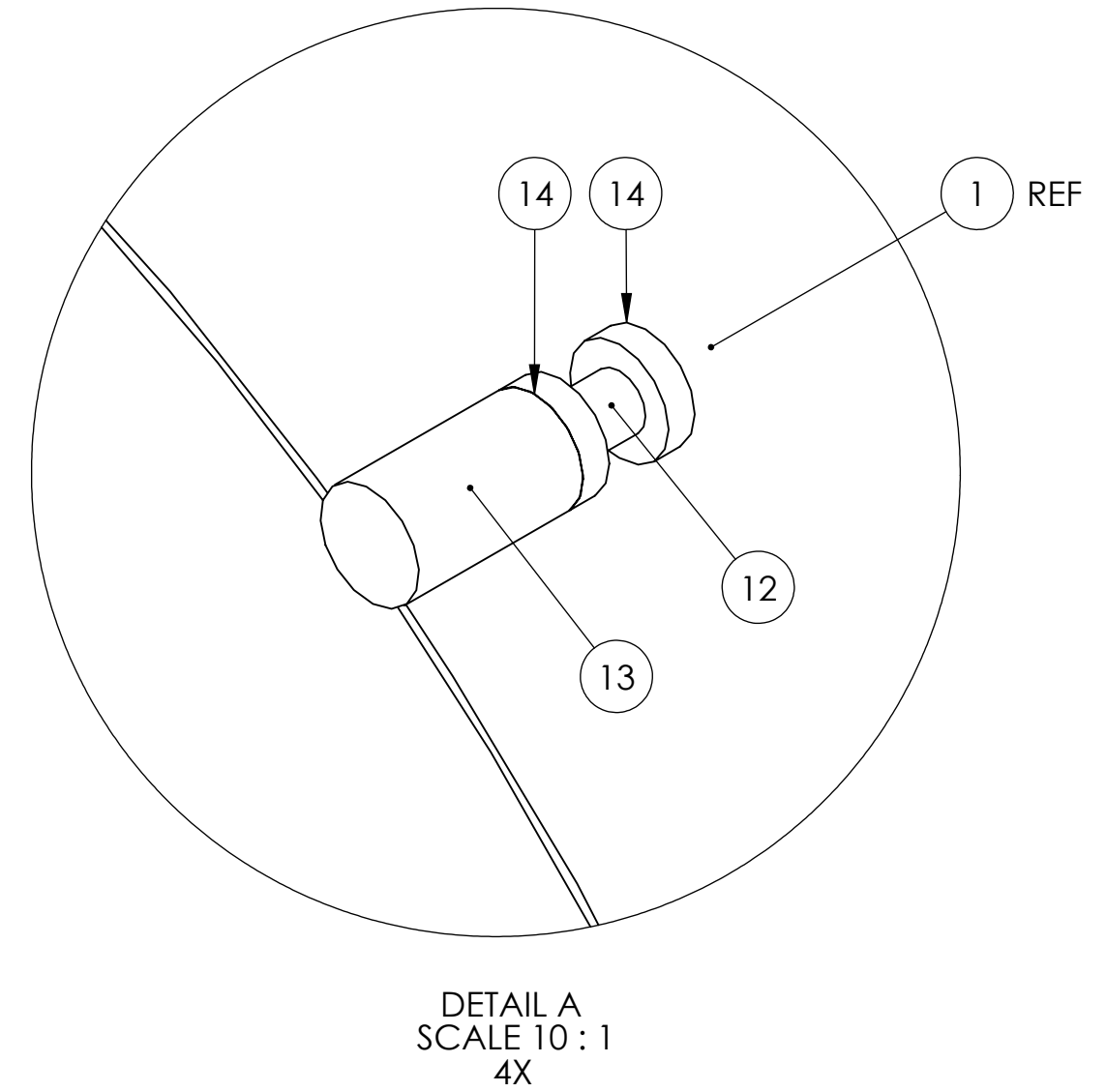
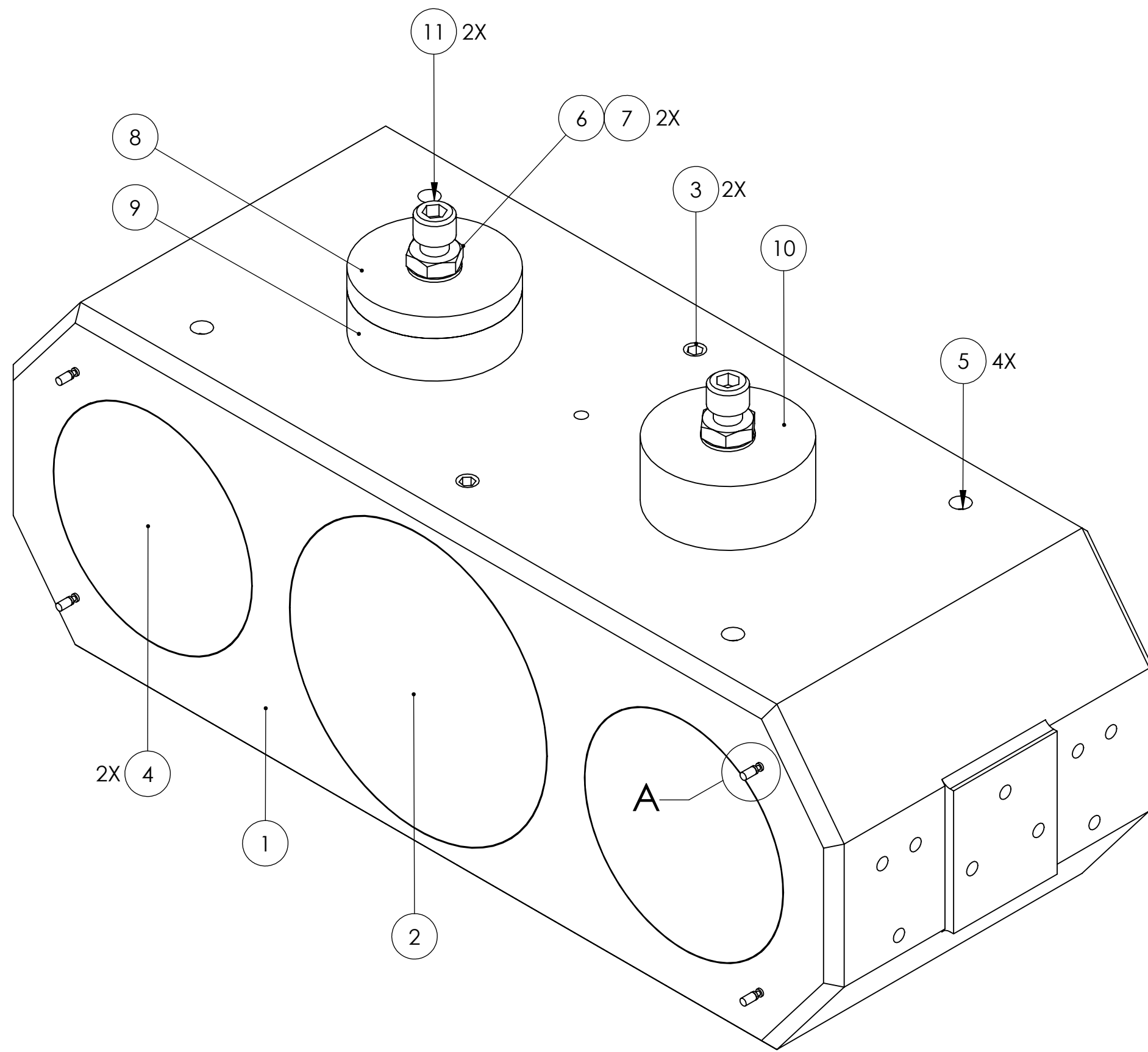


REV.	DATE	DCN #	DRAWING TREE #
v1	24 JUN 2009	E0900176	E080191
-	-	-	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
14	-	UHV-COMPATIBLE ADHESIVE (CERAMABOND #835M OR EQUIVALENT)	-	A/R	0	0
13	SCDS-750-125	SINTERED SmCo MAGNET, 0.075 X 0.125 (MMC P/N OR EQUIVALENT)	SmCo 2:17	4	1	5
12	D970075	DUMBBELL STANDOFF	6061-T6 Al	4	2	6
11	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1.5 LONG, VENTED	Ag-PLATED 300 SSSL	2	1	3
10	D080263	ADDITIONAL MASS DISK, 150g	304, 316 OR 302 SSSL	A/R	0	0
9	D070333	ADDITIONAL MASS DISK, 100g	304, 316 OR 302 SSSL	A/R	0	0
8	D0901405	ADDITIONAL MASS DISK, 50g	304, 316 OR 302 SSSL	A/R	0	0
7	-	JAM NUT, 1/4-20	300 SSSL	2	1	3
6	-	WASHER, FLAT, 1/4 (NAS 620-C416L OR EQUIVALENT)	300 SSSL	2	1	3
5	-	SCREW, SOCKET SET, 1/4-20 UNC-2A X 0.5 LONG	Ag-PLATED 300 SSSL	4	1	5
4	D030156	SIDE OFFSET	6061-T6 Al	2	0	2
3	-	SCREW, SOCKET SET, 1/4-20 UNC-2A X 0.25 LONG	Ag-PLATED 300 SSSL	2	1	3
2	D080181	INT. MASS CHANGER ASSY	N/A	1	0	1
1	D070336	MAIN SECTION	304, 316 OR 302 SSSL	1	0	1
PARTS LIST						

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

1. PARTS TO BE ASSEMBLED ACCORDING TO E080208 HLTS ASSEMBLY SPECIFICATION, USING D0901461 HLTS INTERMEDIATE MASS MAGNET PLACEMENT FIXTURE.

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

INTERMEDIATE MASS ASSY

DESIGNER

D. BRIDGES

19 JUL 2009

DRAFTER

D. BRIDGES

19 JUL 2009

CHECKER

M. MEYER

20 JUL 2009

APPROVAL

SIZE

C

DWG. NO.

D070334

REV.

v1

SCALE: 1:1

PROJECTION:

⊕

SHEET 1 OF 1