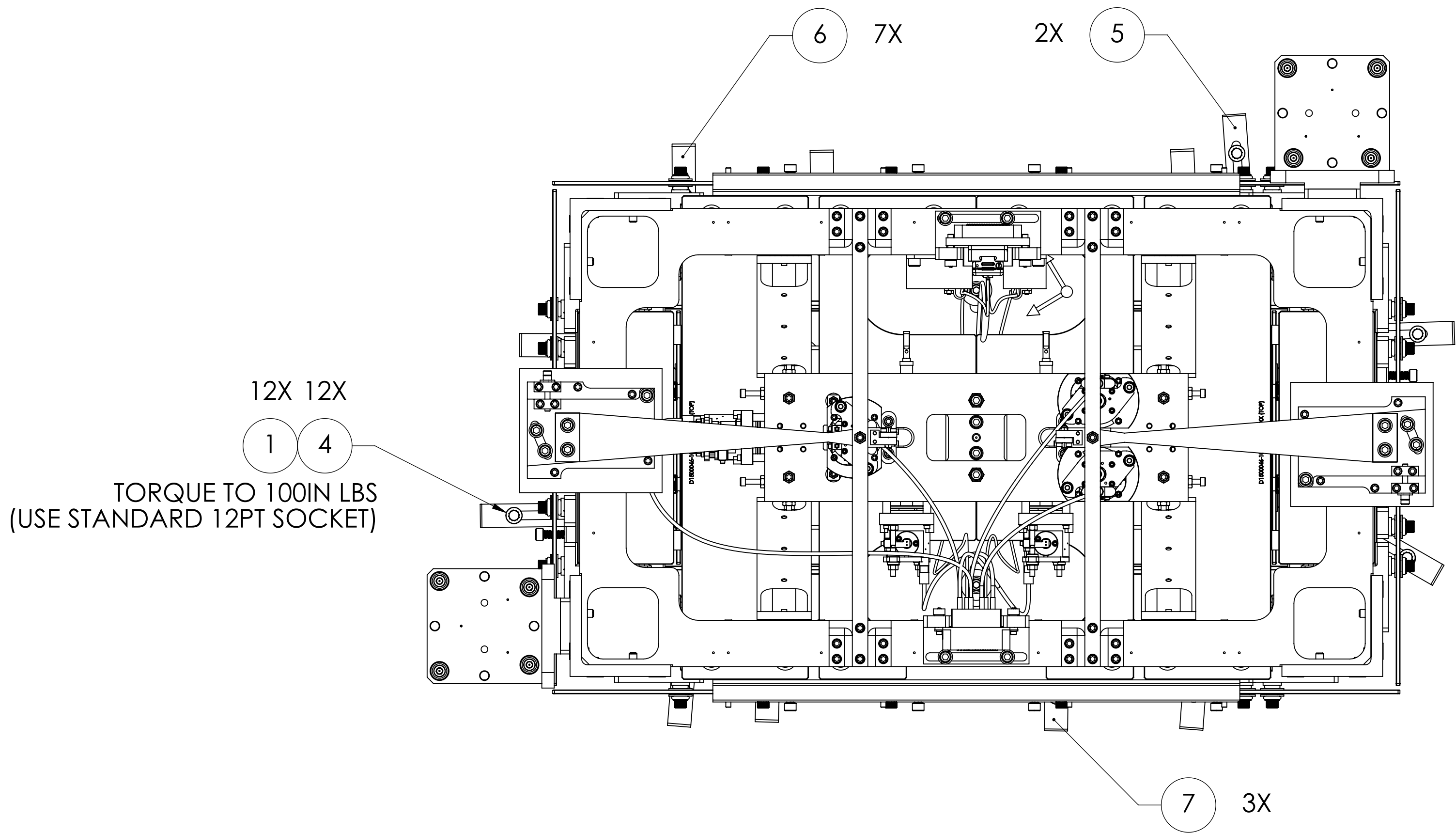
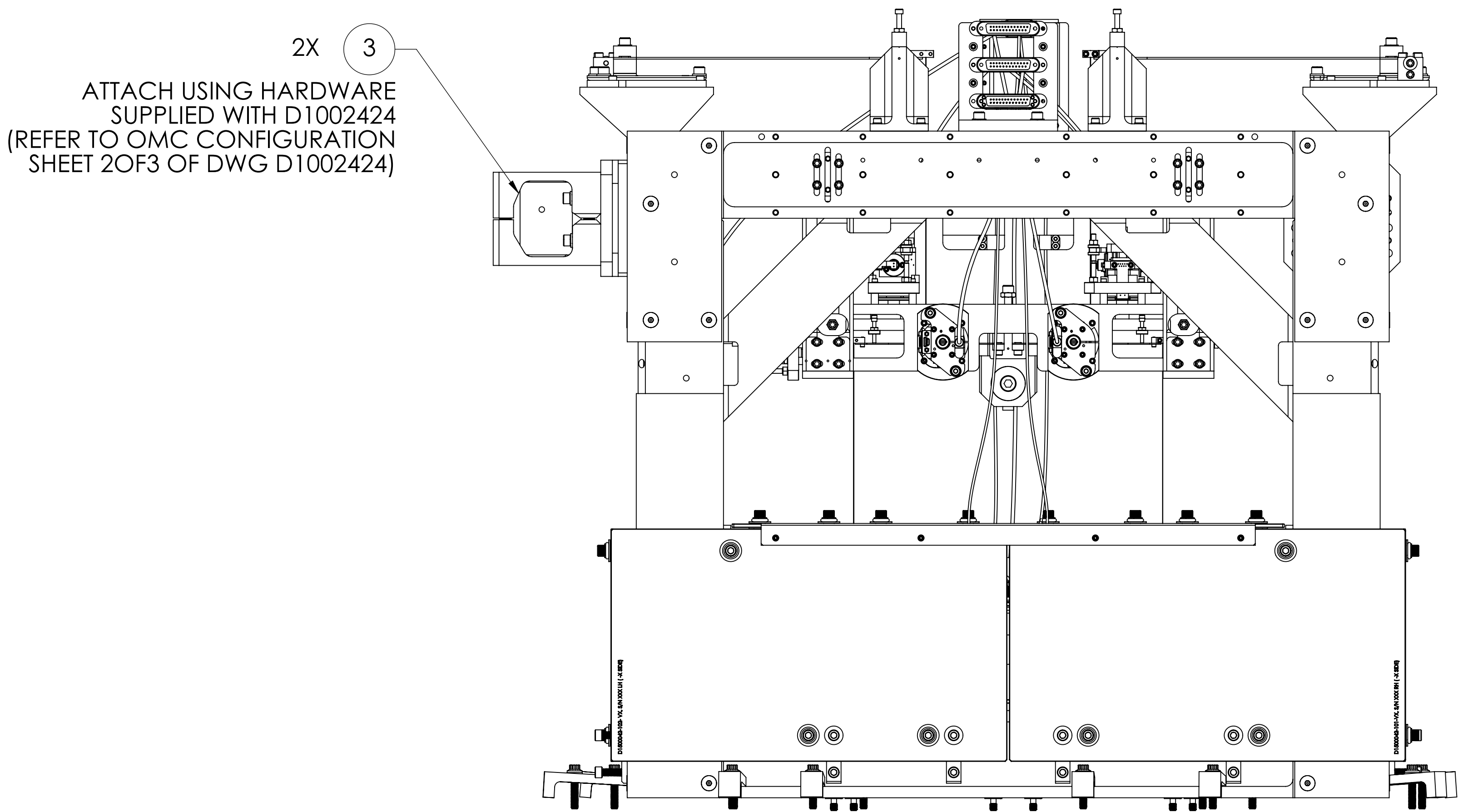
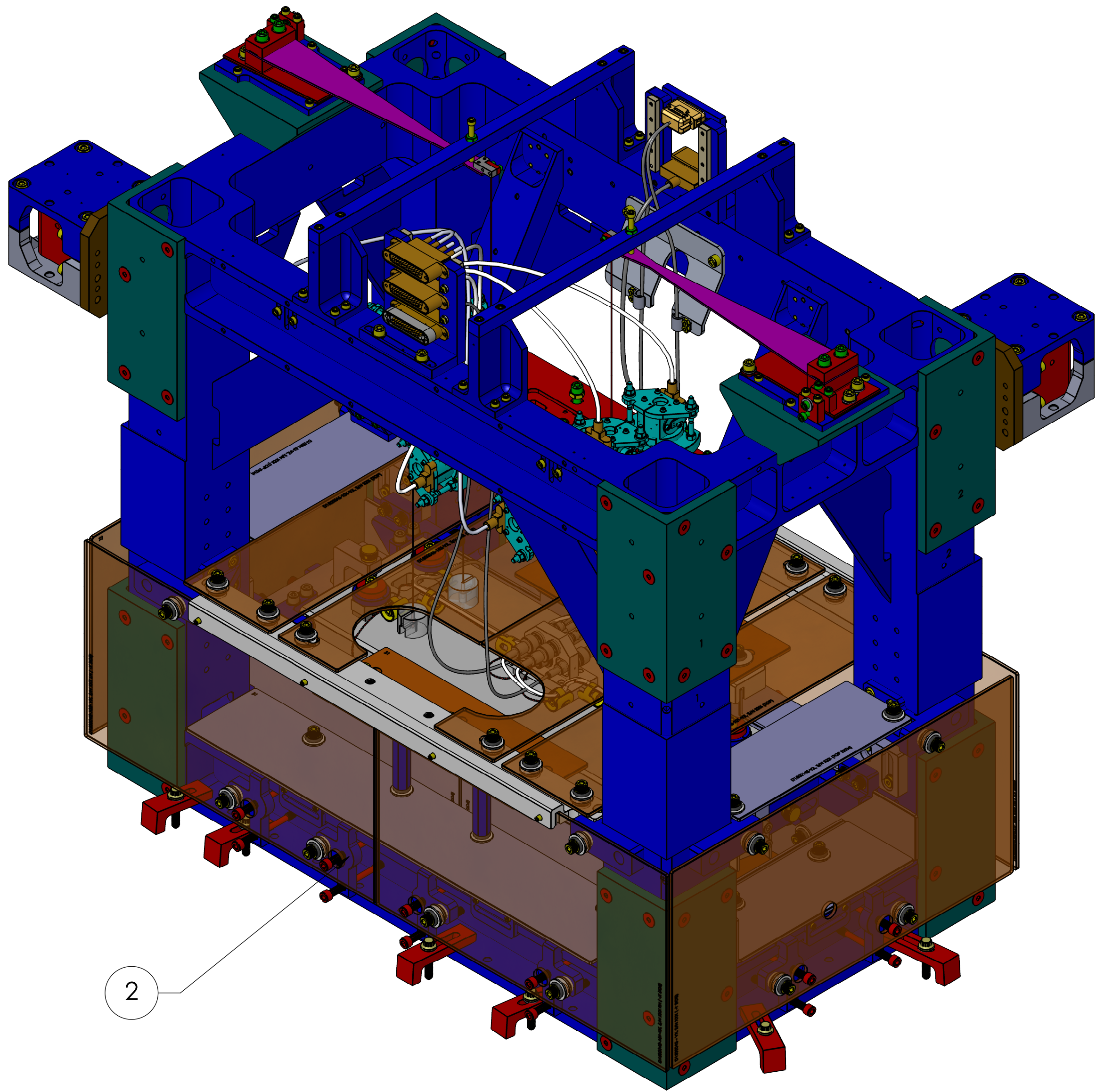


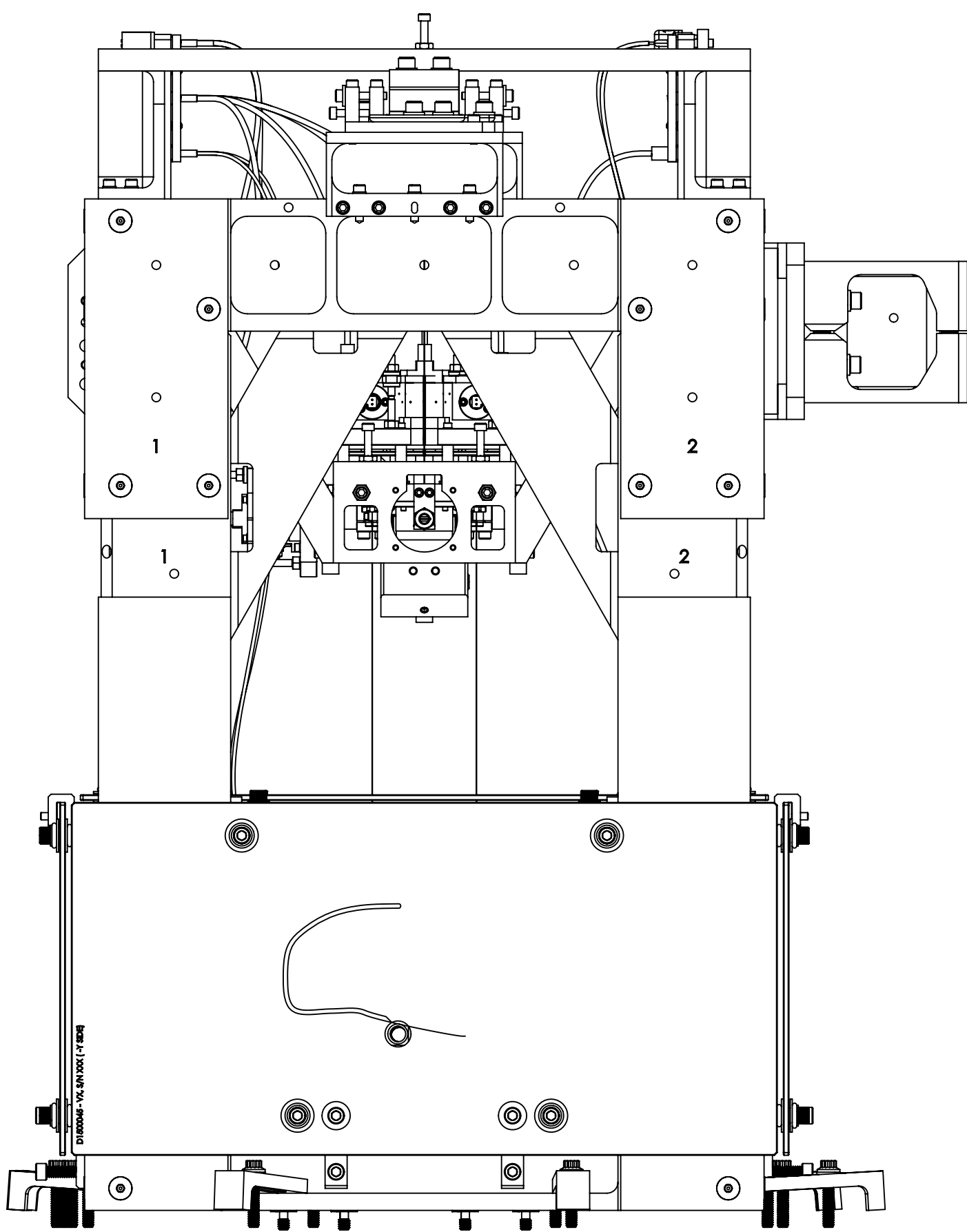
REV.	DATE	DCN #	DRAWING TREE #
v1	06 FEB 2013	-	-
v3	11 MAR 2014	E1400100-x0	-
v4	06 DEC 2021	E2100523-x0	-



TOP VIEW



FRONT VIEW

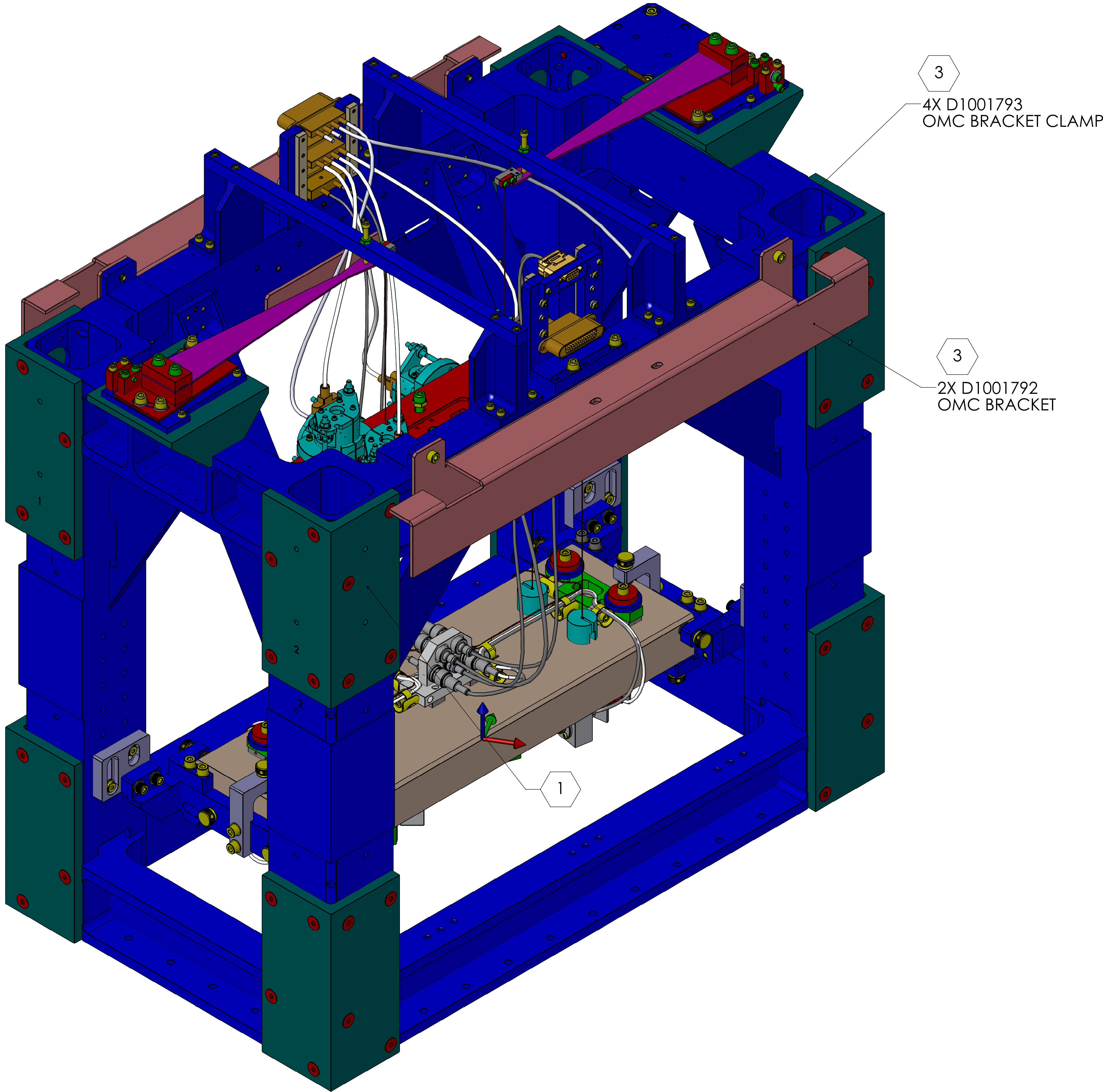


RIGHT VIEW

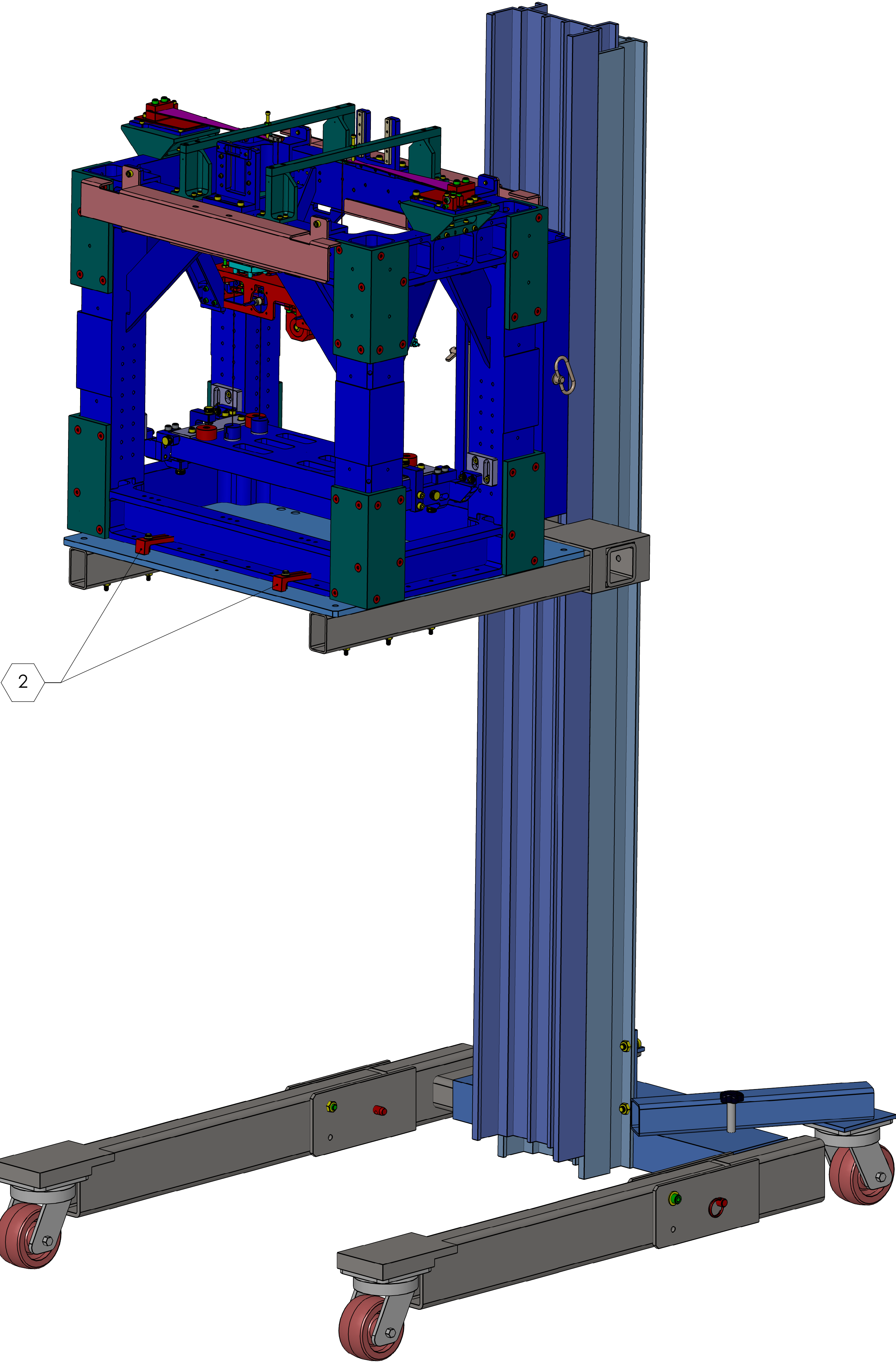
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ
7	D1100640-05	AdvLIGO HAM Optics Table Dog Clamp SOS Suspension .563M	304 SS TL	3
6	D1100640-04	AdvLIGO HAM Optics Table Dog Clamp SOS Suspension .563S	304 SS TL	7
5	D1100640-06	AdvLIGO HAM Optics Table Dog Clamp SOS Suspension .563S	304 SS TL	2
4	2AL1.25-12SL	1/4-20 X 1.25 12PT BOLT	450 SS TL	12
3	D1002424	VIBRATION ABSORBER ASSEMBLY	N/A	2
2	D0900295	OMCS OVERALL ASSY	N/A	1
1	D1100785-530	WASHER, FLAT, .25 X .530 O.D.	NITRONIC 60	12

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				PART NAME			
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				AdvLIGO SEI HAM6-L1, XYZ Local CS for Output Mode Cleaner			
DIMENSIONS ARE IN INCHES [MM]				D1300077			
TOLERANCES: .XX ± .25 .XXX ± .13 ANGULAR ± .5°				v4			
MATERIAL N/A				N/A μinch			
FINISH				PROJECTION:			

- 1 VIBRATION ABSORBER ON THE LONG SIDE OF THE STRUCTURE FRAME HAS BEEN REMOVED TO AVOID INTERFERENCE WITH LIFT BRACKET.
- 2 OMC STRUCTURE SHOULD BE LOCKED DOWN TO GENIE PLATE WHEN TRANSPORTING TO CHAMBER
- 3 INDICATED ITEMS ARE FOR TRANSPORTATION PURPOSES ONLY AND ARE NOT PART OF FINISHED ASSEMBLY. SEE PAGE 1 FOR REFERENCE.



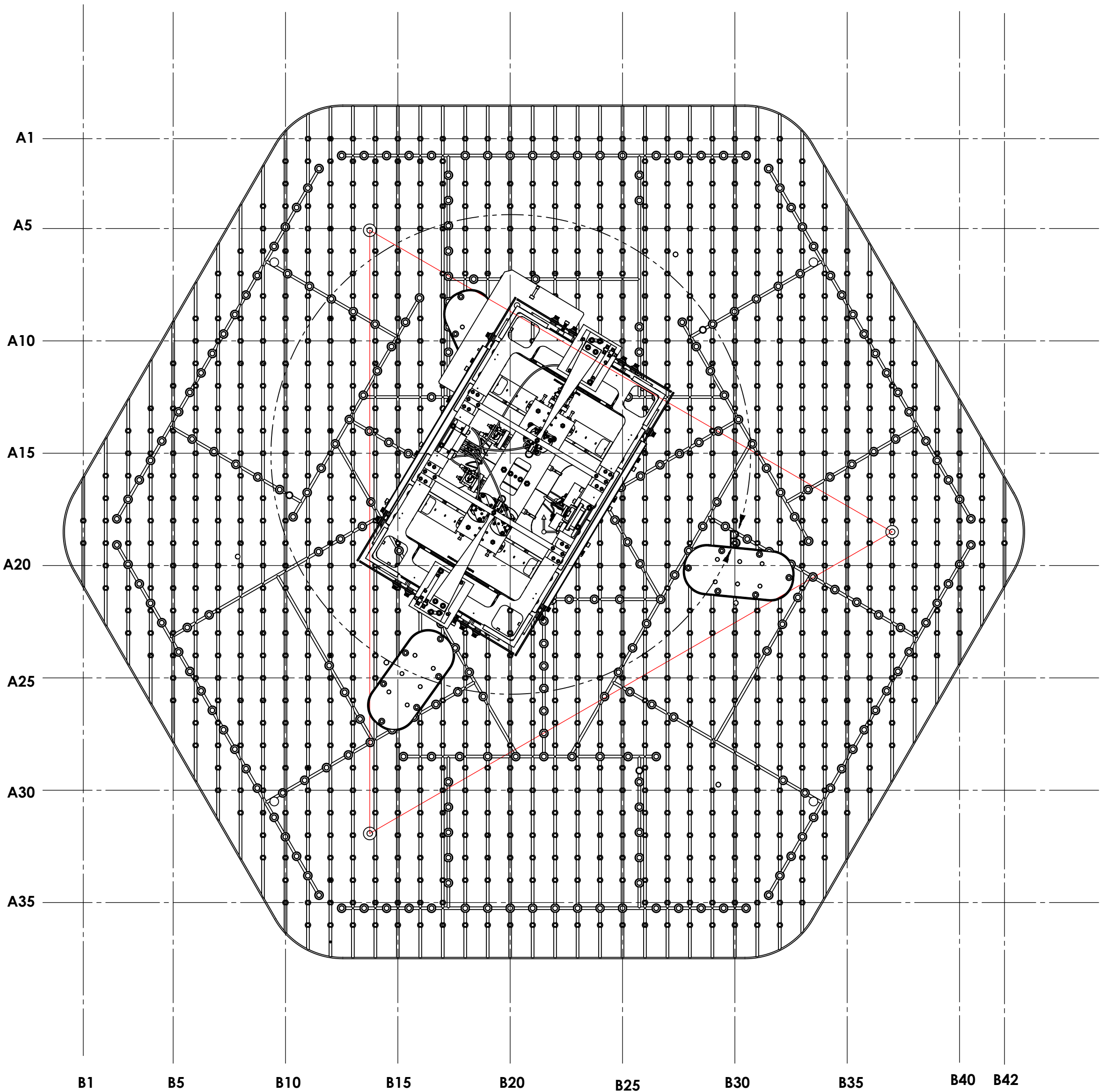
OUTPUT MODE CLEANER
TRANSPORT STATE



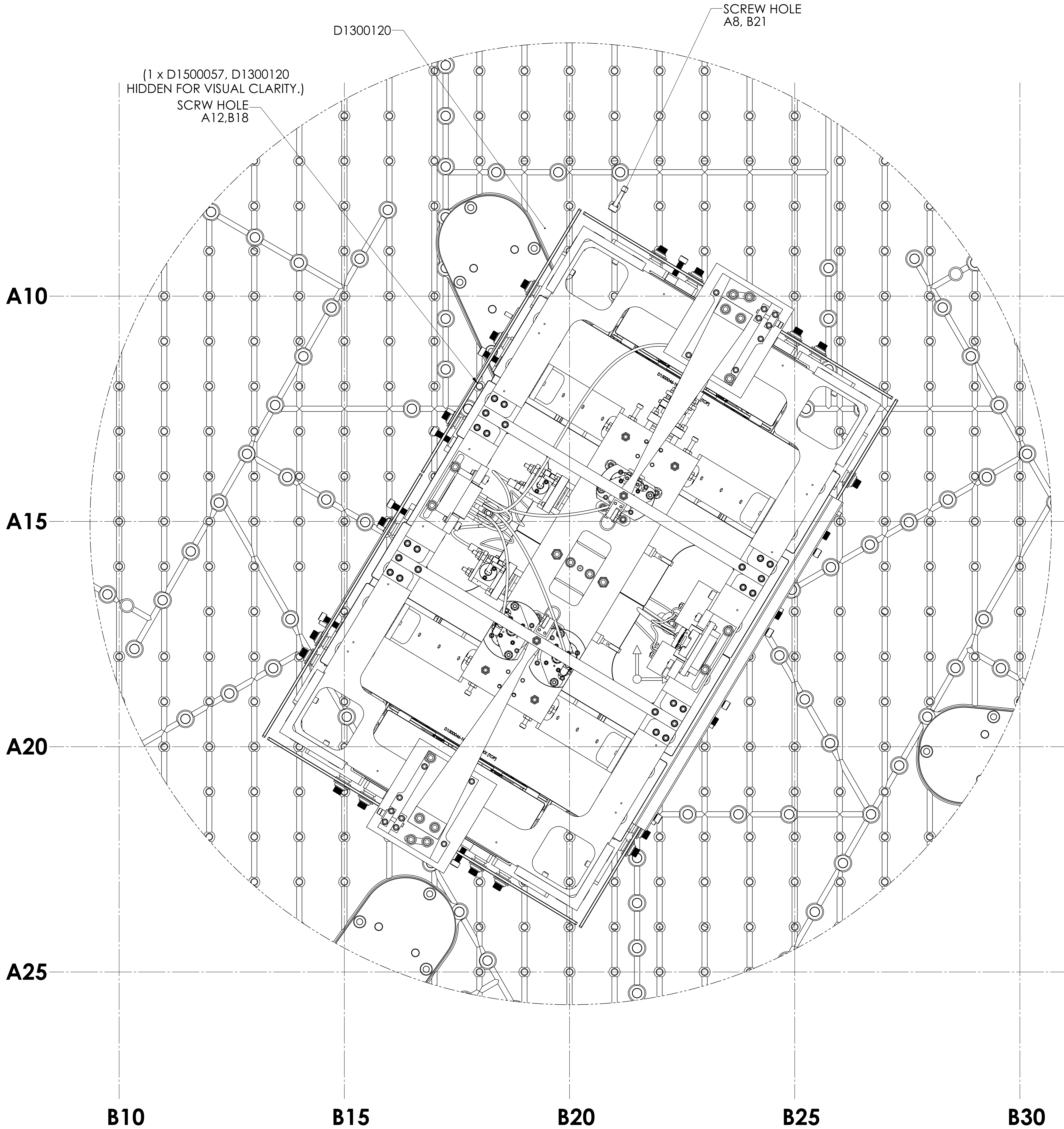
OMC WITH GENIE
READY FOR TRANSPORTING
TO CHAMBER
(SEE D1101674 FOR MORE)

OMC STRUCTURE TRANSPORT STATE

HAM5-L1



TOP VIEW

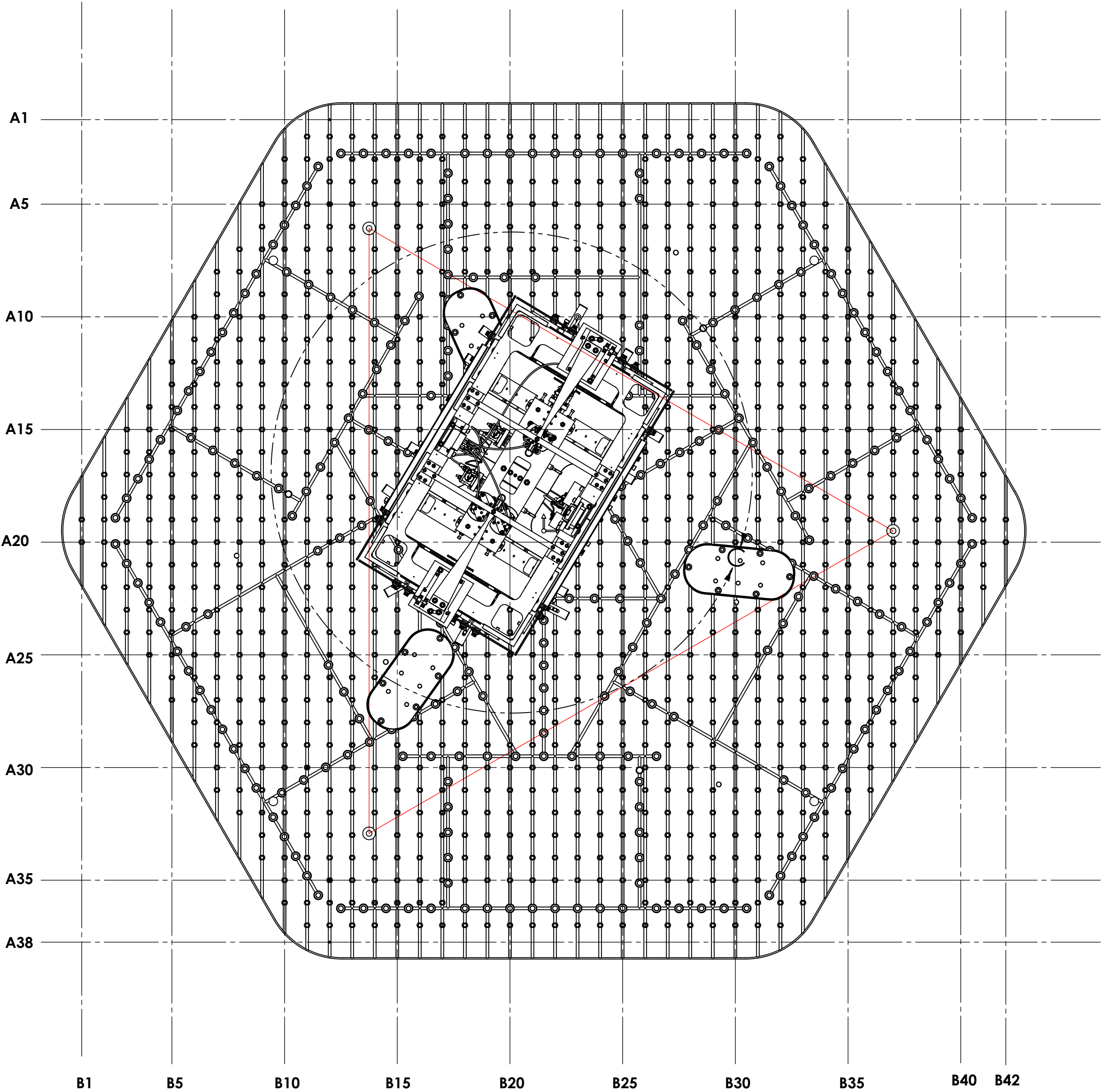


DETAIL B
SCALE 1 : 2

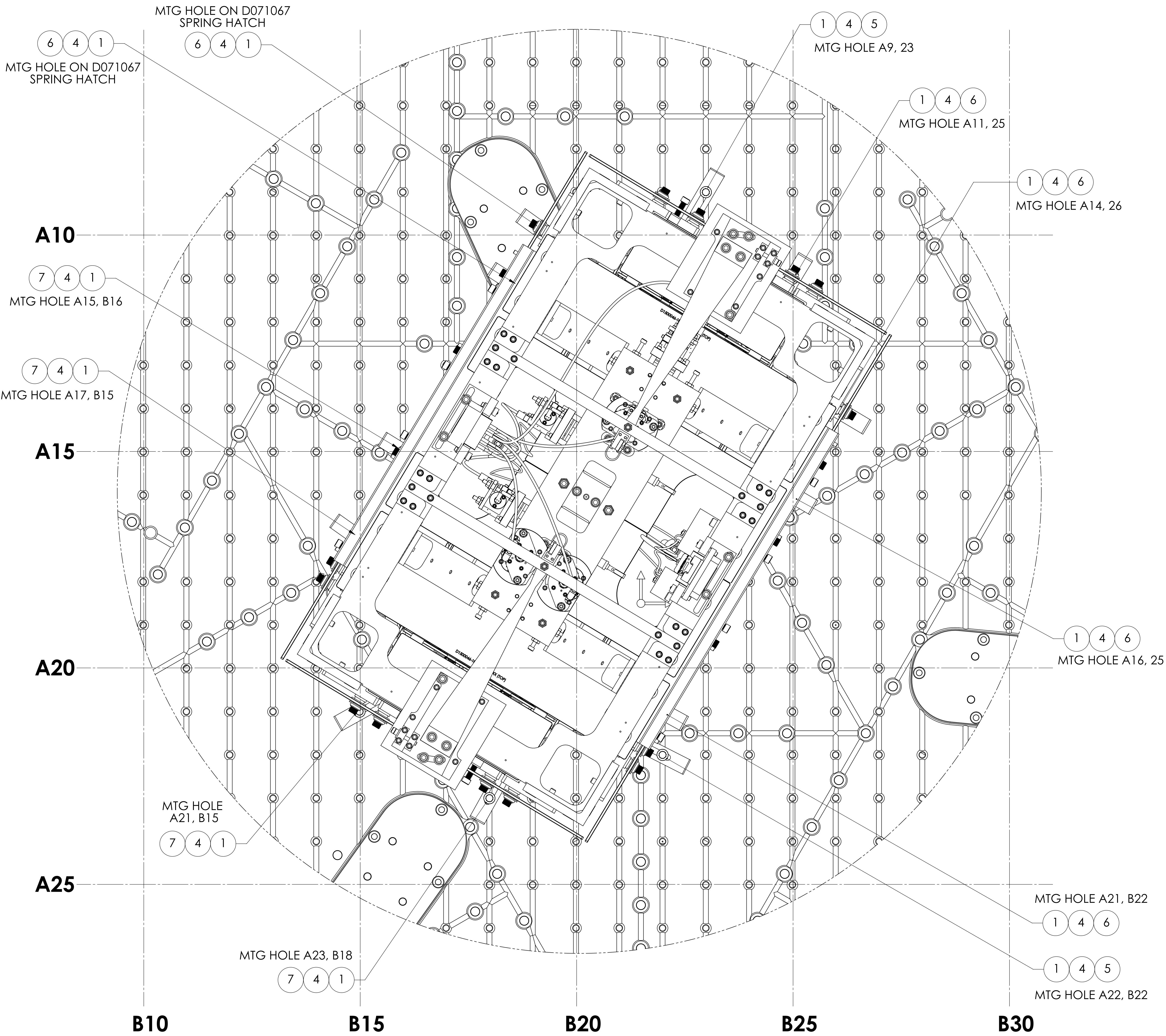
TOP VIEW SHOWING INSTALLATION PLATE LOCATION.
OPTICAL TABLE SHOWN FOR STRUCTURE LOCATION AND ORIENTATION ONLY
(DOG CLAMPS, VIBRATION ABSORBERS & HARDWARE REMOVED FOR CLARITY)

OMC STRUCTURE ALIGNMENT PLATE

HAM5-L1



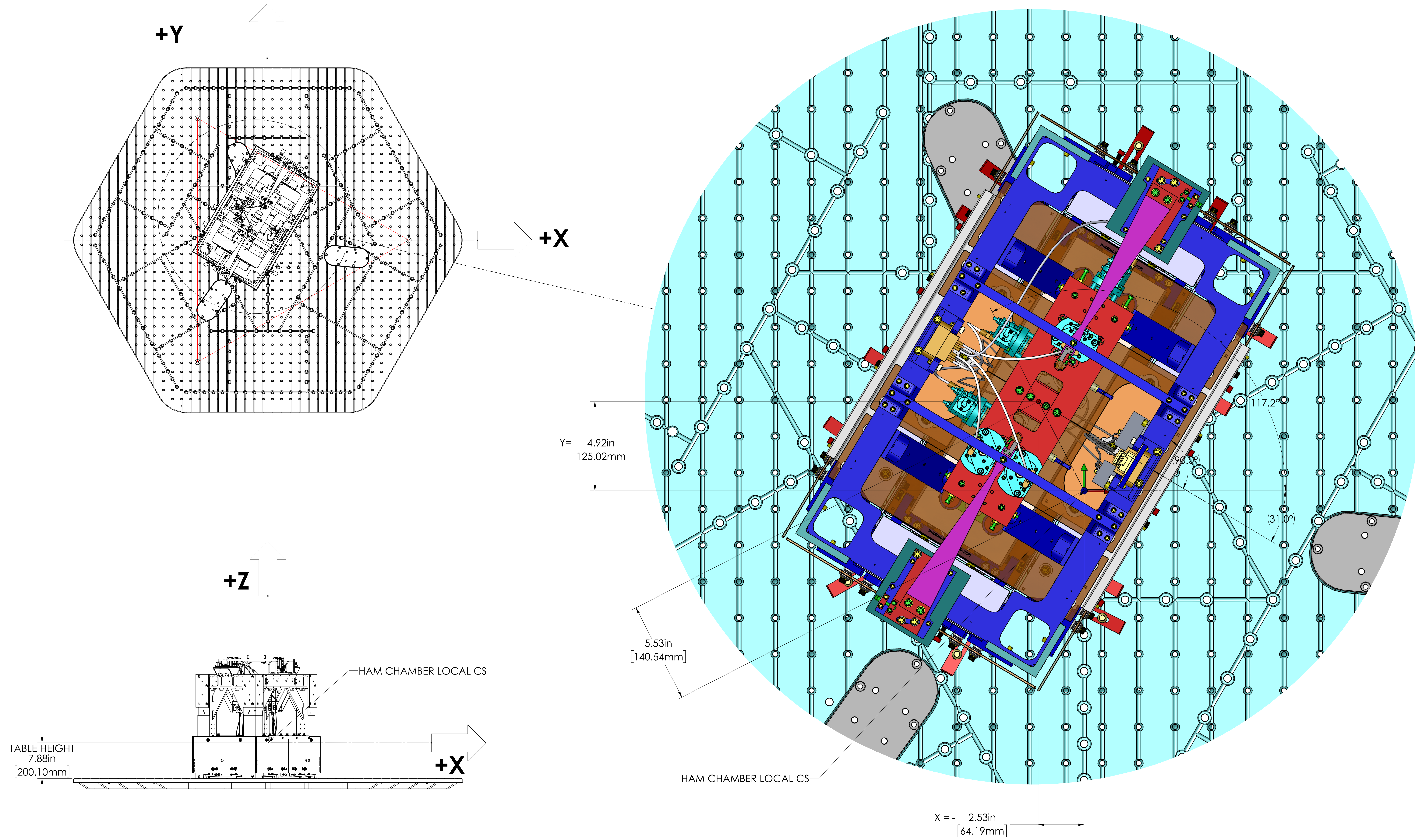
TOP VIEW



DETAIL C
SCALE 1 : 2

TOP VIEW SHOWING DOG CLAMPS INSTALLATION & LOCATION
OPTICAL TABLE SHOWN FOR STRUCTURE LOCATION AND ORIENTATION,
(VIBRATION ABSORBERS REMOVED FOR CLARITY)

OMC STRUCTURE DOG CLAMP INSTALLATION



OMC STRUCTURE LOCAL COORDINATES DEFINITION