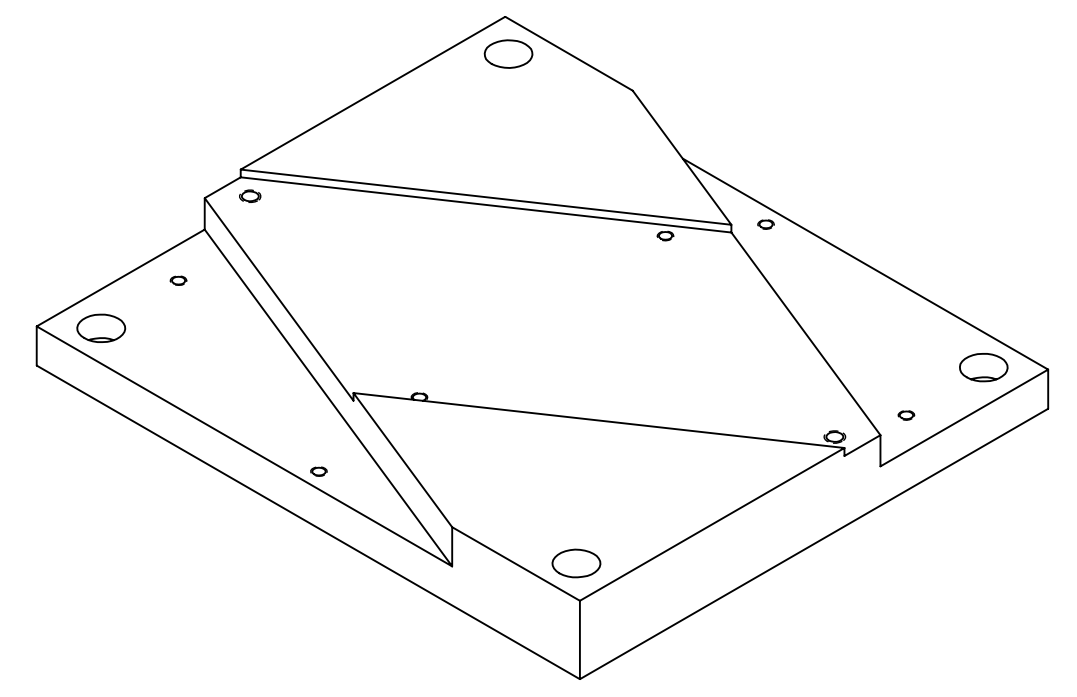
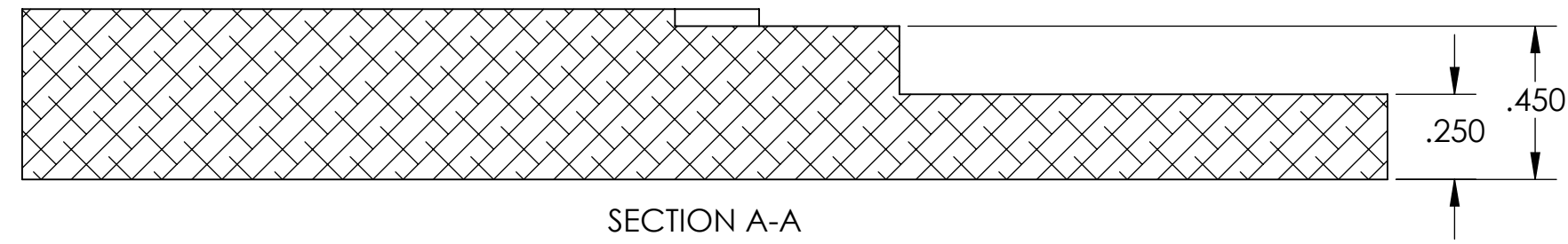


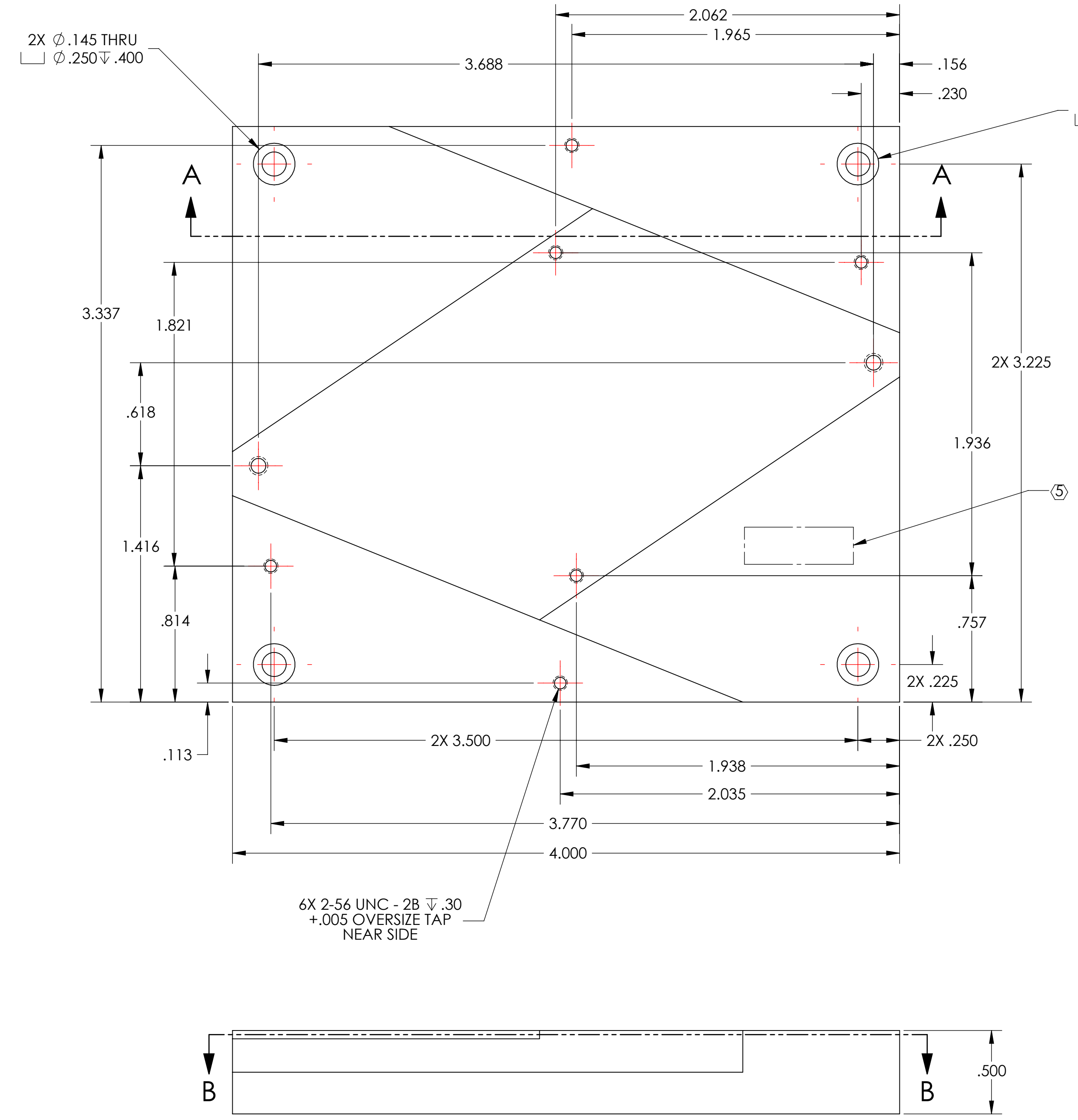
NOTES CONTINUED:  
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR TYPE IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. 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. APPROXIMATE WEIGHT = 0.547 LB.  
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.  
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	8 OCT 2010	E1000563	



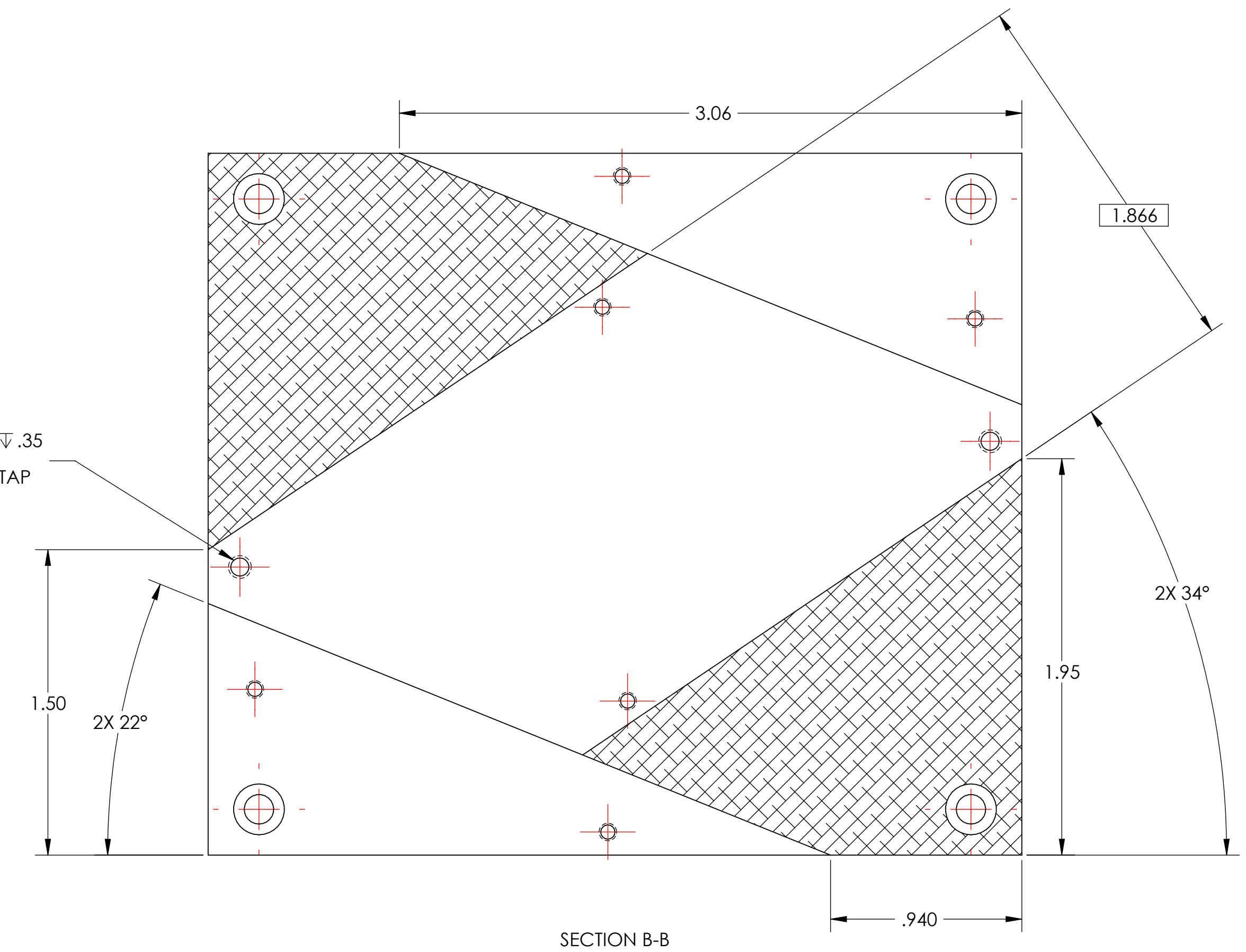
GENERAL VIEW FOR REFERENCE ONLY  
NO SCALE



2X Ø.145 THRU  
Ø.250 ±.150

2X #4-40 UNC-2B ±.35  
DRILL THRU  
+.005 OVERSIZE TAP

6X 2-56 UNC - 2B ±.30  
+.005 OVERSIZE TAP  
NEAR SIDE



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 0.5°				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 MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		<b>PRISM MOUNT BASE_LH</b>	
MATERIAL 6061-T6 Al		FINISH 63 μinch		SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS	
NEXT ASSY D0900614				DESIGNER TQ. NGUYEN		DATE 21 JUL 2010	
				DRAFTER TQ. NGUYEN		DATE 26 AUG 2010	
				CHECKER M. SMITH		SIZE D	
				APPROVAL D. COYNE		DWG. NO. <b>D0900616</b>	
				SCALE: 2:1		PROJECTION:	
				SHEET 1 OF 1		REV. v1	

D0900616\_LH\_LIGO\_AOS\_E0900364\_Faraday Isolator Prism Base\_LH\_PART.FDM REV: X.007\_DRAWING.FDM REV: X.005