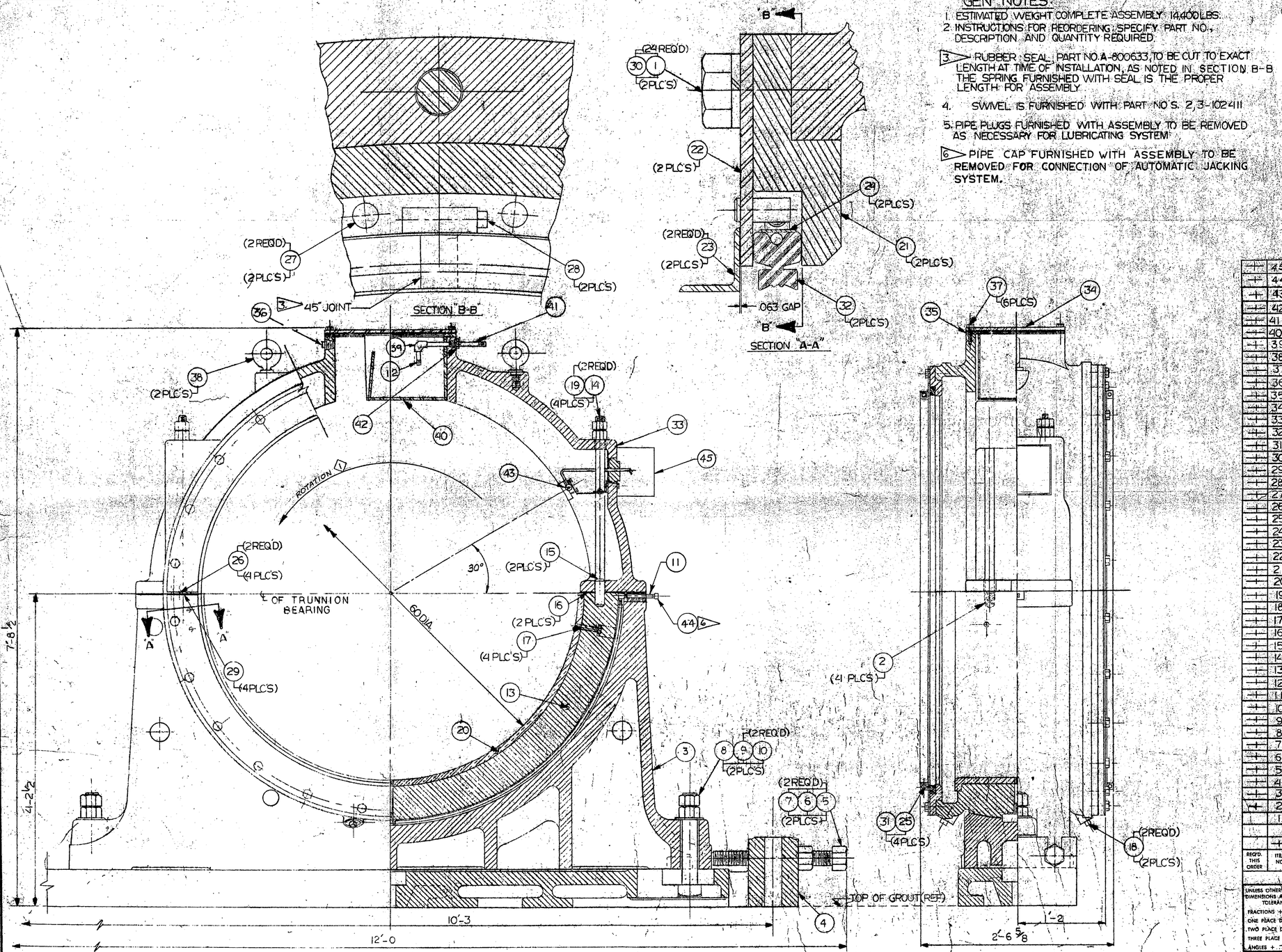
GEN NOTES:

1. ESTIMATED WEIGHT COMPLETE ASSEMBLY 14,400 LBS.
2. INSTRUCTIONS FOR REORDERING: SPECIFY PART NO., DESCRIPTION AND QUANTITY REQUIRED.
3. RUBBER SEAL, PART NO. A-800633, TO BE CUT TO EXACT LENGTH AT TIME OF INSTALLATION, AS NOTED IN SECTION B-B. THE SPRING FURNISHED WITH SEAL IS THE PROPER LENGTH FOR ASSEMBLY.
4. SWIVEL IS FURNISHED WITH PART NO'S. 2, 3-102411
5. PIPE PLUGS FURNISHED WITH ASSEMBLY TO BE REMOVED AS NECESSARY FOR LUBRICATING SYSTEM.
6. PIPE CAP FURNISHED WITH ASSEMBLY TO BE REMOVED FOR CONNECTION OF AUTOMATIC JACKING SYSTEM.

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED
1	G-3	ADDED ROTATION	1-7-71	
2	E-3	ADDED JUNCTION BOX	8-15-72	

msi industries, inc.

12'-0 X 14'-0 MARCY GRATE MILL
REGISTER No. 21402
PHELPS-DODGE CORP.
ORDER No. R2RG 838100
TAG ACCT. 15D40201



REQ'D THIS ORDER	ITEM NO.	PART NUMBER	REQ'D ONE ASS'Y.	MATERIAL	DESCRIPTION
—	45	21-202699	1	—	JUNCTION BOX
—	44	103302-02	1	—	PIPE CAP, 3/8" NPT
—	43	A-202699	1	—	TEMP. DETECTOR ASSEMBLY
—	42	3-2R-10048	1	—	HEX BUSHING
—	41	2-2R-10048	1	—	PIPE NIPPLE ½ NPT x 10 LG.
—	40	1-2R-10048	1	—	AUXILIARY OIL RESERVOIR
—	39	4-2R-10048	1	—	PIPE ELBOW ½ NPT
—	38	1-800540	2	—	EYEBOLT 1¼ DIA.
—	37	6-102458	6	—	HEX BOLT ½ DIA. x 1¾ LG.
—	36	5-102458	2	—	PIPE PLUG 1" NPT
—	35	3-102458	1	—	COVER GASKET
—	34	2-102458	1	—	COVER PLATE
—	33	1-102458	1	—	TRUNNION BEARING CAP
—	32	A-800633	2	—	OIL SEAL
—	31	11-R-10047	4	—	HEX SOCKET HD CAP SCREW ½ DIA x 2 LG
—	30	10-R-10047	48	—	HEX BOLT ⅛ DIA. x 2 LG.
—	29	9-R-10047	4	—	SHIM
—	28	8-R-10047	2	—	HEX SOCKET HD CAP SCREW ¼ DIA x 1½ LG
—	27	7-R-10047	4	—	STOP PIN ½ DIA. x 1⅛ LG.
—	26	6-R-10047	8	—	ALIGNMENT PIN ¼ DIA x 19/32 LG.
—	25	5-R-10047	4	—	SQUARE NUT ½ DIA.
—	24	4-R-10047	2	—	OIL SEAL BAND
—	23	3-R-10047	4	—	OIL SEAL RING (1 IN. HALVES)
—	22	2-R-10047	2	—	RETAINER RING (8 SEGMENTS)
—	21	1-R-10047	2	—	HOLDER RING
—	20	1-9291-B	1	—	TRUNNION BEARING BUSHING
—	19	7-102411	8	—	HEX NUT 1½ DIA.
—	18	6-102411	4	—	PIPE PLUG 1½ NPT
—	17	5-102411	4	—	HEX SOCKET HD CAP SCREW ½ DIA x 3 LG
—	16	4-102411	2	—	GASKET
—	15	3-102411	2	—	DOWEL PIN 1½ DIA x 4¼ LG
—	14	2-102411	4	—	STUD 1½ DIA. x 29¾ LG.
—	13	1-102411	1	—	TRUNNION BEARING SWIVEL
—	12	5-2R-10048	1	—	PIPE NIPPLE ½ NPT x 4 LG.
—	11	103302-90	1	—	OIL PRESSURE PIPING ASSEMBLY
—	10	3-800671	2	—	PLAIN WASHER 2½ DIA.
—	9	2-800671	4	—	HEX NUT 2½ DIA.
—	8	1-800671	2	—	SQ. BOLT 2½ DIA. x 16½ LG.
—	7	4B-9293-B	4	—	SQUARE NUT 2 DIA.
—	6	4A-9293-B	4	—	HEX NUT 2 DIA.
—	5	4-9293-B	4	—	JACKING SCREW 2 DIA x 20½ LG.
—	4	1-9293-B	1	—	SOLE PLATE
—	3	1-102457	1	—	TRUNNION BEARING BASE
—	2	8-102411	AR.	—	STUD LOCK
—	1	103299-01	48	C'STL	REG. HELICAL SPRING LOCK WASHER ⅝ DIA
—	—	103299-90	1	—	60 DIA. x 20 TRUNNION BEARING ASSY

MATERIAL LIST

15D40201

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ON
FRACTIONS ±
ONE PLACE DECIMALS ±
TWO PLACE DECIMALS ±
THREE PLACE DECIMALS ±
ANGLES ±

DRAWN BY A. R. Gayle 5/22/70
CHECKED BY R.L.B. 6-5-70

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NEXT ASSEMBLY 103263
USED ON 103326

MFG. DIVISION: MINE & SMELTER SUPPLY CO.
ENG. DEPARTMENT: DENVER, COLO. U.S.A.

TRUNNION BEARING ASSEMBLY

DRAWING NO. 103299
SCALE 1/2 = 1'-0
REVISION NO. 2

FOR REDUCTION OF THIS DWG SEE DWG No. 501482
THIS DRAWING MADE FROM 102409