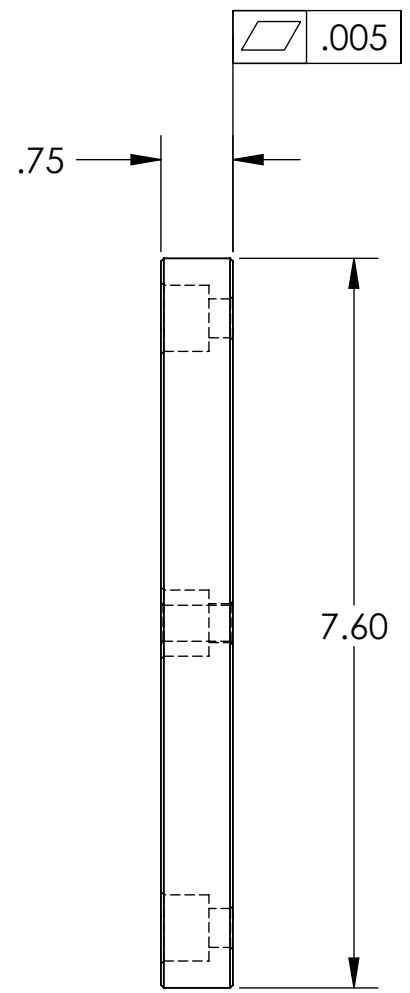
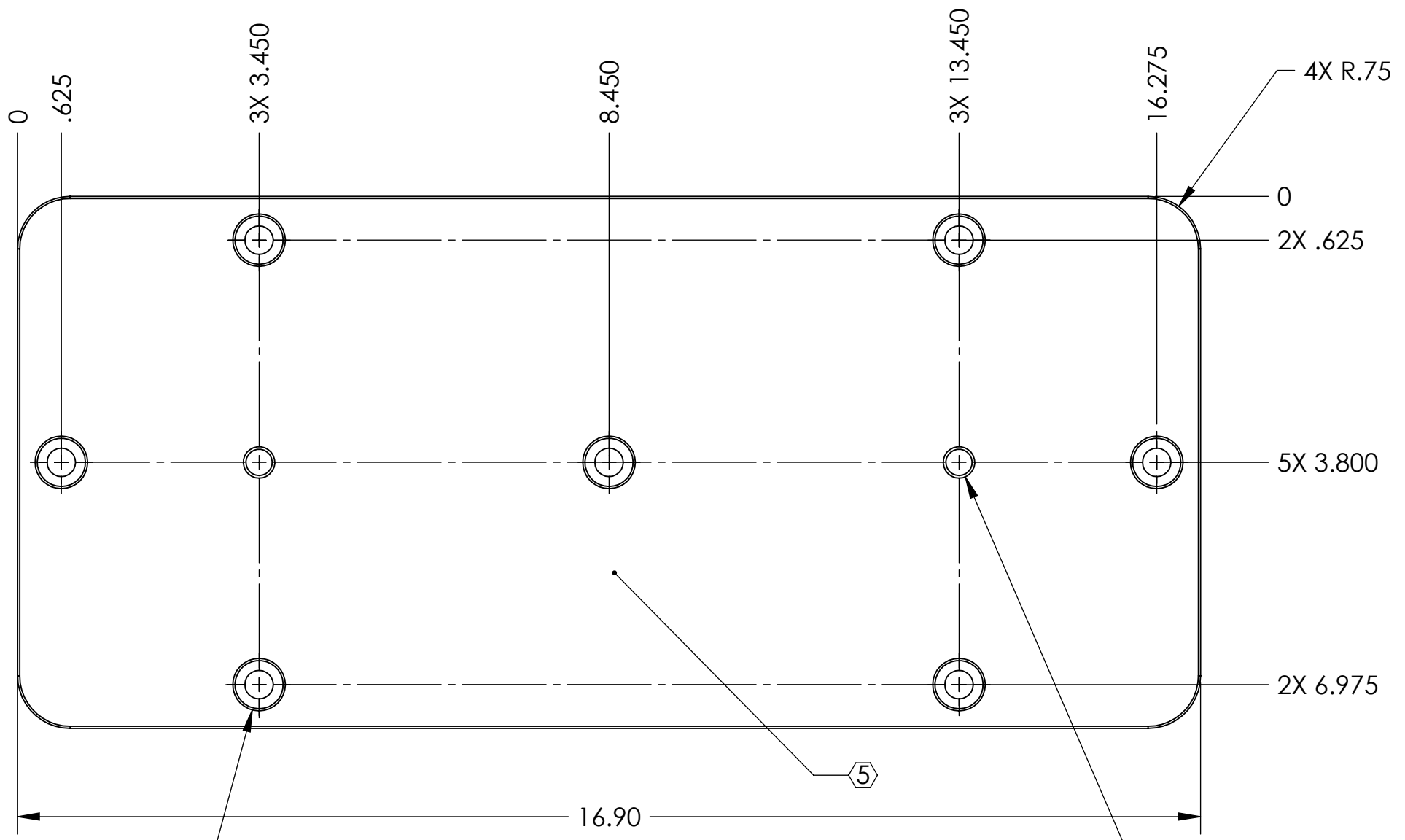


8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
v1	12 Mar. 2010	E1000020	E1000025

NOTES CONTINUED:
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07 HIGH CHARACTERS. EXAMPLE DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.
 6. APPROXIMATE WEIGHT = 9.2 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.
 9. A TAPPED HOLE PITCH DIAMETER LIMIT OF H11 APPLIES.



7X Ø .406 THRU ALL
 □ Ø .688 ± .50
 ✓ Ø .75 X 90°, NEAR SIDE
 ✓ Ø .46 X 90°, FAR SIDE

2X Ø .313 THRU ALL
 3/8-16 UNC THRU ALL
 ✓ Ø .45 X 120°, NEAR SIDE
 ✓ Ø .45 X 120°, FAR SIDE

D0901843_Cover_2-BSC_Optical_Table, PART PDM REV: X-007, DRAWING PDM REV: X-008

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		Cover 2, Optical Table, aLIGO BSC ISI	
TOLERANCES: .XX ± .015 .XXX ± .005				SUB-SYSTEM SEI		DESIGNER	A.STEIN 11 Jan. 2010
ANGULAR ± 0.5°				NEXT ASSY D0901181		DRAFTER	M.HILLARD 11 Jan. 2010
MATERIAL 6061-T6 Al				FINISH 63 µinch		CHECKER	F.MATICHARD 11 Jan. 2010
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. BREAK ALL EDGES AND CORNERS .03 X 45°. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				APPROVAL		K.MASON 11 Jan. 2010	SIZE DWG. NO. B D0901843
						SCALE: 1:2 PROJECTION: SHEET 1 OF 1	

8 7 6 5 4 3 2 1