

A&G Price Drawings – second cabinet

In mid-2018 the New Zealand Railway & Locomotive Society Inc took on custodianship of the majority of the surviving engineering drawings from A&G Price and William Cable. The Price drawings date back to the mid-1890s while the Cable drawings mostly date from after WWII.

Early A&G Price drawings appear to have been unnumbered, but early in the twentieth century Prices started listing their new drawings, and those earlier drawings that they retained, in a simple numerical system. At an unknown date they also began a separate series of detail drawings in which the number was prefixed by the letters SK. From some time in late 1930 Prices instituted a system in which they separated drawings into several groups by size. Each size was distinguished by a number prefix. The largest drawings, generally around 1000mm×700mm were assigned the prefix 5-. These are the drawings listed here. The NZR&LS holds some, but by no means all, 5- series drawings up to about 1970. Slightly smaller drawings, approximately 750mm×650mm, were assigned the prefix -4. The NZR&LS holds the filing cabinet in which these drawings were filed, but, apart from a handful of tracings filed in with the 5- drawings, these drawings don't appear to have survived. Small, mostly detail, drawings around 605mm×380mm were assigned the prefix 3-. The NZR&LS holds 3- series drawings from 1930 up to about 1949 (many of Price's drawings were undated). There was also a 2- series of drawings, but none of these appear to have survived. Also, apart from one photostat, the NZR&LS does not hold any of Price's early SK- series of drawings. The NZR&LS does not hold any of Price's letter books, order books, or customer files, but does hold a cabinet of stores stock cards.

The drawings came to the NZR&LS in eighteen filing cabinets. Five contain A&G Price drawings. The remainder contain William Cable drawings, mostly relating to their lift and crane business. These include a group of Malcolm Moore crane drawings – Cables would appear to have been New Zealand agents for Malcolm Moore. The drawings are being catalogued and the relevant ones scanned by a small team of volunteers. This document lists the contents of the second cabinet.

A further 230 drawings, including general arrangements of both types of Price 16-wheeler, Price timber jacks, and many drawings of Price Tr locomotives are held by the Coromandel Heritage Trust <<http://www.thetreasury.org.nz>>.

This listing shows the Price drawing number, the title shown on the drawing (where present), the date the drawing was completed (where known), the draughtsperson (where known), the medium and the size in millimetres. Where list data are inferred from notes in the drawing, they are shown in curved brackets. Where they have been inferred from the compiler's background knowledge, they are shown in square brackets.

Scans of most drawings can be supplied on USB thumbdrive. A copy of the Society's current scale of charges can be found at the bottom of the list. Scans are 300 ppi at original size and are either 8-bit greyscale or 8-bit RGB colour LZW-compressed TIFFs depending on the original. File size varies between 25 MB and 200 MB, but is generally in the range of 40–70 MB.

If you wish to purchase copies of any of the scanned drawings, please email the NZR&LS archives group at <locoarchive@actrix.co.nz>, write to us at 1a North Street, Petone, Lower Hutt, New Zealand 5012, or telephone 64-4-568 4938 to discuss your requirements and arrange payment. You can also view the scans on screen at our Ava premises by arrangement with the archivist.

Please note that the original drawings are not held at our Ava premises. The originals are extremely fragile (particularly those produced after 1930, which are mostly pencil on tracing paper, yellowed, brittle, dirty, insect and mould-damaged, and suffering from cellulose tape repairs) and are not available to view.

Grey Cabinet 17 A–E

Drawer 5

5-1030–5-1153

All drawings scanned, except as noted

1076	Log Hauling Gear [skyline], HWW, traced WRB, checked HWW, 14/3/28 [ink on linen]	1000×675
1075A	Air Receivers at Moanataiari GM Thames, WR Buchan, checked HWW, 10/12/29 [ink on linen]	1010×680
1075	Air Receivers at Moanataiari GM Thames, WWM, traced WRB, checked WWM, 26/4/29 [ink on linen]	985×640
1077	Log Hauling Gear, HWW, traced WRB, checked HWW 10/4/28 [ink on linen]	945×670
1151	0-4-0 Petrol Loco Fordson Engine PWD Taumarunui Sanding Gear, HW Wilson, WRB, HWW 19/7/29 [ink on linen]	995×660
1153	Saw Husk Ball-bearing Pedestal for 2¾" Dia Top Saw Spindle (TTT), HWW & WWM, WRB 29/7/29 [ink on linen]	1015×675
1152	Saw Husk Ball-bearing Pedestal for 3½" Bottom Saw Spindle (TTT), HWW & WWM, WRB 24/7/29 [ink on linen]	1005×665
1150	0-4-0 Petrol Loco Fordson Engine PWD Taumarunui Brake Details, HW Wilson, WRB, HWW 5/6/29 [ink on linen]	1000×680
1149	0-4-0 Petrol Loco Fordson Engine PWD Taumarunui Frame Details, HW Wilson, WRB, HWW 21/5/29 [ink on linen]	1005×680
1148	0-4-0 Petrol Loco Fordson Engine PWD Taumarunui Wheels, Axle Housing, Rods, HW W, WRB 1/5/29 [ink on linen]	990×670
1147	0-4-0 Petrol Loco Fordson Engine PWD Taumarunui GA, HW Wilson, 13/5/29 [ink on linen]	985×670
1145*	Artificial Manure Distributer Modifications, HW Wilson 17/5/29 [pencil on paper]	1015×720
1144*	Artificial Manure Distributer Feed Variation Lever & Quadrant, WRB 2/4/29[ink on linen]	1000×660

1143*	Artificial Manure Distributer Arrgt Operating Gear, HW Wilson 29/1/29 [pencil & ink on paper]	985x675
1142*	Artificial Manure Distributer Feeder Plate, Oscillator Pinion &c, HWW, WRB 28/5/29[ink on linen]	995x675
1140*	Artificial Manure Distributer Wheel, Axles, Spur Wheel &c, HW Wilson 8/2/29 [pencil on paper – torn, Sellotape]	1020x695
1141[?]*	Artificial Manure Distributer Wood Framing Etc, GP 15/2/29 [pencil on paper – torn, Sellotape]	1020x695
1139*	Artificial Manure Distributer Operating & Control Gears (Wright Stephenson), ND [ink on linen]	990x680
1138*	Artificial Manure Distributer End & Feeder Plate Castings &c, HW Wilson, WRB, 22/3/29 [ink on linen]	985x680
1137	Steel Bogie With Swivelling Bolster (GA Gamman), WWM, WRB, GP 23/4/29 [ink on linen]	985x665
1136	13' Rubbing Bed Table Bearings Gears Shafts &c (Fletcher Construction) WWM, HWW, WRB 20/6/29 [ink on linen]	1000x675
1135	13' Rubbing Bed GA (Fletcher Construction) WWM, WRB 6/5/29 [ink on linen]	990x675
1134	13' Rubbing Bed Foundation Plan (Fletcher Construction) WWM, WRB 8/7/29 [ink on linen]	995x675
1133	Single Acting Track Jack & Spares (WF Co, AFFCo, NZR), traced WRB, 14/3/29 [ink on linen]	975x655
1132	Single Acting Track Jack & Spares (Auck Bch, FM Raymond), WWM, WRB, 11/3/29 [ink on linen]	980x635
1131	10–12 Ton Bottle Jack (Auck Bch, Niven Gisborne), WWM, WRB, 16/3/29 [ink on linen]	985x635
1130	Cross-Box for Johnston Bogie Conversion (Steel, Rawlinson & Dodds) WWM, WRB, HWW 16/4/29 [ink on linen]	990x680
1129	Johnston Bogie Conversion Skew Gears &c (Steele Bros) WWM, WRB, 19/4/29 [ink on linen]	995x685
1128	Johnston Bogie Conversion Brakework &c WRB, WWM, GP 9/4/29 [ink on linen]	1000x680
1127	Johnston Bogie Conversion Arrgt (Steel Bros) WWM, WRB, 7/4/30 [ink on linen]	1010x680
1126	Spiral Chute for Warehouse (NZ Milk Products), WWM, 18/1/29 [ink on linen]	980x685
1124	10" Breaking Out Block Light Type (E&B, Steele, Nat TC, H&P, SFS) ND [ink on linen]	1005x675
1123	CI Frame Ring for Fuller Mill (Wilson's Portland Cement), WWM, WRB 6/11/28 [ink on linen]	965x595
1122	Peckett Loco MS Furnace for Firebox 160psi (Auck Bch), HW Wilson 1/11/28 [ink on linen]	955x660
1121	Coal Shaker Details (Waipa Rwy & Collieries) WWM, WRB 2/11/28 [ink on linen]	965x630
1120	Coal Shaker Arrgt (Waipa Rwy & Collieries) WWM, GP 26/10/28 [ink on linen]	915x560
1116	Cba Loco Details Brakework, Chimney, Blastpipe &c, HW Wilson 21/12/28 [ink on linen]	980x685
1115	Cba Loco Brakework Details, Pull-rods, Levers &c, HW Wilson, WRB, passed GP 30/10/28 [ink on linen]	995x660
1113	Universal Joint for 3" Dia Shaft (Wharekawa Shingle Co) WWM 13/11/28 [ink on linen]	975x580
1112	Travelling Trolley for 1 Ton Jib Crane (NZR Workshops) WWM, WRB 30/11/28 [ink on linen]	970x630
1114	Cba Loco Frame & Brakework Arrangement, HW Wilson, WRB 28/11/28 [ink on linen]	1020x675
1111	Schooner Margaret W Friction Winch Details, Shafts &c, WWM, WRB, HWW, GP 26/10/28 [ink on linen]	980x645
1110	Schooner Margaret W Friction Winch Details, Forgings &c, WWM, WRB, HWW, GP 24/10/28 [ink on linen]	1000x660
1107A	Drawbar With Hooks For Coal Mining Trucks (Egmont Collieries) WWM, WRB 23/5/29 [ink on linen]	980x655
1107	Drawbar With Hooks For Coal Mining Trucks (Renown Collieries) WRB 18/9/28 [ink on linen]	980x630
1105	Dragline Excavator Details of Traveller & Dump Block (McLaggan & Vaughan) HWW, WRB 14/9/28 [ink on linen]	960x650
1102	18" D Roller Bearing Logging Block Sheave With Renewable Tyre (E&B) HWW, WRB 17/8/28 [ink on linen]	990x635
1101	8" Breaking Out Block Experimental (E&B, Endeans, Egmont Box, TTT, H&P, etc) WWM, WRB 16/11/28 [ink on linen]	985x660
1101A	8" Breaking Out Block (Endeans Waimiha) WWM, GSC ND [ink on linen]	505x665
1099	Dragline Excavator Carrier Detail of Frame & Bogie Plates (Wharekawa Shingle) HWW, WRB 13/8/28 [ink on linen]	1000x665
1098	Dragline Excavator Carrier Arrgt Detail of Sheaves & Pins (Wharekawa Shingle) HWWilson 1/8/28 [ink on linen]	980x655
1097	Arrgt & Details of Chairs for Mining Cage (Mahakapawa Goldfields) WRB 19/7/28 [ink on linen]	980x645
1096	11½ Cu Ft End Tipping Steel Mining Truck (Mahakipawa Goldfields) HWW, WRB 30/6/28 [ink on linen]	970x620
1095	Chimney for Multitubular Boiler (NZ Dairy Co Hamilton) WWM, WRB 6/8/28 [ink on linen]	985x595
1094	Smokebox for Multitubular Boiler 69 HP(TTT, Marsh & Miller) WWM, WRB 31/7/28 [ink on linen]	980x670
1093	Smokebox for Multitubular Boiler 30 HP (Henderson Sweets) WWM, WRB 3/8/28 [ink on linen]	980x645
1092	Universal Joint for 3" Dia Shaft (Wharekawa Shingle Co) WRB, HW Wilson 24/6/28 canc 12/10/28 [ink on linen]	980x670
1091	Overwinding Hook etc for Mining Cage (Mahakipawa Goldfields) WWM, WRB 21/7/28 [ink on linen]	980x640
1090	Details of 3'-8" x 3'-3½" Single Deck Mining Cage (Mahakipawa Goldfields) HWW, WRB 5/7/28 [ink on linen]	980x660

1089	Arrgt of 3'-8"×3'-3½" Single Deck Mining Cage (Mahakipawa Goldfields) HW Wilson 10/7/28 [ink on linen]	1015×685
1088	Dragline Bucket (Wharekawa Shingle Co) WRB 24/5/28 [ink on linen]	995×670
1087	Arrgt Brickwork for Boiler 9'-11"×4'-2" Dia 30 HP (Henderson Sweets 1928) [ink on linen]	910×625
1079	6000 Gallon Single Compartment Railway Tank Cars (Vacuum Oil, NZR) HW Wilson 14/3/28 [ink on linen—missing]	955×650
1079[2]	6000 Gallon Single Compartment Railway Tank Cars (Vacuum Oil, NZR) 14/3/28 [pencil on paper]	1015×680
1078	Dragline Bucket 1 Yard Capacity (Lands Department) R Buchan, HW Wilson 6/3/28 [ink on linen]	1005×680
1074	Winch Details (Watkins Bros) HWW, WRB 14/2/28 [ink on linen]	985×675
1073	Axle for Wilson Electric Truck (NZ Dairy Co Waitoa) HW Wilson 12/1/28 [ink on linen]	950×650
1070	Bevel & Spur Gears for Rotary Kilns (Wilson's Portland Cement) ND [ink on linen]	1025×725
1069*	Jensen Heater Details Hollow Shaft & Tail End Pieces (NZ Dairy Co) HW Wilson 12/28 [ink on linen]	960×625
1068	Multitubular Boiler 10'×4' 120 psi 23.5 HP, HW Wilson 13/1/28 [ink on linen]	930×660
1067*	Fireclay Bricks for Morgan Wright Tilting Furnace, WWM, WRB 3/2/28 [ink on linen]	905×645
1067[2]*	Fireclay Bricks for Morgan Wright Tilting Furnace, WWM, WRB 14/10/27 [ink on linen]	895×640
1066	Details of Norton 10 Ton Type N J & 15 Ton Type G Jack (NZR Newmarket) HWW, WRB 13/10/27 [ink on linen]	990×670
1065	GA of 10 & 15 Ton Norton Jacks, HWW, WRB 10/27 [ink on linen]	890×610
1064	Luggage Carrier for Studebaker Car (Corbett & Winder) WWM, WRB 6/10/27 [ink on linen]	890×635
1063	Special Post Hole Borer for Sandstone, WRB, HWW, 9/27 [ink on linen]	925×660
1061	Coal Belt Conveyor (NZ Dairy Co Auckland) WWM, HWW 30/8/27 [ink on linen]	1005×700
1060*	Friction Clutch Attachment for Silkeborg Churn (NZ Dairy Co Waharoa, Frankton, Te Awamutu 1927) [ink on linen]	795×635
1059*	Firebricks for 3'-0" Dia Cupola & 3'-6" Dia Receiver, WWM, WRB, 27/7/27 [ink on linen]	945×660
1058	Safety Valve for 120psi (National TC), RM 12/2/27 [ink on linen]	925×625
1057	Patent Wheel for Ford Car (Smith), WWM, WRB, 8/6/27 [ink on linen]	980×670
1056	Stopper Rod for Iron Shop, WRM, WRB, 1/6/27 [ink on linen]	990×670
1054*	3" Air Valve (Hume Pipe Co) WWM, WRB 17/5/27 [ink on linen]	940×665
1053	Type Cb Loco Frame Arrgt (Gibbs & Trevor, ACC) 6/5/27 [ink on linen]	1015×670
1052	6" & 8" Dia Sluice Valves (British Imperial Oil Co 1927) [ink on linen]	1000×640
1051A	10" Logging Block Type B, WWM, WRB 14/11/28 [ink on linen]	970×680
1051	10" Logging Block Type B (NZR 1927) [ink on linen]	980×685
1050	Penstock Gate (Helensville Town Board) checked HWW 5/5/27 [ink on linen]	980×660
1049A	Digester for 100psi (C Klaus Awakeri, passed by Inspector of Machinery 23/2/43) [ink & pencil on paper]	1010×655
1049C	Digester for 100psi (Tinewell & King) ND [ink on linen]	1010×660
1049	Digester for 100psi (Klaus Tatuanui) HW Wilson 5/4/27 [ink on linen]	1010×660
1048	Brake Band for Jig Wheel (New Waiwetū Quarries, Whatwhata Campbell Coal Co 1928–46) [ink on linen]	990×675
1048A	Jig Wheel Arrangement (Whatwhata Campbell Coal Co) WWM, WRB 24/7/28 [ink on linen]	945×580
1047	Cb Loco Smokebox Door & Frame (Gibbs & Trevor, ACC, Jack Bros, Coal Oil NZ) chk HWW 21/4/27 [ink on linen]	1010×665
1046	[Price] Works Plan Shewing Water Service, HW Wilson 7/2/27 [amendments to 1948] [ink on linen]	950×635
1045	Type E Loco Regulator Arrangement & Details (Midland SMC), HWW, WRB 8/4/27 [ink on linen]	995×670
1044	Type E Loco Regulator Details (Midland SMC), HWW, WRB 10/5/27 [ink on linen]	1010×640
1043	Type E Loco Crank Disc Shaft Etc (Midland SMC, Nat TC), HWW, WRB 23/8/27 [ink on linen]	1015×680
1042	Type E Loco Skew Bevel Wheel & Pinion (Midland SMC, Nat TC, TTT, Symes), WRB 14/5/27 [ink on linen]	995×680
1041	Type E Loco Drawgear (Midland SMC), chkd WM 14/2/27 [ink on linen]	955×670
1040	Type E Loco Roadwheel & Coupling Rod (Midland SMC, Syme), chkd HWW 27/10/26 [ink on linen]	1010×700
1043A	Type E Loco Crank Disc & Shaft (TTT, Nat TC ND) [pencil on paper – filthy, torn]	985×675
1041A	Type E Loco Drawgear (Selwyn TC), WWM ?/11/26 [Photostat]	765×690
1039A	Cb Loco Wheel Centre Axle & Distance Collars (Gibbs & Trevor, ACC, E&B 1926–37) [ink on linen]	995×620
1039	Cb Loco Distance Collars (Tunnel TC) HW Wilson 12/26 [ink on linen]	985×625

1039[2]	Cb Loco Axle, Wheel &c (Tunnel TC 1926–27) WRB ND [ink on linen]	925×660
1038	10" Logging Blocks (Original Type) 6/5/27 [ink on linen]	1020×650
1037	Auckland Branch Machine Shop Ceiling Arrangement, ND [ink on linen]	990×650
1036	Revolving Screens (Auckland Branch 1927) [ink on linen]	985×675
1035	Telephone Cabinet Mould (Auckland Branch), 24/1/27, checked WWM 3/2/27 [ink on linen]	970×710
1034	Type Ar Loco Brakework Details Alterations Castings Etc, RB, chk WWM 3/2/27 [ink on linen]	990×705
1033	Type Ar Loco Brakework Details Alterations (Marlborough TC 1926) [ink on linen]	990×670
1032*	Worm Reduction & Case 6 Start Worm & 35T Wheel ¾" Pitch (Glaxo &c) 18/1/27 [ink on linen]	980×690
1030*	Converter Bricks for Tuyeres Cement & Ganister, HWW 29/10/26 [ink on linen – torn]	1030×680

Drawings marked with * not scanned.

Drawer 4

5-1899–5-1154

All drawings scanned, except as noted

1252*	Hydraulic Milk Pump, Stainless Steel Head (NZ Dairy Co) HW Wilson 14/8/30 [pencil & ink on paper – torn, taped]	1000×665
1252[2]*	Hydraulic Milk Pump, Stainless Steel Head (NZ Dairy Co) HW Wilson 2/9/30 trcd WAP 14/2/41 [ink on linen]	990×665
1251*	Details of Hay Press (GH Bauke), 2/9/30 [pencil on paper – taped]	1010×690
765A	18"×12" Single Gate Deal Frame with Bottom & Side Feed Roller (Odlin, E&B, Gamman, etc) 1929 [ink on linen]	1020×680
5-1843	Friction Winch for Dragline, ND, FHB [pencil on paper]	1010×685
5-1864	Dutch Oven for 15-HP Boiler, ND [pencil on paper]	1005×675
5-1810	Dragline Excavator Carrier, Frame & Bogie Plates (Wharekawa Shingle Co) FRB 7/12/31 [pencil on paper]	1010×685
1264	NZ Rail Tractor Sprocket Wheels & Sprocket Wheel Housings, WWM 15/9/30 [pencil on paper – torn, chewed]	1015×705
5-1530	Planer Yoke & Spindle Matamata T&H Co, FRB, FH 19/1/31 [pencil on paper]	1030×700
5-1529	GA Yoke for Matamata T&H Co, WCF 13/1/31 [pencil on paper]	1010×685
5-1492	NZR Tractor [Muir-Hill copy] Brake Gear Assembly WWM, FH 11/12/30 [pencil on paper]	1015×685
5-1319	NZR Tractor [Muir-Hill copy] Gearbox (O No.W7420, 2 off) HWW 8/10/30 [pencil on paper – torn]	1000×690
5-1898*	Rotary Internal Combustion Engine, FHB, ND [copy tracing]	1035×700
5-1899*	Rotary Internal Combustion Engine, FHB, ND [copy tracing]	1050×700
5-1899[2]*	Rotary Internal Combustion Engine, FHB, ND [pencil on paper – torn]	1030×670
5-1898[2]*	Rotary Internal Combustion Engine, FHB, ND [pencil on paper – torn]	1025×695
5-1888	Shell Dryer, FHB 2/33 [pencil on paper]	1010×680
5-1882	Rotary Filter FHB ND [pencil on paper]	1025×685
5-1881	Arrgt for Driving Rear Wheels of Six Wheeler, FH Bell, ND [pencil on paper]	1010×685
5-1863	40 HP Boiler Brickwork (Matakana, Rodney & Maungaturoto Dairy) FHB ND [pencil on paper]	1010×680
5-1860	3 Cyl. 8×10 Diesel Engine, FHB, ND [pencil on paper]	1010×685
5-1817	Worm Reduction & Case 40T Wheel 2 Start ¾LP Worm (PWD Claudelands Crane) WWM 8/1/32 [pencil on paper]	1020×680
5-1710	Tip Truck 1 Ton (20in gauge, incomplete) FRB 24/4/31 [pencil on paper]	1020×685
5-1707	75 HP Boiler, FH Bell ND [pencil on paper]	1010×680
5-1675	Electric Driven Hoist or Winch 2 Ton, WWM 16/9/31 [pencil on paper]	1020×685
5-1653	Ngaruawahia Bridge Details of Floor Span 117 Spans (NZR 41486, Sht 7) WWM 6/3/31 [ink on linen]	1030×700
5-1652	Ngaruawahia Bridge 117ft Span (NZR 41486, Sht 6) WWM 6/3/31 [ink on linen]	1350×705
5-1651	Ngaruawahia Bridge 24ft & 38ft Approach Spans (NZR 41486, Sht 9) WWM 6/3/31 [ink on linen]	1055×675
1263	NZ Rail Tractor [Muir-Hill copy] Axlebox Details (O No.W7420), WWM, GJC, HWW 15/9/30 [pencil on paper]	1000×700
1262	NZ Rail Tractor [Muir-Hill copy] Road Wheel & Axle Details (O No.W7420), WWM 15/9/30 [pencil on paper]	1020×715
5-1261	NZ Rail Tractor [Muir-Hill copy] Underframe Arrangement & Details, HWW 14/10/30 [pencil on paper]	970×665
5-1254	NZ Rail Tractor [Muir-Hill copy] Gear Box Assembly, WWM 17/12/30 [pencil on paper – torn]	1020×675

1250	Multitubular Boiler 12'-5"× 5'-0" Dia (Hinuera Dairy Co, Alex Harvey), WWM, HWW, FHB, 17/6/30 [ink on linen]	1000×680
1249	Pipiroa Ferry Details of Clutch & Reverse Operating Gear (Hauraki Plains CC), WRB, 7/8/30 [ink on linen]	1000×675
1248	Pipiroa Ferry Arrangement of Clutch & Reverse Operating Gear (Hauraki Plains CC), WRB, 15/7/30 [ink on linen]	1000×675
1247	50HP Multi Boiler Arrgt Oil-Burner Attachment (PWD Samoa) HW Wilson, WRB, WW Marshall 17/5/30 [ink on linen]	1005×680
1246	500 & 60 Gallon Fuel Oil Tanks (PWD Wellington) WWM, WHC, 7/5/30 [ink on linen]	1005×680
1245	50HP Multi Boiler Smokebox Chimney &c (PWD Samoa), WRB, 30/5/30 [ink on linen]	1010×680
1244	50HP Multi Boiler Casing (PWD Wellington) HW Wilson, WHC, 1/5/30 [ink on linen]	1010×685
1243	50HP Multi Boiler Casing & Brickwork for Oil Firing (PWD Wellington) HW Wilson, WRB, 1/5/30 [ink on linen]	1000×660
1242*	Hydraulic Milk Pump Stainless Steel Barrel Valves & Seats (NZDC) HW Wilson, WRB 6/6/30 [ink on linen]	1000×680
1241*	Hydraulic Milk Pump Mild Steel Body (NZDC) WWM, WHC 16/4/30 [ink on linen]	1020×690
1240*	Details of Cheese Crate Machine Etc, NZDC, traced WRB, 4/9/28 [ink on linen]	1000×660
1239*	Details of Cheese Crate Machine, NZDC, traced WRB, 6/9/28 [ink on linen]	990×665
1238*	Details of Cheese Crate Machine, NZDC, traced WRB, 29/8/28 [ink on linen]	985×675
1237*	Cheese Crate Machine, NZDC, traced WRB, 23/8/28 [ink on linen]	1000×665
1236*	Electrical Steam Generator (JF Roberts) WWM, WRB 18/6/30 [ink on linen]	1000×680
1231*	Door, Door Frame & Front Plate for Baker's Oven (JF Roberts) WWM, WRB, 12/6/30 [ink on linen]	1005×685
1230*	CI Tee Piece & Hoppers for 250HP Producer (Waiomo Sulphide Co) WWM, WHC 5/4/30 [ink on linen]	1015×685
1229*	Orange Peel Grab Details of Ring Discharge (BV Rope) WRB 31/3/30 [ink on linen]	1015×685
1228*	Orange Peel Grab Details of Centre Casting Sheaves &c, WWM, WHC, 31/3/30 [ink on linen]	1015×685
1227*	Orange Peel Grab Arrangement (BV Rope) WWM, WRB 26/3/30 [ink on linen]	1015×690
1226*	Self-Locking Rope Hoist & Block (Burr Hoist copy for WM Chalmers) WWM, WHC, 24/2/30 [ink on linen]	1025×685
1225	Saw Husk Bottom Saw Guide (E&B) WWM, WRB, 18/3/30 [ink on linen]	1015×690
1224	Saw Husk Arrangement (E&B) WW Marshall, WRB, 14/2/30 [ink on linen]	1005×690
1223	Saw Husk Bedplate Stretchers &c (E&B) WWM, WRB, 12/3/30 [ink on linen]	1000×680
1222	Saw Husk Shafting &c (E&B) WWM, WRB, 28/2/30 [ink on linen]	1000×680
1221	Saw Husk Yoke, Jockey Frame &c (E&B) WWM, WRB, 26/2/30 [ink on linen]	1000×680
1220	Saw Husk Side Cheeks &c (E&B) WWM, WRB, 21/2/30 [ink on linen]	1000×680
1219	Type Cb Boiler Arrgt & Details of Carriage (Coal Oil NZ Ltd) HW Wilson, HC, 11/10/29 [ink on linen]	985×675
5-1218-1	Ngaruawahia Bridge Erection Dia 117' Span, WWM 25/9/30 [pencil on paper – torn & taped]	1000×695
5-1218-2	Ngaruawahia Bridge Erection Dia Rail Beams &c, WWM 26/9/30 [pencil on paper – torn & taped]	1000×655
1217-1	Whenuakura Bridge Erection Dia 142' Span, WRB 1/8/30 [ink on linen]	1000×710
1217-2	Whenuakura Bridge Erection Dia Sway & Rail Beam Bracings, HW Wilson, WRB 5/8/30 [ink on linen]	1000×680
1216	Ngaruawahia Bridge Cast Steel Shoes (Fixed) for 117ft Span (NZR 41486-8), WWM, WHC, 12/3/30 [ink on linen]	1025×690
1215	Ngaruawahia Bridge Cast Steel Shoes (Moving) for 117ft Span (NZR 41486-8), WWM, WHC, 12/3/30 [ink on linen]	1020×690
1214	Whenuakura Bridge Cast Steel Shoes for 60ft Span (NZR 41664-8), WWM, WHC, 12/3/30 [ink on linen]	1020×690
1213	Whenuakura Bridge Cast Steel Shoes for 142ft Span, WWM, WHC, 18/2/30 [ink on linen]	980×665
1212	2'-5" Internal Dia Revolving Screen Details (Otorohanga Gravel Co), HW Wilson, WHC, 29/4/30 [ink on linen]	1020×685
1211-2	Friction Clutch to Transmit 70 HP 150 RPM (PWD Whangarei) WHC, HW Wilson, 26/11/29 [ink on linen]	1000×705
1211-1	Friction Clutch to Transmit 70 HP 150 RPM (PWD Whangarei) WHC, HW Wilson, 26/11/29 [ink on linen]	1010×715
1210	2'-5" Internal Dia Revolving Screen (Otorohanga Gravel Co), HWW, WHC, 3/30 [ink on linen]	1015×685
1209	10" Dia Double Logging Block ([skyline] Murimotu SMC, Army, Waitomo CC), WHC, HWW 26/11/29 [ink on linen]	1000×675
1208	10" Dia Triple Logging Block (Murimotu SMC, Burnham & Ngaruawahia Camps), WWM, WHC 28/2/28 [ink on linen]	1020×690
1207	Details of "Price" Log Hauling Gear ([skyline] Murimotu SMC) WWM & HWW, WRB 17/1/30 [ink on linen]	1005×670
1205	6"×10" Single Purchase Steam Winch Brake Band &c (Wang R & Gravel Co) HW Wilson, HC 22/10/30 [ink on linen]	990×680
1204	6"×10" Single Purchase Steam Winch Forgings (Wang R & Gravel Co) HW Wilson, HC 21/10/29 [ink on linen]	1020×695
1203	6"×10" Single Purchase Steam Winch Castings (Wang R & Gravel Co) HW Wilson, HC 24/9/29 [ink on linen]	1010×700

1202	6"×10" Single Purchase Steam Winch Side Cheeks (Wang R & Gravel Co) HW Wilson, HC 5/9/29 [ink on linen]	1010×710
1201	6"×10" Single Purchase Steam Winch Cylinder (Wang R & Gravel Co) HW Wilson, HC 29/8/29 [ink on linen]	975×685
1200	6"×10" Single Purchase Steam Winch Arrgt (Wang R & Gravel Co) HC chd HWW 1/30 [ink on linen]	990×705
1199	Air Receivers 100psi, WRB, chd HW Wilson 10/6/30 [ink on linen]	1000×680
1198*	Electrical Steam Generator 35psi (JF Roberts) WWM, WHC 2/6/30 [ink on linen]	1005×685
1197	Loco Type Boiler 160psi (see other drg same No.) HW Wilson, WR Buchan 16/12/29 [ink on linen]	1025×680
1197[2]	Loco Type Boiler 160psi (PWD Wellington) HW Wilson 6/2/30 [ink on linen]	1020×665
1196	Loco Type Boiler 160psi Smokebox (PWD Wellington) HW Wilson, WR Buchan 4/7/30 [ink on linen]	1005×675
1195	Loco Type Boiler 160psi Ash Pit (PWD Wellington) HW Wilson, WR Buchan 27/6/30 [ink on linen]	1005×675
1194	Loco Type Boiler 160psi Firedoor (PWD Wellington) WWM, WRB 27/5/30 [ink on linen]	1010×680
1193	8" Dia Logging Block Type B (E&B Ongarue, Murimotu SMC, J Edmond) WWM, WRB 27/8/29 [ink on linen]	1015×670
1186	Whakatane Harrow Intermediate & Light Types (AC Sutherland) WRB chd HW Wilson 23/6/30 [ink on linen]	1000×670
1185	Whakatane Swamp Harrow Single Pointer & Swingletree (AC Sutherland) WRB 21/8/29 [ink on linen]	1015×675
1184	Whakatane Harrow Light Type With Adjustable Tines (AC Sutherland) WRB 24/6/30 [ink on linen]	995×675
1183	Whakatane Harrows Special Tines & Adjustable Points (A Sutherland) HW Wilson, WRB 3/2/30 [ink on linen]	1020×675
1182	Price Overhead Log Hauling System ([skyline] Murimotu SMC) WWM 8/8/29 [ink on linen]	1015×685
1181	Dog Clutch & Operating Gear (Kaikohe Development Ltd) WWM, WHC 12/3/30 [ink on linen]	1010×685
1180	CI Drum for Dragline Dredge (PWD) WWM, WHC 19/2/30 [ink on linen]	1020×690
1179	8½" Return Tail Rope Block (Waimiha Sawmills) WRB, WWM 22/8/29 [ink on linen]	1000×665
1178	Illustration Sheet of Medium & Single Purchase Jack Spears WWM 1/8/29 [ink on linen]	1015×700
1177	Illustration Sheet of Bush Pattern Jack Spears (PWD Addington) WWM 25/6/29 [ink on linen]	1000×690
1176	Illustration Sheet of Bush Pattern Jack Spears, WWM 25/6/29 [ink on linen]	1005×680
1175	TTT Pattern Twitch Bar (Quirk, Taranaki EPB, Rotoiti TC, SFS, Smythe B&B, etc) WWM, WHC, 25/7/29 [ink on linen]	1020×685
1175[2]*	Twitch Bar ND [Mirror-image photostat (part)]	760×430
1174	12" Logging Block Type B (WH Price Chch, Edmond) WWM, WRB 14/8/29 [ink on linen]	1015×690
1172*	Ferry Steamer Albatross Thrust Block with Bearing for 6½" Dia Shaft, HW Wilson, WR Buchan 4/12/29 [ink on linen]	1010×685
1171*	Ferry Steamer Albatross Crank & Thrust Shafts (Devonport Ferry Co), HW Wilson, WRB 15/6/29 [ink on linen]	995×695
1170	Auckland Vehicular Ferry Landing Main Winch Shafting, WWM/HWW, WRB, 21/11/29 [ink on linen]	1015×680
1169	Auckland Vehicular Ferry Landing Pawl & Ratchet, Band Brake Etc, WRB, HW Wilson 28/11/29 [ink on linen]	1005×685
1168	Auckland Vehicular Ferry Landing Solenoid-operated Band Brake, HW Wilson, WRB 14/10/29 [ink on linen]	1000×680
1167A	Auckland Vehicular Ferry Landing 6" Pedestal Bearing & Sole-Plate, HW Wilson, WRB 14/10/29 [ink on linen]	1015×680
1167	Auckland Vehicular Ferry Landing 6" Pedestal Bearing & Sole-Plate Cancelled), WRB 16/7/29 [ink on linen]	985×680
1166	Auckland Vehicular Ferry Landing Winch Foundation Frame, WWM, WRB 4/9/29 [ink on linen]	1015×675
1165	Auckland Vehicular Ferry Landing Winch Gearing & Wire Rope Drum, HW Wilson, WRB 10/9/29 [ink on linen]	1000×675
1164	Auckland Vehicular Ferry Landing Main Winch Arrangement, WWM, WRB, HW Wilson 30/9/29 [ink on linen]	1000×680
1163	Auckland Vehicular Ferry Landing Main Winch Gear Cases, WWM, WRB, HW Wilson 12/12/29 [ink on linen]	1000×655
1162	3" Dia Pop Safety Valve for Multitubular Boiler (TTT Co) WRB 4/6/29 [ink on linen]	960×685
1161	Illustration Sheet of Crankshafts Made by A&G Price Ltd, WWM 29/5/29 [ink on linen]	985×675
1160	Illustration Sheet of Crankshafts Made by A&G Price Ltd, WWM 24/5/29 [ink on linen]	975×685
1159	Saw Spindle for Breast Bench Sheet 8 (TTT Co.) WWM, WRB, HWW, 17/12/29 [ink on linen]	985×675
1158	Saw Husk Side Cheeks Left Hand Carriage Etc Sheet 7 (TTT Co.) WWM, WRB, HWW, 6/8/29 [ink on linen]	1010×695
1157	Saw Husk Bedplate Etc Sheet 6 (TTT Co.) WRB 1/8/29 [ink on linen]	1005×680
1156	General Arrangement Stearns Saw Husk (TTT Co.) WWM, WRB, HWW, 12/8/29 [ink on linen]	1010×675
1155	Breast Bench Fast & Loose Pulleys for 2½" Saw Spindle Sheet 4 (TTT Co.) WWM, WRB, HWW, 31/8/29 [ink on linen]	985×670
1154	Saw Husk Fast & Loose Pulleys for 3½" Bottom Saw Spindle Sht 3 (TTT Co.) WWM, WRB, HWW, 30/8/29 [ink on linen]	1000×680

Drawings marked with * not scanned.

Drawer 3

5-2497-5-1906

All drawings scanned, except as noted

5-2497*	[Traveller for Gantry Crane] ND [pencil on paper – damaged, Sellotaped]	1030×625
5-2496	[Arrgt Gantry Crane] ND [pencil on paper – damaged, Sellotaped]	1005×575
5-2494*	Butter Unloader for Use with Hoist ND [pencil on paper – damaged, Sellotaped]	845×700
5-2473*	Vacu-Churn Front Cover, FHB, WAP, ND [ink on linen]	945×710
5-2469	Power Grader Preliminary Drawing, ND [pencil on paper – damaged, Sellotaped]	865×640
5-2454*	1936 Model Churn Gear Box, FHB, WAP, 15/12/41 [ink on linen – crumpled]	990×710
5-2454[2*	1936 Model Churn Gear Box, ND [pencil on paper – torn & sellotaped]	1000×670
5-2390*	Digester, FHB, GJC, ND [ink on linen]	1030×695
5-2289	Type E Loco Regulator Altered Design (Wilson Loco Boiler) FHB, PJC, ND [pencil on paper]	995×550
4-2382	Double Gate Deal Frame to take flitches up to 9¼ & 5¼×18", ND [pencil on paper – torn & sellotaped]	665×760
5-2378	15" Type B Logging Block (Taringamotu, Judd, TTT), FRB, GC, 1/11/35 [ink on linen]	1005×685
5-2377	Type Ea Loco Boiler (Ogilvie [V?]), FHB, WAP 8/1/42 [ink on linen]	1020×680
5-2376	Shaker Screen for Shell Lime, FHB, ND [pencil on paper]	1010×680
5-2364*	192 Tray Sterilizer Foundation Plan, FHB, ND [pencil on paper]	1010×680
5-2354*	Transformer Oil Filter, FHB, ND [pencil on paper]	1010×680
5-2350*	26" Peebles (milk) Heater, traced GC, see new design same No., ND [pencil on paper]	1010×680
5-2350[2*	26" Peebles Heater, FHB, ND [pencil on paper]	1010×680
5-2346*	16'×6' Boiler 3½ Tubes, FHB, ND [pencil on paper – torn & sellotaped]	1010×680
5-2345	16'-0"×6'-0" Boiler, 4" Tubes, ¾ Ends (E&B, etc), FHB, GC, ND [ink on linen]	1020×685
5-2344	Layout for 75HP Boiler with Dutch Oven, FHB, ND [pencil on paper – sellotaped]	1030×700
5-2307*	Butter Packer Frame, FHB, GC, WWM, ND [ink on linen]	1020×680
5-2301*	192 Tray Sterilizer Layout, FHB, WAM, ND [ink on linen]	1020×685
5-2300*	Proposed Can Washer, FHB, ND [pencil on paper – sellotaped]	1010×680
5-2297*	Butter Packer Pulley & Friction Clutch, FHB, ND [pencil on paper]	1015×685
5-2296*	Butter Packer Gear Case, FHB, ND [pencil on paper – sellotaped]	1030×690
5-2264	Pig Weigher Layout, FHB, ND [pencil on paper]	1010×680
5-2257	Seam Rolling Machine for Down Pipes, FHB, ND [Blue Print]	1010×695
5-2192*	Vacu Churn Front End, FHB, ND [pencil on paper]	1005×675
5-2191*	Vacu Churn Back End, FHB, ND [pencil on paper]	1010×680
5-2190*	Vacu Churn Assembly, ND [pencil on paper – sellotaped]	1005×675
5-2185	(Firebox, Manning Wardle Engine No.1753 [Waihi GMC "Dominion"), ND [pencil on paper – sellotaped]	880×670
5-2176	4" Centrifugal Pump Half Body Inlet Side, traced WB, ND [pencil on paper – part missing]	1010×680
5-2175	4" Centrifugal Pump Half Body Shaft Side, traced WB, ND [pencil on paper]	1010×680
5-2171	Patent Harrow (Mr Porath), ND [pencil on paper]	1010×680
5-2167	10×16×18 Steam Pump Water Cylinder, FHB, GC ND [pencil on paper]	1020×680
5-2164	10×16×18 Steam Pump Valve Chest, FHB, GC ND [pencil on paper]	1025×685
5-2152	10×16×18 Steam Pump Cylinder & Distance Pieces, FHB, GC ND [pencil on paper]	1020×680
5-2151	10×16×18 Steam Pump Cylinder, FHB, GC ND [pencil on paper]	1020×680
5-2150	10×16×18 Worthington Steam Pump Arrgt, WWM, GJC, ND [ink on linen]	1040×680
5-2144	10'-0" Drag Harrow (Fertility Harrow), FHB, JGT, ND [photostat]	1015×695
5-2142	Layout for Two 75 HP Boilers with Dutch Ovens, FHB, ND [pencil on paper]	1010×675
5-2141	75 HP Boiler Smoke Box, FHB, ND [pencil on paper]	1010×680

5-2127	24'x3'-5" Shell Drier (Kopu Lime Co), FHB, ND [pencil on paper]	1010x680
5-2127[2	24ft Shell Drier, FHB, ND [pencil on paper]	1010x680
5-2100*	Butter Churn Unloader, FHB, ND [pencil on paper]	1010x680
5-2100[2*	Butter Churn Unloader, FHB, ND [pencil on paper]	1010x680
5-2001*	Butter Churn Gear Box, ND [pencil on paper]	1010x680
5-2001[2*	Butter Churn Gear Box (supersedes same drg No.), FHB, GC, ND [pencil on paper–sellotaped, part missing]	1010x680
5-2000*	65 Box Butter Churn, FHB, ND [pencil on paper]	1010x680
5-2000[2*	65 Box Butter Churn, FHB, ND [pencil on paper]	1010x680
3-1996	40 HP Multitubular Boiler Smoke Box, FHB, ND, [pencil on paper]	605x380
5-1995	40 HP Multitubular Boiler (Matakauoi Dairy), ND [pencil on paper]	1010x680
3-1997	Safety Valves for 40 HP Boilers, FHB, ND [pencil on paper]	605x380
5-1992	Johnstone Loco Conversion Wear [sic, sb Weir] & Kenny (details see 1127), FHB, ND [pencil on paper]	1270x675
5-1981	Pulveriser Lower Case (Grinter, Miranda, Hauraki Con, Kopu Lime) FHB, NVU ND [ink on linen]	1015x685
5-1980	Hauraki Pulveriser 24"x9, FHB, GC, ND [ink on linen]	1015x685
5-1972*	Hauraki Lime Weigher, FHB, ND [pencil on paper]	1010x680
5-1972A*	[Hauraki Lime Weigher], ND [pencil on paper]	1010x680
5-1964*	Chain Drive for Six Wheel Vehicles, FHB, ND [pencil on paper]	1010x680
5-1942*	Pipiroa Ferry Fair Lead, FHB, ND [pencil on paper]	1010x680
5-1941*	Pipiroa Ferry Hauling Gear, FHB, ND [pencil on paper]	1010x680
5-1940*	Air Heater, FHB, ND [pencil on paper]	1010x680
5-1926*	Manure Distributer Frame, FHB, ND [pencil on paper]	1010x680
5-1921*	Manure Distributer Blower, FHB, ND [pencil on paper]	1010x680
5-1920*	Manure Distributer Blower Type Assembly, FHB, ND [pencil on paper]	1245x730
5-1911*	Manure Distributer, FHB, ND [pencil on paper]	1010x680
5-1907*	Rotary Internal Combustion Engine Top Casing, FHB, ND [pencil on paper]	1010x680
5-1906*	Rotary Internal Combustion Engine Bottom Casing, FHB, ND [pencil on paper]	1010x680

Drawings marked with * not scanned.

Drawer 2

5-2515–5-3287

All drawings scanned, except as noted

5-3287	15 Ton Simplex Jack, WWM & GSC, ND [ink on linen]	1035x690
5-3285	Timber Truck [E&B log bogie?], FHB, ND [pencil on paper – sellotaped]	980x690
5-3238	8whl Diesel Loco Section Through Gear Box Showing 2nd & 3rd Shaft, WWM, FHB, ND [pencil on paper – taped]	990x690
5-3283*	Frothless Milk Churn, FHB, ND [pencil on paper – sellotaped]	1020x710
5-3234	8whl Diesel Loco Pipe Arrgt, FHB, ND [pencil on paper – taped]	990x710
5-3231	8whl Diesel Loco Control Rods Etc, FHB, ND [pencil on paper – taped]	1005x700
5-3230	8whl Diesel Loco Axles (Wanganui S&D, Ogilvies), WWM trcd 14/4/39 [pencil on paper – taped]	955x640
5-3220	8whl Diesel Loco Bevel Gear Pinion & Centre (Wanganui S&D, Ogilvies) FHB, RDB, ND [ink on linen]	990x700
5-3218	8whl Diesel Loco Cab, FHB, ND [pencil on paper]	990x690
5-3217	8whl Diesel Loco Front End Arrgt, ND [pencil on paper – taped]	1270x685
5-3208	8whl Diesel Loco Sand Boxes, FHB, ND [pencil on paper]	990x685
5-3190	8whl Diesel Loco Foot Plate, FHB, ND [pencil on paper]	1020x670
5-3189	8whl Diesel Loco Frame, FHB, ND [pencil on paper]	1015x685
5-3188	8whl Diesel Loco Gear Box Case, FHB, ND [pencil on paper]	985x710
5-3175	8whl Diesel Loco Bevel Gear Case (Wanganui S&D, Ogilvies), FHB, NVU, ND [ink on linen]	1015x695

5-3171	Two Drum Winch Main Frame, WWM 16/2/39 [pencil on paper]	945×630
5-3165	Miranda Lime Co Winch Clutch Arrgt, FHB ND [pencil on paper]	980×670
5-3164	Miranda Lime Works 2 Drum Winch, WWM 1/2/39 [pencil on paper]	1025×615
5-3161	Steam Bench Engine Foundation Plan (G Gardner & Sons) WWM, WAP 24/1/39 [ink on linen]	985×640
5-3160A	100 HP Multitubular Boiler, FHB, GJC, ND [ink on linen]	1000×685
5-3149	Miranda Lime Co 16" Return Rope Block, WWM, ND [pencil on paper]	935×610
5-3137	18'-6"×36" Revolving Screen, FHB, ND [pencil on paper]	1000×710
5-3136	Preliminary Sketch 44 Seat Rail Car [Egmont Box Co], ND [pencil on paper]	1005×700
5-3133	Thames Head Office & Works of A&G Price Makers of Churns [map NI showing dairy factories] [pencil on paper]	700×965
5-3131A	Diesel Log Hauler Layout, FHB, NVU, ND [ink on linen]	995×710
5-3130	25'-6"×36" Revolving Screen PWD Tauranga (not made) FHB, ND [pencil on paper – torn & taped]	1025×710
5-3119	Electric Driven 50 HP Single Drum Winch, FHB, ND [pencil on paper]	965×700
5-3119[2	Electric Driven 50 HP Single Drum Winch, traced JWW (copy only of original), 4/8/54 [pencil on paper]	870×715
5-3118	14 HP Boiler (passed 21/10/38), FHB, WAP, ND [ink on linen]	985×685
5-3115	20 HP Pile Driving Winch Main Frame, WWM, ND [pencil on paper]	995×655
5-3114	20 HP Pile Driving Winch Frame, FHB, ND [pencil on paper]	960×685
5-3111	Front Axle Details Etc Auckland Branch Grader, WWM, ND [pencil on paper]	1010×680
5-3118[2	14 HP Boiler (Donaghy's Rope & Twine), WWM traced 13/3/41 [pencil on paper]	995×685
5-3109	Scarifier Details Etc Auckland Branch Grader, ND [pencil on paper]	1015×680
5-3108	Grader Moldboard Details Auckland Branch, WWM, ND [pencil on paper]	1015×680
5-3107	Grader Arrangement Auckland Branch, WWM traced 15/6/39 [pencil on paper]	1005×675
5-3100	23 HP Diesel Locomotive Mines Type (preliminary plan, subject to alteration), FHB, ND [pencil on paper]	1000×690
5-3092	6 HP Semi-Portable Boiler Layout (Dairy Co, Rotorua Bor Council, S Oldfield, etc) FHB, WAM 10/10/41 [ink on linen]	990×690
5-3091	25 HP Electric Driven Drag Scraper Winch, FHB, ND [pencil on paper]	865×695
5-3086	46 HP Diesel Locomotive (preliminary plan, subject to alteration), FHB, ND [pencil on paper]	850×665
5-3082	2 Ton 20 HP Pile Driving Winch, WWM, ND [pencil on paper]	985×705
5-3074*	192 Tray Sterilizer Revolving Part, FHB, ND [pencil on paper]	985×695
5-3063	60 HP Diesel (O/Nos R4315 & R6385) Locomotive Method of Mounting Engine, FHB, ND [pencil on paper]	980×695
5-3062	60 HP Diesel (O/Nos R4315 & R6385) Locomotive Reduction Gear Assembly, ND [pencil on paper]	1000×665
5-3060	60 HP Diesel (O/No R4315) Locomotive Frame, FHB, ND [pencil on paper]	995×685
5-3039*	14 HP Boiler Setting (Tairua Co-op Dairy Co), WWM, GJC, ND [ink on linen]	930×630
5-3036	Saw Bench Details, FHB, ND [pencil on paper]	1000×700
5-3018*	90 HP Boiler Setting for use with Mechanical Stoker, WWM, ND [pencil on paper]	1020×685
5-3005	Frame 60 HP Pile Driving Winch, FHB, ND [pencil on paper]	1025×655
5-3004	Goose Saw (Whakatane Paper Mills), FHB, WWM, ND [pencil on paper]	1030×665
5-3004[2	Goose Saw (Whakatane Paper Mills), FHB, WWM, ND [film copy]	1035×660
5-3002	60 HP Diesel Loco GA (NZR – R6385), FHB, ND [ink on linen]	955×670
5-3002[2	60 HP Diesel Loco (Whakatane Paper Mills Order R4315), ND [pencil on paper]	940×670
5-3000*	90 HP Multitubular Boiler (Te Aroha Dairy Co), WWM, ND [pencil on paper]	970×675
5-2997*	100 Box Churn Roller Arrangement (1938 Model), ND [pencil on paper]	1000×675
5-2991*	100 Box Butter Churn Front End Construction, ND [pencil on paper]	970×695
5-2991[2*	100 Box Butter Churn Front End Construction, WWM, ND [pencil on paper]	980×660
5-2990*	1938 Vacu & 100 Box Churn Unloader Arrangement, FHB, GC, ND [ink on linen]	1045×725
5-2987	50 HP Multitubular Boiler Brickwork Arrgt (Ruawai Dairy Co, Alex Harvey) WWM, GC, ND [ink on linen]	940×640
5-2984	2¼ Ton Travelling Crane (preliminary plan) FHB, ND [pencil on paper]	1000 ×680
5-2969	Loco Boiler No.1753 (Martha GM Co "Dominion") FHB, NVU, ND [ink on linen]	1010×700

5-2975*	50 HP Boiler (Ruawai Dairy Co) FHB, GC, ND [ink on linen]	1000×670
5-2940	End Tipping Truck 6'-0"×3'-6" (Hauraki Plains CC, 2ft gauge, January 1938) WWM, GC [ink on linen – badly foxed]	980×690
5-2940[2	End Tipping Truck 6'-0"×3'-6" (Hauraki Plains CC, 2ft gauge, January 1938) WWM, trcd 9/2/38 [pencil on paper]	970×675
5-2945	60 HP Pile Driving Winch 4 Ton, FHB, GJC, ND [ink on linen]	995×715
5-2935*	Hollow Shaft & Bushes for Size "S" Gyrotory (Smeed's Quarries), trcd GC, ND [pencil on paper – torn]	1020×705
5-2934*	Lifting Beams for Wire Slings, FHB, ND [pencil on paper – torn, sellotaped]	985×690
5-2933	Barking Drum (Whakatane Paper Mills), FHB, GJC, ND [ink on linen]	1210×740
5-2920	Locomotive (127 HP Diesel Wanganui S&D [as proposed?]) FHB, JGT, ND [ink on linen]	925×575
5-2920[2	(8 Wheel Diesel Locomotive, not finished see tracing same number) ND [pencil on paper – torn & taped]	1020×670
5-2920[3	Locomotive (127 HP Diesel Wanganui S&D [proposed]) FHB, JGT, ND [reversed photostat of linen tracing]	925×580
5-2915*	1938 Vacu & 100 Box Unloader Frame, ND [pencil on paper – torn]	965×680
5-2910*	65 Box Vacuum Churn Assembly, WWM, ND [pencil on paper – torn]	1010×680
5-2888*	14.7 HP Boiler (? Hospital Board, Raetihi) WWM, ND [pencil on paper – torn, sellotaped]	1010×710
5-2888[2*	14.7 HP Boiler (Whanganui Hospital Board, passed 8/11/45) FHB, WWM, ND [pencil on paper – torn]	1010×705
5-2888[3*	14.7 HP Boiler (Whangarei Eng Co, Thames Hospital Board, Takapuna Dairy Co) FHB, WAP 14/1/42 [ink on linen]	1015×710
5-2887	24" Type "B" Logging Block, GJC, WWM, ND [pencil on paper – torn, sellotaped]	1010×715
5-2881	Trunnion Wheel Arrgt (Ball Mill, Miranda Shell Lime Products) FHB, WAP, 16/2/42 [ink on linen]	1015×705
5-2880	6'×24" Ball Mill Barrel (Miranda Shell Lime) FHB, NVU, ND [ink on linen – bad foxing]	1015×715
5-2872*	(Right Hand Motor Driven) Butter Packer, WWM, GC, ND [ink on linen – bad foxing]	1035×695
5-2871	12×8 Stone Crusher (AE Richards, Taumarunui, Pio Pio Lime Co) FHB, GC, ND [pencil on paper]	915×630
5-2852	16" Lead Block, FHB, ND [pencil on paper – crumpled]	925×675
5-2847	2 Ton Winch [preliminary] FHB, ND [pencil on paper – crumpled]	700×810
5-2846	5HP Diesel Engine 15 cwt Winch, trcd GC, chkd WWM, ND [ink on linen – crumpled, bad foxing]	825×725
5-2834	18" Type "B" Logging Block (Max Rope Size 1¼") GJC, WAP 17/2/42 [ink on linen]	1005×675
5-2824	Drag Scraper Winch Main Frame [PWD?] WWM, ND [pencil on paper – torn, sellotaped]	1030×655
5-2816	Dragline Bucket (PWD ADO 13746, ¾ cu yd capy, 8/6/37) WWM, [pencil on paper – torn, sellotaped]	955×690
5-2813	4" Stop Valve (E&B, Whanganui S&D, Hokianga Dairy, etc 1937–45) WWM, GJC [ink on linen – bad foxing]	1015×690
5-2811	Drag Scraper Winch, FHB, HFG, ND [pencil on paper – torn, sellotaped]	870×690
5-2811[2	Drag Scraper Winch, FHB, WWM, ND [pencil on paper – torn, sellotaped]	870×690
5-2806*	Smokebox for 45 HP Multitubular Boiler (Alex Harvey 1937) WWM [pencil on paper – torn, sellotaped]	985×660
5-2805*	Smokebox for 76 HP Multitubular Boiler, WWM, ND [pencil on paper – torn, sellotaped]	1020×670
5-2802*	45 HP Boiler Setting for Mechanical Stoker (Alex Harvey), FHB, ND [pencil on paper – torn, sellotaped]	1015×710
5-2787	Cross Cut Saw Motor Driven (Rotoiti TC, NFSM, Ellis Veneer, Roose, S Coal, Ogilvie 1937-51) WWM [ink on linen]	960×640
4-2783	Alts to Crankshaft 18"×12" Single Gate Deal Frame (Rotoiti TC, Symes, NZFP, Fletcher), WWM, ND [pencil on paper]	760×605
5-2751*	100 Box Butter Churn Back End Construction (1937 Model), WWM, ND [pencil on paper – torn, sellotaped]	1030×685
5-2750*	100 Box Butter Churn Front End Construction (1937 Model), WWM, ND [pencil on paper – torn, sellotaped]	985×665
5-2729*	100 Box Butter Churn Clutch Body (1937 Model), WWM, ND [pencil on paper – torn, sellotaped]	1010×685
5-2722*	100 Box Butter Churn Gearbox Base (1937 Model), FHB, ND [pencil on paper – torn, sellotaped]	965×670
5-2721*	100 Box Butter Churn Gearbox Frame (1937 Model), FHB, ND [pencil on paper – torn, sellotaped]	1000×690
5-2720*	100 Box Butter Churn Brake Drum (1937 Model), WWM, ND [pencil on paper – torn, sellotaped]	1010×685
5-2719*	100 Box Butter Churn Gearbox & Cover (1937 Model, Waiuku Only), WWM, FHB, ND [Blueprint – faded & very dirty]	1015×670
5-2719[2*	100 Box Butter Churn Gearbox & Cover (1937 Model), WWM, FHB, ND [pencil on paper – torn, sellotaped]	1030×685
5-2700*	100 Box Butter Churn 1937 Model GA, ND [pencil on paper – torn, crumpled, sellotaped]	1025×69
5-2699*	100 Box Butter Churn Gearbox Arrgt (1937 Model), WWM, ND [ink on linen]	1245×705
5-2699*	100 Box Butter Churn Gearbox Arrgt (1937 Model), WWM, ND [Blueprint – faded, torn & dirty]	1245×700
5-2691*	100 Box Butter Churn Unloader Frame (1937 Model), FHB, ND [pencil on paper – torn, sellotaped]	985×690

5-2690*	100 Box Butter Churn Unloader Arrgt (1937 Model), WWM, GC, ND [ink on linen]	1030×700
5-2684	Setting for 76 HP Boiler drg 5-2345 (NZ Breweries), ND [pencil on paper – torn, sellotaped]	1010×630
5-2681	Tractor Crankcase Guard [for grader?], WWM, ND [pencil on paper]	1005×690
5-2668*	Churn Conversion to Motor Drive, Morrinsville Dairy, ND [pencil on paper]	890×600
5-2650	Pile Driving Winch Engine & Clutch Arrgt, FHB, ND [pencil on paper – torn, crumpled, sellotaped]	975×710
5-2638	Pile Driving Winch Main Frame, FHB, ND [pencil on paper – torn, crumpled, sellotaped]	945×690
5-2630	Pile Driving Winch 30 HP Diesel Engine, FHB, GJC, ND [pencil on paper – torn, crumpled, sellotaped]	995×710
5-2622	E Loco Main Frames (26ft long 17ft 8in bogie centres [TTT?]), ND [pencil on paper – torn, Silver fished, sellotaped]	1020×660
5-2600	Portable Stone Crusher, FHB, JGT, ND [pencil on paper]	1010×700
5-2594*	Power Controlled Planer Frame (Allis Chalmers Only) [but refs to Fordson Perkins] FHB, ND [pencil on paper]	980×655
5-2586	Diesel Grader Cab Ironwork, ND [pencil on paper]	1010×690
5-2583	Diesel Grader Cab, FHB, ND [pencil on paper, crumpled, sellotaped]	1020×700
5-2577	Diesel Grader Main Frame, FHB, ND [pencil on paper, crumpled, sellotaped]	960×670
5-2575*	Butter Packer Top Half Case With Large Hopper, FHB, ND [pencil on paper, crumpled, sellotaped]	945×685
5-2556*	“Vacu” Churn Arrangement Back End, FHB, ND [pencil on paper – torn, crumpled, sellotaped]	980×730
5-2553	Arrangement of Brickwork for 14×5 Boiler, FHB trcd GSC, ND [ink on linen]	945×585
5-2541*	Butter Unloader Frame (supersedes 4-2227), FHB, ND [pencil on paper – torn, sellotaped]	940×695
5-2538	Locomotive Boiler (180psi, job No. T9317 [proposed 2nd Cba boiler?]), FHB, ND [pencil on paper – torn, sellotaped]	950×575
5-2522*	75 HP Boiler Setting For Use With Mechanical Stoker, FHB, ND [blueprint]	1030×700
5-2522[2*	75 HP Boiler Setting For Use With Mechanical Stoker (Te Awamutu), FHB, ND [pencil on paper – torn, sellotaped]	1035×700
5-2515*	65 Box Churn 1936 Model, ND [ink on linen – bad foxing]	965×695

Drawings marked with * not scanned.

Drawer 1

5-3288–5-4550

All drawings scanned, except as noted

5-4550	Stock Chest Gear (Whakatane Paper Mills) FHB, trcd WAP 25/2/42 [ink on linen – badly foxed]	980×675
5-4505*	Naval Base Lift Safety Gear & Guide Shoes, FHB, trcd WAP 24/2/42 [ink on linen – badly foxed]	955×690
5-4504*	96Ft Per Min 5HP Single Sleeve Lift drive Devonport Naval Base, FHB [pencil on paper]	1000×700
5-4419*	“Castle” Mine Sweepers H.P. Cylinder (from MD29), WWM, trcd WAM, ND [ink on linen – badly foxed]	1010×670
5-4418*	“Castle” Trawlers M.P. Cylinder (from MD29), WAP, 29/8/41 [ink on linen – badly foxed]	1035×710
5-4417*	“Castle” Mine Sweepers L.P. Cylinder (from MD29), WWM, trcd WAM, 3/9/41 [ink on linen – badly foxed]	1030×670
4-4335	Top Geared Deal Frame Gate Guides Etc (Perham Larsen & C, Pokaka TC) WWM 30/6/41 [pencil on paper]	745×600
5-4362*	30 HP Three Speed Reduction Gear (Preliminary Plan) FHB, ND [pencil on paper]	1000×705
5-4353	Endless Rope Hauler (Preliminary Plan) FHB, ND [pencil on paper]	970×690
5-4336*	100 HP Boiler Arrangement of Flue (Warnock Bros) FHB, ND [pencil on paper]	995×700
5-4327*	100 HP Boiler Setting to suit Vale Stoker (Warnock Bros Auckland) WWM 19/6/41 [pencil on paper]	1000×685
5-4301*	Greaseproof Paper Machine Receiving Trays, FHB, ND [pencil on paper]	1000×700
5-4292*	8 HP Lift Reduction Gear (Preliminary Sketch) FHB, ND [pencil on paper]	980×700
5-4284*	Steel Ladle Operating Gear Stopper Bar, FHB, ND [pencil on paper]	960×705
5-4272	RD6 Tractor Winch Support Frame, FHB, ND [pencil on paper]	970×685
5-4254*	14 HP Self Contained Boiler General Layout (WA Chenery Ltd) WWM 25/3/41 [pencil on paper]	960×670
5-4247*	21.6 to 1 Reduction Gear for Motor, WWM, 11/3/41 [pencil on paper]	1000×675
5-4245*	Three Throw Pump 1000psi 6 Gals per Minute, FHB 6/3/41 [pencil on paper]	990×710
5-4243	2 Ton Electric Capstan Gearing (preliminary plan) FHB, trcd 10/10/46 [pencil on paper]	990×690
5-4243[2	2 Ton Electric Capstan Gearing (preliminary plan – cancelled) FHB, ND [pencil on paper]	970×710

5-4224*	Experimental Hay Baling Machine, FHB, ND [pencil on paper – torn, sellotaped, crumpled]	910×740
5-4229*	14 HP Multitubular Boiler (WA Chenery Ltd), FHB, Traced NVU, ND [ink on linen – bad foxing]	995×685
5-4219	Front End Winch for RD6 Caterpillar Tractor, FHB, ND [pencil on paper – torn, sellotaped]	975×690
5-4215	12" Roller Crusher & Screen, FHB, ND [pencil on paper – torn, sellotaped]	970×680
5-4213	Diesel Log Hauler Gear Guards, FHB, ND [pencil on paper – torn, sellotaped]	1005×690
5-4199*	9'-5" Dia 10'-0" Pitch Propeller, FHB, ND [pencil on paper – torn, sellotaped, crumpled]	985×710
5-4181A	Deal Frame Press Roller Arrangement, NVU, 17/10/47 [pencil on paper – torn, sellotaped]	960×690
5-4181	Deal Frame Press Roller Arrangement (Tuck & Watkins, NZR Ham), FHB, ND [pencil on paper – torn, sellotaped]	935×685
5-4163	Diesel Log Hauler Canopy, FHB, ND [pencil on paper – torn, sellotaped, silver fish]	980×695
5-4117	Auckland Branch Grader Cab, FHB, ND [pencil on paper – torn, sellotaped, crumpled]	980×730
5-4116	Caterpillar Angledozer (Not Finished), WWM, 23/5/39 [pencil on paper – torn, sellotaped]	995×655
5-4099	1-Ton Hand Operated Overhead {Crane} (Clyde Eng), WAP, FHB, 5-X1-40 [pencil on paper – torn, sellotaped]	1020×705
5-4096	12×8 Stone Crusher on Trolley, FHB, ND [pencil on paper – torn, sellotaped]	905×710
5-4095	Friction Clutch for Log Frame (NZFS Rotorua) FHB, WAP, ND [ink on linen – bad foxing]	990×690
5-4095[2	Friction Clutch for Log Frame (NZFS Rotorua) FHB, ND [pencil on paper – torn, sellotaped]	980×705
5-4066*	100 HP Multitubular Boiler (Warnock Bros) FHB, WAP, chkd 22-X-40 [pencil on paper – torn, sellotaped]	995×675
5-4058*	28" V Belt Pulley With Friction Clutch (Wairere EPB) FHB, WAP, ND [ink on linen]	990×660
5-4058[2]*	28" V Belt Pulley With Friction Clutch, ND [pencil on paper]	940×705
5-4000	Lake Taupo Control Lock Gate Operating Gear (PWD Ham) FHB, WAP, ND [pencil on paper – torn, sellotaped]	995×690
5-3990*	70 HP Boiler Setting (Katikati Dairy Co) WWM, WAP, 30-9-40 [ink on linen – bad foxing]	990×655
5-3983*	100 Box Churn Gear Box (1940 Model, Okoia DC) WAP [ink on linen – bad foxing]	1275×70p5
5-3978*	100 Box Churn Unloader Alterations, FHB, ND [pencil on paper]	1020×710
5-3976*	100 Box Churn Gear Box Elevation, FHB, trcd WAP, ND [pencil on paper]	1050×685
5-3975	Hobsonville Gantry Winding Drum, FHB, trcd WAP, ND [pencil on paper]	1015×700
5-3974	Hobsonville Gantry Layout of Cross Traverse Gear, FHB, ND [pencil on paper]	995×715
5-3971	Uptaking Machine Whakatane Paper Mills, WWM 21/11/40, trcd WAM, 12/6/41 [ink on linen]	1000×665
5-3970	Barking Drum Whakatane Paper Mills, FHB, trcd WAP, 20/09/40 [ink on linen]	1190×710
5-3969*	70 HP Boiler Kati Kati Dairy Co, FHB, trcd GJC 24/10/40 [ink on linen]	1020×685
5-3967	Whakatane Paper Mills Revolving Drum Broke Beater Machine, FHB trcd WAM 30/5/41 [ink on linen]	970×670
5-3961*	5" Globe Valve for 65 HP Boiler Drg 5-3951 S Kirkpatrick & Co, WWM trcd WAP 3/2/42 [ink on linen]	950×680
5-3958*	4 Speed Epicyclic Gearbox Manawatu County Council, FHB, ND [pencil on paper – torn, sellotaped]	1000×640
5-3955*	65 HP Multitubular Boiler Setting S Kirkpatrick & Co, WWM trcd GJC 11/10/40 [ink on linen]	965×595
5-3953*	160 HP 3.25 to 1 Reduction Gear, FHB, ND [pencil on paper – torn, sellotaped]	975×710
5-3951A*	65 HP Boiler (Kaikohe Dairy), trcd WNB, ND [pencil on paper – torn, sellotaped]	1015×685
5-3951*	65 HP Boiler (Kirkpatrick & Co, Butland Pty), FHB trcd WAP, ND [ink on linen]	1010×690
5-3897	Hobsonville Gantry Machinery Layout, FHB 10/7/40 [pencil on paper – torn, sellotaped]	995×690
5-3892	Emsco Double Drum Power Control Unit Arrgt (For PWD Caterpillar Tractor) GJC, ND [ink on linen]	820×600
5-3875	Emsco Power Control Unit Rope Drum Cl (Traced from Emsco drg) GSE, ND [pencil on paper – torn, sellotaped]	980×640
5-3859	Emsco Power Control Unit Top Plate (Traced from Emsco drg) GSE, ND [pencil on paper – torn, sellotaped]	1015×690
5-3854	Emsco Power Control Unit Worm Case (Traced from Emsco drg) GSE, ND [pencil on paper – torn, sellotaped]	1025×660
5-3853	Emsco Power Control Unit Worm Wheel Case (Traced from Emsco drg) GSE, ND [pencil on paper – torn, sellotaped]	980×630
5-3833*	100 Box Butter Churn Front End Construction (1940 Model), FHB, ND [pencil on paper – torn, sellotaped]	985×690
5-3824*	100 Box Butter Churn Gear Box Base (1940 Model), FHB, ND [pencil on paper – torn, sellotaped]	960×665
5-3821*	100 Box Butter Churn Gear Box Frame (1940 Model), FHB, ND [pencil on paper – torn, sellotaped]	1000×705
5-3795	Lake Taupo Control Gate Lifting Winches, FHB, ND [pencil on paper – torn, sellotaped]	945×690
5-3787*	Mixing Machine Base Plate, GSE, apprvd FHB, ND [pencil on paper – torn, sellotaped]	925×690

5-3777*	Mixing Machine (Amalgamated Brick & Pipe Co), GSE, ND [pencil on paper – torn, sellotaped]	975×685
5-3768*	Winding, Dressing & Starching Machines (NZ Woolpacks) WWM, WAP 10/12/40 [ink on linen]	995×715
5-3766*	Winding Machine Right Side & Rear Elevation (NZ Woolpacks), JEP, chkd WWM [pencil on paper – torn, sellotaped]	970×680
5-3761*	Winding Unit Train Gear Arrgt (NZ Woolpacks) JEP, WAM ND [ink on linen]	930×635
5-3737*	Winding Unit Side Frame (Double) WWM, WAP ND [ink on linen]	980×650
5-3703	Starching Machine NZ Woolpacks Ltd, WWM, ND [pencil on paper]	945×675
5-3666*	Churn Gear Box Gear Case 1940 Model, FHB, ND [pencil on paper]	1000×715
5-3665*	65 Box Churn Gearbox Elevation No.1 1940 Model, ND [pencil on paper]	1000×660
5-3664*	Gearbox Arrangement 65 Box Churn 1940 Model, FHB, WAP, ND [pencil on paper]	1030×760
5-3664[2]?*	65 Box Churn 1940 Model Gearbox Arrangement No.2, ND [pencil on paper]	1040×755
5-3662*	Rotary Screen 24" Dia 13'-0" Long (Coromandel CC, Page Const), FHB, ND [pencil on paper – sellotaped]	1000×705
5-3646*	30" Sluice Valve for 100 lbs Test Pressure, FHB, ND [Reversed Photostat]	970×700
5-3640*	150 HP 4.8 to 1 Reduction Gear, FHB, ND [pencil on paper]	980×705
5-3640[2]*	150 HP 4.8 to 1 Reduction Gear, FHB, ND [pencil on paper]	970×700
5-3635	7½ Ton Travelling Crab, FHB, ND [pencil on paper]	950×700
5-3627*	Dressing Machine Frame NZ Woolpacks & Textiles Ltd, FHB, WAP, ND [ink on linen]	955×700
5-3624	GA RS Plain Hessian Loom (ex-NZ Woolpacks BP 55/76), trcd GJC, ND [pencil on paper]	980×635
5-3623*	Dressing Machine Drum NZ Woolpacks & Textiles Ltd, FHB, WAP, ND [ink on linen]	955×665
5-3615	Excavator Bucket (½ cuyd, Auckland Bch for Winstones Quarry), WWM 25-1-43 [pencil on paper]	995×650
5-3506	2 Ton Hand Winch, GJC, ND [pencil on paper]	960×675
5-3507*	Setting for Two 14.7 HP Boilers, FHB, ND [pencil on paper]	1000×690
5-3503	8 Wheel Diesel Loco Plan of Cab [piping &c], ND [pencil on paper]	1005×685
5-3502	8 Wheel Diesel Loco Section of Cab [piping &c], ND [pencil on paper]	1010×755
5-3492*	Worm Reduction Gear 100 to 1, FHB, ND [pencil on paper]	995×690
5-3489*	Lime Bagger Miranda Shell Lime Co, FHB, ND [pencil on paper]	965×685
5-3479	3½ HP Electric Capstan, FHB, ND [pencil on paper]	1005×690
5-3474*	19 to 1 Reduction Gear for Motor, FHB, ND [pencil on paper]	980×705
5-3456	5 Ton Road Roller Arrangement, FHB, ND [pencil on paper]	955×640
5-3455*	15.8 to 1 Reduction Gear for Motor, FHB, ND [pencil on paper]	985×700
5-3454*	33.9 to 1 Reduction Gear for Motor, FHB, ND [pencil on paper]	990×700
5-3441	Coal Shaker Gearing Arrgt Taupiri Coal Mines, WMM, 19/7/37 [pencil on paper]	1030×670
5-3440	Coal Shaker Arrangement Taupiri Coal Mines, WMM, 19/7/39 [pencil on paper]	1030×670
5-3436	Road Planer GA (for Case tractor), JEP, FHB, ND [pencil on paper – torn & sellotaped]	960×670
5-3429	44 Seat Rail Car Frame [Egmont Box Co], ND [pencil on paper]	1030×700
5-3435	44 Seat Rail Car Bogies O.N. R7993, M1251, P2886, etc [Egmont Box & Dominion TC], FHB, ND [pencil on paper]	1010×700
5-3419	44 Seat Rail Car Reverse Gearbox O.N. R7993, [Egmont Box, National Park], FHB, ND [pencil on paper]	955×705
5-3418	Belt Driven Two Drum Log Hauling Winch Frame Arrgt (TTT) FHB, ND [pencil on paper]	1005×680
5-3403	3½ HP Electric Capstan Case, FHB, ND [pencil on paper]	985×705
5-3363*	Challenge Phosphate Coy Castings for Super Mixer, trd GJC, ND [pencil on paper]	1020×715
5-3355	8 Wheel Diesel Loco Front End Layout, FHB, ND [pencil on paper]	1150×755
5-3501	8 Wheel Diesel Loco Side View of Engine, ND [pencil on paper]	1005×760
5-3353	8 Wheel Diesel Loco Vertical Centre Section of Gearbox, FHB, NVU, ND [ink on linen – bad foxing]	995×690
5-3350	8 Wheel Diesel Loco Bonnets, FHB, ND [pencil on paper]	995×690
5-3347	50 HP Boiler Brickwork, FHB, ND [pencil on paper]	945×575
5-3346	70 HP Boiler Brickwork, FHB, ND [pencil on paper]	955×575
5-3343	5 Ton Road Roller to Suit Fordson Tractor, FHB, ND [pencil on paper]	970×690

5-3330*	Lead Mixing Machine Arrgt (Auckland Bch for Phillips & Impey) WWM, 1/6/39 [pencil on paper]	990×680
5-3327*	75 HP Boiler Layout (John Chambers & Sons) WWM, 26/5/39 [pencil on paper]	995×630
5-3323*	Soil Testing Winch Frame Etc (see PWD102951 for details) FHB, ND [pencil on paper]	1000×710
5-3317*	14 HP Boiler Positions of Mountings Etc (Nikau Bacon) WWM 15/6/39 [pencil on paper]	1010×635
5-3314	100 HP Boiler Setting for Berry Mechanical Stoker (Morrinsville DC) WWM, WAP 16/5/39 [ink on linen]	1000×710
5-3312	Double Drum Pile Driving Winch Frame, WWM 12/4/39 [pencil on paper]	1015×655
5-3311	50 HP Electric Drive Single Drum Winch Frame, FHB, ND, [[pencil on paper]	990×700
5-3307*	3½ HP Electric Capstan (preliminary) FHB, ND [pencil on paper – sellotaped]	1005×685
5-3307[2]*	3½ HP Electric Capstan (final) FHB, ND [pencil on paper – sellotaped]	995×695
5-3305	Diesel Driven Stone Crusher on Lorry, FHB, ND [pencil on paper]	1015×700
5-3303	Self-Propelled Winch Layout (NZR Auckland) FHB, ND [pencil on paper]	960×690
5-3302	Self-Propelled Winch Engine to Gear Box Chain Case (NZR Auckland) FHB, ND [pencil on paper]	985×710
5-3301	Self-Propelled Winch Reversing Gear (NZR Auckland) FHB, trcd JEP, ND [ink on linen]	980×690
5-3296	100 HP Heavy Duty Log Hauler, FHB 10/3/39, trcd NVU 18/3/47 [ink on linen]	985×705
5-3292	Steel Frame Type Timber Truck, FHB, ND [pencil on paper – sellotaped]	920×640
5-3288	15 Ton Simplex Jack, WWM 27/3/39 [pencil on paper – sellotaped]	1015×675

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