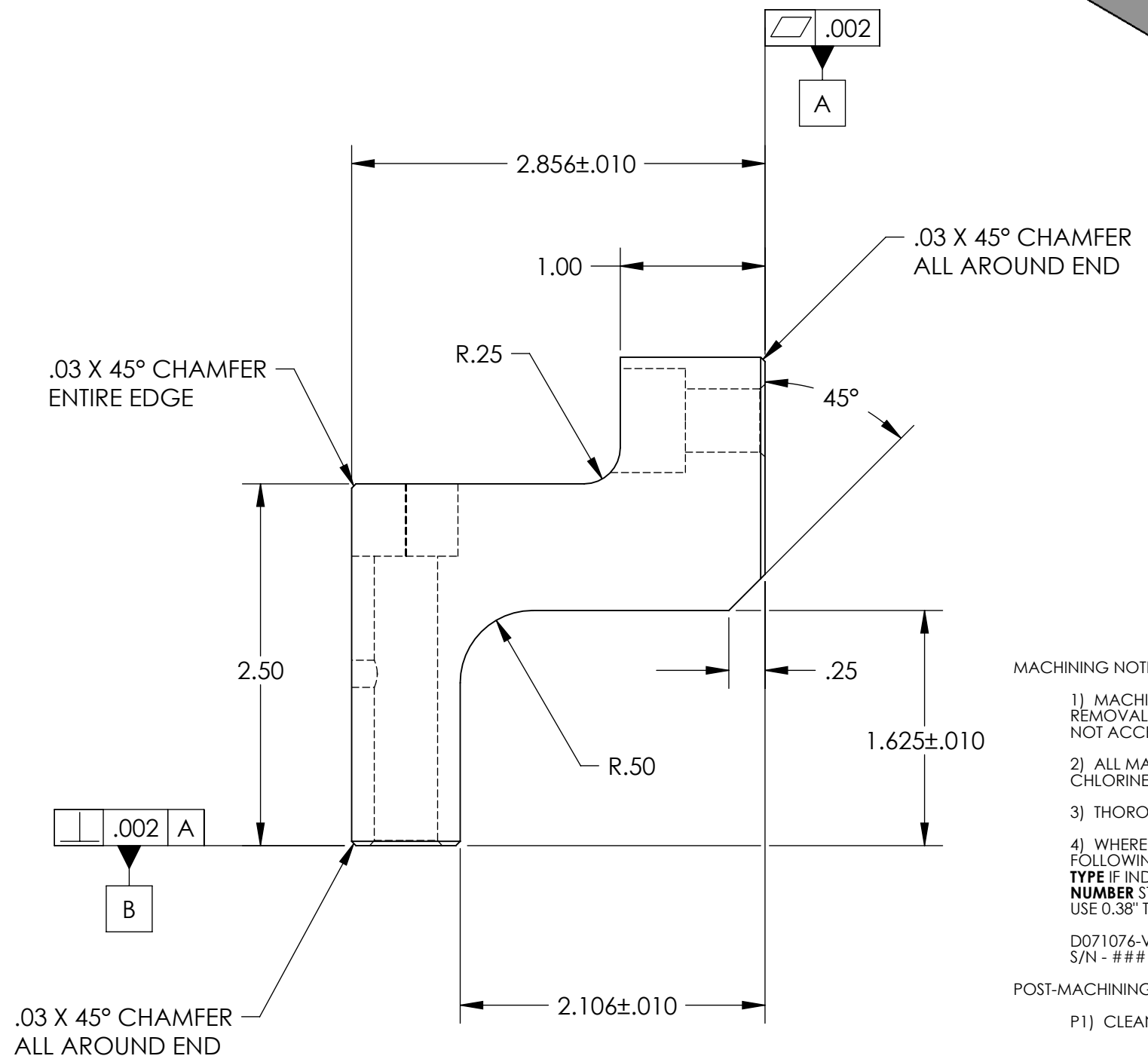
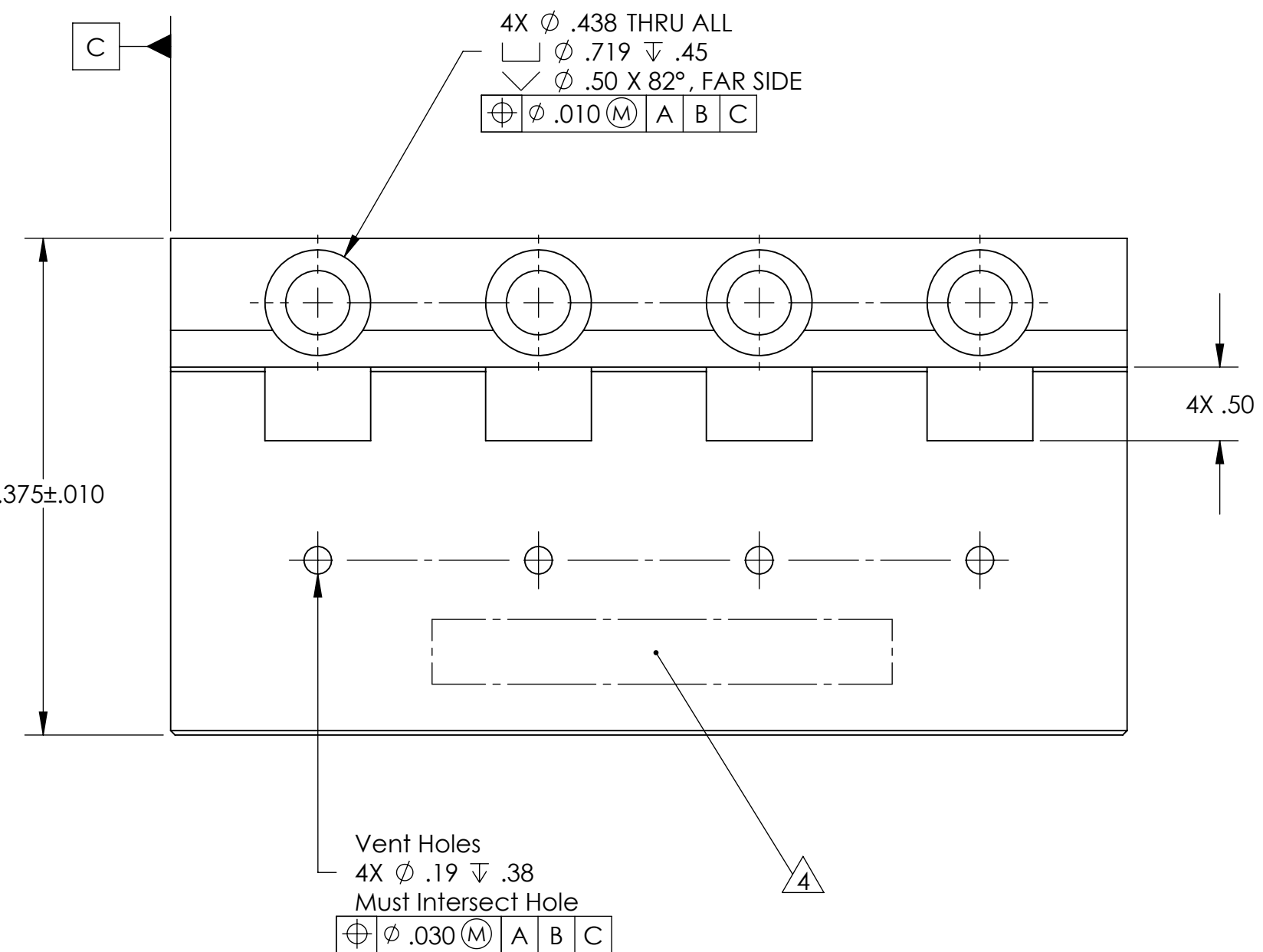
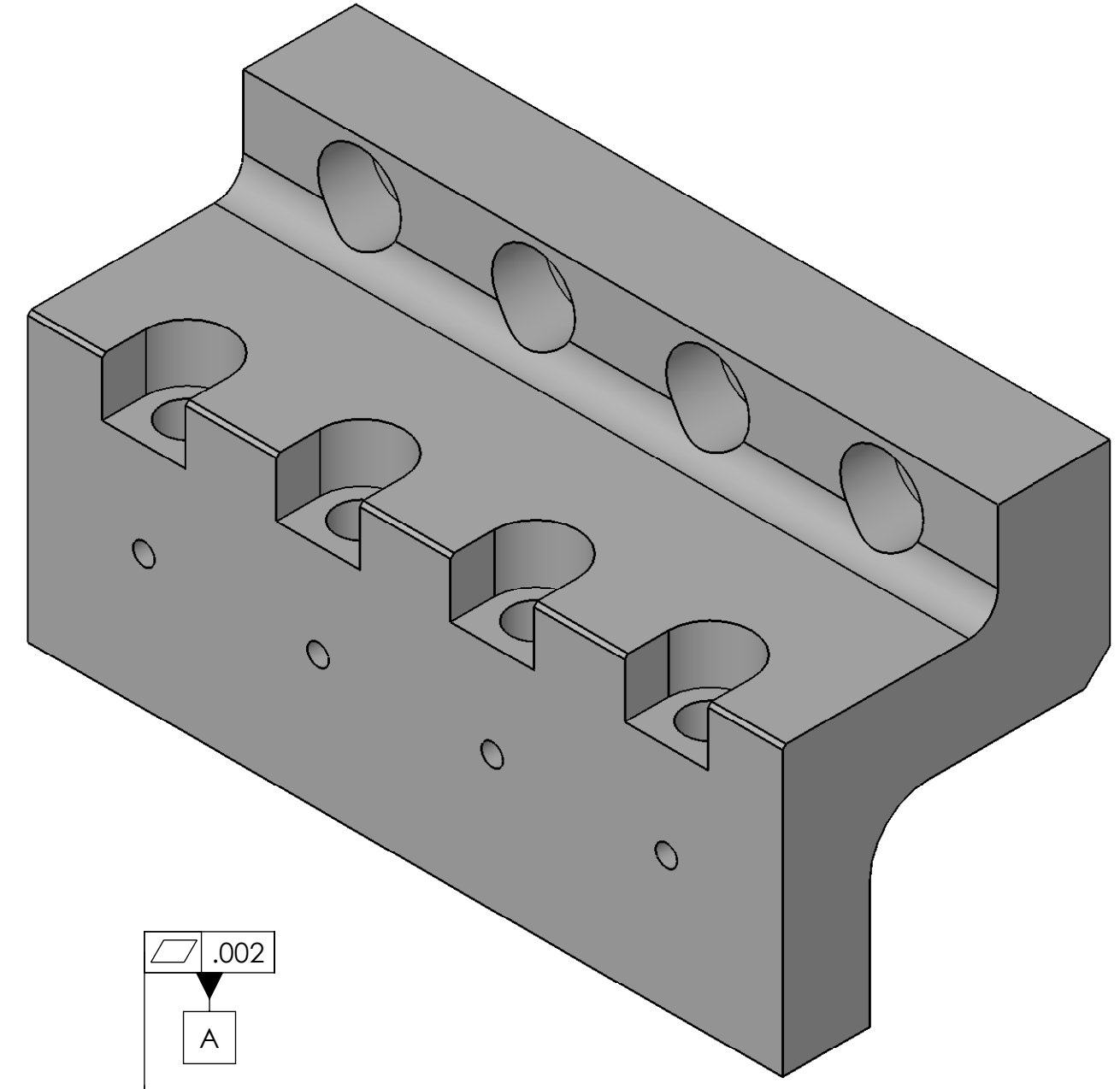
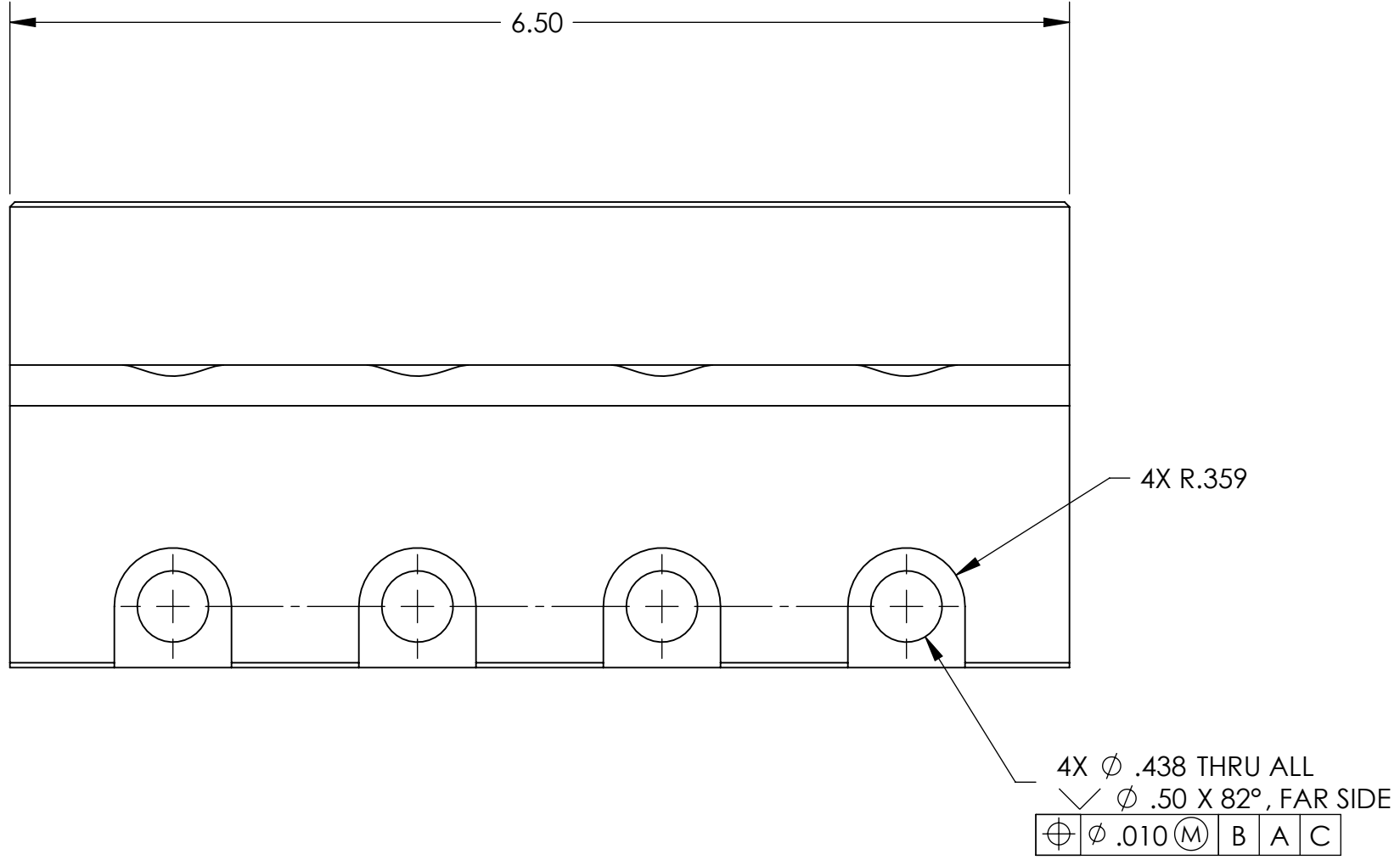


REVISION HISTORY				
REV	DATE	ECO	APPROVAL	DESCRIPTION
V1 / C	26 Jun 2007	1066	D. Senders	Release for Enhanced LIGO.
V2	31 Mar 2009		A. Stein	Release for Advanced LIGO. Added recessed pockets for 4x thru holes. Increased 1x fillet radius. Added chamfers and c/sinks.



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.

D071076-V2  
S/N - ###

POST-MACHINING NOTES:

P1) CLEAN TO LIGO STANDARDS, CLASS A.

<b>UNLESS OTHERWISE SPECIFIED:</b> DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES: .XX ±.015 .XXX ±.005 ANG TOL: ± 1° SURFACE ROUGHNESS: $\sqrt{1.6}$		<b>High Precision Devices</b> 1468 Valtrec Lane, Suite C, Boulder, Colorado 80301 Phone: (303) 447-2558 Fax: (303) 447-2548 Web Site: www.hpd-online.com
APPROVALS ENGINEERING (HPD): <b>D. Senders</b> 6/1/2007 QUALITY (HPD): <b>C. Danaher</b> 6/1/2007	DATE: 6/1/2007 DATE: 6/1/2007	<b>Flexure Post Bracket, Tan</b> P/N: <b>D071076</b> CONFIG: - CAD FILE NAME: D071076_Flexure_Post_Bracket-Tan
MATERIAL: <b>6061-T6 Al</b> FINISH: <b>None</b> MASS: <b>2.6 lbs</b>	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:	PROJECT: HAM ISI, Advanced LIGO SIZE: <b>C</b> SCALE: <b>1:1</b> DRAWN BY: <b>Dave Senders (HPD)</b> REV: <b>V2</b> SHEET <b>1</b> OF <b>1</b> DATE PRINTED: <b>3/31/2009</b>