

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	

D

C

B

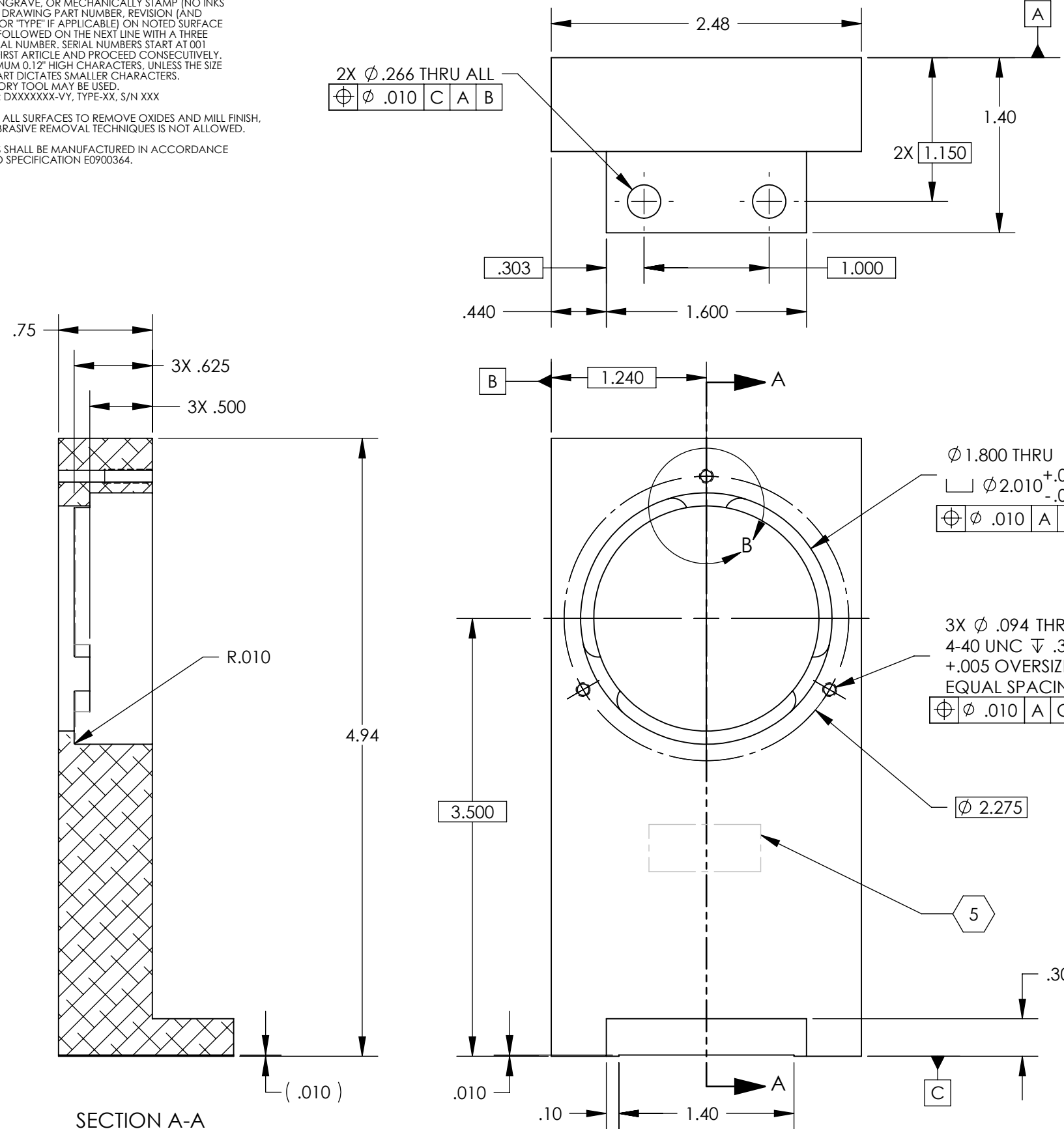
A

D

C

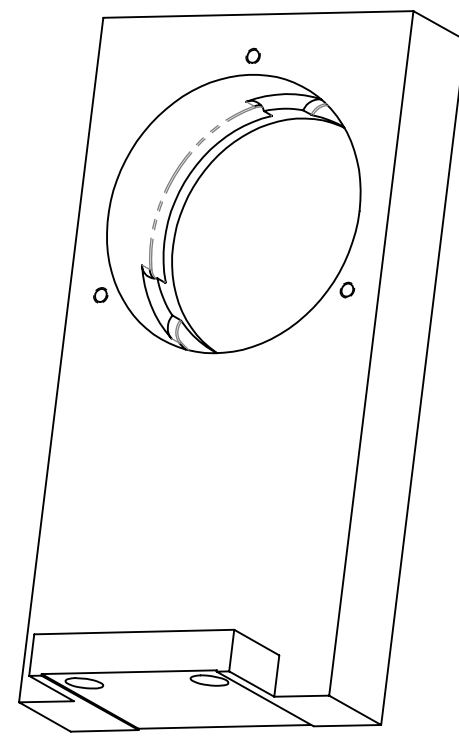
B

A



SECTION A-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	FINISH
6061-T6 Al	63 μinch

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.

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS	
NEXT ASSY		PART NAME	
D0900440		TFP POLARIZER PLATE	
DESIGNER	DRAWN	DATE	REV.
	N.Nguyen	10 FEB 2010	v2
CHECKER	SIZE DWG. NO.		
APPROVAL	B		D0900439
SCALE: 1:1		PROJECTION:	
		SHEET 1 OF 1	

D0900439_AdlIGO_AOS_D0900440_TFP Polarizer Plate, PART PDM REV: X-015, DRAWING PDM REV: X-021