

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

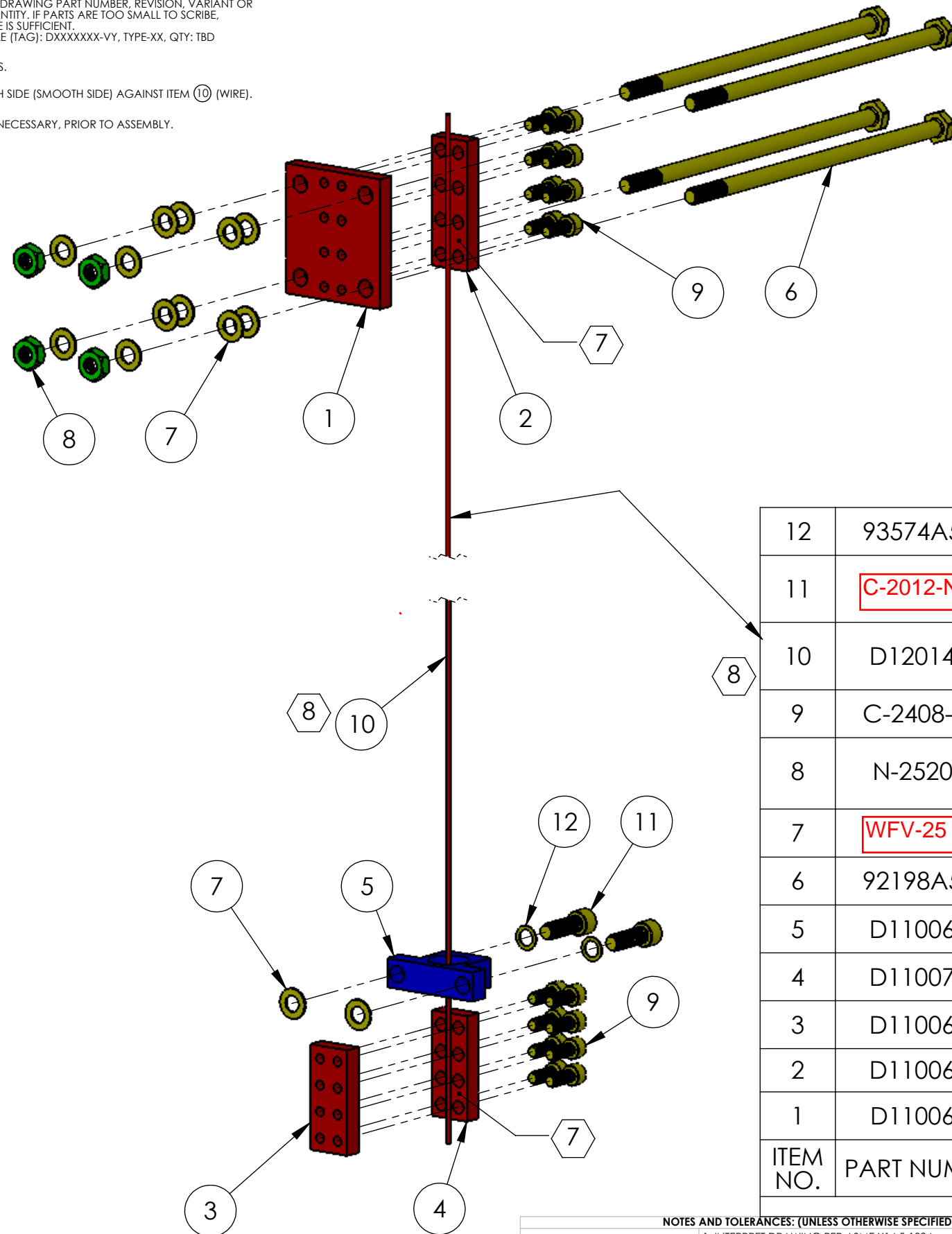
6. APPROXIMATE WEIGHT = 0.493 LBS.

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
v2	10-25-12	to follow	-
v3	4-2-13	to Follow	E1200793

SEE RED LINE V2 IN DCC



NOTE:
Item 10
MUSIC WIRE FOR FIRST ARTICLE,
PRODUCTION IS 316 Straight Stainless Stl.

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, SSSL	18-8 SSSL	2	1	3
11	C-2012-N		McMASTER, SOCKET HEAD CAP SCREW, 1/4-20 UNC X .750 LG, MS16997-60	18-8 SSSL	2	1	3
10	D1201436		1.5mm DIA X 26.74 LG. ref. McMaster weld rod	316 Stainless	1	0	1
9	C-2408-NA		U-C COMP. S.H.C.S.10-24 X .50L .SILVER PLATED	18-8 SSSL	16	4	20
8	N-2520-A		U-C COMP. NUT, HEX .25-20 SILVER PLATED, 18-8 SSSL	Ag-PLATED 300 SSSL	4	2	6
7	WFV-25		McMASTER, 1/4 VENTED WASHER, .255 ID X .468 OD X .032 THK, SSSL	18-8 SSSL	14	4	18
6	92198A566		McMASTER, HEX HEAD CAP SCREW, 1/4-20 UNC X 6 LG, SSSL	18-8 SSSL	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 SSSL	1	0	1
3	D1100674	v1	TMS VERTICAL SAFETY SUSPENDED CLAMP	304 SSSL	1	0	1
2	D1100673	v1	TMS VERTICAL SAFETY CLAMP PLATE, UPPER	304 SSSL	1	0	1
1	D1100672	v1	TMS VERTICAL SAFETY CLAMP BASE	304 SSSL	1	0	1

PARTS LIST

EXPLODED VIEW

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES, R.02 MIN.
- 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 INCHES

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

MATERIAL: N/A
FINISH: N/A μinch

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME: **ALIGO TMS VERTICAL SAFETY WIRE ASSEMBLY**

DESIGNER: K. MAILAND 4/15/2011
DRAFTER: M. MILLER 17 NOV 2011
CHECKER: ken mailand 10-25-12
APPROVAL: SEE DCN

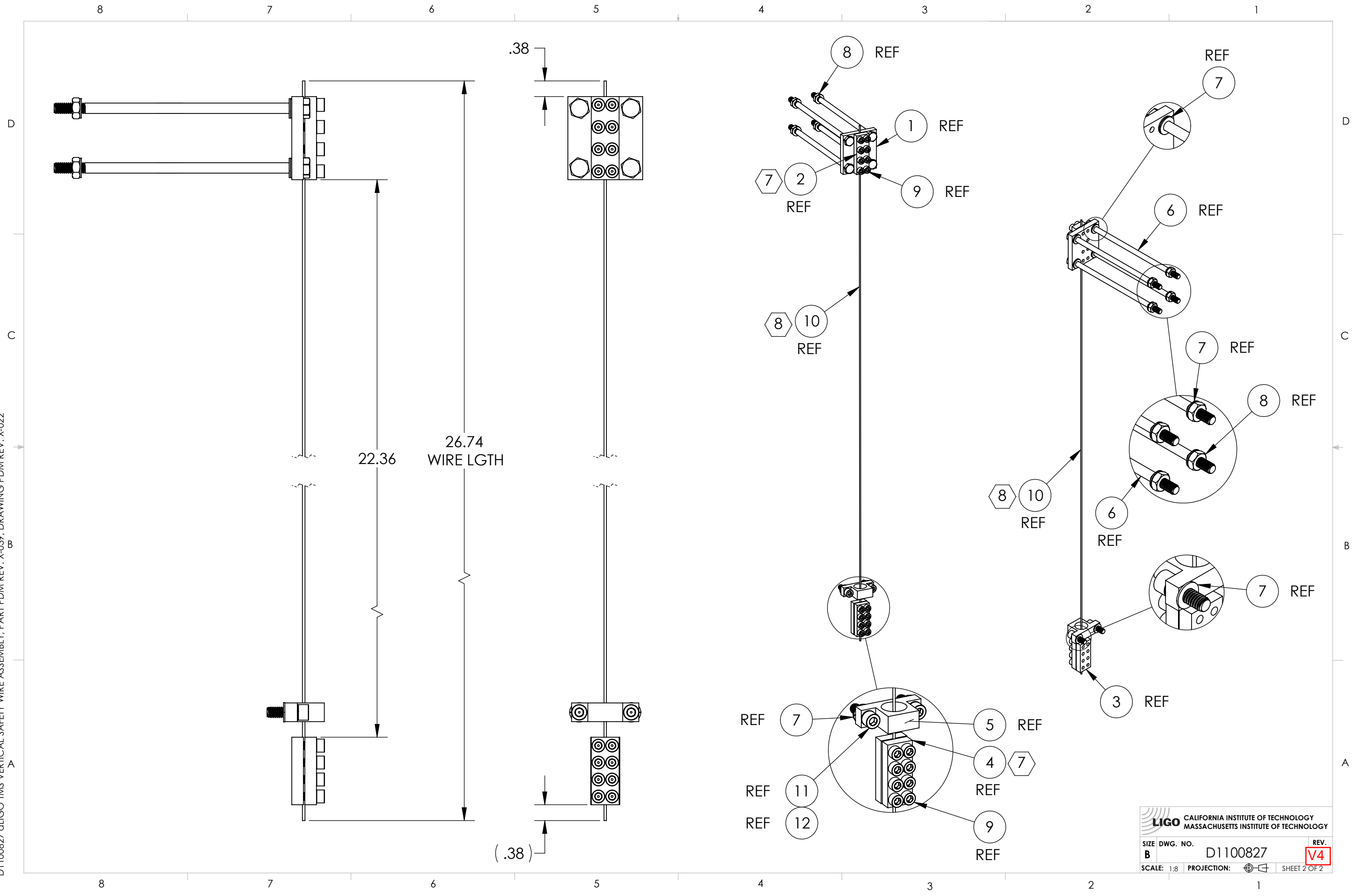
SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **AOS**

SIZE: **B** DWG. NO.: **D1100827** REV.: **V4**

SCALE: 1:8 PROJECTION: SHEET 1 OF 2

D1100827 ALIGO TMS VERTICAL SAFETY WIRE ASSEMBLY, PART PDM REV: X-039, DRAWING PDM REV: X-022

D1100827 dLIGO TMS VERTICAL SAFETY WIRE ASSEMBLY, PART PDM REV: X-039, DRAWING PDM REV: X-022



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SIZE	DWG. NO.	REV.
B	D1100827	V4
SCALE: 1:8	PROJECTION:	SHEET 2 OF 2