

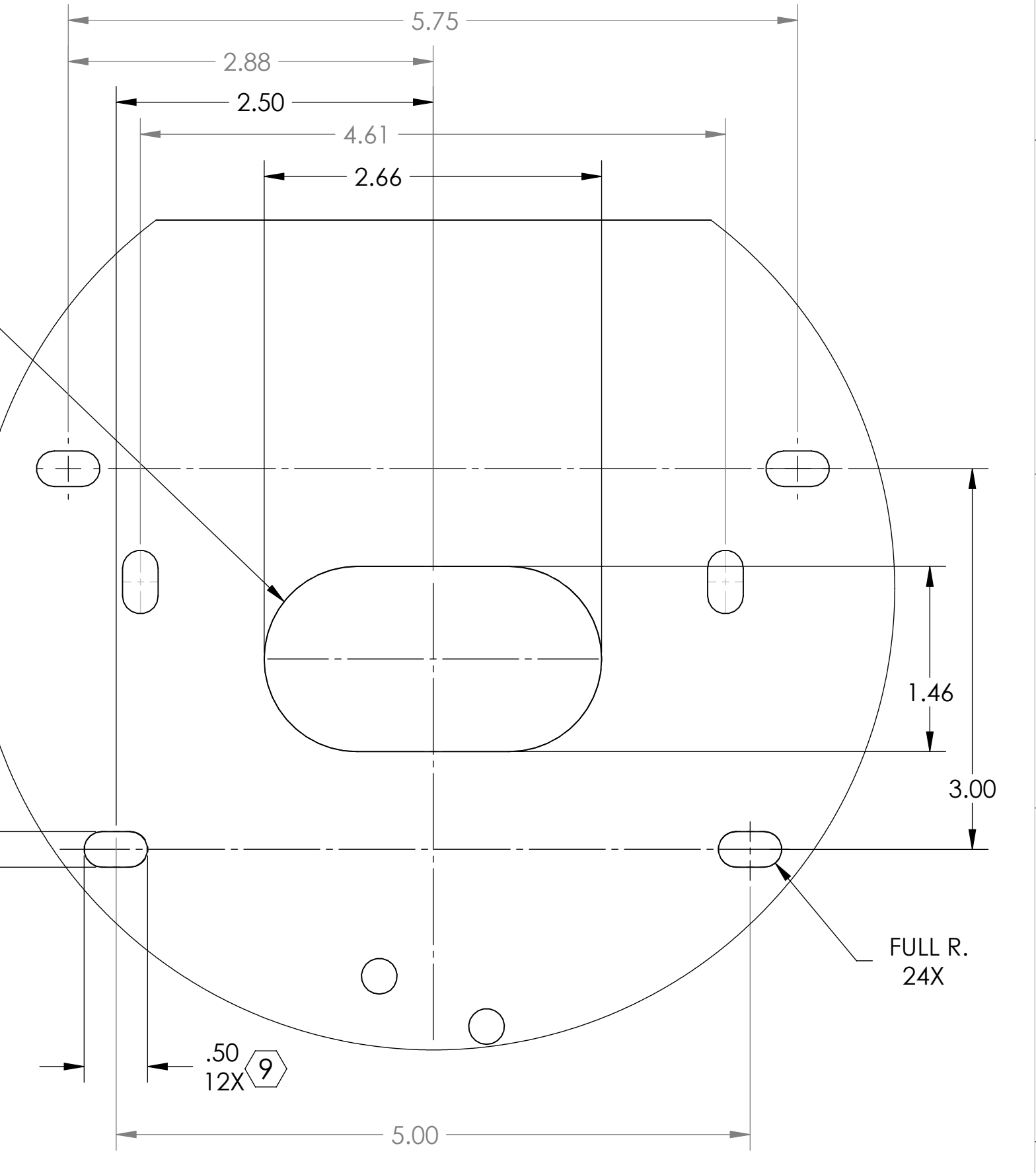
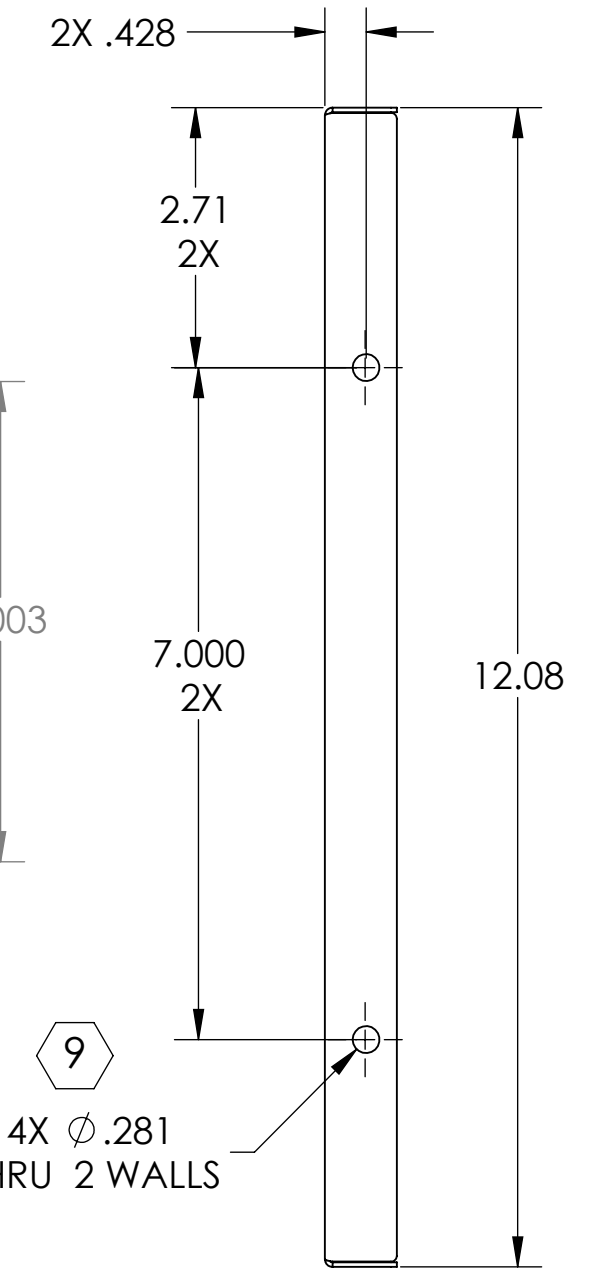
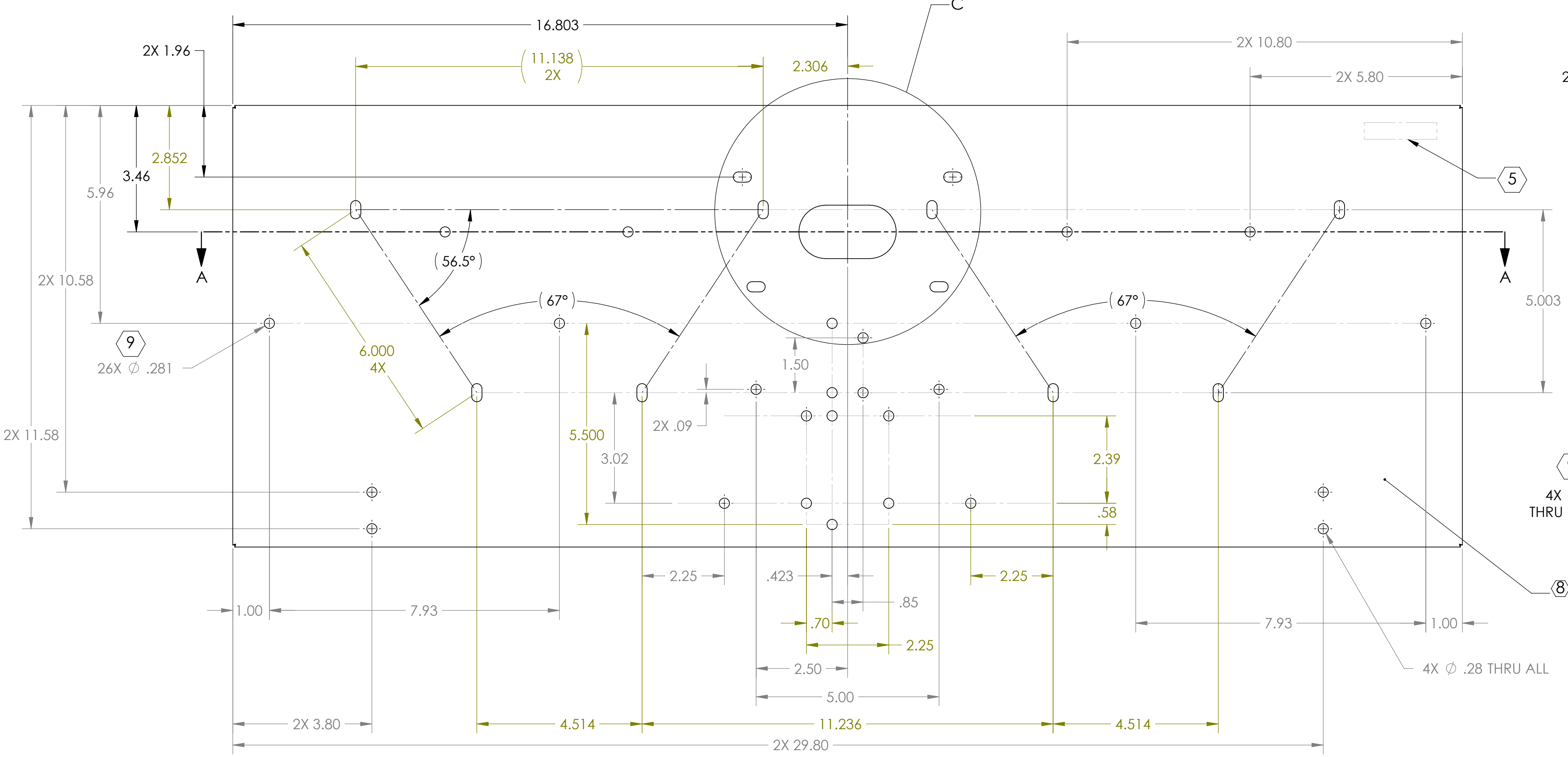
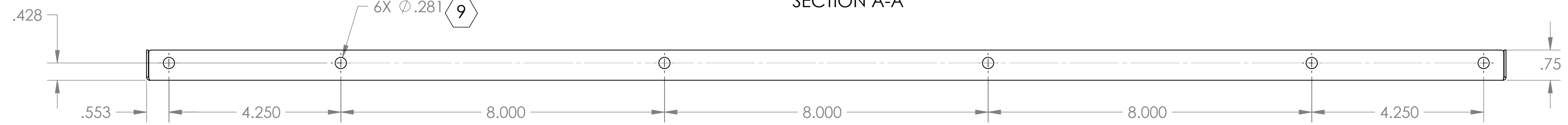
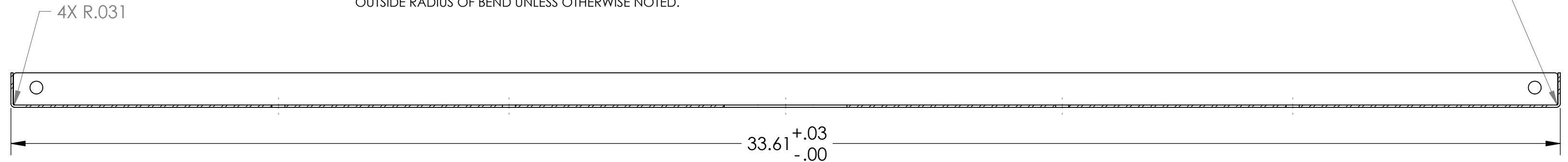
NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02.
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. 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: D100XXX=V1
S/N 001

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. PART WILL BE PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION. THE INDICATED HOLES WILL BE MASKED PRIOR TO PORCELAIN COATING TO APPROXIMATELY 2.5-3X HOLE DIAMETER CENTERED ON BOTH SIDES OF THE HOLE.
10. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
11. 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.

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REV.	DATE	DCN #	DRAWING TREE #
v1	15 JUN 2010	E1000285	
v2	02 MAR 2011	E1100216	



DETAIL C SCALE 1:1

ALL SURFACES

4X .28 THRU ALL

R.060
8X

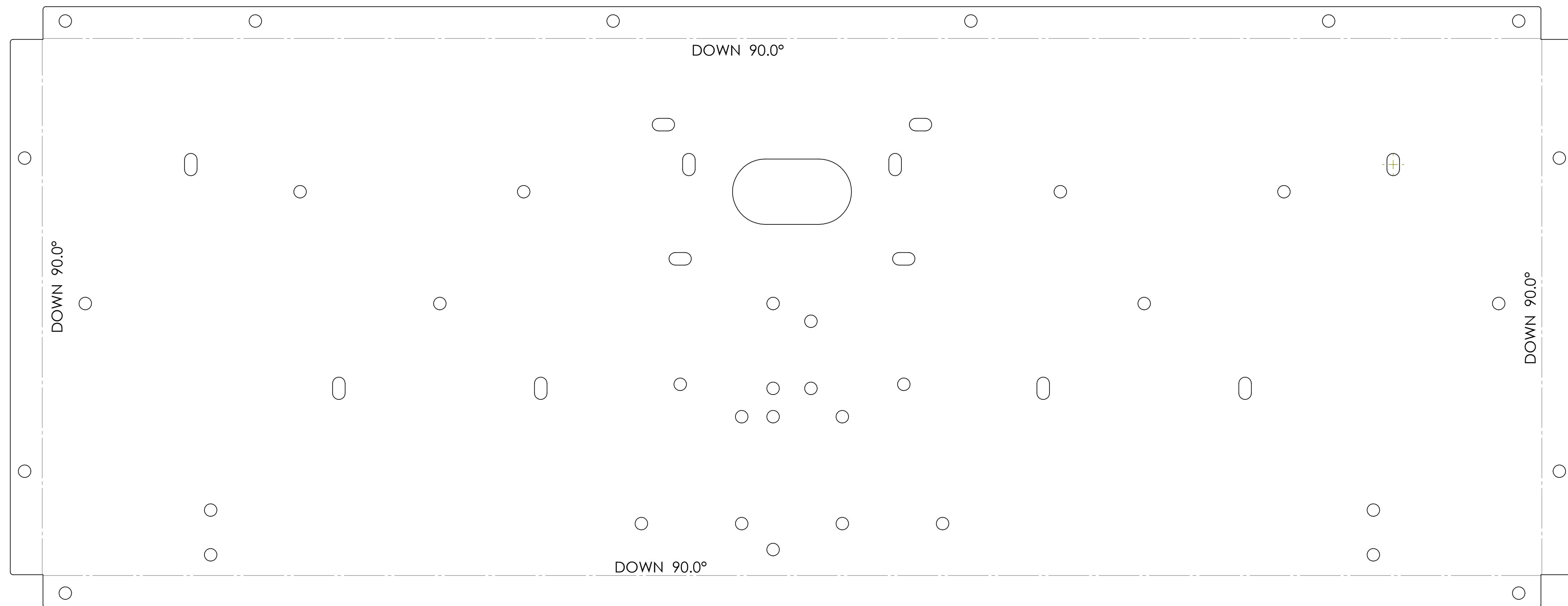
2X .281
THRU 2 WALLS

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	(8) (9)

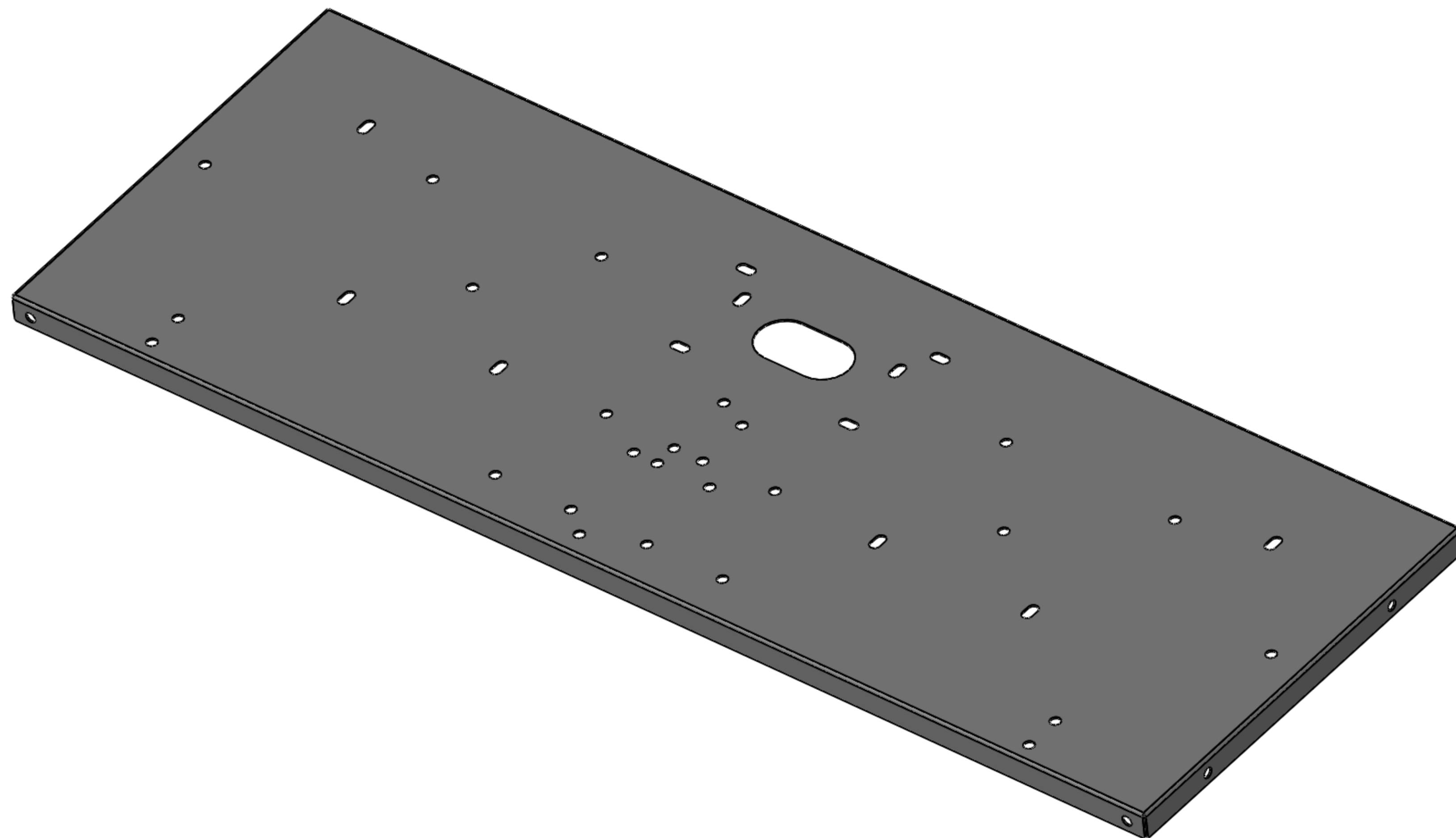
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	AOS
NEXT ASSY	D1000977


PART NAME					
ARM CAVITY BAFFLE TOP SKIN					
DESIGNER	N.Nguyen	01 Jun 2010	SIZE	DWG. NO.	REV.
DRAFTER	TQ. NGUYEN	04 JUN 2010	D	D1000974	v2
CHECKER	M. SMITH	10 NOV 2010	SCALE: 1:2	PROJECTION:	SHEET 1 OF 2
APPROVAL	D. COYNE	20 NOV 2010			

D1000974_AduLIGO_AOS_31C_ARM_Cavity_Baffle_Top_Skin_PART.PDM.REV.X.054_DRAWING.PDM.REV.X.025



R.06
8X



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	REV.
D	D1000974	v2
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2

D:\00974_Adu\GO_ACS_SLC_ARM_Covly_Bottle_Top_Skin_PRT_PDM_REV.X.054_DRAWING_PDM_REV.X.025