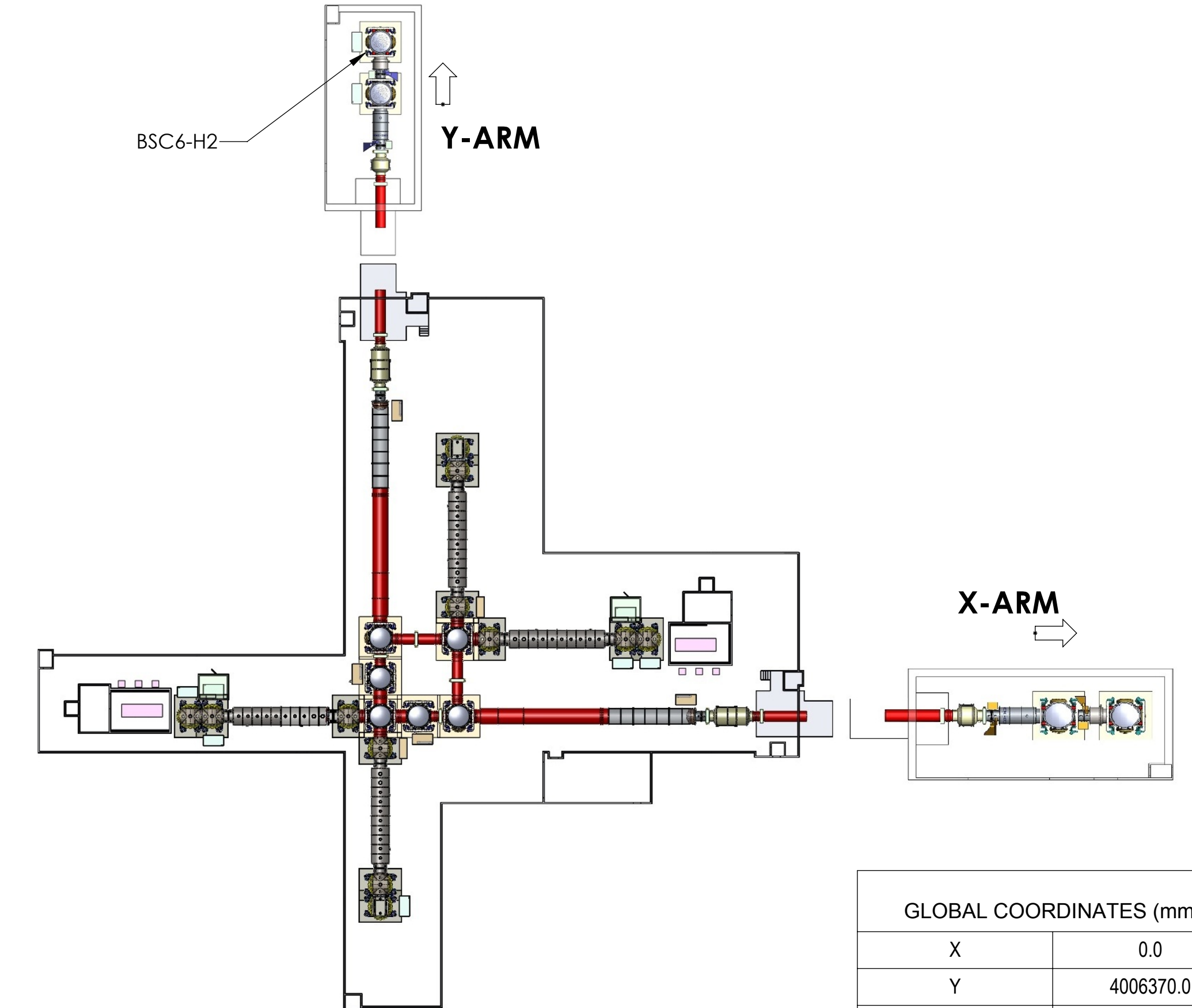
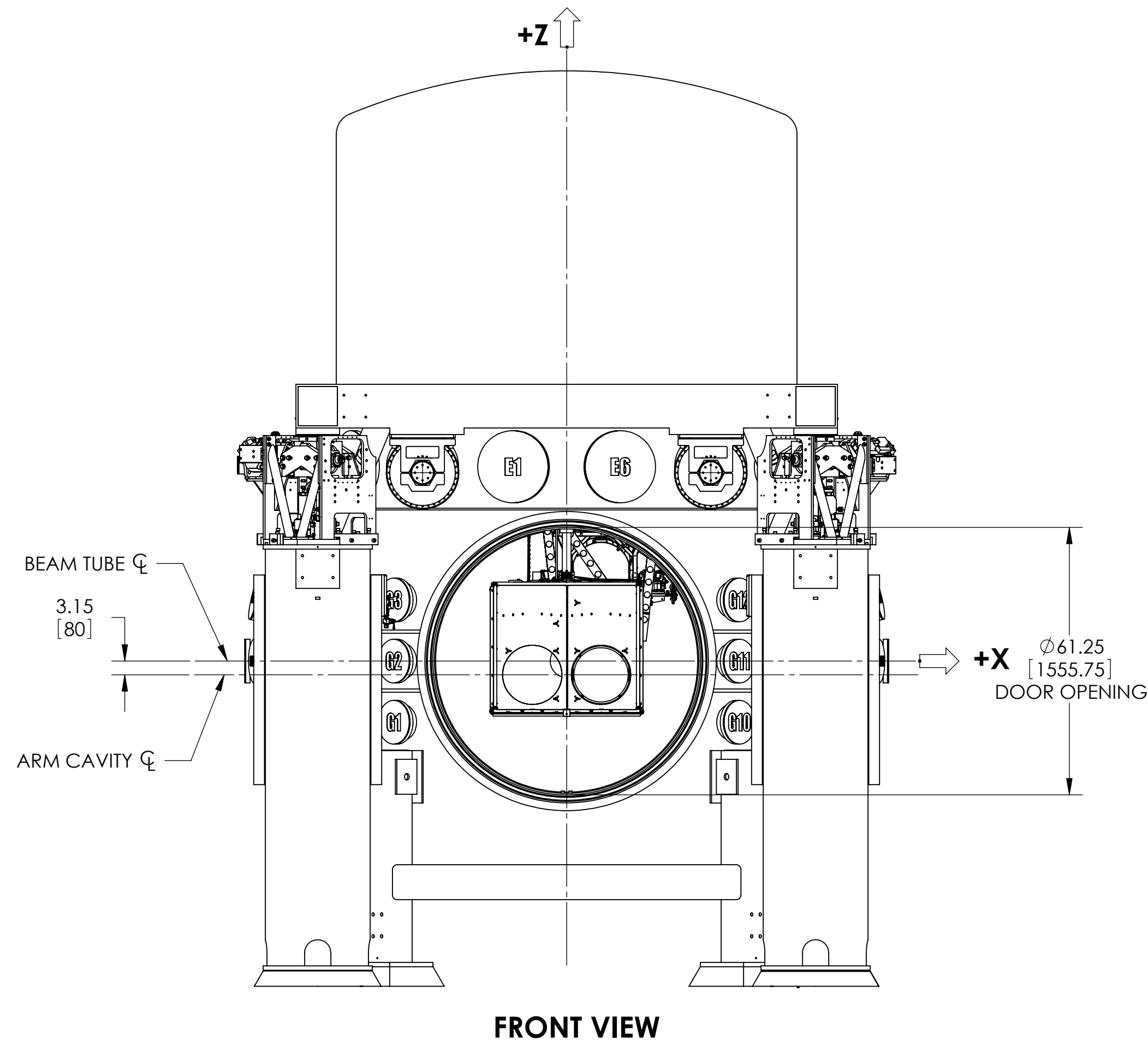
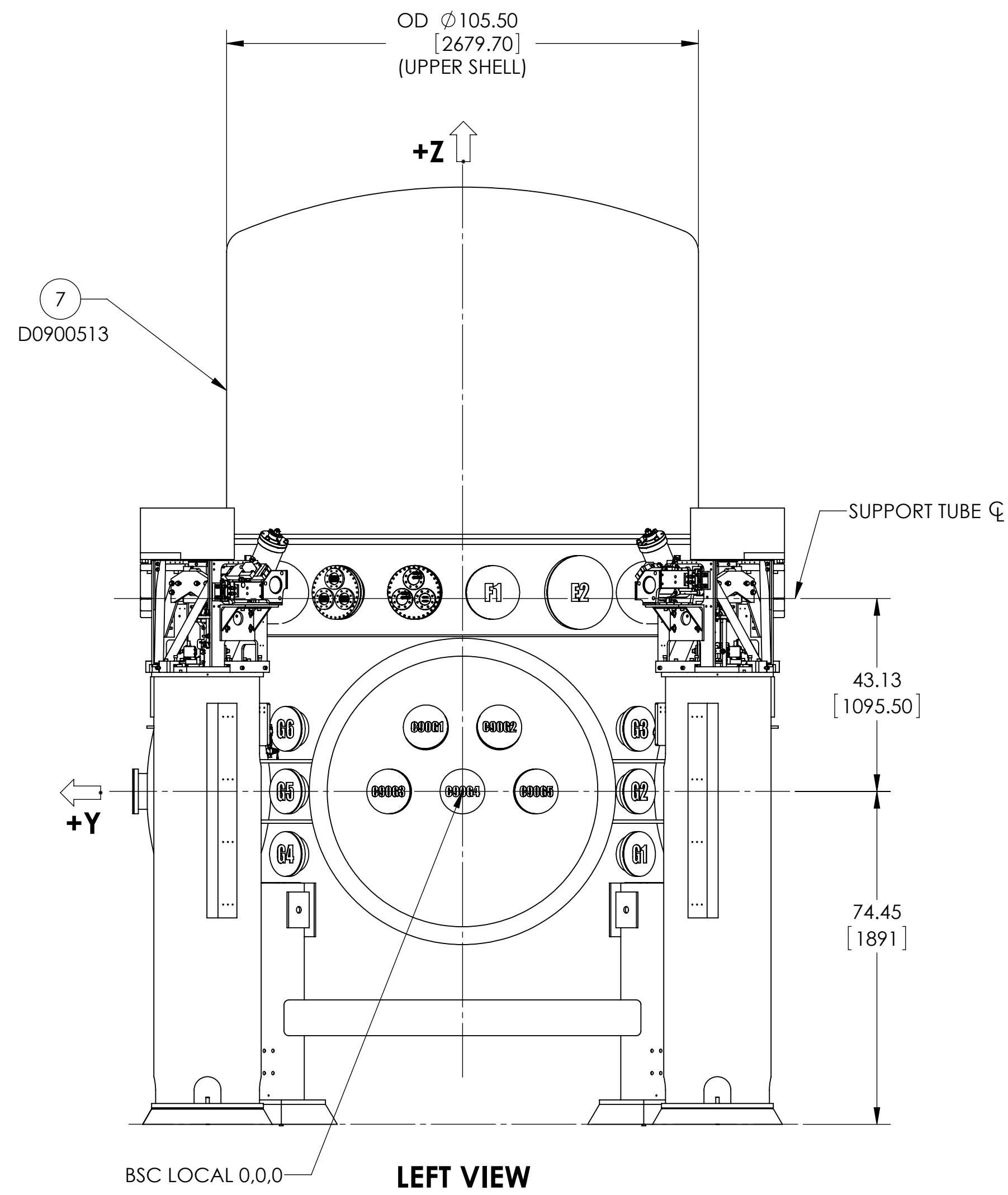
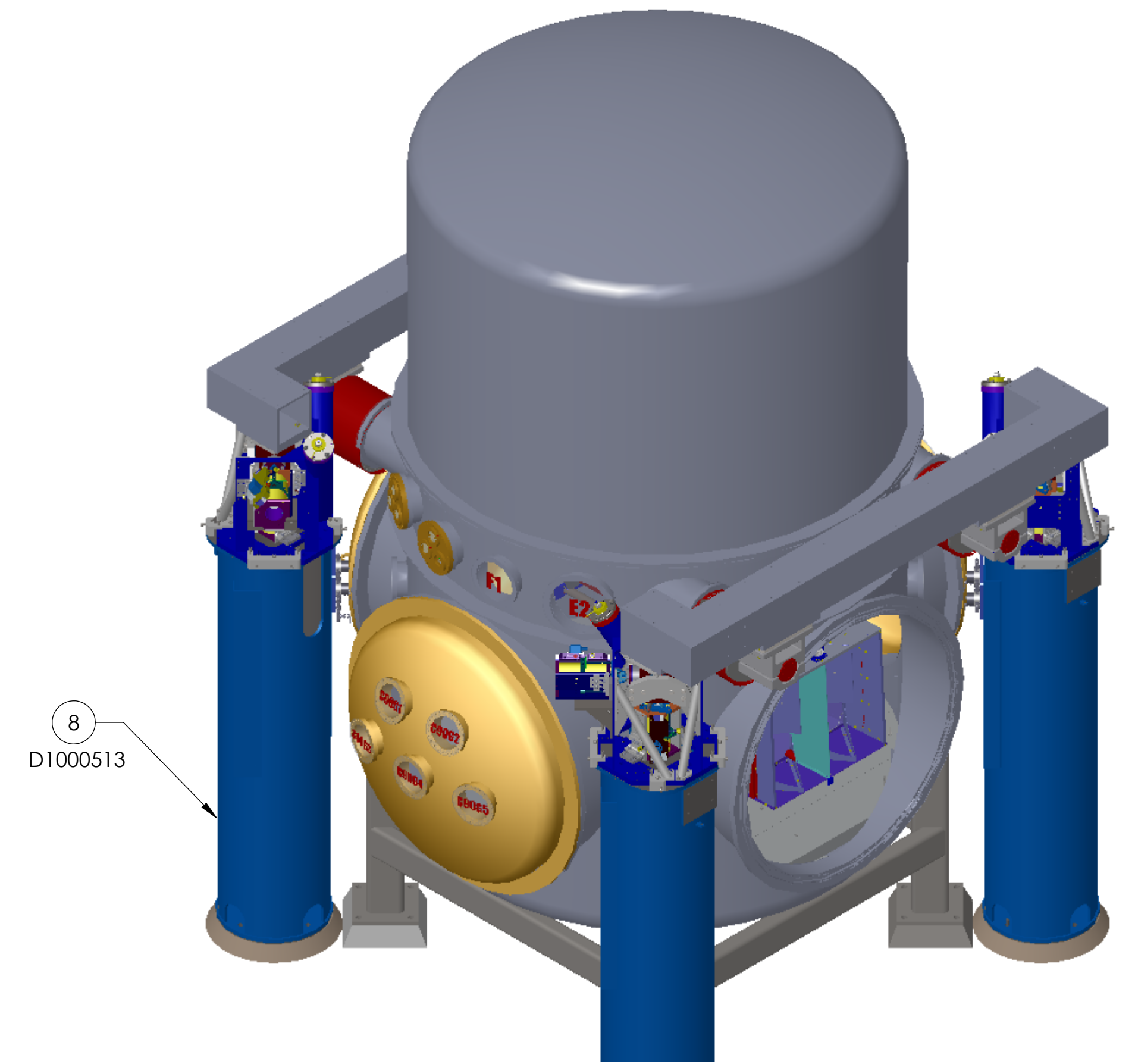
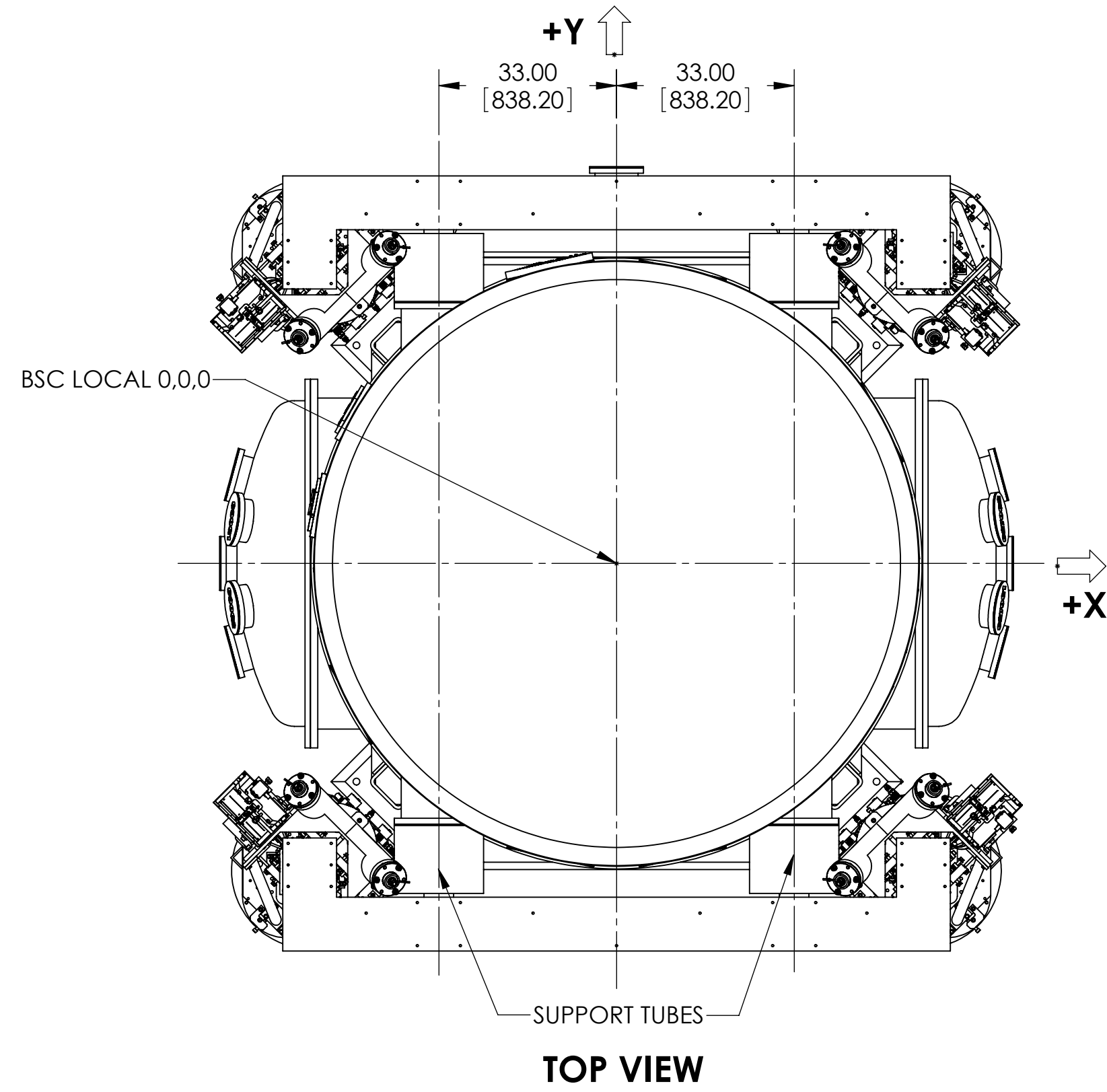


- NOTES:
- REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION.
  - REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION.



GLOBAL COORDINATES (mm)	
X	0.0
Y	4006370.0
Z	0.0

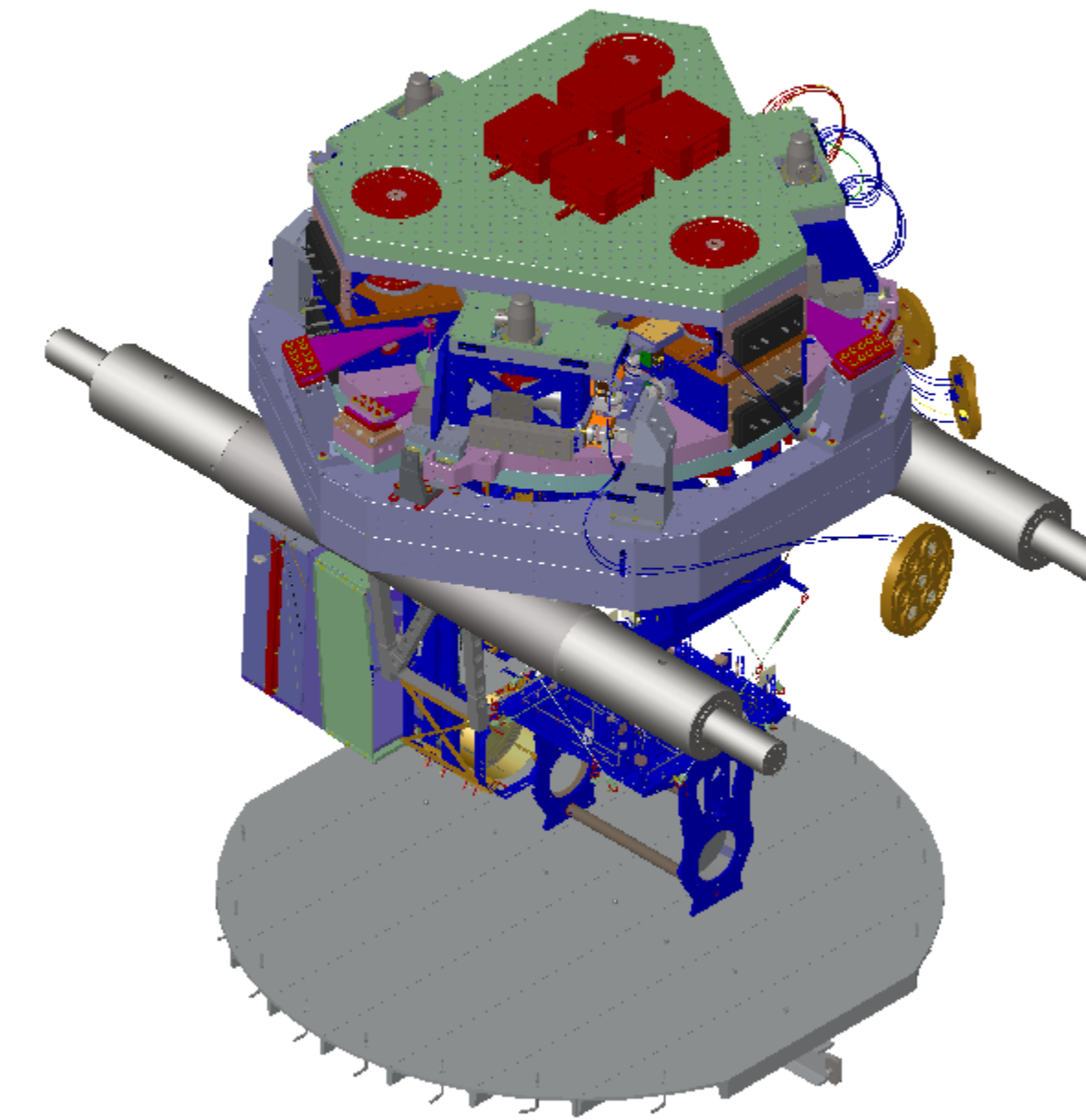
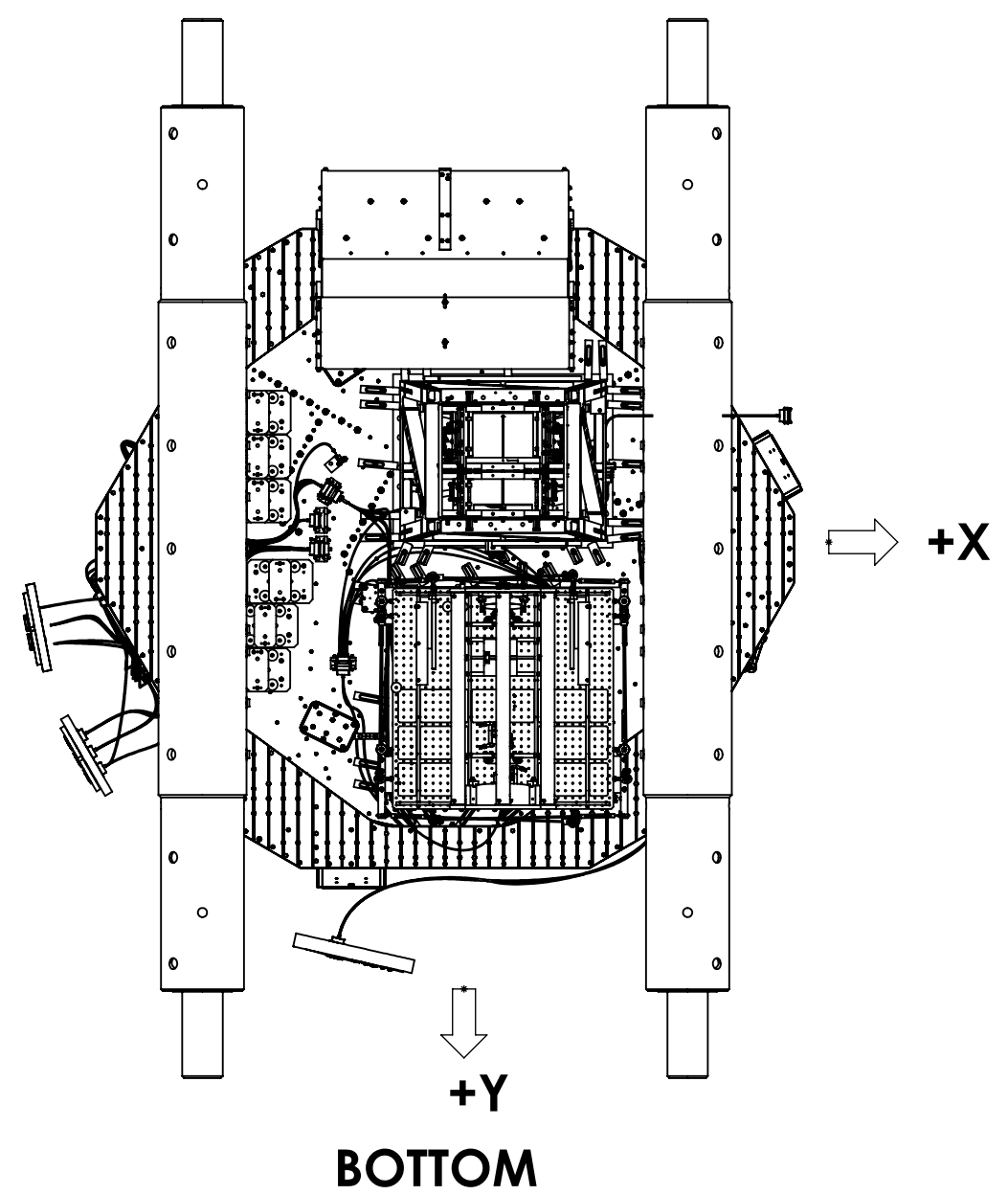
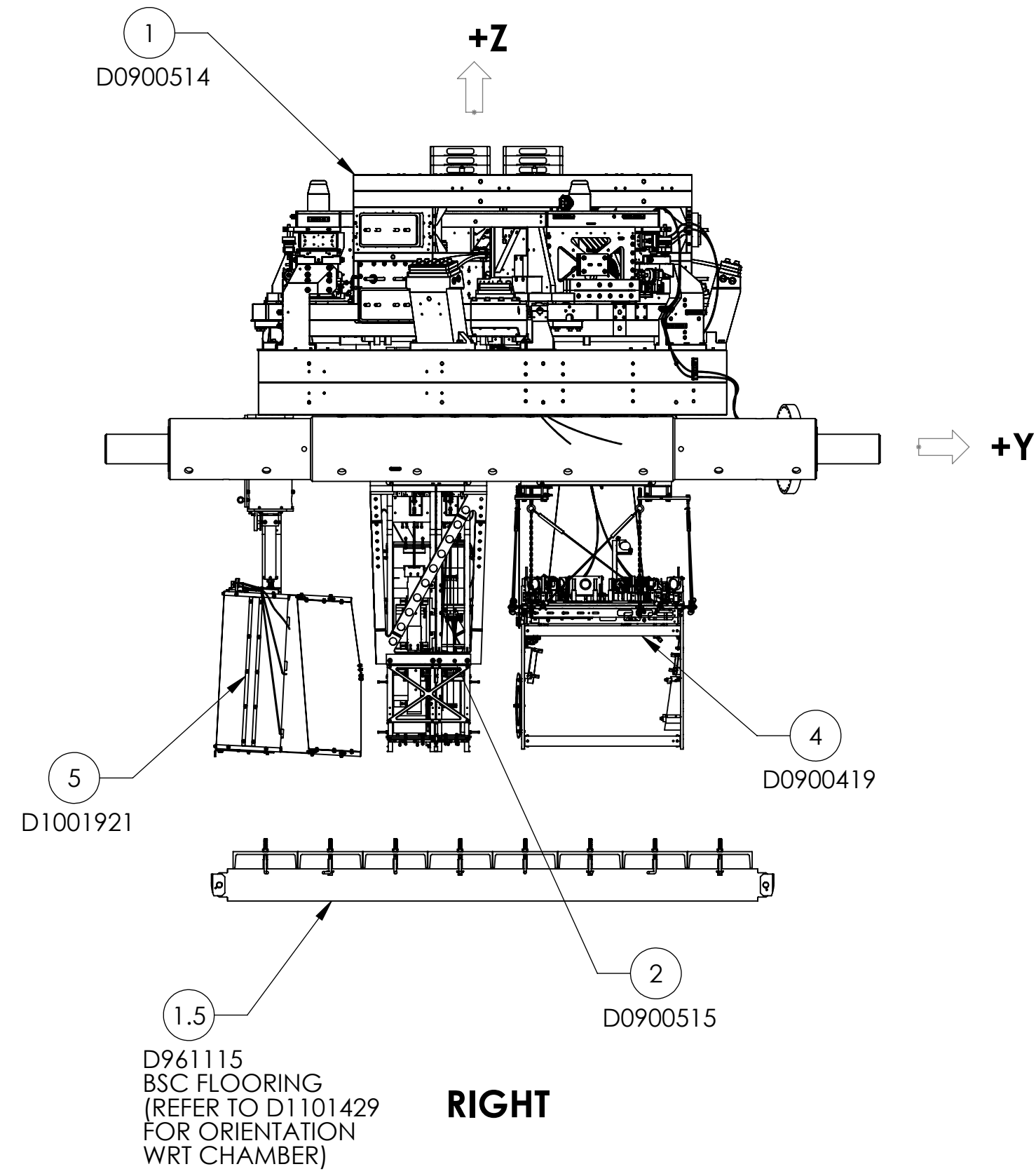
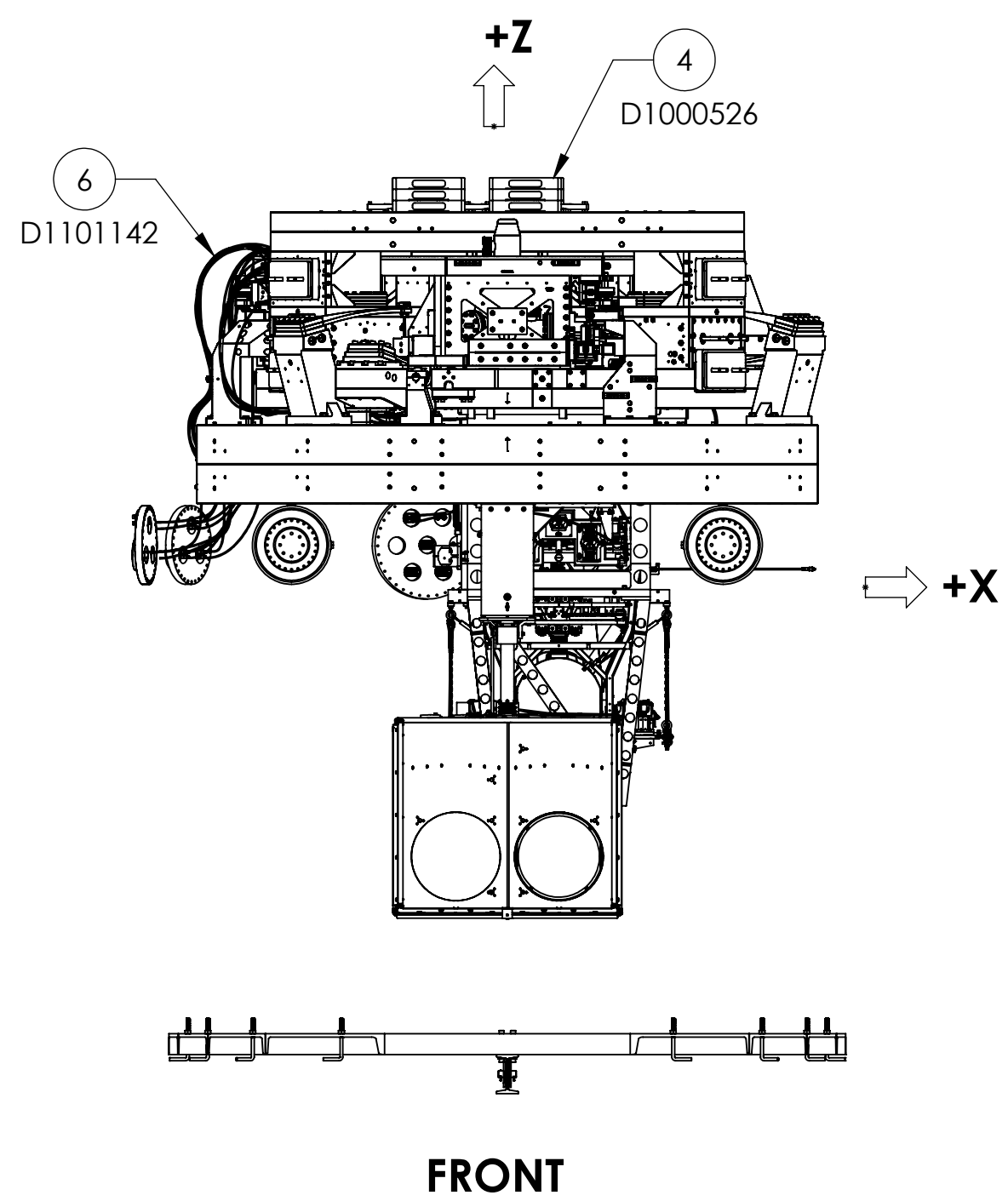
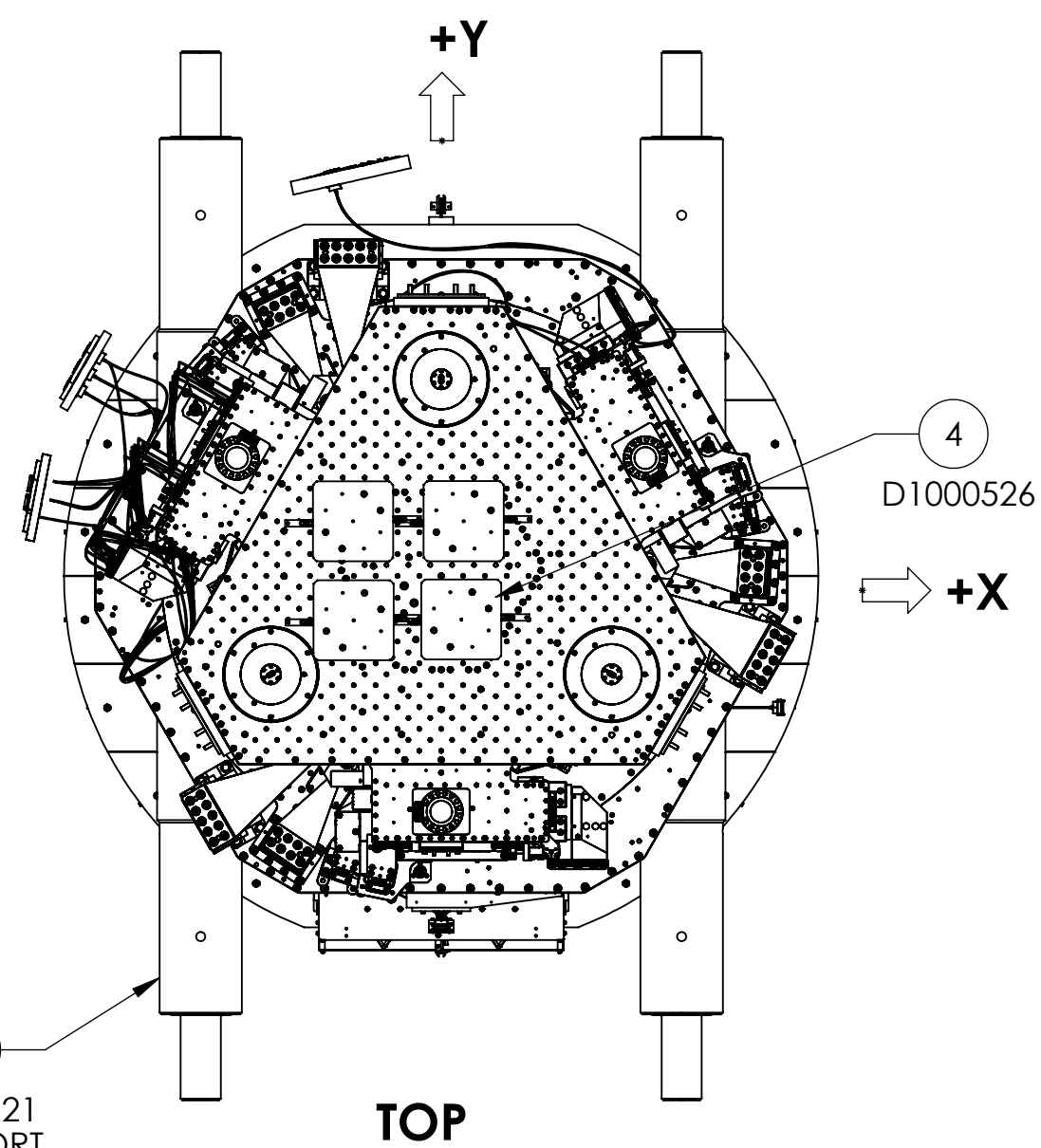
DIMENSIONS ARE IN		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
TOLERANCES: .XX ± .XXX ±		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
ANGULAR ± °		MATERIAL	FINISH
		--	-- μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SUS
NEXT ASSY		BSC6-H2 TOP LEVEL CHAMBER ASSEMBLY, FULLY DEFINED	

DESIGNER	ED CHAVEZ	25 SEP 2011	SIZE	DWG. NO.	REV.
DRAFTER	C.TORRIE	03 OCT 2011	D	D0900512	v10
CHECKER	SEE DCC		SCALE: 1:24	PROJECTION:	SHEET 1 OF 3

D0900512\_Ash/LIGO Systems: BSC6-H2 Top Level Chamber Assembly, All Part PDM REV-X: 103, DRAWING PDM REV: X-010





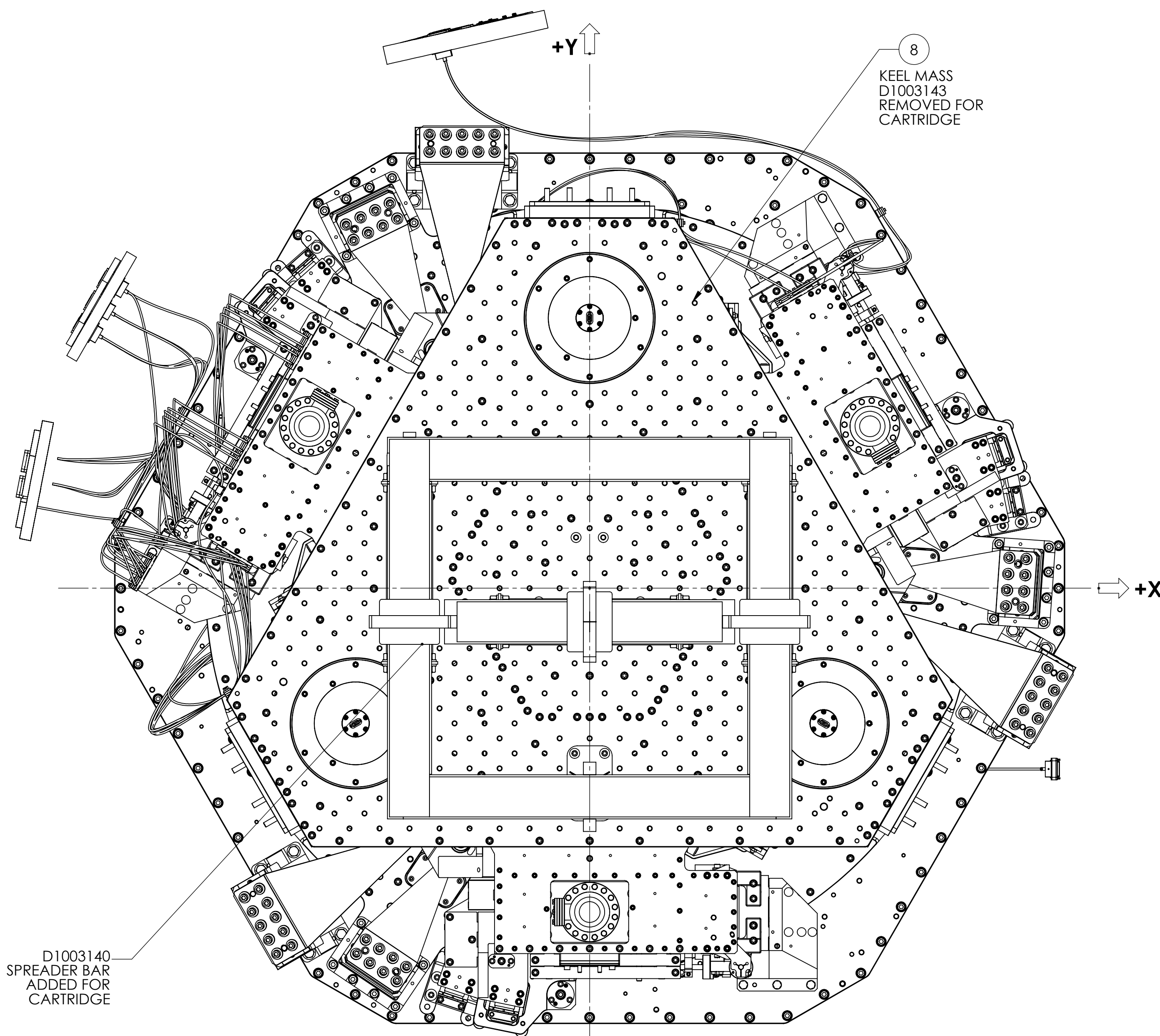
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
8	1	D1000513	HEPI ASSEMBLY, BSC aLIGO
7	1	D0900513	AdvLIGO Systems BSC6-H2, Vacuum Equipment Assembly
6	1	D1101478	ALIGO, CABLE HARNESS ROUTING, BSC-6
5	1	D1001921	AdvLIGO BSC6-H2, XYZ Local CS for SLC Arm Cavity Baffle
4	1	D1000897	AdvLIGO BSC6-H2 ISI Table, Balance Masses Assembly
3	1	D0900419	AdvLIGO SUS BSC6-H2, XYZ Local CSm for ETM Tel Assy
2	1	D0900515	AdvLIGO SUS BSC6-H2, XYZ Local CS for ETMY
1	1	D0900514	AdvLIGO SEI BSC6-H2, XYZ Local CS for ISI Table

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

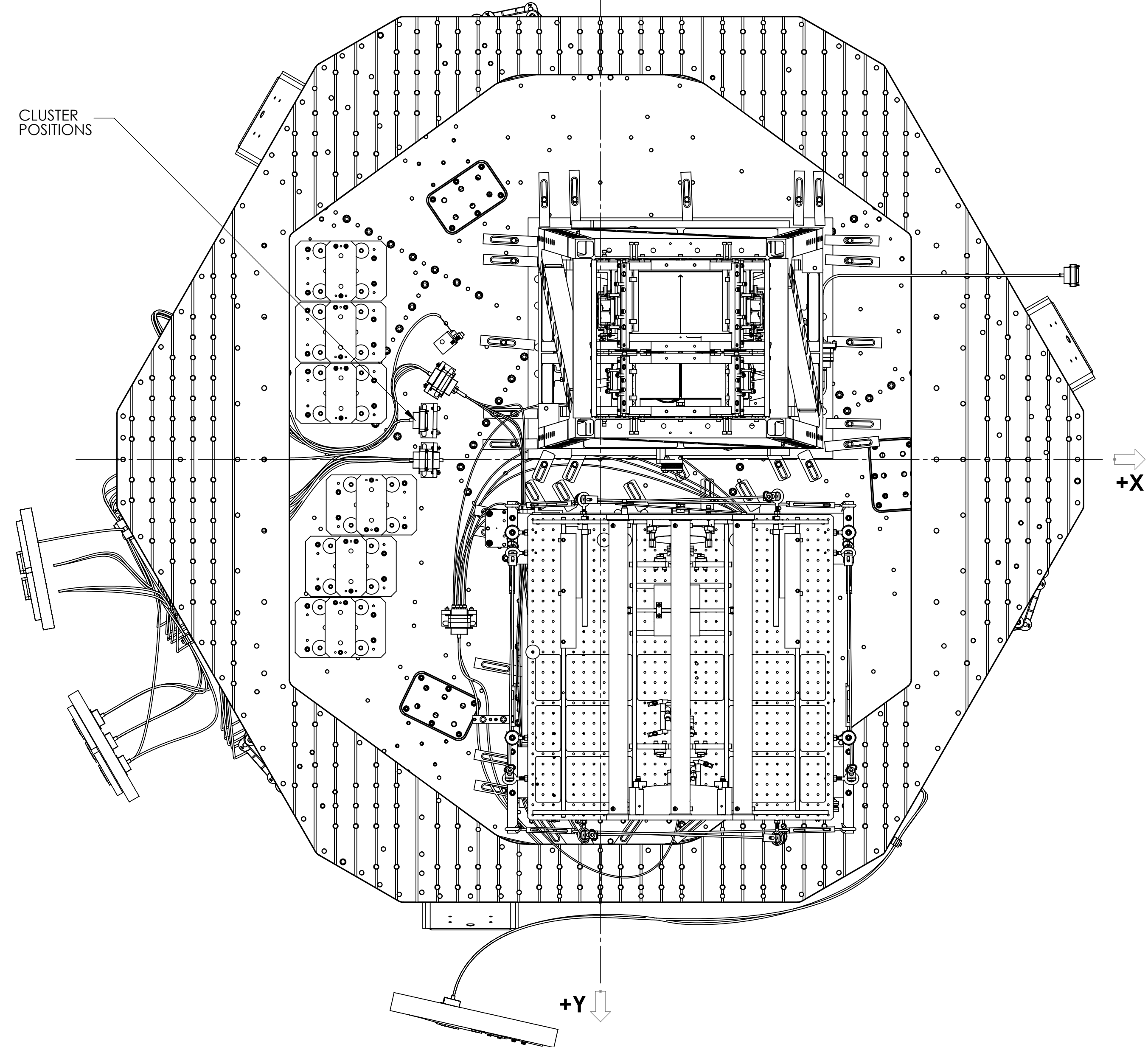
SIZE DWG. NO. **D0900512** REV. **v10**

SCALE: 1:25 PROJECTION: SHEET 2 OF 3

D:\0900517\_Ask\1\G0 Systems\BSC6-H2 Top Level Chamber Assembly\_Alt PART PDM REV-X-103\_DRAWING PDM REV-X-010



**TOP VIEW**  
(Looking Down)



**BOTTOM VIEW**  
(Looking Up)

D0900512\_Ash/LIGO Systems\_BSC-412 Top Level Chamber Assembly, All Part PDM REV-X-103, DRAWING PDM REV: X-010