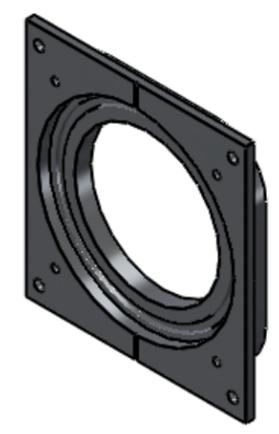
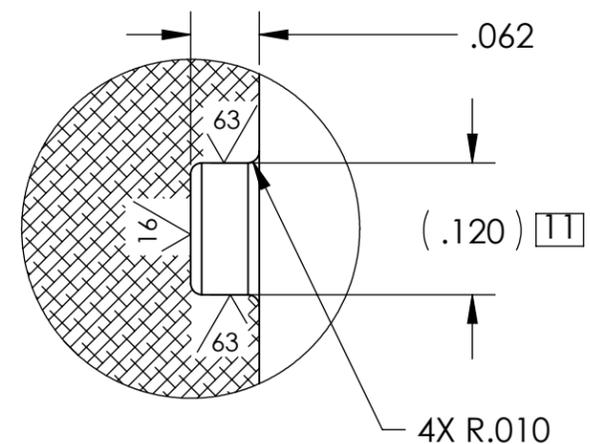
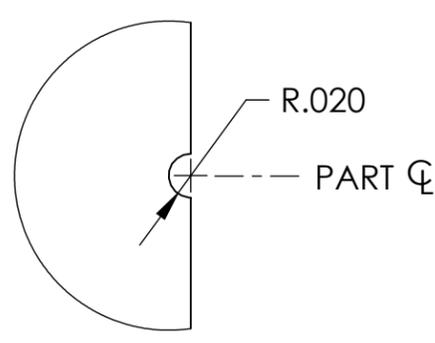
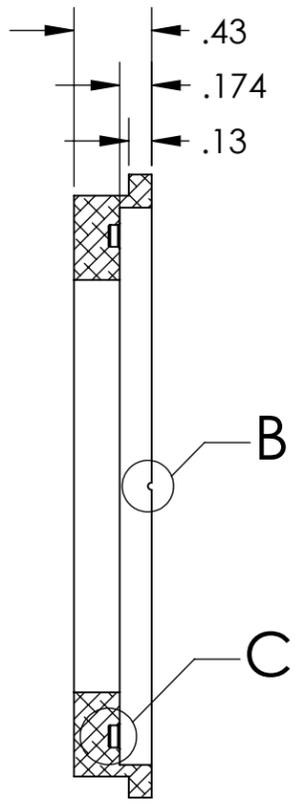
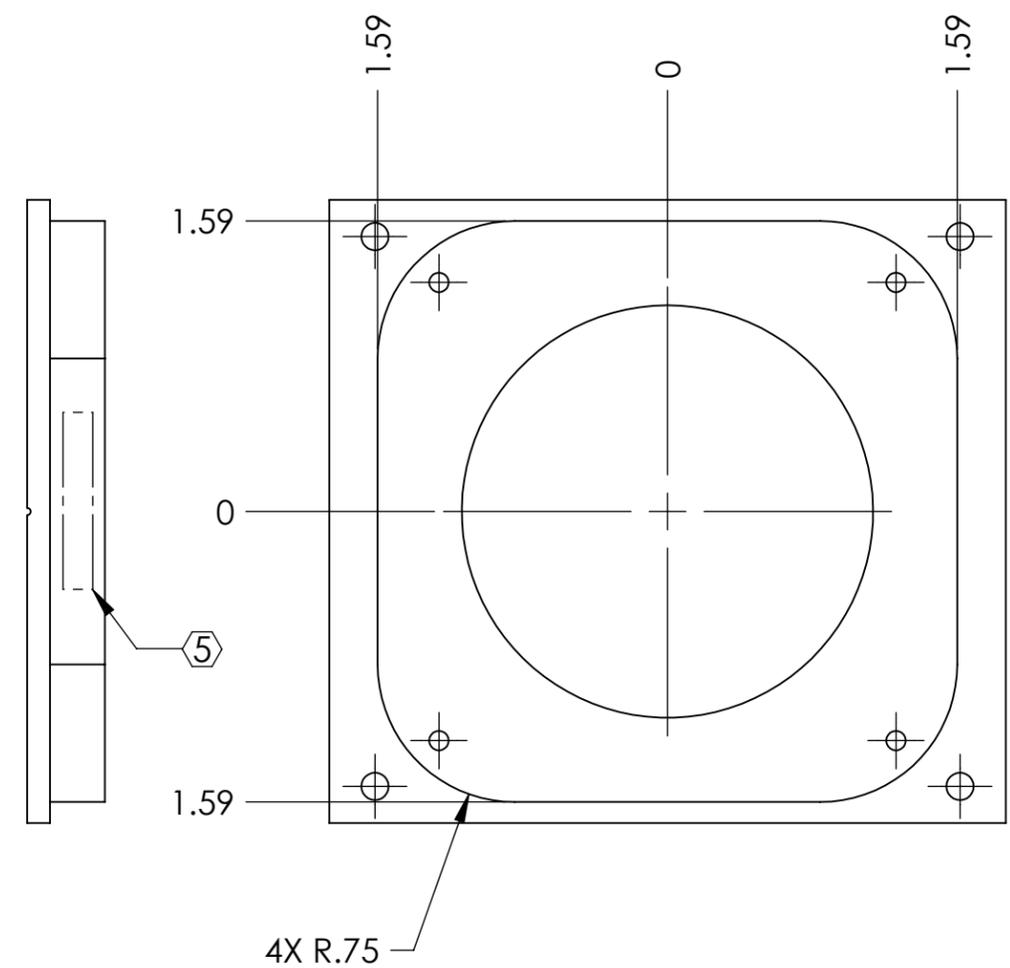
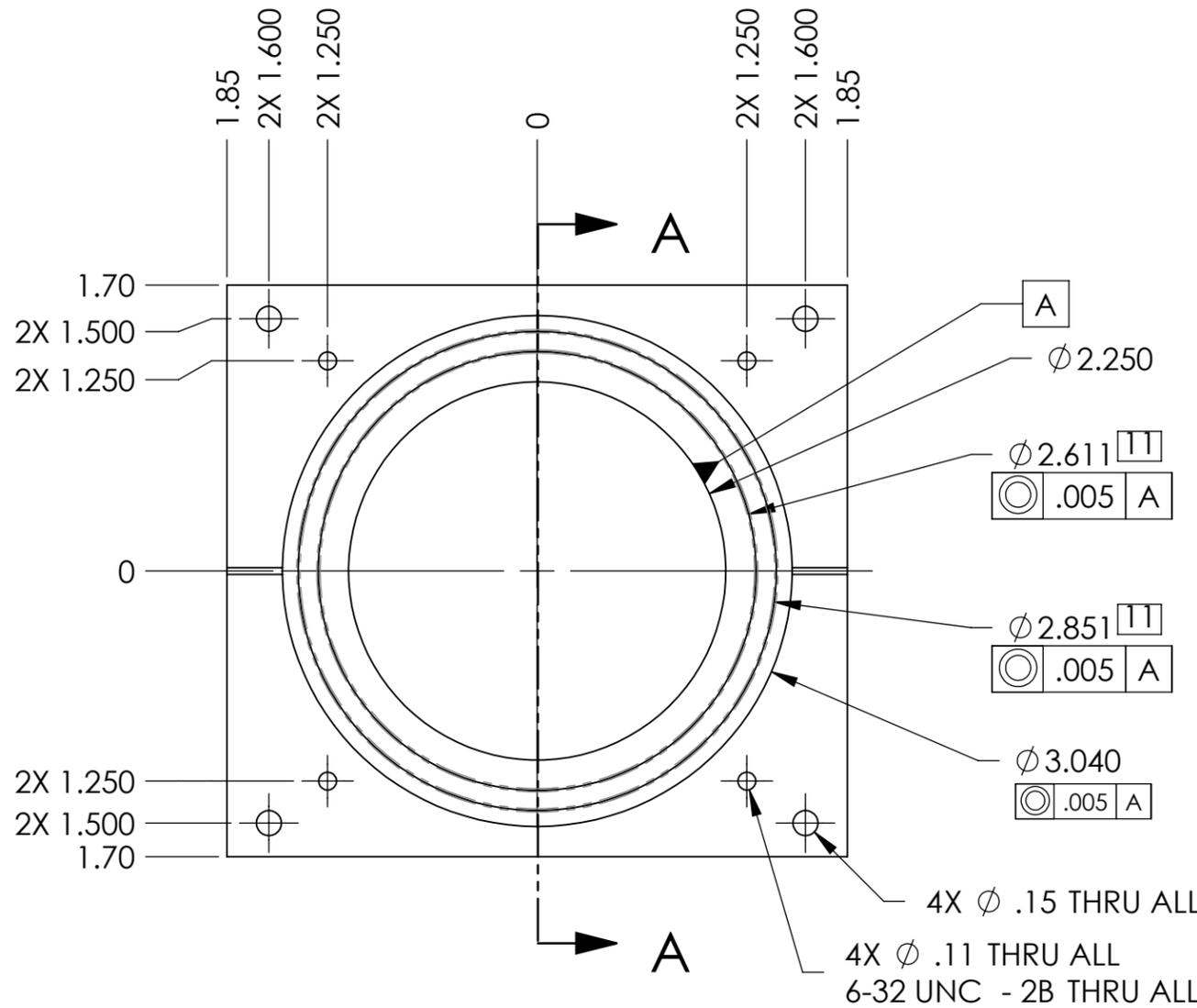


D1003208\_MOUNTING PLATE, CO2P VP COVER, PART PDM REV: X-012, DRAWING PDM REV: X-006

- 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 APPROXIMATE WEIGHT = 0.093 LBS.
  - 7 MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364.
  - 8 ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
  - 9 ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
  - 10 SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
  - 11 REFER TO LIGO-T1100346 FOR FEATURE DESIGN GUIDELINES

REV.	DATE	DCN #	DRAWING TREE #
v1	26 JUL 2011	E1100655-v1	E1100656-v1
-	-	-	-
-	-	-	-



SECTION A-A

DETAIL B SCALE 6:1

DETAIL C SCALE 6:1

ISO VIEW SCALE 1:2

**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX ± .01  
 .XXX ± .005  
 ANGULAR ± 0.5°

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.  
 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: 6061 Alloy  
 FINISH: 63  $\mu$ inch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS		MOUNTING PLATE, CO2P VP COVER	
DESIGNER: A. COLE	02 DEC 2010	SIZE DWG. NO. B	D1003208
DRAFTER: A. LYNCH	15 JUL 2011	REV. v1	
CHECKER: M. JACOBSON	26 JUL 2011	SCALE: 1:1	PROJECTION:
APPROVAL: P. WILLEMS	26 JUL 2011	SHEET 1 OF 1	