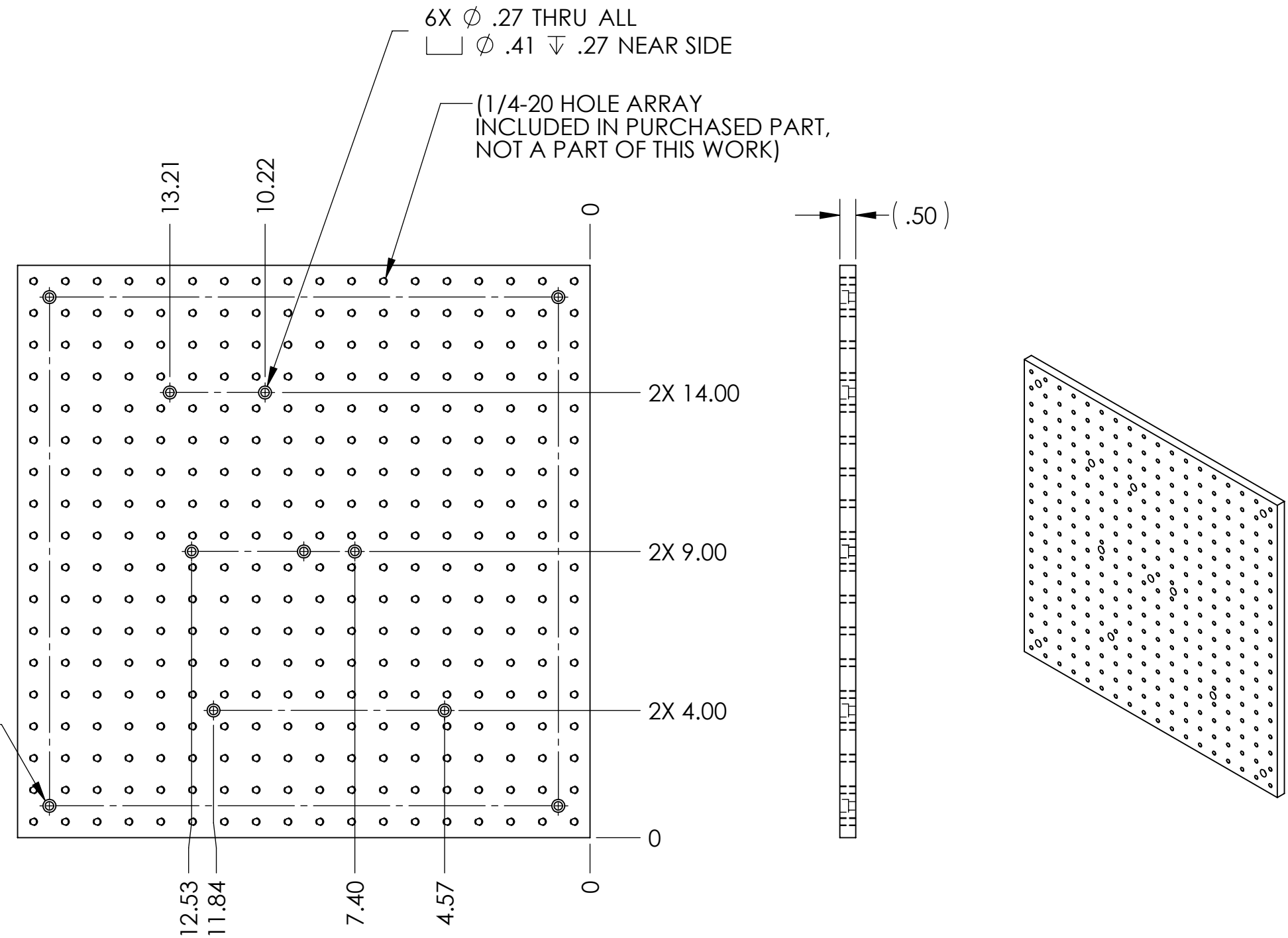


REV.	DATE	DCN #	DRAWING TREE #
v1	07 FEB 2011	E1000182	-
-	-	-	-
-	-	-	-

- NOTES: UNLESS OTHERWISE SPECIFIED**
1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES 0.005" to 0.015".
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.
 5. APPROXIMATE WEIGHT = 15.24 LB.
 6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 7. ALL HELI-COIL HOLES TO BE PREPARED ACCORDING TO EMHART HELI-COIL PRODUCT CATALOG, HC2000, REV 4
 8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
 9. PURCHASE PART FROM: THORLABS, PART NO. MB18



(INCLUDED IN PURCHASED PART, NOT A PART OF THIS WORK)

**LEFT HAND SIDE SHOWN
RIGHT HAND SIDE OPPOSITE**

D1001509 aLIGO AOS Oplev RX Breadboard, PART PDM REV: X-018, DRAWING PDM REV: X-006

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS	
TOLERANCES: .XX ± .03 .XXX ± .005				MATERIAL 6061-T6 Al		FINISH N/A μinch	
ANGULAR ± .5°				NEXT ASSY D1000311 D1001212 D1001325 D1001330		DESIGNER C. CONLEY 26 MAY 2010	
						DRAFTER J. TERRAZAS 02 FEB 2011	
						CHECKER	
						APPROVAL	
						SCALE: 1:4 PROJECTION:	
						SHEET 1 OF 1	
						ALIGO AOS OPLEV RX BREADBOARD	
						SIZE DWG. NO. B D1001509	
						REV. v1	