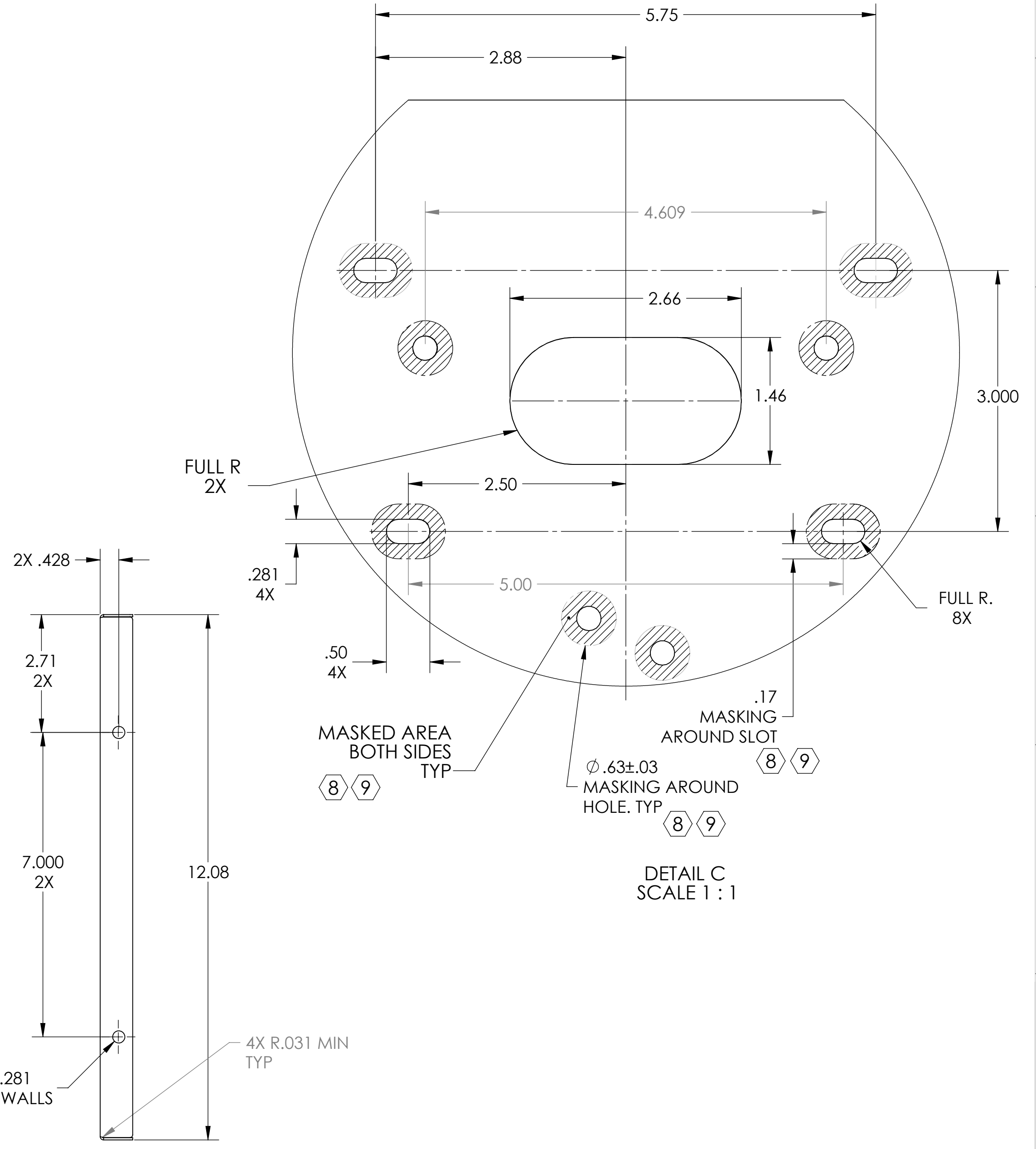
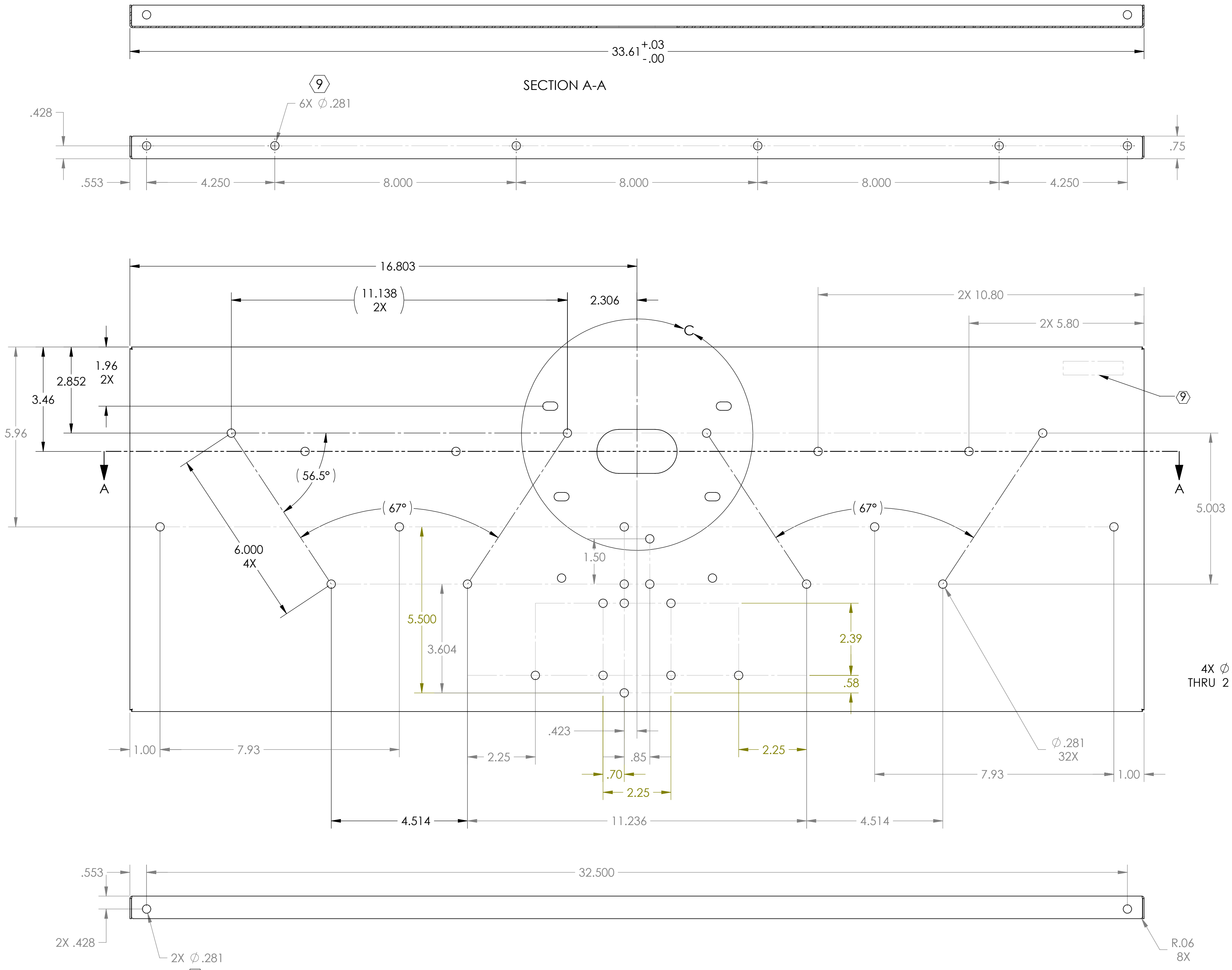


NOTES CONTINUED:
 5. FINISH: PART WILL BE PORCELAIN COATED IN ACCORDANCE WITH LIGO SPECIFICATION E1000083
 6. DIMENSIONS APPLY BEFORE COATING
 7. PART TO BE SMOOTH AND FREE OF BURRS.
 8. ALL MOUNTING HOLE AREAS SHALL BE MASKED WITHIN .63 ± .03 DIA PRIOR PORCELAIN COATING, BOTH SIDES.
 9. ENGRAVE OR MECHANICALLY STAMP DRAWING PART NUMBER, REVISION AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBER START AT 001 FOR THE FIRST ARTICAL AND PROCEED CONSECUTIVELY. USE .156 HIGH X .020 DEEP CHARACTERS. EXAMPLE: DXXXXXX-v1 S/N XXX

10. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364 (SECTION 4.1, 4.4, 4.6, 4.7 & 4.8)
 11. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NOT WELD REPAIRS OR PLUGS UNLESS APPROVED IN ADVANCE IN WRITING BY LIGO, REFER TO LIGO-E0900364.
 12. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE MATERIAL SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS. REFER TO LIGO-E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	15 JUN 2010	E1000285	

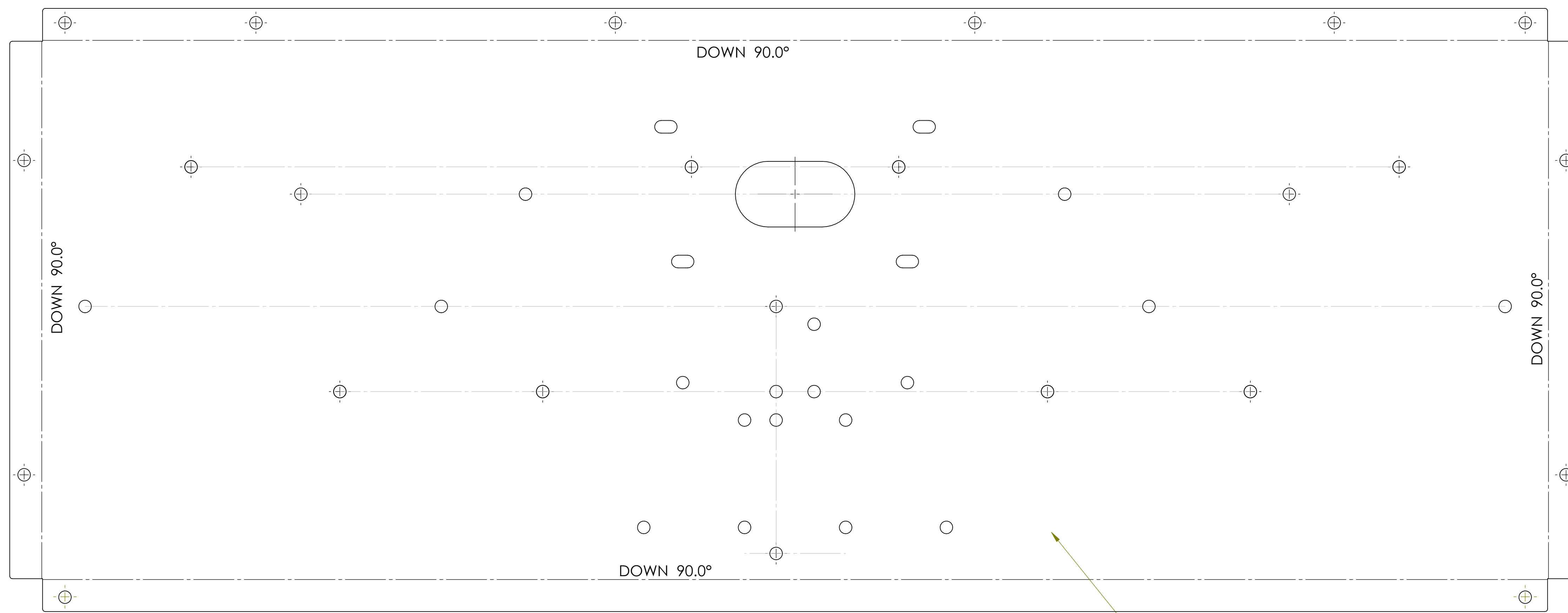


NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .02 .XXX ± .015	
ANGULAR ± 1.0°	
MATERIAL	FINISH
18 GA Enamel A424 Type I	(8) (9)

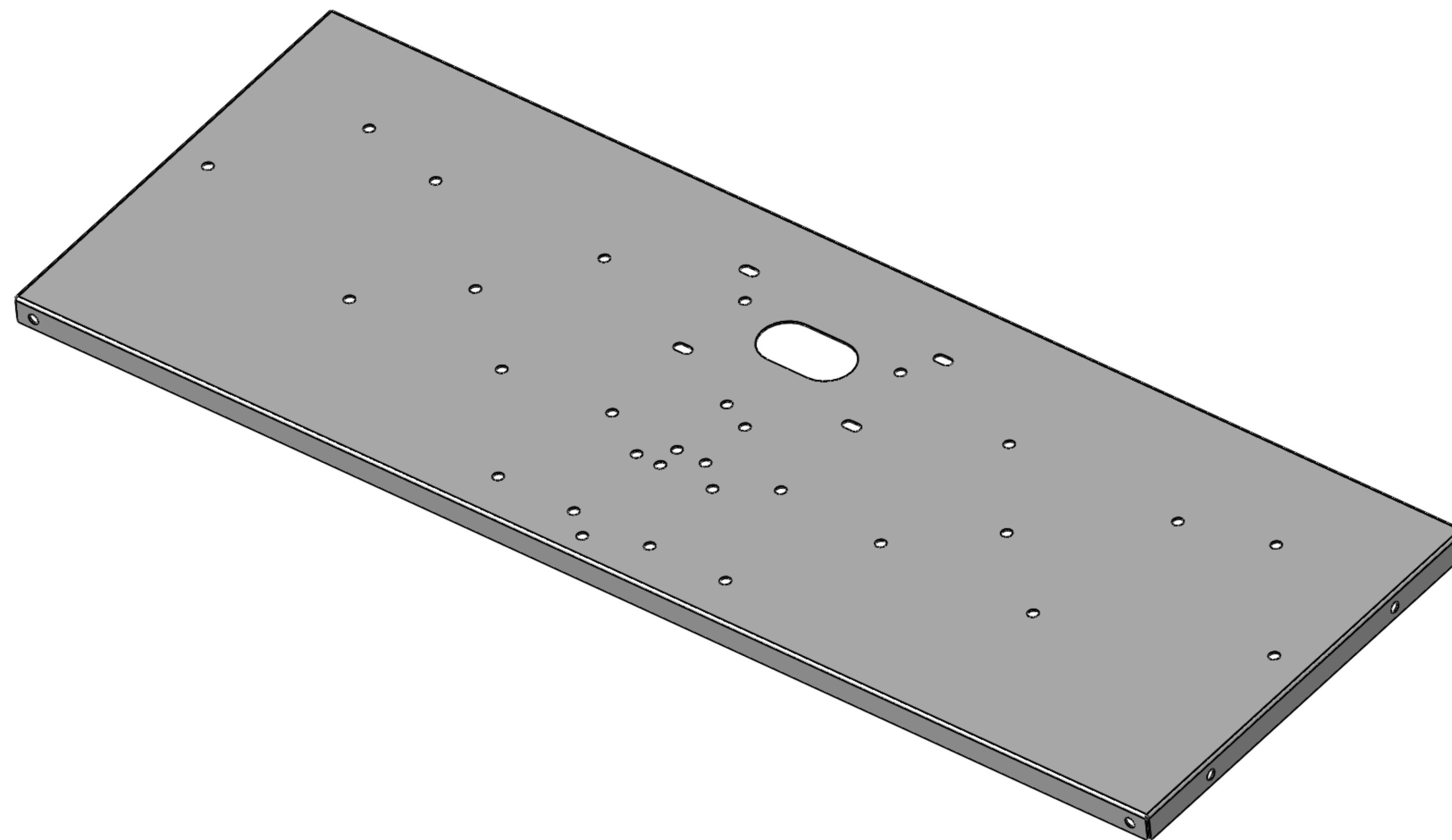
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	AOS
NEXT ASSY	D1000977

PART NAME				SIZE		DWG. NO.		REV.	
ARM CAVITY BAFFLE TOP SKIN				D		D1000974		v1	
DESIGNER	N.Nguyen	01 Jun 2010	CHECKER	M. SMITH	10 NOV 2010	APPROVAL	D. COYNE	20 NOV 2010	SHEET 1 OF 2
SCALE: 1:2		PROJECTION:		FIRST ANGLE					

D1000977L_AduLIGO_AOS_31C_ARM_Cavity_Baffle_Top_Skin_PART.PDM.REV.X-046_DRAWING.PDM.REV.X-021



Ø.281
46X



		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE	DWG. NO.	REV.	
D	D1000974	v1	
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2	

D1000974_AduLIGO_AOS_SLC_ARM_Covily_Bottle_Top_Skin_PART_PDM_REV_X.046_DRAWING_PDM_REV_X.021