

MODIFIED MACHINE

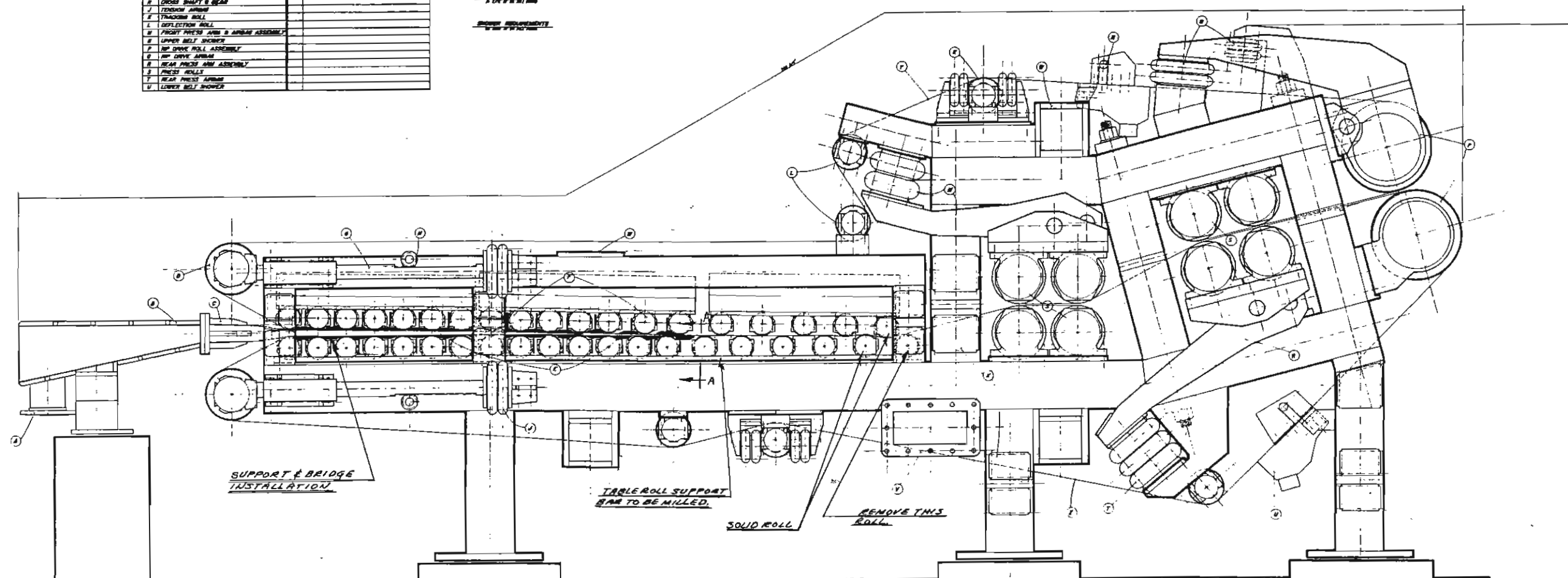
KEY	
A 1" DIA. ARM PLATE (BOLT)	V DISCHARGE PLATE
B HEADBOX	W CANTILEVER POINT
C DEFLECTION ROLL	X FRAME BOLT COUNTER
D TENSION ROLL	Y UPPER BOLT
E WEAR ROLL	Z LOWER BOLT
F TABLE ROLL	
G THRUST SHAFT	
H CROSS SHAFT & GEAR	
I TENSION ARM	
J TRACKING ROLL	
K DEFLECTION ROLL	
L FRONT PRESS ARM & ARMASSEMBLY	
M UPPER BOLT SHOWER	
N SP DRIVE ROLL ASSEMBLY	
O SP DRIVE ARMASSEMBLY	
P REAR PRESS ARM ASSEMBLY	
Q PRESS ROLL	
R REAR PRESS ARMASSEMBLY	
S LOWER BOLT SHOWER	

GENERAL DATA

SP DRIVE ROLL ASSEMBLY
SEE DETAIL 10

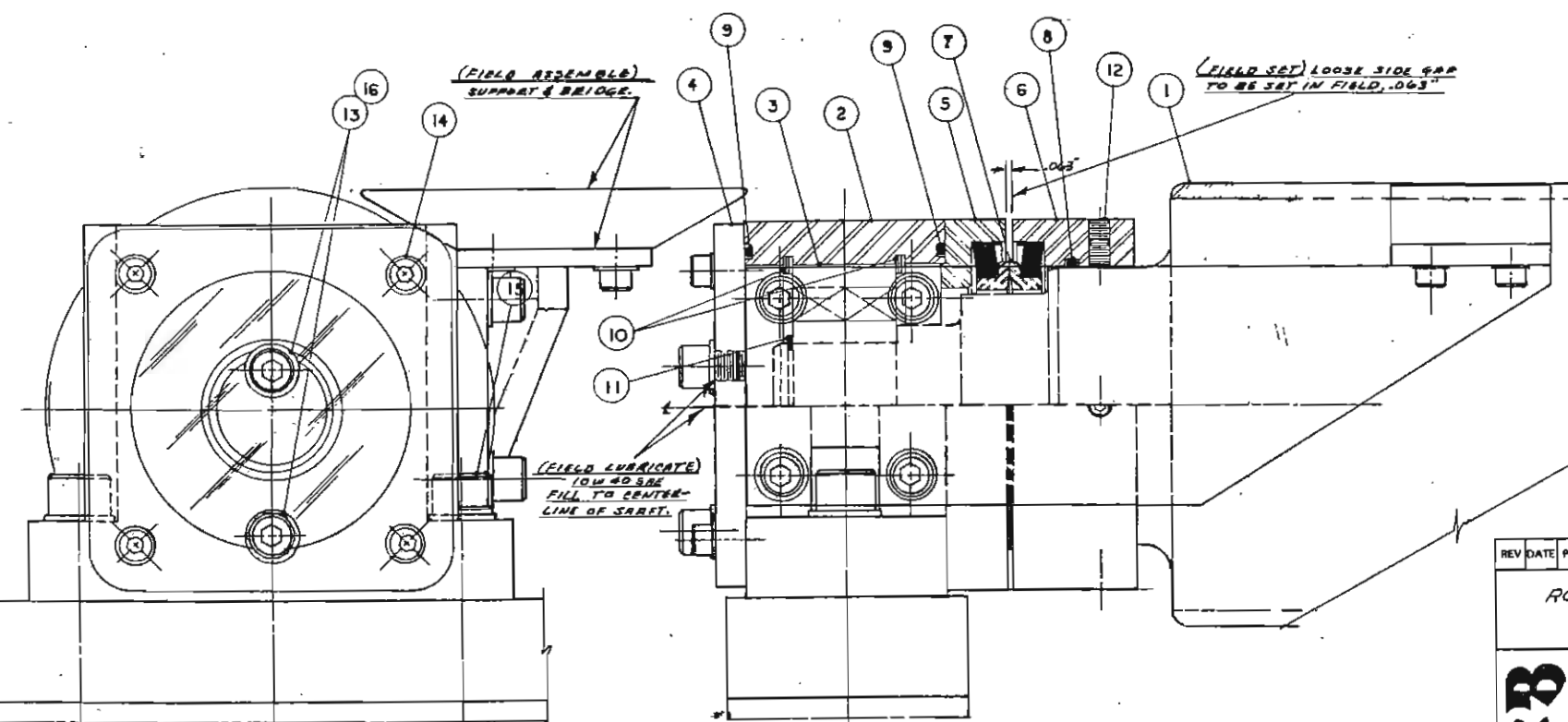
SP DRIVE ARMASSEMBLY
SEE DETAIL 11

SP DRIVE ROLL ASSEMBLY
SEE DETAIL 12



MILL (HEIGHT ONLY) DOWN TO 1/4". REMOVE MATL. FROM BOTTOM SIDE ONLY. SEE TABLE ROLL SUPPORT BAR DETAILS.

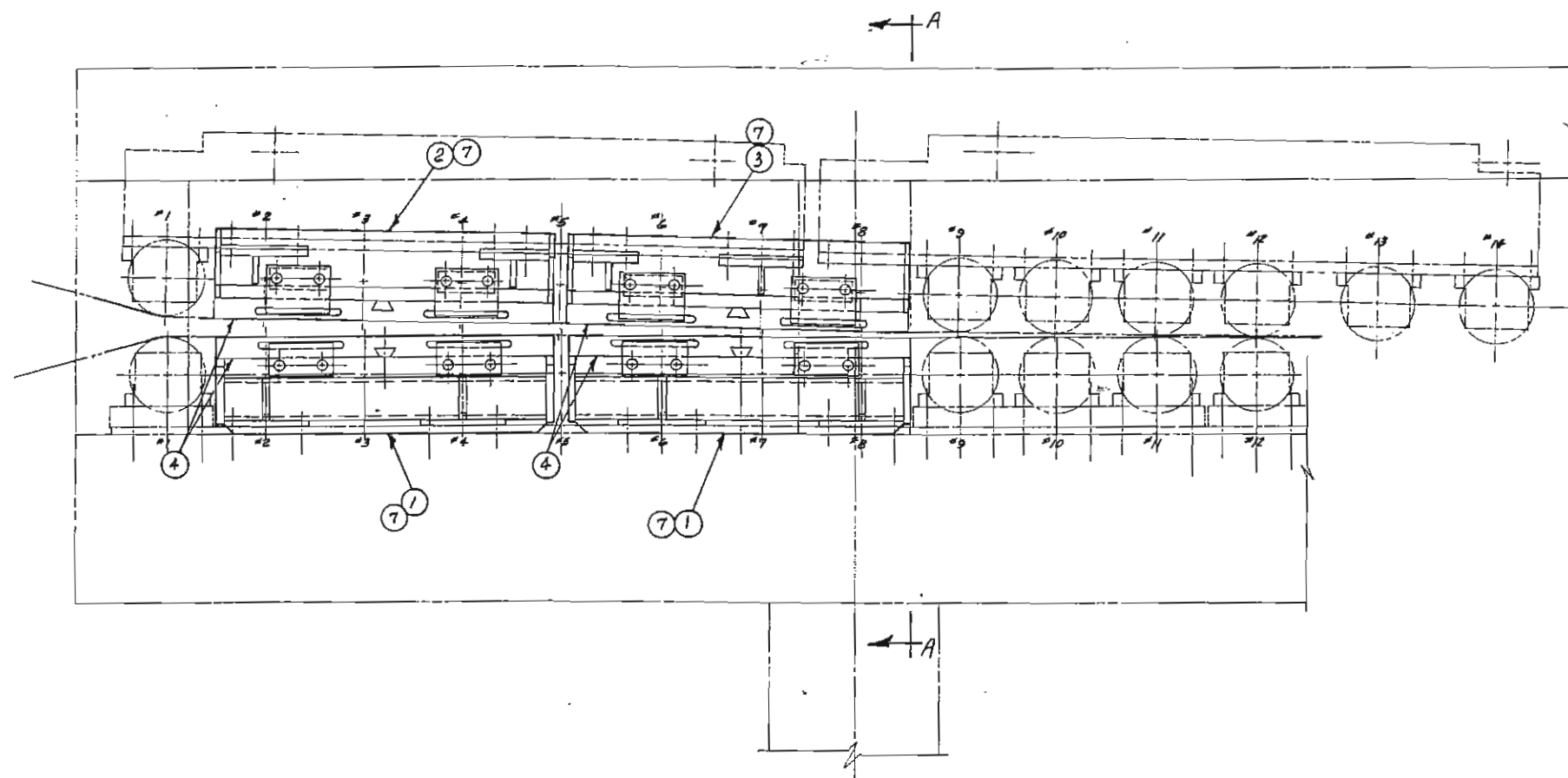
SIDE ELEV.



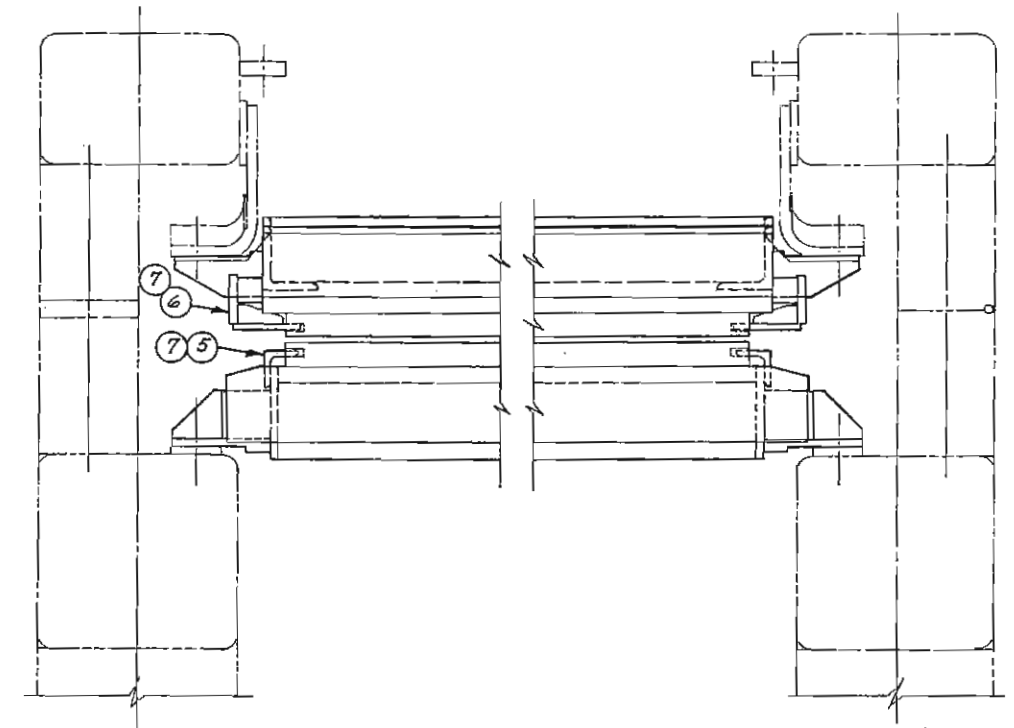
VIEW A-A

REV	DATE	PAR	REVISION
ROLLER & ROLLER BRIDGE, FIELD ASSEMBLY GENERAL ARRANGEMENT.			
F&B Fields & Boyd, Inc.		Fields & Boyd, Inc.	
DCAL 3-2000	APV.		
CK.	ECH.		
1" = 1 CM			
No.			

4



SIDE ELEVATION



VIEW "A-A"

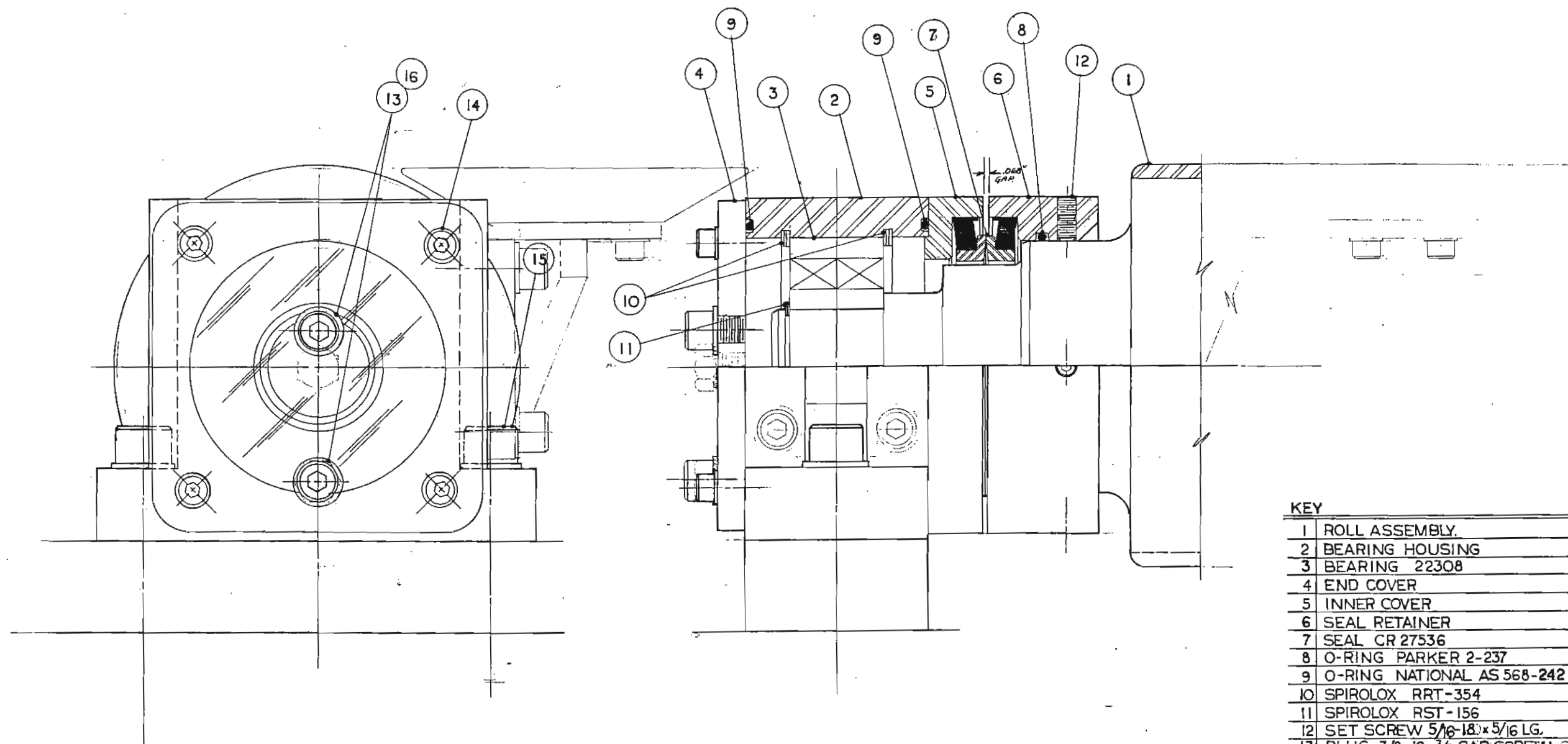
FRONT WEDGE SECTION
8 1/4" x 11 1/2"

NOTES:

1. REMOVE UPPER ROLLS #2, #3, #4, #5, #6, #7 & #8.
2. REMOVE LOWER ROLLS #2, #3, #4, #5, #6, #7 & #8.
3. REMOVE SUPPORT BLOCK UNDER LOWER ROLLS #2, #3, #4, #5, #6, #7 & #8.
4. INSTALL ASSEMBLED TOP REAR COVER & FRAME TO REAR OF FRONT ADJ. ANGLES.
5. INSTALL ASSEMBLED TOP FRONT COVER & FRAME TO FRONT OF FRONT ADJ. ANGLES.
6. INSTALL ASSEMBLED LOWER REAR COVER & FRAME, THEN LOWER FRONT ASSEMBLED COVER & FRAME, THEN ADJUST UNIT AS REQ'D.

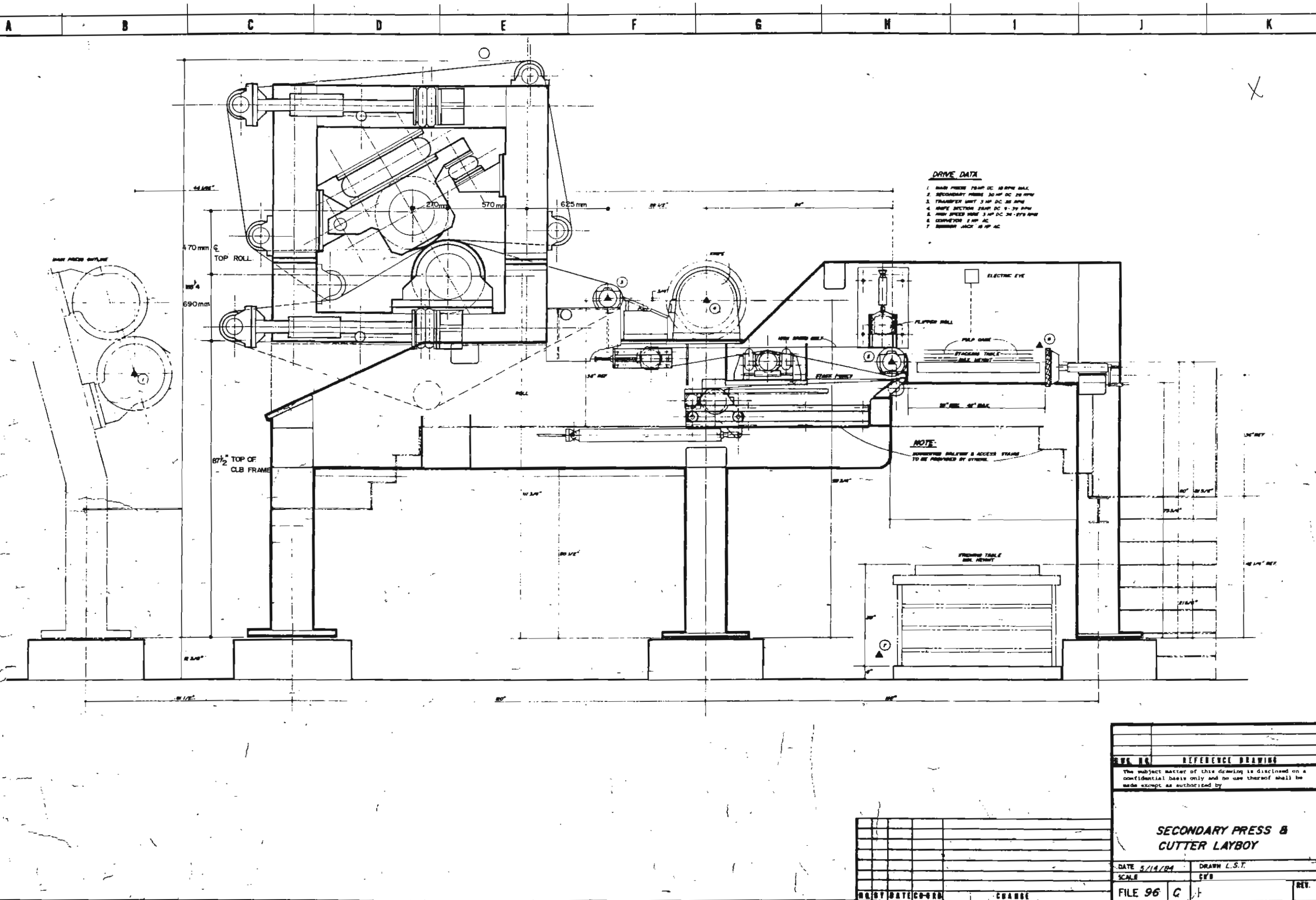
7	64	CAP SCREW	1/2"-13 x 1 1/4" W/L.W.	3.5.
6	8	FEB-10012-3	UPPER WEDGE COVER BRACKET.	
5	8	FEB-10012-2	LOWER WEDGE COVER BRACKET.	
4	4	WT-80-1044	WEDGE COVER 24x85 x 1 1/4" THK.	
3	1	FEB-10011-2	REAR UPPER SUPPORT FRAME	
2	1	FEB-10011-1	FRONT UPPER SUPPORT FRAME.	
1	2	FEB-10010-1	LOWER SUPPORT FRAME.	
NO. QTY.		DWG. NO.		

TOLERANCES (UNLESS AS NOTED)		REVISIONS		WEDGE COVER SECTION ASSEMBLY.
NO.	DATE	BY		
1				
2				
3				
DECIMAL				
1				
FRACTIONAL				
1				
ANGULAR				
1				
TRACES				
DRAWN BY		SCALE	APPROVED	MATERIAL
C.N.L.T-6-89		DATE		N.A.
CHK'D		DATE		DRAWING NO.



KEY	
1	ROLL ASSEMBLY
2	BEARING HOUSING
3	BEARING 22308
4	END COVER
5	INNER COVER
6	SEAL RETAINER
7	SEAL CR 27536
8	O-RING PARKER 2-237
9	O-RING NATIONAL AS 568-242
10	SPIROLOX RRT-354
11	SPIROLOX RST-156
12	SET SCREW 5/16-18x5/16 LG.
13	PLUG-3/8-16x3/8 CAP SCREW
14	CAP SCREW 1/4-20x3 1/4 LG.
15	CAP SCREW 1/2-13x3 LG.
16	SEAL PARKER 600-001-3/8

TOLERANCES (EXCEPT AS NOTED)				FIELD & BOYD INC. LAKE		
DECIMAL	NO.	DATE	BY	BEARING ASSEMBLY TABLE ROLLER		
±	1			DRAWN BY C.M.L. 8-4-88	SCALE FULL	MATERIAL N.B.
FRACTIONAL	2			CHK'D	DATE	
±	3			TRACED	APP'D	
ANGULAR	4					
±	5					



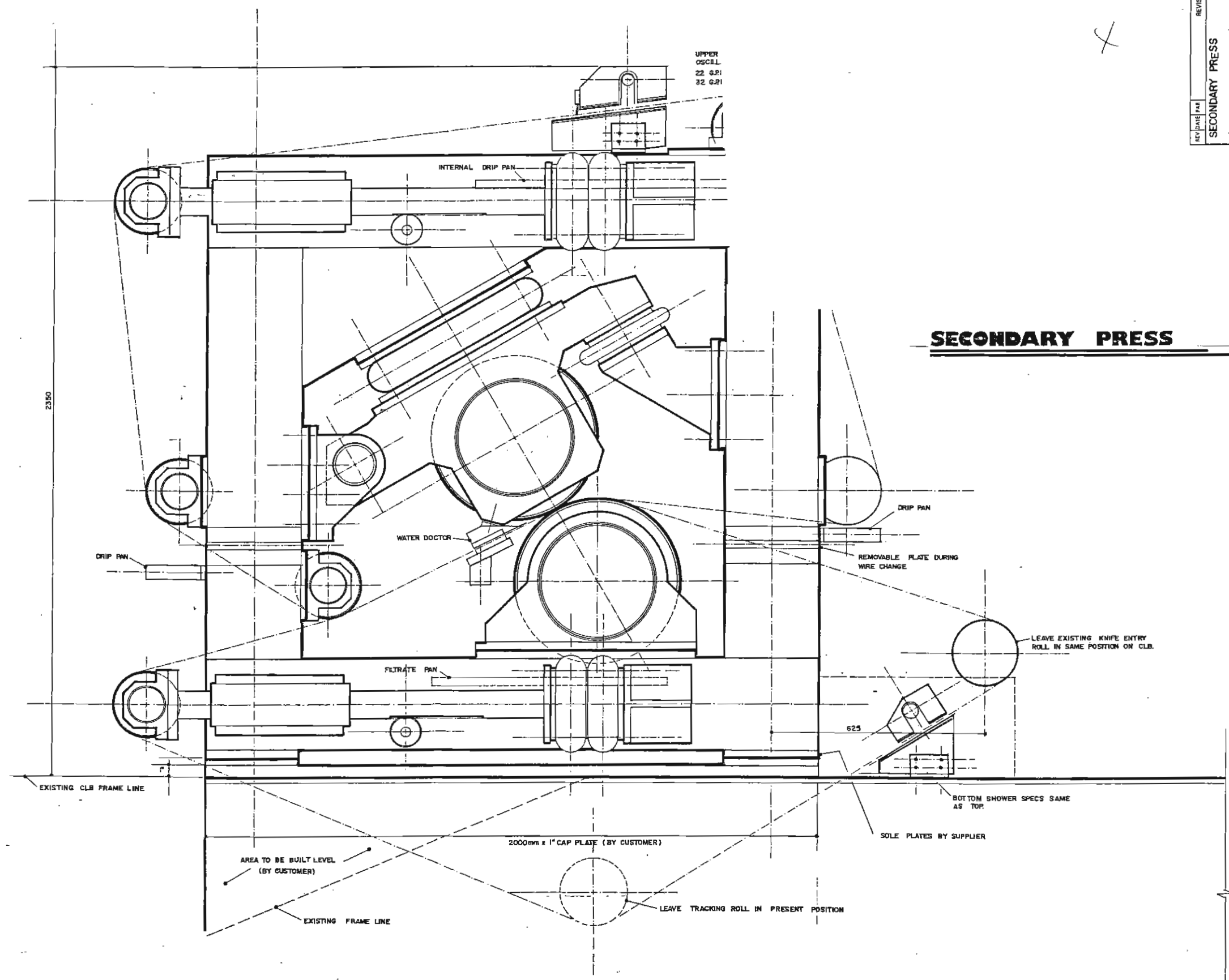
DRIVE DATA

- 1. MAIN PRESS 75 HP DC 18 RPM MAX.
- 2. SECONDARY PRESS 30 HP DC 20 RPM
- 3. TRANSFER UNIT 5 HP DC 30 RPM
- 4. GUIDE SECTION 25 HP DC 9 - 30 RPM
- 5. HIGH SPEED WIRE 5 HP DC 34 - 270 RPM
- 6. COMPACTOR 2 HP AC
- 7. RUBBER JACK 15 HP AC

NOTE:

REWORKING BALANCE & ACCESS STANDS TO BE PROVIDED BY OTHERS.

REF. NO.		REFERENCE DRAWING	
The subject matter of this drawing is disclosed on a confidential basis only and no use thereof shall be made except as authorized by			
DATE 5/14/84		DRAWN L.S.T.	
SCALE		SVP	
FILE 96 C		REV.	



SECONDARY PRESS

REV	DATE	BY	CHKD	REVISION
J				SECONDARY PRESS

Fields & Boyd, Inc.

Fields & Boyd, Inc.

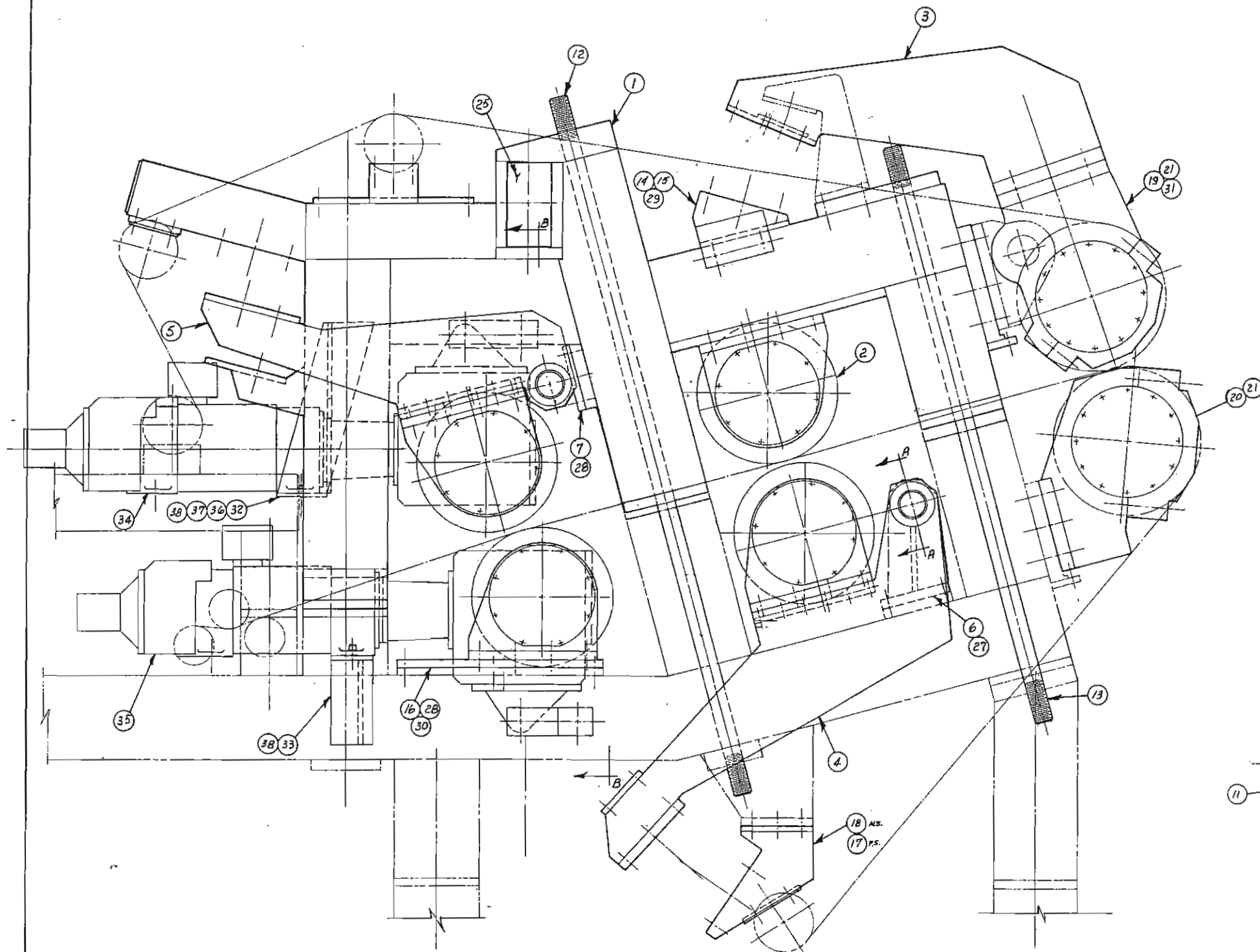
NO. 1001

JR

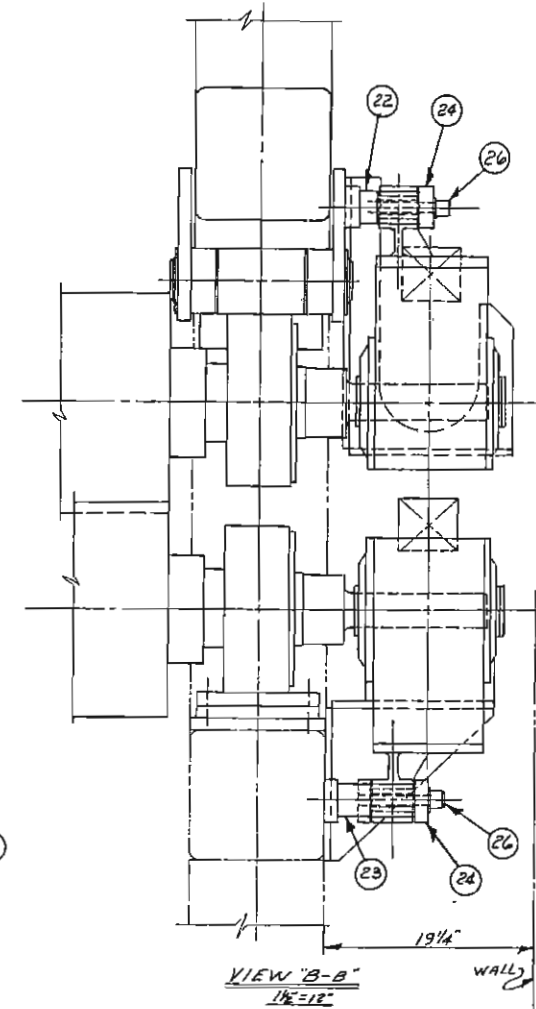
1" = 1' 0"

1" = 1' 0"

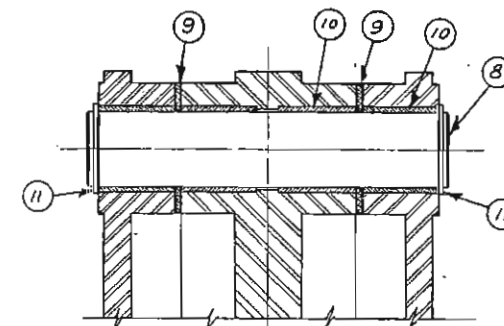
1" = 1' 0"



SIDE ELEV. HIGH PRESSURE SECT.
1 1/2" = 12"



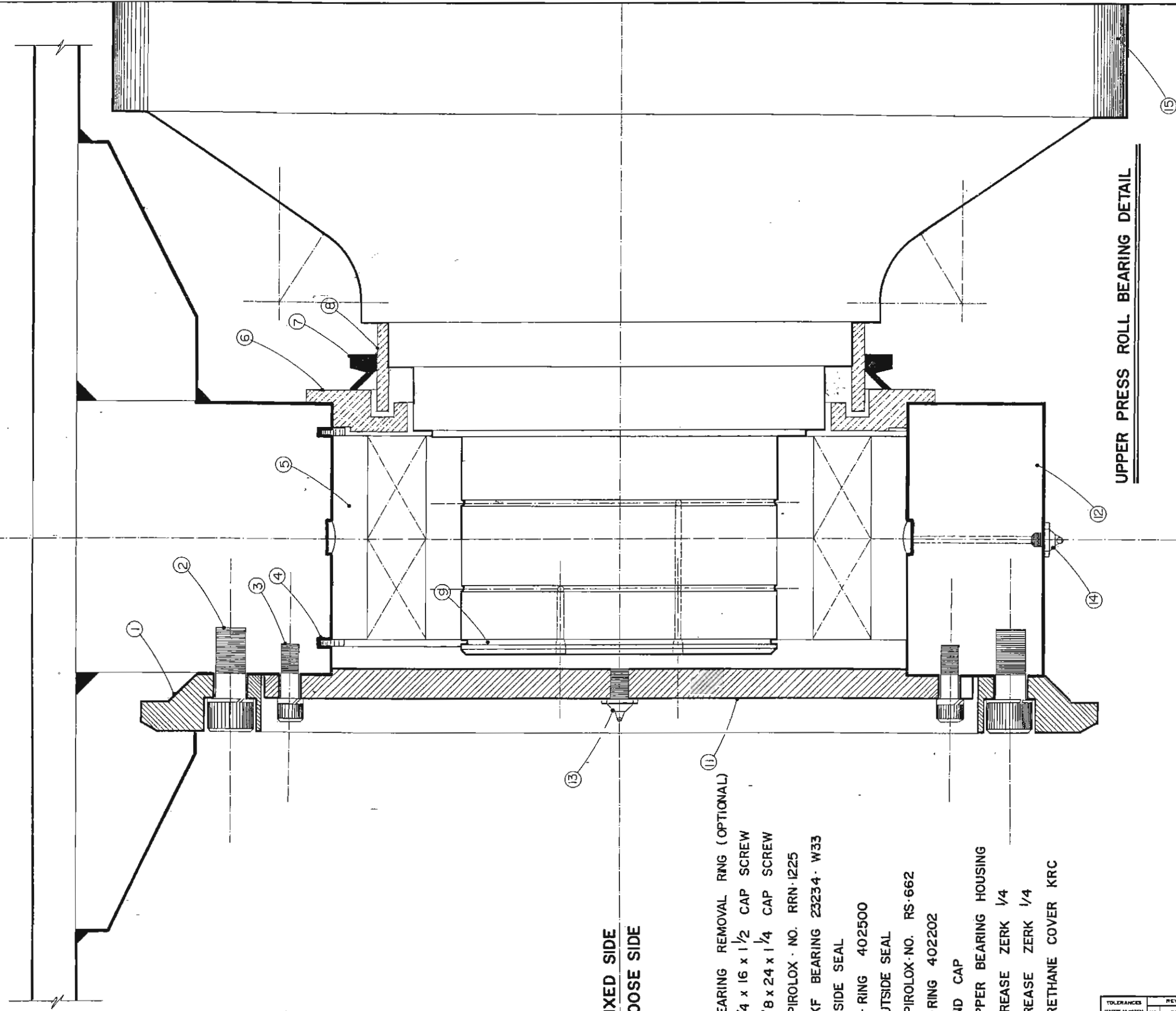
VIEW B-B
1 1/2" = 12"



SECT. A-A
3" = 12"

NO.	QTY.	DESC.	NO.	QTY.	DESC.
38	4	CAP SCREW 1/2" Ø-13 X 1 1/2" W/L.W.	5.S.		
37	2	CAP SCREW 5/8" Ø X 2" W/NUT, FM, # L.W.	5.S.		
36	1	EYE TO EYE TURN BUCKLE 5/8" X 16"			
35	1	KA-106-LP-254 REDUCER W/MOTOR LOWER			
34	1	KA-106-LP-254 REDUCER W/MOTOR, UPPER			
33	1	FEB-10009-2 LOWER MOTOR SUPPORT			
32	1	FEB-10009-1 UPPER MOTOR SUPPORT			
31	12	CAP SCREW 1 1/2" Ø-6 X 3 1/2" W/L.W.	5.S.		
30	16	CAP SCREW 3/4" Ø-10 X 2 1/2" W/L.W.	5.S.		
29	8	CAP SCREW 3/4" Ø-10 X 2" W/L.W.	5.S.		
28	40	CAP SCREW 1" Ø-8 X 1 1/2" W/L.W.	5.S.		
27	8	CAP SCREW 1" Ø-8 X 3" W/L.W.	5.S.		
26	4	CAP SCREW 1" Ø-8 X 1 1/2" W/LOCK WASH. 5.S.			
25	1	FEB-10008-1 CRUTILEVER BEAM.			
24	2	FEB-10008-6 TORQUE ARM.			
23	1	FEB-10008-5 LOWER TORQUE ARM. ANCHOR.			
22	1	FEB-10008-4 UPPER TORQUE ARM. ANCHOR.			
21	4	MV-1517 INSIDE SEAL PLATE.			
20	8	MV-1516 LOWER DRIVE ROLL-BEG. HSG.			
19	2	MV-1513 UPPER DRIVE ROLL-BEG. HSG.			
18	1	FEB-10008-21 SUPPORT BRACKET, AIR BAG.			
17	1	FEB-10008-22 SUPPORT BRACKET, AIR BAG.			
16	2	FEB-10008-23 ADAPTER A. PRESS ROLL BAG.			
15	2	FEB-10008-3 BRACKET, AIR BAG SUPPORT			
14	2	FEB-10008-2 BRACKET, AIR BAG SUPPORT			
13	2	FEB-10123-15 TIE BOLT.			
12	2	FEB-10123-14 TIE BOLT.			
11	8	FEB-10123-11 RETAINING RING.			
10	16	FEB-10123-10 BUSHING.			
9	8	FEB-10123-9 SPACER.			
8	4	FEB-10123-3 PIVOT PIN.			
7	2	FEB-10123-2 PIVOT BRACKET, FRONT PRESS ARM.			
6	2	FEB-10123-1 PIVOT BRACKET, REAR PRESS ARM.			
5	2	FEB-10110 FRONT PRESS ARM.			
4	2	FEB-10111 REAR PRESS ARM.			
3	2	FEB-10600 DRIVE-PRESS ARM.			
2	4	FEB-10002 DRIVE-PRESS ROLL ASSY.			
1	1	FEB-10590 HIGH PRESSURE FRAME.			

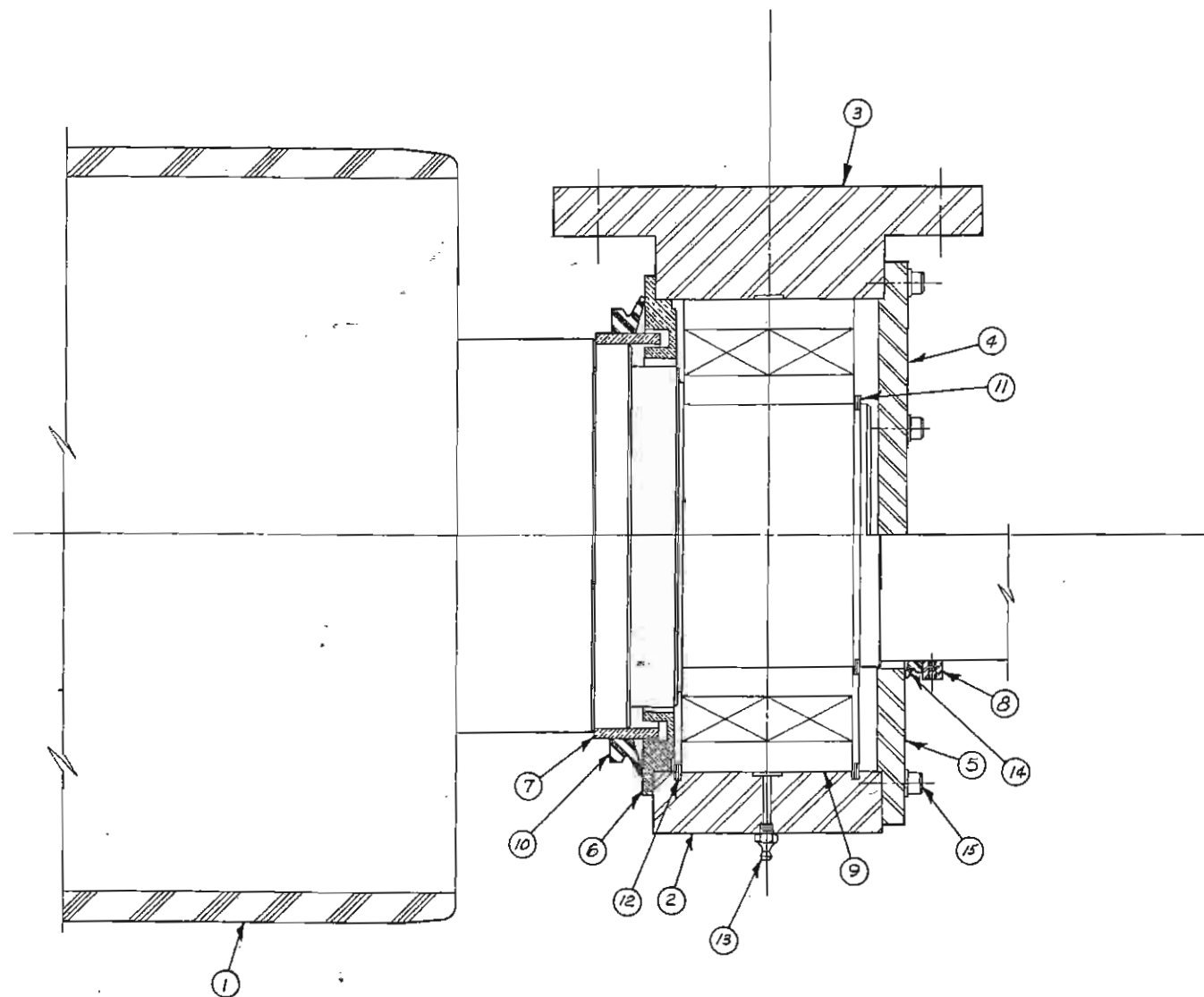
TOLERANCES	REVISIONS	FIELD & BOYD INC.
DECIMAL	NO. DATE BY	10.
FRACTIONAL		HIGH PRESSURE SECTION ASSEMBLY.
ANGULAR		DRAWN BY DATE
		SCALE 1/4" = 1" MATERIAL
		DATE APPR. DRAWING NO.



FIXED SIDE
LOOSE SIDE

- 1 BEARING REMOVAL RING (OPTIONAL)
- 2 3/4 x 16 x 1 1/2 CAP SCREW
- 3 3/8 x 24 x 1/4 CAP SCREW
- 4 SPIROLOX - NO. RRN-1225
- 5 SKF BEARING 23234-W33
- 6 INSIDE SEAL
- 7 V-RING 402500
- 8 OUTSIDE SEAL
- 9 SPIROLOX-NO. RS-662
- 10 V-RING 402202
- 11 END CAP
- 12 UPPER BEARING HOUSING
- 13 GREASE ZERK 1/4
- 14 GREASE ZERK 1/4
- 15 URETHANE COVER KRC

TOLERANCES		REVISIONS			FIELDS & BOYD, INC.		
(EXCEPT AS NOTED)		NO.	DATE	BY	UPPER HOUSING DETAIL		
DECIMAL		1					
FRACTIONAL		2					
ANGULAR		3					
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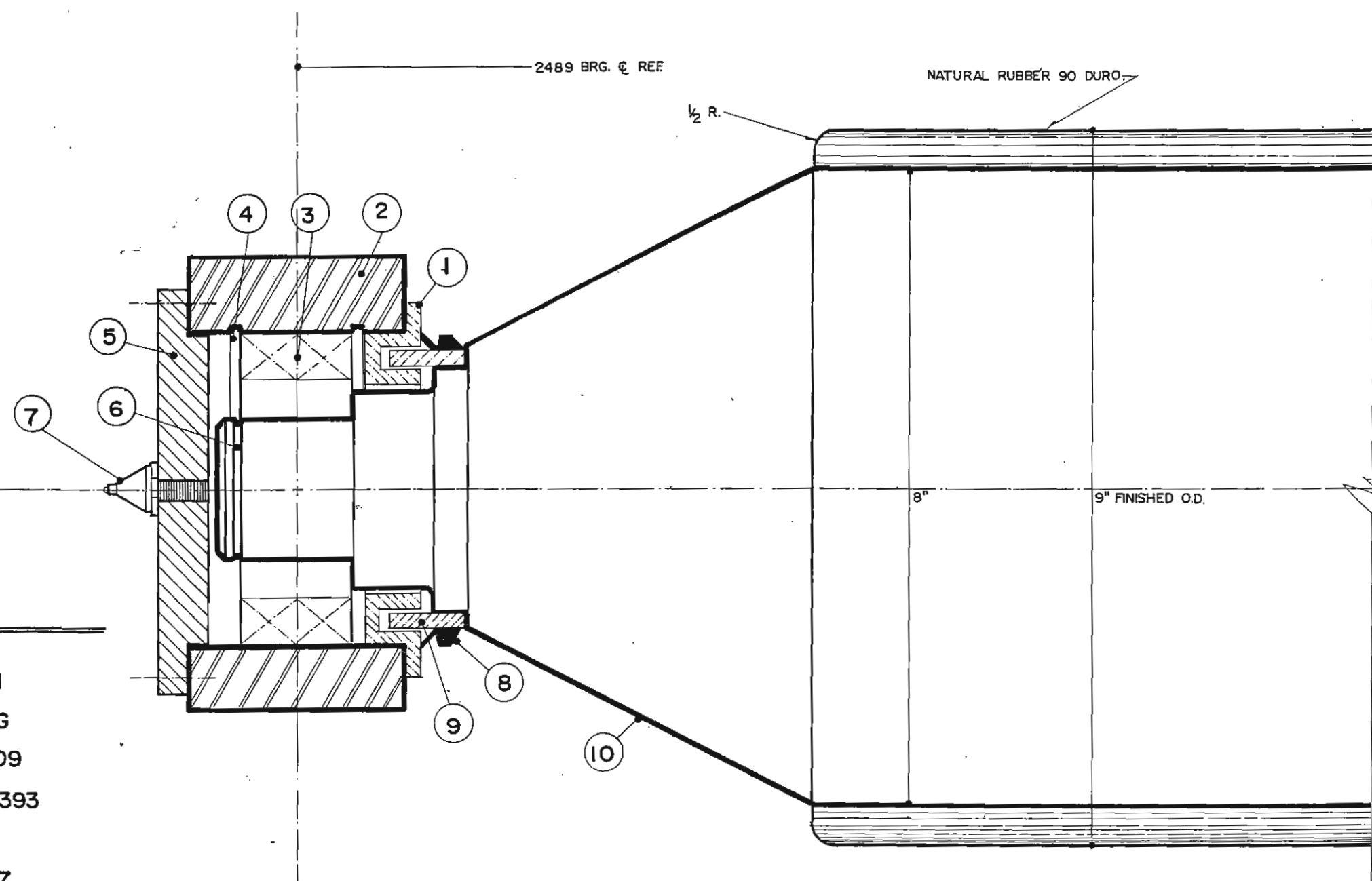


DRIVE-PRESS ROLL & BEARING ASSEMBLY
1/4" - 1"
4-REQ'D. COMPLETE ROLL & BRGS.

15	64	3/8"-24 x 1 1/4"	CAP SCREW W/L.W.	S.S.
14	4	# 401700	V-RING	
13	8		1/4" GREASE ZERR	
12	8	"ERN-1225	SPIROLOX RING	
11	8	"RS-662	SPIROLOX RING	
10	8	"402500	V-RING	
9	8	"23234-W33	BEARING	
8	4	FEB-10007-4	SEAL RING	
7	8	FEB-10007-3	OUTSIDE LABYRINTH	
6	8	FEB-10007-2	INSIDE LABYRINTH	
5	4	FEB-10007-6	END COVER W/HOLE	
4	4	FEB-10007-1	END COVER W/O HOLE	
3	4	FEB-10006-4	BEARING HOUSING (LOOSE)	
2	4	FEB-10006-3	BEARING HOUSING (FIXED)	
1	4	FEB-10003	DRIVE-PRESS ROLL	
NO. QTY. DWG. NO.				DESCRIPTION
FIELD & BOYD INC.				
DRIVE-PRESS ROLL & BEARING ASSEMBLY				
TOLERANCES UNLESS OTHERWISE SPECIFIED				
DECIMAL	1	DATE	BY	
FRACTIONAL	2			
ANGULAR	3			
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KEY

- 1 INSIDE LABYRINTH
- 2 BEARING HOUSING
- 3 BEARING NO. 22309
- 4 SPIROLOX RRT-393
- 5 END COVER
- 6 SPIROLOX RSN-177
- 7 GREASE ZERK $\frac{1}{4}$ "
- 8 "V" RING 400851
- 9 OUTSIDE LABYRINTH
- 10 DEFLECTION ROLL



DEFLECTION ROLL ASSEMBLY

TOLERANCES (EXCEPT AS NOTED)	REVISIONS			FIELDS & BOYD, INC.		
	NO.	DATE	BY	DEFLECTION/TRACKING ROLL		
DECIMAL	1			DRAWN BY WMT	SCALE Full	MATERIAL noted
FRACTIONAL	2					
	3			CHK'D	DATE	DRAWING NO.
ANGULAR	4					
	5			TRACED	APP'D	

ORIGINAL MACHINE

MATERIAL LIST DB10975

ITEM NO.	QTY	DESCRIPTION	MAT'L	W.L.B.
1	1	FINAL ASSEMBLY 80-SXL L.H. MACHINE		32000
DB 10900-1	1	LOWER FRAME ASSEMBLY 80-SXL		47503
DB 10947-1	1	FEED PLATE INSTALLATION		216
DB 10965-1	1	DB BLADE INSTALLATION 80-SXL		350
DB 10709-7	1	UPPER SHOWER BOX ASSEMBLY L.H. MACH.		330
AB 10756-1	1	CANTILEVER BEAM NO-1-NUMBER PLATE		
09021-1	2	TRACKING VALVE & SUPPORT ASSY		
DB 10973-1	1	HIGH PRESSURE FRAME ASSY 80-SXL		32000
DB 10936-1	1	LOW PRESSURE FRAME ASSY 80-SXL (80-SXL)		15200
AB 10756-2	1	CANTILEVER BEAM NO-2-NUMBER PLATE		
AB 10646-1	2	NAMEPLATE - SEW-BELT PRESS		
DB 10638-1	1	DEFLECTOR PLATE ASSY BOX LPT R.H.		18
DB 10638-7	1	DEFLECTOR PLATE ASSY BOX LPT L.H.		18
AB 10756-1	1	CANTILEVER BEAM NO-4-NUMBER PLATE		
AB 10756-3	1	CANTILEVER BEAM NO-3-NUMBER PLATE		
AB 10647-1	2	NAMEPLATE - CANTILEVER INSTRUCTION		
DB 10968-1	1	LIMIT SWITCH INSTALLATION 80-SXL		
DB 10709-6	1	LOWER SHOWER BOX ASSY L.H. MACHINE		287
DB 10974-2	2	BELT SCANDIA FELT ANI FAB 870 85"X662"		350
-3	8	#7-2 1/2" TAPER DOWEL PIN (TMEADED)	S.S.	
-4	4	#7-3/4" TAPER DOWEL PIN	S.S.	
-5	12	#9-4" TAPER DOWEL PIN (TMEADED)	S.S.	
-6	38	4"x4" DRIVE SCREW	S.S.	
-7	2	1/2" DIA S.S. CONTROL & ASSEMBLED PUSH BUTTON STATION NEMA 4 ENCL. 1/2" STOP MUSHROOM BUTTON	PURCHASED BY ELECTRICAL	
-8	8	#8-32 UNC SOCKET HEAD CAP SCREW 1" Lg	S.S.	
-9	1	3/8" DOWEL PIN 1 1/2" Lg	S.S.	
-10	22	3/8" DOWEL PIN 1 1/2" Lg	S.S.	
-11	1	HOFFMAN COVER BOX # A-806CH		
-12	1	HOFFMAN PANEL # A-BP6		
-13	4	1/4"-20 UNC HEX HEAD CAP SCREW	S.S.	

- NOTES:
1. ALL DIMENSIONS FOR REF. ONLY
 2. LOCATE ALL NUMBER PLATES AND CANTILEVER INSTRUCTION PLATE ON CANTILEVER SIDE.

DB 10972 PNEUMATIC TUBE INSTALLATION
 DB 10512 DRIVE INSTALLATION ASSY
 DB 10553 MACHINE MOUNTED FEEDER ASSY ASSY
 DWG. NO. REFERENCE DRAWING

The subject matter of this drawing is disclosed on a confidential basis only and no use thereof shall be made except as authorized.

FINAL ASSEMBLY - SXL
 L.H. MACHINE

DATE 9-19-84 DRAWN M. GORELIK
 SCALE 1"=12" ENR J.H.

1 FINAL ASSEMBLY-805XL-L.H. MACHINE

