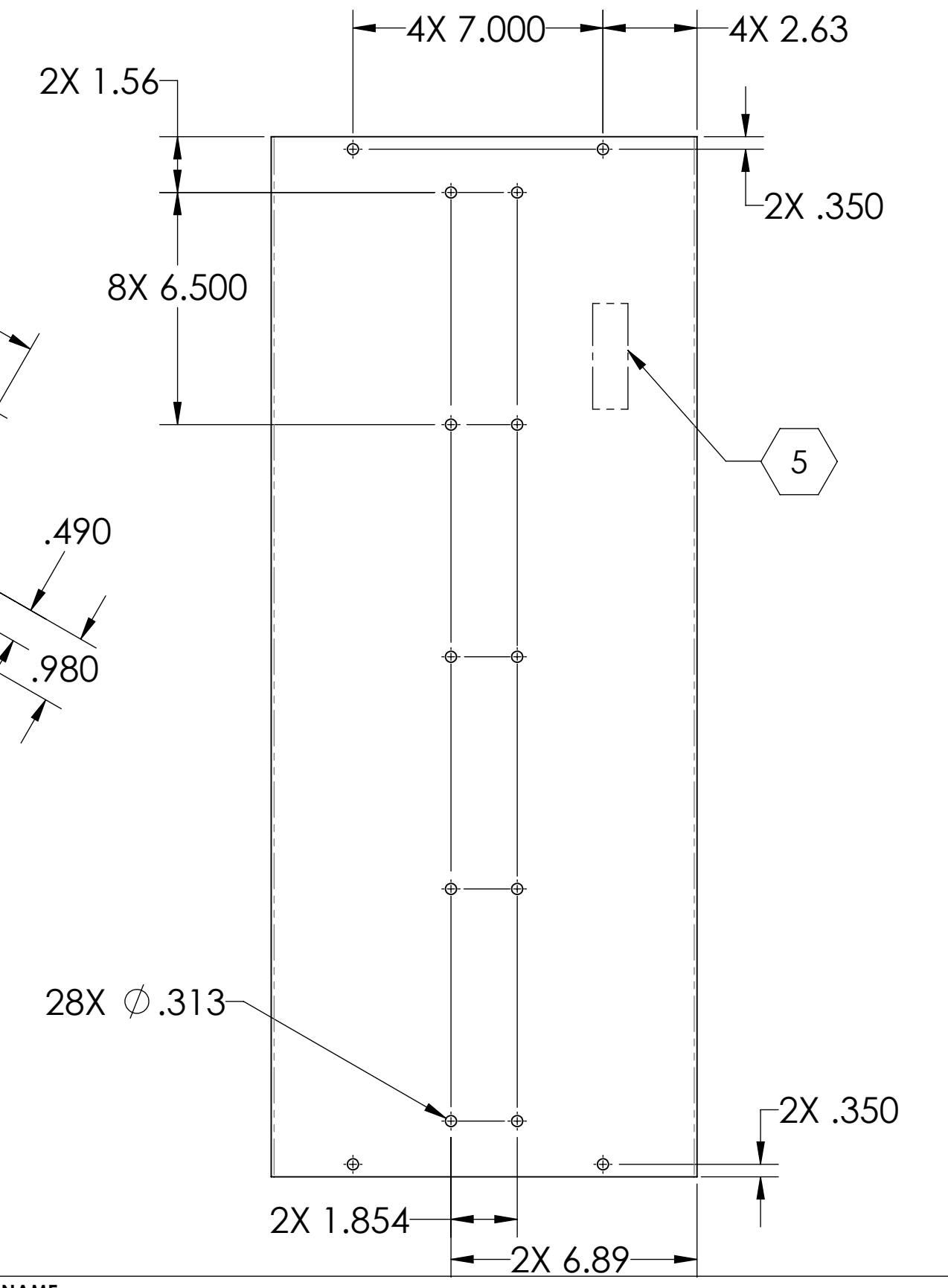
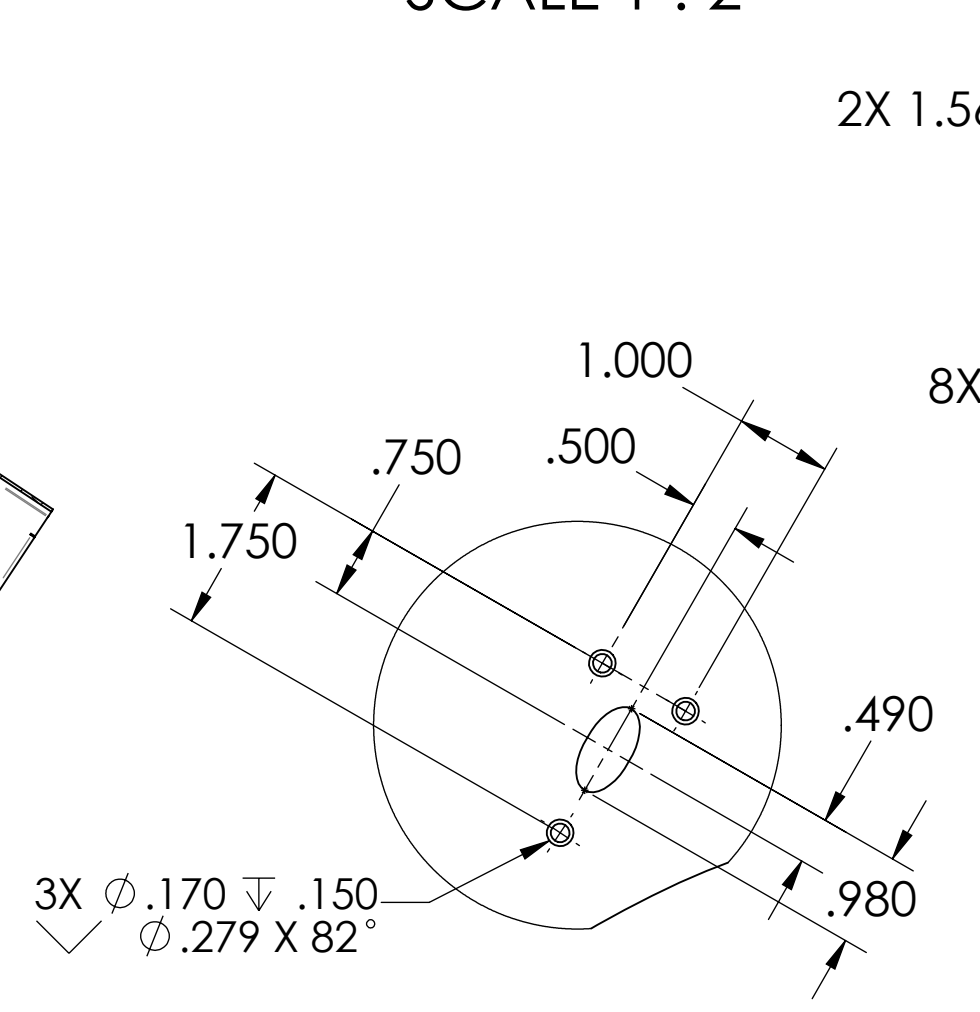
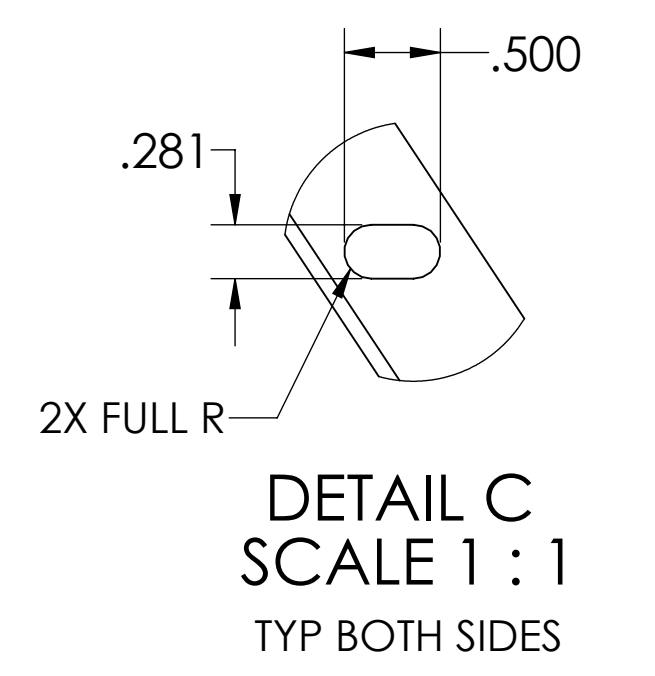
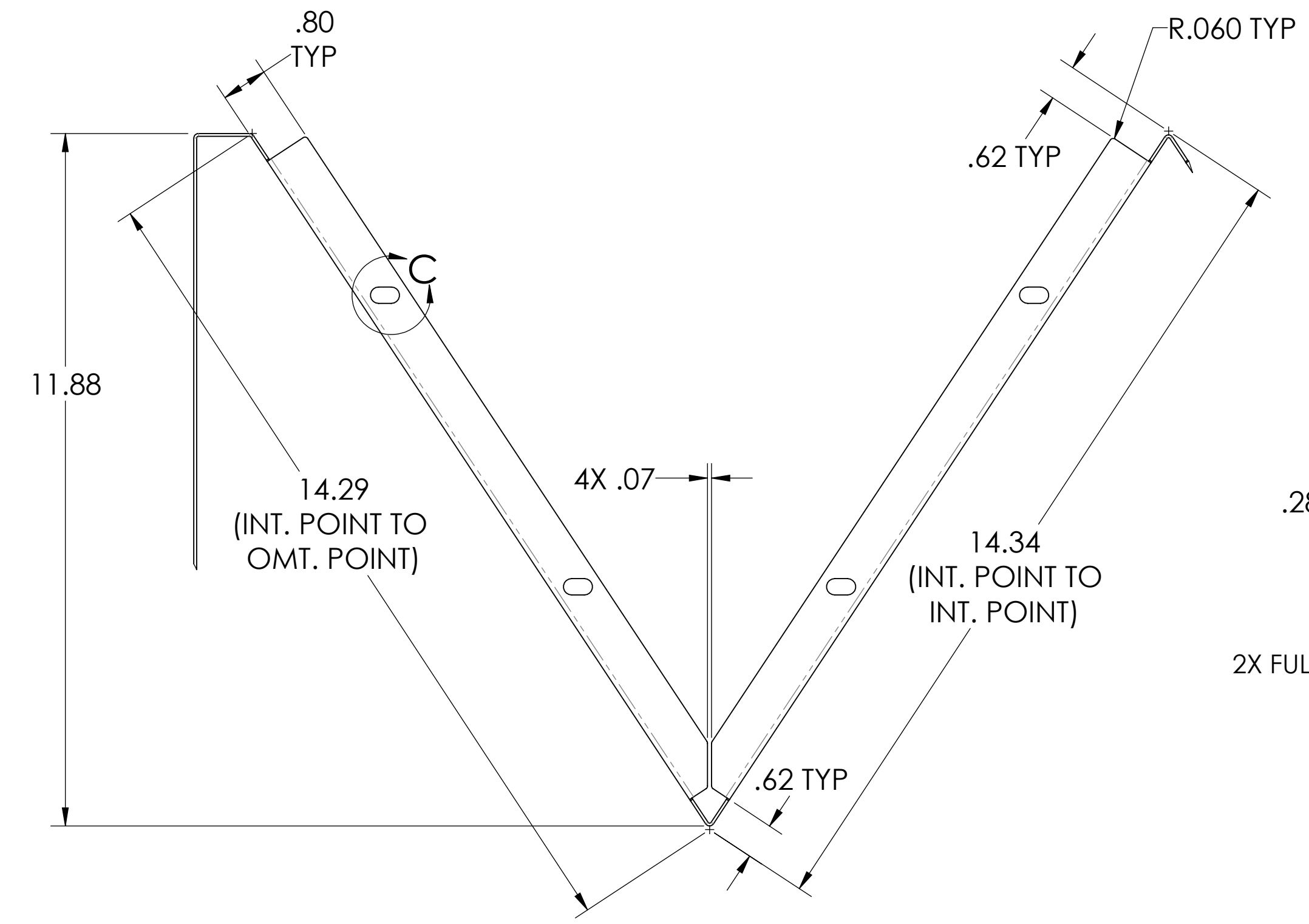
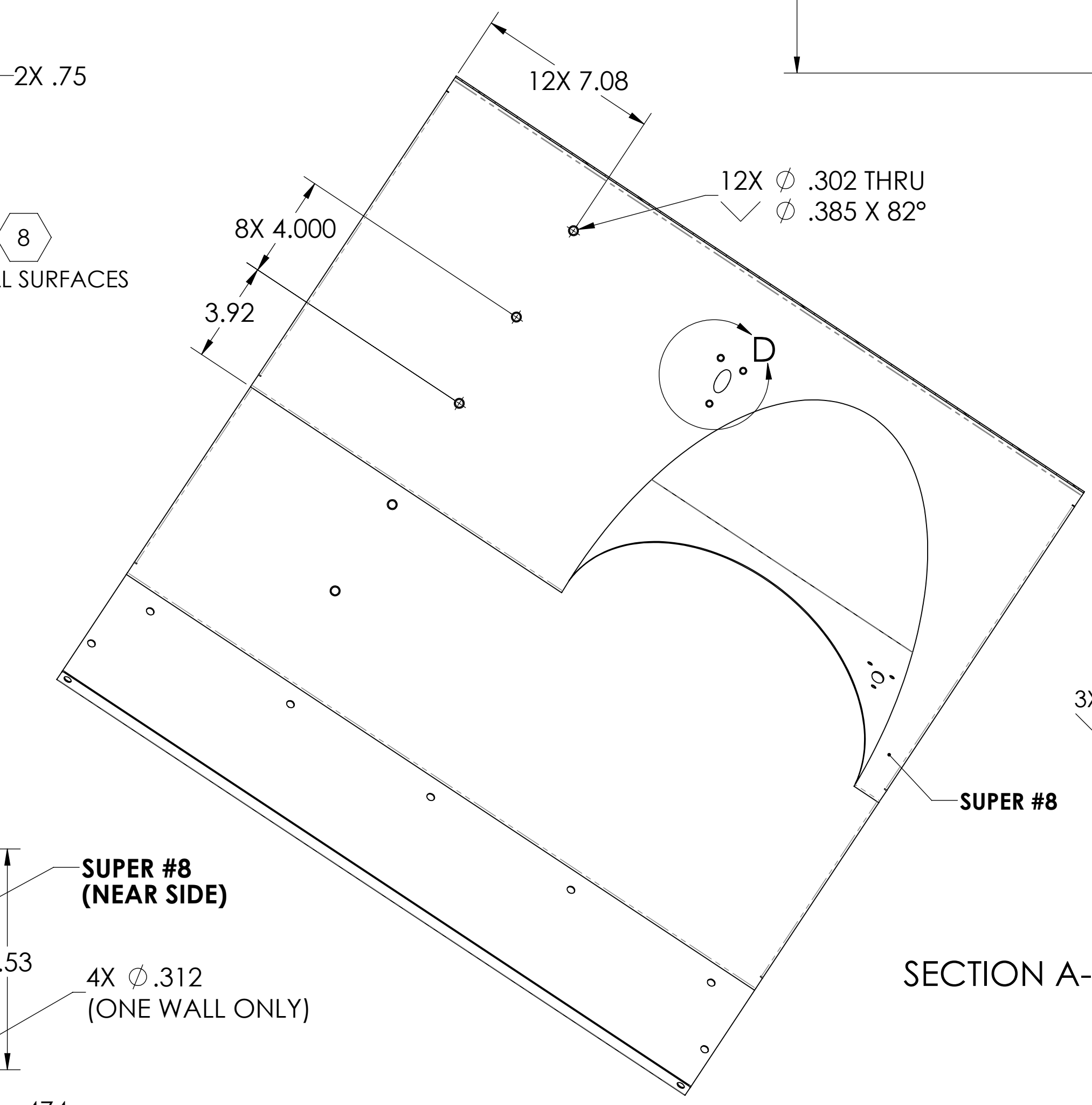
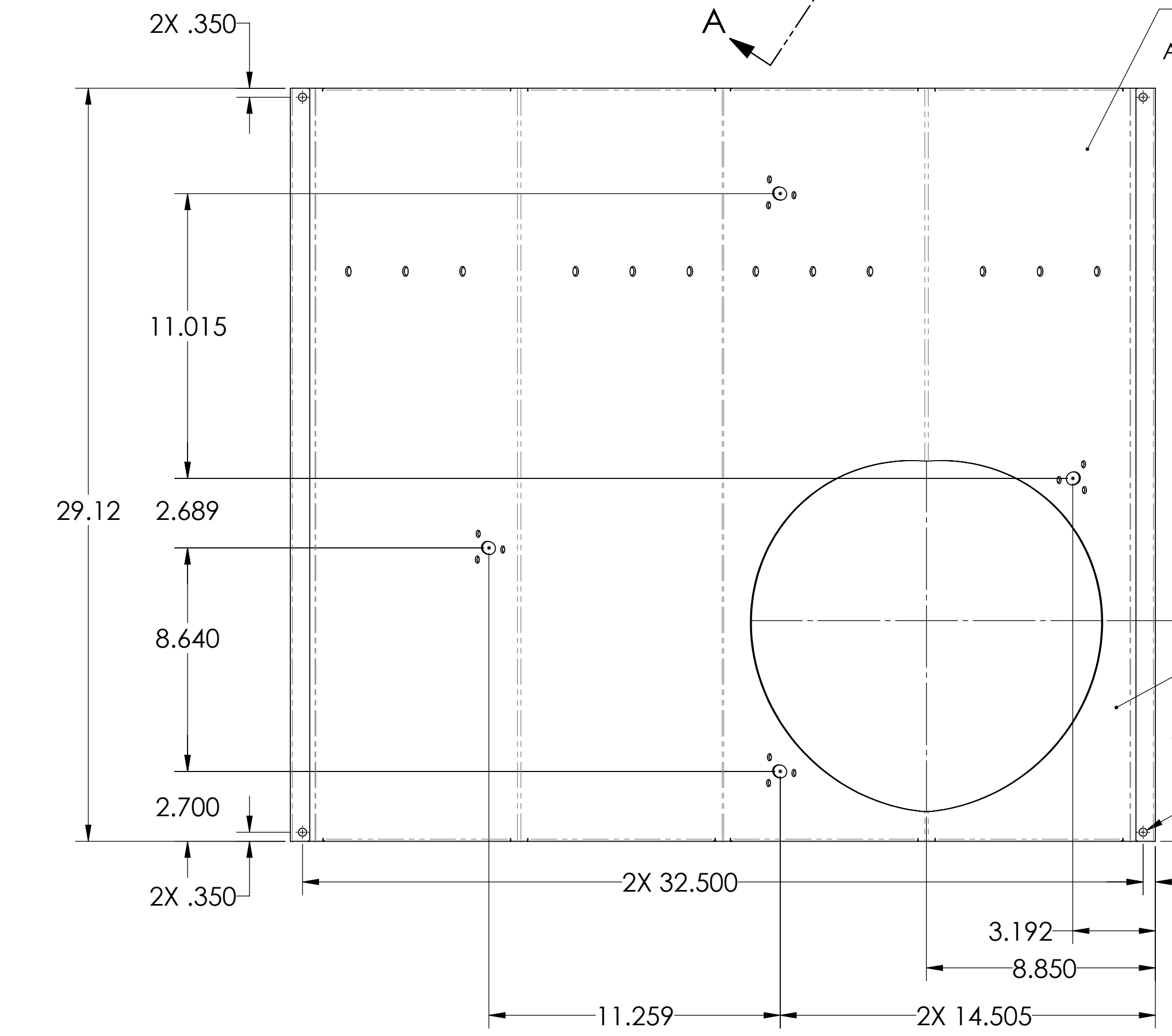
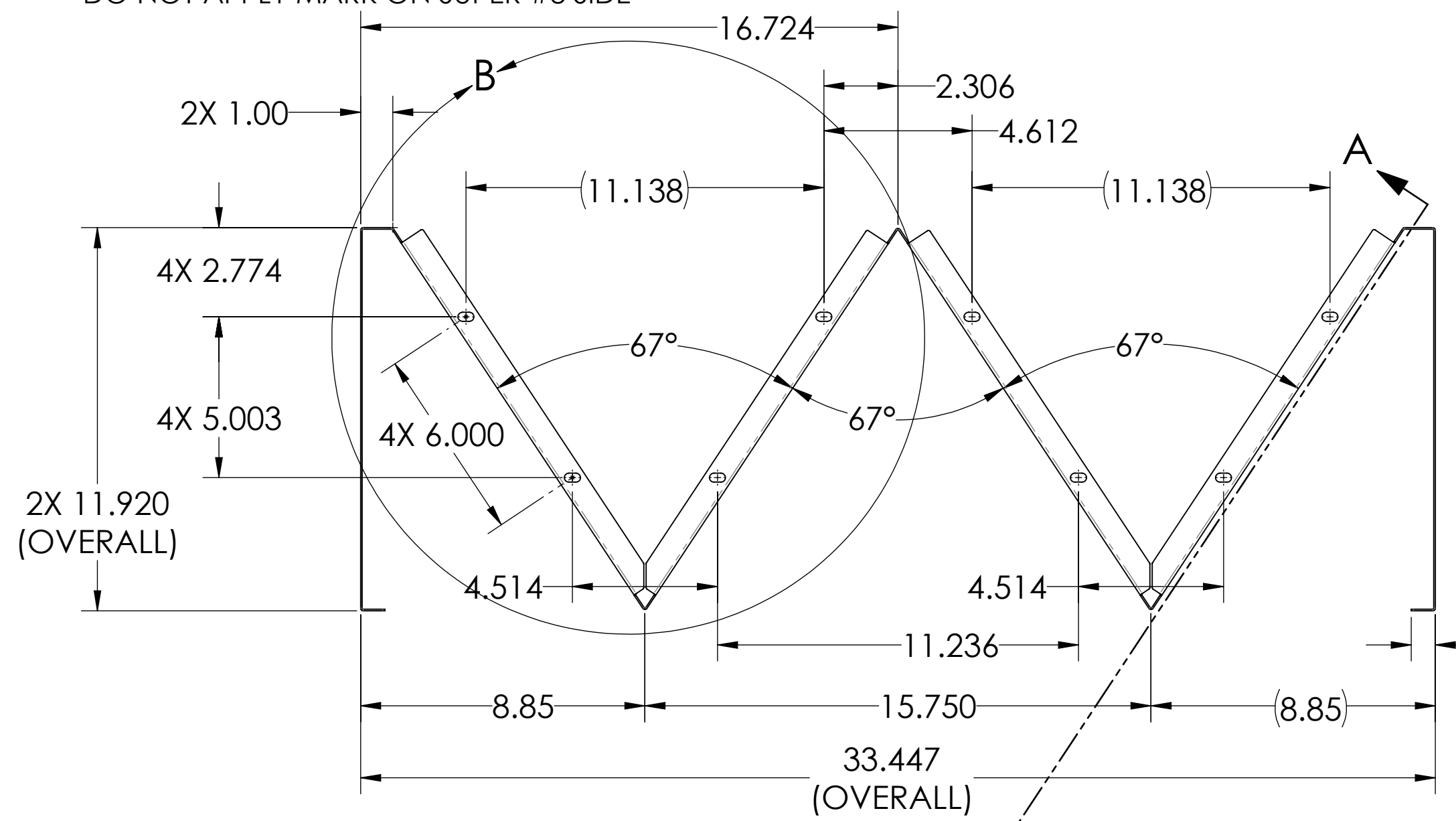


NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES .005-.015 ON ALL EDGES AND HOLES
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX DO NOT APPLY MARK ON SUPER #8 SIDE

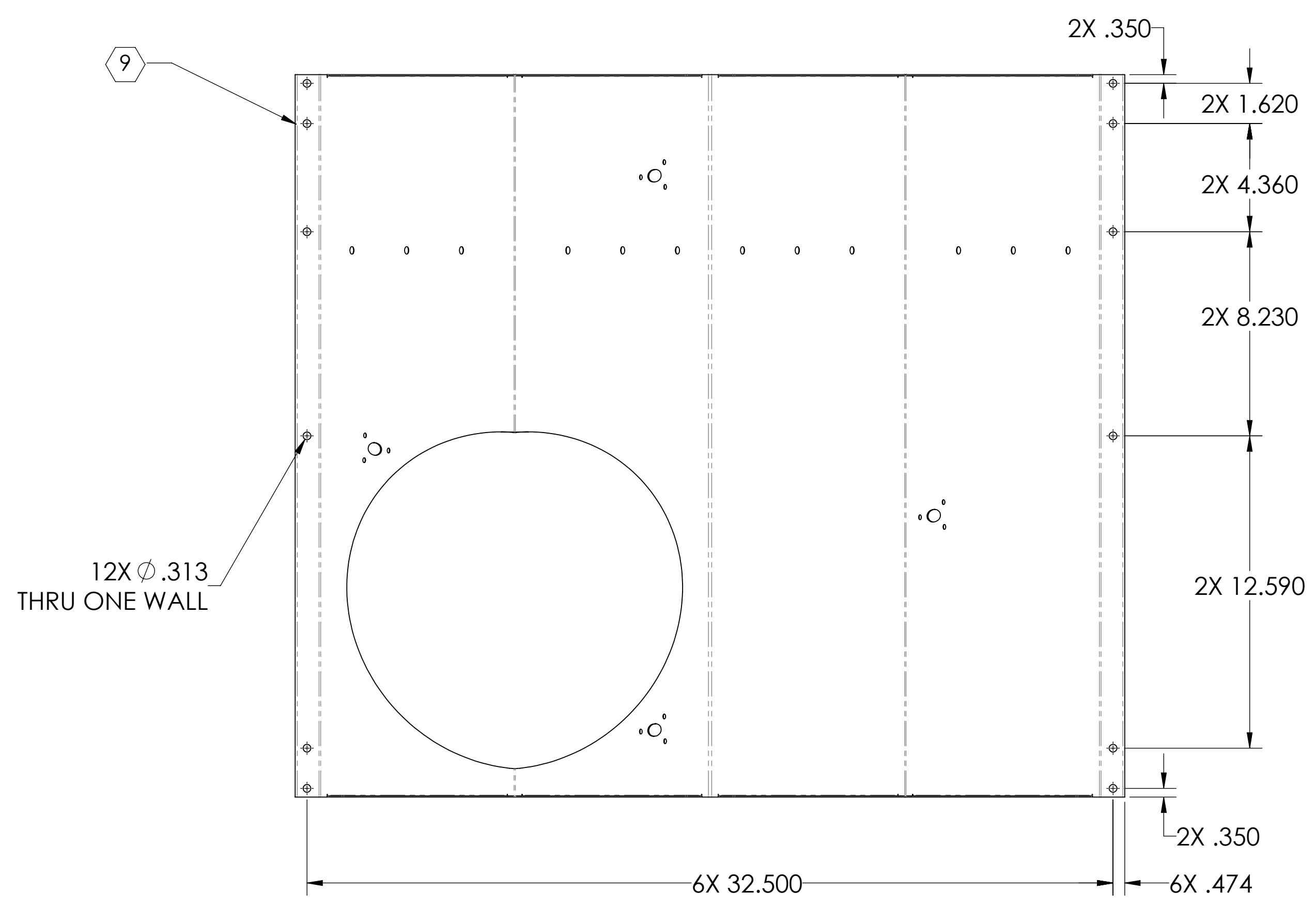
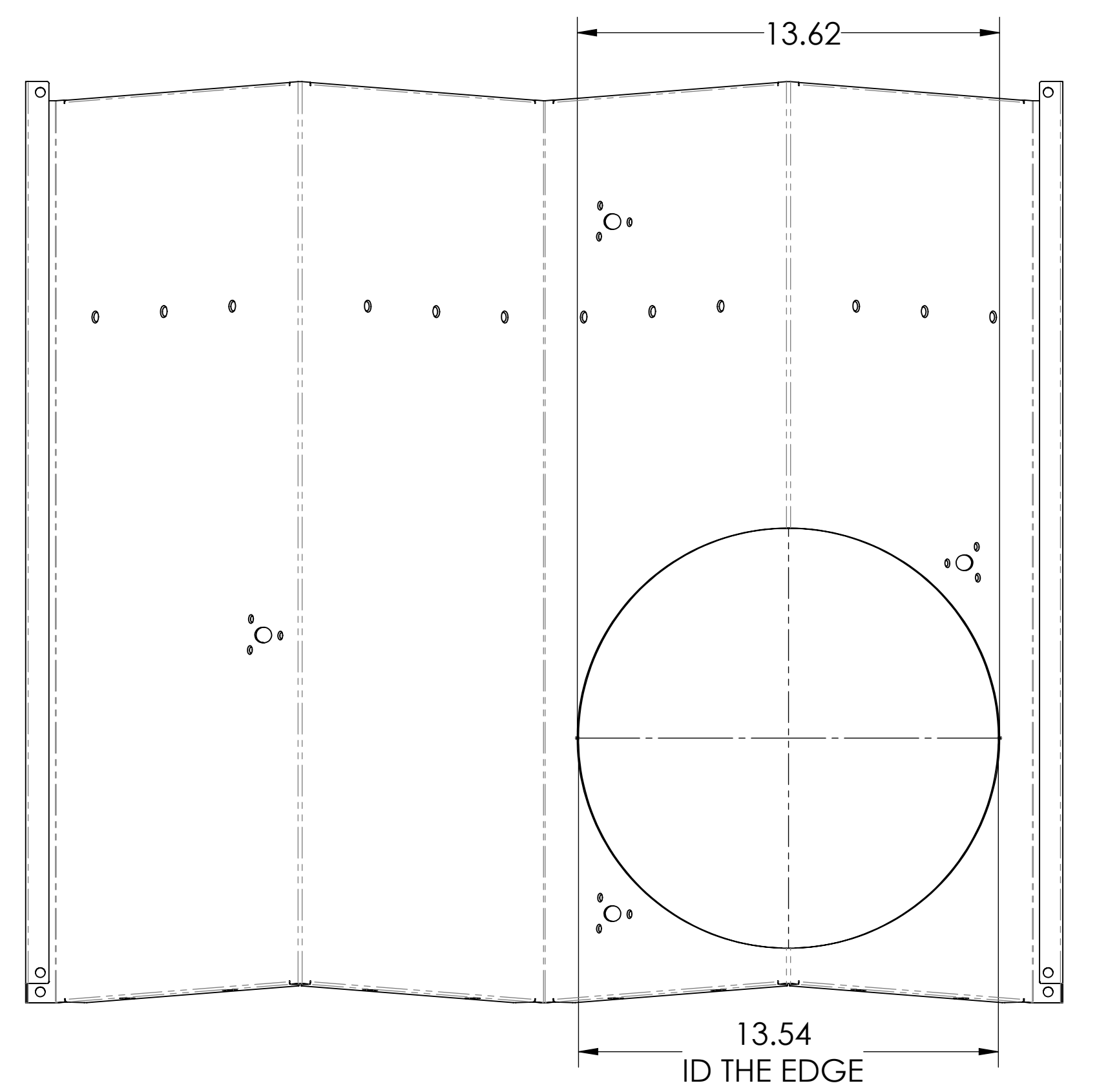
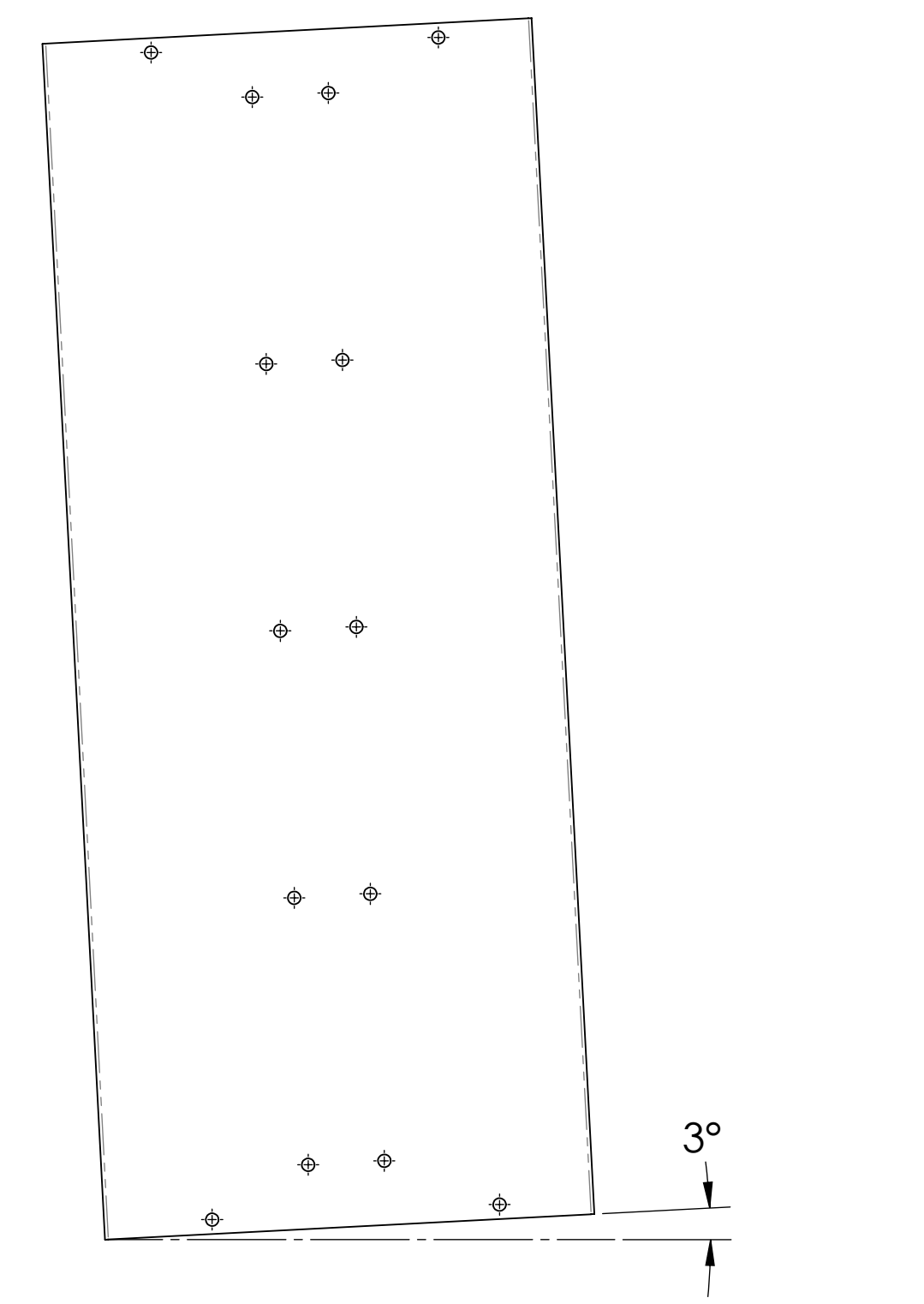
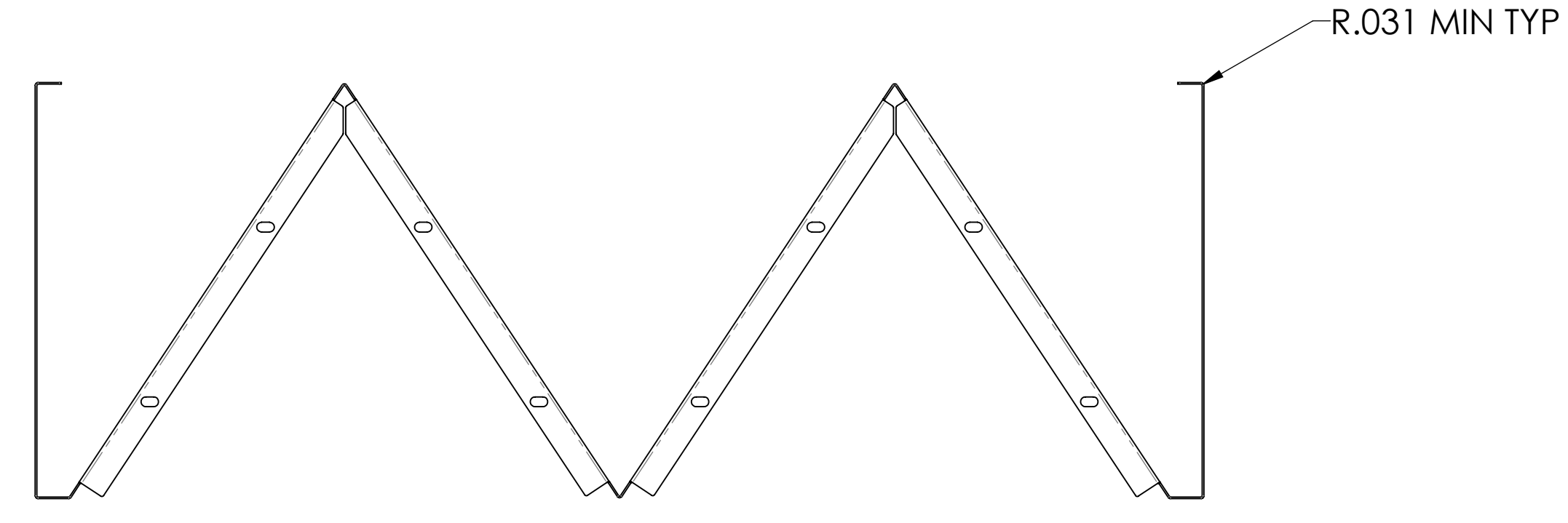
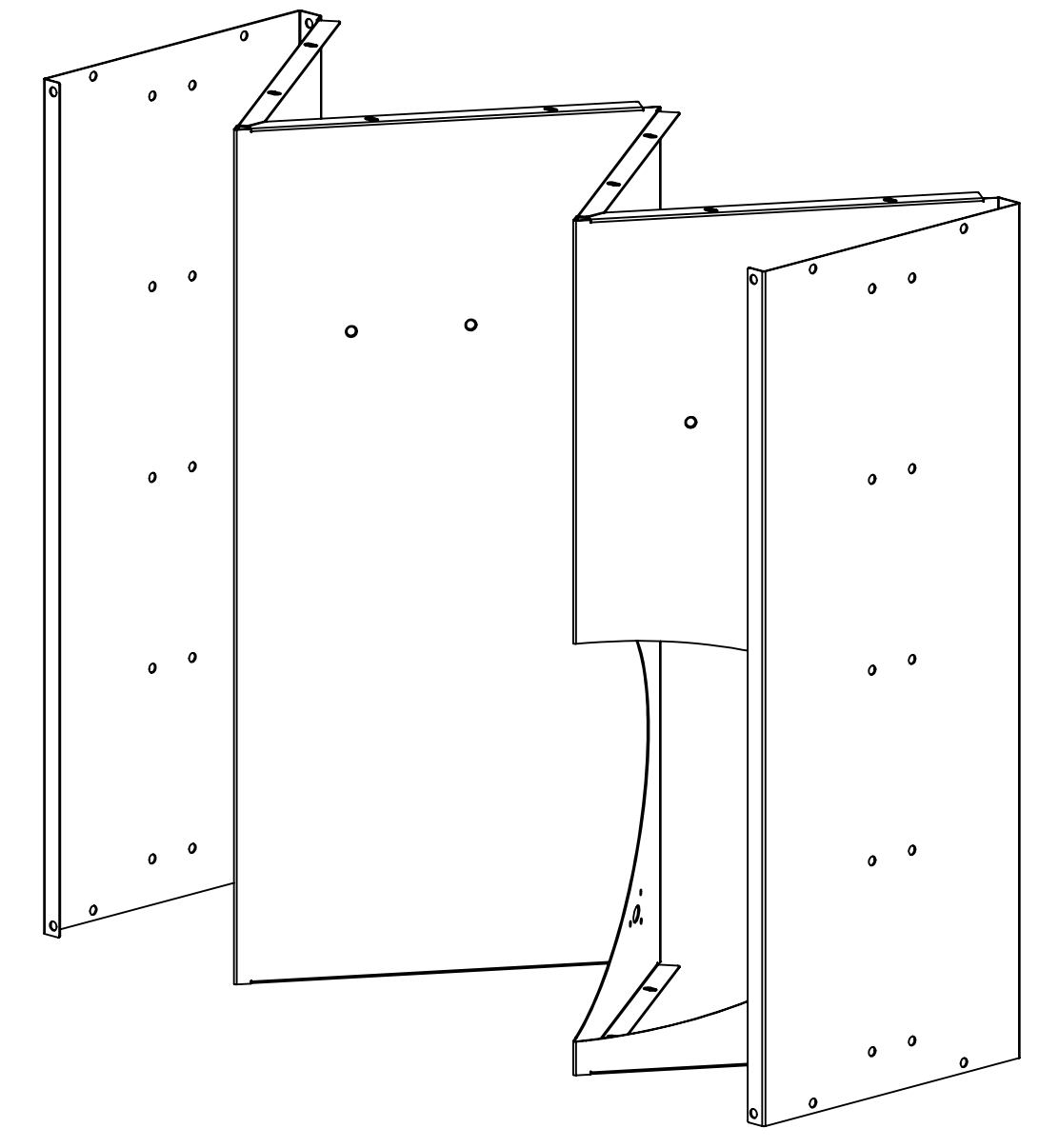
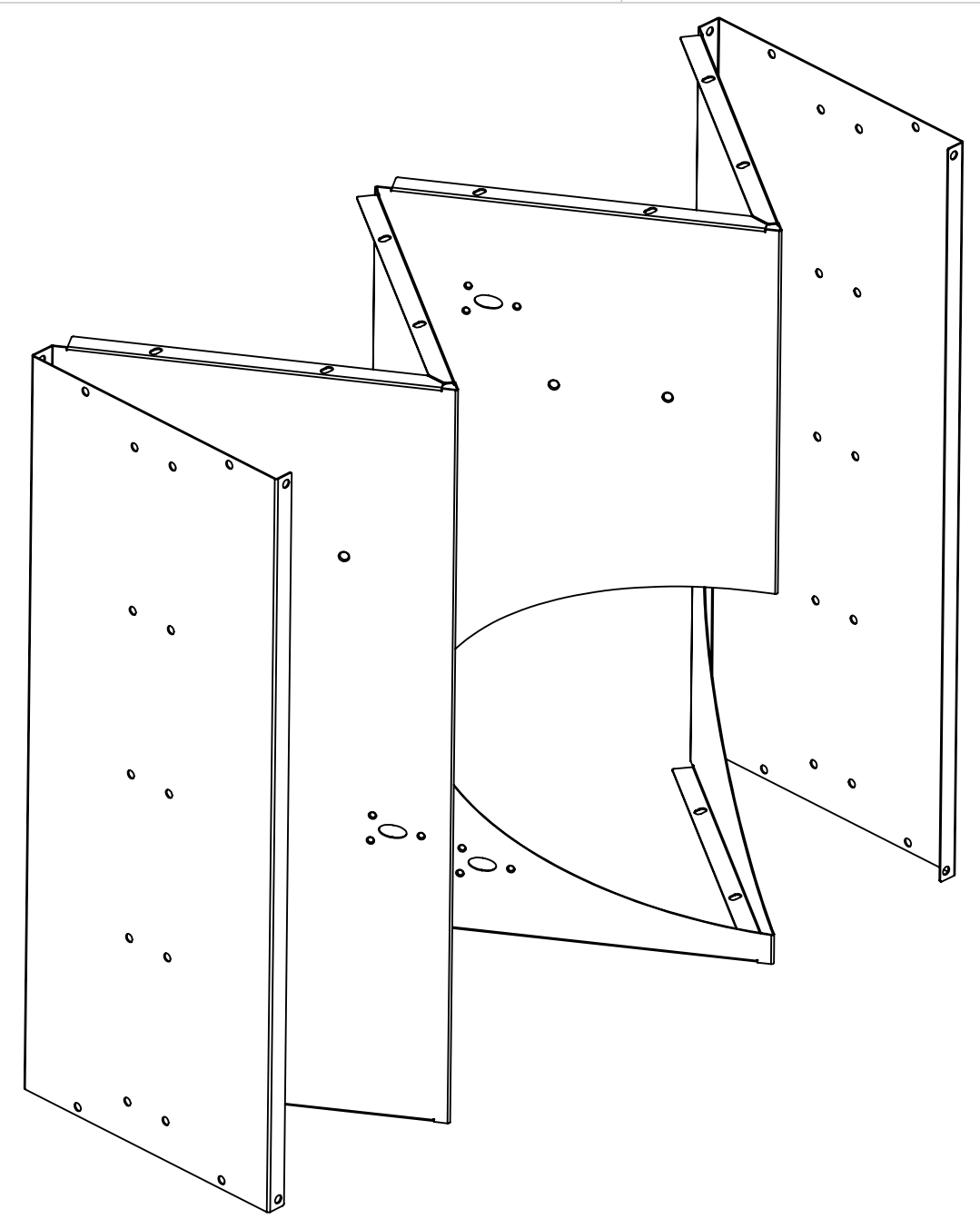
6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.
8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
9. SEE CAD FILE # D1200296.SLDPR2 TO GENERATE ELLIPSE CURVES.
10. SEE FLAT-PATTERN CAD FILE FOR CHAMFER OF 13.62" DIAMETER HOLE.

REV.	DATE	DCN #	DRAWING TREE #
v1	16 FEB 2012	E1100355	
v2	27 APR 2012	E1100355	
v3	25 JUN 2012		
v4	5 OCT 2012	E1100335	
v5	23 OCT 2012		



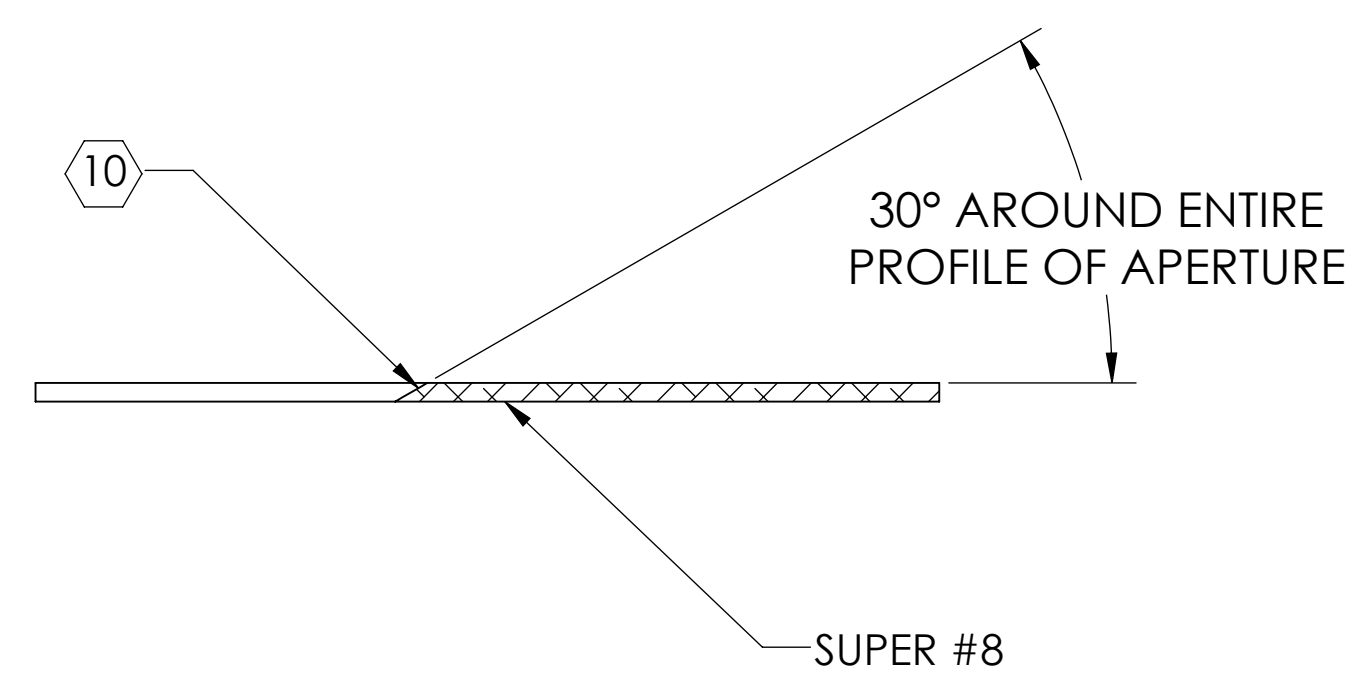
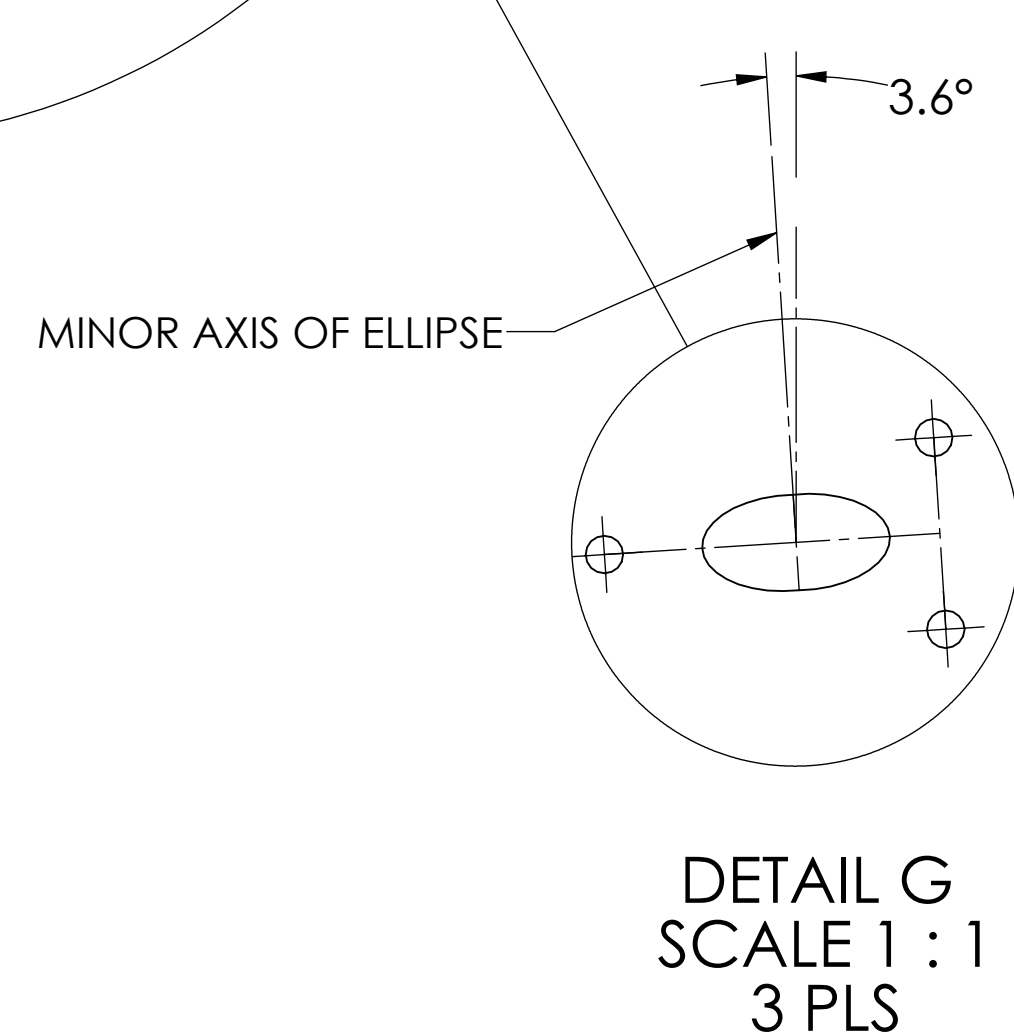
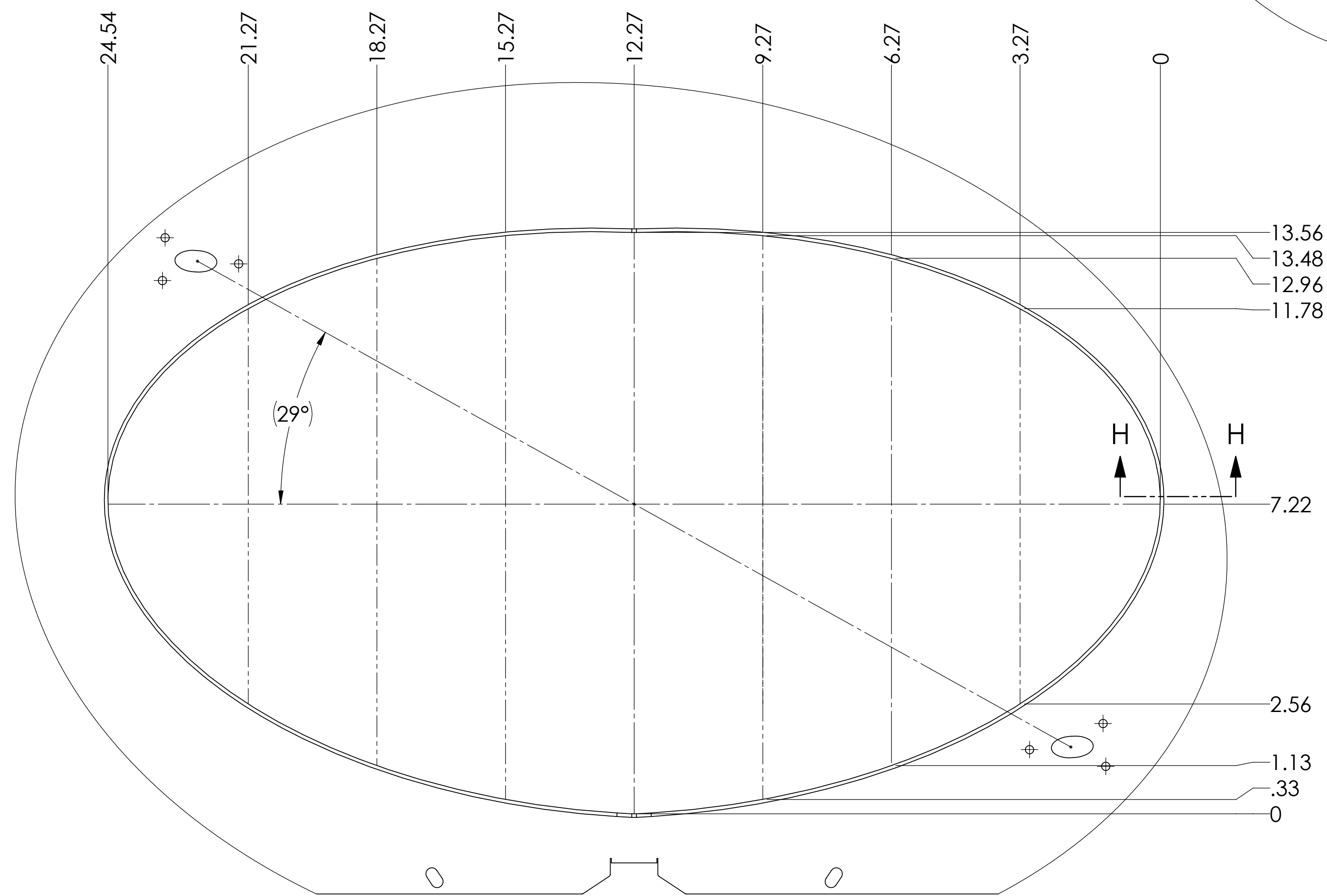
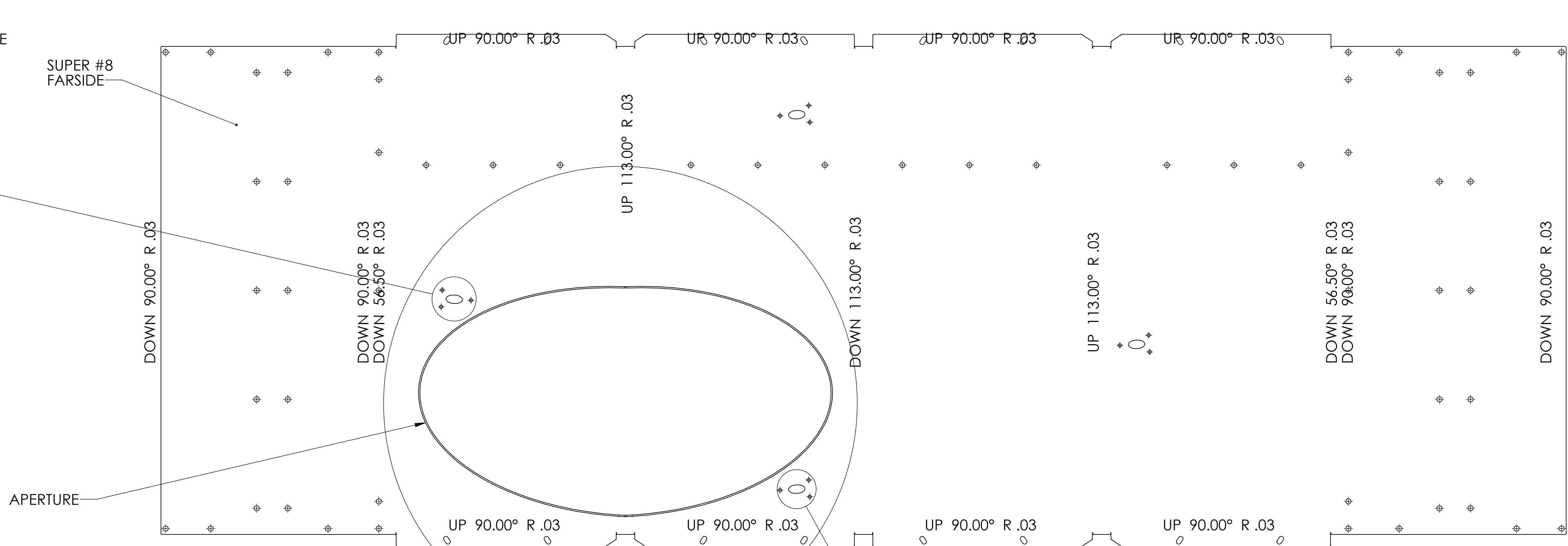
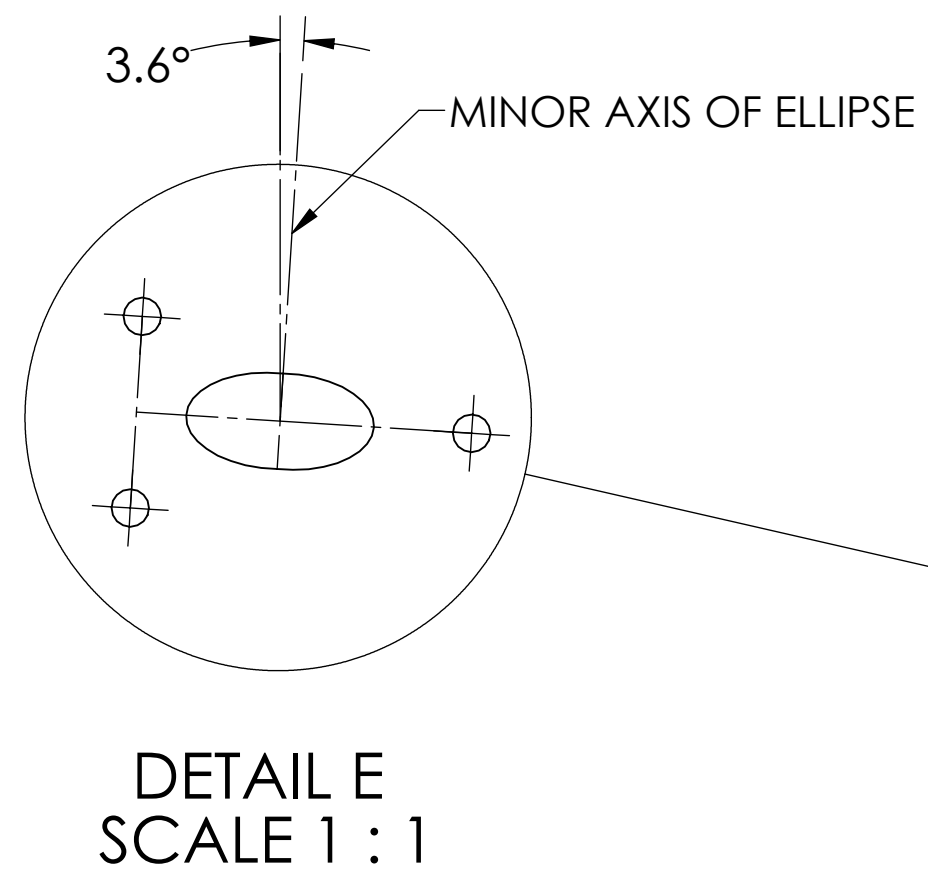
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		ADVANCED LIGO		ACB 1 HOLE RIGHT QPD SKIN (w pd)	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± 1.0°		SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS NEXT ASSY: D1200657		DESIGNER: N.Nguyen DRAFTER: M.RUIZ CHECKER: L. AUSTIN APPROVAL: M. SMITH	
MATERIAL: 18 GAUGE, 304 SSTL FINISH: SUPER #8		SIZE: D DWG. NO.: D1200296 SCALE: 1:4 PROJECTION:		REVISION: v5 SHEET 1 OF 3	

D1200296_AudiLIGO_AOS_SLC_ARM_Covily_Bottle_1 Hole Skin (with PD).PART.PDM.REV.X-017.DRAWING.PDM.REV.X-018



CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	REV.
D	D1200296	v5
SCALE: 1:4	PROJECTION:	SHEET 2 OF 3

D1200296_AduLIGO_ACS_SLC_ARM_Cavity_Baffle_1 Hole_Slot (with PD), PART, PDM REV. X-017, DRAWING PDM REV. X-018



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1200296	v5
SCALE: 1:4	PROJECTION:
SHEET 3 OF 3	

D:\200296_Adu\GO_AQS_SLC_ARM_Cavity_Bottle_1 Hole_Slot (with PD).PART.PDM.REV.X-017.DRAWING.PDM.REV.X-018