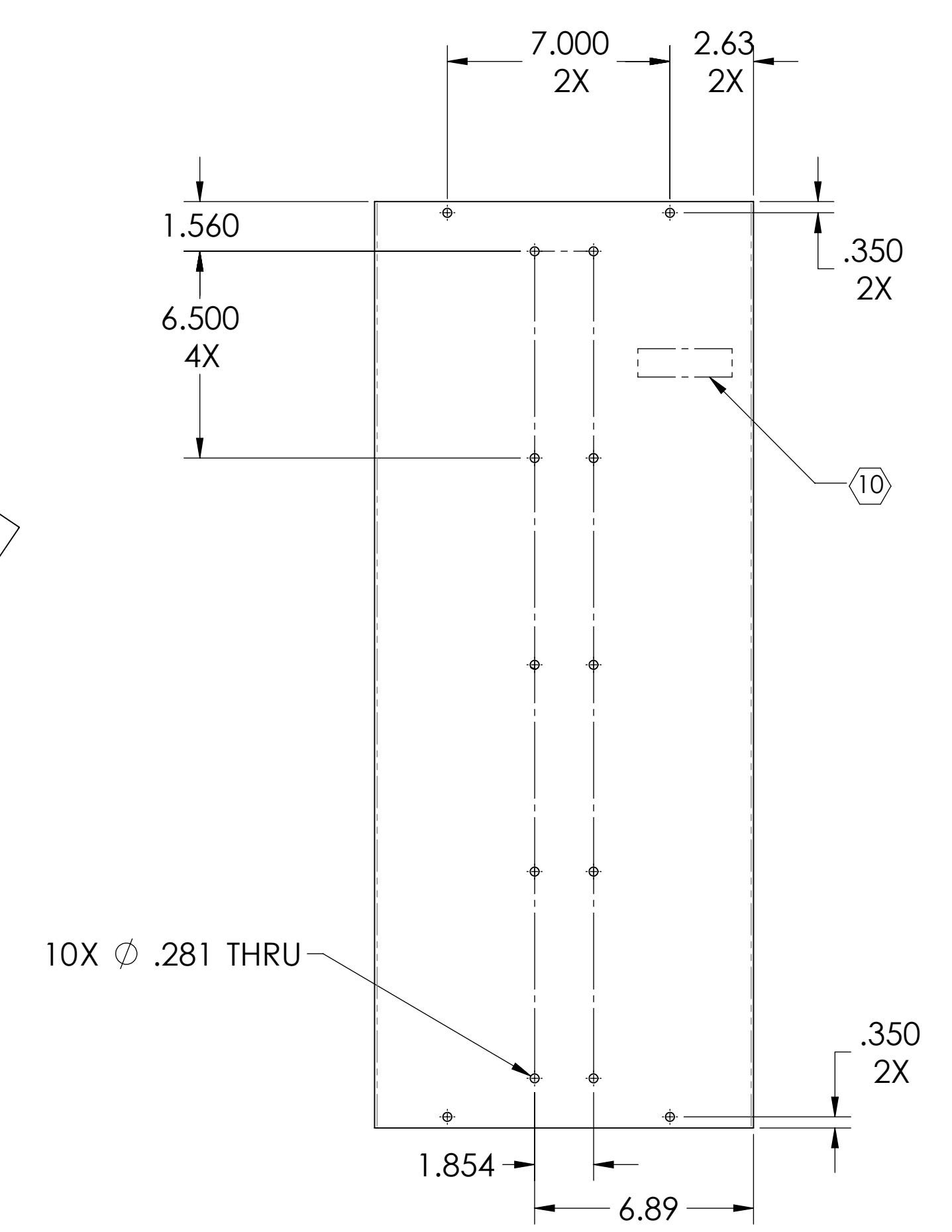
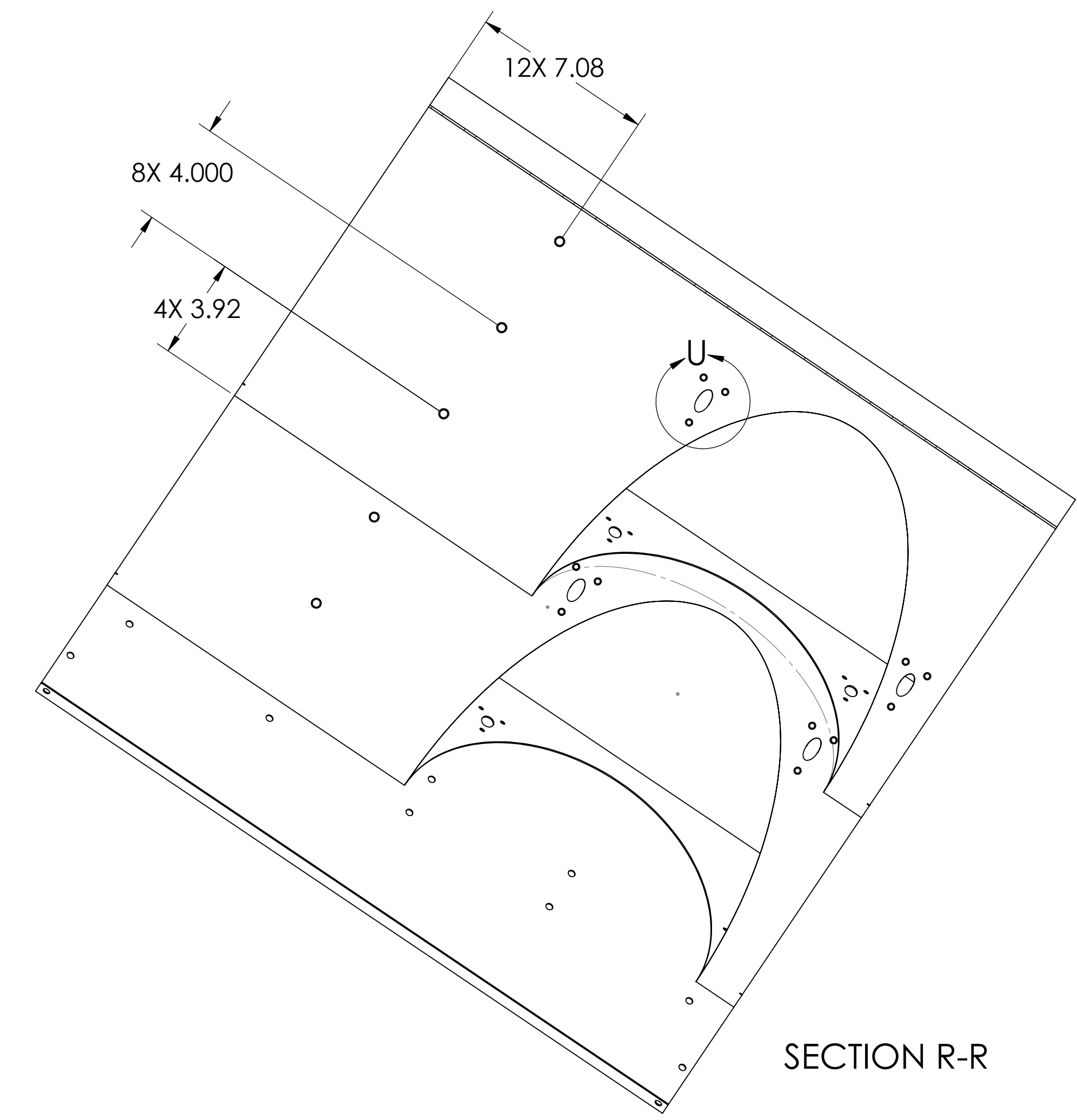
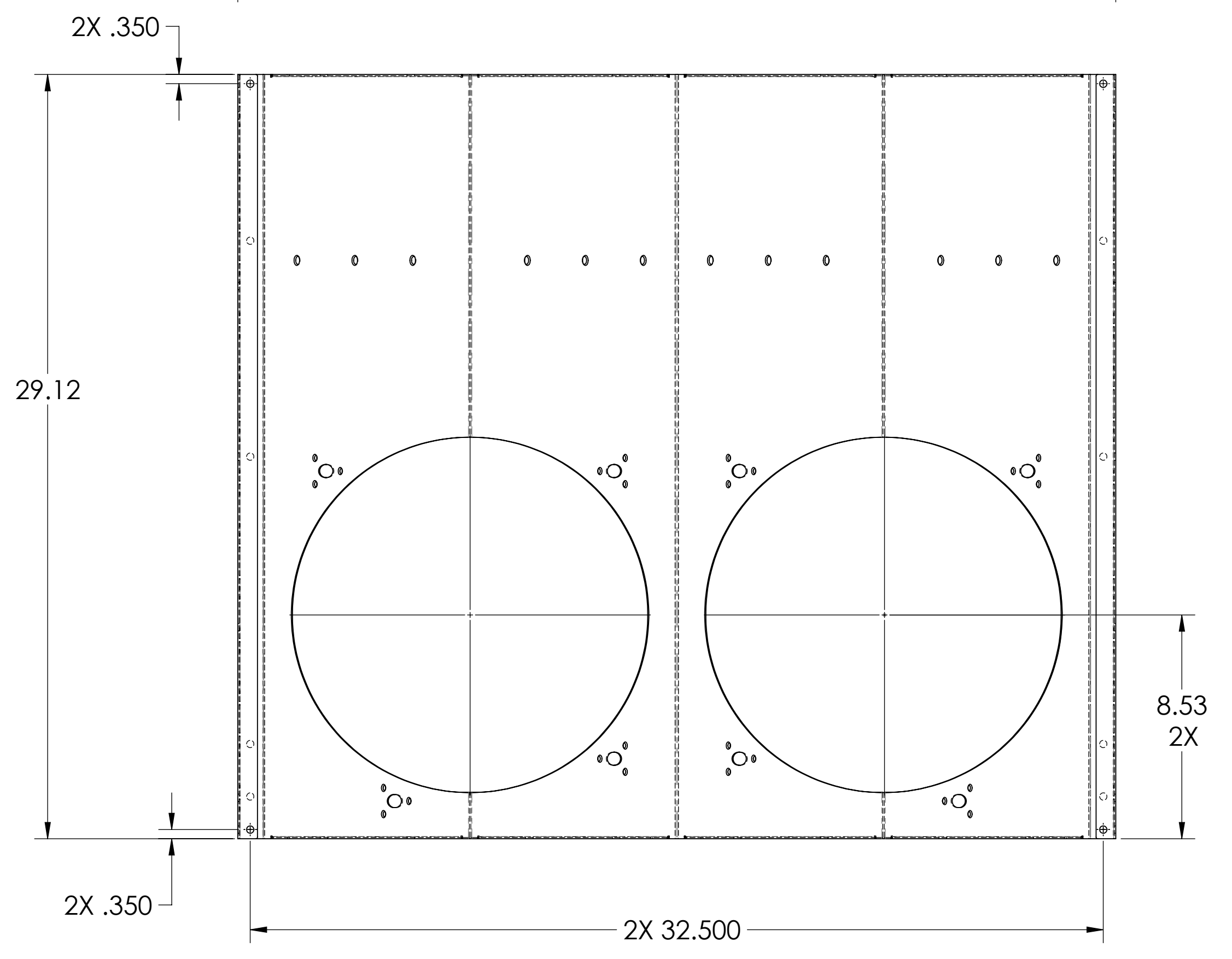
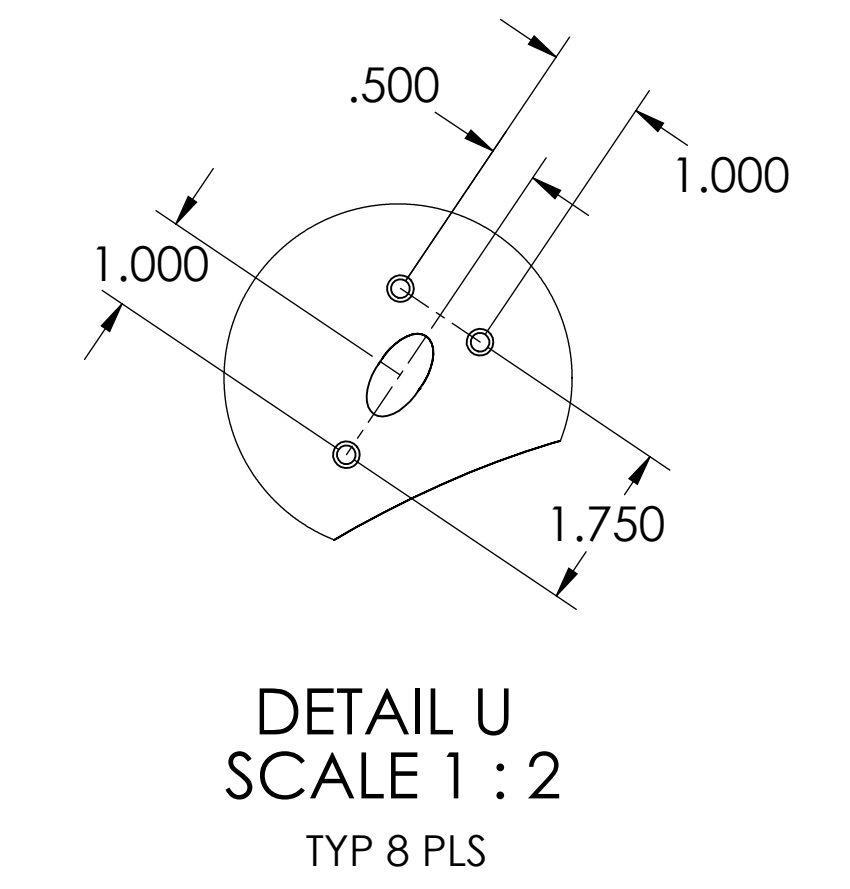
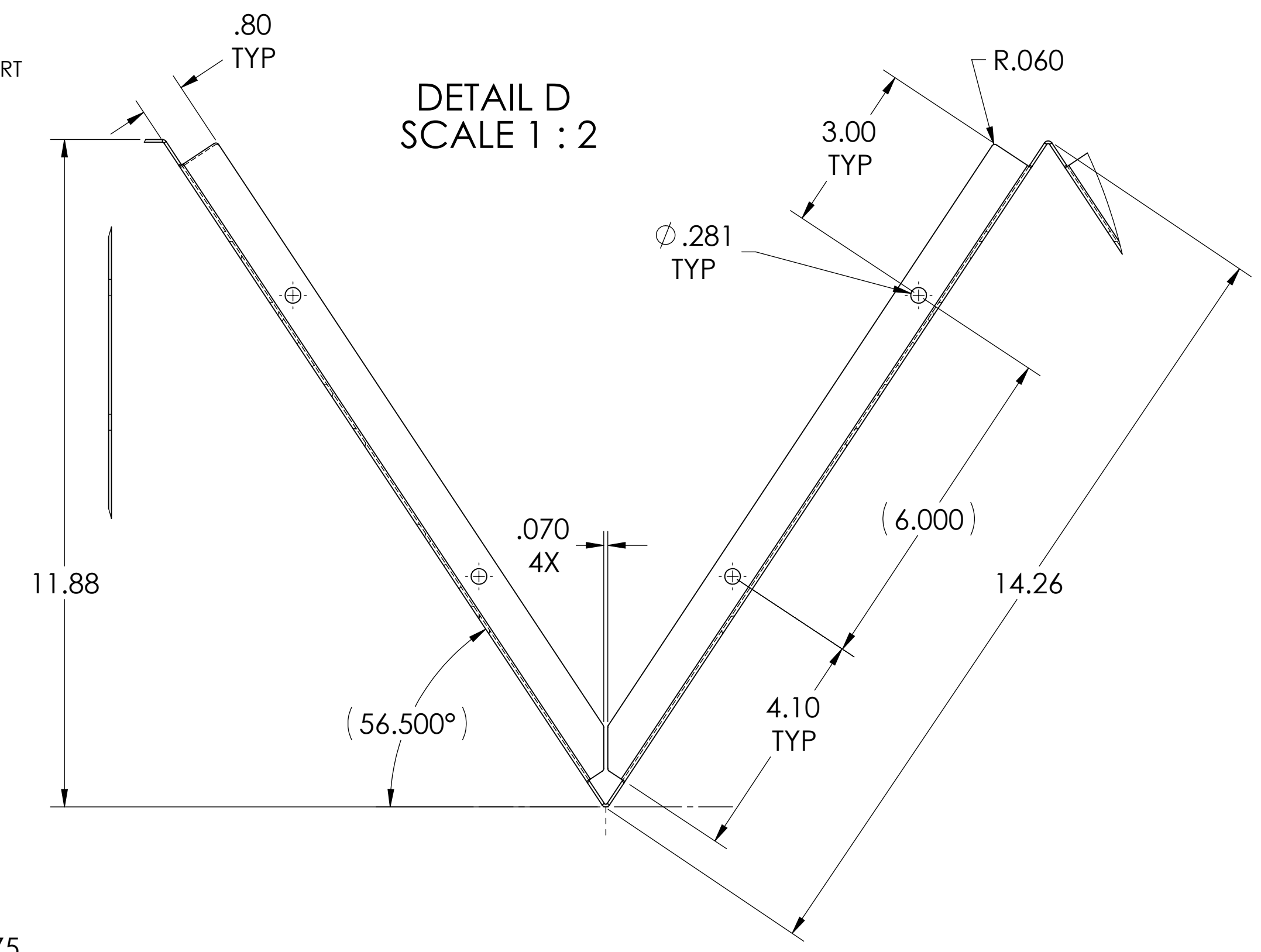
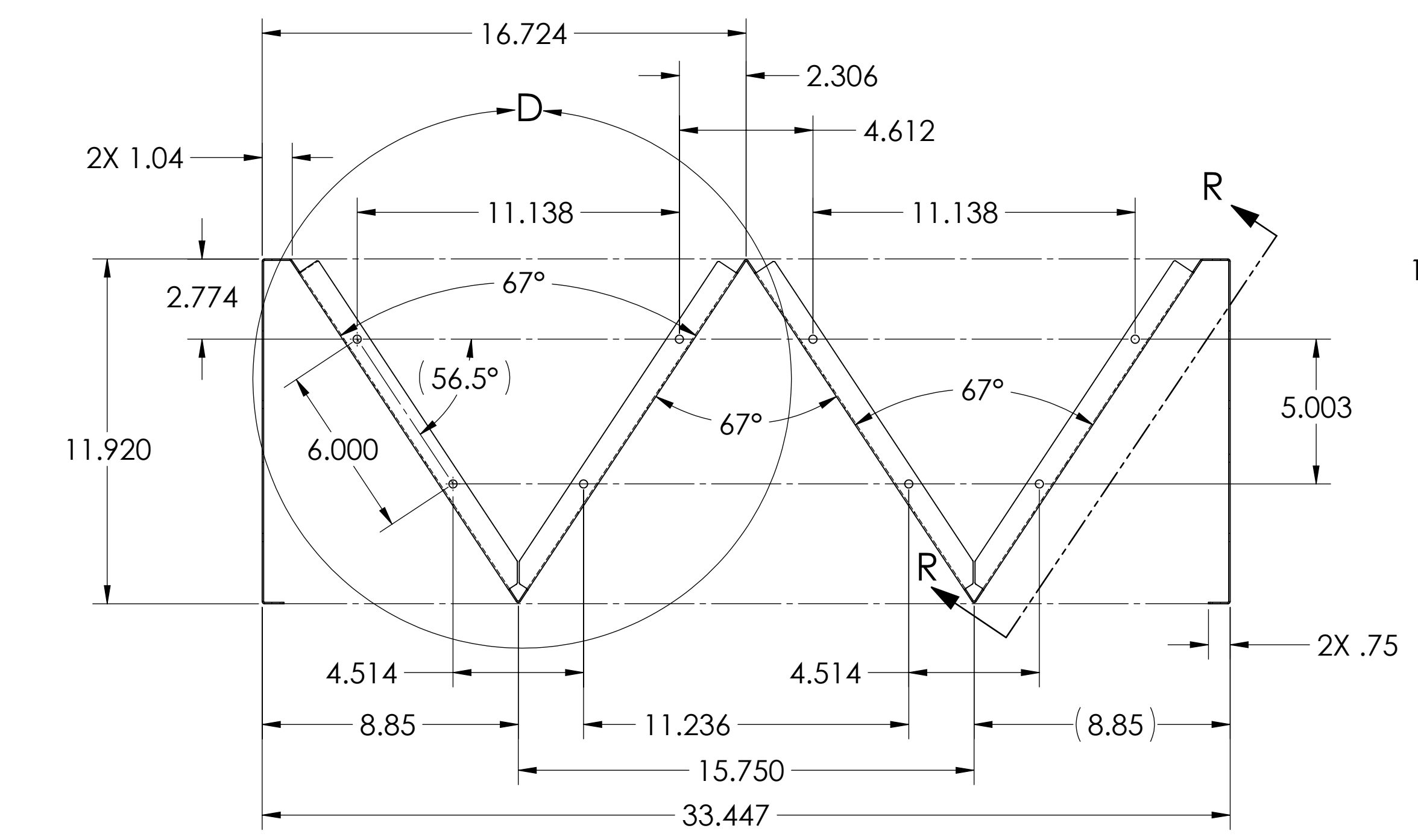


REV.	DATE	DCN #	DRAWING TREE #
v1	02 JUL 2010	E1000285	

- 5. MAT'L: 18 GA ENAMELING STEEL -A424 TYPE I OR III.
- 6. ALL EDGES TO BE SMOOTH AND FREE OFF BURRS.
- 7. FINISH: PART WILL BE PORCELAIN COATED IN ACCORDANCE WITH LIGO SPECIFICATION E1000083
- 8. ALL HOLE AREAS SHALL BE MASKED WITHIN .63 DIA PRIOR PORCELAIN COATED. BOTH SIDES

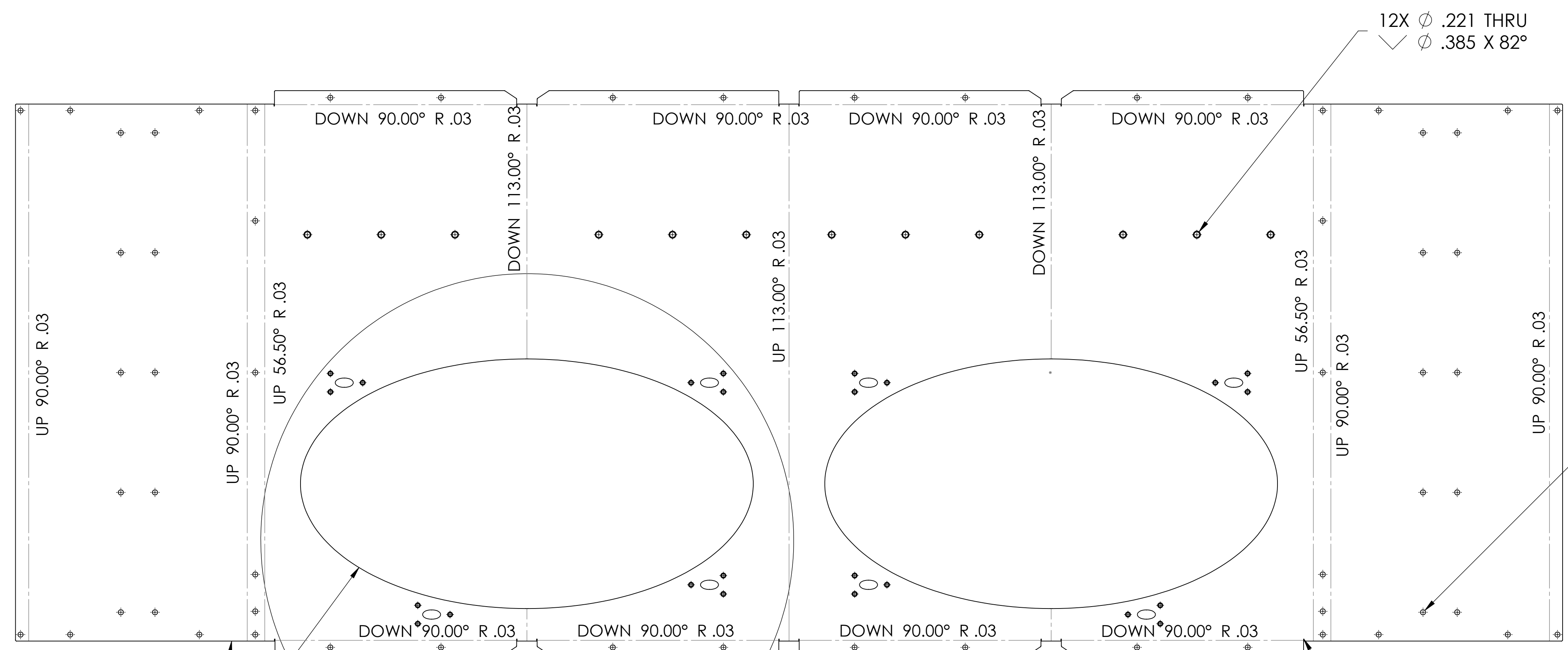
10 ENGRAVE OR MECHANICALLY STAMP DRAWING PART NUMBER, REVISION AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBER START AT 001 FOR THE FIRST ARTICAL AND PROCEED CONSECUTIVELY. USE .156 HIGH X .020 DEEP CHARACTERS. EXAMPLE: DXXXXXX-v1 S/N XXX

9 SEE CAD FILE # D1000973 TO GENERATE ELLIPSE CURVES

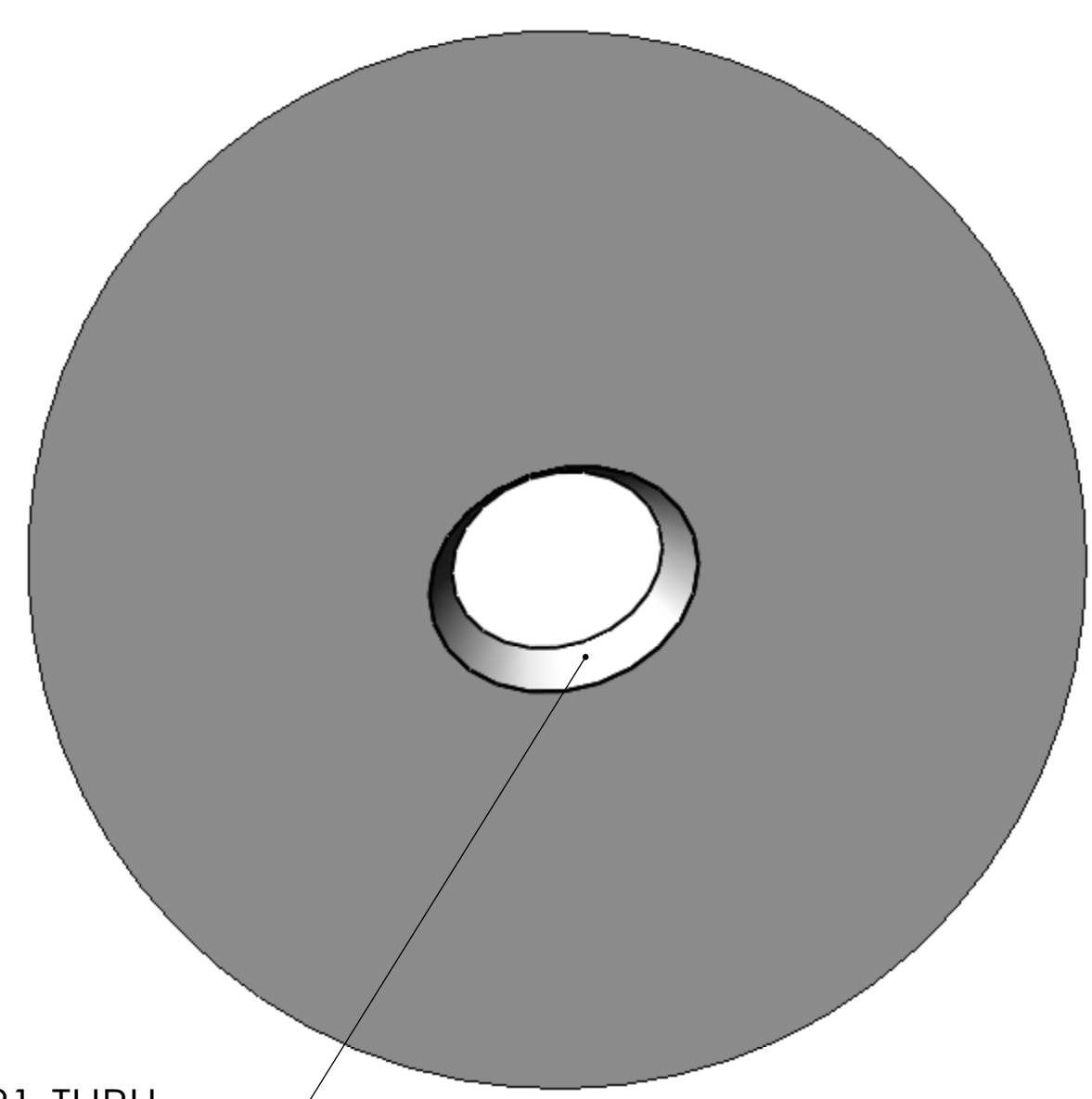


NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY				PART NAME							
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± 1.0°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				ARM CAVITY BAFFLE SKIN							
MATERIAL		FINISH		SYSTEM		SUB-SYSTEM		DESIGNER		SIZE		DWG. NO.		REV.	
18 GA Enamel Steel A424 Type I		SEE NOTE 7		ADVANCED LIGO		AOS		N.Nguyen		20 May 2010		D		v1	
NEXT ASSY				D1000977				CHECKER		M. SMITH		10 NOV 2010		APPROVAL	
								D. COYNE		20 NOV 2010		SCALE: 1:4		PROJECTION:	
												SHEET 1 OF 3			

D1000973_AduLIGO_AOS_SLC_ARM_Cavity_Baffle_Skin_PART_FDM_REV_X-010_DRAWING_FDM_REV_X-026



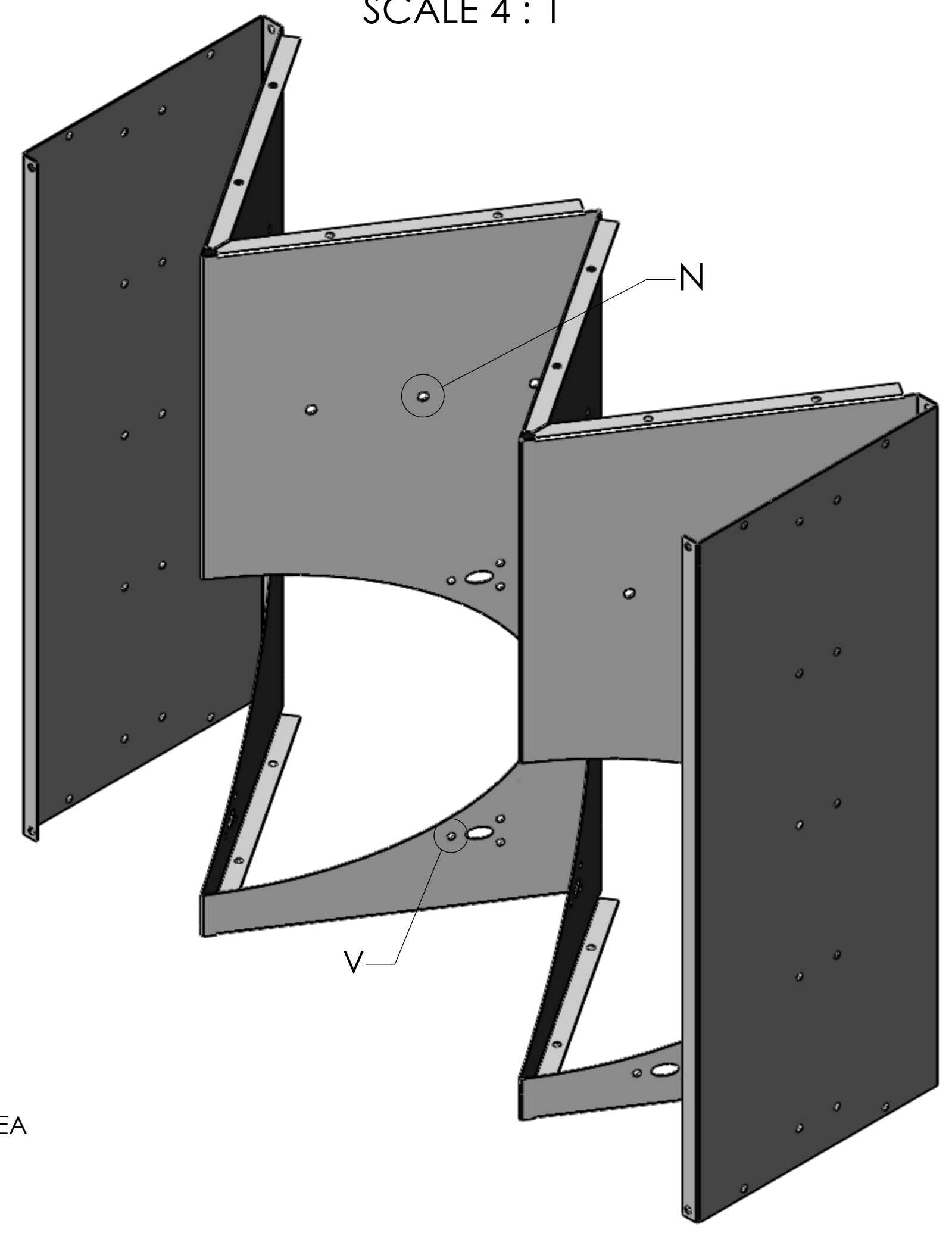
12X ϕ .221 THRU
 \surd ϕ .385 X 82°



60X ϕ .281 THRU

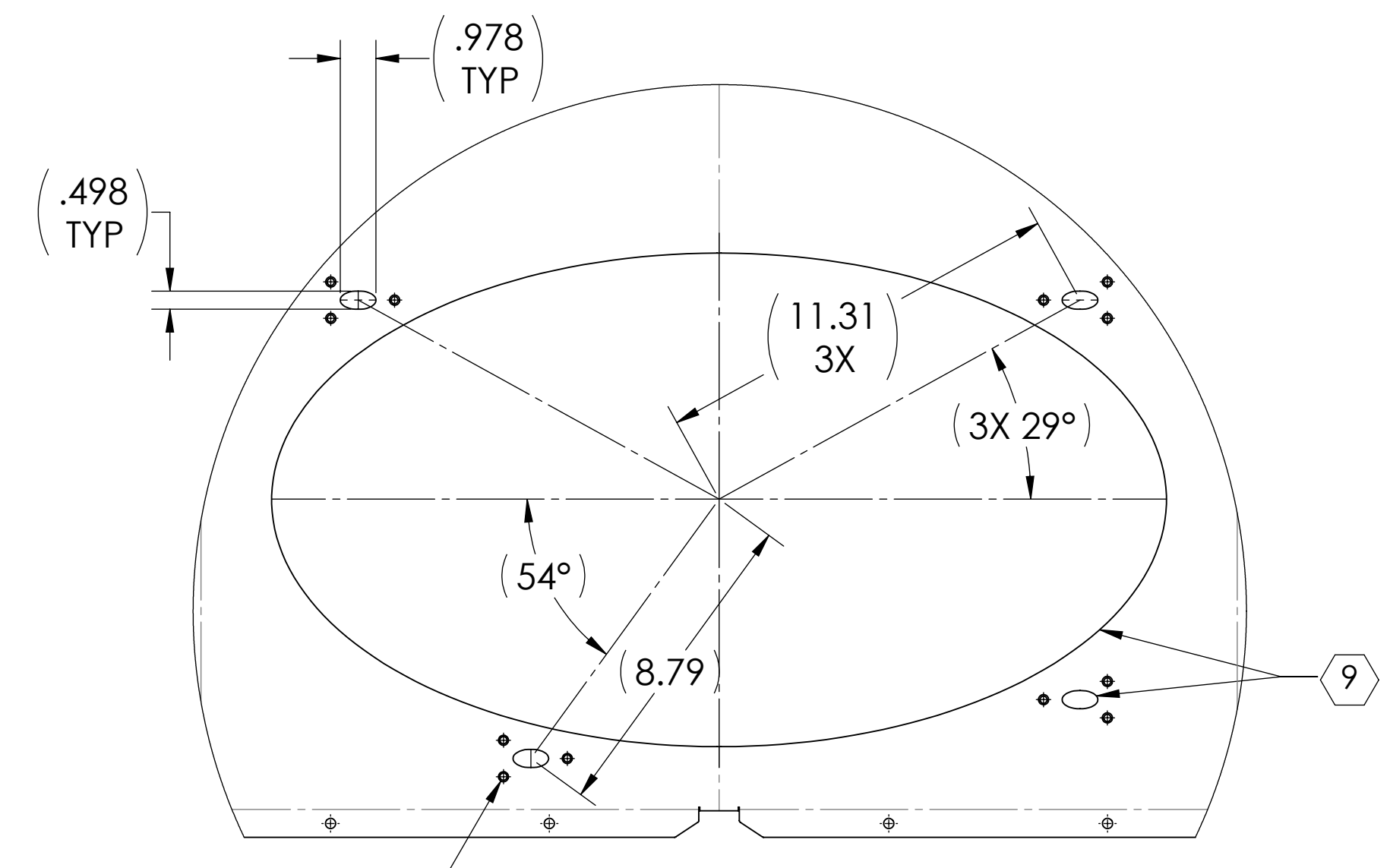
MASK THIS COUNTERSINK AREA AND WITHIN .63 DIA OF OPPOSITE SIDE. PRIOR PORCELAINIZING. 12X

DETAIL N
 SCALE 4 : 1



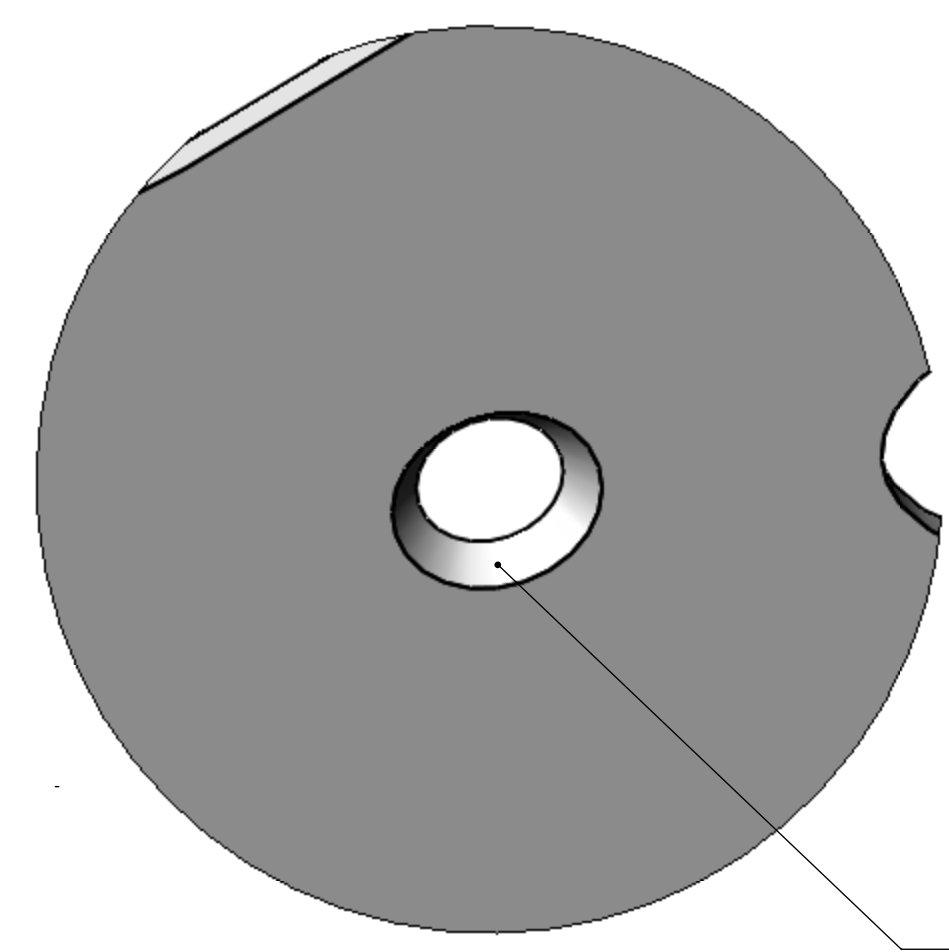
ALL EDGES TO BE SMOOTH AND FREE OF BURRS

BEND RELIEF
 OPTIONAL
 TYP



24X ϕ .170 THRU
 \surd ϕ .279 X 82°

DETAIL M
 TYP 2 PLS



MASK THIS COUNTERSINK AREA PRIOR PORCELAINIZING 24X

DETAIL V
 SCALE 4 : 1

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE DWG. NO.	D1000973	v1
SCALE: 1:4	PROJECTION:	SHEET 2 OF 3

D1000973_AduLIGO_ACS_SLC_ARM_Cavity_Baffle_Sim_PART_PDM_REV_X-010_DRAWING_PDM_REV_X-026

8

7

6

5

4

3

2

1

H

H

G

G

F

F

E

E

D

D

C

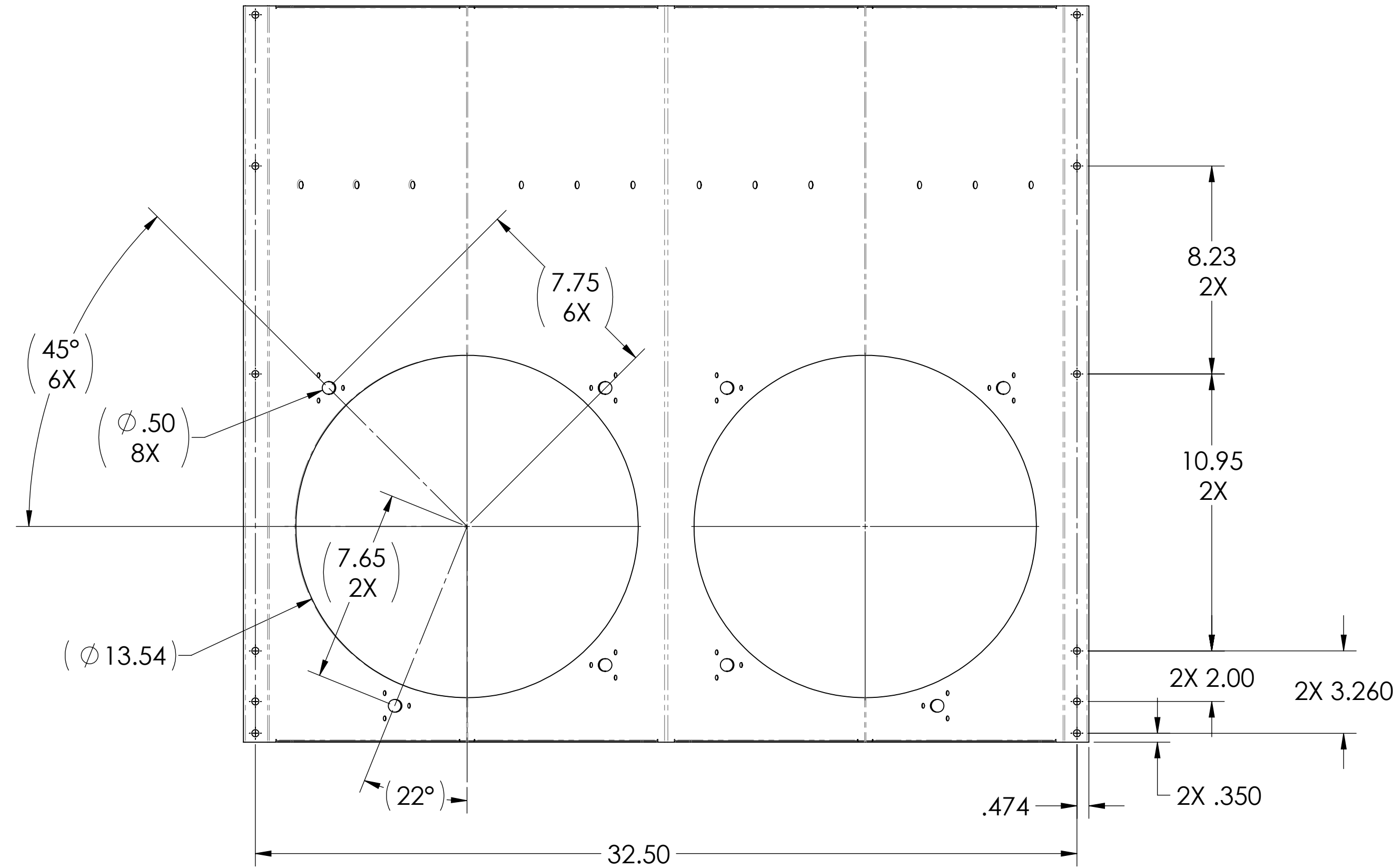
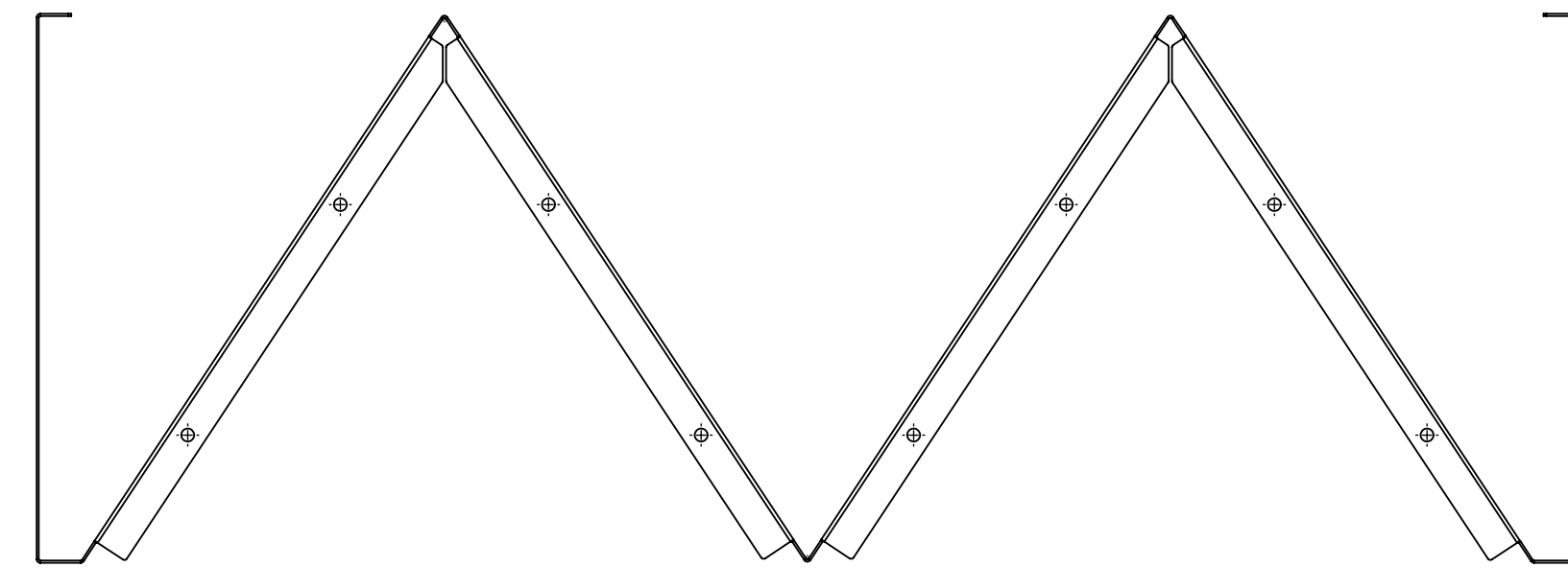
C

B

B

A

A



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1000973	v1
SCALE: 1:4	PROJECTION: SHEET 3 OF 3

D:\000973_AduLIGO_ACS_SLC_ARM_Covly_Bottle_Sign_PART_PDM_REV.X-010_DRAWING_PDM_REV.X-026