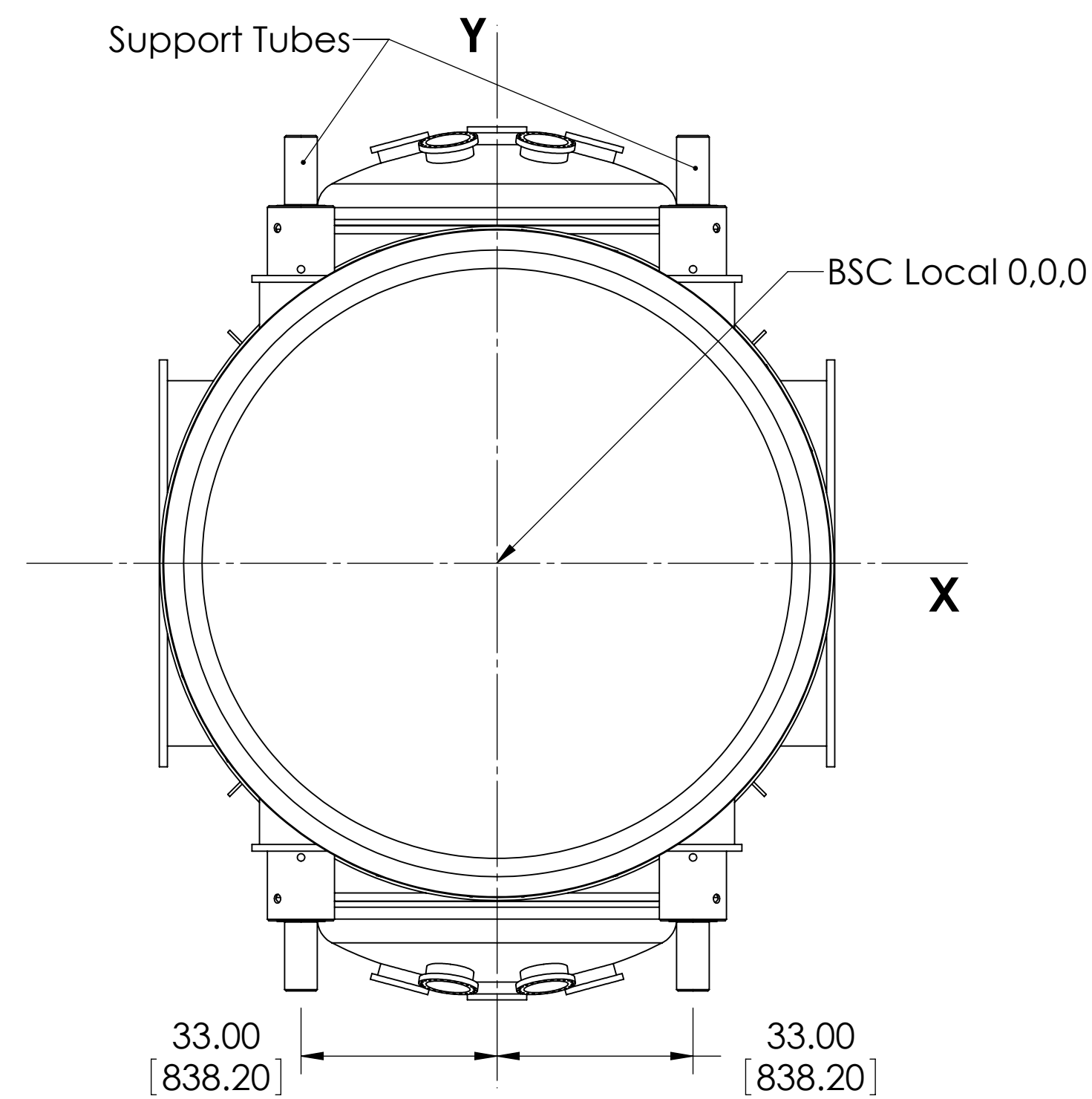
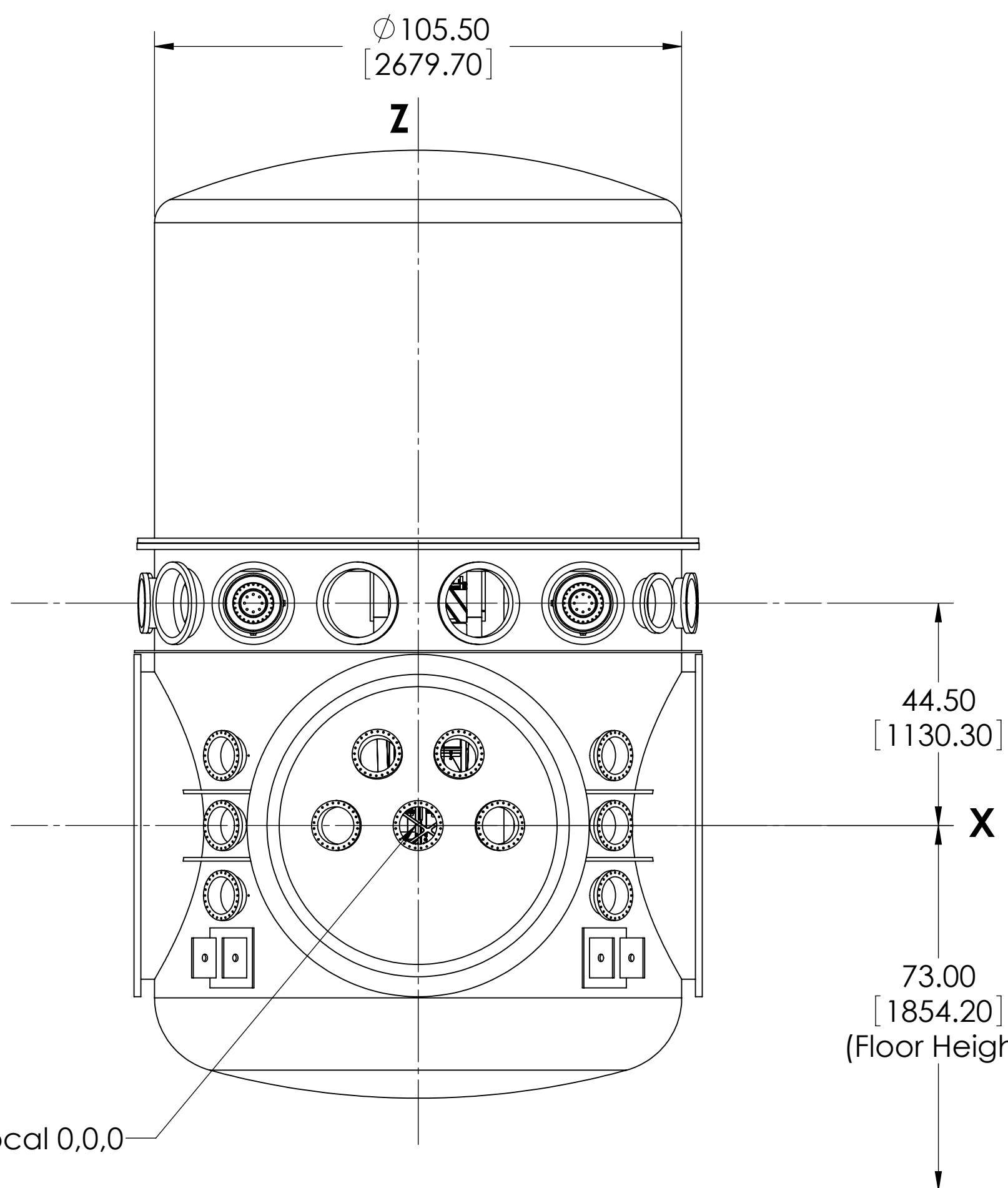


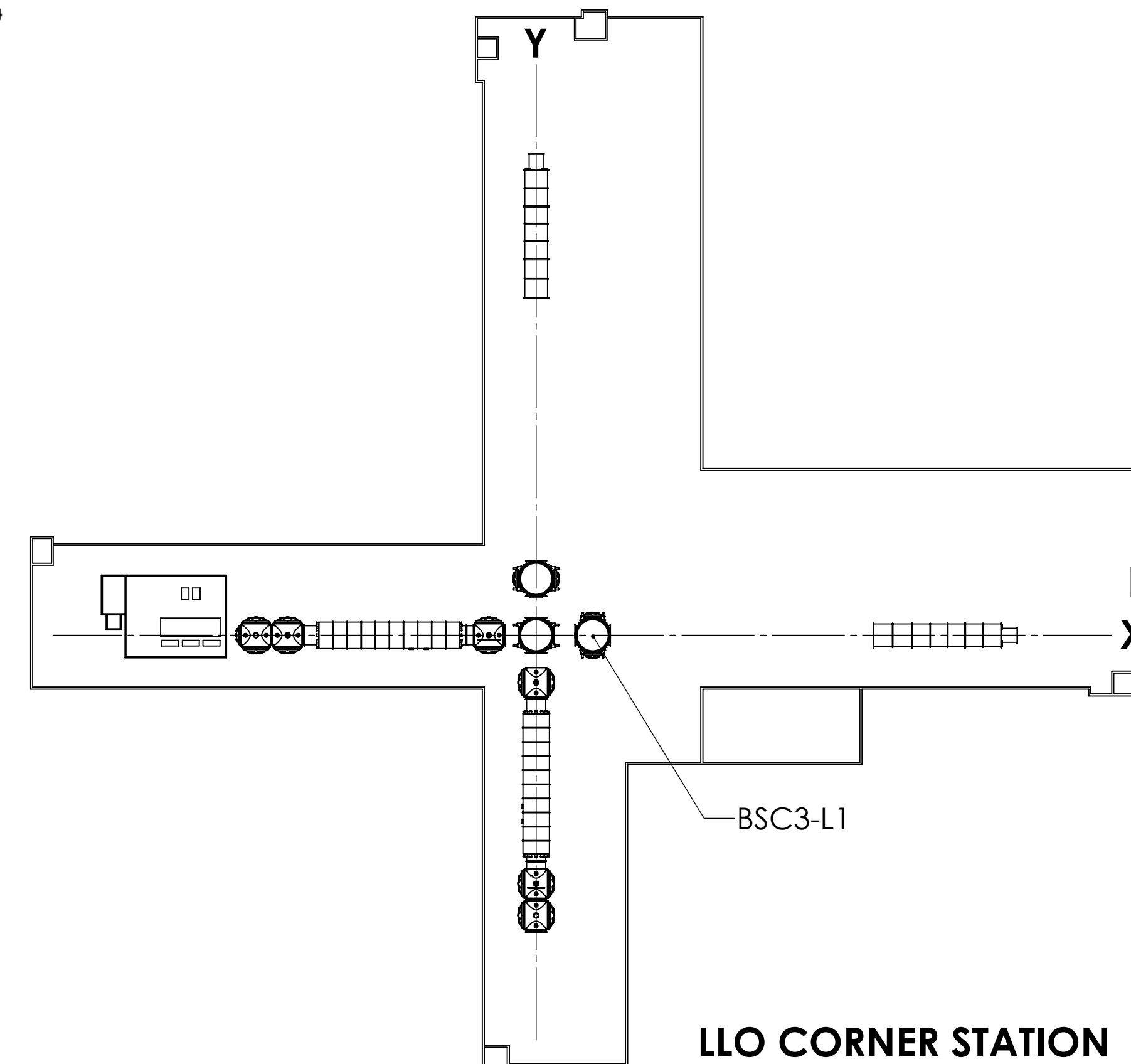
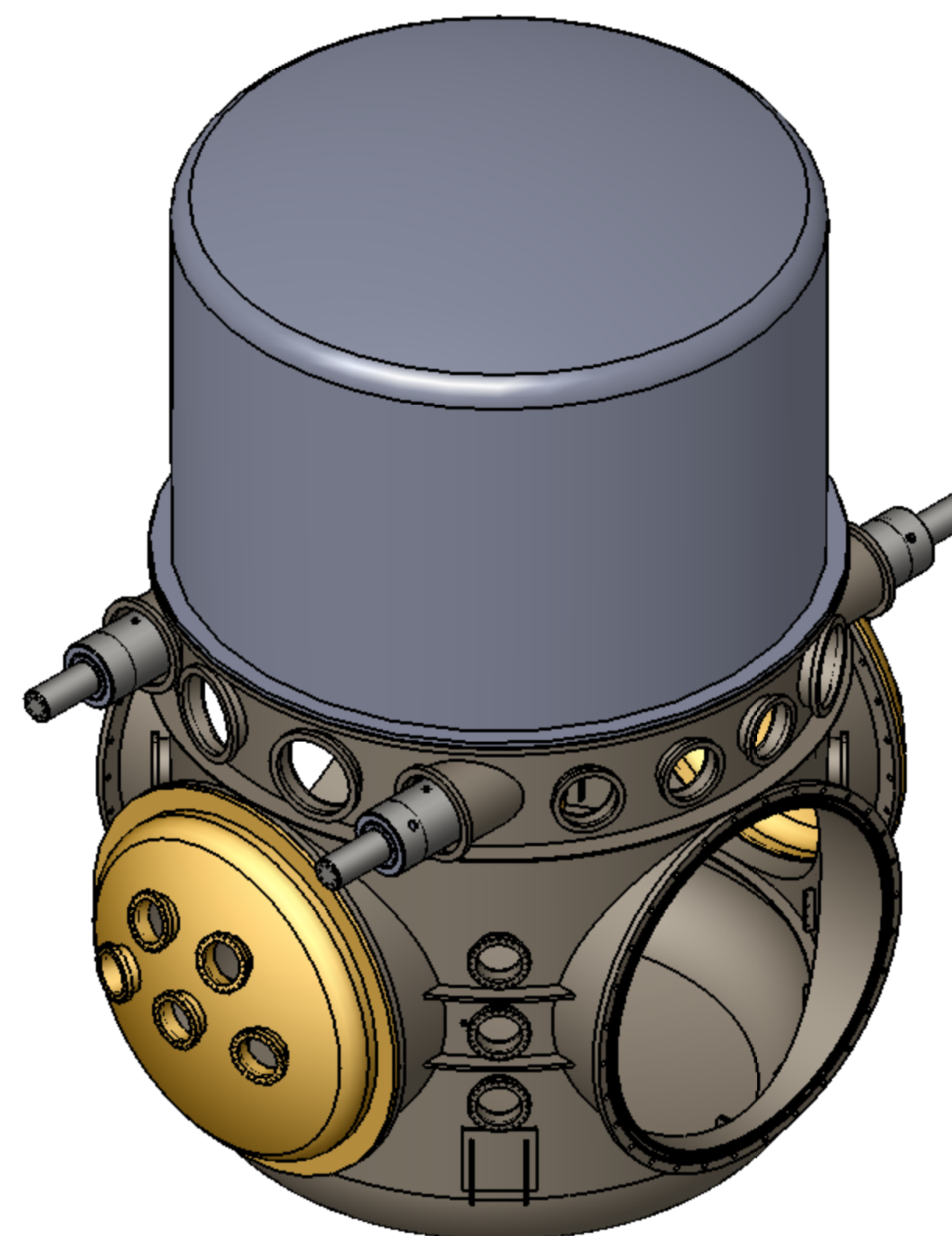
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



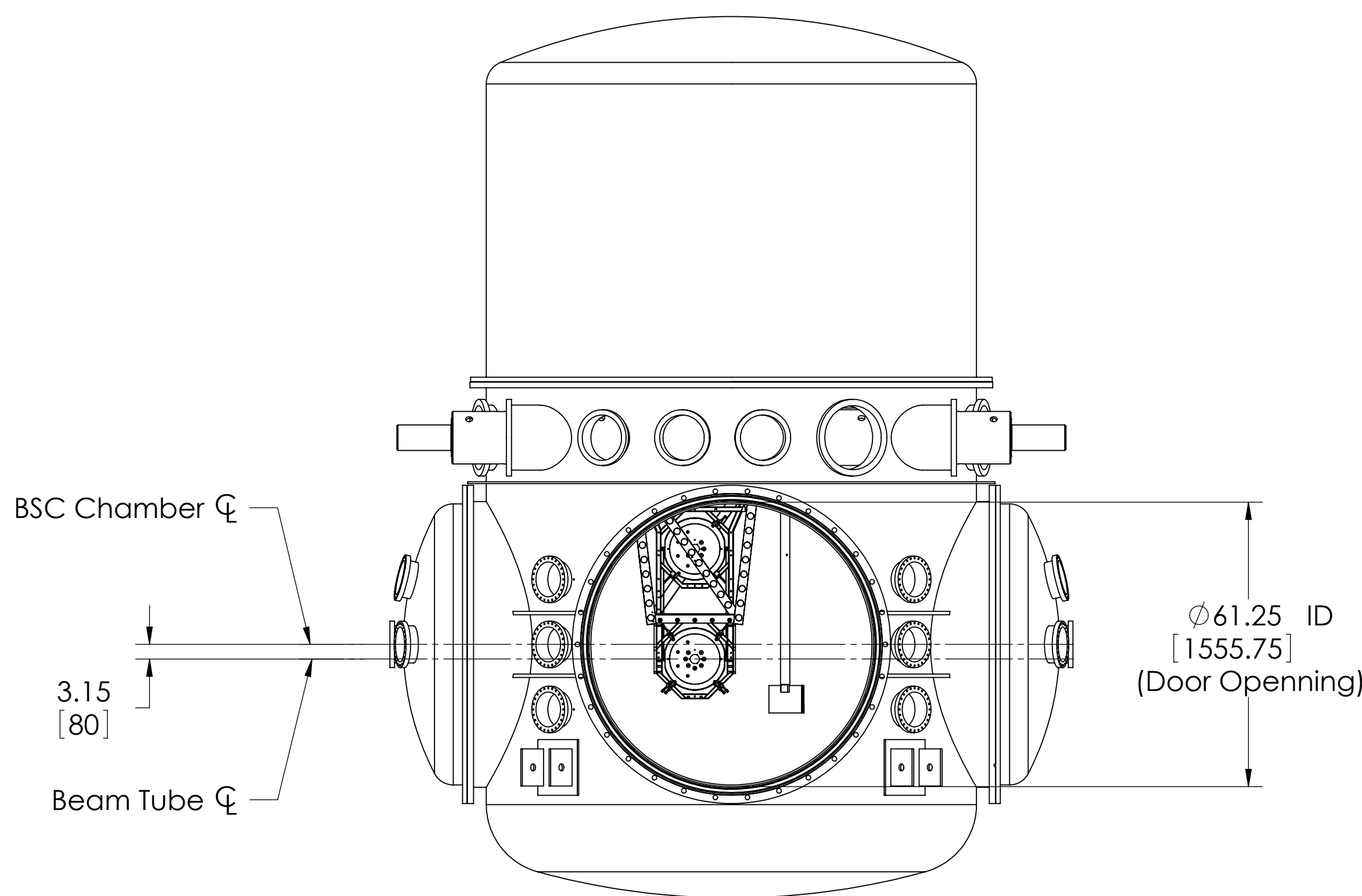
TOP VIEW



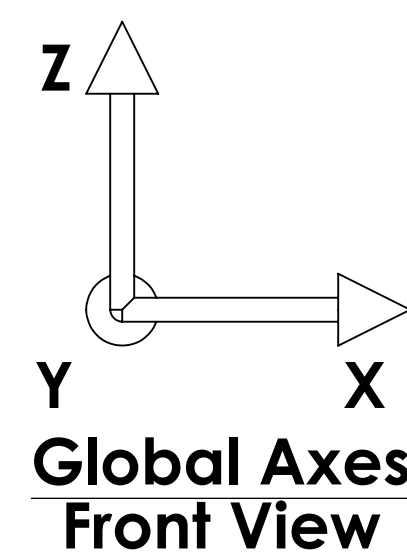
FRONT VIEW



LLO CORNER STATION



RIGHT SIDE VIEW



BSC3-L1 GLOBAL COORDINATES (mm)	
X	4580.0
Y	0.0
Z	0.0

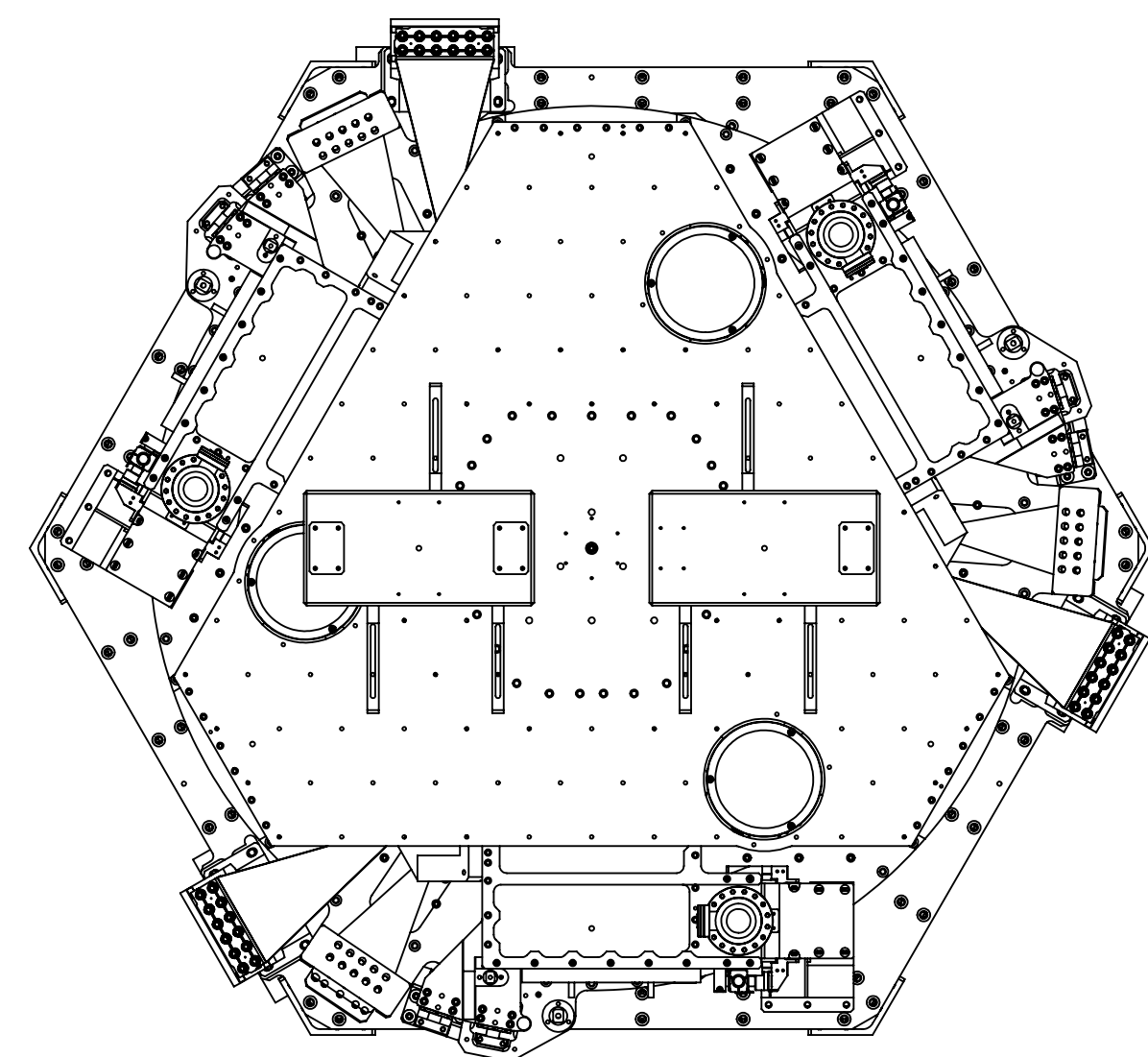
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
ANGULAR ± 0.5°	
MATERIAL	--
FINISH	-- μinch

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

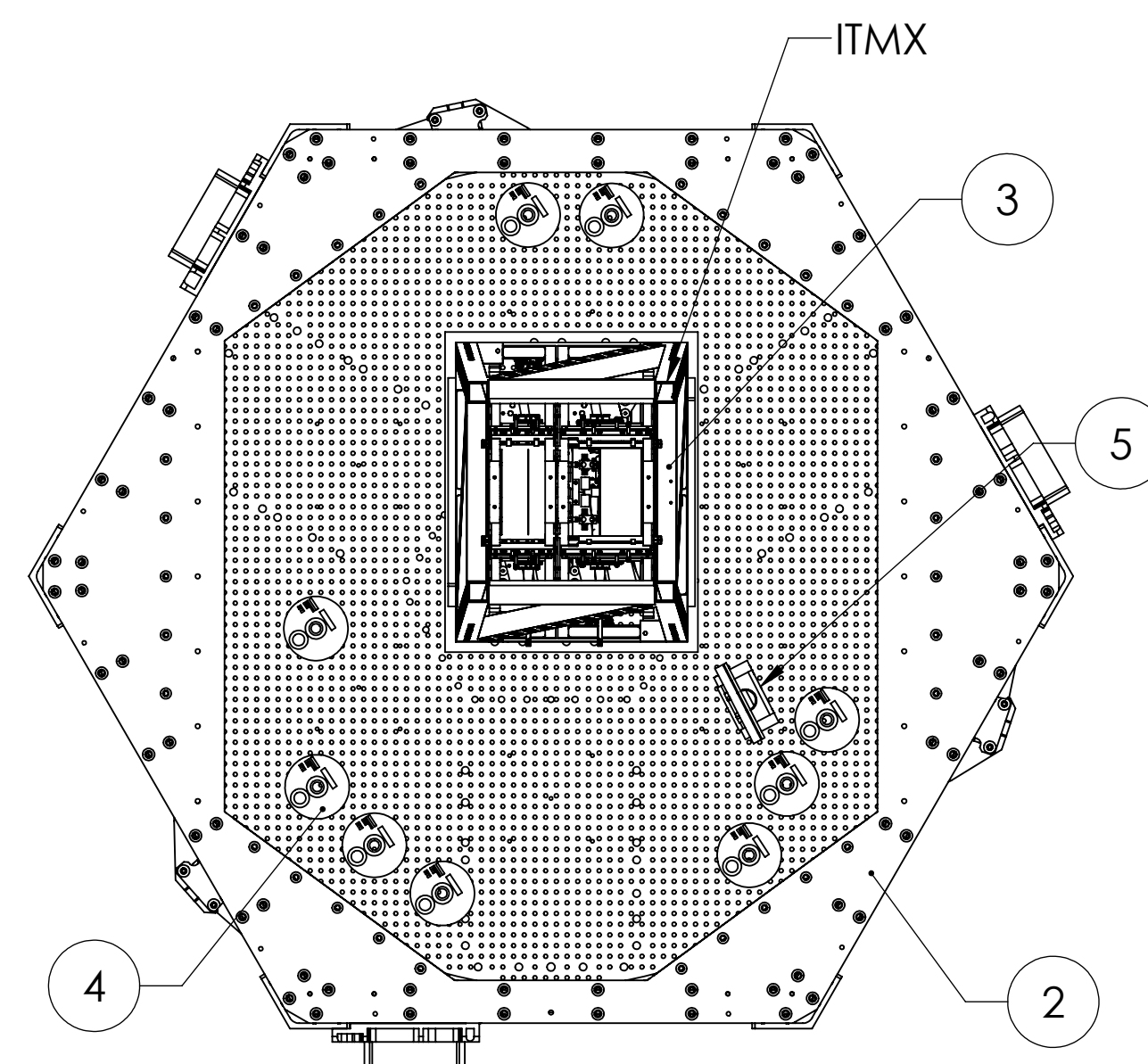
PART NAME		BSC3-L1 Top Level Chamber Assembly, Fully Defined	
DESIGNER	ED CHAVEZ	DATE	01 DEC 2009
DRAFTER		SCALE	D
CHECKER		DWG. NO.	D0900492
APPROVAL		PROJECTION	
		REV.	v3
		SCALE: 1:32	SHEET 1 OF 5

D0900492.BSC3-L1 Top Level Chamber Assembly, Complicated-1 PART PDM REV: X-008 DRAWING PDM REV: X-001

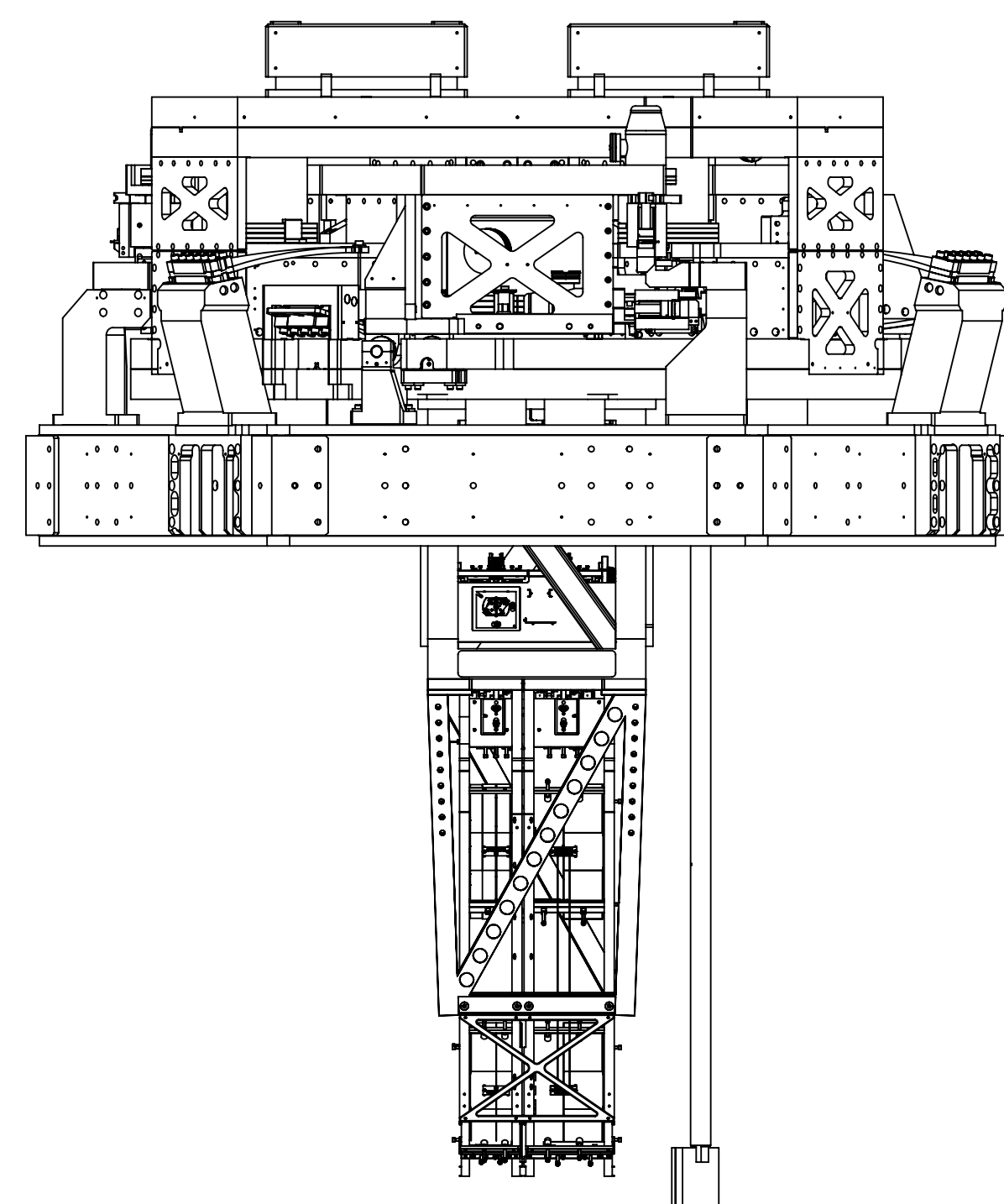
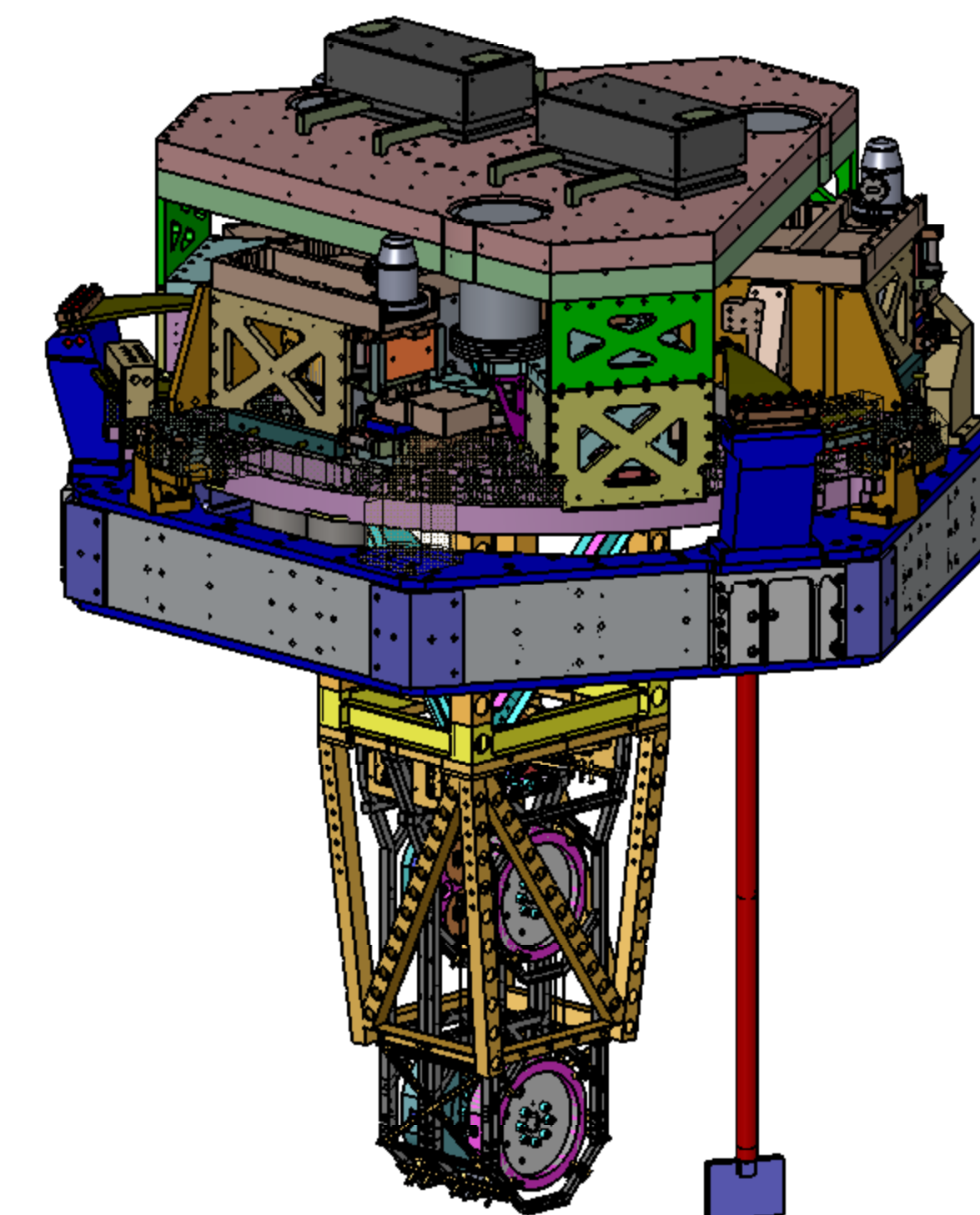
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



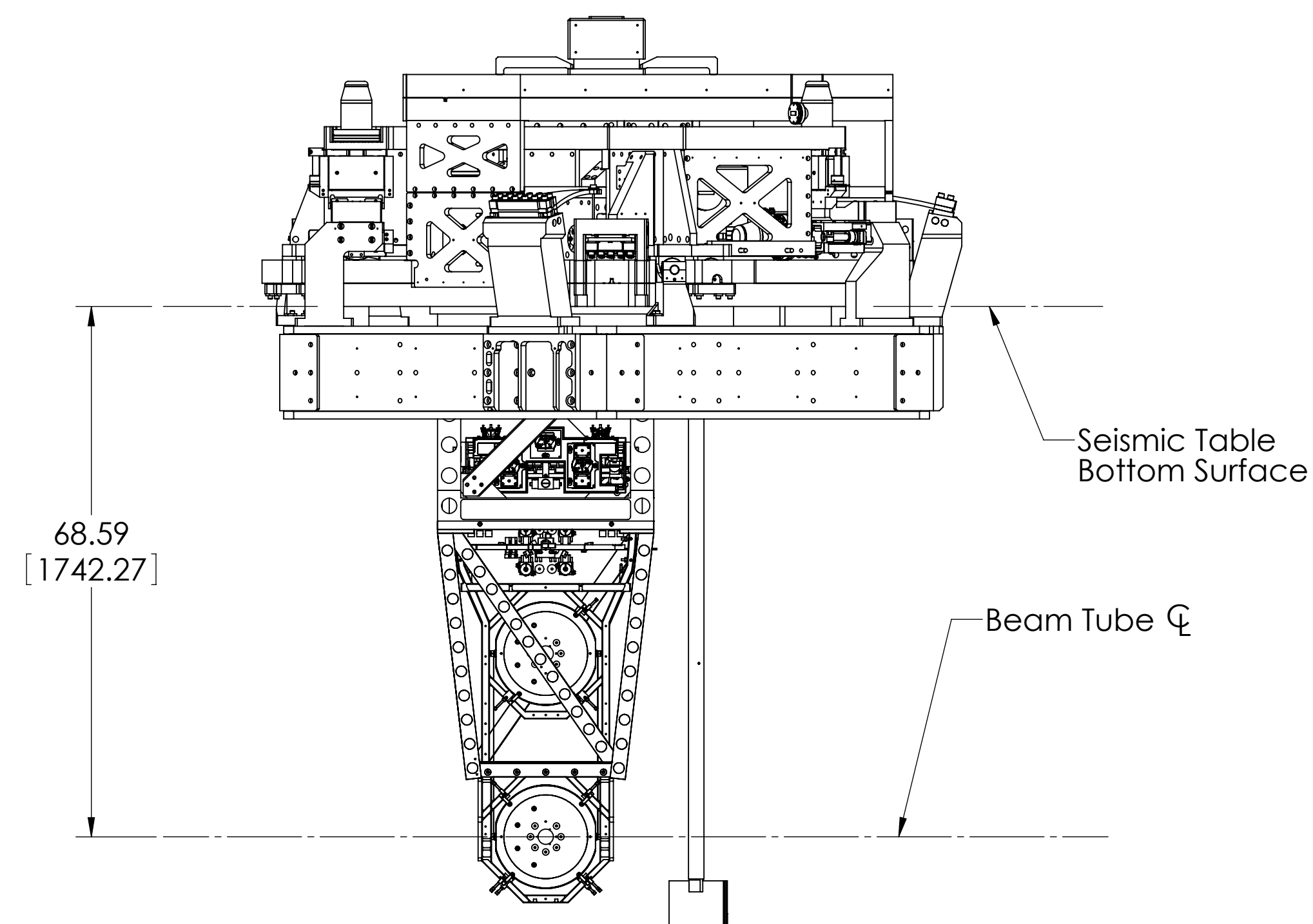
TOP VIEW



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	D0900495	AdvLIGO SUS BSC3-L1, XYZ Local CS for ITMX	--	1
2	D0900494	AdvLIGO SEI BSC3-L1, XYZ Local CS for ISI Table	--	1
NOT SHOWN	D0900493	AdvLIGO VE BSC3-L1, Vacuum Equipment Assembly	--	1

BSC3-L1 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°

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

MATERIAL	--	FINISH	--
			μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS

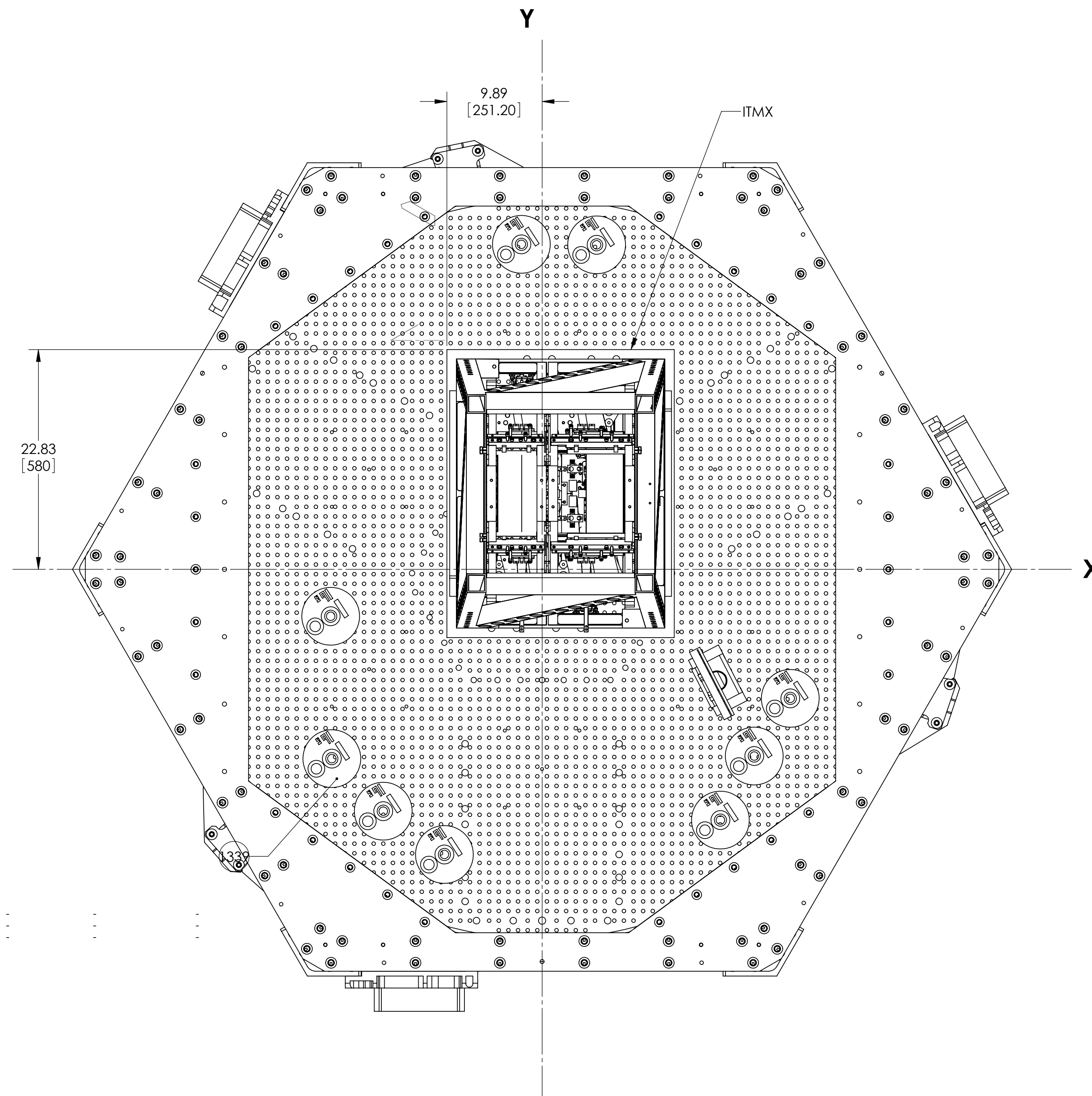
NEXT ASSY

PART NAME: BSC3-L1 Top Level Chamber Assembly, Fully Defined

DESIGNER	ED CHAVEZ	DATE	01 DEC 2009	SIZE	DWG. NO.	REV.
DRAFTER				D	D0900492	v3
CHECKER						
APPROVAL				SCALE: 1:32	PROJECTION:	SHEET 2 OF 5

D0900492.BSC3-L1 Top Level Chamber Assembly, Complicated II.PART PDM REV: X-008, DRAWING PDM REV: X-000

REV.	DATE	DCN #	DRAWING TREE #



BOTTOM VIEW

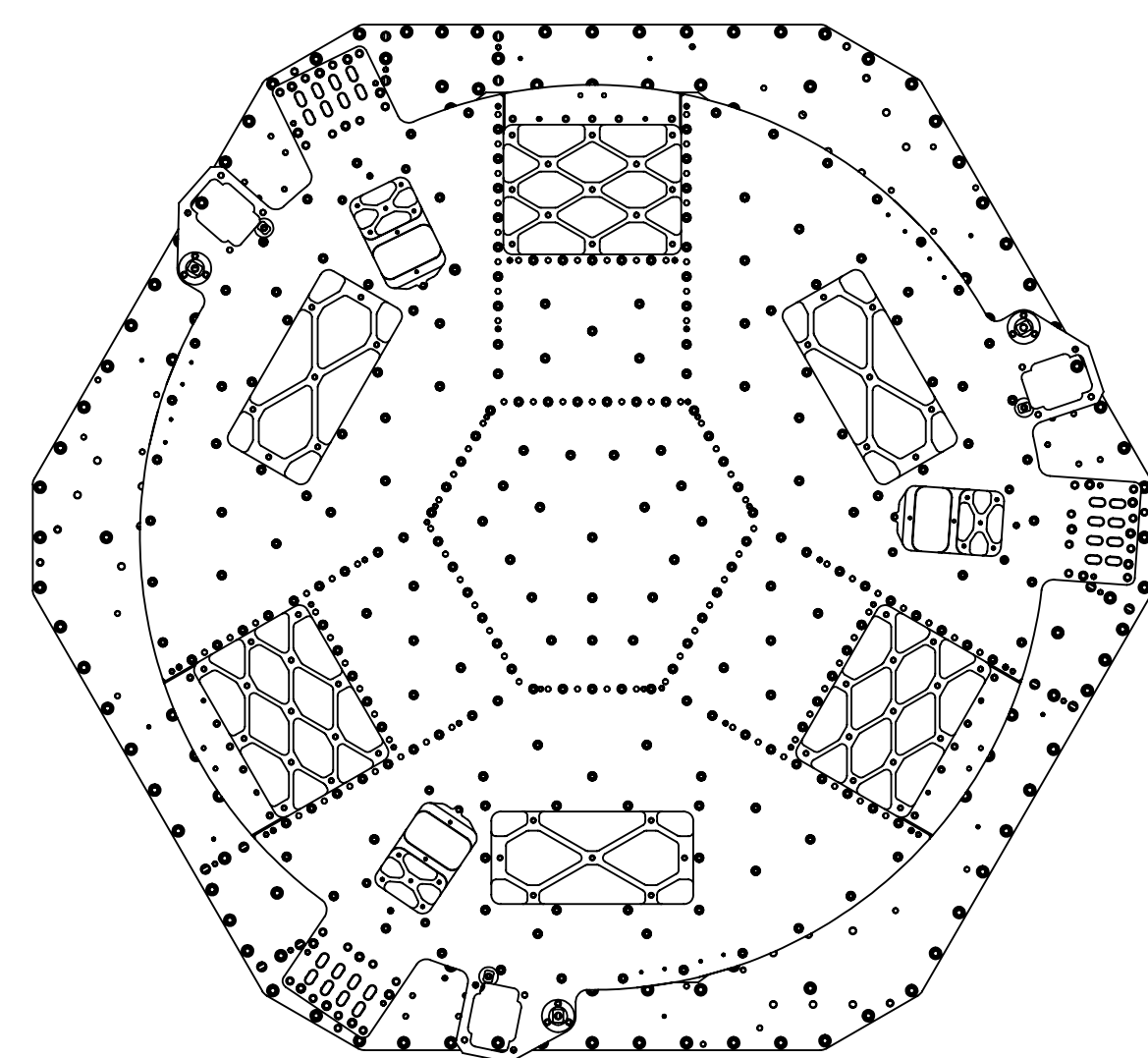
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN	
TOLERANCES:	
.XX ±	
.XXX ±	
ANGULAR ± °	
MATERIAL	--
FINISH	-- μinch

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

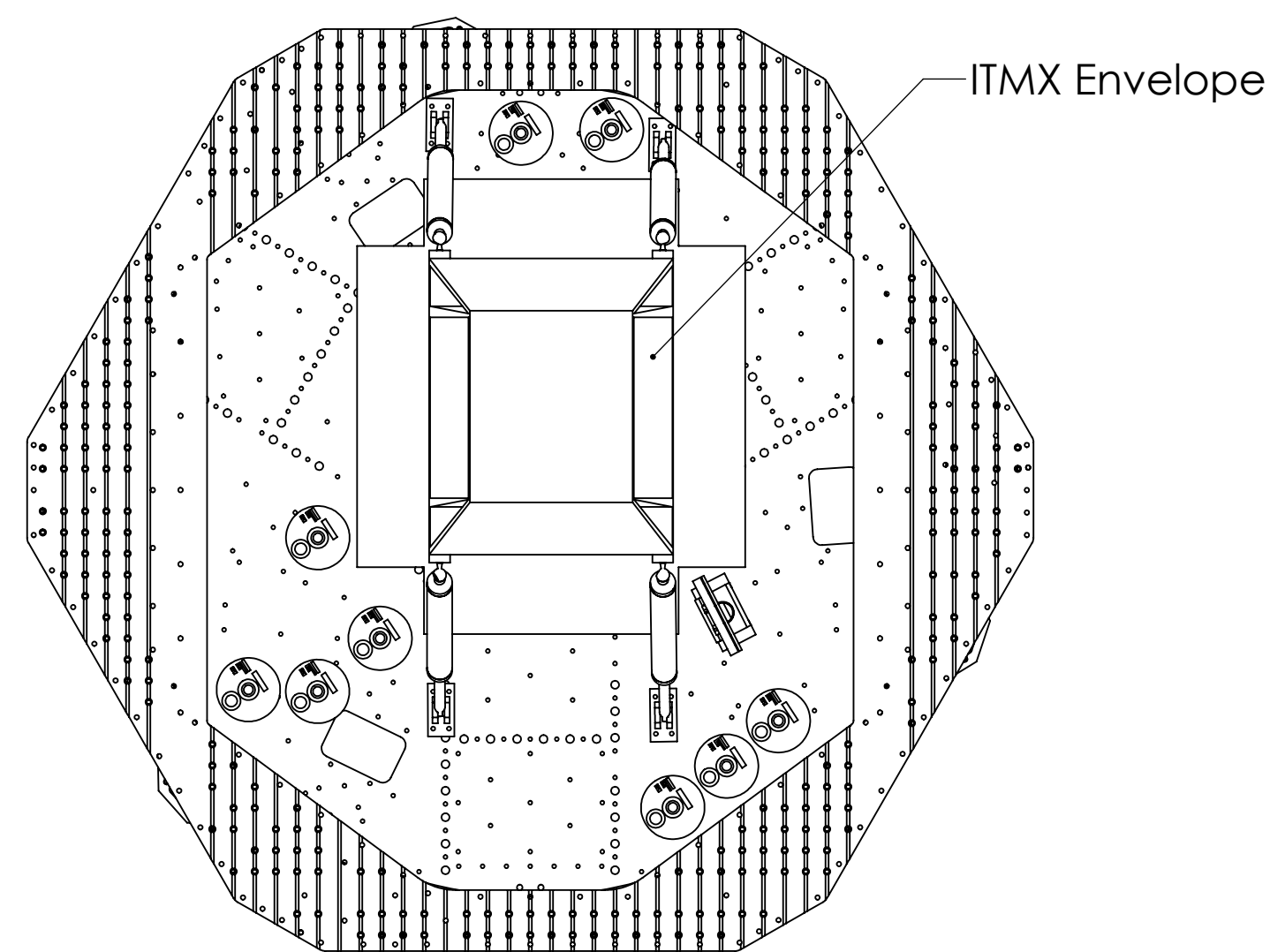
PART NAME		BSC3-L1 Top Level Chamber Assembly, Fully Defined	
DESIGNER	ED CHAVEZ	DATE	01 DEC 2009
DRAFTER		SIZE	D
CHECKER		DWG. NO.	D0900492
APPROVAL		SCALE:	1:2
		PROJECTION:	
			SHEET 3 OF 5

D0900492.BSC3-L1 Top Level Chamber Assembly, Complicated III, PART PDM REV: X-008, DRAWING PDM REV: B

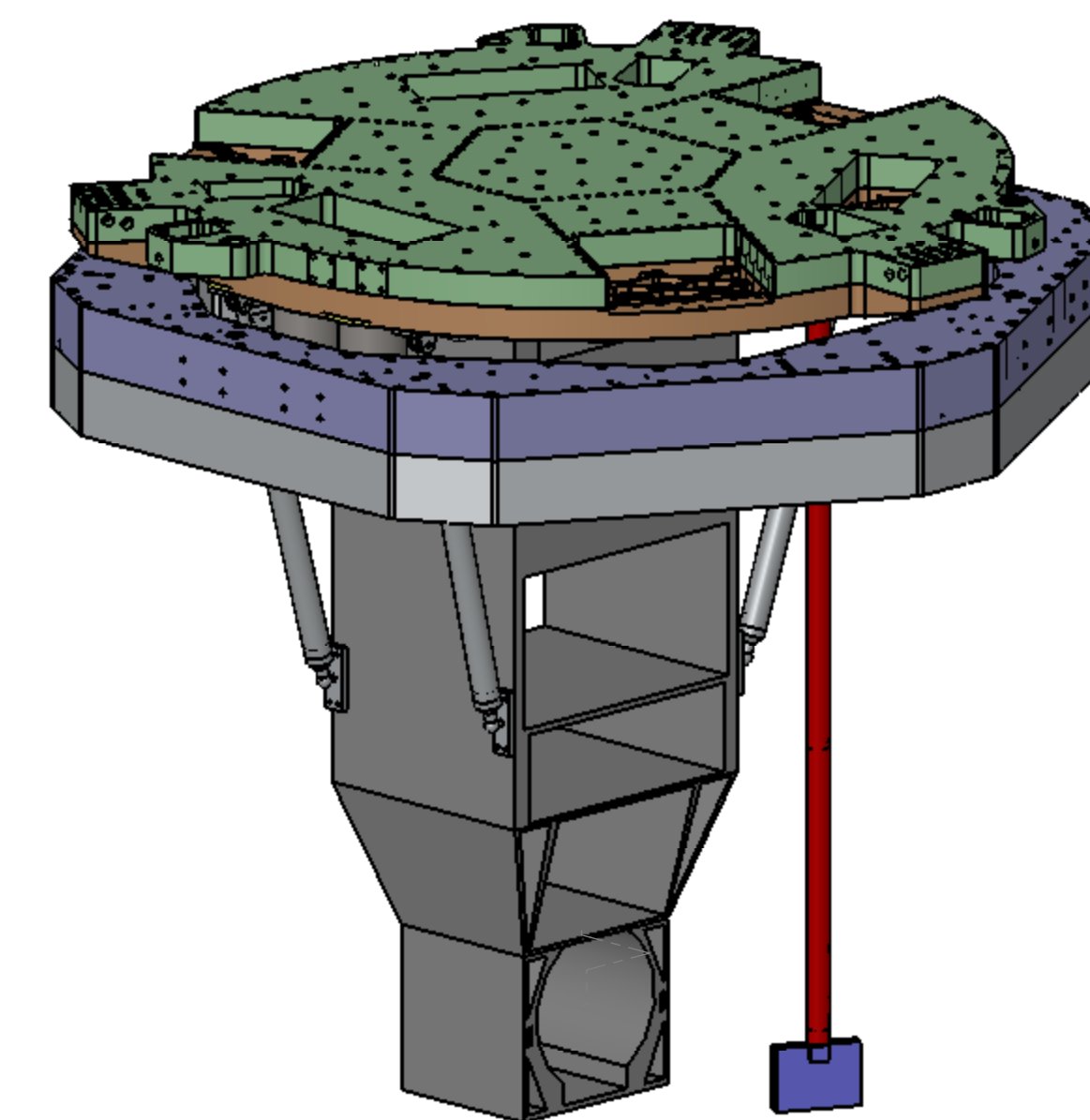
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-



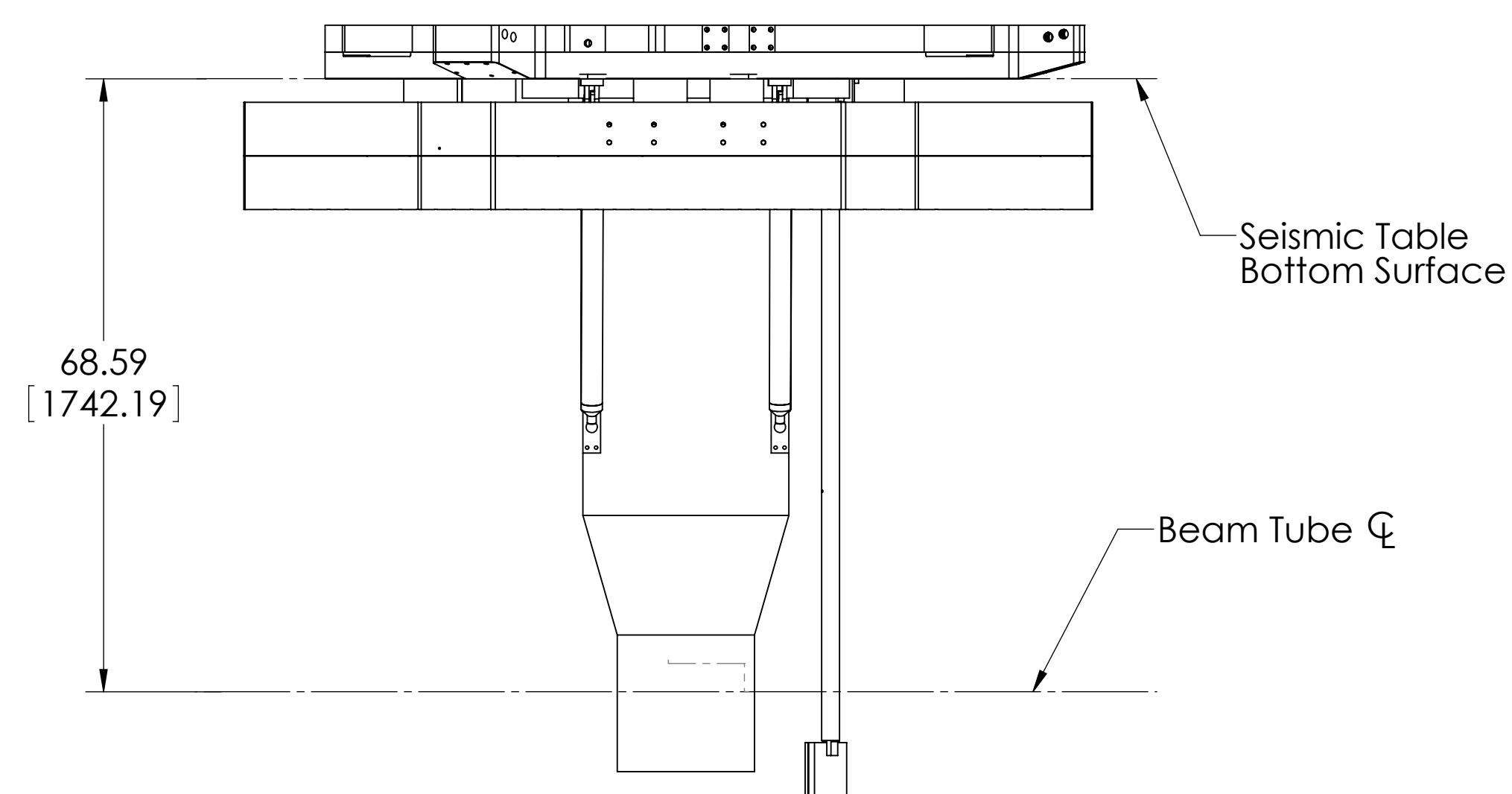
TOP VIEW



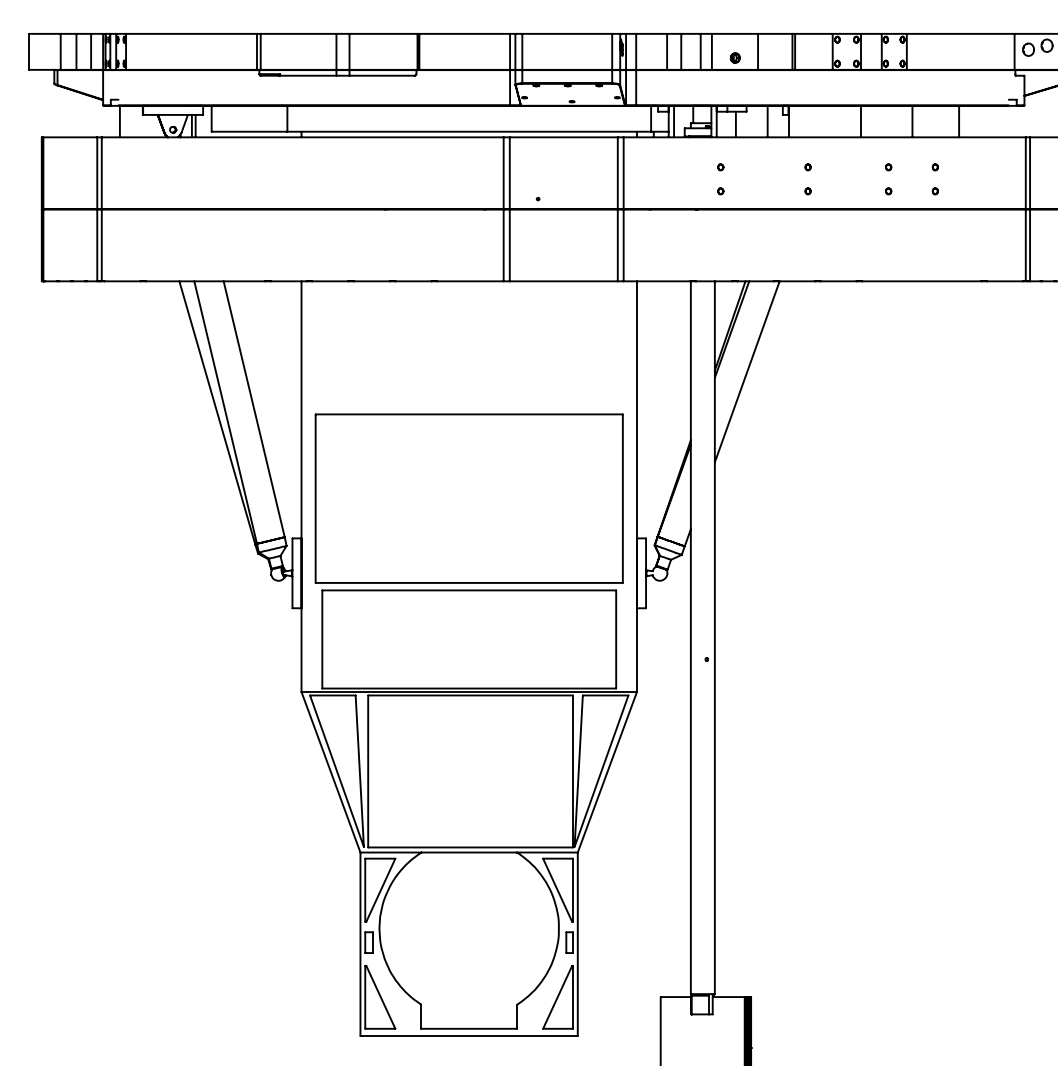
BOTTOM VIEW



NO SUSPENDED MASS & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC3-L1	
CofG COORDINATES (mm)	
X	-21.5
Y	91.5
Z	1402.9
TABLE MASS W/NO SUS-MASS TOTAL	557.52

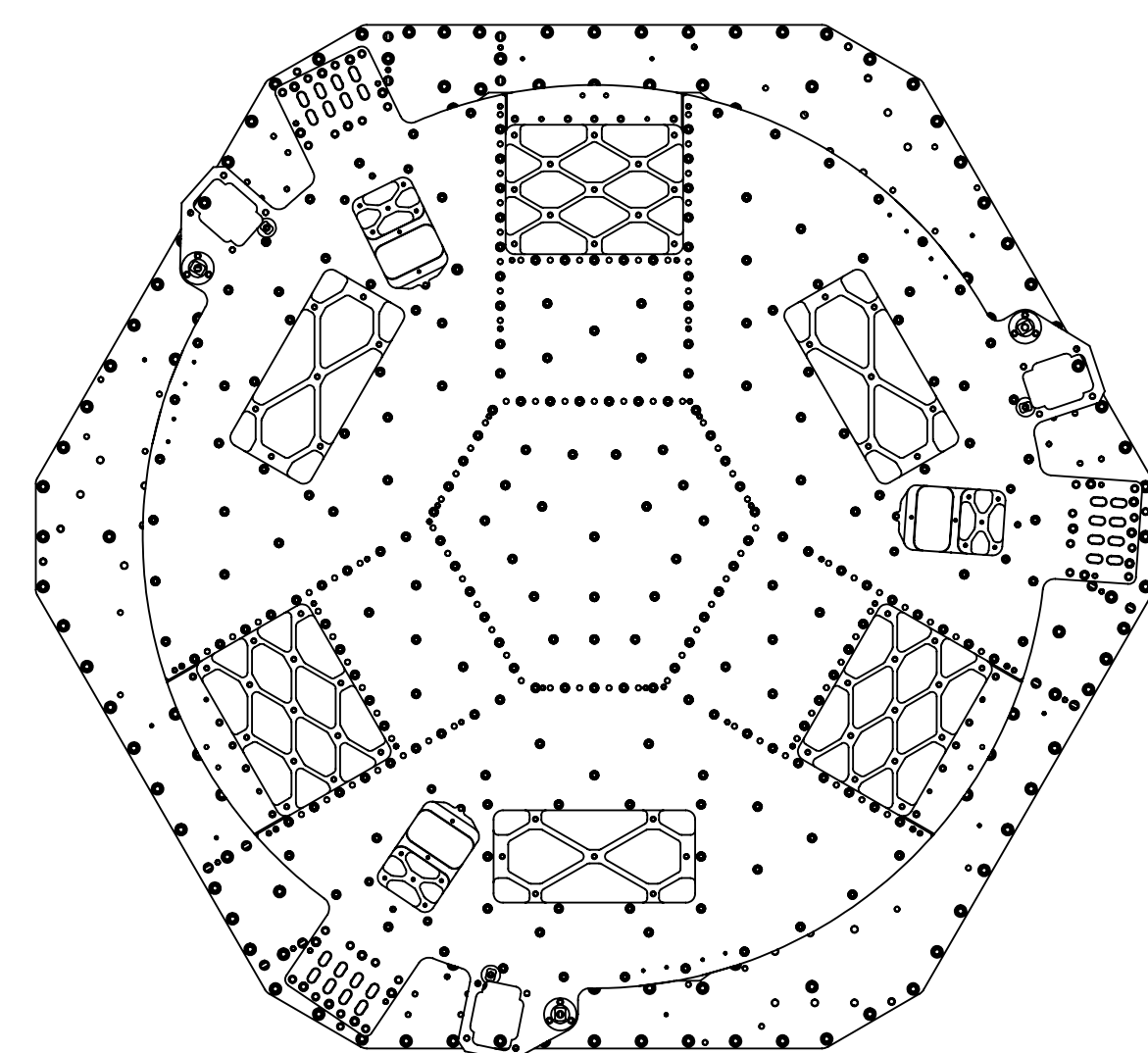
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
ANGULAR ± 0.5°	
MATERIAL	FINISH
--	-- μinch

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

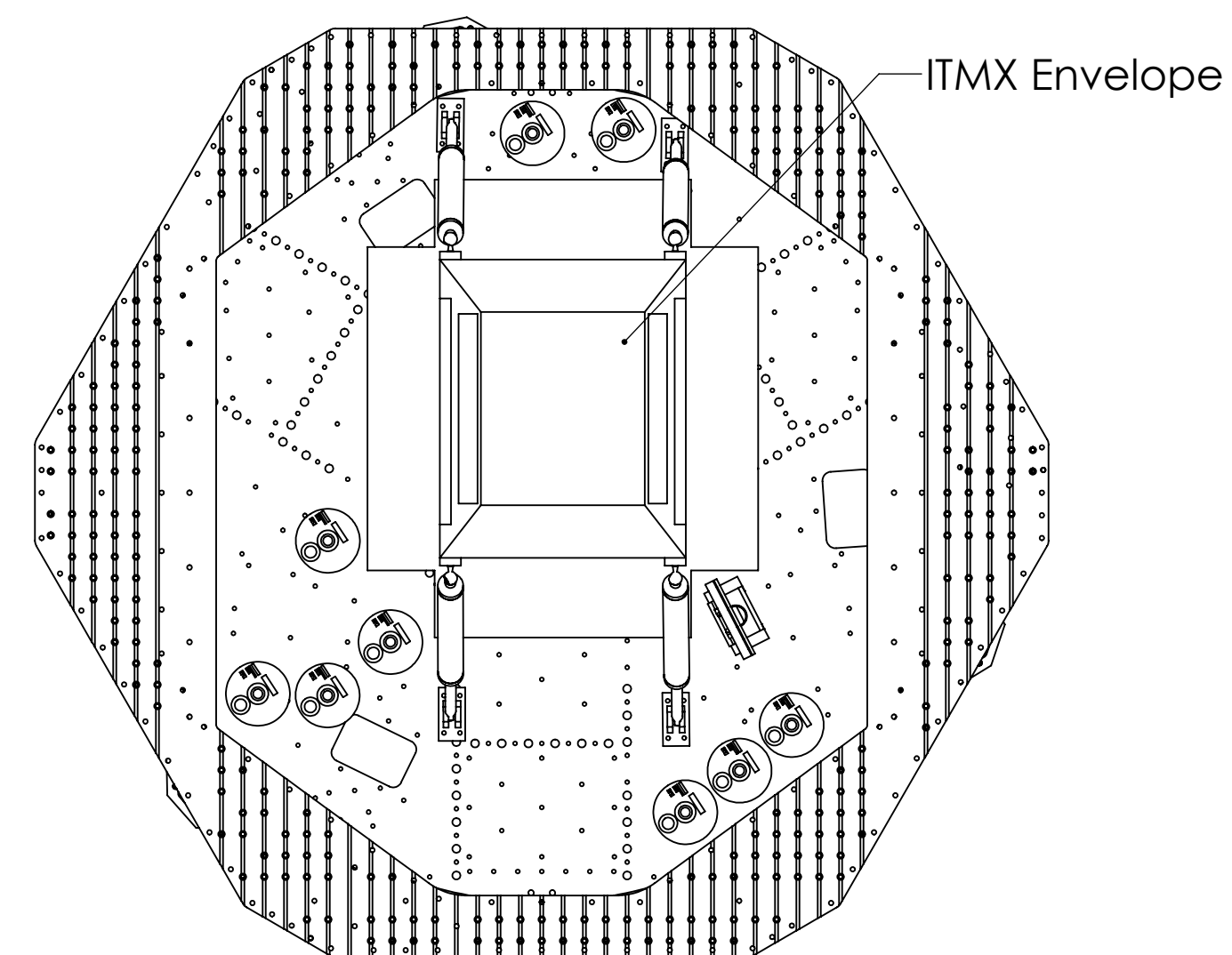
PART NAME			
BSC3-L1 Top Level Chamber Assembly, Simplified			
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	ED CHAVEZ	01 DEC 2009	D
CHECKER	D0900492		v3
APPROVAL	SCALE: 1:24	PROJECTION:	SHEET 4 OF 5

D0900492.BSC3-L1 Top Level Chamber Assembly, Simplified-1.PART PDM REV: X-008_D0900492.PDM REV: X-000

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



TOP VIEW



BOTTOM VIEW

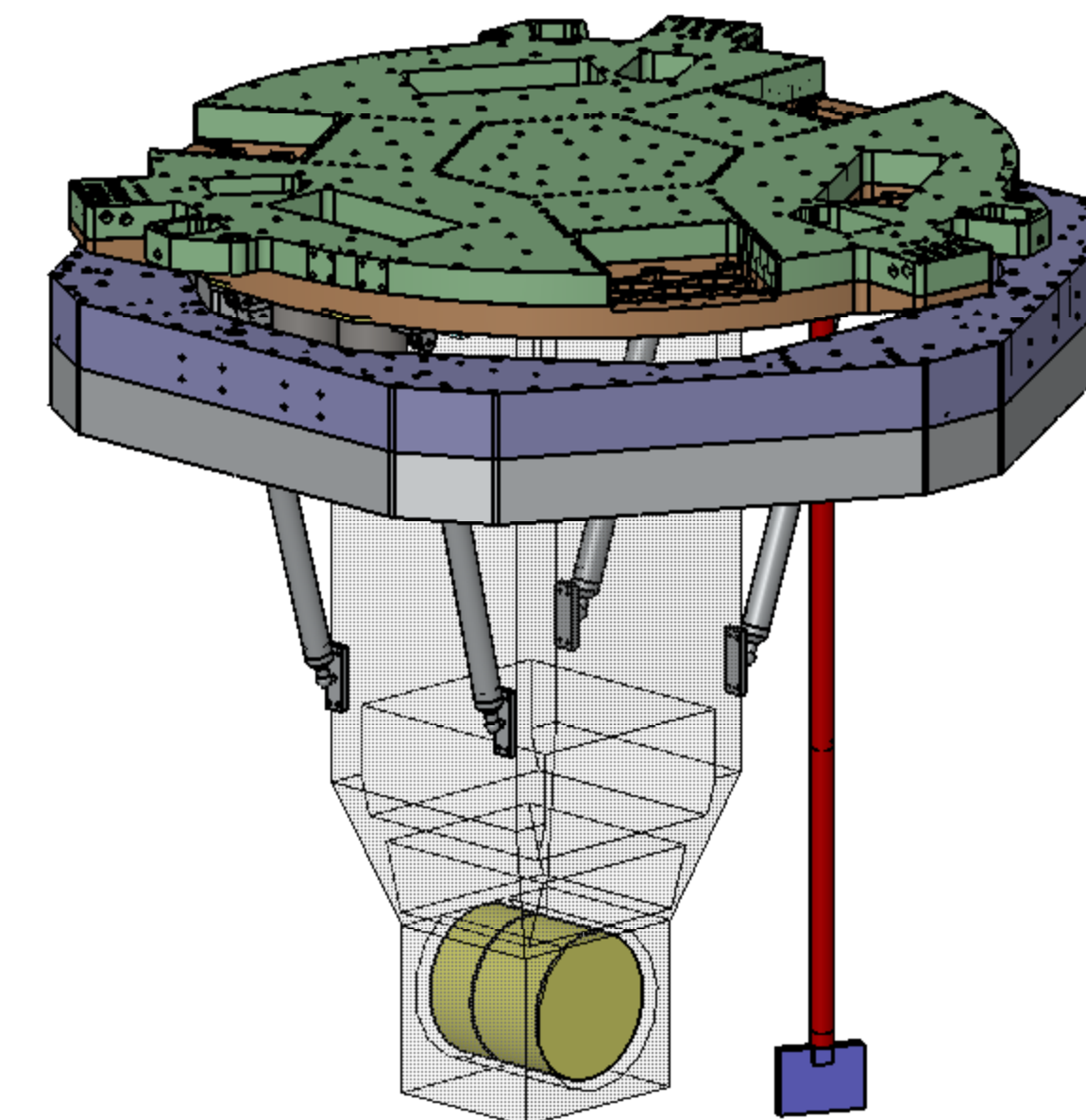
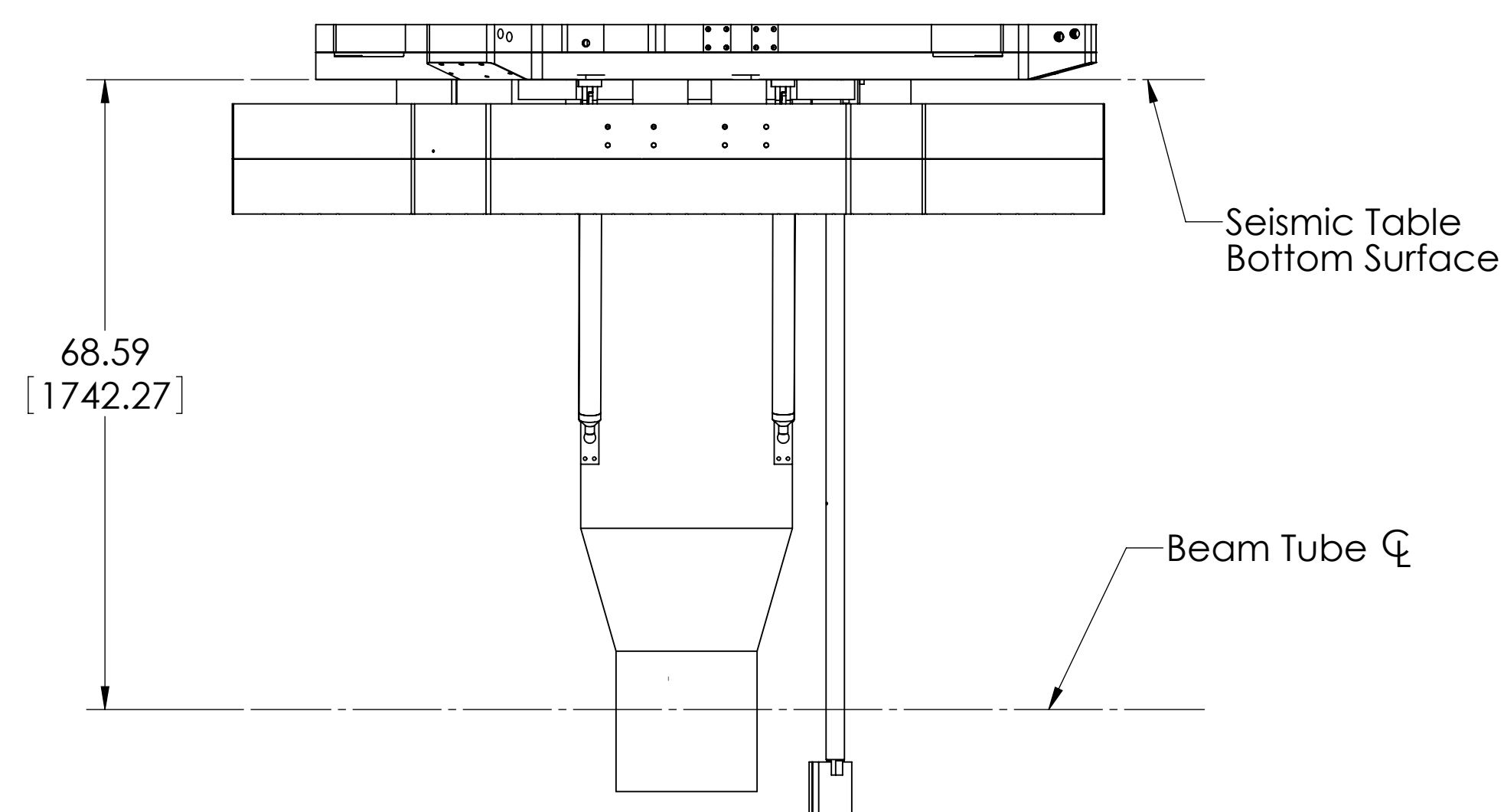
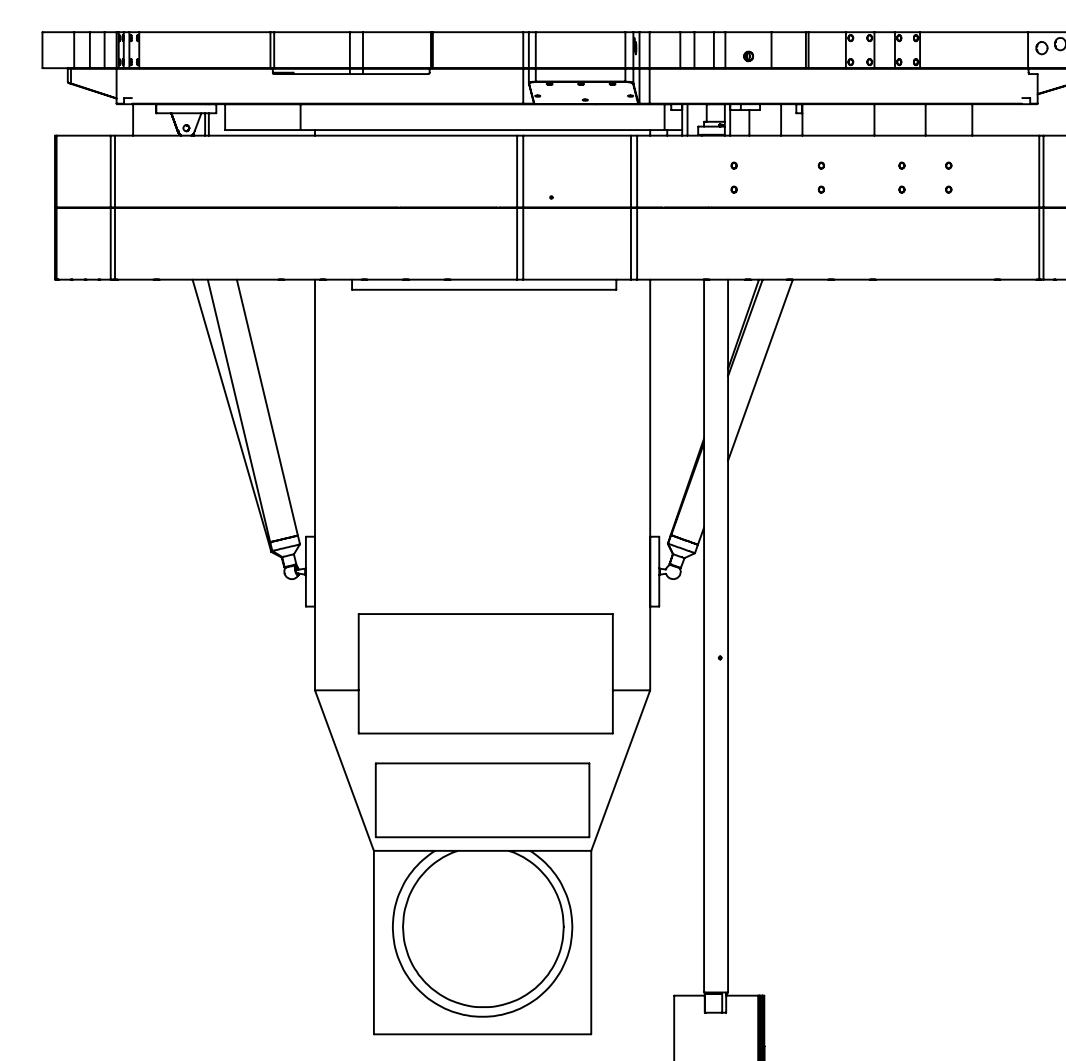


TABLE MASS TOTAL & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC3-L1	
CofG COORDINATES (mm)	
X	0.92
Y	-0.29
Z	1126.46
TABLE MASS TOTAL	811.89

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-L1 Top Level Chamber Assembly, Simplified			
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	ED CHAVEZ	01 DEC 2009	D
CHECKER	D0900492		v3
APPROVAL	SCALE: 1:24	PROJECTION:	SHEET 5 OF 5

D0900492.BSC3-L1 Top Level Chamber Assembly, Simplified.dwg, PART PDM, REV: X.008, D0900492.PDM, REV: X.000