

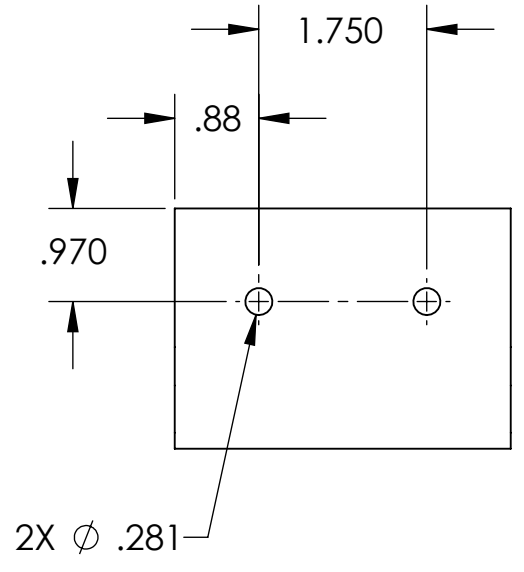
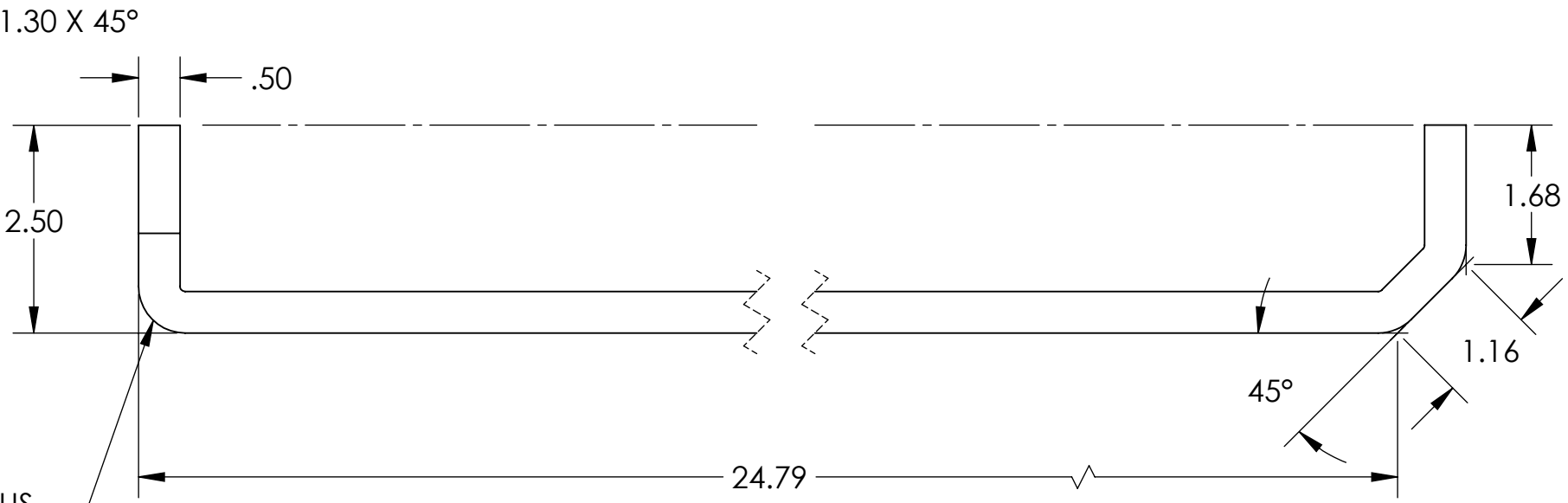
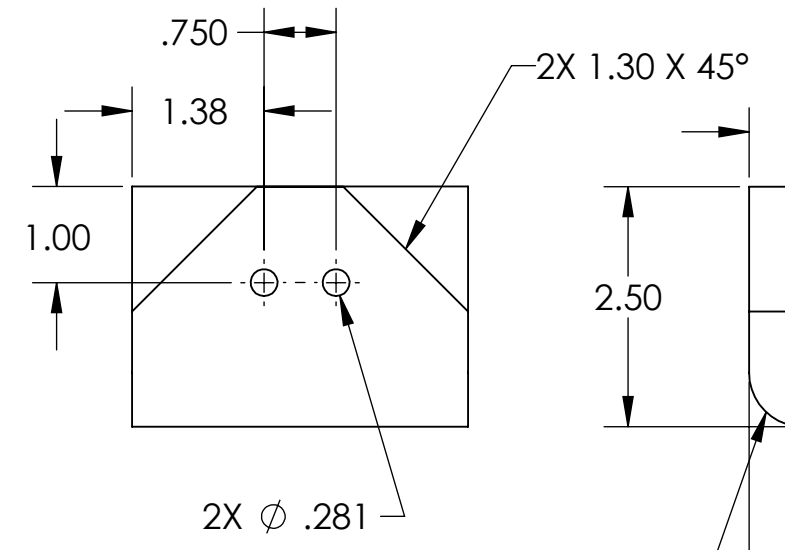
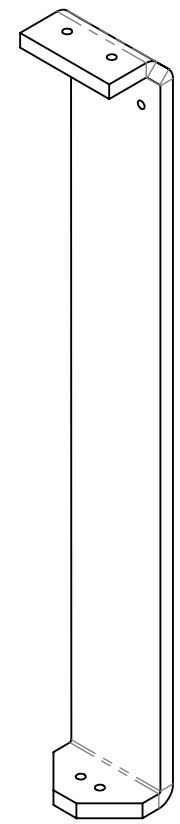
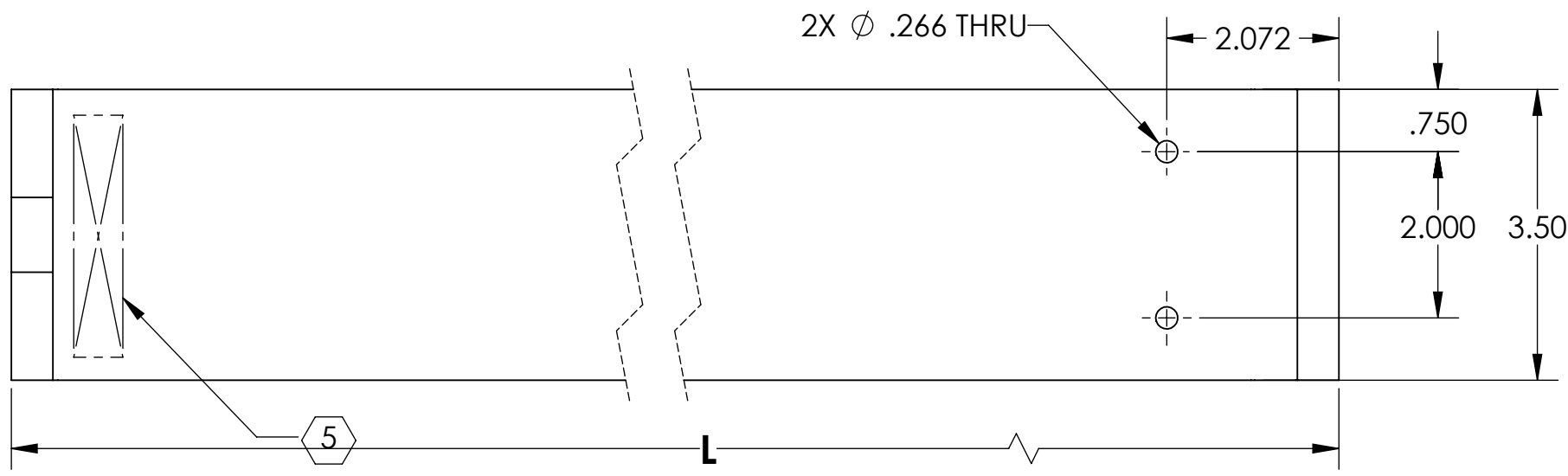
D1102286\_d1lgo aos itm elliptical baffle height adjustor brace, part pdm rev: X-028, drawing pdm rev: X-019

**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. 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.

REV.	DATE	DCN #	DRAWING TREE #
v1	16 DEC 2011	E1101007	-
v2	3 MAY 2012	-	-
-	-	-	-

PART NO	LENGTH	LOCATION
D1102286-01	25.718	BSC2_H1-L1
D1102286-02	25.617	BSC4_H2



**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**  
 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.

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .XX ± .02  
 .XXX ± .005  
 ANGULAR ± 1.0°

**MATERIAL** 6061-T6 Al **FINISH** 63 μinch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**SYSTEM** ADVANCED LIGO **SUB-SYSTEM** AOS **PART NAME** gLIGO AOS ITM ELLIPTICAL BAFFLE HEIGHT ADJUSTOR BRACE

**DESIGNER** J. TERRAZAS **DRFTER** J. TERRAZAS **CHECKER** H. KELMAN **APPROVAL** M. SMITH

**DATE** 14 DEC 2011

**SIZE DWG. NO.** B **D1102286** **REV.** v2

**SCALE:** 1:8 **PROJECTION:** **SHEET** 1 OF 1

8 7 6 5 4 3 2 1