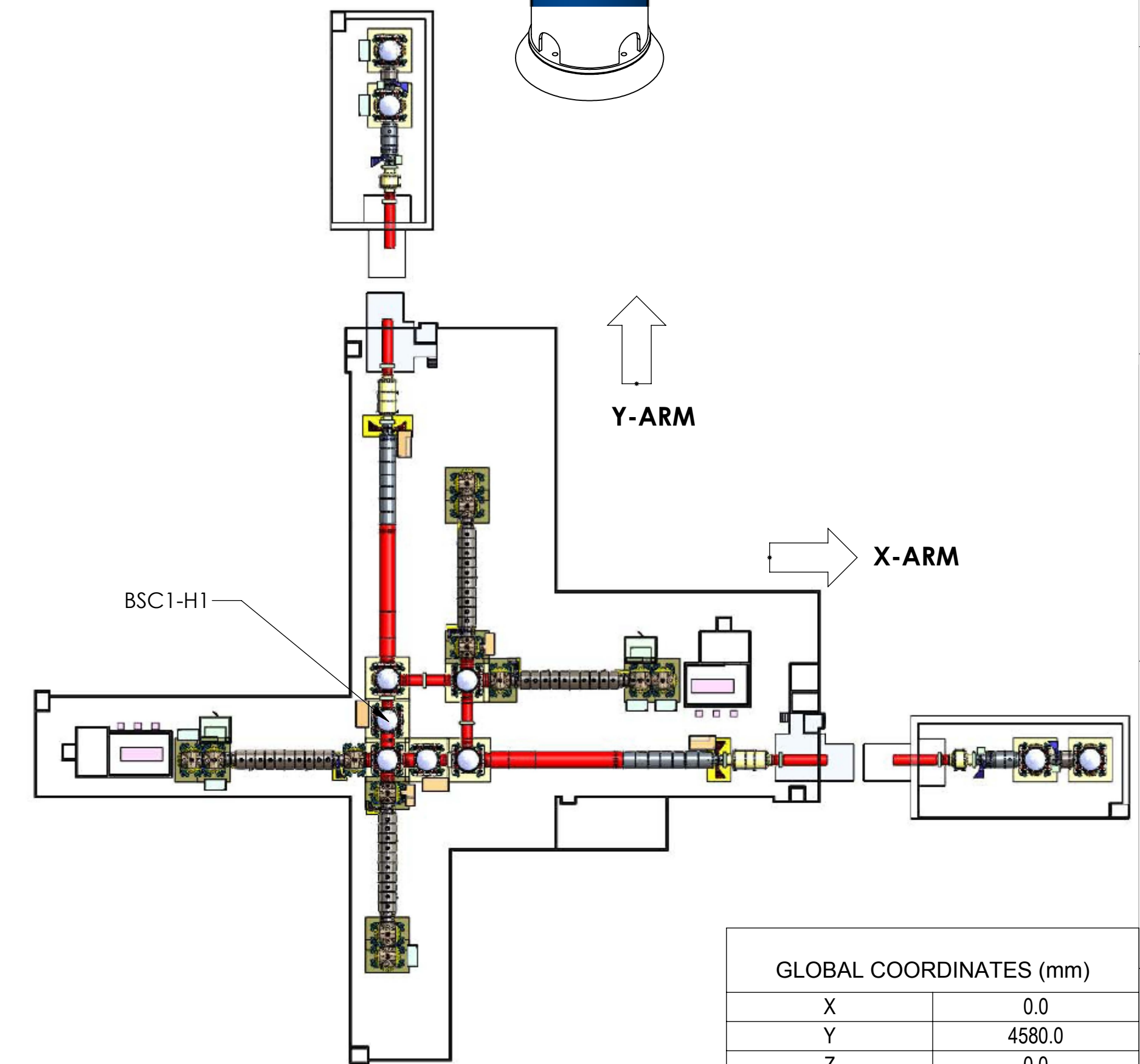
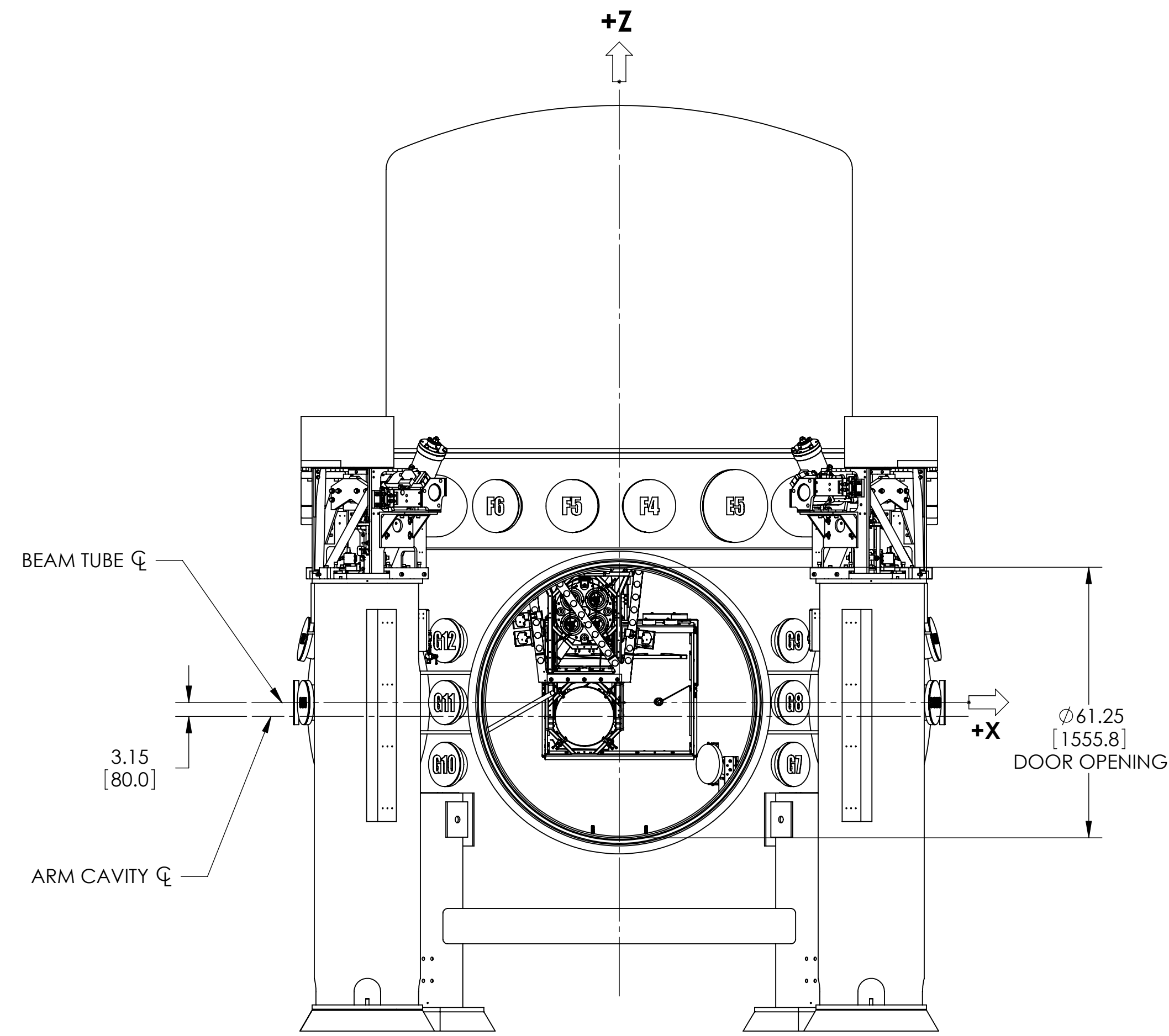
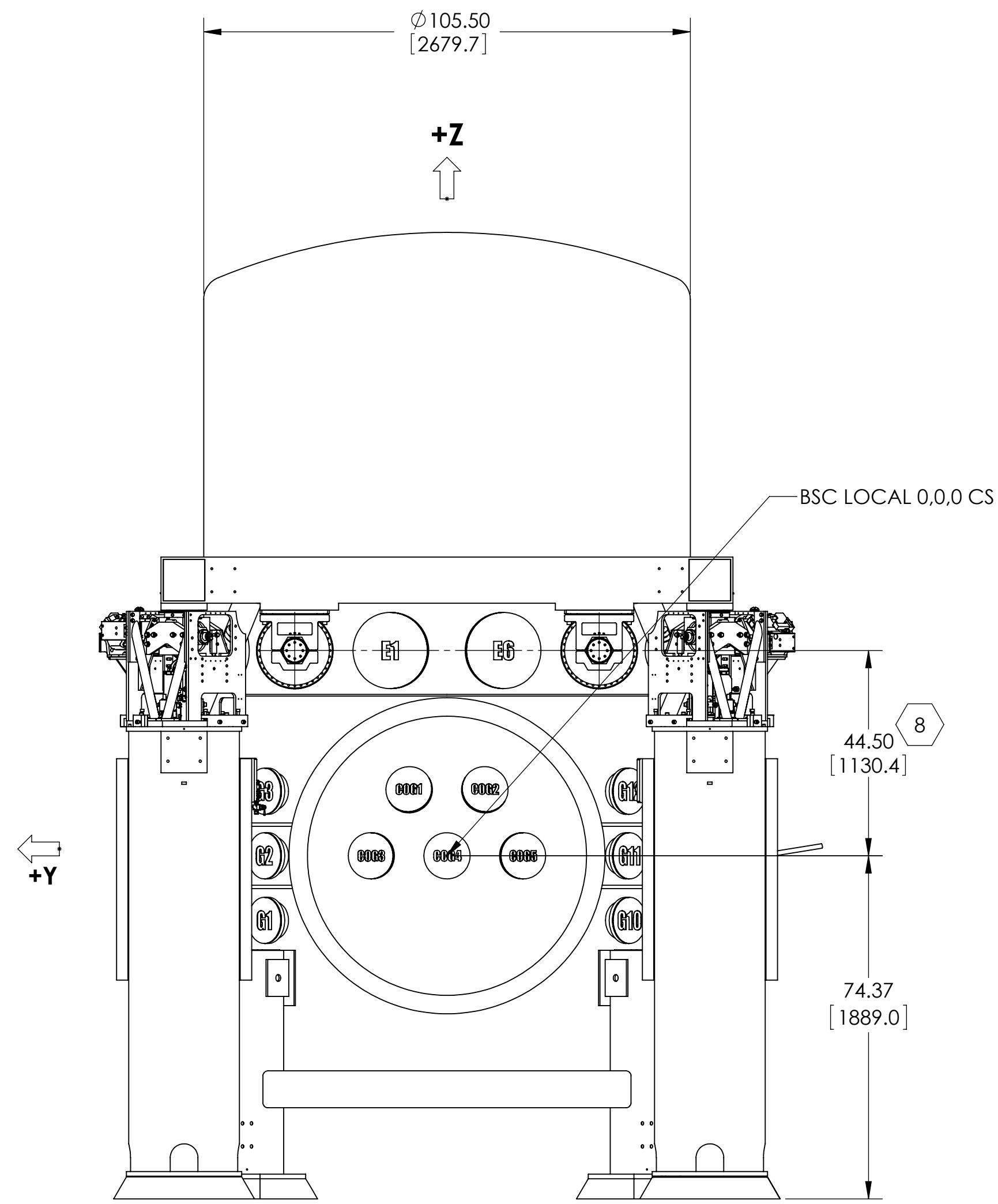
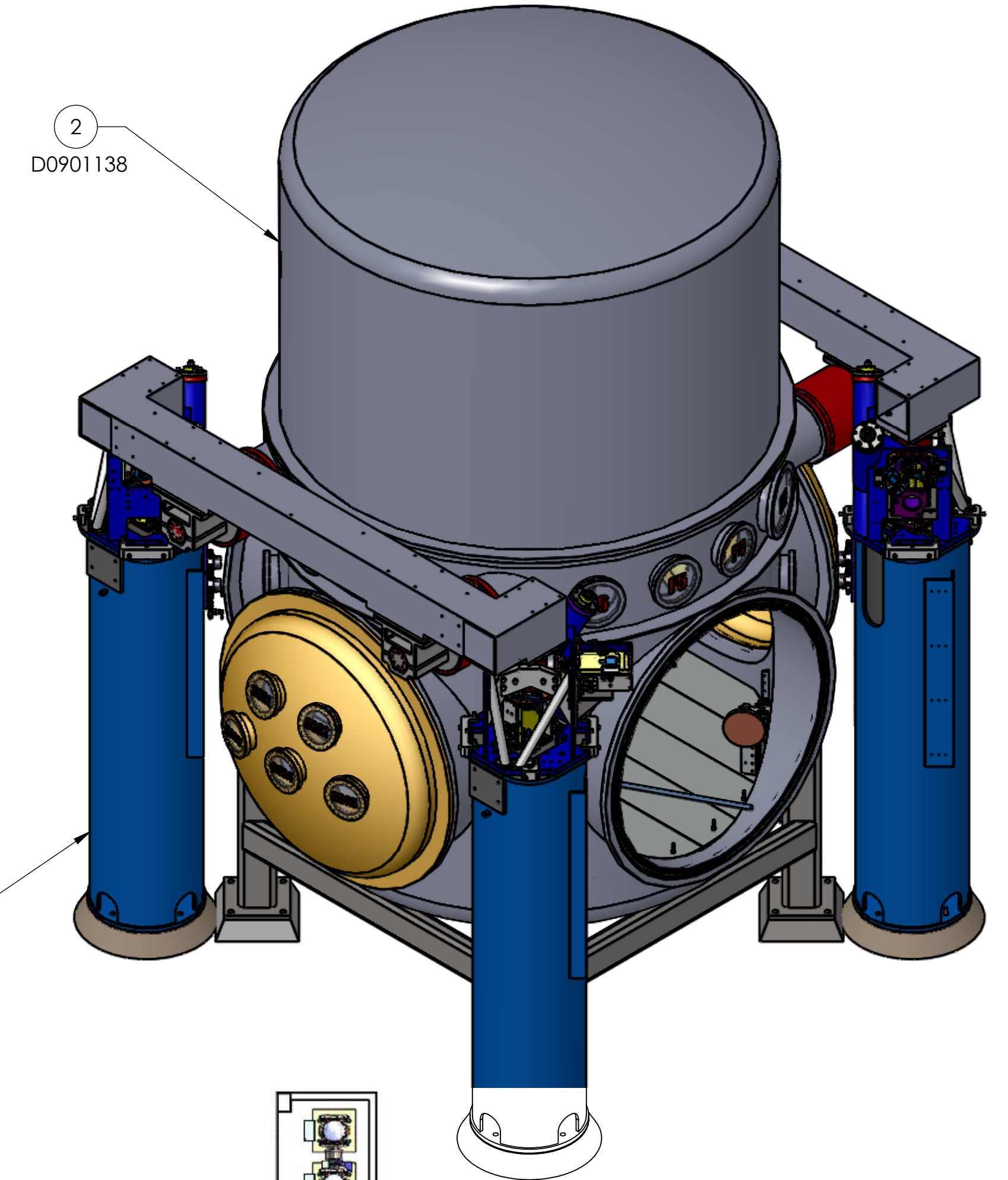
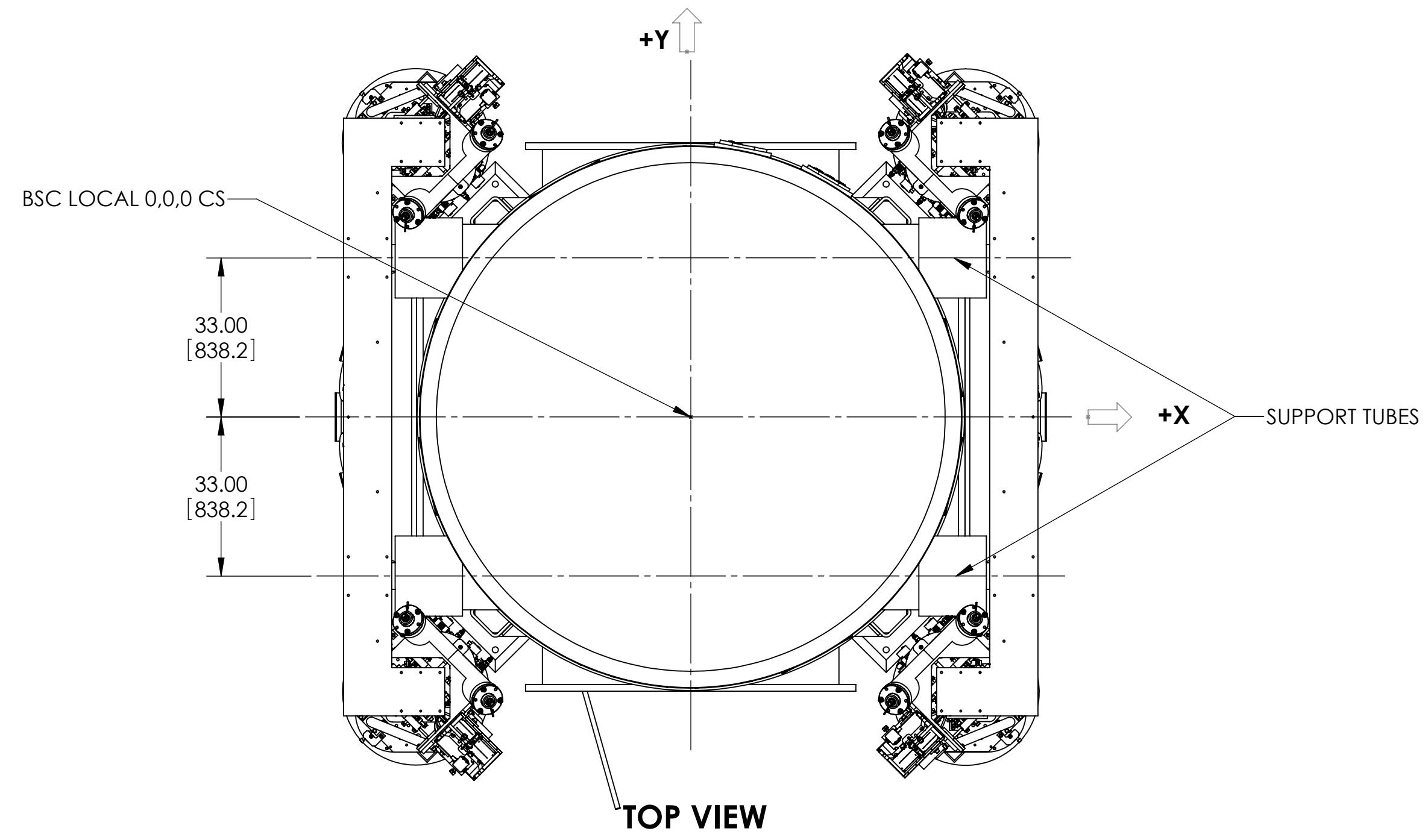


5. REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION.
6. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION.
7. REFER TO T1100292 FOR VIEWPORT DEFINITION
8. DIMENSION WRT LOCAL BUILDING CS. REFER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBES END



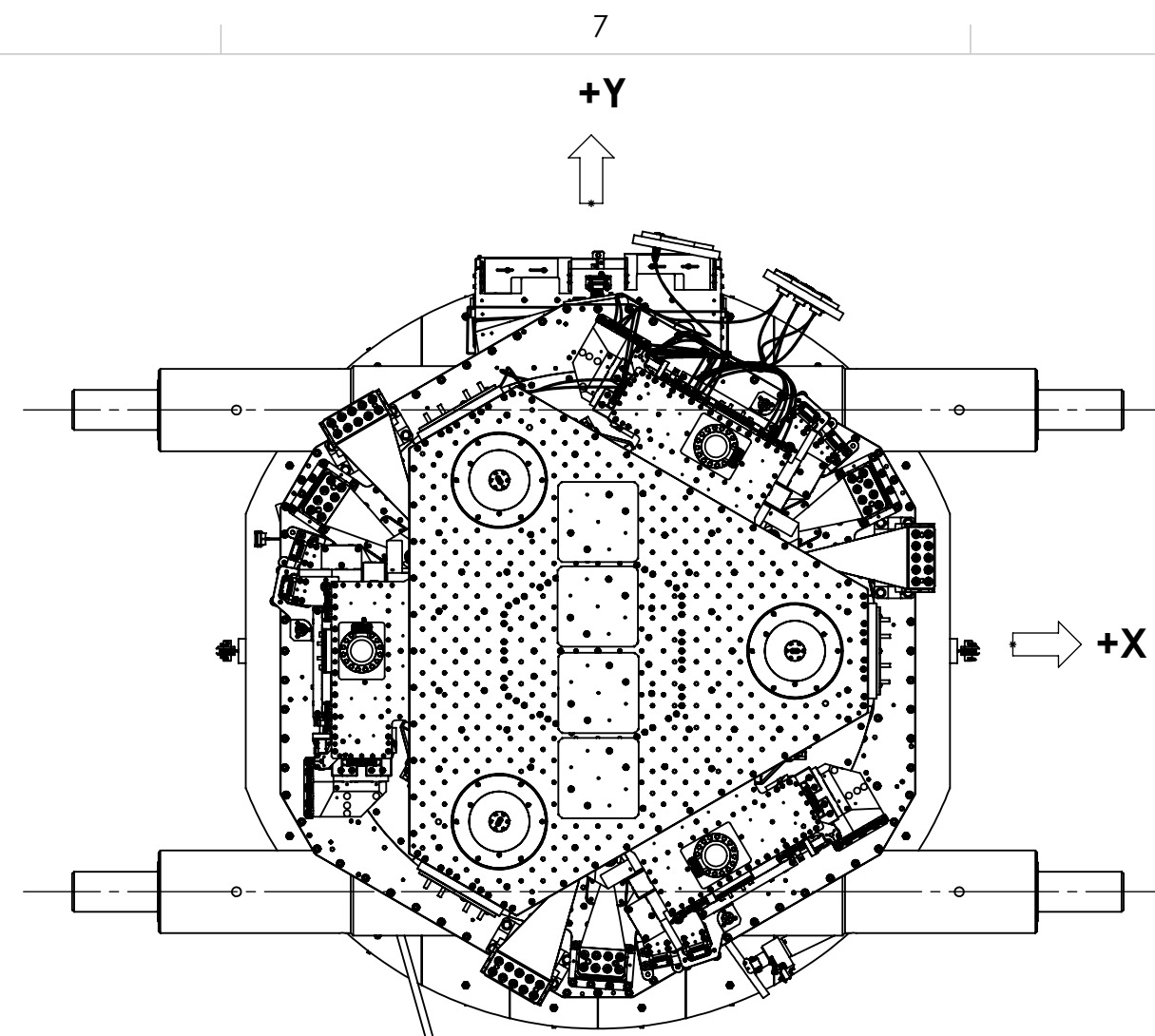
GLOBAL COORDINATES (mm)	
X	0.0
Y	4580.0
Z	0.0

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
--	-- μinch

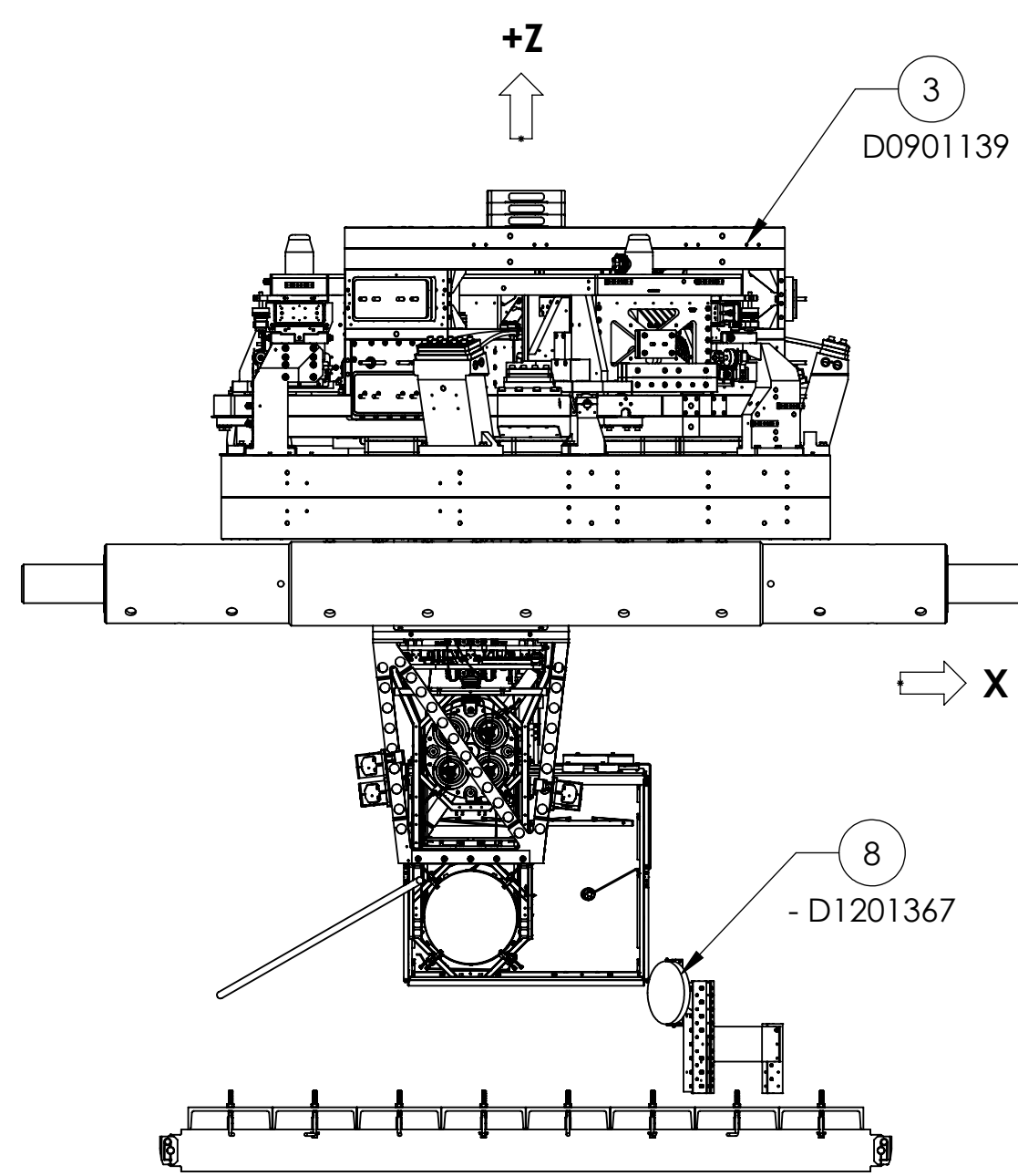
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	SUS
NEXT ASSY	

PART NAME		DESIGNER		SIZE	DWG. NO.	REV.
AdvLIGO Systems, BSC1-H1 Top Level Chamber Assembly		ED CHAVEZ			D	v5
DRAFTER		CHECKER		SCALE: 1:24		PROJECTION:
21 OCT 2009				D0901137		SHEET 1 OF 3

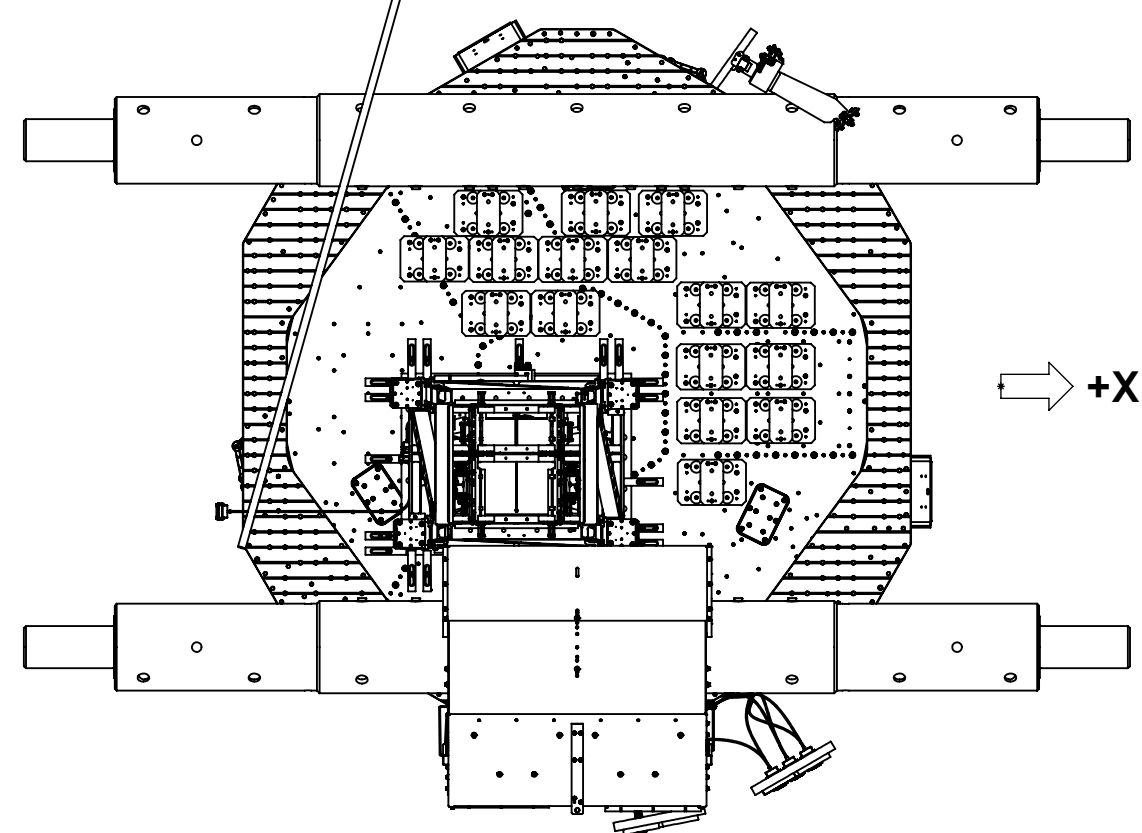
D0901137 AdvLIGO Systems, BSC1-H1 Top Level Chamber Assembly, PART PDM REV: X.060, DRAWING PDM REV: X.000



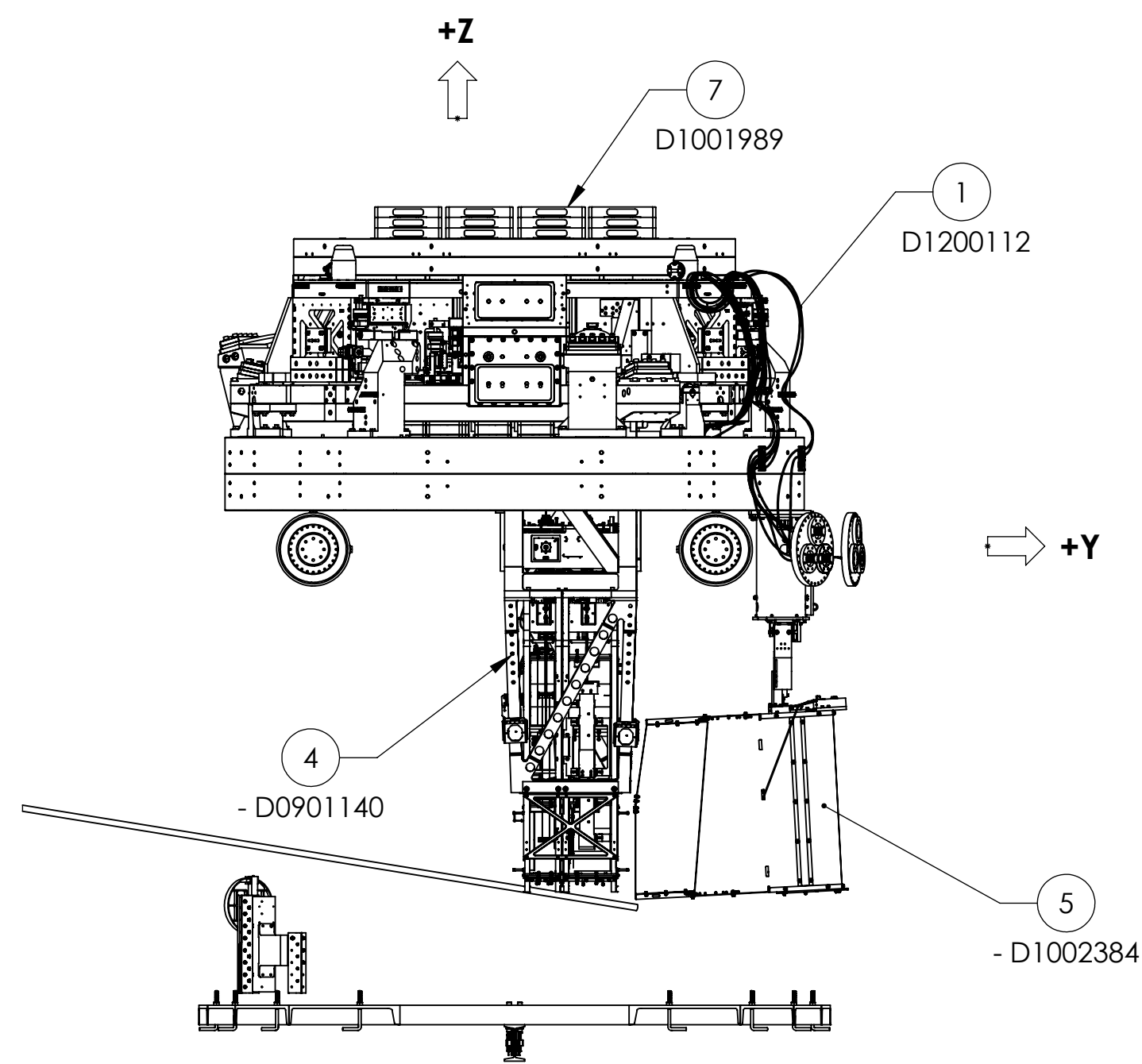
TOP VIEW



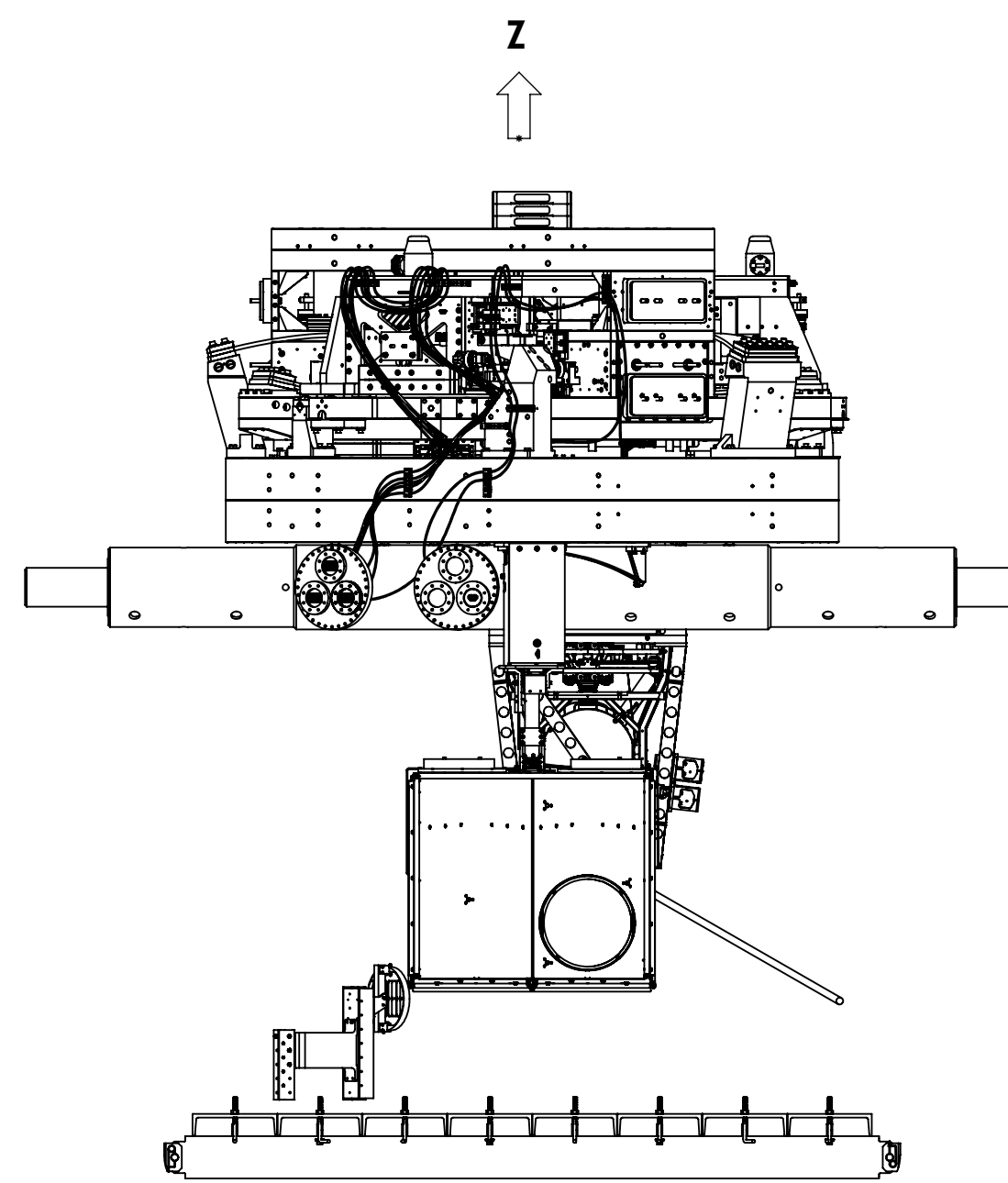
FRONT VIEW



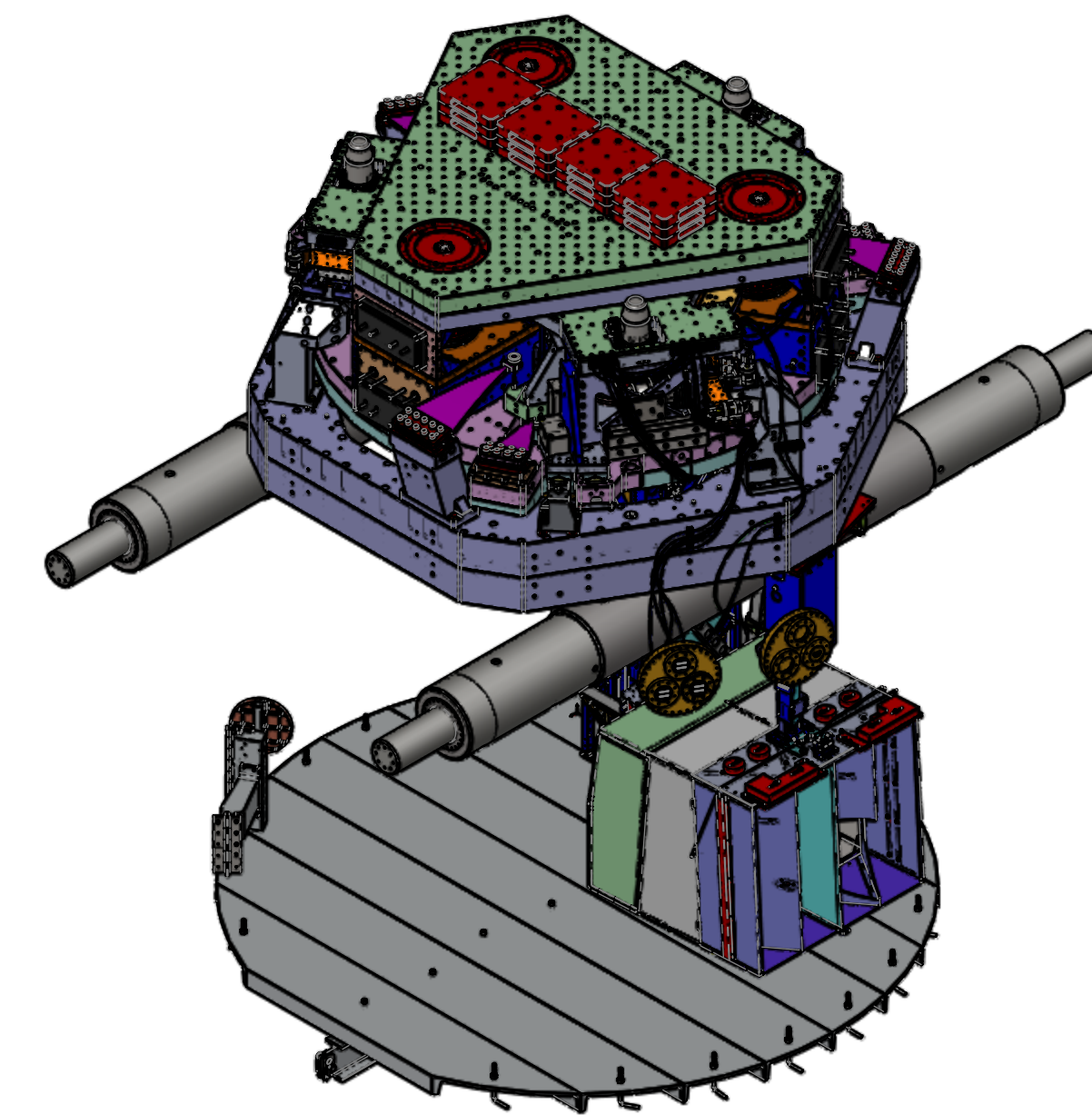
BOTTOM VIEW



RIGHT VIEW



BACK VIEW



8	D1201367	AdvLIGO SUS BSC1-H1, XYZ Local CS for TCS CO2P Steering Mirror	1
7	D1001989	AdvLIGO BSC1-H1 ISI Table, Payload & Suspended Masses Assy	1
6	D1000513	HEPI ASSEMBLY, BSC aLIGO	1
5	D1002384	AdvLIGO SUS BSC1-H1, XYZ Local CS for SLC Arm Cavity Baffle	1
4	D0901140	AdvLIGO SUS BSC1-H1, XYZ Local CS for ITMY	1
3	D0901139	AdvLIGO, Seismic Isolation Table	1
2	D0901138	AdvLIGO VE BSC1-H1, Vacuum Equipment Assembly	1
1	D1200112	ALIGO, CABLE HARNESS ROUTING, BSC1	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. REV.

D **D0901137** **v5**

SCALE: 1:25 PROJECTION: SHEET 2 OF 3

D0901137 AdvLIGO Systems, BSC1-H1 Top Level Chamber Assembly, PART PDM REV: X-060, DRAWING PDM REV: X-000

8 7 6 5 4 3 2 1

H G F E D C B A

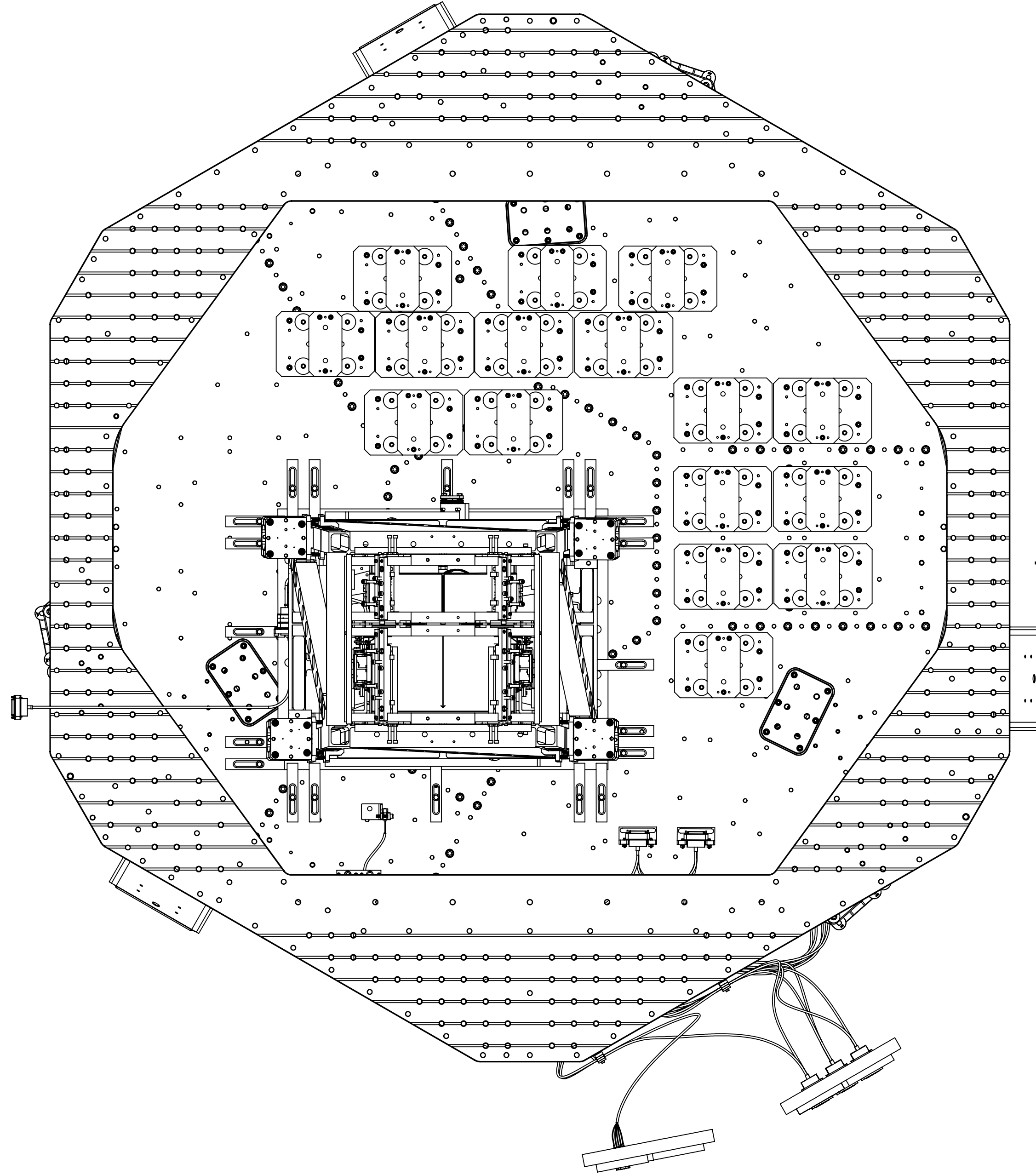
+Y
↑

+X
→

D1003140
SPREADED BAR
ADDED FOR CARTRIDGE

KEEL MASS REMOVED
FOR CARTRIDGE

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



+X
→

+Y
↓

**BOTTOM VIEW
(LOOKING UP)**

		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE	DWG. NO.	REV.	
D	D0901137	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

DD0901137 Adv/LIGO Systems, BSC:HI Top Level Chamber Assembly, PART:PDW,REV:X.060, DRAWING:PDW,REV:X.000