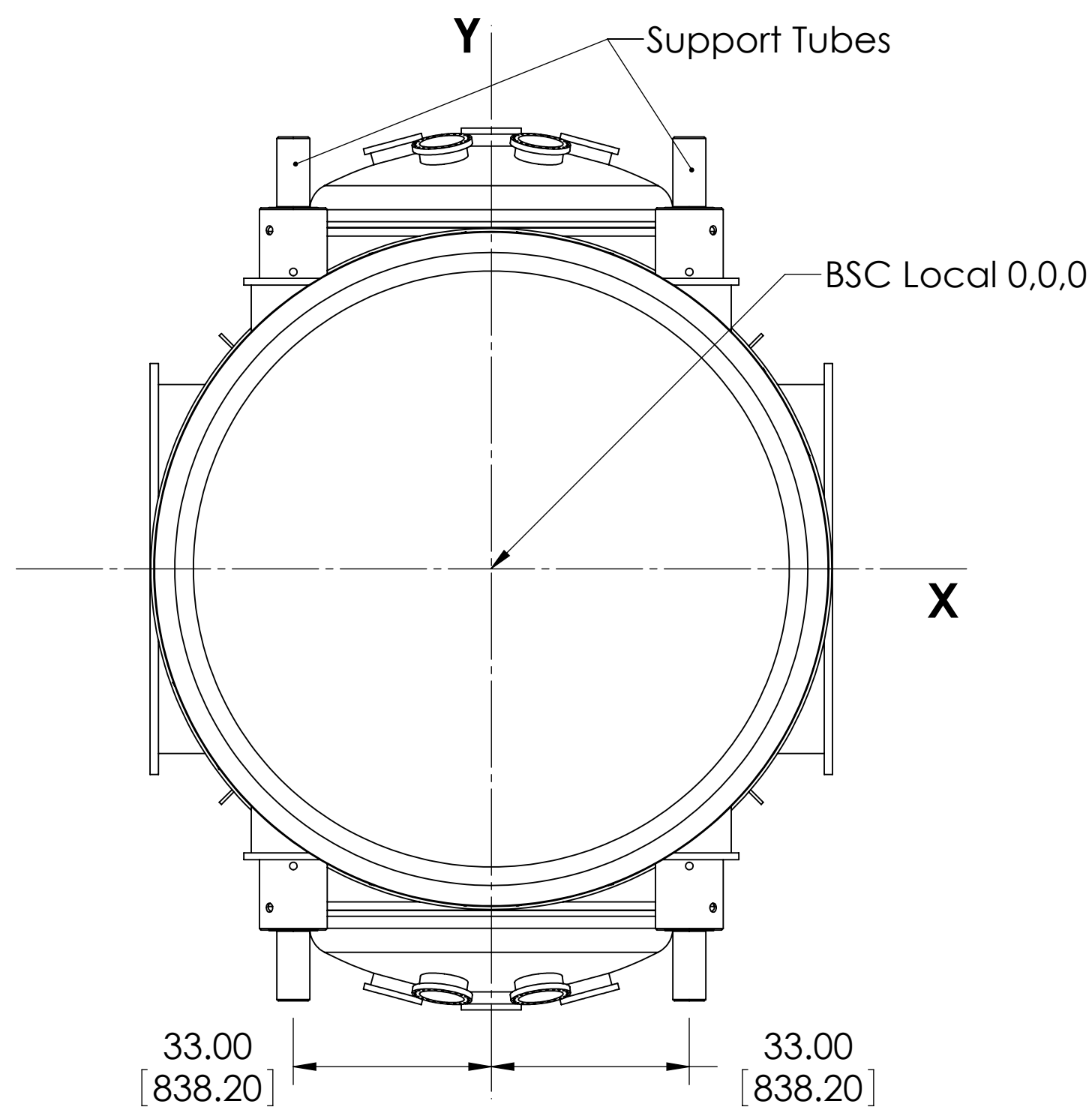
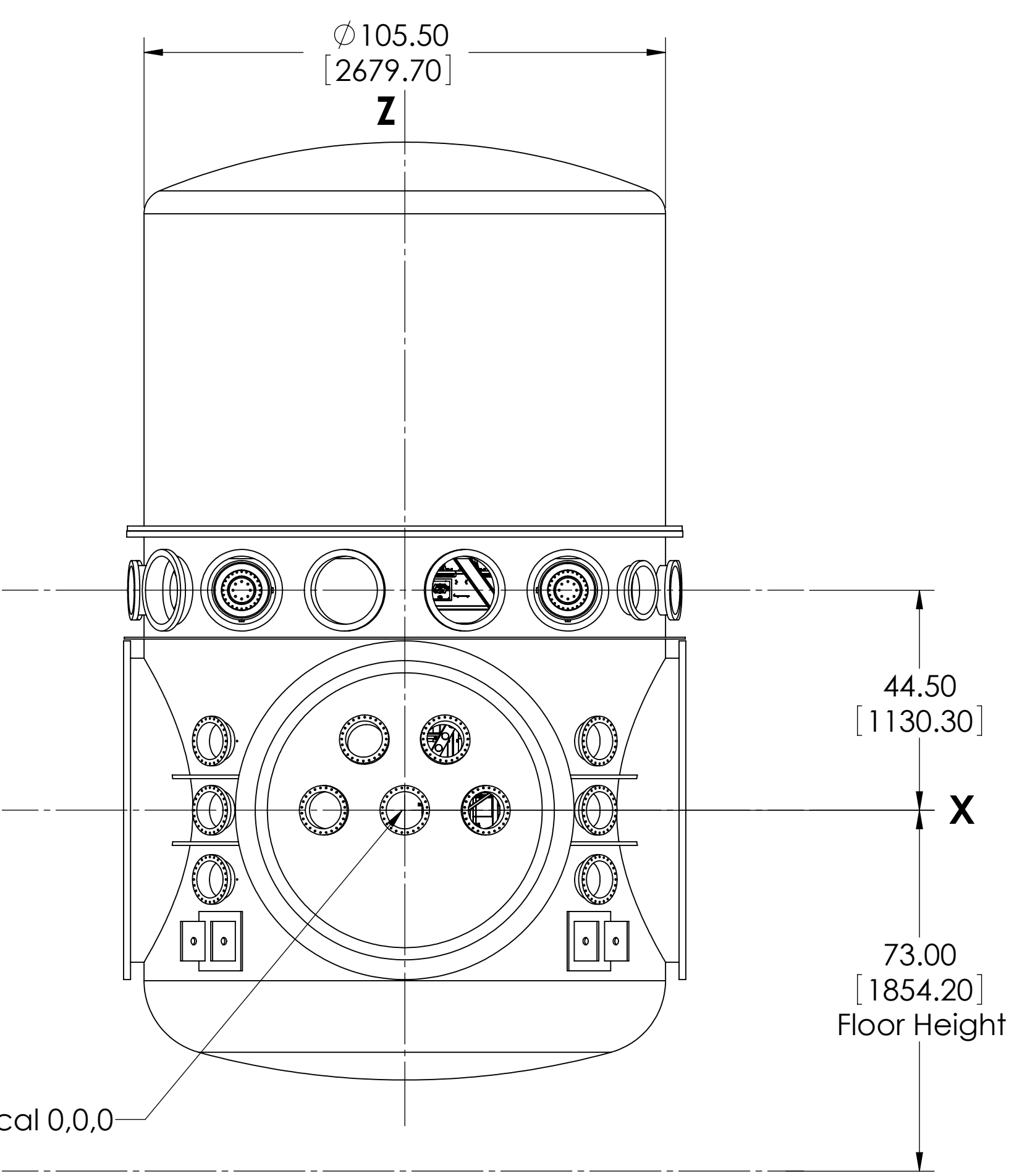
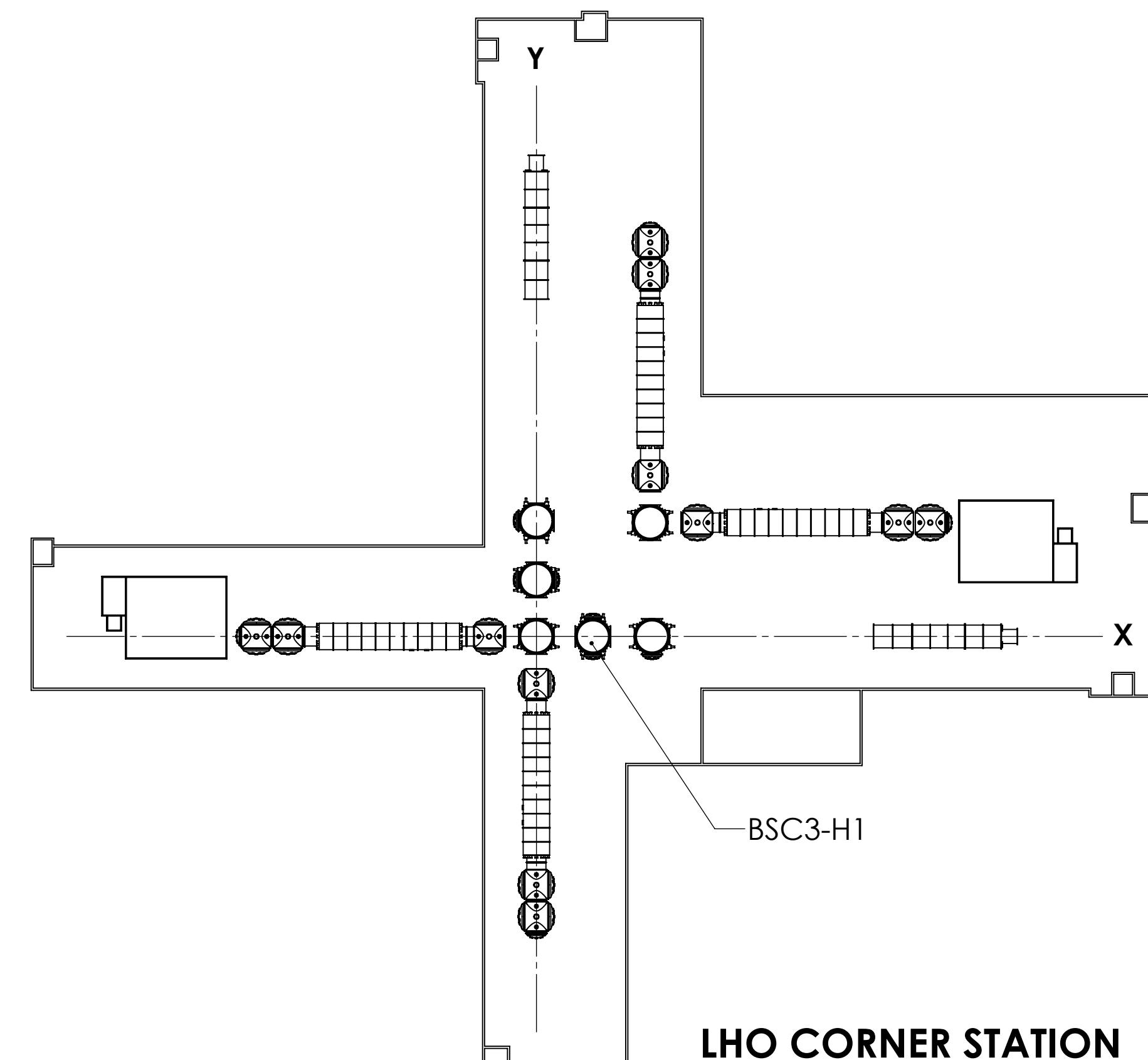
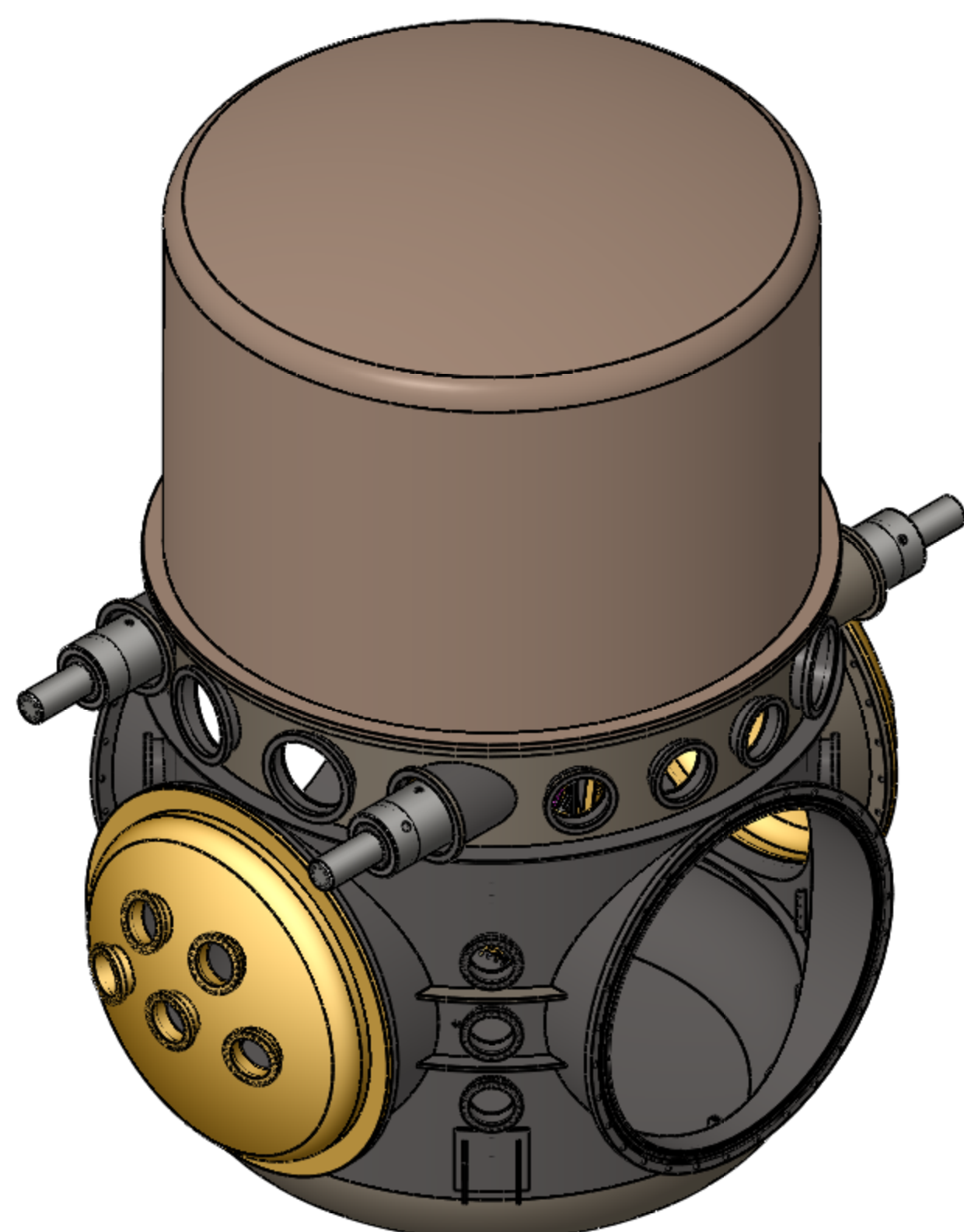


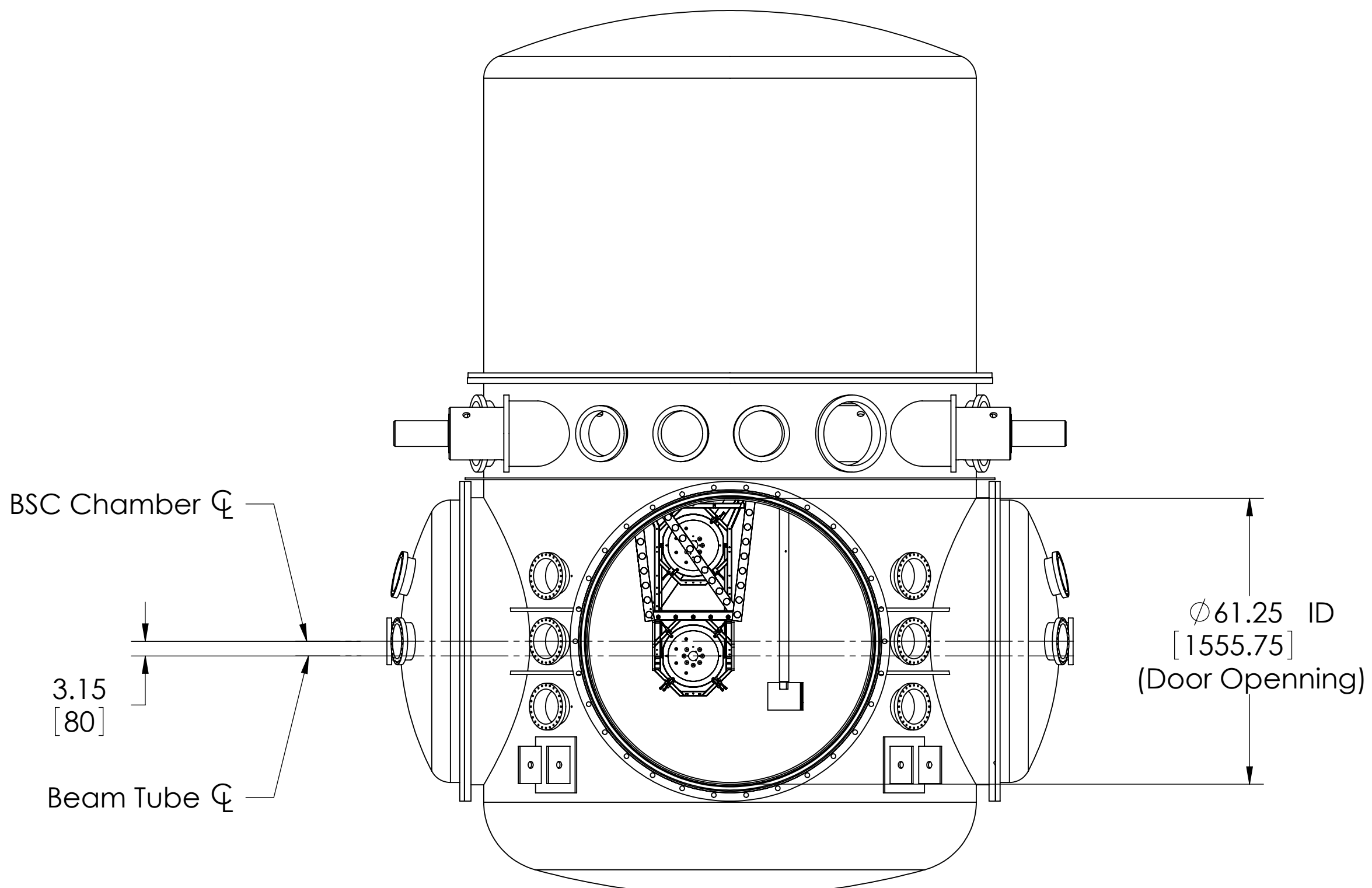
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



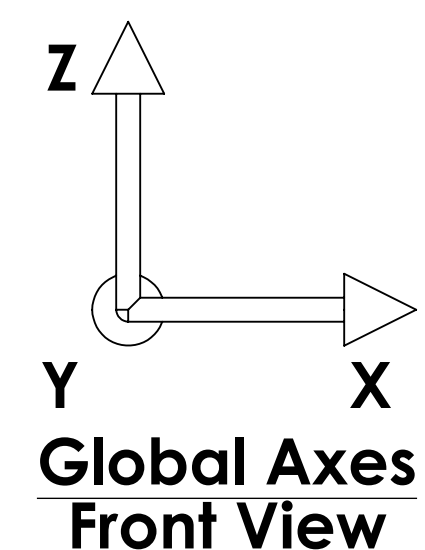
TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW



BSC3-H1	
GLOBAL COORDINATES (mm)	
X	4580.0
Y	0.0
Z	0.0

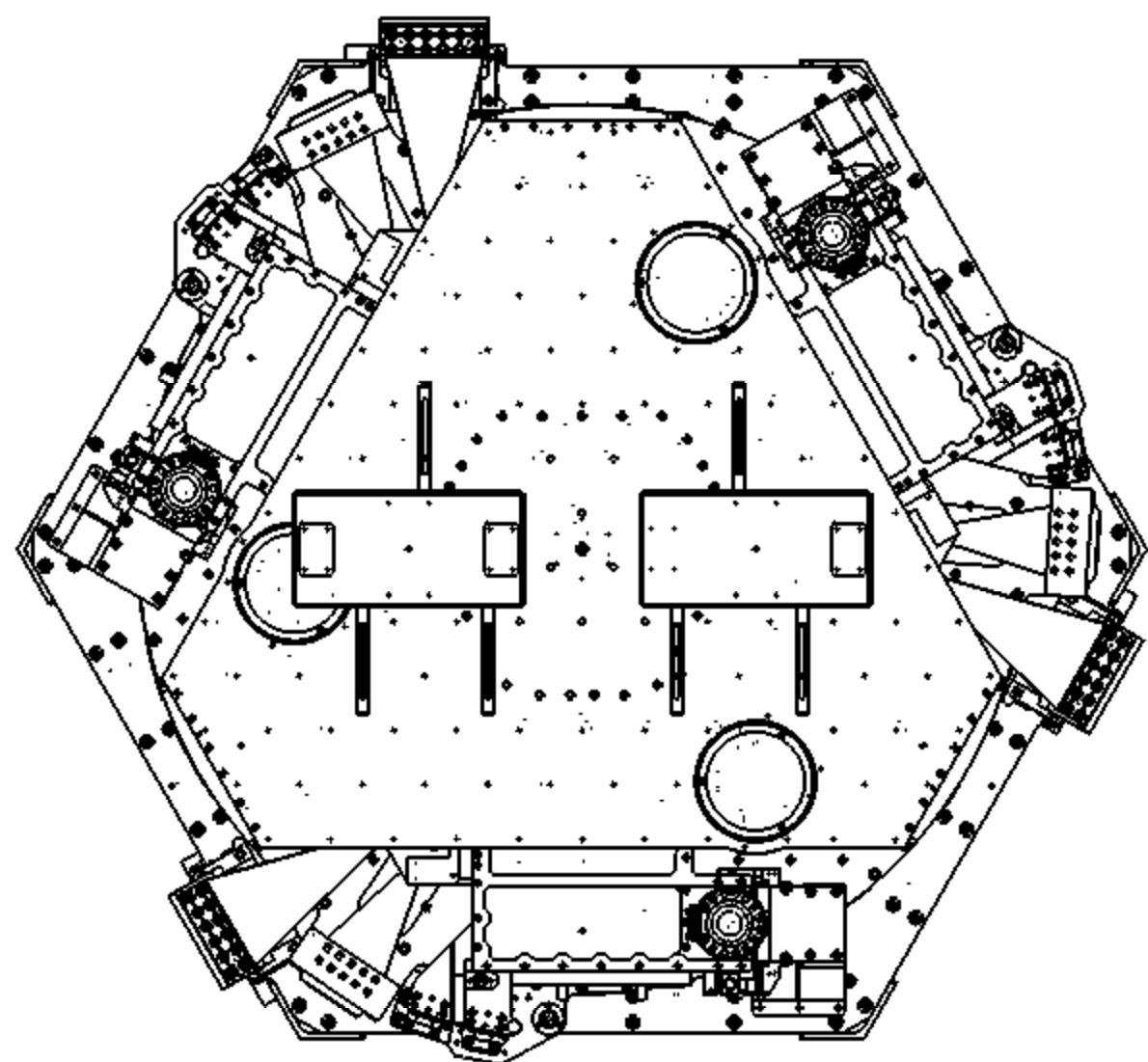
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
ANGULAR ± 0.5°	
MATERIAL	--
FINISH	-- μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME BSC3-H1 Top Level Chamber Assembly, Fully Defined
SYSTEM ADVANCED LIGO	SUB-SYSTEM SUS
DESIGNER	SIZE DWG. NO.
DRAFTER ED CHAVEZ	23 OCT 2009
CHECKER	D0901146
APPROVAL	REV. v3

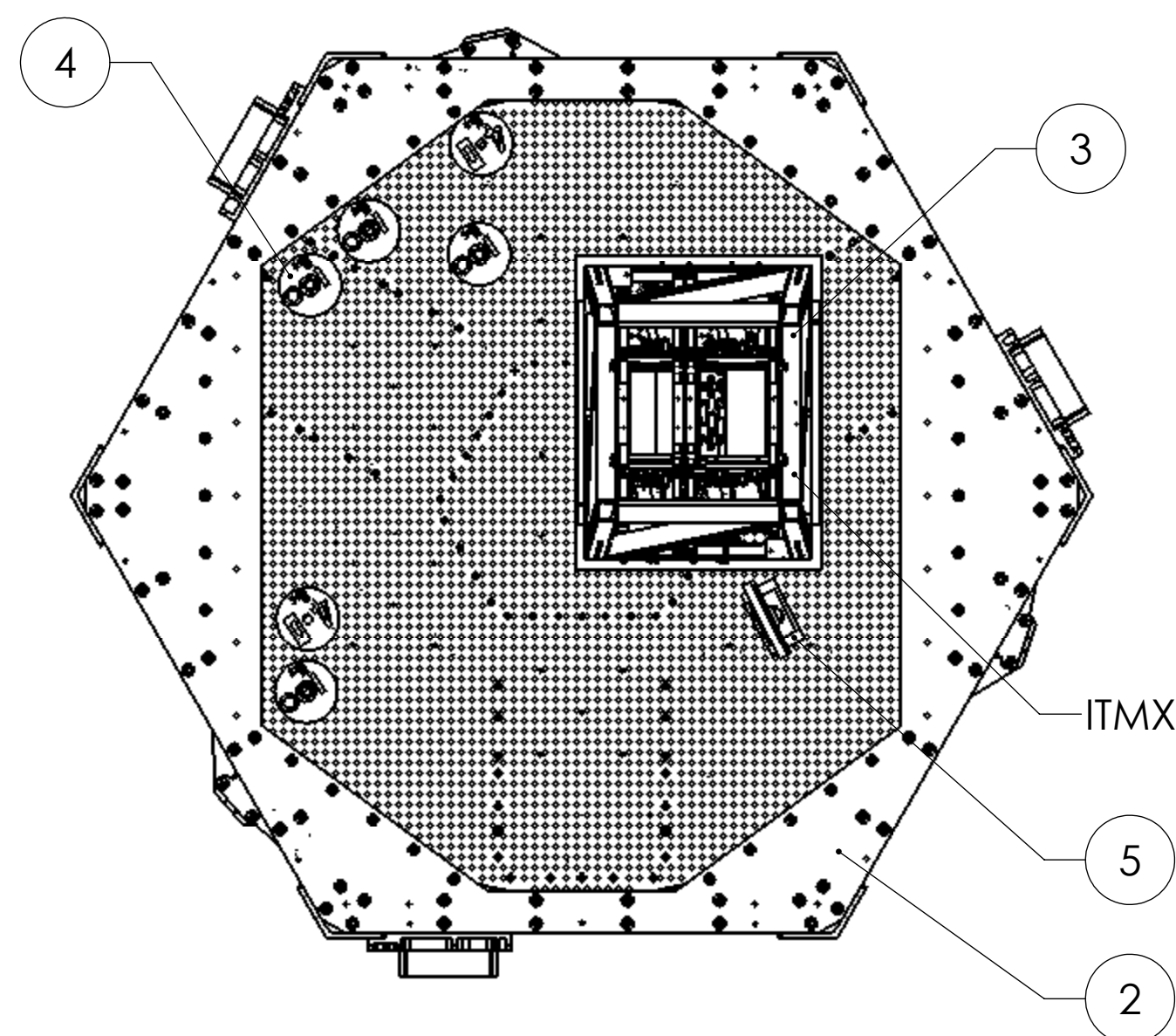
SCALE: 1:32	PROJECTION:	SHEET 1 OF 5
-------------	-------------	--------------

D0901146-BSC3-H1 Top Level Chamber Assembly, Complicated-1 PART PDM REV: X-008 DRAWING PDM REV: X-000

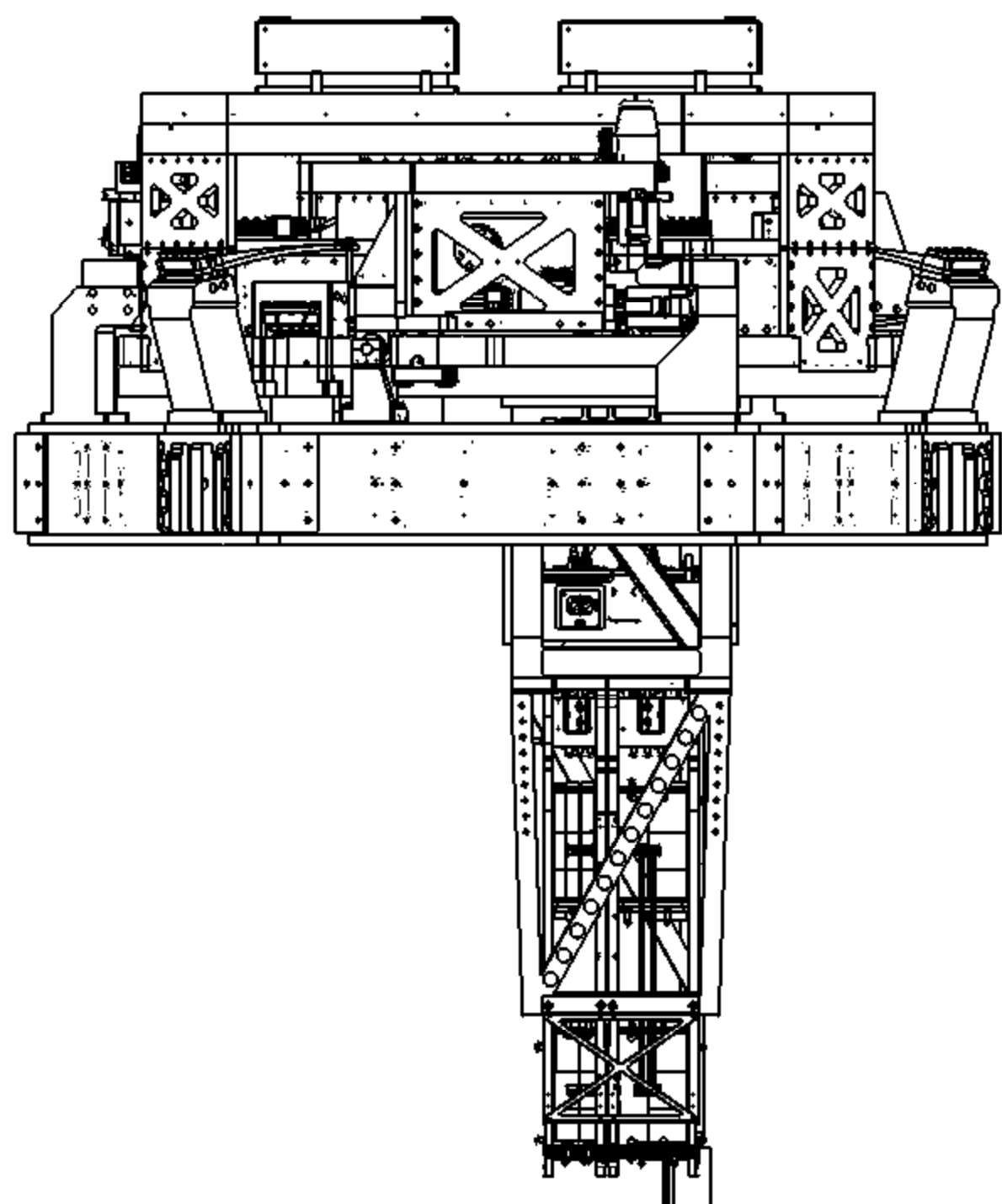
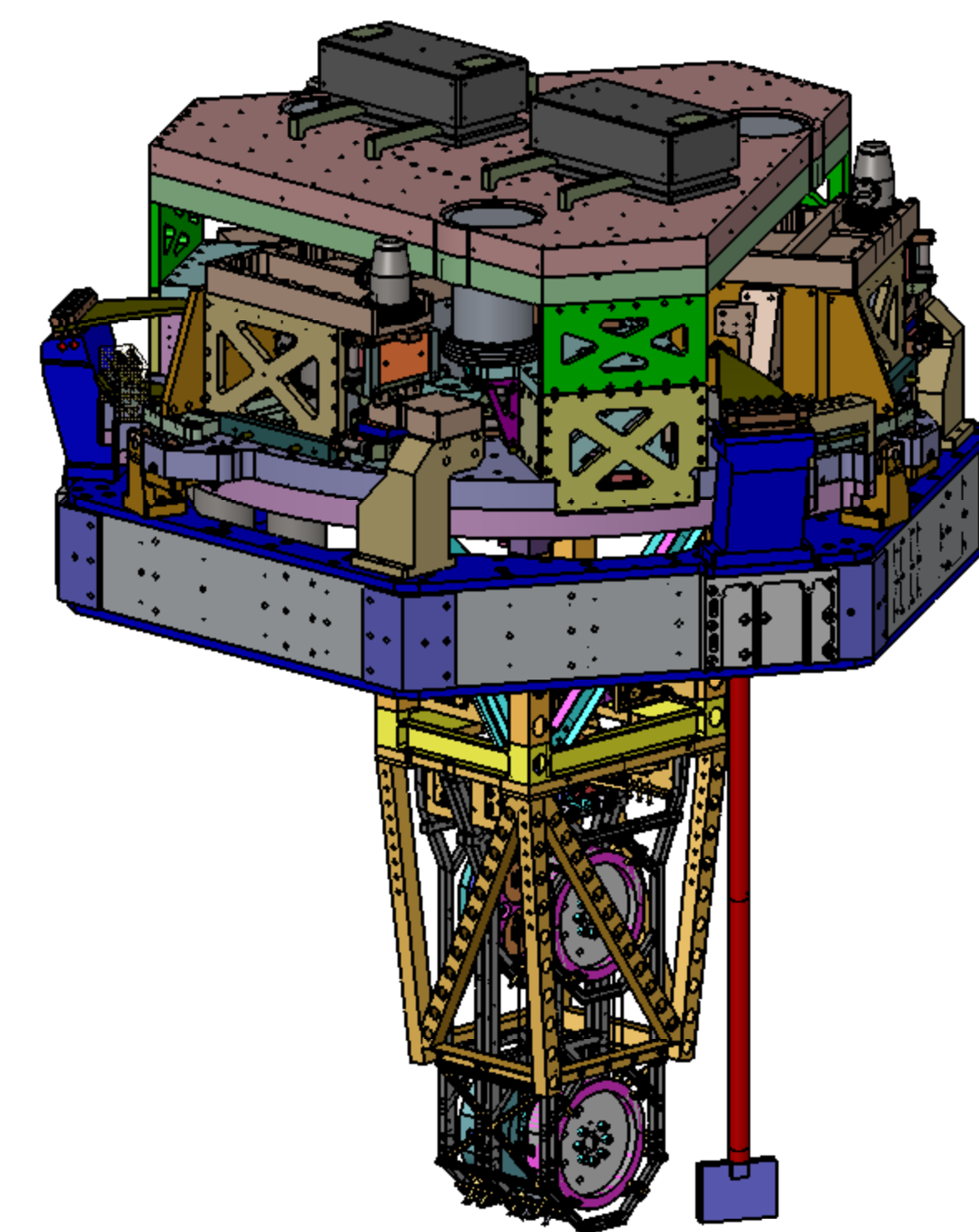
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



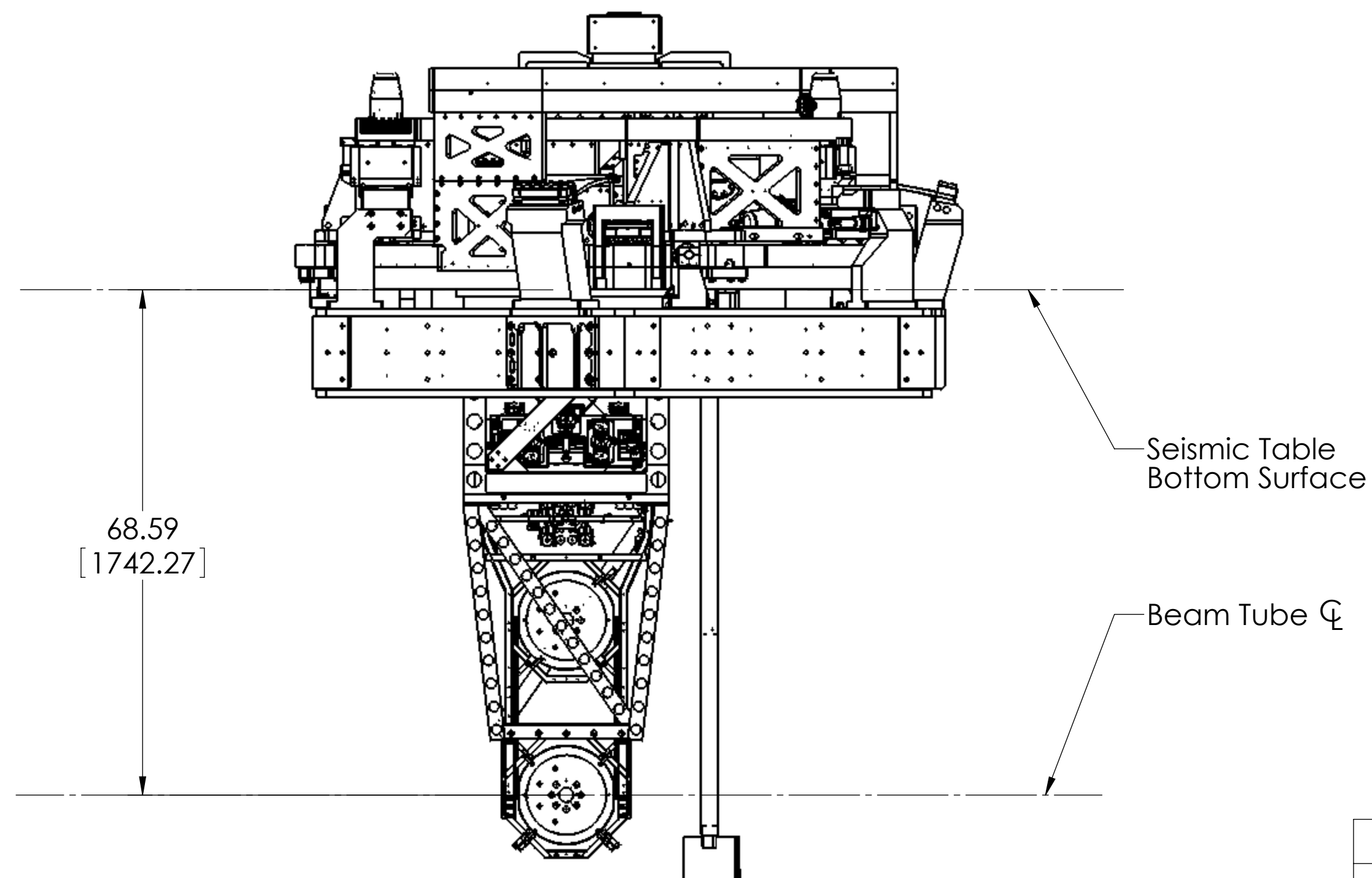
TOP VIEW



BOTTOM VIEW



FRONT VIEW



RIGHT SIDE VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	Full/QTY.
5	D090XXXX	AdvLIGO SUS, BSC3-H1 XYZ Local CS for CO2 Steering Mirror	N/A	1
4	D0900344	AdvLIGO Systems SEI Table Counterweight Assy	--	1
3	D0901149	AdvLIGO SUS BSC3-H1, XYZ Local CS for ITMX	--	1
2	D0901148	AdvLIGO SEI BSC3-H1, XYZ Local CS for ISI Table	--	1
NOT SHOWN	D0901147	AdvLIGO VE BSC3-H1, Vacuum Equipment Assembly	--	1

BSC3-H1 GLOBAL COORDINATES (mm)	
X	4580.0
Y	0.0
Z	0.0

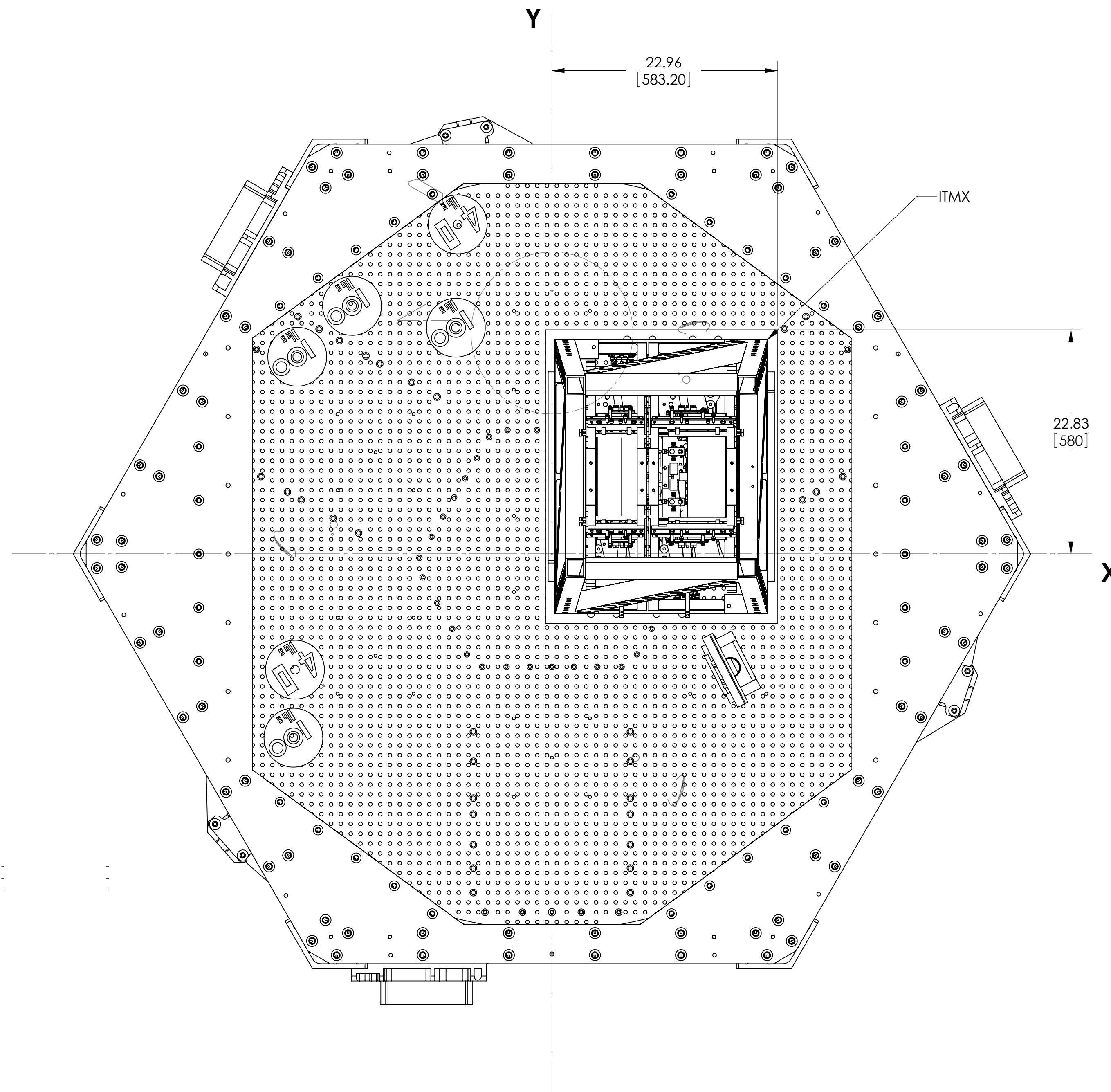
DIMENSIONS ARE IN INCHES	
TOLERANCES:	.XX ± 0.01
	.XXX ± 0.005
ANGULAR ±	0.5°
MATERIAL	--
FINISH	-- μinch

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

PART NAME
BSC3-H1 Top Level Chamber Assembly, Fully Defined
 DESIGNER: SIZE: DWG. NO.: REV.:
 DRAFTER: ED CHAVEZ 23 OCT 2009 **D** **D0901146** v3
 CHECKER: SCALE: 1:32 PROJECTION: SHEET 2 OF 5
 APPROVAL:

D0901146 BSC3-H1 Top Level Chamber Assembly, Complicated II PART PDM REV: X-009; DRAWING PDM REV: X-000

REV.	DATE	DCN #	DRAWING TREE #



BOTTOM VIEW

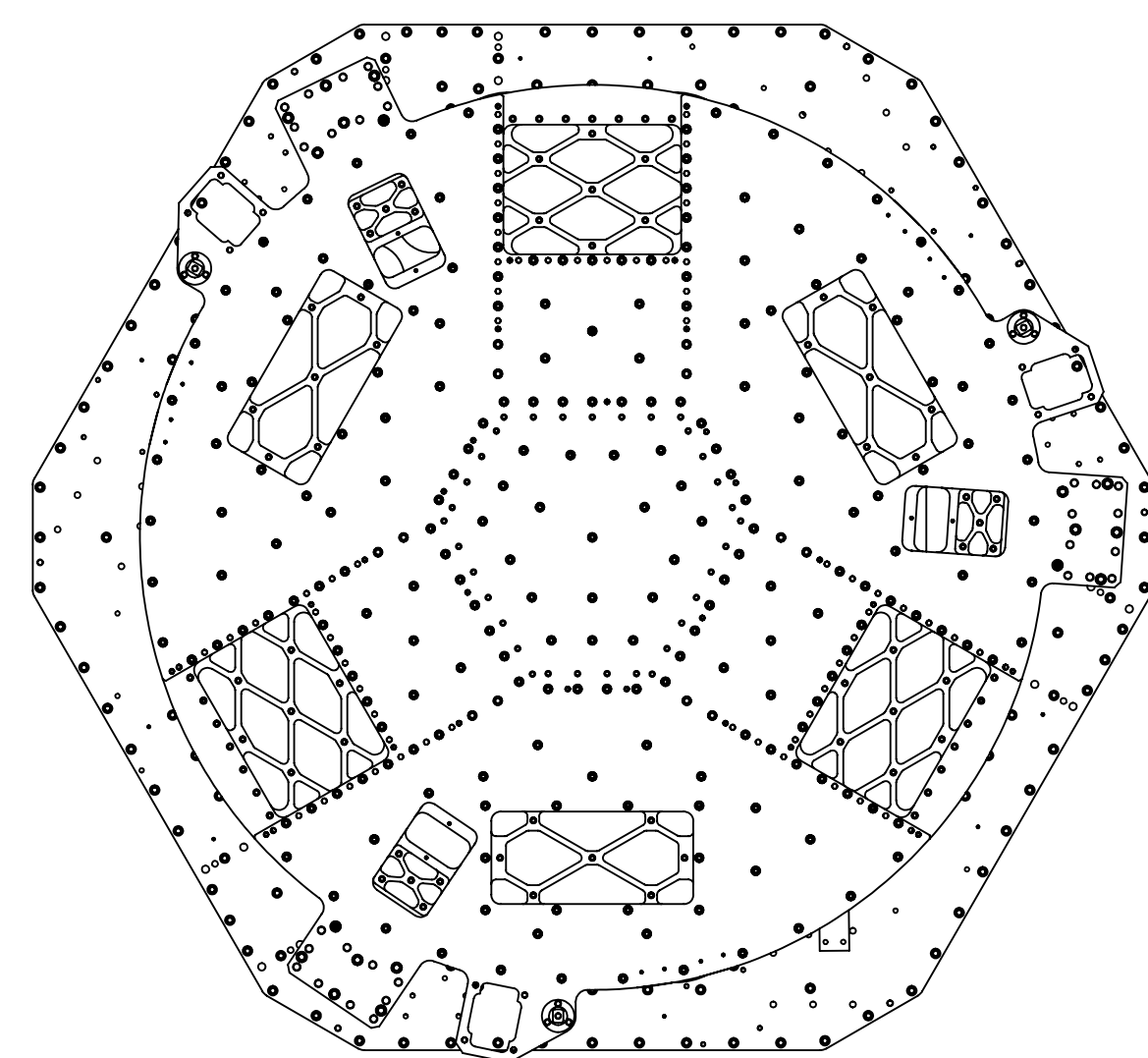
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN	
TOLERANCES:	
.XX ±	
.XXX ±	
ANGULAR ± °	
MATERIAL	--
FINISH	-- μinch

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

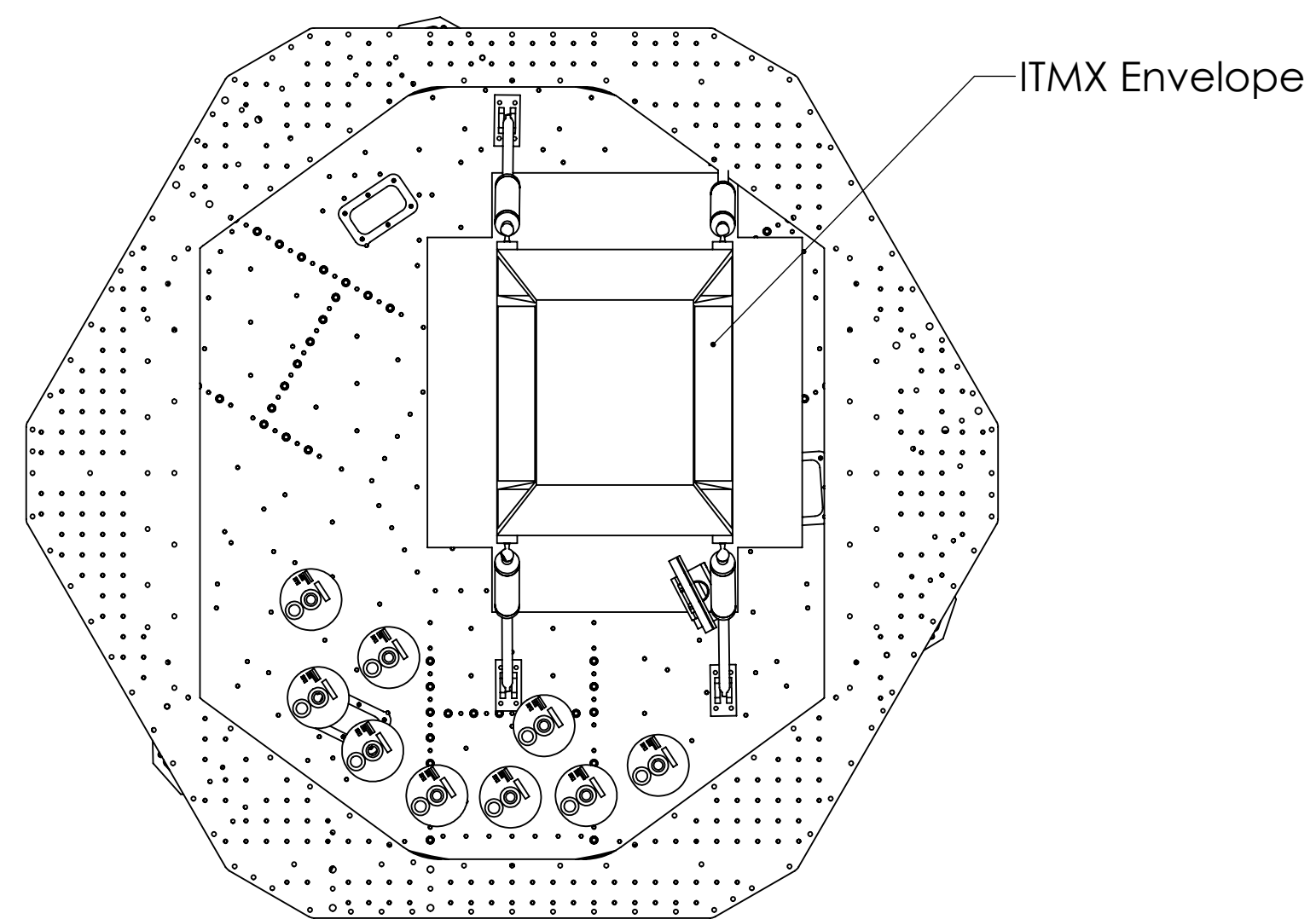
PART NAME			
BSC3-H1 Top Level Chamber Assembly, Fully Defined			
DESIGNER	DATE	SIZE	DWG. NO.
DRAFTER	23 OCT 2009	D	D0901146
CHECKER			REV. v3
APPROVAL		SCALE: 1:2	PROJECTION:
		SHEET 3 OF 5	

D0901146-BSC3-H1 Top Level Chamber Assembly, Complicated III, PART FDM REV: X-005, DRAWING FDM REV: 1

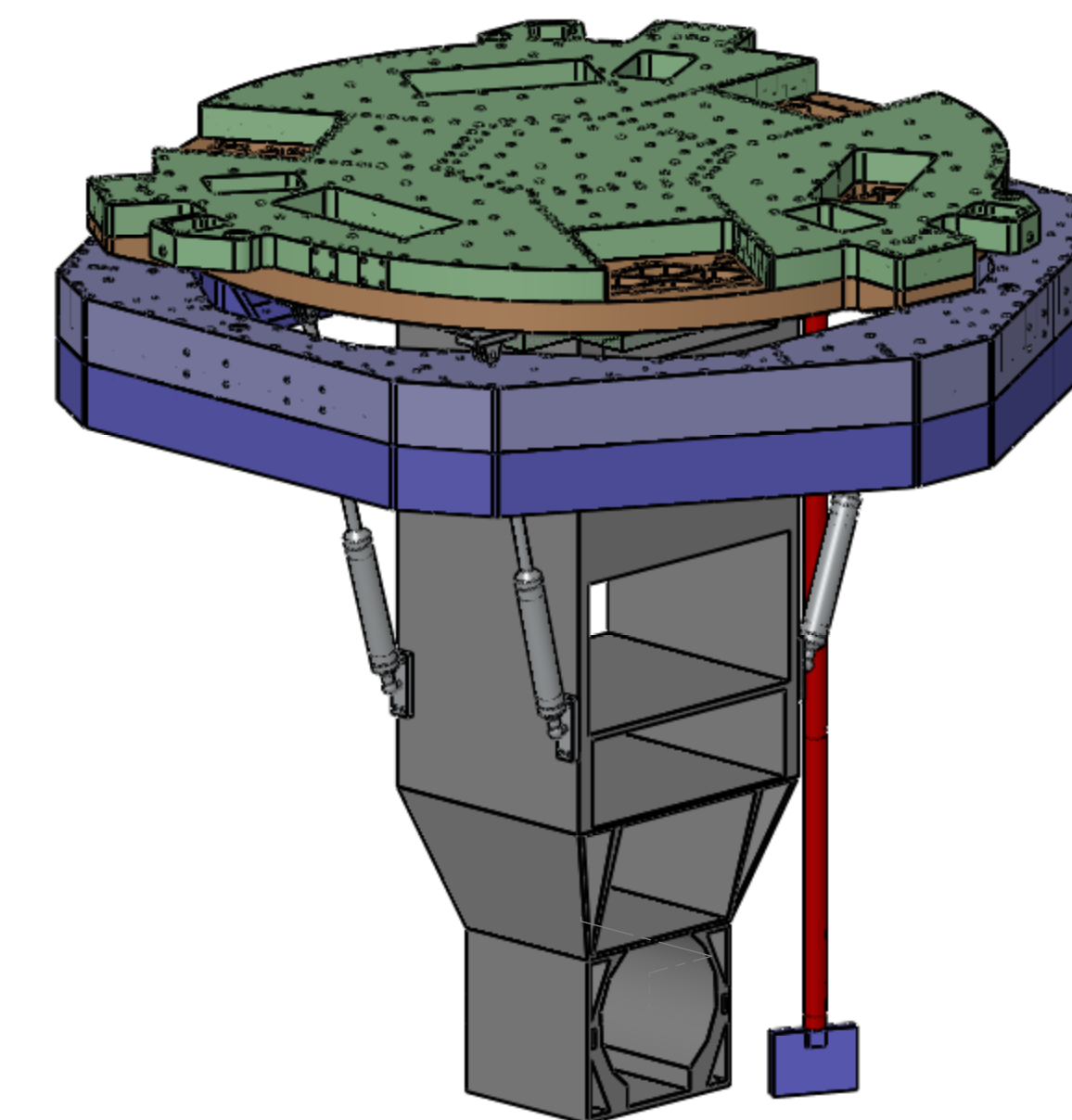
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



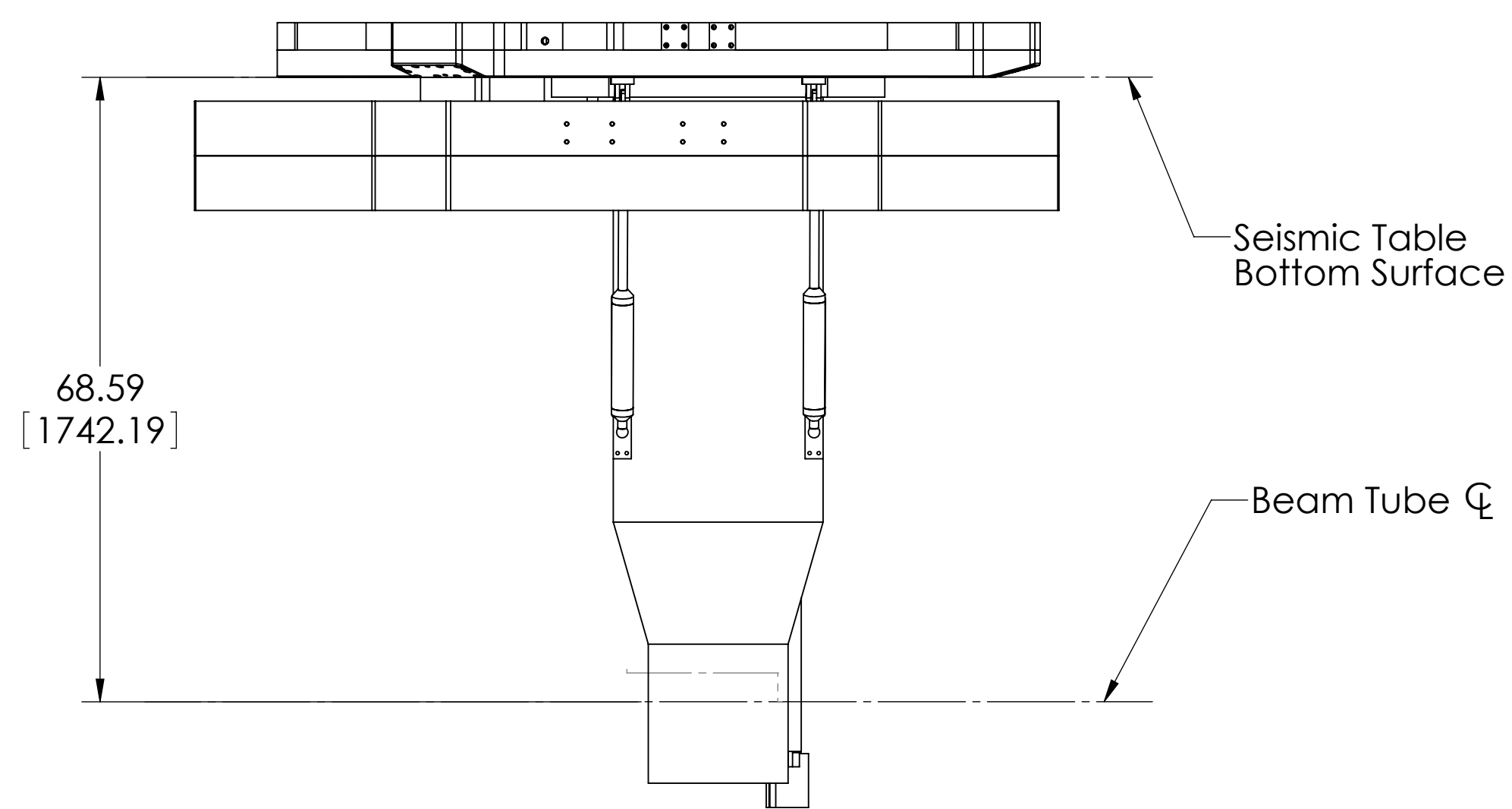
TOP VIEW



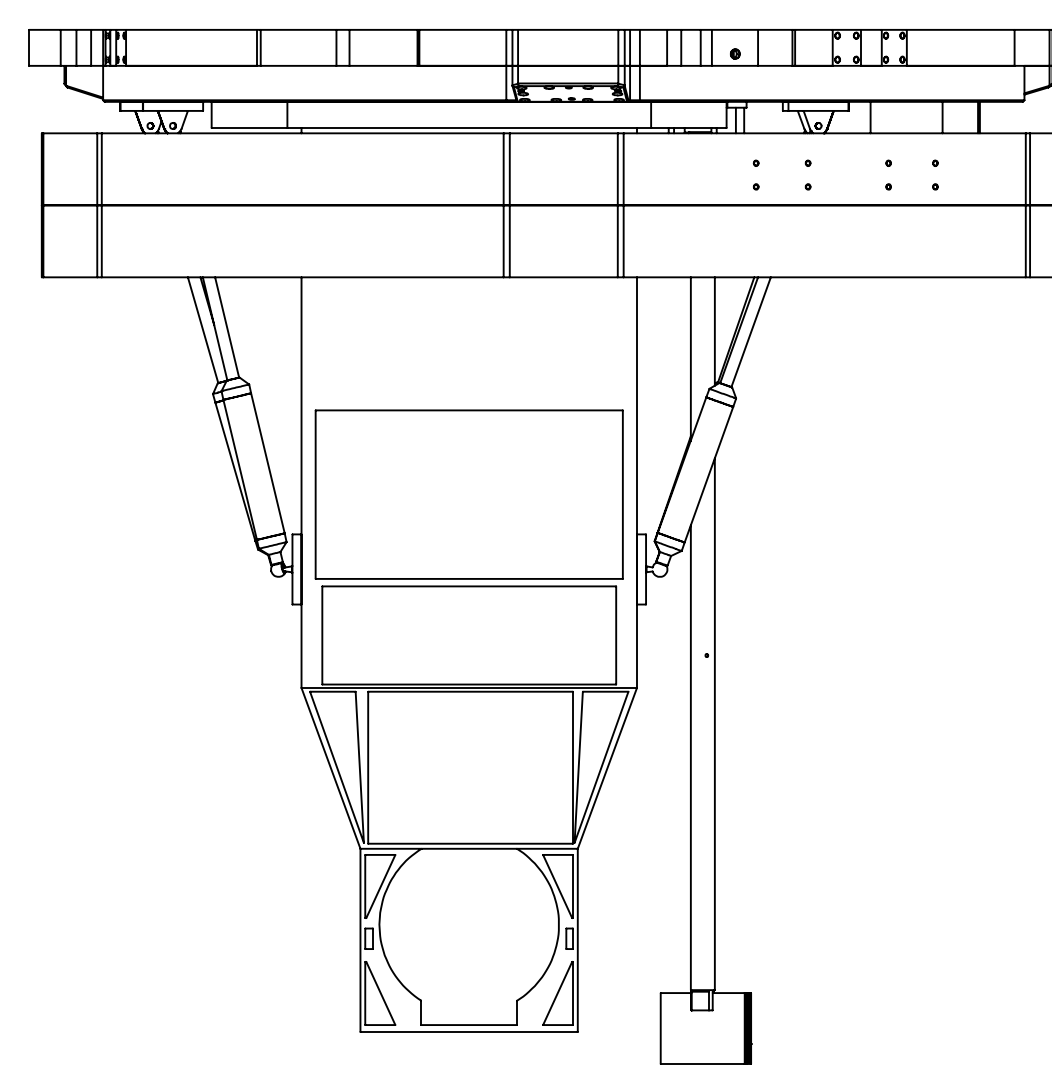
BOTTOM VIEW



NO SUSPENDED MASS & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC3-H1	
CofG COORDINATES (mm)	
X	-23.9
Y	99.9
Z	1411.0
TABLE MASS W/NO SUS-MASS TOTAL	551.76

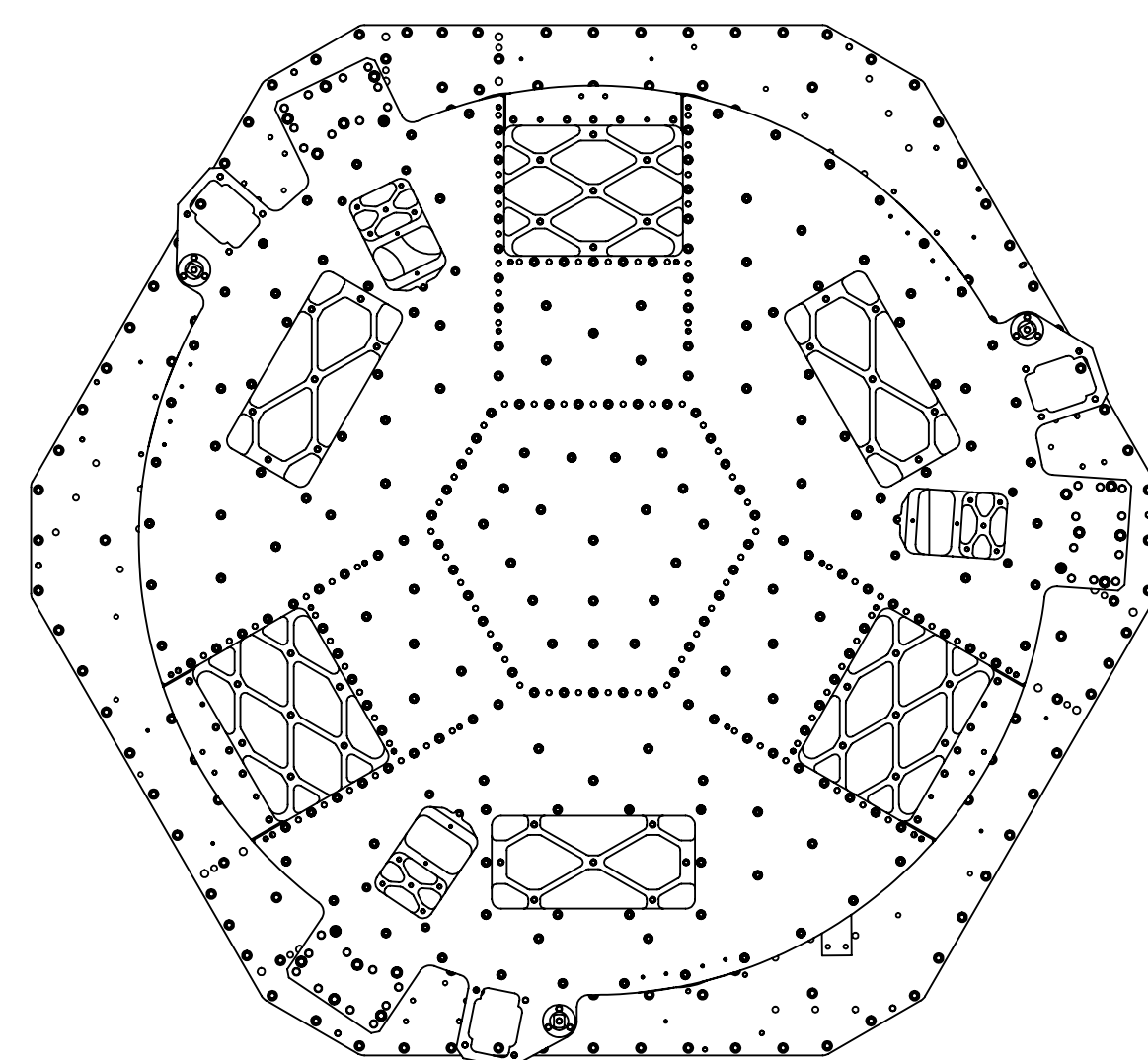
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
ANGULAR ± 0.5°	
MATERIAL	FINISH
--	-- μinch

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

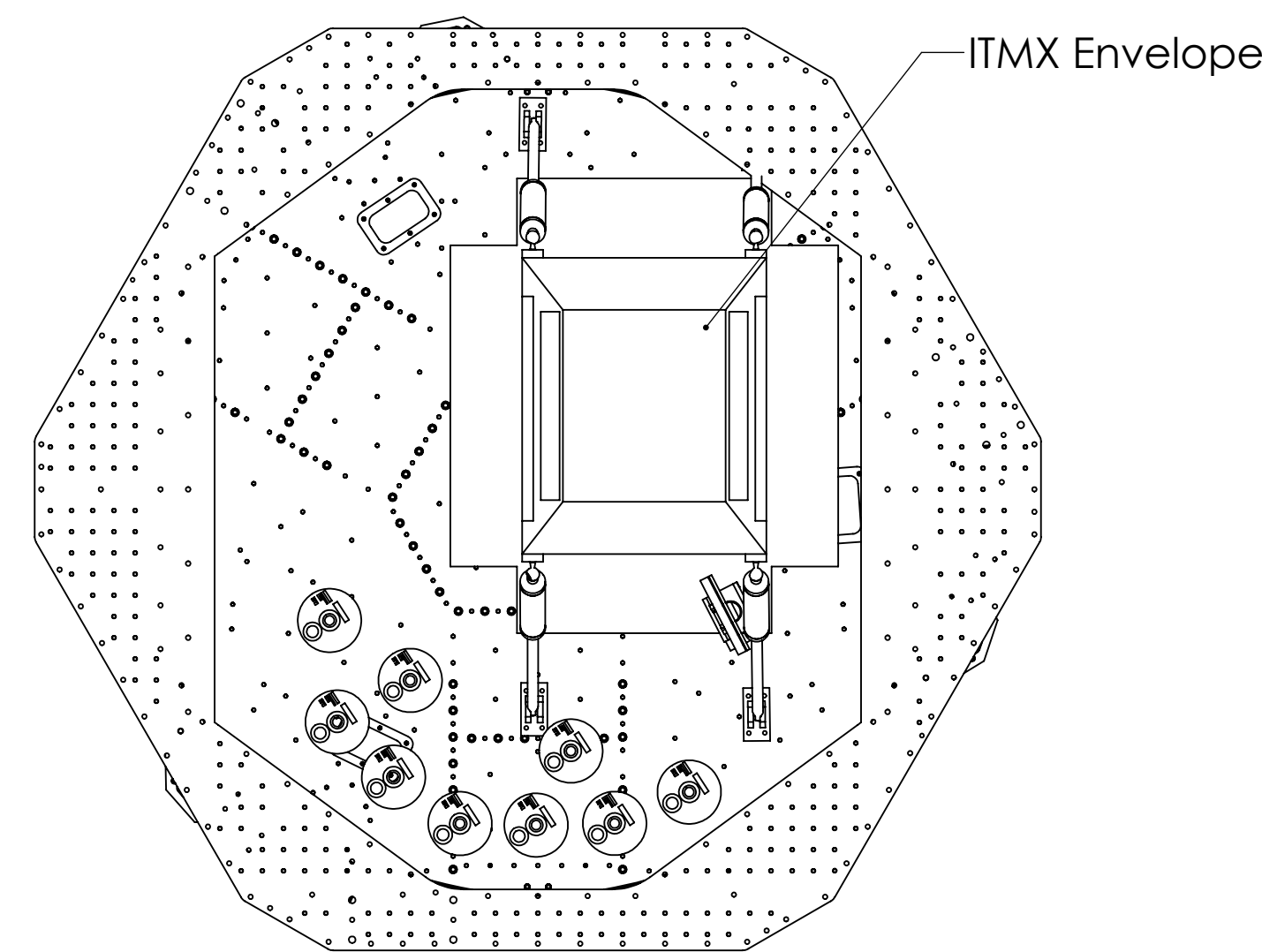
PART NAME			
BSC3-H1 Top Level Chamber Assembly, Simplified			
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	ED CHAVEZ	23 OCT 2009	D
CHECKER			D0901146
APPROVAL			v3
SCALE: 1:24		PROJECTION:	SHEET 4 OF 5

D0901146 BSC3-H1 Top Level Chamber Assembly, Simplified-1.PART PDM REV: X.009 DRAWING PDM REV: X.000

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



TOP VIEW



BOTTOM VIEW

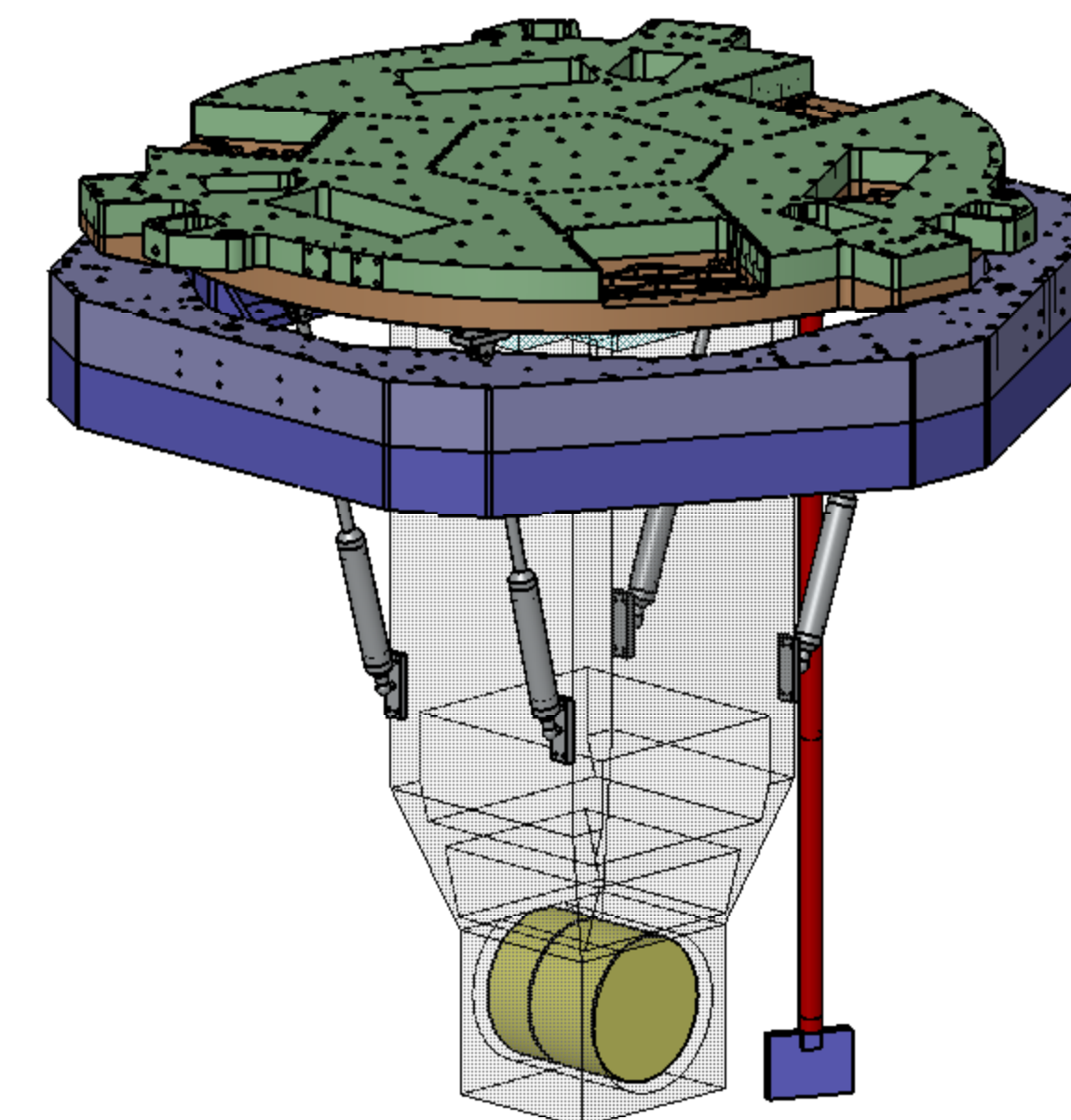
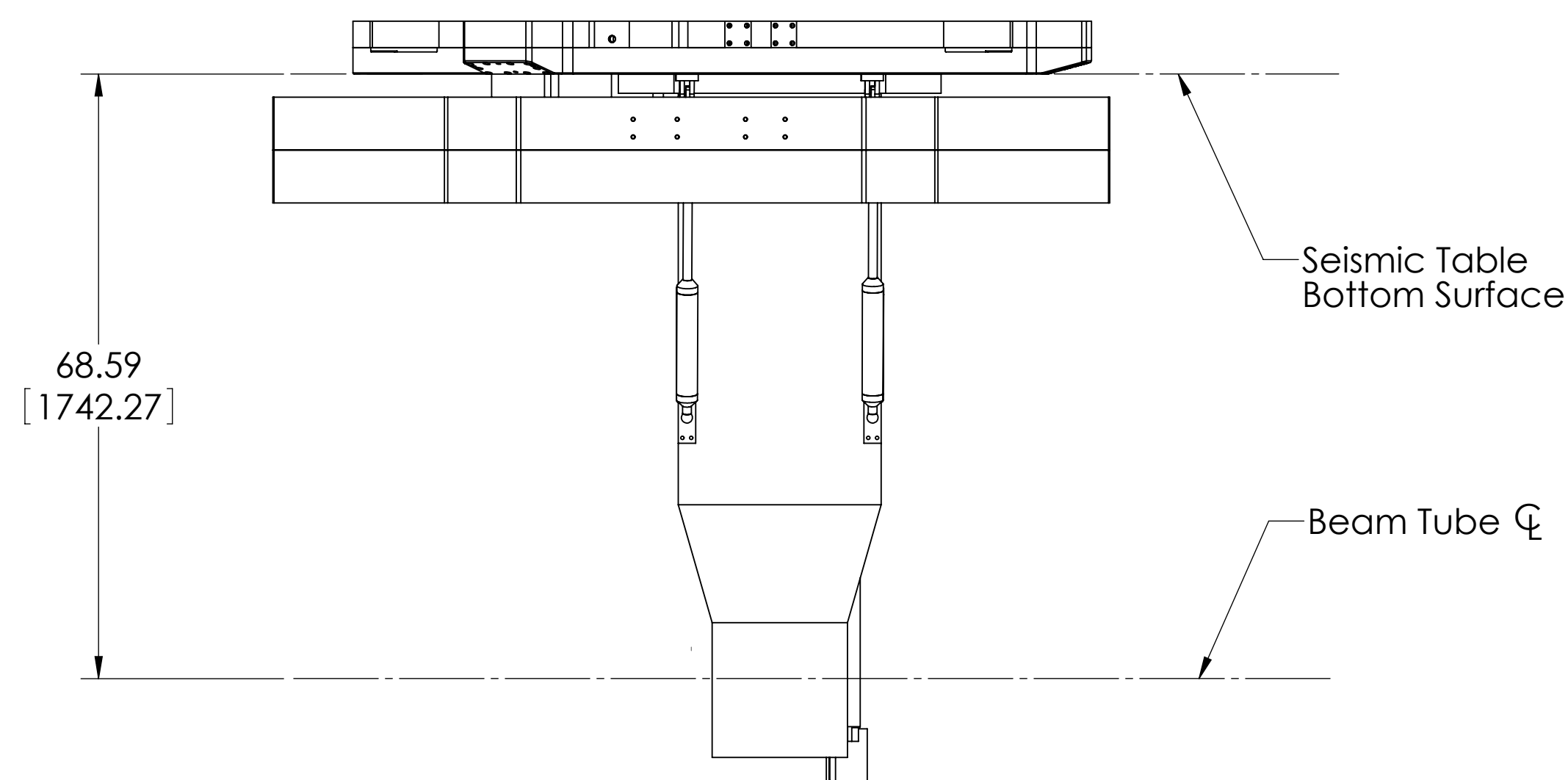
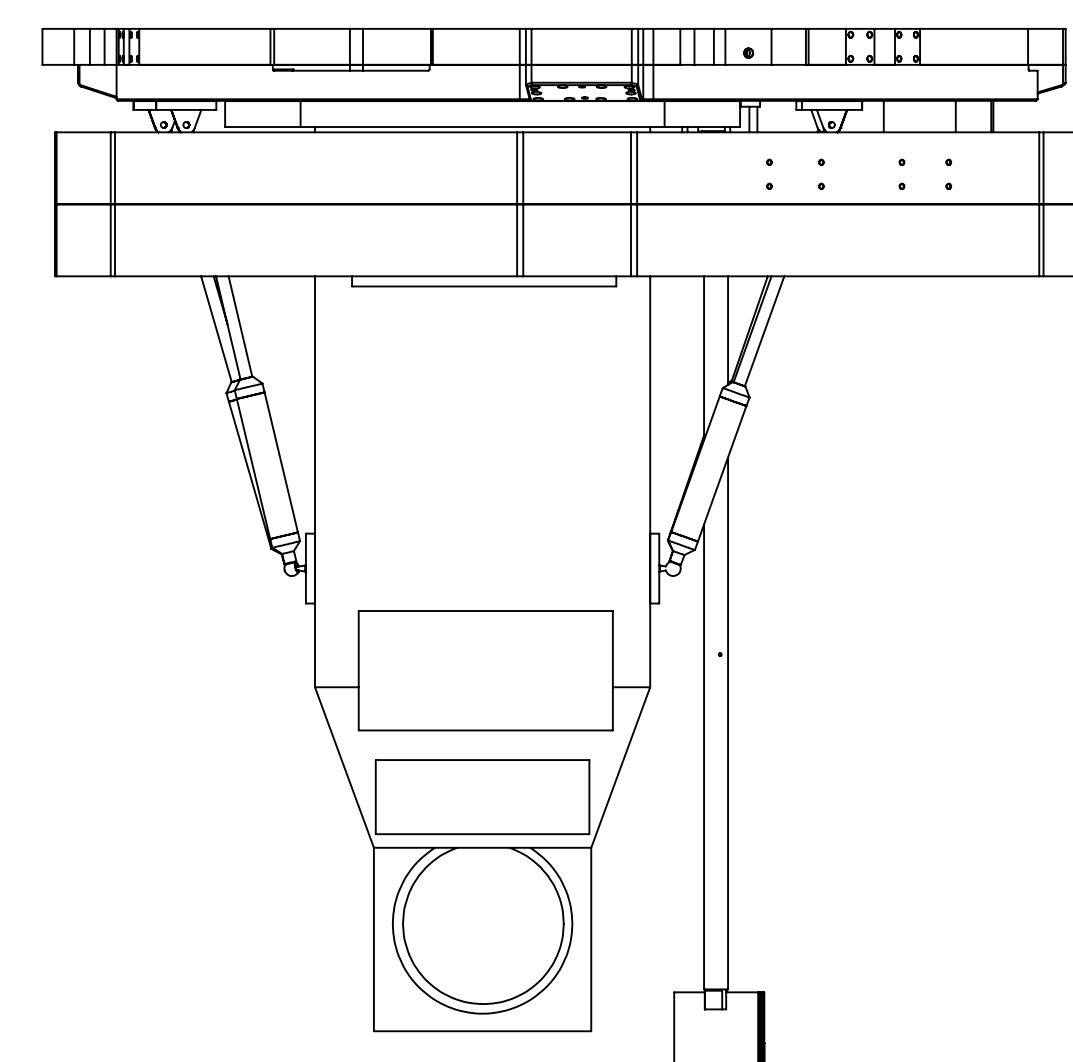


TABLE MASS TOTAL & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC3-H1	
CofG COORDINATES (mm)	
X	-0.60
Y	4.64
Z	1129.98
TABLE MASS TOTAL	806.13

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
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			
BSC3-H1 Top Level Chamber Assembly, Simplified			
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	ED CHAVEZ	23 OCT 2009	D
CHECKER			D0901146
APPROVAL			v3
SCALE: 1:24		PROJECTION:	SHEET 5 OF 5

D0901146 BSC3-H1 Top Level Chamber Assembly, Simplified.dwg PART PDM REV: X-012 DRAWING PDM REV: X-000