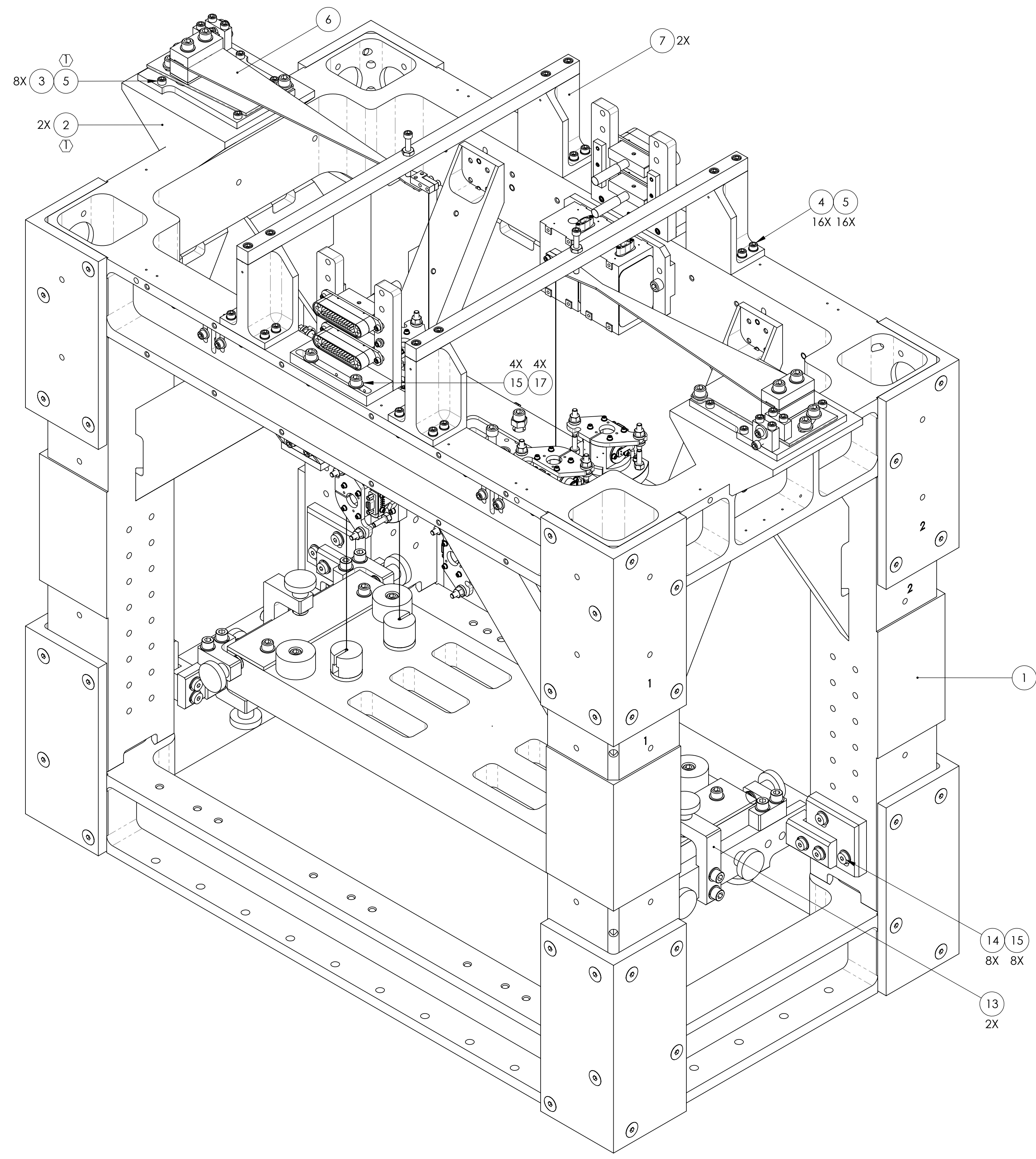


REV.	DATE	DCN #	DRAWING TREE #
v1	20 MAY 2009	E0900053	E0900052
v2	-	INTERNAL REVISION	E0900061
v3	28 JAN 2013	E1300085	E0900061
v4	28 JAN 2013	E1300085	E0900061



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
17	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.625 LONG	300 SSSL	4	1	5
16	D1001346	HAM TABLE CABLE BRACKET ASSY	N/A	2	0	2
15	-	WASHER, FLAT, VENTED, 1/4 (U-C COMPONENTS P/N WFV-25 OR EQUIVALENT)	300 SSSL	12	3	15
14	-	SCREW, SOCKET HEAD CAP, LOW HEAD, 1/4-20 X 0.75 LONG	300 SSSL	8	2	10
13	D1201441	EARTHQUAKE STOP ASSY	N/A	2	0	2
12	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.625 LONG	300 SSSL	16	4	20
11	D1100785-359	WASHER, FLAT, .20 X .359 O.D.	NITRONIC 60	16	4	20
10	D1201213	COIL HOLDER ASSY	N/A	1	0	1
9	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.75 LONG	300 SSSL	2	1	3
8	D1201502	BRACKET AND PREAMP ASSY	N/A	1	0	1
7	D070145	TOP BLADE GUARD ASSY	N/A	2	0	2
6	D1201212	SUSPENDED MASS ASSY	N/A	1	0	1
5	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5 LONG	300 SSSL	44	11	55
4	-	WASHER, FLAT, #8 (NAS 620-C8 OR EQUIVALENT)	300 SSSL	36	9	45
3	1185-2EN246	HELICOIL, #8-32 X 0.246 LONG (T)	NITRONIC 60	8	4	12
2	D070028	BLADE PLATFORM (T)	6061-T6 Al	2	0	2
1	D0900655	STRUCTURAL WELDMENT ASSY	N/A	1	0	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

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

2. PARTS TO BE ASSEMBLED ACCORDING TO T080117 OMCS ASSEMBLY SPECIFICATION.

MATERIAL	N/A	FINISH	N/A μinch
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LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

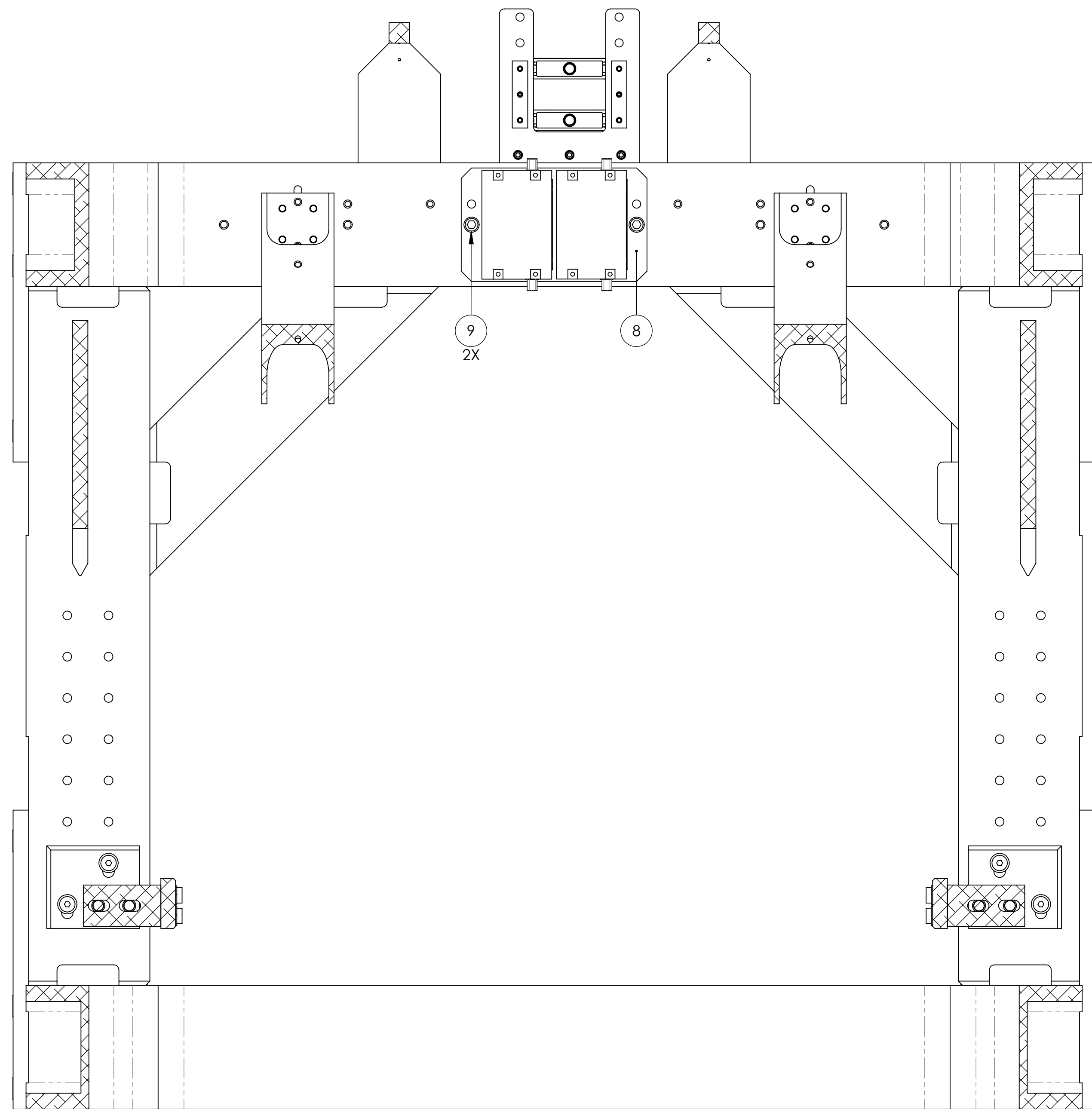
SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **SUS**

NEXT ASSY: **OMCS OVERALL ASSY AND FIXTURES**

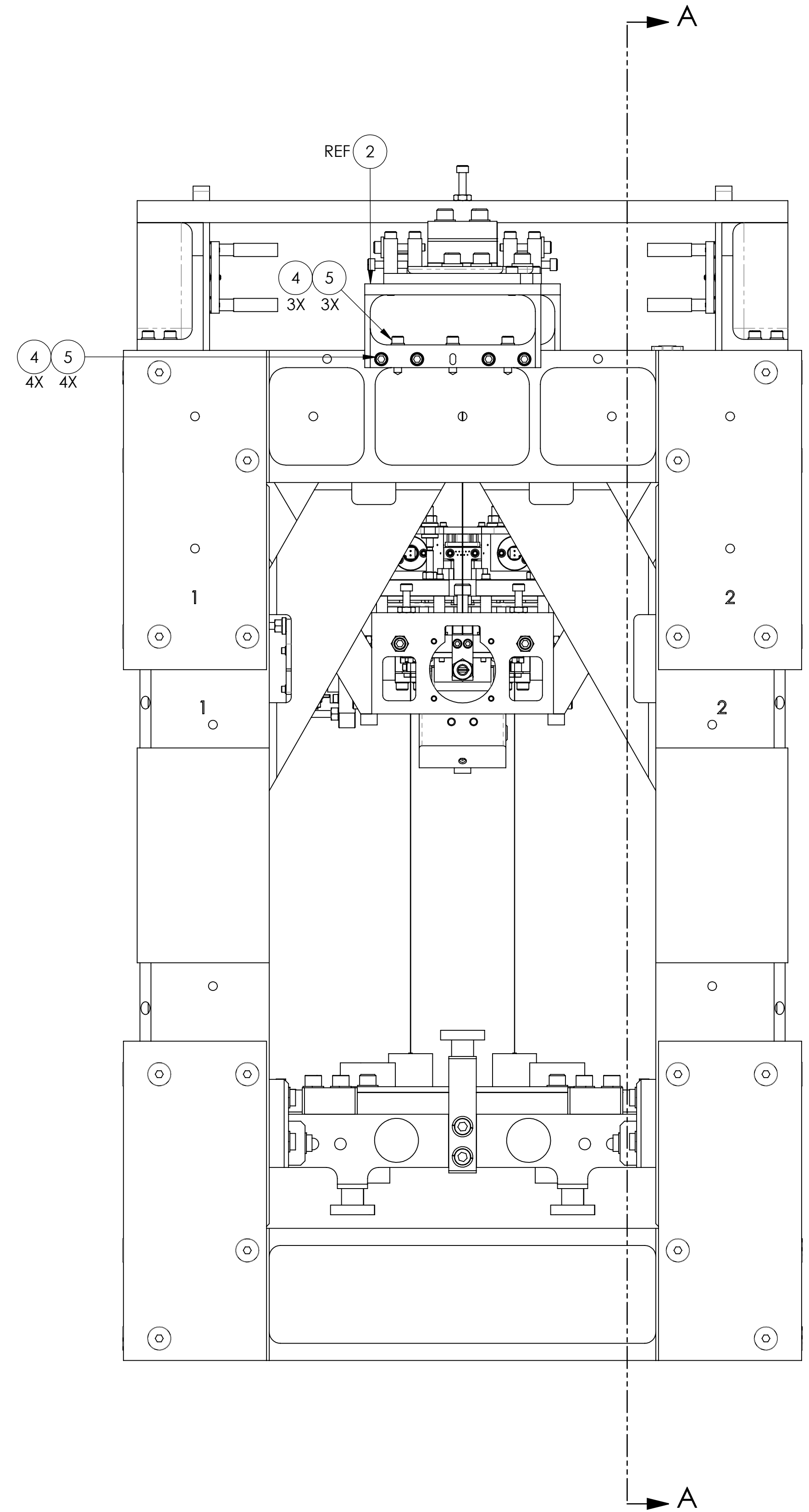
PART NAME
OMCS OVERALL ASSY

DESIGNER	D. BRIDGES	02 APR 2013	SIZE	D	DWG. NO.	D0900295	REV.	v4
DRAFTER	D. BRIDGES	02 APR 2013						
CHECKER	B. MOORE	01 MAY 2013						
APPROVAL			SCALE:	1:2	PROJECTION:			SHEET 1 OF 3

D0900295_Adr/LIGO_SUS_Output/Mode Cleaner Overall Assembly, PART PDM REV: V3-000, DRAWING PDM REV: V3-000



SECTION A-A

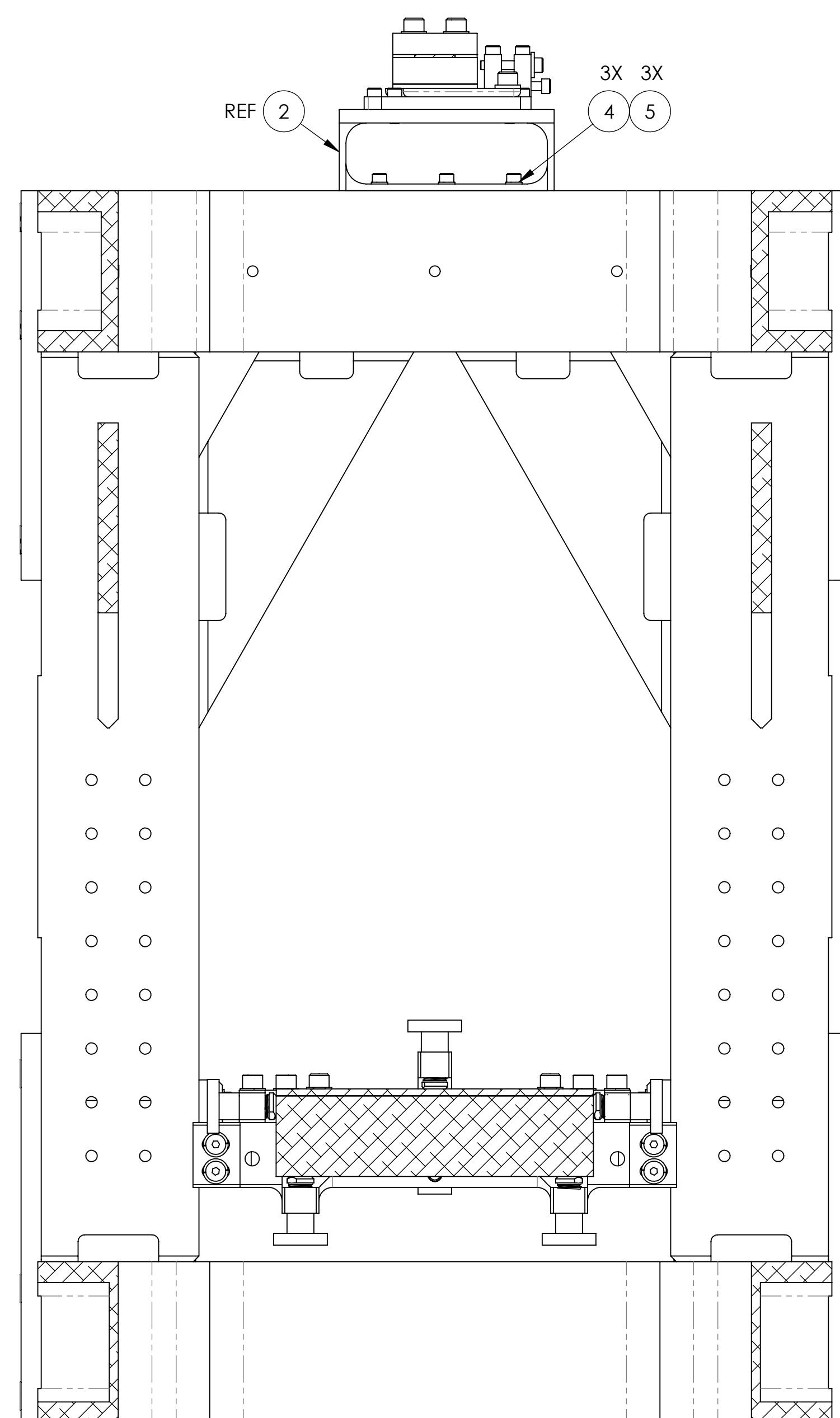
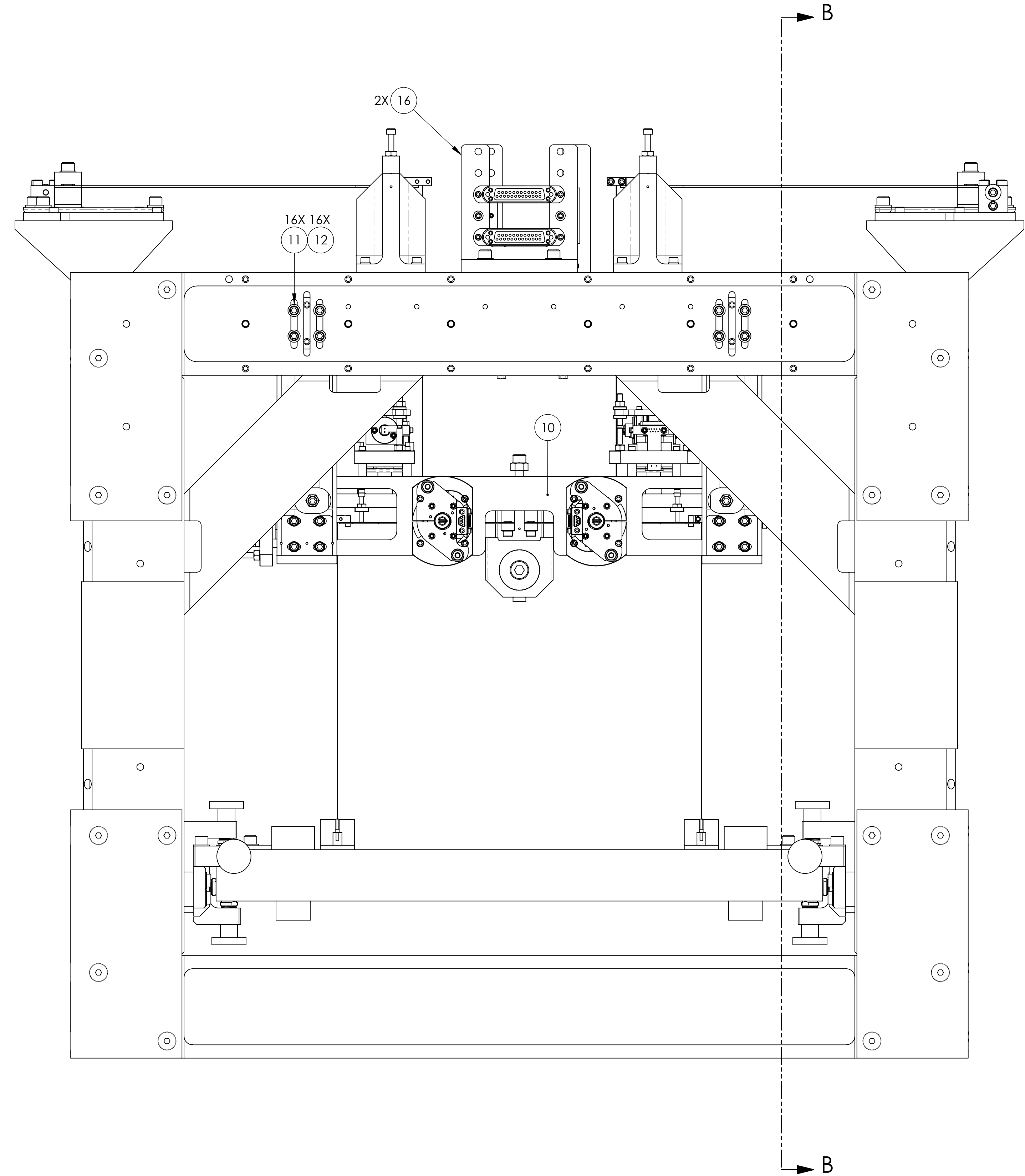


		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE	DWG. NO.	REV.	
D	D0900295	v4	
SCALE: 1:2	PROJECTION:	SHEET 2 OF 3	

D0900295_Avd1UGO_SUS_Output/Mode Cleaner Overall Assembly; PART PDM REV: V3-000; DRAWING PDM REV: V3-000

8 7 6 5 4 3 2 1

H
G
F
E
D
C
B
A



SECTION B-B

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D0900295	v4
SCALE: 1:2	PROJECTION: SHEET 3 OF 3

8 7 6 5 4 3 2 1

DD90295_AsdLIGO_SUS_Output/Mode Cleaner Overall Assembly, PART PDM REV: V3-000, DRAWING PDM REV: V3-000