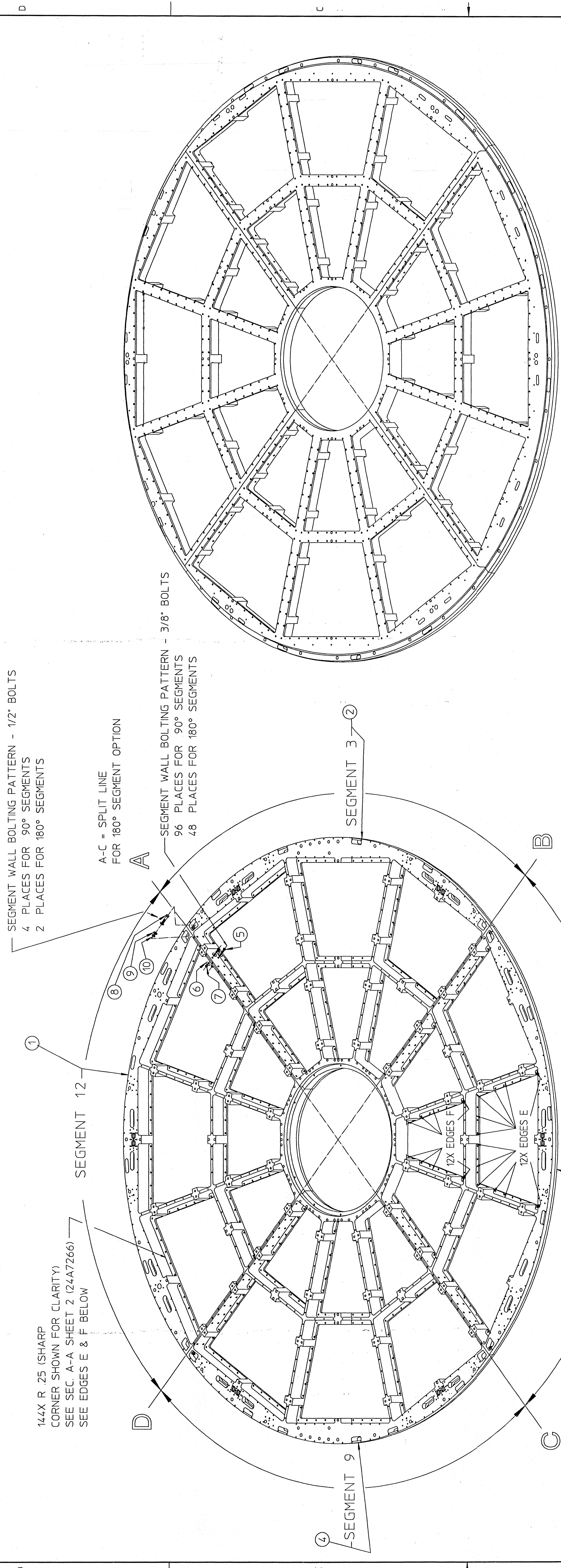


SEGMENT WALL BOLTING PATTERN - 1/2" BOLTS  
 4 PLACES FOR 90° SEGMENTS  
 2 PLACES FOR 180° SEGMENTS

A-C = SPLIT LINE  
 FOR 180° SEGMENT OPTION

SEGMENT WALL BOLTING PATTERN - 3/8" BOLTS  
 96 PLACES FOR 90° SEGMENTS  
 48 PLACES FOR 180° SEGMENTS

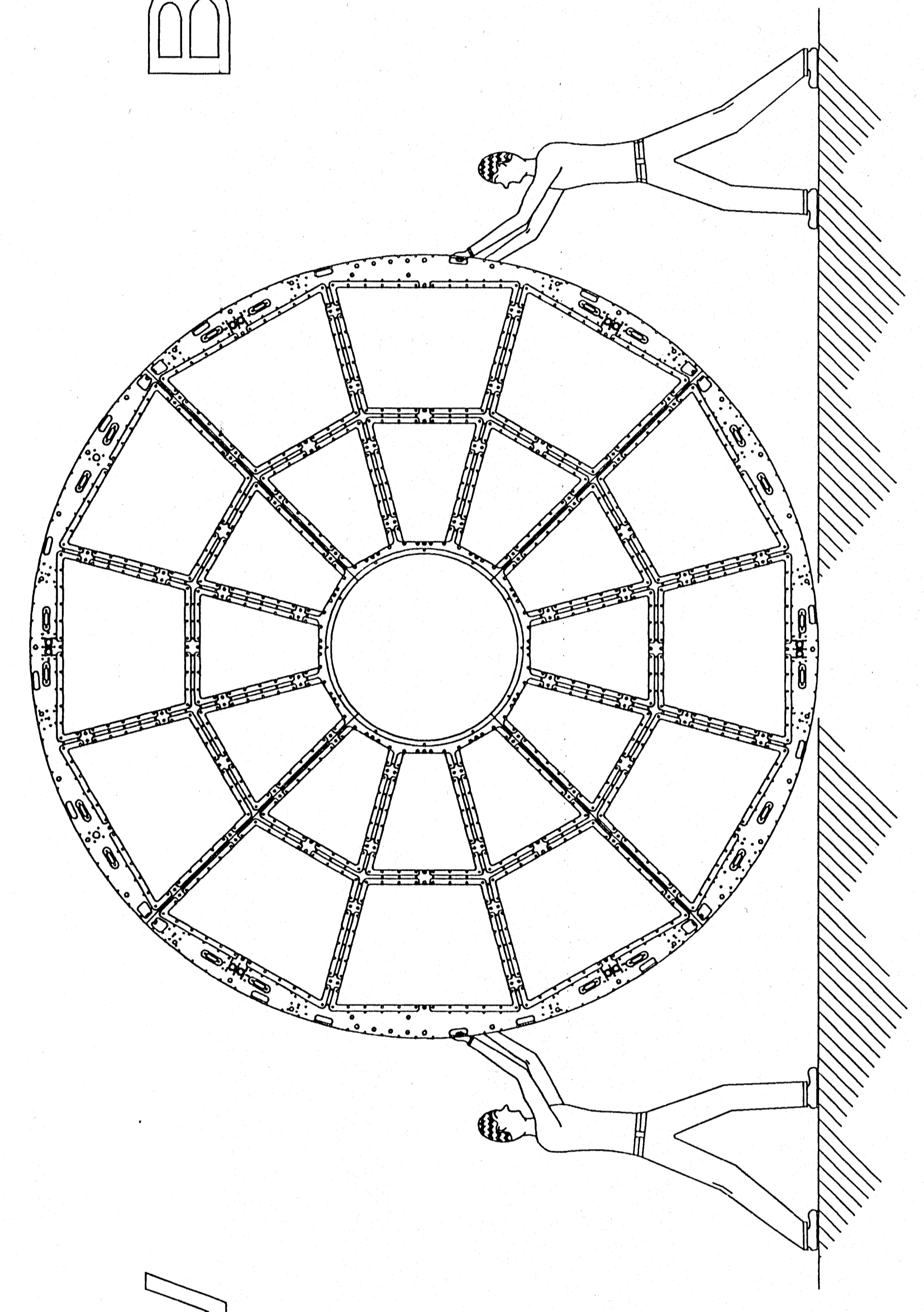
144X R. 25 (SHARP  
 CORNER SHOWN FOR CLARITY)  
 SEE SEC. A-A SHEET 2 (24A7266)  
 SEE EDGES E & F BELOW



A-C = SPLIT LINE  
 FOR 180° SEGMENT OPTION

# FRONT VIEW

90° SEGMENTS SHOWN



90° SEGMENTS SHOWN

# BACK VIEW

24A7256

NOTES:

1. THIS ASSEMBLY AS DRAWN IS SHOWN FABRICATED IN 4 90° SECTIONS. IT MAY ALSO BE FABRICATED IN 2 180° SECTIONS OR AS A SINGLE UNIT. SPLIT LINE IS AT A-C FOR 180° SECTIONS.
2. ALL DIMENSIONS APPLY TO FINISHED ASSEMBLY. ALL DIMENSIONS ARE INCHES.
3. IF ASSEMBLY IS NOT FABRICATED FROM ONE UNIT, ASSEMBLY IS TO BE BONDED AND BOLTED ACROSS ADJACENT SECTIONS AND IS TO BE LEAK FREE ACROSS BOND LINE.
4. SEE SPECIFICATION # M830 FOR CLEANING, BONDING, ASSEMBLY AND HERMETICITY REQUIREMENTS.
5. NONE OF THE 90° SEGMENTS SHOWN IS EXACTLY SIMILAR.
6. APPROXIMATE ASSEMBLED WEIGHT = 1400 LB.

ITEM	REV	PART NUMBER	DESCRIPTION	DATE	BY	CHK	APP	REV	DATE
1		24A7256-1	SEGMENT 12 O.CLOCK ALUM TOOLING PL. SEE SPEC # M830						
2		24A7256-2	SEGMENT 3 O.CLOCK ALUM TOOLING PL. SEE SPEC # M830						
3		24A7256-3	SEGMENT 6 O.CLOCK ALUM TOOLING PL. SEE SPEC # M830						
4		24A7256-4	SEGMENT 9 O.CLOCK ALUM TOOLING PL. SEE SPEC # M830						
5		96 BEE SPEC M830HHYCS	3/8" DIA. X 1.25" LG. ALUM. 2024T4 UNSI W/1.D.						
6		192 BEE SPEC M830FLT WSR	WIDE TOOTH 10.00 X 0.067 THK. ALUM. 2024T4 OR 6061-T6						
7		96 BEE SPEC M830HEX NUT	3/8" DIA. X 2.25" LG. SILCON BRNZ. CDH# 647 OR 655						
8		96 BEE SPEC M830HHYCS	1/2" DIA. X 2.25" LG. SILCON BRNZ. CDH# 647 OR 655						
9		8 BEE SPEC M830FLT WSR	NARROW TOOTH 10.00 X 0.57" ID. X 1.75" THK. ALUM. 2024T4 OR 6061-T6						
10		4 BEE SPEC M830HEX NUT	1/2" DIA. X 2.25" LG. SILCON BRNZ. CDH# 647 OR 655						

STAR DRAWING NUMBER	REV	PHIC DRAWING NUMBER	REV
TPC600-E-1	B		

LAWRENCE BERKELEY LABORATORY  
 UNIVERSITY OF CALIFORNIA - BERKELEY

PHIC - STAR - TPC  
 WHEEL ASSEMBLY - SHEET 1

SCALE: -10  
 DRAWN BY: M/8/95  
 CHECKED BY: M/8/95  
 DATE: 8/05/95  
 24A7256 B

UNLESS OTHERWISE SPECIFIED	ALL DIMENSIONS ARE INCHES
X.XX	0.01
XX.X	0.05
XXX.XX	0.05

ADDED 6 AB HOLES INTS. AS DETAILED ON SHEET 4.  
 RELEASED FOR FABRICATION  
 17/95  
 17/95  
 17/95