

D0900439\_AdlIGO\_AOS\_D0900440\_TFP Polarizer Plate, PART PDM REV: X-012, DRAWING PDM REV: X-018

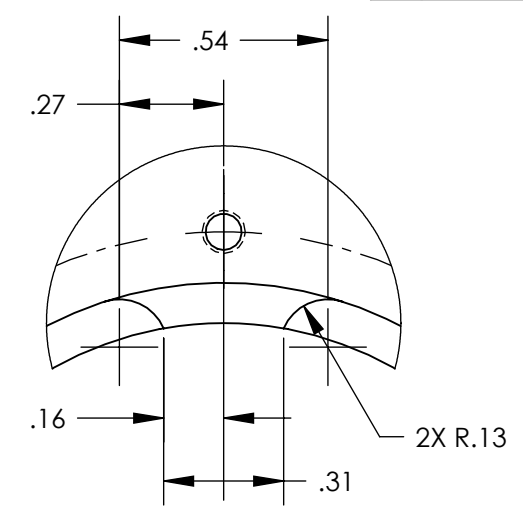
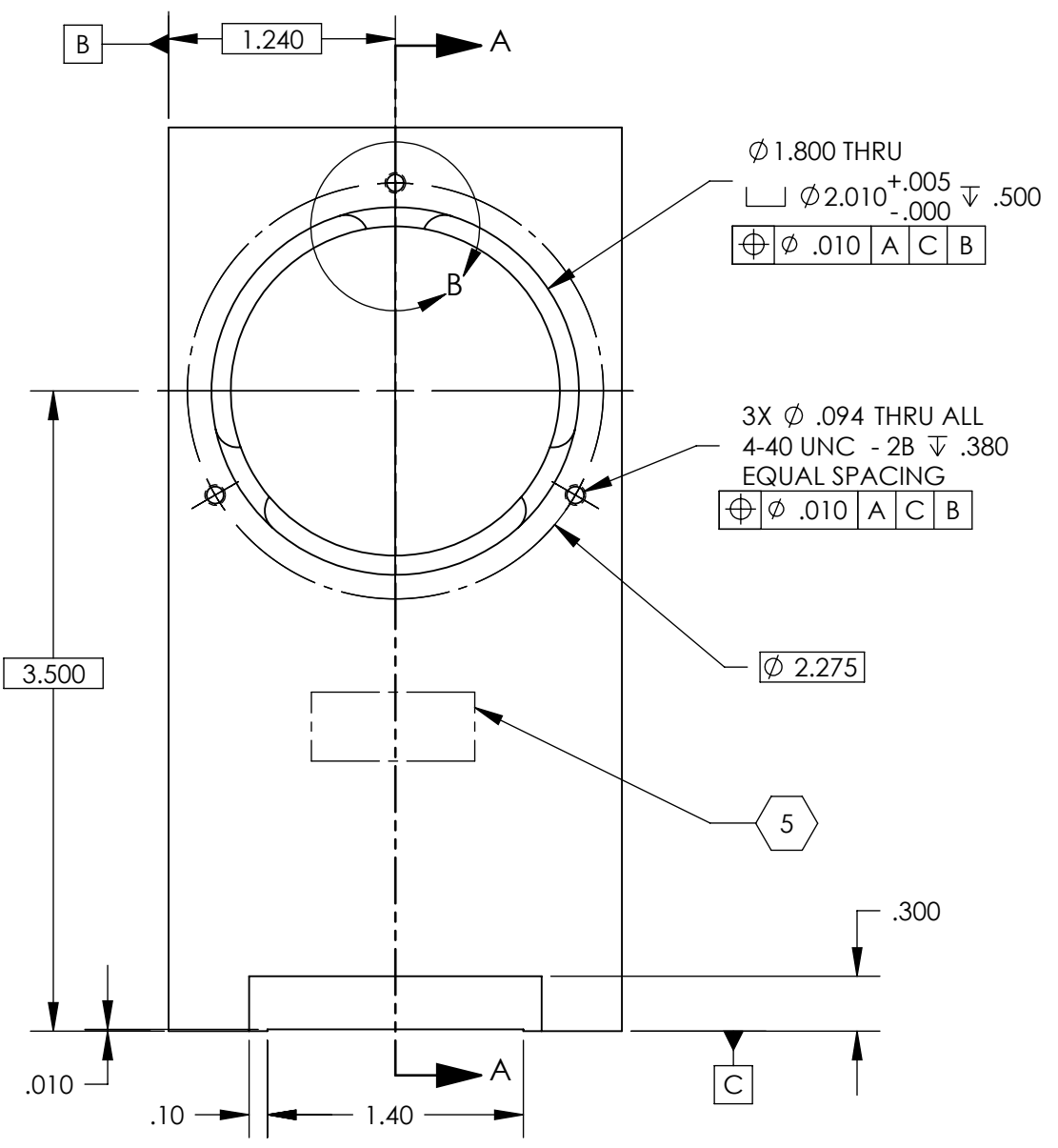
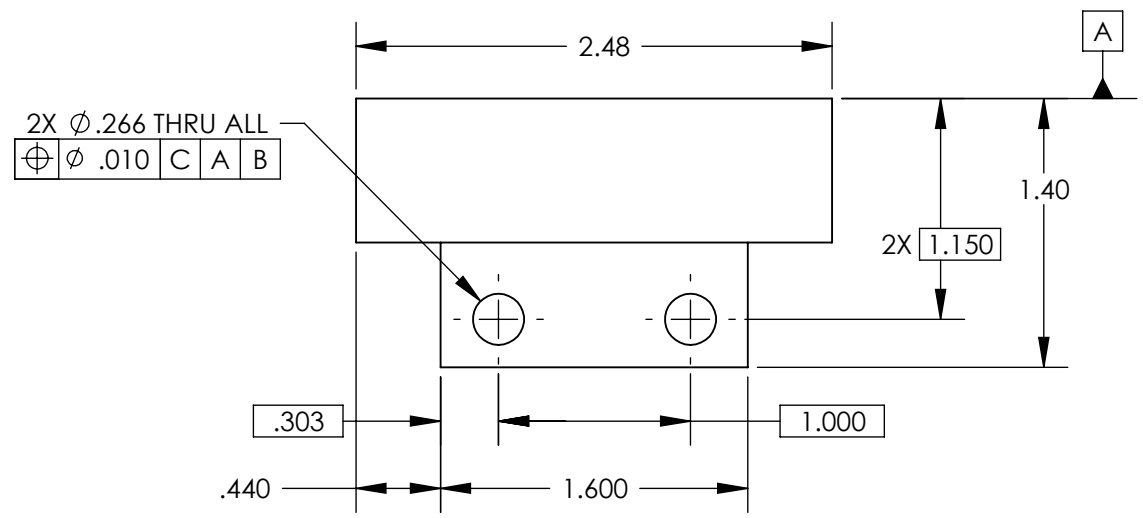
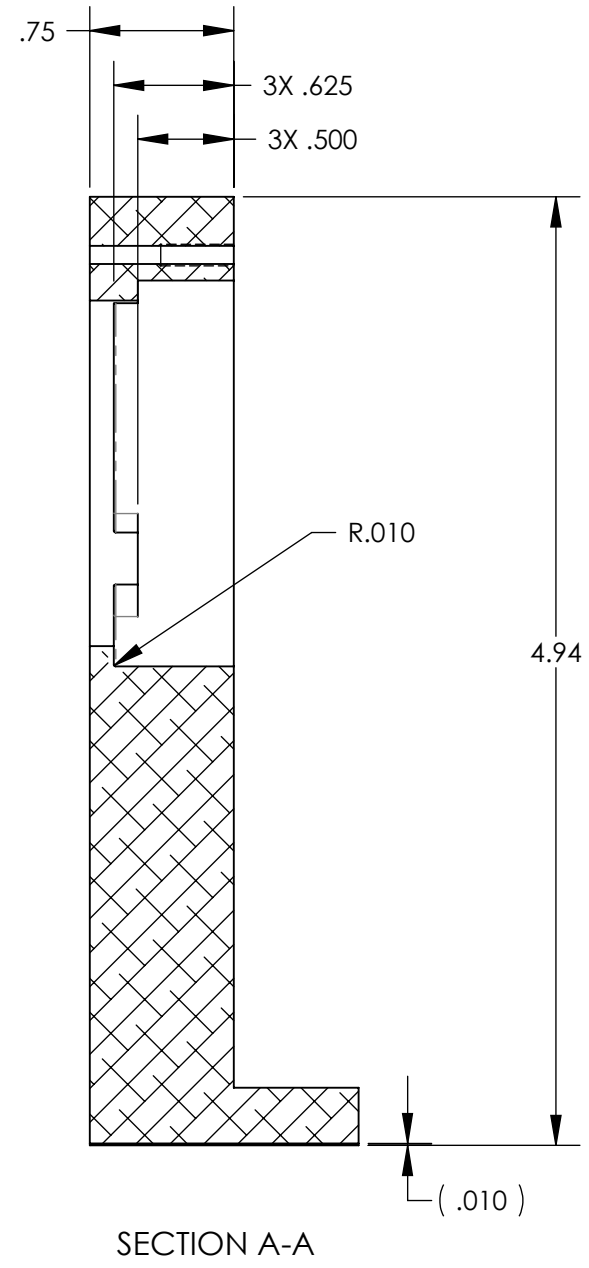
**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. 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.

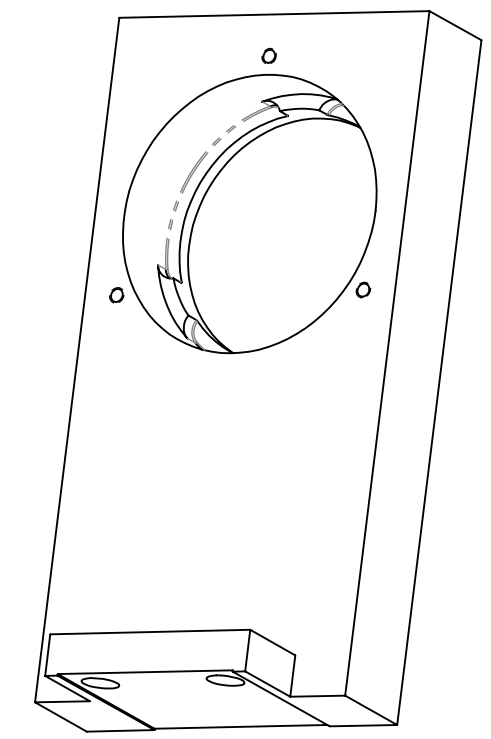
REV.	DATE	DCN #	DRAWING TREE #
v1	08 OCT 2010	E1000563	

D  
C  
B  
A

D  
C  
B  
A



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



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± 0.5°	
MATERIAL	6061-T6 Al
FINISH	63 μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
ADVANCED LIGO		TFP POLARIZER PLATE	
DESIGNER	N. Nguyen	DATE	10 FEB 2010
DRAFTER		SIZE	B
CHECKER		DWG. NO.	D0900439
APPROVAL		REV.	v1
NEXT ASSY		SCALE:	1:1
D0900440		PROJECTION:	
		SHEET 1 OF 1	

8 7 6 5 4 3 2 1