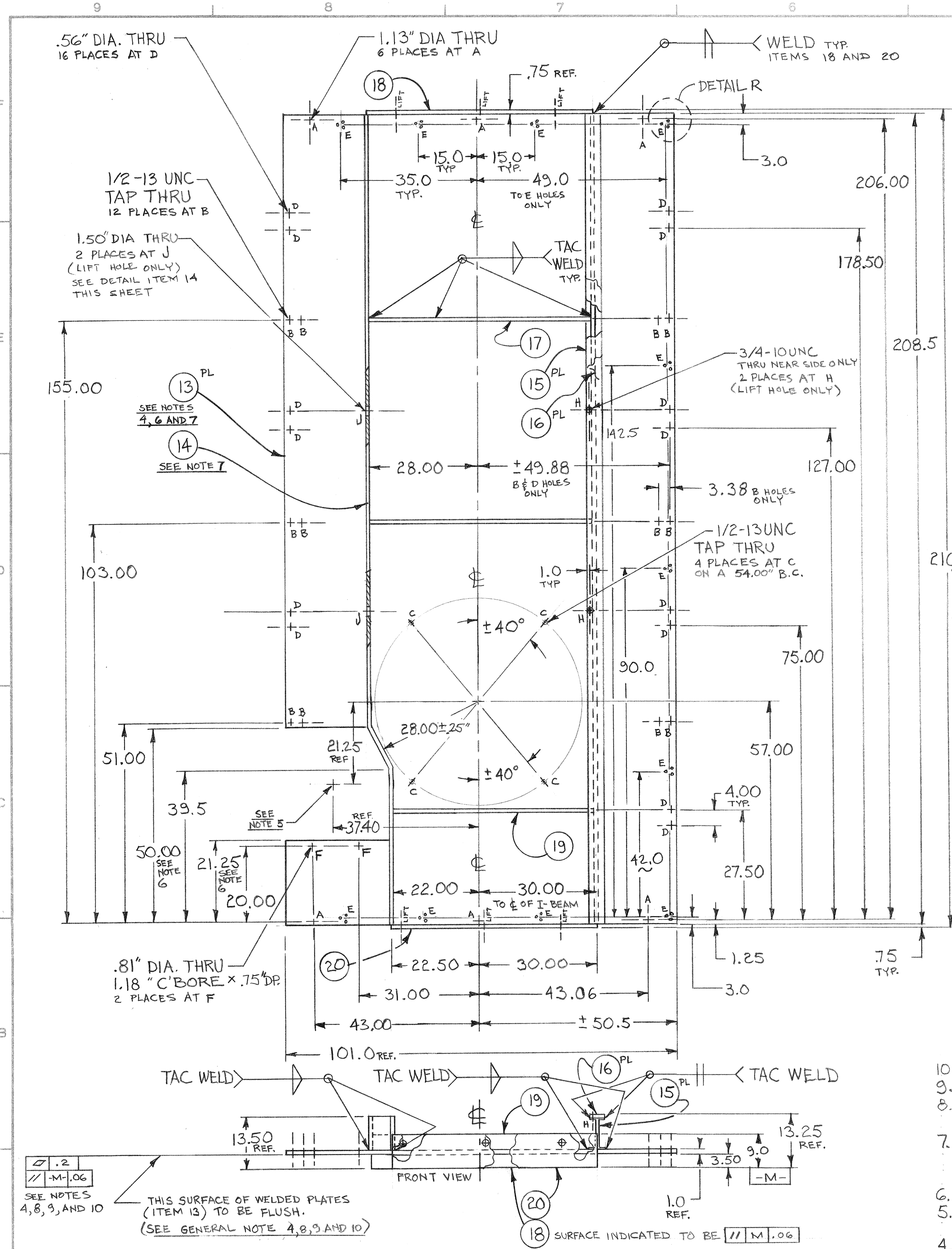
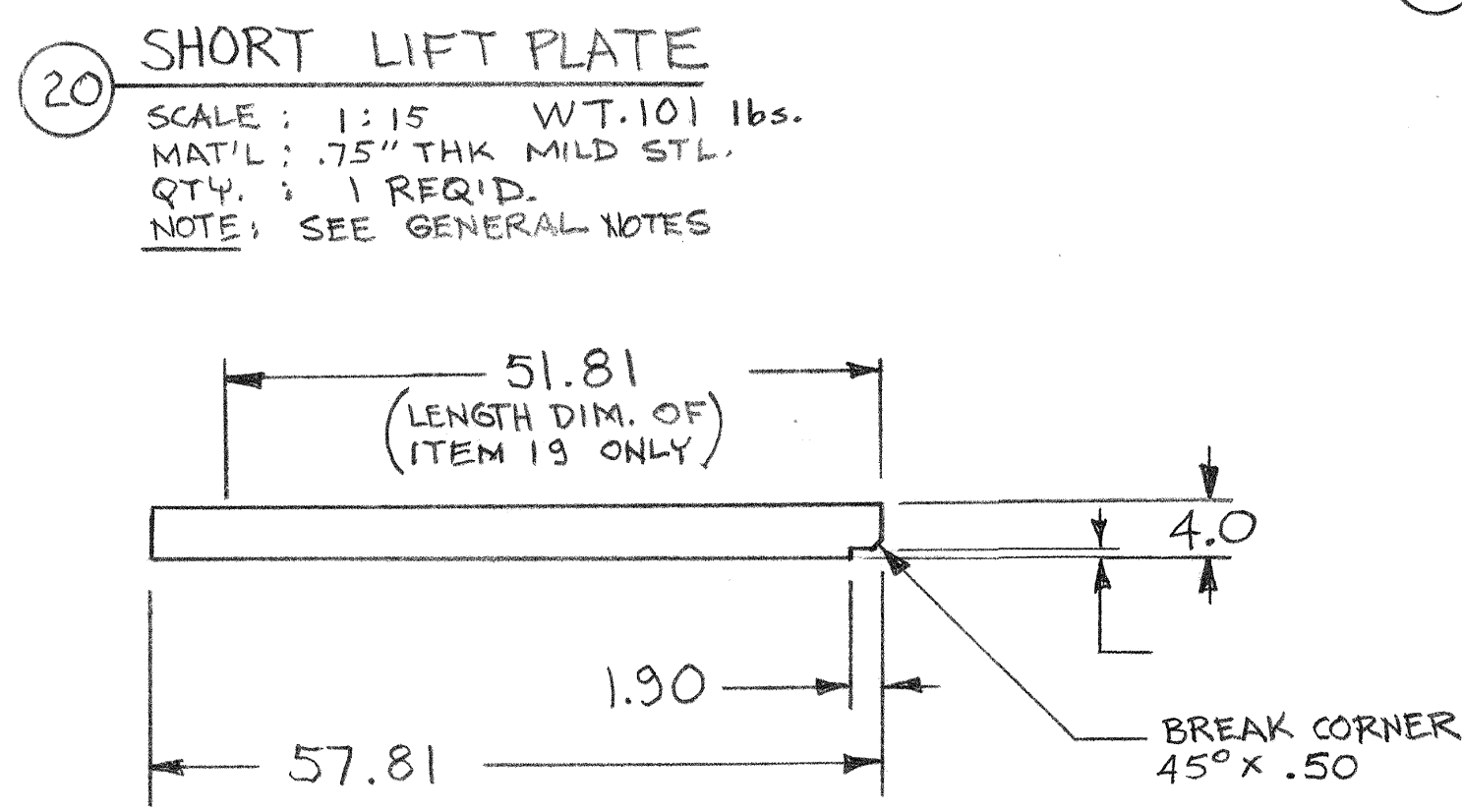
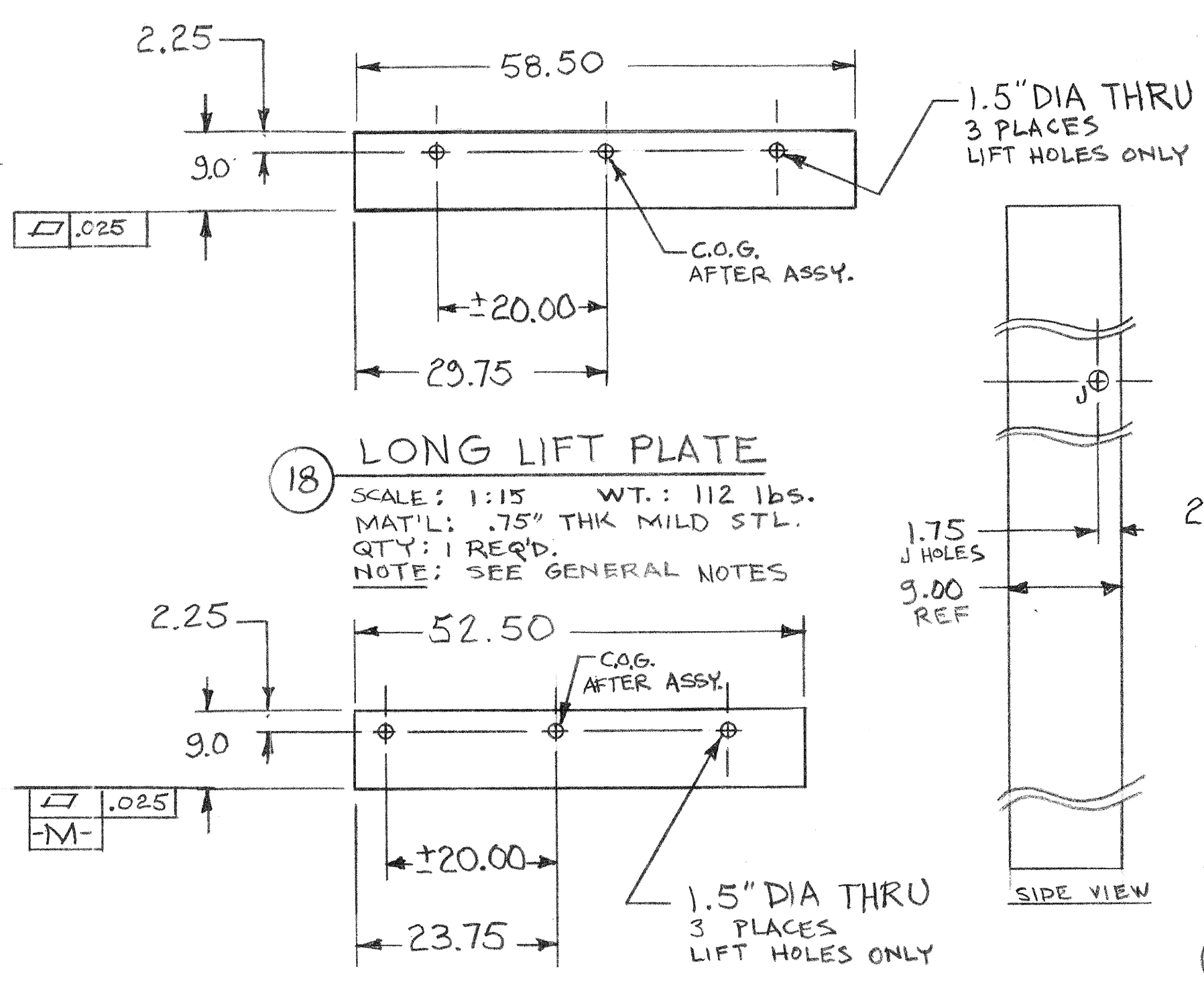




12 MUON SHIELD, TOP-SUB-ASSEMBLY
 SCALE: 1:15
 QTY.: 1 REQ'D.
 WT.: 7,100 lbs

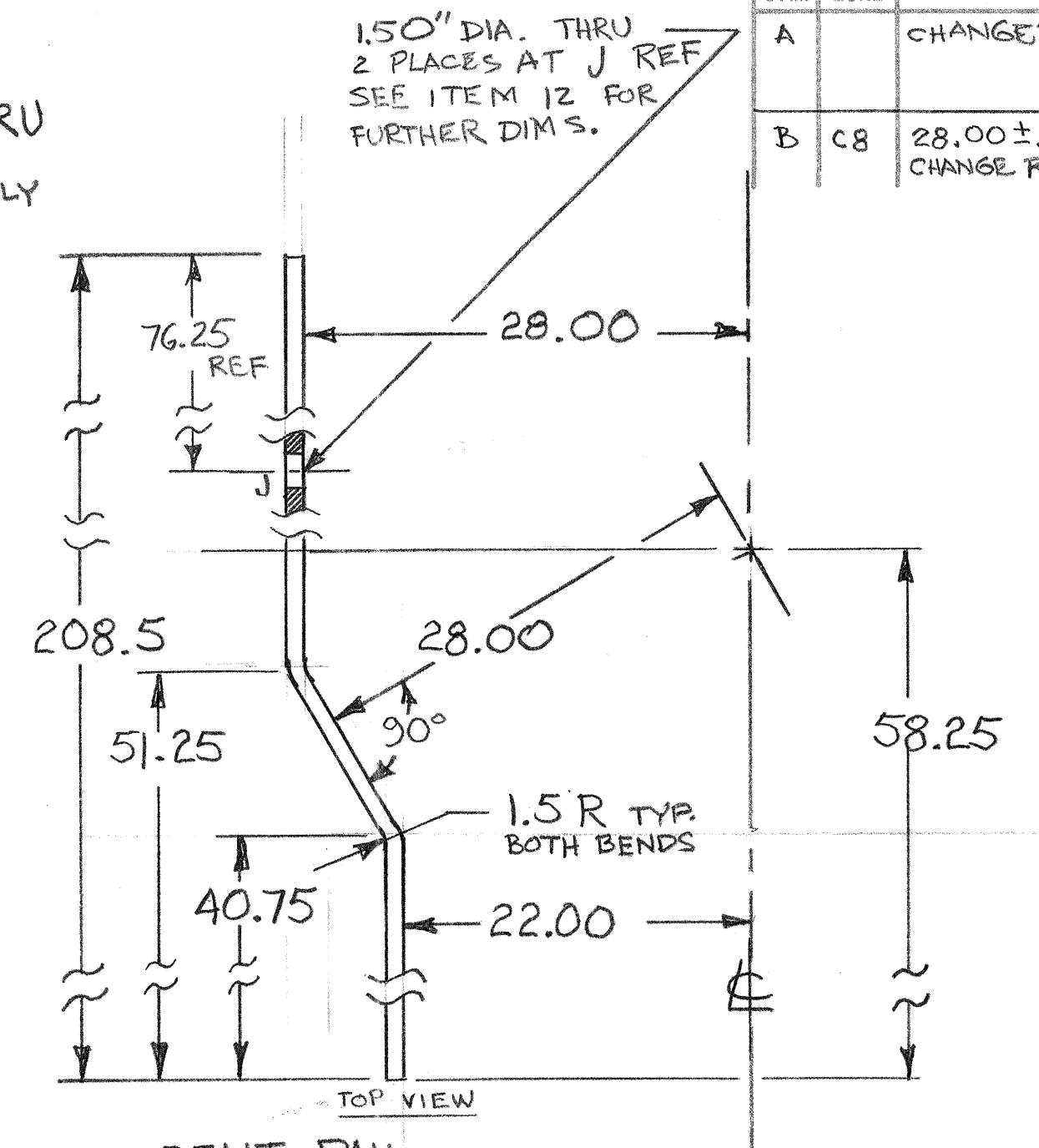
10. SEE THIS DWG, SH 1, DETAIL R REGARDING PLATE FABRICATION (ITEM 13).
9. TAC WELDS TO COVER 50% OF PERIPHERY OR MORE.
8. FLATNESS OF .2" IS IN ADDITION TO TOLERANCES OF EXISTING CORNELL STEEL PLATES. (NOTE REFERS TO ITEM 13 ONLY)
7. TO ACHIEVE PROPER SHAPE OF CUTOUT IN ITEM 13, LAY BENT RAIL (ITEM 14) ON ITEM 13 AS SHOWN IN DWG. AND SCRIBE APPROPRIATE PLACES ON ITEM 13 AT LEFT HAND SIDE OF ITEM 14.
6. DO NOT MAKE CUTOUT IN ITEM 13 UNTILL COMPLYING WITH NOTE 7.
5. DIMS. TO THIS POINT (ZONE G8) LOCATE CENTER OF CRYOSTAT STACK AND ARE SHOWN HERE FOR REF. ONLY
4. ITEM 13 MAY BE MADE FROM 2 OR MORE PLATES THAT MUST BE FLUSH ON SIDE AWAY FROM "I"-BEAMS. (SEE ITEM 12, FRONT VIEW)
3. EDGES MAY BE FLAME CUT.
2. ALL TAPPED HOLES TO BE CLASS 2B OR BETTER.
1. BREAK ALL SHARP EDGES 45° x .03"

NOTES:



17 LONG SPACER
 SCALE: 1:15 WT: 49 lbs.
 MAT'L: .75" TO 1.0" THK MILD STL.
 QTY.: 2 REQ'D.
 NOTE: 1. DISREGARD 51.81" DIM.
 2. SEE GENERAL NOTES.

19 SHORT SPACER
 MAT'L: SAME AS ITEM 17
 BUT LENGTH IS 51.81"
 QTY.: 1 REQ'D.
 WT.: 36 lbs.
 NOTE: SEE GENERAL NOTES.



14 BENT RAIL
 SCALE: 1:10
 MAT'L: 1.0" THK x 9.00" WD. MILD STL
 QTY.: 1 REQ'D

3/8-16 UNC TAP THRU
 3 PLACES EQ SPACED ON A
 3.00" DIA B.C. AT "E"
 33 HOLES, LOCATE AS SHOWN

DETAIL R
 SCALE: 2:1

ITEM	DWG NO.	DESCRIPTION	QTY	REMARKS	REV.
20	SH 2	SHORT LIFT PLATE	1		
19	SH 2	SHORT SPACER	1		
18	SH 2	LONG LIFT PLATE	1		
17	SH 2	LONG SPACER	2		
16	SH 2	FLAT RAIL 4" WD x .75" THK x 208.5" LG., MILD STL	1	177 lbs	
15	SH 2	"I"-BEAM, 4" x 8" x .24" THK x 208.5" LG, MILD STL	1	261 lbs.	
14	SH 2	BENT RAIL	1	535 lbs.	
13	SH 2	MUON SHIELD PLATE-TOP 1.0" THK MILD STEEL	1	6,750 lbs SEE NOTES 4, 6 AND 7	
12	6052-310 SH 2	MUON SHIELD, TOP SUB ASSEMBLY	X		

D 6052-310 SH NO. 2 CONT. ON FIN B	PRINT DISTR. 6052-310 SH NO. 2 CONT. ON FIN B	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: .000 ± .05 FRACTIONS ANGLES ± 2° ALL SURFACES	Cornell University Floyd R. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853-5001 CLEO II, MAGNET YOKE SHIELD, TOP	
	CHECKED BY: APPROVED BY:	DRAWN BY: TMK	DRAWN FOR: NORDBERG	DATE: 1/8/87
SCALE: AS NOTED D 6052-310 SH NO. 2 CONT. ON FIN B		REV. B		

SYMBOL	ZONE	REVISIONS DESCRIPTION	DATE	APP.
A		CHANGED TOL. & DIM OF ITEM 13	5/5/87	TMK
B	C8	28.00 ± .25" WAS 28.00 REF. CHANGE REQUESTED BY VENDOR	8/25/87	ENY TMK