

A&G Price Drawings – third 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-. The drawings listed here are from this series. The NZR&LS holds some, but by no means all, 5-series drawings up to the beginning of 1957, with a handful of later tracings 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 structural steel, lift and crane businesses. These include a group of Malcolm Moore crane drawings – Cables would appear to have been New Zealand agents for Malcolm Moore. The Price and Cable drawings are being catalogued and the relevant ones scanned by a small team of volunteers. This document lists the contents of the third 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 based on 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. The drawings are listed in the order in which they were filed by A&G Price when they came to the NZR&LS, not in numerical order.

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 5 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 18 A–E

Drawer 5

5-5942–5-4566

5-5942	Glue Spreading Machine Lower Trough Lifting Mechanism (E&B Hamilton), Ram 29-7-46 [pencil on paper]	990×665
5-5911	Glue Spreading Machine Lower Trough Lifting Gear Detail (E&B Hamilton), Ram 27-7-46 [pencil on paper]	990×670
5-5904	39" Glue Spreading Machine (E&B Hamilton), Ram 12-8-46 [pencil on paper]	925×595
5-5902	Strongman Colliery Rapahoe 42" Belt Conveyor Motor-Driven Tripper (preliminary), FHB 23-9-46 [pencil on paper]	980×730
5-5901	Strongman Colliery Rapahoe Reciprocating Loader (preliminary) FHB 23-9-46 [pencil on paper]	955×700
5-5899	Conversion Jeep to Rail Motor Detail of Back Buffer (from "PWD"? [NZR] S.1563) NVU 19-9-46 [pencil on paper]	930×510
5-5898	Conversion Jeep to Rail Motor Detail of Front Buffer (from "PWD" [NZR] S.1563) NVU 19-9-46 [pencil on paper]	915×515
5-5896A	14.7 HP Boiler (Mono Containers Ltd) NVU 18-9-46 [pencil on paper]	1000×690
5-5891	18" Belt Conveyor Idler & Pulley Details (PWD enquiry, Lake Tekapo) Ram 19-8-46 [pencil on paper]	880×665
5-5887	Lime Bin (Colville Lime Co) FHB, ND [pencil on paper]	960×705
5-5886	Spinning Lathe Layout of Gear Box (Alex Harvey & Sons Ltd) FHB, ND [pencil on paper]	935×700
5-5886[2]	Spinning Lathe Layout of Gear Box (Alex Harvey & Sons Ltd) GJC, ND [pencil on paper]	940×710
5-5885	GA Spinning Lathe for Washing Machines (Alex Harvey & Sons Ltd) GJC, ND [pencil on paper]	975×700

5-5885[2]	GA Spinning Lathe for Washing Machines (Alex Harvey & Sons Ltd) FHB, ND [pencil on paper]	975x695
5-5880	Spark Arrester A Henderson Kaimai [ref to E&B re height above rail], WWM 6-8-46 [pencil on paper]	875x625
5-5877	65 HP Multitubular Boiler Setting (Gilberd) WWM, ND [pencil on paper]	990x620
5-5876C	65 HP Multitubular Boiler Setting (Gilberd) WNB 10-9-46 [pencil on paper]	1015x705
5-5865A	Propeller & Driving Equipment Ram Etc Layout (Huntly Brick & Fireclay) FHB, ND [pencil on paper]	995x695
5-5864A	Propeller & Driving Equipment Tank Details (Huntly Brick & Fireclay) Ram 11-7-46 [pencil on paper]	945x540
5-5863	Propeller & Driving Equipment GA Pump & Tank (Huntly Brick & Fireclay) Ram 29-8-46 [pencil on paper]	980x530
5-5802	40"x24" Hauraki Log Frame, FHB 1-7-46 [pencil on paper]	985x710
5-5801*	16'x6' Steam Drum WP 110 PSI (Whangaroa Hospital), Ram 27-6-46 [pencil on paper]	1015x705
5-5787	Proposed Extension to Works Lavatory, ND [pencil on paper]	995x690
5-5782	Portable Air Compressor Unit (Clyde Engineering) Ram, 6-6-46 [pencil on paper]	980x705
5-5779	½ Yard Steel Tip Truck (24" gauge, not necessarily to scale) Ram 28-5-46 [pencil on paper – torn]	1005x680
5-5767	Glue Spreading Machine (Scott Timber & Hardware, cancelled see 5-5904) Ram 14-5-46 [pencil on paper]	925x685
5-5694*	Core Winding Machine (Caxton Printing Works) WWM 5-3-46 [pencil on paper]	935x675
5-5690A	65 HP Boiler Setting (Kaikohe Dairy Co) WNB, chkd WWM, ND [pencil on paper]	1000x600
5-5684	Troughing Rollers & Pulleys (conveyor belt, Huntly Brick & Fireclay Co), ND [pencil on paper]	885x650
5-5681	Lime Bagger (Pacific Chemical & Mineral Development Co) WWM 11-4-46 [pencil on paper]	980x680
5-5670	Pulverizer Feeder, FHB 5-7-46 [pencil on paper]	860x660
5-5660	Rotary Screen (Tirohia Quarries) WWM 25-2-46 [pencil on paper]	1005x630
5-5643	14.7 HP Boiler Setting (Wanganui Hospital Board Taihape & Raetihi) JGT, ND [pencil on paper]	975x600
5-5627*	12V 9 Battery Box Mould Core (Reid NZ Rubber Mills – cancelled) JGT, ND [pencil on paper]	990x670
5-5626	Fairlead Support Bracket for 10RB Ruston Excavator (Kopu Lime Co) WWM 17-12-45 [pencil on paper]	970x630
5-5620	Log Grinder – Elevation (Whakatane Paper Mills) WVB chkd Ram 25-7-46 [pencil on paper]	965x765
5-5619	Log Grinder – Plan (Whakatane Paper Mills) WVB chkd Ram 30-7-46 [pencil on paper]	985x685
5-5555*	Slitter & Rewinder Arrgt on Counting Side (Caxton Printing Works) NVU 27-2-46 [pencil on paper]	980x700
5-5519*	Slitter & Rewinder Arrgt on Gear Side (Caxton Printing Works) NVU 8-3-46 [pencil on paper]	980x700
5-5514*	Vylic Press Mould (GF Brunton) FHB, ND [pencil on paper]	940x705
5-5511	Fairlead for 10RB Ruston Excavator (Kopu Lime Co) WWM 6-12-45 [pencil on paper]	925x665
5-5509	Drag Line Boom for 10RB Ruston Excavator (copy of drg 7-303, Kopu Lime Co) WWM 23-11-45 [pencil on paper]	980x675
5-5508	3/8 C Yd Drag Bucket for 10RB Ruston Excavator (Kopu Lime Co) WWM ND [pencil on paper]	1020x655
5-5505	Two 17 Cub Yd Hoppers (preliminary – subject to alteration) FHB, ND [pencil on paper]	975x715
5-5494A	Saw Spindles (Tunncliffe & Co) WWM 12-12-45 [pencil on paper]	955x640
5-5473	14x9 Bull Block (Perham Larsen, Pokaka TC, E&B Hamilton) FHB, ND [pencil on paper]	960x700
5-5449A	5 Ton Winch Frame (PWD) FHB, ND [pencil on paper]	960x710
5-5436*	Milk Pump (Gaulin Pattern) Mild Steel Valve Body, FHB, ND [ink on linen]	990x675
5-5419*	Homogenizing Valves (NZ Dairy) WWM, trcd NVU 2/4/45 [ink on linen]	990x670
5-5417*	Milk Pump Gaulin Pattern Crank & Pinion Shaft Details, Redrawn RTP 22-11-72 [pencil on paper]	1015x680
5-5417[2]*	Milk Pump (Gaulin Pattern) Crank & Pinion Shaft Details, WWM 23-4-45 [ink on linen]	980x640
5-5416B*	Homogenizer Valve Body 14-5-47 [pencil on paper]	995x670
5-5415A*	Milk Pump (Gaulin Pattern) Case, FHB trcd NVU 23-5-46 [ink on linen]	1005x710
5-5414*	Price Milk Pump Arrangement, WWM 16-5-49 [pencil on paper]	930x650
5-5404	Muffler Casting (AG Frankham Ltd) WWM, ND [pencil on paper]	965x625
5-5398	"B" Block Shackles & Eyebolts, JGT, ND [pencil on paper]	920x655
5-5395*	Paddle Mixer, FHB, ND [pencil on paper]	995x730
5-5387	5 Ton Winch Single Barrel Two Speeds (PWD Auckland for slipway RNZAF Hobsonville) FHB, ND [pencil on paper]	965x690
5-5380	Frame Details 100 HP Winch Lifting Gantry (Downer) WWM 29-5-45 [pencil on paper]	985x695

5-5379	100 HP Winch Lifting Gantry Hand Winch (Downer) FHB, ND [pencil on paper]	970x715
5-5353A	50 HP Multitubular Boiler (NZ Dairy Waitakaruru) FHB trcd NVU, ND [ink on linen]	965x715
5-5344	"V" Type Locomotive Proposed Alteration to Steam Intake (cancelled) FHB, ND [pencil on paper]	995x705
5-5343	100 HP Winch Lifting Gantry Foundation Plan, WWM 25-5-45 [pencil on paper]	745x600
5-5342	100 HP Winch Lifting Gantry FHB, ND [pencil on paper]	990x710
5-5337	100 HP Dragline Winch Main Gear Guards, FHB, ND [pencil on paper]	965x710
5-5334	100 HP Dragline Winch Front Drum, FHB, ND [pencil on paper]	1030x700
5-5309	100 HP Dragline Winch Drums, FHB, ND [pencil on paper]	990x710
5-5297	NZR Loco Class F Regulator Gear (Stuart & Chapman) FHB, ND [pencil on paper]	1000x710
5-5282A	Trunnion Roller Shell Drier (Farmers Fert, Bitumix) FHB trcd NVU, ND [ink on linen]	980x705
5-5274	Shell Drier Arrangement (Farmers Fert, Bitumix) WWM, ND [ink on linen]	975x585
5-5273*	Knife Support for Evaporator Rolls, FHB, ND [pencil on paper]	1020x665
5-5271	Heavy Duty 100 HP Dragline Winch (A Downer & Co) FHB trcd JGT, ND [ink on linen]	960x705
5-5268	Articulated Truck Bottom Turntable (Ray Vincent) FHB, ND [pencil on paper]	1010x720
5-5268[2]	Articulated Truck Bottom Turntable (Ray Vincent – cancelled, see 3-5662) FHB, ND [pencil on paper]	1000x710
5-5267	Articulated Truck Top Turntable (Ray Vincent) FHB, ND [pencil on paper]	975x705
5-5219	Extractor Roller (Whakatane Paper Mills) FHB, ND [pencil on paper]	995x700
5-5183	Battery of Four 100 HP Boilers Front Platforms, FHB, ND [pencil on paper]	970x710
5-5179	Screw Conveyor for Four 100 HP Boilers, FHB, ND [pencil on paper]	985x705
5-5178	Battery of Four 100 HP Boilers Showing Front Flue Etc (Dominion Breweries Ltd), FHB, ND [pencil on paper]	970x700
5-5174	100 HP Boiler and Flue Supports (Dominion Breweries Ltd), FHB trcd NVU, ND [ink on linen]	1015x715
5-5166	6'-0" Breaking Down Frame, FHB, ND [pencil on paper]	970x700
5-5164A	Annealing Furnace Alterations (and trolley), FHB, ND [pencil on paper]	970x705
5-5163	100 HP Multitubular Boiler (NZ Breweries Khyber Pass) FHB trcd NVU, ND [ink on linen]	1000x705
5-5161	100 HP Boiler Front Arrangement (Dominion Breweries Ltd – preliminary), FHB, ND [pencil on paper]	930x705
5-5153	Alterations to Timber Truck (Henderson) FHB, ND [pencil on paper]	940x690
5-5149	"D" Type Loco Boiler (Gear Meat Co – from drg supplied by Gear dated 20/6/43) trcd NVU 25-2-44 [pencil on paper]	955x650
5-5148	5" Stop Valve (NZD, Dominion Breweries, NZ Felt & Textiles, Innes) WWM trcd NVU, ND [ink on linen]	970x695
5-5142*	Smokeboxes & Cast Iron Fronts 38 HP Boilers (Wanganui Hospital Board) WWM trcd NVU, ND [ink on linen]	990x660
5-5138*	38 HP Multitubular Boiler (Wanganui Hospital Board spec) FHB trcd WWM, ND [ink on linen]	970x720
5-5135	NZR Locos Class "F" Dome (mod from NZR drg 4848, Stuart & Chapman) NVU, ND [pencil on paper]	980x605
5-5137*	Ammonia Condenser (Dominion Breweries Waitemata Brewery) FHB, ND [pencil on paper]	995x685
5-5134	NZR Type "F" Boiler (Stuart & Chapman – NZR drg 4834 with alts) FHB, ND [pencil on paper]	975x680
5-5128	100 HP Multitubular Boiler (NZ Breweries Khyber Pass) WWM 26-7-44 [ink on linen]	1005x630
5-5118	Chimney 100 HP Multitubular Boiler (Dominion Breweries – cancelled) WWM 3-2-44 [pencil on paper]	920x635
5-5116	100 HP Multitubular Boiler Setting (Dominion Breweries – Otahuhu) WWM 27-1-44 [pencil on paper]	960x630
5-5095	Bone Crusher (Mair, Matamata) FHB, ND [pencil on paper – badly chewed]	965x690
5-5087	Hopper Barge Winch Arrangement (Drg PWD118086) FHB 22/11/43 [pencil on paper]	980x695
5-5074	Heisler Type Boiler (replacement boilers TTT Nos.1&2) FHB 24-11-43 [pencil on paper]	995x690
5-5064*	29½x32 Air Compressor Cylinder Ends (Dominion Breweries) FHB, ND [pencil on paper – ripped]	985x705
5-5047	100 HP Boiler Setting (Western Bay Timber Co) WWM trcd NVU 20/7/44 [ink on linen]	980x715
5-5046A	Flue for 100 HP Boiler (Western Bay Timber Co) FHB, ND [pencil on paper]	960x710
5-5011	28 Ton Gantry Hook (PWD Auckland) FHB, ND [pencil on paper]	995x700
5-5010	28 Ton Gantry Crab (PWD Auckland) FHB trcd NVU, ND [ink on linen]	995x710
5-5002	8 HP Colonial Boiler Case for Oil Burning (Milne & Choyce, Auckland) FHB, ND [pencil on paper]	985x700
5-4993	85 HP Multitubular Boiler (Auckland Military Hospital) WWM 20-9-43 [pencil on paper]	990x700

5-4991	85 HP Multitubular Boiler (Auckland Military Hospital) WWM 2-8-43 [pencil on paper]	985×700
5-4990	Chimney & Frame for Pair of 85 HP Boilers (US Hospital, Avondale) FHB, ND [pencil on paper]	995×695
5-4966	Gearbox Assembly (87 HP Petrol Driven Loco, RNZAF) WWM trcd NVU 15-7-43 [ink on linen]	1015×595
5-4960	Frame (87 HP Petrol Driven Loco, RNZAF) FHB trcd WWM 1-7-43 [pencil on paper]	985×640
5-4959	87 HP Petrol Loco Arrgt (RNZAF) FHB, ND [pencil on paper]	980×705
5-4934	2 Ton Winch (Drg PWD116883) WWM 10-6-43 [pencil on paper]	960×690
[Photocopy in drawer of fax from TradeNZ re refund of accommodation expenses, Defence Mission to Melbourne, 2/2/96]		
5-4920	Key Diagram Showing Erection Marks 28 Ton Gantry Crane (PWD) WWM 4-8-43 [pencil on paper]	1000×605
5-4919	Main Span 28 Ton Gantry Crane (PWD) WWM 13-5-43 [pencil on paper]	955×645
5-4909	Travelling Gear 28 Ton Gantry Crane (PWD) FHB trcd NVU, ND [ink on linen]	980×715
5-4907	Hauraki Pulveriser 24"×9" (Grinter Bros) FHB trcd WWM, ND [pencil on paper]	1015×680
5-4906	100 HP Multitubular Boiler (Dominion Breweries, Western Bay Timber Co) FHB trcd NVU, ND [ink on linen]	1000×705
5-4905	Annealing Furnace (A&G Price – altered 5-5164) FHB, ND [pencil on paper]	995×690
5-4904	Hydraulic Ram Case, FHB, ND [pencil on paper]	1000×705
5-4900	Ash Pan 10"×9"×"V" Type Locomotive, FHB trcd NVU, ND [ink on linen]	985×685
5-4899	"V" Type Locomotive Frame (Ogilvie ONo. P 4792) FHB trcd NVU, ND [ink on linen]	1010×685
5-4898	"V" Engine Loco Regulator Valve Model II (Cancelled – ONo. P 5555) FHB trcd NVU, ND [ink on linen]	975×710
5-4898[2]	"V" Locomotive Regulator Valve Model III (ONo. P 8052 – supersedes same drg No.) FHB, ND [pencil on paper]	975×710
5-4893	30 Ton Winch (preliminary plan) FHB, ND [pencil on paper]	995×695
5-4871A*	Furnace for Manganese Steel, FHB, ND [Photocopy]	950×700
5-4868	14 HP Boiler Setting (Takapuna Dairy Co) WWM 6-5-43 [pencil on paper]	920×580
5-4866	7½ Ton Winch, FHB, ND [pencil on paper]	990×680
5-4842	Blade La Plante Choate Bulldozer RNZAF, WWM 28-9-42 [ink on linen]	990×660
5-4839	Saddle La Plante Choate Bulldozer RNZAF, WWM, trcd RDB, ND [ink on linen]	1040×655
5-4830	Truck for Moulding Machine (Works) RDB, ND [pencil on paper]	960×695
5-4790	10"×9"V-Type Locomotive [Side Elevation – ONos P5555 Boiler, P4792 Engine, P4753 Bogies] ND [ink on linen]	1000×690
5-4789	10"×9"V-Type Locomotive Crankcase, FHB, ND [pencil on paper]	990×710
5-4787	10"×9" Steam Engine [V Loco, ONo P4792] Section of RH Engine, FHB 19-11-42 [ink on linen]	905×695
5-4786	10"×9" Steam Engine [V Loco, ONo P4792] Valve Layout, FHB trcd WWM, ND [ink on linen]	1040×690
5-4785	10"×9" Steam Engine [V Loco, ONo P4792] Centre Section Layout, FHB trcd RDB, ND [ink on linen]	1020×705
5-4783	Articulated Petrol Timber Loco (Preliminary Sketch Subject to Alteration) FHB, ND [pencil on paper]	995×685
5-4782	8 HP Colonial Boiler Case (Milne & Choyce, etc) RDB trcd WWM, ND [ink on linen]	1005×665
5-4781	30 Ton Crane Bridge, FHB, ND [pencil on paper]	1020×690
5-4758*	80 HP 1450/450 Reduction Gear (Tolley & Son) FHB 29-7-42 [pencil on paper]	1000×680
5-4748*	Lime Bagger (Kopu Calcined Lime Co Ltd) WWM 15-7-42 [pencil on paper]	960×680
5-4724*	30 to 1 3 HP Reduction Gear (John Grant & Co Lower Hutt) FHB, ND [pencil on paper]	995×700
5-4706	5 Ton Hand Crane [Gantry] 45ft Span (Preliminary Sketch) FHB, ND [pencil on paper]	990×710
5-4705	2 Ton Crane [Gantry] 46ft 3in Span (Preliminary Sketch) FHB, ND [pencil on paper]	990×705
5-4701	Square Lathe Turret Head, WWM 19-4-42 [pencil on paper]	990×630
5-4697	Drag Scraper Winch, FHB, ND [pencil on paper]	975×710
5-4645	14.7 HP Boiler Setting (Thames Hospital Board) WWM 14-1-42 [pencil on paper]	980×610
5-4680*	Sand Strength Tester, FHB, ND [pencil on paper]	990×715
5-4636*	Sand Mill Arrangement, WAM 19-12-41 [pencil on paper]	990×635
5-4620*	100-1 Reduction 7½ HP Reduction Gear Case (Vacuum Oil Co) WWM 15-12-41 [pencil on paper]	1000×650
5-4614*	Boring Machine for Valve Body, Lake Coleridge, FHB, ND [pencil on paper]	1170×695
5-4613	Cast Steel Anchors 8, 10, 14, 18, 22 LBS (J MacLachlan, Grey Lynn) WWM 22-12-41 [pencil on paper]	960×640

5-4580	2"×3" Double Cylinder Reversing Steam Engine with Sensitive Control (Preliminary) FHB, ND [pencil on paper]	990×705
5-4576	35 HP Single Drum Winch Electric Drive, WWM 23-10-41 [pencil on paper]	980×655
5-4566*	100 to 1 7½ HP Reduction Gear (Vacuum Oil Co) FHB, ND [pencil on paper]	975×700

Drawings marked with * not scanned.

Drawer 4

5-6998-5-5945

5-6998	Drive Section – Frame 24" Belt Conveyor, WWB superseded 16-9-49 [pencil on paper]	995×690
5-6997	Drilling for 30 LB Rails 24" Belt Conveyor, WWB, ND [pencil on paper]	995×690
5-6996	Head Section – Frame 24" Belt Conveyor, WWB 20-5-49 [pencil on paper]	1010×665
5-6958	Rail Car Main Frame (ONo. M5682) WWB 17-6-49 [pencil on paper]	975×625
5-6948	6'-0" Skyline Carriage, FHB 30-3-49 [pencil on paper]	975×715
5-6930A	7½ Ton Diesel Locomotive (Preliminary – 2 ft gauge) FHB, ND [pencil on paper]	950×720
5-6897	7½ HP 3000 to 1 Reduction Gear (Preliminary) FHB 24-1-49 [pencil on paper]	960×680
5-6892	Bucket Elevator Drilling for 6"×3" RSJs (M5893) WWB 11-3-49 [pencil on paper]	970×665
5-6870	Rail Car Layout (ONo. M5682) WWB, ND [pencil on paper]	995×660
5-6868C	NZR Type F Boiler (NZR Drg 4834 altd – Wilsons Portland Cement M5587) FHB, apprvd 30-12-48 [pencil on paper]	975×670
5-6849	15 cwt Single Drum Hoist (PWD Drg 127605) FHB, ND [pencil on paper]	950×680
5-6824	Tailstock Assembly for Spinning Lathe (Alex Harvey & Sons) GJC, ND [pencil on paper]	990×695
5-6798	Bed for Spinning Lathe (Alex Harvey & Sons) GJC, 9-8-48 [pencil on paper]	940×700
5-6792B	100 HP Boiler GA (ONo. M3903) WWB, 24-9-48 [pencil on paper]	985×675
5-6770	130 HP Locomotive GA (Leyland 600 Diesel Engine) FHB 18-8-48 [pencil on paper]	955×700
5-6765	Proposed Alterations to 10"×9" V Type Locomotive Engine, trcd MFO, ND [pencil on paper]	1020×685
5-6764	Proposed Alterations to 10"×9" V Type Locomotive Engine, MFO, ND [pencil on paper]	895×720
5-6763*	Willard Milk Pump Alterations New Valve Body, NVU 5-8-48 [pencil on paper]	955×640
5-6756	Stone Washer, FHB 22-3-48 [pencil on paper]	920×655
5-6749	9"×6" Centrifugal Discharge Bucket Elevator, E Morgan 10-5-57 [ink on paper]	1015×690
5-6715	4'×10' Low Head Vibrating Screen Single Deck Screen Body Side Plate No.2 Mechanism, JWW 27-10-54 [Photostat]	920×690
5-6715[2]	4'×10' Low Head Vibrating Screen Single Deck Screen Body Side Plate No.2 Mech, Allis Chalmers Drg [Photostat]	920×690
5-6710*	Part No.1 Milk Bottle Conveyor Layout of Receiving End (Palmerston North) NVU 27-8-48 [pencil on paper]	1005×685
5-6709*	Milk Bottle Conveyor Receiving End Double Track (Palmerston North) FHB 5-8-48 [pencil on paper]	960×695
5-6699*	Milk Bottle Conveyor Receiving End & Soap Bath, FHB 30-6-48 [pencil on paper]	990×665
5-6684D	21×10 Crusher Body, FHB 9-4-48 [pencil on paper]	930×710
5-6673	18" Trav Recip Plate Feeder Frame, WWB 19-5-48 [pencil on paper]	1005×635
5-6671A	8 Ton Diesel Locomotive GA (ONo. M4890 [MOW 3ft gauge]) FHB trcd WWM, ND [pencil on paper]	980×700
5-6655A	8 Ton Diesel Locomotive Cab, FHB 17-6-48 [pencil on paper – bad silverfish]	965×740
5-6659A	8 Ton Diesel Locomotive Reduction Gear, FHB 17-6-48 [pencil on paper]	940×660
5-6608B	21"×10" Crusher Arrangement, NVU 4-11-48 [pencil on paper]	1000×690
5-6598B	Temporary Flat Belt Conveyor (revised-under track?) WWB 27-4-48 [pencil on paper]	980×670
5-6532	21"×10" Crusher Roller Bearing Type, Arrgt only, not for constructional purposes, FHB 22-1-48	990×710
5-6527A	Portable Crushing Plant Secondary Unit (preliminary drawing) [PWD?] FHB 20-1-48 [pencil on paper]	1005×705
5-6526	Portable Crushing Plant Primary Unit (preliminary plan), FHB 20-1-48 [pencil on paper]	955×690
5-6520	Propelling & Driving Equip Foundation for Ram & Dolly Guides [Huntly Brick? 5-5865] NVU 9-12-47 [pencil on paper]	985×695
5-6470*	24" Belt Conveyor Drilling for 30 lb Rails, WWR, 3-3-49 [pencil on paper]	970×650
5-6460D	14.7 HP Boiler to suit 6'-0" Shell Plate (BALM Wellington) FHB 8-10-47 [pencil on paper]	950×705
5-6450*	New Valve Body Willard Milk Pump Alterations, FHB 29-9-47 [pencil on paper]	980×660

5-6449A	100 HP Boiler Setting for "Robot" Stoker (NZ Dairy Co) NVU 2-10-47 [pencil on paper]	970×680
5-6432*	2" Centrifugal Pump Body, FHB, ND [pencil on paper]	975×735
5-6430*	Arrangement Willard Milk Pump Alterations, FHB 9-10-47 [pencil on paper]	975×700
5-6418A*	24" Belt Conveyor Std Sect 20' Channels & Cover, WWB, ND [pencil on paper]	920×645
5-6415*	24" Belt Conveyor Foot & Take-Up Frame, WWB, ND [pencil on paper]	1005×695
5-6409*	24" Belt Conveyor Head & Drive Frame, WWB, 27-7-48 [pencil on paper]	1005×695
5-6407A*	24" Belt Conveyor Framework for Weigher Section, WWB, 8-7-48 [pencil on paper]	990×690
5-6388B*	Arrangement Willard Milk Pump Alterations, FHB, 15-7-48 [pencil on paper]	950×670
5-6361E	100 HP Multitubular Boiler, FHB 21-8-47 [pencil on paper]	1010×700
3-6359	Driving Wheel 16"×24 Bottom Geared Deal Frame (NZR Hamilton) WWM 20-10-47 [dieline print]	605×370
5-6327	6 Ton Transfer Truck (TT [TTT?] Co) FHB 16-7-47 [pencil on paper]	870×695
5-6281*	"Sutcliffe" Concrete Block Mould Arrangement, WWM 15-5-47 [pencil on paper]	1005×655
5-6275	6 HP Semi-Portable Boiler Fully-Automatic Oil Fired, Ram 21-4-47 [pencil on paper]	1015×640
5-6265C	Sky Line Carriage (State Forest Service) NVU 27-5-47 [pencil on paper]	950×690
5-6265A	Sky Line Carriage (State Forest Service – cancelled, see 5-6265C) FHB 1-5-47 [pencil on paper]	950×690
5-6265	Sky Line Carriage (cancelled, see 5-6265C), FHB 1-5-47 [?] [pencil on paper]	960×700
5-6221	Coal Cutting Machine Jib Swivel Head, FHB, ND [pencil on paper]	985×700
5-6220A	Coal Cutting Machine Rise & Fall Columns, FHB 27-5-47 [pencil on paper]	950×685
5-6219	Coal Cutting Machine Jib Arrangement, FHB 25-6-47 [pencil on paper]	1010×700
5-6217	Coal Cutting Machine Sliding Body Arrangement, FHB 27-2-48 [pencil on paper]	955×695
5-6211A	Coal Cutting Machine Cutter Arm Layout, FHB 13-2-47 [pencil on paper]	985×705
5-6207	16×8 Stone Crusher & Elevator, FHB, ND [pencil on paper]	955×700
5-6206	8 Cu.Yd. 4 Compartment Bins with Revolving Screen (preliminary) FHB, ND [pencil on paper]	980×710
5-6180	2" Centrifugal Pump Self-Priming Type, FHB 3-4-47 [pencil on paper]	960×705
5-6156	Proposed Economiser for Two 100 HP Boilers (preliminary) FHB, ND [pencil on paper]	910×700
5-6154A	100 HP Boiler Setting for "Robot" Stoker (redesigned 4-7-47) NVU 21-3-47 [pencil on paper]	970×685
5-6151B	100 HP Boiler Setting (Morrinsville Dairy Co – redesigned 20-6-47 & 7-7-47) FHB 28-2-47 [pencil on paper]	985×700
5-6142G	Can Steriliser, FHB, ND [pencil on paper]	965×695
5-6104	24×18 Single Roll Crusher, FHB 7-2-47 [pencil on paper]	955×695
5-6087A	Sauce Pasteurizer Arrangement of Case (Butland) FHB, ND [pencil on paper]	930×700
5-6081A	29½ Reduction Gear for 30 HP Mining Type Winch (Auckland Branch Pattern), FHB, ND [pencil on paper]	925×700
5-6071	Sand Blast Machine Foundation, ND [pencil on paper]	1030×715
5-6070	Sand Blast Machine (not to be used for constructional purposes), ND [pencil on paper]	1025×695
5-6069E	100 HP Multitubular Boiler (NZD Morrinsville, Innes) WWB 5-12-46 [pencil on paper]	1000×695
5-6064	Gas Producer Grate Spider, FHB 4-12-46 [pencil on paper]	1030×700
5-6063	Gas Producer Grate Driving Gear (Huntly Brick & Fireclay Co) FHB 4-12-46 [pencil on paper]	995×695
5-6061	Alterations to Suit Oil Burner 6 HP Semi-Portable Boiler (Woolley's Ltd) WWM 29-11-46 [pencil on paper]	1015×640
5-6060	14" Conveyor Belt General Arrangement (PWD Enquiry), Ram 27-11-46 [pencil on paper]	950×670
5-6058A	36×10 Scraper Conveyor Intermediate Section Layout (Westport CC Kiwi Mine) Ram 22-11-47 [pencil on paper]	995×605
5-6054A	36" Belt Conveyor Intermediate Section (Westport CC Kiwi Mine) Ram, WWB, 18-11-46 [pencil on paper]	995×605
5-6040	48" Belt Conveyor Head Section Layout (State Coal Strongman Colliery) Ram 17-10-46 [pencil on paper]	950×650
5-6039	48" Belt Conveyor Intermediate Section Layout (State Coal Strongman Colliery) Ram 16-10-46 [pencil on paper]	1005×680
5-6025C	Loco Boiler for Auckland Gas Coy (Barclay drg 1779 with alts – loco No.1270) altd FHB 6-11-46 [pencil on paper]	955×675
5-6011A	30" Belt Conveyor Foot & Take-Up Layout (Taupiri Coal Mines Ltd) Ram 4-10-46 [pencil on paper]	985×665
5-6009	30" Belt Conveyor Drive Head & Hopper Layout (Taupiri Coal Mines Ltd) Ram 4-11-46 [pencil on paper]	945×645
5-5995B*	Cylinder Milk Pump (Gaulin Pattern) FHB trcd PJC, ND [pencil on paper]	1025×670

5-5994	23'x6'-8" Trommel 180 cub yds per hour, FHB 2-10-46 [pencil on paper]	1040x700
5-5974A	Agitating Clay Feeder The Huntly Brick & Fireclay Co, FHB 7-10-46 [pencil on paper]	995x700
5-5973	Portable Stone Crusher with Elevator Screen & Bins (preliminary) FHB 18-10-46 [pencil on paper]	995x700
5-5946B	Frame 5 Ton Gantry Crane, WWB 28-7-47 [pencil on paper]	940x680
5-5945	5 Ton Gantry Crane, WWB 31-3-48 [pencil on paper]	925x685

Drawings marked with * not scanned.

Drawer 3

5-8670-5-7035

5-8670	Arrangement of Electric Hoist [Gantry] JMM, ND [pencil on paper]	1020x705
5-8666A	Scissors Hook Small Size (approved Marine Dept 21-11-61), DGT [pencil on paper – bad silverfish]	1000x695
5-8665B	Scissors Hook Medium Size (approved Marine Dept 21-11-61), DGT [pencil on paper]	975x690
5-8664	Flue Layout Greenlane Hospital Auckland, GJ Corbett, ND [pencil on paper]	935x720
5-8625	27"x28¾" Two Roll Clay Crusher GA, RDE, ND [pencil & ink on paper]	965x710
5-8588	21x12 Crusher Frame, WE White, chkd VC, 30-7-56 [dieline print]	1010x680
5-8587	21"x12" Crusher GA, WE White, chkd FFG, 25-7-56 [photostat]	1000x675
5-8562A	3 Ton Battery Loco Frame [M8656 ACC 2ft gauge] FHB 30-8-51 [pencil on paper – torn]	1010x685
5-8537	3 Ton Battery Loco GA [M8656 ACC 2ft gauge] R Unsworth ND [pencil on paper]	1020x705
5-8493	Prefab Houses (cnr Roberts St & Prieo Ave) Tararu, Preliminary Layout, GJC, ND [pencil on paper]	1080x740
5-8474A	Tahuna Quarry Drive Unit & Screen Frame Nos 4& 15, RDB 21-9-51 [pencil & ink on paper]	1025x650
5-8428A	Tahuna Quarry Layout No15 Conveyor No4 Screen & No6 Crusher, RDB ND [pencil & ink on paper – torn]	1060x750
5-8408A	Layout for Pre-Fab Houses Tararu (Tararu Rd) GJ Corbett, ND [pencil & ink on paper – torn]	1030x715
5-8398	Control Layout 6½ Ton 24" Gauge Diesel Loco [M7900 type Da SCM Ohai] RDB 24-7-51 [pencil & ink on paper]	995x645
5-8334A*	Bed Casting Chipper End 54" 10 Knife Chipper, RDB 2-7-51 [pencil & ink on paper]	960x700
5-8309*	Ingot Casting Machine Frame, GJ Corbett, ND [pencil on paper]	980x710
5-8284	Petrol Driven Hoist Hand Operated Slewing ½ Ton 17ft Rad Jib Crane (preliminary) FHB 18-5-51 [pencil on paper]	965x745
5-8256A	36"x24" Single Roll Crusher Layout (Glen Afton) FHB 17-4-51 [pencil & ink on paper]	1000x705
5-8223A	Main Frame 24" Gauge 6½ Ton Diesel Loco [M7900 type Da SCM Ohai] RDB ND [pencil & ink on paper]	1020x675
5-8151	(Nickel) Brickwork Arrgt Birlec Electromelt S Type Furnace [Birlec AA1108] EM, ND [pencil on paper]	995x675
5-8119A	Ingot Casting Machine Head End Layout (preliminary sketch) FHB 1-2-51 [pencil on paper]	1060x760
5-8094	GA 75 HP Boiler Steel Frame, GJ Corbett, ND [pencil on paper]	1005x710
5-8078	50 HP Semi Portable Type Casing, ND [pencil on paper]	1045x660
5-8077A	Std 50 HP Semi Portable Frame Layout, GJ Corbett, ND [pencil on paper]	1000x650
5-8009	A&G Price Locomotive List (supersedes 4-8009) CJL, chkd VC 14-10-59 [ink on paper]	1020x685
5-7983	Oil Burning Annealing Furnace Brickwork & Piping Layout, GJ Corbett 18-6-51 [pencil on paper]	1070x670
5-7920	Loading Truck for Cement in Paper Bags (preliminary) [Wilson's Portland Cement?] FHB 14-12-50 [pencil on paper]	950x710
5-7911	175 HP Single Drum Hauler GA, RDB, ND [pencil on paper]	995x670
5-7885*	Low Head Vibrating Screen No2 Mechanism Assembly (Allis Chalmers) E Mak 17-10-50 [pencil & ink on paper]	1040x690
5-7873*	10 Knife Chipper 54" Bed Castings, ND [photostat]	970x685
5-7872*	10 Knife Chipper 54" Roller Bearing Assembly Spout End, DAT, ND [photostat]	970x680
5-7865	GA 6½ Ton Diesel Loco [M7900 type Da SCM Ohai] RDB ND [pencil & ink on paper]	1005x660
5-7762A*	Irregular Seaming Machine Frame, RDB, ND [pencil on paper]	1000x680
5-7760*	Irregular Seaming Machine Operating Cam, ND [photostat]	1100x670
5-7759*	Irregular Seaming Machine Outer Ring Bevel Gear, 7-8-50 [photostat]	710x725
5-7758*	Irregular Seaming Machine Inner Ring Bevel Gear, 7-8-50 [photostat]	685x700
5-7757*	Irregular Seaming Machine GA, RDB 31-8-50 [pencil on paper]	870x695

5-7748D	14.7 HP Boiler, FHB 27-7-50 [pencil on paper]	1025×700
5-7702A	Standard 50 HP Boiler (approved Marine Dept 19-12-51), FHB [pencil on paper]	995×720
5-7700	75 HP Boiler 120 psi, FHB 24-8-50 [pencil on paper]	1020×685
5-7620	8 Ton Battery Locomotive Gear Case (Order No M5072 PWD – GE Drg) [photostat]	945×635
5-7594	8 Ton Battery Locomotive Layout Excluding Battery (Order No M5072, layout 3-7593) JMD 26-2-51 [pencil on paper]	1080×725
5-7583	Supporting Frame Layout for Conveyors 9 & 11 Tahuna Crushing & Screening Plant, RDB, ND [pencil on paper]	1055×710
5-7567A	No.13 Belt Conveyor Supporting Layout Tahuna Crushing & Screening Plant, RDB, 30-5-50 [pencil on paper]	990×635
5-7560	36" Rotary Screen Arrangement Tahuna Crushing & Screening Plant, FHB, 17-5-50 [pencil on paper]	1040×675
5-7554	36" Rotary Screen Inlet End Layout & Drive, FHB 5-5-50 [pencil on paper]	980×710
5-7551	12 & 14 Screen Supporting Frame Layout Tahuna Crushing & Screening Plant, RD Roll (?), ND [pencil on paper]	1000×675
5-7541	Oil Burning Furnace Frame, GJ Corbett, ND [pencil on paper]	1085×690
5-7540A	[part]*(Oil Furnace, part, note) [xerox]	330×215
5-7540A	GA of Oil Furnace, GJ Corbett, ND [pencil on paper]	1040×680
5-7219	Works Plan (supersedes 174E, superseded by 5-14018) RDB, ND [pencil on paper]	860×655
5-7219[2]*	Works Plan (supersedes 174E, superseded by 5-14018) RDB, ND [photostat]	855×645
5-7510	Model 90 Grader Conversion Layout (preliminary sketch) FHB 12-4-50 [pencil on paper]	1045×700
5-7506	Frame 18" Trav Recip Plate Feeder, WWB 29-9-49 [pencil on paper]	1010×640
5-7502	Kiln Load Traverser (Henderson & Pollard) FHB 26-5-50 [pencil on paper]	890×715
5-7495	GA 24" Chip Belt Conveyor (based on NZFP drg 8-6402) HV Levy, ND [pencil on paper]	990×670
5-7420	Layout Road Grader (proposed 50 & 70 HP road graders) HV Levy, ND [pencil on paper]	1310×665
5-7386	Log Skid Winch Main Drum, FHB 1-12-49 [pencil on paper]	980×680
5-7364A	6'-0"×2'-0" Rotary Screen Frame, GJ Corbett, ND [pencil on paper]	980×705
5-7354	21"×10" Crusher Roller Bearing Type Body, FHB, ND [pencil on paper]	975×725
5-7352	100 HP Boiler Steel Frame (superseded by 4-8963), FHB, ND [pencil on paper]	985×690
5-7343	9×16 & 10×21 Pegson-Telsmith (UK) Roller Bearing Crusher, trcd RJC, ND [pencil on paper]	950×705
5-7336D	100 HP Multitubular Boiler (approved by Marine Dept 18-2-50) GJC [pencil on paper]	1000×695
5-7326A	Steel Frame 75 & 85 HP Boiler (superseded by 4-8964) FHB, ND [pencil on paper]	990×695
5-7324G	75 HP Multitubular Boiler, FHB 17-11-49 [pencil on paper]	1000×695
5-7308C	100 HP Boiler 120 LBS, FHB 4-11-49 [pencil on paper]	1000×695
5-7306A	6ft×2ft Rotary Screen, FHB 3-10-49 [pencil on paper]	980×700
5-7302	8 Ton Diesel Locomotive Bonnet Arrangement [MOW Rimutaka?] FHB 27-9-49 [pencil on paper]	995×710
5-7273A	150 HP Electric Haulage Winch (preliminary drawing) FHB 16-9-49 [pencil on paper]	1020×720
5-7232	29 Ton Diesel Locomotive (0-6-0, Crossley engine, preliminary drawing) FHB 23-1-50 [photostat]	960×690
5-7210	Pacific Bench Headblock Layout, trcd RDB 23-8-49 [pencil on paper]	960×670
5-7202	Pacific Bench GA of Feed Works (Henderson & Pollard, etc), WWM 27-9-49 [pencil on paper]	995×700
5-7184B	Pacific Bench Power Receder, FHB, ND [pencil on paper]	910×745
5-7172	21×10 Stone Crusher, Roller Bearing Type (preliminary drawing) FHB 22-8-49 [pencil on paper]	995×735
5-7142	21×14 Stone Crusher, FHB, ND [pencil on paper]	970×700
5-7098B	85 HP Multitubular Boiler (150psi) FHB 20-6-49 [pencil on paper]	980×690
5-7076	Pacific Bench Headblock Castings, FHB 8-6-49 [pencil on paper]	910×690
5-7064	35 HP Mining Type Winch Arrangement (preliminary plan, for quote) RDB 13-6-49	955×705
5-7059*	24" Belt Conveyor, Loading Chute – Cross Conveyor, WWB 19-8-49 [pencil on paper]	995×685
5-7052*	24" Belt Conveyor (cross conveyor) Head Section – Frame, WWB, ND [pencil on paper]	970×695
5-7035	8 Ton Diesel Locomotive Control Arrangements [MOW Remutaka?] FHB 10-9-48 [pencil on paper]	975×705

Drawings marked with * not scanned.

Drawer 2**5-10474-5-8689**

5-9208*	1200 GPH Milk Pump Body – Plan & Section (superseded by 5-15248), Morgan, ND [ink on paper]	1005×705
5-8936	Standard 14" Ball Bearing Logging Block, RDB 5-9-52 [pencil & ink on paper]	975×710
5-10473	Assembly of Jack Shaft Bearing 15 Ton Diesel Shunting Tractor, R Unsworth, ND [ink on paper]	1015×705
5-10467	15 Ton Diesel Shunting Tractor Wheel Centre, A Mc, 14-12-61 [ink on paper]	1015×690
5-10074A*	Wood Preparation Plant Key Drg Conveyor No.22-4F, JWW 16-8-54 [ink on paper]	890×620
5-9704B	84" Swing Saws Steam Cylinder Assembly (Tasman), KPJ 10-9-70 [ink on paper]	1020×680
5-9203*	1200 GPH Homgenizer, KPJ 14-11-72 [ink on paper]	1015×680
5-9607	100 HP Boiler 150 PSI (for Putaruru Timber Yards), trcg EM, ND [pencil on paper]	1025×715
5-10474C	15 Ton Loco Jackshaft Bearing Housing, ELS 14-3-55 [ink on paper]	1010×705
X-5-10460	Axlebox, Hornguides and Spring – Plan, EQ 11-2-53 [pencil & ink on paper]	1005×715
5-10451	Arrangement of Drawgear 15 Ton Diesel Shunting Tractor, R Unsworth apprvd RJG, ND [pencil & ink on paper]	1015×705
5-10441	15 Ton Locomotive Horn Guides, RDB apprvd RJG 7-3-55 [pencil & ink on paper]	1000×705
5-10386	2¼ Ton Non Reverse Capstan, E Morgan, ND [ink on paper]	920×700
5-10375A	30 cwt Reverse Capstan (Timaru H Board) E Morgan trcd JWW 7-2-55 [ink on paper]	1035×705
5-10237*	Wood Preparation Plant Drilling Details 5A & 5B, JWW, ND [ink on paper]	840×595
5-10218	30 cwt Reversing Capstan, E Morgan, 30-9-54 [ink on paper]	1025×710
5-10185AB*	Frame – Main Winch (layout 4-10040A), E Morgan, ND [ink on paper]	1010×705
5-10159*	Drilling Details for R.C. Conveyor 4A & 4B (F.M.R. P. O.No.0289) CFC trcd ES, ND [ink on paper]	880×520
5-10120*	Prefab. Rotor "Johnson" Impact Breaker, E Morgan chkd ELS, ND [ink on paper]	1020×695
5-10080*	Wood Preparation Plant Key Dwg Conveyor 7A & 7B, JWW 4-10-54 [ink on paper]	960×610
5-10079*	R.C. Conveyor 6B & 6C (F.M.R. P. O.No.0204), ND [ink on paper]	895×590
5-10076*	Wood Preparation Plant Key Dwg 5A & 5B (F.M.R. P. O.No.0289), JWW 13-9-54 [ink on paper]	935×615
5-10075A*	Wood Preparation Plant Key Drg for Convr 4G & 4H (F.M.R. P. O.No.0392), JWW chkd ELS 23-8-54 [ink on paper]	905×630
5-10073*	Wood Preparation Plant Key Drg Convr 22-4C, 4D & 4E (F.M.R. P. O.No.0289), JWW 2-8-54 [ink on paper]	910×635
5-10072A*	Wood Preparation Plant Key Drg Conveyor 4A & 4B, JWW chkd ELS 31-8-54 [ink on paper]	900×615
5-10042*	14" Conveyor Belt General Arrangement (preliminary drawing only), GJ Corbett chkd ELS, ND [ink on paper]	945×660
5-9996*	Skids for Apron Feeder Drg 5-9975, CFC chkd EQ, ND [ink on paper]	885×690
5-9962	Tasman Pulp & Paper 84" Dia Swing Saw Steam Cylinder Details, RTP 7-2-69 [ink on paper]	1020×690
5-9910	Standard 20° 30" Belt Trough Training Idler Assy, Morgan chkd ELS, ND [ink on paper]	1055×740
5-9887	21"×21" Hammer Mill (preliminary only) R Unsworth chkd ELS, ND [ink on paper]	1050×745
5-9886A	General Arrangement Proposed Pacific Bench (preliminary plan) RDB chkd ELS 30-4-54 [ink on paper]	1030×710
5-9882	15 Ton Diesel-Mechanical Shunting Tractor (NZGR) R Unsworth, designed & chkd ELS, ND [pencil on paper]	1075×745
5-9881	Preliminary Layout 10 Ton Diesel-Mechanical Shunting Tractor (NZGR) ELS, chkd RU 26-4-54 [pencil on paper]	1080×700
5-9879*	Overhead Bucket Conveyor Proposed Trolley Arrangement, Morgan chkd ELS, ND [pencil on paper]	970×685
5-9838*	Framework for Roll Case Conveyor 22-4F (F.M.R. P.O. No.0392) R Unsworth chkd ELS, ND [pencil & ink on paper]	1020×685
5-9836*	Framework for Roll Case Conveyors 22-4G & 22-4H (F.M.R. P.O. No.0392) R Unsworth, ELS, ND [pencil & ink on paper]	1025×705
5-9834*	Wood Preparation Plant Log Back Stop For Sorting Deck 1C & 2C, RDB 25-3-54 [pencil & ink on paper]	985×645
5-9830*	Outrigger Frame for FMR Digesters, Morgan, ND [pencil on paper]	1020×730
5-9827A	14.7 HP Boiler for using Low Tensile American Plate, Morgan 22-3-54 [pencil on paper]	1035×720
5-9826*	Proposed Balance Beam Arrgt Fletcher-Merritt-Raymond, CRP, ND [pencil on paper]	835×685
5-9775*	30" Apron Feeder, Morgan, ND [pencil & ink on paper]	965×630
5-9752*	Framework for Roll Case Conveyor 4-D & 4-E, R Unsworth chkd ELS, 31-7-54 [pencil & ink on paper]	1020×685
5-9750*	Framework for RC Conveyor 6b & 6C (F.M.R. P.O. No.0204) CFC, ND [ink on paper]	1020×675
5-9749B*	Wood Preparation Plant Skids for Sorting Decks Nos 1B, 2B, 1C, 2C, RDB 22-3-54 [pencil & ink on paper]	995×650

5-9748*	Framework for Roll Case Conveyor 22-7A & 7B, R Unsworth, ND [pencil on paper]	1025×695
5-9747B*	Wood Preparation Plant Skid for Sorting Decks 1A and 2A, RDB 19-3-54 [pencil & ink on paper]	995×645
5-9735*	Conveyor No 4C Rollcase Frame, RDB chkd CFC, ND [pencil & ink on paper]	960×630
5-9734*	Wood Preparation Plant Rollcase Frame for Conveyor 5A & 5B, JWW, ND [ink on paper]	980×670
5-9730*	Framework for Rollcase Conveyors 22-4A & 22-4B (FMR PO No.0289) R Unsworth ckd ELS, ND [ink on paper]	1020×700
5-9728A*	Transfer Decks 4, 5, 6 Skid, RDB trcd 11-2-54 [ink on paper]	1030×685
5-9704A	Steam Cylinder Ass 84" Swing Saws, CRO chkd ELS, 27-1-54 [ink on paper]	1025×700
5-9703	General Arrangement 84" Swing Saw, R Unsworth ckd ELS, ND [ink on paper]	1020×685
5-9701A	30"×18" Crusher General Layout, WE White, 12-12-57 [ink on paper]	1015×685
5-9701	30×18 Crusher Layout, Morgan, ND [ink on paper]	1015×700
5-9682	Petrol-Driven 2" Self-Priming Centrifugal Pump, RDB 14-1-54 [ink on paper]	1085×650
5-9653	Proposals for Standard Highways Bridges NZ Class 2, 3 & 4, trcd Morgan, ND [pencil on paper]	1020×665
5-9539	Control Layout Two Drum Tractor Hoist, RDB 1-10-53 [pencil & ink on paper]	1220×735
5-9523	Standard 50 HP Boiler, GJ Corbett 21-9-53 [pencil & ink on paper]	970×705
5-9494	Case Two Drum Tractor Hoist, RDB, ND [pencil & ink on paper]	1230×730
5-9470	Incinerator/Boiler Steelwork Putaruru Timberyards Ltd, R Unsworth, ND [pencil on paper]	990×705
5-9438	Price Two Drum Tractor Hoist Sections Thro 1st & 2nd Speed Shafts, RDB, ND [pencil & ink on paper]	980×660
5-9437	Price Two Drum Tractor Hoist Sections Thro Clutch & Drum Shafts, RDB, ND [pencil & ink on paper]	1075×660
5-9368B	Katikati Co-op Dairy Arrgt of Bucket Elevator, JMM, ND [pencil on paper]	985×710
5-9358	Katikati Co-op Dairy Co Coal Storage Hopper, JMM, ND [pencil on paper]	980×715
5-9349	HD5 Angledozer Blade (preliminary only) JMM, ND [pencil on paper]	960×690
5-9338B	Details of Arch, R Unsworth, ND [pencil on paper]	975×710
5-9332A	Details of Fender Logging Arch, R Unsworth, ND [pencil on paper]	990×700
5-9331A	Details of Boom Logging Arch, R Unsworth, ND [pencil on paper]	990×700
5-9328	Case – Brake Section Price One Drum Tractor Winch, RDB 16-6-53 [pencil & ink on paper]	925×670
5-9326	Case – Gear Section Price One Drum Tractor Winch, RDB 9-6-53 [pencil & ink on paper]	955×635
5-9315	Modified Bush Loco Using Field Marshall Tractor, JMM, ND [pencil on paper]	865×680
5-9288	Price One Drum Tractor Winch Adapter & Drive Assembly, RDB 2-7-53 [pencil on paper]	955×650
5-9209*	1200 GPH Milk Pump Body Side & End Elevation (superseded by 5-15249), Morgan, ND [pencil on paper]	1000×685
5-9203*	Top Cover for 1200 GPH Homogenizer, JMM, ND [pencil on paper]	940×710
5-9135	1½ Ton Electric Winch, RDB 6-3-53 [pencil & ink on paper]	935×650
5-9126	Fabricated Angledozer Blade, JMM 26-2-53 [pencil & ink on paper]	1020×700
5-9024	Model 4-1 Logging Arch, R Unsworth, ND [pencil on paper]	990×700
5-9102A	Traverser Truck for 30 HP Log Skid Winch, RDB 9-12-53 [pencil & ink on paper]	980×670
5-8997	Body 21×10 Jaw Crusher, RDB 24-9-52 [pencil & ink on paper]	915×705
5-8866	Sylvia Park Works & Store Property, R Unsworth, ND [pencil on paper]	1025×720
5-8853	Standard 100 HP Boiler Plant Layout, R Unsworth, ND [pencil on paper]	960×685
5-8824	Proposed Steam to Diesel Locomotive Conversion (Auck Gas Co Peckett 0-4-0) RDB 12-6-52 [pencil & ink on paper]	1015×655
5-8820	Three Ring Type 100 HP Boiler 150 psi, JWS 23-4-52 [pencil on paper]	1015×705
5-8765A	Section Thro Drum Shaft, JMM 19-2-52 [pencil on paper]	1005×730
5-8764	Price One Drum Tractor Winch Section Thro Brake Shaft, RDB 19-2-52 [pencil on paper]	1005×680
5-8763	Price One Drum Tractor Winch Section Thro Bevel Shaft, RDB 19-2-52 [pencil on paper]	1025×665
5-8762A	Sectional Arrangement "Priceco" Tractor Winch, RDB, ND [pencil & ink on paper]	1000×725
5-8720	Price One Drum Tractor Winch, Winch Body, JMM 19-2-52 [pencil & ink on paper]	1050×730
5-8689B	Swinging Chip Screen (preliminary only) JMM 3-3-52 [pencil & ink on paper]	990×700
5-9600*	(fragment top left corner) [pencil & ink on paper]	125×135

Drawer 1

5-11422-5-10476

5-10476A Details Brake Block & Pin 15 Ton Diesel Shunting Tractor, R Unsworth, chkd Gard, mod c9-61 [pencil & ink on paper]	1015x715
5-11400 Model 4 Diesel Loco (20 Ton) GA Sht 2 Centreline Section, GWA, 15-7-58 [ink on paper]	1015x685
5-11400[2]* Model 4 Diesel Loco (20 Ton) GA Sht 2 Centreline Section, GWA, 15-7-58 [photostat]	1015x685
5-11399 20 Ton Loco, Assembly of Engine & Speed Change Gearbox Bearers, Gard, mod 14-6-57 [pencil & ink on paper]	1050x720
5-11398 20 Ton Loco, Engine & Speed Change Gearbox Bearers, chckd Gard, 8-2-57 [pencil & ink on paper]	1045x700
5-11377 20 Ton Diesel Loco, Assembly of Air Brake System, TWL, DJG, chkd VC, 8-2-57, [ink on film]	1020x685
5-11349 20 Ton Diesel Loco Arrgt of Handbrake System, TWL, appvd Gard, 5-9-56 [pencil & ink on paper]	1005x715
5-11349C 20 Ton Diesel Loco Assembly of Handbrake System, TWL, DJG, chkd VC, 6-2-57 [ink on film]	1020x690
5-11349C[2]* 20 Ton Diesel Loco Assembly of Handbrake System, TWL, DJG, chkd VC, 6-2-57 [photostat]	1020x690
5-11343F20 Ton Diesel Loco Wheel Centre & Tyre, GWA, chkd VC & Gard, 30-4-59 [ink on paper]	1020x685
5-11343D 20 Ton Diesel Loco Wheel Centre & Tyre, apprvd Gard, 28-8-56 [pencil & ink on paper]	1010x705
5-11331 20 Ton Loco, Arrgt of Dual Controls, chckd Gard 3-9-57 [pencil & ink on paper]	1010x685
5-11322 Hornguide Blocks, Spring Supports & Framestay Unit, apprvd Gard 29-6-56 [pencil & ink on paper]	1015x705
5-11312 Assembly Wheels & Axles, Crankpin Washer & Nut 20 Ton Loco, TWL, appvd Gard 31-5-56 [pencil & ink on paper]	1010x715
5-11309 20 Ton Loco Arrgt of Frame & Components, Gard 29-4-57 [pencil & ink on paper]	1035x695
5-11307 20 Ton Diesel Loco Axle Housing Assy, GWA 22-7-58 [ink on paper]	1015x685
5-11307[2]* 20 Ton Diesel Loco Axle Housing Assy, GWA 22-7-58 [photostat]	1015x685
5-11307[3] Assembled Axle Bearing Box Spring Hornguide Stay Framestay Etc, apprvd Gard 11-7-56 [pencil & ink on paper]	1010x710
5-11305 Model 4 Diesel Loco (20 Ton) Arrgt of Dual Controls, GWA, 3-7-58 [ink on paper]	1015x685
5-11305[2]* Model 4 Diesel Loco (20 Ton) Arrgt of Dual Controls, GWA, 3-7-58 [photostat]	1015x685
5-11301 20 Ton Loco Coupling Rod [cancelled stamp covered over], apprvd Gard, 28-12-55 [pencil & ink on paper]	1020x705
5-11300 20 Ton Loco Connecting Rod [cancelled stamp covered over], apprvd Gard, 28-12-55 [pencil & ink on paper]	1030x695
5-11285 Twin Overcut Trim Saw Table [top missing], JWW, 20-12-55 [ink on plastic]	1010x555
5-10611A Details of Daniel Adamson Boiler No.11237, JWW 8-5-54 [ink on paper]	985x660
5-11232* Digester [photostat]	1025x690
5-11221* 3-Drum Log-Loading Winch, JWW 3-11-55 [photostat]	990x740
5-11221[2] 3-Drum Log-Loading Winch, JWW 3-11-55 [reversed photostat]	990x740
5-11201 54 Cu Ft Side Tip Truck (2ft gauge) JWW 26-10-55 [reversed photostat]	1050x680
5-11183 (15 Ton Locomotive) Details of Cab Doors & Handrails, TWL, appvd Gard, 28-12-55 [pencil & ink on paper]	1010x710
5-11182A Details of Locomotive Engine Throttle Control (15 & 20 Ton), AWM chkd Gard 24-2-56 [pencil & ink on paper]	1015x715
5-11179 15 Ton Diesel Shunting Tractor Arrangement of Loco Dual Control, WEW chkd VC, [ink on linen]	1010x720
5-11178 Details Exhaust Elbow & Suggested Arrgt Exhaust Pipe to Silencer (10 Locos, K2669), AW Milne chkd Gard 14-12-55	1010x720
5-11177C Details of Locomotive Headlamps, TWL apprvd Gard, amended 8-5-57 [pencil & ink on paper]	705x705
5-11176 Fuel Tank Filling Pipe Shroud, Exhaust Pipe Flange, Posn & Fittings Pneuphonic Horn, AW Milne chkd Gard 5-12-55	1005x720
5-11175 Cab Floorboards (10 Locos, K2669), TWL chkd Gard 23-11-55 [pencil & ink on paper]	1010x710
5-11173A Fuel Tank Subframe, Fuel Filter Brkt, Tray over Batteries, Fuel & Oil Gauge Line Clips, AW Milne chkd Gard 21-11-55	1010x720
5-11170[LHS] Details of Cab Windows [drg cut in two], TWL chkd Gard 27-10-55 [ink on paper]	790x630
5-11170[RHS] Details of Cab Windows [drg cut in two], TWL chkd Gard 27-10-55 [ink on paper]	500x690
5-11170[LHS-2]* Details of Cab Windows [drg cut in two], TWL chkd Gard 27-10-55 [reversed photostat]	760x680
5-11170[RHS-2]* Details of Cab Windows [drg cut in two], TWL chkd Gard 27-10-55 [reversed photostat]	765x680
5-11164 15 Ton Locomotive Cab Assembly (ONo K2669), DJ Gregan, ND [pencil on paper]	1040x715
5-11128 2 Drum Single Shaft Electric Winch Drum & Clutch Assembly, E Morgan, ND [ink on paper]	1010x680

5-11083	Hickson's Timber Impregnation Co, Bolster – 10 Ton Bogie, E Morgan, ND [ink on paper]	900×730
5-11082	Hickson's Timber Impregnation Co, Bogie Frame – 10 Ton Bogie, E Morgan, ND [ink on paper]	1050×700
5-11072	4 Ton Reversing Capstan General Arrangement, E Morgan 26-4-56 [ink on paper]	990×730
5-11056A*	(NZ Wallboards) Chain Tensioner Frame, JWW 30-8-55 [ink on paper]	1010×715
5-11065B*	NZ Wallboards Dryer Gearbox Lubrication Layout, E Morgan, ND [ink on paper]	840×730
5-11040*	(NZ Wallboards) Dryer Gearbox Base, E Morgan, ND [ink on paper]	1025×710
5-11039B*	(NZ Wallboards) Dryer Gearbox Side, E Morgan, ND [ink on paper]	1090×750
5-11033	Log Loading Winch Control Gear, CF Cusack 21-9-55 [ink on paper]	830×690
5-11026	Log Loading Winch Canopy, CF Cusack 9-9-55 [ink on paper]	890×690
5-10998	Mines Department Endless Rope Haulage, JWW 24-8-55 [reversed photostat]	775×685
5-10990	2 Drum Winch, E Morgan, ND [ink on paper]	850×690
5-10970A	3-Drum Log-Loading Winch Arrangement of Secondary Drums, JWW 10-8-55 [ink on paper]	1045×710
5-10941	Hickson's Timber Impregnation Co, 10 Ton Bolster Bogie, E Morgan, ND [ink on paper]	1050×730
5-10929B*	NZ Wallboards Ltd Gearbox for Dryer, E Morgan, ND [ink on paper]	1100×730
5-10920	Boom Arrgt [truck-mounted log haulage tower], E Morgan, ND [ink on paper]	1110×750
5-10919	Winch Assembly Boom Hauler [truck-mounted log haulage tower], E Morgan, ND [ink on paper]	1120×700
5-10907	3-Drum Log-Loading Winch General Arrangement, CF Cusack 8-7-55 [dyeline print]	845×660
5-10906*	NZ Wallboards Automatic Chain Tensioner, JWW 11-7-55 [ink on paper]	1110×715
5-10900*	Swivel Head for Drilling Machine Swivel Head Box Machining Details, JWW 4-7-55 [ink on paper]	1025×710
5-10876*	3'-0"×12'-0" Apron Feeder, 25-5-55 [photostat]	980×730
5-10876[2]*	3'-0"×12'-0" Apron Feeder, 25-5-55 [photostat]	980×730
5-10875	150 LB Double Flue Boiler (Boiler No.11239, D Adamson Drg 47292A), CF Cusack 16-6-55 [photostat]	1030×710
5-10873	150 LB 2-Flue Boiler (From D.A. & Co Drg 47238A), JWW 14-6-55 [photostat]	965×710
5-10813	3 Drum Log Hauler (Ellis & Burnand) General Arrangement, CF Cusack 25-5-55 [photostat]	1020×710
5-10779	Proposed 7½ Ton Gantry Crane for Taupo T Timber Coy Putaruru, CF Cusack, ND [ink on paper]	1030×690
5-10761	AHB Aux Winch Hand Wind Clutch Opp Arrgt, E Morgan, ND [ink on paper]	1035×705
5-10752	State Forest Service Westminster Undercarriage for 1025 Log Hauler, JWW 12-5-55 [ink on paper]	930×555
5-10749	24×15 Crusher, E Morgan, ND [ink on paper]	1030×690
5-10744	Piako CC Tahuna Quarry Building, JWW 19-5-55 [photostat]	975×680
5-10675A	Frame 24×15 Crusher, E Morgan, ND [ink on paper]	1025×700
5-10657	Logging Arch for 95–132 Drawbar HP, CE Cusack, ND [ink on paper]	1030×690
5-10655	Fan Base & Ladder for DA Boiler No 11237, CE Cusack, ND [ink on paper]	975×700
5-10610	Daniel Adamson & Co Dukinfield Boiler No 11237, Drg No 47200A, 4-5-54 [ink on paper]	970×660
5-10609	50 HP 3 Ring 120 LB Boiler, JWW 24-2-55 [photostat]	985×700
5-10582	Logging Arch 90 HP Tractor & Larger, CE Cusack, ND [ink on paper]	985×690
5-10519C	15 Ton Diesel Shunting Tractor Details of Shunters & Footplate Steps, DJ Gregan chkd VC, 15-2-57 [ink on paper]	1010×685
5-10515	15 Ton Diesel Loco Fuel Tank, BLD chkd VC 15-10-68 [ink on paper]	1020×690
5-10515[2]*	15 Ton Diesel Loco Fuel Tank, BLD chkd VC 15-10-68 [photostat]	1020×690
5-10514	15 Ton Locomotive Engine Housing [hood], RJG 17-10-55 [pencil & ink on paper]	1350×730
5-10514[2]*	15 Ton Locomotive Engine Housing [hood], RJG 17-10-55 [photostat – very dark]	1350×730
5-10505	15 Ton Diesel Shunting Tractor Assembly of Frameplate Components (K2669), DJ Gregan chkd VC ND [ink on linen]	1030×745
5-10505[2]*	15 Ton Diesel Shunting Tractor Assembly of Frameplate Components (K2669), DJ Gregan chkd VC ND [print]	1030×745
5-10502A	Details of Engine Mountings for 0-4-0 Loco (K2669), LRJ apprvd RJG 4-8-55 [pencil & ink on paper]	960×645
5-10501	15 Ton Diesel Shunting Tractor Inst. Panel Frame (K2669), DJ Gregan 3-5-57 [ink on paper]	1015×685
5-10500B	Details of Jackshaft for 0-4-0 Loco, LRJ apprvd RJG 24-6-55 [pencil & ink on paper]	1000×670
5-10497	15 Ton Loco Bonnet Doors (supplied by Alex Harvey), AW Milne chkd RJG 14-10-55 [pencil & ink on paper]	1005×710

5-10496A (15T Loco) Details of Front Sandboxes & Cast Iron Sandbox Cover, LRJ apprvd RJG 10-6-55 [pencil & ink on paper]	1000×690
5-10494 15 Ton Diesel Shunting Tractor Brakework Details Sheet IV, DJ Gregan chkd VC ND [ink on linen]	1005×745
5-10492 15 Ton Loco Welding & Assembly Details of Brake Shafts, chkd RJG 20-5-55 [pencil & ink on paper]	1015×690
5-10488 15 Ton Loco Brakework Details Sheet III, apprvd RJG, ND [pencil & ink on paper]	1010×705
5-10486 (15 T Loco) Details of Drawgear Stays & Plate Slips, LRJ apprvd RJG 16-5-55 [pencil & ink on paper]	1010×685
5-10485 15 Ton Loco Brakework Details Sheet II, ELS, apprvd RJG, 16-5-55 [pencil & ink on paper]	1015×720
5-10484A 15 Ton Diesel Loco – Hand Brake Details, ELS apprvd RJG 9-5-55 [pencil & ink on paper]	1015×690
5-10483 15 Ton Loco – Brake Shafts, ELS apprvd RJG 6-5-55 [pencil & ink on paper]	1015×685
5-10482 15 Ton Loco Arrangement of Hand Brake Sheet I, ELS apprvd RJG 4-5-55 [pencil & ink on paper]	1015×650
5-10481 15 Ton Loco Arrangement of Brakework, KJC, ECO 2-9-69 [ink on paper]	1020×690
5-10481[2] 15 Ton Loco (Model 3) Arrangement of Brakework, DJ Gregan, chkd VC ND [ink on linen]	1035×730

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