REV.	DATE	DCN #	DRAWING TREE #
v1	16 FEB 2012	E1100355	

NOTES: UNLESS OTHERWISE SPECIFIED

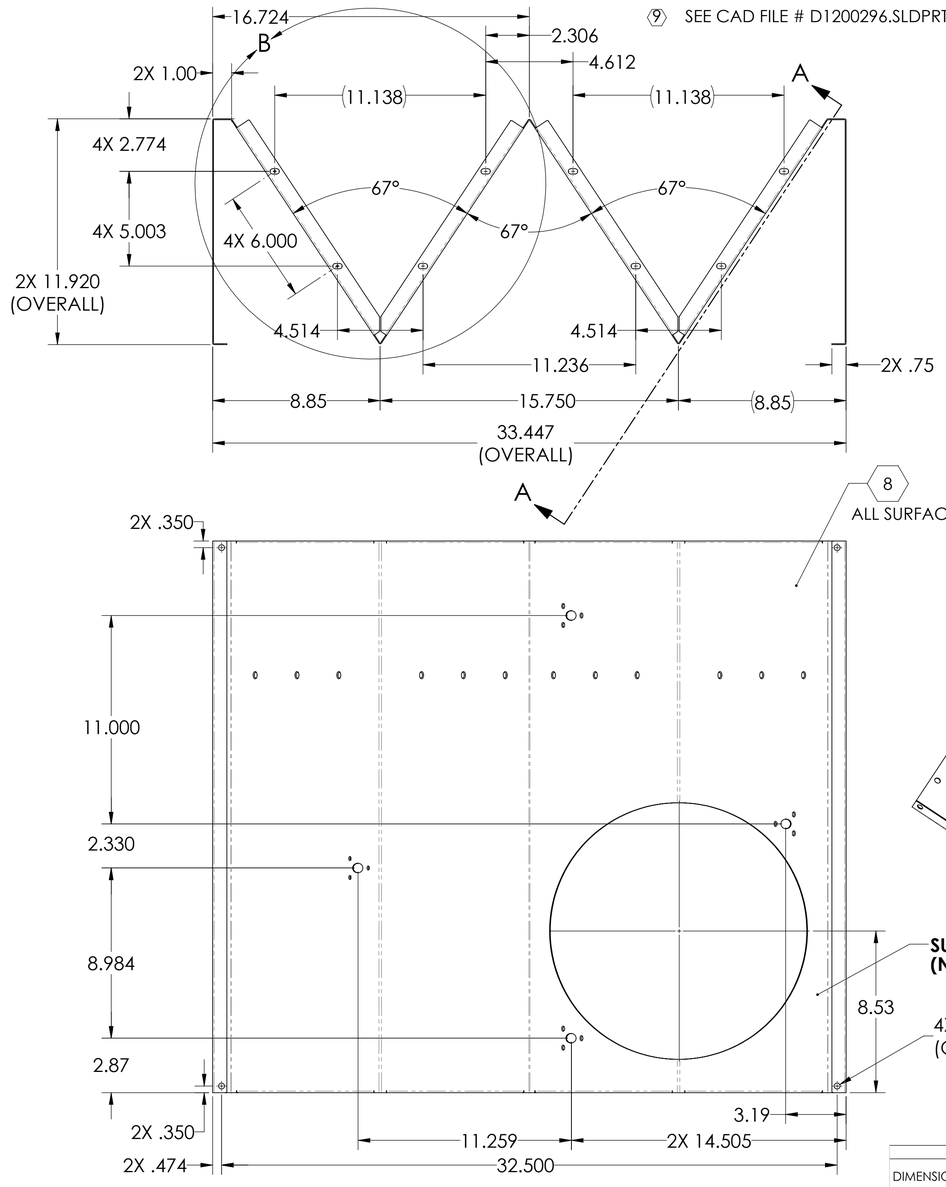
1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES .005-.015 ON ALL EDGES AND HOLES
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.

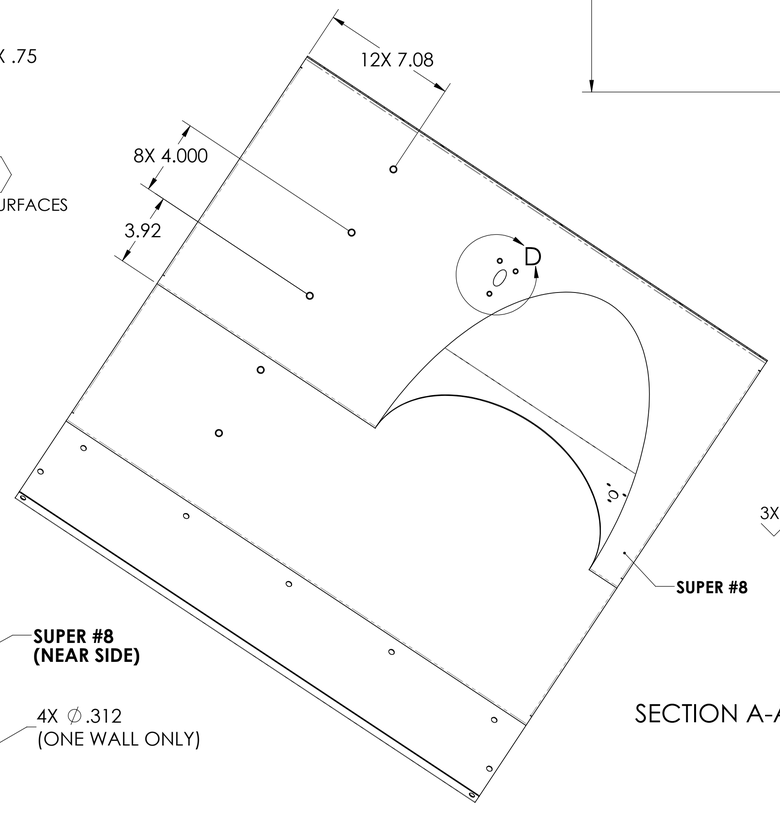
⟨5⟩ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIENT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. 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. 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) UNLESSS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.

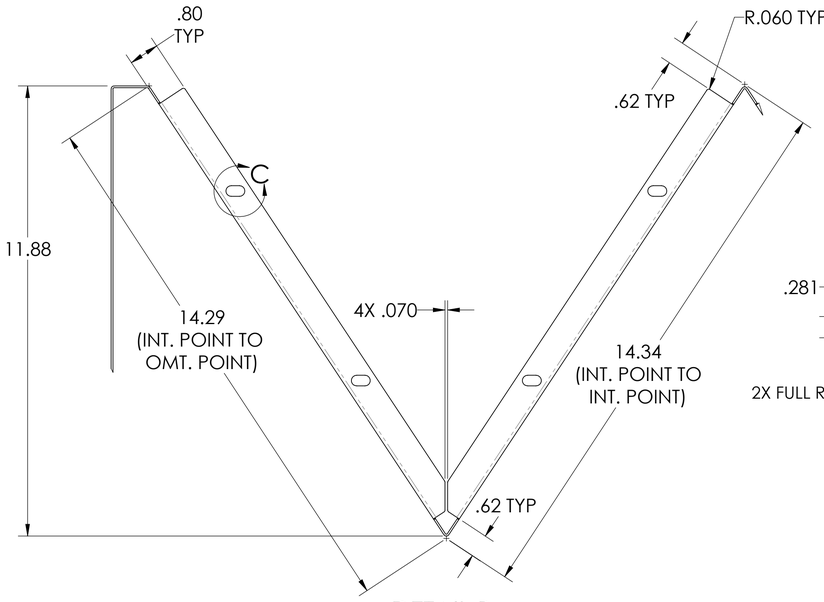
⟨8⟩. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

⟨9⟩ SEE CAD FILE # D1200296.SLDPRT TO GENERATE ELLIPSE CURVES.

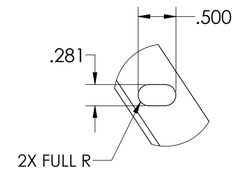




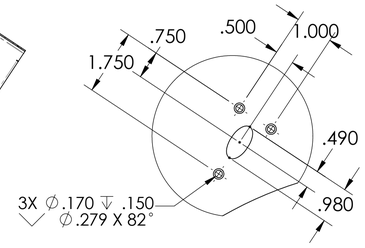
SECTION A-A



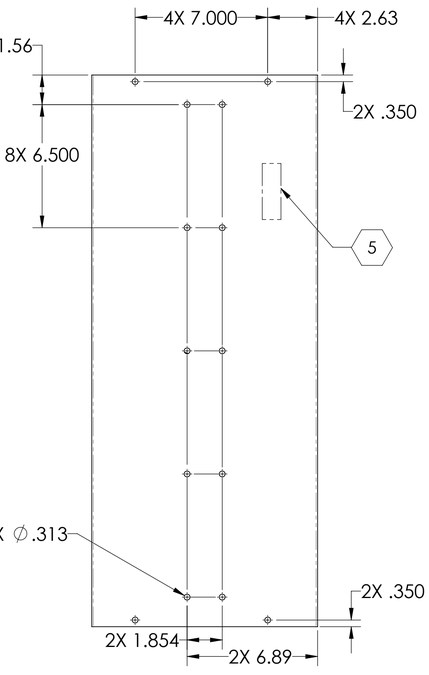
DETAIL B
SCALE 1 : 2



DETAIL C
SCALE 1 : 1
TYP BOTH SIDES

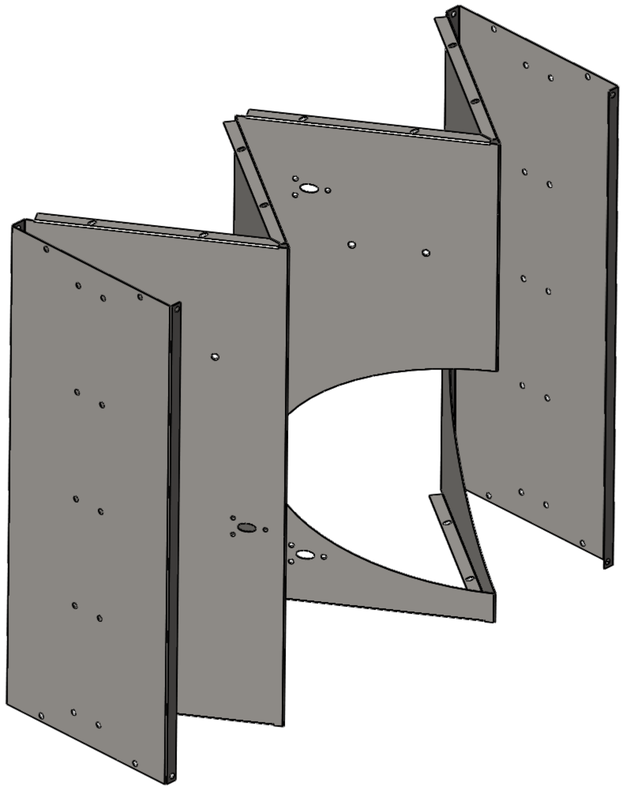


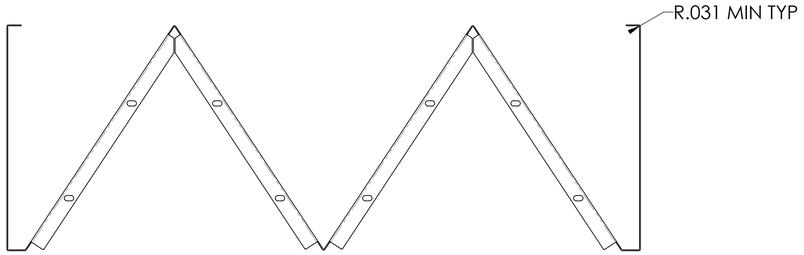
DETAIL D
SCALE 1 : 2

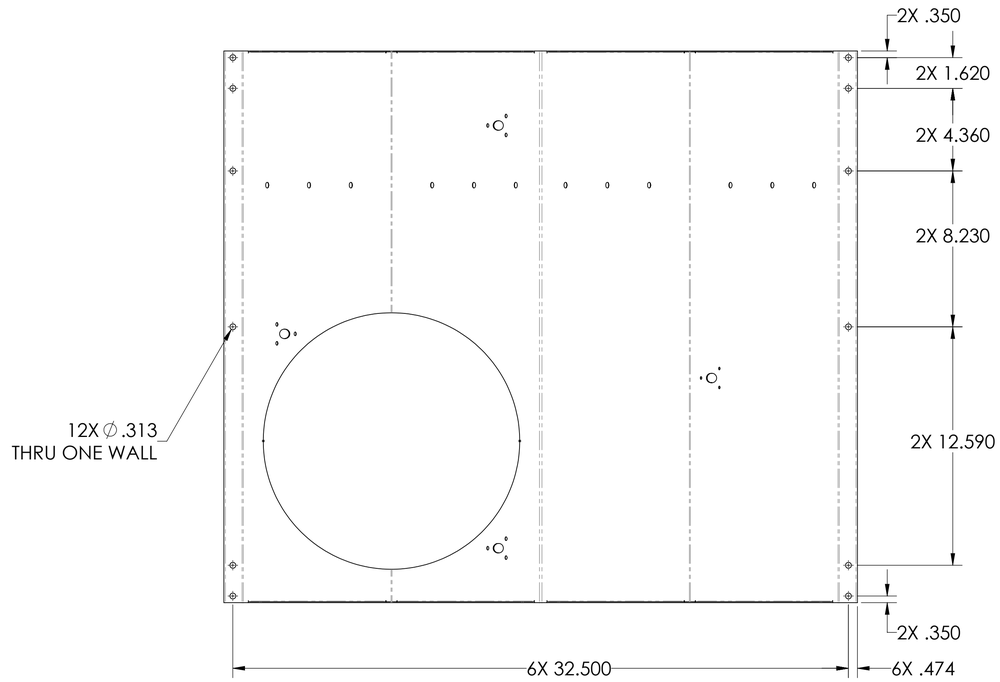


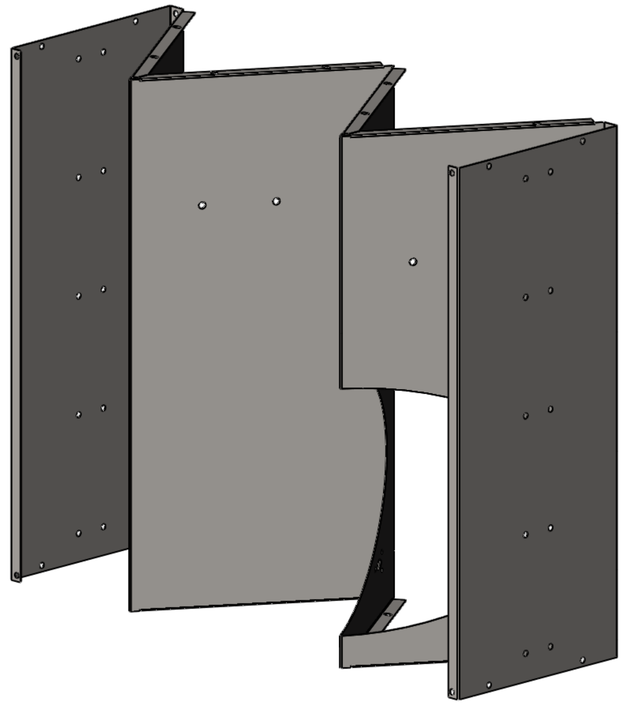
	NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± 1.0°	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME: ACB 1 HOLE RIGHT QPD SKIN (with PD)
	MATERIAL: 18 GAUGE, 304 SSTL	FINISH: SUPER #8	SYSTEM: ADVANCED LIGO	SUB-SYSTEM: AOS	DESIGNER: 20 Dec 2010 · DRAFTER: M.RUIZ 16 FEB 2012 · CHECKER · APPROVAL
			NEXT ASSY: D1200309		SIZE: D · DWG. NO.: D1200296 · REV.: v1 · SCALE: 1:4 · PROJECTION: · SHEET 1 OF 3

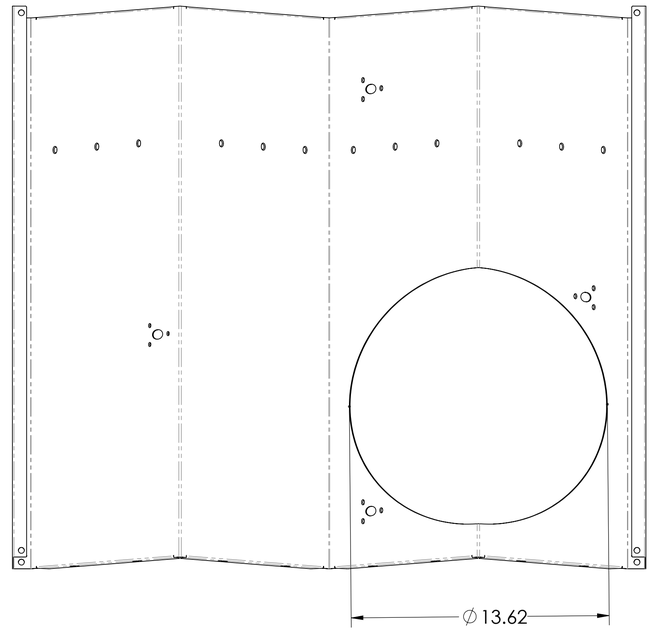
D1200296_AdLIGO_AOS_SLC ARM Cavity Baffle 1 hole Skin (with PD), PART PDM REV: X-023, DRAWING PDM REV: X-004





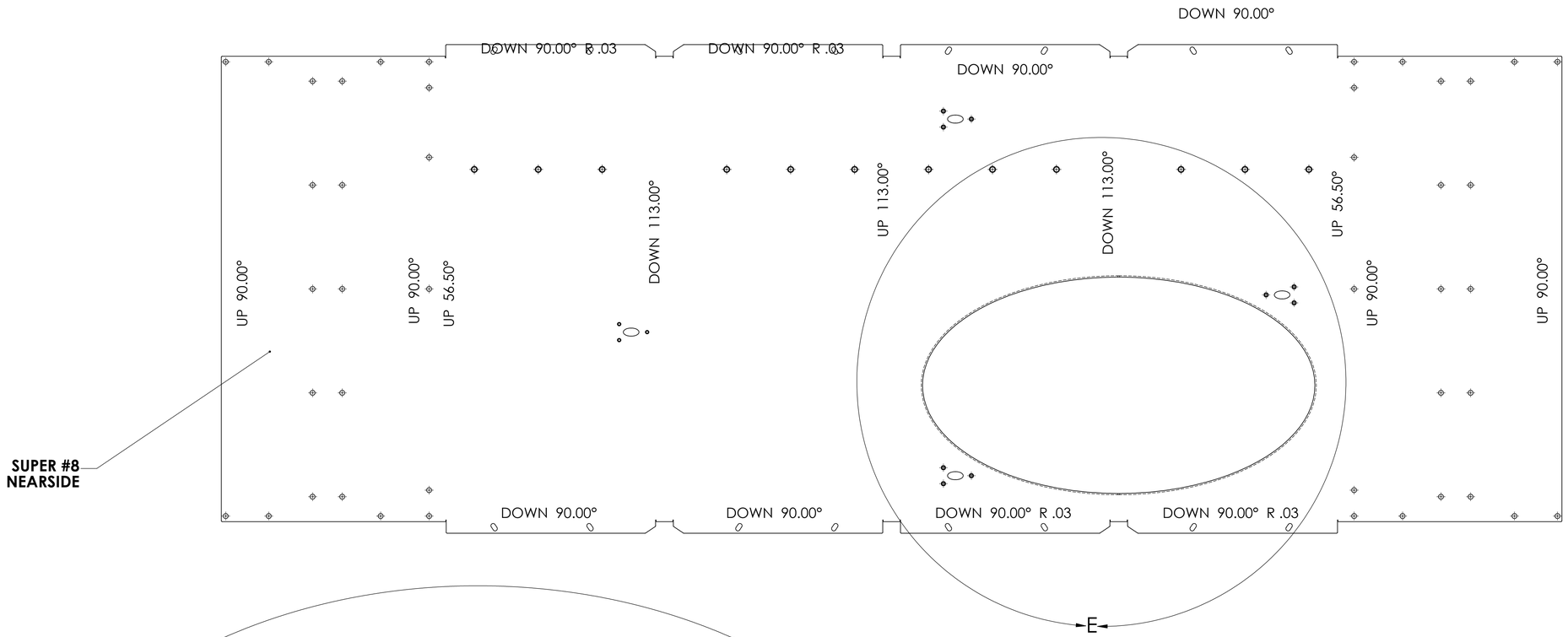


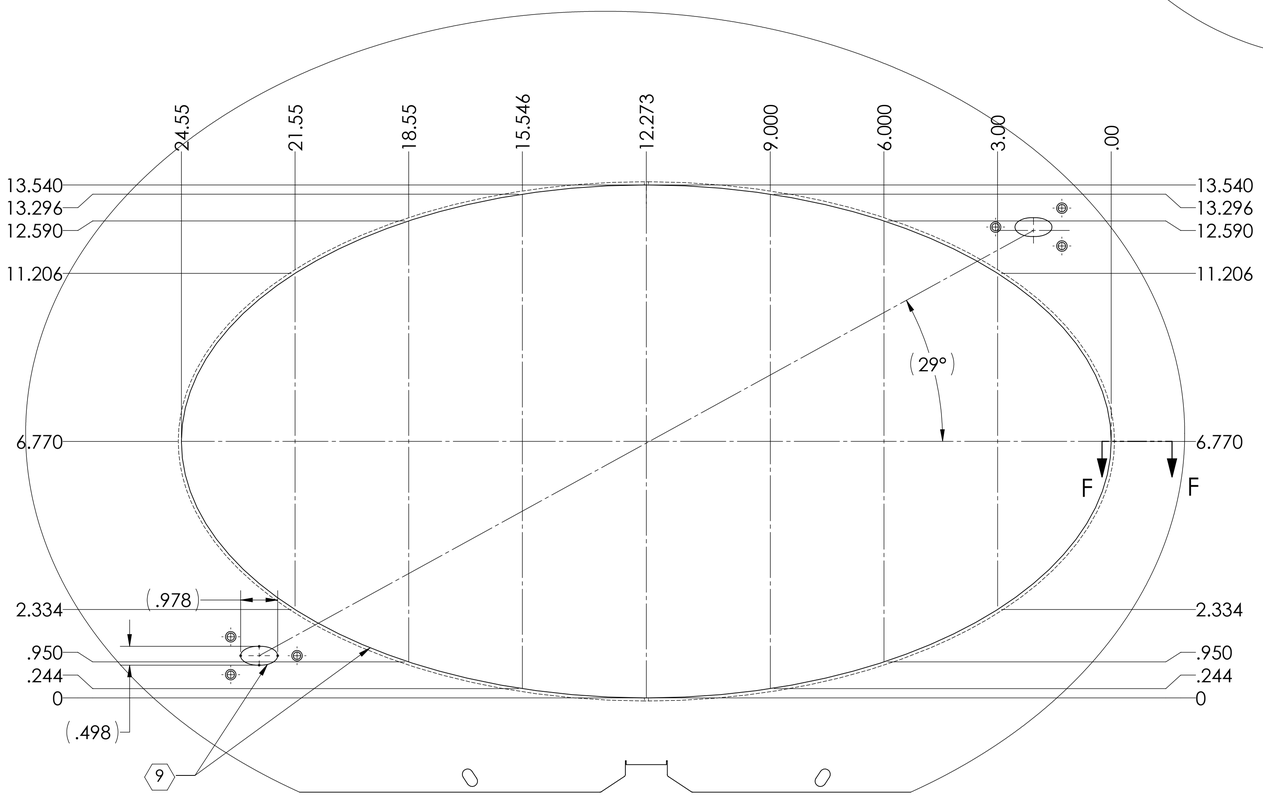




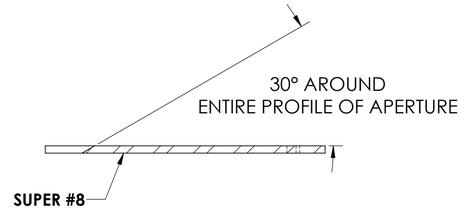
D1200296_AdLIGO_AOS_SLC ARM Cavity Baffle 1 hole Skin (with PD)_PART.PDM REV= X-023, DRAWING.PDM REV= X-004

LIGO	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE D	DWG. NO. D1200296		REV. v1
SCALE: 1:4	PROJECTION:		SHEET 2 OF 3





DETAIL E
SCALE 1 : 2



SECTION F-F

SCALE 2 : 1

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
D	D1200296	v1
SCALE: 1:4	PROJECTION:	SHEET 3 OF 3