

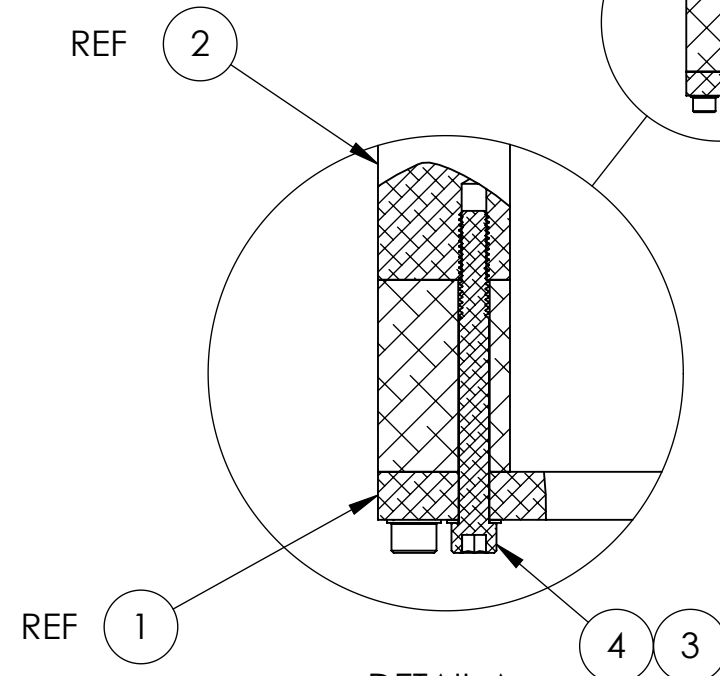
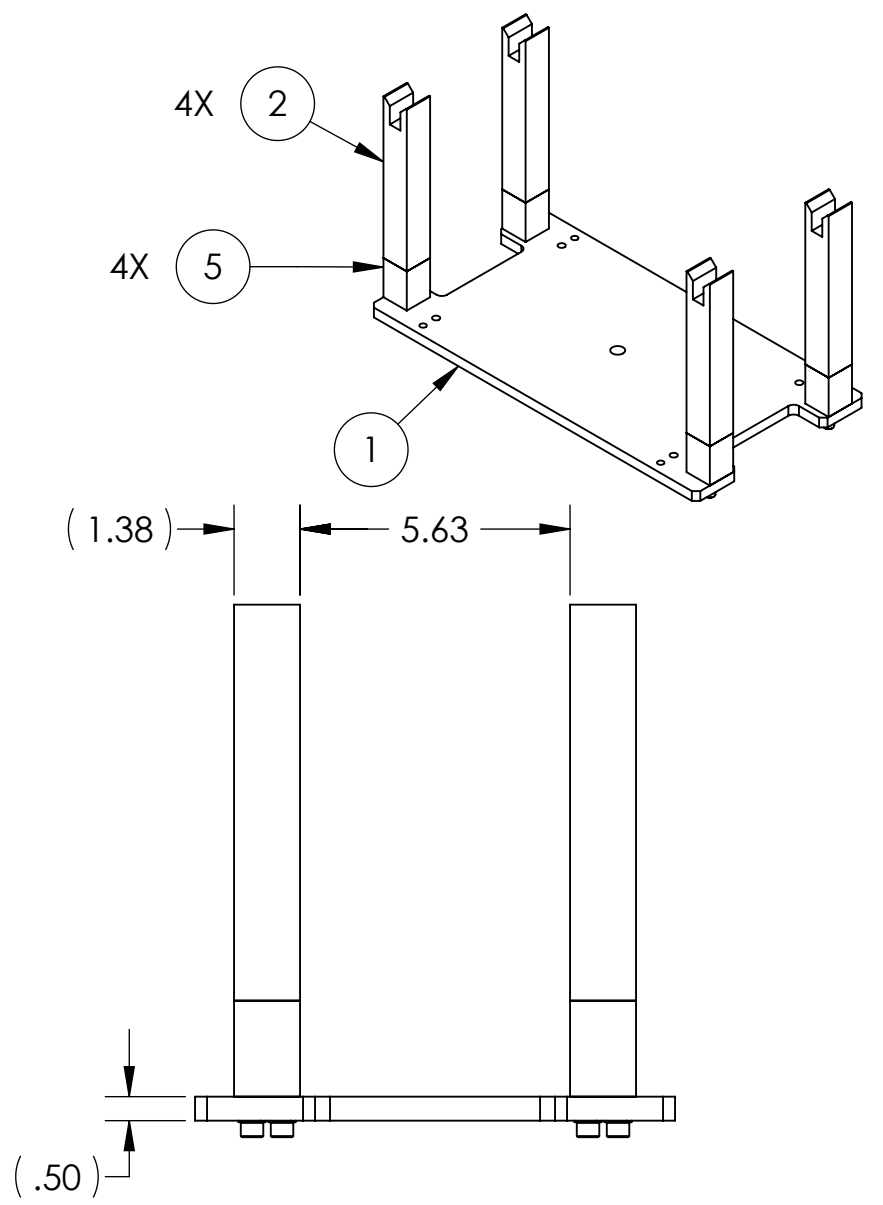
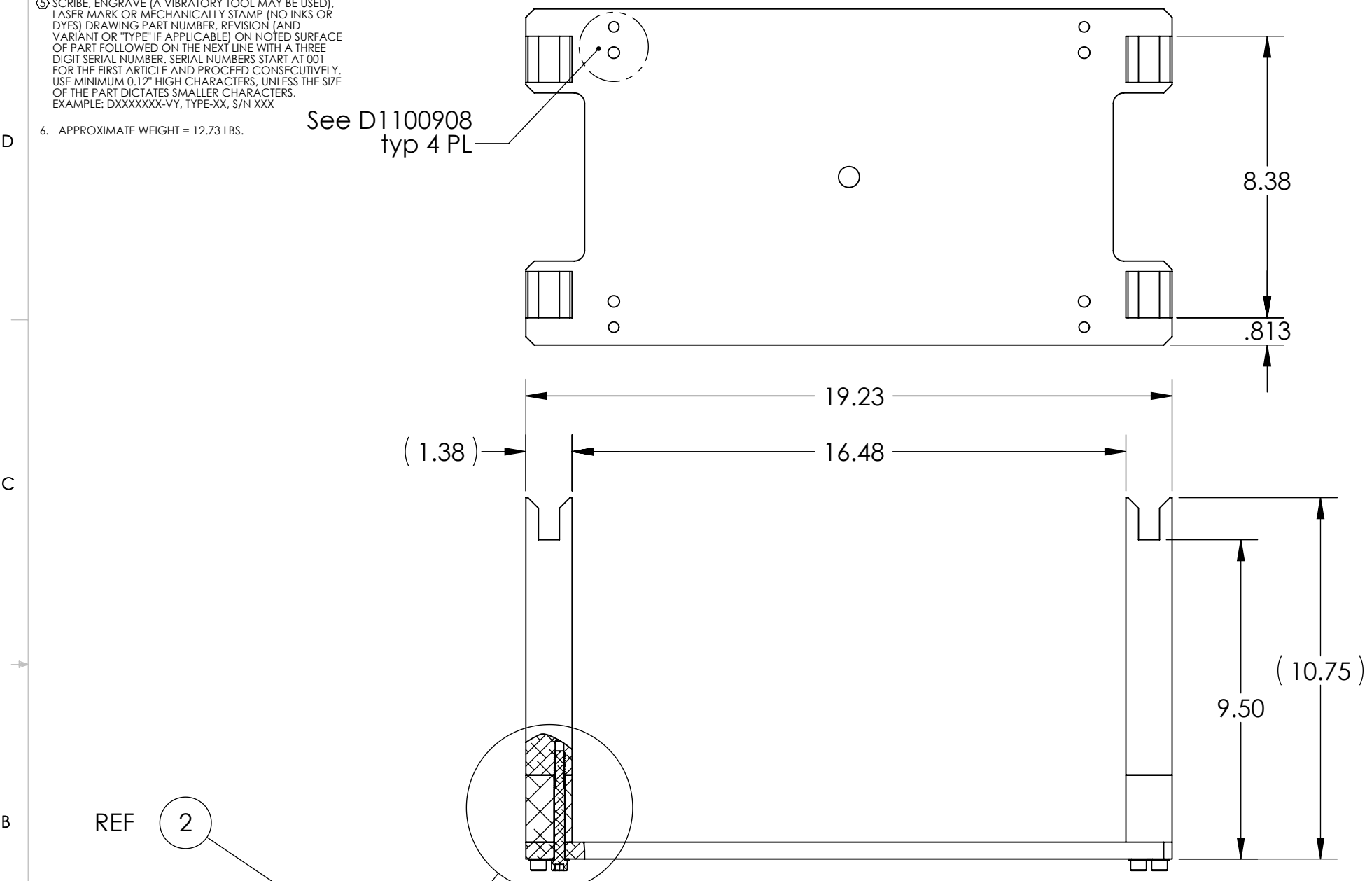
8 7 6 5 4 3 2 1

**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK 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. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

6. APPROXIMATE WEIGHT = 12.73 LBS.

See D1100908  
typ 4 PL

REV.	DATE	DCN #	DRAWING TREE #
v1	14 JUN 2011	E1100352-v1	-
v4	24 SEP 2014	E1400380-x0	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ
5	D1200355	αLigo Table Install Tool Height Spacer	6061-T6 (SS)	4
4	92196A596 McMASTER-CARR OR EQ.	SCREW, SHC, 5/16-18 X 3.25 LG.	18-8 SSTL	8
3	96861A700 McMASTER-CARR OR EQ.	VENTED WASHER, .312 SCREW, 0.32 ID X .563 OD X .032 T, SSTL	18-8 SSTL	8
2	D1100843	αLIGO TMS TELE-OPT TABLE INSTALL TOOL, SUPP YOKE	6061-T6 Al	4
1	D1100842	αLIGO TMS TELE-OPT TABLE INSTALL TOOL, SUPP PLATE	6061-T6 Al	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .XX ± .02  
 .XXX ± .010  
 ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.  
 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: N/A  
 FINISH: N/A μinch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS  
 NEXT ASSY: D1100908

PART NAME: αLIGO TMS TELE-OPT TABLE INSTALL TOOL ASSY  
 DESIGNER: J. TERRAZAS 05 MAY 2011  
 DRAFTER: J. TERRAZAS 10 MAY 2011  
 CHECKER: k mailand 11-1-12  
 APPROVAL: [Signature]

SIZE DWG. NO.: B  
 D1100841  
 REV. v4

SCALE: 1:8 PROJECTION: [Symbol] SHEET 1 OF 1

D1100841\_αLIGO TMS TELE-OPT TABLE INSTALL TOOL ASSY, PART PDM REV: X-024, DRAWING PDM REV: X-011

8 7 6 5 4 3 2 1