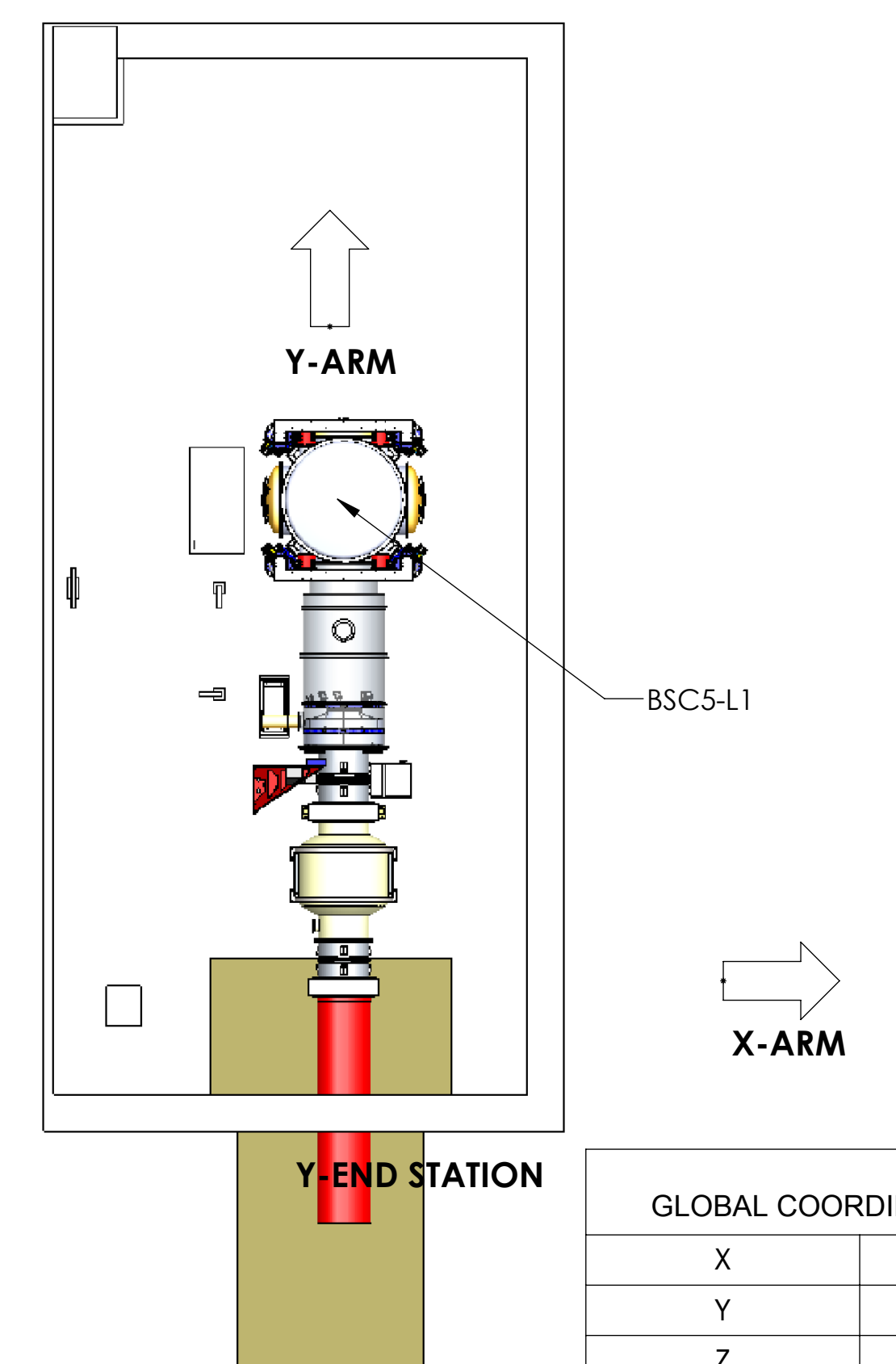
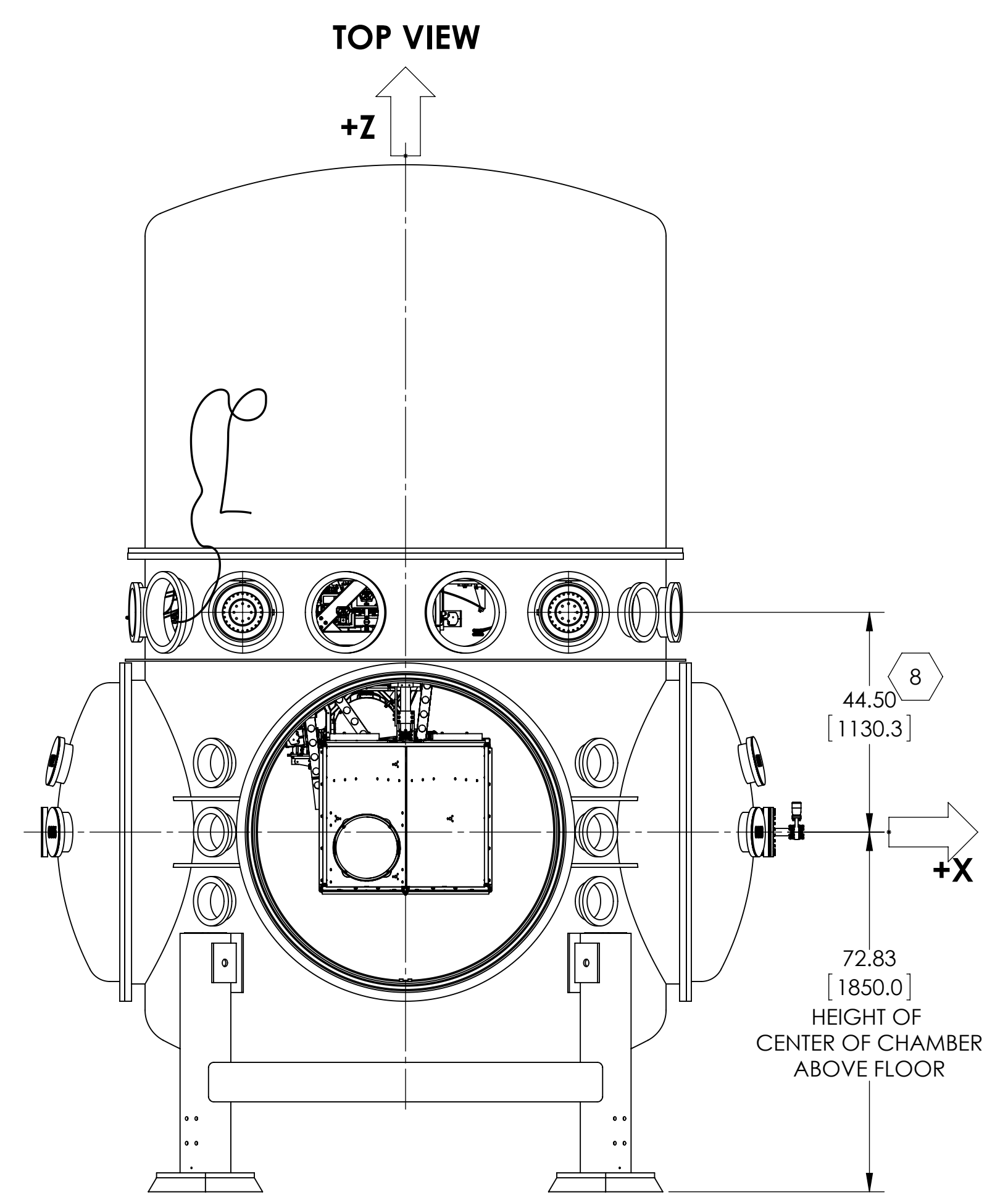
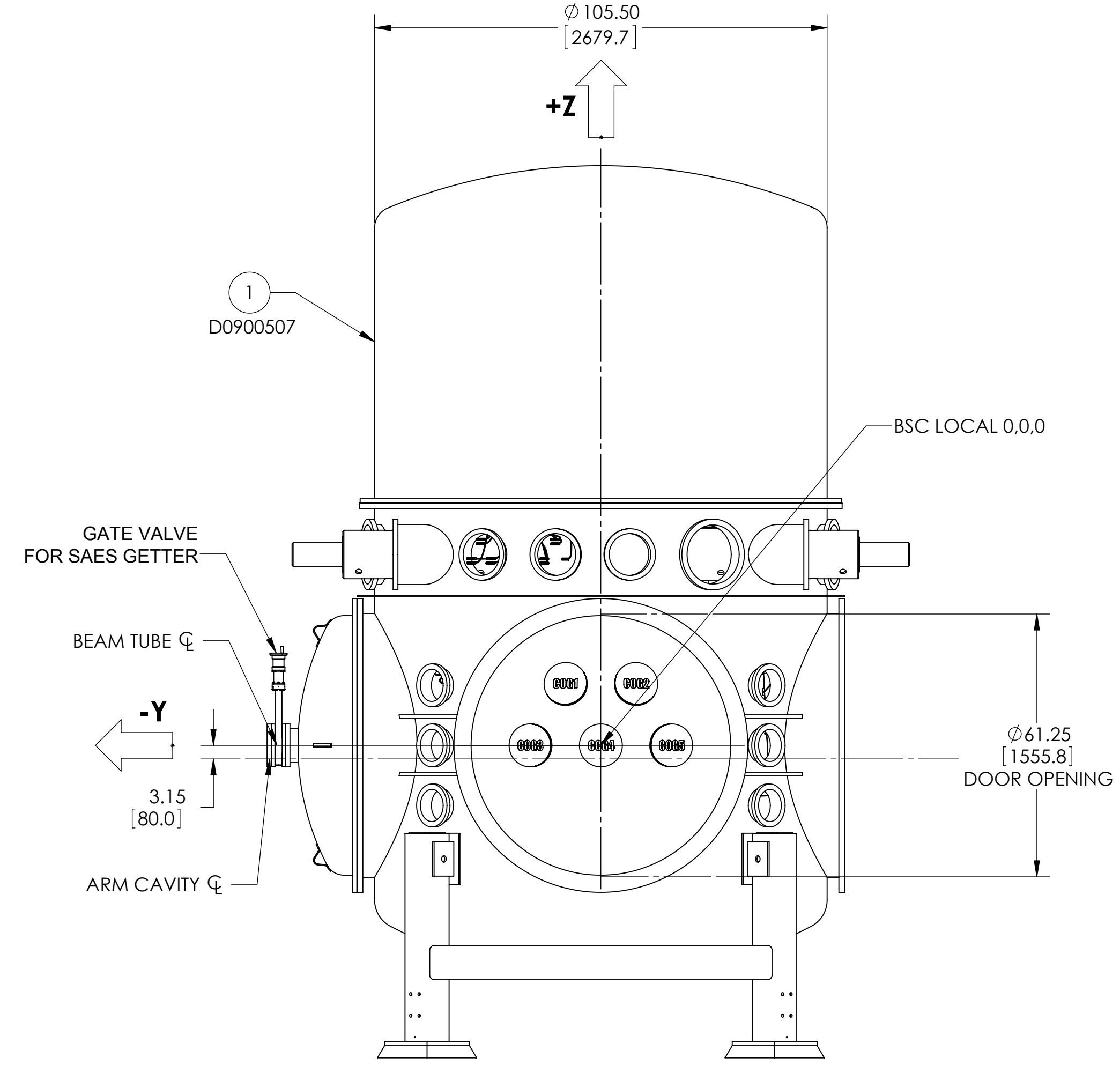
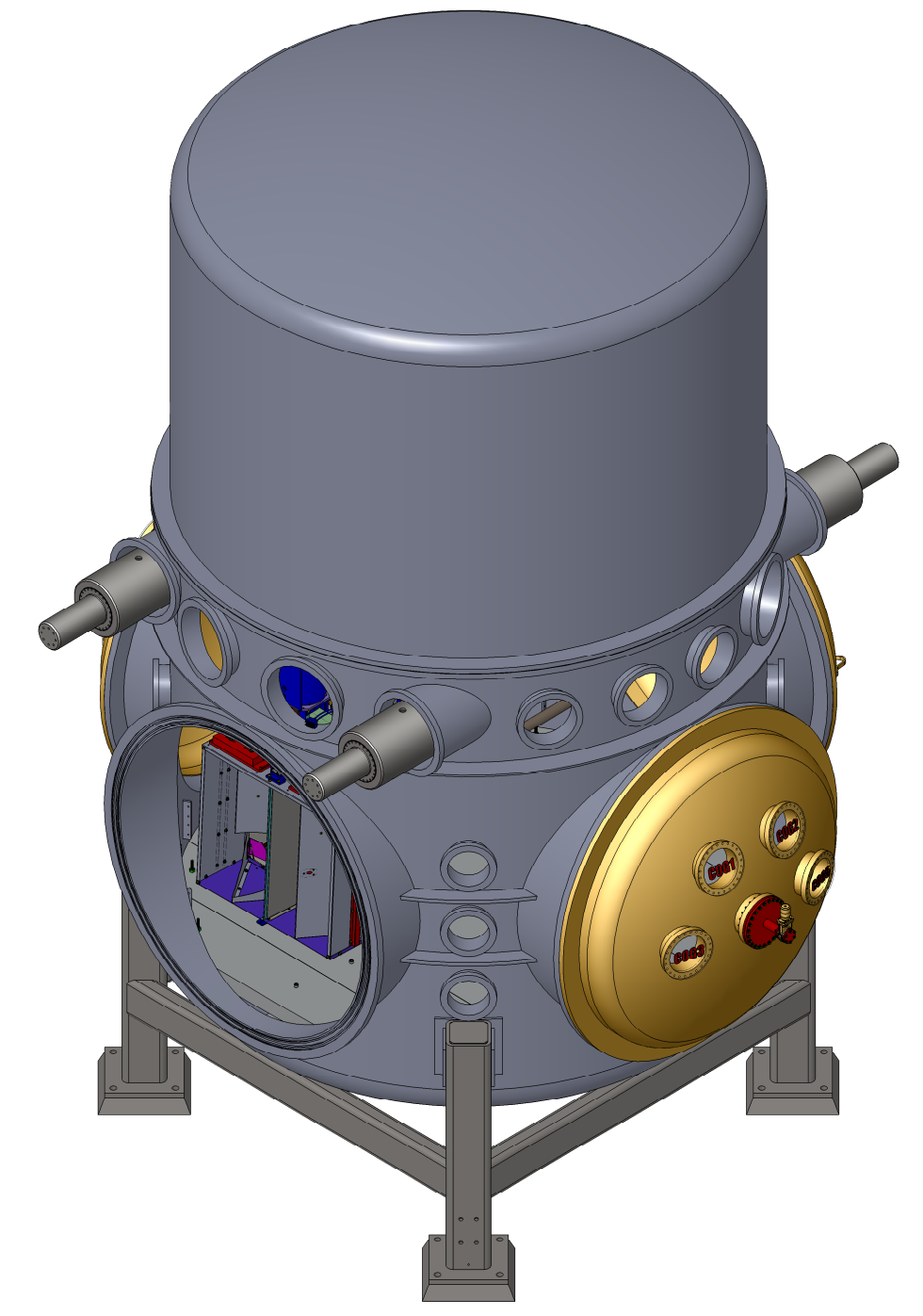
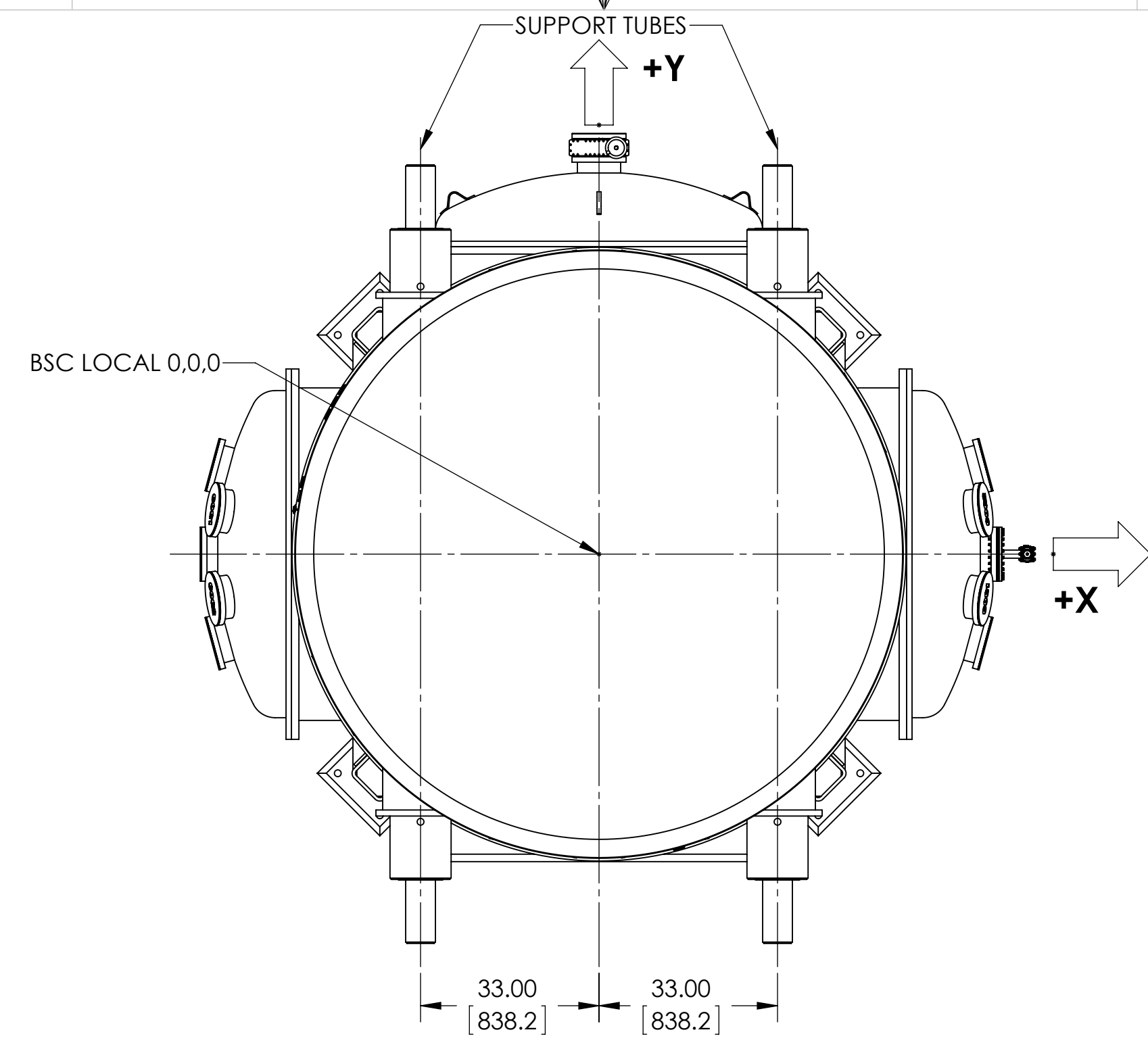


- 5. REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION
- 6. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION
- 7. REFER TO T1100292 FOR VIEW PORT DEFINITION
- 8. REFER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBES END.

REV.	DATE	DCN #	DRAWING TREE #
v5	18 APR 2013		
v6	15 JUL 2015	E1500290-x0C2	



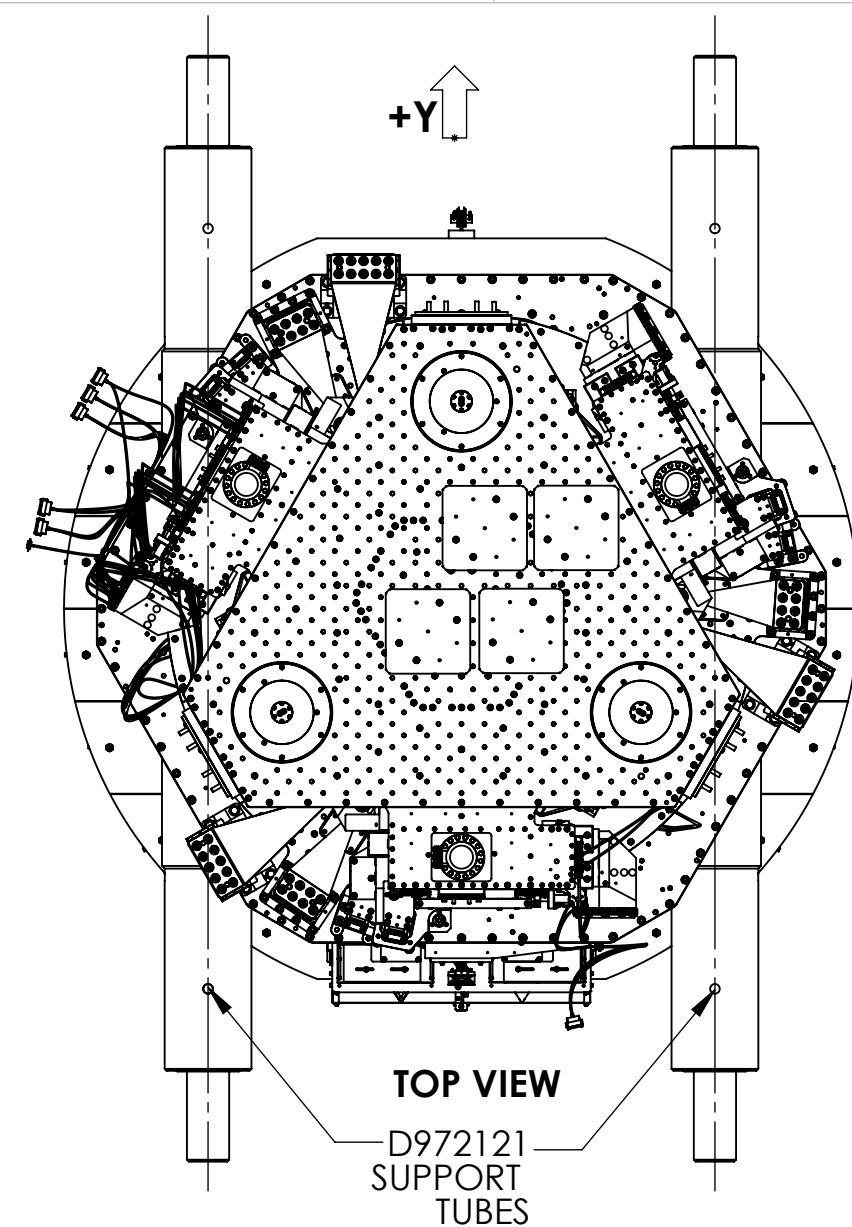
GLOBAL COORDINATES (mm)	
X	0.0
Y	4000000.0
Z	0.0

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.	
DIMENSIONS ARE IN INCHES [MM]	
TOLERANCES:	
.XX ± .01	
.XXX ± .005	
ANGULAR ± 0.5°	
MATERIAL	FINISH
--	-- μ inch

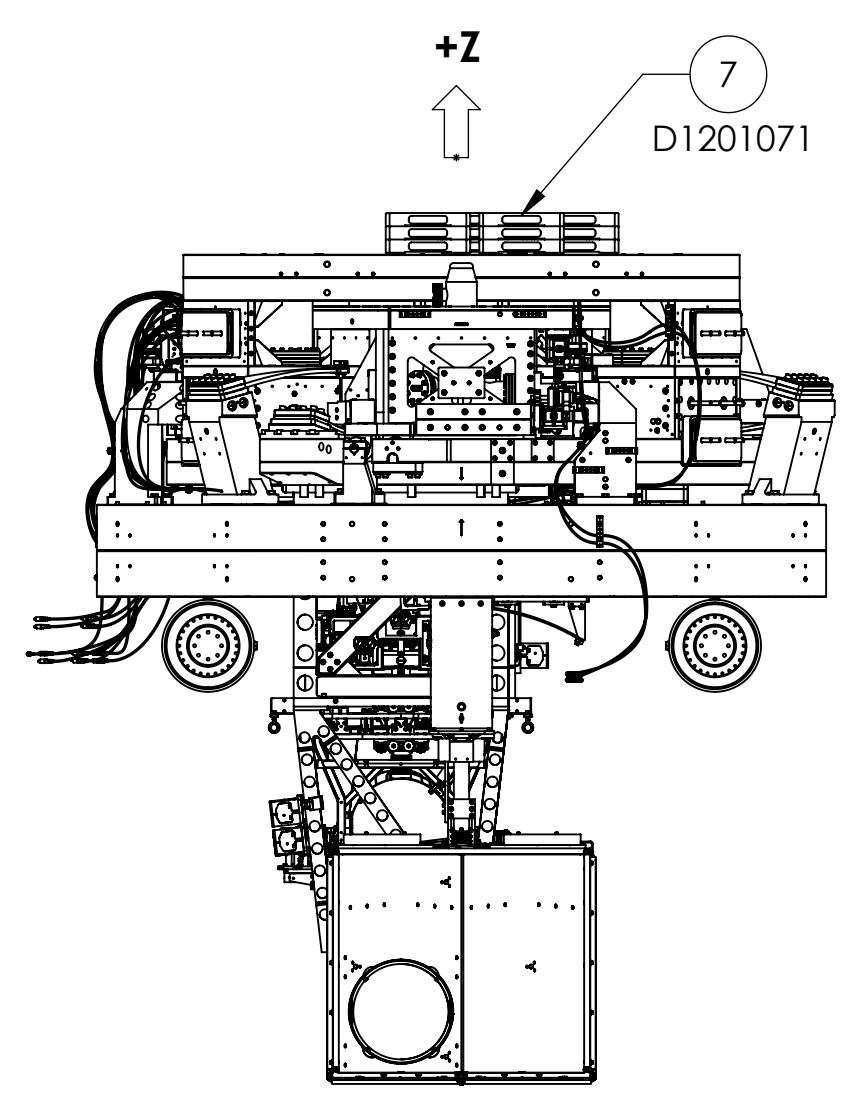
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	SUS
NEXT ASSY	

PART NAME		AdvLIGO Systems BSC5-L1, Top Level Chamber Assembly	
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	N. CUSTARD	25 JAN 2012	D
CHECKER			D0900506
APPROVAL		SCALE: 1:24	PROJECTION:
			SHEET 1 OF 3

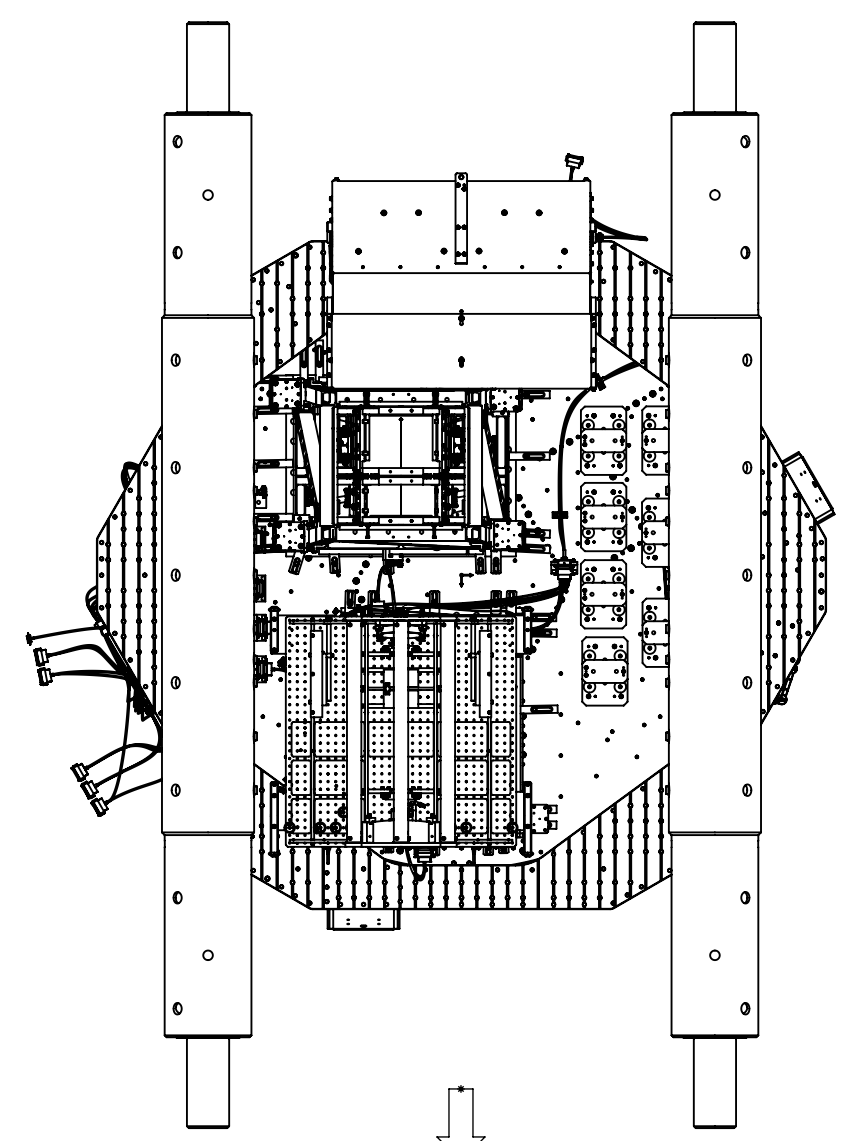
D0900506-AdvLIGO Systems: BSC5-L1 Top Level Chamber Assembly: PART PDM REV: X.032: DRAWING PDM REV: X.001



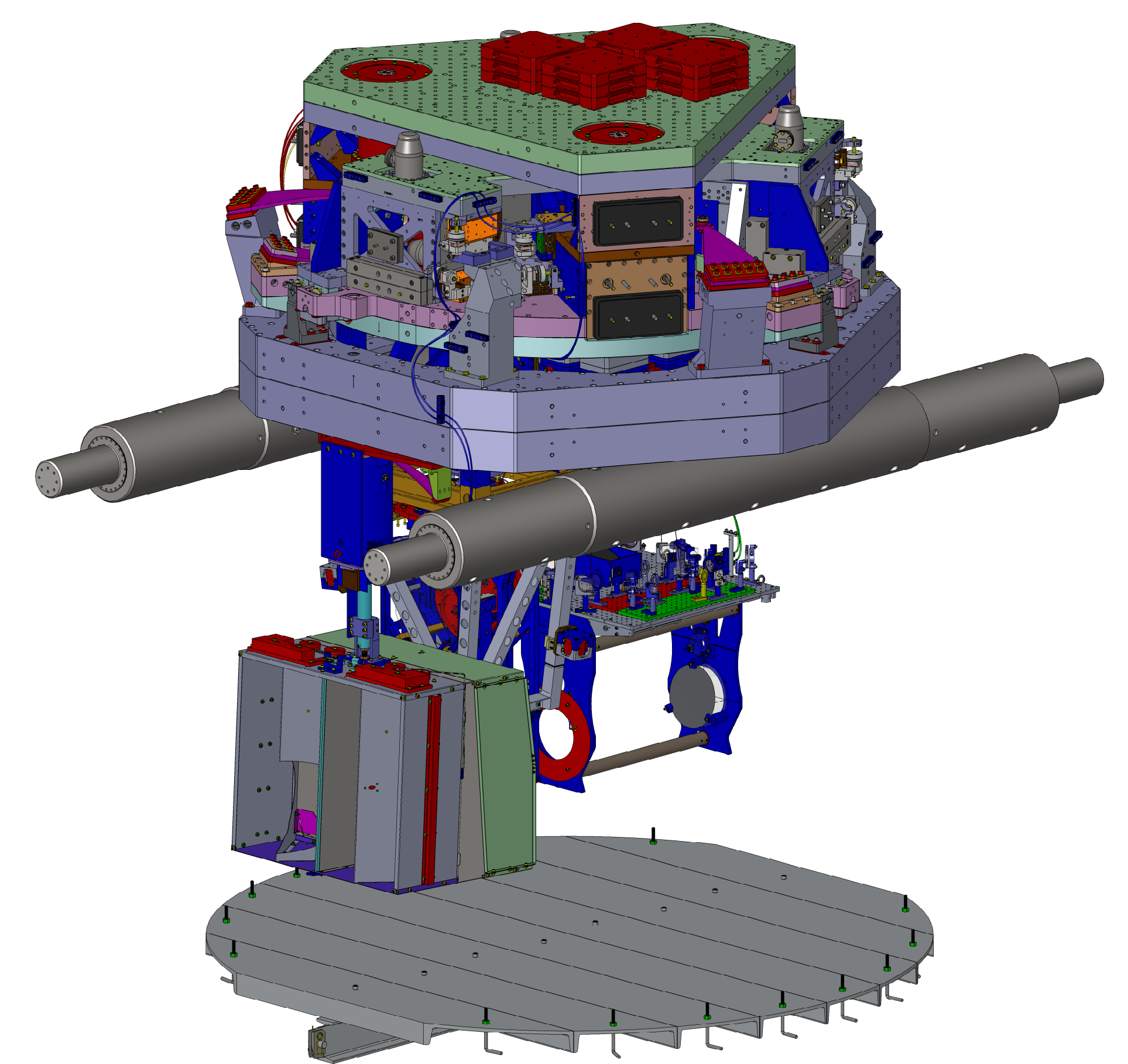
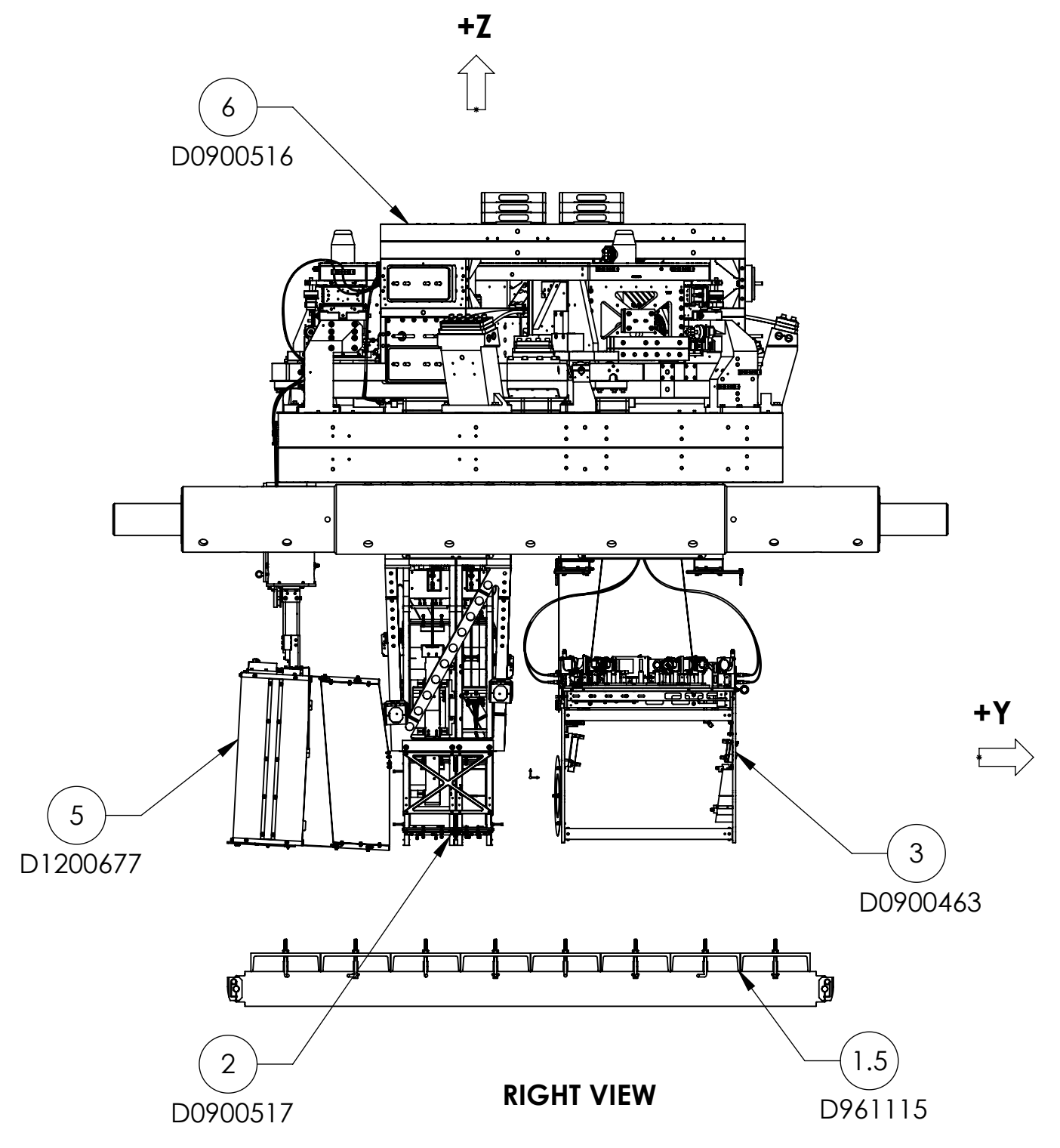
+X



+X



+X



ITEM NO.	PART NUMBER	DESCRIPTION	Full Compl ete/QT Y.
7	D1200111	aLIGO, CABLE HARNESS ROUTING, BSC5 L1 / BSC10 H1	1
6	D1201071	AdvLIGO BSC5-L1 ISI Table, Balance, Ballast & Trim Mass Assy	1
5	D1200677	AdvLIGO SUS BSC5-L1, XYZ Local CS for SLC Arm Cavity Baffle	1
4	D0900516	AdvLIGO SEI BSC5-L1, XYZ Local CS for ISI Table	1
3	D0900436	AdvLIGO SUS BSC5-L1, XYZ Local CS for ETM Tel Assy	1
2	D0900517	AdvLIGO SUS BSC5-L1, XYZ Local CS for ETMY	1
1	D0900507	AdvLIGO Systems BSC5-L1, Vacuum Equipment Assembly	1

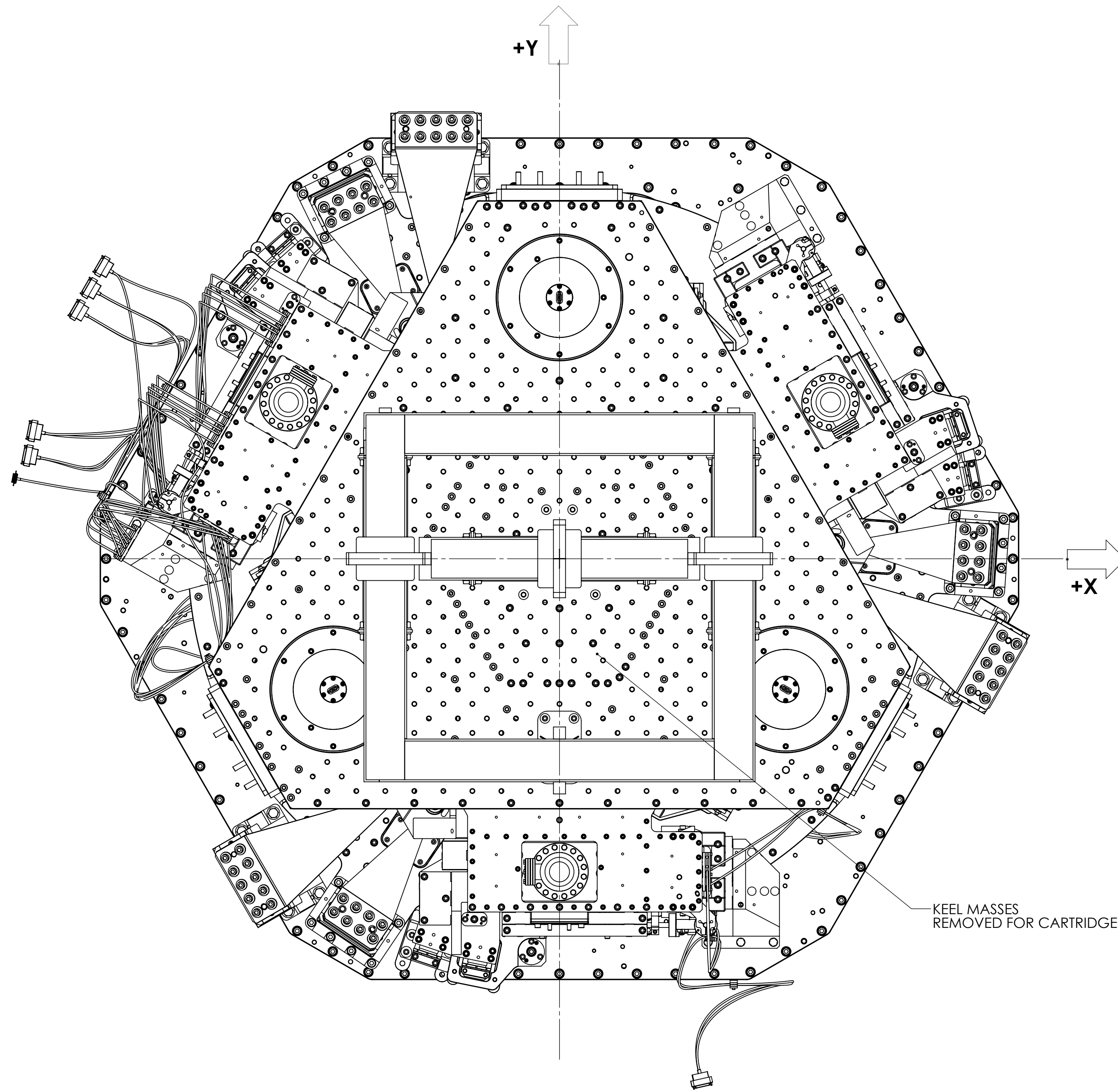
PARTS LIST

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. REV.
D D0900506 V6

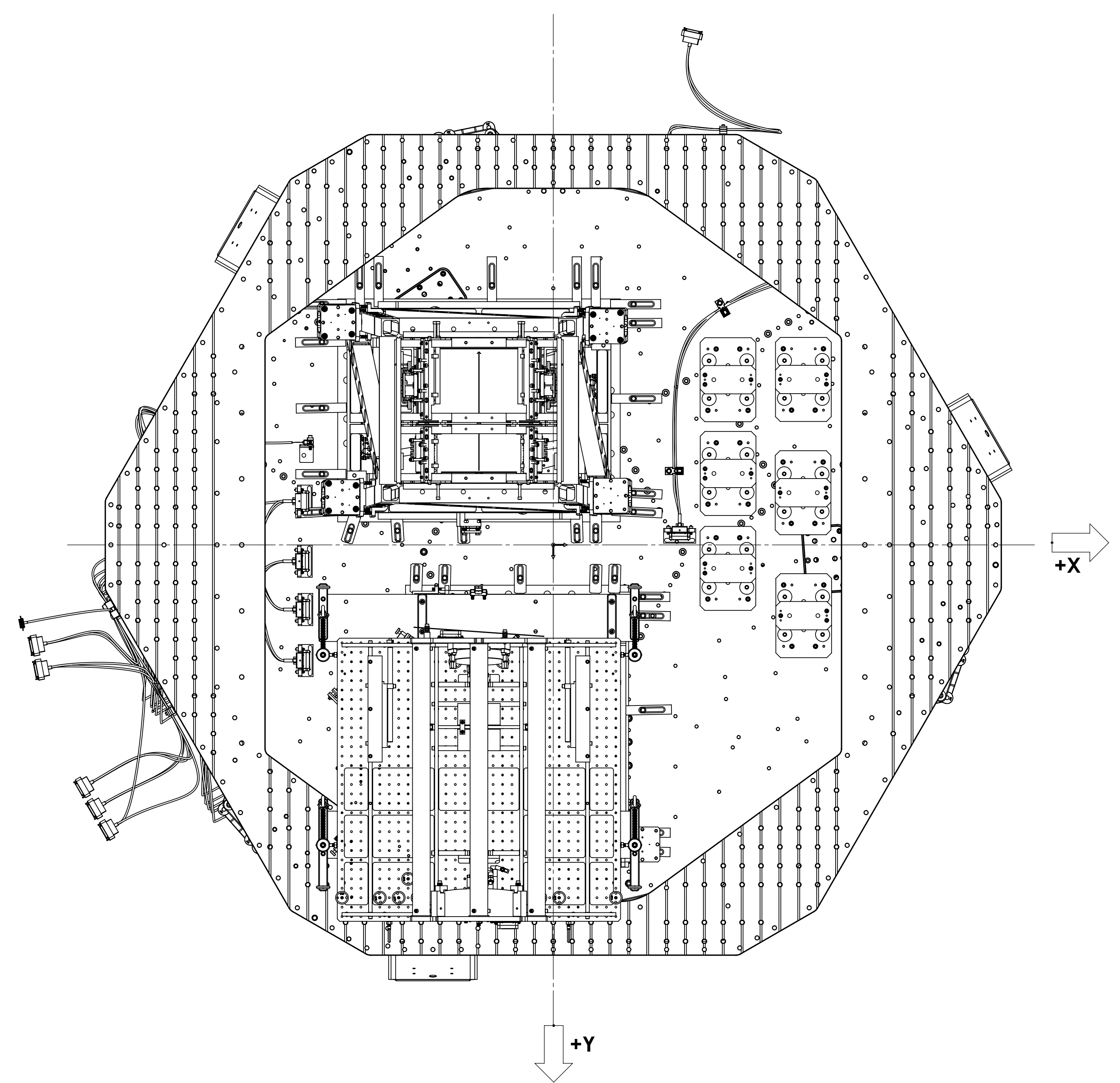
SCALE: 1:25 PROJECTION: SHEET 2 OF 3

D0900506 AdvLIGO Systems, BSC5-L1 Top Level Chamber Assembly, PART PDM REV: X.032, DRAWING PDM REV: X.001



KEEL MASSES
REMOVED FOR CARTRIDGE

**TOP VIEW
(LOOKING DOWN)
CARTRIDGE ASSEMBLY CONFIGURATION
(KEEL MASS REMOVED)**



**BOTTOM VIEW
(LOOKING UP)**

DDP00506-Adv-LIGO Systems: BSCS-11 Top Level Chamber Assembly: PART.PDM.REV: X-032: DRAWING.PDM.REV: X-001