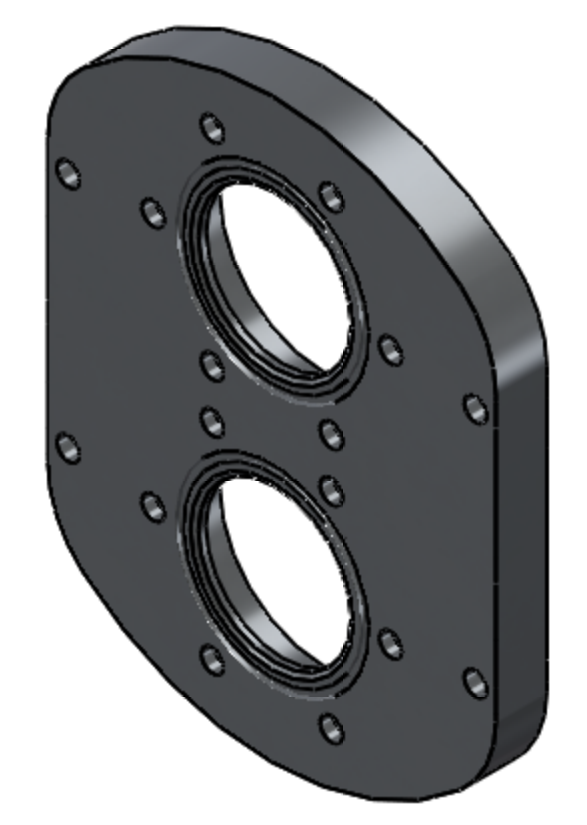


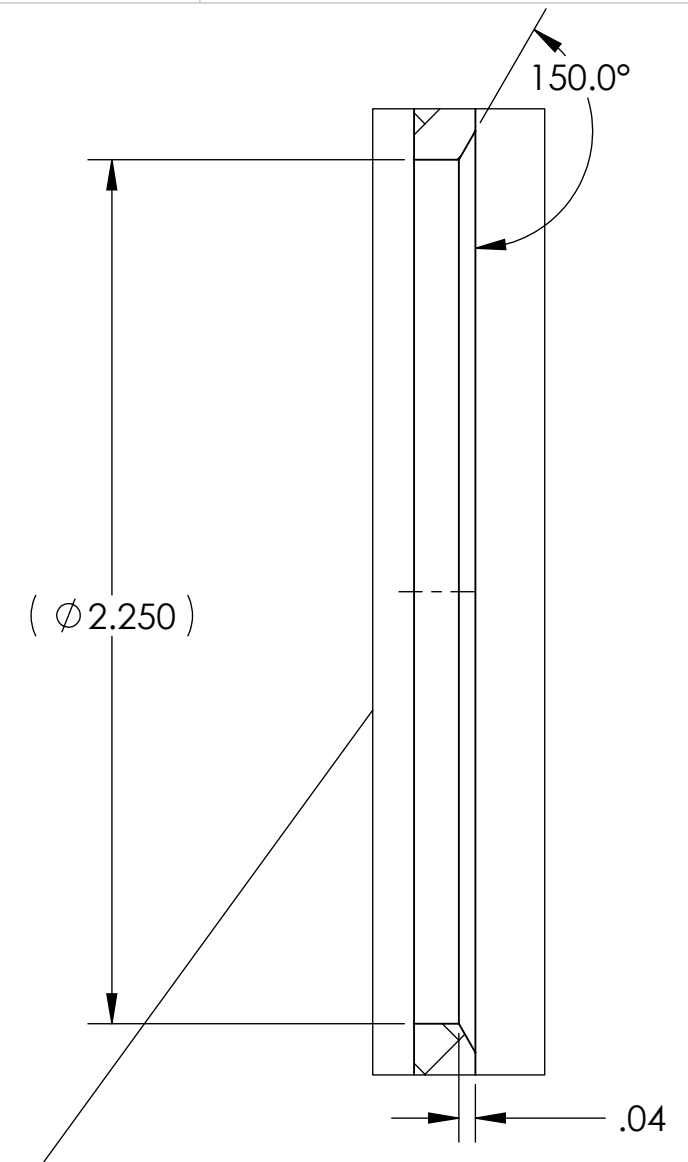
NOTES CONTINUED:
 5) SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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 = 2.58 LB
 - 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.
- REFER TO LIGO-T1100346 FOR FEATURE DESIGN GUIDELINES

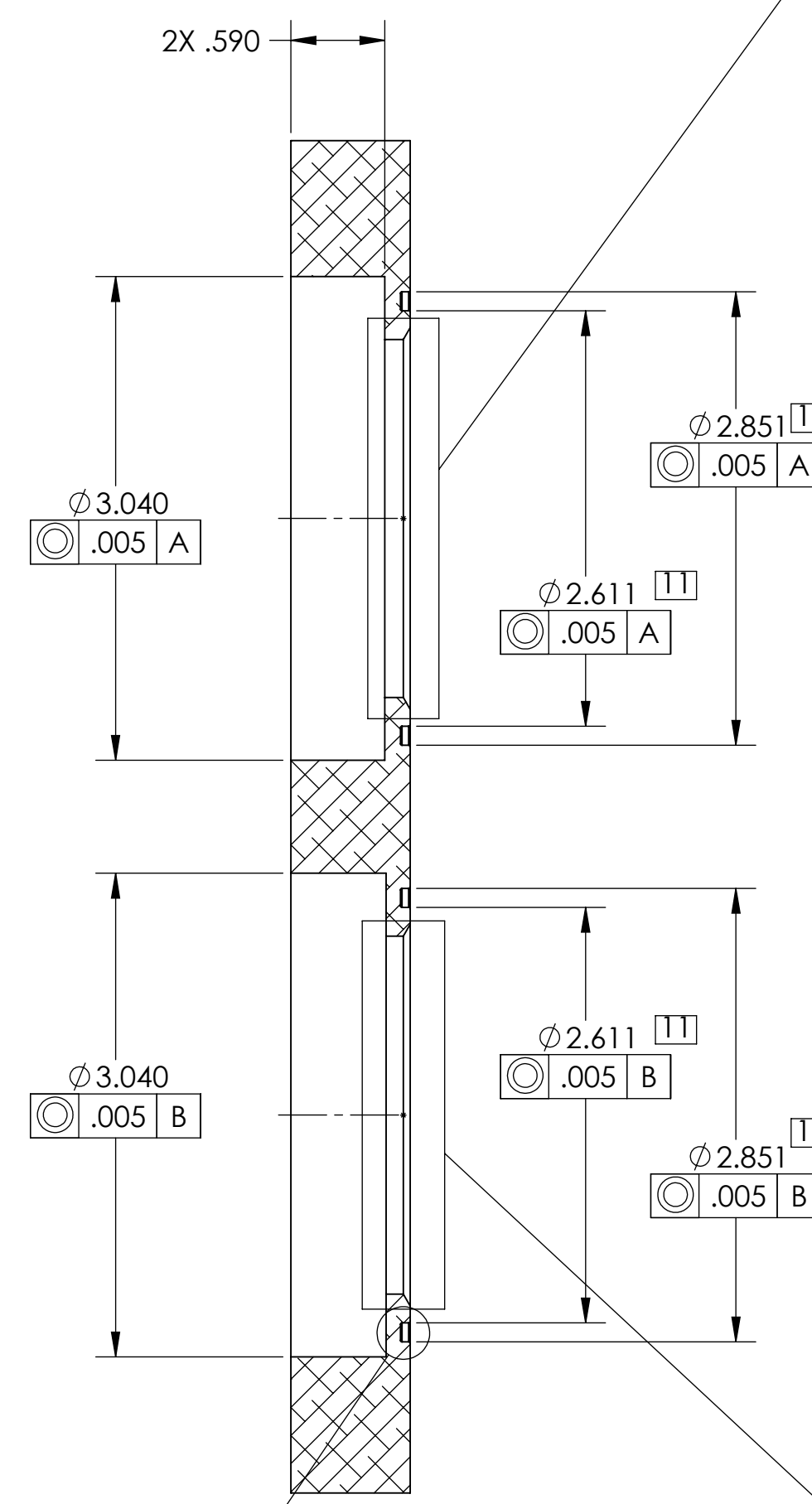
REV.	DATE	DCN #	DRAWING TREE #
v2	26 JUL 2011	E1100655-v1	E1100656-v1



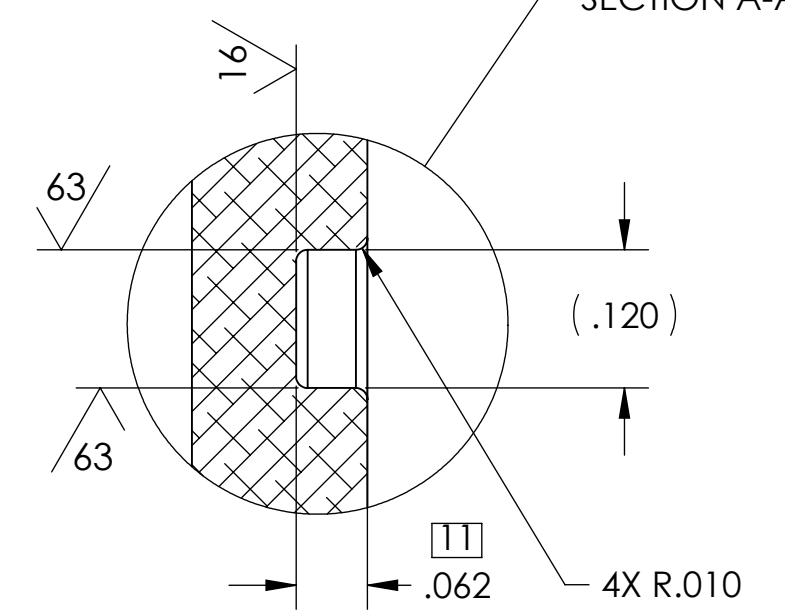
ISO VIEW
SCALE 1:2



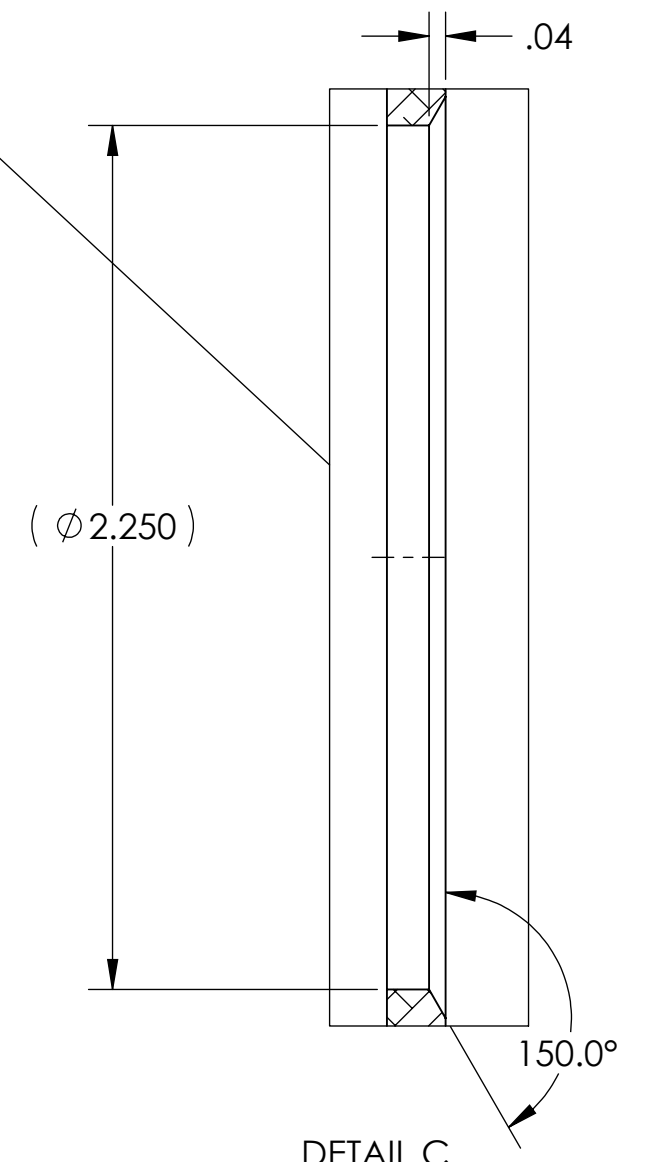
DETAIL A
SCALE 2:1



SECTION A-A



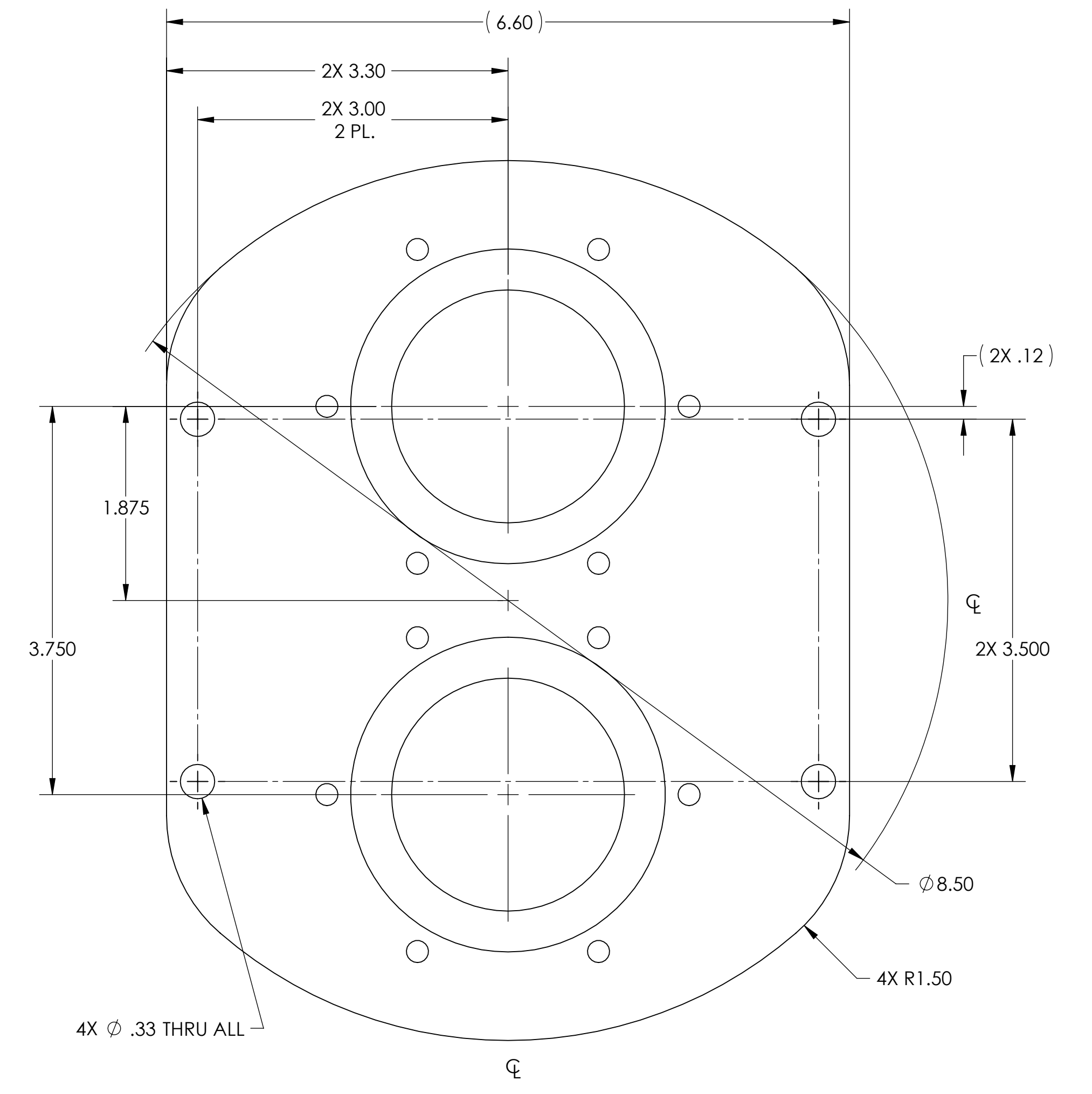
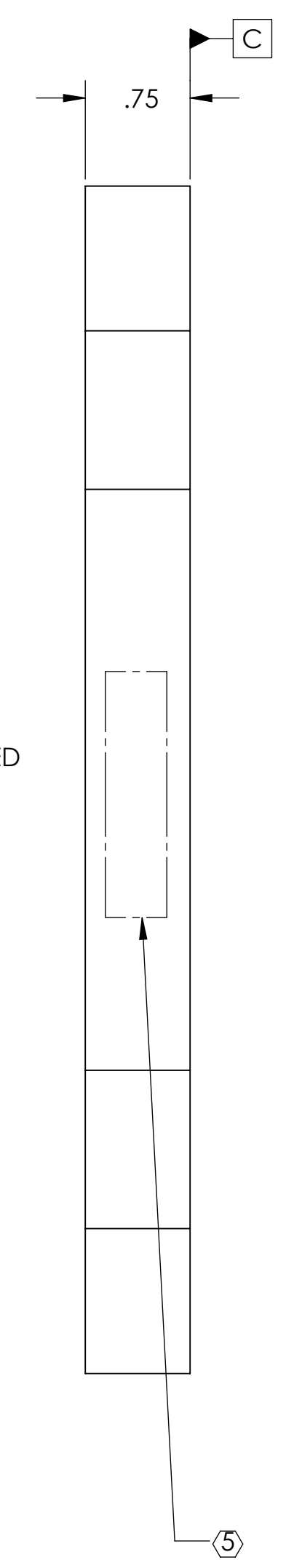
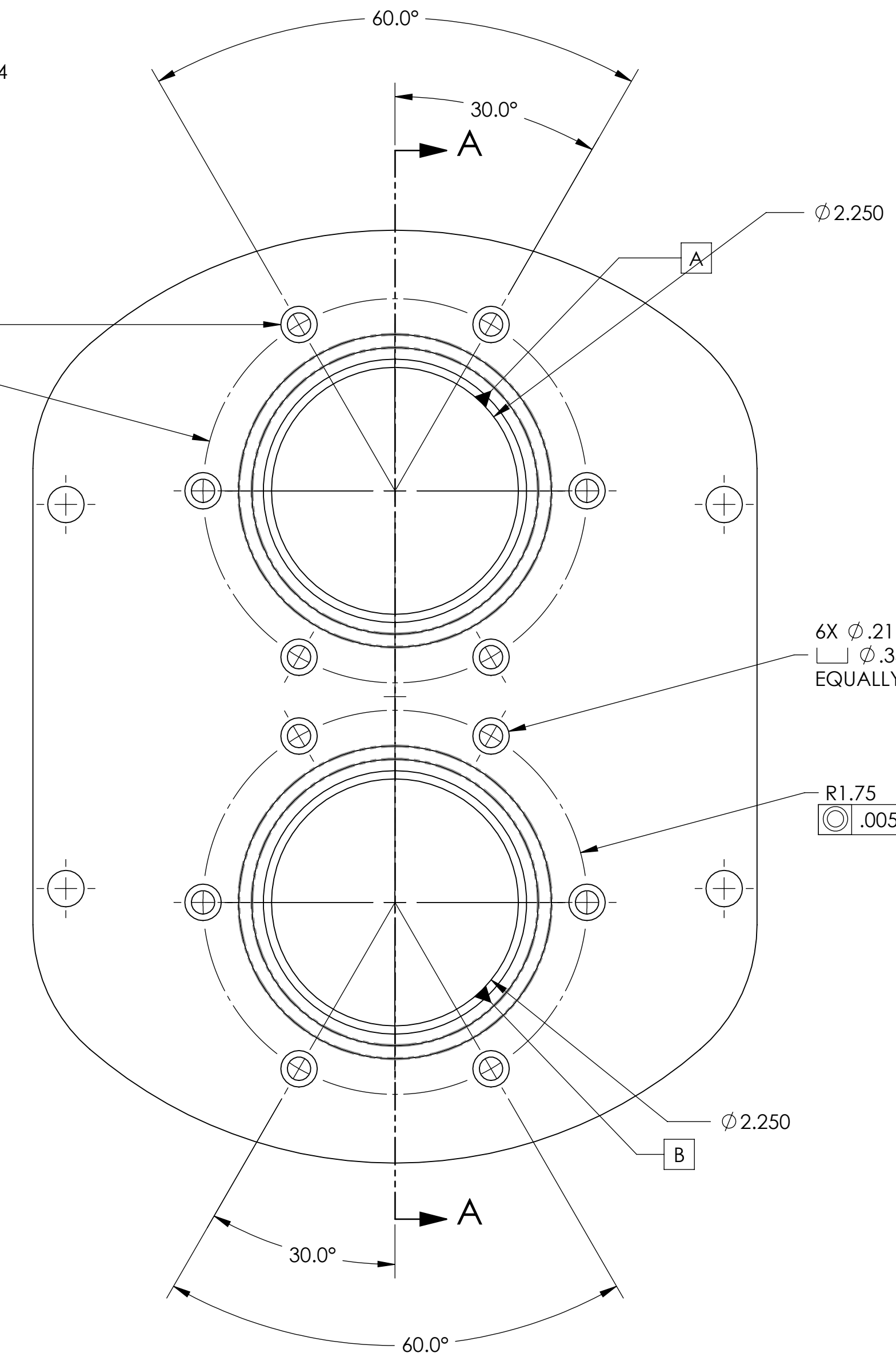
DETAIL B
SCALE 6:1
2 PLCS



DETAIL C
SCALE 2:1

6X \varnothing .21 THRU
 \varnothing .33 ∇ .20
 EQUALLY SPACED
 R1.75
 \varnothing .005 A

6X \varnothing .21 THRU
 \varnothing .33 ∇ .20
 EQUALLY SPACED
 R1.75
 \varnothing .005 B



DIMENSIONS ARE IN INCHES		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		PART NAME	
TOLERANCES: .XX ± .01 .XXX ± .005		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.		CLAMPING FLANGE, CO2P VP ENCLOSURE	
ANGULAR ± 1.0°		MATERIAL: 6061 Alloy		FINISH: 63 μinch	
NEXT ASSY: D1003194		SYSTEM: ADVANCED LIGO		SUB-SYSTEM: AOS	
DESIGNER: A. COLE		CHECKER: M. JACOBSON		APPROVAL: P. WILLEMS	
DATE: 02 DEC 2010		DATE: 26 JUL 2011		DATE: 25 JUL 2011	
SIZE: D		DWG. NO.: D1003209		REV.: v2	
SCALE: 1:1		PROJECTION:		SHEET 1 OF 1	

D:\003209_CLAMPING FLANGE_CO2P VP ENCLOSURE_PART PDM_REV: X.01\A_DRAWING PDM_REV: X.010