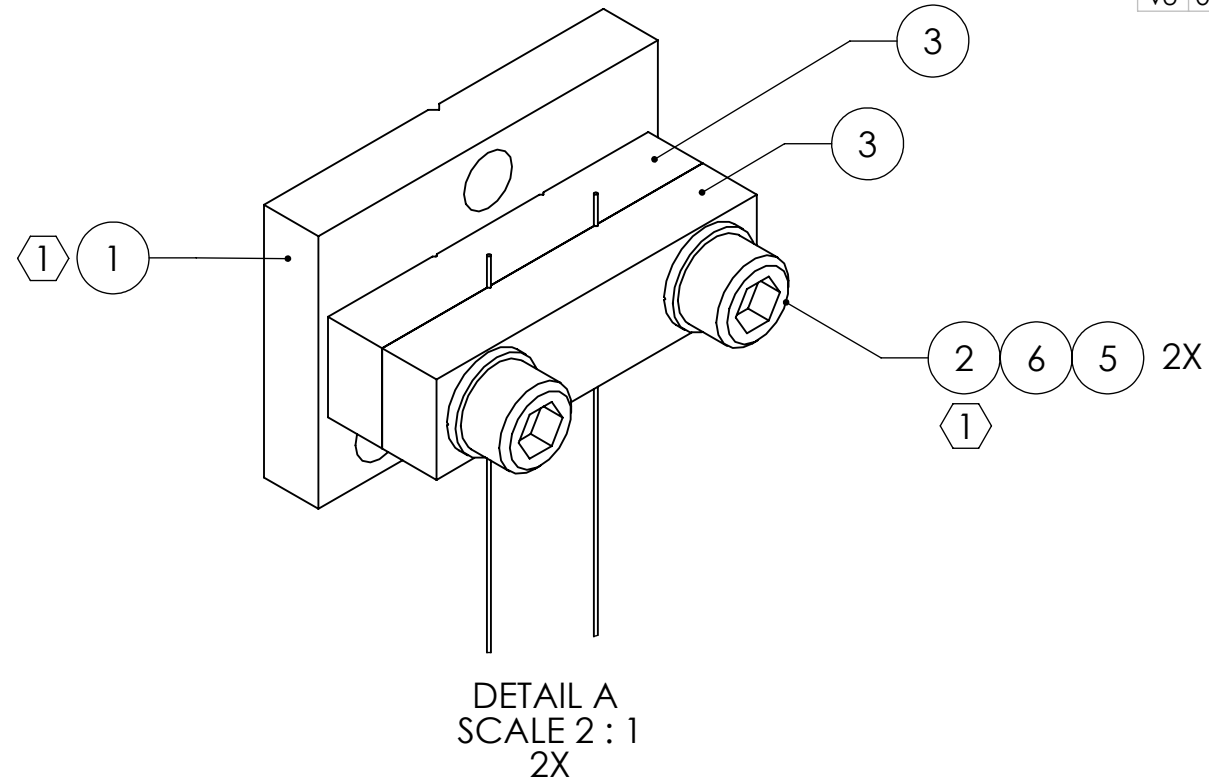
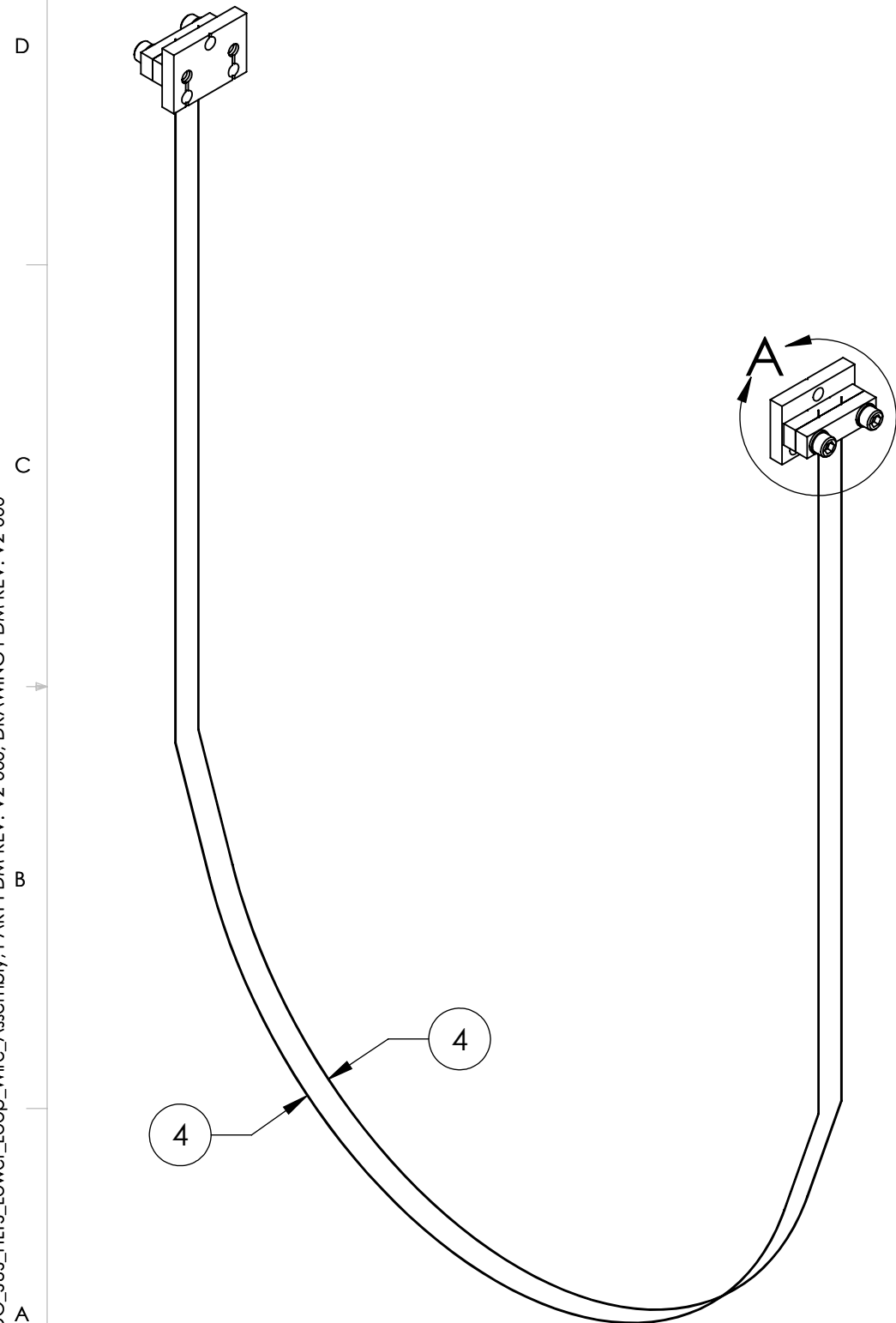


D070436_Advanced_LIGO_SUS_HLTS_Lower_Loop_Wire_Assembly, PART PDM REV: V2-000, DRAWING PDM REV: V2-000

REV.	DATE	DCN #	DRAWING TREE #
v1	24 JUN 2009	E0900176	E080191
v2	03 SEP 2009	E0900277	E080191
v3	09 DEC 2010	E1000849	E080191



6	-	WASHER, FLAT, VENTED, #8 (U-C COMPONENTS P/N WFV-08 OR EQUIVALENT)	300 SSSL	4	1	5
5	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5625 LONG	300 SSSL	4	1	5
4	-	LOWER LOOP WIRE, (ϕ 0.0106)	STEEL MUSIC WIRE	A/R	0	0
3	D070438	CLAMP, LOWER LOOP WIRE	304, 316 OR 302 SSSL	4	0	4
2	1185-2EN164	HELICOIL, #8-32 X 0.164 LONG $\text{\textcircled{1}}$	NITRONIC 60	4	2	6
1	D030148	BREAKOFF, INT. MASS, LOWER LOOP WIRE $\text{\textcircled{1}}$	6061-T6 AI	2	0	2
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

- ① HELICOILS TO BE INSTALLED INTO ITEM NO. 1 BY LIGO PRIOR TO ASSEMBLY AND AFTER ALL PARTS ARE CLEANED AND BAKED.
- 2. PARTS TO BE ASSEMBLED ACCORDING TO E080208 HLTS ASSEMBLY SPECIFICATION, USING D0901419 HLTS LOWER LOOP WIRE JIG ASSEMBLY.

MATERIAL N/A FINISH N/A μ inch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		LOWER LOOP WIRE ASSY	
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SUS	DESIGNER	D. BRIDGES 09 SEP 2009
NEXT ASSY	HLTS SUSPENSION ASSY	CHECKER	B. MOORE 10 DEC 2010	SIZE	DWG. NO. B
				REV.	v3
				SCALE:	1:2
				PROJECTION:	
				SHEET 1 OF 1	