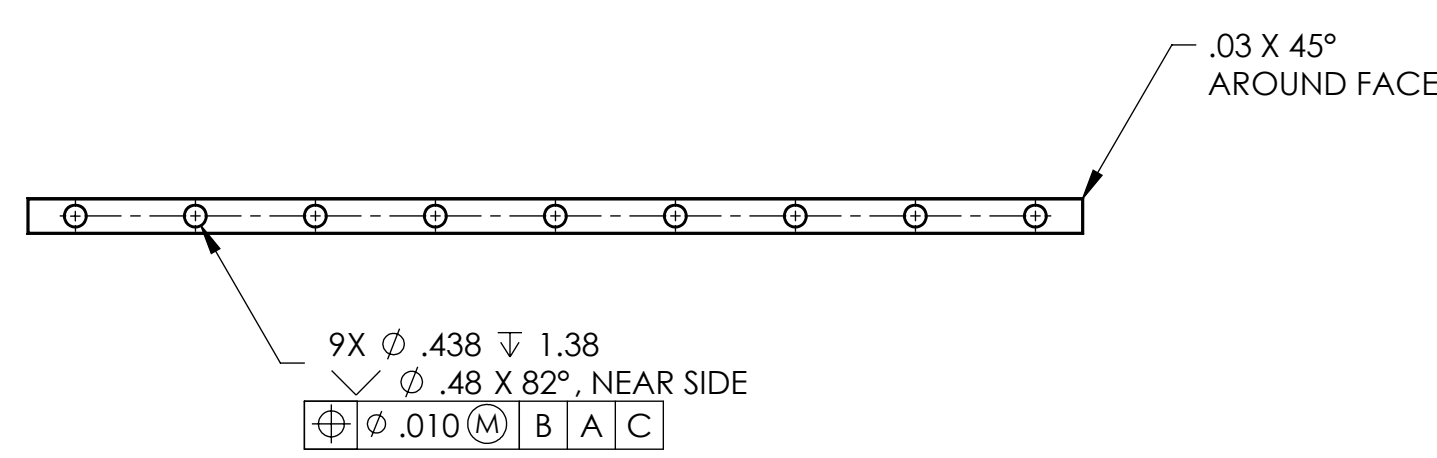
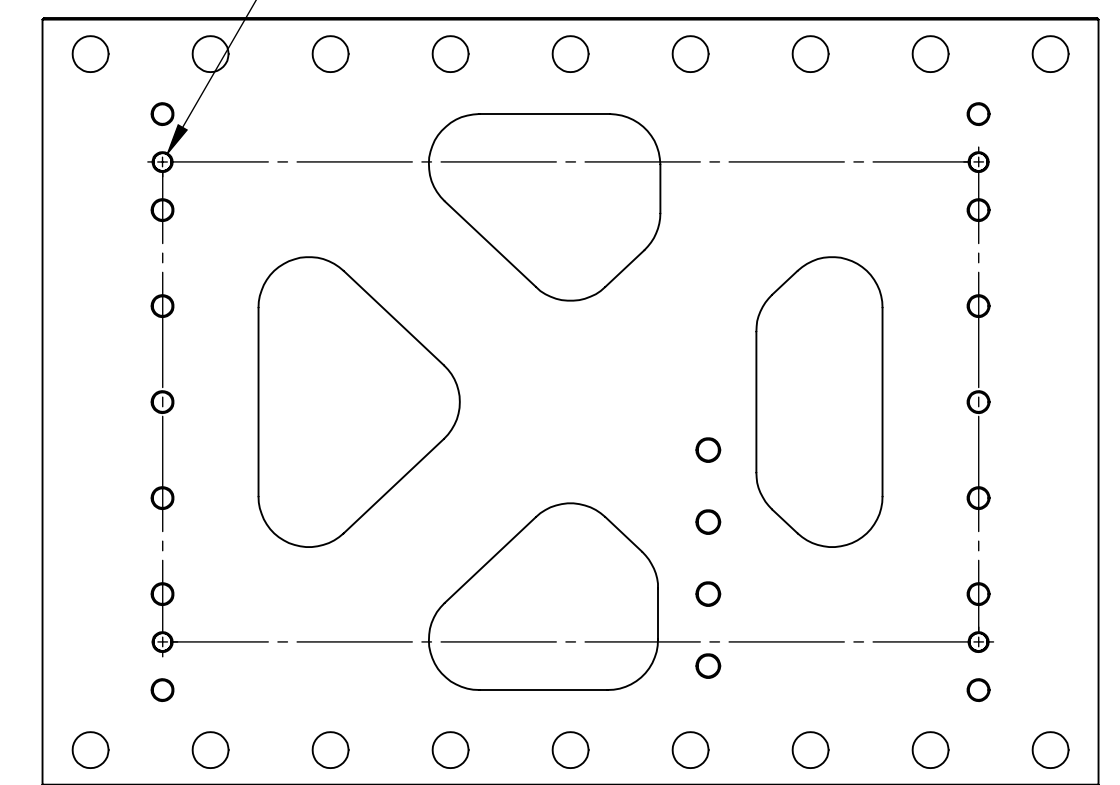
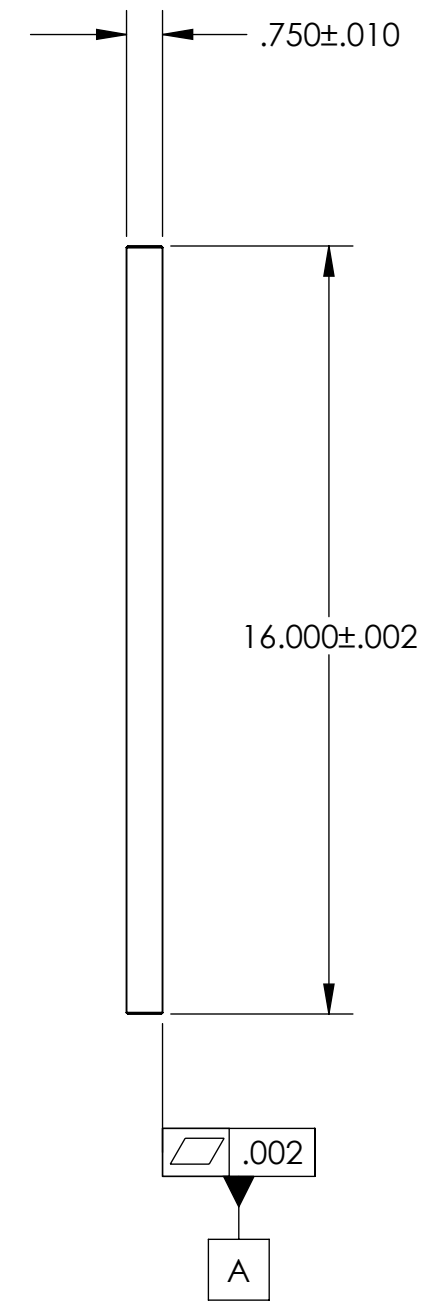
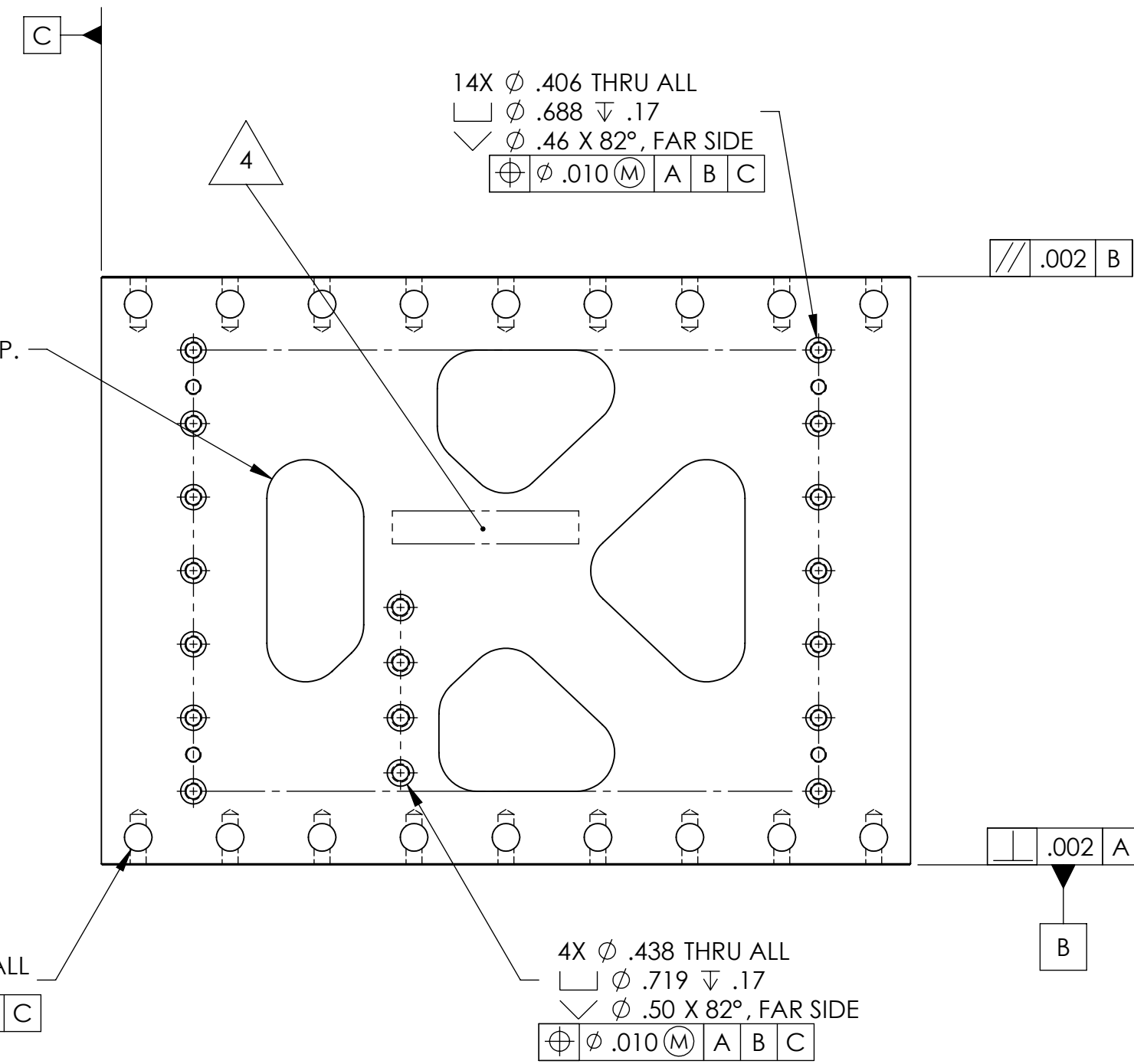
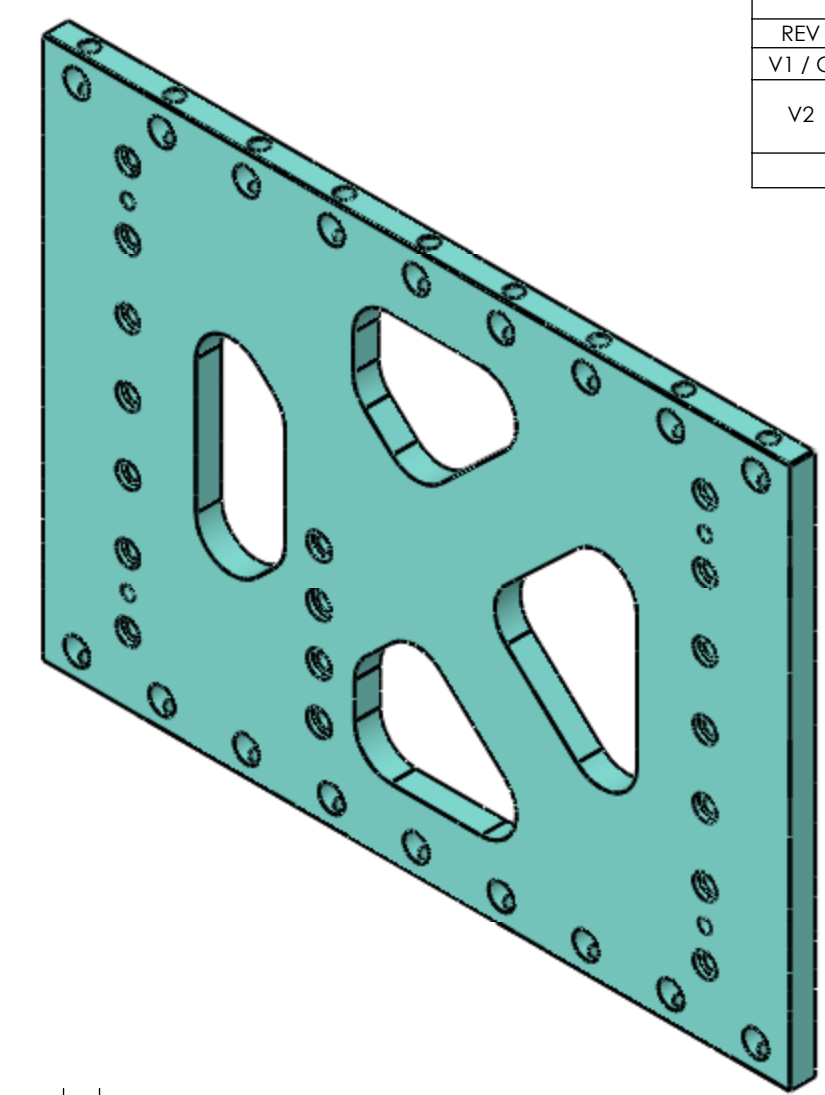
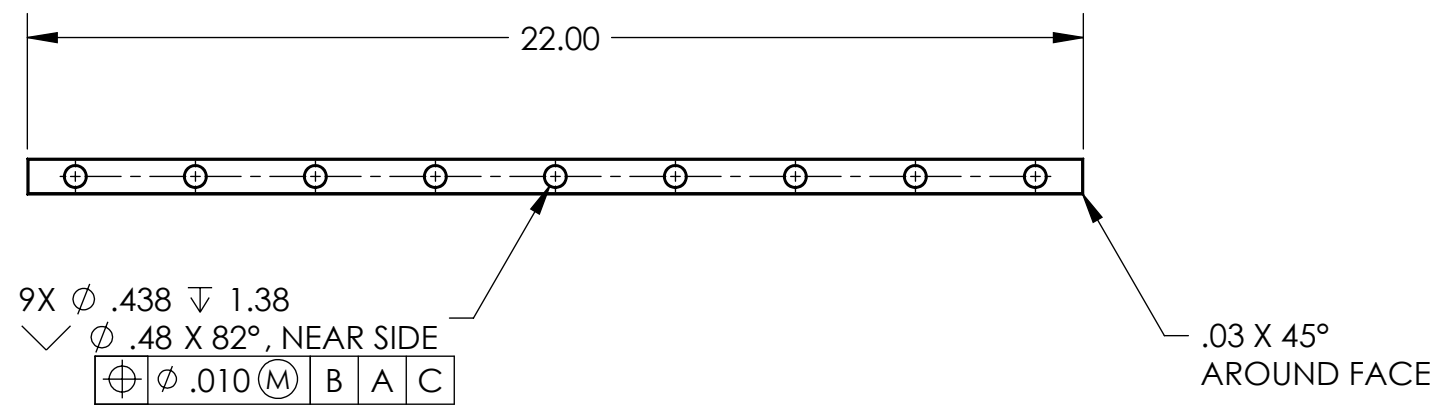


REVISION HISTORY				
REV	DATE	ECO	APPROVAL	DESCRIPTION
V1 / C	12 Jun 2007	1064	D. Senders	Release for Enhanced LIGO.
V2	10 Mar 2009		A. Stein	Release for Advanced LIGO. Added chamfers to top/bottom faces. Added lead-ins for press-fit pin holes. Added c'bores to 4x 3/8" thru holes. Added/modified c'sinks.



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.
- D071070-V2
S/N - ###

POST-MACHINING NOTES:

- P1) CLEAN TO LIGO STANDARDS, CLASS A.

APPROVALS		DATE	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES: .XX \pm .015 .XXX \pm .005 ANG TOL: \pm 1" SURFACE ROUGHNESS: 63	ORIGINAL DESIGN BY:	High Precision Devices 1448 Valtec Lane, Suite C, Boulder, Colorado 80301 Phone: (303) 447-2558 Fax: (303) 447-2548 Web Site: www.hpd-online.com	MODIFIED BY:								
ENGINEERING (HPD): D. Senders		5/22/2007		REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS.		High Precision Devices								
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:	1448 Valtec Lane, Suite C, Boulder, Colorado 80301 Phone: (303) 447-2558 Fax: (303) 447-2548 Web Site: www.hpd-online.com									
MATERIAL:		6061-T6 Al	<table border="1"> <tr> <td>SIZE</td> <td>SCALE: 1:4</td> <td>DRAWN BY: Dave Senders (HPD)</td> <td>REV</td> </tr> <tr> <td>C</td> <td>SHEET 1 OF 1</td> <td>DATE PRINTED: 3/17/2009</td> <td>V2</td> </tr> </table>	SIZE	SCALE: 1:4	DRAWN BY: Dave Senders (HPD)	REV	C	SHEET 1 OF 1	DATE PRINTED: 3/17/2009	V2	P/N:	D071070	CONFIG: -
SIZE	SCALE: 1:4	DRAWN BY: Dave Senders (HPD)		REV										
C	SHEET 1 OF 1	DATE PRINTED: 3/17/2009	V2											
FINISH:		None		CAD FILE NAME:	D071070_Rib-Tan-Flexure_Cen									
MASS:		20.3 lbs		PROJECT:	HAM ISI, Advanced LIGO									