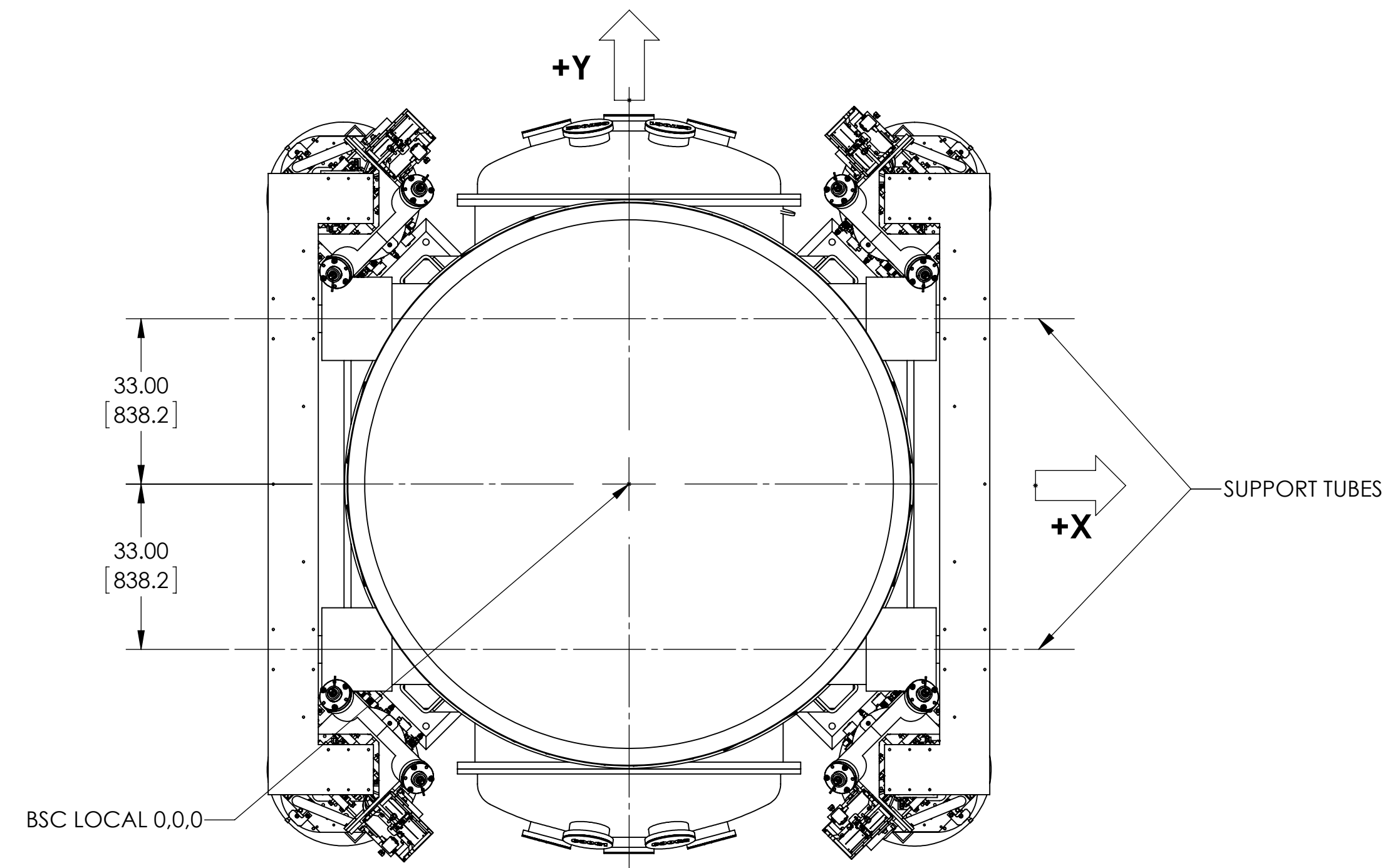
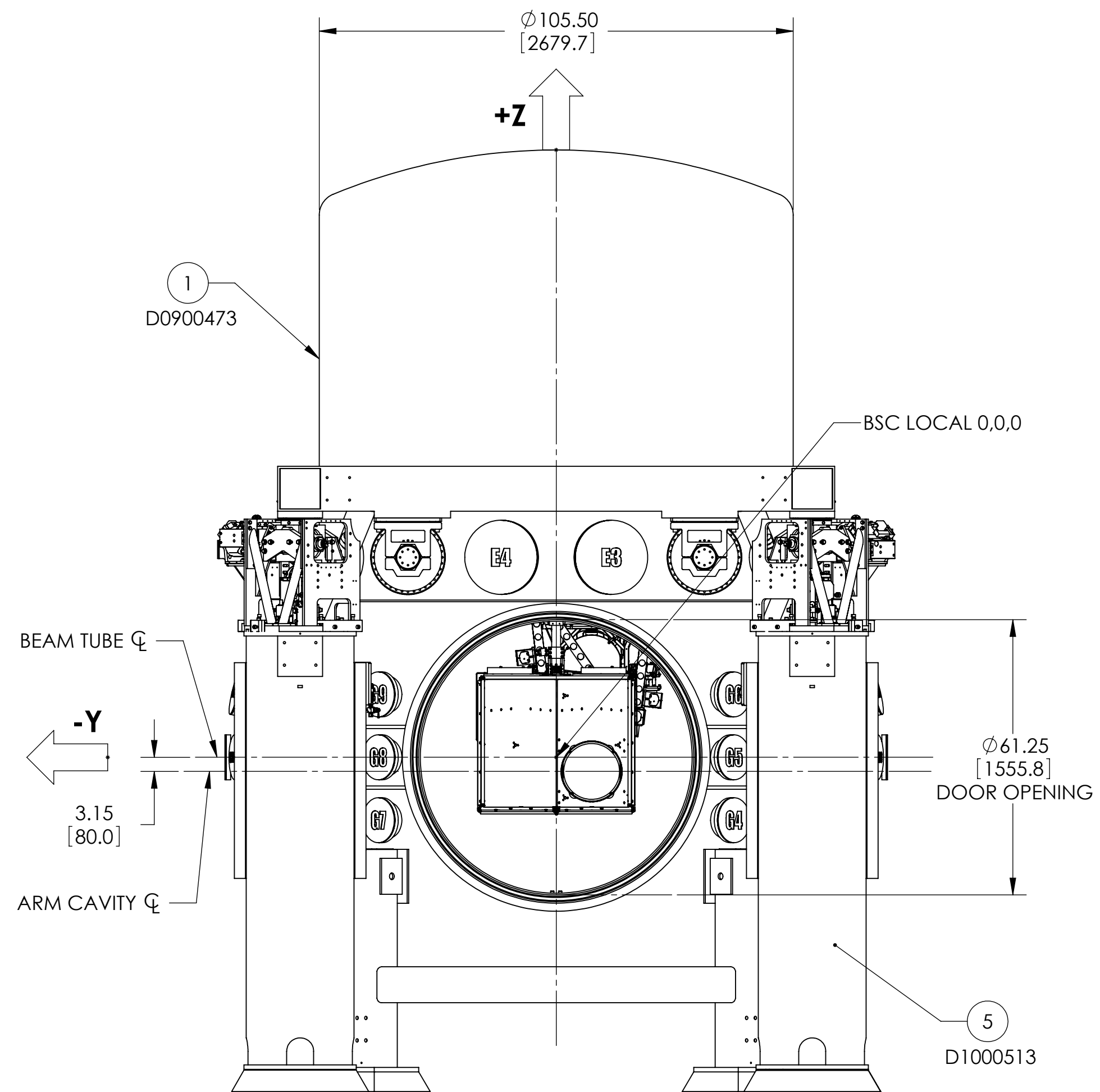
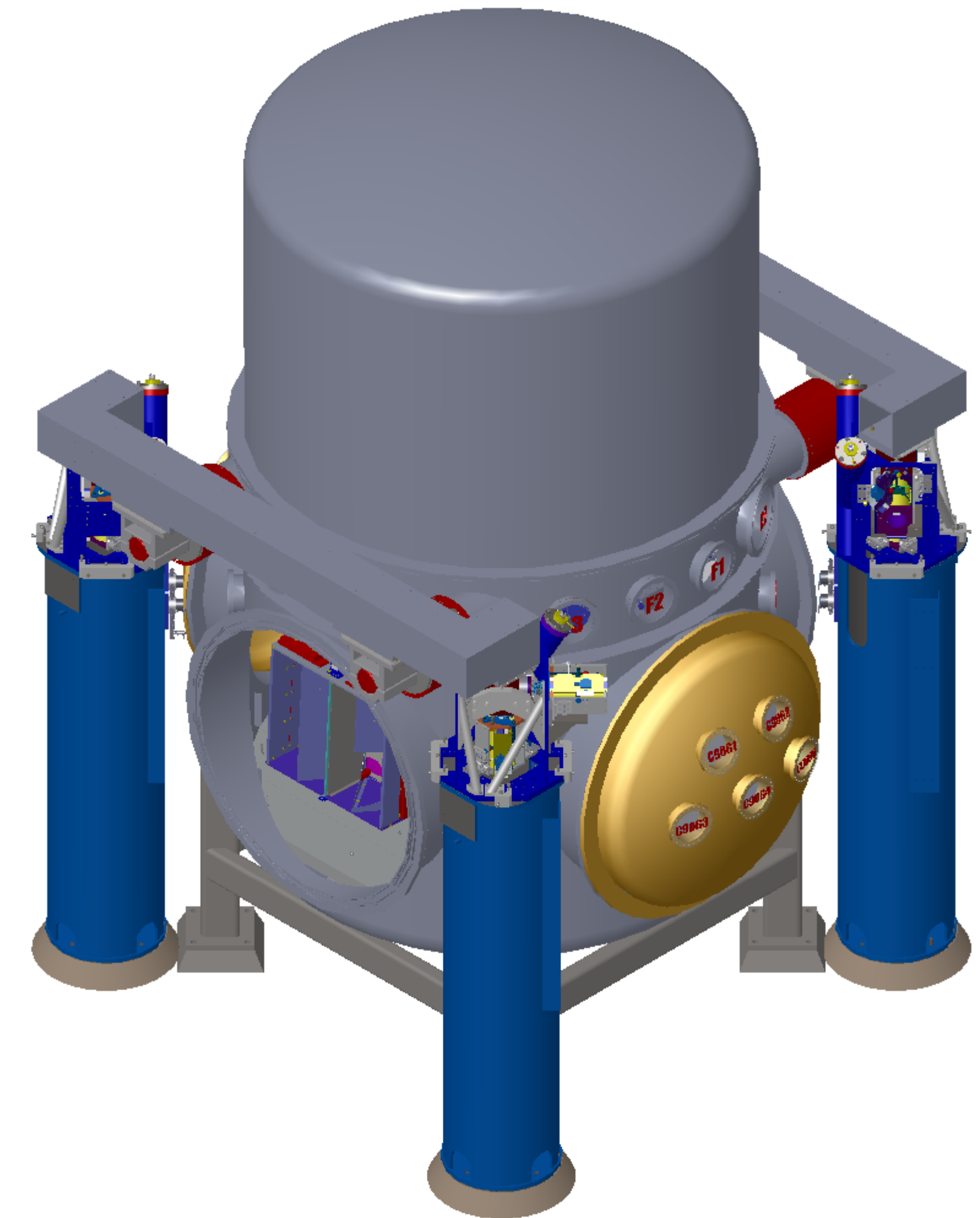


- 5. REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION
- 6. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION
- 7. REFER TO T1100292 FOR VIEW PORT DEFINITION
- 8. REFER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBES END.

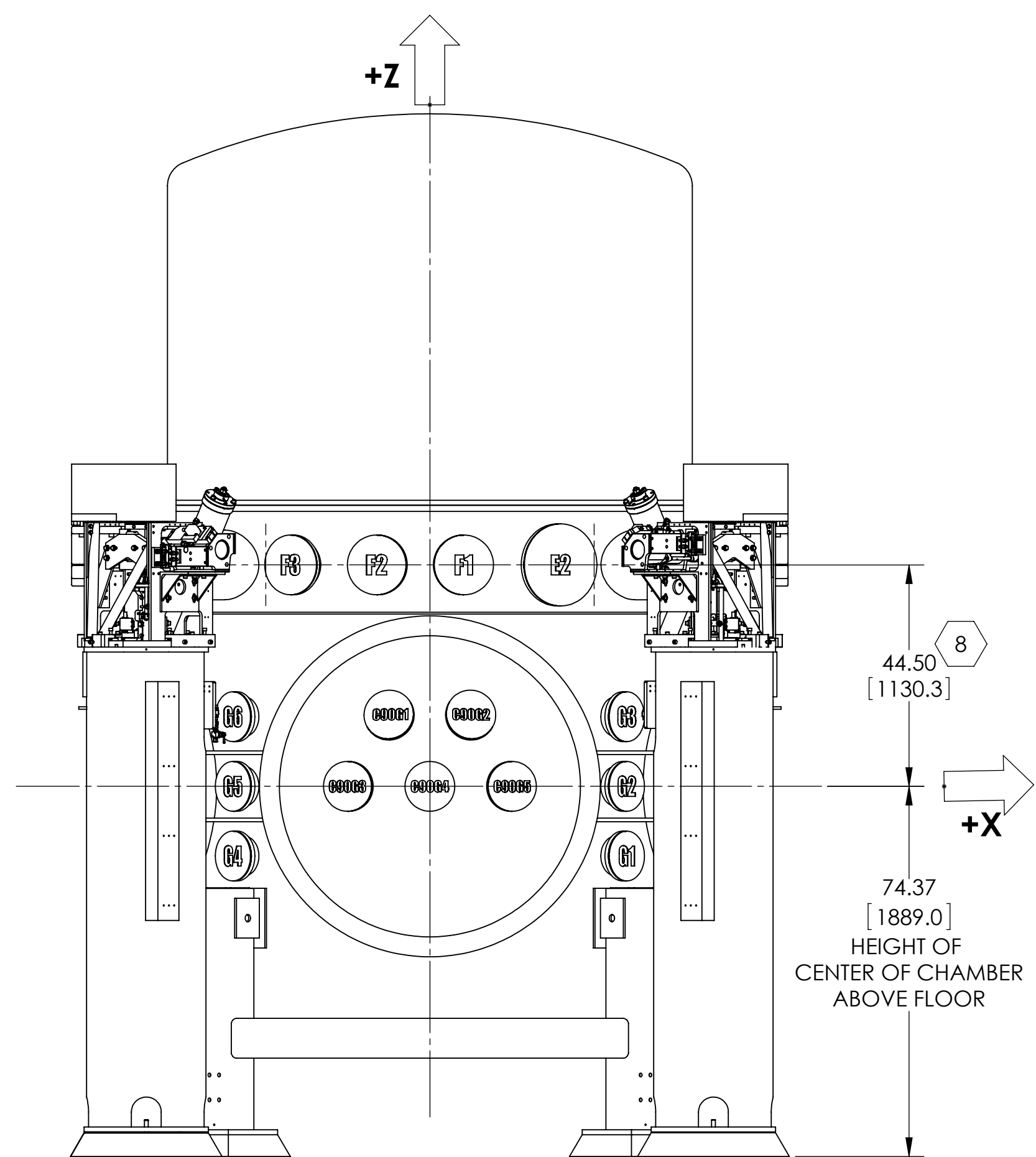
REV.	DATE	DCN #	DRAWING TREE #
v3	30 MAR 2011		
v4	23 MAY 2011		
v5	04 APR 2013		



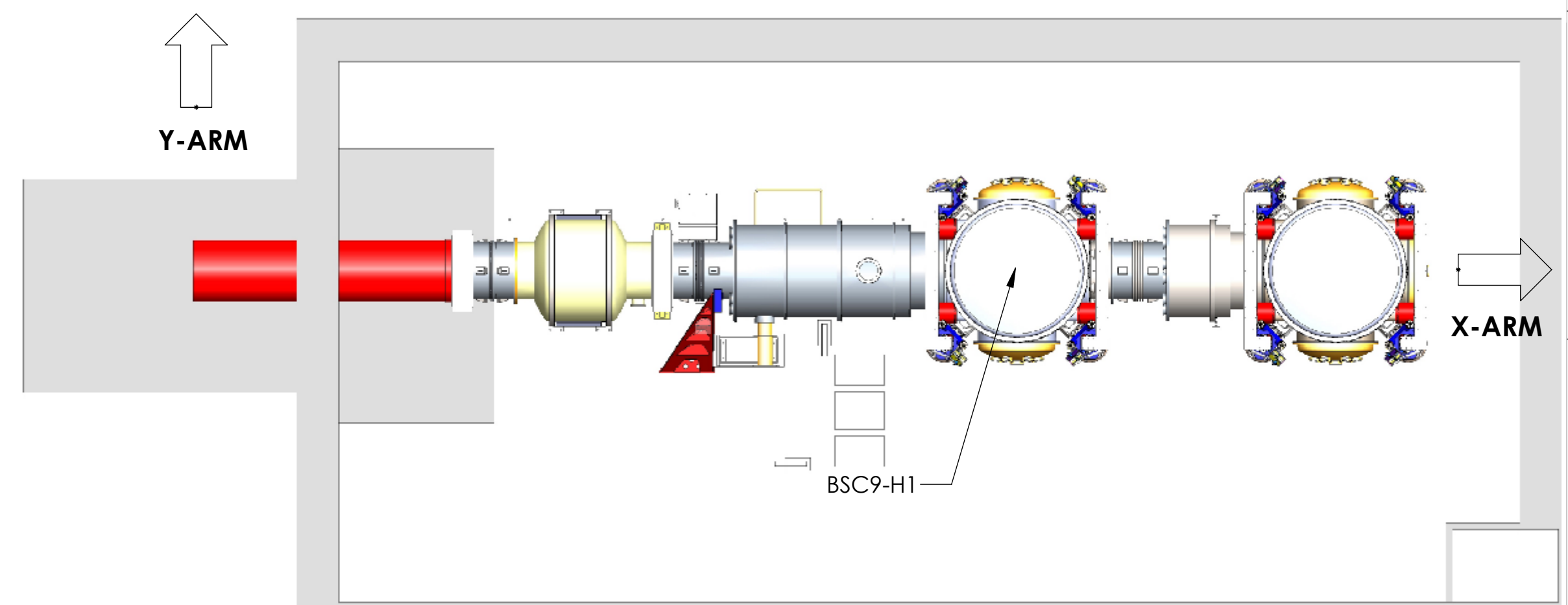
TOP VIEW



LEFT VIEW



FRONT VIEW



X-END STATION

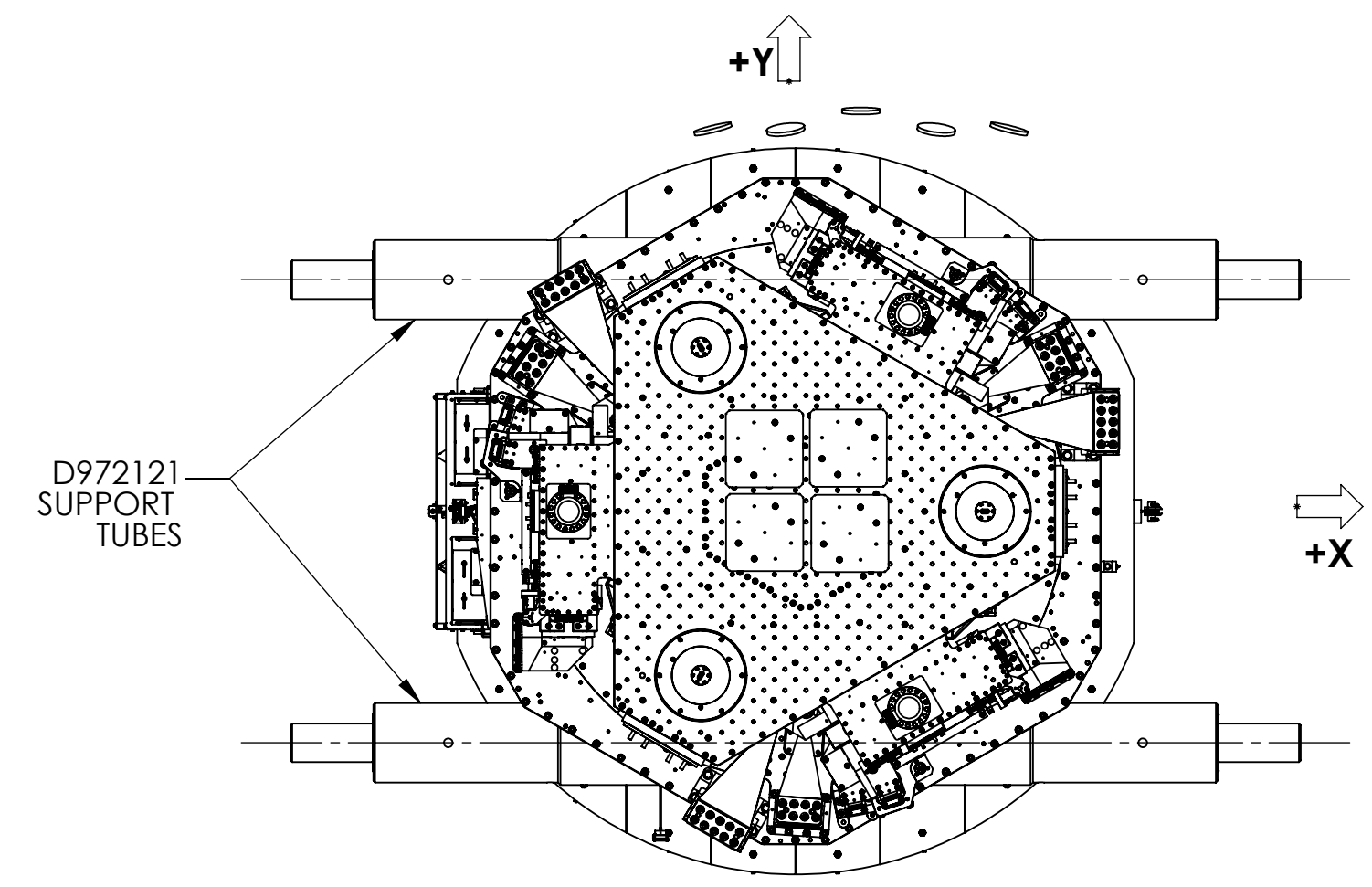
GLOBAL COORDINATES (mm)	
X	4000000.0
Y	0.0
Z	0.0

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

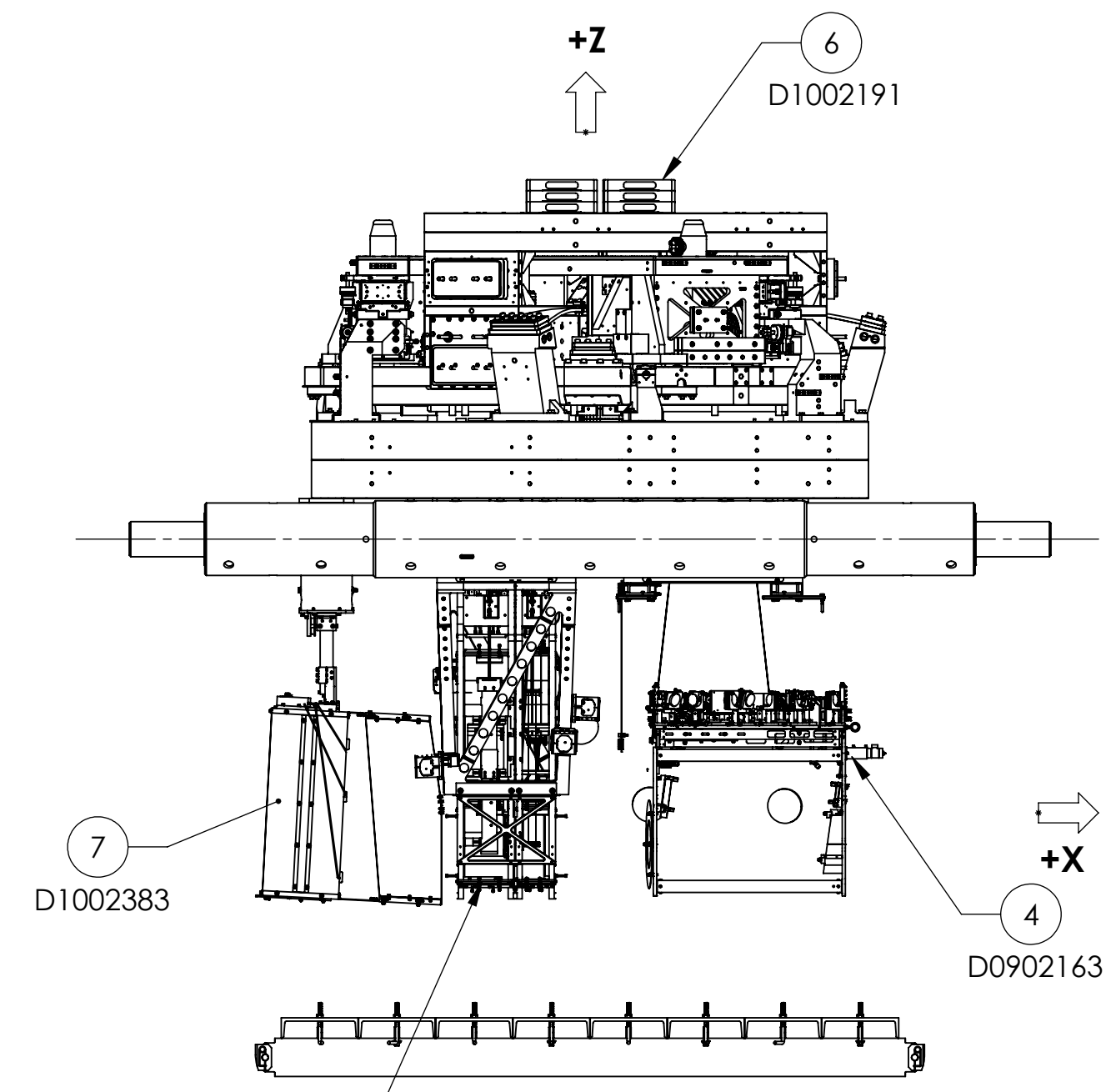
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	SUS
NEXT ASSY	

PART NAME		BSC9-H1 Top Level Chamber Assembly, Fully Defined	
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	N. CUSTARD	25 JAN 2012	D
CHECKER			D0901150
APPROVAL			v5
SCALE: 1:24		PROJECTION:	SHEET 1 OF 3

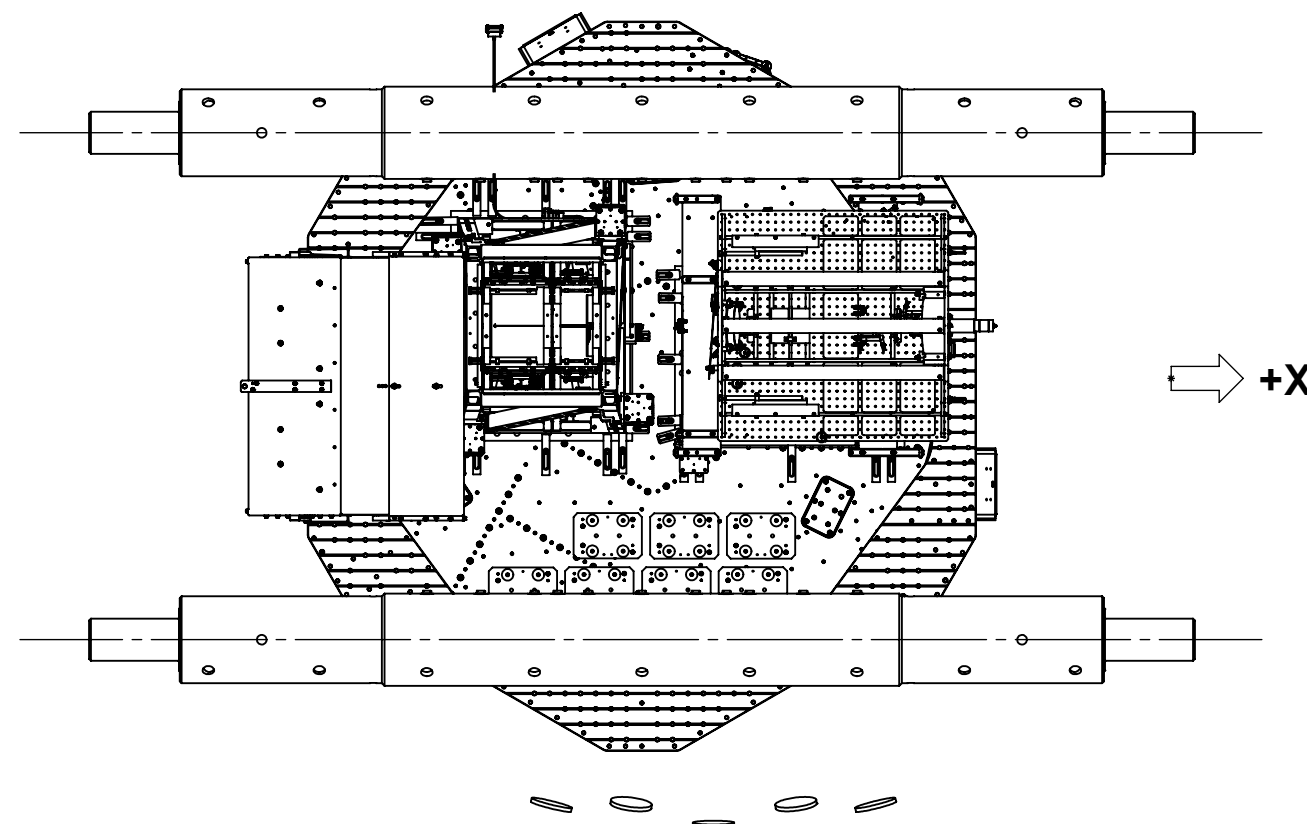
DD0901150 Adv LIGO Systems: BSC9-H1 Top Level Chamber Assembly, ALL PART PDM REV. X.056, DRAWING PDM REV. X.009



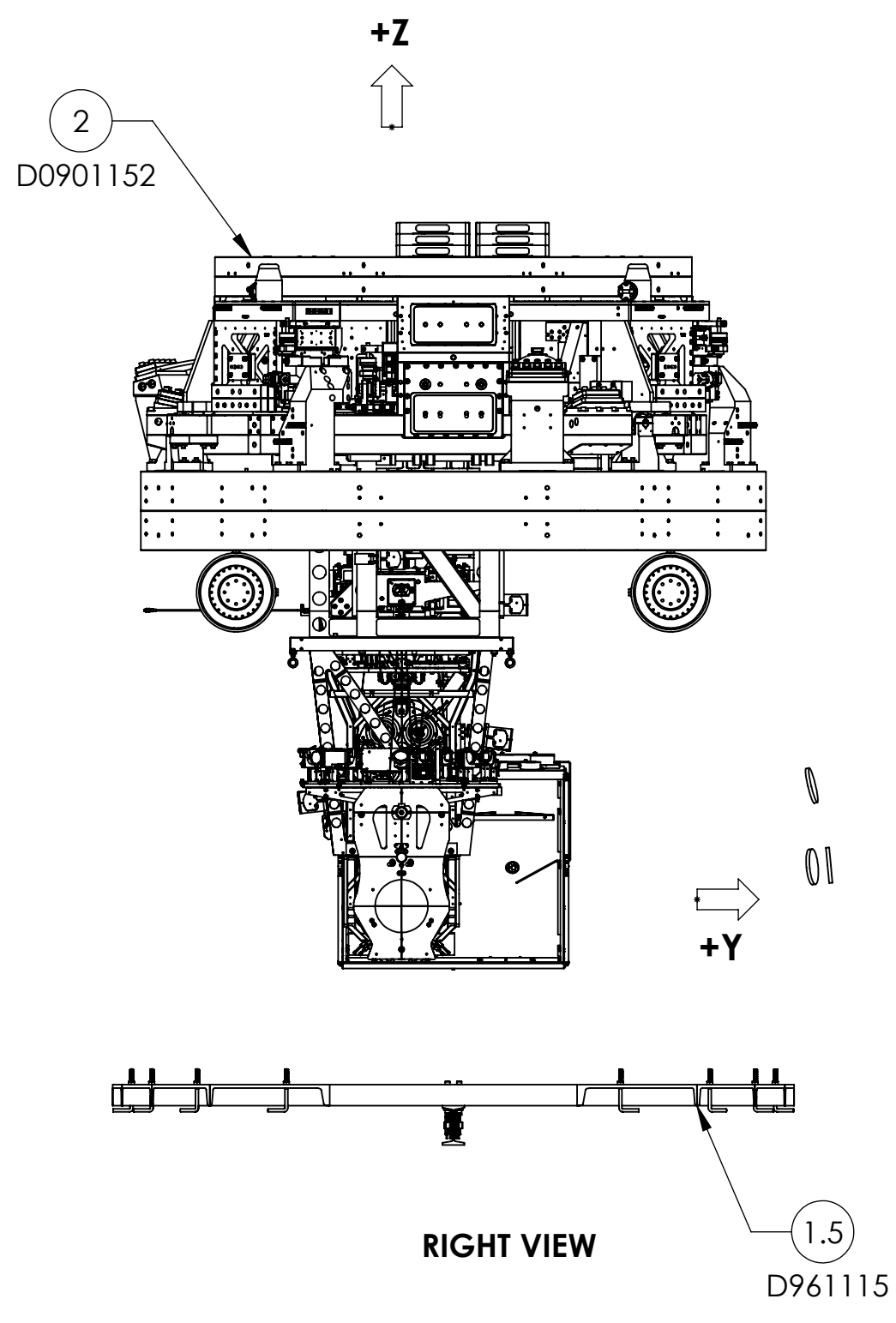
TOP VIEW



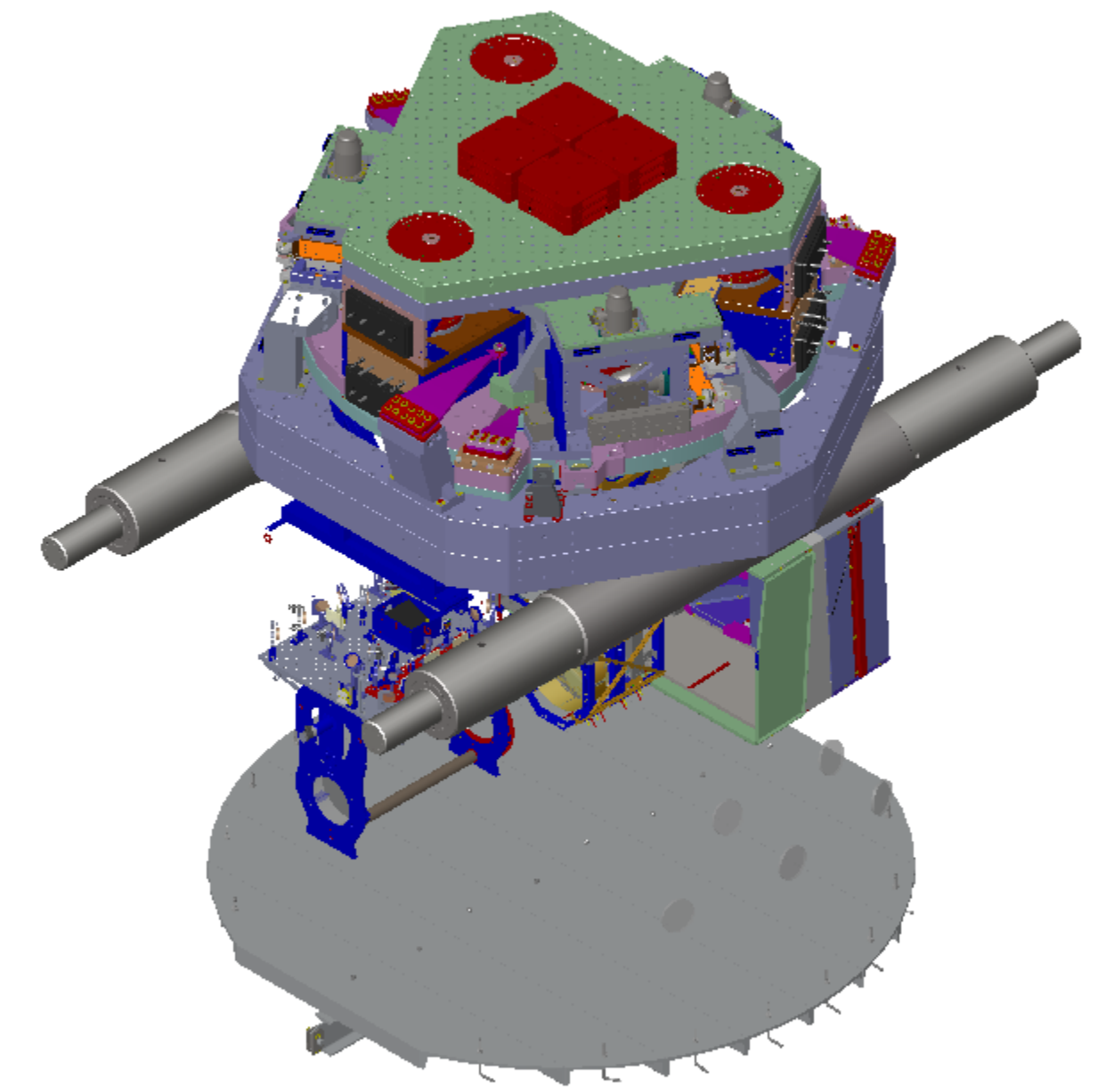
FRONT VIEW



BOTTOM VIEW



RIGHT VIEW



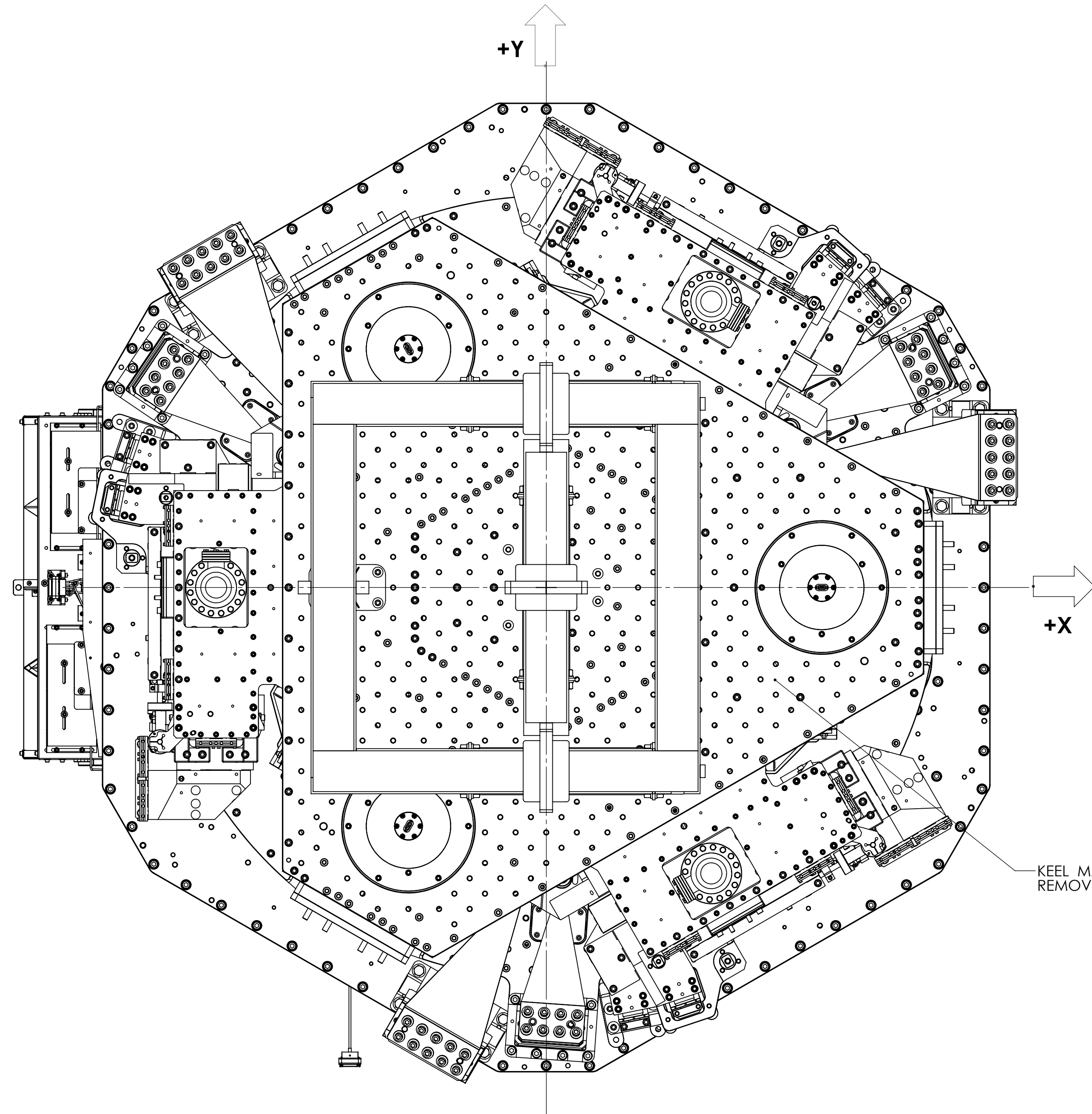
ITEM NO.	PART NUMBER	DESCRIPTION	Full Complete /QTY.
7	D1002383	AdvLIGO SUS BSC9-H1, XYZ Local CS for SLC Arm Cavity Baffle	1
6	D1002191	AdvLIGO BSC9-H1 ISI Table, Payload & Suspended Masses Assy	1
5	D1000513	HEPI ASSEMBLY, BSC of LIGO	1
4	D0902163	AdvLIGO SUS BSC9-H1, XYZ Local CS for ETM Tel Assy	1
3	D0901153	AdvLIGO SUS BSC9-H1, XYZ Local CS for ETMX	1
2	D0901152	AdvLIGO SEI BSC9-H1, XYZ Local for ISI Table	1
1	D0901151	AdvLIGO VE BSC9-H1, Vacuum Equipment Assembly	1

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SIZE DWG. NO. **D0901150** REV. **v5**

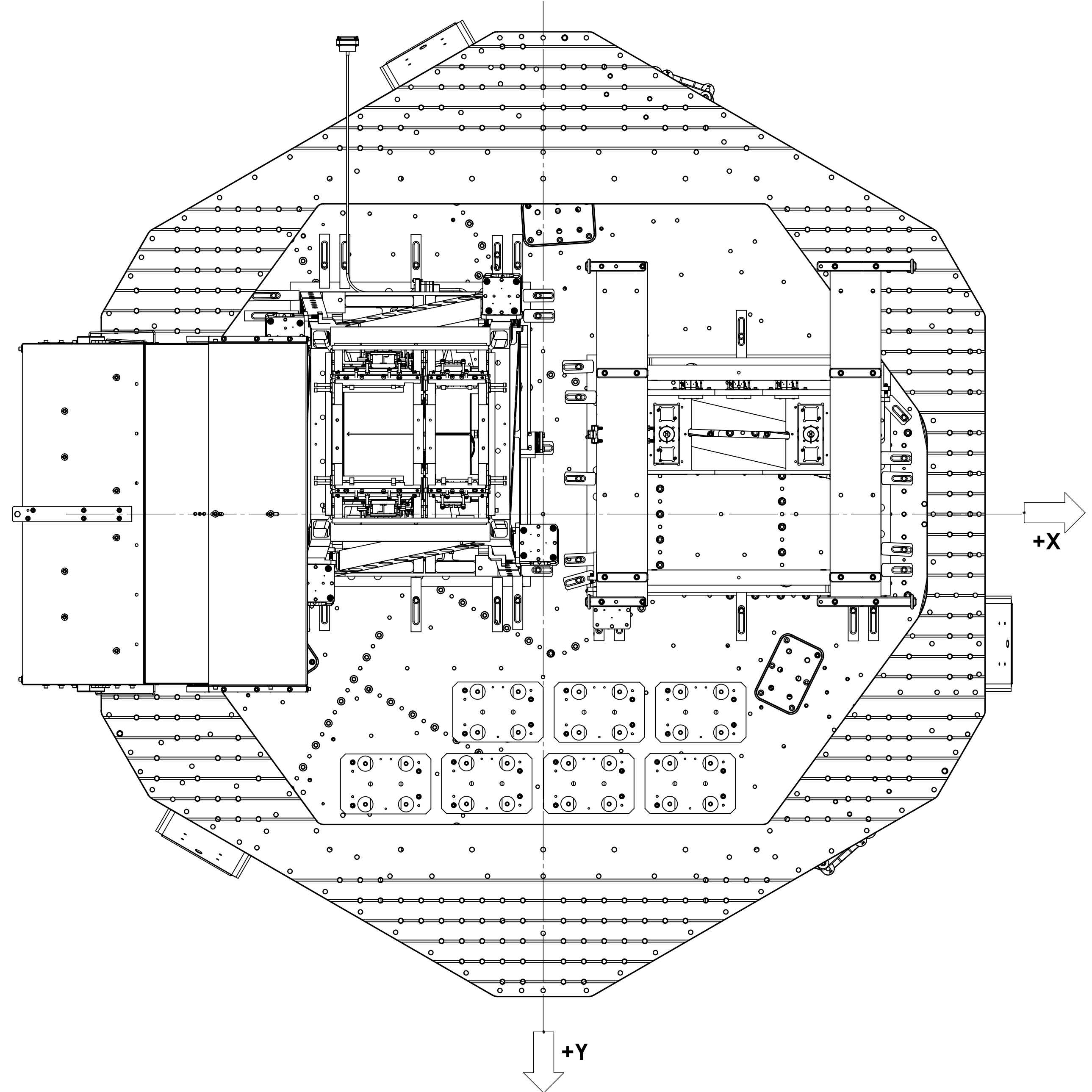
SCALE: 1:25 PROJECTION: SHEET 2 OF 3

D0901150 AdvLIGO Systems, BSC9-H1 Top Level Chamber Assembly, ALL PART FDM REV. X056, DRAWING FDM REV. X000



KEEL MASSES
REMOVED FOR CARTRIDGE

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



**BOTTOM VIEW
(LOOKING UP)**

DD901150 Adv LIGO Systems: BSCF-H1 Top Level Chamber Assembly, ALL PART FDM REV: X.056, DRAWING FDM REV: X.000