NOTES CONTINUED:

⑤ MECHANICALLY STAMP (NO INKS OR DYTES) PART NUMBER, REVISON 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

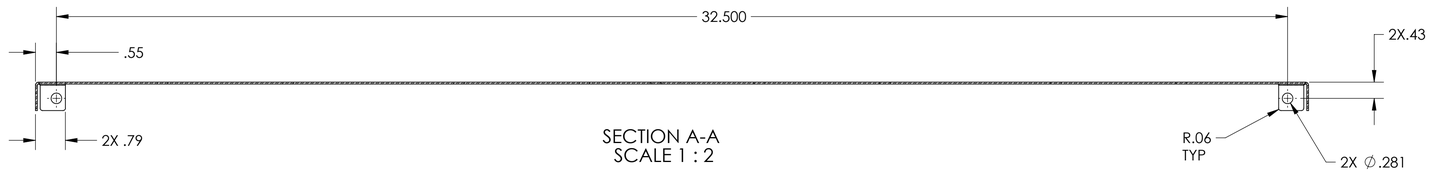
6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
7. ALL MATERIAL IS TO BE VIGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.

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

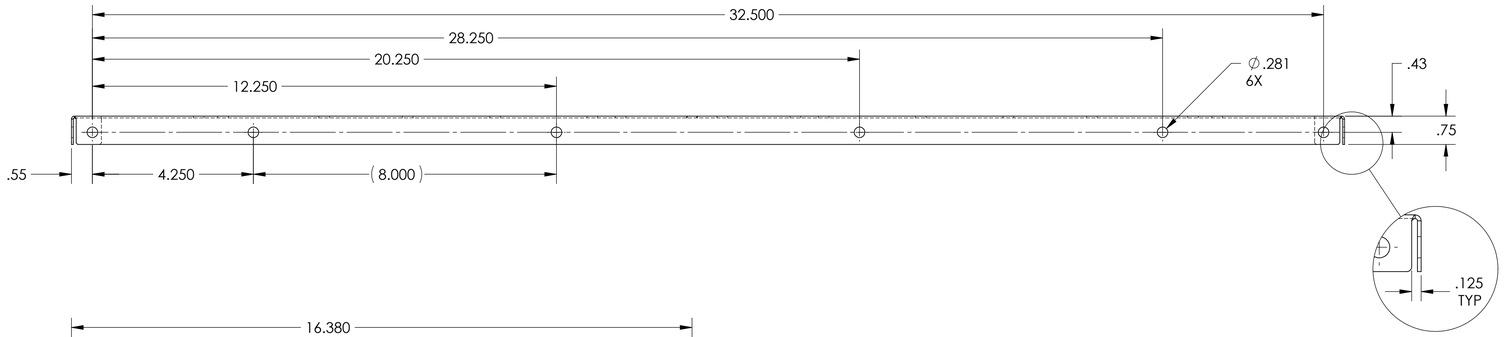
⑦ PART WILL BE COMPLETELY PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION.

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 ADDITION WORK WHEN FORMING. IN PARTICULAR IF SHEET METAL IS TO BE PORCELAIN COATED, THE BEND RADIUS SHALL BE A MINIMUM OF .12" OUTSIDE RADIUS OF BEND UNLESS OTHERWISE NOTED.

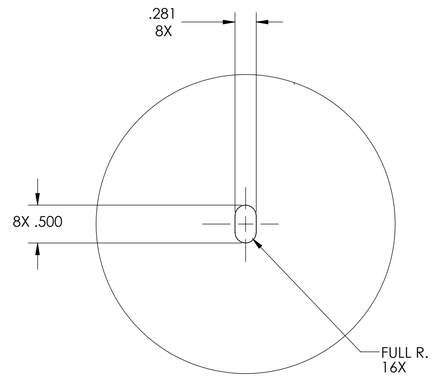
REV.	DATE	DCN #	DRAWING TREE #
v1	10 AUG 2010	E1000285	
v2	2 MAR 2011	E1100216	
v3	25 JUN 2011	E1100335	



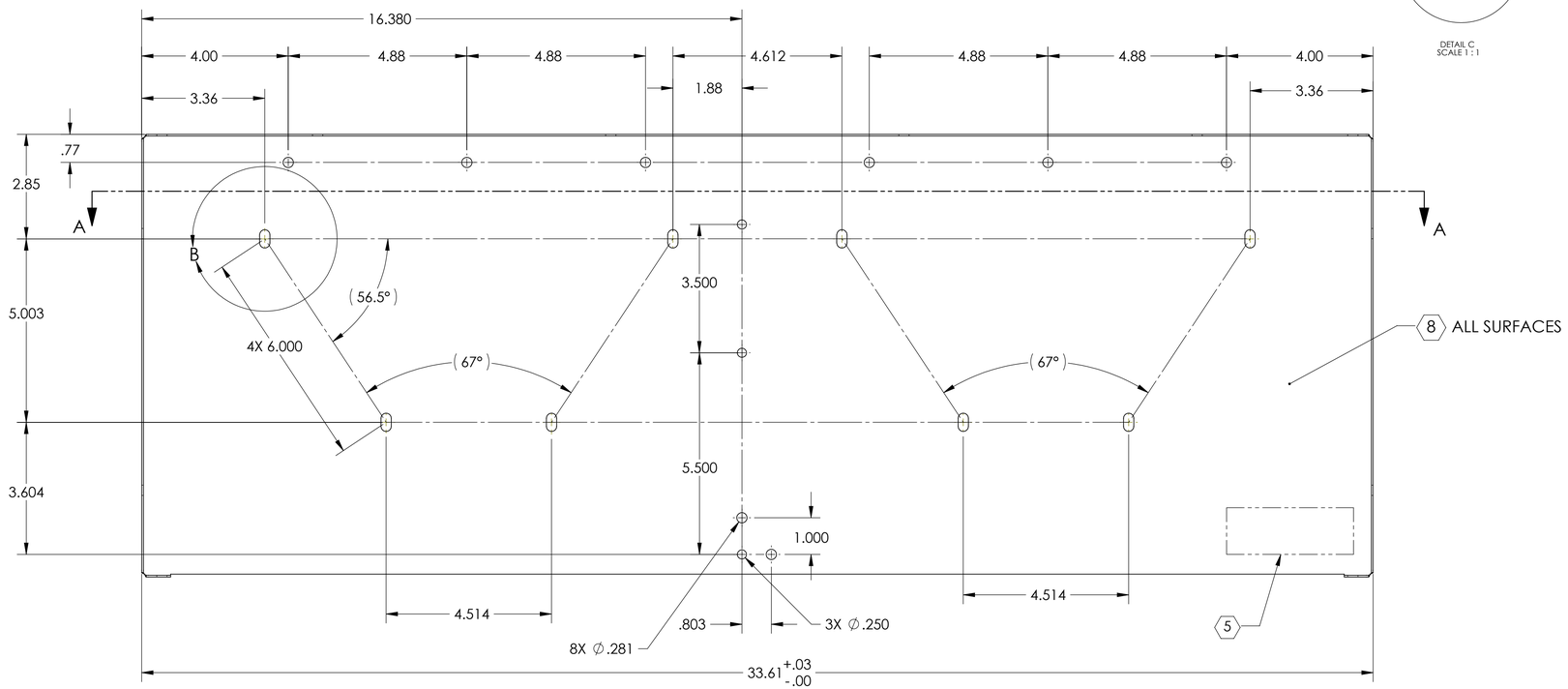
SECTION A-A
SCALE 1 : 2

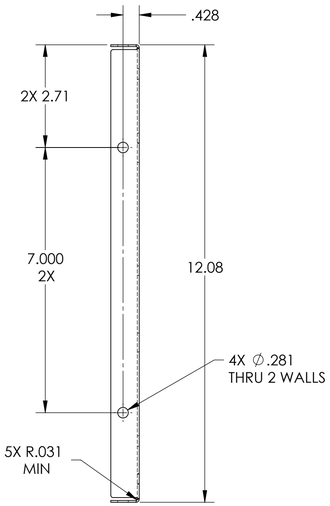


DETAIL C
SCALE 1 : 1



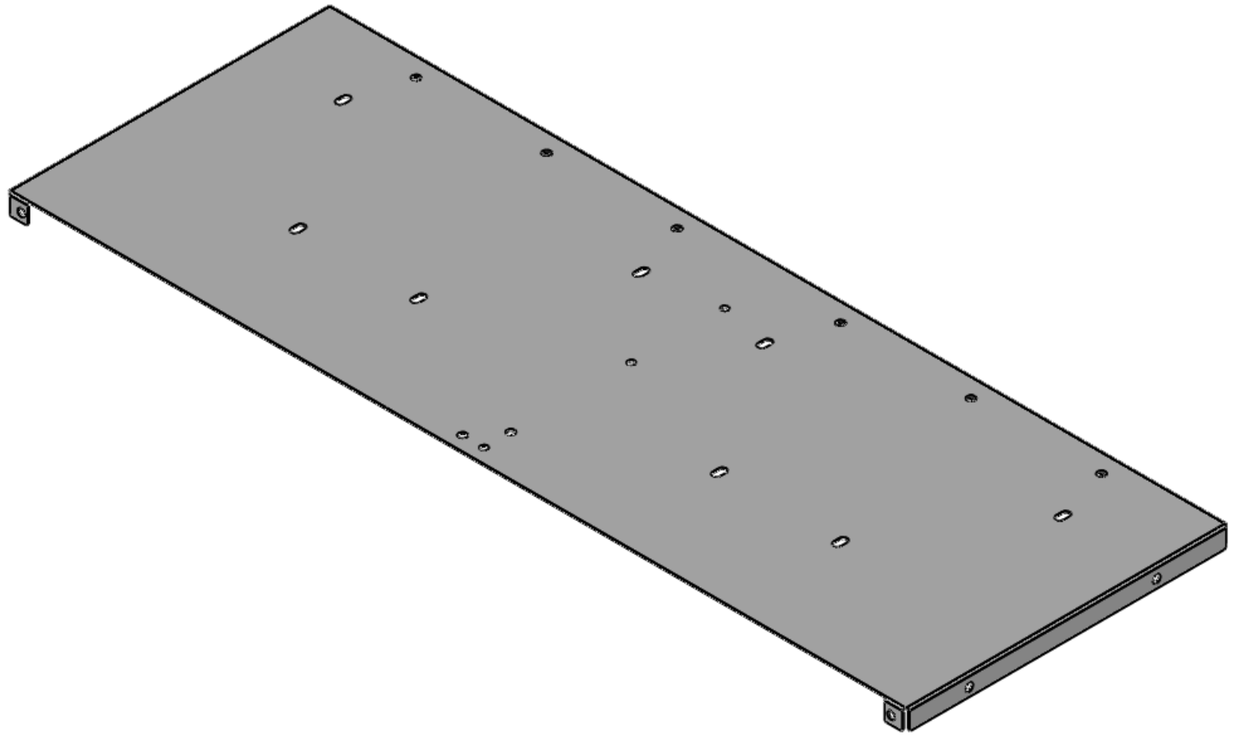
DETAIL B
SCALE 1 : 1

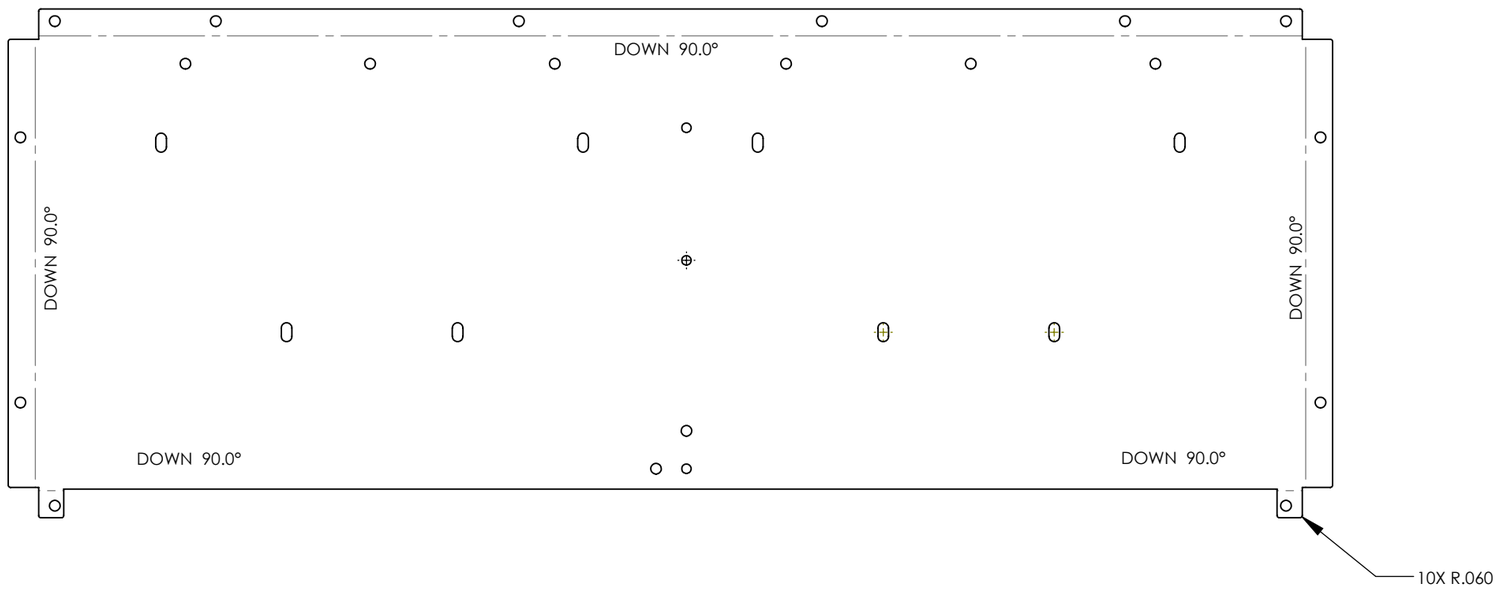




NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)									
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .015 ANGULAR ± 1.0°	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, FULL RADIUS ON ALL EDGES AND HOLES. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE PER LIGO DOCUMENT E0900237.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME: ARM CAVITY BAFFLE BTM SKIN				
	MATERIAL: 18 GA Enamel Steel A424 Type 1	FINISH: ⑧ ⑨	SYSTEM: ADVANCED LIGO	SUB-SYSTEM: AOS	DESIGNER: N.Nguyen	01 Jun 2010	SIZE: D	DWG. NO.: D1000975	REV.: v3
			NEXT ASSY: D1000977		DRAFTER: TQ. NGUYEN	27 MAY 2010			
					CHECKER: M. SMITH	10 NOV 2010			
					APPROVAL: D. COYNE	20 NOV 2010	SCALE: 1:4	PROJECTION:	SHEET 1 OF 2

D1000975_AdLIGO_AOS_SLC ARM Cavity Baffle Bottom Skin, PART PDM REV: X-027, DRAWING PDM REV: X-031





D1000975_AdLIGO_AOS_SLC ARM Cavity Baffle Bottom Skin, PART PDM REV: X-027, DRAWING PDM REV: X-031

LIGO	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE B	DWG. NO. D1000975	REV. v3	
SCALE: 1:4	PROJECTION:	SHEET 2 OF 2	