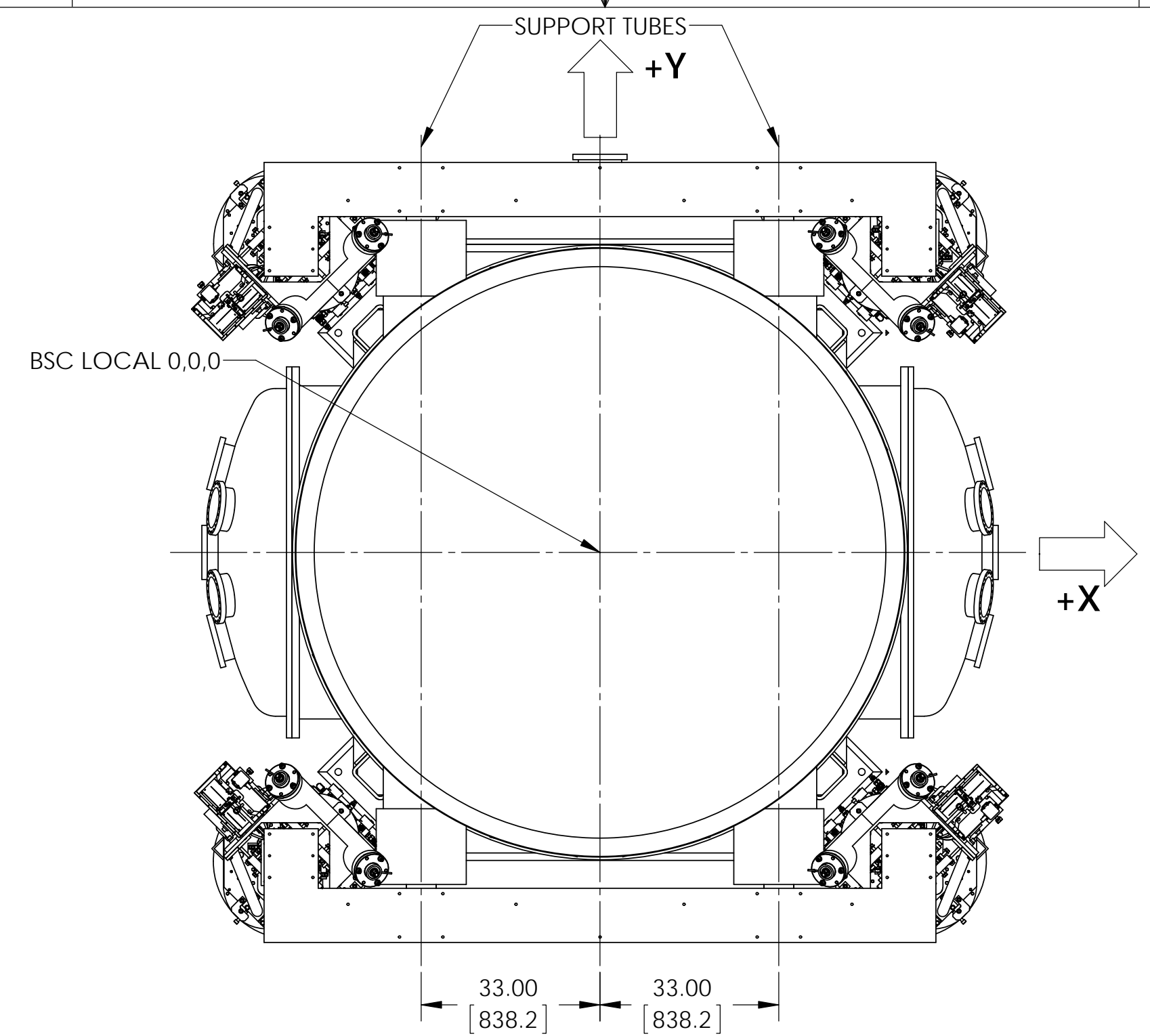
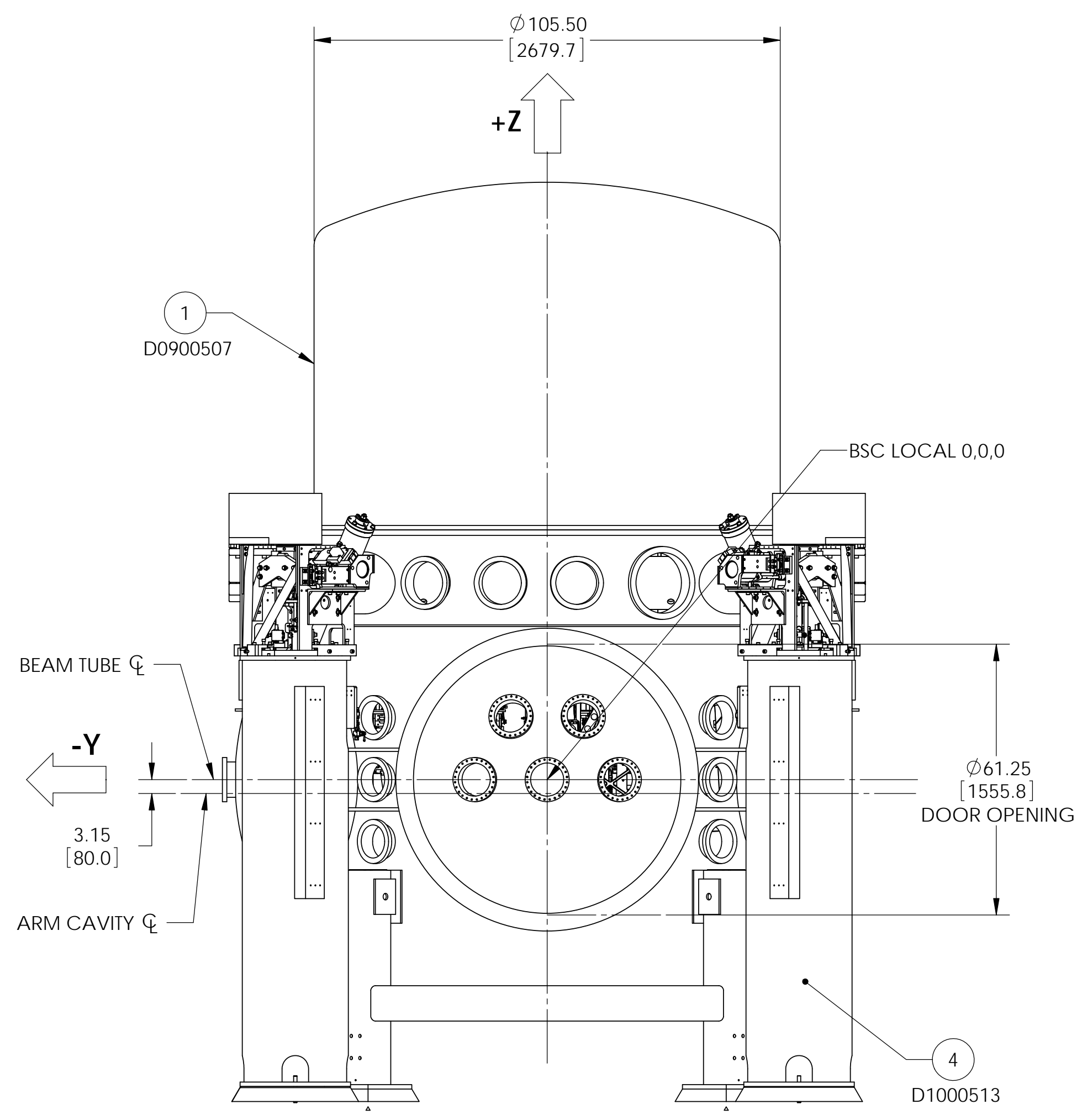
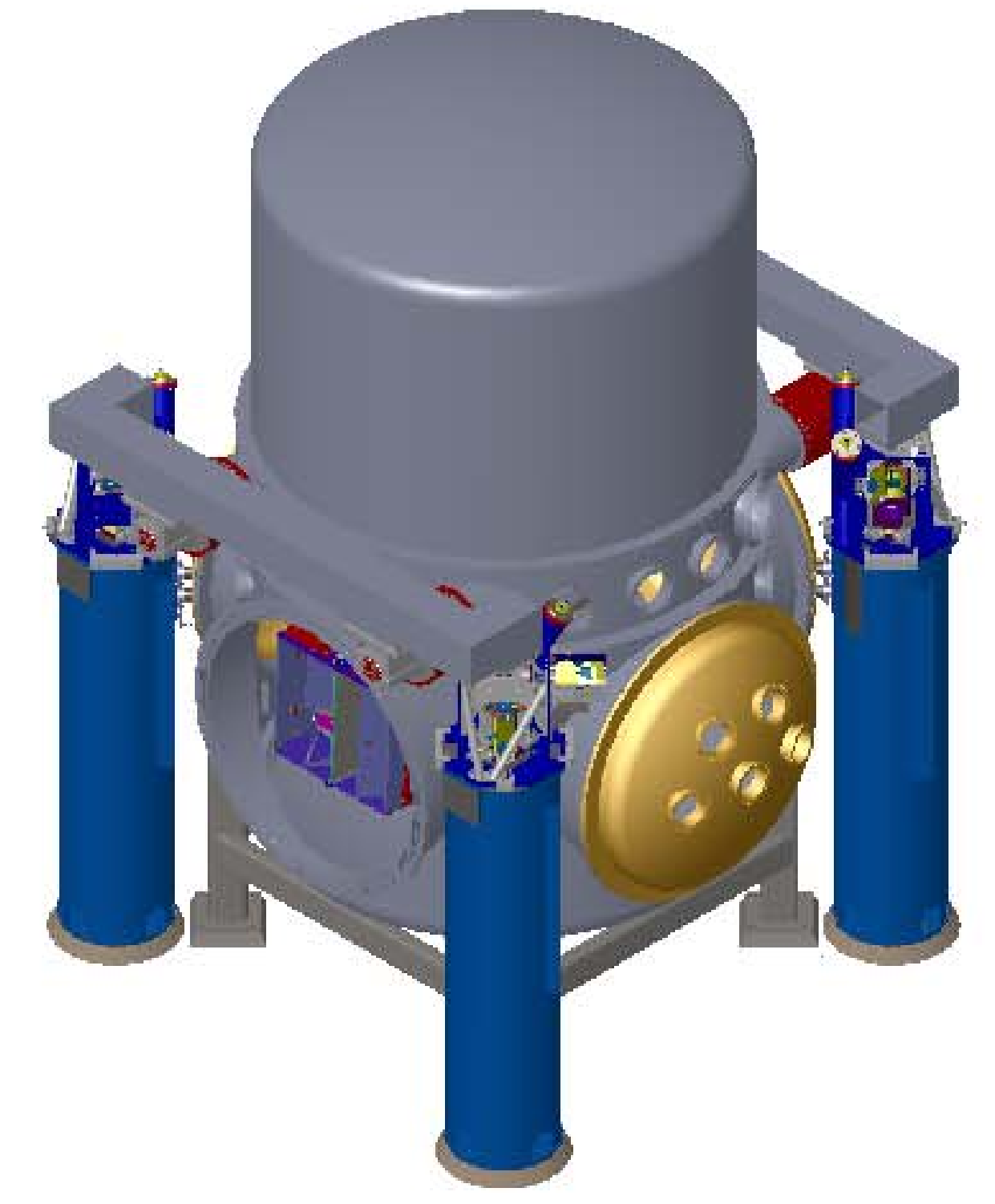


- 5. REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION
- 6. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION
- 7. REFER TO T1100292 FOR VIEW PORT DEFINITION
- 8. REFER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBES END.

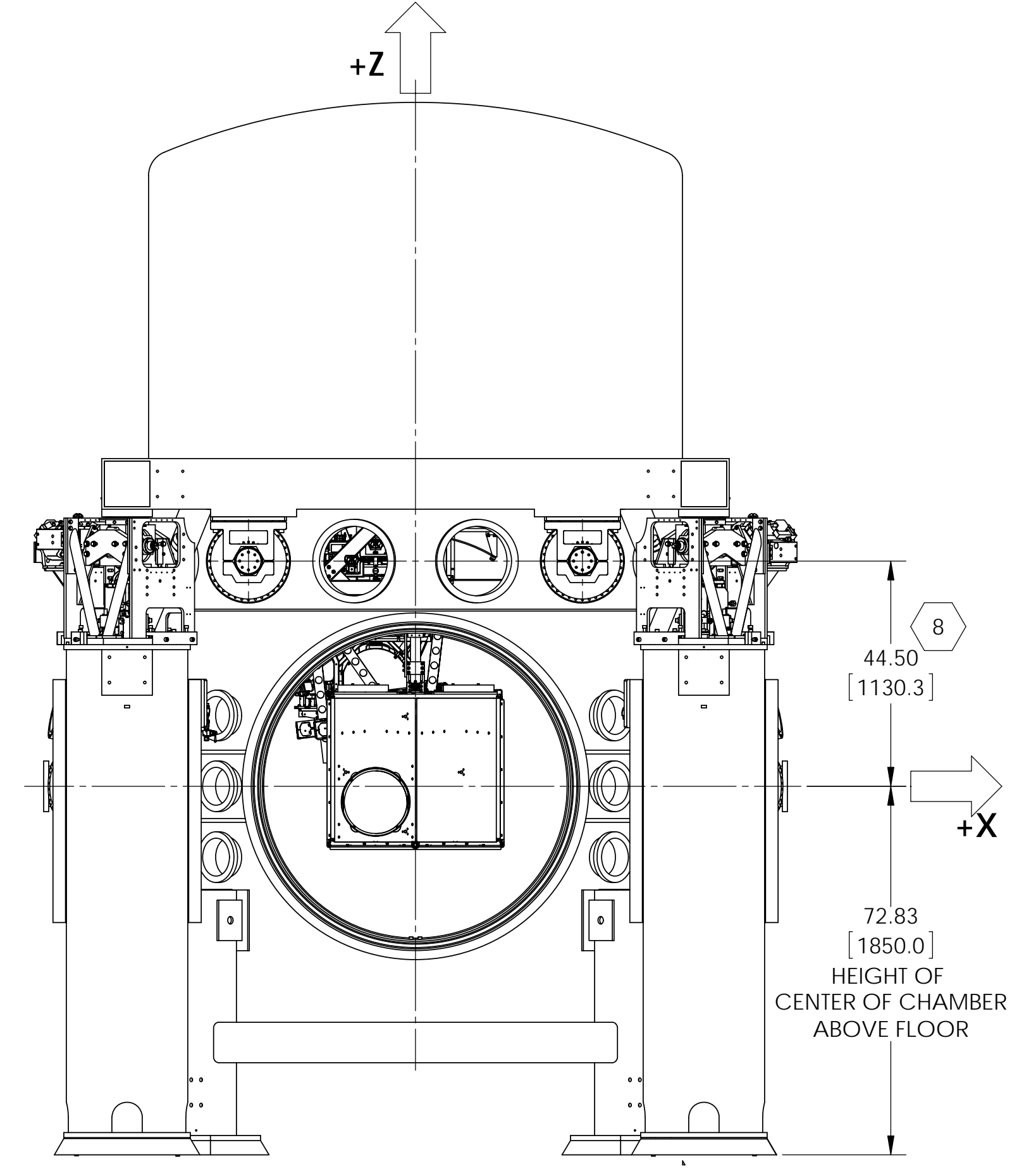
REV.	DATE	DCN #	DRAWING TREE #
v5	18 APR 2013		
-	-		



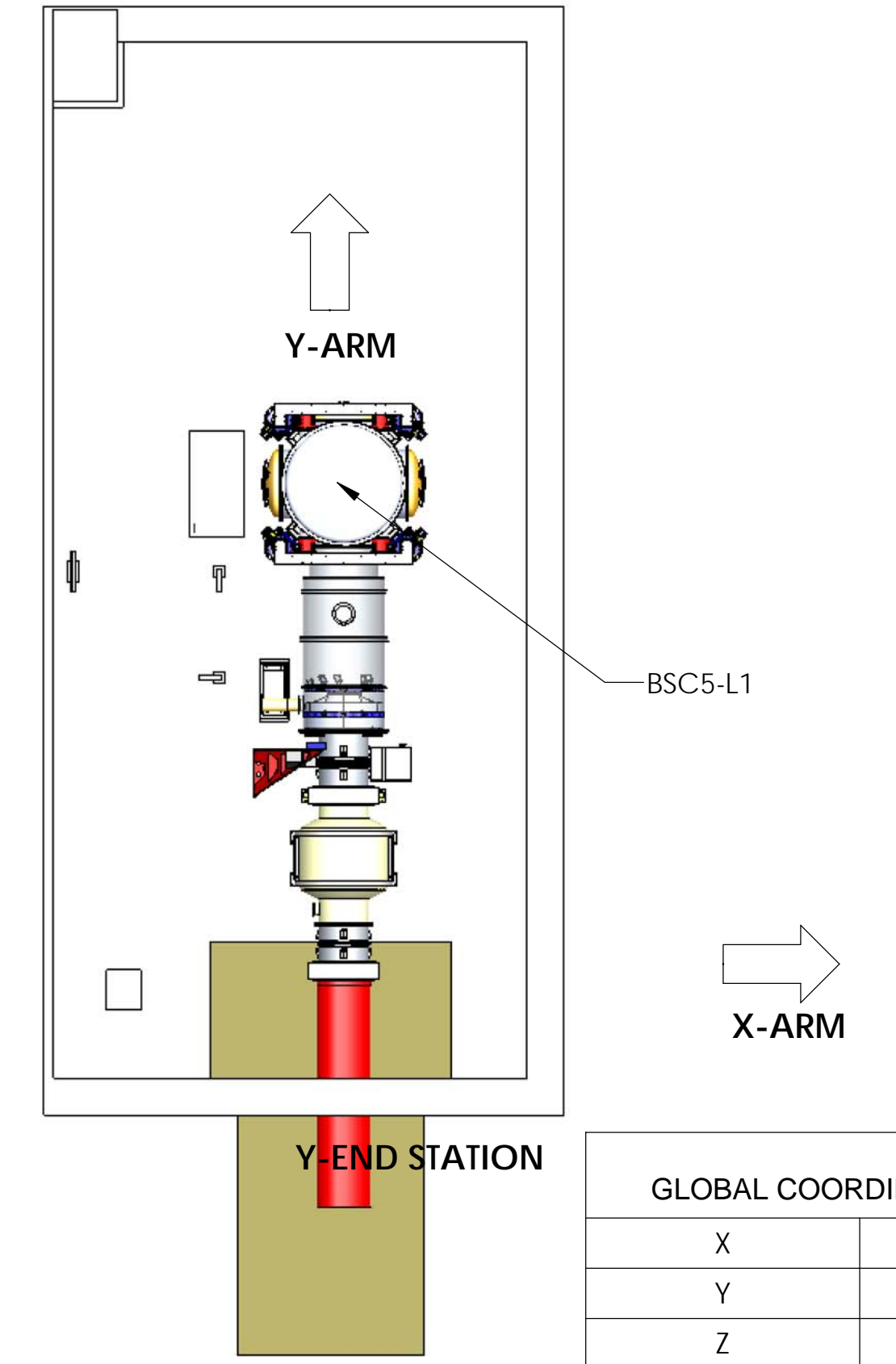
TOP VIEW



LEFT VIEW



FRONT VIEW



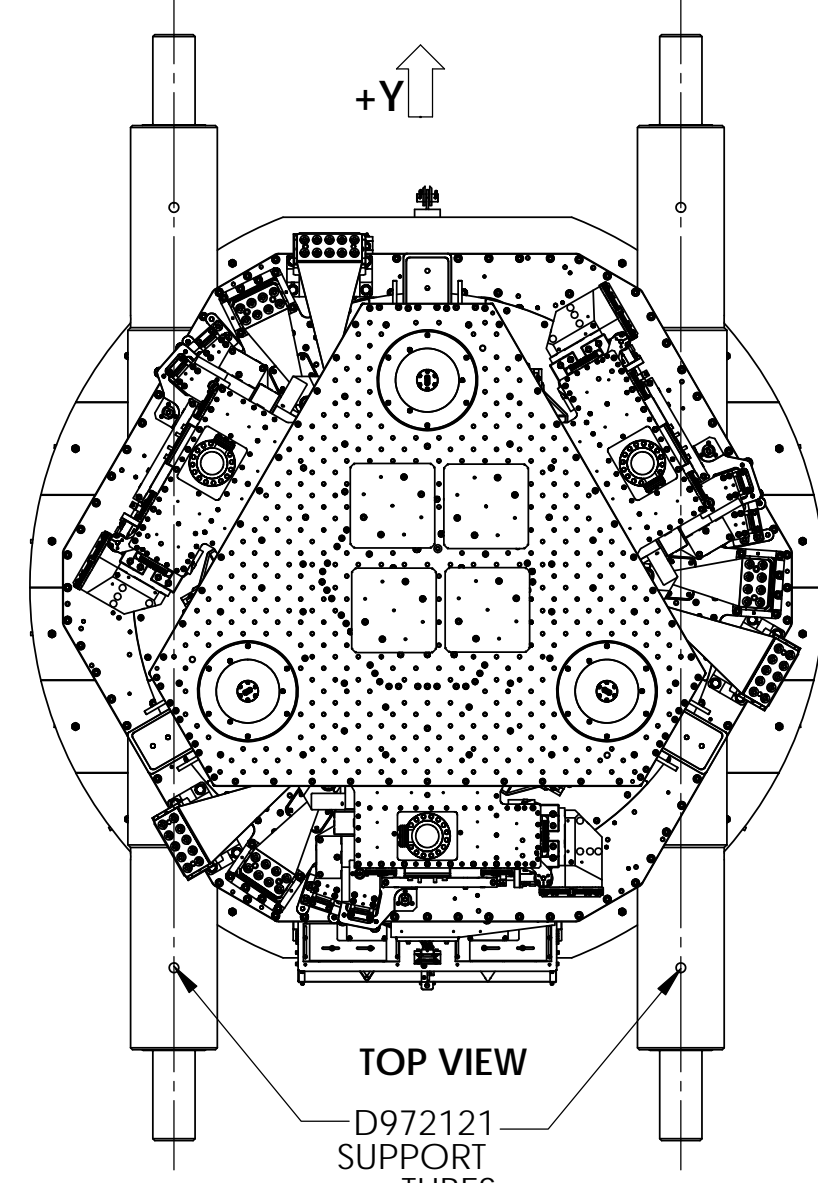
GLOBAL COORDINATES (mm)	
X	0.0
Y	4000000.0
Z	0.0

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.	
MATERIAL	FINISH
--	-- μ inch

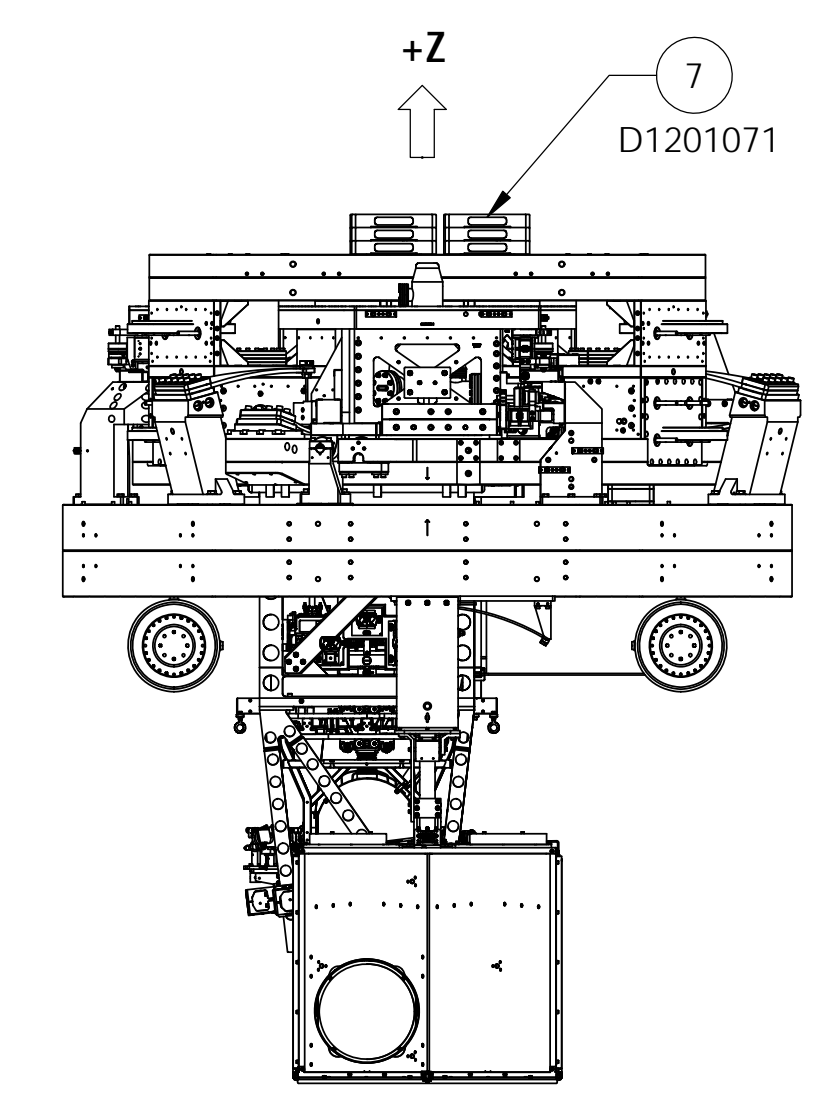
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	SUS
NEXT ASSY	

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

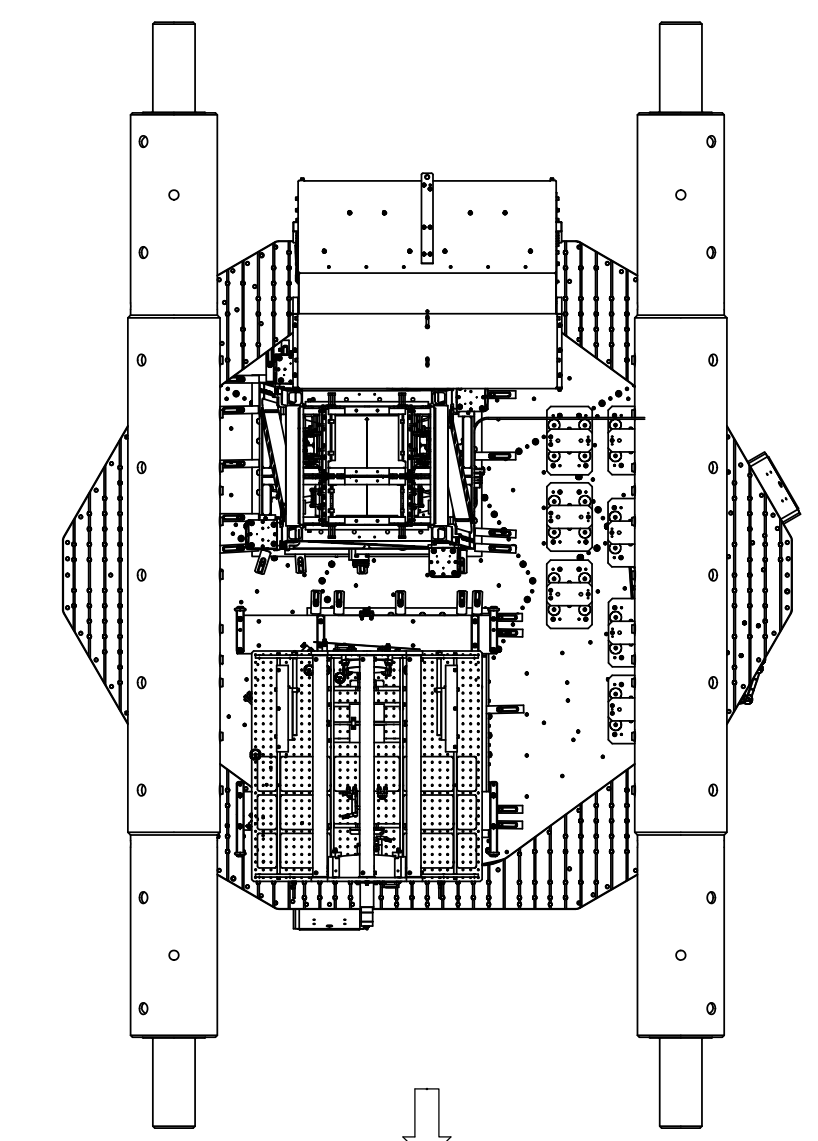
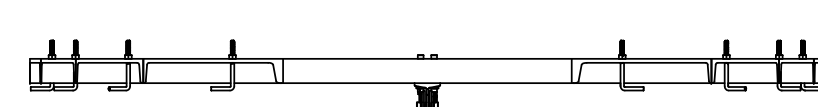
D0900506 AdvLIGO Systems BSC5-L1 Top Level Chamber Assembly PART PDM REV. X.003 DRAWING PDM REV. X.000



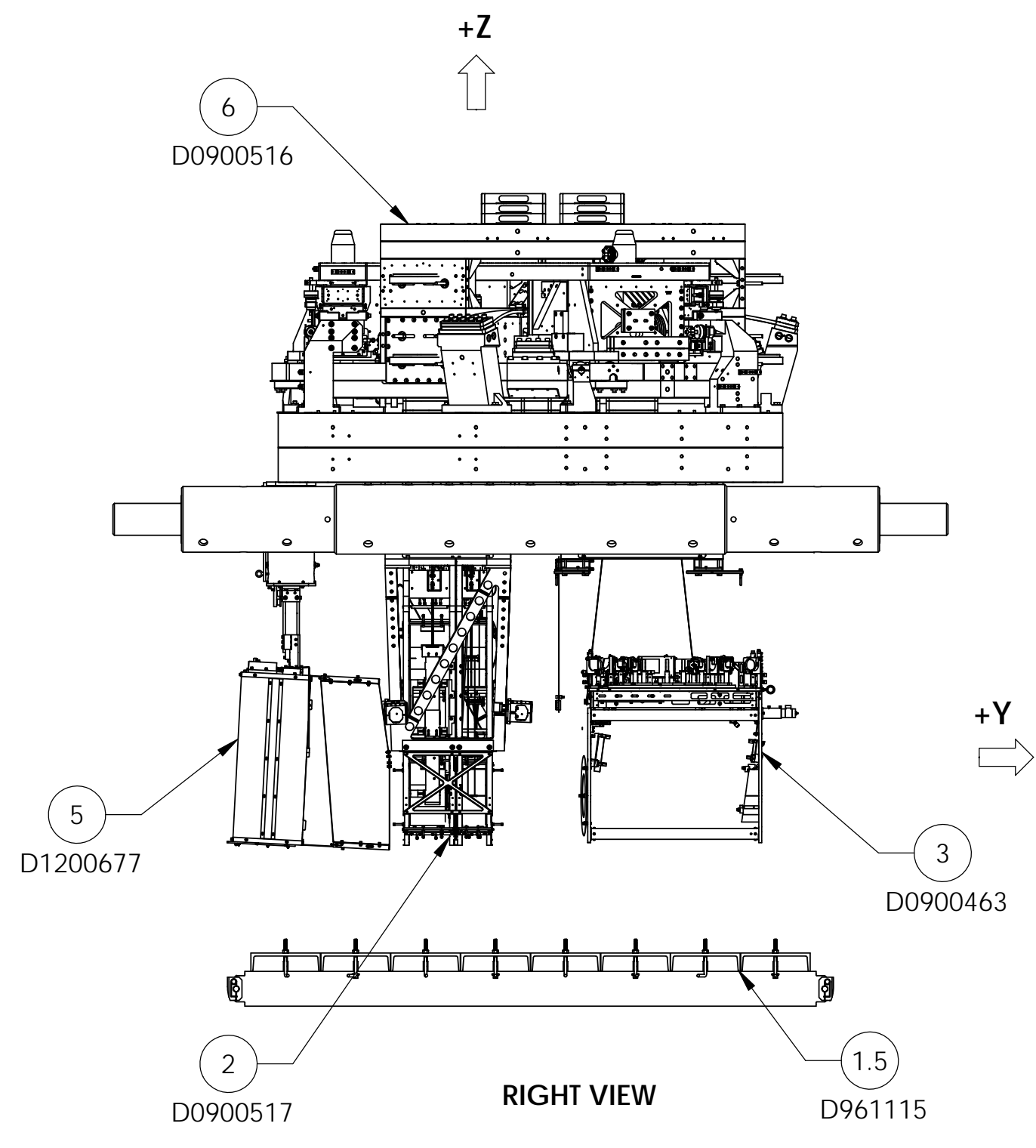
+X



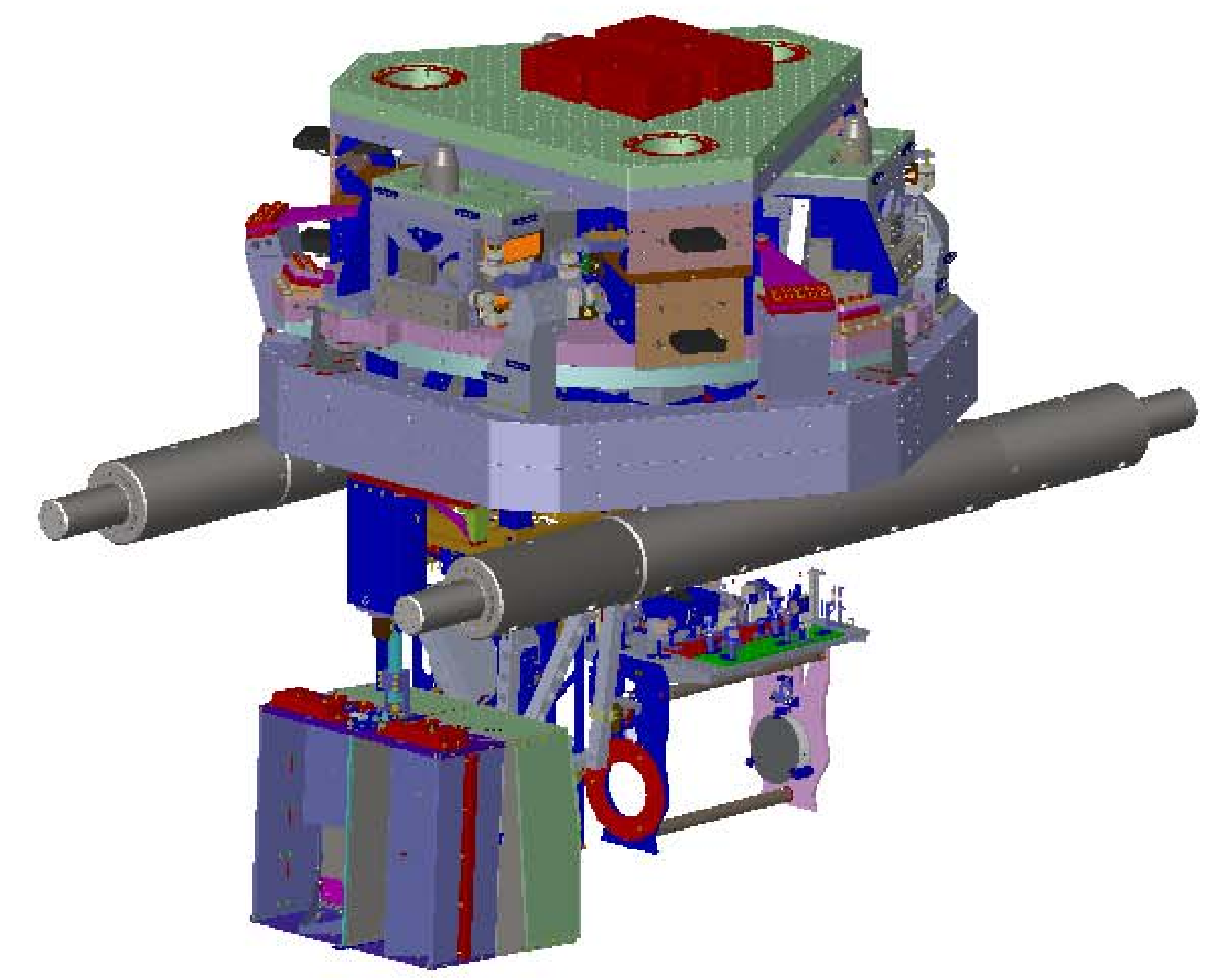
+X



+X



+Y



ITEM NO.	PART NUMBER	DESCRIPTION	Full Compl ete/QT Y.
7	D1201071	AdvLIGO BSC5-L1 ISI Table, Balance, Ballast & Trim Mass Assy	1
6	D0900516	AdvLIGO SEI BSC5-L1, XYZ Local CS for ISI Table	1
5	D1200677	AdvLIGO SUS BSC5-L1, XYZ Local CS for SLC Arm Cavity Baffle	1
4	D1000513	HEPI ASSEMBLY, BSC aLIGO	1
3	D0900463	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

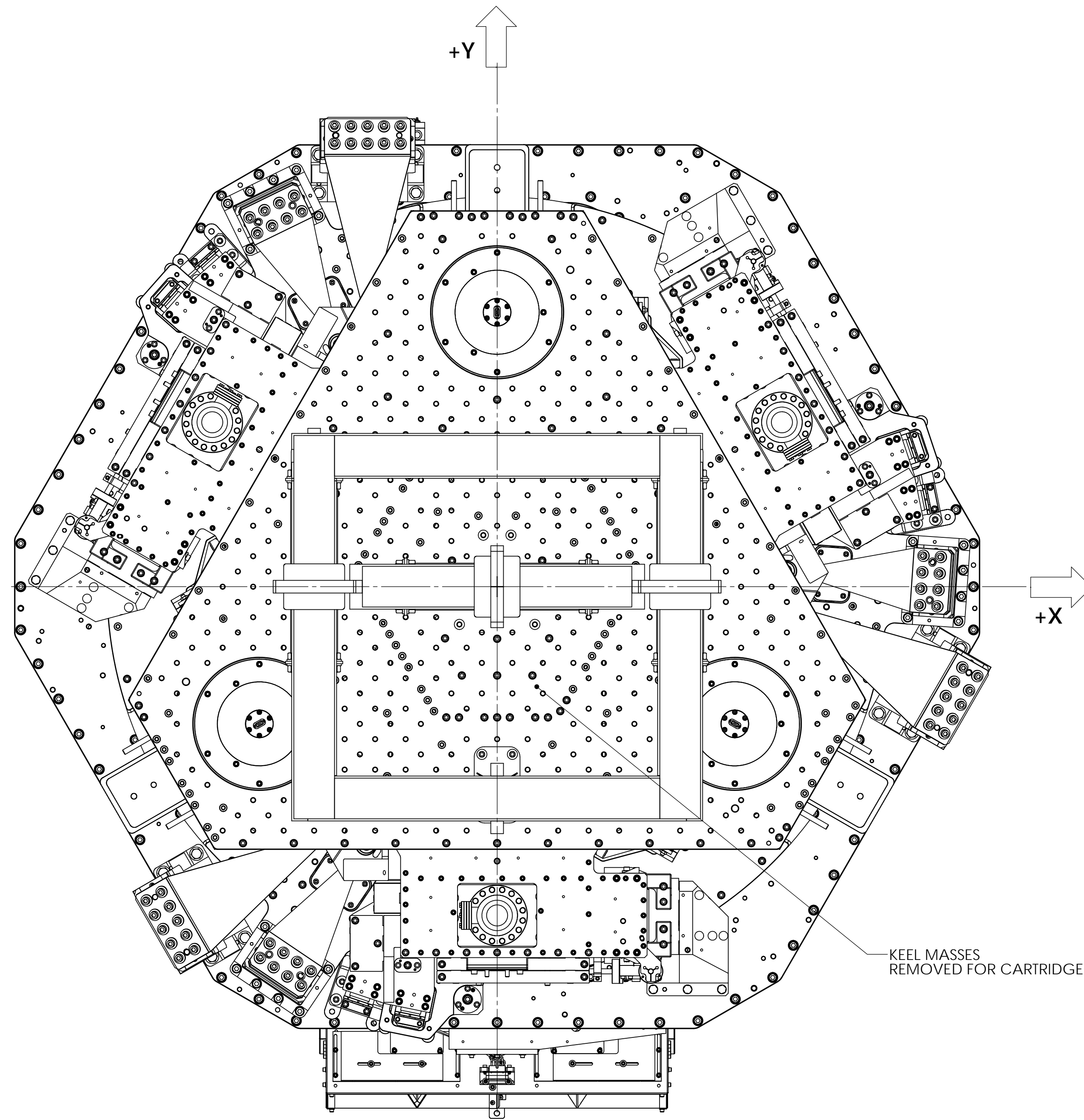
PARTS LIST

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. REV.
D D0900506 v5

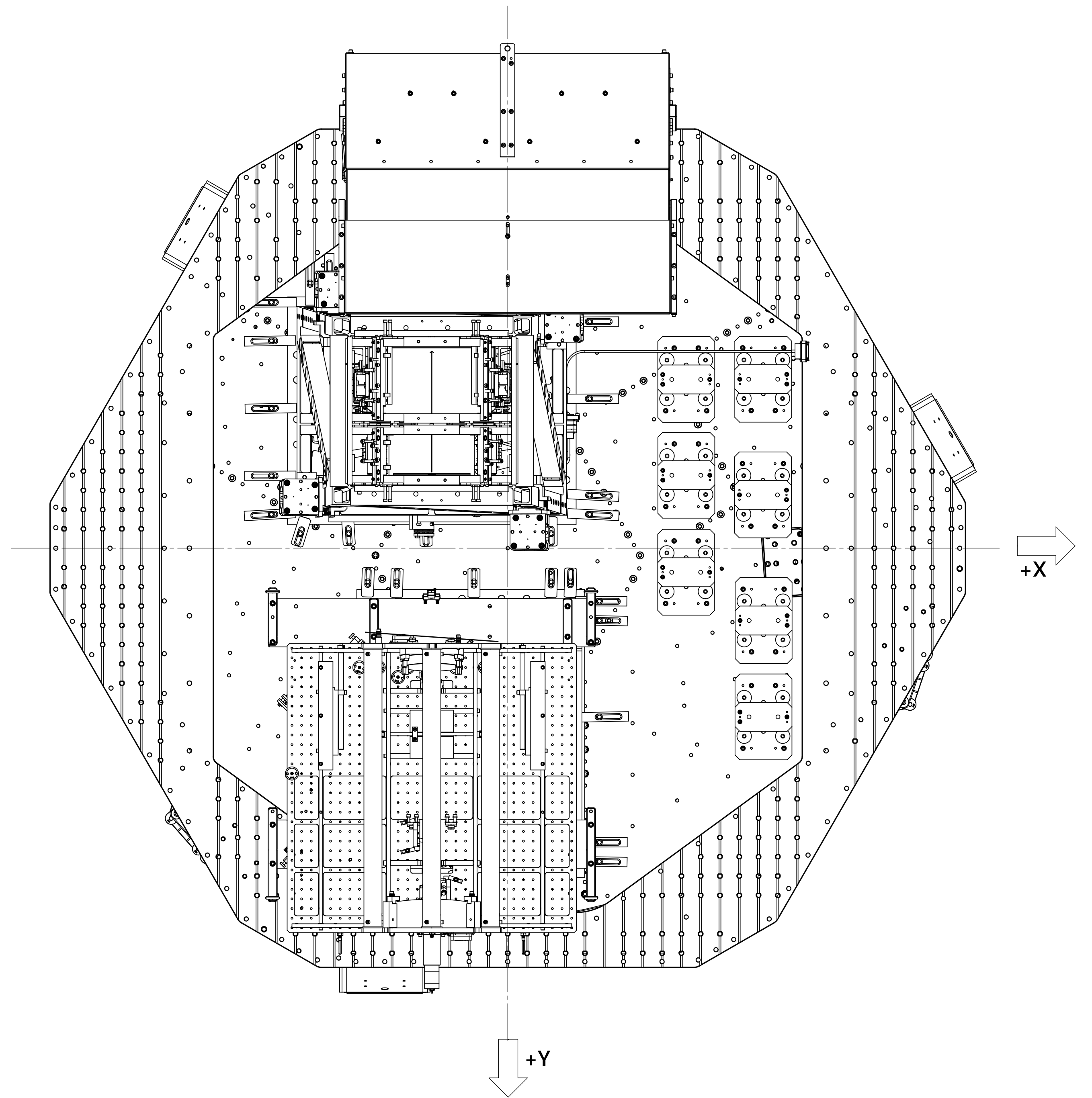
SCALE: 1:25 PROJECTION: SHEET 2 OF 3

D0900506 AdvLIGO Systems: BSC5-L1 Top Level Chamber Assembly: PART PDM REV: X.033: DRAWING PDM REV: X.000



KEEL MASSES
REMOVED FOR CARTRIDGE

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



**BOTTOM VIEW
(LOOKING UP)**

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	REV.
D	D0900506	v5
SCALE: 1:10	PROJECTION:	SHEET 3 OF 3

D0900506_A04/LIGO Systems: BCS-1.1 Top Level Chamber Assembly: PART/PDM/REV: X.023: DRAWING: PDM/REV: X.000