

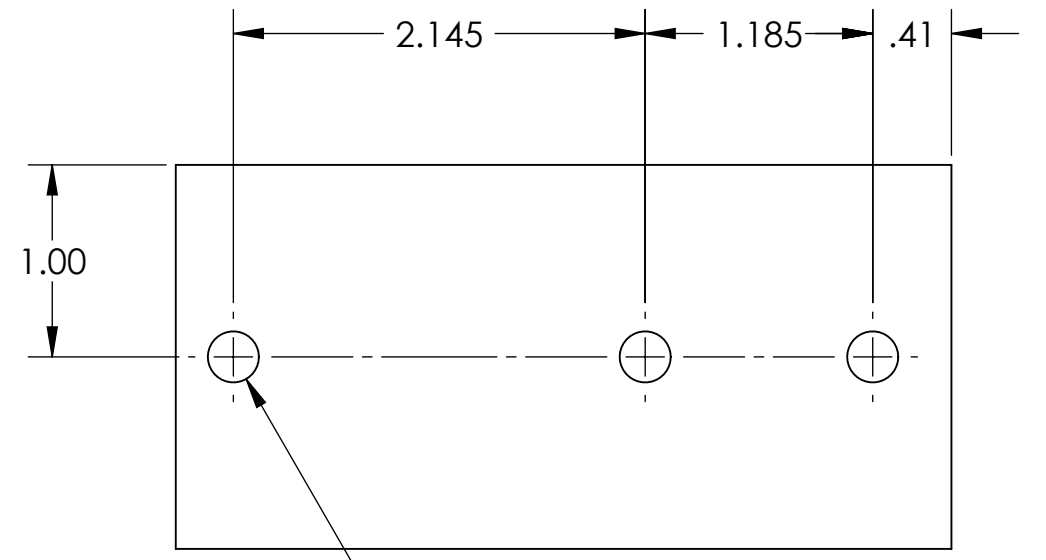
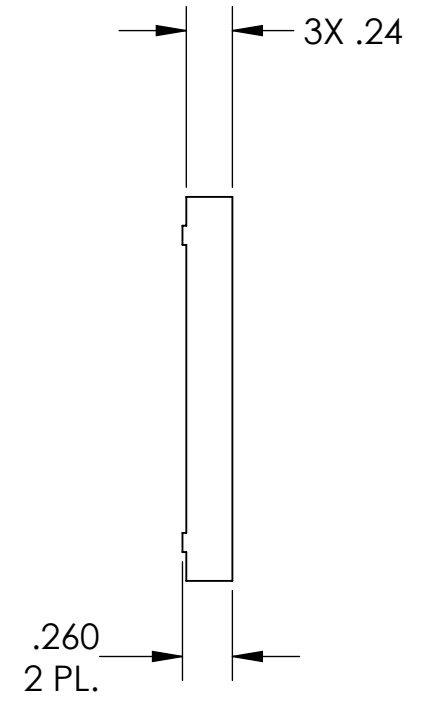
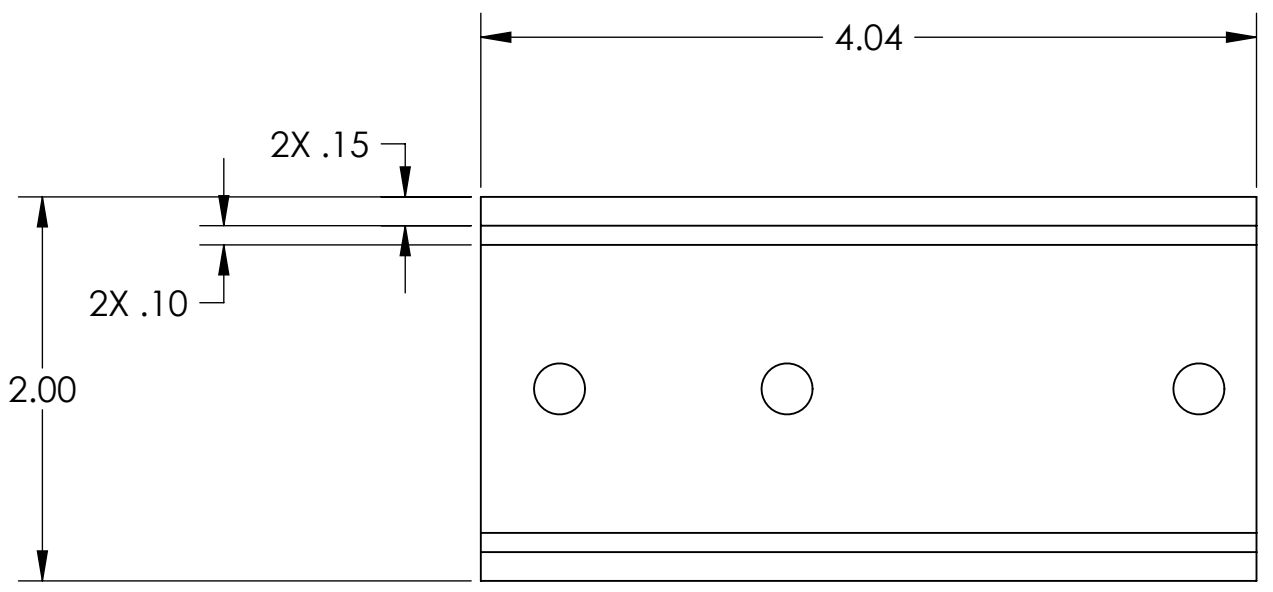
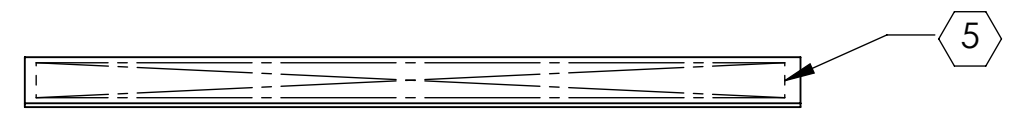
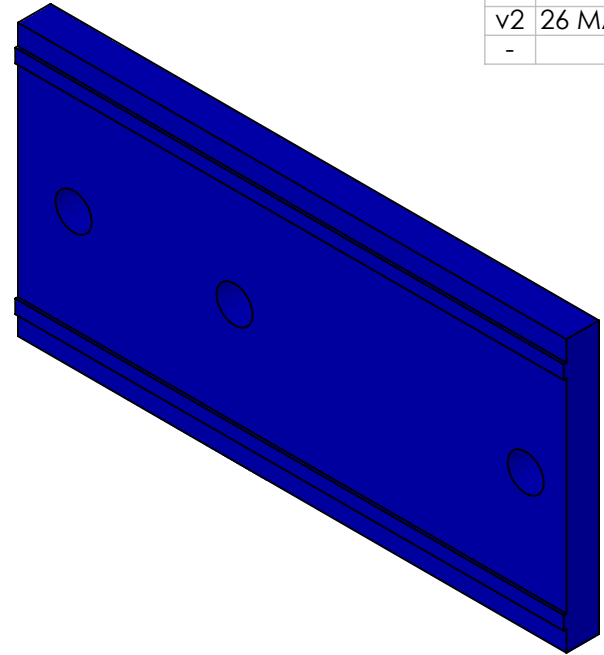
D1001943_dLIGO TOP LONG TUBE EARTHQUAKE STOP PLATE, PART PDM REV: X-022, DRAWING PDM REV: X-018

8 7 6 5 4 3 2 1

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 = .19 LB (84 G)
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE MATERIAL SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E0900364.

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|-------------|----------------|
| v1 | 21 MAR 2011 | E1000384-v1 | - |
| v2 | 26 MAR 2012 | E1200317-x0 | - |
| - | - | - | - |



3X ϕ .266 THRU

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME | |
|---|--|--|--|--|--|--|--|
| DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0° | | | | 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005 -.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. | | αLIGO TMS STOP PLATE | |
| | | | | | | MATERIAL 6061-T6 Al FINISH 63 μinch Ra | |
| | | | | SYSTEM ADVANCED LIGO SUB-SYSTEM AOS | | SIZE DWG. NO. B D1001943 | |
| | | | | NEXT ASSY D1001781 | | REV. v2 | |
| | | | | | | SCALE: NONE PROJECTION: SHEET 1 OF 1 | |

8 7 6 5 4 3 2 1