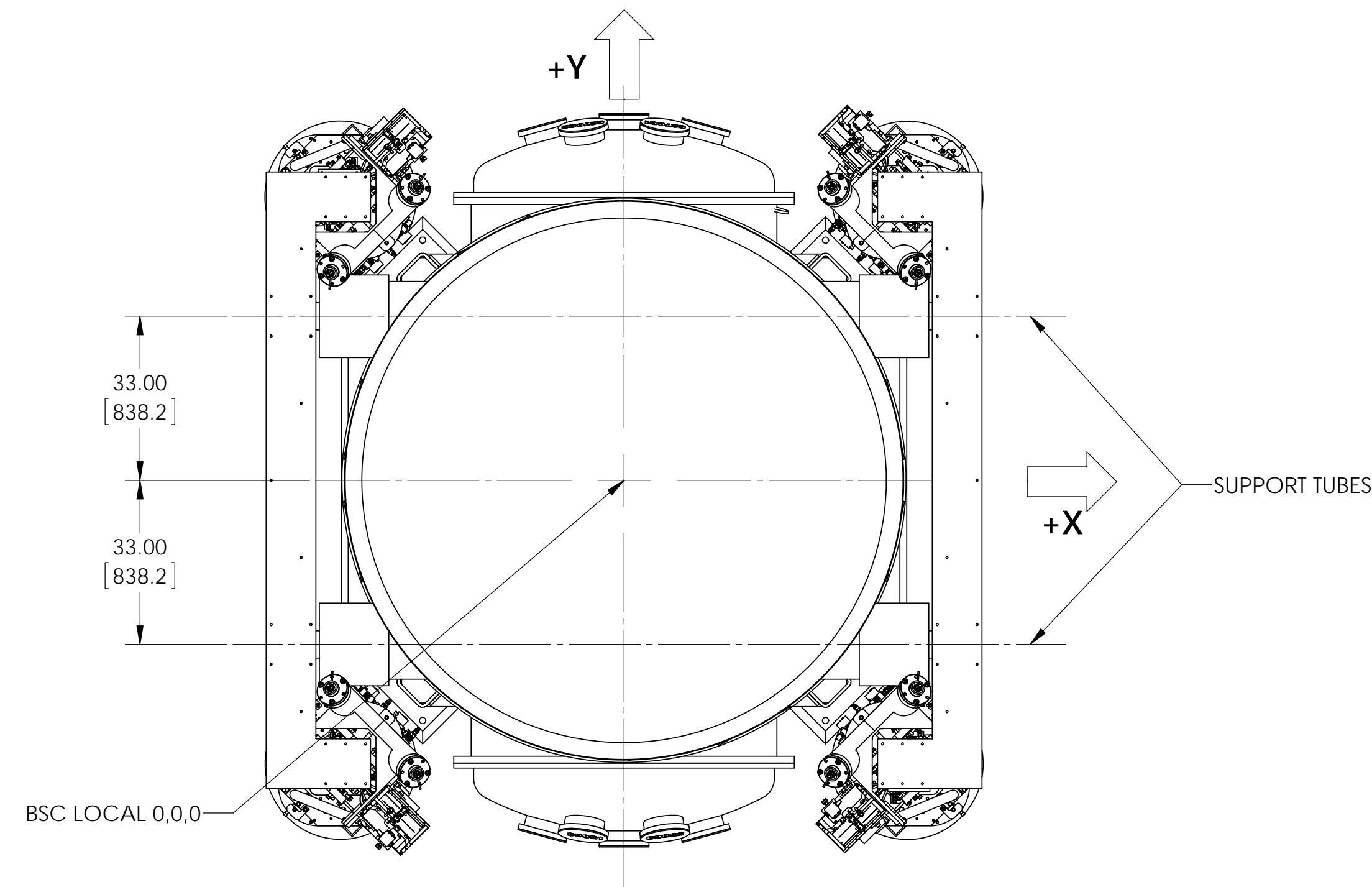
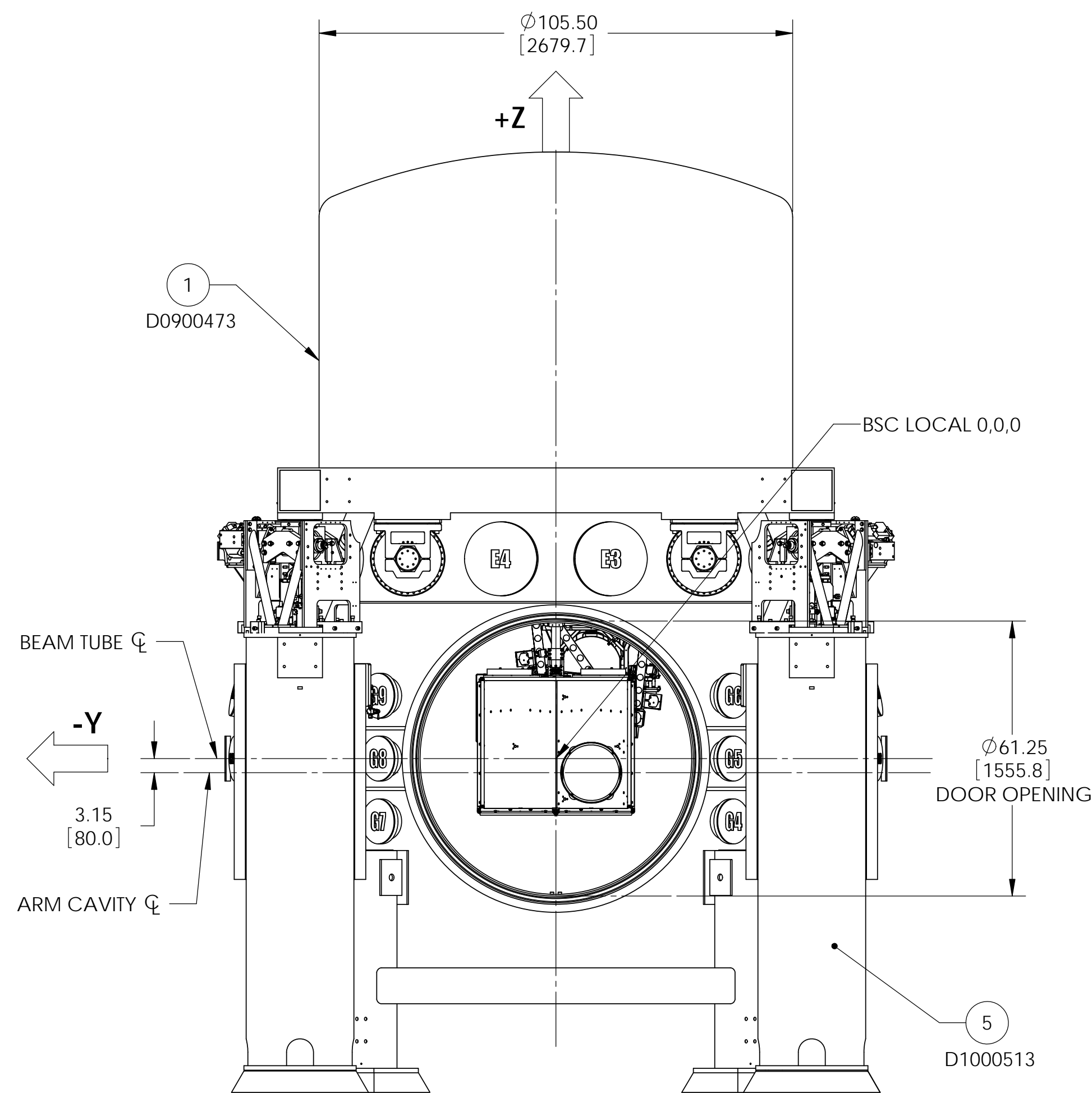
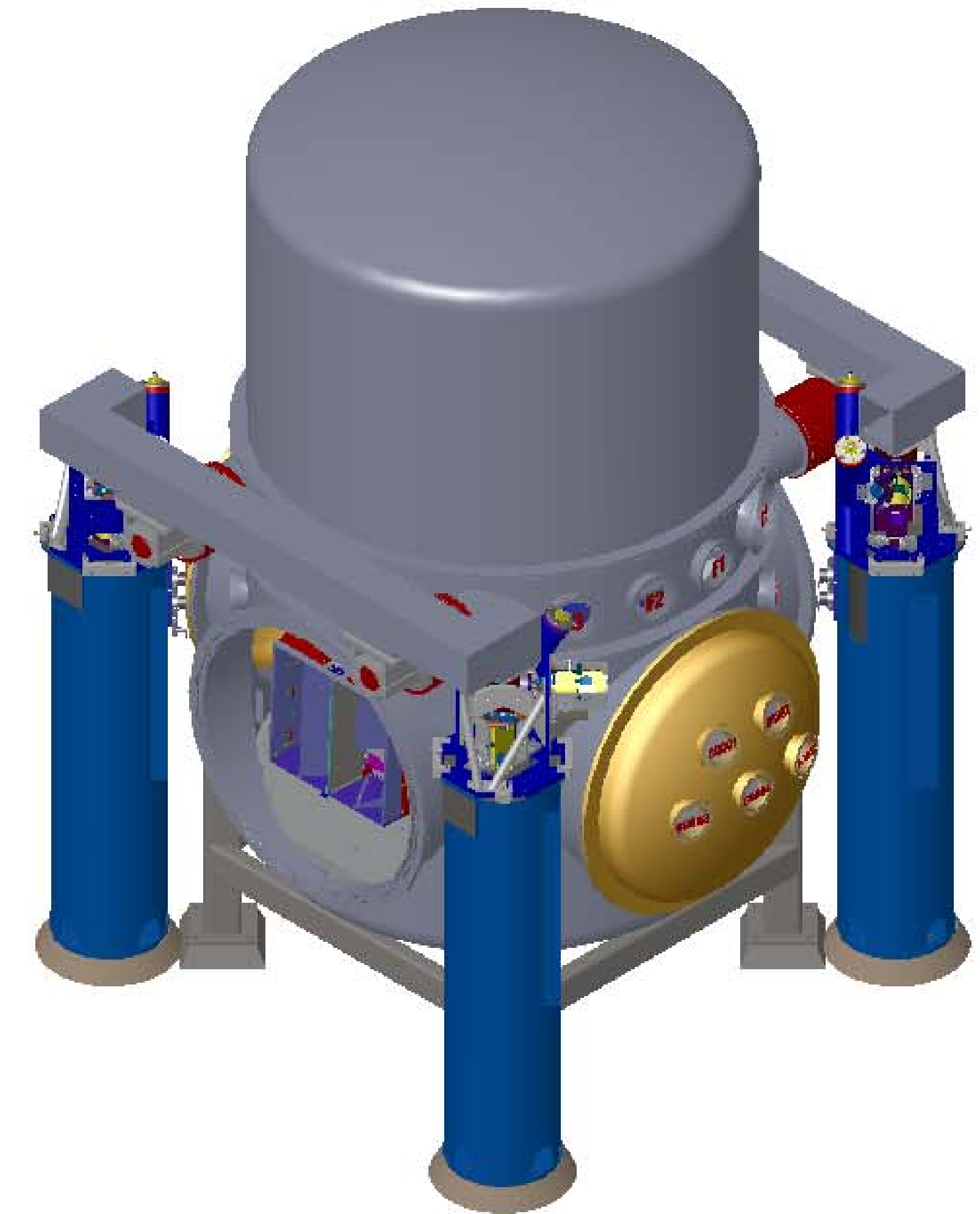


- 5. REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION
- 6. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION
- 7. REFER TO T1100292 FOR VIEW PORT DEFINITION
- 8. REFER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBES END.

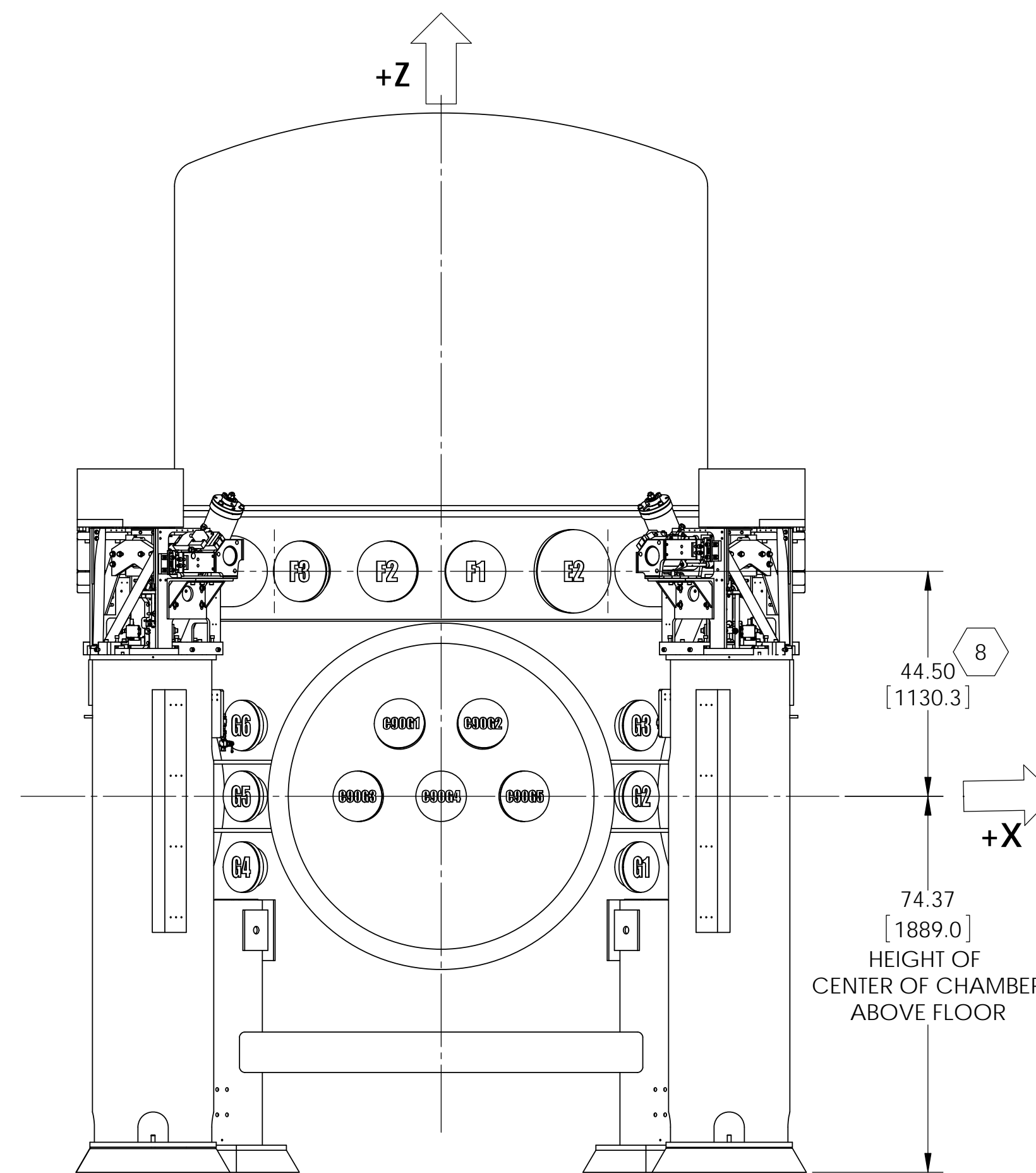
REV.	DATE	DCN #	DRA WNG G TREE #
v3	30 MAR 2011		
v4	23 MAY 2011		
v5	04 APR 2013		



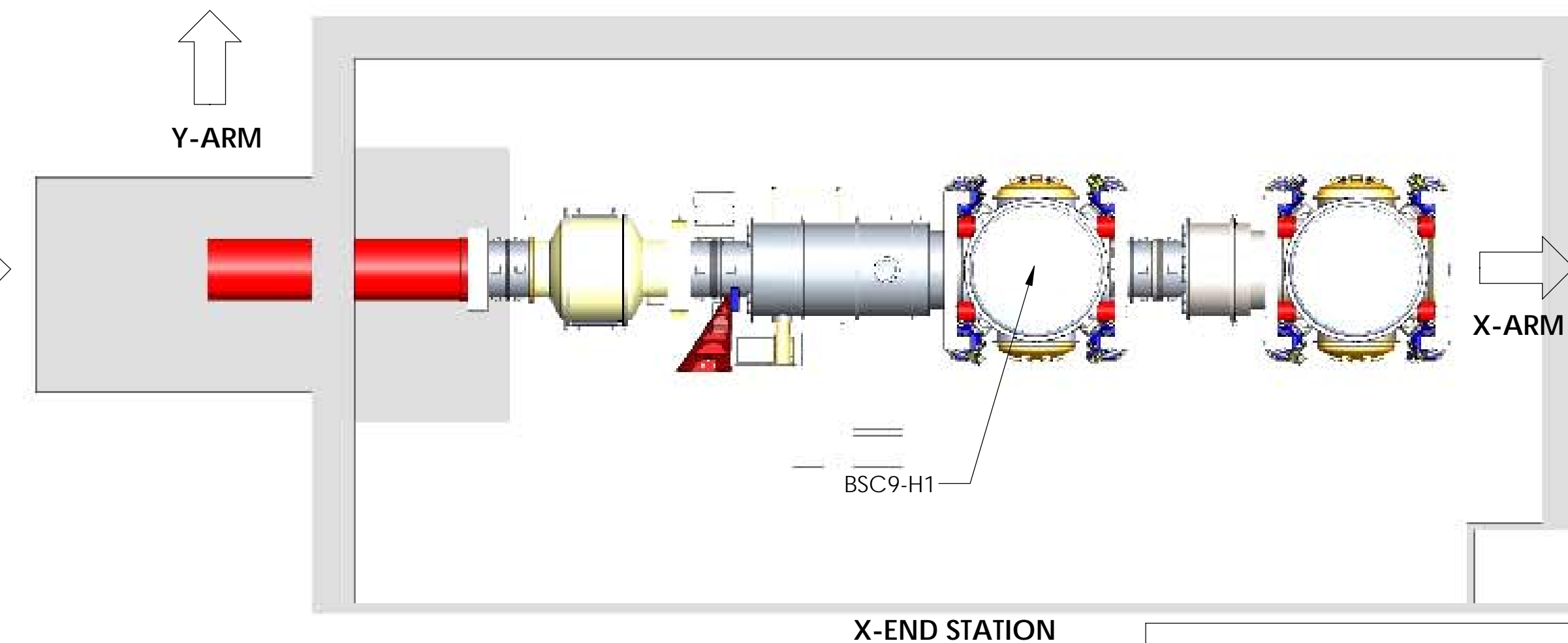
TOP VIEW



LEFT VIEW



FRONT VIEW



X-END STATION

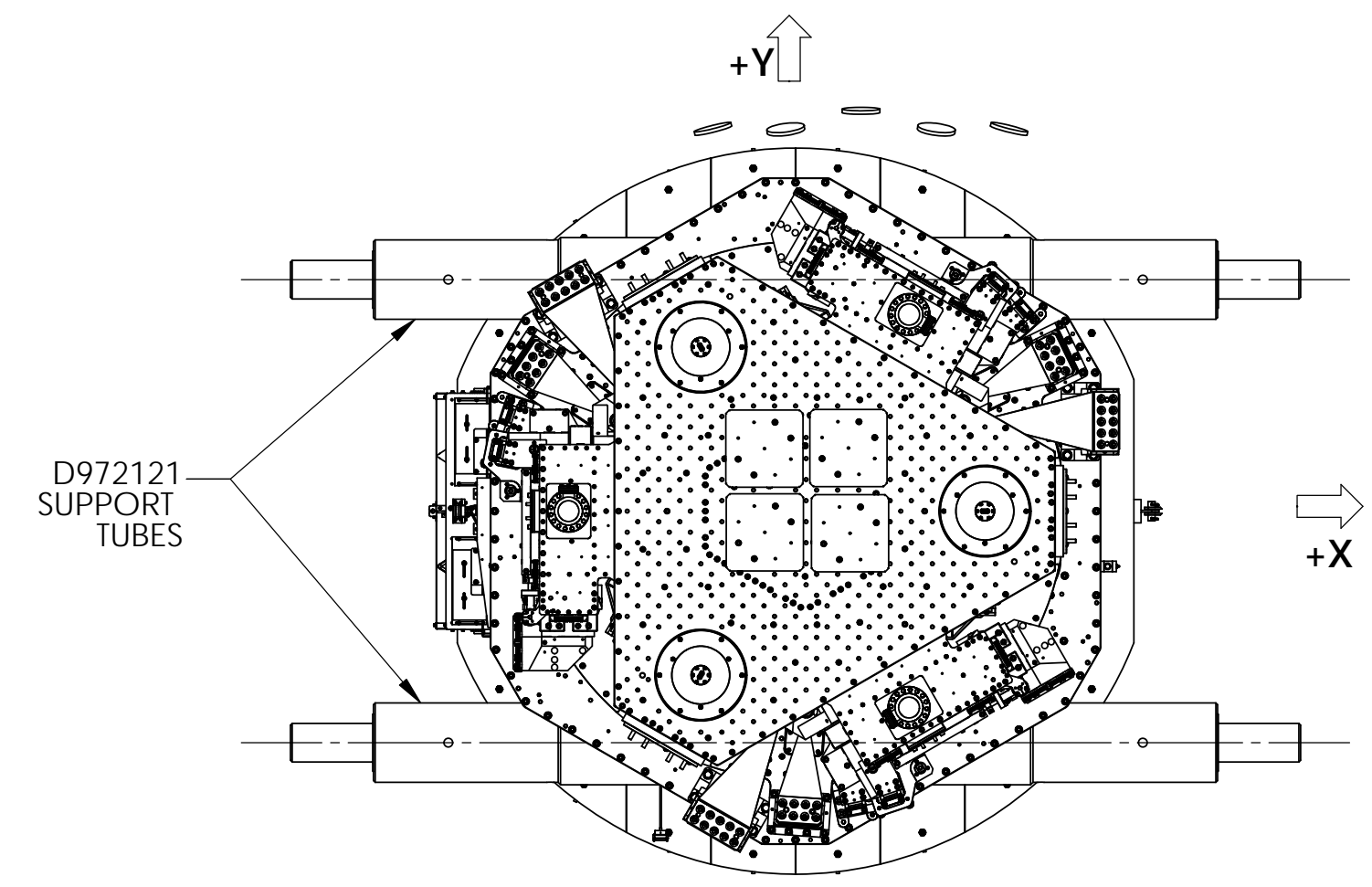
GLOBAL COORDINATES (mm)	
X	4000000.0
Y	0.0
Z	0.0

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

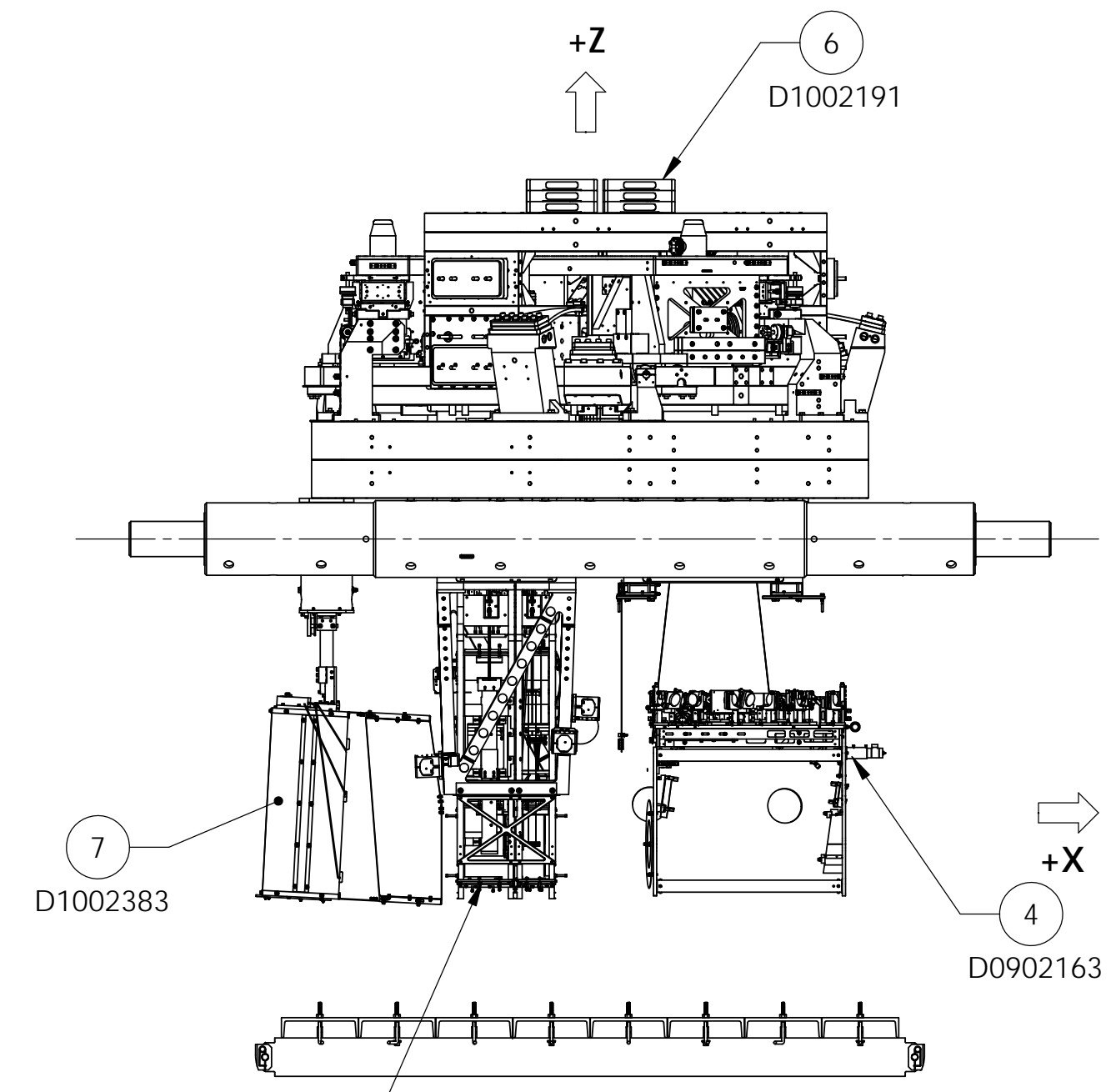
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	SUS
NEXT ASSY	

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

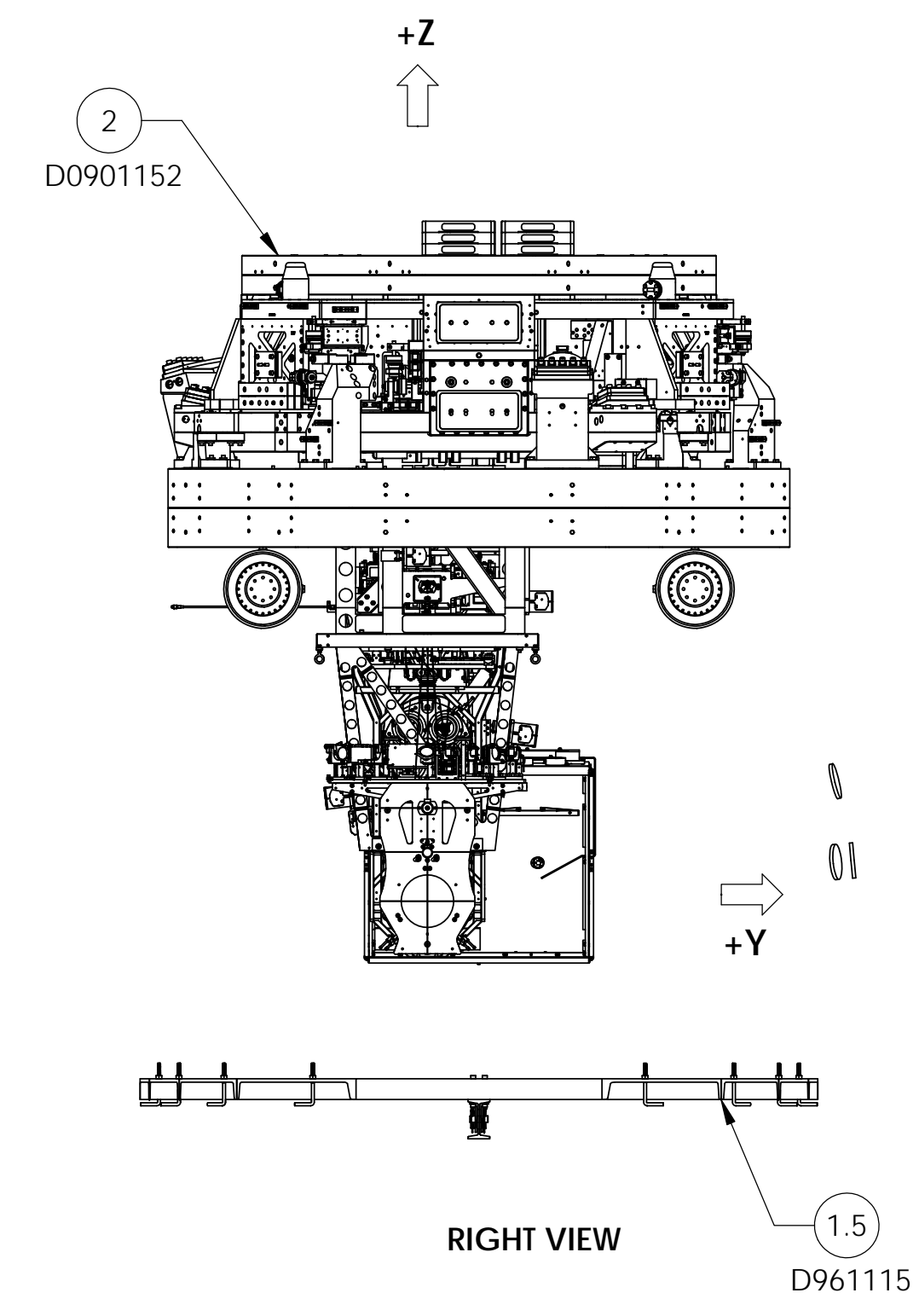
D0901150 AdvLIGO Systems: BSC9-H1 Top Level Chamber Assembly, ALL PART PDM REV. X.056, DRAWING PDM REV. X.000



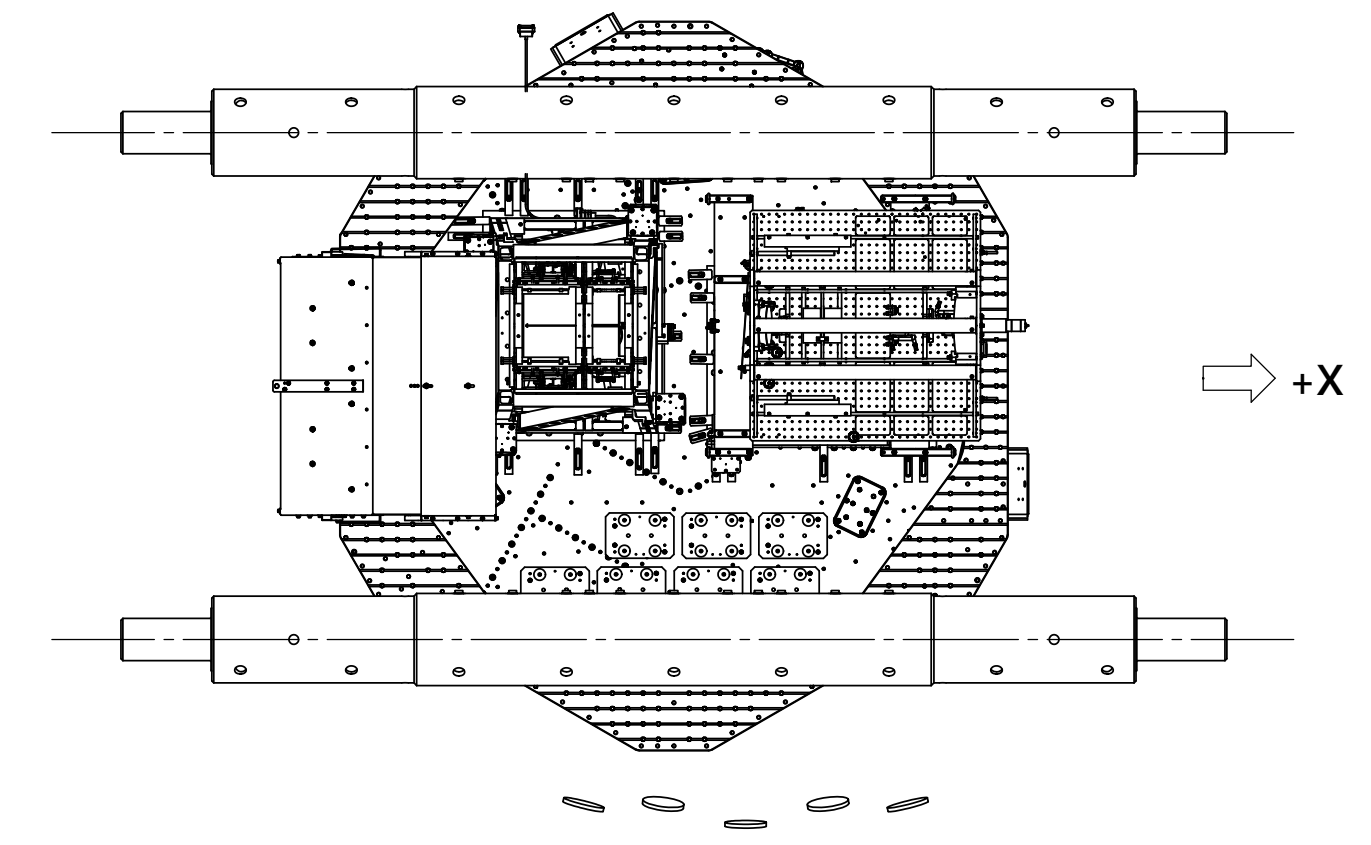
TOP VIEW



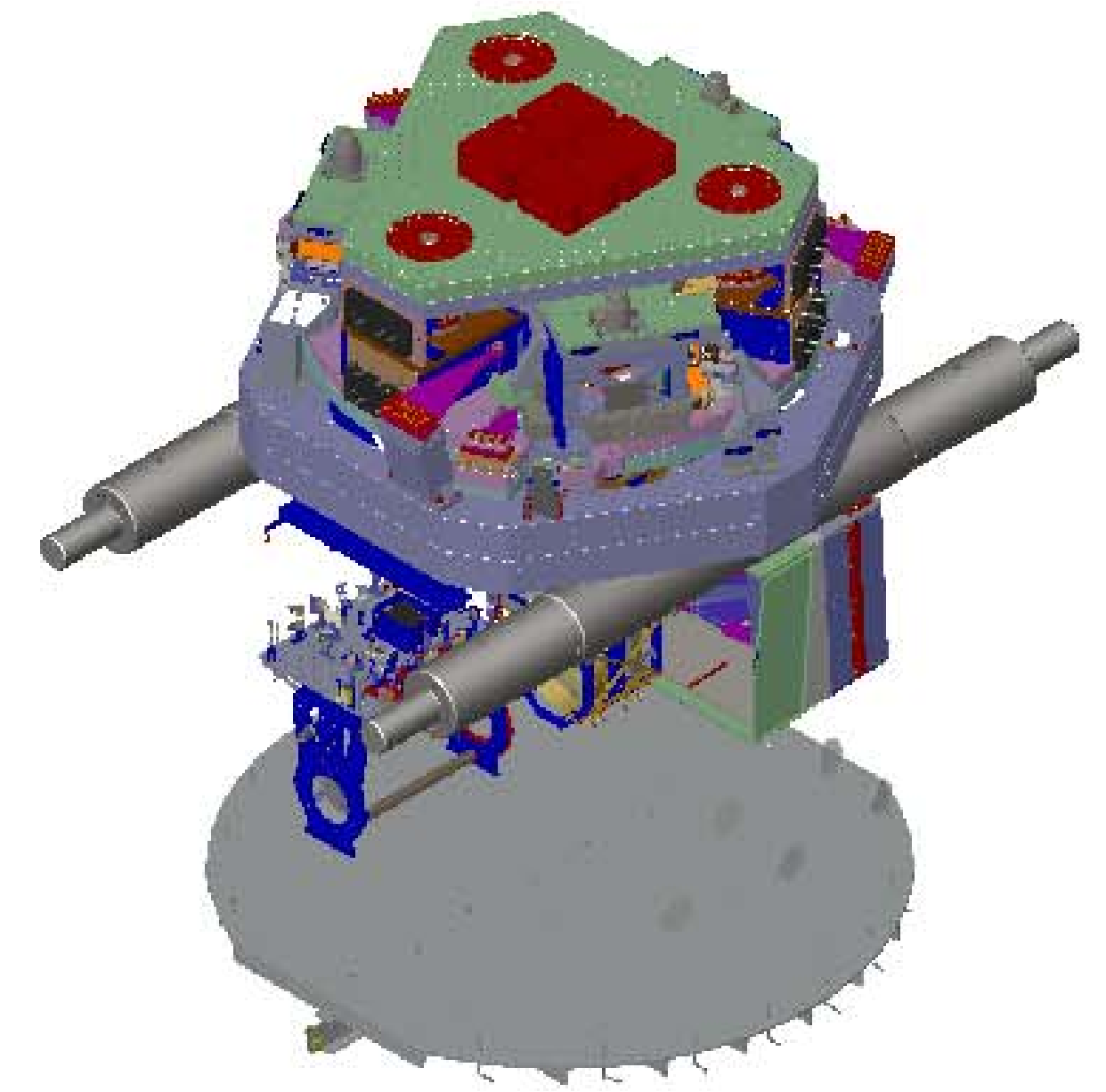
FRONT VIEW



RIGHT VIEW



BOTTOM VIEW



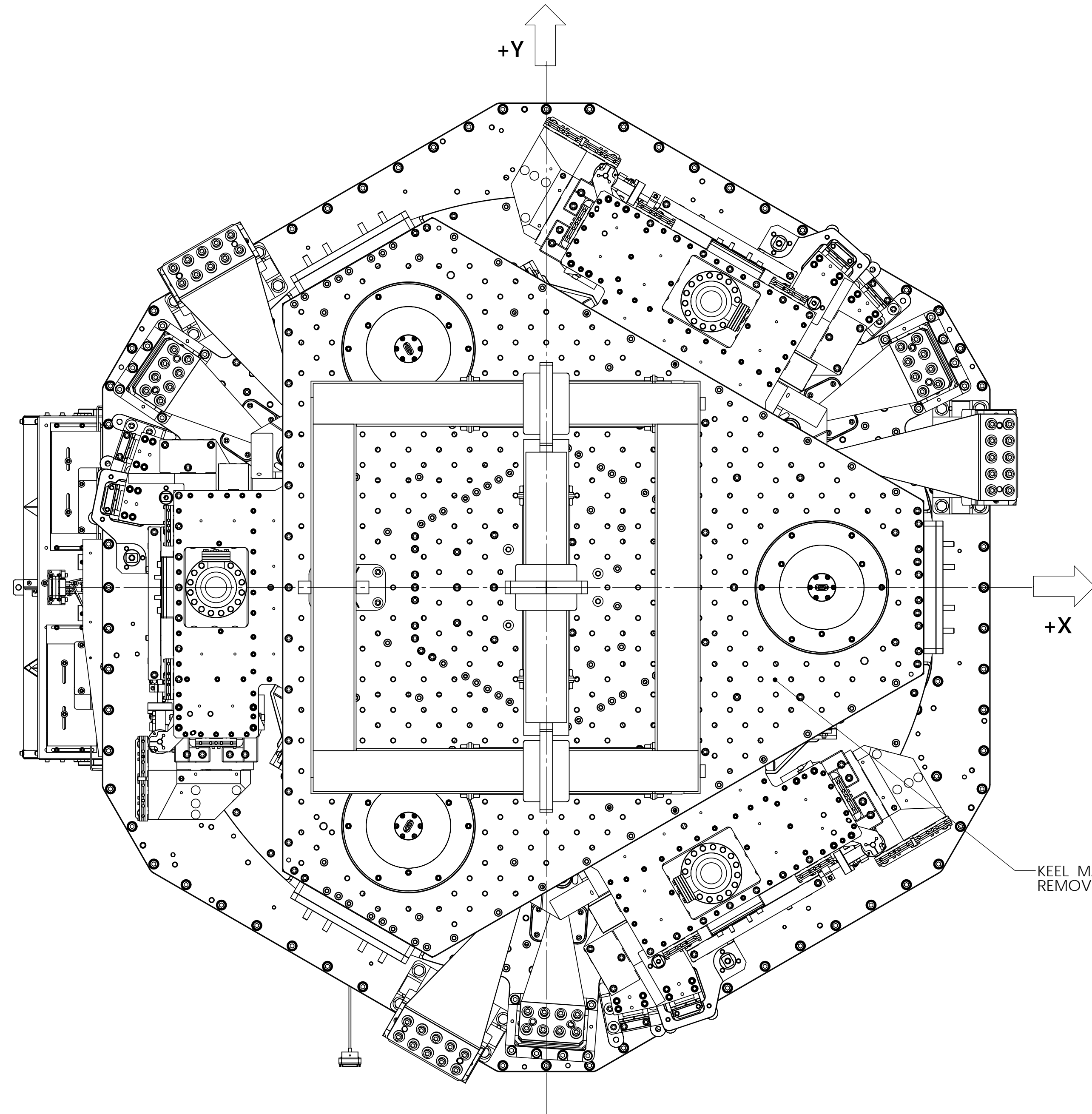
ITEM NO.	PART NUMBER	DESCRIPTION	Full Complete /QTY.
7	D1002383	AdvLIGO SUS BSC9-H1, XYZ Local CS for SLC Arm Cavity Baffle	1
6	D1002191	AdvLIGO BSC9-H1 ISI Table, Payload & Suspended Masses Assy	1
5	D1000513	HEPI ASSEMBLY, BSC aLIGO	1
4	D0902163	AdvLIGO SUS BSC9-H1, XYZ Local CS for ETM Tel Assy	1
3	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

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

SIZE DWG. NO. REV.  
D D0901150 v5

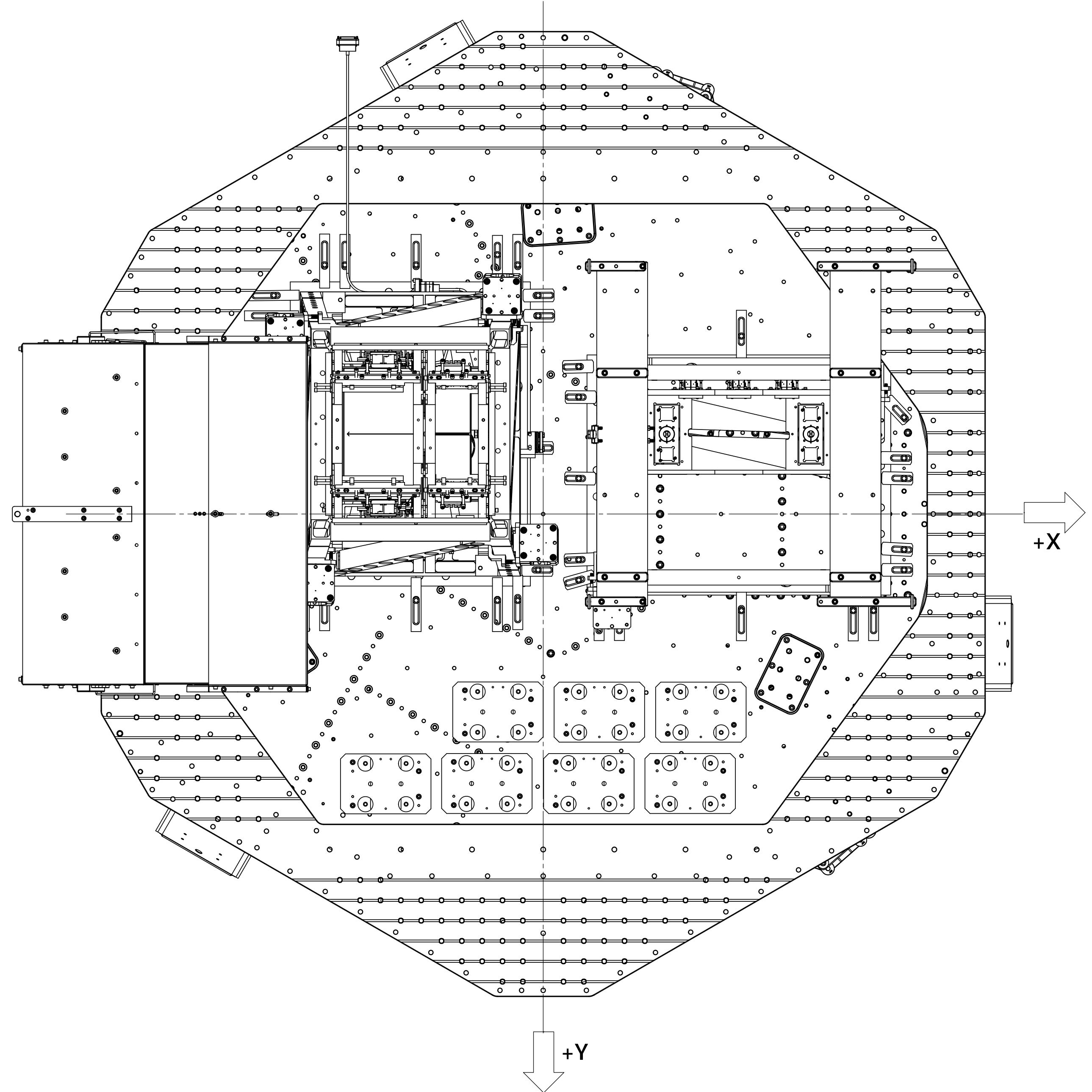
SCALE: 1:25 PROJECTION: SHEET 2 OF 3

D0901150 AdvLIGO Systems, BSC9-H1 Top Level Chamber Assembly, ALL PART PDM REV. X.056, DRAWING PDM REV. X.000



KEEL MASSES  
REMOVED FOR CARTRIDGE

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



**BOTTOM VIEW  
(LOOKING UP)**

<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D0901150	v5
SCALE: 1:10	PROJECTION:	SHEET 3 OF 3

D0901150-ADM-LIGO Systems, BCS-H1 Top Level Chamber Assembly, ALL PART PDM REV. X-056, DRAWING PDM REV. X-000