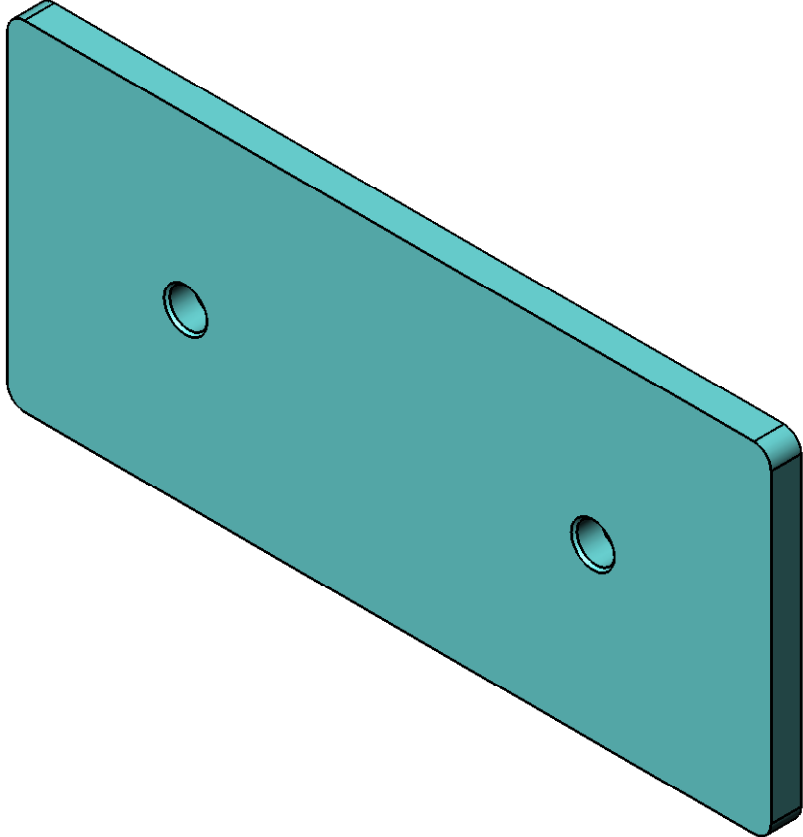
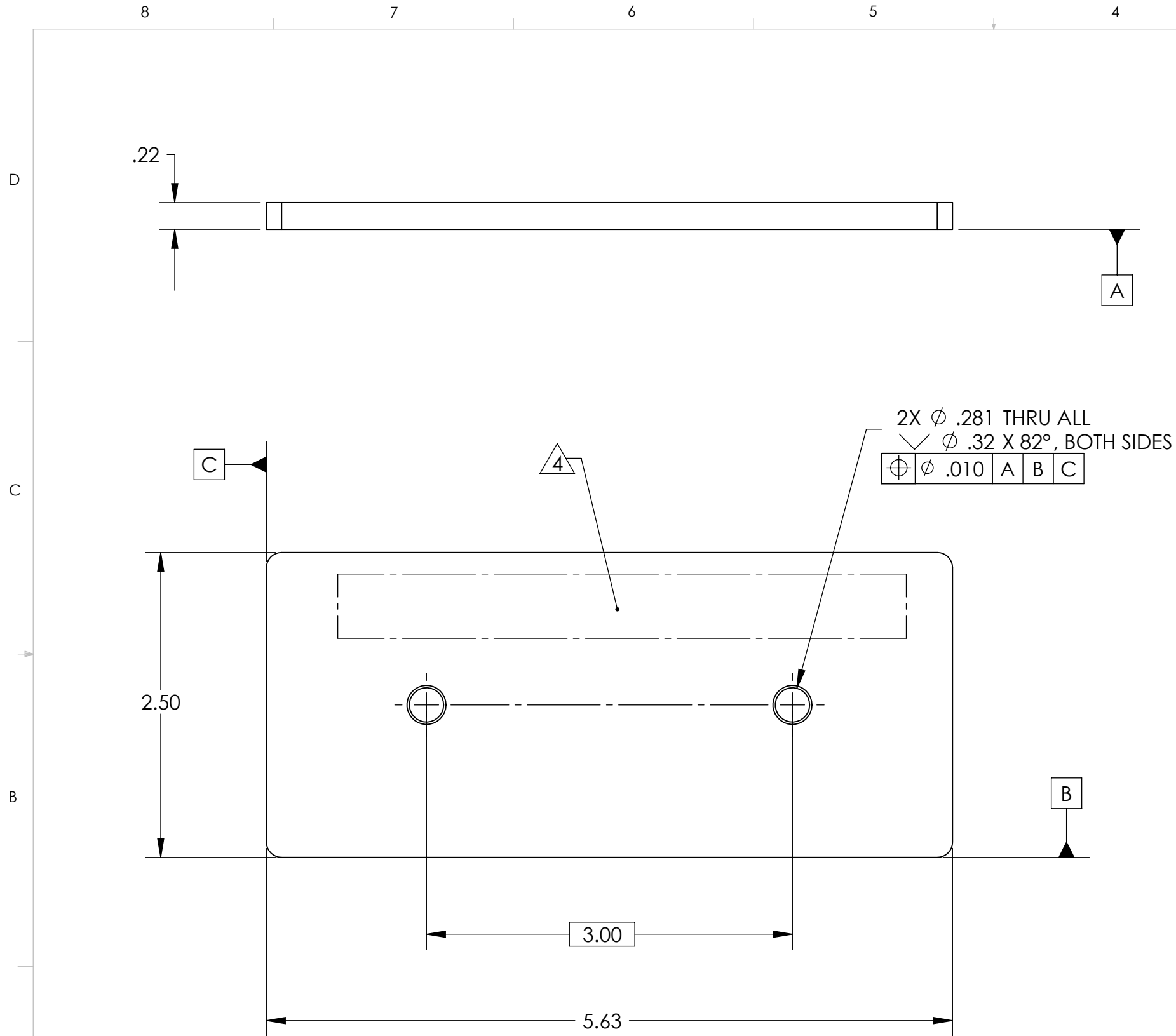


REVISION HISTORY				
REV	DATE	ECO	APPROVAL	DESCRIPTION
V1 / B	22 May 2007	1060	Daniel Bryce	Release for Enhanced LIGO.
V2	10 Mar 2009		A. Stein	Release for Advanced LIGO. Slight increase to hole size. Added c'sinks. Increased plate thickness.



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.

D071009-V2
S/N - ###

POST-MACHINING NOTES:

- P1) CLEAN TO LIGO STANDARDS, CLASS A.

APPROVALS	DATE
ENGINEERING (HPD): D. Bryce	5/22/2007
QUALITY (HPD): C. Danaher	5/22/2007
MATERIAL:	6061-T6 Al
FINISH:	None
MASS:	0.3 lbs

UNLESS OTHERWISE SPECIFIED:			
DIMENSIONS ARE IN INCHES			
DECIMAL TOLERANCES:			
.XX ±.015	.XXX ±.005		
ANG TOL: ± 1° SURFACE ROUGHNESS: \sqrt{Ra}			
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		MODIFIED BY:
		1668 Valtec Lane, Suite C, Boulder, Colorado 80301		
		Phone: (303) 447-2558 Fax: (303) 447-2548 Web Site: www.hpd-online.com		
DESCRIPTION: Particle Fence				
P/N:	D071009	CONFIG:	-	
CAD FILE NAME: D071009_Particle_Fence				
PROJECT: HAM ISI, Advanced LIGO				
SIZE	SCALE: 1:1	DRAWN BY:	Dan Bryce (HPD)	REV
B	SHEET 1 OF 1	DATE PRINTED:	3/13/2009	V2