

SECTION VII - APPENDIX

100 TON CARWHEEL BEARING MOUNTING PRESS

PARTS LIST

Use with Assembly Drawings as follows:

Assembly Drawing CBM 20758D
CBM 20770D
CBM 20771D
CBM 20778D

Electrical Wiring Diagram CBM 20776D
Schematic Piping CBM 20258D

(Recommended spares marked with *, *2 indicates two, *3 indicates three and so on)

Part No.	Name	Part No.	Name
1	Cylinder Beam	56 *	Switch
2	Cylinder Beam	57 *	Switch
4	Ram		
5	Gland		
6	Cap	61	Flange
8	Ring	62	Bolt
		63	Bolt
		65	Plug
25	Bearing	66	Ring (Retaining, Internal
28 *2	O Ring (Nitrile, 70 Duro- meter, 5-1/4 ID x 1/8W)		Series 5000, No. N5000- 550, Waldes)
	Washer (Leather, Back up, 5-1/2 OD x 5-1/4 ID x 1/16 thick)	74 *	Packing
		75	Manifold
34	Ring	76	Valve
		77	Flange
38	Shaft	78	Flange
39	Bushing (Plain, Bronze Cat. No. M2432-20 Boston Gear)	79 *	O Ring (Nitrile, 70 Dur., 1-3/4 ID x 1/8 W)
41	Bolt	80	Bolt
42	Bolt	82	Pipe
43	Valve	83	Pipe
44 *	O Ring (Nitrile, 70 Duro- meter, 6" ID x 1/8 W)	84	Pipe
45 *	Washer (Leather, Back-up 6-1/4 OD x 6" ID x 1/16 thk)	85	Pipe

SECTION VII - APPENDIX (cont'd)

100 TO CARWHEEL BEARING MOUNTING WSS

PARTS LIST (cont'd)

Part No.	Name	Part No.	Name
86	Pipe	134	Pipe
87	Pipe	135	Spring
88	Pipe	136	Clamp
89	Pipe		
90	Clamp		
91	Clamp		
92	Clamp		
93	Ell	202	Pad
94	Ell	203	Plate
95	Adapter	204	Channel
96 *	Hose		
97	Adapter	799	Plate
98 *	Hose		
99	Ell	1001	Liner
100	Ell		
101	Bolt		
103	Strip	1101	Face
104	Ram	1102	Sleeve
105	Bearing	1103	Sleeve
106	Bearing	1104	Sleeve
107	Head	1105	Sleeve
108	Rod	1106	Sleeve
109	Plug	1107	Collar
110	Pin	1108	Collar
111	Bracket	1109	Collar
112	Bracket	1110	Collar
113	Pipe	1111	Collar
114	Bar	1112	Collar
115	Tube		
116	Bar		
117	Tube	2201A	Reservoir
118	Washer	2201B	Pump
119	Washer	2201C	Filter
120	Washer	2201CA *	Filter Element
121	Wedge	2201D	Coupling
122	Washer	2201E	Guard
123	Wedge	2201F	Motor
124	Valve	2201G	Valve
125	Valve	2201H	Heater
126	Valve	2201J	Filter
127	T	2201JA *	Filter Element
128	Connector	2201K	Valve
129	Connector	2201L	Valve
130	Union	2201M	Valve
		2201N	Valve
		2201P	Valve
		2201Q	Gauge
		2201R	Gauge
		2201S	Gauge
		2201T	Valve

SECTION VII - APPENDIX (cont'd)

100 TON C ARWHEEL BEARING MOUNTING PRESS

PARTS LIST (cont'd)

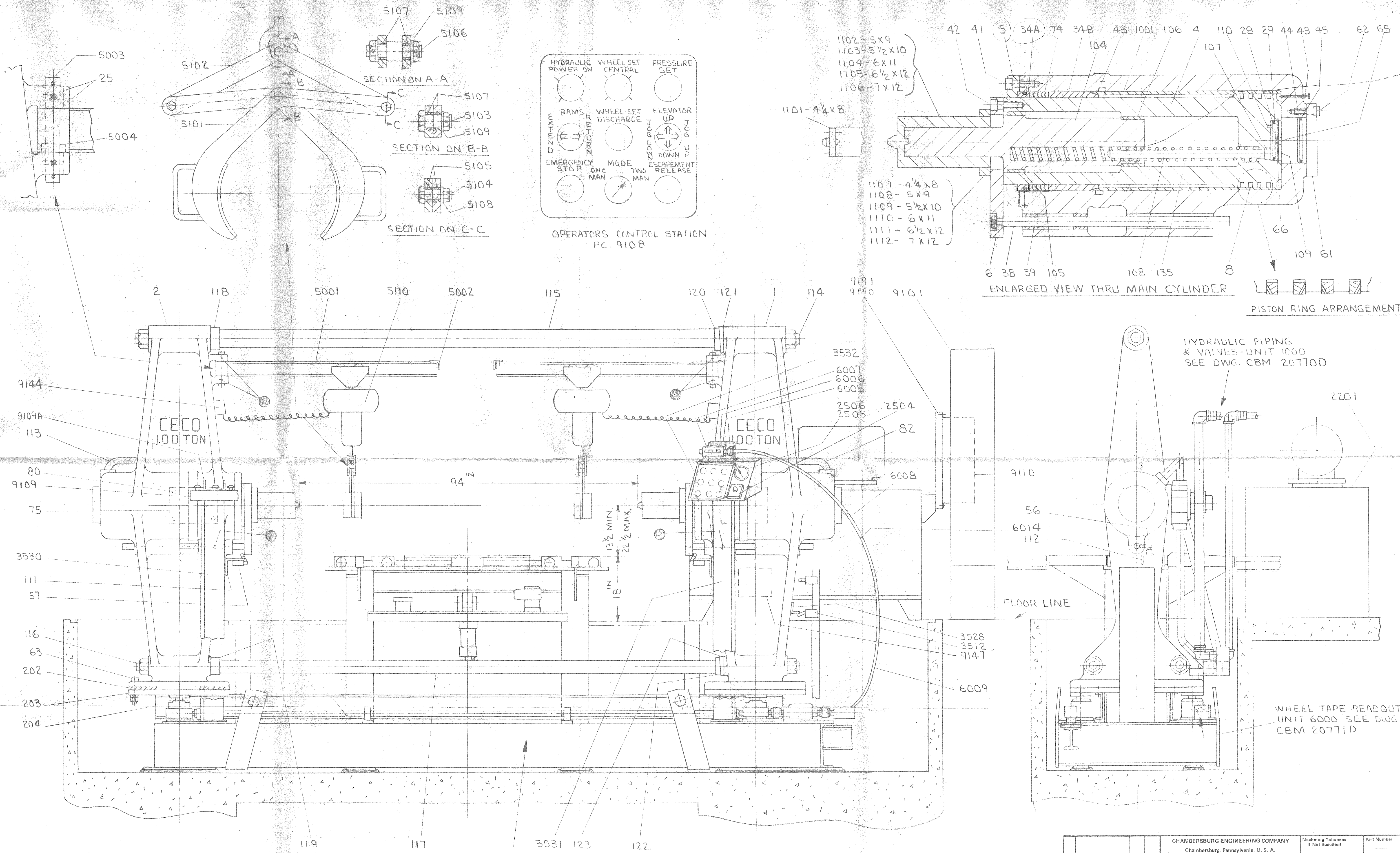
Part No.	Name	Part No.	
2501	Valve	3531	Station
2502	Valve	3532	Panel
2503	Valve	3533	Reducer
2504	Valve	3534	Hose (1/2 ID., SAE 100R5 Type)
2505	Valve		
2506	Gauge	3535	Hose (1/2 ID, SAE 100R5 Type)
2507	Connector	3536	Alemite
2508	Connector	3537	Feeder
2509	Reducer	3538	Feeder
2510	Connector	3539	Stud
2511	Valve	3540	
2512	El1	3541 *4	Cam Bearing (Camrol, CYR 2-1/2, McGill)
		3542	Shaft
		3543	Bracket
		3544	Switch
3501	Base	4101	Base
3503	Support	4102	Frame
3504	Bearing (Oil Impregnated, No. 2428-16, Boston Gear)	4103	Frame
		4104	Finger
		4105	Bearing (Oil Impregnated, No. 2428-12 Boston Gear)
3505	Dolly		
3506	Bearing (Cam Follower, No. CF-3-S, McGill)	4106	Bearing (Oil Impregnated No. B4048-32, Boston Gear)
3507	Plate	4107	Shaft
3508	Cover	4108	Shaft
3509	Plate	4109	Clevis
3510	Rod	4110	Cylinder
3511	Actuator	4111	Bracket
3512 *	Switch	4112	Switch
3513	Shaft	4113	Shock Absorber (Model ASA Extra Heavy duty No. ASA1-1/8-2BS-99, EPDYN)
3514	Spring		
3515	Valve		
3516	Regulator	4114	Gib
3517	Cylinder	4115	Gib
3518	Pin	4116	Gib
3519	Clevis	4117	Hose (1/2 ID, SAE 100R5 Type)
3520	Motor	4118	Valve
3521	Actuator	4119	Regulator
3522	Gear Box	4120	Clevis
3523	Gear Box	4121	Shaft
3524	Coupling	4122	Angle
3526	Connection	4123	Nipple
3527	Shaft	4124	Valve
3528	Actuator	4126	Reducer
3529	Pillowblock (No. RAKH, 1-3/8 Shaft, Fafnir)	4127	Bracket
		4128	Bracket
3530	Station	4129	Control
		4130 *	Relay (DPDT Plug-In Cat. No. 357505KH508A1 for PS800 Series MOD-U-RAY (LED) Device, General Electric)

SECTION VII - APPENDIX (cont'd)

100 TON CARWHEEL BEARING MOUNTING PRESS

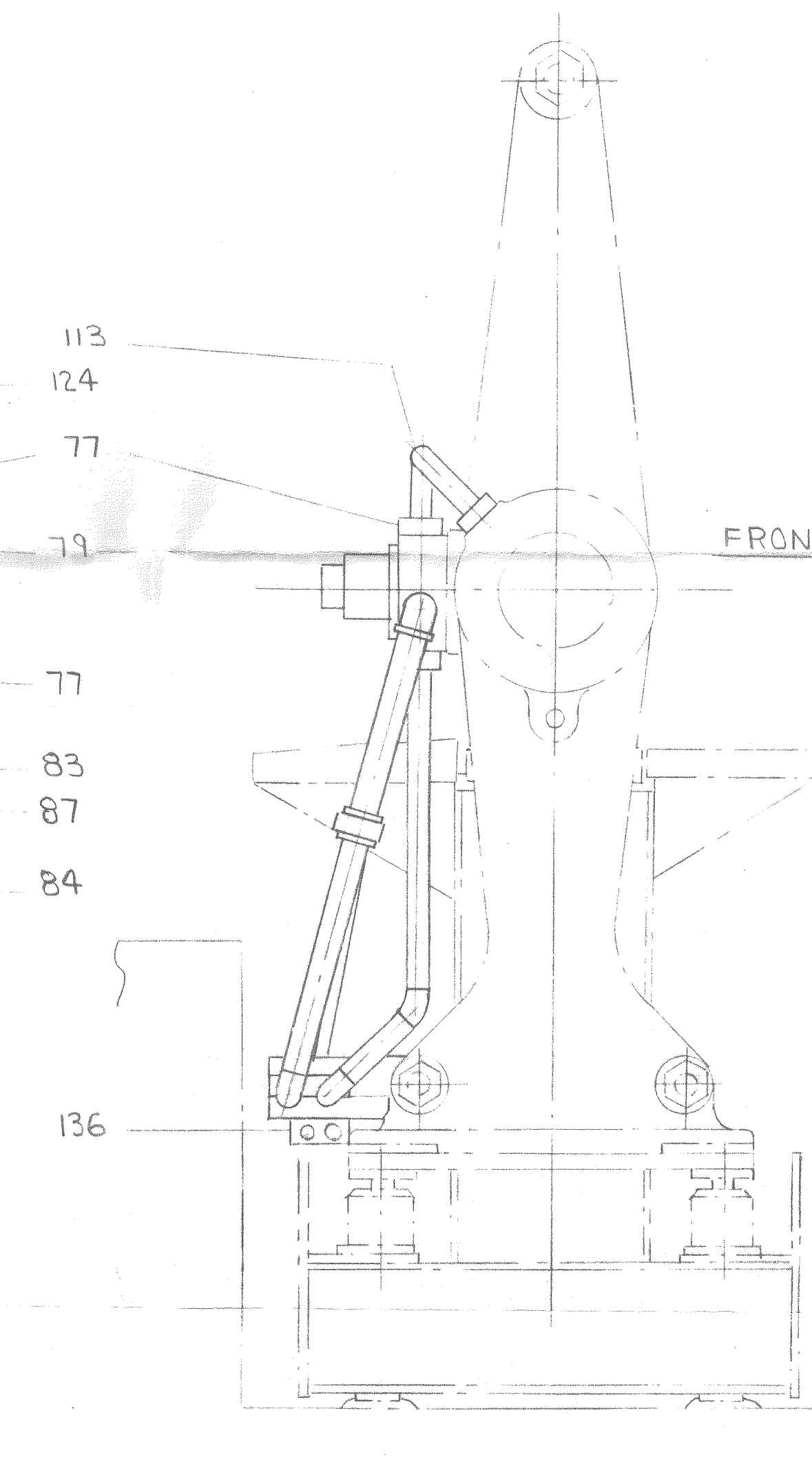
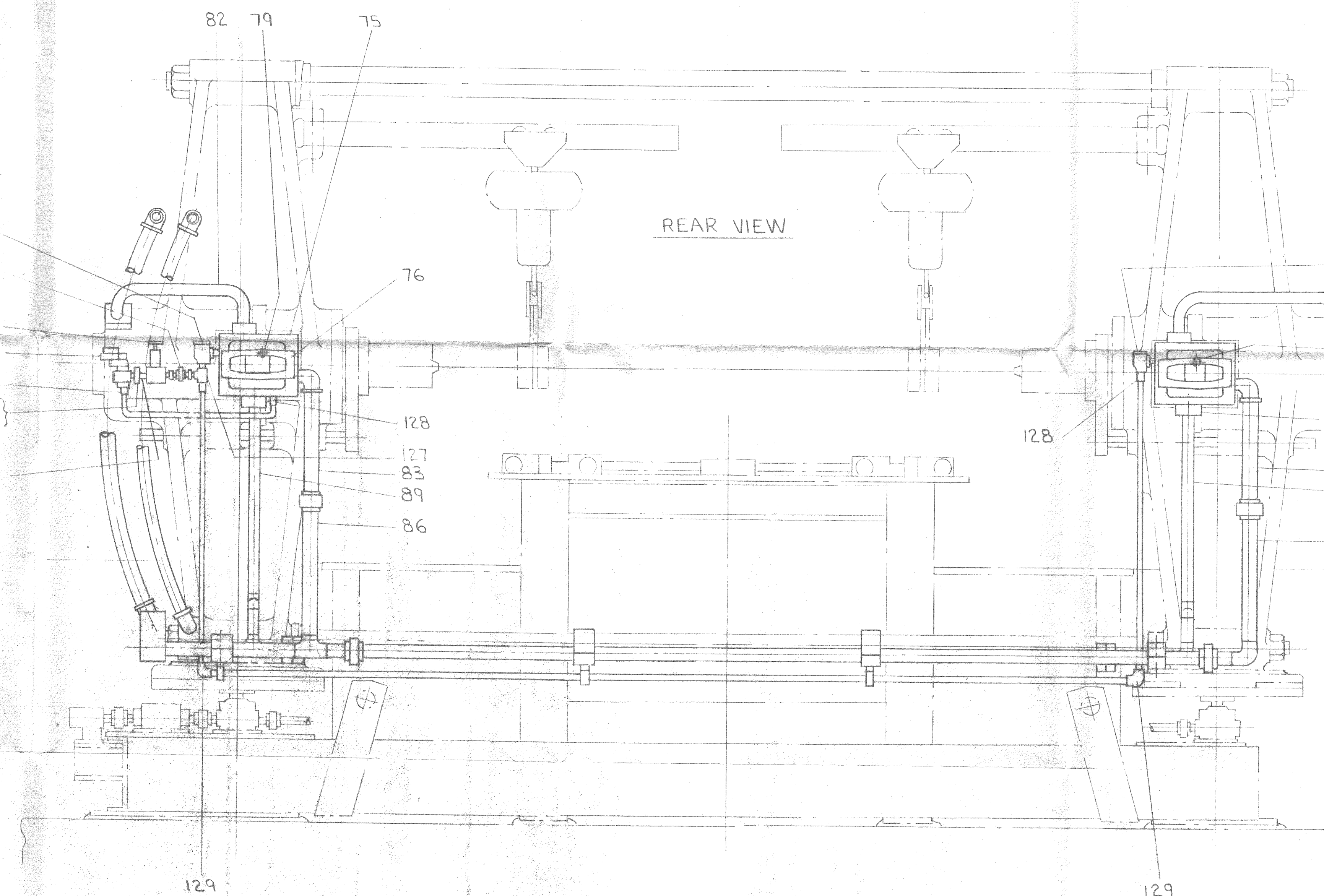
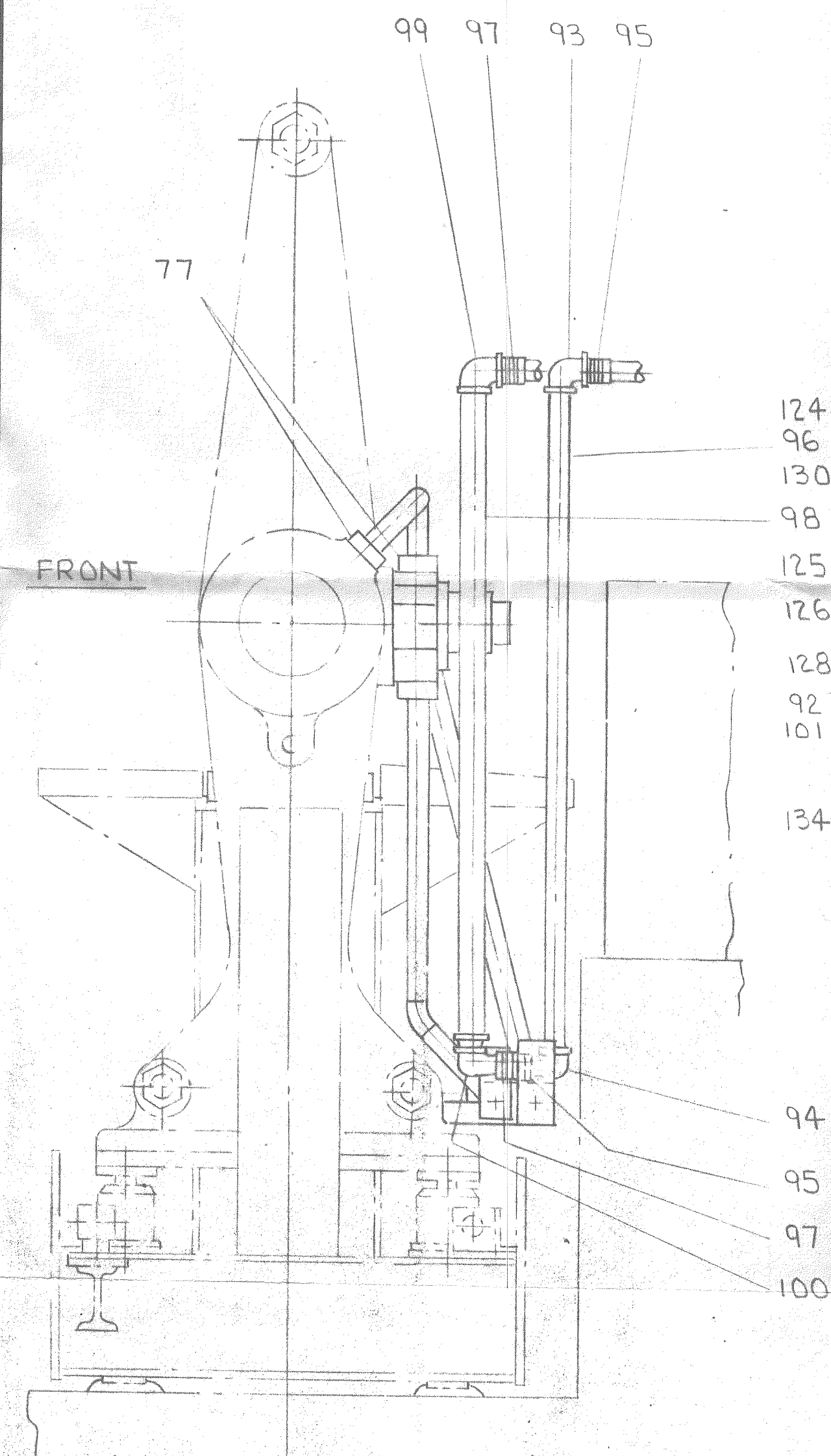
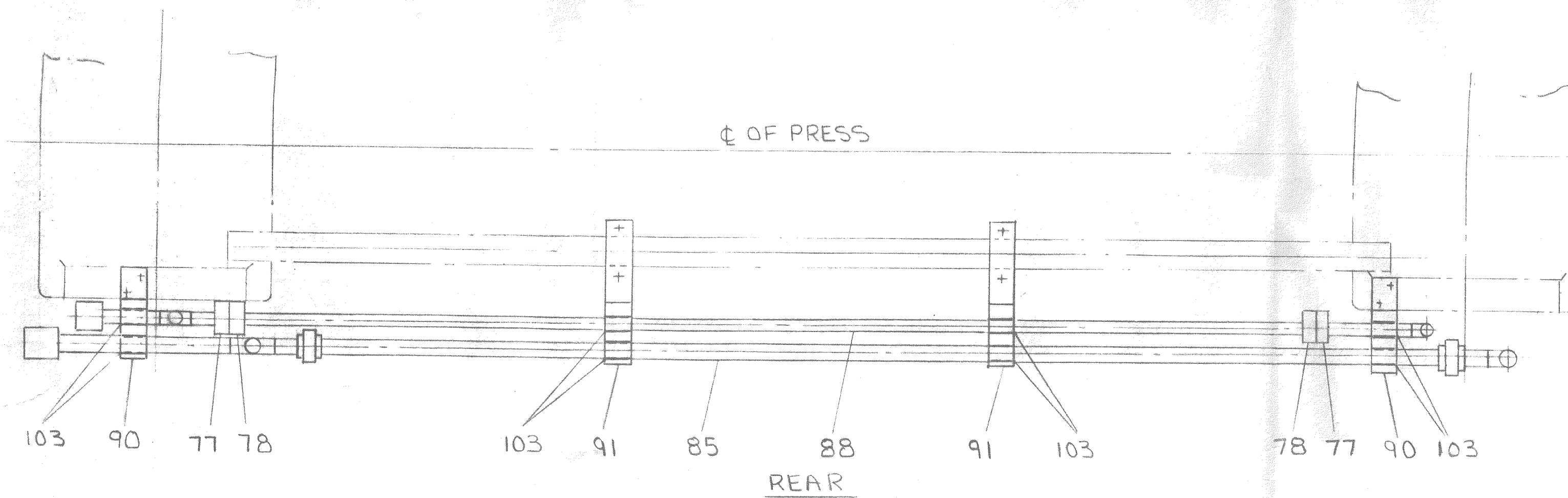
PARTS LIST (con'd)

Part No.	Name	Part No.	Name
5001	Crane	9101	Enclosure
5002	Stop	9102	Starter
5003	Shaft	9103	Transformer
5004	Bearing (Thrust, No. MRC-9B Marlin-Rockwell)	9104	Starter
		9105	Relay
		9106 *	Relay
		9107	Track
5101	Arm	9108	Enclosure
5102	Plate	9109	Enclosure
5103	Nut	9110	Enclosure
5104	Bolt	9111	Transformer
5105	Bushing	9112	Pushbutton
5106	Pin	9113	Pushbutton
5107	Bushing	9114	Switch
5108	Washer	9115	Pushbutton
5109	Washer	9116	Pushbutton
5110	Hoist	9117	Pushbutton
		9118	Pushbutton
		9119	Light
		9120	Name Plate
		9121	Name Plate
6001	Bracket	9122	Name Plate
6002	Clamp	9123 *	Fuse, Renewable, 600V, 80A, RJ
6003	Adapter	9124 *	Fuse, Renewable, 600V, 6A, RJ
6004	Guard	9125 *2.	Fuse, Renewable, 250V, 20A, RJ
6005	Clamp	9126 *	Fuse, Renewable, 250V, 10A, REN
6006	Bracket	9127 *4	Fuse, Fusetron, 240V, 1A, FRN1
6007	Counter		
6008	Shaft		
6009	Shaft		
6010	Pillow Block (Cat. No. SRP4, Boston Gear)		
6011	Spur Gear		
6012	Spur Gear		
6013	Shaft		
6014	Pin		
8901	Gun		

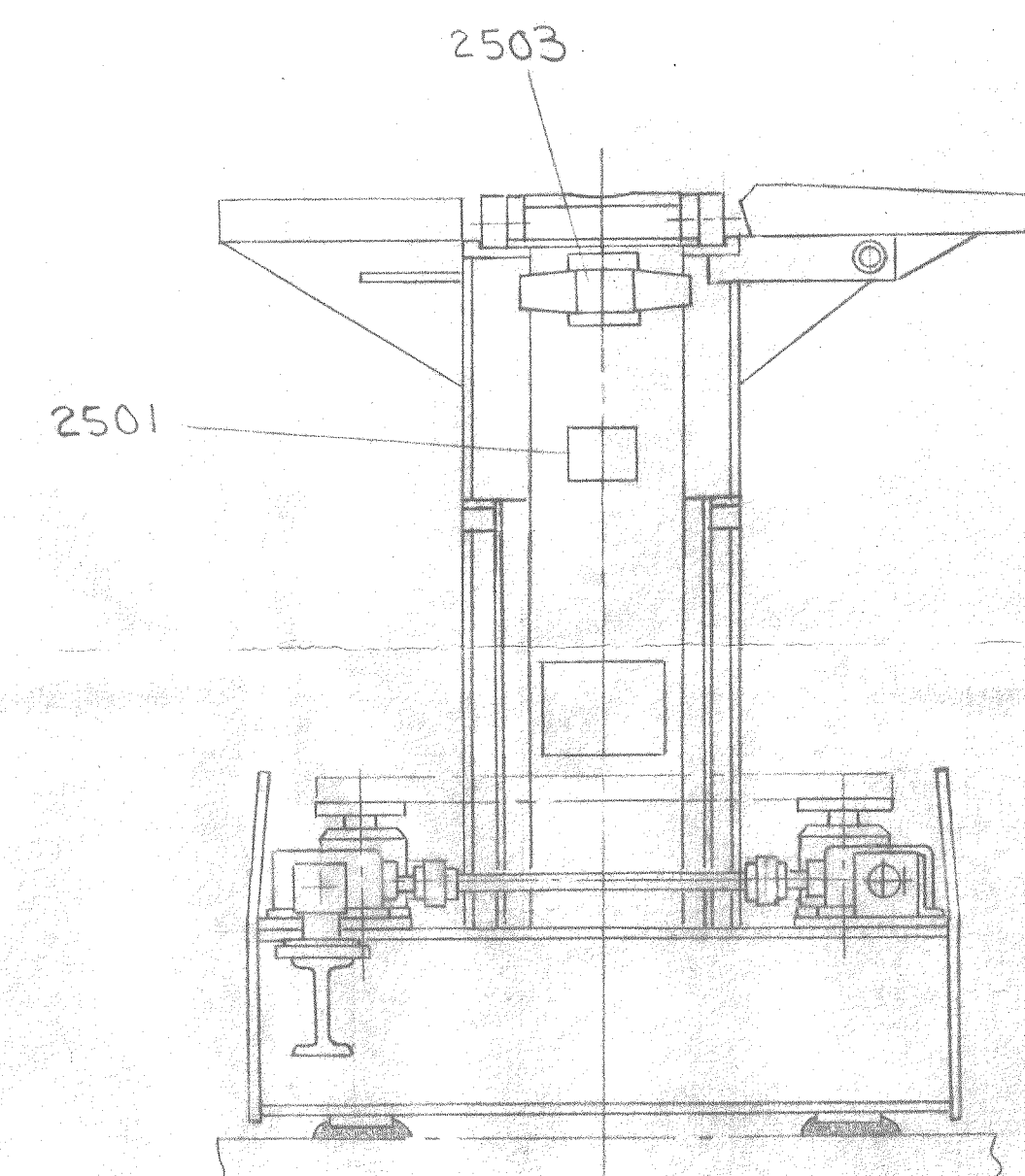
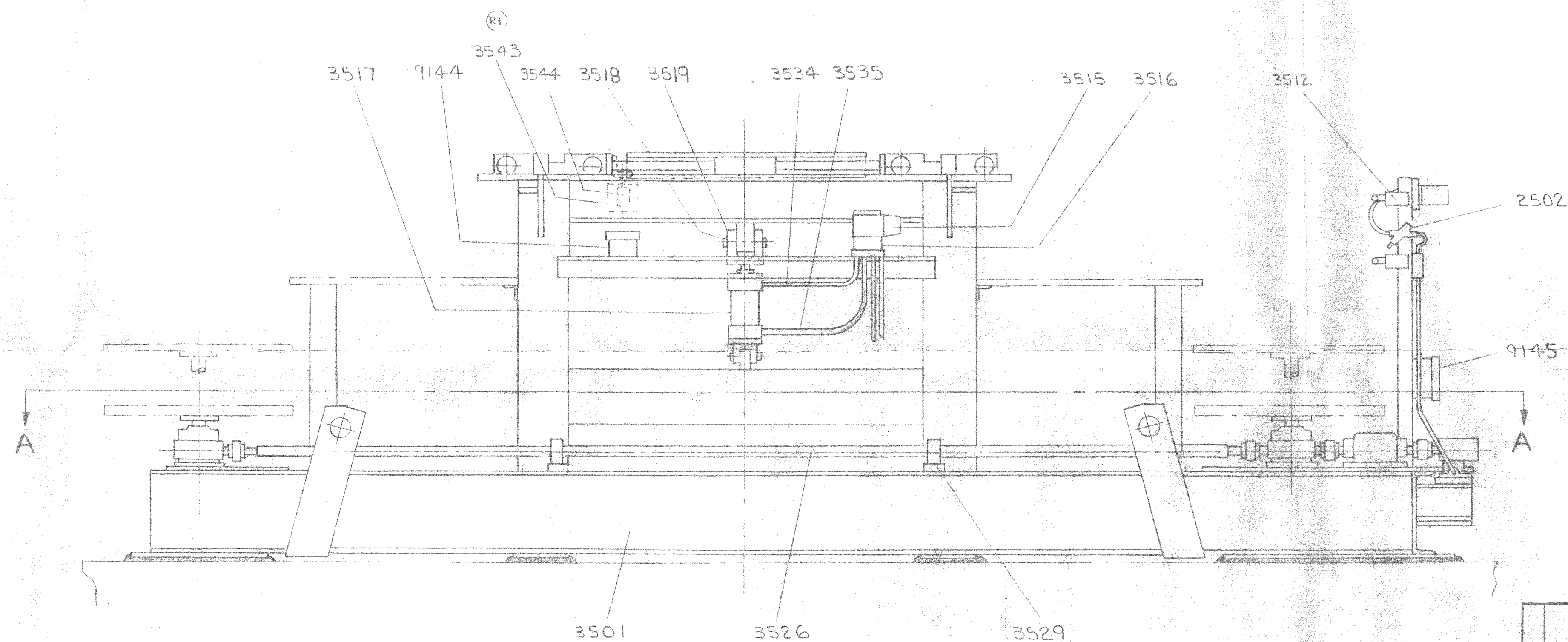
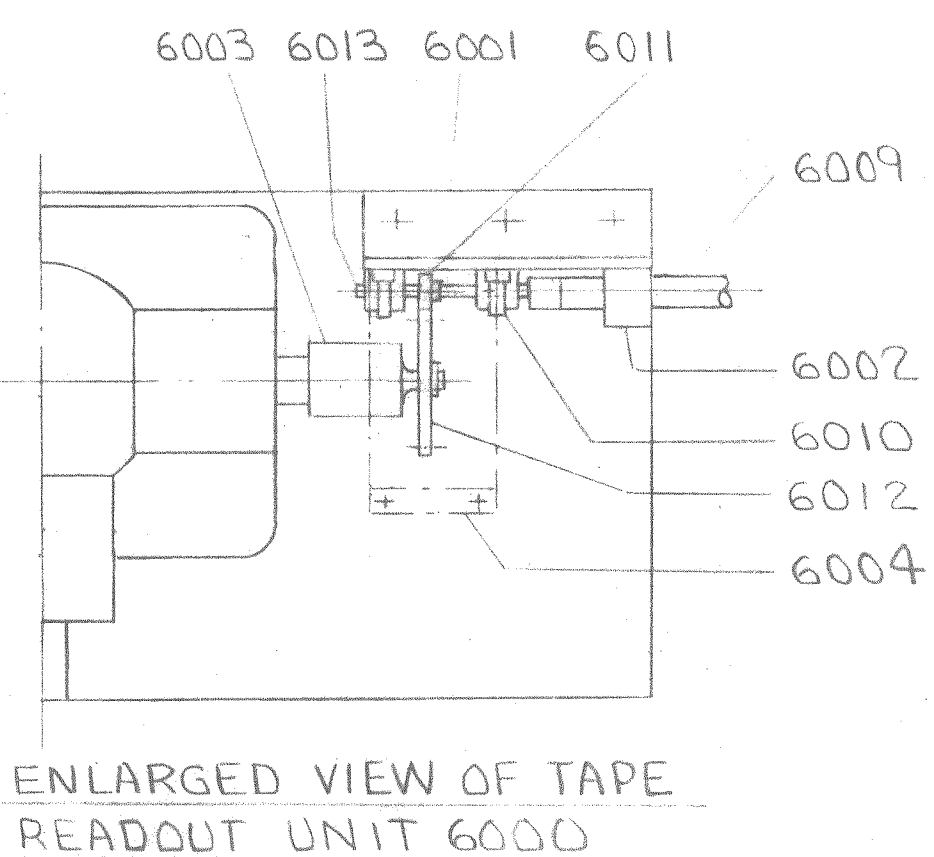
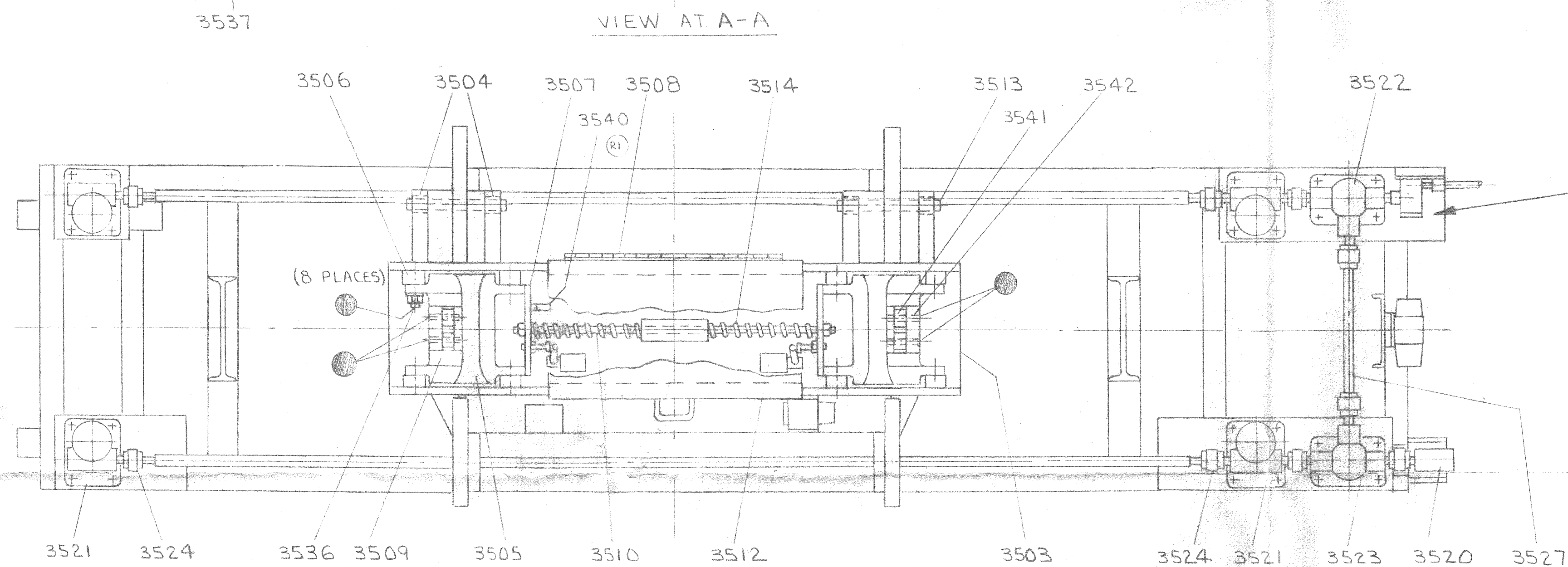
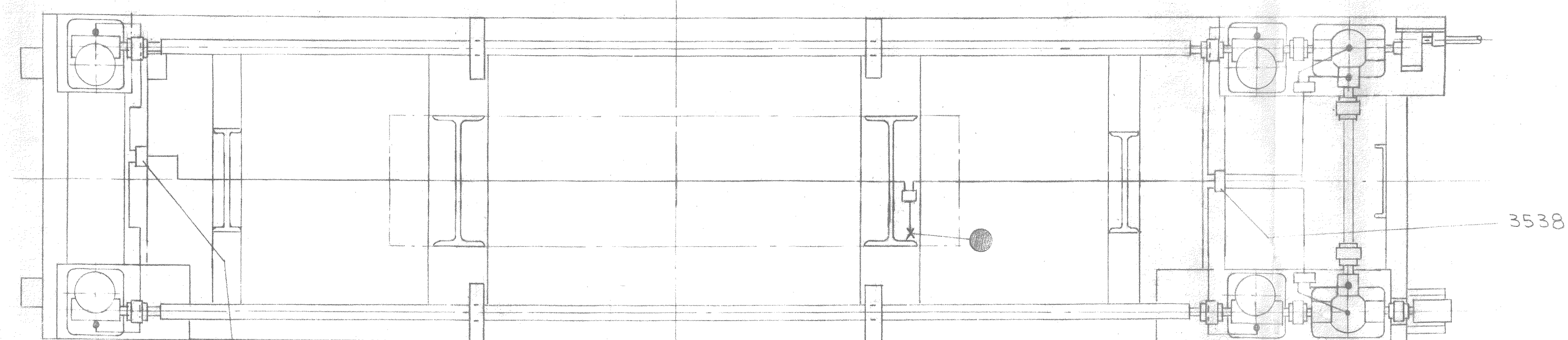


ELEVATOR UNIT 3500
SEE DWG. CBM 20771D

CHAMBERSBURG ENGINEERING COMPANY Chambersburg, Pennsylvania, U. S. A.				Machining Tolerance If Not Specified	Part Number
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Drawn	GRH 11-26-75	Scale	1" = 1' 0"	Print Date	
Checked	JAR 1-14-76	Approved			
Rev	Revision	By	Date	Eng	
No.				Ref.	
Wt.		Fin		Patt	
				No.	
2631-L5				JUN 24 1976	
				SIZE 1	DRAWING NUMBER
					CBM 20758D

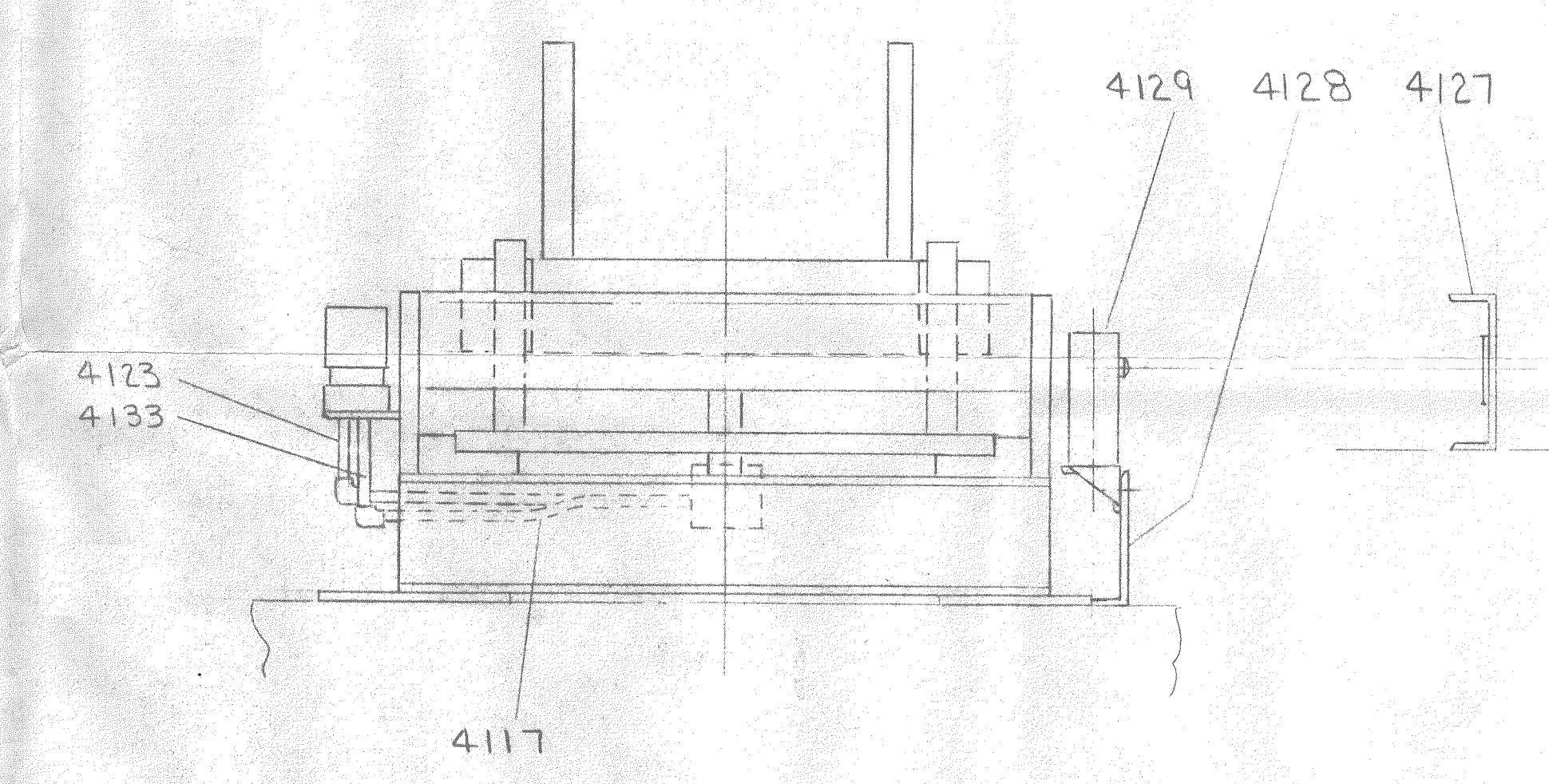
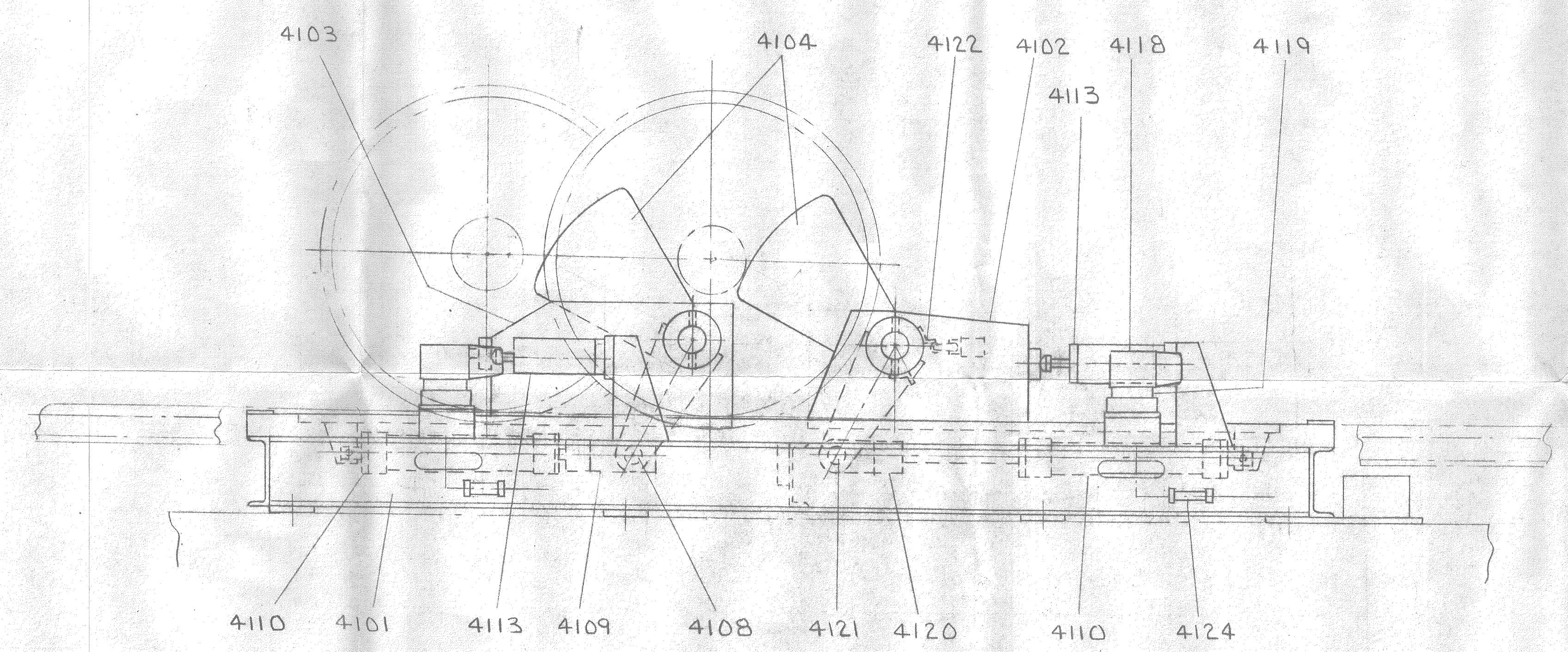
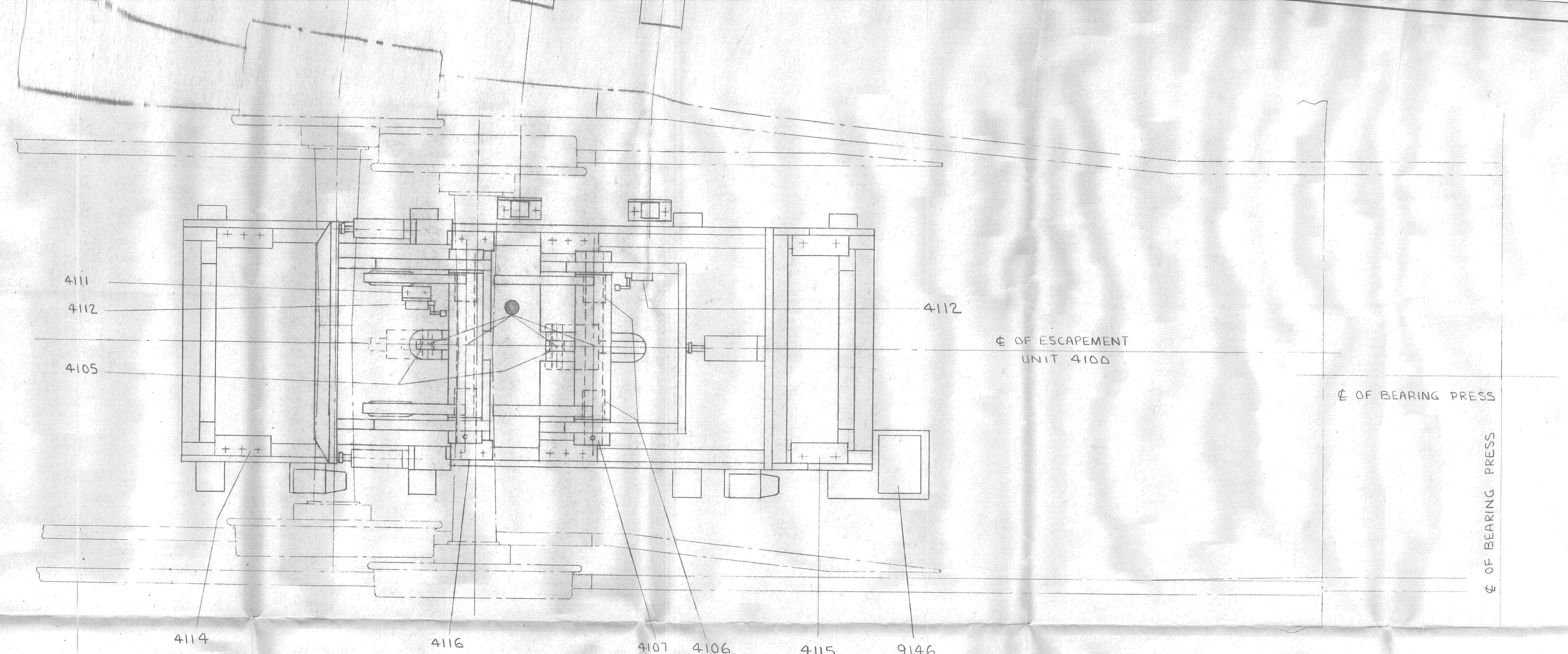


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Drawn	GRH	12-1-75	Scale	1" = 1'-0"	
Checked	JAR	1-14-76	Print Date	JUN 24 1976	
Approved					
Rev. No.	Revision	By	Date	Eng. Ref.	Patt. No.
				2631-L5	
Fin. Wt.					
Title				SIZE	DRAWING NUMBER
HYDRAULIC PIPING ASSEMBLY				1	CBM 20770D



● GREASE 13 POINTS ONCE A WEEK

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PC 3539 OMITTED PC 3543 ADDED PC 3540 REVISED		GRH	11-21-76	Drawn GRH 12-2-75 Checked JAK 1-14-76 Approved JAK Eng Ref 2631-L5	Scale 1" = 1'-0"	SIZE 1 DRAWING NUMBER CBM 20771D	
Rev No. Revision		By	Date	Print Date			
Ro No.		Fin No.	Part No.				



● GREASE 4 POINTS ONCE A WEEK

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Drawn	GRH 12-4-75	Scale	1 1/2" = 1'-0"	Print Date JUN 24 1976	
Checked	JAR 1-14-76	Eng. No.	2631-L5	SIZE	DRAWING NUMBER
Approved		Rev.		1	CBM
		Part No.			20778D

EXPORT SHIPPING SPECIFICATIONS

BEARING MOUNTING PRESS - TENSION BAR TYPE

(All Dimensions and Weights are Approximate)

<u>Size</u>			<u>Measurement Inches</u>	<u>Cu. Ft.</u>	<u>Weight - Pounds</u>		
					<u>Net</u>	<u>Tare</u>	<u>Gross</u>
1 CBM	Press Structure	1-Box	234" x 116" x 64"	1,006	17,200	6,000	23,200
	Elevator, Piping	1-Box	234" x 62" x 76"	639	5,400	3,900	9,300
	& Misc.	1-Box	90" x 50" x 76"	198	3,000	1,200	4,200
	Hyd. Pump	1-Box	90" x 68" x 34"	<u>121</u>	<u>500</u>	<u>800</u>	<u>1,300</u>
	Controls						
	Total			1,964	26,100	11,900	38,000
<u>Optional</u>							
1 CBM	Wheel Set						
	Escapement	1-Box	120" x 56" x 46"	179	3,000	1,100	4,100