

Crewe Works: Un-Numbered Drawings

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
113	C#3	00001	A81	Part elevation and plan	5 Apr 1911		4'3" 8 coupled coal engine class G	
113	C#3	00002		Elevation	none		6 wheeled coupled tender engine	
113	C#3	00003	A69	Side and half front and back elevations	12 Feb 1904		4'3" 6 wheels coupled saddle tank coal engine	
113	C#3	00004	C118	Elevations and plan	20 Feb 1911		Engine for steam rail motor coach	
113	C#3	00005		Section	none		LNWR rail wagon	Loaded with 85-ton gun
113	C#3	00006	A58	Elevations	1 May 1897		7'0" 4 wheels coupled compound passenger engine	
113	C#3	00007		Detail of wire rope blocks	23 Mar 1903		30-ton travelling crane	For use in SW iron foundry
113	C#3	00008		Elevations	none		6 wheels coupled good engine	
114	C50	00009	B1	Leading sand box and details	2 Oct 1882		18" cylinder goods engine	
114	C50	00010		Crosshead	1 Sep 1882		6'6" compound engine	
114	C50	00011		Details of footbridge at Atherstone	3 Aug 1882		Footbridge	
114	C50	00012		Details of footbridge at Atherstone	2 Aug 1882		Footbridge over 2 lines	
114	C50	00013		Slide valve and buckle for large cylinder	4 Apr 1882		Compound engine experiment	
114	C50	00014	D51	Low pressure cylinder	3 Mar 1882		Compound engine experiment	
114	C50	00015		Position of holes in plates	21 Oct 1881		not specified	

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114	C50	00016		Position of lubricators, steam pipe and safety valve on steam chest cover	30 Nov 1881			not specified
114	C50	00017		Details of hand wheel for continuous brake	11 Oct 1881			not specified
114	C50	00018		Connecting rod	6 Aug 1881			6'6" compound passenger engine
114	C50	00019		Slide bars, piston and rod	3 Aug 1881			not specified
114	C50	00020		Details of wrought iron work for continuous brake	22 Jul 1889			not specified
114	C50	00021		Friction drums for continuous brake	17 Jul 1879			not specified
114	C50	00022		Details of continuous brake	9 Jul 1879			Guards' van
114	C50	00023		Details of continuous brake	8 Jul 1879			Guards' van
114	C50	00024		Details of friction drum for brake cradle	28 Jun 1879			Vans
114	C50	00025		Frictions drums for continuous brake gear	26 Jun 1878			Metropolitan engines - Beyer and Peacock class
114	C50	00026		Pins for brake van gear, new wire rope carriage brake	3 May 1878			Vans
114	C50	00027		Details of new carriage brake	12 Apr 1878			Carriages
114	C50	00028		Steel drums	11 Apr 1878			not specified
114	C50	00029		Cab	6 Mar 1876			4'6" 4 wheels coupled side tank engine
114	C50	00030		Piston and connecting rod	16 Jul 1868			Carriage department, Wolverton
114	C50	00031	H822	Feed pump for dwarf locomotive	21 May 1864			"Tiny" class (inside cylinders)
114	C50	00032		Eccentric and pump rods	15 Feb 1859			Goods and passenger engines
114	C50	00033		Boiler	26 Sep 1882			6'6" compound passenger engine
114	C50	00034		Details of reversing gear for high preesure cylinder	26 Jan 1883			6'6" compound passenger engine

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114	C50	00035	K32	Vacuum brake cylinder and automatic taking-up gear	16 Jan 1883		Carriages	
114	C50	00036		Footbridge	6 Jun 1883		Davenport station	
114	C50	00037		Diagram of girders	5 Dec 1882		Inclined approach for Runcom bridge	
114	C50	00038		Footbridge	19 Jun 1883		Abergele station	
114	C50	00039		Footbridge	2 Jun 1883		Alderley Edge station	
114	C50	00040		Distance piece for cylinder cover	17 Nov 1881		not specified	
114	C50	00041		Elevation and plan	21 Dec 1883		50-ton bogie trolley	
114	C50	00042		Side elevation	27 Dec 1883		4'6" 8 wheeled side tank compound passenger engine	
114	C50	00043		General arrangement of Westinghouse air brake connected to vacuum brake	5 Oct 1883		West Coast Joint Stock carriages	
114	C50	00044		Standard carriage coupling	11 May 1883		Carriages	
114	C50	00045	K31	Vacuum brake - 2 1/4" ejector	31 Mar 1883		not specified	
114	C50	00046	K44	Controlling springs for radial trucks 42-ft carriage frame	6 Mar 1883		Carriages	
114	C50	00047	D32	Arrangement and details of cylinder cock gear for h.p. cylinders	8 Feb 1883		6'6" compound engine	
114	C50	00048		Lattice girders for extension of Sandy footbridge	9 Feb 1883		Footbridge	
114	C50	00049		Footbridge at Earlstown Junction	8 Feb 1883		Footbridge	
114	C50	00050	D33	Arrangement and details of cylinder cock gear for l.p. cylinders	14 Feb 1883		6'6" compound engine	
114	C50	00051		Steps for standard footbridges over two and four lines of rails	23 Jan 1883		Footbridges	

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114	C50	00052		Standard footbridge over four lines without platform	22 Jan 1883		Footbridge	
114	C50	00053	D62	Motion plates	17 Nov 1882		6'6" compound engine	
114	C50	00054	D44	Crosshead for h.p. cylinder	11 Nov 1882		6'6" compound engine	
114	C50	00055		Motion plates	25 Oct 1882		6'6" compound engine	
114	C50	00056		Trailing crank pin	13 Oct 1882		6'6" compound engine	
114	C50	00057	D22	Connecting rod	13 Oct 1882		6'6" compound engine	
114	C50	00058		Frame plates	6 Oct 1882		6'6" compound engine	
114	C50	00059		Slide bars and piston rod	3 Oct 1882		6'6" compound engine	
114	C50	00060		Details of valve motion	2 Oct 1882		6'6" compound engine	
115	C51	00061	K76	Radial truck for 42 feet carriage frames, F.W. Webb's system	3 Sep 1889		Carriages	see also C00080
115	C51	00062	H106	List of special and standard bolts	17 Aug 1889		1800-gallon passenger and goods tender	
115	C51	00063	K75	Railway carriage lamp	16 Aug 1889		Carriage lamp	
115	C51	00064	H101	Detail of outside firebox plates	22 Jul 1889		Boiler with steel circular firebox	
115	C51	00065	H90 ?	Standard foundation ring for locomotive fireboxes	3 May 1889		Locomotive fireboxes	
115	C51	00066	14-23	General arrangement of reversing gear for valves of 20in. low pressure cylinder	16 Apr 1889		7' compound passenger engine	
115	C51	00067	H70	17" x 24" cylinders	20 Jun 1888		Outside cylinder engines	
115	C51	00068	H63	Leading spring	31 Aug 1888		5' compound goods tank engine	
115	C51	00069	H4	Standard coupling (trailing end)	12 Aug 1887		Special tank engines	
115	C51	00070	H47	Detail of handrail brackets	5 Aug 1887		Various classes of engine	

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115	C51	00071	K60	Cast iron steel and malleable iron castings for carriages	6 Jul 1887		Carriages	
115	C51	00072	R31	Ship's rudder and fittings	23 Ap 1887		Ship's rudder	
115	C51	00073	R31	Ship's sections	23 Ap 1887		Ship	
115	C51	00074	E16	Leading sand gear and hand rail & vacuum pipe brackets	none		18" goods engine	
115	C51	00075	13-59	Diagrams of standard types of LNWR locomotives	9 Sep 1886		9 classes of Webb locomotive	
115	C51	00076	H41	Arrangement of large and small ejectors	15 Jun 1885		Various classes of engines	
115	C51	00077	H18	Boiler	22 May 1885		3 cylinder tramway locomotive	
115	C51	00078	K16	Vacuum brake for four way balanced valve	13 Oct 1884		Automatic brake for van	
115	C51	00079		Details of reversing gear	none		6'6" compound engine	
115	C51	00080	K45A	Buffer spring for 42ft carriage frame	1 Oct 1886		42ft carriage frame	see also C00061
115	C51	00081	K10	Vacuum brake: general arrangement for pressure and vacuum	9 Aug 1884		Fruit stock vans	
115	C51	00082	A3	Elevations	Jan 1884		Grand Trunk RR, Canada, Compound Express Loco	
115	C51	00083	14-32	Low pressure slide valve and buckle	20 Apr 1891		6' and 7' compound passenger engine	
115	C51	00084	J47	Diagrams of experimental trips between Crewe and Stafford	1 Apr 1894		4'3" 8 WC compound and non-compound coal engine	Nos. 2524 (non-comp) and 50
115	C51	00085	47	Diagrams of experimental trips between Crewe and Stafford	1 Apr 1894		4'3" 8 WC compound and non-compound coal engine	Nos. 2524 (non-comp) and 50 (same as 00085 - paper)
115	C51	00086	J47	Diagrams of experimental trips between Crewe and Stafford	1 Apr 1894		4'3" 8 WC compound and non-compound coal engine	Nos. 2524 (non-comp) and 50 (same as 00085)
115	C51	00087	13-66A	Diagram sheet of brass boiler mountings	19 Apr 1893		Standard fittings	

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115	C51	00088	K109	Automatic vacuum brake - general arrangement end views and cross section	15 Jun 1892		7' 8 wheeled compound engine	
115	C51	00089	K111	Diagram of steam brake cylinders	24 May 1892		36 classes of engine	
115	C51	00090	13-60	Diagram showing application of beading to the panel plates next to firebox	2 Feb 1892		Not specified	
115	C51	00091	14-26	General arrangement of high pressure and low pressure motion	2 Jan 1891		7' compound passenger engine	In pencil "Teutonic class - 6 wheeled")
115	C51	00092	14-29	List of pins and studs	21 Jun 1890		7' compound passenger engine	
115	C51	00093	14-28	List of pins and studs	21 Jun 1890		7' compound passenger engine	
115	C51	00094	K45	Arrangement of double back valves	19 Dec 1890		12 classes of engines	
116	C52	00095		Alterations required to coal engines rebuilt with 18" goods boiler	9 Jul 1887		Coal engine rebuilt with water ashpan	
116	C52	00096	14-14	Details of low pressure reversing gear	17 Jan 1880		7' compound passenger engine	
116	C52	00097	H79	Experimental steel firebox	16 Apr 1888		Not specified	
116	C52	00098		Steel firebox	12 Mar 1885		Coal engine	
116	C52	00099	A26	Side elevation	12 Nov 1886		5'6" compound side tank engine, no. 3000	HP cyls 14"x20", LP cyls 26"x24"
116	C52	00100	A25	Side elevation	30 Oct 1886		5'6" compound side tank engine, no. 3000	HP cyls 14"x20", LP cyls 26"x24"
116	C52	00101	A19B	Side elevation	23 Oct 1886		6' compound side tank engine, no. 3000	HP cyls 14"x20", LP cyls 26"x24"
116	C52	00102	A13	Side elevation	21 Apr 1884		6' compound passenger engine, "Triad" no. 2800	
116	C52	00103	A12	Side elevation	4 Mar 1884		6' compound passenger engine, "Triad" no. 2800	In pencil "old view"
116	C52	00104	E4	Reversing screw bracket	9 Sep 1886		18" cylinder goods engine	

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116	C52	00105		Proposed 32ft carriage frame	12 Jul 1886		32ft carriage	Given colour wash from behind
116	C52	00106	R3A	S.U. steel canal boats, 70' long, 6'10" beam	20 Jan 1888		S.U. canal boat	S.U.: Shropshire \Union?
116	C52	00107		Alterations to boat, 70' long, 14' 5 1/2" width	23 Apr 1887		Boat	
116	C52	00108	R29	S.U. canal boat, 70' long, 6'10" beam	14 Feb 1887		S.U. canal boat	S.U.: Shropshire \Union?
116	C52	00109		Side elevation	22 Jan 1884		Grand Truck RR, Canada, compound express loco	
116	C52	00110		Cutaway side and floor elevations	22 Jan 1884		Grand Truck RR, Canada, compound express loco	
116	C52	00111	14-13	Details of high pressure reversing gear	1 Jan 1889?		7' compound passenger engine	
116	C52	00112		Boiler	9 Jul 1890		5'6" 4 wheels coupled side tank passr. engine	
116	C52	00113	14-30	List of standard and special bolts &c.	21 Jun 1890		7' compound passenger engine	
116	C52	00114	A40	Side elevation	25 Oct 1892		4'3" 8 wheels coupled coal engine, no 2524	Cyls. 19 1/2 dia x 24" stroke
116	C52	00115	A37	Diagram	1 Aug 1892		6'0" 4 wheels coupled passr. engine (curved sink)	
116	C52	00116	J46	Diagram of trip with 57 loaded coal wagons and 3 brake vans between Rugby and Willesden	24 Jul 1893		8 wheels coupled coal engine, no 2524	Weight 766t 12c 1q, length 1263' 6"
116	C52	00117	J47	Diagrams of experimental trips between Crewe and Stafford, engines & trains as leaving Crewe on 1st trip	1 Apr 1894		4'3" 8 WC compound and non-compound coal engines	Nos. 2524 (non-comp) and 50 (compound)
117	C52	00118	13-56	Diagram of locomotive driving wheel	18 Jun 1897		Not specified - detail of letter R to be stamped	Very small drawing
117	C52	00119	H195	Standard ash-pan bolts	22 Feb 1895		10 classes of engine	Very small drawing
117	C52	00120	H142a	Standard 9mm restarting injector covers	9 Sep 1895		Standard fitting	
117	C52	00121	13-65	Diagram showing method of connecting up steam brake for various classes of engine	22 Feb 1895		13 classes of engine, lettered A, B and C	

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117	C52	00122	H233	Standard 8mm and 9mm auto restarting injector	9 Nov 1896		Standard fitting	
117	C52	00123	H234	Spindles for locomotive sandboxes - diagram showing angles of keyways for levers	18 Jan 1897		21 classes of engine	
117	C52	00124	13-69	Diagram of locomotive boiler	22 Sep 1895		A11 class	
117	C52	00125	14-39	Diagram of low pressure connecting rod	12 Nov 1897		7'0" 4 wheels coupled compound passenger engine	
117	C52	00126	J53	Line section between Crewe and Leeds	26 Nov 1896		Gradient diagram	
117	C52	00127		Diagram of gradients between Willesden Jct and Broad St. by alternative routes	<2 Dec 1897		Gradient diagram	Copied from Engineer's Office, Euston
117	C52	00128	13-57	Locomotive fireboxes - alteration to roofing stay bolts	18 Apr 1897		Not specified	
117	C52	00129	H77b	Metallic packing for valve spindle	8 May 1889		5'0" 6 wheels coupled goods engines (DX)	
117	C52	00130	13-58	Feed pipe connection - diagram of arrangement of chains, to engine and tender	27 Jun 1890		Not specified	Special note for DX engines
117	C52	00131	H165	Clip for injector feed pipe	1 Nov 1893		Not specified	Special note for 6'0" 4 coupled side tank engines
117	C52	00132		Side elevation	13 Aug 1890		7'0" compound express passenger engine and tender. F.W. Webb's System.	Master summary drawing
117	C52	00133		Side and front elevation	13 Aug 1890		6'6" 4 wheels coupled express passenger engine (straight link)	Master summary drawing
117	C52	00134	J64	Side elevation	13 Aug 1890		6'0" compound express passenger engine and tender (F.W. Webb's system)	Master summary drawing
117	C52	00135	J71?	Side and front elevation	13 Aug 1890		5'0" 6 wheels coupled special DX engine	Master summary drawing
117	C52	00136		Side and front elevation	13 Aug 1890		4'3" 6 wheels coupled coal engine	Master summary drawing

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117	C52	00137	K61	Automatic vacuum brake - flexible connection	1 Aug 1887		Not specified	
117	C52	00138		Diagram shewing the various sizes of lattice bars in girders of different spans for standard footbridges	3 Jul 1884		Standard footbridges	
117	C52	00139		Footbridge	20 May 1884		Newport	
117	C52	00140		Footbridge to Engineer's Offices	5 May 1884		Bangor	
117	C52	00141		Footbridge	27 Aug 1884		Cheadle Hulme	
117	C52	00142	K45	India rubber springs for carriages	6 Jul 1886		Standard item	
117	C52	00143	K65	Arrangement of automatic vacuum brake gear	6 Dec 1887		6'0" C.L. 4 wheels coupled passenger engine	
117	C52	00144	K67	Automatic vacuum brake - driver's air valve	2 Dec 1887		6' and 6'6" C.L. passenger engines	
117	C52	00145	E18w	Guides for front damper door	18 Oct 1887		18" goods, 6'6" and 6' compound engines	
117	C52	00146	K54	Standard carriage axle box for 3 1/2" diameter journals	14 Feb 1887		Standard item	
117	C52	00147		Reversing shaft bracket for high pressure cylinder	23 Feb 1884		6'6" compound engine	
117	C52	00148	K36+	Vacuum brake - driver's release with check valve	15 Aug 1884		Standard item	
118	C52	00149	H181	Detail of connecting pipes for release valves	26 Jun 1894		Compound locomotives	
118	C52	00150	H242	Radial axle box for 10" journal - detail of steps and keeps	11 Nov 1897		4'6" 6 and 8 wheels side tank and 4'3" side tank coal engines	
118	C52	00151	14-37	Detail of high pressure cylinder 15" dia x 24" stroke	11 Oct 1897		6'0" and 7'0" 8 wheels compound passenger engines	
118	C52	00152	H240	Boiler with side plate barrel	17 Aug 1897		7'6" passenger engine rebuilt	"This tracing submitted to Mr Webb 4/10/97. He decided not to make the barrel in one piece as shown."

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118	C52	00153	J48	Diagram of experimental trip with goods train 10.5 am ex (Stockport) Edgeley for Heaton Lodge 1 Dec 1896	20 Jan 1897		8 wheels compound coal engine no. 2525	Details of train and tonnage shown on drawing
118	C52	00154	9-26	Lubricating arrangement for valve spindle and piston rod glands	8 Jun 1895		4'3" 8 wheels compound coal engine	
118	C52	00155	K122	Steam brake, details of castings	20 Aug 1896		Standard item	
118	C53	00156	C57	Water service for leading wheels	8 Dec 1905		Steam motor carriage	
118	C53	00157	C55	Details of boiler	3 Oct 1905		Steam rail motor carriage	
118	C53	00158	C54	Side and floor elevations	18 Sep 1905		Steam rail motor carriage	Has dimensions and summary of features
118	C53	00159	C34	Details of tank water gauge and connections	25 May 1905		Steam motor carriage	
118	C53	00160	C27	Details of water tanks	8 Apr 1905		Steam motor carriage	
118	C53	00161	C15	Boiler	17 Oct 1904		Steam motor carriage	
118	C53	00162	D71	Side elevation	13 Oct 1904		5'0" 6 wheels express goods engine cylinders 19" dia x 26" stroke	
118	C53	00163	J91	Indicator diagrams taken between Crewe and Rugby whilst working an experimental train on March 27 1904	9 Apr 1904		6'6" four wheels coupled express passenger locomotive, Precursor no. 513 (Joy's Valve Gear)	Total weight of train incl. engine and tender 471T 9C 3Q
118	C53	00164	H65	Details of roofing stays for locomotive fireboxes	1 Jul 1904		For engines fitted with boilers of 175lb pressure or over	
118	C53	00165	S85	Details of low pressure slide valve and buckle	25 Feb 1904		7'0" 4 wheels coupled compound passenger engine	Also adapted for 4'3" 4 cylinder compound coal engine
118	C53	00166	13-72	Diagram of boiler	23 Jun 1903		4'0" 4 wheels coupled shunting engine	
118	C53	00167	H303	Window frame in engine cabs	12 May 1902		Standard item	

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118	C53	00168	14-58	Driving axle-box, horn block and springs	16 Oct 1900		7'0" 4 wheels coupled compound engine	
118	C53	00169	J54	Diagram of straight ling motion for passenger engines	11 Feb 1899		Not specified	
118	C53	00170	14-52	Detail of reversing screw and bracket	3 Dec 1898		7'0" 4 wheels coupled compound passenger engine	
118	C53	00171	K56	Standard steam brake cylinder - detail of piston, gland and metallic packing	15 Oct 1898		Standard item	
118	C53	00172	H254(?)	Boiler with single plate barrel	2 Jun 1899		5'6" side tank	
118	C53	00173	13-78	Diagram of boiler on engine 2524 (19 1/2" cylinders)	23 Jun 1903		Engine 2524 (someone with LNWR knowledge will know what it is)	
119	C53	00174	H290	Details of piston valves, liners and steam chest covers	2 May 1901		7'6" passenger engine, rebuilt	
119	C53	00175	9-27	Detail of high pressure cylinder (15" dia x 24" inch stroke) fitted with piston valves	16 Oct 1900		4'3" compound coal engine	
119	C53	00176	13-74	Diagram of locomotive boiler	7 May 1900		4'6" side tank passenger engine (8 wheels)	
119	C53	00177	14-56	Diagram showing arrangement of boiler, smoke-box and fire-box	11 Apr 1900		7'0" compound passenger locomotive - Teutonic class	
119	C53	00178	14-55	Steam jet and circulating pipe in combustion chamber	19 Apr 1899		7'0" compound engine 8 wheels	
119	C52	00179	H232	Standard valve motion for passenger engine	28 Sep 1896		Standard item	
119	C52	00180	14-31	Details of low pressure eccentric	28 Oct 1895		6 types of compound engine	
119	C52	00181	E7	Smoke box	8 Jun 1895		18" goods engines	
119	C52	00182	K119	Steam brake gear - driver's brake valve	26 Apr 1895		6 types of 4'3" 8 wheels engine	
119	C52	00183	H79c	Details of metallic packing for valve spindles	10 Nov 1894		Compound locomotive engines	

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119	C53	00184	14-53	General arrangement and details of smokebox	8 Feb 1899		7'0" 4 wheels coupled compound passenger engine	
119	C53	00185	C49	General arrangement and details of vacuum pipes	1 Aug 1905		Steam motor carriage (cylinders 9 1/2" x 15")	
119	C53	00186	J100	Diagram showing speeds, indicated horsepower and pull on drawbar, during experimental trip with passenger train Carlisle - Crewe, 21 May 1905	6 Jun 1905		Experiment class	
119	C53	00187	J100	Diagram showing speeds, indicated horsepower and pull on drawbar, during experimental trip with passenger train Crewe - Carlisle, 21 May 1905	6 Jun 1905		Experiment class	
119	C53	00188	J91	Diagram showing speeds, drawbar pull and horsepower developed during trial trip between Rugby and Crewe 27 March 1904	9 Apr 1904		Precursor class no. 513	
119	C53	00189	J91	Diagram showing speeds, drawbar pull and horsepower developed during trial trip between Crewe and Rugby, 27 March 1904	9 Apr 1904		Precursor class no. 513	
119	C53	00190	J87	Results of experimental trips between Crewe and Stafford on 27 Sep 1903	10 Nov 1903		Benbow class no. 1952	
119	C53	00191	9-16	Details and general arrangement of hopper and general arrangement of spark arrestor and baffle plate	28 May 1903		4'3" 4 cylinder compound coal engine	
119	C54	00192	4-28	Diagram of boiler and firebox	17 Dec 1908		Experiment class	
119	C54	00193	5-51	Diagram of boiler and firebox	17 Dec 1908		Precursor class	
119	C54	00194	A76	General arrangement of auto vacuum brake	27 Nov 1908		5'9" Metropolitan side tank engine	
119	C54	00195	D31	Diagram shewing arrangement of boiler, smokebox and firebox	13 Jun 1908		6'0" 4 coupled side tank engine	
119	C54	00196	J132	Diagram showing authorised routes for Relievers and others walking to and from shed and Brakeman's mess room to various points in the vicinity of Bescott junction	11 Dec 1907		Walking route	

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119	C54	00197	5-55	General arrangement of firebox, fire bars and ashpan	19 Jul 1907		Precursor class	
120	C53	00198	13-68	Diagram of boiler for old Crewe 6' passenger engine	27 Jan 1899		Old Crewe 6'0" passenger engine	
120	C53	00199	none	DW&WR engines elevations	26 Jan 1898		DW&WR engines 52, 53 and 54	
120	C53	00200	J97	Elevation	5 Jan 1905		Original Trevithick locomotive Cornwall built 1847	
120	C53	00201	J102	Elevation	19 Aug 1905		5' 6 wheel coupled 4 cylinder compound goods engine	
120	C53	00202	J101	Elevation	19 Aug 1905		6 wheel coupled goods engine with 18" cylinders	
120	C53	00203	J108	Elevation	19 Aug 1905		4'3" 8 wheel coupled compound coal engine (4 cylinders) Class E	
120	C53	00204	G70	Standard section of wheel tyre and rail	19 Oct 1902		Rail and wheel	
120	C53	00205	9-12	Details of piston valves and eccentric expansion wings	2 May 1901		4'3" compound coal engine	
120	C53	00206	J82	Indicator diagrams taken between Liverpool and Crewe with 16 1/2 coaches	5 Sep 1898		7'0" 4 wheel coupled compound pass engine no. 1501 'Diamond Jubilee'	
120	C53	00207	13-22	Diagram of standard auto restarting injector for locomotives	22 Apr 1898		Injector	
120	C53	00208	9-25	Diagram of lubricator pipes in smokebox	4 Feb 1909		4'3" compound coal engine	
120	C53	00209	J152	Section of Lancaster and Carlisle Division	9 Sep 1898		Gradient profile	
120	C53	00210	H527	Metallic packing for 3" piston rods	25 Sep 1908		5 classes of locomotive	
120	C53	00211	H206	Detail of steel injector stand pipe	27 Nov 1908		Anonymous engine	
120	C54	00212	J127	Elevation and front view	25 Sep 1907		4'3" 8 coupled coal engine, G and G1 classes	

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120	C54	00213	J128	Elevation and front view	25 Sep 1907		4'3" 8 coupled 4 cylinder compound coal engine, B class	
120	C54	00214	J116	Elevation	3 Aug 1907		8'6" single passenger engine 'Cornwall'	
120	C54	00215	J120	Elevation	3 Aug 1907		7'0" 8 wheel compound passenger engine 'Greater Britain'	
120	C54	00216	J115	Elevation and front view	3 Aug 1907		7'0" 4 coupled compound passenger engine 'Jubilee'	
120	C54	00217	J121	Elevation and front view	3 Aug 1907		6'0" 4 coupled passenger engine 'Waterloo'	
120	C54	00218	J119	Elevation	3 Aug 1907		6'0" 8 wheel compound passenger engine 'John Hick'	
120	C54	00219	J118	Elevation	3 Aug 1907		4'3" 3 cylinder compound coal engine, A class	
120	C54	00220	none	Elevation and front view	5 Feb 1907		6'0" 4 coupled side tank engine	
120	C54	00221	J39	Elevation	8 Jan 1906		5'9" Metropolitan tank engine	
120	C54	00222	J65	Elevation and front view	8 Jan 1906		5'6" side tank passenger engine	
120	C54	00223	40	Elevation and front view	8 Jan 1906		5'0" 6 wheel coupled side tank passenger engine, 18" cylinders	
120	C54	00224	J13	Elevation and front view	8 Jan 1906		4'6" side tank passenger engine (8 wheels)	
120	C54	00225	J109	Elevation and front view	8 Jan 1906		4'6" side tank passenger engine (6 wheels)	
120	C54	00226	J70	Elevation and front view	8 Jan 1906		4'3" 6 wheel coupled side tank coal engine	
120	C54	00227	J107	Elevation and front view	8 Jan 1906		4'3" 6 wheel coupled special tank	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
120	C54	00228	J101	Elevation and front view	8 Jan 1906		4'3" 6 wheel coupled saddle tank coal engine	
120	C54	00229	J111	Elevation and front view	8 Jan 1906		4'0" 4 wheel coupled crane engine	
120	C54	00230	J105	Elevation and front view	8 Jan 1906		4'0" 4 wheel coupled saddle tank engine	
120	C54	00231	J106	Elevation	9 Jan 1906		2'6" 4 wheel coupled shunting engine	
120	C54	00232	D30	Diagram shewing water capacity of tanks	9 Oct 1906		6'0" 4 coupled side tank engine	
120	C54	00233	H11	Steam brake piston rod for side tank engines	19 Sep 1906		5 classes of locomotives	
120	C54	00234	10-60	Diagram of 3000 gallon tender	18 Oct 1907		3000 gallon tender	
120	C54	00235	J114	Elevation	16 Apr 1907		Proposed 5'2 1/2" diameter 8 coupled goods engine (19" dia x 18" stroke)	
120	C54	00236	J222a	Gradient section for oil firing experiments, London to Birmingham	20 Nov 1920		Anonymous oil-fired locomotive	475 gallons of oil used on trip 15 Nov 1920
120	C54	00237	J222a	Gradient section for oil firing experiments, London to Birmingham	31 Aug 1920		Anonymous oil-fired locomotive	442 gallons of oil used on trip 25 Aug 1920
120	C54	00238	none	Dynamometer trials between Stafford and Crewe	22 Aug 1909		No. 4 trip - dynamo belts off	
120	C54	00239	none	Dynamometer trials between Stafford and Crewe	22 Aug 1909		No. 3 trip - dynamo belts off	
120	C54	00240	none	Dynamometer trials between Stafford and Crewe	22 Aug 1909		No. 2 trip - dynamo belts on	
120	C54	00241	none	Dynamometer trials between Stafford and Crewe	22 Aug 1909		No. 1 trip - dynamo belts on	
121	C54	00242	C15	Boiler for steam motor carriage	6 Nov 1906		Motor carriage	
121	C54	00243	5-56	Detail of firebox	12 Oct 1906		Precursor class	
121	C54	00244	D57	Diagram of steam pipes	31 Mar 1908		5'0" 6 whl coupled goods engine, cylinders 19" x 26"	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
121	C53	00245	14-71	Lubricator for regulator valve in smokebox	20 May 1903		5'6" 4 wheel coupled side tank, 6'0" and 6'6" 4 wheel coupled passenger engines	
121	C53	00246	14-68	Balancing for low pressure driving wheels fitted with built-up crank	14 Nov 1902		7'0" compound passenger engine (6 wheels)	
121	C53	00247	H310	Diagram shewing arrangements of automatic drain cocks	10 Oct 1902		10 classes of locomotives	
121	C53	00248	H140	Standard piston rod ends and nuts	2 Oct 1901		Standard fitting	
121	C53	00249	14-65	Arrangement and details of roofing bars, etc. for firebox	14 Aug 1901		7'0" 4 wheel coupled compound passenger engine fitted with HP cylinders 16" dia and larger boilers	
121	C53	00250	14-64	Details of work for staying firebox of larger boilers	14 Aug 1901		7'0" 4 wheel coupled compound passenger engine	
121	C54	00251	C61	Diagram showing regulator rod under coaches	19 Jun 1909		Train for Red Wharf Bay Service	
121	C54	00252	none	Application of fan for forced draught	10 Dec 1908		Precursor class	
121	C54	00253	E35	Diagram of boiler and firebox	17 Dec 1908		18" cylinder goods engine	
121	C54	00254	J130	Diagram of gradients between Liverpool and Leeds	29 Oct 1907		Gradient profile	
121	C54	00255	J222	Chart of experimental trip Euston to Crewe, Sunday 27 Jun 1920, with locomotive fitted with 'Scarab' oil burning system	2 Jul 1920		Precursor class, no. 2585 'Watt'	
121	C54	00256	C90	Elevation and end view of the Crewe dynamometer car	16 Dec 1926		Dynamometer car	
122	C54	00257	J154	Diagram shewing speed and drawbar pull during trip with 12.58pm Carlisle - Crewe, 10 Jul 1909	10 Jul 1909		Experiment class, no. 2630 'Buffalo'	
122	C54	00258	none	Diagram shewing time, speed and drawbar pull taken during trips with the 9.15am Crewe - Carlisle, 6 Jul 1909	6 Jul 1909		CR no. 903 'Cardean' and LNWR Experiment class no. 2630 'Buffalo'	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
122	C54	00259	J154	Diagram shewing time, speed and drawbar pull during trip with the 12.58pm Carlisle - Crewe, 7 Jul 1909	7 Jul 1909		CR no. 903 'Cardean'	
122	C54	00260	J151	Diagram shewing speed and drawbar pull during trip with the 10.00am Euston - Crewe, 7 Jul 1909	25 Jun 1909		Precursor class, no 250 'Albatross' with Driver Robbins	
122	C54	00261	J156	Diagram shewing speed and drawbar pull during non-stop run Euston - Birmingham N St, 28 Nov 1909	28 Nov 1909		Precursor class, no 1387 'Lang Meg' with Driver Forrester	Mean speed 60.6 mph, weather drizzly
122	C54	00262	J156a	Diagram shewing speed and drawbar pull during non-stop run Birmingham N St - Euston, 28 Nov 1909	28 Nov 1909		Precursor class, no 1387 'Lang Meg' with Driver Forrester	Mean speed 66 mph, weather fine throughout
122	C54	00263	J151	Diagram shewing speed and drawbar pull during trip with the 10.00am Euston - Crewe, 26 Jun 1909	26 Jun 1909		GNR Atlantic 4-4-2 no. 1449, Driver T. Bartlett, pilotman J. Button	
122	C55	00264	4-121	Details of cylinders	2 Apr 1914		Experiment class fitted with special (DM) valve arrangement	
122	C55	00265	H697	Quadruple safety valve - detail of body casting	1 May 1913		Standard fitting	
122	C55	00266	H197	Details of riveting for boiler joints	6 Sep 1912		Standard fitting	
122	C55	00267	4-41?	Diagram of tube plate	4 Oct 1911		Experiment class	
122	C55	00268	G94	Diagram	7 Jun 1911		Eccles water troughs	
122	C55	00269		Detail of bunker doors	22 Dec 1910		3000 gallon tender with water bottom tank and sloping bunker	
122	C55	00270	3-85	Details of piston, cylinder covers	24 Jan 1912		5'6" 6 coupled side tank engine with superheater, cyls 20" x 26" stroke	
122	C55	00271		Details for bunker doors	28 Dec 1910		3000 gallon tender with water bottom tank and sloping bunker	
122	C55	00272	3-34	Detail of side tanks	10 Aug 1910		5'6" 6 coupled side tank engine	
122	C55	00273	J34	Gradient diagram	no date		Euston to Crewe	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
122	C55	00274	J166	Sketch plan of St Helens District showing water purchased or pumped by L&NWR	15 Jul 1910		St Helens district	
122	C55	00275	J161	Sketch plan of Liverpool and District showing water purchased or pumped by L&NWR	7 Mar 1910		Liverpool district	
122	C55	00276	H20	General arrangement of pipes for vacuum brake	7 Oct 1910		G class	Pencil endorsement - 'not fitted'
123	C55	00277	J199	Speed trials between Caernarvon and Afonwen on 26 and 27 March 1914	9 Mar 1914		4'3" coal side tank no. 120, 5'6" side tank no. 2139, 18" goods no. 1780	Drivers W. Williams, R. Owen and J.T. Roberts
123	C55	00278	J198	Speed trials between Buxton and Manchester on 16 November 1911	11 Dec 1911		8.20 am and 3.20 pm ex Buxton and 12.05 pm and 5.40 pm ex Manchester	
123	C55	00279	C87	General arrangement	6 Nov 1911		Dynamometer car	
123	C55	00280	J186a	Speed trials, non-stop runs between Crewe and Carlisle on 18 February 1912	26 Feb 1912		Engine 'Pathfinder', dynamometer car and 12 coaches	
123	C55	00281	J207	Vacuum and steam brake tests between Crewe and Stafford, 23 September 1912	21 Oct 1912		Precursor class no. 2120 'Trentham' and no. 520 'Panopea'	
123	C55	00282	J207a	Vacuum and steam brake tests between Crewe and Stafford, 8 September 1912	23 Sep 1912		Precursor class no. 2120 'Trentham' and no. 520 'Panopea'	
123	C55	00283	8-19a	Details of radius in corners of firebox	4 Apr 1913		4'3" 6 coupled coal engine and 4'3" 6 coupled saddle tank coal engine	
123	C55	00284	H693	Portion of jib and crane post showing external fittings	15 Nov 1912		3-ton locomotive crane engine	
123	C55	00285	K141	Details of connections for vacuum brake on locomotives	17 Aug 1912		Standard fitting	
123	C55	00286	D84	Details of steam pipe in smokebox	14 Sep 1911		5'0" 6 wheel coupled goods engine (cyls 19" x 26")	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
123	C55	00287	8-25	Suggested bearings for crane post	24 Apr 1914		4'3" 6 coupled side tank crane engine	
123	C55	00288	1-10	Alteration to position of whistle lever & arrangement for adjusting cable in driver's compartment	4 Feb 1914		Motor trains	
123	C55	00289	J30	Gradient diagram	29 Jul 1910		Crewe to Carlisle	
123	C55	00290	4-6	Details of steam pipes in smokebox	none		Experiment class fitted with special (DM) valve arrangement	
123	C55	00291		Plan showing fittings	none		23/AT Infantry vans	
123	C55	00292		Details of rifle racks and mess tables	none		15/AT Infantry vans	
123	C55	00293		General arrangement	26 Mar 1915		22/AT gun truck	2nd Armoured train in pencil
123	C55	00294	11-92	Arrangements and details of lifting tackle	12 Dec 1917		G class	
123	C55	00295	11-95	Arrangements and details of lifting tackle	13 Jan 1917		G class for overseas	
123	C55	00296	12-47	Diagram	17 Oct 1916		Motor passenger and parcels vehicles	
123	C55	00297	J37	Indicator diagrams taken between Crewe and London 29 Aug 1915	24 Mar 1916		6'0" 6 wheel coupled 4 cylinder passenger engine no. 1361 'Prospero', fitted with special (DM) valve arrangement	
123	C55	00298	13-9a	Diagrams of lamp brackets	13 Oct 1914		Motor train locos	
123	C55	00299	4-P	Details of blast pipe	15 Sep 1914		Experiment class fitted with special (DM) valve arrangement	
124	C56	00300	H220b	Tender stop cock shewing grooves when plug is in closed position	26 Oct 1914		Carriage heating apparatus	
124	C56	00301		Elevation and front view	8 Sep 1914		4'3" 4 wheel coupled shunting engine no. 317, built in 1896	
124	C56	00302		Elevation and front view	2 Sep 1914		4'3" 8 coupled coal engine class D no. 1866, built March 1906	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
124	C56	00303		Elevation and front view	28 Sep 1914		4'3" 8 coupled shunting engine no. 1185, built Dec 1911	
124	C56	00304		Elevation and front view	2 Sep 1914		4'3" 8 coupled coal engine Class G1 no. 1329, superheated built Dec 1911 built February 1912	
124	C56	00305		Elevation and front view	2 Sep 1914		4'3" 8 coupled coal engine Class G no. 2653, built February 1910	
124	C56	00306		Elevation and front view	20 Aug 1914		7'0" 4 coupled passenger engine no. 1918, built 1908	
124	C56	00307		Elevation and front view	20 Aug 1914		Experiment class no. 66, built May 1905	
124	C56	00308		Elevation and front view	19 Aug 1914		Prince of Wales class superheated no. 819 'Prince of Wales', built October 1911	
124	C56	00309		Elevation and front view	6 Jan 1917		4'3" 6 coupled coal engine with 2500 gallon tender	Applicable only to engines sent overseas
124	C56	00310		Diagram of locomotive boiler shewing particulars of boiler shell painting	23 Jul 1915		not specified	
124	C56	00311		Cylinder - no. 100F (Mark 1)L/tin. One fuse, graze, no. 100 with Gaine	none		Cylinder	
124	C56	00312	J92	Diagram	15 Jan 1915		Armoured train	
124	C56	00313	J92a	Diagram	5 May 1915		1/AT 2nd Armoured train	
124	C56	00314	3-9	Detail of water connection and filling-up plates between side tank and bunker tank	14 Mar 1913		not specified	
124	C56	00315	10-47a	Detail of axlebox step with white metal bearing	18 Oct 1912		3000 gallon tender with original type of axlebox	endorsed in pencil PC 15855
124	C56	00316	J13	Indicator diagrams	9 Feb 1914		6 coupled 4 cylinder passenger engine no. 1159 'Ralph Brocklebank'	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
124	C56	00317		Gradient diagram	14 Feb 1913		Crewe to Carlisle	
124	C56	00318	8-23	Detail of tubeplate for steel firebox	8 Mar 1912		4'3" 6 coupled coal engine	
125	C56	00319	R232	Shell BL or QF high explosive, 6" gun, Mark XVI/L, forged steel with fixing screw	none		Shell	
125	C55	00320	J169a	Speed trials, diagram of non-stop run Holyhead and Crewe, 22 Oct 1911	26 Oct 1911		no. 261 'Jeanie Deans', dynamometer car and 12 coaches. Hasler speed recorder	Driver George Smith
125	C55	00321	J169	Speed trials, diagram of non-stop run, Crewe and Holyhead 22 Oct 1911	26 Oct 1911		no. 261 'Jeanie Deans', dynamometer car and 12 coaches. Hasler speed recorder	Driver George Smith
125	C55	00322	J186	Speed trials, diagram of non-stop run, Carlisle and Crewe 15 Oct 1911	20 Oct 1911		George V class no. 2663 'George the Fifth', dynamometer car and 12 coaches. Frodsham speed indicator	Driver T. Jones
125	C55	00323	J186	Speed trials, diagram of non-stop run, Crewe and Carlisle 15 Oct 1911	20 Oct 1911		George V class no. 2663 'George the Fifth', dynamometer car and 12 coaches. Frodsham speed indicator	Driver T. Jones
125	C55	00324	J187	Speed trials, diagram of non-stop run, Crewe and Euston 8 Oct 1911	13 Oct 1911		George V class no. 2663 'George the Fifth', dynamometer car and 12 coaches. Frodsham speed indicator	Driver T. Jones
125	C55	00325	J187	Speed trials, diagram of non-stop run, Euston and Crewe 8 Oct 1911	13 Oct 1911		George V class no. 2663 'George the Fifth', dynamometer car and 12 coaches. Frodsham speed indicator	Driver T. Jones
125	C55	00326	J168	Experimental train - diagram showing speed, indicated horsepower, pull on drawbar between Crewe and Euston, 24 Jul 1910	10 Aug 1910		George V class no. 2663 'George the Fifth', dynamometer car and 13 coaches	One stop only, at Rugby
125	C55	00327	J169	Experimental train - diagram showing speed, indicated horsepower, pull on drawbar between Euston and Crewe, 24 Jul 1910	10 Aug 1910		George V class no. 2663 'George the Fifth', dynamometer car and 13 coaches	Non-stop run

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
125	C55	00328	J200	Tonnage loading of goods etc. trains between Bletchley and Tring	7 Jun 1914		4'3" 8 coupled coal engine no. 1790, superheated, 2 runs each with coal and mineral trains	Driver J. Payne
125	C55	00329	J216?	Experimental train - diagram showing speed, drawbar pull and gradient section between Crewe and Carlisle, 4 Nov 1913	31 Dec 1913		6'6" 6 coupled passenger engine no. 1159 'Ralph Brocklebank'	
125	C56	00330		Detail of coal bunker in van	none		20/AT	
125	C56	00331	10-79	Diagram showing leading and trailing buffer beams	24 Feb 1917		3000 gallon tender for G class	no. in pencil 323/9 also
125	C56	00332	10-73	Axle box for axles without collars and springs with flat seating	28 Feb 1916		3000 gallon tender	
125	C56	00333	U6	Details of crosshead and gudgeon pin	15 Mar 1915		5'0" 6 wheel coupled goods engine 18 1/2 x 24" cylinders (4 cyl compound (1400 class) converted)	
125	C56	00334	H721	Details of piston valves 1/16" lap, (B design) and liners	4 Mar 1915		George V and Prince of Wales and 4'3" 8 couple (20 1/2" cyls superheated) coal engines	
125	C56	00335	U4	Details of cylinder ends, radius rod brackets, slide bars, piston rods and cover plates for exhaust branch	4 Mar 1915		5'0" 6 coupled goods engine 18 1/2" x 24" cylinders, 4 cyl compound (1400 class) converted	
125	C56	00336	4-146	Arrangement of pyrometer, lubricators and pies	3 Dec 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00337	4-X	General arrangement of auto vacuum brake gear	20 Nov 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00338	4-145	Details of top footplate castings and raised tender fall-plate	20 Nov 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00339	4-W	General arrangement of smokebox	30 Oct 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00340	4-142	Details of cylinder lagging plates and splashers for trailing wheels of radial truck	30 Oct 1914		Experiment class, fitted with special DM valve arrangement	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
125	C56	00341	4-U	Arrangement and details of snifting valve drain cup and elbow	26 Oct 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00342	4-137	Details of cylinder drain valves and brackets	2 Sep 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00343	4-0	Details of splashers	27 Aug 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00344	9-6	Details of driving axlebox	15 Aug 1914		4'3" 4 cylinder compound coal engine	Also other 4'3" engines
125	C56	00345	4-M	Details of valve motion	15 Aug 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00346	4-N	Details of slide bars	15 Aug 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00347	4-J	Details of rocking shaft brackets and bearing in frames	5 Aug 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00348	4-K	Details of piston rods	5 Aug 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00349	4-I	Details of steam pipes and flanges	5 Aug 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00350	4-G	Details of miscellaneous and castings	21 Jul 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00351	4-125	Details of crosshead and gudgeon pins	21 Jul 1914		Experiment class, fitted with special DM valve arrangement	
125	C56	00352	4-H	Details of steam chest covers and valve liners	17 Jul 1914		Experiment class, fitted with special DM valve arrangement	
125	C58	00353	4-124	Details of piston valves	17 Jul 1914		Experiment class, fitted with special DM valve arrangement	
125	C58	00354	4-B	Details of cylinder covers and piston head	1 Jul 1914		Experiment class, fitted with special DM valve arrangement	
126	C58	00355	135261	Arrangement of ATC apparatus	12 Sep 1955		2-8-0 Austerity class	BR Western Region

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
126	C58	00356	C35735	Foundation ring join for steel inner firebox, Belpaire type	29 Oct 1943		Classes G1 and G2	
126	C58	00357	9-21	Patchplate in boiler barrel following mishap	none		Mishap to 4'3" 8 coupled coal engine no. 134	
126	C58	00358	J254	Experimental trip - diagram showing speed, drawbar pull and gradient section between Crewe and Carlisle, 25 and 26 Jan 1927	24 Oct 1927		Claughton class no. 5908 'Alfred Fletcher' fitted with Caprotti valve gear	
126	C58	00359	T335	Details of foundations of Madeley borehole pumping plant	29 Dec 1926		Madeley borehole	See drawing no. 00497
126	C58	00360	J249	Part of test between Florence and Rome Sunday 13 Dec 1925	21 Dec 1925		2-6-2 4-cyl simple locomotive fitted with Caprotti valve gear	
126	C58	00361	A86	Sections	24 Feb 1925		G1 class 4'3" 8 coupled coal engine	
126	C58	00362	13-123	Diagram of heights and centres of swan neck pipes for vacuum brake on tenders	21 Jan 1924		4 types of tender	
126	C58	00363	T277b	Diagram showing pumping levels and yield of no. 3 boring for water supply at Whitmore	none		Whitmore troughs	See drawing nos. 00509, 00511, 00512, 00589, 00590
126	C58	00364	13-121	Diagram of lubricating gudgeon pins when floating bush is used	15 Jan 1924		Division A engines	
126	C58	00365	H-837	Midland division water gauge.	15 Nov 1923		Adapted to suit A Division boilers	
126	C58	00366	J-236	Diagrams of Dynamometer Car test between Crofton Junction & Mytholmroyd on Sunday 25 March 1921	7 Apr 1923			
126	C58	00367	11-127	Details of coupling rods	28 Mar 1923		Class G2 superheated	
126	C58	00368	J-234	Vacuum brake tests between Crewe & Stafford on Sunday 25 Feb 1923	3 Mar 1923		Claughton No. 695 'Sir Arthur Lawley'	Driver W Phillips: Fireman G Wright
126	C58	00369	H-820	Detail of washout plugs & patch plates	27 Nov 1922		13 classes of locomotive	
126	C58	00370	H-809	Castings for slide valve & axlebox step	4 May 1922		Standard fitting	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
126	C58	00371	J29a	Section of gradients between Manchester (London Road) & London (Marylebone) via Aylesbury	21 Apr 1922			Great Central Railway
126	C58	00372	J233a	Vacuum brake tests between Crewe & Stafford on Sunday 18 Dec 1921	None		Claughton No. 2401 'Lord Kitchener'	Driver W Phillips: Fireman S Jones
126	C58	00373		Diagram showing position of coupled wheels hornblocks	16 Apr 1921		Claughton class	
126	C58	00374	68/10	Arrangement of frame plates & hornblocks	16 Apr 1921		Prince of Wales class	
126	C58	00375	10-121	Axlebox with SKF roller bearings	14 Jun 1921		3000 gallon tender	
126	C58	00376	9-21a	Development of boiler barrel plates	2 Dec 1921		4'3" 4 cylinder compound coal engine No. 134	
126	C58	00377	H-804	6mm injector clack box & steam connection	23 Aug 1923		Standard vertical boilers	
126	C58	00378	10-121	Axlebox with SKF roller bearings: details of axles	14 Jun `1921		3000 gallon tender	
126	C58	00379	J233	Vacuum brake tests between Crewe & Stafford on Sunday 26 Feb 1922	8 Mar 1922		Claughton No. 2401 'Lord Kitchener'	Driver W Phillips Fireman: A Tomkinson
126	C58	00380	10-121	Axlebox with SKF roller bearings	14 Jun 1921		3000 gallon tender	
127	C59	00381		End view, showing tubes and cylinders, scale 3" to 1'	none		8 wheeled side tank passenger engine	
127	C59	00382	J73	Side view, scale 3" to 1'	none		8 wheeled side tank passenger engine	
127	C59	00383	J75	Top view, scale 3" to 1'	none		8 wheeled side tank passenger engine	
127	C59	00384	J76	Top view, emphasising grate, firebox, tubes and blast pipe	none		8 wheeled side tank passenger engine	
127	C59	00385	H782	Miscellaneous steel castings for engines and tenders	none		Precursor, George V, Alfred the Great, 4'3" engines and 3000 gallon tenders	
127	C59	00386		no title - details of brake blocks	none		very many - probably all - LNWR classes	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
127	C59	00387		Diagram shewing clearance between axleboxes and hornblocks	none		very many classes of passenger and goods engine	
127	C59	00388		Detail and diagram of cast iron continuation of footboard	none		many classes of passenger and goods engine	overwritten in pencil 'scrap'
127	C59	00389	7-196	Arrangement of oil boxes and lubricating pipes for driving, intermediate and trailing axle boxes	none		Claughton class	
127	C59	00390		Detail of patch plate on frame over driving horn	none		Precursor class	
127	C59	00391		Boiler	none		Precursor class	
127	C59	00392	4-119	Details of colour lining	none		Prince of Wales class	
127	C59	00393		Details of coupling rods with bushes 3" wide	none		4'3" 8 coupled coal engine	
127	C59	00394	9-20	Diagram of boiler	none		4'3" 4 cylinder compound coal engine	
127	C59	00395	9-39	Arrangement of longitudinal roofing bars etc. for firebox	none		4'3" 8 wheel coupled 4 cylinder compound coal engine	
127	C59	00396		Details of lagging for boiler	none		5'0" 8 wheel coupled goods engine	
127	C59	00397		Boiler	none		5'0" 8 wheel coupled goods engine cylinders 19" dia x 26" stroke	
127	C59	00398	J231	Template for recording results of experimental trips between Crewe and Carlisle	none		blank	Shows gradients, drawbar pull, speed, boiler pressure, position of reversing gear, regulator opening
127	C59	00399	J228	Template for recording results of experimental trips between Rugby and Crewe	none		blank	Shows gradients, drawbar pull, speed, boiler pressure, position of reversing gear, superheater temperatures, regulator opening
127	C59	00400		Detail of crosshead and gudgeon pin	none		5'0" 8 wheel coupled goods engine	
127	C59	00401		Details of cylinders 19" diameter x 26" stroke	none		5'0" 8 wheel coupled goods engine	Pattern same as used for Precursor class

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
127	C59	00402	A82	Diagram of locomotive with flash boiler	Feb 1921		4-4-0 engine	Date and title in pencil
128	C59	00403		Details of cylinder lagging plate	none		5'0" 8 coupled goods engine cylinders 19" dia x 26" stroke	
128	C59	00404	9-1?	Details of reversing lever and rod	none		4'3" 4 cylinder compound coal engine fitted with large boilers	
128	C59	00405	J152	Section of line between Crewe and Holyhead	none		Gradient diagram	
128	C59	00406	3-59	Arrangement of handrail and vacuum pipe	none		5'6" 6 coupled side tank engines	
128	C59	00407	13.130	Diagram of steel tubes	none		Unidentified	
128	C59	00408		Steam ring jet	none		Loco type boiler with uptake chimney 15 1/2" diameter	
128	C59	00409	5-67	Union for securing steam pipe where it passes through panel	none		Based on Claughton class	
128	C59	00410	J79	Diagram	none		1500 gallon tender	
128	C59	00411		Side and end elevations	none		Class F, 4'3" 8 wheel coupled coal engine (4 cylinders) fitted with large boilers 5'2" diameter	
128	C59	00412		Side and end elevations	none		5'0" 6 coupled goods engine (cylinders 19" diameter)	Date 1906 in pencil
128	C59	00413		Packing for 2" piston rod	none		Several different designs	Stapled to drawing no 414
128	C59	00414	C33	Packing for 1 1/4" valves	none		Several different designs	Stapled to drawing no 413
128	C59	00415	H220a	Carriage heating apparatus stop cock, shewing relative position of drain hole and groove in cock, when steam is shut off from train	none		Standard fitting	
128	C59	00416	C52	Dimensions and weights	none		Steam motor carriages	
128	C59	00417	10-98	Tender axles with 11" x 5 1/2" journals	none		3000 gallon tender	
128	C59	00418	J192	Diagram	none		6 coupled Belgian engines	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
128	C59	00419	G85	Loco coal wagon to carry 10 tons	none		Loco coal wagon	
128	C59	00420		Side and end elevations	none		Alfred the Great class	
128	C59	00421		Side and end elevations	none		Cloughton class	Date 1913 in pencil
128	C59	00422		Side and end elevations	none		George V class	Date 1910 in pencil
128	C59	00423		Side and end elevations	none		Precursor class	Date 1906 in pencil
128	C59	00424		Side and end elevations	none		5'6" 6 coupled side tank engine fitted with superheater	Date 1911 in pencil
128	C59	00425		Side and end elevations	none		5'6" 6 coupled side tank engine without superheater	Date 1910 in pencil
128	C59	00426	J182	Side and vertical elevations	none		George V class	
128	C59	00427		Wheel arrangement, dimensions and weights	none		George V class fitted with superheater	
128	C59	00428	H220c	Carriage heating apparatus, shewing positions of handle on steam cock	none		Standard fitting	
128	C59	00429	13-11	Snap headed parallel split pins	none		Standard fitting	
128	C59	00430	K137	Vacuum brake - stop bracket for trailing end	none		4'3" 8 coupled shunting engine, 5'0" 6 coupled side tank (18" cylinders), 5'6" 4 and 6 coupled side tank, 6'0" 4 coupled side tank	
128	C59	00431	13-51	Diagram showing position of spark arrestor in smoke box	none		Standard fitting	
128	C59	00432	H762a	Steam pressure gauge	none		Standard fitting	
128	C59	00433	4-49	Diagram of copper tubeplate	none		6'0" 6 coupled passenger engine	
128	C59	00434	H286	View of smokebox showing double chimney arrangement	none		6'6" 4 wheel coupled passenger engine	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
128	C59	00435		Alteration of valve spindle and buckle	none		Compound locomotive experiment	
129	C59	00436	E27	Diagram of boiler	none		18" cylinder express goods engine	
129	C59	00437	D54	Detail of firebox	none		5'0" 6 wheel coupled goods engine (19" cylinders)	
129	C59	00438		Hornblock	none		Webb's compound passenger engine, Dreadnought class	
129	C59	00439	14-70	Diagram showing arrangement of cylinders and steam pipes	none		4 cylinder compound engine (F.W. Webb's system)	
129	C59	00440	15-37	Side and end elevations	none		proposed 4'3" 8 wheel coupled side tank shunter, superheated	
129	C59	00441	1-17	Brasses for connecting and coupling rods	none		4'6" 4 coupled side tank engine, 2-4-2 type	
129	C59	00442	C88	General arrangement of table carrying line sections	none		Dynamometer car	
129	C59	00443		Proposed patch for r.h. side of firebox	none		BR Standard 2-10-0 class 9	BR London Midland Region
129	C59	00444		Proposed patch for l.h. side of firebox	none		BR Standard 2-10-0 class 9	BR London Midland Region
129	C59	00445		Proposed patch for r.h. side of firebox	none		BR Standard 4-6-2 class 7	BR London Midland Region
129	C59	00446		Details of ??? and waiting room	none		LNWR hospital at Crewe	Architectural plan, bottom right panel cut off
129	C59	00447	T324	Position of gas mains	none		West Street, Crewe	Street plan
129	C59	00448		Sectional elevation of water gauge	none		Unidentified	
130	C57	00449	12-73	Crewe Tractors - details of torque rods	none		Crewe Tractors	
130	C57	00450	12-72	Crewe Tractors - details of brake strap and fulcrum pin	none		Crewe Tractors, nos. 13 to 62 inclusive	
130	C57	00451	12-79	Crewe Tractors - details of cross beam and nut for turntable	none		Crewe Tractors, nos. 13 to 62 inclusive	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
130	C57	00452	12-78	Crewe Tractors - details of steel castings for front end of frame	none		Crewe Tractors, nos. 13 to 62 inclusive	
130	C57	00453	12-77	Crewe Tractors - details of foot brake lever	none		Crewe Tractors, nos. 13 to 62 inclusive	
130	C57	00454	12-76	Crewe Tractors - details of brackets for running boards	none		Crewe Tractors, nos. 13 to 62 inclusive	
130	C57	00455	12-75	Crewe Tractors - details of cast steel housing and roller bearing for rear axle	none		Crewe Tractors	
130	C57	00456	12-74	Crewe Tractors - details of steel box cover to petrol tank	none		Crewe Tractors	
130	C57	00457	12-67	Crewe Tractors - details of chain wheels	12 Jun 1920		Crewe Tractors	
130	C57	00458	12-66	Crewe Tractors - details of rear rail axle and housing	28 May 1920		Crewe Tractors, from no. 63 inclusive	
130	C57	00459	12-65	Crewe Tractors - details of ball housings	28 May 1920		Crewe Tractors	
130	C57	00460	12-64	Crewe Tractors - arrangement of ball bearing on rear axle	28 May 1920		Crewe Tractors, nos. 3 to 12 inclusive	
130	C57	00461	12-63	Crewe Tractors - details of front spring buffer casting	10 May 1920		Crewe Tractors	
130	C57	00462	12-62	Crewe Tractors - spring draw and buffing gear to trailing end	10 May 1920		Crewe Tractors	
130	C57	00463	12-61	Crewe Tractors - wrought steel details for spring buffers	10 May 1920		Crewe Tractors	
130	C57	00464	12-60	Crewe Tractors - turntable centre pivot and beam	5 May 1920		Crewe Tractors	
130	C57	00465	12-59	Crewe Tractors - spring draw and buffing gear to front end	none		Crewe Tractors	
130	C57	00466	12-55a	Crewe Tractors - details of back rail axle	28 May 1920		Crewe Tractors, from no. 63 inclusive	
130	C57	00467	12-55	Crewe Tractors - details of back axle (with ball bearings)	27 Aug 1917		Crewe Tractors	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
130	C57	00468	12-54	Crewe Tractors - details of front axle	none		Crewe Tractors	
130	C57	00469	12-53	Crewe Tractors - details of steel stamped wheel	none		Crewe Tractors	
130	C57	00470	12-50	Crewe Tractors - details of steel underframe fitted with spring buffers	29 Oct 1917		Crewe Tractors	
130	C57	00471	12-49	Crewe Tractors - general arrangement	20 Apr 1917		Crewe Tractors	This is the key drawing for the Crewe Tractors series
131	C63	00472	page 4a of index (s	Side and end elevations	none		Cloughton class with 5'5" diameter boiler	A very small drawing
131	C63	00473		Side and end elevations	none		Cloughton class	A very small drawing
131	C63	00474		Side and end elevations	none		5'0" 6 coupled compound goods engine	A very small drawing
131	C63	00475	page 23 of index (	Side and end elevations	none		4'3" 8 coupled side tank (superheated)	A very small drawing
131	C63	00476		Index to 45-page book of drawings of engines	none			A very small drawing
131	C63	00477	page 31 of index (	Side and end elevations	none		4'3" 6 coupled coal engine	A very small drawing
131	C63	00478	page 38 of index (	Side and end elevations	none		2'6" 4 coupled shunter	A very small drawing
131	C63	00479	page 22 of index (	Side and end elevations	none		4'3" 8 coupled G1 class (superheated)	A very small drawing
131	C63	00480	page 22a of index	Side and end elevations	none		4'3" 8 coupled G2a class (superheated)	A very small drawing
131	C63	00481	J242	Leeds to Carlisle gradient profile	21 Mar 1924		Leeds to Carlisle gradient profile	A very small drawing
131	C63	00482		1500 gallon oil tank - graduation scale	30 Aug 1921		1500 gallon oil tank	A very small drawing
131	C63	00483	4.187	Diagram showing positions of reversing shaft lever	9 Nov 1922		Prince of Wales class direct motion	
131	C63	00484	H757 - M6	French standard draw hooks, drawbars, buffers and screw couplings	3 Mar 1915		French standard draw hooks, drawbars, buffers and screw couplings	Copy of drawing accompanying letter 720 3-3-1915

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
131	C63	00485	E23	Through footplate	none		Precursor, George V, Experiment, Prince of Wales, 5'0" 6 coupled goods engines	
131	C63	00486	EU44	Side elevation	none		Proposed 2 cylinder 4-6-0 engine (rebuilt Prince of Wales class)	Copy of Euston print
131	C63	00487	page 25 of index (	Side and end elevations	none		4'3" 8 coupled G class	
131	C63	00488		Side and end elevations	none		5'0" 6 coupled goods (19" cylinders)	
131	C63	00489	J256	Side and end elevations	none		Greenore tank engine	
131	C63	00490		Side elevation	none		0-4-4 side tank engine 18" x 26" cylinders	
131	C63	00491	13-43 E23	No title - steam pipes	none		Precursor, George V and Queen Mary classes	
131	C63	00492	page 20 of index (	Side and end elevations	none		5'0" 6 coupled special DX	
131	C63	00493		Diagram of piston ring arrangement on LNW Railway	28 Aug 1923		Crewe engines	
131	C63	00494		Rocking lever (Class 2) and adjustable crosshead for inside valve spindle	12 May 1922		not specified	
131	C63	00495	H826	Existing seating adapted to new arrangement of washout plug	19 Feb 1923		not specified	
131	C63	00496		Unidentified castings - peculiar shapes	27 Apr 1922		Classes 1, 2, 5 and 37	
131	C63	00497	T315	Site of bore hole	3 Oct 1923		Part plan of Madeley	See drawing no. 00359
131	C63	00498	H825	Crank axle block - standard position of test bars	20 Feb 1923		Standard fitting	
131	C63	00499	14a	Drill guide for compensating lever - Mark 2	16 Feb 1942		Standard fitting	
131	C63	00500	14a	Drill guide for compensating lever - Mark 3	16 Feb 1942		Standard fitting	
131	C63	00501	14a	Drill guide for brake cylinder	20 Feb 1942		Standard fitting	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
131	C63	00502	C61	Detail of no. and code plates	10 Jan 1923		Steam motor carriage and motor trains	
131	C63	00503	11-142	Solid forged crank axle	14 Jun 1923		4'3" 8 coupled coal engine, G2 class	
131	C63	00504		No title - bolts and threads	none		Not specified	In pencil, reference to Drawing no. 185 Mv
131	C63	00505	13-133	Diagram of studs for external boiler fittings	2 Jul 1924		5'0" 6 coupled special DX and 4'3" 6 coupled coal engines	
131	C63	00506	? 219	Details of driving axle	29 Mar 1924		6'0" 6 wheel coupled passenger engine	
131	C63	00507	13-125	Diagram of enamelled articles	none		Standard fitting	
131	C63	00508	J251	Diagram of Caprotti Valve Gear	25 Oct 1927		Standard fitting	
131	C63	00509	T351R	Diagram of borehole no. 3	2 Jan 1930		Whitmore borehole	See drawing no. 00363, 00509, 00510
131	C63	00510	13-137	Diagram of superheater element tubes	6 Jul 1927		LMS Division A engines	
131	C63	00511		Plan of reservoir showing proposed alterations	none		Whitmore pumping station	See drawing no. 00363, 00509, 00512, 00589, 00590
131	C63	00512	T337	Block plan of Whitmore Pumping Station	22 Jan 1927		Whitmore pumping station	See drawing no. 00363, 00509, 00511, 00589, 00590
131	C63	00513	CRS 4715	Details of cracking through rivet holes - 2nd barrel plate to throat plate	none		ex-LMS 2 cylinder 4-6-0 class 5, boiler no. 12932	Pencil drawing on standard Crewe template
131	C63	00514		"The first locomotive engine built in Manchester. The Experiment engine as made by Mr Richard Roberts, Manchester, in 1833"	none		The Experiment engine of 1833	
131	C63	00515	J232	LNWR Buxton branch longitudinal section from Bibbington's sidings to Sherwin's level crossing	22 Nov 1921		Buxton branch part longitudinal section	
131	C63	00516	A85	"The Rocket" general arrangement	29 Dec 1924		The Rocket	
132	C64	00517	C19878	Arrangement of pyrometer. Lubricators and pipes	4 Nov 1915	17 Jul 1946	4'3" 8 coupled superheated coal engine	Also in Crewe main series

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
132	C64	00518		Side and end elevations	9 Sep 1930		"The Lion"	
132	C64	00519	754	Towing hook for steam tug	Nov 1879		Steam tug (unstated whether rail or ship)	
132	C64	00520		Arrangement of platform and coaling tips	19 Jun 1868		Camden steam shed	
132	C64	00521	C19896	Arrangement and detail of india rubber water bag connection between engine and tender	3 Jan 1916		Standard fitting	Also in Crewe main series
132	C64	00522	17	Handrail, tie bar and details	Jun 1859	20 Jul 1868	7'0" 6 wheel passenger engine	
132	C64	00523	7	Coupling rods and crank pins	16 Nov 1875		Crewe Old Goods 4-wheel coupled saddle tank engines	
133	C64	00524		Single end screw coupling for engines and tenders	8 Apr 1881		Standard fitting	
133	C64	00525	30	Cast iron ? (undecipherable)	none		7'6" passenger engine	In pencil - faint
133	C64	00526		Arrangement for lubricator trailing axle boxes from footplate	21 Jun 1883		6'6" compound engines	
133	C64	00527		Central buffer and coupling for engine and tender	11 Nov 1887		Standard fitting	Obsolete in 1893
134	C64	00528		Details of covering plates	none		5'0" 8 coupled goods engine, cylinders 19" dia x 26" stroke	
134	C64	00529		Details of frame plates	none		5'0" 8 coupled goods engine, cylinders 19" dia x 26" stroke	
134	C64	00530	C20131	General arrangement	20 Apr 1917		Crewe tractors	
134	C64	00531	C37128	Side elevation	6 May 1949		MOS 2-8-0 Austerity loco with 8-wheeled tender	North British Locomotive Company, Glasgow
134	C64	00532		General arrangement and details of vacuum pipes	1 Aug 1905	18 Feb 1910	Steam motor carriage, cylinders 9 1/2" x 15"	
134	C64	00533	C33526	Arrangement of "Wakefield" fountain "G" type axlebox lubrication	30 Dec 1937	10 Mar 1944	Classes G1 and G2	
135	C65	00534		Front and rear end views	1 Aug 1923		Prince of Wales class	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
135	C65	00535		General arrangement of regulator	none		Rail motor coach	Paper copy in very bad condition
135	C65	00536		Low pressure piston and front cover	11 May 1926		4-6-2 and 2-8-2 superheated compound engines	Paper copy in very bad condition
135	C65	00537	C19790	Side elevation and plan shewing many details	8 Oct 1912		6'0" 6 coupled passenger engine - superheated - Prince of Wales class	Paper copy in very bad condition. Also in Crewe main series
135	C65	00538		Details of low pressure cylinders	none		Proposed 4-6-2 and 2-8-2 compound engines	Paper copy in bad condition.
136	C65	00539		Important mechanical design details	none		Locomotive no. 790 "Hardwicke"	
136	C65	00540		Resume of important mechanical design details	none		Locomotive no. 790 "Hardwicke"	All script, no drawing
136	C65	00541		Pencil sketch of frame	none		4-4-2 locomotive	
136	C65	00542	C33135	Arrangement of regulator	16 Feb 1937	7 May 1942	Black 5 - 2 cylinder 4-6-0 mixed traffic engines nos. 5000-5006 and 5020-5069	
136	C65	00543		Coal put into and taken out of stock (in stacks) Jan - Dec 1915	23 Feb 1916		Graph	
136	C65	00544		Stock and consumption of fuel daily 1 Mar - 30 April 1912 in relation to coal strike	May 1912		LNWR loco department - graph	
136	C66	00545	CR.S.1833	Hammer blow diagram	none	29 Dec 1941	2-8-0 2 cylinder taper boiler engine from nos. 8012	
136	C66	00546	26-10259	Engine number plate for smokebox door	18 Mar 1948		Standard fitting	
136	C66	00547	D05-6432	Engine number plate for smokebox door	12 Jun 1939	5 May 1944	Standard fitting - long list of classes	
136	C66	00548	D42-16506	Tender front drag box (fabricated)	30 Sep 1942	2 Oct 1942	Standard 4000 gallon tender	
137	C66	00549	C31164	Brake hanger and block	29 Jan 19??	12 Sep 1939	2-8-0 freight class 8F	
137	C66	00550	C30167	Dragbox and carrier bracket	not visible	5 Dec 1939	4000 and 3500 gallon tenders	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
137	C66	00551	C33???	Tender hind dragbox (fabricated)	Nov 1942		Standard 4000 gallon tender	With two attachments: GWR instruction plate (Swindon Feb 1943) and cab notices (Swindon 1942) 2-8-0 WD engines
137	C66	00552	C32549	Frame slotting template	20 Jan 1937?	27 Aug 1940	2-8-0 freight class 8F	
137	C66	00553	C35428	Motion girder	22 Oct 1942		2-8-0 freight class 8F	
137	C66	00554	D05-6432	Engine number plate for smokebox door	12 Jun 1934	12 Jun 1939	Standard fitting - 5 locomotive classes	
137	C66	00555	D37-15022	Instruction plates, cards and cases	22 Jul 1937	8 Mar 1943	Many loco classes	
138	C66	00556	C32414	Smokebox deflector plates	28 Mar 1936	13 Apr 1939	2 cylinder 2-6-0 and 2-8-0 locomotives	
138	C66	00557	C32442	Handrails, pillars and brackets	5 Feb 1936	22 Dec 1942	2-8-0 freight class 8F	
138	C66	00558	C35369	Frame arrangement	20 Jun 19??	9 Oct 1942	2-8-0 freight class 8F	Also in main Crewe series
138	C66	00559	C32520	Arrangement of blow-down apparatus	21 Jan 1936	24 May 1938	Standard 4000 gallon tender with welded tank	
139	C67	00560	C33426	2 copies of General arrangement 4000 gallons tender (streamlined)	15 Sep 1937		4000 gallon tender type 3 for 4-6-2 passenger engine	2 copies of paper drawing - 1 more copy in Crewe main series
139	C67	00561	C30903	Frame for 4000 gallon tender	none	14 Oct 1943	standard 4000 gallon tender	
139	C67	00562	C35143	Motion arrangement	3 Dec 1941		2-8-0 freight class 8F	Also in main Crewe series
140	C68	00563		Detail of driving axle	20 Mar 1934		8'6" passenger engine "Cornwall"	Modern version of old drawing
140	C68	00564		Circular smokebox front and door	20 Mar 1934		8'6" passenger engine "Cornwall"	Modern version of old drawing
140	C68	00565		Link and valve spindle guide	20 Mar 1934		8'6" passenger engine "Cornwall"	Modern copy of old drawing date 20 Aug 1858
140	C68	00566		Reversing shaft and lifting link	20 Mar 1934		8'6" passenger engine "Cornwall"	Modern copy of old drawing date 20 Aug 1858

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
140	C68	00567		Detail of axle and axlebox	20 Mar 1934		8'6" passenger engine "Cornwall"	Modern version of old drawing
140	C68	00568		General arrangement and details of screw reversing gear	20 Mar 1934		8'6" passenger engine "Cornwall"	Modern version of old drawing
140	C68	00569		Hand reversing gear	20 Mar 1934		8'6" passenger engine "Cornwall"	Modern copy of old drawing date 20 Aug 1858
140	C68	00570		Rocking shaft	20 Mar 1934		8'6" passenger engine "Cornwall"	Modern version of old drawing
141	C57	00571	2-76	Position of injector internal delivery pipes	20 Nov 1920		WD 2-8-0 engines	
141	C57	00572	PC 10839 and 146	Metallic packing for piston rods, reference letters S and T	29 Oct 1920		Standard fittings	
141	C57	00573	H795	Standard 8mm and 10mm restarting injectors	11 Oct 1920		Stationary boilers	
141	C57	00574		New brake hanger and block	none		5'6" 6 coupled side tank engine	a very small drawing
141	C57	00575		Details of cast iron brake blocks (for contractors)	12 Jul 1920		Standard fittings	a list of numbers for each version attached
141	C57	00576		Arrangement of girders for craneway and wall over traverser pit	17 Apr 1920		Nos.5, 6, 7 and 8 erecting shops, presumably Crewe	
141	C57	00577	11-128	Details of driving axlebox	17 Aug 1920		G1 class, 4'3" 8 coupled coal engine (superheated)	Also used for classes B, C, C1, D, E, F, G
141	C57	00578	11-125	Alteration to junk ring and studs for piston head	8 Jun 1920		Engines with 20 1/2" cylinders (superheated)	
141	C57	00579		Details of footstep pads	28 Apr 1920		Prince of Wales class	
141	C57	00580	J220	Experimental trip between Glasgow (Mossend) and Carlisle (Kingmoor) on January 18 1920, dynamometer diagram between Motherwell and Braidwood	29 Jan 1920		Class G1 no. 2421 hauling mixed goods train	Load behind tender 892T 16C 3Q
141	C57	00581	H780	Details of bottom gauge cock (with ball valve)	8 Dec 1919		Standard water gauge	
141	C57	00582	J219	Caledonian Railway: section Carlisle - Glasgow Buchanan Street	13 Nov 1919		Gradient profile	

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
141	C57	00583	11-121	Details of tubes and joints	11 Aug 1919		G1 and G2 classes, 4'3" 8 coupled coal engines (superheated)	
141	C57	00584	D95	Details of boiler and firebox plates	30 Jul 1919		5'0" 6 wheels coupled goods engine (19" cylinders)	
141	C57	00585	P94	General arrangement of firebox	28 Jul 1919		5'0" 6 wheels coupled goods engine (19" x 26" cylinders)	
141	C57	00586	11-118	Details of boiler mountings	16 Jul 1919		G1 and G2 classes, 4'3" 8 coupled coal engines (superheated)	Crewe PC 7156, 18676, 18156
141	C57	00587	13-111	Diagram of copper plates for fire-boxes	11 Jun 1919		Cloughton class 6'6" 6 coupled passenger engine	
141	C57	00588		Side and end elevations	7 Jan 1919		Great Central Railway 2-8-0 Consolidation type	
141	C57	00589	T277d	Plan of Whitmore reservoir	none		Whitmore reservoir	see drawings nos. 00363, 00509, 00511, 00512, 00590
141	C57	00590	T277b	Plan and general section at reservoir	12 Dec 1918		Whitmore reservoir	see drawings nos. 00363, 00509, 00511, 00512, 00589
141	C57	00591	H768	Elevations and details	8 Nov 1918		Locomotive crane to lift 3 tons	
141	C57	00592	J245	Vacuum brake tests with dynamometer car between Oxford and Bletchley, June 13 1918	26 Jun 1918		GWR 6'6" 6 coupled 4 cyl. engine no. 4014 and LNWR George V class no. 896	1 trip in each direction with each engine
141	C57	00593	H160	Detail of steam valve for restarting injectors	26 Mar 1918		Standard fitting	
141	C57	00594	10-87	Details of frame plates for 3000 gallon tenders with sloping bunkers etc.	20 Mar 1918		G2 class 4'3" 8 coupled coal engine (superheated)	
141	C57	00595	1-21	Details of wheels, tyres and axles	28 Jun 1917		4'6" 4 coupled side tank (8 wheels)	
142	C69	00596	C32018	General arrangement - journal lapping machine	23 May 1935	10 Dec 1935	Works machine	Paper drawing
142	C69	00597	C32008	Arrangement and detail of reduction gear bedplate - journal lapping machine	17 May 1935	10 Dec 1935	Works machine	Paper drawing

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
142	C69	00598	C31314	Wheel rotating gear, arrangement and details - journal lapping machine	19 Jul 1934	10 Dec 1935	Works machine	Paper drawing
142	C69	00599	C31300	Arrangement and details of trolley traversing gear - journal lapping machine	13 Jul 1934	10 Dec 1935	Works machine	Paper drawing
142	C69	00600	C31212	Details of trolley for journal lapping machine	31 May 1934	10 Dec 1935	Works machine	Paper drawing
142	C69	00601	C31211	Arrangement of trolleys - journal lapping machine	none	10 Dec 1935	Works machine	Paper drawing
142	C69	00602	C31319	Motor pulley - journal lapping machine	23 Jul 1934	23 Jul 1934	Works machine	Paper drawing
142	C69	00603	C31224	Split pulley lap - journal lapping machine	6 Jun 1934	6 Jun 1934	Works machine	Paper drawing
143	C70	00604	C32753	General arrangements - end views	none		Not stated	Paper drawing
143	C70	00605	C38016	Side and end elevations	16 Mar 1966		1'6" gauge tramway engine "Pet"	Paper drawing - 2 copies. Original in main Crewe series
143	C70	00606		Detailed drawings	16 Mar 1966		LNWR 3000 gallon tender with sloping bunker	Paper drawing
143	C70	00607	C30890	Tank arrangement	2 Mar 1967		4000 gallon tender	Paper drawing
143	C70	00608		Arrangement of vacuum controlled regulator gear for motor train working	3 Jan 1957		5'6" 4 coupled side tank passenger engine	Paper drawing
143	C70	00609	C21494	Cast iron baseplate for Ross type safety valve	3 Mar 1923		Division A engines	Paper drawing. Original in main Crewe series
143	C70	00610		Side and end elevations	16 Mar 1966		G2 class 4'3" 8 coupled engine (superheated)	Paper drawing
143	C70	00611		Side and end elevations	9 Sep 1030		Locomotive 'Lion'	Paper drawing - 2 copies
143	C70	00612	C33448	Arrangement of welded tank	bef 17 Jan 1938	30 Sep 1966	4000 gallon tender - increased coal capacity	Paper drawing - very torn
143	C70	00613		General arrangement of auto vacuum brake gear	29 Oct 1890	20 Mar 1950	5'6" side tank passenger engine	Paper drawing - torn
143	C70	00614		Rods	none		4'3" 8 coupled coal engine (20 1/2" cylinders) new engines	Paper drawing - torn

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
144	C72	00615	C29135	Elevation and end views	22 Feb 1907		5'0" 6 wheel coupled 4 cylinder compound goods engine	Paper drawing. Also in main series. 1st engine built March 1903
144	C72	00616	C29136	Elevation and plan	9 Jul 1900		5'0" 6 wheel coupled 4 cylinder compound goods engine	Paper drawing. Also in main series.
144	C72	00617	C32444	Clothing arrangement	12 Feb 1936	23 May 1944	2-8-0 superheated freight engine with sloping throat plate	Paper drawing. Also in main series.
144	C72	00618	C32540	Backplate and mountings - taper boiler	25 Feb 1936	14 Jan 1944	2 cyl 2-8-0 freight with taper boiler and sloping throat plate	Paper drawing. Also in main series.
144	C72	00619	C32725	Grease gun lubrication - shed chart (not including parts oiled daily by driver)	none		2 cyl 2-8-0 freight engine	Paper drawing. Also in main series.
144	C72	00620	C32523	Pipe and rod arrangement end views	31 Mar 1936	7 Dec 1960	2 cyl 2-8-0 freight with taper boiler and sloping throat plate	Paper drawing. Also in main series.
144	C72	00621	C32522	Pipe and rod arrangement elevation and plan	20 Feb 1936	7 Dec 1960	2 cyl 2-8-0 freight with taper boiler and sloping throat plate	Paper drawing. Also in main series.
144	C72	00622	C33607	Motion arrangement	8 Aug 1938	28 Dec 1939	2 cyl 2-8-0 freight	Paper drawing. Also in main series.
144	C72	00623	C32436	Smokebox arrangement	26 Mar 1936	25 Oct 1954	2 cyl 2-8-0 freight with sloping throat plate	Paper drawing. Also in main series.
144	C72	00624	C32129	Boiler arrangement	19 Oct 1935	3 Feb 1953	2-8-0 superheated freight engine with sloping throat plate	Paper drawing. Also in main series.
144	C72	00625	C24926	Particulars for painting tenders	4 May 1927		M.M. tenders redesigned for Claughton and Prince of Wales classes	Paper drawing. Also in main series. 2 copies.
144	C72	00626	C33551	Smokebox arrangement	12 Apr 1938	25 Oct 1954	2 cyl 4-6-0 MT engines	Paper drawing. Also in main series.
144	C72	00627	C32353	Smokebox arrangement	none	25 Oct 1954	2 cyl 4-6-0 MT engines with sloping throat plate	Paper drawing
144	C72	00628	D36-14688	Arrangement of back plate and mountings	illegible	11 Nov 1949	Princess Coronation 4-6-2 class	Paper drawing
144	C72	00629		Firebox arrangement	illegible	8 Nov 1956	Princess Coronation 4-6-2 class	Paper drawing
144	C72	00630	C33426	General arrangement 4000 gallons tender (streamlined)	15 Sep 1937		4000 gallon tender type 3 for 4-6-2 passenger engine	Paper drawing. Also in main series.

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
144	C72	00631	D37-15138	Cab arrangement	illegible	15 Jan 1960	Princess Coronation 4-6-2 class	Paper drawing
144	C72	00632	D36-?????	Boiler arrangement	illegible	8 Nov 1956	Princess Coronation 4-6-2 class	Paper drawing
144	C72	00633	C32313	Clothing arrangement	15 Nov 1937	30 Nov 148	2 cyl 4-6-0 MT engines	Paper drawing
144	C72	00634	C34016	Smokebox arrangement with "K-C" blast pipe	14 Mar 1939	25 Oct 1954	One locomotive of the Princess Coronation 4-6-2 class	Paper drawing
144	C72	00635	D37-?????	Clothing arrangement	illegible	19 Jan 1948	Princess Coronation 4-6-2 class	Paper drawing
144	C72	00636	C32312	Backplate and mountings. Taper boiler	7 Jan 1936	7 Apr 1944	2 cyl 4-6-0 MT engines with sloping throat plate	Paper drawing
144	C72	00637	C32724	Grease gun lubrication - shed chart (not including parts oiled daily by driver)	none		2 cyl 4-6-0 MT engines	Paper drawing
144	C72	00638	C32247	Internal pipe arrangement	21 Jan 1936	22 Sep 1950	2 cylinder 4-6-0 with taper boiler and sloping throat	Paper drawing
144	C72	00639		Frame arrangement	illegible	15 Nov 1950	2 cylinder 4-6-0 with taper boiler and sloping throat	Paper drawing
145	C73	00640		Diagram showing speed and pull of drawbar during trip with 12.58pm ex Carlisle to Crewe, 7 July 1909	none		CR engine no 903 "Cardean"	Paper drawing
145	C73	00641		Indicator diagrams taken between Liverpool and Crewe, 5 Sep 1898, load 16 1/2 coaches	none		Loco no. 1501 "Diamond Jubilee"	Paper drawing
145	C73	00642		Indicator diagrams taken between Euston - Crewe, 2 Nov 1913, and Crewe - Carlisle, 4 Nov 1913	9 Feb 1914		Cloughton class no. 1159 "Ralph Brocklebank"	Paper drawing
145	C73	00643	J97	Indicator diagrams taken between Crewe and Rugby while working an experimental train, 27 Mar 1904	9 Apr 1904		Precursor class no. 513	Paper drawing
145	C73	00644		Diagram of experimental trips between Crewe and Stafford, 1 Apr 1894	25 Apr 1894		4'3" 8 wheel coupled coal engine no. 2524 and 4'3" 8 wheel coupled compound coal engine no. 50	Paper drawing. 2 copies

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
145	C73	00645		Indicator diagrams taken between Crewe and London, 29 Aug 1915	24 Mar 1915		Engine no. 1361, "Prospero" fitted with DM valve arrangement	Paper drawing
145	C73	00646		Experimental trips between Crewe and Stafford, 1 Apr 1894	25 Apr 1894		4'3" 8 wheel coupled coal engine no. 2524 and 4'3" 8 wheel coupled compound coal engine no. 50	Paper drawing. 2 copies
145	C73	00647		Results of experimental trips between Crewe and Stafford 27 Sep 1903	10 Nov 1903		Engine no. 1952 "Benbow"	Paper drawing
145	C73	00648		Diagram of trip with 57 loaded coal wagons and three brake vans between Rugby and Willesden, 16 Jul 1893, length of trip 77 miles	24 Jul 1893		8 wheeled coal engine no. 2524	Paper drawing
145	C73	00649		Diagrams of engines and trains as they left Crewe on the 1st experimental trip between Crewe and Stafford, 1 Apr 1894	27 Apr 1894		4'3" 8 wheel coupled coal engine no. 2524 and 4'3" 8 wheel coupled compound coal engine no. 50	Paper drawing
145	C73	00650	J186	Speed trials. Diagram of non-stop run Crewe and Carlisle, 15 Oct 1911	20 Oct 1911		George V class "George V" fitted with Frodsham speed indicator, driver T. Jones	Paper drawing. 2 copies
145	C73	00651		Speed trials. Diagram of non-stop run Euston and Crewe, 8 Oct 1911	13 Oct 1911		George V class no. 2623 "George V" fitted with Frodsham speed indicator, driver T. Jones	Paper drawing
145	C73	00652	J187	Speed trials. Diagram of non-stop run Crewe and Euston, 8 Oct 1911	13 Oct 1911		George V class no. 2623 "George V" fitted with Frodsham speed indicator, driver T. Jones	Paper drawing
145	C73	00653		Diagram showing speed and pull of drawbar during trip with 10.00am ex Euston to Crewe, 26 Jun 1909	none		GNR 4-4-2 no. 1449, driver T. Bartlett, pilot J. Button	Paper drawing
145	C73	00654		Diagram showing speed and pull of drawbar during trip with 12.580.00am ex Carlisle to Crewe, 10 Jul 1909	none		Experiment class no. 2630 "Buffalo"	Paper drawing

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
145	C73	00655		Diagram showing speed and pull of drawbar during trip with 10.00 am Euston to Crewe, 25 Jun 1909	none		Precursor class no. 510 "Albatross", driver Robbins	Paper drawing
145	C73	00656		Diagram showing speed, indicated horsepower and pull of drawbar during trip with experimental passenger train between Crewe and Euston, 24 Jul 1910, with 1 stop at Rugby	8 Aug 1910		George V class no. 2663	Paper drawing
145	C73	00657		Diagram showing speed, indicated horsepower and pull of drawbar during trip with experimental passenger train between Crewe and Carlisle, 21 May 1905	16 Jun 1905		Experiment class no. 66	Paper drawing
145	C73	00658		Diagram showing speed, indicated horsepower and pull of drawbar during trip with experimental passenger train between Euston and Crewe, 24 Jul 1910	10 Aug 1910		George V class no. 2663	Paper drawing
145	C73	00659		Diagram showing speeds, drawbar pull and horsepower developed during trial trip between Crewe and Ruby, 27 Mar 1904	9 Apr 1904		Precursor class no. 513	Paper drawing
145	C73	00660		Diagram showing speeds, drawbar pull and horsepower developed during trial trip between Rugby and Crewe, 27 Mar 1904	9 Apr 1904		Precursor class no. 513	Paper drawing
145	C73	00661		Diagram showing speed, indicated horsepower and pull of drawbar during trip with experimental passenger train between Carlisle and Crewe, 21 May 1905	6 Jun 1905		Experiment class, no. 66	Paper drawing
146	C71	00662	C20244	Diagram of Joy's Valve motion	29 Oct 1917		Standard fitting	Ozalid
146	C71	00663	C11022	Not titled	none		Not given	
146	C71	00664	C19822	Arrangement of valve motion	23 Jun 1915		Class G1 4'3" 8 coupled engine (superheated)	Ozalid
146	C71	00665	C18479	Sections	1910		George V Class 6'6" 4 coupled passenger engine	Ozalid
146	C71	00666	C12266	Standard cast steel wheel with standard tyre for tenders	2 Feb 1897?		Standard fitting	Ozalid

Box	Prefix	Number	Old number	Title	Earliest date	Latest date	Classes of Locomotive	Other information
146	C71	00667	C19135	Sections	14 Apr 1913		Cloughton class 6'6" 6 coupled passenger engine	Ozalid - very dark
146	C71	00668	C32901	Streamlined tank arrangement	none	Mar 1961	4000 gallon tender, type III	Ozalid - very dark
146	C71	00669	C37765	Firebox arrangement	none	5 Jun 1948	2-8-0 Austerity, type 07	Ozalid
146	C71	00670	C35746	Side and end elevations	15 Aug 1893		4'3" 8 wheel coupled compound coal engine	Ozalid
146	C71	00671	C32723	Side and end elevations and plan	2 Feb 1903		Standard 2500 gallon tender	Ozalid
146	C71	00672		Side elevation and plan	9 Feb 1904		6'6" 4 wheel coupled passenger engine with Joy's valve motion	Ozalid
146	C71	00673	C28514	End views	21 Mar 1904		6'6" 4 wheel coupled passenger engine with Joy's valve motion	Ozalid - very dark
146	C71	00674	C27974	Elevation and plan	11 Apr 1894		5'6" 4 wheel coupled 8 wheel side tank engine	Ozalid
146	C71	00675	C27973	End views	11 Apr 1894		5'6" 4 wheel coupled 8 wheel side tank engine	Ozalid
146	C71	00676	C33426	General arrangement	Sep 1937		4000 gallon streamlind tender	Ozalid
146	C71	00677	C33886	Smokebox arrangement	none	25 Oct 1954	4-6-2 Princess Coronation class passenger engine	Ozalid
149	Misc	00678	CRS/727	Actual weight and centre of gravity	none		4-6-2 boiler with combustion chamber	Pencil tracing - badly torn
149	Misc	00679	CRS/1217	Diagram giving actual weight and centre of gravity	none		4-6-2 Princess Coronation class boiler with combustion chamber, nos. 6220-4	Pencil tracing
149	Misc	00680	62-20	General arrangement	23 Sep 1892		The "Rocket"	
149	Misc	00681	H17651	Crank pins	14 Aug 1935	31 Oct 1956	2-6-0 superheated goods with parallel boiler (Crab), nos. 2700-2944	