

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	APPROVED
1	1-10	3'-8 DIMENSIONS	8/17/70	ARB
2	3	ALTERED, ADDED ITEM NO. 20, 30 & 31	8-24-70	ARB
3	1	ADDED 103285-91 & NOTE 5	8-30-70	ARB
4	2	ADDED DETAIL "B"	8-27-71	ARB
5	6-2	ADDED ITEM NO. 32	8-16-71	ARB

GENERAL NOTES:

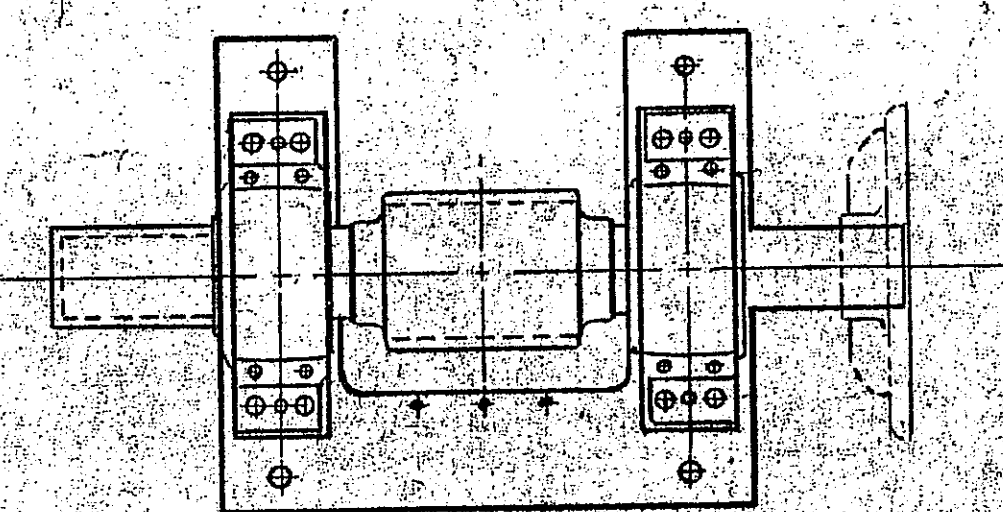
- ESTIMATED WEIGHT OF COMPLETE ASSEMBLY: 4,100 LBS.
- TO ORDER INDIVIDUAL COMPONENTS OF A PILLOW BLOCK ASSEMBLY, SPECIFY THE PART NUMBER OF THE COMPLETE PILLOW BLOCK, THE QUANTITY REQUIRED, AND A DESCRIPTION OF THE COMPONENT.
- PIPE PLUGS FURNISHED WITH THIS ASSEMBLY IN TOP OF PILLOW BLOCK TO BE REMOVED AND REPLACED WITH ITEM NO. 20, 30 & 31.
- INSTRUCTIONS FOR REORDERING: SPECIFY PART NO., DESCRIPTION AND QUANTITY.
- PARTS FOR L.H. & R.H. ASSEMBLIES ARE IDENTICAL.

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
32	1-402163	1	PINION SHAFT
31	103285-12	2	ALEMITE BUSH, 1/4x1/8 NPT (PN 45120)
30	103285-11	2	ALEMITE BUSH, 1/2x1/4 NPT (PN 51891)
29	60381020	4	THREADED TAPER PIN, #10 x 5 1/2 LG, W/ NUT & PLAIN WASHER
28	103285-10	8	STEEL PLN WASH, TYPE 1, 1 1/2 ID x 3 OD x .165 THK
27	103285-09	8	C STL HELICAL SPRING LOCKWASHER, 1/4 REG
26	103285-08	AR	"LOCTITE" HYDRAULIC SEALANT
25	7-500603	4	MACH. SCREW 1/4 DIA. x 3/8 LG.
24	6-500603	1	RETAINING RING
23	5-500603	1	SEAL
22	103285-07	1	C.I. PIPE CAP 1" - 1 1/2 NPT
21	2-800422	4	CAP SCREW 3/8 DIA. x 1 1/2 LG.
20	103285-06	2	ALEMITE HYD FITTING PART NO. 1610-BL
17	1-800651	1	ROTORSEAL
16	1-800629	1	ADAPTER FITTING
15	4-402268	2	PIPE PLUG 3/4 DIA.
14	3-402268	1	PIPE PLUG 1 1/2 DIA.
13	4-500603	4	LOCK WASHER, 1/4 DIA.
12	3-500603	4	HEX BOLT, 1/2 DIA. x 1 1/2 LG.
11	2-500603	1	GASKET
10	1-500603	1	PINION SHAFT GUARD
9	2-402268	1	KEY, 1 3/4 SQ x 10" LG

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
7	402264-90	1	PILLOW BLOCK ASSEMBLY (FIXED)
6	402275-90	1	PILLOW BLOCK ASSEMBLY (FREE)
5	103285-03	3	C STL HELICAL SPRING LOCKWASHER, 1/2 REG
4	103285-02	3	A307 HEX NUT, 1/2 - 13 UNC - 2B
3	103285-01	8	A307 HEX BOLT, 1/4 - 7 UNC - 2A x 5 1/2 LG.

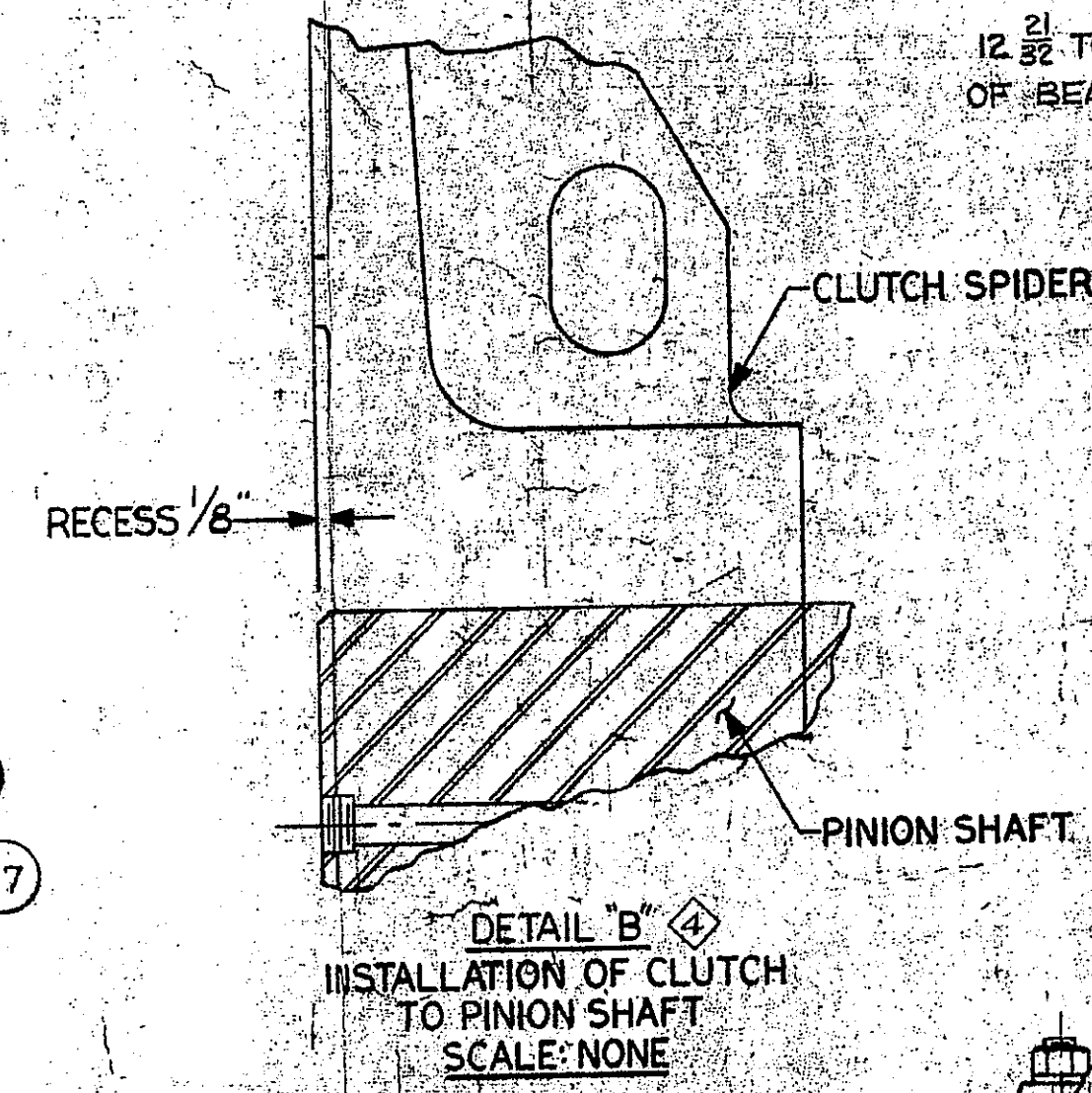
ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	103303-01	1	PINION BEARING BASE
103285-91		1	PINION BEARING ASSEMBLY L.H.
103285-90		1	PINION BEARING ASSEMBLY R.H.

REQD. THIS ORDER	ITEM NO.	PART NUMBER	REQD. ONE ASSY	MATERIAL	DESCRIPTION
MATERIAL LIST					
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES					
TOLERANCES ON					
FRACTIONS					
ONE PLACE DECIMALS					
TWO PLACE DECIMALS					
THREE PLACE DECIMALS					
ANGLES					
DRAWN BY: BOLTE 5-25-70					
CHECKED BY: 6-24-71					
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MFG. DIVISION		MINE & SMELTER SUPPLY CO.			
ENG. DEPARTMENT		DENVER, COLO. U.S.A.			
PINION BEARING ASSEMBLY					
DRAWING NO. 103285					REVISION NO. 5
SCALE 1 1/2" = 1'-0"					

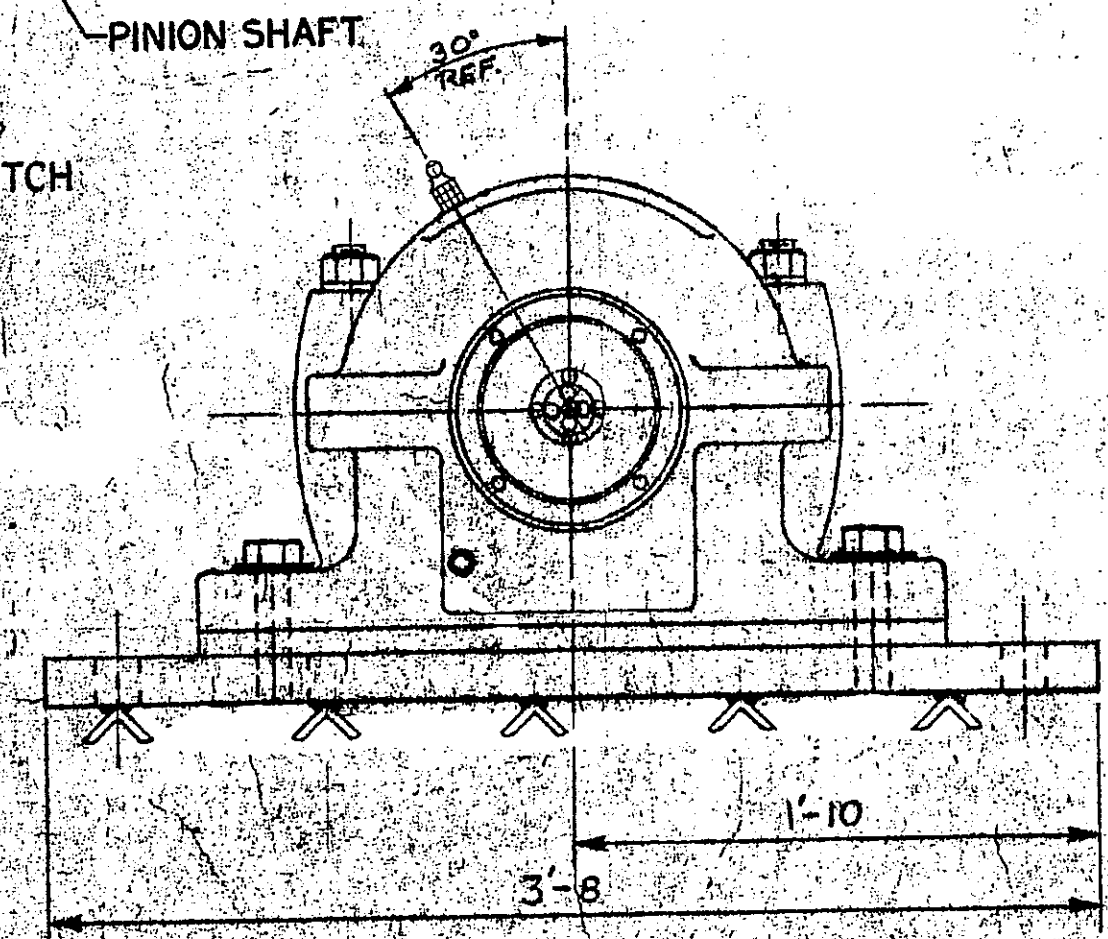


103285-91 PINION BEARING ASSEMBLY-LEFT HAND

STEP DRILL IN FIELD, 3/8" DRILL THRU, 1/2" DRILL x 4 DEEP, 3/8" DRILL x 2 DEEP. REAM WITH NO. 10 AMERICAN STANDARD TAPER PIN REAMER (1/8" PER FOOT TAPER) TO .004 DIA AT TOP OF PILLOW BLOCK.



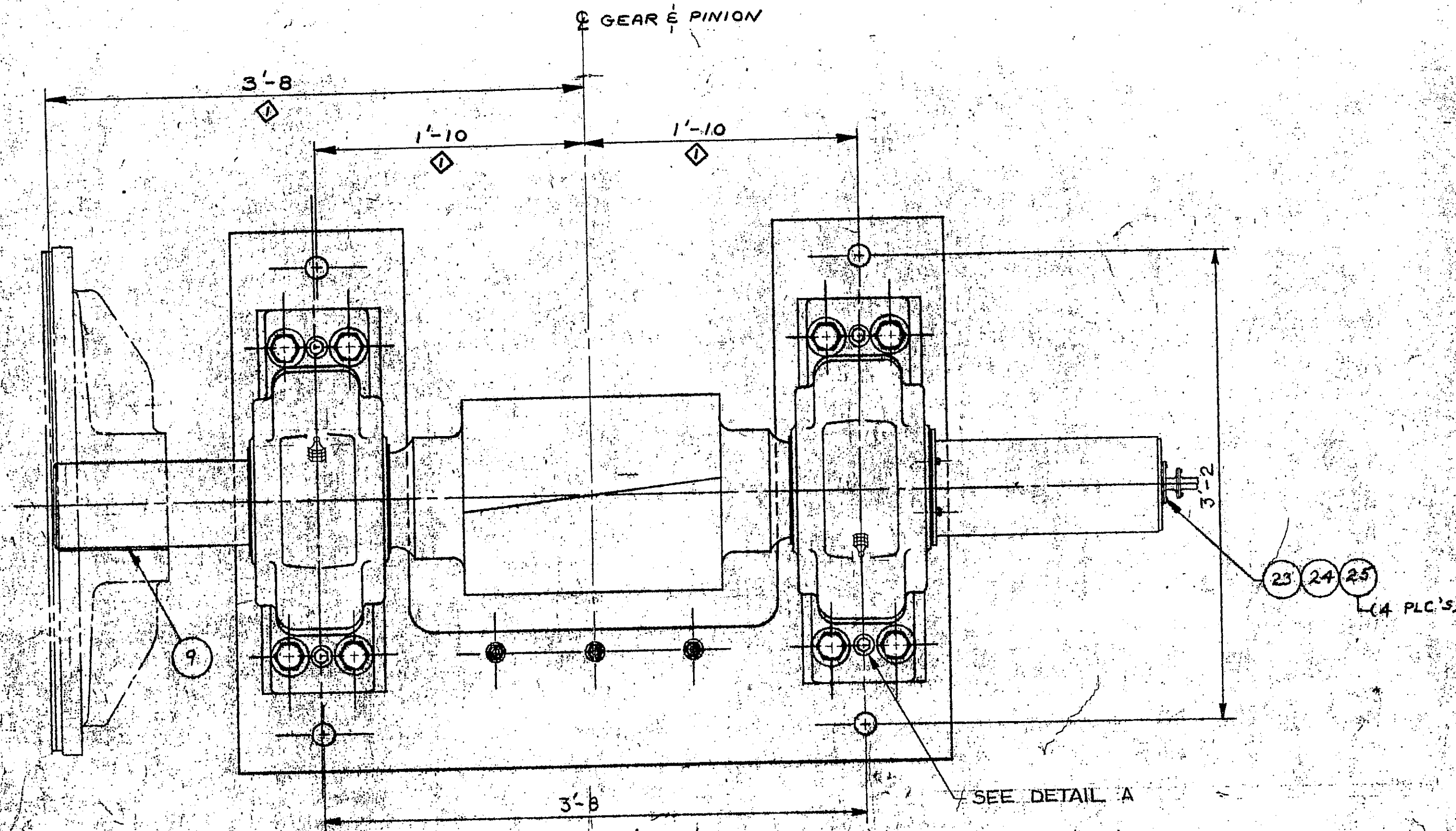
DETAIL "B" INSTALLATION OF CLUTCH TO PINION SHAFT SCALE: NONE



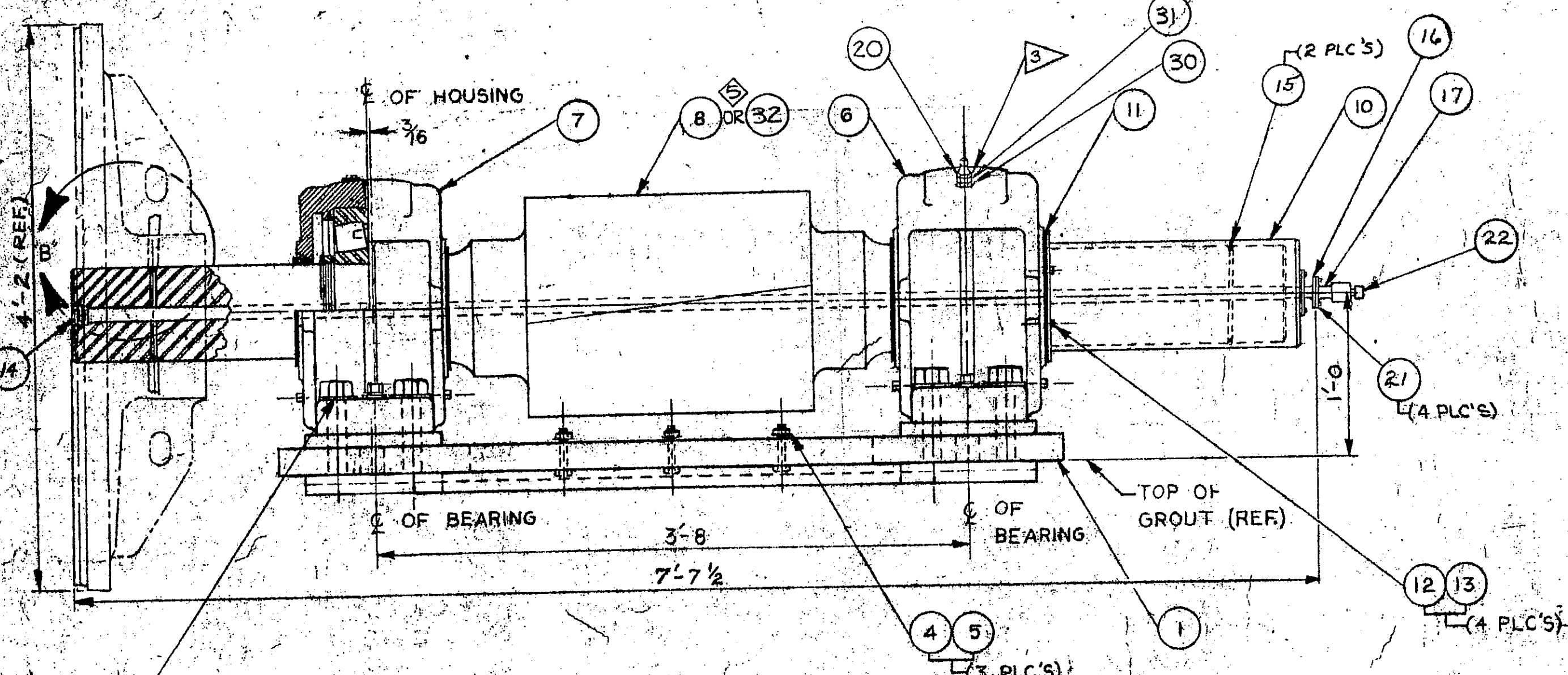
SIDE VIEW

103285-90 PINION BEARING ASSEMBLY- RIGHT HAND

FOR REDUCTION OF THIS DWG SEE DWG. NO. 501464
THIS DWG MADE FROM 102433



TOP VIEW



FRONT VIEW