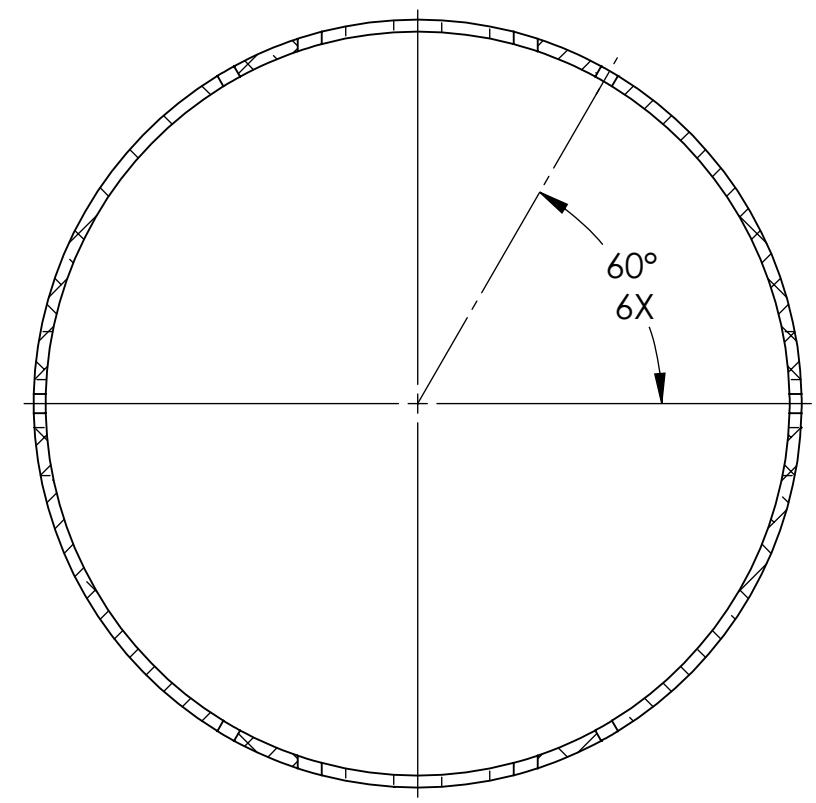
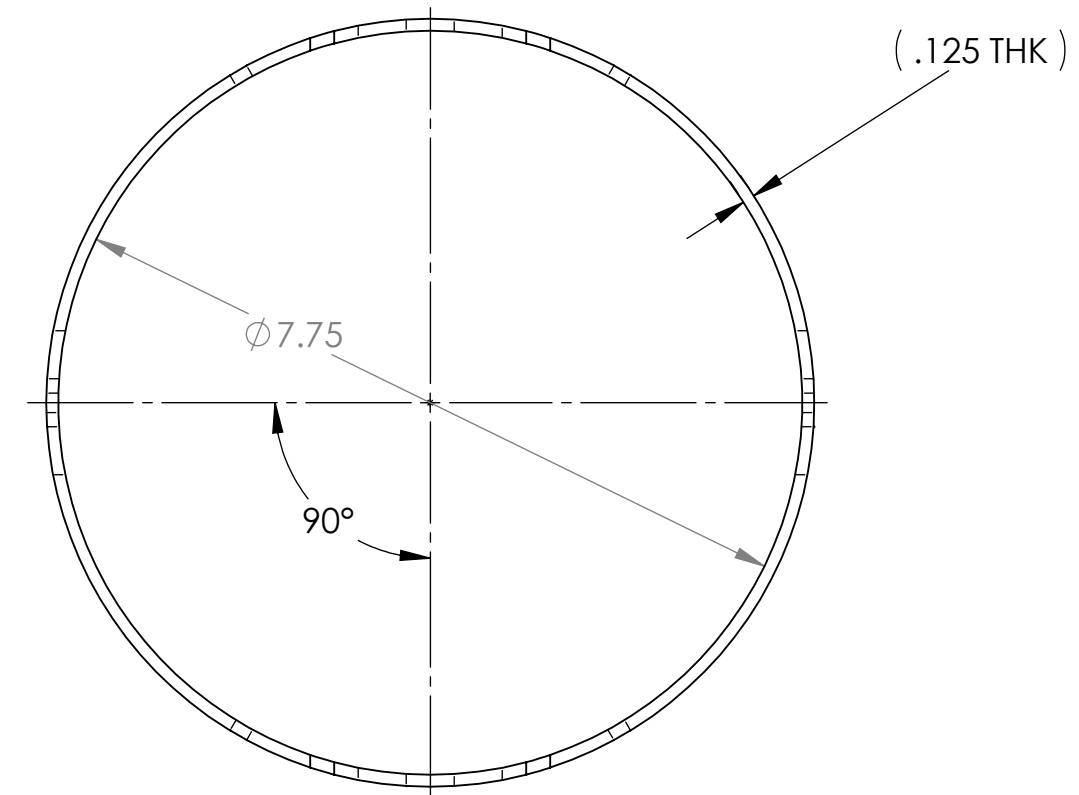
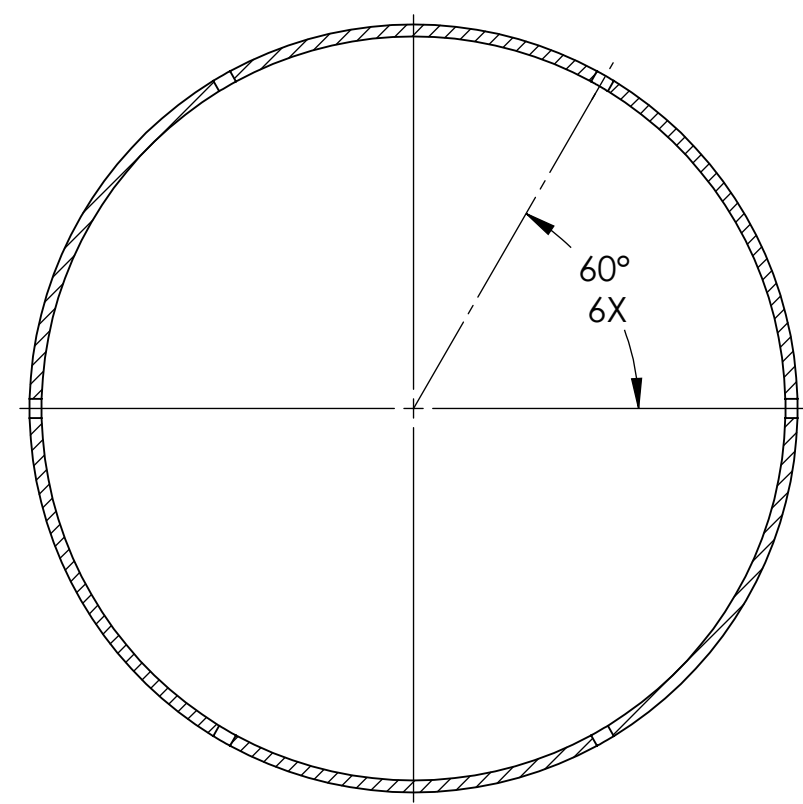


- NOTES: UNLESS OTHERWISE SPECIFIED**
1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES 0.005" TO 0.015".
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST 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 5.1, 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

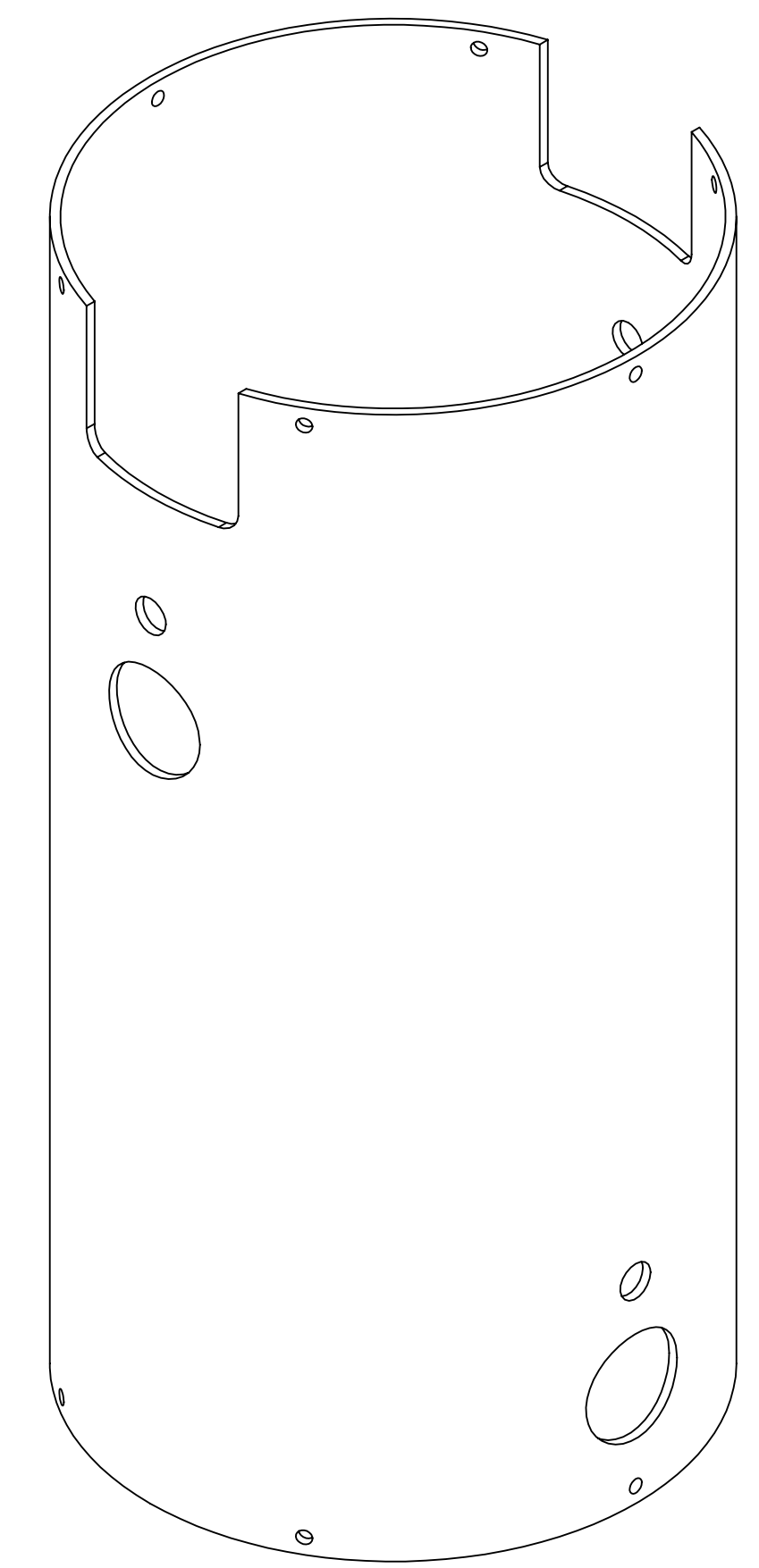
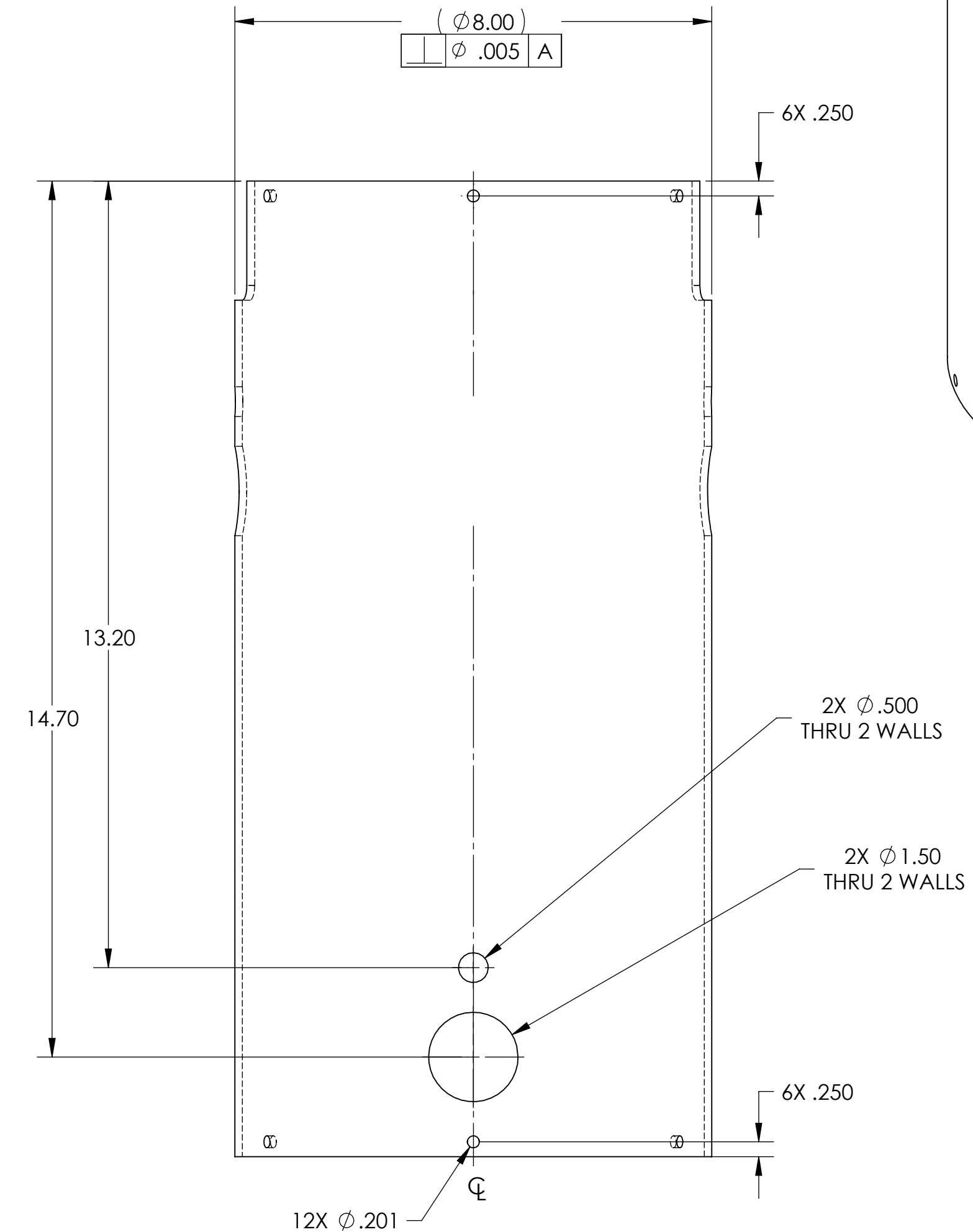
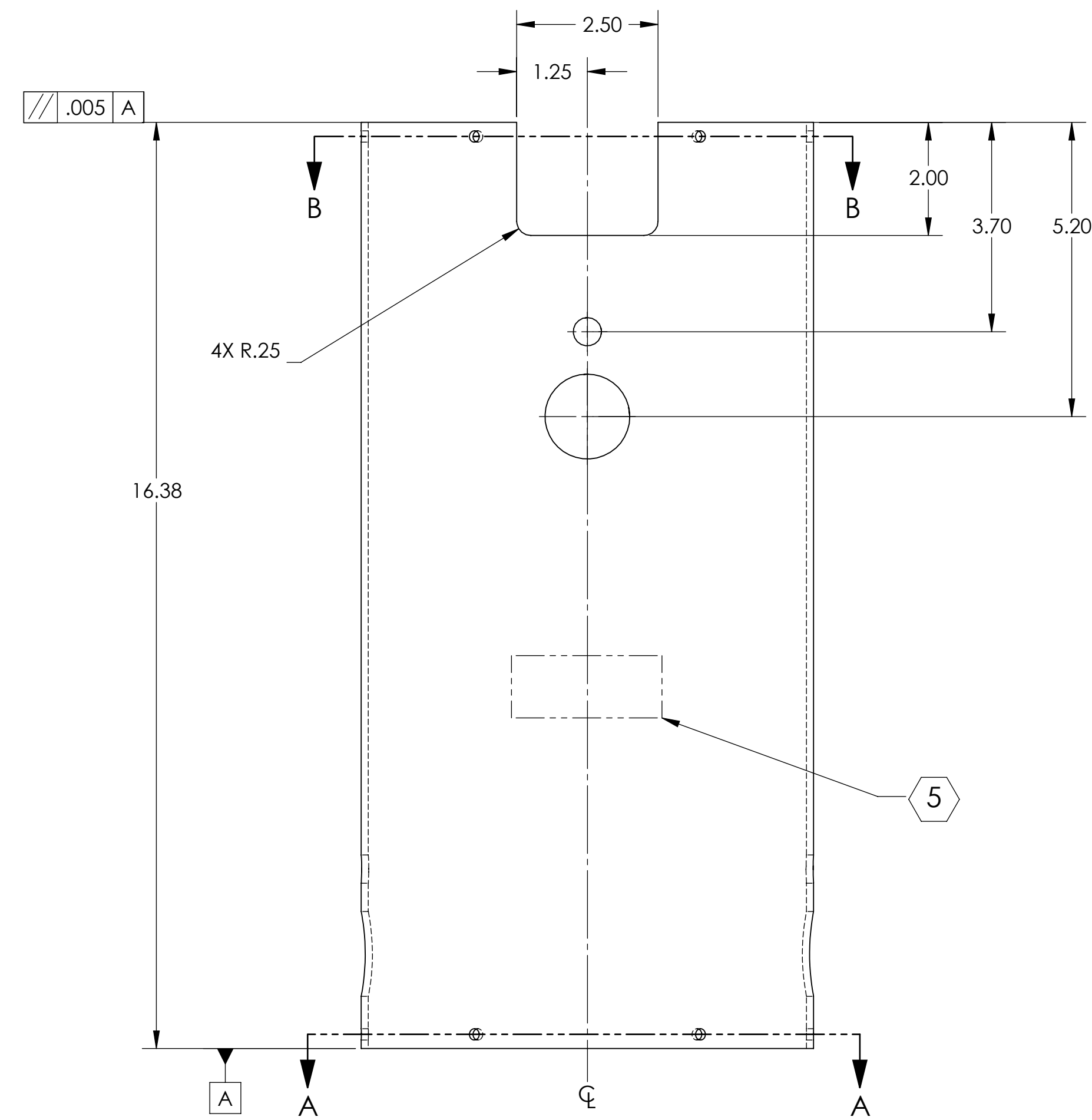
| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 03 JUN 2010 | E1000285 | - |
| - | - | - | - |
| - | - | - | - |



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 | v1 |
| 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 | | | |