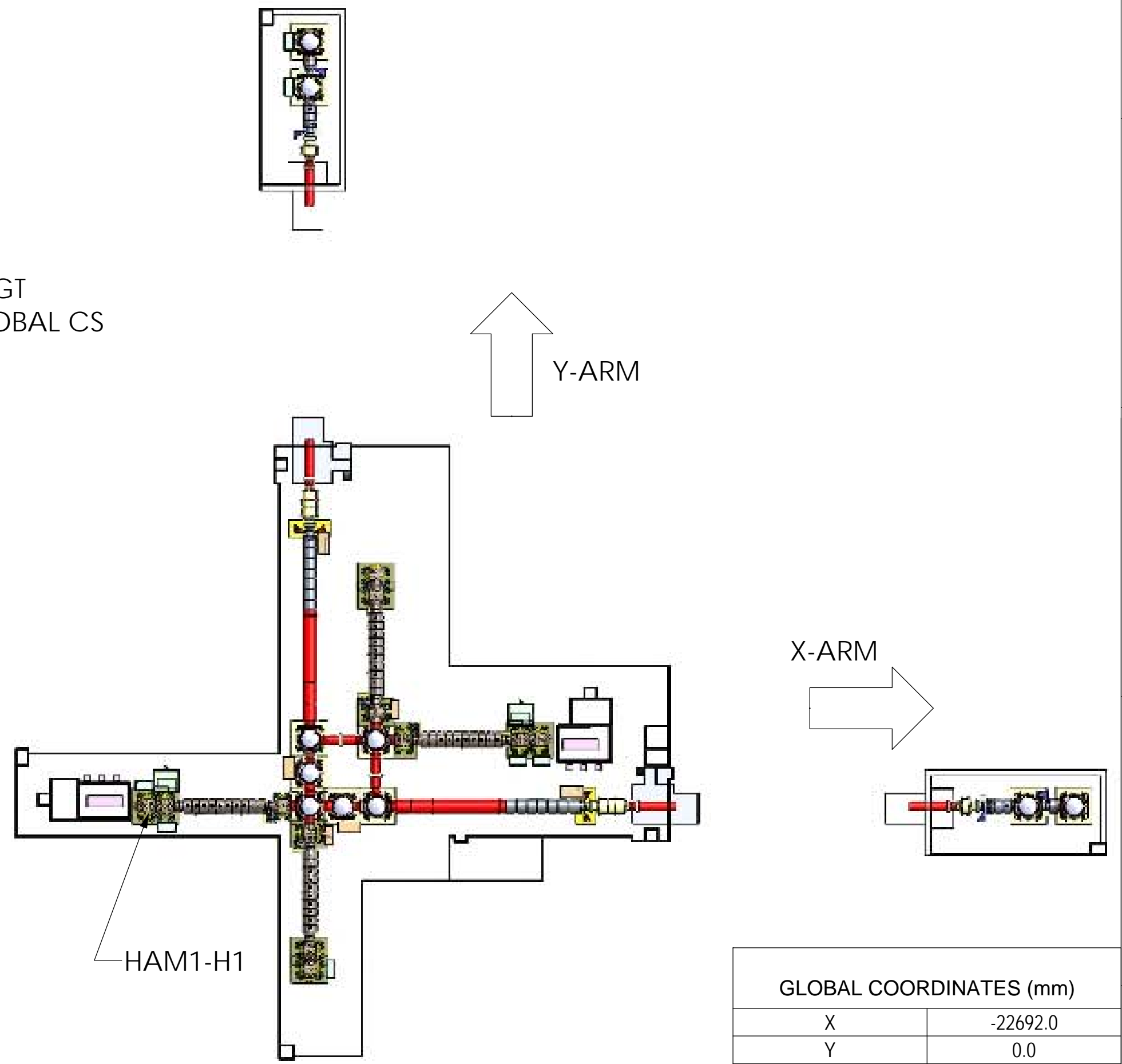
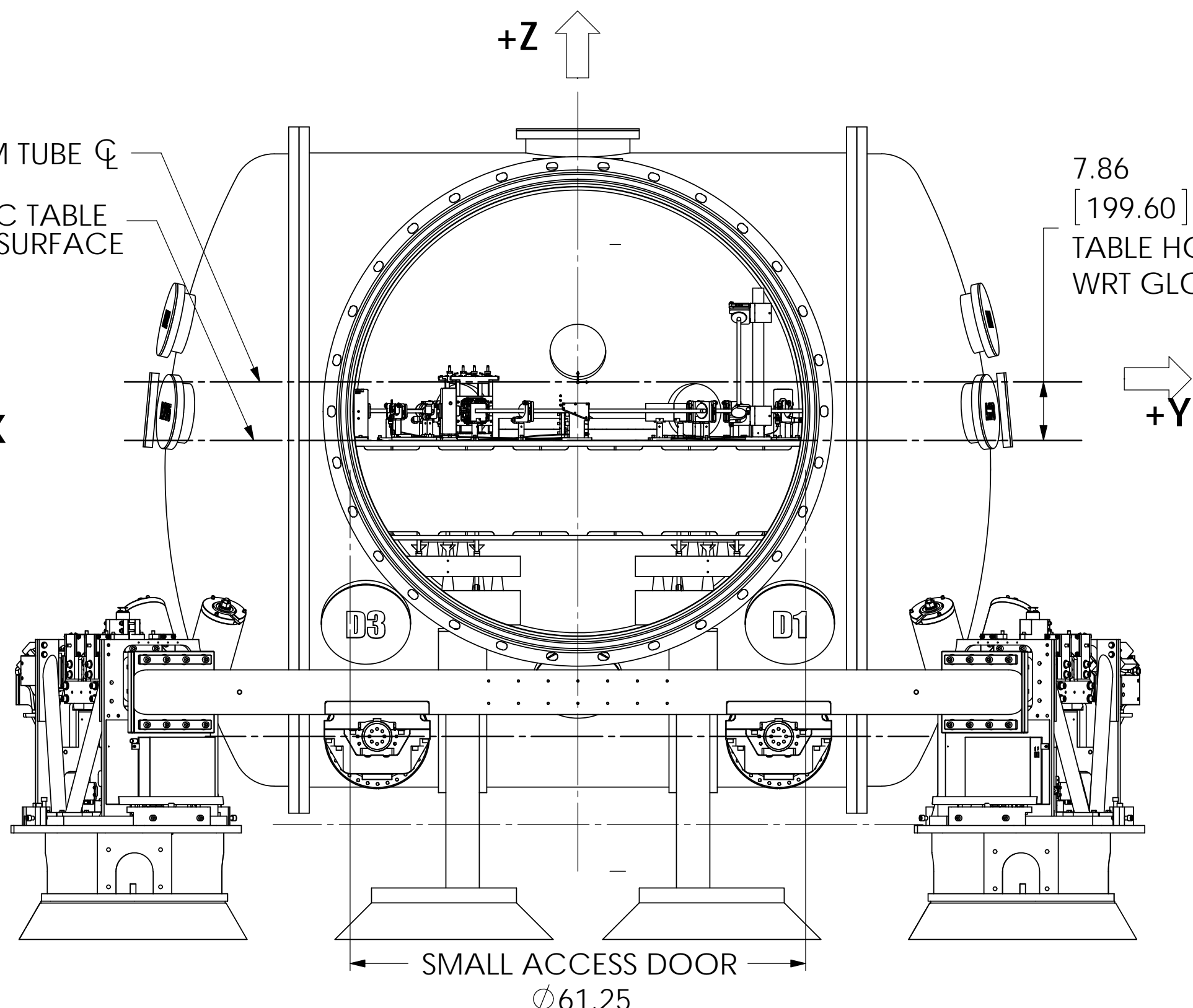
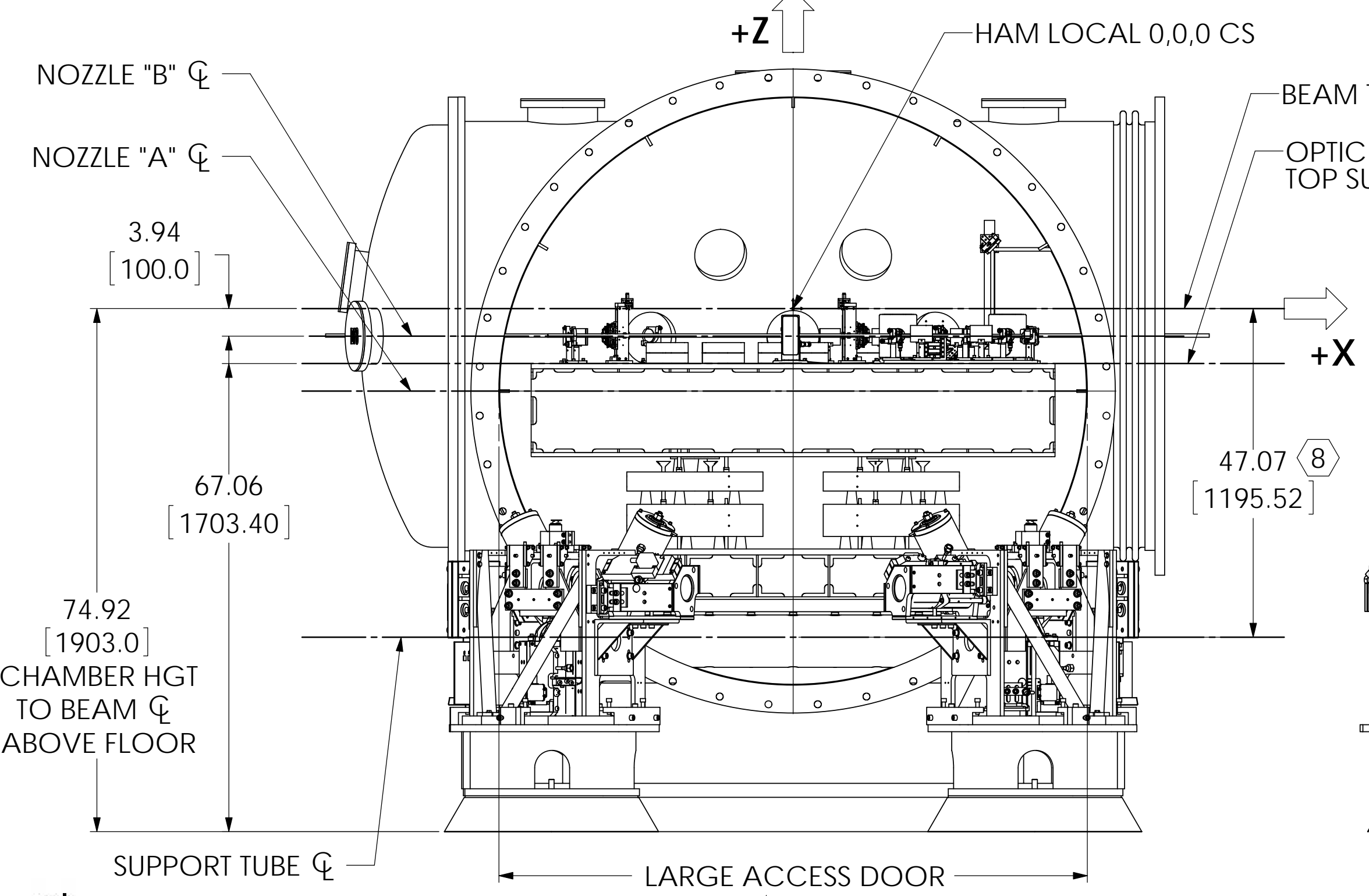
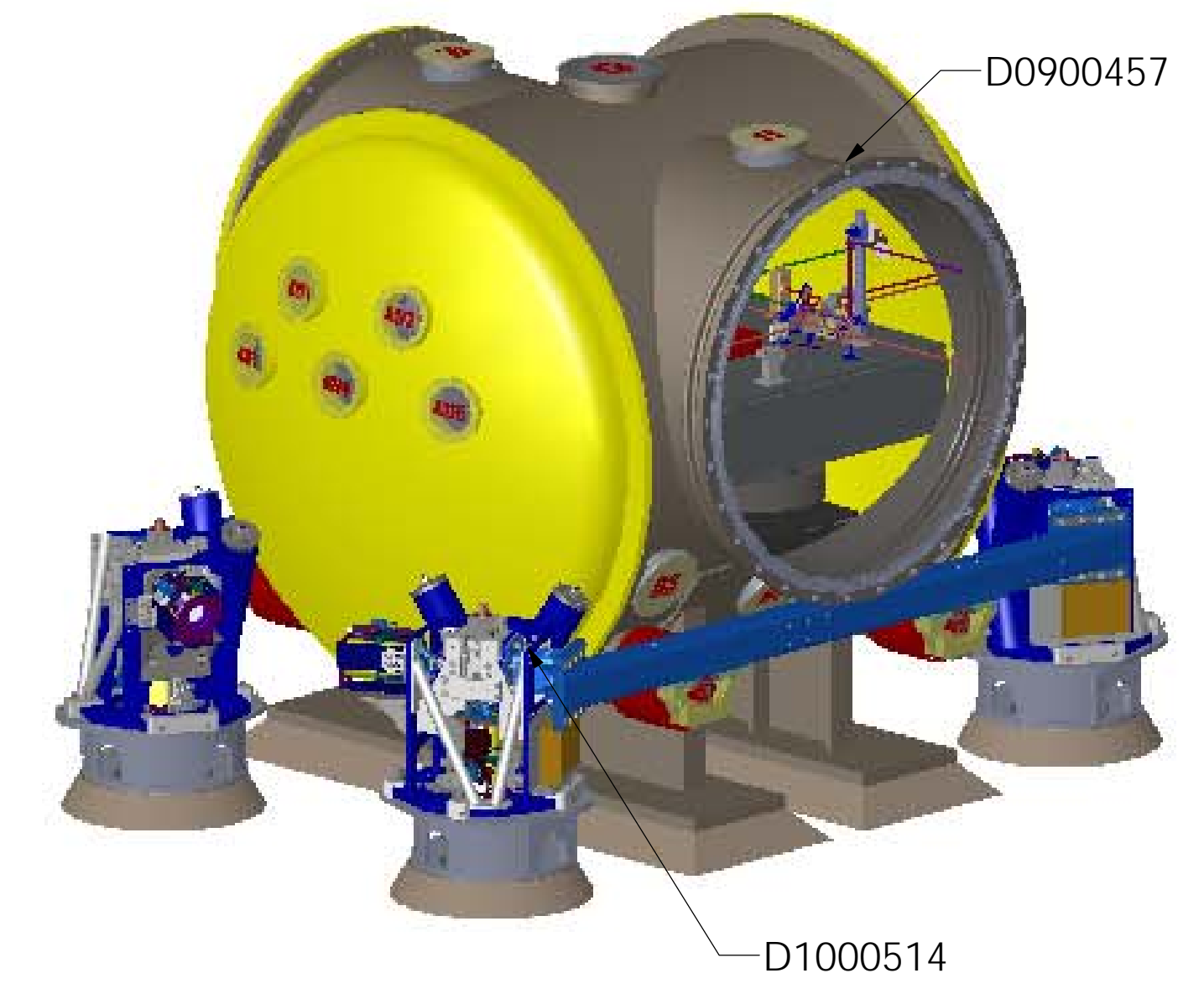
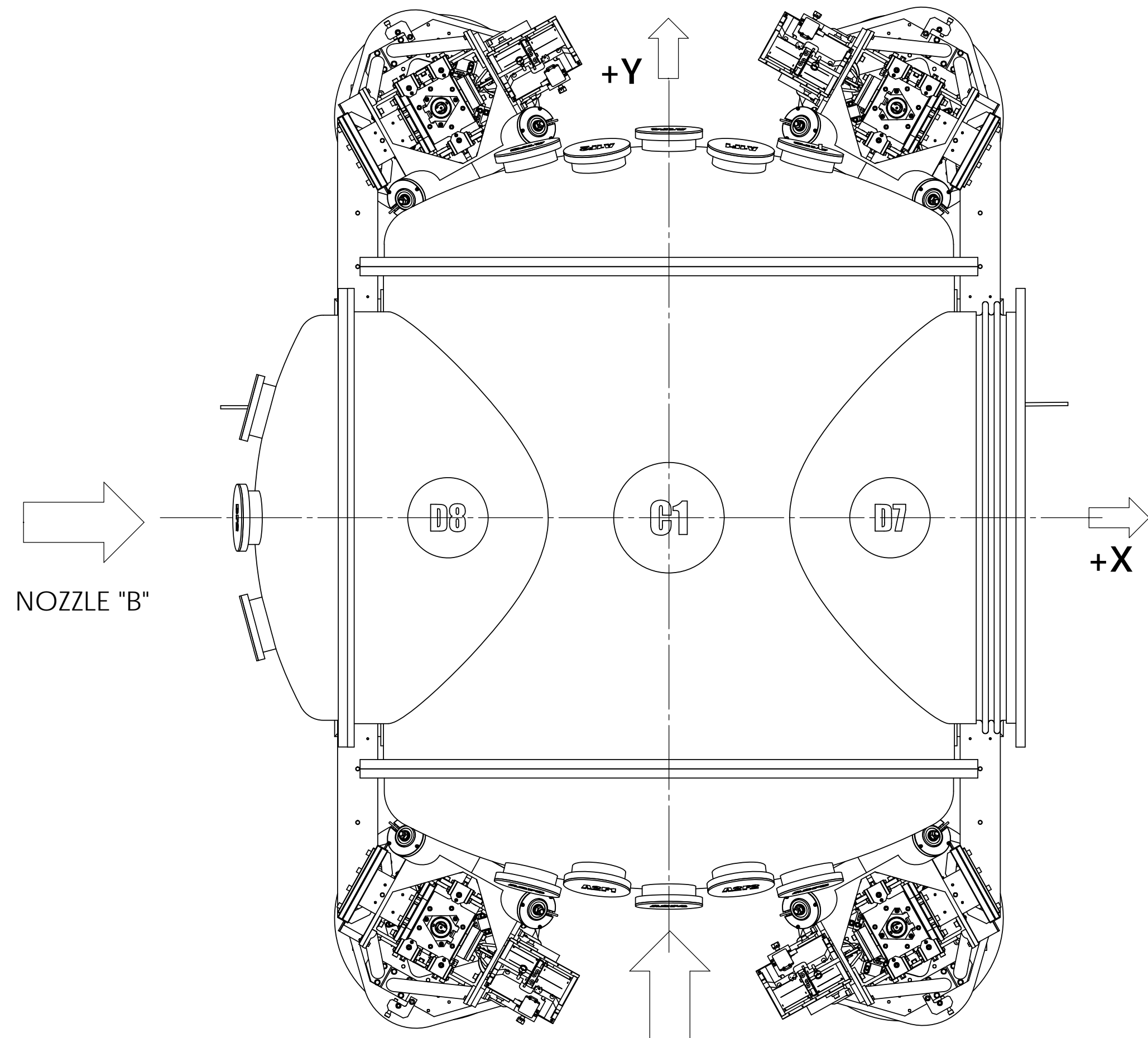
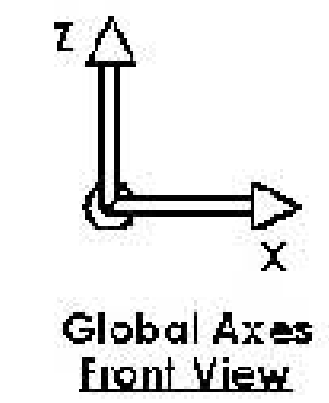


REV.	DATE	DCN #	DRAWING TREE #
v1	26 MAR 2012		
v2	31 MAY 2012		
v3	19 OCT 2012		

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.



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



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
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.	
MATERIAL	--
FINISH	-- μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	SUS
NEXT ASSY	

PART NAME		HAM1-H1 TOP LEVEL CHAMBER ASSEMBLY, FULLY FINISHED	
DESIGNER	ED CHAVEZ	DATE	26 MAR 2012
DRAFTER		SIZE	D
CHECKER		DWG. NO.	D0901821
APPROVAL		REV.	v3
SCALE: 1:16	PROJECTION:	SHEET 1 OF 3	

D0901821 A04/LIGO Systems: HAM1-H1 Top Level Chamber Assembly, ALL PART PDM REV. X-035, DRAWING PDM REV. X-002

D1002498 ISO TABLE ASSEMBLY
- D1102387 ALIGO OPTICS TABLE

D1200524 BALANCE MASS ASSEMBLY

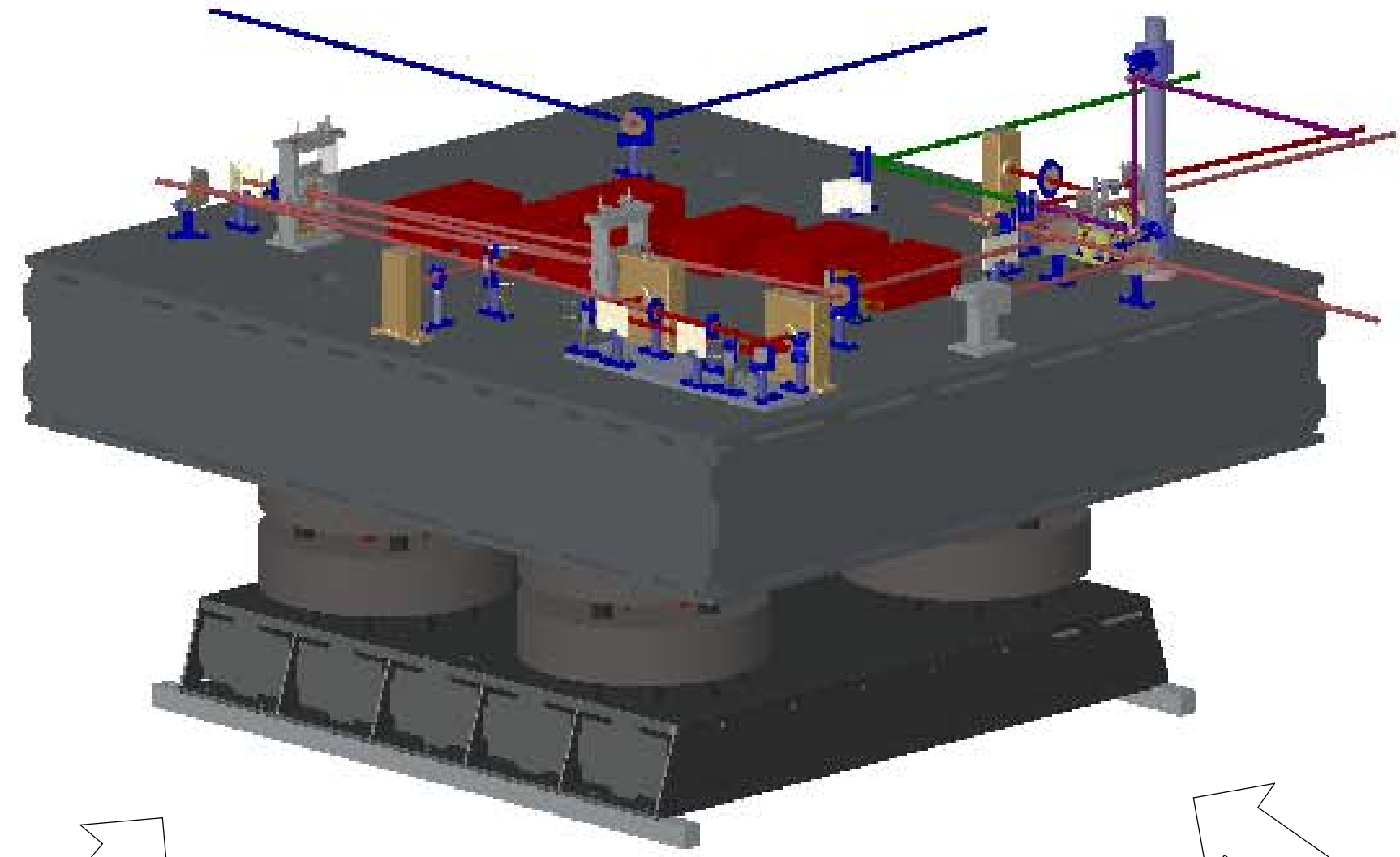
D1003293 BLOCKDIAGRAMS ASSY
- D1000313 ISC HAM1 ASSY - VACUUM

5	D1200524	AdvLIGO HAM1-H1 ISI Table, Payload & Suspended Mass Assy	N/A	1
4	D1003293	AdvLIGO HAM1-H1, XYZ Local CS for ISC BlockDiagram		1
3	D1002498	AdvLIGO SEI HAM1-H1, XYZ Local CS for ISO Table		1
2	D1000514	HEPI ASSEMBLY, HAM, aLIGO SEI	SEE BOMS	1
1	D0901820	AdvLIGO VE HAM1-H1, Vacuum Equipment Assembly	--	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY

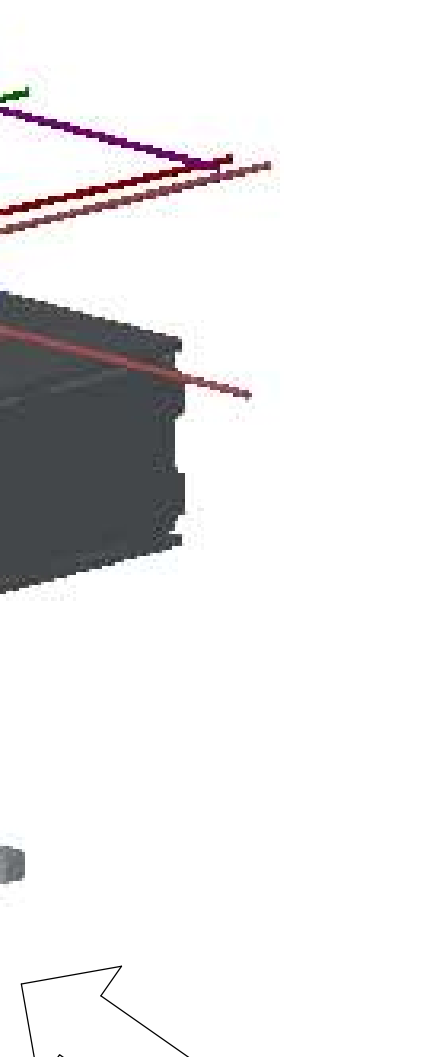
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
D	D0901821	v3
SCALE: 1:5	PROJECTION:	SHEET 2 OF 3

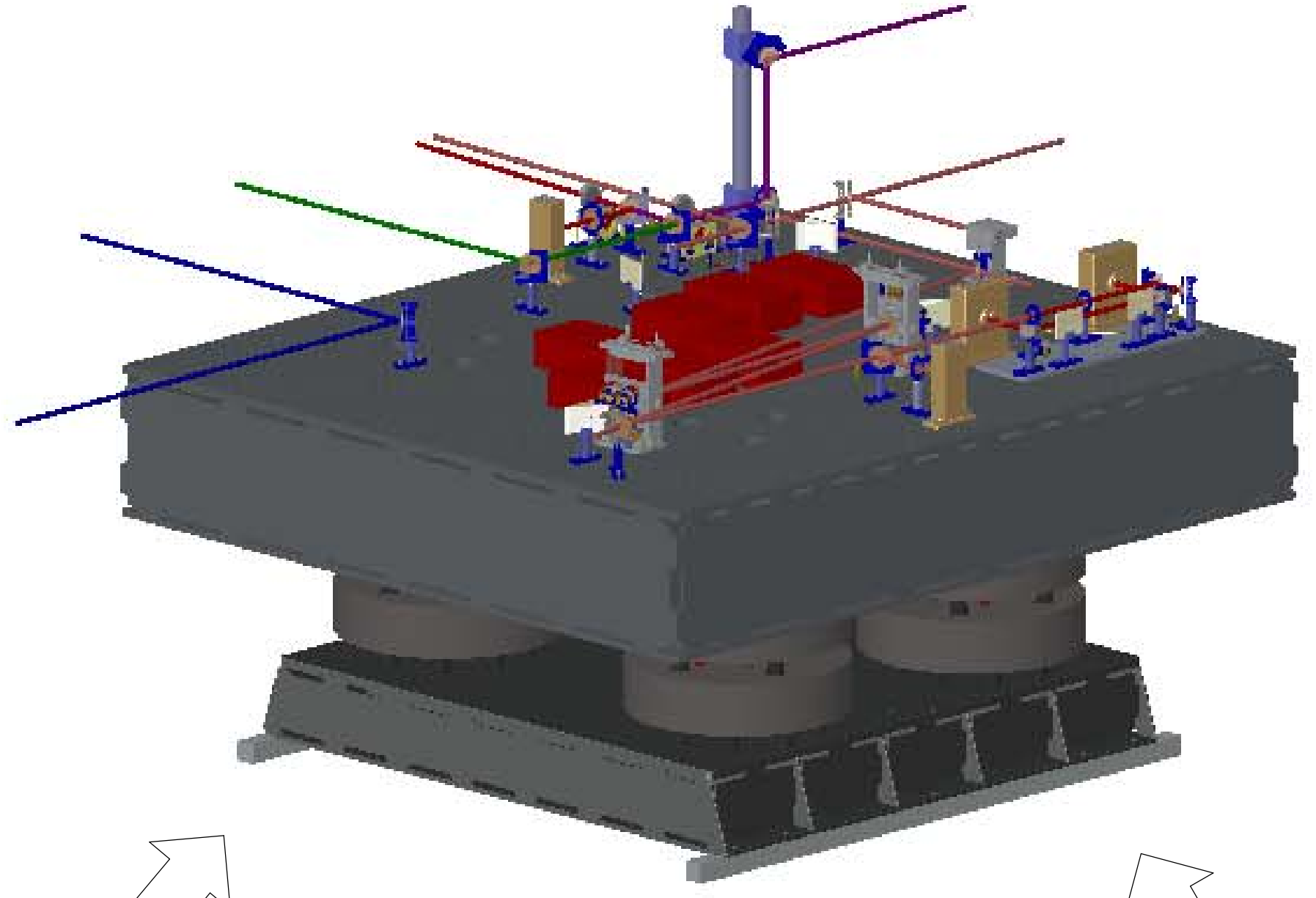
D0901821 AdvLIGO Systems: HAM1-H1 Top Level Chamber Assembly, ALL PART PDM REV: X-035, DRAWING PDM REV: X-002



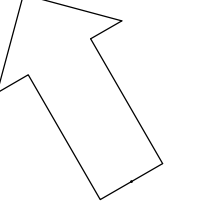
FRONT VIEW



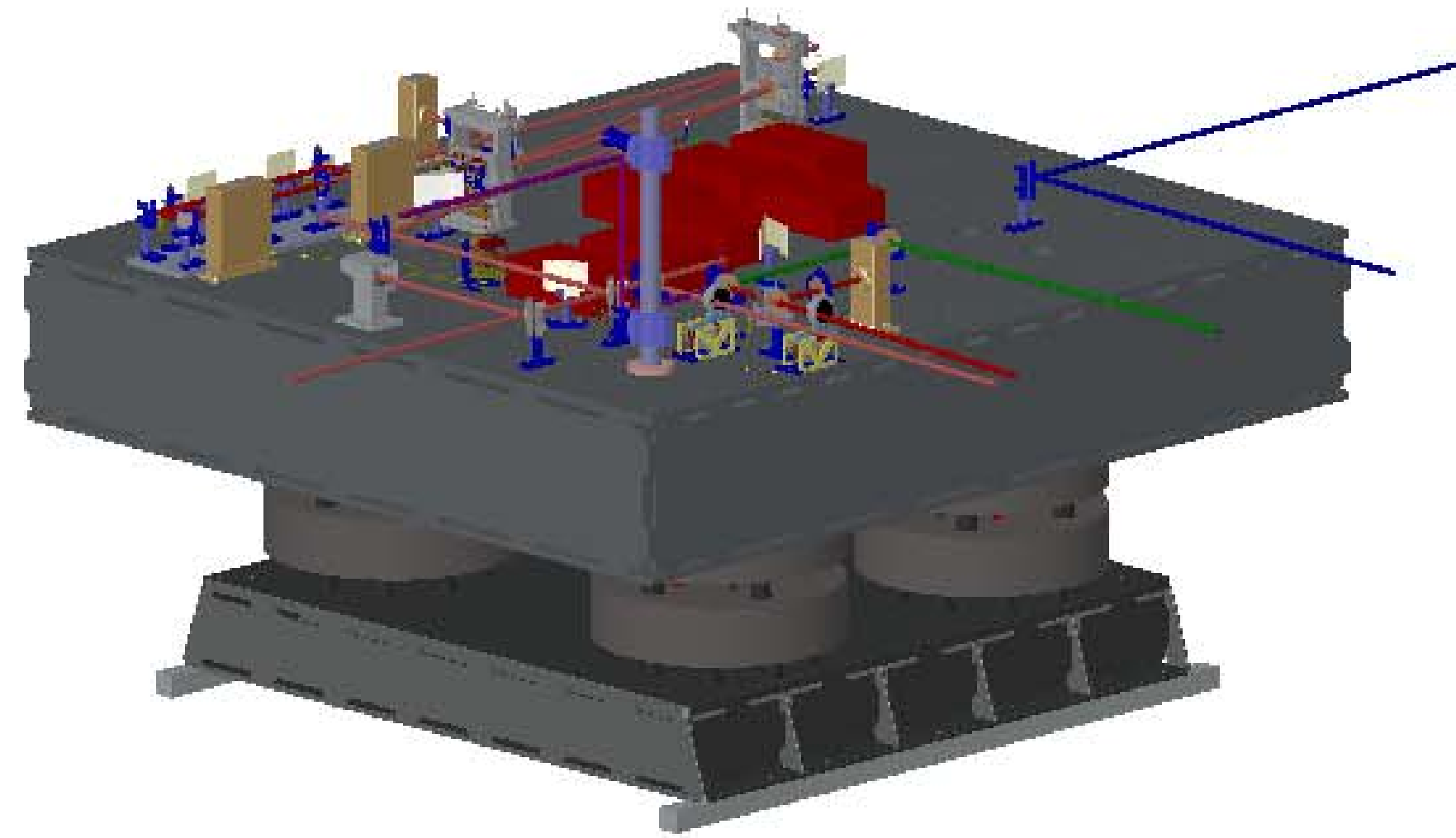
RIGHT SIDE VIEW


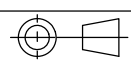


LEFT SIDE VIEW



FRONT VIEW



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D0901821	v3
SCALE: 1:12	PROJECTION:	
		SHEET 3 OF 3

D0901821 ADM/LIGO Systems: HAMT-H1 Top Level Chamber Assembly: ALL PART PDM/REV: X-035: DRAWING PDM/REV: X-002