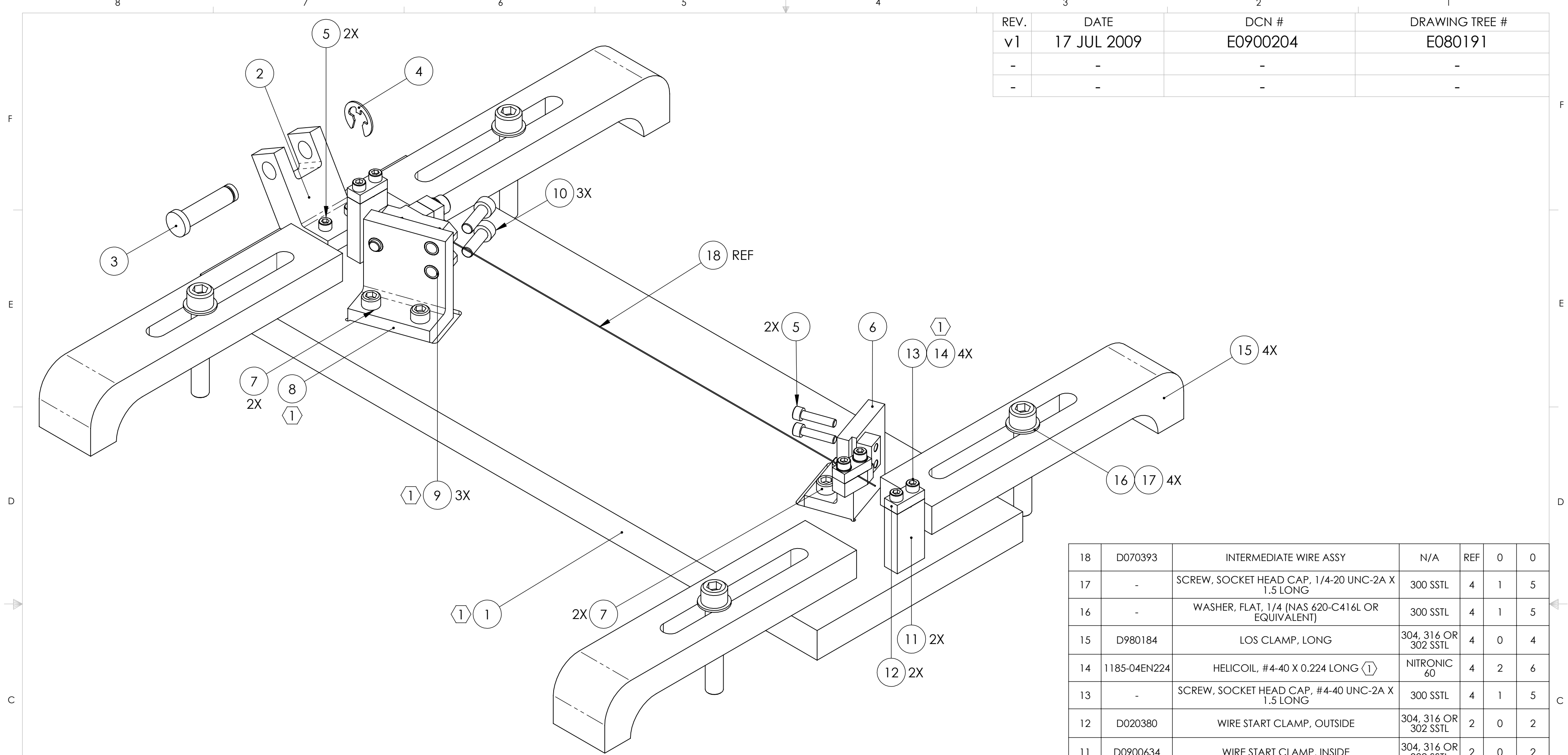


REV.	DATE	DCN #	DRAWING TREE #
v1	17 JUL 2009	E0900204	E080191
-	-	-	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
18	D070393	INTERMEDIATE WIRE ASSY	N/A	REF	0	0
17	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1.5 LONG	300 SSSL	4	1	5
16	-	WASHER, FLAT, 1/4 (NAS 620-C416L OR EQUIVALENT)	300 SSSL	4	1	5
15	D980184	LOS CLAMP, LONG	304, 316 OR 302 SSSL	4	0	4
14	1185-04EN224	HELICOIL, #4-40 X 0.224 LONG (1)	NITRONIC 60	4	2	6
13	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 1.5 LONG	300 SSSL	4	1	5
12	D020380	WIRE START CLAMP, OUTSIDE	304, 316 OR 302 SSSL	2	0	2
11	D0900634	WIRE START CLAMP, INSIDE	304, 316 OR 302 SSSL	2	0	2
10	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5 LONG	300 SSSL	3	1	4
9	1185-2EN246	HELICOIL, #8-32 X 0.246 LONG (1)	NITRONIC 60	3	2	5
8	D0900632	WIRE CLAMP MOUNT (1)	6061-T6 Al	1	0	1
7	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.625 LONG	300 SSSL	4	1	5
6	D0900631	BLADE CLAMP MOUNT	6061-T6 Al	1	0	1
5	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.5 LONG	300 SSSL	4	1	5
4	98408A120	RETAINING RING (MCMaster-CARR P/N)	300 SSSL	1	1	2
3	92735A230	CLEVIS PIN (MCMaster-CARR P/N)	300 SSSL	1	1	2
2	D0900563	PIN SUPPORT, WIRE JIG	6061-T6 Al	1	0	1
1	D0900633	BASE PLATE (1)	6061-T6 Al	1	0	1
PARTS LIST						

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

(1) HELICOILS TO BE INSTALLED INTO ITEM NO. 1 AND ITEM NO. 8 BY LIGO PRIOR TO ASSEMBLY AND AFTER ALL PARTS ARE CLEANED AND BAKED.

2. THIS JIG TO BE USED IN THE ASSEMBLY OF D070393 HLTS INTERMEDIATE WIRE ASSEMBLY AS DESCRIBED IN E080208 HLTS ASSEMBLY SPECIFICATION.

MATERIAL: N/A

FINISH: N/A μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **SUS**

PART NAME: **INTERMEDIATE WIRE JIG ASSY, HLTS**

DESIGNER: M. MEYER 09 APR 2009 SIZE: C DWG. NO.: **D0900630** REV.: v1

DRAFTER: B. MOORE 01 MAY 2009

CHECKER: D. BRIDGES 31 JUL 2009

APPROVAL: [Signature]

NEXT ASSY: **HLTS OVERALL ASSY AND FIXTURES**

SCALE: 1:1 PROJECTION: [Symbol] SHEET 1 OF 1