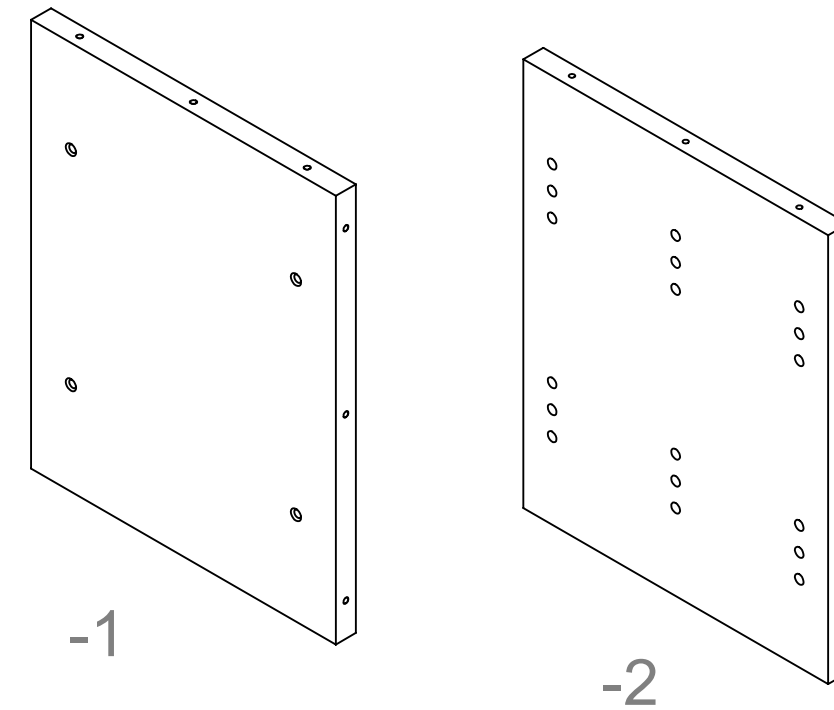
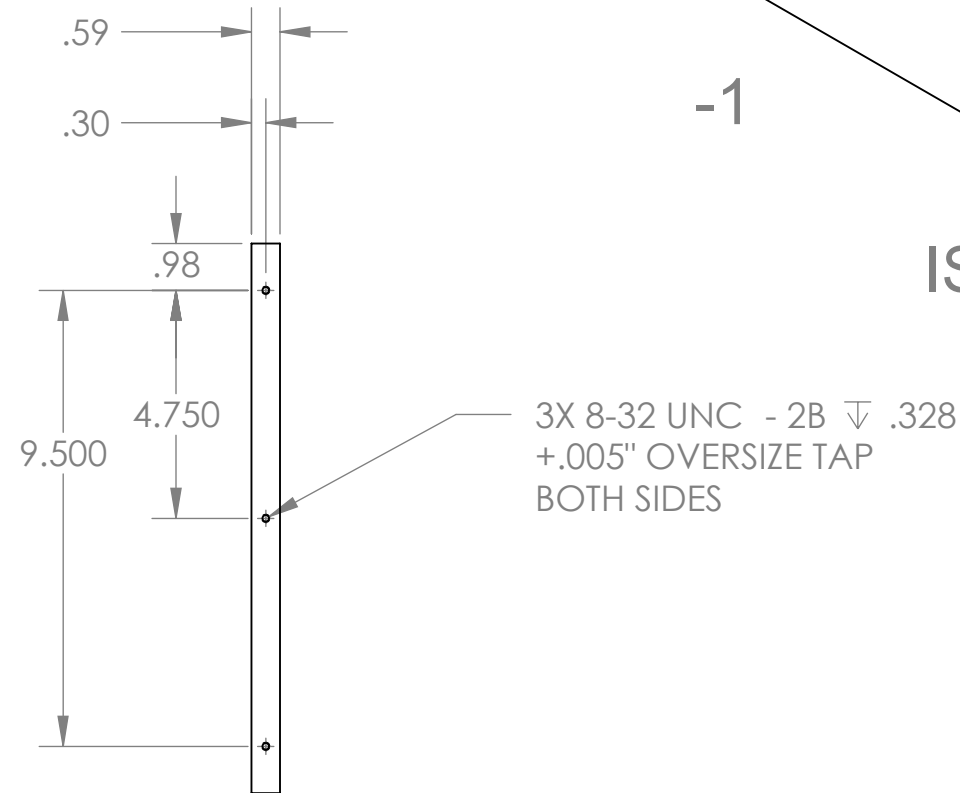
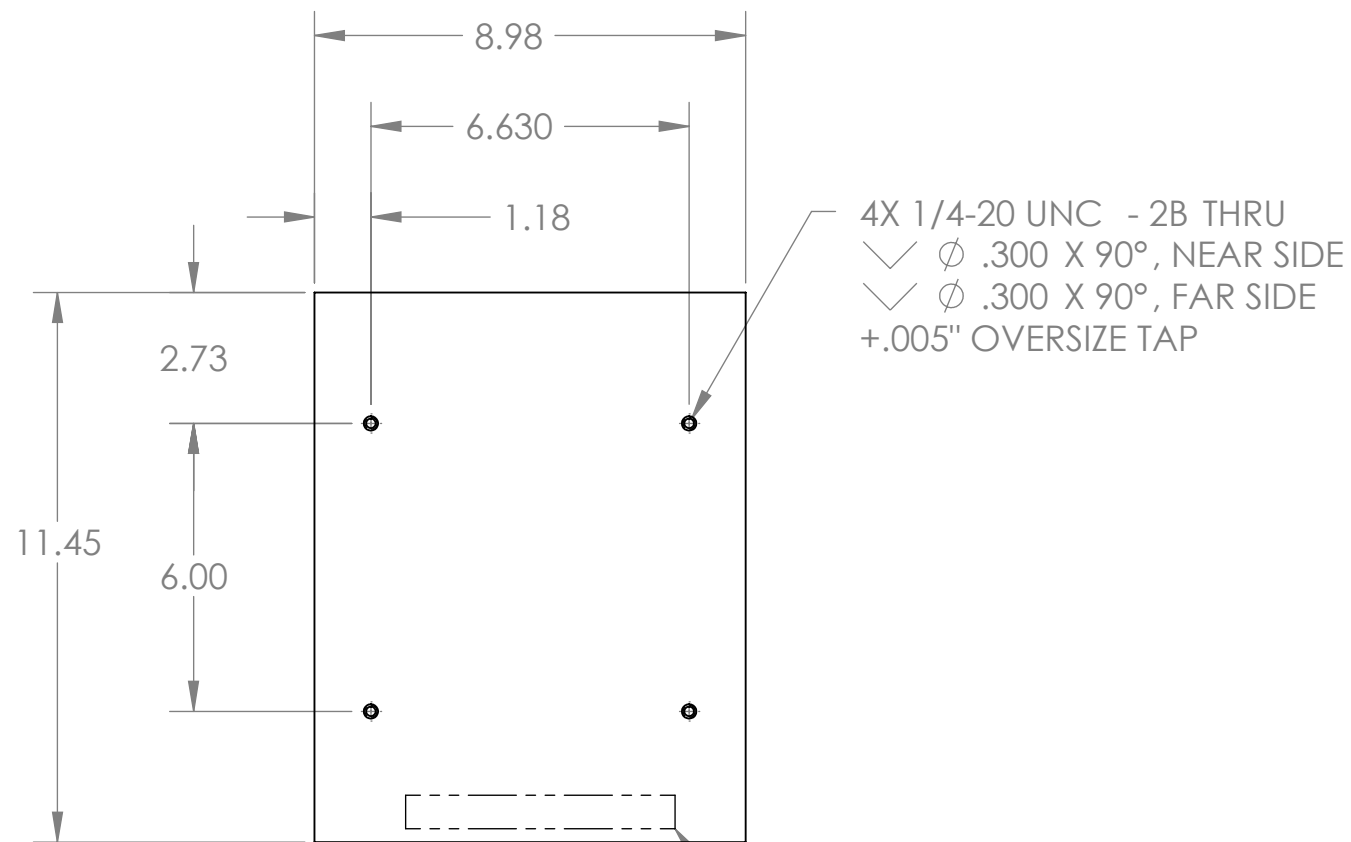
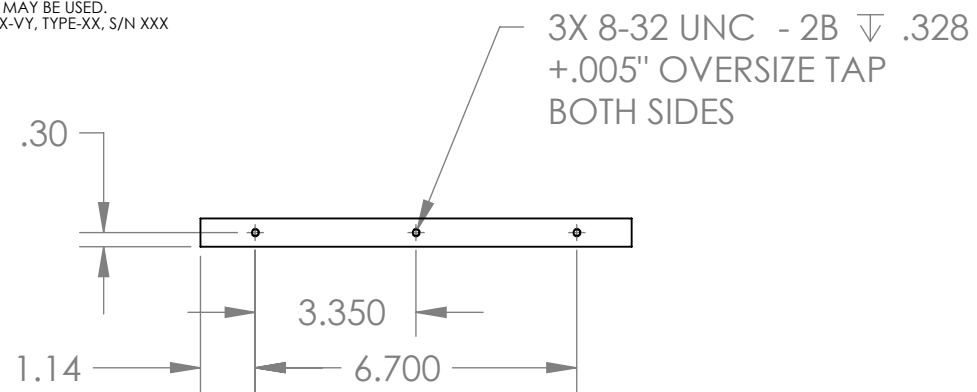


D1001611 aLIGO AOS OpLev Pier Table (HAM, PR3, SR3), PART PDM REV: X-032, DRAWING PDM REV: X-007

**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

REV.	DATE	DCN #	DRAWING TREE #
v1	18 AUG 2010	E1000182-v1	-
-	-	-	-
-	-	-	-



ISO VIEW

5

-1

- 8. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE TECHNIQUES IS NOT ALLOWED.
- 7. DO NOT USE SANDPAPER, SCOTCH BRITE OR SIMILAR PRODUCTS.
- 6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	1. INTERPRET DRAWING PER ASME Y14.5-1994.
TOLERANCES: .XX ± .01 .XXX ± .005	2. REMOVE ALL SHARP EDGES, R.02 MIN.
ANGULAR ± 1.0°	3. DO NOT SCALE FROM DRAWING.
	4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.
MATERIAL	FINISH
304 SSSL	N/A μinch

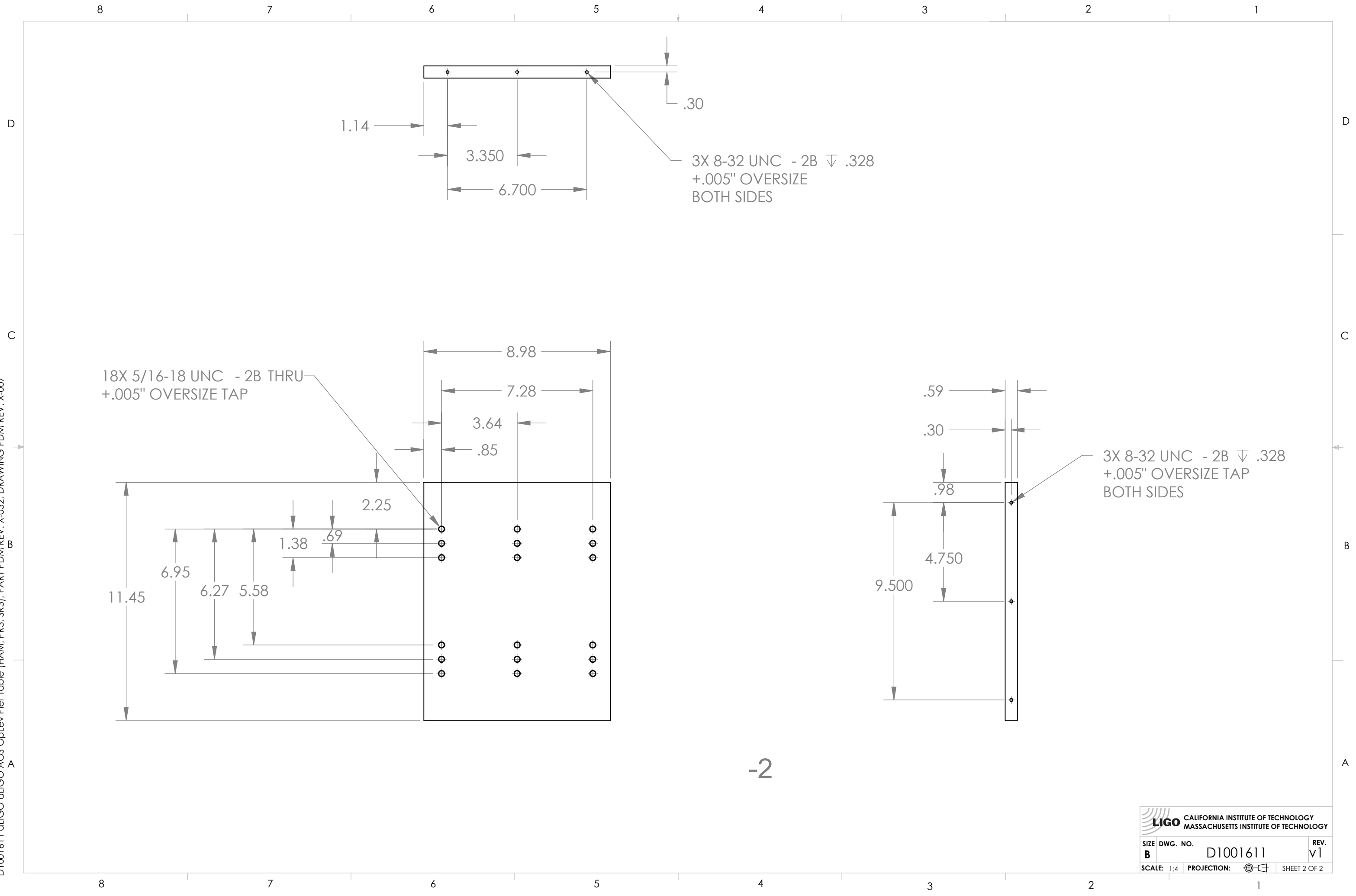
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM <b>ADVANCED LIGO</b>		SUB-SYSTEM <b>AOS</b>	
DESIGNER	C. CONLEY	07 MAY 2009	SIZE DWG. NO.
DRAFTER	N. KILPATRICK	18 AUG 2010	<b>B</b>
CHECKER			
APPROVAL			
NEXT ASSY		D1000447, D1000448, D1001301, D1001854	
SCALE: 1:4 PROJECTION:		SHEET 1 OF 2	

ALIGO AOS  
 OPLEV TRX PIER TABLE (HAM)

D1001611

v1

D1001611 dLIGO AOS Oplev Pier Table (HAM, PR3, SR3), PART PDM REV: X-032, DRAWING PDM REV: X-007



1.14

3.350

6.700

.30

3X 8-32 UNC - 2B  $\nabla$  .328  
+.005" OVERSIZE  
BOTH SIDES

18X 5/16-18 UNC - 2B THRU  
+.005" OVERSIZE TAP

8.98

7.28

3.64

.85

2.25

6.95

6.27

5.58

1.38

.69

11.45

.59

.30

.98

4.750

9.500

3X 8-32 UNC - 2B  $\nabla$  .328  
+.005" OVERSIZE TAP  
BOTH SIDES

-2



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
B D1001611	v1
SCALE: 1:4 PROJECTION:	SHEET 2 OF 2