

STUDENTS WILL IDENTIFY EACH OF SYMBOLOGY ON THE ATTACHED BLUEPRINT.

1.

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10.

11.

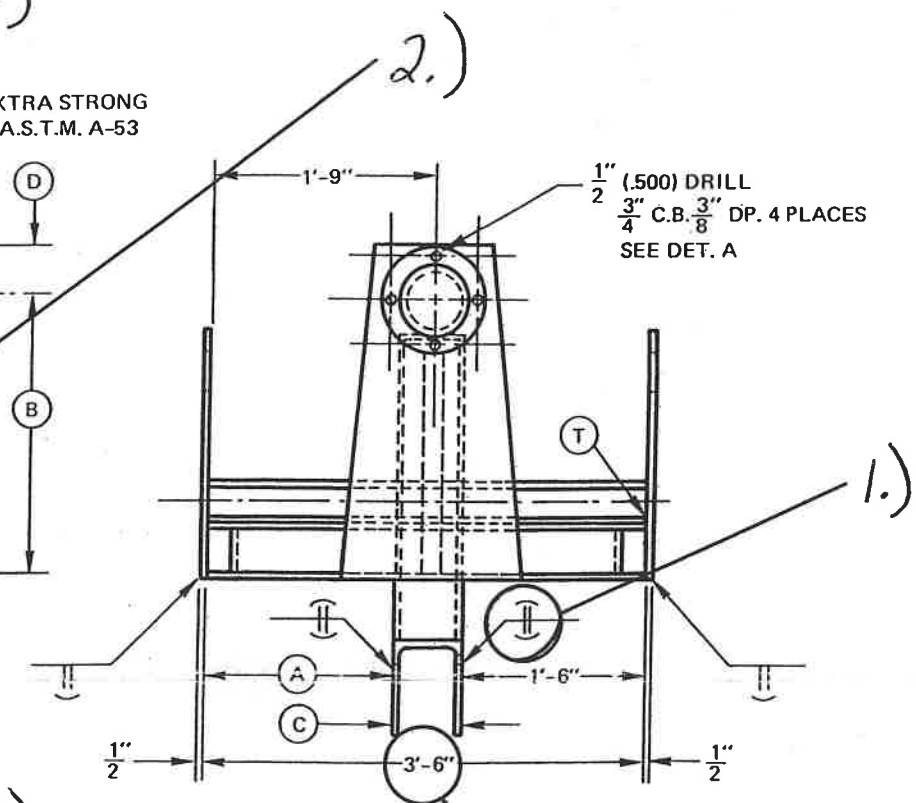
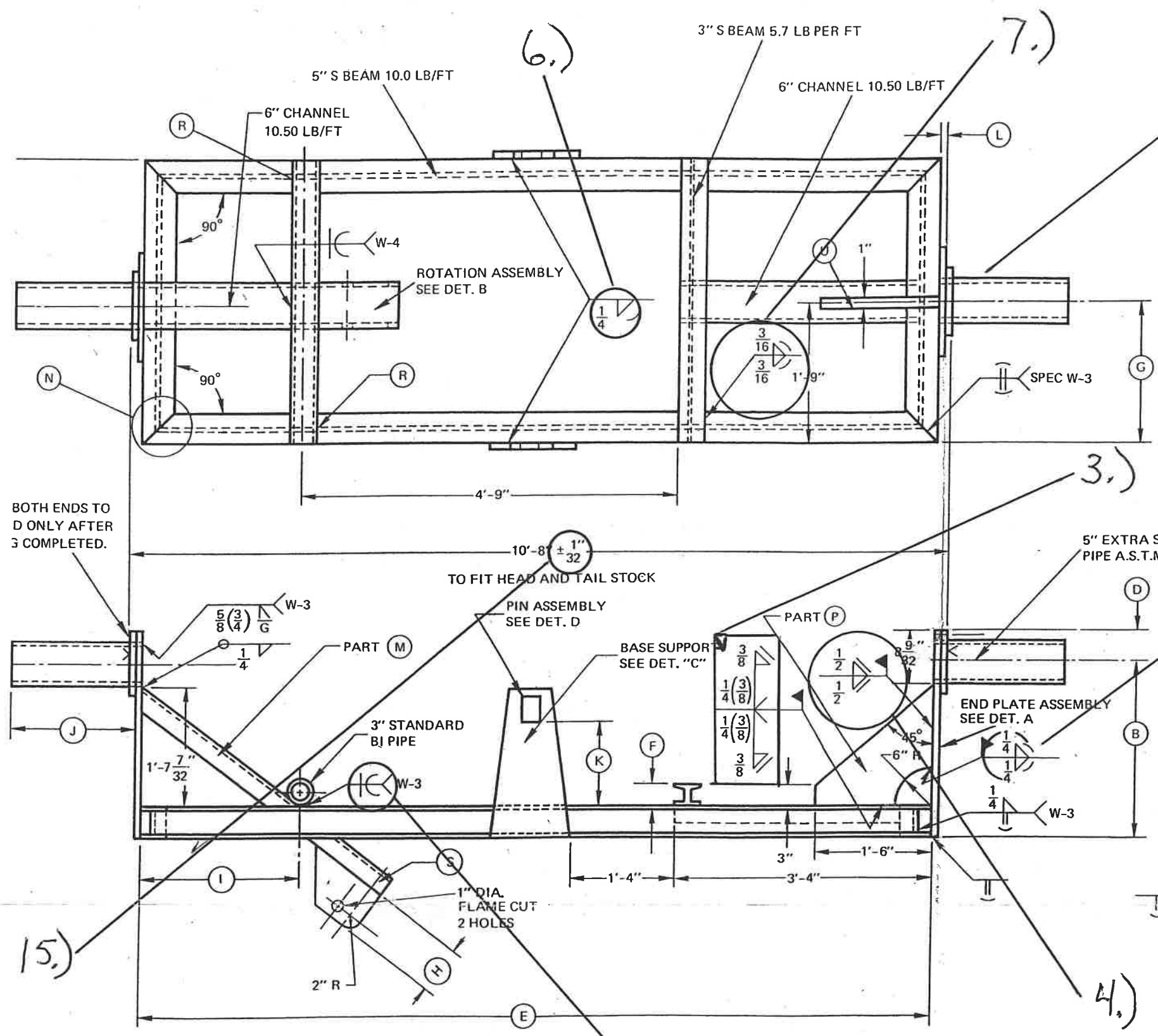
12.

COMPREHENSIVE REVIEW

13.) What size Pipe?

TABLE OF CONVERSIONS FOR MOLD POSITIONER, ASSEMBLY DRAWING			
FEET AND INCHES	MILLIMETER	FEET AND INCHES	MILLIMETERS
1/32"	0.8	5"	127.0
1/8"	3.2	6"	152.4
3/8"	9.5	8 3/4"	222.3
1/2"	12.7	1'-4"	406.4
5/8"	15.9	1'-6"	457.2
3/4"	19.1	1'-9"	533.4
1"	25.4	3'-4"	1016.0
2"	50.8	3'-6"	1066.8
3"	76.2	4'-9"	1447.8
		10'-8" ± 1/32"	3251 ± .8

NOTE: MILLIMETER DIMENSIONS ARE ROUNDED OFF TO NEAREST TENTH



14.) What is min. and max tolerance

BOTH ENDS TO D ONLY AFTER 3 COMPLETED.

- W-1 COMPLETE ASSEMBLY TO BE TACK WELDED USING A.W.S. E-6011
- W-2 FINAL WELDS TO BE A.W.S. E-7018 OF APPROPRIATE SIZE
- W-3 SIMILAR JOINTS REQ. SIMILAR WELDS
- W-4 TO BE SHOP STD.
- W-5 ALL MEMBERS TO BE FLAME CUT

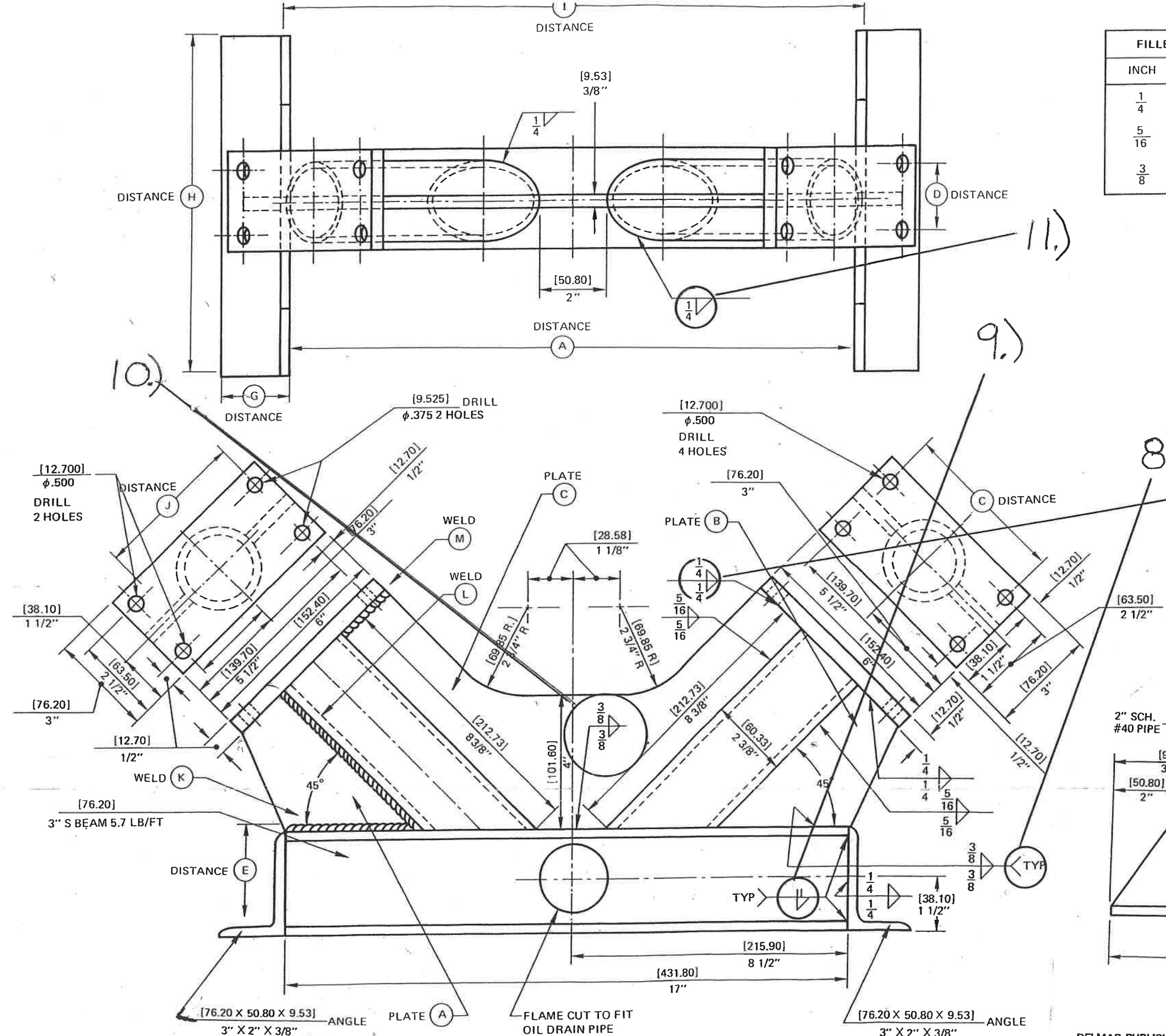
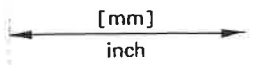
FILLET SIZES	
INCHES	mm
3/16	5
1/4	6
3/8	10
1/2	13

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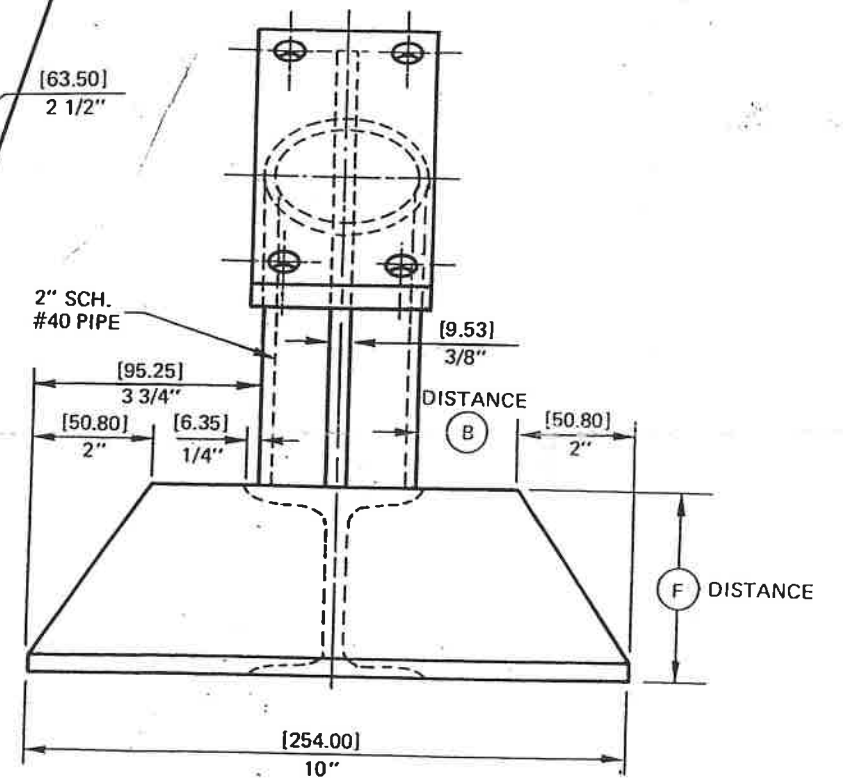
QTY.: 1 ONLY	ORDER NO. 1062
DATE: 3-6-83	DWG. NO. 0196
SCALE: 3/4" = 1'-0"	
MAT.: UNLESS OTHERWISE SPECIFIED TO BE SHOP STANDARD	
DRAWN BY: J.A.C.	
TOLERANCE: ± 1/8" UNLESS OTHERWISE NOTED	
MOLD POSITIONER (TO REPLACE PRESENT SYSTEM)	

FILLET SIZES	
INCH	mm
1/4	6
5/16	8
3/8	10

- NOTE 1: ALL BUTT AND FILLET WELDS WHICH ARE NOT DIMENSIONED ARE TO BE MADE IN ACCORDANCE WITH SPEC. W-1.
- NOTE 2: SIMILAR JOINTS ON BOTH LEFT AND RIGHT ENDS WILL REQUIRE SAME WELDS
- NOTE 3: DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS



12.) What size fillet weld in metric



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QTY. 10	ORDER NO. 107
MAT.: AS SPECIFIED	SCALE: 3/8" = 1"
DRAWN BY: E.L.C.	
DWG. NO. 53	DATE:

ENGINE MOUNT
 REAR