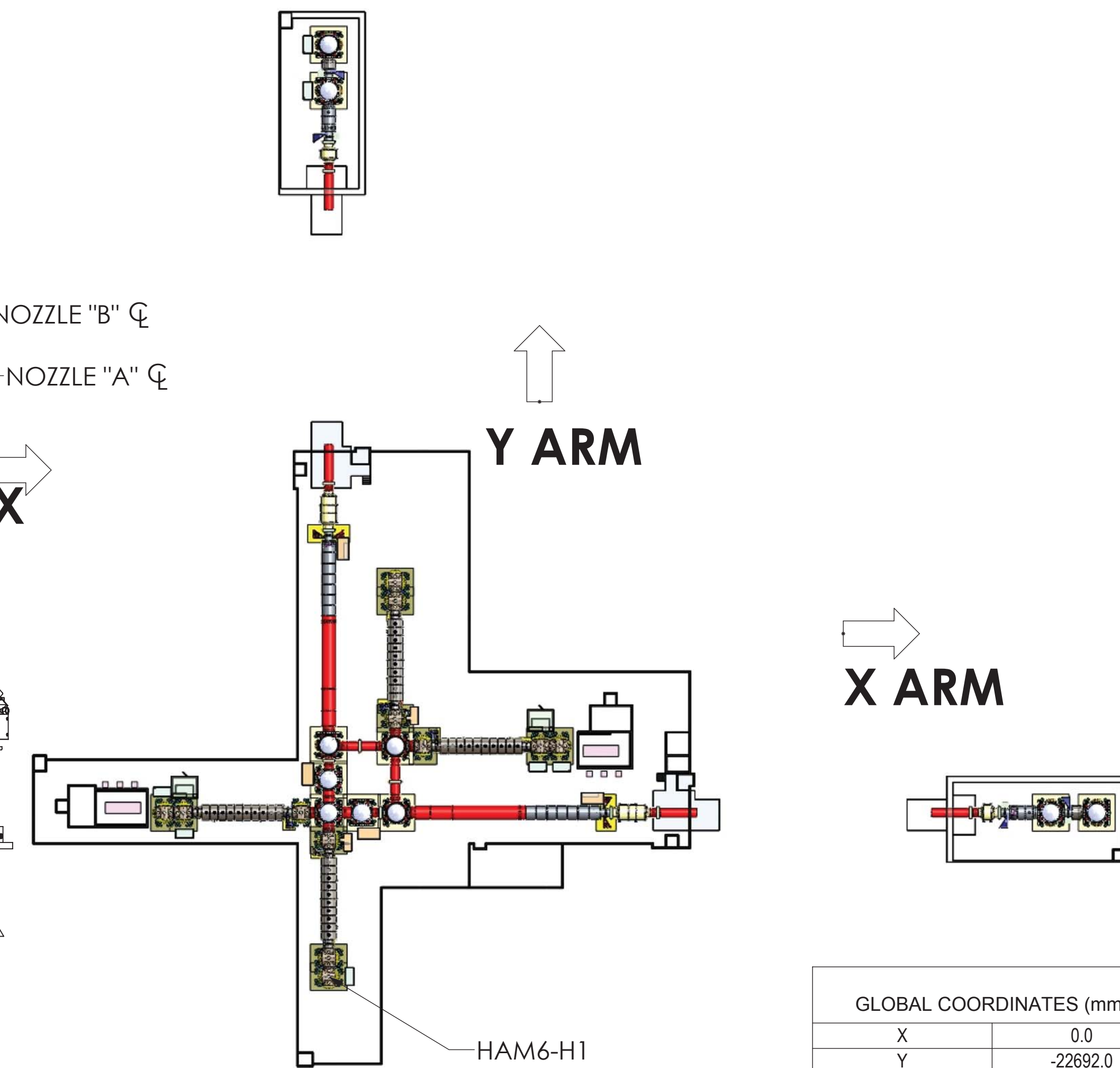
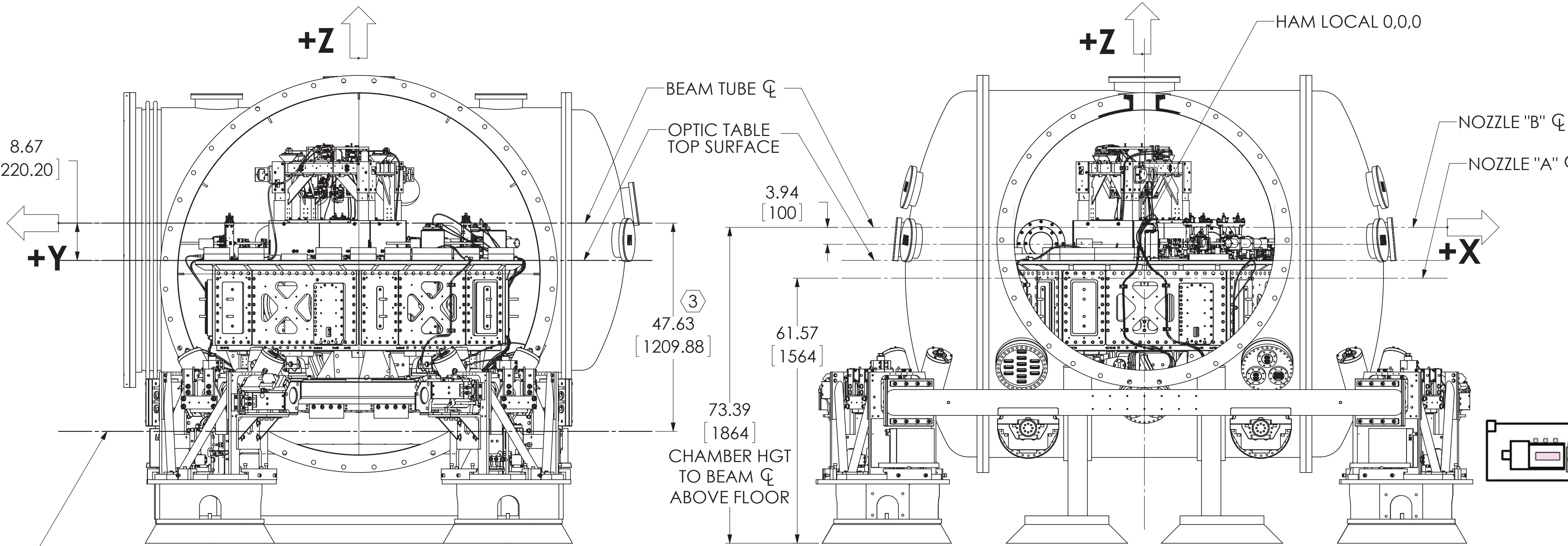
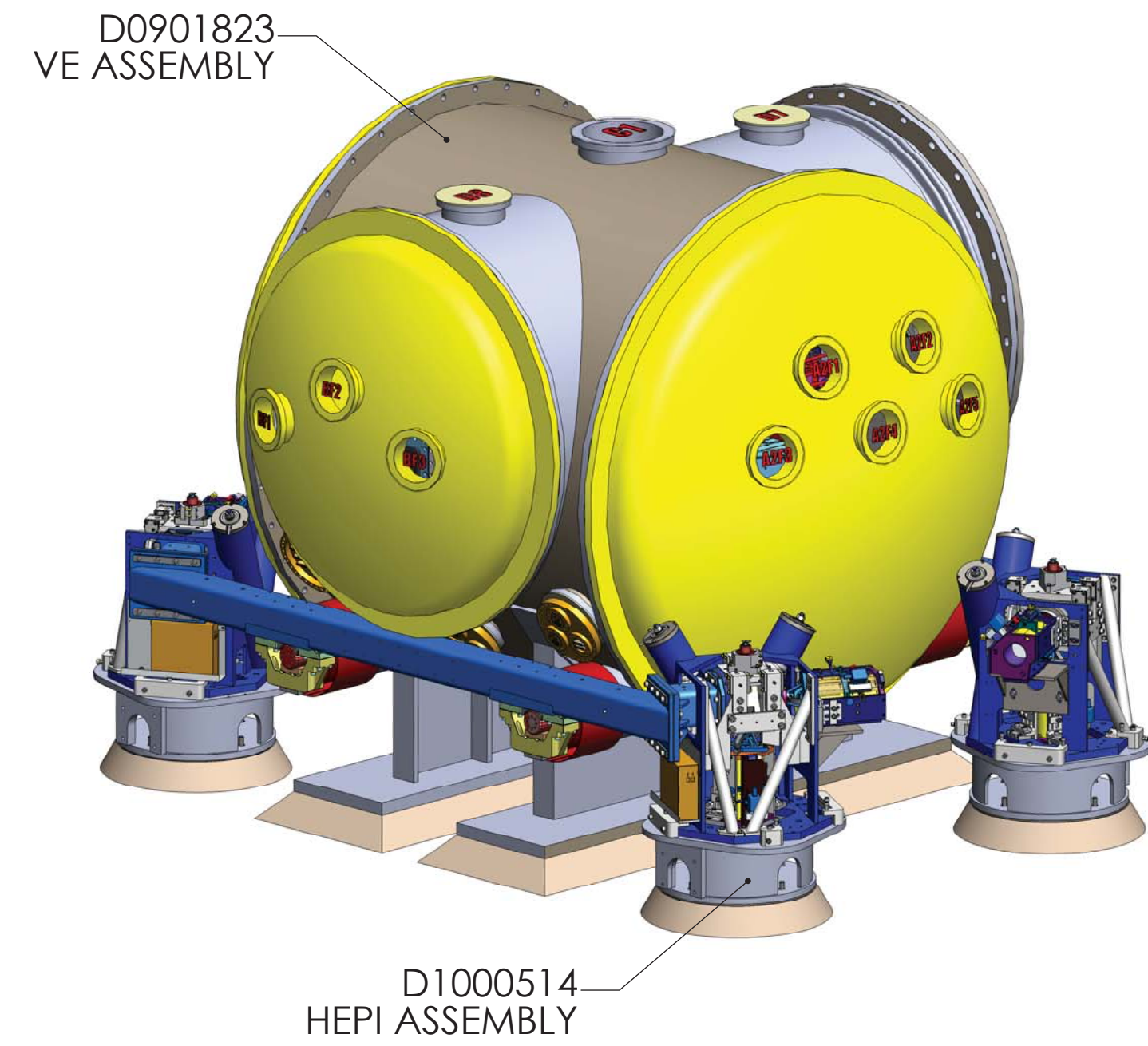
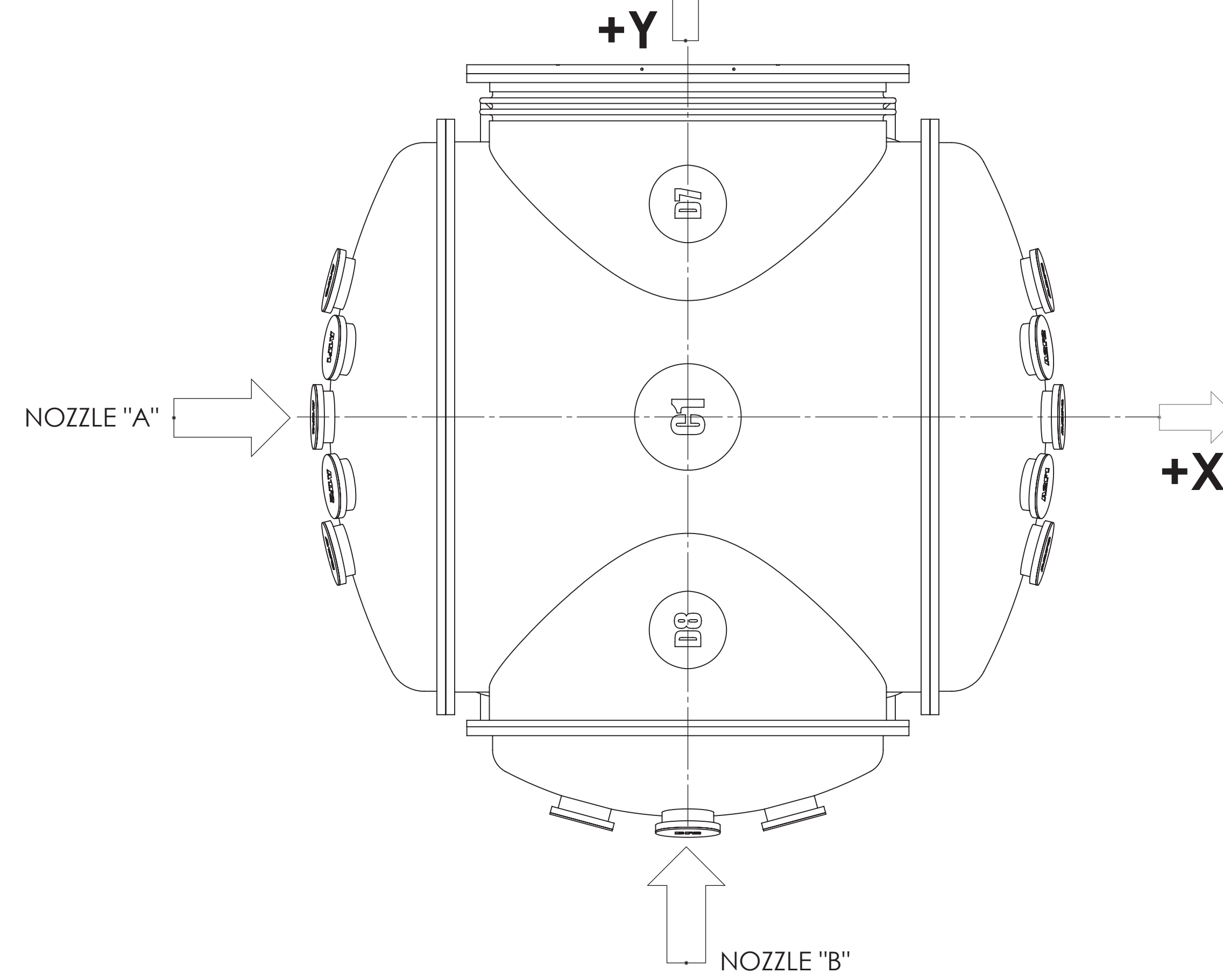


1. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION.
2. REFER TO T1100292 FOR VIEWPORT DEFINITION.
3. DIMENSION WRT TO LOCAL BUILDING CS. REFER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBE ENDS.

REV.	DATE	DCN #	DRAWING TREE #
v3	19 OCT 2012		
v8	11 JUN 2015		
v9	13 JUL 2015	E1500262-x0	



GLOBAL COORDINATES (mm)	
X	0.0
Y	-22692.0
Z	0.0

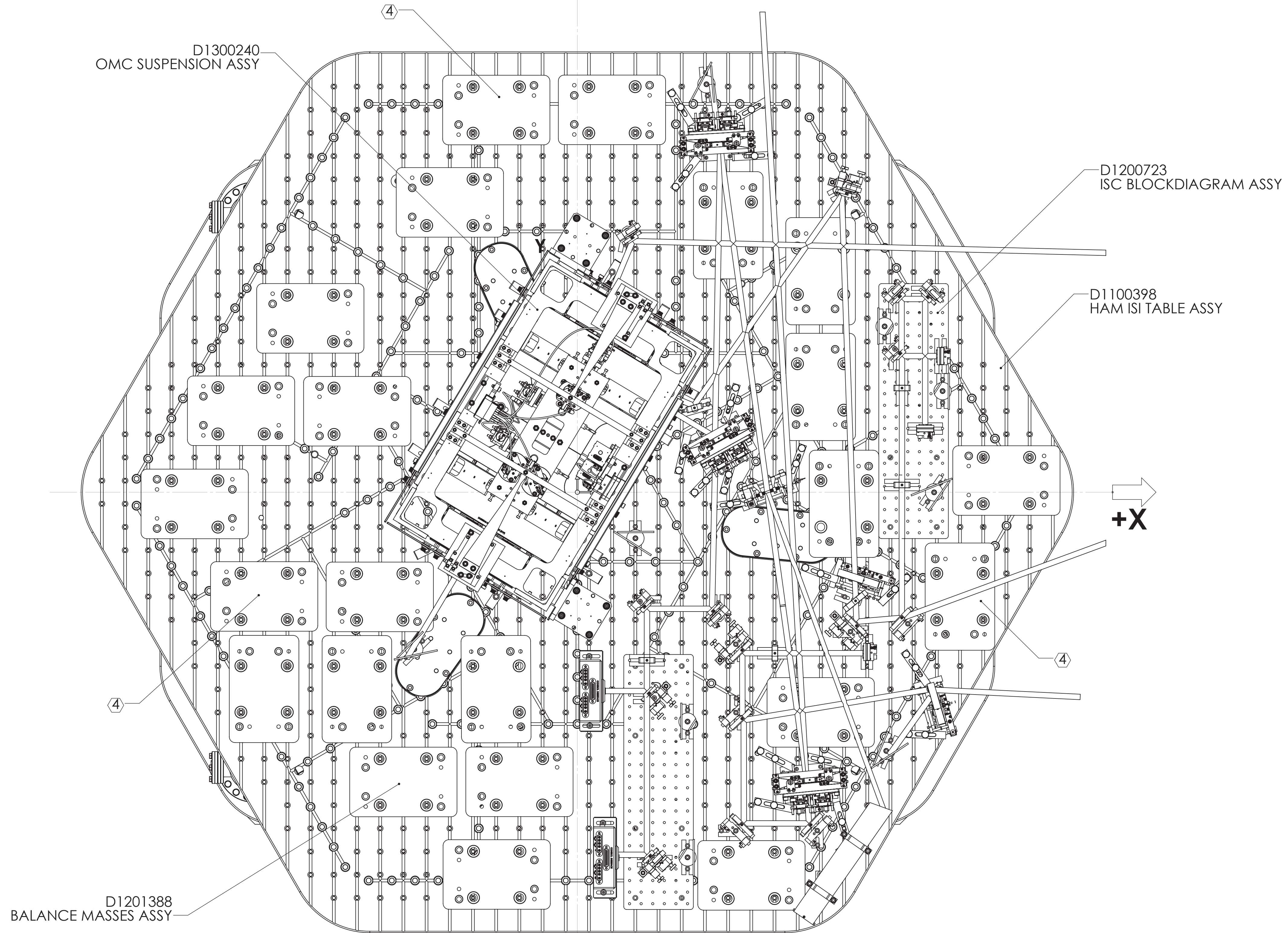


NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		
DIMENSIONS ARE IN INCHES		
MATERIAL	--	
FINISH	-- μ inch	

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM ADVANCED LIGO		SUB-SYSTEM SUS	
DESIGNER	ED CHAVEZ	DATE	19 OCT 2012
DRAFTER		SIZE	D
CHECKER		DWG. NO.	D0901822
APPROVAL		REV.	v9
SCALE: 1:16		PROJECTION:	SHEET 1 OF 4

D0901822 AdvLIGO Systems, HAM6-H1 Top Level Chamber Assembly, PART FDM REV. X-049, DRAWING FDM REV. X-011

④ UPPER 10Kg MASS ON INDICATED STACKS
 SITTING ON VITON PADS (1/2" X 1/2" X 3/32")
 FOR VIBRATION ABSORPTION.



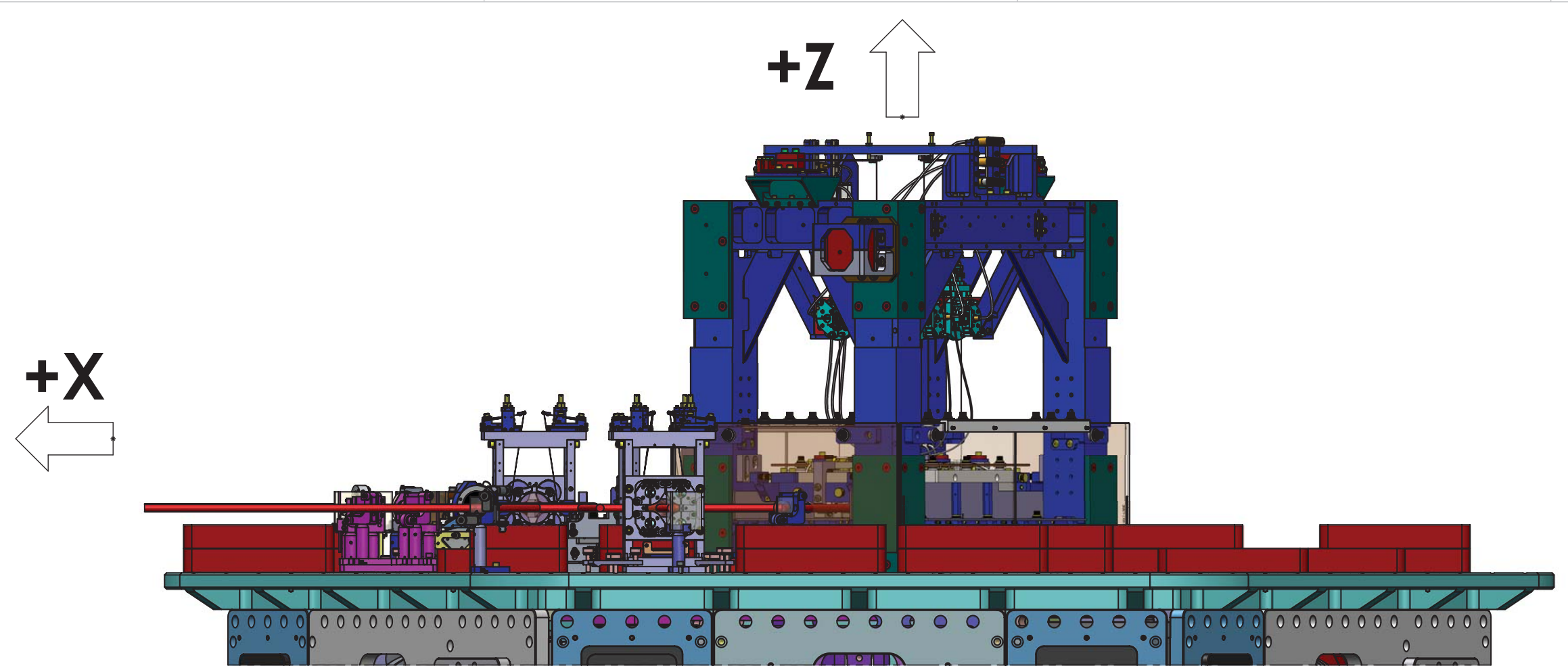
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
7	D1300122	Cable Harness Routing Configuration - HAM6	1
6	D1300240	AdvLIGO SUS HAM6-H1, XYZ Local CS for Output Mode Cleaner Suspension (OMC)	1
5	D1201388	AdvLIGO HAM6-H1 ISI Table, Payload & Suspended Mass Assembly	1
4	D1200723	AdvLIGO SEI HAM6-H1, XYZ Local CS for ISC BlockDiagram	1
3	D1000514	HEPI ASSEMBLY, HAM, aLIGO SEI	1
2	D1100398	AdvLIGO SEI HAM6-H1, XYZ Local CS for ISO Table	1
1	D0901823	AdvLIGO VE HAM6-H1, Vacuum Equipment Assembly	1

PARTS LIST

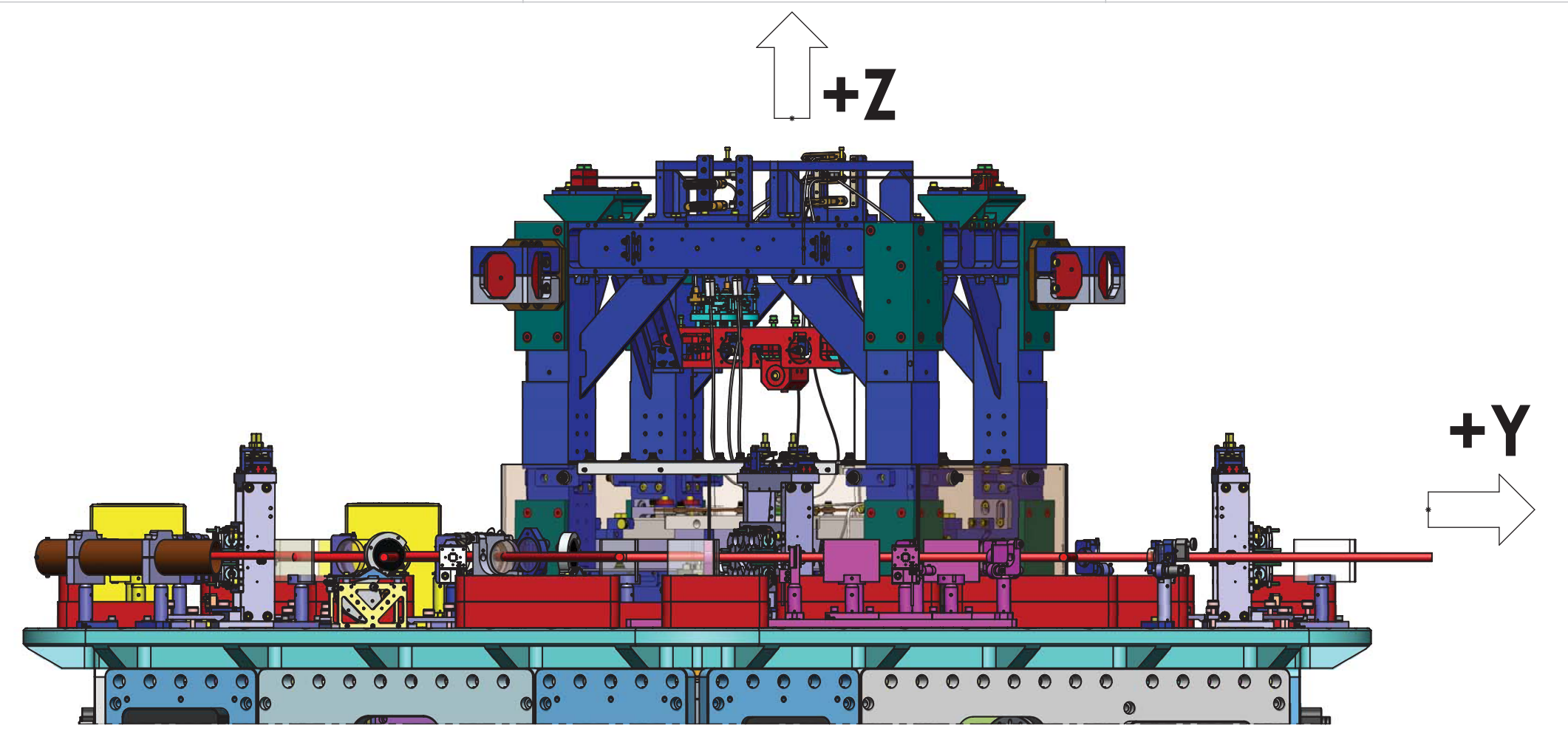
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
D	D0901822	v9
SCALE: 1:5	PROJECTION:	SHEET 2 OF 4

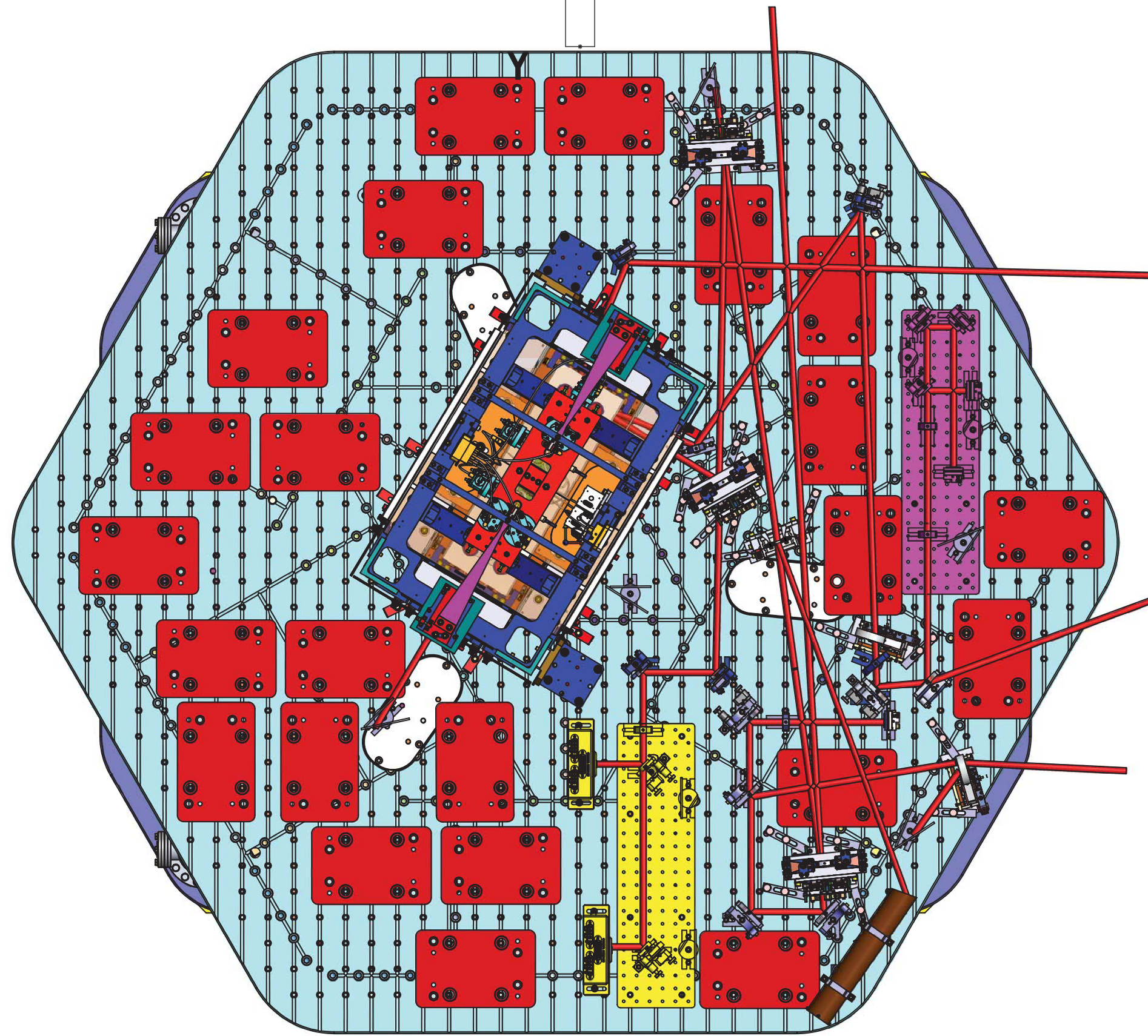
DD0901823 AdvLIGO Systems: HAM6-H1 Top Level Chamber Assembly, PART FDM REV: X-049, DRAWING FDM REV: X-011



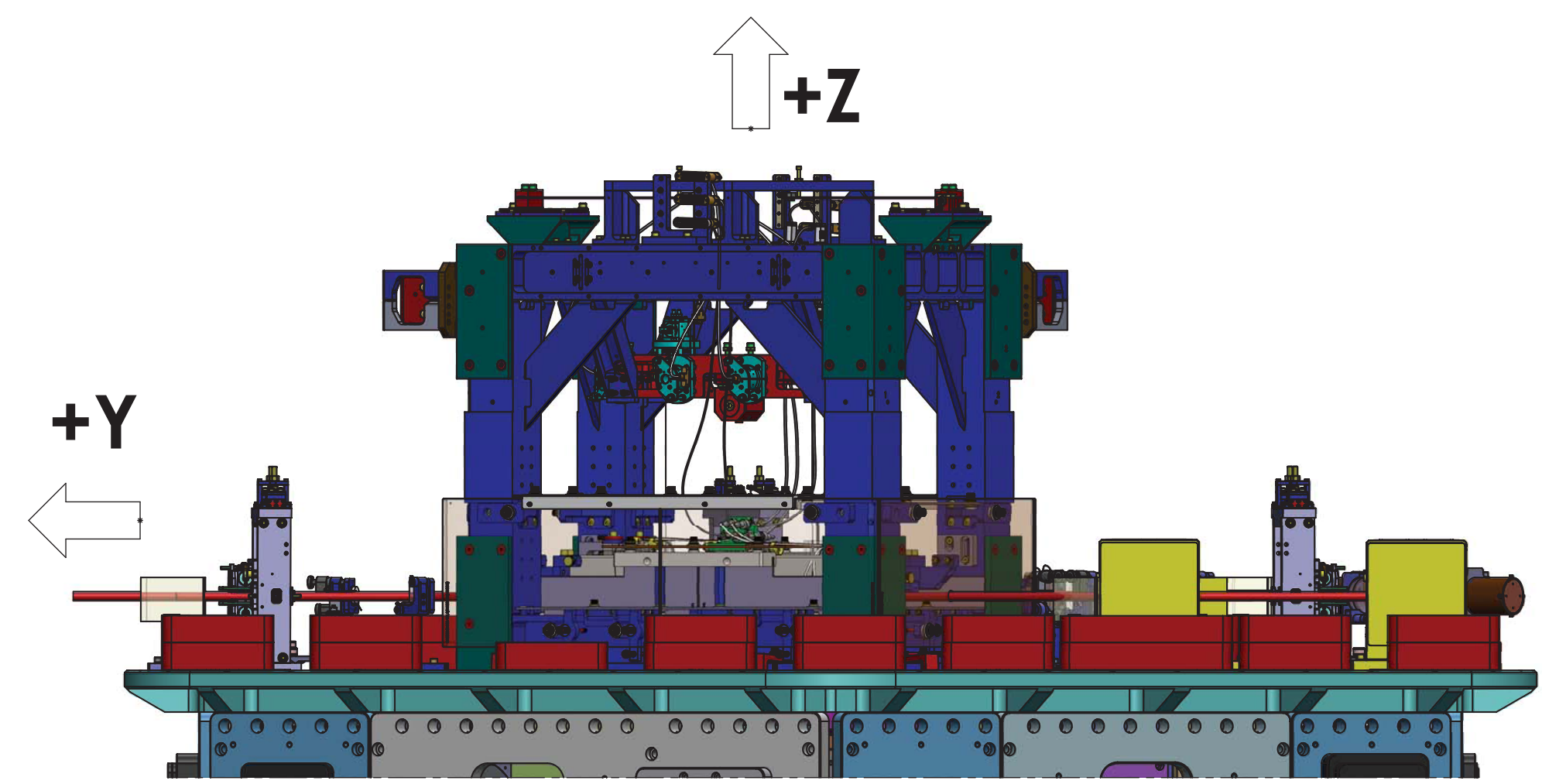
REAR VIEW
(ROTATED 180 DEGREES CCW)



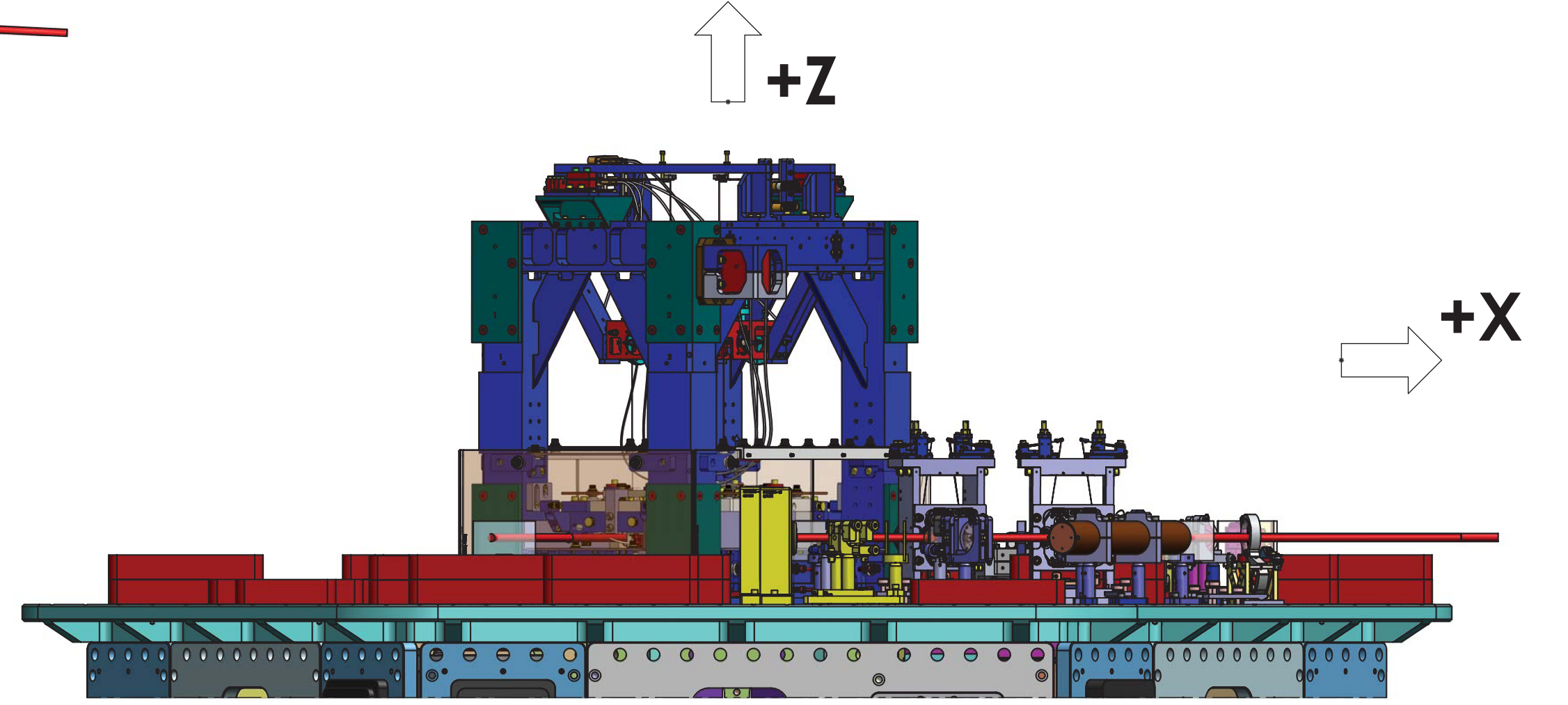
RIGHT SIDE VIEW
(ROTATED 180 DEGREES CCW)



TOP VIEW



LEFT SIDE VIEW
(ROTATED 90 DEGREES CCW)

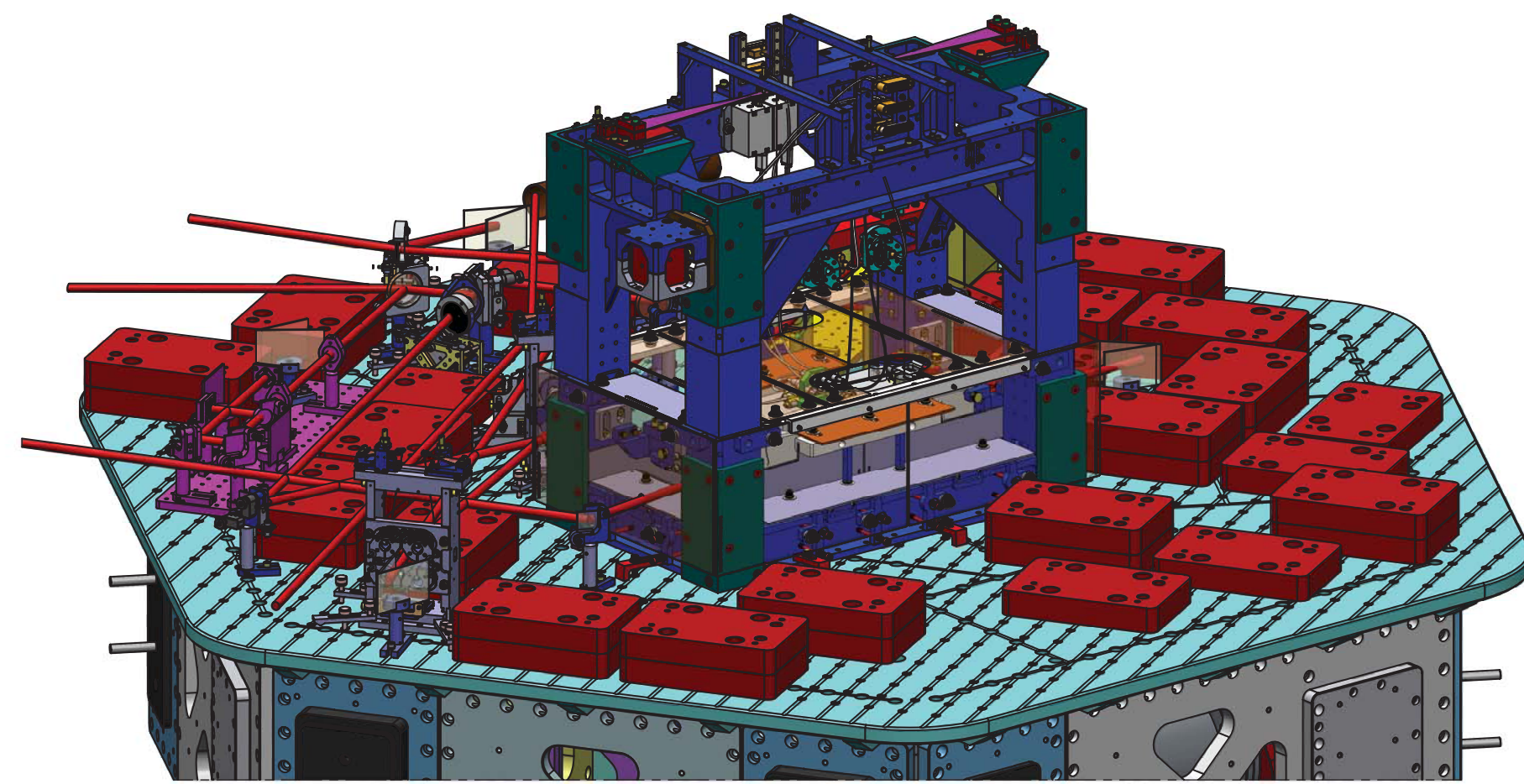


FRONT VIEW

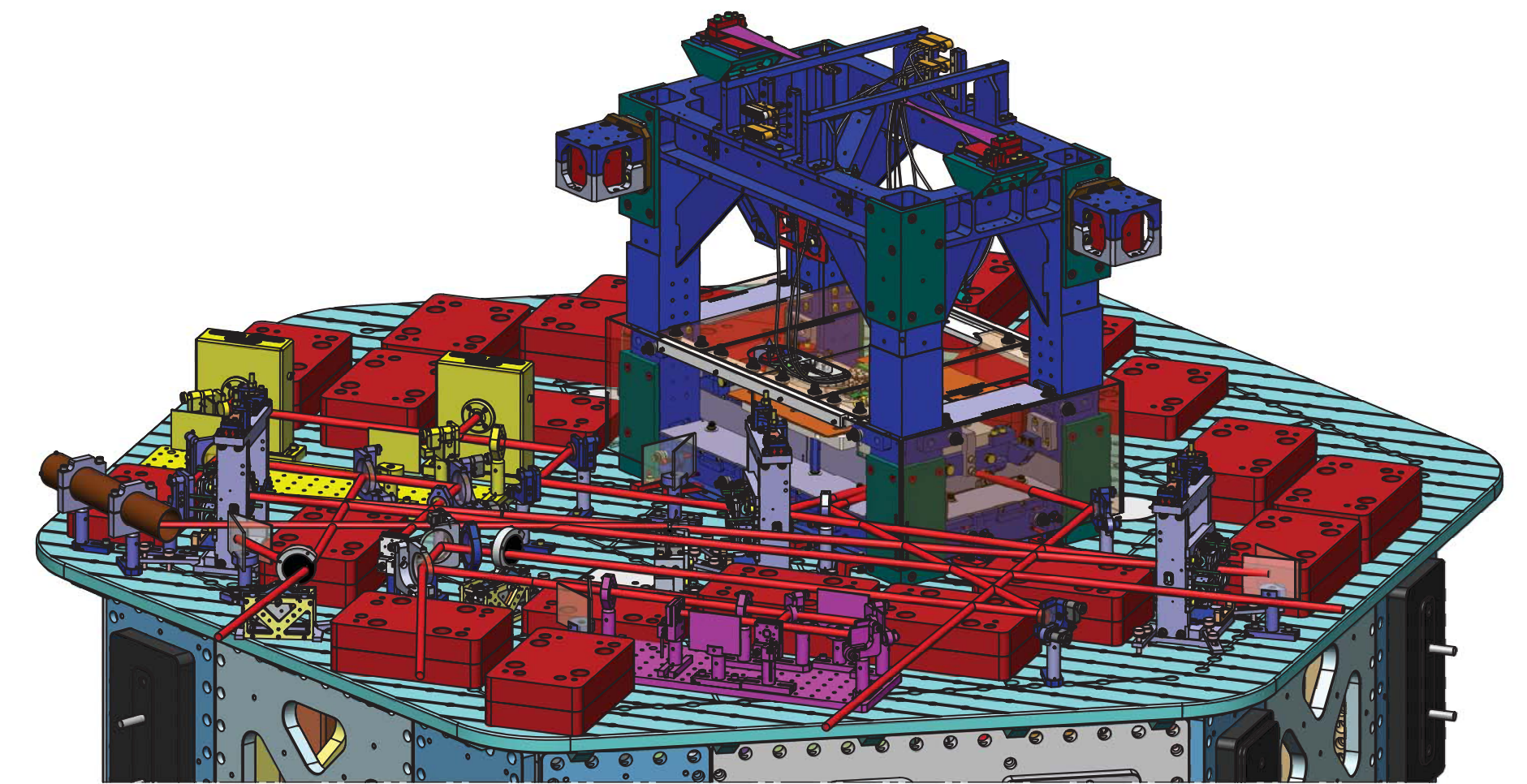
LASER BEAMS - ORTHO VIEWS

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D0901822	v9
SCALE: 1:8	PROJECTION:
SHEET 3 OF 4	

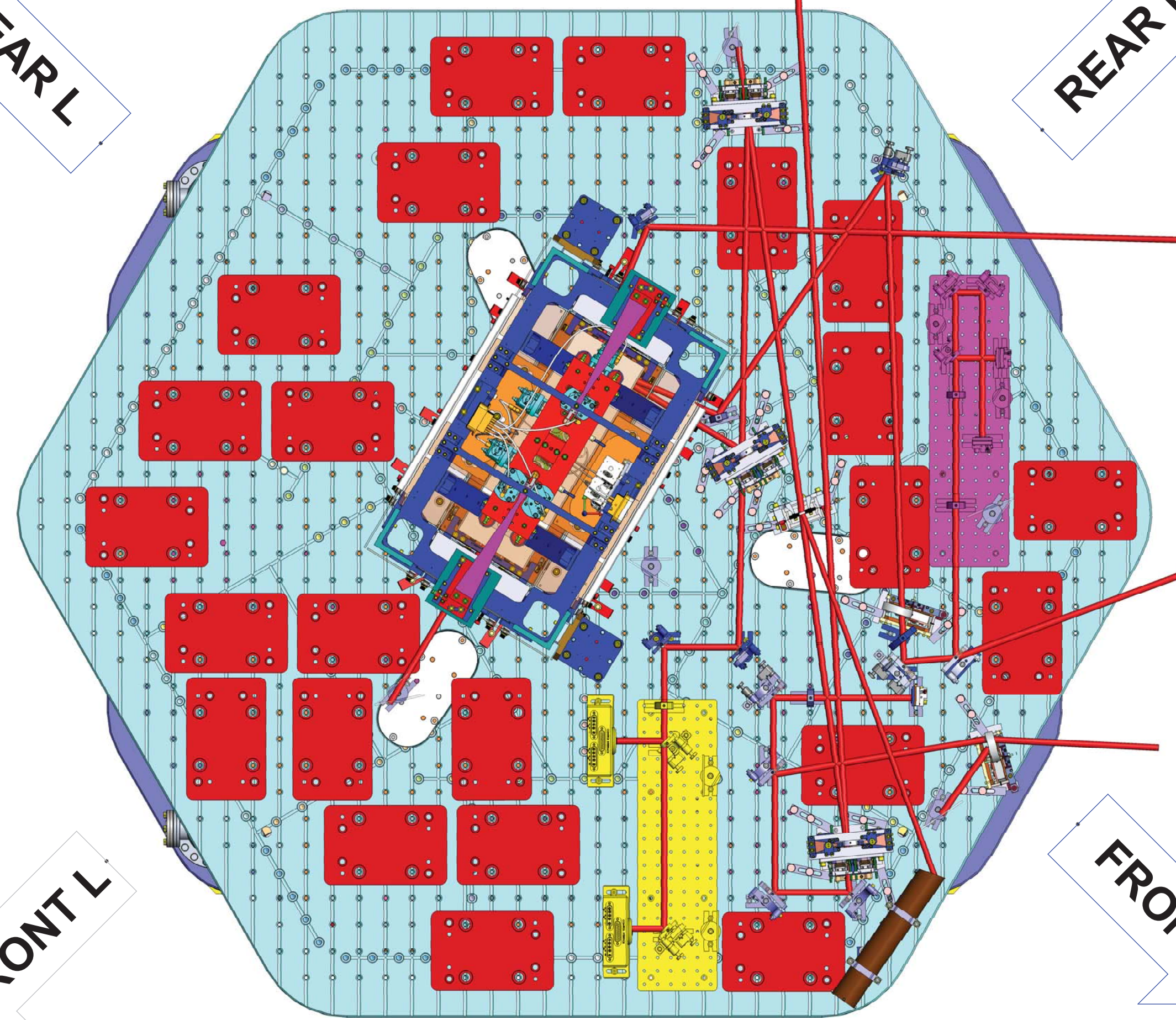
D0901822.Ask/LCO Systems: HAM5-H1 Top Level Chamber Assembly: PART FDM REV: X-049: DRAWING FDM REV: X-011



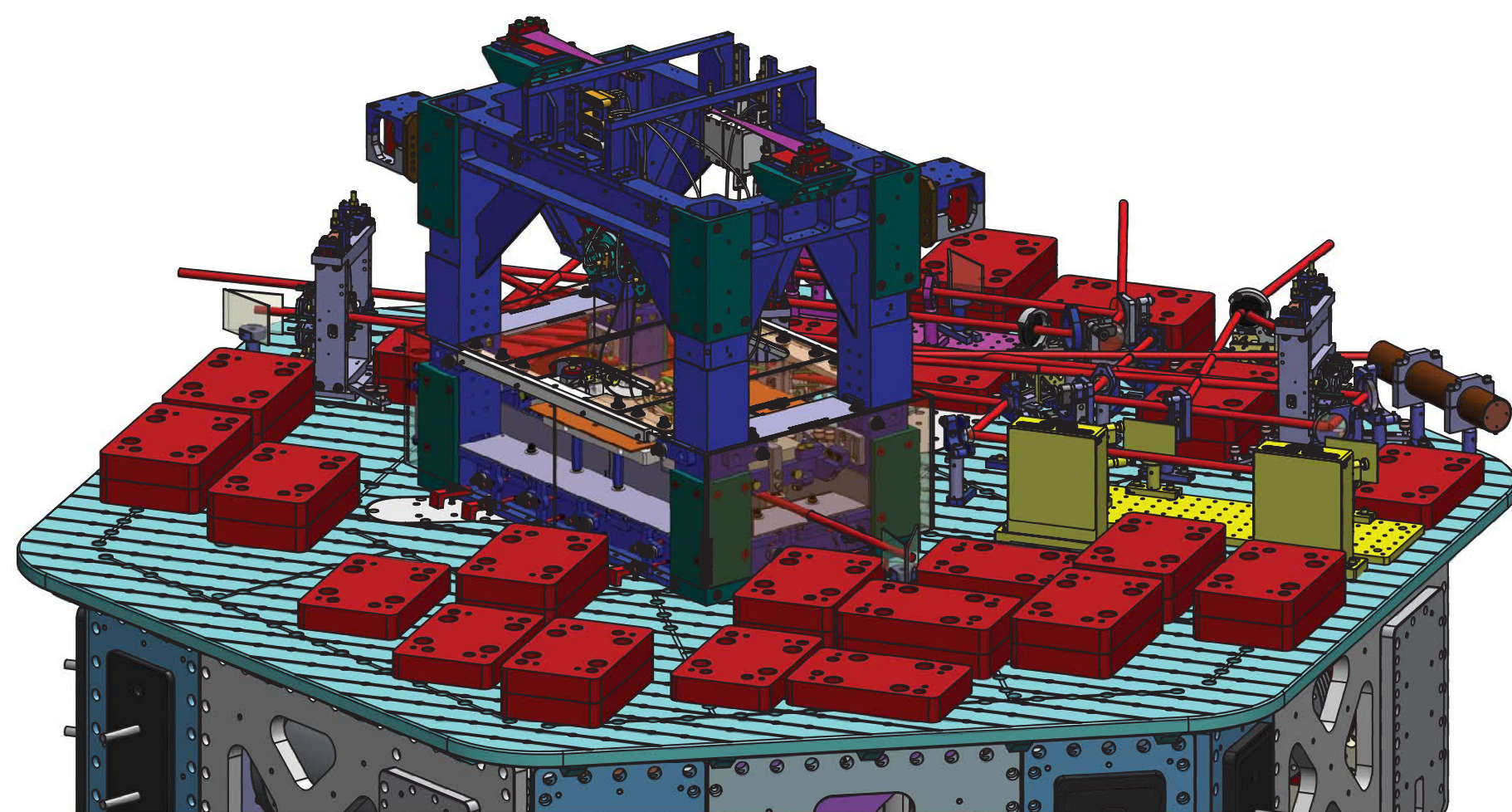
ISO VIEW, REAR LEFT



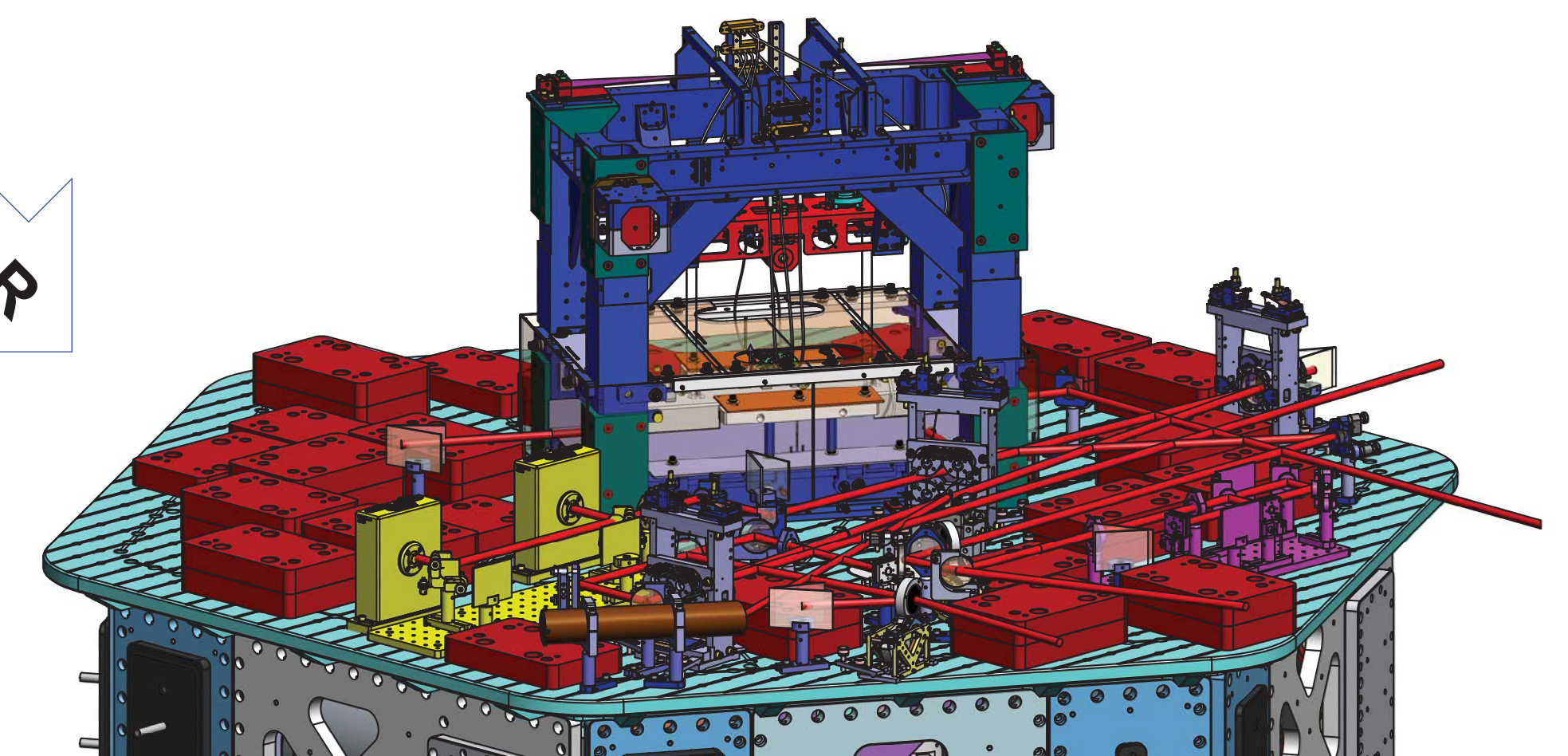
ISO VIEW, REAR RIGHT



TOP VIEW



ISO VIEW, FRONT LEFT



ISO VIEW, FRONT RIGHT

LASER BEAMS - ISO VIEWS

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE DWG. NO.	D0901822	v9
SCALE: 1:8	PROJECTION:	SHEET 4 OF 4

D0901822.A01/LIGO Systems: HAM5-H1 Top Level Chamber Assembly: PART FDM REV: X-04P_DRAWING FDM REV: X-011