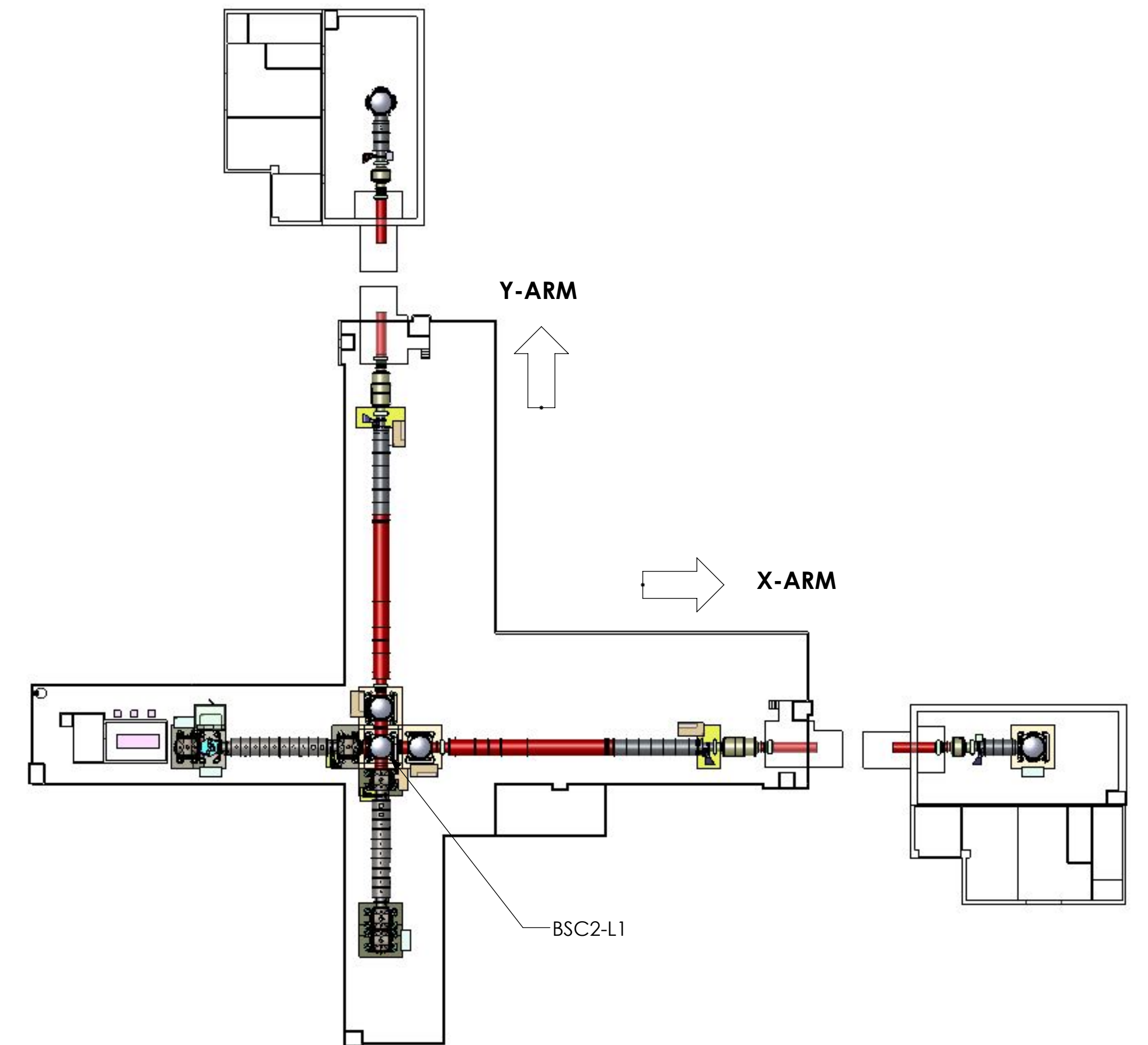
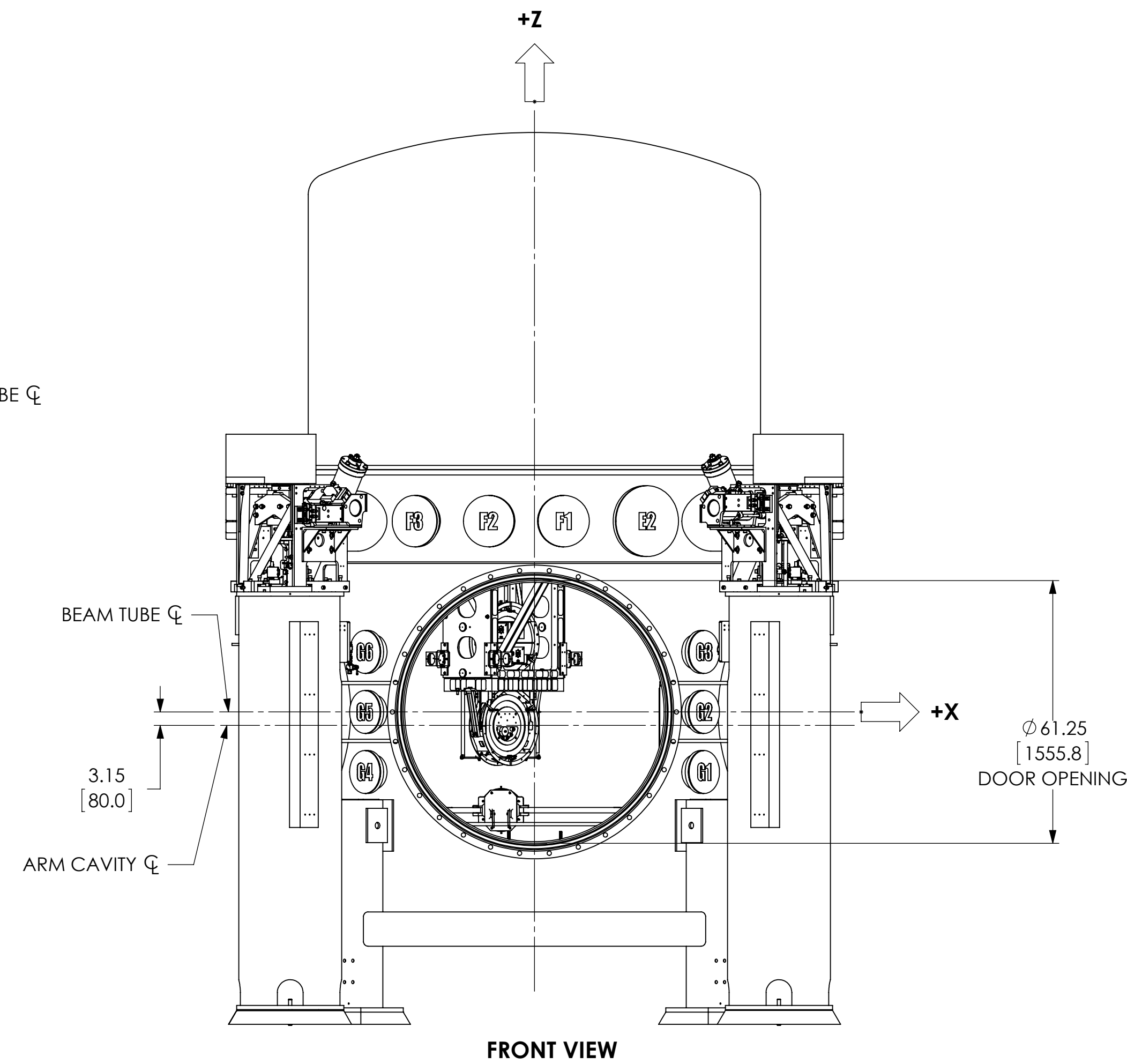
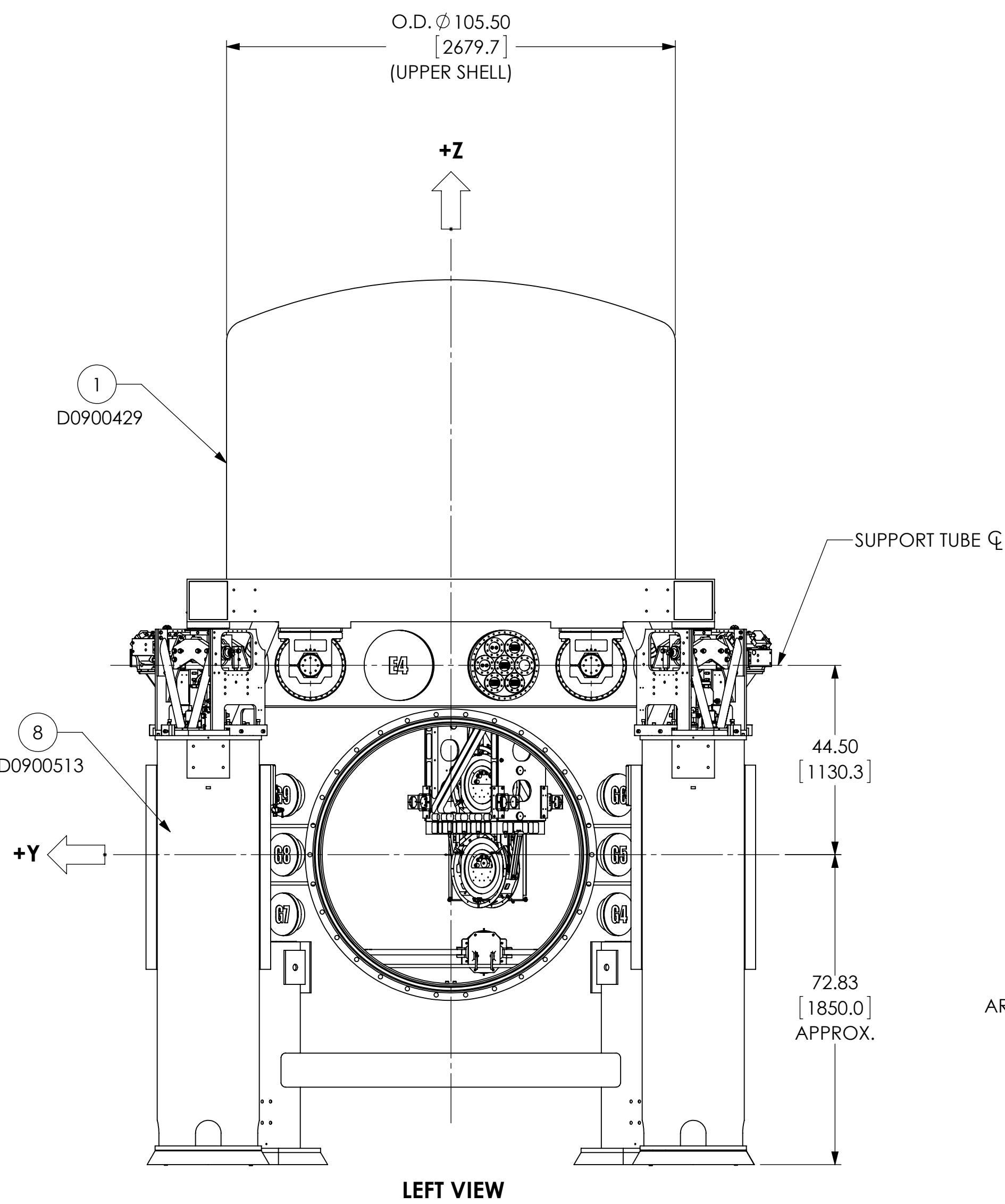
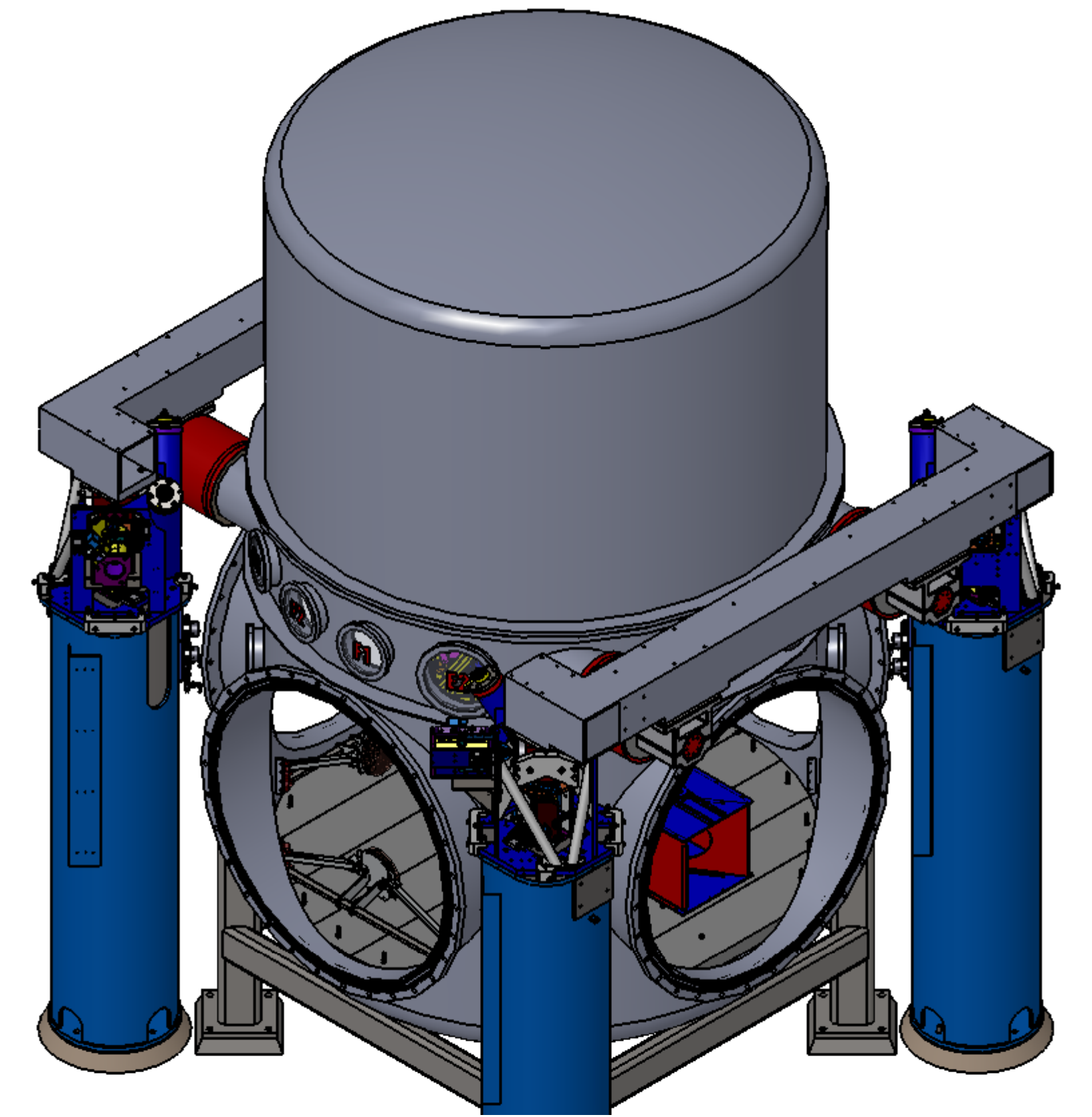
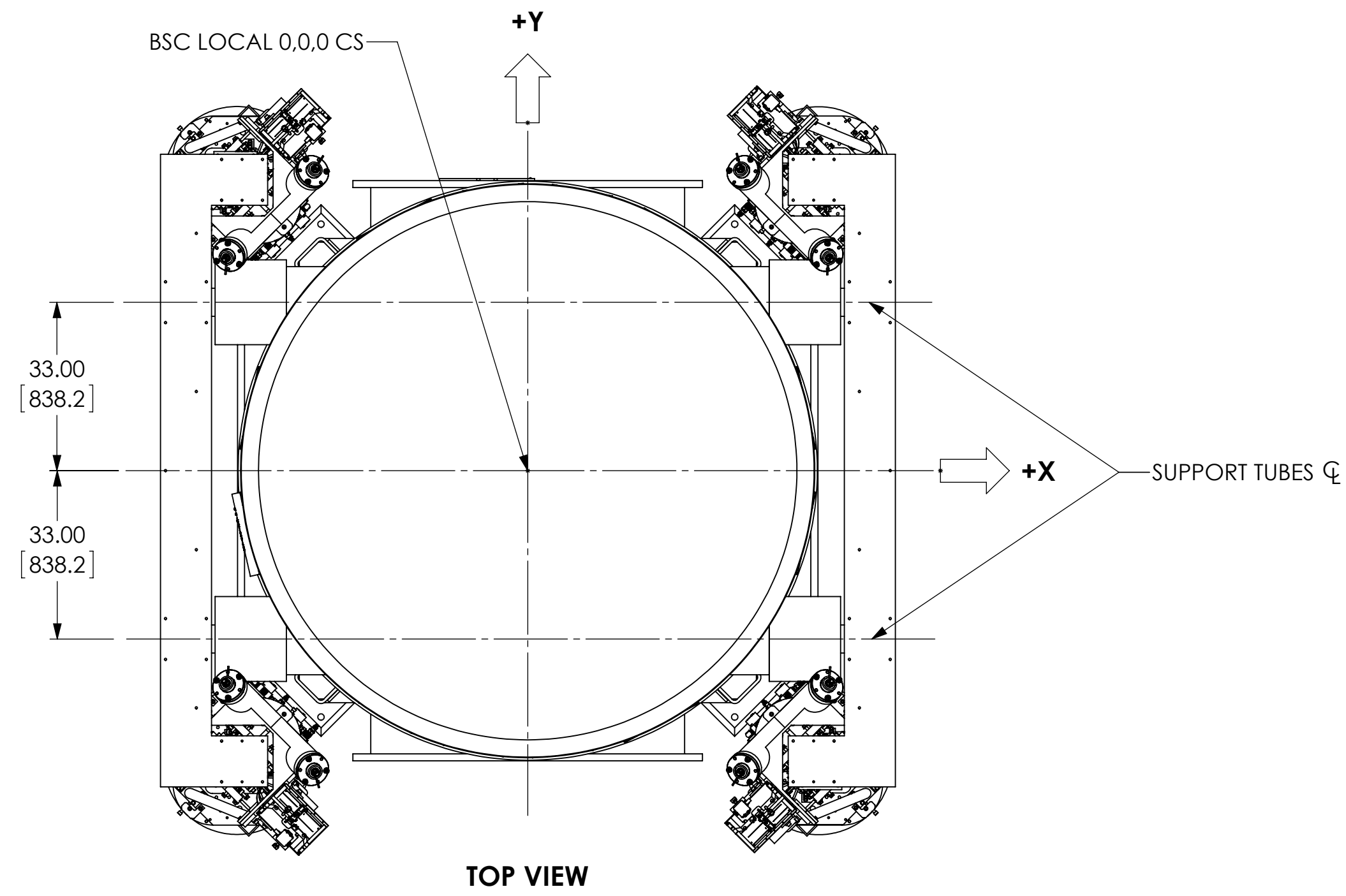


- REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION.
- REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION.



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

- INTERPRET DRAWING PER ASME Y14.5-1994.
 - REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
 - DO NOT SCALE FROM DRAWING.
 - ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.
- DIMENSIONS ARE IN INCHES [MM]
- TOLERANCES:
 .XX ± .01
 .XXX ± .005
- ANGULAR ± 0.5°

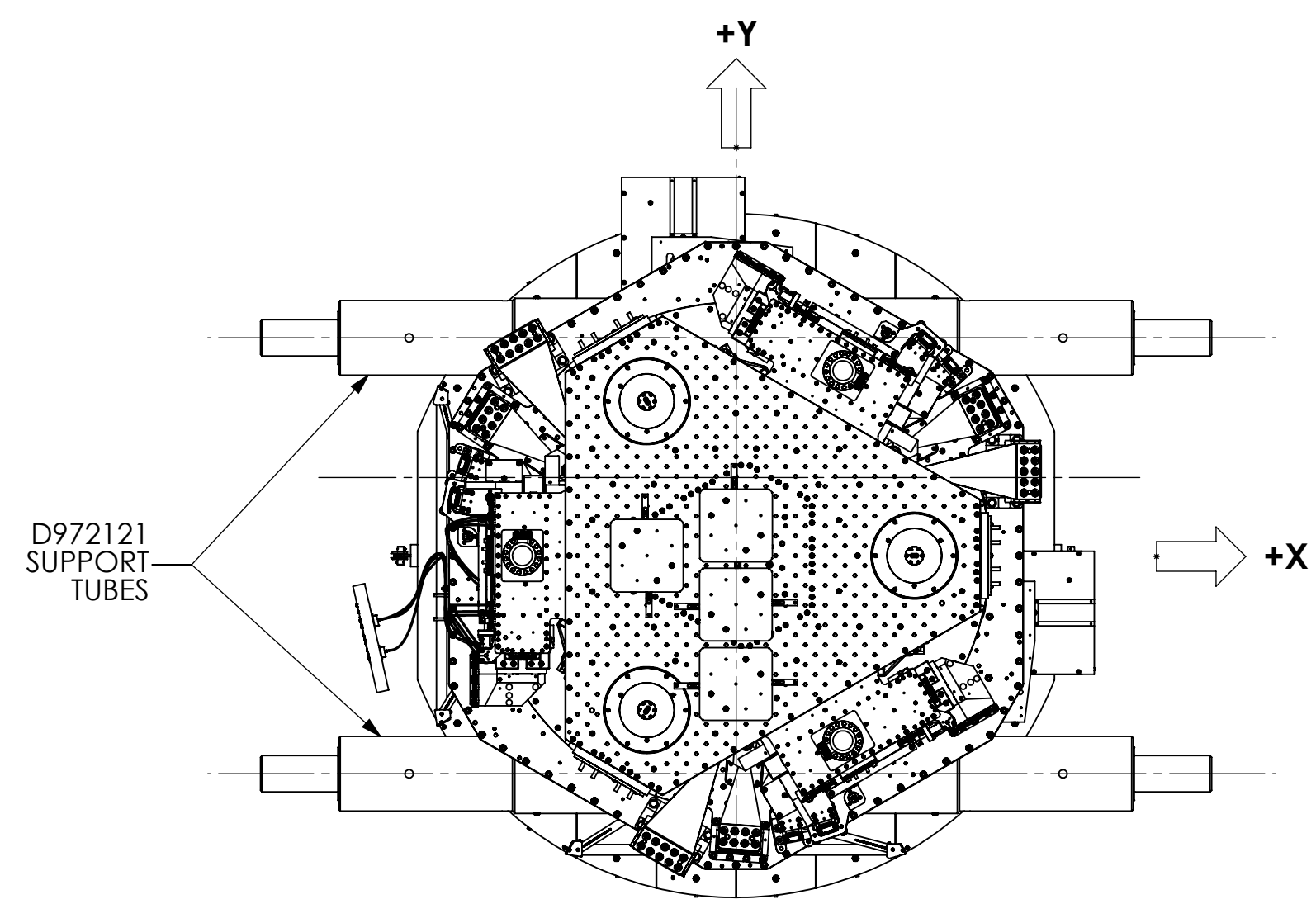
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SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS

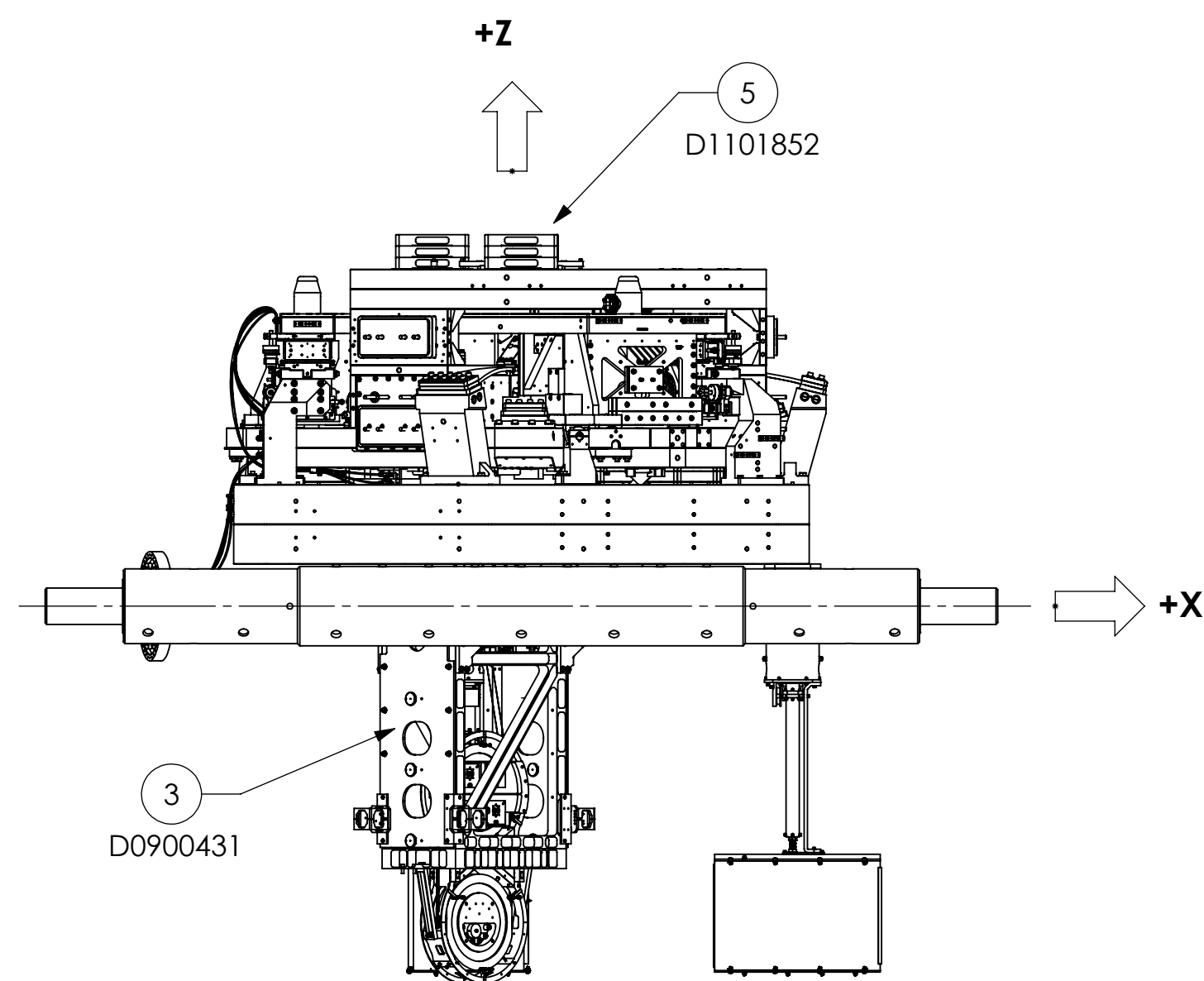
MATERIAL: -- FINISH: -- μ inch

PART NAME		BSC2-L1 TOP LEVEL CHAMBER ASSEMBLY, FULLY DEFINED	
DESIGNER	CHECKER	SIZE	DWG. NO.
		D	D0900428
APPROVAL		SCALE: 1:24	PROJECTION:
REV.	SHEET 1 OF 3		v5

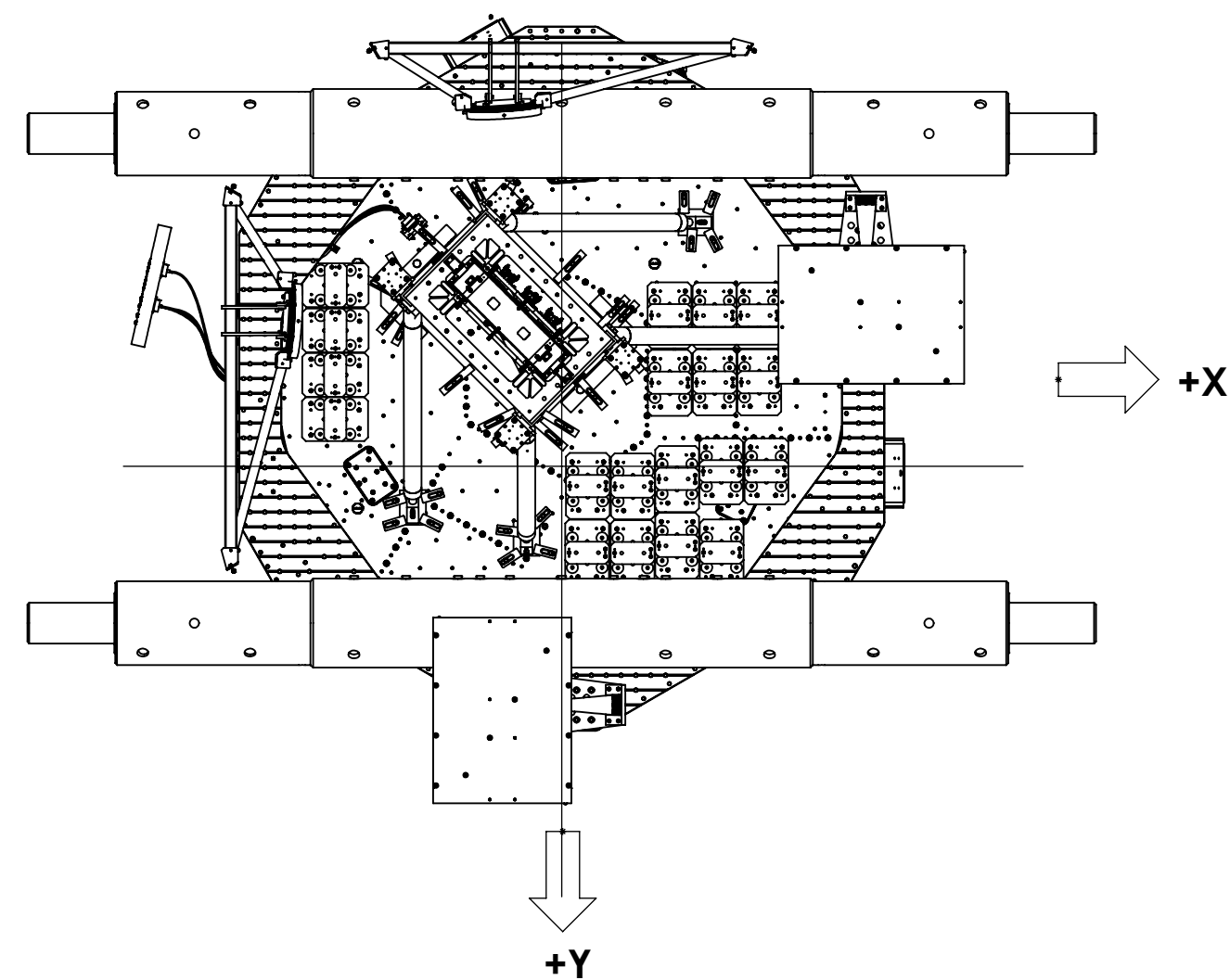
D0900428 Asst LIGO Systems: BSC2-L1 Top Level Chamber Assembly: PART PDM REV: X.037: DRAWING PDM REV: X.005



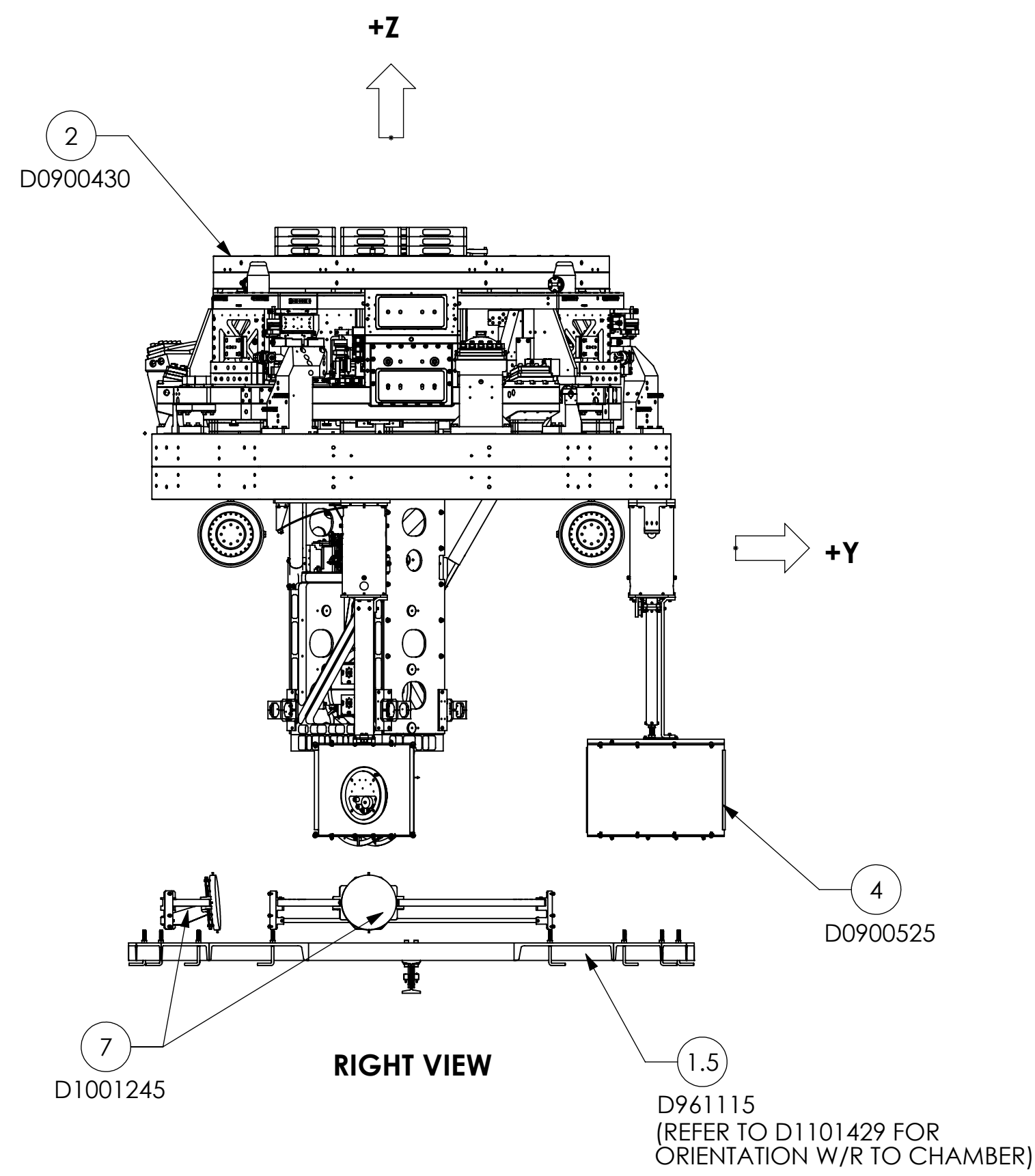
TOP VIEW



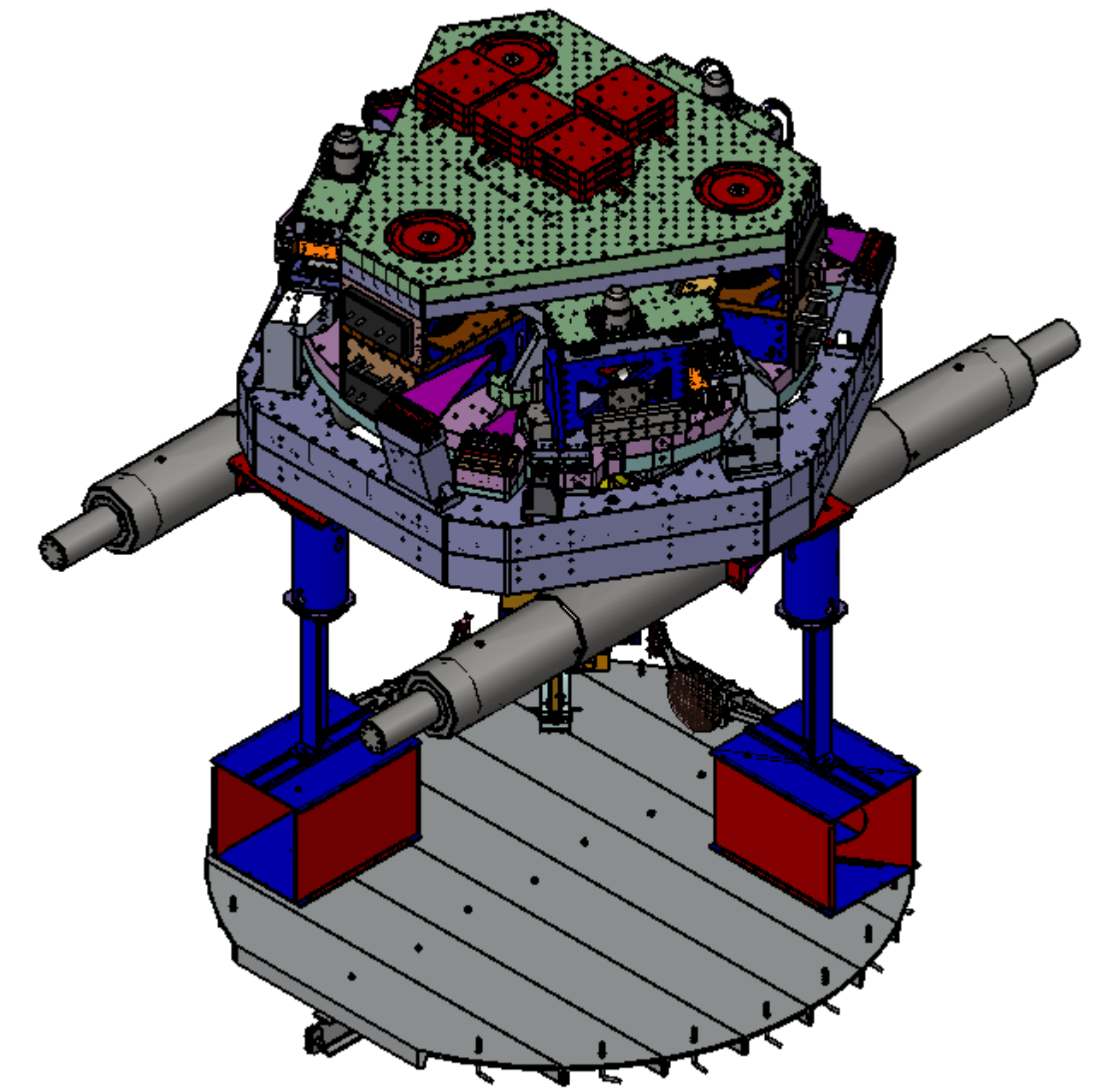
FRONT VIEW



BOTTOM VIEW



RIGHT VIEW



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
8	D1000513	HEPI ASSEMBLY, BSC aLIGO	1
7	D1001245	AdvLIGO SUS, BSC2-H1 Local CS for CO2 ITM Steering Mirror	1
6	D1200060	ALIGO, CABLE HARNESS ROUTING, BSC-2	1
5	D1101852	AdvLIGO BSC2-L1 ISI Table, Payload & Suspended Masses Assy	1
4	D0900525	AdvLIGO SUS BSC2-L1, XYZ Local CS for Elliptical Baffle (ITMX,ITMY)	1
3	D0900431	AdvLIGO SUS BSC2-L1, XYZ Local CS for BS HR	1
2	D0900430	AdvLIGO SEI BSC2-L1, XYZ Local CS for ISI Table	1
1	D0900429	AdvLIGO VE BSC2-L1, Vacuum Equipment Assembly	1

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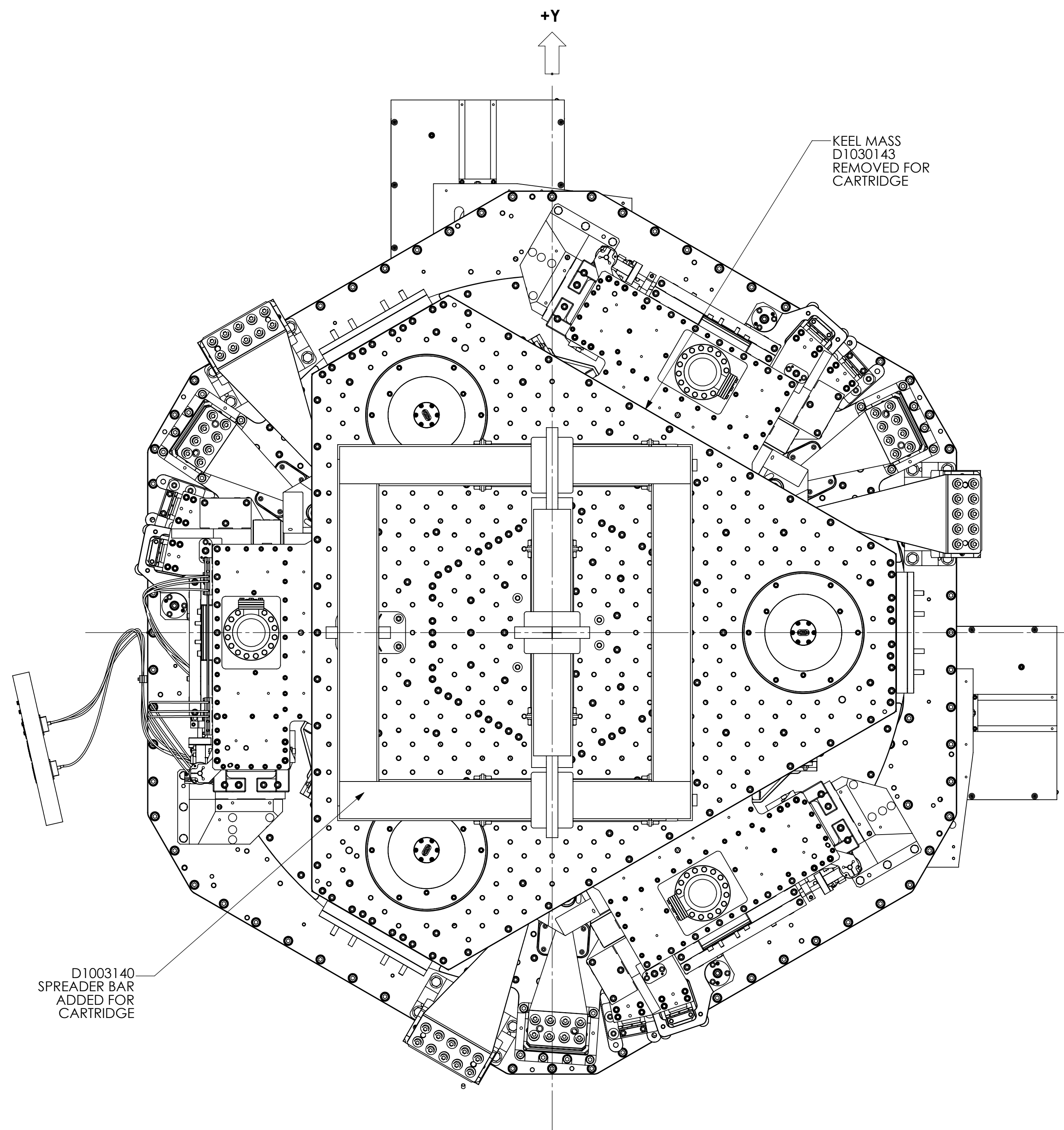
SIZE DWG. NO. REV.
D **D0900428** **v5**

SCALE: 1:24 PROJECTION: SHEET 2 OF 3

D0900428 AdvLIGO Systems, BSC2-L1 Top Level Chamber Assembly, PART PDM REV: X.057, DRAWING PDM REV: X.005

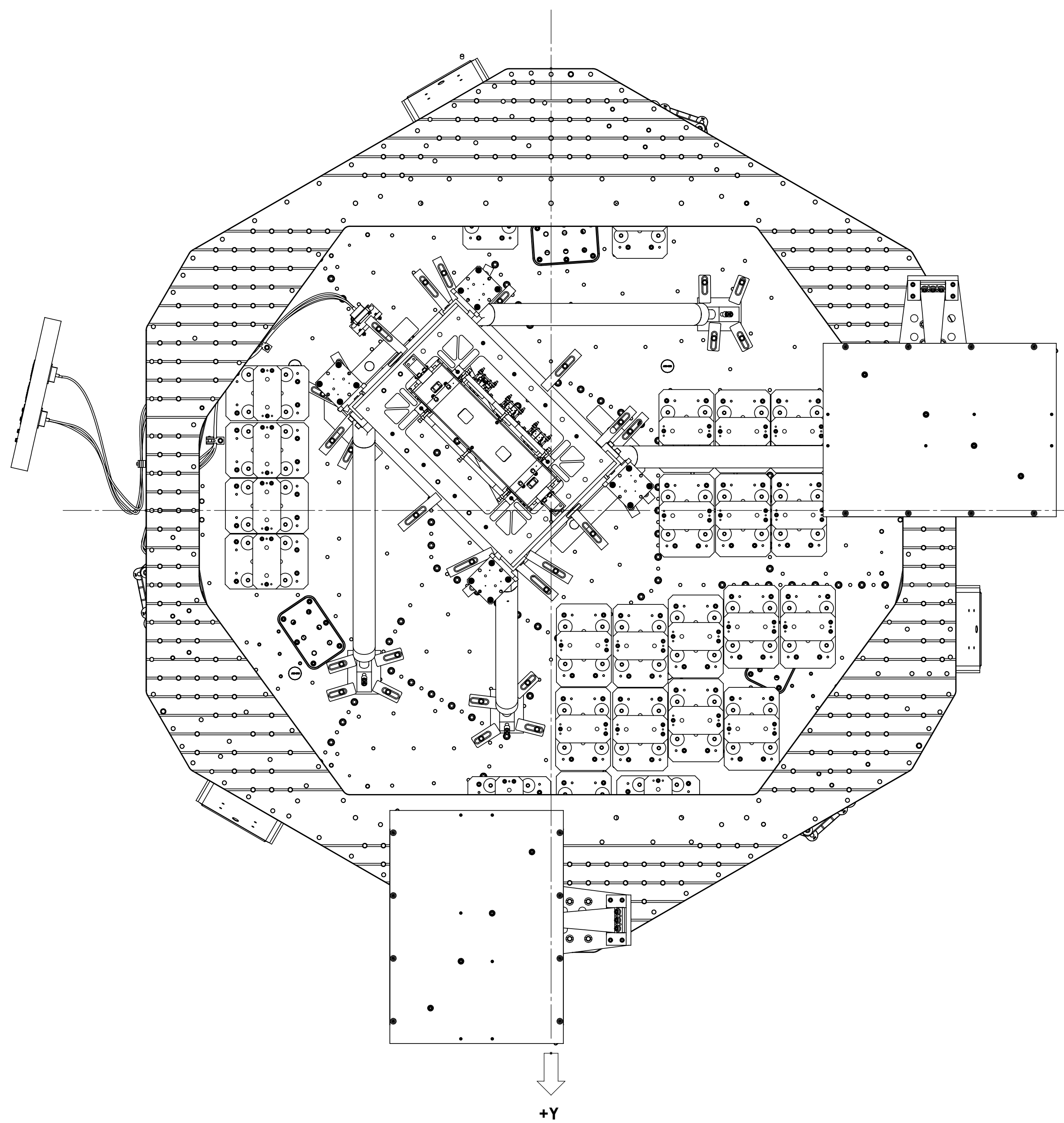
8 7 6 5 4 3 2 1

H G F E D C B A



TOP VIEW
(LOOKING DOWN)
CARTRIDGE ASSY.
CONFIGURATION
(KEEL MASS REMOVED)

+X



BOTTOM VIEW
(LOOKING UP)

+X

+Y

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SIZE	DWG. NO.	REV.
D	D0900428	v5
SCALE: 1:8	PROJECTION:	SHEET 3 OF 3

8 7 6 5 4 3 2 1

H G F E D C B A

D0900428 Asst LIGO Systems, BSC211 Top Level Chamber Assembly, PART PDM REV: X.037, DRAWING PDM REV: X.005