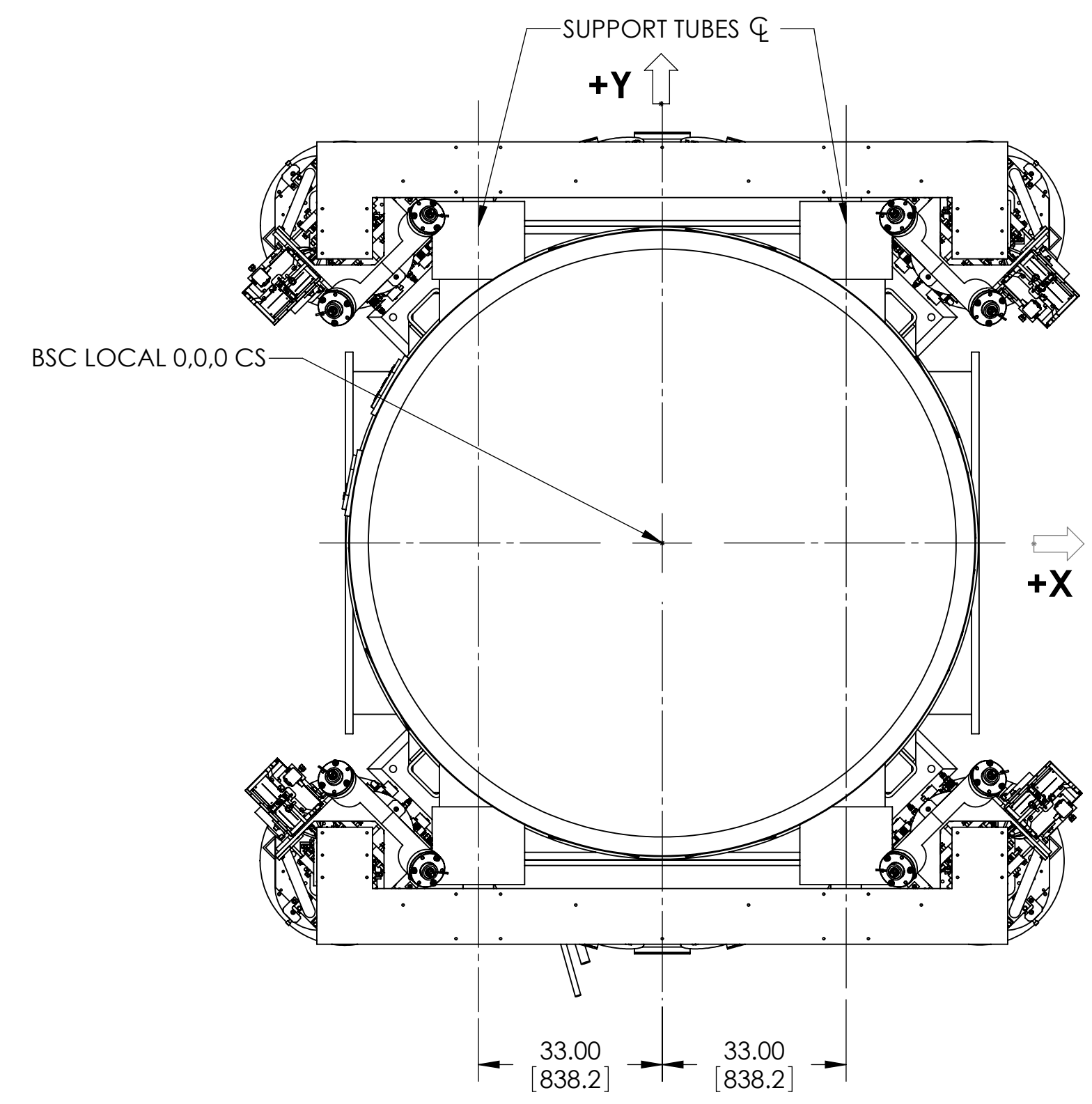
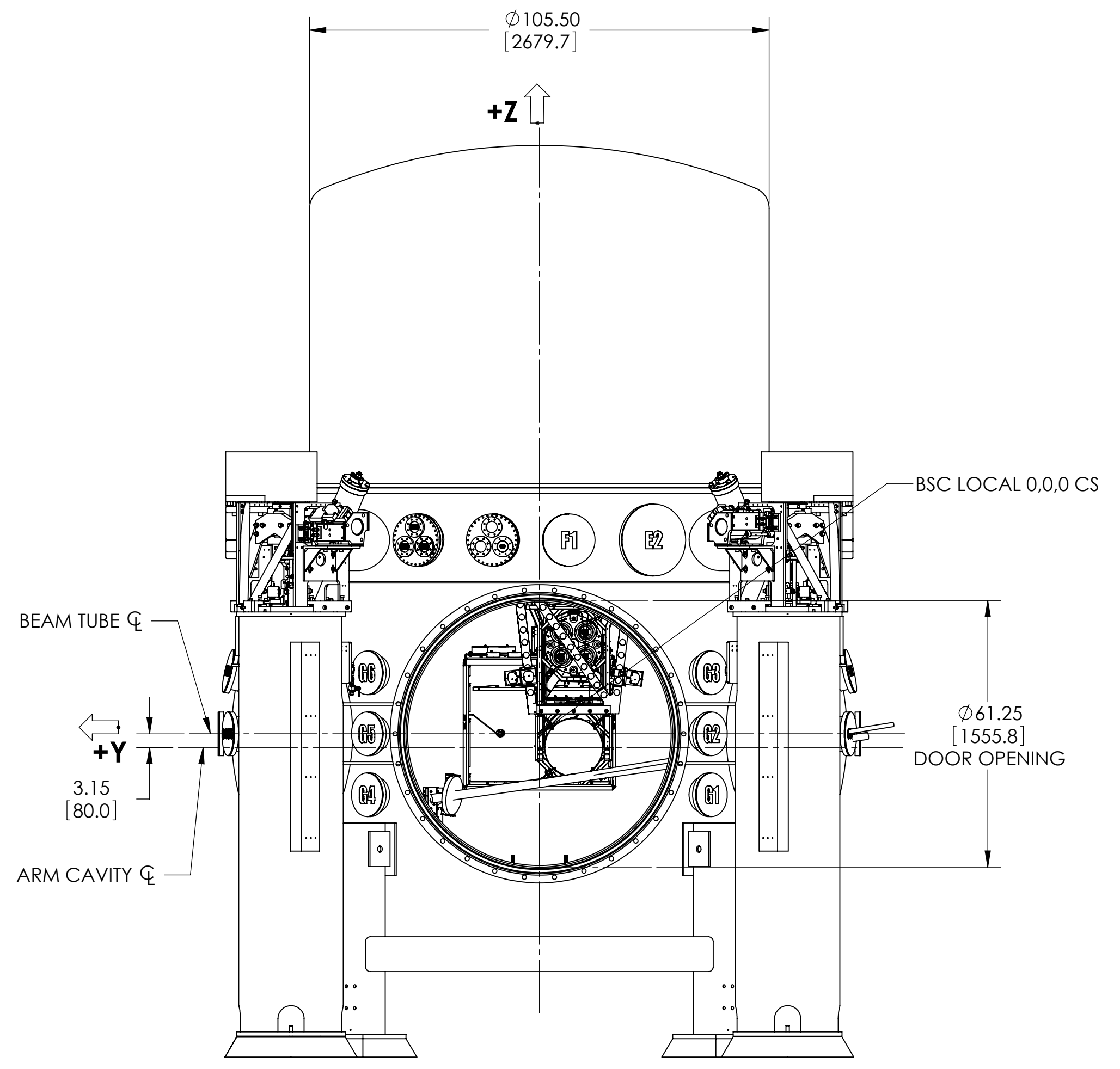
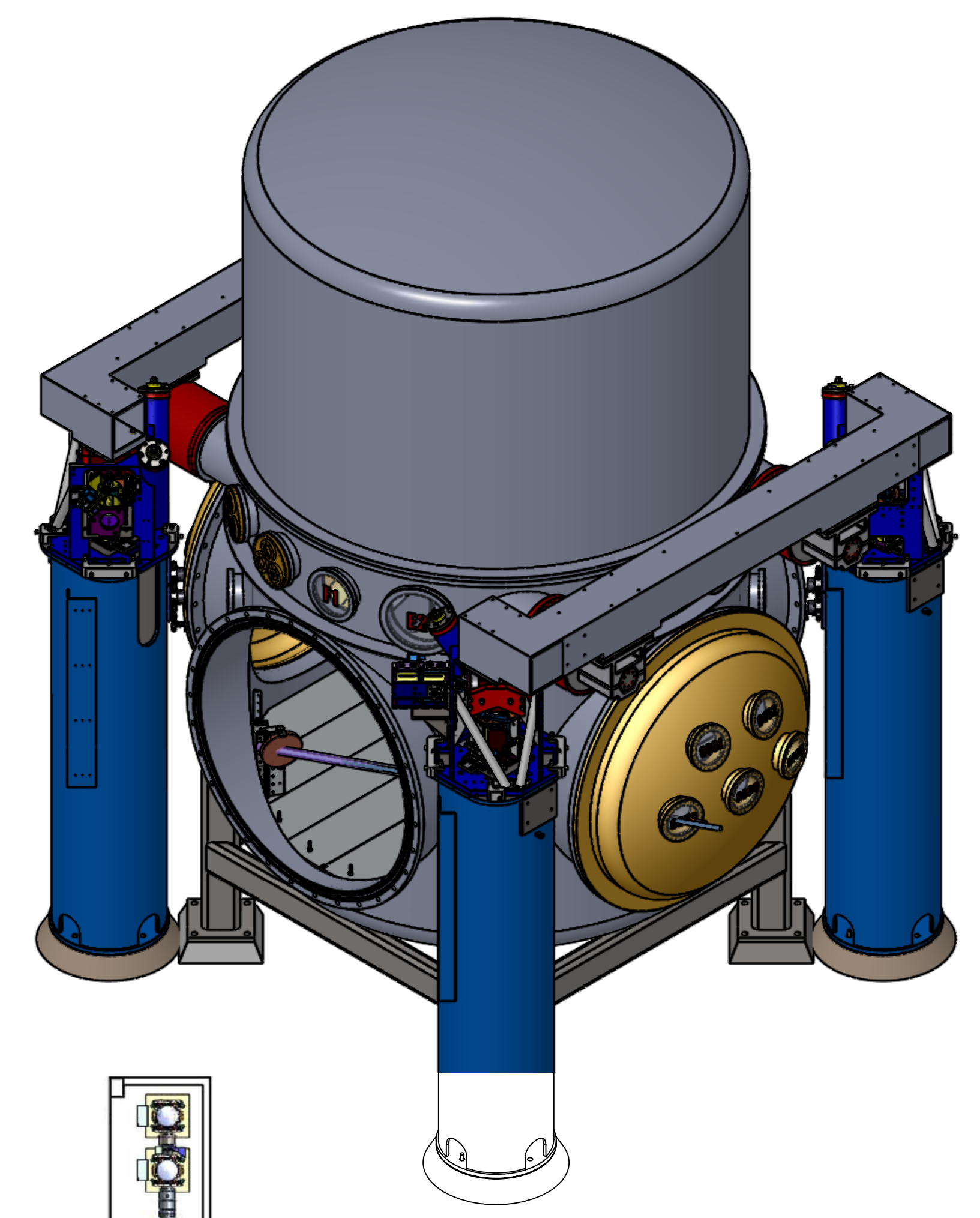


5. REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION.
6. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION.
7. REFER TO T1100292 FOR VIEWPORT DEFINITIONN
8. REFEER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBES ENDS

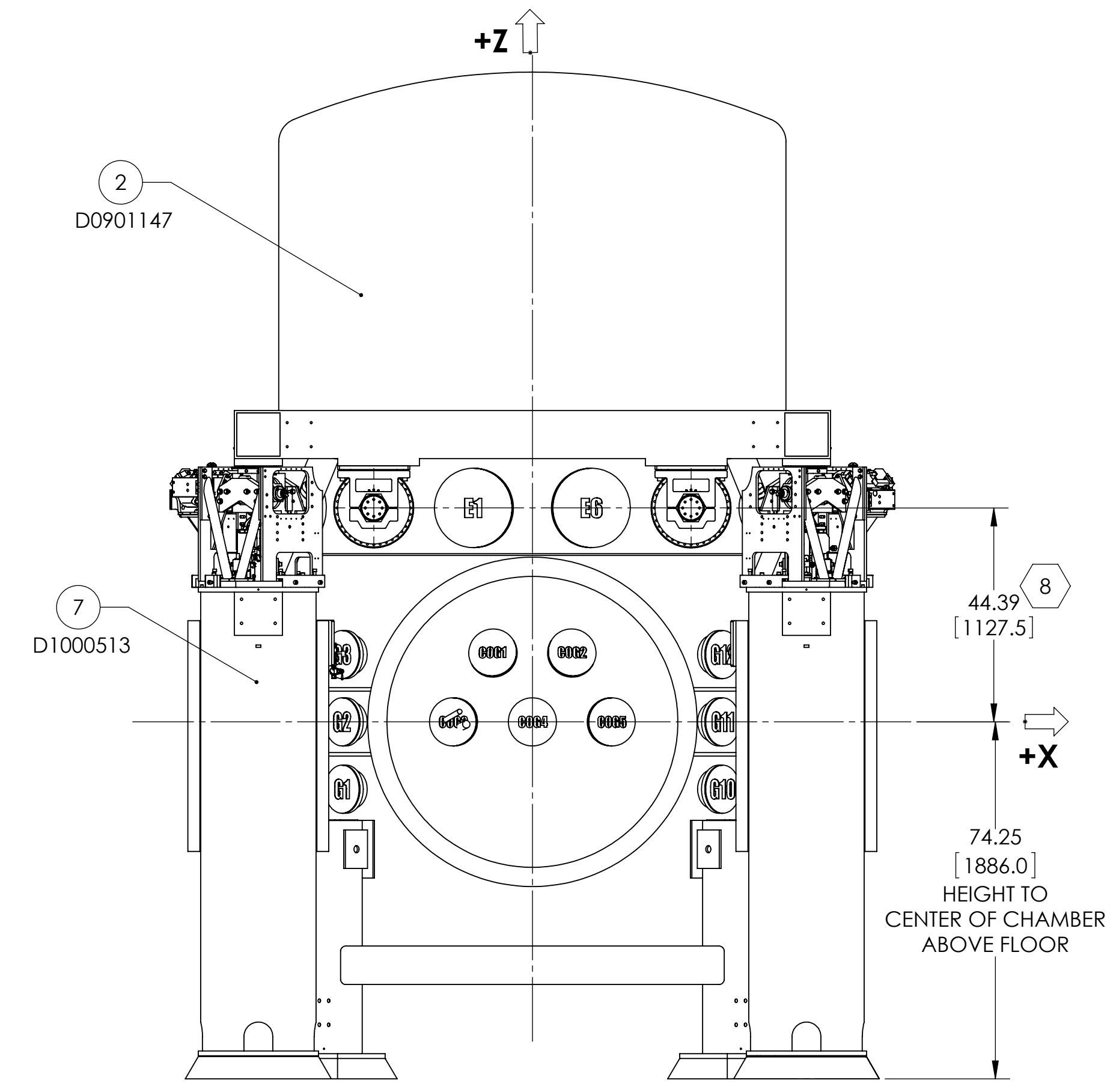
REV.	DATE	DCN #	DRAWING TREE #
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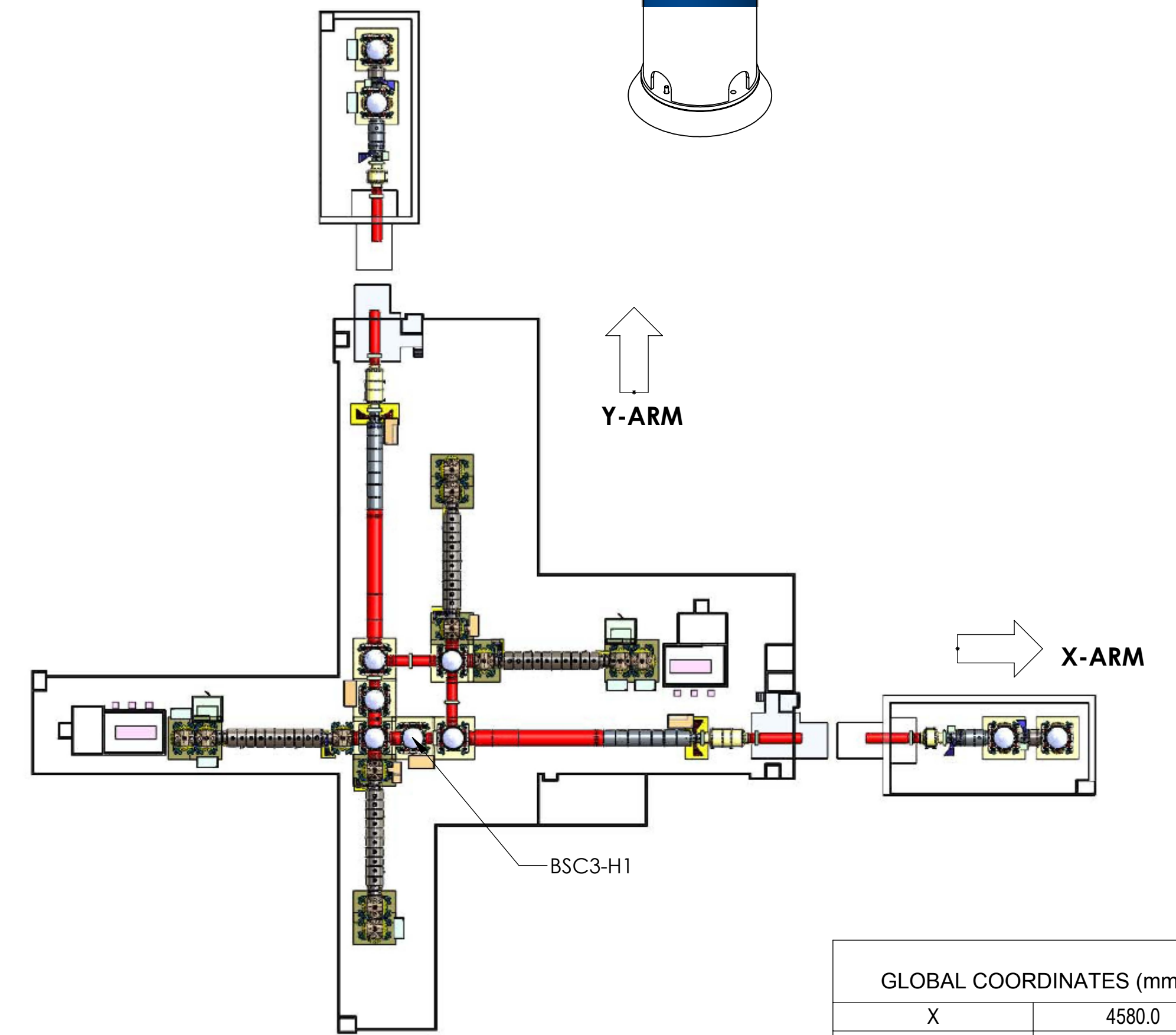
TOP VIEW



LEFT VIEW



FRONT VIEW



GLOBAL COORDINATES (mm)	
X	4580.0
Y	0.0
Z	0.0

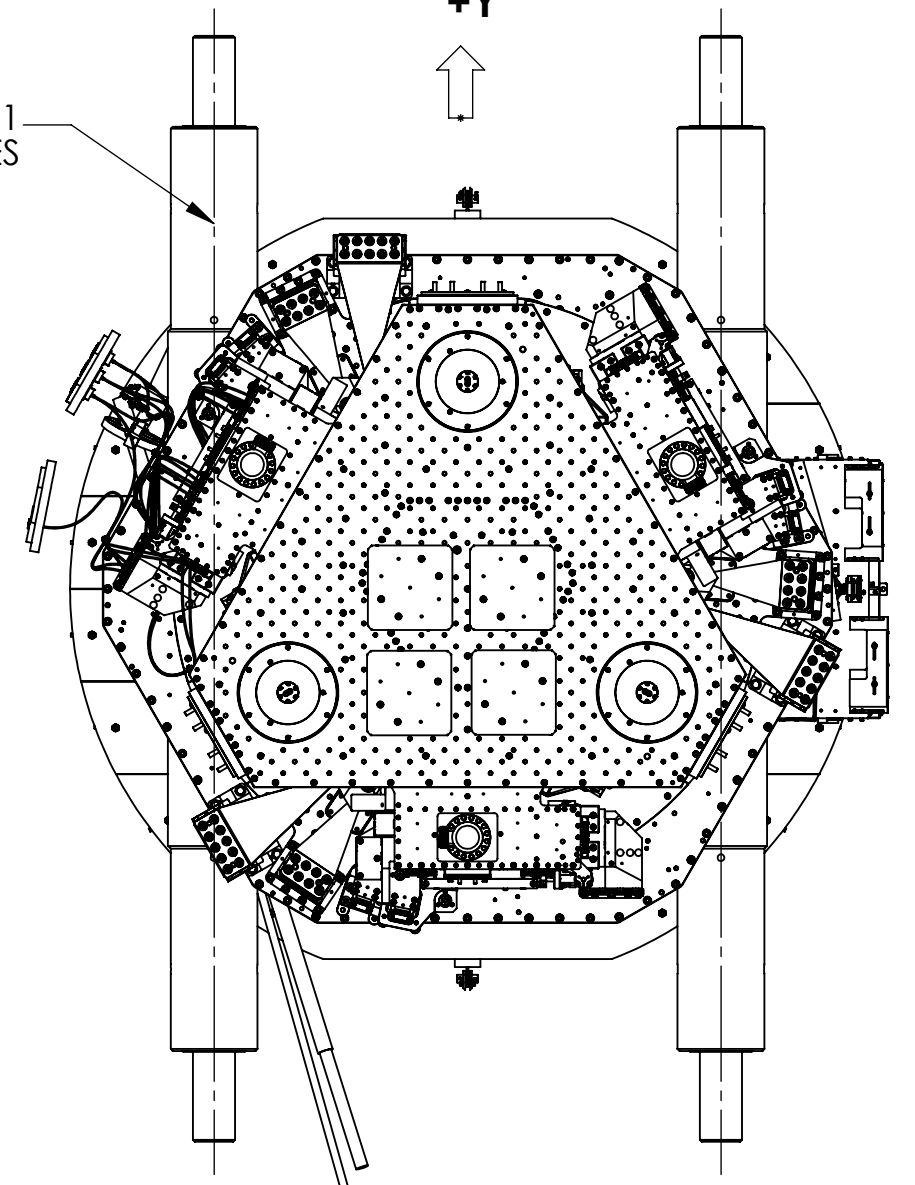
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
1. INTERPRET DRAWING PER ASME Y14.5-1994.	
2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.	
3. DO NOT SCALE FROM DRAWING.	
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL	FINISH
--	-- μ inch

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

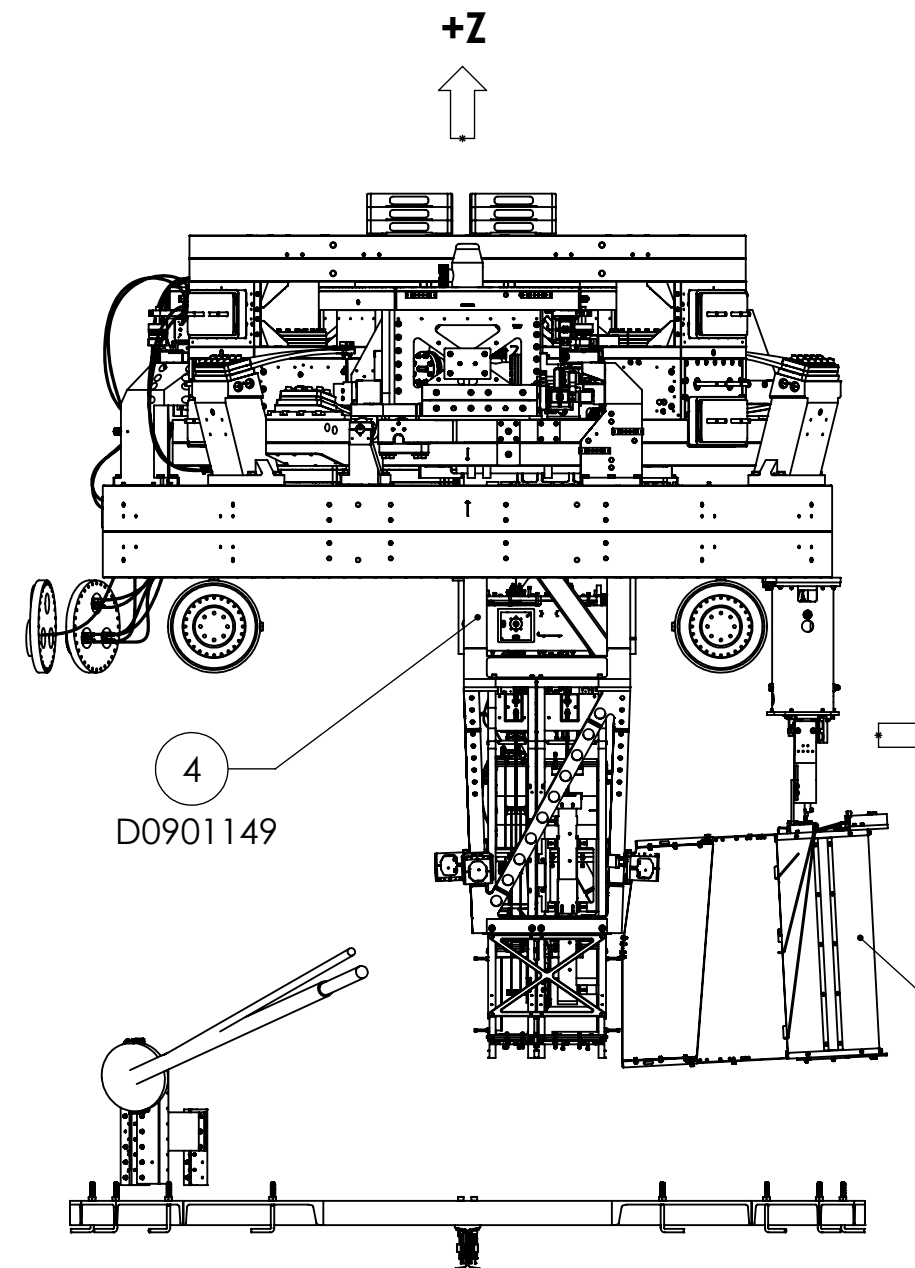
PART NAME		BSC3-H1 Top Level Chamber Assembly, Fully Defined	
DESIGNER	ED CHAVEZ	DATE	05 DEC 2012
DRAFTER		CHECKER	
APPROVAL		SCALE	1:24
		PROJECTION	
		SHEET 1 OF 3	

D0901146-AdvLIGO Systems: BSC3-H1 Top Level Chamber Assembly, ALL PART FDM REV: X046, DRAWING FDM REV: X000

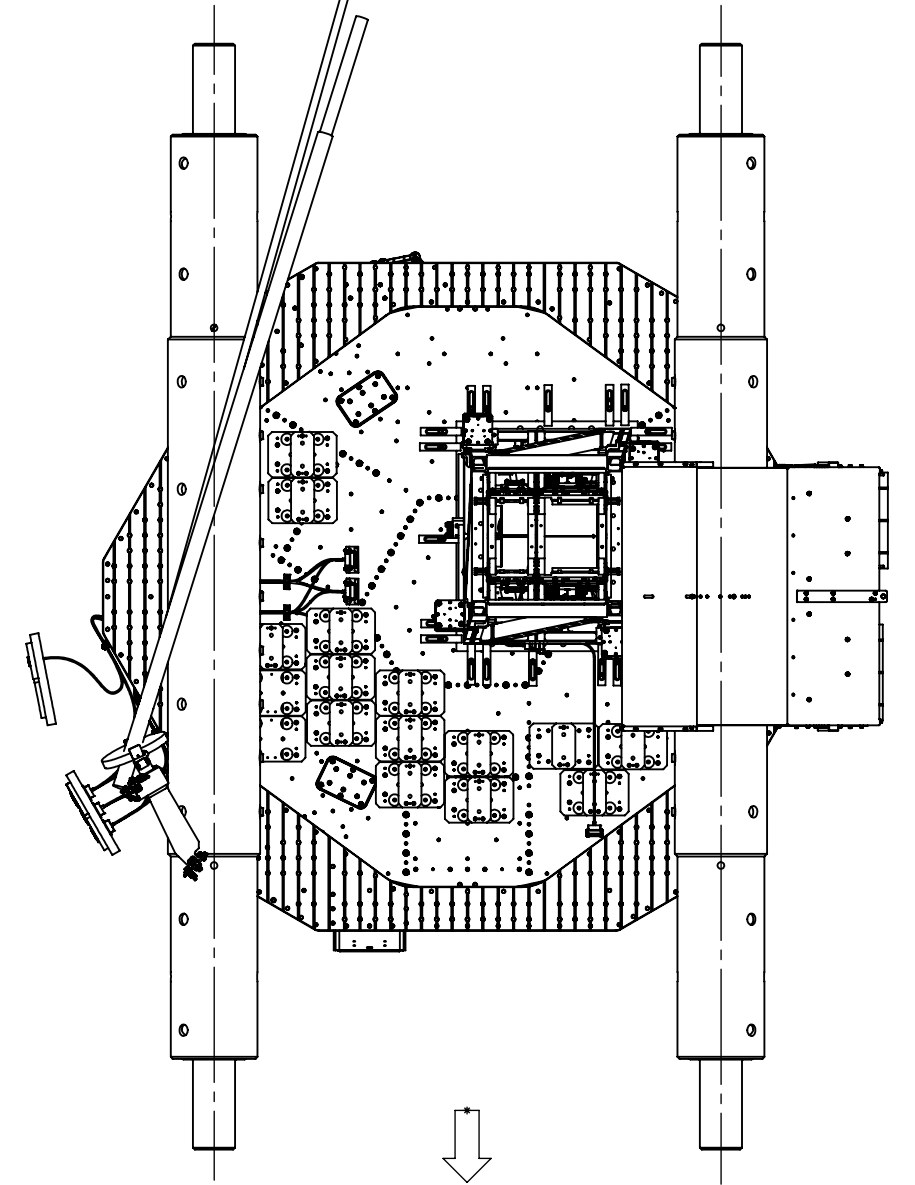
D972121
SUPPORT TUBES



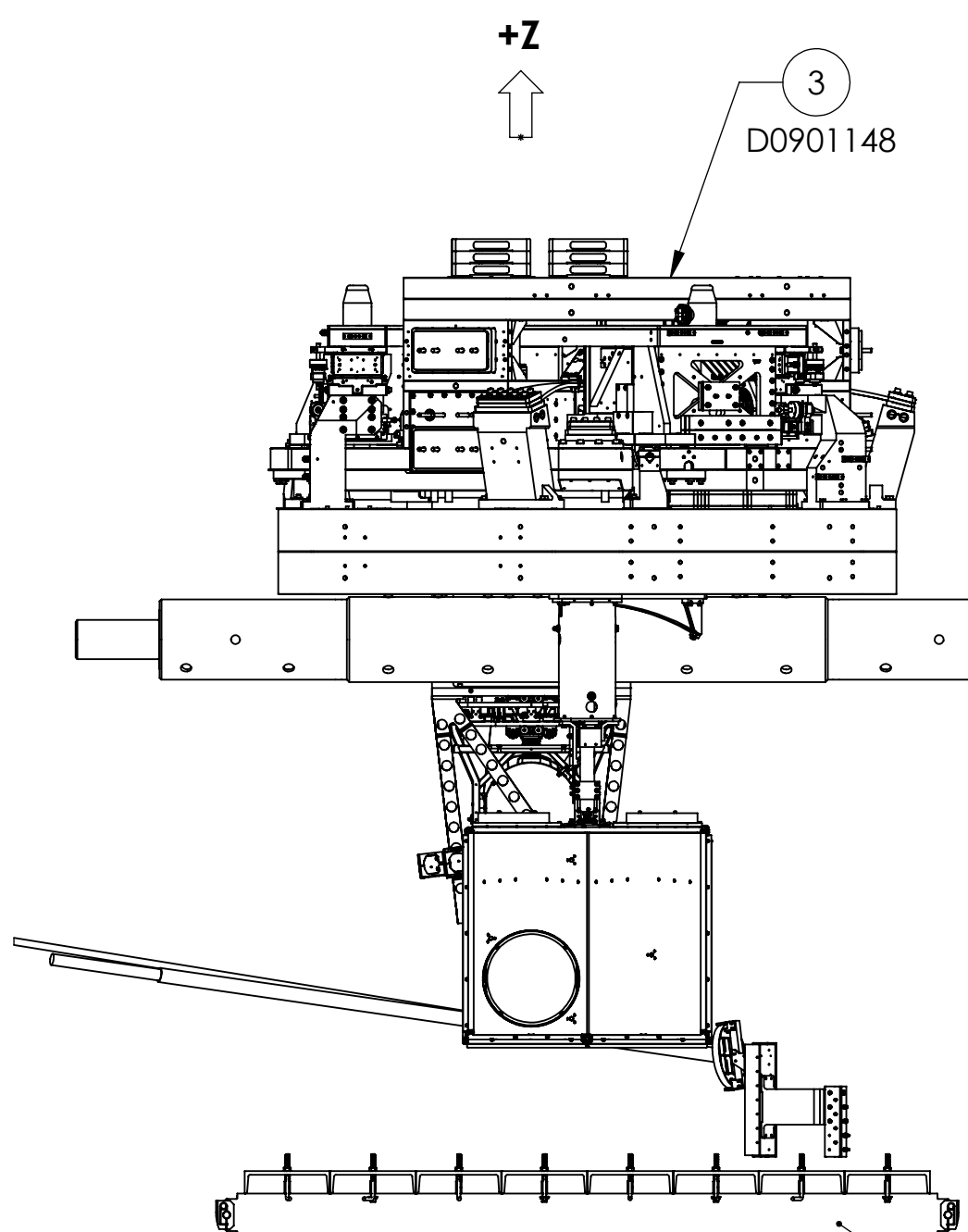
TOP VIEW



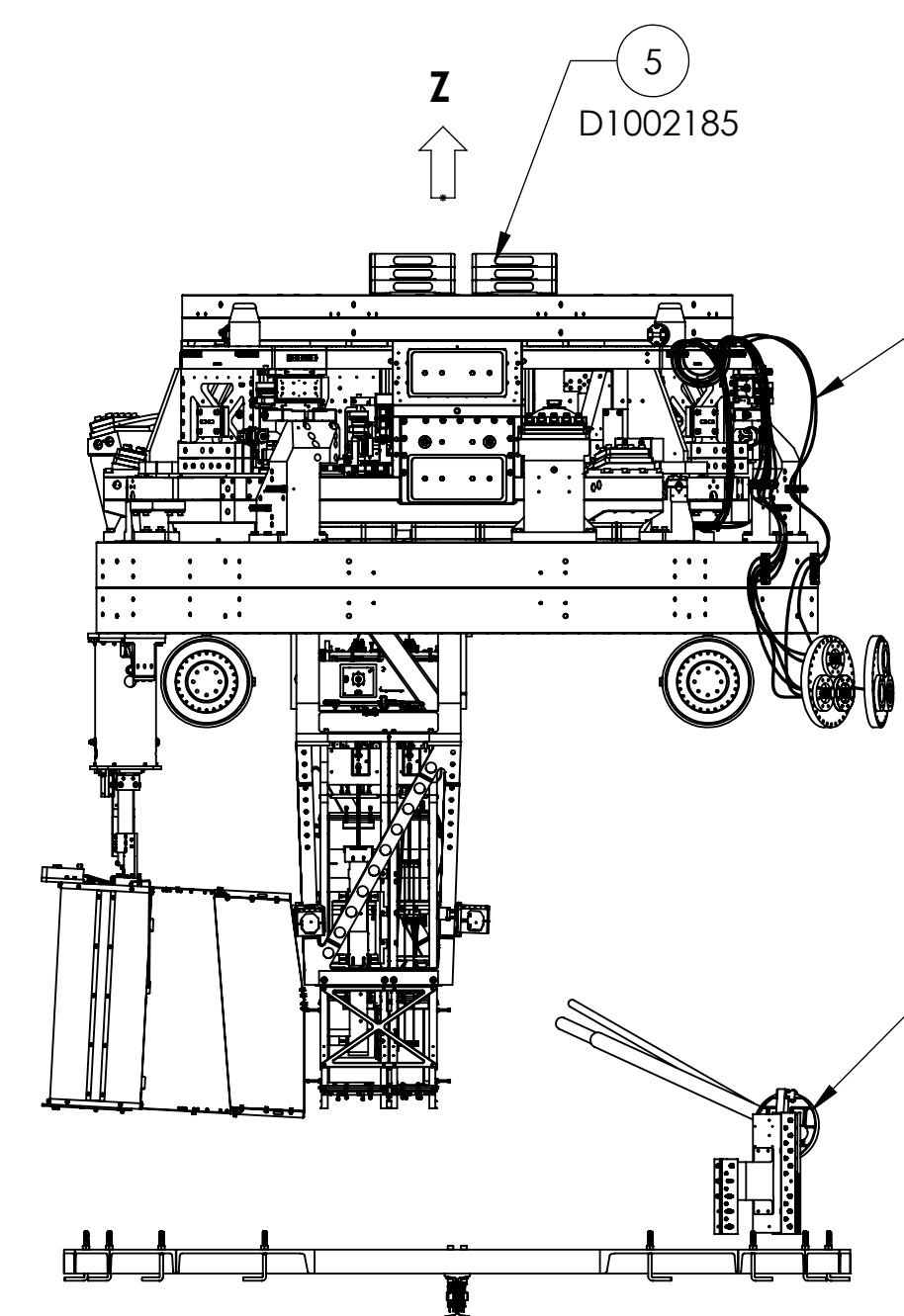
FRONT VIEW



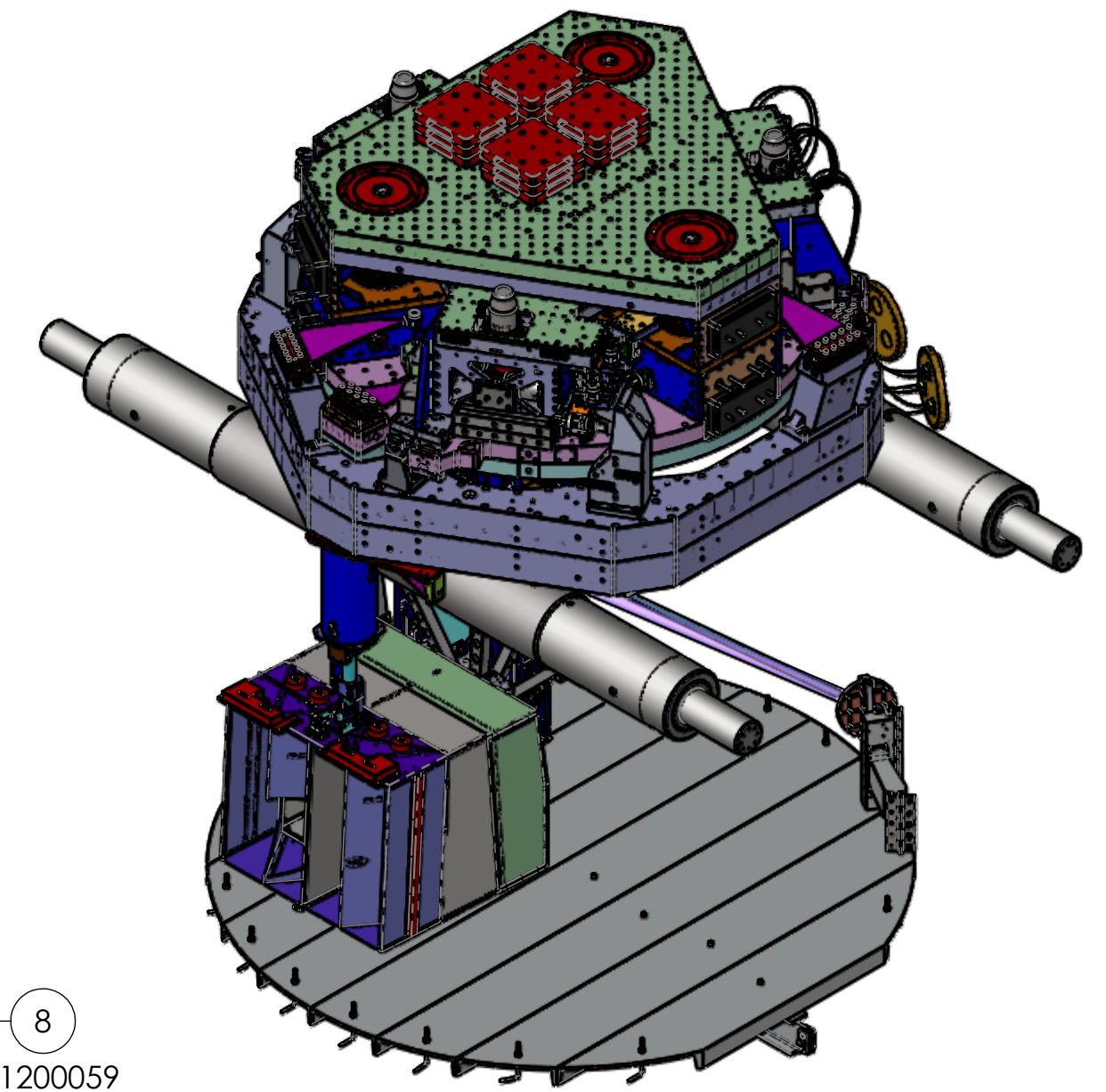
BOTTOM VIEW



RIGHT VIEW



BACK VIEW



2.5
D961115
REFER TO D1100429 FOR
ORIENTATION W/R TO CHAMBER

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	Full Complete /QTY.
8	D1201533	AdvLIGO SUS BSC3-H1, XYZ Local CS for TCS CO2P Steering Mirror Assembly	N/A	1
7	D1000513	HEPI ASSEMBLY, BSC aLIGO	SEE BOM	1
6	D1002382	AdvLIGO SUS BSC3-H1, XYZ Local CS for SLC Arm Cavity Baffle	--	1
5	D1002185	AdvLIGO BSC3-H1 ISI Table, Balance, Ballast & Trim Mass Assy	N/A	1
4	D0901149	AdvLIGO SUS BSC3-H1, XYZ Local CS for ITMX	--	1
3	D0901148	AdvLIGO SEI BSC3-H1, XYZ Local CS for ISI Table	N/A	1
2	D0901147	AdvLIGO VE BSC3-H1, Vacuum Equipment Assembly	N/A	1
1	D1200059	ALIGO, CABLE HARNESS ROUTING, BSC-3	N/A	1

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. REV.
D D0901146 v5
SCALE: 1:25 PROJECTION: SHEET 2 OF 3

D0901146 AdvLIGO Systems, BSC3-H1 Top Level Chamber Assembly, ALL PART PDM REV. X046, DRAWING PDM REV. X000

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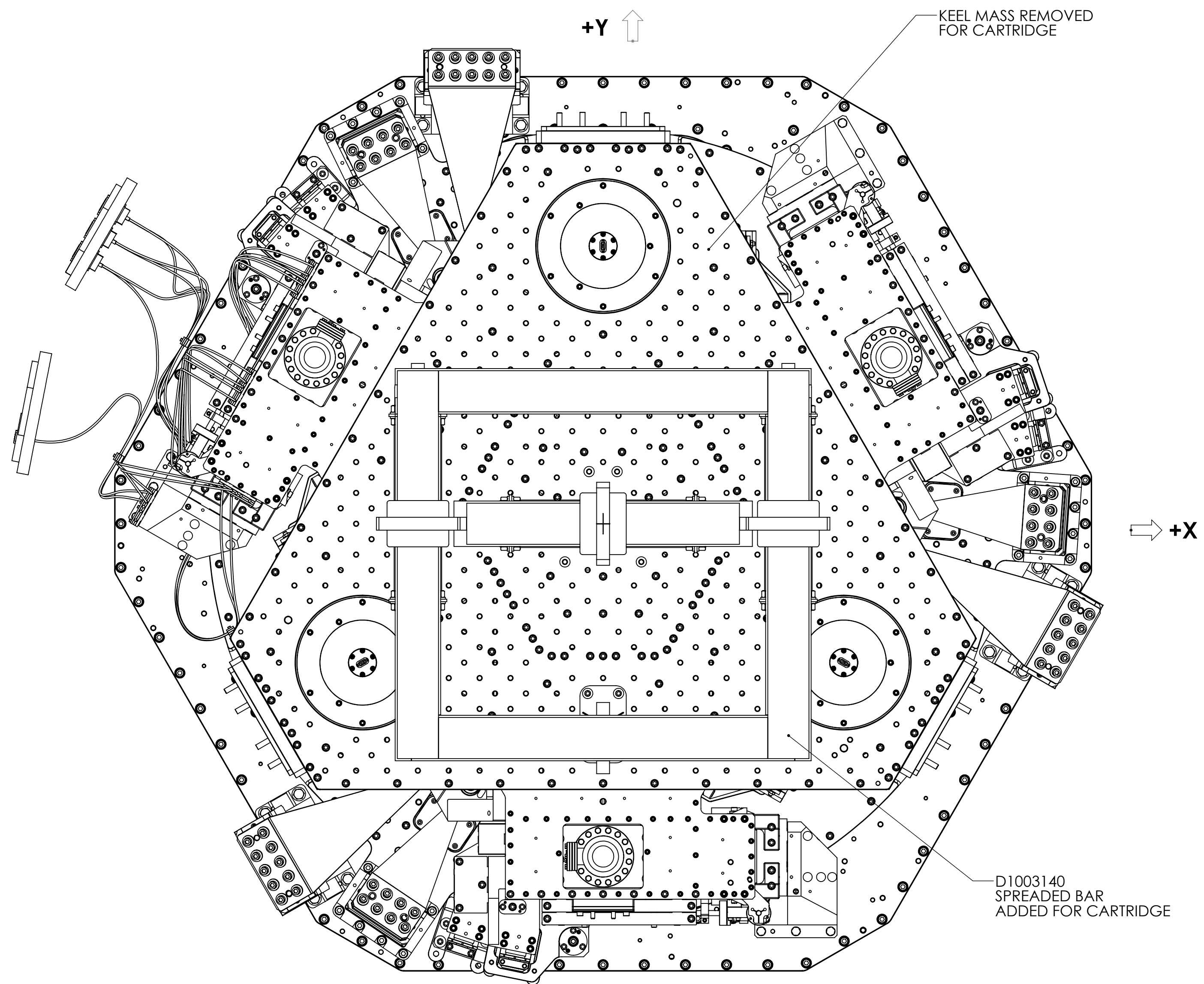
3

2

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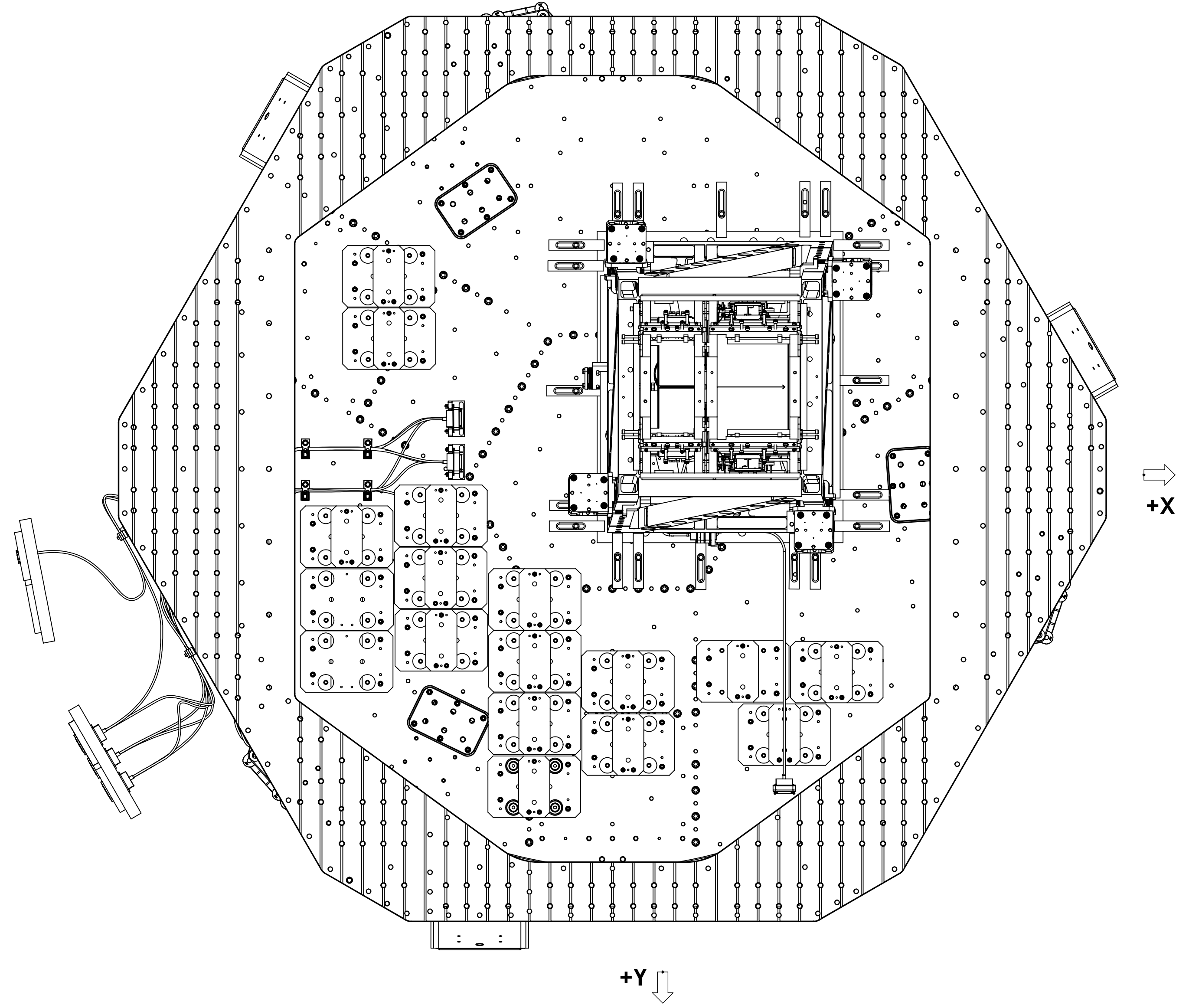
H
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D
C
B
A



KEEL MASS REMOVED FOR CARTRIDGE

D1003140 SPREADED BAR ADDED 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	
SIZE DWG. NO.	REV.
D D0901146	v5
SCALE: 1:8	PROJECTION: SHEET 3 OF 3

DD001146 Adv LIGO Systems: BSC3-H1 Top Level Chamber Assembly, ALL PART FDM REV: X046, DRAWING FDM REV: X000