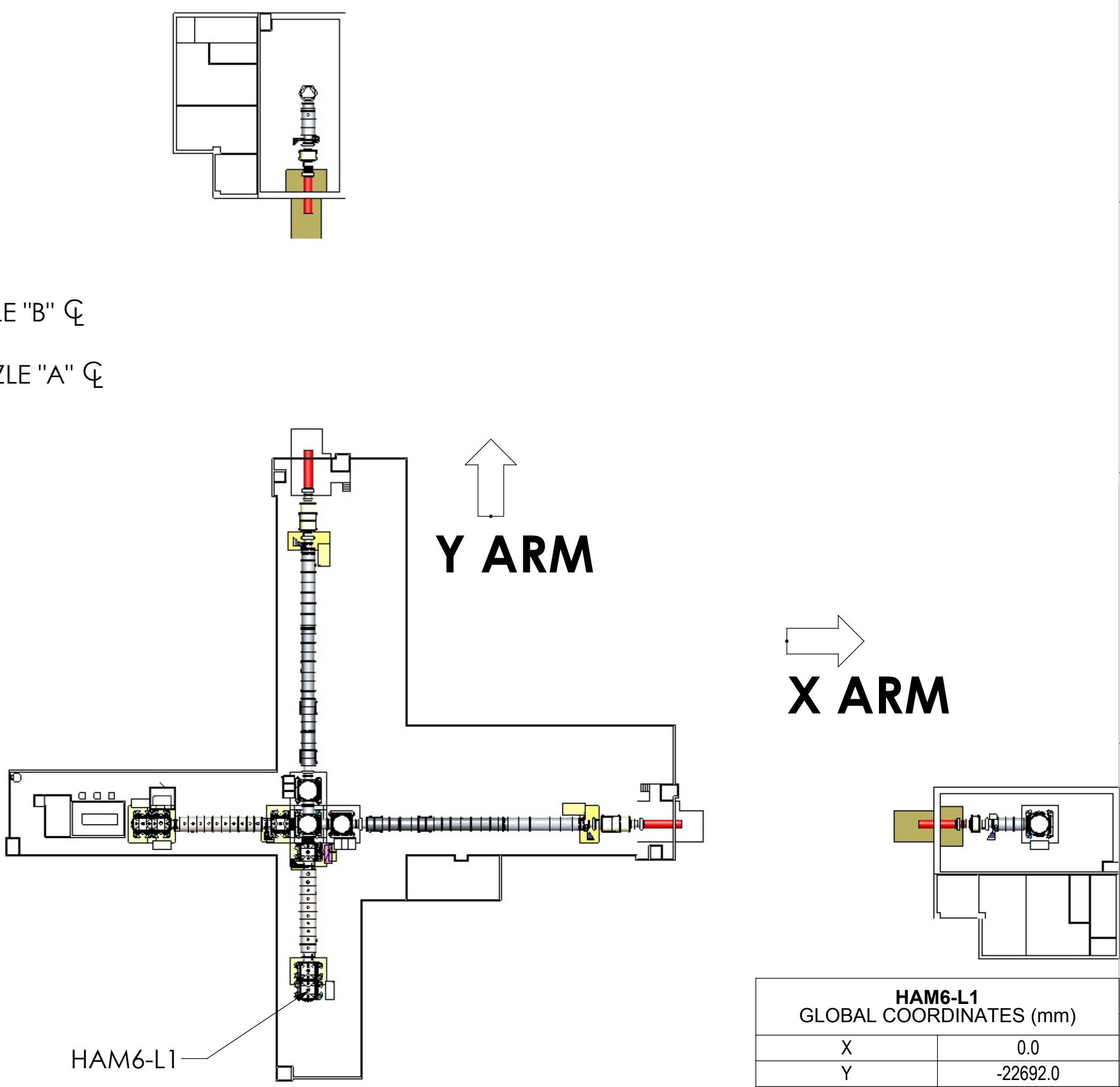
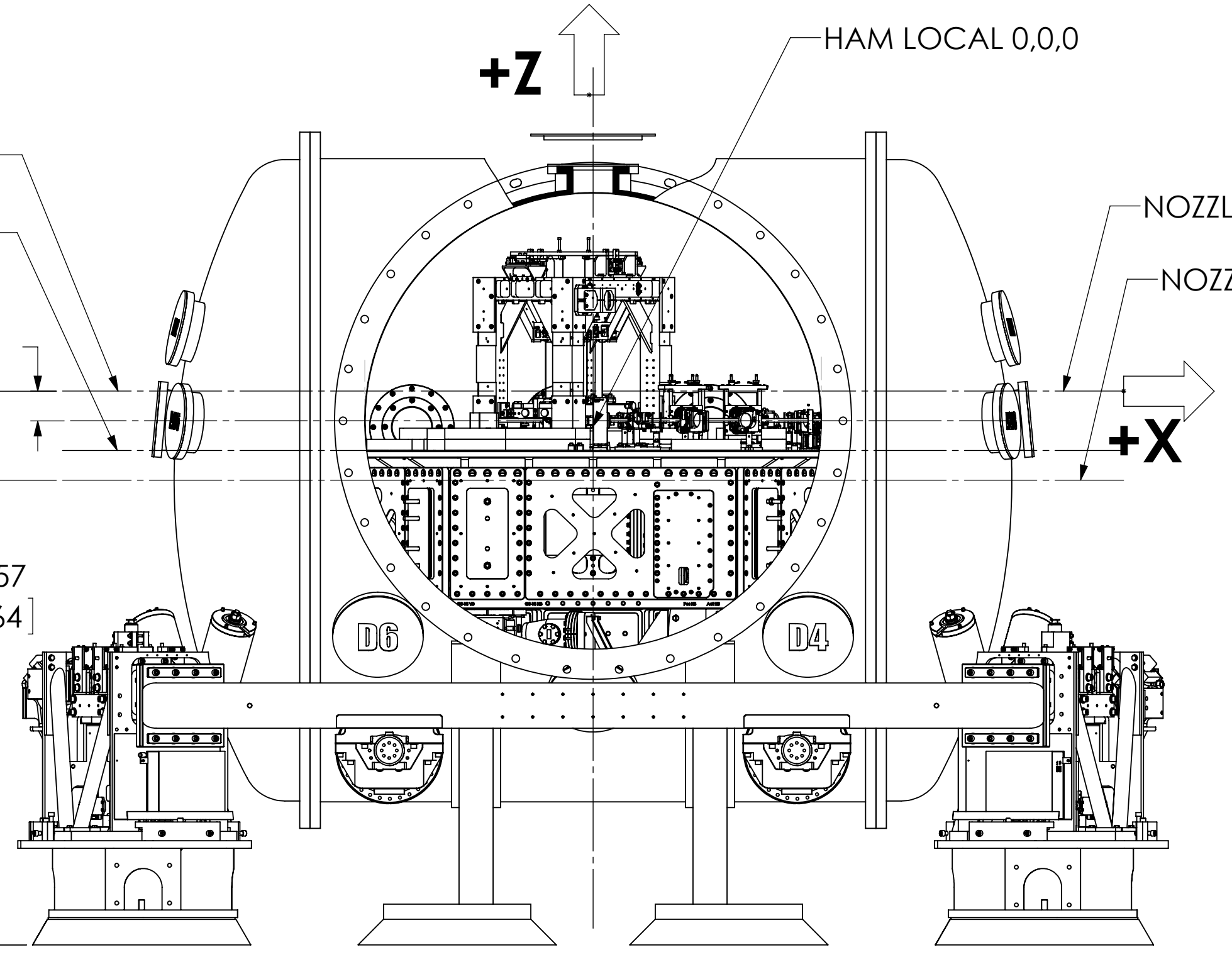
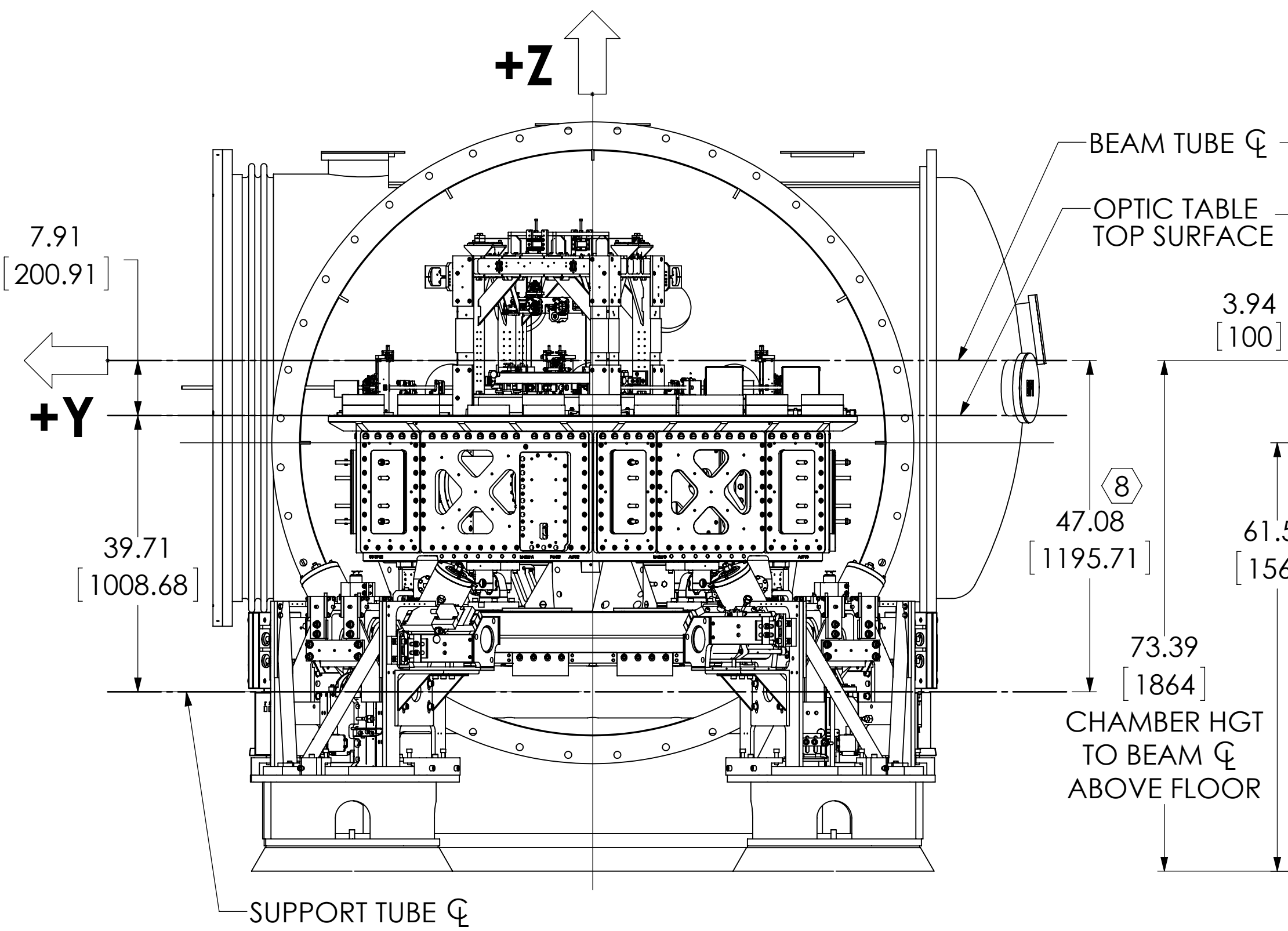
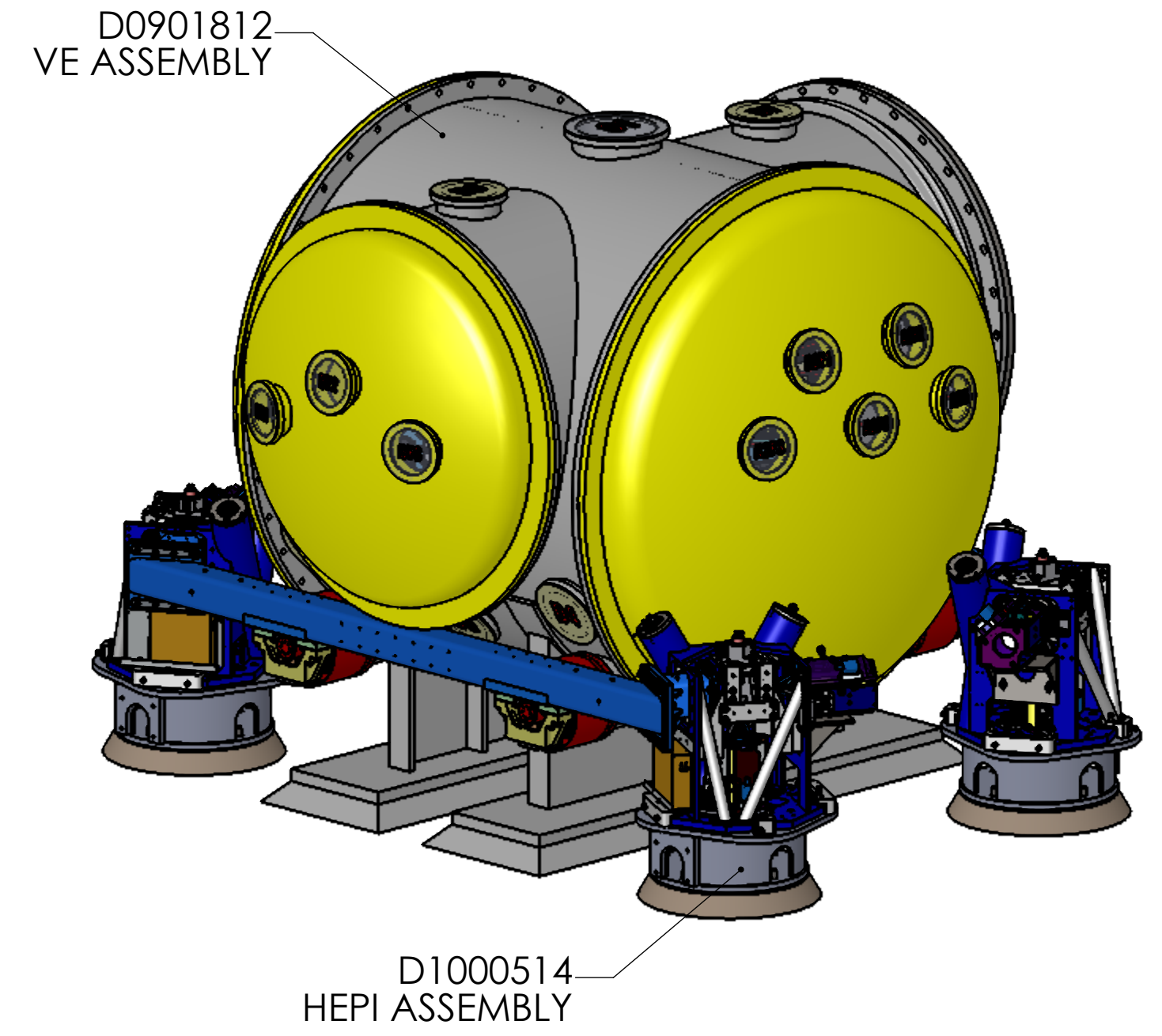
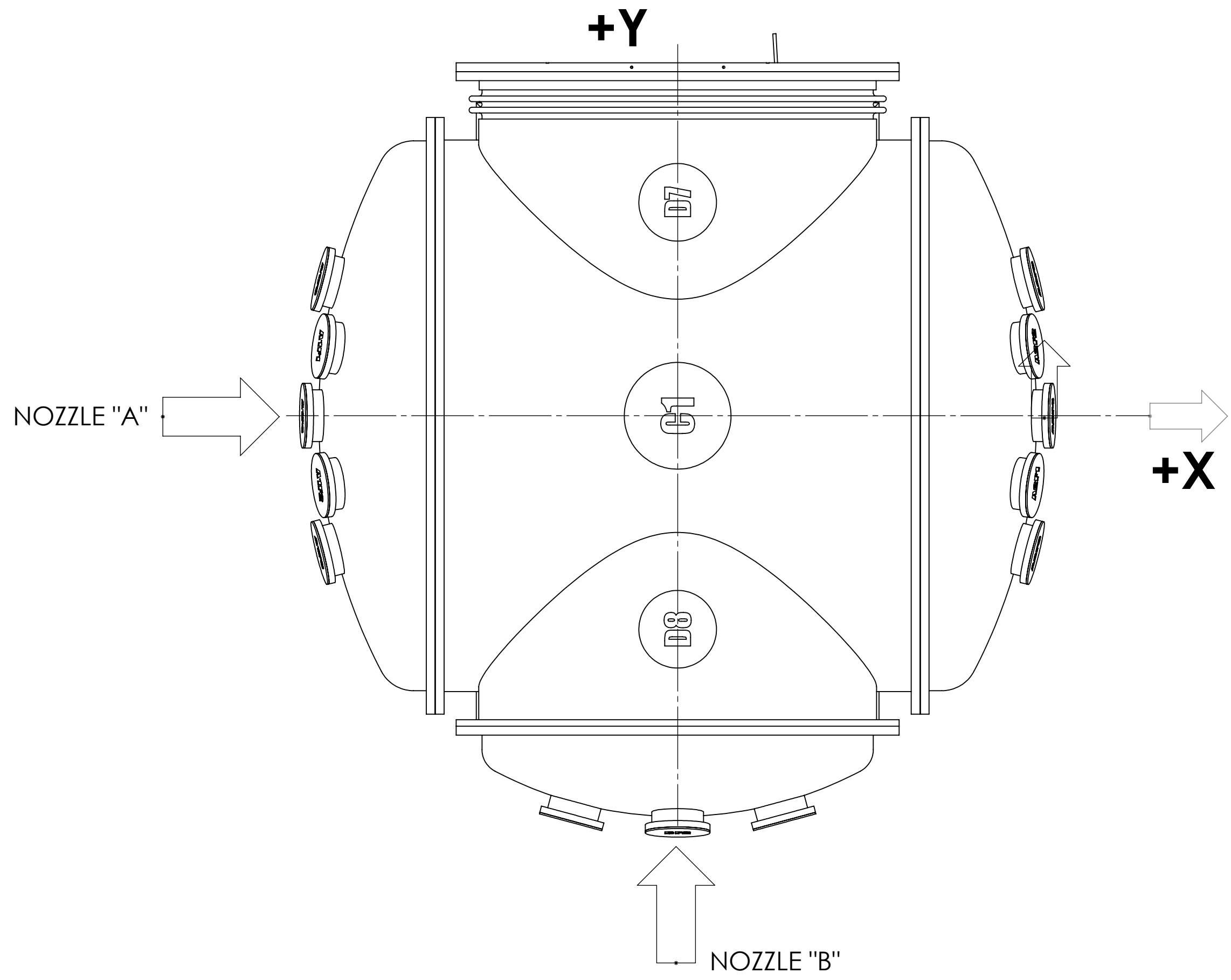


5. REFER TO DOCUMENT D1101296 FOR OPTICAL TABLE HOLE TABULATION CONVENTION.
6. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION.
7. REFER TO T1100292 FOR VIEWPORT DEFINITION.
8. DIMENSION WRT TO LOCAL BUILDING CS. REFER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBE ENDS.

REV.	DATE	DCN #	DRAWING TREE #
v4	01 OCT 2012		
v5	18 OCT 2012		
v6	15 FEB 2013		



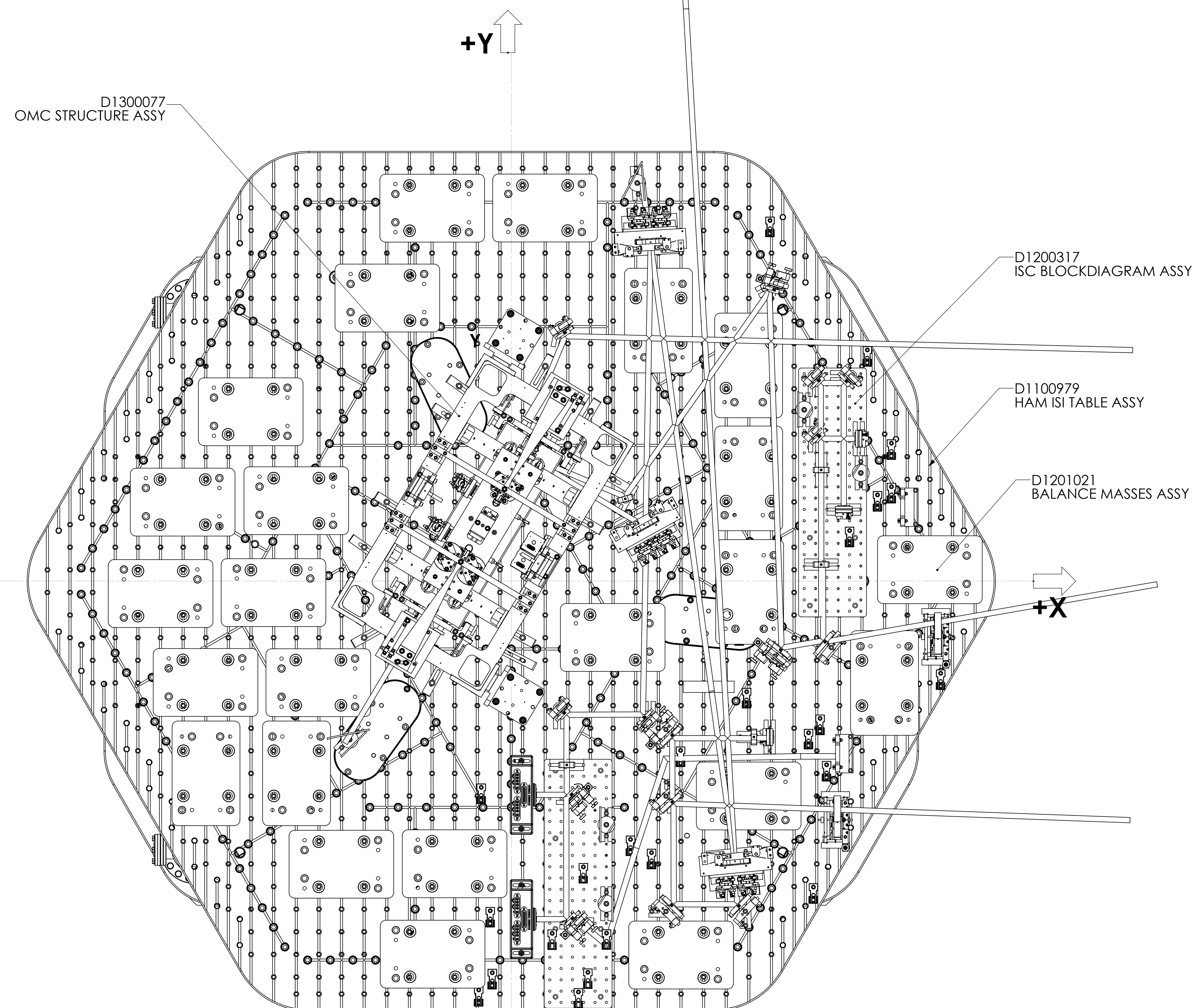
HAM6-L1 GLOBAL COORDINATES (mm)	
X	0.0
Y	-22692.0
Z	0.0

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		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.				<b>ADVANCED LIGO</b>		<b>AdvLIGO Systems, HAM6-L1 Top Level Chamber Assembly</b>	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5°				MATERIAL N/A FINISH N/A μinch		DESIGNER: ED CHAVEZ DRAFTER: ED CHAVEZ CHECKER: APPROVAL:	
				SYSTEM: ADVANCED LIGO NEXT ASSY: N/A		SUB-SYSTEM: SUS DATE: 07 MAY 2012	
				SIZE: D DWG. NO.: D0901811		REV.: v6	
				SCALE: 1:16 PROJECTION:		SHEET 1 OF 3	

D0901811 AdvLIGO Systems, HAM6-L1 Top Level Chamber Assembly, ALL PART PDM REV. X-039, DRAWING PDM REV. X-011

8 7 6 5 4 3 2 1

H  
G  
F  
E  
D  
C  
B  
A



D1300077  
OMC STRUCTURE ASSY

D1200317  
ISC BLOCKDIAGRAM ASSY

D1100979  
HAM ISI TABLE ASSY

D1201021  
BALANCE MASSES ASSY

+Y ↑

+X →

ITEM NO.	PART NUMBER	DESCRIPTION	Full Complete /QTY.
1	D0901812	AdvLIGO VE HAM6-L1, Vacuum Equipment Assembly	1
2	D1000514	HEPI ASSEMBLY, HAM, aLIGO SEI	1
3	D1100979	AdvLIGO SEI HAM6-L1, XYZ Local CS for ISO Table	1
4	D1200317	AdvLIGO SEI HAM6-L1, XYZ Local CS for ISC BlockDiagram	1
5	D1201021	AdvLIGO HAM6-L1 ISI Table, Payload & Suspended Mass Assembly	1
6	D1300077	AdvLIGO SEI HAM6-L1, XYZ Local CS for Output Mode Cleaner	1

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. REV.  
**D** **D0901811** **V6**

SCALE: 1:5 PROJECTION: SHEET 2 OF 3

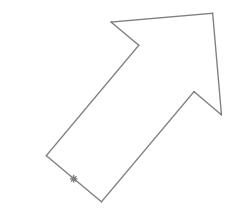
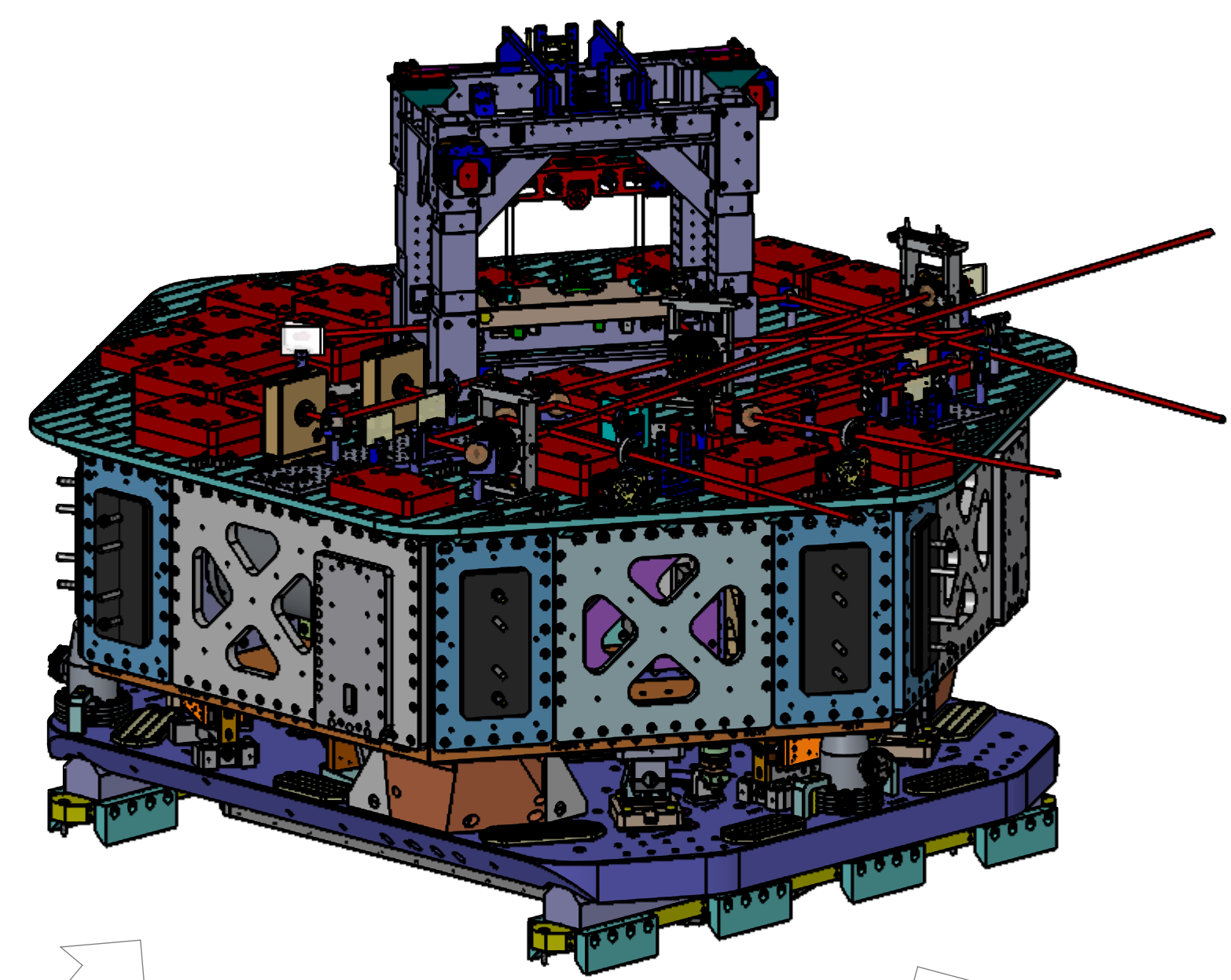
8 7 6 5 4 3 2 1

DD0901811 AdvLIGO Systems: HAM6-L1 Top Level Chamber Assembly: ALL PART PDM REV: X:039: DRAWING PDM REV: X:011

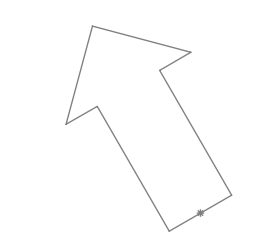


8 7 6 5 4 3 2 1

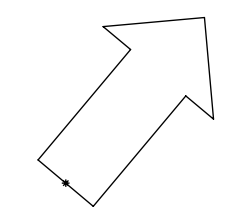
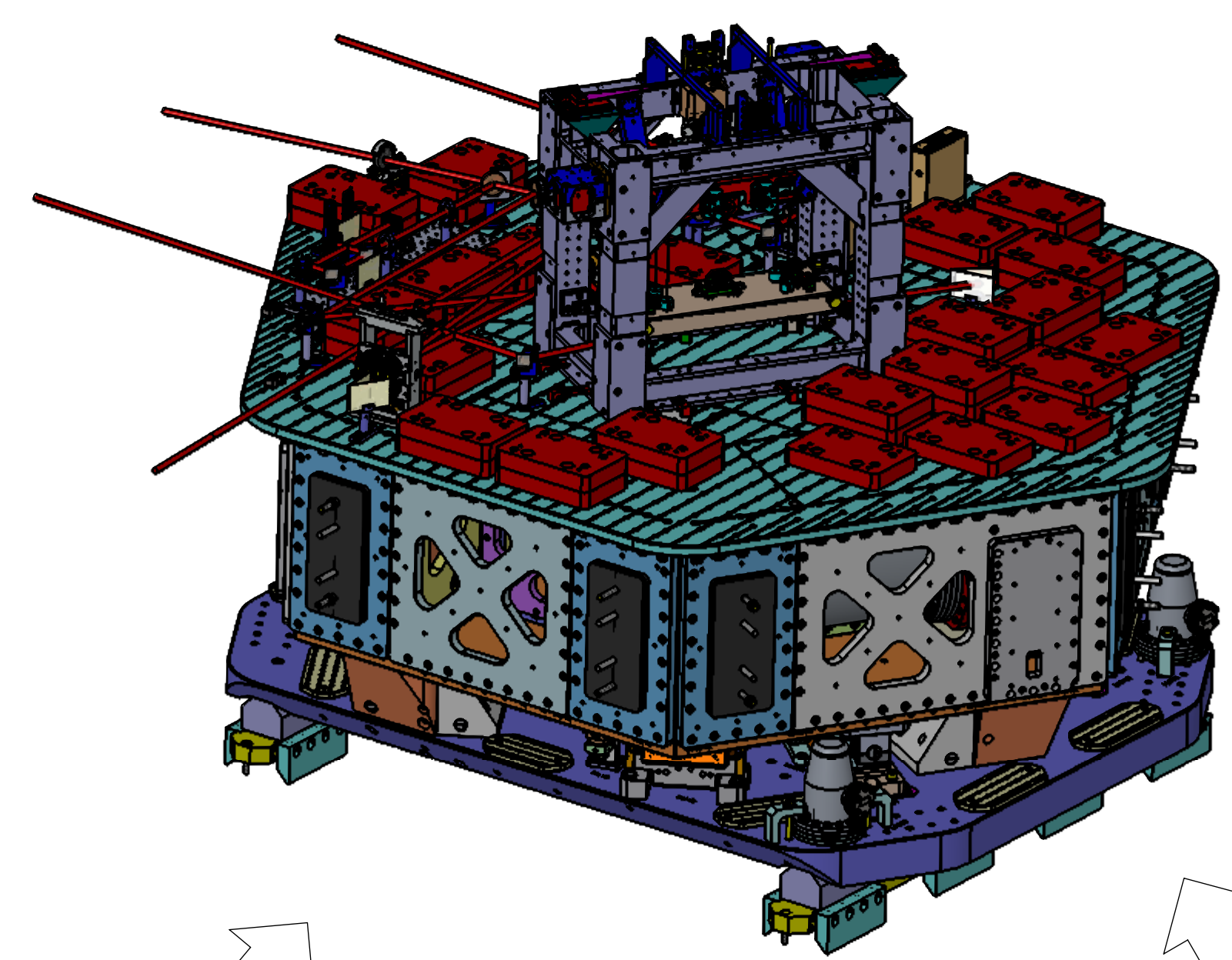
H  
G  
F  
E  
D  
C  
B  
A



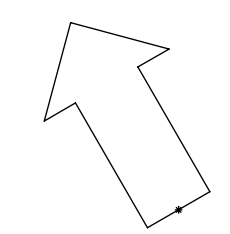
FRONT VIEW



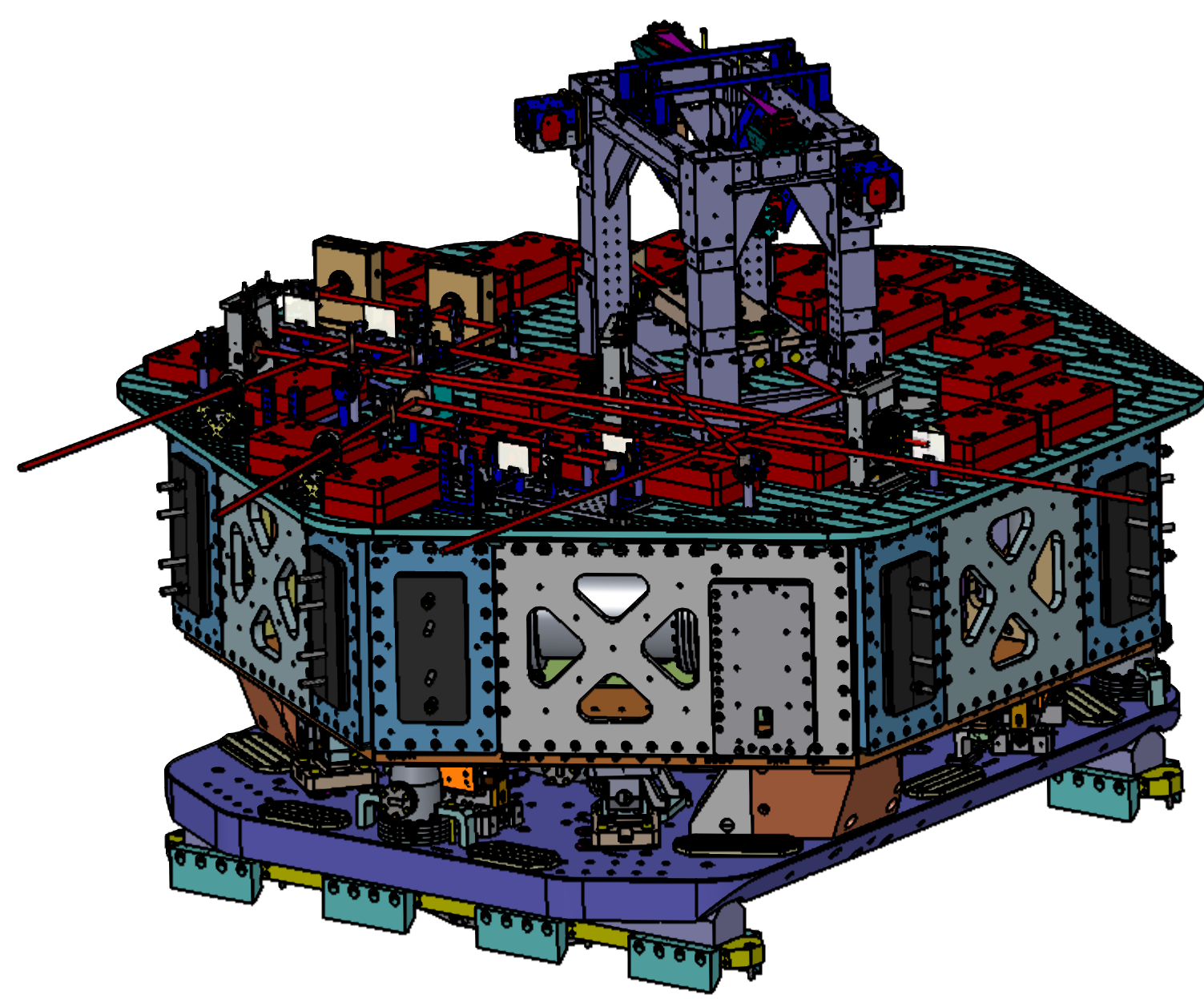
RIGHT SIDE VIEW




LEFT SIDE VIEW



FRONT VIEW



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D0901811	V6
SCALE: 1:8	PROJECTION:	SHEET 3 OF 3

8 7 6 5 4 3 2 1

H  
G  
F  
E  
D  
C  
B  
A

DDP01811\_Asd\LIGO Systems\_HAM&L1\_Top Level Chamber Assembly\_A11\_PART PDM\_REV\_X-039\_DRAWING PDM\_REV\_X-011