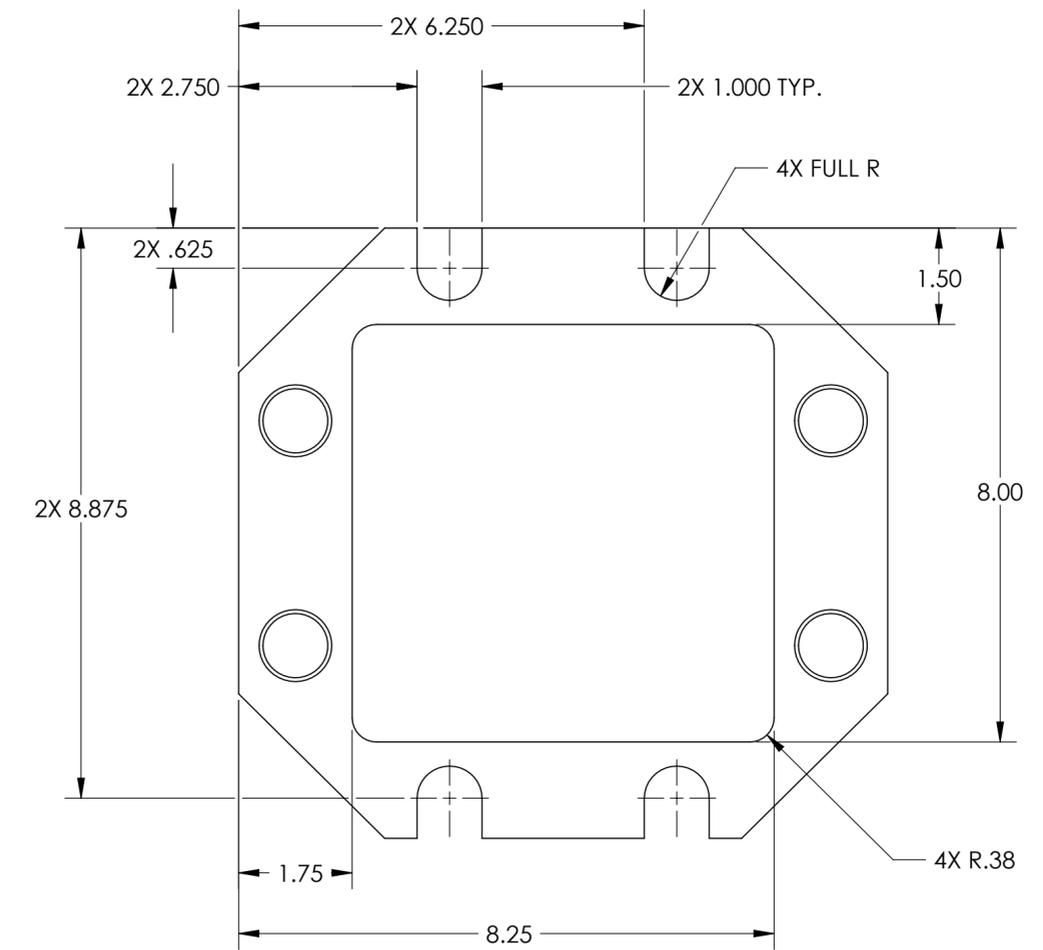
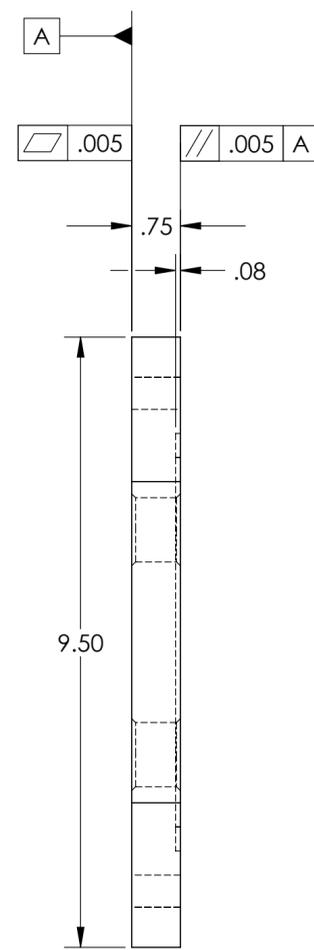
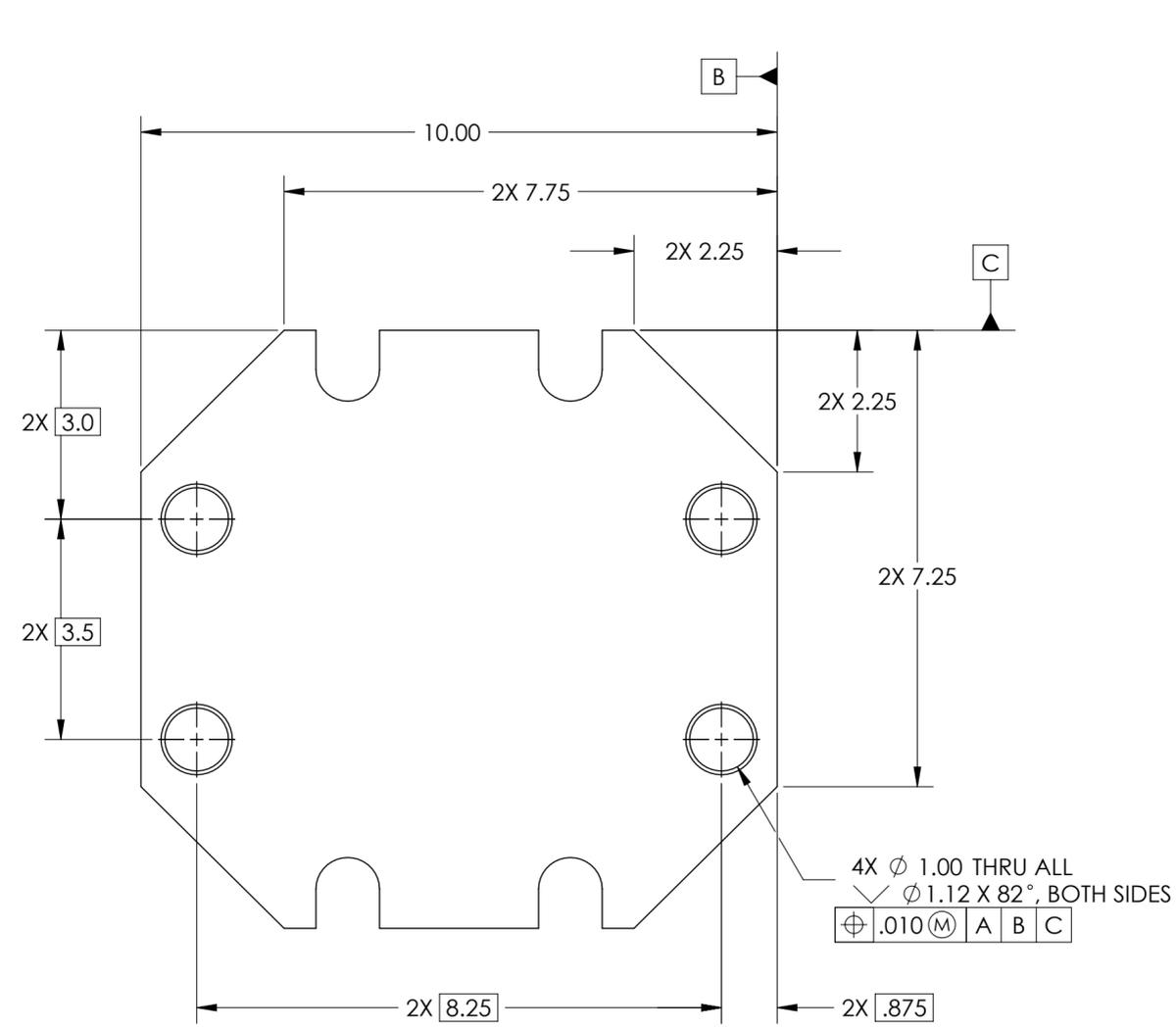
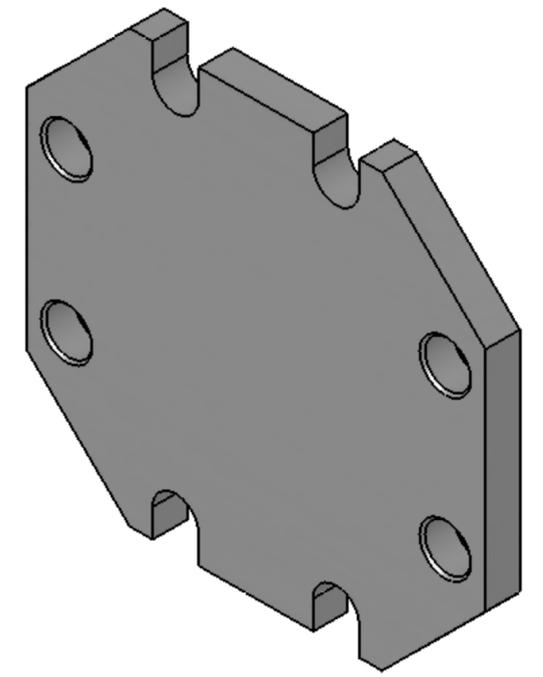


REV	DATE	APPROVAL	DESCRIPTION
00	06/18/2008	A. STEIN	PRE-RELEASE, FOR RFQ.
01	08/05/2008	A. STEIN	PROTOTYPE RELEASE.
02	08/26/2008	A. STEIN	SMALL DIM CHANGES TO POCKET AND CHAMFERED CORNERS.



4X ϕ 1.00 THRU ALL
 \checkmark ϕ 1.12 X 82°, BOTH SIDES
 \oplus .010 (M) A B C

NOTES:

1) REFER TO DWG. # D080462 FOR TOLERANCES FOR WELDED STRUCTURE. WHERE REASONABLE, PIECE PART TOLERANCES MAY BE LOOSENED, PROVIDED FINAL WELDMENT CONFORMS TO D080462.

NOTES: (UNLESS OTHERWISE SPECIFIED)

- DO NOT SCALE FROM DRAWING.
- REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS.
- ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. E.G. MILACRON CIMTECH 410.
- CLEAN THOROUGHLY TO REMOVE ALL OIL, DIRT, AND CHIPS.

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ± 0.015
 .XXX ± 0.005

ANGULAR ± 0.5°

SURFACE ROUGHNESS: $\sqrt{32}$

MATERIAL: LOW CARBON STEEL

FINISH: NONE

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:

\oplus .015 A B C

DRAWN	A. STEIN	DATE	06/18/2008
CHECKED			
APPROVED			

CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 IGR, GLASGOW UNIVERSITY GEO 600 GROUP

SYSTEM: ADVANCED LIGO
 SUB-SYSTEM: SEI
 NEXT ASSY: D080462
 PART NAME: HAM CROSSBEAM CONNECTOR HEP1 PLATE
 SIZE: C DWG. NO.: D080459 REV. 02
 SCALE: 1:2 PROJECTION: \oplus SHEET 1 OF 1