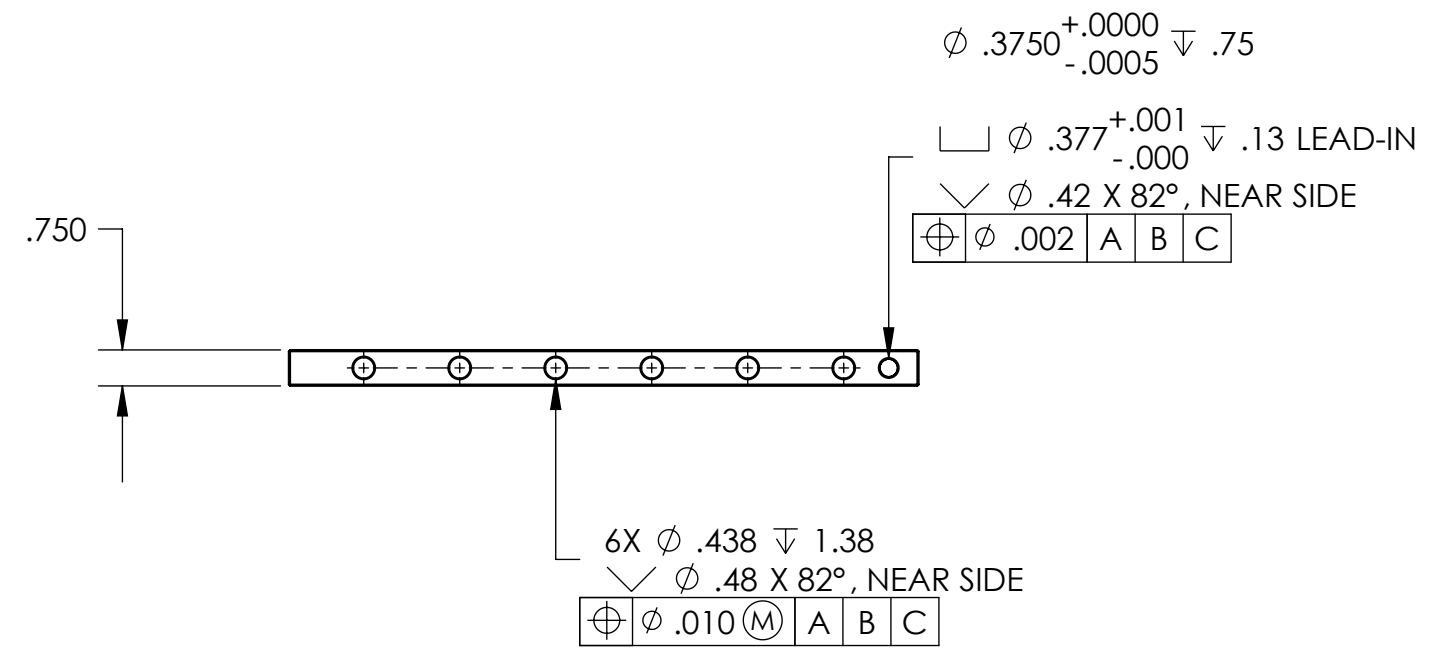
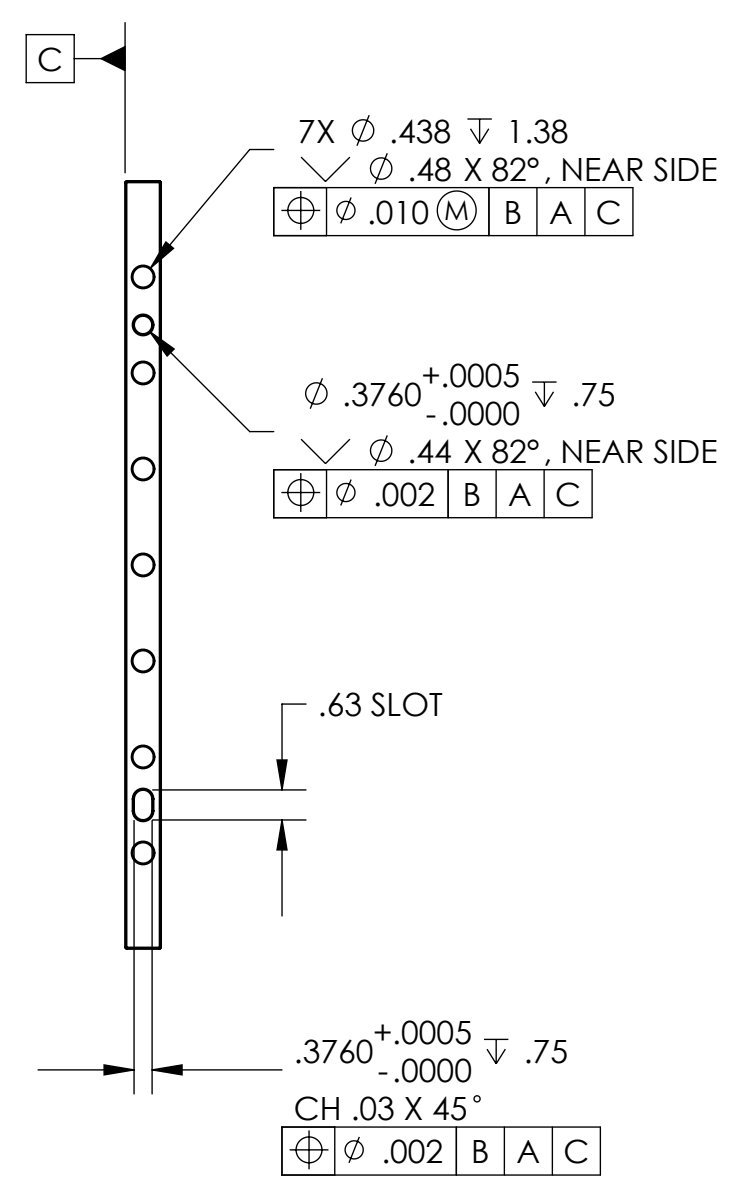
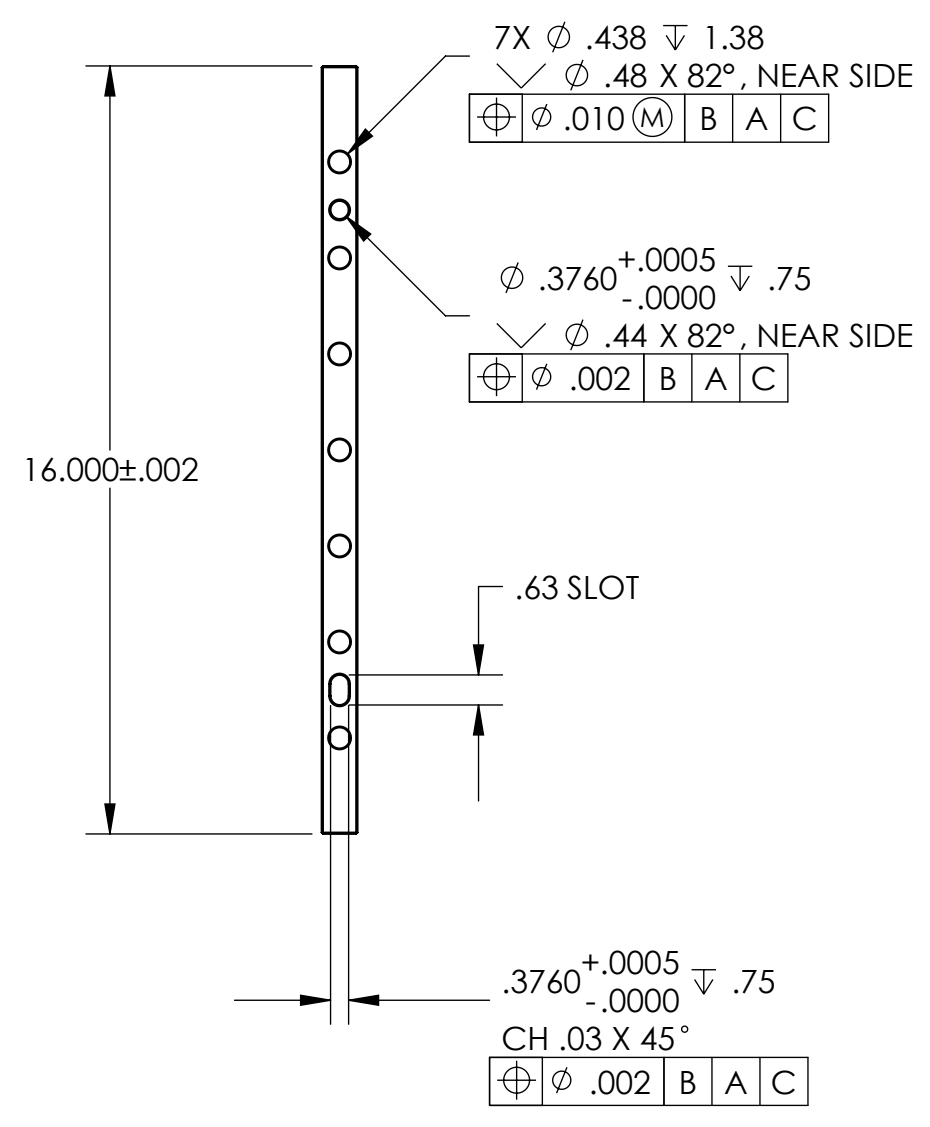
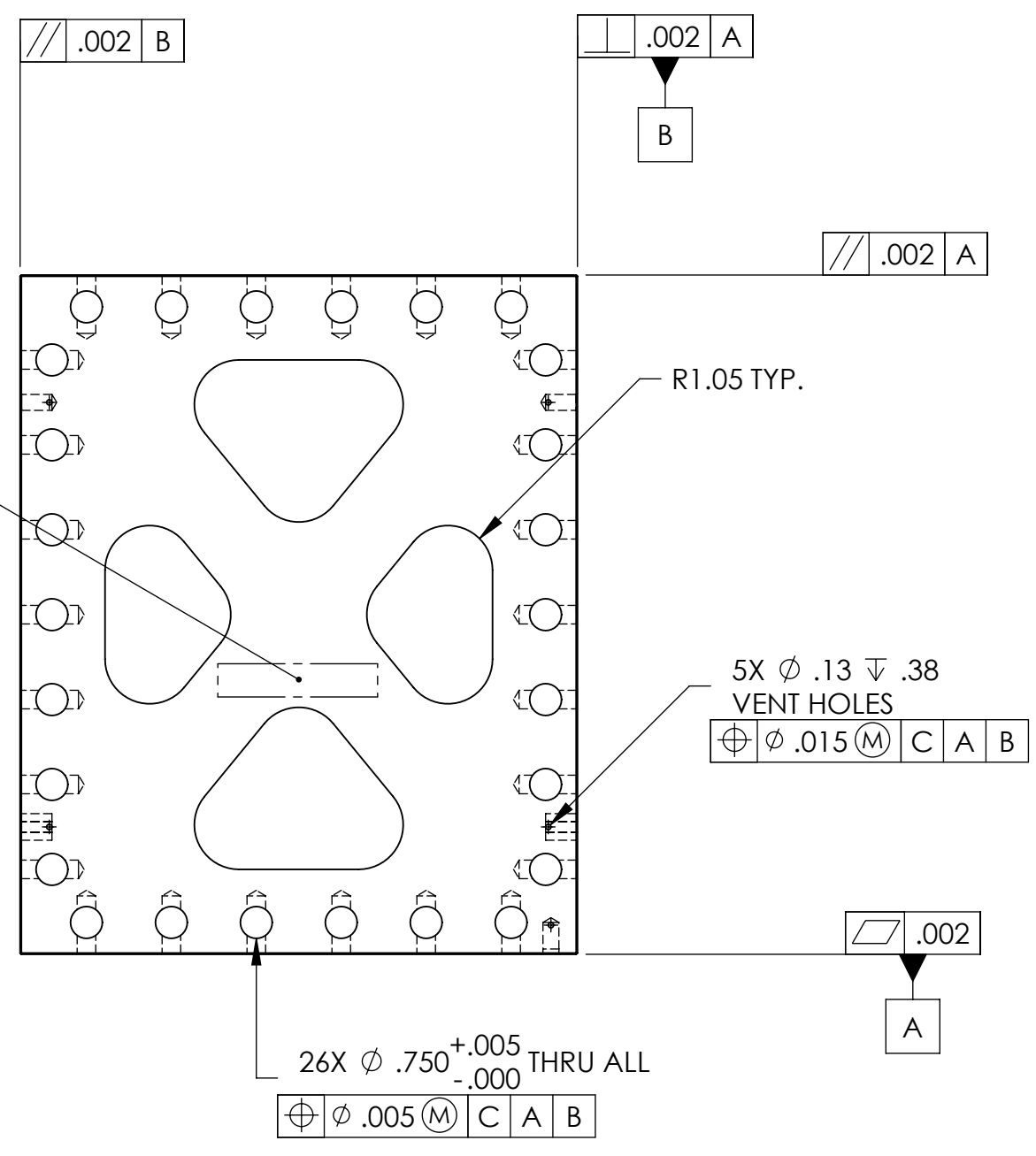
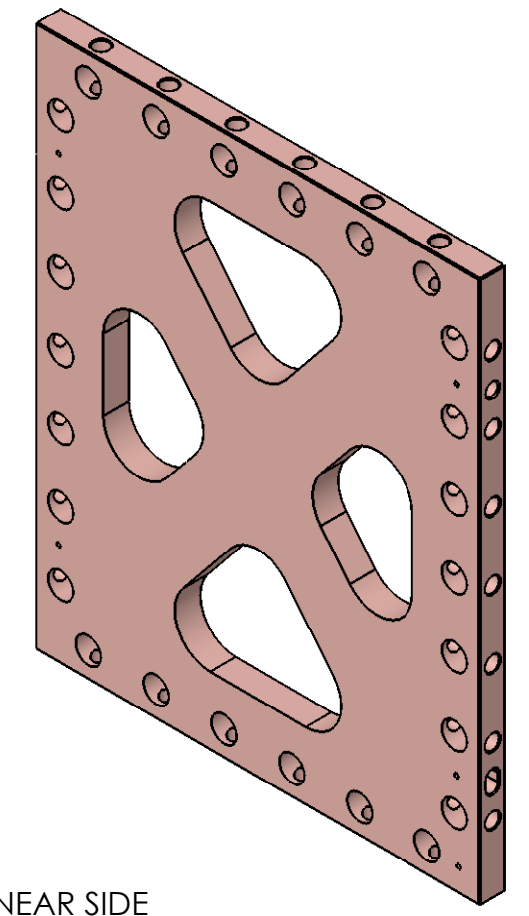
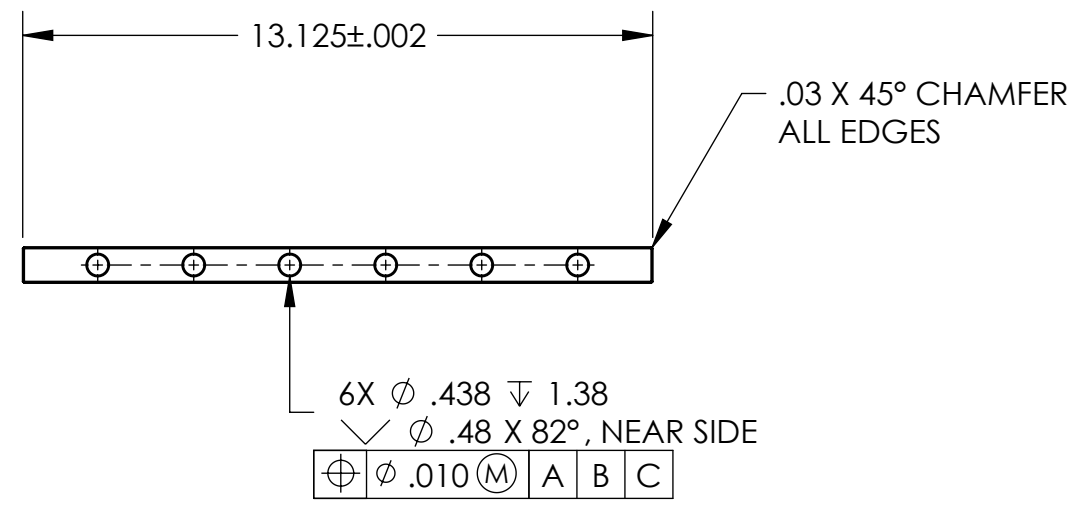


REVISION HISTORY				
REV	DATE	ECO	APPROVAL	DESCRIPTION
V1 / C	7 Jun 2007	1063	D. Senders	Release for Enhanced LIGO.
V2	31 Mar 2009		A. Stein	Release for Advanced LIGO. Added lead-in to press-fit pin hole. Added chamfers and c'sinks.



MACHINING NOTES:

- 1) MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. ABRASIVE REMOVAL TECHNIQUES (OTHER THAN DRESSED BLANCHARD GRINDING) ARE NOT ACCEPTABLE.
- 2) ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE, AND SILICONE, SUCH AS CINCINNATI MILACRON CIMTECH 410.
- 3) THOROUGHLY CLEAN PART TO REMOVE ALL OIL, GREASE, DIRT, AND CHIPS.
- 4) WHERE INDICATED, MECHANICALLY SCRIBE, STAMP, OR ENGRAVE THE FOLLOWING INFORMATION AS SHOWN BELOW: **PART NUMBER-REVISION** (AND **TYPE** IF INDICATED), FOLLOWED ON THE NEXT LINE WITH A UNIQUE 3-DIGIT **SERIAL NUMBER** STARTING AT 001 FOR THE FIRST PART AND INCREMENTING THEREAFTER. USE 0.38" TALL CHARACTERS UNLESS PART SIZE DICTATES SMALLER.

D071054-V2
S/N - ###

POST-MACHINING NOTES:

- P1) CLEAN TO LIGO STANDARDS, CLASS A.

APPROVALS ENGINEERING (HPD): D. Senders 5/22/2007 QUALITY (HPD): C. Danaher 5/22/2007 MATERIAL: 6061-T6 Al FINISH: None MASS: 10.8 lbs		DATE 5/22/2007 5/22/2007 6061-T6 Al None 10.8 lbs		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES: .XX ±.015 .XXX ±.005 ANG TOL: ± 1° SURFACE ROUGHNESS: REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS. THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD, UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY: .010 A B C		ORIGINAL DESIGN BY: High Precision Devices 1468 Valtec Lane, Suite C, Boulder, Colorado 80301 Phone: (303) 447-2558 Fax: (303) 447-2548 Web Site: www.hpd-online.com DESCRIPTION: Rib, Rad, GS-13 Mid P/N: D071054 CONFIG: - CAD FILE NAME: D071054_Rib-Rad-GS-13_Mid PROJECT: HAM ISI, Advanced LIGO SIZE SCALE: 1:4 DRAWN BY: Dave Senders (HPD) REV C SHEET 1 OF 1 DATE PRINTED: 3/31/2009 V2	
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