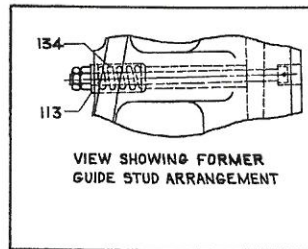


- 1 Anvil
1001 Anvil Base
2 Anvil Cap
5 Ram
5001 Ram Bushing
6 Piston Rod
6001 Piston Head
7R Frame (Right Hand)
7L Frame (Left Hand)
8 Cylinder
8001 Cylinder Liner
9 Cylinder Cover
9001 Cylinder Cover Lid
9002 Plunger
9003 Pipe Gland
9005 Flanged Pipe
9006 Plunger Rings
9007 Cylinder Cover Gasket (Upper)
9008 Cylinder Cover Gasket (Lower)
10 Piston Valve
11 Valve Seat
12 Chamber Plug
13 Main Valve Stem Gland
14 Chamber Cover
15 Main Valve Link
16 Main Valve Rocker (For Round Type Valve up to 12,000 lbs. Incl.)
17 Throttle Valve
18 Stuffing Box
19 Tie Plate
21 Steam Pipe Gland
22 Exhaust Pipe Gland
23 Piston Gland
24 Cylinder Throat Bushing
29 Ram Guides
30 Ram Guide Shoes
31 Cam Lever
36 Cam and Arm
3601 Cam Coupling (10,000 lbs. and up)
41 Piston Rings
43 Anvil Cap Stop Key
47 Anvil Cap Taper Key
48 Main Valve Connection
54 Cam Lever Shaft
55 Intermediate Lever
61 Main Valve Coupling
62 Main Valve Stem
63 Throttle Valve Stem
70 Guide Clamp Studs (Upper)
71 Guide Clamp Studs (Lower)
75 Treadle Lever (Right Hand)
76 Treadle Lever (Left Hand)
77 Treadle Connection
78 Treadle Shaft
79 Treadle Studs
83 Automatic Lubricator
90 Cam Lever Connection
94 Treadle Board
97 Wearing Plates
98 Wearing Plate (R.H. Rear)
9801 Wearing Plate (L.H. Rear)
99 Wearing Plate (R.H. Front)
9901 Wearing Plate (L.H. Front)
100 Throttle Valve Connection
102 Throttle Spring Rod (Upper)
103 Throttle Spring Rod (Lower)
1047 Turnbuckle
1048 Turnbuckle Lock Nuts
1049 Turnbuckle (For 16,000 lbs. up)
1051 Throttle Control Handle
1052 Throttle Control Connection (Upper)
1053 Throttle Control Connection (Lower)
110 Guide Adjusting Bolts
113 Guide Clamp Bolts Washers
115 Adjusting Spool Lock Pins
116 Throttle Arm

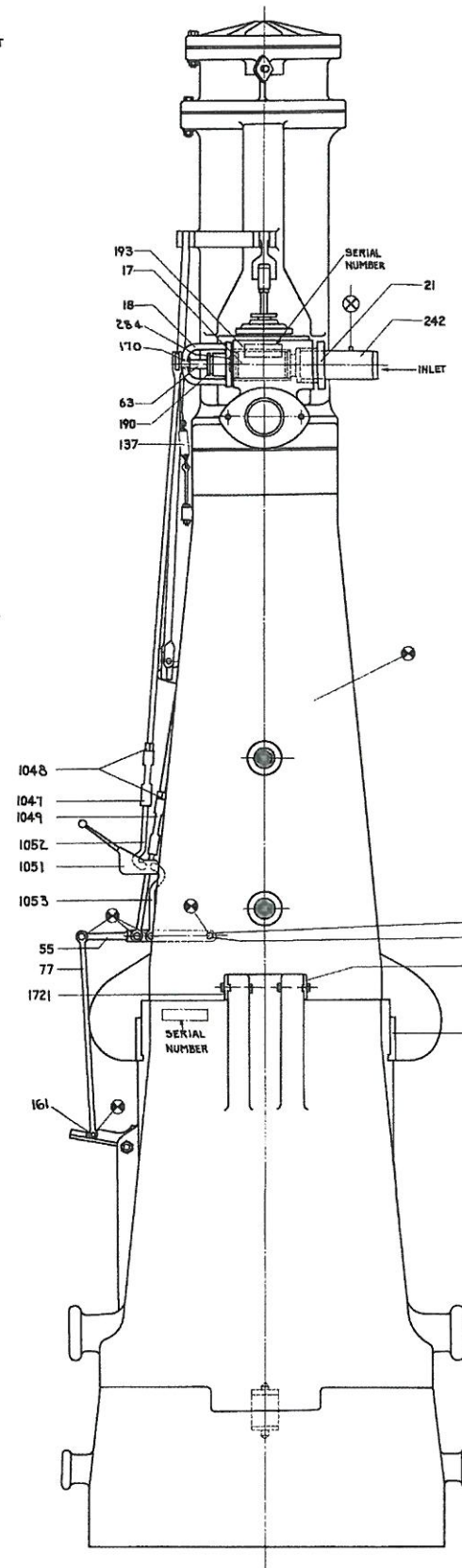
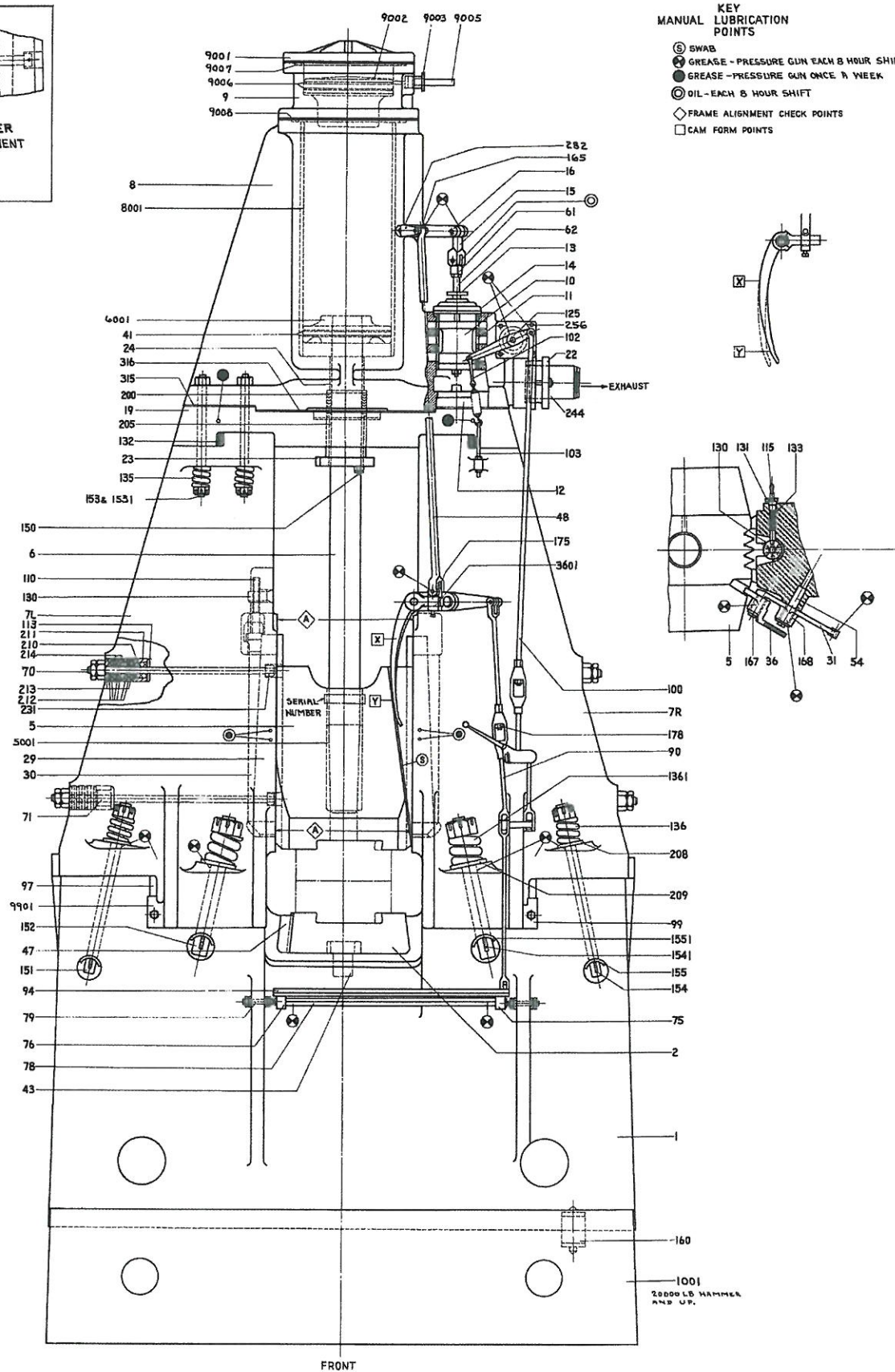


AUTOMATIC LUBRICATION TO MOTOR DRIVEN LUBRICATOR B3
1000 TO 8000 LB. DHE
3 OUTLETS - AIR & STEAM OPERATION
1 OUTLET TO SUPPLY LINE
2 OUTLETS - ONE FOR EACH FRAME-GUIDE LUBRICATION
10000 LB. DHE AND LARGER
6 OUTLETS - AIR & STEAM OPERATION
2 OUTLETS TO SUPPLY LINE
4 OUTLETS - 2 FOR EACH FRAME-GUIDE LUBRICATION

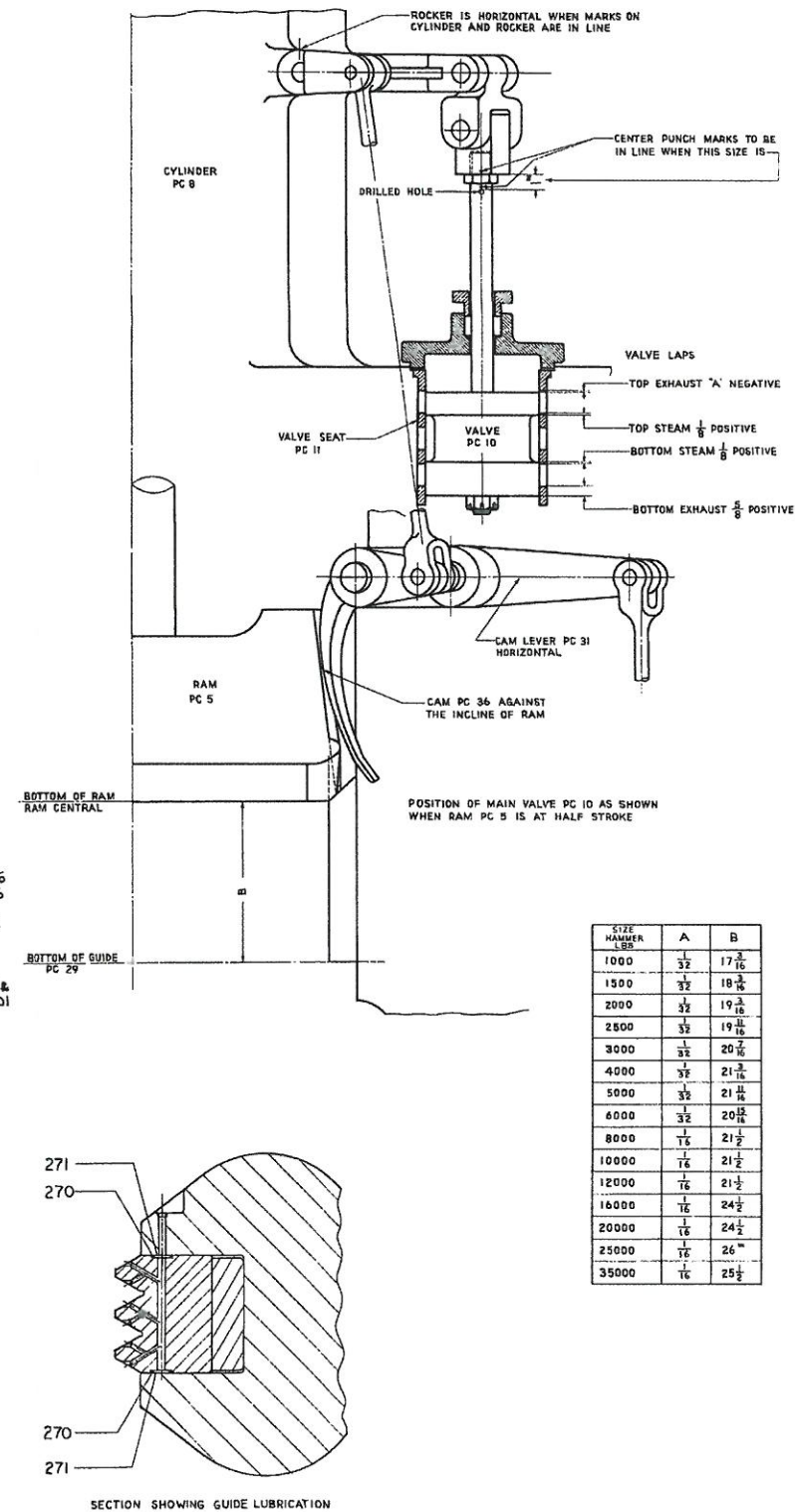
⊗ CYLINDER + VALVE LUBRICATION
SEE INSTRUCTIONS

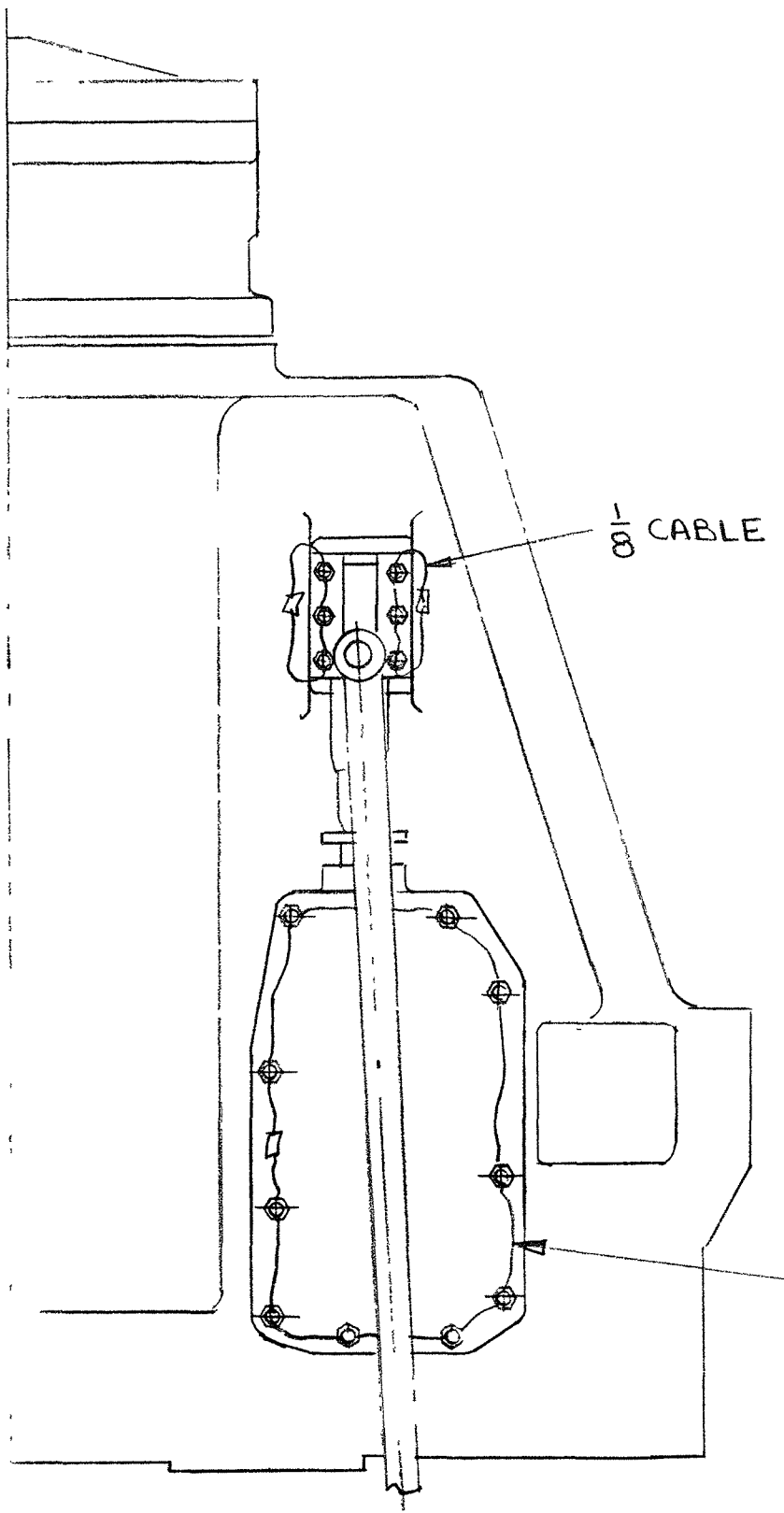
⊙ GUIDE LUBRICATION
SEE INSTRUCTIONS

- 130 Adjusting Spools
131 Adjusting Spool Studs
132 Tie Plate Frame Shims
133 Adjusting Spool Springs
134 Guide Clamp Bolt Springs
135 Cylinder to Frame Stud Springs
136 Frame to Anvil Stud Springs
1361 Frame to Anvil Stud Springs
137 Throttle Arm Spring
150 Piston Gland Studs
151 Frame to Anvil Studs
152 Frame to Anvil Studs
153 Cylinder to Frame Studs (Right Hand)
1531 Cylinder to Frame Studs (Left Hand)
154 Frame to Anvil Stud Keys
1541 Frame to Anvil Stud Keys
155 Frame to Anvil Stud Washers
1551 Frame to Anvil Stud Washers
160 Anvil Base Stop Key Dowel
161 Bushing
165 Bushing
167 Cam and Arm Bushing
168 Cam Lever Bushing
170 Stuffing Box Bushing
172 Wearing Plates
1721 Wearing Plates
175 Cam Coupling Bushing (10,000 lbs up)
176 Bushing
178 Turnbuckle Nut (For 16,000 lbs up)
190 Throttle Valve Stem Gland
193 Throttle Valve Stem
200 Piston Rod Packing
205 Piston Gland Bushing
208 Frame to Anvil Stud Washers
209 Frame to Anvil Stud Washers
210 Fabreeca Bushing
211 Collar
212 Fabreeca Washer
213 Washer
214 Washer
231 Guide Clamp Bolt Nuts
242 Inlet Pipe Nipple
244 Exhaust Pipe Nipple
256 Throttle Stud
270 O Ring
271 Washer
282 Bushing
284 Bearing
306 Pin
315 Fabreeca Pads
316 Fabreeca Pad

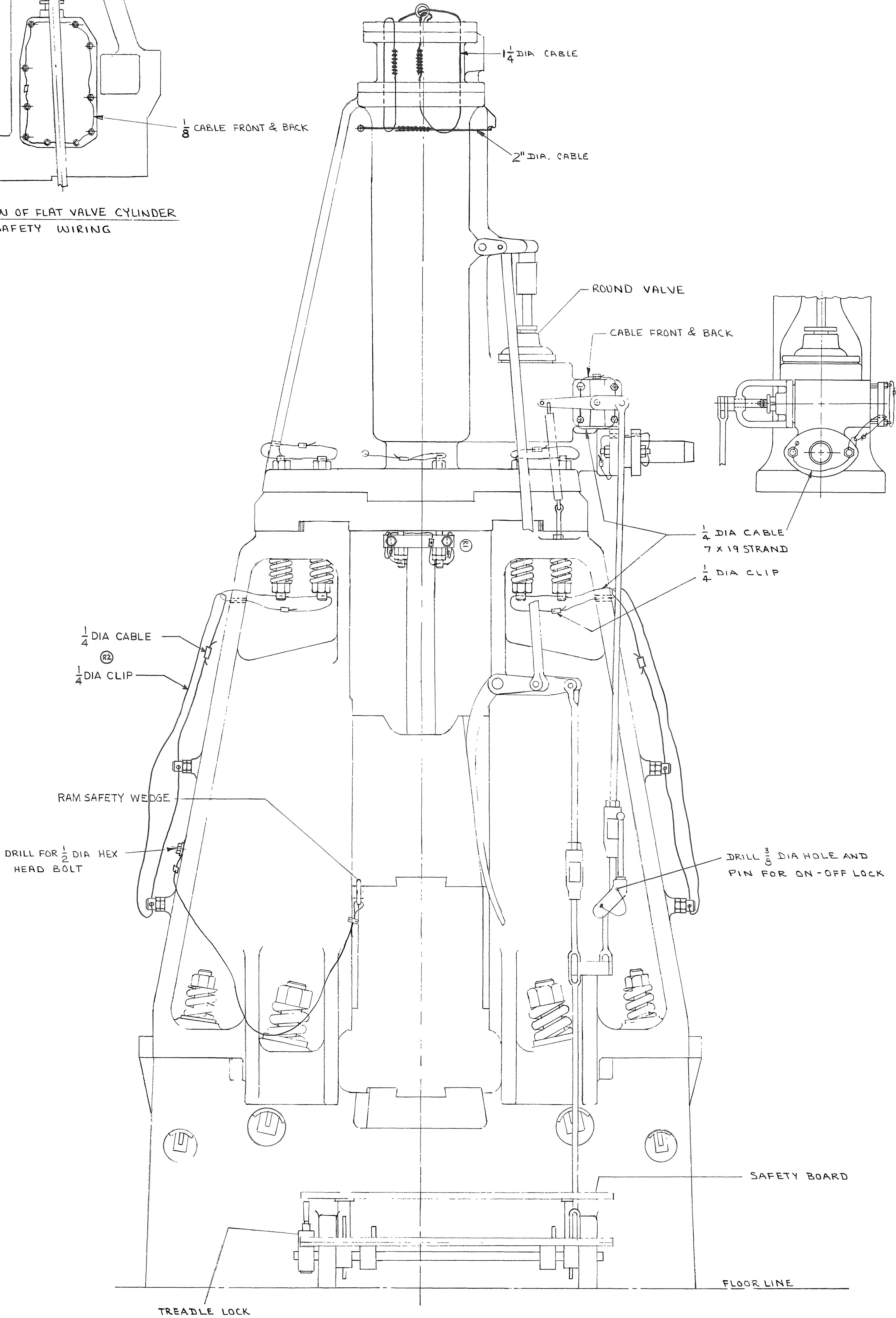
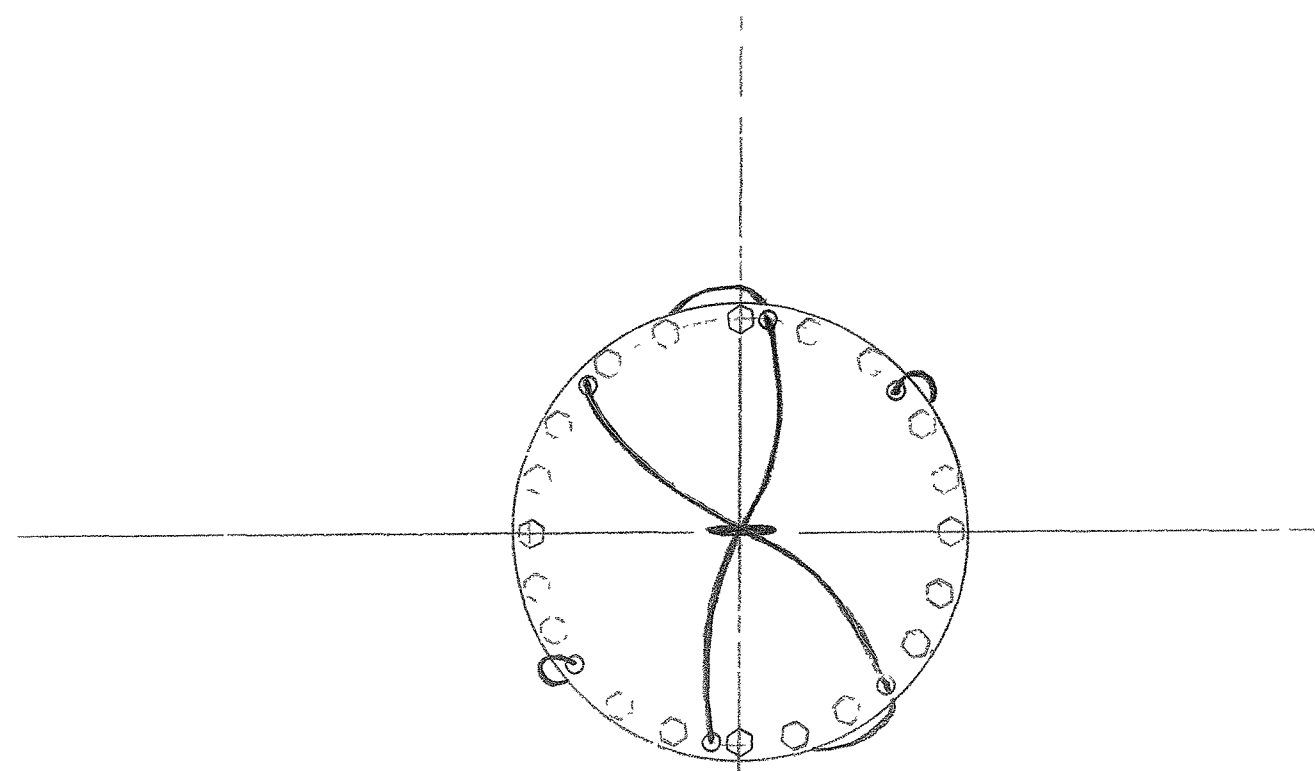


PISTON VALVE SETTING DIAGRAM

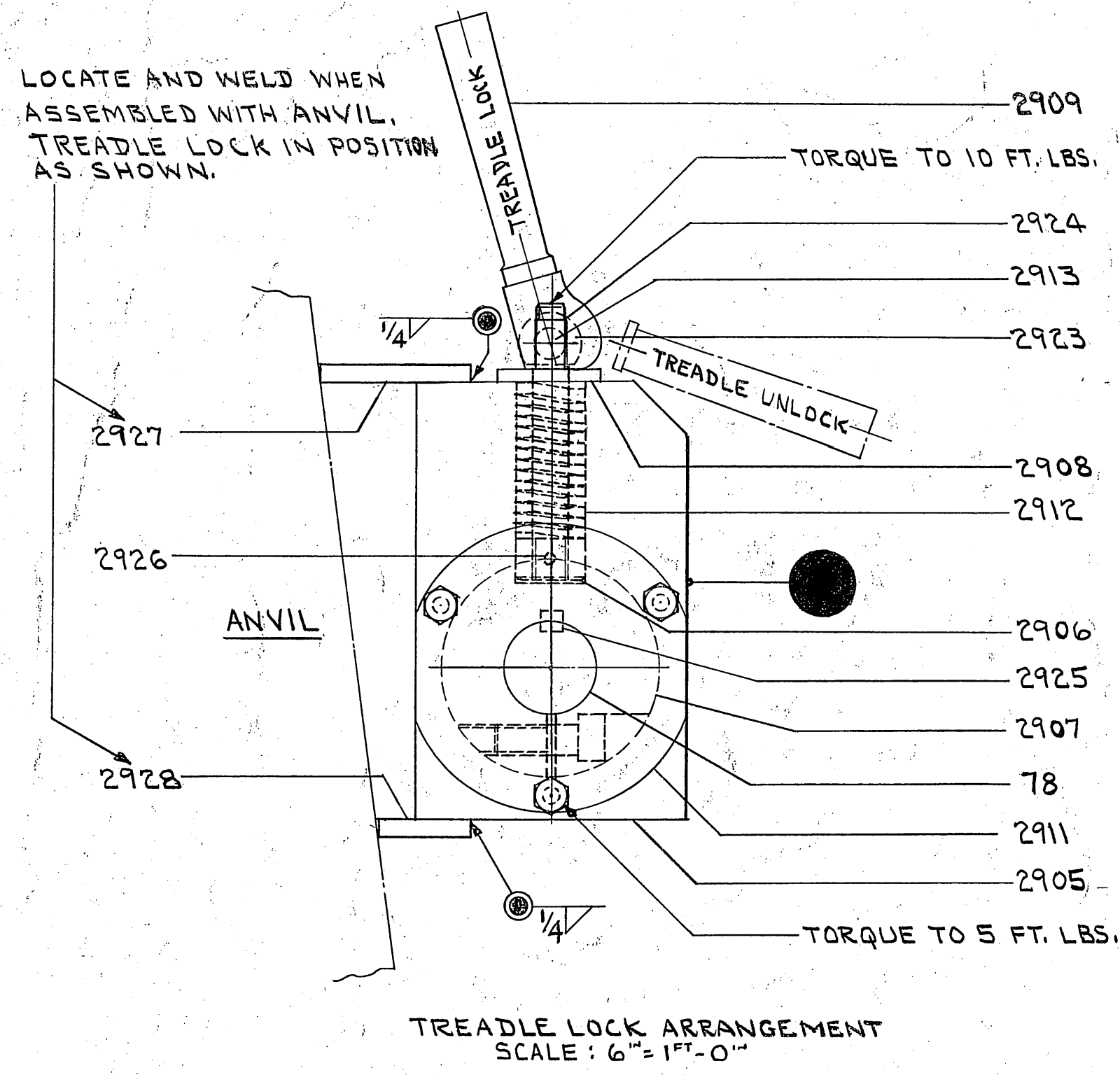




VIEW OF FLAT VALVE CYLINDER
SAFETY WIRING

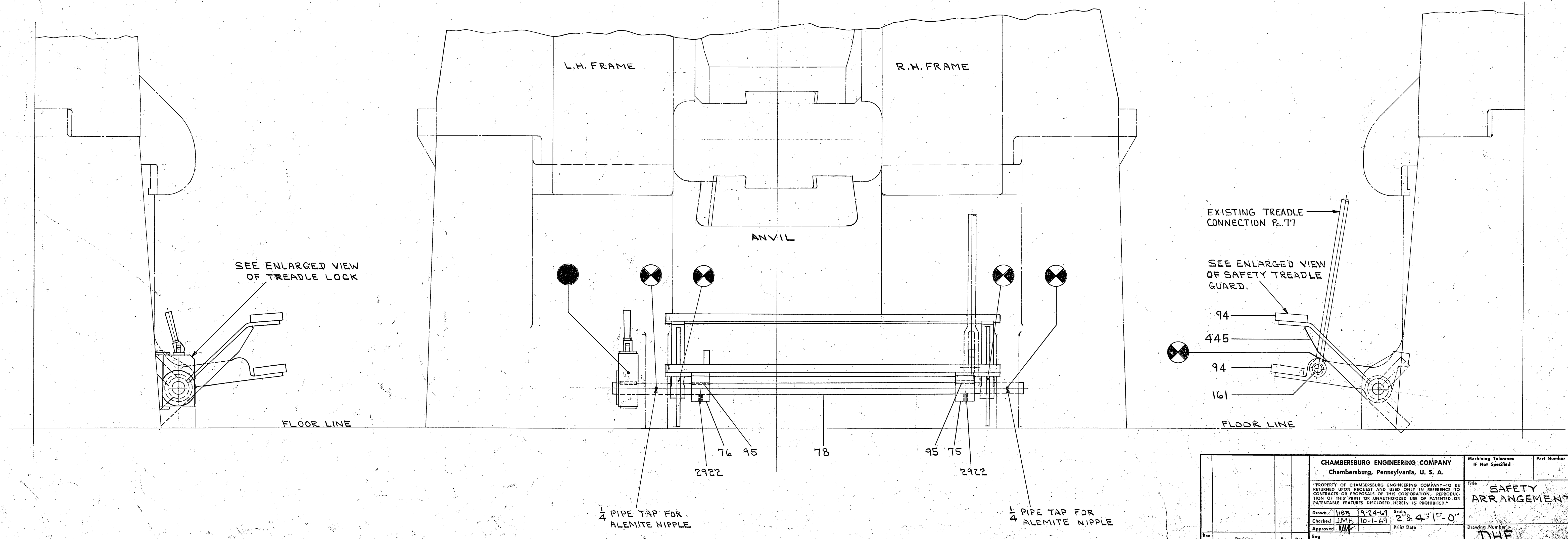
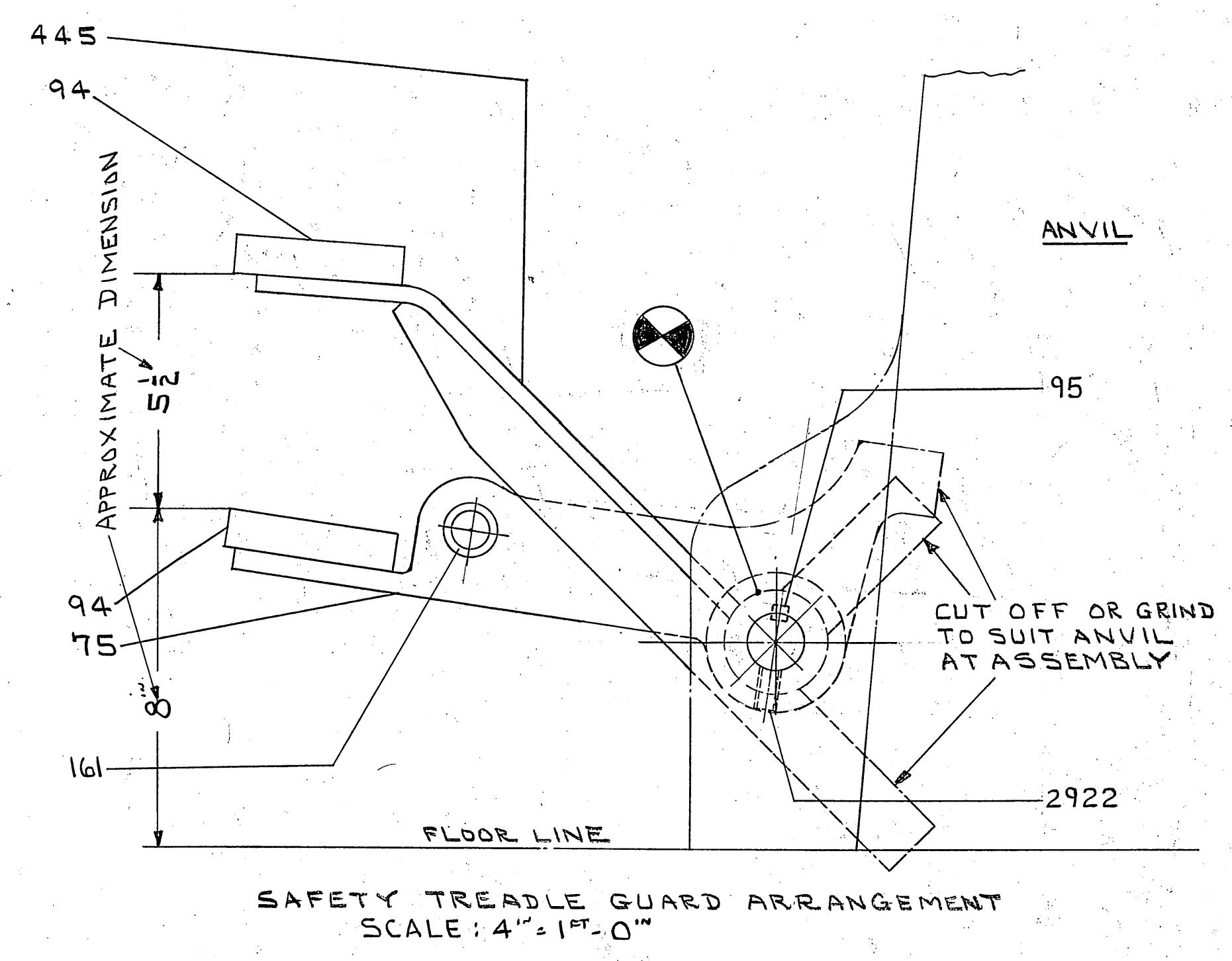


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Rev.	By	Date	Appr.	Eng.	Drawn	Scale	Sheet	Part	Title
1	JRC	3-27-57	WSE	1-31-57	1-31-57	1-31-57	1-31-57	1-31-57	SAFETY CABLE DIAGRAM
2	JRC	3-27-57	WSE	1-31-57	1-31-57	1-31-57	1-31-57	1-31-57	STEAM DROP HAMMER
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100	JRC	3-27-57	WSE	1-31-57	1-31-57	1-31-57	1-31-57	1-31-57	MODEL



MANUAL LUBRICATION

- GREASE - PRESSURE GUN ONCE A WEEK
- ⊗ GREASE - PRESSURE GUN EACH EIGHT HOUR SHIFT



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Checked JMH	10-1-69	Approved	Eng. Ref.		
Rev. No.	Revision	By	Date		
Rev. No.	Rev. No.	Rev. No.	Rev. No.		