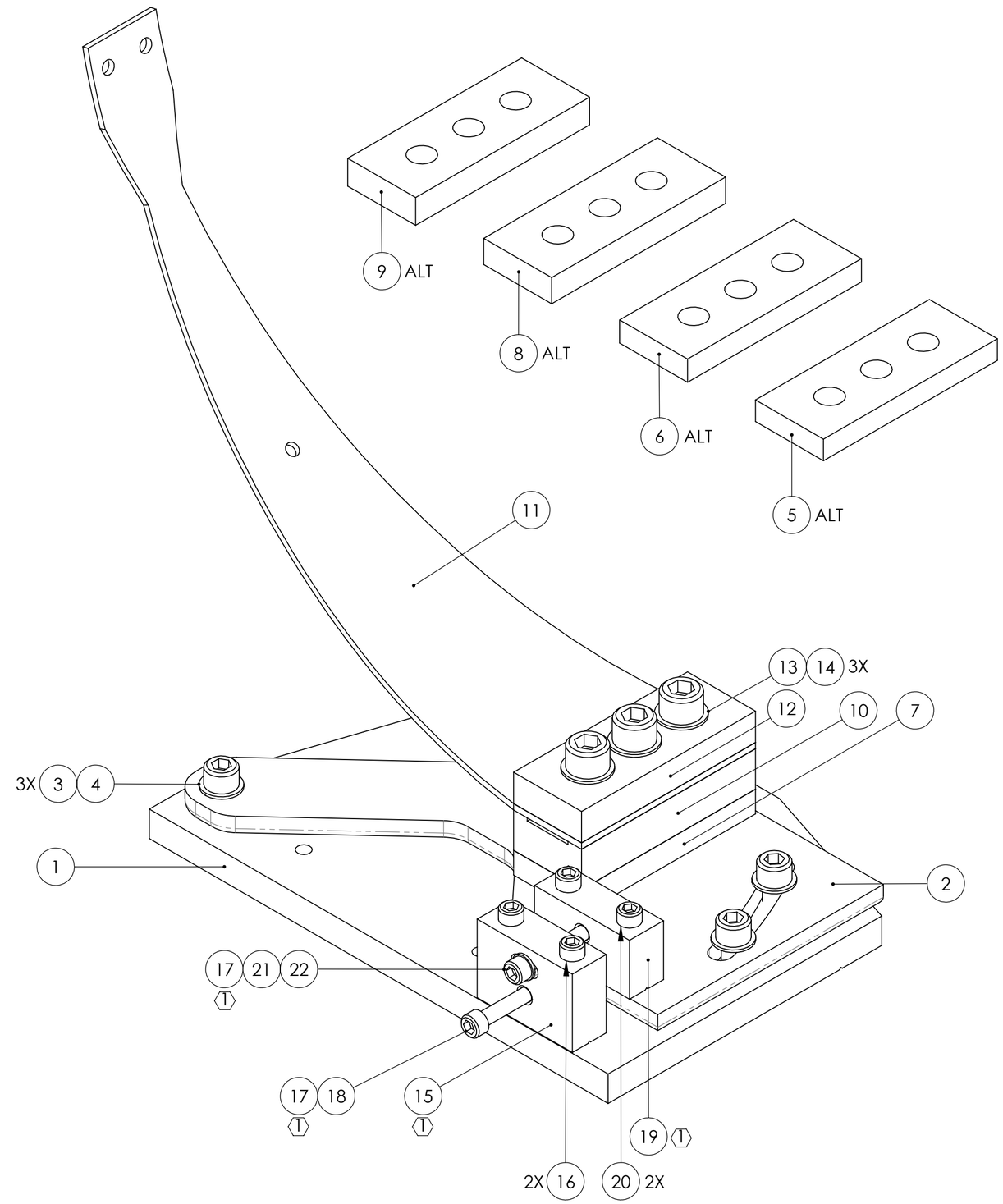
REV.	DATE	DCN #	DRAWING TREE #
v1	03 MAR 2009	E0900065	E080191
v2	18 MAY 2010	E1000166	E080191
v3	09 DEC 2010	E1000849	E080191



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
22	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 1.5 LONG, FULLY THREADED	300 SSTL	1	1	2
21	-	WASHER, FLAT, VENTED, #8 (U-C COMPONENTS P/N WFV-08 OR EQUIVALENT)	300 SSTL	1	1	2
20	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 1 LONG	Ag-PLATED 300 SSTL	2	1	3
19	D070329	PULL PLATE ⟨1⟩	304, 316 OR 302 SSTL	1	0	1
18	D0900990	SCREW, SOCKET HEAD CAP, #8-32 UNC-3A X 1.5 LONG, FULLY THREADED, ROUNDED END	300 SSTL	1	1	2
17	1185-2EN410	HELICOIL, #8-32 X 0.41 LONG ⟨1⟩	NITRONIC 60	2	1	3
16	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 1.25 LONG	300 SSTL	2	1	3
15	D070330	PUSH PLATE ⟨1⟩	304, 316 OR 302 SSTL	1	0	1
14	-	SCREW, SOCKET HEAD CAP, 5/16-18 UNC-2A X 1.75 LONG	Ag-PLATED 300 SSTL	3	1	4
13	-	WASHER, FLAT, VENTED, 5/16 (U-C COMPONENTS P/N WFV-31 OR EQUIVALENT)	300 SSTL	3	1	4
12	D020601	BLADE CLAMP (0.0 DEGREE), UPPER BLADE, OUTSIDE	304, 316 OR 302 SSTL	1	0	1
11	D020617	UPPER BLADE, HLTS	MARAGING STEEL C250	1	1	2
10	D020622	BLADE CLAMP (0.0 DEGREE), UPPER BLADE, INSIDE	304, 316 OR 302 SSTL	1	0	1
9	D1001914	SHIM, 2.0mm, UPPER BLADE	304, 316 OR 302 SSTL	ALT	0	0
8	D1003104	SHIM, 1.5mm, UPPER BLADE	304, 316 OR 302 SSTL	ALT	0	0
7	D070331	SHIM, 1.0mm, UPPER BLADE	304, 316 OR 302 SSTL	1	0	1
6	D1002973	SHIM, 0.5mm, UPPER BLADE	304, 316 OR 302 SSTL	ALT	0	0
5	D1003105	SHIM, 0.0mm, UPPER BLADE	304, 316 OR 302 SSTL	ALT	0	0
4	-	WASHER, FLAT, VENTED, 1/4 (U-C COMPONENTS P/N WFV-25 OR EQUIVALENT)	300 SSTL	3	1	4
3	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.625 LONG	300 SSTL	3	1	4
2	D070328	ROTATING PLATE	304, 316 OR 302 SSTL	1	0	1
1	D070327	BASE PLATE	6061-T6 Al	1	0	1

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

⟨1⟩ HELICOILS TO BE INSTALLED INTO ITEM NO. 15 AND ITEM NO. 19 BY LIGO PERSONNEL PRIOR TO ASSEMBLY AND AFTER ALL PARTS ARE CLEANED AND BAKED.
2. PARTS TO BE ASSEMBLED ACCORDING TO 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

NEXT ASSY HLTS SUSPENSION ASSY

PART NAME ROTATIONAL ADJUSTER

DESIGNER	D. BRIDGES	10 DEC 2010	**SIZE**	**DWG. NO.**	**REV.**
DRAFTER	D. BRIDGES	10 DEC 2010	C	D070326	v3
CHECKER	B. MOORE	13 DEC 2010			
APPROVAL			**SCALE:** 1:1	**PROJECTION:**	SHEET 1 OF 1