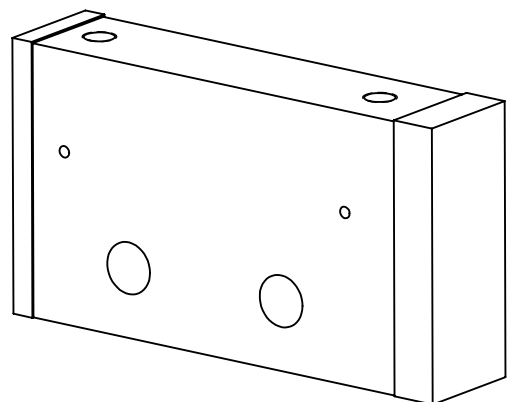
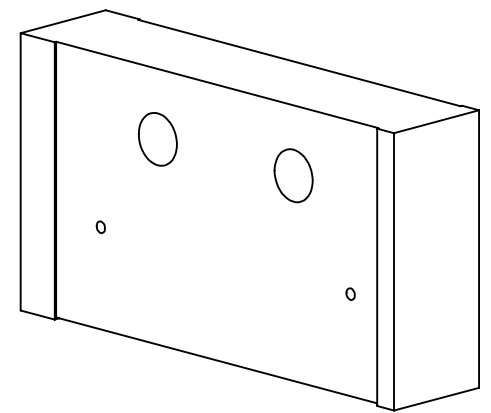
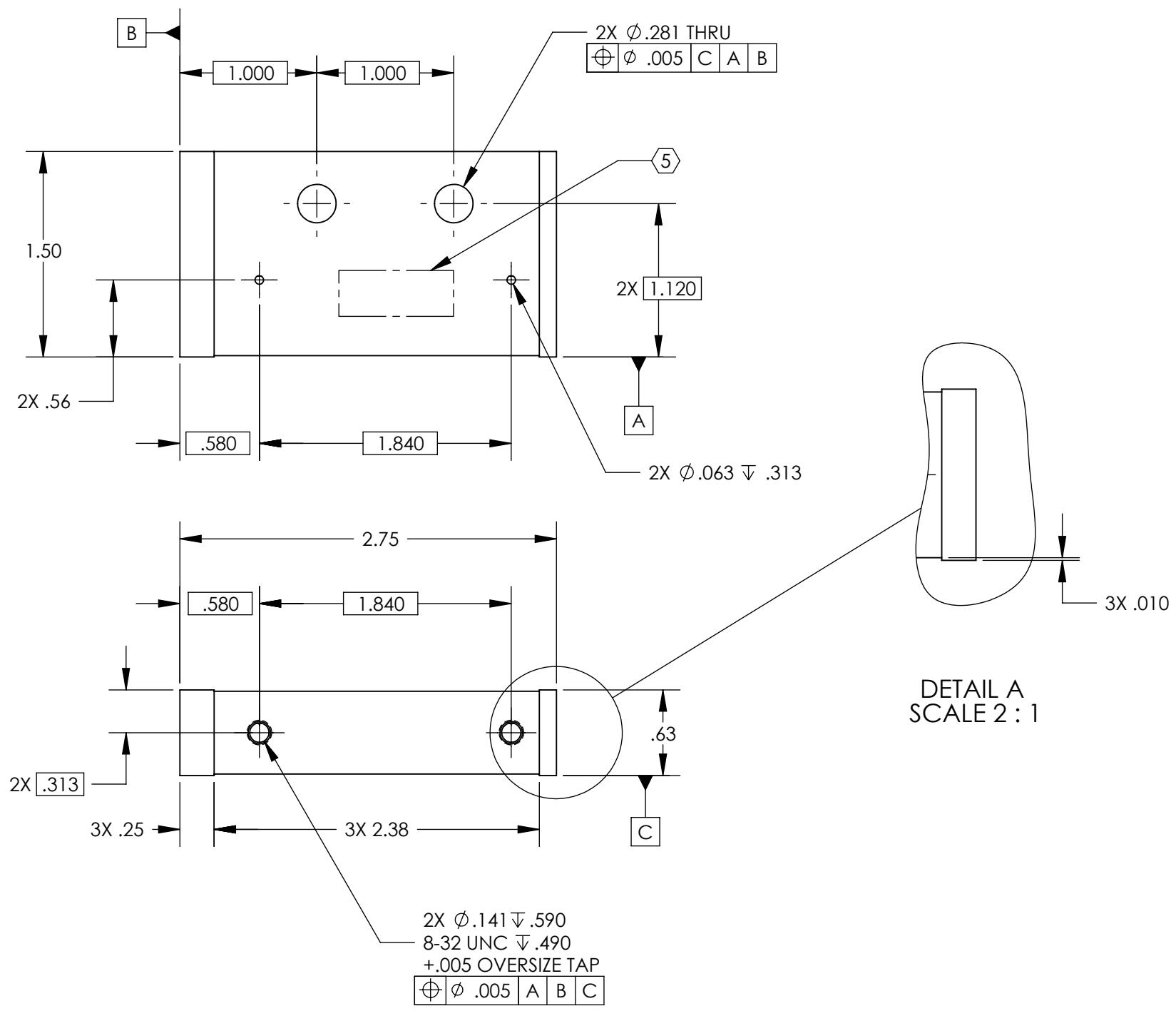


NOTES CONTINUED:
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.
 EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	01 JUL 2009	DCN #	
v2	07 OCT 2010	E1000563	
v3	28 FEB 2011	E1000563	



D0900169_AdlIGO_AOS_D0900170_Crossbar Side, PART PDM REV: X-015, DRAWING PDM REV: X-015

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± °				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.		CROSSBAR SIDE	
MATERIAL 6061-T6 Al				FINISH 63 µinch		SYSTEM ADVANCED LIGO SUB-SYSTEM AOS	
NEXT ASSY D0900170 & D1002256				DESIGNER N.Nguyen 26 MAY 2009		SIZE DWG. NO. B D0900169	
				CHECKER M. SMITH 01 JUL 2009		REV. v3	
				APPROVAL C. TORRIE 01 JUL 2009		SCALE: 1:1 PROJECTION: SHEET 1 OF 1	