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 VARIENT 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: DXXXXXXX-VY, TYPE-XX, S/N XXX
DO NOT APPLY MARK ON SUPER #8 SIDE

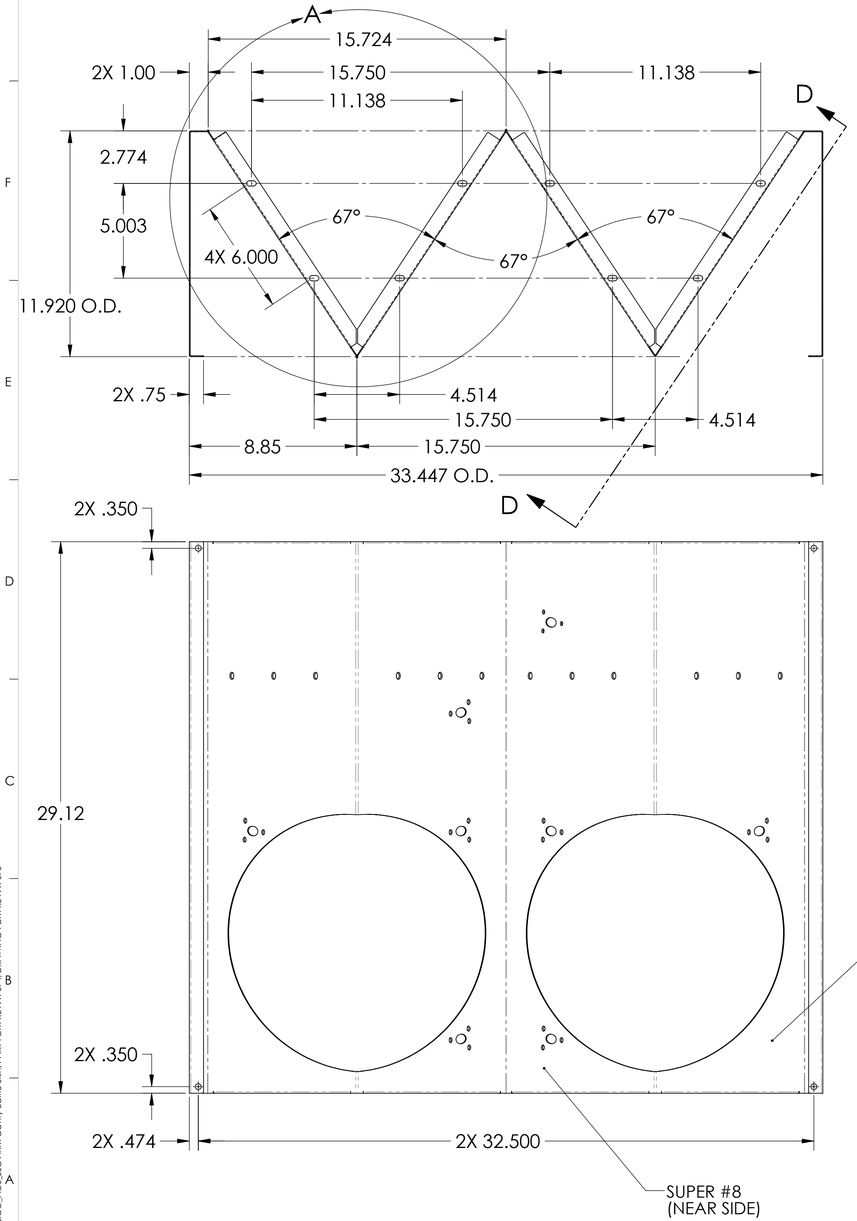
6. PART SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESSS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.

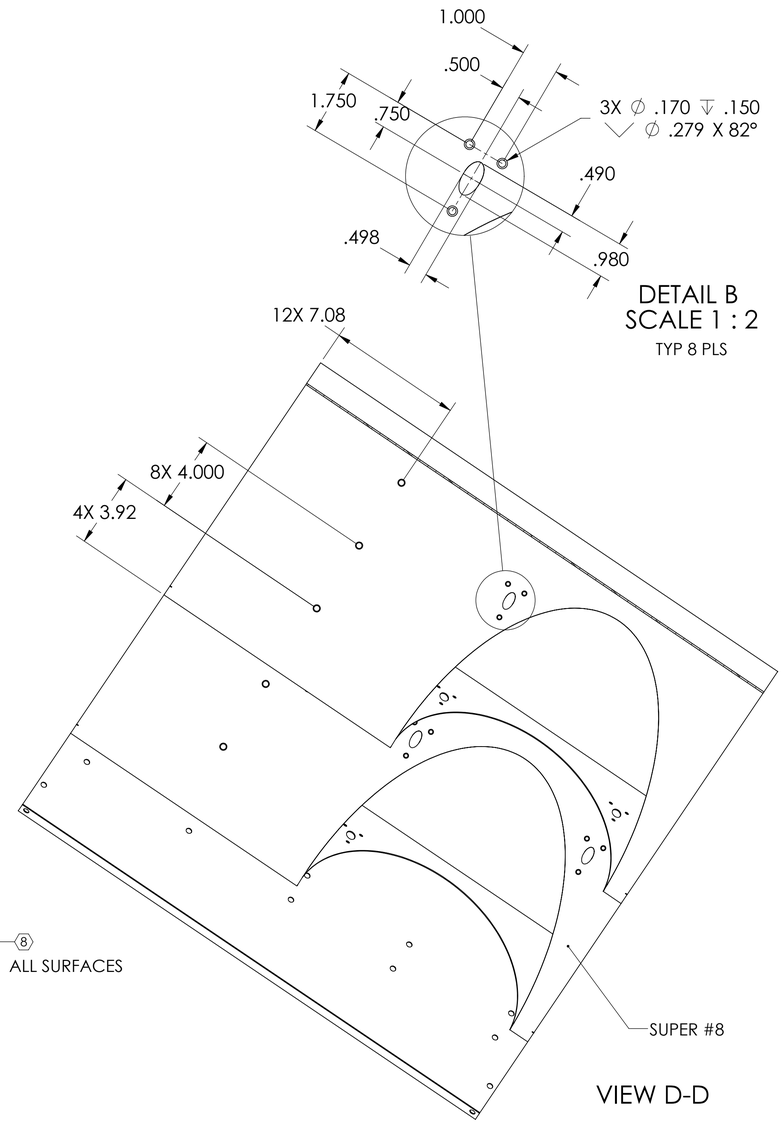
⟨8⟩ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

⟨12⟩ SEE CAD FILE # D1000973.SLDPRT TO GENERATE ELLIPSE CURVES.

DELETED NOTES 9, 10, 11 AND 13

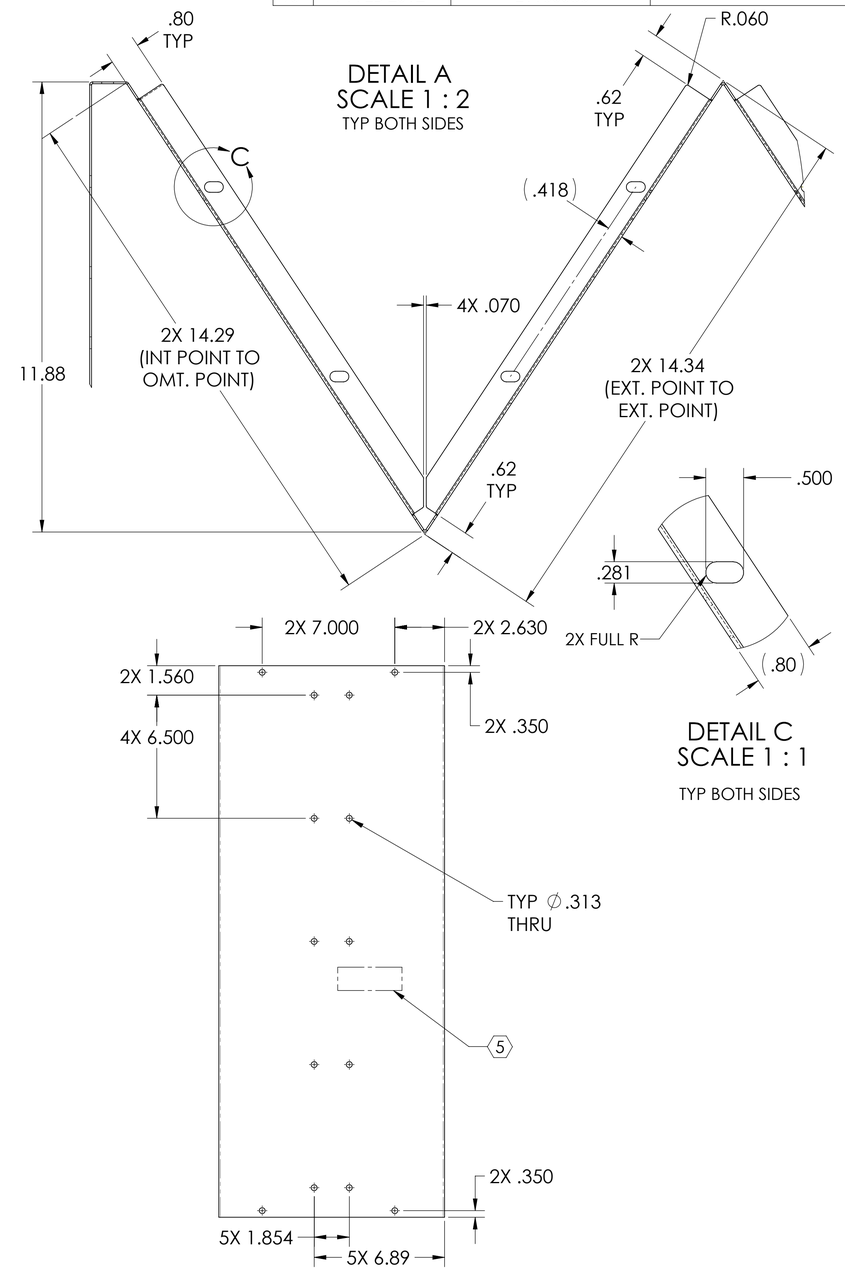
REV.	DATE	DCN #	DRAWING TREE #
v1	02 JUL 2010	E1000285	
v2	11 MAR 2011	E1100216	
v3	20 MAY 2011	E1100335	
v4	27 MAY 2011	E1100335	
v5	25 JUN 2011	E1100335	
v6	07 SEPT 2011	E1100335	
v7	13 Oct. 2011	E1100335	
v8	14 FEB 2012	E1100335	





DETAIL B
SCALE 1 : 2
TYP 8 PLS

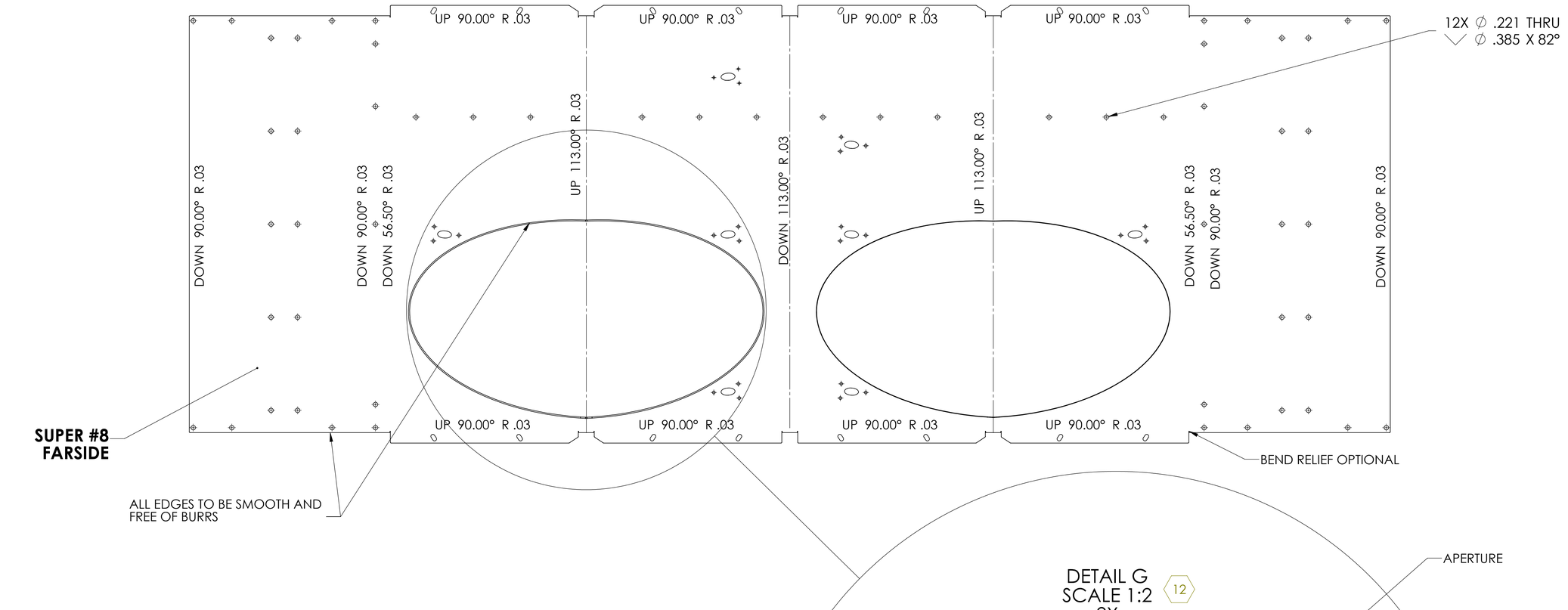
VIEW D-D

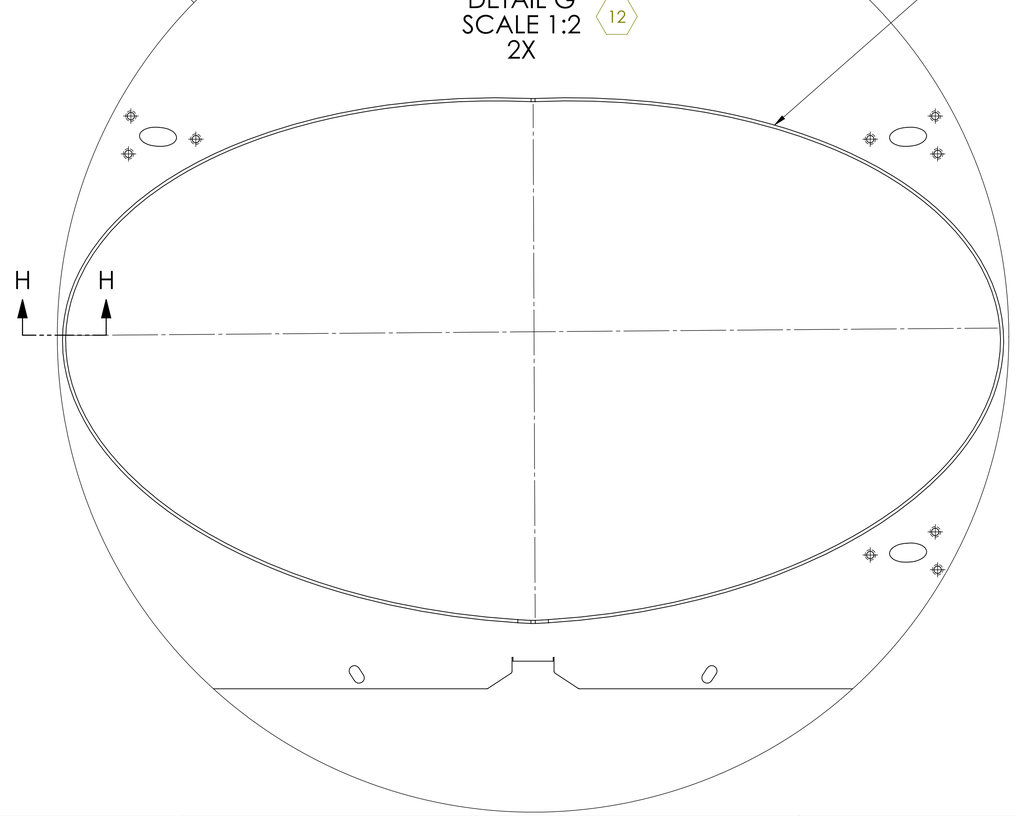


DETAIL A
SCALE 1 : 2
TYP BOTH SIDES

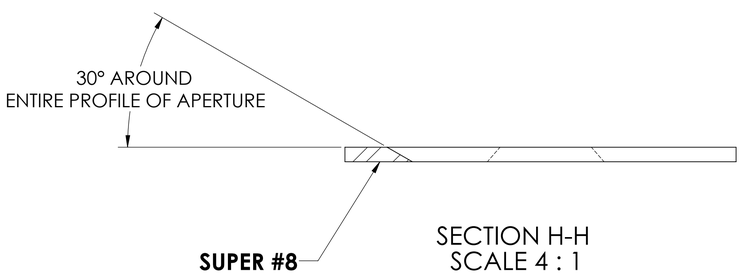
DETAIL C
SCALE 1 : 1
TYP BOTH SIDES

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)									
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .015 ANGULAR ± 1.0°	SEE TOP LEFT FOR NOTES			CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME: ARM CAVITY BAFFLE SKIN			
				SYSTEM: ADVANCED LIGO	SUB-SYSTEM: AOS	DESIGNER	N.Nguyen	20 May 2010	SIZE: D
	MATERIAL: 18 GAUGE, 304 SSTL	FINISH: SUPER #8 ⟨8⟩		NEXT ASSY: D1000977		DRAFTER	TQ. NGUYEN	27 MAY 2010	DWG. NO.: D1000973
						CHECKER	M. SMITH	10 NOV 2010	REV.: v8
						APPROVAL	D. COYNE	20 NOV 2010	SCALE: 1:4
									PROJECTION:
									SHEET 1 OF 3





DETAIL G
SCALE 1:2
2X



SECTION H-H
SCALE 4 : 1
2X

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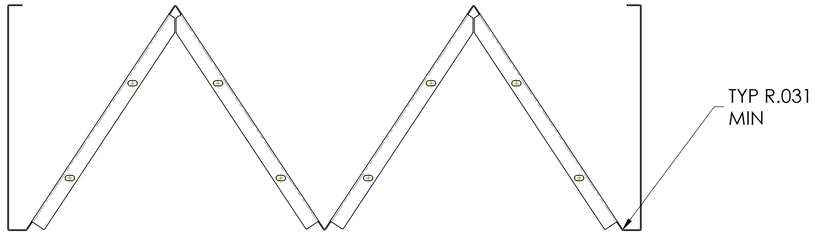
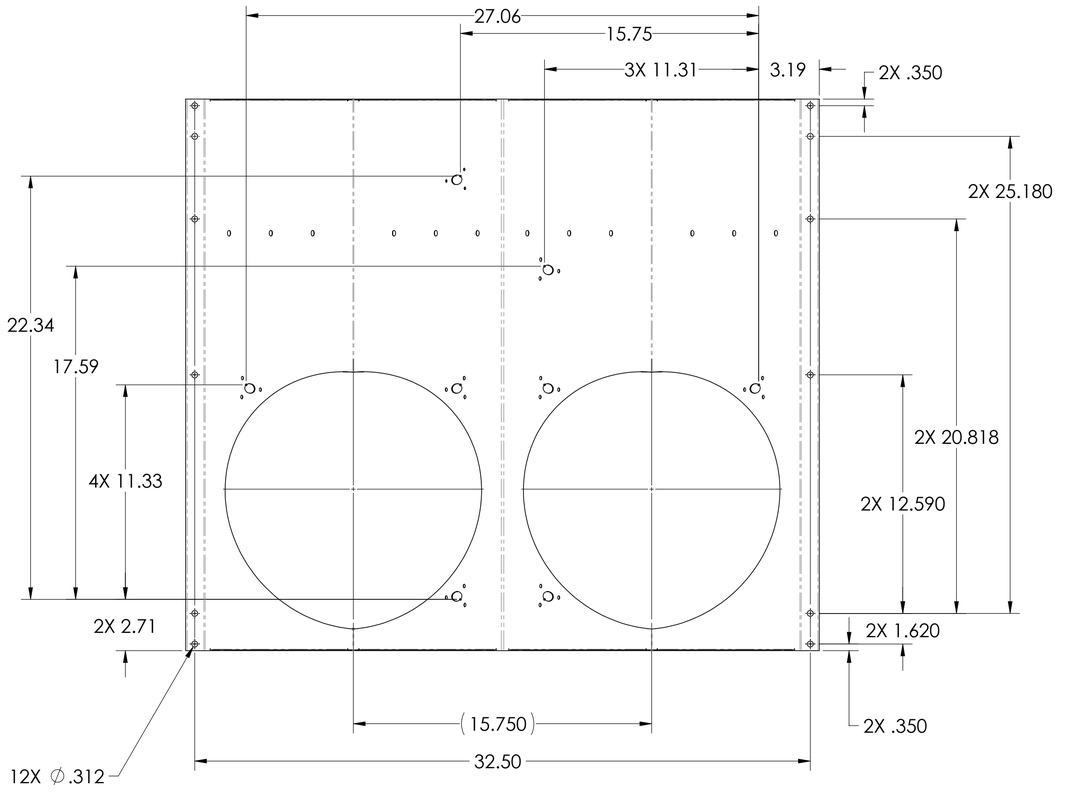
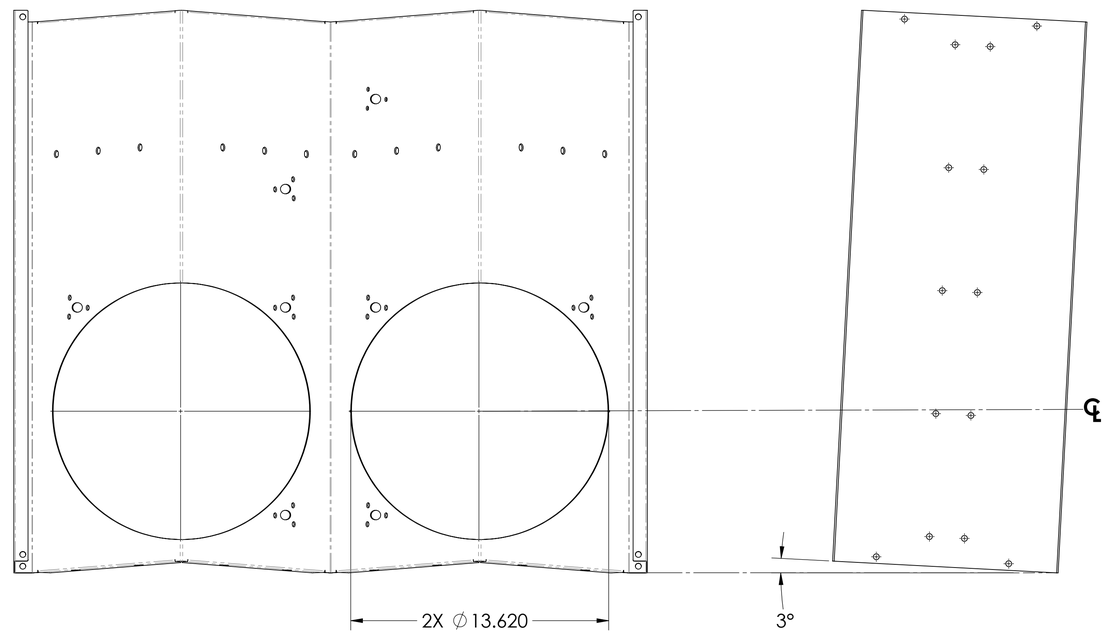
SIZE	DWG. NO.	REV.
D	D1000973	v8

SCALE: 1:4 | PROJECTION: | SHEET 2 OF 3







3° TILT

LIGO	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE D	DWG. NO. D1000973		REV. v8
SCALE: 1:4	PROJECTION:		SHEET 3 OF 3