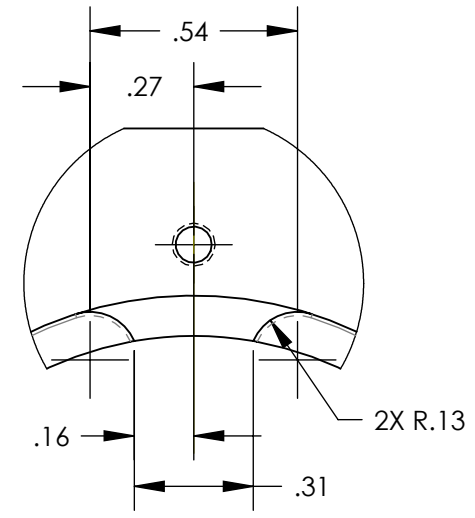
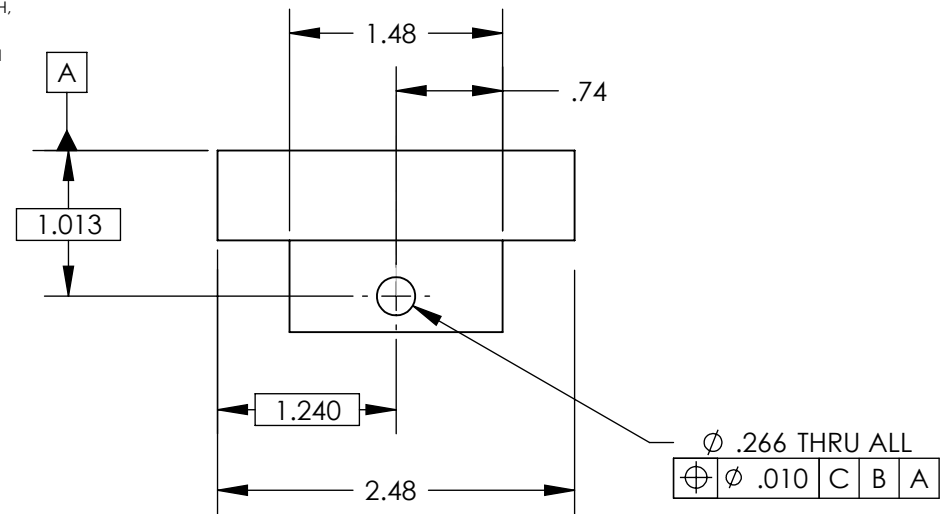


D1001966_ALIGO_AOS_D1001964_Fixed Mirror Mount, PART PDM REV: X-000, DRAWING PDM REV: X-004

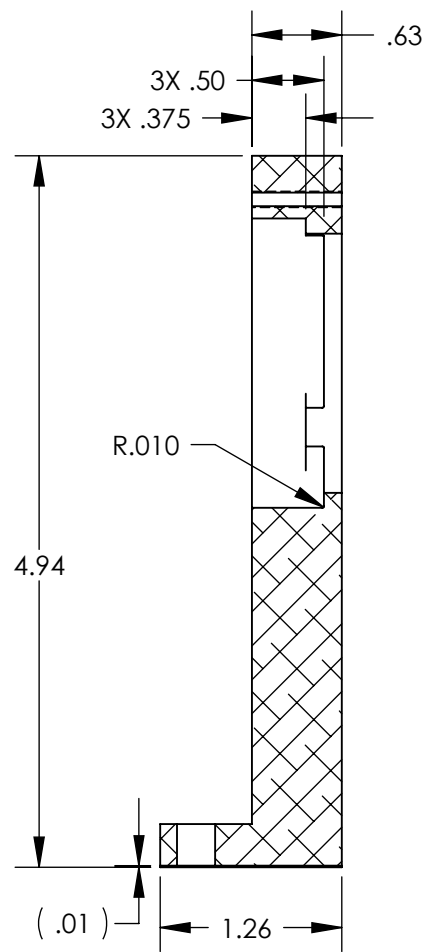
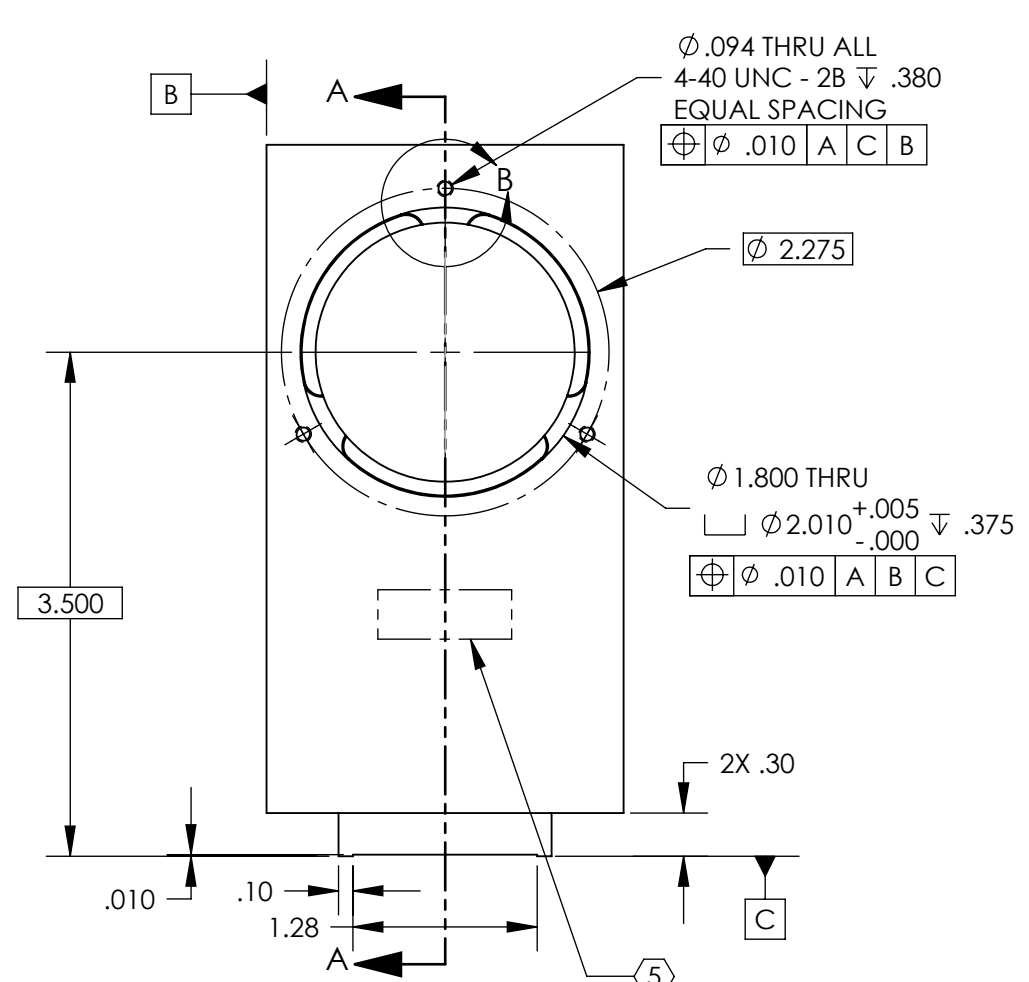
NOTES CONTINUED:
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY.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

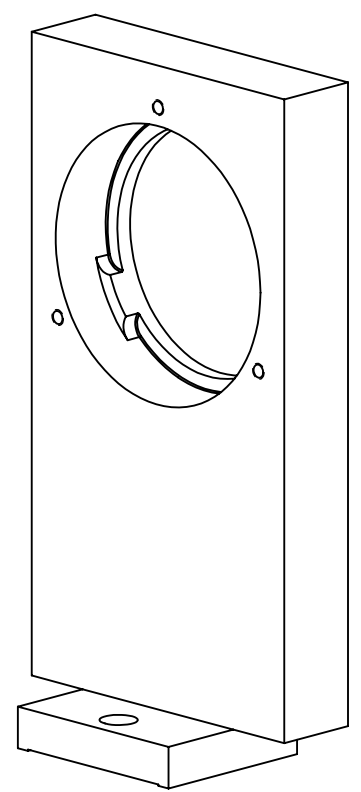
7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.



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



SECTION A-A



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

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± .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.		FIXED MIRROR MOUNT	
MATERIAL		FINISH		SYSTEM		SUB-SYSTEM	
6061-T6 Al		63 μinch		ADVANCED LIGO		AOS	
NEXT ASSY				DESIGNER		SIZE DWG. NO.	
D1001965				MRUIZ		B D1001966	
APPROVAL				22 AUG 2010		REV.	
						v1	
				SCALE: 3:4		PROJECTION: SHEET 1 OF 1	