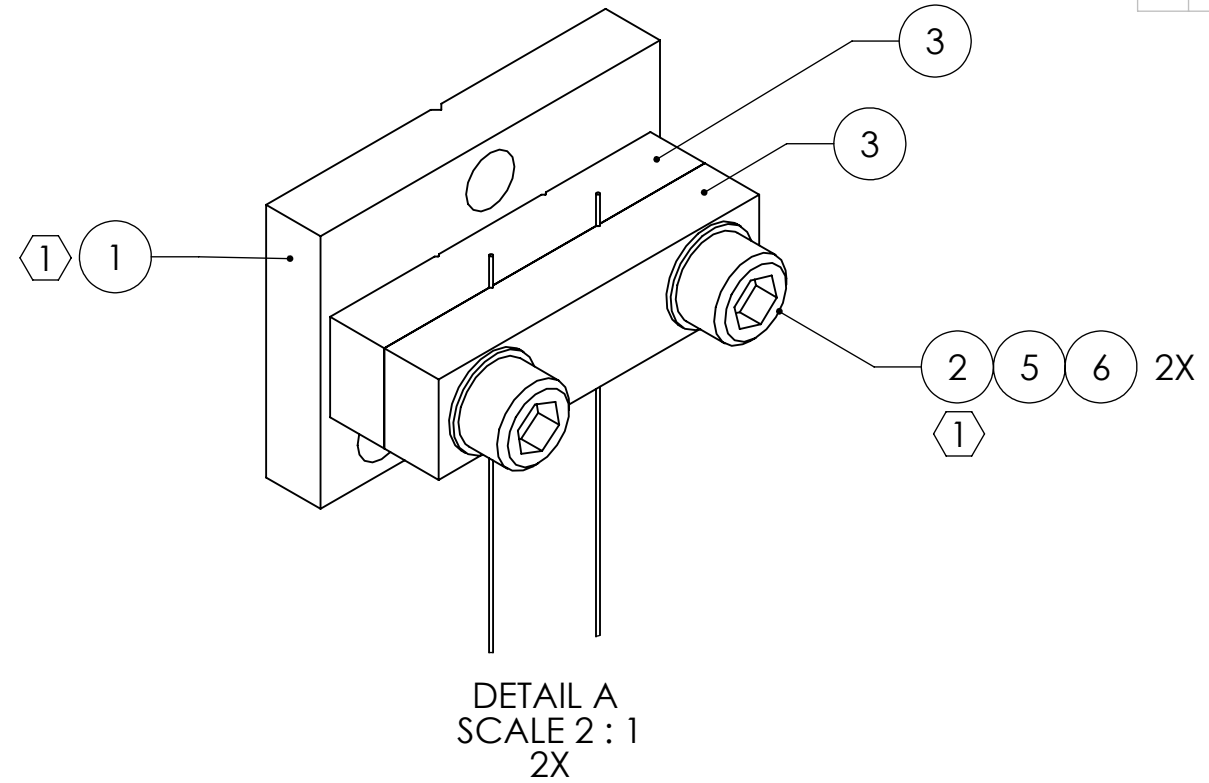
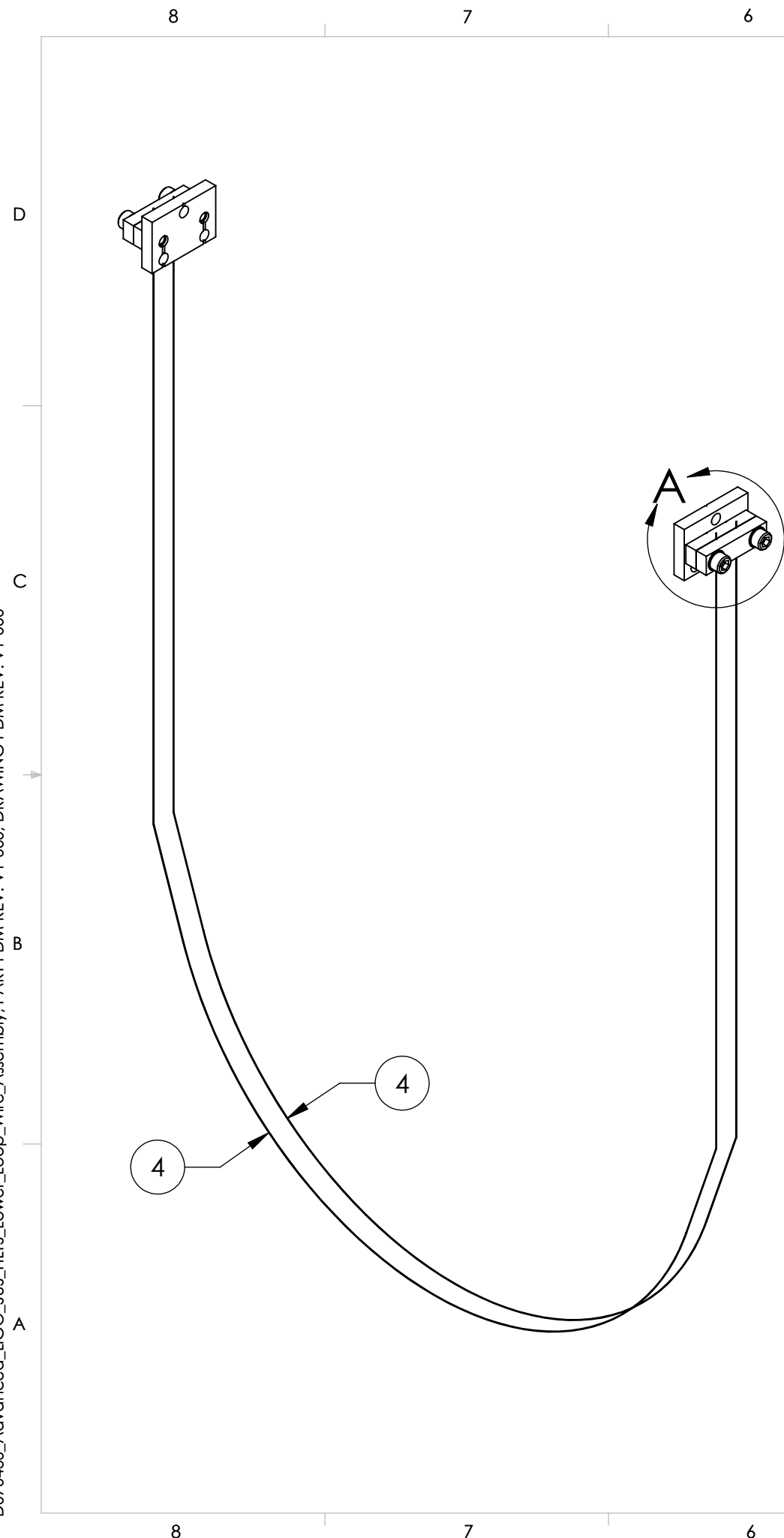


D070436_Advanced_LIGO_SUS_HLTS_Lower_Loop_Wire_Assembly, PART PDM REV: V1-000, DRAWING PDM REV: V1-000

REV.	DATE	DCN #	DRAWING TREE #
v1	24 JUN 2009	E0900176	E080191
v2	03 SEP 2009	E0900277	E080191
-	-	-	-



6	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5625 LONG	300 SSTL	4	1	5
5	-	WASHER, FLAT, #8 (NAS 620-C8L OR EQUIVALENT)	300 SSTL	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 SSTL	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 Al	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.

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	M. MEYER 09 SEP 2009	APPROVAL	
MATERIAL	N/A	FINISH	N/A μ inch	SCALE	1:2
				SIZE	DWG. NO.
				B	D070436
				REV.	v2
				PROJECTION:	
				SHEET	1 OF 1