

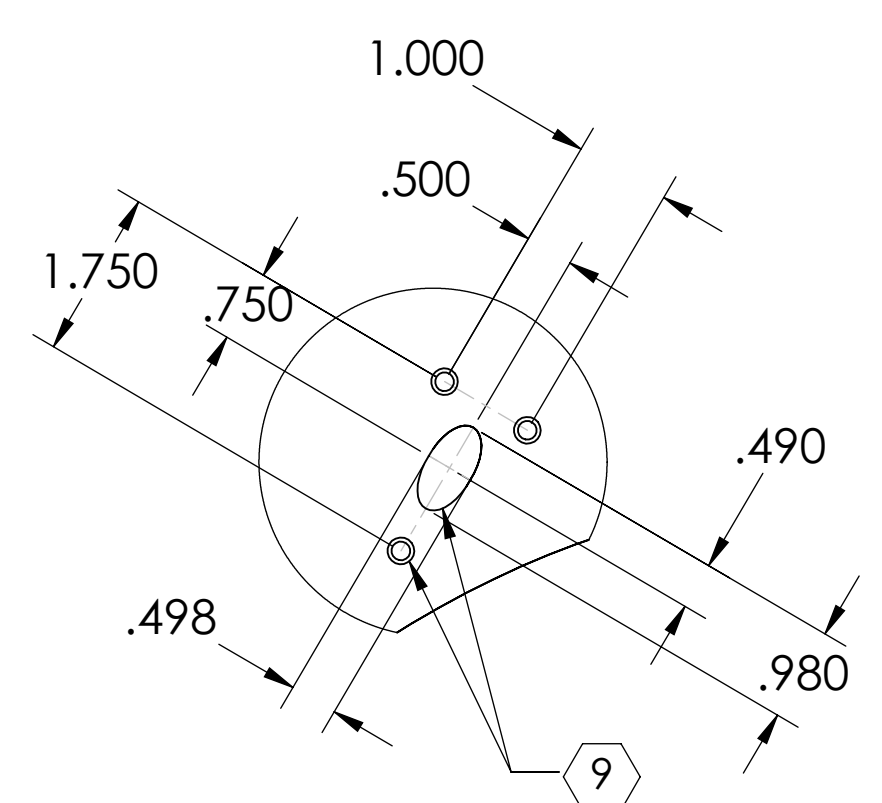
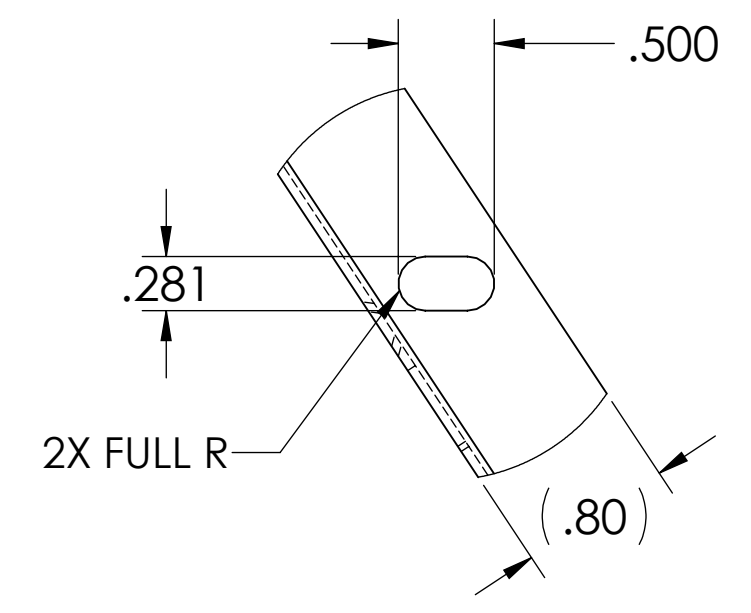
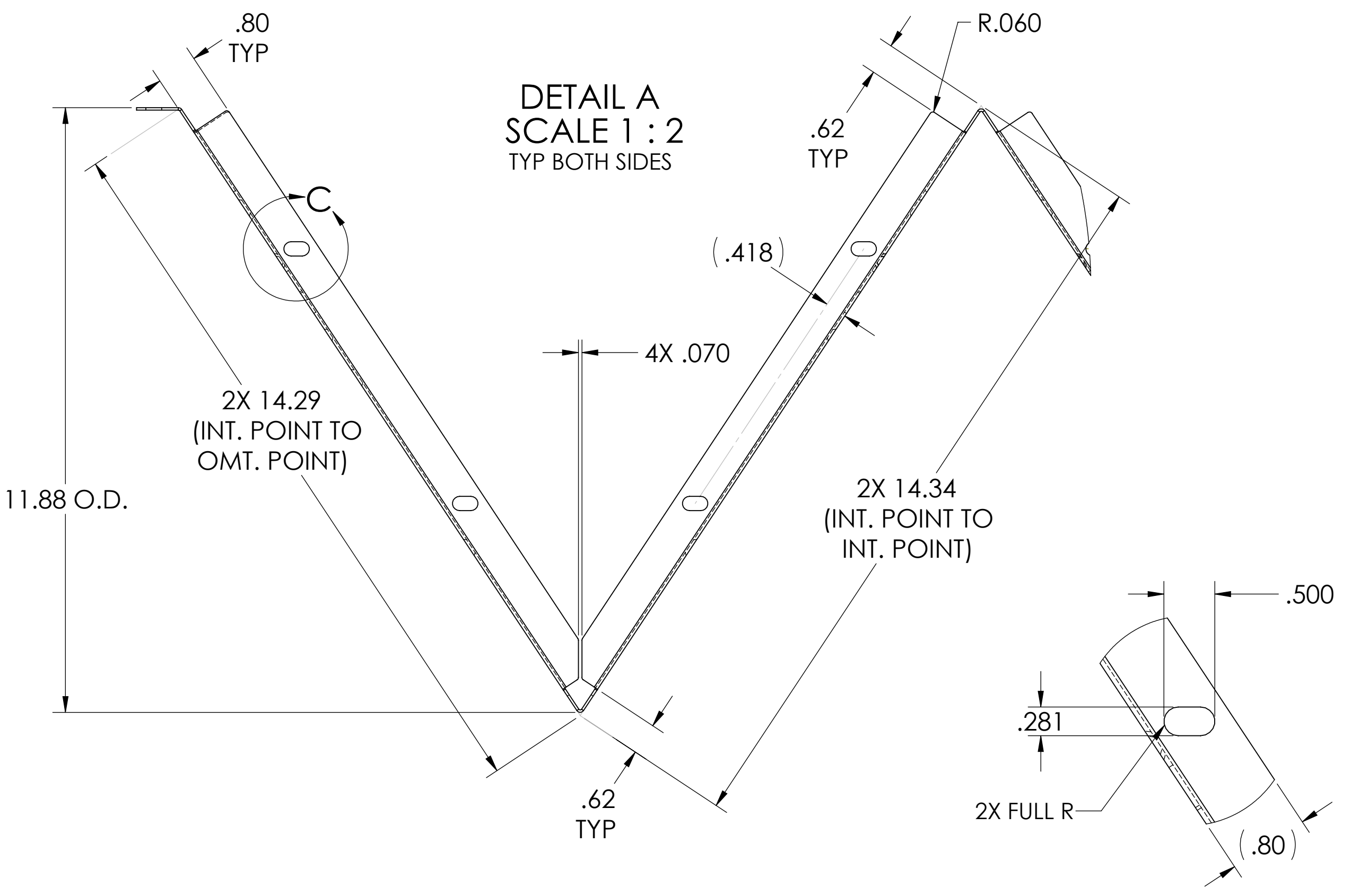
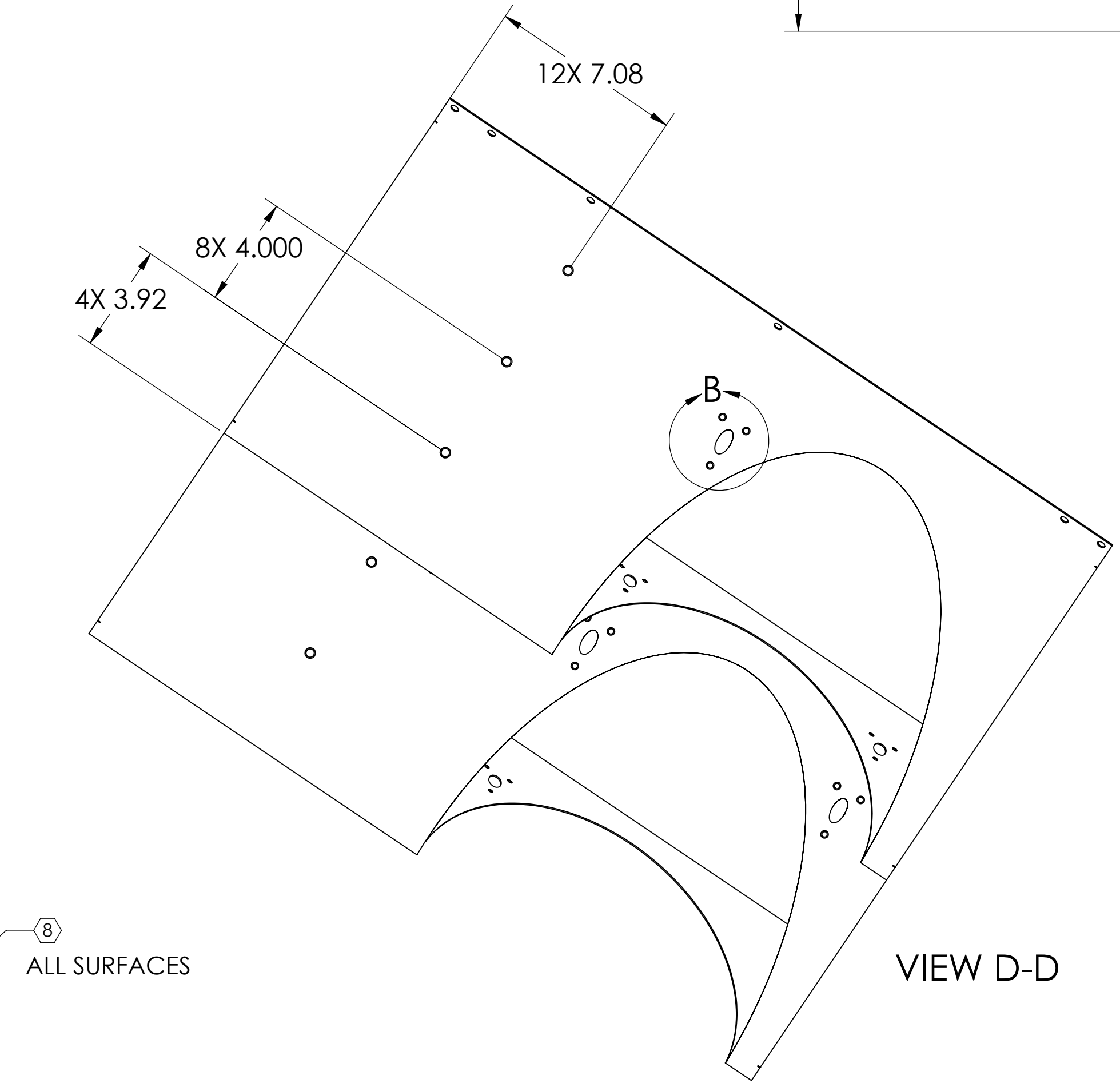
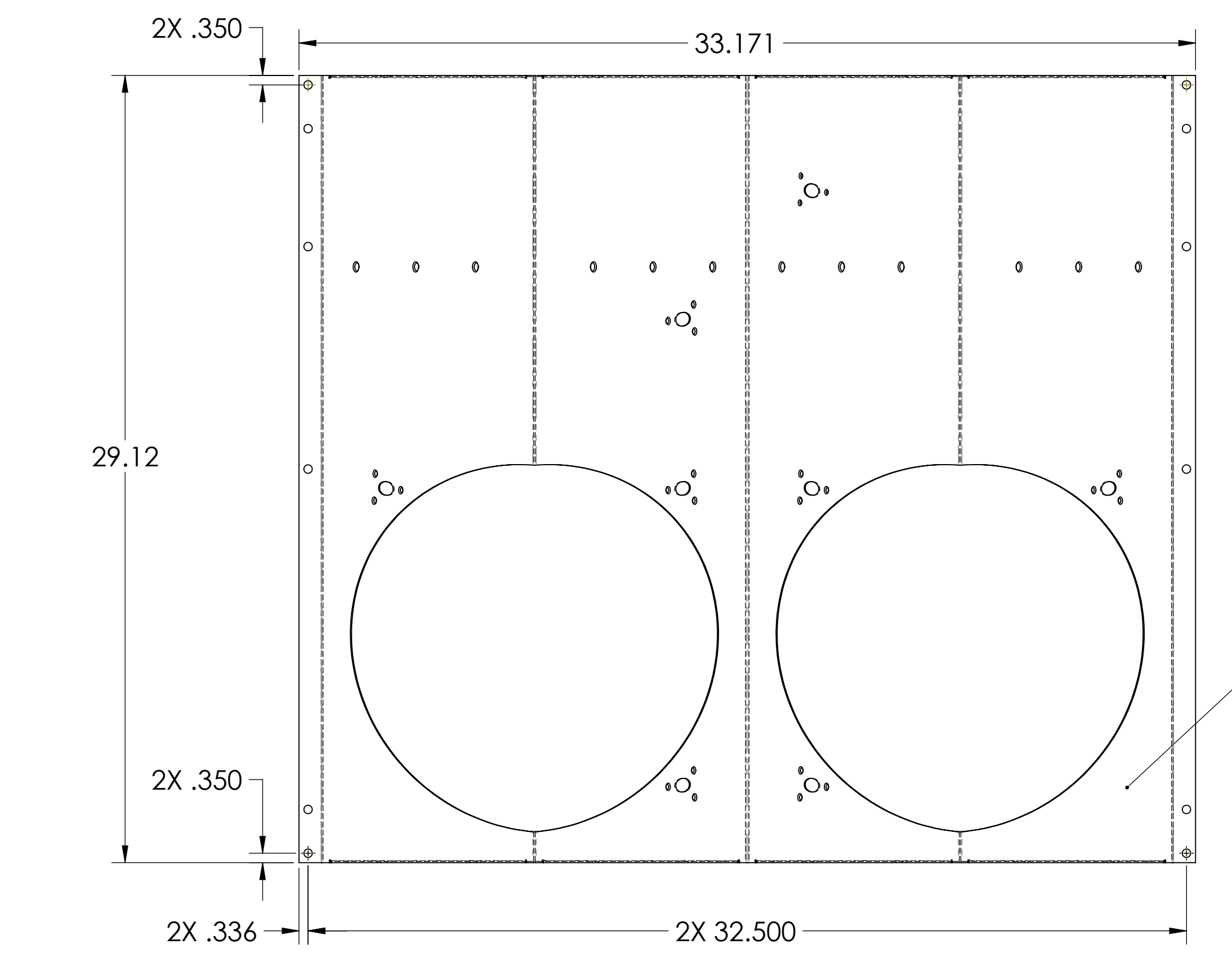
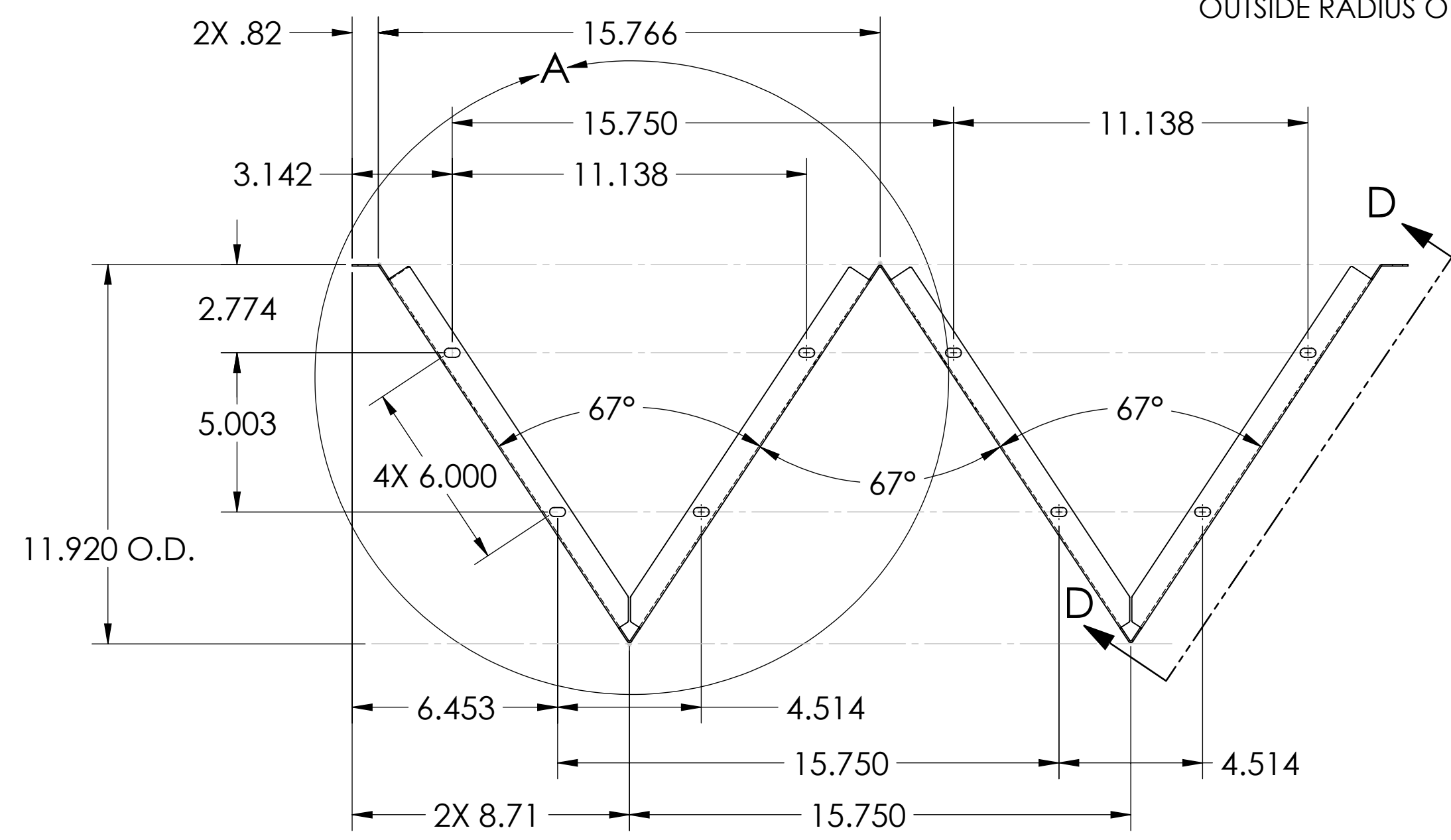
NOTES: UNLESS OTHERWISE SPECIFIED

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.
- MECHANICALLY STAMP (NO INKS OR DYES) PART NUMBER, REVISION AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY. EXAMPLE: D100XXXX=V1 S/N 001

- PART SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
- 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.
- SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
- PART WILL BE PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION. THE INDICATED HOLES & SLOTS WILL BE MASKED PRIOR TO PORCELAIN COATING TO APPROXIMATELY 2.5-3X HOLE & SLOT CENTERED ON BOTH SIDES OF THE HOLE & SLOT.
- DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
- BEND RADIUS: UNLESS OTHERWISE NOTED, THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO FORM WITHOUT CRACKING OR REQUIRING ADDITIONAL WORK WHEN FORMING. IN PARTICULAR IF SHEET METAL IS TO BE PORCELAIN COATED, THE BEND RADIUS SHALL BE MINIMUM OF .12" OUTSIDE RADIUS OF BEND UNLESS OTHERWISE NOTED.

12 SEE CAD FILE # D1000973.SLDPRJT TO GENERATE ELLIPSE CURVES.

REV.	DATE	DCN #	DRAWING TREE #
v1	02 JUL 2010	E1000285	
v2	11 MAR 2011	E1100216	
v3	20 MAY 2011	E1100335	
v4	27 MAY 2011	E1100335	



8 ALL SURFACES

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ± .03
 .XXX ± .015

ANGULAR ± 1.0°

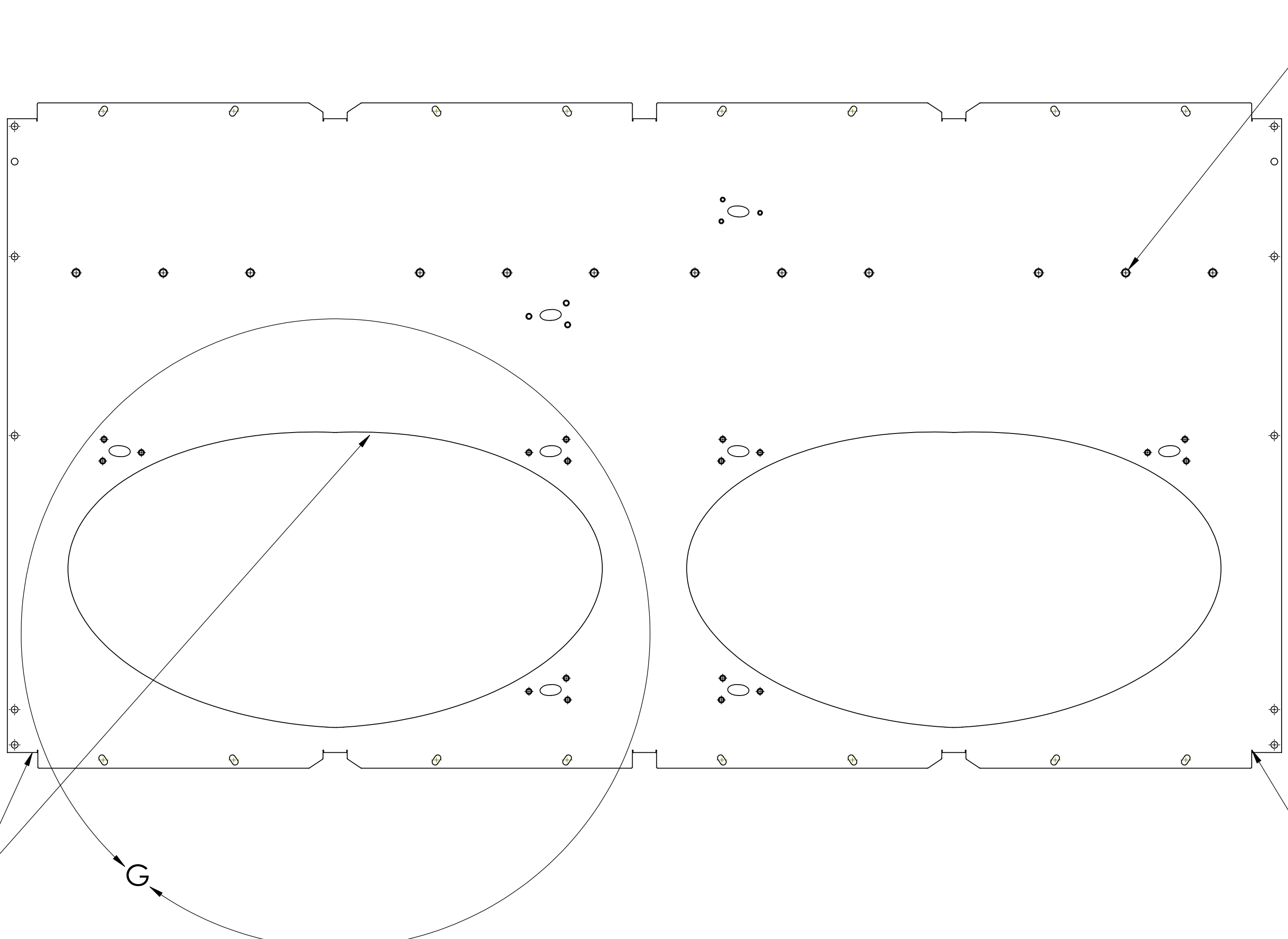
MATERIAL	FINISH
18 GA Enamel Steel A424 Type I	8 9

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	AOS
NEXT ASSY	D1000977

PART NAME				ARM CAVITY BAFFLE SKIN			
DESIGNER	N.Nguyen	20 MAY 2010	SIZE	DWG. NO.	REV.		
DRAFTER	TQ. NGUYEN	27 MAY 2010	D	D1000973	v4		
CHECKER	M. SMITH	10 NOV 2010	SCALE: 1:4	PROJECTION:	SHEET 1 OF 4		
APPROVAL	D. COYNE	20 NOV 2010					

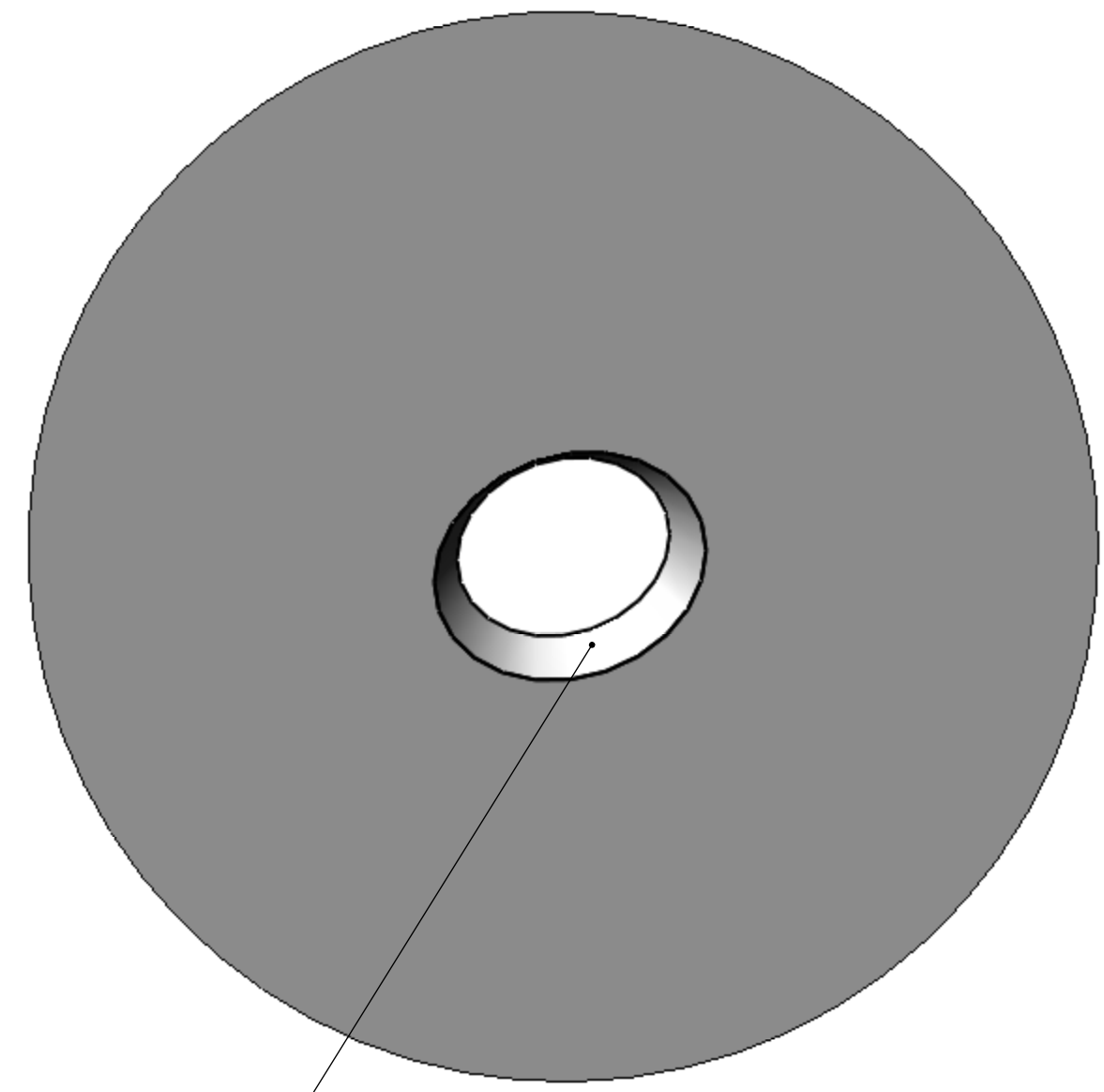
8 7 6 5 4 3 2 1

H G F E D C B A

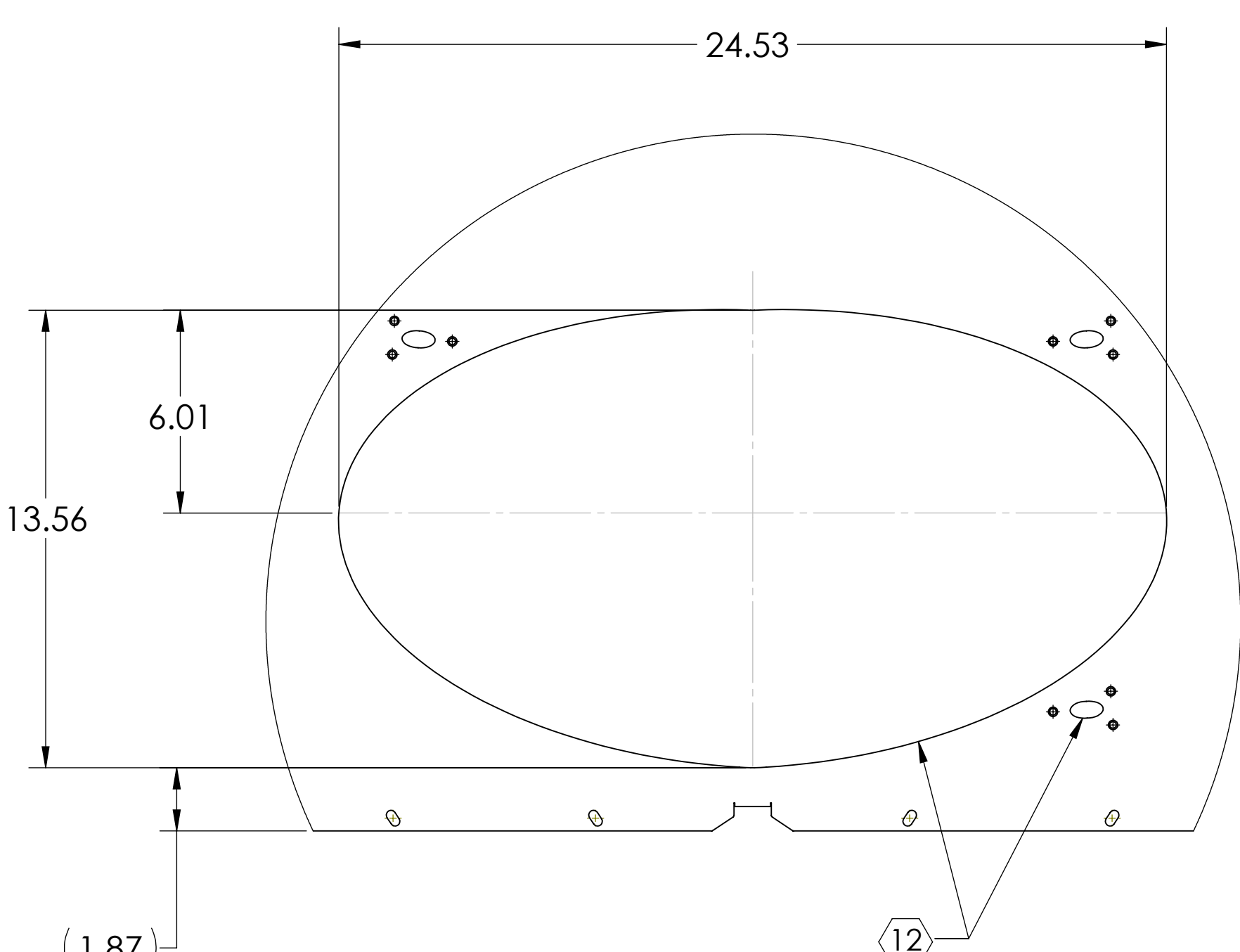


ALL EDGES TO BE SMOOTH AND FREE OF BURRS

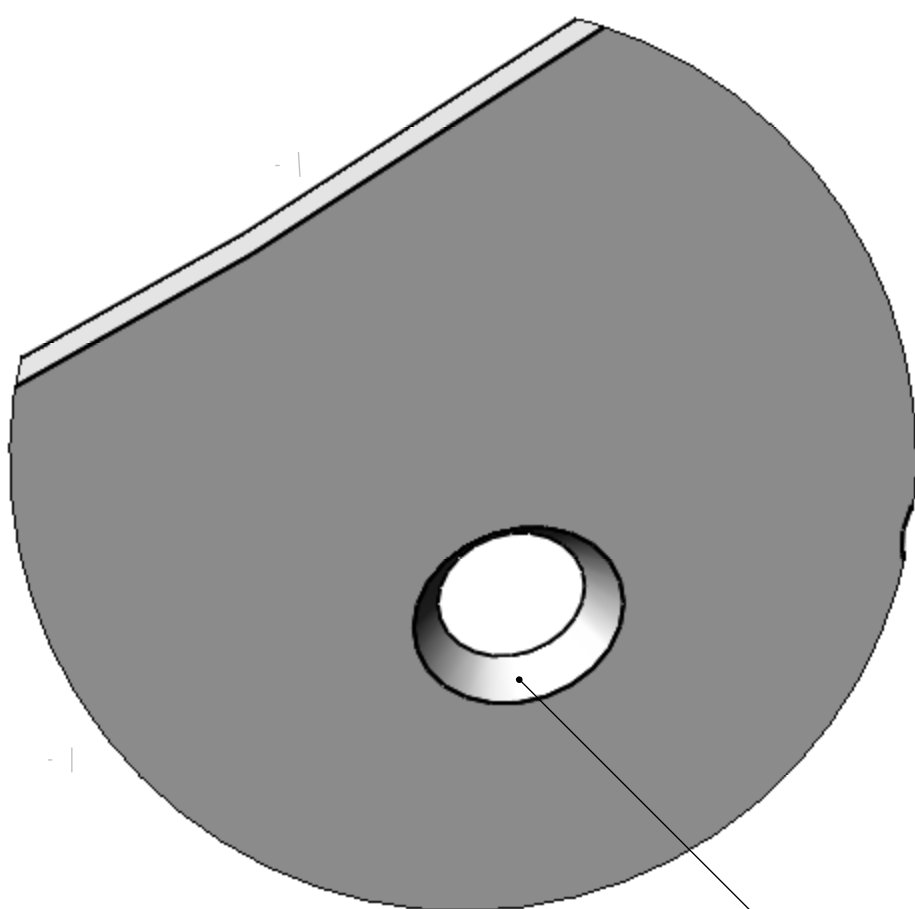
BEND RELIEF OPTIONAL TYP



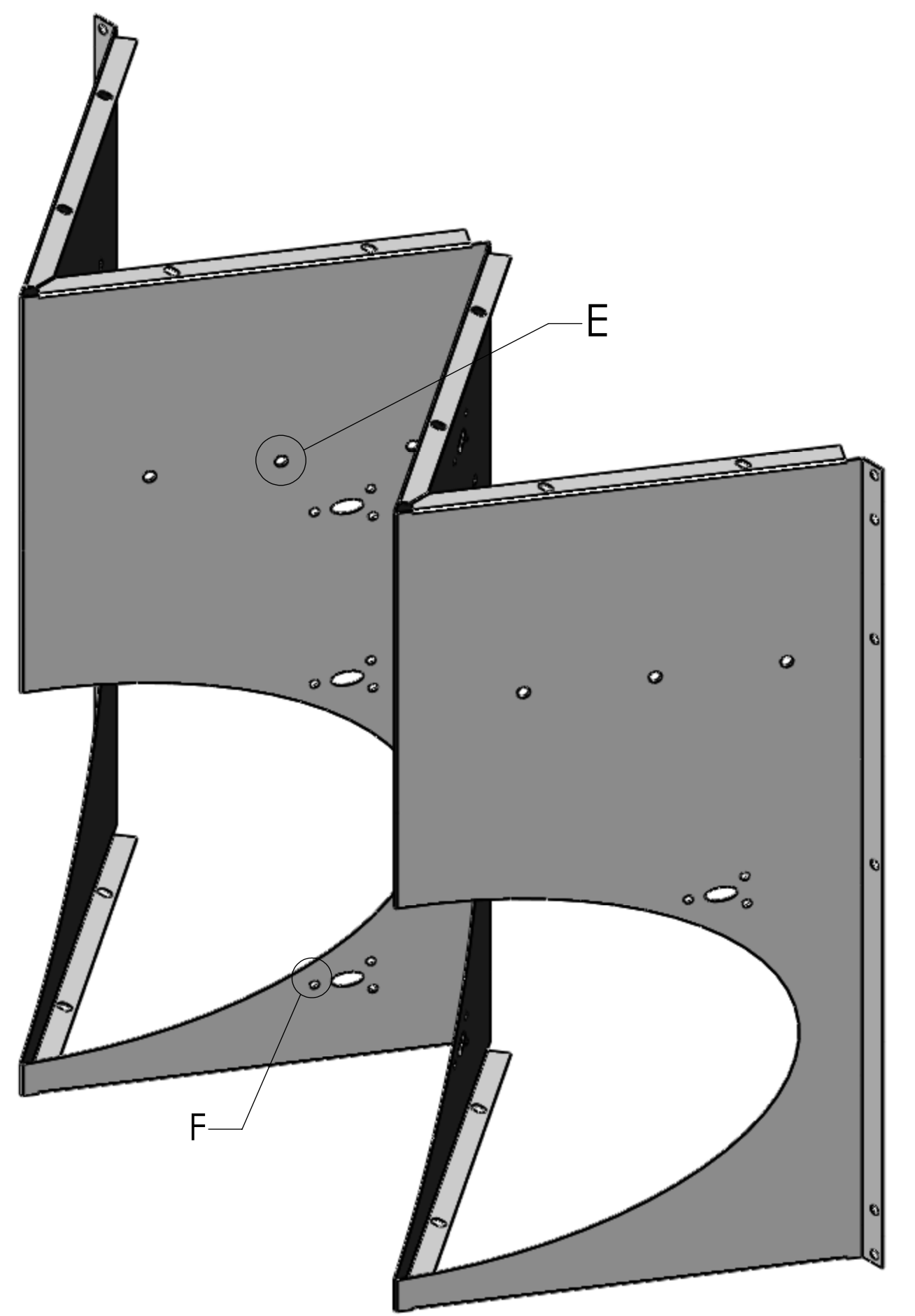
DETAIL E
SCALE 4 : 1



DETAIL G
TYP 2 PLS



DETAIL F
SCALE 4 : 1



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE DWG. NO.	D1000973	v4
SCALE: 1:4	PROJECTION:	SHEET 2 OF 4

D:\000973_Audi\GO_ACS_SLC_ARM_Cavity\Bottle_Sign_PART_PDM_REV.X-001_DRAWING_PDM_REV.X-002

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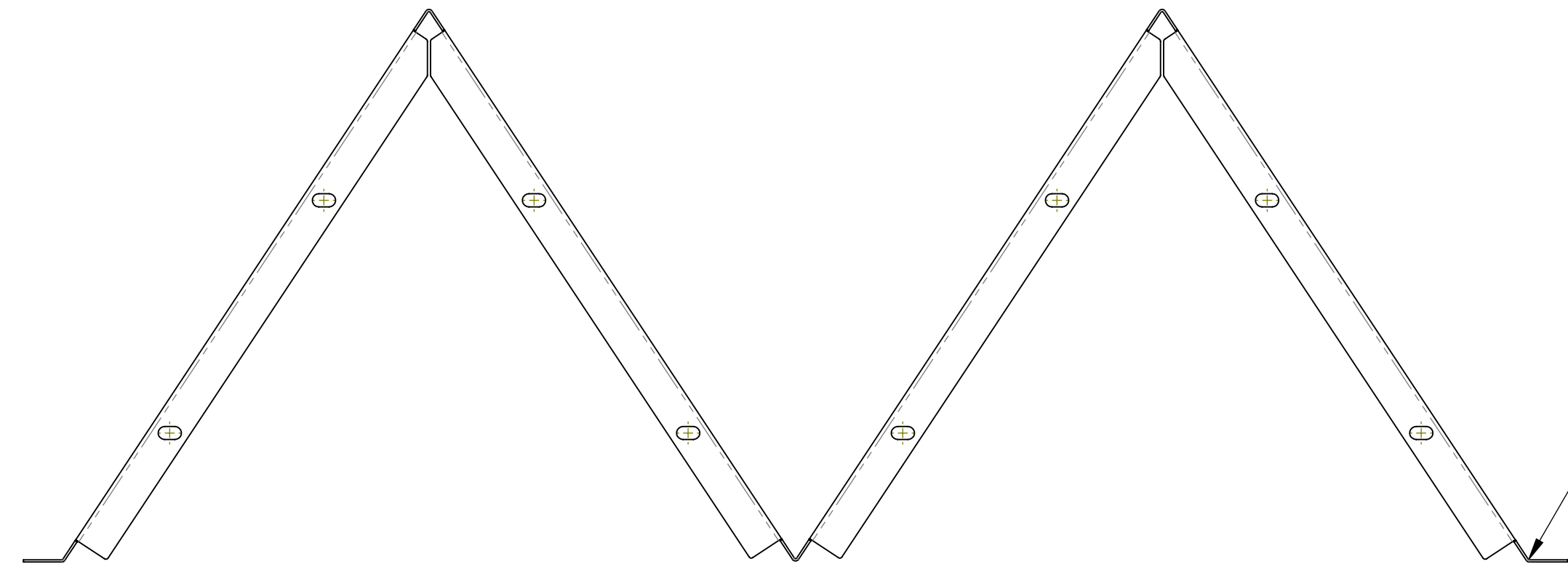
E

D

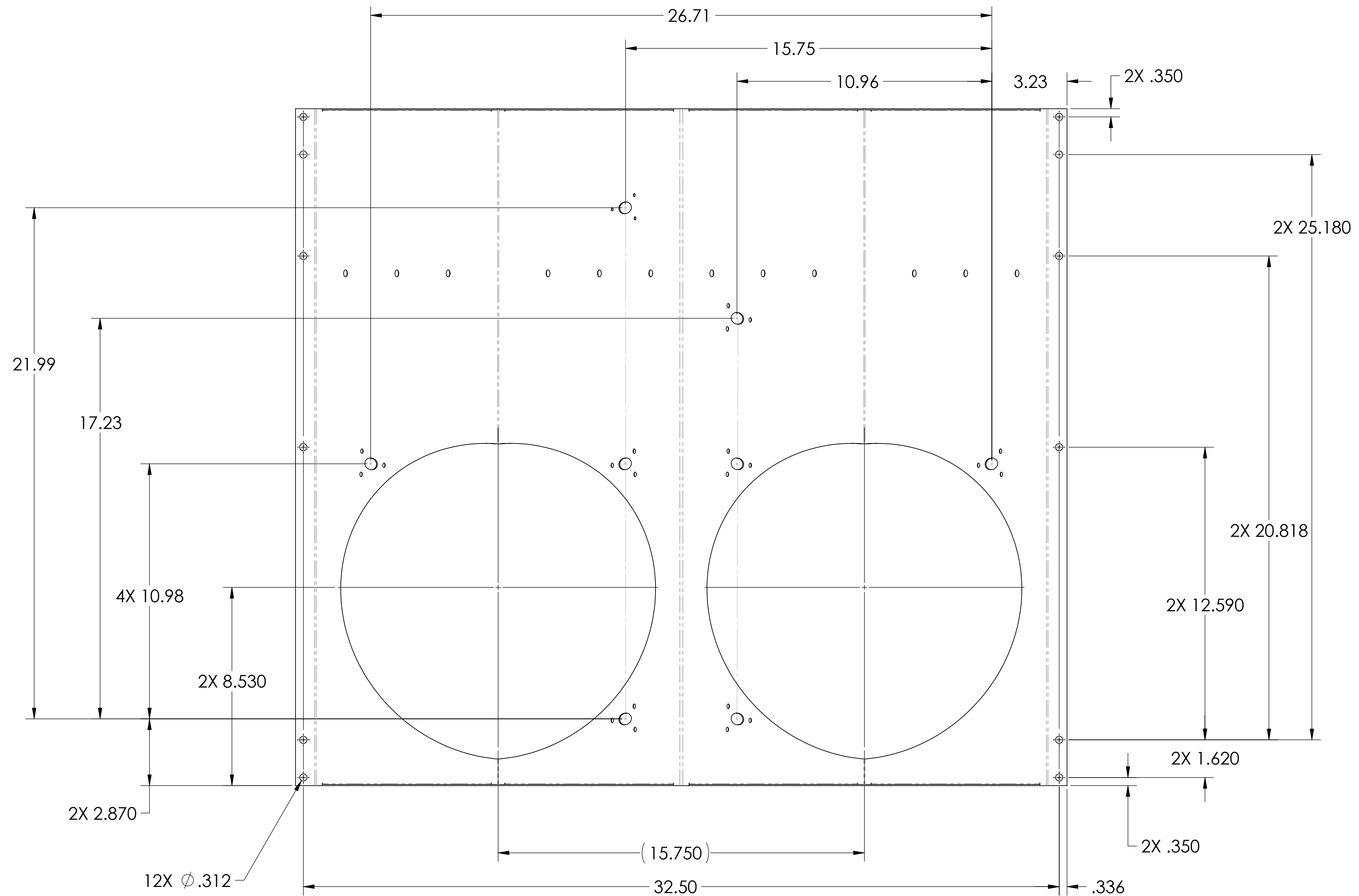
C

B

A



TYP R.031 MIN



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE DWG. NO.	D1000973	v4
SCALE: 1:4	PROJECTION:	SHEET 3 OF 4

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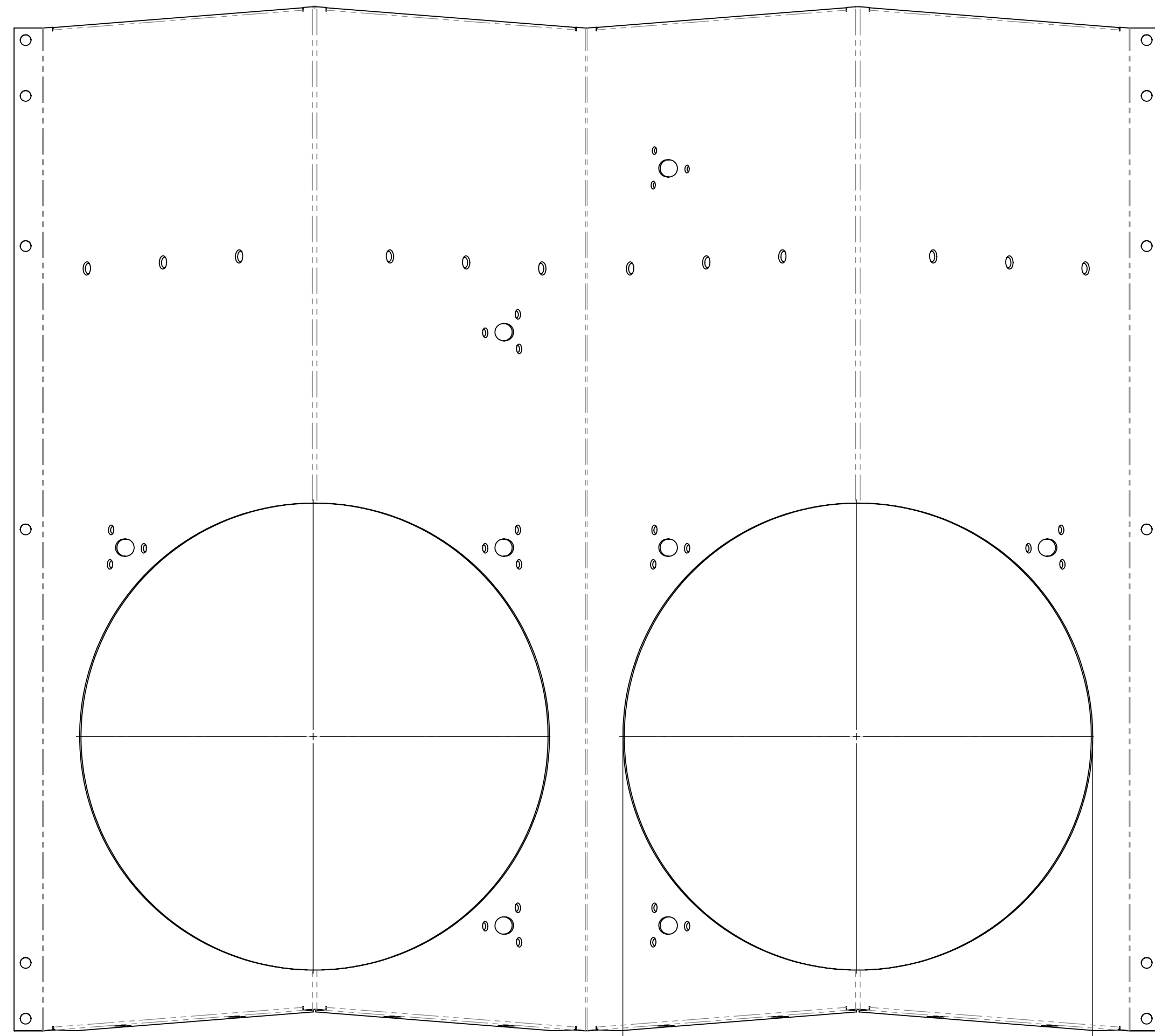
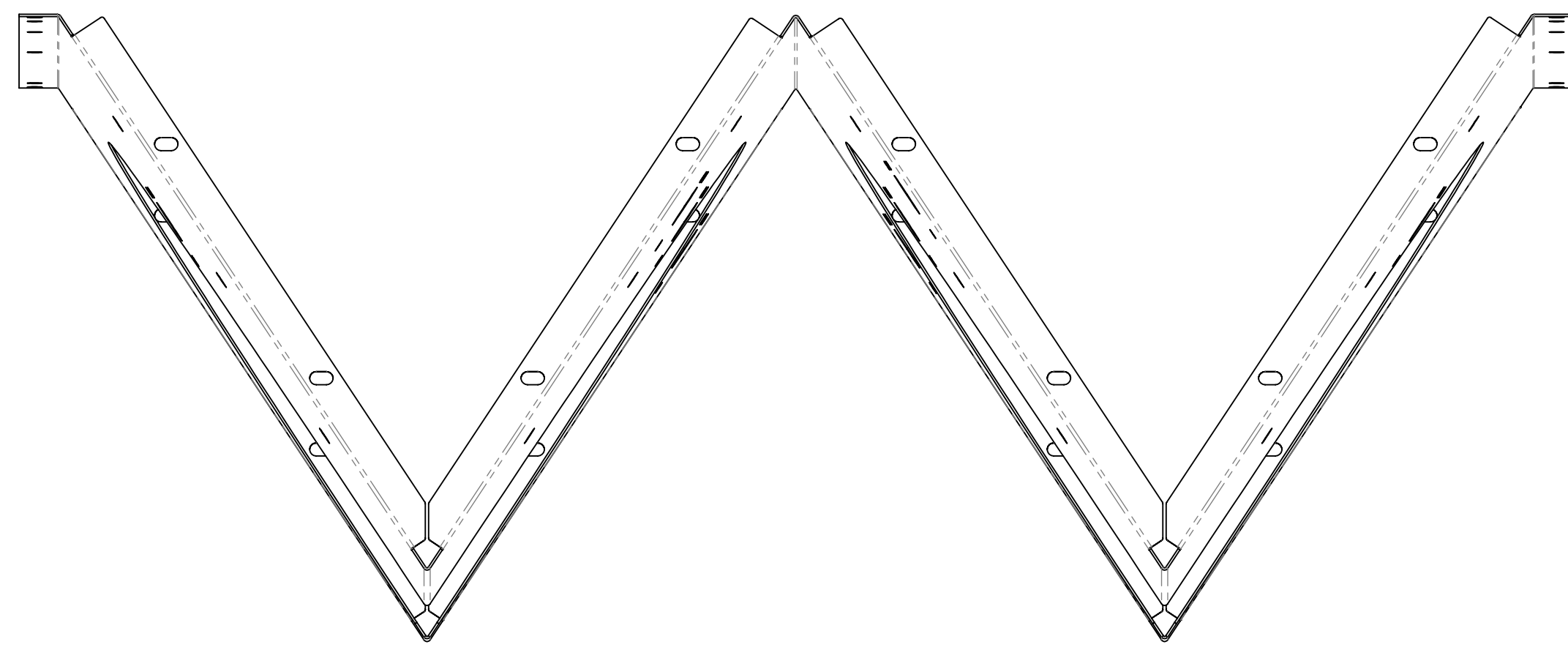
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2

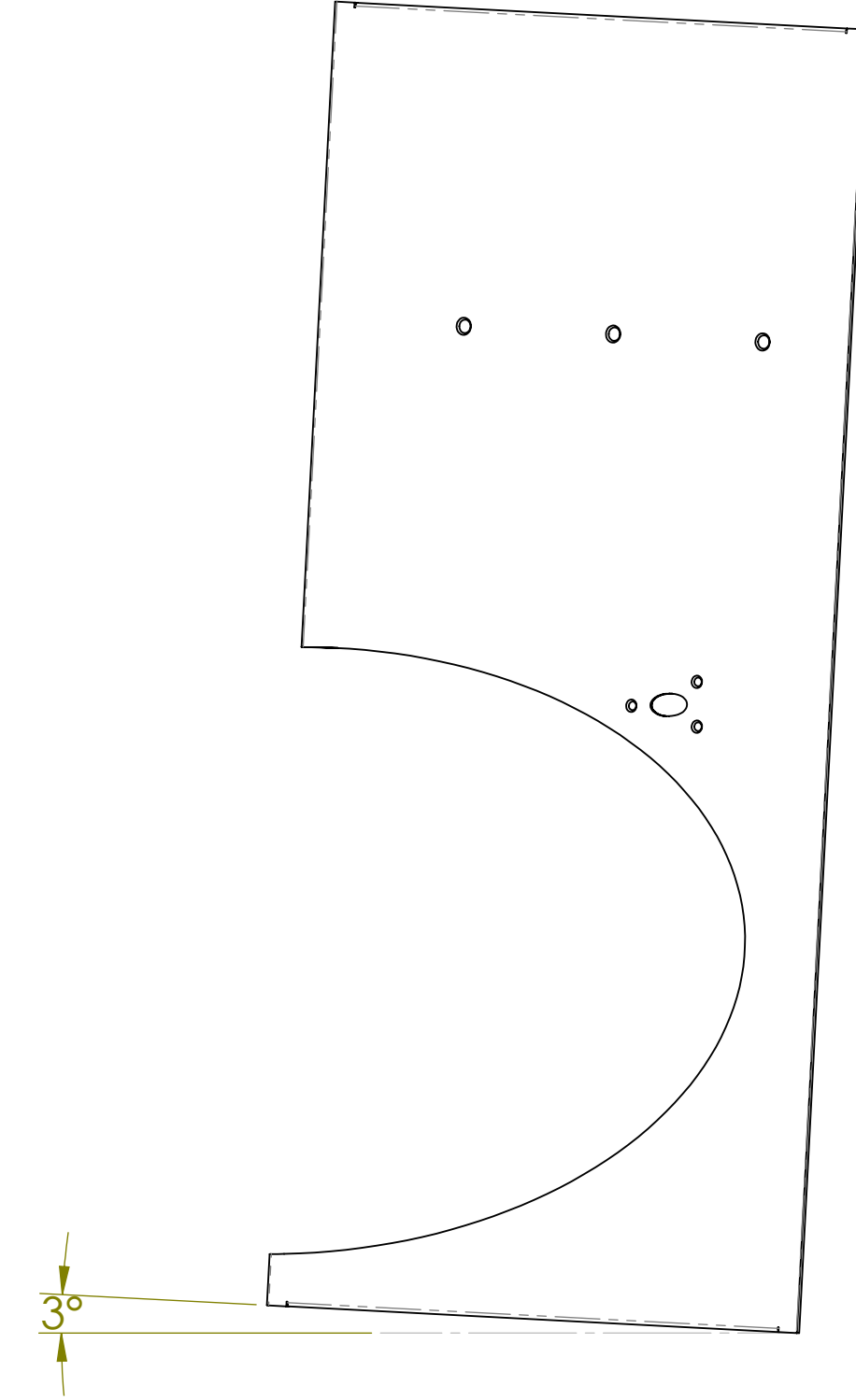
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D:\000973_Adu\GO_ACS_SLC_ARM_Cavity_Baffle_Sign_PART_FDM_REV.X-001_DRAWING_FDM_REV.X-002

D:\00973_AduIGO_ACS_SLC_ARM_Covily_Bottle_Sign_PART_PDM_REV.X-001_DRAWING_PDM_REV.X-002



3° TILT



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	REV.
D	D1000973	v4
SCALE: 1:4	PROJECTION:	SHEET 4 OF 4