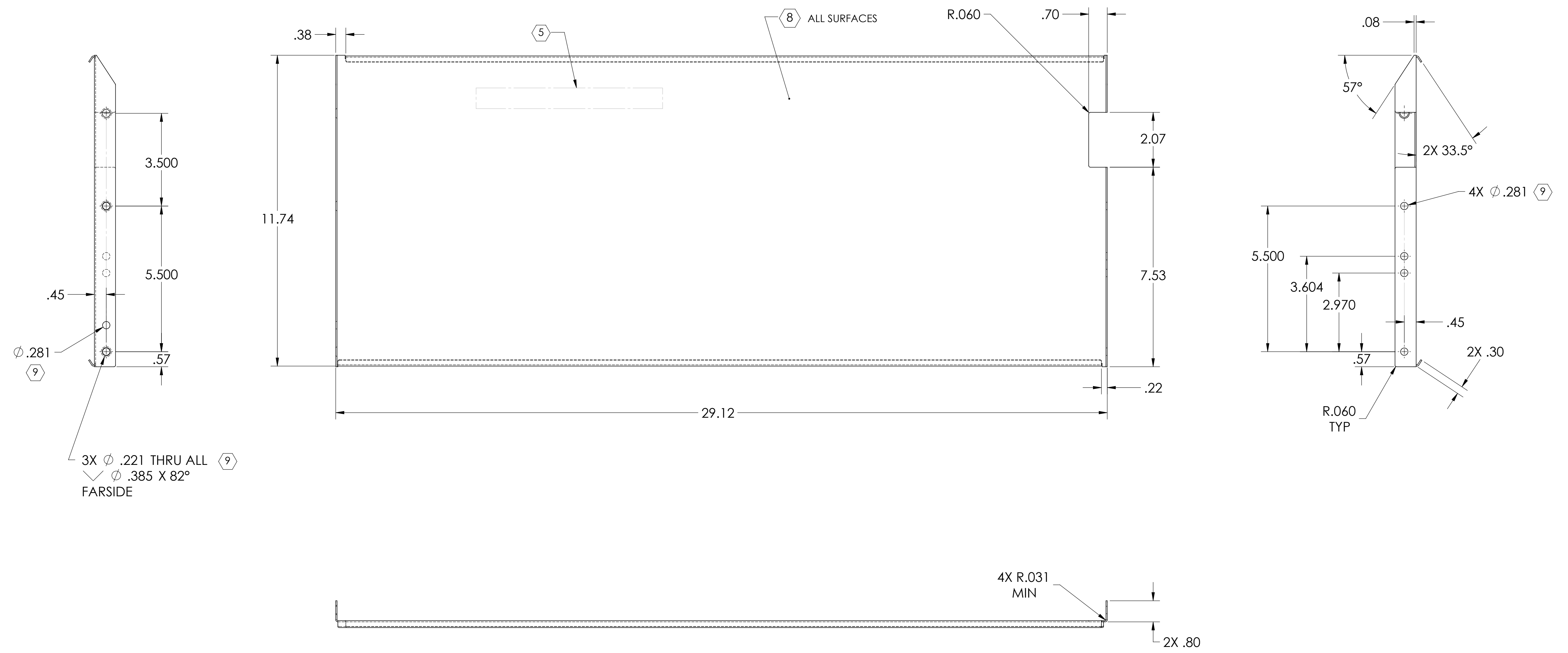


REV.	DATE	DCN #	DRAWING TREE #
v2	08 JUN 2010	E1000285	
v2	25 MAR 2011	E1100216	

- NOTES: UNLESS OTHERWISE SPECIFIED**
- INTERPRET DRAWING PER ASME Y14.5-1994.
 - REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02.
 - DO NOT SCALE FROM DRAWING.
 - ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.
 - 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: D100XXXX-V1
S/N 001
 - ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
 - 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.
 - SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
 - 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.
 - DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
 - 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.



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ± .03
 .XXX ± .015

ANGULAR ± 1.0°

MATERIAL	FINISH
18GA Enamel Steel A424 type 1	9

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS

NEXT ASSY: D1000977

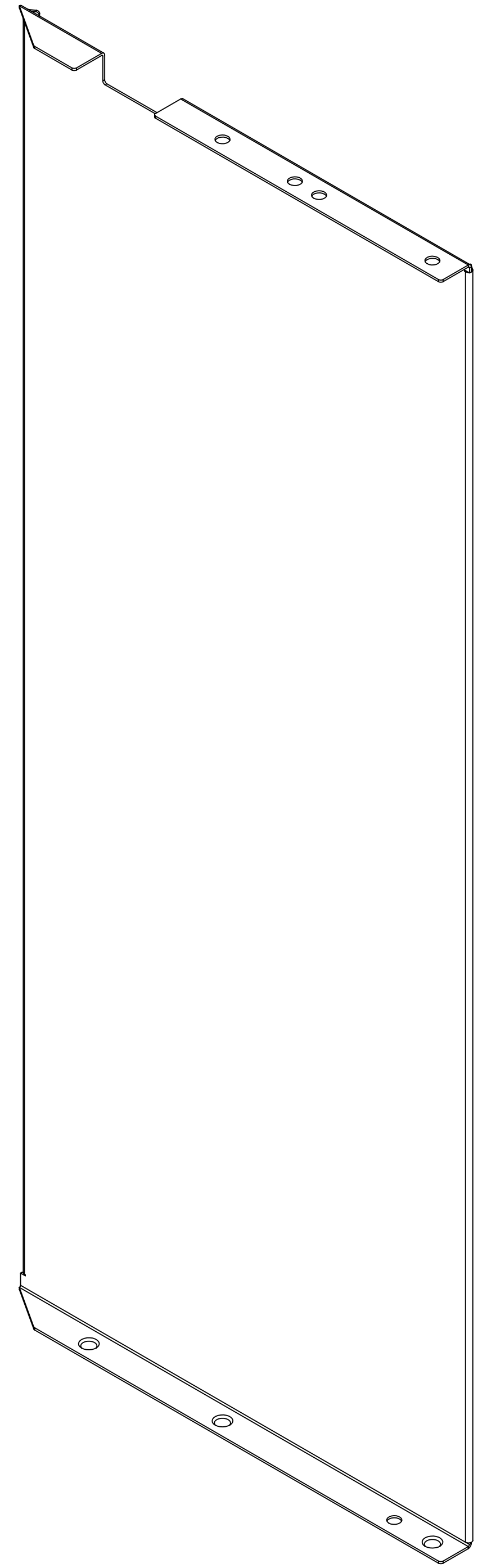
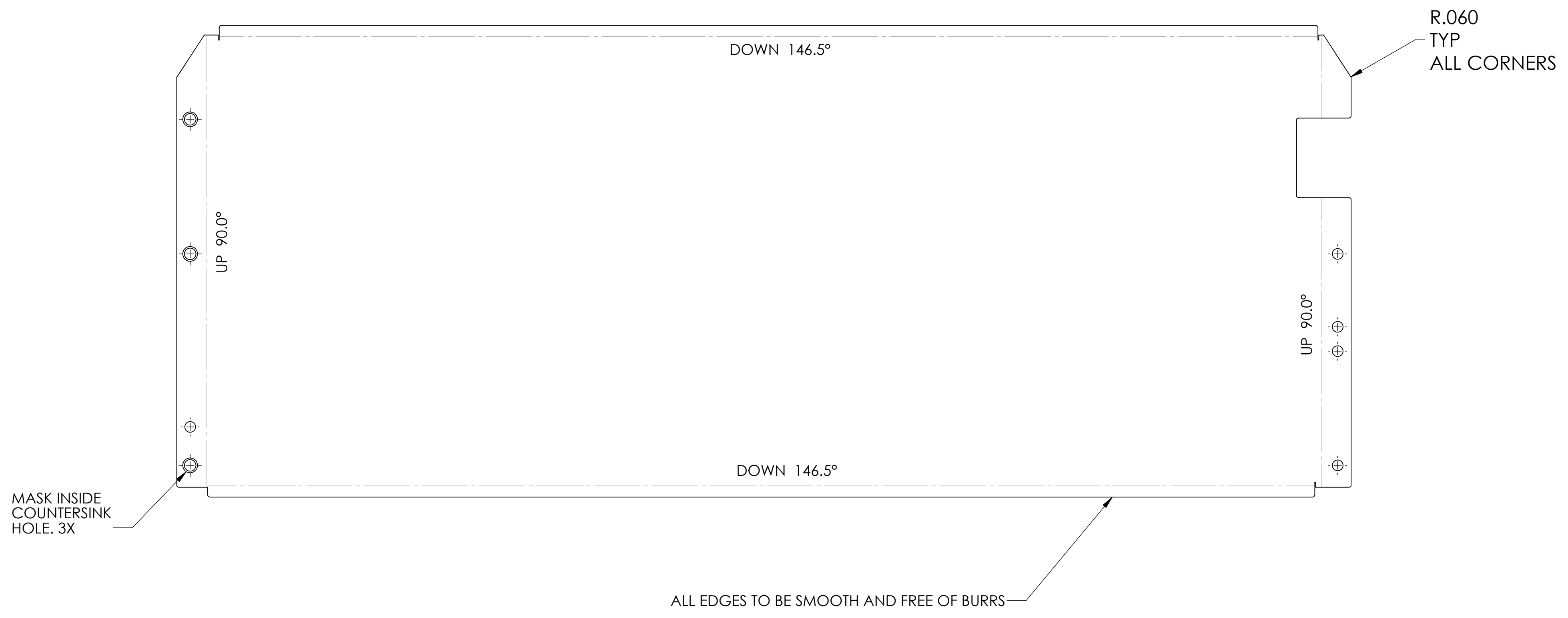
PART NAME		ARM CAVITY BAFFLE CTR SKIN	
DESIGNER	N.Nguyen	02 Jun 2010	SIZE DWG. NO.
DRAFTER	TQ. NGUYEN	28 MAY 2010	D
CHECKER	M. SMITH	10 AUG 2010	
APPROVAL	D. COYNE	20 AUG 2010	SCALE: 1:2
PROJECTION:		SHEET 1 OF 2	

D1000976_AduLIGO_AOS_31C_ARM_Cavity_Baffle_Center_Skin_PART PDM REV: X:007 DRAWING PDM REV: X:012

8 7 6 5 4 3 2 1

H
G
F
E
D
C
B
A

H
G
F
E
D
C
B
A



D:\000976_Adu\GO_ACS_SLC_ARM_Cavity_Baffle_Center_Sin_PART_PDM_REV_X:007_DRAWING_PDM_REV_X:012

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE DWG. NO.	D1000976	v2
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2