

**NOTES CONTINUED:**

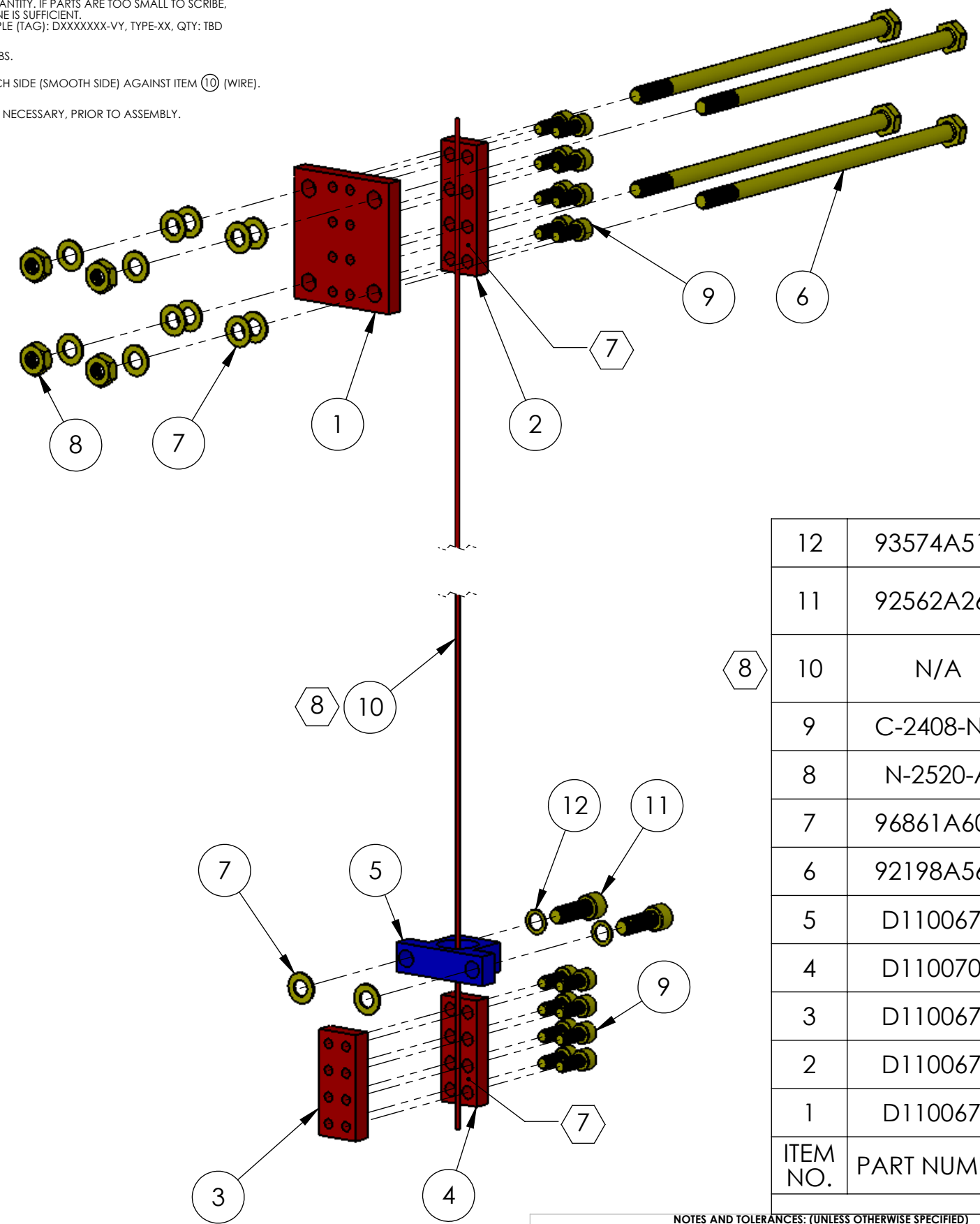
5 BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT. EXAMPLE (PART): 001-v1, EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: TBD

6. APPROXIMATE WEIGHT = 0.493 LBS.

7 ITEMS 2 & 4 : PLACE 32 μINCH SIDE (SMOOTH SIDE) AGAINST ITEM 10 (WIRE).

8 ITEM 10 TO BE STRAIGHTENED IF NECESSARY, PRIOR TO ASSEMBLY.

REV.	DATE	DCN #	BOM #
v1	17 NOV 2011	E1100351	E1100721
-	-	-	-
-	-	-	-



ITEM NO.	PART NUMBER	REV	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
12	93574A513		McMASTER, 1/4 SHIM WASHER, .253 ID X .373 OD X .02 THK, SSTL	18-8 SSTL	2	1	3
11	92562A263		McMASTER, SOCKET HEAD CAP SCREW, 1/4-20 UNC X .750 LG, MS16997-60	18-8 SSTL	2	1	3
10	N/A		MUSIC WIRE, 1.5mm DIA X 26.29 LG, NON-COILED (PER LIGO-E1100159)	STEEL MUSIC WIRE	1	0	1
9	C-2408-NA		U-C COMP. S.H.C.S.10-24 X .50L .SILVER PLATED	18-8 SSTL	16	4	20
8	N-2520-A		U-C COMP. NUT, HEX .25-20 SILVER PLATED, 18-8 SSTL	18-8 SSTL	4	2	6
7	96861A600		McMASTER, 1/4 VENTED WASHER, .255 ID X .468 OD X .032 THK, SSTL	18-8 SSTL	14	4	18
6	92198A566		McMASTER, HEX HEAD CAP SCREW, 1/4-20 UNC X 6 LG, SSTL	18-8 SSTL	4	2	6
5	D1100675	v1	TMS VERTICAL SAFETY CATCH	6061-T6 Al	1	0	1
4	D1100707	v1	TMS VERTICAL SAFETY CLAMP PLATE, LOWER	304 SSTL	1	0	1
3	D1100674	v1	TMS VERTICAL SAFETY SUSPENDED CLAMP	304 SSTL	1	0	1
2	D1100673	v1	TMS VERTICAL SAFETY CLAMP PLATE, UPPER	304 SSTL	1	0	1
1	D1100672	v1	TMS VERTICAL SAFETY CLAMP BASE	304 SSTL	1	0	1

EXPLODED VIEW

**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES, R.02 MIN.  
 3. DO NOT SCALE FROM DRAWING.  
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX ± .01  
 .XXX ± .005  
 ANGULAR ± 1.0°

MATERIAL: N/A  
 FINISH: N/A μinch

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SYSTEM: ADVANCED LIGO  
 SUB-SYSTEM: AOS  
 NEXT ASSY: D0901880

PART NAME: aLIGO TMS VERTICAL SAFETY WIRE ASSEMBLY

DESIGNER: K. MAILAND  
 DRAFTER: M. MILLER  
 CHECKER: SEE DCN  
 APPROVAL: SEE DCN

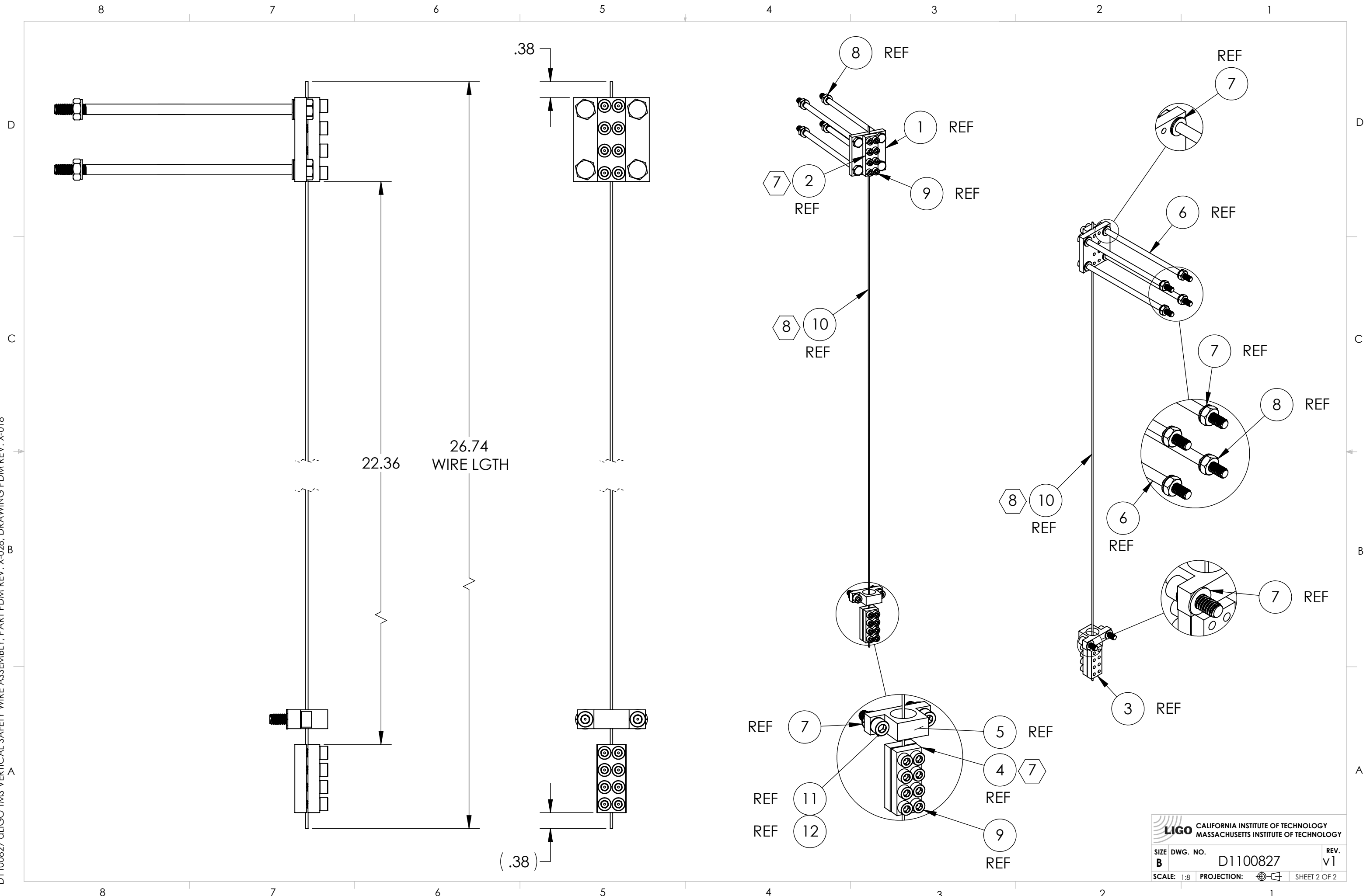
DATE: 4/15/2011  
 DATE: 17 NOV 2011  
 DATE: SEE DCN  
 DATE: SEE DCN

SIZE: B  
 DWG. NO.: D1100827  
 SCALE: 1:8  
 PROJECTION:

REV. v1  
 SHEET 1 OF 2

D1100827 aLIGO TMS VERTICAL SAFETY WIRE ASSEMBLY, PART PDM REV: X-028, DRAWING PDM REV: X-018

D1100827 dLIGO TMS VERTICAL SAFETY WIRE ASSEMBLY, PART PDM REV: X-028, DRAWING PDM REV: X-018



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SIZE	DWG. NO.	REV.
B	D1100827	v1
SCALE: 1:8	PROJECTION:	SHEET 2 OF 2