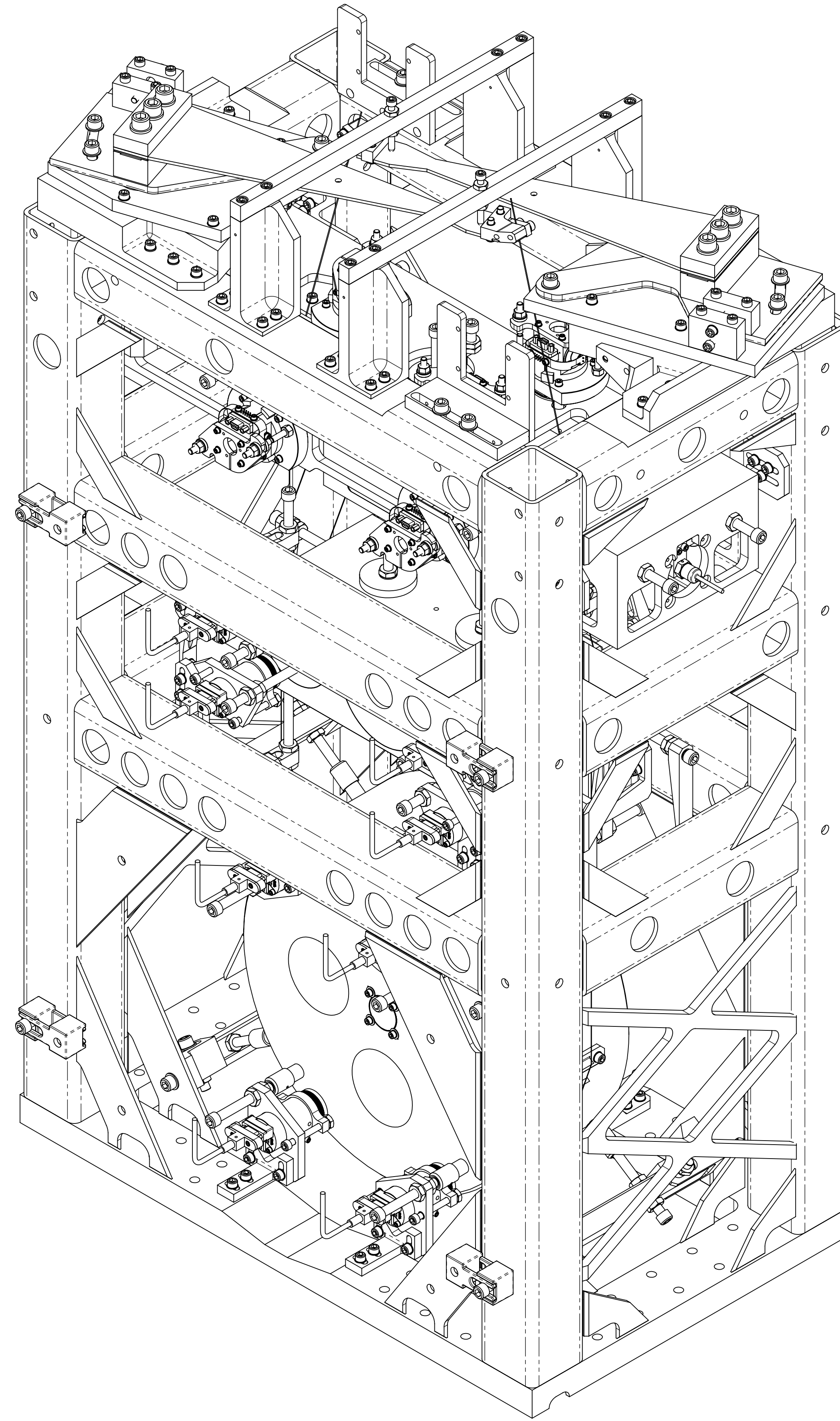
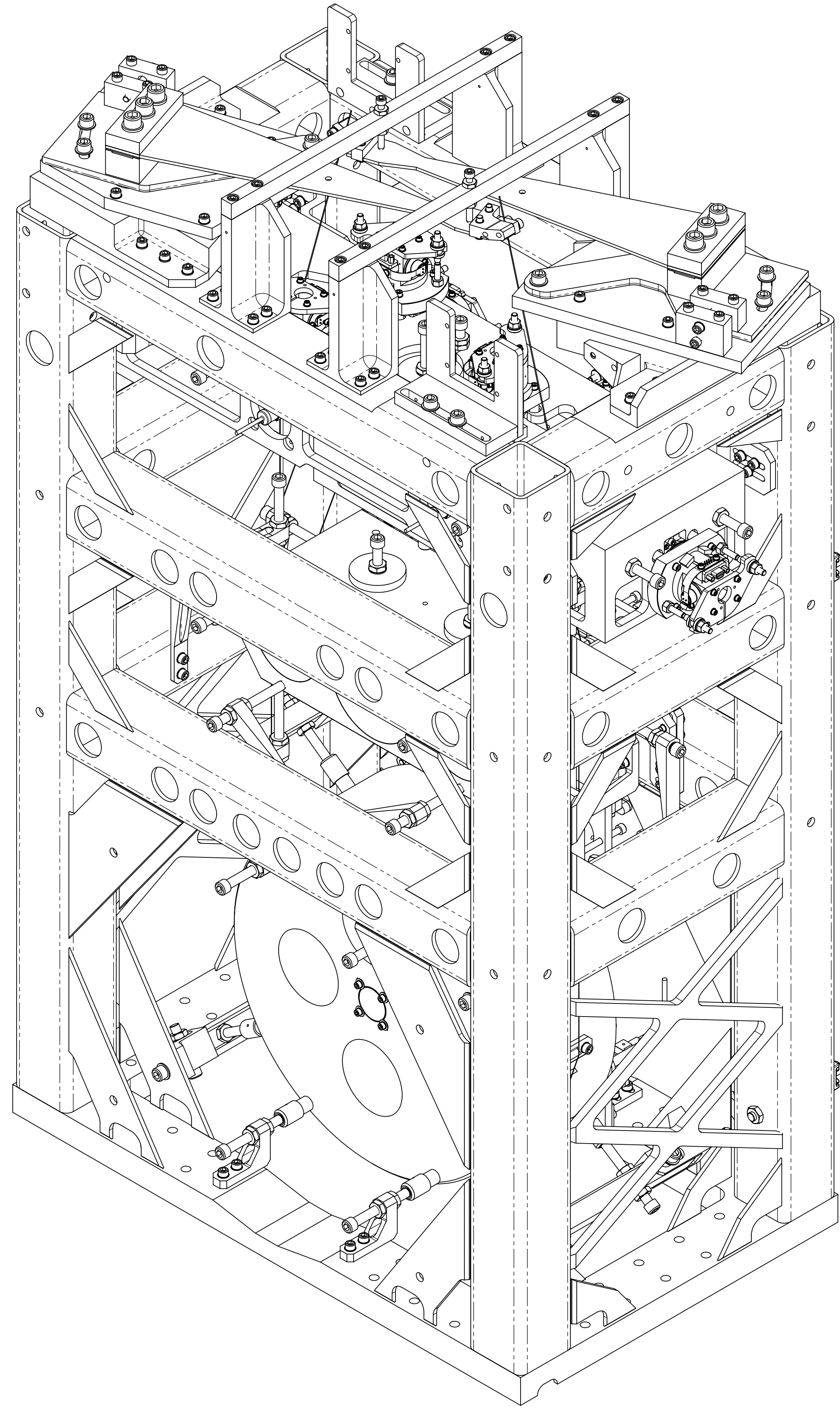


REV.	DATE	DCN #	DRAWING TREE #
v1	02 DEC 2009	E0900446	E080191
-	-	-	-
-	-	-	-

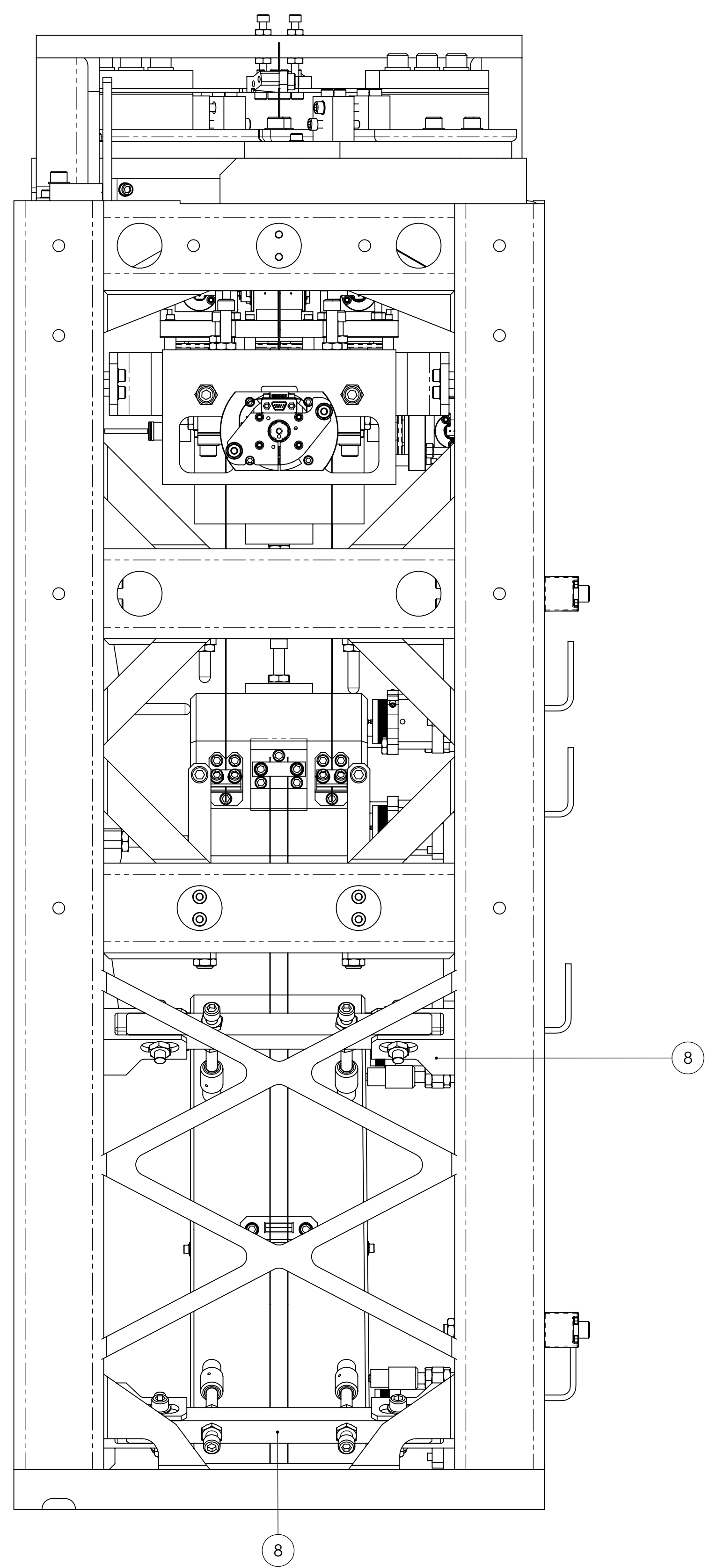
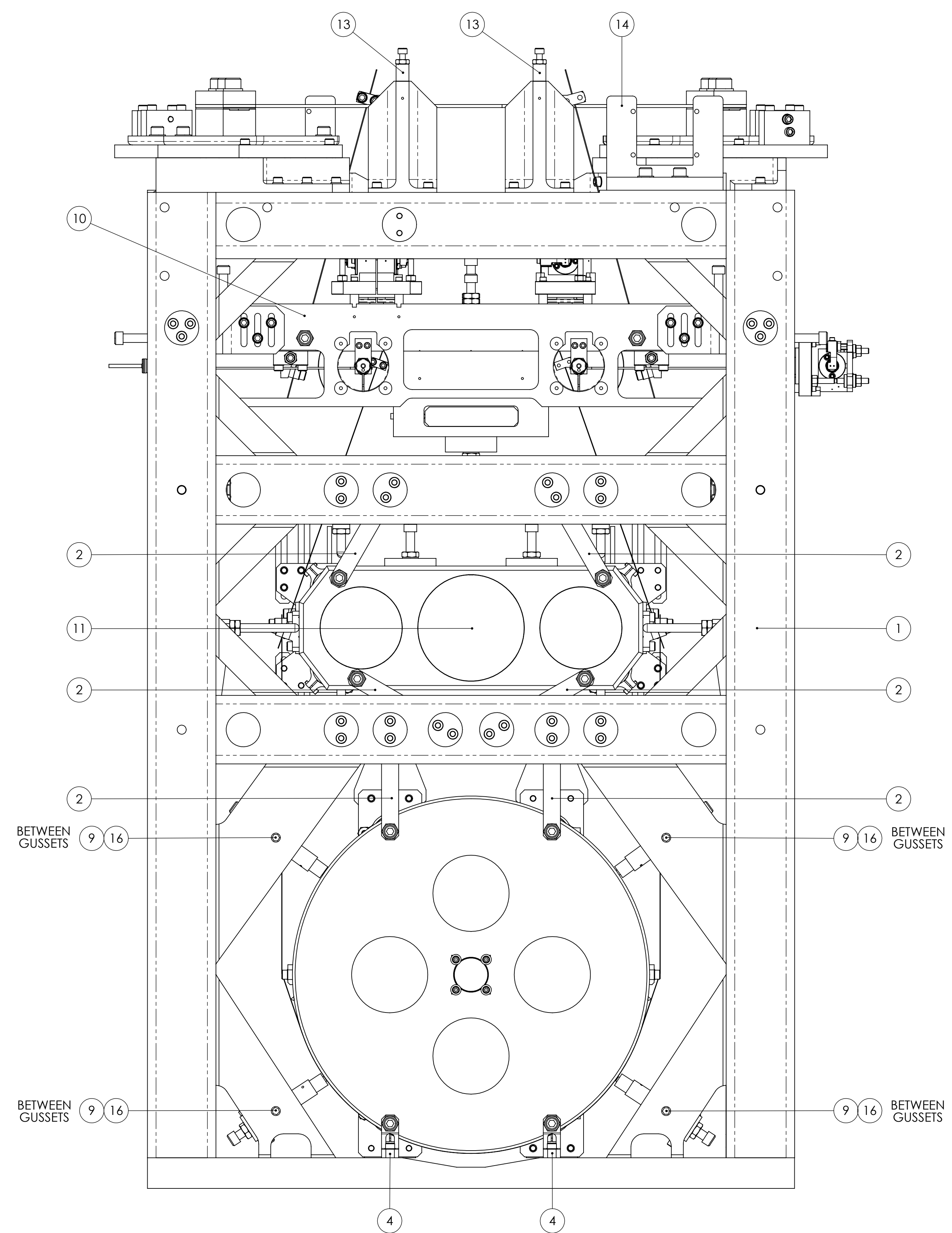
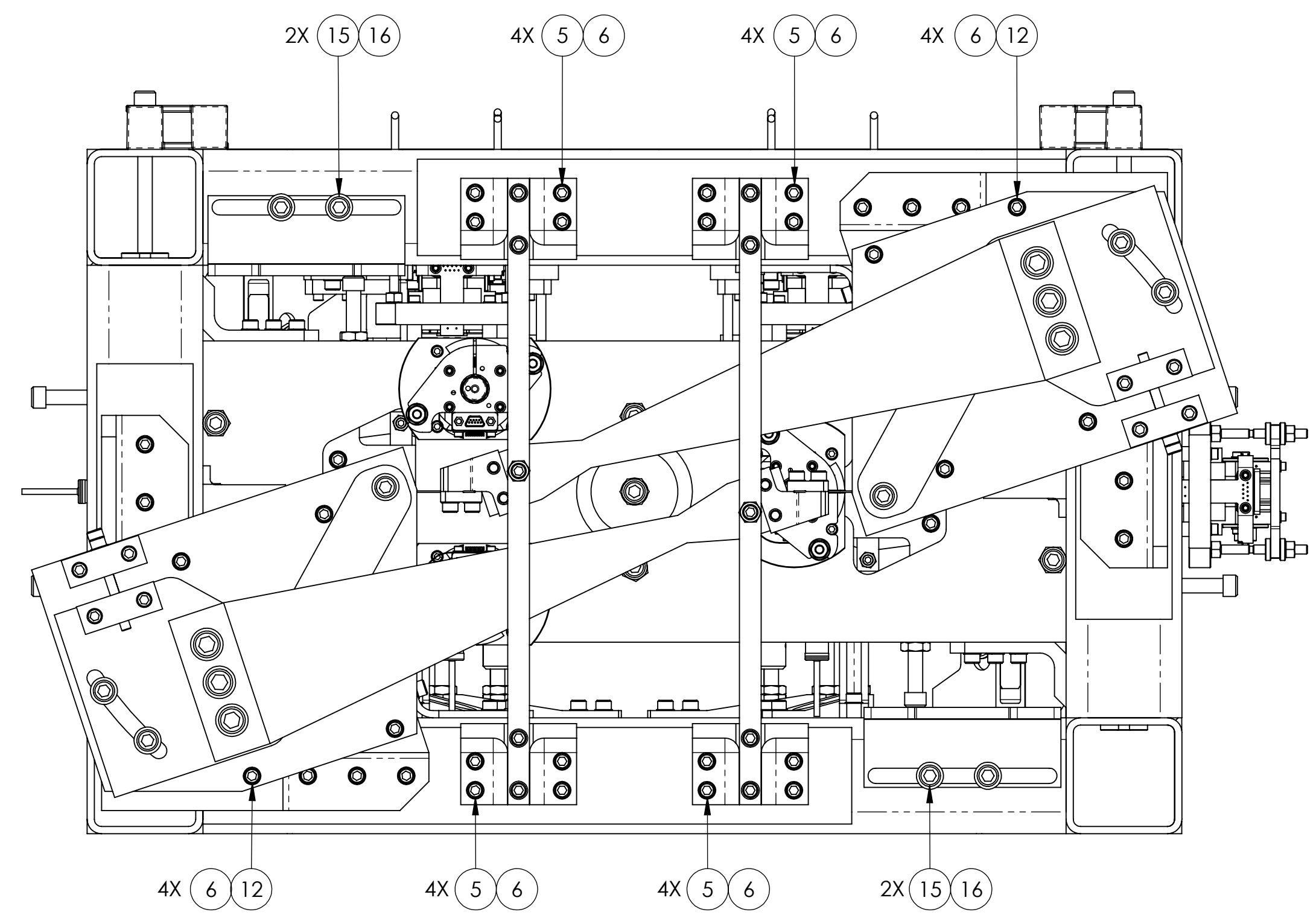


ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
23	D0901553	LOWER AOSEM ALIGNMENT ASSY, TEST MASS	N/A	2	0	2
22	D0901552	UPPER AOSEM ALIGNMENT ASSY, TEST MASS	N/A	2	0	2
21	D0901551	LOWER AOSEM ALIGNMENT ASSY, INT. MASS	N/A	2	0	2
20	D0902024	UPPER AOSEM ALIGNMENT ASSY, INT. MASS	N/A	2	0	2
19	-	JAM NUT, 1/4-20	300 S5TL	4	1	5
18	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 3 LONG	300 S5TL	4	1	5
17	D0900004	UHV COMPATIBLE CABLE CLAMP	PEEK	8	2	10
16	-	WASHER, FLAT, 1/4 (NAS 620-C416L OR EQUIVALENT)	300 S5TL	12	3	15
15	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.625 LONG	Ag-PLATED 300 S5TL	4	1	5
14	D070052	CONNECTOR BRACKET	6061-T6 Al	2	0	2
13	D070308	TOP BLADE GUARD ASSY	N/A	2	0	2
12	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.75 LONG	300 S5TL	8	2	10
11	D070332	HLTS SUSPENSION ASSY	N/A	1	0	1
10	D080677	COIL HOLDER ASSY	N/A	1	0	1
9	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.75 LONG	300 S5TL	8	2	10
8	D070319	EARTHQUAKE STOP ASSY, BRIDGE	N/A	4	1	5
7	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5 LONG, VENTED	Ag-PLATED 300 S5TL	8	2	10
6	-	WASHER, FLAT, #8 (NAS 620-C8L OR EQUIVALENT)	300 S5TL	92	20	112
5	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.5 LONG	Ag-PLATED 300 S5TL	76	16	92
4	D080728	EARTHQUAKE STOP ASSY, SHORT BRACKET	N/A	2	1	3
3	D080727	EARTHQUAKE STOP ASSY, LONG BRACKET	N/A	8	2	10
2	D080726	EARTHQUAKE STOP ASSY, LONG MOUNT	N/A	10	2	12
1	D070537	HLTS STRUCTURE	N/A	1	0	1

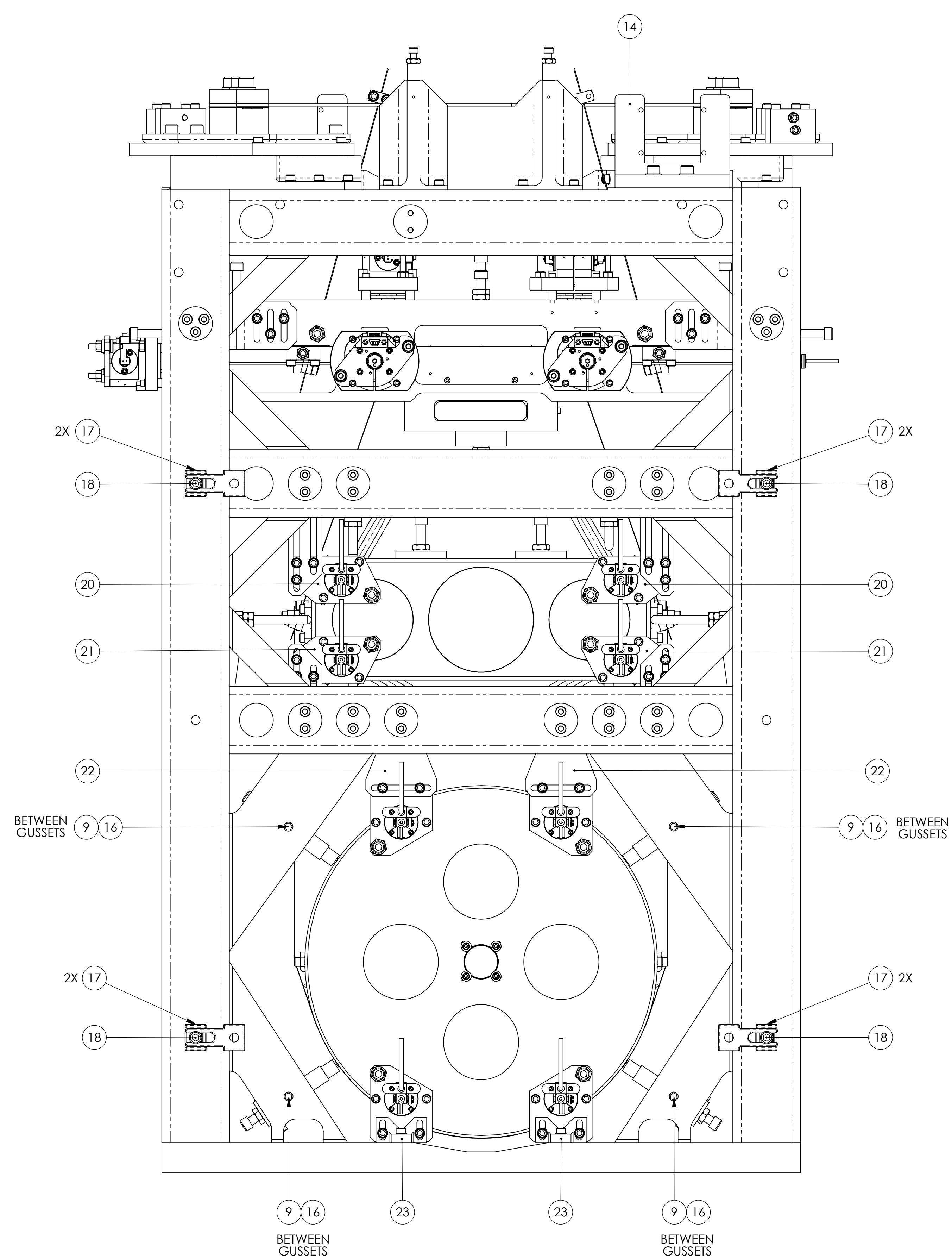
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)
 1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES, R.02 MIN.
 3. DO NOT SCALE FROM DRAWING.
 4. PARTS TO BE ASSEMBLED ACCORDING TO E080208 HLTS ASSEMBLY SPECIFICATION.

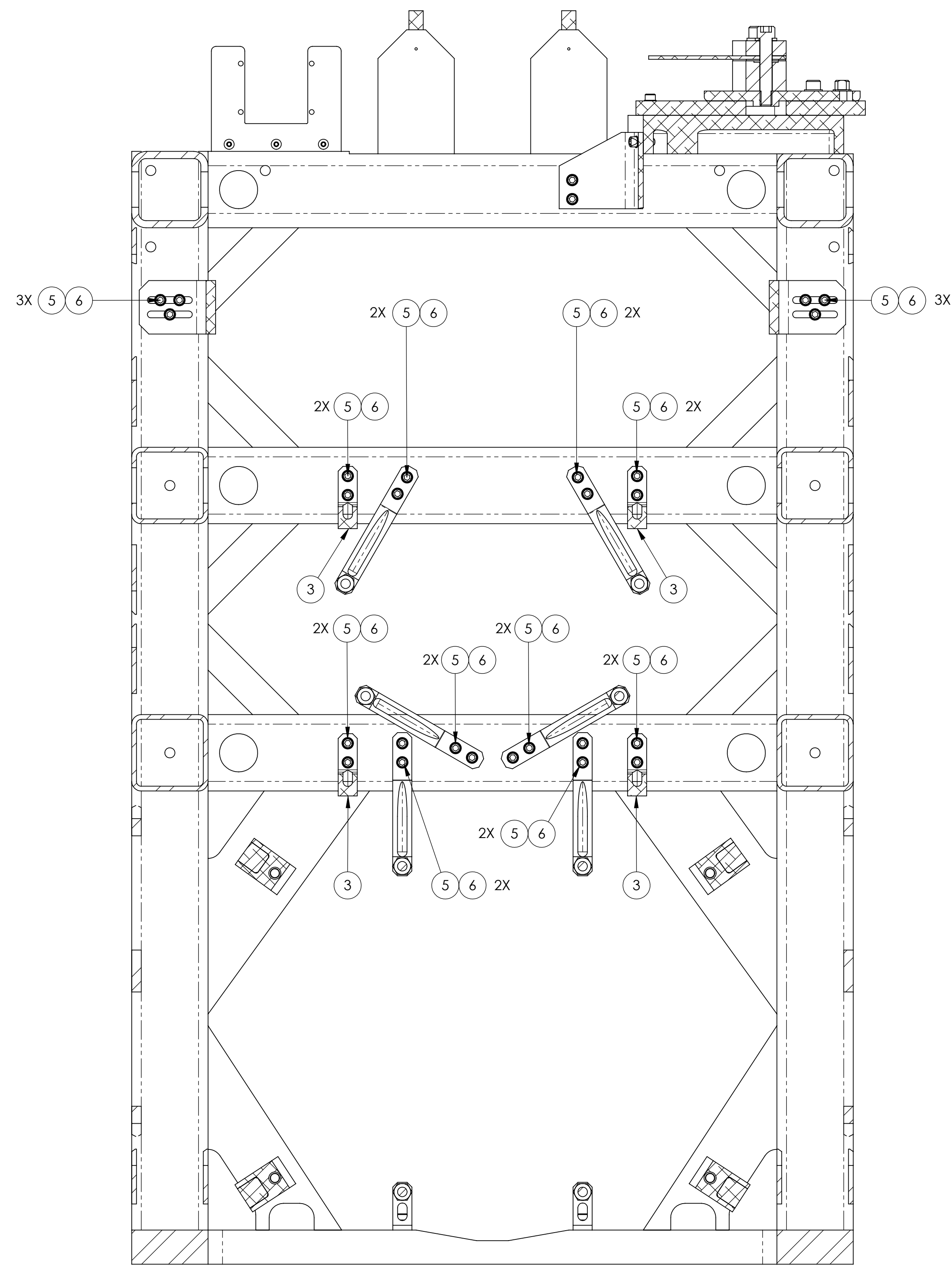
MATERIAL	N/A	FINISH	N/A
UNIT	inch	SCALE	1:2

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		HLTS OVERALL ASSEMBLY	
SYSTEM ADVANCED LIGO	SUB-SYSTEM SUS	DESIGNER D. BRIDGES 01 FEB 2010	SIZE DWG. NO. E D070447
DRAFTER D. BRIDGES 03 FEB 2010	CHECKER M. MEYER 04 FEB 2010	APPROVAL	REV. v1
NEXT ASSY HLTS OVERALL ASSY AND FIXTURES		SCALE: 1:2	PROJECTION:

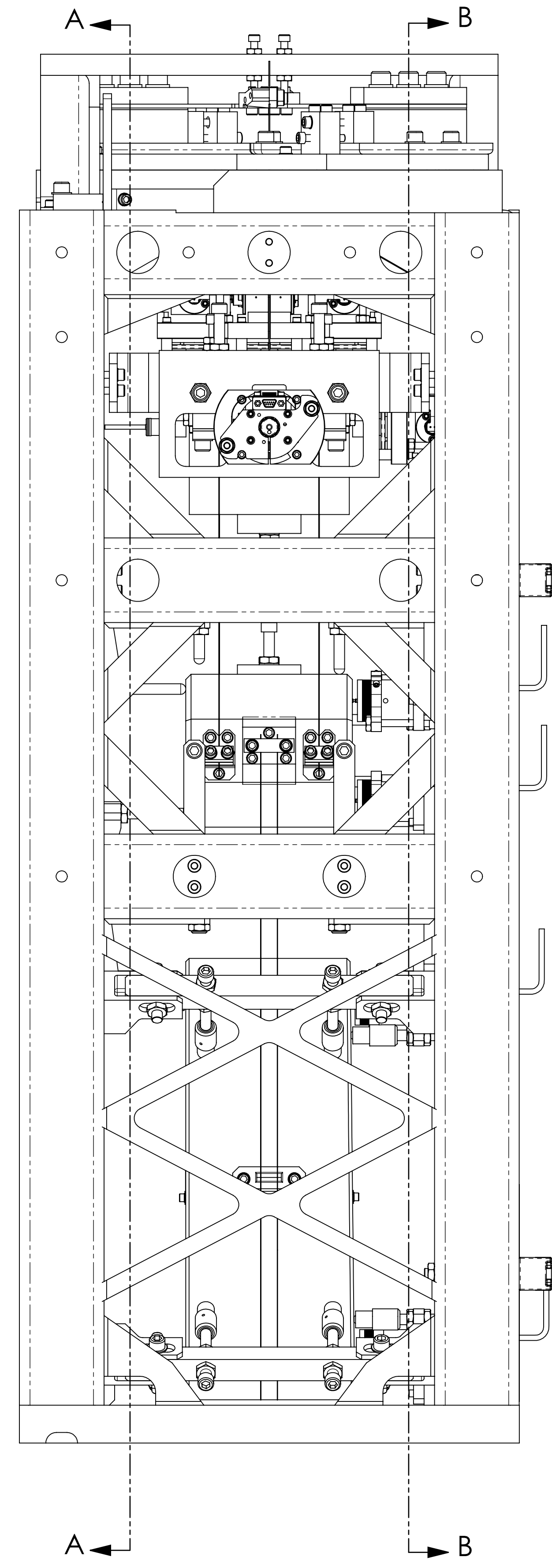


LEFT AND RIGHT SIDES

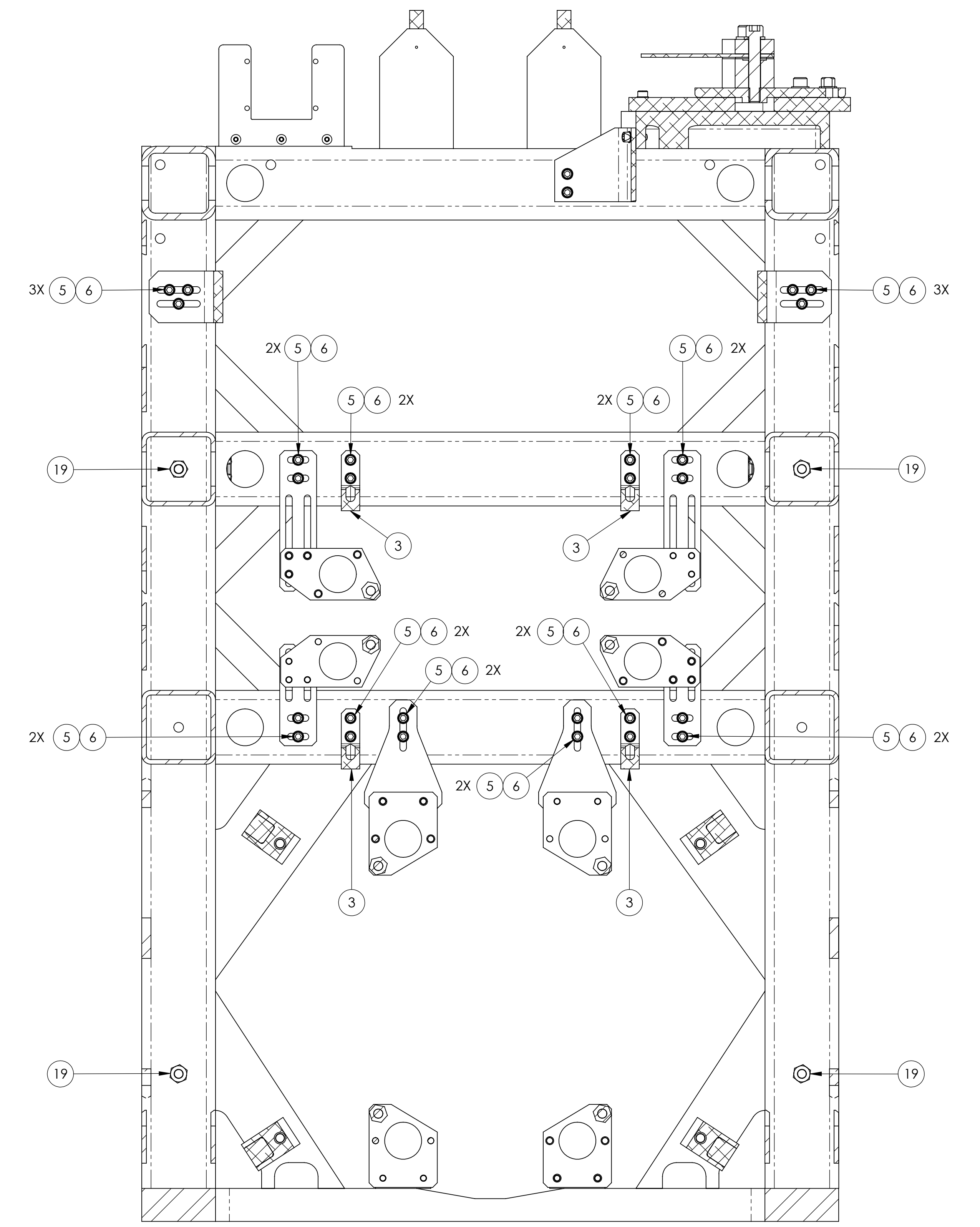




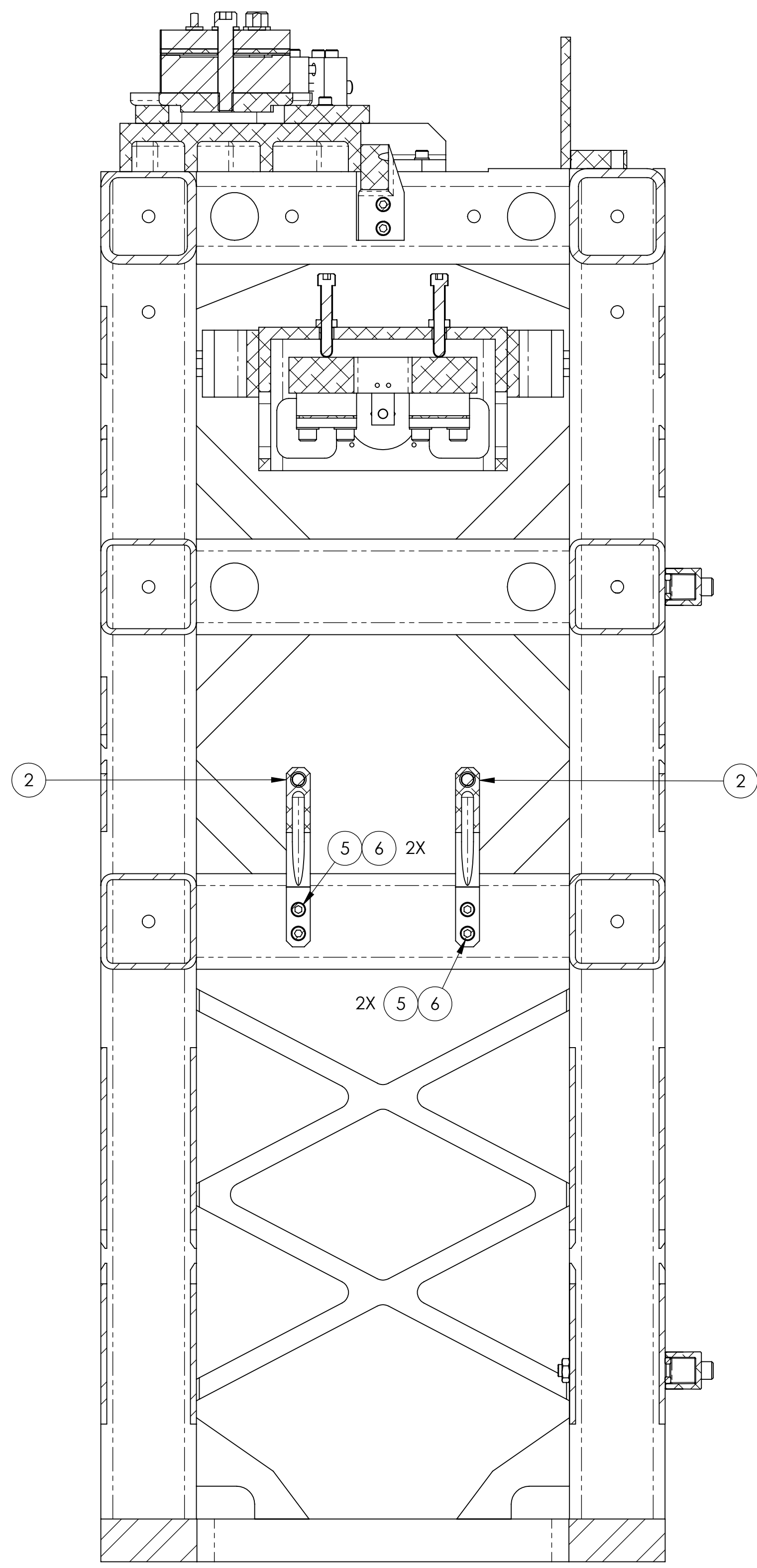
SECTION A-A



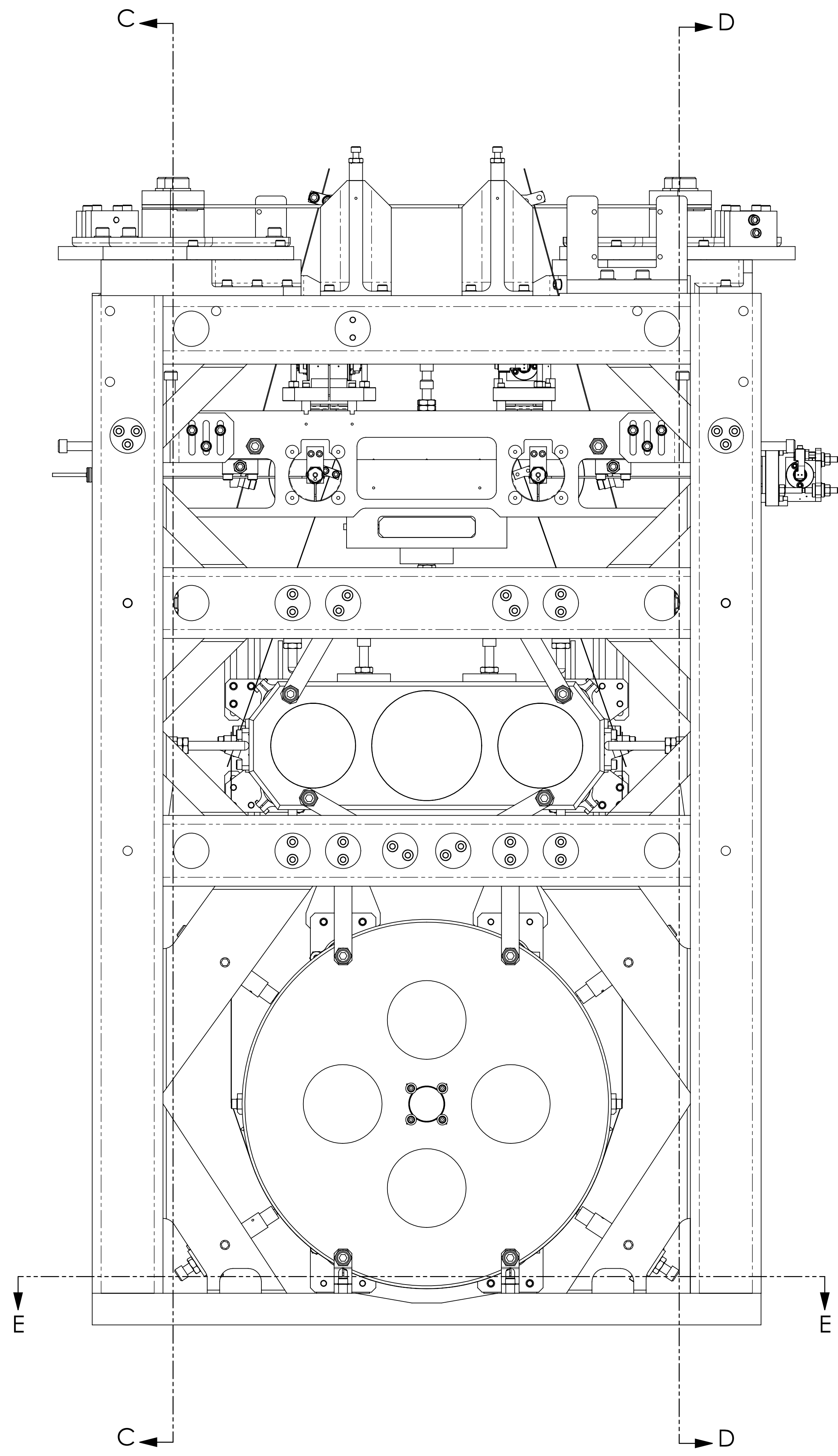
SECTION B-B



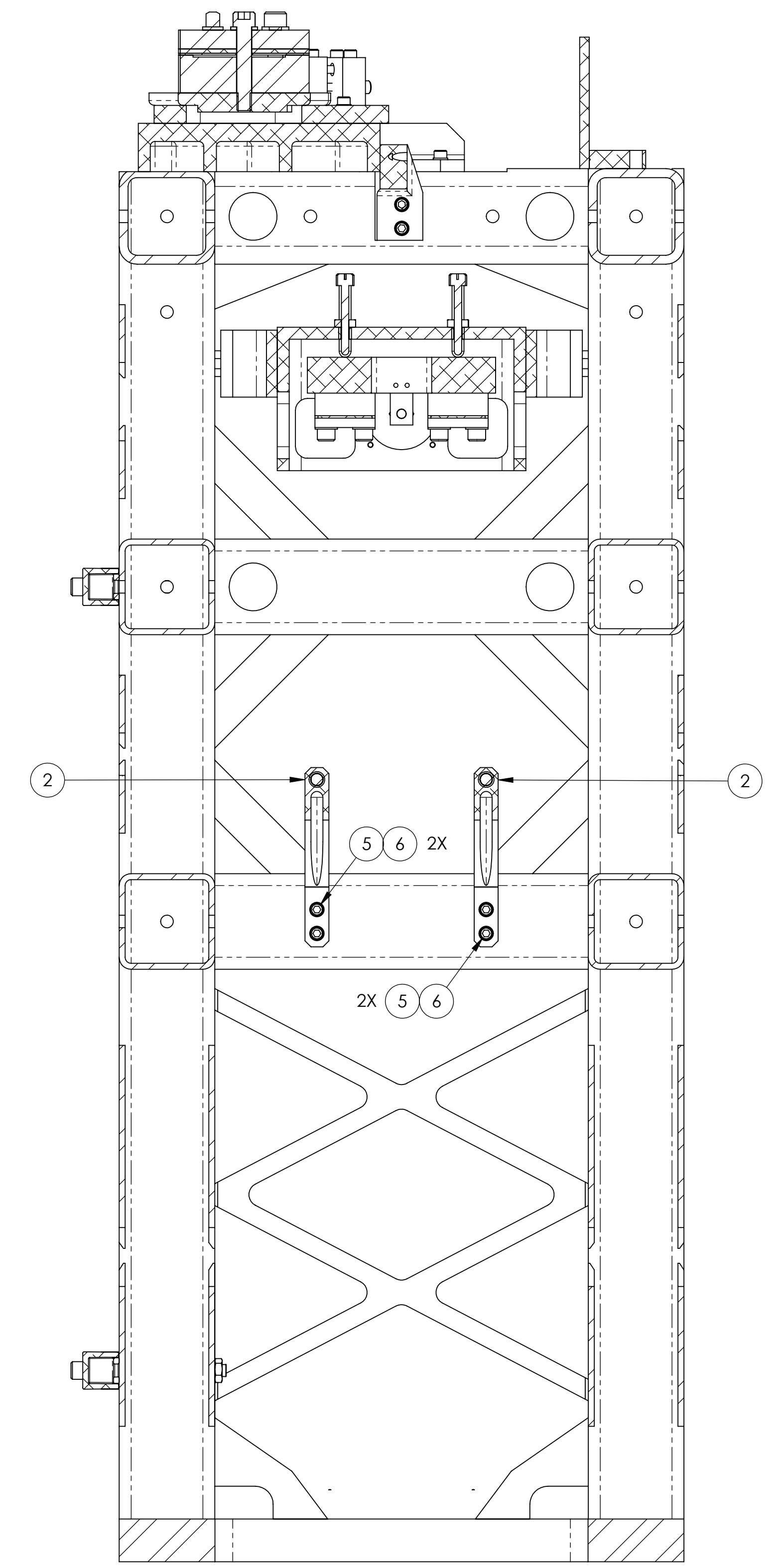
D:\DATA\ADVANCED\UCSD\REV BY: OVERALL ASSEMBLY\STANISLAV.PARTS\REV.X02.DRAWING\REV.X02



SECTION C-C



SECTION D-D



SECTION E-E