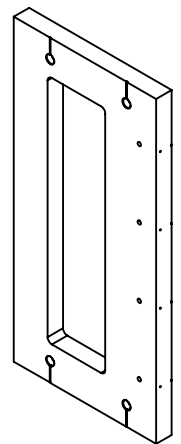


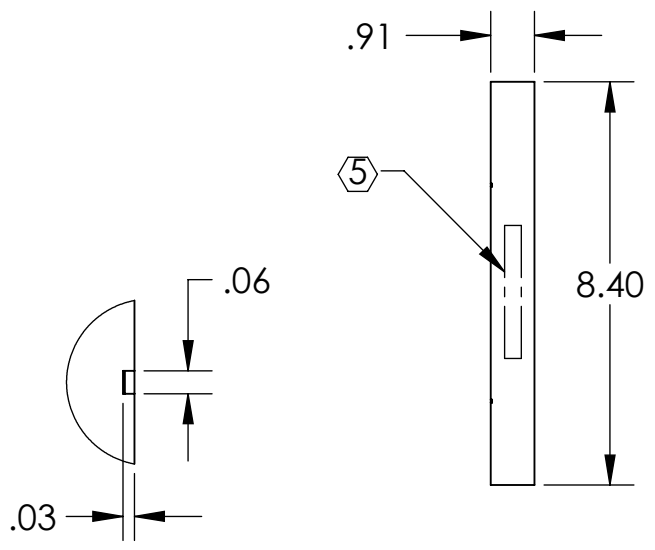
NOTES CONTINUED:
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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 = 8.618 LB.
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. 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.

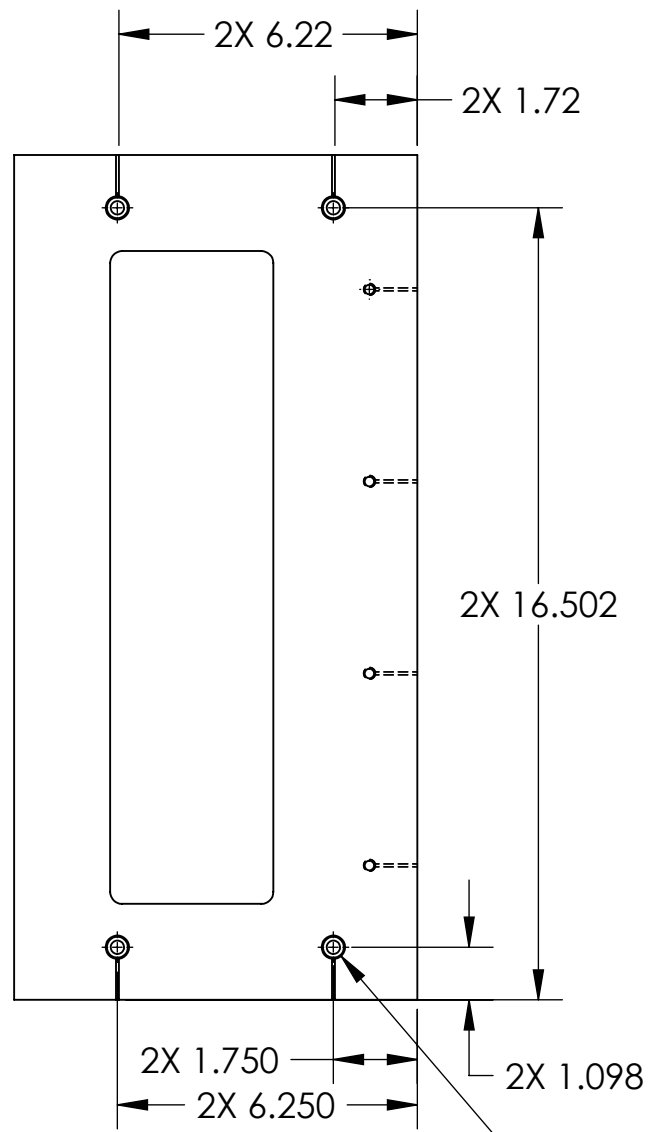
REV.	DATE	DCN #	DRAWING TREE #
v1	4 OCT 2011	E1100313-v1	



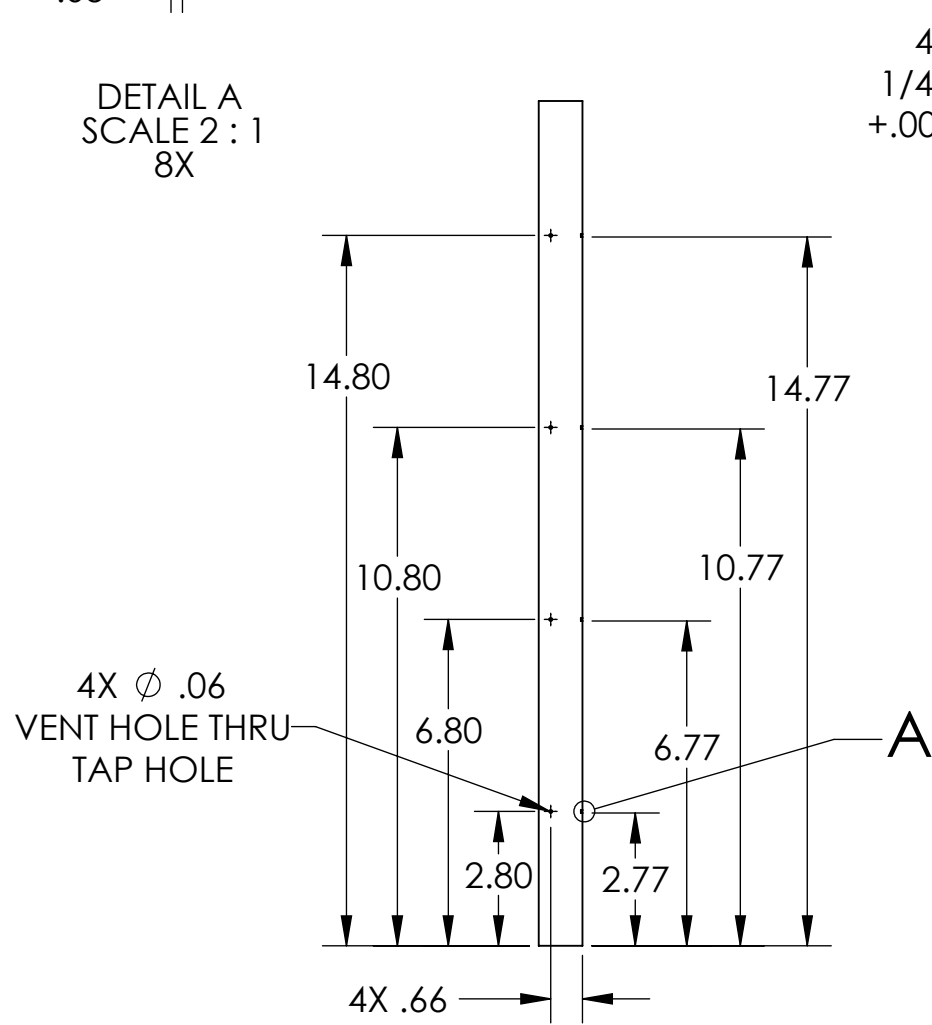
GENERAL VIEW FOR REFERENCE ONLY NO SCALE



DETAIL A SCALE 2 : 1 8X

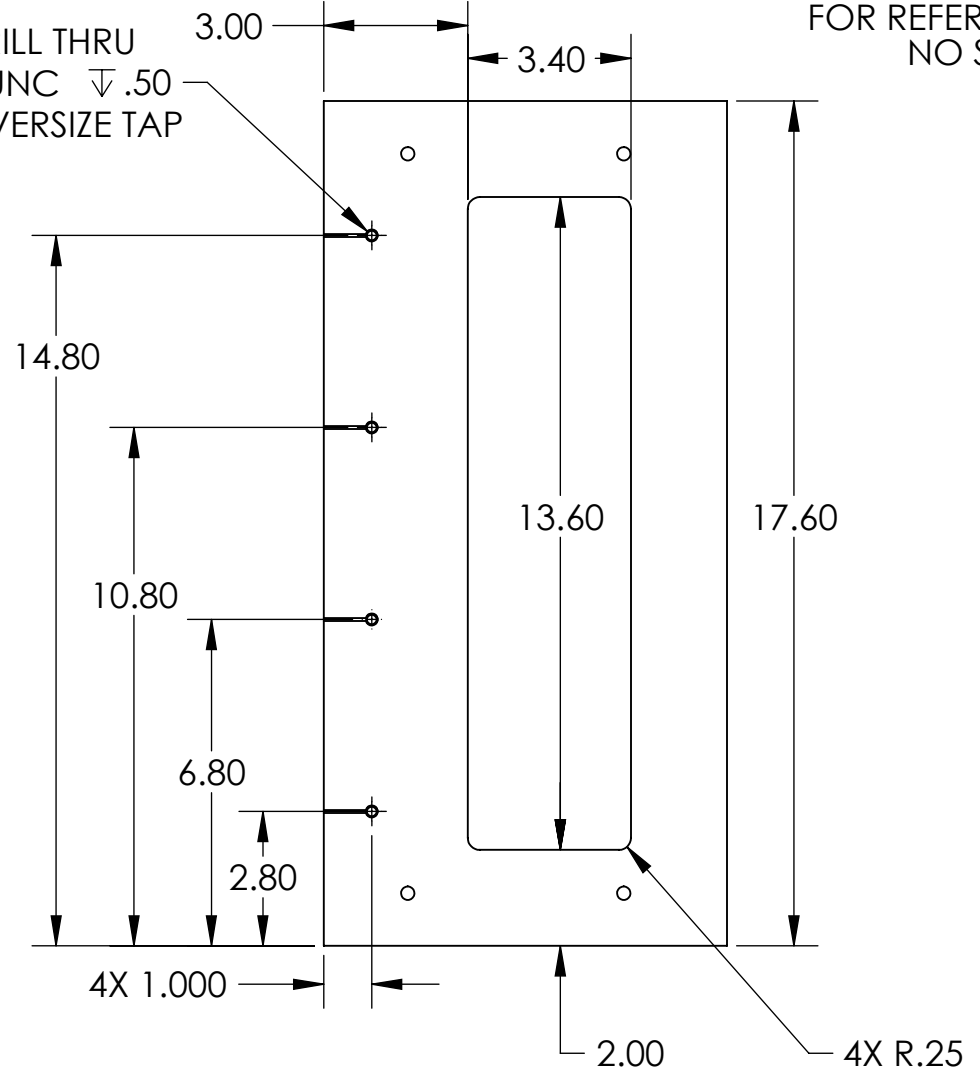


4X ϕ .281 THRU
 \square ϕ .44 ∇ .30



4X ϕ .06 VENT HOLE THRU TAP HOLE

4X DRILL THRU
 1/4-20 UNC ∇ .50
 +.005 OVERSIZE TAP



D1100116 ALIGO SR3 HR-AR_H2 SPACER, PART PDM REV: X-035, DRAWING PDM REV: X-036

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
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.	
TOLERANCES: .XX \pm .01 .XXX \pm .005	ANGULAR \pm 1.0°
MATERIAL 6061-T6 Al	FINISH 63 μ inch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME ALIGO SR3 HR-AR_H2 SPACER	
SYSTEM ADVANCED LIGO	SUB-SYSTEM AOS	DESIGNER TQ. TUYEN	DATE 28 SEP 2011
CHECKER L. AUSTIN	DATE 26 JAN 2011	SIZE B	DWG. NO. D1100116
APPROVAL M. SMITH	SCALE 1:4	PROJECTION	REV. v1
NEXT ASSY D1003205		SHEET 1 OF 1	