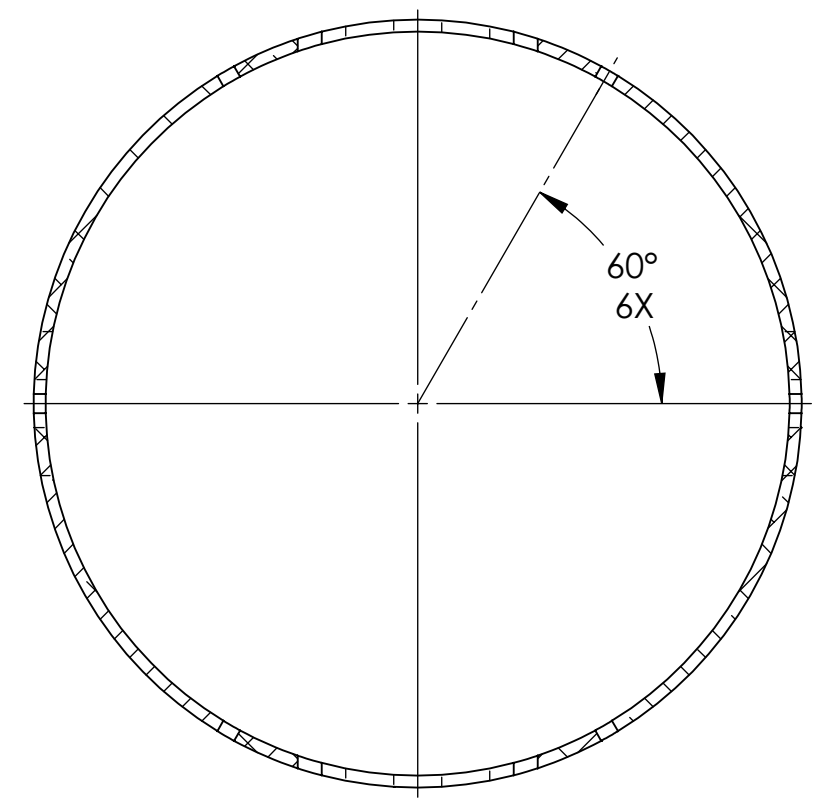
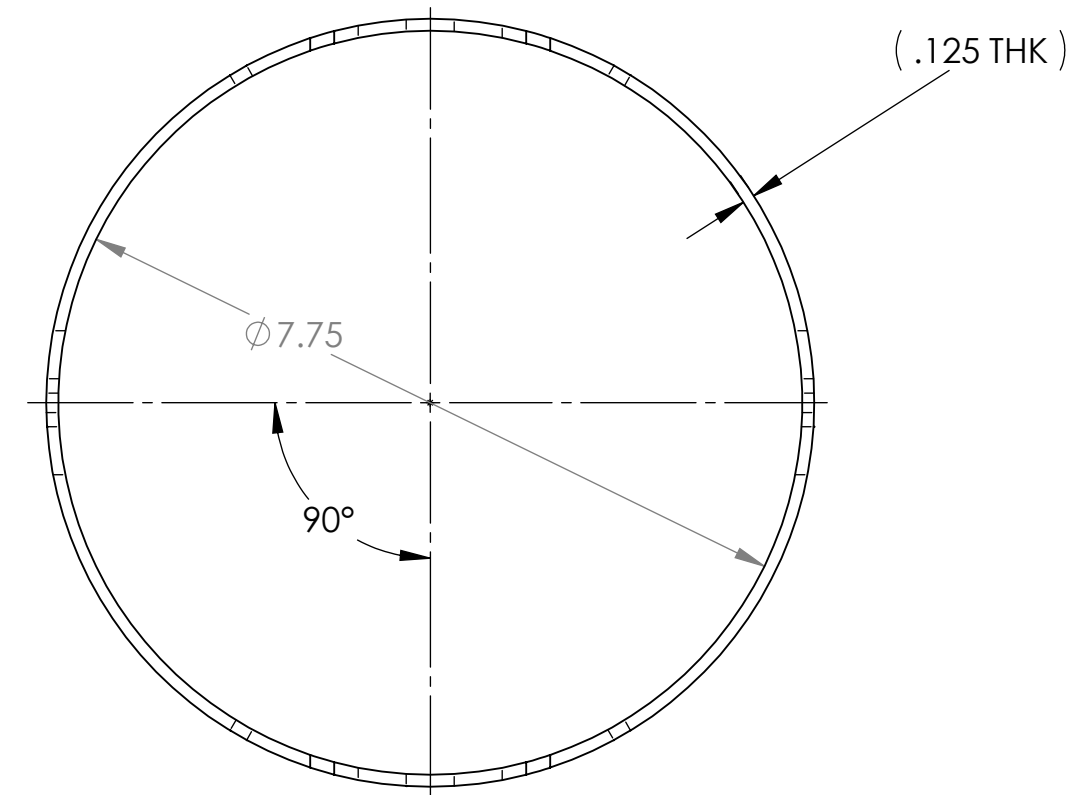
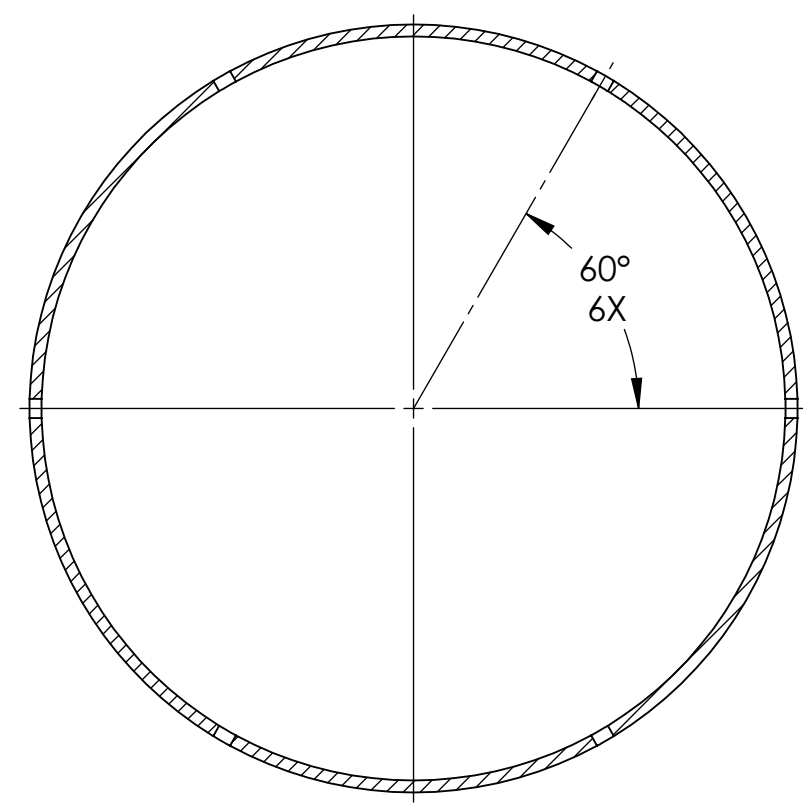


- NOTES: UNLESS OTHERWISE SPECIFIED**
1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES 0.005" TO 0.015".
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.
 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 = 4.713 LB.
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 8. 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.
 9. ELECTROPOLISHING PER E0900364, SECTION 5.2.1.2, TO REMOVE ALL SURFACE OXIDES AND POTENTIALLY EMBEDDED CONTAMINANTS.
 10. SUGGESTING RESOURCE:
COAST ALUMINUM AND ARCM
P/N 818TB61
PHONE: 800-810-6061
FAX: 56-946-4188

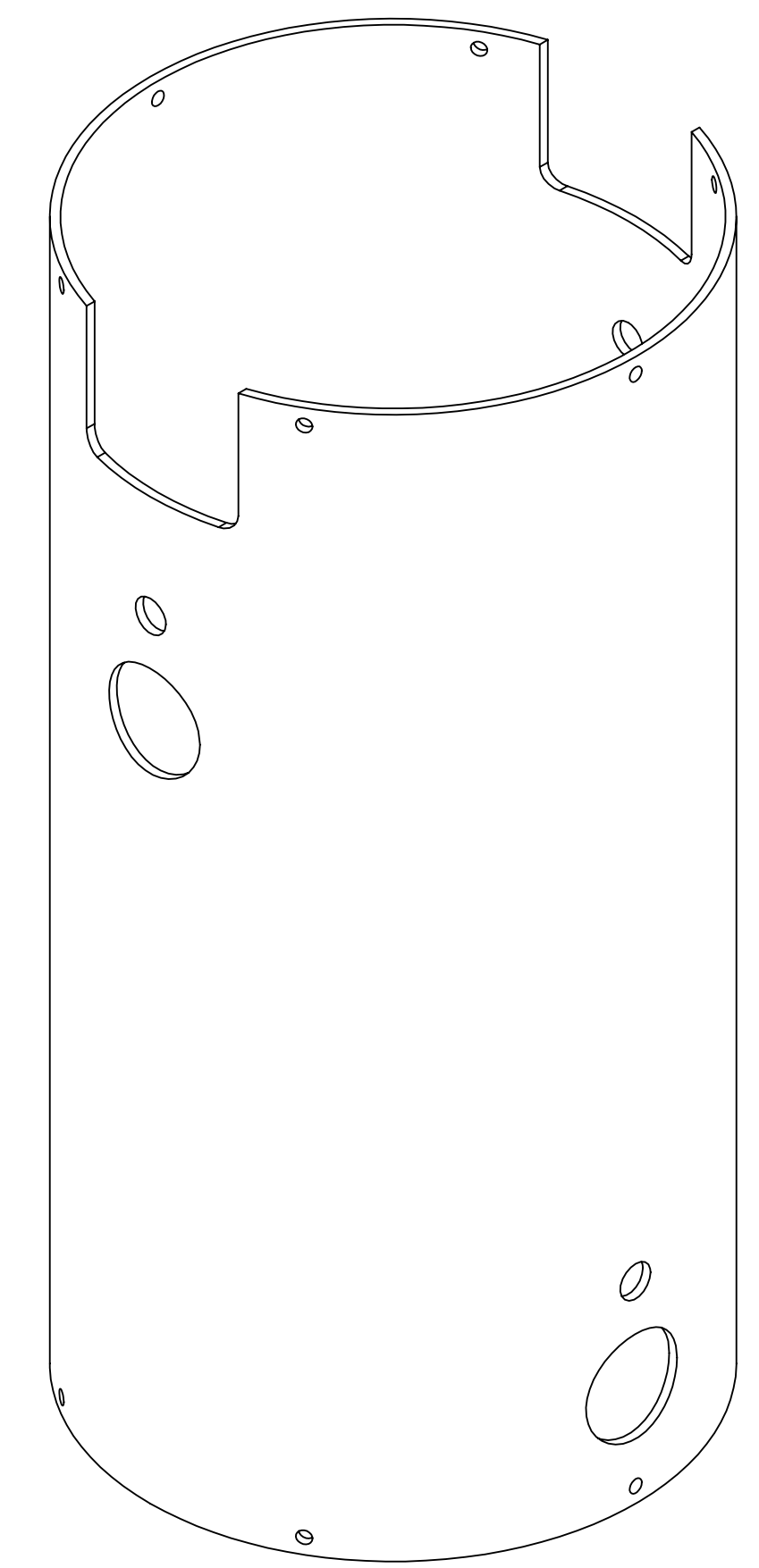
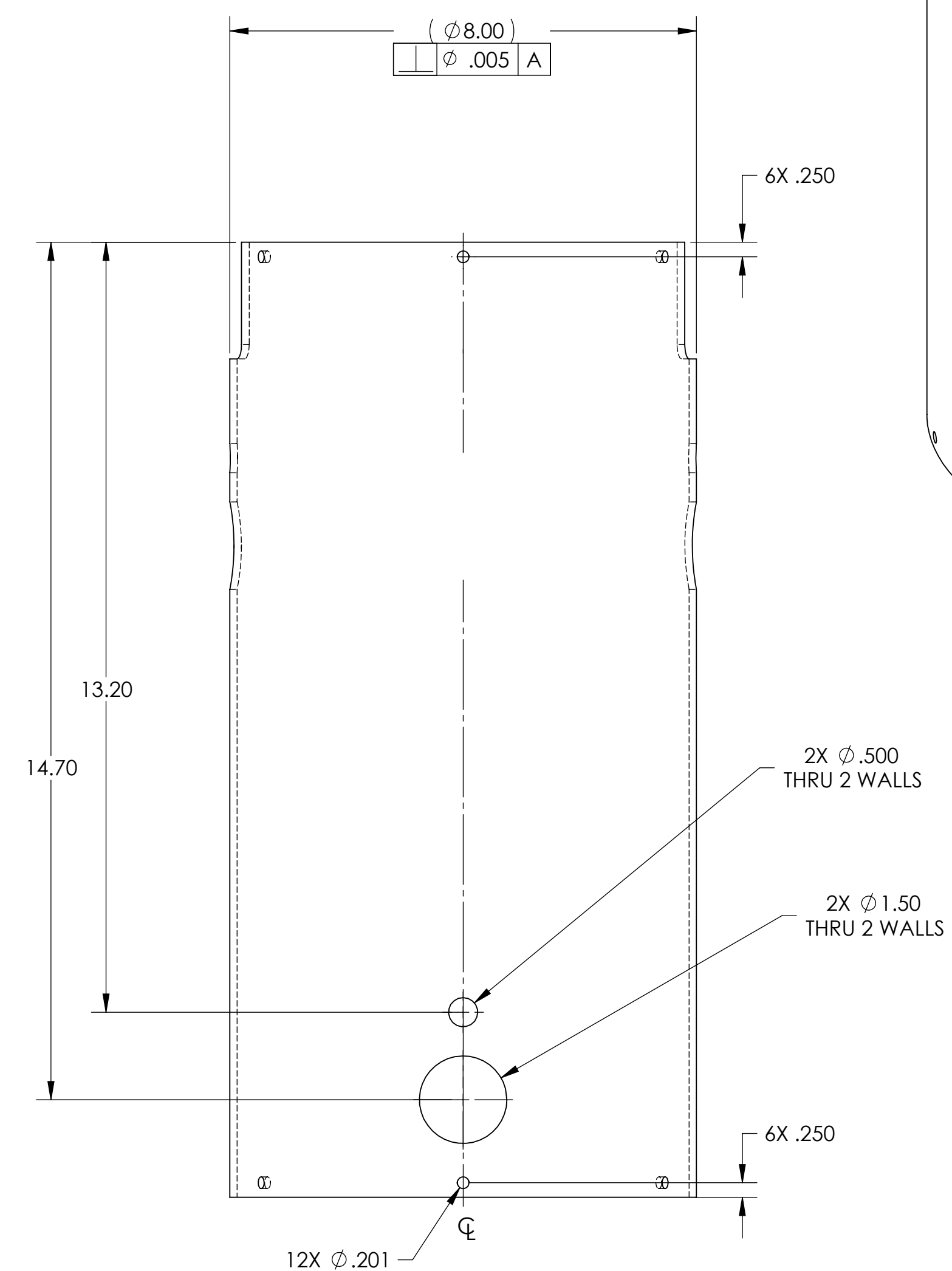
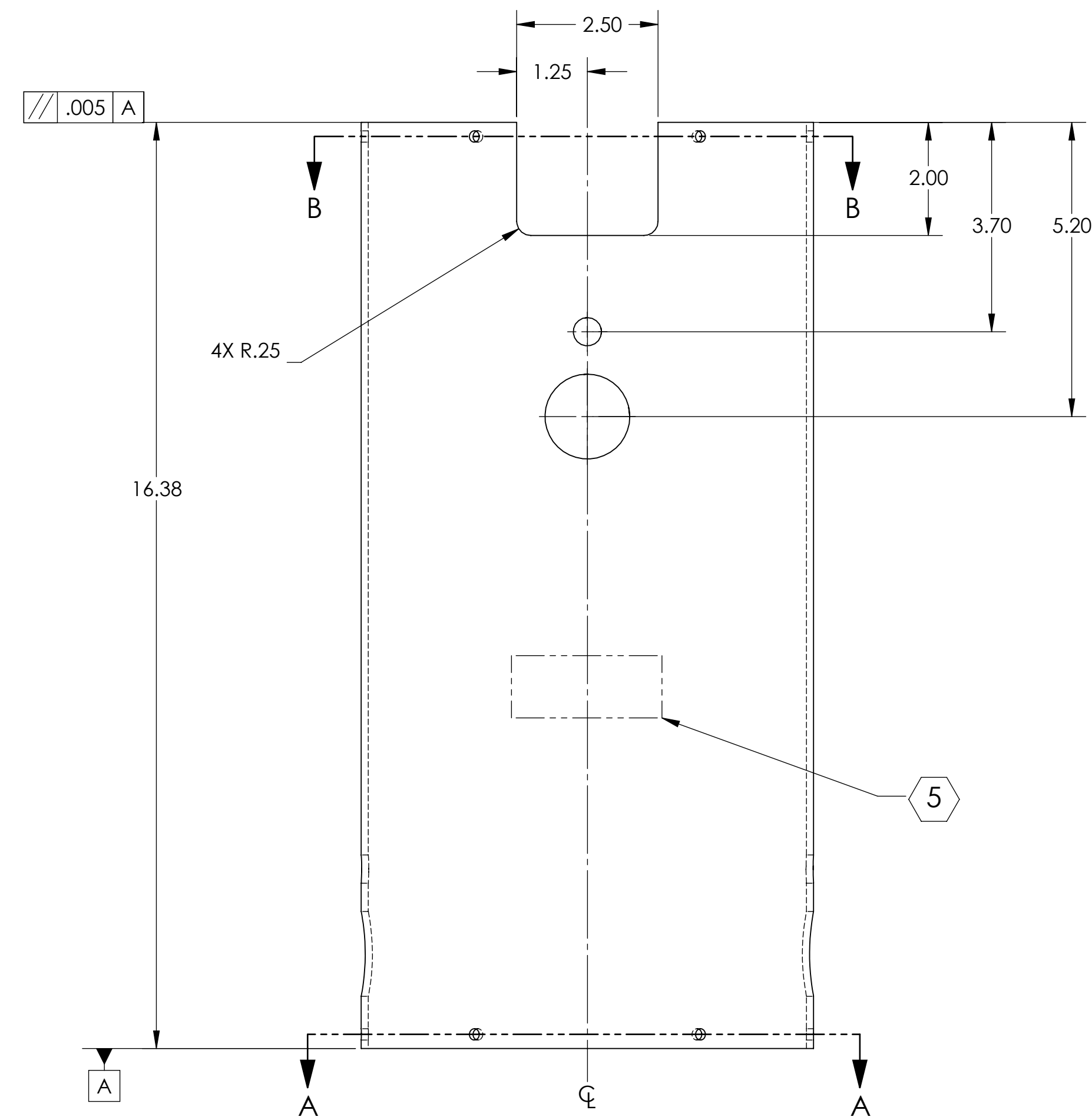
REV.	DATE	DCN #	DRAWING TREE #
v2	03 JUN 2010	E1000285	-
v2	04 APR 2011	E1100216	-
-	-	-	-



SECTION B-B



SECTION A-A



FOR REFERENCE ONLY
NO SCALE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME						
DIMENSIONS ARE IN INCHES						SLC DAMPING 8 DIA TUBE						
TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°						SYSTEM	SUB-SYSTEM	DESIGNER	DATE	SIZE	DWG. NO.	REV.
MATERIAL				NEXT ASSY		ADVANCED LIGO	AOS	N. NGUYEN	01 JUL 2010	D	D1002561	v2
6061-T6 Al				63 μinch		D1002563		TG. NGUYEN	15 JUL 2010	SCALE: 1:2		PROJECTION:
								M. SMITH	01 NOV 2010	SHEET 1 OF 1		
								D. COYNE	10 NOV 2010			