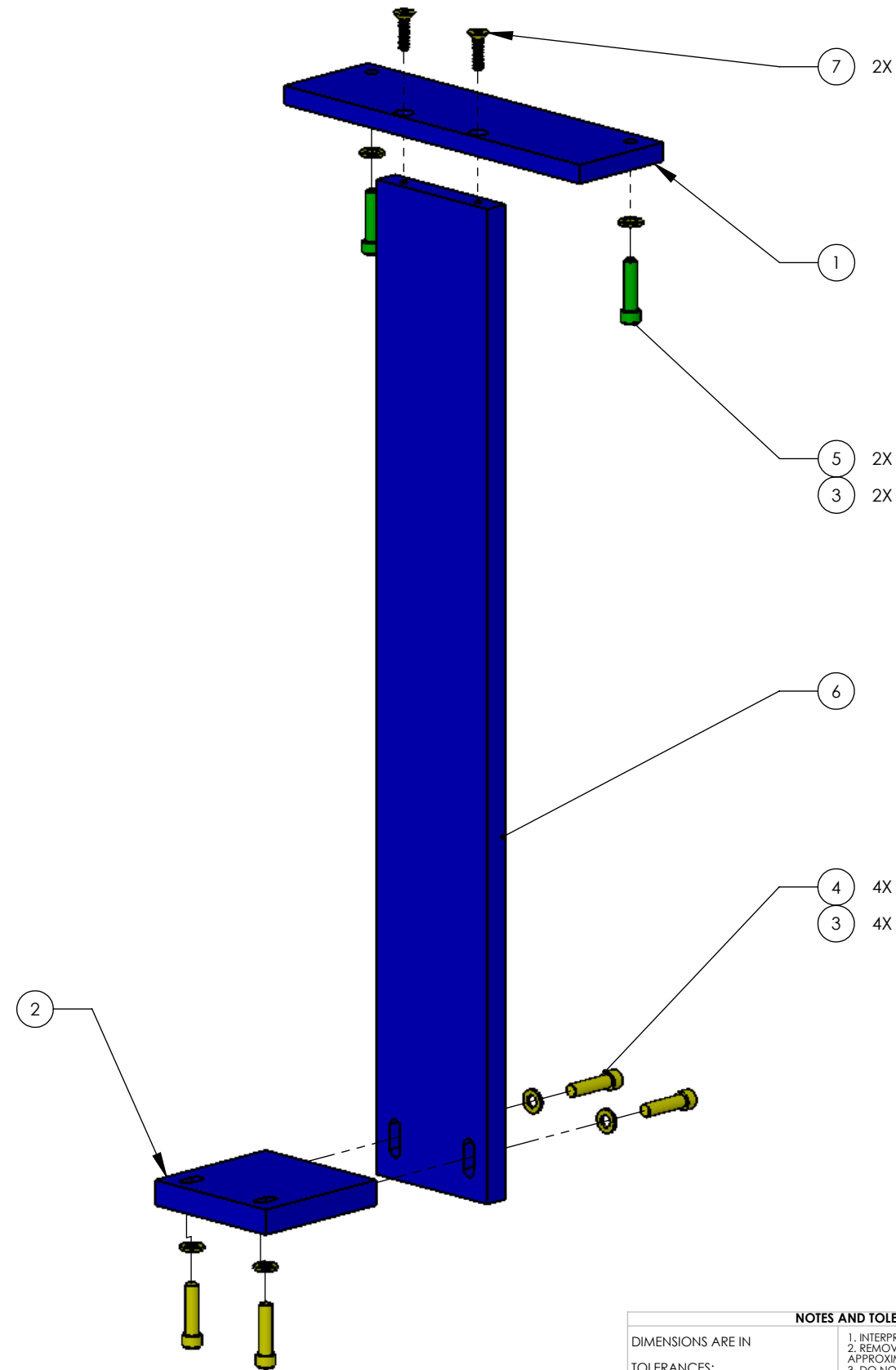


D1101288 ALIGNMENT FIXTURE TUBE UP ASSEMBLY, PART PDM REV: X-008, DRAWING PDM REV: X-009

NOTES CONTINUED:

REV.	DATE	DCN #	DRAWING TREE #
v1	11 JUL 2011	E1100335	-
v2	17 Aug 2011	PRELIMINARY	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
7	94518A418	SHCS, FLAT HD, 10-24 X .75 LG.	300 S.ST.	2		2
6	D1101404	STIFFENER, TUBE UP	6061-T6 Al	1		1
5	C-2016-NA	SOCKET HEAD CAP SCREW, SHC, 1/4-20 x 1" L	Ag-PLATED 300 SSTL	2		2
4	92200A542	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1 LONG, FULLY THREADED	300 SSTL	4		4
3	98019A355	WASHER, FLAT, 1/4 (NAS 620-C416 OR EQUIVALENT)	300 SSTL	6		6
2	D1101290	BRACE, TUBE UP	6061-T6 Al	1		1
1	D1101289	SUPPORT, TUBE UP	6061-T6 Al	1		1

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

DIMENSIONS ARE IN	
TOLERANCES:	
.XX	±
.XXX	±
ANGULAR ± °	
MATERIAL	N/A
FINISH	N/A μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME ALIGNMENT FIXTURE, TUBE UP ASSEMBLY	
SYSTEM ADVANCED LIGO	SUB-SYSTEM AOS	DESIGNER MRUIZ 11 JUL 2011	SIZE DWG. NO. B D1101288
DRAFTER MRUIZ 11 JUL 2011	CHECKER	APPROVAL	REV. v2
NEXT ASSY		SCALE: 1:3	PROJECTION: SHEET 1 OF 1