

D0900439_AdlIGO_AOS_D0900440_TFP Polarizer Plate, PART PDM REV: X-017, DRAWING PDM REV: X-024

- NOTES CONTINUED:**
5. SCRIBE, ENGRAVE, 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. A VIBRATORY TOOL MAY BE USED. 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	
v2	28 FEB 2011	E1000563	
v3	30 FEB 2011	E1000563	

D

C

B

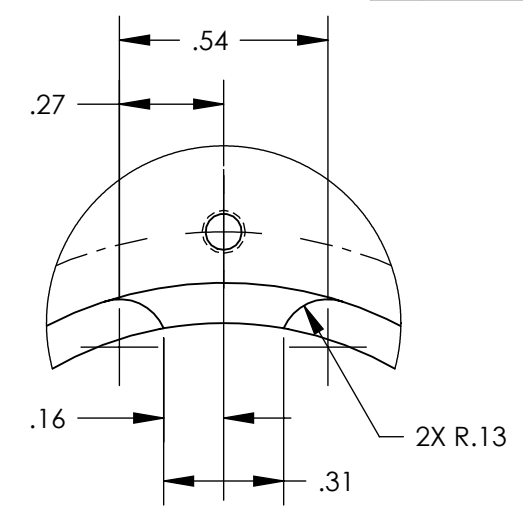
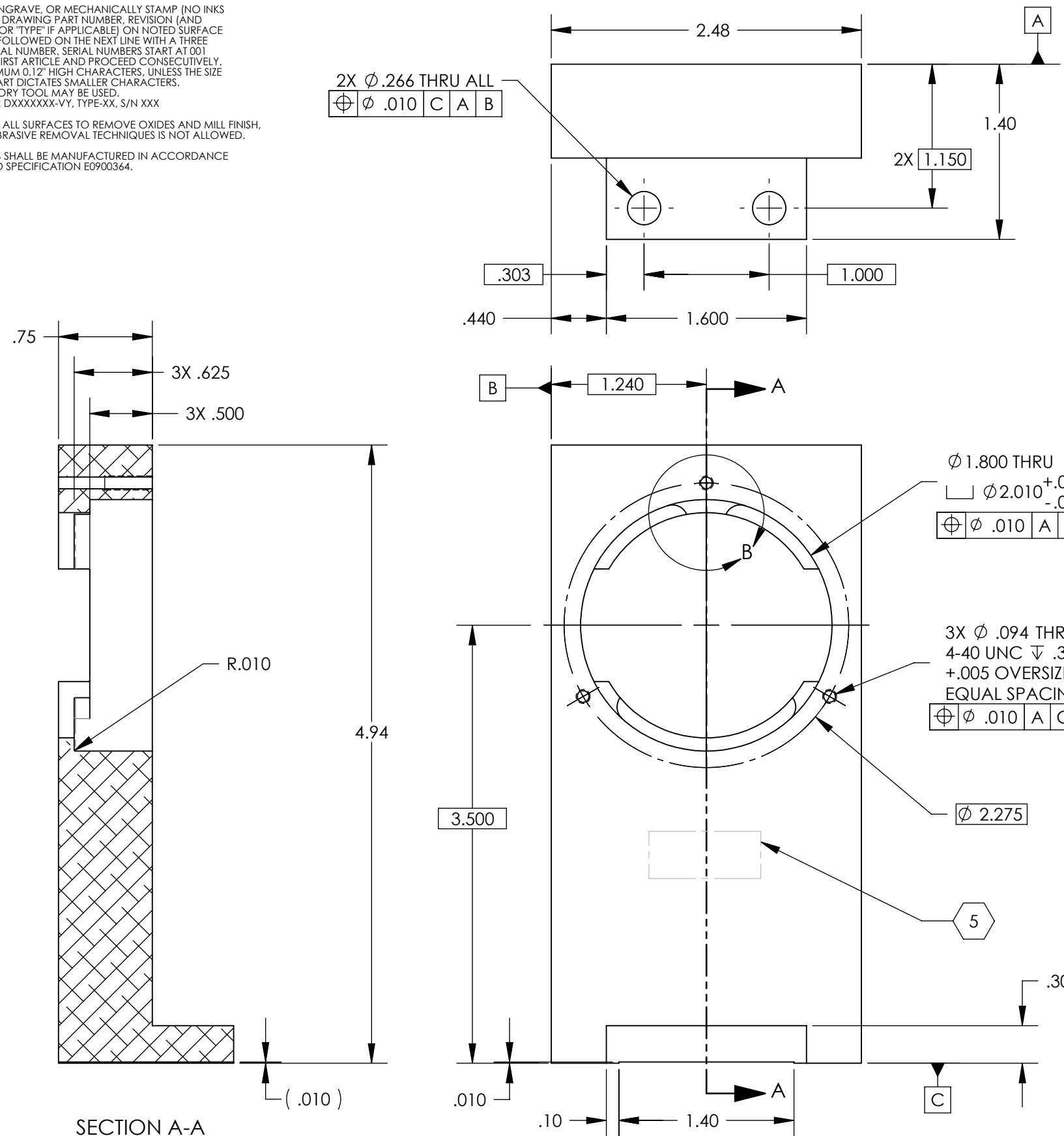
A

D

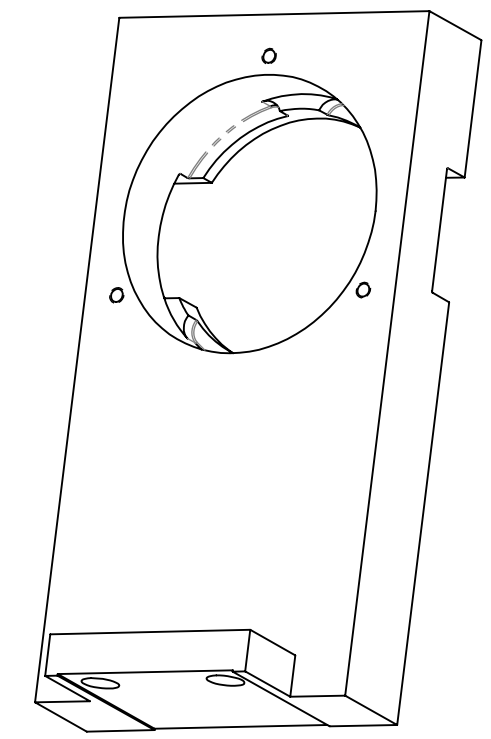
C

B

A



3X DETAIL B
SCALE 2 : 1
(EQUALLY SPACED)



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± 0.5°				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 6061-T6 Al		FINISH 63 μinch		SYSTEM ADVANCED LIGO SUB-SYSTEM AOS		DESIGNER DRAFTER N.Nguyen 10 FEB 2010 CHECKER APPROVAL	
NEXT ASSY D0900440				SIZE DWG. NO. B D0900439		REV. v3	
				SCALE: 1:1 PROJECTION:		SHEET 1 OF 2	

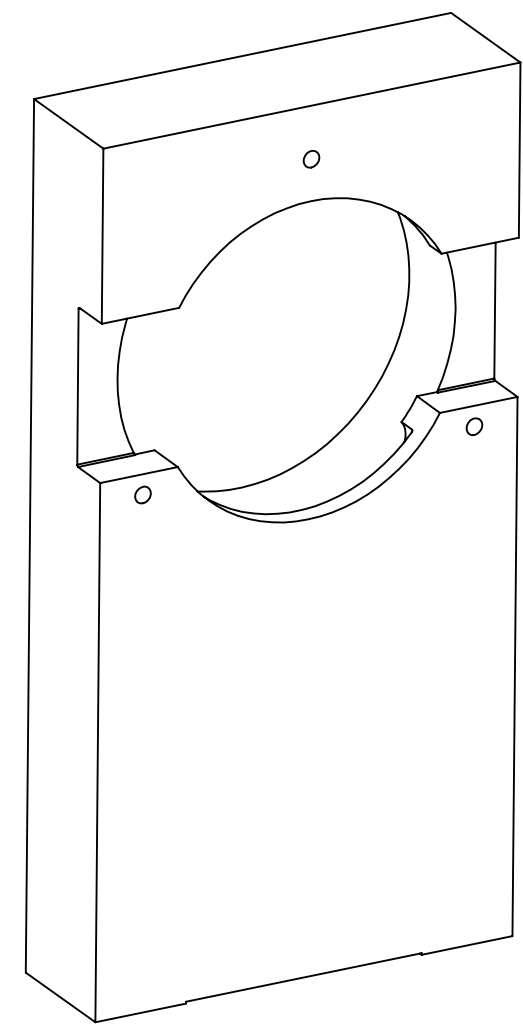
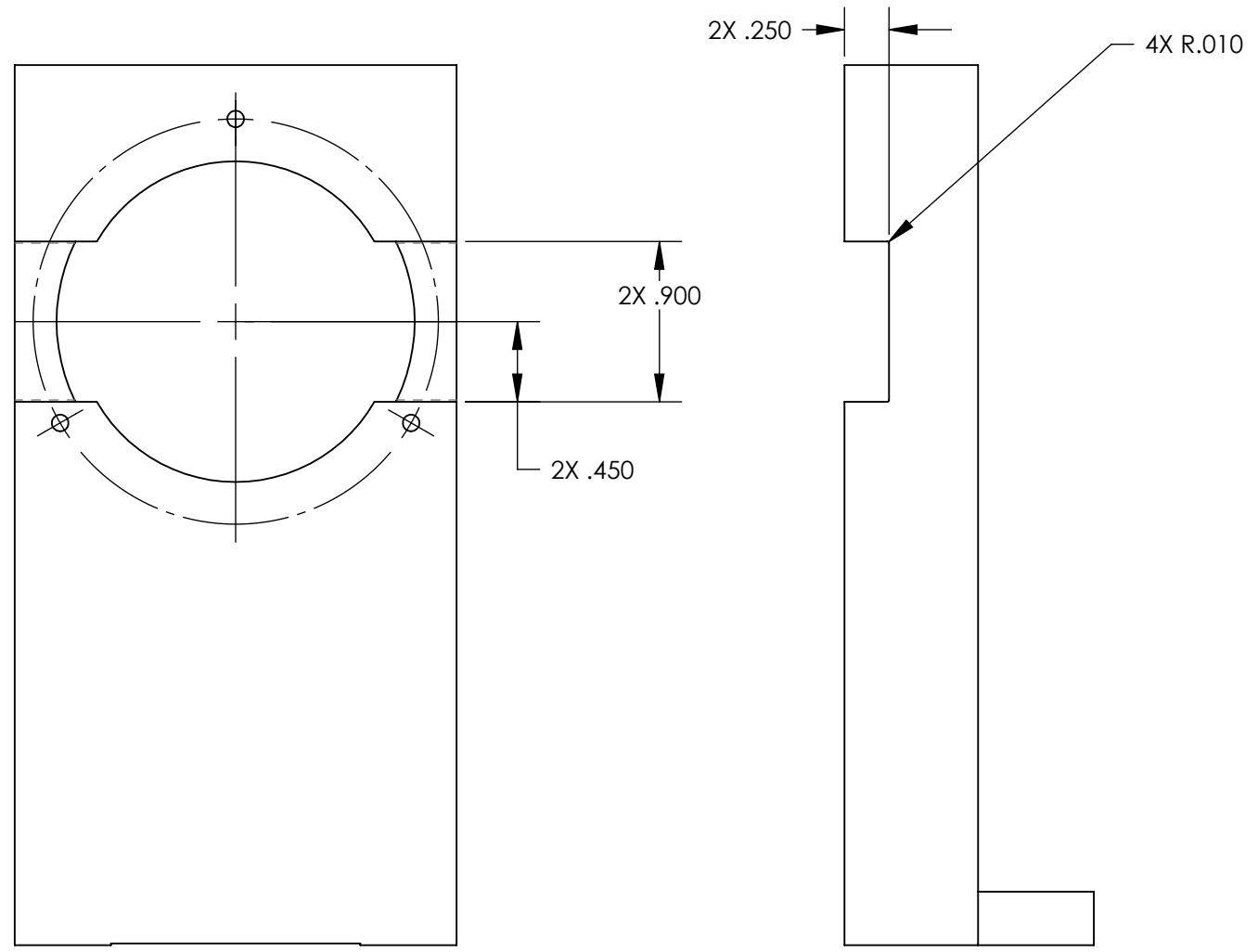
8 7 6 5 4 3 2 1



D0900439_AcLIGO_AOS_D0900440_TFP Polarizer Plate, PART PDM REV: X-017, DRAWING PDM REV: X-024

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	REV. v3
PROJECTION: 	SHEET 2 OF 2

8 7 6 5 4 3 2 1