

D0902845_AdlIGO_AOS_FI D0900136_Reflection Baffle, PART PDM REV: X-013, DRAWING PDM REV: X-012

8 7 6 5 4 3 2 1

NOTES CONTINUED:

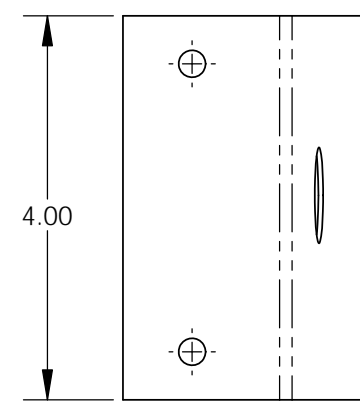
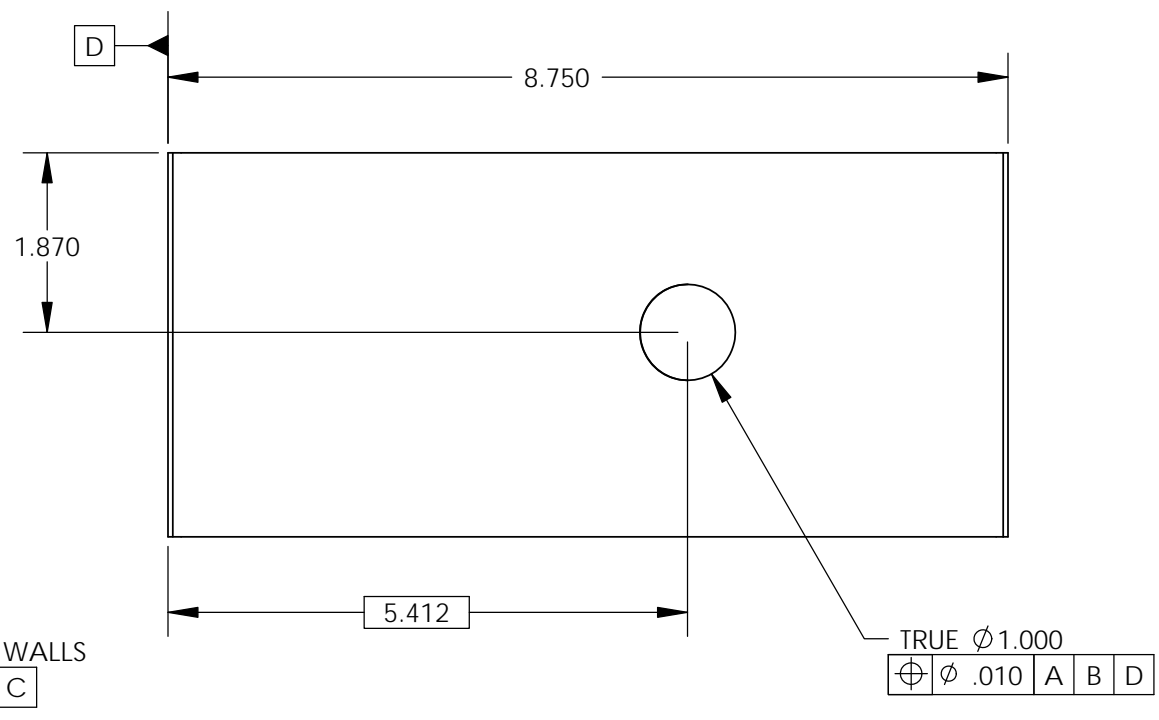
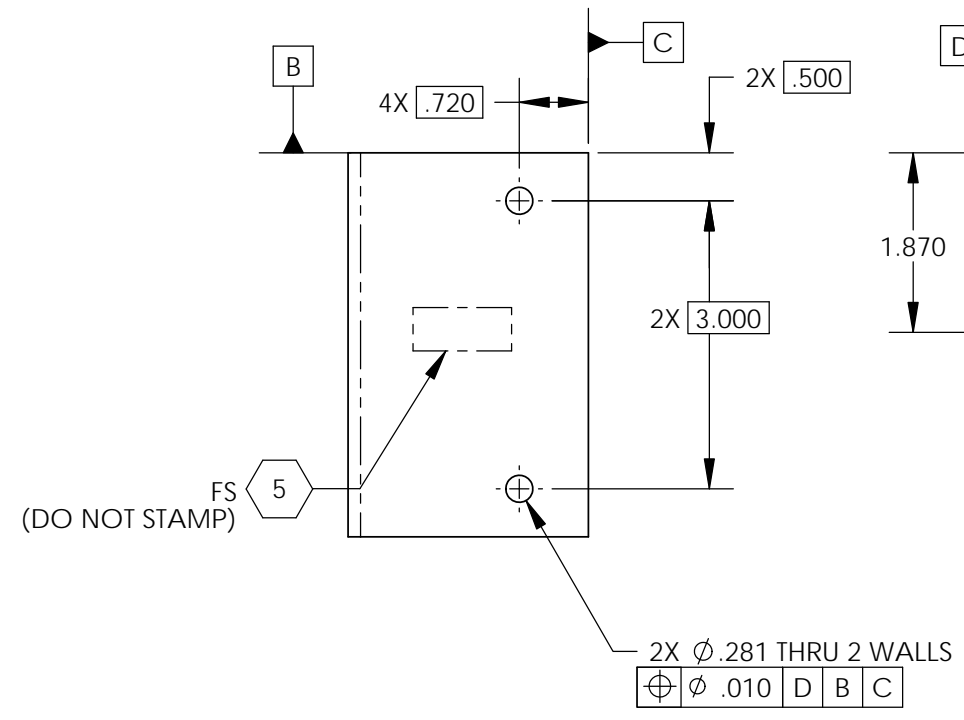
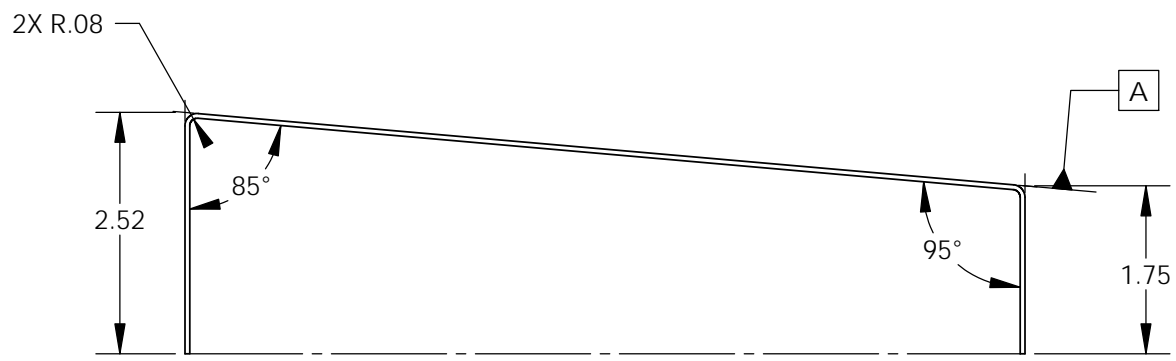
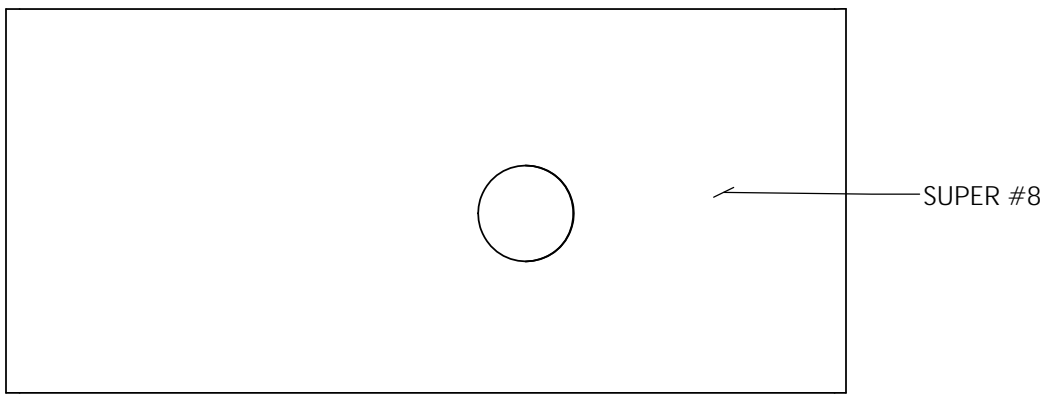
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

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

7. 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.

8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 09 APR 2009 | - | - |
| v4 | 25 OCT 2011 | E1000563 | - |
| - | - | - | - |



8 7 6 5 4 3 2 1

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME | |
|--|--|---|--|---|--|-------------------|--|
| DIMENSIONS ARE IN | | 1. INTERPRET DRAWING PER ASME Y14.5-1994. | | SYSTEM | | REFLECTION Baffle | |
| TOLERANCES: | | 2. REMOVE ALL SHARP EDGES, R.02 MIN. | | ADVANCED LIGO | | AOS | |
| .XX ± .03 | | 3. DO NOT SCALE FROM DRAWING. | | NEXT ASSY | | DESIGNER | |
| .XXX ± .010 | | 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE PER LIGO DOCUMENT E0900237. | | D0900136 | | DRAFTER | |
| ANGULAR ± 1.0° | | MATERIAL | | 18 GAUGE 304 SSSL | | CHECKER | |
| | | FINISH | | SUPER#8 | | APPROVAL | |
| | | | | | | SCALE: 1:2 | |
| | | | | | | PROJECTION: | |
| | | | | | | SHEET 1 OF 1 | |