

D0901526_Hex_Wall-Upper-Large-BSC_ISI, PART PDM REV: X-029, DRAWING PDM REV: X-008

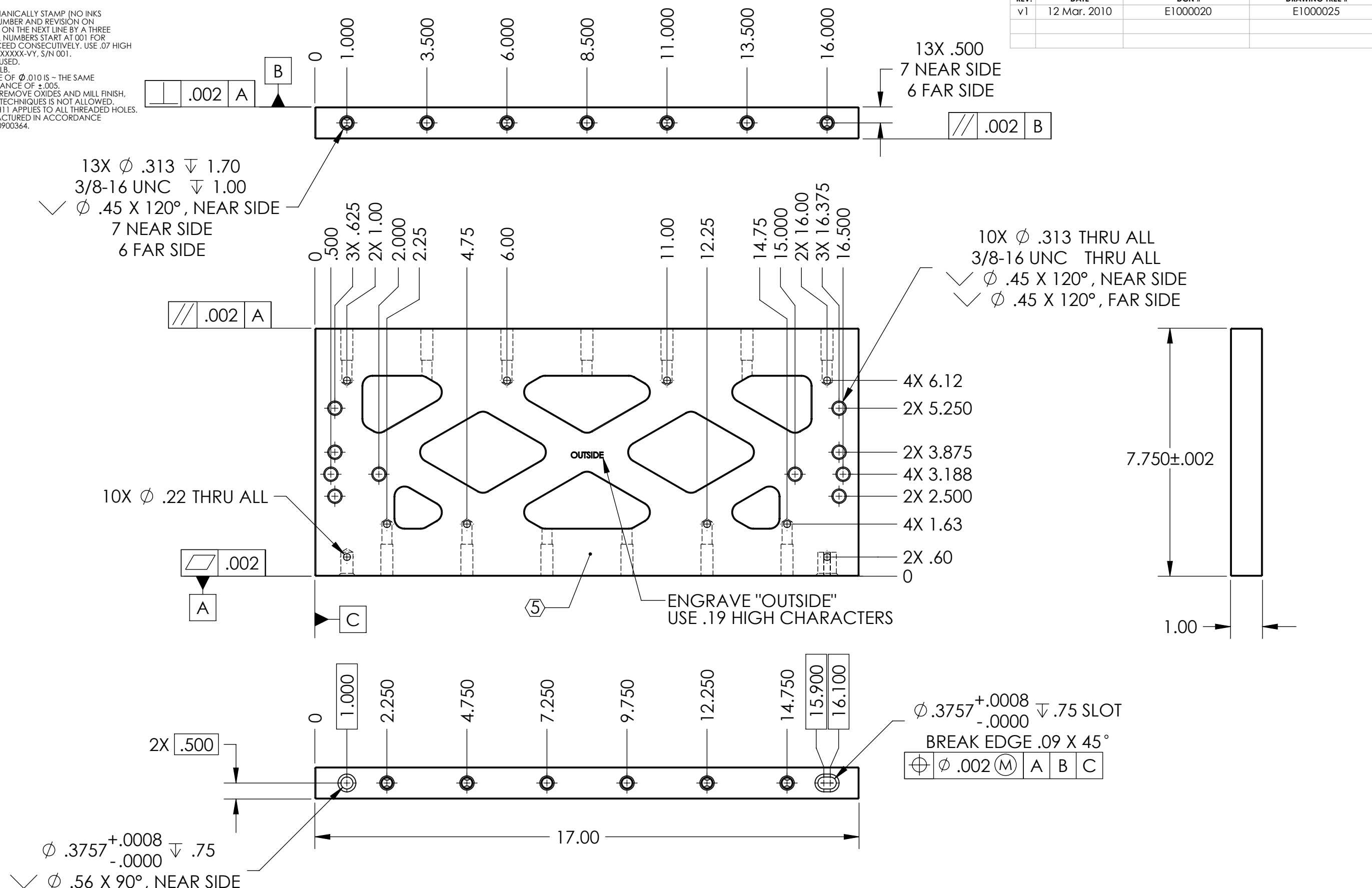
REV.	DATE	DCN #	DRAWING TREE #
v1	12 Mar. 2010	E1000020	E1000025

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 = 9.6 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. A PITCH DIAMETER LIMIT OF H11 APPLIES TO ALL THREADED HOLES.
10. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

D
C
B
A

D
C
B
A



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		Hex Wall, Upper, Large, aLIGO BSC ISI	
TOLERANCES: .XX $\pm .015$.XXX $\pm .005$				SEI		DESIGNER	A.STEIN 11 Jan. 2010
ANGULAR $\pm 0.5^\circ$				MATERIAL 6061-T6 Al		DRAFTER	M.HILLARD 11 Jan. 2010
				FINISH 63 μ inch		CHECKER	F.MATICHARD 11 Jan. 2010
				NEXT ASSY D0901181		APPROVAL	K.MASON 11 Jan. 2010
						SIZE DWG. NO.	B D0901526
						REV.	v1
						SCALE: 1:3	PROJECTION:
						SHEET 1 OF 2	

8 7 6 5 4 3 2 1

D0901526_Hex_Wall-Upper-Large-B5C_ISI, PART PDM REV: X-029, DRAWING PDM REV: X-008

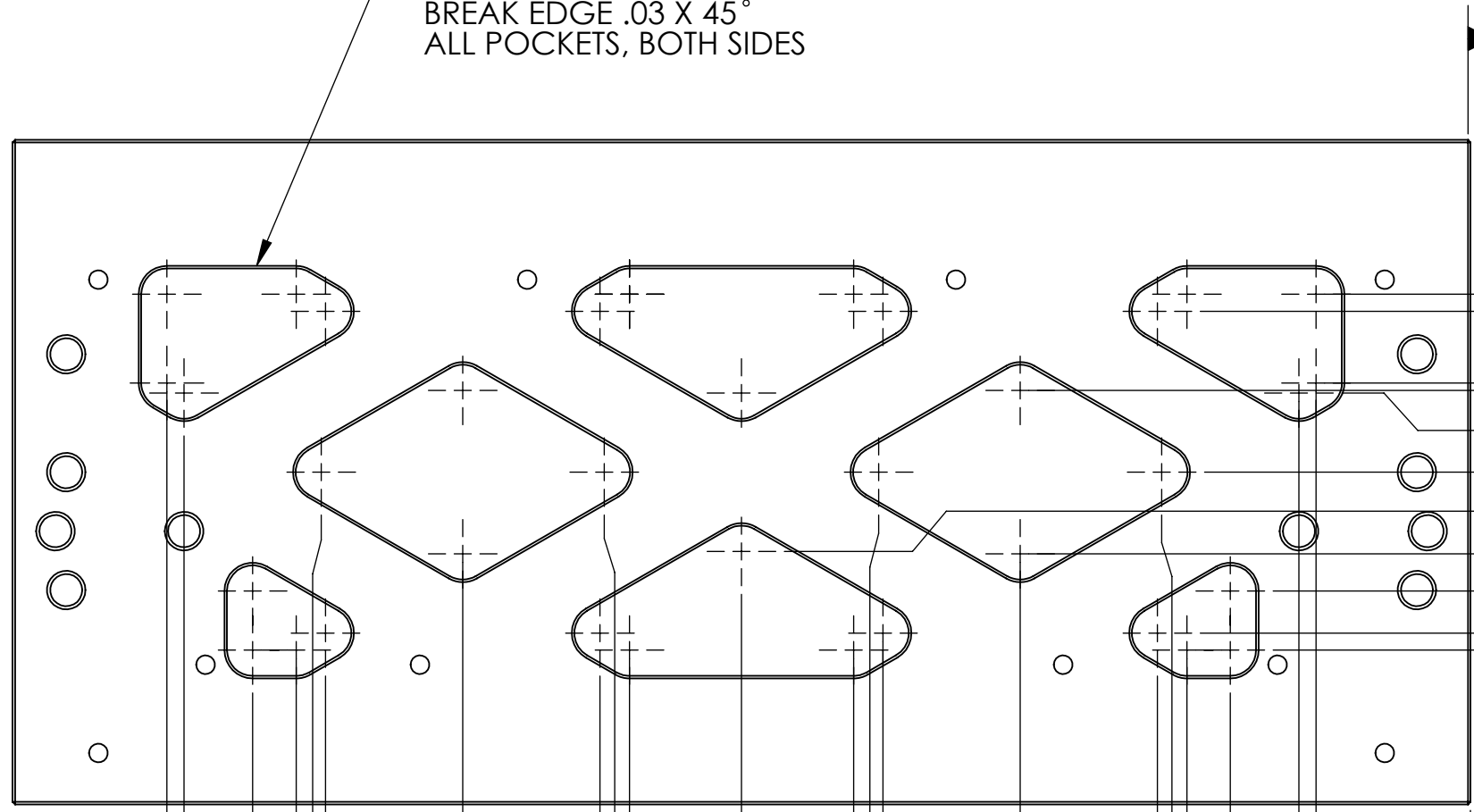
8 7 6 5 4 3 2 1

SCALE 1/2

D
C
B
A

D
C
B
A

THRU POCKETS
BREAK EDGE .03 X 45°
ALL POCKETS, BOTH SIDES



2X 15.20
15.00
2X 14.20
2X 13.69
13.40
2X 13.35
2X 11.75
2X 10.15
10.10
2X 9.81
2X 8.50
2X 7.19
6.90
2X 6.85
2X 5.25
2X 3.65
3.60
2X 3.31
2X 2.80
2.00
2X 1.80
0

6X 5.95
4X 5.75
2X 4.91
2X 4.83
3X 4.80
4X 3.88
2.95
2X 2.92
2X 2.49
4X 2.00
6X 1.80
0

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D0901526	v1
SCALE: 1:2		PROJECTION:
		SHEET 2 OF 2

8 7 6 5 4 3 2 1