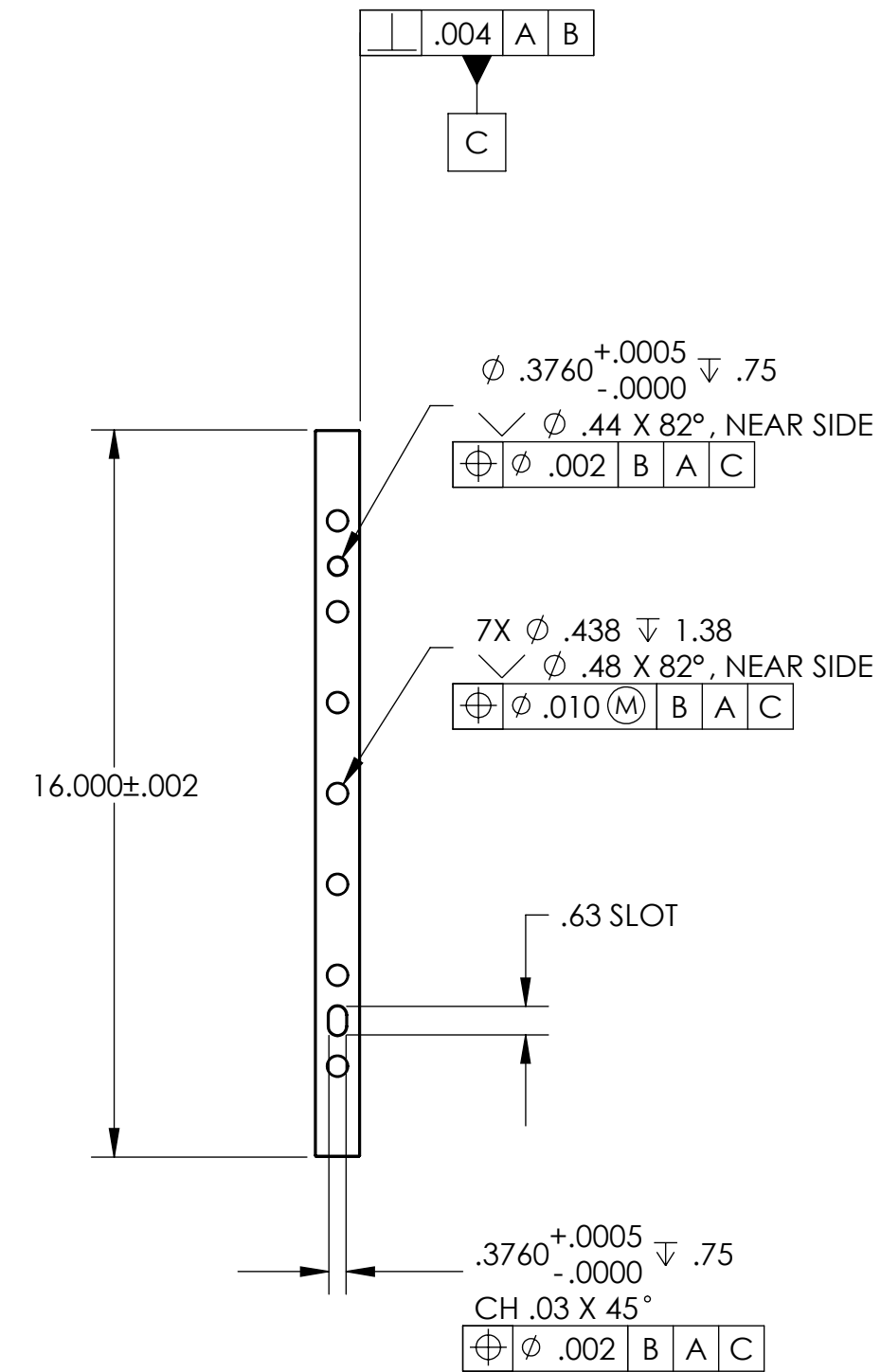
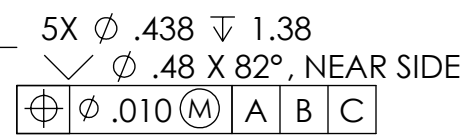
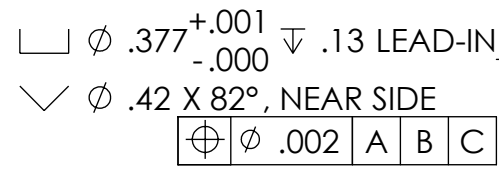
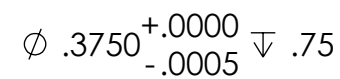
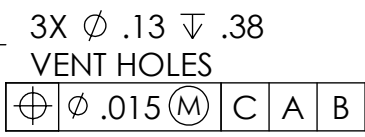
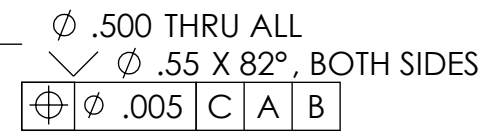
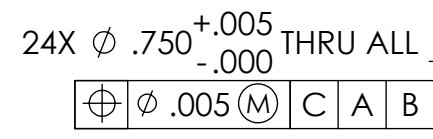
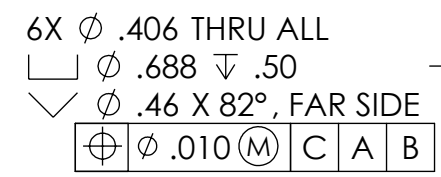
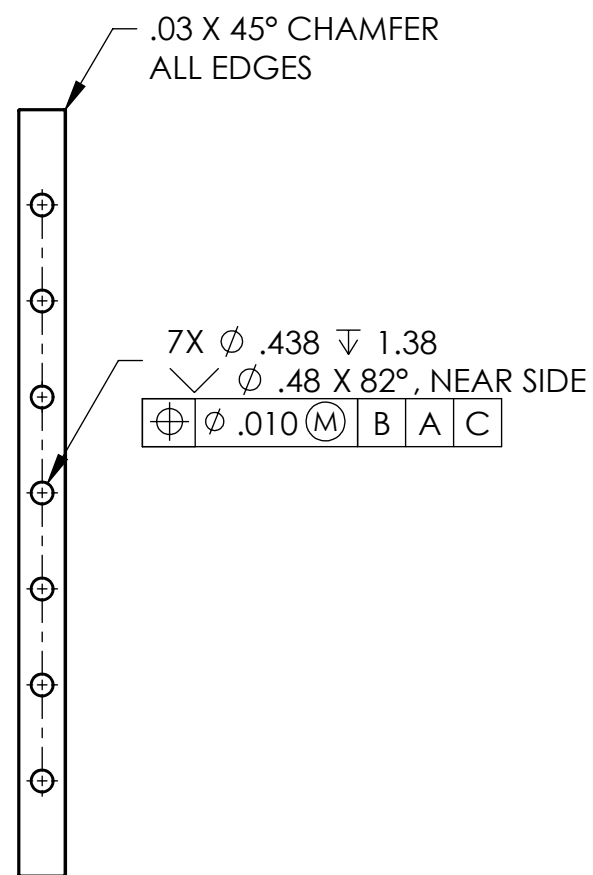
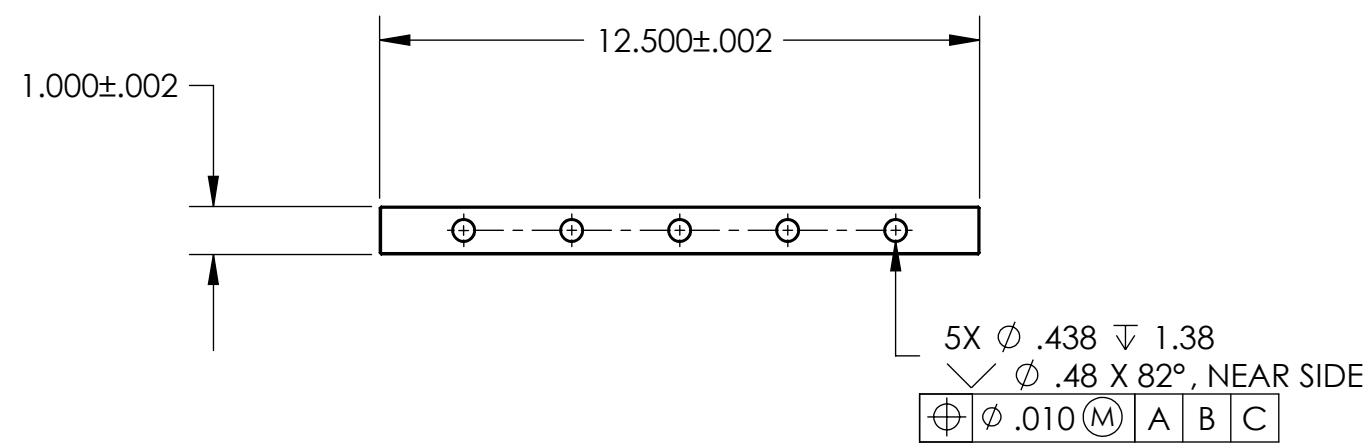
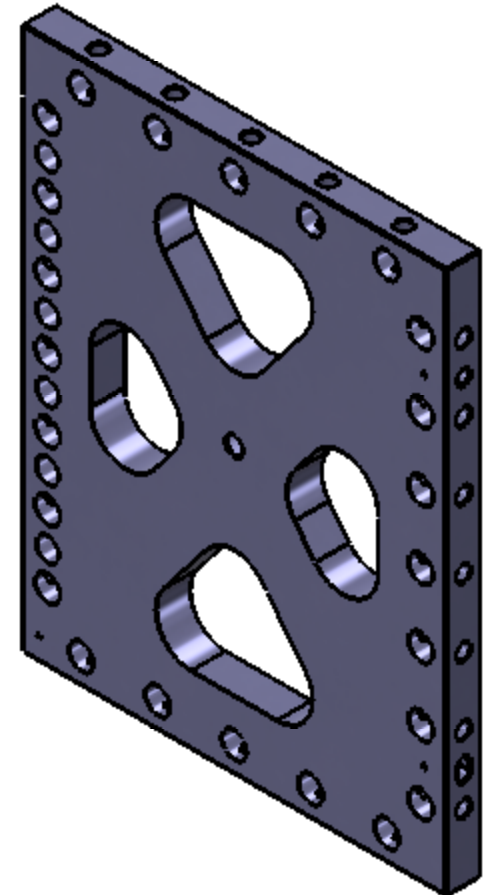


REVISION HISTORY				
REV	DATE	ECO	APPROVAL	DESCRIPTION
V1 / C	13 Jun 2007	1064	D. Senders	Release for Enhanced LIGO.
V2	16 Apr 2009		A. Stein	Release for Advanced LIGO. Added chamfers and c'sinks. Added lead-in to press-fit pin hole. Modified c'bores.



- MANUFACTURING 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.
- D071056-V2
S/N - ###
- POST-MANUFACTURING NOTES:
- P1) CLEAN TO LIGO STANDARDS, CLASS A (PER E0900047 AND E960022).

APPROVALS		DATE	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.	ORIGINAL DESIGN BY: High Precision Devices 1468 Valtrec Lane, Suite C, Boulder, Colorado 80301 Phone: (303) 447-2558 Fax: (303) 447-2548 Web Site: www.hpd-online.com	MODIFIED BY: LIGO
ENGINEERING (HPD): D. Senders		5/22/2007			
QUALITY (HPD): C. Danaher		5/22/2007	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: 	DESCRIPTION: Rib, Rad, GS-13 Out 2	P/N: D071056 CONFIG: -
MATERIAL: 6061-T6 Al					
FINISH: None			CAD FILE NAME: D071056_Rib-Rad-GS-13_Out_2	PROJECT: HAM ISI, Advanced LIGO	SHEET 1 OF 1
MASS: 14.1 lbs					
APPROVALS			SIZE: C	SCALE: 1:4	DATE PRINTED: 4/16/2009
APPROVALS			SIZE: 1	DRAWN BY: Dave Senders (HPD)	REV: V2