

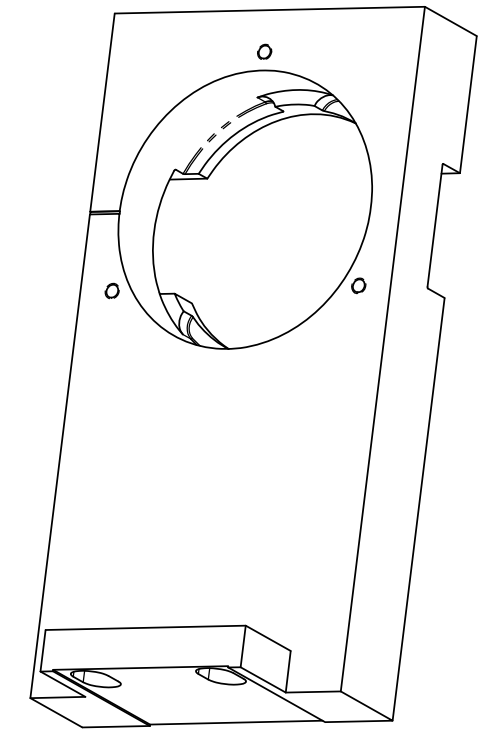
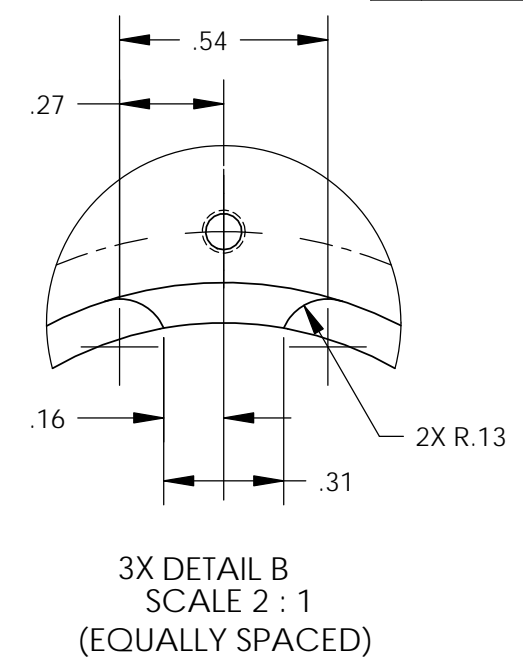
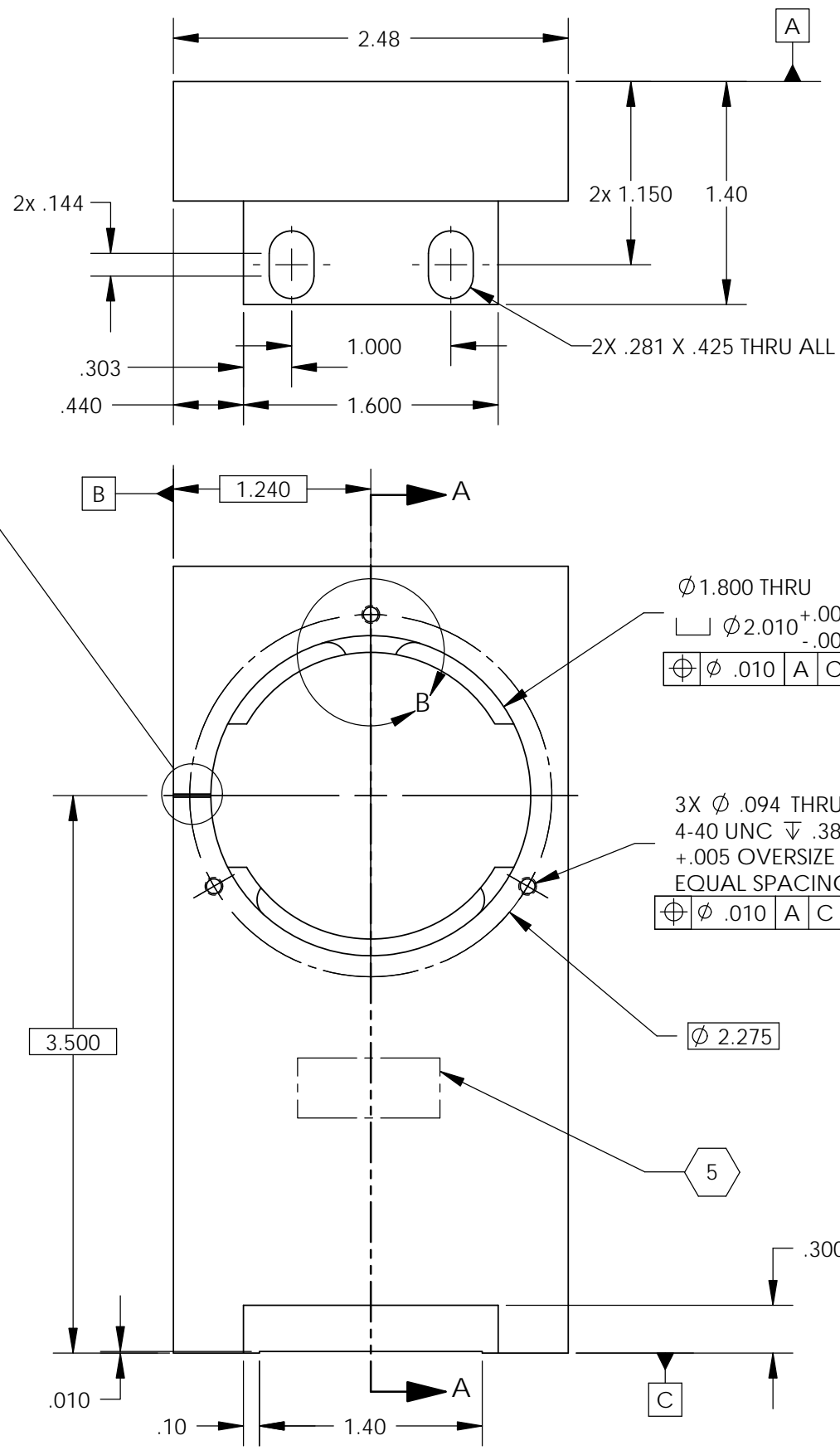
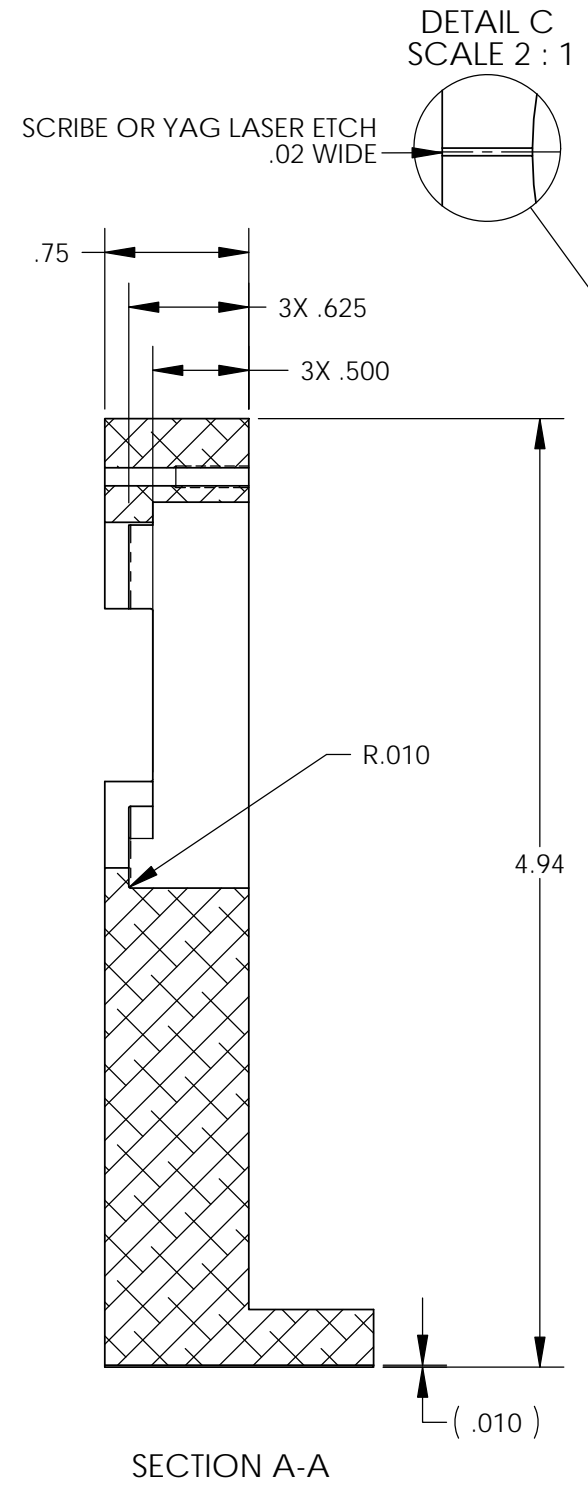
D0900439\_AdlIGO\_AOS\_D0900440\_TFP Polarizer Plate, PART PDM REV: X-021, DRAWING PDM REV: X-026

**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	
v5	1/14/2016	E1600018	

D  
C  
B  
A

D  
C  
B  
A



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.015 .XXX ± 0.005	
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.	
MATERIAL	FINISH
6061-T6 Al	63 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
ADVANCED LIGO		TFP POLARIZER PLATE	
DESIGNER	N.Nguyen	10 FEB 2010	SIZE
DRAFTER	F.Matichard	14 JAN 2016	DWG. NO.
CHECKER	J. Miller	14 JAN 2016	B
APPROVAL	L. Barsotti	14 JAN 2016	D0900439
NEXT ASSY		SCALE: 1:1	PROJECTION:
D0900440		SHEET 1 OF 2	
REV.	v5		

8 7 6 5 4 3 2 1

D0900439\_AcLIGO\_AOS\_D0900440\_TFP Polarizer Plate, PART PDM REV: X-021, DRAWING PDM REV: X-026

8 7 6 5 4 3 2 1

D

D

C

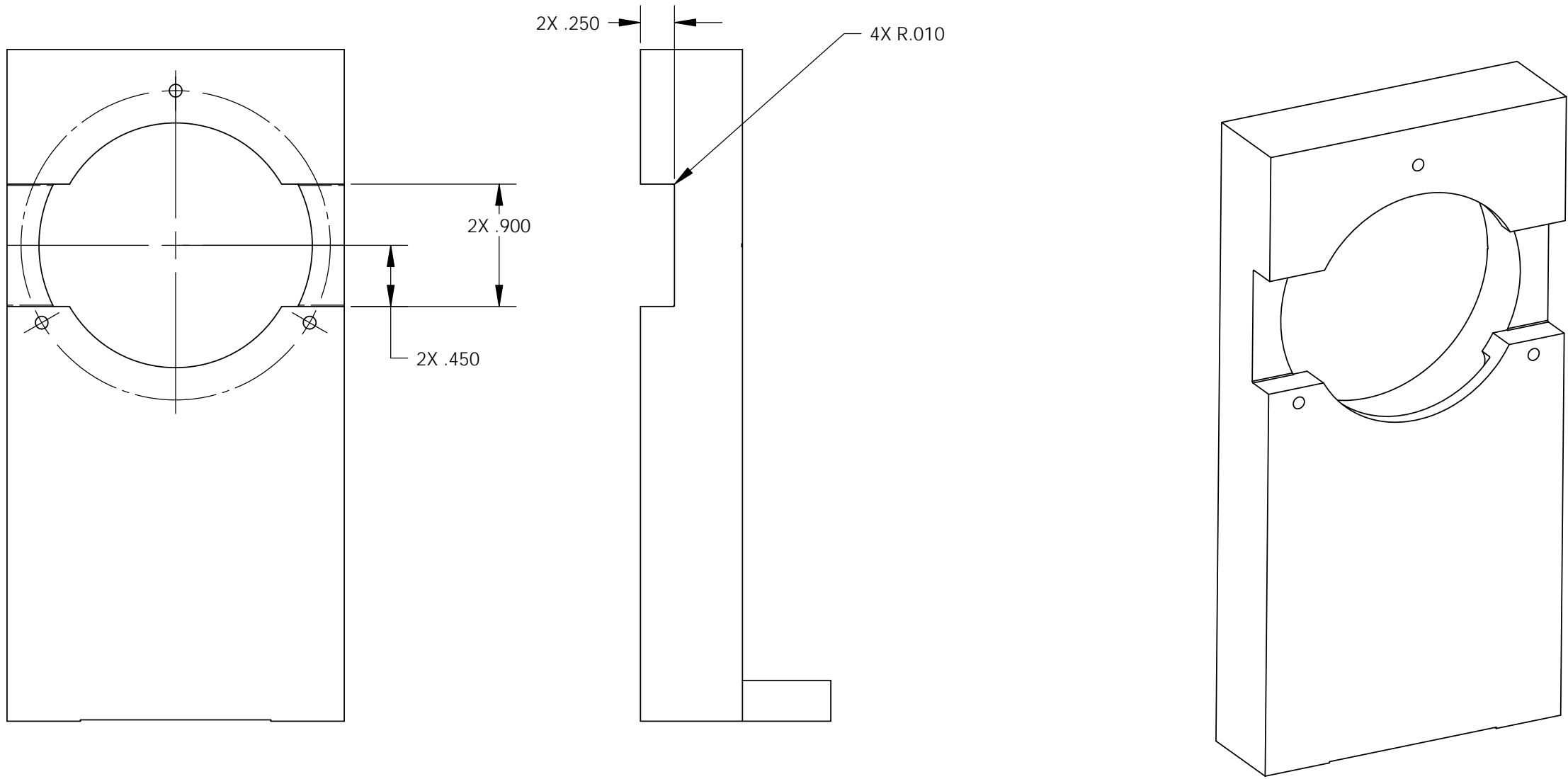
C



B

B

A

A



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

8 7 6 5 4 3 2 1