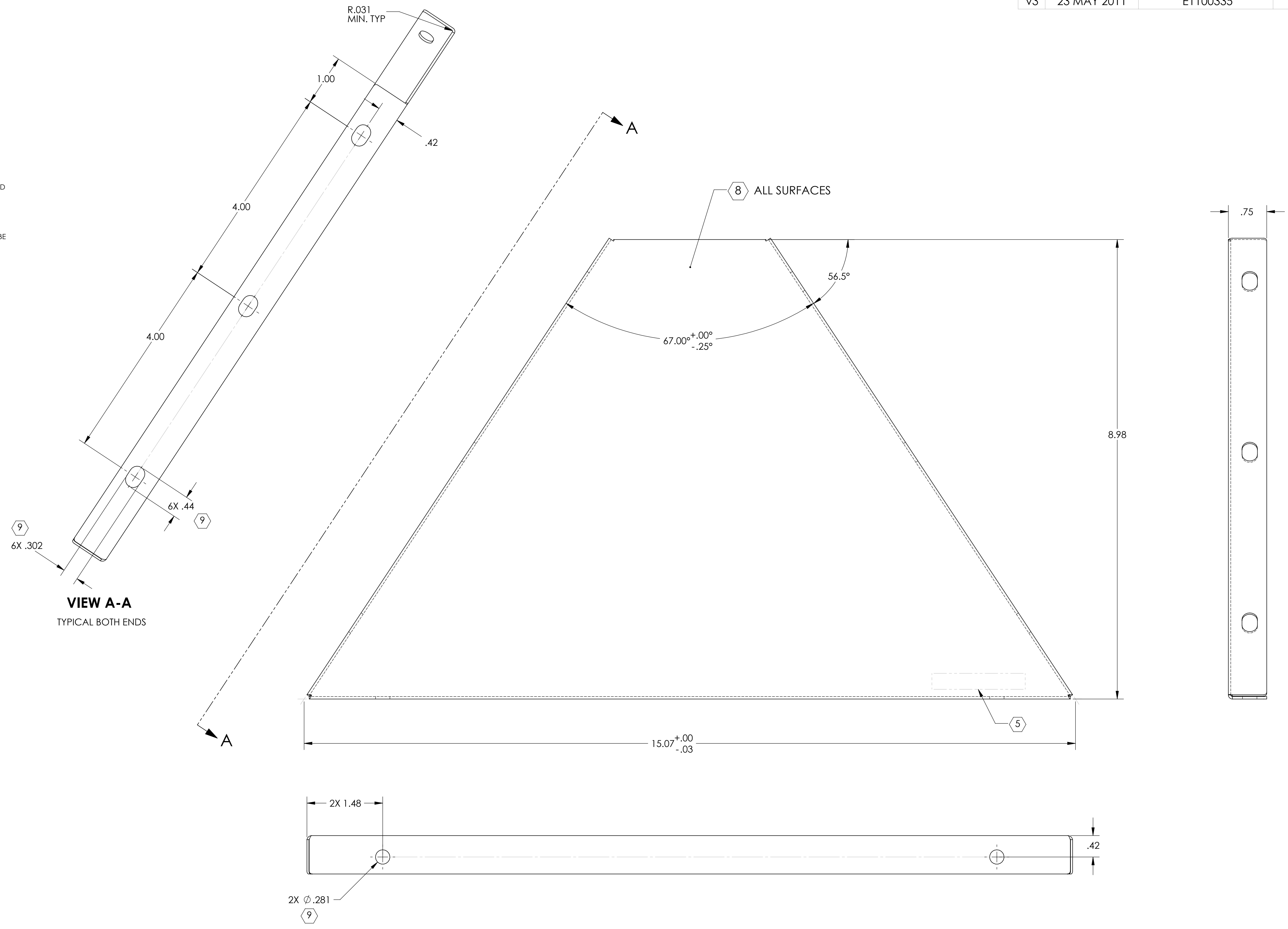


- NOTES: UNLESS OTHERWISE SPECIFIED**
1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02.
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO 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.

REV.	DATE	DCN #	DRAWING TREE #
v3	16 JUN 2010	E1000285	-
v2	08 APR 2011	E1100216	-
v3	23 MAY 2011	E1100335	-



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ± .03
 .XXX ± .015

ANGULAR ± 1.0°

MATERIAL: 18 GA Enamel Steel A424 Type I

FINISH: 8 9

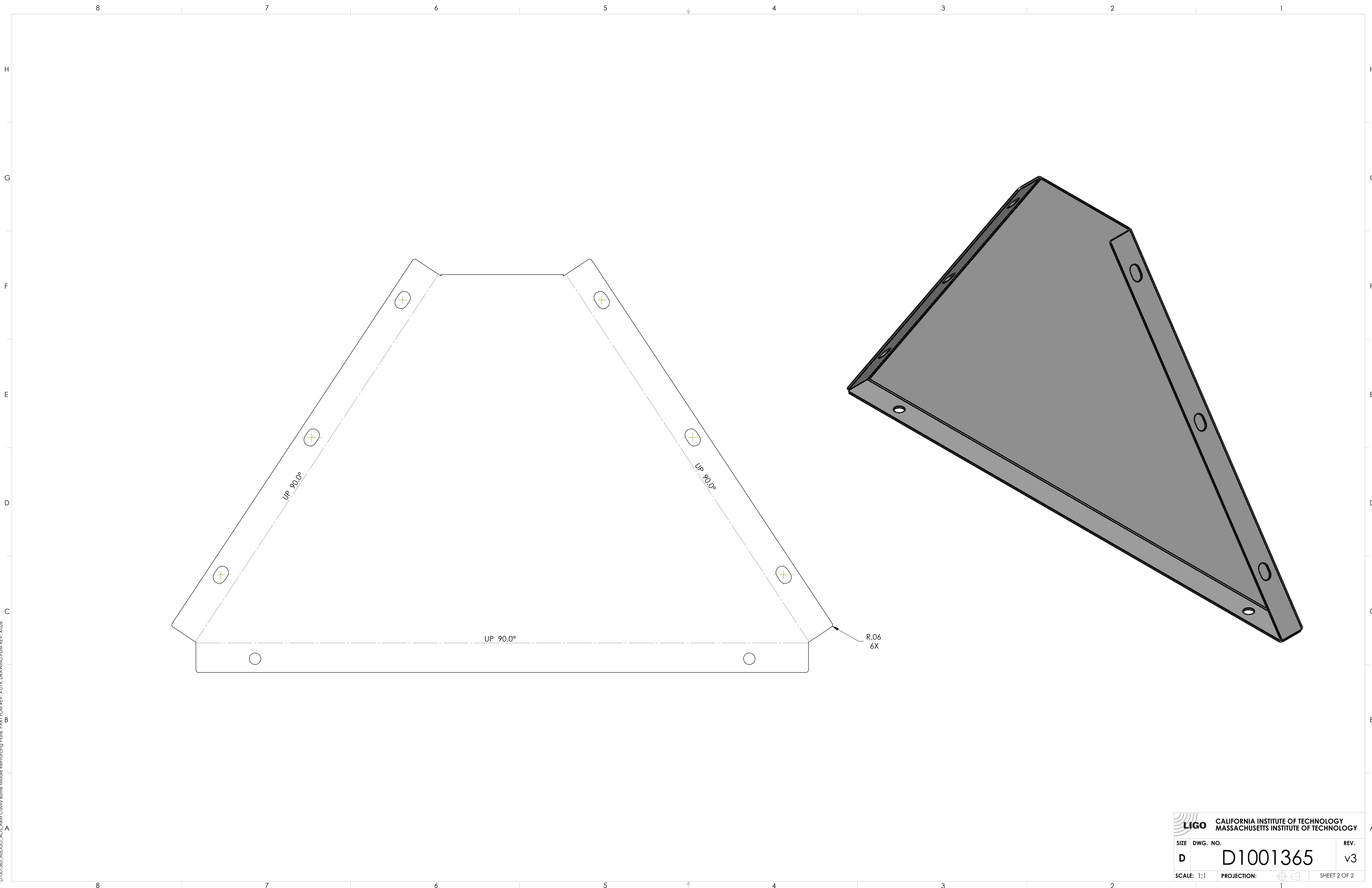
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY



SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS

NEXT ASSY: D1000977

PART NAME		DESIGNER		DATE		SIZE		DWG. NO.		REV.	
ARM BAFFLE MIDDLE REINFORCING PLATE		N.Nguyen		01 Jun 2010		D		D1001365		v3	
DRAFTER		TQ. NGUYEN		15 JUN 2010							
CHECKER		M. SMITH		02 AUG 2010							
APPROVAL		D. COYNE		10 AUG 2010		SCALE: 1:1		PROJECTION:		SHEET 1 OF 2	

D1001365_A03_Arm Cavity Baffle Middle Reinforcing Plate PART PDM REV: X-019 DRAWING PDM REV: X-026



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV. v3
SIZE D	DWG. NO. D1001365	
SCALE: 1:1	PROJECTION: 	SHEET 2 OF 2

D:\001365_A03_ARM_Cavity_Baffle_Middle_Reinforcing_Plate_PAT.PDM REV: X-019.DRAWING PDM REV: X-026