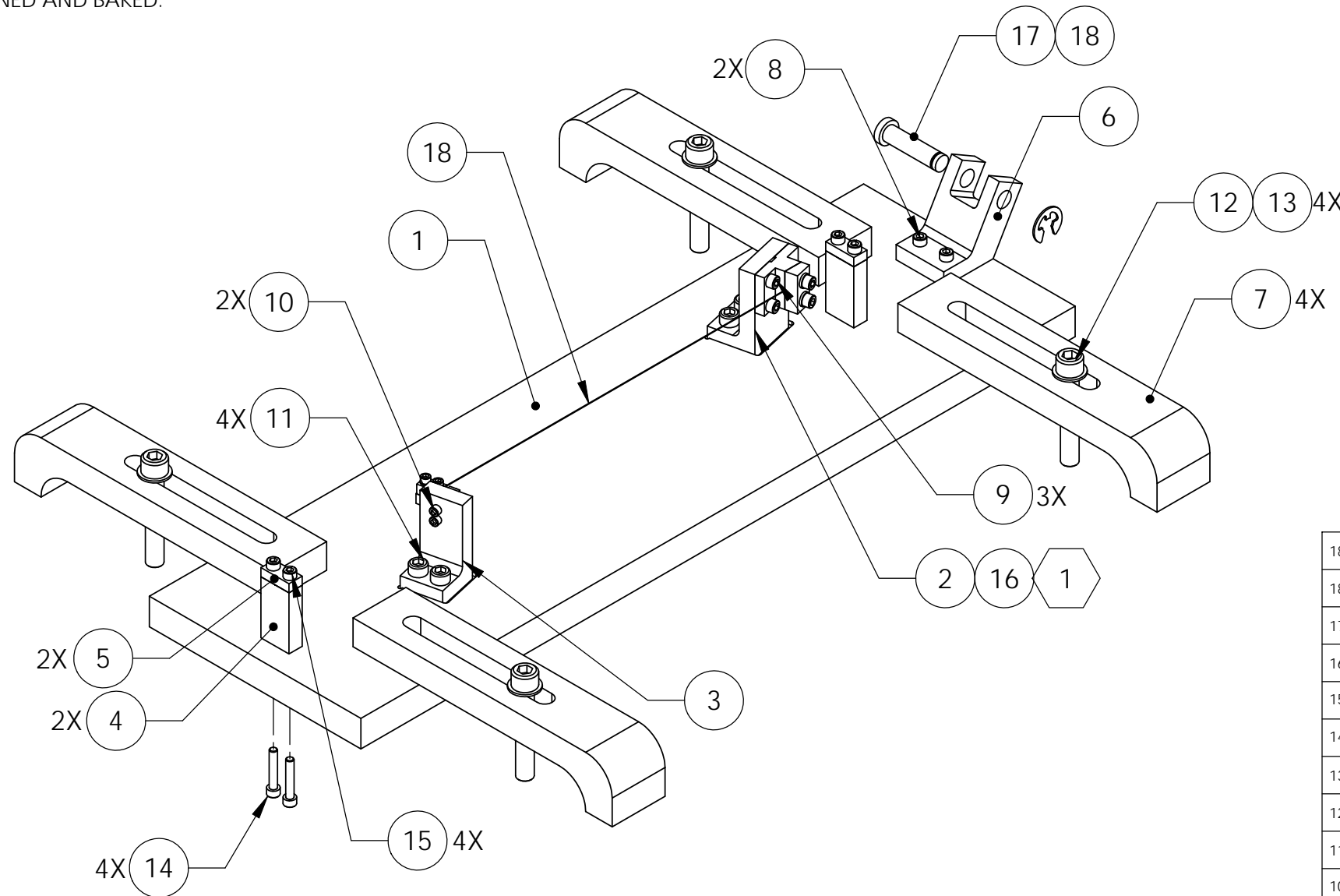


D0902526\_AdvLIGO\_SUS\_HSTS\_Intermediate\_Wire\_Jig\_Assembly, PART PDM REV: X-009, DRAWING PDM REV: X-008

**NOTES:**  
 ① HELICOILS TO BE INSTALLED INTO ITEM NO. 2 BY LIGO PRIOR TO ASSEMBLY AND AFTER ALL PARTS ARE CLEANED AND BAKED.

REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAR 2010	E0900502	E0900353
-	-	-	-
-	-	-	-



18	D0901905	INTERMEDIATE WIRE ASSEMBLY, HSTS	N/A	REF	-	REF
18	98408A120	RETAINING RING (MCMaster-CARR P/N)	300 SSTL	1	-	1
17	92735A230	CLEVIS PIN (MCMaster-CARR P/N)	300 SSTL	1	-	1
16	1185-04EN224	HELICOIL, #4-40 X 0.224 LONG ①	NITRONIC 60	3	1	4
15	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.375 LONG	Ag-PLATED 300 SSTL	4	1	5
14	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.625 LONG	Ag-PLATED 300 SSTL	4	1	5
13	-	WASHER, FLAT, 1/4 (NAS 620-C416L OR EQUIVALENT)	300 SSTL	4	1	5
12	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1.5 LONG	300 SSTL	4	1	5
11	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.625 LONG	300 SSTL	4	1	5
10	-	SCREW, SOCKET HEAD CAP, #2-56 UNC-2A X 0.5 LONG	Ag-PLATED 300 SSTL	2	2	4
9	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.375 LONG	300 SSTL	3	-	3
8	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.5 LONG	300 SSTL	2	-	2
7	D980184	LOS CLAMP, LONG	304, 316 OR 302 SSTL	4	-	4
6	D0900563	PIN SUPPORT, WIRE JIG	6061-T6 Al	1	-	1
5	D1000583	WIRE START CLAMP, TOP	304, 316 OR 302 SSTL	2	-	0
4	D1000628	WIRE START POST, INTERMEDIATE WIRE JIG	304, 316 OR 302 SSTL	2	-	0
3	D0902532	BLADE WIRE CLAMP BRACKET, HSTS INTERMEDIATE WIRE JIG	6061-T6 Al	1	-	1
2	D0902533	MASS WIRE CLAMP BRACKET, HSTS INTERMEDIATE WIRE JIG ①	6061-T6 Al	1	-	1
1	D0902535	BASE PLATE, HSTS INTERMEDIATE WIRE JIG	6061-T6 Al	1	-	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.	SPARE	TOTAL

PARTS LIST

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		INTERMEDIATE WIRE JIG ASSEMBLY, HSTS	
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SUS	DESIGNER	W. RASCH 20 OCT 2009
				DRAFTER	W. RASCH 09 30 2009
				CHECKER	M. MEYER 09 30 2009
				APPROVAL	
NEXT ASSY	D040391		SIZE	DWG. NO.	REV.
			B	D0902526	v1
			SCALE: 1:2	PROJECTION:	SHEET 1 OF 1