

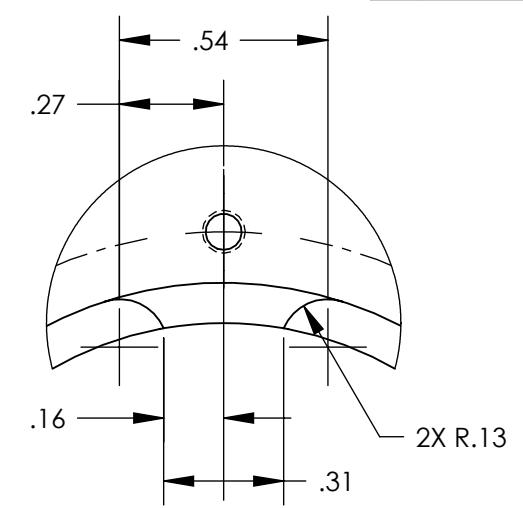
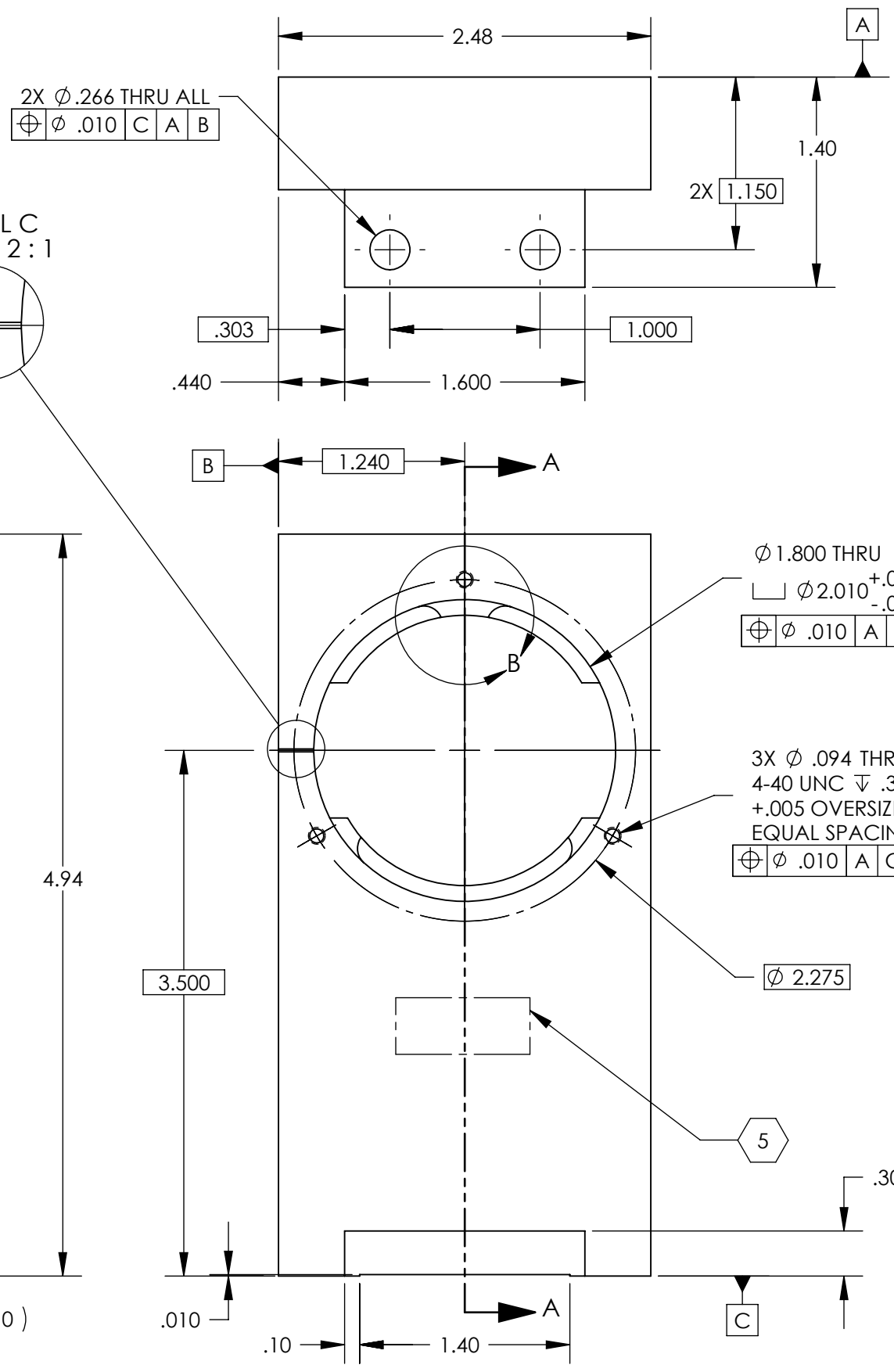
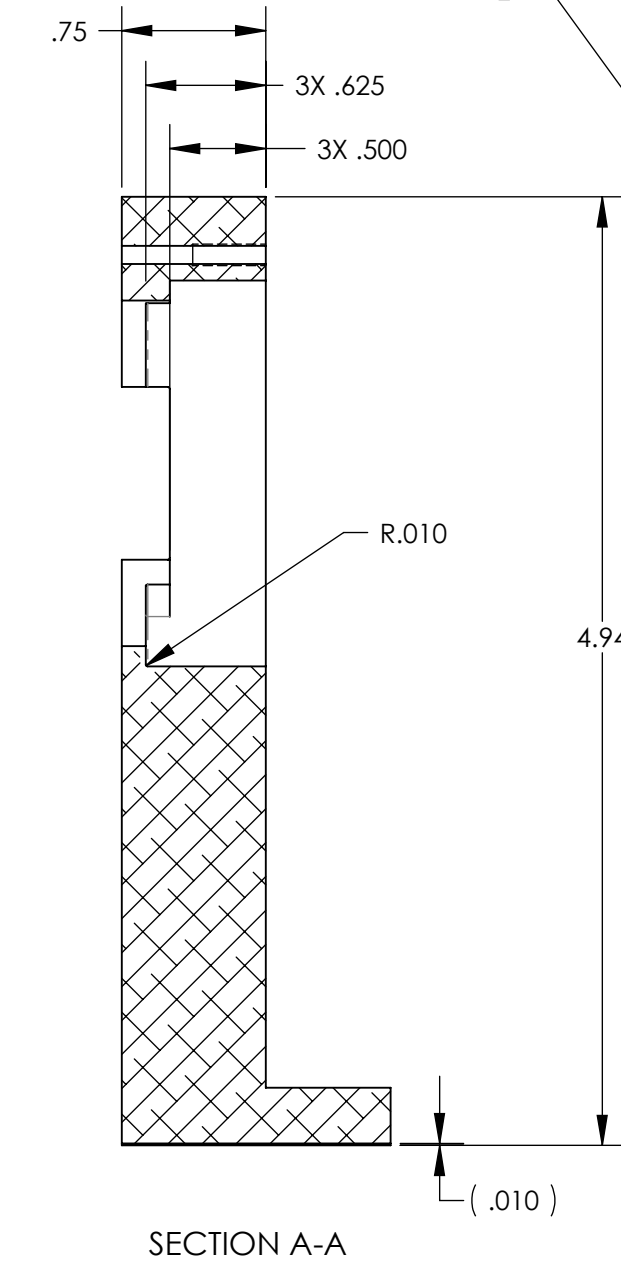
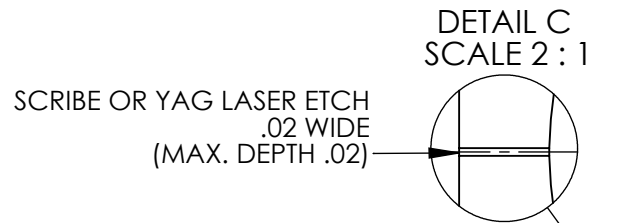
D0900439_AdlIGO_AOS_D0900440_TFP Polarizer Plate, PART PDM REV: X-020, DRAWING PDM REV: X-026

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. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	08 OCT 2010	E1000563	
v4	21 SEP 2012	E1000563	
-	-	-	

D
C
B
A

D
C
B
A



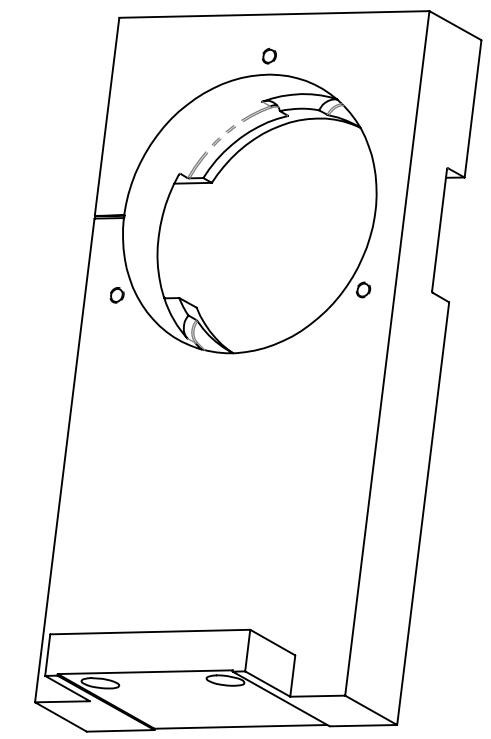
$\varnothing 1.800$ THRU
 $\varnothing 2.010^{+.005}_{-.000}$ $\nabla .500$
 $\oplus \varnothing .010$ A C B

3X $\varnothing .094$ THRU ALL
 4-40 UNC $\nabla .380$
 +.005 OVERSIZE TAP
 EQUAL SPACING
 $\oplus \varnothing .010$ A C B

$\varnothing 2.275$

5

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX $\pm .02$.XXX $\pm .010$ ANGULAR $\pm 0.5^\circ$				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		TFP POLARIZER PLATE	
MATERIAL		FINISH		NEXT ASSY		DESIGNER DRAFTER CHECKER APPROVAL	
6061-T6 Al		63 μ inch		D0900440		SIZE DWG. NO. B D0900439 SCALE: 1:1 PROJECTION:	
				SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS	
				DESIGNER N. Nguyen		DATE 10 FEB 2010	
				REV. v4		SHEET 1 OF 2	



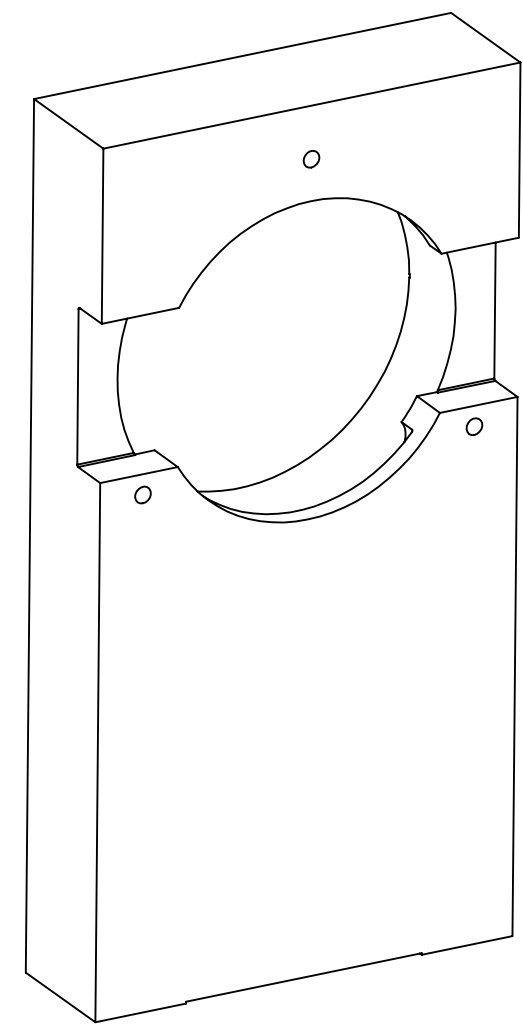
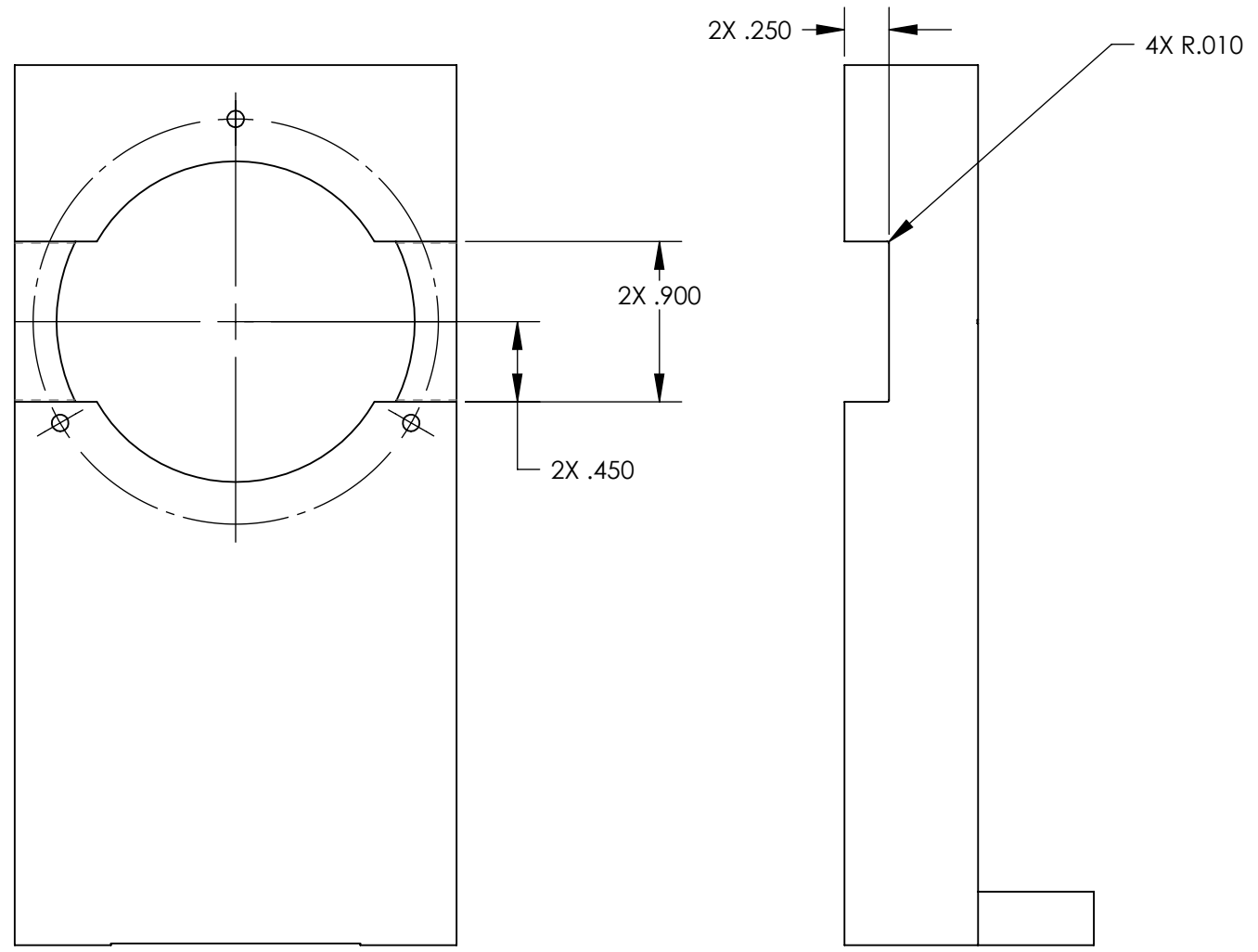
8 7 6 5 4 3 2 1



D0900439_AcLIGO_AOS_D0900440_TFP Polarizer Plate, PART PDM REV: X-020, DRAWING PDM REV: X-026

8 7 6 5 4 3 2 1

D
C
B
A

D
C
B
A



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE B	DWG. NO. D0900439
SCALE: 1:1	PROJECTION:  SHEET 2 OF 2
REV. v4	

8 7 6 5 4 3 2 1