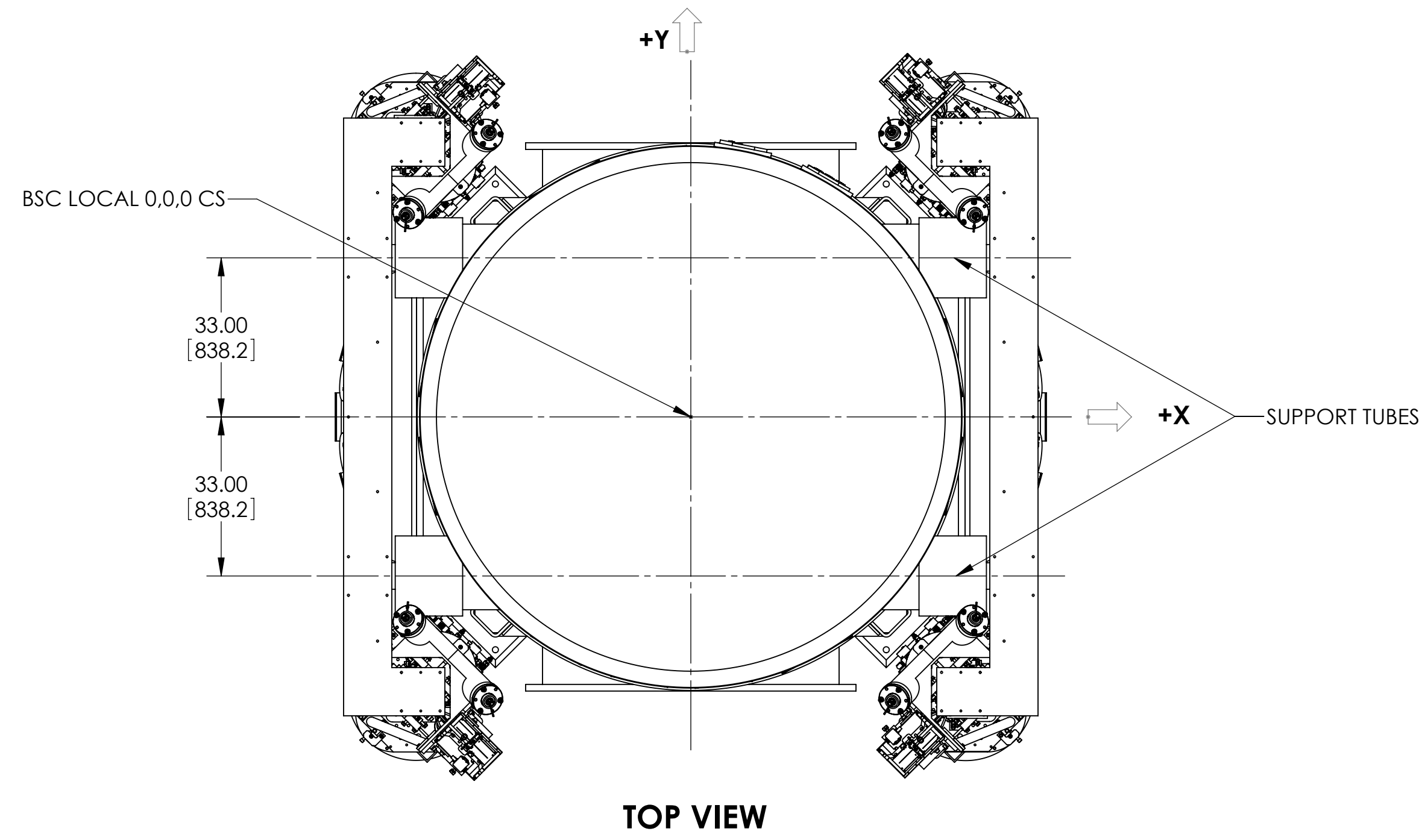
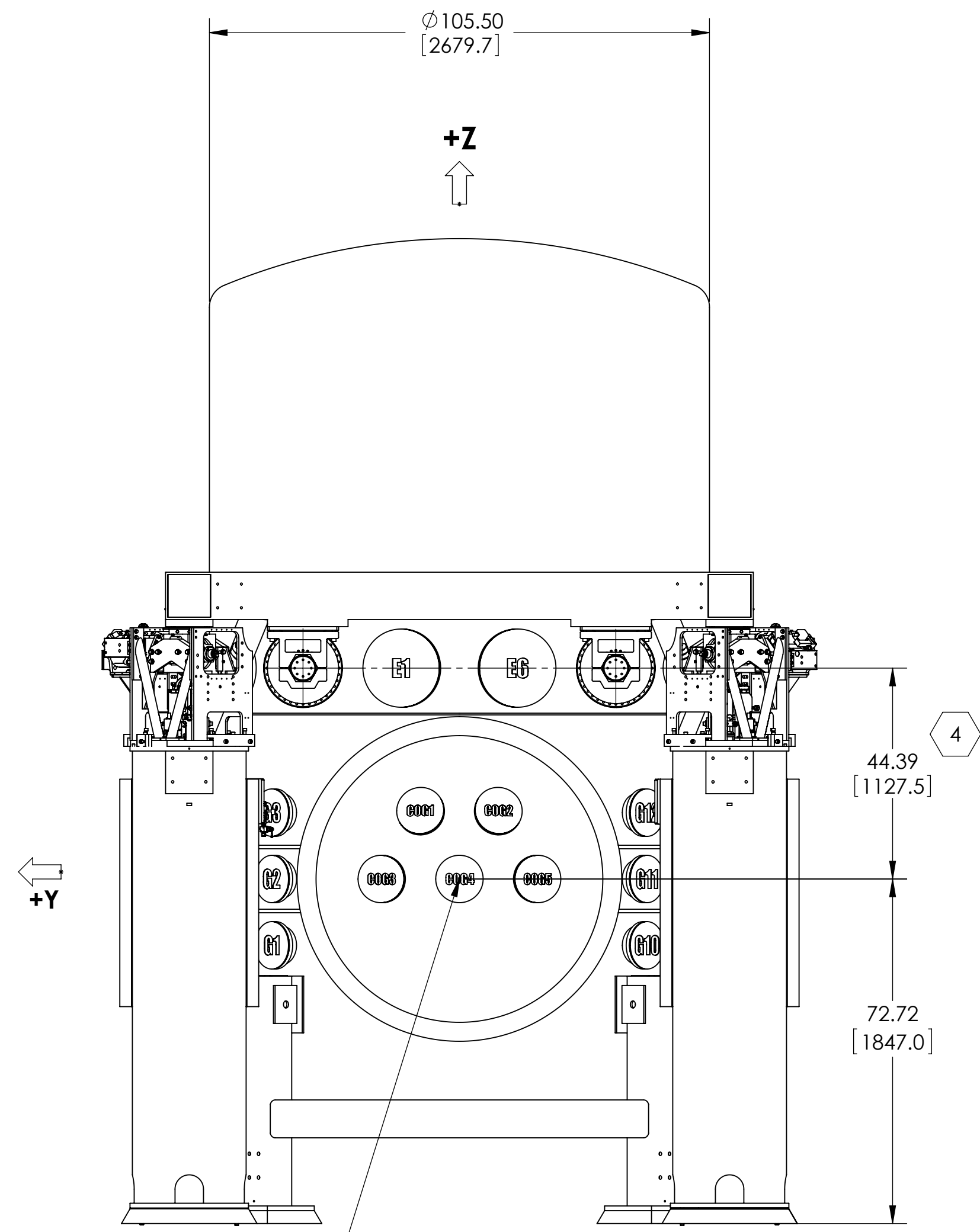
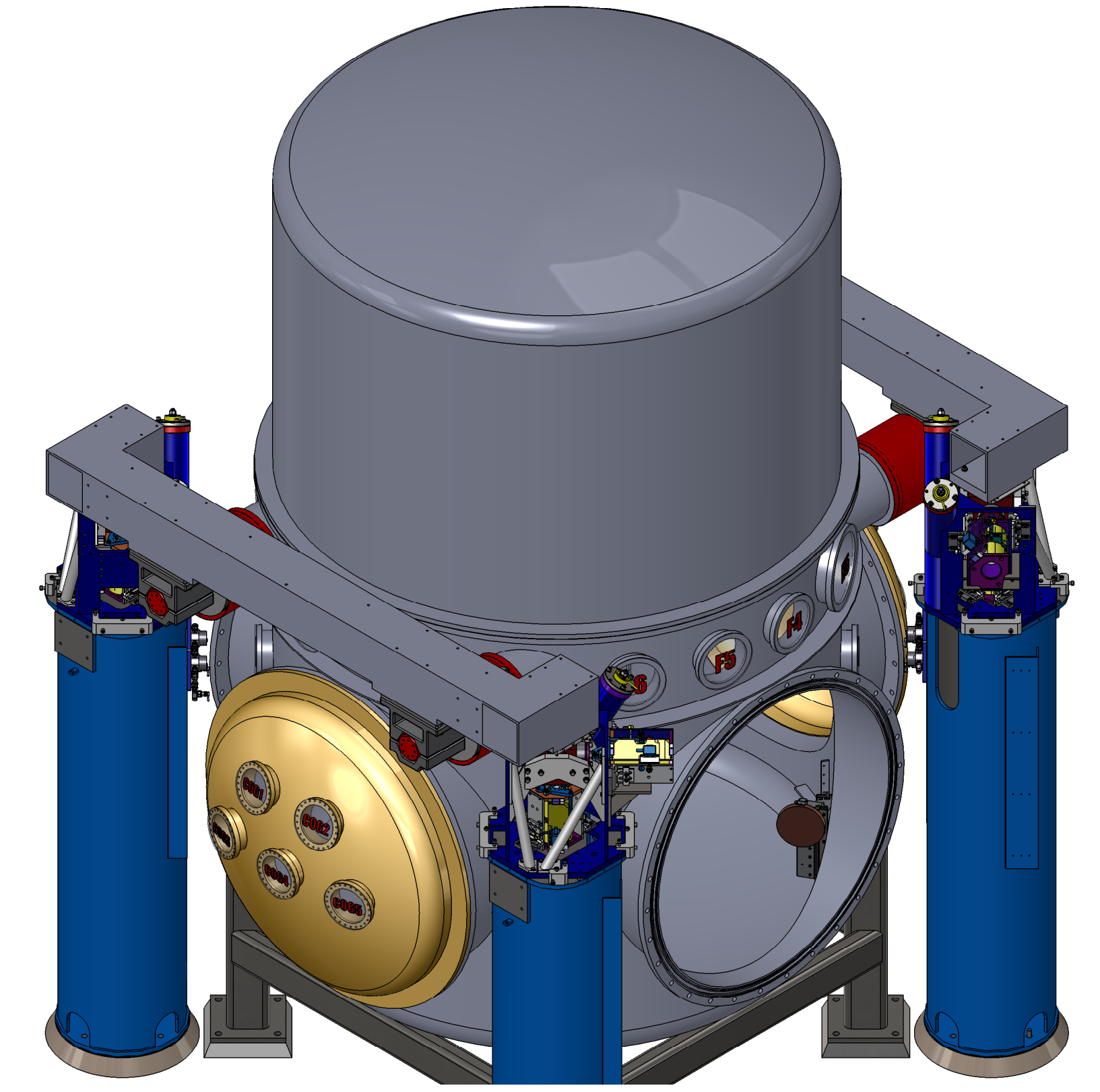


1. REFER TO DOCUMENT D1101271 FOR OPTICAL TABLE HOLE TABULATION CONVENTION.
2. REFER TO G1000125 FOR ISI NAMING AND ORIENTATION CONVENTION.
3. REFER TO T1100292 FOR VIEWPORT DEFINITION
4. REFER TO E1200625 FOR LOCAL COORDINATES OF SUPPORT TUBES END

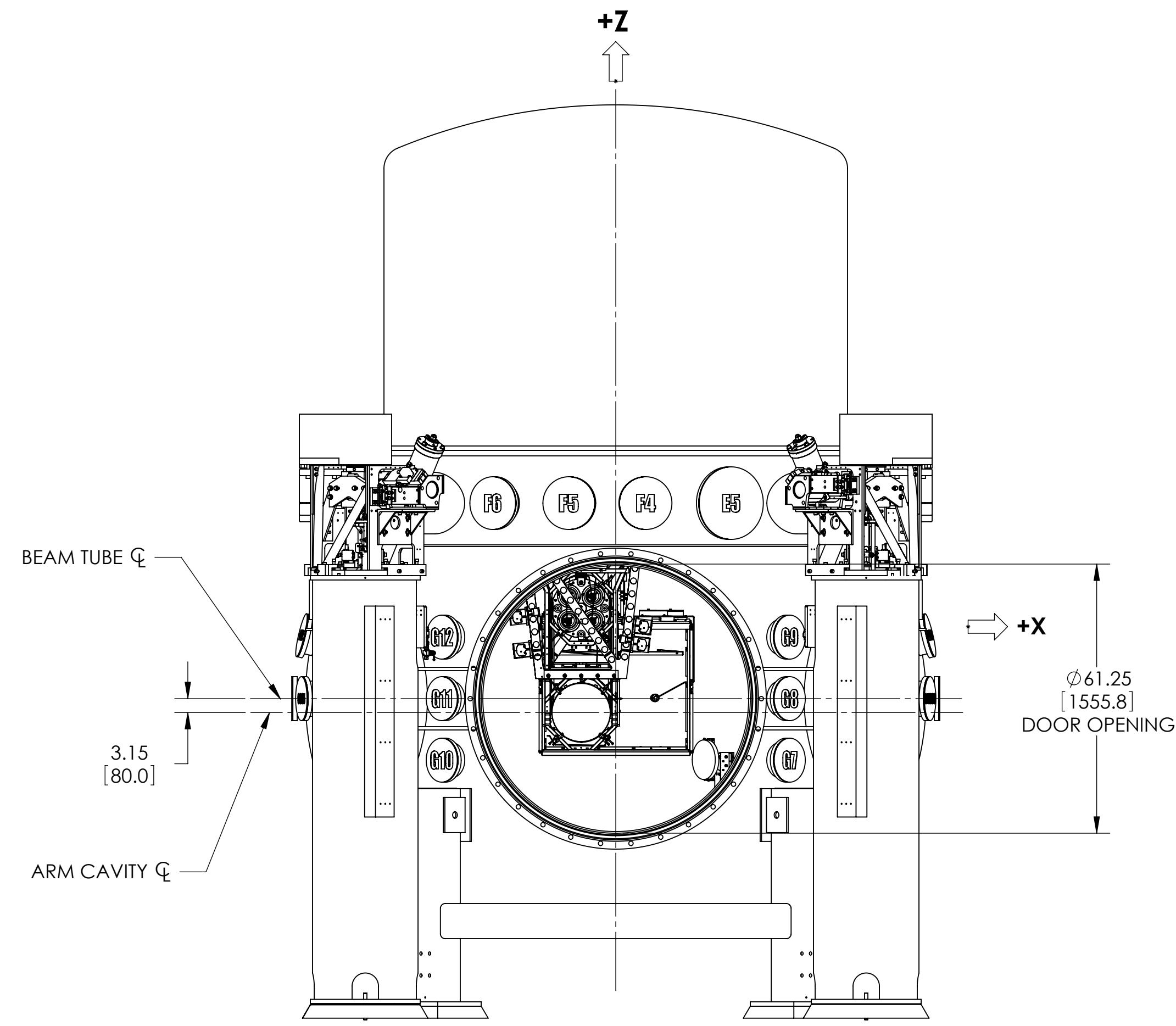
REV.	DATE	DCH #	DRAWING TREE #



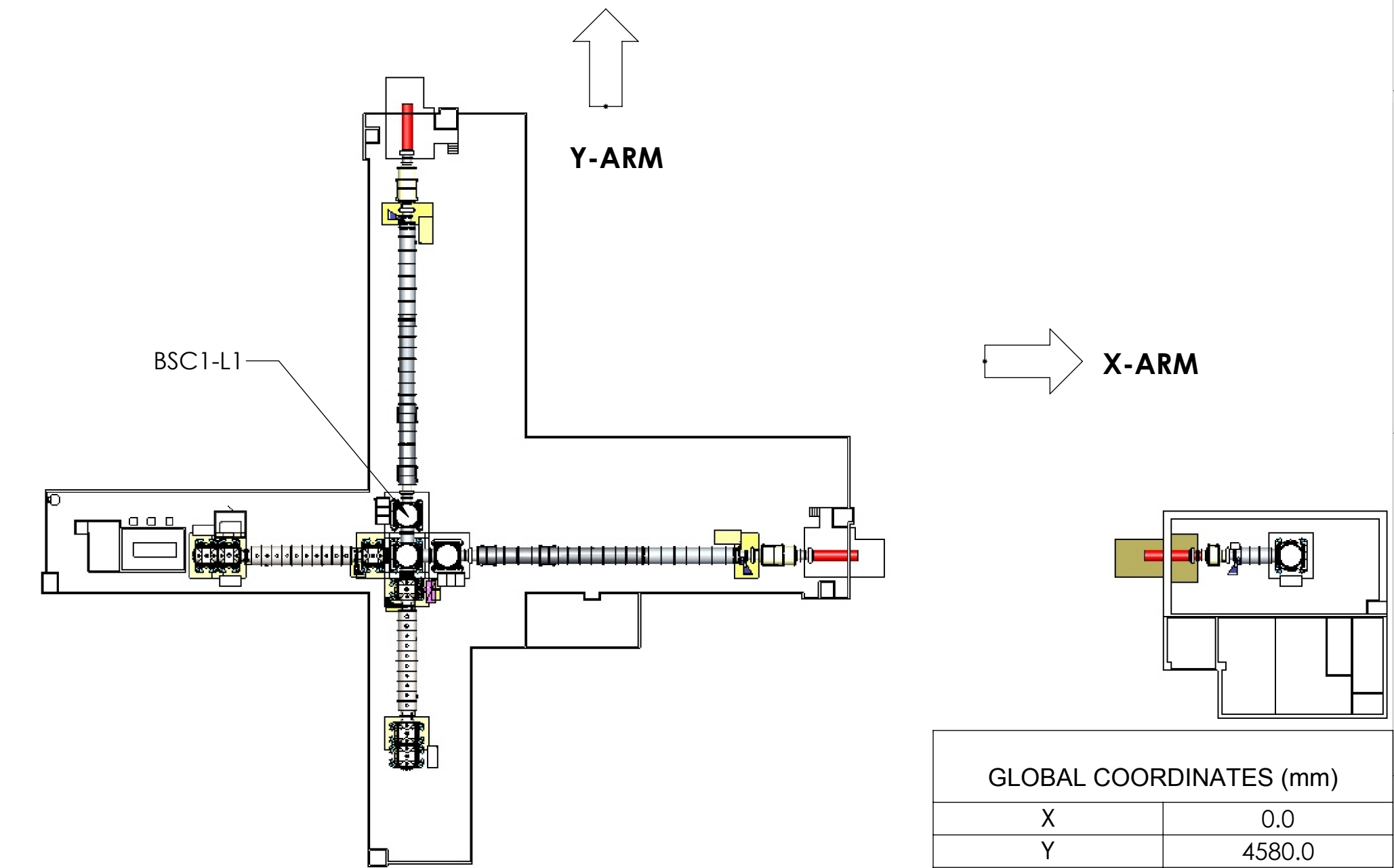
TOP VIEW



LEFT VIEW



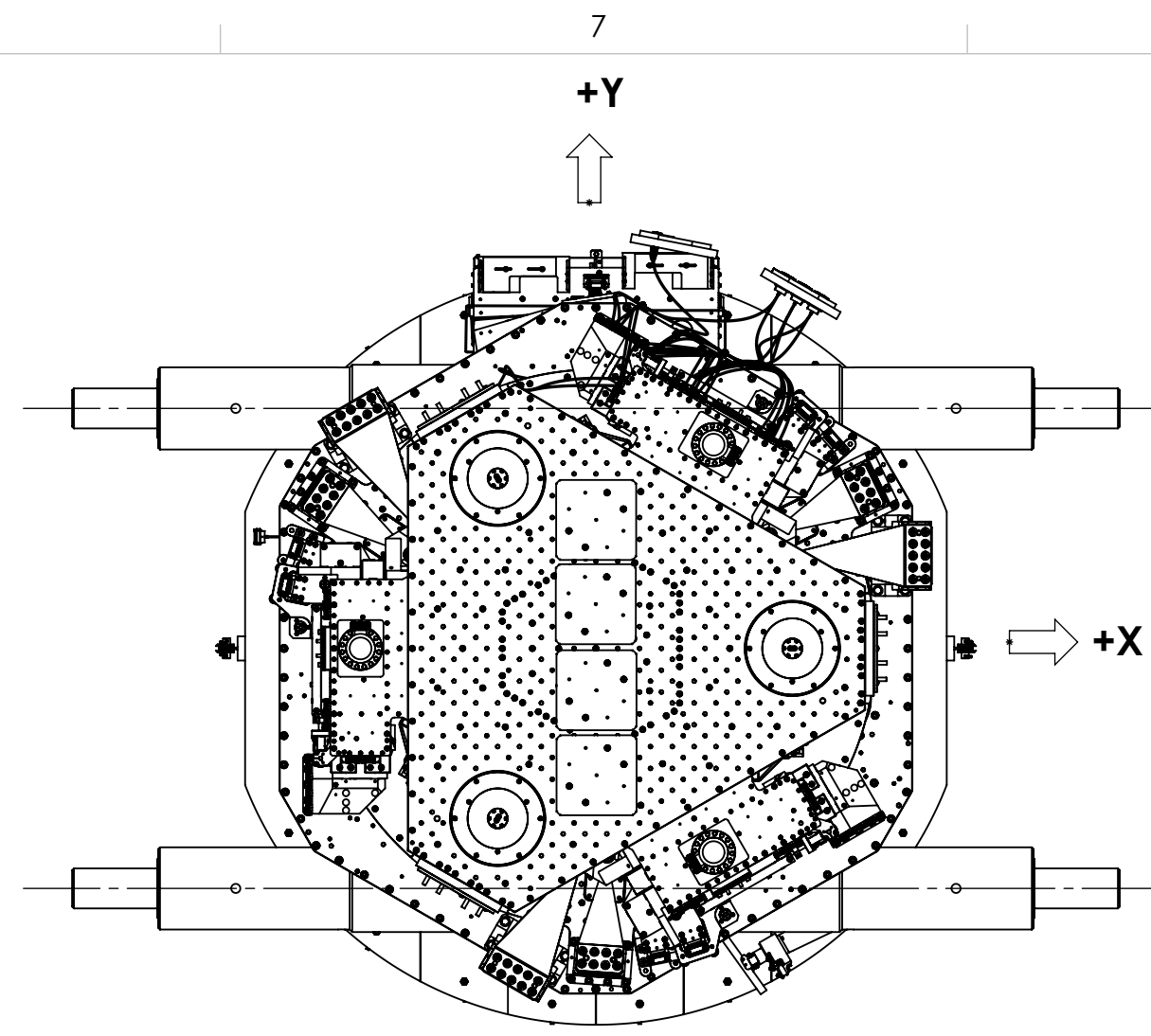
FRONT VIEW



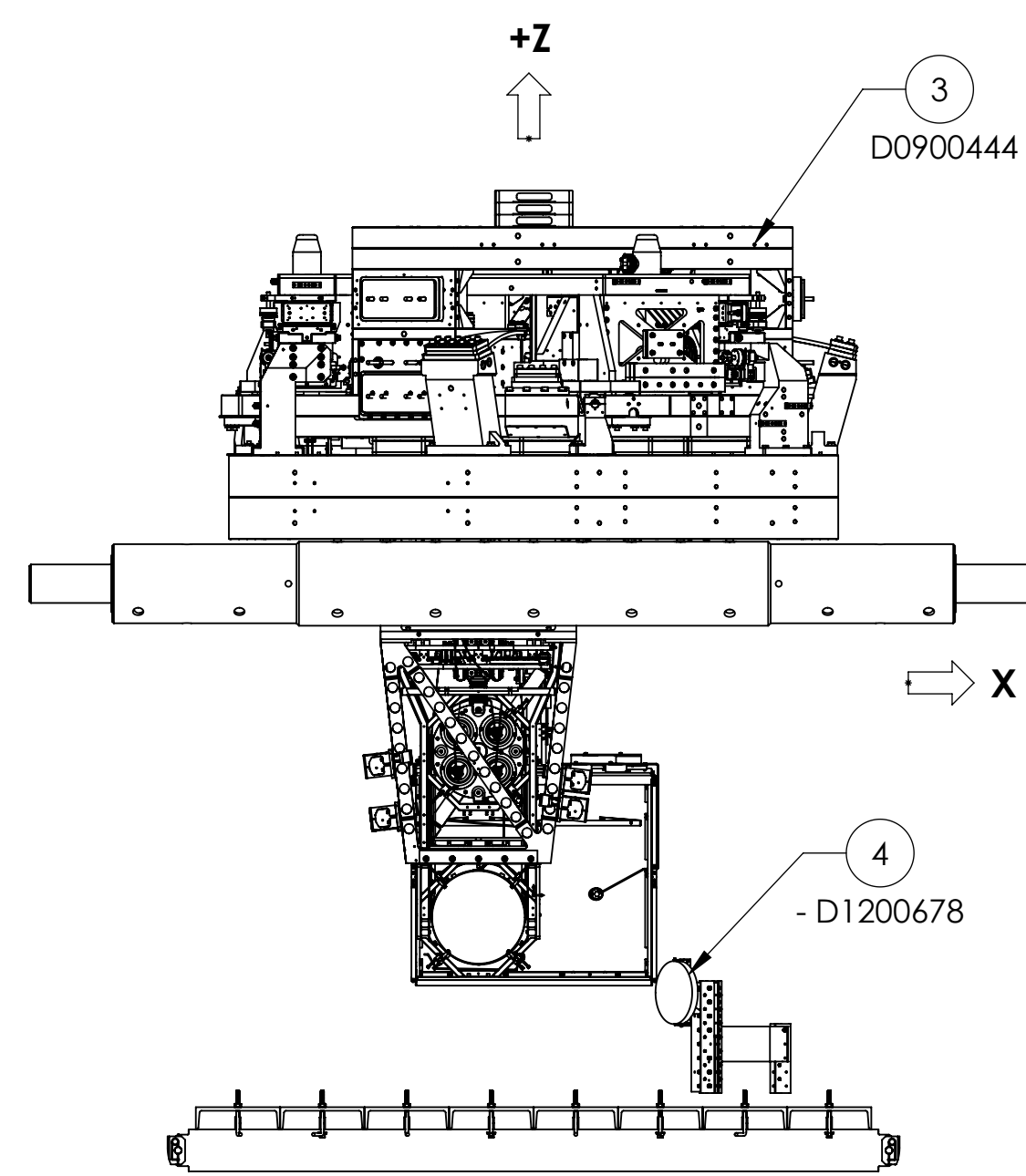
GLOBAL COORDINATES (mm)	
X	0.0
Y	4580.0
Z	0.0

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME										
MATERIAL		N/A		FINISH		N/A μinch		BSC-L1 Top Level Chamber Assembly, Fully Defined								
SYSTEM		ADVANCED LIGO		SUB-SYSTEM		SUS		DESIGNER	ED CHAVEZ	10 MAY 2011	SIZE	D	DWG. NO.	D0900442	REV.	v7
NEXT ASSY		N/A		CHECKER		SEE DCC		SEE DCC		SCALE:		1:24	PROJECTION:	SHEET 1 OF 3		
APPROVAL		SEE DCC		SEE DCC		SEE DCC		SEE DCC		SCALE:		1:24	PROJECTION:	SHEET 1 OF 3		

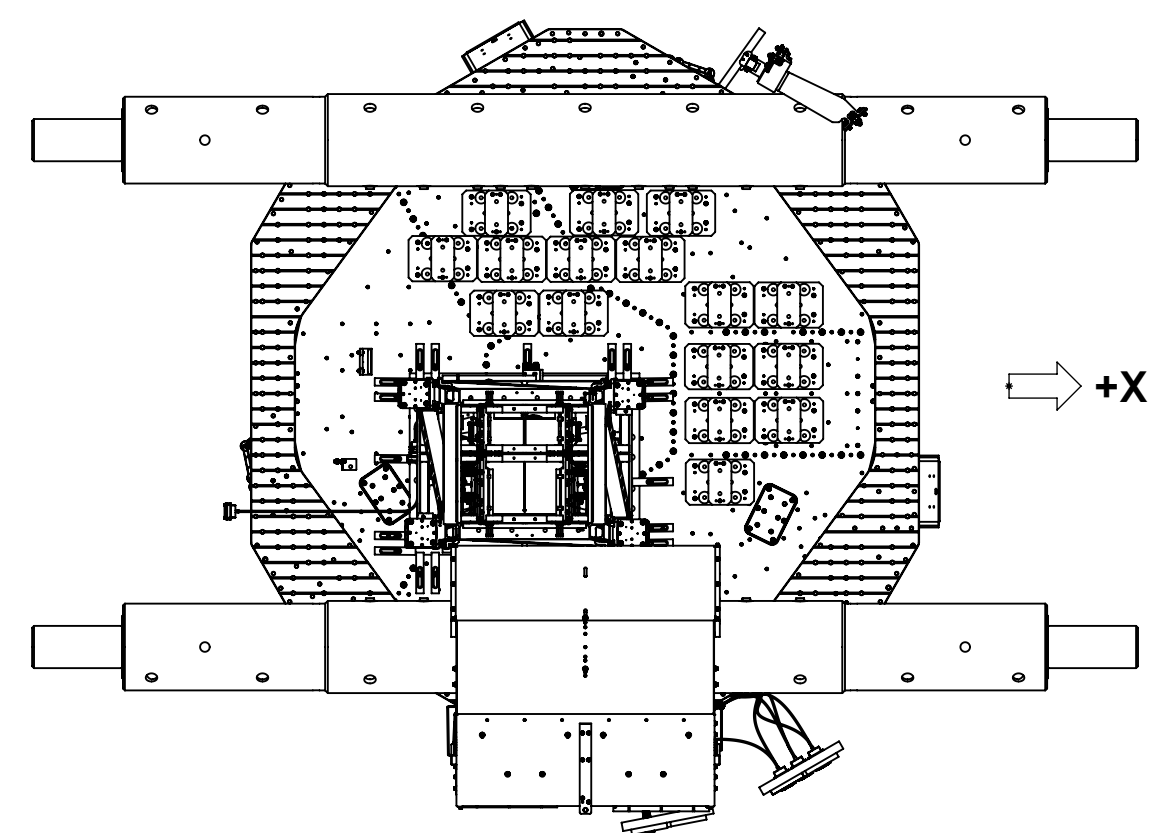
D0900442 Adv LIGO Systems: BSC-L1 Top Level Chamber Assembly: ALL PART PDM REV: X-061 L DRAWING PDM REV: X-004



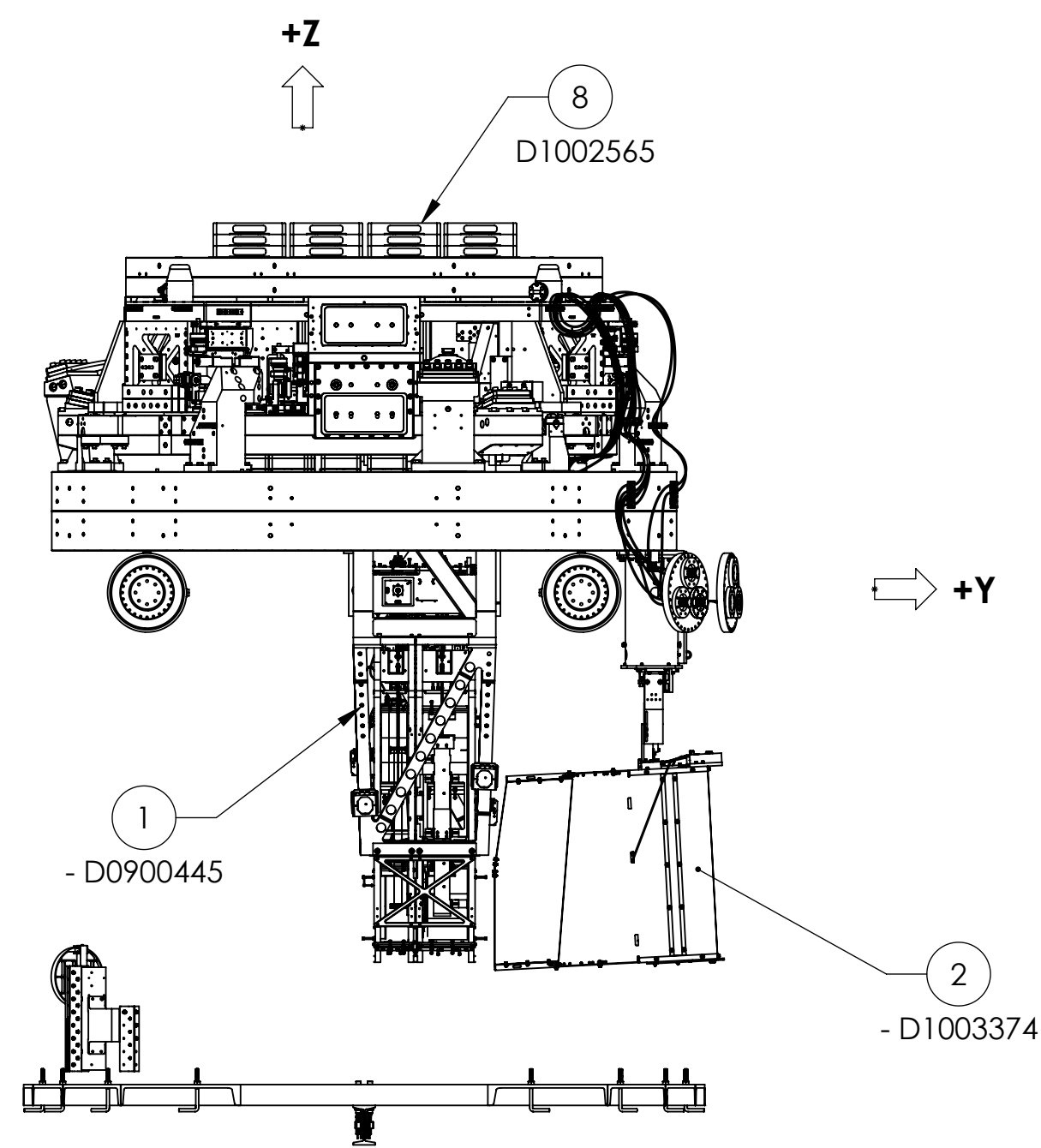
TOP VIEW



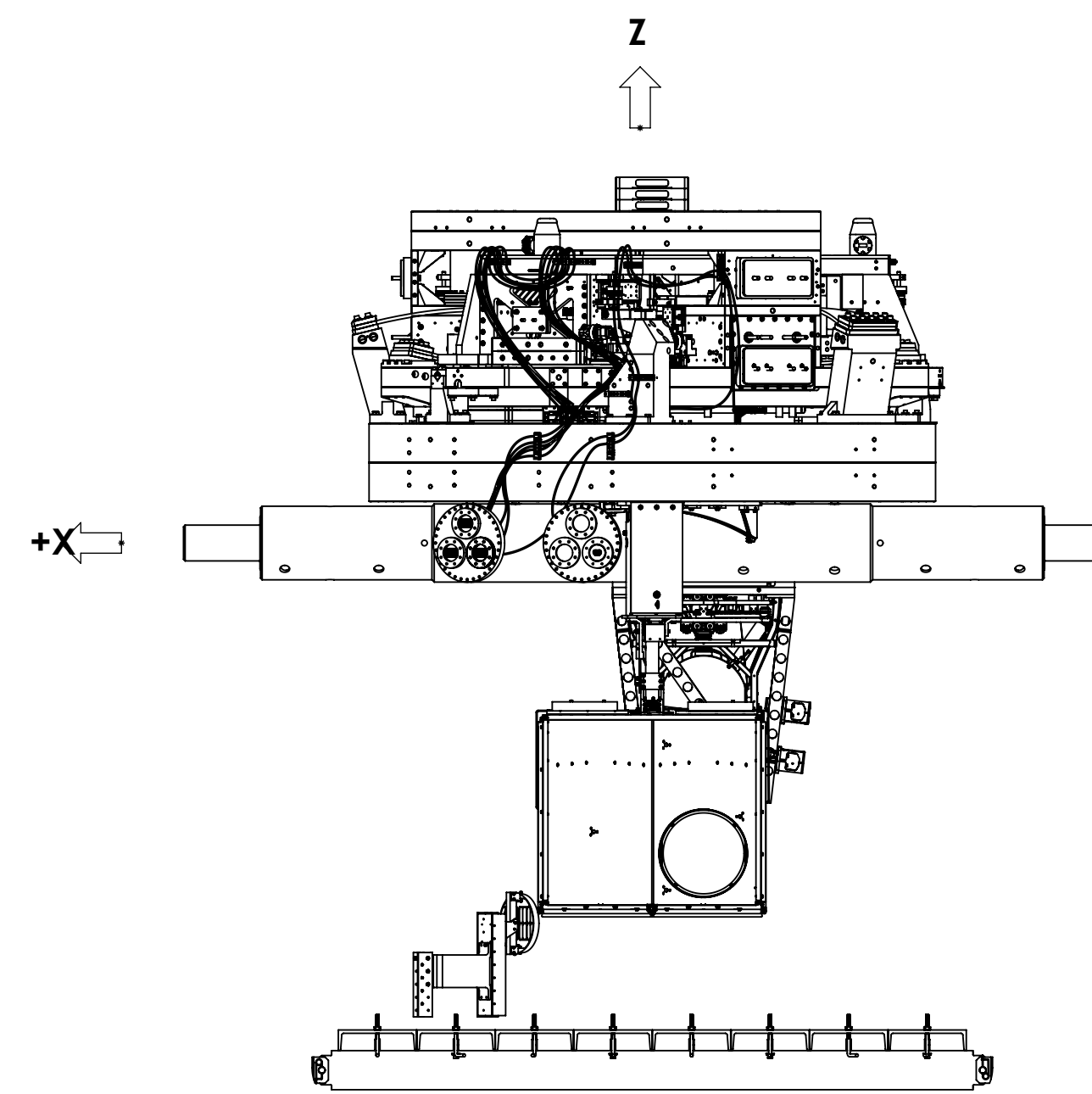
FRONT VIEW



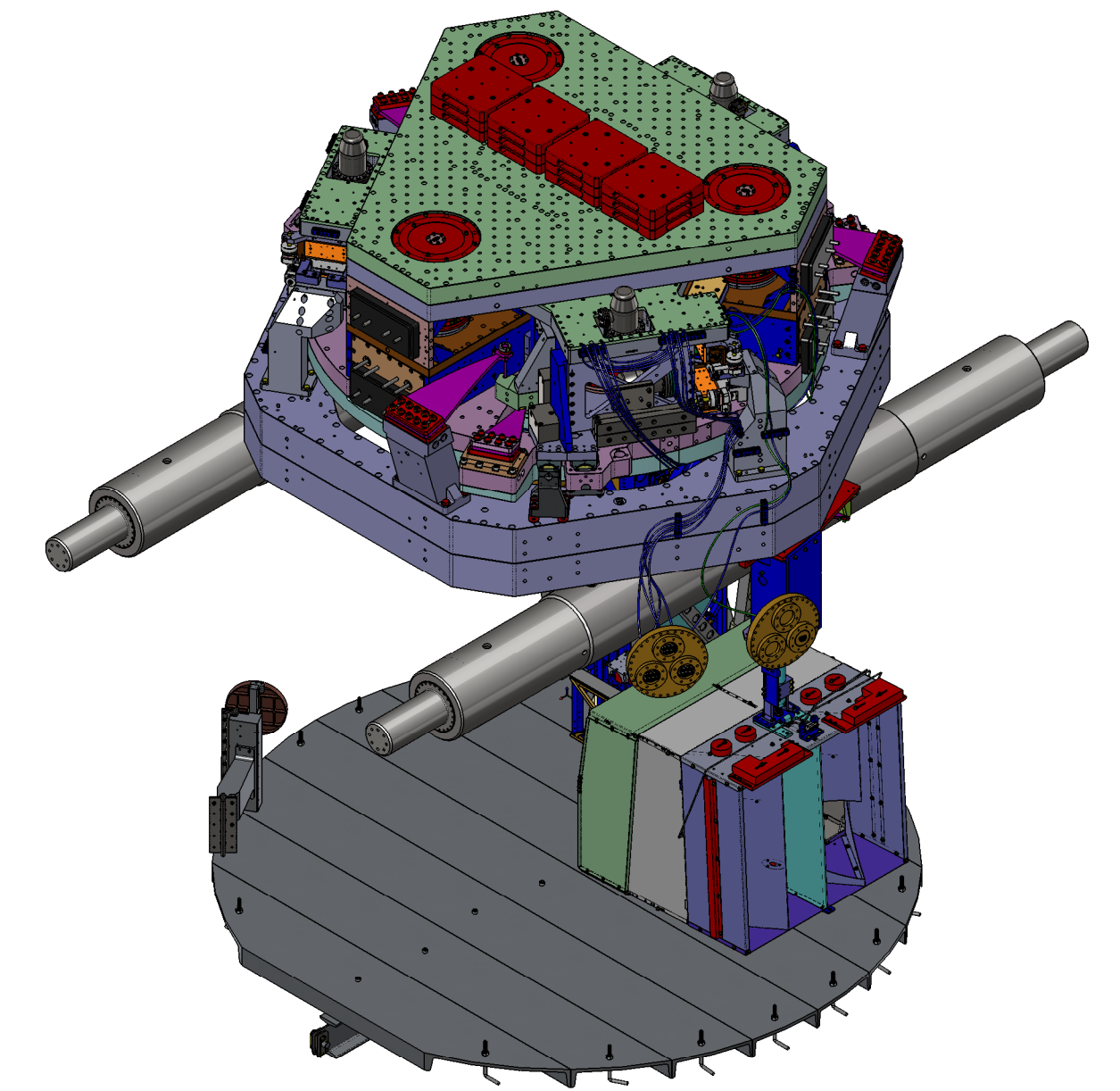
BOTTOM VIEW



RIGHT VIEW



BACK VIEW



8	D1002565	AdvLIGO BSC1-L1 ISI Table, Payload & Suspended Masses Assy	1
7	D1000513	HEPI ASSEMBLY, BSC aLIGO	1
6	D0900443	AdvLIGO VE BSC1-L1, Vacuum Equipment Assembly	1
5	D1200112	ALIGO, CABLE HARNESS ROUTING, BSC1	1
4	D1200678	AdvLIGO SUS BSC1-L1, XYZ Local CS for TCS CO2P Steering Mirror	1
3	D0900444	AdvLIGO SEI BSC1-L1, XYZ Local CS for ISI Table	1
2	D1003374	AdvLIGO SUS BSC1-L1, XYZ Local CS for SLC Arm Cavity Baffle	1
1	D0900445	AdvLIGO SUS BSC1-L1, XYZ Local CS for ITMY	1
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. REV.

D **D0900442** v7

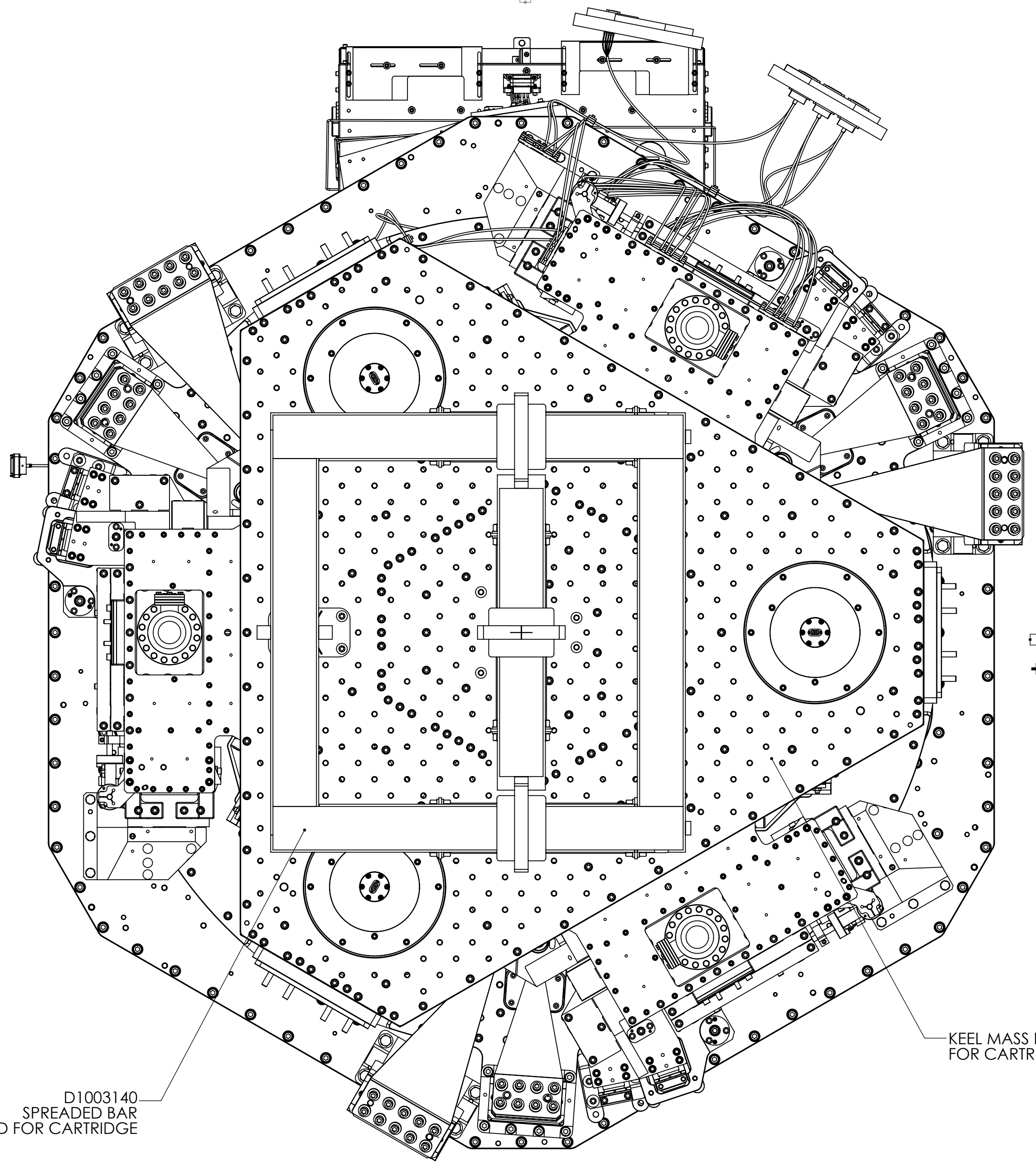
SCALE: 1:25 PROJECTION: SHEET 2 OF 3

D0900442 AdvLIGO Systems, BSC-L1 Top Level Chamber Assembly, ALL PART PDM REV: X-061, DRAWING PDM REV: X-004

8 7 6 5 4 3 2 1

H G F E D C B A

+Y
↑



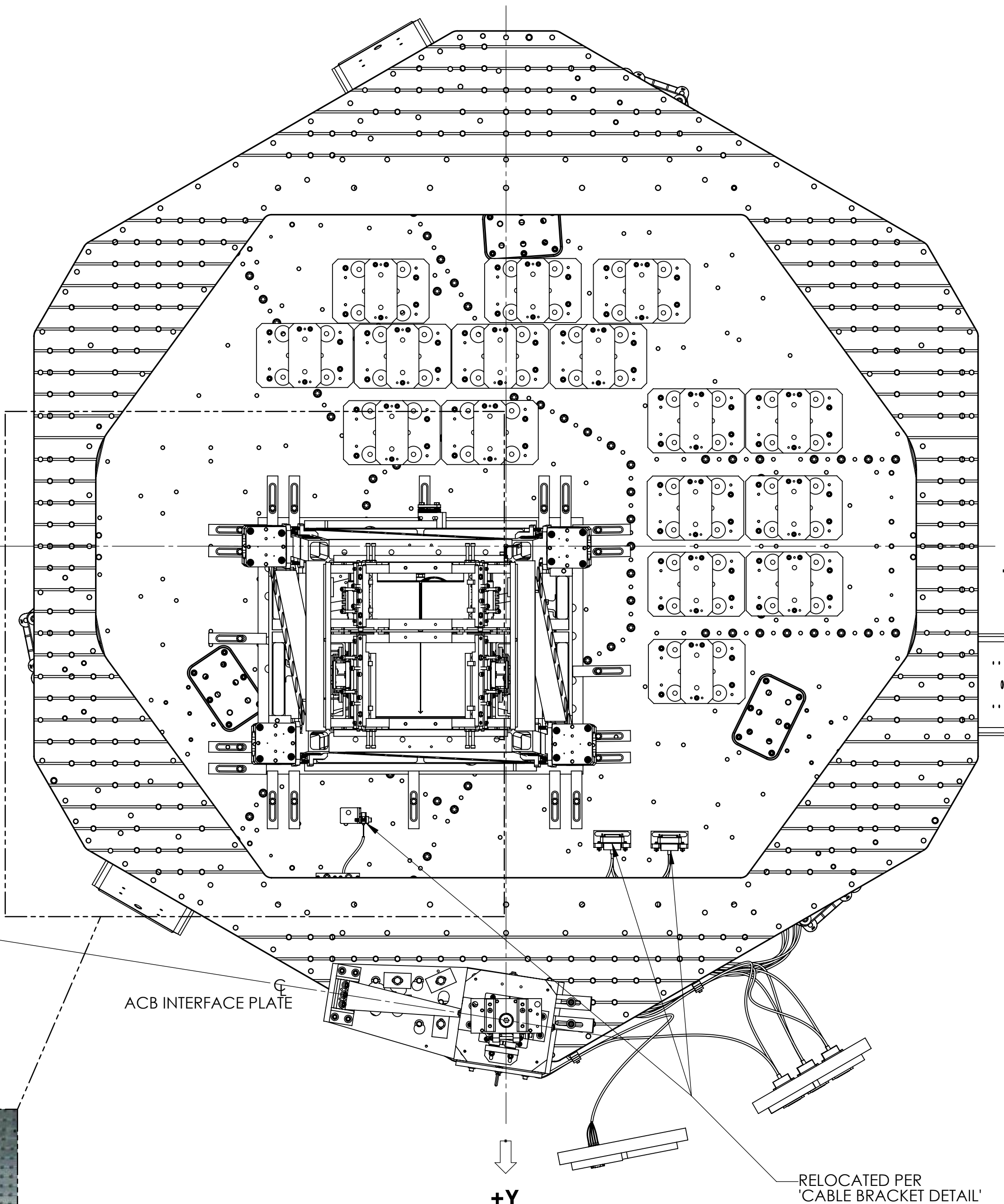
D1003140
SPREADED BAR
ADDED FOR CARTRIDGE

KEEL MASS REMOVED
FOR CARTRIDGE

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

+X
→

90°

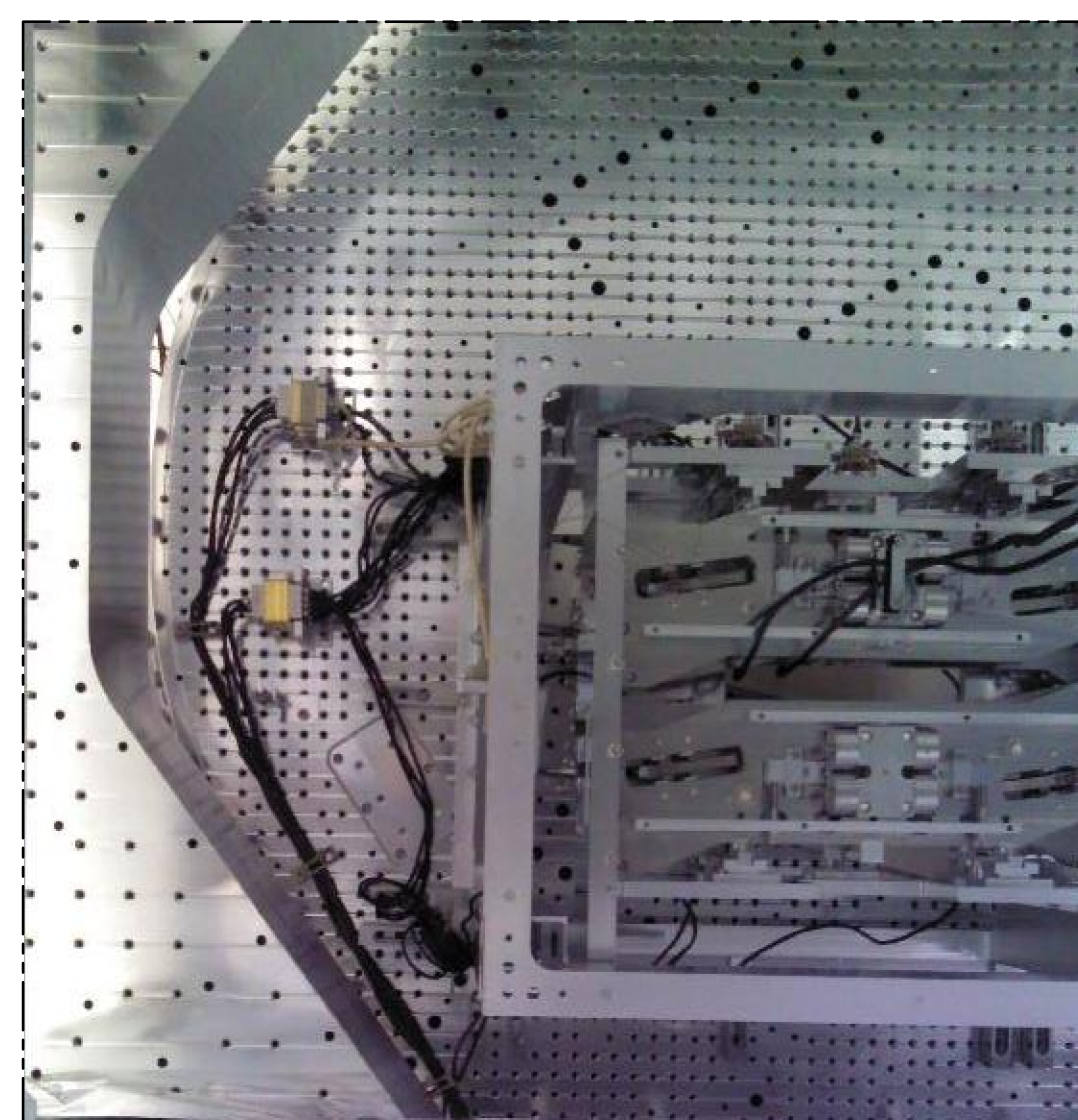


ACB INTERFACE PLATE

RELOCATED PER
'CABLE BRACKET DETAIL'

+Y
↓

**BOTTOM VIEW
ACB BOX NOT SHOWN FOR CLARITY
(LOOKING UP)**



CABLE BRACKET DETAIL- ACTUAL POSITION ON BSC ISI

NOTE:
CABLE BRACKETS RELOCATED
DUE TO THE BSC ISI POSITION
ON THE TEST STAND AND LIMITED ACCESS
TO THE AREA ORIGINALLY DESIGNATED
FOR CABLE BRACKETS.

		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE	DWG. NO.	REV.	
D	D0900442	v7	
SCALE: 1:8	PROJECTION:	SHEET 3 OF 3	

D0900442 Adv LIGO Systems, BSC-I1 Top Level Chamber Assembly, ALL PART PDM REV: X-361, DRAWING PDM REV: X-004

8 7 6 5 4 3 2 1