdown train on	24.7.53	1953	-	-	-	55	2
-	GER-Plan of Stratford Works	1" to 88' plan of works Copy of SDO Dg No 2913	4.22	1922			P-C	55	2
-	LNER-General Arrangement of Trolley for Six-Wheeled Carriage Bodies	1½" to 1' elevations and plan of rail mounted trolley Print dated 6.12.55 Copy of SDO Dg No 8084	6.28	1928			P	55	1
-	L&YR-Boiler made by Kitson & Co	1 ½" to 1' section through upper part of boiler and firebox Copy of Kitson & Co drawing My comment: too fragile to examine	8.2.78	1878	17	M3	TI-C	40	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
-	Self Contained Buffers	Papers on the test results on buffers, origin unknown	-	-	-	-	-	15	2
-	Improved Sluice Cock-Guest & Chrimes	3" to 1' engraving of valve Copy of Guest & Chrimes, Rotherham	-	-	-	M25	P	10	3
-	Improved Sluice Cock-Guest & Chrimes	3" to 1' engraving of valve Copy of Guest & Chrimes, Rotherham	-	-	-	M25	P	10	3
-	Envelope containing tabulated data on tests of springs for self contained buffers for new wagons		12.7.12	1912	37	-	-	15	-
-	GER - Standard tyre section	Too fragile to open Drawing dated 23.2.03						35	4
-	GER-Bogie Suburban Trains-Proposed alteration to Buffer Heads and Shanks	3" to 1' elevations of components	3.6.12	1912	37		TI	46	1
-	Indicator Diagrams from Davey's Compound Differential Pump Engine	4 indicator diagrams Copy of Hawthorn, Davis, Campbell & Davey, Leeds diagrams	No date			M23	Litho	53	1
1954	-	Subject unknown, fragments only remaining	-	-	-	-	TI-C	35	4
1963	NBR-Tube Expander	Full size details of expander Copy of NBR Dg No 516D received from NLR	-	-	7	M28	TI-C	21	4
2301	GER-Wall Engine	3" to 1' elevation and section of wall engine	31.1.67	1867	-	-	TI-C	55	1
3372	GER-Liverpool Street-Stop Cock for Lamp Hoist	Full size outline elevation and section of cock My comment: too fragile to examine	15.4.74	1874	1	K7	TI-C	43	4
3433	GER-Boiler for 417 Class Engines-Weston's Patent	1 ½" to 1' sectional elevations of boiler with an accompanying letter from E. Weston dated 22.10.74 to D.L. M. Moore and addendum from M.B. Smith and Joseph pool	16.12.74	1874	1	K17	PT-C	55	3
3618 Part	GER Locomotive, Carriage & Wagon Works, Stratford E	1" to 66' plan of works and position of 6 new buildings approved by the Board in 1874/75	No date		1	K2	PT-C	53	2
3813	7 cwt. Stamping Hammer	Dg No 1061 My comment: too fragile to examine	9.12.76		1		TI	52	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
3824	GER Stratford-Addition & Alteration to Coppersmiths' Shop	1/4" to 1' interior plan of building	28.7.76	1876	1	K4	TI-C	51	3
3856	Roof for Coppersmiths Shop	¼" to 1' elevations and sections of shop My comment: too fragile to examine	1.8.76	1876	1	K1	TI-C	8	4
3860	GER-Foundation for 36"Leg Frame	½" to 1' elevations and plan of foundation Copy of Thomas Robinson & Son, Rochdale drawing	1.76	1876	1	K40	TI-C	43	2
3861	GER-Foundation for 10 Cwt. Steam Hammer - Thwaites & Carbuth	2" to 1' elevations and plan of foundation of single standard hammer for carriage department Copy of Thwaites & Carslake drawing My comment: too fragile to examine	1.76	1876	1	K10	TI-C	43	3
3872	GER-Peterborough-Proposed Waggon Shops	1/8" to 1' plan of 80' 0" x 25' 0" carpenters and machine shop with additions Copy of Engrs Dg No 6934	21.12.75	1875	1	K3	PT-C	51	2
3913	GER-Plan of Stratford Works shewing 18" Tramway	1" to 66' plan of works showing use of buildings and existing and proposed extension to tramway	28.2.76	1876	1	K2	PT	43	2
3998 Part	GER-Part Plan of Stratford Works	1" to 66' plan of locomotive shops and printing offices Copy of Engrs Dg No 7859	No date		1	K2	PT-C	54	2
3998 Part	GER Stratford-Plan shewing Proposed Lifts for new Engine Shed	1/16" to 1' layout of track in front of running shed My comment: nature of proposal not clear	10.4.78	1878	1	K2	PT-C	44	2
3998	GER-Plan of Stratford Works	1" to 66' plan of new and old works showing present and proposed 18" tramway	4.8.76	1876	1	K2	PT-C	53	2
4001	GER Stratford Works-Proposed Alteration of Fence Adjoining Boiler Shop	1" to 20' plan of Angel Lane adjacent to Boiler Shop	31.5.76	1876	1	K4	PT-C	53	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4010	GER-Proposed Workshops for Harwich	1/8" to 1' plan and sections of building showing internal layout including a stationary boiler	28.9.76	1876	1	K9	PT-C	43	2
4083	GER Stratford Erecting Shop-Arrangement of 5 Tons Rope Power Travelling Crane	1" to 1' arrangement Copy of Thomas Gadd, Manchester Dg dated 14.2.76 My comment: Too fragile to open	14.2.76	1876	1	K12	TI-C	53	3
4095	GER-Coupling for Stationery Engine (Waggon Dept)	Full size elevation and section of coupling	28.7.76	1876	1	K13	PT-C	43	3
4110 A	Circular Saw-Greenwood & Batley	No index card My comment: too fragile to examine	22.9.76	1876	1	K10	TI-C	15	4
4110	Circular Saw	¼" to 1' elevations, sections and plan of saw Copy of Dg No 1492 or 3446 Origin of drawing unknown	Undated	-	1	K10	PT-C	51	3
4148	Foundation for Scrap Shearing Machine	¾" to 1' elevations and plan of machine Copy of Tannett, Walker & Co, Leeds Dg No 1830	27.10.76	1876	1		PT-C	54	3
4148	Alteration to Scrap Shearing Machine	¾" to 1' elevations of machine Copy of Walker, Leeds drawing	10.8.77	1877	1	K10	TI-C	8	2
4148	Foundation for Scrap Shearing Machine	¾" to 1' elevations and plan of machine Copy of Tannett, Walker & Co, Leeds Dg No 1830	27.10.76	1876	1		PT-C	54	3
4154	GER-Workshops for Harwich	¼" to 1' elevations, plan and section of wood framed building and site plan, including former 2-2-2 engine as stationary boiler	15.11.76	1876	1	K3	PT-C	44	3
4243	GER-Alteration of Vacuum Sack	3" to 1' sections of 2 castings	29.3.77	1877	1	K17	TI-C	53	3
4293	GER Stratford Carriage Department-Bracket for Shafting in Machine Shop	½ to 1' arrangement of shafting My comment: too fragile to examine	3.5.77	1877	1	K15	TI-C	44	4
4317	Proposed New Road Van Shop	1/8" to 1' plan of shop showing interior arrangement of machinery and section of roof truss My comment: very fragile	7.7.77	1877	1	K1	TI-C	35	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4326 -1	GER Stratford (Loco Dept) Molten Metal Ladle for use in Iron Foundry	¼" to 1' details of ladle My comment: Too fragile to open	No date		1		TI-C	53	3
4326	GER-Stratford Works-Arrangement of Cupolas for Iron Foundry	¾" to 1' arrangement of equipment Copy of J.B. Finney drawing dated 27.2.78 My comment: too fragile to examine	27.2.78	1878	1	-	TI-C	43	4
4338	GER Stratford-Plan showing Proposed Position of Additional Liquid Fuel Storage	No information available My comment: too fragile to examine	-	-	1	-	TI-C	44	4
4365	GER Stratford-Plan of Carriage Dept. shewing Proposed Alterations	1" to 40' plan of workshops and alterations to trackwork My comment: body and paint shop spurs c. 30' long, hence body length limit of 26'?	20.9.75	1875	1	K1	PT-C	44	2
4370	GER-New Tar Pits for Gasworks-British Patent Lighting Co	½" to 1' elevation and plan of pits and retort doors for Stratford gasworks Copy of Pintsch's Patent Lighting Co Dg	No date		1	K1	TI-C	53	3
4371	GER-Proposed New Paint Shop	1" to 16' of 2 road shop 159' 0" x 26' 0" next to tender shop and ¾" to 1' details of construction My comment: too fragile to examine	12.8	1880	1		TI-C	52	3
4373	GER Peterborough-Running Shed	1/16" to 1' plan and sectional elevation of frame of 6 road shed with dividing wall down centre	9.9.74	1874	1	K3	PT-C	54	2
4373	GER Peterborough-Running Shed	1/16" to 1' plan and sectional elevation of frame of 6 road shed with dividing wall down centre	9.9.74	1874	1	K3	PT-C	54	2
4374	GER-Cambridge Running Shed	1/16" to 1' plan and section of 4 road shed 151' 4" x 60' 0" internal and section	11.9.74	1874	1	K3	PT-C	52	3
4375	GER Norwich-Alteration in Wagon Repairing Shop	Unscaled plan of shop showing extended roof	9.12.74	1874	1	K3	PT-C	54	3
4375	GER Norwich-Alteration in Wagon Repairing Shop	Unscaled plan of shop showing extended roof	9.12.74	1874	1	K3	PT-C	54	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4376	GER Norwich Loco Works	1" to 66' plan of area from Carrow Road to goods shed and list of machines	22.12.74	1874	1	K4	TI-C	54	4
4376	GER Norwich Loco Works Stratford Works [?]	1" to 66' plan of area from Carrow Road to goods shed and list of machines	22.12.74	1874	1	K4	TI-C	54	4
4377	GER-Locomotive Yard, Norwich Thorpe	Unscaled plan of shed and workshops	15.1.75	1875	1	K4	TI	52	4
4378	GER Sketch showing Proposed Increase of Water Supply at Wood Street for Cleaning Carriages	Unscaled plan of area north of station, including engine shed, showing pipework	18.2.75	1875	1	K4	TI-C	43	3
4379	GER-Brick Lane-Proposed Viaduct on West Side of New Hoist	1" to 33' plan of Old Granary area showing position of hoist	1.3.75	1875	1	K4	PT-C	53	2
4380	GER-Loco Yard Cambridge	1" to 66' plan of west side of main line showing locomotive facilities	11.3.75	1875	1	K4	PT-C	35	2
4381	GER-City Terminus Hydraulic Engine House	1" to 4' elevation and plan of house showing position of boilers and engine bed Copy of Engrs Dg No 2715 dated 23.7.75 My note: exact position undefined	23.7.75	1875	1	K3	TI-C	54	2
4381	GER-City Terminus Hydraulic Engine House	1" to 4' elevation and plan of house showing position of boilers and engine bed Copy of Engrs Dg No 2715 dated 23.7.75 My note: exact position undefined	23.7.75	1875	1	K3	TI-C	54	2
4382	Goods Depot East Smithfield-(Arrangement of Pipes	1/8" to 1' ground floor plan of depot showing layout Copy of Sir W.G. Armstrong & Co Dg No 608 dated 31.7.75	31.7.75	1875	1	K3	TI-C	53	2
4383	GER-Liverpool Street Station-Proposed Alterations	1" to 20' layout showing alterations Copy of Engrs Dg No 7540 dated 15.2.76	15.2.76		1	K4	PT-C	54	2
4383	GER-Liverpool Street Station-Proposed Alterations	1" to 20' layout showing alterations Copy of Engrs Dg No 7540 dated 15.2.76	15.2.76		1	K4	PT-C	54	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4384	GER-Harwich	1" to 66' plan of piers and quay area Copy of Engineers Dg No 1763	-	1875	1	K4	PT-C	3	3
4384 Part	GER Proposed Siding into Workshops, Harwich	Unscaled plan showing siding, south of New Pier	-	-	1	K4	TI-C	43	2
4385	GER Wood Street Station-Arrangement of Filling Posts for Gas Train	1" to 40' plan of pair of carriage sidings and engine shed showing position of posts Endorsed: posts 35ft apart 3.4.78	27.10.77	1877	1	K4	PT-C	43	3
4386	GER Ely Junction Curve	1" to 66' track layout from South Junction to Peterborough line Copy of Engrs drawing dated 18.3.78	18.3.78	1878	1	K4	PT-C	44	1
4387	GER Lowestoft	Sketch elevation of foot bridge across yard and ½" to 1' section of bridge Unscaled sketch of shed and turn table	20.1.79 -	1879	1	K8	TP	43	3
4388	GER Woolwich Line Custom House to Silvertown-Section of Line	1" to 88' horizontal section of line and 1" to 40ft vertical scale Copy of Engrs Dg No 12175	5.8	1880	1	K4	PT	43	2
4389	GN & GE Joint Lines-Plan of Station at Pinchbeck	1" to 50' survey of station Copy of Engrs Dg No 13044 dated 14.12.80	14.12.80	1880	1	K4	PT-C	43	2
4390	GER-Wells	1" to 40' survey of station area Copy of Engrs Dg No 14834	1.4.82	1882	1	K4	PT-C	53	2
4393	GER-Parkeston	1" to 66' survey of engine shed area Endorsed: adopted plan	4.12.82	1882	1	K4	PT-C	53	2
4394	GER-Lynn	1" to 66' survey including the old station Copy of Engineer's Dg No 3759	21.12.82	1882	1	K4	PT-C	9	3
4395	GER-Peterborough Yard	1" to 66' layout of eastern end of yard Copy of Engrs Dg No 7539 dated 2.1.83	2.1.83	1883	1	K4	TI-C	52	2
4397	untitled	My comment: Too fragile to open	No date		1	K3	TI-C	52	4
4399	GER Thorpe Water Supply	1" to 66' survey showing pipe run from nearby stream, water columns and sectional views	27.2.84	1884	1	K4	PT-C	43	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of Engrs drawing scheme 1 dated 22.2.84							
4399 A	GER Thorpe Water Supply	1" to 66' survey showing pipe run from a different point on nearby stream, water columns and sectional views Copy of Engrs drawing scheme 1 dated 27.2.84	27.2.84	1884	1	K4	PT-C	43	2
4400	GER Parkeston-Water from Sea	1" to 66' plan of area at east end of quay showing pipe run from sea to engine shed Copy of Engrs Dg No 18032 dated 29.8.84	29.8.84	1884	1	K4	PT-C	44	2
4401	GER Norwich Thorpe Station	1" to 33' layout of area from Hardy Road to platform ends Extract from Engrs drawing	12.84	1884	1	K4	PT-C	43	2
4404	GER Accident Van Siding, Norwich	1" to 33' plan of shed area showing position of short siding	-	-	1	K4	PT-C	43	2
4407	GER Plan of Wood Street Station for Gas Trains showing Filling Posts	No details available My comment: too fragile to examine	-	-	1	K4	TI-C	43	4
4408	GER Parkeston Quay-Proposed Engine Shed and Sidings	1" to 66' plan of 3 road shed and engine turntable west of station Endorsed: not adopted	-	-	1	K4	PT-C	43	2
4409	GER Coal Tip	1 ½" to 1' elevation and plan of mechanism used to tip coal from tubs into tenders and bunkers	-	-	1	K9	PT-c	43	2
4410	GER Plan of Wagon Shop at Ipswich	1/8" to 1' plan of wagon shops My comment: too fragile to examine	-	-	1	K3	TI-C	43	4
4411	GER Loco Dept-Plate Planing Machine	1" to 1' elevations of machine Copy of W.W. Hulse, Manchester drawing dated 11.9.68	11.9.68	1868	1	K10	TI-C	43	3
4412	GER Stratford Machine Shop Planing Machine	½" to 1' details of self acting machine Copy of W.W. Halse drawing dated 11.6.68 My comment: too fragile to examine	11.6.68	1868	1	K10	TI-C	43	4
		Full size sections of chuck							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4414	Patent Self Adjusting Chuck	Copy of Smith & Coventry, Manchester Dg	24.12.74	1874	1	K10	PT-C	53	2
4416		My comment: Too fragile to open	No date		1	K10	TI-C	52	4
4418		My comment: Too fragile to open	No date		1	K10		52	
4419	GER Stratford Carriage Dept-Arrangement of two Self Acting Steam Hammers Copy of Thwaites & Carbutt Dg dated 21.10.75	1 ½" to 1' elevations and plan of hammers Copy of Thwaites & Carbutt Dg dated 21.10.75 My comment: Too fragile to open	21.10.75	1875	1	F9	TI-C	52	4
4420	GER Stratford Loco Dept-12" Shaping Machine	3" to 1' arrangement of machine Copy of A. Muir, Manchester drawing dated 25.10.75 My comment: too fragile to examine	25.10.75	1875	1	K10	TI-C	43	4
4421	18 Inch Band Saws for Wagon Sheds	1 ½" to 1' elevation of band saw Copy of Powis, James Western & Co Lambeth drawing	21.12.75	1875	1	K10	TI-C	35	4
4423	Wall Radial Machine with 2" Spindles	1" to 1' elevations and plan of machine	15.11.175	1875	1	K10	TI-C	51	4
4424	Self Acting Radial Drill	½" to 1' elevations and plan of drill Copy of John Hetherington & Son, Manchester drawing	9.12.75	1875	1	K10	TI-C	36	4
4425	GER Stratford Loco Dept-Machine for Making Circular Cutters	6" to 1' details of machine Copy of Cravens drawing dated 16.12.76 My comment: too fragile to examine	16.12.76	1876	1	K10	TI-C	43	4
4427	Lathe for Turning & Boring Wheel Centres	1 ½" to 1' elevation, section and plan of lathe Copy of William Collier, Salford Dg dated 31.12.75	31.12.75	1875	1	K10	TI	51	3
4428	Axle Centering & Straightening Machine	1 ½" to 1' elevations of machine and shafting Copy of W. Colier & Co, Salford Dg	31.12.75	1875	1	K10	TI-C	54	3
4428	Axle Centering & Straightening Machine	1 ½" to 1' elevations of machine and shafting Copy of W. Colier & Co, Salford Dg	31.12.75	1875	1	K10	TI-C	54	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4429	-	Subject unknown, fragments only remaining	12.75	1875			TI-C	35	4
4430	GER Stratford Loco Dept-Machine for Centering Locomotive Crank Axles	3" to 1' details of machine Copy of Collier & Co drawing dated 15.2.76 My comment: too fragile to examine	15.2.76	1876	1	K10	TI-C	43	4
4431	GER Stratford-Radial Arm Drilling machine	1 ½ to 1' arrangement of crane Copy of Craven Bros Dg dated 19.4.76 My comment: Too fragile to open	19.4.76	1876	1	K10	PT-C	53	3
4432	GER Stratford Boiler Shop-Plate Bending Machine	3" to 1' details of machine Copy of Craven Bros drawing dated 28.8.76	28.8.76	1876	1	K10	TI-C	43	2
4434	Machine for Reboring Cylinders in their Places	3" to 1' elevation and plan of machine Copy of Sharp, Stweart & Co Manchester drawing	3.4.76	1876	1	K10	TI-C	44	3
4435	GER Liverpool Street-Hydraulic Pipes and Joints	3" to 1' details of joints for 2" and 3" diameter pipes My comment: too fragile to examine	3.11.76	1876	1	K7	TI-C	43	4
4436	Self Acting Patent Saw Bench	1 ½" to 1' elevation and plan of saw bench Copy of A. Ransome & Co, Engineers, London Dg No 3143	8.12.76	1876	1	K10	TI-C	35	4
4437	GER Locomotive Department-Table for Radial Drilling Machine	1" to 1' elevations and plan Copy of Craven Bros drawing My comment: too fragile to examine	4.1.77	1877	1	K10	TI-C	35	4
4438	Teeth for Circular Saws	Full size details of pitch of teeth Copied from sketch received from Mr Crosbie 24.1.77	24.1.77		1	K10	PT	51	4
4439		My comment: too fragile to examine	-	-	1	K10	TI-C	44	4
4440	Tracing of Pivoted Adjustable Suspension Hangers for Shafting	3" to 1' elevations and sections of hangers for shafting Copy of Richards, London & Kelly, Philadelphia Dg Endorsed: No 12169 in pencil	10.3.77	1877	1		TI	52	3
4440	Tracing of Pivoted Adjustable Suspension	3" to 1' elevations of cast iron hangers to carry shapting	10.3.77	1877	1	K12	TI	52	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4440	Hangers	Copy of Richards, London & Kelley, Philadelphia Dg	10.3.77	1877	1	K15	TI	35	3
4441	Single Copying Lathe	1 ½" to 1' elevation and plan of lathe Copy of A. Ransome & Co, Engineers, London Dg No 3423 Endorsed: Ordered	4.77	1877	1	K10	TI-C	35	4
4442	GER Stratford Loco Dept-13" Stroke Slotting Machine	1 ½" to 1' details of machine My comment: too fragile to examine	9.4.77	1877	1	K10	TI-C	43	4
4443	Tweddles Patent Portable Hydraulic Rivetter	My comment: too fragile to examine	No date		1	K10	TI-C	52	4
4445	Cranes for Veeing Hammer	1" to 1' arrangement of wall mounted crane and 6" to 1' details of components Copy of Kitson & Co drawing	4.7.78	1878	1	K12	PT-C	43	2
4448 Part	Milling Machine for Loco Coupling Rods	1½" to 1' end elevation of cutter Copy of Hetherington & Co, Ancoats Drawing	16.8.82	1882	2	K10	BP	32	2
4448	Milling Machine for Loco Coupling Rods	1½" to 1' undimensioned elevations of machine Endorsed: accepted 16.8.82 TTW Copy of John Hetherington & Son, Manchester drawing My comment: too fragile to examine	10.7.82	1882	2	K10	BP	46	4
4450	Accumulator for Tweddell's Hydraulic Machinery	1½" to 1' elevation and plan of accumulator Copy of Hydraulic Machine Tools Tweddle's System Dg No 6580 dated 9.3.86	9.3.86	1886	2	K10	TI-C	46	3
4451	Band Saw	3" to 1' elevations of saw Copy of Thos Robinson & Son, Rochdale drawing	No date	-	2	K10	PT-C	32	2
4452	Screw Cutting Lathe (?)	My comment: fragment only, too fragile to examine	No date	-	2	K10	TI	31	4
		3" to 1' elevations of timber and stone base for hammer							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4453	Base for Self Acting Steam Hammer Foundation	Copy of Thwaites & Carbutt, Bradford drawing Endorsed: Mr Dykes, I think we had better have 2 layers of wood and one of concrete. M. Bromley.	No date	-	2	K10	TI-C	32	4
4454	Automatic Table for Punching Machine	1½" to 1' elevations of machine Copy of Shepherd Hill & Co, Leeds drawing	No date	-	2	K10	TI	32	4
4455	Radial Drilling Machine	1½" to 1' elevation and plan of machine Copy of Smith, Beacock & Tannett, Leeds drawing	No date	-	2	K10	TI	32	4
4456	Machine for Boring Brasses, etc	1½" to 1' elevations of machine	No date	-	2	K10	TI	32	4
4457	Travelling crane to lift 3 tons	My comment: fragment only, too fragile to examine	No date	-	2	K12	TI	31	4
4457	Travelling Crane to Lift Two Tons	1" to 1' elevations of overhead crane Copy of Smith, Beacock & Tannett, Leeds drawing	No date	-	-	K12	TI	32	4
4458	Alterration in Position of Pump for Twist Drill Grinding Machine	3" to 1' elevations and section of pump Copy of Thomas, Stearne & Co, Glasgow Dg No 973	No date	-	2	K10	TI	32	4
4459	Alteration in Position of Pump for the Universal Tool Grinding Machine	3" to 1' undimensioned elevations of machine Copy of Thomson, Serne & Co, Glasgow Dg No 895	-	-	2	K10	TI-C	46	3
4460	Kennedy's Patent Spiral Punches (Boiler Shop)	Full size elevations of 13 punches diameter ¼" to 1" Copy of Thomas, Stearne & Co, Glasgow Dg No 1823	No date	-	2	K10	TI-C	32	4
4461	9" Slotting Machine	1½" to 1' elevations of machine Copy of A. Muir & Co, Manchester drawing	No date	-	2	K10	TI	32	4
4462	Slide Rest for No.3 Tool Grinder	3" to 1' elevations of rest Copy of Thomas, Stearne & Co, Glasgow drawing	-/78	1878	2	K10	BP	32	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4602	ECR-Door for the Coke Ovens at Lowestoft	2" to 1' elevations and section of door My comment: very fragile	18.8.54	1854	2	K10	TI-C	12	4
4602	ECR-Door for the Coke Ovens at Lowestoft	1" to 2' elevations and plan of doors My comment: drawing signed by F.H. Trevithick and W. Tijou	18.8.54	1854	2	K11	TI-C	32	4
4603	ECR-Lowestoft Coke Ovens-Flue Doors and Frame for Chimney	6" to 1' elevation and plan of doors	7.6.54	1854	2	K11	TI-C	32	4
4605	ECR-New Coke Ovens, Lowestoft	1" to 4' plan of existing two ovens and position for two additional on land owned by ECR Copy of Harbour Works drawing	2.8.54	1854	2	K4	TI-C	32	4
4606	Foundation for Baulk Mill	¼" to 1' elevations and plan of foundations showing position of machinery Copy of W. M. Parson Dg dated 5.53	- .5.53	1853	2	K10	TI-C	29	3
4606	Foundation for Baulk Mill	¼" to 1' elevations and plan of foundations showing position of machinery Copy of W. M. Parson Dg dated 5.53	- .5.53	1853	2	K10	OI-C	29	3
4606	ECR-Ground Plan of Foundation of Baulk Mill in Carriage Dept.	¾" to 1' plan of timbering	16.5.53	1853	2	K10	TI	32	4
4607	GER-Cross Section of Carriage Department Traverser Pit showing Proposed Alteration	½" to 1' section of 21' long traverser	24.9.75	1875	2	K12	TI-C	46	2
4608	Self Acting Table attached to Punching Machine for Automatic Punching	No index card for details My comment: too fragile to examine	-	-	2	K10	TI-C	12	4
4611	Arrangement of Boiler and Pumping Engine for Whittlesford	1" to 1' outline elevation and plan of foundation for locomotive type boiler and	No date		2	K6	PT-C	50	2
4618	Reversible Tramway Car	1" to 1' elevations and plan of 13' 6" 4 wheel horse drawn reversible tramcar for running on standard gauge Copy of Ashbury Dg No 9639 My comment: very fragile deserving of conservation	-	-	2	M7	TI-C	32	4
4628	L&YR-First Class Carriage	1" to 1' general arrangement of 27' 5" 4 wheel 4 compartment carriage	12.12.78	1878	2	M7	BP	43	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of L&Y Dg No 331 dated 12.12.78							
4633	GWR-First Class Compartment shewing inside Finishing and Trimming	Isometric coloured sketch describing materials used	3.7.78	1878	2	-	TI-C	32	4
4660	Proposed Coal Stage, Bishops Stortford	Sketch of stage	22.2.78	1878	2	K3	TI-C	12	3
4707	Loco Firebox with Brick Arch	No index card for details My comment: too fragile to examine	No date		2	M3	TI-C	12	3
4735	Spring Testing Machine	No information Copy of Craven Bros drawing My comment: too fragile to examine	14.7.77	1877		K10	TI-C	46	4
4803	7 Feet Wheel Lathe altered to admit 7' 6" Wheel	1" to 1' elevation and plan of lathe Copy of Smith Beacock & Tennett Dg		1878	2	K10	TI-C	50	2
4808	GER-Alexandra Park Branch Palace Gates-Wood Green Station-Loco & Carriage Sidings showing Pintsch's Gas Standard and Water for Washing Carriages	1" to 33' plan of yard and engine shed area and position of siding for travelling gas reservoirs	15.11.78	1878	2	K4	PT-C	32	2
4894	GER-Feed Pump for Stationary Engine-Wheel Shop	6" to 1' elevation, sections and plan of pump My comment: drawn by E. English	2.7.91	1891	2		PT-C	39	1
4930	28ft 5 Compartment Carriage arranged for Sleeping	¾" to 1' interior plan of 28'0" 6 compartment carriage arranged for conversion into sleeping accommodation Endorsed: patent sleeping carriage My comment: origin unknown	No date	-	2	M7	TI-C	31	3
4938	GER-Crane for New Tender Shop	1" to 8' elevation of overhead crane	17.3.79	1879			P		2
	GER-Crane for New Tender Shop	1" to 8' elevation of overhead crane with dimensions added by Sampson, Moore & Co, Liverpool	17.3.79	1879	2	K12	TI	32	3
4946	LNWR-Standard Family Carriage with Sleeping Accommodation	¾" to 1' elevations and plan of 32' 0" carriage	10.10.81	1881	2	M7	TI-C	32	4
		Full size elevation and plan of Type 10B brake block							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
4951	Standard Carriage Brake Block	Endorsed: red lines show position and size of holes in block rec'd from Messrs. Head, Wrightson & Co Ltd	- .8.08	1908	2	-	P	29	3
4965	GER-Details of Westinghouse Brake on 3 rd Class Carriages	Full size details of components Copy of Westinghouse Continuous Brake Co drawing Altered by G.W. Simmonds 31.5.1879	22.4.79	1879	2	M24	PT-C	32	1
5003	Additional Chasing Lathe for Combined Machines	1½" to 1' elevations of machine Copy of Craven Bros Dg No 3494 dated 21.5.79 Endorsed: redrawn and alterations made traced and sent to Cravens 13.6.79 (initialled by O'Neale Neal)	21.5.79	1879	2	K10	TI	29	2
5042	Hydraulic Valve	Full size elevations and sections of valve My comment: too fragile to examine	28.7.79	1879	2	-	TI-C	12	3
5172	No 4 Tool Grinder for Sharpening Edge Tools	3" to 1' elevations of grinder Copy of Thomson, Sterne & Co Dg No 1119, cost £2510 complete	No date	-	2	K10	TI-C	32	4
5186	Coal Stage Stratford-Locomotive Department	1/8" to 1' plan and elevation of 202ft long stage Endorsed: for arrangement of tip see Dg No 4699		1879	2	K1	TI-C	50	2
5190	12" Shaping Machine with Internal and External Circular Motion	1 ½" to 1' elevations of machine and overhead shafting Copy of A. Muir & Co., Manchester Dg	6.11.77	1877	2	K10	TI-C	54	3
5191	New and Improved 12 Inch Stroke Shaping Machine 122 stroke shaping machine, Andrew Muir & Co., Manchester	1 ½" to 1' elevations of machine end belt drive Copy of Andrew Muir & Co., Albion Works, Strangeways, Manchester Dg	6.11.77	1877	2	K10	TI-C	50	2
5223	Punching & Shearing Machine to Punch Holes ¾" dia and Shear ⅝" Plate 5" Wide	1½ to 1' undimensioned elevations and plan of machine Copy of John Hetherington & Son, Manchester drawing	30.10.78	1878	2	K10	TI-C	46	3
5262	Nut Turning Lathe Machine Shop	1½" to 1' elevation and plan of lathe, cost £70		1875	2	K10	TI	29	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
5262	Lathe Turning Lathe-Machine Shop	Copy of Smith, Beacock & Tannett, Leeds Dg undated	-	1875	2	K10	TI	29	2
5276	Improved Double Geared Drilling Machine	1 ½" to 1' elevations of machine Copy of Andrew Muir & Co Dg	No date		2	K10	TI-C	50	3
5277	Quartering Machine-Milling Keyways	1½" to 1' elevation and plan of machine Copy of Smith, Beacock & Sons drawing	-	-	2	K10	PT-C	29	3
5278 A	Plate Edge Planing Machine-Proposed Alteration of Driving Gear	1½" to 1' elevations of gear Copy of Wm Holdsworth Self Acting Tools, Leeds New Foundry drawing	No date	-	2	K10	TI	32	3
5278	Plate Edge Planing Machine	1 ½" to 1' elevations and sections of machine Copy of Wm Holdsworth, Leeds New Foundry Dg	No date		2	K10	TI-C	50	1
5279	GER-Lathe Tools	Full size elevations and plans of 5 tools	No date	-	2	K10	TI	31	2
5280	Loose Headstock	3" to 1' sections and elevation of headstock Copy of Fairburn, Kennedy & Naylor, Leeds Dg	No date		2	K10	TI-C	50	2
5281	GER Loco Dept-Spindle of Twist Drill Grinding Machine	My comment: too fragile to examine	No date	-	2	K10	TI	31	4
5282	Templates for Rope Pulleys-Wheel Shop Crane	Full size profiles of 3 pulleys	No date		2	K13	TI	54	3
5283	10 Ton Double Purchase Crab	3" to 1' elevations of crab	No date	-	2	K12	TI	32	4
5284	Bar Cutter	3" to 1' elevations of cutter Copy of Shepherd, Hill & Co, Leeds drawing	No date	-	2	K10	TI	32	4
5285	Handyside Patent Universal Tool Grinding Machine (Sterne & Co.)	3" to 1' front and end elevation of machine Copy of Stearne & Co Dg No 819	No date	-	2	K10	BP	32	4
5286	Ball & Socket Wall & Column Bracket -	Full size elevations and sections of bracket	No date		2	K12	PT-C	54	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
5286	Thomson Stern & Co.	Copy of Thomson Stern & Co Dg No 1202	No date		2	K13	PT-C	34	3
5287	Ball & Socket Hangers & Double Cone Couplings	Full size elevations, sections and plans of machine Thomson, Sterne & Co, Glasgow Dg 1201	-	-	2	K13		29	
5308	Planing Machine for Locomotive Connecting Rods	1½" to 1' elevations and plans of machine Copy of Craven Bros Dg No 4827 My comment: too fragile to examine	-	-	2	K10	BP	12	3
5309	Thwaites' Improved "1884 Pattern" of Blower No.3 Arranged to Blow out at the Bottom	1½" to 1' elevations and plan of blower Copy of Thwaites' Brothers, Bradford Lithograph No 2391	-	1884	2	K10	Litho	5	3
5310	Crank Axle Grooving Machine-Craven Brothers, Vauxhall Iron Works, Manchester	No index card for details Copy of Craven's Drawing My comment: too fragile to examine	-	-	2	-	TI-C	12	3
5311	Slotting Machine for Radial Axleboxes	1½" to 1' elevations and plan of machine Copy of Craven Bros Dg No 4462 undated	-	-	2	K10	BP	29	3
5313	GER-Alteration in Iron Foundry & Details of Girders for Carrying Roof	1/8" to 1' elevations of interior wall of foundry and 3" to 1' details of cast iron components	8.9.83	1883	2	K1	PT-C	31	2
5317	GER Brick Lane Station-Arrangement of Flue Pipes , etc	¼" to 1' sections and plans of boilers and accumulators to serve New Hoist and chimney Copy of Sir W.G. Armstrong & Co Dg No 609	31.7.75	1875	2	K3	TI-C	50	3
5332	Plan of Foundation for Vowel A10 Washing Machine	1 ½" to 1' plan of foundation Copy of Thomas Bradford Dg No 0703 My comment: too fragile to examine	No date		2	K10	TI-C	50	4
5371	Wheel for Station Barrows	3 to 1' elevation and section of solid 10" wheel	No date	-	2	K9	TI	32	4
5466	Class D Steel Tyres for Gauge No –	Full size section of tyres with dimensions							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
0 5466 -16	Class D Steel Tyres for Gauge No -	Full size section of tyres with dimensions	20.11.26	1926	2	-	P	31	2
5466 -24	LNER-Class C Steel Tyre	Full size section of tyre	5.26	1926	2		P	40	2
5494	Parkeston Quay Boiler House	1/8" to 1' plan and section of boiler house	24.8.80	1880	2	K3	TI-C	32	4
5517	The Hydraulic Continuous Brake (E.D. Barker's Patent)	Full size elevations, section and plan of brake column (engine) 4" piston Copy of Barker, Harris & Co Dg No 7	27.9.78	1878	2	K17	PT-C	40	2
5532	GER-Arrangement of Filling Posts for Gas Trains-Stratford Station	1" to 40ft plan showing a siding in the Old Yard equipped with 32 posts, 35ft apart adjacent to the old Cambridge main line	24.7.80		2	K2	PT-C	54	2
5543	GER-Alterations to Capstans and Dummies at Goodman's Yard-Amended Plan	1" to 1' plan of interior of ground level (?) showing siding accommodation and turntable	23.8.80	1880	2	K3	PT-C	31	2
5543 -1	Goodman's Yard, Minorities-Plan shewing Proposed Extension to Accommodation	Unscaled plan of GNR accommodation fronting Mint Street and vacant arch Copy of Land Agents Dg No 3169	6.2.83	1883	2	-	PT-C	32	2
5585	GER-Plan of proposed new engine sheds, offices & bridge	1" to 66' plan of area south of High Meads loop Copy of Engineers plan No 13075	5.12.80	1880	2	K2	PB	31	2
5610	Proposed Rooms for Ticket Printers	1" to 8' plan of 2 floor office next to stationary store, Stratford Copy of Engineers Dg No 8718	11.3.81	1881	2	K1	PT-C	32	2
5640	GER Stratford Works General Stores-Alterations and Additions to	¼" to 1' plan of stores My comment: too fragile to examine	11.5.81	1881	2	-	TI-C	12	3
5684	GER Plan of Stratford Station	1" to 66' plan of whole of Works area	19.11.74	1874	2	-	PT-C	43	2
5744	GER-Proposed Alteration to Morley's Sheet Lifter	1 ½" to 1' part section of 2' 2" deep round ended open showing arrangement of sheet rail My comment: signed by Gardner, Gillies and Craig	30.11.81	1881	2		TI-C	51	2
5877	GER-Fenchurch Street-Re-arrangement of	My comment: too fragile to examine	14.12.81	1881	2	K4	DR	21	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
5877	water column tank etc.	Copy of Engineers plan No 14447	14.12.81	1881	2	K4	PD	31	4
5888 Part	GER-Stratford Station	1/792 plan of locomotive, carriage and wagon shops, running sheds and tram lines My comment: no names or annotations Endorsed: made for Iron & Trades Institute	19.11.74	1874	2	K2	PT-C	54	2
5929	GER-Design for Yeast Van	¾" to 1' elevation and plan of 16'0" van with louvers on upper part of body and external cross bracing on lower	20.1.82	1882	2	-	TI-C	19	3
5929	Design for Yeast Van	¾" to 1' elevation and plan of 16'0" van with louvers on upper part of body and external cross bracing on lower	20.1.82	1882	2	-	TI-C	19	3
5939	Combined Drovers, Mail and Brake Van No 2 Design	¾" to 1' elevation and plan of 16' outside framed van with 3 rd class compartment for 10 drovers, mail compartment and open veranda My comment: very fragile and incomplete	18.1.82	1882	2	K4	TI-C	31	4
5940	Combined Drovers, Mail & Brake Van No.1 Design	¾" to 1' elevation and plan of 16' outside framed van with 3 rd class compartment for 10 drovers, mail compartment and open veranda Endorsed: approved TW	18.1.82	1882	2	K4	TI-C	31	4
5941-1	35 Tons Steam Brakedown Crane-Draw Hook	Full size elevation and plan of hook and part drawing of hook	- .2.14	1914	3	-	P-C	10	3
5941 Part	35 Tons Steam Brakedown Crane-Draw Hook Order No 7478	Full size elevation and plan of hook and part drawing of hook Copy of Ransomes & Rapier drawing traced from GER Dg 5941-1 dated 23.4.14	23.4.14	1914		-	BP	10	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
6098	GER Doncaster-Plan shewing GNR and Lands the Property of Doncaster Corporation	1" to 66' land ownership plan of large area south of Doncaster station	9.6.83	1883	3	K4	PT-C	41	2
6105	GNR Doncaster Carr-Proposed Additional Sidings, etc- Proposed additional sidings at Doncaster	1" to 3 chains plan of additional sidings south of station and engine shed defining LNWR and GER engine road and proposed site for GER shed Copy of GNR Dg No 3034	27.7.82	1882	3	K4	PT-C	32	3
6105 Part	GNR Doncaster	1" to 200' plan showing land east of shed on which shed was built Copy of GNR drawing	15.5.88	1888	3	-	PT-C		3
6106	GER-Yarmouth Vauxhall-Water Crane	1" to 44' plan of position at platform end Copy of Engineer's Dg No 17605	31.3.84	1884	3	K4	PT	10	4
6221	GER Beccles Station	1" to 66' plan of station accommodation north of branch platform Copy of Engineers Dg No 14916	4.5.82	1882	3	K4	PT-C	34	1
6222 Part	GER Beccles	1" to 66' plan of station area Copy of Engineers Dg No 10609	8.12.82	1882	3	K4	PT-C	34	1
6222 Part	GER-Beccles	1" to 60' plan of station area showing turntable and engine shed opposite the goods shed Copy of Engrs Dg No 3326	5.4.82	1882	3	K4	PT-C	39	1
6225	GER- Stratford-Proposed New Carriage Department 1883	1" to 88' plan of proposed carriage department My comment: too fragile to examine	18.6.83	1883	3	K2	TI-C	10	4
6240	GER-Diagram of Proposed Guard Timbers on Thorpe Viaduct	Full size section of timbers	24.5.88	1888	3	K4	TI-C	10	4
6241	Double Horizontal Cylinder Boring Machine	1½" to 1' elevations of machine Copy of Smith, Beacock & Tannett, Victoria Foundry, Leeds drawing	11.10.83	1883	21	-	PT	10	2
6242	GER-Doncaster-Proposed Ground for Loco Purposes	1" to 66' plan of area adjoining GNR shed and additional paper tracing My comment: too fragile to examine	31.8.82	1882			TI-C		
6242					-	K4		10	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
6242	GER-Doncaster-Proposed Engine Shed	1" to 66' plan of area adjoining GNR shed My comment: too fragile to examine	24.5.88	1888		K4	PT-C	10	4
6247	Clacton on Sea Rly, Thorpe Viaduct- Clearance of Brake Gear and Brakework on	Full size section of bridge timber My comment: too fragile to examine	No date		3	K3	PB	54	4
6247	GER Thorpe (Clacton on Sea)	Sketch of guard timbers on the viaduct showing clearance of axleguards of saloon carriage	5.2.82	1882	3	K3	PB	32	4
6264	Section of Hadfield's Steel Bogie Wheels ...	My comment: too fragile to examine	-	1882	3	K17	TI-C	39	4
6265 Part	Water Column	½" to 1' elevation and section of tapered cast iron water column casting Endorsed: Copy to Abel & Co My comment: for tendering?	10.12	1912	3	-	P-C	32	4
6302	GN & GE Joint Lines-Proposed Sidings at March	1" to 50' revised layout at a resited Whitemoor Junction box and sidings west of Spalding line Copy of Engineers Dg No 15629	2.2.83	1883	3	K4	PT-C	32	2
6402	GER-Forging Furnace	½" to 1' elevations, sections and plan of gas forging machine Copy of Alfred Wilson, Manchester Dg dated 13.12.82	13.3.83	1883	3	K11	TI-C	54	2
6402	GER-Forging Furnace	½" to 1' elevations, sections and plan of gas forging machine Copy of Alfred Wilson, Manchester Dg dated 13.12.82	13.3.83	1883	3	K11	TI-C	54	2
6412	Details of Castings for Gas Forge Furnace (Wilson's) (Old)	1 ½" to 1' elevations and plans of castings and fittings for gas forge furnace Copy of G. Wilson & Co Dg No 1433 dated 26.4.83	26.4.83	1883	3	K11	PT-C	51	1
6413	Details of Ironwork for Gas Forge Furnace	1" to 1' elevations of ironwork Copy of Alfred Wilson Dg No 1434 dated 13.12.82	26.4.83	1883	3	K11	PT-C	10	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
6414	15 and 18 Inch Reversing Valves	3" to 1' elevations, sections and plans of valves for gas forge furnace Copy of Alf Wilson Dg No 1432	26.4.83	1883	3	K11	PT-C	34	2
6712	GER Enfield Station-Arrangement of Filling Posts for Gas Train	1" to 33' layout of station area and gas holder siding Copy of Engineer's Dg No 8834	27.10.77	1877	3	K4	PT-C	10	2
6712 Part	GER Enfield-Siding for Gas Holder	1" to 44' plan of short siding for travelling reservoir Endorsed: formerly Dg No 9268	10.4.78	1878	3	K4	PT-C	32	3
6712	GER Enfield Signals	1" to 44' plan of station area showing details of signalling Endorsed: Work ordered and plan sent to inspector 11.77 Endorsed: formerly Dg No 9167	9.4.78	1878	3	K4	PT-C	32	2
6714 -1 Part	GER Loughton-Proposed Main for Carriage Washing	1" to 66' plan of station and goods yard area Copy of Engineer's Dg No 588 dated 7.9.85	16.9.85	1885	3	K4	PT-C	10	2
6714	GER Loughton Plan of Station showing position of proposed pipes and cocks in carriage sidings	1" to 66' plan of station and goods yard My comment: too fragile to examine	19.11.84	1884	3	K4	CI-C	39	4
6717	GER Foulsham-Proposed Pump House & Engine Shed	1" to 40' plan of station and yard	9.6.84	1884	3	K4	PB	32	4
6726	GER-Stratford Wheelshop-3 Cone Pulley for Shafting	3" to 1' details My comment: too fragile to examine	25.9.83	1883	3	K13	TI-C	10	4
6758	Sketch of Boiler for Pumping Purposes at Outstations	1" to 1' comparison between present and proposed boiler for pumping engines, etc.	20.12.83	1883	3	K6	TI-C	51	4
6764	GER Carriage Department-Anvil Block for No 3 Steam Hammer	3" to 1' details My comment: too fragile to examine	3.1.84	1884	3	K10	TI-C	34	4
6814 Part	Thorpe Station, Clacton-on-Sea Railway-Water Supply	1" to 40' plan showing position of pumping station and pie line to brook My comment: too fragile to examine	15.3.84	1884	3	K4	TI-C	51	4
6840	Plan of Pipes for Water Crane in Stratford Yard, Cambridge Side	¾" to 1' plan and letter dated 22.11.84 to Worsdell regarding accident to driver	5.5.84	1884	3	K2	TI-C	35	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
6845	GER-Proposed Mail Van	1" to 1' elevation and interior plan of 6 wheel 31ft 6in clerestory roofed carriage No 9 with off set corridor connections.	5.5.84	1884	3		TI-C	35	3
6859	GER-Filter Beds at Stratford (Low Level)	½" to 1' arrangement of filter beds near Low Level, Fork Junction My comment: too fragile to examine	9.6.84	1884	3	-	TI-C	10	4
6866	Arrangement of Handrails and Details for Tramcars	1½" and 3" to 1' details of components including drop plates between cars Endorsed: cancelled	27.6.84	1884	3	-	PT-C	29	3
6867	GER-Standard Draw-hook & Coupling on Round Ended Goods Truck Gedge's Patent Draw-hook & Coupling	3" to 1' elevations and plans of coupling	7.7.84	1884	3	-	P	10	2
6889	GER-Main Line 3 rd Class Carriages	Three outline elevations and interior plans of carriages entitled: 1. Present 3 rd class carriage with 5 compartments 27' 4 wheels 2. Proposed 3 rd class carriage with 6 compartments 34' 6" 6 wheels 3. Proposed 3 rd class carriage with 7 compartments 37' 7" 6 wheels Endorsed: this to be the standard of new 3rds signed Birt 2.8.84 My comment: proposals 2 and 3 both have a 21' wheelbase	8.8.84	1884	3	-	PT-C	10	2
6896	Arrangement of Traverser for Norwich	1/8" to 1' arrangement My comment: too fragile to examine	26.9.84	1884	3	K12	PB	39	4
6898	GER-Plan of Norwich shops	1" to 132' plan of shed, fitting shop and paint shop area, alterations and additions shown in red My comment: provision of traverse and 25ft turntable to order D&P1169	30.9.84	1884	3	K4	TI-C	54	3
6931	GER-Lime Truck-Sketch	1" to 1' outline elevations and plan of peak roofed lime wagon My comment: too fragile to examine	6.12.84	1884	3	-	TI-C	10	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
6960	GER-Royal Mail Van	1" to 1' interior elevations of van 33' 5" inside	1.4.92	1892	3		TI-C	54	3
6960	Royal Mail Van	1" to 1' interior elevations of van 33' 5" inside	1.4.92	1892	3		TI-C	54	3
7012	GER-Cast Iron Block sent from Marks Tey 8 August 1885	3" to 1' elevations and plan of block weighing 1cwt 1qtr My comment: assumed found at trackside	14.8.85	1885	3	J10	PT	10	2
7048	Colne Valley Railway-Loading & Construction Gauge	2' to 1" section of gauge Copy of CVR drawing dated 10.09	2.11.09	1909	33	-	PT	20	1
7081	GWR-30 Tons Bogie Boiler Carrying Wagon	1½" to 1' general arrangement of wagon Endorsed: for GWR original see Dg No 7081-1 "as arranged for GER"; for details see Dg No 7081; not carried out My comment: too fragile to examine	20.1.86	1886	3	-	TI-C	10	4
7101	GER-Plan of Proposed Wood Stores	1/16" to 1' plan and elevations of covered stores and section of building Endorsed: see Dg No 7157 of work as carried out	1.3.86	1886	3	K1	PT-C	39	2
7189	GER-New Engine Shed Stratford	1" to 1' elevation and sectional plan of 6 road shed	3.5.86	1886	3	K1	PT-C	10	2
7191	GER-New Engine Shed Stratford-Elevation of Doors	½" to 1' elevation and sectional plan of doors	12.5.86	1886	3	K1	PT-C	10	2
7192	GER-Stratford-Sections of Skylight, Smoke Troughs, etc for New Engine Shed	3" to 1' details of construction and full size sections	14.5.86	1886	-	-	PT-C	10	2
7193	GER-Trussed Beam for New Engine Shed Stratford	¾" to 1' elevations and plan of beam	29.10.88	1888	3	K1	PT-C	10	2
7194	GER Stratford works-Wall Bracket for New Engine Shed	1 ½" and 3" to 1' elevations and plans of brackets	18.10.88	1888	3	K13	PT-C	35	2
7278	GER-Plan shewing position of water crane at end of down Loughton platform at Stratford	1" to 20' plan of platform and outline section showing suburban brake third in relation to column	15.3.86	1886	3	K2	PT	31	2
7291	GER-March-Engine Shed	1" to 66' layout of shed with 6 roads and details of drainage	22.9.86	1886	2	K1	PT-C	54	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
7291	GER-March-Engine Shed	Copy of Engrs Dg No A1323 dated 21,4,86	23.9.86	1886	3	K4	PT-C	54	1
7291	GER March-Engine Shed	1" to 66' layout of shed with 6 roads and details of drainage Copy of Engrs Dg No A1323 dated 21,4,86	23.9.86	1886	3	K4	PT-C	54	1
7292	GER-Beccles-Proposed New Engine Shed	1" to 66' layout of north end of station showing two road shed	24.2.86	1886	3	K4	PT-C	54	1
7292	GER Beccles-Proposed New Engine Shed	1" to 66' layout of north end of station showing two road shed	24.2.86	1886	3	K4	PT-C	54	1
7293	GER-Beccles Station-Proposed Engine Shed	1" to 1' elevations, plans and section of 2 road shed 120' long Copy of Engineers Dg No A1268	13.4.86	1886	3	K3	PT-C	32	3
7327	GER-Plan of New Running Shed Stratford and Arrangements for Future Extensions	1" to 1' plan of shed My comment: too fragile to examine	23.3.86	1886	3	K2	TI-C	10	4
7332 Part	GER-Proposed Alterations to Lavatories Composite Lavatory Carriages for Dining Train	3/8" to 1' interior layout of composite 2/2/Lav/WC with memo dated 11.2.91 from Holden to Craig	9.2.91	1891	3	-	TI-C	10	2
7338	GER Carriage Department Proposed New Carriage Repairs Shop	1/8" to 1' elevations, sections and plan of shop with curved corrugated iron roof Endorsed: tin temple My comment: too fragile to examine	12.11.86	1886	3	K1	TI-C	35	4
7339	GER-Leiston-Proposed Alterations	1" to 66' plan of station area showing areas to be paved Copy of Engineer's Dg No A1707	15.11.86	1886	3	K4	PT-C	10	2
7340	Tup & Rod for 60 Cwt Steam Hammer in Steam hammer Shop	3" to 1' details of apparatus Copy of B&B Massey, Openshaw drawing dated 11.11.86 My comment: too fragile to examine	15.11.86	1886	3	K10	TI-C	39	4
7360	GER-Steam Hammer Shop-Section of Guides for 3 Ton Steam Hammer	Full size details	13.11.86	1886	3	K10	TI-C	10	3
7411	GER Lynn-Plan showing Proposed	Unscaled plan showing alterations	21.2.87	1887	2	K4	TI-C	20	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
7411	alterations to Loco Accommodation	My comment: too fragile to examine	31.3.87	1887	3	K4	TI-C	39	4
7414	GER-Sketch of Firing Shovel	Dimensioned sketch of shovel on headed notepaper Endorsed: lent to Mr Damant 4.12.52	10.9.86	1886	3		TI-C	39	3
7427	GER Sketch of Crossing No 4 New Carriage Sidings	½" to 1' plan of crossing	11.5.87	1887	3	K2	PT-C	41	1
7435	GER-Lynn Junction Signals	Copy of signalling diagram	10.9.87	1887	3	K4	PT-C	39	1
7466	Train Staffs for Single Lines	Full size elevations and plans of staffs for Dunmow-Bishops Stortford, Dunmow-Braintree, Chappel-Sudbury and Marks Tey-Chappel My comment: too fragile to examine	12.11.74	1874	3	K9	TI-C	54	3
7595	GER Stratford Carriage Works-Details of Machines for Balancing Carriage Wheels	1 ½" and 3" to 1' details of machines My comment: too fragile to examine	10.12.87	1887	3		TI-C	39	4
7612	Permanent Way Brake Van H34	1" to 1½" general arrangement My comment: too fragile to examine	1.88	1888	3		TI-C	39	4
7619	GER-Block Plan of Stratford Works shewing Water Pipes, Hydrants & Stop Valves	Unscaled plan of works	14.6.88	1888	3		PT-C	39	1
7620	GER Liverpool Street (Session 1889) General Plan of Widening and Improvement No 1, Sheet 3	Unscaled plan of Liverpool Street My comment: probably based on a parliamentary plan My comment: too fragile to examine	9.2.88	1888	3	K4	TI-C	42	4
7626	Foundation for 5 cwt. Steam Hammer	1½" to 1' sections of hammer Copy of B & S Massey, Openshaw drawing	7.2.88	1888	3	K10	Litho	32	3
7651	Proposed Alteration of Old Royal Carriage	½" to 1' outline elevation of 31ft 6in carriage and interior plans, schemes 1 and 2 My comment: plans imply an additional 5' 6" added My comment: fragile	4.4.88	1888	3		PB-C	35	4
7651	GER-Royal Carriage (Old)-Diagram-Proposed Alterations, etc, Schemes 1 & 2	½" to 1' interior plans, one shows a domed roof My comment: too fragile to examine	7.3.88	1888	3		TI-C	51	4
		¼" to 1' plan of oil gas works							

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Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
7695	GER-Gas Works Stratford-Additions and Alterations	Endorsed: superseded by Dg No 7767, see also Dg No 5527 My comment: too fragile to examine	19.7.88	1888	3	-	TI-C	3	3
7705	GER-Tivetshall	1" to 40' station survey and environs Copy of Engineers Dg No A3701	27.7.88	1888	4	K4	PT-C	39	1
7705 A	GER Tivetshall-Water Supply	1" to 40' station plan showing location of water columns	21.6.90	1890		K4	PT-C	39	1
7763	GER-Steel Ring for Baseplate of Travelling Crane	Full size and 1½" to 1' details of plate 5' 3" diameter	26.10.87	1887	4	K12	TI-C	39	4
7794 Part	GER-Sidings Wood Stores Stratford	Unscaled plan of Stratford Works showing sidings outside wood stores	20.7.93	1893	4	-	TI-C	8	2
7797	GER Beccles-Engine Turntable 50'	1" to 1' elevation and plan of turntable Copy of Isca Foundry drawing	25.9.88	1888	4	K14	TI-C	39	4
7797	GER Beccles	1" to 1' elevations and plan of 50ft turn table Copy of Isca Foundry Dg Endorsed: ordered 9 & 11.85 My comment: too fragile to examine	25.9.88	1888		K14	TI-C	39	4
7806	GER-Gantry & Saw Mills for Carriage Shops	1/16" to 1' sections and plans of structures located north of Polygon	- .10.88	1888	4	K1	PT-C	2	1
7814	GER-East Elevation of Running Shed at Stratford	1/8" and ½" to 1' elevations showing position of engine No 73 in doorway	6.11.88	1888	4	K1	TI-C	9	3
7816	GER-Proposed Arrangement of Clock for Running Department	1½" to 1' elevations and plan of bracket for 3' diameter double faced clock	12.11.88	1888	4	K9	OI-C	2	2
7829 -1	Proposed Ballast Waggon Arranged for Carrying Sleepers	1½" to 1' arrangement of wagon Endorsed: proposed scheme by Mr Wilson	6.11.88	1888	4		TI-C	39	4
7829	GER-Proposed Convertible Ballast wagon	My comment: too fragile to examine	30.11.88	1888	4		TI-C	39	4
7835 Part	GER-Plan of Locomotive Works	¾" to 1' plan of Old Works and Angel Place showing building blocks only	25.10.89	1889	4	K2	TI-C	39	3
7856	GER-Wagon Coupling-Crabtree's Patent	Full size elevation and plan of coupling My comment: too fragile to examine	1.2.89	1889	4	-	PT-C	2	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
7858	GER-Spring Tender Class E4, J15, J17 with 2640 Galls Tender	Full size half elevation and plan with section of 12 plate spring 3'10" centres unloaded	30.9.54	1954	-	-	P	55	1
7875	GER-Special Covered Carriage Truck LM 545- Diagram Showing Proposed 18'1" Vehicle for Wood & Sons, St Ives	¾" to 1' elevations of truck and attached letter dated 7.2.91 referring to CCT for Messrs Wood & Son and instruction to reduce wheelbase to 11'6" Endorsed: No of truck 109. This vehicle is now used as ordinary stock	27.1.91	1891	4	-	TI-C	3	4
7878	GER-Rearrangement of Sidings on Removal of Old Turntable Running Department	1" to 40' plan of area in front of Jubilee shed	19.3.89	1889	4	K2	TI-C	3	2
7905	GER Tivetshall Station-Proposed arrangement of pumping machinery	½" to 1' section of water tower and well showing arrangement of machinery and sectional plan Copy of Engineers Dg No 20387 dated 27.3.89	18.5.89	1889	4	K3	PT-C	39	2
7938	GER-Sidings for Completion of Jubilee Engine Shed Stratford	1" to 40' layout showing 6 of the 12 road shed completed	1.10.89	1889	4	K2	PT-C	39	1
7957	GER-Plan shewing Whitemoor Sidings with Proposed Site for Pit and Water Column with Road Leading from Bank Sidings to Table	Unscaled sketch layout	28.6.89	1889	4	K4	PB	3	3
7958	GER-Palace Gates-Proposed Additional Siding and Engine Shed	1" to 8' plan of shed showing provision of a second road and 1" to 66' plan of loco yard and shed Copy of Engineers Dg No A.4615	4.7.89	1889	4	K3	PT-C	2	2
7960	50'-0" Engine Turntable-Ransome's & Rapier	½" to 1' elevation of turntable and 1½" to 1' elevation of centre section	22.9.88	1888	4	K14	PT	3	2
7960	50 Feet Engine Turn Table	½" to 1' elevation of turn table and 1 ½" to 1' section and details Copy of Ransome & Rapier Dg No 7960	22.9.88	1888	4	K14	OI-C	39	2
7984-1	GER-Proposed Wagon Dept. Accommodation on Site of Ballast Pit,	Unscaled sketch showing extra sidings in Newmarket curve and in ballast pit in	17.7.89	1889	4	-	OI-C	2	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
7984	GER Cambridge	1" to 66' plan of ballast hole near Newmarket curve Copy of Land Agents Dg No 5690	5.9.89	1889	4	K4	PT-C	3	2
7990	GER-Proposed Alterations at Colchester	1" to 66' layout of station and its approaches showing straightening of the main line, new cattle pen lines and extension of platforms on up side Copy of Engineers Dg No 16997	3.10.83	1883	4	K4	PT-C	2	2
8014	GER-Proposed Alterations & Additions to Loco Works, Stratford	1" to 40' plan of works area showing various new buildings Endorsed: not carried out	6.11.89	1889	4	K1	PB	3	4
8019	GER-Block Plan of Proposed Shops at Parkeston	1" to 20' outline plan of workshops (2 copies)	18.11.89	1889	4	K3	PT-C	39	1
8020	GER-Harwich	1/2500 plan of Continental shops	16.11.99	1899	4	K3	PT	22	2
8025	No.45 Combination Ejector for Automatic Vacuum Brake	Full size elevation and sections of ejector Copy of Vacuum Brake Co Dg No 639 dated 3.3.90	3.3.90	1890	4	K17	PB-C	20	3
8033	Diagram of Gradients of LCDR Victoria to Dover, GER Liverpool St. to Parkeston, &	1" to 2 miles gradient charts My comment: too fragile to examine	5.12.89	1889	4	K9	PB	39	3
8034	GER-Proposed New Smithy at Harwich	1/8" to 1' elevations, sections and plan of pier area, with new smithy adjacent to the slaughter house Copy of Engineers Dg No 1883	- .4.67	1867	4	K3	PT-C	2	2
8062	GER-Plan of Crossing Stepney Junction	½" to 1' plan of pointwork	24.11.89	1889	4	K4	PT-C	2	2
8067	Screw Stop Valve for Automatic Vacuum Brake	Full size details of valve My comment: too fragile to examine	3.3.90	1890	4	-	OI-C	2	4
8080 Part	GER-General Arrangement of Royal Mail Van	1" to 1' elevation and plan of mail van body My comment: too fragile to examine; no card	31.3.92	1892	4	-	OI-C	2	3
8100	Stanton's Patent	Full size sections of 1' 4" engine buffer Copy of Stanton Dg No 49	-	c.1890	4	K17	PT-C	39	2
8115	GER - Wisbech Proposed Carriage Shed	1" to 33' site plan showing new siding and shed adjoining engine shed	8.6.89	1889	4	K4	PT-C	20	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
8115	GER - Wisbech Proposed Carriage Shed	Copy of Engineers Dg No 20455 Estimated cost £260	8.8.89	1889	4	K4	PT-C	39	2
8149	Plate Joint between Bullhead and Bridge Rail	3" to 1' elevation and plan of plate My note: badly faded	16.4.90	1890	4	K9	PB	21	4
8155	6½ Feet Vertical Plate Bending Machine	My comment: too fragile to examine; no card	-	-	4	K10	BP	2	3
8219	GER-Plan showing Arrangement of WC's and Urinals at Lynn	½" to 1' plan of facilities to be fitted with Flushing Apparatus	14.8.90	1890	4		TI	39	2
8243	GER-Mishap at Fenchurch St. station- Diagram shewing Position of Wheels of Engine No.657 & Brake Van No.301, with Regard to Points	½" to 1' diagram of wheels in relation to rails	3.9.90	1890	4		PT	39	1
8244	GER-Mishap at Fenchurch St. station- Diagram shewing Position of Wheels of Engine No.657 & Brake Van No.301, with Regard to Points	Full size diagram of part of wheel on rail	3.9.90	1890	4		PT	39	1
8266	GER-Plan Showing Proposed Engine Shed at Loughton	1" to 1' plan of shed	1.10.90	1890	4	K4	TI-C	3	3
8282	GER-Stratford-Houses in Harmer Place	1" to 20' plan of houses off Leyton Road and Angel Place	24.2.90	1890	4	K2	PT-C	2	2
8283	GER-Stratford-Houses in Harmer Place	1" to 88' plan of houses off Leyton Road and Angel Place	21.10.90	1890	4	K2	PT-C	2	2
8288	GER-Plan of Stratford Works Showing Gas Mains	1" to 66' plan of works area My comment: too fragile to examine	- .12.88	1888	4	K1	OI-C	2	3
8301	GER-Blackwall Station-Proposed Alteration to enable Engines to Run Round Train	My comment: too fragile to examine; no card	-	-	4	K4	PB	2	4
8322	GER-Sidings at Whitemoor	Sketch layout of area near engine shed Endorsed: loco roads available in blue with hold about 150 trucks south side of shed only (one of which is a sand road)	10.12.90	1890	4	K4	CP-C	2	3
8328	GER-Liverpool Street Station-Widening and Suggested Alteration to Turntable and Loco	Unscaled plan of area My comment: too fragile to examine	15.12.94	1894	4	K4	TI-C	2	4
8328	GER-Liverpool Street Station widening-	Unscaled plan of area near turntable	15.12.90	1890	4	K4	TI-C	2	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
-A	Suggested Alteration to Turntable & Loco	Unscaled plan of area near turntable	15.12.90	1890	4	K4	CI-C	5	4
8337	GER-Proposed Engine Shed for Loughton	1" to 20' sections and elevations of 2 road shed	13.1.91	1891	4	K3	PT-C	2	1
8348 -1	GER-Sleeper Wagon LM599	1½" to 1' general arrangement of 19' wagon with open sides My comment: too fragile to examine	17.4.91	1891	4	-	TI-C	14	3
8362	Hydraulic Installation-Hydraulic Equilibrium Valve	Full size details My comment: too fragile to examine	18.2.91	1891	4	K10	TI-C	39	3
8369	GER-Proposed Saloon for HRH The Princess of Wales-Scheme No 1	¾" to 1' side elevation and interior plan of body 34'6" arranged 1 st compartment; saloon, corridor; WC, flanked by lavatory and servants compartment	26.2.91	1891	4	-	PT-C	2	2
8369	GER-Proposed Saloon for HRH The Princess of Wales-Scheme No 2	¾" to 1' side elevation and plan of 34'6" saloon; 4'0" WC and lavatory 4'0"; 12' saloon; with 3 loose chairs and a table and fixed couch; 3'3" passage with exterior doors; 7'0" 1 st class compt with central aisle; 7'0" servants with 2 loose chairs, a table and seat fitted across the end of the carriage. Swing doors between the 4 compartments	9.3.91	1891	4	-	PT-C	3	1
8369	GER-Proposed Saloon for HRH The Princess of Wales-Scheme No 3	¾" to 1' internal layout of 34' 6" saloon Endorsed: scheme No 3 approved subject to some alterations	9.3.91	1891	4		PT-C	39	1
8370	GER No 8 Saloon	¾" to 1' elevation and interior plan of 33' body My comment: interior layout slightly different to diagram 14600-6 but partition positions are the same. The later 3 rd compartment was for servants and lavatory layout different. This plan probably represents its layout for Prince of Wales	28.2.91	1891	4	-	PT-C	2	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
8371	Steel Yard for 50 Tons Testing Machine	1½" to 1' elevation and plan of steel yard and associated letter My comment: too fragile to examine	19.2.91	1891	4	K10	TI-C	2	4
8372	GER-Stratford Test House-Foundations for 50 Ton Testing Machine-Wicksteed's Patent	1/8" to 1' details of foundations	2.3.91	1891	4	K10	TIC	3	2
8372	Foundations for 50 Tons Testing Machine	My comment: too fragile to examine Copy of Buckton & Co drawing	No date		4	K10	TI-C	14	4
8374	GER-Cast Iron Sinkers for Channel Buoys	3" to 1' elevation and plan for 12 cast iron sinkers, requisition No 155 for use at Parkeston Quay	2.91	1891	4	K9	TI-C	39	2
8382 Part	GER - Roofs for Dormitory	½" to 1' section through enginemens dormitory roof truss	26.9.00	1900	4		PB-C	39	2
8385	GER-Temple Mills-Proposed Coal Stage & Engine Pit	1" to 66' plan of area south of Ruckholt Road Copy of Engineers Dg No 22219	20.3.91	1891	4	K4	PT-C	2	2
8398	Temple Mills North Junction-Alterations to Coal Stage etc.	1" to 66' plan of turn table area and coal stage Copy of Engrs Dg No 1927, scheme 2	19.3.91	1891	4	K4	PT	39	1
8476	Stationary Steel Gas Reservoir-Pintsch's Patent Lighting Co., Ltd.	½" to 1' section and end elevation of reservoir 24' long by 6' diameter Copy of Pintsch Dg No 718	17.7.91	1891	4	K9	TI-C	2	2
8485 Part	GER-Six Coupled Tank Engines R&S 24 (T18C) General Arrangement	1 ½" to 1' general arrangement Endorsed: part copy sent to Messrs Whitaker 30.6.08 re tablet exchange	9.91	1891	4		TI	39	3
8522 Part	GER Vehicles under GER Gauge-Diagram of Proposed 9Ft Suburban Carriages under	1½" to 1' profile of gauge showing provision for 9ft wide stock	26.1.92	1892	4	M18	PT-C	2	3
8522	Proposed Suburban Carriage showing Minimum Construction & Maximum Load Gauges	1½" to 1' profile showing 9' wide carriage in outline and 9' 4¼" over door handles and guards lookout	25.1.92	1892	4		PT	39	1
8529 Part	GER-Four Wheels Coupled Mixed Traffic Engines Class T26-Part Views of Cab &	1½" to 1' elevations of cab and tender	29.6.08	1908	4		TI-C	39	3
8536	GER-Plan & Elevations of Proposed Chain, etc Testing House for Stratford also Pan of Site for Same	1/8" to 1' elevation and plan of house adjoining tender shop	3.12.91	1891	4	-	TI-C	2	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
8557	GER Stratford Signals	1" to 66' plan showing signals from Stratford Western Junction to Maryland Point Copy of Engrs Dg No 20634	15.12.91	1891	4	K2	PT-C	39	2
8562	Proposed alteration to ??	My comment: too fragile to examine , no index card	-	-	4	-	CI-C	3	4
8570	GER-Proposed 2 nd Class Saloon with Lavatories	½" to 1' interior plan of 34'6" saloon for 37 passengers with twin toilets at one end with duckets	13.1.92	1892	4	-	PT-C	2	2
8590	GER-Plan of Proposed Chain Testing House	1/8" to 1' plan showing allocation of iron stores for chain testing, adjacent to the drawing office	12.2.92	1892	4	K1	PT-C	39	1
8592	GER Carriage Dept-Hose Mounting Machine- Westinghouse Brake	6" to 1' general arrangement of machine Copy of Westinghouse Co Dg No 12076 dated 25.2.92 My comment: too fragile to examine	8.3.92	1892	5	M27	PT	22	4
8593	GER-Proposed and Existing Family Saloons	½" to 1' interior layouts of a. saloons Nos 2, 6 & 7; b. proposed saloon 34'6" long similar layout	15.2.92	1892	5		PT-C	5	1
8596 Part	GER-Diagram of 9Ft Suburban Carriage with Minimum Construction Gauge	1" to 1' outline section of carriage against construction gauge with dimensions of	16.9.97	1897	2	-	PT-C	5	1
8624	GER-Maryland Point to Ilford Widening-Session 1890-Ilford Proposed Alterations	Plan showing on south side of main line to hold 8 trucks Endorsed: two coal drops to be provided 9.6.92	23.10.90	1890	5	-	PT-C	11	3
8696	GER-Stratford-Alteration of Lines by Wood Stores	1" to 40' plan of area My comment: too fragile to examine	23.7.92	1892	5	K2	TI	1	1
8707	GER-Fenchurch Street-Proposed Engine Pit and Water Column	1' to 20' plan of area between platforms 3 and 4	16.8.92	1892	5	K4	CP	1	1
8708	GER-Liverpool Street-Proposed Smoke Troughs over Nos. 11 & 12 Roads	Unscaled pencil sketch showing troughs and alterations to delivery pipe from water tank on No 12 platform	15.8.92	1892	5	K4	CP	19	2
8715	GER-Wisbech Tramways at Newcommon	30' to 1" plan showing course of line over the canal	20.12.92	1892	5	K4	PT-C	10	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
8715	Bridge	Copy of Engineers drawing dated 23.-.83	20.12.83	1883	5	K4	PT-C	19	1
8716	GER-Wisbech Tramways at New Common Bridge showing Tram Car on Curve near Bridge	1" to 30' plan showing clearance between tram and wing wall Copy of Engineer's Dg No A4	21.12.83	1883	5	K4	PT-C	11	1
8717	GER-Wisbech Tramway at New Common Bridge	1" to 30' plan of permanent way My comment: too fragile to examine	3.1.84	1884	5	-	TI-C	1	4
8718	GER-Wisbech Tramways at Market Place & Church Street	1" to 20' plan of curve with bogie trams superimposed Copy of Engineer's drawing	18.12.83	1883	5	-	PT-C	11	2
8719	GER-Wisbech Tramways at Market Place	1" to 20' plan of trackwork, 1 chain curved envisaged	18.12.83	1883	5	K4	PT-C	11	2
8720	GER-Devonshire St.-Proposed New Loco Coal Stage	Unscaled sketch of stage on up side	13.8.88	1888	5	K4	TI-C	11	3
8721	GER-Proposed Loco Coal Stage-Devonshire Street	Unscaled sketch of stage on up side	13.3.88	1888	5	K4	TI-C	11	3
8782	Proposed Lavatory Composite Carriages for Boat Train	3/8" to 1' interior plans of 6 carriages: 1. 32' 2/2/2xLav/1/1; 2. 34'6" 2/Lav x 2/1/Lug/3/3; 3. 32' 2/2/Lav x2/1/1; 4: 34'6" 2/2/Lav x 2/1/1Sn; 5. 34.6" 2/2/Lav/Lav/1/1 6: 32' 2/2/Lav x 2/1/1 Sn	23.11.92	1892	5	-	PT-C	11	1
8792	GER-Liverpool Street-Proposed Additional Water Service to Locomotive Water Tank	Unscaled drawing My comment: too fragile to examine	25.11.92	1892	5	K4	TI	1	4
8820	GER-Plan of Land at Dorset Place, Stratford	1" to 88' plan of small anonymous area	20.12.90	1890	5	K2	TI-C	21	2
8851	GER-Plan of Proposed Arrangement of Mail Vans for Goods Trains	½" to 1' interior plan of 24'0" van	22.2.93	1893	5	-	PT	22	2
8987	Oil Spuds for Loco Steam Chest	Full size section of spud Copy of Vacuum Oil Co drawing	11.11.13	1913	42	-	BP	6	2
9075	GER-Bronze Flexible Stay & Drift	Full size details of method of fixing fusible bronze stays Copy of SDO Dg No 9075 My comment: too fragile to examine	22.8.98	1898	5	-	PB	11	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
9077 Part	GER-Norwich Gas Works-Positions of Oil Tanks	¼" to 1' plan of 2 tanks 23'6" x 6'10" diameter shown in relation to retort house Endorsed: copy like this sent to Mr Moore for Mr Wilson, sent on 2.10.94 My note: plan in pieces	1.10.94	1894	5	-	TI	19	3
9078	GER-Proposed Oil Gasworks for Norwich Plan of Oil Gasworks for Norwich	¼" to 1' layout of buildings showing position of plant 1" to 40' showing position of buildings, gas reservoirs and holder Endorsed: Mr Holden had a copy of this with new title	16.2.94	1894	5	-	PT-C	11	2
9078 A	GER-Norwich-Amended Plan of Proposed Oil Gasworks	¼" to 1' block plan of works	14.4.94	1894	5	-	PT-C	11	2
9082	GER-Proposed Windows for Stratford Co-operative Society overlooking Grounds of GER Mechanics Institute	1" to 8' elevations and plans of 3 storey building for Cooperative Society	22.2.94	1894	5	K1	PT-C	1	1
9101	GER-Temple Mills	1/2500 plan of area from Quartermile Lane to Lea Bridge	13.4.94	1894	5	K4	PB	11	3
9117	Proposed Modification of Low Pressure Piston for Gas Compressor	Full size section of piston Endorsed: copy sent to Bellis & Co 6.4.94	6.4.94	1894	5	K7	TI-C	11	3
9155	GER-North Woolwich-Plan showing the Thames Foreshore belonging to GER	1/2500 tracing of station and ferry area showing GER foreshore (2 copies)	24.5.94	1894	5	K4	PT	21	2
9189	GER-Plan Shewing Positions and Levels of Gasholders	¼" to 1' plan of gas holders at Norwich	4.7.94	1894	5	-	TI-C	19	4
9189	GER-Norwich Oil Gasworks-Plan showing Positions and Levels of Gas Holders	1/8" to 1' plan showing part of gas holder Endorsed: traced from Dg No 9077 with alterations. Copy on cloth given to Mr Hill 10.7.94 My comment: too fragile to examine	4.7.91	1891	5	-	TI-C	21	4
9198	GER-Liverpool Street	1" to 66' plan of engine docks Nos 6, 7 and 8	12.7.94	1894	5	K4	TI	1	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		My comment: too fragile to examine							
9201	Locomotive Workshops and General Stores, Stratford 1881	Unscaled plan showing buildings only with uses revised to 9.6.91 to show in colour the buildings insured or otherwise, identifying	9.6.91	1891	5	K1	P-C	22	2
9260 Part	GER-Position of Filling Posts Norwich Gas Works	1/8" to 1' plan of works Endorsed: a copy of this sent to Mr Wilson 28.9.94	28.9.94	1894	3	-	TI-C	5	2
9268	GER-Norwich Gasworks-Plan shewing Water, Oil & Liquid Fuel Pipes	¼" to 1' plan of works	10.10.94	1894	5	-	PT	21	2
9332	GER-Essex Lines Session 1883-Wickford Station Signal	1" to 33' plan of station area Copy of Engineer's Dg No 20270 dated 1883	20.8.07	1907	5	J18	TI-C	10	2
9354	GER-Chingford-Plan showing Sites of Two Additional Engines Pits	1" to 40' plan showing sites of two additional engine pits My comment: too fragile to examine	9.1.95	1895	5	K4	TI-C	8	4
9355	GER-Enfield Town- Proposed Additional Water Crane and Engine Pit	1" to 40' layout of platform area	9.1.95	1895	5	-	TP	5	2
9390	GER Parkeston-Proposed Site for Mushroom Tank	40' to 1" plan of area near stables and signal box showing position of tank	9.3.95	1895	5	K4	TI	19	3
9393	GER-Palace Gates Sidings	1" to 66' plan showing existing and proposed gas filling points and water hydrants for carriage stock	21.1.95	1895	5	K4	PT	1	1
9394	GER-Cheshunt Station	Sketch of Cheshunt station showing at cross the positions of water hydrants required for carriage washing	17.1.95	1895	5	K4	PT	11	2
9395	GER-Wood Street	1" to 66' plan showing existing and proposed gas filling points and water hydrants for carriage stock	22.1.95	1895	5	K4	PT	1	1
9396	GER-Enfield Town Station	Unscaled sketch of carriage sidings	17.1.95	1895	5	K4	PT	11	2
9437	Proposed 3 rd class Saloon with Lavatories	½" to 1' interior plan of 34'6" saloon to seat 41. Two toilets separated from single saloon by a lobby	14.6.95	1895	5	-	PT-C	21	2
9473	GER-Stratford-Proposed Additional Carriage Sidings	1" to 66' plan showing 3 new sidings at Fork Junction Copy of Engineer's Dg No 22087 dated 7.95	- .7.95	1895	5	K2	PT-C	11	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
9556 Part	GER-Axlebox Keeps T18 Class	6" to 1' elevation and section of old and new types of keeps	15.5.24	1924	5	-	T1	19	4
9566	GER-New Building for Stores Dept. Stratford Proposed Alteration to Staircase and Cranes	1" to 8' plans and section of building	25.11.95	1895	5	K1	PT-C	1	2
9606	GER-General Arrangement of High Sided Wagon with Standard 15ft Steel Underframe	1½" to 1' general arrangement of 5 plank wagon; inset shows arrangement of pressed steel shoes and stops to replace cast iron type	-	1894	-	-	P	55	1
9625 Part	GER-Saloon for HRH The Prince of Wales- Scheme 1	½" to 1' elevations and interior plan of 41' bogie saloon comprising lavatory, lobby, saloon, corridor with smoking compartment and servants Endorsed: 9.3.96 Mr Birt returned to me this tracing and he says the Prince of Wales approves of this design but wishes the saloon compartment furniture to be as far as possible as the present saloon used by him and the various article similarly placed. James Holden	26.2.96	1896	5	-	PT-C	1	1
9661 Part	Prince of Wales Saloon T37-Alterations to Suspension Gear	3" to 1' sectional elevation of gear	5.10.96	1896	5	-	PT-C	11	2
9663	GER-Saloon No 31 for the HRH The Prince of Wales T37	¾" to 1' arrangement of 41' body with detailed plan of interior. Endorsed: known as the Kings Saloon; revised 28.5.03	1.5.96	1896	-	-	P	55	1
9701	Sketch Showing Alteration to Sidings required by Carriage Department, Stratford	1" to 40' plan of area adjacent to carriage shops and saw mills near Polygon	1.5.96	1896	5	K1	PT-C	21	1
9864	Foundation for Punch & Shearing Machine for Temple Mills	1½" to 1' elevations of machine Copy of Messrs Francis, Bury & Co drawing	12.10.96	1896	5	K10	OI	1	1
9878	GER-Proposed Lavatory Composite Carriage with Bogies	½" to 1' interior plan of 48'3" body	29.10.96	1896	5	-	PT-C	6	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
9884	GER-Arrangement of Coal Wagon with Standard 15' Wagon Steel Underframe	1½" to 1' general arrangement of 15' 7 plank open, body 4'0½" deep	3.11.96	1896	-	-	P	55	1
9891	GER Parkeston-Proposed Loco Workshops	1/8" to 1' plan of proposed brick built workshop adjoining existing building with longitudinal and cross sections Copy of Engineers Dg No 27014	19.9.96	1896	5	K3	PT-C	1	1
9942	Proposed Covered Carriage Truck showing the Maximum Gauges of the Metropolitan Railway	1½" to 1' half sections No 1 Proposed CCT to the Finchley Road to Baker St maximum loading gauge 12' 2½"; No 2 Proposed CCT to the Inner Circle and Finchley Rd, Chesham maximum loading gauge 12' 6½" Endorsed: this section to be adopted, i.e. No 2, same a K35 class	26.11.96	1896	5	-	PT-C	11	2
9944	GER-Diagram of Proposed Cattle Boxes-1 st Scheme	¾" to 1' elevation and plan of 21' 9½" box with compartment with letter to Holden from Craig Endorsed: scheme only	26.11.96	1896	5	-	PT-C	11	2
9952	Diagram of Proposed Cattle Boxes	¾" to 1' elevatons and plan of 21' 5½" box with 3'2" compartment My comment: mouldings on compartment panel and door	1.12.96	1896	5	-	PT-C	11	2
10007 Att	Brake Rod & Hanger S44 Class & N31 Class- Attachment to Dg Nos 10007 and 10127	3" to 1' elevation of components	- .8.19	1919	5	-	PT	11	2
10053	GER-Diagram of Proposed Additional Gas Holders at Stratford Gas Works	½" to 1' layout of works showing additional holders	11.2.97	1897	5	K1	TI-C	19	3
10054	GER-Proposed Additions to Stratford Gas Works	1/8" to 1' details of additions to works My comment: too fragile to examine	4.2.97	1897	5	K1	TI-C	6	4
10055	GER-Proposed New Gas Tank Siding and Filling Posts at Stratford	1" to 40' plan showing proposals My comment: too fragile to examine	4.2.97	1897	5	K2	TI	11	4
10073 Part	GER-Temple Mills Loco Wagon Works- Present Wagon Dept Occupancy	1" to 66' plan of Temple Mills wagon works area, west of main line showing present area tinted green, proposed accommodation in red Endorsed: a copy of this supplied to Sir Wm Birt 3.3.97	3.3.97	1897	3	K4	PT-C	5	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
10073	Temple Mills Wagon Shops-Plan showing Land required for Loco Dept	1" to 66' plan showing wagon works and sidings	2.3.97	1897	5	K4	PT-C	21	1
10105	GER-Brentwood Shed	1/8" to 1' sections, elevations and plan of engine shed Copy of Engrs Dg No Part 8165A My comment: too fragile to examine	9.11.96	1896	5	K3	TI-C		3
10124	GER-Plan of Proposed New Buildings at Mechanics Institute	1/8" to 1' plan of gymnasium, class rooms, billiard room and photographic rooms and 1" to 48' block plan of David Street	19.11.99	1899	5	-	OI-C	11	1
10130	Foundation Pier for Mortising Machine-Saw Mill Temple Mills	1" to 1' outline elevation, section and plan of pier My comment: appears to be unfinished	5.5.97	1897	5	K10	CP	22	1
10141 Part	GER Peterborough-Proposed Rearrangement of Yard and Hill's Application	1" to 40' plan showing proposals for new engine shed for 44 engines, a repairing shed and a 50' turntable on the south side of the line east of the station Copy of Engineers Dg No A7188, scheme 2 19.8.96	17.5.97	1897	5	-	PB	19	4
10153	Proposed Supper Saloon	½" to 1' interior layout of 48'3" carriage with small kitchen, 20 seat in saloon and two toilets, no gangways Endorsed: finished drawing as to be built see Dg No 10281	29.5.97						
10153	Proposed Supper Saloon	½" to 1' interior layout of 48'3" carriage with small kitchen, 20 seat in saloon and two toilets, no gangways Endorsed: finished drawing as to be built see Dg No 10281	28.5.97	1897	5	-	PT-C	11	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
10153 A	Proposed Supper Saloon	½" to 1' interior layout of 48'3" carriage with small kitchen, 20 seat in saloon and two toilets, no gangways Endorsed: finished drawing as to be built see Dg No 10281	28.5.97						
10162	GER-Diagram of Proposed One Horse Omnibus	¾" to 1' elevations of omnibus, 6 passengers inside, 2 outside	7.6.97	1897	5	-	PT	1	1
10175	GER Loughton-Section of Well	1" to 100' section Copy of Engineers tracing My comment: too fragile to examine	24.6.97	1897	5	K4	PB	19	3
10186	GER-Proposed Suburban Second Class Carriage	½" to 1' outline elevation and interior view of 34'6" 6 wheel carriage with 5 compartments, 8'6" wide in 1896 carriage style with class numerals on door roundels with note by Drury	15.7.97	1897	5	-	PT-C	5	2
10187	GER-Temple Mills-Proposed Extension of Culvert	1" to 66' plan of culvert and letter	1.7.97	1897	5	K4	TI-C	3	4
10192	GER-Proposed Alteration to Engineer's Saloon	½" to 1' outline elevation and plan of 32' saloon	22.7.97	1897	5	-	PT-C	19	1
10197	GER-No.24 Dining Car-Arrangement of Spring Suspension	Full size arrangement of gear My comment: too fragile to examine	29.7.97	1897	5	-	PB	19	3
10198	Proposed Saloon for H.R.H. The Princess of Wales	3/8" to 1' detailed interior plans of 6 schemes for proposed saloons lengths 53', 50', 50', 53', 48' and 53'	30.7.97	1897	5	-	PT-C	11	2
10199	GER-Proposed Additional Siding Accommodation for Gas Works at Stratford	1" to 40' layout of sidings off loop line north of Fork Junction	31.7.97	1897	5	-	PT-C	5	2
10213	GER-Pumping Station, Brandon	1/8" to 1' plan of pump house	28.8.97	1897		K3	PB-C	5	3
10216	GER-General Arrangement of Continental Luggage Boxes & Trucks shewing Pipes for Warming Train- Laycock's Arrangement	1" to 1' general arrangement of luggage boxes and carriage truck Copy from W.S. Laycock Ltd 4.2.04	11.12.03	1903	5	-	BP	19	4
10227	GER-Proposed Utilisation of Additional Ground in Leyton Road	1" to 88' plan of Angel Place area showing new road van shop and existing boiler shop	13.9.97	1897	5	-	PT	11	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
10228 A	GER-Proposed Gunpowder Van	½" to 1' elevations, plan and sections of 16'2" van on standard steel underframe Endorsed by rubber stamp: scheme only	18.10.97	1897	5	-	PT-C	5	1
10235	GER-Channelsea Junction-Four additional Sidings Showing Additional Hydrants Required	1" to 66' layout of 6 sidings	16.9.97	1897	5	K2	PB-C	11	2
10236	GER Running Dept-Proposed Extension of Jubilee Shed	1" to 66' plan showing proposed extension of Jubilee engine shed My comment: too fragile to examine	16.9.97	1897	5	-	TI-C	11	4
10257	Proposed Main Line 3 rd Class Lavatory Carriage	3/8" to 1' interior plans of two 34' 6" carriages a. 5 compartments and twin lavatories to seat 46 Endorsed: drawing made to this but with alterations as shown in ink, see Dg No 10273 b. 5 compartments with internal corridor to serve lavatory with ladies compartment and toilet at one end Endorsed: not this	14.10.97	1897	5	-	PT-C	11	2
10289 Part	GER-Boiler for Engines Classes T19, T26, D27, N31, C32, Y14	1½" to 1' extract from print showing smokebox alterations dated 7.28	18.8.28	1928	5	-	P	1	2
10330 Part	Diagram of Proposed Corridor Lavatory Composite	3/8" to 1' interior plan of 48'3" carriage Lug/F/F/Lav x 2/T/T/T/T Endorsed: 8'6" wide 22.12.98	13.1.98	1898	5	-	PT-C	11	2
10336	Diagram of Proposed Royal Composite	½" to 1' interior layouts of three proposed carriages Scheme 1 34'10" on standard 6 wheel underframe Scheme 2 41'0" on bogie underframe	10.1.99	1999	5		PT-C	21	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
10330	Diagrams of Proposed Royal Composites	Scheme 3 41'0" on bogie underframe with different layout and no intercommunication between compartment (this one selected by Drury 31.1.98)	19.1.98	1898	5	-	PT-C	21	2
10346	GER-Stepney-Skanack's Accident-Diagram shewing Clearance between Footboard of Carriage and Platform	3" to 1' sectional view of footboard and carriage	27.1.98	1898	5		PT-C	39	1
10354	GER-Steel Tubes 13 ISWG thick	Diagrammatic elevation of axle My comment: Stores ordering drawing Copy of drawing supplied to Beardmore & Co	18.2.14	1914	5	-	PT	1	1
10373	GER-Proposed Plate Glass Wagon	¾" to 1' general arrangement of 25' 4 wheel wagon with well for glass to carry 10 tons Endorsed: scheme only	22.2.98	1898	5	-	PT-C	5	2
10381	GER-Breakfast and Tea Train-Hotel Dept Suggested Alterations	¼" to 1' interior plan of three car train 34'6" 6 wheel 1 st lavatory; 55' breakfast, tea or dining saloon and 48'3" 3 rd bogie with text on proposed alterations Scheme dated 1.3.98 for proposals	1.3.98	1898	5	-	PT-C	5	2
10382	GER-Temple Mills Wagon Works-Plan of Drainage	1" to 66' plan of works and Ruckholt Road area Copy of Engineer's Dg No Part 8997 and 8675A dated 8.11.97	8.11.97	1897	5	-	PT-C	11	2
10396	GER-Diagram of Proposed Refrigerator Van	1" to 1' arrangement of 16'3" van Endorsed: scheme only	- .3.98	1898	5	-	PT-C	11	2
10476	GER-General Arrangement of Tender R43 Class General arrangement of tender R43 class	1½" to 1' side and end elevations and plan with water pickup details and fuel well tank Endorsed: altered 22.1.12 deletion of strut for communication cord	1.99	1899	-	-	P	55	1
10516	GER-Tenders R43 & T46 Class-Axle Box	Full size elevations, sections and plans of axlebox	21.6.00	1900	3	-	P-C	5	3
10530	GER-Alternative Schemes for Dining,	¼" to 1' interior plans of 55' saloon,	27.00	1900	5		PT-C	11	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
-1 Part	Breakfast & Tea Saloon	schemes A and B	2.7.98	1898	5	-	PT-C	11	2
10530 Part	GER-Diagram of Breakfast Dining & Tea Train-Scheme 4 with Hotel Management Suggestions Embodied	¼" to 1' interior plan of three carriage train- 1 st lav 48'3"; dining and tea saloon 55'; 3 rd lav 55', estimated cost £4080 My note: the centre dining saloon has small kitchen in centre separating the two classes; central gangways to the other two carriages only	22.6.98	1898	5	-	Pt	19	2
10541	GER-Ibbotson's Patent Buffer Fitted with Rubbers	Full size elevations and sections of self contained buffer Supplementary Drawing Office No 1382	- .5.98	1898	5	-	PT-C	1	1
10542	GER-Section of Turton Platts Patent Buffer fitted with Rubbers	Full size section and half elevation of buffer Copy of SDO Dg No 1384 dated 3.98	- .3.98	1898	5	-	PT-C	11	1
10554	GER-Diagram of Wide Suburban Carriage showing clearance of Construction Gauge	1½" to 1' profile showing 9ft wide body, position of footboards and clearance of doors open either side	17.6.98	1898	5		PT-C	45	2
10556 -3	GER-Diagram of Standard Suburban 3 rd class Carriage	½" to 1' outline elevation, section and plan of 27' carriage	24.5.98	1898	5	-	PT-C	11	2
10556 -2 Part	GER-Diagram of Wide Suburban 1 st Class Carriage	½" to 1' outline elevation and interior plan of wide 27' carriage	24.5.98	1898	5	-	PT-C	19	1
10556 -1 Part	GER-Diagram of Wide Suburban 2 nd Class Carriage	½" to 1' outline elevation and interior plan of wide 27' carriage	24.5.98	1898	5	-	PT-C	19	1
10556 -4	GER-Diagram of Wide Suburban 3 rd Class Carriage	½" to 1' outline elevations and plan of 27' 5 compartment 4 wheel carriage with round topped doors Endorsed: doorways altered from 1'9" to 1'10"	24.5.98	1898	5	-	PT-C	21	2
10558	GER-Diagram of Proposed Main Line Brake Van with Floor Level with Platform	½" to 1' elevations, sections and plan of 6 wheel 32' carriage with 2'9" wheels, sliding doors and 8' wide body Endorsed: scheme only	27.6.98	1898	5	-	PT-C	19	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
10583	GER-Bogie of Dining Car altered to Elliptical Spring & Bolster Suspension	1½" to 1' elevation and half end elevation of 6 wheel carriage	26.9.98	1898	5	-	PT-C	11	2
10586	GER-Diagram of Proposed Milk Van with Floor Level with Platform	½" to 1' elevation, section and plan of 32'0" 6 wheel van with 2'9" wheels and three sliding doors Endorsed: scheme only	10.8.98	1898	5	-	PT-C	22	1
10596	GER-Diagram shewing Maximum Heights and Widths of Locomotive, Carriage and Wagon Stock when Tyres are New	1" to 1' sectional end elevation of composite engine and rolling stock with table of dimensions	25.7.98	1898	5	-	BP	1	2
10610	GER-Diagram of Proposed Refrigerator Van	1" to 1' elevations and half plan of 16' 3" covered van	- .7.98	1898	5	-	PT-C	11	2
10650	GER-Bogie of Dining Car with GWR System of Suspension	1½" to 1' elevation and section of 11'10" wheelbase 6 wheel bogie	26.9.98	1898	6	-	PT-C	26	1
10682	GER-(Temple Mills)	1" to 88' plan of Temple Mills Wagon Works showing in red the proposed road in Quarter Mile Lane and also the area of land required and proposed buildings across part of existing road Endorsed: altered 24.1.02	11.11.98	1898	6	-	PB-C	27	3
10690	GER-Wide Suburban Third Class Carriage Class P46	1" to 1' general arrangement of 27' body.	25.4.99	1899	-	-	P	55	1
10691 Part	GER-Wide Suburban Brake 3 rd Class Carriage	1" to 1' plan of interior	7.3.99	1899	6	-	TI-C	21	4
10704	GER Temple Mills-Proposed Road and Bridge from Wagon Shops across Marshes	1" to 88' plan showing straightened road and bridge from Quartermile Lane to River Lea and proposals for extending works buildings over course of road Endorsed: plan sent to Mr W. Dawson, Surveyor Leyton Urban District Council ref his letter of 30.11.98	6.12.98	1898	6	-	PB-C	26	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
10705	GER-Angel Place; Shewing Widening of Leyton Road (proposed)-Supplied by the Corporation of West Ham	1" to 88' outline plan of Leyton Road between Windmill Lane and Alma Street showing widening on Works side	6.7.93	1893	6	-	P-C	26	2
10729	GER-Special Firebox Roof Bars-4 Wheels Coupled Express Engines T19	1½" to 1' sectional elevations and plan of firebox Office stamp dated 1-1899	- .1.99	1899	6	-	PT-C	6	1
10730 Part	GER-Diagrams of Existing 1 st and Composite Carriages	¼" to 1' interior views of 1. lavatory composite 039 and 041 34'10" 2. first class lavatory carriage R&M 26 32'0" 3. lavatory composite carriage Y30 34'6"	18.1.99	1899	6	-	PT-C	22	1
10730 Part	GER-Diagrams of Existing Lavatory 1 st & Composite Carriages & Schemes for 1 st Class	¼" to 1' interior plans of 6 carriages: classes Y40, M40 and O45 plus 3 schemes for 48'3"	6.1.99	1899	6	-	PT-C	26	1
10786	GER-Dg No 10786 Proposed Alteration of Saloon for HRH The Princess of Wales Dg No 10786 Proposed Alteration to Saloon for HRH The Princess of Wales Dg No 10198 Part HRH The Princess of Wales Saloon Dg No 10395 Diagram of saloon for HRH The Princess of Wales	3/8" to 1' interior plan of 48' 3" saloon Endorsed: plan of saloon as running up to date 20.11.00 3/8" to 1' interior plan of 48' 3" saloon My comment: looks the same as above 3/8" to 1' interior plan of 34'6" saloon Endorsed: this is a plan of the present vehicle, signed Holden 3/8" to 1' interior plan of 48' 3" saloon	28.2.99 22.2.99 31.7.97 11.3.98	1899 1899 1897 1898	6	-	PT-C	11	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Endorsed: lavatory compartment removed to make more room for servants, see Dg No 10786 20.11.00							
10862	GER-Load & Makers Plate for H.S. Wagons, etc.	Full size elevation of plate 11" x 7" inscribed GER 1899 in top panel, To Carry 10 Tons, in lower My comment: prepared at the Wagon Shops, Temple Mills and endorsed by Holden	31.5.99	1899	6	-	PT	26	2
10903	Standard Drawhook for Wagons (Gedge Pattern)	Full size elevations, sections and plan of drawhook My comment: too fragile to examine	7.99	1899	6	-	PB	29	3
10908	GER-Proposed 3 Way Cock for Stationary Boiler fitted with Hotchkiss Boiler Cleaner	Full size details My comment: too fragile to examine	21.7.99	1899	6	-	TI-C	11	4
10937	GER-Alteration to Bearing Spring for Bogie Composites, P47 Class	3" to 1' elevation and section of 8 plate spring 4'0" straight Indexed 24.4.22	-	-	6	-	PT-C	26	2
10945	GER-Proposed Method of Lubricating Journals of Restaurant Cars	Full size sections and plan of bearing and brass Endorsed: one to brass 'C' for testing	- .8.99	1899	6	-	PT-C	27	2
11012	GER-Reversing Nut for Air Reversing Gear-4 Wheels Coupled Bogie Express Engine S46	Full size elevation, section and plan of assembly	- .4.00	1900	6	-	PB-C	29	2
11034	GER-Plan shewing Communication between Carriage Dept. and Main line shewing also in	1" to 88' plan of area My comment: too fragile to examine	7.11.99	1899	6	-	PB	11	3
11061	GER-General Arrangement of Coal Wagon with Steel Floor Class D&E49	1½" to 1' general arrangement of 15' 8 plank wagon	9.4.00	1900	-	-	P	55	1
11096	GER-Proposed 30 Tons Bogie Coal Wagon	½" to 1' elevation and plan of 40' bogie wagon 4'7 3/8" deep wooden body with 2 side doors, cubic capacity 13130.76ft, diamond framed bogies, channel steel frame, ¼" steel floor doors 20' centres, 5'3" opening	13.12.99	1899	6	-	PT-C	26	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11099	GER-Diagram of Proposed New Restaurant Cars	¼" to 1' arrangement of interior of 5 carriage train comprising 48'3" 1st; 48'3" 1st; 34'6" kitchen car; 55'0" 3rd and 55'0" 3rd with corridor connections Attached is text of note from H.C.T. Amendt Copy of Carriage Dept Dg signed by A.H. Sampson 15-12-1899	15.12.99	1899	6	-	PB-C	27	2
11147 Part	GER-Diagram of Proposed Bogie Lavatory Composite Carriage	½" to 1' interior plan of 48'3" carriage to seat 14 1sts and 38 3rds. Scheme 1 arranged 3rd, 3rd, 2xLav, 1st, 1st, 2xLav, 3rd, 3rd	- .2.00	1900	6	-	PT-C	26	2
11147 Part	GER-Diagram of Proposed Bogie Lavatory Composite Carriage	½" to 1' interior plan of 48'3" carriage to seat 14 1sts and 34 3rds. Scheme 2 arranged 3rd, 3rd, 2xLav, 1st, 1st, 2xLav, 3rd, 3rd, with corridors connecting 3rds to single toilet							
11147 Part	GER-Diagram of Proposed Bogie Lavatory Composite Carriage	½" to 1' interior plan of 48'3" carriage to seat 12 1sts and 34 3rds. Scheme 3 arranged 3rd, 3rd, 2xLav, 1st, 1st, 2xLav, 3rd, 3rd, with access to toilets from 1st compartments varied Endorsed: Schemes 2 and 3 added 23.3.08, approved Mr Foster's scheme							
11172	GER-Arrangement of 34'6" Steel Underframe	1" to 1' elevations, sections and plan of 33'10½" underframe and 22'6" wheelbase Endorsed: parts coloured red are not required on officers saloon	30.10.00	1900	6	-	PB-C	27	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Underframe	My comment: this plan was endorsed for instructions to Messrs Stone regarding electric lighting, Stones order 0,2568							
11194	GER-Cylinder & Piston for Air Reversing Gear-4 Wheels Coupled Bogies Express	Full size details My comment: too fragile to examine	- .5.00	1900	6	-	PB-C	26	4
11198	GER-Valve Box for Cylinder Air Reversing Gear-4 Wheels Coupled Bogie Express	Full size details of valve box My comment: too fragile to examine	6.3.00	1900	6	-	PB	29	3
11198	GER-Four Wheels Coupled (Bogie) Express Engines Class S46-Valve Box for Cylinder of Air Reversing Gear	Full size elevation, section and plan of box	- .4.02	1902	6	-	PB-C	30	2
11202	Diagram of Proposed Officers Carriage Diagram showing Alternative Arrangement of Attendants Compartment in Proposed Officers Carriage	¾" to 1' elevation and interior plan of 6 wheel 34'6" carriage, 9'0" wide body with 2" side projections at each end with half end elevation, clerestory roof and inset round topped doors ¾" to 1' overlay Endorsed: an amended plan No 11202A omitting the seat in the attendants compartment crossed through in green pencil by the general manager 14.4.00 and ack 12.4.00	22.3.00	1900	6	-	PT-C	21	2
11207 A	GER-Diagram of Bogie Suburban Train	1/16" to 1' outline plan of 8 coach bogie suburban train set showing in red the smoking compartments My note: about 50-50 split	24.3.00	1900	6	-	PT-C	26	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11207 B	GER-Diagrams of Present Style & Proposed 6 Wheel & 4 Wheel Bogie Suburban Carriages	1" to 15' diagrams of 3 suburban trains all of the same length: present style wide carriages 15 vehicles, 4 wheel total length 429'10" seating 120 1 st , 300 2 nd , 343 3 rd =768; scheme 6 8 vehicles, 6 12 wheel 54'0" and two 8 wheel 45'2" seating 120 1 st , 300 2 nd , 384 3 rd = 804; scheme 7 wide carriage 9 vehicles 5 at 48'8", 2 at 43'5" and 2 and 41'5" all 4 wheel bogies 120 1 st , 300 2 nd , 372 3 rd = 792 Endorsed: an amended copy of Dg No 18CD	- .11.99	1899	6	-	PT	21	2
11209 Part	GER-Part Arrangement of 4 Wheeled Bogie Underframe for Suburban Brake Thirds	1½" to 1' sections and plan of part of underframe showing arrangement of dynamo and accumulators for Messrs Stones system of electric lighting	31.5.00	1900	6	-	PB	29	3
11221	GER-Part Arrangement of Underframe for Suburban Carriage with 6 Wheeled Bogie, shewing Arrangement of Dynamo &	1½" to 1' arrangement showing arrangement of apparatus My comment: too fragile to examine	30.5.00	1900	6	-	PB	6	3
11230	GER-Cap Nuts for S46-3/8", ½" 5/8" and ¾"	Full size sections of brass cap nuts to standard thread My comment: relates to display at Paris of No 1900	24.3.00	1900	6	-	PT-C	27	1
11237	GER-Plan shewing Permanent Way & Space between Sleepers for Engine No.1900 at Paris Exhibition	Metric plan of permanent way with text in French	14.3.00	1900	6	-	PT-C	11	1
11240	GER-4 Wheels Coupled Bogie Express Engines Class S46-Balancing Valve for Air Reversing Gear	Full size elevations and sections of valve	- .4.00	1900	6	-	PB-C	6	1
11245	GER-Four Wheels Coupled Bogie Express Engines Class S46-Diagram showing General Arrangement of Air Reversing Gear	6" to 1' elevations of gear undimensioned but with reference letters Endorsed: for description see report book (FVR)	- .4.00	1900	6	-	PB	22	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11252	GER-Alteration to Underframe of Restaurant Car to suit 6 Wheeled Bogies	1½" to 1' elevations and plan of 54'4½" steel underframe with details of bogie pivots Endorsed: to be returned to Taite & Carlton as speedily as possible being GER only copy	3.5.00	1900	6	-	PB	27	2
11287	GER-Key Plan of Bogie Suburban Train	1/10 plan of train My comment: too fragile to examine	24.5.00	1900	6	-	PB	6	4
11297	GER-Door Balancing Gear fitted with T Iron for Cattle Wagons	3" to 1' elevations and section of gear existing and proposed applied to steel framed stock	- .6.00	1900	6	-	TI-C	26	3
11305	GER-Third Class Saloon O50 Class	1" to 1' general arrangement of body and interior detail of clerestory roofed vehicle	19.7.00	1900	-	-	P	55	1
11318	GER-Diagram of Gradients Paris to Calais-Maritime	Unscaled gradient diagram and outline side elevation and formation of train headed by 4-4-0 engine	10.7.00	1900	6	-	PB	29	3
11320	GER-Diagram of Gradients between London (Liverpool St.) to Cromer	½" to 1 mile chart My comment: too fragile to examine	10.7.00	1900	6	-	PB	11	3
11326	GER-J. Stone & Co.-Patent "Eitherside" Handbrake as fitted to Wagons with Steel Underframes	1½" to 1' elevations and plan of frame showing brake gear Copy of SDO Dg No 1799 dated 18.7.00	18.7.00	1900	6	-	PB	29	2
11338	GER-Proposed Van for Permanent Way Men	¾" to 1' outline elevations and interior plan of 20' van, WB 13'0" with central door with 48 seats My comment: not built	8.8.00	1900	6	-	PT-C	5	2
11338	GER-Proposed Van for Permanent Way Men	¾" to 1' elevations and plan of 20'0" van to carry 48 men	14.8.00	1900	6	-	PT-C	12	2
11358	GER-Proposed Sliding Doors for Corridor Carriages	1½" to 1' elevations and plan of sliding door and full size details of rollers and locks with	14.9.00	1900	6	-	TI-C	6	3
11358	GER-Sliding Doors of Corridor Carriages arranged with Ball Bearings	Full size arrangement and details My comment: too fragile to examine	13.12.00	1900	6	-	PB	27	4
11376	GER Engine No 522-Section of Firebox Shell and Foundation Ring shewing Distortion	3" to 1' sections of firebox and ring	9.10.00	1900	6	-	P-C	29	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11384	GER-Section of Roof Bar showing Loose Washer instead of Nipple	Full size section of roof bar of engine firebox	20.9.00	1900	6	-	TI-C	26	3
11413	GER-Diagrams of Proposed Bogie Lavatory Carriages	3/8" to 1' interior plans of 48'3" composite and 3 rd class carriages; composite seats 16 1 st and 18rd with interior corridor 3 rd , 2xLav, 1 st , 1 st , 1 st , 1 st , 2xLav, 3 rd ; 3 rd Class carriage to seat 58 to same layout 3 rd , 2xLav, 3 rd , 3 rd , 3 rd , 3 rd , 2xLav, 3 rd	11	1900	6	-	PT	26	1
11425A	GER-Diagrams of 6 Wheeled Brake 3 rd Class Carriages	3/8" to 1' interior plans of Bk 3 rd class carriage 8'0" wide and proposed Bk 3 rd class carriage 8'6" wide both seating 30 passengers and compartments enlarged from 5'7" to 6'0"	25.3.01	1901	6	-	PT-C	26	1
11427 -1	Proposed saloon for H.R.H. The Princess of Wales	3/8" to 1' interior plan of 60'0" saloon	20.11.00		6			12	
11427 -2	Proposed saloon for H.R.H. The Princess of Wales	3/8" to 1' interior plan of 60'0" saloon	20.11.00	1900	6	-	PT-C	12	1
11427 -3	Proposed saloon for H.R.H. The Princess of Wales	3/8" to 1' interior plan of 60'0" saloon	20.11.00	1900	6	-	PT-C	12	1
11427 -4	Proposed saloon for H.R. H. The Princess of Wales	3/8" to 1' interior plan of 60'0" saloon	20.11.00	1900	6	-	PT-C	12	1
11427 -5	Proposed saloon for H.R. H. The Princess of Wales	3/8" to 1' interior plan of 60'0" saloon	20.11.00	1900	6	-	PT-C	12	1
11427 -6	Proposed saloon for H.R. H. The Princess of Wales	3/8" to 1' interior plan of 60'0" saloon	20.11.00	1900	6	-	PT-C	12	1
11431	GER-Sand Drying Furnace, Stratford	½" to 1' arrangement of furnace My comment: too fragile to examine	3.5.10	1910	6	-	TI	21	3
11449	Mr. Gooday's Suggested Scheme "A" for	Unscaled interior plan of bogie saloon-lav/lobby/boudoir/saloon/1 st /servants/2xla v							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
-1	Mr. Goody's Suggested Scheme "A" for Saloon for H.R.H. The Princess of Wales	Endorsed: proposed scheme for Princess of Wales Saloon-3 schemes Dg Nos 11449 for 60' and 52' carriages See letter 12.12.00 from Mr Goody	31.12.00	1900	6	-	CI	11	2
11449 Part	Proposed Saloon for H.R.H. The Princess of Wales- Mr. Goody's Scheme "A" -50' 0" model made - marked "B" on roof	3/8" to 1' interior plan of 50' bogie saloon on steel frame- lav/lobby/sn/sn/1 st /servants/2xlav Endorsed: 50' 0" model made marked "B" on roof	17.12.00	1900	6	-	PT-C	11	1
11454 -1	Mr. Drury's Suggested Arrangement of Saloon for H.R.H. The Princess of Wales	Unscaled diagram of carriage "say 50' long"	5.3.01	1901	6	-	PT	11	1
11454	GER-Proposed Saloon for H.R.H. The Princess of Wales	3/8" to 1' interior plan of 50'0" saloon arranged 1 st , saloon, lavatory and lobby, saloon, 1 st , servants and 2xLav on steel frame Endorsed: Mr Drury's scheme; marked A on roof	21.12.00	1900	6	-	PT-C	26	1
11481	GER-Diagram shewing Wide Suburban Bogie Carriage & GN & GN Joint line Loading & Construction Gauges	1" to 1' profile of loading and construction gauges	17.1.01	1901	6	-	PT	11	1
11492	Four Wheels Coupled Bogie Express Engine General Arrangement In envelope titled general arrangement engine & tender Claud Hamilton class	1½" to 1' sectional side elevation and plan of 4-4-0 engine	3.01	1901	-	-	P	55	1
11526	Diagram shewing GER Continental Wagon and Loading Gauge	1½" to 1' outline section showing increased width of new continental wagon against loading gauge	5.3.01	1901	6	-	PT-C	27	1
11532	GER-Diagram of Proposed Royal Saloon	½" to 1' interior plan of 50'0" saloon non corridor Endorsed: Mr Drury's scheme marked A on model	- .3.01	1901	6	-	PT-C	27	1
11535	GER-Diagram of 15 Tons Coal Wagon	1½" to 1' outline of wagon under loading gauge	13.3.01	1901	6	-	PT	27	1
11550	GER-Part Plan of Temple Mills Sidings shewing Proposed Water Hydrants	1½" to 100' plan of part of marshalling yard	19.3.01	1901	6	-	PT	11	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11553 Pt	Mishap to Truck Lifter Brooks-Sketch of Cromer Engine Pit showing nearest Light	1" to 33' plan of engine shed area showing solitary lamp standard	21.11.05	1905		-	PB	26	2
11562	GER-Diagram of 16 tons Coal Wagon	1½" to 1' outline elevations and plan of coal wagon 17' 10¼", depth 4' 7 3/8", wheelbase 10'6", inside width 8'0" Endorsed: these wagons will take 16 tons reckoning 40 cu ft per ton	11.4.01	1901	7	-	PT	12	2
11574 -1	GER-Royal Cypher as Received by Loco Dept	Full size drawing of cipher	15.4.01	1901	7	-	PB-C	11	3
11574 -2	GER-Royal Cypher with Monogram as in Original but Crown reduced to 7/8 th Size	Full size elevation of cipher	15.4.01	1901	7	-	P-C	26	3
11574 -3	GER - Royal Cypher with Monogram as in Original but Crown Reduced to ¾ size	Full size drawing of cipher	15.4.01	1901	7	-	PB-C	11	3
11591	GER-Temple Mills-Plan of Yard Shewing Suggested Alterations of Crossings by Mr. Bell	Plan of area near to wagon shop	3.5.01	1901	7	-	PB-C	11	4
11592	GER-Arrangement of Royal Saloon No 49	¾" to 1' general arrangement of 50' clerestory body Endorsed: revised 17.3.03	7.5.01	1901	-	-	P	55	1
11602	GER-Cast Steel Engine Driving Wheel	My comment: too fragile to examine, no index card	23.11.09	1909	7	-	P	11	2
11622	GER-Diagram of Proposed Ipswich Dock Tram Engine giving Wheelbase & Approximate Weights in each Pair of Wheels	½" to 1' diagram of wheelbase	31.5.01	1901	7	-	PB	11	2
11626	Proposed Alteration of Spring Hanging on Machine Trucks	3" to 1' details of alteration My comment: too fragile to examine	22.12.12	1912	7	-	TI-C	12	3
11628	GER-Position of Brake Pipes on GER Vehicles	1½" to 1' outline side elevations showing arrangement of Westinghouse and Vacuum pipes on passenger stock vehicles Endorsed: see later Dg No 13384 29.3.05	- .5.01	1901	7	-	PT	12	2
11659 Att	LNER-Proposed Additional Expansion Joint at L.H. End of Steam Pipe-Type J70 (C53)	¾" to 1' arrangement My comment: too fragile to examine	8.11.29	1929	7	-	TI-C	12	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11671	GER-Diagrams of Main Line and Suburban Brake Third Class Carriages	½" to 1' outline plan and end elevation of 32'0" and 27'0" stock	3.8.01	1901	7	-	PB	12	3
11671 -2	LNWR-Diagrams of Brake Carriages shewing Variations of L&NWR Stock	½" to 1' diagrams Copy of LNWR drawings My comment: too fragile to examine	7.8.01	1901	7	-	PB	11	4
11671 -3	L&SWR-Diagrams of GER Brake Carriages shewing Variations of L&SWR Stock	½" to 1' diagrams Copy of L&SWR drawing My comment: too fragile to examine	7.8.01	1901	7	-	PB	11	3
11671 -4	GER-Diagrams of Main Line and Suburban Brake third Class Carriages GER-Diagrams of GER Brake Carriages shewing Variations of CR stock	½" to 1' outline end profile and plan of two carriages with Caledonian Rly measurements superimposed	3.8.01	1901	7	-	PB	21	4
11671 -5	GER-Diagrams of Brake Carriages shewing Variations of GWR Stock	½" to 1' diagrams Copy of GWR drawing My comment: too fragile to examine	10.8.01	1901	7	-		11	4
11675	GNR-Asbestos Clothing on GN Engines-Asbestos Millboard for Loco Boilers	1½" to 1' exterior elevation and section of millboard for 5 boilers Copy of GNR drawing 13.5.01	14.8.01	1901	7	-	PT	12	1
11675 -1	GNR Asbestos Clothing on GN Engines-Asbestos Ring for Chimneys when Steaming	3" to 1' section of ring Copy of GNR Dg dated 13.4.01	14.8.01	1901	7	-	PT	11	1
11675 -2	GNR-Asbestos Mattress 2¼" for Back End of Cylinder	Full size plan of mattress Copied from GNR Dg dated 10.4.01	13.8.01	1901	7	-	PT	31	1
11675 -3	GNR-Asbestos Clothing on GN Engines-Asbestos Mattress (1" thick) for Front End	½" to 1' plan of mattress Copy of GNR drawing	13.8.01	1901	7	-	PT	12	2
11701	GER-Diagram of Proposed Low Floored Milk Van	½" to 1' elevation, section and plan of 31'6" van with 22'6" wheelbase on 2'9" wheels, 8'2" wide inside, timber bracing at end	30.10.01	1901	7	-	PT-C	11	2
11709	GER-Floor Plans of Royal Saloons Nos.31 & 49 - shewing Proposed Alteration to Servants Compartment in Saloon No.49	½" to 1' interior layout of 41' 0" saloon Endorsed: reject as per note in margin see No. 11712	14.1.02	1902	7	-	PT-C	11	2
11710	GER-Diagram of Royal Saloon No 49	½" to 1' interior plan of 50'0" saloon	14.1.02	1902	7	-	PT-C	11	2
11711	GER-Diagram of Royal Saloon No 49 showing Proposed Alteration of Servants Compartment	½" to 1' interior plan of 50'0" saloon	14.1.02	1902	7	-	PT-C	11	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11712	GER H.M. The King's saloon No.31 & H.M. The Queen's Saloon-Floor Plan of Proposed Alteration to the Servants' Compartment in Saloon No.49	½" to 1' interior plan of 41'0" saloon, diagram of Queen's saloon No 49 50'0", diagram of Queen's Saloon No 49 showing proposed alterations of servants compartment Endorsed: Dg No 11712 replaced Dg No 11709 10.11rejected by Mr. Gooday in favour of tracing No.11713	16.1.02	1902	7	-	PT-C	11	2
11713	GER-H.M. The Queen's Saloon-Proposed Alteration of the Servants Compartment-Schemes 1 & 2	½" to 1' outline interior plans showing arrangement of partitions; Scheme 1 called the Marlborough House, No 2 the Loco Dept scheme	20.1.02	1902	7	-	PT-C	11	1
11716	GER-Proposed Travelling Water Tank	¾" to 1' elevations and half plan of 28' bogie wagon, capacity 6220 gallons, 5'6" bogie wheelbase at 18' centres Endorsed: estimated cost £310 with Westinghouse brake	19.2.02	1902	7	-	PT-C	19	1
11773	GER-Proposed Low One-Horse Lorry	¾" to 1' elevations and plan of 11'6" long inside flat bed lorry	8.12.02	1902	7	-	TI-C	12	3
11946	GER-Norwich Goods Dept.-Steel Side Frames for Repairs to Travelling Crane Mo 165	1½" to 1' side elevation of cast steel frame	18.7.89	1889	7	-	PT-C	12	1
11947	GER-Plan of Ponds at March	Unscaled plan showing 7 ponds in unidentified location	25.3.08	1908	7	-	PT-C	11	4
11948	Ilford Urban District Council-Electric Lighting Plan of Underground Mains for Private Lighting	6" to 1 mile of area Endorsed: key plan showing bridges and level crossing in red Copy of W.T. Henley's Telegraph Works Dg No 1754 27.4.00	27.4.00	1900	7	-	BP	12	2
11949	Ilford Urban District Council-Electric Lighting Plan shewing Disposition of Cables at Railway Bridges	Unscaled plan of bridges west of Ilford station Copy of Henley plan	27.4.00	1900	7	-	BP	12	3
11950	Norwich Gasworks-Diagram shewing Proposed Arrangement of H.P Pipes from	Diagram of pipes and connections My comment: Arthur Chown drawing	2.11.94	1894	7	-	PT-C	12	2
11951	GER Parkeston-Screw Piles	½" to 1' details of piles	17.11.84	1884	7	M17	TI-C	12	3
	GER-Waltham Cross-Crossover Road 10	½" to 1' plan of crossover road							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11954	chains Radius-1 in 8 crossing showing 6 Wheel Coach & Bogie Coach on Curve	Copy of Engineer's Dg No A10671 My comment: too fragile to examine	31.7.99	1899	7	-	P-C	19	3
11955	Reversible Cutter Block	Full scale elevation and plan of block with explanatory notes Copy of Western & Co drawing	13.2.82	1882	7	M26	CI-C	31	1
11956	GWR-Cylinder Boring Machine	¼" to 1' elevations and plans of machine Copy of GWR drawing	25.8.79	1879	7	M26	TI-C	12	3
11958	Printing Frame and Details	3" to 1' arrangement of frame and details of components Drawn by WMDO by CAM	9.2.91	1891	7	M27	PT-C	11	2
11959	GWR-Moulding Machine	1½" to 1' elevations and sections of machine Copy of GWR Dg No 2080 dated 11.74	- .11.74	1874	7	M26	TI-C	26	3
11960	GWR-Model Motion	¼" to 1' elevations and plan of adjustable model motion Copy of GWR drawing My comment: too fragile to examine	17.3.87	1887	7	M27	TI-C	11	3
11961	GWR-Model Motion	3" to 1' elevations and sections of 'Engine Machine' Copy of GWR Dg dated 29.3.87	29.3.87	1887	7	M27	TI-C	26	3
11964	Bar Cutting Machine with Engine Attached	1½" to 1' elevations of machine, maker unknown Endorsed: too costly and unsuitable My comment: origin of machine not recorded	- .7.76	1876	7	M26	TI	26	3
11965	GER-Expanding Jack	Full size elevation of jack			7	M28	PT	12	1
11966	R. Stephenson's Patent Weighing Apparatus for Locomotive Engines	1½" to 1' sections showing arrangement of apparatus	-	1886	7	M27	BP	11	2
11967	GER Stratford-Oil Testing Machine-Napoli System	1/5 details of Napoli's patent	-	1889	7	M27	PB	11	4
11968	Tannett Walker & Co-Steam Spring Testing Machine	1½" to 1' elevations of machine Copy of Tannett & Walker & Co Dg No 3056 dated 5.7.77	- .7.77	1877	7	M27	TI-C	21	3
11969	LNWR-Sketch of Hair Carding Machine-LNWR Works, Wolverton	Detailed ink sketch of machine with layout of pulleys	4.10.77	1877	7	M27	CI	11	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11970	GWR-Bosh for Cooling Tyres of Road Vehicles	1½" to 1' details of bosh My comment: too fragile to examine	14.4.86	1886	7	M27	TI-C	11	3
11972	GS&WR-Carriage Wheel Balancing Machine	6" to 1' arrangement of machine Copy of G&SWR Dg No 3082 1.10.89	1.10.89	1889	7	M27	PB	12	2
11973	Tenoning Machine-Mr. Wheatley	3" to 1' arrangement of machine Copy of Wheatley drawing	4.10.01	1901	7	M27	PT	12	1
11974	L&SWR-3 Cutter Block for Ransome's 24" Panel Planer	½" to 1' details Copy of LSWR drawing My comment: too fragile to examine	14.11.78	1878	7	M26	TI-C	11	4
11975	Turning Lathes for Irregular Forms arranged for William Adams Esq Loco Supt GER by John Richards & Co.	3" to 1' elevations of machine Copy of J. Richards Dg No 100 dated 15.12.77 Endorsed: £100 not ordered	15.12.77	1877	7	M26	TI-C	21	3
11976	Stratford-Large Double Tenoning Machine-Powis, James Western & Co.	¾" to 1' arrangement of machine Copy of Powis, James Western drawing My comment: very fragile	30.4.74	1874	7	M27	TI-C	4	4
11977	Standard Teeth for Circular Saws	Full size part elevation of teeth for saws of 10 diameters ranging from 1' to 5'6", 45 teeth per saw	20.11.91	1891	7	-	TI-C	31	3
11978	GER-Temple Mills-Foundation for 25'-0" Steam Traverser, from Messrs Cowans Sheldon Co. Ltd.	¾" to 1' section of foundation and elevation of traverser Copy of Cowans, Sheldon Dg No 16253 dated 26.3.98	26.3.98	1898	7	-	TI-C	26	3
11979	GER-Temple Mills-Fixing for 7'-0" Cyclone	½" to 1' elevation of cyclone and fixing Copy of A. Ransome & Co Dg No 3813	29.11.97	1897	7	-	TI-C	12	3
11980	GWR-Laboratory at Swindon-Ground Plan	¾" to 1' plan of laboratory My comment: too fragile to examine	2.3.01	1901	7	-	P	12	4
11981	GWR-Laboratory at Swindon	1" to 4' elevations, sections and plans of building but no details of equipment Copy f GWR Dg No 4182 dated 2.3.01	1.3.01	1901	7	-	PB-C	21	1
11982	GWR-Laboratory	¾" to 1' plan of laboratory and arrangement of equipment Copy of GWR Dg No 4180 dated 3.10.90	3.10.90	1890	7	M17	TI-C	26	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11983	GWR-Proposed Engine Shed Patchway, Swindon	1" to 40' plan of shed and sidings with 55'0" turntable Copy of GWR Dg dated 7.1.97 with covering letter from Dean explaining features of layout as a matter of interest to Holden	7.1.97	1897	7	M18	TI-C	26	3
11984	GWR-Panel Drying Shed	3/8" to 1' elevations and plans of timber built shed Copy of GWR Dg dated 4.6.86	4.8.86	1886	7	M17	TI-C	26	3
11985	GWR-Block Plan of Road Wagon Shop shewing Positions of Machinery	1/8" to 1' plan of floor with schedule of machines Copy of GWR Dg No 6378 dated 22.11.86	22.11.86	1886	7	-	BP	11	1
11986	Midland Rly-Coaling Stage	1/8" and 1/4" to 1' elevations and plans of stage Copy of MR Dg No 182/75	25.11.75	1875	7	M17	TI-C	12	3
11987	GWR- Plan of Testing House at Swindon & Sections of Troughs	1/8" to 1' plan of test house and 1 1/2" to 1' sections of troughs for chains	20.11.91	1891	7	-	TI-C	31	3
11988	L&YR-Plan of Testing House at Horwich	1/8" to 1' plan showing arrangement of machinery Copied from L&YR Dg dated 28.11.91	28.11.91	1891	7	-	TI-C	31	3
11989	L&YR-Arrangement of Chain Testing Shop	1/8" to 1' layout of shop Copy of LYR drawing undated	28.11.91	1891	7	-	TI-C	21	3
11990	GWR-Mechanics Institution; New Swindon	1" to 8' ground plan of building showing interiors	4.10.01	1901	7	-	BP	21	4
11991	Diagram of Construction Gauges of 11 French Railways	Unscaled lithograph showing dimensions	30.4.78	1878	7	-	TI	21	2
11992	Metropolitan Railway-Loading Gauges-Local Lines between Bishops Road and Moorgate	1" to 1' profile with dimensions My comment: very fragile fragment	30.1.70	1870	7	-	TI-C	12	4
11993	Metropolitan Railway-Structure Loading Gauge	1/2" to 1' sections of various MR lines Copy of Metropolitan Rly Dg No 4605/2303	5.5.86	1886	7	M18	PT	12	2
11994	Metropolitan Rly-Loading Gauge for Vehicles Running from GN or Midland Rlys over Widened Line to Moorgate St. Station	1" to 1' profile with dimensions Copy of MR drawing My comment: too fragile to examine	20.1.71	1871	7	M19	TI-C	11	4
		1" to 1' profile with dimensions							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
11995	Metropolitan Rly-Loading Gauge	Copy of MR drawing My comment: too fragile to examine	14.1.71	1871	7	M16	TI-C	11	4
11996	Midland Rly-Section and Elevation of 85Lb Rail	Full size section of rail Copy of Midland Railway drawing	20.4.85	1885	7	-	Litho	12	3
11997	Midland Railway-Loading Gauge	½" to 1' profile with dimensions	16.4.80	1880	7	M18	TI	12	2
11998	L&SWR-Construction Gauge	1" to 1' gauge profile Copy of LSWR plan	8.87	1887	7	M18	Litho	26	2
11999	L&NWR Rly-Maximum Structure & Maximum Load Gauges	¾" to 1' profile with dimensions Copy of LNWR Dg No 964	4.10.89	1889	7	M18	BP	11	2
12001	GNR-Diagram of Over & Under Bridges on the Luton & Dunstable Branch	½" to 1' sections	20.5.95	1895	7	M18	PT	11	1
12002	LD&ECR-Diagram of Gradients	1" to 1' diagram of gradients	1.9.96	1896	7	M18	BP	11	2
12003	L & YR-Standard Structure Gauge-June 1900	½" profile for new works and reconstructions Copy of L&YR Dia 2B dated 13.1.02	13.1.02	1902	7	-	P	21	2
12004	GNR-Wagon Loading Gauge	½" to 1'lithographed elevation of timber gauge Copy of GNR drawing undated	-	-	7	M18	Litho	21	2
12005	LSWR-Diagram showing Maximum Heights & Widths of Loco Stock when Axles & Tyres	1" to 1' profile with dimensions Copy of LSWR drawing undated	-.-.98	1898	7	-	PB	21	3
12006	GNR-Diagram showing Maximum Heights & Widths of Loco Stock when Tyres & Axles	1" to 1' profile with dimensions Copy of GNR(I) drawing undated	-.-.98	1898	7	-	BP	21	1
12007	Caledonian Rly-Diagram showing Maximum Heights & Widths of Loco & Carriage Stock when Axles & Tyres are New	1" to 1' end profile of engine with dimensions Copy of CR Dg No 9064 undated	-.-.98	1898	7	-	BP	21	1
12008	LB & SCR-Diagram showing Maximum Heights & Widths of Loco & Carriage Stock when Axles & Tyres are New	1" to 1' end profile of engine with dimensions Copy of LBSCR Dg No 4474 undated	-.-.98	1898	7	-	P	21	2
12009	Highland Rly Diagram shewing Maximum Heights & Widths of Carriage Stock when	½" to 1' profile with dimensions My comment: too fragile to examine	1898	1898	7	-	P	11	2
12010	MR-Diagram shewing Maximum Heights & Widths of Carriage & Wagon Stock when Axles & Tyres are New	1" to 1' gauge profile with table of dimensions Copy of MR Dg	-	1898	7	-	Litho	26	1
12011	Highland Rly-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' elevation of engine with table of dimensions Copy of HR Dg	-	1898	7	-	P	26	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12012	Rhondda & Swansea Bay Rly-Diagram shewing Maximum Heights & Widths of	1" to 1' profile with dimensions Copy of R&SB Rly drawing	-	1898	7	-	BP	11	1
12013	GNSR-Diagram showing Maximum Heights & Widths of Loco & Carriage Stock when Axles & Tyres are New	1" to 1' end profile of engine with dimensions Copy of GNSR Dg dated 30.7.98	-.-.98	1898	7	-	BP	21	1
12014	SECR-Gradients of Maine Line	1" to 2 miles gradient diagrams for London Bridge to Dover My comment: too fragile to examine	2.12.98	1898	7	M18	TI-C	11	2
12015	Midland & Great Western of Ireland Rly-Diagram of Load Gauge shewing Maximum	1" to 1' gauge profile Copy of M&GWR Dg dated 20.7.98	20.7.98	1898	7	-	BP	19	1
12016	Barry Rly-Diagram showing Maximum Heights & Widths of Loco & Carriage Stock when Axles & Tyres are New	1" to 1' end profile of engine with dimensions Copy of BR drawing undated	-.-.98	1898	7	-	BP	21	1
12017	Glasgow & South Western Rly-Diagram shewing Maximum Heights & Widths of Loco Stock when Tyre & Axles are New	1" to 1' profile of engine and construction gauge Copy of G&SWR drawing	28.7.98	1898	7	-	BP	11	1
12018	Maryport & Carlisle Rly-Diagram shewing Maximum Heights & Widths of Loco Stock when Tyre & Axles are New	1" to 1' profile of engine and construction gauge Copy of M&CR drawing	11.7.98	1898	7	-	P	11	2
12019	LC & DR-Diagram shewing Maximum Heights & Widths of Loco & Carriage Stock	1" to 1' profile of engine and gauge Copy of LC&DR Dg No 2828 12.7.98	12.7.98	1898	7	-	BP	12	1
12020	GNR-Load Gauge & Lowest Projection on Engine	1" to 1' profile of crank axle against gauge Copy of GNR drawing dated 2.7.98	2.7.98	1898	7	-	P	21	1
12021	NER-Diagram of Loading Gauge shewing Maximum Heights & Widths of Carriage Stock when Tyres & Axles are New	1" to 1' profile of engine and construction gauge Copy of NER Dg No 708B	12.7.98	1898	7	-	P	11	3
12022	NER - Diagram showing Maximum Heights & Widths of Loco & Carriage Stock when Axles & Tyres are New	1" to 1' end profile of engine with dimensions Copy of NER Dg No 4517 dated 12.7.98	12.7.98	1898	7	-	P	21	2
12023	GCR-Load Gauge	1" to 1' profile with dimensions Copy of GCR drawing dated 14.7.98	14.7.98	1898	7	-	BP	12	2
12024	GCR-Diagram shewing Maximum Heights & Widths of Loco Stock when Tyres & Axles are New	1" to 1' front elevation of engine with dimensions Copy of GCR Dg No 4878 dated 27.7.98	27.7.98	1898	7	-	P	26	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12025	LT & SR Diagram showing Maximum Heights & Widths of Loco & Carriage Stock when Axles & Tyres are New	1" to 1' end profile of engine with dimensions Copy of LTSR Dg No 923 dated 14.7.98	14.7.98	1898	7	-	BP	21	1
12026	NLR-Diagram shewing Maximum Heights & Widths of Loco etc. Stock when Tyres & Axles are New	1" to 1' profile of engine and construction gauge Copy of MLR Dg No KK36	13.7.98	1898	7	-	Litho	11	2
12027	East & West Junction and Stratford-on-Avon Towcester & Midland Junction Rly- Particulars of Extreme Dimensions of Rolling	1" to 1' profile of engine and construction gauge See also L&Y diagram No.2871	1898	1898	7	-	P	11	1
12028	Furness Rly-Diagram shewing Maximum Heights & Widths of Wagon Stock when	1" to 1' gauge profile Copy of FR Dg	16.7.09	1898	7	-	P	26	2
12029	Furness Rly-Diagram shewing Maximum Heights & Widths of Carriage Stock when	1" to 1' profile of engine and gauge Copy of FR drawing dated 16.7.98	16.7.98	1898	7	-	P	12	2
12030	Furness Rly-Diagram shewing Maximum Heights & Widths of Carriage Stock when	1" to 1' profile of engine and gauge Copy of FR drawing dated 16.7.98	16.7.98	1898	7	-	P	12	2
12031	Waterford, Limerick & Western Railway- Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of WL&WR Dg No 741 dated 18.7.98	18.7.98	1898	8		BP	53	1
12032	TVR-Maximum Construction Gauge	1" to 1' front elevation of engine with a table of dimensions Copy of TVR Dg dated 19.7.98	19.7.98	1898	8		P	53	2
12033	Midland & Great Western Railway Ireland- Diagram of Load Gauge shewing Maximum Heights & Widths of Carriage Stock when	1" to 1' end elevation of carriage with a table of dimensions Copy of M&GWR Dg dated 25.7.98	25.7.98	1898	8		BP	53	1
12034	SER-Diagram shewing Maximum Heights & Widths of Carriage & Wagon Stock when Axles & Tyres are New	1" to 1' end elevation of carriage with a table of dimensions Copy of SER Dg No 1188 dated 27.7.98	19.7.98	1898	8		P	53	1
12035	GWR-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of GWR Dg dated 27.7.98	27.7.98	1898	8		PB	53	1
12036	NSR-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of NSR Dg No 1788 dated 29.7.98	29.7.98	1898	8		P	53	1
12037	NBR-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres	1" to 1' front elevation of engine with a table of dimensions	29.7.98	1898	8		P	53	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12037	Widths of Loco Stock when Axles & Tyres are New	Copy of NBR Dg dated 29.7.98	29.7.98	1898	8		P	53	5
12038	Great Southern & West of Ireland Railway-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of GS&WR Dg No 5310 dated 29.7.98	29.7.98	1898	8		P	53	1
12039	Wirral Railway-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of WR Dg dated 29.7.98	29.7.98	1898	8		Litho	53	1
12040	NSR-Diagram shewing Maximum Heights & Widths of Carriage Stock when Axles & Tyres are New	1" to 1' end elevation of carriage with a table of dimensions Copy of NSR Dg No 1787 dated 29.7.98	29.7.98	1898	8		P	53	1
12041	SER-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of SER Dg dated 27.7.98	27.7.98	1898	8		P	53	2
12042	GNSR-Diagram shewing Maximum Heights & Widths of Carriage & Wagon Stock when Axles & Tyres are New	1" to 1' end elevation of carriage with a table of dimensions Copy of GNSR Dg dated 30.7.98	30.7.98	1898	8		BP	53	1
12044	Cambrian Railway-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of Cambrian Dg dated 30.7.98	30.7.98	1898	8		P	53	1
12045	L&NWR-Diagram shewing Maximum Heights & Widths of Wagon Stock when Axles & Tyres are New	1" to 1' end elevation of wagon with a table of dimensions Copy of L&NWR Dg dated 30.7.98	30.7.98	1898	8		P	53	2
12046	Hull, Barnsley & West Riding Joint Railway & Docks Co- Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of H&B&WRJR&D Co Dg dated 4.8.98	4.8.98	1898	8		P	53	2
12047	District Railway-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of DG Dg dated 8.8.98	8.8.98	1898	8		Litho	53	1
12048	MR-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of MR Dg No 98-4512 dated 23.8.98	23.8.98	1898	8		PB	53	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12050	LT&SR-Construction and loading gauge	¾" to 1' profile Copy of LTSR drawing Endorsed: a copy of this was mounted and varnished and supplied to Mr S.D. Holden 27.5.04	28.1.04	1904	8	-	TI	33	3
12106	GCR-Load Gauge with Profile of Proposed GER Carriage	1½" to 1' profile showing GER lookouts exceeding the gauge by ½" each side Copy of GCR drawing	8.1.06	1906	8	-	BP	33	1
12107	MR-Standard Gauge for Maximum Rolling Structures	2" to 1' profile Copy of MR Dg dated 28.12.05	28.12.05	1905	8	-	TI	28	3
12108	GNR-Loading Gauges	1" to 1' half sections showing main line and Metropolitan Rly (Inner Circle & Widened Lines) gauges Copy of GNR Dg No 167	22.12.05	1905	8	-	BP	33	1
12109	NLR-Rests for Coupling Rods & Boring Bars	3" to 1' My comment: too fragile to examine	29.9.73	1873	8	M17	TI-C	33	4
12110	NLR-Fitters Bench	3" to 1' elevations and plan of bench Copy of NLR Dg No 6	1.10.73	1873	8	M17	TI-C	33	4
12111	N.L.R. Shop Fittings-Shelves for Motion Details	3" to 1' details of shelves Copy of NLR Dg dated 11.4.77 My comment: too fragile to examine	11.4.97	1897	8		TI-C	53	3
12112	NLR-Shop Fittings-Carpenters Bench (as used in LNWR Works, Crewe)	1 ½" to 1' elevations and plans of bench My comment: too fragile to examine	10.4.77	1877	8	-	TI	28	4
12113	GER-Marine Dept-Design for Pillow Slips & Sheets	3" to 1' plan showing embroidered design	1888	1888	8		PT	53	1
12114	GER-Marine Dept-Monogram for Table Cloths & Serviettes	Full size drawing of cipher c.9" diameter inscribed Great Eastern Railway Co, with flag in centre and MARINE 1888 below	-	1888	8	-	PT	33	1
12115	Improved Chair for Joints for Double Headed Rail	Full size elevation and plan of chair Copy of Edwards Dg No 18 dated 25.4.74	25.4.74	1874	8	M18	TI-C	28	3
12116	Apparatus for Controlling a Signal from two or More Cabins by a Single Wire-A.M.Thompson Patent	Elevations of pulleys for horizontal and vertical position of apparatus My comment: too fragile to examine	-	-	8		Litho	28	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12117	B.J. Hall's Patent Cylindrical Printing Frame- Sketch shewing Method of Obtaining Tension on Covers	Sketch shewing Method of Obtaining Tension on Covers with correspondence with GER inviting a demonstration Copy of B.J. Hall Dg No 12/202	9.2.03	1903	8	-	P-C	33	3
12118	Sketch of Dynamo Accumulator Repair House Sketch of Arrangement of Dynamo Suspension Frame for Testing Dynamos	Unscaled drawings showing apparatus Copy of Stone & Co Dg No K975 dated 16.5.01	16.5.01	1901	8	-	BP	28	1
12119	J. Stone & Co.'s New Patent Electric Lighting System for Railway Carriages-Arrangement of Dynamo and Accumulator Repair House	¼" to 1' plan of repair house and arrangement of equipment and 1½" to 1' details of cell cleaning troughs and lead lined acid trough Copy of Stone & Co Dg No R492 dated 6.5.01	6.5.01	1901	8	-	BP	28	1
12120 -24	Low One Horse Lorry	½" to 1' diagram showing a Type A container loaded; dicky to be removed and brake operated from side Endorsed: Dg No 28402	24.12.28	1928	-	-	P	28	2
12120	GER-80 lbs Iron Rail	Full size section of rail and elevation of end Copy of Engineers Dg No 4030	-	-	8	-	PT	33	3
12121	GER-80 lbs Bull Headed Rails	Full size section and elevation of rail end Copy of Engr Dg No 17086	No date		8		Litho	53	2
12122	GER-Section of Bridge Rail	Full size section of rail Endorsed: see Dg No 5906 16.11.81	31.1.77	1877	8	-	TI	28	4
12123	GER-Section of Rail for 18" Tramway	Full size section of flat bottom rail 1 1/3" high	14.9.77	1877	8	-	PT	33	3
12124	GER-Section of Bridge-rail	Full size section of rail Copy of Engineers drawing	4.3.78	1878	8	-	PT-C	33	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Endorsed: see Dg No 5906 16.11.81							
12125	GER-85 lbs Bull Head Steel Rail	Full size section and elevation of end of rail Copy of Engineers Dg No A9906	5.98	1898	8	-	Litho	33	2
12126	GER-85 lbs Bull Headed Steel Rail	Full size section of rail and elevation of end showing position of holes Endorsed: rail 30' long, sleepers 2'9½" centre and 2'2" at joint of rails, No 11 sleepers to a length of rail; sleepers 10" x 5" x 9'0" long Copy of Engrs Dg No 9906	- .5.98	1898	8	-	Litho	28	3
12127	Gladley v GER	1" to 1' elevation of carriage axle and full size elevation of fracture and calculations by Mr Pether CE relating to accident at Hackney Downs 25.4.02	4.02	1902	8		PT	53	1
12128	GER Park-Plan showing Lines and Sidings adjacent to Messrs. Cull & Rooks Nursery	Unscaled plan shewing position of nurseries in alleged smoke nuisance case Copy of Engrs Dg dated 3.00 My comment: too fragile to examine	3	1900	8		P	53	4
12129	GER-Gradley v GER	1" to 66' plan of Hackney Downs junction shewing distances & positions of tunnels etc Copy of Engineers drawing My comment: too fragile to examine	4.02	1902	8	-	P-B	33	4
12130	GER-Hackney Downs	1" to 1' plan shewing diamond crossing and formation of 6.50 a.m. passenger train at Hackney Downs junction after mishap on April 25 th 1902 Copy of Engineers drawing My comment: too fragile to examine	1.4.02	1902	8	-	P-B	33	4
12131	GER-Mishap to 6.50 a.m. Passenger Train in Chingford to Liverpool Street near North	1" to 66' plan of route from Clapton Tunnel to Hackney Downs showing derailed train with schedule of vehicles	- .4.02	1902	8	-	C-P	28	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Junction, Hackney Downs 25 April 1902	Endorsed: prepared for Gradley V GER; prepared by inspector Stokes of the Running Dept 4.02							
12132	Edmonton Union	Diagram of lines in Edmonton Union showing paris boundaries, mileage and gradients in support of rating appeal	-	-	8	-	PT-C	33	3
12133	Chelmsford Union-Rating Case	Gradient chart Shenfield to Hatfield Peverel and names of parishes	-	-	8	-	PT-C	28	2
12134	NLR-Safety Valves for New Stationary Boiler at Bow	Full size elevations of valves Copy of NLR Dg No 234 dated 26.8.74 My comment: too fragile to examine	26.8.74	1874	8	M22	TI-C	28	3
12135	Semi-Portable Boiler-Davey Paxman & Co.	1½" to 1' elevation and section of horizontal boiler length 12'5½" Copy of Davey, Paxman Dg No 1273 dated 1.9.83	1.9.83	1883	8	M22	TI-C	28	2
12136	NBR-Boiler for New Shops-Cowlairs Works	1½" to 1' arrangement of boiler My comment: too fragile to examine	29.2.76	1876	8	M22	TI-C	28	3
12137	GWR-Oscillating Engine Cylinder 6" x 7"	½" to 1' arrangement of cylinder Copy of GWR Dg dated 10.7.79 My comment: too fragile to examine	10.7.79	1879	8	M23	TI-C	28	3
12138	Brotherhood's Patent 3 Cylinder Engine arranged for Driving Cranes	1½" to 1' elevations of 3 cylinder engine Copy of Brotherhood Dg dated 3.76	- .3.76	1876	8	M23	TI-C	28	3
12139	Brotherhood's Patent 3" 3 Cylinder Reversing Engine	3" to 1' elevation of engine Copy of Brotherhood Dg dated 14.10.84	14.10.84	1884	8	M23	TI-C	28	2
	Horizontal Compound Mill Engine	¼" to 1' elevations and plan of engine Simpson & Co, Pimlico engraving plate No 21							
	General Arrangement of Compound Engine	¼" to 1' elevation of beam engine Simpson & Co, Pimlico engraving plate No 21							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12140	Detailed Report on Official Trial of Two Engines and Pumps at the Chelsea Water Works Co, Engines E & F from 31.5.67 to 1.6.67 Official Trial of Three Independent Rotative Woolf Compound Beam Engines at Fried Krupp's Water Works, Bredenei on the Rhur	Schedule of results Report undated	4.6.67	1867	8	M23	Litho	28	1
12141	Proposed Arrangement of 50000cu ft Gas Exhauster Steam Engine	1" to 1' elevations of engine Copy of Bryan Donkin & Co Ltd Dg No 29/860	14.10.90	1890	8	M23	TI-C	33	4
12142	Arrangement of Gas Compressor Engine	1½" to 1' elevation of compressor traced from Belliss Dg No 56/129	17.4.84	1884	8	M23	TI-C	33	3
12143	Arrangement of Gas Compressor showing Holding down Bolts and Position of Connections	1½" to 1' elevations and plan of compressor Copy of G.E. Belliss & Co Ltd Dg No 56/129	10.4.94	1894	8	M23	P-C	33	3
12144	8 H.P. Gas Compressor-W. Pope & Son Ltd Cyl 9" x 6" x 14" stroke	3" to 1' elevation and plan of compressor Copy of W. Pope & Son, Slough Dg No 1174 dated 21.11.96	21.11.96	1896	8	M23	BP	54	2
12145	GER-Stratford Gas Works-Gas Meter Valve & Box	Full size details of components Copy of DG No LF 419 My comment: too fragile to examine	3.03	1903	8		P	54	4
12146	GER-Stratford Gas Works-Gas Compressor Low Pressure Piston or Inlet Valve	Full size half elevation and plan of piston Made by Bellis & Co, Birmingham SDO drawing	4.7.94	1894	8		PT-C	54	1
12147	Arrangement of Gas CompressorBellis's gas compressor	1 ½" to 1' arrangement of compressor Copy of Bellis & Co Dg No 56/118 dated 19.11.92	19.11.92	1892	8		PT	53	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12148	Fire Engine Details	3" to 1' details of numerous components for steam fire engine Copy of Earles Shipbuilding Engineering Co, Hull Dg 3364 dated 23.3.93	23.3.93	1893	8		BP	53	2
12149	Cylinders for Steam Fire Engine	3" to 1' sections and plan of cylinders Copy of Earles Shipbuilding Engineering Co, Hull Dg 3363 dated 23.3.93	23.3.93	1893	8		BP	53	1
12150	NLR-Wall Engine, Bow-Throttle Valve	Full size section of valve Copy of NLR Dg No 358D dated 16.12.74	16.12.74	1874	8		TI-C	53	2
12151	Stationary Engine-Peller Valve Motion for Pumping Engine with Cylinders Diameter 3" by 8" stroke	Full size details of valve Copy of Ormerod & Grierson drawing Endorsed: shows also diagram of path My comment: too fragile to examine	11.2.70	1870	-	-	PT-C	28	4
12152	Stanhope Patent Water Purifier-General Arrangement for No 10	½" to 1' arrangement comprising elevated lime tanks Copy of Cordner, Allen & Co Ltd drawing	18.3.86	1886	8	M17	BP	33	2
12153	Foundation Plan for Stanhope Patent Water Purifier	1" to 1' details and plans of foundation Copy of Cordner, Allen & Co Ltd drawing	18.3.86	1886	8	M17	BP	33	2
12154	Tweddell's Engine & Pump	Unscaled elevations and sections of engine Copy of Messrs Fielding & Platt, Gloucester Dg No 4226/6577	10.3.86	1886	8	M23	BP	33	2
12155	GER Boiler Shop 6" Three Throw Pump to Supply Power to Hydraulic Rivetter	6" to 1' arrangement of pump Copy of J. Stannah drawing	17.2.88	1888	8	M23	TI	33	4
12156	Combined Engine & Pump Tweddell's System	1 ½" to 1' elevations and plans of engine and pump Copy of Fielding & Platt, Gloucester Dg No 4227 dated 10.3.1886	10.3.88	1888	8	M23	TI	54	2
		Full size elevation, section and plan of pump							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12157	Tijou's Patent Steam Feed Pump	Copy of Tijou Dg dated 1.6.68 My comment: parts of plan neatly cut out and removed	1.6.68	1868	8	-	PT-C	28	3
12158	GER Stratford-Pumping Station-Differential Engine Boiler & Pumps (Davey's Patent)	½" to 1' arrangement of engine Copy of Hawthorn, Davis, Campbell & Davey Dg dated 20.7.75	20.7.75	1875	8		TI-C	53	3
12159	GER Stratford Steam Pump	Full size arrangement of steam pump Copy of Ormerod, Grierson & Co Dg No 829	19.2.70	1870	-	-	TI-C		4
12160	GWR-30' 6" Telescopic Gas Holder, Worcester	½" to 1' elevation and sectional plan of gas holder 23' 9" high Copy of GWR Dg No 4020	3.8.82	1882	8	M17	PB	33	3
12161	GWR-Brackets, Centre Pillar, Columns and Wheels for Telescopic Gas Holder,	½" and 3" to 1' details of components Copy of GWR drawing	11.8.82	1882	8	M17	PB	33	4
12162	GWR-W.I. Tank, Standard L.P. Oil- Gas Holder	3" to 1' details of components Copy of GWR drawing My comment: too fragile to examine	10.8.82	1882	8	M17	PB	33	4
12163	GWR-Wrot Iron Tank for Low Pressure Oil Gas Holder	1½" to 1' plan and sections of 17' 0 1/8" diameter tank 11' 6" high Copy of GWR drawing	16.6.90	1890	8	M17	BP	33	1
12164	GWR Gas Works Plant-Details for Tank, etc. For Low Pressure Oil Gas Holder	6" to 1' details of fittings Copy of GWR Dg No L8945 dated 23.6.91	23.6.91	1891	8	M17	BP	33	2
12165	GWR-Standard Low Pressure Oil Gas Holder	¾" to 1' plan and elevation of 16' 0" diameter holder 24' 0" high Copy of GWR Dg No L8910	6.9	1890	8	M17	BP	33	2
12166	GWR-Column & Girder for Low Pressure Oil Gas Holder	1 ½" to 1' elevations of steelwork and 6" to 1' detail of bracket Copy of GWR Dg No L8954 dated 17.11.91	17.11.91	1891	9	M17	BP	44	1
12167	GWR-Altered Foundation for Low Pressure Oil Gas Holder	¾" to 1' elevation, plan and section of foundation Copy of GWR Dg No L9690 dated 17.11.91	17.11.91	1891	9	M17	BP	44	1
12168	GWR-Standard Alteration to Rollers, Roller Carriages & Counterbalance Gear Low	Full size and 6" to 1' details of components	17.11.91	1891	9	M17	BP	44	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12168	Carrages & Counterbalance Gear-Low Pressure Oil Gas Holder	Copy of GWR Dg No L9705 dated 17.11.91	17.11.91	1891	9	M17	BP	44	1
12169	GER Stratford Erecting Shop-Crab for 30 Tons Travelling Crane	1 ½" to 1' elevations of crab Copy of Tannett & Walker drawing My comment: too fragile to examine	17.2.75	1875	9	M2	TI-C	44	4
12170	GWR Hydraulic Lift for Riveter	Full size sections and elevations of lift Copy of GWR Dg No 5015L dated 18.3.98	18.3.98	1898	9	M25	BP	44	1
12171	GNR Peterboro Sheer Legs	Three pages of sketches by J. Platt, GER Peterborough, sent with memo to Works Manager	24.10.76	1876	9	M25	P	44	2
12172	LB&SCR-3 Ton Steam Crane	1" to 1' elevations and sections of 9'0" gauge steam crane	11.1.77	1877	9	M25	TI-C	30	4
12173	10" Sluice Valve-Guest & Chrimes	Full size plan of flange Copy of Guest & Chrimes Dg	-	-	9	M25	Litho	26	3
12174	Stop Cock Valve	3" to 1' elevation of valve Copy of Thos Beggs & Son drawing	-	-	9	M25	TI-C	30	4
12175	L&YR Traverser for Locos	1" to 1' elevation, plan and section of traverser Copy of LYR drawing My comment: too fragile to examine	20.11.84	1884	9	M25	TI-C	44	4
12176	GWR Swindon-45' 0" Dia Turntable for N.G. Shed	1½" to 1' elevation, section and plan of well type turn table Copy of GWR Dg No 5739 dated 8.88	7.9.88	1888	9	M25	BP	38	2
12177	Foundation of Ransomes & Rapier 50'0" Turntable	Copy of Ransomes & Rapier drawing	10.11.88	1888	9	M25	PT	30	2
12178	GER Stratford Running Dept-Arrangement of 50ft Engine Turn Table	¾" to 1' elevation, plan and section Copy of Eastwood, Swingler, Derby drawing Endorsed: not done	15.12.83	1883	9	M25	TI-C	39	3
12179	50'0" Engine Turntable (Deep Pit)	½" to 1' plan of pit and centre and side elevation of turntable and full section of pathway rail Copy of Ransomes & Rapier Dg No 16645	10.11.88	1888	9	-	P	30	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Endorsed: for foundation as made see Dg No 7818 My comment: too fragile to examine							
12181	GER-Stratford Running Department-Arrangement of 50' 0" Dia Turntable - J. Butler & Co.	Copy of J. Butler & Co drawing Endorsed: not carried out My comment: too fragile to examine	14.9.88	1888	9	M26	TI-C	36	4
12182	GER Stratford-Arrangement of 50 ft. Engine Turn Table-Eastwood Swingler, Derby	½" to 1' elevations, section and plan of turntable Copy of Eastwood, Swingler drawing Endorsed: not carried out My comment: too fragile to examine	19.9.88	1888	9	M26	PB	26	4
12183	GER-55' 0" Engine Turntable (Shallow Pit)	½" to 1' plan and elevation of turn table Copy of Ransome & Rapier Ltd Dg No 4831 dated 22.2.06	15.3.06	1906	9		P	38	4
12184	LNWR-Gas Apparatus for Brazing Tubes	1½" to 1' arrangement of apparatus Copy of LNWR drawing Endorsed: for details see GER Dg No 12185	18.10.73	1873	9	M16	TI-C	47	4
12185	LNWR-Gas Blow Pipe for Brazing Tubes	Full size sections of blowpipe Copy of LNWR Dg No 8	18.10.73	1873	9	M16	TI-C	35	3
12186	Tube Brazing Apparatus Dusseleorf	Full size sections and plans of apparatus Copy of Oscar Scholzig Dg 183 supplied by LSWR dated 25.6.79	25.6.79	1879	9	M16	TI-P	29	3
12187	GER-Case Hardening Furnace	½" to 1' elevation and plan of furnace	12.11.80	1880	9	-	PB	22	3
12189	GER-Restaurant Cars-Gas Cooking Range "en avant"	1½" to 1' details of cooker My comment: too fragile to examine	9.11.00	1900	9	-	TI-C	10	3
12190	GWR Furnace for Heating Apparatus for Offices-Swindon Works	1 ½" to 1' elevations and sections of heater Copy of GWR drawing dated 9.90	9.9	1890	9	-	TI-C	44	3
12191	Sketch of Heating Tank for Foot Warmers, Broad Street Terminus	1½" to 1' details of tank Copy of NLR drawing dated 16.9.75	16.9.75	1875	9	-	TI-C	22	4
12192	Cupolas Anderton Foundry Co	¾" to 1' elevations of cupolas Copy of Anderton Dg My comment: too fragile to examine	20.10.77	1877	9	M16	TI-C	26	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12194	Voisins Patent Flameless Cupola	1" to 1' sectional elevations of cupola	-	-	9	M16	TI-C	35	4
12196	L&NWR-Small Cupola Weland's Patent	¾" to 1' details of cupola	25.7.76	1876	9	M16	TI-C	22	4
12197	NLR-Steam Hammer Shop Reheating Furnaces (Stanley's Patent)	¾" to 1' details My comment: too fragile to examine	26.9.74	1874	9	M16	TI-C	35	4
12198	Steel Melting Furnace-Willans Patent	3/8" to 1' sectional elevations of furnace Endorsed: not carried out	Undated	-	9	M16	TI-C	35	3
12199	Private Owners Wagons-Tank Wagons for Conveying Class A Inflammable Liquids	Printed draft specification of wagon 14' 11" over headstocks, steel frame My comment: produced by GER's printer	4.02	1902	9		P	35	1
12200-2	GER-14 Tons Machine Wagon	¾" to 1' diagram of 25'6" truck	7.6.09	1909	9	-	P	22	3
12257	GER-Chingford Goods Yard	1" to 208.33" scale Ordnance Survey plan, 1897 edition of area	14.2.01	1902	12	M14	P	54	3
12302	Taff Vale Railway-Diagram shewing Maximum Heights & Widths of Loco Stock when Axles & Tyres are New	1" to 1' front elevation of engine with a table of dimensions Copy of TVR Dg dated 19.7.98	19.7.98	1898	8		P	53	"
12351	POW-Tank Wagons for Conveying Class A Inflammable Liquids-Frame Details, Buffer Guides & Tank Supports	1½" and 3" to 1' details of components Copy of POW Dg No W4/1902 Endorsed: scheme only to accompany draft specification dated 4.02	- .4.02	1902	9	-	P	28	2
12352	Private Owners Wagons-Tank Wagon for Conveying Class A Inflammable Liquids-Dg No V	6" to 1' elevations, section and plan for 9" x 4" journal	4.02	1902	9		Litho	39	!
12353	Private Owners Wagons-Tank Wagon for Conveying Class A Inflammable Liquids-Wheels & Axles & Bearing Spring	1 ½" to 1' elevation and section of wheel set and 6" to 1' half elevation of bearing spring	4.02	1902	9	-	Litho	40	1
12354	Private Owners Wagons-Tank Wagons for Conveying Class A Inflammable Liquids-Stuffing Box & Valve Gear	6" to 1' details of valve and other components	4.02	No date	9		Litho	35	1
12355	Private Owners Wagons-Tank Wagons for Conveying Class A Inflammable Liquids-Details of Manhole and Cover, also Spring Shoes & Stops-Dg S	3" to 1' sections and plans of components and full size details	- .4.02	1902	9	-	P	20	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12356	Private Owners Wagons-Tank Wagons for Conveying Class A Inflammable Liquids-Alternative Method of Securing Tank to Frame Drg B	¾" to 1' outline elevations and half plan of tank wagon My note: similar to GE oil tank wagon	- .4.02	1902	9	-	P	22	1
12357	Private Owners Wagons-Tank wagon for Conveying Class A Inflammable Liquids	¾" to 1' end elevations and section of steel framed tank wagon Endorsed: scheme only to accompany draft specification dated 4.02 Copy of POW Dg P dated 4.02	4.02	1902	9	-	Litho	44	1
12358	Private Owners Wagons- GER-Tank Wagon for Conveying Class A Inflammable Liquids-General Arrangement	¾" to 1' elevation and half plan of 14' 11" cylindrical tank wagon, 6' 4" diameter, capacity 2836 gallons, with steel frames	4.02	1902	9	-	Litho	41	1
12359	Private Owners Wagons-Mr. Emmett's Proposed 15 Tons Coal Wagon	¾" to 1' general arrangement of 18' 8 plank open wagon with wood frames Copy of Emmett Dg No A	21.11.02	1902	9		BP	38	1
12360	Private Owners Wagons-Mr. Emmett's Proposed 15 Ton Coal Wagon submitted to Railway Clearing House Committee 21.11.02	1½" to 1' section of wheel set and 6" to 1' sections of tyres Copy of Dg No 27	9.3.03	1903	9	-	BP	32	1
12361	Private Owners Wagons-Mr. Emmett's Proposed 15 Ton Coal Wagon submitted to Railway Clearing House Committee 21.11.02	6" to 1' elevations and sections of axlebox for 9" x 4½" journals Copy of Dg No 28	9.3.03	1903	9	-	BP	32	1
12362	Private Owners Wagons-Mr. Emmett's Proposed 15 Ton Coal Wagon submitted to Railway Clearing House Committee 21.11.02	6" to 1' elevations and sections of axlebox for 9" x 4½" journals Copy of Dg No 29	9.3.03	1903	9	-	BP	32	1
12363	Private Owners Wagons-Mr. Emmett's Proposed 15 Ton Coal Wagon submitted to Railway Clearing House Committee 21.11.02	3" to 1' elevations and section of Gedges hooks and couplings Copy of Dg No D	9.3.03	1903	9	-	BP	32	1
12364	Private Owners Wagons-Mr. Emmett's Proposed 15 Ton Coal Wagon submitted to Railway Clearing House Committee 21.11.02	3" to 1' elevations and sections of components Copy of Dg No 30	9.3.03	1903	9	-	BP	32	1
12365	Private Owners Wagons-Mr. Emmett's Proposed 15 Ton Coal Wagon submitted to Railway Clearing House Committee 21.11.02 and Approved-Details of Ironwork	3" to 1' details of 7 components	9.3.03	1903	9	-	BP	32	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12366	Private Owners Wagons-Mr. Emmett's Proposed 15 Ton Coal Wagon submitted to	3" to 1' details of components Copy of Dg No 32	9.3.03	1903	9	-	BP	32	1
12367	Private Owners Wagons-Mr. Emmett's Proposed 15 Ton Coal Wagon submitted to	3" to 1' details of components Copy of Dg No 33	9.3.03	1903	9	-	BP	32	1
12368	Private Owners 15 Ton Wagons-Oil Axlebox	6" to 1' elevation, sections and plan of axlebox for 9" x 4 ½" journals Copy of MR drawing dated 7.12.04 My comment: two drawing with variations	7.12.04	1904	9	-	PB	44	2
12369	Private Owners Wagons-Oil Axle Box Proposed by Midland Rly as amended by GER	Full size elevations, sections and plan of axle box Copy of MR drawing	8.12.04	1904	9		PB	38	3
12370	Private Owners Wagons-Proposed Method of Preventing Brasses being Stolen from Axle Boxes (2 Schemes)	6" to 1' details Endorsed: not carried out Copy of GWR drawing My comment: too fragile to examine	5.2.03	1903	9	-	TI-C	5	4
12371	GWR-Manhole Cover and Valve Gear for 20 Ton Tank Wagons	3" to 1' sections and plan of manholes Copy of GWR Dg dated 12.02	- .12.02	1902	9	-	PB	31	2
12372	Private Owners Wagons-Bogie for 30 & 40 Ton Wagons-Private Owners Wagons	1" to 1' elevations, section and plan of bogie Copy of GWR amended proposal POW Dg C3	- .4.03	1903	9	-	PB	10	2
12373	GWR Amended Proposal-Bearing Spring & Detail for Diamond Framed Bogies	½" to 1' details of components Copy of GWR Dg No G3 PO Wagons	28.5.03	1903	9		BP	35	3
12374	Private Owners Wagons-Bogie Centre & Bolster Side Bearings for 30 & 40 Tons Wagons	3" to 1' details of bearings Copy of POW Dg J3 dated 5.93 Endorsed: GWR amended proposal	- .5.03	1903	9	-	PB	30	2
12375	Private Owners Wagons-Alternative Bogie Centre for 30 & 40 Tons Wagons	3" to 1' details of centres Copy of POW Dg J3A dated 5.03 Endorsed: GWR amended proposal	- .5.03	1903	9	-	PB	30	2
12376	Private Owners Wagons-Bogie Centre & Bolster Side Bearing for 30 & 40 Ton Wagons	3" to 1' elevation, section and plan of components Copy of POW Dg J5A dated 2.02	2.02	1902	9	-	PB	44	2
12377	Private Owners Wagons-Bogie Centre & Bolster Side Bearing for 30 & 40 Ton	3" and 6" to 1' details of components Copy of GWR Dg No POW J3B 2.02	- .2.02	1902	9	-	PB	19	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12378	Private Owners Wagons-C3 Bogie Arrangement for 30 & 40 Tons Wagons	1½" to 1' elevations and plan of 5' 6" wheelbase bogie	3.02	1902	9		PB	38	2
12379	Private Owners Wagons-Wheels, Axles & Tyre Sections for 20, 30,& 40 Tons Wagons	1 ½" to 1' elevation and section of 10 spoke wheel and axle and 6" to 1' section of 5 tyres Copy of GWR drawing	2.02	1902	9		PB	35	2
12380	Private Owners Wagons-Wheels, Axles, Tyre Sections for 20, 30 & 40 Tons Wagons-GWR Proposed Amendment	1 ½" to 1' elevations and section of 10 spoke wheel and axle and 6" to 1' sections of 4 tyres Copy of GWR Dg No E3 dated 29.11.02	29.11.02	1902	9		BP	35	2
12381	Wheels ans Axle, Axle and Tyre Sections for 20 Ton Wagons	Various scaled details of components for wheels with cast iron boss and wrought iron boss and spoke Copy of Dg 52 PO Wagons dated 11.02 and endorsement Endorsed: GER proposals in absence of amended drawing from Mr Churchward	11.02	1902	9		Litho	53	1
12382	Wheels and Axle, Axle and Tyre Sections for 20, 30, 40 Tons Wagons	1½" and 3" to 1' elevations and sections of components Copy of RCH Dg E3 PO Wagon GWR as originally passed by RCH	2.02	1902	9		BP	46	1
12383	Wheels, Axles and Tyre Sections for 20 Ton Wagons	1½" and 3" to 1' elevations and sections of components Copy of RCH Dg E52 PO Wagon GWR as originally passed by RCH	11.02	1902	9		PB	46	1
12384	Standard 12 Tons Wagon with Timber Underframe-GWR Proposal	¾" to 1' general arrangement of 16' 7 plank open wagon 4' 2" deep Copy of Private Owners Wagons Dg A5 dated 11.02	11.02	1902	9		PB	47	1
12385	Standard 12 ton Wagon with Iron or Steel Underframe-GWR Proposal	¾" to 1' general arrangement of 16' 7 plank open wagon 4' 2" deep Copy of Private Owners Wagons Dg A6 dated 11.02	11.02	1902	9		PB	47	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12386	Wheels and Axles for 12 Ton Wagons-GWR Proposal	1½" to 1' elevation and section of wheel set and 6" to 1' sections of 3 tyres Copy of Private Owners Wagons Dg C1 dated 11.02	11.02	1902	9		PB	47	2
12387	Bearing Spring for 12 & 15 Ton Wagons-GWR Proposal	6" to 1' half plan and section of 6 plate spring Copy of Private Owners Wagons Dg K2 dated 11.02	11.02	1902	9		PB	47	2
12388	Oil Axlebox for 12 & 15 Ton Wagons-GWR Proposal	6" to 1' sectional elevations and plans of axlebox for 10" x 5" journals Copy of Private Owners Wagons Dg D1 dated 11.02	11.02	1902	9		PB	47	2
12389	Oil Axlebox for 30 & 40 Ton Wagons-GWR Proposal	6" to 1' sectional elevations and plans of axlebox for 10" x 5" journals Copy of Private Owners Wagons Dg D3 dated 2.02	2.02	1902	9		PB	47	2
12390	Oil Axlebox for 12 & 15 Ton Wagons-GWR Proposals	6" to 1' sectional elevations and plans of axlebox for 10" x 5" journals Copy of Private Owners Wagons Dg D4 dated 11.02	11.02	1902	9		PB	47	2
12391	Oil Axlebox for 20 Tons Wagon-GWR Proposal	6" to 1' sectional elevations and plans of axlebox for 10" x 5" journals Copy of Private Owners Wagons Dg G2A dated 5.02	5.02	1902	9		PB-C	47	2
12392	Private Owner 20 Ton Waggons and 20 Ton Tank Waggons Oil Axlebox-GER Proposal	Unscaled sketch showing proposed variation from original blue print G2A and present Dg 46	30.12.03	1903	9		TI	47	2
12393	Wheels & Axles for Private Owners 20 & 40 Tons Wagons-GWR Proposal	6" to 1' elevations and sections of spoked wheels Copy of Private Owners Wagons Dg No 52A dated 11.04	16.3.05	1905	9		PB	47	2
12394	Wheels & Axles for Private Owners 8 & 10 Ton Wagons-GWR Proposal	6" to 1' elevations and sections of spoked wheels Copy of Private Owners Wagons Dg dated 6.12.04	16.3.05	1905	9		PB	47	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12395	Wrought Iron Buffer Guides for Private Owners 30 & 40 Ton Private Owners Wagons-Taff Vale Rly Proposal	3" to 1' sections and plan of guide Copy of Private Owners Wagons Dg O3 dated 3.02 and TVR Dg dated 5.5.02	3.5.02	1902	9		BP	47	1
12396	Private Owners Wagons-Proposal by Taff Vale Rly-Oil Axlebox for 20 Tons Wagon	6" to 1' section, elevation and plan of axlebox Copy of Dg No 2 PO Wagons dated 2.02	5.5.02	1902	9		BP	35	1
12397	20 Tons Coal Wagon with Steel Body	¾" to 1' side elevation and half end elevation of 21' 6" steel framed wagon with steel sides and wooden end opening door Taff Vale Rly proposed alteration to Dg No B2 PO Wagons Copy of TVR Dg No 1646W	5.5.02	1902	9		BP	35	1
12398	Private Owners Wagons-Taff Vale Rly Proposed Alterations to Dg NoA2 Arrangement of 20 Ton Coal Wagon with Wood Body	¾" to 1' side elevation and half end elevation of 21' 6" steel framed wooden bodied open Copy of TVR Dg No 1645W	5.5.02	1902	9		BP	35	1
12399	Private Owners Wagons-Wheels and Axles for 15 & 30 Tons Wagons	1 ½" to 1' elevation of wheel and axle and 6" to 1' section of tyre Copy of GWR Dg No 29B dated 11.04	16.3.05	1905	9	-	PB	44	2
12400	Private Owners 12 Tons Wagons-Proposed Bearing Spring-10 plates 4" x ½"	3" to 1' elevation and section of 10 plate spring	16.3.05	1905	9		PB	38	3
12401	Private Owners Wagons-Wheels & Axles for 12 Ton Wagons	1½" to 1' elevations and sections of wheel and axle and 6" to 1' section of tyre Copy of Private Owners Wagons Dg No 29A	- .9.04	1904	10	-	Litho	8	2
12402	Private Owners 8 or 12 Tons Wagons-Proposed Bearing Spring	3" to 1' elevation, section and plan of 9 plate spring 3' 8½" long	16.3.05	1905	10	-	PB	8	3
12403	Private Owners Wagons-Oil Axle Box for 20 Ton Wagons (Open Fronted)	6" to 1' elevations, sections and plans of axlebox Copy of Private Owners Wagons Dg No C2 GWR dated 2.6.02	2.6.02	1902	10	-	BP	8	1
12404	Private Owners Wagons-Open Fronted Oil	6" to 1' elevations, sections and plans of axlebox	2.6.02	1902	10		BP	8	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12404	Axle Box for 30 & 40 Ton Wagons	Copy of Private Owners Wagons Dg No D3 GWR dated 2.6.02	2.6.02	1902	10	-	BP	8	1
12405	Private Owners Wagons-Bearing Spring & Details for Diamond Framed Bogies	6" to 1' elevation, plan and section of components Copy of Private Owners Wagons Dg No G3 GWR dated 2.02	- .2.02	1902	10	-	BP	8	1
12406	Private Owners Wagons-Bogie Centre & Bolster Side Bearings for 30 & 40 Tons Wagons	3" to 1' sections and plan of bogie Copy of Private Owners Wagons Dg No J3	- .2.02	1902	10	-	BP	7	1
12407	Private Owners Wagons-Bogie Centre & Bolster Side Bearings for 30 & 40 Tons Wagons	6" to 1' elevations, sections and plan of bearings Copy of Private Owners Wagons Dg No J3	- .2.02	1902	10	-	BP	7	1
12408	Private Owners Wagons-Oil Axlebox for 20 Tons Wagons	6" to 1' elevations, sections and plans of axlebox Copy of Private Owners Wagons Dg No G2A	- .5.02	1902	10	-	PB-C	7	1
12409	Private Owners Wagons-General Arrangement of Bogie (Diamond Frame) for 30 & 40 Tons Wagons	1½" to 1' arrangement of 5'6" wheelbase bogie Copy of Private Owners Wagons drawing	- .3.02	1902	10	-	BP	7	1
12410	Private Owners Wagons-General Arrangement, 20 tons Coal Wagon with Wood Body	¼" to 1' general arrangement of steel frames 21'6" body with 2 side doors and 2 pairs of in floor Copy of Private Owners Wagons drawing	- .5.02	1902	10	-	PB	7	1
12411	Private Owners Wagons-General Arrangement, 20 Tons Coal Wagon with End Doors	¾" to 1' general arrangement of wagon Copy of Private Owners Wagons drawing	- .5.02	1902	10	-	PB	7	2
12412	General Arrangement, 30 Tons Bogie Wagon with Wood Body	¾" to 1' general arrangement of 32' open wagon Copy of Private Owners Wagons drawing My comment: too fragile to examine	- .5.02	1902	10	-	PB	7	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12413	Private Owners Wagons-General Arrangement, 40 Tons Coal Wagon with Wood Body	¾" to 1' general arrangement of 43' wood body Copy of Private Owners Wagons drawing My comment: too fragile to examine	- .5.02	1902	10	-	PB	7	2
12414	Drg No B2 Private Owners Wagons-20 Tons Coal Wagon with Steel Body	¾" to 1' body arrangement of 21'6" steel open wagon with 2 side doors, 4'9" deep, width 7'11", 12' wheelbase and 2 bottom doors Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12415	Drawing B3-Private Owners Wagons-30 Tons Coal Wagon with Steel Body	¾" to 1' general arrangement of 32'0" steel body 4'9" deep, 7'8" wide; 5'6" wheelbase bogie, 21' centres Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12416	Dg B4-Private Owners Wagons-General Arrangement 40 Tons Bogie Coal Wagon with Steel Body	¾" to 1' arrangement of wagon Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12417	Dg D2-Private Owners Wagons-Bearing Spring & Details for 20 Tons Wagons	¾" to 1' arrangement of wagon Endorsed: to RCH 5.02, see 4.7.02 minutes; see Dg No 14147 for amended drawing My comment: too fragile to examine	5.02	1902	10		PB	36	3
12418	Dg No D3A-Private Owners Wagons-Oil Axle Box for 30 and 40 Tons Wagons	6" to 1' elevations, sections and plans of oil axlebox Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12419	Dg E2-Private Owners Wagons-Ironwork Details for 20 Tons Wagons-Bottom Door Fastening for 20, 30, 40 Tons Wagons	3" to 1' details of components Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	3.02	1902	10		PB	36	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12420	Dg F2-Private Owners Wagons-Ironwork Details for 20 Tons Wagons	3" to 1' details of components Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12421	Dg F3-Private Owners Wagons-Buffering Spring & Buckle for 20, 30 & 40 Tons Wagons	3" to 1' details of components Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	3.02	1902	10		PB	36	3
12422	Dg G2-Private Owners Wagons-Frame Details for 20 Tons Wagon with Wood Body	3" to 1' details of components Endorsed: to RCH 5.02, see 4.7.02 minutes; see Dg No 14153 for amended drawing My comment: too fragile to examine	3.02	1902	10		PB	36	3
12423	Dg H2-Private Owners Wagons-Frame Details for 20 Tons Wagons	3" to 1' details of components Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12424	Dg No K3-Private Owners Wagons-Ironwork Details for 30 and 40 Tons Wagons	3" to 1' details of numerous components Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12425	Dg No L3-Private Owners Wagons-Ironwork Details for 30 and 40 Tons Wagons	3" to 1' details of numerous components Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12426	Dg No M3-Private Owners Wagons-Frame Details	1½" and 3" to 1' details of numerous components Endorsed: to RCH 5.02, see 4.7.02 minutes My comment: too fragile to examine	5.02	1902	10		PB	36	3
12427	Private Owners Wagons-Frame Details 30 & 40 Ton Wagons	3" to 1' details of joints for wood and steel frames Copy of Private Owners Wagons Dg No 13	- .3.02	1902	10	-	Litho	8	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12428	Private Owners Wagons-Buffer Guides and Buffing Spring Shoes-20,30 & 40 Ton Wagons	3" to 1' elevations, sections and plan of components Copy of Private Owners Wagons Dg No O3	- .5.02	1902	10	-	PB	8	1
12429	Private Owners Wagons-Drawbar Hooks & Couplings for 20,30 & 40 Ton Wagons	3" to 1' elevation and plan of components Copy of Private Owners Wagons Dg No P3	- .3.02	1902	10	-	Litho	8	2
12430	Private Owners Wagons-General Arrangement of 40 Tons Bogie Coal Wagon with Wood Body	¾" to 1' general arrangement of wood bodied wagon Copy of Private Owners Wagons drawing My comment: too fragile to examine	- .3.03	1903	10	-	PB	30	3
12431	Private Owners Wagons-General Arrangement with Wood Frame-Mr Emmetts Proposed 15 Tons Coal Wagon	¾" to 1' general arrangement of 18'11½" 6 plank open wagon Copy of Emmett Dg No A dated 5.11.02 Endorsed: submitted to RCH Ctte 11.11.02 and not approved	5.11.02	1902	10	-	BP	29	1
12432	Private Owners Wagons-General Arrangement with Wood Frame-Mr Emmetts Proposed 15 Tons Coal Wagon	¾" to 1' general arrangement of 18'11½" 6 plank open wagon Copy of Emmett Dg No A dated 5.11.02 Endorsed: submitted to RCH Ctte 11.11.02 and not approved	5.11.02	1902	10	-	BP	29	1
12433	Private Owners Wagons-Wheels & Axle & Tyre Sections-Mr Emmett's Proposed 15 Tons Coal Wagon	½" to 1' elevations and section and 6" to 1' sections of tyre Copy of Emmett Dg No B dated 7.11.02 Endorsed: submitted to RCH Ctte 11.11.02 and not approved	7.11.02	1902	10	-	BP	29	1
12434	Private Owners Wagons-Axlebox-Mr Emmetts Proposed 15 Tons Coal Wagon	6" to 1' sections and plans of axlebox Copy of Emmett Dg No C dated 7.11.02 Endorsed: submitted to RCH Ctte 11.11.02 and not approved	7.11.02	1902	10	-	BP	29	1
12435	Private Owners Wagons-Drawbar Hooks & Couplings-Mr Emmetts Proposed 15 Tons	3" to 1' elevations and plans of Gedges and drawhook Copy of Emmett Dg No D dated 7.11.02	7.11.02	1902	10	-	BP	29	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Coal Wagon	Endorsed: submitted to RCH Ctte 11.11.02 and not approved							
12436	Private Owners Wagons Bearing Spring & Shoes-Mr Emmetts Proposed 15 Tons Coal Wagon -	3" to 1' elevations and sections of springs Copy of Emmett Dg No E dated 7.11.02 Endorsed: submitted to RCH Ctte 11.11.02 and not approved	7.11.02	1902	10	-	BP	29	1
12437	Private Owners Wagons Details of Ironwork-Mr Emmetts Proposed 15 Tons Coal Wagon	3" to 1' details of brake gear lever guard, V hanger, push rod guide, push rod, etc Copy of Emmett Dg No F dated 7.11.02 Endorsed: submitted to RCH Ctte 11.11.02 and not approved	7.11.02	1902	10	-	BP	29	1
12438	Private Owners Wagons-Details of Ironwork-Mr Emmetts Proposed 15 Tons Coal Wagon	3" to 1' elevations and sections of brake block, buffer rod, guide, etc Copy of Emmett Dg No G dated 7.11.02 Endorsed: submitted to RCH Ctte 11.11.02 and not approved	7.11.02	1902	10	-	BP	29	1
12439	Private Owners Wagons-Details of Ironwork-Mr Emmetts Proposed 15 Tons Coal Wagon	3" to 1' details of axleguard stay, bottom door fastening, drawbar cradle and intermediate drawbar Copy of Emmett Dg No H dated 7.11.02 Endorsed: submitted to RCH Ctte 11.11.02 and not approved	7.11.02	1902	10	-	BP	29	1
12440	Tank Wagon	1½" to 1' elevations of 15'1" wood framed tank wagon 1300 gallons Copy of Darlington Wagon & Engineering Co drawing dated 20.1.93	20.1.93	1893	10	M12	BP	21	1
12441	Darlington Wagon & Engineering Co.-10 Ton Coal Wagon	1½" to 1' elevations and plan of 6 plank 15' open wagon Copy of DW&E drawing dated 11.9.01	11.9.91	1891	10	M10	BP	16	2
12442	Darlington Wagon & Engineering Co.-Tank Wagon for Beckton Gas Co	1½" to 1' elevations and plan of 15'6" tank wagon Copy of DW&E drawing	22.6.91	1891	10	M12	BP	16	2
12443	Gloucester Wagon Co.-10 Ton Coal Wagon,	1" to 1' general arrangement of wagon for The Time Coal Co	22.9.91	1899	10	M10	BP	16	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12443	Time Coal Co.	Copy of Gloucester Dg No 1981 My comment: too fragile to examine	5.5.98	1898	10	M10	P	10	5
12444	10 Ton Coal Wagon (Wood Underframe) for W. Chandler built by Gloucester Wagon Co.	1" to 1' general arrangement of open wagon My comment: too fragile to examine	25.5.99	1899	10	M10	P	9	3
12445	Messrs. Small & Sons 10 Ton Coal Wagon-Proposed Hinge for Top Board over Side Door	3" to 1' elevation of doorway Copy of Gloucester C&W Dg No 1857 dated 8.9.97	8.9.97	1897	10	-	BP	9	3
12446	Coal Wagon, S.J. Claye Ltd.	1" to 1' general arrangement of 15'5" 5 plank open wagon with steel frames Copy of S.J. Claye drawing	11.6.96	1896	10	M10	BP	9	1
12447	Private Owners Wagons-Arrangement of Top Plank for Standard 10 Tons Wagons	1½" to 1' elevations of upper part of wagon for Buckenham & Co, Stoke Ferry Copy of S.J. Claye Dg No 746 dated 18.1.06	18.1.06	1906	10	-	BP	9	1
12448	10 Ton Coal Wagon (Steel Underframe) for Messrs. B.M. Tate & Son	1½" to 1' general arrangement of 6 plank 15' open wagon Copy of Birmingham RC&W drawing	17.7.94	1894	10	M10	P	36	4
12449	8 Ton Coal Wagon for A.W. Itter	1 ½" to 1' general arrangement of 16' 6 plank open wagon with steel frames Copy of Birmingham RC&W Dg No 7471	20.1.97	1897	10	M10	P-C	36	3
12450	10 Ton Coal Wagon with Side Doors and Steel Frame	1½" to 1' general arrangement of 15' 6" 7 plank steel framed open for R. Coller & Son Copy of Birmingham RC&W Co Dg No 5276	6.8.92	1892	10	M10	P-C	36	3
12451	10 Ton Coal Wagon with Wood Underframe	¾" to 1' general arrangement of coal wagon Copy of Metropolitan RC&W Co drawing My comment: too fragile to examine	24.4.00	1900	10		P	36	4
12452	8 Ton Coal Wagon	¾" to 1' general arrangement with specification Copy of Metropolitan RC&W drawing	22.4.91	1891	10	M10	P	36	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		My comment: too fragile to examine							
12453	10 Ton Coal Wagon for Messrs. Bessey & Palmer	¾" to 1' general arrangement Copy of Metropolitan RC&W drawing My comment: too fragile to examine	25.7.92	1892	10	M10	P	36	4
12454	10 Ton Coal Wagon for Christie, Ipswich	¾" to 1' general arrangement of 14' 11" 7 plank open wagon Copy of Metropolitan RC&W g No 8	15.8.92	1892	10	M10	P	36	4
12455	Coke Wagon for Messrs. A. Beaumont & Co., Ipswich	¾" to 1' general arrangement of 16' 6 plank wagon with detachable coke rails Copy of Metropolitan RC&W Co Dg No 13 Endorsed: 3 built	13.12.92	1892	10	M10	P	36	3
12456	10 Ton Coal Wagon	¾" to 1' general arrangement of 14' 11" 6 plank open with wood frames Copy of Metropolitan RC&W Dg No 2	18.12.93	1893	10	M10	P	36	3
12457	10 Ton Coke Wagon	¾" to 1; elevation and plan of coke wagon Copy of Metropolitan Wagon Co drawing My comment: too fragile to examine	6.11.93	1893	10	M10	P-C	31	4
12458	Private Owners Wagons-8 Ton Coal Wagon	¾" to 1' arrangement of wagon for J. Heath, Wyvenhoe Copy of Metropolitan Railway Carriage & Wagon Co. drawing My comment: too fragile to examine	26.1.93	1893	10	M10	Litho	9	4
12459	Private Owners Wagons-8 Ton Coal Wagon	¾" to 1' arrangement of wagon Copy of Metropolitan Railway Carriage & Wagon Co. drawing My comment: too fragile to examine	3.7.94	1894	10	M10	Litho	9	3
12460	Private Owners Wagons-10 Ton Coal Wagon	¾" to 1' arrangement of wagon Copy of Metropolitan Railway Carriage & Wagon Co. drawing My comment: too fragile to examine	2.5.94	1894	10	M10	Litho	9	3
	10 Ton Coal Wagon	¾" to 1' arrangement of 14' 11" wood framed wagon 3'9" deep							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12461		Copy of Metropolitan RC&W drawing for Beaumont, Ipswich My comment: too fragile to examine	12.6.94	1894	11	M10	P	48	3
12462	10 Ton Coal Wagon	¾" to 1' arrangement of wood framed wagon 3'9" deep Copy of Metropolitan RC&W drawing My comment: too fragile to examine	18.6.94	1894	11	M10	P	48	3
12463	Alternative Design for End of Bearing Spring for Private Owners Wagons	Full size elevation of spring end Copy of Metropolitan RC&W drawing dated 12.6.94	17.3.94	1894	11	M10	P	48	3
12464	8 Ton Coal Wagon	¾" to 1' arrangement of wood framed wagon Copy of Metropolitan RC&W drawing My comment: too fragile to examine	18.6.94	1894	11	M10	P	48	3
12465	8 Ton Coal Wagon	¾" to 1' arrangement of wood framed wagon Copy of Metropolitan RC&W drawing My comment: too fragile to examine	2.6.94	1894	11	M10	P	48	3
12466	8 Ton Coal Wagon	¾" to 1' arrangement of wood framed wagon 3'9" deep Copy of Railway C&W Co drawing My comment: too fragile to examine	1.4.95	1895	11	M10	P	48	2
12467	8 Ton Coal Wagon-Wood Underframe	¾" to 1' arrangement of wood framed wagon Copy of Metropolitan RC&W drawing My comment: too fragile to examine	7.11.95	1895	11	M10	P	48	4
12468	8 Ton Coal Wagon-Steel Underframe	¾" to 1' arrangement of steel framed wagon Copy of Metropolitan RC&W drawing My comment: too fragile to examine	20.9.95	1895	11	M10	P	48	3
12469	8 Ton Coal Wagon	1" to 1' general arrangement of dumb buffered 14' 6" open wagon, 5 plank 3' 0" deep body with raised end Copy of Midland Wagon Co drawing	-	-	11	M10	BP	40	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12470	Standard Coal Wagon 8 Ton	¾" to 1' general arrangement of 15' 0" open wagon, 5 plank 3' 7" deep body with leter and specification Copy of Midland RC&W Co Dg No MW2999	5.3.91	1891	11	-	BP	40	2
12471	10 Ton Coal Wagon for H. Abbott & Co, Leytonstone	1 to 1' general arrangement of 15' 0" open wagon, 7 plank 4' 0" deep body Copy of Midland RC&W Co Dg No 2772	2.11.92	1892	11	M10	BP	40	1
12472	Standard 10 Ton Coal Wagon	1" to 1' general arrangement of 16' 0" open wagon, 6 plank 4' 0" deep for W. Chandler Copy of Midland RC&W Co Dg No 2775	11.9.92	1892	11	M10	BP	40	1
12473	10 Tons Coal Wagon	1" to 1' general arrangement of 15' 0" open wagon, 6 plank 3' 7" deep body for Sterry Bros, Lowestoft Copy of Midland RC&W Co Dg No 2775	20.12.92	1892	11	M10	BP	40	2
12474	8 Tons Pressed Steel Frame Wagon for Mr J. Royle, Southend -on-Sea	1" to 1' general arrangement of 15' 0" open wagon, 5 plank 3' 2" deep body Copy of Midland RC&W Co Dg No 2782	28.2.94	1894	11	M10	BP	40	1
12475	Untitled (Buffer)	Full size section and elevation of self contained buffer for 5' 6" gauge Copy of Midland RC&W Co Dg No 2339	31.3.94	1894	11	M13	BP	40	1
12476	Arrangement of Side doors for 15Ft Wagon	1 ½" to 1' elevation of 6 plank body 4' 5" deep showing top hinged plank for Lord's Wagons Copy of Midland R&CW Co Dg No 2680	16.5.05	1905	11	-	BP	40	1
12477	Proposed 10 Ton Lime Wagon for Thomas Moy Ltd, Colchester	¾" to 1' general arrangement of 15' 0" peak roofed wagon 5' 1" sides, 7' 3" high overall Copy of Thomas Moy drawing	3.96	1896	11	M10	PT	40	1
12478	10 Ton Coal Wagon for Thomas Moy & Co. Peterboro	¾" to 1' arrangement of 7 plank 15' 0" open wagon, body 3' 10 ½" deep Copy of Thomas Moy drawing	5.3.96	1896	11	M12	PT	40	1
12479	10 Ton Coal Wagon for J. Parry, Halesworth	¾" to 1' general arrangement of 7 plank 15' 0" open wagon body 3' 8 ¼" deep	16.9.96	1896	11	M10	OI	40	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of Thomas Moy drawing							
12480	10 Ton Coal Wagon for R. Collier & Son Kings Lynn	¾" to 1' general arrangement of 8 plank 15' 6" open wagon, 3' 9 ½" deep with 1 ½" to 1' detail of wheel and axle Copy of Thomas Moy drawing	3.10.91	1891	11	M10	PT-C	40	2
12481	8 Ton Coke Wagon for Gas Light & Coke Co. Beckton	¾" to 1' general arrangement of 5 plank 16' 5" open wagon with coke rails, 3' 4" deep Copy of Thomas Moy drawing	10.1.93	1893	11	M10	PT-C	40	2
12482	Proposed 10 Ton Coal Wagon for James Heath, Wyvenhoe near Colchester	¾" to 1' general arrangement of 7 plank 15' 0" open wagon body 3' 10 ½" deep Copy of Thomas Moy drawing	26.6.93	1893	11	M10	PT-C	40	2
12483	Proposed 10 Ton Coal Wagon for Thomas Moy Ltd.	¾" to 1' general arrangement of 7 plank 14' 11" open wagon body 3' 10 ½" deep Copy of Thomas Moy drawing	30.10.93	1893	11	M10	PT-C	40	2
12484	Proposed 10 Ton Coke Wagon for Thomas Moy Ltd.	¾" to 1' general arrangement of 6 plank plus 3 coke rails 16' 6" open wagon, body 5' 8" deep Copy of Thomas Moy drawing	30.10.93	1893	11	M10	PT-C	40	1
12485	Coke Wagon for J. Rochford	1" to 1' general arrangement of 5 plank 17' 0" open wagon body 3' 0" plus 2' 10" coke rails Copy of Harrison & Camm Dg No 135	30.9.92	1892	11	M10	BP	40	1
12486	Coke wagon for Gas Light & Coke Co	1" to 1' general arrangement of 4 plank 17' 0" open wagon body 3' 2" plus 2' 4" coke rails Copy of Harrison & Camm Dg No 134 order 4335	28.9.92	1892	11	M10	BP	40	1
12487	Coke wagon for Gas Light & Coke Co.	1" to 1' general arrangement of 17' 0" open wagon body, 15 at 2' 6" and 10 at 3' 2" plus 1' 8" coke rails Copy of Harrison & Camm drawing, order 4335	12.8.92	1892	11	M10	BP	40	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12488	(Untitled)	1" to 1' general arrangement of wood framed 5 plank 16' 11" wagon 3' deep with 4 removable coke rails 2' 10" deep Copy of Harrison & Camm Dg No 135 dated 28.9.92 Endorsed; offered for registration	15.5.05		11		BP	48	2
12489	(Untitled)	1" to 1' general arrangement of wood framed 5 plank 17' wagon 3' deep Copy of Harrison & Camm drawing dated 15.5.05 Endorsed; offered for registration	15.5.05	1905	11		BP	48	2
12490	Untitled (Opening in Top Plank of Wagon for Walthamstow Co-operative Society)	3" to 1' elevation and plan showing arrangement of top plank over side door to swing outwards-Design No 4 Copy of Stableford & Co Dg No 1031 dated 21.11.92	21.11.92	1892	11	M10	PT	44	1
12491	Untitled (Opening in top plank wagon for Walthamstow District Coal Co-op Society)	3" to 1' elevations of 3 designs of top plank opening above side door and letter Copy of Stableford & Co Dg No 1032 Endorsed: No 3 design approved	21.11.92	1892	11	M10	PT	40	1
12492	10 Ton Coal Wagon for Walthamstow District Coal Co-op Society	¾" to 1' general arrangement of 6 plank 14' 11" open wagon, body 3' 9" deep Copy of Stableford Dg No 1029	30.11.92	1892	11	M10	BP	40	1
12493	8 Ton Coal Wagon to Standard Specification	1" to 1' general arrangement of 6 plank 14' 11" open wagon, body 3' 2" deep for L.F. Hiller Copy of G.R. Turner Dg No 2748	16.6.93	1893	11	M10	BP	40	1
12494	10 Ton Coal Wagon for Messrs E. Edgley & Co	¾" to 1' general arrangement of 7 plank 14' 11" open wagon 4' 0" deep body with specification Copy of G.R. Turner drawing for Edgley & Co	25.5.93	1893	11	M10	BP	40	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12495	10 Ton Goods Wagon	¾" to 1' general arrangement of 7 plank 14' 11" open wagon, body 4' 0" deep Copy of G.R. Turner Dg No 1942 plus printed specification for T. Bishop & Son	25.2.91	1891	11	M10	BP	40	1
12496	8 Ton Coal Wagon with Moveable Coke Rails Standard Frame	1½" to 1' general arrangement of 16' 6" inside wood frame 5 planks 3' deep body with 1' coke rail extension Copy of G.R. Turner Dg No 2573 dated 14.1.93 for Messrs Warren	14.1.93	1893	11	M10	BP	47	2
12497	Tar & Acid Tank	¾" to 1' general arrangement of cylindrical tank on wood frame Copy of G. R. Turner Dg No 3627	23.12.95	1895	11	M12	TI	40	3
12498	Acid Tank	¾" to 1' side elevation and part end plan of a 15' 0" wood framed cylindrical tank wagon, 4' 0" diameter. Copy of G. R. Turner Dg No 3653 dated 16.1.96	16.1.96	1896	11	M12	BP	51	1
12499	Gas Tar Tank	¾" to 1' elevations of 15' 0" cylindrical tank wagon Copy of G. R. Turner Dg No 3651 dated 16.1.96	16.1.96	1896	11	M12	BP	51	1
12500	Gas Tar Tank on Standard Underframe	¾" to 1' general arrangement of cylindrical tank on 15' 0" underframe Copy of G.R. Turner Dg No 3651	22.1.96	1896	11	M12	BP	40	2
12501	Acid Tank on Standard Main Line Underframe	¾" to 1' elevations of 15' 0" cylindrical tank wagon Copy of G. R. Turner Dg No 3653 dated 22.1.96	22.1.96	1896	11	M12	BP	51	1
	Untitled	1½" to 1' general arrangement of wood framed rectangular tar tank wagon 15' with 3' 4" deep tank							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12502		Copy of C. Roberts Dg No 357 dated 8.1.92 Tar Tank wagon for Burt Boulton & Co. built by Roberts & Co for Burt, Boulton & Co	8.1.92	1892	11	M12	BP	47	2
12503	Tank Wagon	1½" to 1' general arrangement of wood framed cylindrical tank wagon 4' diameter on 15' 4" underframe Copy of C. Roberts drawing dated 22.1.92 for Mr Wilson, Wisbech	22.1.92		11	M12	BP	47	2
12504	Rebuilt Wagon	1½" to 1' general arrangement of rebuilt wood framed rectangular tank wagon 3' 4" deep, 14' underframe Copy of C. Roberts Dg No 367 dated 14.11.92 for Burt, Boulton & Hayward	11.11.92	1892	11	M12	BP	47	2
12505	Tank Wagon	1½" to 1' general arrangement of rectangular tank wagon 3' 9" deep on 12' 6" wood frame Copy of C. Roberts drawing dated 6.12.93	6.12.93	1893	11	M12	BP	48	2
12506	Tank Wagon	1½" to 1' general arrangement of cylindrical tank wagon 4' 2" diameter on 15' 4" wood frame Copy of C. Roberts drawing dated 11.8.94	11.8.94	1894	11	M12	BP	48	2
12507	(Tank Wagon) untitled	1½" to 1' general arrangement of wood framed rectangular tank wagon 15' capacity 2000 gallons Copy of C. Roberts & Co drawing received from GWR 15.2.95	6.5.95	1895	11	M12	BP	46	2
12508	Untitled (Tank Wagon for the West Norfolk Farmers Manure Co.)	1 ½" to 1' general arrangement of 15' 0" rectangular tank wagon Copy of C. Roberts drawing	30.8.95	1895	11	M12	BP	40	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12509	Tank Wagon for West Norfolk Farmers' Manure Co.	1½" to 1' general arrangement of rectangular tank wagon 3' 4" deep on 15' wood frame Copy of C. Roberts drawing dated 26.8.95	26.8.05	1905	11	M12	BP	48	2
12510	Rectangular Tank Wagons	1½" to 1' general arrangement of wood framed rectangular tank wagon Copy of C. Roberts Dg 126 dated 19.7.85 My comment: too fragile to examine	19.7.85	1885			P	47	4
12511	10 Ton Coal Wagon-Standard Frame	¾" to 1' general arrangement of wood framed 15' 6" open wagon, 6 planks, 3' deep Copy of C. Roberts Dg No 2452 for Collier & Sons	22.9.92	1892	11	M10	PT	47	2
12512	Tank Wagon to Carry Sulphuric Acid	¾" to 1' general arrangement of wood framed 14' lead lined wagon 2' 6" deep, covered top with central filler. Copy of Lancaster C&W Dg No 11147/1770	-	-	11	M12	BP	47	2
12513	Plan of Circular Tank Wagon proposed to be built for Messrs. Thomas Crow & Sons, London	1½" to 1' elevations, half end elevation and plan of wood framed 15' cylindrical tank wagon 5' 3" diameter Copy of Davison, Darlington drawing dated 11.2.1891 Endorsed: approved by J. Holden	11.2.91	1891	11	M12	TI-C	47	2
12514	10 Ton Wagon with Timber Underframe for Tortoise Foundry, Halstead, Essex	¾" to 1' general arrangement of 14' 11" 3 plank dropside wagon 1' 11" deep Copy of W. Clemens Abel drawing dated 5.93 plus specification	18.5.93	1893	11	M10	TI	47	2
12515	10 Ton Coal Wagon	¾" to 1' side elevation of 7 plank 14' 11" open wagon, body 4' 0" deep for E.J. Everett, Felixstowe Copy of T. Hunter, Rugby drawing	1.4.02	1902	11	-	TP	40	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12516	50 Tons Platform Wagon	1" to 1' elevation and plan of 35' 6" bogie wagon Copy of Pressed steel Car Co Dg No 1065	10.7.01	1901	11	-	BP	40	2
12517	GER-Private Owners Wagons (Tank Wagons) End Support for Alternative Method of	1½" to 1' sectional side elevation showing proposal to remove wood packing and fit	2.03	1903	11		TI-C	48	3
12518	40 Tons Bogie Tank Wagon for the Oakbank Oil Co. Ltd Capacity 8500 galls Built by Messrs R.Y. Pickering & Co. Wishaw, Ardrie & Thornton	¾" to 1' general arrangement of steel framed 41' 6" bogie wagon with 6' 6" diameter tank Copy of R.Y. Pickering & Co Dg No 2248 dated 3.11.02	3.11.02	1902	11		BP	48	2
12519	Proposed New Buffer for the Conversion of Dead Buffered Waggon	Full size section of 1' 6" buffer and back elevation Copy of John Brown, Atlas Steel & Iron Works, Sheffield Dg No 1071 dated 26.3.04	26.3.04	1904	11		P-C	48	2
12520	Horsebox for C.D. Rose Esq	1½" to 1' arrangement of horse box Copy of Ashbury drawing dated 12.5.90 My comment: too fragile to examine	12.5.90	1890	11	M7	PB	48	4
12521	30 Tons Coal Wagon	¾" to 1' elevations, plan and section of 33' 0" all steel bogie wagon, 5' 0" deep Copy of W.R. Renshaw & Co, Stoke on Trent Dg No 1768 dated 3.9.01	3.9.01	1901	12		BP	54	1
12521	30 Tons Coal Wagon	¾" to 1' elevations, plan and section of 33' 0" all steel bogie wagon, 5' 0" deep Copy of W.R. Renshaw & Co, Stoke on Trent Dg No 1768 dated 3.9.01	3.9.01	1901	12		BP	54	1
12522	30 Tons Coal Wagon	¾" to 1' elevations, plan and section of 30' 0" all steel bogie wagon, 6' 0" deep	3.9.01	1901	12		BP	54	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of W.R. Renshaw & Co, Stoke on Trent Dg No 1725 dated 3.9.01							
12522	30 Tons Coal Wagon	¾" to 1' elevations, plan and section of 30' 0" all steel bogie wagon, 6' 0" deep Copy of W.R. Renshaw & Co, Stoke on Trent Dg No 1725 dated 3.9.01	3.9.01	1901	12		BP	54	1
12523	10 Tons Tank Wagon	1" to 1' general arrangement of 17'6" steel framed tank wagon Copy of W.R. Renshaw Dg No B121 14.2.02	14.2.02	1902	12	-	BP	19	2
12524	10 Ton Tank Wagon	1" to 1' general arrangement of 17' 6" steel framed tank wagon with cylindrical tank Copy of W.R. Renshaw & Co Ltd Dg No 2016 dated 7.11.02	7.11.02	1902	12		BP	53	1
12525	W.R. Renshaw & Co. Ltd.-Proposed Method of Converting Dead Buffered Wagons into Spring Buffered	3" to 1' elevation, plan and section of sprung buffer attached to headstock Copy of Renshaw Dg No 3051 1B 129	2.2.04	1904	12	-	PT	19	1
12526	Simpson's Patent End Door Catch applied to New Wagons of Messrs Birch & Hardy & Mr. Wright Offered for Registration by the Builders	Full size elevations and sections of catch plus a cyano of the wagon so fitted Copy of W.R. Renshaw Dg No 2900 dated 24.3.04	24.3.04	1904	12	-	BP	21	1
12527	10 Ton Coal Wagon	1½" to 1' general arrangement of 15' 5 plank wood framed coal wagon Copy of Hurst, Nelson Dg No 2989/2	22.7.97	1897	12	M10	BP	21	1
12528	10 Ton Coal Wagon	1½" to 1' general arrangement of 15' 5 plank wood framed coal wagon Copy of Hurst, Nelson Dg No 2989/2 dated 3.8.97	3.8.97	1897	12	M11	BP	21	1
12529	10 Ton Tank Wagon Capacity 10 Tons	1½" to 1' general arrangement of steel framed 15' tank wagon with dished ends to tank Copy of Hurst, Nelson Dg No 7115 dated 28.4.02	28.4.02	1902	12	-	BP	21	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12530	Tank Wagon Capacity 2450 Gallons	1½" to 1' general arrangement of 15'0" steel framed tank wagon with flat ends to tank Endorsed: 10 tons cylindrical tank wagon for Messrs. Grindley & Co Copy of Hurst, Nelson drawing dated 12.03	8.10.03	1903	12	-	BP	21	1
12531	Details of Discharge Valve	6" to 1' details of valve Copy of Hurst Nelson Dg No 4755 dated 8.1.04 Endorsed: Messrs Grindley	8.1.04	1904	12	-	BP	21	1
12532	Method of Fixing Tank to Underframe	1½" to 1' half side elevation and outline end elevation showing method of fixing tank by use of plates Endorsed: 10 tons cylindrical tank wagon for Messrs. Grindley & Co Copy of Hurst, Nelson Dg No 8667 undated	8.1.04	1904	12	-	BP	21	1
12533	10 Ton Tank Wagon	1½" to 1' general arrangement of steel framed tank wagon capacity ? 5'9½" inside diameter with Platts brake lever and plate attachment between tank and frame My comment: this design is similar to GER oil tank wagon Copy of Hurst, Nelson Dg No 6828 dated 21.1.02	21.1.02	1902	12	-	BP	21	1
12534	Wagons for Messrs Sugg-Proposed Top Plank shewing method of Hinging and Fastening	3" to 1' sketch of hinged top plank built by Hurst, Nelson Endorsed: Copy sent to James Watkins 10 Ton coal wagon built by Heenam & Froude 11.9.06	21.5.03	1903	12		PY	54	1
12535	Sketch Showing Arrangement for Securing Manhole Cover for 10 Tons Cylindrical Tank	3" to 1' section and plan of cover for 10 tons tank wagon showing method of securing	3.2.04	1904	12		BP	51	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Wagon for Messrs Grindley & Co.	Copy of Hurst, Nelson & Co Ltd Dg No 7715 dated 8.1.04							
12536	Private Owners Wagons-10 Tons Cylindrical Tank Wagon for Messrs. Grindley & Co-	6" to 1' sections of valve Copy of Hurst, Nelson Dg No 8684	22.1.04	1904	12		BP	54	2
12537	Manhole Casting & Cover	6" to 1' details of cover for 10 tons cylindrical tank wagon for Messrs. Grindley & Co Copy of Hurst Nelson & Co Dg No 8683	22.1.04	1904	12		BP	46	1
12538	Tank Wagon-Private Owners Wagons	1½" to 1' general arrangement of cylindrical steel framed tank wagon 15' 0" over headstocks, capacity 2710 gallons Copy of Hurst, Nelson Dg No 8937 dated 12.7.04	12.7.04	1904	12		BP	37	2
12539	Private Owners Wagons-10 Ton Tank Wagon	1 ½" to 1' general arrangement of 18' 0" cylindrical tank wagon on steel frame for The British Railway & Electric Traffic Co Copy of Hurst, Nelson Dg No 9108 dated 4.10.04	7.10.04	1904	12	-	BP	44	1
12540	Private Owners Wagons-10 Ton Tank Wagon	1 ½" to 1' general arrangement of 16' 7" cylindrical tank wagon on steel frame Copy of Hurst, Nelson Dg No 9123 dated 28.1.05	28.1.05	1905	12	-	BP	44	1
12541	GWR-4 Wheel Parcel Van-One Horse	1½" to 1' elevations and plan of 4 wheel van 5' 3" over body Copy of GWR Dg No 6023 dated 11.87	11.87	1887	12	M14	BP	37	1
12542	GWR-One or Two Horse Omnibus	1" to 1' elevations and plan of omnibus 5' 9" over body Copy of GWR drawing dated 27.3.88	28.3.88	1888	12	M14	BP	37	1
12543	GWR-One-horse Omnibus-General Arrangement	1" to 1' general arrangement of omnibus Copy of GWR drawing My comment: too fragile to examine	28.3.88	1888	12	-	BP	17	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12544	GWR Standard 2 Horse Van (London Division)	1½" to 1' arrangement of open van 10' 6" inside Copy of GWR Dg No 4061 dated 4.2.88	4.2.88	1888	12	M14	BP	46	1
12545	GWR-One Horse Tilt Van-London Division	1½" to 1' general arrangement of 4 wheeled van Copy of GWR Dg No 8295 dated 26.6.89 lots 174 to 180	26.6.89	1889	12	M14	BP	5	1
12546	GWR-4 Horse Omnibus	1" to 1' elevation, plan and section of bus with 6' 6" body Copy of GWR Dg No 8055	7.2.89	1889	12	M14	BP	54	2
12547	GWR-Two Horse Tilt Van-London Division	1½" to 1' general arrangement of 4 wheeled van Copy of GWR Dg No 8296 dated 5.9.94	5.9.94	1894	12	M14	BP	5	1
12548	GWR-Two Horse Tilt Van-London District	1½" to 1' elevations, sections and plan of 4 wheel van with tilt to carry 3 tons 10 cwt, lot 178 Copy of GWR Dg No 8296 9.89 issued 25.7.91	- .4.94	1894	12	M14	BP	5	1
12549	GWR-Town Parcel Cart	1 ½" to 1' elevations and plan of covered cart Copy of GWR Dg No 8196 dated 25.7.91	27.7.91	1891	12	M14	BP	54	1
12550	GWR-2 Wheel Parcel Cart	1 ½" to 1' elevations and plan of covered cart with 6' 6" body Copy of GWR dated 8.91	8.91	1891	12	M14	BP	54	1
12551	GWR-One Horse Tilt Van	1 ½" to 1' elevations and plan of 7' 6" van with tilt Copy of GWR Dg No 8295 dated 6.89	25.7.91	1891	12	M14	BP	54	1
12552	GWR-Four Wheel One Horse Parcel Van	1 ½" to 1' elevations and plan of 7' 0" covered van Copy of GWR Dg No 6023 dated 11.87	25.7.91	1891	12	M14	BP	54	1
12553	GWR-One Horse Tilt Van Fixed Head	1 ½" to 1' elevations, plan and sections of 7' 8" van Copy of GWR Dg No 10007 dated 4.92	29.8.92	1891	12	M14	BP	54	1
12554	GWR-Two Horse Parcel Van	1½" to 1' elevations, plan and sections of 4 wheel covered Copy of GWR drawing, lot 45	25.9.94	1894	12	M14	BP	4	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12555	GWR-One Horse Tilt Van	¾" to 1' elevations of 4 wheel van with cover Copy of GWR drawing	10.10.94	1894	12	M14	BP	4	2
12556	GWR-One Horse Omnibus	1½" to 1' general arrangement of 4 wheel bus Copy of GWR Dg No 11363 dated 17.6.97 lot 321	17.6.97	1897	12	M14	BP	5	1
12558	LSWR-One Horse Light Parcel Van	1 ½" to 1' elevations of 4 wheeled van with tilt Copy of LSWR Dg No 820 dated 28.4.99	28.4.99	1899	12		BP	54	2
12558	L&SWR-One Horse Light Parcel Van	1 ½" to 1' elevations of 4 wheeled van with tilt Copy of LSWR Dg No 820 dated 28.4.99	28.4.99	1899	12		BP	54	2
12559	L&SWR-2 or 3 Horse Road Van	1½" to 1' elevations and sections of road van Copy of LSWR Dg No 5969 dated 4.9.88	4.9.88	1888	12	M14	P	54	3
12560	General Arrangement of Petrol Motored Omnibus to seat 20 passengers-built by The Thorneycroft Steam Wagon Co. Ltd., Chiswick & Basingstoke	1 ½" to 1' undimensioned side elevation of single decked bus Copy of Thorneycroft Dg No X71 dated 14.11.03	14.11.03	1903	12		BP	54	1
12561	LNWR-Small Omnibus Class C	¾" to 1' elevations of horse drawn bus from stock register Copy of LNWR Dg No 1503	25.7.91	1891	13	M14	Litho	51	2
12562	LNWR-Diagrams of Parcel Carts and Tilt Vans	¾" to 1' elevations of vans from stock register Copy of LNWR Dg No 1502	25.7.91	1891	13		Litho	51	1
12563	LNWR-Pair-horse Delivery Van	1 ½" to 1' elevations, sections and plan of 10' 1" van Copy of LNWR Dg dated 7.9.88	7.9.88	1888	13	M14	TI-C	53	3
12564	LNWR-Road Glass Van	1 ½" to 1' elevations, sections and plan of 13' 1" van Copy of LNWR Dg	7.9.88	1888	13	M14	TI-C	53	3
12565	LNWR-Pair-horse Delivery Van - London County Council bye law "Uninterrupted view of traffic at front & sides"	1" to 1' elevations of 10' 4 ½" van Copy of LNWR Dg No 141 dated 3.3.04 Endorsed: LCC bye law "Uninterrupted view of traffic at front & sides"	3.3.04	1904	13		BP	53	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12566	LNWR-Single Horsed Delivery Van _ London County Council Bye-law "Uninterrupted view of traffic at front & sides"	1 ½" to 1' elevations of 8' 9" van with tilt Endorsed: London County Council Bye-law "Uninterrupted view of Traffic at Front & Sides" Copy of LNWR Dg No 140 dated 30.4.03	3.3.04	1904	13		BP	54	1
12567	L&YR-Standard Lurry	1" to 1' elevations and plan of flat bed lorry 12' 8" Copy of L&YR Dg No 1613 dated 21.8.88	21.8.88	1888	13	W14	P	53	3
12568	LB&SCR-Parcels Van To Carry 4 Tons	1 ½" TO 1' side elevation of van with details of lettering Copy of LB&SCR Dg dated 7.4.79	3.9.88	1888	13	M14	TI-C	53	3
12569	SER-Pair-horse Goods Van Class A to Carry 4 Tons	Unscaled side elevation of van with details of lettering Copy of SER Dg	3.9.88	1888	13	M14	PT	53	1
12570	NER-Two Horse Trolley	1 ½" to 1' elevations and plans of trolley Copy of NER DG dated 24.8.88	24.8.88	1888	13	M11	BP	53	1
12571	MR-One Horse Omnibus	1 ½" to 1' elevations of horse bus to carry 6 inside and 2 outside Copy of MR Dg No 488 dated 18.6.97	18.6.97	1897	13	M14	PT	53	3
12572	SE&CR-Continental Parcels Van Class V	1½" to 1' elevations of 4 wheeled van with tilt ad full details of lettering Copy of SECR Dg dated 10.2.04 My comment: drawing originally dated 29.6.83	10.2.04	1904	13		BP	54	1
12572	SE&CR-Continental Parcels Van Class V	1 ½" to 1' elevations of 4 wheeled van with tilt ad full details of lettering Copy of SECR Dg dated 10.2.04 My comment: drawing originally dated 29.6.83	10.2.04	1904	13		BP	54	1
12573	SE&CR-Country Parcels Cart Class J	1 ½" to 1' elevation of 2 wheeled cart with tilt and full details of lettering Copy of SECR Dg dated 10.2.04 My comment: drawing originally dated 25.5.83	10.2.04	1904	13		BP	54	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12573	SE&CR-Country Parcels Cart Class J	1 ½" to 1' elevation of 2 wheeled cart with tilt and full details of lettering Copy of SECR Dg dated 10.2.04 My comment: drawing originally dated 25.5.83	10.2.04	1904	13		BP	54	1
12574	GNR-Omnibus	1½" to 1' elevations and interior plan of omnibus with 6' 3" body, 8 passengers inside Copy of GNR Dg dated 30.6.97	30.6.97	1897	13	M14	TI-C	54	2
12574	GNR-Omnibus	1 ½" to 1' elevations and interior plan of omnibus with 6' 3" body, 8 passengers inside Copy of GNR Dg dated 30.6.97	30.6.97	1897	13	M14	TI-C	54	2
12575	GNR-Two Horse Road Goods Van	1½" to 1' elevations and plan of van My comment: too fragile to examine	21.8.88	1888	13	M14	TI-C	32	4
12576	GNR-Fish Van	1½" to 1' elevation, section and plan of open fish box 13' x 5' x 2' deep Copy of GNR Dg No 56F dated 10.11.90	21.11.90	1890	13	M14	P-C	37	1
12577	Motor Omnibus General Arrangement	1½" to 1' general arrangement of body for Milnes-Daimler omnibus to seat 16 passengers inside and 19 outside Copy of G. F. Milnes & Co Ltd Dg No H4525 dated 16.6.03	11.12.03	1903	13		BP	37	1
12578	Motor Omnibus Diagram of Body	1½" to 1' general arrangement of body for Milnes-Daimler omnibus to seat 16 passengers inside and 19 outside Copy of G. F. Milnes & Co Ltd Dg No H4364 dated 15.5.03 contract 3943	11.12.03	1903	13		BP	37	1
12579	2 Ton Daimler Motor Lorry (12-16 HP Motor with 4 Cylinders)	1:5 side elevation and plan of chassis Copy of G. F. Milnes & Co Ltd Dg No 3070 dated 12.12.02	11.12.03	1903	13		BP	37	1
12580	Daimler Motor Char-a-Banc for Tourist Traffic	1" to 1' elevations and plan of body to seat 24 passengers Copy of G. F. Milnes & Co Ltd Dg No H4831 dated 16.6.03	11.12.03	1903	13		BP	37	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12581	Details of Ironwork for Motor Tyres	Full size details of 4 components for A. Spencer's Patent motor omnibus tyre Copy of Geo Spencer Moulton & Co Ltd Dg No 831	5.1.06	1906	13		BP	54	1
12581	Details of Ironwork for Motor Tyres	Full size details of 4 components for A. Spencer's Patent motor omnibus tyre Copy of Geo Spencer Moulton & Co Ltd Dg No 831	5.1.06	1906	13		BP	54	1
12582	Leading Wheels for Motor Omnibus Fitted with A. S. Patent Tyres	Full size part elevation of wheel 1016mm (40") diameter tyre and section of tyre Copy of George Spencer, Moulton Dg No 832 5.1.06	5.1.06	1906	13	-	BP	19	1
12583	Outline Arrangement of 34 Seated Omnibus Chassis 80-1906	1" to 1' elevation of bus Copy of J.I. Thornycroft & Co Dg No K364 30.1.06 chassis 80-1906	30.1.06	1906	13	-	P	19	1
12584	Driving Wheels fitted with A.S. Tyres for Motor Bus	Full size part elevation of 40" diameter wheel and section Copy of Messrs. George Spencer, Moulton & Co Ltd Dg No 826	5.1.06	1906	13	-	BP	11	2
12585	LSWR-Sketch shewing Position of Side Lights in Tilt Vans	Unscaled sketch side elevation of van showing side light, necessary under LCC bye-laws for 'uninterrupted view of traffic at front and sides' Copy of LSWR Dg dated 3.3.04	3.3.04	1904	13	-	TI	19	1
12586	GWR-Position of Side Light in Tilt Van	1½" to 1' outline side elevation showing light Endorsed: received from Mr Churchward with his letter 25.2.04 with respect to LCC bye law re uninterrupted view of traffic and front and at sides of road vans Copy of GWR Dg No 24325 dated 23.2.04	27.2.04	1904	13	-	BP	19	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12587	GWR-Standard Bus and Parcel Van Wheels	3" to 1' elevations and sections of : 3'3" and 4'6" wheels for one horse bus and parcel van; 3'3' and 4'6" wheels for tilt van and same diameter wheels for two horse bus and parcel van Copy of GWR Dg No 6499 dated 2.87	23.2.87	1887	13	M15	BP	19	3
12588	One Horse Bus and Parcel Van	3" to 1' half elevation and section of 4' 6" and 3' 3" diameter wheels Cpy of GWR drawing dated 27.3.88	27.3.88	1888	13	M15	BP	37	1
12589	Standard Iron Fore Carriage	3" to 1' details of 10 items of ironwork for omnibuses Copy of GWR Dg No 7949 dated 12.11.88	12.11.88	1888	13	M15	BP	37	1
12590	GWR-Standard Van Lorry Wheels	3" to 1' half elevations and sections of 8 types of wood spoked wheel Copy of GWR Dg No 6498 dated 2.87	- .2.87	1887	13	M15	BP	26	1
12591	GWR-Axle Arms & Boxes for Road Vehicles	6" to 1' elevations and plans of components Copy of GWR drawing	7.2.87	1887	13	M15	P-C	12	2
12592	GER-Section of Top Rail for Coal Vans	Full size section for vans 13' long	21.3.78	1878	13	-	PT	12	2
12593	GER-Proposed Wood Centre Wheels for 20 Tons Road Boiler Trolley & 10 Tons Trailer	3" to 1' elevations and section of wheels My comment: too fragile to examine	8.11.04	1904	13	-	PB	19	3
12594	GER-Elevation of Milnes-Daimler Motor Omnibus running between Lowestoft & Southwold	1" to 1' side elevation of double decked bus	5.4.05	1905	13	-	PT	12	1
12595	GER-Motor Omnibus-Section of Tyre as First sent by Moseley's	Full size section of tyre and wheel rim Endorsed: This title placed hereon 5.4.05 at the instruction of FVR	- .4.05	1905	13	-	BP	19	2
12645	GER-48'-3" Bogie Composite Carriage showing Arrangement of Heating Apparatus	1½" to 1' outline elevation and plan of underframe showing pipe runs and heaters Endorsed: Received from Messrs W.S. Laycock Ltd 22.2.06	15.2.06	1906	13	-	BP	19	2
12646	L & NWR-Standard Steel Rail & Fishplates	Full size section of rail	1.1.07	1907	13	-	BP	12	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12646	for Main Line-90 lbs. Per Yard	Copy of LNWR Dg No 11145 13.1.85	1.1.07	1907	13	-	BP	12	1
12647	GWR-Snow Plough	¾" and 1½" to 1' elevations and plans of plough fixed to front buffer beam Copy of GWR drawing dated 5.1.86	1.1.107	1907	13	M28	OI-C	12	1
12648	GWR-Webb's System of Iron or Steel Permanent Way	Full size section of permanent way Copy of GWR drawing My comment: too fragile to examine	17.4.86	1886	13	M18	TI-C	12	4
12649	Bessemer Steel Rail-85 lbs per Yard	Full size section of rail	- .10.91	1891	13	M18	Litho	12	1
12650 -35	Diagram of D56 Class Engines ("Belpaire" Boilers)	1/8" to 1' diagram of engine Endorsed: Sent to S.A. Moore, Schoolmaster, Thaxted Council School	14.12.09	1909	13	-	P	12	1
12650 -9	Diagram of 791 Class Engines	1/8" to 1' diagram of engine Endorsed: Sent to Editor of the Engineer 2.10	7.3.10	1910	12	-	P	12	1
12651	L&SWR-Steel Bull Head Rail-87 lbs per Yard	Full size section of rail Copy of LSWR drawing	-	1895	13	M18	Litho	12	1
12652	North Staffordshire Rly-Standard Rail	Full size section of rail Copy of NSR drawing	11.2.95	1895	13	M18	BP	12	1
12653	MS&LR-Standard Rail	Full size section of rail Copy of MSLR drawing dated 18.12.95	13.12.95	1895	13	M18	P	12	2
12654	LT&SR-Standard Rail	Full size section of rail Copy of LTSR drawing	9.12.95	1895	13	M18	TI	12	2
12655	SER-Standard Rail	Full size section of rail Copy of SECR Dg No 536	9.12.95	1895	13	M18	P-C	12	2
12657	LB&SCR-Standard Rail	Full size section of rail Copy of LB&SCR drawing	9.12.95	1895	13	M18	P	12	2
12658	Midland Rly-Standard Rail 85lbs	Full size section of rail Copy of MR drawing	10.12.95	1895	13	M18	Litho	12	3
12659	L&YR-Standard Rail	Full size section of rail Copy of L&YR Dg No 3607	9.12.95	1895	13	M18	TI	12	3
12660	LC&DR-Standard Steel Rail	Full size section of rail Copy of LC&DR drawing	9.12.95	1895	13	M18	TI	12	3
12661	GWR-Steel Bullhead Rail & Fishplate 92 lbs per Yard	Full size section of rail Copy of GWR drawing	- .12.95	1895	13	M18	BP	12	1
12662	GWR-Arrangement for Suspending	¾" to 1' elevation and plan of riveter and suspension	26.11.07	1907	13		BP	26	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12682	Hydraulic Rivetter	Copy of GWR Dg No 0255W dated 26.11.97	26.11.97	1897	13	-	BP	20	2
12682	Comparison between GER Standard Locomotive Tyre Profile & Proposed Section as supplied by Mr. Churchward	Full size section of tyre	18.1.04	1904	13	-	PT	11	1
12683	GER-Comparison of GER Standard Locomotive Tyre and Profile & Proposed Section as Supplied by Mr. Churchward- Rolled Dimensions, Thick Flange	Full size section of tyre	18.1.04	1904	13	-	PT	12	1
12684	GER-Comparison of GER Standard Locomotive Tyre and Profile & Proposed Section as Supplied by Mr. Churchward- Finished Dimensions, Thin Flange	Full size section of tyre	12.1.04	1904	13	-	PT	12	1
12685	GER-Comparison of GER Standard Locomotive Tyre and Tyre Profile & Section as Supplied by Mr. Churchward-Rolled Dimensions, Thin Flange	Full size section of tyre	18.1.04	1904	13	-	PT	12	1
12686	Comparison between GER Standard Carriage Tyre and Profile & Proposed Section as Supplied by Mr. Churchward	Full size section of tyre	18.1.04	1904	13	-	PT	12	1
12687	Standard Carriage Tyre and Profile & Proposed Section as Supplied by Mr. Churchward	Full size section of tyre	18.1.04	1904	13	-	PT	12	1
12688	Standard Wagon Tyre and Profile & Proposed Section as Supplied by Mr. Churchward	Full size section of tyre	18.1.01	1901	13	-	PT	12	1
12689	Standard Wagon Tyre and Profile & Proposed Section as Supplied by Mr. Churchward	Full size section of tyre	18.1.04	1904	13	-	PT	12	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12690	GER-Engine Test Experiments, etc-	12 Copper Tests made subsequent to and consequent upon rupture to firebox of engine No 522 at Ipswich Copy of Test House drawing	9.6.02	1902	13	-	PT	19	1
12691	GWR-Wheels & Axle for 20 Tons Tank Wagon	1½" to 1' elevation of wheel set and 6" to 1' section of tyre for Private Owners wagons Copy of GWR Dg dated 21.12.04	17.1.05	1905	13	-	PB	19	4
12692	Rough Sketch of Electrobus. Patent No. 3653-02	Unscaled outline elevation of bogie and batteries	7.1.07	1907	13	-	PT	12	1
12693	GER-Proposed Arrangement of Kitchen on Composite Car of Continental Train	¾" to 1' interior plan of kitchen Endorsed: traced by Polley 30.1.06 Note, this is the youth who afterwards went into the Land Agents Office	30.1.06	1906	13	-	PT	12	1
12694	Top Door Arrangement of Wagon No.1 built by Moy, Peterborough	1½" to 1' elevations of door for S. Haige wagon	14.8.06	1906	13	-	CI-C	12	1
12695	GWR-Alteration to Trailing End, etc Engine No.540 and (blank)	1½" to 1' elevations and plan of trailing end of GWR engine Endorsed: all engines of this class to have 7 plated springs instead of 5 plates Copy of GWR Dg No 4445 dated 5.9.85	5.9.85	1885	13	-	TI-C	19	2
12696	GWR-Experimental Connection for Carriages-Sanders Vacuum Brake	Full size details of fittings Copy of GWR drawing	-	1885	13		TI-C	37	3
12697	Proposed Narrow Piston Ring for Engines 1900 Class	Full scale and 6" to 1' details of phosphor rings	2.12.03	1903	13		TI	51	3
12698	GWR-Diagrams of Special Wagons	Ten page booklet of diagrams 1/8" to 1' scale dated 10.93 showing side elevations with wagon numbers and dimensions, and code names	- .10.93	1893	13	-	Litho	26	2
12699	Gunmetal Relief Valve for Cylinders	Full size section of valve Copy of John Dewrance Co drawing	4.3.84	1884	13		PL-C	47	2
12706 Part	GER-Part Plan of Stratford Works	1" to 66' plan of Jubilee Shed area showing lengths of pits and positions of tips on coal	21.8.00	1900	14	-	PB	30	2
12706 Part	GER-Stratford Works	1" to 66' plan of area north of jubilee Shed	-	-	14	-	P	30	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12732 A	GER-Wagon Wheel & Axle with 10" x 5" Journals showing Welding of Loose Spokes	6" to 1' part elevation and section of wheel and section of tyre Endorsed: copy of this drawing sent to Gresley 15.10.31 My note: date of original drawing 14.11.01	- .10.31	1931	14	-	BP	19	2
12733	GER-Air Reversing Gear, Cylinder, Piston & Guide	Full size details of components for class F53	26.2.02	1902	14	-	PB-C	30	3
12737	GER-Loco Dg No.12737-Air Reversing Gear-Screw Bracket, F53	Full sized details Endorsed: superseded by Dg No 13970 My comment: too fragile to examine	2.1.01	1901	14		PB	35	4
12746	GER-Four Coupled Bogie Express Engines (F53)-Air Valve for Reversing Gear	Full size details of valve My comment: too fragile to examine	14.11.01	1901	14	-	PB	10	4
12757	L&NWR-Wagon to Carry 20 Tons	1" to 1' elevations and plan of 18' 4 plan of wood framed wagon 3' 6" deep with side doors Copied by GER from LNWR Dg No 63 19.11.01and original returned	12.12.01	1901	14		PT	35	1
12758	30 Ton Coal Wagon for the Littleton Collieries Ltd	1" general arrangement of 35' 5" bogie open wagon with steel frame and 7 plank wood body 4' 6" deep with bottom doors Copy of Oldbury RC&W Co Dg 260 dated 30.8.01 Endorsed: designed by S & J Bailey, Mining and Civil Engineers My comment: traced at Stratford from blueprint.	12.12.01	1901	14		PT	45	2
12759	Platform Wagon 50 Tons Capacity 4' 8½" Gauge	1" to 1' elevations and half plan of flat bogie wagon 35' length Traced from Transport Development Co, Inc) Pressed Steel Car Co Dg No 1065 dated 10.7.01	13.12.01	1901	14	-	PT	10	1
12760	GER-Four Coupled Bogie Express Engines (D56 Class)-Air Reversing Gear Arrangement	1½" to 1' arrangement of gear My comment: too fragile to examine	- .12.01	1901	14	-	PB	7	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
12763	Private Traders Cylindrical Tank Wagon for the Conveyance of Petrol etc	1½" to 1' elevations, sections and plan of cylindrical tank, 2763 gallons capacity on standard 14' 11" steel underframe Endorsed: J. Holden's proposal for private owners	12.01	1901	14		PB	47	2
12764	Hopper Coal Wagon with Bogies to Carry 32 Tons designed by Messrs. Sheffield & Twinberrow	1" to 1' side and end elevation of steel bodied hopper wagon 35' interior length on 4 wheel bogies Copy of S&T Dg No F.108	18.12.01	1901	14	-	PT	13	1
12767	GER-Standard Tyre Sections	Full size sections of 5 tyres for tenders, carriages, wagons, goods brakes and tramcars Endorsed: copy sent to Mr Churchward 23.2.03	23.2.03	1903	14		PB-C	35	4
12770	GER-Four Wheels Coupled Bogie Express Engines (F53, L55) Air Reversing Gear	3" to 1' details of components My comment: too fragile to examine	1.02	1902	14		PB	52	3
12793	GER-Sections of Suburban Carriage before & after Conversion to Wide Suburban Carriage	1½" to 1' sections through light and door showing converted carriage	7.3.02	1902	14	-	PT-C	19	1
12877	Guard for Draw-bar Pins for Messrs. Samuels Tank Wagon built by Messrs. Renshaw	3" to 1' sections and plans of drawgear Endorsed: copy of this sent to Messrs. Renshaw 5.3.02	5.3.02	1902	14		TI-C	51	3
12894	GER-Sketch showing Damaged Cross-timber of Underframe of GER Wagon No 7282	Unscaled sketch of part of wood underframe showing break My note: signed by A.M. Bell	11.8.99	1899	14	-	PT	20	1
12948	GER-Underframe for Travelling Gas Reservoir	1" to 1' detailed arrangement of 26' steel underframe, tank fixings, and brake gear with outline of tank Endorsed: for orders LM 3182 and LM 3697; altered to red for LM 6140 and future classes 13.5.12	14.8.02	1902	-	-	P	55	1
13076	Gradeley v G.E.R-Wheel & Axle under Carriages of 6.50 am Passenger Train Chingford to Liverpool Street 25 April 1902	¼" to 1' details of wheel and axle	7.02	1902	14		P-C	52	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
13094	J.T. Wilson High Pressure Balanced Valve	Unscaled sections and plans of vave and key to components Copy of American Balance Valve Co, San Franciso Dg	12.8.02	1902	14		PT	51	1
13111	GER-Proposed Deepening of 10 Tons Goods Wagons-Arrangement of Doors-2 Schemes	3" to 1' elevation showing an additional 6 7/8" plank to 5 plank wagon with two methods of opening above existing standard flap door: 1. horizontally hinged, 2 vertically hinged	17.9.02	1902	14	-	PT	34	1
13194	Refrigerating Car for Messrs. Polenghi Lombardo and C. Codogno	1/10 outline elevations and plan of car My comment: too fragile to examine	- .10.97	1897	14	-	PT	11	4
13204	Proposed Hooping of Cast Iron Wheel Bosses	6" to 1' plan of boss, assumed to apply to private owners Copy received from Midland Rly	11.10.11	1911	14	-	PT-C	20	1
13205	GER-Amended Proposal for Low One-horsed Lorry	¾" to 1' side and end elevations of 11' 6" lorry and inverted plan of bottom casting	9.1.03	1903	14		PB-C	53	2
13230	GER-Diagram of Proposed Covered Goods Wagon	1" to 1' elevations of 19'3" van on steel frame Endorsed: capacity of proposed wagon to top of cant rail 910 cu ft; old wagon 676 cu ft; increase on old wagon 34%	30.3.03	1903	14	-	PT-C	5	1
13235	Teeth on Hand Levers of Wagon Brakes-Proposed GWR Modification	Full size section of teeth for private owner and GWR brakes Copy of MR Dg No 107 RCH dated 4.10.11	11.1.12	1912	14		Litho	51	1
13245	Self Contained Buffer with Split Ring Fastening	3" to 1' section and elevation of 18" buffer Copy of The Steel Railway Journal Box Co Dg No 1544 dated 5.7.11	11.1.12	1912	14		BP	51	1
13248 Part	GER-Proposed alteration to Officers Saloon No 48	3/8" to 1' interior plan of 48'3" saloon, scheme 4	1.7.03	1903	14	-	PT-C	20	1
13248 Part	GER-Proposed alteration to Officers Saloon No 48	3/8" to 1' interior plan of 48'3" saloon, amendment to scheme 2	30.7.03	1903	14	-	PB	20	2
13248	GER-Proposed alteration to Officers Saloon	3/8" to 1' interior plan of 48'3" saloon,	1.7.03	1903	14	-	PT-C	20	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
Part	No 48	scheme 1	1.7.03	1903	14	-	PT-C	20	1
13248 Part	GER-Proposed Alteration to Officers' Saloon No.48	3/8" to 1' interior plan of 48' 3" saloon lengthened from 34' 6" Endorsed: formerly Scheme 6a, altered to Scheme 2a 30.7.03	12.8.03	1903			PB	35	2
13248 Part	GER-Proposed Alteration to Officers' Saloon No.48	3/8" to 1' interior plan of 48' 3" saloon lengthened from 34' 6" Endorsed: formerly Scheme 5, altered to Scheme 1 30.7.03	12.8.03	1903	14		PB	35	2
13248 Part	Proposed Alteration to Officers Saloon No 48-Scheme 3	3/8" to 1' interior layout of 48' 3" saloon	1.7.03	1903	14		PT-C	51	1
13248 Part	GER-Proposed alteration to Officers Saloon No 48	3/8" to 1' interior plan of 48'3" saloon, scheme 2	1.7.03	1903	14	-	PT-C	20	1
13249	GER-Diagram of Officers' Saloon No.48	3/8" to 1' interior plan of 34' 6" saloon as originally built	7.03	1903	14		PB	35	2
13253	Wagon for Transporting Hydrogen	¾" to 1' side elevation, section and plan of 18' 0" steel framed wagon containing 136 gas cylinders 7' 4 3/16" long carried within open frame work Copy of Metropolitan Amalgamated RC&W Co Dg No 17244 dated 1.11.12	1.11.12	1912	14		BP	51	1
13255 Part	GER-Scheme 1-Proposed 1 st Class Bogie Saloon	½" to 1' interior plan of carriage 48'3" long, seating 34 with inset end vestibules Endorsed: arrangement of saloon to be as shown but to be 8'6" wide throughout 11.8.03	28.7.03	1903	14	-	PT-C	19	1
13256 Part	GER-Proposed 3 rd Class Bogie Saloon-Scheme 1	½" to 1' interior plan of carriage 48'3" x 8'6" for 48 passengers Endorsed: arrangement of saloon to be as shown but to be 8'6" wide throughout.	27.7.03	1903	14	-	PT-C	5	1
13260 Part	GER-Diagram of Agreed New Hook of Holland Train	1/16" to 1' diagram of 13 vehicle train Endorsed: Scheme 3 of Dg No 45A CD	16.9.03	1903	14	-	PB	17	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
13261	GER-Bogie Carriages for Continental Train	½" to 1' elevation and interior plans of 1st & 2nd 48' 3" corridor and 50' 0" buffet car Endorsed: this style of elevation is also proposed for the 1st & 2nd class carriages with centre corridor coupled to this train My comment: for 1904 Hook of Holland train	9.03	1903	14	-	PT	42	1
13262	GER-Proposed 1 st Class Bogie Saloon	½" to 1' interior arrangement of 43' 3" saloon divided into two areas by a lobby and WC 8' 6" wide Endorsed: agreed to, estimated cost with raised roof £1350	2.10.03	1903	14	-	PT-C	10	2
13269	GCR-Profile of New Bogie Carriages with Construction Gauge	1½" to 1' profile of carriages against loading gauge Copy of GCR Dg No 2364 dated 26.8.02	26.8.02	1902	14	-	BP	11	2
13294	Wagon for Transporting Hydrogen	¾" to 1' general arrangement of 16' wagon to carry 68 gas cylinders each 7' 4 13/16" in length by 9" diameter Copy of Metropolitan RC&W Dg No 17245 My comment: underframe appears to be standard GER steel	11.1.12	1912	14	-	BP	7	1
13299	GER-10 Tons Boiler Lorry (Without Springs)	1" to 1' outline elevations and plan of 13' lorry	19.1.04	1904	14		PT-C	48	1
13301	Norfolk & Suffolk Joint Rlys-Actual Loading Gauge at Gorleston-on-Sea shown in red	½" to 1' profile of loading and construction gauges Endorsed: scheme only	9.2.04	1904	14		PB	45	2
13303	GER-Diagram of Road Vans shewing Positions of Side Lights & Front Hoops	½" to 1' side elevation of van showing front hoops to carry out London County Council byelaws re. Uninterrupted Side View	5.2.04	1904	14		PB	48	4
13304	GER-Proposed Low Floor Brake Van	1" to 1' elevation and end section of 32' body on steel underframe with 2' 9" wheels	8.2.04	1904	14		DT	47	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
13304	GER-Proposed Low Floor Brake Van	Endorsed: scheme only Note: proposed capacity 1960 cu ft; existing 1623 cu. ft.	8.2.04	1904	14		PT	47	2
13305	GER-10 Tons Boiler Lorry (without springs)	1" to 1' elevations and plan of 1 horse lorry 13' 3" long without springs, fore-carriage wheels 2' 3" dia, rear wheels 2' 3" dia Endorsed: scheme only	9.2.04	1904	35		PT-C	45	1
13306	GER-Proposed 10 Tons Boiler Lorry	1" to 1' elevations and plan of 13' 3" 1 horse lorry Endorsed: agreed to	13.2.04	1904	14	-	PT-C	40	2
13341	GER-McCord Patent Frictional Bearing-Sketch shewing Replacement of Defective Delivery	Full size plan of casting showing replacement of defective delivery	17.6.00	1900	14		TI	53	1
13350	Proposed 30 Tons Boiler Trolley with 10 Tons Trailer	¾" to 1' outline arrangement of double horse drawn trolley with steel frame, length 23'-scheme only	8.8.04	1904	14	-	PT-C	7	1
13352	Particulars of GER Boilers	Table of dimensions for boilers of all classes	15.8.04	1904			P	55	1
13355	GER-Diagram shewing Proposed Dickey and Brakework on New Plate Glass Van D&P 7618-Van in all other respects similar to No.676	1" to 1' outline elevations of plate glass road van showing details of dickey and brakework Endorsed: scheme only	6.12.04	1904	14	-	PT-C	20	2
13367	GER-Reducing Valve for Steam Heating Apparatus	Full size elevation and section of valve with explanation	- .5.08	1908	14	-	P	11	3
13370	GER-Diagram of Proposed New Ballast Wagons	¾" to 1' elevations and plans of two types of ballast wagons on 2' 2" diameter wheels; ballast wagon 17' 2" over buffers; guard truck 16' 8" with fixed ends	14.8.05	1905	14		PB-C	48	4
13374	Standard Carriers and Mantle Rings for Incandescent Gas Lighting	Twice full size details of components Copy Dg No 113 RCH dated 11.11 see Superintendents min. 1050/1004	11.1.12	1912	14		Litho	47	1
13379	Sketch of Mechanism for Brake Operating from Either Side	Sketch of Martineaux's Patent brake Patent 9826/04 by F. Lea Martineau	29.4.04	1904	14	-	PT	40	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
13383	GER-Diagrams of Proposed Motor Omnibus with Luggage Compartment	1" to 1' side elevation of bus seating 10 outside passengers and 2 in front showing compartment behind driver and on front	21.3.05	1905	14	-	PT	42	1
13393	Self Contained Buffer	Full size elevation and section of buffer Copy of Hurst, Nelson Dg No X5245 dated 26.2.11	11.1.12	1912	14	-	BP	10	1
13397 -1	GER-Diagrams of Proposed Suburban Carriages	¼" to 1' interior plans of 50' bodies, schemes Nos 1, 2, 3 and 4; Nos 1 & 2 2 nd or 3 rd class, Nos 3 & 4 1 st class providing for a	9.05	1905	14		PT-C	51	1
13397 -3	GER-Diagrams of Proposed Suburban Carriages	¼" to 1' interior plan of 50' body, scheme 7A 1 st class	5.10.05	1905	14		PT-C	51	1
13397 Part	GER-Diagrams of Proposed Suburban Carriages	¼" to 1' interior plans of 27' bodies, schemes 5, 6, 7 and 8; Nos 5 & 6 2 nd or 3 rd class Nos 7 & 8 1 st class providing for a majority of passengers standing	29.9.05	1905	14	-	PT-C	13	1
13400	Position & Details of Electric Bell Communication (C&W Supts Min 1051 (RCH)	1½" to 1' elevations of coupling across gangways and full size details of cable coupling Copy of RCH Dg No 111 Midland Rly	17.11.11	1911	14		Litho	45	1
13419 A	GER-Part Plan of Stratford Works showing Proposed Repair Shop	88' to 1" plan showing 480' x 180' building and location of coal stacks Nos 1-13, 17, 18,	12.3.14	1914	14	-	P-C	19	2
13435	GER-50' 0" Engine Turntable	1" to 1' elevation, section and plan of turntable Copy of Isca Foundry, Newport Dg No 1762 30.11.83 Endorsed: this table is exactly similar to that supplied to the Joint Cttee of the GN & GE Railways. It is also the same as supplied in large numbers to ... railways with the exception of the timber flooring which is 5" thick instead of 3". All the materials and workmanship will likewise be of a similar description.	26.2.03	1903	14	-	PT	12	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
13435	GER-50Ft Engine Turntable-Beccles	1" to 1' elevation, plan and details of turntable Copy of Isca Foundry Co, Newport Dg No 17862 dated 30.11.83	26.2.03	1903	14	-	BP	19	2
13435	GER Beccles 50' 0" Turntable, ISCA Foundry Co. 1902	1" to 1' elevation, section and plan of turntable Copy of Isca Foundry Co Dg No 17682 dated 30.11.83 SDO Dg No 3368 dated 25.6.08 My comment: a later print	-	1902			P	50	2
13483	GER-Private Owners Wagon-Rolled Type Sections for Gibson Fastening	Full size sections showing three types of tyre	18.4.03	1903	14	-	BP-C	19	3
13484	GER-Private Owners' Wagons-Standard Tyre Sections with Gibson Fastening	Full size sections of three tyres	18.4.03	1903	14	-	PB	12	2
13510	Private Owner Wagons-Top Door Fastening	3" to 1' details of fastening My comment: too fragile to examine	28.3.03	1903	14	-	PB-C	11	3
13543 -1	GER-35 Tons Steam Breakdown Crane-Screw Coupling	Full size elevation and plan of coupling	2.14	1914	14		P-C	52	2
13543 Part	GER-Trunnion Nut as altered for Screw Coupling (Engine)	Full size elevations of not	25.6.03	1903	14		PT	48	1
13581 Part	GER-Six Wheels Coupled Tank Engines Class S56-Firebox Crown Stay Hangers	Full size elevations and plan of stays	29.10.15	1915	14		P	35	1
13603	NER-Speed, Time & Current Consumption Curves –18 Nov 1904	Series of diagrams for various routes	18.11.04	1904	14	-	PB	17	3
13604	NER-Map showing Local Lines around Newcastle-upon-Tyne	1" to 1 mile map showing local lines and position of proposed sub station Copy of NER drawing	9.1.07	1907	14		PB	48	2
13605	Sketch of Top Fall-over Door for 2 New Wagons for Mr. Ellis	1½" to 1' elevation of top portion of open wagon Dg prepared by GER Loco Dept, Peterborough	13.9.05	1905	14		PT	45	1
13612	GER-Proposed Arrangement of Kitchen on Composite Car on Continental Train	¾" to 1' sections and plans of kitchen area only	14.10.03	1903	14		PB-C	5	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
13620	L&YR-Self Contained Buffer with Spiral Spring	6" to 1' sections and elevation of buffer for wood and steel frames Copy of L&YR Dg No 7723 dated 11.1.12	11.1.12	1912	14		BP	47	3
13657	GER-Comparison between Proposed Rolled Sections for Railway Companies Wagons and Private Owners' Wagons	Full size section of tyre	13.11.03	1903	14	-	PB	11	1
13659	GER-Arrangement of First Class Carriage Centre Corridor for Continental Trains Class T56	¾" to 1' general arrangement of 50' clerestory body showing position of Gold's patent steam heating apparatus Copy of W.S. Laycock proposal overlaid on GER drawing My comment: too fragile to examine	4.2.04	1904	14		PB-C	45	4
13660	GER- Arrangement of 1st and 2nd Class Carriages Side Corridor for Continental Train U56 & A57 showing Position of Heaters of Gold's Patent Steam Heating Apparatus	¾" to 1' general arrangement of 48'3" clerestory 6 compartment body showing arrangement of heaters and equipment Copy of W.S. Laycock Ltd., Sheffield drawing My comment: too fragile to examine	4.2.04	1904	15		PB	49	3
13661	GER-Arrangement of Second Class Carriages with Centre Corridor for Continental Train	¾" to 1' general arrangement of 48'3" clerestory body showing position of Gold's patent heaters and air valves Copy of W.S. Laycock proposal overlaid on GER drawing My comment: too fragile to examine	4.2.04	1904	15		PB-C	45	4
13662	GER-Position of Heater Gold's Patent Steam Heating Apparatus on Composite Kitchen Car B57 of Continental Train de Luxe 1904	¾" to 1' elevations and plan of carriage showing position of heating apparatus Copy of W.S. Laycock drawing	4.2.04	1904	15	-	PB	43	3
13663	GER-Brake Second Class Carriage for Continental Train Class E57 showing Position of Heaters of Gold's Patent Steam Heating Apparatus	1" to 1' general arrangement of body showing arrangement of heaters and equipment Copy of W.S. Laycock Ltd., Sheffield drawing	4.2.04	1904	15		PB	49	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		My comment: too fragile to examine							
13664 Part	GER- Continental Train-Underframe for Kitchen Car B57 and First Class Car T56 showing position of Train pipes etc of Gold's Patent Steam Heating Apparatus	1½" to 1' arrangement of underframe showing brake cylinders and gas tanks and arrangement of train pipes, etc Copy of W.S. Laycock Ltd., Sheffield drawing My comment: too fragile to examine	3.2.04	1904	15		PB	49	2
13688 -1	GER-Four Coupled Bogie Express Engines Boiler with Belpaire Firebox and 1 7/8" Tubes	1½" to 1' elevations and section of firebox Copy of The Schmidt Superheater Co Ltd Drawing dated 14.9.11 My comment: too fragile to examine	18.9.11	1911	15		PB	49	3
13708	LNWR-Keep for Standard Radial Axlebox	Full size sections of lower part of axlebox showing method of fastening with bolts Copy of LNWR drawing dated 22.1.04	21.1.04	1904	15	-	P	44	2
13717	GER-Luggage Crates for Parkeston Continental Service	1½" to 1' arrangement of open topped crates 7' long by 5' 5" wide My comment: too fragile to examine	16.2.04	1904	15		PB	47	3
13749	GER-Proposed New Buffer for the Conversion of Dead Buffered Wagons	Full size section and back view of cast iron buffer 1' 6" projection Traced from John Brown & Co. Dg No E1071 dated 20.3.04	29.3.04	1904	15		PT	48	2
13770	GER-Ashpan fitted with Deflecting Plates	3" to 1' section of ashpan showing deflecting plates	12.04	1904	15		TI-C	49	2
13772	GER-10 Tons Boiler Lorry with Proposed Steel Body-Arrangement	1" to 1' general arrangement of lorry Endorsed: this design was worked to, the lorry being built with a wooden body; for working drawing see Dg No 13738 My comment: too fragile to examine	5.04	1904	15		TI-C	35	4
13779	Proposed Self Contained Buffers with 4½" Stroke for New Wagons	3" to 1' section and baseplate elevation of 3 types of buffer, 2 by George Turton, one by Matthews Patent Buffer	11.1.12	1912	15		BP	49	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of G. Turton, Platts & Co Dg No 4197 dated 13.11.11							
13816	GER Lowestoft-Proposed Shed for Motor Cars	1" to 44' plan of Coke Ovens Junction area showing site of 72' 8" by 33' 0" shed and a 3' by 6' petrol store Copy of Engr Dg No 29800 dated 3.6.04	22.6.04	1904	56		PB-C	35	1
13817	GER-Proposed Axlebox for 20 Ton Coal Wagons	Full size sections and elevation of axlebox for 10" x 5" journals Endorsed: replacement for TM type, approved by J. Holden to try one set	22.6.04	1904	15		PB-C	49	2
13877	GER-Arrangement of Underframe for Main Line Brake Van E58 showing arrangement of piping for Laycock's Steam Heating	1" to 1' arrangement of 31'4½" channel steel underframe with brake and gas cylinder details and arrangement of piping for heating My comment: too fragile to examine	13.1.06	1906	15		PB	49	3
13908	GER-Flexible Coupling between Engine & Tender for Water Pick Up Tenders Class 1500	Full size elevation and plan of coupling My comment: original plan dated 8.19	11.4.27	1927	15		P	49	2
13922	GER-Cambridge: Proposed alterations to Tenison Rd Field	1/500 plan of area Copy of Engineers Dg No 26441 scheme 3 dated 24.9.04 My comment: too fragile to examine	5.10.04	1904	15		BP	48	4
13928 A	GER-Scheme for Converting Fish Trucks into Fruit Trucks	1½" to 1' elevations of proposed truck top with vertical body framing Endorsed: scheme A not carried out see Dg 13927; number altered from 13927 2.7.06 My comment: too fragile to examine	17.11.04	1904	15		PB	45	4
13941	Belgian State Railways-Express Locomotive Type 18-Cab showing Arrangement of	1/8 scale arrangement Belgian State Railways drawing	24.10.04	1904	15		PB	45	3
13949	GER-48ft 3in Bogie Composite Carriages-Arrangement of Underframe and Piping, Headers, etc for Laycock's Steam Heating Apparatus	1½" to 1' arrangement of underframe with position of brake cylinder and reservoirs and arrangement of apparatus Copy of W.S. Laycock Ltd., Sheffield drawing	13.1.06	1906	15		PB	49	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		My comment: too fragile to examine							
13987	GER-Standard Engine, Carriage & Wagon Tyre Profiles & Proposed Sections compared with GER Standards	Full size sections of 4 profiles with GER sections superimposed in red	12.04	1904	15	-	PT	43	1
14006	GER-Standard Wagon Drawhook (Gedge Pattern)	Full size comparison of private owners wagon draw hook with GER standard Gedge pattern My comment: too fragile to examine	23.12.04	1904	15		BP	48	3
14025	Apparatus for Burning Liquid Fuel Holden's Patent Combined Liquid Fuel Injector and Air Ejector Locomotive Pattern	Full size elevations and sections of injector and key to components	10.09	1909		-	P-C		3
14045	Crabtree Patent Coupling	1½" to 1' undimensioned side elevation showing coupling in position	-	-	15		PB	45	3
14082	GER-Twin Tyre	Full size section of rubber tyre on wood felloe for motor buses Copy of drawing by David Moseley, Manchester dated 28.1.05 Endorsed: see 13919 & 13953 for tyres on Daimler vehicles	13.2.05	1905	15		PT	45	1
14093	GER-Sketch of Proposed Suburban Carriage	1" to 1' elevations and section of end compartment of 1896 stock with 2 ½" turnunder	13.7.96	1896	15		TI-C	49	2
14138	TVR-Diagram of 10 Ton Coal Wagon	¼" to 1' elevation of 14' 11" 7 plank wagon 4' 3 ½" deep Copy of TVR drawing dated 7.10.05	7.10.05	1905	15		BP	49	2
14139	(GER Permanent Way)	Full size section of rail showing wear Copy of District Engrs drawing dated 10.2.02	10.2.03	1903	15		PT	49	1
14140	L&YR-Carriage Bolster Bearing Spring for 4 Wheel Bogies	Full size section of spiral spring Copy of I.A. Timmis & Son Dg No T.3892 dated 30.10.08	30.10.08	1908			BP		1
	Timmis' Patent Wide Frame Bogie with Long	1½" to 1' elevations and plans of 8' wheelbase bogie with description							

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Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
14142	Timmis Patent wide Frame Bogie with Long Bolster (Adapting Standard Type of Wheels and Axles)	Copy of I.A. Timmis Dg No T.4265 dated 24.3.11	24.3.11	1911	15		BP	49	2
14144	Wood's Patent Feed Water Heater & Purifier as designed for Locomotive Boilers	1½" to 1' sectional view of boiler showing apparatus contained in a second dome Copy of Messrs J.E. Wood & Co Ltd, Nottingham/Locomotive Purifier & Fuel Economiser Ltd drawing	31.8.11	1911	15		BP	48	1
14145	Private Owner Wagons-Meat Van	1 ½" to 1' general arrangement of 16' 0" wood framed meat van with insulated body, meat hooks and oil axleboxes Copy of Hurst, Nelson Dg No X5298 dated 16.8.11	31.8.11	1911	15	-	BP	43	1
14156	GER-Arrangement of Firebrick in Loco Type Stationary Boiler arranged for the use of the W.H. Best Liquid Fuel Injector	1½" to 1' sectional elevations and plan of firebox and masonry base Supplementary Dg No LF431	1.05	1905	15		PB	48	3
14156	Arrangement of Firebrick for Locomotive as used in Stationary Practice Boilers for W.N. Best's L.F. Injector	1½" to 1' elevations and section showing arrangement of W.N. Best's Liquid Fuel Injector Endorsed: Submitted by W.N. Best as a proposal for fitting Gasworks boiler after trail of Dec 1904	23.2.05	1905	15		PT	49	1
14164	G.M. Disc Ventilator	Full size plan and section of circular interior hit and miss ventilator 5 ½" diameter for carriage stock J. Stone & Co Dg No N1839 dated 1.01	30.8.11	1911	15		BP	45	1
14170	Grid Ventilator	Full size elevation and section of carriage door ventilator Copy of J. Stone Dg No N1793	30.8.11	1911	15	-	BP	43	1
		1 ½" to 1' sections and plans of brick work and boiler							

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Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
14171	GER-Gas Works-Arrangement of Firebrick in Stationary Boiler for W.N. Best Liquid Fuel Injector	Endorsed: Gas Works boiler No 26 fitted for this trial 24.2.05 A. Woolford My comment: patent owned by W.N. Best International Calorific Co, California	2.05	1905	15	-	TI-C	43	2
14171	GER-Arrangement of Firebrick in Stationary Boiler for W.N. Best's L.F. Injector	1½" to 1' elevations and sections showing arrangement of W.N. Best's Liquid Fuel Injector Endorsed: final drawing embodying improvements as L.F. 431	2.05	1905	15		PT	49	1
14173	CSAR-General Arrangement of Apparatus in Compartment of Suburban Coach-Stone's Patent Ventilating, Air Purifying & Electric	1½" to 1' sections showing apparatus in carriage roof, 2 sets per carriage Copy of J. Stone Dg No N.1715	30.8.11	1911	15		BP	49	1
14181	GER-Sketch shewing Proposed Alteration to Sign Board of Angel Hotel at Wangford	1½" to 1' elevation of sign with lettering and supporting bracket	1.3.05	1905	15		PT	45	1
14235 Part	GER-Proposed New Shafts & Wheels for Change Speed Gear of Motor Buses	Full size elevations of shafts	2.06	1906	15		TI-C	45	2
14265	General Arrangement of Filter Box-Stone's Patent Ventilating & Air Purifying System for Railway Carriages	Unscaled elevation, section and plan of teak filter box Copy of J. Stone Dg No N.1795 dated 1.01	30.8.11	1911	15		BP	49	1
14283	Motor Buses-Front Wheel for Milnes-Daimler Omnibus fitted with Moseley Tyres	Full size part elevation and section of wheel Endorsed: one pair made, see also Dg No 13954	29.3.05	1905	15		TI-C	49	3
14285	GER-Driving Wheel for Milnes Daimler Omnibus fitted with Moseley Tyres	1½" to 1' elevation and section of wheel Copy of GWR drawing dated 3.05 Endorsed: one pair made My comment: too fragile to examine	3.05	1905	15		TI-C	49	3
14312	GWR-Arrangement and Details of Motor Car Shed at Slough	3/8" to 1' elevations and sections of steel framed corrugated iron clad shed 40' by 30' long and 1" to 1' details of brackets	9.6.05	1905	15		PT	45	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of GWR Dg No 17830, order LR/215							
14314	GER-Proposed Austrian Bent Wood Seat for Motor Buses	3" to 1' section of seat, length 7' 1" My comment: approved by R.V. Russell	6.05	1905	15		CI	45	2
14323	GER Cambridge-Loco Office	¼" to 1' plan of office	28.6.05	1905	15	-	P-C	44	2
14364	GER-Proposed New Road Vehicles-Low Pair horse Lorry and Low Large One Horse Van	¾" to 1' elevations and plan of 2 ½ ton vehicles My comment: too fragile to examine	1.9.05	1905	15		PB	49	3
14407	GER-Diagram of Proposed York and Harwich Train with through Carriages for Liverpool, Manchester and Birmingham	1/16" to 1' elevation and interior plan of 12 carriage train	1.12.05	1905			P		2
14413	GER-End Profile of Carriages to run between Parkeston Quay & the North with Midland	1½" to 1' profile of elliptical roof Endorsed: sent to mr Bain	4.1.06	1906	15		TI-C	49	3
14422	GER-Diagram of Proposed Fish Wagon-Scheme II Amended	½" to 1' side and end elevations of 15' 4 plank open wagon with sheet rail and fitted with Vacuum brake and Westinghouse pipe. Body lined with 20 SWG zinc on floor and 1' 6" up sides	8.6.06	1906	15		PT-C	49	2
14453	GER-24 HP Motor Omnibus	3/8" to 1' diagram showing side and end elevations of double deck bus Nos 16-18 to	1.8.06	1906	-	-	P	55	1
14471	GER-Diagram of York & Harwich Continental Train de Luxe	1/16 outline elevation and interior plan of 11 carriage train Amended drawing removing the last carriage for Birmingham Midland	28.6.09	1909	15		P	48	2
14472	LNWR-Bogie Bolster Bearing Springs for 6 Wheel Cars	Full size section of spring Copy of I.A. Timmis Dg No T3740 dated 22.10.07	31.8.11	1911	15		BP	48	1
14475	GER-Proposed Bogie 3rd Class Corridor Carriage	3/8" to 1' interior plan of 50' 7 compartment, 1 lavatory corridor carriage	16.8.06	1906	15		PT-C	49	1
14478	GER-Proposed Bogie Brake 3rd Class Carriage	3/8" to 1' interior plan of 50' 3 compartment, 1 lavatory corridor carriage E62	17.8.06	1906	15		PT-C	49	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
14479	GER-Proposed Bogie Brake Van	3/8" to 1' interior plan of 50' x 8' 9" brake with corridor and split into two compartments Endorsed: re Mr Ellis's letter dated 27.8.06	20.8.06	1906	15		PT-C	48	1
14480	GER-Amended Proposal for Bogie Brake Van	3/8" to 1' interior plan of 50' van, 8' 9" wide with side corridor and compartment divided into two parts	28.8.06	1906	15		PT-C	45	1
14482	GER-Proposed Truck for Manual Fire Engine	¾" to 1' elevations and plan of 15'0" steel framed truck with timber floor with 2'9" wheels showing outline of fire engine	- .9.06	1906	16	-	TI-C	24	4
14495	GER-Sketch of Proposed Parcel Guard on GE Motor Buses	1½" to 1' elevation and plan of parcel guard on cab roof, scheme 1, estimated cost £3	10.10.06	1906	16	-	TI-C	34	2
14496	GER-Sketch of Proposed parcel Locker on front of GE Motor buses	1½" to 1' elevation and plan of locker on cab roof, scheme 2, cost £10	15.10.06	1906	16	-	TI-C	34	2
14502 Amend	GER-Diagram of Proposed 12 Ton Machine Truck	½" to 1' elevations and plans of steel frames flat bed 18' 0" truck	23.11.06	1906	16	-	PB	34	1
14503	CSAR-1 st & 2 nd Class Compo. Coach	Unscaled outline sectional elevation and plan of bogie carriage showing Stones Patent System of Ventilation for railway carriages Copy of J. Stone & C Dg No 1778	30.8.11	1911	16	-	BP	34	2
14505	Egyptian Rlys-Details of Ventilating Apparatus for Dining Carriage International Sleeping Co	1/10 scale details of Stones Patent Ventilating and Air Purifying System for railway carriages Copy of Stone's Dg No N1749 undated	28.8.11	1911	16	-	BP	25	1
14509	Goods Brake Van 10 Tons	¼" to 1' diagram of 10 ton 15'6" brake van Endorsed: cost £107 Copy of LNWR(?) drawing	9.1.07	1907	16	-	BP	21	2
14510	Goods Brake Van 20 Tons	¼" to 1' diagram of 20 ton 18'0" brake van Endorsed: cost £170	9.1.07	1907	16	-	BP	21	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of LNWR(?) drawing							
14511	LNWR-Covered Goods Van, to Carry 7 Tons	1/8" to 1' diagram of 16' van, cost £66 Copy of LNWR diagram dated 7.4.03	9.1.07	1907	16	-	BP	10	1
14512	L&NWR-Open Goods Wagon 20 Inch Sides	¼" to 1' diagram of 16' 0" fixed side 7 ton open wagon, cost £48 Copy of LNWR drawing	8.4.03	1903	16	-	BP	34	1
14513	LNWR-Open Goods Wagon (Fall Doors), to Carry 7 Tons	1/8" to 1' diagram of 16' open wagon 1'8" deep, cost £53 Copy of LNWR diagram dated 8.4.03	9.1.07	1907	16	-	BP	10	1
14514	LNWR-Open Goods Wagon (Door on Each Side), to Carry 7 Tons	1/8" to 1' diagram of open wagon, cost £54 Copy of LNWR diagram dated 8.4.03	9.1.07	1907	16	-	BP	10	1
14515	LNWR-Open Goods Wagon, to Carry 10 Tons	1/8" to 1' diagram of 16' open wagon 2' deep, cost £58 Copy of LNWR diagram dated 8.4.03	9.1.07	1907	16	-	BP	10	1
14516	L&NWR-Open Goods Wagon	¼" to 1' diagram of 18' 0" 20 ton open wagon 3' 6" deep full height door, cost £88 Copy of LNWR drawing	8.4.03	1903	16	-	BP	34	1
14517	LNWR-Timber Wagon (Ordinary)	¼" to 1' diagram of dumb buffered 12' 0" wagon Copy of LNWR Dg dated 8.4.08	9.1.09	1909	16		BP	52	1
14518	L&NWR-Twin Timber Wagon	¼" to 1' diagram of 14' 10½" 10 ton twin bolster wagons, cost £109 per pair Copy of LNWR drawing	8.4.03	1903	16	-	BP	34	1
14519	LNWR-Ballast Wagon	¼" to 1' diagram of 16' 0" wagon Copy of LNWR Dg dated 8.4.08	9.1.09	1909	16		BP	52	1
14520	LNWR-Coal Wagon-Steel Body and Frames	¼" to 1' diagram of 21' 0" wagon Copy of LNWR Dg dated 8.4.08	9.1.09	1909	16		BP	52	1
14521	LNWR-Hopper Coal Wagon (West Cumb.), to Carry 10 Tons	1/8" to 1' diagram of 15' hopper wagon, cost £66 Copy of LNWR diagram dated 8.4.03	9.1.07	1907	16	-	BP	10	1
14522	LNWR-Coke Wagon, to Carry 10 Tons	1/8" to 1' diagram of 16' coke wagon, cost £64 Copy of LNWR diagram dated 8.4.03	9.1.07	1907	16	-	BP	10	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
14523	LNWR-Propeller Wagon, to Carry 10 Tons	1/8" to 1' diagram of 24' propeller wagon, cost £91 Copy of LNWR diagram dated 8.4.03	9.1.07	1907	16	-	BP	10	1
14524	LNWR-Rail Wagon, to Carry 60 Tons	1/8" to 1' diagram of twin 6 wheel rail wagon, cost £316 per pair Copy of LNWR diagram dated 8.1.07	9.1.07	1907	16	-	BP	10	1
14525	L&NWR-Tram Car Trolley to Carry 15 Tons	¼" to 1' diagram of 51' 0" bogie wagon, Nos 72335-8, cost £393 Copy of LNWR drawing	8.4.03	1903	16	-	BP	34	1
14526	LNWR-Tram Car Trolley, to Carry 20 Tons	1/8" to 1' diagram of 45'11" tram car trolley, cost £308 Copy of LNWR diagram dated 8.4.03	9.1.07	1907	16	-	BP	10	1
14527	L&NWR-Boiler Trolley to Carry 35 Tons	¼" to 1' diagram of 52' 10½" over buffers bogie wagon, cost £379 Copy of LNWR drawing	8.4.03	1903	16	-	BP	34	1
14539	LNWR-Furniture Wagon, to Carry 10 Tons	1/8" to 1' diagram of 18' low truck, cost £60 Copy of LNWR diagram dated 8.4.03	9.1.07	1907	16	-	BP	10	1
14541	Diagram Showing Maximum Height and Width of Carriage and Wagon Stock when Tyres and Axles are New	1" to 1' profile and ¼" to 1' elevation of carriage with table of dimensions Copy of L&YR Dg No 6318 9.1.96	9.1.96	1896	22	M7	P	14	4
14567	GER-Profile of Proposed New Midland Rly Carriage Stock	½" to 1' profile showing GE loading gauge, maximum dimension of GE carriages, present standard GE carriage and proposed dimensions of MR stock	5.07	1907	16	-	TI	34	3
14594	GER-Diagram of Back Plate of Boiler Shewing Stays for Engine 552	1½" to 1' elevation of back plate Endorsed: copy of this drawing supplied to Mr Farme 12.7.07	5.7.07	1907	16	-	PB	25	4
14600	GER-Diagram of Family Saloon- 7 th period 1891 -95	1/8" to 1' diagram of No 15 saloon	7.3.10	1910	16	-	P	10	1
14600-12	Invalid Saloon	1/8" to 1' diagram of 32' 6 wheel saloon Nos 15 and 23 with added dimensions	7.3.10	1910	16	-	P	21	1
14600-234	Composite Carriage	1/16" to 1' diagram of 50'0" composite carriage for conversion to slip brake	19.3.23	1923	16	-	P	27	1
14601	Diagram of Bissel Bogie	Sketch of bogie	18.10.07	1907	16	M2	TI	10	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
14602	Midland Rly-Section of 85lbs Rail	Full size section of rail My comment: drawing prepared by GER	16.12.97	1897	16	-	PT	34	1
14604	GER-Proposed Section of Roofbars with Calculated Areasand Moments	Full size sections of roof bars My comment: too fragile to examine	-	1880	16	-	PT	27	1
14622	Diagrams of Boilers	1. ½" to 1' diagram of 5 boilers with dimensions 2. ½" diagram of 1 boiler with table of dimensions for 13 boilers 3. Endorsed: see Dg No 13352	12.10.93	1893	16	-	PT	34	2
14626	GWR-Diagram showing Safety Loops etc. on Private Owners Wagons	¾" to 1' outline elevations of steel and wood underframes showing position of loops on brakework Copy of GWR Dg No 32699	15.4.07	1907	16	-	BP	34	1
14640	GER-Proposed Bogie Brake 3 rd Class Carriage (approved) GER-Existing Bogie Brake 3 rd Class Carriage	3/8" to 1' interior plan of 3 compartment brake third corridor carriage with end lavatory with partition to brake compartment 3/8" to 1' interior plan of 3 compartment brake third corridor carriage with end lavatory with open access to brake compartment	9.3.08	1908	16	-	PT-C	40	1
14645	GER-Proposed Four Wheeled 20 Ton Goods Brake	¾" to 1' side and end elevations of 17' 6" brake My comment: as built to diagram 56	6.4.08	1908	16		P-C	37	2
14672-1	GER-First Class Saloon X65	½" to 1' interior plan of 50' saloon extensively annotated	17.11.08	1908	16		P	54	2
14672	GER-Proposed First Class Saloon	½" to 1' interior plan of 50' 0" officers saloon Endorsed: attendants compartment increased to 8'11", centre saloon 13' 6" My comment: future diagram 20 saloon	23.11.08	1908	16	-	PT-C	42	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
14675	GER-Four Coupled Tank Engine S44 Class-Diagram showing Centres of Gravity (Chown)	1½" to 1' diagram	5.05	1905	16		TI-C	54	3
14679	Profile of LNWR Wagon Tyres compared with GER Wagon Tyres	Full size profile of 2 LNWR tyres	22.4.09	1909	16	-	CI	21	2
14681	Profile of LNWR Wagon Tyre compared with GER Wagon Tyre	Full size profile of LNWR tyre	- .2.09	1909	16	-	CI	21	1
14682	Profile of GWR Wagon Tyre compared with GER Wagon Tyre	Full size section of tyre	2.09	1909	16		CI	52	1
14683	Profile of CLC Wagon Tyre compared with GER Wagon Tyre	Full size section of tyre of CLC wagon No 2332	22.2.09	1909	16		CI	52	1
14686	LNWR Wagon Tyre compared with GER Wagon Tyre	Full size profile of LNWR tyre	2.3.09	1909	16	-	CI	21	1
14692	GER-Diagram of Horse Box No.615	1/8" to 1' diagram of horse box to diagram 16 Endorsed: re damaged box M&GN Joint My comment: involved in accident at Hillington M&GN	27.4.09	1909	16	-	P	40	1
14796	GER-Large Covered Goods Wagon fitted with Vacuum Brake	1½" to 1' elevations and plan of 19'3" underframe showing gear and 15" cylinders My comment: altered 30.1.06	- .1.06	1906	16	-	P-C	9	2
14807	GER-12 Ton Machine Wagon A63-Axlebox X	Full size elevations, sections and plans of oil axlebox for 8" x 3 ¾" journals	20.2.06	1906	16	-	TI-C	34	4
14838	GER-Six Wheels Coupled Goods Engines Class G58 with Belpaire Firebox-Rod, Pipe	1½" to 1' elevations and plan of engine	2.06	1906	-	-	P	55	1
14841	GER-Arrangement of Combined Vacuum & Hand Brake on 17 Ton Goods Brake-N60	1½" to 1' elevation and plan of arrangement on outline of steel underframe using 18" cylinder, R type oil boxes fitted	22.2.00	1900	16	-	OU-C	34	2
14858	GER-Proposed Pneumatic Tyre for Motor Omnibus	Full size details of scheme for applying the principal of the Pneumatic Tyre My comment: too fragile to examine	9.3.06	1906	16	-	TI-C	40	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
14884	GER-Cambridge-Proposed Alterations	Copy of Engrs Dg No A12985 scheme 2 amended cost £59,528 My comment: too fragile to examine	16.8.07	1907	16		P	37	3
14897	No.38 Standard Draw Bar Cradle for Traders Wagons	2" to 1' elevation and plan of cradle Traced from L&YR Wagon Co; made by The Steel Railway Journal Box Co	7.4.06	1906	16	-	PT	25	2
14897	Standard Draw Bar Cradle for Trader's Wagons	2" to 1' elevation and plan of cradle Copy of Steel Railway Journal Box Co Ltd, Manchester Dg No 38	12.4.06	1906	16	-	BP	34	2
14917	Sketch shewing Maconochie's New Road-Lowestoft	6" to 1 mile tracing showing proposed road between Kirkly Cliff and Carlton Colville My note: not built	7.1.07	1907	16	-	PT	24	1
14928 Part	GER-28 to this for 55ft Turntable	1½" to 1' elevation of 5'11¾" timbers for turntable runway	15.4.08	1908	16	-	P	24	1
14965	L&NWR-Dining Car-Stones New Patent Electric Lighting, Ventilating & Air Purifying System	½" to 1' elevation and interior plan and interior elevation of 12 wheel car showing position of apparatus Copy of J. Stone & Co Ltd Dg No N1777 dated 1.01	30.8.11	1911	16		P	52	2
14971	GNR-6 Wheels Coupled Goods Engine (Superheater) J22 Class-Diagram of Wheel Dimensions and Axle Weights		10/08/1914		44			9	
14991	GER-Diagram Showing position of Heaters under Seats of Carriages for York and Harwich Continental Train and Method of Regulating Heat	1½" to 1' sections of 4 compartments and cross sections of seats and details of heating equipment Copy of W.S. Laycock drawing My comment: too fragile to examine	1.3.06	1906	16		PB	47	3
15011	GER-Four Wheels Coupled Tank Engines Class C59-Part Views of Cab, Tanks and Coal Bunker	1 ½" to 1' detailed arrangement Endorsed: sent to Messrs. Whitaker's 29.6.08 re. Tablet exchange apparatus My comment: too fragile to examine	17.9.06	1906	16		TI	52	3
15011 -1	LNER-Tank Engines Type F4-Proposed Addition of Coal Bunker Rails	1 ½" to 1' side elevation of bunker showing addition of 4 rails to supplement existing	29.12.24	1924	16	-	TI	40	3
15030	LNER-Sets Copper Firebox Plates, 3 Plates to One Set marked respectively A, B, & C	1 ½" to 1' elevations of 3 types of plate for N7 Class engines	22.4.26	1926	16	-	BP	40	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	One set marked respectively A, B, & C	Copy of Gorton Dg No 15133C							
15050	GER-Arrangement of Third Class Carriage	¾" to 1' general arrangement of body showing heating apparatus superimposed by Spencer, Moulton Copy of Geo Spencer, Moulton Dg No 2139 dated 15.8.12	20.11.12	1912	16	-	P-C	25	3
15050	GER-Arrangement of Third Class Carriage	¾" to 1' general arrangement of 7 compartment corridor carriage showing position of steam heating pipes and equipment added by Geo Spencer, Moulton & Co Copy of Geo Spencer, Moulton & Co Dg No 2138 dated 15.8.12; original drawing dated 1.11.06	20.11.12	1912	16		P-C	52	2
15067	GER-London & Cromer Train-Arrangement of First Class Carriage P62 Class	¾" to 1' general arrangement of 50' carriage body and details of interior	24.11.06	1906	-	-	P	55	1
15073	GER-Proposed Method of Staying Firebox of Engines Class S46 & F48	3" to 1' elevation and plan of stay arrangement	10.06	1906	16	-	TI-C	34	3
15083 Part	Sketch of Connecting Rod Brass showing White Metal	Full size part elevation and section with attached table of dimensions	2.3.08	1908	16	-	PT	25	1
15089	GWR-Arrangement & Details of Standard Firegrate-Standard Boiler No.1	1 ½" and 3" to 1' arrangement and details Copy of GWR Dg No 34596	17.11.09	1909	16	-	BP	40	3
15093	GER-Arrangement of Bogie Brake Van Classes R62	¾" to 1' arrangement of 50' body	26.11.06	1906	-	-	P	55	1
15098	GER-Wagon fitted with Screw Couplings-Proposed Strengthening Of Drawhooks	Full size elevation of drawhook	8.1.07	1907	16		TI-C	54	2
15100	GNR-6'6" Four Wheels Coupled Bogie Engines 10 Wheels	1" to 1' general arrangement of engine Copy of GNR drawing dated 14.11.00	14.11.00	1900	16	-	P-C	21	3
15101	GWR-4 Wheels Coupled Passenger Engine with Bogie & Extended Smoke Box (Atbara Class)	1 ½" to 1' general arrangement of engine with extended smokebox Copy of GWR Dg No 17849 dated 8.5.01 My comment: too fragile to examine	8.5.01	1901	16	-	PB-C	40	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15102	L&YR Radial Tank Engine Four Coupled	1½" to 1' general arrangement of 2-4-2T engine Copy of L&Y Dg No 3322	25.1.99	1899	16	-	P	32	4
15103	Belgian State Rly-End Views & Cross Sections of Express Passenger Locomotive Type 18	Copy of Dg No 18002 dated 17.9.03	17.9.03	1903	16		P-B	54	3
15104	Belgian State Railway-General Arrangement (Longitudinal Section & Plan) of Bogie Passenger Train 4 Coupled Express Engine Class 18	1½" to 1' section and plan of engine Copy of Belgian State Rlys Dg No 18001 dated 15.9.03 Endorsed: Re sanding patent (Holden & Russell) My comment: too fragile to examine	15.9.03	1903	16	-	PB	24	4
15105	L&YR-General Arrangement 4 Wheels Coupled Bogie Engine with Extended	1" to 1' arrangement My comment: too fragile to examine	12.11.00	1900	16	-	P	21	4
15106	NER-General Arrangement 4 Wheels Coupled Bogie Express engine	1½" to 1' arrangement of Class R engine Copy of NER Dg No 4872 dated 2.8.99	2.8.99	1899	16	-	P	21	3
15107	SER-General Arrangement 4 Coupled Locomotive "Invicta"	1½" to 1' elevation and plan of Canterbury & Whitstable engine Copy of SER Dg No 2148 dated 16.8.98	16.8.98	1898	16	-	BP	21	1
15108	Caledonian Rly-General Arrangement of 4 Wheels Coupled Bogie Express Engine Dunalastair III Class	Litho plate from Engineering issue 18.5.00	14.11.00	1900	16	-	Litho	40	2
15109	NLR-Loco Steam Crane to Lift 3 Tons	1 ½" to 1' elevations and plans of crane attached to rear of engine bunker Copy of NLR drawing	-	-	16	M25	TI-C	40	2
15111	Crampton's Express Tank Engine	½" to 1' elevation and sections of engine with single driving wheels Copy of Crampton drawing	1.3.80	1880	16	M4	PB	34	3
15112	Crane Locomotive-Black, Hawthorn & Co.	Reprint from Engineering 13.10.76 showing engraving and plans of 0-4-4 crane tank, a photograph and letter dated 29.10.80 to Bromley from Black, Hawthorn inviting interest	29.10.80	1880	16	M1	P	34	2
		¼" to 1' side elevations of 4 engines:							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15113	Crampton's Engines-Diagrams of Various Types & Approved Types of Ordinary Design	1. Approved type of 2-4-2 suburban tank 2. Crampton's suburban tank engine 2-4-2 3. Crampton's express tank engine 2-4-2 4. Crampton's goods engine 0-4-4-0 Copy of Crampton engine	3.2.86	1886	16	M1	BP	34	1
15114	Crampton's Locomotive and Tank Engines	¼" to 1' side elevations of 2-2-2 tender engine and 2-4-2 tank with explanation Copy of Crampton drawing	10.1.86	1886	16	M1	BP	34	1
15115	GWR-Standard Crank Axle for Bogie Express Engines	3" to 1' elevations of axle Copy of GWR Dg No 661 dated 24.8.00	24.8.00	1900	16	-	BP	40	1
15116	GNR-Built up Crank Axle No 21	1 ½" to 1' elevations of axle, centre of journals 3' 11 ½" Copy of GNR drawing	7.12.03	1903	16	-	P	40	2
15117	GNR-Built up Crank Axle No 35	1 ½" to 1' elevations of axle, centre of journals 8' 9 ½" Copy of GNR drawing	7.12.03	1903	16	-	P	40	2
15118	L&NWR-Diagram of Axle for 7' 0" Four wheeled Coupled Compound Passenger Engines	1" to 1' elevations of crank axle with 12" throw Copy of LNWR drawing	13.11.00	1900	16	-	TI	32	3
15119	GWR-Crank Axle-13" Throw	3" to 1' elevations of crank axle Copy of GWR Dg No 661 dated 15.11.00	15.11.00	1900	16		BP	52	1
15120	GWR-Built Up Crank Axle 1' 1" Throw	3" to 1' elevations of crank Endorsed: one crank for trial for 18" x 26" cylinders Copy of GWR Dg No 17474	2.12.03	1903	16	-	PB	34	2
15121	L&SWR-Crank Axle, 13" Throw for Express Engines	3" to 1' elevation of axle Copy of LSWR Dg No 7278 dated 9.11.00	9.11.00	1900	16	-	BP	21	2
15122	NER-Crank Axle-13" Throw	3" to 1' elevations of crank axle Copy of NER Dg No 4528	12.11.00	1900	16	-	BP	40	1
15123	Caledonian Rly-Crank Axle for 18½" x 26" x	3" to 1' elevation of axle	2.8.02	1892	16	-	BP	21	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15123	5'0" Passenger and Goods Engines	Copy of CR Dg No 9068 dated 2.8.98	2.8.98	1898	16	-	BP	21	2
15124	NBR-Crank Axle for Bogie Express Engines	3" to 1' elevations of axle Copy of NBR Dg No 117 dated 15.11.00	15.11.00	1900	16	-	P	2	
15125	LNWR-Driving Axle for Passenger Engine-Low Pressure Engines	3" to 1' elevations of driving axle Copy of LNWR drawing undated	18.11.04	1904	16	M4	TI-C	24	3
15126	G&SWR-13" Crank Axle	3" to 1' elevations of crank axle Copy of Caledonian Rly Dg No 1933 dated 22.11.00	22.11.00	1900	16	-	PT	24	1
15127	GCR-Crank Axle-18" Throw	1 ½" to 1' elevations of crank axle with 26" stroke Copy of GCR drawing	13.11.00	1900	16	-	P	40	3
15128	L&YR-Crank Axle 18" Throw	Full size elevation and 1 ½" to 1' arrangement Copy of L&YR Dg No 3180	10.11.00	1900	16	-	BP	40	2
15129	NLR-Standard Engines-Horn Block, Hornstay, Axlebox and Wedge	Full size elevations, sections and plan of components Copy of NLR Dg No 38 dated 23.9.73	23.9.73	1873	16	-	PT-C	25	2
15129	No title	Office stamp dated 19-2-1870		No date	No number			33	
15130	Arrangement of Radial Axle Box for Tank Engines	Copy of L&YR Dg No 3971 dated 25.1.99 My comment: too fragile to examine	25.1.99	1899	16	-	P	24	4
15131	LNWR-4'6" Four Wheels Coupled Side Tank Engine-Radial Axlebox	3" to 1' elevations, section and plan of axlebox Copy of LNWR drawing	12.3.77	1877	16	-	BP	10	1
15132	G&SWR Horn Block & Wedge	1½" to 1' elevations and plan of components Copy of GSWR drawing undated My comment: too fragile to examine	-	-	16	M2	TI	24	4
15133	NLR-Horn Block & Stay	3" to 1' section and elevation of stay	17.3.75	1875	16	M2	TI-C	27	3
15134	GNR-Axlebox & Hornblock for 3200 Galls. Tender	Full size elevations, sections and plans of components Copy of GNR Dg dated 23.11.87 My comment: too fragile to examine	27.11.87	1887	16	M2	TI-C	52	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15135	GWR-Leading Axlebox for Passenger Engines	Full size elevations, sections and plan of oil box Copy of GWR Dg dated 3.6.86	27.11.87	1887	16	M2	TI-C	52	3
15136	Solidified Oil Tender Axle Box for Goods Locos	Full size section of axlebox for 9 ¾" x 5" journals	Undated	-	16	M2	PT-C	54	1
15137	NLR-Hornblock Stay, etc	6" to 1' elevations and plan of hornblock Copy of NLR drawing My comment: too fragile to examine	7.3.75	1875	16	-	TI-C	40	4
15138	H.W. Widmark's Patent Radial Axle Box	Unscaled engraving showing arrangement Copy of Avonside Engine Co lithograph	-	-	16	M2	Litho	21	3
15140	Young's Patent Loco Axlebox	6" to 1' elevation, section and plan of axlebox with text	23.2.80	1880	16	M2	Litho	40	2
15141	Tender Axlebox-Midland Railway	Full size elevations, sections and plans of axlebox for bogie express engines Copy of Midland Rly drawing	25.11.87	1887	17	M2	BP	1	2
15142	Pittsburgh Loco Works-Standard Truck for Engines	1 ½" to 1' elevations and plan of 5' 6" wheelbase bogie with 2' 2" wheels Copy of Pittsburgh Loco Works Drawing	24.6.72	1872	17	M2	PT	42	1
15143	MR-Bogie for Express Passenger Engine Wheels 6' 6" Diameter	3" to 1' elevations, section and plan of bogie with 6' wheelbase with 3'3" diameter wheels Copy of MR Dg No 75/451 My comment: too fragile to examine	6.11.75	1875	17	M2	TI-C	1	2
15144	Carnatic Railway-Bogies for Tenders	3" to 1' general arrangement of tender Copy of Avonside Engine Co drawing	1.5.74	1874	17	M2	TI-C	42	4
15145	NBR-Bogie for 6' 6" Coupled Engines-	1 ½" to 1' general arrangement of bogie Copy of North London Railway Dg No E51	15.4.74	1874	17	M2	TI-C	42	4
15146	GS&WR-Bogie for Tank Engine	1 ½" to 1' elevation and half plan of 5' 5" wheelbase bogie with 3' 8" wheels	2.2.77	1877	17	M2	TI-C	42	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of GS&WR drawing dated 2.2.77							
15147	GER-India Rubber Bogie Pad for Tank Engines X13 Class	6" to 1' section and plan of 2' diameter pad	26.2.03	1903	17	-	BP	40	2
15148	Arrangement of Bogie Controlling Springs-Smellies Patent	3" to 1' sections and plans of bogie Copy of G. Spencer drawing	-	-	17	M2	Litho	15	2
15149	Application of India Rubber Pad and Side Spring to Bissel Bogie	6" to 1' elevations and sections of bogie Copy of Dg No 25, origin unknown	-	-	17	M2	TI-C	4	2
15150	LNWR-Sketch of Foundation Ring for Locomotive Fireboxes	Full size sections of ring Copy of LNWR drawing dated 27.9.77	27.9.77	1877	17	M3	TI-C	4	3
15151	LNWR-Sketch of Cast Iron Comb Bars and Section of Fire Bar	Full size details and section of roof stay for firebox and sling Copy of LNWR drawing 14.7.74	14.7.74	1877	17	M3	PT-C	4	2
15152	L&NWR-Mud Hole Casing	Full size elevations and plan Endorsed: drawing made from casing sent from Crewe, NLR Works, Bow 11.4.77 Copy of LNWR Dg No 277H	11.4.77	1877	17	M3	TI-C	4	3
15153	NBR-Ash Pan Arrangement	3" to 1' section, elevations and plan of ashpan for engines with 18" x 26" cylinders and 5' wheels	4.4.76	1876	17	M3	TI-C	47	3
15154	NBR-Ash Pan & Damper Arrangement for 15" x 20" Tank Engines	3" to 1' arrangement of ash pan fitted with cast iron damper and box Copy of NBR drawing My comment: too fragile to examine	4.4.76	1876	17	M3	TI-C	4	4
15155	NLR-F.W. Webb Patent Injectors-Standard Outside Cylinder Engine	3" to 1' general arrangement of injectors My comment: too fragile to examine					TI-C	47	4
15156	L&YR-Firebox Roof Stay	Full size elevation of stay	27.2.78	1878	17	M3	TI-C	47	2
15157	GNR-Standard Roof Stay	Full size elevation of stay	23.5.78	1878	17	M3	TI-C	47	2
15158	NBR-Goods Engine Cylinders 17" x 24", wheels 5' 0"-Firebox Expansion Roof Stay	3" to 1' sections of fire box expansion roof stay Copy of NBR drawing traced at Stratford	21.5.78	1878	17	M3	TI-C	47	3
	Midland Ry Solid Drawn Copper Tube 170	3" to 1' elevation of stay							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15159	Midland Rly-Solid Drawn Copper Tube-170 p.s.i. Working Pressure	Copy of MR Dg No 85-2220 No 2 dated 18.9.99	18.8.99	1899	17		P	47	2
15160	Belgian State Railways-Arrangement of Boiler	1/10 scale elevations, section and plan of boiler Copy of Belgian State Railways drawing	21.2.81	1881	17		PB	47	3
15161	Boiler Detail-Belgian State Railway	Full size sections and elevations of firebox dimensioned in metric My comment: marked 'Neale' so received in 1881	21.2.81	1881	17		BP	35	2
15163	NER-Fire Box for Mineral Engines	1 ½" to 1' sections and elevations of firebox with list of copper plates	12.3.74	1874	17	M3	TI-C	35	4
15164	L&SWR-Express Engine Boiler	1 ½" to 1' arrangement of boiler Copy of LSWR Dg No 6266 My comment: too fragile to examine	20.11.90	1890	17	M3	BP-C	1	2
15165	LNWR-Fire Door	Full size details of fire door Copy of LNWR drawing dated 4.2.05	4.2.5	1905	17		P	46	3
15166	CV&HR-Boiler for "Hedingham" Locomotive (Hawthorn Leslie & Co. No. 2283)	1½" to 1' elevations, sections and plans of boiler Copy of R&W Hawthorne, Leslie & Co Dg No 2283 dated 12.12.01	12.12.01	1901	17		BP	46	2
15167	Colne Valley Rly-Firebox-'Hedingham'	3" to 1' elevations, sections and part plan of firebox Endorsed: Dg No 7134 and Dg No 20791-80 Copy of CVR drawing	- .1.02	1902	17	-	PT-C	4	1
15168	L&YR-Standard Boiler Tube (160 lbs Working Pressure)	Full size details of tube Copy of L&Y drawings My comment: too fragile to examine	18.9.99	1899	17	-	TI-C	4	4
15169	NLR-Iron Tube Pieced with Brass End	Full size sectional elevation of tube ends showing method of joining iron with brass Copy of NLR drawing	-	-	17	M3	PT-C	4	1
15170	(GNR-Arrangement of Roof Stays)	1½" to 1' sections of firebox roof Copy of GNR drawing dated 4.3.82	4.3.82	1882	17	M3	PB	4	1
	Mild Solid Steel Dome for Locomotive	1½" to 1' sectional elevation of dome							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15171	Iron and Steel Boilers for Locomotive Boilers	Copy of Taite & Carlton drawing 21.10.85	21.10.85	1885	17	M3	TI-C	4	4
15172 -1	Modified Cross Section of Glovers Patent Water Tube Boiler for Locomotives	1½" to 1' end elevations of Belpaire fire box Endorsed: this modification is used for forming the sides of the fire box only; see also Dg No 15172-2 and 3 Copy of Glovers Patent Water Boiler drawing	12.8.04	1904	17	-	BP	4	1
15172 -2	Sections of Glovers Patent Water Tube Fire Box Sides for Locomotives	1½" to 1' end elevations of Belpaire Fire Box Endorsed: see also Dg No 15172-1 and 3 Copy of Glovers Patent Water Boiler Dg No 7 dated 12.8.04	12.8.04	1904	17	-	BP	4	3
15173	Patent Rocking Fire-Bars applied to Locomotives	3" to 1' elevations of apparatus and a visiting card from Louis L. Hopcraft Copy of the Patent Diagonal Rocking Fire Bar Co, Old Broad Street	-	-	17	M3	T-IC	4	2
15174	Arrangement of Boiler (Clark Patent)	1½" to 1' elevations showing nest of tubes surrounding exhaust and over firebox My comment: too fragile to examine	-	c.1870	17	M3	T-IC	4	4
15175	GER-Rough Sketch of Proposed Arrangement of Westinghouse Slip Sketch	Unscaled plan and elevation showing apparatus between slip brake and main line brake showing how coupling and brake pipe is released Two sketch elevations showing apparatus closed and open	5.1.80 -	1880 c.1880	17	-	PB	4	2
15176	Westinghouse Brake-General Arrangement of Metallic coupling between Carriages	Full size elevation and section of pipe and coupling Copy of Westinghouse Brake Co Dg No 5315 dated 14.7.84	2.10.84	1884	17	M24	BP	42	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15177	GER-Westinghouse Brake-Comparative Statement of Cost of Sets of Westinghouse Brake Fittings and Spare Parts	Printed schedule for the use of the Stores Dept for the supply of sets of fittings for: Engine and Tender without Driving Wheel Brake Cylinders and Main Reservoir; Large Tank Engines; Small Tank Engines; Carriages, Horse Boxes; Carriage Trucks, etc and Van Fittings with prices added in red ink. The items relate to the '1883 reference book'	-	c.1883	17	M24	Litho	4	2
15178	Diagram for Calculating Efficiency of Brakes and the Influence of Gradients in Stopping Railway Trains	Diagram showing calculations Copy of Westinghouse Brake Co lithograph	16.1.84	1884	17	M24	Litho	1	2
15179	Double Hose and Couplings	Elevations and section of coupling hose with explanation and description of parts Endorsed: not to be applied yet Copy of Plate XVII Westinghouse Brake Co lithograph	16.1.84	1884	17	M24	Litho	1	2
15180	Metallic Connection-Pipes between Carriages for Westinghouse Automatic Brake	Full size elevations and plans of couplings	17.3.85	1885	17	M24	Litho	1	2
15181	Cylinders for Westinghouse Brake	6" to 1' elevations and section of cylinders	- .11.74	1874	17	M24	PT-C	1	2
15182	LC&DR-Cast Iron Brake Block arranged on Wheel	Full size elevation of brake block and with accompanying letter dated 2.10.78 Copy of LC&DR drawing My comment: too fragile to examine	21.10.78	1878	17	M2	TI-C	1	3
15183	NLR-Brake Block (Sketch)	Sketch of brake block on internal memo sheet Copy of NLR drawing My comment: too fragile to examine, part missing	5.2.78	1878	17	-	CI	1	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15184	GNSR-Reservoir Footplate	3" to 1' sections and elevations of reservoir Copy of GNSR drawing	18.6.90	1890	17	M2	TI-C	1	1
15185	LC&DR-Bogie Tank Engine Class A-Arrangement of Brake Levers	1 ½" to 1' elevation and plan of levers from footplate Copy of LC&DR drawing	1.3.76	1876	17	M2	TI-C	42	2
15186	LB&SCR-Sketch shewing Exhaust from Westinghouse Donkey Engine into Tender	1 ½" to 1' sketch showing method of conducting exhaust steam from brake pump into tender My comment: too fragile to examine	-	-	17	M24	TI-C	42	4
15187	Carnatic Railway Bogie Tender-Brake Gear	1 ½" to 1' arrangement of brake gear Copy of Avonside drawing dated 28.4.74 My comment: too fragile to examine	28.4.74	1874	17	M2	TI-C	42	4
15188	Engines-Cylinder Arrangement for Continuous Automatic Air Pressure Brake with Self Acting Brake Block (Carpenter System)	Full size arrangements of cylinder Endorsed: this print sent from America My comment: too fragile to examine	Nov-80	1880	17	M24	PB	34	4
15189	Brake Vans-Arrangement of Clark's Patent Chain Brake	1" to 1' side and end elevation of 4 wheel underframe showing arrangement of LNWR type chain brake	-	1863	17	M24	PT	34	2
15190	Wilkin & Clarks Brake	¾" to 1' elevation and plan of 4 wheel wood underframe showing arrangement and detailed explanation of its working and schedule of parts	-	1863	17	M24	Litho	37	3
15191	Engine & Tender-Arrangement and Description of Clark's Patent Chain Brake	Unscaled dimensioned details of components	-	1863	17	M24	PT	34	2
15192	Carriages-Details of Clark's Patent Chain Brake	3" to 1' details of components	-	1863	17	M24	PT	34	2
15193	Brake Vans-Details of Clark's Patent Chain Brake	3" to 1' details of components	-	1863	17	M24	PT	34	2
15194	Tenders-Application of Clark's Patent Chain Brake	3" to 1' details of components My comment: too fragile to examine	-	1863	17	M24	TI-C	34	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15195	Wilkin & Clark's Chain Brake-Arrangement on Van	½" to 1' elevation and plan of wood frame showing weighted lever to obtain variations in power for LNWR van with instructions Copy of Wilkin & Clark drawing	-	1863	17	M24	TI-C	42	4
15196	Clark's Chain Brake Gear Applied to a Carriage	3" to 1' arrangement showing method of adjusting brake block by screw gear My comment: too fragile to examine	-	1863	17	M24	TI-C	42	4
15197	Weight of Ironwork for One Carriage (Clark's Chain Brake)	Written schedule of each component, its weight and quantity My comment: too fragile to examine	21.10.73	1873	17	M24	TI-C	42	1
15198	Clark's Chain Brake as Applied to Wagons	3" to 1' arrangement showing method of adjusting brake blocks by rods and holes My comment: too fragile to examine	5.2.63	1863	17	M24	TI-C	42	4
15199	L&YR-Details of C. Fay's Patent Slide Break as applied to a Carriage	3" to 1' details of brake components`	5.68	1868	17	M24	PT-C	46	1
15200	L&YR-Details of C. Fay's Patent Slide Break as applied to a Guard's Van	3" to 1' details of brake components	6.68	1868	17	M24	PT-C	46	1
15201	Heberlein Self Acting Break Applied to Engine & Tender	Unscaled elevation and plan of 2-4-0 engine showing arrangement of brake gear Copy of The Heberlein Self-Acting Brake Co, London drawing	-	-	17	M24	Litho	42	1
15202	Arrangement of Heberlein Self Acting Brake on Locomotive & Tender	1:10 elevation and plan of engine showing arrangement of brake Copy of The Heberlein Self-Acting Brake Co, London drawing	-	-	17	M24	Litho	42	1
15203	Heberlein's Self Acting Railway Brake for Guards Vans as adopted on the Royal Bavarian States & Royal Prussian, Lower Silesian, Saarbrucken and other Railways	Unscaled elevation and plan showing arrangement of brake on guards van Copy of The Heberlein Self-Acting Brake Co, London drawing	-	-	17	M24	Litho	42	1
15204	Hanoverian State Railways-Arrangement of Heberlein's Self Acting Brake on Guards Van	Unscaled elevations and plan showing arrangement of brake on guards van Copy of The Heberlein Self-Acting Brake Co, London drawing	-	-	17	M24	BP	42	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		My comment: German text							
15205	Hannoverian State Railway-Arrangement of the Herbelein Self Acting Brake on a Six Coupled Goods Engine	1½" to 1' arrangement showing brake arrangement	-	c.1880	17	M24		46	3
15206	Dewrance & Malcolm's Patent Steam Brake Valve with Locking Gear	Full size elevations, section and plan of gear, price £6. 10s per set Copy of Dewrance drawing My comment: too fragile to examine	15.2.82	1882	18	M24	TI-C	5	4
15207	Dewrance & Malcolm's Patent Steam Brake Valve Arrangement without Locking Gear	Full size section and elevation of valve Copy of Dewrance & Malcolm drawing	3.3.82	1882	18	M24	TI-C	46	3
15208	Goods Engine Steam Brake Cylinder	Full size arrangement of brake cylinder Copy of D. Jones Patent drawing dated 11.1.76 My comment: too fragile to examine	11.1.76	1876	18		TI-C	43	4
15209	Steam Brake-Kitson's Patent- Bogie Wheel Details	Full size elevations, plan and section of brake details Copy of Kitson & Co drawing	28.2.77	1877	18	M24	TI-C	43	2
15210	Steam Brake-Kitson's Patent-Bogie Engine Details	Full size elevations, plan and section of brake details Copy of Kitson & Co drawing	28.2.77	1877	18	M24	TI-C	43	2
15211	Steam Brake-Kitson's Patent-Arrangement for Tender	1 ½" to 1' elevation and half plan of brake gear Copy of Kitson & Co drawing	28.2.77	1877	18	M24	TI-C	43	1
15212	Steam Brake-Kitson's Patent-Goods Engine Details	Full size elevations, plan and section of brake details Copy of Kitson & Co drawing dated 28.5.77	28.5.77	1877	18	M24	TI-C	43	2
15213	Steam Brake-Kitson's Patent Applied to Six-coupled Goods Engines	1" to 1' arrangement Copy of Kitson & Co drawing My comment: too fragile to examine	28.2.77	1877	18	M24	TI-C	43	4
15214	Steam Brake for Locomotives-Kitson's Patent Application to Six Coupled Goods	1" to 1' arrangement of brake My comment: too fragile to examine	28.2.77	1877	18	M24	TI-C	41	4
15215	Steam Brakes for Locomotives-Kitson's	3" to 1' arrangement of brakes	28.2.77	1877	18	M24	TI-C	5	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15215	Patent Application to 6 Wheeled Goods	My comment: too fragile to examine	28.2.77	1877	18	M24	TI-C	5	4
15216	R.D. Sanders Vacuum Brake-	4 documents: A. Sanders letter dated 4.2.76 to GER directors describing the brake B. a description of the apparatus C. an order form D. an estimate of the cost of the brake Endorsed: see also Dg Nos 15217 and 15218	4.2.76	1876	18		Litho	5	2
15217	R.D. Sanders Automatic Brake-Dg No 1 Direct Action; Dg No 2 Automatic Action	1" to 1' sectional elevations and half plan showing application of brake equipment to 4 wheeled underframe	4.2.76	1876	18	M24	Litho	5	2
15218	Sanders Automatic Brake	3" to 1' sections and elevations of power drum and coupling between carriages Copy of Sanders Dg No 3 Endorsed: see Dg No 15217 for arrangement	4.2.76	1876	18	M2/1	Litho	46	2
15219	Sanders & Bolitho Automatic Brake	1½" to 1' sectional elevation and plan of 4 wheel underframe showing arrangement of cylinder, blocks and through pipe Copy of Sanders & Bolitho drawing	14.4.79	1879	18		TI-C	46	2
15220	Arrangement for Attaching Smith's Vacuum Bag to Brake on 4 Wheeled Carriages	1 ½" to 1' elevations and plan showing arrangement of brake Copy of Smith's Vacuum Brake Co Dg	No date		18	M24	TI-C	52	2
15222	Automatic Vacuum Brake Sack or Vacuum Cylinder for Carriages	Full size sectional elevation of brake cylinder	-	-	18	M24	TI-C	47	3
15223	40 mm Combination Ejector for Vacuum Automatic Brake	Full size arrangement of brake My comment: too fragile to examine	23.11.90	1890	18	M24	TI-C	46	3
15224	Arrangement of Brake Blocks-Smith's Patent Vacuum Brake	3" to 1' elevations of brake blocks Copy of Smith's Vacuum Brake Co drawing My comment: too fragile to examine	4.9.76	1876	18	M24	TI-C	2	3
		Full size elevations of ejector							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15225	Tank Engines 133 Class (Johnsons)-Smiths Vacuum Brake-Arrangement of Ejector	Copy of Smith's Vacuum Brake Co drawing My comment: too fragile to examine	25.8.74	1874	18	M24	TI-C	2	3
15226	GER-Proposed Modification of Figures	Full size tracing of figures 1-10 size 7 7/8" high Endorsed: pencil lines show GER pattern; buffer beam figures approved except 7 and 8 Copy of Kitson's drawing dated 20.5.78	20.5.78	1878	18	-	TI-C	5	3
15227	Howard's Patent Buffer for Engines	Full size sections and elevations of self contained buffer Copy of Spencer & Co drawing My comment: too fragile to examine	-	-	18	M2	CI	2	1
15228	Engine Buffer	Full size elevation and section of self contained buffer Copy of John Spencer drawing	-	-	18	M2	Litho	2	2
15229	D. Nelson Arnold's Patent Wrought Iron Buffer	6" to 1' section and end elevation of self contained buffer	2.4.81	1881	18	M2	Litho	2	3
15230	William Tijou's Patent Wrought Iron Buffers for Locomotive Engines, Carriages, Wagons and Trucks	Full size sectional elevation and half section of self contained buffer, licensee the Bristol Wagon Works Copy of Tijou Dg No 9 My comment: too fragile to examine	-	-	18	M2	Litho	2	2
15231	George Turton's Patent Wrought Iron Buffer fitted with G. Spencer India Rubber Cylinders No11 Pattern A3 for locomotives	Full size section and end elevation of buffer	1.4.78	1878	18	M2	BP	2	2
15232	Taite & Carlton's Patent Wrought Buffer B	6" to 1' elevations and sections of self contained buffer Copy of Taite & Carlton's Dg No 1413	-	-	18	M2	TI-C	2	2
15233	GNR-Arrangement of Carrying Fire Irons on Locomotive Tender	1½" to 1' part side and end elevation of tender Copy of GNR drawing	26.5.04	1904	18	-	P-C	2	2
15234	LNWR-Sketch shewing Position of Pocket on top of 3000 Galls Tender for Firemen's Tools	Unscaled sketch elevation and plan of tender top Copy of LNWR drawing	27.5.04	1904	18	-	CI	2	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15235	NER-Position of Fire Irons on Loco Tenders	¼" to 1' elevation and plan of tender top Copy of NER drawing	30.5.04	1904	18	-	BP	2	2
15236	L&YR-Method of Securing Engine Tools on Tenders	1½" to 1' elevations and plan of tender top My comment: too fragile to examine	24.5.04	1904	18	-	TI-C	5	3
15237	GWR-Side Plates & Fire Iron Guards for Standard 3000 Galls Locomotive Tender	1½" to 1' elevations of tender tank and 3" to 1' details of fittings Copy of GWR Dg No 21093 dated 9.02	24.5.04	1904	18		BP	47	2
15238	Highland Rly-Arrangement for Securing Fire Irons on Locomotive Tenders	1½" undimensioned end elevation of tender at footplate end Copy of Highland Rly drawing dated 30.5.04	30.5.04	1904	18		PT	46	1
15239	Midland Railway-Fire Iron Guard on Locomotive Tenders	3" to 1' elevations and plan of irons Copy of Midland Rly Dg No 03-5604 dated 30.5.04	30.5.04	1904	18		PB	46	3
15240	Metropolitan Rly-Arrangement of Condensing Pipes on Tank Engines Supplied by Messrs. Beyer Peacock & Co.	3" to 1' arrangement of condensing apparatus within side tanks and letter dated 5.4.93 addressed to W.D.Craig	5.4.93	1893	18	-	PL	5	1
15241	Worsdell, von Borries & Lapages System of Compound Engines	1 ½" to 1' general arrangement of compounding Copy of Taite & Carlton drawing My comment: too fragile to examine	18.8.90	1890	18	M1	PB	43	4
15242	L&NWR-Standard Screw & Link Coupling for Engines & Tenders	Full size elevation and plan of coupling Copy of LNWR drawing My comment: too fragile to examine	27.1.04	1904	18	-	P	43	3
15243	Midland Railway-Standard Screw Coupling	Full size elevation of coupling Copy of MR Dg 92-3776 dated 29.7.95	29.7.95	1895	18	M2	PB	46	2
15244	NBR-Feed Coupling for 18' Goods Engine	Full size section of coupling between engine and tender Copy of NBR drawing dated 3.10.76	3.10.76	1876	18	M2	TI-C	47	3
15245	LNWR-Circular Slide Valve arranged for	6" to 1' arrangement of circular slide valve for outside cylinder engines	30.10.78	1878	18	M4	TI-C	46	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15245	Outside Cylinder Engines	Copy of LNWR drawing My comment: too fragile to examine	30.10.78	1878	18	M4	TI-C	40	3
15246	Roberts' Patent Double Exhaust Port Cylinder	Unscaled section of cylinder with accompanying specification from E.A.L. Roberts and Titusville, Pennsylvania and comment on invention dated 11.11.79 by W.H O'Neal Neale, GER Chief Draughtsman	11.11.79	1879	18	M4	Litho	2	2
15247	Belgian State Railways-Arrangement of Cylinders 19" x 26" for Goods Engines Mogul	3" to 1' elevations, sections and plans of cylinders My comment: too fragile to examine	24.3.81	1881	18		PB	46	3
15248	GWR-Arrangement of 17" Cylinders	Full size sectional elevations and plans of 17" x 24" cylinders Copy of GWR drawing	19.3.86	1886	18	M4	TI-C	35	4
15249	LNWR-Six Coupled Goods Engines Webb's Patent Circular Slide Valve	6" to 1' elevations and section of valve Copy of LNWR drawing My comment: too fragile to examine	14.4.77	1877	-	M4	TI-C	27	4
15250	NLR-Standard Outside Cylinder Engine-Cylinder	6" to 1' side and front elevation of cylinder Copy of NLR Dg No 45F	-	-	18			46	
15251	NLR-Standard Outside Cylinder Engine-Cylinder	6" to 1' sections of cylinder Copy of NLR Dg No 44F undated	-	-	18	N4	PT-C	20	2
15252	NER-Compound Engine No 1324-Indicator Diagram	1" to 80' diagram Copy of NER Dg dated 2.87 My comment: too fragile to examine	2.87	1887	18	M1	TI-C	51	4
15253	Compound Express Engine No. 1518 (Worsdell & Von Borries System)	Series of 7 indicator diagrams Copy of NER Dg No 2364 dated 29.1.90 but submitted by Taite & Carlton as their drawing No 3394	-	1890	18	M1	BP	24	3
15254	Diagrams of engines sent to Mr. Langley	¼" to 1' wheel diagrams of 7 engines and tenders giving weights on wheels My comment: signed by W.D. Craig	5.6.82	1882	18	-	BP	40	2
15255	NER-Valve Diagrams Goods Engine with Lever	Diagrams for high and low pressure cylinders Copy of NER Dg No 2542	6.8.90	1890	18	M1	BP	40	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15257	GWR-Diagram of 6 Coupled Goods Engine & Tender with Radial Axle at Leading End (Extended Smokebox)	3/8" to 1' side elevation of 2-6-0 engine with description Copy of GWR Dg dated 14.3.01	14.3.01	1901	18	-	PB	30	1
15258	GCR-Diagram of "Single" Bogie Express Engine No.13 Class	¼" to 1' side elevation of single wheel engine No 13 Class 19½" cylinders, 7'9" driving wheels and wheelbase 22'11" Copy of GCR diagram	10.5.01	1901	18	-	P	2	2
15259	NER-Indicator Diagrams of Compound Goods Engine No. 16	Sheet of diagrams Copy of NER drawing sheet No 2	15.3.87	1887	18	M1	BP	46	2
15260	L&YR-Diagram shewing Maximum Heights & Widths of Loco Stock	Unscaled elevations of front of engine with key but lacking dimensions plus letter My comment: assume spare blank form, completed version returned to L&YR	16.6.95	1895	18	M1	P	46	3
15261	G&SWR-Diagram of 4 Coupled Bogie Express Passenger Engine	½" to 1' elevation of 4-4-0 engine with dimensions and data Copy of GSWR Dg No 3269 dated 21.11.00	21.11.00	1900	19	-	PT	27	1
15262	Northern Pacific Railway-Injector Diagram from Compound Mastodon Locomotive	Diagram traced from the Engineer dated 16.7.97	- .7.97	1897	19	-	PT	9	1
15263	GWR-Bogie 4 Coupled Express Engine and Tender- Diagram of Weights on Rails	3/8" to 1' diagram Copy of GWR drawing My comment: too fragile to examine	22.1.00	1900	25	-	BP	8	4
15264	GWR-Diagram of 4 Wheels Coupled Bogie Express Passenger Engine	3/8" to 1' diagram of 4-4-0 engine Copy of GWR drawing dated 15.11.00	15.11.00	1900	19	-	PB	9	2
15265	GNR-Diagram of 4 Wheels Coupled Express Engine & Tender	¼" to 1' diagram of 4-4-2 engine Copy of GNR drawing dated 14.11.00	14.11.00	1900	19	-	Litho	9	1
15266	L&SWR-Diagram of 4 Wheels Coupled Bogie Express Engine & Tender	¼" to 1' diagram of 4-4-0 engine Copy of LSWR drawing dated 9.11.00	9.11.00	1900	19	-	PB	9	2
15268	L&SWR-Particulars of 4 Wheels Coupled Bogie Express Cyls 18½" x 26"	Typescript details, pages 2 to 5 only	9.11.00	1900	19	-	P	32	2
15269	GNR 8 Wheels Coupled Side Tank Engine	3/8" to 1' diagram of 0-8-2 tank engine	6.10.02	1902	19		P	24	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15269	GNR-8 wheels Coupled Side Tank Engine	Copy of GNR diagram	6.10.03	1903	19	-	P	34	3
15270	L&YR-Diagram Showing Types of Tank Engines	Diagram and schedule Copy of L&Y drawing dated 8.3.05	8.3.05	1905	19	-	P	9	2
15271	NBR-Diagram of 4 Wheels Coupled Bogie Express Engine	¼" to 1' diagram of 4-4-0 engine and letter dated 14.11.00 Copy of NBR drawing dated 10.11.00	10.11.00	1900	-	-	P	9	2
15272	Arrangement of S.S.Younghusband's Patent Valve Gear	1" to 1' diagrams of three sets of valve gear of NER engines with three diagrams showing their performance Copy of Samuel S. Younghusband Dg No dated 24.9.00	24.9.00	1900	19	-	BP	30	2
15273	MR-Express Passenger Engine & Tender	¼" to 1' diagram of 2-4-0 engine with weights in working order Copy of MR Dg No 80/1346 No 7 dated 2.12.84	30.11.03	1903	19	-	PB	9	2
15274	Midland Rly-Express Passenger Engine & Tender	¼" to 1' diagram of 4-4-0 engine Copy of MR Dg 30/1346 No 1 dated 3.12.84	30.11.03	1903	19	-	PB	24	2
15275	Midland Rly-Express Goods Engine & Tender	¼" to 1' diagram of 0-6-0 engine Copy of MR Dg 80/1418 No 4 dated 3.12.84	30.11.03	1903	-	-	PB	24	2
15276	GWR-Valves and Pistons	Booklet from GWR Loco Dept mutual Improvement Class, Stourbridge of questions and answers on valves and pistons with explanatory sheets of diagrams	-	-	19	M1	BP	24	2
15277	GER-Diagrams Shewing Length and Weights of Standard Locomotives	3/8" to 1' diagrams of 7 types of engine	10.10.88	1888	19	-	TI	23	3
15278	GNR-8 Wheels Coupled Side Tank Engine	1/8" to 1' diagram of 0-8-0 tank engine Copy of GNR diagram dated 6.10.03	6.10.03	1903	19	-	P	23	2
15279	Past & Present Engines constructed by Robert Stephenson & Co. Ltd. 1825 - 1887	Unscaled side elevations of numerous engines in ornamental frame	8.10.87	1887	-	-	Litho	2	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15280	GER-Diagram of Engines, Trucks & Cranes shewing Lengths of Wheel-bases and Weights upon Rails	1/8" to 1' wheelbase diagrams of 12 engines and 40 ton crocodile truck, 40 Ton coal truck, 12 ton 6 wheel steam accident crane and Way & Works Dept 10 ton 6 wheel steam crane Copy of Engineer's Dg No A13116 dated 16.8.05	- .8.05	1905	19	-	Litho	9	2
15281	Diagrams giving the Number of Different Types of Tank Engines Running in the United Kingdom May 1905	Wheelbase diagram and schedule of 53 types and 71 railways, including narrow gauge Copy of L&Y Dg No 8943 dated 18.5.09	25.10.05	1905	19	-	BP	9	2
15282	Trip with Locomotive No.275 titled Pielock Superheater Train No.206 from Berlin to Halle-Diagram of Temperatures	Diagram Copy of Georg Egestorn Dg No LB62 dated 28.7.04	28.7.04	1904	19	-	Litho	9	2
15284	GWR-Diagram of 6 Wheels Coupled Goods Engine with Bogie	3/8" to 1' diagram of 4-6-0 engine Copy of GWR drawing dated 13.3.01	15.3.01	1901	19	-	PB	9	3
15288	GWR-Arrangement of Riveted Joints Standard Boiler for Double Frame Goods Engine	6" to 1' arrangement of joints Copy of GWR drawing My comment: too fragile to examine	19.4.90	1890	19	-	PB	25	4
15289	GWR-Arrangement of Rivetted Joints, Narrow Gauge Boiler	1½" to 1' arrangement of joints Copy of GWR drawing My comment: too fragile to examine	23.4.90	1890	19	M3	PB	24	4
15292	GWR-Narrow Gauge Engines-Section of Joint at Smokebox End of Boiler	Full size section of joint Copy of GWR drawing My comment: too fragile to examine	23.4.90	1890	19	M3		25	
15293	GWR-Arrangement of Injector	Full size arrangement of injector Copy of GWR drawing Fragment of drawing only	10.11.85	1885	19	-	TI-C	30	4
15294	NBR-Tank Engine Cyls 15" x 22" Wheels 4' 6"-Arrangement of Injector Steam Cock for	Full size elevation and section of cock Copy of NBR Dg dated 18.10.77	18.10.77	1877	19		PT-C	53	1
15295	GS&WR-Friedmanns No.8 Injector	Full size sections of injector Copy of GSWR Dg No 2 undated	30.1.74	1874	19	M6	TI-C	25	4
15296	Locomotive Engines-Horizontal Arrangement of the "Perfect" Restarting Injector to deliver 1990 Gals per Hour	Full size arrangement Copy of GWR drawing My comment: too fragile to examine	-	-	19	M6	PB	27	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15297	Dixon's Injector No.10 as Arranged for Goods Engines K15-Second Arrangement	Full size elevation and section of injector Copy of Alfred Dixon drawing dated 18.7.83	18.7.83	1883	19	M6	PT	25	2
15298	Dixon's Patent Injector No 8 as arranged for K15	Full size elevation and section of injector Copy of Alfred A. Dixon, London drawing	27.7.83	1883	19	M6	PT	33	1
15299	Dixon's Patent Injector	Full size sections of injector Copy of Alfred Dixon, London drawing My comment: too fragile to examine	22.8.82	1882	19	M6	TI-C	43	4
15300	Arrangement of Dixon's Injectors for Goods Engines	1½" to 1' arrangement of apparatus shown on K15 class 0-6-0 goods engine Copy of Alfred A. Dixon drawing My comment: too fragile to examine	4.5.83	1883	19	M6	TI-C	9	3
15301	Friedmann's Patent Locomotiv Injector No.7 Class E	Full size sections of injector Copy of Sharp, Stewart drawing	25.4.78	1878	19	M6	Litho	9	2
15302	Arrangement of Gifford's Patent Injector No.10-Class 1	Full size external elevations and plan Drawing received from Sharp, Stewart My comment: too fragile to examine	24.8.66	1866	19	-	M6	9	3
15303	F.W. Webb's Patent Injector 10 mm	Full size arrangement of injector Copy of LNWR Dg No 2003H My comment: too fragile to examine	6.10.72	1872	19	M6	TI-C	9	4
15304	Friedmann Patent Locomotive Injector No 7 Class E	Full size elevations and section Copy of Alexander Friedmann drawing undated My comment: too fragile to examine	25.4.78	1878	19	M6	TI-C	25	4
15305	Friedmann's Locomotive Injector No 8 Class E Non Lifting	Full size elevation, section and plan of injector Copy of Alexander Friedmann drawing undated	25.4.78	1878	19	M6	Litho	25	3
15306	Kitson's Patent Fixed Nozzle Injector	Full size details My comment: too fragile to examine	-	1881	19	M6	TI-C	9	4
15307	Combination Valve for Injector	Full size elevations of injector Copy of Gresham & Craven drawing My comment: too fragile to examine	19.8.87	1887	19	M6	TI-C	9	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15309	No.10 Gresham & Craven Injector	Full size details of injector My comment: too fragile to examine	14.8.82	1882	19	M6	TI-C	7	3
15310	Arrangement of Combustion Valves on Locomotive Fireboxes	Full size details Copy of Gresham & Craven Dg No 2927.87 dated 20.9.87 My comment: too fragile to examine	20.9.87	1887	19	M6	P	25	4
15311	Arrangement of No.10 Injector	6" to 1' elevations of injector Endorsed: owing to flanges etc. not being in suitable position for GER stock this drawing was rejected, Dg No 12735 shows GER requirements Copy of Gresham & Craven Dg No 5507-03 dated 20.6.03	20.6.03	1903	19	-	P	24	3
15312	Holden & Brooke's Exhaust Injector-Modified Arrangement	1½" to 1' details of injector Copy of H&B Dg No 366 My comment: too fragile to examine	25.9.91	1891	19	-	TI-C	9	3
15313	Exhaust Injector-Handle Arrangement for Working Wing Valve	Full size arrangement of handle Copy of Holden & Brooke's Dg No 274	25.9.91	1891	19	M6	TI	25	3
15314	Holden & Brooke's Exhaust Steam Injector-Wing Valve on Exhaust Pipe	Full size details of valve Copy of H&B Dg No 259 My comment: too fragile to examine	25.9.91	1891	19	M6	TI-C	9	3
15315	GER-Express Engines T19 Class-Holden & Brooke's Exhaust Steam Injector-Method of Working with Live Steam when Engine is	Full size details of injector Copy of H&B Dg No 258 My comment: too fragile to examine	25.9.91	1891	19	-	TI-C	9	3
15316	Exhaust Steam Injector	Full size elevations of injector Copy of Holden & Brooke Dg No 505	25.9.91	1891	19	M6	BP	38	1
15318	Holden & Brooke's Exhaust Steam Injector	Full size elevation and section of injector Copy of H&B drawing	-	1891	19	M6	BP	9	1
15319	Exhaust Steam Injector	1½" to 1' arrangement shown on part outline engine to work with live steam alone when the engine is standing Copy of Holden & Brooke Dg no 502	-	1891	19	M6	BP	38	1
15320	Holden & Brooke-Exhaust Steam Injector	Full size section of injector Copy of Holden & Brooke's drawing	-	1891	19	M6	BP	25	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15321	Metcalfe's Patent-Grease Separator for No.8 Injector	Full size elevations of injector Copy of Davies & Metcalfe's Dg No 501 undated	9.3.99	1899	19	-	BP	25	1
15322	Grease Separator for No. 10 Injector	6" to 1' elevations of separator Copy of Davies & Metcalfe Dg No 512	9.3.99	1899	19		BP	38	1
15323	Davies & Metcalfe's Patent-No.10 Loco Exhaust Injector -Supplementary Portion	Full scale details of injector Copy of Davies & Metcalfe Dg No 561 dated 9.3.99	9.3.99	1899	19	-	BP	27	1
15324	Engines-Throttle Valve for No.9 Exhaust Injector	Full size elevations and sections of valve Copy of Davies & Metcalfe's Patent Dg dated 16.4.83 My comment: too fragile to examine	16.4.83	1883	19	K17	TI-C	53	4
15325	No.9 Loco Exhaust Injector-Davies & Metcalfe's Patent	6" to 1' details of three components Copy of D&M Dg No 174 dated 30.10.99	30.10.99	1899	19	-	BP	25	2
15326	No.8 Loco Exhaust Injector-Davies & Metcalfe Patent	6" to 1' elevations of components for exhaust portion and supplementary portion Copy of Davies & Metcalfe drawing dated 9.3.99	9.3.99	1899	19		BP	38	1
15327	Davies & Metcalfe Patent-No 9-Automatic Restarting Injector	Full size section of injector Copy of Patent Exhaust Steam Injector Co Dg No 563 dated 23.3.99	23.3.99	1899	19	-	BP	25	3
15328	Steam Drier & Grease Separator (Savill's Patent)	4" to 1' elevations and plan of separator Copy of Patent Exhaust Steam Injector Co, Manchester Dg dated 2.91 My comment: too fragile to examine	2.91	1891	19	M6	TI-C	53	4
15329	No.8 Loco Exhaust Injector-Supplementary Portion- Davies & Metcalfe Patent	6" to 1' elevations of components for exhaust portion and supplementary portion Copy of Davies & Metcalfe drawing dated 9.3.99	9.3.99	1899	19		BP	38	1
15330	No.9 Loco Exhaust Injector fitted with Metcalfe's Patent Lever Starting Valve-	Full size elevations and sections of valve	11.12.99	1899	19	-	TI-C	42	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15330	Supplementary Portion of Davies & Metcalfe's Patent	Copy of Davies & Metcalfe's Dg No 581 dated 4.12.99	4.12.99	1899	19	-	TI-C	43	5
15331	Grease Separator Specially arranged for GER- Davies & Metcalfe's Patent	Full size elevations and sections of separator Copy of Davies & Metcalfe's Dg No 500 dated 19.11.95	19.11.95	1895	19	-	TI-C	43	4
15332	Automatic Starting Valve-Metcalfe's Patent	Full size section and elevation of valve Copy of Davies & Metcalfe's Dg No 562 dated 20.3.99	20.3.99	1899	19	-	BP	43	2
15333	No.10 Injector 'Atlas' Patent Class F-Non Lifting	Full size sections Copy of Sharp, Stewart Dg No S308 My comment: too fragile to examine	12.4.82	1882	19	M6	TI-C	27	3
15334	Davies & Metcalfe's Patent-Alternative Throttle Valve etc for Exhaust Portion of Exhaust Injector	Full size elevation and section of valve	-	1897	19	-	TI-	25	3
15336	J. Stone & Co Patent Sight Feed Lubricator, 1½ pint Size	Full size sections of lubricator Copy of J. Stone Dg No 1847 dated 10.12.95	10.1.295	1895	20	-	BP	7	3
15337	Locomotive Sight Feed Lubricator-Schonheyder's Patent	Full size sections and elevations Copy of Beck & Co, London drawing	-	-	20	M6	TI-C	7	3
15338	Midland Rly-Lubricator for Cylinders	Full size details of mushroom lubricator for cylinders Copy of MR Dg No 85/2309 My comment: too fragile to examine	29.1.92	1892	20	M6	PB	16	3
15341	4 Inch Patent Piston Lubricator	Full size section of lubricator Copy of Dewrance drawing My comment: too fragile to examine	11.3.75	1875	20	M6	TI-C	16	4
15342	L&NWR-Lubricator for Cylinders	Full size details of lubricator Copy of LNWR drawing My comment: too fragile to examine	11.3.75	1875	20	M6	TI-C	16	4
15343	Dewrance's Patent Sight-feed Lubricator-Method of Fixing	Unscaled side elevation of a cab showing position of lubricator Copy of Dewrance drawing dated 9.5.94	9.5.94	1894	20	-	BP	21	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15344	Steam Chest Lubricator	Full size elevations and sections of lubricator Copy of R&W Hawthorn Dg No 1249	7.6.77	1877	20	M6	TI-C	7	2
15345	NBR Wheatley's Lubricator Cock for Valves	Full size elevations and sections of valve Copy of NBR drawing My comment: too fragile to examine	19.10.74	1874	20	M6	TI-C	39	4
15346	GER-Sight Feed Lubricator with Automatic Auxiliary Feed	Full size elevations and section of lubricator Copy of C.C. Wakefield Dg dated 13.1.02	13.1.02	1902	20	-	P	27	3
15347	Sight Feed Lubricator-Vacuum Oil Co.	Full size sections of lubricator with instructions Copy of Wn P. Thompson & Co Dg	9.9.93	1893	20	M6	Litho	39	2
15348	MR-Joy's Patent Reversing and Expansion Motion as Arranged for Locomotives	3" to 1' elevations of motion	30.5.79	1879	20	M4	TI-C	39	4
15349	LNWR Diagram of Straight Link Valve Motion as Applied to 5' 6" Passenger Engines 4 Wheels coupled	½" to 1' elevation with dimensions and valve settings Copy of LNWR drawing	14.7.74	1874	20	M4	PT	39	1
15351	Russian State Railways-Compound Engines	1½" to 1' arrangement of motion, a modification of Joy's Patent Copy of Glebkoshansky drawing My comment: too fragile to examine	16.9.04	1904	20	-	TI-C	16	3
15352 -1	Arrangement (b) of Valve Gear-Kitson's Patent Motion	1 ½" to 1' elevation of arrangement (b) Copy of Kitson & Co drawing	-	-	-	-	TI-C	39	2
15352 -2	Arrangement (a) of Valve Gear-Kitson's Patent Motion	1 ½" to 1' elevation of arrangement (a) Copy of Kitson & Co drawing	-	-	-	-	TI-C	39	2
15352 -3	East India Railway-Steam Diagram of Proposed Valve Motion-Kitson's Patent	6" to 1' diagrams Copy of Kitson & Co Dg No TL141	-	-	20	M4	BP	16	2
15353	Lentz Loco Valve Gear-Sections & Elevations of High Pressure Cylinders	Unscaled elevations of cylinders Copy of Lentz Dg No 333 My comment: too fragile to examine	29.12.05	1905	20	-	BP	16	3
15354	Lentz Loco Valve Gear-Steam Chest Cover with Valves	Unscaled details Copy of Lentz Dg No 334	29.12.05	1905	20	-	BP	16	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15355	Lentz Loco Valve Gear-Comparison with Trick Valves	Unscaled details Copy of Lentz Dg No 335 My comment: too fragile to examine	29.12.05	1905	20	-	BP	16	2
15356	Lentz Loco Valve Gear-Arrangement of the Mechanism & Diagram shewing Steam	Unscaled arrangement Copy of Lentz Dg No 336	29.12.05	1905	20	-	BP	33	2
15357	Lentz Loco Valve Gear-Diagram of Valve Movement & Cam Rods	Unscaled diagram Copy of Lentz Dg No 337 My comment: too fragile to examine	29.12.05	1905	20	-	P	21	4
15358	Lentz Loco Valve Gear-General Arrangement of the Gear showing Trick Valve on Low Pressure Cylinder and Lentz	6" to 1' arrangement of gear Copy of Lentz Dg No 338 dated 29.12.05	29.12.05	1905	20	-	BP	27	3
15359	Lentz Loco Valve Gear-Arrangement for Twin Tandem Cylinders	6" to 1' arrangement of gear Copy of Lentz drawing	29.12.05	1905	20	-	BP	39	3
15360	Lentz Loco Valve Gear-Arrangement of Reversing (a) Kulis (b) Lenk	3" to 1' elevation of gear Copy of Lentz Dg No 340	29.12.05	1905	20	-	BP	31	2
15361	Lentz Loco Valve Gear-Arrangement shewing method of reversing	3" to 1' elevation of gear Copy of Lentz Dg No 345	29.12.05	1905	20	-	BP	31	2
15362	Lentz Loco Valve Gear-Diagram of 4 Coupled Bogie Engine with Twin-tandem	½" to 1' side elevation of 4-4-0 engine Copy of Lentz Dg No 346	29.12.05	1905	20	-	PB	32	3
15363	Lentz Locomotive Valve Gear-Power Calculations at 300 Revs.	Diagram Copy of Lentz Patents Dg No 445	29.12.05	1905	20	-	BP	7	2
15364	NLR-Crosshead for Locomotives	Full size elevation, section and plan of crosshead Copy of NLR Dg dated c.1904	16.9.04	1904	20	-	TI-C	30	3
15365	GNR-Slide Valve & Port Face of 6'-6" Engines	6" to 1' section of valve Copy of GNR drawing dated 21.2.02	7.4.02	1902	20	-	TI-C	10	3
15366	Piston for Stationary Engine at Color Works of Messrs Wilkinson , Heywood & Clark at Battle Bridge	Full size details of piston Copy of Wilkinson, Heywood & Clark Dg No 49 My comment: too fragile to examine	6.8.73	1873	20	-	TI-C	33	4
15367	GWR-Crosshead for Single Bar	Full size elevation and plan Copy of GWR drawing			20	M4	TI-C	12	3
15368	NER-Crosshead & Motion Bar for Passenger Train Engine	6" to 1' elevations of components Copy of NER drawing			20	M4	TI-C	12	2
15369	NBR-Goods Engines 18" x 20" cylinders-	Full size elevation and plan	0.2.76	1876	20	M4	TI-C	12	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15369	Small End and Connecting Rod	My comment: too fragile to examine	9.5.76	1876	20	M4	TI-C	12	4
15370	NBR-Goods Engines-Large End of Connecting Rod	Full size details of rod My comment: too fragile to examine	13.1.76	1876	20	-	M4	10	4
15371	LNWR-Eccentric Sheave & Strap	Full size details of strap Copy of LNWR drawing My comment: too fragile to examine	29.5.73	1873	20	M4	TI-C	7	4
15372	LB&SCR-Sketch Showing Recess in Eccentric Pulley	Full size sketch of pulley recess Copy of LB&SCR Dg No 2389	7.12.78	1878	20	M4	TI-C	7	3
15374	Timmis' Patent System of Fitting Loco Bogies with Bearing Springs having different Resiliencies	1½" to 1' sectional elevation of bogie and description Copy of IA Timmis Dg No T.4271 dated 14.3.11	31.8.11	1911	20	-	BP	10	2
15375	Belgian State Railways-Eccentric Sheave for "Mogul"	Full size details My comment: too fragile to examine	26.3.81	1881	20	-	BP	10	3
15376	Arrangement of Rocking Shaft & Splasher	3" to 1' arrangement for Belgian Mogul Copy of Neilson drawing No 6985	22.4.81	1881	20	-	BP	32	2
15377	Mogul Engines-Rocking Shaft	Full size elevation of rocking shaft Copy of Neilson & Co Dg No 3601	22.10.78	1878	20	-	TI	32	3
15378	Timmis's Patent Spark Preventer & Smoke Consumer	1½" to 1' sections and plan of firebox showing apparatus Copy of T.I. Timmis Dg No T.3023	31.3.03	1903	20	-	BP	12	2
15379	Timmis Patent Spark Preventer & Smoke Consumer	1½" to 1' sectional elevation of firebox showing attached equipment Copy of I.A. Timmis Dg No T.3022 dated 27.3.03 Endorsed: applied to loco firebox with brick arch	27.3.03	1903	20	-	BP	30	1
15380	GER-Method of Fixing Heating Fittings on Locomotive	Diagram showing fittings for steam heating continental train Copy of W.S. Laycock Ltd Dg No 11407 dated 11.3.04	11.3.04	1904	20	-	BP	27	1
15381	GER-Locomotive Fittings-Pressure Gauge for	Full size elevations of steam heating on continental train	11.3.04	1904	20	-	BP	10	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15381	Steam Heating	Copy of WS Laycock Dg No 11408 dated 11.3.04	11.3.04	1904	20	-	BP	10	1
15382	The "Mason" Reducing Valve	Full size elevation and plan of valve used on steam heating for continental train Copy of W.S. Laycock Dg dated 11.3.04	11.3.04	1904	20	-	BP	30	2
15383	Smith & Hills Patent Locomotive and Boiler	½" to 1' sections of 0-4-4-0 engine Copy of Smith & Hill Dg undated			20	-	Litho	27	2
15384	GER-Spring Relief Valve for Steam Heating	Full size elevation and section of valve Endorsed: steam heating of continental train Copy of WS Laycock Dg No 11406 dated 11.3.04	11.3.04	1904	20	-	BP	10	2
15386	GNR-Arrangement of Valve Gear for 6' 6" Engines No 1331-Marshall's Patent	6" to 1' arrangement of valve gear Endorsed: see photo tracing Dg No 12885 Copy of GNR Dg No 90K My comment: too fragile to examine	21.2.02	1902	20	-	BP	10	4
15387	Smith's Patent Auto Steam Air Valve	Full size elevations and sections of valve Copy of Spencer & Moulton drawing	-	1898	20	M4	Litho	10	2
15388	Drummond's Patent Fuel Economiser & Spark Preventer for Engines GER	3" to 1' sectional elevations and plan of equipment Copy of Glasgow Engineering Co Dg No 36 dated 7.3.02	7.3.02	1902	20	-	PB-C	30	2
15389	Drummond's Patent Fuel Economiser & Spark Preventer for GER Engines	3" to 1' sections, elevation and plan of equipment Copy of Glasgow Railway Engineering Co Dg 131 dated 31.12.01 Endorsed: as fitted to GER engine T19 Class see Dg No 12779 My comment: used on class T19	31.12.01	1901	20	-	PB-C	30	2
15390	Spark Arrester-Details of Stones Patent	Full size details Copy of J. Stone & Co Dg No 8630 Endorsed: as fitted to No 1017	26.8.02	1902	20	-	P-C	32	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15390	Method of Finishing & Fastening of Wire Cones-J. Stone & Co.'s Patent Spark Arrester	Full size section of cone with explanation and supplementary tracing showing amended top cone for arrester	8.10.03	1903	20	-	BP	33	2
-1		Copy of J. Stone & Co drawing					TI		2
15391	Patent Spark Arrester-Arrangement	3" to 1' arrangement of arrester Copy of J. Stone & Co drawing Endorsed: Fitted to No 1012 and afterwards taken off as not being suitable My comment: too fragile to examine	26.8.02	1902	20	-	P-C	33	4
15392	Arrangement of Brick Arch for Locomotives having Mud Ring of this Type	Diagram showing the method of burning liquid fuel as fitted a locomotive with detailed notes Copy WN Best International Calorific Co, Los Angeles	14.5.05	1905	20	M4	PT	10	1
15393	Method of Burning L.F. on 50 ton Locomotive - W.N. Bests' International Calorific Co., Los Angeles	Diagram of arrangement of liquid fuel apparatus Copy of Best Plate No 48	14.6.05	1905	20	-	PT	12	1
15394	Arrangement of Brick Arch for Locomotives having Mud Ring of this Type	Diagram showing the method of burning liquid fuel as fitted on a GH&H Rly Texas with detailed notes Copy WN Best International Calorific Co, Los Angeles	12.5.05	1905	20	-	PT	10	1
15395	Starting Gear for Engines working with Early Cut Off	Arrangement of cylinder and details of cock Copy of Martin's Patent Starting Gear for Loco Engines drawing	-	-	20	M4	BP	10	3
15396	LNWR-Arrangement of Regulator and Fittings for Six Coupled Goods Engine-	Full size arrangement of fittings Copy of LNWR drawing	23.1.88	1888	21	-	BP	1	3
15397	Highland Rly-Arrangement of Regulator (Double Beat)	Full size elevation and plan of regulator Copy of Highland Railway drawing My comment: too fragile to examine	11.9.74	1874	21	M3	TI-C	3	4
15398	GSWR-Regulator	Full size arrangement of regulator Copy of GSWR drawing	- .1.79	1879	21	M3	TI-C	3	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15399	LC&DR Engines-Sketch of Regulator Valve and Levers	Full size details My comment: too fragile to examine	16.2.75	1875	21	-	TI-C	6	4
15400	Highland Railway-Regulator Handle and Stuffing Box	Full size details Too fragile to open	11.9.76	1876	21	M3	P	4	4
15401	GSWR-Stuffing Box (Regulator)	Full size elevations and sections My comment: too fragile to examine	3.1.74	1874	21	M3	TI-C	5	3
15402	Engines-End View of Steam Reversing Gear Arrangement- Neilson's Patent	3" to 1' sketch of Neilson & Co gear Copy of Neilson drawing dated 24.10.77 My comment: too fragile to examine	24.10.77	1877	21	-	TI-C	6	4
15403	Steam Reversing Gear (Neilson's Patent)	3" to 1' elevations, plan and section of reversing gear	24.10.77	1877	21	M4	TI-C	3	4
15404	Arrangement of Stirling Steam Reversing Apparatus	3" to 1' elevations, section and plan of apparatus Copy of Sharp, Stewart Dg No 227/M My comment: too fragile to examine	14.6.80	1880	21	M4	PB-C	1	2
15405	Stirling's Patent-Details of Steam Reversing Apparatus	3" to 1' details of components Copy of Sharp, Stewart Dg No 228/M My comment: too fragile to examine	14.6.80	1880	21	M4	PB-C	1	2
15406	G&SWR-Water or Oil Cylinder for Steam Reversing Gear Stirling's Patent	Full size arrangement Copy of G&SWR drawing My comment: too fragile to examine	25.10.77	1877	21	M4	TI-C	15	3
15407	G&SWR-Arrangement of Steam Reversing Gear-Mirling's Patent	3" to 1' arrangement of gear My comment: too fragile to examine	25.10.77	1877	21	M4	TI-C	5	3
15408	GWR-Steam Cylinder for Steam Reversing Gear (Mirling's Patent)	Full size details My comment: too fragile to examine	25.10.77	1877	21	M4	TI-C	5	3
15409	G&SWR-Valve for Water Cylinder Steam Cock on Firebox & Oil Cock for Cylinders of	Full size details My comment: too fragile to examine	25.10.77	1877	21	M4	TI-C	6	4
15410	GWR-Safety Valve & Casing	6" to 1' elevations and section of casing Copy of GWR drawing My comment: too fragile to examine	No date		21	M3	TI-C	5	3
15411	NLR-Duplex Safety Valve	Full size elevations and section of valve My comment: too fragile to examine	5.11.73	1873	21	M3	TI-C	5	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15412	Copy of Duplex Safety Valve	Full size elevation and sections of valve Copied from LNWR drawing	16.3.75	1875	21	M3	PT-C	6	2
15413	J.C. Wilson's Improvements in Safety Valve Apparatus (Patented) Lock-Up (Klotz) Duplex Safety- Valve Recommended for Locomotive Engine Boilers Improvements in Safety Valve Apparatus- Particulars and Price List	3 ½" to 1' sections and elevations of safety vale with plan of seating with manufacturing instructions Endorsed: new design 11.1880 Sketch and covering letter 5.4.80 to Bromley from John C. Wilson	5.4.80	1880	21	M3	PT-C	5	1
15414	Ashton's Noiseless Blowback Safety Valve	Unscaled lithograph showing plan and elevation of valve	-	-	21	M3	Litho	6	2
15415	Sand Trap for Steam Sanding Apparatus- Gresham & Craven's Patent	Full size outline elevations, section and plan of apparatus Copy of Gresham & Craven Dg No 2661-90 My comment: too fragile to examine	18.9.90	1890	21	M3	P	2	3
15416	Sand Trap-Section for Gresham & Craven's Patent	Full size section of sand trap Copy of Gresham & Craven Dg No 2661-90 My comment: too fragile to examine	2.6.90	1890	21	M6	P	2	3
15417	Gresham & Craven's Patent Sanding Ejector	My comment: too fragile to examine Office stamp dated 26-2-1898	26.2.98	1898	21	-	P	6	4
15418	Gresham & Craven's Patent Steam Valve for Steam Sanding Apparatus (Single Section)	Full size section of valve Copy of Gresham & Craven Dg No 2123-87 My comment: too fragile to examine	27.9.90	1890	21	M6	P	6	3
15419	Gresham & Craven's Patent Valve for Steam Sanding Apparatus (Single Arrangement)	Full size elevations of valve Copy of Gresham & Craven Dg No 2123-87 My comment: too fragile to examine	19.9.90	1890	21	M6	P	6	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15420	Arrangement of Hot Air Pipe to Sand Trap (Air Inlet)-Gresham's Patent Steam Sanding	1½" to 1' arrangement Copy of Gresham & Craven Dg No 5055-01 My comment: too fragile to examine	20.3.01	1901	21	-	P	6	3
15421	Steam Valve (Section) for Double Steam Sanding Apparatus (Gresham & Craven's Patent)	6" to 1' section of valve Copy of Gresham & Craven Dg No 3640-94 My comment: too fragile to examine	19.1.98	1898	21	-	P-C	2	4
15422	Gresham & Craven Patent Double Sanding Apparatus	6" to 1' arrangement of apparatus Copy of G&C Dg No 3428-93 My comment: too fragile to examine	23.2.98	1898	21	-	P	15	3
15423	Steam Sanding Apparatus for Locomotives	6" to 1' arrangement of apparatus Copy of G&C Dg No 2419-89 My comment: too fragile to examine	23.5.89	1889	21	-	P	15	3
15424	Single Air Sanding Apparatus	6" to 1' arrangement of apparatus Copy of G&C Dg No 5219-01 19.6.03 My comment: too fragile to examine	19.6.03	1903	21	-	P	15	3
15425	Steam Sanding Apparatus, Single Patent-Arrangement & Details	¾" to 1' arrangement of apparatus Copy of G&C Dg No 3588-94 20.1.98 My comment: too fragile to examine	20.1.98	1898	21	-	P	15	3
15426	GER-Steam Sanding Gear-Section of Angle (20°)	Full size elevation and section of angled joint	-	-	21	-	TI-C	6	2
15427	GWR-Express Engines-Arrangement of Chimney	6" to 1' elevations and section of chimney My comment: too fragile to examine	15.4.98	1898	21	M5	PB	5	3
15428	GWR-Smoke Box Engine No.3076	1½" to 1' elevations and sections and full size details of smokebox with 266 tubes Copy of GWR Dg No 16951 dated 10.00	23.11.00	1900	21	-	PL	5	2
15429	GWR-Arrangement and Details of Smokebox	1½" to 1' arrangement of smokebox and 6" to 1' details Copy of GWR drawing My comment: too fragile to examine	19.11.86	1886	21	M5	TI-C	2	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15430	Engine Chimneys	Unscaled and undimensioned elevations of 20 different chimneys from English, Scottish and Irish Railways Copy of GNR drawing dated 8.7.97	8.7.97	1897	21	M5	P	5	2
15431	Queensland Government Rlys-Arrangement of Extended Smokebox-4 Coupled Bogie Passenger Engines with 4 Wheeled Leading	3" to 1' arrangement of smokebox and cylinders with outline of bogie Copy of QGR Dg No 51	29.2.92	1892	21	M5	BP	5	3
15432	GER-General Arrangement of a Variable Blast Pipe - Russian Compound Engine by Mr. Glebkoshansky	Full size arrangement of blast pipe Copy of Glebkoshansky drawing My comment: too fragile to examine	16.9.04	1904	21	-	TI-C	14	4
15433	Belfast & Northern Counties Rlys-Arrangement of Spark Arrester	1" to 1' sectional elevation of boiler showing deflecting plate and brick arch	18.8.00	1900	21	-	Litho	15	2
15434	Wirral Rly-Arrangement of Spark Arrester	1" to 1' sectional elevations and plan of arrester Copy of WR drawing 4.9.00	4.9.00	1900	21	-	Litho	15	2
15435	NER-Diagram showing Standard Spark Arrester	3/8" to 1' sectional elevations of arrester Copy of NER drawing	- .9.00	1900	21	-	Litho	15	2
15436	GNR-Smokeboxes	Sketches of 8 typical smokeboxes Copy of GNR drawing dated 24.8.00	24.8.00	1900	21	-	CP	15	2
15437	Hull & Barnsley Rly-Arrangement of Spark Arrester for No 85 Class	3/8" to 1' sectional elevation of arrester	- .7.00	1900	21	-	P	15	2
15438	Cambrian Railways-Spark Arrester	½" to 1' sectional elevation of arrester Copy of CR drawing	- .9.00	1900	21	-	BP	15	1
15439	NBR-Arrangement of Spark Arrester for Shunting Engines Cylinders 14" x 20"	1" to 1' sectional elevation of smokebox and arrester Copy of NBR drawing	19.9.00	1900	21	-	BP	15	1
15440	SE&CR-Arrangement of Spark Arrester	3/8" to 1' sectional elevation of arrester Copy of SE&CR drawing	-		21	-	BP	15	1
15441	Highland Rly-Arrangement of Spark Arrester	1" to 1' sections and elevations of smokebox Copy of Highland Railway drawing	20.11.04	1904	21	-	BP	2	1
15442	Caledonian Rly-Arrangement of Spark	1" to 1' sectional elevation of arrester	21.11.00	1900	21	-	BP	15	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15442	Arrester	Copy of CR drawing	21.11.00	1900	21	-	BP	15	1
15443	GWR-Smokebox of Engine No.3076	1½" to 1'reduced print sections of smokebox arrangement Copy of GWR Dg No 16951	- .10.00	1900	21	-	P	1	1
15444	Arrangement of Smoke Box-Mogul-Belgian State Railways	3" to 1' elevations and sections of smokebox Copy of Belgian State Railways Dg No 3702 My comment: too fragile to examine	26.4.81	1881	21	-	PB	1	1
15445	Joy's Patent Forced Hot Draught for Fireboxes for Locomotives	3" to 1' elevations and sections of apparatus Copy of Joy's drawing My comment: too fragile to examine	10.10.99	1899	21	-	TI-C	1	2
15446	Ejector for Chimney Blast and Hot Forced Draft for Fireboxes of Locomotives-David Joy	3" to 1' sectional elevations of smokebox	- .6.99	1899	21	M5	TI-C	5	2
15447	Forced Draft for Locomotives-Joy's	3" to 1' arrangement of steam pipe only Copy of Joy's drawing My comment: too fragile to examine	19.7.99	1899	21	M5	TI-C	2	3
15448	Engines-Smiths Arrangement of Blast	1½" to 1'details My comment: too fragile to examine	-	-	21	M4	TI-C	5	3
15449	MR-Timmis' Springs for Locomotives	3" to 1' elevations of 7 springs Copy of Timmis Dg No T2366 from Midland Railway	4.11.98	1898	21	M2	BP	1	2
15450	Spring Links for Pony Truck-Belgian "Mogul" 1881	3" to 1' elevation of links My comment: original Stratford Dg No 3724; too fragile to examine	26.3.81	1881	21	-	PB	1	2
15451	Belgian State Railways "Mogul" Engines-Adjustable Spring Gear for Front End of Driving and Hind End of Trailing	Full size details of gear Copy of Neilson drawing dated 26.3.81 My comment: too fragile to examine	26.3.81	1881	21	-	PB	6	3
15452	Eastern Rly of France-Spring Arrangement (Transverse Section) for Engines Nos. 801 to 812	Full size arrangement Copy of ER of FR drawing My comment: too fragile to examine	2.7.90	1890	21	-	PB	6	3
15453	Eastern Rly of France-Spring Arrangement	Full size elevations and sections of components	2.7.90	1890	21	M2	BP	6	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15453	for Engines Nos. 801 to 812	Copy of ER of FR drawing My comment: too fragile to examine	2.7.90	1890	21	M2	PB	0	3
15454	Eastern Railway of France-Spring Gear for Engines Nos 801 to 812	Full size arrangement of gear My comment: too fragile to examine	2.7.90	1890	21	-	TI-C	5	3
15455	Locomotive Superheater	3" to 1' arrangement of locomotive superheater Copy of Hohenzollern Engineering Co. , Düsseldorf drawing My comment: too fragile to examine	17.8.03	1903	21	-	BP	2	3
15456	GWR Tenders-Apparatus for Picking up Water-Arrangement & Details of Scoop	1½" to 1' arrangement of water scoop Copy of GWR drawing My comment: too fragile to examine	- .3.96	1896	22	-	P	2	4
15457	GWR-Tenders Apparatus for Picking Up Water-Tie and Connecting Rod	6" to 1' details of components Copy of GWR drawing	11.3.96	1896	22	-	BP	14	3
15458	GWR-Apparatus for Picking Up Water-Bell Crank Shaft	6" to 1' elevations of shaft Copy of GWR drawing	27.3.96	1896	22	-	P-C	2	3
15459	GWR-Details of Scoop for Water Pick up	Full size details of components Copy of GWR drawing dated 2.96 My comment: too fragile to examine	- .2.96	1896	22	-	P	14	3
15460	GWR-Permanent Way-Apparatus for Picking up Water-Details of Water Trough	Full size sections of trough My comment: too fragile to examine	25.2.96	1896	22	-		30	
15461	L&YR-In & Out Cock for Automatic Apparatus for Picking Up Water	Full size elevations and section of cock and apparatus Copy of L&YR drawing	14.4.96	1896	22	M6	P	14	3
15462	L&YR Tenders-Apparatus for Picking Up Water-Details of Scoops for Tenders fitted with W.H.B.	3" to 1' details of components	14.4.96	1896	22	-	P	14	3
15463	L&YR Tenders-Apparatus for Picking Up Water - Scheme for pick up on tenders fitted with W.H.B.	1 ½" to 1' arrangement of scoop on tenders fitted with the Westinghouse brake Copy of L&YR drawing My comment: too fragile to examine	14.4.96	1896	22	-	TI-C	42	4
15464	L&YR-Vacuum Lifting Arrangement for Water Scoop for going Backward or Forward	1½" to 1' elevations of apparatus as fitted to radial tank engines Copy of L&YR Dg No 6252	14.6.96	1896	22	-	P-C	2	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15465	Dewrance Patent Water Gauge supplied to Mumford & Co and Plenty & Co for Admiralty traced off Dg No 3174	Full size elevations and sections of gauge Copy of J. Dewrance & Co Dg No 3193	16.1.88	1888	22	M6	BP	2	2
15466	Combined Automatic Water Gauge & Steam Branch-Metcalfe's Patent	Full size elevations and sections of components Copy of Metcalfe's Dg No 620	21.8.01	1901	22	-	BP	6	2
15467	Gresham & Craven-Patent Water Level Indicator	1½" to 1' elevation of typical tender showing indicator Copy of G&C Dg No 6115.05	14.11.05	1905	22	-	P	14	3
15468	GWR Engines-Sketch of Driving Wheel giving Particulars of Balancing	3" to 1' sketch of balancing arrangement Copy of GWR drawing My comment: too fragile to examine	25.5.86	1886	22	M4	TI-C	2	4
15469	GER-Four Coupled Tram Engines G15 Class-Sketch of Crank Pin without Collar as agreed	Full size elevations of crank pin My comment: too fragile to examine	28.5.91	1891	22	-	TI-C	2	3
15470	Great Northern & Caledonian Rly-Sketch Showing Sections of Cast Steel Wheels Cast by Osbourn & Co	¼" to 1' elevations of cast steel wheels, GNR 3'8" dia and Caledonian Rly 3'6" and full size sections through spokes Copy of Samuel Osborn & Co. Sheffield drawing	23.2.87	1887	22	M4	PT-C	2	2
15471	Kitson's Patent Cast Steel Wheel with Wood Liners Rim	Full size part elevation and section of wheel, patent No 15169 My comment: too fragile to examine	10.12.85	1885	22	M4	TI-C	15	3
15472	Loco, Carriage & Wagon Standard Tyre Sections in use by Various Railway Companies & Suggested Standard Tyre Sections	Tyres sections on separate sheets, proposed standard locomotive tyre section with thick flange and thin flange, standard carriage tyre, wagon tyre section and schedule of tyre sections used by most pre Grouping railways	30.4.03	1903	22	-	PB	2	2
15473	MR-Diagram of Dining Carriage	¼" to 1' interior plans of 1 st and 3 rd class 60ft dining cars Copy of Midland Railway drawing	9.3.95	1895	22	M7	PB-C	2	1
15474	MR 60' 0" First Class Dining Car	1" to 1' general arrangement of dining car	4.10.99	1899	22	M7	PB-C	2	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15474	MIR-00'-0" First Class Dining Car	Copy of Midland Railway drawing My comment: too fragile to examine	4.10.99	1899	22	M7	PB-C	2	3
15475	GNR-Composite 1 st Class Dining Carriage	¾" to 1' general arrangement of 62'0" 12 wheel carriage Copy of GNR Dg No 123E dated 5.6.99	5.6.99	1899	22	-	P-C	23	2
15476	GNR-3 rd Class Dining Carriage	¾" to 1' elevations, sections and interior plan of 64'6" 12 wheel carriage Copy of GNR Dg No 124E dated 5.6.99	5.6.99	1899	22	M7	P-C	30	3
15477	LNWR-Diagram of 65' 6" Composite Dining Saloon	¼" to 1' elevation and interior plan of 65' 6" carriage Copy of LNWR Dg No 6883 24.3.03	24.3.03	1903	22	-	P	14	3
15478	LNWR-Description of 65'-6" Composite Dining Saloon	Written description Copy of LNWR Dg No 6883A 13.4.03	13.4.03	1903	-	-	P	14	1
15479	LNWR-Diagram of 50'-0" Corridor Composite of Dining Set	¼" to 1' elevation and interior plan of carriage to run with dining set Copy of LNWR Dg No 6889 21.4.03	21.4.03	1903	22	-	P	14	2
15480	LNWR and WCJS-Description of 50'-0" Composite to run with Dining Set	Written description of 32 seat carriage, 8'6" its construction and interior finishes Copy of LNWR Dg No 6886A	25.3.03	1903	22	-	P	2	3
15481	LNWR-Description of 50'-0" Corridor Third Class to run with Dining Set	Written description of 39 seat carriage, its construction and finishes Copy of LNWR drawing	21.4.03	1903	22	-	P	1	2
15482	LNWR-Diagram of 50'-0" Corridor Third Class to run with Dining Set	¼" to 1' elevation and interior plan of carriage to run with dining set Copy of LNWR Dg No 6829 21.4.03	21.4.03	1903	22	-	P	14	2
15483	GCR-Diagram showing GCR Dining Cars Nos. 950, 999, 1000 with GCR & GER Loading Gauges	1½" to 1' profile of carriages and dimensions Copy of GCR Dg No 2572 24.6.05	24.6.05	1905	22	-	P	15	3
15484	NER-Luggage Van with 3 Third Compartments	1" to 1' general arrangement of 32' carriage Copy of NER Dg No 95A	-	1903	22	M7	BP	14	3
15485	GNR-Diagram No. 127 shewing Plan of New Metropolitan train formation (11 coaches) -	1/16" to 1' diagram of 11 coach train Copy of GNR Dg No 127 2.12.02	19.2.04	1904	22	-	BP	14	3
	Great Indian Peninsula-Outside Elevation of	¾" to 1' elevation of carriage							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15486	Great Indian Peninsula-Outside Elevation of 62Ft Bogie Composite Carriage	Copy of GIPR drawing My comment: too fragile to examine	8.6.04	1904	22	-	BP	2	2
15487	LB&SCR-Arrangement of 48 ft 3 rd Class Carriage for Metropolitan Stock	Copy of LB&SCR Dg No 4649	14.12.04	1904	22	-	BP	14	3
15488	SE&CR-Plan of Boat Train for Folkestone Service	1/8" to 1' interior plans of 9 coach train Copy of SE&CR Dg No 2360 8.8.05	8.8.05	1905	22	-	P	14	2
15489	SE&CR-Diagrams of Bogie Carriages Arranged for Close Coupling	¼" to 1' interior plans of train Copy of SE&CR drawing My comment: too fragile to examine	21.2.06	1906	22	-	P	14	3
15492	GNR-Main Line Composite Carriage Brake and GNR Wide Suburban 3 rd Class Carriage Brake	½" to 1' outline plan of interiors 63' 3½" and 28' 0½" length with widths indicated Copy of GNR drawing dated 6.8.01	6.8.01	1901	22	-	TI-C	14	3
15493	L&YR-Brake Third Carriage-Diagram Showing Maximum Dimensions over Projections	½" to 1' outline elevation and plan of bogie carriage Copy of L&YR drawing	7.8.01	1901	22	-	TI-C	2	2
15494	LB&SCR-Diagram of Brake Carriage	½" to 1' plan and elevation showing maximum dimensions over projections Copy of LB&SCR Dg No 3812 My comment: too fragile to examine	6.8.01	1901	22	-	P	2	2
15495	GSWR-Brake Third-End View Diagram showing Maximum Dimensions over Projections	1½" to 1' outline elevations and plan of framing Copy of G&SWR drawing My comment: too fragile to examine	7.8.01	1901	22	-	TI-C	2	2
15496	GNSR-Diagram showing Projections as Fitted to Passenger Brake Vans	½" to 1' outline elevation and interior plan of 26'6" van Copy of GNSR drawing	10.8.01	1901	22	-	BP	2	1
15497	NBR-Four Wheeled Passenger Brake Van	½" to 1' outline end elevation and plan of 23'3" brake van Copy of NBR Dg No 393G	6.8.01	1901	22	-	BP	2	2
15498	NBR-Diagram of Brake Carriage	½" to 1' outline elevation and interior plan of 30'0" van Copy of NBR Dg No 392C	6.8.01	1901	22	-	BP	2	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15499	LTSR-Diagram of Main Line and Suburban Third Class Carriage Brakes	½" to 1' outline end elevation and plan of 24'8" van Copy of LTSR Dg No 1064	13.8.01	1901	22	-	BP	2	1
15500	SE&CR-Diagrams of Brake Carriages shewing Maximum Widths	½" to 1' sections of 5 carriages Copy of SECR Dg No 1622 15.8.01	14.8.01	1901	22	-	BP	14	1
15501	L&NWR-Profile of Covered Carriage Truck	½" to 1' profile with dimensions Copy of LNWR Dg No 6011 6.8.01	6.8.01	1901	23	-	PT	14	2
15502	LNWR-Foreign Vehicles under Foreign Gauges-End View showing LNWR 8'-0" & 9'-0" Stock under Loading Gauge	3" to 1' profile of LNWR carriages Endorsed: with special reference to stepboards Copy of LNWR Dg No 6870 My comment: too fragile to examine	4.3.03	1903	23	-	P-C	1	2
15503	LNWR-Foreign Vehicles under GER Gauge-Diagram of end view of 9'-0" Carriage-	1" to 1' profile of LNWR carriage Copy of LNWR Dg No 6958	10.6.03	1903	23	-	TI	1	1
15504	GCR-Diagrams of Brake Carriages	1" to 1' elevations and plans of bogie corridor carriage and 6 wheel brake third Copy of GCR drawing	8.8.01	1901	23	-	PT	1	1
15505	GCR-Diagram shewing GCR carriages other than Dining & Kitchen cars with GCR gauge & GER gauge	1½" to 1' diagram of gauges Copy of GCR drawing My comment: too fragile to examine	24.6.05	1905	23	-	P	1	1
15506	Diagram shewing GCR Carriage Stock and GER Loading Gauge	1½" to 1' diagram of gauges Copy of GCR drawing My comment: too fragile to examine	24.6.05	1905	23	-	P	1	1
15507	CLR-Normal position of Central London Rly Car and Locomotive in Tunnels	1½" to 1' sectional elevation of tunnel and car Copy of CLR Dg No 328	14.3.02	1902	23	-	P	1	1
15508	GER-Loading Gauges for Widths and Heights of Trains	Three gauges; for Woolwich and other Branches, Millwall Jn; main lines and branches; East India Docks to Blackwall with a sketch location map Copy of Engineer's Dg No 13732 received 8.6.82 ½" to 1' composite profile showing outline of present carriage stock	8.6.82		23		Litho	10	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Diagram of Loading and Construction Gauges on the Blackwall, Suburban and Main Lines	Attached memo	7.6.82				TI-C		3
15509	Midland Railway Carriage & GER Loading Gauge - GER Carriage Stock	Diagrams of new type of new Midland Railway carriage with GER maximum gauge and 1" to 1' GER coaching rolling stock with profiles of carriages	1.2.98	1898	23	-	PT-C	1	1
15510	GER-Schemes for Altering 1 st Class Carriages fitted with Cleminson's Flexible Wheelbase	½" to 1' outline of frames: Scheme 1 for 6 wheel rigid wheelbase, Scheme 2 for 7' wheelbase bogies at 22'4" centres	22.1.01	1901	23	-	TI-C	14	3
15511	GER-Proposed Alteration to Wheelbase of Lavatory Bogie Composites	3/8" to 1' diagram showing existing 32' 3" wheelbase enlarged to 33' 3"	7.2.01	1901	23	-	TI-C	14	2
15512	GER-Loading and Construction Gauge for Woolwich and other Branches and Main Lines and Branches	½" to 1' profiles with dimensions Endorsed: carriage doors fouling gauge Copy of Engineer's Dg No 17688 My comment: unnumbered but accompanying Dg No 15512	21.11.87	1887	23	-	Litho	14	3
15512	9 ft. Suburban Carriage with Loading & Construction Gauges	1" to 1' profile of 9' wide carriage with birdcage roof and round topped windows (1 of 4 drawings)	25.8.97	1897	23	-	TI-C	14	2
15512	Diagram Showing Doors of Present Proposed Carriage when Open	Dimensioned sketch redrawn 25.8.97 and memo dated 17.9.92 Endorsed: 25.8.97 This tracing was copied from paper tracing sent to Sir W. Birt with letter from Mr Holden dated 17.9.92 My comment: see separate note	17.9.92	1892	23	M33	PT	14	2
15513	GNR-First Class Carriage with Lavatory-General Arrangement	1" to 1' general arrangement of carriage Copy of GNR drawing My comment: too fragile to examine	25.11.79	1879	23	M7	PB	2	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15514	LNWR-Lavatory Composite Carriage (Irish Mail Service)	¾" to 1' general arrangement of 42' carriage and interior view Copy of LNWR Dg No 2503 5.7.94	5.7.94	1894	23	-	BP	14	2
15516	NER-General Arrangement of Lavatory Composite Bogie Carriage	1" to 1' general arrangement of 45' carriage Copy of NER drawing dated 1899 My comment: too fragile to examine	1.1.00	1900	23	-	BP	15	3
15517	GER-Proposed Tri-composite Carriage	½" to 1' interior plan of 34'6" carriage arranged 2 nd /Lavx2/1 st /Lug/3 rd /3 rd	27.10.91	1891	23	-	TI-C	14	2
15518	GER-Proposed Large Lights on Corridor Side of 3 rd Class Compartments on Lavatory Bogie Composite -F58 & Future Classes	¾" to 1' part side elevation showing two large lights	2.5.04	1904	23	-	TI-C	14	2
15519	Kitson's Steam Tram Car	1" to 1' elevations of double decked bogie car Copy of Kitson drawing	-	-	23	M7	BP	14	2
15520	L&SWR-Diagram of Steam Carriage	¾" to 1' elevation and plan of bogie carriage Copy of L&SWR drawing	16.5.03	1903	23	-	PB	14	3
15521	General Arrangement of Petrol Automotor Railway Car-built by The Wolsley Tool & Motor Co. Ltd	1" to 1' elevations and plan of 4 wheeled railcar for 3'6" gauge Copy of Wolsley Tool & Motor Co Dg No 3203 28.11.02	13.1.03	1903	23	-	BP	14	2
15522	The Wolsley 80HP Motor 8½" x 10"	1½" to 1' elevations and plan of motor Copy of Wolsley Tool & Motor Co Dg No 3199 21.11.02	13.1.03	1903	23	-	BP	14	2
15523	G&SWR-Arrangement of Bogie of Steam Carriage	1½" to 1' arrangement of 8' wheelbase bogie Copy of GSWR Dg No 1/3698 13.11.05	15.11.05	1905	23	-	BP	13	2
15524	Proposed Arrangement of Steam Motor Carriage and Cochran Patent Boiler	½" to 1' side elevations of carriage Copy of Cochran & Co, Annan Dg No E2063 23.1.05	23.1.05	1905	23	-	BP	13	1
15525	Cochran Patent-Boiler for Proposed Steam Motor Carriage	1½" to 1' sectional side elevation of boiler Copy of Cochran & Co, Annan Dg No E2064 23.1.05	23.1.05	1905	23	-	BP	13	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15526	Caledonian Rly-WC Accommodation in Brake Vans -Section through Brake Vans	1" to 1' section through brake van body Copy of CR drawing	24.11.03	1903	23	-	BP	13	1
15528	G&SWR-Arrangement of Post Office Van	1" to 1' elevations, sections and plan of 6 wheel van 31' long with pick up Copy of GSWR Dg No 1877 9.91	15.12.02	1902	23	-	BP	13	2
15529	GNR-Sections & Plan of Post Office Van	1" to 1' elevations, sections and plan of van Copy of GNR drawing My comment: too fragile to examine	15.12.02	1902	23	-	BP	15	3
15530	GNR Open Meat Truck with End Doors Shewing Vacuum pipe fitted with Hinged Joint to Drop below Floor Level	1" to 1' end elevation of truck and 6" to 1' section through pipe Copy of GNR Dg No 183 9.4.04	9.4.04	1904	-	-	P-C	14	2
15531	GNR-45' 0" Bogie Milk Van to carry 88 Churns	½" to 1' outline elevations and plan of bogie van with central brake compartment and two compartment accommodating 44 churns each Copy of GNR Dg No 131 21.5.03	15.4.05	1905	23	-	BP	14	2
15532	GNR (I)-50ft Post Office Van-Details of Protection Bar for Sliding Doors	Full size details of components Copy of GNR (I) Dg No 74D part	24.12.02	1902	23	-	BP	14	2
15533	GNR(I)-50ft Post Office Van	¾" to 1' side and sectional elevations and plan of carriage Copy of GNR (I) Dg No 70, 71A parts	24.12.02	1902	23	-	BP	14	2
15534	GNR(I)-50ft Post Office Van-Details of Ironwork for Net & Delivery Apparatus	3" to 1' details of components Copy of GNR(I) Dg No 40D part	24.12.02	1902	23	-	BP	14	2
15535	GNR(I) - 50ft Post Office Van-Net Apparatus	1½" to 1' arrangement of apparatus	24.12.02	1902	23	-	BP	14	2
15536	GNR(I)- 50ft Post Office Van-Net Apparatus	1½" to 1' interior elevation of apparatus in van Copy of GNR(I) Dg No 38B part	24.12.02	1902	23	-	BP	14	2
15537	Glasgow & South Western Rly-Arrangement of 45 ft. Post Office Van	1" to 1' elevations and plan of 45' van Copy of G&SWR Dg No 5799 12.12.02	18.12.02	1902	23	-	BP	15	2
15538	GWR-Covered Carriage Truck	1½" to 1' general arrangement of 15'6" truck Copy of GWR Dg No 7282 7.6.88	7.6.88	1888	23	M7	BP	15	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15539	GWR-Milk Van	3" to 1' elevations, sections and plan of 27'6" van Copy of GWR Dg No 12704 2.96	- .2.96	1896	23	-	BP	14	1
15540	GWR-General Arrangement of Milk Van	1" to 1' elevations, sections and plan of 27'6" van Copy of GWR Dg No 12704 26.3.96	- .3.96	1896	23	-	BP	14	1
15541	GWR-Narrow Gauge Mail Van	1" to 1' general arrangement of clerestory van 46'6¼" long Copy of GWR drawing	- .8.91	1891	23	-	BP	13	2
15542	GWR-8'-6" Horse Box-Sections	1½" to 1' elevations and sectional plans of 17' horse box body Copy of GWR Dg No 17706 20.4.02	30.4.02	1902	23	-	BP	3	2
15543	GWR-Arrangement 8'-6" Horse Box	1½" to 1' sectional elevations and plan of 17' horse box body Copy of GWR Dg No 17706	- .2.01	1901	23	-	BP	3	2
15544	GWR-Post Office Net Apparatus	3" to 1' elevation and plan of apparatus Copy of GWR Dg No 10276 20.6.96	17.12.02	1902	23	-	BP	14	2
15545	GWR-Stuffing Box & Gland for Vacuum Brake Pipe connections on Carriage Trucks	Full size sections and elevations of connection Copy of GWR Dg No 24658 8.4.04	8.4.04	1904	23	-	BP	3	1
15546	Highland Rly-Plan & Elevation of Post Office Parcel Van R6	1" to 1' elevations, section and plan of 46' van My comment: vehicle for parcels only, no traducer shown Copy of Highland Railway Dg No 2485	18.12.02	1902	23	-	BP	3	1
15547	Highland Rly-Internal fittings for P.O. Parcel Van R6	1" to 1' sections and interior plans of 46' van My comment: vehicle for parcels only, no traducer shown Copy of Highland Railway Dg No 2491	18.12.02	1902	23	-	BP	3	1
15548	LB&SCR-Royal Mail Van	¾" to 1' elevations, sectional end elevations and plan of clerestory roofed mail van 48' over body Copy of LB&SCR Dg No 4253 dated 2.3.97	18.12.02		23	-	BP	4	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15549	LB&SCR-General Arrangement of Carriage Truck	1½" to 1' general arrangement of truck fitted with Westinghouse and Vacuum brake Copy of LB&SCR Dg No 3969 My comment: too fragile to examine	26.3.04	1904	23	-	BP	15	3
15550	LNWR-50' 0" Post Office	¾" to 1' general arrangement of bogie van Copy of LNWR Dg No 4498 11.8.99	1.4.01	1901	23	-	BP	14	1
15551	LNWR-50'0" Post Office	¾" to 1' elevations, longitudinal and cross sections of body Copy of LNWR Dg No 4499 dated 11.8.99	11.8.99	1899	24	-	BP	27	1
15552	LNWR-21'0" Horse Box & Underframe	¾" to 1" elevations, sections and plan of horse box and plan of underframe Copy of LNWR Dg No 6070 dated 7.9.02	7.4.02	1902	24	-	BP	25	1
15554	WCJS-Cross Section Through guards OG & Seat in Brake Vans shewing Enamelled Pan & Shoot for Guards Convenience	1½" to 1' elevation, section and plan of urinal and WC beneath guards seat Copy of LNWR Dg No 7157 dated 23.11.03 Endorsed: water for flushing the pan carried in a large can numbered for the van in which these convenience are fixed	23.11.03	1903	24	-	P-C	25	2
15557	L&SWR-Horsebox	1" to 1' general arrangement of 16'0" horsebox with sections Copy of LSWR Dg No 5749 dated 26.5.87	26.5.87	1887	24	M7	PB-C	23	3
15558	L&SWR-Cross Section of Mail Van for GPO	1" to 1' end elevation and cross sections of mail van Copy of LSWR Dg No 759 dated 10.12.02	10.12.02	1902	24	-	BP	23	1
15559	LNWR-48ft G.P.O. Parcel Sorting Van	½" to 1' elevations of both sides of bogie van, longitudinal and cross sections and interior plan Copy of LNWR Dg No 880 dated 10.12.02	10.12.02	1902	24	-	BP	25	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15560	L&SWR-Mail Van for GPO-Interior Views	1" to 1' longitudinal sections of 43'11" body Copy of LSWR Dg No 781 dated 10.12.02	10.12.02	1902	24	-	BP	27	1
15561	L&SWR-Side Elevation & Plan of Mail Van for GPO	1" to 1' side elevations and interior plan of 44'0" body Copy of LSWR Dg No 749 dated 10.12.02	10.12.02	1902	24	-	BP	30	1
15562	LSWR Luggage Crates-General Arrangement as used between Stokes Bay, Portsmouth Harbour and Ryde Pier	1 ½" to 1' general arrangement of crate Endorsed: as used on GER see Dg No 13717 Copy of LSWR drawing	- .1.04	1904	-	-	TI-C	2	3
15562	L&SWR-Luggage Crates as used between Stokes Bay Portsmouth & Ryde	1" to 1' elevations and plans of 3 wheeled trolley Copied from LSWR Dg Endorsed: see Loco Dg No 13695 for arrangement proposed for GER	9.12.03	1903	24	-	Pt	27	1
15564	L&SWR-Standard Arrangement of Vacuum and Westinghouse Brake on Open Carriage Trucks	1" to 1' elevations of arrangement on headstock Copy of LSWR drawing dated 31.3.04	31.3.04	1904	24	-	BP	25	2
15565	L&SWR-Hearse Carriage for Necropolis Train	1" to 1' elevations, sections and plan of body of 4 wheel 24'0" carriage Copy of LSWR Dg No 884 dated 14.7.04	14.7.04	1904	24	-	BP	25	1
15566	L&YR-Arrangement of Hinged Vacuum Pipe for Well Truck-Order V13	Full size elevation and section of pipe arrangement Copy of L&YR Dg No 3513 dated 31.3.04	5.4.04	1904	24	-	BP	27	2
15567	MR-Corpse Van Lot 199	1½" to 1' general arrangement of 16'7" 4 wheeled van with 2 equal sized compartments for coffins and brake details Copy of MR Dg No 733 dated 2.1.98	2.1.98	1898	24	-	BP	27	1
15568	Midland Rly-43 ft Post Office Sorting Van	1" to 1' elevation, section and plan of body Copy of MR Dg No 730 dated 17.12.02	17.12.02	1902	24	-	PB	27	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15569	Midland Rly-43 ft Sorting Post Office Van	1" to 1' longitudinal and cross sections of clerestory carriage Copy of MR Dg	17.12.02	1902	24	-	PB	27	2
15571	NBR-Arrangement of Net Apparatus & Doors for Post Office Sorting Tender	1" to 1' elevations, sections and plans of apparatus Copy of NER Dg No 331C dated 8.12.02	8.12.02	1902	24	-	BP	27	2
15572	NBR-Post Office Sorting Tender	1" to 1' general arrangement of 6 wheel 32'3" post office van and interior Copy of NBR Dg No 327C dated 8.12.02	8.12.02	1902	24	-	BP	25	3
15573	NER-52 ft Travelling Post Office	1" to 1' longitudinal sections of both sides of body and plan Copy of NER Dg No 4168 dated 21.1.03	21.1.03	1903	24	-	BP	27	2
15574	NER-52 ft Travelling Post Office	1" to 1' side elevations of both sides of body and sections Copy of NER Dg No 4167 dated 21.1.03	21.1.03	1903	24	-	BP	27	1
15575	NER-Arrangement of Hinged Joint in Vacuum Brake Pipe Standard on Carriage Trucks	3" to 1' elevations and plan of arrangement Copy of NER Dg No 5012	14.4.04	1904	24	-	BP	25	1
15576	SER-Continental Luggage Box	1½" to 1' elevations, section and plan of 7'0" wide by 6'9" box with small wheels for mounting on truck Copy of SER Dg No 890/P dated 12.11.92	12.11.92	1892	24	-	PT	25	1
15577	SER-Sections of 6 Wheeled Horse Box	1" to 1' sections of body Copy of SER Dg dated 31.1.98 My comment: too fragile to examine	31.1.98	1898	24	M7	P	27	3
15578	SER-Interior of New P.O. Van	¾" to 1' internal elevations and plan of 44'0" body Copy of SER Dg No 931B dated 12.12.02	12.12.02	1902	24	-	BP	25	2
15579	SER-Interior of New P.O. Van	¾" to 1' internal elevations and plan of 44'0" body Copy of SER Dg No 931A dated 12.12.02	12.12.02	1902	24	-	BP	25	1
15580	SER-End & Side Elevations of New Post Office Vans "A" & "B"	1" to 1' elevations of 44'0" body Copy of SER Dg No 931 dated 12.12.02	12.12.02	1902	24	-	BP	25	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15581	SE &CR-Baggage box for Dover & Calais service	1/10 scale elevation, section and plans of box 6'11 13/16" x 6'9 1/16" Copy of SE&CR Dg No 1672 dated 5.10.03	5.10.03	1903	24	-	BP	25	1
15582	Arrangement of End Pipes for Auto-vac Brake on Open Carriage Trucks-C Section	1½" to 1' arrangement of pipework and full size details Copy of SER Dg No 1408 undated	30.4.04	1904	24	-	BP	25	1
15583	GER-Plan of Proposed Postal Sorting Van for Ipswich Service	¾" to 1' interior plan of 6 wheel 34' sorting carriage Copy of Dg No 39CD My note: carriage designed with off set standard gangways at desk end or registered letter set end but endorsed 'gangway not to fitted until wanted'	- .6.02	1902	24	-	PT-C	25	2
15584	LBSCR-Royal Saloon (6 Wheeled Bogie)	My comment: too fragile to examine Copy of LBSCR Dg No 4247 dated 18.2.97	18.2.97	1897	24	-	TI-C	25	4
15585	Proposed Carriage for HRH The Duke of York	¾" to 1' elevation and interior plan of 34'6" body Endorsed: plan approved as modified	2.3.94	1894	24	-	PT-C	27	2
15586	GER-Diagram of Existing Royal Vehicles	¼" to 1' outline elevations and detailed interior plans of vehicles BV213; C541; C16; Sn31; Sn5; C542; BV207 My note: prepared in the Carriage Dept, hence allocated to BH series	6.3.01	1901	24	-	PT	25	1
15587	GWR-Royal Train	1" to 10' diagram showing elevations and interiors of 6 clerestory carriage train with engine Copy of GWR Dg No 16195 dated 8.3.01	8.3.01	1901	24	-	PB	25	1
15588	Scinde, Punjab & Delhi Rly-Ambulance carriages on James Cleminson's Patent System of Flexible Wheelbase and	¾" to 1' elevations and plan of four 6 wheeled carriages Cpy of James Cleminson's drawing undated	11.12	1912	24		Litho	25	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15588	System of Flexible wheelbase and Stroudley & Cleminson Body Suspension Gear	My note: gear is a series of coil spring suspension between body and frame with detailed explanation of how the gear works	- .11.12	1912	24	-	Litho	25	2
15589	LB&SCR-30'0" Inspection Carriage	1" to 1' general arrangement of 6 wheel saloon Copy of LBSCR Dg No 4430 dated 20.4.98	12.10.99	1899	24	M7	P-C	25	2
15590-1	GER-Riding Test of Officers Saloon before being fitted with Timmis Patent Bogie Lead	Test results in graph form My note: now illegible	- .3.02	1902	24	-	BP	25	4
15590-2	GER-Riding Test of Officers Saloon with Timmis Patent Bogie Lead	Test results presented in graph form My note: now illegible	- .7.02	1902	24	-	BP	25	4
15591	Plan of Underframe for Horsebox	1" to 1' plan of 16'4" underframe showing brake pipes of Oldbury horsebox Copy of Oldbury Cge Co drawing	-	-	25	-	BP	24	2
15592	Caledonian Rly-Proposed Underframe on J.W. Grover's System	1" to 1' elevations, section and plan of 32'0" 6 wheel underframe	-	c.1880	25	M9	PB	24	3
15593	MS&LR- Carriage Underframe-Flexible Wheelbase	1" to 1' elevations and plan of 35' underframe Copy of MSLR Dg No 1822 dated 11.5.82 My comment: probably Grover's patent	11.5.82	1882	25	M9	OIC	24	2
15594	GWR-Standard Underframe for NG Bogie Carriages	½" to 1' half elevations, section and plan of 45'11" steel frame with rigid 7'0" centres bogies Copy of GWR Dg No 4108 dated 28.8.85	28.8.85	1885	25	M9	OI-C	24	2
15595	GWR-Underframe for NG 31'0" Pass Brake Van	1½" to 1' elevations, section and half plan of 30'4 ½" steel underframe Copy of GWR Dg No 4206 dated 28.8.85	28.8.85	1885	25	M9	OI-C	24	2
15596	EIR-54'4" Carriage Underframe with Fox's Patent Bogies & Pressed Steel Frame Plates	1" to 1' half elevation and plan of underframe Copy of Taite & Carlton Dg No 408A dated 26.5.94	26.5.94	1894	25	M9	BP	23	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15597	SER-Carriage Underframe with Fox's Pressed Steel Frame Plates	1" to 1' elevation and plan of 34'6" 6 wheel underframe Copy of Taite & Carlton Dg No 338 dated 13.2.93	13.2.93	1893	25	M9	BP	23	1
15598	GWR-55'5' Underframe	¾" to 1' elevations and plan of bogie underframe 39'6" centres Copy of GWR Dg No 11648 dated 17.7.94	17.7.94	1894	25	-	BP	24	2
15599	LB&SCR-48ft Carriage Underframe for Metropolitan Stock	1½" to 1' elevations and plan of underframe and bogie Copy of LB&SCR Dg No 4646 dated 30.3.99	30.3.99	1899	25	-	BP	23	2
15600	SER-Elevation & Plan of Underframe of 6 Wheeled Horsebox	1" to 1' side elevation and plan of horsebox with central grooms compartment Copy of SER part drawing	31.1.98	1898	25	M7	P	23	2
15601	General Arrangement of Underframe for 45' 0" Lavatory Composite Bogie Carriage	1" to 1' elevation, section and plan of underframe Copy of NER Dg No 2359 dated 18.12.88	18.12.88	1888	25	-	BP	24	2
15602	GER-Suburban Carriage Underframe with Fox's Pressed Steel Frame Plates	1½" to 1' elevation, section and plan of 26'10" steel underframe with drop belly solebar Copy of Taite & Carlton Dg No 434 dated 19.5.94	19.5.94	1894	25	M9	BP	24	2
15603	GER-Suburban Carriage Underframe with Fox's Pressed Steel Frame Plates	1½" to 1' elevation, section and plan of 26'10" steel underframe with drop belly solebar Copy of Taite & Carlton Dg No 434A dated 19.5.94	19.5.94	1894	25	M9	BP	24	2
15604	GER-Suburban Carriage Underframe with Fox's Patent Pressed Steel Frame Plates	1½" to 1' elevation, section and plan of 26'10" steel underframe with drop belly solebar Copy of Taite & Carlton Dg No 434A dated 19.5.94	19.5.94	1894	-	M9	BP	24	2
15605	Caledonian Rly-Standard Carriage Wagon	3" to 1' elevation of axle	06.02	1902	25		BP	24	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15605	Axle	Copy of CR Dg No 6626 dated 8.2.01	9.6.02	1902	25	-	BP	24	1
15606	Caledonian Rly-Hopper for Guards Compartment Passenger Brake Vans Caledonian Rly-Push Valve	3" to 1' sections, elevations and plan of cast iron hopper and pan Copy of CR Dg No 8338 undated Full size elevation of valve	24.11.03	1903	25	-	BP	24	2
15607	Cambrian Rly-Carriage Axle	3" to 1' elevation of axle 9" x 3 7/8" journals Copy of Cambrian Rly drawing dated 4.6.02	6.6.02	1902	25	-	PT	23	1
15608	Furness Rly-Wheel & Axle for Carriage Stock	Full size part elevation and section of 3'7" diameter wood centred wheel Copy of FR Dg No 431 dated 27.7.98	7.6.02	1902	25	-	BP	24	2
15609	Glasgow & South Western Rly-Standard Carriage Axle	3" to 1' elevation of axle Copy of GSWR Dg No 3427 dated 5.6.02	9.6.02	1902	25	-	TI	24	2
15610	Great Central Rly-Axle for Carriages, Axles for Six Wheled Carriages	3" to 1' elevation of axles Copy of GCR drawing undated	6.6.02	1902	25	-	PT	24	2
15611	GNSR-Carriage Axle	3" to 1' elevation of axle Copy of GNSR Dg No 45-807 dated 6.7.95	6.6.02	1902	25	-	BP	24	2
15613	GNR-Standard Carriage Axle with 3½" Journals No 19 Carriage Axle with 4" Journals No 31	3" to 1' elevations of two axles for use on wagons Copy of GNR drawing dated 7.7.02	7.7.02	1902	25	-	P	25	2
15614	Great Southern & Western of Ireland- Carriage Axles	3" to 1' elevations of three axles for 30'0" carriage; 45'0" carriage and new for 30'0" carriages and for 50'0" stock Copy of GS&WR Dg No 6610 dated 6.6.02	9.6.02	1902	25	-	TI	25	2
15616	GWR-High Pressure Gas Reservoir	3" to 1' elevation and section of reservoir for carriages Copy of GWR drawing dated 19.8.90	19.8.90	1890	25	-	BP	24	1
15617	GWR-Axle No 621	2" to 1' elevation of axle Copy of GWR drawing dated 6.6.02	6.6.02	1902	25	-	BP		1
15618	Highland Railway-Axle for Bogie Carriages	3" to 1' elevation of axle Copy of HR Dg No 277 dated 24.6.98	9.6.02	1902	25	-	BP	25	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15619	LB&SCR-Standard Carriage Axle	1½" to 1' elevation of carriage axle with 4" x 8" journals Copy of LB&SCR Dg No SP60 No 120 dated 10.602	10.6.02	1902	25	-	P-C	27	2
15620	L& YR-Axlebox for Tramcar Trolley	Full size elevation, sections and plan of axlebox Copy of L&Y Dg No 4508 dated 10.2.02	28.2.02	1902	25	-	BP	23	1
15621	L&YR-Standard Carriage Axle	3" to 1' elevation of axle Copy of L&Y Dg No 8475 dated 4.6.02	4.6.02	1902	25	-	TI	23	2
15622	L&NWR-Oil Axlebox for Carriages, 9" x 4" Journals	Full size section and plan of axlebox Copy of LNWR Dg No 259 dated 10.2.02	28.2.02	1902	25	-	BP	23	1
15623	LNWR-Bogie Carriage Axles Standard Dia. Of Centre 4¾" Journals 4" x 9"	Full size details of axle Copy of LNWR drawing dated 7.6.02 My comment: too fragile to examine	7.6.02	1902	19	-	TI-C	9	3
15623	LNWR-Particulars of Carriage Axle as used on Royal Vehicle	Full size half elevation of 9" x 4" standard axle Copy of LNWR Dg No 6365 dated 7.6.02	7.6.02	1902	25	-	BP	23	2
15624	L&NWR-General Arrangement of Passenger Train Communication Apparatus	1" to 1' arrangement of apparatus Copy of LNWR Dg No 4617 dated 18.11.99 My comment: too fragile to examine	18.11.99	1899	25	-	P	25	4
15625	L&SWR-Swivel Joint for Vacuum Brake Pipes	Full size details of joint Copy of LSWR Dg No 117 dated 28.3.04	28.3.04	1904	25	-	BP	25	2
15626	L&SWR-Carriage Axle	3" to 1' elevation of axle and written specification Copy of LSWR Dg No 568 dated 4.6.02	6.6.02	1902	25	-	P-C	25	3
15627	LT&SR-Arrangement of Communication Cord	1½" to 1' arrangement of cord and ¼" to 1' elevation of engine and two carriages showing route of cord Copy of LTSR drawing	21.7.97	1897	25	-	BP	25	1
15628	LT&SR-Standard Carriage Axle Diameter at Centre 4¾", Journals 3¾" x 8"	Full size elevations, sections and plans of axlebox	5.6.02	1902	25	-	BP	25	3
15629	Metropolitan Ry-Standard Carriage Axle	3" to 1' elevation of whole axle and full size details of journal	5.6.02	1902	25	-	BP-C	27	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15630	Metropolitan Rly-Standard Carriage Axle	Copy of Met Rly Dg No 2908/3196 dated 5.6.02	5.6.02	1902	25	-	PT-C	27	1
15631	District Rly-Carriage Axle Classes C,D,E,F &G	Full size elevation of axle Copy of DR Dg No Pt1313 dated 30.12.01	5.6.02	1902	25	-	PT	25	1
15632	Midland Great Western Ireland-Standard Carriage Axle	3" to 1' elevation of axle Copy of MGWR Dg No 287 dated 7.6.02	11.6.02	1902	25	-	P-C	25	2
15633	NBR-Axles for Bogie Carriages	3" to 1' elevation of axle with description of test criteria Copy of NBR Dg No 308 dated 6.02	11.6.02	1902	25	-	P-C	25	2
15634	NER-Carriage Axles	3" to 1' elevations of axles for heavy bogie stock and light bogie stock and 6 wheeled stock Copy of NER Dg No 3925 dated 7.6.02	12.6.02	1902	25	-	P	24	1
15636	NER-Proposed Elliptical Roofs for Standard Carriage Stock	1½" to 1' profiles for 8'0" and 8'6" wide carriages with details of railways accepting stock including the GER Copy of NER Dg No 5964 dated 15.12.05	16.12.05	1905	25	-	BP	25	1
15637	NLR-Standard Carriage Wheel	3" to 1' elevation of wheel set and full size section of 3'8" diameter Mansell wheel Copy of NLR Dg No DK29 dated 5.11.96	6.6.02	1902	25	-	BP	25	1
15638	North Staffordshire Rly-Standard Carriage Axle	6" to 1' half elevation of axle Copy of NSR Dg No 2027 dated 4.6.02	8.6.02	1902	25	-	PT	24	1
15639	SE&CR- Standard Axle for New Carriage Stock	3" to 1' elevation of axle Copy of SECR Dg No Pt1688 dated 9.6.02	11.6.02	1902	25	-	BP	24	1
15640	Taff Vale Rly-Axle for 3'7" Carriage Wheel	Full size elevation of axle Copy of TVR Dg No 1719CD dated 4.6.02	6.6.02	1902	25	-	BP	24	1
15641	Midland Rly-Carriage Axle	6" to 1' elevation of axle Copy of MR Dg No 216 dated 5.6.02 My note: drawing in pieces	6.6.02	1902	25	-	PB	24	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15642	GWR-Brake Third Lots 1066 & 1083	¾" to 1' elevations and plan of carriage end showing vestibules and toilet Copy of GWR Dg No Pt 27187 dated 10.4.05	10.4.05	1905	25	-	PB	24	1
15643	GWR-Standard 2'9" Carriage Gangway Connection	3" to 1' elevation and plan of connection and full size details Copy of GWR Dg No 27264 dated 10.4.05	- .3.05	1905	25	-	PB	24	3
15644	GCR-Arrangement of Goulds Vestibule, Gangway, & Coupler End of Corridor Brake Carriages	1½" to 1' elevations and plan of carriage end Copy of GCR Dg No 1622 dated 19.4.05	19.4.05	1905	25	-	BP	24	2
15645	GCR-Collapsible Gangway with Arrangement to Couple with Gould or Pullman Vestibule	3" to 1' elevations and plan of gangway Copy of GCR Dg No 2598 dated 12.5.10	- .6.10	1910	25	-	BP	24	2
15646	Pullman Vestibule as Arranged for European Rolling Stock	1½" to 1' sectional plans and end elevation of wooden framed car Copy of GCR drawing dated 19.4.05	19.4.05	1905	26	-	BP	15	2
15647	Midland Rly-Details of Carriage Vestibule	3" to 1' elevations and plan with details of components Copy of MR Dg No 1698 dated 10.4.05	11.4.05	1905	26	-	PB	19	3
15648	MR- Arrangement of Carriage Gangway Corridor Carriage	3" to 1' elevations and plan of gangway Copy of MR drawing My comment: too fragile to examine	8.4.05	1905	26		PB	39	3
15649	GNR-Position of Westinghouse Brake, Vacuum Brake & Steam Heating Pipes on Vestibuled Stock	1½" to 1' elevations and plans of apparatus Copy of GNR drawing My comment: drawing badly faded	4.3.02	1902	26	-	BP	3	3
15651	L & YR-Third Class Bogie Saloon-Arrangement of Vestibule	¾" to 1' elevations and part plan of vestibule and door Copy of L&Y Dg No 3992 dated 31.5.05 order No C16	31.3.05	1905	26	-	BP	4	1
15652	L&YR-Arrangement of Vestibule Gangway for 1 st class Trailer Carriages	3" to 1' elevations and plans Copy of L&YR Dg No 264E 30.7.03	13.4.05	1905	26	-	BP	3	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15653	L&YR-Carriage Vestibule Gangway-Arrangement with Details	1½" to 1' arrangement of gangway and 3" to 1' details of components Copy of L&YR Dg No 5768	31.5.05	1905	26	-	BP	3	3
15654	L&NWR-Gangway Cover	3" to 1' elevation and section of cover for gangway ends Copy of LNWR Dg No 7043 11.8.03	11.8.03	1903	26	-	BP	4	1
15655	LNWR-Collapsible Gangway for 65'-6" Saloons	1" to 1' elevations and plan of gangway Copy of LNWR Dg No 7041 My comment: too fragile to examine	7.4.05	1905	26	-	BP	1	2
15656	L&NWR-Diagram of Collapsible Gangway	Full size details of components Copy of LNWR Dg No 7042 dated 11.8.03	7.4.05	1905	26	-	BP	21	2
15657	GER-Method of Testing Lights in a Third Class Coach for the GER Co	1" to 1' section through a carriage body showing ray of light bouncing off a horizontal board resting on seat backs Copy of William Sugg & Co drawing dated 15.5.82 My comment: not understood	15.5.82	1882	26	M8	PL-C	4	1
15658	GER-Bogie Suburban Brake 3 rd -Proposed Arrangement of Bell-crank etc.	3" to 1' elevation and plan of assembly	- .2.90	1890	26	-	TI-C	3	2
15659	GER-Bogie Suburban Brake 3 rd -Proposed Arrangement of Guard's Compartment	1" to 1' elevation and half plan of compartment	10.2.00	1900	26	-	TI-C	6	1
15660	GER-Diagram shewing Omission of Toe Pieces on Step Boards of Future Carriage Stock	3" to 1' sections showing existing and proposed toe pieces on 6 wheel stock My comment: step boards are about 5" higher	23.11.00	1900	26	-	TI-C	6	3
15661	GER-Proposed Arrangement of Tanks etc. in Lavatory Compartments	1½" to 1' elevations and section of tanks My comment: too fragile to examine	8.4.00	1900	26	-	TI-C	6	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15662	GER-Standard & Proposed New Screw Coupling	6" to 1' plan of standard screw coupling after 3 months use (showing elongation of 1½") and proposed new coupling after 12 months trial (1/4" elongation) Attached report and drawing from Mr Hammond 9.2.01; tracing showing details and memo to Hill 9.2.01	- .2.01	1901	26	-	PT	4	1
15663	GER-Proposed Improvement of Bell Crank, etc. on Future 4 & 6 Wheeled Hand Brake	3" to 1' elevations of arrangement My comment: too fragile to examine	16.4.01	1901	26	-	TI-C	4	4
15664	GER-Proposed Open Fronted Axle Box for Royal Saloon and Future Bogie Stock	Full size sections of axlebox for 9" x 4" journals for proposed royal saloon	- .5.01	1901	26	-	TI-C	3	2
15665	GER-Deck Roof Sections giving Particulars of Weight	Unscaled details My comment: too fragile to examine	16.11.03	1903	26	-	TI-C	6	3
15666	GER-Proposed Alteration to Axleboxes "H" & "B" for Low Floored Milk Vans	Full size plan of front section of box showing parts to be machined off to accommodate axleguard	- .9.04	1904	26	-	TI-C	4	2
15667	Attock's Patent Axle Box for Oil	6" to 1' elevations, sections and plans of axlebox Copy of Alfred Sacre tracing No 769	10.12.79	1879	26	M9	PT-C	3	2
15668	S James Beresford's & Sons Improved Combined Folding Lavatory & WC Fitted with Beresford's Patent Semi-automatic Flushing Apparatus	Full size section of apparatus Copy of James Beresford's & Sons drawing	4.4.01	1901	26	-	BP	4	1
15669	James Beresford's & Sons Improved Combined Folding Lavatory & WC Fitted with Beresford's Patent Semi-automatic Flushing Apparatus	Full size plan of apparatus Copy of James Beresford's & Sons drawing	4.4.01	1901	26	-	BP	4	1
15670	Elevations of Improved Combined Folding Lavatory & WC fitted with Beresford's	Full size elevations of apparatus My comment: too fragile to examine	4.4.01	1901	26	-	BP	1	2
15671	GER-Diagram of New Hook of Holland Train	¼" to 1' diagram showing interior layout of train and luggage boxes and position of steam heaters Gold's Patent	3.2.04	1904	26	-	BP	6	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of W.S.Laycock Ltd Dg No 11398 dated 3.2.04							
15672	GER-Cross Section through Centre of 2 nd Class Centre Coach shewing Heater Connections	1½" to 1' section for hook of Holland train fitted with Gold's patent heating Copy of W.S.Laycock drawing dated 4.2.04	4.2.04	1904	26	-	BP	15	2
15673	Messrs. W. B. Laycock Ltd-Gold System of Heating Railway Carriages	3" to 1' elevations and section shewing proposed arrangement of levers for operating heat regulator in GER carriages	4,2,04	1904	26	-	BP	6	1
15674	GER-1¼" Auxiliary Steam Cock for Train Heating	Full size elevation and plan of cock for Hook of Holland train gold's Patent Copy of W.S. Laycock drawing dated 5.2.04	5.2.04	1904	26	-	BP	15	2
15675	GER-Drip Trap for Heating Apparatus (Gold's Patent) used on Continental Train de Luxe 1904	Full size elevations and sections of trap Copy of W.S. Laycock drawing dated 5.2.04	5.2.04	1904	26	-	BP	6	2
15676	GER-Sketch Shewing Arrangement of Levers Proposed for Operating Heat Regulator for GER	3" to 1' elevations of lever Copy of W.S. Laycock drawing dated 15.2.04	15.2.04	1904	26	-	BP	6	1
15677	GER-Steam cock (1½" x 45°) used with Gold's Patent Steam Heating Apparatus on Continental Train de Luxe 1904	Full size elevations, sections and plan of steam cock Copy of W.S. Laycock Dg 11380 dated 5.2.04	5.2.04	1904	26	-	BP	4	3
15679	The Coligny Lamp for Railway Carriages	Full size sectional views of lamp type No 116, for clerestory roofs and 107 for elliptical roofs Copy of Lamp Manufacturing Co Dg No 127 dated 29.10.97	29.10.97	1897	26	-	BP	6	1
15680	Coligny Restaurant or Parlour Car Lamp (Ventilating No 116)	Full size elevation of lamp for clerestory roofed carriages Copy of Lamp Manufacturing Co Dg No 116	29.10.97	1897	26	M8	BP	1	2
15681	Belgian States Coligny Saloon Lamp	Full size elevation of saloon lamp with sectional view through roof	29.10.97	1897	26	M8	BP	1	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15681	Belgian States-Congny Saloon Lamp	Copy of Lamp Manufacturing Co Dg No 140 29.10.97	29.10.97	1897	26	IVB	BP	4	1
15682	J. Stone & Co.'s Patent Electric Light System for Railway Carriages-Method of Suspending Dynamo	3" to 1' elevations of dynamo and drive Copy of J. Stone & Co Dg No N.445	19.10.99	1899	26	-	BP	1	1
15683	J. Stone & Co's New Patent Electric Lighting System for Railway Carriages-Diagram of Double Battery Connections	Diagram of connections Copy of J. Stone Dg No N.479 dated 8.6.00	8.6.00	1900	26	-	BP	6	1
15684	GER-Junction Box	Full size section and plan of electrical junction box for carriage roofs Copy of J. Stone & Co drawing	8.6.00	1900	26		BP	39	2
15685	GER-Messrs. J. Stone & Co.'s System of Electric Lighting for Railway Carriages-Method of Wiring a Coach	Diagram of wiring	8.6.00	1900	26	-	BP	6	1
15686	GER-Details of Link and Adjusting Screw for Dynamo Suspension Ironwork	Full size elevation of assembly J. Stone & Co's patent electric lighting system for railway carriages Endorsed: for general arrangement see Dg No – Copy of J. Stone & Co Dg No 440 5.7.00	5.7.00	1900	26	-	BP	4	2
15687	GER-J. Stone & Co. New Patent Electric Lighting System for Railway Carriages-Method of Suspending Dynamo	3" to 1' elevations of dynamo suspension and flanged pulley mounted on axle Copy of J. Stone & Co Dg No N.444 5.7.00	5.7.00	1900	26	-	BP	4	1
15688	GER-J. Stones & Co. Electric Lighting for Railway Carriages-Accumulator Box & Fittings	Sketch elevations and plans of components Copy of J. Stone Dg No N.421 5.7.00	5.7.00	1900	26	-	BP	15	2
15689	GER-J. Stone & Co. New Patent System for Electric Lighting for Railway Carriages-Accumulator Box & Fittings	Sketch elevations and plans of components Copy of J. Stone Dg No N.421 12.11.00	12.11.00	1900	26	-	BP	15	1
15690	GER-Proposed Positions of Dynamo & Accumulators on Suburban Thirds	1½" to 1' elevation and plan of frame showing apparatus Copy of J. Stone Dg No N.772 1.9.02	1.9.02	1902	26	-	BP	15	1
15691	GER-Position of Accumulator on Separate Coach where One Dynamo Supplies Two	1½" to 1' elevation and plan of frame showing apparatus	16.9.02	1902	26	-	BP	15	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Separate Coaches	Copy of J. Stone Dg No N.774 16.9.02							
15692	GER-Proposed Positions of Dynamo & Accumulator on First Class Suburban	1½" to 1' elevation and plan of frame showing apparatus Copy of J. Stone Dg No N.773 1.9.02	16.9.02	1902	26	-	BP	15	1
15693	GER-Showing Dynamos & Accumulators in their Relative Positions on Coaches	¼" to 1' diagram of a 15 coach suburban train showing position of accumulators and dynamos with reference to Stone's drawings Copy of J, Stone & Co, Deptford drawing	22.9.02	1902	26	-	BP	4	1
15694	GER-Accumulator Box & Fittings	Diagrammatic elevation, plan and sections of accumulator box 5'5" x 1'10 ½" deep x 1'2 3/16" wide, with full size details Copy of J. Stone & Co, Deptford Dg No N.421 14.10.03	14.10.03	1903	26	-	BP	4	2
15695	Link for Suspending Dynamo, Size "D"-J. Jones Patent Electric Lighting System	3" to 1' elevations of components ½" to 1' elevation and plan of frame showing apparatus Copy of J. Stone Dg No N.843	- .2.04	1904	26	-	BP	15	1
15696	J. Stone & Co.'s Patent Electric Light System for Railway Carriages-Method of Suspending "D" size Dynamo	3" to 1' elevations of dynamo and drive Copy of J. Stone & Co Dg No N.938	- .2.04	1904	26	-	BP	1	1
15697	GER-J. Stone & Co.'s System of Electrically Lighting Railway Carriages-Proposed Positions of Dynamo & Accumulators on 48'3" Bogie	1½" to 1' elevation and part plan of underframe showing equipment Copy of J. Stone Dg No N.987 12.2.04	2.2.04	1904	26	-	BP	15	2
15698	GER-J. Stone & Co.'s Patent Electric Lighting System for Railway Carriages-Proposed Position of Dynamo on 48'3" Bogie Corridor	1½" to 1' elevation and plan showing position of equipment Copy of J. Stone Dg No N.968	3.2.04	1904	26	-	BP	6	2
15699	GER-J. Stone & Co.'s Patent Electric Lighting System for Railway Carriages-Proposed Position of Accumulators on 48'3" Bogie	1½" to 1' elevations and plan showing position of equipment Copy of J. Stone Dg No N.969	5.2.04	1904	26	-	BP	6	2
15700	GER-Proposed Position of Dynamo and Accumulators on 32'-0" Composite Brake	1" to 1' part side elevation and plan of frame showing arrangement of apparatus for continental train	12.2.04	1904	26	-	BP	4	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	GER of Continental Train	Copy of J. Stone & Co Dg No N.975 12.2.04							
15701	GER-Proposed Position of Dynamo & Accumulators on 50'0" Underframes of Continental Train	1½" to 1' sections and plan of positions Copy of J. Stone Dg No N.978 dated 15.2.04 My comment: too fragile to examine	15.2.04	1904	27	-	BP	7	1
15702	GER-Proposed Position of Accumulators on 50'0" Underframe for Kitchen Car of Continental Train	1½" to 1' elevations and plan showing position of equipment Copy of J. Stone Dg No N.983 dated 1.2.04	15.2.04	1904	27	-	BP	7	1
15703	GER-Proposed Method of Suspending Dynamo on 48'3" Composite Bogie Carriages	1½" to 1' elevation showing position of dynamo Copy of J. Stone Dg No 1377 dated 12.10.05	12.10.05	1905	27	-	BP	7	2
15704	Stone's Patent Electric Lighting System for Railway Carriages-Proposed Method of Suspending Accumulator on GER 48'3" Bogie Composite Carriages	1½" to 1' part elevation and plan of steel underframe showing position of accumulators Copy of J. Stone Dg No N1379 dated 12.10.05	12.10.05	1905	27	-	BP	30	1
15705	General Arrangement of Westinghouse Emergency Apparatus for Passenger Carriages	Full size elevations and sections of apparatus Copy of Westinghouse Brake Co Dg No 19823 dated 10.11.99	19.6.03	1903	27	-	BP	21	2
15706	Passenger Communication in Connection with Auto-vacuum Brake-Gresham's Patent	Full size arrangement of gear Copy of Gresham & Craven Dg No 4170-97 dated 26.5.97	26.5.97	1897	27	M8	P-C	25	4
15707	Passenger Communication in Connection with Auto-vacuum Brake-Gresham's Patent	Full size arrangement of gear Copy of Gresham & Craven Dg No 4170-97 dated 26.5.97	No date		27	M8		25	
15708	Proposed Arrangement of New Style Whistle Stand	Sectional elevation of stand for brake Copy of Westinghouse Co Dg No 19825 dated 10.11.99	10.11.99	1899	27	-	BP	30	1
15709	Details of Valve Handle for Passenger Communication Apparatus in Connection	Full size elevation, section and plan of valve		1900	27	M8	BP	9	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15709	Communication Apparatus in Connection with Vacuum and Westinghouse Brakes	Copy of Passenger Communication Co Dg No 2	-	1899	27	M8	BP	8	1
15710	(Untitled)	¾" to 1' part sections, elevations and plan showing arrangement of Westinghouse and Vacuum pipes on end of LNWR type carriage Copy of Passenger Communication Co Dg No 1 dated 1899	-	1899	27	M8	BP	30	1
15711	Arrangement & Details of Passenger Train Communication Apparatus	6" to 1' details of fittings and full size arrangement Copy of Passenger Communication Co Dg No 43 dated 3.4.02	3.4.02	1902	27	-	P	22	3
15712	J.A.Craven and Foster's Improved Carriage Wheel	Full size section and 3" plan of 3'6" wood centred wheel Copy of Craven & Foster's drawing undated	29.7.92	1892	27	M9	BP	22	2
15713	Improved Corrugated Steel Disc Wheel with Forged Solid Wrought Iron Boss	Full size part elevation and half section of 3'6" diameter wheel My note: appears to be made of a pair of ¼" steel discs secured at the rim	No date		27	M9		22	
15714	Side Bearing Spring	3" to 1' elevation, section and plan of 5' 7 plate spring for Fox's carriage bogies Copy of Leeds Forge Co Dg No Part 2807 13.1.98	31.1.98	1898	27	M9	BP	16	3
15715	SE&CR-Fox's Patent Pressed Steel Carriage Bogie-Order No. PR1824 Dg No 4718	1½" to 1' elevation and plan of 4 wheel bogie frame Copy of Leeds Forge Co Dg No 4718 17.1.01	17.1.01	1901	27	-	BP	16	2
15716	NER-Fox's Patent Pressed Steel 6 Wheels Carriage Bogie	1½" to 1' elevation and plan of bogie frame Copy of Leeds Forge Co Dg No 3615 6.5.99	6.5.99	1899	27	-	BP	16	2
15717	GCR-Timmis Patent Bogie Lead Arrangement	3" to 1' section and plan of assembly	14.2.02	1902	27	-	BP	22	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15718	NER-6 Wheeled Carriage Bogie (Fox's Pressed Steel)	1½" to 1' elevations and plan of 12' wheelbase bogie Copy of Leeds Forge Dg No 3333 dated 21.11.98 My comment: drawing supplied by Taite & Carlton	21.3.00	1900	27	-	BP	29	1
15719	Oscillation Diagrams-Carriage Bogie Stock	Diagram My comment: origin not found	20.12.04	1904	27	-	BP	12	1
15720	LB&SCR-General Arrangement of Pressed Steel Bogie for Main Line Carriages	1½" to 1' elevations, section and plan of 8' wheelbase bogie Copy of LB&SCR Dg No 3700 dated 16.3.93	16.3.93	1893	27	M9	BP	7	2
15721	GWR-Carriage Bogie Suspension Arrangement	Full size section of suspension Copy of GWR Dg No 11664 dated 31.7.94	31.7.94	1894	27	M9	BP	7	3
15722	L&NWR-Fox Patent Carriage Bogie	1½" to 1' elevations and plan of 8'0" wheelbase bogie Copy of LNWR Dg No 306 dated 15.10.92	13.10.92		27	M9	BP	22	1
15723	Fox's Patent Pressed Steel Bogie for 5' 6" Gauge Railway	1½" to 1' elevation, section and plan of 8' wheelbase bogie Copy of Leeds Forge Co/Fox Dg No 407A			27	M9	BP	18	2
15724	GWR-Standard 8'6" 4 Wheeled Bogie	1½" to 1' arrangement of bogie My comment: too fragile to examine	3.8.94	1894	27	-	BP	7	2
15725	GWR-10'-0" 4 Wheeled Bogie	1½" to 1' arrangement of bogie Copy of GWR Dg No 12250 dated 8.6.95	10.9.95	1895	27	-	BP	7	2
15726	GER-Bogie Bolster Bearing Spring & Draw Spring	Full size elevation of spring for carriage Copy of Timmis Dg No T.2619 dated 30.3.00	30.2.00	1900	27	-	TI	12	2
15727	GER-Proposed Steel Wearing Plate for Carriage Bogie	Full size elevation and section of plate for carriage bogie horns	22.7.04	1904	27	-	TI	22	2
15728	GER-Plan of Proposed New Standard Carriage Bogie arrangement to	1½" to 1' plan of bogie frame Endorsed: approved	12.2.04	1904	27	-	OI	22	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15729	GER-Proposed Steel Bolster for 4 Wheeled Bogies	3" to 1' elevation, section and plan of bolster Endorsed: approved	12.2.04	1904	27	-	OI	22	2
15730	Timmis Patent Swing Bolster Bogie Compensating with Combined Bearing and Side Check Springs (with or without "lead")	1½" to 1' elevations, section and plan of bolster with written description Copy of I.A. Timmis drawing T.3392 dated 14.9.05	14.7.05	1905	27	-	BP	22	2
15731	GER-Bogie Bolster Bearing Spring & Draw Springs for Carriage-Timmis' 2a & 1b	Full size elevations of 4 helical springs for carriages Copy of I.A. Timmis Dg dated 16.3.00	16.3.00	1900	27	-	TI-C	30	1
15732	Bogie Bolster Bearing Springs	Full size elevation of 4 springs Copy of I.A. Timmis Dg No T2644 dated 30.5.00	30.5.00	1900	27	-	PT	21	2
15733	GER-Timmis Patent Bogie Lead Arrangement	3" to 1' section, elevation and plan showing centre of bogie Copy of I.A. Timmis Dg No T.2859 dated 14.1.02	14.1.02	1902	27	-	PT	7	2
15734	GER-Fox's Patent Pressed Steel 6 Wheeled Carriage Bogie	1½" to 1' elevations, plans and sections of bogie Copy of Leeds Forge Co Dg 4253, Order No PR1755	5.5.00	1900	27	-	BP	7	3
15735	Cast Steel Centre Pivot for Carriage Bogies	Full size elevations and plans of pivot Copy of Taite & Carlton Dg No 3158A dated 1.5.00	1.5.00	1900	27	-	BP	7	3
15736	GCR-15 Tons Goods Brake with Steel Underframe, fitted with Vacuum Brake	1½" to 1' general arrangement of 20'0" 6 wheel brake van with Vacuum brake Copy of GCR Dg No 2617 dated 2.8.05	2.8.05	1905	27	-	BP	30	2
15737	GWR-Goods Brake Van	1½" to 1' general arrangement of brake van Copy of GWR Dg No 4057 dated 19.3.86 My comment: too fragile to examine	19.3.86	1886	27	M11	TI-C	22	4
15738	GWR-14 Tons Standard Goods Brake Van-General Arrangement	1½" to 1' general arrangement of goods brake van Copy of GWR drawing My comment: too fragile to examine	29.1.00	1900	27	-	BP	2	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15740	NER-Plate Glass Wagon	1" to 1' elevations and sectional plan of well type glass wagon with wood frame Copy of NER Dg No 197B dated 8.1.92	6.12.97	1897	27	M11	BP	5	1
15741	GWR-Glass Wagon	1½" to 1' general arrangement of 21'6" steel framed wagon to carry glass vertically in well Copy of GWR Dg No 13357 dated 1.9.97	1.9.97	1897	27	M11	BP	22	2
15743	MR-Gunpowder Van	1½" to 1' elevations and sections of 15'0¼" van with iron clad body Copy of MR Dg No S28 dated 4.9.97	4.9.97	1897	27	M11	TI-C	30	2
15744	GWR-Gunpowder Van	1 ½" to 1' general arrangement of 16' van Copy of GWR Dg No 13548 dated 8.9.97, lot 157	8.9.97	1897	27	M11	BP	5	1
15745	GER-Proposed Ballast Train	½" to 1' of train of 13'4" bodies with 2'2" dia wheels comprising wagon A with 1 fixed end, 1 drop end; wagon B with 2 drop ends; wagon C guard truck with convention coupling gear. Three wagons of type B take a 45' rail Endorsed: wagons required lettered A = 16; B = 8; C = 3 Copy of Engineers Dg No 29992 dated 13.1.05	13.1.05	1905	27	-	P	21	3
15746	LB & SCR-20 Tons Hopper Ballast Wagon	Publicity photograph of wagon built by Hurst Nelson & Co. , Glasgow to Billinton design	20.6.04	1904	27	-	Photo	22	3
15747	GER-Alteration to Double Bolster Wagon	1½" to 1' elevations showing method of raising bolster by 4½"	1.3.02	1902	27	-	TI-C	21	3
15748	NER-Triple Bolster Wagon	1" to 1' general arrangement of 38'10" bogie wagon with three bolsters Copy of NER Dg No 5341 dated 17.12.04	17.12.04	1904	27	-	BP	30	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15749	Fox's Patent Sleeper Wagon constructed of Pressed Steel Plates	1½" to 1' elevation and plan of 21'6" dumb buffered steel frame to GER Order No 1038 Copy of Leeds Forge Co Dg 745	-	-	27	M13	BP	21	1
15750	GNR-Express Covered Goods Train Wagons fitted with Continuous Brake (Vacuum)	1" to 1' arrangement of continuous vacuum brake Copy of GNR Dg No 225 My comment: too fragile to examine	29.12.04	1904	27	-	P-C	12	4
15751	GWR-Standard Open Goods Wagons	1½" to 1' general arrangement of steel framed 15'0" 3 plank open 1'9" deep with centre door Copy of GWR Dg dated 28.8.85	28.8.85	1885	28	-	P-C	28	2
15752	GCR-Covered Goods Wagon with Combined Vacuum & Hand Brakes	1½" to 1' general arrangement of 16'0" wagon Copy of GCR Dg No 2144 dated 19.11.01	19.11.01	1901	28	-	BP	28	1
15753	GCR-15 Tons Covered Goods Wagon	1" to 1' general arrangement of 27' 0" wagon fitted with Vacuum brake, 15' 0" wheelbase Copy of GCR Dg No 21467, order HO2188	19.11.04	1904	28	-	BP	33	1
15754	GCR-Covered Goods Wagons with Vacuum & Hand Brakes	1½" to 1' general arrangement of 16'0" wagon Copy of GCR Dg No 2144 dated 19.11.01	19.11.01	1901	28	-	BP	28	1
15755	GER-Proposed Method of Converting Ventilated Covered Goods Wagons for Fruit Traffic	½" to 1' half side elevation of Dia 15 covered goods with ventilators and 6" to 1' details showing replacement of board one up from bottom with wire gauze panel in an iron frame Produced at Temple Mills and signed by A.M. Bell	19.9.00	1900	28	-	TI	28	2
15756	SE&CR-20 Tons Coal Wagon	1" to 1' general arrangement of 21' 7 plank open wagon with one side door 4'6" deep body Copy of SE&CR Dg dated 4.4.01	4.4.01	1901	28	-	BP	29	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15757	NER-15 tons Coal Wagon	1½" to 1' general arrangement of wood bodied coal wagon 20'0" with bottom discharge Copy of NER Dg No 3617 dated 21.11.00	21.11.00	1900	28	-	BP	28	1
15758	SE&CR-20 Tons Coal Wagon	1" to 1' general arrangement of 21' 7 plank wagon with two side doors, 4'6" deep body Copy of SE&CR Dg dated 4.4.01	4.4.01	1901	28	-	BP	29	1
15759	L&YR-30 tons Coal Wagon	1" to 1' general arrangement of 40'0" wood bodied steel framed open wagon with 2 side doors body 4'0" deep Order H32 Copy of L&YR Dg No 4285 dated 4.12.01	4.12.01	1901	28	-	BP	28	2
15760	Midland Rly-General Arrangement of 30 Tons Coal Wagon with Fox's Patent Pressed Steel Underframe & Bogies	¾" to 1' general arrangement of 36' 0" steel bodied wagon 4' 4" deep, 3 side doors, body 8' 0" wide Copy of Leeds Forge Co Ltd Dg No 5519, order PR1959	10.7.02	1902	28	-	BP	32	4
15761	NER-15 Ton Coal Wagon	1½" to 1' general arrangement of 20' 0" wood bodied wagon with bottom doors, 7' 8" wide, without side doors	26.12.02	1902	28	-	BP	33	2
15762	GWR-20 Ton Coal Wagon	1½" to 1' general arrangement of 20' 0" steel open wagon, two side doors, rounded body corners 4' 2" inside Copy of GWR Dg No 14931	24.11.99	1899	28	-	BP	33	1
15763	LNWR-Standard 20 tons Coal Wagon	1" to 1' general arrangement of steel bodied wagon 21'0" long, body 4'7" deep Copy of LNWR Dg dated 14.9.01 My comment: diamond symbol pressed into wagon sides	9.12.01	1901	28	-	BP	28	1
15764	GCR-40 tons Coal Wagon	1" to 1' general arrangement of 35'0" bogie steel bodied wagon with vacuum brake Copy of GCR Dg No 2777 dated 15.4.04	15.4.04	1904	28	-	BP	28	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15765	NLR-10 Tons Hopper Coal Wagon	1½" to 1' general arrangement of 16' 2" wood bodied coal wagon with bottom doors, 4' 2 ¼" deep inside hopped	16.1.02	1902	28	-	P	33	2
15766	GWR-20 Tons Coal Wagon	1½" to 1' general arrangement of 20'0" steel bodied open wagon 4'5¾" deep body Copy of GWR Dg No 18937 dated 26.11.01	26.11.01	1901	28	-	BP	29	1
15767	Caledonian Rly-General Arrangement of 30 Ton Wagon	1" to 1' general arrangement of steel 35' 0" bogie wagon with 3 side doors, body 8' 0" wide Copy of CR Dg No 11281	14.3.03	1903	28	-	BP	33	2
15768	NER-20 tons Coal Wagon	1½" to 1' general arrangement of 20'0" wagon with bottom discharge and drop stanchions Copy of NER Dg No 306 dated 7.8.02	7.8.02	1902	28	-	BP	28	1
15769	Midland Rly-30 Ton Coal Wagon	1" to 1' elevations, plans and sections of 38' 0" steel bogie open wagon, 2 side doors, body 4' 0" deep and 7' 6" wide Copy of MR Dg No 1539	28.11.01	1901	28	-	PT	33	1
15770	G&SWR-Mineral Wagon with Iron or Steel Underframe to Carry 12 tons Iron Ore	1½" to 1' general arrangement of 15'8" 5 plank open wagon 3/4/ 1/8" deep body with cupboard doors and both ends opening Copy of G&SWR Dg dated 20.12.98	20.12.98	1898	28	-	BP	29	1
15771	Belfast & Northern Counties Rly-G.A. 30 tons Mineral Wagon with Fox's Pressed Steel Frame Plates	1" to 1' general arrangement of 32'0" bogie wagon, body 2'6" deep, 5'0" gauge Plate 485 from Railway Engineer Supplement 8.91	- .8.91	1891	28	-	Litho	28	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15772	Caledonian Rly-Proposed Large Capacity Mineral Wagons	3/8" to 1' diagrams of 6 wagons: 14' 5" 10 ton coal & 14 ton ore; 17' 6" 15 ton mineral; 21' 0" 20 ton mineral; 29' 0" 25 ton mineral; 35' 0" 30 ton bogie mineral; 35' 0" 40 ton bogie mineral, all inside measurements Copy of CR Dg No 11161	21.11.01	1901	28	-	BP	33	1
15774	Dowlais Iron Company-15 Ton Iron Ore Wagon	1½" to 1' general arrangement of 15' 0" steel hopper wagon Copy of GWR Dg, built by Birmingham C&W Co	9.12.90	1890	28	-	BP	33	2
15775	Taff Vale Rly-22 tons Rail Truck with Fox's Patent Pressed Steel Frame Plates & Bogies	1" to 1' general arrangement of 31'0" 3 plank open truck, 2'0" deep body Copy of TVR Dg dated ?	29.11.01	1901	28	-	BP	28	1
15776	GWR-3125 Galls Travelling Oil Tank-Lot 65	1½" to 1' general arrangement of 19'0" tank wagon Copy of GWR Dg No 11853 dated 6.11.94	5.1.95	1895	28	M11	BP	28	1
15777	GWR-15 ton Agricultural Implement Wagon	1½" to 1' general arrangement of 26'6" well wagon wheelbase 21'0" Copy of GWR Dg No 9656W dated 11.5.91	11.5.91	1891	28	M11	BP	28	1
15778	GWR-Agricultural Engine Truck	1½" to 1' general arrangement of 25' 6" steel framed truck with 20' 0" wheelbase, 2' 8" wheels Copy of GWR Dg No 3941	18.8.85	1885	28	M11	TI-C	33	2
15779	L&NWR-30 Ton Bogie Trolley-35' Bed	1½" to 1' general arrangement of 63' 11½" over buffers bogie wagon 47' 4" centres of wheelbase My Comment: part of drawing possibly missing	5.91	1891	28	M11	BP	33	3
15780	GER-Stratford Station-Plan shewing Positions of [?] ramps on down platform -	Drawing dated 30-11-1903 Too delicate to open	No date		30			26	
15780	MS&LR-50 tons Wagon	1" to 1' general arrangement of 47'0" bogie well wagon	-	1882	28	M11	OI-C	28	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of MSLR Dg No 1809.82							
15781	Midland Rly-Long Armour Plate Truck & 40 Ton Armour Plate Truck	½" to 1' outline side elevation and end section of 37' 7½" and 24' 0" wagons Copy of MR drawing	21.3.99	1899	28	M11	TI	33	3
15783	L&NWR-Boiler Trolley to Carry 50 Tons	¾" to 1' general arrangement of 43'4" bogie wagon Copy of LNWR Dg dated 1.4.83	1.4.83	1883	28	-	TI-C	28	2
15784	Midland Rly-30 Ton Boiler Truck	½" to 1' elevations and plan of 44' 0" bogie wagon flitched timber construction Copy of MR drawing	15.4.82	1882	28	M11	P-C	33	2
15785	GNR-40 Tons Armour Plate Wagons	1" to 1' side elevations of 42' 4" over buffers bogie wagon, No 15299 and 46' 4" over buffers bogie wagon No 7504 with steel frames Copy of MR drawing	13.3.82	1882	28	M11	P-C	33	2
15786	NER-40 Ton Boiler Wagon	1" to 1' general arrangement of 48'2" bogie wagon Copy of NER drawing dated 14.4.82	14.4.82	1882	29	M11	OI-C	22	2
15787	GWR-NG 20 Ton Boiler Truck	1½" to 1' general arrangement of 50' truck with well Copy of GWR Dg No 9351W, lot 606 dated 4.91	11.5.94	1894	29	M11	BP	46	1
15788	RAR 4' 8½" Gauge-Bogie Wagon for 30 ton Gun	¾" to 1' elevation and plan of 28' steel framed wagon with 5'6" wheelbase bogies Copy of Leeds Forge Dg No 4207, order PR1721 Endorsed: Mr Holden has sanctioned these wagons travelling over the GER for the purpose of the Royal Arsenal	25.1.00	1900	29	-	BP	31	2
15789	Caledonian Rly-General Arrangement of Fish Truck with Falling Sides	1 ½" to 1' general arrangement of 16' 0" wood framed dual fitted wagon Copy of CR Dg No 10771 dated 6.12.04	17.4.01	1901	29		BP	35	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15790	Highland Rly-Arrangement of Fish Wagon fitted with Vacuum Brake	1 ½" to 1' elevations and plan of 18' 4 plank open fish wagon Copy of HR Dg No 2654	4.12.04	1904	29	-	BP	31	1
15791	L&Y-20 Tons Fruit Wagon	1 ½" to 1' general arrangement of 21' 6" 6 plank open wagon fitted with the Vacuum brake Copy of L&YR Dg No 5389, order H36	1.12.04	1904	29	-	BP	31	2
15792	GWR-Refrigerator Van	1½" to 1' general arrangement of 16' steel framed van Copy of GWR Dg No 13385 dated 19.5.97	19.5.97	1897	29	M11	BP	9	2
15793	GWR-Refrigerator Van	1 ½" to 1' general arrangement of 16' 0" van fitted with screw couplings and Vacuum brake Copy of GWR Dg No 13385 dated 24.12.90	24.12.90	1890	29	M11	BP	42	2
15794	L&YR-Arrangement of Centre & Side Bolster Bearing for 30 Tons Wagon as	Unscaled sketch of bolster Copy of L&YR Dg No 4464 dated 3.12.01	4.12.01	1901	29		BP	48	3
15795	GER-Stress Diagrams of Roof Trusses	½" to 1' diagram of trusses, purpose unknown Copy of SDO Dg No 3399 8.08	31.7.11	1911	29	-	P	22	3
15796	Patent Meat Car	Elevations, sections and plan of wooden bodies covered wagon to carry fresh meat, poultry, fish, fruit and other perishable goods Copy of Swansea Wagon Co lithograph endorsed winner of 1 st prize of £50 and gold medal	1.7.79	1879	29	M11	Litho	22	2
15797	GCR-40 Tons Coal Wagon	1½" to 1' elevations and plan of wagon with 5'6" bogie wheelbase	1.8.05	1905	29	-	BP	31	1
15798	L&YR-Malleable Centre Pin Castings for 30 tons Coal Wagon-Order H32	Full size elevation, section and plan of castings Copy of L&YR Dg No 4390 dated 4.12.1901	4.12.01	1901	29	-	BP	27	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15799	RAR-Fox's Patent Pressed Steel Wagon Bogie	3" to 1' elevation, section and plan of 5'6" wheelbase bogie Copy of Leeds Forge Co Dg No 4028 dated 25.1.00, order PR1721 Endorsed: Mr Holden has sanctioned these wagons travelling over the GER for the purpose of the Royal Arsenal 25.1.00	25.1.00	1900	29	M11	BP	29	1
15800	Steel Underframe (as used for Coal Wagons, etc with Bolt Holes arranged for Side, End and Bottom Doors)	1" to 1' elevation and plan of frame only Copy of Darlington Wagon & Engineering Co Dg dated 30.2.93	30.12.93	1893	25	M13	BP		3
15801	Underframe	1 ½" to 1' elevation and plan of 15' 11" channel steel underframe, 9' wheelbase for wagons Copy of Brown, Marshalls Dg No 13156 dated 30.11.93	30.11.93	1893	29	M13	BP	36	2
15802	GER-High Sided-Proposed Alteration of Sole	3" to 1' elevations and plan of end of solebar showing proposed position of holes as variation to GER drawing for wagons being constructed by Renshaw & Co Copy of W.R. Renshaw & Co Dg No 1287 dated 13.2.00 Endorsed: copy of tracing supplied by Renshaw & Co	13.2.00	1900	29	-	PT	30	3
15803	Wagon Underframe with Fox's Pressed Steel Frame Plates	1½" to 1' elevations and plan of 15' steel underframe with modifications Copy of Taite & Carlton Dg No 256A 31.5.93 My note: a type used by the GER	31.5.93	1893	29	M13	PB	19	2
15804	GER-Fox's Pressed Steel Underframe showing Holes required	1½" to 1' elevations and plan of 15' steel underframe 9" x 3½" Copy of Leeds Forge Dg No 1378 by Taite & Carlton	18.8.93	1893	29	M13	BP	19	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15805	Private Owner Wagons-Arrangement of Wagon Underframe with Fox's Patent Pressed Steel Frame Plates	1½" to 1' arrangement of 15' 0" underframe Copy of Taite & Carlton drawing dated 30.6.93	30.6.93	1893	29	M13	PB	45	3
15806	Wagon Underframe with Fox's Patent Pressed Steel Frame Plates and Patent Simplex Double Action Brake	1½" to 1' elevation and plan of 14' 11" steel underframe with brake with horizontal lever operating a clasp brake on one set of wheels Copy of Taite & Carlton Dg No 391 dated 28.5.90	28.5.90	1890	29	M13	PB	48	4
15807	GWR-Axlebox for 15 Ton Truck	Full size elevations and sections of grease axlebox for 10" x 5" journals Copy of GWR Dg No 6211 dated 10.86	12.6.95	1895	29	M13	BP	41	2
15808	NER-Arrangement of Either Side Wagon Brake on NER Wagon	1½" to 1' elevations and plan of 15' wood frame showing brake Copy of Leeds Forge Co Ltd Dg No 5094, order E533 dated 11.7.01	11.7.01	1901	29		BP	45	1
15809	GWR 5" OK Oil Axlebox	Full size elevations, sections and plans of axlebox for 10" x 5" journals Copy of GWR Dg No 9760 dated 12.6.95 Endorsed: for Loco Boiler trucks Nos 33991-34000	12.6.95	1895	29	M13	BP	52	2
15810	GWR-5' 0" OK Oil Axle Box	Full size elevations, plan and section of oil axlebox for boiler trucks Nos 33991-34000 and 20 tons coal wagons with 10" x 5" journals	7.10.01	1901	29	-	BP	31	2
15811	GNR-Proposed Oil Axlebox for 20 Tons Wagon	6" to 1' elevations, section and plan of oil box for 10" x 5" journals Copy of GNR Dg No 20251 dated 23.4.03	5.5.03	1903	29	-	PB-C	42	1
15812	Midland Rly-Axlebox for 40 Tons Wagons adapted for Oil Lubrication	Full size elevations, sections and plans of axlebox for 10" x 5" journals Copy of Midland Rly Dg No 558 dated 11.2.02	11.2.02	1902	29		TI-C	47	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15813	Stamped Steel Axlebox to Standard Pattern for Private Owners Wagons	Full size elevations, sections and plans of grease axlebox for 8" x 3 ¾" journals Copy of Steel Railway Journal Box Co Dg No 7	17.10.93	1893	29	M13	BP	36	2
15814 -1	Laycock's Either Side Wagon Brake	Unscaled sketch of apparatus Cpy of W.S. Laycock's Patent Brake Co Dg No 9616	26.1.02	1902	29	-	PB	7	1
15814 -2	W.S. Laycock's Wagon Brake Patent- Diagram of Levers	Unscaled elevation and plan of brake Copy of W.S. Laycock Dg No 11275 dated 7.12.00	7.12.00	1900	29	-	Litho	7	1
15814 -3	W.S. Laycock's Patent Either-side Wagon Brake Patent	Unscaled elevations and plan of brake Copy of W.S. Laycock Dg No 11276 dated 11.12.00	11.12.00	1900	29		Litho	48	1
15814 -4	W.S. Laycock's Patent Wagon Brake Dg No 2	½" to 1' side elevation and plan of open wagon showing brake and 3" to 1' details of	21.6.88	1888	29	M13	BP	48	1
15814 -5	W.S. Laycock's Patent Wagon Brake Dg No 3	½" to 1' side elevation and plan of open wagon showing brake and 3" to 1' details of	26.6.88	1888	29	M13	BP	48	1
15814 -6	W.S. Laycock's Patent Wagon Brake Dg No 1	½" to 1' side elevation and plan of open wagon showing brake and 3" to 1' details of	26.6.88	1888	29	M13	BP	48	1
15814 -7	Arrangement of Laycock's Patent Wagon Brake	1½" to 1' undimensioned outline elevations of underframe showing brake arrangement Copy of W.S. Laycock drawing	24.3.03	1903	29		BP	48	2
15815	J. Stone & Cos. Patent-Eitherside Wagon Brake arranged in connection with Auto Vacuum	Unscaled elevations of wood underframe showing arrangement of brake and details of shafting Copy of J. Stone Dg	12.11.96	1896	29	M13	BP	52	1
15816	GCR-Gresham's Either-side Wagon Brake as fitted on Great Central Wagon No.15931	1 ½" to 1' elevation and plan of wood frame open wagon with brake fitted on one side, levers on both Copy of GCR Dg No 2218	27.2.02	1902	29	-	P	42	3
15817	Diagram of Levers-Parker's Patent Either Side Wagon Brake	Diagrams of No 1 right and left levers on GE No 28939; No 2 right hand lever on GE No 28137 and No 3 right hand lever on GE No 29775	26.1.02	1902	29	-	PB	9	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of Parker drawing							
15818	Diagram of Levers-McDermid's Eitherside Hand Brake for Wagons Diagram of levers	Unscaled diagrams showing the ratios for 3 brake levers Endorsed: No 1 No 29773; No 2 29646; No 3 No 29890 (being the wagons fitted) My comment: drawn by McDermid	26.1.02	1902	29		PB	35	3
15819	Patent Either Side Wagon Brake (Roberts)	1½" to 1' elevation and plan of hand brake with lever on left-Roberts Patent Copy of Chas Roberts drawing	8.10.02	1902	29	-	BP	10	1
15820 -1	GER-Arrangement of Either Side Wagon Brake-on Leeds Forge Co Wagon-Lane's Patent	1½" to 1' arrangement of brake on 15' wood framed open wagon Copy of Leeds Forge Co Dg No 4294 dated 23.5.00	23.5.00	1900	29		BP	38	2
15820	Lane's Patent Either-side Brake on Wagon Right Hand	Unscaled elevations and plan of brake on outline underframe and enlargement of brake handle Copy of Lane drawing	27.2.02	1902	29	-	Litho	32	3
15821	Rhondda & Swansea Rly-Covered Goods Van- Morton's Handbrake	1½" to 1' elevations and plan of 16'0¼" steel underframe showing Morton's brake gear Copy of Oldbury RC&W Dg	12.7.95	1895	30	M13	PT	26	1
15822	Rhondda & Swansea Bay Rly-Details of Morton's Patent Hand Brake	3" to 1' details of components for covered goods wagon Copy of Oldbury RC&W drawing 15.7.95	15.7.95	1895	30	M13	PT	19	2
15823	Arrangement of Frampton's Patent Eitherside Wagon Brake	1½" to 1' elevations, plans and plan of arrangement on steel underframe and 4½" to 1' details of individual components	29.3.05	1905	30	-	P-C	26	2
15824	Panter, Taite & Carlton Patent-Hand Lever Brake applied to GER wagon	1½" to 1' outline elevations and plan of wood framed open wagon showing arrangement of brake operated by lever mounted on end	12.7.89	1889	30		PB	38	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
-1		Copy of Taite & Carlton Dg No 2981 dated 12.7.89							
15824 -2	Hand Lever Brake-Taite & Carlton Patent	1½" to 1' elevations and plan of wood underframe showing arrangement of brake Panter, Taite & Carlton's Patent Copy of Taite & Carlton Dg No 2776	25.5.89	1889	30	-	BP	11	2
15825	GER-Diagram shewing Types of Either-side Wagon Brakes in Service	Unscaled elevations of 3 types of brake with a note of applicable drawing numbers	1.11.00	1900	30		PT	39	1
15826	LNWR-Brakework, etc for Refrigerator & Meat Vans	1" to 1' side elevation of underframe and vacuum gear Copy of LNWR Dg No 25	10.6.96	1896	30	-	BP	2	1
15827	GNR-Express Covered Goods Wagon Fitted with Continuous Brake-Arrangement of Combined Vacuum & Hand Brake	1" to 1' elevation, plan and section of underframe Copy of GNR Dg No 225	29.12.04	1904	30	-	P	2	3
15828	Midland Rly-Arrangement of Automatic & Hand Brakes on Covered Goods	1½" to 1' arrangement of vacuum and hand brake fitted to the underframe of a covered goods Copy of MR Dg No 1892 dated 8.12.04 My comment: too fragile to examine	13.12.04	1904	30		PB	46	4
15829	NER-Diagram showing Arrangement of Westinghouse Brakework as Fitted to 40 Tons Hopper Wagons	1" to 1' diagram showing linkages to bogie wagons Copy of NER drawing dated 26.10.04	26.12.04	1904	30	-	BP	43	2
15830	NER-Diagram of Vacuum Brakework as fitted to 40 Tons Coal Wagons (Darlington Build)	1" to 1' outline elevation of bogie wagon showing diagram of brake Copy of NER Dg No 4625 22.12.04	22.12.04	1904	30	-	BP	13	1
15831	NER-Arrangement of Quick Acting Brake on 10 ½ Tons Coal Wagons	1 ½" to 1' elevation and plan of wood framed 16' 6" open wagon showing arrangement of brake Copy of NER Dg No 3662 dated 10.6.03	26.12.04	1904	30	-	BP	43	1
15832	GWR-Arrangement of Brake on 20 Tons Coal Wagons	1 ½" to 1' arrangement of 20' 0" steel underframe and arrangement of hand and Vacuum brake Copy of GWR Dg No 19466 dated 12.01	7.12.04	1904	30	-	BP	43	2
15833	GWR-Vacuum and Hand Brake for 10 Ton Open Goods Wagon and 8 Ton Covered	1 ½" to 1' elevation and plan of gear on 9' wheelbase steel frame	2.12.04	1904	30		BP	54	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15833	Open Goods wagon and 9 Ton Covered Goods Wagons	Copy of GWR Dg No 26462 dated 2.12.04	2.12.04	1904	30		BP	54	1
15833	GWR-Vacuum & Hand Brake for 10 Tons Open Goods & 9 Tons Covered Goods Wagons	1 ½" to 1' elevations and plan of gear on 9' 0" steel frame Copy of GWR Dg No 26462	2.12.04	1904	30		BP	54	1
15834	GER-20 Ton Coal Wagons-Sketch showing Proposed Reversal of Drawbar Bolts	3" to 1' section of spring cradle	20.10.04	1904	30		TI-C	54	3
15835	GER-Proposed Gusset Stay for Strengthening Ends of 20 Tons Coal Wagons	1 ½" to 1' elevation and plan showing position of stay behind end stanchions Note: part of drawing missing, no loss of detail	24.11.03	1903	3		TI	54	3
15836	GER-Wagons built by Messrs Renshaw & Co. - Sketch shewing Arrangement of Buffer	Full size section through headstock Copy of Renshaw drawing	9.5.00	1900	30		TI-C	54	2
15837	Caledonian Railway-Self Contained Buffers to Replace Dead Buffers	Full size sections of two types of buffer 1' 9" projection Copy of CR Dg No 12935	6.2.1905	1905	30		BP	54	1
15838	GNSR-Drawhook & Coupling for Wagon No 912	Full size elevations of components Copy of GNSR Dg No 50-951, 952 and 957 dated 22.1.04	22.1.1904	1904	30		BP	54	1
15839	GNSR-Wagon Drawhook	Full size elevations of drawhook Copy of GNSR Dg No 50-943 dated 26.11.96	19.12.04	1904	30		BP	54	1
15842	Rhymney Rly-Improved Arrangement for Doors of Hopper Wagons etc.	¾" to 1' elevations, plan and section of wood frame open wagons showing arrangement of bottom doors Copy of RR Dg No 103828 dated 19.11.02Office stamp dated 03/03/1903	3.3.03	1903	30	-	P-C	43	3
15843	GWR-Binding Clip & Chains for Carrying Boilers of Large Dimensions	1 ½" to 1' plans of two types of chain Copy of GWR Dg No 0904W dated 22.5.00	22.5.00	1900	30	-	BP	43	1
15844	G&SWR-Partition Fastening for Cattle Wagons	1 ½" to 1' sectional view of partition and explanation, cost 5s Copy of G&SWR drawing dated 19.4.97	19.4.97	1897	30	M11	TI-C	43	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15845	Wrexham, Mold & Connors Quay Rly-Locking Arrangement for Cattle Wagons	3" to 1' elevation and plan of arrangement with correspondence Copy of WM&CQR drawing dated 21.4.97	20.4.97	1897	30	M11	P-C	43	2
15846	L&SWR-Sliding Partition of Cattle Wagons	1½" to 1' elevations and sections of partition Copy of LSWR Dg No 679 dated 20.4.97	20.4.97	1897	30	M11	P-C	26	4
15847	LNWR-Method of Securing Partitions for Cattle Wagons	6" to 1' elevations showing fixing	17.4.97	1897	30	-	BP	13	2
15847	L&NWR-Proposed Method of Securing Cattle Wagon Partition	6" to 1' elevation and section of top of partition, cost of alteration 2/6d each Copy of LNWR drawing	17.4.97	1897	30	M11	BP	26	2
15848	GNR-Movable Partition for Cattle Wagons	1" to 1' sections and plan of partition Copy of GNR Dg No 36F Part	19.12.92	1892	30	M11	P-C	2	3
15849	Metropolitan Rly-Proposed Fixtures for Partitions in Cattle Trucks	Full size and 1 ½" to 1' details of two methods of securing partitions Copy of Met Rly Dg No 3472 dated 8.4.97	8.4.97	1897	30	M11	BP	43	1
15850	Furness Rly-Partition Fastening for Cattle Wagons	3" to 1' details of two alternative designs Copy of FR drawing	3.4.97	1897	30	M11	BP	33	2
15851	Taff Vale Rly-Arrangement for Locking Movable Partitions in Cattle Vans	1 ½" to 1' sections of partition, cost 32s per wagon	17.4.97	1897	30	M11	BP	31	2
15852	NER-Fastener for Cattle Wagon Division	3" to 1' elevations and plan of fastener and full size details Copy of NER drawing	13.4.97	1897	30	M11	BP	13	1
15853	GWR-Movable Partition for Reducing Length of Cattle Wagons	3" to 1' elevation and plan of partition Copy of GWR Dg No 10381W dated 2.12.92	2.12.92	1892	30	M11	BP	5	2
15854	GWR-Proposed Fastening for Moveable Partition in Cattle Wagons	Full size details of fastening Endorsed: cost 8/6d for small wagons, 16s for large Copy of GWR drawing	-	1897	30	M11	BP	38	1
15855	L&YR-Locking Arrangement for Cattle Wagon Partition	1" to 1' elevations and section of partition and locking arrangement with instructions	15.4.97	1897	30	M11	PB	38	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	wagon Partition	Endorsed: cost £1 Copy of L&Y drawing							
15856	SER-Arrangement of Locking Bolt for Movable Partition in Cattle Wagons	1" to 1' elevations and plan of partition, cost 21s Copy of SECR drawing	19.4.1897	1897	30	M11	BP	36	1
15857	MS&LR-Arrangement of Movable Partition for Cattle Wagons	3" to 1' elevations and plan of partition My comment: too fragile to examine Copy of MSLR drawing	6.4.97	1897	30	M11	P	13	4
15858	McCord's Patent Frictional Check Bearing Spring arranged for 4 Wheeled Wagons	Full size section, elevation and plan of spiral spring gear Copy of Taite & Charlton Dg No 316	7.9.03	1903	30		BP	39	2
15859	NER-Brake Van Stove	1½" to 1' elevation and plan of cast iron stove Copy of NER drawing dated 17.2.80	17.2.80	1880	30	-	PT-C	19	2
15860	Maryport & Carlisle Rly-Brake Van Stove	Sketch of iron stove	2.8.80	1880	30	M11	TIC	38	2
15861	RAR-Wheel & Axle with Owen Dyson's Hydraulic Pressed Nave	3" to 1' elevation of wheelset and full size section of tyre Copy of Owen Dyson Dg No 831, order PR1721 Endorsed: Mr Holden sanctioned use over GER	19.1.00	1900	30	-	BP	33	1
15862	GWR-Wheel & Axle for 20 Tons Mineral Wagon	3" to 1' elevation of 10 spoke wheel 3' 2" diameter and full size half section of wheel Copy of GWR Dg No 19409 dated 6.12.07	6.12.07	1907	30		PB	38	3
15863	Cast steel wagon wheel & tyre fastening	Office stamp dated 15-6-1894		No date	30	M13		39	
15864	Sections of carriage & wagon tyres of 15 railway companies	Office stamp dated 11-10-1886		No date	30	M13		39	
15865	GER-Ground Plan of Sawmill, Body Shop, Carpenter's Shop etc-Carriage Department	1/8" to 1' part plan of Carriage Department showing position of benches and machinery	26.8.89	1889	30		TI-C	39	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
15866	GER-Channelsea Sidings-Proposed Site for Royal Train Shed	1" to 66' plan My comment: too fragile to examine	8.3.02	1902	30		PB	38	4
15867	Stratford-Arrangement of New Shops for Carriage Dept	1/8" to 1' interior plan of an elongated building showing layout of equipment	8.11.97	1897	30	-	PT-C	13	2
15868	GER-Part Plan of Carriage Dept. Stratford Works	1/8" to 1' plan of stock shop My comment: too fragile to examine	30.8.89	1889	30	-	TI-C	22	3
15869	GER-Proposed Plan of New Carriage Shops- Length 4000 ft x 610 ft, Area = 56 acres	½" to 66' plan of shops, location unclear Copy of SDO Dg No 2125	2.11.04	1904	30	-	PB	19	4
15870	GER-Stratford Station	1" to 66' diagrammatic plan showing position of passenger station platforms Copy of Engrs Dg	30.11.03	1903		-	TI	26	4
15900	GER-General Arrangement of Motor Omnibus Class U58	1½" to 1' elevation of double deck body, sectional elevation and plan of chassis and mechanical details	21.12.06	1906	-	-	P	55	1
15913	Particulars of Fireboxes for Loco Type Boilers	Diagram of firebox with schedule of dimensions Copy of Ransomes, Sims & Jefferies Dg No 1477 dated 12.06	9.1.07	1907	30	-	PT	10	1
15916	GER-Proposed Underframe for 17'-0" High Sided Wagon	1" to 1' elevation , section and plan of steel underframe	17.1.07	1907	30	-	TI-C	20	3
16000	GER-Profiles of Engine Tyres	Full size sections of two existing profiles and two proposed	28.3.07	1907	30	-	P	20	2
16018	Challiner's Patent 4" World's Tyre	Full size section of solid rubber tyre and rim	5.11.06	1906	30	-	TI	20	3
16019	4½" Giant Tyre-Challiner's Patent	Full size section of solid tyre for road vehicles	31.12.06	1906	30	-	TI-C	9	2
16031	Cambridge-Ground Floor Plan of Proposed Loco Office	1" to 66ft plan of offices Endorsed: not approved see Dg No 16037 Too fragile to open	21.3.07	1907	31	-	P-C	39	4
16032 Part	GER-Cambridge-Proposed Rearrangement of Loco Shops	1" to 33' plan showing in green the alterations to be carried out by the Engineer's Dept My comment: too fragile to examine	11.5.07	1907	31	-	BP	11	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16032	GER-Cambridge-General Plan of Proposed Rearrangement of Loco Shops	1" to 33' plan of loco shops My comment: too fragile to examine	13.5.07	1907	31	-	PB	20	1
16033	GER Cambridge-Elevation of Loco Office	¼" to 1' elevations of a single storey office Copy of Engineer's Dg No 16031	11.5.07	1907	31	-	P-C	19	3
16037	GER Cambridge-Plan of Loco Office	¼" to 1' interior plan of office	17.5.07	1907	31	-	P-C	19	2
16038	GER Cambridge-Elevation of Loco Offices-2 nd Scheme	¼" to 1' elevation of offices Endorsed: for plan see Dg No 16037 My comment: too fragile to examine	17.5.07	1907	31	-	PB-C	10	2
16061 Part	GER Cambridge-Loco Offices	¼" to 1' plan showing division of offices Copy of Engineer's drawing dated 25.6.07 My comment: too fragile to examine	27.6.07	1907	31	-	PB	10	4
16095	Davies & Metcalfe's Injector-10MM	Full size sections and elevations of injector with written explanation of working	7.09	1909	31		P	51	2
16108	GER-Proposed Box for Conveying Sponge Cloths	6" to 1' elevations and plans of wheeled trolley 3' 0" x 2' 0" x 1' 6" deep made of No 16 swg plate	- .7.07	1907	31	-	TI-C	10	3
16115	GER-Sketch showing Proposed Parcel Guard under Staircase of Motor Buses	1½" to 1' elevations and plans for guards for Nos 1, and 3	23.2.06	1906	31	-	TI-C	10	3
16116	Tee Square Screws	Full size elevation and section of screw	4.3.02	1902	31	-	CP	20	1
16117	GER-Malleable Cast Iron Handles 4" Long Centres	Full size plan of small handle for unspecified purpose	-	1880	31	-	PT	29	2
16129	Axle Box Brass with Side Lugs	Full size elevation and plan of brass Copy of Midland drawing dated 23.5.07 My comment: probably for PO wagons	23.5.07	1907	31	-	BP	20	2
16133	GWR-Arrangement of Copper Firebox Stays for Standard Boiler No 4 (Working Pressure 200 Lbs)	1½" to 1' elevations and sections Copy of GWR drawing attached to Dg No 19655 My comment: too fragile to examine	22.7.05	1905	31	-	PB	19	4
16143	(Approved Alteration to Position of Cylinder and Gear for Power Reversing)	1½" to 1' elevations My comment: drawing dated 8.10.01	15.8.07	1907	31	-	TI-C	10	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16147	Stroudley's Patent Ramps	1½" to 1' plan of left and right hand rail ramps	15.8.07	1907	31	-	PT-C	5	2
16149	Yoke for Accident Van Lifting Disabled Vehicles	1" and 1½" to 1' details of components	12.11.91	1891	31	-	PT-C	20	2
16153	15' 0" x 4' 3" Cylindrical Tank Wagon for Messrs Colchester & Ball	1" to 1' elevations, section and plan of 15' 3" wood framed tank wagon with 4' 3" diameter tank Copy of C. Roberts & Co Dg C29	25.7.07	1907	31		BP	50	2
16155	Professor Kennedy's Report on Engine Trials at Stratford: Trial at GER Works Stratford on Locomotive as Stationary Boiler Engine 16 & 19.8.57 Engine No 296; Locomotive Trials 19 & 20.10.87 from Stratford to Kings Lynn and back	Two page report on trial Two page report on trial Endorsed: handed by (sic) W.D. Craig 6.07 My comment; indexed 16.8.07	16.8.07	1907	31	-	-	26	2
16156	List of Sinclair's Engines Nos. 307 to 416 inclusive	Two page manuscript list of engines My comment: origin unstated	c. 7.88	1888	31	-	P	32	2
16157	Catalogue of Hyatt Roller Bearing Co.	8 page illustrated catalogue	16.8.07	1907	31	-	-	14	2
16158	Tee-square	3" to 1' plan and section of drawing office tee square	16.8.07	1907	31		TI	39	1
16159	Standard "Star Pattern" Side Door Fastener	Full size elevations and plan of fastener Copy of S.J. Claye Ltd Dg No Pt1093	12.2.07	1907	31	-	BP	19	1
16160	GWR-Locomotive Tyre Profile & Proposed Sections-Finished Dimensions	Full size sections of tyres for carriages and wagons Copy of GWR Dg No 25508 undated	16.8.09	1909	31	-	TI	20	4
16161	GER-Cambridge Station-Proposed Alteration to Loco Sidings	1/500 plan of turntable area Copy of Engineer's Dg No 33809 15.8.07	28.8.07	1907	31	-	PB	14	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16164	Dredger & Delivery Pipes	1" to 1' elevation and plan of dredger and pipes	17.8.07	1907	31	-	PB	14	3
16168	GER Gradients-Sheet No 9	½" to 1 mile gradients of sundry curves and connecting lines and schedule of CVR gradients Copy of Engineer drawing dated 22.3.06	17.8.07	1907	31	-	P	13	2
16170	Sketch Showing Proposed Corner of 17'0" High Sided Wagon	1½" to 1' part elevation and plan of body corner showing method of joining two side braces to top of corner iron and extension below side rail and mitred capping plates at corners Endorsed: Mr Holden agrees this both for capping plate and corner plates	21.1.07	1907	31	-	TI-C	13	3
16175	(Untitled)	Full size elevations of reversing gear Copy of Beyer, Peacock Dg No 9079 dated 3.3.85	18.8.09	1909	31	-	PT-C	20	1
16176	Metropolitan Railway Engines-Outside Cylinder 17" dia x 24" stroke, Connecting Rod 6' 3½" Centres-Diagram of Movements	Full size diagram of slide valve used with Allan's valve gear Copy of Beyer, Peacock drawing 3.5.85 Endorsed: presented by Chief Draughtsman W.D. Craig on his retirement from GER service 29.6.07	3.5.85	1885	31	-	PT-C	12	1
16180	GER Cambridge-Plan showing Proposed Alteration to Loco Siding (Sheer Legs shown on Repair Road)	1/500 plan of shed area Copy of Engineer's Dg No 33809 Part My comment: too fragile to examine	22.8.07	1907	31	-	PB	10	4
16197	GER-Diagram of Wrapper Plate	1½" to 1' diagram of wrapper plate of firebox shewing stays for engine No 557	- .6.07	1907	31	-	TI-C	15	3
16199	GER-Oil Axle Box T.M.	Full size elevations, sections and plan of wagon oil box for 10" x 5" journal My note: drawn at Temple Mills wagon works	8.12.02	1909	31	-	PT-C	2	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16217 -1	GER-Proposed Low Floor Brake Van-Diagram Schemes 1 & 2	¾" to 1' general arrangement of 6 wheel 32' van Endorsed: not agreed to	- .11.07	1907	31	-	PT	10	2
16217 -2	G.E.R. Proposed Low Floored Bogie Brake Van	¾" to 1' elevations of 45' bogie van on 2' 9" wheels, body width 9' o" with guards	19.11.07	1907	31		P-C	50	2
16218	GER Cambridge-Alterations for Loco Dept	1/500 plan of shed and its approaches Copy of Engrs Dg No 33837 dated 21.9.07 My comment: too fragile to examine	4.10.07	1907	31		P-C	35	4
16238	GER Cambridge-Alterations for Locomotive Department	1/500 plan of shed and machine shop	25.10.07	1907	31		PB-C	50	4
16247	GER-Proposed Alterations to Drawgear of Low Floored Ballast Wagons	3" to 1' elevation, section and plan of centre coupling Endorsed: not carried out but draw pins to be 2" diameter	6.11.07	1907	31		P-C	35	3
16248	GER-Cambridge-Proposed Alteration to Loco Sidings	1" to 20' layout of loco sidings showing proposed new turntable	- .10.07	1907	31	-	PB-C	20	3
16254	Sketch showing Rim of Low Floored Ballast Wagon Wheel	Full size section My comment: too fragile to examine	31.10.07	1907	31	-	PB	20	4
16261	Cylindrical Tank 17' 4" x 5' 7½"	Sketch of tank Copy of Chas Roberts Dg No V2 dated 31.10.07	7.11.07	1907	31	-	PT	10	1
16262	Special Manhole & Fittings-Spencer Chapman	3" to 1' elevation, section and plan of manholes Copy of C. Roberts Dg No 208 dated 29.11.04	11.04	1904	31	-	PT	31	1
16263	GER Lowestoft-Plan showing Proposed Siding to Corporation Electric Light Works	44' to 1" plan of siding with headshunt, crossing Denmark Road into Corporation Electric Light Works Copy of Engineers Plan No 25905A dated 21.10 My comment: too fragile to examine	7.11.07	1907	31		PB	38	4
16289	Private Owners 10 Ton Tank Wagons for Conveying Class A Inflammable Liquids with Standard 15 Ton Steel or Iron Underframe	¾" to 1' elevations and ½" to 1' plan of 18' steel framed wagon Copy of LNWR Dg No 100 dated 1907	14.10.07	1907	31		BP	38	1
16292	GER-Part Plan of Loco Yard and Shops at	1" to 33' plan of shed area	11.07	1907	31		PT	22	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16295	Cambridge	Copy of SDO Dg No 3220 Part	11.11.07	1907	31	-	TI	22	3
16308	Proposed Method of Strengthening Solebars of 20 Tons Coal Wagon fitted with McCord's Frictional Bearing Springs	Full size elevation and section of solebar strengthening	12.07	1907	31	-	TI-C	32	3
16309	Proposed Alternative Method of Strengthening Solebars of 20 Tons Coal Wagon fitted with McCord's Frictional Bearing Springs	Full size elevation and section of solebar strengthening	16.12.07	1907	31	-	TI-C	32	3
16320	NER Auto Rail Motor Carriages	¾" to 1' arrangement of electric auto carriage No 3171 My comment: too fragile to examine	16.3.04	1904	31	-	BP	31	4
16324	LNWR-Private Owners 10 Ton Tank Wagons for Conveying Class A Flammable Liquids with Standard 15 Ton Steel or Iron Underframe	¾" to 1' elevations and half plan of 17' 8" tank wagon with attached drawing of siphon cock	31.12.07	1907	31		BP	50	1
16325	GER Cambridge-Proposed Alterations to Permanent Way to Suit Engine Shed	1" to 16' plan showing proposed alterations Copy of Engineer's Dg No 33905 My comment: too fragile to examine	31.12.07	1907	31	M18	TI-C	11	4
16329	GER-Yarmouth Tramway	1/2500 plan of tramway from Vauxhall showing ownerships	7.1.08	1908	31	-	P-C	13	3
16357	GER-Single Bolster Wagon, Covered Goods Wagon and Cattle Wagon-Proposed Alterations to End Framing	1½" to 1' elevation and plan showing alteration My comment: too fragile to examine	12.8.07	1907	-	-	TI	32	4
16364 Att	GER-Brass Fittings for 3 Feed Lubricators	Full size sections of connections and nipples Copy of C.C. Wakefield & Co drawing	29.11.09	1909	31	-	BP	32	1
16372	GWR-Arrangement of Tubes-Improved Boiler No 2 and No 3 Standard Boilers	3" to 1' elevations and sections of tube arrangement Copy of GWR Dg No 21057 dated 22.7.05 My comment: too fragile to examine	22.7.05	1905	31		PB	38	4
16375	Simms Bosch Magneto Type K4	Full size elevations and plans of magneto Copy of Simms Dg No 1405	24.2.08	1908	31	-	BP	31	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16375 Att	Sketch of Bosch Low Tension Magneto Sparking Plug K4 Type	Full size elevations of plug	24.2.08	1908	31	-	CI	31	1
16377	Bogie Four Coupled Express Engines S46 Class-Sketch of Whitaker's Tablet Exchange	1½" to 1' elevations of apparatus My comment: too fragile to examine	2.08	1908	31	-	TI	31	4
16379	GER Cambridge-Site of Building for Post Office	1" to 44' plan of Station Road area	21.7.08	1908	31	-	P-C	10	2
16385	Sargent's Patent Brake Block & Shoe	Full size elevations and plan of block Copy of Taite & Carleton Dg No 397 dated 23.6.04	2.3.08	1908	31	-	BP	10	1
16386		Copy of G.T. Moore drawing My comment: too fragile to examine	-		No number		TI-C	18	4
16389	GER-Proposed Hatchway in Roof of Covered Goods Wagon	1½" to 1' elevations and plan showing two schemes for a single and double hatches in roof over side doors	3.08	1908	31		TI-C	48	2
16396	Steel Tubes 13swg Thick	¼" to 1' elevation of 12'4" long tube Endorsed: copy sent to Howell's, Sheffield 5.08	- .5.08	1908	31	-	P	31	2
16405	MR-Proposed Suction Pipe for Petrol Tank Wagons	Full size elevations and sections of pipe and instructions for use Copy of MR Dg No C354/07 dated 8.10.07	18.10.07	1907	31		BP	38	1
16412 Part	GER-Proposed Alteration to Injector Delivery Pipes-Engines Type D13	1½" to 1' side elevation and plan of splashers showing pipework	No date	-	31	-	BP	19	1
16423	Nussbaum's Atomiser for Liquid Fuel	Unscaled details of fittings required for a single burner with one steam hole and single burner with 3 steam holes	7.4.08	1908	31		P-C	37	1
16435	GER Cambridge - Proposed Alterations	1" to 66' plan of station area Copy of Engrs Dg No A14424 part of Dg No A12985 scheme 6	20.2.08	1908	31		P-C	35	3
16451	GWR-Arrangement of Copper Stays Improved Standard Boiler No 2 195 lb sq in	1½" to 1' details of stays Copy of GWR Dg No 20986 dated 19.7.05 My comment: too fragile to examine	19.7.05	1905	31	-	PB	20	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16452	GWR-Arrangement of Tubes in No 4 Standard Boiler	3" to 1' elevation and section of firebox Copy of GWR drawing	19.7.05	1905	31	-	BP	20	4
16453	GWR-Engines-Arrangement of Improved Standard Boiler No 2 fitted with Direct Stays (Belpaire) Diameter 4'5" (Working Pressure 195 Lbs)	1½" to 1' arrangement Copy of GWR Dg No 20896 dated 19.7.05 My comment: too fragile to examine	- .7.05	1905	31	-	PB	10	4
16454	GWR Engines-Arrangement of Standard Boiler No 4 fitted with Direct Stays (Belpaire) Diameter 4; 10 ¾" 200 lbs	1 ½" to 1' elevations and section of boiler Copy of GWR Dg No 19655 dated 19.7.05 My comment: too fragile to examine	19.7.05	1905	31	-	P	41	4
16461	Monarch Patent Block Adjuster for GER 10 Ton High Sided Wagon	Full size details of apparatus Copy of Monarch Door Controller Co Dg No 257 dated 25.3.08 My comment: also a tracing paper copy	11.5.08	1908	32	-	BP	7	1
16462	Monarch Patent Block Adjuster for GER 10 Ton High Sided Wagon	3" to 1' elevations and plan of apparatus Copy of Monarch Door Controller Co Dg No 258 dated 26.3.08	11.5.08	1908	32	-	BP	7	1
16469	Proposed Buffer Spring-Private Owners Wagons	3" to 1' elevation, section and plan of 19 plate spring; 2 copies and specification Copy of GWR Dg No 35415 dated 25.2.08	19.5.08	1908	32	-	BP	9	1
16470	Private Owners' Wagons-Proposed Buffing Spring & Buckle for 8, 10 and 12 Ton Wagons Private Owners' Wagons-Proposed Buffing Spring & Buckle for 15, 20 and 30 Ton Wagons	3" to 1' elevation and section of 14 plate spring 5' 10½" when straight Copy of Midland RC&W Co Dg No D.138 24.3.08 3" to 1' elevation and section of 16 plate spring 5' 10½" when straight	19.5.08	1908	32	-	BP	18	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of Midland RC&W Co Dg No D.139 24.3.08							
16471	L&NWR-Proposed Buffing Spring for Private Owners Wagons	3" to 1' elevations and section of 13 plate spring Cpy of LNWR Dg No 481	19.5.08	1908	32	-	BP	7	1
16472	GWR-Proposed Centre Draw Gear-Private Owners Wagons	3" to 1' plans of two cradles Copy of GWR Dg No 35501 dated 7.3.08	19.5.08	1908	32	-	BP	9	1
16473	GWR-Proposed Buffing Spring Protection Plate-Private Owners Wagons	¾" to 1' sections, elevations and plan of buffing gear on steel and wood framed wagons showing position of plate to prevent springs from dropping Copy of GWR Dg No 35536 dated 3.08	11.3.08	1908	32	-	BP	29	2
16474	Proposed Buffing Spring for P.O. Wagons	3" to 1' elevation and section of 19 plate spring 5' 10½" straight Copy of L&YR Dg No 6703 20.3.08	19.5.08	1908	32	-	BP	18	2
16478	GER-Proposed Position of Bridge over Curve between New Iron Foundry and Carriage Extension Repair Shop-Stratford	1/8" to 1' plan showing two alternative positions for a footbridge Copy of SDO Dg No 4235	- .12.11	1911	32	-	P-C	18	2
16488	GER-Proposed Bearing Springs & Gear for Ballast Brakes X64 Class	1 ½" to 1' elevation showing spring gear Endorsed: 5 brake built	5.08	1908	32	-	P-C	43	1
16492	GER-Proposed Cover for Egg Wagons	¾" to 1' elevation, section and plan of wagon showing arc roof with centre section covered by a tarpaulin	24.6.08	1908	32	-	TI-C	7	2
16514	Engine Tablet Apparatus	Full size details of components Copy of GNSR Dg No 84/3379 dated 29.5.00	13.7.08	1908	32	-	BP	21	2
16515	GNSR-Leather Tablet Pouch	Full size elevation, section and plan of pouch Copy of GNSR Dg No 84/2286 dated 14.10.98	13.7.08	1908	32	-	BP	9	2
16516	GNSR-Tablet Apparatus Details	Full size elevations, sections and plan of components Copy of GNSR Dg No 84/1714 dated 29.5.06	29.5.06	1906	32	-	BP	29	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16517	GNSR Tablet Catchers	Full size details of components Copy of GNSR Dg No 84/1713 (2 parts)	14.10.94	1894	32	-	BP	17	4
16518	GNSR-Tablet Exchanger	1½" to 1' elevations and plan of exchanger Copy of GNSR Dg No 84/1904 dated	17.4.96	1896	32	-	BP	29	2
16531	GER-Covered Goods Wagons-Monarch Patent Automatic Block Adjuster	Full size elevations of adjuster Copy of Monarch Door controller Co Dg No 283 dated 25.6.08	11.8.08	1908	32	-	BP	9	1
16562	GER-Cylinders 17½" x 24" Isaacson's Link Motion-Patented	3" to 1' elevations and plan of motion Copy of Manning, Wardle Dg No U.87 dated 26.6.08	4.1.09	1909	32	-	BP	9	1
16563	GER-Position of Eccentrics	Full size elevation of eccentrics Copy of Manning, Wardle Dg No U.90 dated 13.7.08	4.1.09	1909	32	-	BP	9	1
16574	GER-Sketch showing Proposed End Doors on Inspection Truck	1" to 1' elevation and plan of doors on 6 wheel truck	28.8.08	1908	32	-	TI-C	9	2
16583	GWR-Pin & Cotter for Push Rods (Tumbler End) for PO Wagons	Full size elevations of push rods Copy of GWR Dg No 36498 and 36498A 1.7.08	5.10.08	1908	32	-	BP	17	2
16601	GER-Bury St. Edmunds-2 Garage Lamp Standards	Sketch of timber frame to support lamp	16.11.08	1908	32	-	P	9	1
16603	Petrol Electric Railway Passenger Train Motor Coach	½" to 1' elevations and plan of bogie railcar Copy of British Westinghouse Electric Co Dg No A212307	10.2.08	1908	32	-	BP	17	1
16606	GER 17 Ft 10 Ton High Sided Wagon-Proposed Liner between Solebar and Floorboards	1½" to 1' part plan and section of floor area	9.11.08	1908	32	-	TI-C	17	2
16622 Part	LNER-Water Gauge Column Top	Full size elevation of component	19.6.29	1929	32	-	P	28	2
16623	Proposed Four Coupled Radial Tank Engine Y65 Class	1½" to 1' sketch showing arrangement of proposed engine My comment: too fragile to examine	- .11.08	1908	32	-	TI-C	17	3
16703	Central London Railway-Motor Car Carriage to seat 42, 52 & 48 passengers	½" to 1' elevations of 3 cars 45'6" over platforms: 1. old style to seat 48 passengers	- .4.03	1903	32	-	PT	9	1

Bench Hole Copies Drawings Lis

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Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16738	Wakefield's Patent Mechanical Locomotive Lubricator Wakefield's No 1 Pattern Lubricator- Method of Fixing and Driving	Full size elevations and sections of lubricator Copy of Wakefield drawing Full size elevation of arrangement	23.8.09	1909	32	-	BP	9	2
16749	Combined Separator & Superheater Bogie Express Engines	3" to 1' arrangement shown in smokebox Copy of Superheater Co drawing	11.1.09	1909	32	-	BP	18	2
16750	Combined Superheater & Separator-Smoke Box T Piece GER Engines	Full size section and plan of components Copy of Superheater Co Dg No 2A dated 11.1.09	11.1.09	1909	32	-	BP	28	2
16751	NER-Adjustable Gauge for Axle Boxes	6" to 1' elevations of gauge Copy of NER Dg No 5774 14.6.07	11.1.09	1909	32	-	P	18	3
16752	Gauges for Fittings of 9"x 4½" Journal-Oil Axlebox for Private Owners Wagons	6" to 1' details of 5 gauges Copy of NER Dg No 6653 14.6.07	11.1.09	1909	32	-	P	18	2
16753	Private Owners Wagons-Oil Axlebox for 9" x 4½" Journals Copy of NER Dg No 6645 14.6.07	6" to 1' elevations, sections and plans of axlebox Copy of NER Dg No 6645 14.6.07	11.1.09	1909	32	-	P	7	3
16754	Private Owners Wagons-Oil Axlebox for 20 Tons Coal Wagons with 10" x 5" Journals	Full size elevations, sections and plan of axlebox Copy of NER Dg No 5827 dated 14.7.07	11.1.09	1909	32	-	P	7	3
16755	12 Ton Acid Tank Wagon	1" to 1' general arrangement of 16'3" wagon with cylindrical tank Copy of Chas Roberts Dg No F.53 dated 5.1.09 'no buyer'	11.1.09	1909	32	-	BP	9	2
16756	15' 0" x 4' 3" Tank Wagon	1" to 1' general arrangement of 15'3" wood framed cylindrical tank wagon Copy of C. Roberts Dg No F51 5.1.09	11.1.09	1909	32	-	BP	17	2
16769	GER-McCord's Patent Spring Damper for a 10 Ton Steel Wagon	Full size elevations of damper Copy of Taite & Carlton Dg No 710 30.1.09	30.1.09	1909	32	-	BP	17	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16775	GER-General Arrangement of Liquid Fuel Apparatus on Four-coupled Express Engine- Holden's Patent System	¾" to 1' sectional elevations and plan of 4-4-0 engine showing apparatus Copy of Dg No 434LF	- .6.11	1911	32	-	P-C	17	3
16777	GER-Sketch of Hydraulic Valve etc. for 50ft. Turntable	1½" to 1' elevation and plan of valve Copy of SDO Dg No 3500	- .2.09	1909	32	-	TI-C	17	3
16785	Outside Views of Vacuum Accelerator Outside View of Accelerator Reservoir for Westinghouse Brake Apparatus Outside View of Accelerator Reservoir for Westinghouse Brake Apparatus	Full size elevations of component Copy of Westinghouse Brake Co Dg No 39072 dated 23.2.09 Full size elevation of reservoir 10¼" diameter 1' 1½"long Copy of Westinghouse Brake Co Dg No 39074 dated 25.2.09 Full size elevation of reservoir 10¼" diameter 1'4 ¾"long Copy of Westinghouse Brake Co Dg No 39071 dated 23.2.09	25.2.09	1909	32	-	BP	29	1
16791	GER-Emergency Coupling for Suburban Carriages	Full size elevations and plan of coupling Endorsed: see new drawing, same number 19.3.09	18.3.09	1909	32	-	P-C	29	2
16795	GER-4 Wheels Coupled Bogie Express Engines-Installation of a Speed Indicator & Recorder-Flaman System-General Plan	1½" to 1' part elevation and plan of engine showing equipment Copy of Flaman Dg No 113	29.5.08	1908	32	-	BP	29	2
16796	MR-Four Coupled Express Engines-Installation of Speed Recording Indicator (Flaman System)	1½" to 1' arrangement of gear on engine Copy of NER Dg No 6645 14.6.07	25.9.08	1908	32	-	P	7	3
16797	MR-Locomotives à 2 essence accomple's à zones de 1m.993 (6'-6½")-Installation d'un Indicateur Enregistrene de Vitesse "Système Flaman"	1/8 scale elevation and plan showing position of apparatus in engine cab and on trailing wheel	2.2.09	1909	32	-	P	29	2
16798	Eastern Railway of France-Installation of Speed Recording Indicator (Flaman System)-	1½" to 1' details of components Too fragile to open	25.9.08	1908	32	-	TI	29	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16801	GER-Diagram of Proposed Brake Composite Carriage	3/8" to 1' interior plan of 50' carriage-Bk/Lav/1/1/3/3/3/Lav with single corridor connection	17.4.09	1909	32	-	P	10	2
16801	GER-Diagrams of Proposed Corridor Brake Composite Carriage	3/8" to 1' interior plans of 4 schemes for 50'0" carriages with lavatories	5.3.09	1909	32	-	PT-C	29	1
16814	GER Stratford-Mechanics Institute-Proposed Ceiling to Roof	1/8" to 1' section through roof trusses showing position of ceiling and alternative scheme Copy of Engrs Dg dated 24.2.09	29.3.09	1909	32	-	PT	29	1
16826	LNWR-Diagram of Suburban Main Line Carriages, for which Dimensions, Weight & Class of Vehicles are Required to be filled in	1/8" to 1' outline diagrams of 4 carriage types and table Copy of LNWR Dg No 38/10259 dated 27.4.09	3.5.09	1909	32	-	PT	28	1
16830	GER-Profiles of LNW Worn Wagon Tyres compared with LNW Standard Tyre Section	Full size profiles of 7 tyres	- .4.09	1909	32	-	CI	29	1
16839	GNR(I)-6 Wheeled Carriage Bogie-Fox's Patent Pressed Steel Frames	1½" to 1' elevations, sections and plan of 12' wheelbase bogie Copy of GNR(I) Dg No 45A 2.96	3.5.09	1909	32	-	BP	18	2
16845	GER-Profiles of Tyres of GE wagon No 9615 Compared with GE Standard Tyre Section	Full size sections of tyre	17.5.09	1909	32	-	CI	9	2
16846	GER-Proposal for Increasing Clearance between Bogie Bolster & Frame	3" to 1' sketches of 3 sections	- .4.09	1909	32	-	TI-C	7	2
16847	36 Ton Steam Breakdown Crane-Ransomes & Rapier	¼" to 1' diagram of 4-6-0 crane and bogie runner and details of working loads Copy of Ransomes & Rapier Dg No 23122 dated 12.5.09	24.5.09	1909	32	-	BP	7	1
16860	Ground Loading Gauges of Various Railways	½" to 1' diagrams for 16 railways Endorsed: see also Dg No 16930 23.10.09	24.6.09	1909	32	-	PT	29	1
16865	NER-Steel Underframe 17'0" over Headstocks	1½" to 1' elevations, sections and plan of steel underframe Copy of NER Dg No 6723 dated 27.7.09	5.10.09	1909	32	-	BP	7	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16930	Ground Loading Gauges of Various Railways	½" to 1' sections showing gauges immediately above rail level for 28 home railways	30.10.99	1899	33	-	PT	3	2
16940	McCord's Patent Spring Damper	Full size details showing proposed alteration	3.11.09	1909	33	-	P	16	2
16942	GER-20 Ton Goods Brakes Wheel (fitted with Gibson Ring) and Axle	¼", ½" to 1' and full size details of fittings for 9 spoke wheel My comment: for S67 order for 25 sets	- .2.10	1910	33	-	P-C	13	2
16943 -1	GER-Engines Type D15-Firebars	Full size elevations and plans of 2 types of firebar	- .7.34	1934	33	-	P	3	2
16949	GER-Sketch showing Fracture of Buffer Guide on Cory & Sons Wagon No 9045	Full size sketch of fractured guide	15.11.09	19109	33	-	CP	16	2
16958	GER-Bishops Stortford-Sketch shewing the Clearance between the Branch Line and the Up Main Line and the Branch Line and the Engine Road	Unscaled sketch with dimensions between lines	24.11.09	1909	33	-	P	16	2
16963	L&NWR-Load Gauge –June 1909	½" to 1' profile with dimensions Copy of LNWR drawing	20.7.09	1909	33	-	PL	18	2
16966	Wakefield's Patent Three-feed Lubricator with Automatic Auxiliary Feeds-1 Quart Size	Full size elevations and plan of lubricator Copy of Wakefield Dg No CL157	- .1.09	1909	33	-	BP	16	2
16975 Part	GER-Four Wheels Coupled Radial Tank Engines, Y65 Class-Experimental Chimney	3" to 1' sectional elevations and plan of hood	- .2.10	1910	33	-	P	16	3
16977	MR-Standard Vacuum Brake Hose Coupling	Full size elevation and plan of coupling Copy of Midland Railway Dg No 27 RCH 11.12.09	7.2.12	1912	33	-	PT	3	2
16979	GER-Detachable Weather Plate for Tenders	1½" to 1' elevation and plan of weather plate	- .1.10	1910	33	-	TI-C	3	3
16979 -2	GER-Detachable Weather Plate for Tenders	1½" to 1' elevation and plan of weather plate-Scheme 1	- .1.10	1910	33	-	P	3	2
16980	LNWR-Six Wheeled Vehicles-Longest Wheelbases & Side Play in Axleboxes-LNWR	Diagrammatic outline side elevation of 6 wheel 34'10" carriage showing play in axleboxes Copy of LNWR Dg No 10738 21.1.10	7.2.10	1910	33	-	PT	3	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
16982	GER-Proposed Alteration to Luggage Box Trucks to Enable both 11'6" & 12'0" Boxes to be Placed Thereon	6" to 1' details of alterations to box securing chains	26.1.10	1910	33	-	TI-C	3	2
16983	GER-Four Wheels Coupled Tank Engines Y65 Class- Experimental Blast Pipe	Full size elevations and sections of blast pipe			33	-	P	18	4
17013	GCR-Covered Carriage Truck	1" to 1' general arrangement of 45'0" bogie covered carriage truck Copy of GCR Dg No 3798 25.5.10	25.5.10	1910	33	-	BP	16	3
17019	GER-Proposed Alteration to No.11 Supper Saloon	¼" to 1' interior plan of saloon Endorsed: see min of meeting in WH Hyde's room 29.11.09	24.8.10	1910	33	-	PT	10	3
17021	SE&CR Ground Gauge	1" to 1' dimensioned profile for platform level and below Copy of SECR Dg No 1600 13.7.09	-	1900	33	-	P	21	2
17022	NSR-Maximum Load Gauge	3" to 1' profile Copy of NSR Dg No 1697 dated 5.7.09	1.11.09	1909	33	-	BP	10	2
17023	Taff Vale Rly-Maximum Load & Minimum Structure Gauge	1½ to 1' profile of gauge Copy of TVR drawing	21.7.09	1909	33	-	BP	6	2
17024	H&BR-Loading Gauge	1" to 1' profile with dimensions Copy of H&BR drawing dated 6.7.09	6.7.09	1909	33	-	PT	16	2
17025	Highland Rly-Construction and Load Gauge	1" to 1' profiles of two gauges Copy of Highland Railway Dg No 1923A & B	6.7.09	1909	33	-	BP	1	1
17026	Maryport & Carlisle Rly-Loading Gauge	1" to 1' profile of gauge Copy of Maryport & Carlisle Rly Dg No 1908	6.7.09	1909	33	-	PT	1	1
17027	Port Talbot Railway & Docks Co.-Maximum Load & Minimum Structure Gauges	½" to 1' profile with dimensions Copy of PTR Dg No 654 5.7.09	5.7.09	1909	33	-	BP	15	2
17028	GNR-Diagram of Loading Gauge and Maximum Rolling Stock	1" to 1' profile of gauge Copy of GNR Dg No 16ZZ	5.7.09	1909	33	-	P-C	1	2
17029	GNR-Construction and Loading Gauge	1" to 1' profile of gauge Copy of GNR Dg No 15ZZ	5.7.09	1909	33	-	BP	1	1
17030	GNSR-Load Gauge	1" to 1' profile Copy of GNSR drawing dated 5.10.08	11.11.09	1909	33	-	BP	10	2
17031	G&SWR-Load Gauge	Unscaled profile of gauge	1.11.09	1909	33	-	PT	6	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17032	North London Rly-Loading Gauge	1" to 2' profile with dimensions Copy of NLR Dg No 4836 14.9.08	27.6.09	1909	33	-	P	16	2
17033	Metropolitan Rly-Loading Gauge	½" to 1' profile for 3 sections of the system Copy of MR Dg No 2.03	1.11.09	1909	33	-	BP	18	2
17034	L&NWR-Diagram of Loading Gauge	½" to 1' profile of gauge Copy of LNWR drawing dated 15.7.09	15.7.09	1909	33	-	TI-C	6	1
17035	LSWR-Construction Gauge	1" to 1' profile with dimensions Copy of LSWR drawing dated 3.7.09	1.4.09	1909	33	-	BP	18	2
17036	GCR-Load Gauge	1" to 1' profile with dimensions Copy of GCR drawing			33	-	BP	18	2
17037	L&YR-Standard Structure Gauge	½" to 1' profile with dimensions Copy of LYR Dg No B2 7.7.09			33	-	P	18	2
17038	Furness Rly-Construction Gauge	1" to 1' profile with dimensions Copy of FR Dg No 7505 25.9.08	1.11.09	1909	33	-	BP	18	2
17039	North British Rly-Clearing House Load Line	½" to 1' profile with dimensions Copy of NBR Dg No G375/1 5.7.09	1.11.09	1909	33	-	BP	16	2
17040	GWR-Load & Structure	1" to 1' profile for old and new works Copy of GWR Dg No 37051 6.7.09	1.11.09	1909	33	-	BP	16	1
17041	NER-Standard Load Gauge	1" to 2' profile with dimensions Copy of NER Dg No 5/02	5.7.09	1909	33	-	Litho	13	3
17042	LB&SCR-Construction Gauge	1" to 1' profile with dimensions Copy of LB&SCR Dg No 3783 6.7.09	6.7.09	1909	33	-	P	13	2
17043	Caledonian Railway-Standard Structure & Loading Gauges	½" to 1' profile with dimensions Copy of CR Dg dated 1902	1.1.1.09	1909	33	-	BP	15	1
17044	LT&SR-Loading & Construction Gauge	¾" to 1' profile with dimensions Copy of LTSR drawing 28.8.07	7.7.09	1909	33	-	BP	13	1
17045	Rhymney Rly-Maximum Load Gauge	¾" to 1' profile with dimensions Copy of RR drawing dated 29.4.07	1.11.09	1909	33	-	BP	18	2
17047	Cambrian Railways-Load Gauges	¾" to 1' profiles for 3 sections of the system with dimensions Copy of CR drawing dated 2.7.09	1.11.09	1909	33	-	P	18	2
17059	Test of Complete Screw Coupling with D Shackle & Pin manufactured from Firth's Special Nickel Chrome Steel	Plan of coupling with table of test results Copy of Thos Firth & Sons Dg dated 26.9.09	26.6.11	1911	33	-	BP	20	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17060	GER-Proposed Horse Box with 13' 6" Wheelbase	¾" to 1' outline elevations and plan of 20' 2" box	7.1.10	1910	33	-	P-C	18	2
17063-3	GER-Proposed 1 st Class Carriage	3/8" to 1' interior plan of 50' corridor 6 compartment carriage with a lavatory at	7.12.09	1909	33	-	P-C	18	2
17067	GER-Proposed Luggage Brake Van for Continental Train	3/8" to 1' interior plan of 50' brake with 3 compartments Endorsed: no windows to these doors, i.e. to the two luggage compartments	23.11.09	1909	33	-	P-C	18	2
17074	GER-Reversing Lever for Goods Engine	Full size elevation and plan of lever	26.1.10	1910	33	-	PB	3	1
17077	GER-Diagrams of Large Continental Luggage Boxes	1" to 1' elevations of 12'0" x 7'3" box	25.1.10	1910	33	-	TI-C	16	3
17078	GER-Diagram showing Proposed Position & Direction of Rollers on Continental Luggage Boxes	1" to 1' elevations of 11'4" x 7'3" box	- .1.10	1910	33	-	P	16	2
17080	Diagram of Holland Rly Van for Carrying GER Continental Luggage Boxes	1/50 elevation of Dutch Railways bogie wagon 16.99m over all to carry two boxes on one half the rest covered	4.2.10	1910	33	-	PT	16	1
17083-14	GER-Diagram of Bogie Suburban Train	1/16" to 1' interior plan of 8 coach bogie train showing 2 versions of suggested	13.1.11	1911	33	-	P-C	16	2
17087-5	GER-Diagram of Proposed Restaurant Cars	3/8" interior plan of 50' 1 st /kitchen and composite diner	- .10.10	1910	33	-	P-C	3	3
17091	Bombay-Poona Vestibuled Mail Train-Great Indian Peninsular Railway	1/8" to 1' elevation and plan of 6 carriage train and interiors Copy of GIPR drawing 25.5.05	9.5.10	1910	33	-	BP	3	2
17092	GER-Proposed 34' 6" Main Line Brake Van	1½" to 1' interior plan of 34'6" brake van with luggage compartment	17.5.10	1910	33	-	P-C	3	1
17096	GER-Leyton-Proposed Up Reception Siding	1" to 88' plan of line between Loughton Jn and Leyton showing additional siding on up side Copy of Engineers Dg No 29100 Scheme 2	31.5.10	1910	33	-	P-C	3	2
17097	GWR-Arrangement of Brakes-10 Ton Wagons	1½" to 1' elevations and plan of 16' underframe fitted with the Vacuum brake Copy of GWR Dg No 31662 29.4.10	31.5.10	1910	33	-	BP	18	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17098	GWR-Brake Details-10 Ton Wagons	1" to 1' details of numerous components Copy of GWR Dg No 31633 9.11.06	31.5.10	1910	33	-	BP	3	2
17099	GWR-Arrangement of Brake on Standard 10 Ton Wagon	1½" to 1' elevations and plan of brake gear shown on 16' steel frame with 9' wheelbase Copy of GWR Dg No 19514A 2.02	31.5.10	1910	33	-	BP	3	2
17100	GWR-Brake Details for Standard 10 Ton Wagon	3" to 1' details of numerous components Copy of GWR Dg No 30398 4.06	31.5.10	1910	33	-	BP	3	2
17107	GWR-Self Contained Buffer	Full size elevation and section of self contained buffer Copy of GWR Dg No 39321 2.6.10	18.7.10	1910	33	-	BP	18	2
17108	GWR-10 Ton Covered Goods Wagon	1½" to 1' general arrangement of 16' covered goods wagon Copy of GWR Dg No 31392 10.06	2.6.10	1910	33	-	BP	16	2
17109	GWR-10 Ton Open Goods Wagon	1½" general arrangement of 16' steel framed open wagon with 5 planks Copy of GWR Dg No 39501 2.6.10	18.7.10	1910	33	-	BP	18	2
17111	GER-Proposed Brake 3 rd Class Carriage	3/8" to 1' interior plan of 50' 3 compartment brake third with collapsible gates along corridor	12.8.10	1910	33	-	P-C	18	2
17113	Wakefield's Patent Mechanical Lubricator No 1 Pattern, Capacity 1 Quart, 2 Feeds with Separate Adjustment for Each Feed	Full size elevations and sections of lubricator Copy of C.C. Wakefield Dg No L154	8.10.10	1910	33	-	P-C	18	2
17114	Bromley, Fisher & Turton's Patent Buffer Pattern No F.3.C George Turton's Patent Buffer for Converting Dead Buffer Wagons	6" to 1' section of self contained buffer Two plans of dumb buffer frame showing application of buffers and a printed extract from a publication mounted on plan	24.8.10	1910	33	-	BP	6	2
17115	GWR-Wallace's Patent Drawspring	Full size elevation and section of spring	29.5.94	1894	33	-	BP	16	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of GWR drawing dated 29.5.94							
17116	Heald & Wentworth's Improved Drawbar Spring & Safety Strap	6" to 1' sections of components	24.8.10	1910	33	-	P	13	2
17117	Improved Self Contained Buffer for the Conversion of Dead Buffered Wagons & other Vehicles	Full size section of buffer Copy of Ince Wagon Co drawing dated 5.10	24.8.10	1910	33	-	BP	18	2
17118	No details	My comment: too fragile to examine	24.8.10	1910	33	-	PB-C	20	4
17119	60' 1 st Class Dining Carriage	1" to 1' My comment: too fragile to examine	24.8.10	1910	33	-	BP	10	4
17120	GWR-3000 Gallon Tank Wagon	1½" to 1' general arrangement of 20' rectangular tank wagon Copy of GWR Dg No 11371 29.5.94	24.8.10	1910	33	-	BP	16	2
17121	GNR-Position of Westinghouse Brake, Vacuum Brake & Steam Heating Pipes on Vestibule Stock	1½" to 1' elevations and plan of brake gear Copy of GNR Dg No 195x dated 9.5.10	9.5.10	1910	33	-	P	10	2
17122	GNR-Twin Bogie Composite Carriage	No details My comment: too fragile to examine	-	-	33	-	P	6	3
17123	GNR-Proposed New Train of Twin Bogie Carriages	1/8" to 1' interior plan of 8 coach train Copy of GNR Dg No 1089 9.5.10	24.8.10	1910	33	-	P	18	2
17124	GNR-Twin Composite Carriage	½" to 1' elevation and interior plan of 43'4½" twin carriages Copy of GNR Dg No 1118 4.5.10	24.8.10	1910	33	-	P	16	2
17125	GNR-51' 0" Steel Underframe for Non-vestibule Stock	1½" to 1' elevations, sections and plan of underframe Copy of GNR Dg No 844 9.5.10	24.8.10	1910	33	-	P	18	2
17126	LNWR-6' 6" Four Coupled Passenger Engine "Precursor" Class-General Arrangement of	3" to 1' sectional plans Copy of L&Y drawing dated 19.7.07	24.8.10	1910	33	-	P-C	20	2
17127	L&YR-4 Cylinder Passenger Train Engine 4-6-0 Class-Firebar Bearer & Carriers	Full size elevation of assembly and details of components Copy of LYR Dg No 10167 dated 15.11.09	24.8.10	1910	33	-	P-C	20	2
17128	(untitled) GCR	3" to 1' elevations and plans of GCR ashpan Copy of GCR Dg No 4948 dated 15.11.09	24.8.10	1910	33	-	BP	20	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17129	GNR-Ashpan, Firebars etc for Boiler with Barrel 4' 8" Dia, Firebox 6' 4" x 4' 0½"	3" to 1' elevation, section and plan of ashpan and 6" to 1' details of firebars Copy of GNR Dg No 144X 24.11.09	24.11.09	1909	33	-	BP	19	2
17130	LSWR-Firebars & Carriers, Cast Iron-18½" x 26" Goods Engines	3" to 1' elevations and plans of assembly Copy of LSWR Dg No 7306 Part 15.11.09	15.11.09	1909	33	-	BP	19	2
17131	Midland Rly-Firebar Arrangement	3" to 1' elevation and plan of firebars in firebox Copy of MR Dg No S-961 18.11.09	24.8.10	1910	33	-	PB	16	2
17132	NER-Standard Firebars	3" to 1' elevations and plan of firebars Copy of NER drawing dated 17.11.09	17.11.09	1909	33	-	BP	19	1
17133	NER-Axlebox for Horse Box	Full size elevations, sections and plan of oil axlebox for 4" x 8" journals Copy of NER Dg No 5981 12.6.06	12.6.06	1906	33	-	BP	19	2
17134	Eitherside Brake Arrangement for Goods or Mineral Stock	1½" to 1' elevations, plans and sections of brake and alternative fittings Drawing signed by C. Hurry Riches 23.4.00	25.8.10	1910	33	-	BP	20	1
17135	Wall's Patent 3 Glass Protector to Suit Lubricators	Full size elevation and plan of protector (2 copies) Copy of Dewrance drawing dated 4.4.05	4.4.05	1905	33	-	BP	19	2
17136	Dewrance's Treble Glass Lubricator for Locomotives-4 Pint Size-Bronze	Full size elevations of lubricator Copy of Dewrance drawing	- .11.07	1907	33	-	BP	1	2
17138	Cell Accumulator Box and Fittings with Inspection Door	3" to 1' elevations, sections and plan of box and full size details of fittings Copy of J. Stone Dg No 3246/983 dated 4.8.10	2.9.10	1910	33	-	PB	20	2
17141	Double Sight Feed Lubricator-1 Pint Size	Full size elevations and sections of lubricator Copy of J. Stone Dg No 14722 dated 23.9.07	19.9.10	1910	33	-	BP	20	2
17142	Treble Sight Feed Lubricator 2 Pint Size	Full size elevations and sections of lubricator	19.9.10	1910	33	-	BP	20	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17142	Wakefield's Patent Three-feed Lubricator-2 Pint Size	Copy of J. Stone Dg No 14658 dated 23.9.07	19.9.10	1910	33	-	BP	20	2
17143	Wakefield's Patent Three-feed Lubricator with Automatic Auxiliary Feed-3 Pint Size	Full size elevations and section of lubricator Copy of C.C. Wakefield drawing dated 2.10.07	2.10.07	1907	33	-	BP	20	2
17144	Dewrance's Double Sight Feed System Steam Jet Lubricator for Locomotives 1 Pint Size	Full size elevations and plans of bronze lubricator Copy of Dewrance Dg No 23118 dated 14.2.05	28.9.07	1907	33	-	P	20	2
17145	Wakefield's Patent Double Sight-feed Lubricator with Automatic Auxiliary Feed-1 Pint Size	Full size elevations and sections of lubricator Copy of C.C. Wakefield drawing undated	19.9.10	1910	33	-	P	20	2
17146	GER-Wiring Diagram of Heating Equipment on First Class Saloon No 48	Unscaled drawing of wiring and equipment Copy of J. Stone Dg No 3577/1003 15.8.10	18.8.10	1910	33	-	P-C	16	3
17193-1	GER-Proposed Alteration to Royal Saloon No.31	3/8" to 1' interior plan of 41'0" carriage	16.10.10	1910	33	-	PT	16	1
17193-2	GER-Proposed Alteration to Royal Saloon No.31	3/8" to 1' interior plan of 41'0" saloon with side corridor and gangways	2.1.11	1911	33	-	PT	20	1
17193-3	GER-Proposed Alteration to Royal Saloon No.31	3/8" to 1' interior layout of 41'0" carriage showing proposed gangways	17.10.10	1910	33	-	PT	19	1
17193-5	GER-Proposed Alteration to Royal Saloon No.31	3/8" to 1' interior plan of 41'0" carriage showing gangways	19.12.11	1911	33	-	PT	18	1
17193	GER-Proposed Alteration to Royal Saloon No.31	3/8" to 1' interior plan of 41'0" carriage showing proposed gangways	17.12.10	1910	33	-	PT	19	1
17193	GER-Proposed Alteration to Royal Saloon No.31	3/8" to 1' interior plan of 41'0" saloon with side corridor and gangways	2.1.11	1911	33	-	PT	20	1
17194	GER-Proposed Alteration to Royal Saloon No.49	3/8" to 1' interior plan of 50'0" carriage showing proposed gangways	- .12.10	1910	33	-	PT	19	1
17194-1	GER-Proposed Alteration to Royal Saloon No.49	3/8" to 1' interior view showing addition of corridor connection	- .12.10	1910	33	-	PT	10	1
17194-2	GER-Proposed Alteration to Royal Saloon No.49	3/8" to 1' interior layout showing side corridor and end gangways	- .12.10	1910	33	-	PT	21	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17195 -1	GER-Proposed Alteration to Royal Saloon No 5	3/8" to 1' interior plan of 48'3" carriage with addition of gangways	20.10.10	1910	33	-	PT	16	1
17195 -2	GER-Proposed Alteration to Royal Saloon No 5	3/8" to 1' interior plan of 48'3" carriage	20.10.10	1910	33	-	PT	16	1
17195 -3	GER-Proposed Alteration to Royal Saloon No. 5	¾" to 1' interior view showing addition of corridor connection	20.12.10	1910	33	-	PT	10	1
17195 -4	GER-Proposed Alteration to Royal Saloon No.5	3/8" to 1' interior plan of 48'3" carriage showing proposed gangways	20.12.10	1910	33	-	PT	19	1
17204 -1	GER-Six Wheels Coupled Bogie Express Engines, Class S69-Cast Steel Intermediate	3" to 1' elevation and section of 20 spoke wheel 6'0" diameter	- .7.12	1912	33	-	P	13	2
17204 -2	GER-Six Wheels Coupled Bogie Express Engines, Class S69-Cast Steel Trailing Wheel	3" to 1' elevation and section of 20 spoke wheel 6'0" diameter	- .7.12	1912	38	-	P	13	2
17212 Part	GER-Engine Classes S69, E72, D81-Set Screws for Connecting Rod Big End Cotters	Full size elevation of set screws	- .1.22	1922	33	-	PT-C	3	3
17212 Part	GER-Lubricator for Connecting Rod Big End S69 Class Engines	Full size sections of lubricator	- .9.22	1922	33	-	PT	18	2
17213	LNER-Engines Types B12, J19/2, J20-Crosshead	Full size elevation, section and plan of crosshead	- .6.31	1931	33	-	BP	3	2
17216 -1	GER-6 Wheels Coupled Express Engines Type B12-Driving Axlebox	6" to 1' elevations, section and plan of axlebox My comment: original drawing dated 16.6.19	- .8.29	1929	33	-	P	18	2
17225 Part	GER-Express Engine 1500 Class-Sketch of Port Sleeve showing Slots for Withdrawing	Unscaled elevations and section	19.6.12	1912	33	-	TI-C	18	2
17225 -1	GER-Six Wheels Coupled Bogie Express Engines S69 Class-Alteration to Bushing for	Full size details of alterations My comment: too fragile to examine	28.5.13	1913	33	-	P	16	2
17227 Part	Superheater Engines 1500, 1790 & 700 Class-Blank for Cylinder Cover for Existing	Full size elevation and section of cover	17.9.14	1914	33	-	P-C	18	2
17236 -1	GER-Six Wheels Coupled Bogie Express Engines, Class S69-Cast Steel Driving Wheel	3" to 1' elevation and section of 20 spoke wheel 6'0" diameter	- .7.12	1912	38	-	P	13	2
17243 Part	GER-Express Engines 1500 Class-Expansion Link	Full size elevation of link	- .9.20	1920	33	-	PT	16	2
17253 Part	Rocking Lever-1500 Class Engines	Full size elevations and plan of lever as fitted to No 1544	28.9.20	1920	33	-	P-C	18	3
17260	GER-Six Wheels Coupled Express Engine	1½" to 1' part elevations and plan of cab and splasher	6.10	1910	33		PT	3	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
Part	Class 1500 Type B12-Cab and Splasher	Endorsed: for trailing sandbox see Dg No 27770	- .6.19	1919	35	-	P	5	5
17264	GER-Six Wheels Coupled Express Engines Class S69, Type B12-Reversing Arrangement	1½" to 1' elevation and plan of gear showing alterations and details of components Endorsed: tracing of this made later and Dg No 28460E dated 4.1.29; copy of this sent to Beyer, Peacock on 27.7.28	16.9.28	1928	33	-	P-C	19	2
17269	GER-Steel Smoke Tube for Superheater-Six Coupled Express Engines Class S69	Full size section of tube	- .1.13	1913	33	-	P	19	2
17269-1	GER-Steel Smoke Tube for Superheater-Six Coupled Express Engine Class S69	Full size section of smoke tube	- .1.13	1913	33	-	P-C	19	2
17269-2	GER-Alteration to Position of Groves on Smokebox Tube	Full size section of tube	18.2.13	1913	33	-	P-C	19	2
17299-1	GER-Diagram Showing Profiles of Tyres and Clearance from Guard Rail	Full size profiles of 3 types of tyre and schedule of dimensions	17.8.12	1912	38	-	P	13	2
17322	GER Whitemoor Coal Stage-Plan of Flooring to be Covered with Old Boiler Plates	1/8" to 1' plan of stages 120' by 15' showing arrangement of plate Copy of Engineers Dg No A15716	15.1.12	1912	34	-	PT	31	1
17341	15' 0" x 4' 3" Tank Wagon	1" to 1' general arrangement of 15' 3" tank wagon with wood underframe Copy of C. Roberts Dg No F/51	21.4.09	1909	34	-	BP	31	1
17341	15ft 0ins x 4ft 3ins Tank Wagon	1" to 1' general arrangement of wood framed 15' 3" wagon with 15' 0" x 4' 3" tank Copy of C. Roberts Dg No F51 dated 19.1.09	9.2.10	1910	34	-	BP	41	2
17342	12 Ton Acid Tank Wagon	1" to 1' elevations, sections and plan of wood framed cylindrical tank wagon 15' 3" over headstocks, oil axleboxes, tank 4' 8" diameter inside Copy of C. Roberts Dg F53 dated 14.1.09	7.2.10	1910	34		B-P	35	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17342	12 Ton Acid Tank Wagon	1" to 1' general arrangement of 15'3" cylindrical tank wagon with wood frame Copy of C. Roberts & Co Dg No F53 dated 5.08	14.1.09	1909	34		BP	45	2
17343	20 Ton Acid Tank 17' 4" x 5' 7¼" Inside	1" to 1' general arrangement of 21' 0" steel framed tank wagon Copy of C. Roberts Dg No F54 dated 21.4.09 My comment: two copies of drawing	21.4.09	1909	34	-	BP	44	1
17344	20 Ton Acid Tank with Special C.I. Manhole and Siphon Blocks	1" to 1' elevations and sections of cylindrical tank 17' 4" x 5' 7" and 3" to 1' constructional details Copy of C. Roberts Dg No 47 dated 21.4.09	21.4.09	1909	34	-	BP	41	2
17345	C.I. Manhole & Lid & Double Arm Outlet- 15'0" x 4'8" Dia Cylindrical Tanks	3" and 6" to 1' sections and plans of components Copy of C. Roberts Dg No G25 dated 21.4.09	21.4.09	1909	34	-	BP	29	1
17346	Standard Screw Down Arrangement-Acid Tank Wagons	6" to 1' details of 6 components Copy of C. Roberts Dg No G34	21.4.09	1909	34	-	BP	31	1
17347	Proposed Alteration to Cylindrical Tanks	1" to 1' part section of tank Copy of C. Roberts Dg 392	21.4.09	1909	34	-	BP	31	1
17348	15' 0" x 4' 3" Acid Tank Wagon with Ends Bolted On	1" to 1' elevation and plan of steel framed wagon showing flat tank ends Copy of Roberts Dg No F57	3.2.09	1909	34	-	BP	31	1
17349	GNR-W.I. Body Details for Standard 10 Tons Open Goods	1½" and 3" to 1' details of 13 components Copy of GNR Dg No 972	30.7.09	1909	34	-	BP	31	2
17350	GNR Standard 10 Tons Open Goods Wagon	1" to 1' general arrangement of 19' 0" 6 plank open 3' 5" deep woof framed 8' 0 1/8" wide body Copy of GNR Dg My comment: part of drawing missing without loss of information	30.7.09	1909	34	-	BP	31	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17351	GNR-Arrangement of Right Hand Wagon Brake	Full scale details of clutch and V hangers Copy of GNR Dg No 614A	30.7.09	1909	34	-	BP	31	2
17352	GNR-Part Detail for Right Hand Wagon Brake	Full size elevation of lever end and clutch Copy of GNR Dg No 653	30.7.09	1909	34	-	BP	31	2
17353	GNR-Standard Brake Details for Ordinary Wagon Stock	3" to 1' elevations of 15 brake components Copy of GNR Dg No 426A dated 30.7.09	7.2.10	1910	34	-	BP	42	2
17354	GNR-Cast Iron Details for 10 Tons Coal Wagon	6" to 1' details of components including number plate Copy of GNR Dg No 425 dated 30.7.09	7.2.10	1910	34	-	BP	44	2
17355	GNR-W.I. Details for Standard Wagon Frame	3" to 1' details of 29 components for 19' and 18' 5" stock Copy of GNR Dg No 860	11.1.09	1909	34	-	BP	31	2
17356	GNR-Standard 10 Tons Open Goods Wagon	1" to 1' general arrangement of 19' 0" 6 plank wood framed open wagon, 3' 5" deep, width 8' 0 1/8" wide Copy of GNR Dg No 812	30.7.09	1909	34	-	BP	31	2
17358	GCR-Axleguard & Bridle	3" to 1' elevations of components Copy of GCR Dg No Part 3504A	28.7.09	1909	34	-	BP	31	1
17359	MS&LR-Details of Ironwork for 10 Tons Coal Wagon	3" to 1' details of numerous components MSLR Dg No 1302	9.1.93	1893	34	-	BP	31	2
17360	GCR-Details of Body Ironwork for Loco Coal Wagon	3" to 1' details of numerous components GCR Dg No 1550	30.7.09	1909	34	-	BP	31	2
17361	GNR-Standard 10 tons Covered Goods	1" to 1' general arrangement of 19' 0" wood framed wagon and 3" to 1' sections through door Copy of GNR Dg No 859	10.12.08	1908	34	-	BP	32	1
17362	GNR-Standard Drawhook for Wagons	Full size elevations and plan of drawhook Copy of GNR Dg No 991	31.8.09	1909	34	-	BP	31	1
17363	GCR-Wagon Drawbar Hook	Full size elevations and plan of drawhook	29.7.09	1909	34	-	BP	29	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of GCR Dg No 3262 dated 29.7.09							
17364	GCR-Axleguard & Bridle	3" to 1' elevations of components Copy of GCR Dg No Part 3638	28.7.09	1909	34	-	BP	31	1
17365	GNR-Suggestion for GNR, GCR & GER Alternative Underframe for 10 Tons Coal Wagon	1½" to 1' elevations, plan and sections of 18' 0" wood framed 7 plank open wagon Copy of GNR Dg No 973	6.8.09	1909	34	-	P	32	1
17366	GNR-W.I. Body Details for Standard 10 Ton Covered Goods	3" and 6" to 1' details of ironwork Endorsed: see GER tracing and Shop Copy for alterations to suit doors 3/8" thick Copy of GNR Dg No 861	30.7.09	1909	34	-	BP	32	2
17367	GCR-Wagon Brake	1 ½" to 1' elevation and plan showing either side brake with blocks on one side on 16' 0" underframe Copy of GCR Dg No 3773 dated 20.7.09	8.2.10	1910	34	-	BP	44	1
17368	GCR-Oil Axlebox for Wagons with 8" x 4" Journals	Full size elevation, section and plan of axlebox type 34 Oil Copy of GCR Dg No 2622 dated 28.7.09	8.2.10	1910	34	-	BP	44	2
17369	GNR-Wagon Axlebox for Journals 8" x 3¼"	Full size elevation, section and plan of axlebox type G Oil Copy of GNR Dg No 657 dated 31.7.09	8.2.10	1910	34	-	BP	44	2
17370	GCR-Details of Castings for Cattle, Covered Goods, Open Goods and Goods Brake Vans	Full size and 6" to 1' details of castings Copy of GCR Dg No 2874 dated 30.7.09	30.7.09	1909	34	-	BP	41	1
17371	GCR-Enlarged Details of 'Near' Side of Wagon and Offside	1 ½" to 1' elevation and plan of wagon brake gear and full size details of main components Copy of GCR drawing	28.7.09	1909	34	-	P-C	41	2
17372	GCR-Coal Wagons	¼" to 1' diagrams of 4 GCR, 2 GER and 4 GCR coal wagons Copy of GCR Dg No 3949 dated 26.7.09	26.7.09	1909	34	-	P	41	2
17373	GCR-17' 0" Wagon Steel Underframe with Laminated or Volute Springs	1½" to 1' half plan of frame Copy of GCR Dg No 3944	28.7.09	1909	34	-	BP	32	1
17374	GCR-17' 0" Wagon Steel Underframe with Laminated or Spiral Springs	1½" to 1' half plan of frame Copy of GNR Dg No 3943	28.7.09	1909	34	-	BP	32	1
17375	GCR-17' 0" Wagon-Steel Underframe with	1 ½" to 1' part plan of underframe	28.7.09	1909	34	-	BP	31	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17375	Laminated or Rubber Springs	Copy of GCR Dg No 3942	28.7.09	1909	34	-	BP	31	1
17377	GNR-Malleable Bracket for 10 Tons Open Goods Wagon	Full size elevations of cast iron bracket Copy of GNR Dg No 428A	30.7.09	1909	34	-	BP	32	1
17378	Coal Wagon (10 Tons)	¼" to 1' diagram of 15' 0" 5 plank wagon with bottom doors Copy of GNR Dg No 266 Endorsed: quantity running June 1909; 593 with bottom doors, 200 without, total 793	8.2.10	1910	34	-	P	32	2
17379	GNR-Standard Frame for 19' 0" Open & Covered Goods Wagons	1" to 1' plan of 19' 0" timber frame with tables of rough and finished timber sizes Copy of GNR Dg No 646	21.7.09	1909	34	-	P	32	1
17380	GCR-Open Goods Wagons	¼" to 1' outline side elevations of wagons; 3 GCR, 2 GER and 2 GNR Copy of GCR Dg No 3947 My comment: the GER wagons shown are 15' 0" low sided goods wagon 10 Ton and 17' 0" high sided goods wagon with hinged top side doors 10 ton.	26.7.09	1909	34	-	P	32	1
17381	GCR-Diagrams of GC, GE, GN Covered Goods Wagons	¼" to 1' outline side elevations of wagons; 2 GCR, 1 GER and 1 GNR Copy of GCR Dg 3948	26.7.09	1909	34	-	P	32	1
17382	GCR-Wheel & Axle for 10 Ton Wagon	3" to 1' elevations of wheelset and full size section of tyre Copy of GCR Dg No 3413	27.7.09	1909	34	-	BP	31	1
17383	GCR-Details of Body Iron Work for 10 tons Coal Wagon	3" to 1' details of numerous componentst Copy of GCR Dg No 1558 dated 18.8.96	30.7.09	1909	34	-	BP	28	1
17384	GCR-Details of Body Ironwork for Ballast Wagon & Low Sided Goods Wagon	3" to 1' details of numerous components Copy of GCR Dg No 1545 dated 30.6.09	30.6.09	1909	34	-	BP	28	1
17385	GCR-Details of Underframe Ironwork for Open Goods Wagons with and without Side Doors	3" to 1' details of numerous components Copy of GCR Dg No 2117 dated 10.7.09	10.7.09	1909	34	-	BP	28	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17398	Dewrance's Patent Water Gauge fitted with Transparent Water Level Indicator-Patent	Full size elevations of gauge Copy of Dewrance Dg No 26541 dated 3.10	3.1	1910	34	-	BP	41	2
17406	GER-Harlow to Newport line	Diagram of line showing the railway mileage in each parish and acreage Copy of Land Agents Dg No 32987 dated 28.10.08	15.3.10	1910	34	-	P-C	31	2
17415	GER Braintree-Proposed Engine Shed	1" to 22' plan of 2 road shed 90' long and its approaches Copy of Engineers Dg No 34409 dated 15.3.10	4.4.10	1910	34	-	P-C	31	1
17434	GER-Private Owners Wagons-Base of Self Contained Buffer for Steel Frames	Full size elevation and plan of base	30.4.10	1910	34	-	TI	31	3
17439	GER-Proposed Site for New Turntable at Cromer	1/1250 plan of terminus to Cromer Junction showing turntable in angle of junction Copy of Engineers drawing	9.5.10	1910	34	-	P	41	1
17454	GER-Diagram of Lines connecting Suburban & Fast Roads at Hackney Downs	Unscaled plan of running lines south of station	9.6.10	1910	34	-	TI-C	44	2
17456	GER-Proposed Carriage Sidings at Chobham Farm	1" to 33' plan showing 2, part 3, sidings on east side of Epping line between Loughton Junc box and Leyton box My comment: based on 1/1056 OS sheet	16.6.10	1910	34	-	P	31	1
17461	Bradshaw's Railway Map of Great Britain and Ireland marked to show Railways using Vacuum Brake and Railways using Westinghouse Brake	Copy of November 1909 map from time table annotated in hand	20.6.10	1910	34	-	PL-C	41	1
17464	GER-Sketch showing fracture of Axlebox belonging to T. Burnett & Co Ltd. 9" x 4¼" Journal	6" to 1' side elevation of box	15.6.10	1910	34	-	P	44	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17467	GER Ipswich-Plan showing Proposed Improvements	1/500 layout from tunnel to Hadleigh Road, includes extra running lines to East Suffolk Junction, extensive alterations at station and signalling details Copy of Engineer's plan No 34426, Scheme 3 amended dated 14.6.10 My comment: too fragile to examine	18.6.10	1910	34	-	P-C	41	3
17476	GER Wensum Junction-R.A. Show 1911	1" to 66' plan showing temporary siding for Loco Dept between Wensum Curve and Thorpe during the Royal Agricultural Show	18.7.10	1910	34	-	P-C	44	2
17495 -1	GER-Proposed Arrangement of Dynamo and Accumulator for Heating First Class Saloon	¾" to 1' outline elevation and plan of wood frame showing position of dynamo and	26.7.10	1910	34	-	P-C	44	2
17508	GER Romford Factory-Proposed Station at Squirrel's Heath	1" to 66' plan showing layout of two island platform station and additional land required Copy of Engrs Dg No A14048/8708S, scheme C Amended 24.12.08	5.8.10	1910	34	-	P-C	28	2
17510	Six Coupled Engines T18 Class-Application of Wakefield's Patent Mechanical Lubricator for Cylinders	1 ½" to 1' arrangement of apparatus and 6" to 1' details of components	15.8.10	1910	5	-	TI-C	11	3
17519	GER-McCord's Patent Spring Damper for 10 Ton Steel Wagon-Oil Axleboxes	Full size elevation and section of arrangement Copy of Taite & Charlton Dg No 811 dated 31.10.10	31.10.10	1910	34	-	BP	44	2
17524	GER-Wensum Junction-R.A. Show 1911	1" to 66' plan showing temporary siding for Loco Dept between Wensum Curve and Thorpe during the Royal Agricultural Show Copy of Engrs Dg No 30978 dated 11.6.10	11.6.10.	1910	34	-	P-C	44	2
17529	GER-Four Wheels Coupled Bogie Express Engines, Class D56 Steel Steam Pipes for Schmidt Superheater	3" to 1' elevations of pipes	8.13	1913	34	-	P-C	31	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17532	GER-Four Wheels Coupled Bogie Express Engine Class D56 Steel Steam Pipes for "Swindon" Superheater	3" to 1' details of 3 types of steam pipe	8.13	1913	35	-	P	42	1
17535	Taff Vale Rly-Plan at Llantrissant Junction	1" to 40' layout of junction with detailed notes relating to an accident to a passenger train Copy of TVR Dg No 952 dated 1.9.93	1.9.93	1893	35		PT-C	38	1
17535-1	Taff Vale Rly-Ten Wheels Passenger Engine-Spring Pillars & Bracket	Full size elevations of components Copy of TVR Dg No 182Pt dated 15.8.93	15.8.93	1893	35	-	BP	28	2
17535-2	Taff Vale Rly-Passenger Engine	1½" to 1' sectional elevation of 4-4-2 engine	17.5.90	1890	35	-	BP	34	2
17535-3	Taff Vale Rly-10 Wheels Passenger Engine-Arrangement of Spring Hanger and Horn Stay	Full size elevations and plan of assembly Copy of TVR Dg No 179A Part dated 4.9.93	7.9.93	1893	35		TI-C	38	2
17535-4	Taff Vale Rly-10 Wheels Passenger Engine-Boss of Wheel	Full size part elevation of bss and section Copy of TVR Dg No 180A	4.7.93	1893	35	-	TI-C	32	4
17535-6	Composition of 3.50 p.m. Train from Merthyr to Cardiff on 12 th August 1893	1/8" to 1' outline elevation of 16 vehicle train and 4-4-2 tank with full details of carriage stock and their brake details Copy of TVR Dg dated 1893	-	1893	35	-	BP	28	1
17535-7	Taff Vale Rly-Ten Wheels Passenger Engine-General Arrangement of Springs & Brake	1½" to 1' side elevation of 4-4-2T engine frame showing springs and brake Copy of TVR drawing	15.8.93	1893	35		BP	39	1
17535-8	Taff Vale Rly-Wheel Base & Weights of Ten Wheels Passenger Engines	3/8" to 1' wheel diagram Copy of TVR Dg Part 176 dated 14.8.93	14.8.93	1893	35		BP	38	1
17535-9	TVR-Ten Wheels Passenger Engine-Plan of Horn Stay	Full size plan of stay and position of flaw Copy of TVR Dg No Part 179B dated 4.9.93	25.8.10	1910	35	-	TI-C	44	2
17544	GWR-Details of Damper Gear for "Swindon" (Split Header) Superheater for GER 4-4-0 D56 Class Engine	Full scale details of components Copy of GWR Dg No 42939 dated 2.11.10	2.11.10	1910	35		PB-C	45	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17545	GWR-Details of "Swindon" (Split Header) Superheater for GER 4-4-0 D56 Class Engine	Full size details of components Copy of GWR Dg No 42938 dated 2.11.10	2.11.10	1910	35		PB-C	45	2
17561	GER-Proposed Arrangement of Variable Blast Pipe for GER 6 Coupled Loco	Unscaled elevation and plan of mechanism Copy of The Variable Blast Pipe Co Ltd Dg No 151	5.7.10	1910	35		BP	39	2
17567	GNR-Details of Variable Blast Pipe adapted to Loco No.682-Whitelegge's Patent	3" to 1' details of components Copy of The Variable Blast Pipe Co Ltd Dg No 132 Endorsed: for proposed arrangement on GE loco see Dg No 17561	26.9.06	1906	35		BP	39	2
17586	The Chorley Railway Wagon Co	1" to 1' elevations and plan of wood framed 6 plank open wagon submitted for registration Copy of Chorley R>W. Co	6.6.10	1910	35		BP	38	2
17587	6 Feed Patent "Trusty" Mechanical Lubricator	Full size elevations and section of lubricator Copy of Trusty Dg No 942 dated 31/1/10	31.1.10	1910	35		BP	39	1
17591	GER-Arrangement of 1st Class Bogie Suburban Carriage	¾" to 1' general arrangement of 54' 8 compartment body	25.11.10No date	1910	-	-	P	55	1
17592	GER-Arrangement of 1st & 2nd Class Composite Suburban Carriage	¾" to 1' arrangement of 54' 9 compartment body and 1/8" to 1' diagram of train formation	18.11.10	1910	-	-	P	55	
17594	GER-Arrangement of 3rd Class Bogie Suburban Carriage	¾" to 1' general arrangement of 54' 10 compartment body	23.11.10	1910	-	-	P	55	1
17595	GER-Arrangement of Bogie Brake Third Class Suburban Carriage	¾" to 1' general arrangement of 54' 7 compartment body	22.11.10	1910	-	-	P	55	1
17610	GWR-Self Contained Buffer	Full size sections and plan of 18" buffer Copy of GWR Dg No 42980 dated 7.11.10	7.11.10	1910	35		PB	45	2
17615	GWR Engines-Application of 8 Pint Triple Sight feed Lubricator	3" to 1' arrangement of lubricator Copy of GWR Dg No 39014 dated 4.7.10 My comment: too fragile to examine	5.12.10	1910	35	-	PB	44	4

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17616	GWR-Details for Triple Sight Feed Lubricator Arrangement	Full size elevations and sections of components Copy of GWR Dg No 40488 dated 4.7.10	4.7.10	1910	35		PB	45	2
17617	GWR-Triple Sight Feed Lubricator	Full size elevations, sections and plan of lubricator and details of components Copy of GWR Dg No 39335 dated 4.7.10	5.12.10	1910	35	-	PB	44	1
17618	GWR-Narrow Waterways-Arrangement of Firebox Stays-GER 4-4-0 D56 Class	3" to 1' sectional elevations of firebox Copy of GWR Dg No 42069 dated 22.6.10	5.12.10	1910	35	-	PB	44	1
17619	GWR-Arrangement of Firebox Stays-GER 4-4-0 D56 Class	3" to 1' sectional elevations of firebox Copy of GWR Dg No 42069B dated 22.6.10	5.12.10	1910	35	-	PB	44	1
17620	GWR-Wide Waterways-Arrangement of Tubes- "Swindon" (Split Header) Superheater-GER 4-4-0 D56 Class	3" to 1' elevations of tubeplates Copy of GWR Dg No 42070D dated 22.6.10	5.12.10	1910	35	-	PB	44	1
17621	GWR-Narrow Waterways-Arrangement of Tubes- "Swindon" (Single Header) Superheater - GER 4-4-0 D56 Class	3" to 1' elevations of tubeplates Copy of GWR Dg No 42070A dated 22.6.10	5.12.10	1910	35	-	PB	44	1
17622	GWR-Arrangement of Tubes- "Swindon"(Single Header) Superheater-GER 4-4-0 D56 Class Engine	1½" to 1' part elevations of tube plates with wide waterways Copy of GWR Dg No 42070B dated 22.6.10	226.1	1910	35		PB	45	2
17623	GER-Water Gauge Column Seating	Full size plan and section of seating Copy of Dewrance & Co Dg No 29745 dated 4.5.10	4.5.10	1910	35		BP	45	2
17626	GER-Carriage Wheel Boss showing Position of Hole for Driving in Lathe	3" to 1' outline elevation of wheel	21.12.10	1910	35		PT	45	1
17630	GER-Sketch showing Cap of McCord's Spring Dampener	Full size plan and section of cap McCord'd patent No 1946	12.1	1910	35		TI-C	38	2
17635	GER-Sketch shewing where Crossheads have been Strengthened	Full size sections of crossheads	3.1.11	1911	35	-	PT	31	1
17636	Standard Vacuum Brake Hose Coupling	Full size details of coupling Copy of Dg No RCH 27 Midland Rly	25.11.09	1909	35		Litho	45	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17648	GWR-Arrangement of "Swindon" Single Header Superheater for GER 4-4-0 D56 Class Engine	3" to 1' sections and elevations of superheater and 1/8" to 1' side elevation of D56 class engine Copy of GWR Dg No 42042 dated 22.6.10	22.6.10	1910	35		PB	45	2
17650	LNWR-Profiles of Vehicles in Ambulance Trains	¾" to 1' profiles for 4 types of bogie carriage Copy of LNWR Dg No 79/11481 dated 20.1.11	20.1.11	1911	35		P	45	1
17654-2	GER-Proposed Royal Train	1/8" to 1' interior plans of 7 coach train of 50' stock: BT, C, Queen, King, Guests, C, BT	3.11	1911	35		P-C	38	1
17656	GER-Diagrams showing Proposed Lengths of Tables of New Weighbridge	1/3" to 1' outline of 34' 6" long table showing the lengths of each section Endorsed: cancelled see Dg No 17700	13.1.11	1911	35		PT	45	1
17661	GER-Whitemoor-Sketch showing Proposed Extension of the Trap Points at the Entrance to Whitemoor Loco Yard	1" to 66' plan of siding	23.1.11	1911	35		P	39	1
17662	Underframe for Muriatic Acid Tank	1½" to 1' sectional side elevation of 15' 6" underframe to take detachable body to Dg No 51 Chance & Hunt Endorsed: when wagon is required for coal traffic the parts marked X are to be removed with tank Copy of C. Roberts & Co Dg No K52 dated 19.12.10	19.12.10	1910	35		BP	45	1
17663	Detachable Wagon Body	1½" to 1' elevations and half plan of 15' 8" 7 plank open body 4' deep bolted to wood frame Endorsed: For Messrs. Chance & Hunt, Oldbury Copy of C. Roberts & Co Dg No K51 dated 2.12.10 My Comment: not that detachable as there are 26 securing body bolts	2.12.10	1910	35		BP	45	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17664	20 Ton Hoppered Ironstone Wagon	1" to 1' elevations and plan of 16 ' 10 plank hoppered steel frame wagon of 450 cu ft capacity Copy of S.J. Claye Dg No 2653 dated 12.12.10 Endorsed: to RCH meeting 13.1.11	12.12.10	1910	35		BP	45	2
17665	Anglo-American Oil Co. Ltd. - D.C. Tank for Railway Tank Cars	1" to 1' elevations and plan of 17' 6" cylindrical tank Copy of Anglo-American Oil Co Ltd drawing dated 29.11.10 Endorsed: to RCH meeting 13.1.11	29.11.10	1910	35		BP	45	1
17677 -1	GER-Colchester-Proposed Site for New 55 ft. Engine Turntable	1" to 66' plan of north end of station showing shed and new turntable, close to	14.2.11	1911	35		P	39	1
17679	Wakefield's Patent Mechanical Lubricator No 1 Pattern-6 Feeds Capacity 1 Gallon	Full size sections, plans and elevation of lubricator Copy of Wakefield Dg No 157 dated 27.2.11	27.3.11	1911	35	-	BP	42	3
17686	GER-Bonding for Carriage Wheels	3" to 1' elevation and section of Mansell wheel and full size detail of copper bond My comment: piece of drawing missing but no loss of detail	14.2.11	1911	35		P-C	38	2
17703	ECJS-Royal Train (for day service)	1/8" to 1' side elevation and interior plans of 8 coach train Copy of GNR Dg No 804	22.2.11	1911	35	-	P-C	34	1
17704	ECJS Royal Train (for Night Service)	1/8" to 1' interior layout of 8 coad train Nos 82, 1281, 3100, 395, 396, 3099, 1280 and 132 Copy of GNR Dg No 1017 dated 1.11.09	23.2.11	1911	35		P-C	38	1
17717	Arrangement of Driving Gear for Stone's Patent Loco "Speed Recorder"	1½" to 1' arrangement of gear shown on part elevations and plan of engine mounted on inside of cab side sheet J. Stone Dg No 15153	13.3.11	1911	35		BP	45	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17718	GER-Proposed Royal Train	1/8" to 1' interior plans of 8 coach train of 50' stock: BT, C, Guests, Queen, King, Guests, C, BT all gangwayed	3.11	1911	35		P-C	38	1
17719	GER-Proposed Royal Train	1/8" to 1' interior plans of 8 coach train of 50' stock: BT, C, Saloon Guests, Queen, King, Guests, C, BT all gangwayed	15.3.11	1911	35		P-C	38	1
17721	GER-Liverpool Street Station-mishap to Fireman G. Saunders on 1 March 1911 Engine No 1856, driver A. Ward	1" to 16' plan of coal stage area and ½" to 1' elevations of coal stage My comment: Saunders appears to have fallen from coal stage	15.3.11	1911	35		P	45	1
17722	GER-Diagram of Continental Luggage Box	1½" to 1' elevations and section of box 11' 9" x 7' 3" on plan	17.3.11	1911	35	-	P-C	34	2
17725	Imperial Brake Block Co-Steel Back Brake Block & Holder redesigned for GER	Full size elevation and plan of brakeblock showing modifications Copy of Imperial Brake Block drawing	19.1.11	1911	35	-	BP	34	1
17732	GER Details of Bearing & Keyplate for Iracier Axlebox 11" x 5 ½" Journals	Full size elevations and sections of components for locomotives Copy of Patent Axlebox & Foundry Co Dg No 2254 dated 6.12.10	27.3.11	1911	35	-	PL	42	1
17735	GER-Special Steel Iracier Axlebox 11" x 5½" Journal	Full size section and plans of axlebox for 11" x 5½" journals Copy of Patent Axlebox & Foundry Co Dg No 2253 dated 2.12.10	12.1	1910	35		PL-C	38	2
17736	GCR-Pressed Steel Weldless Wagon Draw Bar Cradle	6" to 1' elevations of cradle Copy of GCR Dg No 2370, received from Steel Railway Journal Box Co, Pendleton	28.7.09	1909	34	-	BP	32	1
17737	GER-"Lambert" Sanding Gear-Engines Classes S46, M51, D56	Full size elevations of leading sand box and pipework Copy of Hassard & Jourdain Dg No 2444A dated 29.3.11	26.6.11	1911	35	-	BP	42	1
17737	GER-"Lambert" Sanding Gear-Engines	Full size section and plan of leading sand box and sketch arrangement	26.6.11	1911	35		BP	45	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
Att	Classes S46, M54, D56-Leading Sand Box	Copy of M. Massard & R. Jourdain Dg No 2144B	26.6.11	1911	35		BP	45	2
17738	GER-"Lambert" Sanding Gear-Engines Classes S46, M54, D56-Cab Sand Box	Full size section and plan of sand box and sketch arrangement Copy of M. Massard & R. Jourdain Dg No 2145, agent Van Allen & Co	4.5.11	1911	35		BP	45	2
17739	GER-Bogie Suburban Trains-Approved Style of Vehicle	1½" to 1' elevation showing details of panelling My comment: too fragile to examine	10.1	1910	35		TI-C	49	3
17744	Pughs Patent Self Contained Buffer for Wagons	6" to 1' elevations and section of buffer Copy of Pugh drawing	14.3.11	1911	35	-	BP	34	1
17745	GWR-Heald & Smith's Axlebox	Full size elevations and plan of axlebx Copy of GWR Dg No 40538A dated 18.11.09	25.3.11	1911	35		BP	38	1
17746	10 tons Coke Wagon for Corby Ironworks built by Chorley Wagon Co.-Arrangement of Detachable Coke Crate	1½" to 1' half elevation of 4 rail body extension 1'10" deep Copy of MR Dg No 94RCH dated 28.3.11	3.11.11	1911	35	-	P	28	2
17750	"Lambert" Sanding Gear-Engines F48 Class-Leading Sand Box	Full size details of distributing valve Copy of Lambert Dg No 2140 undated	26.6.11	1911	35	-	BP	28	1
17751	"Lambert" Sanding Gear-Engines F48 Class Driving Sand Box	Full size details of components Copy of F. Massard et R. Jourdain Dg No 2143C undated	26.6.11	1911	35	-	BP	28	1
17751	GER-Six Wheels Coupled Goods Engines Class F48 -Arrangement of Water Sanding Gear (Lambert) for Driving Sand Box GER-Six Wheels Coupled Goods Engines Class F48-Arrangement of Lambert Water Sanding Gear for Trailing Sand Box	Full size sectional elevations of sand box showing arrangement of gear and pipework Full size elevations showing gear within sand box	4.5.11	1911	35		BP	45	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17752		Copy of M. Massard & R. Jourdain Dg No 2143B							
17752 Att	GER-Lambert Sanding Gear-Engines F48 Class-Trailing Sand Box	Full size elevation and plan of box Copy of F. Massard & R. Tourdain Dg No 2143D	5.4.11	1911	35		BP	38	2
17752	GER-Lambert Sanding Gear-Engines F48 Class-Driving and Trailing Sand Box	Full size elevation and plan of box Copy of F. Massard & R. Tourdain Dg No 2143A	5.4.11	1911	35		BP	38	1
17762	Colne Valley Railway Gradients-Haverhill to Chappel	½" to 1 mile horizontal scale of Colne Valley Railway My comment: too fragile to examine	12.4.11	1911	35		TI-C	38	4
17765	Self Contained Spring Buffer (New Wagons)Spring 4½ Tons Capacity	Full size section of buffer Copy of The Steel Railway Journal Box Co, Ltd, Worcester Dg No 1374 dated 5.12.10	30.12.10	1910	35		BP	38	1
17766	Self-contained Spring Buffer (New Wagons)-Spring 4½ Tons Capacity	Full size section and elevation of buffer 18" long Copy of The Steel Railway Journal Box Co Ltd Dg No 1342	3.12.10	1910	35		BP	45	1
17767	Self-contained Buffer (Patent Applied for)	Full size section and elevation of buffer 18" long Copy of The Steel Railway Journal Box Co Ltd Dg No 1153	10.4.11	1911	35		BP	45	1
17768	Self Contained Buffer (Patent Applied for)	Full size section and elevation of buffer 18" long Copy of The Steel Railway Journal Box Co Ltd Dg No 1154	10.4.11	1911	35		BP	45	1
17778	GER-Sketch of Top of Blast Pipe supplied by J. Stone & Co.	6" to 1' section of top of blast pipe	4.11	1911	35		CI-C	45	2
17784	GER-Sketch showing portion of draw-bar hook off Messrs. Mellonie & Goulders wagon No.328 compared with Private Owners wagon draw-bar hook Dg E 9.89	Full size elevations and plan of hook	5.11	1911	35		CP	45	2
17791	GER-Diagram of Proposed Elephant Van	¾" to 1' elevations and sections of 21' 0"	8.8.11	1911	35	-	D	41	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
-3	GER-Diagram of Proposed Elephant van	wood framed van with end doors reinforced	8.8.11	1911	35	-	P	41	1
17795	Arrangement of Superheater-Schmidt's Patent for GER D56 Class Passenger Train Engine	3" to 1' sections of smokebox showing superheater	8.5.11	1911	35	-	P	38	2
17796	First Class Saloon R69-Alternative Methods of Fixings to Solebar	1½" to 1' elevations and plans of fixings to solebar	12.5.11	1911	35		TI-C	45	3
17797	GER-Suggested Windows for New Restaurant Carriages	1" to 1' elevation of window with top sliding sections	15.5.11	1911	35	-	TI-C	42	4
17797 Part	GER-Suggested Windows for New Restaurant Carriages	1" to 1' elevation of window with top sliding sections							
17802	GER-Flexible Metallic Tube between Engine & Tender	3" to 1' elevation of tube and connections	5.11	1911	35	-	TI-C	42	2
17806	Private Owners Wagons-Self Contained Buffers Approved for use on Converted Wagons	3" to 1' plans and sections of types 33 to 37 buffers: Nos 33 & 34 Cammell, Laird No 35 Pugh Nos 36 & 37 Chorley Railway Wagon Co Copy of MR Dg No 2 nd Supplement to Dg 162	10.5.11	1911	35	-	Litho	42	1
17807	Private Owners Wagons-Drawbar Pin with Gib & Cotter	Full size section of component Copy of MR Dg No 97RCH dated 4.11	25.5.11	1911	35		Litho	38	1
17808	Private Owners Wagons-Proposed Hooping of Cast Iron Wheel Bosses	6" to 1' section and plan of wheel boss Copy of MR drawing	25.5.11	1911	35	-	Litho	42	1
17809	Ince Waggon & Ironworks Co Ltd-Self Contained Buffer with 4½" Stroke	Full size section and half plan of buffer with attached letter Copy of Ince Waggon & Ironworks drawing dated 1.11	29.5.11	1911	35	-	BP	42	1
17816 -2	Little Giant Brake Lever Patent for 10 Ton Goods Wagon	6" to 1' details of lever and rack Copy of Monarch Controller Co Ltd Dg No 525 dated 15.5.11	15.5.11	1911	35		BP	45	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17816 -1	Arrangement of "Little Giant" Brake Lever for 10 Tons Goods Wagon	6" to 1' elevation and plan showing arrangement of lever Copy of Monarch Controller Co Ltd Dg No 526 dated 15.5.11	10.7.11	1911	35	-	BP	42	3
17821	Standard 45 H.P. Car Clutch	Full size section of clutch Copy of British Hele-Shaw Patent Clutch Co Dg M5 dated 4.9.09 Endorsed: for Mr Holden's Fiat Car	4.9.09	1909	35		BP	45	2
17822	GER-Proposed Method of Tightening Brace Plates on Bogie Carriage Underframes	1 ½" to 1' part plan of bogie underframe and 6" to 1' details of brace plate Endorsed: for trial	9.10.	1910	35	-	TI-C	42	2
17823	LNWR-First Class Compartment-Section through Seats showing Construction & Dimensions	1 ½" to 1' part elevation of interior of compartment Copy of LNWR drawing dated 25.5.11	26.6.11	1911	35	-	BP	42	1
17837 -1	GER-Hills Road Junction, Cambridge-Proposed Water Crane & Pit on Up Goods	1" to 66' plan showing location of crane and pit and new crossover	25.1.12	1912	35	-	P	42	1
17848	London Tilbury & Southend Rly-Smokebox Door Details 4-4-2 Tank Engines Nos 79-82	6" to 1' details of numerous components Copy of LTSR Dg No 1324 dated 13.3.08	20.7.11	1911	35	-	BP	42	1
17850 -2	GER Whitemoor-General Plan	1" to 66' layout of yard from Norwood Road to Forty Foot showing proposed wagon	7.14	1914	35		P	39	3
17851	Pressing on of Wheel Tests-Comparison of Loads v Types of Lubricant	Chart showing results of 10 pressings Copy of GNSR drawing Endorsed: see minutes of ARLE meeting 5.6.11	4.8.11	1911	36		BP	45	1
17852	CR-Arrangement of Blast Pipe & Hood for 19" x 26" x 6' 6" Bogie Passenger Engine	1½" to 1' section of smokebox and blast pipe Copy of Caledonian Rly drawing Endorsed: see minutes of ARLE meeting 5.6.11	18.5.11	1911	35		BP	45	1
17853	CR-Arrangement of Brick Arch for 19" x 26" x 6'-6" Bogie Passenger Engine	1 ½" to 1' section through firebox showing arch Copy of Caledonian Rly drawing	22.5.11	1911	36	-	BP	41	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17859	GER-Devonshire Street Goods Yard- Proposed Engine Pit	1" to 33' part plan of North goods Yard showing pit and smoke baffle over pit Copy of Engrs Dg No 34768 dated 16.5.11	31.8.11	1911	35	-	P-C	44	1
17861	NER-Arrangement & Details of Roof Ventilator worked from Compartment Partition	3" to 1' arrangement of gear and full size details of components Copy of NER Dg No 8095 dated 4.8.11	4.8.11	1911	36	-	P	28	2
17862	GER Southend-Proposed Additional Accommodation	1" to 66' plan of station and shed areas showing additional carriage sidings and connections, cost £4596 Copy of Engrs Dg No A14158 scheme No 3 dated 11.7.11	14.8.11	1911	36		P-C	38	2
17867	Taff Vale Rly-Theoretical Working Diagrams of Various Springs	Seven diagrams of two sheets and a descriptive letter attached Copy of TVR Dg No 1928 and 1929 dated 9.11.10	9.11.10	1910	36	-	BP	41	1
17868	CV&HR-Adjusting Screw for Brake Gear on Locomotive-Halstead Class	3" to 1' elevation of adjusting screw Copy of CVHR drawing dated 4.9.07	30.8.11	1911	36		PT	47	2
17869	CV&HR-Dummy Gland	Full size section and elevation of gland Copy of CV&HR drawing dated 24.2.11	30.8.11	1911	36		PT-C	48	2
17875	GER-Plan of First Class Saloon showing Arrangement of Seats	¾" to 1' interior plan Endorsed: this amended plan was agreed to by the Chairman at the Loco Cttee 2.11.11 SDH	13.9.11	1911	36	-	P-C	10	1
17885	GER-Proposed Modifications to Bogies, Lighting & Heating Installations Saloon R69, Order No. 2433	1½" to 1' outline elevations and plan showing position of pulley and dynamo on bogies axles Copy of J. Stone Dg No 3980 dated 16.6.11	16.6.11	1911	36		BP	47	1
17886	GER-Alternative Arrangement of Accumulators	1½" to 1' part plan of underframe showing position of accumulators on 1 st saloon R69 Endorsed: for general arrangement see JF Stone Dg No 3958	25.9.11	1911	36	-	BP	10	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of JF Stone Dg No 4001 dated 28.6.11							
17887	Proposed Arrangement of Lighting and Heating Installations on Underframe-Saloon R69	1 ½" to 1' part elevation and plan of steel underframe showing position of apparatus Copy of J. Stone & Co Dg No 3958 dated 13.6.11 order 2433	25.9.11	1911	36	-	BP	28	3
17888	Cell Accumulator Box & Fittings with Inspection Door	3" to 1' elevations and sections of wooden accumulator boxes and full size details Copy of J. Stone & Co Ltd Dg No 3246 dated 13.6.11 Endorsed: 2 per set R69 saloon (2 copies of drawing)	25.9.11	1911	36		PB	48	2
17889	GER-Double Accumulator Box with Inspection Doors	3" to 1' elevations, section and plan of timber boxes with full size details for saloon R69 Copy of J. Stone & Co Dg No 3358	25.9.11	1911	36		PB	38	2
17890	GER-Engine Tyre	Twice full size section of tyre	27.9.11	1911	36	-	TI-C	20	3
17890 -1	GWR-Proposed Flange Section	Twice full size section of flangeway and wheel tyre Copy of GWR Dg No 43238C dated 27.6.12	1.7.12	1912	36	-	BP	40	2
17891	GER-Carriage & Wagon Tyres Proposed Tyre Section (GWR Dg A) compared to GER Rolled and turned Section	Twice full size sections of tures Copy of GWR Dg No 43238A My comment: too fragile to examine	27.9.11	1911	36		TI-C	37	4
17891 -1	GWR-Proposed Flange Section	Twice full size section of flangeway between two rails Copy of GWR Dg No 43238A dated 27.6.12	27.6.12	1912	36		BP	38	1
17892	GWR-Proposed Flange Section	Twice full size section of flangeway and wheel tyre Copy of GWR Dg No 43238B dated 27.6.12	27.6.12	1912	36	-	BP	41	1
17892	GER-Engine Tyre	Twice full size section of proposed profile	2.10.11	1911	36		TI-C	47	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17893	GER-Carriage Tyre	Twice full size section of proposed tyre section (GWR Dg B) compared to GER rolled and turned section	9.11	1911	36		TI-C	47	2
17898	Norwich Thorpe-Proposed Roofing over Roads for Wagon Repairs	1" to 66' survey of whole of station and engine shed area to Crown Point showing two buildings to be roofed Endorsed: survey dated 3.11	24.12.19	1919	36	-	P	10	2
17898 Part	GER-Norwich Thorpe	1" to 66' plan of engine shed area annotated with proposals for new pump	8.2	1920	36		P	47	1
17911	GER-Diagram of 1st Class Saloon showing Proposed Arrangement of Steam Heaters	3/8" to 1' interior plan of 50' saloon showing heater position and pencil annotations	20.10.11	1911	36		P	50	2
17941	GER-Elevation of Draught Screen	1" to 1' elevation of padded screen 2'5" x 6'5" for 1 st class directors saloon carriage Endorsed: see Dg No 17946 (bench record) for signed copy	11.12.11	1911	36	-	PT	9	2
17946	GER-1 st Class Saloon R69-Suggested Alterations of Draught Screens	¾" to 1' elevations of three buttoned leather screen	30.11.11	1911	36	-	P-C	20	1
17951	Reversing Motion for Cotterhole Drill	Full size elevations and sections of apparatus Copy of Craven Bros Dg No 19124 dated 15.2.11	29.11.11	1911	36	-	P	19	2
17952	GER-Temple Mills-Proposed Carriage Sidings at Loughton Branch Junction	88' to 1" plan of area north of Temple Mills Lane showing two carriage sidings on east side of Loughton branch to hold 70 30' vehicles Copy of Engineers Dg No 94303 amended 6.11.11	6.12.11	1911	36	-	P	19	2
17954	GER-Diagram of Gradients-Foreign Lines over which GER Trains Run	¼" to 1 mile diagrams of Victoria Park-Acton, Junction Road to Gunnersbury and Bolsover to Annesley Copy of Engineers Dg No A15645 dated 21.11.11	11.12.11	1911	36	-	P	20	2
17955	GER Liverpool St-Proposed Extension of	½" to 1' elevation and plan of buffer stop encased in concrete	6.12.11	1911	36		P-C	20	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17955	No.7 Engine Dock	Copy of Engineers Dg No 31203 dated 23.10.11	6.12.11	1911	36	-	P-C	20	1
17961-1	GER Ely-Proposed Position of New 55' 0" Turntable	1" to 66' plan of shed area showing proposed turntable north of existing	5.12.	1912	36	-	P	44	2
17973	GA of Portable Petrol Motor Fire Pump	1 ½" to 1' elevation and plan of motor fire engine on rubber tyres, 10' 0" long Copy of Dennis Bros Dg 1110A dated 2.1.12 Endorsed: received from Messrs. Dennis Bros with their quotation of 2.1.1912 for two fire engines	29.1.12	1912	36	-	TI	44	1
17988	Proposed Self-contained Buffers with 4½" Stroke for New Wagons	6" to 1' sections and plan of buffer Copy of Turton Platt & Co Dg No. 4199 dated 16.11.11	15.1.12	1912	36		BP	46	1
17989	GWR-Self Contained Wagon Buffer	Full size section and elevation of 1'6" long buffer Copy of GWR Dg No 45668 dated 11.12	28.12.11	1911	36	-	BF	22	1
17990	GWR-Self Contained Buffer	Full size elevations of buffer Copy of GWR Dg No 45266 dated 31.10.11	15.1.12	1912	36	-	BP	10	1
17991	Proposed Self-contained Buffers for Private Owners Special Wagons	6" to 1' sections of buffers-Sheet 3 Copy of MR drawing dated 1.7.09	1.7.09	1909	36	-	P	19	2
17992	Arrangement of Draw-gear and Self Contained Buffers-Private Owners 8, 10 or 12 & 15 Ton Ordinary and 10 or 12 & 14 Ton Tank Wagons with Wood Underframes	1½" to 1' sections and plan of wood frame showing draw gear and buffers Copy of POW Dg No 163 dated 11.11 Midland Rly	11.11	1911	36		Litho	47	1
17993	Private Owners 8,10 or 12 Ton Ordinary, & 10 or 12 Ton Rectangular Tank Wagons-	1½" to 1' arrangement of wagon Copy of MR Dg No 164 dated 17.11.11	- .11 .11	1911	36	-	Litho	9	1
17994	HR & W Self Contained Buffer for New Wagons	½" to 1' section of buffer	15.1.12	1912	36	-	BP	20	2
17995	Dg No 165-Private Owners 8,10 or 12; 15,20 & 30 Ton Ordinary-& 10 or 12; 14 & 20 Ton Tank Wagons-Self Contained Buffers	6" to 1' elevation, section and plans of buffers Copy of drawing from Midland Rly	13.12.11	1911	36	-	P	20	2
17996	Examples of Tyre Fastening on Re-tyred	Full size sections of two tyres and fastenings on converted wagons	15.1.12	1912	36		Litho	47	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
17990	Wheels with Cast Iron Bosses	Copy of Dg 118 RCH dated 15.11.11 Midland Rly	15.1.12	1912	36		Litho	47	1
18001	GER-38" Wheel	Full size section of wheel and 3" to 1' elevation Copy of Schoen Steel Wheel Co Ltd, Leeds drawing	9.12.12	1912	36	-	BP	20	2
18002	Watson's Patent Buffer Arrangement-Sketch No 3	Full size sections of buffer Copy of ABC Coupler Ltd drawing	- .2.11	1911	36	-	BP	20	2
18003	Watson's Patent Buffer Arrangement Sketch No 2	Full size sections of buffer Copy of ABC Coupler Ltd drawing	25.2.11	1911	36	-	TP	20	2
18004	Central Argentine Rly-Arrangement of Buffer for 4 Wheeled Covered Goods	6" to 1' elevations and sections of buffer and headstock Copy of ABC Coupler Ltd drawing, Watson's Patent No 9548/11	15.2.12	1912	36		TP	47	1
18005	Central Argentine Rly-Arrangement of Buffer for 4 Wheeled Covered Goods-Sketch No 1	6" to 1' elevations and sections of buffer and headstock Copy of ABC Coupler Ltd drawing, Watson's Patent No 9548/11	15.2.12	1912	36		TP	47	1
18006	GER-Arrangement of Watson's Patent Spring Gear for Buffing- Watson's Patent No 9548/11	Full size elevation of spiral spring and deflection diagram Copy of ABC Coupler Ltd Dg 529/1 dated 23.1.12	15.2.12	1912	36		BP	47	1
18007	Proposed Arrangement of Watson's Patent Spring Gear for Draw Gear (Patent No 9548-11)	Full size elevation and deflection diagram Copy of ABC Coupler Dg No 529/2	24.1.12	1912	36	-	BP	40	1
18011 -1	GER-Whitemoor-Sidings for Storing Coal	1" to 66' plan of area west of Goods Central Signal box showing 3 sidings sited 50' apart for coal storage and coal truck weigh bridge Copy of Engrs Dg No 3635/17847 dated 1.3.12	1.3.12	1912	36		P	48	2
18032	GER-Six Wheels Coupled Superheater Coal Engines Class E72-Rod, Pipe, Clothing & Lubricating Arrangement	1 ½" to 1' elevation, section and plan of engine with arrangement of the Weir feed pump and heater superimposed in red	8.13	1913	36		P	53	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18038	Schmidt's Superheating Co. Ltd-Steam Chest & Piston Valve	Full size sections and elevations of component Copy of Schmidt Superheating Co g No 31	5.11.10	1910	36		BP	35	2
18046	GER-Ipswich Lower Goods Yard-Plan of Proposed Accommodation	1" to 33' plan of Lower Yard showing additional sidings Copy of Engineer's Dg No 31216	16.11.11	1911	36	-	P-C	13	2
18054	Arrangement of Patent System of Direct Steam Heating for Railway Carriages	1" to 1' elevations, section and plan of sample 8 compartment carriage showing arrangement of fittings Copy of W.S. Laycock Dg No 11766 dated 11.12	- .11.12	1912	36	-	BP	20	2
18062	GER-Sketch Showing Steam Trap on Horse Boxes, fouling Proposed New Traverser at Liverpool St.	1" to 1' elevation showing trap and traverser levels	- .3.15	1915	36	-	TI-C	9	3
18070	GER-95 lbs. B.H. Steel Rail	Full size section of bull head rails Copy of Engineer's drawing dated 13.3.12	18.3.12	1912	36	-	PT	9	2
18071	GWR-Spring for Self Contained Buffer-Load/Deflection Graph	Deflection diagram Copy of GWR drawing dated 17.1.11	18.3.12	1912	36	-	BP	9	2
18073	The "Positive" Locking Device for Partitions of Cattle Wagons-Patent No 21140 of 1902	6" to 1' plan of locking device and 1 ½" to 1' elevation of anonymous cattle van Copy of Tailte & Carlton Dg No 374	1.3.12	1912	36		BP	53	2
	Arrangement of Patent Vapour System of Steam Heating for 1 st Class Suburban Corridor Coaches	Unscaled elevation and plan showing arrangement of steam heating on anonymous bogie carriage with regulating apparatus Copy of W.S. Laycock Ltd Dg No 12687 dated 1.12.11	1.12.11			-	P-C		3
	South African Railways-Arrangement of Regulator for Patent Vapour System of Steam Heating	3" to 1' elevations and plan of regulator Copy of W.S. Laycock Dg No 12679 dated 28.11.11	28.11.11			-	B-P		3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18081	Heater Stand for Atmospheric Duplex Heater	Full size elevations of cast iron stand Copy of W.S. Laycock Dg No 12701 dated 28.11.11	28.11.11	1911	36	-	P	22	3
	Return Bend for Atmospheric Duplex Heater	Full size section of bend Copy of W.S. Laycock Dg No 12699 dated 28.11.11	28.11.11			-	P		3
	Cast Iron Heater Stand-Details	Full size details of components Copy of W.S. Laycock drawing dated 28.11.11	28.11.11			-	P		3
	Outlet Cap for Atmospheric Duplex Heater	Full size section Copy of W.S. Laycock Dg No 12703 28.11.11	28.11.11			-	P		2
	Inlet Valve and Cap for Atmospheric Duplex Heaters	Full size section of gunmetal component Copy of W.S. Laycock Dg No 12702 28.11.11	28.11.11			-	P		1
18089	Beadman's Patent Axle Box-Keighley	6" to 1' elevations, section and plan of axlebox Copy of Beadman, Keithley drawing	19.1.10	1910	36	-	BP	22	1
18091	Rees & Moreton's Patent Flexible Drawgear	Full size elevation and plan of drawgear Copy of George Turton, Platts & Co Dg No 3601 dated 27.8.09	27.8.09	1909	36		BP	37	2
	Arrangement of Draw-gear and Self-contained Buffers Dg 163 Private Owners, 8, 10 or 12 and 15 Ton Ordinary and 10 or 12 and 14 Ton Tank Wagons with Wood Underframes	1½" to 1' elevations and section of gear							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18092	Arrangement of Draw-gear and Self-contained Buffers Dg 164 Private Owners 8, 10 or 12 Ton Ordinary or 10 or 12 Ton Rectangular Tank Wagons with Steel or Iron Underframes	Print from Midland Rly dated 11.11 received 11.1.12	22.4.12	1912	36	-	Litho	22	1
	Self Contained Buffers for New Wagons (These Buffers may be Used on Reconstructed or Converted Wagons if Desired) Dg 165 Private Owners 8, 10 or 12, 15, 20 and 30 Ton Ordinary and 10 or 12, 14 and 20 Tank Wagons	1½" to 1' elevations, sections and plan of buffers							
	Self Contained Buffers Approved for use on New Wagons or Reconstructed or Converted Wagons if Desired Dg 166 Private Owners 8, 10 or 12, 15, 20 and 30 Tons Ordinary and 10 or 12, 14 and 20 Ton Tank Wagons	Print from Midland Rly dated 11.11 received 11.1.12							
	Self Contained Buffers Approved for use on New Wagons or Reconstructed or Converted Wagons if Desired Supplement Dg 166 Private Owners 8, 10 or 12, 15, 20 and 30 Tons Ordinary and 10 or 12, 14 and 20 Ton Tank Wagons	6" to 1' sections and elevations of two types of buffer A and B							
		Print from Midland Rly dated 11.11 received 11.1.12							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		3" to 1' sections and elevations of three types of buffer C, D and E Print from Midland Rly dated 11.11 received 11.1.12 3" to 1' sections and elevations of three types of buffer F, G and H Print from Midland Rly dated 11.11 received 11.1.12							
18093	GCR-Diagram-New 4-6-2 Tank Engine (with Superheater)	¼" to 1' side elevation of engine with weights and dimensions Copy of GCR Dg	7.9.11	1911	36	-	P	31	2
18094	Private Owners 10 or 12 Ton Cylindrical Tank Wagons with Wood Underframe-	¾" to 1' details of tank mounting Copy of MR Dg No 73 dated 10.09	17.1.10	1910	36		Litho	37	1
18095	Private Owners 10 or 12 Ton Cylindrical Tank Wagons-Proposed Arrangement for Conveying Half Loads	1" to 1' sectional elevation of 18' tank wagon Copy of MR Dg No 28RCH Scheme 1 dated 17.1.10	17.1.10	1910	36		Litho	37	1
18096	MR-Proposed Arrangement of Wash Plates in Private Owners Tank Wagons	¾" to 1' section and elevation of cylindrical tank Copy of MR Dg No 22RCH dated 24.11.09	24.11.09	1909	36	-	P	30	1
18097	Proposed Arrangement of Wash Plates on Private Owners Cylindrical Tank Wagons	¾" to 1' details of plates in tanks Copy of MR Dg No 22 RCH dated 24.11.09	22.4.12	1912	36	-	Litho	9	1
18131	Bogie Suburban Trains-Proposed Alteration to Buffer Heads & Shanks - Bogie Suburban Trains	3" to 1' details of alterations Endorsed: for working drawing see Dg No 17858	3.6.12	1912	37			46	

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18132	LT&SR-Particulars Locomotives	Wheel diagrams of tree 4-4-2T engines with particulars taken from issues of The Engineer	3.6.12	1912	37			47	
18133	Scheme for Proposed Carriage Sidings on Up Side Ongar Branch	1/1250 composite Ordnance survey extract of Temple Mills Lane area showing two additional sidings behind Loughton Junction signal box	3.6.12	1912	37		Litho		1
18134	GER-17Ft 10 Ton High Sided Wagon-Arrangement of Continuous Draw Gear showing Frame Altered to suit Cradle	1½" to 1' elevation and plan of arrangement My comment: too fragile to examine	25.3.09	1909	37		TI-C	47	4
18135	NER-15 Ton Road Van, 27'-0" Long	1" to 1' general arrangement of van Copy of NER Dg No 4050 15.5.12	3.6.12	1912	37	-	BP	15	3
18136	NER 12 Tons Covered Goods Wagon 17Ft Long	1½" to 1' general arrangement of wagon with tarpaulin covered roof opening over doors Copy of NER Dg No 7942 dated 9.5.12	3.6.12	1912	37		BP	47	2
18137	L&NWR-50 ft Corridor Third-Arrangement of Wolverton Pattern Heating Apparatus	¾" to 1' elevations and interior plan of 7 compartment corridor carriage showing position of equipment Copy of LNWR Dg No 198/11558 dated 10.2.11	15.2.12	1912	37	-	P	42	2
	L&NWR - Steam Heating Apparatus for Carriages Sheet 1 LNWR Ball Valve- Steam Heating Apparatus for Carriages Sheet 2 LNWR Coupling- Steam Heating Apparatus for Carriages Sheet 3 LNWR Steam Trap-Steam Heating Apparatus for Carriages Sheet 4 LNWR Ball Valve for Main Pipe Steam Heating Apparatus for Carriages	Full size elevation and section of valve LNWR Dg No 198/11352 Full size elevation and section of coupling LNWR Dg No 198/11406 Full size sections and elevations of trap	30.11.10 12.12.10	1910	37	-	P	42	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18138	Sheet 5 LNWR Bracket for Supporting Heaters Steam Heating on Carriages	LNWR Dg No 198/11184 Full size elevations and section of valve	2.8.10						
	Sheet 6 LNWR Detail of Sediment Cock for Drip Pocket on Steam Heating Apparatus for Carriages	LNWR Dg No 198/11774 Full size elevation and plan of bracket	23.5.11						
	Sheet 7 LNWR Wolverton Pattern Heater	LNWR Dg No 198/11150 Full size section, elevation and plan of cock	14.9.10						
		LNWR Dg No 198/10751 6" to 1' elevation and plan of under seat heater and associated fittings	26.1.10						
		LNWR Dg No 198/11594	17.2.11						
18164	Piston with Means of Admitting Steam Behind Asbestos Packed Rings (Prov. Patented) Redington	Full size section of piston					P		2
		Full size section of piston	17.6.12	1912	37		P	47	2
		Full size elevation of disc wheel					P		2
18166	Diagram showing a Method of Dispensing with Rocking Shafts by the Application of Redington's Patent Locomotive Valve Gear	Unscaled elevation showing arrangement of valve gear	17.6.12	1912	37		P	47	2
18167	NER-Feed Water Pipe Connection, Class V, V1	1½" to 1' part elevation and plan of tender showing arrangement of connection Copy of NER Dg No 7278 dated 19.5.09	19.5.09	1909	37		BP	47	1
18168	Arrangement of Self Contained Buffers with 3" dia Rams fitted to 12" x 5" New	3" to 1' plan of wood frame showing section of buffer	17.6.12	1912	37		RD	47	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18168	5 dia Rams fitted to 12" x 5" New Headstocks	Copy of British Wagon Co, Rotherham drawing	17.6.12	1912	37		BP	47	2
18171	Self Contained Buffer 1' 6" Projection with Spiral Spring	Full size section and elevation of buffer Copy of NER Dg No 7723 dated 12.6.11	12.6.11	1911	37		BP	47	2
18172	L&YR-Self Contained Buffer (1' 6" Projection) with Volute Spring	Full size section and plan of buffer Copy of L&YR Dg dated 12.6.11	24.6.11	1911	37		BP	52	2
18178	Caseless Buffer-Gatwood & O'Brien Patent	Full size elevations and sections of self contained buffer Copy of MR Dg No 1595 dated 12.4.12	24.6.12	1912	37	-	BP	42	1
18179	Proposed Self Contained Buffer with 4½" Stroke for New Wagons	6" to 1' sections of buffer and baseplate for wood framed wagons Copy of George Turton, Platts & Co Dg No 4199 dated 16.11.11	21.11.11	1911	37	-	BP	42	1
18180	Rees & Moreton's Improved Buffer Arrangement	3" and 6" to 1' elevations and plans showing arrangement Copy of Rees & Morgan Dg dated 12.4.12	24.6.12	1912	37		BP	52	1
18181	Thomas's Patent Buffer for Conversion of Dead Buffer Wagons	Full size section of self contained buffer Copy of Thomas Dg	24.6.12	1912	37		BP	52	1
18182	Hydrochloric Acid Jar Wagon-Messrs. Chance & Hunt	1" to 1' elevations, sections and plan of 16' 6" wood framed wagon containing 8 earthenware jars within framework Copy of C. Roberts & Co Ltd Dg No K48 dated 14.2.12	24.6.12	1912	37		BP	52	1
18183	Proposed Alternative Safety Loops for Tumbler end of Push Rods on Existing	6" to 1' elevations and plans of loops Copy of MR Dg 130 RCH dated 15.4.12	24.6.12	1912	37		Litho	52	1
18184	Axle Box-Atherton's Patent	6" to 1' sections and elevation of oil axlebox Copy of H.O. Atherton Dg dated 23.11.10	24.6.12	1912	37		BP	52	2
18185	Arrangement of Direct Acting Screwdown-Acid Tank Wagons	½" to 1' sections and plan of valve Copy of C. Roberts & Co Ltd Dg G/75 dated 18.3.12	24.6.12	1912	37		BP	52	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18190	No. 8 Hot Water Injector-Davies & Metcalfe's Patent	Full size elevations and plans of injector Copy of D&M Dg No 1542	8.7.12	1912	37	-	BP	15	3
18208	Cross Section of Motor Coach	1½" to 1' cross section of motor coach Copy of Metropolitan RC&W Dg No 13821 21.6.12	21.6.12	1912	37	-	BP	15	2
18209	Diagram of Motor Coach	¾" to 1' outline elevation and plan of bogie car 59'6" length over buffers Copy of Metropolitan RC&W Dg No 13820	21.6.12	1912	37	-	BP	13	2
18217	Wakefield's Patent Mechanical Lubricator No 1 Pattern 1 Quart Capacity, 2 Feeds with Separate Adjustment for each Feed	Full size elevations and sections of lubricator Copy of Wakefield Dg No L.165 dated 8.2.12	8.7.12	1912	37		BP	47	1
18218	Wakefield's Patent Mechanical Lubricator capacity 3 Pints, 2 feeds with Separate Adjustment for each Feed	Full size section, elevations and plans of lubricator Copy of Wakefield Dg No L.146A dated 8.2.12	8.7.12	1912	37		BP	47	3
18219	Arrangement of Automatic Atmospheric Steam Heater with Passenger Control	3" to 1' elevation of mechanism Copy of W.S. Laycock Dg No 12492 12.4.11	12.4.11	1911	37	-	P-C	15	2
18220	Automatic Atmospheric Steam Regulator-W.S. Laycock Ltd.	Full size sections and elevations of regulator Copy of W.S. Laycock Dg No 12496 12.4.11	12.4.11	1911	37	-	P-C	15	2
18224	Private Owners' Wagons-Proposed Alteration to Strengthen Drawhook and	Full size elevation and plan of hook Copy of Dg No 37RCH	29.4.10	1910	37	-	P-C	13	2
18225	Caseless Buffer-Gatwood & O'Brien patent	Full size sections of self contained buffer Copy of Gatwood & O'Brien Dg No 1595	18.6.12	1912	37	-	BP	13	2
18226	Proposed Self-contained Buffer with 4½" Stroke for New Wagons	Full size section and elevation Copy of Turton & Platt Dg No 4237 25.1.12	12.7.12	1912	37	-	BP	13	1
18227	Proposed Self-contained Buffers with 4½" Stroke for New Wagons	6" to 1' sections and plan of 3 types of buffer	16.11.11	1911	37	-	BP	15	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Stroke for New Wagons	Copy of G. Turton Dg No 4199 16.11.11							
18228	Proposed self Contained Buffers for Private Owners Main Line Wagons fitted with Front Releasable Plungers	Full size sections and elevations of buffers Copy of G. Turton Dg No 4226A 11.4.12	11.4.12	1912	37	-	BP	15	1
18238	GER-Window for Restaurant Cars	1 ½" to 1' elevation, plan and section of window with top sliding sections	1.8.12	1912	37	-	P	42	1
18247	Drawsprings for Private Owners' Wagons	6" to 1' elevation of coil spring	16.9.12	1912	37	-	Litho	15	2
18278 -1	GER-Ipswich Carriage Sidings & Gassing Standards	Unscaled plan of sidings adjacent to station showing position of standards	24.10.12	1912	39	-	P	43	1
18279	GWR-Self Contained Buffer	Full size sections and plan of self contained buffer Copy of GWR Dg No 43170 dated 8.11.11	16.9.12	1912	39		PB-C	50	2
18280	Loco Type Valves fitted with Allen's Patent Rings Piston fitted with Allen's Patent Rings and Renewable Threads	Unscaled sections of valves Copy of Allen & Simmonds Ltd, Reading Dg No 1604C dated 12.10.11 Unscaled sections of valves Copy of Allen & Simmonds Ltd, Reading Dg No 1418C dated 28.7.11	12.10.11	1910	39		BP	53	1
18282	GWR Standard Blast Pipe Top	Full size elevation, section and plan of casting Copy of GWR Dg No 36301 dated 4.08	2.11.10	1910	39	-	P-B	43	2
18284	GWR-Narrow Waterways-Arrangement of Tubes-"Swindon" (Split Header) Superheater, 4-4-0 D56 Class	3" to 1' part elevation of tube plates Copy of GWR Dg No 42070C dated 22.6.10	16.9.12	1912	39	-	P-B	43	2
18285	GWR-Main Header for "Swindon" (Split Header) Superheater for GER 4-4-0 D56	Full size sections and plans of header Copy of GWR Dg No 4290 dated 2.11.10	2.11.10	1910	39		P-C	53	2
18286	GWR 'Swindon' Superheater Apparatus General Arrangement (Split Header) designed for D56	3" to 1' sectional elevations and plan of superheater Copy of GWR Dg No 42043 dated 6.10	6.1	1910	39		P	53	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	designed for D50	My comment: too fragile to examine							
18287	Stuffing Boxes-Schmidt's Patent for GER-Valve Rod Stuffing Box and Piston Rod	Full size sections and plans of the two components Copy of Schmidt's Superheating Co Dg No 5 dated 22.6.10	16.9.12	1912	39		BP	53	2
18288	Standard Welded Bend	Full size sectional elevation and plan of superheater bend Copy of Schmidt's Superheating Co (1910) Dg No 101 dated 22.6.10	6.10.	1910	39		BP	53	1
18289	Welded Bends for Superheater Tubes-Schmidt's Patent	Full size sectional elevations and plans of two sets of bends within smoke tubes Copy of Schmidt's Superheating Co Dg No 6125 dated 10.3.10	16.9.12	1912	39		Litho	53	1
18290	Flanges of the Superheater-Schmidt's Patent	Full size sections of component Copy of Schmidt's Superheating Co Dg No 6053 dated 9.10.09	16.9.12	1912	39		Litho	53	1
18291	Schmidt's Patent Superheater Apparatus-Stuffing Box for Piston Tail Rod	Full size section of Schmidt cccccccc Copy of Schmidt's Superheating Co Dg No 6028 dated 7.12.09 My comment: title on drawing reads: Fraglager für die vordere Kolben stange, für Locomotiven mit Konchröhren-Ühitzer patent W. Schmidt	16.9.12	1912	39		BP	50	1
18292	Steam Collector GER 4-6-0	6" to 1; sectional elevations and plans of collector Copy of Schmidt's Superheating Co Dg No 83 dated 29.1.11	29.1.11	1911	39		BP	50	1
18293	GER Tubeplate 4-6-0	3" to 1' half sections of flueplates Copy of Schmidt's Superheating Co Dg No 81 dated 24.3.11 My note: two annotated copies	30.3.11	1911	39		BP	50	1
18294	Piston Valve (Schmidt's Patent)	Full size section of piston valve Copy of Schmidt's Superheating Co Dg No 15 dated 22.8.10	22.8.10	1910	39		BP	50	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18295	Plan of Superheater Bends	Full size section of superheater bends within smoke tube Copy of Schmidt's Superheating Co Dg No 75 dated 7.3.11	16.9.12	1912	39		BP	50	1
18296	Sketch showing GER Revised Arrangement of Tubes & Collector for Schmidt's Superheater Four Wheeled Coupled Bogie	3" to 1' half sections of tubeplates Copy of Schmidt's Superheating Co Dg dated 11.8.10	11.8.10	1910	39		TP	50	3
18297	Schmidt Superheater Co-Details of the Rigging for the Superheater Dampers	Full size details of rigging Copy of Schmidt Superheater Co Dg No 2189 dated 7.12.09	16.9.12	1912	39	-	BP	43	1
18298	Details of Automatic Closing Arrangement for Superheater Damper-Schmidt's Patent	Full size sections and elevations of apparatus Copy of Schmidt's Superheating Co Dg No 12 dated 15.8.10	15.8.10	1910	39		BP	53	2
18299	GER-Arrangement of Tubes, etc as shown on Drawing Supplied by Schmidt Superheating Co. D56 (1850 class) Boiler	1½" and 3" to 1' elevations of tube plates	15.7.10	1910	39	-	TI-C	8	2
18300	Schmidt's Patent Piston Rod Packing for Locomotives with Superheater	Full size elevations and sections of rod Copy of Schmidt Superheater Co Dg No 6086 4.6.10	16.9.12	1912	39	-	Litho	18	2
18301	Schmidt's Superheating Co-Safety & Drain Valve for Cylinders of Locomotives	Full size section of valve Copy of Schmidt Superheater Co Dg No 1094 20.12.09	16.9.12	1912	39	-	BP	18	2
18302	Smoketubes-Schmidt Patent	Full size section of tube Copy of Schmidt Superheater Co Dg No 30 4.11.10	4.11.10	1910	39	-	BP	12	2
18303	Piston for Locomotives with Superheater-Wilhelm Schmidt's Patent	Full size and 1/5 details of components Copy of Schmidt Dg No 6143 dated 10.3.10	16.9.12	1912	39	-	BP	9	1
18304	L&YR Engine 1112-Slide Valve for Mechanical Lubrication	Full size section and plan of slide valve Copy of L&Y Dg No 10416 8.6.10	16.9.12	1912	39	-	P-C	18	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18305	L&YR-8 Wheeled Bogie Passenger Engine with Schmidt Superheater-Arrangement of Mechanical Lubricator Pipes	1½" to 1' arrangement of apparatus shown on outline elevation, section and plan of engine Copy of L&YR Dg No 10395 8.6.10	16.9.12	1912	39	-	P-C	18	2
18306	L&Y-Details Mechanical Lubricator	Full size elevation, sections and plan of lubricator for L&Y engine No 1112 Copy of L&Y Dg No 10293 dated 8.6.10	16.9.10	1910	39	-	P-C	8	3
18349	GER-Carriage Bogie Bolster Bearing Springs	Full size section of springs for kitchen end and restaurant end of carriage and method of fitting Copy of I.A. Timmis & Son Dg No 2034/7	22.8.12	1912	39		BP	53	1
18350	Suburban Trains with Twin Carriages-Diagrams of Train Lengths & Axle Load Particulars	1/8" to 1' diagram of 4 coach sets and 3/8" to 1' diagram of twin carriages on 10 chain curve comparing weights of 48, 51 and 52ft carriages and twin carriages Copy of Leeds Forge & Co Dg No 14268 order DO340 dated 19.7.12	28.10.12	1912	39		BP	53	1
18351	Alternative Diagrams of Seating for 3 rd Class Bogie Coaches	Diagrams A and B showing seating and standing capacities in 54'8" and 57' open carriages Copy of Leeds Forge Co Dg No 15322 undated	28.10.12	1912	39	-	BP	21	2
18352	GER-Proposed Diagram of Bogie Suburban Train	1/16" to 1' diagram of 8 coach train of 60' 0" stock Endorsed: received from Taite & Charlton Dg No 15690 dated 8.10.12	28.10.12	1912	39	-	BP	43	1
18353	Taylor Bros & Co. Ltd-Rolled Steel Solid Disc Wheels for Carriages & Wagons Broad Gauge to suit all Sizes of Axles	Full size section of 3' 7" disc wheel and axle Copy of Taylor Drawing No 298 dated 10.10.12	10.10.12	1912	39		BP	54	1
18355 -1	Results of Tests on Wagon Drawspring Gear	Full size plans of 4 assemblies with broken or distorted components Copy of MR Dg No Pt 140 RCH dated 23.10.12	29.10.12	1912	39		Litho	53	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18355 -2	Results of Tests on Wagon Drawspring Gear	Full size plans of 4 assemblies with broken or distorted components Copy of MR Dg No Pt 140 RCH dated 23.10.12	29.10.12	1912	39		Litho	53	2
18355	Private Owner Wagons-Results of Test on Wagon Drawspring Gear	$\frac{3}{4}$ " to 1' details of results Copy of MR Dg No 140 RCH dated 23.10.12	11.8.11	1911	39		P	50	3
18359	GER-Diagram of Third Class Restaurant Car-Proposed Seating Arrangement	3/8" to 1' plan of interior of open 50' carriage showing seating in loose chairs for 42 passengers in two saloons Endorsed: This arrangement not agreed to 1.11.12	31.10.12	1912	39		PT	54	1
18362	Proposed Alterations to Axleguard for 20 Ton Goods Brakes	3" to 1' elevations and plan of axleguard showing strengthening pieces	1.11.12	1912	39		TI	50	1
18365	GER-Cambridge-Hills Road Proposed Engine Pit and Water Column	1" to 15' plan of pit and resited signals Copy of Engrs Dg No 35080 dated 22.7.12	4.11.12	1912	39		PT-C	53	1
18397	GER-Whittlesea	1" to 66' survey of station and yard showing position of pump and water column Copy of Land Agent's plan dated 7.07	7.07	1907	39	-	P	43	2
18398	GER-Peterborough, County of Huntingdon-Parish of Fletton	1" to 66' lithograph of Peterborough extending from viaduct to west of the GNR main line, surveyed 1904-5	11.11.12	1912	39			9	
18401	Chain for Draw Hook (Dg No. 5233) for Goods Train, Mineral & Shunting Engines	Full size elevations of draw hook Copy of NER Dg No 5232 4.6.01	4.6.01	1901	40	-	BP	12	2
18402	NER-Standard Screw Coupling for Engine & Tender (Express Passenger)	Full size elevations and plan of buffer Copy of NER Dg No 7108 dated 10.08	11.11.12	1912	40	-	BP	10	1
18404	GER-Peterborough	1/2500 plan of siding located between Black Bridge and Moretons Leam dated 7.07	11.11.12	1912	40	-	P	10	1
18408	GER Hunstanton-12.22 Passenger Train ex Lynn in Collision with Buffer Stops in No.2 Road on 13.11.1912	Unscaled plan of approaches to station	18.11.12	1912	40	-	P-C	12	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18413	NLR Engine No.50 off Road Temple Mills 13.10.1912	Full size elevation of tyre gauge	19.11.12	1912	40	-	PT	15	1
18414	GER-Hunstanton Passenger Train ex Lynn in Collision with Buffer Stops in No.2 Road on 13.11.1912	Unscaled plan of station approaches	25.11.12	1912	40	-	P-C	15	2
18427	GER-Southend-Proposed Accommodation for Loco Department	1" to 66' plan of engine shed area Copy of Engineer's Dg No 31390 7.11.12	27.11.12	1912	40	-	P-C	15	2
18429 -2	GER Elsenham & Thaxted Light Railway- Diagram showing Proposed Steps for Cars	1" to 1' outline end elevation of carriage showing fixed steps	17.2.13	1913	40	-	P-C	15	2
18433	Outside Spring Buffer (Caseless) for New Wagons - Catwood's & O'Brien's Patent	Full size section and elevation of buffer Copy of Steel Railway Journal Co Dg No 1727 4.9.12	25.11.12	1912	40	-	BP	15	1
18434	10 Tons Acid Tank Wagon-Sketch showing Proposed Position of Double Arm Outlet-	1" to 1'outline elevations of 15' wagon Copy of C. Roberts Dg No 1590 28.6.12	1.8.12	1912	40	-	BP	15	2
18435	12 ton Rectangular Tank fitted with Wash Plates for Carrying Variable Loads from Half to Full	1" to 1' sectional elevations and plans of tank Copy of Roberts Dg No E38 30.8.12	25.11.12	1912	40	-	BP	13	1
18436	Rees & Moreton's Patent Improved Buffer for New Wagons	6" to 1' elevations and sections of self contained buffer (3 copies) Copy of Rees & Moreton drawing	25.11.12	1912	40	-	BP	13	2
18437	Thomas's Patent Self-contained Buffer for New Wagons	Full size section of buffer Copy of Thomas drawing dated 6.11.12	25.11.12	1912	40	-	BP	9	1
18452	40 Ton Trolley	¼" to 1' diagram of 37' 7½" bogie trolley Copy of MR Dg No D308 dated 23.10.12	23.10.12	1912	40	-	Litho	9	2
18461	GER-Ipswich-Proposed Additional Goods Accommodation	1" to 33' plan of area between Princes Street and London Road showing new 2 track overbridge and river bridge, estimated cost £80,500 Copy of Engineer's Dg No 31386 dated 5.11.12	31-12 1912		40			9	

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18462	GER-Ipswich Lower Goods Yard Proposed as a Marshalling Yard	1" to 44' layout of area between the Wet Dock to Princes St showing additional sidings adjoining the Orwell and the repositioning of the tram shed Copy of Engineer's Dg No 31389 dated 5.11.12, estimated cost £13,800, plus £7,000 for the 'conversion'	20.12.12	1912	40	-	P-C	10	3
18469	GER-Stratford-Proposed Carriage Sidings near Western Junction	1" to 88' plan of carriages north of the main line (Thornton Fields) showing group of 12 sidings and 11 sidings for mixed stock Copy of Engineer's Dg No A13094 Scheme 5 14.12	28.12.12	1912	40	-	P-C	13	2
18471	GER-Stratford (High Meads Junction)-Proposed Sidings for Loco	1" to 88' plan of trackwork with signalling details from Channelsea Jn to Loughton Jn, showing connections giving access to High Meads Carriage Shops Copy of Engineer's Dg No 31255 15.2.12	31.12.12	1912	40	-	P-C	13	2
18472	GER-Diagram of Proposed Pair Horse Lorry	¾" to 1' diagram of 5 ton lorry, floor length 10'	4.1.13	1913	40	-	P	9	2
18473	Patent Feed Water Heater	Full size section of heater and unscaled elevation of a 4-4-0 engine showing position of apparatus with explanation of action Copy of Dg No 17170	14.4.13	1913	40	-	BP	9	2
18475	GER-Liverpool Street Station-Proposed Renewal of Turntable	1" to 33' plan of turntable area showing realignment for 65' table	7.4.13	1913	40	-	P-C	13	2
18482	GER-Proposed Position for New Arc lamps in Parkeston Loco Yard	1" to 22' plan of loco yard showing position of 6 arc lamps near new turn table	13.1.13	1913	40		P	52	1
18493	Sketch Showing Position of Pyrometer on Six Wheeled Coupled Express Engines S69 Class	1 ½" to 1' details of pipework and gauge	1.13	1913	40		TI	52	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18499-1	GER 35 Tons Steam Breakdown Crane-Buffer	Full size sections and elevation of buffer	11.2.13	1913	40		P-C	52	1
18519	LNER 4-6-0 Engines Type B12-Gunmetal Oilbox for Rocking Shaft Bracket	Full size section of oilbox Drawing dated 12-6-1928	12.6.28	1928	40	-	P	9	2
18544	GER-Four Wheels Coupled Shunting Tank Engine Class B74-Y4 Rod, Pipe, Clothing and Injector Arrangement	1½" to 1' elevation and plan	2.6.13	1913	-	-	P	55	1
18559	No.9 Loco Exhaust Steam Injector Class D-Latest Improved Type		15.9.13	1913	40	-	BP	13	3
18563	GER-Lowestoft-Proposed 65 ft Engine Turntable	1" to 40' layout of engine shed area and demolition of cottage Copy of Engr Dg No 35411 dated 3.9.13	25.3.13	1913	40		P-C	52	1
18564	GER-Lowestoft-Proposed 65 ft Engine Turntable	1" to 40' layout of engine shed area and demolition of cottage Copy of Engr Dg No 35411 dated 3.9.13, a modification of Dg No 18564	29.9.13	1913	40		P-C	52	1
18566	Wakefield's Patent Mechanical Lubricator No 1 Pattern Capacity ½ Gallon 3 Feeds	Full size elevations, sections and plan of lubricator Copy of Wakefield Dg No L179A 9.9.13	9.9.13	1913	40	-	BP	13	2
18567	NER-Axle 9" x 4" Journals used with Cushioned Wheels for Heavy Bogie Stock	3" to 1' elevations of journals Copy of NER Dg No 3672 My comment: too fragile to examine	4.12.06	1906	40	-	P	5	3
18568	No. 9 Loco Exhaust Steam Injector Grease Separator-Davies & Metcalfe Patent	Full size elevations of separator	6.10.13	1913	40		BP	50	3
18571	GER-Sketch Shewing Arrangement of Air Pipe for Loco Well at Thaxted Station	1/8" to 1' plan of station area	31.12.13	1913	40	-	PT	10	1
18574	GWR-3' 3" Road Wagon Wheel-No.4 Axle Arm	6" to 1' elevation and section of 3'3" diameter wheel Copy of GWR Dg No 45788 23.1.13	3.2.13	1913	40	-	BP	12	2
18575	Midland Rly-Axle Arm No.22 & Madras Naves No.22A & 22B for Parcel Vans	Full size elevations and sections of components Copy of MR Dg No 2313 6.5.05	23.1.13	1913	40	-	P	13	2
18576	Madras Wheels for Road Vehicles	3" to 1' half elevations and sections of 12 types of road vehicle wheels	1.2.95	1895		-	P-C	11	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of Midland Dg No 1054 1.2.95							
18576	Midland Railway-Pair Horse Fish Trolley Wheels		3.2.13	1913	40	-	P-C	12	2
18577	GER-Newmarket-Suggested Site for new 65'-0" Turntable	1" to 66' plan showing turntable at rear of shed	5.2.13	1913	40	-	P-C	13	1
18578	GER-Diagram of Norwich Fire Engine Truck- Alterations and Additions Required on New Truck for Ipswich marked in Red	¾" to 1' elevations and plan of 15' truck showing arrangement of ramp boards and method of stiffening Endorsed: end alterations agreed by Fire Brigade Dept see Engineers letter dated 23.2.13	- .8.13	1913	40	-	P	13	1
18584	GER Southend-Proposed Additional Accommodation	1" to 66' plan from Prittlewell to terminus showing extensive alterations Copy of engineers Dg No 10398S dated 3.2.13	5.12.13	1913	40	-	P-C	13	2
18587	GER-No. 10 Arm & Axle	6" to 1' plan of arm and axle for road vehicles	24.2.13	1913	40	-	P-C	13	2
18599	No 9 Loco Exhaust Steam Injector Class D- Latest Improved Type Davies & Metcalfe Patent No 9 Loco Exhaust Steam Injector Class D- Latest Improved Type Davies & Metcalfe Patent	6" to 1' elevations and sections of injector Copy of Davies & Metcalfe Dg No 2465 24.5.13 6" to 1' elevations and sections of injector Copy of Davies & Metcalfe Dg No 1862	24.5.13	1913	22	-	P-C	13	2
18600	GER-Proposed Arrangement of Collapsible Gates on Bogie Brake Van	¾" to 1' interior plan of full brake showing position of gates along corridor	18.2.13	1913	40	-	P	13	2
18608	L&NWR-Diagram of Proposed Ambulance Train	1/8" to 1' elevation and interior plan of 9 coach train and origins of vehicles Copy of LNWR Dg No 200/10610 22.10.09	14.3.13	1913	40	-	P	13	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18609	L&NWR-45' 0" Open Parcel Sorting Van fitted up as a Pharmacy Coach	¾" to 1' elevation, section and plan of 45' open van My comment: too fragile to examine Copy of LNWR Dg No 200/10705 21.12.13	17.3.13	1913	40	-	P	13	2
18610	L&NWR-45' 0" Open Parcel Sorting Van fitted up as a Travelling Hospital Ward	¾" to 1' elevation and section of 45' open parcels van Copy of LNWR Dg No 200/10384 17.5.09 My comment: too fragile to examine	17.3.13	1913	40	-	P	13	2
18616	GER-Plan shewing Position of Coal Stacks at Lowestoft	Unscaled plan of 6 stacks in area by shed	26.2.13	1913	40	-	P-C	12	1
18617	GER-Plan shewing Coal Stacks at Parkeston	Unscaled plan of 4 stacks in area by shed	26.2.13	1913	40	-	P-C	12	1
18618	GER-Plan shewing Position of Coal Stacks at Peterborough	Unscaled plan of stack by engine shed My comment: too fragile to examine	26.2.13	1913	40	-	P	12	2
18619	GER-Plan Showing Position of Coal Stacks at Bury-February 26 th 1913	Unscaled plan of 1 stack	28.2.13	1913	40	-	P-C	13	2
18620	GER-Plan Showing Position of Coal Stacks at Colchester-February 26 th 1913	Unscaled plan of 5 stacks	28.2.13	1913	40	-	P-C	13	2
18621	GER-Plan Showing Position of Coal Stacks at Stratford-February 26 th 1913	Unscaled plan of 14 stacks	28.2.13	1913	40	-	P-C	13	2
18622	GER-Plan Showing Position of Coal Stacks at Norwich-February 26 th 1913	Unscaled plan of 8 stacks	26.2.13	1913	40	-	P-C	13	2
18623	GER-Plan Showing Position of Coal Stacks at King's Lynn-February 26 th 1913	Unscaled plan of 2 stacks	28.2.13	1913	40	-	P-C	13	2
18624	GER-Plan Showing Position of Coal Stacks at Yarmouth St	Unscaled plan of 5 stacks	28.2.13	1913	-	-	P-C	13	2
18625	GER-Plan Shewing Position of Coal Stacks at Whitemoor-February 26 th 1913	Unscaled plan of stacks	28.2.13	1913	40	-	P-C	13	2
18626	GER-Plan Showing Position of Coal Stacks at Ipswich-February 26 th 1913	Unscaled plan of 14 stacks	28.2.13	1913	40	-	P-C	13	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18627	GER-Plan Showing Position of Coal Stacks at Cambridge-February 26 th 1913	Unscaled plan of 12 stacks	28.2.13	1913	40	-	P-C	13	2
18631	GER-Proposed Wagon Bearing Spring	Full size elevation, plan and section of 6 plate spring 3'8 ½" unloaded	20.3.13	1913	40	-	PT-C	13	2
18632	GER-B.M. Diagrams of Proposed Coupled Radial Tank Engine on 20 ft Span	¼" to 1', 1" to 100ft tons diagram	- .2.07	1907	40	-	TI-C	13	3
18643	GER Liverpool Street	Correspondence and sketches relating to platform and engine dock lengths for suburban trains	18.3.13	1913	40	-	-	10	2
18646 -12	Proposed 0-6-0 Tank Engine-Diagrams of Engine on 5 and 9 Chain Curves	1½" to 1' plan showing wheel on rails My comment: too fragile to examine	- .3.13	1913	40	-	TI-C	13	4
18661	GER-Proposed Fastening for Sliding Doors of Fish Vans	Full size details of fastening My comment: too fragile to examine	4.4.13	1913	40	-	TI-C	4	4
18666	GER-Cambridge Loco yard-Proposed Coaling Stage	1" to 33' plan of loco yard showing the position of the stage and alterations and additions required	3.12.13	1913	40	-	P-C	5	2
18666	GER-Cambridge Loco Yard-Proposed Coaling Stage	1" to 33' plan of loco yard showing the position of the stage and alterations and additions required	3.12.13	1913	40	-	PT-C	5	2
18669	GER-Lowestoft-Proposed Additional Sidings (Down Side)	Unscaled plan of sidings My comment: too fragile to examine Copy of Engineer Dg No 31401	14.4.13	1913	40	-	P	12	2
18670	GER-Lowestoft-Plan of Proposed Quay and Siding	Unscaled plan Copy of Engineer Dg No 31333 My comment: too fragile to examine	15.4.13	1913	40	-	P	12	4
18674	Standard Type "Lambert" Sander for British Style of Sand Boxes for Locomotives	Full size elevations and section of sanding valve Copy of Tourdain & Monneral Dg No 2183 dated 29.7.12	14.4.13	1913	40	-	BP	10	1
18677	GER-Proposed Arrangement of Buffing & Draw Gear for Fish Vans	1" to 1' plan of part of underframe showing arrangement	- .4.13	1913	40	-	P	10	1
18686	LNWR-End of Superheater Tube showing Grooves and Spaces (Firebox End)	Full size sections of tubes LNWR Dg dated 1.13	21.4.13	1913	41		P-C	52	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18692	GER Ely-Sketch shewing Proposed Position of Coal Stage and Coaling Slip Road	Unscaled plan of area south of station	5.5.13	1913	41	-	PT-C	43	1
18697	GER-Diagram of Proposed Bogie train for Ilford Service (Standard Formation)	1/16" to 1' diagram of 8 coach train and an extra 2 nd	5.13	1913	41	-	P	34	2
18697	GER-Diagram of Proposed Bogie for Ilford Service (Standard Formation)	1/16" to 1' plan of 8 carriage train BT/C/2/C/F/C/2/BT plus extra 2nd and showing smoking compartments My note: seating for 120 1st, 420 2ns and 288 3rd plus 120 in extra 2nd	1.5.13	1913	41		P	50	1
18698	GER-Montage Lanterneau sur boite a sable oueriere (Lambert's Water Sanding Gear)	1½" to 1' arrangement of Lambert's gear for trailing sandbox Copy of Jourdain & Monneret drawing	30.10.12	1912	41	-	BP	34	1
18699	GER-Cambridge-Proposed New Coal Stage	Unscaled plan of yard with details of stage Endorsed: alterations and additions in red	6.5.13	1913	41		P-C	51	2
18705	SECR-Goods Engines Class) (Eng No 369)-Smokebox	3" to 1' sections of smokebox Copy of SECR Dg No 4040 dated 3.5.13 My comment: too fragile to examine	3.5.13	1913	41		P	50	3
18706	Safety Loop for Tumbler End of Brake Push Rod	6" to 1' elevations of loop Copy of MR Dg 149 RCH dated 29.4.13	6.5.13	1913	41		Litho	51	2
18707	Re-tyring of Private Owners Wagon Wheels	Full size sections of tyres for 8 and 10 ton wagons Copy of MR Dg 145 RCH of Lincoln Wagon & Engine wheel	30.4.13	1913	41		Litho	50	1
18708	SE&CR-Diagram Class O Goods Engine-First Engine built 1878	¼" to 1' side elevation of engine and tender with weights Copy of SE&CR Dg dated 3.5.13	6.5.13	1913	41		P	51	1
18709	Old Type Wagon with Non-continuous Drawgear shewing Construction of Underframes	1 ½" to 1' part sectional elevation and plan of wood frames for Wombwell Main 8 ton wagon No 247 and Wharnccliffe Silkstone 8 ton wagon No 559 Copy of MR Dg 144 RCH dated 19.2.13	6.4.13	1913	41		Litho	51	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18710	SE&CR-Diagram of Goods Engine Class C	¼" to 1' side elevation of engine with weights and dimensions Copy of SECR Dg dated 29.4.13	6.5.13	1913	41		P	50	1
18711	Alternative Drawbar Pin for Private Owners' Wagons	Full size elevations of pin and collar Copy of MR Dg No 3776 dated 20.11.12	10.12	1912	41		Litho	50	1
18712	MR-Results of Tests on Wagon Draw Gear	6" to 1' plans of two cradles with tables of test results Copy of MR Dg No 143 RCH	8.1.13	1913	41	-	Litho	43	2
18713	SE&CR-Details of Stone's Patent Variable Blast Pipe & Ash Ejector-Engines Class C	Full size and 6" to 1' sections and elevations of components Copy of SE&CR Dg No 3521 dated 28.4.13	6.5.13	1913	41		P-C	54	2
18714	SE&CR-Arrangement of Stones Variable Blast Pipe - Engines Class C	3" to 1' sectional elevations of smokebox showing arrangement of blast pipe Copy of SE&CR Dg No 3514 dated 28.4.13	29.4.13	1913	41		P-C	52	2
18726	GER-Rochford to Southend-Proposed Water Pipe Line	1/2500 plan showing 6" pipeline to Prittlewood and 9" to Southend Copy of Engrs Dg No 31426 Scheme 2 dated 8.5.13 cost £2610 from reservoir	15.5.13	1913	41		P-C	50	2
18745	GER-Diagram showing Proposed Flying Junction at Stratford	Unscaled diagram showing proposed running lines only from Bow Junction to Maryland Point including new goods road into Old Yard My Comment: signed by F.V. Russell	5.13	1913	41		P-C	50	1
18746	Diagram shewing junction between Norwood East and West Croydon and Selhurst	Unscaled diagram showing layout of running lines	5.13	1913	41		P-C	50	3
18752	SE&CR-Stone's Patent Louvre Spark Arrester Class C	3" and 6" to 1' and full size sections and details of smokebox and arrester for engine Nos 508, 572 and 589 Copy of SE&CR Dg No 3523 dated 16.5.13	16.5.13	1913	41		P	50	3
18753	SE&CR-Stone's Patent Louvre Spark Arrester	3" to 1' sections and elevations of components	26.13	1913	41		P	54	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18753	Engines Class D5 No 515	Copy of SE&CR Dg No 3375 dated 24.5.13	2.6.13	1913	41		P	34	2
18754	SE&CR-Covered Goods Wagon No 10160	1 ½" to 1' general arrangement of 16' 0" 10 tons covered goods wagon Copy of SE&CR Dg No 3935 dated 8.5.13	8.5.13	1913	41		BP	52	1
18755	SE&CR Diagrams - Goods Engine-first engine built 1878 - (No 369) Goods Engine-first engine built 1900 - (No 510)	¼" to 1' diagrams with weights Copy of SE&CR drawing dated 15.5.13	2.6.13	1913	41	-	P	43	2
18766	GNR-Malleable C.I. Hook for Refrigerator Vans	Full size elevations of hook Copy of GNR Dg No 918	16.6.13	1913	41	-	BP	43	1
18769	GER-Diagram showing Comparative Heights of Meat Hooks in GWR, GN and GE Refrigerator Vans	1½" to 1' section of body showing position of hooks: GWR 6' 6"; GN 6' 7"; GE 4' 11 3/16", proposed 5' 8"	11.6.13	1913	41	-	PT	33	1
18778	GCR-4-6-2 Passenger Tank Engines No.9 Class-Smokebox No 9 order 339	3" to 1' sectional elevation of smokebox Copy of Superheater Corporation Ltd Dg No SH244 dated 12.2.12	12.2.12	1912	41		P-C	50	3
18779	Standard Superheater Header for 24 Elements	Unscaled cut away isometric sketch of headers Copy of Locomotive Superheater Corporation Ltd Dg No SH246 dated 12.2.13	16.6.13	1913	41	-	P-C	43	1
18780	Untitled Locomotive & Superheater Corporation Ltd. Drawing	Unscaled isometric sectional elevations of header Copy of Locomotive & Superheater Corporation Ltd. Dg No SH245 dated 12.2.12	12.2.12	1912	41		P-C	51	1
18781	Piston Valve-4-6-2 Passenger Train Tank Engines, No. 9N class 8 th and 9 th Engines	Full size sectional elevation of piston valve Endorsed: 2 of this (complete) piston valve	12.2.13	1913	41	-	BP	43	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of Locomotive Superheater Corporation Ltd Dg No SH247 dated 12.2.13							
18782	GER-Arrangement of Superheater & Draught Retarder	3" to 1' sectional side and end elevation of smokebox Copy of Locomotive & Superheater Corporation Ltd. Dg No 364/5 dated 25.2.13 My comment: for class S69	16.6.13	1913	41		BP	51	1
18783	Engines fitted with Robinson's Superheater-Header with 24 Elements Proposed for GER	3" to 1' sections of superheater header Copy of Superheater Co Ltd Dg No 9809 dated 1913	16.6.13	1913	41		P-C	51	2
18784	Engines fitted with Robinson's Superheater-Superheater with 21 Elements Proposed for GER	3" to 1' sections of superheater header Copy of Superheater Co Ltd Dg No 9819 dated 1913	16.6.13	1913	41		P-C	51	2
18785	GER-Arrangement of Superheater 24 elements	3" to 1' sectional elevations of smokebox, undimensioned Copy of Locomotive Superheater Corporation Ltd Dg No 9825 dated 1913	16.6.13	1913	41	-	P-C	43	2
18786	GER-Arrangement of Superheater 21 elements	3" to 1' sectional elevations of smokebox, undimensioned Copy of Locomotive Superheater Corporation Ltd Dg No 9819 dated 1913	16.6.13	1913	41	-	P-C	43	2
18788	J. Stone & Co.-Patent Feed Water Heater	¾" to 1' outline elevations of 4-4-0 engine showing arrangement of heater and description of the action	23.6.13	1913	41	-	P	33	3
18789	Patent Feed Water Heater	¾" to 1' outline of 4-4-0 engine on which is superimposed feed water components Copy of J.Stone Dg No 17554 dated 5.13	23.6.13	1913	41	-	BP	28	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18797	Stone's Patent Hit & Miss Ventilator for railway Carriages Patent No 713/12	3" to 1' interior and exterior elevations and sections of upper part of door showing arrangement of ventilators Copy of J. Stone & Co Dg No 17208 dated 16.6.13	16.6.13	1913			P-C		2
18798	GNR-No 1 Standard Steel Disc Centre for 3' 7½" & 3' 7" Dia Wheels	Full size sections of wheel and tyre Copy of GNR Dg No 1795 dated 16.5.13 Endorsed: superseded by Dg (1795N) 31000E revised 9.5.36	6.5.13	1913	41	-	P-C	43	2
18799	GNR-No 2 Standard Steel Disc Wheel 3' 6" Diameter	Full size half section of wheel Copy of GNR Dg No 1796 dated 6.5.13	23.6.13	1913	41		P	54	2
18800	GNR-Proposed Standard Steel Disc Wheel	Full size half section of 3' 7" diameter wheel Copy of GNR Dg No 1720 dated 29.1.12	23.6.13	1913	41		B-P	50	1
18801	Particulars of Steel Disc Wheels used by Various Railway Companies	Table listing the wheels used by 11 companies and 11 principal measurements plus proposed wheel Copy of GNR drawing	30.1.13	1913	41	-	BP	33	1
18815	GER-Stratford Proposed Carriage Sidings near Western Junction	1" to 88' plan of sidings including 8 road shed and 8 coach headshunt for 54' stock at Thornton Field Copy of Engrs Dg No A13094, scheme 7	27.6.13	1913	41		P-C	50	2
18824	GER-Piston Rings for Hydraulic Reversing Gear	Full size elevation and section of 6½" diameter rings Endorsed: cancelled 14.8.13	7.13	1913	41	-	PT	33	1
18825	GER-Loco Valve Spindles-Superheated	Full size elevation and section of stuffing box Copy of United States Metallic Packing Co drawing	3.7.13	1913	41	-	BP	34	1
18845	Private Owners 20 Ton Tank Wagons for Conveyance of Sulphuric Acid	¾" to 1' elevations and underframe plan of 18' cylindrical tank wagon with steel or wood underframes Copy of Midland Railway drawing	4.13	1913	41		Litho	50	1
18846	Private Owners 10, 12 & 14 Ton Tank Wagons for the Conveyance of Sulphuric	¾" to 1' elevations and plans of 15' 4" tank wagon	4.13	1913	41	-	Litho	34	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Acid	Copy of RCH Dg No 146							
18847	Proposed Arrangement of Bottom Outlets for Tank Wagons	3" to 1' sections of outlet valve Copy of C. Roberts & Co Dg No G92 dated 17.4.13	11.8.13	1913	41		BP	50	1
18848	Safety Opening Device for Tank Outlet Cocks Manhole & outlet arrangements for tank wagons	3" to 1' elevations and sections of apparatus Copy of C. Roberts Dg No G/89 dated 16.5.13	11.8.13	1913	41		BP	51	1
18849	Taff Vale Railway-Standard Brake Rack for Wagon Stock	Full size elevations of wagon brake rack Copy of TVR Dg No 1685W dated 17.5.13	11.8.13	1913	41		BP	50	1
18850	Drawbar Plate for Wood Framed Wagons	3" to 1' elevation of plate Copy of C. Roberts g No 316/ED	6.3.13	1913	41	-	BP	32	1
18851	Private Owners' 10, 12, 14 & 20 Ton Tank Wagons for the Conveyance of Sulphuric Acid	3" to 1' details of manhole, siphon and screwdown gear for tanks Copy of MR Dg 148 RCH dated 20.5.13	11.8.13	1913	41		Litho	50	1
18852	Self Contained Buffer for New Wagons-C. Roberts & Co 'Stanton Parent Type'	Full size sectional elevation of buffer 18" projection Copy of C. Roberts & Co Ltd Dg No M/508 dated 25.4.13	11.8.13	1913	41		BP	54	2
18853	NER-Proposed Uniform British Standard Gangway Face Plate, Slot & Stud	3" to 1' elevation of face plate showing proposed alterations Copy of NER Dg No 8586 dated 20.5.13	17.7.16	1916	41	-	P-C	43	2
18854	Suggested Fat Box in Oil Axleboxes	6" to 1' section of axlebox showing fat chamber at top Copy of C. Roberts & Co Dg No 1796 dated 20.3.13	1.8.13	1913	41		BP	50	1
18855	20 ton Hopper Ore Wagon	1 ½" to 1' elevations, plans and sections of 18' 0" steel framed hopper wagon fitted with clasp brakes Copy of Hurst, Nelson & Co Ltd Dg No X6830 dated 7.3.13 My comment: for referral to RCH	11.8.13	1913	41		Litho	51	1
18856	Appendix to Addendum POS/12-Combined Pin and Tooth Brake Rack (superseding Item	6" to 1' elevation of brake rack and components	22.5.13	1913	41		BP	51	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18856	Pin and Tooth Brake Rack (superseding item No.6 on Drg 21A)	Copy of MR Dg RCH dated 22.5.13 My comment: for referral to RCH	22.5.13	1913	41		BP	51	1
18867	End Stops on Rectangular Tank Wagons	3" to 1' elevations and plans of stops mounted on wood headstocks Copy of RCH Dg No 151	6.13	1913	4	-	Litho	34	1
18868	Arrangement of Fastening Brackets for Safety Opening Device for Tank Outlet Cocks	Full size elevations and plan of bracket Copy of C. Roberts Dg No G/98 dated 21.7.13	1913		41		BP	51	1
18872 Part	GER-Stratford Coal Stage-Alternative Arrangement of Tips to avoid Slewing Road A	1/8" to 1' elevations and plan of stage	9.13	1913	41		TI	52	4
18876	GER-Diagram showing Wheelbase of Cravens 35 Ton Steam Breakdown Crane	¾" to 1' wheelbase diagram with 3' 5" diameter wheels at 5' 6", 3' 11", 6' 1" and 5' 6" centres, jib at this end. Copy of drawing annotated by Cravens 15.8.13 with weights in travelling order, total weight 68 tons	13.8.13	1913	41		PT	50	1
18877	Adhesion Oil Pump for Locomotive-Patent Applied for	Full size section and end elevation of brass pump Copy of Dewrance Dg No 32269 dated 11.8.13	11.8.13	1913	41		P-C	50	2
18878	Box Fitted with Five Sight Glasses	Full size elevation, section and plan of lubricator Copy of Dewrance & Co Dg No 32280 Endorsed: 8 1500 class Supheater	11.8.13	1913	41		P-C	51	2
18879	Oil Container for Adhesion Oil Pump for Locomotive	Full size elevation, section and plan of container Copy of ??? Dg No 32279 undated	11.8.13	1913	41	-	P-C	28	2
18891	GER-Diagram showing Weelbase of Proposed 35 Tons Steam Breakdown Crane	¾" to 1' wheel diagram of 10 wheeled crane with weights in travelling order Endorsement, in pencil: Cravens	15.8.13	1913	41	-	PT	33	1
18893	Wakefield's Patent Mechanical Lubricator No.1 Pattern-Method of Lubricating Axle Boxes	Unscaled diagram of 4-6-0 engine showing arrangement of equipment Copy of C.C. Wakefield & Co Dg No MD258 dated 6.6.13	6.6.13	1913	41		BP	50	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18894	Wakefield's Patent Mechanical Lubricator as applied to Locomotive Axle Boxes showing method of Connecting to Axle Box	Full size sections showing details of connection Copy of C.C. Wakefield & Co Dg No M153 dated 6.6.13	18.8.13	1913	41		BP	50	1
18895	The "Galloway-Hill" Patent Furnace applied to GNR Locomotive	¼" to 1' section and plan of steam jets applied to locomotive grate and ½" to 1' details of fire bars Copy of J&P Hill, Ordnance Works, Sheffield Dg No 13981 dated 17.7.11	18.8.13	1913	41		BP	50	1
18896	The "Galloway-Hill" Patent Furnace applied to GCR Locomotive Fixed Grate	¼" to 1' section and plan of steam jets applied to locomotive grate and ½" to 1' details of fire bars Copy of J&P Hill, Ordnance Works, Sheffield Dg No 14355 dated 26.6.12	18.8.13	1913	41		BP	50	1
18901	GER-10 Ton High Sided Goods Wagon-Proposed Stiffening Plate for Wagons Fitted with McCord's Bearing Spring	Full size arrangement of angled plate bolted to outside of solebar by the crown plate bolts My comment: too fragile to examine, description as photo tracing	6.10.13	1913	42	-	TI-C	3	2
18912	LNER - Water Gauge Column Seating	Full size section and plan with diagram of holes for J69 class	22.11.28	1928	42	-	P	4	1
18926	Schmidt's Superheater Apparatus applied to Revised Arrangement of Tubes and Collector	3" to 1' arrangement of apparatus Copy of Schmidt drawing My comment: too fragile to examine	11.8.10	1910	42	-	TI-C	6	4
18936	GER-Liverpool Street Station-Proposed Renewal of Turntable	1" to 33' layout showing 60ft turntable Copy of Engineers Dg No 31413 Scheme 4	2.12.13	1913	42	-	P-C	1	3
18953	GER-Southend-Proposed Hydrants for Carriage Washing	1" to 100' plan of station area showing details of pipework and ¼" to 1' section of hydrants	21.10.13	1913	42	-	P-C	3	2
18958	Feed Water Heater Applicable to "L.C.H." Class (1850 Loco) NB either Injector Feeds both Heaters	1½" to 1' sketches showing smoke box sections with feed water heater apparatus Copy of R. Kendal drawing dated 6.9.13	24.10.13	1913	42	-	PT	4	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18962	Feed Water Heater-Either Injector Feeds Through both Heaters same Moment of Feed-Applicable to "L-C-H" Class (i.e.	1½" to 1' elevations and sections of heater arrangement within firebox Copy of R. Kendal drawing 9.9.13	24.10.13	1913	42	-	PT	4	1
18963	Suggested Alteration to Feed Water Heater on 1850 Engine	Sketch elevation of alteration on smokebox Traced from Mr Ramsey Kendall's sketch 23.10.13	24.10.13	1913	42	-	PT	15	2
18966	GER-Restaurant Car Window with Louvre Ventilator	3" to 1' elevations and plan of window showing position of louvers when open	28.10.13	1913	42	-	P-C	4	1
18967	GER-Canning Town Goods Depot and Pepper Warehouses	1" to 88' plan of area showing clearances below construction gauge	27.10.13	1913	42	-	P	3	2
18973	GER Southend-Proposed Modification of Run of Pipeline from Rochford, between Prittlewell and Southend Tank	Unscaled plan showing pipe run Copy of District Engineer's Dg No S10687 dated 3.11.13	10.11.13	1913	42	-	PT	6	1
18975	GCR-15 Ton Well Glass Wagon	¼" to 1' elevations of 28' wagon, steel frame 20' wheelbase with well to carry glass vertically Copy of GCR drawing 13.6.13	13.6.13	1913	42	-	PT	4	1
18983	Brake Pipes on Carriages-Three Proposals of Valve for Water Trap on Westinghouse	Full size details My comment: too fragile to examine	- .1.13	1913	42	-	TI-C	6	4
18984	Arrangement of Dewrance's Patent Cocks for Holden's Patent Liquid Fuel Apparatus	Full size elevations and section of cocks traced from Dg No 8776 Copy of Dewrance & Co Dg No 19114 dated 31.12.02	25.3.02	1902	42	-	BP	4	2
	Knorr System-Alternative Design for 10" Piston Valve-Six Wheels Coupled Express Engines Class S69 Knorr System-Alternative Design for 10" Piston Valve-Six Wheels Coupled Express Engines Class S69	Full size section of piston valve Endorsed: reference to GER Dg No 18024 Copy of Knorr Brake Co Dg No 748 dated 9.13	- .9.13				BP		2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
18986	Six Wheels Coupled Bogie Express Engines S69 Class-Valve Bushing for Piston Valve	Full size section of piston valve		1913	42	-		4	
		Endorsed: reference to GER Dg No 18024 Copy of Knorr Brake Co Dg No 736 dated 17.7.13	17.7.13				BP		2
		Full size details and development of steam ports My comment: this is a copy of GER Dg No 17225	- .9.13				PT-C		3
18988	GER-4 Wheels Coupled Engine Class T19- Tubeplate Layout for Schmidt's Patent Superheater	1½" to 1' elevations of tubeplate Copy of Schmidt Dg No 424 dated 22.7.13	22.7.13	1913	42	-	BP	6	1
19000	Sketch Elevations and Sections of Attachment for Steel and Wood Framed Carriages to Prevent Telescoping	Sketch elevations of device bolted to the corners of carriage and a written description signed by John W. Willis	20.10.13	1913	42	-	P	4	2
19006	Taylor's Rolled Steel "Empire" Disc Wheel	Full size half section of 3'2" diameter wheel Copy of Taylor Bros Dg No 391 dated 21.11.13	21.11.13	1913	42	-	PT	6	1
19013	GER-Four Wheels Coupled Express Engines Class D56-Arrangement of Feed Water Heater	3" to 1' elevations and sections of heater in smokebox Endorsed: for sections see Dg No 18823	- .12.13	1913	42	-	PT	6	1
19018	GER-Sketch Shewing Arrangement for Oil Inlet to LH Steam Pipe Connection for Engine No.1501	3" to 1' and full size details of components	28.11.13	1913	42	-	PT	3	1
19020	LNER-Water Gauge Column Seating	Full size section and plan of seating for classes B12, D16 and N7 and diagram for D15 and J18 classes	22.11.28	1928	42	-	P	4	1
19022	GER-Spanner for Taper Pin of Coupling Rod Crank Pin Washer	Full size elevation and plan of spanner	5.12.13	1913	42	-	PT	3	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19030	GER-March Station shewing Proposed Loco Office	Unscaled plan of station area	8.12.13	1913	42	-	PT	3	1
19034	GER-54 Feet Steel Underframe for Bogie Carriages-Midland Railway	1" to 1' arrangement of underframe Copy of Midland Dg No 3819 My comment: too fragile to examine	- .1.13	1913	42	-	P	1	2
19038	GER-March-Proposed Additional Gas Lamp	1" to 66' plan of area near Weighbridge signal box for lamp at end of coal stage	15.12.13	1913	42	-	PT	3	1
19041	GER-Ely Train Control-Diagram of Telephone Circuits-Scheme A (Addendum)	Line diagram listing stations and boxes from Stratford to Peterboro Loco, the St Ives loop, Ipswich Loco to Ely; to Lynn Loco and Roudham Junction and Wisbech Harbour Jn and diagrams of circuits Copy of Electrical Engineers Dg No 25.10.R.13.652 dated 19.11.13	16.12.13	1913	42	-	PT	4	1
19042	GER-Ely Train Control-Diagram of Telephone Circuits-Scheme B (Addendum)	Line diagram listing stations and boxes from Stratford to Peterboro Loco, the St Ives loop, Ipswich Loco to Ely; to Lynn Loco and Roudham Junction and Wisbech Harbour Jn and diagrams of 3 indicators Copy of Electrical Engineers Dg No 25.10.R.13.652 dated 19.11.13	25.10.13	1913	42	-	PT-C	4	1
19046	GER-Screws for Tee Squares	Full size elevation and section of brass screws for securing drawing office tee squares	12.4.07	1907	42	-	PT-C	3	2
19048	Bending Moment Diagrams of 35 ton Cranes Crossing 25ft span	¼" to 1' and 1" to 100 ft tons bending moments for 10 wheel cranes by Messrs Craven Ltd, Messrs Cowan, Sheldon and Ransomes & Rapier	23.12.13	1913	42	-	TI-C	3	3
19051	Bending Moment Diagram of Craven's 35 Ton Crane Crossing 25 ft Span	¼" to 1' and 1" to 100 ft tons bending moments for 10 wheel crane	- .12.13	1913	42	-	TI-C	3	2
19056 -2	GER-Diagram of Proposed 1 st Class Restaurant & Kitchen Car	3/8" to 1' interior plan of 54' carriage	8.1.14	1914	42	-	P-C	3	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19062	GER-Cottages for Staff (Loco Dept)	1/8" to 1' elevations and plans of 3 bedroom cottages Copy of Engineers Dg No A.16509 28.1.14	6.2.14	1914	42	-	P-C	3	1
19063	GER-Suggested Stop for Hind Spring of One Horse Lorries	1 ½" to 1' elevation of spring and 3" to 1' details of stop	7.1.13	1913	42	-	P	1	2
19066	GER Lowestoft-Plan of Proposed Quay and Siding Accommodation	Unscaled plan of inner harbour area Copy of Engineer's Dg No 31528	19.1.14	1914	42	-	P-C	5	3
19068	GER Norwich-Proposed Additional Carriage and Wagon Repairing Sidings	1" to 66' plan of area north of gas works	13.1.13	1913	42	-	PT-C	4	1
19069	GER-Diagram of Proposed Third Class Restaurant Car	3/8" to 1' interior plan of 54' open car to seat 44 passengers, lobby at each end	15.1.14	1914	42	-	P-C	3	1
19081	GER-Diagram Showing Proposed Heater for Carriages	1½" to 1' section of under seat heater	19.1.14	1914	42	-	PT	3	1
19081-1	GER-Diagram Showing Proposed Heater for Carriages	1½" to 1' elevation of under seat heater, connections to train pipe, handle and	19.1.14	1914	42	-	PT	4	1
19089	Wagon Buffer (Martin's Patent No 17078)	6" to 1' sections, elevations and plan of self contained buffer Copy of Martin's Dg No 468	20.8.13	1913	42	-	BP	3	2
19090	GWR-Minimum Tyre Sections	Full size sections of 4 tyres Copy of GWR Dg No 40444 dated 9.13	- .9.13	1913	42	-	BP	6	1
19091	East London Rly Electrification-Signalling	Diagrammatic map showing track and signalling from Shoreditch to New Cross Copy of Lithograph produced by Signal Superintendents Office, Westcombe Park	6.3.13	1913	42	-	Litho	3	2
19092	Tests of Volute Springs for Self-contained Buffers Submitted by Messrs. G. Turton Platts & Co. Ltd.	Diagrams of Midland Rly tests No 749A and 749B Copy of RCH Dg No 156	10.12.13	1913	42	-	P-C	3	3
19094	Rees & Moreton's Improved Buffer Arrangement	3" to 1' elevations and plan of buffer on wood frame with description attached Copy of North Central Wagon Co, Ltd Ickles Works, Rotherham drawing	- .8.13	1913	42	-	BP	4	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19095	10 Ton Tank Wagon	1½" to 1' general arrangement of 18' steel framed cylindrical tank wagon Copy of Hurst, Nelson Dg No X.6930	8.10.13	1913	42	-	BP	3	2
19096	Self-contained Buffer with 4½" Stroke for New Wagons	Full size sections and elevation of buffer Copy of G. Turton, Platts & Co Ltd, Sheffield Dg No 4432	14.11.13	1913	42	-	BP	1	1
19097	Self-contained Buffer with 4½" Stroke for New Wagons	Full size sections and elevation of buffer Copy of G. Turton, Platt & Co Ltd, Sheffield Dg No 4435	14.11.13	1913	42	-	BP	1	1
19098	Private Owners Wagons-Ordinary (except 30 ton) & Tank Wagons-Alternative Buffing Arrangement	6" to 1' elevations and sections of buffing arrangement Copy of RCH lithograph No 167 received from the Midland Railway	10.12.13	1913	42	-	Litho	1	1
19103	Locomotive Surface Feed Heater	6" to 1' elevation, plan and section of heater Copy of C&J Weir Dg No 27881	23.1.14	1914	42	-	PT	3	1
19104	GER-Sketch of Boiler of Tank Engine No.311 showing Defective Firebox Stays	1½" to 1' elevations of left and right hand sides of firebox, throat plate and back plan Endorsed: firebox fitted with copper stays throughout	23.1.14	1914	42	-	PT	4	1
19108	Plan of Pyewipe Loco Premises showing Run of Water Pipes from Pump House and Proposed New Tangye Pump, Suction & Delivery Pipes	1" to 50' plan and 1/8" to 1' enlargement of pump house	27.1.14	1914	42	-	PT	15	2
19114	GNR-Locking Arrangement for Treadle Brakes on Road Vans-GNR	Full size elevations and plan of arrangement Copy of GNR Dg No 1944	24.12.13	1913	42	-	BP	3	2
19117	GER-Sketch of Broken Drawbar Pin from the Patent Victoria Stone Cos. Wagon No.308	Full size plan and elevation of pin	2.2.14	1914	42	-	PT	4	1
	Col Yorke's Suggestion to Prevent	1½" to 1' sketch							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19119	Coltorke's Suggestion to Prevent Telescoping of Railway Vehicles	My comment: remnant of drawing only	- .4.11	1911	42	-	TI-C	4	4
19121	GER-Colchester-Sketch Shewing Position of Lamp near Engine Turntable	Unscaled plan of turntable area	4.2.14	1914	42	-	PT	3	1
19128	GER Cottages for Staff (Loco Dept.)	1/8" to 1' elevations and plan of 4 bedroom semi detached house, estimated cost £520 per pair My comment: two copies of plan Copy of Chief Engineers Dg No 16508A dated 28.1.14	28.1.14	1914	42	-	P-C	4	2
19134	GER-Telescoping Preventatives: Portion of Steel Underframe of Bogie Carriage showing "Telescoping Preventive" Attached-Drawing A Portion of Corridor Carriage Body showing Telescoping Preventatives Attached-Drawing B Portion of Steel Frame of 6 Wheeled Coach showing Telescoping Preventatives Attached (in these vehicles these preventatives are under the seat ends)-Drawing C Plan of Floor Framing showing Amount of Bottom Side to be Cut Away Letter dated 1.12.13 from District Engineers Office	1½" to 1' side elevation, half end elevation and half plan of bogie carriage end showing the casting fixed to solebar end of pressed steel or cast iron 4" to 1' part plans of carriage body ends and elevations showing position of casting 1" to 1' side and end elevations and plan of end of steel frame showing position of castings Endorsed: for details see drawing A Sections of body end of carriage	1.12.13	1913	42	-	P P	4	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
							TI-C		
19135	I.S.Rly North Western-Cast Iron Steam Collector- Schmidt's Patent	3" to 1' elevations, sections and plan of collector Copy of Schmidt Superheating Co 1910 Ltd Loco Dept Dg No 433	16.10.13	1913	42		BP	4	2
	I.S.Rly North Western-Full Size Section of Header on Line AB-see Dg No 433 Schmidt's Patent	Full size section of header Copy of Schmidt Superheating Co 1910 Ltd Loco Dept drawing	16.10.13				BP		
19136	GNR-Balanced Slide Valve for Superheater Engines Class "C1" with No.31 Cylinders	Full size elevations and sections of slide valve Copy of GNR Dg No 164MV	23.12.13	1913	42	-	P-C	3	2
19137	SE&CR-Maximum Construction Gauge for Rolling Stock not Exceeding 52'0" in Length for War Office Ambulance Trains	1½" to 1' profile of gauge with comments Copy of SE&CR drawing	- .5.12	1912	42	-	P	3	2
19142	GER-Engine Screw Coupling Shewing Proposed Alteration to Screw for Engines S69 Class	Full size elevation and plan	2.2.14	1914	42	-	TI	4	3
19144	GER Southend-Proposed Hydrants for Carriage Washing	1" to 66' plan of station area with ¼" to 1' section of paved area Copy of Engineer's Dg No 355549 12.1.14	13.2.14	1914	42	-	P-C	15	3
19147	GER-Ely- Proposed Train Control Office	¼" to 1' site plan and 1" to 8' internal layout of office at north end of station Copy of Engineer's Dg No A18371 8.9.13	16.2.14	1914	42	-	PT	15	2
19148	GER-Proposed Electrification of Suburban Lines- Diagram Shewing Suggested Rearrangement of Traffic	Diagram of lines from Liverpool St to Maryland Point showing the separation of traffic and indicating the proposed flyover at Stratford Copy of Electrical Engineer's Dg No 546 dated 14.5.13	14.5.13	1913	42	-	P-C	6	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19149	GER-Proposed Electrification of Suburban Lines - Suggested Flying Junction	1/2500 plan of main line between Bow Jn and Maryland Point station showing position of fly over, rising from Pudding Mill River crossing the main line east of Warton Road, south of Stratford station and regaining the line east of Angel Lane Copy of Electrical Engineers Dg No 545 dated 14.5.13	14.5.13	1913	42	-	P-C	4	2
19150	Isaacson's Link Motion Patented	Diagrams of various cut offs Copy of Manning, Wardle drawing	- .5.08	1908	42	-	BP	15	2
19151	GER-Diagram of Isaacson's Link Motion	Series of diagrams showing motion in full forward gear, full back gear and 50% forward gear Copy of SDO Dg No 3350	- .5.08	1908	42	-	P	4	2
19152	Illustration of Isaacson's Patented Link Motion	Photograph	- .9.08	1908	42	-	Print	15	2
19157	GER-Comparative statement of wagon stock	Table listing 6 types of wagon-L&Y 20' low goods; L&Y 20' fruit; L&Y 20' covered goods; GER 20 ton coal; GER high side goods, GER Covered goods, (coalition type) with dimensional and construction comparisons Copy of LYR drawing dated 14.2.14	18.2.14	1914	42	-	PT	4	1
19164	GER-Reunion Dinner Friday 28 th November 1913	Key diagram of photograph of those who attended Stratford drawing office reunion dinner and their names	20.2.14	1914	42	-	PT	1	2
19172	GER-Diagram showing Movement of Swing Beam caused by Lateral Shock to Bogie	2" to 1' diagrams	4.3.14	1914	42	-	PT	15	1
19191	MR-Standard Buffer for Main Line Carriages- Alex Spencer's Patent Buffer	Full size half section and elevation of buffer with 1'5" diameter head Copy of George Spencer, Moulton & Co Ltd Dg No 2416	12.2.14	1914	42	-	BP	4	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19181		Photographic reduction of drawing showing elevations and sectional plan of buffer and patent spring Copy of George Spencer, Moulton & Co Ltd Dg No 2377 dated 13.2.14	13.2.14	1914	42	-	BP	4	1
19182	Details of Combined Bye-pass, Steam Circulating & Relief Valve for Schmidt's Patent Superheater	Full size elevation and section of valve Copy of Schmidt Dg No 456	5.1.14	1914	42	-	BP	3	1
19183	Relief Valve	Full size sections, elevations and plan of valves Copy of Schmidt Superheating Co 1910 Ltd Dg No 376 dated 29.5.13	29.4.13	1913	42	-	P-C	4	1
19184	Schmidt Superheating Co. Ltd.-Combined Bye-Pass, Steam Circulating and Relief Valve Arrangement-Patent Applied For	Full size elevation and section of valve Copy of Schmidt Superheating Co 1910 Ltd Loco Dept Dg No 431	15.1.14	1914	42	-	P	4	2
19185	Schmidt's Patent Smoke Box Arrangement fitted with Patent Steam Circulating Device	3" to 1' arrangement shown in section of smoke box My comment: too fragile to examine	- .1.14	1914	42	-	P	6	2
19186	NSWC Rly-10 Piston Valve	Full size section and elevation of valve Copy of Schmidt Superheating Co 1910 Ltd Dg No 258	17.6.12	1912	42	-	BP	4	3
19187	Schmidt's Superheating Co. Ltd	1½" to 1' section through smoke box and cylinders Copy of Schmidt Superheater Co 1910 drawing	29.5.13	1913	42	-	BP	6	1
19188	W.H. Biddle	Sketch showing arrangement of brush gear on engine W.H. Biddle's Patent	4,3,14	1914	42	-	PT	15	1
19189	Details of Ramp in Permanent Way	Two cross sections and a perspective view of a ramp mounted within the 4ft linked to a lower quadrant signal Copy of W.H. Biddle drawing dated 4.3.14	4.3.14	1914	42	-	PT-C	5	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19191	GN&GE Joint Cottages at March	1/8" to 1' interior plans of 2 storey cottages	- .3.14	1914	43	-	P-C	15	2
19195	GER Yarmouth South Town-Plan of Locomotive Yard shewing proposed Site for	1" to 44' plan of locomotive sidings My comment: too fragile to examine	5.6.14	1914	5	-	P	39	4
19195-1	GER-Yarmouth Southtown-Proposed Site for New 65 ft Engine Turntable	1" to 44' plan of locomotive yard area showing replacement of 45'5" turntable	23.6.14	1914	43	-	P	2	2
19195-2	GER-Yarmouth Southtown-Proposed Site for New 65 ft. Engine Turntable	1" to 44' plan of locomotive sidings	18.6.14	1914	43	-	P	15	2
19195-3	GER-Yarmouth Southtown-Proposed Site for New 65ft Engine Turntable	1" to 44' plan of locomotive sidings	1.7.14	1914	43	-	P	15	2
19198	GER Cottages for Staff (Loco Dept.)-Scheme A	1" to 8' elevations and plan of semi detached pair	6.3.14	1914	43	-	P	15	2
19199	GER-Cottages for Staff (Loco Dept)	1/8" to 1' elevations, plans and sections of 2 storey cottages-Scheme B	10.6.14	1914	43	-	P-C	2	2
19204	Midland Rly-Schmidt's Superheater-Smokebox & Firebox Tubeplates	3" to 1' details for engines fitted with Schmidt's Superheater showing disposition of superheater and boiler flue tubes in smokebox and firebox Copy of MR drawing My comment: too fragile to examine	9.3.14	1914	43	-	P	15	3
19213	GER-Canning Town Goods Depot-Proposed Siding	1" to 88' plan of siding east of River Lea Copy of Engineer's Dg No A16568 dated 10.3.14	23.3.14	1914	43	-	P-C	6	1
19213-1	GER Canning Town Goods Depot-Proposed Siding	1" to 88' plan of area near Lea River bridge	5.8.14	1914	43	-	P-C	2	1
19219	Stratford-Proposed Carriage Sidings near Western Junction	1" to 33' plan of area near Western Junction Copy of Engineer's Dg No A13094 Scheme 8 My comment: too fragile to examine	- .3.14	1914	43	-	P	6	2
19232	Six Coupled Radial Tank Engines L77 Class-Arrangement of Motion	3" to 1' elevations and plan of motion Endorsed: altered 11.12.25 My comment: too fragile to examine	3.7.14	1914	43	-	P-C	13	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19236	GER-Six Wheels Coupled Radial Tank Engines Class L77	3" to 1' elevations, sections and plan of cylinder showing proposed alteration My note: original drawing dated 5.14	3.10.17	1927	45		P	52	2
19291	Cawood's Patent Steel Weldless Draw-bar Cradle-New Standard	2" to 1' elevation and plan of cradle	23.3.14	1914	43	-	BP	15	2
19305	GER-Cottages for Staff-Superior Type	1/8" to 1' plan of 3 bedroom cottages with bathroom Copy of Engineers Dg No A.16571	2.4.14	1914	43	-	P-C	2	1
19306	GER-Cottages for Staff (Ordinary Type)	1/8" to 1' plan of 3 bedroom house Copy of Engineer's Dg No 16573A dated 28.3.14	10.6.14	1914	43	-	P-C	6	2
19311	Weir's Patent Locomotive Surface Feed Heater	6" to 1' arrangement of heater Copy of Weir Dg No 27881 My comment: too fragile to examine	13.8.13	1913	43	-	P	15	2
19323	Combination Ejector-Gresham Dreadnought Vacuum Automatic Brake	Full size sections of valve Copy of G&C Dg No 7095.10 11.1.11	11.1.11	1911	43	-	Litho	14	2
19329	The "Direct" Type Sander for British Style of Sand Box	Full size section of gear Copy of Lambert Dg N 2198	29.11.12	1912	43	-	BP	6	
19330	Arrangement "B" 5½ x 7¾" x 6" Loco Feed Pump LFP 2	3" to 1' elevations and plan of pump Copy of C&J Weir & Co, Ltd Dg No T.1282	12.8.13	1913	43	-	P	2	3
19331	Midland Railway-untitled	Unscaled cross sections of drawhooks with dimensions comparing old with new Copy of Midland Rly Dg No 165 RCH and 160 RCH	6.5.14	1914	43	-	P	3	1
19333	12 Ton Hopper Wagon	1½" to 1' general arrangement of 16' 6" hopper wagon Copy of Metropolitan RC&W Dg No 1528 9.7.13	9.7.13	1913	43	-	BP	14	2
19334	GER-Southend-Proposed Additional Accommodation	1" to 66' plan of area between Prittlewell and Southend showing extensive alterations and details of proposed wagon capacities	20.4.14	1914	43	-	P-C	3	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of Engineers Dg No 103985 5.1.14 scheme 3							
19335	Private Owners Ordinary (except 30 ton) & Tank Wagons-Alternative Buffing Arrangement	6" to 1' elevation and plan of steel frame Copy of Midland Railway Dg No 167 RCH 31.5.14	20.4.14	1914	43	-	Litho	3	2
19346	GER-1 st Class Restaurant Car Hook of Holland Train-Proposed Conversion of Lavatories into Luggage Lockers	3/8" to 1' interior plan of 48'3" carriage showing lockers at one end	- .4.14	1914	43	-	P-C	3	2
19366	"Herculo" Bearing Spring Arrangement for Locomotive Tender	6" to 1' arrangement of bearing spring Copy of McKerrow & Co drawing My comment: too fragile to examine	29.4.14	1914	43	-	P	1	1
19367	Steam Heating Hose Coupling-Gresham Type	Full size elevations of pipe and section of connector Copy of G&C Dg No 6022	1.2.06	1906	43	-	BP	14	2
19368	NER-Steam Heating Hose Coupling-Colds Type	Full size elevations of pipe and section of connector Copy of NER drawing	9.2.06	1906	43	-	BP	14	2
19371	GER Lowestoft-Plan of Proposed Quay and Siding Accommodation (Signals)	No details available Copy of Engineers Dg No 31598 My comment: too fragile to examine	26.5.14	1914	43	-	P-C	2	3
19376	GER-35 Tons Accident Crane-Proposed Method of Actuating Travelling Gear with One Handwheel	1½" to 1' elevation and section of gear	5.6.14	1914	43	-	P	1	2
19381	GER-Wrought Steel Disc Wheel	Full size half section of 3'6 7/8" carriage wheel and 3" to 1' elevation of axle Endorsed: altered 6.2.19	6.2.19	1919	43	-	P	15	3
19383	Sketch Showing Clearance between Nose of Drawhook & Coupling on Various GE Wagons	3" to 1' diagrams showing three variations	6.7.14	1914	43	-	P	15	3
19384	10 Ton Ballast Wagon	1½" to 1' general arrangement of 3 plank 16' dropside ballast wagon Copy of Hurst, Nelson Dg No X.8152	2.6.14	1914	43	-	BP	2	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19402	GER-Diagram showing Standard 50' Carriage Arranged for Proposed Ambulance Train, Fouling SE&CR Loading Gauge	Full size diagram	30.6.14	1914	43	-	PT	15	1
19407	Steam Heating Carriages-Sketch showing W.B. Payne's Suggestion	Isometric sketch showing compartment with transverse heating pipes under grill set in compartment floor	6.7.14	1914	43	-	PT	2	2
19417	MR-Thin Flange Sections	Twice full size, three drawings of thin flange sections against rail: Copy of Midland Dg No S-2129 copied from GWR Dg No 43238E; MR Dg No S-2132 copied from GWR Dg No 43238G and MR Dg No S-2130 copied from GWR Dg No 43238F	6.7.14	1914	43	-	Litho	2	2
19425	GER-Plan of Estate belonging to the March Education Foundation	1" to 66' plan of area south of March station	13.7.14	1914	43	-	P	3	2
19433	Arrangement of Discharge Pipe & Vent-Messrs Read, Holiday & Sons Ltd	1½" to 1; sectional elevation of assembly Copy of C. Roberts Dg No G.111 1.5.14	17.7.14	1914	43	-	BP	3	1
19434	Proposed Identification Plate for Starred Tank Wagons	Full size elevation and plan of 7½" star plate Copy of Midland Rly Dg No 155RCH 6.5.14	27.7.14	1914	43	-	Litho	15	2
19435	GER-"Herculo" Bearing Spring Arrangement for Locomotive Tender	6" to 1' arrangement of springing Copy of McKerrow Dg No 1130	22.6.14	1914	43	-	P	15	3
19436	Tenders-"Hercula" Bearing spring-Arrangement for GER Rolling Stock	6" to 1' arrangement Copy of McKerrow Dg No 1129 My comment: too fragile to examine	22.6.14	1914	43	-	P	6	2
19437	1¼" Spraying Valve-G & J Weir Ltd	Full size section of valve Copy of G&J Weir Dg No T.1483	30.1.14	1914	43	-	P	1	2
19438	G. & J. Weir Ltd.-Arrangement "A" 5" x 7¼" x 5" Loco Feed Pump LFP.1	3" to 1' elevations and plan of pump Copy of C&J Weir Dg No T.1084	27.7.14	1914	43	-	P	3	2
19445	GER-Naval Ambulance Train	1/8" to 1' interior plans of 10 coach train formed from 1 brake to dia 535 and 9 brake 3rds to dia 541 50' stock	18.8.14	1914	44	-	P.C	21	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19445	GER-Naval Ambulance Train	Endorsed: scheme 1 provides for 92 cots and 288 seats; scheme 2 100 cots and 264 seats	18.8.14	1914	44	-	P-C	21	2
19448	Midland Rly-4-4-0 Passenger Train Engine	¼" to 1' diagram of wheel diameters and spacing Copied from MR drawing dated 6.8.14	6.8.14	1914	44	-	PT	21	2
19449	Midland Rly-0-6-0 Goods Engine	¼" to 1' diagram of wheel diameters and spacing Copied from MR drawing dated 6.8.14	6.8.14	1914	44	-	PT	21	2
19450	Midland Rly-0-6-0 Goods Engine No 2 Class Goods Double Framed	¼" to 1' diagram of wheel diameters and spacing Copied from MR drawing dated 6.8.14	6.8.14	1914	44	-	PT	21	2
19451	NER Loco Dept Gateshead-Class R	¼" to 1' diagram of wheel diameters and spacing Copied from NER drawing dated 6.8.14	6.8.14	1914	44	-	PT	21	2
19452	NER Darlington-Diagram of Wheel Diameters & Spacings-Class R1	3/8" to 1' diagram of 4-4-0 engine Copy of NER drawing	6.8.14	1914	44	-	PT	17	2
19453	NER-Loco Dept. Gateshead-Class V	¼" to 1' wheel weight diagram of 4-4-2 tender engine Copied from NER drawing	6.8.14	1914	44	-	PT	29	1
19454	NER-Loco Dept. Darlington-Atlantic Type Class Z & Z1	¼" to 1' wheel weight diagram of 4-4-2 tender engine Copied from NER drawing	6.8.14	1914	44	-	PT	29	1
19455	NER Loco Dept Darlington-Class S2-Diagram of Wheel Dimensions and Axle Weights	¼" to 1' diagram Copy of NER drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	1
19456	LB&SCR-Type 4-6-2 Superheated Class J-- Express Passenger Tank Engine	¼" to 1' wheel weight diagram of 4-6-2 tank engine Traced from LB&SCR drawing	6.8.14	1914	44	-	PT	29	1
19457	LB&SCR-Type 4-4-2 Superheated Class H2 Express Passenger Engine-Diagram of	¼" to 1' diagram of 4-4-2 engine Copy of LBSCR drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	1
19458	LB&SCR-Type 4-4-0 Express Passenger Train Engine Class B4/	¼" to 1' wheel weight diagram of 4-4-0 tender engine Traced from LB&SCR drawing	6.8.14	1914	44	-	PT	29	1
19459	LB&SCR-0-6-0 Goods Train Engine-Diagram of Wheel Diameters and Spacings	¼" to 1' wheelbase diagram Copy of LBSCR drawing dated 6.8.14	10.8.14	1914	44	-	PT	12	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19460	LB&SCR-0-6-0 Gods Engine Class C2/x	¼" to 1' wheel weight diagram of 0-6-0 tank engine Traced from LB&SCR drawing	6.8.14	1914	44	-	PT	29	1
19461	Midland Railway-4-4-0 Passenger Engine with Superheater, No.2 Class Passenger	Unscaled weight diagram Copy of MR drawing dated 6.8.14	10.8.14	1914	44	-	PT	7	1
19462	MR-0-6-0 Goods Engine No.3 Class Goods	¼" to 1' wheel weight diagram of 0-6-0 tender engine Traced from MR drawing	6.8.14	1914	44	-	PT	29	1
19463	MR-0-6-0 Goods Engine-No 1Class Gods	¼" to 1' wheel weight diagram of 0-6-0 tank engine Traced from MR drawing	6.8.14	1914	44	-	PT	29	1
19464	MR-4-4-0 Passenger Engine No 2 Class Passenger (Saturated)	¼" to 1' wheel weight diagram of 4-4-0 tender engine Traced from MR drawing	6.8.14	1914	44	-	PT	29	1
19465	LB&SCR-Type 2-6-0 Superheated Class K Express Goods Engine-Diagram of Wheel	¼" to 1' diagram of 2-6-0 engine Copy of LBSCR drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	2
19466	GNR-Express Passenger Engine 4-4-2 Type	¼" to 1' wheel weight diagram of 4-4-2 tank engine Traced from GCR drawing	6.8.14	1914	44	-	PT	29	1
19467	GNR-Superheater Express Passenger Engine 4-4-0 Type D1 Class	¼" to 1' diagram of wheel dimensions and axle weights Copy of GNR drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	1
19468	GNR-2-8-0 Goods Engine Class O1	¼" to 1' diagram of wheel dimensions and axle weights Copy of GNR drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	1
19469	GNR-Express Goods Engine 2-6-0 H3 Class	¼" to 1' diagram of wheel dimensions and axle weights Copy of GNR drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	1
19470	GNR-Four Wheel Coupled Express Engine	¼" to 1' diagram of wheel dimensions and axle weights Copy of GNR drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	1
19471	GNR-6 Wheels Coupled Goods Engine (Superheater) J22 Class	Wheelbase diagram with weights of 0-6-0 engine Copy of GNR drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	2
19472	GCR-4-6-0 No.1 Class	¼" to 1' diagram of wheel dimensions and axle weights	10.8.14	1914	44	-	PT	9	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of GCR drawing dated 6.8.14							
19473	GCR-4-4-0No.11E Class	¼" to 1' diagram of wheel diameters and spacing Copied from GCR drawing dated 6.8.14	6.8.14	1914	44	-	PT	21	2
19474	GCR-4-4-2 No.8B Class	¼" to 1' wheel weight diagram of 4-4-2 tender engine Traced from GCR drawing	6.8.14	1914	44	-	PT	29	1
19475	GCR-0-8-0 No 8A Class	¼" to 1' wheel weight diagram of 0-8-0 tender engine Traced from GCR drawing	6.8.14	1914	44	-	PT	29	1
19476	GCR 4-6-0 No.8F Class	¼" to 1' diagram of wheel dimensions and axle weights Copy of GCR drawing dated 6.8.14	10.8.14	1914	44	-	PT	9	1
19477	GCR-Diagram of Wheel Diameters & Centres 2-8-0 No 8 K Class	¼" diagram	6.8.14	1914	44	-	PT	16	2
19478	GWR-Type 4-6-0 Lots 97,101,102, 105, 113, 118, 120-Diagram of Wheel Diameters &	¼" to 1' wheel diagram of 4-4-0 engine Copy of GWR drawing	7.8.14	1914	44	-	PT	18	2
19479	GWR-Diagram of Wheel Diameters & Centres 4-4-0 Lot 141	¼" to 1' diagram	7.8.14	1914	44	-	PT	16	1
19480	SER-Tender Goods Engine 0-6-0 Type Class C	¼" to 1' diagram of wheel dimensions and axle weights Copy of SER drawing dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19481	SER-Tender Goods Engine 0-6-0 Type Class O	¼" to 1' wheel weight diagram of 0-6-0 tender engine Traced from SER drawing	7.8.14	1914	44	-	PT	29	1
19482	SER-Superheater Tank Engine 0-6-4 Class J	¼" to 1' wheel weight diagram of 0-6-4 tank engine Traced from SER drawing	7.8.14	1914	44	-	PT	29	1
19483	GWR-Class 2-6-0 Mixed Traffic, Lot 193-Diagram of Wheel Diameters & Spacings	¼" to 1' wheelbase diagram Copy of GWR drawing dated 7.8.14	10.8.14	1914	44	-	PT	12	1
19484	SE&CR-4-4-0 Express Engine Class F1-Diagram of Wheel Diameters & Spacings	¼" to 1' wheelbase diagram Copy of SECR drawing dated 7.8.14	10.8.14	1914	44	-	PT	12	1
19485	SE&CR-0-6-0 Goods Engine (LC&DR) Class	¼" to 1' wheel weight diagram of 0-6-0 tender engine	7.8.14	1914	44	-	PT	29	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	BB	Traced from SE&CR drawing							
19486	L&SWR-4 Wheels Coupled Bogie Passenger Train Engine-Diagram of Wheel Diameters & Spacing	¼" to 1' diagram of wheel diameters & spacing Copy of LSWR Dia 14	10.8.14	1914	44	-	PT	22	1
19487	L&SWR-4 Wheels Coupled Bogie Express Engine, 4-4-0 Type-Diagram of Wheel	¼" to 1' wheelbase diagram Copy of LSWR Dg No 17	7.8.14	1914	44	-	PT	12	1
19488	LSWR-6 Wheels Coupled Goods Engine 0-6-0 Type	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia No 16	10.8.14	1914	44	-	PT	9	1
19489	SECR-Express Passenger Train Engine 4-4-0-Diagram of Wheel Diameters & Spacings	¼" to 1' wheel diagram of 4-4-0 engine Copy of SECR drawing	7.8.14	1914	44	-	PT	18	2
19490	SE&CR-Express Passenger Train Engine (Superheater) 4-4-0 Class L	¼" to 1' diagram of wheel diameters and spacing Copied from SECR drawing dated 7.8.14	7.8.14	1914	44	-	PT	21	2
19491	SECR-Express Passenger Engine 4-4-0 Class E	¼" to 1' diagram of wheel dimensions and axle weights Copy of SECR drawing dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19492	L&SWR-4 Wheels Coupled Express Engine Type 4-4-0 Diagram of Wheel Diameters & Spacings	¼" to 1' wheel diagram of 4-4-0 engine Copy of LSWR drawing	7.8.14	1914	44	-	PT	18	2
19493	LSWR-4 Wheels Coupled Bogie Passenger Engine & Tender Type 4-4-0	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 36 dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19494	LSWR-4 Wheels Coupled Mixed Traffic Engine Type 4-4-0	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 49 dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19495	LSWR-4 Wheels Coupled Mixed Traffic Engine Type 4-4-0	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 42 dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19496	LSWR-4 Wheels Coupled Bogie Express Engine Type 4-4-0	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 55 dated 7.8.14	10.8.14	1914	44	-	PT	9	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19497	LSWR-4 Wheels Coupled Passenger Engine Type 04/04/2000	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 24 dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19498	LSWR-4-4-0 Passenger Engine	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 18 dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19499	LSWR- 0-4-2 Mixed Traffic Engine	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 19A dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19500	GWR-Class 4-4-0, Lot 149	¼" to 1' diagram of wheel dimensions and axle weights Copy of GWR drawing dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19501	LSWR-6 Wheels Coupled Goods Engine Type 0-6-0	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 30 dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19502	LSWR-4 Wheels Coupled Bogie Passenger Engine Type 4-4-0	¼" to 1' diagram of wheel dimensions and axle weights Copy of LSWR Dia 23 dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19503	GWR-Type 4-6-0 Lot 195 Diagram of Wheel Diameters & Spacings	¼" to 1' wheel diagram of 4-6-0 engine Copy of GWR drawing	7.8.14	1914	44	-	PT	18	2
19504	LNWR 5' 0" 6 Coupled Goods Engine 0-6-0 Type First Engine Built July 1880	¼" to 1' diagram of wheel dimensions and axle weights Copy of LNWR drawing dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19505	LNWR- 5' 6" 4 Coupled Side Tank Engine 2-4-2 Type First Engine Built 1890	¼" to 1' diagram of wheel dimensions and axle weights Copy of LNWR drawing dated 7.8.14	10.8.14	1914	44	-	PT	9	1
19506	GCR-Engine Type 4-4-0 No 2 Class & No 2A Class	¼" to 1' diagram of wheel diameters and spacing Copied from GCR drawing dated 7.8.14	7.8.14	1914	44	-	PT	21	2
19507	GCR-Engine Type 4-6-0 Class No 1A	¼" to 1' diagram of wheel diameters and spacing Copied from GCR drawing undated	7.8.14	1914	44	-	PT	21	2
19508	GCR-4-4-2 Type Tank Engines No.9L Class	¼" to 1' diagram of wheel dimensions and axle weights Copy of GCR drawing dated 7.8.14	10.8.14	1914	44	-	PT	9	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19509	GCR-Diagram of Wheel Diameters & Spacings - 4-4-2 Type Tank Engine No 9K Class	¼" to 1' diagram of 4-4-2 tank engine Copy of GCR drawing	7.8.14	1914	44	-	PT	17	2
19510	NLR-Diagram of Wheel Diameters & Spacings - Standard Passenger Train Engine	¼" to 1' diagram of 4-4-0 tank engine Copy of NER drawing	7.8.14	1914	44	-	PT	17	2
19511	NLR-Diagram of Wheel Diameters & Spacings - Passenger Train Engine Inside	¼" to 1' diagram of 4-4-0 tank engine Copy of NLR drawing	7.8.14	1914	44	-	PT	17	2
19512	GCR-Diagram of Wheel Diameters & Spacings-4-6-0 Type Engine No.8G Class	¼" to 1' diagram of 4-6-0 engine Copy of GCR drawing	7.8.14	1914	44	-	PT	17	2
19513	GCR-Diagram of Wheel Diameters & Spacings- 4-6-0 Type Engine No 8F Class	¼" to 1' diagram of 4-6-0 engine Copy of GCR drawing Endorsed: cancelled see Dg No 19476	7.8.14	1914	44	-	PT	17	2
19514	GCR-Diagram of Wheel Diameters & Spacings-Six Wheels Coupled Engine Type 4-	¼" to 1' diagram of 4-6-0 engine Copy of GCR drawing	7.8.14	1914	44	-	PT	17	2
19515	GCR-Four Wheels Coupled Engine Class 8D & 8E	¼" to 1' wheel weight diagram of 4-4-0 tender engine Traced from GCR drawing	7.8.14	1914	44	-	PT	29	1
19516	GCR-Diagram of Wheel Diameters & Spacings-Type 4-4-0 11E class	¼" to 1' diagram of 4-4-0 engine Copy of GCR drawing	7.8.14	1914	44	-	PT	17	2
19517	GCR-Diagram of Wheel Diameters & Spacings-Type 4-4-0 N110 class	¼" to 1' diagram of 4-4-0 engine Copy of GCR drawing	7.8.14	1914	44	-	PT	17	2
19518	L&NWR-Diagram of Wheel Diameters & Spacings - 4' 6" 8 Wheeled Side Tank (Cyls	¼" to 1' diagram of 2-4-2 tank engine Copy of LNWR drawing	7.8.14	1914	44	-	PT	17	2
19519	L&NWR-Diagram of Wheel Diameters & Spacings- 6' 6" 4 Coupled Engine (Cyls. 17"	¼" to 1' diagram of 2-4-0 engine Copy of LNWR drawing	7.8.14	1914	44	-	PT	17	2
19520	L&NWR-Diagram of Wheel Diameters & Spacings - 4' 6" 2-4-0 Side Tank (Cyls 17" x	¼" to 1' diagram of 2-4-0 engine Copy of LNWR drawing	7.8.14	1914	44	-	PT	17	2
19521	L&NWR-Diagram of Wheel Diameters & Spacings- 5' 0" 0-6-0 Special DX Engine (Cyls	¼" to 1' diagram of 0-6-0 engine Copy of LNWR drawing	7.8.14	1914	44	-	PT	17	2
19539 -1 Part	GER-Six Wheels Coupled Express Engines Class 1500-Front Cylinder Cover	6" to 1' elevations of cover Endorsed: altered 4.11.36	27.11.19	1919	-	-	P	17	2
19551	GER-Clacton on Sea-Proposed Mushroom Tanks & Water Supply	1" to 66' plan of area Copy of Engineer's Dg No 31661 7.8.14	19.8.14	1914	44	-	P-C	17	2
19561	GER-Fastening for Sliding Doors of Horse Boxes	1½" to 1' elevation showing fastening and full size details of fitting	27.8.14	1914	44	-	P-C	17	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	boxes	Endorsed: 1 to this 1.9.14							
19565 -2	GER-Diagrams showing Wheelbase & Weights upon Rails of Engines, Cranes & Crocodile Truck	1/8" to 1' wheelbase weight diagram Endorsed: plan dated 8.9.14 updated on print and running numbers added	28.8.17	1917	44	-	P	22	2
19569	Details of Special Steel "Iracier" Axle Box for GER	Full size elevation, section and plan of axle box Copy of Patent Axlebox & Foundry Co Dg No 3414.65 dated 31.7.14	7.9.14	1914	44	-	PL	22	1
19570	Special Steel 'Iracier' Axlebox for GER	Full size elevations, sections and plans of axlebox for 11" x 5½" journals Copy of Patent Axlebox & Foundry Co Dg 3413.5/5 dated 31.7.14	31.7.14	1914		-	PL-C	12	2
19621	GER-Diagram showing Alteration to Existing Stock to form Auto-train for Mildenhall-Cambridge Service	¼" to 1' plan of composite and 3 rd bogies carriages showing interior alterations for auto services Endorsed: this was altered from Mildenhall-Cambridge service 15.9.14, original tracing Dg 18665; see Dg No 19622 for arrangement of pipes, etc in this compartment (the drivers compartment)	- .9.14	1914	44	-	P	29	1
19646	GER-Profile of Tyre of L&YR Wagon No 10354 stopped at Ipswich Upper Goods Yard 9.10.14	Full size section of tyre showing profile	13.10.14	1914	44	-	PT	22	1
19693	L&NWR-Diagram of Ambulance Train for War Office for use Abroad	Diagram of 14 car train, 6 GER vehicles, 8 L&NWR Copy of LNWR Dg No 7/241 dated 9.10.14	16.10.14	1914	45	-	BP	8	2
19694	L&NWR-Ambulance Train for War Office for use Abroad-Alterations to brake vans 8047, 8063	¼" to 1' elevations, sections and plans of alterations to bodywork Copy of LNWR Dg No 1.274 My comment: a poor print	16.10.14	1914	45	-	BP	8	3
19695	Dressers for Brake Van-Ambulance Train for Service Abroad	1½" to 1' elevations of dressers Copy of LNWR drawing My comment: a poor print	8.10.14	1914	45	-	BP	8	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19696	LNWR-Ambulance Train for War Office for use Abroad-Arrangement of Ward Car	¾" to 1' elevations, sections and plans of body Copy of LNWR Dg No 2/409 dated 8.10.14	16.10.14	1914	45	-	BP	9	2
19697	LNWR-Ambulance Train for War Office for use Abroad-Arrangement of 45' 0" Brake Vans (Nos. 8047 & 8063)	¾" and 6" to 1' details of modifications Copy of LNWR Dg No 1/274 dated 12.10.14	16.10.14	1914	45	-	BP	9	2
19698	L&NWR-Arrangement of 45'0" Brake Vans-Ambulance Train for War Office for use Abroad	¾" to 1' sections and plans of interior fittings Copy of LNER Dg No 1/274	12.10.14	1914	45	-	BP	7	2
19699	Sketch of Attachment between GNR Twin Bogie Carriage	Sketch section and elevation	30.10.13	1913	4	-	TI-C	8	4
19704	Pressure Release Valve Pressure Release Valve Casing	Full size section and elevation of valve and description Copy of Locomotive Superheater Corporation Ltd Dg SH 235 dated 19.2.12 Full size section and elevation of valve and description Copy of Locomotive Superheater Corporation Ltd Dg SH 236 dated 19.2.12	16.10.14	1914	45		BP	52	2
19705	Dewrance's Patent Water Gauge	Full size elevations of gauge Copy of Dewrance & Co Dg No 33680/17913 dated 127.9.13	16.10.14	1914	45		BP	52	2
19706	GER Suggested 1st Class Compartment-All Steel Bogie Carriage	1 ½" to 1' part side elevation and section of steel carriage body 9' 1" wide and half plan Copy of Leeds Forge & Co Ltd Dg No 17117 dated 10.11.13 received via Taite & Charlton	10.11.13	1913	45		BP	50	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19707	GER Diagram of Bogie Corridor Composite All Steel Carriage	½" to 1' side elevation and interior plan of 50' composite-Lav/3/3/F/F/Lug/Lav body 9' 1' wide Copy of Leeds Forge & Co Ltd Dg No 17115 dated 8.11.13 received via Taite & Charlton	10.11.13	1913	45		BP	50	2
19710	Stretcher Ambulance Mark II with Pillow and Two Slings	3" to 1' elevations and plan of stretcher Copy of R.C.D Dg No 11078A dated 6.10.14	26.10.14	1914	45		P	52	1
19712	Lassman Axlebox 'Progress' with Disc Lubrication	6" to 1' sectional elevations and plans of oil axlebox for 115 x 210 journal	26.2.14	1914	45		PT	52	1
19713	Road Vehicles (Motor) Front Road Wheel (Cast Steel)	Full size part elevation and section of cast steel road wheel Copy of Associated Equipment Co, Walthamstow Dg No B649 dated 10.9.14	16.10.14	1914	45		BP	52	1
19714	Road Vehicles (Motor) Rear Road Wheel (Cast Steel)	Full size part elevation and section of cast steel road wheel Copy of Associated Equipment Co, Walthamstow Dg No B650 dated 10.9.14	16.10.14	1914	45		BP	52	1
19715	Front Road Wheel-3 Ton Lorry	Full size part elevation and section of 10 spoke wheel 877mm diameter Copy of AEC Dg No B2229 10.9.14	10.9.14	1914	45	-	BP	17	1
19716	Rear Wheel for 3 Ton Lorry for Use with Large Brake Drums B1909 & B1913	Full size elevation and section of 7 spoke wheel 741mm diameter Copy of AEC Dg No B1209 10.9.11	16.10.14	1914	45	-	BP	17	2
19717	Front road wheel, hollow spoke - max weight 100 lbs	Full size elevation and section of 7 spoke wheel 851mm diameter Copy of AEC Dg No B3194 10.9.11	16.10.14	1914	45	-	BP	17	2
19717	Stop for Shunting Pole to be Fitted to Self-contained Buffer Cases without Front Collars	Section of buffer case with RCH circular letter dated 9.10.14	16.10.14	1914	45		P		1
19718	Hollow Spoke Rear Wheel	Full size part elevation and section of 850mm diameter wheel	16.10.14	1914	45		BP	52	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19718	Hollow Spoke Rear Wheel	Copy of Associated Equipment Co, Walthamstow Dg No B.1210	10.10.14	1914	4	-	BP	8	1
19723	GER-Liverpool Street-Proposed Interchange Working between GE & Met Rlys	1" to 33' plan of line with signalling details Copy of Engineer's Dg No 31624 21.8.14	20.10.14	1914	45	-	P-C	17	2
19725	GER-Sketch Showing Proposed Method of Securing Oil Well on X Axle Box	Full size sections of oil well	- .4.09	1909	45	-	PT-C	8	2
19733	LNWR-5'0" 4-6-0 goods engine (cylinders 19" dia.)	Unscaled weight diagram	2.11.14	1914	45	-	PT	8	1
19735	GER-(Seven Kings and Goodmayes)	Sketch of the residential areas between Seven Kings and Goodmayes showing the nature of the residential development	3.11.14	1914	45	-	PT	8	1
19737	Carriage Bogie fitted with the Thomas Suspension Gear	3" to 1' sections of metre gauge bogie 6' 0" wheelbase plus a written decsription Copy of Thomas Dg No 1	16.11.14	1914	45		BP	50	2
19790	Method of Securing 10, 12 or 14 Ton Sulphuric Acid Tanks to Underframe-Private Owners Wagons	1 ½" to 1' part side and end elevations showing arrangement on woof frame Copy of MR Dg No 168 RCH dated 8.12.14	4.1.15	1915	45		Litho	52	1
19791	Oil Axlebox with Spring Lid for Inspection & Oiling	6" to 1' front elevation and section of box Copy of Robert Hyde & Son Ltd, Sheffield Dg dated 11.12.14	4.1.15	1915	45		BP	52	1
19792	LNWR-Transportation of Coaches-General Arrangement of Lifting Gear	¾" to 1' details of gear Copy of LNWR Dg No 1/267 dated 24.8.14	4.1.15	1915	45	-	P	8	2
19793	LNWR-Transportation of Coaches-Details of Lifting Gear	3" to elevations and section os of 8' 0" wheelbase bogie showing packing and lifting beams Copy of LNWR Dg No 1.266 dated 20.8.14	4.1.15	1915	45		P-C	50	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19825	GER-Lowestoft Siding Accommodation-Proposed Alterations for Loco Dept-Scheme No 3	1/500 plan showing proposed turntable Copy of Engrs Dg No 31766 dated 21.1.14 Endorsed: see Dg No 31528 for scheme No 1, Dg No 35794 for scheme No 2	4.12.14	1914	45		P-C	52	1
19861	LB&SCR-Diagram of Motor Train-White's Patent Indicator System	¼" to 1' outline elevation of LB&SCR 0-6-0 tank with bogie carriage at each end plus key to equipment in cab and carriages Copy of William White & Co, Size Lane Dg No 490 dated 12.14	4.1.15	1915	45		Litho	50	2
19862	White's Patent Indicator System-Regulator Cylinder	Full size elevations, sections and plans of cylinder Copy of William White & Co Dg No 523 dated 12.14	4.1.15	1915	45		Litho	52	2
19863	White's Patent Indicator System-Air Valve for Working Regulator	Full size elevations, sections and plans of valve Copy of William White & Co Dg No 432 dated 12.14	4.1.15	1915	45		Litho	52	1
19864	White's Patent Indicator System	3" to 1' details of indicator and schedule of components Copy of W. White & Co, London Dg No 1013	- .12.14	1914	45	-	Litho	8	1
19865	Wrought Iron Details for Regulator Gear-White's Patent Indicator System	Full size details of components Copy of W. White & Co, London Dg No 492	4.1.15	1915	45	-	Litho	8	1
19866	Pressure Gauge for Motor Engines-White's Patent Indicator System	Full size elevations of gauge and supplementary print Copy of W. White & Co, London Dg No 924	4.1.15	1915	45	-	Litho	8	1
19867	Piston for Regulator Cylinder-White's Patent Indicator System	Full size elevations and sections and schedule Copy of W. White & Co, London Dg No 523A	4.1.15	1915	45	-	Litho	8	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19868	LB&SCR-Regulator Handle for Boilers-White's Patent Indicator System	Full size elevations of handle Copy of William White & Co, Size Lane Dg No 1088	4.1.15	1915	45		Litho	50	2
19869	Reducing Valve for Motor Engine-White's Patent Indicator System	Full size elevations and sections of valve and schedule of components Copy of White Dg No 1608 dated 23.9.14	4.1.15	1915	45	-	Litho	9	1
19870	White's Patent Indicator System	Full size sections and plan of back pressure release cock Copy of William White & Co, Size Lane Dg No 1045 undated	12.14	1914	45	-	P-C	29	1
19871	White's Patent Indicator System	Full size sections of three way cock Copy of William White & Co, Size Lane Dg No 435 undated	12.14	1914	45	-	P-C	29	1
19872	GER-37 ½" Diameter Wheel	Full size half section of disc wheel Copy of The Schoen Steel Wheel Co Ltd Dg No 1658 dated 28.4.14	4.1.15	1915	45		BP	52	2
19895	GER-Diagram of Proposed Open Carriage Truck D78	3/8" to 1' elevations of 21'0" truck with principal dimensions compared to covered carriage van to Dia 39M Endorsed: 11" wider than present carriage truck; Mr Hill has agreed to work to these dimensions EST 19.1.15	31.12.15	1915	45	-	P	29	2
19906	LNER 4-6-0 Engines Type B12-Trailing Axlebox	3" to 1' elevations, sections and plan of axlebox	- .8.29	1929	46	-	P	8	3
19930	GER-Showing Heights of Locomotive Chimneys and Cabs which may Travel over the GER System	Unscaled map of East Anglia with a reference panel showing codes fro chimneys and cabs	- .1.15	1915	46	-	P-C	8	2
19935	GER-Colchester-Proposed 65 ft. Turntable	1" to 22' plan of turntable area Copy of Engineer's Dg No 4329 dated 4.7.13	1.3.15	1915	46	-	P-C	8	2
19943	LB&SCR-Proposed Arrangement of Two Kitchen Vans-Ambulance Train for France	3/8" to 1' diagrams of interior of 54' leading and trailing kitchen vans Copy of LB&SCR Dg No 1099/33 dated 16.1.15	8.2.15	1915	46	-	P-C	8	2
	Copy of Rough Sketch of Kitchen Vans	Unscaled sketches of van interiors							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
19944	Copy of Rough Sketch of Kitchen vans Supplied by Mr. Dent	Copy of LB&SCR Dg No 1100/33 dated 16.1.15	8.2.15	1915	46	-	P	8	2
19945	Arrangement of Monarch Brake Adjuster for GER Bogie Suburban Carriages	1½" to 1' elevation of adjuster Copy of Monarch Door Controller Co Dg No 670 dated 27.4.14	8.2.15	1915	46	-	BP	8	1
19946	Monarch Patent Block Adjuster for GER Suburban Train	6" to 1' elevations and plan of adjuster Copy of Monarch Controller Co Dg No 669 undated	8.2.15	1915	46	-	BP	21	2
19947	GER-Type 4-4-0 Class D56-Arrangement of the "Weir" Locomotive Feed Pump Heater & Spray Valve	1½" to 1' arrangement of gear Copy of Weir Dg No 35766 My comment: too fragile to examine	2.5.14	1914	46	-	P	16	3
19948	GER-Type 2-4-2 Tank Class C69-Arrangement of the "Weir" Locomotive Feed Pump, Heater & Spray Valve	1½" to 1' arrangement shown on engine Copy of Weir Dg No 3549.498 24.3.14	8.7.15	1915	46	-	P	17	2
19949	1¼" Spraying Valve	Full size section of valve with schedule Copy of C&J Weir Dg No T.1483	30.1.14	1914	46	-	BP	8	1
19950	Arrangements 5½" x 7¾" x 6" Loco Feed Pump LFP2	3" to 1' elevations of 2 pumps and 1½" to 1' arrangement as supplied to GER Copy of C&J Weir Dg No T.1288	8.2.15	1915	46	-	BP	8	2
19951	Locomotive Surface Feed Water Heater-Arrangement Showing Position of Branches	3" to 1' elevations of tubular heater Copy of C&J Weir Dg No 36358/146 dated 9.7.14	8.2.15	1915	46	-	BP	8	1
19952	Locomotive Surface Feed water Heater-Arrangement showing Position of Branches	3" to 1' elevations of heater for GE Class E72 Copy of G&J Weir Dg No 36359/146 dated 8.7.14	8.2.15	1915	46	-	BP	21	1
19974	LB&SCR-Gangway Adapting Plate-Ambulance Train for France	3" to 1' elevations of gangway Copy of LB&SCR Dg No 1107/33 dated 5.2.15	1.3.15	1915	46	-	P	8	2
19998-2	GER-Water Gauge Columns for Engines J66 Class	Full size elevations of components	- .11.28	1928	46	-	P	17	3
19999	LNWR-Diagram of 57'0" x 9'0" Corridor Stock shewing Wheelbase, Stepboards etc.	½" to 1' outline elevations of 57' carriage Copy of LNWR Dg No 7/9 dated 30.1.15	15.3.15	1915	46	-	P	8	2
	GWR-End Elevation of Coaches-Ambulance	¾" to 1' end elevation of carriage							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20005	GWR-End Elevation of Coaches-Ambulance Train for France No.16	Copy of GWR Dg No Part 49591A dated 28.1.15	- .2.15	1915	46	-	P	8	2
20006	LNWR-End Elevation of 9'0" Wide Corridor Vehicle	1½" to 1' detailed end elevation of carriage Copy of LNWR Dg No 3/23 dated 24.5.11	15.3.15	1915	46	-	BP	8	1
20007	Coventry Corporation Gas Department-Proposed method of Conveying Steel Sulphuric Acid Casks in Open Wagons	¾" to 1' outline side elevation of low wagon carrying 3 upright cylinders Copy of MR Dg No RCH No 172 dated 8.3.15	15.3.15	1915	46	-	:itho	8	1
20008	21 Element Cast Iron Superheater Header	3" to 1' elevations, sections and plan of header for Nigerian Railways (L639) 4-8-0 engines and tenders Copy of Superheater Corporation Dg No 465/2 dated 19.10.14	15.3.15	1915	46	-	BP	8	1
20009	GER Dg No 20015-Arrangement of Steam Heating Coupling Pipe Steam Warming Apparatus-Standard Connection between Hose Pipe and Steam Cock Hose Pipe-Bend for Main Steam Pipe Covering letter to drawings from the RCH dated 7.5.15	3" to 1' elevations and plan of coupling and full size details of hose pipe nozzle 6" to 1' and full size details of nipple Copy of RCH Dg No 174 Midland Rly 6.5.15 Full size elevations and plan of bend and 1½" to 1' sketch of assembly Copy of MR Dg No 2428 dated 8.3.15	7.4.15	1915	46	-	P	8	2
20022	GER Type 0-6-0 Goods Class E72-Arrangement of the "Weir" Locomotive Feed Pump, Heater and Spray Valve	1½" to 1' arrangement shown on outline of engine Copy of C&J Weir, Glasgow Dg No 35385/498	29.3.15	1915	46	-	P	8	3
20029	GWR-Proposed 15 Coach Ambulance Train	1/16" to 1' diagram of 15 coach train Copy of GWR Dg No 52419 9.4.15	12.4.15	1915	46	-	P	16	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20030	GWR-Proposed Car for Infectious Cases-15 Coach Continental Ambulance Train	¼" to 1' diagram showing interior of 57' carriage Copy of GWR Dg No 52420 dated 9.4.15	12.4.15	1915	46	-	P	8	1
20033	Military Munitions other than Road Vehicles Graze Fuse No 100, Mark 100 Gaine WD	Twice full size details My comment: too fragile to examine	13.4.15	1915	46	-	TI-C	7	3
20035	GWR-Proposed Car for Sitting Up Cases-15 Coach Continental Ambulance Train	¼" to 1' elevations and interior plan of 57'0" carriage Copy of GWR Dg No 39806 9.4.15	13.4.15	1915	46	-	P	16	2
20036	GWR-Proposed Personnel Carriage-15 Coach Continental Ambulance Train	¼" to 1' diagram showing interior of 57' carriage fitted with moveable beds Copy of GWR Dg No 52428 dated 9.4.15	12.4.15	1915	46	-	P-C	8	2
20038	Ambulance Train for France-Cupboards & Racks for Crockery etc. in Mess Room	2" to 1' elevations of furniture Copy of LB&SCR Dg No 1113/33 dated 9.2.15	12.4.15	1915	46	-	BP	21	2
20039	LB&SCR-Ambulance Train for France-Headboards for Bedsteads	3" and 6" to 1' details of fittings Copy of LB&SCR Dg No 1121/33 17.2.15	12.4.15	1915	46	-	BP	17	1
20040	LB&SCR-Dresser for Kitchen-Ambulance Train for France	22" to 1' elevations of dresser Copy of LB&SCR Dg No 1092/33 dated 6.1.15	12.4.15	1915	46	-	BP	8	2
20041	LB&SCR-Ambulance Train for France-Hinged Oddment Rack	Full size elevation of rack Copy of LB&SCR Dg No 1084/33 1.1.15	16.2.15	1915	46	-	BP	17	1
20042	LB&SCR-Ambulance Train for France-Hot Water Circulating Arrangement in Kitchens	1½" to 1' arrangement of pipework and valves Copy of LB&SCR Dg No 1122/33 17.2.15	12.4.15	1915	46	-	BP	16	3
20044	GWR-Proposed 16 Coach Continental Ambulance Train No.16	¼" to 1' diagrams of complete train, arrangement of cots, cross section of coaches, pharmacy car, ward car, car for infectious cases, kitchen cars, personnel car, car for sitting up cases, stores car, staff car and photograph of complete train Copy of GWR drawing dated 19.5.15	18.10.15	1915	46	-	BP	17	2
20045	ESR-Trevithick's Spark Arrester	Unscaled sections of smokebox with schedule pf parts for smokebox Copy of E Egyptian State Rly LC&W Dept Dg No 3765 dated 31.3.05	28.12.15	1915	46	-	BP	8	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20046	ESR-Installation showing Trevithick's Combination Smokebox Spark Arrester & Feed Water Heater with Central Surplus Exhaust Steam Heater	Unscaled side elevation of 4-4-2 engine showing apparatus Copy of Egyptian State Rly Dg No 3802 dated 31.3.05	28.12.15	1915	46	-	BP	8	1
20047	Trevithick's Proposed Combination Smoke Box Spark Arrester and Feed Water Heater	Unscaled sectional elevations of 3 types of arrestor and explanation Copy of Trevithick Dg No 3801 dated 31.3.05	28.12.15	1915	46	-	BP	8	1
20048	Untitled	Envelope containing photos and record of Cairo-Alexandria Morning & Evening expresses coal consumption trials	28.10.15	1915	46	-	-	16	2
20049	Trevithick's Proposed Surplus Exhaust Steam Heater in Conjection with his Smoke Box Heater as Illustrated on Dg No 3765	1" to 1' elevation and plan of 4-4-0 engine showing Trevithick's Combination Smokebox Spark Arrester & Feed Water Heater Copy of Trevithick Dg No 3775 31.3.05	31.3.05	1905	46	-	BP	16	2
20050	General Arrangement of Steam Trap General Arrangement of Separator & Steam Trap	Full size elevations and section of trap Copy of Westinghouse Brake Co Dg No 38883 Full size elevations of separator and steam trap for ¾" pipe Copy of Westinghouse Brake Co drawing	12.4.15 - .2.15	1915	46	-	BP	8	2
20051	Robinet d'extrémité de chauffage type Westinghouse	Full size sections of valve Copy of Westinghouse Brake Dg No 46941 19.1.12	12.4.15	1915	46	-	BP	16	1
20052	GWR-Proposed Arrangement of Latrine Bucket & Seat for Ambulance Train	3" to 1' elevation and plan of apparatus Copy of GWR drawing dated 17.2.15	12.4.15	1915	46	-	BP	22	1
20054	GER-Brick Arches in Firebox	Unscaled sketch and instructions	17.11.15	1915	46	-	BP	8	1
20073	Steam Hose Pipe Connections in use on Various Railways	Schedule of particulars with GER annotations in pencil Copy of Midland Rly drawing dated 29.4.15	17.5.15	1915	46	-	P	21	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20114	No.10 Loco Exhaust Steam Injector Class D-Latest Improved D Type-Davies & Metcalfe's	6" to 1' elevations and plan of injector Copy of D&M Dg Nos 2465 & 2961	30.11.17	1917	46	-	BP	17	2
20115	Grease Separator for No.10 Loco Exhaust Steam Injector-Metcalfe's Patent	Full size elevations of separator Copy of Davies & Metcalfe Ltd Dg No 783	17.5.15	1915	46	-	BP	9	3
20116	LB&SCR-Fittings for Motor Engine	Full size elevations of components and schedule Copy of LB&SCR Dg No 435 dated 21.8.09	17.5.15	1915	46	-	BP	8	2
20117	LB&SCR-Diagram of Driving Apparatus on Steam Trailer Cars with Engine in Centre	Diagram colour coded Copy of LB&SCR Dg No 784/12 dated 11.3.13 accompanied by a 4 page typed report on the operation of motor trains	17.5.15	1915	46	-	P-C	8	2
20118	LB&SCR-Regulator Indicator Details	Full size details of components and schedule as fitted to D1 class motor engine Copy of LB&SCR Dg No 1013 dated 5.10.11	17.5.15	1915	46	-	BP	8	2
20119	LB&SCR-Air Valve for Working Regulator	Full size elevations and sections of valve and schedule Copy of LB&SCR Dg No 432 dated 3.11.09	17.5.15	1915	46	-	BP	8	2
20120	Arrangement of Brake & Air Controlled Regulator Gear	1½" to 1' arrangement shown on class D1 motor engine and key to fittings Copy of LB&SCR Dg No 1258 dated 24.9.12	17.5.15	1915	46	-	BP	8	2
20121	LB&SCR-Diagram of Motor Train	¼" to 1' diagram of train-bogie carriage/class D1/bogie carriage Copy of LB&SCR Dg No 490 dated 28.10.09	17.5.15	1915	46	-	BP	8	1
20127	"Compacto" Patent Warming Apparatus for Railway Coaches-No. 16 Continental Ambulance Train	¼" to 1' outline elevation and interior plan of bogie carriage showing arrangement of apparatus Copy of Dargue, Griffiths & Co drawing dated 18.5.15	31.5.15	1915	46	-	P-C	8	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20139	Transporting Ambulance Train Vehicles-Lifting Gear	1" to 1' arrangement of lifting gear suitable for 54' vehicles using wire ropes and Bullivant sockets and 3" to 1' details	1.6.15	1915	46	-	P	17	3
20161	GER-Ambulance Train for France Staff Car-"Compacto" Patent Warming Apparatus for Railway Coaches etc.		19.6.15	1915	47	-	P-C	17	2
20162	GER- Ambulance Train for France-Personnel Car"Compactor" Patent Warming Apparatus for Railway Coaches, etc	Diagrammatic internal plan of 7 compartment corridor third showing arrangement of pipework and sectional view showing boiler Copy of Dargue Griffiths & Co drawing dated 14.6.15	19.6.15	1915	47	-	P-C	17	2
20164	Locomotive Piston Rods-Plan A	Full size section and plan of rods Copy of US Metallic Packing Co Dg No PP3676	9.6.15	1915	47	-	BP	16	1
20165	Locomotive Valve Spindles-Plan A1	Full size section and plan of spindles Copy of US Metallic Packing Co Dg No PP3677	9.6.15	1915	47	-	BP	16	1
20166	Locomotive Piston Rods-Plan B	Full size section and plan of rods Copy of US Metallic Packing Co Dg No PP3678	9.6.15	1915	47	-	BP	16	1
20167	Locomotive Valve Spindles-Plan B1	Full size section and plan of spindles Copy of US Metallic Packing Co Dg No PP3679	9.6.15	1915	47	-	BP	16	1
20168	Superheater Engines Class G58 & Class D56-United States metallic packing for piston rods	Full size elevation and section of packing Copy of United States Metallic Packing Co Dg No 59351 dated 26.10.15	3.2	1920			P-C	55	1
20168	GER-Loco Piston Rods-Plan C	Full size section and plan of rods Copy of US Metallic Packing Co Dg No PP3680	9.6.15	1915	47	-	BP	17	1
20169	Locomotive Valve Spindles-Plan C1	Full size section and plan of spindles Copy of US Metallic Packing Co Dg No PP3681	9.6.15	1915	47	-	BP	16	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20196	GER-Trowse	1" to 66' survey of Trowse from swingbridge to Lower Junction	- .3.11	1911	47	-	P-C	16	3
20197	Brake Safety Loops-Private Owners' Wagons	6" to 1' elevations of loop, 1899 and 1911 patterns Copy of MR Dg No 176RCH 6.15	14.6.15	1915	47	-	P	16	2
20198	Hopper Wagon to Carry 20 Tons of Ore	1" to 1' general arrangement of 17' wagon Copy of G.R. Turner Dg No 12379 5.6.15	12.7.15	1915	47	-	BP	16	2
20202	Sling Stretcher, Mark IV-Web, with Strap	6" to 1' and full size details of fittings Copy of Dg No RCD 11079A 21.2.06	5.3.15	1915	47	-	P	17	2
20218	Combination Valve Vacuum & Pressure Passenger Train Communication	Full size sectional elevations and plan of valve Copy of Passenger Communication Co Dg No 4868.00	23.7.15	1915	47	-	P-C	16	2
20228	GER-Exhibition of Ambulance Train for France at Liverpool Street Station-Diagram	Unscaled plan of 16 carriage train carriages A to P arranged as a border for a descriptive leaflet	- .7.15	1915	47	-	P	17	2
20238	Proposed Cloakroom and Lavatory Accommodation for Lady Clerks	½" to 1' plan of accommodation at Stratford?	- .6.15	1915	47	-	P-C	16	2
20243	GER-Part Plan of Stratford Works shewing Position of New Repairing Shop near Running Sheds Plan Showing Position of Coal Stacks at Stratford at August 1914	1" to 88' plan of running shed area with coal stacks shown in red wash Copy of SDO Dg No 5120	- .1.15	1915	47	-	P-C	17	2
20263	General Arrangement of Double Hose Coupling for Continental Railways	Full size elevation of hoses and sections of components Copy of Westinghouse Brake Co Dg SH54036A 2.15	24.8.15	1915	47	-	BP	16	2
20264	Furness Rly-Patent Crab Cylinder Arrangement	1" to 1' elevation and plan of twin vacuum cylinders Copy of Consolidated Brake Co Dg No L1966 21.4.15	25.8.15	1915	47	-	BP	17	2
		1" to 1' arrangement of cylinders							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20265	L&SWR-Dual Brake Patent Crab Cylinder	Copy of Consolidated Brake & Engineering Dg No L2011 My comment: too fragile to examine	24.8.15		47	-	P	16	3
20266	Wakefield's Patent Mechanical Lubricator No 7 Pattern-7 feeds, 1 Gallon fitted with Separate Adjustment for Each Feed	Full size sections and plans of lubricator Copy of C.C. Wakefield Dg No L.215 30.5.22	26.6.22	1922	47	-	BP	16	2
20267	Wakefield's Patent Mechanical Lubricator No 1 Pattern-8 feeds, Capacity 1 Gallon	Full size sections and plans of lubricator Copy of C.C. Wakefield Dg No L.155B 10.9.12	10.9.12	1912	47	-	BP	16	3
20273	Taylor's Rolled Steel Empire Disc Wheel	Full size section of 3' 6 7/8" carriage wheel and 3" to 1' elevation of axle Copy of Taylor Bros Dg No 424 23.3.14	24.8.15	1915	47	-	P	16	3
20274	International Railphones Ltd.-Standard Diagram with Two Permanent Warning	Four diagrammatic plans Copy of IR Ltd Dg Nos 1023-26 7.15	- .7.15	1915	47	-	P-C	17	2
20275	LNWR-Diagram showing Marshalling of Military Ambulance Trains	Diagrams of Nos 7, 8 & 9 trains, 9 carriages each, with running numbers Copy of LNWR Dg No 4/481 8.8.14	24.8.15	1915	47	-	BP	16	2
20276	Ambulance Train for War Office-Proposed Train	1/8" to 1' diagram of 9 car train and plan of interiors Copy of LNWR Dg No 3/131 6.3.12	24.8.15	1915	47	-	P	17	2
20304	L&NWR-Additional Ambulance Train for War Office	3/8" to 1' interior plan of 10 carriage train, 9 x 50' and 1 x 47' 9" stock opy of LNWR Dg No 7/304 dated 5.8.15	30.8.15	1915	48		P-C	35	2
20318	GER-Diagrams of Carriages with 8'9" Wide Bodies	1/8" and 3/8" to 1' outline diagrams with overall dimensions Copy date stamped 4.9.1943	9.15	1915	-	-	P	55	1
20319	GER-Diagrams of Carriages with 8'6" wide Bodies	1/8" and 3/8" to 1' outline diagrams with overall dimensions Copy date stamped 4.9.1943	9.15	1915	-	-	P	55	1
20320	GER-Diagrams of Carriages with 8'9" wide Bodies	1/8" and 3/8" to 1' outline diagrams with overall dimensions Copy date stamped 4.9.1943	9.15	1915	-	-	P	55	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20353	GER-Graphical Comparison of Seats Provided and Passengers carried on UP trains Loughton to Liverpool Street on 22.10.1912	Graph for period 9am to 1pm with seats per minute provided by 12 electric trains per hour Copy of Electrical Engrs drawing dated 19.2.14	20.9.15	1915	48		P	36	2
20354	GER-Suggested Electric Service between Ilford and Liverpool Street; Ilford and Fenchurch St.; Loughton and Liverpool St.; Loughton and Fenchurch St.; Barking and	Diagram and graph Endorsed: referred to in Sub Committee minutes of 11.2.14 Copy of Electrical Engrs Dg No 611	2.14	1914	48		BP	36	2
20355	GER-Electrification of Suburban Lines- Diagram of Main Line Steam Trains (based on "Flying Junction" scheme)	Graph of Liverpool Street to Romford, A Busy Saturday in August, B ordinary weekday evening in August Copy of Electrical Engrs Dg No 610	2.14	1914	48		BP	36	2
20356	GWR-Arrangement of Cots for Ward Cars- English Ambulance Train	1½" to 1' sections of carriage showing cots and plan of cot frame Copy of GWR Dg No 52996 dated 6.9.15 Endorsed: used on GER ambulance train No 22	20.9.15	1915	48		BP	47	1
20357	GER-Tools for 18Pr cartridge cases	Full size details of 6 tools Ministry of Munitions other than Road Vehicles drawing Endorsed: SDO Dg No 5230	6.15	1915	48		P	36	2
20358	(Arrangement of Water Tubes in Firebox and Details)	1½" and full size details	6.2.02	1902	48		BP	36	3
20367	GNR-King's Cross to York Gradient Sections	10 miles to 1 inch diagram Copy of GNR drawing dated 25.6.14	9.15	1915	48		P	36	2
20368	NER-Proposed Arrangement of Flooring & Handrails on Special Trolley Wagon	1 ½" to 1' elevation and plan of bogie end of wagon showing arrangement of floor, purpose not stated Copy of NER Dg No 9788 dated 20.8.15	20.8.15	1915	48		P-C	35	2
20369	Details of Hand Brake operated from End Platform on Special Trolley Wagon	3" to 1' details of components Copy of NER Dg No 9735 dated 10.9.15 My comment: is this related to GER Dg No 20368?	10.9.15	1915	48		BP	36	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20370	NER-Handbrake Operated from End Platform on Special Trolley Wagon	3" to 1' section and plan showing arrangement of brake column on wagon at breech end of gun at opposite side to derrick Copy of NER Dh No 9691 dated 10.9.15	18.10.15	1915	48		BP	48	1
20371	9.2 Inch B.L. Gun Mounted on Bogie Trolley Wagon-Sir W.G. Armstrong Whitworth & Co, Ltd	1/16" to 1' general arrangement of 48' 8" bogie wagon loaded with gun Copy of Armstrong, Whitworth Dg No 7188A	18.10.15	1915	48		P	36	2
20378	L&NWR-No.18 Ambulance Train for War Office Rack for Urine Bottles for AT Bed Pan Rack for AT Rack for Papers, etc in AT Office Holder for Spit Cups for AT Rope Slings-Over Beds for AT	1½" to 1' elevations and plan of timber ramps and full size details of fittings Copy of LNWR Dg No 3/569 dated 25.2.15 6" to 1' elevation, section and plan of rack Copy of LNWR Dg No 6/330 dated 13.8.15 3" to 1' elevation and plan Copy of LNWR Dg No 6/329 dated 13.8.15 1½" to 1' elevation of rack Copy of LNWR Dg No 6/333 dated 11.8.15 6" to 1' elevations and plan Copy of LNWR Dg No 6/334 dated 13.8.15 Full size elevations and plans Copy of LNWR Dg No 6/332 dated 14.8.15	25.2.15	1915	48		BP	36	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20386	<i>Chaufage à la vapeur accouplement système allemand</i>	Full size details of steam heating hoses and connection Copy of Westinghouse Brake Co Dg No 46979 My comment: measurements rendered in metric	18.10.15	1915	48		BP	36	3
20387	LB&SCR-Arrangement of Special Heating Cocks & Coupling on English Vehicles- Ambulance Train for France	1/6 scale elevation and plan showing coupling between 2 vehicles Copy of LB&SCR Dg No 1111/33 dated 6.2.15	18.10.15	1915	48		BP	47	1
20431	Cowans, Sheldon's 35 Ton Accident Crane	½" to 1' general arrangement of 0-6-4 crane 25' 6" overall, 22' 0 1/8" wheelbase Copy of Cowans, Sheldon Dg No 8719 My comment: for tendering purposes?	6.12.13	1913	48		P	36	3
20432	35 Tons Breakdown Crane	¾" to 1' side and end elevation of 2-6-2 crane 30' 3 ¼" over buffers endorsed with axle loading for crane supplied to the GNR Copy of Craven Bros Dg No 20412 dated 4.12.13 with 4 photographs of a similar crane supplied to the NER Endorsed: red figures in accordance with the conditions given on GER print No 18990 My comment: for tendering purposes?	20.10.15	1915	48		P-C	35	3
20484	GER-Electro Mechanical Train Control- Experimental Ramp	1 ½" to 1' elevation and plan of ramp	5.11.15	1915	49	-	TI-C	40	3
20487	Gauges for Adapters 2 Inch Fuze Hole No 4	Full size elevations and plans of 6 gauges Copy of MR Dg No S-2580 for War Office	11.9.15	1915	49	-	Litho	40	1
20487	Gauges for Adapters 2 Inch Fuze Hole No 4	Full size elevations and plans of 6 gauges Copy of MR Dg No S-2580 for War Office	11.9.15	1915	49	-	Litho	40	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20515	GWR-Details of GWR Pattern Cots-English Ambulance Train	Full size details of 12 fittings Endorsed: for arrangement see Dg No 20356	8.10.15	1915	49	-	BP	41	2
20529	Thin Flanges on Locomotive Tyres-Summary of British Railway Practice	Diagrams of 12 wheel arrangements with definition of wheel flanges by company Copy of MR g No D-374	6.10.15	1915	49	-	Litho	41	2
20545	Forging for Hauling Eye Bracket	Full size elevations and plans (2 copies) Copy of Vickers Dg No 1/30328P	19.11.15	1915	49	-	PT	41	1
20559	Gaine No.2 (Mark 1) /L/Steel	Full size elevation, section and plan of gaine Copy of Director of Production Min of Munitions Dg No 23176 (1) 1	3.12.15	1915	49		Litho	35	2
20574	GER-Stones Electrical Installations for Railway Carriages-Proposed Wiring Diagram for Sitting up Coach	Diagram of wiring along roof feeding into compartments and arrangement of cells, with references to components Copy of J. Stone Dg No 5911/1 dated 8.12.15	8.12.15	1915	49	-	BP	41	1
20575	GER-Stones Electrical Installations for Railway Carriages-Proposed Wiring Diagram for Ward Coach	Diagram of wiring along roof feeding into compartments and arrangement of cells, with references to components Copy of J. Stone Dg No 5911/2 dated 2.12.15	2.12.15	1915	49	-	BP	41	1
20576	GER-Stones Electrical Installations for Railway Carriages-Proposed Wiring Diagram for Pharmacy Coach	Diagram of wiring along roof feeding into compartments and arrangement of cells, with references to components Copy of J. Stone Dg No 5911/3 dated 30.11.15	30.11.15	1915	49	-	BP	41	1
20577	GER-Stones Electrical Installations for Railway Carriages- Proposed Wiring Diagram for Infectious Diseases Car	Diagram of wiring along roof feeding into compartments and arrangement of cells, with references to components	29.11.15	1915	49	-	BP	41	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Diagram for Infectious Diseases Car	Copy of J. Stone Dg No 5911/4 dated 29.11.15							
20578	GER-Stones Electrical Installations for Railway Carriages-Proposed Wiring Diagram for Kitchen & Store Room Coach	Diagram of wiring along roof feeding into compartments and arrangement of cells, with references to components Copy of J. Stone Dg No 5911/5 dated 4.12.15	4.12.15	1915	49	-	BP	41	1
20579	GER-Stones Electrical Installations for Railway Carriages-Proposed Wiring Diagram for Kitchen & Mess Room Coach	Diagram of wiring along roof feeding into compartments and arrangement of cells, with references to components Copy of J. Stone Dg No 5911/6 dated 4.12.15	4.12.15	1915	49	-	BP	41	1
20580	GER-Stones Electrical Installations for Railway Carriages- Proposed Wiring Diagram for Brake & Stores Car	Diagram of wiring along roof feeding into compartments and arrangement of cells, with references to components Copy of J. Stone Dg No 5911/7 dated 4.12.15	4.12.15	1915	49	-	BP	41	1
20581	Stones Electrical Installations for Railway Carriages-GER-Proposed Wiring Diagram for Staff Car	Unscaled diagrammatic plan of corridor carriage showing position of each wiring component Copy of j. Stone Dg No 5911/8 dated 1.12.15	3.4.16	1916	49		BP	35	1
20582	GER-Stones Electrical Installations for Railway Carriages- Proposed Wiring Diagram for Personnel Car	Diagram of wiring along roof feeding into compartments and arrangement of cells, with references to components Copy of J. Stone Dg No 5911/ 9 dated 9.12.15	9.12.15	1915	49	-	BP	41	1
20590	GER-Map of Lines showing Turntables & Watering Stations	Unscaled diagrammatic sketch 14" x 13" with enlargement for London Suburban District	22.11.02	28.11.15	1915		PB	35	1
	GWR-Staff Car-Continental Ambulance Train	¼" to 1' interior plan of 57' staff car							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20591	Nos. 19, 26, 27	Copy of GWR Dg No 53222 dated 16.11.15 Endorsed: sent in connection with GER AT No 28 for the Continent	28.12.15	1915	49		BP	35	2
20592	Amended Step Iron for Ambulance Train No.25	3" to 1' details of step iron Copy of LBSCR Dg No 1335/33 dated 2.10.15 Endorsed: sent in connection with GER AT No 28 for the Continent	17.11.15	1915	49		BP	35	1
20593	General Arrangement of Lower Stepboards-Ambulance Train No.25	½" to 1' outline elevations of 8 carriage underframes showing position of stepboards for 16 carriage AT Copy of LBSCR Dg No 1247/33 dated 13.11.15 Endorsed: sent in connection with GER AT No 28 for the Continent	13.11.15	1915	49		BP	35	1
20600	GER-Proposed Arrangement for Converting Landaulet to Delivery Van for use of Mechanical Engineer's Dept.	1½" to 1' side elevation and end section of new steel body with canvas and board cover Endorsed: two 12" x 9" windows to be put in end 10.1.16	3.1.16	1916	49		P-C	36	2
20662	35 Ton Accident Crane on 5 and 8 Chain Curves	1½" to 1' plan of wheels on curves	- .3.14	1914	[?]	-	P-C	14	2
20684-3	Diagram of Proposed Brake Van for the Royal Train	3/8" to 1' interior diagram of 50' brake third with two compartments	- .4.16	1916	50	-	TI	14	3
20703	White's Patent Indicator System	Full size plan of electrical indicator in driver compartment of auto train to show position of engine regulator Copy of W. White & Co Dg No 5130	22.2.16	1916	51	-	Litho	15	2
20724	Engines-Suggested Method of Varying Blast pipe	Full size details My comment: too fragile to examine	-	-	51	-	TI-C	15	4
20746	GER-Norwich Thorpe Yard Proposed Alterations	Unscaled plan of engine shed area Endorsed: tracing from Mr Drury	3.4.16	1916	51	-	P-C	15	2
		Full size details of components							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20756	Wood Fittings for 4.5 H.E. Box	Copy of Ministry of Munitions Dg No CM5/18 3.16	3.4.16	1916	51	-	BP	15	2
20757	Royal Laboratory Dept.-Gaine, No.2, Mark II/L/ steel Empty	6" to 1' elevations of components Copy of Royal Laboratories Dg No 23676/1 13.3.16	27.3.16	1916	51	-	P	15	2
20758	Midland Rly-Gauges for Gaine No.2 Mk.II	Full size details of gauges Copy of MR Dg No 16-9681	1.5.16	1916	51	-	Litho	14	2
20781	GER-Rope Protecting Driving Bands of 6" Shell	Sketch of rope loop Drawn by SDO Dg No 5366	3.11.15	1915	51	-	P	15	2
20843	Caledonian Rly-18 x26 Connecting Rod Large End	Full size sections of connecting rod for engines 561, 736, 740 and 755 Copy of CR Dg No 5935 dated 13.7.04	17.7.16	1916	52		BP	51	1
20844	Caledonian Rly-18" x 26" Connecting Rod (Small End) Y21	Full size section and elevation of connecting rod Copy of CR Dg No 5922 20.10.09	7.7.16	1916	52	-	BP	14	2
20901	GER-Standard 50' 0" Carriage Underframe arranged as Temporary Truck	1½" to 1' side and end elevation and plan of underframe with timber decking	10.6.16	1916	52	-	PL-C	34	1
20917	Miniature Rifle Range at GER Mechanics Institute	¼" to 1' section and plan of timber framed building 99' 4" long by 18' 0" wide	6.16	1916	52	-	P	34	2
20922	Gresham No.40 Combination Ejector Type C for Vacuum Automatic Brake with Steam Brake Valve Gresham's Patent	Full size elevations and plan of ejector Copy of Vacuum Brake Co Dg No 10385 19.6.16	30.7.16	1916	52	-	BP	15	4
20923	Barry Railway-Telescopic Ram for Low Level Tips	Full size section and elevation of ram Copy of Barry Railway Dg No 38-19 dated 13.6.16	- .11.16	1916	52	-	BP	1	1
20931	Thomas Transmission Ltd-180 H.P. Locomotive	1" to 1' elevations of underframe and power equipment and ½" to 1' general arrangement of enclosed 4 wheel electric locomotive Copy of Thomas Transmission Dg No 269	31.10.14	1914	52	-	BP	41	1
20941	Wolseley Motors Ltd.-Chamfer Mouth of Cylinder Liner Holes in Water Jacket-W4A	4 drawings showing elevation, section and plan of tools for W4A type	20.11.16	1916	52	-	BP	1	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20941	Cylinder Liner Holes in Water Jacket-W4A Type	Copy of Wolseley Motors Dg No C.11755	20.11.16	1916	52	-	BP	1	2
20942	Wolseley Motors Ltd.-Threadmill Plug for Oil Pump Passage-W4A Type	Copy of Wolseley Motors Co Dg No C.11765 in 4 sheets	11.9.16	1916	52	-	BP	1	2
20943	Wolseley Motors Ltd.-Finish Turn Piston 0111472 W4A type SANC 77J	Copy of Wolseley Motors Dg No 12004	3.7.16	1916	52	-	BP	1	2
20944	Wolseley Motors Ltd-W4A Type-Finish Turn Piston 0111472	Details of parts 1,2,3,5,7,8, & 9 Copy of Wolseley Dg No C.12005	3.7.16	1916	52	-	BP	41	2
20945	Wolseley Motors Ltd-W4A Type-Finish Turn Piston Details	Full size details of 10 components Copy of Wolseley Dg No C/120006	3.7.16	1916	52	-	BP	34	1
20946	Wolseley Motors Ltd- W4A Type-Finish Turn Piston Details	Full size details of 9 components Copy of Wolseley Dg No C/12007	3.7.16	1916	52	-	BP	34	2
20947	Wolseley Motors Ltd.-Finish Turned Pistons Type W4A	Full size details of numerous components Copy of Wolseley Motors Dg No 12008 3.7.16	11.9.16	1916	52	-	BP	15	2
20948	Wolseley Motors Ltd.-Finish Turned Pistons Type W4A	Full size details of numerous components Copy of Wolseley Motors Dg No 12009 3.7.16	11.9.16	1916	52	-	BP	15	2
20949	Wolseley Motors Ltd.-Finish Turn Piston-W4A Type Sanc.77J	Full size details on 6 sheets Copy of Wolseley Dg No C.12610 SDO Dg No 5564	3.7.16	1916	52	-	BP	3	2
20950	Wolseley Motors Ltd.-Depth Gauge for Piston 111472 - W4A type. Sanc.77J	Full size details Copy of Wolseley Motors Dg No 12259 SDO Dg No 5557	- .7.16	1916	52	-	BP	2	2
20951	Gauge Finish Grind Camshaft 111843 W4A Type Sanc.77J	Full size plans of 4 types of gauge Copy of Wolseley's Motor drawing	7.16	1916	52	-	BP	40	1
20952	Gauge Reduction Gear Bearing Nut & Gauge Locknut 111908 W4A Type	Full size drawings of three components Copy of Wolsley Motor & Tool Co Dgs C12489, C12548 and C12550	11.9.16	1916	52	-	BP	14	2
20953	Wolseley Motors Ltd.-F&T Rough Bore Cylinder Liner, 111844 W4A Type Sanc 77J	Full size details of liners Copy of Wolsley Motor & Tool Co Dg C/12600 4.7.16	11.9.16	1916	52	-	BP	14	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20954	Wolseley Motors Ltd.-Rough Bore Cylinder Liners	Full size details of liners Copy of Wolsley Motor & Tool Co Dg C/12601 3.7.16	4.7.16	1916	52	-	BP	14	2
20955	Wolseley Motors Ltd.-Rough Bore Cylinder Liner 111844 - W4A type. Sanc.77J	Full size details Copy of Wolseley Motors Dg No 12662 SDO Dg No 5549	11.9.16	1916	52	-	BP	2	2
20956	Rough Bore Cylinder Liner 111844 W.4.A. Type Sanc: 77J Dg C12663	Full size drawings of components Sheet 6 Washer Sheet 7 Bolt Sheet 8 Screw Sheet 9 Screw Sheet10 Cutter Bar Copy of Wolsely Motors Ltd g No C12663 dated 3.7.16	11/09/2016	1916	52		BP	51	2
20965 -1	GER-Proposed Alteration to Wagon Axlebox "Y" so that it can be fitted to 20 Ton Coal	Full size elevation and sections of outline of box	16.10.16	1916	52	-	P-C	1	2
20972	Private Owners Ordinary & Tank Wagons	Full size plan of drawbar pin Copy of Dg No RCH 314 dated 5.16 Full size details of drawbar pin, tank stools and drawbar cradles Copy of Dg No RCH 315 dated 7.16 (two copies) Midland Railway	17.7.16	1916	52		Litho	46	2
20974	Notice Plate for Tank Wagons for Variable Loads	Full size elevation and section of 11" x 5" plate for wood frames private owner 10 or 12 ton tank wagons Copy of MR Dg No 316 RCH	6.16	1916	52	-	Litho	40	2
20975	Private Owners Tank Wagons-Diagram shewing Stop Fouling Outlet Stool, presuming One Drawbar is Broken and the other Fully Drawn Out	3" to 1' elevations of stop Copy of MR Dg RCH No 313							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20975	Private Owners Tank Wagons-Proposed Increased Clearance between Safety Stops in Draw Bar Cradles and Outlet Stool on Tank Wagons with Bottom Outlet	3" to 1' arrangement Copy of MR Dg RCH No 311	22.5.16	1916	52	-	Litho	40	2
20975	Private Owners Tank Wagons-Proposed Method of Securing Bottom Outlet stool	6" to 1' sections and plan Copy of MR Dg RCH No 312							
20976	Variable Brake Power Rigging (Varying in accordance with Load)	1" to 1' elevation and plan of Vacuum brakework and document giving description of working Copy of Consolidated Brake & Engineering Co Ltd Dg No L2367	22.5.16	1916	52	-	BP	34	2
20984	GER-Plan of Ipswich Loco Shops and Yard	1" to 40' layout of shed and wagon works with use of buildings shown; proposed covering of sheer legs shown in red	2.20.	1920	52	-	P	34	2
20987	GWR-Dresser for Kitchen-Ambulance Train for France	1½" to 1' elevation and section of wood dresser Copy of GWR Dg No 52266	2.15	1915	52	-	BP	34	1
20988	GWR-6 Gallon Tank for Drinking Water-Continental Ambulance Train No 16	3" to 1' elevations and plan of galvanised tank and full size details of construction Copy of GWR Dg No 52201	2.15	1915	52	-	BP	34	1
20989	GWR-Bracket for Holding Spitting Cup for Ambulance Trains	Full size section and plan of galvanised bracket Copy of GWR Dg No 52285	2.15	1915	52	-	BP	34	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
20990	GWR-Excreta Bin-Continental Ambulance Train No 16	3" to 1' elevation and plan of galvanised bin 2' 4" high by 1' 5½" diameter Copy of GWR Dg No 52211	2.15	1915	52	-	BP	34	1
20991	GWR-Stool for Ambulance Train	3" to 1' elevations and plan of 3' long wooden stool Copy of GWR Dg No 52228		2.15	1915	-	BP	34	1
20992	GWR-Proposed Arrangement of Latrine Bucket & Seat for Ambulance Train	3" to 1' elevation and plan Copy of GWR Dg No 52112	1.15	1915	52	-	BP	34	1
20993	GWR-Operating Table-Ambulance Trains	1 ½" to 1' elevations and plan of 6' 6" table Copy of GWR Dg No 52301 dated 19.5.15	31.7.16	1916	52		BP	51	2
20994	GWR-Gangway Adapting Plate-Continental Ambulance Train No 16	3" to 1' arrangement of plate and full size details Copy of GWR Dg No 52267	12.3.15	1915	52	-	BP	34	2
21006	Axletree, 1 st Class B No.2 Mark (L). Steel for 12" Pipes	½" to 1' and full size elevations of components Copy of Dg No RCD 13997A (I) 10.7.15	11.9.16	1916	53	-	P-C	14	2
21010	Wheel, 1 st Class, "B", Nos. 10,11 &12 Mark 1 (L)	Full size elevations of bearing drag washer Copy of Dg No RCD 10203C II 4.8.08	11.9.16	1916	53	-	P-C	14	2
21011	Washer, Drac, 1 st Class, "B", Capped Wheels, Mark 1(L) RCD	Full size details of washer Copy of Dg No RCD 11021A 16.11.05	11.9.16	1916	53	-	P-C	14	2
21012	Cap, Dust, 1st class, "B", Capped Wheels, Mark 1 (L)	Full size elevations of cap Copy of RCD Dg No 11022A dated 17.11.05	11.9.16	1916	53	-	P	5	1
21015	Box Limber B.L. 6 Inch Howitzer Mark (L) for use with Mark Limber (RCD 14386)	Full size details of two components Copy of Dg No RCD 14554.2	3.8.16	1916	53	-	P-C	14	2
21017	Box Limber B.L. 6 Inch Gun No. 1,2 &3 & B.L. 8 Inch Howitzer	Full size details of three components Copy of Dg No RCD 13650A G-8 19.1.15	11.9.16	1916	53	-	P-C	14	2
21018	Loops, Turnbuckle-Standard Sizes	Full size details of five components Copy of Dg No RCD 10513A 1.8.05	3.8.16	1916	53	-	P-C	14	2
21019	Box, Limber-B.L. 6 Inch Gun No. 1,2 & 3, also	Copy of RCD Dg No 13650A dated 12.12	3.8.16	1916	53	-	P	6	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	B.L. 8 Inch Howitzer	My comment: too fragile to examine							
21035	GER-Ground Plan of Offices at Ipswich	1/8" to 1' plan of area Drawn by SDO Dg No 5584	- .8.16	1916	53	-	P	15	2
21116	Copper-Diagram showing Market Closing Price and Market Price of Manufactured, 30 July 1914 to 15-Aug-16	Graph showing price fluctuations	11.9.16	1916	54		CI	49	2
21122	Stone's Electrical Installations for Railway Carriages- Proposed Wiring Diagram 3rd Class & Brake	Diagrammatic plan of roof and interior showing electrical equipment Copy of J. Stone Dg No 6027/4 dated 22.8.16	30.8.16	1916	54		BP	49	1
21123	Method of Welding Superheater Smoke Tubes	Full size sectional elevation of 4" and 4 1/2" diameter tubes	11.9.16	1916	54		PT	49	1
21126	GER-Proposed Telephone Connections London & Suburban District	Diagram of connections between Fenchurch Street, Liverpool Street, Stratford, Tottenham, Ilford and Canning Town exchanges and departments served Copy of Electrical Engrs Dg No 702 dated 1.10.15	1.10.15	1915	54		P-C	49	2
21127	L&YR-Boiler & Firebox with Superheating Arrangement of 28 Elements-8 Wheeled Coupled Coal Engine	1 1/2" to 1' sections and elevations of boiler and firebox and full size details Copy of L&YR Dg No 13051 dated 28.8.16	11.9.16	1916	54		BP	49	1
21144	GER-Covered Goods Wagon-Alteration to Enable Drawbar Pins to be Removed when Wagons are Fitted with Continuous Brakes	1 1/2" to 1' details of modifications Endorsed: see Dg No 7923 for working drawings	31.8.16	1916	54	-	P-C	14	2
21167	GER-Proposed Variable Brake Power Rigging for GER Covered Wagons	1" to 1' elevation and plan of 19' 3" underframe showing application of Vacuum braking Copy of Consolidated Brake & Engineering Co Dg No L.2426 dated 13.7.16	23.10.16	1916	54		BP	49	2
		Full size elevation and half section of brake cylinder							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21168	GER-21" Separate Chamber Type Cylinder	Copy of Consolidated Brake & Engineering Co Dg No L.1908 dated 5.10.16	23.10.16	1916	54		BP	49	2
21169	Proposed 10 Ton Wagon	¾" to 1' side elevation of 16' 6" 6 plank open wagon 3' 5 ½" deep, side door and fixed ends Copy of S.J. Claye, Long Eaton Dg No 3976 dated 5.16	5.16	1916	54		BP	49	2
21170	20 Ton Hopper Wagon	1½" to 1' general arrangement of 19' steel bodied hopper wagon Copy of Hurst, Nelson Dg No 0353 dated 8.10.16 Endorsed: submitted by LNWR to RCH item 23 13.10.16	23.10.16	1916	54		BP	49	1
21171	Diagram shewing Probable causes of Fracture in Private Owners Buffer Guides	Full size sections of casting showing design and manufacturing faults Copy of Dg No 320 RCH dated 12.10.16 Midland Railway	23.10.16	1916	54		Litho	49	2
21172	Proposed Buffer Guide for Private Owners Wagons	Full size elevations of 11" cast iron guide for steel framed wagons Copy of Dg No 309 RCH dated 2.16 Midland Railway	23.10.16	1916	54		Litho	49	1
21173	GWR-Arrangement of Pillars for Cot Brackets Continental Ambulance Trains	1½" to 1' interior elevation and section showing arrangement of pillars Copy of GWR Dg No 52721A dated 16.6.15	16.6.15	1915	54		BP	49	2
21174	GWR-Proposed Arrangement of Cots Continental Ambulance Train	1½" to 1' section through carriage showing arrangement of cots Copy of GWR Dg No 52645 dated 19.5.15	19.5.15	1915	54		BP	49	2
21175	GWR-Details of Cots Continental Ambulance Train	Full size details of numerous components Copy of GWR Dg No 52723 dated 16.6.15	16.6.15	1915	54		BP	49	1
	Private Owners Ordinary & Tank Wagons-	3" to 1' details of three components							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21176	Fixing of Stools to Tank Bottoms, Drawbar Pin and Cradles	Copy of Dg No 315 RCH dated 23.10.16 Midland Railway	23.10.16	1916	54		Litho	49	2
21177	Private Owner Tank Wagons-Diagram showing Position of Painted Star and Star Plate	¾" to 1' side elevation of tank wagon showing position of 24" star on tank and small star on solebar	12.10.16	1916	54		Litho	49	2
21178	Proposed Built Up Buffing Spring Buckle for Private Owners Wagons-Alternative to L&SWR Pattern	Full size section and plan of buckle Copy of Dg No 319 RCH dated 12.10.16 Midland Railway	12.10.16	1916	54		Litho	49	2
21225	GER-Stone's Electrical Installations for Railway Carriages Proposed Wiring Diagram 3rd Class & Brake	Diagrammatic plan of roof and interior showing electrical equipment Copy of J. Stone & Co Ltd Dg No 6027/1 dated 22.8.16	24.8.16	1916	54		BP	49	1
21226	GER-Stone's Electrical Installations for Railway Carriages Proposed Wiring Diagram 1st & 2nd Composite Coaches	Diagrammatic plan of roof and interior showing electrical equipment Copy of J. Stone & Co Ltd Dg No 6027/3 dated 22.8.16	22.8.16	1916	54		BP	49	1
21227	GER-Stone's Electrical Installations for Railway Carriages Proposed Wiring Diagram for 2nd or 3rd Class Coaches	Diagrammatic plan of roof and interior showing electrical equipment Copy of J. Stone & Co Ltd Dg No 6027/2 dated 24.8.16	24.8.16	1916	54		BP	49	1
21238	Forging & Billet for BL or QF,HE6 Shell MkXVI/L/	6" to 1' elevation of billet Copy of Ministry of Munitions Dg No A.M. 3/4/SDO No 5518	23.10.16	1916	54		P	49	1
21286	LB&SCR-Arrangement of Heating and Brake Fittings on ends for Coupling to French Vehicles-Ambulance Train for France	2" and 6" to 1' arrangement and details of components Copy of LBSCR Dg No 1094/33 dated 21.1.15	21.1.15	1915	54		P	49	2
21287	GNR-Large One Horse Road Van to Carry 2 tons 10 Cwts	1½" to 1' elevations and plan of 4 wheel van 10' inside Copy of GNR Dg No 518 dated 14.7.16	14.7.16	1916	54		P	49	2
21288	No. 25/20 Combination Ejector with Steam Brake Valve-Gresham Dreadnought Vacuum Automatic Brake	Full size undimensioned elevations of left hand ejector Copy of Vacuum Automatic Brake Co Dg No 15263 dated 19.6.16	19.6.16	1916	54		BP	49	2
21310	LNWR-4' 3" Six Coupled Coal Engine-Arrangement of White's Water Lifter (Large	1½" to 1' part elevations and plan showing details of pipework	6.12.16	1916	55		P.C	26	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21319	Arrangement of White's Water Lifter (Large Size)	Copy of LNWR drawing Endorsed: 60 engines to be fitted	6.12.16	1916	55		P-C	36	2
21320	LNWR-4' 3" Six Coupled Coal Engine fitted with 2500 Gallon Tender-Arrangement & Details of Buffer Planks	1½" and 3" to 1' elevations and section of planks and seating block Copy of LNWR drawing dated 6.12.16	6.12.16	1916	55		P-C	36	3
21322	LNWR 4' 3" Six Coupled Coal Engine-Details of Water Connection etc. for White's Water	Full size details of components Copy of LNWR drawing dated 6.12.16	7.12.16	1916	55		P	36	2
21323	GWR-Engine & Tender Lifting Hook-Lifting Load 10 Tons	Full size elevations of hook Copy of GWR Dg No 54455 dated 1.17 (two copies)	4.1.17	1917	55		BP	36	1
21324	GWR-Engine Lifting Hook-Lifting Load 10 Tons	Full size elevations of hook Copy of GWR Dg No 54446 dated 4.1.17	4.1.17	1917	55		BP	36	1
21325	GWR-Lifting Tackle for 2301 Class Engines and 2500 Gallon Tenders	Various scale showing constructional details of tackle and method of lifting Copy of GWR Dg No 54445 dated 4.1.17	4.1.17	1917	55		BP	36	1
21330	GER-Sections of Tyres Rolled by Taylor Bros. for Mashonaland Rly	Full size sections of tyre marked 4 and 2	12.18	1918	55		PT	36	1
21372	Washer Plates for Side Chains of Wagons with Wooden Headstocks	6" to 1' elevations of two types of plate Copy of NER Dg No 10041 My note: this drawing is attached to Dg No 23306	13.1.17	1917	62	-	BP	18	2
21372 Part	Side Chain Bearing Plate	Full size elevations of plate Copy of NER Dg No 10032 My note: this drawing is attached to Dg No 23306	24.1.17	1917	62	-	BP	18	2
21372	War Office-Washer Plates & Bolt for Side Chains for Wagons with Wooden Headstocks	6" to 1' details of 3 components Copy of Rendel, Palmer & Tritton Dg No 89 dated 1.17	1.17	1917	55		BP	36	1
21384	Barry Railway-Locomotive Boiler Class L	1½" to 1' arrangement of boiler and 6" to 1' details Copy of BR Dg No 2-45 dated 4.13	12.12.16	1916	55		BP	36	2
21397	Wolseley Motors Ltd. - W4A Type Finish Turn piston 0111472	Full size drawings No 1,2,3,5,7,8 and 9 of components Copy of Wolseley Dg No C/12005 dated 24.8.16	28.8.16	1916	55	-	BP	42	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21398	Wolseley Motors Ltd-Rough Bore Cylinder Liner 111844 W.4.A. type. Sanc.77J	Full size details of 5 components Copy of Wolseley Dg No C.12663 dated 24.8.16	26.8.16	1916	55		BP	36	2
21416	Cylinders for 28" Stroke Compound Tandem Corliss Engine	1½" to 1' elevations, sections and plan of cylinders Copy of ER & F Turner Dg No 8064 dated 23.12.16	23.12.16	1916	55		BP	36	2
21417	Valves for 28" Stroke Compound Tandem Corliss Engine	Full size details of valves Copy of ER & F Turner Dg No 7932 dated 28.12.16 Prints received from T&R Lees, Engineer, Manchester	28.12.16	1916	55		BP	36	2
21418	Valve and Eccentric Rods for 28" Stroke Tandem Corliss Engine	Full size details of components and main guide lever Copy of ER & F Turner Dg No 8074 dated 23.12.16 Prints received from T&R Lees, Engineer, Manchester	28.12.16	1917	55		BP	36	2
21420	Proposed Built up Buffing Spring Buckle for Private Owners Wagons (Alternative to L&SWR Pattern)	Full size section and elevation of buckle Copy of Midland Rly Dg No 319RCH dated 9.16	24.1.17	1917	55		P	37	1
21421 Amend	Wash Basin for Carriage Lavatory (Angle Type)	6" to 1' elevation and plan of corner basin	9.1.17	1917	55		P	36	1
21460	Private Owners 14 Ton Cylindrical Acid Tank Wagon-Proposed Method of Mounting without Wire Ropes	¾" to 1' general arrangement of wood framed 16' cylindrical tank wagon Copy of Midland RC&W Co Dg No 7486 dated 19.12.16	31.1.17	1917	55		BP	37	1
21461	Private Owners Tank Wagons-Arrangement of Direct Acting Screw Down Gear	Full size section, elevation and plan of gear for acid tanks Copy of Midland RC&W Co Dg No 7487 dated 30.12.16	30.12.16	1916	55		BP	36	1
21462	Private Owners 10 Ton, 12 Ton and 14 Ton Sulphuric Acid Tank Wagons (Wood Frames) Proposed Arrangement of Bottom Outlet	6" to 1' sectional elevation and plan of outlet Copy of MR Dg No 7891 dated 14.12.16	12.3.17	1917	55		BP	51	1
	Private Owners Sulphuric Acid Tank Wagons	Full size details of components							

Bench Hole Copies Drawings List

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Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Ring for Bridle Pc No 8876 Mild Steel Bridle Pc No 8825 Wrot Iron	Full size details Copy of Westinghouse Brake Co Ltd Dg No 54036B dated 3.17 Full size details Copy of Westinghouse Brake Co Ltd Dg No 51355D dated 3.17							
21479	No 16 Continental Ambulance Train- 'Compacto' Patent warming Apparatus for Railway Coaches	¼" to 1' outline elevation and interior plan of GWR carriage showing position of apparatus Copy of Dargue, Griffiths & Co drawing dated 18.5.15 My Comment: also numbered Loco No 20127	22.5.15	1915	55	-	P-C	42	1
21532	CR-Steel Firebox for 18½" x 26" x 5'-0" Goods Engine	3" to 1' section of steel firebox Copy of Caledonian Rly Dg No 19042 dated 27.3.17	14.5.17	1917	55	-	BP	42	1
21546	GER-Conversion of Four-wheeled Brake Thirds to 15 Ton Goods Brakes for Overseas- Suggested Method of Operating Sanding Gear of Sand Boxes on Trailing Axle Opposite End to Brake	1" to 1' outline sections and plan of carriage showing arrangement of lever mechanism	5.17	1917	58	-	P-C	42	1
21554	Main Eccentric for 28" Stroke Compound Tandem Corliss Engines	¼" to 1' elevation and section of eccentric Copy of ER & F Turner Dg No 8071 dated 22.12.16 Prints received from T&R Lees, Engineer, Manchester	22.12.16	1916	55		BP	36	2
21555	Arrangement of U.K. Metallic Packing	Full size details of numerous components Copy of CVR drawing dated 6.2.11	5.8.17	1917	55	-	PT	42	1
21581	MR-Detent Plug-No 101 Fuze	Full size sections of two components Copy of MR Dg No P.C. 16-9683 dated 4.6.16	6.16	1916	55	-	P	42	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21582	Untitled (Stretcher Support Brackets)	1" to 1' elevations and isometric sketch of brackets Copy of War Department drawing from Capt Hoskin	18.6.17	1917	55	-	PL	42	1
21654	GER-Arrangement of Setting for Two 24' 0" x 6' 6" Lancashire Boilers	½" to 1' elevations and plan of a pair of boilers in situ at Romford Factory Copy of Engrs Dg No 8559 dated 22.10.17	22.10.17	1917	56		BP	48	2
21655	GER-First Class Saloon F57-Revised Planning	¾" to 1' elevation and plan of suite showing new window and internal alterations to create a bath room and private room at left hand end Copy of Waring & Gillow Dg dated 31.7.17	27.8.17	1917	56		BP	35	1
21684	Ambulance Train for USA Army Personnel & Ward Car lettered C	3/8" to 1' interior plan of carriage showing heating pipes Cpy of Dargue, Griffiths & Co Ltd Dg dated 9.8.18	10.8.18	1918	56	-	P	31	2
21685	Ambulance Train for U.S. Army-Staff Car	2/8" to 1' interior plan of 7 compartment 54'0" carriage lettered B showing position of heaters Copy of Dargue, Griffiths & Co drawinf dated 9.8.18	28.10.19	1919	56	-	P	24	2
21705	Underframe for Acid Tank showing Method of Mounting Welded Tank	1" to 1' elevations and section of 15' 6" tank wagon for Messrs John Nicholson & Son Copy of C. Roberts Dg No 148	17.5.17	1917	56	-	BP	34	1
21726	Proposed Variable Brake Power Rigging for GER Covered Goods Wagon	1" to 1' elevation and plan of 10'0" wheelbase underframe showing arrangement of Vacuum brake gear Copy of Consolidated Brake & Engineering Co Dg No L2426A dated 29.10.17	5.11.17	1917	56	-	BP	31	2
21727	GER-Cartridge Q.F.18 PR. Case, Empty	Full size section and plan of base of case	6.1.15	1915	56		P	31	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21727	mark II/L/brass	Copy of SDO Dg No 5235 and also Loco Dg No 20711 dated 23.3.15	- .10.15	1915	56	-	BP	31	2
21732	GWR-Side Chains	Full size elevation of 7 link side chains Copy of GWR Dg No 8130A dated 2.89, issued 8.11.17	26.1.17	1917	56	-	BP	22	1
21752	Taylor's Rolled Steel "Empire" Disc Wheel	Full size part section of 3' 6 7/8" disc wheel on 9" x 4" journal Copy of Taylor Bros Dg No 6317	26.11.17	1917	56	-	BP	40	2
21765	Railway Transport-Profile of Standard Gauge for the Construction of all Locos, Cranes, Rolling Stock etc. for Overseas	1/20 scale profile with imperial and metric dimensions Copy of Director of Munitions Supply drawing dated 30.11.10	10.12.16	1916	56	-	BP	22	2
21766	Arrangement of T & K Lubricator in Loco Cab	Unscaled sketch showing position of lubricator in cab Copy of Vacuum Oil Co Dg No 106	5.15	1915	56	-	BP	34	1
21767	Untitled	Sketch of pipework for engine lubrication	10.12.17	1917	56	-	BP	31	1
21768	Vacuum Oil Co. Ltd, Westminster-Oil Atomising Box (Loco Pattern)	Full size sections and elevations of atomising box Copy of Vacuum Oil Co Dg No 134 undated	10.12.17	1917	56	-	BP	22	2
21769	Loco Check Valve	Full size elevation and section of valve Copy of Vacuum Oil Co Dg No 131	10.12.17	1917	56	-	BP	22	1
21770	1½ Gallon, 8 Feed T & K Loco Lubricator Centre Bearing	Full size elevation, section and plan of lubricator Copy of Vacuum Oil Co Dg No 124 dated 10.15	- .10.15	1915	56	-	BP	30	1
21771	1½ gallon, 10 feed T&K Loco Lubricator Footplate Pattern	Full size elevation, section and plan of lubricator Copy of Vacuum Oil Co Dg No 135 dated 1.16	10.12.17	1917	56		BP	35	1
21772	Enclosed Ratchet	Full size elevation, section and plan of hand operated ratchet Copy of Dg No 76 dated 10.14 origin unknown	10.12.17	1917	56	-	BP	22	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21773	Detroit No 22-A Triple Feed Locomotive Lubricator-Capacity 3 Pints	Full size elevation and sections of lubricator Copy of Detroit Lubricator Co Dg No 5070 dated 11.1.11	10.12.17	1917	56	-	P	24	2
21774	Detroit No 42A Five Feed Locomotive Lubricator	Full size sections and elevations of lubricator with part numbers Copy of Detroit Lubricator Co drawing	7.7.11	1911	56	-	BP	42	2
21775	GNSR-18 Element Cast Iron Superheater Header	3" to 1' elevation and sections of header and 6" to 1' details Copy of GNSR Dg No 552/4 dated 6.11.16	10.12.17	1917	56	-	BP	22	1
21776	Bengal Nagpur Rly-24 Element Cast Iron Superheater Header	3" to 1' elevation, section and plan of header for H.S. Class 2-8-0 engines Copy of superheater Corporation Dg No 521/3	17.4.16	1916	56	-	BP	34	1
21777	South African Railways-One Garratt Locomotive-21 Element Cast Iron Superheater Header	¼" to 1' front elevation and section of header and full size detailed section Copy of uperheater Corporation Ltd, Westminster Dg No 520/2	31.3.16	1916	56		BP	35	1
21778	Taylor's Rolled Steel "Empire" Disc Wheel	Full size part section of 3' 6 7/8" disc wheel on 8" x ¾" journal Copy of Taylor Bros Dg No 6323	-	-	56	-	BP	40	2
21779	GWR-Arrangement of Stays for Steel Firebox Plates from Messrs Worth Bros	1½" to 1' sections of firebox Attachment to GWR Dg No 43435	5.12	1912	56	-	BP	32	2
21780	GWR-Detail of Steel Firebox Stay	Full size details of stay with instructions and table of dimensions Copy of GWR Dg No 52263 dated 22.2.15	3.12.16	1916	56	-	BP	31	2
21781	GWR-Heavy Carriage Wheel & Axle	3" to 1' elevations of 3'7½" Mansell wheel and axle and full size section of wheel Copy of GWR Dg No 20591 dated 2.7.02	17.1.17	1917	56	-	BP	31	1
21782	Coupling of Wagon Stock	Table listing a wide variety of vehicles coupled, type of coupling and distances between vehicles Copy of GWR Dg dated 14.12.16	14.12.16	1916	56	-	BP	31	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21783	Diagram of Lifting Tackle-GER Engine 0-6-0 Class	3/8" to 1' side elevation of tackle for lifting engine by crane at dock side Copy of GWR Dg No 54566 dated 30.1.17	1.17	1917	56	-	BP	40	1
21784	GWR-Diagram of Lifting Tackle - Gallon Tender	3/8" to 1' elevation and plan of tackle for tender Copy of GWR Dg No 54567 dated 30.1.17	31.1.17	1917	56	-	BP	31	1
21785	GWR 9" x 4 5/8" "E" Oil Axle Box-Equalising Beam Bogie	Full size elevation, section and plan of axlebox Copy of GWR Dg No 42769 dated 10.10	16.1.17	1917	56	-	BP	24	1
21786	L&YR-Piston Valve with Automatic Release Valves - 8 Wheeled Coupled Superheater Goods Engine	Full size sections and elevations of valves for 0-8-0 locomotives Copy of L&YR Dg No 12380 dated 5.12.16	31.12.17	1917	56		BP	48	2
21787	L&YR-Ball Anti-vacuum Valve for Superheaters for 6 Coupled Twin Plug Superheater Goods Engine No 243	Full size section of valve and 3" to 1' arrangement Copy of L&YR Dg No 12341 dated 5.12.16	31.12.17	1917	56		BP	48	2
21788	L&YR-20 Tons Coal Wagon fitted with Side & Bottom Doors	1½" to 1' general arrangement of 21' 6" wood framed wagon Copy of L&Y Dg No 8382	31.12.13	1913	56	-	BP	34	1
21789	L&YR-20'0" Fruit Wagon Side & End Doors, 12" Underframe 12 Tons	1½" to 1' general arrangement of 20'0" 5 plank open wagon Copy of L&YR Dg No 8308 dated 23.6.17	25.6.17	1917	56	-	BP	23	1
21790	L&YR-Covered Goods Wagon with Sliding Doors & Steel Frame	1" to 1' general arrangement of 20'0" wagon vacuum fitted Copy of L&Y Dg No 8050 dated 28.6.17	31.12.17	1917	56	-	BP	23	2
21791	L&YR-Cross Section of Present Standard Carriage with Ordinary Compartments	1½" to 1' dimensioned cross section of body Copy of L&YR Dg No 9093 dated 23.6.17	25.7.17	1917	56	-	BP	24	1
21792	L&YR-20'0" Low Goods Wagon 12 Underframes Capacity 12 Tons	1½" to 1' general arrangement of single plank wagon Copy of L&Y Dg No 3309 dated 13.6.17	31.12.17	1917	56	-	BP	22	2
	L&YR-Present Standard Carriage with	3" to 1' elevation of compartment side and door sections							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21793	Ordinary Compartments-Drawing of Door and Outside Arrangement of Body Embracing One Compartment	Copy of L&YR Dg No 9094 dated 23.6.17 My comment: panelling of baywood, lower door panels of 18SWG aluminium	31.12.17	1917	56		BP	48	1
21794	L&YR-Oil Axlebox for 12 Ton Wagons	Full size elevations, sections and plans of box for 9" x 4 ¼" journals, type B5 Copy of L&YR Dg No 8776 Endorsed: Fruit wagon No 34698 fitted with trial boxes 6.16	4.7.17	1917	56		B-P	35	1
21795	L&YR-Diagram showing Maximum Dimensions of Present Standard Carriages with Ordinary Compartments	¼" outline of carriage with dimensions and ½" to 1' load gauge Copy of L&YR Dg No 9092 dated 23.6.17	31.12.17	1917	56		BP	48	1
21796	L&YR-Brake Block Cast Iron	6" to 1' elevation and section of block, pattern 1188A Copy of L&YR drawing dated 4.7.17	31.8.17	1917	56		BP	48	1
21799	Ministry of Munitions-60cm Railways Workshop Trains-Diagram of Connections, Distribution Switchgear & Train Wiring	Outline representation of 6 coaches showing position of equipment Copy of Siemens Brothers Dg No CSP 94A dated 15.1.17	16.11.17	1917	56	-	BP	31	1
21825	GER-20 Ton Covered Goods Wagon for Overseas-GA of Underframe	1" to 1' elevations, sections and plan of 25' wood frame, 12' 3" wheelbase and self contained buffers	15.1.18	1918	56		BP	37	2
21826	20 Tons Covered Goods Wagon-General Arrangement of Body	1" to 1' general arrangement of 25' wagon with corrugated wrought iron roof and 6" to 1' section through doorway Copy of Clayton & Shuttleworth Dg No M5962	22.1.17	1917	56	-	BP	40	1
21841	GER Eastern Division-Ipswich Dock Tramway - Common Crossing	3" to 1' plan of crossing using flat bottom rail and full size detail of crossing point Copy of Eastern DCE, Ipswich Dg No 5173E	15.11.17	1917	56		BP	35	2
21842	SE&CR Diagram of Class M Engine & Tender	¼" to 1' diagram of 2-6-0 tender engine	20.9.18	1918	56		BP	25	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21845	SE&CR-Diagram of Class N Engine & Tender	Copy of SE&CR Dg No S-1577 dated 5.12.17	30.9.18	1918	56		BP	33	2
21846	NER-Anti Friction Roller Gear for 15 Ton Wagon	6" to 1' side elevation and end section of apparatus Copy of Antifriction Equipment Railways Ltd Dg No 401 dated 20.5.03	20.5.03	1903	56	-	P	41	2
21847	NER-Anti Friction Roller Gear for 15 Ton Wagon	6" to 1' side elevation and end section of apparatus Copy of Antifriction Equipment Railways Ltd Dg No 650 dated 20.5.03	20.5.03	1903	56	-	P	41	1
21848	Spring Hanger & Auxiliary Journal for Anti-friction Equipment	Full size elevations and plan of gear Copy of Antifriction Equipment (Railways) Ltd Dg No N710	2.04	1904	56	-	P	34	2
21849	G&SWR-Design of Anti Friction Roller Gear for 16 Ton Wagons	3" to 1' elevations and plan of gear Copy of G&SWR Dg No 607			56	-	P	30	3
21850	Anti Friction Equipment (Railways) Ltd-General Arrangement of Standard Fittings for Wagons of 20 Tons Capacity and Over	6" to 1' elevations and section of equipment Copy of Anti Friction Equipment (Railways) Dg No 254	11.2.18	1918	56	-	P	42	1
21851	RODRE-Type 51 Locos, C de F, Etat Belge-Valve Spindle	Full size elevation of spindle Copy of ROD Dg No WO29 dated 25.1.18	8.3.18	1918	57	-	BP	26	2
21852	RODRE-Etat Belge Type 25 Locos-Crosshead	6" to 1' arrangement and full size details of crosshead Copy of SE&CR Dg No BL-523 dated 9.3.17	9.3.17	1917	57	-	BP	26	1
21853	RODRE-Type 25 Locos C de F, Etat Belge-Leading, Driving & Trailing Axlebox	6" to 1' elevation, section and plan of axlebox Copy of SE&CR Dg No BL-360 dated 16.6.17	16.6.17	1917	57	-	BP	26	2
21854	Injector Steam Cock (Locos Type 25)	Full size section and plan of cock and details of 9 components Copy of SE&CR Dg No BL-273 dated 31.1.18	31.1.18	1918	57	-	BP	26	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21859	GER-March Engine Shed-Proposed Position of Y14 Class Boiler in Pump House	1/8" to 1' plan of east end of shed showing position and use of offices under water tank	- .2.18	1918	57	-	P-C	9	2
21882	GWR-Arrangement & Details of Hot Water-Boiler Washing Apparatus	Full size arrangement and details Copy of GWR Dg No 52392 19.2.18	19.2.18	1918	57	-	BP	13	3
21892	Firebars	Full size section of 4 types of firebars Copy of SE&CR Dg No BL-4 dated 26.3.18	26.3.18	1918	57	-	BP	26	1
21893	RSAF-Brimsdown Rly-RGPF Coal & Stores Siding - Automatic Gravity Coal Tipper	½" to 1' general plan of tipper for standard gauge stock Copy of RSAF Dg No 13170S dated 23.3.17	23.3.17	1917	57	-	BP	42	1
21894	RSAF-Brimsdown Rly-RGPF Coal & Stores Siding-Automatic Gravity Coal Tipper-Details of Counterweight	1½" to 1' elevations and sections of counter weights Copy of RASF Dg No A114 & E127 dated 25.4.17	25.4.17	1917	57	-	BP	26	1
21895	Brimsdown & RSAF Rly RGPF Coal & Stores Siding-Longitudinal Section	1" to 66' horizontal scale Copy of Dg A82A	25.3.18	1918	57	-	BP	20	2
21896	RGPF Coal & Sores Siding-Automatic Gravity Coal Tipper-Details of Additional Segments	1½" to 1' details of segments Copy of Dg No E128A dated 12.10.17	25.3.18	1918	57	-	BP	20	2
21897	RSAF Brimsdown Rly-RGPF Coal & Stores Siding Automatic Gravity Coal Tipper-Details of Operating Levers & Shackles	3" to 1' details of equipment Copy of RSAF Dg No A115 dated 24.7.17	24.7.17	1917	57	-	BP	30	1
21898	RSAF-Brimsdown Railway-RGPF Coal Stores & Siding-Automatic Gravity Coal Tipper	1" to 1' details of components Copy of Enfield Dg No 112 dated 26.4.17	25.3.18	1918	57	-	BP	22	1
21899	R.S.A.F. Brimsdown Rly-R.G.P.F. Coal Stores & Sidings-Automatic Gravity Coal Tipper-Details of Roller Castings	1 ½" and full size arrangement and details of components Copy of Dg No A113, Enfield	25.4.17	1917	57		BP	35	1
21900	RSAF-Brimsdown Railway-RGPF Coal and Stores Sidings-Bridge over Ballast Track	¼" to 1' elevations and plans of narrow gauge bridge under standard gauge line Copy of RSAF Dg No A116 dated 22.4.17	25.3.18	1918	57	-	BP	9	2
21901	RSAF-Brimsdown Rly-Automatic Gravity Coal Tipper -Details of C.I. Counterweight to	1" to 1' part elevation and end plan Copy of RSAF Dg No A112A	22.8.17	1917	57	-	BP	32	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21919	GWR-Arrangement of Boiler Washing Plant- Westbury Engine Shed	¾" to 1' section of shed and 1/8" to 1' plan of plant	19.2.18	1918	57	-	BP	32	2
21920	GWR-Drain Valve on Steam Pipes for Boiler Washing GWR-Steam Connection for Hot Water Boiler Washing	Full size elevations and section of valve Copy of GWR Dg No 52997Att dated 19.2.18 Full size sections of connection Copy of GWR Dg No 52392Att dated 19.2.18	20.2.18 19.2.18	1918	57	-	BP	26	2
21921	GWR-Arrangement of Hot Water Boiler Washing Apparatus fitted with Overflow Pipes	Unscaled arrangement with names of the locations where used Copy of GWR Dg No 53980 dated 19.2.18	19.2.18	1918	57	-	BP	26	1
21923	Internal Steam Cock as fitted to ACFI Feed Water Heater 1500 Class	Full size details of 1½" injector fitted to T19, T77, D81, S69 classes My comment: too fragile to examine	27.7.20	1920	57	-	P	20	4
21926	Type 30, 32 & 32S, Etat Belge-Smokebox Door Details	3" to 1' details of 14 components Copy of Dg No BL-545 (2 copies)	7.9.17	1917	57	-	BP	32	1
21929	Private Owners Wagons with Wood Underframes - Proposed Alteration to Drawbar Plate	3" to 1' plan and elevation of headstock Copy of RCH Dg No 325 dated 8.17	6.5.18	1918	57	-	P	22	2
21930	Midland Rly-Method of Mounting Gas Tank on Steel Underframe-Alternative to War Dept. TWD 5738	1" to 1' elevations and half plan of 19'6" steel underframe with 5'6" diameter tank MR Dg No 326 RCH dated 22.4.18 My comment: tank encased in timber housing to make tank invisible	22.4.18	1918	57	-	P	26	1
21945	L&NER-Wagon Axle Box B1	Full size elevations, sections and plans of oil axlebox showing in red cast iron components Endorsed: 500 to this	- .3.23	1923	57	-	P	26	1
21975	GWR-WD Goods Brake Van Nos. 71729 &	3/8" to 1' elevations and interior plan of 18' 1' Goods Brake	07/06/1920	1920	57		DT	47	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
21975	71751	Copy of GWR Dg No 588897 dated 26.5.20	07/06/1920	1920	57		PT	47	2
21987	Diagram shewing Average Age of Total Engine Stock during 19 years ending 31.12.1919 Diagram shewing Average Age of Boiler Engine Stock during 19 years ending 31.12.1919	A graph for the period 1900 to 1919 showing increasing age of stock	27.1.20	1920	57	-	PT	20	1
21988	GER-Cambridge Loco Sidings-Proposed Covered Accommodation for Wagon Repairs	1" to 60' plan showing building 200' x 30' adjoining paint and smiths stores Endorsed: see letter to Sir Henry Thornton dated 24.12.19 re Wagon Repairs	24.12.19	1919	57		P-C	35	1
22000	Ramp for Detraining Horses	1" to 1' side elevation and plan of timber ramp Endorsed: Secret, C.R. 6/8/C.E.	17.5.18	1918	57		PT	39	1
22001	Handrail to Ramp for Detraining Horses	1" to 1' elevation of ramp to ground level from cattle wagon showing hand rail Copy of War Office Dg No 93/3 dated 29.5.18	29.6.18	1918	57	-	PT	26	1
22083	Boiler Tube Plate-Belgian Loco - part copy	Unscaled sketch of tube plate Copy of SE&CR Dg No BL-589 part dated 8.8.19	3.9.18	1918	57	-	BP	22	3
22095	GER-Profile Diagram of GE Horse Box No.602 with SE&CR Gauge Superimposed	1½" to 1' profile	28.8.18	1918	57	-	P	10	2
22113	SE&CR-10 Ton Covered Goods Wagon	1" to 1' general arrangement of steel framed 17'0" wagon Copy of SECR Dg No 4455A dated 10.14	26.8.14	1914	57	-	BP	22	2
22114	SE&CR-12 ton Open Goods Wagon	1½" to 1' general arrangement of 17'0" 7 plank open wagon Copy of SE&CR Dg No 4450 dated 1.15	24.8.18	1918	57	-	BP	26	2
	SE & CR-Smokebox Door & Liner	3" to 1' elevation, section and plan of door with full size details							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22116	SE&CR-Smokebox Door Details	Copy of SECR Dg No S1184 dated 29.4.10 Full size details of components Copy of SECR Dg No S1185 dated 29.4.10	29.4.10	1910	57	-	BP	23	2
22117	Railway Steel-Spring Co-Steel Tired Wheel Department, New York	½" to 1' half section and quarter elevation of 3'2" dia wheel Copy of sketch No 459-A 20.8.17	30.9.18	1918	57	-	BP	20	1
	Railway Steel-Spring Co-Steel Tired Wheel Department, New York	½" to 1' half section and quarter elevation of 3'2" dia wheel Copy of sketch No 460-A 21.8.17	21.8.17						
	Railway Steel-Spring Co-Steel Tired Wheel Department, New York	½" to 1' half section and quarter elevation of 3'2" dia wheel Copy of sketch No 461-A 22.8.17	22.8.17						
22118	WD-Arrangement of Buffers, Couplings, Side Chains, Screw Couplings, Suspending Hook for Converting British Traders Wagons	1/8" to 1' elevation and plan of headstock showing arrangement Copy of WD Dg No L337 dated 25.11.16 with correspondence	11.16	1916	57	-	P	43	2
	WD-Sketch showing position for Fixing Tail Lamp Bracket on British Traders wagons	1 ½" to 1' elevations of wagon showing bracket Copy of Dg No M.R.2L336 dated 2.11.16	11.16	1916			P		2
22121	Wakefield's Patent Mechanical Lubricator, Lubricator and Anti-carboniser Combined-4 Feeds, ½ Gallon Capacity No 7BB Pattern	Full size sections and plan of lubricator Copy of C.C. Wakefield Dg No 278 dated 30.5.18	30.5.18	1918	57	-	BP	26	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22122	16 Ton Covered Goods Wagon	1" to 1' general arrangement of 20'0" wagon with side chains and self contained buffers Endorsed: Prepared by MR Co for CM 5 MoM	- .11.16	1916	57	-	P	26	2
22123	Proposed Alternative Side Chain Bracket for GCR High Sided Goods Wagons Proposed Alternative Side Chain Brackets for GCR High Sided Goods Wagons	Full size elevation and plan of bracket Copy of Dg No GCR 5589 1.17 Full size elevation and plan of bracket Copy of Dg No GCR 5587 18. 1.17	- .1.17	1917	57	-	P	20	3
22125	Proposed 2-6-0 Standard Goods Engine- B.M. Diagram on 10, 20, 40, 60, 80 and	Bending moment diagram My comment: too fragile to examine	10.18	1918	57	-	CP	40	3
22126	Proposed 2-8-0 Standard Goods Engine-BM Diagrams on Spans of 10'0"; 20' 0";40'0"; 60'0" &100' 0"Spans	Bending moment diagram Copy of Association of Locomotive Engineers Dg No SL2 dated 4.18	- .10.18	1918	57	-	CP	30	2
22141	Type 25 Loco Etat Belge	6" to 1' elevation and section of feed valve body and connector end plug Copy of SECR Dg No BL-424 dated 25.11.17 prepared for WD	4.11.18	1918	57	-	BP	22	2
22158	20 ton Covered Goods Wagon	1" to 1' general arrangement of 25'0" wagon Dg prepared by MR for CM5, M of M for Nord Railway dated 11.16	- .11.16	1916	57	-	P	27	3
22185	Equivalent Uniformity Distributed Loads in Tons per Foot Run of Span	Graph Copy of MR Dg No D.476 10.12.18	20.6.21	1921	57	-	PT	13	1
22191 Part	LNER-Engines Type J15-19-Sketch showing Proposed Position of Condensation Release	Full size section of valve	1.2.35	1935	57	-	TP	26	2
22201	GER-Arrangement of Steel Underframe for 54 Feet Main Line Carriages	1 ½" to 1' elevations, section and plan of frame with details Print dated 20.1.55	14.3.19	1919			P	55	1
22239	Caledonian Rly-Combined Separator & Superheater Passenger Goods Engine	3" to 1' elevation and section of apparatus	-	1918	57	-	BP	26	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Superheater-Passenger Goods Engine	Copy of Superheater Co drawing							
22240	SE&CR-Construction & Loading Gauge showing Maximum Load for Four Wheeled	½" to 1' profile of gauges Copy of SE&CR drawing dated 1.11	1.11	1911	57		Litho	48	2
22241	SE&CR-Firebars	Full size elevations of 4 types of firebar Copy of SE&CR Dg No BL-4 dated 16.7.18	16.7.18	1918	57	-	BP	26	2
22242 Part	Engines for Overseas-Steel Tube Plates for Smokebox (Belgian Railways repaired at Stratford)	1½" to 1' elevation of tubeplate and full size section; plates to BSS No 16 Copy of SE&CR Dg No BL-589 dated 21.8.17	21.8.17	1917	57	-	BP	26	3
22243	Type 25 Loco Etat Belge-Feed Valve Body, Connector & Plug	6" to 1' elevation, section and plan of component Copy of SECR Dg No BL-424 dated 27.11.17	27.11.17	1917	57	-	BP	30	1
22244	RODRE-Type 51 Locos, C de F, Etat Belge-Valve Spindle	Full size elevations of spindle Copy of SE&CR Dg No 286 dated 8.3.17	8.3.17	1917	57	-	BP	26	2
22300	(Covered wagons with and without sheeting)	½" to 1' sketches of 24' steel bodied open wagon, part covered, part open with raised ends showing (a) wagon unsheeted, (b) sheeted up; (c) end view My comment: Shannon card is endorsed: wagon arrangement of Mr Womack's suggestion for new wagon partly covered (Wormack worked at Bishopsgate)	12.5.19	1919	57		P	37	2
22304	Outlet Stool with Blank Flange in Relation to Drawgear on M of M tank No. 338	3" and 6" to 1' sections of components Copy of Dg RCH 332 dated 1.19 Midland Railway	26.5.19	1919	58		Litho	46	1
22305	Private Owners 20 Ton Ordinary and 20 Ton Tank Wagons-Cast Steel Axlebox (Opening Front Type)	6" to 1' elevations, sections and plan of oil axlebox for 5" x 10" journals Copy of MR Dg RCH 335 dated 12.5.19	26.9.19	1919	58		Litho	51	1
22306	MR-Drawgear for Bogie Carriages	Full size elevation and plan of drawgear Copy of MR Dg No 4131 dated 17.6.14	17.6.14	1914	58	-	P	26	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22307	Part Arrangement of 54 Ft Bogie Carriage Underframe Shewing Drawgear	1 ½" to 1' elevation and plan of part of steel underframe Copy of MR Dg No Pt 4391 dated 17.8.18	2.8.18	1918	58		Litho	51	2
22308	LNWR-Steel Draw Hook	Full size elevation and plan of hook Copy of LNWR Dg No 3/531 2.8.18	26.5.18	1918	58	-	BP	13	2
22309	LNWR-Details of Steel Draw Gear for all Carriage Stock	3" to 1' details of 12 components Copy of LNWR Dg No 3/544 dated 12.1.15	5.8.18	1918	58		BP	37	1
22310	LNWR-Details of Steel Draw Gear	Full size details of 4 components Copy of LNWR Dg No 3/358 dated 15.12.14	5.8.18	1918	58		BP	37	1
22311	LNWR-Draw Gear 42' 0" to 57' 0" Long	1½" to 1' section and plan of drawgear and table of dimensions for varying length of underframe Copy of LNWR Dg No 3/540 dated 29.12.14	5.8.18	1918	58		BP	37	1
22312	GWR-Carriage Drawbar Hook	Full size elevations and plan of draw hook Copy of GWR Dg No 25963 dated 9.04	3.8.18	1918	58		BP	37	2
22313	GWR-Arrangement of Buffing & Draw Gear-69' 5" Underframe	1½" to 1' arrangement shown on part of steel underframe Copy of GWR Dg No 49676 dated 11.13	7.8.18	1918	58		BP	37	1
22315	Birmingham Corporation Gas Dept-Proposed Conversion of Steel Hopper Wagons to Wood Bodies	1" to 1' elevations, section and plan of 18' wood body hopper wagon with steel frames Copy of Metropolitan RC&W Co Dg No 22367 dated 6.3.19 Endorsed: alternative proposal 614 cu ft	12.3.19	1919	58		BP	46	1
22316	LNWR-45' 0" Open Scenery Truck	¾" to 1' elevations, sections and plans of 45' steel framed bogie truck Copy of LNWR Dg No 2/601 dated 16.3.19	27.1.19	1919	58		P	45	2
		3" to 1' elevation and plan of lid and chain							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22317	Proposed Retaining Chain for Manhole Lid	Copy of MR Dg No 327RCH dated 13.5.18 Endorsed: to (RCH) sub ctte 11.5.18	13.5.18	1918	58		Litho	37	1
22330-1	LNER-Tender spring engines type B12, D15-16, J17-20	Full size spring 3'11" centres, unloaded, 15 plates, 4" x ½" Copy date stamped 30.9.54 Two copies	4.34	1934	-	-	P	55	1
22332	GER-Wagon Doors-Fastening for Securing Folding Doors when Open	1 ½" to 1' part side elevation and section of covered goods wagon and full size details of fittings Endorsed: for new wagons only 8.7.19	5.6.19	1919	58		P	51	1
22335	GER-Details of Port Face Filing Machine	6" to 1' elevations and plans of levers and plates for various classes Copy of SDO Dg No 6176	6.19	1919	58		P	51	2
22354	GER-Six Wheels Coupled Bogie Express Engines Class 1500-Motion Arrangement	3" to 1' elevations and plan of motion My comment: original drawing dated 5.1919	21.8.30	1930	58	-	BP	34	3
22354	LNER-Motion Arrangement-Six Wheels Coupled Bogie Express Engines Class 1500	3" to 1' elevations and plan of motion	5.19	1919	58		BP	47	2
22360-1	GER-Type B12 Tenders Class 1500-Arrangement of Pipes for Air Vents & Steam Heating	1 ½" to 1' arrangement of tender Endorsed: for shovelling plate and cupboard doors; see Dg No 22360-3 for alterations to flap plate 8.8.28	5.6.28	1928	58		P	51	2
22360-2	GER-Type B12 Tenders Class 1500-Arrangement of Pipes for Air Vents and Steam Heating	1 ½" to 1' arrangement of tender Endorsed: for shovelling plate and cupboard doors	5.8.28	1928	58		P	51	2
22372	GER-20 Locomotives & Tenders Class 1500-List of Parts Specified in Wrought Iron which we propose to make of Steel	Schedule of components-Sheets 1 and 2 Copy of Beardmore drawing dated 7.7.19	7.7.19	1919	58		PT	37	1
22373 Part	LNER-4-6-0 Engines type B12-Gunmetal Oilbox for Motion Plate Bracket	Full size section and plan of oilbox	12.6.28	1928	58		P	46	2
22380 Part	LNER-4-6-0 Engines Type B12-Westinghouse Pump Exhaust Pipe & Elbow	6" to 1' arrangement and details Endorsed: copy snet to Beyer, Peacock & Co	6.28	1928	58		P	37	3

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22397	Details of Boonzaier's Patent Coupling	Unscaled sketches Nos 1, 1A, 2, 3, 4 and 5 of components with notes	9.19	1919	58		BP	45	2
22412	Engines with Daniel's Mechanical Train Control-Trailing Ramp	¼" to 1' details of fittings My comment: too fragile to examine	8.19	1919	58		PB	45	4
22430	GER-20 Locomotives & Tenders Class 1500-List of Parts Specified in Wrought Iron which we propose to make of Steel	Schedule of components Copy of Beardmore drawing dated 5.9.19	15.9.19	1919	58		PT	37	1
22435-4	LNER-Steel Steam Pipes for Robinson or Schmidt Superheater, Engines Type B12,	3" to 1' elevations of two pipes 5 1/8" diameter, left and shown	28.11.30	1930	58		BP	45	1
22456	GER-Back Cylinder Cover-S69 Class	Full size elevation and section of cover Copy of United States Metallic Packing Co Dg No 207309-18 dated 10.9.19	12.12.21	1921	58		BP	37	2
22465	GCR-Four Wheeled Carriage Bogie 8ft 0ins Wheelbase	3" to 1' elevations and plan of bogie Copy of GCR Dg No 5174 dated 5.12.17	6.12.17	1917	58	-	BP	42	2
22466	GCR-Continental Ambulance Trains-55' 11" Steel Underframe	1" to 1' general arrangement of underframe and bogie Copy of GCR Dg No 5662 dated 7.12.17	7.12.17	1917	58		BP	46	3
22467	Chemin de fer D'Orleans Wagons 20 Ton Coal Wagon	1/10 scale general arrangement of open wagon with sheet rail Copy of Chemin de Fer Dg No 46170	-	1918	58		P	46	2
22468	Chassis neuf en acier de 6m.000 pour wagons (type modifie' 1912)	1:10 elevation, plan and section of channel steel underframe 5.05m Copy of Dg No 49404 Endorsed: old wooden box wagons standard steel frame for old coal wagons	-	1918	58		P	37	2
22469	Chassis neuf en acier de 5m.050 pour wagons à huile (type modifie' 1912)	1:10 elevation, plan and section of channel steel underframe 5.05m coal wagons Copy of Dg No 49405	-	1918	58		P	37	1
22470	Wagons-Installation sur chassis en acier de 6m.000 de caisses existantes de wagons Hx	1:10 general arrangement of 6m 2 plank steel framed open dropside Copy of Dg No 53088	-	1918	58		P	37	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22470	Données de caisses existantes de wagons n° 2110 à 2209	Endorsed: application of a standard 6m steel frame to an old wooden flat wagon	-	1918	58		P	37	2
22471	Chemin de fer D'Orleans-Wagon couvert à marchandises à charpente en acier-Chemen de Fer D'Orleans	1/10 general arrangement of covered goods wagon length 8m, wheelbase 3.7m Copy of Dg No 47197 with schedule of conversions to imperial	28.10.19	1919	58		P	51	2
22472	LNWR-Standard Gangway Slip Lever	Full size elevations of lever Copy of LNWR Dg No 2/351 dated 4.2.18 My comment: related to ambulance train committee	4.2.18	1918	58		BP	37	1
22474	20 Ton Hopper Ore Wagon	1½" to 1' general arrangement of 15' 6" steel bodied wagon with sloping sides Copy of Hurst, Nelson Dg No 01649 dated 28.4.19	28.10.19	1919	58		BP	46	2
22475	GER-Stones Electrical Installations for railway Carriages-Proposed Wiring Diagram-Lights Controlled from Either Side of Vestibule for 7 Compartment Carriage	Unscaled plan of roof and underframe wiring with double battery Copy of J. Stone & Co Dg No 6265/5 dated 19.3.19	28.10.19	1919	58		BP	45	2
22476	Stones Electrical Installations for Railway Carriages-GER Proposed Wiring Diagram	Diagrammatic sketch of 7 compartment corridor carriage showing position of roof and underframe wiring	20.5.19	1919	58		BP	37	1
22477	GER-Stone's Electrical Installations for Railway Carriages-General Arrangement of Main Switch with External & Internal	Full size elevations and plans of components Copy of J. Tone & Co Dg No 6265	14.5.19	1919	58	-	BP	34	2
22478	LBSCR-Four Wheel Bogie-5' 0" Wheelbase, 6' 3" Journals	3" to 1' elevations, sections and plan of bogie Copy of LBSCR Dg o 528 dated 24.4.11	4.12.17	1917	58		BP	37	2
22479	LB&SCR-Four Wheel Bogie 8' 0" Wheelbase, 6' 6" journal centres	3" to 1' elevations, sections and plan of bogie Copy of LB&SCR Dg No 523/10 dated 11.4.11	29.10.19		58		BP	51	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22480	LBSCR-54' 0" Underframe	1 ½" to 1' elevation, plan and section of steel underframe arranged on two sheets Copy of LBSCR Dg No 1055/7	4.11.14	1914	58	-	BP	34	2
22481	GWR-Proposed Continental Ambulance Train No 33	1/16" to 1' plan of interior of 16 carriage train of 57' 0" stock# Copy of GWR Dg No 54972 dated 7.5.17	28.10.19	1919	58	-	BP	42	1
22483	LNWR-Detail of Shock Absorbing Buffer for Continental Ambulance Trains	6" to 1' elevations, plans and details of buffer Copy of LNWR Dg1/473 dated 12.9.17 Endorsed: see minutes of Informal Meeting of Ambulance Train Cttee held on 1.2.18	12.9.17	1917	58		BP	46	2
22484	LBSCR-Wheel & Axle for Trailer Car-Crystal Palace Service	Full size half section of wheel and axle Copy of LBSCR Dg No 399 dated 26.7.10	30.10.19	1919	58		BP	37	2
22485	LSWR-Arrangement of Handbrake Gear for AAT Coaches	1½" to 1' part elevation showing outside brake column on carriage	5.1.18	1918	58		BP	37	1
22486	The British Potash Co. Ltd-10 Ton Hopper Wagon	1" to 1' elevations, sections and plan of 20' 3" covered wood framed wagon Copy of Birmingham RC&W Co Dg No 23660 dated 9.4.19	18.6.19	1919	58		BP	45	2
22488	L&NWR-Four Wheel Bogie 8' 0" or 9' 0" Wheelbase	1 ½" to 1' elevations, sections and plans of bogie Copy of LNWR Dg No 2/677 dated 8.8.16	8.16	1916	58	-	BP	42	1
22489	LNWR-57' 0" Underframe	1½" to 1' elevation, sections and plan of steel underframe Copy of LNWR Dg No 1/92	31.10.19	1919	58	-	BP	34	2
22490	NER-General Arrangement of Underframe for Third Class Bogie Carriage	1" to 1' arrangement of 52' underframe with arrangement of brakework Copy of NER Dg No 4464 undated	11.12.17	1917	58		BP	37	1
		1½" to 1' elevations, sections and plan of bogie							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22491	Caledonian Rly-Arrangement of Carriage Bogie 3' 6" Wheels, 8' 0" Wheelbase	Copy of CR Dg No 19220 dated 17.9.17 and covering letter Endorsed: to be used for future ambulance trains	17.9.17	1917	58		BP	46	2
22492	Continental Ambulance Train-56' 5" Underframe	1" to 1' elevation, sections and plan of underframe Copy of MR Dg No 4610 dated 4.5.17	1917	31/10/1919	58		BP	37	1
22493	MR-Four Wheeled Bogie (Channel Solebar)	1½" to 1' elevation, section and plan of 9' wheelbase bogie Copy of MR Dg No 3857 dated 16.5.13 My comment: relates to the standardisation of materials used for ambulance trains	1.12.17	1917			P	37	1
22494	LSWR-Bogie with Long Bolster for Dining Saloon	1 ½" to 1' elevations, sections and plan of 8' 0" wheelbase bogie Copy of of LSWR Dg No 1853 dated 3.12.17	5.12.17	1917	58		BP	51	2
22495	L&YR-Bogie for Continental Ambulance Train Reconstructed from Standard Bogie to Dg No 5926	1½" to 1' elevations, sections and plans of 8' wheelbase bogie Copy of L&Y Dg No 8735 4.12.17	4.12.17	1917	58	-	BP	13	2
22496	L&YR-Continental Ambulance Train-Underframe for Ward and Personnel Cars Orders T30 and V30	1 ½" to 1' half elevations and plans of 55' 11" underframe Copy of L&YR Dg No 9114 dated 4.12.17	5.12.17	1917	58		BP	51	2
22497	NER-52' 0" Underframe	1" to 1' elevations, sections and plans of steel frame fitted for gas and Westinghouse brake Copy of NER Dg No 7506 dated 7.12.17	31.10.19	1919	58		BP	51	2
22498	Caledonian Rly-Underframe for 57'-0" x 9'-0" Carriage	1 ½" to 1' part elevations and plans of 57' 0" underframe Copy of CR Dg No 19287 dated 30.11.17	30.11.17	1917	58		BP	51	3
22499	GWR-56' 4" Underframe	¾" to 1' elevations and plan of underframe Copy of GWR Dg No 48860 dated 10.13 My comment: relates to the standardisation of materials used for ambulance trains	4.12.17	1917	58		BP	37	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22500	LSWR Carriage Bogie	1½" to 1' arrangement and sections of 8' wheelbase bogie Copy of LSWR Dg No 1785 dated 3.12.17 My comment: relates to the standardisation of materials used for ambulance trains	5.12.17	1917	58		BP	37	2
22501	LSWR-56 Ft Corridor Third Brake Underframe	¾" to 1' elevations and sections of steel underframe Copy of LSWR Dg No 1604 dated 3.12.17	3.12.17	1917	58		BP	45	2
22502	NER & ECJS-Four Wheeled Carriage Bogie 9" x 4" Journals	3" to 1' elevations, sections and plan of 8' wheelbase bogie Copy of NER Dg No 5746 revised dated 11.12.17	11.12.17	1917	58		BP	46	2
22503	GWR-Cupboards for Officers Kit-Stores Car-Continental Ambulance Train	1½" to 1' elevations and plan of cupboards in carriage Copy of GWR Dg No 55538	15.10.17	1917	58	-	BP	34	2
22504	Private Owners 20 Ton Ordinary & 20 Ton Tank Wagons-Cast Steel Axlebox (Opening Front Type)	6" to 1' elevations, sections and plans of oil axlebox for 10" x 5" journals Copy of RCH Dg 170 Midland Rly dated 5.19	5.19	1919	58		Litho	46	2
22505	Diagram of Westinghouse Brake	Unscaled diagram showing all the equipment required for engine and train	7.19				PT		1
	Comparative Tests of Direct Acting Steam Driven Compressors	Table of results for 3 sizes of pump Copy of Westinghouse Brake Co Dg No 45481 dated 20.7.19	20.7.19	1919	58		BP	46	1
	General Arrangement-Outside View Tandem Compound Air Compressor	3" to 1' elevations of compressor Copy of Westinghouse Brake Co Dg No 437941 dated 12.10	21.7.19				BP		2
22506	LNWR-Coupling Link Opener	Full size elevations of opener Copy of LNWR Dg No E/51 dated 17.7.19	3.11.19	1919	58		BP	51	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22507	LNWR-Arrangement for Securing defective Brakes- 8 Twist Links ¼" dia Iron	Full size details of links and 3" to 1' details of method of securing Copy of LNWR Dg No D-357 dated 20.5.19	22.7.19	1919	58		BP	37	1
22508	PO Tank Wagons-Proposed Extension of Valve Cone to Prevent Unseating	3" to 1' sectional elevation of valve Copy of MR Dg No 334RCH	18.7.19	1919	58		Litho	37	1
22509	Private Owners Tank Wagons-Conversion of Class B Tanks for the Conveyance of Class B or Class A Liquids	Sketch elevations and sections showing modifications Copy of MR Dg No 336 RCH dated 5.8.19	5.8.19	1919	58	-	Litho	42	1
22515	Midland Rly-Schedule of Materials most Frequently Required in Wagon Repairs together with Pro forma Requisitions for Materials	List of 22 items with sheet of 9 illustrations combined with order form Copy of Midland Rly forms	13.5.18	1918	58	-	P	34	1
22516	30 Ton Bogie Low Sided Wagon-General Arrangement	¾" to 1' elevations, section and plan of 37' 6" 3 plank dropside wagon for War Office Rendel, Palmer and Tritton Dg No 1019, No 3 dated 9.18	9.18	1918	58		P	46	2
22517	LSWR-Built Up Axlebox S-Welded Type	Full size elevations, sections and plan of axlebox for 9" x 4" journal Copy of LSWR Dg No 31600 Endorsed: Shepherd's Patent No 14617/18	24.7.19	1919	58		BP	37	1
22527	GER-Engines with Piston Valves-Suggested Alteration to Piston Valve Sleeves	6" to 1' elevation of sleeve to be made in two portions Endorsed: Mr Vincent's suggestion Tracing also enclosed	13.11.19	1919	58		P	37	2
22537	GER-Diagram of First Class Main Line Carriage-Mr Everson's Suggestion	3/8" to 1' interior diagram of 54' carriage with two toilets and bench seats on either side of open saloon for 44 1 st class passengers	8.12.19	1919	58		PT	37	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22538	GER-Diagram of Third Class Main Line Carriage-Mr Everson's Suggestion	3/8" to 1' interior diagram of 54' carriage with two toilets and bench seats on either side of open saloon for 56 3rd class passengers	8.12.19	1919	58		PT	37	1
22545	GER-Goods Brakes 20 Tons-Stove	6" to 1' elevation, sections and plan of cast iron stove My comment: strengthening ribs added 22.3.26, original drawing dated 19.12.19	23.3.26	1926	58		P	45	1
22555	GER-Standard Formation Trains for Enfield, Palace Gates & Chingford Services	Table for 8 coach trains with central parting My comment: initiated by F.V. Russell and traced by Miss Weller	20.4.20	1920	58		PT	45	1
22579	GER-Diagram shewing Arrangement of Eyesight Testing Room	½" to 1' floor layout of windowless room 22' 0" by 12' 0" and position of equipment	1.1	1910	58	-	PT	42	1
22579-1	GER-Diagram showing Arrangement of Eyesight Testing Room	½" to 1' plan of room with eyesight distance and elevation of end wall showing test card	1.2	1920	58		PT	46	1
22583	GER-Oil Axlebox "Y" for Wagons-Steel Castings	Full size elevations, plans and sections for axlebox SDO Dg No 6222	9.19	1919	58		P	45	2
22597	GER-Mould Box etc. for Welding Steam Hammer Casting	1" to 1' elevation, section and plan of box My Comment: a repair to a fracture Copy of Thermit Dg dated 27.7.18	27.7.18	1918	59	-	BP	26	1
22598	Eureka Type A Locomotive Lubricator-Wakefield's Patent	Full size elevations and plans of lubricator Copy of C.C. Wakefield Dg No CL 202 dated 2.7.18	11.7.18	1918	59		BP	37	2
22599	Eureka Type A Locomotive Lubricator-Wakefield's Patent	Full size elevations and plans of lubricator Copy of C.C. Wakefield Dg No CL 201 dated 19.4.17	11.7.18	1918	59		BP	37	3
	NBR-Arrangement of Slip Coupling for 0-6-2 Radial Tank Engines-Cyls 18" & 26", Wheels 4' 6" & 3' 9"-	1 ½" to 1' outline elevation of 0-6-2T with gear fitted on front							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22601	Slip Coupling for Pilot Engine Details of gear for working slip coupling	NBR Dg No 4020 dated 6.7.19 Full size elevations and plan of coupling NBR Dg No 4013 dated 8.7.19 Full size details of coupling NBR Dg No 4017 dated 8.7.19 Includes correspondence My comment: relates to banking engines used on Cowlairs incline	8.7.19	1919	59	-	BP	41	2
22602	Pullman Cars-Outline of General Arrangement	½" to 1' outline side elevation of 63' 10" car Copy of Clayton & Shuttleworth Ltd Dg No 181 dated 28.10.19	28.10.19	1919	59	-	BP	41	2
22603	Pullman Cars-Outline of Cross Section	3" to 1' outline cross section of body and wheels Copy of Clayton & Shuttleworth Ltd Dg No 182 dated 28.10.19, lot 3242	28.10.19	1919	59	-	BP	41	2
22604	Buffing & Draw Springs for Private Owners Wagons	Full size sections and plans of 7 types of components Copy of Dg No 337 RCH prepared by MR dated 10.19	- .10.19	1919	59	-	Litho	26	2
22609	LNER-Six Wheels Coupled Tank Engines Class J69-Cast Steel Wheels	3" to 1' elevations of two wheels and full size section My note: original drawing dated 4.2.20	- .10.32	1932	59	-	BP	26	1
22615	GER-Arrangement of 8" - 8½" Air Compressor & No 4 Driver's Brake Valve on S69 Class Engine	1" to 1' elevation and plan of apparatus shown on outline of engine Copy of Westinghouse Brake Co Dg No 55186	6.19	1919	59	-	BP	41	2
22616	Arrangement of 8-8½"/10 5/16" Air Compressor (Class F Improved) Complete pc No 311 Steam Driven	3" to 1' elevations and plan of air compressor Copy of Westinghouse Co Dg No 54064 dated 14.6.19	14.6.19	1919	59	-	BP	29	2
		Full size elevations of governor							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22617	Outside View of No.7 Air Pump Governor	Coy of Westinghouse Brake Co Dg No 43288 dated 17.6.19	2.1.20	1920	59	-	BP	20	2
22618	GER-Westinghouse Brake-General Arrangement (Outside View) No 4 Driver's Brake Valve	Full size elevations and plan of valve Copy of Westinghouse Brake Co Dg No 24238	12.6.19	1919	59	-	BP	41	2
22622	7/8" Steam Cock-Westinghouse Brake Co	Full size elevations of cock Copy of Westinghouse Brake Co Dg No 54420 undated	2.1.20	1920	59	-	BP	29	2
22624	Midland Rly-35 Ton Machinery Trolley ("Rectank")	1 ½" to 1' general arrangement of 34' 0" bogie wagon No 12001 built for the War department Copy of MR Dg No 5028	2.6.19	1919	59	-	Litho	31	2
22625	LSWR-Cast Steel 10" x 5½" Axlebox for Electric Motor Bogie	Full size elevations, plans and sections of axlebox Copy of LSWR Dg No 2336	15.11.17	1917	59	-	BP	32	2
22626	LSWR-51 ft Third Class Brake	¾" to 1' elevations and interior plan of 7 compartment carriage Copy of LSWR Dg No 1129	15.11.17	1917	59	-	BP	13	2
22627	LSWR-Brakework for Electric Trailer Car and Trailing End of Motor Cars	1½" to 1' elevations, sections and plan of brakework Copy of LSWR Dg No 2310 dated 15.11.17	15.11.17	1917	59		BP	38	1
22628	LSWR Motor Trains Driver & Guard Car (Motor Brake)	1½" to 1' arrangement of body Copy of LSWR Dg No 2479 dated 15.11.17	15.11.17	1917	59		BP	37	1
22629	LSWR-Underframe of Motor Brake	¾" to 1' elevations and sections of 50' frame Copy of LSWR Dg No 2288 dated 15.11.17	4.2.20	1920	33	-	BP	20	1
22630	LSWR-Underframe for 51' 0" Bogie Third Frame-Block Train with Channel Steel Solebars & Bolsters	¾" to 1' elevation and plan of underframe Copy of LSWR Dg No 1941 dated 15.10.17	4.2.20	1920	59	-	BP	20	1
22631	LSWR Motor Bogie for Electric Rolling Stock	1½" to 1' elevations, sections and plan of 8'9" bogie	4.2.20	1920	59		BP	19	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22631	LSWR-Motor Bogie for Electric Rolling Stock	Copy of LSWR Dg No 2234 dated 15.11.17	4.2.20	1920	59	-	BP	19	2
22632	LSWR-Brakework for Electric Motor Bogie	1½" to 1' elevation, section and plan of brakework Copy of LSWR Dg No 2324 Amended dated 15.11.17	15.11.17	1017	59		BP	38	2
22633	LSWR-Three Coach Electric Unit	¼" to 1' elevation and plan of 3 carriage set Copy of LSWR Dg No 2589	15.11.17	1917	59	-	BP	32	1
22634	GER-Oil Axle Box B1-Proposal to make Axlebox of Patent Metal (Semi-steel)	Full size elevations, sections and plans of axlebox Copy of Taite & Charlton Dg No 1158	5.2.20	1920	59		BP	51	1
22636	GER-Brake Third Class Carriage-Sketch Showing Regulator Handle	Full size elevation of handle mounted on partition wall Copy of Midleand RC&W Co Dg No 8384	5.2.20	1920	59	-	BP	19	2
22637	Copper End Brazed to Superheater Flue Tube WD 2-8-0 Locos	Fuss size sections of existing and proposed ends Copy of MOT Dept of Mechanical Engineering Dg No 228 dated 28.10.20	29.11.20	1920	59		Litho	38	2
22651	GER-Stratford	1/2500 tracing of High Meads loop area, south of Temple Mills Lane showing area of brickworks, drying ground and made up land later to be occupied by High Meads carriage shops with outline of war time buildings Copy of Land Agent's Dg No 44166 dated 2.2.20	8.3.20	1920	59	-	BP	20	1
22652	MR-Load and Structure Gauges on Various British Railways	¾" to 1' details of gauges for 11 different railways Copy of MR Dg No 17-9922 dated 3.10.18	3.10.18	1918	59	-	P	26	2
22656	Tahral Patent ¾" Steam Valve	Full size elevations and sections of valve	8.2.20	1920	59		BP	41	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22656	Patent 1/4" Steam Valve	Copy of Tonkin Collins Patent No 6113/12	8.3.20	1920	59	-	BP	41	1
22657	Lowside Goods Wagon	1/4" to 1' diagram of 14' 11" 8 ton lowside wagon with full length doors each side Copy of Midland Rly Dg No 305 29.8.19	8.3.20	1920	59	-	P	20	1
22658	Sleeper Wagon	1/4" to 1' diagram of 8 ton 19' wagon with fixed sides Copy of Midland Rly Dg No 306 29.8.19							
22659	Sleeper Wagon with Side Doors	1/4" to 1' diagram of 19' wagon Copy of Midland Rly Dg No 307 29.8.19							
22660	Bogie Rail Truck	1/4" to 1' diagram of 41'0" 30 ton truck Copy of Midland Rly Dg No 330 27.8.19							
22661	Long Rail Wagon	1/4" to 1' diagram of 31'0" 12 ton wagon Copy of Midland Rly Dg No 334 27.8.19							
22662	Short Rail Wagon	1/4" to 1' diagram of 25'0" 12 ton wagon Copy of Midland Rly Dg No 335 26.8.19							
22663	Bogie Rail Wagon	1/4" to 1' diagram of 50'0" 35 tons wagon Copy of Midland Rly Dg No 340 26.8.19 My note: these diagrams of ballast, sleeper and rail wagons sent to Hill by the Midland Railway for information following request by Chief Engineer Miller							
22670	GER-Bishopsgate Street-Hydraulic Hoist to	1/2" to 1' elevations and plan of parcels hoist	22.3.20	1920	59		PT C	10	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22670	Lift 2 Tons through 49' 7"	Copy of Armstrong, Whitworth Dg No 50501 dated 21.7.05	22.3.20	1920	59	-	PT-C	19	2
22675	L&NWR-Diagram showing Method of Identifying Wheels & Axles which have been	Sketch showing wheelset Copy of LNWR drawing dated 16.2.20	8.3.20	1920	59	-	PT	19	2
22679	British Portland Cement Manufacturing Co-10Ton Covered Lime Wagon	1½" to 1' general arrangement of 15'11" steel sheeted van Copy of Birmingham RC&W Dg No 218 dated 5.2.20	8.3.20	1920	59	-	BP	20	1
22680	Taylor's Rolled Steel "Empire" Disc Wheel	Photo reduced elevation and section of 3' 1 ½" disc wheel and axle and section of wheel Copy of Taylor Bros Dg No 6374	c.3.20	1920	59	-	Photo	41	2
22687	Proposed Matthews Patent Self Contained Buffer with 4½" Stroke for New Wagons	Full size sections and elevation of buffer Copy of Geo Turton & Platt's & Co Ltd Dg No 6626 dated 6.2.19	20.1.20	1920	59	-	PT-C	19	1
22688	Proposed Standard Carriage Disc Wheel Proposed Standard Carriage Disc Wheel	3" to 1' section of 3' 6 7/8" wheel and axle Copy of John Baker Dg No 70 dated 23.2.20 3" to 1' section and half elevation of 3' 6 7/8" wheel and axle Copy of John Baker Dg No 71 dated 23.2.20	23.2.20	1920	59	-	BP	22	1
22689	Taylor's Rolled Steel "Empire" Disc Wheel	Full size half section of 3' 8 7/8" disc wheel Copy of Taylor Bros Dg No 6279	28.2.20	1920	59	-	BP	20	1
22690	William Beardmore & Co-Proposed Wheels & Axle to suit GER Dg No 22587	Full size section of 3' 6 7/8" wheel with a rolled steel disc centre and 1½" to 1' elevation of axle Copy of W. Beardmore & Co Dg No 331 dated 27.2.20	28.2.20	1920	59		BP	37	1
22691	Arrangement of Davies & Metcalfe's No.10	1½" to 1' elevation and plan of injector	8.3.20	1920	59		BP	20	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22691	Exhaust Steam Injector	Copy of Davies & Metcalfe Dg No 3995 dated 22.7.19	8.5.20	1920	59	-	BP	20	1
22692	Midland Rly-12 Ton Coal Wagon-Arrangement & Details of End Door with	1½" and 3" to 1' elevations and details Copy of MR Dg No 5078	3.12.19	1919	59	-	Litho	32	1
22694	20 Tons Hydraulic Truck Hoist	3/8" to 1' elevations of framework of hoist in relation to arches at Wheler Street, Bishopsgate Copy of Tannett, Walker & Co, Leeds Dg No 28/05 dated 21.6.05	21.6.05	1905	59	-	PT-C	26	2
22695	GER Bishopsgate-Additional Accommodation-Sketch shewing Height of 2 Tons Hydraulic Jib Crane	¾" to 1' elevations of cranes A and B Copy of Tannett, Walker & Co Dg No 435/05 dated 22.6.05 and Engrs Dg No A13183	22.3.20	1920	59	-	PT	44	1
22711	GER-Bishopsgate Goods Station Additional Accommodation-Foundation for two 2 Tons Independent Hydraulic Jib Cranes	¾" to 1' sections and plans of foundation form cranes A and B Copy of Tannett, Walker & Co Ltd Dg No 222/05 dated 23.3.05	22.3.20	1920	59	-	PT-C	19	1
22712	Foundations for Two 2 Tons Hydraulic Jib Crane-Contract 992	¾" to 1' sections and plan of foundation Copy of Tannett, Walker & Co, Leeds Dg No 432/05 dated 21.6.05	21.6.05	1905	59	-	PT-C	26	2
22713	2 Tons Hydraulic Jib Crane	¾" to 1' elevations of fixed crane Copy of Tannett, Walker & Co Ltd, Leeds Dg No 29/05	12.1.05	1905	59	-	PT	32	1
22714	20 Tons Truck Hoist shown fixed to Framing	¾" to 1' elevations and plan of framework in relation to arches at Wheler Street, Bishopsgate Copy of Tannett, Walker & Co, Leeds Dg No 547/1905 dated 19.8.05	19.8.05	1905	59	-	PT-C	26	1
22779	GER-Ilford Goods Yard	1" to 66' plan of housing in Ley Street near Bell PH Copy of Land Agents Dg No 44627	13.8.20	1920	59	-	PT	32	1
22786	GER-Axle Box	Full size section and front elevation of B1 wagon oil axlebox showing details of machining by M. Hayes, Gloucester	18.10.20	1920	59	-	PT-C	41	1
22800	LNER-Trailing Bogie Axle Engine No 8533-	3" to 1' elevation of axle	25.4.28	1928	59	-	D	26	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
-3	Sketch shewing Fracture of RH Journal	3" to 1' elevation of axle	25.4.20	1920	59	-	P	20	1
22825	MR-Details of Net Rod Brackets Main Line Carriages	Full size elevations of first class and third class brackets Copy of MR Dg No 1577 dated 2.7.19	3.7.19	1919	60	-	PB-C	29	2
22826	37" Diameter Wheel on Axle-10" x 5" Bearings	3" to 1' elevation and section of disc wheel Copy of Newlay Wheel Co Dg No 2176 dated 9.10.19	3.5.19	1919	60	-	BP	8	1
22827	Arrangement of 40 Ton Bogie Hopper Coal Wagon	1" to 1' general arrangement of 44'9" steel bodies open wagon Copy of Leeds Forge Dg No 22284 dated 9.4.20, order PR5601	3.5.20	1920	60	-	BP	29	1
22829	Arrangement of Bogie for 40 Ton Hopper Coal Wagon	3" to 1' elevation and plan of 5' 6" wheelbase bogie Copy of Leeds Forge Co Dg o 22358 dated 6.3.20	12.4.20	1920	60		BP	38	2
22830	L&NWR-18ft. Refrigerator Van	1" to 1' general arrangement of 18'0" van for meat traffic Copy of LNWR Dg No 897 dated 17.4.20	3.5.20	1920	60	-	BP	30	1
	Refrigerator Van to Carry 6 Tons	¼" to 1' diagram of van fitted with hand and Vacuum brake and screw couplings	17.4.20	1920		-	P		2
22838	Micks Buffer for High Capacity Wagons	Full size elevations, sections and plan of buffer Copy of ABC Coupler Ltd Dg No 1734/1 received from Leeds Forge Co	8.4.20	1920	60	-	BP	34	2
22845	GER-Pullman Cars Underframe	¾" to 1' elevations, plan and sections of 62' 4" wood underframe Copy of Birmingham RC&W Dg No 874 dated 2.5.20	17.5.20	1920	60	-	BP	44	2
22846	GER-Pullman Cars-Framing for Vestibule End	1½" to 1' elevations and plan of ends Copy of Birmingham RC&W Dg No 832	17.5.20	1920	60	-	BP	32	2
22847	GER-Pullman Car 1 st Class-Cross Section of Body	3" to 1' half cross section through body and full size details	7.5.20	1920	60	-	BP	33	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Body	Copy of Birmingham RC&W Dg No 858							
22848	GER-3 rd Class Pullman Car	½" to 1' elevations and interior plan of Car No 40 third Class 63' 10" with a note of the upholstery colours or Cars 40 to 44 Copy of Birmingham RC& W Dg No 877	7.5.20	1920	60		BP	38	2
22850	GER-Pullman Cars-Arrangement of End of Frame	3" to 1' arrangement and detailed assemblies Copy of Birmingham RC& W Dg No 980	7.5.20	1920	60		BP	38	2
22851	Standard 10 Tons Wheel & Axle	3" to 1' elevation of 8 spoke wheel 3'1" diameter and full size section Copy of C. Roberts Dg No 224 17.11.19	17.5.20	1920	60	-	BP	17	2
22852	Proposed Matthew's Patent Self-contained Buffer with 4½" Stroke for New Wagons	Full size sectional elevations of buffer Copy of George Turton, Platts & Co Dg No 6226 dated 6.2.19	12.9.19	1919	60		BP	38	1
22853	Rees & Moreton's Patent Flexible Drawgear	Full size sections of drawgear Copy of Turton, Platts & Co Dg No 3858 dated 14.6.12	14.6.19	1919	60		BP	39	2
22854	Arrangement of Collapsible Gangway	3" to 1' elevations and plan of gangway Copy of W.S. Laycock Dg No A355 23.12.19	13.2.20	1920	60	-	BP	17	2
22855	War Office 12 Ton Covered Goods Wagon-Sketch showing Relative Position of Wagon compared to Composite Loading Gauge	Full size section of upper part of body relative to gauge Copy of Rendle, Palmer & Tritton Dg No 327 dated 6.1.19	2.4.19	1919	60	-	BP	30	2
22856	12 Ton Covered Goods Wagon-General Arrangement	1" to 1' general arrangement of 18'0" wagon for the War Office Copy of Rendle, Tritton & Palmer Dg No 932 No 1 c.1918	12.3.19	1919	60	-	BP	17	2
22857	Standardisation of Wagons-Proposed Buffers with Springs Inside Headstocks	3" to 1' elevations, sections and plans of buffer arrangement Copy of MR Dg No 5085 dated 12.19	- .12.19	1919	60	-	P	29	2
22858	GER-Bolster Bearing Springs for Main Line Stock (1A & 1B per Nest)	Full size section of springs Copy of T.I. Timmis Dg No T.4846 27.2.20	17.5.20	1920	60	-	BP	17	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22859	GER-Covered Goods Wagons 19 Feet-Ventilator	6" to 1' elevation, section and plan of end ventilator Copy of Gloucester RC&W Ltd Dg No 8302 dated 9.9.19	11.9.19	1919	60		BP	51	2
22860	GER-10 Ton Covered Goods Wagon-Name, Load & Number Plate	Full size elevation and plan of 18" x 5 3/8" plate Copy of Gloucester C&W Dg No 8305 9.9.19	17.5.20	1920	60	-	BP	17	1
22861	GER-10 Ton Covered Goods Wagon-Brake Block	Full size elevations of brake block for diagram 78 wagon Copy of Gloucester RC&W Co Dg No 8342 dated 11.9.19	11.9.19	1919	60	-	BP	44	1
22862	GER-Malleable Iron Hinges with Gunmetal Bushes	Full size elevation and plan of left and right hand hinges Copy of Gloucester RC&W Dg No 8299, order 4178 dated 9.9.19 Endorsed: wagons built by Gloucester 1920, Nos 32061-32160	9.9.19	1919	60	-	BP	29	1
22863	GER-10 Ton Covered Goods Wagon-Springs	3" to 1' details of 5 types of spring, including bearing and buffing springs Copy of Gloucester RC&W Dg No 8300 dated 9.9.19	11.9.19	1919	60		BP	38	1
22864	GER-10 Ton Covered Wagons-General Arrangement	1½" to 1' general arrangement of 19'0" wagon, GER diagram 78 Copy of Gloucester RC&W Co Dg No 8295, order 4178 dated 9.9.19 Endorsed: wagons built by Gloucester 1920, Nos 32061-32160	9.9.19	1919	60	-	BP	29	1
22865	GER-10 Ton Covered Goods Wagon-Iron Castings	Full size and 6" to 1' details of castings for diagram 78 covered wagon Copy of Gloucester C&W Co Dg No 8303, order 4178	9.9.19	1919	60	-	BP	34	1
22866	GER-Axlebox A1-10 Ton Covered Goods Wagon	Full size elevations, sections and plans of oil axlebox Copy of Gloucester C&W Dg No 8304 9.9.19	17.5.20	1920	60	-	BP	17	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22867	GER-Covered Goods Wagon-Details of Ironwork	3" to 1' details of ironwork Copy of Gloucester RC&W Co Dg No 8310, order 4178	17.5.20	1920	60	-	BP	8	1
22868	GER 10 Ton Covered Goods Wagon-Drawhook & Coupling	6" to 1' elevations and plans of components Copy of Gloucester C&W Dg No 8308, Order 4178	17.5.20	1920	60	-	BP	7	3
22869	GER-Covered Goods Wagon-Brake Details	3" to 1' details of components Copy of Gloucester RC&W Co Dg No 8309 dated 9.9.19	9.9.19	1919	60		BP	38	1
22878	GNR-10 Tons Open Goods Wagon (9'-0" wide)	¼" to 1' diagram of 17' open wagon Copy of GNR Dg No 16/3002 dated 24.5.20	7.6.20	1920	60	-	PT	7	1
22888	GER-Pullman Cars-Accumulator Box	3" to 1' elevations and plans of wooden boxes and full size details Copy of Birmingham RC&W Dg No 1306	21.5.20	1920	60	-	BP	33	2
22889	GER-Pullman Cars-Tank Fittings	3" to 1' details of 5 fittings Copy of Birmingham RC&W Co Dg No 1177 dated 21.5.20	21.5.20	1920	60	-	BP	29	1
22890	GER-Pullman Cars-Arrangement of Copper Tanks over Lavatory & Kitchen	3" to 1' plans and sections showing position of tanks Copy of Birmingham RC&W Dg No 1176 dated 21.5.20	21.5.20	1920	60	-	BP	44	1
22891	GER-Pullman Car-Axlebox	Full size elevations, section and plan of oil axlebox 8" x 4" journals Copy of Birmingham RC&W Dg No 997 dated 21.5.20	21.5.20	1920	60	-	BP	44	2
22892	GER-Third Class Pullman Car-Arrangement of Copper Tanks over Lavatory	3" to 1' section through body showing position of tanks Copy of Birmingham RC&W Dg No 1317 dated 21.5.20	22.6.20	1920	60	-	BP	30	1
22893	GER-Pullman Cars-Arrangement & Detail of Platform Steps	3" to 1' arrangement of steps and full size details Copy of Birmingham RC&W Dg No 990 21.5.20	22.6.20	1920	60	-	BP	17	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
22894	GER-Pullman Cars-Dynamo Suspension & Details	1½" arrangement of gear and 3" to 1' details of components Copy of Birmingham RC&W Dg No 1165 21.5.20	22.6.20	1920	60	-	BP	17	1
22895	GER-Pullman Cars-Wheel & Axle	3" to 1' elevation of axle and full size elevation and section of 3'7 7/8" diameter wheel Copy of Birmingham RC&W Co Dg No 996 dated 21.5.20	21.5.20	1920	60	-	BP	29	1
22896	GER-1 st Class Pullman Car-Arrangement of Steam Heating	¾" and 1½" to 1' elevation and plan of underframe and details of fittings Copy of Birmingham RC& W Dg No 1318 dated 21.5.20	21.5.20	1920	60		BP	38	1
22897	GER-Pullman Cars Six Wheeled Bogie	1 ½" to 1' elevations, sections and plans of bogie Copy of Birmingham RC&W Co Ltd Dg No 878 dated 7.5.20	22.6.20	1920	60		BP	51	2
22898	21 Element Cast Iron Superheater Header	3" to elevations and sections of header and details of fittings Copy of Superheater Co Dg No 615/1 dated 22.4.20	22.4.20	1920	60	-	BP	29	1
22899	Superheater Pipes	Full size details of superheater pipes, bends and clips Copy of Superheater Corporation Ltd Dg 615/2 dated 27.4.20	22.6.20	1920	60	-	BP	44	1
23137	12 Ton Coal Wagon (with Bottom Doors)	1" to 1' general arrangement of wood bodied 16'6" 8 plank wagon Copy of Stableford & Co Ltd, Coalville Dg No 4083 dated 1.6.20	22.6.20	1920	60	-	BP	8	1
23138	GCR-Untitled	1/22 to 1' side elevation of 4-4-0 engine with statistics Copy of GCR Dg No 11936	2.2.20	1920	60	-	BP	34	1
23139	GCR-4-4-0 Passenger Engines No.11E Class	1 ½" to 1' sectional elevation and plan of engine Copy of GCR Dg No 622 dated 2.2.20	22.6.20	1920	60		PL	51	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Endorsed: Intensifore Lubricator used for engines of this class							
23140	GCR (Sectional Front Elevation of Engines)	1/8" to 1' undimensioned elevation of 4-4-0 engine Copy of GCR Dg No 622A	2.2.20	1920	60	-	PL	30	1
23163	MR-Mileage Diagram of Crank Axles taken out during the years 1904 to 1919 Inclusive	Diagram Copy of MR Dg dated 12.7.20	7.2	1920	61		PT	53	1
23165	GER-Auto Train-Alteration to Brake to Shut off Main Reservoir from Driver's Valve	1" to 1' outline elevation of clerestory carriage showing arrangement of brake apparatus	20.7.20	1920	61		P-C	52	1
23168	MR-Defects on WD Covered Wagons	Three unscaled sketches of defective construction Copy of MR Dg No 5150 dated 5.20	23.7.20	1920	61		PT	54	1
23168	MR-Defects on WD Covered Wagons	Three unscaled sketches of defective construction Copy of MR Dg No 5150 dated 5.20	23.7.20	1920	61		PT	54	1
23174	1" Dummy Coupling Type A	Full size elevations and plan of coupling dimensioned in millimetres Copy of Westinghouse Co Ltd Dh No 25107B dated 31.7.20	13.9.20	1920	61		PT	50	1
23213	CV&HR-Locomotive Slide Valve	Full size plan and sections of valve Copy of CV&HR Dg dated 25.2.11	28.9.20	1920	61		PT-C	52	1
23214	GER-Carriage Bogie Bolster Bearing Springs	Full size sectional elevations of bearing springs Copy of I.A. Timmis Dg No T4878 dated 27.7.20	28.7.20	1920	61		BP	54	1
23214	GER-Carriage Bogie Bolster Bearing Springs	Full size sectional elevations of bearing springs Copy of I.A. Timmis Dg No T4878 dated 27.7.20	28.7.20	1920	61		BP	54	1
23215	Stanton Ironworks Co. Ltd. (15 Ton Ironstone Wagons)-Proposed Arrangement of Bottom Doors	3" to 1' section and elevation of steel door on wood underframe Copy of S. J. Claye Ltd Dg No Pt 4144	28.9.20	1920	61		BP	50	1
		1" to 1' general arrangement of 14' 10" steel bodied hopper wagon							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23216	General Arrangement of 20-20 Ton Wagons	for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 302/20 dated 26.3.20	28.9.20	1920	61		BP	53	1
23217	Body Arrangement for 20 Ton Hopper Wagon	1 ½" to 1' elevation , section and plan of 14' 9" steel hopper wagon for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 303/20 dated 19.4.20	28.9.20	1920	61		BP	50	2
23218	Underframe for 20-20 Ton Hopper Wagons	1 ½" to 1' sections and elevations of steel components for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 304/20 dated 19.4.20	26.7.20	1920	61		BP	52	1
23219	Door Details for 20-20 Ton Hopper Wagon	3" and 6" to 1' details of 11 door components for hopper for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 305/20 dated 19.4.20	29.9.20	1920	61		BP	50	2
23220	Details of Brakework & Smithwork in Underframe for 20-20 Ton Wagons	3" to 1' details of 27 components for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 306/20 dated 7.6.20	20.7.20	1920	61		BP	53	1
23221	Buffer for 20-20 Ton Hopper Wagons	Full size section and elevation of self contained buffer for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 307/20 dated 19.4.20	26.7.20	1920	61		BP	52	2
23222	Drawgear for 20-20 Tons Hopper Wagons	6" to 1' details of 10 components for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 308/20 dated 21.5.20	20.7.20	1920	61		BP	53	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23223	Axlebox for 20-20 Ton Hopper Wagons	6" to 1' elevations, sections and plans of oil axlebox for 10" x 5" journals for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 309/20 dated 19.4.20	26.7.20	1920	61		BP	52	2
23224	Bearing Springs for 20 - 20 Ton Hopper Wagon	6" to 1' elevation, plan and section of 7 plate spring, 3' 6" centres for The Redbourn Hill Iron & Coal Co Ltd Copy of Head, Wrightson & Co Ltd Dg No 8084 dated 23.2.20	28.9.20	1920	61		BP	48	1
23225	Wheels & Axles for 20 Ton Hopper Wagons	3" to 1' elevation of wheelset and fultyre for Messrs The Redbourne Hill I & C Co Ltd/Head, Wrightson Dg No 311/20 dated 20.2.20	26.7.20	1920	61	-	BP	43	1
23226	Door & Brake Arrangement for 20-20 Ton Hopper Wagons	3" to 1' elevations and plans of underframe and hopper bottom for Messrs The Redbourne Hill Iron & Steel Co Copy of Head, Wrightson & Co Ltd Dg No 500/20 dated 4.6.20	28.9.20	1920	61		BP	50	1
23229	GER Stratford-Proposed Extension of Coalmen's Shelter on Coal Stage	1" to 8' plan of extended hut near running shed and 1" to 66' site plan	19.10.20	1920	61		PT	50	1
23235	32 Yd Vertical Cylinder Air Dump Car-All Steel Chain Lock	¾" to 1' elevations of c. 41' 0" steel either side tipping bogie wagon Copy of Western Wheeled Scraper Co, Aurora, Illinois Dg No 11095	12.10.20	1920	61		BP	53	1
23237	GER-Steel Carriage Wheel submitted by Messrs. J. Baker & Co. Ltd.	3" to 1' half elevations of 3' 6 7/8" diameter wheel and axle Copy of Baker & Co Dg No K1544	12.10.20	1920	61		PT	53	1
23242	L&NWR-Refrigerator Car	1" to 1' general arrangement of 18' 0 ½" insulated body for Swift Beef Co Ltd, Liverpool Copy of Swift Beef Co drawing dated 18.3.16	28.7.20	1920	61	-	P	43	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23243	GWR-Diagram of Lifting Tackle GER Engine 06-0 Class	3/8" to 1' outline arrangement of lifting tackle Copy of GWR Dg No 54566 dated 10.3.17	10.2	1920	61		TP	53	2
23244	Air Sanding Connection-GER Locos	Full size elevation and section of connection Copy of Dg No RL79 dated 10.20	10.2	1920	61		BP	53	1
23245	Met Rly-Sketch showing relative Positions of Trip Cock & Stop	3" to 1' sectional view of apparatus Copy of Met Rly Dg No 5826 dated 2.11.08 Endorsed: altered 8.6.16	16.9.19	1919	61		BP	53	1
23246	Met Rly-Westinghouse Brake on E Class Loco-Arrangement of Trip Cock	1" and 3" to 1' details of apparatus Copy of Met Rly g No 7178 dated 16.5.14	16.9.19	1919	61		BP	53	1
23247	Metropolitan Rly-Arrangement of Trip Valve on Steam Locos-Class C	1 1/2" to 1' arrangement shown on engine and 3" to 1' details of bracket and pipe clip Copy of Met Rly Dg No 6260 dated 28.6.10	16.9.19	1919	61	-	BP	43	1
23248	Drawhook for Bogie Carriages	Full size elevation and plan of drawhook Copy of Clayton Wagons Ltd Dg No 361 dated 22.9.20	19.10.20	1920	61		BP	52	1
23249	Method of Hanging Forequarters & Hindquarters in Refrigerator Railway Cars Chains for Carrying Chilled Beef in Railway Refrigerator Cars	1" to 1' sectional elevation of van showing arrangement for hanging meat Copy of Swift Beef Co Dg No 1037A dated 12.7.20 3" to 1' elevation of chain Copy of Swift Beef Co Dg No 1037B dated 15.6.20	28.7.20	1920	61	-	P	43	1
23250	GER-Part Plan of Ipswich Loco Yard showing Proposed Roof over Wagon Repairing Roads	1" to 40' plan of wagon works showing proposed roof and position of stacks on coal ground	20.10.10	1920	61		P	48	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
		Copy of SDO Dg No 6466 dated 9.20							
23251	GER-Plan of Wagon Shops at Temple Mills shewing Proposed Roof over River Roads	1" to 66' layout of works showing proposed covered area 728' long over two roads Copy of SDO Dg No 6465	9.2	1920	61		P-C	53	2
23252	GER-Plan of Wagon Shops at Temple Mills showing Proposed Additional Accommodation for Wagon Building &	1" to 66' layout of works showing additional sidings and covered areas Copy of SDO Dg No 6282 dated 12.19	20.10.20	1920	61		P-C	53	1
23253	GER-Brake Third Class Carriage-Details of Side Panels	3" to 1' plans of numerous 18 SWG steel panels Copy of Midland RC&W Dg No 9031 dated 12.10.20	20.10.20	1920	61		BP	53	1
23254	GER-First and Second Class Composite Carriages-Details of Side Panels	3" to 1' plans of numerous steel panels Copy of Midland RC&W Dg No 9033 dated 12.10.20	20.10.20	1920	61		BP	52	1
23255	GER-Third Class Carriage (8 Compartments)-Details of Side Panels	3" to 1' details of 10 sizes of panels with dimensions and hole positions Copy of Midland RC&W Co Dg No 9005 dated 12.10.20	20.10.20	1920	61		BP	48	1
23256	GER-Brake Third Class Carriage-Details of Side Panels	3" to 1' plans of 13 No 18 SWG panels Copy of Midland RC&W Co Dg No 9030 dated 12.10.20	20.10.20	1920	61		BP	50	1
23257	GER-Third Class Carriage (8 Compts.)-Details of End Panels	3" to 1' plans of 3 steel end panels for main line non corridor carriages Copy of Midland RC&W Dg No 9006 dated 19.10.20	20.10.20	1920	61		BP	52	1
23258	GER 2 nd Class & 3 rd Class Carriages (10 Compts.) - Details of Side & End Panels	3" to 1' elevations of 11 panel of 18swg Copy of Midland RC&W Co Dg No 9004 dated 12.10.20	12.10.20	1920	61		BP	39	2
23259	GER-1st & 2nd Class Composite Carriage-Details of End Panels	3" to 1' plans of three 18 SWG steel panels Copy of Midland RC&W Dg No 9034 dated 12.10.20	20.10.20	1920	61		BP	53	1
	GER-Brake Third Class Carriage-Details of	3" to 1' plans of 7 18 SWG panels							

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23260	GER-Brake Third Class Carriage-Details of End Panels	Copy of Midland RC&W Co Ltd Dg No 9032 dated 12.10.20	20.10.20	1920	61		BP	54	1
23260	Clacton on Sea Rly, Thorpe Viaduct-Clearance of Brake Gear and Brakework on	Full size section of bridge timber My comment: too fragile to examine	No date		3	K3	PB	54	4
23260	GER-Brake Third Class Carriage-Details of End Panels	3" to 1' plans of 7 18 SWG panels Copy of Midland RC&W Co Ltd Dg No 9032 dated 12.10.20	20.10.20	1920	61		BP	54	1
23261	Sketch of "Jeffrey" Tyre Fastening showing Weakness of Flange, when Tyre is Worn Down to Minimum Thickness Sketch of "Jeffrey" Tyre Fastening shewn in Relation to Gibson Ring when Tyre is Worn Down to Minimum Thickness	Full size section of tyre showing defect Copy of MR Dg RCH No 341 dated 7.20 Full size section of tyre showing defect Copy of MR Dg RCH No 342 dated 10.20	9.11.20	1920	61		Litho	53	1
23262	Tank Wagon for Conveying Sulphuric Acid-Retaining Chain for Manhole Lid	3" to 1' elevations of cover Copy of RCH Dg 327	9.11.20	1920	61		Litho	54	1
23263	Buffing and Draw Springs-Private Owners Ordinary and Tank Wagons	6" to 1' elevations and plans of 7 types of spring Copy of MR Dg No 340 RCH dated 6.20	9.11.20	1920	61		Litho	52	1
23264	GNR-37' 11 3/4" Steel Underframe for Twin Bogie Carriages GNR-Diagram Showing comparison of Weights of Twin Carriages against Single Carriages GNR-Cast Steel Twin Coupler	Photo reduction of 3" to 1' elevation and plan of underframe Diagram and table Copy of GNR Dg No 3008 dated 23.6.19	9.11.20	1920	61		P	48	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Three page typed statement of the benefits of articulated carriages and photograph of twin	Photo reduction of 6" to 1' elevations and sections of castings Copy of GNR Dg No 2104 dated 7.8.14							
23265	SE&CR-Proposed Lashing Staple for Gunpowder Vans	Full size plan and section of ring mounted inside van Copy of SE&CR Dg No S.2687 dated 18.10.20	9.11.20	1920	61		BP	52	2
23266	20 Ton Hopper Wagon	1" to 1' general arrangement of 17' 0" steel framed hopper wagon with wood body Copy of Stableford & Co Ltd, Coalville Dg No 4170 dated 11.9.20	9.11.20	1920	61		BP	52	1
23267	GER-Axle Journal of Messrs. Foster & Cos. Wagon No.3036 broken at Forest Gate on Nov 16th 1920	Full size elevations of axle with coloured details of fractures	20.12.20	1920	61		P-C	53	1
23291	GER-"Economique" Spark Arrester fitted to D56 Class Engine	3" to 1' arrangement of arrester and full size details Copy of The Liverpool Patents Co Ltd drawing	16.11.20	1920	62	-	BP	27	1
23306	Wagons for Overseas-Side Chains	6" to 1' elevations of chains Copy of NER Dg No 10050 24.1.17	24.1.17	1917	62	-	BP	18	2
23307	LNWR-Eye Bolt for Covered Goods Wagon made from Best Yorkshire Iron	Full size details of bolt Copy of LNWR Dg dated 1.2.17 (2 copies)	1.2.17	917	62	-	TI-C	27	4
23330	Element Supports & Loco Clip	Sketches of components Copy of Marine & Locomotive Superheater Co Dg No 20L1150 and D586 11.20	10.1.21	1921	62	-	BP	18	2
23336	MOT Pool Locos 2-8-0 Freight Class-Sketch shewing Normal & Minimum Clearances	6" to 1' plan view of assembly Copy of MOT Dg No 243 dated 8.12.20	8.12.20	1920	62	-	P	27	1
23337	Proposed Water Gauge, Lamp & Bracket-Ministry of Transport Pool Locos, 2-8-0 Freight Class	Full size elevations of lamp and bracket Copy of MOT Dg DWG No 267 20.12.20	20.12.20	1920	62	-	P	18	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23338	Engine & Tender Springs-MOT Transport Pool Locos 2-8-0 Freight Class	1½" and 3" to 1' elevations and sections of 6 types of spring Copy of MOT Dg No 261 dated 16.12.20	16.12.20	1920	62	-	P	27	1
23339	MOT Pool Loco 2-8-0 Freight Class	¼" to 1' elevation of 2-8-0 engine and tender Copy of MOT Dg No 203 dated 30.9.20	30.9.20	1920	62	-	P-C	27	1
23340	Proposed Alteration to Position of Pressure Gauges, Ministry of Transport Pool Locos 2-	1½" to 1' elevations of gauge in cab Copy of MOT Dg No SK 268	20.1.21	1921	62	-	P	7	1
23341	Sketch Showing Normal & Minimum Distance between Engine & Tender Drag Beams-Ministry of Transport Pool Locomotives	1½" to 1' sketch showing distances	8.12.20	1920	62	-	P	7	1
23355	GWR-Arrangement of 65' 0" Turntable-Outside Type	½" to 1' elevations, sections and plan of turntable Copy of GWR Dg No 59241 22.12.20	7.2.21	1921	62	-	BP	18	2
23366	SE&CR Rolling Stock Working Channel Ferry	1/10 end profile of rolling stock with dimensions Copy of SECR Dg No 7040 18.1.21	7.2.21	1921	62	-	P	18	2
23369	GER-Six Wheels Coupled Coal Engines Class G58-End Profile Diagram	½" to 1' diagram Endorsed: this is a copy of print sent to Furness Rly on 6.3.21 My comment: this drawing also has Drawing Office No 23424	- .3.21	1921	6	-	P	27	2
23370	SE&CR-Pullman Cars- 6 Wheeled Bogie	1½" to 1' elevation, section and plan of 12 wheelbase bogie Copy of Birmingham RC&W Co drawing dated 24.1.20	7.2.21	1921	62	-	BP	18	2
23371	10" x 11" Equalizing Reservoir-Driver's Brake Valve General Arrangement, Outside View-1" Isolating Cock B.V.	6" to 1' section of reservoir Copy of Westinghouse Brake Co Dg No 54224A 18.9.17 Full size elevation of cock Copy of Westinghouse Brake Co Dg No 54221A 18.9.17	7.2.21	1921	62	-	BP	18	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23372	Strength of Carriage Drawgear RCH C&W Supt Min 1719	Tabulated dimensions of drawhook and bar and of screw coupling for various British railways	10.12.20	1920	62	-	P	27	1
23376	List of Bolts-20 Ton Goods Brake Van-LSWR Type	Schedule listing bolts Copy of Metropolitan RC&W Dg No 21822 and Rendel, Palmer & Tritton Dg No 876-3	- .3.18	1918	62	-	BP	7	2
23378	Body Ironwork-20 Ton Gods Break Van-LSWR Type	3" to 1' details of body ironwork Copy of Metropolitan RC&W Dg No 21824 and Rendel, Palmer & Tritton Dg No 876-5	- .3.18	1918	62	-	BP	7	1
23379	Door Fasteners-20 Ton Goods Brake Van-LSWR Type	Full size details of 11 components Copy of Metropolitan RC&W Dg No 21825 and Rendel, Palmer & Tritton Dg No 876-5	- .3.18	1918	62	-	BP	7	1
23380	Hinges & Latches-20 Ton Goods Brake Van-LSWR Type	Full size details of 10 components Copy of Metropolitan RC&W Dg No 21826 and Rendel, Palmer & Tritton Dg No 876-7	- .3.18	1918	62	-	BP	7	1
23381	Stove & Details	3" to 1' elevation, section and plan of cast iron stove and full size details Copy of Metropolitan RCW&F Co Dg No 31.12.17 for a War Office contract for 20 ton goods brake L&SWR type Rendle, Tritton & Palmer Dg No 876/8 3.18	9.2.21	1921	62	-	BP	20	2
23383	Underframe Ironwork-20 Ton Goods Break Van-LSWR Type	3" to 1' details of ironwork Copy of Metropolitan RC&W Dg No 21829 and Rendel, Palmer & Tritton Dg No 876-10	- .3.18	1918	62	-	BP	7	1
23384	Underframe Ironwork-20 Ton Goods Break Van-LSWR Type	3" to 1' and full size details of ironwork Copy of Metropolitan RC&W Dg No 21830 and Rendel, Palmer & Tritton Dg No 876-11	- .3.18	1918	62	-	BP	7	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23385	War Office-Lamp Irons	Full size elevations and plans of two types of lamp iron Copy of Rendel, Palmer & Tritton Dg No 876/No 12 dated 3.18 for contract for 20 ton goods brake van LSWR type	- .3.18	1918	62	-	BP	27	2
23387	Drawbar-20 Ton Goods Break Van-LSWR Type	Full size elevations and plan of drawbar Copy of Metropolitan RC&W Dg No 21833 and Rendel, Palmer & Tritton Dg No 876-14	- .3.18	1918	62	-	BP	7	1
23388	Safety Chains-20 Ton Goods Brake Van-LSWR Type	Full size elevations and plans of chains Copy of Metropolitan RC&W Dg No 21834 and Rendel, Palmer & Tritton Dg No 876-15	- .3.18	1918	62	-	BP	7	2
23393	Wheel & Axle-War Office	3" to 1' elevation and section of 3'1" wheel and full size section Copy of Copy of Rendel, Palmer & Tritton Dg No 876/No 20 dated 3.18 for contract for 20 ton goods brake van LSWR type	- .3.18	1918	62	-	BP	27	2
23394	War Office-Lettering	1½" to 1' side elevation of 20 ton goods brake van LSWR type showing lettering for War Department use with sample No WD71801 Copy of Rendel, Palmer & Tritton Dg No 876/No 21dated 3.18 for contract for 20 ton goods brake van LSWR type	- .3.18	1918	62	-	BP	27	1
23395	GWR-10 & 12 ton Open Goods Wagon	1½" to 1' general arrangement of 16' 5 plank open wagon with sheet bar Copy of GWR Dg No 57992 dated 7.7.19	14.1.21	1921	62	-	BP	27	1
23421	GER-Brake 3 rd Class Carriage-"Crittall" Door Runners	3" and 6" to 1' details of runners Copy of Crittall Manufacturing Co Ltd Dg No 8/5463/1 dated 8.1.19	21.3.21	1921	63	-	BP	23	1
23427	Draw End & Coupling for Suburban Carriages	Full size elevations and plan of couplings	5.4.21	1921	63	-	P	23	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Carrriages	My note: print made 9.1952							
23461	GWR-Proposed Minimum Thickness of Wagon Wheel Tyres	Full size sections of tyres with Gibson & Carlton fixings Copy of GWR Dg No 60880 dated 3.21	23.3.21	1921	63	-	BP	23	3
23465	Untitled	Unscaled sketch of corner framing of covered goods wagon	20.6.21	1921	63	-	PT	18	1
23471	GER-Pullman Cars-Arrangement of Westinghouse Brake Piping	¾" to 1' part drawing of piping with attached sketch Copy of Birmingham RC&W drawing undated	6.6.21	1921	63	-	BP	23	2
23477	GER Pullman Cars-Arrangement of End of Frame	3" to 1' elevations, sections and plan of frame ends	No date		63	-	PT	18	3
23479	Private Owners Wagons-Proposed Position of Wheel Pressure Record Number Tablet Formed on Wheel Boss	Full size elevation and section of boss showing number tablet Copy of RCH Dg No 64 drawn by MR dated 6.5.14	6.6.21	1921	63	-	P	23	2
23480	Spruce & Green's Improved Push Rod for Railway Wagons	Unscaled elevations of brake rodding and a written explanation	6.6.21	1921	63	-	BP	18	2
23481	Axlebox Arrangement	Full size elevations, sections and plan of axlebox for Pullman cars for contract for 5 first class and 5 third class buffet cars Copy of Clayton Wagons Ltd Dg No 297 dated 8.10.19	6.6.21	1921	63	-	BP	23	3
23482	Proposed Matthews' Patent Buffer for the Alteration of Dead Buffer Wagons	6" to 1' elevations and sections of buffer Copy of G. Turton Dg No 3300 17.1.08	17.1.08	1908	63	-	BP	17	1
23483	Self-contained Buffer with Split Ring Fastening	Full size section and elevations of buffer with two attached publicity leaflets Copy of Steel Railway Journal Box Co Ltd Dg No 1090 dated 13.1.09	6.6.21	1921	63	-	BP	23	2
23484	Self Contained Buffer-Stanton Patent Type Sole Makers Chas Roberts & Co Ltd	Full size sections of two sorts of self contained buffer and 6" to 1' plan of base	6.6.21	1921	63	-	BP	23	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Sole Makers Chas Roberts & Co Ltd	Copy of Chas Roberts & Co Dg No M242 dated 30.4.09							
23485	Self Contained Buffer-Stanton Patent Type Sole Makers Chas Roberts & Co Ltd	Full size sections of two sorts of self contained buffer and 6" to 1' plan of base Copy of Chas Roberts & Co Dg No M244 dated 19.5.09	6.6.21	1921	63	-	BP	23	2
23486	Arrangement of self Contained Buffers with Ram of 3" Stroke (Middleton's & Wilkinsons Patent)	6" to 1' elevations and sections of buffer Copy of The British Wagon Co drawing dated 1919	6.6.21	1921	63	-	BP	23	2
23487	Edmunds & Radleys Drawbar Springs	Unscaled sections of spring and test graph	6.6.21	1921	63	-	BP	18	1
23488	20 Ton Acid Tank Wagon with Wood Underframe	1" to 1' elevations and half plan of 18' wagon Copy of C.Roberts Dg No F/58 9.7.09	6.6.21	1921	63	-	BP	18	2
23491	Heald & Wentworth's Improved Drawbar Spring and Safety Drawbar Stop	6" to 1' sections of components Copy of H&W drawing dated 8.5.09	8.5.09	1909	63	-	BP	23	2
23492	15 Tons Coal Wagon for The Denaby Main Colliery Co.	1" to 1' general arrangement of 25'6" 8 plank wagon Copy of Harrison & Camm Dg No 856 dated 3.7.09	13.7.09	1909	63	-	BP	23	1
23493	Floor Door Details for Denaby Main Colliery Co.	3" to 1' sectional elevation of door plate Copy of Harrison & Camm Dg No 780A dated 3.7.09	3.7.09	1909	63	-	BP	23	1
23494	15 Tons Coal Wagon	1" to 1' general arrangement of 18'0" 9 plank open wagon Copy of Midland RC&W Co Dg No 4326 dated 29.6.09	29.6.09	1909	63	-	BP	23	1
23495	GER-10 Tons Covered Goods Wagons-General Arrangement	1½" to 1' general arrangement of 19' wood framed covered goods wagon Copy of Gloucester C&W Dg No 8298 28.8.19	6.6.21	1921	63	-	PL	17	2
23496	GER-Covered Goods Wagon-Brake Details	3" to 1' details of components Copy of Gloucester C&W Dg No 8309	28.8.19	1919	63	-	PL	17	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23497	GER-Covered Goods Wagon-Details of Ironwork	3" to 1' details of numerous components Copy of Gloucester RC&W Co Dg No 8310 undated	6.6.21	1921	63	-	PL	23	2
23498	Midland Railway-Arrangement of Brakework for 15 & 20 Ton Goods Brake Vans	1½" to 1' elevations and plan of 6 wheel steel underframe showing brakework Copy of MR Dg No 2047	6.6.21	1921	63	-	BP	18	2
23500	20 Tons Covered Goods Wagons with Caboose	1" to 1' general arrangement of 25' covered goods for War Office Copy of Copy of Rendle, Tritton & Palmer Dg No 1153 No 3 12.18	6.6.21	1921	63	-	BP	17	3
23501	Covered Goods Wagon	1" to 1' general arrangement of 28' 5½" over buffers steel framed covered goods wagon for War Department Copy of Rendle, Tritton & Palmer Dg No 1083 No 2 30.10.16	6.6.21	921	63	-	BP	18	2
23502	General Arrangement of Covered Goods Wagon	1" to 1' general arrangement of 25'0" covered goods wagon with steel frames Copy of Rendle, Palmer & Tritton Dg No 1200 dated 5.3.19for contract with Bristol W&C Works dated 3.20	6.6.21	1921	63	-	BP	23	2
23503	War Office-12 ton Covered Goods Wagon	1" to 1' general arrangement of 20'0" covered goods wagon with caboose and 6" to 1' section of doorway. Wagon Nos 31102 to 31300 and 31351 to 31500 Copy of Rendle, Palmer & Tritton Dg No 195 No 3 Contract with Birmingham RC&W Co	6.6.21	1921	63	-	BP	23	2
23504	20 tons Covered Goods Wagons	1" to 1' general arrangement of 25' covered goods for War Office Copy of Copy of Rendle, Tritton & Palmer Dg No 1116 No 8.11.18	6.6.21	1921	63	-	BP	17	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23505	War Office-Proposed Modification to 20 Ton Covered Goods Wagons	1" to 1' part elevations of wood framed wagon Copy of Rendle, Tritton & Palmer Dg No 1247 dated 10.19	6.6.21	1921	63	-	BP	23	1
23506	War Office-20 Ton Covered Goods Wagon-Sketch showing Relative Position of Wagon to Composite Load Gauge	1½" to 1' profile Copy of Rendle, Tritton & Palmer Dg No 336 undated	6.6.21	1921	63	-	BP	23	2
23539	GER-3 rd Class Pullman Car-Arrangement of Steam Heating	¾" to 1' arrangement of steam heating on underframe and ¾" to 1' details of components Copy of Birmingham RC&W Dg No 1319 dated 17.7.19	9.8.21	1921	63	-	BP	23	2
23540	Collision Buffers for Carriages	3" to 1' sectional side elevation showing 4 positions of gear Copy of Metropolitan CW&F Dg No 23193 dated 22.7.21	9.8.21	1921	63	-	BP	23	1
23541	Collision Buffers, Fenders, Armoured Ends & Body Reinforcements for Vestibuled Carriages	3" to 1' half end elevation of carriage showing fittings Copy of Metropolitan RC&W Dg No 23194, Fig 5 22.7.21	25.7.21	1921	63	-	BP	18	2
23542	Collision Buffers, Fenders, Armoured Ends & Body Reinforcements for Vestibuled Carriages	3" to 1' elevation of gangwayed carriage end showing fittings Copy of Metropolitan RC&W Dg No 23195, Fig 6 22.7.21	25.7.21	1921	63	-	BP	18	2
23543	Collision Buffers, Fenders, Armoured Ends and Body Reinforcements for Non Vestibuled Carriages	3" to 1' sectional elevations of apparatus Copy of Metropolitan CW&F Dg No 23196 dated 22.7.21	9.8.21	1921	63	-	BP	23	1
23544	Collision Buffers, Fenders, Armoured Ends & Body Reinforcements for Non Vestibuled Carriages	3" to 1' half end elevation of carriage body showing reinforcements Copy of Metropolitan RC&W Dg No 23197 22.7.21	9.8.21	1921	63	-	BP	17	2
23553	Charwelton Water Troughs-Section of Timbers	Full size section of steel trough with supporting timbers Copy of GCR Dg No 6459 20.6.21	22.8.21	1921	63	-	BP	18	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23554	Arrangement of Ladder for Tank Wagons	1" to 1' elevations of ladder and full size details Copy of C. Roberts Dg No 3641 23.12.20	29.12.20	1920	63	-	BP	17	2
23555	General Arrangement of Oil Tank Wagon National Fuel Oil Co	1" to 1' general arrangement of 17'6" steel framed tank wagon, capacity 2452 gallons Copy of Cammell, Laird & Co Ltd, Nottingham Dg No 1939 dated 16.10.20	22.8.21	1921	63	-	BP	23	2
23578	Diagram showing Relative Heights of Water Gauge Glass and Crown of Firebox on GER Engines	Unscaled diagram Endorsed: superseded by Dg No 24279 21.11.23	15.10.21	1921	63	-	TI-C	18	3
23618	Holden's Patent Liquid Fuel Injector "D" Pattern	Full size elevation and plan of injector Copy of Taite & Carlton Dg No 639 2,8,18	2.1.18	1918	63	-	BP	18	2
23618	Holden's Patent D Pattern Liquid Fuel Injector	Full size sections and elevations of injector to Taite & Carlton Patent No 21837 of 1910 Copy of T&C Dg No 474 dated 2.3.11	12.12.21	1921	63	-	BP	23	2
23619	Holden's Patent Liquid Fuel Injector "A" Pattern	Full size sections and elevations of injector Copy of Taite & Carlton Dg No 728 10.1.21	12.12.21	1921	63	-	BP	17	2
23620	Proposed Arrangement of "Superior" Tube Cleaner as Fitted to GER Goods Engine Class Y14	6" to 1' sections and perspective sketches of equipment Copy of Martin Olston drawing 5.3.21	12.12.21	1921	63	-	P	18	2
23634	GER-Footboard on 718 Class Engines	3" to 1' part elevation of footboard as modified	- .12.21	1921	63	-	PT	23	2
23636	Pullman Cars A.W.4	½" to 1' outline elevation of two types of 12 wheel carriage with lights numbered relating to Nos 45, 46 & 47 3rds and Nos 1 & 2 2 nd class	13.2.22	1922	63	-	BP	23	2
23637	Squat Pattern-No.14 "Spencer-Hopwood" Patent Boiler	1½" to 1' elevation, sections and plan of boiler for GER 35 ton steam breakdown crane W.H. Spencer patent	13.2.22	1922	63	-	BP	18	2

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
	Patent Boiler	Copy of Ransomes & Rapier Co Dg No 35321 11.3.19							
23663	GER-4-6-0 Express Engines 1500 Class-Proposed Hoops on Circular Webs of Crank Axle	3" to 1' elevations of hoops	- .2.22	1922	63	-	TI-C	7	2
23666 -1	GER-Sketch of Wooden Hut at End of Engine Repair Shed	¼" to 1' elevations and plan of hut for use at Royal Show, Cambridge Endorsed: see also Dg No 23666	16.2.22	1922	63	-	P-C	18	1
23668	Eccentric Straps-Sketch of Bolt Head Recess with 3/8" radius	Full size details Endorsed: approved AJH 12.12.21, applied to express engines My comment: too fragile to examine	12.21	1921	63	-	TI-C	23	4
23689	The Brett Drop Forged Disc Wheel Centre	Full size section of centre made by Brett Drop Forging Method Copy of Dowell, Brett Ltd Dg No 318 My note: drawing sent in with tenders for the supply of wheels for carriages to orders P87 and W87 but not accepted	6.3.22	1922	63	-	BP	23	1
23690	Taylor's Rolled Steel Empire Disc Wheel	Full size half section of 3'6 7/8" diameter disc wheel Copy of Taylor & Co Dg No 6316 dated 3.22	6.3.22	1922	63	-	BP	23	2
23691	GER-42 7/8" Diameter Wheel	Full size section of disc wheel and 3" to 1' elevation of complete wheel Copy of Newlay Wheel Co Ltd Dg No 2683 dated 22.2.22 My note: tender accepted	6.3.22	1922	63	-	BP	23	3
	Limit of Wear and Method of Re-tyring 42 7/8" Diameter Wheel	Three full size figures showing process of retyring Copy of Newlay Wheel Co Ltd Dg No 2684 undated	28.2.22	1922		-	P-C		2
23692	Wheel with Rolled Steel Disc Centre	6" to 1' elevation and plan of part of disc wheel 3'6 7/8" diameter	21.2.22	1922	63	-	BP	7	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
23692	Wheel with Roped Steel Disc Centre	Copy of J. Baker, Rotherham Dg No K1901	21.2.22	1922	65	-	BP	7	1
23724	Chief Mechanical Engineer's Offices-GER Stratford- 14 cwt. Auto Electric Passenger Train Lift	¼" and ½" to 1' elevations and plan of lift Copy of Waygood, Otis Dg No 64979 dated 22.11.20	24.4.22	1922	63	-	P-C	23	2
24476	GER- [untitled drawing of hydraulic system]	6" to 1' elevation of Copy of Hydraulic Machinery Co Dg No 6594 6.2.20	6.6.21	1921	63	-	BP	18	2
25454	LNER-Side Bearing Spring for 8' 6" & 8' 0" Bogies - Suburban Quintuple Carriages	3" to 1' elevation and section of 4' 6" 9 plate spring	11.3.25	1925			P	55	3
25462	LNER Load Plate for Standard Passenger Train Brake Vans	Full size elevations of 3 plates; 10cwt for vehicles with luggage locker; 3 tons for vans with passenger compartments and 8 tons for full vans with ¼" diagram showing position of plate on vehicle Copy of Darlington Dg No 12388.D	16.3.15	1915	76	-	P	3	2
27433	LNER-Proposed Trolley for Bogie Coach Bodies-Carriage Lifting Shop	1½" to 1' elevations and plan of rail mounted trolley Print dated 10.12.55 Copy of SDO Dg No 8243 dated 2.29	2.29	1929			P	55	1
27794	LNER-14 Ton Glass Lined Milk Tank- Arrangement of Underframe	1½" to 1' arrangement of 18' underframe with 10' 6" wheelbase showing tank	11.9.28	1928			P	55	1
29621	LNER-Trolley for Carriage Bogie Frames- Carriage Lifting Shop	1½" to 1' elevations and plan of rail mounted trolley Copy of SDO Dg No 8939 dated 10.30	10.3	1930			P	55	1
37412	Front End Profile of Engine Type J20/1	1½" to 1' front elevation with basic dimensions	10.5.50	1950			P	55	1

Bench Hole Copies Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Bench Hole	Cost Code	Drawing Type	Box	Condition
41262	LNER-Bogie Suburban Carriages to Diagram No 542E and General Arrangement Dg No 17595E-End Profile	1½" to 1' outline end profile with dimensions	4.9.43	1943			BP	55	1
41266	LNER-Six Wheeled Carriages to Diagrams Nos 508E & 538E-End Profile	1½" to 1' outline end profile with dimensions	4.9.43	1943			BP	55	1
41267	LNER-Bogie Carriages to Diagram No 211E-End Profile	1½" to 1' outline end profile with dimensions	4.9.43	1943			BP	55	1
41268	LNER-Bogie Carriages to Diagram No 228E-End Profile	1½" to 1' outline end profile with dimensions	4.9.43	1943			BP	55	1
41895	First Class Saloon	1/8" to 1' elevation and plan of 52' 6" 1 st saloon No 4397 and attached interior showing conversion into District Engineers	7.2.55	1955	-		P	55	1

Supplementary Drawing Office Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-	Ordnance Survey Sheet Essex 86.1 & London Sheet 6.1	1/2500 scale sheets covering the whole of the Stratford Works area, GER ownership	Edition 1916	1915	-	-	P	460	2
-	Ordnance Survey Sheet Middlesex 12.1,12.2, 12.5 & 12.6	1/2500 scale sheet including Bounds Green, Alexandra Palace and Hornsey, with part of	Edition 1914	1913	-	-	P	460	2
-	General Arrangement of Single Express Engine	1½" to 1' sectional side elevation and half plan of 2-2-2 engine Also Dg No 7890	- .4.89	1889	D27	-	PB-C	296	-
-	Adams Patent Vortex Blast Pipe for Engines M15 Class	3" to 1' sections of blast pipe with full size details of orifice Also Dg No 7214	29.6.86	1886	M15	F4	CI-C	297	-
-	C14 Class Class Fitted with Morton's Patent Valve Gearing-Motion Arrangement	3" to 1' side and end elevations and half plan of motion My comment: some small loss of detail Also Dg No 8367	30.10.91	1891	C14	-	TI-C	297	-
-	(untitled)	Unscaled side and front elevation of Claud Hamilton in original condition and as rebuilt and named Frederick the Great My comment: a works joke, Frederick the Great referred to Fred Russell designer of Claud Hamilton, photograph SX1417 in the Stratford Collection shows this engine as rebuilt and so named temporarily at the time of Russell's retirement	-	1932	-	D16/3	TC-I	297	-
-	Diagram of Lengths in the Metropolitan and Suburban Parishes	Copy of Land Agents plan LA37276 received 2.5.10, torn into two parts, showing parish boundaries and track mileages * an unmounted lithograph My comment: there are errors which have been corrected in ink	2.5.10	1910	-	-	*	297	-
-	London & North Eastern Railway-Southern Area	8 miles to 1" Waterlow map of system My comment: no reference numbers * an unmounted lithograph	-	-	-	-	*	297	-

Supplementary Drawing Office Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
878	Tube Tester Coppersmiths Shop-Alteration to Pump	1" to 1' outline arrangement of machine and 6" to 1' elevation and section of tester Also Dg No 9329	7.12.94	1894	-	-	CI-C	296	-
987	Boyer Pneumatic Drill	Full size undimensioned sections and plan of drill My comment: a masterpiece of draughtsmanship	-	1895	-	-	CI-C	296	-
1006	Water Crane for New Shed for Works Engine 'A'	1½" to 1' side elevation of crane, full size details of components and small scale locational plan	- .3.96	1896	-	-	CI-C	296	-
1033	Delivery Valve for Pumps-Hydraulic Installation	6" to 1' section and plan of valve and full size details of components Endorsed: Shop Copy to Dg No 9667 has alterations not shown on here (A.Y.) My comment: AY was Arthur Younger, latterly in charge of the Drawing Office Store Also Dg No 9667	- .3.96	1896	-	-	CI-C	296	-
1035	Spring Release Valve for Hydraulic Installation	Full size elevations, section and plan of valve	30.3.96	1896	-	-	CI-C	296	-
1066	General Arrangement and Details of 2½ Tons Jib Cranes for Iron Foundry	1" to 1' general arrangement of crane with 17' jib and full sizedetails of components Also Dg No 9762	2.6.96	1896	-	-	CI-C	296	-
1079	Special Expander for 1½In Boiler Tubes	Full size sectional elevations of expander	14.7.96	1896	-	-	CI-C	297	-
1131	4In Hydraulic Stop Valve for Hydraulic Installation	6" to 1' elevation, section and plan of valve and full size details of components	- .12.96	1896	-	-	CI-C	296	-
1136	1½In Relief Valve for Hydraulic Installation	6" to 1' sections and plan of valve and full size details Also Dg No 9973	21.12.96	1896	-	-	CI-C	296	-
1141	Valve for Connecting Small Accumulators	Full size elevations and sections of valve and components and	12.96	1896	-	-	CI-C	296	-

Supplementary Drawing Office Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
1141	with the Hydraulic Pressure Main	Instructions Also Dg No 9980	12.96	1896	-	-	CI-C	296	-
1165	Hydraulic Lift for Hair Shop	¾" to 1' elevation of superstructure, section and plan of lift machinery below floor level and 3" to 1' details of components Also Dg No 9977	2.97	1897	-	-	CI-C	296	-
1196	Hydraulic Flanging Press	3" to 1' elevation and section and details of components Endorsed: not T. Mills (i.e. Temple Mill Wagon Works) Also Dg No 10121	4.97	1897	-	-	CI-C	297	-
3641	Ordnance Survey Sheet	6" to 1' scale of Stratford Works and station area, ink additions to show sewers	1869	1867	-	-	P	460	2
4407	Ordnance Survey Sheets London Sheet 8.1, 8.2, 8.5 & 8.6	1/1056 scale composite plan of Stratford Area with pencil additions to c.1910 including gas works extension, removal of the wagon shops and additional sidings at Channelsea and a lead into what became Fork Junction carriage sidings	1892-6	1894-98	-	-	P	460	2
4510	Heacham	1 chain to 1" Land Agents survey of Heacham and immediate environs	11.97	1897	-	-	P	297	-
4511	Whitemoor Locomotive Yard	1 chain to 1" Land Agents survey from March North box to locomotive Depot * a mounted lithograph uncoloured	10.1.11	1911	-	-	*	297	-
4513	Trowse	1 chain to 1" Land Agents survey from Lower Junction to Swing Bridge Endorsed: revised 10.10	7.00	1900	-	-	P	297	-
4514	Norwich Victoria	1 chain to 1" Land Agent's survey of station, yards and approaches	1.08	1908	-	-	P	297	-
6494	Tern Deoilng Plant- London & South Western Railway Locomotive Department, Eastleigh	Unscaled sectional view of plant with a smaller scale plan showing the equipment and a reference panel * a mounted lithograph uncoloured	20.2.18	1918	-	-	*	297	-

Supplementary Drawing Office Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7058	Great Northern and Great Eastern Railways Joint Lines-Diagram of Distances	A diagrammatic map of line from Sleaford to north of Doncaster * a mounted lithograph with colour	-	1910	-	-	*	297	-

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600	Generic number for carriage diagrams, each diagram having a sub number and divided into 8 separate classes	1/8" to 1' diagram size 7 7/8" x 6 3/16" showing outline side elevation and interior plan, principal dimensions, seating capacity, weight empty and running numbers							
-	Index Sheet for Passenger Stock to Diagrams 14600E and to Non Passengers Stock Diagrams to 16648E	Index to diagram numbers by class and carriage type	17.4.36	1936	-	-	PT	-	-
-	Index Sheet for Passenger Stock to Diagrams 14600E and to Non Passengers Stock Diagrams to 16648E	Index to diagram numbers by class and carriage type	30.11.36	1936	-	-	PT	-	-
	SALOON CARRIAGES								
14600 -1	Family saloon	Length 28'0", 6 wheels, 1 built 1875	-	1907	-	1C	PT	-	X
14600 -1E	Engineers Saloon	Length 27'0", 4 wheels Endorsed: built 1890; 2 converted from diagram 512	- .9.25	1925	-	1EC 6001	PT	-	X
14600 -2	Family Saloon	Length 33'0", 6 wheels, 3 built 1875-76	-	1907	-	2C	PT	-	X
14600 -2	Family Saloon	Length 33'0", 6 wheels, 3 built 1875-76 Endorsed: retraced	-	1907	-	2C	PT	-	X
14600 -3	Restaurant Car-Hook of Holland Train	Length 50'0", 8 wheels, 1 built 1904	-	1907	-	3C	PT	-	X
14600 -3E	Restaurant Car	Length 50'0", 8 wheels, 1 built 1904 Endorsed: revised 22.2.27 and retraced	- .2.27	1927	-	3C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -4	Family Saloon	Length 34'6", 6 wheels, 6 built 1892	-	1907	-	4C	PT	-	X
14600 -4	Family Saloon	Length 34'6", 6 wheels, 6 built 1892 Endorsed: retraced	-	1907	-	4C	PT	-	X
14600 -5	Royal Saloon	Length 48'3", 8 wheels, 1 built 1898	-	1907	-	5C	PT	-	X
14600 -5E	Engineers Saloon	Length 48'3", 8 wheels, 1 built 1898 Endorsed: converted 1925 from diagram 5 and retraced	- .11.25	1925	-	5C 6002	PT	-	X
14600 -5E	Engineers Saloon	Length 48'3", 8 wheels, 1 built 1898 Endorsed: altered 23.2.27, retraced 8.44	- .7.44	1944	-	5C 6002	PT	-	X
14600 -6	Family Saloon	Length 33'0", 6 wheels, 1 converted from diagram 2	-	1907	-	6C	PT	-	X
14600 -6	Family Saloon	Length 33'0", 6 wheels, 1 converted from diagram 2 Endorsed: retraced 30.3.21	30.3.21	1921	-	6C	PT	-	X
14600 -7	Third Class Saloon	Length 48'3", 8 wheels, 1 converted from diagram 20	20.5.09	1909	-	7C	PT	-	X
14600 -7E	Third Class Saloon	Length 48'3", 8 wheels, 1 converted from diagram 20 Endorsed: built 1901converted 1904 to 48'3" long; converted 5.09 to third class	-	1933	-	7C 6016	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -8	First Class Saloon	Length 53'0", 12 wheels, 1 built 1883	-	1907	-	8C	PT	-	X
14600 -9	Supper Saloon	Length 48'3", 8 wheels, 1 built 1898	-	1907	-	9C	PT	-	X
14600 -9	Restaurant Car	Length 48'3", 8 wheels, 1 built 1898 Endorsed: altered and retraced	-	1914	-	9C	PT	-	X
14600 -10	Third Class Saloon	Length 34'6", 6 wheels, 2 built 1887	-	1907	-	10C	PT	-	X
14600 -10E	Third Class Saloon	Length 34'6", 6 wheels, 2 built 1887 Endorsed: retraced	-	1907	-	10C 6003	PT	-	X
14600 -11	Engineers Saloon-Service Vehicle	Length 32'0", 6 wheels, 2 built 1887	-	1907	-	11C	PT	-	X
14600 -11	Engineers Saloon-Service Vehicle	Length 32'0", 6 wheels, 1 built 1889 Endorsed: retraced	-	1907	-	11C	PT	-	X
14600 -11E	Engineers Saloon-Service Vehicle	Length 32'0", 6 wheels, 1 built 1889 Endorsed: retraced 26.7.22	26.7.22	1922	-	11C 6004	PT	-	X
14600 -12	Invalid Saloon	Length 32'0", 6 wheels, 2 built 1891 and 1896	-	1907	-	12C	PT	-	X
14600 -12E	Invalid Saloon	Length 32'0", 6 wheels, 2 built 1891 and 1896 Endorsed: retraced	-	1907	-	12C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -12A	Invalid Saloon	Length 50'0", 8 wheels, 1 converted 27.4.35 from diagram 537 4.35	-4.35	1935	-	12AC 6006	PT	-	X
14600 -12B	Invalid Saloon	Length 50'0", 8 wheels, 1 converted 8.6..35 from diagram 537 6.35	- .6.35	1935	-	12BC 6024	PT	-	X
14600 -13	Restaurant Car	Length 50'0", 8 wheels, 1 built 1891 as dining saloon	-	1907	-	13C	PT	-	X
14600 -13	Restaurant Car	Length 50'0", 8 wheels, 1 built 1891 as dining saloon Endorsed: altered and retraced	-	1912	-	13C	PT	-	X
14600 -13E	Restaurant Car	Length 50'0", 8 wheels, 1 built 1891 as dining saloon Endorsed: retraced	-	1920	-	13C	PT	-	X
14600 -14	Third Class Saloon	Length 34'6", 6 wheels, 1 built 1892, formerly 2 nd class	-	1907	-	14C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -14E	Third Class Saloon	Length 34'6", 6 wheels, 1 built 1892, formerly 2 nd class Endorsed: retraced	-	1907	-	14C 6005	PT	-	X
14600 -15	Family Saloon	Length 34'6", 6 wheels, 4 built 1893	-	1907	-	15C	PT	-	X
14600 -15E	Family Saloon	Length 34'6", 6 wheels, 4 built 1893 Endorsed: retraced	-	1907	-	15C	PT	-	X
14600 -16	Third Class Saloon	Length 34'6", 6 wheels, 12 built 1896-97	-	1907	-	16C	PT	-	X
14600 -16E	Third Class Saloon	Length 34'6", 6 wheels, 12 built 1896-97 Endorsed: retraced	-	1907	-	16C 6007	PT	-	X
14600 -17	Royal Saloon	Length 41'0", 8 wheels, 1 built 1897	-	1907	-	17C	PT	-	X
14600 -17E	First Class Saloon	Length 41'0", 8 wheels, 1 built 1897 Endorsed: converted from royal saloon and retraced	-	1925	-	17C	PT	-	X
14600 -18	Restaurant Car	Length 55'0", 12 wheels, 4 built 1899	-	1907	-	18C	PT	-	X
14600 -18E	Restaurant Car	Length 55'0", 12 wheels, 4 built 1899 Endorsed: retraced	-	1907	-	18C 6008	PT	-	X
14600 -19	Third Class Saloon	Length 34'6", 6 wheels, 6 built 1901	-	1907	-	19C	PT	-	X
14600 -19E	Third Class Saloon	Length 34'6", 6 wheels, 6 built 1904 Endorsed: retraced	-	1907	-	19C 6009	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -20	Officers Saloon	Length 48'3", 8 wheels, 1 built 1904 Endorsed: altered to diagram 7	-	1907	-	20C	PT	-	X
14600 -20	First Class Saloon-Service Vehicle	Length 50'0", 8 wheels, 1 built 1909	-	1909	-	20C	PT	-	X
14600 -20E	First Class Saloon-Service Vehicle	Length 50'0", 8 wheels, 1 built 1909 Endorsed: retraced	-	1909	-	20C 6010	PT	-	X
14600 -21	Royal Saloon	Length 50'0", 8 wheels, 1 built 1901	-	1907	-	21C	PT	-	X
14600 -21E	First Class Saloon	Length 50'0", 8 wheels, 1 built 1901 Endorsed: converted to 1 st saloon and retraced	-	1925	-	21C 6011	PT	-	X
14600 -22	Third Class Saloon	Length 48'3", 8 wheels, 1 built 1904	-	1907	-	22C	PT	-	X
14600 -22E	Third Class Saloon	Length 48'3", 8 wheels, 1 built 1904 Endorsed: retraced	-	1933	-	22C 6012	PT	-	x
14600 -23	First Class saloon	Length 48'3", 8 wheels, 1 built 1904 Endorsed: converted to diagram 35	-	1907	-	23C	PT	-	X
14600 -24	Superintendents Saloon-Service Vehicle	Length 32'0", 6 wheels, 1 built 1906	-	1907	-	24C	PT	-	X
14600 -24	Superintendents Saloon-Service Vehicle	Length 32'0", 6 wheels, 1 built 1906 Endorsed: retraced	-	1907	-	24C	PT	-	X
14600 -24E	Third Class Saloon	Length 32'0", 6 wheels, 1 built 1906 Endorsed: converted to 3 rd saloon 4.28; retraced 1.29	- .4.28	1928	-	24C 6013	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -25	Restaurant Car-York and Harwich Train	Length 50'0", 8 wheels, 2 built 1906	-	1907	-	25C	PT	-	X
14600 -25	Restaurant Car-York and Harwich Train	Length 50'0", 8 wheels, 2 built 1906 Endorsed: retraced	-	1907	-	25C	PT	-	X
14600 -25E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1906 Endorsed: revised and retraced	-	1933	-	25C 6014	PT	-	X
14600 -26	Restaurant Car	Length 50'0", 8 wheels, 2 built 1907 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	26C	PT	-	X
14600 -26	Restaurant Car	Length 50'0", 8 wheels, 2 built 1907	-	1907	-	26C	PT	-	X
14600 -26	Restaurant Car	Length 50'0", 8 wheels, 2 built 1907 Endorsed: retraced	-	1907	-	26C	PT	-	X
14600 -26E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1907 Endorsed: revised and retraced c.1.29	-	1933	-	26C 6015	PT	-	X
14600 -27	Restaurant Car	Length 50'0", 8 wheels, 1 built 1896	-	1907	-	27C	PT	-	X
14600 -27	Restaurant Car	Length 50'0", 8 wheels, 2 built 1896 Endorsed: altered and retraced	-	1907	-	27C	PT	-	X
14600 -27E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1896 Endorsed: retraced	-	1907	-	27C	PT	-	X
14600 -28	Restaurant Car	Length 50'0". 8 wheels, 6 built 1910-11	-	1910	-	28C	PT	-	X
14600 -28E	Restaurant Car	Length 50'0". 8 wheels, 6 built 1910-11 Endorsed: converted to diagram 30 30.3.21 and retraced	30.3.21	1921	-	28C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -29	First Class Saloon-Service Vehicle	Length 50'0", 8 wheels, 1 built 1912	-	1912	-	29C	PT	-	X
14600 -29	First Class Saloon-Service Vehicle	Length 50'0", 8 wheels, 1 built 1912 Endorsed: retraced	-	1912	-	29C	PT	-	X
14600 -30	Restaurant Car	Length 50'0", 8 wheels, 1 built 1913	-	1913	-	30C	PT	-	X
14600 -30	Restaurant Car	Length 50'0", 8 wheels, 1 built 1913 Endorsed: retraced	-	1913	-	30C	PT	-	X
14600 -30E	Restaurant Car	Length 50'0", 8 wheels, 1 built 1913 Endorsed: retraced	-	1913	-	30C	PT	-	X
14600 -30E	Restaurant Car	Length 50'0", 8 wheels, 1 built 1913 Endorsed: altered and retraced	- .1.34	1934	-	30C 6017	PT	-	X
14600 -31	Restaurant Car	Length 54'0", 8 wheels, 2 built 1914	-	1914	-	31C	PT	-	X
14600 -31E	Restaurant Car	Length 54'0", 8 wheels, 2 built 1914 Endorsed: retraced	-	1914	-	31C	PT	-	X
14600 -31E	Restaurant Car	Length 54'0", 8 wheels, 2 built 1914 Endorsed: retraced 1.34	- .1.34	1934	-	31C 6018	PT	-	X
14600 -32E	Restaurant Car	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT No 75	- .1.20	1920	-	32C	PT	-	X
14600 -32E	Restaurant Car	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT No 75; retraced 11.33	-1.34	1934	-	32C 6019	PT	-	X
14600 -32E	Restaurant Car	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT No 75; retraced (duplicate)	-	1934	-	32C 6019	PT	-	X
14600 -33E	Restaurant Car	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT No 75	- .1.20	1920	-	33C	PT	-	X
14600		Length 54'0", 8 wheels, 1 built 1918				33C			

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-33E	Restaurant Car	Endorsed: converted from AT No 75; retraced 11.33	- .11.33	1933	-	6020	PT	-	X
14600 -34E	First Class Saloon-Service Vehicle	Length 55'0", 8 wheels, 1 built 1920	-	1920	-	34C	PT	-	X
14600 -34E	First Class Saloon-Service Vehicle	Length 55'0", 8 wheels, 1 built 1920 Endorsed: retraced 10.34	- .10.34	1934	-	34C 6021	PT	-	X
14600 -35E	First Class Saloon-Service Saloon	Length 48'3", 8 wheels, 1 built 1904 Endorsed: converted from diagram 23 c.1916	-	1916	-	35C	PT	-	X
14600 -35E	Third Class Saloon	Length 48'3", 8 wheels, 1 built 1904 Endorsed: converted from diagram 23; converted to 3 rd class and retraced	- .9.28	1928	-	35C 6022	PT	-	X
14600 -36E	Restaurant Car	Length 54'0", 8 wheels, 2 built 1918 Endorsed: converted from AT No 61	-	1923	-	36C	PT	-	X
14600 -36E	Restaurant Car	Length 54'0", 8 wheels, 2 built 1918 Endorsed: converted from AT No 61; retraced	- .1.34	1934	-	36C 6023	PT	-	X
14600 -37E	Restaurant Car	Length 61'6", 8 wheels, 3 built 1925-26	-	1925	-	37C LNE Dia 10/10A	PT	-	X
14600 -38E	(Untitled)	Length 50'0", 8 wheels, unfinished; superseded by diagrams 25E and 26E	-	1925	-	38E	PT	-	X
14600 -38E	First Restaurant	Length 61'6", 8 wheels, 6 built 1929	-	1929	-	38C LNE Dia 10B/10C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	FIRST CLASS CARRIAGES								
14600 -104E	First Class Carriage-Suburban	Length 54'0", 8 wheels, 18 built 1911-22 Endorsed: retraced	-	1933	-	104C 6025	PT	-	X
14600 -105E	First Class Carriage	Length 34'6", 6 wheels, 50 built 1891-97 Endorsed: retraced	-	1933	-	105C	PT	-	X
14600 -106	First Class Carriage	Length 27'0", 4 wheels, 24 built 1893-96	-	1907	-	106C	PT	-	X
14600 -106E	First Class Carriage	Length 27'0", 4 wheels, 24 built 1893-96 Endorsed: retraced	-	1907	-	106C	PT	-	X
14600 -107	First Class Carriage-Restaurant Cars	Length 34'6", 6 wheels, 1 built 1896	-	1907	-	107C	PT	-	X
14600 -107E	First Class Carriage	Length 34'6", 6 wheels, 1 built 1896 Endorsed: retraced	-	1907	-	107C	PT	-	X
14600 -108	First Class Carriage	Length 32'0", 6 wheels, 51 built 1896-97	-	1907	-	108C	PT	-	X
14600 -108E	First Class Carriage	Length 32'0", 6 wheels, 51 built 1896-97 Endorsed: retraced	-	1907	-	108C 6026	PT	-	X
14600 -109	First Class Carriage	Length 34'6", 6 wheels, 12 built 1896	-	1907	-	109C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -109E	First Class Carriage	Length 34'6", 6 wheels, 12 built 1896 Endorsed: retraced	-	1907	-	109C	PT	-	X
14600 -110	First Class Carriage	Length 32'0", 6 wheels, 21 built 1890	-	1907	-	110C	PT	-	X
14600 -110E	First Class Carriage	Length 32'0", 6 wheels, 21 built 1890 Endorsed: retraced	-	1907	-	110C	PT	-	X
14600 -111	First Class Carriage-Restaurant Cars	Length 34'6", 6 wheels, 2 built 1892	-	1907	-	111C	PT	-	X
14600 -112	First Class Carriage-Restaurant Cars	Length 48'3", 8 wheels, 4 built 1899	-	1907	-	112C	PT	-	X
14600 -113	First Class Carriage	Length 27'0", 4 wheels, 88 built 1899-03	-	1907	-	113C	PT	-	X
14600 -114	First Class Carriage-London and Enfield Service	Length 54'0", 12 wheels, 1 built 1900	-	1907	-	114C	PT	-	X
14600 -115	First Class Carriage	Length 27'0", 4 wheels, 15 built 1897	-	1907	-	115C	PT	-	X
14600 -116	First Class Carriage	Length 34'6", 6 wheels, 20 built 1903	-	1907	-	116C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -117	First Class Carriage-Restaurant Cars Hook of Holland Train	Length 50'0", 8 wheels, 1 built 1904	-	1907	-	117C	PT	-	X
14600 -117E	First Class Carriage-Restaurant Car	Length 50'0", 8 wheels, 1 built 1904 Endorsed: retraced	-	1907	-	117C 6030	PT	-	X
14600 -118	First Class Carriage Hook of Holland Train	Length 48'3", 8 wheels, 3 built 1904	-	1907	-	118C	PT	-	X
14600 -119	First Class Carriage-Restaurant Car-York and Harwich Train	Length 50'0", 8 wheels, 2 built 1906	-	1907	-	119C	PT	-	X
14600 -119E	First Class Carriage-Restaurant Car	Length 50'0", 8 wheels, 2 built 1906 Endorsed: retraced	-	-	-	119C	PT	-	X
14600 -120	First Class Restaurant Car-London and Cromer Train	Length 50'0", 8 wheels, 2 built 1907 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	120C	PT	-	X
14600 -120	First Class Carriage-Restaurant Car-London and Cromer Train	Length 50'0", 8 wheels, 2 built 1907	-	1907	-	120C	PT	-	X
14600 -120E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1907 Endorsed: retraced	-	1907	-	120C 6033	PT	-	X
14600	First Class Carriage-London and Cromer	Length 50'0", 8 wheels, 8 built 1907 & 14	-	1907	-	121C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-121	Train	My note: an interim diagram replaced in 1908 by next entry	-	1907	-	121C	PT	-	X
14600 -121	First Class Carriage-London and Cromer Train	Length 50'0", 8 wheels, 8 built 1907 & 14	-	1907	-	121C	PT	-	X
14600 -121E	First Class Carriage	Length 50'0", 8 wheels, 8 built 1907 & 14 Endorsed: retraced	-	1907	-	121C	PT	-	X
14600 -121E	First Class Carriage	Length 50'0", 8 wheels, 8 built 1907 & 14 Endorsed: retraced 3.34	- .3.34	1934	-	121C 6034	PT	-	X
14600 -122	First Class Carriage	Length 50'0", 8 wheels, 6 built 1910 & 13	-	1910	-	122C	PT	-	X
14600 -122E	First Class Carriage	Length 50'0", 8 wheels, 6 built 1910 & 13 Endorsed: retraced	-	1910	-	122C	PT	-	X
14600 -122E	First Class Carriage	Length 50'0", 8 wheels, 6 built 1910 & 13 Endorsed: retraced 3.34	- .3.34	1910	-	122C 6035	PT	-	X
14600 -123E	Restaurant Car	Length 54'0", 8 wheels, 1 converted from AT No 3 and diagram 9 1.21	- .1.21	1921	-	123C 6036	PT	-	X
14600 -124E	First Class Carriage	Length 54'0", 8 wheels, 8 built 1921	-	1921	-	124C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -124E	First Class Carriage	Length 54'0", 8 wheels, 8 built 1921 Endorsed: retraced 3.35	- .3.35	1935	-	124C 6037	PT	-	X
14600 -125E	First Class Carriage	Length 54'0", 8 wheels, 5 built 1916 Endorsed: converted from AT 28 1922	- .6.22	1922	-	125E	PT	-	X
14600 -125E	First Class Carriage	Length 54'0", 8 wheels, 5 built 1916 Endorsed: converted from AT 28; retraced 9.34	- .6.22	1922	-	125E 6038	PT	-	X
14600 -126E	First Class Carriage	Length 54'0", 8 wheels, 5 built 1916 Endorsed: converted from AT 61	- .3.24	1924	-	126C	PT	-	X
14600 -127E	Restaurant Car	Length 61'6", 8 wheels, 2 built 1925	-	1925	-	127C LNE Dia 3	PT	-	X
14600 -128E	First Class Carriage	Length 61'6", 8 wheels, 5 built 1925/27	-	1925	-	128C LNE Dia 1	PT	-	X
14600 -129E	First Class Carriage	Length 51'1 1/2", 8 wheels, 6 built 1927	-	1927	-	129C LNE Dia 48	PT	-	X
14600 -130E	First Class Carriage	Length 52'6", 8 wheels, 3 built 1929-30	-	1929	-	130C LNE Dia 140	PT	-	X
	COMPOSITE CARRIAGES								
14600 -200	Composite Carriage	Length 31'6", 6 wheels, 77 built 1880-85	-	1907	-	200C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -200	Composite Carriage	Length 31'6", 6 wheels, 77 built 1880-85 Endorsed: retraced	-	1907	-	200C	PT	-	X
14600 -200E	Brake Composite	Length 61'6", 8 wheels, 1 built 1929	-	1929	-	200C LNE Dia 32	PT	-	X
14600 -201	Composite Carriage	Length 34'0", 6 wheels, 1 built 1882	-	1907	-	201C	PT	-	X
14600 -202	Composite Carriage	Length 34'0", 6 wheels, 11 built 1883-84	-	1907	-	202C	PT	-	X
14600 -202E	Composite Carriage	Length 34'0", 6 wheels, 11 built 1883-84 Endorsed: retraced	-	1907	-	202C	PT	-	X
14600 -202E	Composite Carriage	Length 51'1", 8 wheels, 8 built 1928	-	1928	-	202C LNE Dia 51	PT	-	X
14600 -203	Composite Carriage	Length 34'6", 6 wheels, 10 built 1886	-	1907	-	203C	PT	-	X
14600 -203E	Composite Carriage	Length 34'6", 6 wheels, 10 built 1886 Endorsed: retraced	-	1907	-	203C	PT	-	X
14600 -203E	Composite Carriage	Length 52'6", 8 wheels, 23 built 1927-29	-	1927	-	203C LNE Dia 9	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -204	Composite Slip Carriage	Length 32'0", 6 wheels, 10 built 1890	-	1907	-	204C	PT	-	X
14600 -204E	Composite Carriage	Length 32'0", 6 wheels, 10 built 1890 Endorsed: retraced	-	1907	-	204C	PT	-	X
14600 -205	Composite Carriage	Length 32'0", 6 wheels, 24 built 1890	-	1907	-	205C	PT	-	X
14600 -205E	Composite Carriage	Length 32'0", 6 wheels, 24 built 1890 Endorsed: retraced	-	1907	-	205C	PT	-	X
14600 -206	Composite Carriage	Length 34'6", 6 wheels, 10 built 1892	-	1907	-	206C	PT	-	X
14600 -206E	Composite Carriage	Length 34'6", 6 wheels, 10 built 1892 Endorsed: retraced, to diagram 424	-	1907	-	206C	PT	-	X
14600 -207	Royal Composite Carriage	Length 34'6", 6 wheels, 1 built 1894	-	1907	-	207C	PT	-	X
14600 -207E	Royal Composite Carriage	Length 34'6", 6 wheels, 1 built 1894 Endorsed: retraced	-	1907	-	207C	PT	-	X
14600 -207E	Composite Carriage-Quadruple Sets	Length 43'5", articulated, 14 built 1929	-	1929	-	207E LNE Dia 103	PT	-	X
14600 -208	Composite Carriage	Length 34'10", 6 wheels, 27 built 1897	-	1907	-	208C	PT	-	X
14600 -208E	Composite Carriage	Length 34'10", 6 wheels, 27 built 1897 Endorsed: retraced	-	1907	-	208C 6043	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -209	Composite Carriage	Length 48'3", 8 wheels, 12 built 1897	-	1907	-	209C	PT	-	X
14600 -209E	Composite Carriage	Length 48'3", 8 wheels, 12 built 1897 Endorsed: retraced	-	1907	-	209C 6044	PT	-	X
14600 -210	Composite Carriage-Royal Train	Length 41'0", 8 wheels, 2 built 1898	-	1907	-	210C	PT	-	X
14600 -210E	Composite Carriage	Length 41'0", 8 wheels, 2 built 1898 Endorsed: retraced 30.10.36	-	1933	-	210C 6045	PT	-	X
14600 -211	Composite Carriage	Length 48'3", 8 wheels, 10 built 1899	-	1907	-	211C	PT	-	X
14600 -211E	Composite Carriage	Length 48'3", 8 wheels, 9 built 1899 Endorsed: retraced	-	1907	-	211C 6046	PT	-	X
14600 -212	Composite Carriage	Length 48'3", 8 wheels, 90 built 1900-04	-	1907	-	212C	PT	-	X
14600 -212E	Composite Carriage	Length 48'3", 8 wheels, 90 built 1900-04 Endorsed: retraced	-	1907	-	212C 6047	PT	-	X
14600 -213	Composite Carriage	Length 54'0", 12 wheels, 1 built 1900	-	1907	-	213C	PT	-	X
14600 -213E	Composite Carriage-London and Enfield service	Length 54'0", 12 wheels, 1 built 1900 Endorsed: retraced, altered to 3 rd class	-	1907	-	213C 6048	PT	-	X
14600	Composite Carriage	Length 48'3", 8 wheels, 1 built 1901	-	1907	-	214C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-214									
14600 -214E	Composite Carriage	Length 48'3", 8 wheels, 1 built 1901 Endorsed: retraced; converted to diagram 451E	-	1907	-	214C	PT	-	X
14600 -215	Composite Carriage-Millwall Extension Rly	Length 24'0", 4 wheels, 6 built by Thetford & Watton Rly; to Millwall Extension Rly	-	1907	-	215C	PT	-	X
14600 -216	Composite Carriage	Length 26'0", 4 wheels, 10 built 1875	-	1907	-	216C	PT	-	X
14600 -217	Composite Carriage	Length 27'0", 4 wheels, 5 built 1880	-	1907	-	217C	PT	-	X
14600 -218	Composite Carriage-Hearse Carriage	Length 21'6", 4 wheels, 1 built 1879	-	1907	-	218C	PT	-	X
14600 -218	Composite Carriage-Hearse Carriage	Length 34'6", 6 wheels, 6 converted 1908 & 21	-	1908	-	218C	PT	-	X
14600 -218E	Composite Carriage-Hearse Carriage	Length 34'6", 6 wheels, 6 converted 1908 & 21 Endorsed: retraced	-	1934	-	218C 6049	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -219	Composite Carriage	Length 32'0", 6 wheels, 309 built 1886-95	-	1907	-	219C	PT	-	X
14600 -219E	Composite Carriage	Length 32'0", 6 wheels, 309 built 1886-95 Endorsed: retraced 31.10.36	31.10.36	1936	-	219C 6050	PT	-	X
14600 -220	Composite Carriage	Length 34'0", 6 wheels, 10 built 1879	-	1907	-	220C	PT	-	X
14600 -221	Composite Carriage-York and Harwich Train	Length 48'3", 8 wheels, 2 built 1906	-	1907	-	221C	PT	-	X
14600 -221E	Composite Carriage	Length 48'3", 8 wheels, 2 built 1906 Endorsed: retraced	-	1907	-	221C	PT	-	X
14600 -221E	Composite Carriage	Length 48'3", 8 wheels, 2 built 1906 Endorsed: retraced 4.34	- 4.34	1934	-	221C 6051	PT	-	X
14600 -222	Composite Carriage-York and Harwich Train	Length 50.0", 8 wheels, 8 built 1906	-	1907	-	222C	PT	-	X
14600 -222E	Composite Carriage	Length 50.0", 8 wheels, 8 built 1906 Endorsed: retraced	-	1907	-	222C	PT	-	X
14600 -222E	Composite Carriage	Length 50.0", 8 wheels, 8 built 1906 Endorsed: retraced 4.34	- 4.34	1934	-	222C 6052	PT	-	X
14600 -223	Composite Carriage	Length 50'0", 8 wheels, 5 built 1906	-	1907	-	223C	PT	-	X
14600 -223E	Composite Carriage	Length 50'0", 8 wheels, 5 built 1906 Endorsed: retraced 4.34	-	1907	-	223C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -223E	Composite Carriage	Length 50'0", 8 wheels, 5 built 1906 Endorsed: retraced	- .4.34	1934	-	223C 6053	PT	-	X
14600 -224	Composite Carriage	Length 50'0", 8 wheels, 15 built 1906	-	1907	-	224C	PT	-	X
14600 -224E	Composite Carriage	Length 50'0", 8 wheels, 15 built 1906 Endorsed: retraced	-	1907	-	224C	PT	-	X
14600 -224E	Composite Carriage	Length 50'0", 8 wheels, 15 built 1906 Endorsed: retraced 4.34	- .4.34	1934	-	224C 6054	PT	-	X
14600 -225	Composite Carriage-York and Harwich Train	Length 48'3", 8 wheels, 3 built 1906	-	1907	-	225C	PT	-	X
14600 -225E	Composite Carriage	Length 48'3", 8 wheels, 3 built 1906 Endorsed: retraced	-	1933	-	225C 6055	PT	-	X
14600 -226	Composite Carriage-London and Cromer Train	Length 50'0", 8 wheels, 4 built 1907 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	226C	PT	-	X
14600 -226	Composite Carriage-London and Cromer Train	Length 50'0", 8 wheels, 4 built 1907	-	1907	-	226C	PT	-	X
14600 -227	Composite Carriage	Length 50'0", 8 wheels, 75 built 1907-15 My note: an interim diagram replaced in 1908 by next entry							
14600 -227	Composite Carriage	Length 50'0", 8 wheels, 75 built 1907-15	-	1907	-	227C	PT	-	X
14600	Composite Carriage	Length 50'0", 8 wheels, 75 built 1907-15	-	1907	-	227C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-227		Endorsed: retraced							
14600 -227E	Composite Carriage	Length 50'0", 8 wheels, 75 built 1907-15 Endorsed: altered and retraced	-	1907	-	227C	PT	-	X
14600 -227E	Composite Carriage	Length 50'0", 8 wheels, 75 built 1907-15 Endorsed: retraced 5.34	- .5.34	1934	-	227C 6056	PT	-	X
14600 -227-1E	Composite Carriage	Length 50'0", 8 wheels, 15 converted from diagram 227	-	1940	-	227C 6056	PT	-	X
14600 -228	Composite Carriage-for Royal Guests	Length 50'0", 8 wheels, 2 built 1906 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	228C	PT	-	X
14600 -228	Composite Carriage-for Royal Guests	Length 50'0", 8 wheels, 2 built 1906	-	1907	-	228C	PT	-	X
14600 -228E	Composite Carriage	Length 50'0", 8 wheels, 2 built 1906 Endorsed: retraced	-	1907	-	228C 6057	PT	-	X
14600 -229	Composite Slip Carriage	Length 32'0", 6 wheels, 6 built 1886	-	1907	-	229C	PT	-	X
14600 -229	Composite Carriage (Slip)	Length 32'0", 6 wheels, 6 built 1886 Endorsed: retraced	-	1907	-	229C	PT	-	X
14600 -230	Composite Carriage	Length 48'3", 8 wheels, 1 built 1899 converted from diagram 211	-	1907	-	230C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -230E	Composite Carriage	Length 48'3", 8 wheels, 1 built 1899 converted from diagram 211 Endorsed: retraced	-	1907	-	230C 6058	PT	-	X
14600 -231	Composite Carriage	Length 48'3", 8 wheels, 30 built 1904-06	-	1907	-	231C	PT	-	X
14600 -231E	Composite Carriage	Length 48'3", 8 wheels, 30 built 1904-06 Endorsed: retraced	-	1907	-	231C	PT	-	X
14600 -231E	Composite Carriage	Length 48'3", 8 wheels, 30 built 1904-06 Endorsed: retraced 1.34	1.34	1934	-	231C 6059	PT	-	X
14600 -232	Composite Carriage	Length 32'0", 6 wheels, 12 built 1886-91	-	1907	-	232C	PT	-	X
14600 -232E	Composite Carriage	Length 32'0", 6 wheels, 12 built 1886-91 Endorsed: retraced	-	1907	-	232C	PT	-	X
14600 -232E	Composite Carriage	Length 54'0", 8 wheels, 15 converted 1914- 23 from diagrams 239 and 315	-	1914	-	232C 6196	PT	-	X
14600 -233	Composite Carriage	Length 27'0", 4 wheels, 10 built 1876-77	-	1907	-	233C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -233E	Composite Carriage	Length 51'1 ½", 8 wheels, 10 built 1926	-	1926	-	233C LNE Dia 49	PT	-	X
14600 -234	Composite Carriage	Length 50'0", 8 wheels, 8 built 1910-15	-	1910	-	234C	PT	-	X
14600 -234E	Composite Carriage	Length 50'0", 8 wheels, 8 built 1910-15 Endorsed: retraced	-	1910	-	234C	PT	-	X
14600 -234E	Composite Carriage	Length 50'0", 8 wheels, 8 built 1910-15 Endorsed: retraced 1.34	- .1.34	1934	-	234C 6060	PT	-	X
14600 -235	Composite Carriage	Length 50'0", 8 wheels, 42 built 1910-12	-	1910	-	235C	PT	-	X
14600 -235E	Composite Carriage	Length 50'0", 8 wheels, 42 built 1910-12 Endorsed: retraced	-	1910	-	235C	PT	-	X
14600 -235E	Composite Carriage	Length 50'0", 8 wheels, 42 built 1910-12 Endorsed: retraced 5.34	- .5.34	1934	-	235C 6061	PT	-	X
14600 -235-1E	Composite Carriage	Length 50'0", 8 wheels, 5 converted from diagram 235	-	1907	-	235C 6205	PT	-	X
14600 -236	Composite Carriage-Suburban-London and Epping Service	Length 54'0", 8 wheels, 2 built 1911-12	-	1911	-	236C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -236E	Composite Carriage	Length 54'0", 8 wheels, 2 built 1911-12 Endorsed: retraced	-	1911	-	236C	PT	-	X
14600 -236E	Composite Carriage	Length 54'0", 8 wheels, 2 built 1911-12 Endorsed: retraced 2.34	- .2.34	1934	-	236C 6062	PT	-	X
14600 -237	Composite Carriage-Suburban London and Epping Service, London and Ilford Service	Length 54'0", 8 wheels, 79 built 1911-24	-	1911	-	237C	PT	-	X
14600 -237E	Composite Carriage-Suburban	Length 54'0", 8 wheels, 79 built 1911-24 Endorsed: retraced	-	1911	-	237C	PT	-	X
14600 -237E	Composite Carriage	Length 54'0", 8 wheels, 79 built 1911-24 Endorsed: retraced 2.34; altered to 3 rd class	- .2.34	1934	-	237C 6063	PT	-	X
14600 -238	Composite Carriage-Suburban-London and Ilford Service	Length 54'0", 8 wheels, 6 built 1913-14	-	1913	-	238C	PT	-	X
14600 -238E	Composite Carriage-Suburban	Length 54'0", 8 wheels, 6 built 1913-14 Endorsed: retraced	-	1913	-	238C	PT	-	X
14600 -238E	Composite Carriage	Length 54'0", 8 wheels, 6 built 1913-14 Endorsed: retraced 2.34	- .2.34	1934	-	238C 6064	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -239	Composite Carriage-Suburban	Length 54'0", 8 wheels, 26 converted 1914-23 from diagrams 113 and 308	-	1914	-	239C	PT	-	X
14600 -239E	Composite Carriage	Length 54'0", 8 wheels, 26 converted 1914-23 from diagrams 113 and 308 Endorsed: retraced	-	1914	-	239C	PT	-	X
14600 -240	Composite Carriage-Auto Train	Length 48'3", 8 wheels, 1 converted from diagram 212	-	1914	-	240C	PT	-	X
14600 -240E	Composite Carriage-Auto Train	Length 48'3", 8 wheels, 1 converted from diagram 212 Endorsed: retraced	-	1914	-	240C 6066	PT	-	X
14600 -241	Composite Carriage	Length 50'0", 8 wheels, 5 built 1915	-	1915	-	241C	PT	-	X
14600 -241E	Composite Carriage	Length 50'0", 8 wheels, 5 built 1915 Endorsed: retraced	-	1915	-	241C	PT	-	X
14600 -242	Composite Carriage-Millwall Extension Rly	Length 27'0", 4 wheels, 3 built 1897 ex diagram 115	-	1920	-	242C	PT	-	X
14600 -242E	Composite Carriage	Length 61'6", 8 wheels, 9 built 1926	-	1926	-	242C LNE Dia 6 & 6A	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -243E	Composite Carriage-Palace Gates Auto Train	Length 48'3", 8 wheels, 3 built 1897 ex diagram 209	-	1920	-	243C	PT	-	X
14600 -244E	Composite Carriage	Length 54'0", 8 wheels, 11 built 1920	-	1920	-	244C 6206	PT	-	X
14600 -244-1E	Composite Carriage	Length 54'0", 8 wheels, 6 built 1920 ex diagram 244	-	1927	-	244C	PT	-	X
14600 -244-1E	Composite Carriage	Length 54'0", 8 wheels, 6 built 1920 ex diagram 244 Endorsed: retraced 10.34	- .10.34	1934	-	244C 6069	PT	-	X
14600 -245	Composite Carriage	Length 54'0", 8 wheels, 20 built 1921	-	1921	-	245C	PT	-	X
14600 -245E	Composite Carriage	Length 54'0", 8 wheels, 20 built 1921 Endorsed: retraced	- .10.34	1934	-	245C 6070	PT	-	X
14600 -246E	Composite Carriage Conductor Guard Train	Length 32'0", 6 wheels, 2 built 1890-91 ex diagram 219	-	1922	-	246C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -247E	Composite Carriage	Length 50'0", 8 wheels, 3 built 1910 ex diagram 234; retraced	-	1933	-	247C 6071	PT	-	X
14600 -248E	Composite Carriage Conductor Guard Train	Length 34'6", 6 wheels, 18 built 1892-94 ex diagram 404	-	1922	-	248C 6072	PT	-	x
14600 -250E	Composite Carriage-Quintuple Units	Length 43'6¼", articulated, 70 built 1925-29	-	1925	-	250C LNE Dia 78 & 83	PT	-	X
14600 -251E	Composite Carriage-Quintuple Units	Length 43'6¼", articulated, 69 built 1925-29	-	1925	-	251C LNE Dia 76 & 81	PT	-	X
14600 -252E	Composite Carriage	Length 39'6", 8 wheels, 1 from Colne Valley Railway	-	1924	-	252C 6074	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -253	Composite Carriage	Length 52'0", 8 wheels, 2 built 1904, transferred from NE Section diagram 5	-	1936	-	253C 6075	PT	-	X
	SECOND CLASS CARRIAGES								
14600 -300	Second Class Carriage	Length 26'0", 4 wheels, 59 built 1871-75	-	1907	-	300C	PT	-	X
14600 -300	Second Class Carriage-Suburban London and Epping Service, London and Ilford Service	Length 54'0", 8 wheels, 80 built 1911-24	-	1911	-	300C	PT	-	X
14600 -300E	Second Class Carriage-Suburban	Length 54'0", 8 wheels, 80 built 1911-24 Endorsed: retraced	-	1911	-	300C 6076	PT	-	X
14600	Second Class Carriage	Length 27'0", 4 wheels, 51 built 1891-95 ex diagram 402	-	1907	-	301C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-301E									
14600 -302	Second Class Carriage	Length 27'0", 4 wheels, 329 built 1876-84	-	1907	-	302C	PT	-	X
14600 -302E	Second Class Carriage	Length 51'1 ½", 8 wheels, 2 built 1927	-	1927	-	302C LNE Dia 55	PT	-	X
14600 -303	Second Class Carriage	Length 31'6", 6 wheels, 122 built 1880-84	-	1907	-	303C	PT	-	X
14600 -304	Second Class Carriage	Length 27'0", 4 wheels, 18 built 1895-96	-	1907	-	304C	PT	-	X
14600 -305	Second Class Carriage	Length 34'6", 6 wheels, 4 built 1896	-	1907	-	305C	PT	-	X
14600 -306E	Second Class Carriage	Length 32'0", 6 wheels, 29 built 1896-97	-	1907	-	306C	PT	-	X
14600 -306E	Second Class Carriage	Length 32'0", 6 wheels, 29 built 1896-97 Endorsed: retraced 11.33	- .11.33	1933	-	306C 6079	PT	-	X
14600 -307E	Second Class Carriage	Length 27'0", 4 wheels, 20 built 1898	-	1907	-	307C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -308E	Second Class Carriage	Length 27'0", 4 wheels, 184 built 1899-05	-	1907	-	308C	PT	-	X
14600 -309E	Second Class Carriage	Length 54'0", 12 wheels, 2 built 1900	-	1907	-	309C	PT	-	X
14600 -309E	Second Class Carriage	Length 54'0", 12 wheels, 2 built 1900 Endorsed: retraced 10.33	- .10.33	1933	-	309C 6078	PT	-	X
14600 -310E	Restaurant Car	Length 48'3", 8 wheels, 1 built 1904	-	1907	-	310C	PT	-	X
14600 -310E	Restaurant Car	Length 48'3", 8 wheels, 1 built 1904 Endorsed: retraced 1933	-	1933	-	310C	PT	-	X
14600 -312	Second Class Carriage	Length 27'0", 4 wheels, 148 built 1882-84	-	1907	-	312C	PT	-	X
14600 -313E	Second Class Carriage	Length 50'0", 8 wheels, 2 built 1910; retraced	-	1933	-	313C 6080	PT	-	X
14600 -314E	Second Class Carriage	Length 34'6", 6 wheels, 76 built 1888-92 ex diagram 404	-	1913	-	314C	PT	-	X
14600	Second Class Carriage	Length 54'0", 8 wheels, 26 converted 1914- 23 from diagram 308	-	1914	-	315C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-315E		Endorsed: altered to 3 rd class							
14600 -316E	Second Class Carriage-Quintuple Units	Length 43'6 ¾", articulated, 70 built 1925-29	-	1925	-	316C LNE Dia 77 & 82	PT	-	X
14600 -317E	Restaurant Car	Length 61'6", 8 wheels, 4 built 1925	-	1925	-	317C LNE Dia 22	PT	-	X
14600 -318E	Second Class Carriage	Length 61'6", 8 wheels, 3 built 1925	-	1925	-	318C LNE Dia 21	PT	-	X
14600 -319E	Second Class Carriage	Length 34'6", 1 built 1899 converted from diagram 407	-	1937	-	319C	PT	-	X
	THIRD CLASS CARRIAGES								
14600 -400	Third Class Carriage	Length 24'3", 4 wheels, 162 built 1869-75	-	1907	-	400C	PT	-	X
14600 -400E	Third Class Carriage	Length 61'6", 8 wheels, 8 built 1926	-	1926	-	400C LNE Dia 23	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -401	Third Class Carriage	Length 26'0", 4 wheels, 120 built 1871-76	-	1907	-	401C	PT	-	X
14600 -401E	Third Class Carriage	Length 52'6", 8 wheels, 13 built 1926	-	1926	-	401C LNE Dia 25	PT	-	X
14600 -401E	Third Class Carriage	Length 49'0", 8 wheels, 44 built 1917-21 transferred from NE Section diagram 178	-	1936	-	401C 6083	PT	-	X
14600 -402	Third Class Carriage	Length 27'0", 4 wheels, 642 built 1876-95	-	1907	-	402C	PT	-	X
14600 -402E	Third Class Carriage	Length 52'6", 8 wheels, 10 built 1926	-	1926	-	402C LNE Dia 56	PT	-	X
14600 -403	Third Class Carriage	Length 34'0", 6 wheels, 40 built 1885	-	1907	-	403C	PT	-	X
14600 -404E	Third Class Carriage	Length 34'6", 6 wheels, 568 built 1886-93	-	1907	-	404C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -404E	Third Class Carriage	Length 34'6", 6 wheels, 568 built 1886-93 Endorsed: retraced c.1932	-	1932	-	404C 6084	PT	-	X
14600 -405	Third Class Carriage-Restaurant Cars	Length 32'0", 6 wheels, 2 built 1891	-	1907	-	405C	PT	-	X
14600 -405E	Third Class Carriage	Length 32'0", 6 wheels, 2 built 1891 Endorsed: retraced 6.1.30	- .1.30	1930	-	405C	PT	-	X
14600 -406	Third Class Carriage-Restaurant Cars	Length 34'6", 6 wheels, 1 built 1896	-	1907	-	405C	PT	-	X
14600 -406E	Third Class Carriage	Length 52'6", 8 wheels, 8 built 1929	-	1929	-	406C LNE Dia 141	PT	-	X
14600 -407	Third Class Carriage	Length 34'6", 6 wheels, 180 built 1898-99	-	1907	-	407C	PT	-	X
14600 -407E	Third Class Carriage	Length 34'6", 6 wheels, 180 built 1898-99 Endorsed: retraced	-	1907	-	407C 6085	PT	-	X
14600 -407E	Third Class Carriage	Length 34'6", 6 wheels, 180 built 1898-99 Endorsed: retraced 17.6.41	- .6.41	1941	-	407C 6085	PT	-	X
14600 -408	Third Class Carriage	Length 27'0", 4 wheels, 254 built 1898-05	-	1907	-	408C	PT	-	X
14600 -408E	Third Class Carriage	Length 27'0", 4 wheels, 254 built 1898-05 Endorsed: retraced 15.1.30	- .1.330	1930	-	408C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -409	Third Class Carriage	Length 31'6", 104 built 1880-84	-	1907	-	409C	PT	-	X
14600 -409E	Third Class Carriage-Quadruple Sets	Length 43'5", articulated, 14 built 1929	-	1929	-	409C LNE Dia 104	PT	-	X
14600 -410E	Third Class Carriage	Length 27'0", 4 wheels, 23 built 1896-98	-	1907	-	410C	PT	-	X
14600 -410E	Third Class Carriage	Length 58'6", 8 wheels, 1 built 1907 transferred from ECJS diagram 22	-	1934	-	410C 6086	PT	-	X
14600 -411C	Third Class Carriage-London and Enfield Service	Length 54'0", 12 wheels, 2 built 1900	-	1907	-	411C	PT	-	X
14600 -411E	Third Class Carriage	Length 54'0", 12 wheels, 2 built 1900 Endorsed: retraced 9.33	- .9.33	1933	-	411C 6088	PT	-	X
14600 -412E	Restaurant Car	Length 55'0", 8 wheels, 4 built 1899	-	1907	-	412C	PT	-	X
14600 -412E	Restaurant Car	Length 55'0", 8 wheels, 4 built 1899 Endorsed: retraced 10.33	- .10.33	1933	-	412C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -412E	Third Class Carriage	Length 58'6", 8 wheels, 2 built 1906-07 transferred from ECJS diagram 34 12.5.34	-	1934	-	412C	PT	-	X
14600 -413E	Third Class Carriage	Length 34'6", 6 wheels, 40 built 1900	-	1907	-	413C	PT	-	X
14600 -413E	Third Class Carriage	Length 34'6", 6 wheels, 40 built 1900 Endorsed: retraced 10.33	- .10.33	1933	-	413C 6197	PT	-	X
14600 -414	Third Class Carriage-Restaurant Cars	Length 55'0", 8 wheels, 3 built 1903	-	1907	-	414C	PT	-	X
14600 -414E	Restaurant Car	Length 55'0", 8 wheels, 3 built 1903 Endorsed: retraced	-	1907	-	414C	PT	-	X
14600 -414E	Third Class Carriage	Length 53'6", 8 wheels, 2 built 1906 transferred from ECJS diagram 18 12.33	- .12.33	1933	-	414C 1015	PT	-	X
14600 -415E	Third Class Carriage	Length 48'3", 8 wheels, 2 built 1906	-	1907	-	414C	PT	-	X
14600 -415E	Third Class Carriage	Length 48'3", 8 wheels, 2 built 1906 Endorsed: retraced 10.33	- .10.33	1933	-	414C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -416E	Restaurant Car	Length 48'3", 8 wheels, 2 built 1906	-	1907	-	415C	PT	-	X
14600 -416E	Restaurant Car	Length 48'3", 8 wheels, 2 built 1906 Endorsed: retraced 10.33	- .10.33	1933	-	415C 6091	PT	-	X
14600 -417E	Third Class Carriage	Length 50'0", 8 wheels, 10 built 1906	-	1907	-	416C	PT	-	X
14600 -417E	Third Class Carriage	Length 50'0", 8 wheels, 10 built 1906 Endorsed: retraced 10.33	- .10.33	1933	-	417C 6092	PT	-	X
14600 -418	Third Class Carriage-London and Cromer Train	Length 50'0", 8 wheels, 10 built 1907 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	417C	PT	-	X
14600 -418E	Third Class Carriage	Length 50'0", 8 wheels, 4 built 1907	-	1907	-	418C	PT	-	X
14600 -418E	Third Class Carriage	Length 50'0", 8 wheels, 4 built 1907 Endorsed: retraced 9.33	- .9.33	1933	-	418C 6093	PT	-	X
14600 -419	Third Class Carriage	Length 50'0", 8 wheels, 139 built 1906-16 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	419C	PT	-	X
14600 -419	Third Class Carriage	Length 50'0", 8 wheels, 139 built 1906-16							
14600 -419E	Third Class Carriage	Length 50'0", 8 wheels, 139 built 1906-16 Endorsed: retraced 9.1.30	- .1.30	1930	-	419C 6094	PT	-	X
14600 -419E	Third Class Carriage	Length 50'0", 8 wheels, 139 built 1906-16 Endorsed: retraced	-	1942	-	419C 6094	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -4.19E+01	Third Class Carriage	Length 50'0", 8 wheels, 11 built 1906-07 to conductor guard	-	1940	-	419-1C 6094	PT	-	X
14600 -420E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1907 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	420C	PT	-	X
14600 -420E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1907	-	1907	-	420C	PT	-	X
14600 -420E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1907 Endorsed: retraced 9.33	- .9.33	1933	-	420C 6095	PT	-	X
14600 -421E	Third Class Carriage	Length 27'0", 4 wheels, 244 built 1876-85 ex diagram 402	-	1907	-	421C	PT	-	X
14600 -421E	Third Class Carriage-Quadruple Sets	Length 51'1½", articulated, 14 built 1929	-	1929	-	421C LNE Dia 105	PT	-	X
14600 -422	Third Class Carriage	Length 34'6", 6 wheels, 125 built 1893-97	-	1907	-	422C	PT	-	X
14600 -422E	Third Class Carriage	Length 34'6", 6 wheels, 125 built 1893-97 Endorsed: retraced 1.30	- .1.30	1930	-	422C 6096	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -423	Third Class Carriage	Length 34'6", 6 wheels, 35 built 1901	-	1907	-	423C	PT	-	X
14600 -423E	Third Class Carriage	Length 34'6", 6 wheels, 35 built 1901 Endorsed: retraced 11.1.30	- .1.30	1930	-	423C 6097	PT	-	X
14600 -424	Third Class Carriage	Length 27'0", 4 wheels, 26 built 1877-83	-	1907	-	424C	PT	-	X
14600 -424E	Third Class Carriage	Length 34'6", 6 wheels, 4 built 1892 ex diagram 206 1931-32	-	1931	-	424C	PT	-	X
14600 -425E	Third Class Carriage	Length 50'0", 8 wheels, 3 built 1910	-	1910	-	425C	PT	-	X
14600 -425E	Third Class Carriage	Length 50'0", 8 wheels, 3 built 1910 Endorsed: retraced 10.33	- .10.33	1933	-	425C 6099	PT	-	X
14600 -426E	Third Class Carriage	Length 34'6", 6 wheels, 4 built 1896 ex diagram 305 1910	-	1910	-	426C	PT	-	X
14600 -427E	Restaurant Car	Length 50'0", 8 wheels, 3 built 1911	-	1911	-	427C	PT	-	X
14600		Length 50'0", 8 wheels, 3 built 1911							

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-427E	Restaurant Car	Endorsed: retraced 28.8.33; to diagram 429	- .8.33	1933	-	427C	PT	-	X
14600 -428E	Third Class Carriage-Suburban London and Epping Service	Length 54'0", 8 wheels, 57 built 1911-24	-	1911	-	428C	PT	-	X
14600 -428E	Third Class Carriage-Suburban	Length 54'0", 8 wheels, 57 built 1911-24 Endorsed: retraced 25.1.30	-	- .1.30	-	428C 6101	PT	-	X
14600 -429	Third Class Carriage-Restaurant Cars	Length 50'0", 8 wheels, 1 built 1913	-	1913	-	429C	PT	-	X
14600 -429E	Restaurant Car	Length 50'0", 8 wheels, 1 built 1913 Endorsed: retraced	-	1913	-	429C	PT	-	X
14600 -429E	Restaurant Car	Length 50'0", 8 wheels, 1 built 1913 Endorsed: retraced 21.5.35	- .5.35	1935	-	429C 6198	PT	-	X
14600 -430E	Third Class Carriage	Length 50'0", 8 wheels, 20 built 1913-15 Endorsed: retraced	-	1932	-	430C 6102	PT	-	X
14600 -431E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1914	-	1914	-	431C	PT	-	X
14600 -431E	Restaurant Car	Length 50'0", 8 wheels, 2 built 1914 Endorsed: retraced 10.35	- .10.35	-	-	431C 6103	PT	-	X
14600 -432E	Third Class Carriage-Suburban	Length 54'0", 8 wheels, 26 converted 1914-23 from diagram 408 1914-23	-	1914	-	432C 6104	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -433E	Third Class Carriage-Auto Train	Length 50'0", 8 wheels, 1 built 1906 ex diagram 417 1914	-	1914	-	433C 6105	PT	-	X
14600 -434E	Third Class Carriage-for Auto Train	Length 50'0", 8 wheels, 1 built 1906 ex diagram 417 1917	-	1914	-	434C 6106	PT	-	X
14600 -435E	Third Class Carriage	Length 54'0", 8 wheels, 2 built 1918 Endorsed: converted from AT61 & 75 1919 and 23	-	1919	-	435C 6107	PT	-	X
14600 -436E	Restaurant Car	Length 54'0", 8 wheels, 2 built 1918 Endorsed: converted from AT75 1920	-	1920	-	436C	PT	-	X
14600 -436E	Restaurant Car	Length 54'0", 8 wheels, 2 built 1918 Endorsed: converted from AT75; retraced	-	1920	-	436C 6108	PT	-	X
14600 -437E	Third Class Carriage-Suburban	Length 54'0", 8 wheels, 1 built 1911	-	1911	-	437C 6109	PT	-	X
14600 -438E	Third Class Carriage	Length 54'0", 8 wheels, 60 built 1921	-	1921	-	438C 6110	PT	-	X
14600 -439E	Third Class Carriage	Length 54'0", 8 wheels, 12 built 1921	-	1921	-	439C 6111	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -440E	Third Class Carriage-Conductor Guard Train	Length 34'6", 6 wheels, 22 built 1889-94 ex diagrams 404 and 422 1922/23	-	1922	-	440C 6112	PT	-	X
14600 -441E	Third Class Carriage	Length 54'0", 8 wheels, 6 built 1915-16 Endorsed: converted from AT 20 & 28	-	1922	-	441C	PT	-	X
14600 -441E	Third Class Carriage	Length 54'0", 8 wheels, 6 built 1915-16 Endorsed: converted from AT 20 & 28; retraced 8.11.32	-11.32	1932	-	441C 6113	PT	-	X
14600 -442E	Third Class Carriage	Length 54'0", 8 wheels, 1 built 1916 Endorsed: converted from AT28 1922	-	1922	-	442C 6114	PT	-	X
14600 -443E	Third Class Carriage	Length 50'0", 8 wheels, 16 built 1911-15 Endorsed: converted from AT 12 & 36 1922/23	-	1922	-	443C 6115	PT	-	X
14600 -444E	Third Class Carriage	Length 32'0", 6 wheels, 13 built 1896/99 ex diagram 306 1922/23	-	1923	-	444C 6117	PT	-	X
14600 -445E	Third Class Carriage	Length 53'6", 8 wheels, 27 built 1924, NER pattern for GE Area	-	1924	-	445C 6116	PT	-	X
14600 -446E	Third Class Carriage	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT 61 8.24	-	1924	-	446C 6118	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -447E	Third Class Carriage-Quintuple Units	Length 43'6 ¾", articulated, 70 built 1925-29	-	1925	-	447C LNE Dia 79 & 84	PT	-	X
14600 -448	Third Class Carriage	Length 48'3", 8 wheels, 3 built 1904 ex diagram 311 1926	-	1926	-	448C	PT	-	X
14600 -448E	Third Class Carriage	Length 48'3", 8 wheels, 3 built 1904 ex diagram 311 1926 Endorsed: retraced	-	1926	-	448C 6119	PT	-	X
14600 -449E	Restaurant Car	Length 61'6", 8 wheels, 2 built 1929	-	1929	-	449C LNE Dia 27A	PT	-	X
14600 -450	Third Class Carriage	Length 27'0", 4 wheels, 31 built 1898-05 ex diagram 308 1927-30	-	1927	-	450C	PT	-	X
14600 -451E	Third Class Carriage	Length 48'3", 8 wheels, 1 built 1901 ex diagram 214 9.33	-	1933	-	451C 6207	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -452E	Third Class Carriage	Length 39'6", 8 wheels, 1 built 1906 ex Colne Valley Railway 3.24	-	1933	-	452C 6120	PT	-	X
14600 -453E	Third Class Carriage	Length 54'0", 8 wheels, 13 converted 1914-23 ex diagram 315 1935/36	-	1935	-	453C 6121	PT	-	X
14600 -454E	Third Class Carriage	Length 52'0", 8 wheels, 14 built 1906; transferred from NE Section diagram 111 1936	-	1936	-	454C 2077	PT	-	X
14600 -455E	Lavatory Third	Length 52'0", 8 wheels, 36 built 1907-09; transferred from NE Section diagram 163 1936	-	1936	-	455C 2176	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -457E	Third Class Carriage	Length 52'0", 8 wheels, 16 built 1906-08; transferred from NE Section diagram 127 1937/38	-	1937	-	457 2091	PT	-	X
14600 -458E	Third Class Carriage	Length 52'0", 8 wheels, 10 built 1897-03; transferred from NE Section diagram 7 12.36	-	1937	-	458 6213	PT	-	X
14600 -459E	Third Class Carriage	Length 49'0", 8 wheels, 7 built 1907; transferred from NE Section diagram 131 1937	-	1937	-	459C 2095	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -460E	Third Class Carriage	Length 50'0", 8 wheels, 4 built 1909; transferred from NE Section diagram 227 1938	-	1938	-	460C 2183	PT	-	X
14600 -461E	Third Class Carriage	Length 52'0", 8 wheels, 2 built 1904; transferred from NE Section diagram 101 1938	-	1938	-	461C	PT	-	X
14600 -462E	Third Class Carriage-Suburban	Length 54'0", 8 wheels, 1 built 1914 ex diagram 428 6.38	-	1938	-	462C 6101	PT	-	X
	BRAKES AND BRAKE COMPOSITES								
14600 -500E	Brake Van	Length 32'0", 6 wheels, 2 built 1889 ex diagram 513	-	1907	-	500C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -500E	Telegraph Fitters Van	Length 33'10½", 6 wheels, 1 built 1888 transferred from GN Area diagram? 5.35	-	1935	-	500C 6124	PT	-	X
14600 -501	Brake Third Class Carriage	Length 22'8¾", 4 wheels, 72 built 1871-76	-	1907	-	501C	PT	-	X
14600 -501E	Brake Van	Length 46'6", 8 wheels, 5 built 1903 ex ECJS diagram 36 5.28-3.29	- .5.28	1928	-	501C 1019	PT	-	X
14600 -502	Brake Third Class Carriage	Length 27'0", 4 wheels, 18 built 1876-77	-	1907	-	502C	PT	-	X
14600	Brake Third Class Carriage	Length 52'0", 8 wheels, 64 built 1900-03; transferred from NE Section diagram 18 2.36-6.37	-2.26	1936	-	502C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-502E						2006			
14600 -503	Brake Third Class Carriage	Length 27'0", 4 wheels, 32 built 1882-84	-	1907	-	503C	PT	-	X
14600 -503E	Brake Van (Pigeon Traffic)	Length 32'0", 4 wheels, 50 built 1928-29	-	1928	-	503E LNE Dia 120	PT	-	X
14600 -503E	Brake Third Class Carriage	Length 52'0, 8 wheels, 7 built 1912-13; transferred from NE Section diagram 1615.36-4.37	-5.36	1936	-	503C 2124	PT	-	X
14600 -504	Brake Third Class Carriage	Length 27'0", 4 wheels, 34 built 1877	-	1907	-	504C	PT	-	X
14600 -504E	Brake Van	Length 56'6", 8 wheels, 1 built 1916; transferred from ECJS diagram 39B 2.28	- .2.28	1928	-	504C 1003	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -504-1E	Brake Van	Length 56'6", 8 wheels, 2 built 1906/10; transferred from ECJS diagram 39 11.28	- .11.28	1928	-	504-1C 1020	PT	-	X
14600 -504-2E	Brake Van	Length 56'6", 8 wheels, 1 built 1910; transferred from ECJS diagram 34A 8.28	- .8.28	1928	-	504-2 1022	PT	-	X
14600 -504-3E	Brake Van	Length 56'6", 8 wheels, 1 built 1910; transferred from ECJS diagram 34A 8.28	- .8.28	1928	-	504-3 1022	PT	-	X
14600 -505	Brake van	Length 26'0", 4 wheels, 20 built 1875-76	-	1907	-	505C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -505E	Brake Third Class Carriage	Length 27'0", 4 wheels, 12 built 1903/05 ex diagram 408 12.27-10.28	- .12.27	1927	-	505C	PT	-	X
14600 -506	Brake Van	Length 31'6", 6 wheels, 30 built 1885	-	1907	-	506C	PT	-	X
14600 -507	Brake Third Class Carriage	Length 27'0", 4 wheels, 5 built 1883	-	1907	-	508C	PT	-	X
14600 -507E	Brake Third Class Carriage	Length 61'0", 12 wheels, 4 built 1901; transferred from ECJS diagram 53 12.26	- .12.26	1926	-	509C	PT	-	X
14600 -508	Brake Van	Length 27'0", 4 wheels, 56 built 1876-83	-	1907	-	508C	PT	-	X
14600 -508E	Brake Van	Length 32'0", 6 wheels, 4 built 1904/06 ex diagram 706 1929	-	1929	-	508C 6129	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -509	Brake Van	Length 31'6", 6 wheels, 25 built 1880-81	-	1907	-	509C	PT	-	X
14600 -509E	Brake Third Class Carriage	Length 61'0", 12 wheels, 2 built 1902; transferred from ECJS diagram 52 11.26 and 5.27	- .11.26	1926	-	509C	PT	-	X
14600 -510	Brake Third Class Carriage	Length 27'0", 4 wheels, 60 built 1883	-	1907	-	510C	PT	-	X
14600 -510E	Brake Van	Length 51'1½", 8 wheels, 8 built 1926-27	-	1926	-	510C LNE Dia 67	PT	-	X
14600 -511E	Brake Third Class Carriage	Length 31'6", 6 wheels, 10 built 1885	-	1907	-	511C	PT	-	X
14600 -511E	Brake Third Class Carriage	Length 51'1½", 8 wheels, 22 built 1927-28	-	1927	-	511C LNE Dia 65	PT	-	X
14600	Brake Third Class Carriage	Length 27'0", 4 wheels, 10 built 1890	-	1907	-	512C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-512E									
14600 -512E	Brake Second-Quadruple Sets	Length 51'1½", articulated, 14 built 1929	-	1929	-	512C LNE Dia 102	PT	-	X
14600 -513E	Brake Van	Length 32'0", 6 wheels, 85 built 1886-90	-	1907	-	513C	PT	-	X
14600 -514E	Brake Third Class Carriage	Length 34'6", 6 wheels, 148 built 1888-96	-	1907	-	514C	PT	-	X
14600 -514E	Brake Third Class Carriage	Length 34'6", 6 wheels, 148 built 1888-96 Endorsed: retraced 11.33	- .11.33	1933	-	514C 6130	PT	-	X
14600 -515E	Brake Second Class Carriage	Length 34'6", 6 wheels, 2 built 1896	-	1907	-	515C	PT	-	X
14600 -515E	Brake Second Class Carriage	Length 34'6", 6 wheels, 2 built 1896 Endorsed: retraced 11.33	- .11.33	1933	-	515C	PT	-	X
14600 -516E	Brake Van	Length 32'0", 6 wheels, 67 built 1891-95	-	1907	-	516C	PT	-	X
14600 -516E	Brake Van	Length 32'0", 6 wheels, 67 built 1891-95 Endorsed: retraced 11.33	- .11.33	1933	-	516C 6131	PT	-	X
14600	Brake Third Class Carriage	Length 46'0", 8 wheels, 2 built 1900	-	1907	-	517C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-517E									
14600 -517E	Brake Third Class Carriage	Length 46'0", 8 wheels, 2 built 1900 Endorsed: retraced 10.33	- .10.33	1933	-	517C 6132	PT	-	X
14600 -518E	Brake Van	Length 32'0", 6 wheels, 11 built 1896-00	-	1907	-	518C	PT	-	X
14600 -518E	Brake Van	Length 32'0", 6 wheels, 11 built 1896-00 Endorsed: retraced 11.33	- .11.33	1933	-	518C 6133	PT	-	X
14600 -519E	Brake Third Class Carriage	Length 34'6", 6 wheels, 35 built 1897-99	-	1907	-	519C	PT	-	X
14600 -519E	Brake Third Class Carriage	Length 34'6", 6 wheels, 35 built 1897-99 Endorsed: retraced 1.34	- .1.34	1934	-	519C 6134	PT	-	X
14600 -520E	Brake Third Class Carriage	Length 27'0", 4 wheels, 27 built 1898-00	-	1907	-	520C	PT	-	X
14600 -521E	Brake Third Class Carriage	Length 27'0", 4 wheels, 12 built 1899-05	-	1907	-	521C	PT	-	X
14600 -521E	Brake Third Class Carriage	Length 27'0", 4 wheels, 12 built 1899-05 Endorsed: retraced 1.34	- .1.34	1934	-	521C	PT	-	X
14600	Brake Third Class Carriage	Length 27'0", 4 wheels, 36 built 1900-03	-	1907	-	522C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-522E									
14600 -522E	Brake Third Class Carriage	Length 27'0", 4 wheels, 36 built 1900-03 Endorsed: retraced 1.34	- .1.34	1934	-	522C	PT	-	X
14600 -523E	Brake Van	Length 32'0", 6 wheels, 2 built 1906	-	1907	-	523C	PT	-	X
14600 -524E	Brake Second Class Carriage	Length 32'0", 6 wheels, 1 built 1904	-	1907	-	524C	PT	-	X
14600 -524E	Brake Second Class Carriage	Length 32'0", 6 wheels, 1 built 1904 Endorsed: retraced 10.33	- .1.33	1933	-	524C 6135	PT	-	X
14600 -525E	Brake Van	Length 32'0", 6 wheels, 2 built 1906	-	1907	-	525C	PT	-	X
14600 -525E	Brake Van	Length 32'0", 6 wheels, 2 built 1906 Endorsed: retraced 10.33	- .10.33	1933	-	525C 6136	PT	-	X
14600 -526E	Brake Third Class Carriage	Length 48'3", 8 wheels, 2 built 1906	-	1907	-	526C	PT	-	X
14600 -526E	Brake Third Class Carriage	Length 48'3", 8 wheels, 2 built 1906 Endorsed: retraced 10.33	- .10.33	1933	-	526C 6137	PT	-	X
14600 -527	Brake Third Class Carriage-London and Cromer Train	Length 50'0", 8 wheels, 6 built 1907 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	527C	PT	-	X
14600 -527E	Brake Third Class Carriage	Length 50'0", 8 wheels, 6 built 1907	-	1907	-	527C	PT	-	X
14600 -527E	Brake Third Class Carriage	Length 50'0", 8 wheels, 6 built 1907 Endorsed: retraced 10.33	- .10.33	1933	-	527C 6138	PT	-	X
14600		Length 50'0", 8 wheels, 2 built 1907							

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-528	Brake Van-London and Cromer Train	My note: an interim diagram replaced in 1908 by next entry	-	1907	-	528C	PT	-	X
14600 -528E	Brake Van	Length 50'0", 8 wheels, 2 built 1907	-	1907	-	528C	PT	-	X
14600 -528E	Brake Van	Length 50'0", 8 wheels, 2 built 1907 Endorsed: retraced 10.33	- .10.33	1933	-	528C 6139	PT	-	X
14600 -529	Brake Third Class Carriage	Length 50'0", 8 wheels, 13 built 1907 My note: an interim diagram replaced in 1908 by next entry	-	1907	-	529C	PT	-	X
14600 -529E	Brake Third Class Carriage	Length 50'0", 8 wheels, 13 built 1907	-	1907	-	529C	PT	-	X
14600 -529E	Brake Third Class Carriage	Length 50'0", 8 wheels, 13 built 1907 Endorsed: retraced 10.33	- .10.33	1933	-	529C 6140	PT	-	X
14600 -530	Brake Third Class Carriage	Length 27'0", 4 wheels, 12 built 1882-83	-	1907	-	530C	PT	-	X
14600 -530E	Brake Third Class Carriage	Length 52'6", 8 wheels, 2 built 1926	-	1926	-	530C LNE Dia 42	PT	-	X
14600 -531	Brake Third Class Carriage	Length 27'0", 4 wheels, 5 built 1877	-	1907	-	531C	PT	-	X
14600 -531E	Brake Third Class Carriage	Length 51'1 ½", 8 wheels, 6 built 1926	-	1926	-	531C LNE Dia 63	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -532E	Brake Van	Length 32'0", 6 wheels, 70 built 1901-06	-	1907	-	532C	PT	-	X
14600 -532E	Brake Van	Length 32'0", 6 wheels, 70 built 1901-06 Endorsed; retraced 11.33	- .11.33	1933	-	532C 6141	PT	-	X
14600 -533E	Brake Third Class Carriage	Length 34'6, 6 wheels, 30 built 1901-02	-	1907	-	533C	PT	-	X
14600 -533E	Brake Third Class Carriage	Length 34'6, 6 wheels, 30 built 1901-02 Endorsed: retraced 11.33	- .11.33	1933	-	533C 6142	PT	-	X
14600 -534E	Brake Third Class Carriage	Length 48'3", 8 wheels, 2 built 1906	-	1907	-	534C	PT	-	X
14600 -534E	Brake Third Class Carriage	Length 48'3", 8 wheels, 2 built 1906 Endorsed: retraced 11.33	- .11.33	1933	-	534C 6143	PT	-	X
14600 -535E	Brake Van	Length 50'0", 8 wheels, 5 built 1908/10	-	1908	-	535C	PT	-	X
14600 -535E	Brake Van	Length 50'0", 8 wheels, 5 built 1908/10 Endorsed: retraced 11.33	- .11.33	1933	-	535C 6144	PT	-	X
14600 -536E	Brake Van	Length 32'0", 6 wheels, 20 built 1908-09	-	1908	-	536C	PT	-	X
14600	Brake Van	Length 32'0", 6 wheels, 20 built 1908-09	- .11.33	1933	-	536C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-536E		Endorsed: retraced 11.33				6145			
14600 -537E	Brake Third Class Carriage	Length 50'0", 8 wheels, 10 built 1908	-	1908	-	537C	PT	-	X
14600 -537E	Brake Third Class Carriage	Length 50'0", 8 wheels, 10 built 1908 Endorsed: retraced 10.33	- .10.33	1933	-	537C 6146	PT	-	X
14600 -538E	Brake Third Class Carriage	Length 34'6", 6 wheels, 1 built 1902 ex diagram 533	-	1909	-	538C	PT	-	X
14600 -538E	Brake Third Class Carriage	Length 34'6", 6 wheels, 1 built 1902 ex diagram 533 for Royal Train Endorsed: retraced 10.33	- .10.33	1933	-	538C 6147	PT	-	X
14600 -539E	Brake Van	Length 50'0", 8 wheels, 1 built 1910	-	1910	-	539C	PT	-	X
14600 -539E	Brake Van	Length 50'0", 8 wheels, 1 built 1910 Endorsed: retraced 8.33	- .8.33	1933	-	539C 6148	PT	-	X
14600 -540E	Brake Van	Length 34'6", 6 wheels, 20 built 1911	-	1911	-	540C	PT	-	X
14600 -540E	Brake Van	Length 34'6", 6 wheels, 20 built 1911 Endorsed: retraced 9.33	- .9.33	1933	-	540C 6149	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -540E	Brake Van	Length 34'6", 6 wheels, 20 built 1911	-	1933	-	540C 6149	TP	-	X
14600 -541E	Brake Third Class Carriage	Length 50'0", 8 wheels, 83 built 1911-17 Endorsed: retraced	-	1933	-	541C 6140	PT	-	X
14600 -542E	Brake Third Class Carriage-Suburban	Length 54'0", 8 wheels, 80 built 1911-24	-	1911	-	542C	PT	-	X
14600 -542E	Brake Third Class Carriage	Length 54'0", 8 wheels, 80 built 1911-24 Endorsed: retraced 10.33	- .10.33	1933	-	542C 6151	PT	-	X
14600 -543E	Brake Van	Length 50'0", 8 wheels, 11 built 1913-16 Endorsed: converted from AT 3, 17, 20, 22 and 28 1920-22	-	1920	-	543C	PT	-	X
14600 -543E	Brake Van	Length 50'0", 8 wheels, 11 built 1913-16 Endorsed: converted from AT 3, 17, 20, 22 and 28 1920-22; retraced 27.3.35	- .3.35	1935	-	543C 6152	PT	-	X
14600 -544E	Brake Third Class Carriage	Length 54'0", 8 wheels Endorsed: 4 converted from diagrams 408 and 520 1914-21	-	1914	-	544C 6153	PT	-	X
14600 -545E	Brake Third Class Carriage	Length 54'0", 8 wheels Endorsed: 22 converted 1914-23 from diagrams 408 and 522 1914-23	-	1914	-	545C	PT	-	X
14600 -545E	Brake Third Class Carriage	Length 54'0", 8 wheels Endorsed: 22 converted 1914-23 from diagrams 408 and 522; retraced	-	1933	-	545C 6154	PT	-	X
14600 -546E	Brake Van	Length 50'0", 8 wheels, 2 built 1917 ex Royal Train 6.25 Endorsed: altered 3.27	-	1917	-	546C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -546E	Brake Van	Length 50'0", 8 wheels, 2 built 1917 ex Royal Train Endorsed: retraced 3.35	- .3.35	1935	-	546C 6155	PT	-	X
14600 -547E	Brake Third Class Carriage	Length 54'0", 8 wheels, 40 built 1920	-	1920	-	547C	PT	-	X
14600 -547E	Brake Third Class Carriage	Length 54'0", 8 wheels, 40 built 1920 Endorsed: retraced 3.35	- .3.35	1935	-	547C 6156	PT	-	X
14600 -548E	Brake Van	Length 54'0", 8 wheels, 8 built 1918 Endorsed: converted from AT 75 1919	-	1919	-	548C 6157	PT	-	X
14600 -549E	Brake Van	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT75 7.19	-	1919	-	549C 6158	PT	-	X
14600 -550E	Brake Van	Length 54'0" 8 wheels, 1 built 1918 Endorsed: converted from AT 75 7.19	-	1919	-	550C 6159	PT	-	X
14600 -551E	Brake Van	Length 54'0" 8 wheels, 1 built 1918 Endorsed: converted from AT 75 7.19	-	1919	-	551C 6160	PT	-	X
14600 -552E	Brake Third Class Carriage-Conductor Guard Train	Length 34'6", 6 wheels, 18 built 1888-96 ex diagram 514 1922-23	-	1922	-	552C 6161	PT	-	X
14600 -553E	Brake Van-Office Van	Length 50'0", 8 wheels, 1 built 1908 ex diagram 535 8.21	-	1908	-	553C	PT	-	X
14600 -553E	Brake Third Class Carriage	Length 61'6", 8 wheels, 6 built 1925-26	-	1925	-	553C LNE Dia 40	PT	-	X
14600	Brake Third Class Carriage	Length 50'0", 8 wheels, 1 built 1916	-	1922	-	554C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-554E	Brake Third Class Carriage	Endorsed: converted from AT28 7.22	-	1924	-	6199	PT	-	X
14600 -555E	Brake Third Class Carriage	Length 53'6", 8 wheels, 10 built 1924; NER pattern for GE Area	-	1924	-	555C 6200	PT	-	X
14600 -556E	Brake Third Class Carriage	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT61 8.24	-	1924	-	556C 6201	PT	-	X
14600 -557E	Brake Third Class Carriage	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT61 8.24	-	1924	-	557C 6202	PT	-	X
14600 -558E	Brake Third Class Carriage	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT61 9.24	-	1924	-	558C 6162	PT	-	X
14600 -559E	Brake Third Class Carriage	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT61 9.24	-	1924	-	559C 6163	PT	-	X
14600 -560E	Brake Third Class Carriage	Length 54'0", 8 wheels, 1 built 1918 Endorsed: converted from AT61 9.24	-	1924	-	560C 6164	PT	-	X
14600 -561E	Brake Third Class Carriage-Quintuple Units	Length 43'6 ¾", articulated, 58 built 1925-29	-	1925	-	561C LNE Dia 80	PT	-	X
14600 -561E-A	Brake Third Class Carriage-Quintuple Units	Length 43'6 ¾", articulated, 12 built 1925-29	-	1925	-	561-AC LNE Dia 85	PT	-	X
14600 -562E	Brake Second Class Carriage	Length 61'6", 8 wheels, 1 built 1925	-	1925	-	562C LNE Dia 35	PT	-	X
14600 -563E	Brake Van	Length 61'6", 8 wheels, 1 built 1925	-	1925	-	563C LNE Dia 43	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -565E	Brake Van	Length 56'6", 8 wheels, 3 built 1910; transferred from ECJS diagram 39A 5.28	- .5.28	1928	-	565C 6203	PT	-	X
14600 -566E	Brake Third Class Carriage	Length 61'0", 12 wheels, 1 built 1901; transferred from ECJS diagram 53	- .6.28	1928	-	566C	PT	-	X
14600 -567E	Brake Van	Length 52'6", 8 wheels, 10 built 1928	-	1928	-	567C LNE Dia 111	PT	-	X
14600 -568	Brake Van	Length 32'0", 6 wheels, 3 built 1896; transferred from Southern Scottish Area	-	1931	-	568C 6165	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -569E	Brake Van	Length 30'0", 6 wheels, 2 built 1897; transferred from Southern Scottish Area, formerly ECJS diagram -	-	1930	-	569C	PT	-	x
14600 -569E	Brake Third Class Carriage	Length 52'0", 8 wheels, 7 built 1906; transferred from NE Section diagram -?	-	1936	-	569C 2094	PT	-	x
14600 -570E	Third Class Brake	Length 58'6", 8 wheels, 1 built 1908; transferred from ECJS diagram 49A 2.34	-2.34	1934	-	570C 1016	PT	-	X
14600	Third Class Brake	Length 58'6", 8 wheels, 2 built 1908; transferred from ECJS diagram 49 16.12.35	- .12.35	1935	-	571C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-571E						1017			
14600 -572E	Brake Van	Length 49'8", 8 wheels, 5 built 1906; transferred from NB Section diagram 58B 1.39	.1.39	1939	-	572C 3025	PT	-	X
14600 -573E	Brake Van	Length 49'8", 8 wheels, 5 built 1904; transferred from NB Section diagram 40B	.1.39	1939	-	573C 3017	PT	-	X
	TRAM CARS								
14600 -600E	Third Class Tram Car-Wisbech and Upwell	Length 23'7", 4 wheels, 3 built 1884/90	-	1907	-	600C	PT	-	X
14600 -601E	Third Class Tram Car-Tollesbury Branch	Length 23'7", 4 wheels, 3 built 1884/90	-	1907	-	601C 6167	PT	-	X
14600 -602E	Composite Tram Car-Wisbech and Upwell	Length 33'10 ½", 8 wheels, 1 built 1884	-	1907	-	602C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -603E	Third Class Tram Car-Tollesbury Branch	Length 33'10 ½", 8 wheels, 1 built 1884	-	1907	-	603C 6168	PT	-	X
14600 -605E	Third Class Carriage-Tollesbury Branch	Length 27'0", 4 wheels, 3 built 1878-79 ex diagram 402 1904	-	1907	-	605C	PT	-	X
14600 -606E	Third Class Carriage-Tollesbury Branch	Length 27'0", 4 wheels, 3 built 1882-83 ex diagram 402 1904	-	1907	-	606C	PT	-	X
14600 -607E	Brake Third Class Carriage-Tollesbury Branch	Length 27'0", 4 wheels, 1 built 1877 ex diagram 502 1904	-	1907	-	607C	PT	-	X
14600 -608E	Brake Third Class Carriage-Tollesbury Branch	Length 27'0", 4 wheels, 1 built 1877 ex diagram 504 1904	-	1907	-	608C	PT	-	X
14600 -609	Composite Tram Car-Stoke Ferry Branch	Length 30'0", 6 wheels, 1 built 1896	-	1907	-	609C	PT	-	X
14600	Brake Third Class Carriage	Length 30'0", 6 wheels, 1 built 1896	-	1907	-	609C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-609	Brake Third Class Carriage	Endorsed: altered 10.31 and retraced		1931		6169	PT		X
14600 -610E	Brake Third Class Tram Car-Stoke Ferry Branch	Length 30'0", 6 wheels, 1 built 1896		1907		610C	PT		X
14600 -610E	Brake Third Class Carriage-Tollesbury Branch	Length 30'0", 6 wheels, 1 built 1896 Endorsed: converted 1931; retraced		1931		610C 6170	PT		X
14600 -611E	Brake Van-Wisbech & Upwell	Length 22'8 3/4", 4 wheels, 1 built 1875 ex diagram 501 10.03		1907		611C	PT		X
14600 -612E	Brake Third Class Carriage-Elsenham & Thaxted Rly	Length 34'6", 6 wheels, 2 built 1891 ex diagram 514 1913		1913		612C 6171	PT		X
14600 -613E	Third Class Carriage-Elsenham & Thaxted Rly	Length 34'6", 6 wheels, 3 built 1891-92 ex diagram 404 1913		1913		613C 6172	PT		X
14600 -614E	Steam Railway Car (Sentinel Cammell)	Length 56'5", 8 wheels, 2 built 1925		1925		614C LNE Dia 152-3	PT		X
14600 -615E	Steam Rail Car (Claytons)	Length 51'0", 8 wheels, 1 built 1928		1928		615C LNE Dia 92	PT		X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
	MAIL VANS								
14600 -700E	Mail Van	Length 34'2½", 6 wheels, 2 built 1890/92	-	1907	-	700C	PT	-	X
14600 -701E	Mail Van	Length 34'2½", 6 wheels, 2 built 1892	-	1907	-	701C	PT	-	X
14600 -702E	Mail Van	Length 27'2", 4 wheels, 1 built 1879	-	1907	-	702C	PT	-	X
14600 -703E	Mail Van	Length 34'2 ½", 6 wheels, 3 built 1885	-	1907	-	703C	PT	-	X
14600 -704E	Mail Van	Length 34'0", 6 wheels, 2 built 1903	-	1907	-	704C	PT	-	X
14600 -705	Parcel Mail Van	Length 31'6", 6 wheels, 4 built 1880-81 ex diagram 509 12.04	-	1907	-	705C	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -707E	Mail Van	Length 52'0", 8 wheels, 3 built 1903-04; transferred from NE Area diagram 93 1929	-	1929	-	707C 6173	PT	-	X
14600 -708E	Mail Van	Length 37'6", 6 wheels, 2 built 1891; transferred from GN Section diagram 321 2.29	- .2.29	1929	-	708C	PT	-	X
14600 -709E	Mail Van	Length 56'6", 8 wheels, 2 built 1907/09; transferred from GN Section diagram 318? 7.33	- .7.33	1933	-	709C 6174	PT	-	X

Carriage Stock 14600 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
14600 -710E	Mail Van	Length 52'0", 8 wheels, 3 built 1910; transferred from NE Area diagram 183 1938	-	1938	-	710C 2143	PT	-	X

Miscellaneous Non-Passenger Rolling Stock 16648 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-	Index Sheet	Schedule of surviving GER carriage trucks, horse boxes, cattle boxes, carriage vans and parcels vans My note: undated, draughted after 1938 but prior to 1948	-	1936	-	-	TI	-	-
-	Index to Parcels Vans and Motor Car Vans	Schedule of vans Nos 6001 to 6081 and Nos 71035 to 71099	-	1956	-	48M 53M 54M	TI	-	-
16648	Generic Number for Miscellaneous Stock Diagrams, each diagram having a sub number	1/8" to 1' diagram size 7 7/8" x 6 3/16" showing outline side elevation and interior plan, principal dimensions, seating capacity, weight empty and running numbers							
16648 -1E	Open Carriage Truck	Length 16'0", 4 wheels, 67 built 1875-86	-	1908	-	1E	PT	-	-
16648 -4E	Open Carriage Truck	Length 16'0", 4 wheels, 22 built 1893	-	1908	-	4E	PT	-	-
16648 -7E	Open Carriage Truck	Length 21'0", 4 wheels, 40 built 1903-12	-	1908	-	7E	PT	-	-
16648 -8	Covered Carriage Truck	Length 16'0", 4 wheels, 8 built 1878-84	-	1908	-	8	PT	-	-
16648 -9E	Covered Carriage Truck	Length 16'1", 4 wheels, 6 built 1891	-	1908	-	9E	PT	-	-
16648 -10E	Covered Carriage Truck	Length 20'4", 4 wheels, 30 built 1895-12	-	1908	-	10E	PT	-	-
16648 -11	Inspection Truck	Length 16'0", 4 wheels, 1 converted from diagram 1	-	1908	-	11	PT	-	-
16648 -12	Inspection Truck-Service Vehicle	Length 34'0", 6 wheels, 1 converted from carriage diagram 413	-	1908	-	12	PT	-	-
16648 -13	Continental Luggage Box	Length 16'0", 4 wheels, 2 converted from diagram 2	-	1908	-	13	PT	-	-
16648 -14E	Continental Luggage Box	Length 26'0", 4 wheels, 2 built 1894 & 97	-	1908	-	14E	PT	-	-
16648 -Pt 14	Continental Luggage Box	Length 26'0", 4 wheels, 2 built 1894 & 97, boxes Nos 11 and 12	-	1908	-	Part 14	PT	-	-
16648	Horse Box	Length 16'0", 4 wheels, 142 built 1875-1894	-	1908	-	15	PT	-	-

Miscellaneous Non-Passenger Rolling Stock 16648 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-15	Horse Box	Length 16'0", 4 wheels, 143 built 1875-1884	-	1908	-	15	PT	-	-
16648 -16E	Horse Box	Length 16'8", 4 wheels, 355 built 1888-02	-	1908	-	16E	PT	-	-
16648 -16	Horse Box	continuation sheet for running numbers	-	1908	-	-	PT	-	-
16648 -16E	Horse Box	continuation sheet for running numbers	-	1908	-	-	PT	-	-
16648 -17	Horse Box	Length 16'8", 4 wheels, 140 built 1903-09	-	1908	-	17	PT	-	-
16648 -17E	Horse Box	Length 16'8", 4 wheels, 140 built 1903-09 Endorsed: retraced 1933	-	1908	-	17E	PT	-	-
16648 -17E	Horse Box	continuation sheet for running numbers	-	1933	-	-	PT	-	-
16648 -18	Cattle Box	Length 18'8", 4 wheels, 45 built 1888 & 92	-	1908	-	18E	PT	-	-
16648 -19E	Cattle Box	Length 21'5 ½", 4 wheels, 85 built 1897-14	-	1908	-	19E	PT	-	-
16648 -20E	Milk Van	Length 22'0", 4 wheels, 7 built 1882 & 89	-	1908	-	20E	PT	-	-
16648 -21E	Milk Van	Length 31'6", 6 wheels, 12 built 1897	-	1908	-	21E	PT	-	-
16648 -21E	Milk Van	Length 31'6", 6 wheels, 12 built 1897 Endorsed: retraced 12.33	- .12.33	1933	-	21E 6181	PT	-	-
16648 -22E	Milk Van	Length 31'6", 6 wheels, 2 built 1903-04	-	1908	-	22E	PT	-	-
16648 -22E	Milk Van	Length 31'6", 6 wheels, 2 built 1903-04 Endorsed: retraced 12.33	- .12.33	1933	-	22E	PT	-	-
16648 -23	Open Fish Truck	Length 16'0", 4 wheels, 80 built 1878	-	1908	-	23	PT	-	-
16648 -24E	Fruit Van	Length 16'0", 4 wheels, 80 built 1893 & 03 as open fish trucks, converted 1909	-	1909	-	24E	PT	-	-
16648 -24	Fruit Van	continuation sheet for running numbers	-	1909	-	-	PT	-	-
16648 -25E	Fruit Van	Length 18'8", 4 wheels, 45 built 1888 & 93; converted from diagram 18 1908 and 1910	-	1908	-	25E	PT	-	-

Miscellaneous Non-Passenger Rolling Stock 16648 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
16648 -26	Yeast Van	Length 16'0", 4 wheels, 6 built 1878, converted from diagram 23 c.1883	-	1908	-	26	PT	-	-
16648 -27	Yeast Van	Length 16'0", 4 wheels, 6 built 1882	-	1908	-	27	PT	-	-
16648 -28	Sundry Van	Length 16'0", 4 wheels, 1 built 1880	-	1908	-	28	PT	-	-
16648 -28E	Horse Box	Length 20'2", 4 wheels, 50 built 1910-13	-	1910	-	28	PT	-	-
16648 -30E	Hound Van	Length 27'0", 4 wheels, 1 built 1880; converted from diagram 14660-402 12.92	-	1908	-	30E	PT	-	-
16648 -31E	Hound Van	Length 27'0", 4 wheels, 1 built 1892; converted from diagram 14660-402 12.01	-	1908	-	31E	PT	-	-
16648 -31E	Hound Van	Length 27'0", 4 wheels, 1 built 1892; converted from diagram 14660-402 Endorsed; retraced 12.33	-	1933	-	31E 6184	PT	-	-
16648 -32E	Sundry Van	Length 22'0", 4 wheels, 45 built 1888-93	-	1908	-	32E	PT	-	-
16648 -33	Sundry Van	Length 22'0", 4 wheels, 20 built 1888	-	1908	-	33	PT	-	-
16648 -36E	Bullion Van	Length 22'0", 4 wheels, 1 built 1893	-	1908	-	36E	PT	-	-
16648 -37E	Continental Luggage Van	Length 22'0", 4 wheels, 1 built 1897; converted from diagram 34	-	1908	-	37E	PT	-	-
16648- -37E	Luggage Van	Length 22'0", 4 wheels, 1 built 1897; converted from diagram 34; retraced	- .12.33	1933	-	37E	PT	-	-
16648 -38E	Continental Luggage Van	Length 22'0", 4 wheels, 1 built 1893; converted from diagram 34	-	1908	-	38E	PT	-	-
16648 -39E	Carriage Van	Length 31'4 ½", 6 wheels, 35 built 1910-12	-	1910	-	39E	PT	-	-
16648 -39E	Carriage Van	Length 31'4 ½", 6 wheels, 35 built 1910-12; retraced	- .12.33	1933	-	39E 6186	PT	-	-
16648 -40E	Milk Van	Length 31'4 ½", 6 wheels, 5 built 1910	-	1910	-	40E	PT	-	-
16648 -40E	Milk Van	Length 31'4 ½", 6 wheels, 5 built 1910 Endorsed: retraced 12.33	- .12.33	1933	-	40E 6187	PT	-	-
16648	Fruit Van	Length 27'0", 4 wheels, 75 built 1877-1883;	-	1910	-	41	PT	-	-

Miscellaneous Non-Passenger Rolling Stock 16648 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-41	Fruit Vans	converted from diagrams 14600-302, 402	-	1910	-	41	PT	-	-
16648 -41	Fruit Vans	Length 27'0", 4 wheels, 75 built 1877-1883; converted from diagrams 14600-302, 402	-	1910	-	41	PT	-	-
16648 -42E	Elephant Van	Length 21'0", 4 wheels, 1 built 1912	-	1912	-	42E 6189	PT	-	-
16648 -43E	Hound Van	Length 34'6", 1 built 1891; converted from diagram 14600-404 12.12	-	1912	-	43E 6188	PT	-	-
16648 -44E	General Van	Length 32'0", 6 wheels, 50 built 1913-15	-	1913	-	44E	PT	-	-
16648 -44E	General Van	Length 32'0", 6 wheels, 50 built 1913-15 Endorsed: retraced	- .12 33	1933	-	44E 6190	PT	-	-
16648 -45	General Van	Length 31'6", 6 wheels, 50 built 1880-85; converted from diagram 14600-200 1918	-	1918	-	45	PT	-	-
16648 -45E	General Van	Length 32'0", 4 wheels, 66 built 1926-27	-	1926	-	45E LNE Dia 86 & 87	PT	-	-
16648 -46	Bread Vans for Military Traffic	Length 27'0", 4 wheels, 75 built 1877-83; converted from diagram 41	-	1914	-	46	PT	-	-
16648 -48	Parcels Van	Length 50'0", 8 wheels, 14 built 1911-16 Endorsed: converted from AT3, 22 & 28 1920-21	- .2.20	1920	-	48	PT	-	-
16648 -48	Parcels Van	Length 50'0", 8 wheels, 14 built 1911-16, converted from AT3, 22 & 28 1920-21 Endorsed: retraced	-	1933	-	48 6192	PT	-	-
16648 -51	Parcels Van	Length 50'0", 8 wheels, 8 built 1910-16 Endorsed: converted from AT 3, 12, and 20 1920-23	-	1921	-	51 6194	PT	-	-
16648 -53E	Parcels Van	Length 54'0", 8 wheels, 81 built 1921-24; converted from diagrams 14600-237, 300,	-	1956	-	53E 6214	PT	-	-
16648 -54E	Motor Car Van	Length 54'0", 8 wheels, 65 built 1921-24; converted from diagrams 14600-104, 237,	-	1957	-	54E 6215	PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25598	Generic Number for Continental Wagons working on the LNER, each diagram having a sub number	3/16" to 1' diagram size 10" x 3 ½" showing outline side and end elevation, principal dimensions, brake types, weight empty, summary of restrictions and some constructional details							
-	Index	Index of the 9 principal types of wagon with schedule of LNER and SR diagram numbers	-	-	-	-	PT	-	-
-	General Restriction which Apply to all Continental Stock Working on the London & North Eastern Railway	Summary of restrictions	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 11, 12, 15, 17, 18, 24, 27 and 30	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 22, 33, 49, 51, 51, 53, 54, 58, 59 and 60	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 61, 63, 65, 67, 68 and 69	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 36, 38, 39, 40, 42, 44, 45, 48, 55 and 56	-	-	-	-	PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 19, 19, 19, 20, 21, 37, 46 and 47	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 29, 43 and 52	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 6 to 10, 13, 14 25, 31 and 35	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 32 and 57	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagram 5-	-	-	-	-	PT	-	-
-	-	Summary listing country of origin, vehicle type, numbers, LNER and SR diagram numbers, restrictions, brake details and remarks- Diagrams 64 and 66	-	-	-	-	PT	-	-
25598 -1	12 Ton Open Wagon without Caboose	Length 16'5 ¾", 4 wheels, 116 allocated; British built Copied from Dg No 23797E	- .9.25	1925	-		1 PT	-	-
25598	12 Ton Open Wagon with Caboose	Length 19'0", 4 wheels, 52 allocated; British built	- .9.25	1925	-		2 PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-2		Copied from Dg No 23940E							
25598 -3	12 Ton Covered Wagon without Caboose	Length 18'0", 4 wheels, 196 allocated; British built Copied from Dg No 23795E	- .9.25	1925	-		3 PT	-	-
25598 -4	12 Ton Covered Wagon with Caboose	Length 20'0", 4 wheels, 256 allocated; British built Copied from Dg No 23796E	- .9.25	1925	-		4 PT	-	-
25598 -5	15/20 Ton Covered Wagon with Caboose	Length 25'0", 4 wheels, 478 allocated 1925- 28, British Copied from Dg No 24813E	- .9.25	1925	-		5 PT	-	-
25598 -6	Italian Refrigerator Wagon "Breda"	Length 28'11", 4 wheels, 2 built 1925, Italian Copied from Dg No 25030E	- .9.25	1925	-		6 PT	-	-
25598 -6E	Italian Refrigerator Wagon "Breda"	Length 28'11", 4 wheels, 2 built 1925, Italian Copied from Dg No 25030E	- .9.25	1925	-	C.5050	6 PT	-	-
25598 -7	Italian Refrigerator Wagon	Length 28'11", 4 wheels, 20 built 1925; Italian Copied from Dg No 25578E	- .9.25	1925	-		7 PT	-	-
25598 -7	Italian Refrigerator Wagon	Length 28'11", 4 wheels, 20 built 1925; Italian Copied from Dg No 25578E	-	1938	-		7 PT	-	-
25598 -8	Italian Fruit and Vegetable Wagon	Length 28'11", 4 wheels, 10 built 1925; Italian Copied from Dg No 25537E	-11.25	1925	-		8 PT	-	-
25598 -9	Italian Motor Car Wagon with Caboose	Length 43'11 1/2", 4 wheels, 27 built 1925; Italian Copied from Dg No 25556E	- .11.25	1925	-		9 PT	-	-
25598 -10	Italian Motor Car Wagon without Caboose	Length 43'11 1/2", 4 wheels, 17 built 1925; Italian	- .11.25	1925	-		10 PT	-	-
25598 -11	S.A.T.I. Insulated Wagon	Length 20'0", 4 wheels, 13 allocated 1925- 30; Belgian Copied from Dg No 25679E	- .11.25	1925	-		11 PT	-	-
25598 -11	S.A.T.I. Insulated Wagon	Length 20'0", 4 wheels, 13 allocated 1925- 30; Belgian Copied from Dg No 25679E	-	1935	-		11 PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25598 -12	Sulphuric Acid Tank Wagon La Vieille Montagne	Length 20'8 ¾", 4 wheels, 12 built 1925-28; Belgian Copied from Dg No 25614E	- .11.25	1925	-	12 C.5080	PT	-	-
25598 -13	Italian Fruit & Vegetable Wagon (926647 to 926656)	Length 28'11", 4 wheels, 10 built 1926-28; Italian Copied from Dg No 25952E	- .11.25	1925	-	13 C.5055	PT	-	-
25598 -14	Italian Fruit and Vegetable Wagon (Insulated)	Length 28'11", 4 wheels, 10 built 1926-28; Italian	- .2.27	1927	-	14 C.5054	PT	-	-
25598 -14	Italian Fruit and Vegetable Wagon (Insulated)	Length 28'11", 4 wheels, 10 built 1926-28; Italian	- .2.27	1927	-	14 C.5054	PT	-	-
25598 -15	Sulphhydrate of Sodium Tank Wagon-Auvelais Chemical Company	Length 20'4 ¾", 4 wheels, 2 built 1926; Belgian Copied from Dg No 25981E	- .2.27	1927	-	15 C.5081	PT	-	-
25598 -16	15/20 Ton Covered Wagon without Caboose	Length 25'0", 4 wheels, 10 allocated 1926; British	- .2.27	1927	-	16	PT	-	-
25598 -17	Sulphuric Acid Tank Wagon-C. Van Epenhuysen	Length 21'4", 4 wheels, 1 built 1924; Belgian Copied from Dg No KS9811I	- .2.27	1927	-	17 C.5082	PT	-	-
25598 -18	Muriatic Acid Tank Wagon-Ebonite Lined	Length 23'3 ½", 4 wheels, 4 built 1928; Belgian Copied from Dg No 26872E	-	-	-	18 C.5063	PT	-	-
25598 -19	German Box Wagon with Caboose to Carry 15 Tons	Length 37'8 ¾", 4 wheels, 284 allocated 1927-28; German Copied from Dg Nos 26719E and 26720E	- .2.27	1927	-	19 C.5036	PT	-	-
25598 -20	German Refrigerator Wagon to Carry 15 Tons	Length 32'9 ¾", 4 wheels, 2 built 1925; German Copied from Cg No 8781A	- .5.28	1928	-	20 C.5083	PT	-	-
25598 -21	German Open Wagon with Caboose (Fitted with Stanchions) to Carry 15 Tons	Length 37'8 ½", 4 wheels, 40 built 1928-29; German Copied from Dg No 27616E	12.6.25	1925	-	21 C.5034	PT	-	-
25598 -22	20 Ton Covered Van	Length 25'0", 4 wheels, 10 allocated 1928-29; British	-	-	-	22 C.5002	PT	-	-
25598 -23	20 Ton Covered Wagon (Insulated) with caboose	Length 25'0", 4 wheels, 1 allocated 1928; British Copied from Dg No 24813E	-	-	-	23 C.5005	PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25598 -24	Purafina Tank Wagon to Carry 16 ½ Tons	Length 24'3", 4 wheels, 6 built Copied from Dg No 28594E	- .8.30	1930	-	24 C.5060	PT	-	-
25598 -25	Italian Ventilated Fruit, Vegetable & Motor Car Wagon	Length 28'11", 4 wheels, 40 built; Italian Copied from Dg No 28876E	16.12.29	1929	-	25 C.5056	PT	-	-
25598 -26	43 Ton Quadruple Bolster Wagon	Length 43'3 ¾", 8 wheels, 4 built Copied from Dg No 25005E	-	-	-	26	P	-	-
25598 -27	Societe Belge de L'azote-Ougree Nitric Acid Tank Wagon (Aluminium) to Carry 19 ½ Tons	Length 23'5 ½", 4 wheels, 4 built; Belgian Copied from Dg No 28585	-	-	-	27 C.5008	PT	-	-
25598 -28E	12 Ton Open Wagon (for Marble Traffic)	Length 16'6", 4 wheels, 5 allocated; British Copied from Dg Nos 23797E and 29370E	-	-	-	28	PT	-	-
25598 -29	Hungarian Refrigerator Wagon	Length 27'10 5/8", 4 wheels, 20 built; Hungarian Copied from Dg No 29121E	- 8.30.	1930	-	29 C.5045	PT	-	-
25598 -30	Tank Wagon for Vaseline	Length 23'9", 4 wheels, 2 built; Belgian Copied from Dg No 29234E	- .8.30	1930	-	30 C.5062	PT	-	-
25598 -31E	Italian Refrigerator Wagon	Length 28'5 ¾", 4 wheels, 350 built; Italian Copied from Dg No 30027E	-	-	-	31 C.5049	PT	-	-
25598 -32E	Italian Fruit & Vegetable Wagon	Length 28'6", 4 wheels, 600 built; Italian Copied from Dg No 29405E	-	-	-	32 C.5058	PT	-	-
25598 -33E	"Alter" Refrigerator Wagon	Length 43'7 5/8", 8 wheels, 2 built; Belgian Copied from Dg Nos 29429E and 28432E	- .12.31	1931	-	33 C.5016	PT	-	-
25598 -34E	15/20 Ton Covered Wagon with Caboose (with Extra Ventilation)	Length 25'0 ½", 4 wheels, 15 allocated; Belgian, British built Copied from Dg No 24813E Converted from Diagram 5; replaced by Diagrams Nos 59, 60 and 61	-	-	-	34	PT	-	-
25598 -35E	Italian Refrigerator Wagon (Non Caboose)	Length 26'3", 4 wheels, 350 built; Italian	-	-	-	35 C.5064	PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25598 -36E	French Refrigerator Car Co's Wagon	Length 25'5 ½", 4 wheels, 20 built; French Copied from Dg No 31012E; endorsed 'None passed by LNER'	-	-	-	36 C.5025	PT	-	-
25598 -37E	E.V.A. Creosote Tank Wagon	Length 23'7 ½", 4 wheels, 6 built; German	-	-	-	37 C.5038	PT	-	-
25598 -38E	Paris-Orleans Covered Wagon	Length 25'5 ½", 4 wheels, 390 built; French Copied from Dg No 30841E/15-16	-	1933	-	38 C.5065	PT	-	-
25598 -39E	Midi Rly of France Covered Wagon	Length 25'5 ½", 4 wheels, 250 built; French Copied from Dg No 30842E/2	-	1933	-	39 C.5021	PT	-	-
25598 -40E	French Cold Storage Co's Wagon (S.T.E.F.)	Length 30'3 ½", 4 wheels, 100 built; French Copied from Dg Nos 30996 and 30997	-	-	-	40 C.5026	PT	-	-
25598 -41	(20 Ton Open Wagons)	No diagram prepared, 28 built but not accepted due to weak crossbearers	-	-	-	41	-	-	-
25598 -42E	Paris, Lyons & Mediterranean Rly's Covered Wagon	Length 32'9 ¾", 4 wheels, 400 built; French Copied from Dg No 31377E	-	1933	-	42 C.5022	PT	-	-
25598 -43E	Hungarian Bogie Fruit Wagon	Length 52'3 ½", 8 wheels, 8 built; Hungarian Copied from Dg No 30930	-	-	-	43 C.5044	PT	-	-
25598 -44E	Acetic Acid Tank Wagon	Length 21'4", 4 wheels, French Copied from Dg No 32233E No wagons submitted for traffic	-	1934	-	44 C.5031	PT	-	-
25598 -45E	Chemins de Fer de L'etat Covered Wagon	Length 25'3 ½", 4 wheels, 30 built; French Copied from Dg Nos 32264E and 32265E	- .10.35	1935	-	45 C.5018	PT	-	-
25598 -46E	E.V.A. Refrigerator Wagon (German State Rlys)	Length 33'11 5/8", 4 wheels, 50 built; German Copied from Dg No 32661E	-	1936	-	46 C.5035	PT	-	-
25598 -47E	E.V.A. Live Fish Wagon	Length 43'10 5/8", 6 wheels, 1 built; German Copied from Dg No 30099E	-	1936	-	47 C.5037	PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25598 -48E	French Northern Rly Co's Covered Van	Length 25'5 ½", 4 wheels, 300 built; French Copied from Dg No 32698E	-	1937	-	48 C.5019	PT	-	-
25598 -49E	Artois Breweries' Insulated Wagon	Length 26'3", 4 wheels, 2 built; Belgian Copied from Dg No 40091	-	1936	-	49 C.5009	PT	-	-
25598 -50E	Bulgarian Refrigerator Wagon	Length 32'2", 4 wheels, ? built; Bulgarian Copied from Dg No 40103E	-	1936	-	50 C.5015	PT	-	-
25598 -51E	Belgian 15-Ton Open Wagon	Length 29'9 ¾", 4 wheels, 15 built; Belgian Copied from Dg No 32786E	-	1935	-	51 C.5005 C.5006A	PT	-	-
25598 -52	Hungarian Refrigerator Wagon	Length 39'10 3/8", 6 wheels, 1 built; Hungarian Copied from Dg No 40093E	-	1937	-	52 C.5047	PT	-	-
25598 -53	Belgian Refrigerator Wagon	Length 38'8 ¾", 4 wheels, 40 built; Belgian Copied from Dg No 40145E	-	-	-	53 C.5010	PT	-	-
25598 -54	20 Ton Covered Wagon with Caboose	Length 25'0", 4 wheels, 200 reconditioned from diagram 5 for grape traffic; Belgian Copied from Dg No 24813E	-	1937	-	54 C.5003 C.5004	PT	-	-
25598 -55	Paris, Lyons & Mediterranean Rlys 20 Tons Flat Wagon	Length 24'7 ¼", 4 wheels, 20 built; French Copied from Dg No 23796E My note: Reference to Dg No 23796E is erroneous	-	1937	-	55 C.5023	PT	-	-
25598 -56	Paris, Lyons & Mediterranean Rlys 20 Tons Tip Wagon	Length 25'0", 4 wheels, 30 built 1937 Copied from Dg No 32528E	-	1937	-	56 C.5020	PT	-	-
25598 -57	Italian Fruit and Vegetable Wagon (Non- Caboose)	Length 26'2", 4 wheels, 50 built; Italian	-	1937	-	57 C.5084	PT	-	-
25598 -58	20 Ton Covered Wagon	Length 25'0", 4 wheels, 1 converted from diagram 5; Belgian	-	1937	-	58	PT	-	-
25598 -59	20 Ton Covered Wagon	Length 25'0", 4 wheels, 14 converted from diagram 5; Belgian	-	1937	-	59	PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25598 -60	20 Ton Covered Wagon	Length 25'0", 4 wheels, 15 converted from diagram 5; Belgian	-	1937	-	60	PT	-	-
25598 -61	20 Ton Covered Wagon	Length 25'0", 4 wheels, 233 converted from diagram 5; Belgian	-	1937	-	61	PT	-	-
25598 -62	Ste Ame. Depont Brule Sulphuric Acid Tank Wagon	Length 22'1 ¾", 4 wheels, ? built; Copied from Dg No 30015	-	-	-	62	PT	-	-
25598 -63	20 Ton Covered Wagon	Length 25'0", 4 wheels, 14 converted from diagram 5; Belgian	-	1937	-	63	PT	-	-
25598 -64	Czecho-Slovakian Refrigerator Wagon	Length 35'3", 4 wheels, 10 built; Czechoslovakian Copied from Dg No 40483E	-	-	-	64	PT	-	-
25598 -65	Belgian Refrigerator Wagon	Length 35'0", 4 wheels, 120 built; Belgian Copied from Dg No 40145E	-	-	-	65	PT	-	-
25598 -66	Czecho-Slovakian Ventilated Wagon	Length 35'3 ¼", 4 wheels, 10 built; Czechoslovakian Copied from Dg No 40483E	-	1939	-	66	PT	-	-
25598 -67	Belgian 20 Ton Open Wagon	Length 25'0", 4 wheels, 30 built; Belgian Copied from Belgian Dg No 3769G	-	-	-	67	PT	-	-
25598 -68	Belgian 20 Ton Covered Wagon	Length 25'0", 4 wheels, 488 built; Belgian Copied from Belgian Dg No 3528G	-	-	-	68	PT	-	-
25598 -69	Belgian 15 Ton Covered Wagon	Length 24'1 ¾", 4 wheels, 500 built; Belgian Copied from Belgian Dg No 3771G	-	-	-	69	PT	-	-
25598 -70E	Italian Refrigerator Wagon (Non Caboose)	Length 26'3", 4 wheels, 300 built; Italian Copied from Italian Dg No 485551	-	-	-	70	PT	-	-
25598 -71E	Italian Refrigerator Wagon (Non Caboose)	Length 26'3", 4 wheels, 300 built; Italian Copied from Italian Dg No 491230	-	1948	-	71	PT	-	-
25598 -72E	Polish and Czechoslovakian Covered Wagon (ex Unrra)	Length 25'5 ½", 4 wheels, 104 built; Polish/Czechslovakian Copied from Metro-Cammell Dg No A6080	-	1948	-	72	PT	-	-

Continental Wagons Working on the LNER Ferry 25598 Series Diagrams List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
25598 -73E	Hungarian Refrigerator Wagon (Non Caboose)	Length 33'5 ½", 4 wheels, 35 built; Hungarian Copied from Hungarian Dg No 610-241854	-	-	-	73	PT	-	-
25598 -74E	German Tank Wagon with Caboose	Length 24'7 ¼", 4 wheels, 3 built; German Copied from German Dg No WH167	-	-	-	74	PT	-	-
25598 -75E	French Tank Wagon (Non Caboose)	Length 21'0", 4 wheels, 2 built; French Copied from French Dg No 501	-	-	-	75	PT	-	-
25598 -76E	German Tank Wagon with Caboose	Length 24'7 ¼", 4 wheels, 18 built; German Copied from German Dg No 14-115b	-	-	-	76	PT	-	-
25598 -77E	B.R. (E) Insulated Wagon	Length 28'11", 4 wheels, 1 built; British Altered from diagram 6E	-	-	-	77	PT	-	-

Colne Valley & Halstead Railway Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
-	Ordnance Survey Sheet Essex 86.1 & London Sheet 6.1	1/2500 scale sheets covering the whole of the Stratford Works area, GER ownership	Edition 1916	1915	-	-	P	460	2
-	Ordnance Survey Sheet Middlesex 12.1,12.2, 12.5 & 12.6	1/2500 scale sheet including Bounds Green, Alexandra Palace and Hornsey, with part of	Edition 1914	1913	-	-	P	460	2
-	General Arrangement of Single Express Engine	1½" to 1' sectional side elevation and half plan of 2-2-2 engine Also Dg No 7890	- .4.89	1889	D27	-	PB-C	296	-
-	Adams Patent Vortex Blast Pipe for Engines M15 Class	3" to 1' sections of blast pipe with full size details of orifice Also Dg No 7214	29.6.86	1886	M15	F4	CI-C	297	-
-	C14 Class Class Fitted with Morton's Patent Valve Gearing-Motion Arrangement	3" to 1' side and end elevations and half plan of motion My comment: some small loss of detail Also Dg No 8367	30.10.91	1891	C14	-	TI-C	297	-
-	(untitled)	Unscaled side and front elevation of Claud Hamilton in original condition and as rebuilt and named Frederick the Great My comment: a works joke, Frederick the Great referred to Fred Russell designer of Claud Hamilton, photograph SX1417 in the Stratford Collection shows this engine as rebuilt and so named temporarily at the time of Russell's retirement	-	1932	-	D16/3	TC-I	297	-
-	Diagram of Lengths in the Metropolitan and Suburban Parishes	Copy of Land Agents plan LA37276 received 2.5.10, torn into two parts, showing parish boundaries and track mileages * an unmounted lithograph My comment: there are errors which have been corrected in ink	2.5.10	1910	-	-	*	297	-
-	London & North Eastern Railway-Southern Area	8 miles to 1" Waterlow map of system My comment: no reference numbers * an unmounted lithograph	-	-	-	-	*	297	-

Colne Valley & Halstead Railway Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
878	Tube Tester Coppersmiths Shop-Alteration to Pump	1" to 1' outline arrangement of machine and 6" to 1' elevation and section of tester Also Dg No 9329	7.12.94	1894	-	-	CI-C	296	-
987	Boyer Pneumatic Drill	Full size undimensioned sections and plan of drill My comment: a masterpiece of draughtsmanship	-	1895	-	-	CI-C	296	-
1006	Water Crane for New Shed for Works Engine 'A'	1½" to 1' side elevation of crane, full size details of components and small scale locational plan	- .3.96	1896	-	-	CI-C	296	-
1033	Delivery Valve for Pumps-Hydraulic Installation	6" to 1' section and plan of valve and full size details of components Endorsed: Shop Copy to Dg No 9667 has alterations not shown on here (A.Y.) My comment: AY was Arthur Younger, latterly in charge of the Drawing Office Store Also Dg No 9667	- .3.96	1896	-	-	CI-C	296	-
1035	Spring Release Valve for Hydraulic Installation	Full size elevations, section and plan of valve	30.3.96	1896	-	-	CI-C	296	-
1066	General Arrangement and Details of 2½ Tons Jib Cranes for Iron Foundry	1" to 1' general arrangement of crane with 17' jib and full sizedetails of components Also Dg No 9762	2.6.96	1896	-	-	CI-C	296	-
1079	Special Expander for 1½In Boiler Tubes	Full size sectional elevations of expander	14.7.96	1896	-	-	CI-C	297	-
1131	4In Hydraulic Stop Valve for Hydraulic Installation	6" to 1' elevation, section and plan of valve and full size details of components	- .12.96	1896	-	-	CI-C	296	-
1136	1½In Relief Valve for Hydraulic Installation	6" to 1' sections and plan of valve and full size details Also Dg No 9973	21.12.96	1896	-	-	CI-C	296	-
1141	Valve for Connecting Small Accumulators	Full size elevations and sections of valve and components and	12.96	1896	-	-	CI-C	296	-

Colne Valley & Halstead Railway Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
1141	with the Hydraulic Pressure Main	Instructions Also Dg No 9980	12.96	1896	-	-	CI-C	296	-
1165	Hydraulic Lift for Hair Shop	¾" to 1' elevation of superstructure, section and plan of lift machinery below floor level and 3" to 1' details of components Also Dg No 9977	2.97	1897	-	-	CI-C	296	-
1196	Hydraulic Flanging Press	3" to 1' elevation and section and details of components Endorsed: not T. Mills (i.e. Temple Mill Wagon Works) Also Dg No 10121	4.97	1897	-	-	CI-C	297	-
3641	Ordnance Survey Sheet	6" to 1' scale of Stratford Works and station area, ink additions to show sewers	1869	1867	-	-	P	460	2
4407	Ordnance Survey Sheets London Sheet 8.1, 8.2, 8.5 & 8.6	1/1056 scale composite plan of Stratford Area with pencil additions to c.1910 including gas works extension, removal of the wagon shops and additional sidings at Channelsea and a lead into what became Fork Junction carriage sidings	1892-6	1894-98	-	-	P	460	2
4510	Heacham	1 chain to 1" Land Agents survey of Heacham and immediate environs	11.97	1897	-	-	P	297	-
4511	Whitemoor Locomotive Yard	1 chain to 1" Land Agents survey from March North box to locomotive Depot * a mounted lithograph uncoloured	10.1.11	1911	-	-	*	297	-
4513	Trowse	1 chain to 1" Land Agents survey from Lower Junction to Swing Bridge Endorsed: revised 10.10	7.00	1900	-	-	P	297	-
4514	Norwich Victoria	1 chain to 1" Land Agent's survey of station, yards and approaches	1.08	1908	-	-	P	297	-
6494	Tern Deoiling Plant- London & South Western Railway Locomotive Department, Eastleigh	Unscaled sectional view of plant with a smaller scale plan showing the equipment and a reference panel * a mounted lithograph uncoloured	20.2.18	1918	-	-	*	297	-

Colne Valley & Halstead Railway Drawings List

Drawing No.	Title of Drawing	Description	Date	Year	Order No.	Class/ Diagram	Drawing Type	Roll No.	Condition
7058	Great Northern and Great Eastern Railways Joint Lines-Diagram of Distances	A diagrammatic map of line from Sleaford to north of Doncaster * a mounted lithograph with colour	-	1910	-	-	*	297	-

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
-	ECR 3 rd Class Parliamentary Carriage	Reproduced from an engraving	c.1845	-	-	3853
-	Yarmouth & Norwich Railway 3 rd Class Parliamentary Carriage	Reproduced from an engraving	c.1845	-	-	3867
-	General Arrangement of 2-4-0 Goods Engine-Sinclair	1½" to 1' side and end elevation, section and half plan of engine	- .5.61	Y	-	5494
-	General Arrangement of 2-4-2 Tank Engine	Reproduced from plate in Railway Engineer June 1894	- .6.94	C32	F3	13707
131LF	Arrangement for Burning Liquid Fuel on Engine No 281	1½" to 1' elevations and plan of apparatus	- .6.86	T18	J66	SX131LF
202	First Class Carriage	1½" to 1' part side elevation with sections and plan of 23' long body with 4 compartment on 22'8" iron underframe, 12'0" wheelbase	30.12.51	-	-	13109
229LF	Arrangement of Liquid Fuel Apparatus-Holden's Patent-on Boiler for Torpedo Boat Ardjoeno	1½" to 1' sectional view of boat and firebox and front of boiler	29.7.97	-	-	SX229LF
267LF	Liquid Fuel Filling Posts	1½" to 1' arrangement of column, valve and foundation and 6" to 1' details of fittings	11.5.98	-	-	SX267LF
290LF	Arrangement of Liquid Fuel Burning Apparatus on Standard Single Express Locomotive-Holden's Patent System	¾" to 1' elevation of engine No 1004, plan and section of apparatus	17.8.97	F32	-	SX290LF
335LF	Liquid Fuel Storage at Stratford General Arrangement	1/8" to 1' layout of elevated and underground tanks and fuelling stage	2.2.00	-	-	SX335LF
341LF	Four Wheels Coupled Bogie Express Locomotive Burning Liquid Fuel-Holden's Patent System	¾" to 1' presentation standard drawing with cut away elevations and plan of engine No 1900	- .4.00	S46	D14	SX341LF
374LF	Holden's Patent Improved Liquid Fuel Injector	Full size detailed sectional elevations and plan	-	-	-	SX374LF
380LF	Arrangement of Liquid Fuel on Four Coupled Tank Loco-Holden's Patent	1" to 1' outline elevations and plan of 0-4-4 tank loco and sectional views of apparatus	- .2.02	-	-	SX380LF

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
1140	General Arrangement of Horse Box	1" to 1' side elevation, sections, half elevation and sectional plan of 16' body with dog boxes, 9' wheelbase	20.9.61	-	-	13107
1312	1 st & 2 nd Composite	1" to 1' side and end elevation, section and half plan of 24' 4 compartment body	- .2.58	-	-	9952
1345	Arrangement of Goods Brake Van	1½" to 1' arrangement of 16' van with veranda, 9' wheelbase with sections and sectional plan, no underframe details, average weight 5 tons 18 cwt	6.10.58	-	-	13108
1445	Apparatus for Superheating Steam for Goods Engines as Used on the Eastern Counties Railway 1860	3" to 1' undimensioned elevations of apparatus	13.12.04	-	-	SX1445
1449	General Arrangement of Tank Engines with 12Ins Cylinders	1½" to 1' sectional elevations and half plans of 0-6-0T engine with 18'11½" frame	9.3.60	-	-	13106
1514	Arrangement of Goods Engines with 17Ins Cylinders (Class Y)	1½" to 1' sectional elevations and half plans of 2-4-0 engine with 24'6" frame	2.11.60	Y	-	13105
1633	ECR Company Arrangement of Express Engines with 16" Cylinders Class W	1½" to 1' sectional side and end elevations, tracing made c.1900	5.8.62	W	-	SX1633 (2 fiche)
1765	Third Class Carriage	1" to 1' side and end elevation, section and half plan of 24' 5 compartment body	- .10.62	-	-	9958
1807	Royal Saloon	1" to 1' side and end elevation, section and half plan of 26' body on 6 wheel underframe	- .4.63	-	-	9957
1865	Arrangement of Tank Engines Class U	1½" to 1' sectional side elevation and plan of 2-4-2T engine	19.9.63	U	-	13102

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
1880	First Class Carriage	1" to 1' side and end elevation, section and half plan of 21' 3 compartment body	- .11.63			9955
1929	Horse Box	1" to 1' side and end elevation, section and half plan of 16' body	- .1.64			9954
2094	General Arrangement of Passengers Luggage Van	1" to 1' side and end elevation, sections and half plan of body and underframe 21'0" long with birdcage, 12'0" wheelbase	15.9.65	-	-	13104
2098	Spencers Patent Feed-Water Heater-As Applied to Goods Engines Class Y	3" to 1' sections of dome showing apparatus inside three plan views	20.10.65	Y	-	13110
2133	Arrangement of Six Wheels Coupled Goods Engine	1 1/2" to 1' sectional side elevation and plan of 0-6-0 engine, Nos 437 to 456 makers The Worcester Engine Co	23.10.66	417	-	13103
2275	Arrangement of Smokebox for Four Wheels Coupled Passenger Engines No 1 Engines	3" to 1' sectional elevations of smokebox for engine Nos 1-6, 26-29, 31-36, 42-50, 103-108, 110, 112-115, 117, 118, 140 & 161 and ordered 14.68	14.12.66	No 1	-	13114
2282	Arrangement of Firebox Fixings for Four Wheels Coupled Engines No 1 Class	3" to 1' elevations of firebox and exterior and interior of cab with fittings for engine Nos 1-3, 26, 28, 29, 31-36, 42-50, 103-108, 117, 118, 140 & 161 and full size	11.1.67	No 1	-	13113
2314	General Arrangement of Six Wheels Coupled Shunting Engine	1 1/2" to 1' sectional elevations and half plans of 0-6-0T with 22'6" frame	25.5.67	204	-	13116
2345	Arrangement of Four Wheels Coupled Engines (Neilson & Co)	1 1/2" to 1' sectional elevation and plan of 2-4-0 engine, Nos 125-129	10.4.67	125	-	13112
2509	Four Wheel Coupled Passenger Branch Engine No 1 Class	1 1/2" to 1' sectional elevations and plan of 2-4-0 engine	8.4.68	No 1	-	13115
2634	Horse Box	1" to 1' side and end elevation, section and half plan of 14' 1" body	- .3.69			9953
2855 Part	Diagram of Tender of No 477 Class	1 1/2" to 1' outline general arrangement with principal dimensions and sectional side elevation	18.2.13	T26	E4	SX2855 Part

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
2858	General Arrangement of Six Wheels Coupled Engine	1 ½" to 1' sectional elevations and half plans of 0-6-0 Nos 477-526	- .7.71	477		13169
2929 -3	Water Cranes	Side elevation of two similar water cranes with cast columns and horizontal arms, drawing by Johnson & Ellington, Chester	-	-	-	SX2929 -3
2929 -5	Wrought Iron Carriage Traverser 4ft 8½in gauge	1" to 1' plan, elevations and sections of traverser Copied from tracing supplied by Hydraulic Engineering Co. Ltd, Chester	- .2.75	-	-	11088
3126	Bogie Express 275 & 291	1½" to 1' sectional elevations and plan of 4-2-2 engine	24.9.72	W	-	13101
3161	General Arrangement of Express Engine No 292	1½" to 1' sectional elevations and half plan of 2-2-2 engine	- .12.72	W	-	13117
3335	Batten Wagon Class C30	1½" to 1' general arrangement of 22' 10" long wood framed two bolster wagon with 12' wheelbase	30.1.94	C30	30W	SX3335
3911	General Arrangement of Gunpowder Van	1½" to 1' general arrangement of body of 16'8" iron plated van	- .11.93	-	-	SX3911
3948	General Arrangement of 0-4-4T Engines Nos 76-80, 221-225	1½" to 1' sectional elevations and half plan of 0-4-4 tank engine	- .9.76	61		13170
4539	General Arrangement of 2-6-0 Engines	1½" to 1' sectional elevations and half plan of 2-6-0 engine	- .-.79	527		13111
4959	Bogie for Tank Engines ---- No 61 to 75 (?) 211 to 220 (No 76 to 80, 221 to 225) to Red	3" to 1' general arrangement of bogie for 0-4-4 tank	28.5.79	61	-	SX4959
5037	Engine No 1570 Superheater	6" to 1' transverse section and plan of superheater only		1570	-	SX5037
5043	General Arrangement of Ballast Wagon	1½" to 1' general arrangement of 11'2" long 2 plank dumb buffer wagon; altered 16.10.85	4.8.85	-	39W	SX5043

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
5192	General Arrangement-Express Engines Nos 245-254	1½" to 1' sectional side elevation and plan of 4-2-2 engine My comment: some damage to right hand side of tracing but no loss of detail	- .8.79	245	-	1161
5288	General Arrangement of Tenders for Express Engines Nos 245-254	1½" to 1' arrangement of 3066 gallons capacity tender	- .8.79	H14	-	10642
5347	Westinghouse Automatic Brake for Engines and Tenders Nos 305 & 306	1½" to 1' elevations and plan of brake arrangement on outline of engine	21.10.79	C8	-	SX5347 (2 fiche)
5402	Arrangement of Westinghouse Brake for Sinclair's Express Nos 284, 285 and 288	1½" to 1' arrangement shown in relation to outline of engine	4.11.79	W	-	SX5402
5403	Details of Westinghouse Brake for Sinclair's Express Engines Nos 284, 285 and 288	3" to 1' details of components required; altered 10.9.80	19.11.79	W	-	SX5403
5449	Underframe for 31'6" Carriage Stock with Westinghouse Automatic Brake	1" to 1' arrangement of 6 wheel underframe with brake gear	13.1.80	-	-	1045
5453	Centre Carriage Axlebox	Full size elevations and plan of axlebox type 'D'	7.11.92	-	-	SX5453
5484	Standard Wagon Axlebox 'A'	Full size elevations, plan and sections for journal 8" x 3¾"; altered for 10 Ton Machine truck 21.8.82	12.4.80	-	-	SX5484
5514	General Arrangement of Wool Wagon	1" to 1' general arrangement of 22'10" wagon; for alteration to D&P794 and N26 see Dg No 7928	10.6.80	-	11W	SX5514
5515	Details of Ironwork for Wool Wagon	3" to 1' details of components, brake gear one side only	- .6.80	-	11W	SX5515
5732	General Arrangement of 10 Ton Goods Brake	1½" to 1' general arrangement of 16' van, 9' wheelbase	23.5.82	-	-	1347
5758	General Arrangement Six Wheels Coupled Goods Engines Nos 552-561	1½" to 1' elevations and plan	24.8.81	552	-	1312

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
5763	Bogie Tank Engines Nos 140-149-General Arrangement	1½" to 1' sectional side elevation and plan of 0-4-4 tank Copy of R&W Hawthorn & Co drawing	20.7.81	140	-	1309
5955	General Arrangement of Carriage Truck	1½" to 1' general arrangement of 16' wood framed open truck	27.2.82	-	3M	1376
5960	Combined Mail, Drivers & Brake Van	1½" to 1' general arrangement of 16' goods brake	21.4.82	N14	-	1374
5963	First Class Carriage with 6 Wheels	1" to 1' general arrangement of 31'6" carriage with 4 compartments	21.2.82	-	102C	10180
5964	General Arrangement of Composite Carriage with Six Wheels	1" to 16 general arrangement of 31'6" carriage with 4 compartments and luggage compartment	23.2.82	-	200C	10182
5965	Second Class Carriage with Six Wheels	1" to 1' general arrangement of 31'6" carriage with 5 compartments	2.3.82	-	303C	10181
5966	Third Class Carriage	1" to 1' general arrangement of 5 compartment carriage; cancelled see Dg No 6229 22.1.83	21.3.82	-	402C	1375
5967	Arrangement of Round Ended Goods Wagon	1 ½" to 1' arrangement of 15' 3 plank open wagon with rounded ends	6.10.83	-	-	1310
5979	First Class Carriage with Four Wheels	1" to 1' general arrangement of 27' carriage with 4 compartments	25.3.82	-	100C	10179
5980	Second Class Carriage	1" to 1' general arrangement of 5 compartment carriage	21.3.82	-	302C	1370
5981	Third Class Carriage-Suburban	1" to 1' general arrangement of 27' carriage with 5 compartments	24.3.82	-	402C	10178
5982	Suburban Composite Brake Van	1" to 1' general arrangement of 27' 2 compartment brake third	25.3.82	-	503C	1369
6073	General Arrangement-Four Wheels Coupled Express Engine	1½" to 1' sectional side elevation and plan of 2-4-0 engine	23.2.83	G14	-	1160

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
6124	Main Line Brake	1" to 1' general arrangement of body and underframe of 27'0¾" brake	14.6.82	VI3	508C	11076
6125	~~General Arrangement of High Sided Wagon 15' 4" Over Headstocks 9Ft 6Ins Centres of Wheels 1882 Stock~~	1½" to 1' general arrangement of 15' 4 plank wagon	16.6.82	-	-	SX6125
6127	General Arrangement of Covered Goods Wagon	1½" to 1' general arrangement of 16' van	20.6.82	-	-	SX6127
6132	Two Horse Omnibus	1½" to 1' arrangement of bus, body 8'3" over mouldings	5.7.82	-	-	SX6132
6134	~~General Arrangement of Cattle Wagon 15' 4" Over Headstocks, 10Ft 6Ins Wheel Centres 1882 Stock~~	1½" to 1' general arrangement drawing.	14.7.82	PI4	6W	SX6135
6137	Composite Lavatory Carriages 34ft Long	1" to 1' outline elevation and plan of body	11.7.82	-	201C	SX6137
6138	One Horse Omnibus	1½" to 1' general arrangement of bus with 5'6½" body with interior details	14.7.82	-	-	11081
6139	Six Wheels Coupled Goods Engines 17½in Cylinders 24in Stroke, Wheels 4ft 10ins Diameter Y14, K15	1½" to 1' side elevation and plan of engine. My comment: tracing damaged part of side elevation of bunker missing	- .7.82	Y14 K15	J15	11079
6141	Six Wheels Coupled Goods Engines 37-41, 119-124, 592-599 Y14, K15-Boiler	1½" to 1' general arrangement of boiler, full size riveting details	9.2.84	Y14 K15	J15	SX6141 (2 fiche)
6143	~~Six Wheels Coupled Goods Engines 37-41, 119-124, 592-599 Y14-Arrangement of Cylinder Cock and Sand Box Gear, Clothing, Hand Rail Pillars, Injectors~~	1½" to 1' general arrangement; altered 11.10.99	8.1.83	Y14	J15	SX6143 (2 fiche)
6149	Six Wheels Coupled Goods Engines 37-41, 119-124, 592-599 Y14, K15-Cab	1½" to 1' arrangement and full size details of cab; altered 6.11.83 and 1.2.89	3.11.82	Y14 K15	J15	SX6149
6155	Six Wheels Coupled Goods Engines 37-41, 119-124, 592-599 Y14, K15-Cast Iron Hind Platform	3" to 1' arrangement shown in relation to trailing wheel and end of frame; altered 27.2.83 and 25.4.96	15.9.82	Y14 K15	J15	SX6155
6156	Six Wheels Coupled Goods Engines Nos 37-41, 119-124, 592-599 Y14, K15-Arrangement of Motion	3" to 1' elevations and plan of motion, less cylinders. 4'10" wheels	7.11.82	Y14 K15	J15	11080

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
6229	Main Line Composite Brake	1" to 1' general arrangement of 27' brake third body	1.8.82	-	507C	10655
6231	Special Saloon Carriage	½" to 1' elevation and plan of 45' body Endorsed: not carried out	24.7.82	-	-	1350
6243	Arrangement of Bolster Timber Wagon 7Ft Centres of Wheels 1882 Stock	1½" to 1' general arrangement, length 12'2"	8.9.82	C14	-	1349
6262	General Arrangement of 12 Ton Machine Truck 18Ft over Headstocks 1882 Stock	1½" to 1' elevations, plan and section of 18' wagon with timber frame	13.10.82	-	23W	1311
6265	General Arrangement of Water Column	1½" to 1' arrangement of column 16'9" high; for foundations see Dg No 6732	8.11.82	-	-	SX6265
6270	Special Saloon Carriage	½" to 1' outline elevations and plan of 50' 8 wheeled saloon. Endorsed: not carried out	- .11.82	-	-	1313
6279	General Arrangement of Horse Box	1" to 1' arrangement of 16' body with sections	21.2.83	-	15M	1321
6280	Special Saloon Carriage No 10	½" to 1' exterior elevations of 53' saloon, longitudinal section and plan of interior arrangement Note: the 6 wheel bogies have been cut out of tracing, not erased	18.12.82	-	8C	SX6280
6369	General Arrangement-Tram Engine	1½" to 1' detailed elevations and plan, 16'6" frame My comment: tracing torn but no loss of detail	19.11.83	G15	Y6	1343
6369 Part	Arrangement of Smokebox End of Tram Engine	1½" to 1' sectional end elevation	26.11.83	G15	Y6	1322
6390	Diagram of East London Railway and Connections	Diagrammatic layout of running lines and connections, intended to be coloured to denote the 7 separate ownerships	- .11.84	-	-	1342

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
		Copy of East London Railway plan dated 28.11.84				
6427	General Arrangement of Cattle Waggon 16Ft	1½" to 1' general arrangement	13.9.83	-	3W	SX6427
6627	GER Parkeston Engine Shed, etc.	1" to 8' plan and elevations of 4 road shed	-	-	-	I044
6628	Yarmouth Vauxhall Proposed New Engine Shed	1/8" to 1' plan and elevation of shed to amended length 180'. Copy of Engineers plan No 16500 25.5.83	- .5.83	-	-	I147
6649	Arrangement of Whole Sided Door Wagon	1½" to 1' general arrangement of 16' dropside 3 plank wagon, 9'6" wheelbase, 1'9" deep	1.9.83	-	-	SX6649
6673	Four Wheels Coupled Tank Engines Class M15-Tanks, Cab and Coal Bunker	1½" to 1' detailed arrangement and plate dimension; superseded by Dg No 1501112.6.07 for class C59	15.7.83	M15 C59	F4	I1078
6675	Four Wheels Coupled Tank Engines Class M15-Boiler	1½" to 1' boiler arrangement on outline of frame, full size details of riveting	27.6.85	M15	F4	I1084
6684	Four Wheels Coupled Tank Engines Classes M15 & E16-Arrangement of Joy's Valve Gear	3" to 1' elevations and plan, including cylinders	23.2.85	M15 E16	F4	I1085
6707	General Arrangement of Four Wheels Coupled Tank Engines	1½" to 1' detailed side elevation and plan of engine	10.10.84	G16	-	I325
6724	Main Line Brake Van and Third Class Carriage	1" to 1' general arrangement of 2 compartment 27' brake third with bird cage roof	24.9.83	-	504C	SX6724
6799	General Arrangement of Compound Express Engine	1½" to 1' sectional side, end elevation and plan of engine	1.1.85	G16	-	I378
6829	Luggage Van Wisbech Tramway	1" to 1' general arrangement of van and underframe; built 1884	- .2.95	Y16	604C	SX6829
6838	Foulsham Shed	¼" to 1' elevations and plan of single road shed 92'9" long with 7,600 gallons water tower	29.4.84	-	-	I362
6847	28Ft Bogie Tramcar	1" to 1' general arrangement of body and bogies; corrected and redrawn 12.2.95, further revised 8.4.03	12.2.95	A17	602C 603C	SX6847 (2 fiche)

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
6848	Arrangement of Bogie for 28Ft Tramcar	1 1/2" to 1' elevations and plan of 4 wheel bogie with timber frame wheelbase 4'6" with 6 spoke wheels 2' 6" diameter	15.7.84	A17	603C 604C	SX6848
6850	Tramcar	1" to 1' general arrangement of 4 wheel composite tramcar 17'11" over body	1.5.88	A17	602C 603C	1364
6858	Buffer for Tramcars	Full size sectional elevation and end elevation of self contained buffer type R	29.5.84	-	600-3C	SX6858
6868	Standard Dome Casing	Full size half sectional elevation	7.7.84	-	-	SX6868
6892	Main Line 31Ft 6In Brake Class K16	1" to 1' general arrangement of 6 wheel carriage	25.8.84	K16	506C	1344
6895	Plateglass Trolley GNR	1 1/2" to 1' general arrangement of 12' long horse drawn trolley to carry crates of glass in upright position	- .9.84	-	-	1346
6899	General Arrangement of 19Ft Egg Truck	1 1/2" to 1' general arrangement of 19' wood framed wagon 10'6" wheelbase and full size section through crib rail; superseded by Dg No 6899 3.98	- .11.84	C18	13W	1345
6899	General Arrangement of 19Ft Egg Truck	1 1/2" to 1' general arrangement of 19' wood framed open top truck	- .3.98	148	13W	1368
6921	Main Line Composite Carriage	1" to 1' general arrangement of 34' body and interior plan	14.11.84	F16	202C	10649
6927	Traverser for Norwich	1" to 1' general arrangement of 28' traverser on 4' diameter wheels; for details see Dg No 6928	- .11.84	-	-	10650
6935	Arrangement of Westinghouse Brake for Engines Nos 11-19, 81-86	1 1/2" to 1' arrangement of brake gear shown on outline elevations and plan of engine	- .4.85	T7	-	SX6935 (2 fiche)
6937	Proposed One Horse Omnibus	1 1/2" to 1' side elevation of bus with 5'6 1/2" body and half end sectional view of body	12.12.84	-	-	1317

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
6944	General Arrangement of Third Class Carriage 34Ft Stock	1" to 1' general arrangement of 34'0" body with sectional views of interior and half plan of wooden underframe with writing details My comment: small part of end elevation missing	9.2.85	M17	403C	I320
6959	Royal Mail Van	1" to 1' general arrangement of 34' body with half interior plan and half plan of underframe; for internal arrangement see Dg No 6960	18.4.85	E18	703C	I319
6960	Royal Mail Van-Internal Arrangement	1" to 1' detailed interior elevations of 34'2½" van; for outside view see Dg 8080	22.4.85	E18	703E	SX6960
6970	Arrangement and Details of Brakework for Cattle and Covered Goods Wagons 9Ft Wheelbase	1½" and 3" to 1' arrangement of underframe and ironwork details	20.2.85	-	-	SX6970
6978	Arrangement of Covered Carriage Truck	1½" to 1' general arrangement of 16' body and underframe	- .3.85	L11	8M	I104
6995	12 Tons Accident Crane	6" to 1' general arrangement of 6 wheel crane 20'4" over headstocks 12' wheelbase	1.6.85	-	-	I128
7008	General Arrangement of Tender for Express Engines	1½" to 1' arrangement of 6 wheel tender capacity 2,755 gallons	11.7.85	Z14	-	I129
7015	Agricultural Engine Truck	1½" to 1" general arrangement of 12 ton 25'6" truck, 20' wheelbase	4.12.85	-	25W	SX7015 (2 fiche)
7062	Condensing Arrangement in Smokebox Fitted to Engines Nos 101, 588 (X13 Class)	3" to 1' arrangement shown in relation to smokebox	6.6.01	X13	-	SX7062
7064	Arrangement of Condensing Apparatus Fitted to Engines Nos 101 & 588 (Ex 30 Class)	1½" to 1' showing apparatus in relation to part sectional side elevation and plan of engine My comment: drawing appears to be unfinished	6.6.01	E10	-	SX7064
7065	Fish Van	1½" to 1' general arrangement of 4 wheeled open	- 1.86	-	-	SX7065

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
7005	Parcel Road Van	road van 8'6" body	- .1.86	-	-	(2 fiche)
7114	Six Wheels Coupled Tank Engines Class T18-Boiler	1½" to 1' arrangement of boiler with full size riveting details	26.1.91	T18	J66	SX7114 (2 fiche)
7188 Part	Standard Jib Water Crane	1½" to 1' arrangement of crane 13'6" to centre of arm, 3" to 1' details My comment: tracing damaged, otherwise complete	12.3.01	-	-	10647
7188	Standard Jib Water Crane and Foundation	1½" and 3" to 1' general arrangement of crane and underground valve and details of fittings	28.11.21	-	-	SX7188 (2 fiche)
7199	Sinclair's Four Wheels Coupled Engines Westinghouse Break	1½" to 1' outline of 2-4-0 engine showing arrangement of brake operating on inside of driving wheels	14.5.86	-	-	SX7199 (2 fiche)
7199	Sinclair's Four Wheels Coupled Engines Westinghouse Break	1½" to 1' outline of 2-4-0 engine showing arrangement of brake operating on inside of driving wheels	14.5.86	-	-	SX7199 (2 fiche)
7204	Ballast Wagon with Steel Underframe	1½" to 1' general arrangement of 12' 3 plank open, steel frame and dumb buffers with full size detail of single fixed end; altered 24.6.98	8.4.95	S43	40WV	1348
7258	Four Wheels Coupled Express Engines-Smokebox	3" to 1' sectional end elevation of smokebox and cylinders	- .3.88	T19	D13	SX7258
7297	Parcel Road Van	1½" to 1' general arrangement of 4 wheeled van with 6'6" body Copy of LB&SCR Dg No 2779 dated 7.4.79	- .10.86	-	-	1106
7303	Liquid Fuel Tank D&P No 9	3" to 1' elevations, sections and plan of shaped rectangular tank to fit across top of tank engine bunker. 7' 6" long, 2' 4 ½" maximum width and 2' 3"	7.10.86	M15	F4 F5	SX7303
7324	2 nd & 3 rd Class Saloons	1½" to 1' general arrangement of 34' 6" 6 wheel saloon Microfilmed from a coloured print	- .3.87	B20	10C	9962

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
7417	Standard Pair Horse Van	1½" to 1' general arrangement of 4 wheel van, length 11'10"; cancelled see Dg No 9430	20.4.87	-	-	SX7417
7417 A	Pair Horse Van	1½" to 1' general arrangement, body 11'9½"; cancelled see drawing No 9430 3.7.95	15.12.91	-	-	SX7417 A
7425	Arrangement of High Sided Goods Wagon	1½" to 1' general arrangement of 15' wood framed open wagon; altered 10.11.93; cancelled 15.12.99	26.5.87	-	16W	SX7425
7511	G.W.R. Snow Plough	1½" to 1' arrangement of plough mounted on front buffer beam	17.6.87	-	-	10184
7605	General Arrangement of Four Wheels Coupled Express Engine	1½" to 1' sectional side elevation and plan of 2-4-0 engine	22.2.88	T19	D13	1367
7631	Horse Box X20	1" to 1' general arrangement of 16'8" body; for underframe see Dg No 8983 dated 1.6.94,	29.2.88	X20	16M	SX7631
7632	Horse Box X20	1" to 1' general arrangement of 16'8" body	29.2.88	X20	16M	10656
7633	General Arrangement of Cattle Box for Carrying Show Cattle	1½" to 1' general arrangement of 18'8" body Endorsed: modified for lamp irons 13.9.92	28.2.88	B22	18M	10657
7672	Passenger Train Van D22	1½" to 1' general arrangement of 22' body; for underframe see Dg No 7673.	10.5.88	D22	32M	SX7672 (2 fiche)
7685	Meat and Fruit Van F52	1½" to 1' general arrangement of 22' body, fitted with Westinghouse brake and Vacuum train pipe; underframe to Dg No 7673	7.6.88	F22	32M	1103
7807	Engineer's Saloon	1" to 1' general arrangement of 27'6" 4 wheel saloon	14.3.89	G24	-	10154
7842	General Arrangement of Cattle Wagon	1½" to 1' general arrangement of 18'4" wagon; length increased from 18'4" to 18'7" over headstocks; cancelled see Dg same No dated 11.11.96	31.1.93	-	4W	9901

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
7842	General Arrangement of Cattle Wagon	1 1/2" to 1' general arrangement of 18'7" wagon	11.11.96	-	5W	9899
7847	Arrangement of Bolster Timber Wagon with Steel Underframe	1 1/2" to 1' general arrangement of 12' wagon	18.1.89	F23	29W	9898
7851	Two Horse Bus No 10	1" to 1' general arrangement of bus with 8'3" body	17.1.89	-	-	SX7851
7872	Cash Trolley and Bus	1" to 1' general arrangement of 4 wheeled road vehicle, 5'8" body	12.3.89	-	-	9859
7890	General Arrangement Single Express Engine	1 1/2" to 1' sectional side elevation and plan of 2-2-2 engine	- .4.89	D27	-	SX7890 (2 fiche)
7908	Special Parcels Van 1 Horse	1 1/2" to 1' general arrangement of 4 wheeled van 7'6" inside	14.5.89	-	-	SX7908
7923	Covered Goods Wagon	1 1/2" to 1' general arrangement of 10 tons, 16'2" covered van, with enlarged details of end ventilators	22.7.03	-		SX7923
7928	Alteration to Wool Wagon-Continental Traffic Wagon N26	1 1/2" to 1' general arrangement of 5 plank 2'10" deep body on wool wagon frame	14.6.99	D&P794	10W	SX7928 (2 fiche)
7933	Underframe for Gas Reservoir	1" to 1' arrangement of wood underframe 29'6" over headstocks, 14' wheelbase, with single tank to Dg No 7975, 6' 10 1/4" diameter	18.9.89	-	-	SX7933
7946 Ren	Engines Type J67-Cab and Tank	1 1/2" to 1' detailed elevations and plan	- .9.44	-	J67	SX7946
7949 Ren	Class J67-Framing Arrangement	1 1/2" to 1' detailed elevations and plan	26.7.51	-	J67	SX7949 (2 fiche)
7997	Convertible Ballast Wagon Class L25	1 1/2" to 1' general arrangement of 12' wagon.	18.11.96	L25	42W	SX7997
8006	Express Engines Class T19, D27-Cylinders	3" to 1' detailed elevations and plans and sections	- .7.98	T19 D27	D13 -	SX8006
8007	Six Wheels Coupled Compound Goods Engines-	3" to 1' detailed elevations and plan of motion	21.10.89	L27	-	SX8007

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
8007	Arrangement of Motion	3" to 1" detailed elevations and plan of motion	31.10.87	I27	-	(2 fiche)
8012	General Arrangement Six Wheels Coupled Compound Goods Engines	1½" to 1" sectional side elevation and plan view of 0-60 engine	21.10.89	I27	-	10135
8013	Six Wheels Coupled Compound Goods Engines-Smokebox	1½" to 1" sectional end elevation of engine	26.10.89	I27	-	SX8013
8022	Express Engines Classes Classes T24 and D27 Smokebox	3" to 1" sectional elevations and plan of smokebox	30.6.91	T24 D27	E4 -	SX8022
8032	Suburban Brake Third (Ongar) D25	1½" to 1" general arrangement of 27' 2 compartment coach	- .11.89	D25	512C	SX8032
8036	Standard Main Line Boiler for Engine Classes T19, T26, D27, N31, C32 NIL - -	1½" to 1" elevations, sections and plan of boiler with full size sections My comment: tracing damaged	23.11.93	T19 T26 D27 N31 C32	D13 E4 - J14 F3	SX8036 (2 fiche)
8080	Mail Van	1" to 1" general arrangement of 34' 6 wheel body; for Interior see Dg No 6960	16.12.98	S25	700C	10161
8081	General Arrangement of 5 Ton Travelling Crane	1" to 1" outline arrangement of 6 wheel jib crane on 18' frame	29.1.90	D&P 863	-	10156
8084	General Arrangement of Truck for 5 Ton Travelling Crane	1½" to 1" arrangement of 28' 6 wheel frame with 12' wheelbase	2.1.91	-	-	SX8084 (2 fiche)
8098 A	Large One Horse Van	1½" to 1" general arrangement of 4 wheeled open van, 10' inside length	- .2.90	-	-	SX8098A
8099 A	One Horse Van	1½" to 1" general arrangement of 4 wheeled open van, 9' inside length	- .2.90	-	-	SX8099A
8113	Underframe for Continental Wagon	1½" to 1" arrangement of 22' 7" steel underframe and running gear; for arrangement of body see Dg No 7928	14.8.90	-	-	SX8113 (2 fiche)
8133	One Horse Lorry	1½" to 1" general arrangement of 4 wheel vehicle	2.90			SX8133

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
A	One Horse Lorry	11'6" floor; cancelled see Dg No 9388 dated 16.3.95	15.9.90	-	-	A
8208	Invalid Saloon	1" to 1' arrangement of 32' 6 wheel body	16.7.90	S26	I2C	10147
8216	32'0" Lavatory Composite Carriage	1" to 1' general arrangement of 32' 4 compartment body with lavatory	13.8.90	M26	I10C	10146
8242	34' 6" Main Line First Class Carriage E27	1" to 1' general arrangement of 34'6" 5 compartment body	18.9.90	E27	I05C	10138
8242	34' 6" Main Line First Class Carriage E27	1" to 1' general arrangement of 34'6" 5 compartment body Microfilmed from a coloured print	18.9.90	E27	I05C	9961
8250	Butter Wagon	1½" to 1' general arrangement of 16'2" covered van with louvred clerestory; originally known as Lard Wagon, title altered 2.2.04	5.2.91	LM604	I2W	10139
8251	General Arrangement of Slip Carriage D26	1" to 1' general arrangement of 32' tri-composite carriage	24.8.90	D26	204C	10136
8251	General Arrangement of Slip Carriage D26	1" to 1' general arrangement of 32' tri-composite carriage Microfilmed from a coloured print	24.8.90	D26	204C	9960
8268	Covered Carriage Truck	1½" to 1' general arrangement of 16' truck on bulb L frames	1.6.91	G27	9M	10137
8278	General Arrangement of Low Sided Wagon CI Z27 with Standard 15ft Steel Underframe	1½" to 1' general arrangement of 3 plank fixed sided wagon	16.10.90	Z27	I8W	SX8278
8291	32'0" Main Line Passenger Brake Van O27	1" to 1' general arrangement of 32' 6 wheel body	11.11.90	O27	516C	10117
8291	32'0" Main Line Passenger Brake Van O27	1" to 1' general arrangement of 32' 6 wheel body Microfilmed from a coloured print	11.11.90	O27	516C	10314
8299	General Arrangement of Coal Wagon with Standard	1½" to 1' general arrangement of 15' 7 plank open	4.2.91	O28	31W	10114

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
8307	15 Feet Steel Underframe Class C28	wagon	4.2.91	C28	31V	10110
8334	Bogie Trams-General Arrangement of W-T-G-H-E Brakework	1 1/2" to 1' part sectional side elevation and plan and sectional end elevations of Westinghouse brake gear and arrangement of brakes on bogie	8.1.91	A17	602C 603C	SX8334
8336	32'0" Main Line Composite Carriages K27	1" to 1' general arrangement of 32' body with 4 compartments and luggage	- .1.91	K27	219C	10126
8348	Sleeper Wagon LM599	1 1/2" to 1' arrangement of 19' steel framed wagon with dumb buffers, fixed ends and drop sides	17.4.91	LM599	43W	1308
8353	Dining Saloon	1" to 1' general arrangement of 34'6" corridor clerestory carriage	- .9.91	B29	-	10121
8354	Composite Carriage for Dining Train LM600	1" to 1' general arrangement of 34'6" body with corridor	8.8.91	A29	111C	10122
8355	Third Class Carriage for Dining Train LM601	1" to 1' general arrangement of 32' body with corridor	9.9.91	Z38	405C	10119
8356	General Arrangement of High Sided Wagon with Standard 15 Feet Steel Underframe	1 1/2" to 1' general arrangement of 5 plank 15' open wagon; cancelled see Dg No 9606	- .7.91	-	17W	10120
8364	Special One or Two Horse Parcels Van	1 1/2" to 1' general arrangement of covered van 10' inside, 6'9" wheelbase	23.3.91	-	-	SX8364
8366	Omnibus for Cromer Pleasure Traffic	1" to 1' undimensioned general arrangement with sections and plan of omnibus 8' inside	24.2.91	-	-	10118
8367	G14 Class Fitted with Morton's Patent Valve Gear-Motion Arrangement	3" to 1' elevations and plan of motion	14.10.91	G14	J15	SX8367 (2 fiche)
8384	Pair Horse Cod Van	1 1/2" to 1' general arrangement of open 4 wheel van 10' long inside	25.3.91	-	-	SX8384
8402	Plate Glass Van	1" to 1' general arrangement of road van 12'6" long well	22.4.91	-	-	SX8402

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
8441	Underframe with Gas Reservoir	1" to 1' arrangement of 26'3" steel frame with 6'10¼" diameter reservoir	17.6.91	-	63W	10165
8448	Third Class Suburban Carriage	1" to 1' general arrangement of 27' 5 compartment carriage	31.7.91	-	402C	10163
8448	Third Class Suburban Carriage	1" to 1' general arrangement of 27' 5 compartment carriage Microfilmed from a coloured print	31.7.91	-	402C	9959
8456	Low Sided Goods Wagons Underframe with Fox's Pressed Steel Plates	1½" to 1' arrangement of underframe and body stanchions	- .7.91	-	18W	10162
8465	HRH Princess of Wales Saloon	1" to 1' general arrangement of 34'6" body and underframe, no interior detail	23.7.91	Y29	4C	9879
8491	Bullion Van	1½" to 1' general arrangement of 22' body	10.8.92	P32	36M	9886
8506	Material Wagon Fox's Pressed Steel Frame T30	1½" to 1' general arrangement of 19' wagon	17.11.91	T30	44W	SX8506 (2 fiche)
8529	General Arrangement Mixed Traffic Engine	1½" to 1' presentation elevation and plan of 2-4-0 tender engine	25.11.91	T26	E4	9881
8534	Tri-Compo P27	1" to 1' general arrangement of 34'6" body, 6 wheel	8.12.91	Y30	206C	9880
8569	Transverse Views of Mixed Traffic Engine	1½" to 1' presentation sectional and end elevations of 2-4-0 tender engine	-	T26	E4	9865
8573	Sea Water Carts with Wooden Barrel	½" to 1' general arrangement of 2 wheel cart, two built 210 and 199 gallon capacity respectively	14.1.92	-	-	SX8573
8580	Goods Brake Van	1½" to 1' general arrangement of 16' van Endorsed: interior alterations 3.6.13	16.7.95	Y35	1W	9867
8587	Pair Horse Lorry	1½" to 1' general arrangement of 4 wheel lorry 12'6" on bed	19.2.92	-	-	10160

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
8589	Fox's Pressed Steel Underframe for Standard 15Ft Wagon	1½" to 1' elevations and plan of 15' frame, 9' wheelbase	20.9.92	-	-	SX8589
8599	Third Class Saloon	1" to 1' general arrangement of body and underframe of 34'6" elliptical roofed saloon dual fitted	27.10.99	E31	14C	SX8599 (2 fiche)
8675	Standard Six Wheel Underframe	1" to 1' general arrangement of wood carriage underframe length 33'10½" wheelbase 11'3", showing Westinghouse brake details Endorsed: for 34'6" carriage stock	- .8.92	-	-	SX8675
8700	Special One Horse Parcels Van No 675	1½" to 1' general arrangement of 7'6" van	27.7.92	-	-	10127
8703	Six Wheels Coupled Tank Engines B32 Class Cab and Tanks	1½" to 1' elevations, sections and plan of cab and tanks; bars added to bunker 6.4.25	29.7.92	B32	J66	SX8703
8709	Continental Traffic Wagon	1½" to 1' general arrangement of 22'10" open wagon	11.5.94	M29	10WV	10128
8748	Brake Third Main line	1 ½" to 1' general arrangement of 34'6" 3 compartment main line carriage fitted with the Vacuum brake Microfilmed from a coloured print	- .6.93		514C	9956
8770	General Arrangement Eight Wheels Main Line Passenger Tank Engine	1½" to 1' elevation and plan; with ornamental title, prepared for Railway Engineer?	21.9.93	C32	F3	10149
8778	Main Line 3rd Class Carriage	1" to 1' general arrangement of 34'6" 6 compartment carriage with brake rigging details	- .4.92	-	404C	10148
8809	Details of Tablet Changing Apparatus	Full size elevations and plan of apparatus Endorsed: for arrangement see Dg No 9814 My note: apparatus bolted to a 7" post and presents a 3/16" plate, 6" wide by 7½" deep at right angles to track when open	12.12.01	-	-	SX8809
8859	General Arrangement of Fish Truck T32	1" to 1' general arrangement of underframe and body	24.92	T32	24M	SX8859

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
8857	General Arrangement of Fish Truck T32	of 16' open truck	2.8.73	T32	2411	SX8857
8877	Four Wheels Coupled Express Engines Class R22- Motion Arrangement	3" to 1' elevations and plan of motion	- .4.93	R22	D13	SX8877
8942	Arrangement of Mail Apparatus	1½" to 1' arrangement of external equipment on van; for arrangement of mail van see Dg No 8080	14.6.93	-	-	9874
8955	Engine No 761-General Arrangement of Four Coupled Engine (Express) Burning Liquid Fuel	1½" to 1' sectional elevations and plan of 2-4-0 engine Petrolea	22.8.93	T24	D13	9875
8956	Engines No 761 (Tender of) General Arrangement of Liquid Fuel Gear on Tender	1½" to 1' arrangement of Liquid Fuel Apparatus on Tender	22.8.93	S23	-	9873
9004	Eight Wheels Main Line Passenger Tank Engines Class C32-Arrangement of Condensing Gear	1½" to 1' outline elevations and plan of engine showing arrangement of gear.	22.7.98	C32	F3	SX9004 (2 fiche)
9010	Parcels Cart	1½" to 1' general arrangement of 2 wheeled cart length 5'6" inside	5.12.93	-	-	SX9010
9030	Express Parcels Cart	1½" to 1' general arrangement of 2 wheeled covered cart 5'6" inside	5.10.94	-	-	SX9030
9039	General Arrangement of High Sided Wagon with Fox's Pressed Steel Underframe X32, Y32	1½" to 1' general arrangement of 15' 5 plank open wagon, 2'10¾" deep inside	18.1.94	X32 Y32	17W	SX9039
9099	Permanent Way Brake Van Class H34	1½" to 1' general arrangement of 20' brake	9.3.94	H34	38W	10133
9126	Standard Grease Cart	1½" to 1' general arrangement of 2 wheeled covered hand cart 6'2" inside	17.4.95	-	-	SX9126
9130	Engines Nos 209, 210, 228, 229, 226, 227, 230, 231 Boiler	1½" to 1' elevations and sections of boiler; altered 11.13 and 2.40	- .12.03	209	Y5	SX9130
9174	Standard Tender	1½" to 1' general arrangement 6 wheel 18'3" frame My comment: damaged tracing but no serious loss of detail	27.6.94	-	-	SX9174

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
9175	Four Wheels Coupled Express Engine and Tender	1" to 1' presentation side elevation of 2-4-0 tender engine No 1010	15.6.94	D32	-	10132
9176	Transverse Views Four Wheels Coupled Express Engine	1 1/2" to 1' detailed sectional and end elevations My comment: possibly prepared for Railway Engineer	23.7.94	D32	-	10131
9192	20Ft Covered Carriage Truck K35 Class	1 1/2" to 1' general arrangement of 20'4" truck with bulb L solebars	27.8.94	K35	10M	10153
9217	Restaurant Cars Nos 16, 17, 24	3/4" to 1' general arrangement of 50' clerestory body for 12 wheel underframe and details of gas reservoirs	- .9.04	-	13C	10158
9217	Dining Car 50Ft	3/4" to 1' arrangement of 50' clerestory body with swell to sides; see 9217 dated 9.04	- .5.94	B29	13C	10151
9218	1st Class Carriage Dining Train	1" to 1' general arrangement of 34'6" clerestory body with corridor	29.9.94	A38	107C	10152
9219	3rd Class Carriage Dining Train	1" to 1' general arrangement of 34'6" 5 compartment lavatory carriage	10.10.94	B38	406C	10157
9272	Main Line Brake Van	1" to 1' general arrangement of 32' body	21.5.96	G39	518C	10154
9274	Pressed Steel 1st and 3rd Class Carriage Underframe-Dining Train	1 1/2" to 1' arrangement of 33'10 1/2" 6 wheel underframe with position of gas reservoirs	19.11.96	A38 B38	107C 406C	10155
9326	18Ft Tram Car	1" to 1' general arrangement of 4 wheel car	- .3.95	Z16	600C 601C	SX9326
9347	Arrangement of Crab, etc. for 12 Tons (Steam Accident Crane)	1 1/2" to 1' of gear and boiler, 1/4" to 1' diagram of complete 6 wheel crane with 20'4" frame; number of this crane is No 1A	17.2.00	-	-	9863
9363	General Arrangement of Six Wheels Coupled Goods Engines	1 1/2" to 1' detailed side elevation and plan of engine	3.4.95	N31	J14	9861
9381	One Horse Van	1 1/2" to 1' general arrangement of van with tilt and	7.2.95			SX9381

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
A	One Horse Van	hoops, 9'2¼" floor, 4'10" wheelbase	7.5.95	-	-	A
9388 A	One Horse Lorry	1½" to 1' general arrangement of flat lorry 11'6" floor, 6'9" wheelbase; cancelled see Dg No 13957	13.3.95	-	-	SX9388 A
9421	Smokebox for Four Wheels Coupled Express Engines	3" to 1' arrangement and showing cylinders and leading wheels	20.12.01	T26	E4	SX9421
9422	Westinghouse Brake Pump	Full size detailed arrangement of 6"6½" pump	23.4.92	-	-	SX9422
9430	Pair Horse Van	1½" to 1' general arrangement of 4 wheel van 11'9½" outside, 11'7" inside length	11.11.95	-	-	SX9430
9487	Untitled	1½" to 1' general arrangement of 22'0¾" 4 wheel milk van with 2'9" wheels My comment: not built	1.9.95	-	-	10125
9492	10 Tons Furniture Wagon R37 Class	1½" to 1' general arrangement of 20' truck	6.11.01	R37	19W	SX9492
9500	Dining Saloon-General Arrangement of Underframe	1½" to 1' arrangement of 12 wheel underframe, channel frames with brake gear and gas reservoirs; drawgear amended 9.7.14 Dg No 19415	1.5.96	-	-	SX9500 (2 fiche)
9501	Dining Saloon General Arrangement of 6 Wheeled Bogie	1½" to 1' arrangement, wheelbase 11'10" and schedule of drawings of details	25.3.96	-	-	9860
9518	Second Class Suburban Carriage Classes H36, D37	1" to 1' general arrangement of 27' 5 compartment body	- .1.96	H36 D37	304C	10150
9542	5 Tons Steam & Hand Crane-General Arrangement	1½" to 1' general arrangement of crane mechanism and vertical boiler Endorsed: for arrangement of underframe see Dg No 9543 and jib Dg No 9549	31.12.96	-	-	SX9542
9575 Ren	Six Wheels Coupled Condensing Tank Engines Class C37-Cab and Tanks	1½" to 1' detailed arrangement; additional bunker rails added 4.4.25	19.5.15	C37	J67	SX9575 (2 fiche)
9606	General Arrangement of High Sided Wagon with Standard 15ft Steel Underframe	1½" to 1' general arrangement of 5 plank wagon; inset shows arrangement of pressed steel shoes and stops to replace cast iron type	-	-	17W	SX9606

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
9620	G.E.R. Standard 10 Tons Wagon with Steel Underframe	¾" to 1' general arrangement of 15' high sided wagon, 5 planks	10.2.96	-	17W	SX9620
9635	1st Class Carriage Continental Train C38	1" to 1' general arrangement of 32' body with 4 compartments and lavatory	- .2.96	C38	108C	10142
9636	2nd Class Lavatory Continental Train D38	1" to 1' general arrangement of 34'6" body with 5 compartments	8.3.96	D38	305C	10140
9637	2nd Class Carriage Continental Train E38	1" to 1' general arrangement of 32' body with 5 compartments	7.3.96	E38	306C	10141
9638	Brake 2nd Class Carriage Continental Train F38	1" to 1' general arrangement of 34'6" body with 3 compartments	- .4.96	F38	515C	10143
9645	Third Class Lavatory Saloon G38 Class	1" to 1' general arrangement of 34'6" body; toilets altered 26.4.97	5.3.96	G38	116C	9872
9648	20 Feet Open Carriage Truck Class L38	1½" to 1' detailed general arrangement of 20'3" truck; altered 10.4.02 for A54 and future classes, representing the change from bulb L to channel frames	6.3.96	L38	6M	9871
9661	Bogie and Underframe Arrangement for HRH the Prince of Wales Saloon	1½" to 1' detailed arrangement of 40'4½" bulb L frame, with dual brake gear and gas cylinders; cancelled Dg No 9661 dated 3.3.98	1.6.96	T37	17C	9877
9661	Bogie and Underframe Arrangement for HRH the Prince of Wales Saloon	1½" to 1' detailed arrangement of 40'4½" bulb L frame, with dual brake gear and gas cylinders	3.3.98	T37	17C	9878
9663	Saloon No 31 for the HRH The Prince of Wales T37	¾" to 1' arrangement of 41' body with detailed plan of interior. Endorsed: known as the Kings Saloon; revised 28.5.03	1.5.96	T37	17C	9876
9692	Hand Brake for Wagons	1½" to 1' arrangement shown on 5 plank open wagon, 3" to 1' details of ironwork of type with vertical control lever	26.3.96	-	-	SX9692

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
9694	Arrangement of Water Pickup on Tenders	1½" to 1' arrangement shown in relation to tender; scoop to Dg No 9695, wrought iron details Dg No 9725	8.7.96	-	-	SX9694
9696	Six Wheels Coupled Goods Engines Class Y14 Arrangement of Steam Brake	1½" to 1' arrangement shown on outline of engine frame	26.3.01	Y14	J15	SX9696 (2 fiche)
9699	Lavatory Composite	1" to 1' general arrangement of 34'10" 6 wheel body with 4 compartments, lavatory and luggage compartment	16.5.96	O39	208C	10123
9728	22FT Parcels Van Class F39 & P39	1½" to 1' general arrangement of 22' body; 7 of P39 were built without partition	22.5.96	F39 P39	34M	10124
9749	Steel Underframe for Suburban Carriages L39	1½" to 1' arrangement of 26'10½" channel steel underframe 15'6" wheelbase showing brakes and position of gas reservoirs; spring hanging to green for	31.7.96	L39	410C	SX9749 (2 fiche)
9780	First Class Carriage	1" to 1' general arrangement of 34'6" body with 5 compartments	13.7.96	H39	109C	9864
9792	Part Plan of Stratford Works showing Position of Proposed New Footbridge from Biddingfield Street to Running Shed Sidings	40' to 1" plan of bridge over Cambridge main line and works sidings	21.7.96	-	-	9870
9801	Low 10 Ton Machine Truck Class -	1½" to 1' general arrangement of 27'6" low truck, solebars altered see shop copy Dg No 10292; see Dg Nos 16014 and 16016 for alterations to clear 18SW	- .12.96	-	22W	SX9801 (2 fiche)
9816 A	Large One Horse Van	1½" to 1' general arrangement of road van with 10'2¼" body; altered 13.2.07 to carry 2½ Tons; traced in L1 98 and corrected with addition of brake	20.8.01	-	-	SX9816A
9879	Milk Van	1" to 1' general arrangement of body of 31'6" 6 wheel van with louvred sides	- .10.96	R39	21M	SX9879
9880	Milk Van Underframe	1" to 1' arrangement of 6 wheel 31'4½" bulb L steel underframe with position of brake cylinder	- .2.97	R39	21M	SX9880

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
9884	Arrangement of Coal Wagon with Standard 15' Wagon Steel Underframe	1½" to 1' general arrangement of 15' 7 plank open, body 4'0½" deep	3.11.96	C39	31W	SX9884
9886	Batten Wagon with Steel Underframe Class B40	1½" to 1' general arrangement of wagon 22'9" over headstocks	21.11.96	B40	30W	SX9886
9908	Private Owners Wagons-Proposed 12 Tons Coal Wagon with Wood Body	¾" to 1' general arrangement of 15' 8 plank body with side door and double bottom doors	- .11.02	-	-	11098
9909	Private Owners Wagons-Proposed 15 Tons Coal Wagon with Wood Body	¾" to 1' general arrangement of 21' 9 plank body with side door and double bottom doors	- .11.02	-	-	11097
9911	Drawing 1 Private Owners 10 and 12 Ton Waggons-Standard Waggon with Wood Underframe	¾" to 1' general arrangement of 15' 8 plank open	- .1.03	-	-	SX9911
9912	Drawing 2-Private Owners Wagons-10 or 12 Tons Wagon with Wood Body	¾" to 1' general arrangement of 15' 8 plank body	- .1.03	-	-	11099
9915	Drawing 4-Private Owner Wagons-10 or 12 Tons Wagon with Steel Body	¾" to 1' general arrangement of 15' steel body, 4'4" deep, side door and double bottom doors	- .1.03	-	-	11100
9921	Lavatory Bogie Composite M40	¾" to 1' general arrangement of 48'3" composite body	14.12.96	M40	209C	10202
9923	Four Wheel Bogie for Lavatory Composite Carriage M40 Class	1½" to 1' arrangement of 8' wheelbase bogie with 'B' type axleboxes	23.1.97	M40	209C	SX9923
9946	Arrangement of Hand Brake for Wagons	1½" to 1' arrangement of brake gear shown on outline of 15' high side open, endorsed: Parker's Patent Vertical Hand Lever	- .11.96	-	-	SX9946
9983	General Arrangement of Sand Wagon L40 with Standard 15Ft Steel Underframe	1½" to 1' general arrangement of 4 plank fixed side open wagon	27.1.97	L40	36W	10130
9990	32'0" Carriage Underframe	1" to 1' arrangement of 31'4½" 6 wheel steel underframe with bulb L solebars; altered from Bulb to Channel Solebars 20.1.98	17.5.97	-	-	10129
10002	Four Wheels Coupled Bogie Tank Engines Class S44	1½" to 1' arrangement of boiler with full size details	15.11.90	S44	64	SX10002

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
10005	(G4) Boiler	1 1/2" to 1' arrangement of boiler with full size details	15.11.20	544	G4	SX10005
10018	Standard Parcels Van	1 1/2" to 1' general arrangement of 4 wheel van length 6'10" Endorsed: D&P7177 Microfilmed from a coloured print	23.1.97	D&P 7177	-	10312
10018	Standard Parcels Van	1 1/2" to 1' general arrangement of 4 wheel van length 6'10" Endorsed: D&P7177 Microfilmed from a coloured print	- .1.04	D&P 7177	-	10311
10020	Steam Fire Engine Truck E39	1 1/2" to 1' general arrangement of 14' well wagon with outline of fire engine Endorsed: not carried out Microfilmed from a coloured print	20.2.97	E39	-	5391
10020	Steam Fire Engine Truck E39	1 1/2" to 1' general arrangement of 14' truck My comment: construction of truck was not completed	20.2.97	E39	-	10313
10028	Arrangement and Details for Pair Horse Vans	1" to 1' outline arrangement of 4 wheel van 11'6" inside and details of hoop	28.1.97	-	-	SX10028
10047	Passenger Train Cattle Box Class T40	1 1/2" to 1' general arrangement of 21'5 1/2" body for steel or wood frame; see Dg No 9730 for steel frame, Dg No 16849 for wood	27.4.97	T40	19M	9862
10059	Covered Carriage Truck V40 Class	1 1/2" to 1' general arrangement of 20'4" truck; altered for A54 and future classes My comment: alteration represents change from bulb L to channel steel frames	6.3.97	V40	10M	9894
10101	Low Machine Truck Arrangement and Details of W. House and Vacuum Brake Pipes	1 1/2" to 1' outline arrangement of wagon 5' to 1' details of pipe clips and new coupling hook; note this truck altered to clear L&SW and SE&C loading	3.4.97	E40	22W	SX10101 (2 fiche)

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
10102	32Ft Underframe Arranged for Brake Vans	1" to 1' general arrangement of 6 wheel 31' 4 1/2" wood underframe; Vacuum brake added to 6 vehicles of C28	12.4.97	-	-	SX10102 (2 fiche)
10126	Six Wheels Coupled Goods Engines N31, H40 Class- Arrangement of Steam Brake	1 1/2" to 1" arrangement shown in relation to outline of engine framing	26.3.01	N31 H40	J14 J15	SX10126
10134	15 Feet Steel Underframe-Arrangement and Details of Platt's Brake	1 1/2" and 3" to 1' brake gear shown on 5 plank high sided wagon, with a cranked lever and rod passing beneath wagon	- .5.97	-	-	SX10134
10216	General Arrangement of Continental Luggage Boxes & Truck	1" to 1' general arrangement of open truck, wood frame and pair of 11'6" luggage boxes; end WH pipes altered to yellow 25.8.04, Nos 112 & 191 to be fitted; Vacuum pipe not required on Continental Corridor Train WH pipe altered to red	10.12.97	Y41	14M	11110
10224	Second Class Suburban Carriage Class D41	1" to 1' general arrangement of 27' 5 compartment carriage body and sectional end elevation of compartment	10.9.97	D41	307C	SX10224
10230	Steel Underframe for Royal and Supper Saloons L42 & M42	1 1/2" to 1" arrangement of 47' 7 1/2" channel steel underframe with brake rigging and position of gas reservoirs	6.1.98	L42 M42	5C 9C	11111
10231	Saloon No 5 for HRH the Princess of Wales	3/4" to 1' general arrangement of 48'3" body; revised 5.03	- .6.98	L42	5C	11112
10273	3rd Class Lavatory Carriage	1" to 1' general arrangement of 34'6" 5 compartment body with lavatory	15.11.97	S42	407C	11107
10281	First Class or Supper Saloon No 11	3/4" to 1' general arrangement of 48'3" clerestory body with sections; revised 4.03	- .9.04	M42	9C	11109
10282	Combined Ballast & Sleeper Wagon ClassE43	1 1/2" to 1' general arrangement of 19'3" dumb buffered open wagon	18.12.97	E43	41W	SX10282

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
I0288	Refrigerator Van	1½" to 1' arrangement of body of 14'11" covered van Copy of Midland Rly Dg No 419 dated 4.11.87	12.11.97	-	-	I1108
I0306	Arrangement of Gunpowder Van M43, F51, F55, S53, A59	1½" to 1' general arrangement of 16'1" van; altered 23.3.05 for A59 and future classes; see Dg No 13499-2 for alterations to ironwork and notice plate	20.12.97	M43	9W	SX10306
I0362	Arrangement of Restaurant Car	¾" to 1' detailed general arrangement of body and interior of 55' 12 wheel car; altered 4.3.03	13.2.00	F45	18C	9866
I0363	Underframe for 1st and 3rd Class Restaurant Carriages F45 & G45	1½" to 1' detailed arrangement of underframe, outline of bogie, position of gas reservoirs and brake gear	8.12.98	F45 G45	18C 412C	9868
I0364	10 Foot 4 Wheeled Bogie for Breakfast and Tea Saloon	1½" to 1' detailed general arrangement	17.3.98	M42	9C	9869
I0397	Tender Class T46 Liquid Fuel Tank	1½" to 1' arrangement of tank only 6'4" long by 5'11½" wide; altered 10.5.21	10.3.01	T46	-	SX10397
I0401	Bogie Single Express Engines P43 Class-Driving Wheels	3" to 1' elevations of 6'6" wheel without tyre and full size section with tyre	- .9.98	P43	-	10535
I0417	Outside General Arrangement P43	1" to 1' side elevation of engine and tender with lettering, My comment: presentation quality drawing	8.2.98	P43	-	10579
I0424	Bogie Single Express Engines P43 Class-Smokebox	3" to 1' sectional elevations of smokebox and cylinder	- .10.98	P43	-	10580
I0475	Bogie Single Express Engine-General Arrangement	1½" to 1' general arrangement of 4-2-2 Single with 7'0" wheels	- .1.99	P43	-	10571

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
10476	General Arrangement of Tender R43 Class	1½" to 1' side and end elevations and plan with water pickup details and fuel well tank; altered 22.1.12 deletion of strut for communication cord	- .1.99	P43	-	10570
10506	Composite Lavatory Carriages for Royal Train Class A44 Nos 541 and 542	¾" to 1' general arrangement of 41' body for bogie carriages	22.4.98	A44	210C	SX10306
10507	Underframe for Royal Composite Carriages A44	1½" to 1' general arrangement of 40'4½" bulb-L steel frame, dual braked Copy of Pressed Steel Bogie Leeds Forge Dg No 2806	- .9.98	A44	210C	SX10507 (2 fiche)
10519	Leading Axleboxes Fitted with Controlling Gear	3" to 1' elevations and plan of wheel and engine frame	22.4.98	-	-	SX10519
10570	Six Wheeled 20 Ton Machine Truck Class Z44	1½" to 1' general arrangement of 21' 6" wheeled truck; axlebox and journal on centre wheels amended 21.7.14	- .6.98	Z44	26W	SX10570 (2 fiche)
10599	Plate Glass Wagon Class A45	1½" to 1' general arrangement of 25' plank open wagon with central well	- .7.98	A45	20W	11106
10636	34Ft 6Ins Carriage Underframe	1" to 1' general arrangement of channel steel 33'10½" underframe showing brake gear and gas reservoirs	21.9.98	-	-	SX10636 (2 fiche)
10641	Arrangement of Refrigerator Van B45	1½" to 1' general arrangement of 16'3" van	6.10.98	B45	14W	9910
10653	First Class Carriage Restaurant Train E45	¾" to 1' general arrangement of 48'3" clerestory body	- .2.03	E45	112C	9903
10654	Third Class Carriage of Restaurant Cars G45	¾" to 1' general arrangement of 55' body, 8 wheels; altered 1.2.00 and 7.3.03	28.10.98	G45	412C	9909
10660	Travelling Liquid Fuel Tanks Class D45 Capacity 2,300 Gallons	1½" to 1' general arrangement of 15' cylindrical tank wagon.	7.10.98	D45	35W	9906
10680	Four Wheeled Bogie for Lavatory Corridor Composite O45 & P47	1½" to 1' arrangement of 8' wheelbase bogie	12.4.99	-	211C 212C	SX10680

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
10690	Wide Suburban Third Class Carriage Class P46	1" to 1' general arrangement of 27' body	- .12.98	P46	408C	9902
10703	Fox's Pressed Steel Carriage Bogie Classes L42, M42, A44, E45	1½" to 1' arrangement of 8' wheelbase bogie	10.12.98	L42 M42 A44 E45	5C 9C 210C 112C	SC10703
10717	Steel Underframe for Fish & Fruit Vans R45 Class	1½" to 1' general arrangement of channel steel underframe 21'4½" with 13'6" wheelbase My comment: tracing torn but complete	6.1.99	R45	34M	SX10717 (2 fiche)
10722	Underframe for Corridor Composite Carriage 045	1½" to 1' details of underframe and dual brake	22.3.99	O45	11C	10577
10727	Gangway for Breakfast and Tea Train E, F & G45	3" to 1' arrangement of gangway with 6" to 1' detail of fittings	16.1.99	E45 F45 G45	112C 18C 412C	SX10727
10732	Coaling Stage	3/8" to 1' elevations of double sided raised stage showing engines being coaled and coal truck unloading, 3" to 1' detail of C.I. girders, and 40' to 1" plan and elevation of complete stage assumed to be at Stratford	- .1.99	-	-	10581
10777	Arrangement of Combined Westinghouse, Vacuum and Hand Brake for 34Ft 6Ins Brake Thirds	1½" to 1' arrangement of brake gear shown on part of channel steel underframe; cancelled, for underframe see Dg No 10636	21.2.99	-	-	SX10777
10784	Steel Underframe for Wide Suburban Carriages Classes K42, B46, C46, D46	1½" to 1' arrangement of 26'10½" channel steel underframe, 15'6" wheelbase showing brakes and position of gas reservoirs	29.5.99	K42 B46 C46 D46	113C 308C 408C 520C	SX10784 (2 fiche)
	Six Wheels Coupled Goods Engine Classes I45, S45	1½" to 1' detailed arrangement of cab with full size		I45		

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
10791	Six wheels Coupled Goods Engine Classes 143, 343, X45-Cab	1 1/2" to 1' detailed arrangement of cab with full size riveting detail	- .6.21	S45 X45	J15	SX10791
10801	Travelling Workshop for Messrs. Pooley & Son- Arrangement of Body	1 1/2" to 1' general arrangement of body and portable steps	28.6.99	-	45W	SX10801 (2 fiche)
10803	Travelling Workshop for Messrs. Pooley & Son- Arrangement of Underframe A46	1 1/2" to 1' arrangement of underframe, running and Westinghouse brake gear	3.6.99	-	45W	SX10803 (2 fiche)
10836	Plan of Oil Gas Works	1/8" to 1' layout of plant and holders at Stratford; cancelled see Dg same No 4.01	13.2.00	-	-	SX10836
10838	Engines Y14-J15 Class Smokebox	3" to 1' arrangement of smokebox, retraced	- .10.23	Y14	J15	SX10838
10857	Wood Underframe for HRH The Princess of Wales' Saloon LM2586	1 1/2" to 1' arrangement of 47'7 1/2" flitched wood underframe with details of brake rigging Microfilmed from a coloured print	29.5.99	LM2586	5C	11113
10879	Tenders Classes T46 to E56 Passenger, I50 (last 7) to H57 Goods Inclusive (Oil Fuel D15), D15, J17-Frame	1 1/2" to 1' elevations and plan for tender frame with 4'1" wheels; .for future tenders see Dg No 16889	25.6.00	T46 I50	D14 J17	11104
10886	Low Sided Wagon B48 Class	1 1/2" to 1' general arrangement of 15' 3 steel framed dropside wagon with fixed ends	10.10.99	B48	18W	SX10886
10915	Tenders Class T46-Tank	1 1/2" to 1' elevations and plan of tank and platework	24.7.99	T46	-	11105
10927	14 Ton Machine Wagon D48 General Arrangement	1 1/2" to 1' general arrangement of 28'4" truck	3.10.99	D48	25W	SX10927 (2 fiche)
10957	Four Wheels Coupled Bogie Express Engines Class S46-Motion Arrangement	3" to 1' elevation and plan of motion	27.7.00	S46	D14	10578
10998	General Arrangement of Egg Wagon 148 Class	1 1/2" to 1' general arrangement of 19'3" wagon on steel underframe	2.11.99	148	13W	10567

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
11019	Four Wheels Coupled Bogie Express Engines Class S46-Rod, Pipe, Injector and Liquid Fuel Arrangement	1½" to 1' side and end elevations and plan; altered 2.9.25	23.10.00	S46	D14	10576
11033	Four Wheels Coupled Bogie Express Class S46-Brake Arrangement	1½" to 1' outline side and end elevations and plan of brake arrangement; for brake details see Dg No 10996	- .11.99	S46	D14	10572
11043	16ft Open Carriage Truck T48	1½" to 1' general arrangement of underframe and body	15.11.99	T48	5M	SX11043
11059	Four Wheels Coupled Bogie Express Engines Class S46 Reversing Arrangement	3" to 1' shows two possible positions for the gear; for Class F53 see Dg No 10760	-	S46	D14	SX11059
11061	General Arrangement of Coal Wagon with Steel Floor Class D&E49	1½" to 1' general arrangement of 15' 8 plank wagon	9.4.00	-	32W	SX11061
11087	Covered Goods Wagon with Wood Underframe	1½" to 16' general arrangement of 16' outside framed van, without ventilators. My comment: no wagons built to this GA	12.12.99	-	-	SX11087
11089	General Arrangement of High Sided Goods Wagon with Wood Underframe	1½" to 1' general arrangement of 15' high sided 5 plank body, 2'10¾" deep fitted with door control gear with vertical spiral spring outside My comment: no wagons built to this GA	13.12.99	-	-	SX11089
11114	Tenders Class T46-Rod, Pipe and Brake Arrangement	1½" to 1' details of brakework, water pickup apparatus and air cylinder shown on elevations, sections and sectional plan of tender	- .11.00	T46	-	SX11114
11116	17 Ton Goods Brake C49 and C51, D51- Arrangement of Underframe	1½" to 1' general arrangement of 16' frame with brake detail Endorsed: superseded by Dg No 11662	27.10.00	C49 C51 D51	2W	SX11116 (2 fiche)

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
11117	17 Tons Goods Brake Class C49	1 ½" to 1' general arrangement of 16' body with veranda at each end shown on outline of steel frame	5.11.00	C49	2W	SX1117
11151	Six Wheels Coupled Goods Engines N31 Class with 4'9" Boiler	1 ½" to 1' undimensioned side elevation of engine No 990 and front part of tender	- .2.00	N31	J14	10582
11169	Travelling Liquid Fuel Tanks-Capacity 1800 Gallons	1 ½" to 1' general arrangement of rectangular tank mounted on standard 15ft steel underframe My comment: part of sectional end elevation torn off	15.2.00	P50	34W	SX11169
11172	Arrangement of 34'6" Carriage (Steel Underframe)	1" to 1' arrangement of frame, running gear and Westinghouse brake My comment: tracing damaged		-	-	SX11172
11173	Arrangement of 32ft Carriage Steel Underframe R51 Class	1" to 1' arrangement of 6 wheel underframe 31'4½" over headstocks; gas reservoirs and regulator not required for brake 2nd's E57 of Continental train; altered brake pipe for brake 2nd E57	29.6.01	R51	532C	SX11173
11209	Underframe for Bogie Suburban Brake Third Class Carriage G50	1 ½" to 1' arrangement of 48'3½" underframe with details of Westinghouse brake, brake rigging, dynamo and battery boxes	5.11.00	G50	517C	10568
11210	Four Wheeled Bogie with Equalising Beams G50 Class	1 ½" to 1' arrangement of 8' wheelbase bogie; altered 1.9.04	29.8.00	G50	519C	SX11210
11220	Bogie Suburban Second & Third Class Carriages Classes E & F50	¾" to 1' arrangement of 54' body and interior detail	3.4.00	E50 F50	309C 411C	10569
11221	Underframe for 4 Wheeled Bogie Suburban Carriages	1 ½" to 1' arrangement of 53'4½" underframe with	25.9.00	C50 D50	114C 213C	11102

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
11221	Underframe for 6 wheeled Bogie Suburban Carriages	details of dynamo, battery boxes and brake rigging	25.7.00	E50 F50	309C 411C	11105
11222	6 Wheeled Bogie with Equalizing Beams Classes C, D, E & F50	1½" to 1' arrangement of 11'6" wheelbase bogie	2.7.00	C50 D50 E50 F50	114C 213C 309C 411C	11102
11238	Bogie Suburban Composite Carriage D50 Class	¾" to 1' general arrangement of 54' 9 compartment 1st and 2nd class body	19.4.00	D50	213C	11101
11246	Arrangement of Ballast Wagon K49 Class	1½" to 1' general arrangement of 12' long dumb buffered 2 plank dropside with one drop end	10.5.01	K49 B59	40W	SX11246
11270	40 Tons Crocodile Wagon	1½" to 1' general arrangement of 47'3" bogie well wagon and bogie My comment: tracing damaged minor loss of end elevation detail	18.10.00	K50	28W	SX11270
11281	Bogie First Class Suburban Carriage C50 Class	¾" to 1' general arrangement of 54' carriage on 6 wheel bogies	23.5.00	C50	114C	1047
11290	Arrangement of 15 Ton Coal Wagon LM2824	1½" to 1' general arrangement of 17'10¾" 8 plank loco coal wagon	15.6.00	E51	33W	1046
11323	Officers Saloon X50	1" to 1' general arrangement of 34'6" clerestory body with sections	16.7.00	X50	7C	10221
11335	Bogie Lavatory Composite Carriage U50 Class	¾" to 1' general arrangement of 48'3" clerestory body	9.8.00	U50	214C	10222
11391	Continental Traffic Wagon A51	1" to 1' general arrangement of 22'10" wagon; for B75 and future classes see Dg No 18933 21.10.13	24.10.10	A51	10W	SX11391 (2 fiche)
11452	Lavatory Bogie Composite Carriage P,S & U51	¾" to 1' arrangement of 48'3" clerestory body with sections	- .3.00	P51	212C	10192
11463	Arrangement of Underframe for 48'3" Bogie	1½" to 1' arrangement of underframe showing dual	12.2.01	-	212C	SX11463

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
11465	Carriages P & U51	brake gear and gas tanks; superseded by Dg 13949	12.2.01	-	212C	(2 fiche)
11471	Double Bolster Wagon Class F52	1½" to 1' general arrangement of 22'9" wagon.	16.7.01	F52	30WV	SX11471 (2 fiche)
11474	General Arrangement of Single Bolster Wagon Class G52	1½" to 1' general arrangement of 12' steel framed wagon; for F64 and future stock see Dg No 16251 dated 11.07	27.8.01	G52	29WV	10574
11486	Four Wheels Coupled Mixed Traffic Engines Class S50-Arrangement of Automatic Vacuum Brake	1½" to 1' outline side elevation and interior view of cab, part frame showing brake arrangement My comment: right hand side of tracing damaged, some loss of detail	- .1.18	T19	E4	10575
11492	Four Wheels Coupled Bogie Express Engine General Arrangement	1½" to 1' sectional side elevation and plan of 4-4-0 engine	- .3.01	S46	D14	1162
11507	Four Wheeled Bogie for Lavatory Corridor Composite P&U51	1½" to 1' detailed arrangement of 8' wheel base bogie	11.3.01	-	212C	1148
11513	Main Line Brake Van R51	1" to 1' general arrangement of body of 32' brake; superseded by Dg No 13743	8.3.01	R51	532C	1090
11557	Diagram of Proposed Postal Sorting Van	½" to 1' outline body arrangement of 48'3" arc roof coach, 8' WB bogies My comment: not built	22.4.01	-	-	SX11557
11565	First Class Carriage Underframe-Alteration of Cleminsons Flexible Wheelbase to Rigid Wheelbase	1" to 1' arrangement of 36'10" underframe, running and brake gear; see Dg No 11090 for wrought iron work; for details see Dg No 11566	19.4.01	-	-	SX11565 (2 fiche)
11579	Tender Tank to Supply 3,300 Gallons of Water to Engine	1½" to 1' arrangement of tank only, without underframe	20.4.01	-	-	SX11579
11592	Arrangement of Royal Saloon No 49	¾" to 1' general arrangement of 50' clerestory body; revised 17.3.03	7.5.01	B53	21C	10217
11593	Underframe for Royal Saloon R53	1½" to 1' detailed arrangement of 47'4½" wood frame with dual brake details and position of gas	21.5.01	R53	21C	SX11593

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
11575	Underframe for Royal Saloon B55	Frame with dual brake details and position of gas cylinders	21.5.01	B55	21C	(2 fiche)
11607	Bogie and Underframe for Officers Saloon LM3041	1 1/2" to 1' detailed arrangement of lighting and brake details, bogie 6'6" wheelbase, 'J' axleboxes	16.5.01	LM3041	-	SX11607 (2 fiche)
11615	General Arrangement of Third Class Lavatory Carriage Classes 147, M50	1" to 1' general arrangement of 34'6" clerestory 5 compartment carriage	11.7.01	147 M50	413C 423C	10215
11636	Brake Third Class Carriage T51 Class	1" to 1' general arrangement of 34'6" 3 compartment body				
11639	General Arrangement of Vitriol Wagon	1 1/2" to 1' arrangement of body on standard 15' steel underframe	21.6.01	-	8W	SX11639
11642	Arrangement of Combined Westinghouse, Vacuum and Hand Brake for 34ft 6ins Brake Thirds Class T51	1 1/2" to 1' elevations and plan of equipment on steel underframe; applies to underframe to Dg No 11172	3.7.01	T51	533C	SX11642
11647 Ren	Tramway Engines Class C53-Motion Arrangement	3" to 1' elevations and plan of motion	22.11.20	C53	J70	SX11647
11655	Six Wheels Coupled Tram Engines Class C53-Rod, Pipe and Clothing Arrangement	1 1/2" to 1' arrangement of tram engine without superstructure	2.7.03	C53	J70	SX11655 (2 fiche)
11662	17 Ton Goods Brake X51 Y51 A52 Arrangement of Underframe	1 1/2" to 1' arrangement of 10' wheelbase 16' steel frame	25.7.01	X51 Y51 A52	2W	SX11662
11668	Six Wheeled Bogie for Restaurant Car LM2902	1 1/2" to 1' arrangement of bogie, 11'6" wheelbase, frame 16'1" to underframe Dg No 11252.	15.8.01	-	-	SX11668
11707	Diagram of High Sided Wagon showing Standard Writing	3/4" to 1' side elevation of wagon showing initials GE in squared style letters	19.12.01	-	17W	1149
11708	Diagram of Cattle Wagon Showing Standard Writing	3/4" to 1' outline side elevation showing squared type characters for initials only	19.12.01	-	-	1089

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
11716	Water Tank Wagon	1½" to 1' general arrangement of bogie water tank wagon My note: not built	18.2.02	1902	-	SX11716
11726	Tramcars on Wisbech Branch	½" to 1' outline general arrangements of composite and third class bogie and 4 wheel tram cars	24.4.02	-	-	1105
11918	An Arrangement of Steam Carriage for Carrying Passengers	¾" to 1' outline elevations and plan of 48'3" bogie car arc roof to seat 84 in 7 compartments 5'2" wide, vertical boiler	- .10.03	-	-	10225
11919	An Arrangement of Steam Carriage for Carrying Passengers	¾" to 1' elevations and plan of 48' bogie steam carriage 72 seats, vertical boiler, arc roof 6 compartments 6' long	- .10.03	-	-	10224
11920	An Arrangement of Steam Carriage for Carrying Passengers	¾" to 1' outline elevations and plan of 51' bogie car arc roof to seat 71 in open saloon, veranda at end, vertical boiler	-10.03	-	-	10226
12412	Drg A3 Private Owners Wagons-30 Tons Coal Wagon with Wood Body	¾" to 1' body arrangement of 32' open wagon with 2 side doors, body 5' 2 1/8" deep, width 7' 8", 26'6" wheelbase, on 4 wheel bogies 5'6" centres, channel steel underframe and 4 bottom doors	- .5.02	-	-	SX12412
12414	Drg No 43 Private Owners Wagons-20 Tons Coal Wagon with Steel Body	¾" to 1' body arrangement of 21'6" steel open wagon with 2 side doors, 4'9" deep, width 7'11", 12' wheelbase and 2 bottom doors	- .5.02	-	-	SX12414
12637	Eight Coupled Tank Engine	½" to 1' side elevation and weights of 0-8-0 tank, wheels at 7'6", 8'9" and 7' centres	28.11.03	-	-	SX12637
	Wide Suburban Brake Third Arrangement of Guards	1½" to 1' showing part side elevation and plan of		O42		

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
12702	Wide Suburban Brake Third-Arrangement of Guards Compartment with 3 3rd Class Compartments	1 1/2" to 1' showing part side elevation and plan of brake end,	3.10.01	R53 T58	521C	SX12702
12783	Bogie Suburban Brake Third G50	3/4" to 1' general arrangement of 54' 6 compartment body	22.1.02	G50	516C	10212
12837 Ren	Four Wheels Coupled Engines Class T19 Fitted with Belpaire Firebox Cab and Splashers	1 1/2" to 1' arrangement shown in relation to outline of engine.	15.11.21	T19	-	SX12837
12839	Rod, Pipe and Clothing Arrangement for T19 Class Engines with Belpaire Boilers	1 1/2" to 1' arrangement shown in relation to engine.	27.3.08	T19	-	SX12839 (2 fiche)
12856	Timmis' Patent Bogie Lead Arranged for Officers Saloon	3" to 1' arrangement of part of bogie frame and pivot with 6" to 1' details	25.2.02	X50	7C	SX12856
12870	20 Tons Coal Wagon G54	1 1/2" to 1' general arrangement of steel bodied wagon; superseded by Dg No 16285	3.3.02	G54	46W	SX12870
12913	28Ft Travelling Water Tank-Arrangement of Underframe and Bogie	1 1/2" to 1' general arrangement of bogie tank wagon My comment: not built	- .9.07	-	-	10210
12927	General Arrangement of Steel Underframe for Wide Suburban First Class Carriage	1 1/2" to 1' detailed arrangement including brakework; superseded by Dg No 14345	9.6.02	-	113C	1107
12948	Underframe for Travelling Gas Reservoir	1" to 1' detailed arrangement of 26' steel underframe, tank fixings, and brake gear with outline of tank	14.8.02	LM3182 LM3697	63W	1150
13020	Ten Wheels Coupled Tank Engine Class A55- Smokebox	3" to 1' sectional side and end elevation of smokebox	- .10.02	A55	-	10219
13028	Ten Wheels Coupled Tank Engine Class A55-Rod, Pipe and Clothing Arrangement	1" to 1' elevations and plan	- .11.02	A55	-	10220
13030	Ten Wheels Coupled Tank Engine Class A55- Arrangement of Brake	1" to 1' arrangement shown in relation to outline elevations and plan of engine Endorsed: for other alterations see Shop copy	12.11.02	A55	-	10218
13039	Ten Wheels Coupled Tank Engine-General Arrangement	1 1/2" to 1' general arrangement of 0-10-0 'Decapod' engine	- .12.02	A55	-	10223

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
I3054	General Arrangement of Low Floored Milk Van Class X53	1" to 1' general arrangement of 31'6" 6 wheel van on 2'9" wheels	13.6.02	X53	22M	I0216
I3067 Part	Arrangement of Steam Brake on Engines No 209, 210, 226-231	1½" to 1' of equipment on rear part of engine	26.11.03	209		SX13067 Part
I3078	Horse Box Body Elevations and Plan Class M54	1½" to 1' general arrangement of body	28.7.02	M54	17M	SX13078
I3082	Post Office Van D55-Exterior	1" to 1' detailed elevations and plan of 6 wheel van	30.7.02	D55	704C	SX13082 (2 fiche)
I3083	Post Office Van D55-Arrangement of Interior	1" to 1' detailed interior elevations and plan	25.9.02	D55	704C	SX13083 (2 fiche)
I3088	Arrangement of Underframe for Horsebox Class M54 and H53	1½" to 1' detailed arrangement of channel steel underframe for 6'8" body	29.10.02	M54 H53	17M	SX13088
I3114	Post Office Van D55-Gangway	3" to 1' arrangement of gangway and details of components	26.10.02	D55	704C	SX13114 (2 fiche)
I3121	10 Ton Goods Wagon 3Ft 5 5/8Ins Deep	1½" and 3" to 1' of 15' long wagon with sides 6 planks deep; for other particulars see Dg No 9606.	8.10.02	-	-	SX13121
I3133	Guard Truck for 12 Tons Accident Crane H55 Class	1½" to 1' general arrangement of truck with outline of runners	10.1.03	-	-	SX13133
I3167	McDermid's Patent Either Side Wagon Hand Brake No 2 Arrangement Fitted to LN&WR Co. 7 Tons Deep Sided Open Goods Wagon Wood Underframe	1½" to 1' arrangement of underframe and brake gear.	- .12.02	-	-	SX13167
I3170	McDermid's Patent Either Side Wagon Hand Brake Applied to Standard 15Ft Steel Underframe	1½" to 1' dimensioned arrangement, for details see Dg No 13181 and catches No 13190-13193	5.2.03	-	-	SX13170
I3194	Refrigerating Car for Messrs. Polenghi Lombardo and C. Codogno	1 to 10 arrangement of 7.86m van body with refrigerated compartments in each end, 10,000 kilos capacity built by G. Ponzio; copy of drawing by Giuseppe Ponzio, Milano	- .10.97	-	-	SX13194
I3209	Ten Wheels Coupled Tank Engine Coupling Rods	3" to 1' elevation and plan	- 1.03	A55	-	SX13209

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
13207	Ten Wheels Coupled Tank Engine-Coupling Rods	3' to 1' elevation and plan	- .11.03	A55	-	(2 fiche)
13222	Diagram of Tender for GER Engine No 0275	½" to 1' side elevation of 2,000 gallon tender	6.3.03	-	-	SX13222
13274	One or Two Horse Omnibus Nos 1 to 9	½" to 1' diagrams size 13 1/8" x 6 ¼"	- .11.03	-	-	11075
13275	Two Horse Omnibus No 10					
13276	Two Horse Omnibus No 12					
13277	One or Two Horse Omnibus Nos 14 and 15					
13278	One or Two Horse Omnibus No 16					
13279	One or Two Horse Omnibus No 17					
13280	One or Two Horse Omnibus No 18 to 21					
13281	Two Horse Omnibus No 22					
13282	Cash Omnibus No 23					
13343	Outside View of 8 Wheels Coupled Goods Engine LM3780	1½" to 1' outline side elevation, probably of engine as built	- .6.04	LM3780	-	SX13343 (2 fiche)
13345	Diagram showing formation of trains running Between Liverpool Street and Yarmouth from 1864 to 1904 Inclusive	1/16" to 1' outline side elevations of 5 trains at 10 year intervals	30.6.04	-	-	1339
13420	Six Wheels Coupled Goods Engines-General Arrangement	1½" to 1' elevations of engine	-	F48	J16	10175
13427	21Ft Open Carriage Truck Class B56	1½" to 1' general arrangement of 21' truck	6.3.03	B56	7M	9892
13430	Four Wheels Coupled Bogie Express Engine General	1½" to 1' sectional side elevation and plan of engine		S46	D14	9890

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
13430	Arrangement	1 1/2" to 1" sectional side elevation and plan of engine		540	D14	9890
13440	Four Wheels Coupled Tank Engines Class P55 Boiler	1 1/2" to 1" arrangement of boiler with full size detail of riveting Endorsed: for boiler with steel firebox see 16083 9.12.07	- .3.03	P55	F4	9891
13442	Low One Horse Lorry D&P 6686	1 1/2" to 1" general arrangement of 4 wheeled lorry length 11'8" Microfilmed from a coloured print	11.6.03	D&P 6686	-	10315
13450	Four Wheels Coupled Bogie Express Engines Class F53-Cab and Splashers	1 1/2" to 1" detailed arrangement	12.3.03	F53	D14	SX13450 (2 fiche)
13470	10 Ton Goods wagon 4'0 1/2" Deep	1 1/2" to 1" arrangement of 15' 7 plank open body with 3" to 1" details of body ironwork; for other particulars see Dg No 9606	23.3.03	-	48W	1326
13476	Four Wheels Coupled Tank Engines Class P55-Framing	1 1/2" to 1" elevations and plan of frame with 5'4" wheels and springing	- .4.03	P55	F4	11073
13490	Arrangement of Covered Goods Wagon Class F56, 157	1 1/2" to 1" general arrangement of 17'5" covered van, cancelled for H66 and future classes see new drawing same number dated 9.6.10; for underframe for G64	11.5.03	F56 157	47W	SX13490 (2 fiche)
13490	Arrangement of Covered Goods Wagon	1 1/2" to 1" general arrangement of 19'3" covered goods van with full size sections of doorway	26.8.10	-	47W	SX13490
13495	Proposed Vestibules for Officers Saloon No 48	1" to 1" part side and end elevation of clerestory body with plan of veranda with iron railings and gate	1.5.03	X50	7C	SX13495
13514	20 Tons Goods Brake-Underframe Class H56	1 1/2" to 1" arrangement of 17'6" 6 wheel steel underframe with brake details; cancelled see Dg No 14975 9.10.07	28.10.03	H56	49W	10194
13515	20 Tons Goods Brake Class H56 (Six Wheeled)	1 1/2" to 1" general arrangement of 17'6" brake body	9.10.03	H56	49W	10195

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
I3529	Six Wheels Coupled Tram Engines Class C53- General Arrangement	1½" to 1' elevations and plan	- .6.03	C53	J70	I0193
I3540	Light One Horse Trolley D&P6861	1½" to 1' general arrangement of covered trolley length 9'4"	7.7.03	-	-	I363
I3553	Four Wheels Coupled Bogie Express Engines Class D56-Cab and Splashes	1½" to 1' details of cab and splashes; altered 5.30- cab beading removed	15.9.03	D56	D15	SX13553 (2 fiche)
I3561	General Arrangement of High Sided Wagon with Top Doors 15ft Steel Underframe	1½" to 1' general arrangement of 7 plank open wagon 4'0½" deep inside	6.10.03	-	48W	SX13561
I3587	Six Wheels Coupled Goods Engines N31 Class- Arrangement of Hood and Shortened Blast Pipe	3" to 1' arrangement showing outline of smokebox	6.10.03	N31	J14	SX13587
I3613	Third Class Carriage of Dining Train C55 Nos 470, 471 & 472	¾" to 1' detailed general arrangement of 55' body, the lavatories altered to luggage lockers on No 471 restaurant car for service on Continental train	21.11.05	C55	414C	SX13613 (2 fiche)
I3652	Six Wheels Coupled Condensing Tank Engines Class S56-Cab and Tank	1½" to 1' general arrangement of cab and tanks	26.11.03	S56	J69	SX13652
I3656	55' Engine Turntable	1" to 1' general arrangement of turntable and footings	- .11.03	-	-	I0172
I3659	Arrangement of First Class Carriage Centre Corridor for Continental Trains Class T56	¾" to 1' general arrangement of 50' clerestory body	- .11.03	T56	I17C	I0174
I3660	Arrangement of 1st and 2nd Class Carriages Side Corridor for Continental Train U56 & A57	¾" to 1' general arrangement of 48'3" clerestory 6 compartment body	2.12.03	U56 A57	I18C 311C	I0173
I3661	Arrangement of Second Class Carriages with Centre Corridor for Continental Train	¾" to 1' general arrangement of 48'3" clerestory body	25.11.03	X56	310C	I0171
I3662	Arrangement of Composite Kitchen Car for Continental Train B57 Class	¾" to 1' general arrangement of body	9.12.03	B57	3C	I0651
I3663	Brake Second Class Carriage for Continental Train Class E57	1" to 1' general arrangement of body	23.11.03	E57	524C	SX13663 (2 fiche)

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
I 3664	Continental Train-Underframe for Kitchen Car B57 and First Class Car T56	1½" to 1' arrangement of underframe showing brake cylinders and gas tanks My comment: part of tracing missing but detail complete	12.2.04	B57 T56	3C 117C	SX13664 (2 fiche)
I 3665	Standard 4 Wheel Bogie for Carriages for T, U & X56, A & B57 and future Classes Except H57	1½" to 1' detailed arrangement for 8' wheelbase bogie; see Dg No 16024 for G62 and future classes	12.1.04	T56 U56 X56 A57 B57	117C 118C 310C 311C 3C	10652
I 3667	Brake Van for Continental Train Class C57	1" to 1' general arrangement of body of 32' long 6 wheeled van	3.12.03	C57	523C	SX13667 (2 fiche)
I 3684	Arrangement of Underframe for 48Ft 3Ins Bogie Corridor Carriages-Continental Train	1½" to 1' arrangement of 47'7½" channel steel underframe with sections and position of brake equipment	29.12.02	U56 X56 A57	118C 310C 311C	10170
I 3692	Four Wheels Coupled Tank Engines Class P55- Arrangement of Motion	3" to 1' elevations and plan with revised drawing numbers of components	13.2.04	P55	F5	SX13692 (2 fiche)
I 3696	Arrangement and Details of Hoops for Large One Horse Van	3" to 1' outline of van, details of hoops and cover. Endorsed: for arrangement of van see Dg No 9816A	7.3.07	-	-	SX13696
I 3707	Six Wheels Coupled Tank Engines Class S56 and LM's 3521 and 3522 Boiler Working Pressure 180lbs per sq in	1½" to 1' arrangement of boiler and full size detail of riveting	20.4.04	S56 LM3521 LM3522	J69	9889
I 3717	Luggage Crates for Parkeston Continental Service	1½" to 1' arrangement of open topped crates 7' long by 5'5" wide	16.2.04	-	-	SX13717

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
I3722	Arrangement of First Class Saloon F57	¾" to 1' general arrangement of 48'3" clerestory body	27.2.04	F57	23C	I1074
I3728	Arrangement and Details of Gangway for Continental Train T, U & X56, A, B & C57 and future stock	3" to 1' elevations and plan of gangway with sections and 6" to 1' details of fittings for diagrams 3C, I17C, I18C, 310C, 311C and 523C	12.4.04	-	-	SX13728
I3738	Arrangement of 10 Tons Boiler Lorry D&P7174	1½" to 1' general arrangement of 15'5" long, 25" dia wheels with wood frame; cancelled see Dg No I3738 dated 19.5.04	19.5.04	D&P 7174	-	SX13738 (2 fiche)
I3743	Main Line Brake Van	1" to 1' general arrangement of 32' 6 wheel brake	- .5.04	S57	532C	I0196
I3752	High Sided Wagon with Top Doors	1½" to 1' general arrangement of 7 plank 15' body, 4'0½" deep by 7'7" wide, top cupboard doors, single diagonal brace from top of body to stanchion	7.4.04	-	-	SX13752
I3842	Eight Wheels Coupled Goods Engine Class LM3780 Diagram of Boiler	1½" to 1' arrangement of details	4.3.05	LM3780	-	SX13842 (2 fiche)
I3847	Brake Arranged for Cattle and Covered Goods Wagons with 19'3" Steel Underframes LM3754 and 3756	1½" to 1' outline arrangement of underframe with brake gear and 3" to 1' details of components; for arrangement of wagons see Dg Nos I1190 and I3490	- .9.04	LM3754 LM3756	47W 7W	SX13847
I3855	Water Cart	1½" to 1' general arrangement of 2 wheeled cart, 250 gallon tank with road spray	4.1.05	-	-	I340
I3859	Arrangement of Platform Trolley with Brake	3" to 1' arrangement, 5'8" inside, rubber tyred wheels	16.7.04	-	-	I341
I3877	Arrangement of Underframe for Main Line Brake Van E58	1" to 1' arrangement of 31'4½" channel steel underframe with brake and gas cylinder details	5.9.04	E58	532C	SX13877
I3892	Wide Suburban Second Class Carriage	1" to 1' general arrangement of body	2.9.04	-	308C	SX13892
I3904	Four Wheels Coupled Bogie Tank Engines 61 Class- Arrangement for Consuming Smoke	1½" to 1' of boiler backhead with fittings mounted with full size details	- .10.04	61		SX13904

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
13914	'B' Brake Arranged for Cattle Wagons with 19'3" Steel Underframes LM2755	1½" and 3" to 1' applied to Dg No 11190 showing a form of either side brake, with parts to Dg No 13192 and 13181	25.6.07	-	7W	SX13914
13927	Proposed Arrangement for Converting Fish Trucks into Fruit Trucks	1½" to 1' elevations of proposed conversion as carried out	17.11.04	-	24M	SX13927
13949	48ft 3in Bogie Composite (Carriages)-Arrangement of (Underframe)	1½" to 1' arrangement of underframe with position of brake cylinder and reservoirs, bogie to Dg No 13665; relates to Hook of Holland train	30.12.04	-	-	SX13949 (2 fiche)
13957	Standard One Horse Lorry	1½" to 1' general arrangement of 4 wheel lorry 11'8" over body	29.11.04	-	-	SX13957
13968	Third Class Tramcars for Kelvedon & Tollesbury Branch Nos 212, 716, 728, 775, 777 and 810	1" to 1' general arrangement of 27'0¾" carriage	11.1.05	-	605C 606C	10317
13976	Arrangement of 20 Tons Boiler Trolley with 10 Tons Trailer D&P 7407	¾" to 1' elevations, sections and plan of trolley 16' long, trailer 6' a total length of 23' on 6 wheels to be drawn by pair horse	19.12.04	D&P 7407	-	SX13976
14137	Drawing 80-Private Owners Wagons-20 Tons Tank Wagon	¾" to 1' arrangement and section of wagon with 21'6" steel frame 12' wheelbase, tank 7'2 7/8" inside diameter	- .3.03	-	-	1331
14143	Drawing 70-Private Owners Wagons-40 Tons Coal Wagon Steel Frame with Steel Body	¾" to 1' general arrangement of 43' steel body, 3 side doors and 3 pairs bottom doors	- .5.02	-	-	1333
14144	Drawing 44 Private Owners Wagons-20 Tons Coal Wagon with End Door Steel Body	¾" to 1' general arrangement of body.	- .5.02	-	-	SX14144
14158	General Arrangement of Special Light Parcel Van D&P8480	1½" to 1' general arrangement of 4 wheel van 8' over rails	24.9.06	D&P 8480	-	1334
14177	Six Wheels Coupled Tank Engines Type J69 Classes S56 and P57 Rod, Pipe and Clothing Arrangement	1½" to 1' elevations, section and plan	- .10.04	S56	J69	10169
14184	Apparatus for Burning Liquid Fuel-Holden's Patent-Air Inlet and Warmer Outlet for Liquid Fuel Tank	Full size arrangement Endorsed: Dg No 151LF	25.6.00	-	-	SX14184
14206	Motor Omnibus	1" to 1' general arrangement of omnibus	- .12.06	U58	-	1058

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
14292	25 Ton Machine Truck H65 Class	1½" to 1' general arrangement of 25'6" truck with well	15.5.05	H65	27W	9888
14339	G16 Bogie as Arranged for 710 Class Rebuilds L&M3967 and 4026	3" to 1' elevations and plan of bogie	25.7.05	T19	D13	SX14339
14345	Arrangement of Underframe for Suburban Carriages 1st, 2nd, 3rd and Brake 3rd Classes	1½" to 1' arrangement of 4 wheel 26'10½" channel frame with running gear but not brakes	5.9.05	-	-	SX14345 (2 fiche)
14354	Elsenham, Thaxted & Bardfield Light Railway-Great Bardfield Station at 10 Miles	1" to 33' detailed layout of station and locomotive facilities Copy of Engineer's plan ET7 scheme 1 31.3.05	23.8.05	-	-	SX14354
14373	Arrangement of Valves, etc for Combined Westinghouse and Vacuum Brake	1½" to 1' part sectional side and end elevation and part plan of 6 wheel carriage underframe showing arrangement of brakework and 6" to 1' details of two clips Endorsed: for details of brakework see Dg No 11643; for arrangement of underframe see Dg No 11172	- .9.05	-		SX14373
14382	Arrangement of Low Large One Horse Van D&P7965	1½" to 1' general arrangement of van 13'2¼" long to carry 2½ tons for pianoforte traffic	20.11.05	D&P 7965	-	SX14382
14384	Arrangement of Low Pair Horse Lorry D&P7964	1½" to 1' general arrangement of 16'2½" long lorry to carry 5 tons	27.11.05	D&P 7964	-	SX14384 (2 fiche)
14390 Ren	Engines F4 & 5-Arrangement of Condensing Gear	1½" to 1' arrangement shown in relation to outline of engine	23.8.33	-	F4 F5 F6	SX14390 (2 fiche)
14419	Diagram of Underframe of Goods Department Crane No 3 Showing Removable Girders	¾" to 1' side and end elevations of 15'6" underframe, 6' wheelbase, 3' wheels fitted with Worsdell 'A' axleboxes	19.2.06	-	3	1355
14423	30HP Motor Omnibus Nos 4 to 7 and 15	3/8" to 1' diagram	6.4.06	-	-	1360

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
14427	20 HP Motor Omnibus Nos 1 to 3	3/8" to 1' diagram	2.5.06	-	-	1361
14439	Malleable Iron Destination Boards	Full size arrangement of destination board No 8 lettered Cheshunt and White Hart Lane	- .7.93	-	-	1332
14653 Sheet 1	Diagram of Brake-Down Vehicles at Outstations	3/4" to 1' outline elevations and plans with basic dimensions of Stratford No 1 and No 2, Ipswich and Cambridge trains plus Parkston tool van	- .9.08	-	-	SX14653 Sheet 1
14653 Sheet 2	Diagram of Breakdown Vehicles at Outstations	1/4" to 1' outline elevations and plans of cranes and vans at Lynn; Wisbech and Peterborough tool vans, Whitemoor and Norwich, Yarmouth and Lowestoft tool vans	- .9.08	-	-	SX14653 Sheet 2
14665	Covered Cement Wagon built by Thomas Moy Ltd. Peterborough	1" to 1' outline elevations of 15'11" private owners cement van; drawing originally received from Messrs. Moy 13.10.08 and passed to R. Clearing House 14.10.08	14.10.08	-	-	SX14665
14707	Bogie Third Class Carriage G60 Class	3/4" to 1' scale general arrangement of body	1.11.05	G60	417C	11086
14709	Bogie Corridor Composite Carriage F60 Class	3/4" to 1' general arrangement of body and half plan of underframe; built with elliptic roofs	13.12.05	F60	223C	11087
14733	General Arrangement of Low floored Ballast wagon X59, L63	1 1/2" to 1' general arrangement of 3 plank 13'4" dumb buffered wagon with 2'2" diameter wheels	- .11.05	X59	57W	10233
14734	General Arrangement of Guard Truck for Ballast Train X59, L63	1 1/2" to 1' general arrangement of 3 plank 13'4" wagon with buffing gear at one end and 2'2" diameter wheels	- .11.05	X59	57W	10232
14761	Drawing 100 Private Owners Wagons-10 Ton Tank Wagon for Conveying Class A Inflammable Liquids	3/4" to 1' general arrangement of 18' tank wagon, cylindrical, capacity 2,865 gallons	- .12.05	-	-	SX14761
14762	Drawing 224 Private Owners 15 Ton Wagons-Standard 15 Ton Wagon with Wood Body and Underframe	3/4" to 1' general arrangement of 18' body and underframe	- .12.05	-	-	SX14762

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
14763	Drawing 23-Private Owners 15 Ton Wagons- Standard 15 Ton Wagon with Wood Body and Steel Underframe	¾" to 1' general arrangement of 18' body and underframe	- .12.05	-	-	SX14763
14782	York & Harwich Continental Train-Arrangement of Kitchen Car P60 Class	¾" to 1' general arrangement of 50' body	24.1.06	P60	25C	10231
14783	York & Harwich Continental Train-Arrangement of 3rd Class Restaurant Car R60	¾" to 1' general arrangement of 48'3" open 3rd body	16.3.06	R60	416C	10230
14784	York & Harwich Continental Train-Arrangement of Semi-Restaurant Car (1st Class) S60 Class	¾" to 1' general arrangement of 50' open/3 compartment 1st body	31.1.06	S60	119C	10228
14785	Composite Carriage for Continental Train York & Harwich Service T60	¾" to 1' general arrangement of 50' 6 compartment body with lavatory and luggage compartment		T60	222C	10229
14786	Composite Carriage for Continental Train York & Harwich Service Class X60	¾" to 1' general arrangement of 48'3" 6 compartment body with lavatories	25.1.06	X60	221C	10244
14787	Arrangement of Third Class Carriage for York & Harwich Continental Train A61	¾" to 1' general arrangement of 48'3" 6 compartment body with lavatories	- .3.06	A61	415C	10240
14788	Arrangement of Brake Composite Carriage for Continental Train-York & Harwich Service B61	¾" to 1' general arrangement of 48'3" 5 compartment body with brake compartment	25.1.06	B61	225C	10241
14789	Brake Third for Continental Train-York and Harwich Service C61 Class	¾" to 1' general arrangement of 48'3" 3 compartment body	27.1.06	C61	526C	10242
14790	Brake Van for Continental Train-York and Harwich Service D61 Class	1" to 1' general arrangement of 32' 6 wheel brake van	27.1.06	D61	535C	10243
14796	Arrangement of Combined Vacuum and Hand Brake on 19ft Covered Goods Wagon Class M60	1½" to 1' arrangement of 19' underframe and gear	21.2.06	M60	47W	SX14796
14800	Double Deck Motor Omnibus	1½" to 1' undimensioned side and end elevations and smaller plan of inside and roof seats for 36 passengers	17.1.06	-	-	11077

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
		Copy of drawing by Gloucester Railway Carriage & Wagon Co				
14820	Outline Arrangement of 34 Seated Bus Chassis 80.1906	1" to 1' undimensioned side elevation of double deck bus, without roof Copy of J.I.Thornycroft & Co Ltd drawing dated 30.1.06	2.2.06	-	-	11083
14831	Arrangement of Combined Vacuum and Hand Brake on 16Ft Covered Goods Wagon	1½" to 1' arrangement of underframe and lower part of body, Westinghouse brake not fitted	24.2.06	-	15W	SX14831
14841	Arrangement of Combined Vacuum and Hand Brakes on 17 Tons Goods Brakes N60	1½" to 1' brake arrangement on underframe	12.3.06	N60	2W	SX14841
14924	10 Tons Goods Brake-Arrangement of Combined Vacuum and Hand Brake Class N60	1½" to 1' elevations and plan of 6 wheel underframe and brake gear	16.5.06	N60	49W	SX14924
14933	One Horse Float Van D&P8381	1½" to 1' general arrangement of van 14'6" inside length	22.5.06	D&P 8381	-	SX14933 (2 fiche)
14953	Arrangement of Third Class Carriage Class 161	¾" to 1' general arrangement of 50' elliptical roofed carriage; see Dg No 14958 for carriage as built	29.6.06	161	-	SX14953 (2 fiche)
14958	Arrangement of Carriage for Royal Guests E61	¾" to 1' general arrangement of 48'3" body	22.6.06	E61	228C	SX14958 (2 fiche)
14975	20 Tons Goods Brake Underframe Class U57	1½" to 1' arrangement of 6 wheel underframe	28.6.06	U57	49W	SX14975 (2 fiche)
14978	Standard 10In Pintsch Carriage Gas Lamp	Full size sectional elevation and plan of complete lamp with 9 5/8" glass	- .4.02	-	-	SX14978
14981	Arrangement of Fish Wagon R61	1½" to 1' general arrangement of 15' 4 plank open fitted with the Vacuum brake and Westinghouse pipe	22.8.06	R61	54W	10237

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
14984	Arrangement of Composite Carriage K61 Class	$\frac{3}{4}$ " to 1' general arrangement of 50' 6 compartment body with luggage compartment and lavatories	21.7.06	K61	224C	10236
15011	Four Wheels Coupled Tank Engines Class C59-Cab, Tanks and Coal Bunker	$1\frac{1}{2}$ " to 1' detailed arrangement; several alterations including enclosure of coal rails 2.4.25	- .9.06	C59	F4	SX15011 (2 fiche)
15031	Arrangement of Officers Saloon No 48	$\frac{3}{4}$ " to 1' general arrangement of 48'6" body with clerestory roof; roof altered to elliptic 21.12.07	31.8.06	LM3585	7C	SX15031 (2 fiche)
15081	Four Wheels Coupled Bogie Express Engines Class G61 Rod, Pipe and Clothing Arrangement	$1\frac{1}{2}$ " to 1' arrangement	9.10.07	G61	D15	SX15081 (2 fiche)
15093	Arrangement of Bogie Brake Van Classes R62	$\frac{3}{4}$ " to 1' arrangement of 50' body	26.11.06	R62	528C	10234
15889	Tenders Classes T59 (J17) and H61 (D15) for Goods and Express Engines-Framing	$1\frac{1}{2}$ " to 1' arrangement drawing, for T59 Class and D81 Class (J20) tender framing see Dg No 22336; altered 5.12.22	- .12.06	T59 H61	J17 D15	SX15889 (2 fiche)
15900	General Arrangement of Motor Omnibus Class U58	$1\frac{1}{2}$ " to 1' elevation of double deck body, sectional elevation and plan of chassis and mechanical details	21.12.06	U58	-	11082
15938	Six Coupled Tank Engines Class E22-Boiler with Steel Firebox and Direct Stays	$1\frac{1}{2}$ " to 1' detailed arrangement of boiler with full size details	- .2.07	E22	J65	SX15938
15949	Truck for Manual Fire Engine D&P8670	$1\frac{1}{2}$ " to 1' detailed general arrangement of 15' long truck fitted with Westinghouse brakes	18.6.07	D&P 8670	-	SX15949
15956	17 Ft 10 Ton High Sided Wagon LM4198 E64, E65	$1\frac{1}{2}$ " to 1' general arrangement of body and underframe	9.3.07	LM4198 E64 E65	55W	9887
15967	General Arrangement of Continental Luggage Boxes E33	$1\frac{1}{2}$ " to 1' arrangement of pair of boxes on outline of 16' frame, 10' wheelbase, size 7'0" x 6'9" x 6'2 $\frac{3}{4}$ " high Endorsed: for underframe see Dg No 8869; Westinghouse pipes altered to yellow 25.8.04 Nos 2 & 4 to be fitted	- .3.07	E33	-	SX15967

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
15974	Proposal for Adding Top Seats to Wisbech Tram Cars	1" to 1' side and end elevations of bogie tricalcar showing spiral staircases on end balconies serving double row of 10 reversible seats on open roof with 1" to 1' general arrangement of 31' 0" body and	7.3.07	-	602C 603C	SX15974
15986	General Arrangement of Milk Van with Asphalt Floor	outline of underframe; van No 1317 fitted. Asphalt replaced by oak boards 8.2.12	18.3.07	-	21M	SX15986
15987	12 Ton Machine Truck A63 Class	1 1/2" to 1' general arrangement of 18' flat truck	22.3.07	A63	24W	SX15987 (2 fiche)
16011	20 Ton Hand and Petrol B.D. Crane	3/4" to 1' outline elevations of 8 wheel crane showing range of reach and loads operated by up to 8 men Copy of Ransomes & Rapier Dg No 17888A dated 9.4.07	- .4.07	-	-	10238
16014	Low 10 Ton Machine Truck Altered to Clear L&SW & SE&C Loading Gauges	1 1/2" to 1' general arrangement of 29'6" truck and sectional end elevation	- .4.07	LM4567	22W	10239
16024	Arrangement of 4 Wheeled Bogie for Carriages for G62 and Future Classes	1 1/2" to 1' arrangement of 8' wheelbase bogie 12'7" over headstocks	16.5.07	-	-	SX16024
16044	Arrangement of Holders for Fire Irons on Mogul Tenders	1 1/2" and 3" to 1' arrangement of tender top and large scale details of components	19.6.07	-	-	SX16044
16062	Six Wheels Coupled Radial Tank Engine	1 1/2" to 1' outline side elevation of an 0-6-2T with 4'6" dia wheels, 35' over buffers	- .6.07	-	-	10651
16081 Ren	Engines Class F5 (GE Class G63) Vacuum Brake Arrangement and Details	1 1/2" and 3" to 1' shown on outline of engine	- .10.07	G63	F5	SX16081 (2 fiche)
16083	Four Wheels Coupled Radial Tank Engines P55 Class Boiler with Steel Firebox and Direct Stays	1 1/2" to 1' arrangement of boiler and firebox	18.10.07	P55	F5	SX16083 (2 fiche)
16089	Engines Class S46, F48 Boiler with Direct Roof Stays and Double Riveted Corners	1 1/2" to 1' general arrangement of boiler and firebox	15.8.07	S46 F48	D14 J16	SX16089
16112	Arrangement of Inspection Truck	1" to 1' general arrangement of open truck on 6 wheel carriage underframe	16.8.07	T64	12M	SX16112 (2 fiche)
16188	Arrangement of Superheater in Smokebox Four	3" to 1' end and side elevations	11.11.07	D56	D15	SX16188

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
16166	Coupled Express Engines D56 Class	3" to 1' end and side elevations	11.11.07	D56	D15	SX16166
16204	Arrangement of Underframe for Cattle and Covered Goods Wagons	1 1/2" to 1' general arrangement of 17'5" channel steel underframe for D64 cattle wagons and G64 covered goods	10.10.07	D64 G64	7W 47W	SX16204 (2 fiche)
16214	6 Wheeled M.L. Brake Van L64 Class	1" to 1' general arrangement of 6 wheeled brake van	9.10.07	L64	536C	10235
16219	Conversion of Whole Sided Door Wagon into Hopper Ballast Wagon D&P9305	1 1/2" to 1' general arrangement of wooden framed 16' 3 plank open altered into hopper wagon	12.2.08	D&P 3051	59W	SX16219 (2 fiche)
16244	Large One Horse Van D&P9037 (Covered) Lowered in Height from Ground to Floor	1 1/2" to 1' general arrangement of open 4 wheeled van, body length 10' 2 5/8"	29.10.07	D&P 9037	-	SX16244
16259	Six Wheels Coupled Goods Engines Class L52-Rod, Pipe & Clothing Arrangement	1 1/2" to 1' elevations and plan and index to components	7.2.08	L52	J16	10546
16285	20 Tons Loco Coal Wagon	1 1/2" to 1' general arrangement of 21'6" steel bodied wagon; for arrangement and details of double brake on P71 and future classes see Dg No 18078 1.4.12; for M73 and future classes see Dg No 18248 7.12.13	16.1.08	P71	46W	10545
16367	7 Ton Boiler Lorry D&P9255	1 1/2" to 1' general arrangement of lorry 11'11 1/2" inside, 7'8" wheelbase	14.2.08	D&P 9255	-	SX16367
16371	Rebuilt Engines Classes S46, F48-Boiler Fitted with Roof Bars and Double Riveted Corners	1 1/2" to 1' arrangement of boiler and full size details of riveting	- .2.08	S46 F48	D15	10565
16391	Ballast Spreading Plough Fitted to Permanent Way Brake Van D&P3906	1 1/2" to 1' general arrangement of plough and brake van; two brakes to be fitted to this for details see Dg No 16392	16.3.08	-	60W	SX16391
16392	Details of Ballast Spreading Plough D&P3906	3" to 1' arrangement and details of plough	13.4.08	-	60W	SX16392 (2 fiche)
16412	Four Wheels Coupled Bogie Engines Class T19 Belpaire with G16 Bogie- Rod, Pipe and Clothing Arrangement	1 1/2" to 1' elevations and plan	5.6.08	T19	D13	10584

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
16437	Arrangement of Four Wheeled Goods Brake Underframe C65 Class	1½" to 1' arrangement of 17'6" steel frame showing braking details and weights; cancelled for P73 and future classes see Dg No 18440; for arrangement of body see Dg No 16438	29.6.08	C65	56W	10538
16438	Four Wheels 20 Tons Goods Brake-Arrangement of Body	1½" to 1' detailed arrangement of 17'6" body	13.8.08	C65	56W	10539
16482	Arrangement of Brake Third Class B65	¾" to 1' general arrangement of 50' body; see Dg No 19106 for ends with standard gangway	16.6.08	B65	537C	10564
16489	Arrangement of Ballast Brake X64 Class	1½" to 1' general arrangement of 20' brake	7.7.08	X64	58W	10562
16492	Proposed Cover for Egg Wagons	¾" to 1' outline general arrangement of steel framed truck showing a boarded roof either side of 6'3" opening covered by tarpaulin supported by 5 movable rails	16.6.08	I48	I3W	SX16492
16523	Six Wheels Coupled Tank Engines T18 Class-Arrangement of Whitakers Patent Tablet Exchange Apparatus	1½" to 1' elevations and plan of apparatus on lower part of cab of position of catcher and 3" to 1' details of brackets and platework	27.7.08	T18	J66	SX16523
16525	Four Coupled Bogie Express Engines Class D56-Cab and Splasher Arrangement	1 ½" to 1' elevations and plan of components	- .7.08	D56	D15	10563
16685	Four Wheels Coupled Radial Tank Engines Y65 Class-Rod, Pipe and Clothing Arrangement	1½" to 1' side and end elevation and plan of 2-4-2 engine	10.6.09	Y65	F7	10197
16734	Arrangement of Brake Composite Carriage Class T66	¾" to 1' arrangement of 50' body and interior detail	3.9.09	T66	235C	10542
16740	First Class Saloon X65	¾" to 1' general arrangement of 50' body and interior details and section	7.1.09	X65	20C	10540
16741	Arrangement of Underframe for First Class Saloon X65	1½" to 1' arrangement of wood frame 49'4½" long, brake details and gas lighting apparatus	14.1.09	X65	20C	10536

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
16743	Six Wheels Coupled Goods Engines G58 Class-Smokebox	3" to 1' sectional elevations of smokebox; for non superheater engines fitted with cylinders as altered for superheater engines see Dg No 20615 for steam pipe and connection 20.1.16	23.12.08	G58	J17	10537
16775	General Arrangement of Liquid Fuel Burning Apparatus on Four Coupled Express Engine Holden's Patent System Dg No 434 L.F.	¾" to 1' outline general arrangement with elevations and plan of Claud Hamilton engine with sectional views of apparatus in fire box and tender, no dimensions	- .12.06	S46	D14	10560
16776	Four Wheels Coupled Bogie Locomotive Burning Liquid Fuel Holden's Patent System Dg No 389 L.F.	¾" to 1' outline general arrangement with sectional views of apparatus in firebox and tender, no dimensions; cancelled see new tracing Dg No 17836	- .11.02	S46	D14	10559
16799	Arrangement of Accelerating Apparatus for Vacuum Brake on 19' Covered Goods Wagons	1½" to 1' part elevations and plan of underframe with vacuum brake cylinder and reservoir	8.3.09	-	47W	SX16799
16822	Arrangement of Main Line Milk Van A66 Class	1" to 1' general arrangement of body and 6 wheel underframe; for further particulars of underframe see Dg No 13877	21.5.09	A66	40M	SX16822 (2 fiche)
16823	Main Line Parcels Van	1" to 1' general arrangement of body on 6 wheel underframe; for underframe arrangement see Dg No 16822	20.4.09	D66	39M	SX16823
16834	General Arrangement of Gunpowder Van G66 Class	1½" to 1' general arrangement of 16' steel bodied van	13.5.09	G66	62W	SX16834
16849	Arrangement of Wood Underframe for Cattle Boxes S66 Class	1½" to 1' arrangement of 21'4" wood frame with details of hand and Westinghouse brake	3.11.09	S66	19M	10550
16867	Steel Underframe for 17Ft Wagon	1½" to 1' plan of 17' channel frame, 9'6" wheelbase	28.7.09	-	-	SX16867

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
16868	GNR, GCR and GER 10 Ton Covered Goods Wagon	1½" to 1' general arrangement of van on outline of 19' underframe; underframe as for 17' high sided wagon	- .8.09	-	-	SX16868
16869	GNR, GCR and GER 17Ft High Sided Wagon	1½" to 1' general arrangement of wagon 9'6" wheelbase, 4'0½" deep body with 2 diagonals, 5'3" side door	- .8.09	-	-	SX16869
16870	GNR, GCR and GER Alternative Underframe for 17Ft High Sided Wagon	1½" to 1' arrangement of 9'6" wheelbase steel underframe, GCR axleboxes; for handbrake see arrangement of 17Ft high sided wagon	- .8.09	-	-	SX16870
16871	GN, GC, GE 10 ton Coal Wagon	1½" to 1' general arrangement of 15' 7 plank open 8'0" wide body on wood frame My comment: this design not built for GER service	- .8.09	-	-	SX16871
16872	GNR, GCR, GER-Alternative Underframe for 10 Ton Coal Wagon	1½" to 1' arrangement of 15' wood underframe, 9'6" wheelbase My comment: this design not built for GER service	- .8.09	-	-	SX16872
16873	GNR, GCR, GER-Arrangement of Body for 10 Ton Covered Goods Wagon	1½" to 1' general arrangement of 19' covered van, wood frame, 10'6" WB, body clad with vertical boarding	- .9.09	-	-	SX16873
16874	Arrangement of 10 Ton Covered Goods Wagon	1½" to 1' general arrangement of 19' van with full size detail of roof construction	15.9.09	P68	72W	10548
16875	GNR, GCR, GER Arrangement of 19Ft 10 Tons Open Goods Wagon	1½" to 1' arrangement of 6 plank open, 3'5" deep body showing steel and wood frame My comment: this design was not built for the GER	13.9.09	-	-	10549
16876	GNR, GCR, GER-Arrangement of 17' 10 Ton Open	1½" to 1' general arrangement of 17' 7 plank wagon	- 9.09	-	-	SX16876

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
16876	Goods Wagon	on steel frame	- .9.09	-	-	SX16876
16885	Four Wheels Coupled Radial Tank Engines Y65 Class- Rod, Pipe and Clothing Arrangement	1½" to 1' detailed elevations and plan	10.6.09	Y65		SX16885 (2 fiche)
16914	Underframe Arrangement of 4 Wheeled 20 Tons Goods Brake Class P66	1½" and 3" to 1' arrangement; for body Dg No 16438, ironwork 16441, brakework 16442	8.10.09	P66	56W	SX16914
16919	General Arrangement of Cattle Wagon with Wood Underframe Class C67	1½" to 1' general arrangement of 18'7" wagon on wooden underframe My comment: tracing damaged on lower right but no loss of detail	11.11.09	C67	71W	10566
16935	Arrangement of Four Wheeled Bogie for GE Carriages	1½" to 1' elevations, plan and section of 8' wheelbase bogie	12.5.10	-	-	SX16935
16935	Arrangement of 4 Wheel Bogie for Carriages	1½" to 1' general arrangement of 8' wheelbase bogie My note: some loss of detail at right hand side	30.5.10	-	-	SX16935
16938	Arrangement of Body for Second Class Suburban Carriage	1" to 1' general arrangement of body of 26' wide 5 compartment carriage for stock built in 1898	4.11.09	-	307C	SX16938
16988	Arrangement of Brake Van for Antwerp Train L67	¾" to 1' general arrangement of 50' body	14.2.10	L67	539C	10547
16997	Four Wheels Coupled Radial Tank Engines Class P55, F4-Rod, Pipe, Clothing and Brake Arrangement	1½" to 1' side and end elevations and plan	30.3.11	P55	F4	10583
16997	Four Wheels Coupled Radial Tank Engines Class P55, F4-Rod, Pipe, Clothing and Brake Arrangement	1½" to 1' side and end elevations and plan	30.3.11	P55	F4	SX16997 (2 fiche)
17201	Six Wheels Coupled Bogie Express Engines Type B12 Classes S69 Framing Arrangement	1½" to 1' elevations, section and plan	- .9.31	S69	B12/3	10114
		1½" to 1' detailed arrangement of cab and splashers with full size details				SX17260

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
17260	Six Wheels Coupled Express Engines Class 1500 Type B12-Cab and Splashers	Endorsed: for framing of engines built by Messrs. Beyer, Peacock & Co see Dg No 27671; several alterations, including cab roof, position of plates and beading My comment: tracing damaged top right but detail complete	3.6.19	S69	B12	(2 fiche)
17387	Arrangement and Details of Standard Brake for 10 Ton Wagons	1½" to 1' arrangement of brake with profiled brake blocks and notched rack for 15' and 17' wagons with 3" to 1' details of components	21.2.10	-	-	SX17387
17401	Arrangement of Horse Box (Wood Underframe 13'6" Wheelbase) F67 Class	1½" to 1' general arrangement of 20' 2" horse box on wood underframe with detail of WH brake, Vacuum pipe and steam heat pipe	19.4.10	F67	28M	SX17401 (2 fiche)
17488	Third Class Restaurant Car C68	¾" to 1' general arrangement of 50' body	20.6.10	C68	425C	10134
17499	Arrangement of 34Ft 6Ins Brake Van G68	1" to 1' general arrangement of 34'6" elliptical roofed van body	24.8.10	G68	540C	SX17499 (2 fiche)
17504	Arrangement of 1st Class Main Line Carriage	¾" to 1' general arrangement of 50' corridor body with 6 compartments and lavatory	16.7.17	-	122C	10188
17506	Bogie Corridor Composite Carriage A, F, X68, E71	¾" to 1' general arrangement of 50' corridor body with 5 compartments, luggage compartment and lavatory	10.2.10	A68 F68 X68 E71	235C	10189
17591	Arrangement of 1st Class Bogie Suburban Carriage	¾" to 1' general arrangement of 54' 8 compartment body	25.11.10	Y68	104C	10203
17592	Arrangement of 1st & 2nd Class Composite Suburban Carriage	¾" to 1' arrangement of 54' 9 compartment body and 1/8" to 1' diagram of train formation	18.11.10	B69	237C	10198
17593	Arrangement of Bogie Suburban 2nd Class Carriage	¾" to 1' general arrangement of 54' 10 compartment body	4.11.10	A69	300C	10201

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
17594	Arrangement of 3rd Class Bogie Suburban Carriage	¾" to 1' general arrangement of 54' 10 compartment body	23.11.10	L70	428C	10199
17595	Arrangement of Bogie Brake Third Class Suburban Carriage	¾" to 1' general arrangement of 54' 7 compartment body	22.11.10	D64	542C	10200
17600	Arrangement of 1st and 3rd Class Composite Suburban Carriage	¾" to 1' general arrangement of 54' 9 compartment body	29.12.10	C69	236C	10190
17601 Ren	Boiler Arrangement Engines F4, F5 and F6	1½" to 1' arrangement of boiler with 6" to 1' scale of joints	12.11.45	-	F4 F5 F6	SX17601
17633	Four Wheels Coupled Tank Engines Class G69-Cab, Tanks and Coal Bunker	1½" to 1' elevations and plan; coal rails filled in 3.4.25; altered 11.34	19.1.11	G69	F6	SX17633 (2 fiche)
17642	Four Wheels Coupled Tank Engines Class G69-Arrangement of Condensing Gear	1½" to 1' gear shown in relation to outline elevation and plan of engine	26.1.11	G69	F6	SX17642
17681	Arrangement of First Class Saloon R69	¾" to 1' general arrangement of 50' body	14.3.11	R69	29C	1351
17685	Four Wheels Coupled Radial Tank Engines Class G69-Rod, Pipe and Clothing Arrangement	1½" to 1' detailed elevations and plan	17.3.11	G69	F6	10177
17713	Arrangement of Underframe for First Class Saloon R69	1½" to 1' arrangement of wood underframe and brake	10.5.11	R69	29C	SX17713 (2 fiche)
17726	Arrangement of Continental Luggage Boxes	1½" to 1' general arrangement, a development of Dg 17722	3.4.11	LM5648	-	SX17726
17727	Arrangement of 7 Ton Float Van D&P918	1½" to 1' general arrangement of 4 wheeled van, body length 15'10"	11.4.11	D&P 918	-	SX17727 (2 fiche)
17733	Arrangement of Low One Horse Lorry D&P921	1½" to 1' general arrangement of 4 wheel lorry 14'2" over body to carry 2½ tons	7.4.11	D&P 921	-	SX17733
17799	Arrangement of Third Class Restaurant Car	¾" to 1' general arrangement of body and interior	31.5.11	Y69	427C	10653

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
17805	Arrangement of 65' Engine Turntable	1 1/2" and 1" to 1' general arrangement of turntable and footings	- .6.11	-	-	10185
17836	Four Coupled Bogie Express Engines Class D56- Liquid Fuel Burning Apparatus	1 1/2" to 1' arrangement of apparatus	- .7.11	D56	D15	1377
17873 -1	Diagram Showing Proposed Writing and Space for Advertising on Box Parcel Carts and Vans	1/2" to 1' outline side elevations of 6 vehicles showing proposed writing	15.9.11	-	-	1329
17873 -3	Diagram Showing Proposed Writing and Space for Advertising on Box Parcel Carts and Vans	1/2" to 1' outline side elevations of 6 vehicles showing proposed writing	26.2.12	-	-	1330
17873	Arrangement of Electric Lighting and Heating Fittings on Underframe for First Class Saloon R69 Class	1 1/2" to 1' arrangement with dynamo and accumulator boxes	22.9.11	R69	29C	SX17873
17905	Arrangement of Underframes for Open & Covered Trucks D&F71	1 1/2" to 1' arrangement of 20'11" channel steel underframe with brake details	4.12.11	D71 F71	7M 10M	1335
17936	Arrangement of One Horse Van D&P1469	1 1/2" to 1' general arrangement of 4 wheeled covered van 8'6" inside length	4.12.11	D&P 1469	-	SX17936
18021	Six Wheels Coupled Goods Engines Class E72 (J19) Framing	1 1/2" to 1' elevations and plan of framing	14.8.12	E72	J19	SX18021 (2 fiche)
18025	Six Wheels Coupled Coal Engines Class E72 (A81 Robinson Superheater) fitted with Schmidt Superheater Smokebox	3" to 1' sectional elevation and plan of smokebox Endorsed: work to red for A81 2.9.20	20.8.12	E72	J19	SX18025 (2 fiche)
18029	Six Wheels Coupled Goods Engines E72 Class-J19/2, J20-Arrangement of Motion	3" to 1' arrangement of motion and some detail of cylinders	25.9.12	E72	J19/2 J20	SX18029 (2 fiche)
18032	Six Wheels Coupled Superheater Coal Engines Class E72 (J18 & 19)-Rod, Pipe, Clothing and Lubricating Arrangement	1 1/2" to 1' elevations and plans	- .9.12	E72	J18 J19	SX18032 (2 fiche)
18066	Four Wheels Coupled Bogie Express Engines with Superheater, Cylinders with Piston Valves	3" to 1' detailed elevations and sections of cylinders with schedule of drawings of components	- .4.12	S46	D15	SX18066 (2 fiche)
18160	LNWR 50ft Open Parcels Sorting Van Fitted up as a Hospital Ward	1" to 1' general arrangement of 50' body Copy of LNWR drawing dated 5.09	- .3.13	-	-	10654

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
18187	Apparatus for Burning Liquid Fuel-Holden's Patent-Arrangement of Burners in Ashpan of Special Construction	1½" to 1' elevations, sections and plan of firebox showing internal arrangements and details of fuel supply Endorsed: for other information see Dg No 257LF; for ashpan see Dg No 396LF My comment: principal Dg No 397LF	- .8.02	-	-	SX18187
18195	Liquid Fuel Tanks for Standard Tenders-Capacity 600 Gallons	1½" to 1' arrangement of pair of cylindrical tanks 15' 3" long and 2' diameter with connection shown on outline of tender tank Endorsed: tank to Dg No 7854 (the tender tank?) My comment: drawing marked as 191LF	14.2.94	-	-	SX18195
18197	Liquid Fuel Tank-Capacity 2,500 Gallons	1½" to 1' general arrangement of cylindrical tank on standard 15' Fox's pressed steel underframe, wheelbase 9', timber cradle with 8" wide timber end stanchions and crossbeam Endorsed: 6' 0" diameter of tank shown on drawing, dimension only reduced to 5' 3" and title amended to 2,000 gallon capacity My comment: drawing marked as 201LF	4.12.94	-	-	SX18197
18248	20 Tons Loco Coal Wagon	1½" to 1' general arrangement of 21' steel bodied wagon	5.9.12	M73	46W	1366
18251	Lettering for Vacuum Braked Covered Goods Wagons	¾" to 1' outline side elevations of 19' and 16' vans with GE and 'V'	21.8.12	-	15W 47W	1371
18309	Arrangement of Main Line Third Class Carriage Class C73	¾" to 1' general arrangement of 54' 8 compartment non corridor carriage	2.10.13	C73	430C	10208
18430	General Arrangement of Refrigerator Van F73	1½" to 1' general arrangement and interior detail of 19'2" covered van with ice chambers; for alteration to	9.12.12	F73	64W	SX18430

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
18430	General Arrangement of Refrigerator Van L73	17'2" covered van with ice chambers, for alteration to ice chambers see Dg No 18839	7.12.12	L73	6444	(2 fiche)
18440	Underframe Arrangement of Four Wheeled 20 Tons Goods Brake	1½" to 1' detailed arrangement of 17'6" steel frame showing brake details and weights	14.1.13	-	56W	10541
18473	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement and Details of Feed Water Heater	1½", 3" and 6" to 1' arrangement shown in relation to outline of engine with enlarged details of components	11.1.13	D56	D15	SX18473 (2 fiche)
18518	Four Wheels Shunting Tank Engine B74 Class (Y4)-Motion Arrangement	3" to 1' elevations and plan of motion	5.3.13	B74	Y4	SX18518 (2 fiche)
18531	Four Wheels Coupled Shunting Engines Class B74 (Y4)-Smokebox	3" to 1' sectional side and end elevations of smokebox and upper part of cylinder	1.5.13	B74	Y4	10573
18541	Four Wheels Coupled Shunting Tank Engine B74 Class-Cab, Tanks and Coal Bunker	1½" to 1' detailed elevations and plan; shows 1'9" wide 4 digit numberplate amended to 1'6½" for 3 digit plate	20.5.13	B74	Y4	10167
18544	Four Wheels Coupled Shunting Tank Engine Class B74-Y4 Rod, Pipe, Clothing and Injector Arrangement	1½" to 1' elevation and plan	2.6.13	B74	Y4	10168
18590	Arrangement of Pair Horse Lorry D&P2342	1½" to 1' general arrangement 14'2½" length outside, load 5 tons	7.4.13	D&P 2342	-	SX18590
18592	Arrangement of One Horse Lorry	1½" to 1' general arrangement of 11'8" flat body, 6'9" wheelbase Microfilmed from a coloured print	10.4.13	-	-	10304
18601	Sketch showing Arrangement of Additional V.V.T. Pump and Connections on L.H. Side of Tank Engines Nos 168 and 169 for Epsom & Thaxted Branch	1½" to 1' part side elevation of engine showing position of pump	19.2.13	S56	J69	SX18601
18695	Arrangement of Fire Engine Truck for Ipswich D&P2349	1½" to 1' general arrangement of 15' truck with 2'9" diameter wheels and loading boards	2.5.13	D&P 2349	-	SX18695
18741	Arrangement of Body for General Van	1" to 1' arrangement of 32' body and interior detail; for arrangement of underframe see Dg No 18742	20.6.13	M74	44M	10543

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
18742	Arrangement of Underframe for Fish Van M74 Class	1" to 1' arrangement of 6 wheel 31'10½" wood frame showing dual brake details; used for general van to Dg No 18741	17.6.13	M74	44M	10544
18791	Arrangement of Bogie Suburban Composite Carriage T74	¾" to 1' general arrangement of 54' 2nd and 3rd class carriage with diagram of standard formation of train-Ilford service	1.7.13	T74	238C	10206
18811	50Ft Brake Third Class Carriage Fitted up as Travelling Hospital Ward to Accommodate 20 Men	¾" to 1' general arrangement of body and interior layout and sections showing alterations	- .4.14	-	-	1353
18917	Six Wheels Coupled Goods Engines Class F48- Arrangement of Hydraulic Reversing Gear	1½" to 1" arrangement shown in relation to outline of engine	21.10.13	F48	J16	SX18917
18933	Arrangement of Continental Wagon B75	1½" to 1' general arrangement of 22'10" open wagon	14.10.13	B75	69WV	SX18933 (2 fiche)
18940	Six Wheels Coupled Goods Tank Engines Class G75- Cab, Tanks and Coal Bunker	1½" to 1' detailed arrangement; bunker rails filled in 3.4.25	27.10.13	G75	J68	SX18940 (2 fiche)
18959	Arrangement of Pair Horse Van D&P2803	1½" to 1' general arrangement of 4 wheel open top van 11'9½" outside Microfilmed from a coloured print	10.11.13	D&P 2803	-	10308
18961	Chimneys for All Classes	3" to 1' elevations and plans of 3 types of chimneys with schedule of dimensions for various classes	24.10.13	-	-	SX18961
18980	Arrangement of One Horse Van D&P 2805	1½" to 1' general arrangement of 4 wheeled covered van 9' inside, to carry 2½ tons Microfilmed from a coloured print	8.12.13	D&P 2805	-	10306
19076	Arrangement of 1 Horse Express Express Parcel Van	1½" to 1' general arrangement of 4 wheeled van, 8' long body to carry 1 ton Microfilmed from a coloured print	13.3.14	D&P 3051	-	10307

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
19082	Arrangement and Details of Hand Brake and Stepboards for No 9 Tramway Luggage Van for use on Flossham & Thetford Light Railway	1" to 1' arrangement of brake gear on outline of van with 3" to 1' details of brake components	23.1.14	Y16	604C	SX19082
19133	Arrangement of First Class Restaurant Car with Kitchen Class L76	¾" to 1' general arrangement of 54' body with outline underframe	27.2.14	L76	31C	SX19133 (2 fiche)
19153	General Arrangement of Third Class Restaurant Car M76	¾" to 1' general arrangement of 54' body, outline underframe Microfilmed from a coloured print	16.3.14	M76	431C	10316
19156	Six Wheels Coupled Coal Engines Class F48 Diagram of Hydraulic Power Reversing Gear	Unscaled diagram and detailed written explanation of working	- .2.14	F48	J16	SX19156
19160	Arrangement of Third Class Carriage Fitted with Iron Panels and Partitions	¾" to 1' general arrangement of 50' carriage clad in Lysaght's plates No 18 gauge, steel charcoal finish. Endorsed: steel panels removed on No 641 and 642 width over mouldings 8'10 1/8" 6.9.25, teak panels substituted	26.2.14	-	419C	10309
19161	Arrangement of Single Bolster Wagon C76 Class	1½" to 1' general arrangement of 12' wagon	12.3.14	C76	66W	SX19161
19175	Proposed Four Wheels Coupled Bogie Express Engine (2nd Scheme)	1" to 1' side outline elevation of 4-4-0 engine with 20" by 28" cylinders	27.2.14	-	-	SX19175
19232	Six Wheels Coupled Radial Tank Engines L77 Class-N7-Arrangement of Motion (Walschaerts)	3" to 1' elevations and plan of motion My comment: some insignificant detail missing on right hand side	30.7.14	L77	N7	10556
19249	Six Wheels Coupled Radial Tank Engines Class L77-Cab and Tanks and Coal Bunker	1½" to 1' detailed arrangement	5.10.14	L77	N7	SX19249
19249 Att 4	Six Wheels Coupled Radial Tank Engines Class K85-Alteration to Destination Board Brackets	1½" to 1' end elevation of engine	- .10.21	K85	N7	SX19249 Att 4

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
19250 Att	Six Wheels Coupled Radial Tank Engines Class L77 (Non-Superheated)-Smokebox	3" to 1' arrangement of smokebox	12.12.14	L77	N7	SX19250
19272	~~Six Wheels Coupled Radial Tank Engines Class L77~~ Arrangement of Rod, Pipe and Clothing, Injector ~~Gear, Mechanical Lubrication, Steam Heating, Sanding~~	1½" to 1' arrangement of equipment on engine.	12.12.14	L77	N7	SX19272 (2 fiche)
19275	Six Wheels Coupled Radial Tank Engines Class L77 Brake Arrangement	1" to 1' outline elevations and plan of engine showing arrangement	22.10.14	L77	N7	SX19275
19336	Diagram of Proposed Four Wheels Coupled Bogie Express Goods Engine with Outside Cylinders and Walschearts Valve Gear	1½" to 1' outline side elevation of engine with 5'8" diameter wheels	29.4.14	-	-	SX19336
19351	Arrangement of 10 Ton Covered Goods Wagon	1½" to 1' general arrangement of 19' covered van with full size constructional details My comment: tracing damaged but no loss of detail	4.5.14	-	72W	SX19351 (2 fiche)
19356	Arrangement of Plate Glass Wagon D76 Class	1½" to 1' general arrangement of 28' long wagon	4.6.14	D76	67W	10558
19356	Arrangement of Plate Glass Wagon D76 Class	1½" to 1' general arrangement of 28' long wagon Microfilmed from a coloured print	4.6.14	D76	67W	10303
19385	Arrangement and Details of Sheet Tilt for 17Ft 0Ins High Sided Wagon	1" to 1' outline elevations of high sided wagon showing sheet tilt, 3" to 1' details of components; for GA of wagon see Dg No 15956 or 16876-1	12.6.14	-	55W	SX19385
19404	Arrangement and Details of Meat Van 177 Class	1½", 3" and 6" to 1' general arrangement of body and ironwork details	26.10.14	177	65W	SX19404 (2 fiche)
19534	Diagram of Proposed Four Wheels Coupled Bogie Express Goods Engine	1" to 1' outline and side elevation of 4-4-0 tender engine with S69 boiler with firebox lengthened 6"	22.8.14	-	-	SX19534

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
19540	Arrangement of 13Ft Single Bolster Wagon for Rail Train R77	1½" to 1' general arrangement.	20.8.14	R77	70W	SX19540
19548	Diagram of Proposed 6 Wheels Coupled Express Goods Engine	1" to 1' elevations of engine similar to S69 but with 5'8" wheels and outside cylinders	22.8.14	-	-	SX19548
19554	Arrangement of 20 Ton Loco Coal Wagon Class H77	1½" to 1' general arrangement of steel bodied wagon	28.10.14	H77	46W	SX19554
19574	General Service Wagon for War Department Mark X Arrangement of Body	1½" to 1' general arrangement.	11.8.14	-	-	SX19574
19575	General Service Wagon for War Department Mark X Arrangement of Undercarriage	1½" to 1' arrangement.	14.8.14	-	-	SX19575
19877	Four Wheels Coupled Bogie Express Engines Class D56-Arrangement of the 'Weir' Feed Pump, Heater and Spray Valve	1½" to 1' apparatus shown on outline of engine	- .1.15	D56	D15	SX19877 (2 fiche)
19965	District & Number Plate for Engines	Full size of plate 7" x 4¼" deep, bottom corners rounded off inscribed 'District', number range 1 to 5, showing position on tender and tank engines	18.2.15	-	-	SX19965
19987	Diagram of Proposed Auto Train for Service on Blackwall Line	¼" to 1' plan of train: 3rd, 3rd and Compo 6 wheel stock open saloons with seats along sides and corridor connections	6.3.15	-	-	SX19987
19988	General Arrangement of 21Ft 0Ins by 9Ft 0Ins Open Carriage Truck	1½" to 1' general arrangement of truck and underframe details	19.4.15	D78	50M	10557
20021	Arrangement of Low Sided Wagon with End Doors	1½" to 1' outline elevations and plan of 15' 3 plank dropside wagon showing construction of hinged end; these wagons to be marked For Military Traffic, wagon to arrangement Dg No 10886	8.4.15	-	68W	SX20021

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
20058	Four Wheels Coupled Bogie Express Engines Class T19 Belpaire Fitted with Robinson's Superheater- Smokebox	3" to 1' detailed elevations of smokebox	2.5.15	T19	D13	SX20058
20076	Guard Trucks for 35 Tons Accident Crane	1" to 1' detailed arrangement of truck converted from spare 2nd class suburban carriage underframes; trucks marked 'A' and 'B' My comment: from 2nd class underframes Nos 530 and 558	19.5.15	-	-	10555
20099	Ambulance Train for France-Arrangement of Body for Ward Cars	¾" to 1' elevation of body side and interior plan	26.5.15	-	-	SX20099
20222	Electro Mechanical Train Control-Arrangement and Details of Ramp	1½" to 1' arrangement of ramp on track and 6" scale details Endorsed: for details see Dg 22299	20.8.15	-	-	SX20222
20549	Arrangement of 17'0" Low Sided Wagon L79 Class	1½" to 1' general arrangement of dropside wagon My comment: not built for GER traffic	- .7.17	L79	-	10191
20606	Body Arrangement of Body of Motor Delivery Van for Use of Chief Engineer's Department LM7572	1½" to 1' arrangement of body 8'8¼" long to carry 30cwt shown on outline of chassis	21.1.16	LM7572	-	10305
20671	Six and Four Wheels Coupled Tank Engines Classes L77 and P55 and G69 Types N7, F4, 5 & 6- Arrangement of Radial Axle Box	3" to 1' elevations and sections	- .1.16	L77 P55 G69	N7 F4 F6	SX20671
20721	Electro Mechanical Train Control	6" to 1' arrangement of gear and full size details of components	8.3.16	-	-	SX20721
20768	Arrangement of Brake Van for Royal Train	¾" to 1' general arrangement of 50' body	7.7.16	H79	546C	SX20768 (2 fiche)
20812	Arrangement of Dual Brake for Cattle Wagons	1½" to 1' arrangement of steel underframe and running gear.	25.5.16	-	-	SX20812

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
20612	Arrangement of Dual Brake for Cattle Wagons	Endorsed 20 cattle wagons fitted with Vacuum brake to be altered to this	23.5.16	-	-	SX20612
21023	Arrangement of Large One Horse Van	1½" to 1' general arrangement of 10' 4 wheeled van to carry 2 tons 10 cwt	22.8.16	-	-	SX21023
21025	General Arrangement of Cattle Wagon Class 179	1½" to 1' general arrangement of 18'7" wagon	1.9.16	179	71W	SX21025
21229	Carriage, Travelling, B.L. 6 Inch Gun Mark V./L/.	1½" to 1' general arrangement of 2 wheeled artillery gun Copy of Dg No RCD 14546 dated 20.7.16 My comment: a fine drawing of a First World War field gun	20.7.16	-	-	SX21229 (2 fiche)
21242	Four Wheels Coupled Radial Tank Engines G69 Class (F5 & F6)-Vacuum Brake Ejector Arrangement	1 ½" to 1' arrangement of ejector on engine with 3" and 6" to 1' details of components	- .11.16	G69	F5 F7	SX21242
21244	Arrangement of One Horse Express Parcel Van	1½" to 1' general arrangement 4 wheels 7'10½" inside, load 1 ton 5 cwt	13.11.16	-	-	SX21244
21266	20 Ton Covered Goods Wagon-Arrangement of Underframe	1" to 1' detailed arrangement of 25' underframe, wheelbase 13'3" Endorsed: for France	5.12.16	-	-	SX21266
21312	Arrangement of 20 Ton High Sided Wagon	1" to 1' general arrangement of 25' wagon, double side doors, depth 4'9" with sheet rail Endorsed: wagons for France	18.12.16	-	-	SX21312
21313	20Ton Covered Goods Wagon-Arrangement of Body	1" to 1' general arrangement of 25' covered van, 13'3" wheelbase, corrugated iron roof with 6" to 1' scale detail of doorway Endorsed: for France	13.12.16	-	-	SX21313

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
21315	Arrangement of 20 Ton Low Sided Wagon	1" to 1' general arrangement of 25' wagon, 12' wheelbase, depth 1'11 5/8" with off centre side door and inward hinged end doors Endorsed: for France	8.12.16	-	-	SX21315
21426	Passenger Tank Engine Type 0-4-4	¼" to 1' side and end elevation with weights and dimensions class D3 Copy of LB&SCR Dg No 1771	5.2.17	-	-	1359
21618	Four Wheeled Timber Carriage	1" to 1' general arrangement, to carry 4 tons	24.7.17	-	-	SX21618
21827	Furness Railway 0-6-0 Type Goods Engines	½" to 1' outline side elevation of engine Endorsed: traced from blueprint No 8960 dated 10.4.13 for Furness Rly Barrow	16.1.18	-	-	1095
21828	Association of Railway Locomotive Engineers- Proposed 2-6-0 Standard Goods Engine	¼" to 1' side and end elevations Copy of Midland Dg No S1734 dated 3.12.17	23.1.18	-	-	1092
21829	Association of Railway Locomotive Engineers- Proposed 2-8-0 Standard Engine	¼" to 1' side elevation of engine Copy of Midland Dg No S3346 dated 3.12.17	5.2.18	-	-	1093
21837	Arrangement of First Class Saloon F80	¾" to 1' general arrangement of 54' body; cancelled see 21936	8.2.18	F80	34C	1144
21838	Arrangement of Underframe for First Class Saloon F80	¾" to 1' arrangement of underframe with brakes and lighting gear; for new arrangement see Dg No 32193	-	F80	34C	1145
21843	Class N Engine Built 1917	¼" to 1' diagram of 2-6-0 engine Copy of SE&CR Dg No S1577 dated 5.12.17	9.2.18	-	-	1143
21878	Six Wheels Coupled Radial Tank Engines Class K85	1½" and 6" to 1' arrangement with ancillary fittings	- .9.20	-	-	SX21878
21909	Proposed Six Wheels Coupled Goods Engine	1" to 1' side and end elevation of engine	11.4.18	-	-	SX21909

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
21910	Conversion of Composite Carriages to General Vans Arrangement and Details of Hand Brake,etc.	1½" and 3" to 1' elevation and plan of 6 wheeled underframe 31'6" wood framed stock; for underframe see Dg No 5449	- .5.18	-	45M	SX21910
21944	Arrangement of First Class Saloon F80	¾" to 1' general arrangement of body and interior	24.6.18	F80	34C	10661
21953	Six Wheels Coupled Goods Engines D81 Class (J20) Framing	1½" to 1' elevations and plan of framing	- .2.10	D81	J20	SX21953 (2 fiche)
21957	Six Wheels Coupled Goods Engines Class D81 (J20)- Cab	1½" to 1' elevations and plan of cab; see Dg No 30961 for steel plate roof	12.2.19	D81	J20	SX21957
21959 Ren	Smokebox Arrangement J20 Class Part I	3" to 1' section side and end elevations	- .1.51	-	J20/1	SX21959 (2 fiche)
21969	Six Wheels Coupled Superheated Coal Engines D81 Class-J20 Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan. My Comment: top of tracing damaged, some loss of detail of end elevation	- .3.19	D81	J20	SX21969 (2 fiche)
21980	Six Wheels Coupled Radial Tank Engines Class Class K85 Smokebox	1½" to 1' detailed arrangement of smokebox. Endorsed: for smokebox for engines Class K89 see Attachment; altered 15.4.21	4.12.20	K85	N7	SX21980
21980 Att	Six Wheels Coupled Radial Tank Engines Class K89 Smokebox	3" to 1' detailed arrangement.	9.10.23	K89	N7	SX21980 Att
22085	Arrangement of Four Wheeled Bogie for Carriages (8ft Wheelbase 10ins Channel Solebars)	1½" to 1' arrangement of 6 wheeled bogie with 4 axleboxes; originally designed for Ambulance Train No 75, stepboards added 8.3.19	15.5.35	-	-	SX22085
22096	Proposed Van for Conveyance of Bread for the Military Converted from Fruit Vans EX Stock	3/8" to 1' detailed elevations and plan of body; for arrangement of body before conversion see Dg 5982	30.8.18	-	46M	1138
22176	Contract for 30 Ton Bogie Low Sided Wagon	¼" to 1' detailed diagram of 37'6" 3 plank dropside	- 9.18	-	-	1139

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
22178	Contract for 30 Ton Bogie Low Sided Wagon	Traced from Rendle, Palmer & Tritton Dg No 1019	1.7.19	-	-	1137
22198	Main Line Brake Third Class Carriage Arrangement of Body	¾" to 1' general arrangement of 54' body.	18.2.19	-	-	1142
22218	Arrangement of Ground Apparatus for Daniel's Mechanical Train Control	1½" to 1' arrangement of apparatus in permanent way	- .2.19	-	-	SX22218
22232	Main Line Composite Carriage 54ft-Arrangement of Body with Enamelled Steel Panels	¾" to 1' arrangement of body	1.7.19	-	244C	SX22232 (2 fiche)
22252	Main Line Brake Third Class Carriages 54 Feet-Arrangement of Power and Hand Brakes	1½" to 1' plan and elevation of frame and outline bogie showing equipment.	26.3.19	-	547C	SX22252 (2 fiche)
22264	Main Line Brake Third Class Carriages-54 Feet-Arrangement of Body with Enamel Panels	¾" to 1' arrangement of body	26.4.19	-	547C	1098
22271	Guards and Luggage Accommodation Interior Fittings	1½" to 1' details for main line brake third carriages	29.4.19	-	-	SX22271 (2 fiche)
22299	Electro-Mechanical Train Control-Arrangement and Details of Stopping Signal Ramps	¾" to 1' arrangement of lineside equipment and 6" to 1' details of components	- .5.19	-	-	SX22299
22323	Bogie Express Engines Type B12/3 and J20/1-Tender Tank Arrangement	1½" to 1" elevations and plan and full size details	24.6.19	-	B12/3 J20/1	SX22323 (2 fiche)
22324	GE Vestibule Carriages-Arrangement and Details of Vestibule Shield	3" to 1' elevation and section of shield and details of fittings; revised and retraced 8.7.43, no lettering on shield	23.5.19	-	-	SX22324
22334	Six Wheels Coupled Bogie Express Engines Class 1500-Motion Arrangement	3" to 1' arrangement of motion, side elevation and plan	9.5.19	S69	B12	11115
22336	Six Wheels Coupled Express Engines Class 1500 Type B12 Six Wheels Coupled Goods Engines Class D81 Type J20 Tender Framing	1½" to 1' detailed elevations and plan, frame length 18'3", 4'1" wheels	- .6.19	S69 D81	B12 J20	11116
22350 Ren	Six Wheels Coupled Express Engines Class 1500 – Smokebox	3" to 1' arrangement, side and front elevations with schedule of components and drawing numbers	8.6.29	-	B12	11117

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
22417	Westinghouse Brake 12 Inch Single Piston Cylinder	6" to 1' elevations, sections and plans of cylinder and component parts	19.4.21	-	-	SX22417
22438	Fire Engine Truck T82	1½" to 1' general arrangement of 15' truck with 2'9" wheels Endorsed: T82 for Peterborough	2.10.19	T82	-	SX22438
22444	Road Vehicles-Arrangement of One Horse Van D&P 7135	1½" to 1' general arrangement of 4 wheel van length 8'8" inside Microfilmed from a coloured print	9.10.19	D&P7135	-	10302
22449	Six Wheels Coupled Bogie Express Engines Class 1500 Numberplate	Full size drawing of elliptical plate 2'0" x 1'0½" lettered WB&Co 19-- at bottom; numbered 1560 with details of remaining 6" high numerals Endorsed: engines to be numbered from 1541 to 1560 inclusive	10.10.19	-	-	SX22449
22561	Main Line Third Class Carriages-54 Feet-Arrangement of Body with Steel Panels	¾" to 1' general arrangement of 54' 7 compartment corridor carriage with lavatories	28.1.20	-	438C	11119
22568	Diagram of Lettering Main Line Third Class Carriages	¾" to 1' outline side elevation of carriage showing lettering and lining	10.2.20	-	438C	11118
22581	Proposed Six Wheels Coupled Bogie Tank Engine	1" to 1' side elevation of 4-6-2 tank engine	- .1.20	-	-	SX22581
22702	Motor Lorry No 1705 CME Department-Arrangement and Details of High Sides and Cover	1", 1½" and 3" to 1' arrangement of body and cover and details of components but not the chassis	23.3.20	-	-	SX22702
22720	Proposed Six Wheels Coupled Bogie Tank Engine	1/8" to 1' diagram frame 42'11" long	-	-	-	1099
22723	~~Suburban Composite Carriages (54 Feet)~~ Arrangement of Body (1st and 2nd Class) with Metal ~~(Iron or Steel) Panels~~	¾" to 1' arrangement of 54' 9 compartment body	4.5.20	-	237C	10214
22725	Bogie Suburban 2nd Class Carriages Arrangement of	¾" to 1' general arrangement 54' 10 compartment	25.20	M82	200C	10205

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
~~22725~~	Body with Iron or Steel Panels	body	~~3.5.20~~	~~P83~~	~~300C~~	~~10205~~
22725	Bogie Suburban 2nd Class Carriages Arrangement of Body with Iron or Steel Panels	$\frac{3}{4}$ " to 1' general arrangement 54' 10 compartment body Microfilmed from a coloured print	3.5.20	M83	300C	10301
22726	Bogie Suburban Carriages 54Ft-Arrangement of Underframe	1" to 1' detailed arrangement of underframe, dynamo and battery boxes	1.5.20	-	-	SX22726 (2 fiche)
22728	Third Class Carriages (54 Feet) Body Arrangement	$\frac{3}{4}$ " to 1' arrangement of 54' non corridor 8 compartment body	20.5.20	-	439C	10213
22729	~~Suburban Brake Third Carriages-54 Feet-~~ Arrangement of Body with Metal (Iron or Steel) Panels	$\frac{3}{4}$ " to 1' general arrangement of 54' 7 compartment body	9.6.20	P83	542C	10204
22734	Body Arrangement of First Class Carriage (54 Feet)	$\frac{3}{4}$ " to 1' general arrangement of body with part plan view for Southend service	9.6.20	-	124C	10658
22748	Arrangement of Four Wheeled Bogie for Suburban Carriages	1 $\frac{1}{2}$ " to 1' elevations, sections and plan of 8' wheelbase bogie 12'7" length over headstock and longitudinal section on centre line with steel disc wheels My comment: original date of drawing 7.6.20	17.2.22			SX22748
22761	Suburban Brake Third Carriages-Diagram of Lettering	$\frac{3}{4}$ " to 1' side elevation showing lettering and lining details and interior of door	10.9.20	-	547C	1101
22777	Southend Service First Class Carriages-Diagram of Lettering	$\frac{3}{4}$ " to 1' side elevation of carriage No 2050 with lettering and lining detail and on interior garnish rail My note: No 2050 was not used as a running number	17.9.20	-	104A	1097
22812	Diagram of Refrigerator Meat Van	$\frac{1}{2}$ " to 1' outline elevations of 19' van fitted with Vacuum and hand brakes	27.4.20	-	-	1096

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
22828	Arrangement of Bogie Third Class Carriage-Iron or Steel Panels	¾" to 1' general arrangement of 54' 10 compartment suburban carriage	20.5.20	O83	428C	10211
22843	~~Six Wheels Coupled Radial Tank Engines Class 105- Gear, Sight Feed Lubrication, Steam Heating, Sanding~~ Arrangement of Rod, Pipe and Clothing, Injector	1½" to 1' detailed arrangement of engine and key to component drawings	10.3.21	F85	N7	1125
22879	305 and 306 Class (2 Engines)	1/8" to 1' locomotive diagram	3.6.20	305	-	1124
23141	Six Wheels Coupled Radial Tank Engines Class K85-Dome Casing	Full size sectional elevation, made of charcoal iron, No14 SWG Endorsed: altered for engines built at Gorton	- .6.20	K85	N7	SX23141
23157	Diagram of Gradients from Cambridge to March South Junction via St Ives	½" to 1 mile horizontal scale	7.7.20	-	-	1100
23211	Arrangement of Travelling Gas Reservoirs on Carriage Underframe	1" to 1' general arrangement of twin cylinders mounted on 27' steel underframe from 1st class carriages Nos 556 and 585		-	-	SX23211
23270	Arrangement of Travelling Gas Reservoir on Carriage Underframe	1" to 1' general arrangement of single cylinder mounted on 27' steel underframe from 2nd class carriage No 585		-	-	SX23270
23314	Weatherboard for Tenders Classes H14 and S23	1½" to 1' arrangement of weatherboard and 3" and 6" to 1' details	- .1.21	H14 S23	-	SX23314
23355	GWR-Arrangement of 65Ft Turntable Outside Type	½" to 1' general arrangement of turntable showing section of pit Copy of GWR Dg No 59241 dated 4.20	31.1.21	-	-	11090
23419	Refreshment Wagon for Use on Station Platforms	3" to 1' side and end elevations of ornate 4 wheeled wagon 6' long, 3' wide	15.3.21	-	-	SX23419
23469	~~General Arrangement of Liquid Fuel Burning~~ Apparatus on Four Coupled Express Engine Holden's Patent System	¾" to 1' sectional elevation and plan showing apparatus with key to components	- .5.21	-	-	SX23469
23474	Six Wheels Coupled Goods Engines Class Y14-Liquid Fuel Tank for Tender (S23)	1½" to 1' elevations and plan of tank only	- .6.21	Y14	J15	SX23474

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
23495	Covered Goods Wagon	1½" to 1' general arrangement of 19'0" covered wagon My note: built by Gloucester Carriage & Wagon Co	6.6.24	1924	78W	SX8298
23533	~~General Arrangement of Liquid Fuel Burning~~ Apparatus on Four Coupled Express Engine-Holdens ~~Patent System~~	~~¾" to 1' Outline GA of engine and tender with~~ sectional views of apparatus in firebox and tender ~~with key to components~~	- .8.21	-	-	11089
23579	Four Wheels Coupled Bogie Express Engines Class D15, D56 and Tank Engines K89 (N7)-Cast Iron Chimney and Hood	6" to 1' elevations and plan, alternative dimensions shown for different classes	- .12.21	T19B E72 T77 D56 K89	D13 J17 J19 D15 N7	SX23579 (2 fiche)
23595	Proposed Parcels Delivery Van (For the Great Eastern Railway)	1½" to 1' outline elevations of removable canvas covered frame for flat topped body length 12' shown on motor chassis	25.10.21	-	-	1122
23598	No 5 Electric Wagon-Arrangement of Body	1½" to 1' outline elevation of open truck with body 11'6" Endorsed: copy of Richard Garrett Dg No EV15458	31.10.21	-	-	1121
23640	Diagrams of Carriage Stock Showing Positions of Lamp and Ascending Irons	½" to 1' scale 24 outline end elevations of vehicles	13.1.22	-	-	1123
23646	Main Line Composite Carriage H36-Arrangement of Body	¾" to 1' general arrangement of 7 compartment corridor body with lavatory and matchboarded lower panels	3.7.22	H86	245C	11091
23660	Arrangement of Brake Work with Load Valve on General Van Class 1710 to 1750	~~1½" to 1' elevations and plan of wood underframe to~~ Dg No 5449 with main and auxiliary Westinghouse cylinder, each with reservoir, Vacuum through pipe ~~and an end mounted gas reservoir~~	13.11.22	-	45M	SX23660 (2 fiche)

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
23721	Arrangement of Liquid Fuel Carburettor, Heater and Tank for Y14 Class Goods Engines	1½" to 1' arrangement of tank mounted on front of tender, inside dimensions 2'6" x 1'6" x 1'9" and connections	- .4.22	Y14	J15	1043
23742	Motor Lorries with Shefflex Chassis (30 and 40 Cwt)- Arrangement of Body	1½" to 1' general arrangement of body lengths 11'8" and 13'2"	11.7.22	-	-	1041
23785	Arrangement of Crane Truck (3 Tons Steam) for Civil Engineer	1½" to 1' general arrangement of 25'6" well wagon with 16' well, 2'8" wheels	3.11.22	-	-	SX23785 (2 fiche)
23795	Wagon anglais ferme (enbois) de 12 Tonnes a 2 frens a main	1 to 20 scale outline arrangement of 17'11¾" covered van used on Harwich-Zeebrugge train ferry	4.8.22	-	-	1113
23796	Wagon anglais ferme de 12 Tonnes a frein a vis et guerite	1 to 20 scale outline arrangement of 20' 0 3/16" covered van with caboose used on Harwich-Zeebrugge train ferry	2.8.22	-	-	1115
23797	Wagon anglais de 12 T	1 to 20 scale outline arrangement of 16'5¾" 7 plank open wagon ex War Department used on Harwich-Zeebrugge train ferry	4.8.22	-	-	1114
23809	Diagram of Proposed Six Wheels Coupled Radial Tank with 5'4" Driving Wheels	1½" to 1' outline side elevation of 0-6-2 tank engine with 4'9" boiler, length 34'10" over buffers	- .8.22	-	-	SX23809
23826	Four Wheels Coupled Radial Tank Engines P55 Class Arrangement of Gear on Engine to Work Auto Train	1½" to 1' shown in relation to outline of engine	1.12.22	P55	F5	SX23826 (2 fiche)
23843	Four Wheels Coupled Bogie Express Engines D56 Class with 5'6" Diameter Boiler Cab and Splashers	1½" to 1' detailed arrangement; altered 5.30 for removal of cab beading	- .11.22	D56	D15	SX23843 (2 fiche)
23898	Four Wheels Coupled Express Engines Class H88-D16-Framing	1½" to 1' details and arrangement of framing	- .2.23	H88	D16	SX23898 (2 fiche)

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
23901	End Views of Engine and Tender Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline elevations, numbers on both buffer beams and plate on tender end	- .12.22	-	-	1152
23902	End Views of Engine and Tender Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline elevation of No 1850 showing L&NER in arc on smokebox door and tender end	- .12.22	-	-	1151
23903	Side View of Tank Engine Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline side elevation of engine No 790 with lettering on side tank and GER style plate on bunker	- .12.22	M15	F6	10660
23904	Side View of Tank Engine Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline elevation of engine with large numerals on tank side and GER style number plate on bunker	- .12.22	-	-	1153
23905	Side View of Engine and Tender Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline side elevation of No 1850 showing L&NER on front splasher, GER style numberplate and large numerals on tender	- .12.22	-	-	1154
23906	Side View of Engine Showing Proposed Arrangement of Numbering and Lettering	1" to 1' outline side elevation of engine No 1850 showing GER style plate on bunker and lettering on tender	- .12.22	D56	D15	10659
23917 A	Arrangement of Writing on L&NER Covered Wagon Stock (GE Type 19Ft)	1½" to 1' outline side elevation of van showing lettering Endorsed: this tracing amended to suit Doncaster Dg dated 17.5.23 and 'A' added	8.5.23	-	-	1116
23940	Wagon anglais de 12 Tonnes a haussettes hautes et frein a vis	1 to 20 scale outline arrangement of 19' 7 plank open wagon with caboose used on Harwich-Zeebrugge train ferry	20.1.23	-	-	1119
23968	Diagram Showing NE Carriage between Two GE Carriages	3/16" to 1' side elevation of GE 50' corridor 3rds either side of NER carriage	- .2.23	-	-	1056

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
23978	Four Wheels Coupled Bogie Express Engines-Rod, Pipe and Clothing Arrangement	1½" to 1' elevations and plan of engine Endorsed: several alterations up to 4.2.34 My comment: bottom right hand corner of tracing missing, part of title lacking but no loss of detail	- .12.24	S69	B12	SX23978
23984	~~Four Wheels Coupled bogie Express Engines Class~~ D56 (D16) with 5Ft Diameter Boiler-Bogie ~~Arrangement~~	3" to 1' bogie arrangement	- .5.23	D56	D16	10662
23995	Guard Conductor Trains-Arrangement of Side Steps	1½" and 3" to 1' arrangement of steps operated by hand from guard compt.	14.3.23	-	-	SX23995
24000	Diagrams of Locomotive Boilers	¼" to 1' outline dimensioned elevations of boilers, classes to which fitted and their GA numbers. Diagrams allocated part numbers 1 to 19	- .3.23	-	-	1120
24008	Four Wheels Coupled bogie Express Engines Class D16-Bogie Arrangement	1 ½" to 1' arrangement of bogie	- .3.23	-	D16	1318
24035	Arrangement of Writing on L&NER Covered Wagon Stock	1½" to 1' outline side elevation of van showing writing details and painting instructions	1.5.23	-	-	1088
24052	LNER Doncaster-Arrangement of Writing on Small Carriage Stock	¾" to 1' outline side elevation of 6 wheel composite with dimensions of lettering Copy of Doncaster Dg 4302 dated 27.4.23	15.5.23	-	-	1118
24149	Six Wheels Coupled Radial Tank Engines Class K89 Boiler	1½" to 1' arrangement	- .8.23	K89	N7	SX24149 (2 fiche)
24178	Banana Vans-Arrangement of Brake Work	1½" to 1' details of hand and Vacuum brakes shown on underframe to Dg No 19351	29.9.23	-	85W	SX24178

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
24189	Arrangement of Writing on Banana Vans	1½" to 1' outline side elevation with lettering details; lettering altered see Dg No 27341 dated 13.10.27	6.10.23	-	-	1117
24236	C.V.R.- Bogie for 42Ft Bogie Coaches	1½" to 1' general arrangement of 7'0" wheelbase bogie Endorsed: CV&HR drawing	21.5.07	-	-	1057
24237	Composite Motor Coach CV&HR	1" to 1' arrangement of 39'6" body as originally built Copy of Brown, Marshalls Dg 9508 Order 7261 supplied to MR&MDR Jt Stock	19.1.06	-	200C	10207
24238	First Class Carriage CV&HR	1" to 1' arrangement of 39'6" body Copy of Brown, Marshalls Dg No 9505 Order 7261 supplied to MR&MDR Jt Stock	13.1.06	-	-	10209
24241	C.V.R.-Bogie for 39'6" Bogie Brake Third	1½" to 1' general arrangement of 7'0" wheelbase bogie Endorsed: CV&HR drawing	3.2.08	-	-	1055
24283	Arrangement of Writing and Particulars for the Painting of Goods Lorries-Horse	1 ½" to 1' outline elevation of flat bed lorry showing lettering details: L&NER in full, tare, load and vehicle number prefixed E; body dark blue, underwork, shafts and side rail red, lettering plain white	19.11.23	-	-	SX24283
24312	Six Wheels Coupled Goods Engines Class F48-J17- Motion Arrangement	3" to 1' elevation and plan of motion	- .11.35	F48	J17	SX24312
24383	Sketch Showing Position of Number Plate on Back of Tender	1" to 1' outline end elevation showing plate No 1562	6.2.24	-	B12	SX24383
24401	Four Wheels Coupled Bogie Tank Engines Class S44- Arrangement of Vacuum Brake	1½" to 1' arrangement shown in relation to outline of engine.	- .2.24	S44	G4	SX24401

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
	~~Arrangement of Vacuum Brake~~	Endorsed: amended 10.3.24				(2 fiche)
24420	43Ft 4½Ins Steel Underframe for Inner Bodies of Quintuple Unit Carriages	1" to 1' arrangement of frame only Copy of Doncaster Dg 2887	3.5.24	-	-	11096
24421	43ft 4½ins Steel Underframe for Outer Bodies of Quintuple Unit Carriages (Non Vestibule)	1" to 1' arrangement of frame with sections	5.5.24	-	-	11095
24434	~~Quintuple Unit Carriages-Suburban-Outer~~ Composite (First & Second Class)-Arrangement of Body	¾" to 1' general arrangement of 43'6" body with 3" to 1' details	20.4.24	-	LNE76	11093
24435	Arrangement of Inner Bodies Quintuple Unit Suburban Trains Second Class-Third Class-Second & Third Composites	¾" to 1' general arrangement of 43'6" body with 6" to 1' sections LNE79	15.3.24	-	LNE77 LNE78 LNE79	11094
24436	Quintuple Unit Suburban Trains-Arrangement of Brake Third Class Carriage	¾" to 1' general arrangement of 43'6" body	29.4.24	-	LNE80	11092
24813	Transformation du wagon anglais convert de 20T a guerite (chassis en fee) eu vue sou admission sur les chemins de fer anglais. Ensembles du wagon, avant et apres transformation	1 to 20 scale general arrangement of 25' covered van, 13'3" wheelbase, before and after modification. Endorsed: Belgian State Railways plan	21.3.24	-	-	SX24813 (2 fiche)
24951	Diagram of Proposed Rail Motor Coach	3/8" to 1' outline elevations and plan of 66'2" vehicle to seat 64 articulated at each end	- .7.24	-	-	1357
25051 Ren	Harwich-Zeebrugge Train Ferry Service-43 Ton Bogie Platform Wagon-Arrangement of Writing, etc.	¾" to 1' outline side elevation of wagon with lettering Endorsed: the tonnage of these wagons was originally 45 tons, this was altered to suit the continental maximum weight. Nos 139638, 139640, 139641 and 139643	25.5.31	-	-	1327
25097	Arrangement of Writing on Fruit Vans (Passenger Type)	½" to 1' arrangement of lettering for vans converted from open fish and cattle boxes	8.9.24	-	24M 25M	1109
25099	~~Harwich-Zeebrugge Train Ferry-Diagram of Tank~~ Wagons Nos 539990, 539963, 538413 of Messrs. ~~Mogiano for Benzol and Benzene Traffic~~	½" to 1' Outline elevations of tank wagon with caboose 24'7½" (26' 1½" for 538413) over headstocks	12.9.24	-	-	SX25099

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
25106	~~Harwich-Zeeland Ferry Diagram of Tank Wagons Nos 104431 to 104440 inclusive of Messrs. Messing for Proposed Traffic of Penzance~~ Harwich-Zeeland Ferry Diagram of	½" to 1' outline elevations of 24'8" tank wagon	12.9.24	-	-	1108
25119	~~Harwich-Zeeland Ferry Diagram of~~ Refrigerator Wagons for Society Anonyme de	½" to 1' outline side and end elevation of van with caboose 24'7½" over body, 12'10½" wheelbase.	17.9.24	-	-	SX25119
25120	~~Transports Isothermes Nos of Wagons 104607 to~~ Refrigerator Wagons for Societie Anonyme de	½" to 1' outline side and end elevations of van 12' 10 ½" wheelbase, handbrake on one side only	18.9.24	-	-	SX25120
25152	~~Transports Isothermes Nos of Wagons 104601~~ 8Ft 0Ins Wheelbase Bogie 10" x 5" Journals 6'6" Centres to Carry 8½ Tons on Pivot	3" to 1' general arrangement of bogie	20.5.27	-	-	10648
25214	Proposed General Van with 51Ft Standard Underframe	3/8" to 1' outline general arrangement of 51'1½" van with 5 sets of sliding doors and end doors	12.11.24	-	-	1356
25377	Body Arrangement of 12 Ton Sleeper Wagon with Iron Underframe	1½" to 1' general arrangement of 19'8" body, 4'9" depth	26.1.25	-	-	1125
25378	12 Tons Sleeper Wagon-Arrangement of Steel Underframe	1½" to 1' arrangement of 19'8" steel underframe Microfilmed from a coloured print	22.6.25	-	-	10300
25378	12 Tons Sleeper Wagon-Arrangement of Steel Underframe	1½" to 1' arrangement of 19'8" steel underframe	22.6.25	-	-	1127
25410	Diagram of Proposed Standard Horse Box	¾" to 1' outline of body 19'6" with elliptical profile roof.	7.2.25	-	-	1141
25411	Proposed Ballast, Rail or Sleeper Wagon to Carry 30 Tons	¼" to 1' detailed diagram of 47'6" wagon.	6.2.25	-	-	1140
25440	Arrangement of Writing on Sleeper Wagon	1 ½" to 1' outline side elevation of sleeper wagon showing details and dimensions of white writing on grey body	5.6.25	-	-	1323
25453	Diagram of Proposed Standard Horse Box	½" to 1' outline general arrangement and sections of 19'6" long body; superseded by later diagram Dg No 25684	11.3.25	-	-	1358

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
25537	Harwich-Zeebrugge Train Ferry Service-Diagram of Italian Fruit & Vegetable Wagon	1 to 20 outline general arrangement of 28' 10 7/8" long van; superseded by Dg No 25537-1 27.10.25	5.5.25	-	-	1110
25537 -1	Harwich-Zeebrugge Train Ferry Service-Diagram of Italian Fruit & Vegetable Wagon	1 to 20 outline general arrangement of 28' 10 7/8" long van; supersedes Dg NO 25537 for which see for further details	3.11.25	-	-	1111
25554 -1	4-6-0 Engines Type B12-Arrangement of Smokebox Door	3" to 1' arrangement of 47" diameter door; for smokebox door detail see Dg No 25796	26.4.28	-	B12	1042
25556	Harwich-Zeebrugge Train Ferry Service-Diagram of Italian Motor Car Wagon	1 to 20 outline general arrangement of 43' 11 1/2" long 4 wheel van	21.5.25	-	-	1112
25601	General Arrangement of Lentz Valve Gear for Six Coupled Goods Engine Class D81, LN&E Rly	1/4" to 1' side elevation of gear Copy of Lentz Patent's Ltd Dg No SV2A dated 7.5.25	- .5.25	D81	J20	SX25601
25602	General Arrangement of Lentz Valve Gear for Six Coupled Coal Engines Class D81 L&NERly	3" to 1' end elevation of valve gear Copy of Lentz Patent's Ltd Dg No SV2B	- .5.25	D81	J20	SX25602
25783	Harwich-Zeebrugge Train Ferry Service-Diagram of Italian Refrigerator Wagon	1 to 20 arrangement of van 28' 10 7/8" over headstocks with peak roof and caboose	3.11.25	-	-	SX25783
25808	Arrangement of Body for General Van	1' to 1' general arrangement of 32' louvered body with 3 sliding doors to orders N/C 16 and 19	- .6.26	-	LNE86	1373
25810	Underframe for 32ft General Van	1 1/2" to 1' arrangement of 4 wheel steel underframe 31' 10 1/2" long, dual fitted	4.3.26	-	LNE86	1372
25839	Motor Lorries with 2 Ton Chassis-Arrangement of Body	1 1/2" to 1' arrangement of 12' long flat body on outline of chassis	15.12.25	-	-	1328
25866	Diagram of 40HP Petrol Shunting Motor Showing Proposed Position of Lettering and Numbering	1" to 1' outline elevations of engine 8430 built by Motor Rail & Tramcar Co Works No 1931 Endorsed: engine at present stationed at Brentwood transferred from Engineer's Depot Lowestoft	15.1.26	-	Y11	1354

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
25869	4 Ton Motor Lorries-Arrangement of Fixed Flat Body on 'AEC' Chassis-Model 501	1½" to 1' general arrangement of 14' long flat body shown on outline of chassis; for chassis see Dg No 25871	18.1.24	-	-	10187
25891	Cylinders with Lentz Valves Six Coupled Bogie Express Engines 1500 Class Type B12	3" to 1' details of cylinders Lentz Patents Ltd Dg No SV95B Sheet 2	3.11.25	S69	B12	10646
25892	General Arrangement of Lentz Poppet Valve Gear for 4-6-0 Express Passenger Locomotive 1500 (S69 Class) Engine Type B12	3" to 1' side elevation and plan of gear Lentz Patents Ltd Dg No SV96	9.11.25	S69	B12	10644
25893	General Arrangement of Lentz Poppet Valve Gear for 4-6-0 Express Passenger Locomotive 1500 (S69 Class) Engine Type B12	3" to 1' sectional end elevation of smokebox and cylinders Lentz Patents Ltd Dg No SV97	20.11.25	S69	B12	10645
25931	Part Arrangement of Proposed Motion (Walschaert) N7 Class Engines	3" to 1' side elevation of motion	11.2.26	-	N7	SX25931 (2 fiche)
25965	Arrangement of One Horse Low Lorry	1½" to 1' general arrangement	23.3.26	D&P 2109	-	SX25965 (2 fiche)
26010	Locomotive Headlamp-Group Standard with Three Glasses New Engines and Renewals NE, GE and Scottish Section Engines	Full size arrangement of lamp and interior, painted white; for future headlamps see Dg 32708 dated 25.10.35 Copy of Doncaster Dg No 11688D	12.5.27	-	-	SX26010
26374	0-6-2 Tank Engines Type N7-Cab, Tank and Bunker Arrangement (Elevation)	1½" to 1' detailed elevations; superseded by Dg No 26568	- .4.26	-	N7	10176
26978	Standard Horse Box-Arrangement of Body	1 ½" to 1' elevations of 19'6" horse box body	10.10.27	-	-	1315
26979	Underframe for Horse Box	1 ½" to 1' elevations and plan of 19'6" underframe with details of dual brakes, 11'8" wheelbase	12.10.27	-	-	1316

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
27158	Six Wheels Coupled Tank Engines Class T18 (J66)- Arrangement of Steam Brake	1 1/2" to 1' shown in relation to rear end of engine, plan and side elevations	1.9.27	T18	J66	SX27158
27379	4 Ton Motor Van with Removable Tilt-Arrangement of Body	1 1/2" to 1' general arrangement of 14' van shown on outline of cab and chassis	15.11.27	-	-	10186
27593	GE Section 6 Wheeled Carriage 34'6" Long (Wood Underframe) Alteration of Vacuum Brake	1" to 1' outline elevations and plans of underframe with details of 18" vacuum cylinder and gear	14.2.28	-	-	SX27593
27664	Corridor First on 51ft Underframe	3/8" to 1' outline general arrangement of 52'6" body; for new stock East Anglian services	5.3.28	-	-	1337
27750	0-6-0 Express Engines Type B12-Westinghouse and Vacuum Brake Arrangement (8"/8 1/2" Air Compressor), No. 1 Drivers Valve, 3 1/2" Triple Valve	1 1/2" to 1' arrangements shown in relation to elevations and plan of engine	4.7.29	-	B12	SX27750 (2 fiche)
27874	0-6-0 Engines Type B12/2-Kod, Pipe, Fitting, Injector Gear, Steam Heating and Sanding Arrangements	1 1/2" to 1' side and end elevations and plan of engine	- .6.28	-	B12/2	11067 (2 fiche)
28448	Proposed Cab Numbering for Classes D14.15 & 16	1 1/2" to 1' side elevation of cab showing arrangement of lettering; superseded by Dg No 29372 dated 5.30	- .12.28	-	D14 D15 D16	1336
28867	2-4-0 Tender Engines Type E4-Inspection Seat	3" to 1' arrangement of seat bolted onto front buffer beam; altered 21.6.29 for provision of water proof apron at front	24.5.29	-	E4	SX28867
28981	Tenders Type B17-Tender Frame and Brake Arrangement	1 1/2" to 1' arrangement of 6 wheel frame 18'3" long	- .8.29	-	-	10183
28992	0-6-0 Engines-Type J18 Boiler	1 1/2" to 1' general arrangement of boiler and firebox	28.8.29	-	J18	SX28992 (2 fiche)
28993	0-6-0 Tank Engines J68 and J69 Boiler	1 1/2" and 6" to 1' general arrangement of boiler and firebox with details	30.8.29	-	J68 J69	SX28993
29024	Cast Iron Chimney	Full size sectional view with table of dimensions for different classes	10.10.29	-	F4 F5	SX29024 (2 fiche)
29311	Arrangement of Motion 0-6-0 Tank Engines Types	3" to 1' elevation and plan of motion	10.6.30	-	J66	SX29311

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
27511	J66, J69	3" to 1' elevation and plan of motion	10.6.30	-	J67	(2 fiche)
29343	Diagram of Vacuum Brake Slip Coupling	Unscaled side elevation showing connection between train and slip carriage with method of disengaging to be added to the appendix to the working timetable	15.4.30	-	-	1338
29518	Express Engines Type B12 Arrangement of Pipes for ACFI Feed Water Heater	1" to 1' arrangement shown on outline elevations of engine.	- .8.30	-	B12	SX29518 (2 fiche)
29803	5'11/8" Boiler D14, 15, 16, J16, 17, 18, 19 Types	1½" to 1' elevations, sections and plan of boiler and full size details of riveting	- .7.31	-	D14-16 J16-19	SX29803 (2 fiche)
29831	4-6-0 Engines Type B12 with 5'6" Dia Boiler-Cab Arrangement	1½" to 1' arrangement with full size details	13.5.31	-	B12	SX29831 (2 fiche)
29937	Tank Engines GE Section Steel Cab Roofs	1½" to 1' arrangement of roof with full size details	27.7.31	-	J66-69	SX29937
30418	Diagram of Steam Rail Car 'Chevy Chase'	3/8" to 1' outline side elevation and plan of 3rd class car 51' body, 59'7¼" over buffers	5.4.32	-	-	11071
30482	4-6-0 Engines Type B12 Smokebox	3" to 1' elevations, sections and plans of smokebox	- .4.32	-	B12	11070
30589	Engines Type D15-Boiler to Dg No 29803-Cab and Splashes	1½" to 1' arrangement of cab and splashes with full size details	30.8.32	-	D15	SX30589 (3 fiche)
30590	Smokebox Engines Types D14, 15, 16 with PV Cylinders and Boiler to Dg No 29803	3" to 1' detailed arrangement of smokebox	16.9.32	-	D14	SX30590 (2 fiche)
30596	Engines Type D14, D15 & D16 with Boiler to Dg No 29803E-Motion Arrangement	3" to 1' details of motion and cylinders	7.2.33	-	D14 D15 D16	10068
30600	Four Wheels Coupled Express Engines Types D14, 15, 16-Rod, Pipe & Clothing Arrangement for Engines with Boilers to Dg No 29803E	1½" to 1' elevations and plan of engine	- .10.32	-	D14 D15 D16	10069 (2 fiche)
30889	Engine Type D14-Engine No 6700 Rebuilt with Piston Valves, Cylinders and Boiler to Dg No 29803-Engine	Full size elevation, plan and section of Claude Hamilton nameplate, letters and heading to be polished	30.11.32	S46	D15	SX30889

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
30887	Valves, Cylinders and Boiler to Dg No 27803-Engine Nameplate	Nameplate, letters and beading to be polished, background to be painted black	30.11.32	340	D13	(2 fiche)
30992	Outside Dimensions of Ruston-Bucyrus Drag Line Excavator for Transport Purposes Only (Truck Flat Roll 3)	3/8" to 1' outline side and end elevations of excavator on wagon Retracing of Ruston Bucyrus Ltd Dg 31N371 class PNC No 4	1.2.33	-	-	1091
31200	Engines Type J19 with Boiler to Dg No 29803-Rod, Pipe and Clothing, Lubrication and Vacuum Brake Pipe Arrangement	1 1/2" to 1' arrangements on elevations and plan of engine	5.1.35	-	J19	1130 11051 (2 fiche)
31202	Smokebox-Engine Types J18, 19 with Boiler to Dg No 29803	3" to 1' detailed arrangement of smokebox with component drawing numbers listed in schedule	27.7.34	-	J18 J19	SX31202 (2 fiche)
31314	1 1/2 Ton Motor Van Proposed Body Arrangement	3/4" to 1' outline arrangement of body with detachable sides, roof hoop sticks and sheet, length inside 11'6 3/4" shown on Thornycroft chassis	22.7.33	-	-	1094
32719	Engines Type E4-Alteration to Cab Side and Roof	1 1/2" to 1' elevations and plan of modified cab	31.12.35	-	E4	SX32719 (2 fiche)
34240	0-4-4 Engines Type G5-Arrangement of Auto Train Gear	1 1/2" to 1' gear shown on part side and end elevations and plan.	- .10.38	-	G5	SX34240 (2 fiche)
34542	Arrangement of Vacuum Control Regulator Class F5	1 1/2" to 1' shown in relation to engine.	20.8.49	-	F5	SX34542 (2 fiche)
34543	Arrangement of Smokebox (Engines fitted with Vacuum Control Regulator) Class F5	3" to 1' elevations, section and plan of smokebox	6.2.49	-	F5	SX34543
34548	Arrangement of Conduit, etc. for Bell Communication Engines with Vac Controlled Regulator Class F5	1 1/2" to 1' arrangement shown in relation to part outline of engine	- .5.50	-	F5	SX34548
34651	Engines Type D16/3 9 1/2" Diameter Piston Valves- Motion Arrangement	3" to 1' sectional side elevation and plan	10.4.40	-	D16/3	SX34651
34927	Arrangement of Pipes in Cab-Engines Type 120 Part 1	1 1/2", 3" and 6" to 1' detailed elevations of cab with	- 3.45	-	120/1	SX34927

Microfilm List

Drawing No.	Title of Drawing	Description	Date	Order No.	Class/ Diagram	NRM Ref No.
34727	Arrangement of Pipes in Cab-Engines Type J20 Part 1	details of fittings	- .5.45	-	J20/1	(2 fiche)
35577	Arrangement of Tender Weatherboard, Side Doors and Alteration to Engine Cab Class E4	1 1/2" to 1' detailed elevations and plan	- .1.51	-	-	SX35577
36241	N7 Engines Fitted with Jay-Gee Smoke Eliminator- Smokebox Arrangement	3" to 1' sectional side and end elevation of smokebox	13.11.46	-	N7	SX36241
37013	Arrangement of Vacuum Control Regulator Class N7	1 1/2" to 1' arrangement on outline elevations and plan of engine with schedule of drawings of components; for arrangement for engines fitted with 2 Vacuum	- .6.50	-	-	SX37013 (2 fiche)
37013 Att	Part Arrangement Showing Two Vacuum Controlled Regulators Class N7	1 1/2" to 1' shown in relation to outline of smokebox	- .12.50	-	N7	SX37013 Att (2 fiche)
37412	Front End Profile of Engine Type J20/1	1 1/2" to 1' outline profile with main dimensions	10.5.50	-	J20/1	SX37412
37557	Arrangement of Tender Weatherboard, Side Doors and Alteration to Engine Cab Class J17	1 1/2" to 1' elevations and plan and full size details of fittings	- .5.52	-	J17	SX37557 (2 fiche)
40147 -3	Breakdown Train SB4-Staff Car ex ECJS Third Class Carriage Brake No 1324	3/16" to 1' elevations and plan of carriage as altered	25.6.36	-	-	1314
40392	Guard Conductor Train-Arrangement of Steps on 50' Bogie Brake Third (Right Hand)	1 1/2" to 1' arrangement of steps and brake cylinders on underframe	11.1.40	-	-	SX40392