

D0901530_Adapter-Large_Hex_Wall-BSC_ISI, PART PDM REV: X-019, DRAWING PDM REV: X-006

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

NOTES CONTINUED:

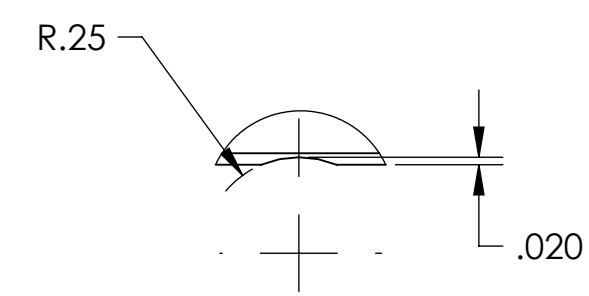
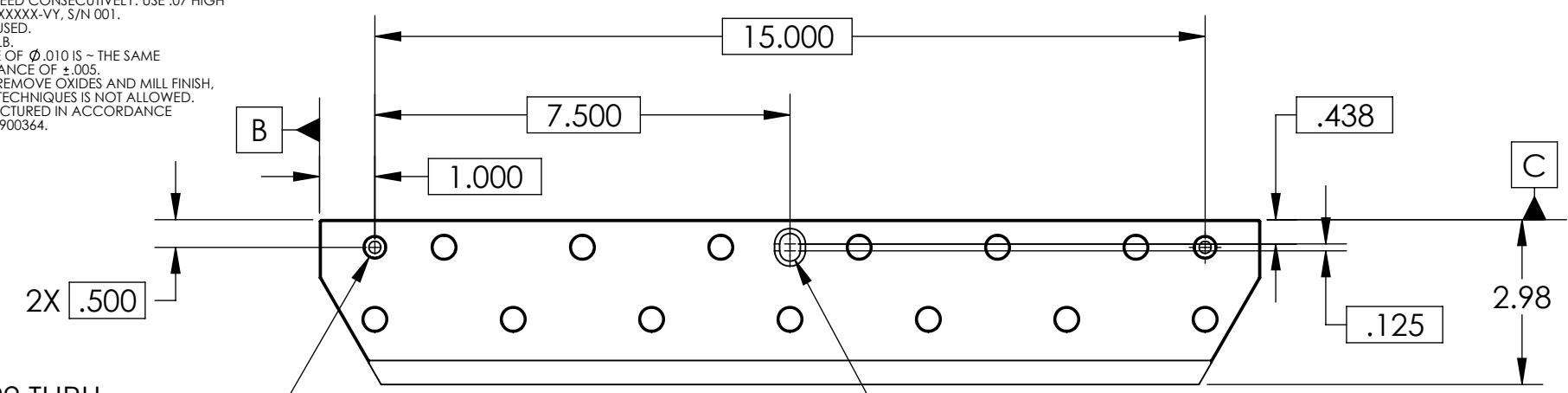
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07 HIGH CHARACTERS. EXAMPLE DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.

6. APPROXIMATE WEIGHT = 3.1 LB.

7. A TRUE POSITION TOLERANCE OF $\phi .010$ IS ~ THE SAME AS A CONVENTIONAL TOLERANCE OF $\pm .005$.

8. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.

9. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.



2X $\phi .22$ THRU

$\phi .3750^{+.0000}_{-.0004} \nabla .60$

$\phi .377^{+.001}_{-.000} \nabla .13$

$\phi .42 \times 90^\circ$, NEAR SIDE

$.25 \times 90^\circ$ FAR SIDE

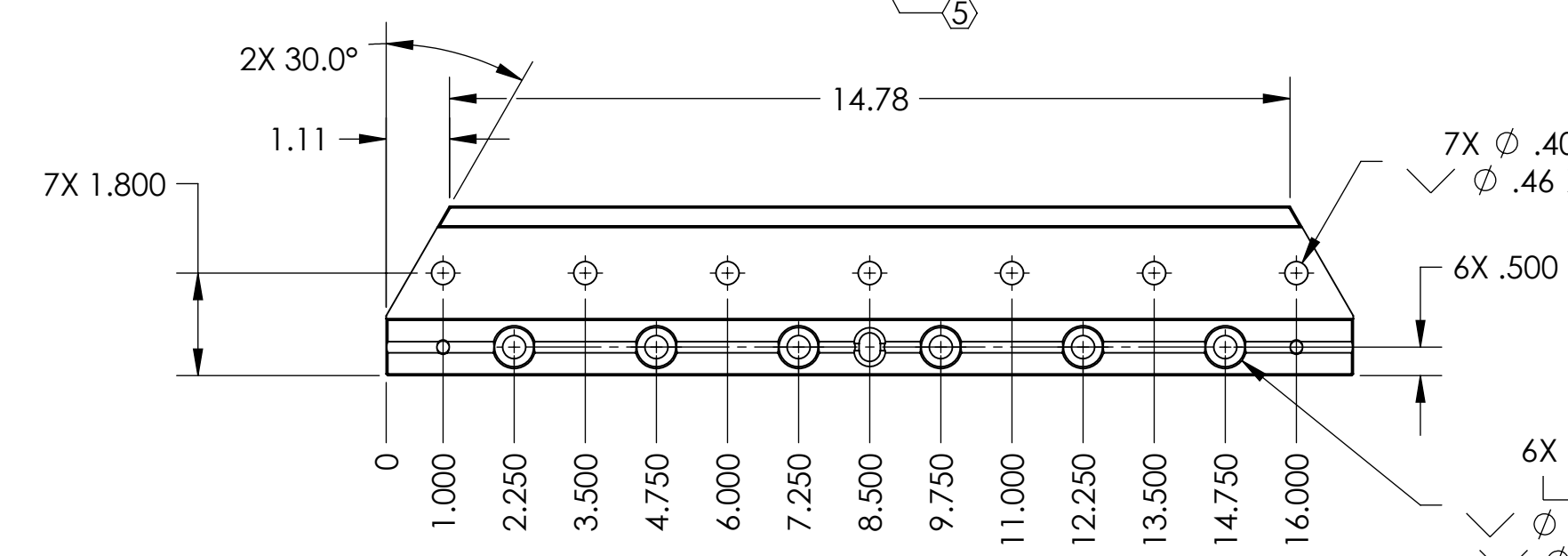
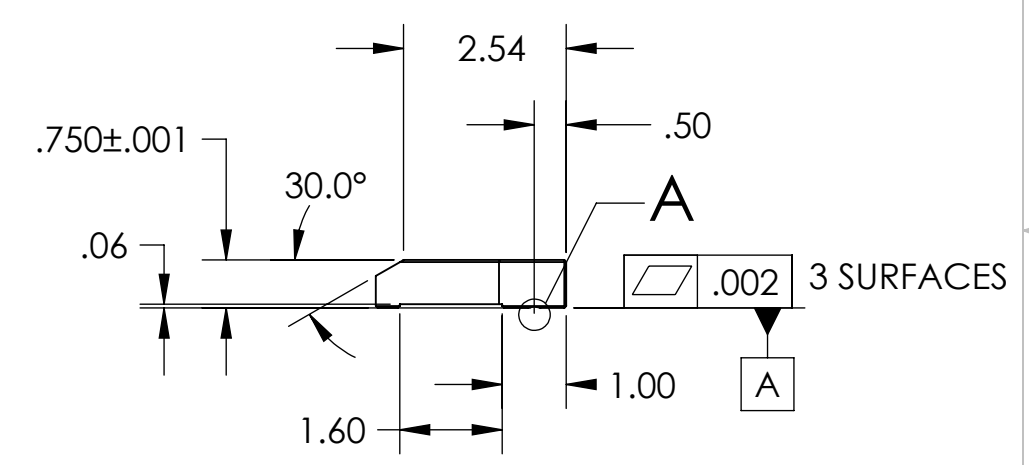
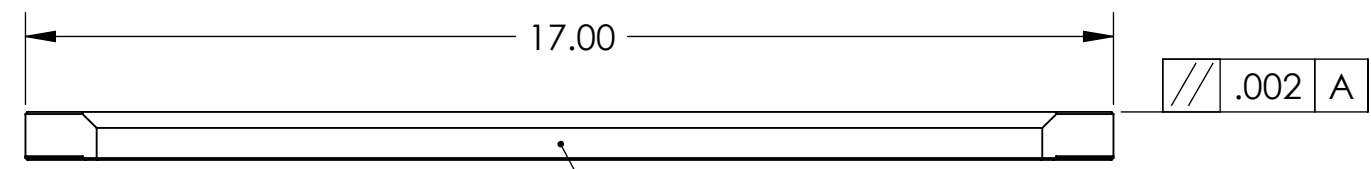
$\phi .002 \text{ (M) } A B C$

$\phi .3757^{+.0008}_{-.0000}$ THRU SLOT

BREAK EDGE $.09 \times 45^\circ$

BOTH SIDES

$\phi .002 \text{ (M) } A B C$



7X $\phi .406$ THRU ALL

$\phi .46 \times 90^\circ$, FAR SIDE

6X $\phi .500$

6X $\phi .406$ THRU ALL

$\phi .688 \nabla .50$

$\phi .75 \times 90^\circ$, NEAR SIDE

$\phi .46 \times 90^\circ$, FAR SIDE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		Adapter, Large Hex Wall, aLIGO BSC ISI	
TOLERANCES: .XX $\pm .015$.XXX $\pm .005$				SEI		DESIGNER	A.STEIN 11 Jan. 2010
ANGULAR $\pm 0.5^\circ$				NEXT ASSY		DRAFTER	M.HILLARD 11 Jan. 2010
MATERIAL 6061-T6 Al				FINISH 63 μ inch		CHECKER	F.MATICHARD 11 Jan. 2010
				D0901181		APPROVAL	K.MASON 11 Jan. 2010
						SIZE DWG. NO.	B D0901530
						REVISION	v1
						SCALE: 1:3	PROJECTION:
						SHEET 1 OF 1	