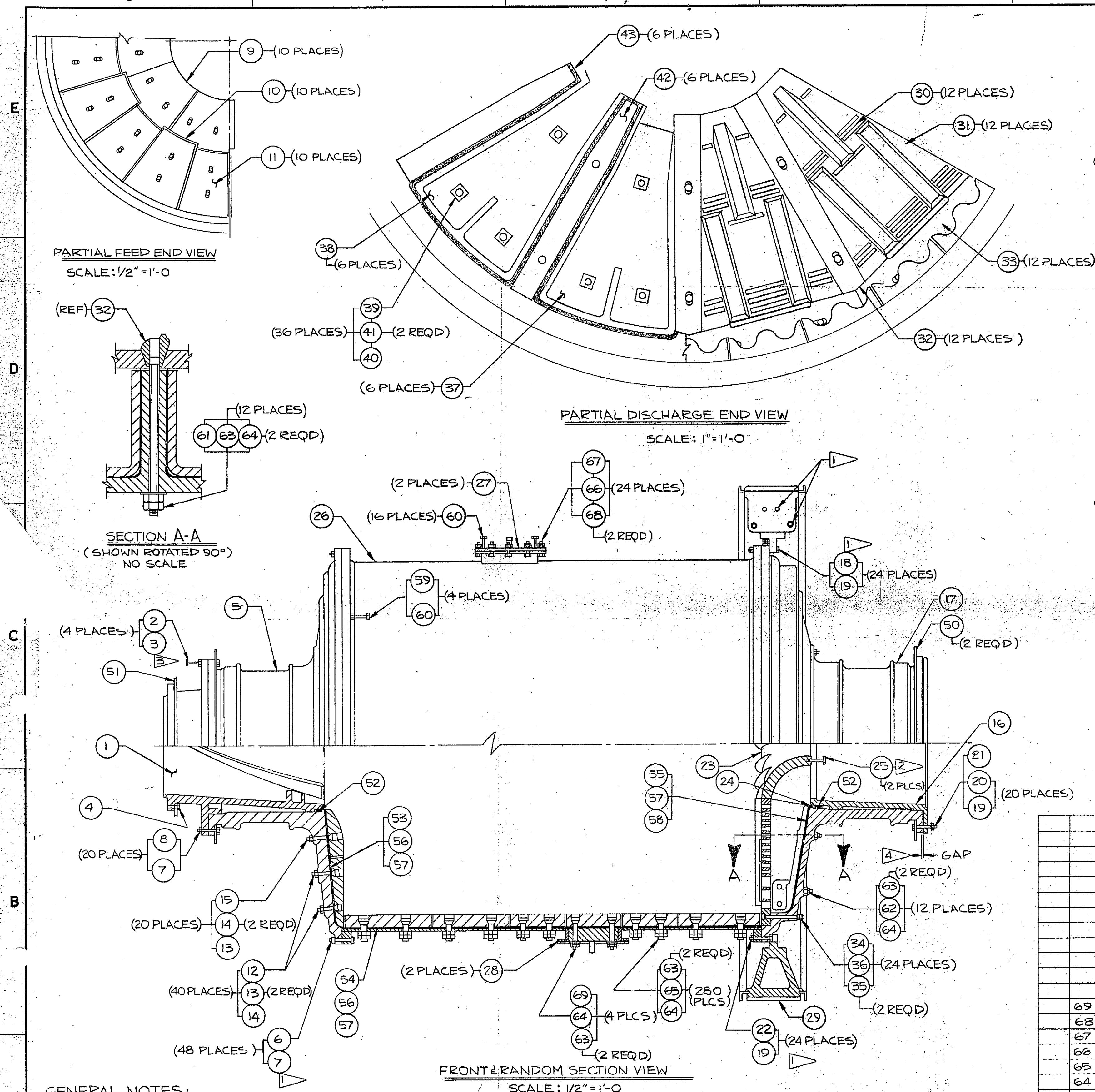




GENERAL NOTES:

1. INSTALL GEAR FLANGE BOLTS IN ACCORDANCE WITH FALK SERVICE MANUAL No. 6801 & TORQUE HEAD FLANGE BOLTS 1000 ± 53 FT LB. TORQUE ALL BOLTS IN AS RECEIVED CONDITION. DO NOT OIL.
2. THESE BOLTS ARE USED FOR REMOVAL OF DISCHARGE CONE.
3. JACKING SCREWS TO BE USED ON BOTH FEED & DISCHARGE TRUNNION LINERS
4. $1/4$ TO $3/8$ GAP WILL REMAIN BETWEEN DISCHARGE HEAD FLANGE & DISCHARGE TRUNNION LINER WHEN BOLTS ARE TIGHT.
5. ESTIMATED WT OF COMPLETE ASSY = 229,000 LBS

6. INSTRUCTIONS FOR REORDERING:
SPECIFY PART NUMBER, DESCRIPTION, &
QUANTITY REQUIRED.

[illegible]

SHELL LINER ARRANGEMENT
(NO SCALE)

 emi industries, inc.

12-0 X 14-0 MARCY GRATE MILL
REGISTER No. 21402
PHELPS - DODGE CORP.
ORDER No. 8286 038100
TAG ACCT. 15040201

[illegible]

REQD. THIS ORDER	ITEM NO.	PART NUMBER	REQD. ONE ASSY.	MATERIAL	SHELL ASSEMBLY	DESCRIPTION
MATERIAL LIST					NEXT ASSEMBLY 103263	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ON						
FRACTIONS						
ONE PLACE DECIMALS						
TWO PLACE DECIMALS						
THREE PLACE DECIMALS						
ANGLES						
DRAWN BY		GARTH		11-18-70		
CHECKED BY		J. L. L...		7-9-70		
THIS DRAWING IS THE PROPERTY OF MINE & SMELTER SUPPLY CO. AND MUST BE RETURNED ON REQUEST. DATA ON THIS DRAWING MUST NOT BE USED WITHOUT OUR PERMISSION.					DRAWING NO. 103264	
ALL RIGHTS ARE RESERVED, BOTH AS AND AS NOTED.					REVISION NO. 0	
SCALE AS NOTED						

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

54	203075-02	1	SHELL RUBBER LINING
53	203075-01	1	FEED HEAD RUBBER LINING
52	800506-01	2	RUBBER SEAL, 13'-1 ⁵ / ₁₆ LG
51	1-500691	1	DRIP RING
50	1-500619	2	DRIP RING
49	103296-06	2	SHELL LINER
48	103296-05	2	SHELL LINER
47	103296-04	2	MANHOLE LINER
46	103296-03	80	SHELL LINER
45	103296-02	28	SHELL LINER
44	103296-01	28	SHELL LINER
43	2-500597	6	LIFTER LINER, (SHORT)
42	1-500597	6	LIFTER LINER, (LONG)
41	5-102431	72	HEX NUT, 1" DIA
40	6-102431	36	LEAKPROOF WASHER ASSY, USS MK-100-H
39	3-102431	36	SQ HEAD BOLT, 1" DIA x 8 LG
38	2-102431	6	PAN LINER (RIGHT HAND)
37	1-102431	6	PAN LINER (LEFT HAND)
36	4-500596	24	TYPE A PLAIN WASHER
35	3-500596	48	HEX NUT, 1" DIA
34	2-500596	24	(SPECIAL) OVAL HD LINER BOLT, 1"x15/2
33	1-500596	12	END CLAMP BAR
32	203149-01	12	SIDE CLAMP BAR
31	103354-01	12	GRATE (OUTER)
30	103354-02	12	GRATE (INNER)
29	402162-01	1	GEAR (COMPLETE)
28	501418-01	2	MANHOLE COVER GASKET
27	103318-01	2	MANHOLE COVER
26	103295-01	1	SHELL
25	3-102418	2	HEX BOLT, 1/4 DIA x 2 LG
24	2-102418	1	DOWEL STUD, 1" DIA x 2 LG
23	1-102418	1	DISCHARGE CONE
22	6-102402	24	HEX BOLT, 1/2 DIA x 8 LG
21	5-102402	1	DOWEL STUD, 1"x4 ³ / ₄ (NOT SHOWN)
20	4-102402	20	HEX BOLT, 1/2 DIA x 8 1/2 LG
19	3-102402	68	HEX NUT, 1/2 DIA
18	2-102402	24	HEX BOLT, 1/2 DIA x 11 LG
17	1-102402	1	DISCHARGE HEAD
16	1-102414	1	DISCHARGE TRUNNION LINER
15	102399-07	20	OVAL HEAD LINER BOLT, 1/2 DIA x 12 1/2 LG
14	102399-08	60	LEAKPROOF WASHER ASSY, USS MK-150H
13	102399-05	120	HEX NUT, 1/2 DIA
12	102399-04	40	OVAL HEAD LINER BOLT, 1/2 DIA x 11 LG
11	102399-03	10	FEED HEAD LINER
10	102399-02	10	FEED HEAD LINER
9	102399-01	10	FEED HEAD LINER
8	4-102401	20	HEX BOLT, 1/2 DIA x 7 LG
7	3-102401	68	HEX NUT, 1/2 DIA
6	2-102401	48	HEX BOLT, 1/2 DIA x 8 LG
5	1-102401	1	FEED HEAD
4	6-102403	8	HEX BOLT, 3/4 DIA x 1 3/4 LG
3	4-102403	4	HEX NUT, 1" DIA
2	3-102403	4	STD JACKING SCREW, 1" DIA x 4 LG
1	1-102403	1	FEED TRUNNION LINER (LH)
	102364-00		SHELL ASSEMBLY

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SCALE AS NOTED						