

**NOTES CONTINUES:**

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

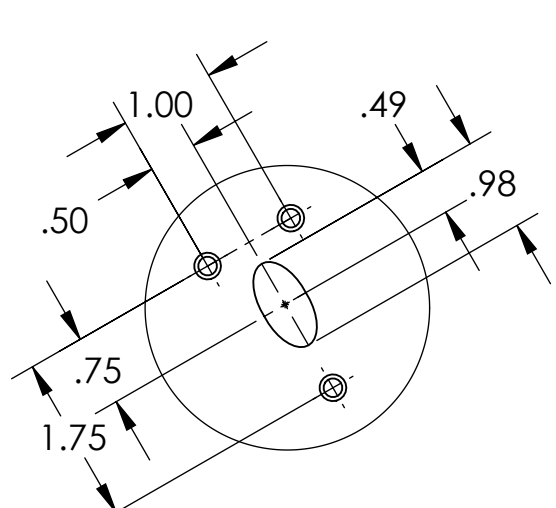
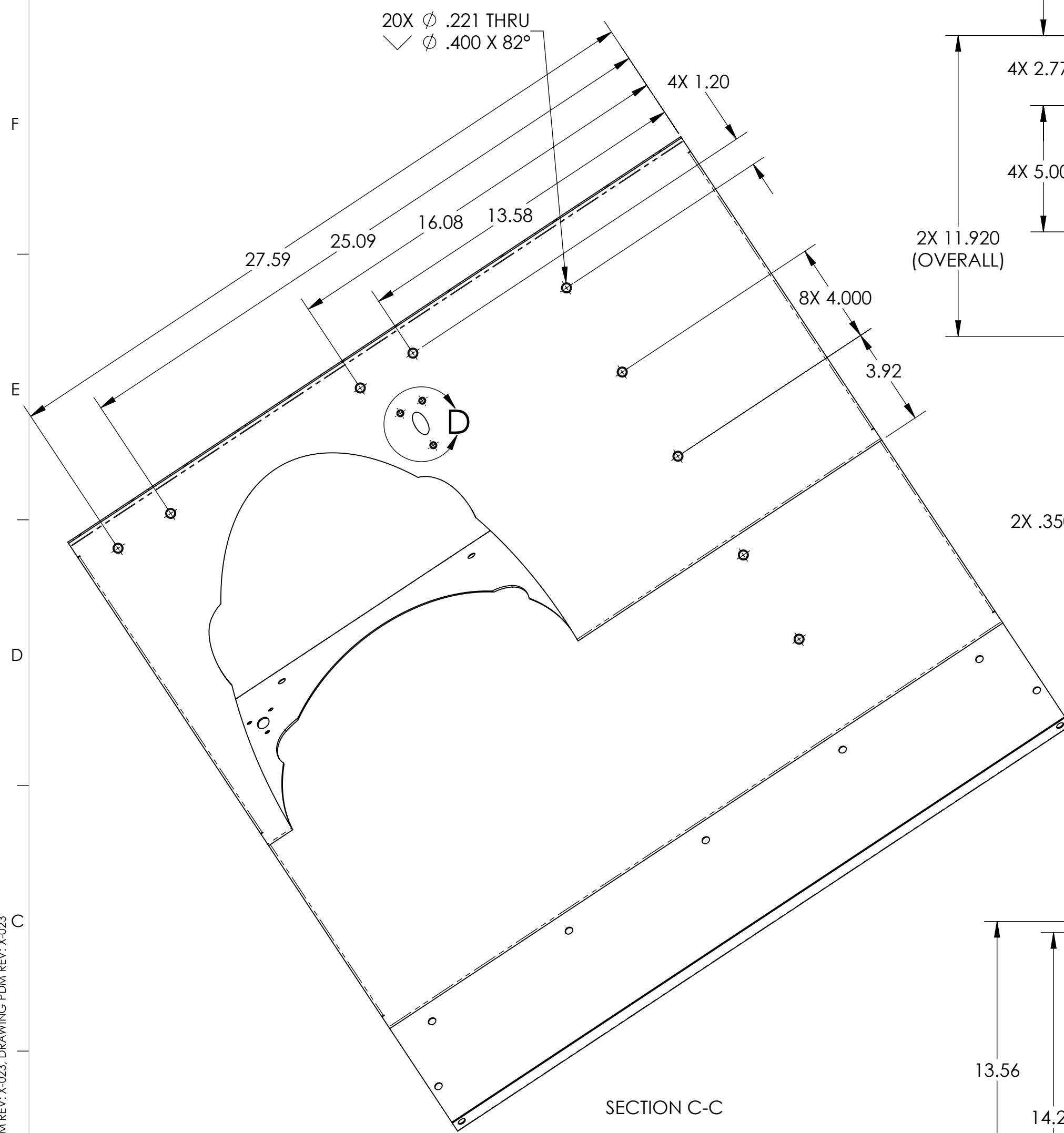
6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.

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.

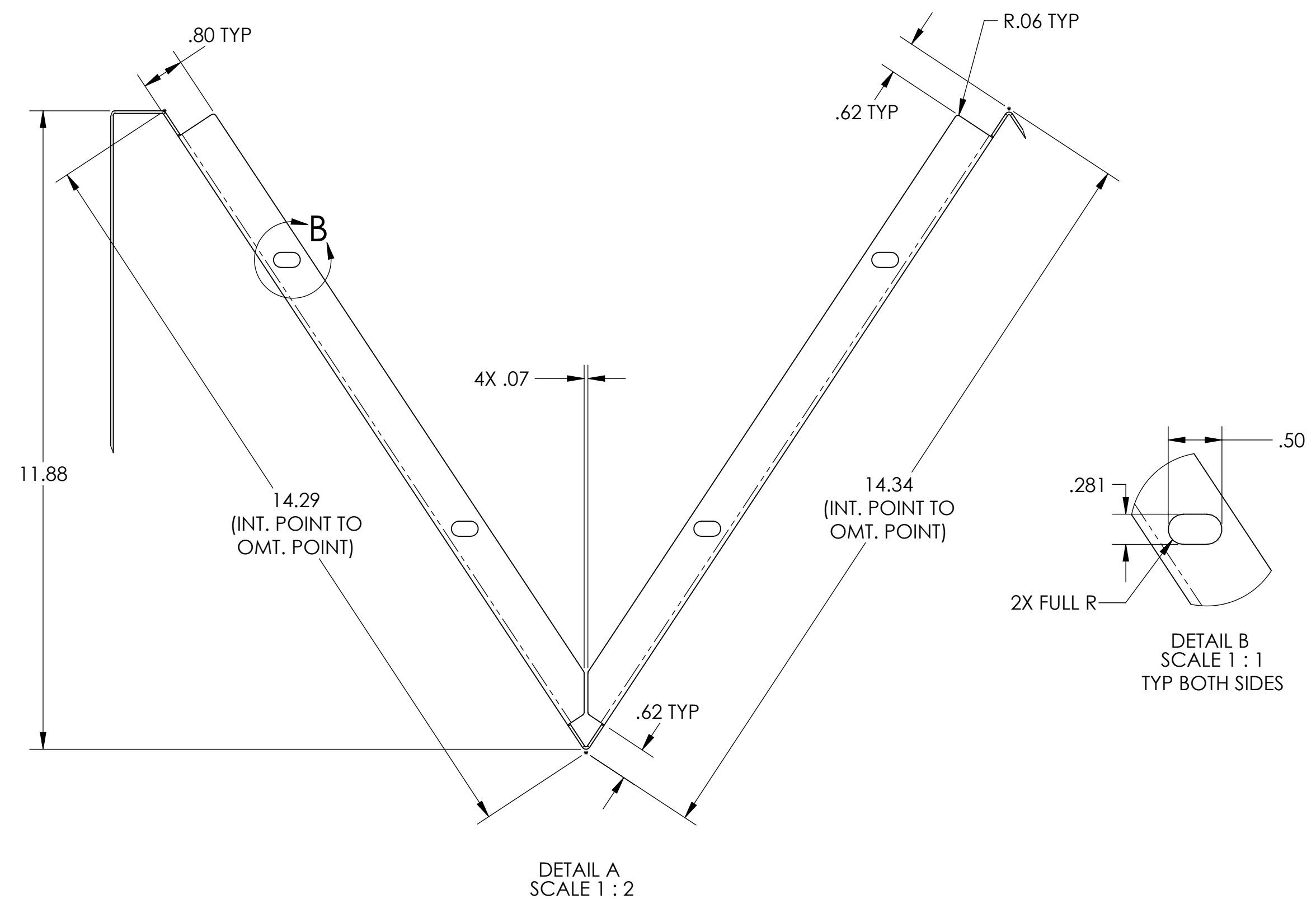
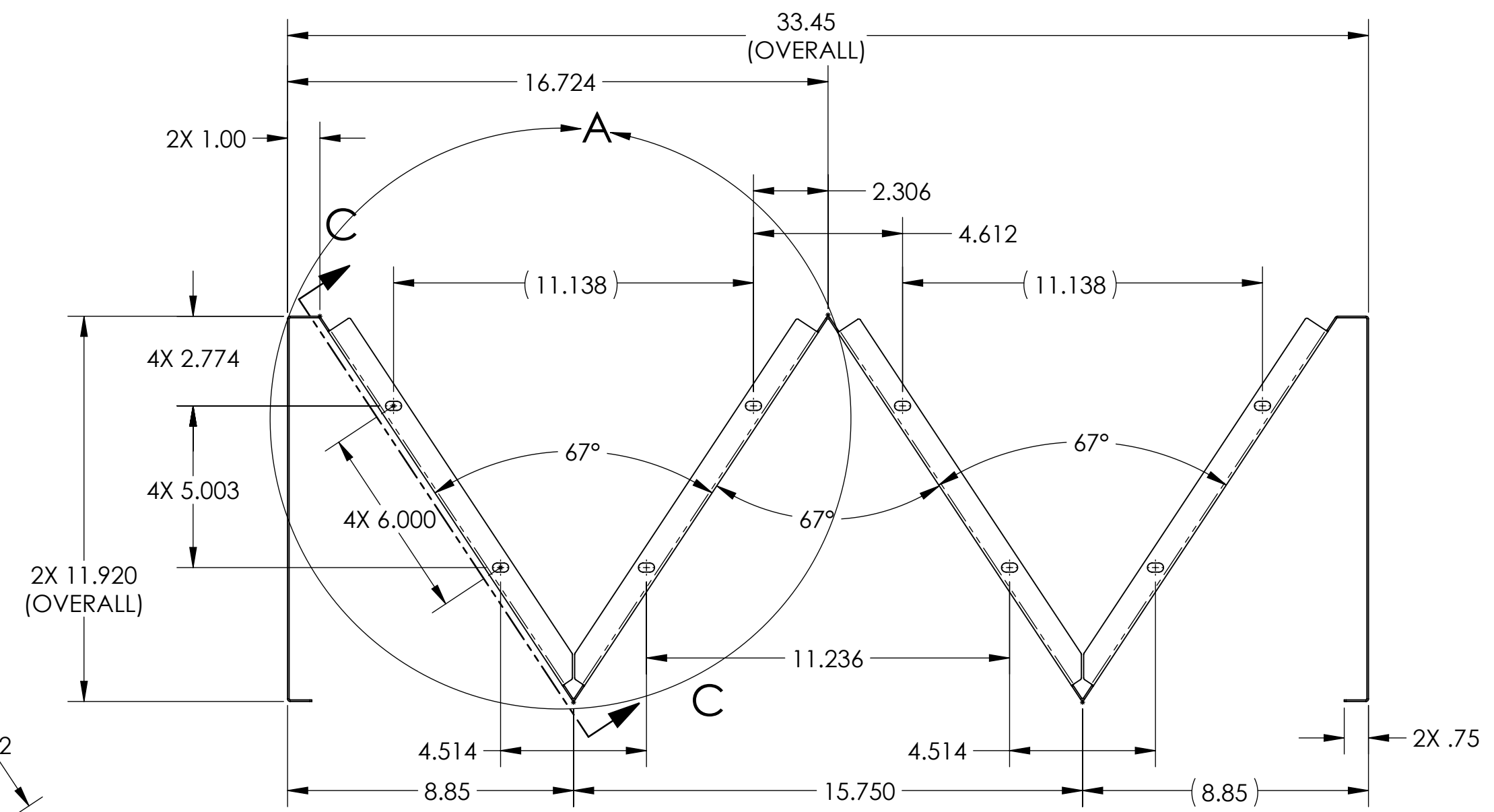
⑧. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

⑨. SEE CAD FILE # D1200329 TO GENERATE ELLIPSE CURVES.

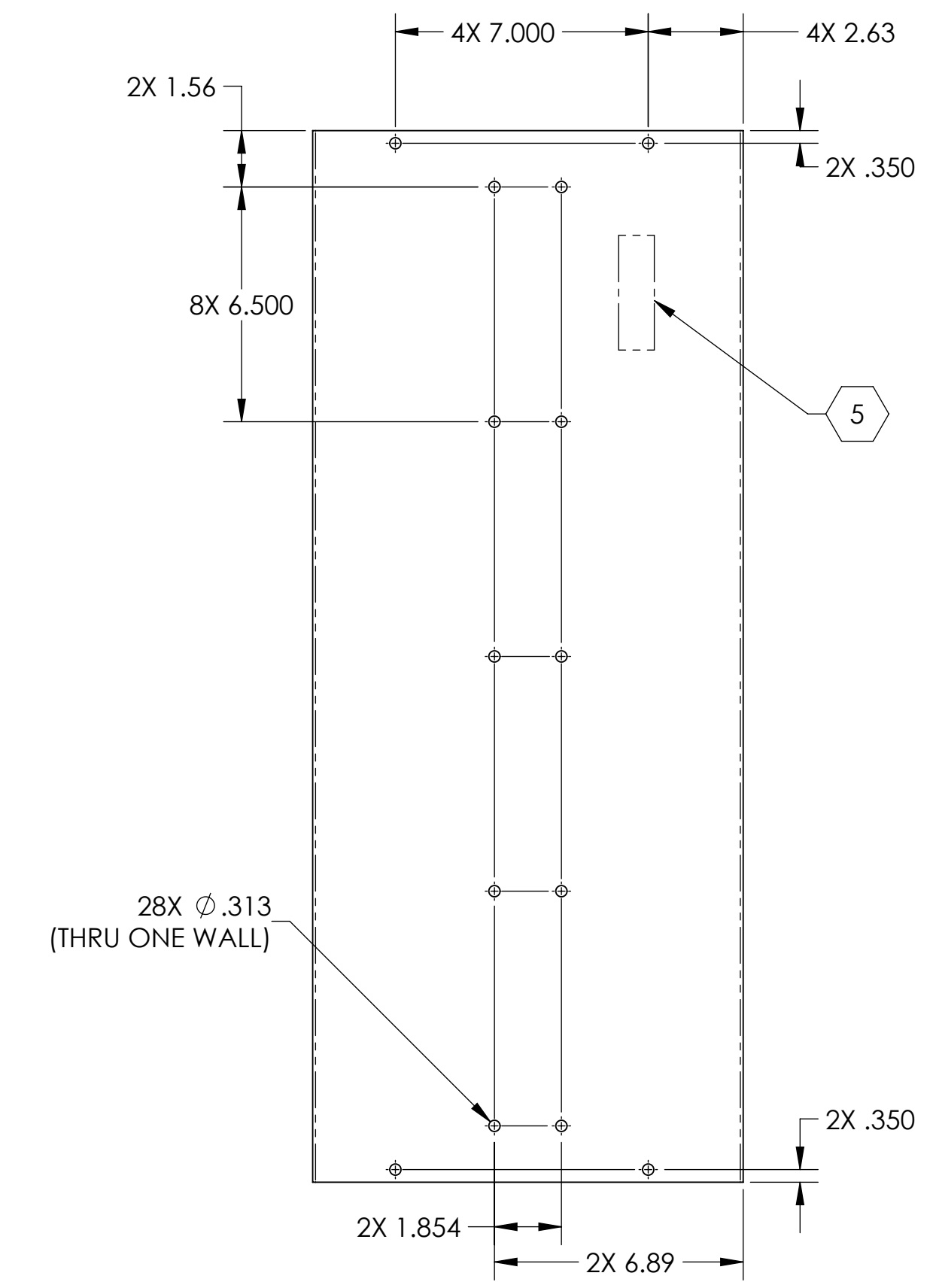
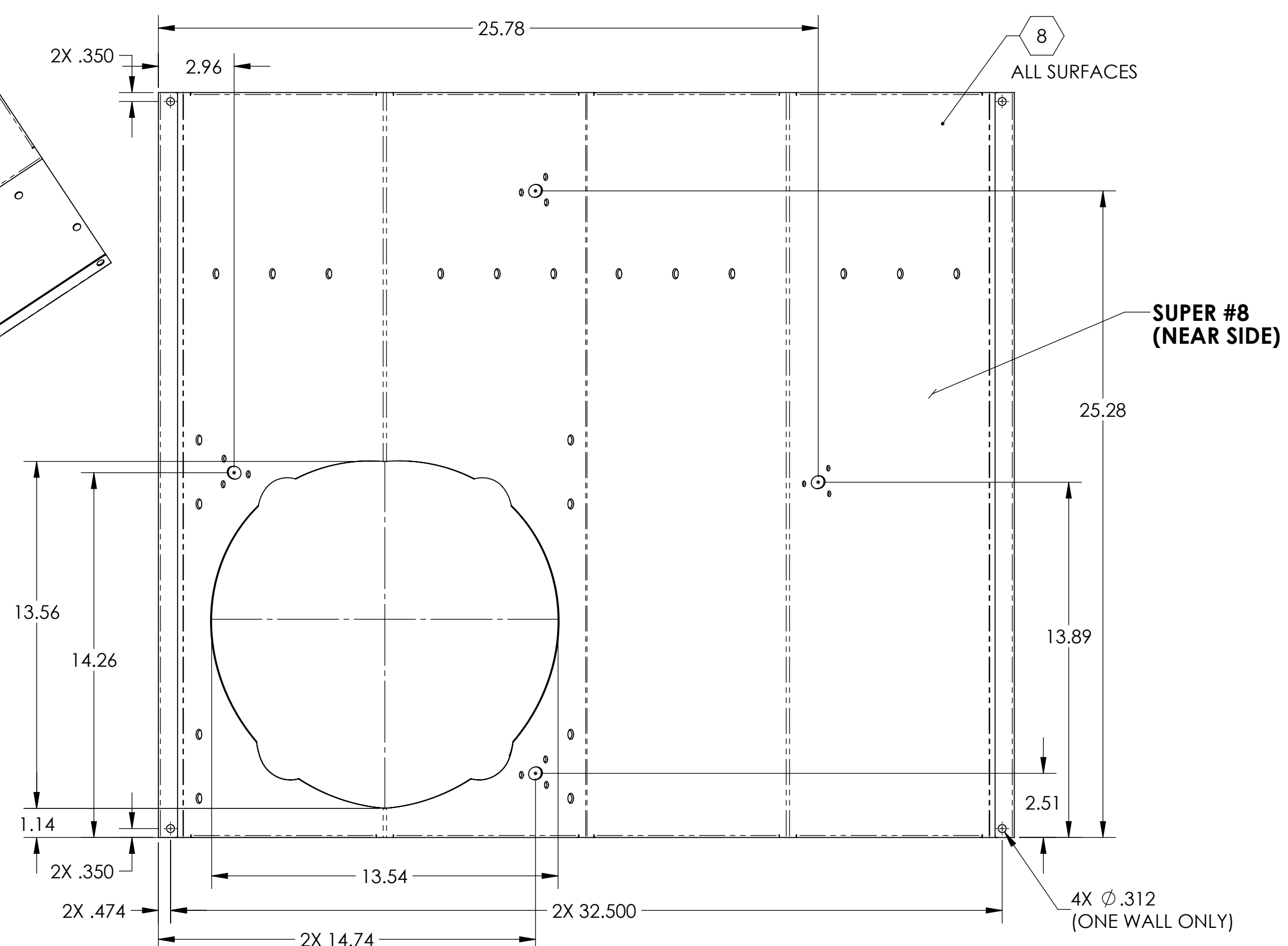
REV.	DATE	DCN #	DRAWING TREE #
v1	17 FEB 2012	E1100335	-
v4	14 MAR 2013	E1100335	-
-	-	-	-



DETAIL D  
SCALE 1 : 2



DETAIL A  
SCALE 1 : 2

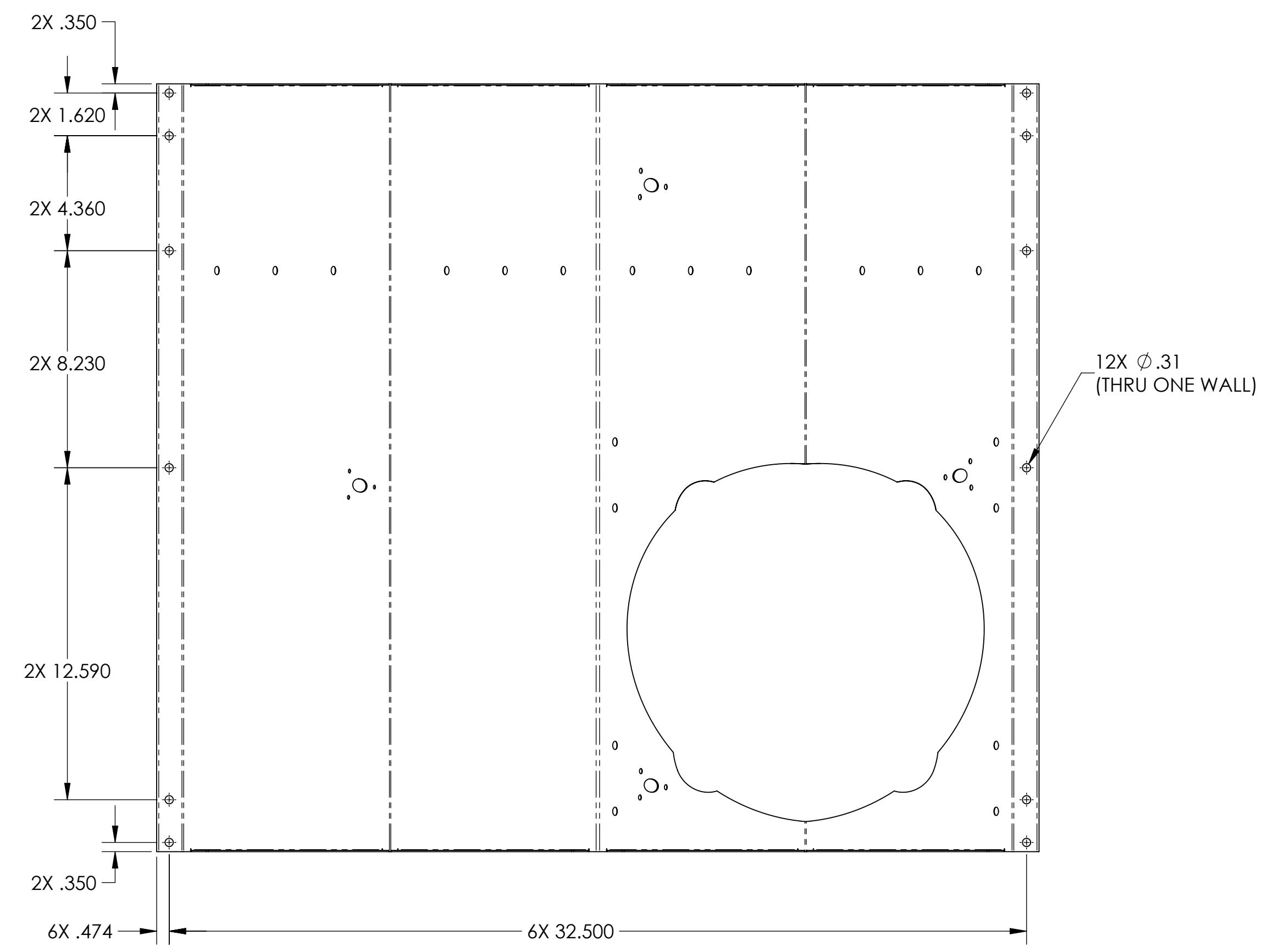
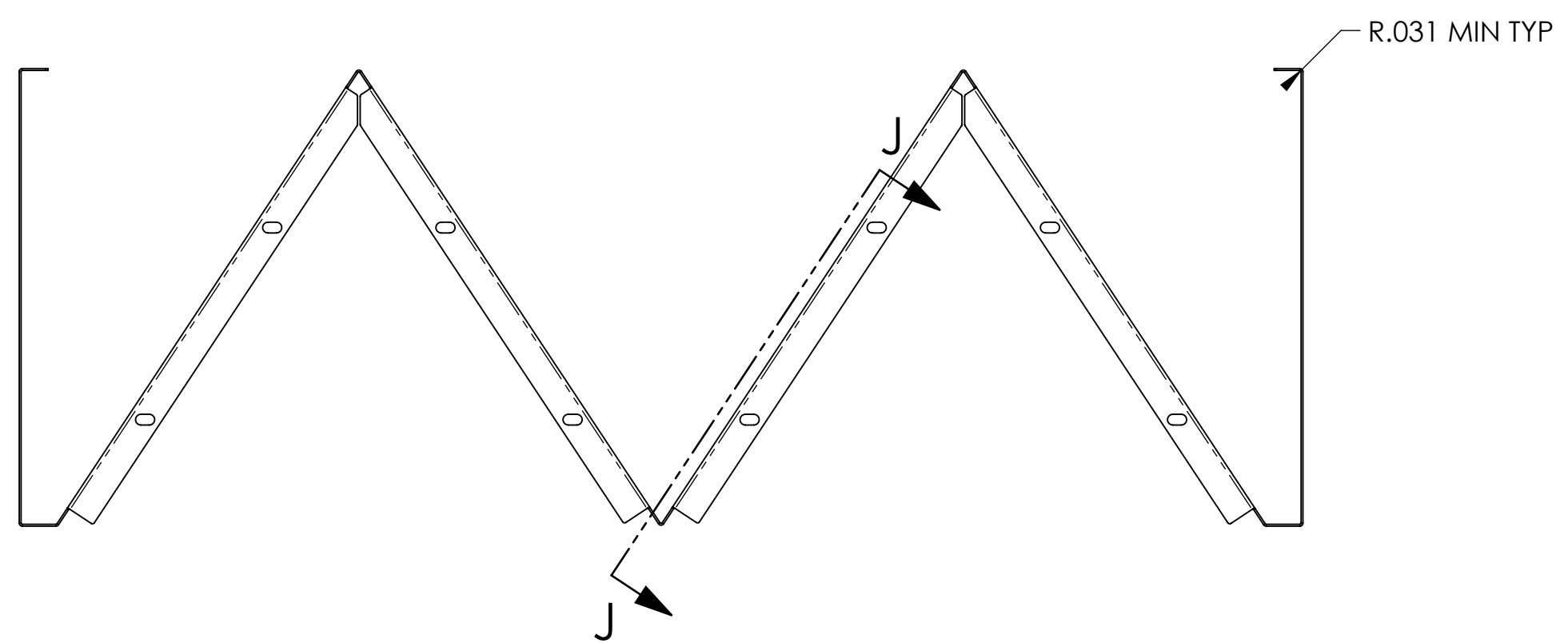
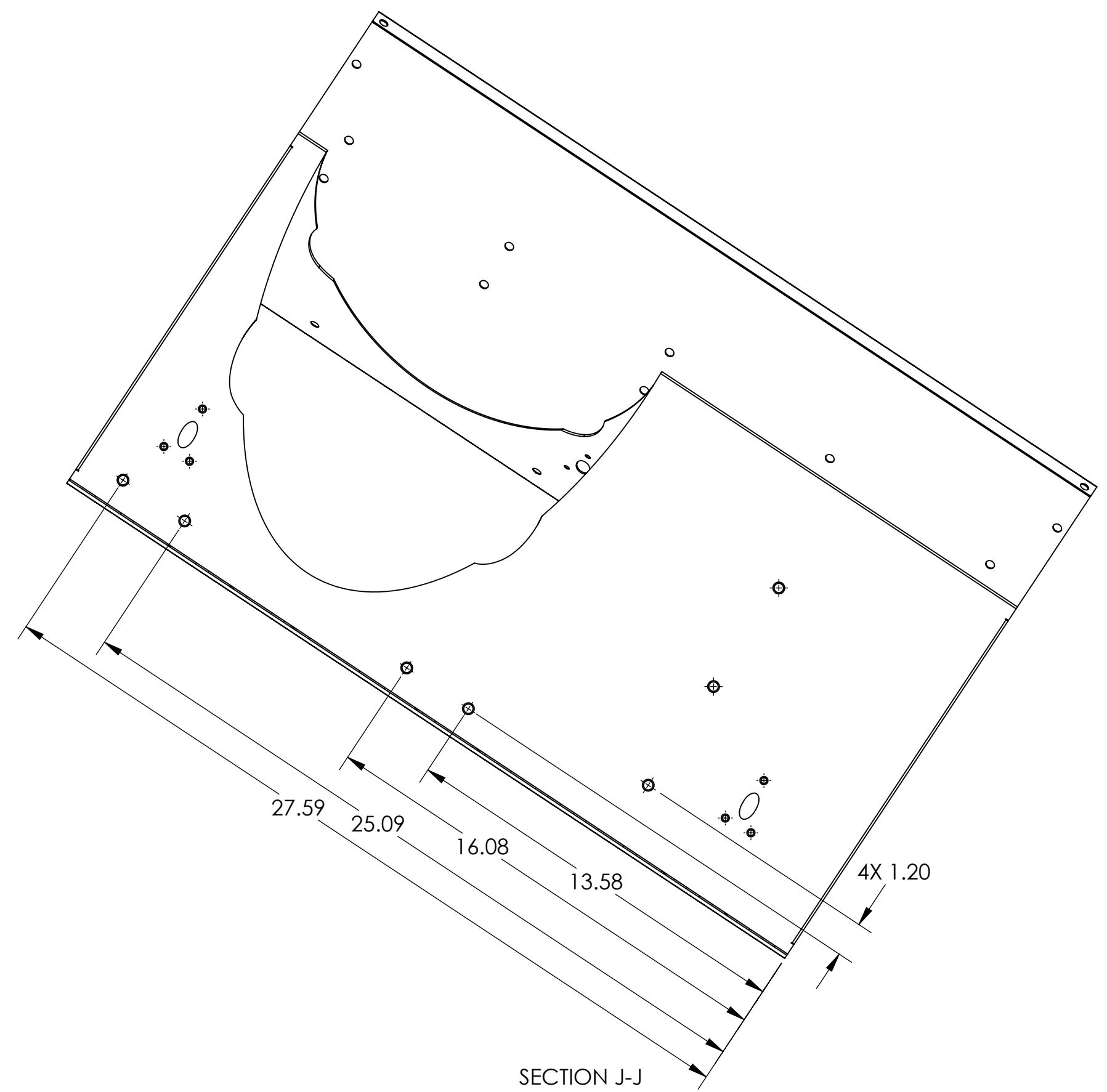



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
1. INTERPRET DRAWING PER ASME Y14.5-1994.	
2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.	
3. DO NOT SCALE FROM DRAWING.	
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL	FINISH
18 GAUGE, 304 SSSL	SUPER #8 ⑧

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	AOS
NEXT ASSY	D1200654

PART NAME				ACB ETM Y, BOX LEFT 1 HOLE SKIN (With PDs)			
DESIGNER	N.Nguyen	20 Dec 2010	SIZE	DWG. NO.	REV.		
DRAFTER	TG. NGUYEN	11 OCT 2012	D	D1200329	v4		
CHECKER	L. AUSTIN		SCALE: 1:4	PROJECTION:	SHEET 1 OF 4		
APPROVAL	M. SMITH						

D1200329\_AudiGO\_AOS\_SLC\_ETM\_Y\_ACB\_BOX\_LEFT\_1\_HOLE\_SKIN (With PDs)\_PART PDM REV: X.003, DRAWING PDM REV: X.023

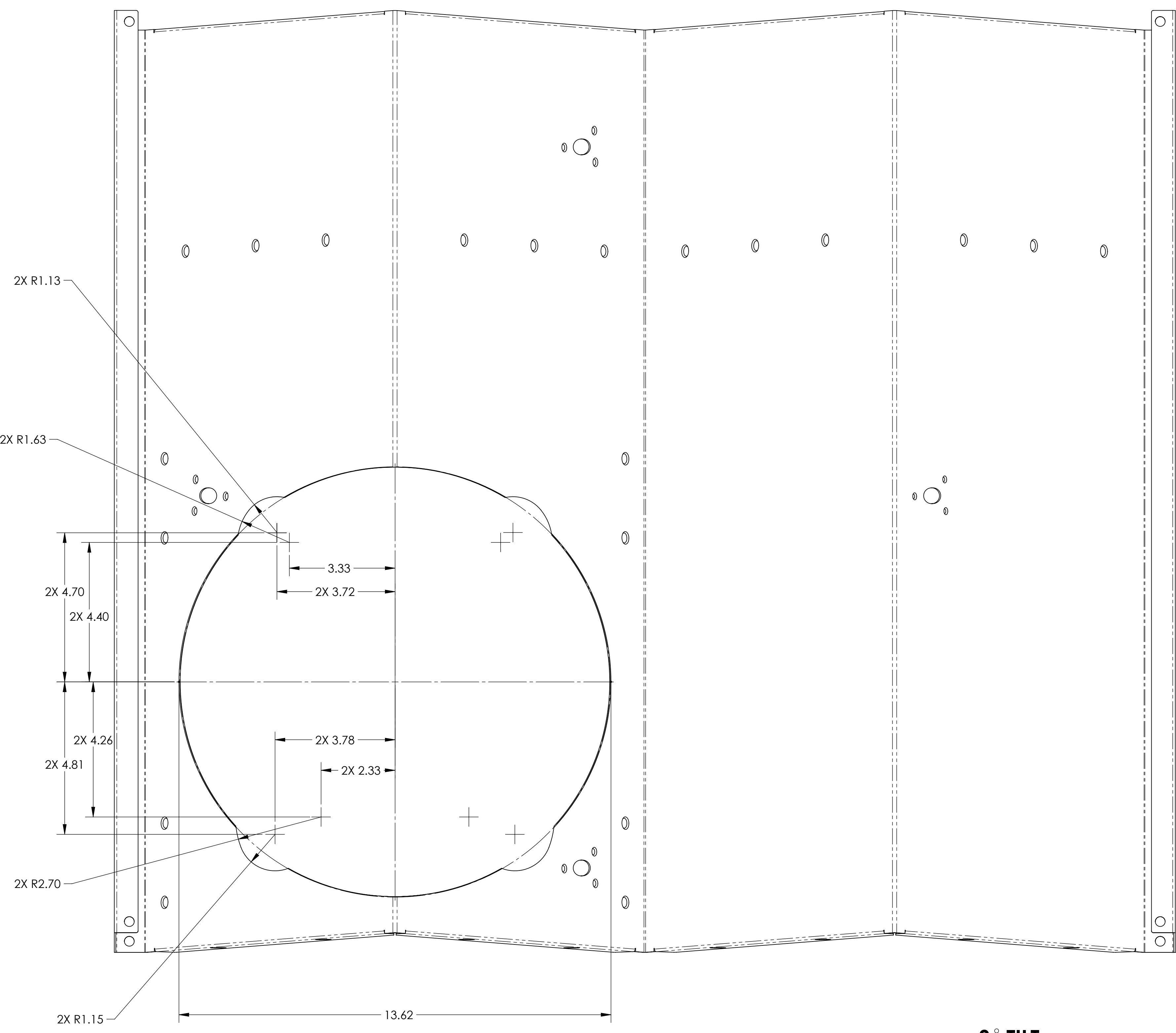


 <b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b> <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>		SIZE DWG. NO. <b>D D1200329</b>	REV. <b>v4</b>
SCALE: 1:4		PROJECTION:	SHEET 2 OF 4

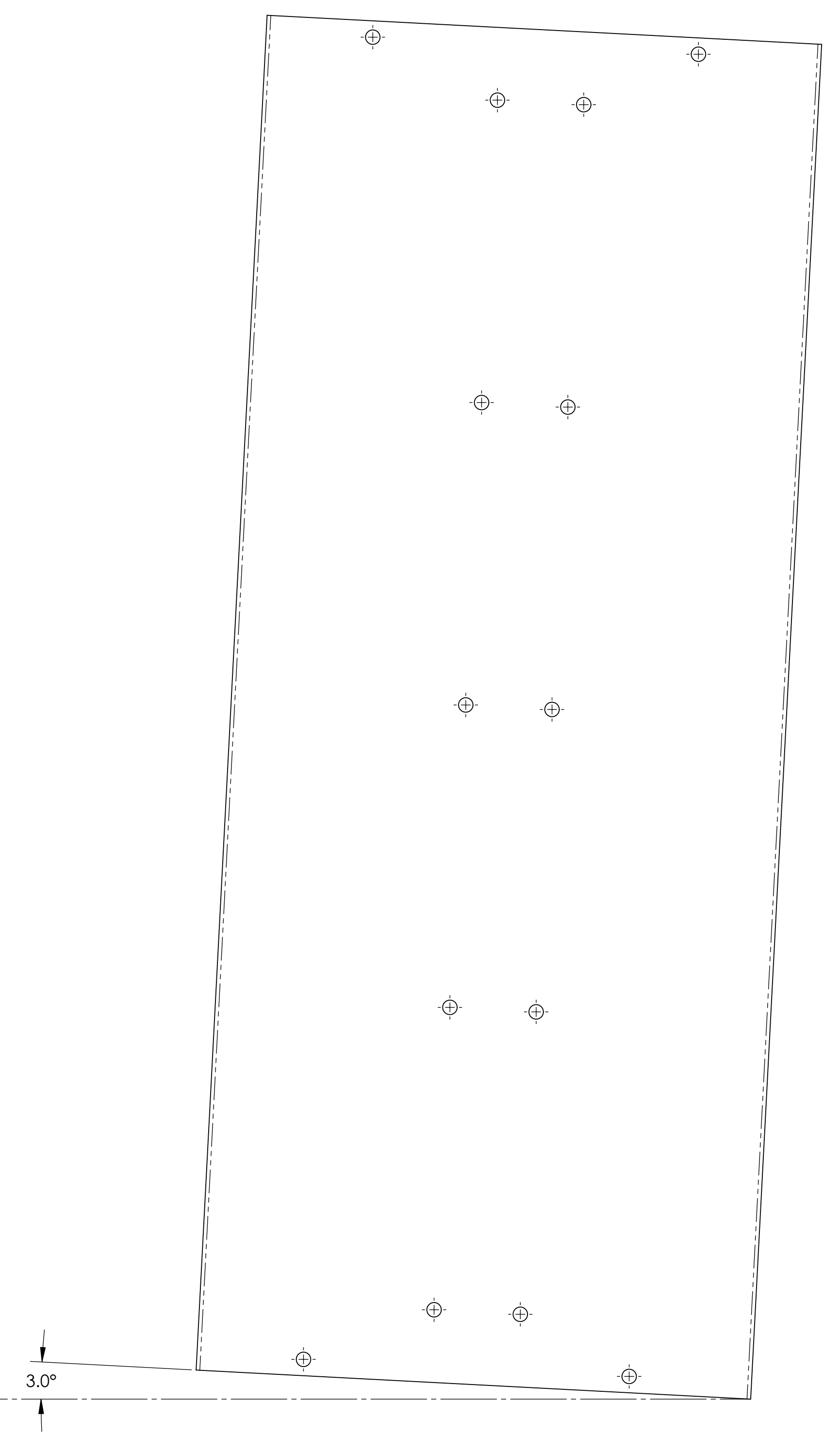
D:\200329\_AduLIGO\_ACS\_SIC\_ETM\_Y\_ACS\_BOX\LEFT\_HOLE\_SKIN (WITH\_FDS)\_PART\_PDM\REV-X.023\_DRAWING\_PDM\_REV-X.023

8 7 6 5 4 3 2 1

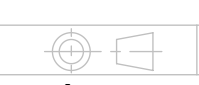
H  
G  
F  
E  
D  
C  
B  
A



3° TILT

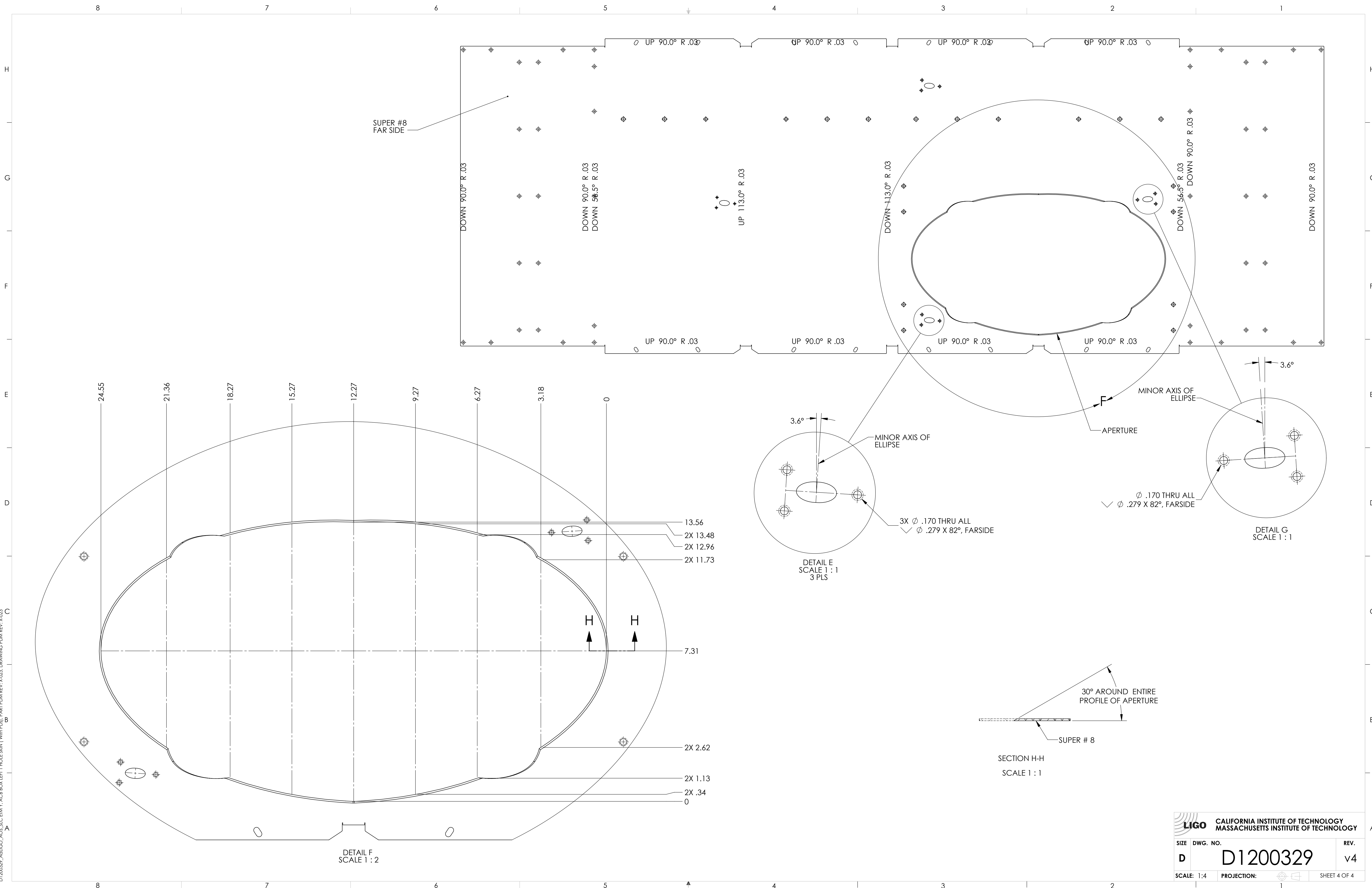


3.0°

<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
<b>D</b> <b>D1200329</b>	<b>v4</b>
SCALE: 1:2	PROJECTION:  SHEET 3 OF 4

D:\200329\_AduLIGO\_ACS\_SIC\_ETM\_Y\_ACS\_BOX\LEFT\_HOLE\_SKIN ( WITH PSD) - PART PDM REV-X-003.DWG (PART PDM REV-X-003)

8 7 6 5 4 3 2 1



D1200329\_AudiGO\_ACS\_SIC\_ETM\_Y\_ACS\_BOX\_LEFT\_HOLE\_SKIN (WITH\_PDA)\_PART\_PDM\_REV-X.003\_DRAWING\_PDM\_REV-X.003

<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
<b>D</b> <b>D1200329</b>	<b>v4</b>
SCALE: 1:4	PROJECTION:
SHEET 4 OF 4	