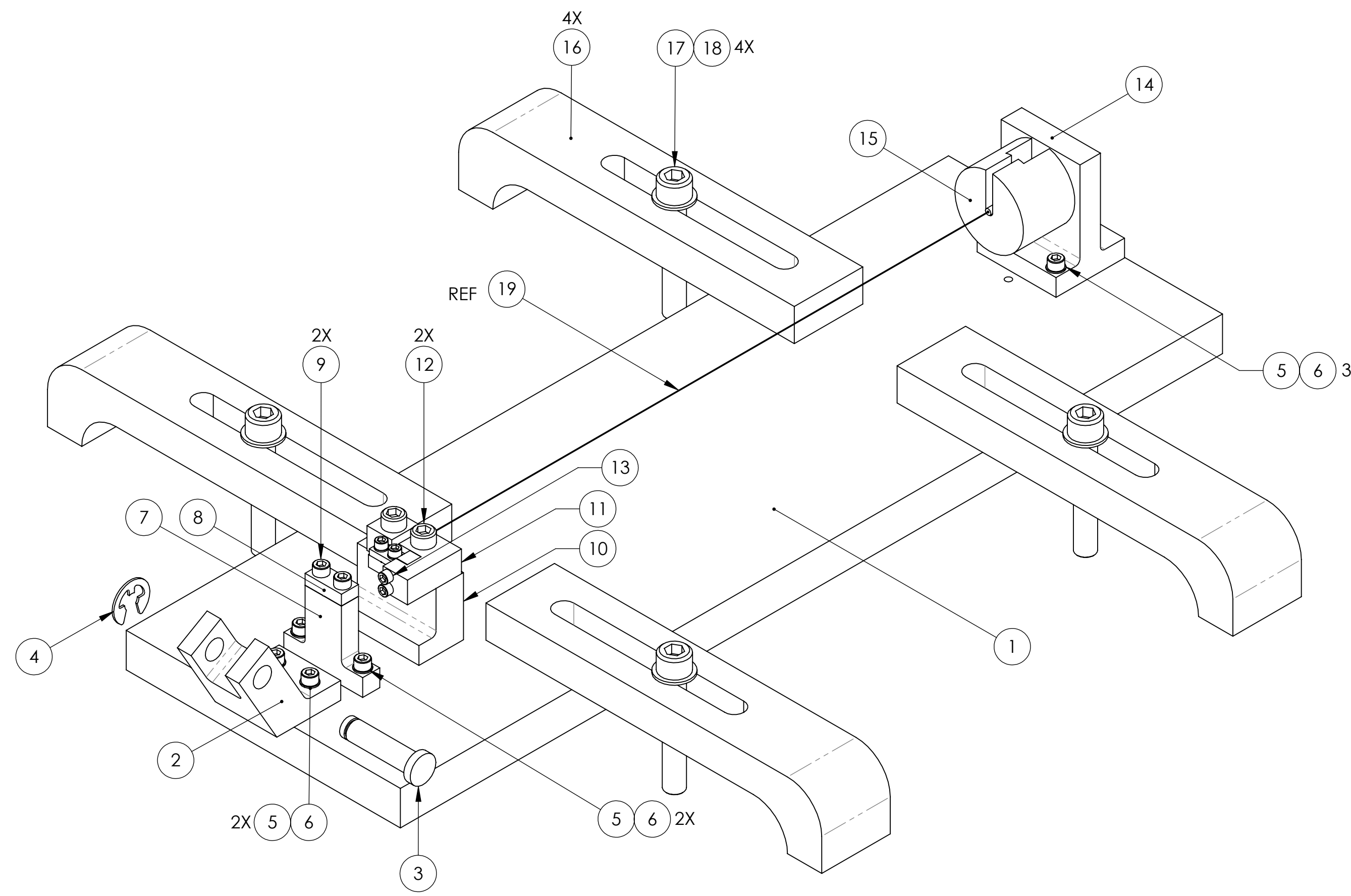
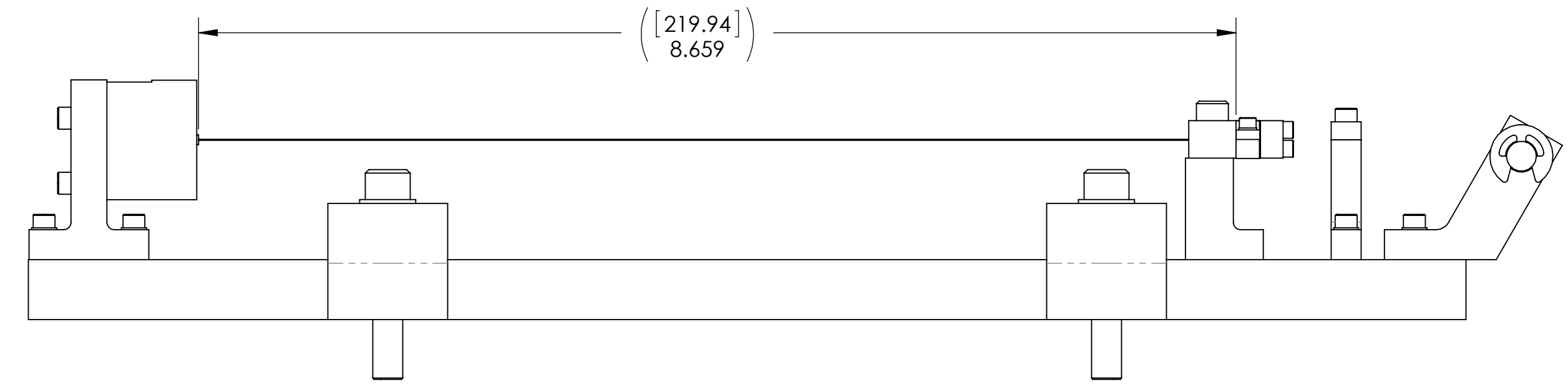
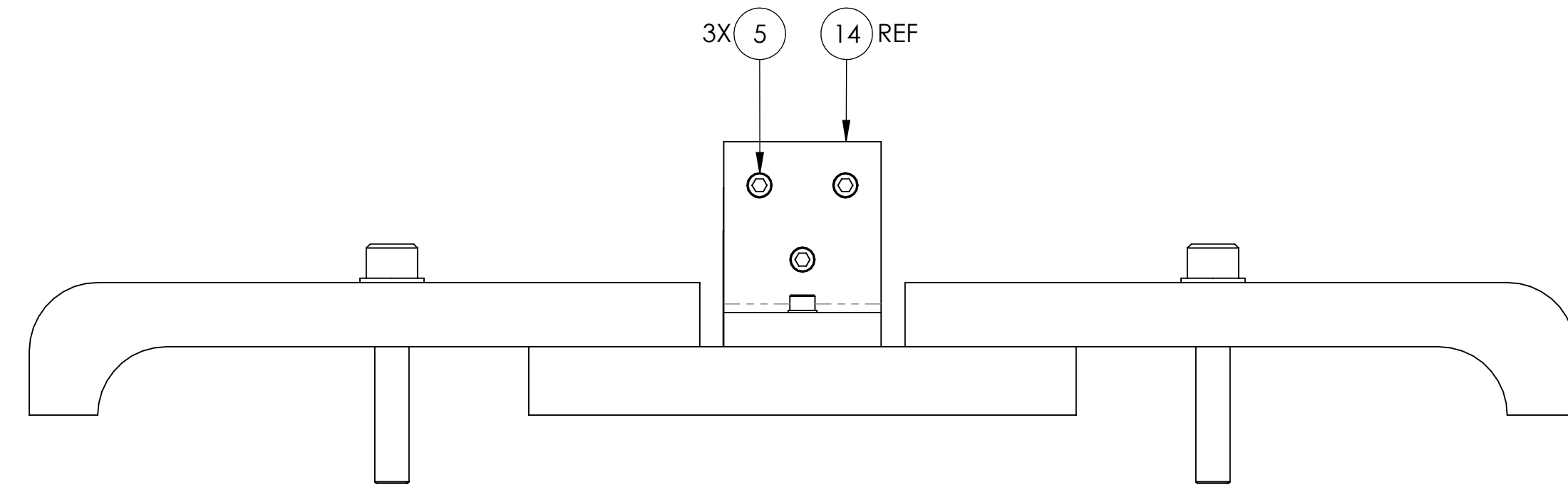


REV.	DATE	DCN #	DRAWING TREE #
A	28 MAR 2008	E080113	-
B	02 APR 2008	E080129	-
v1	26 NOV 2012	E1201057	E0900061
v2	30 JAN 2013	E1300096	E0900061



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
19	D060537	LOWER WIRE ASSEMBLY	--	REF	0	0
18	-	WASHER, FLAT, 1/4 (NAS 620-C416L OR EQUIVALENT)	300 SSSL	4	1	5
17	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1.5 LONG	Ag-PLATED 300 SSSL	4	1	5
16	D980184	LOS CLAMP, LONG	304, 316 OR 302 SSSL	4	0	4
15	D1201334	METAL MOUNTING BRACKET	6061-T6 Al	1	0	1
14	D1201488	LOWER CLAMP MOUNT	6061-T6 Al	1	0	1
13	-	SCREW, SOCKET HEAD CAP, #2-56 UNC-2A X 0.375 LONG	Ag-PLATED 300 SSSL	2	1	3
12	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 1.5 LONG	300 SSSL	2	1	3
11	D020159	LOWER BLADE WIRE CLAMP	6061-T6 Al	1	0	1
10	D1201490	LOWER BLADE WIRE CLAMP SPACER	6061-T6 Al	1	0	1
9	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.375 LONG	Ag-PLATED 300 SSSL	2	1	3
8	D020380	WIRE START CLAMP, OUTSIDE	304, 316 OR 302 SSSL	1	0	1
7	D1201486	WIRE START CLAMP, INSIDE	304, 316 OR 302 SSSL	1	0	1
6	-	WASHER, FLAT, #4 (NAS 620-C4L OR EQUIVALENT)	300 SSSL	7	2	9
5	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.5 LONG	300 SSSL	10	3	13
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	D070250	BASE PLATE	6061-T6 Al	1	0	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

1. THIS JIG TO BE USED IN THE ASSEMBLY OF D060537 OMCS LOWER WIRE ASSEMBLY AS DESCRIBED IN T080117 OMCS ASSEMBLY SPECIFICATION.

DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
 .XX ± .01
 .XXX ± .005

ANGULAR ± 0.5°

MATERIAL: --
 FINISH: -- μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS

NEXT ASSY: OMCS OVERALL ASSY AND FIXTURES

PART NAME
 LOWER WIRE JIG ASSEMBLY

DESIGNER: D. BRIDGES 01 FEB 2013 SIZE: D DWG. NO.: D070249 REV.: v2

DRAFTER: D. BRIDGES 01 FEB 2013

CHECKER: B. MOORE 01 FEB 2013

APPROVAL: [Signature]

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

D070249 - ADVANCED LIGO SUSPENSIONS OMCS LOWER WIRE JIG - PART FROM REV-V1-002L DRAWING PDM REV-V1-000