

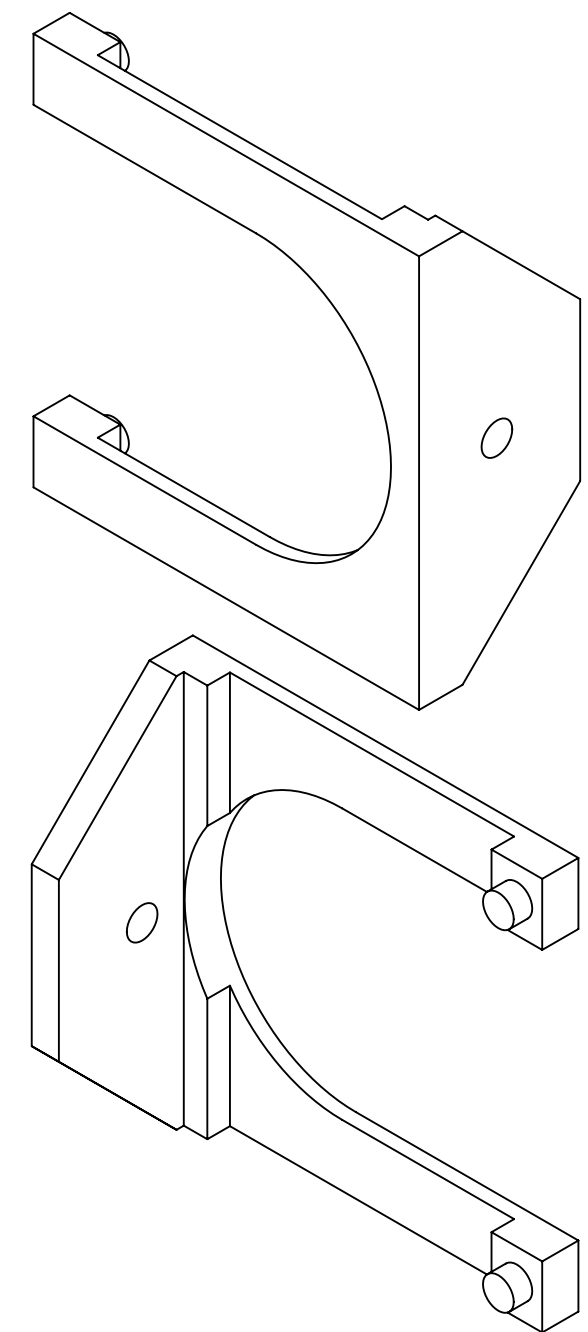
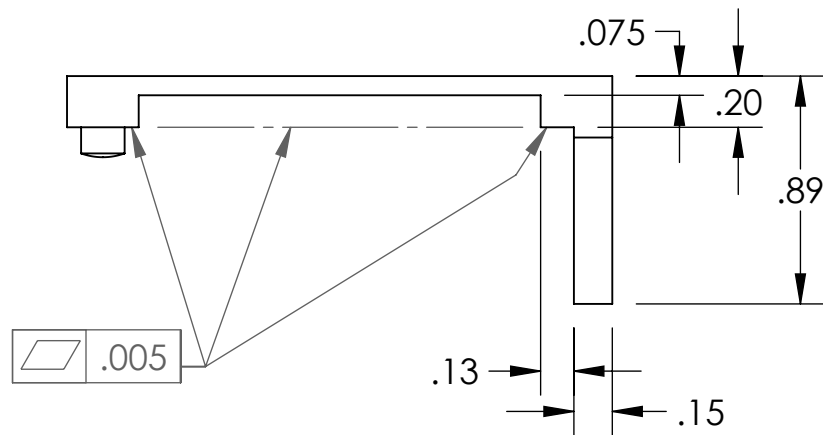
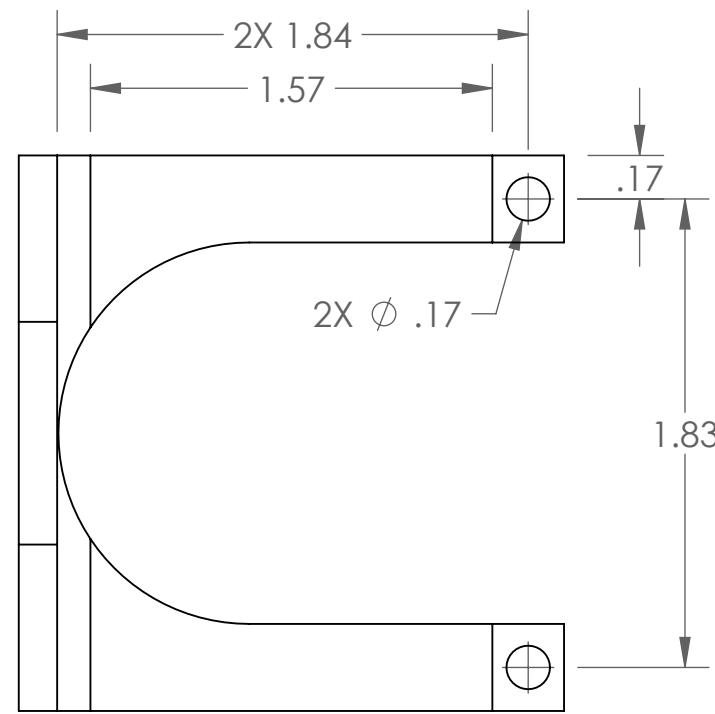
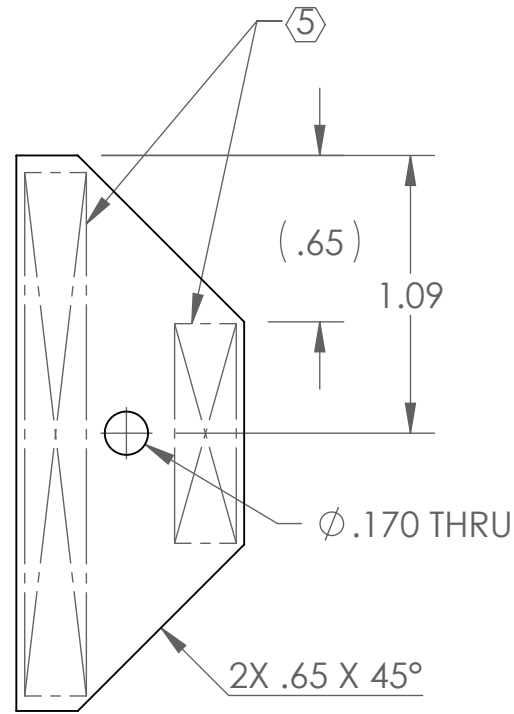
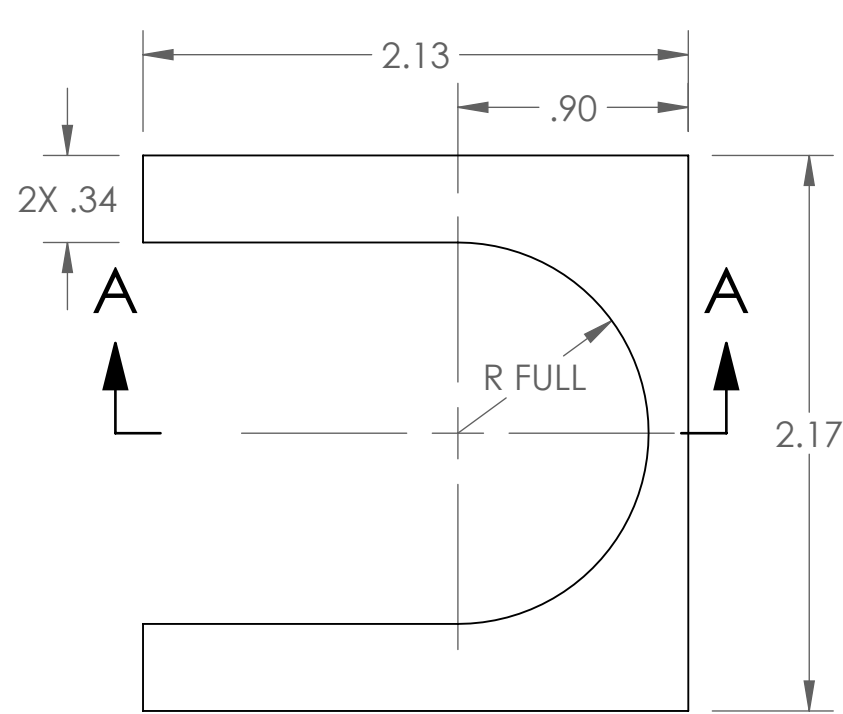
8 7 6 5 4 3 2 1

NOTES (CONTINUED):

⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE XX, S/N XXX

- 6. MASS: 17.6 G [0.039 LB].
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. 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 PART SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E0900364.

REV.	DATE	DCN #	BOM #
v1	07 MAY 2013	-	-
v2	08 MAY 2013	E1300396-x0	-
v3	10 MAY 2013	E1300412-x0	-



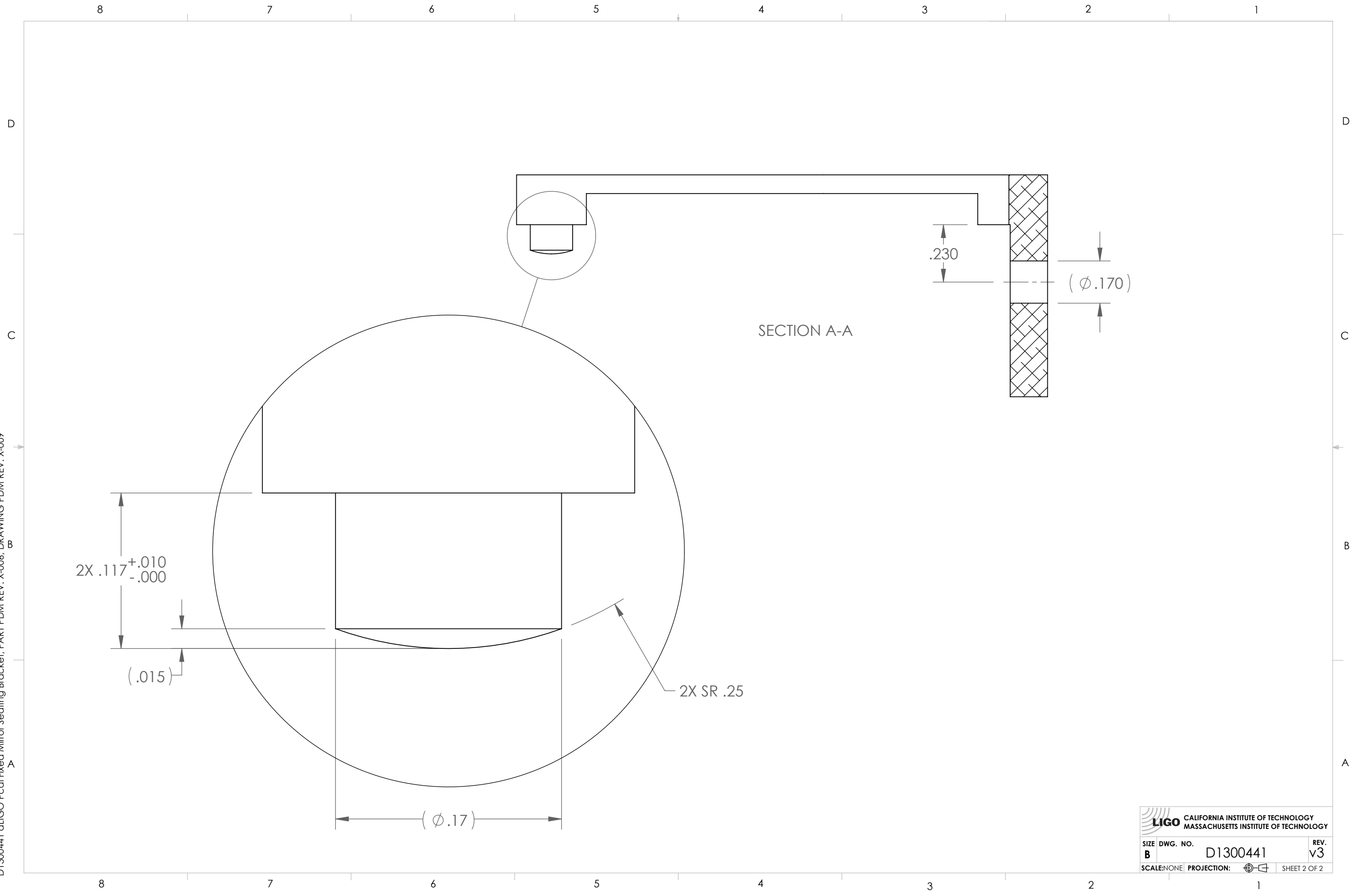
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005	
ANGULAR ± 1.0°	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. BREAK ALL SHARP EDGES, .02 MAX. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL	6061-T6 Al
FINISH	63 μinch Ra MAX

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		gLIGO PCAL	
SYSTEM <b>ADVANCED LIGO</b>		SUB-SYSTEM <b>AOS</b>		<b>FIXED MIRROR SEATING BRACKET</b>	
DESIGNER	R. SAVAGE	DATE	07 MAY 2013	SIZE	DWG. NO.
DRAFTER	C. CONLEY	DATE	07 MAY 2013	<b>B</b>	<b>D1300441</b>
CHECKER	SEE DCN	REV.	v3	SCALE	NONE
APPROVAL	SEE DCN	PROJECTION		SHEET 1 OF 2	

D1300441 gLIGO Pcal Fixed Mirror Seating Bracket, PART PDM REV: X-006, DRAWING PDM REV: X-009

8 7 6 5 4 3 2 1

D1300441 aLIGO Pcal Fixed Mirror Seating Bracket, PART PDM REV: X-006, DRAWING PDM REV: X-009



 <b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b> <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>		
SIZE <b>B</b>	DWG. NO. <b>D1300441</b>	REV. <b>v3</b>
SCALE: NONE	PROJECTION: 	SHEET 2 OF 2