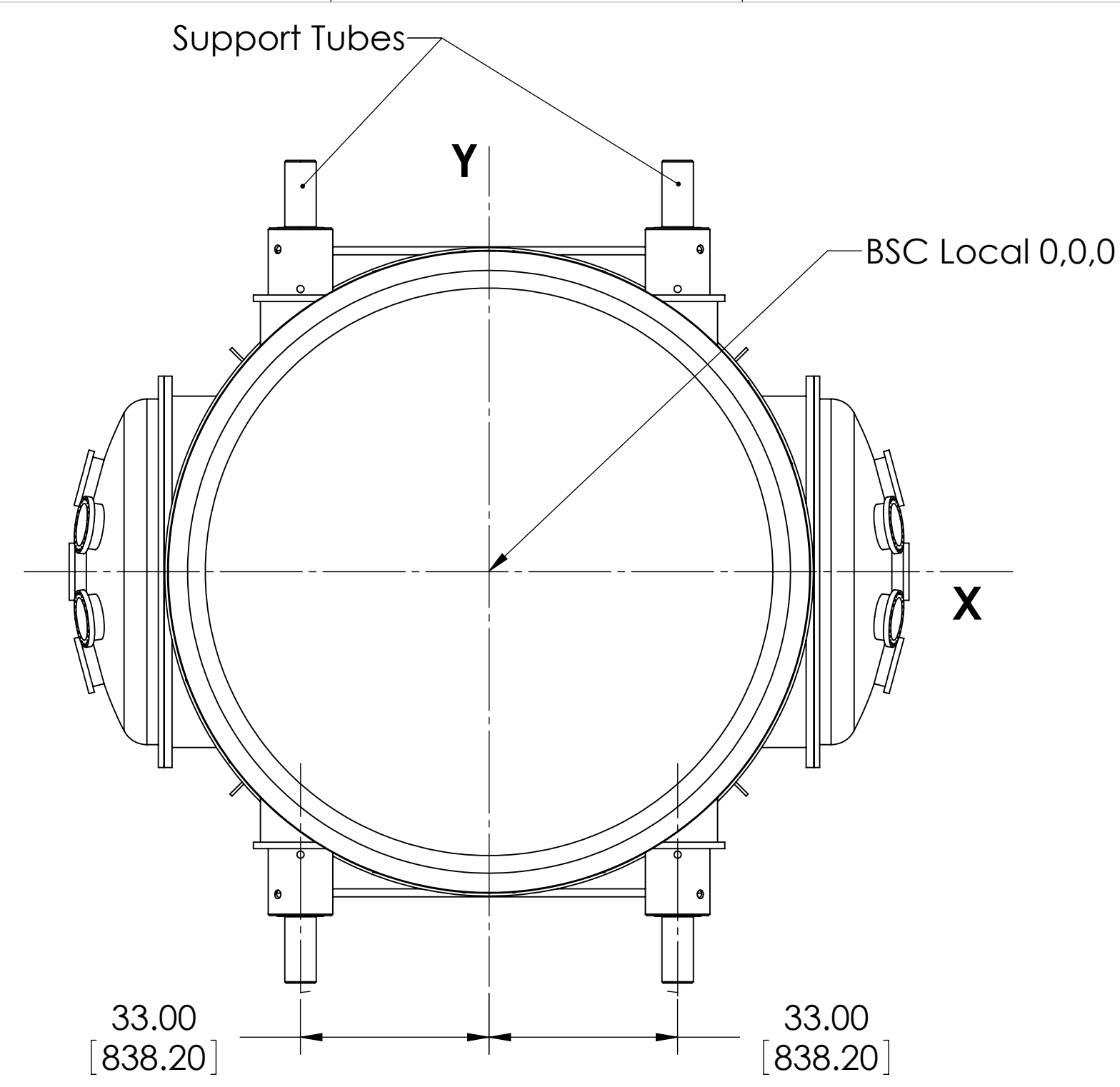
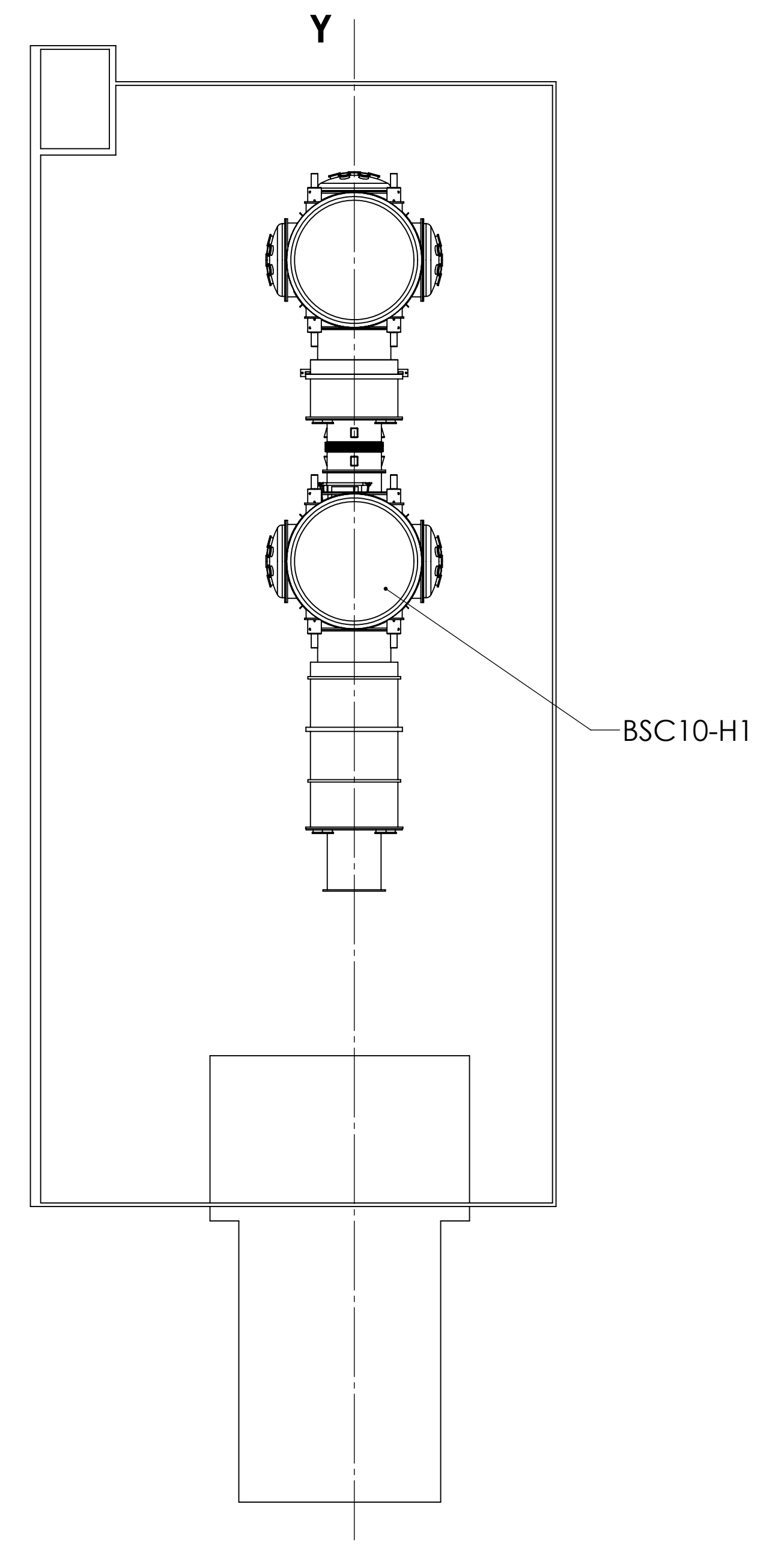
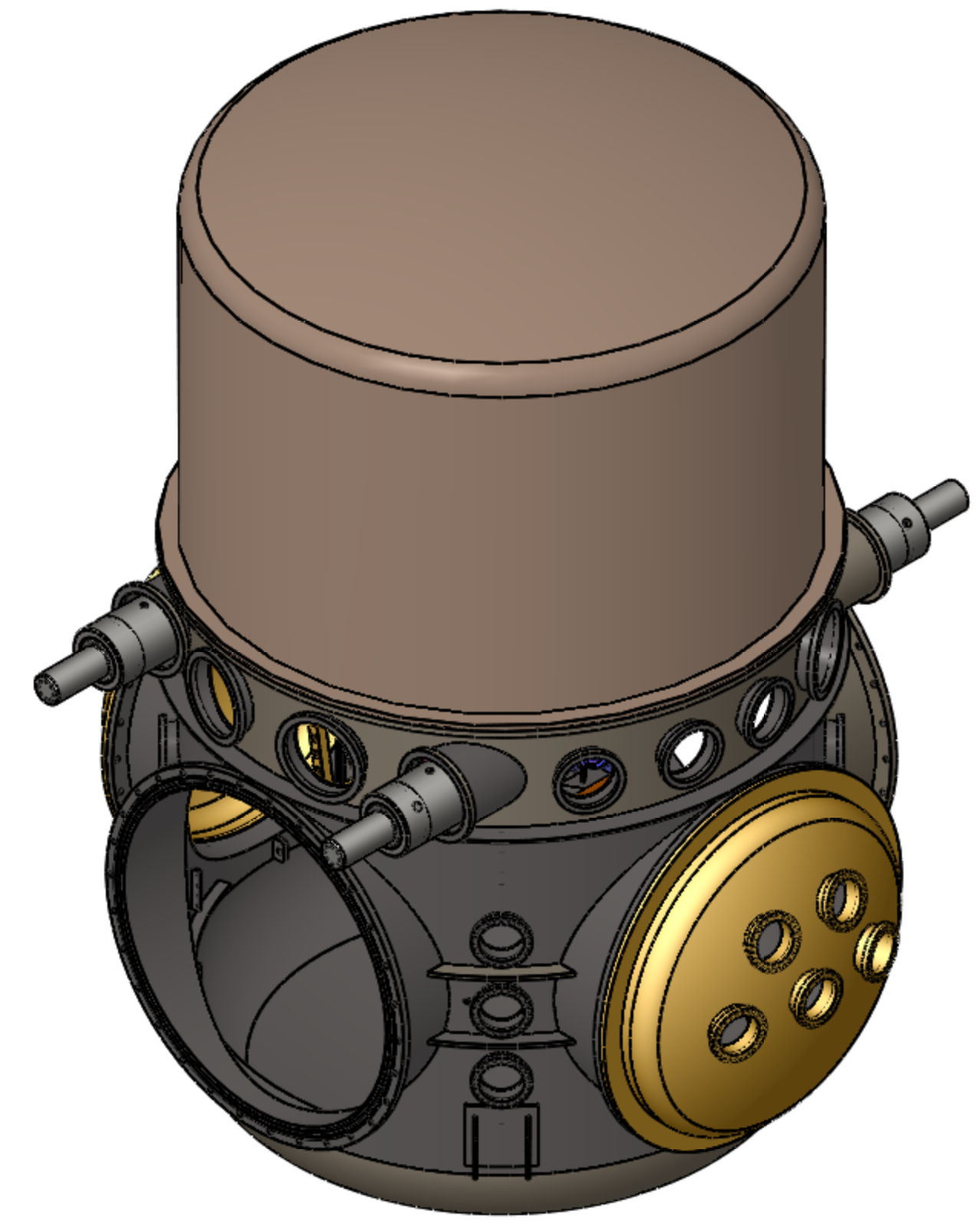


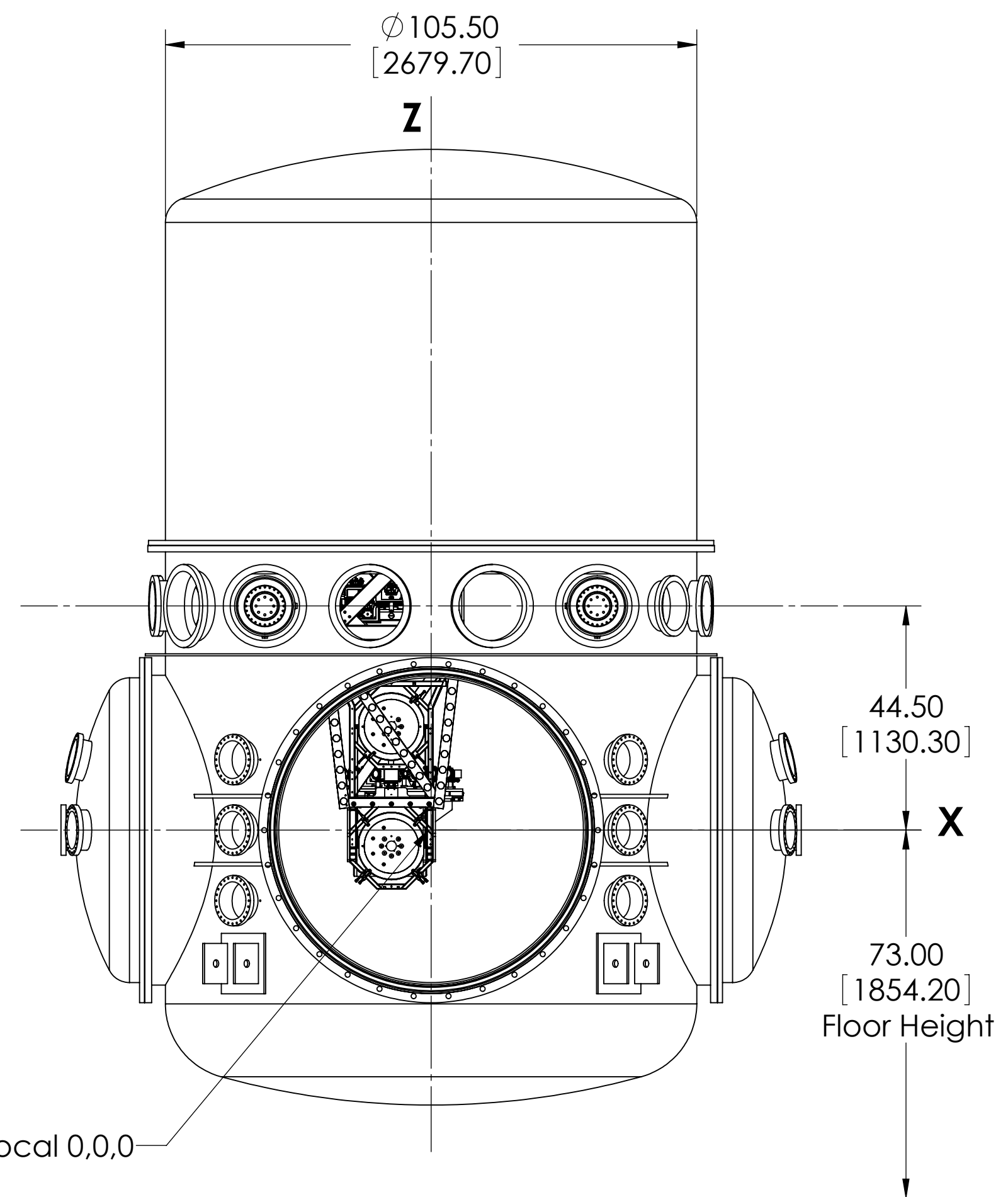
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



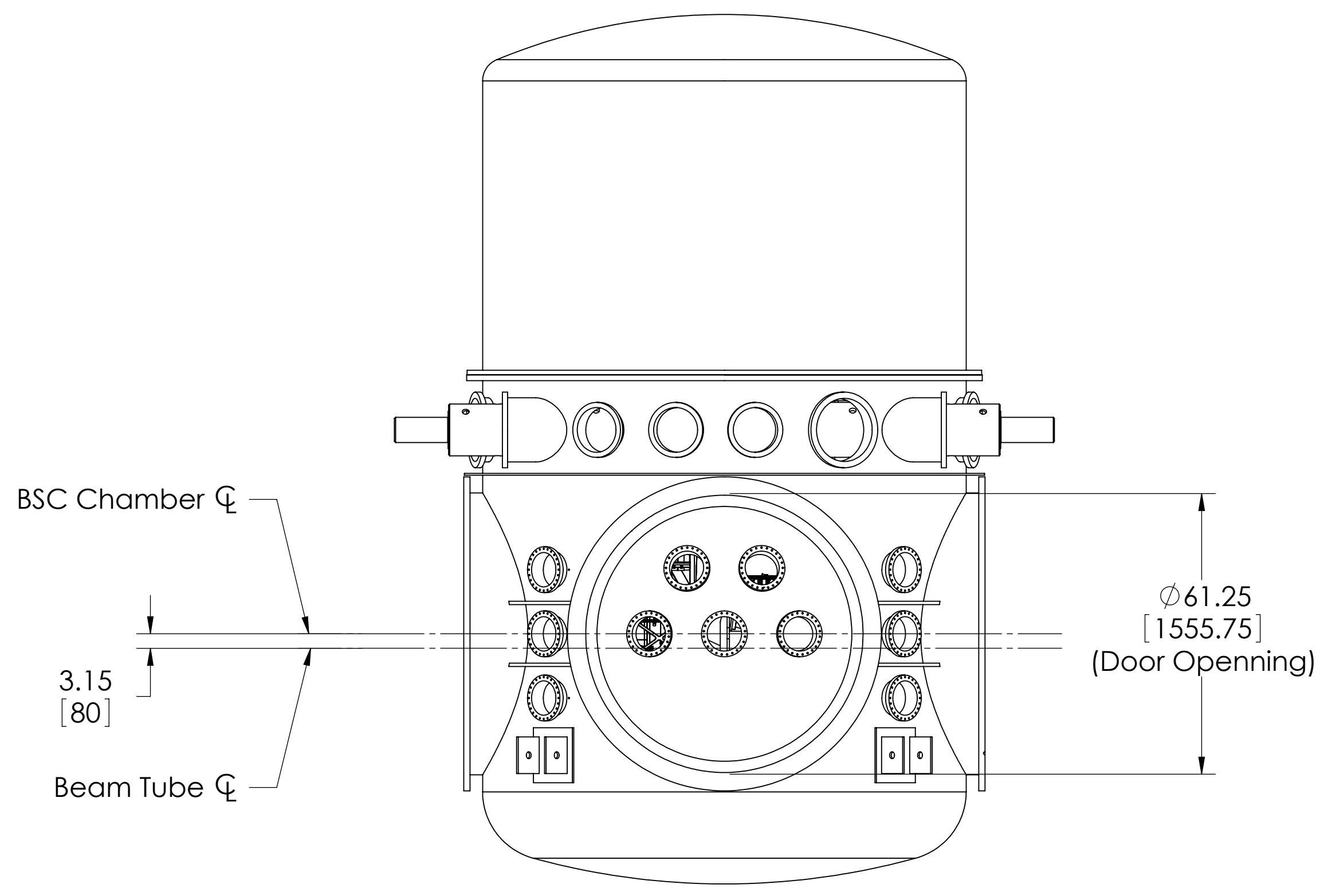
TOP VIEW



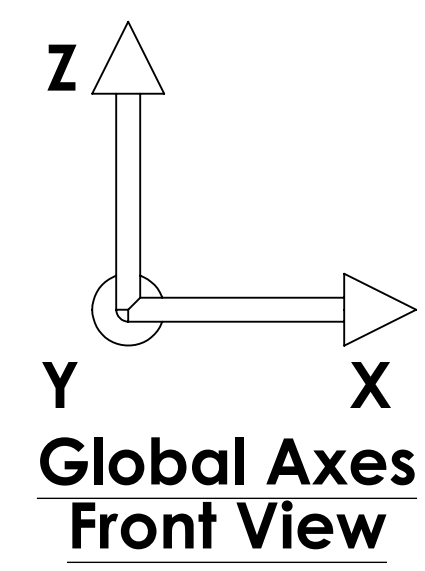
LHO Y-END STATION



FRONT VIEW



RIGHT SIDE VIEW



Global Axes Front View

BSC10-H1	
GLOBAL COORDINATES (mm)	
X	0.0
Y	4000000.0
Z	0.0

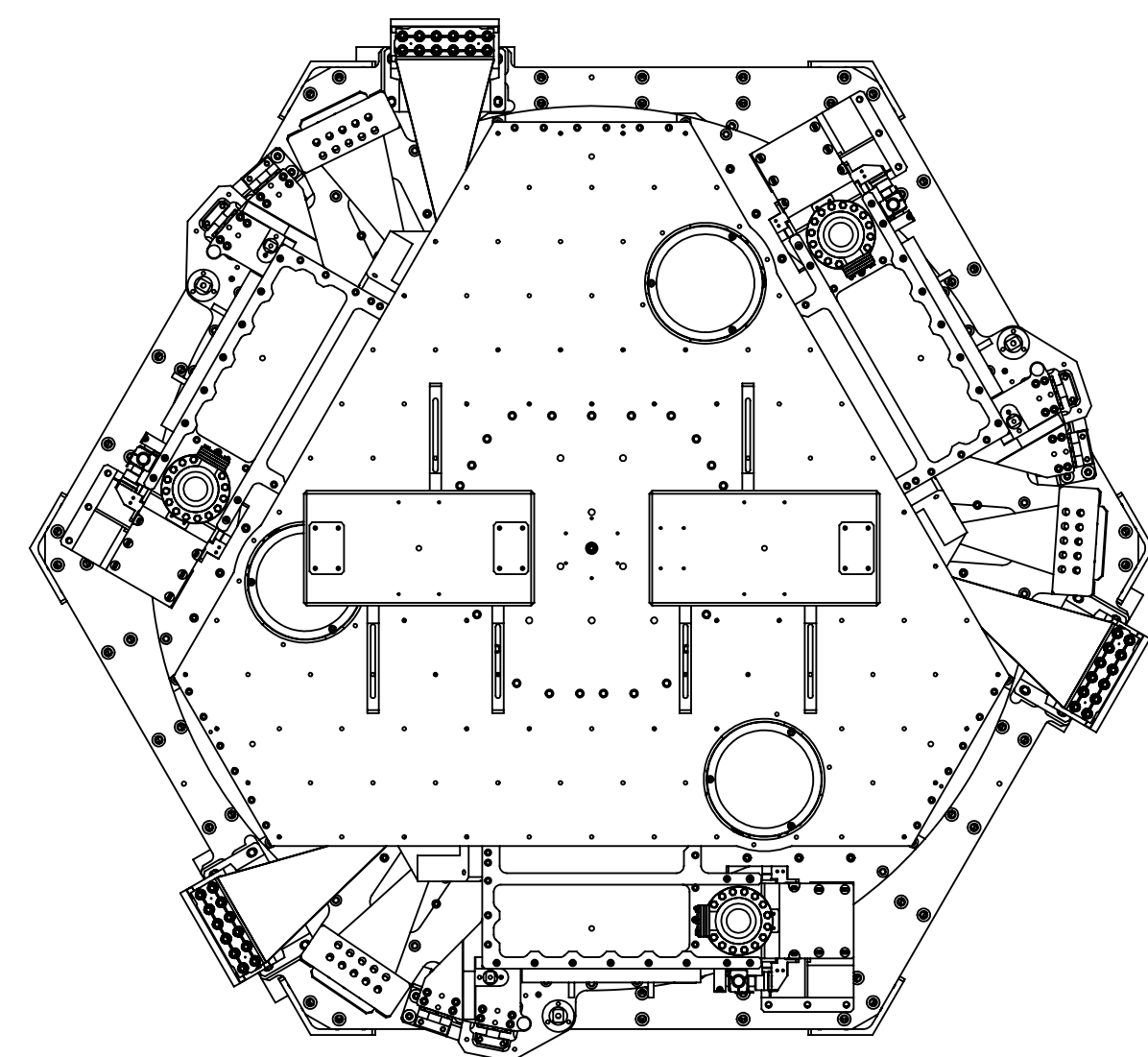
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
ANGULAR ± 0.5°	
MATERIAL	--
FINISH	-- μinch

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

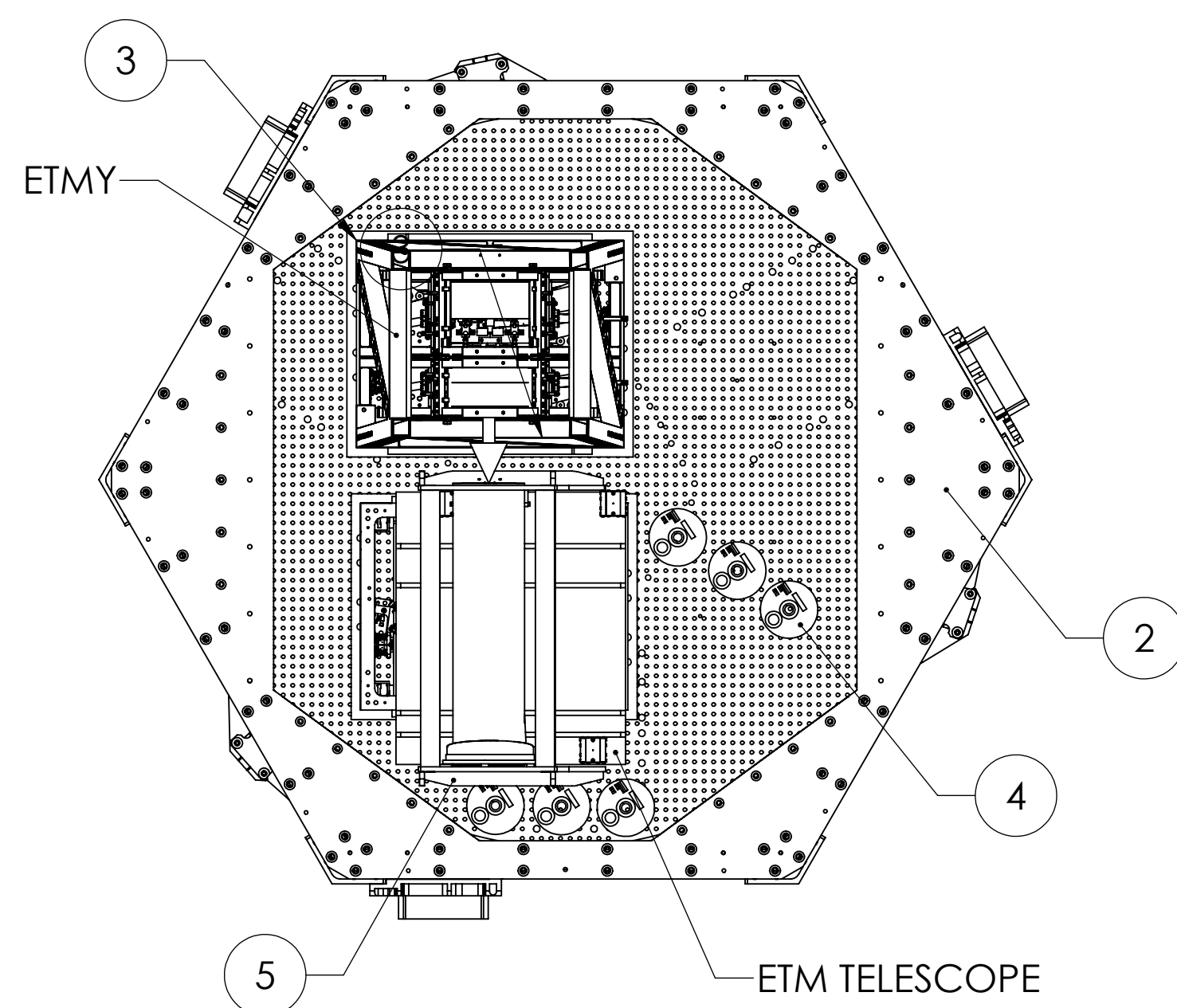
PART NAME		BSC10-H1 Top Level Chamber Assembly, Fully Defined	
DESIGNER	ED CHAVEZ	DATE	26 OCT 2009
DRAFTER		SIZE	D
CHECKER		DWG. NO.	D0901154
APPROVAL		SCALE	1:32
		PROJECTION	
		SHEET	1 OF 5

D0901154-BSC10-H1 Top Level Chamber Assembly - Complicated; PART PDM REV: X.014, DRAWING PDM REV: X.000

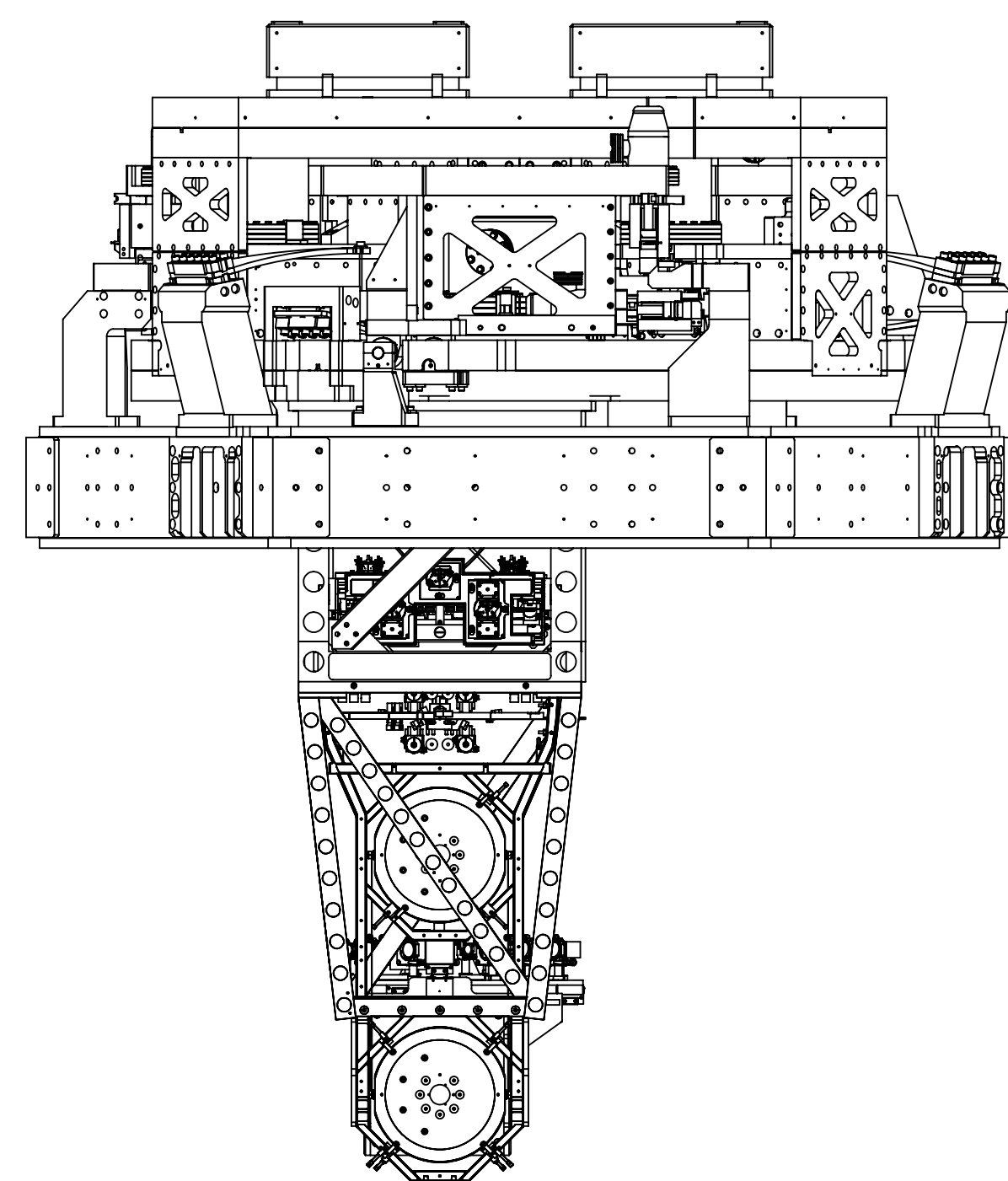
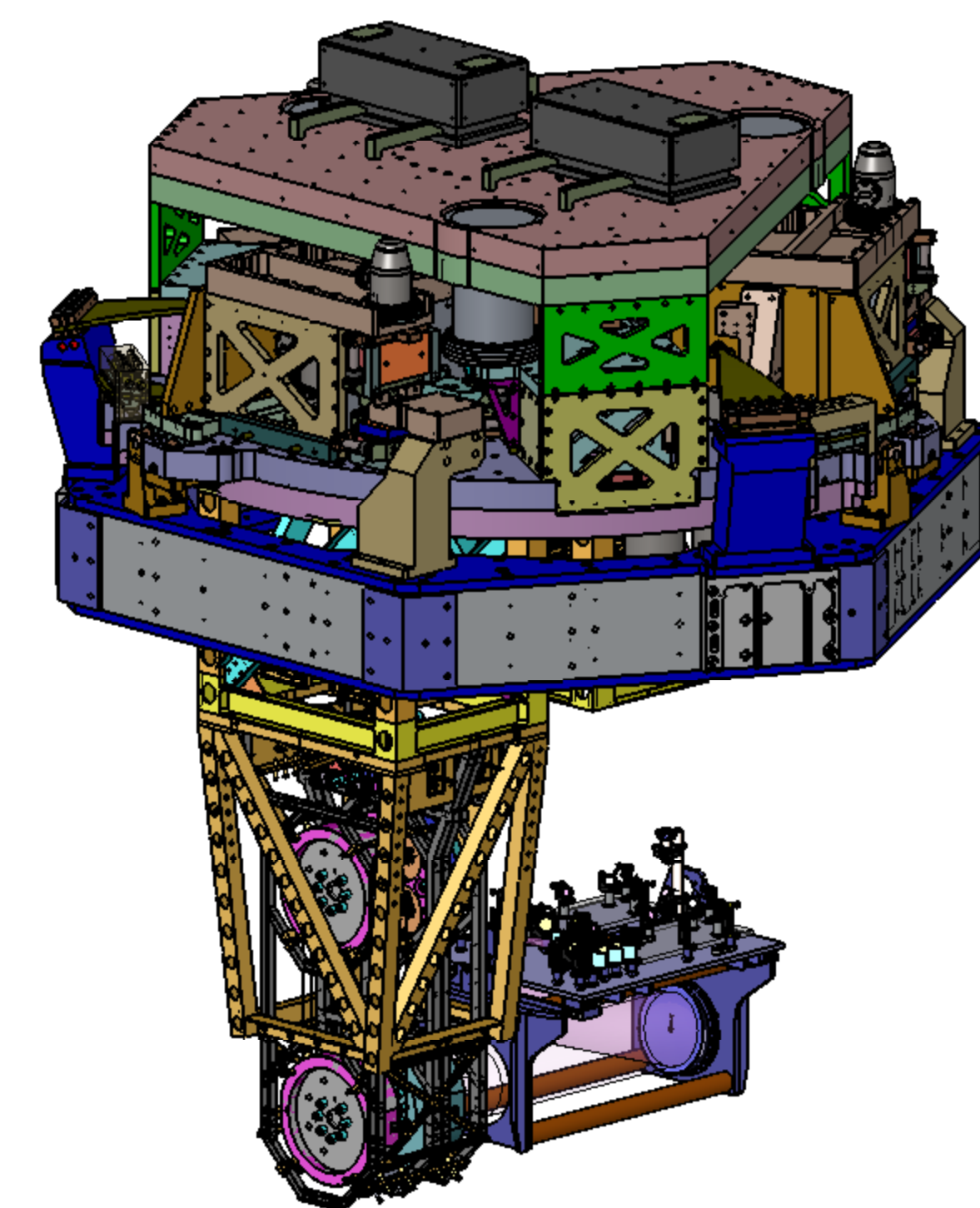
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



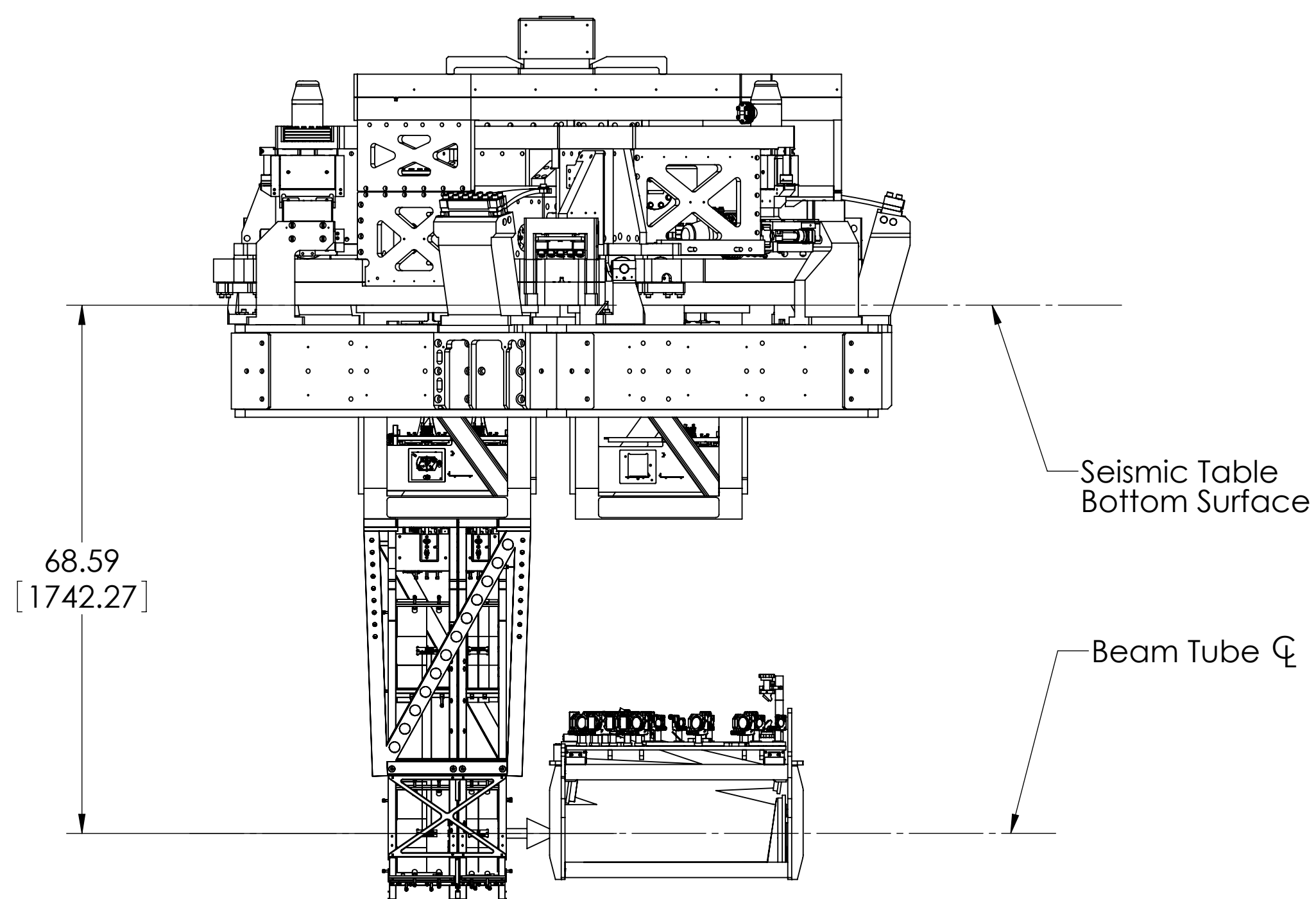
TOP VIEW



BOTTOM VIEW



FRONT VIEW



RIGHT SIDE VIEW

Seismic Table Bottom Surface

Beam Tube ϕ

68.59
[1742.27]

BSC10-H1 GLOBAL COORDINATES (mm)	
X	0.0
Y	4000000.0
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
--	-- μ inch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **SUS**

NEXT ASSY

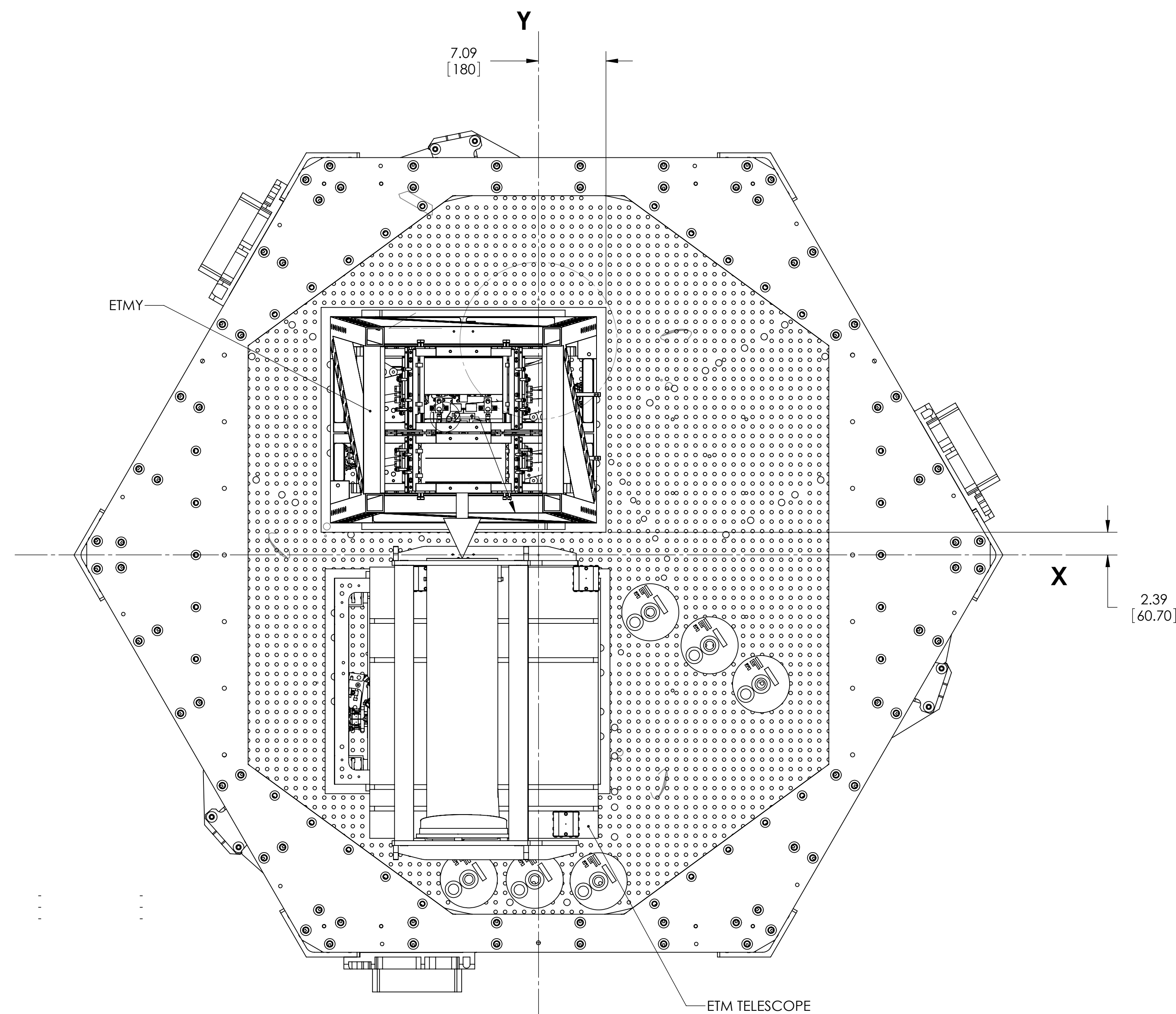
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	FULL/QTY.
5	D0900463	AdvLIGO SUS BSC5-L1, XYZ Local CS for ETM Tel Assy	--	1
4	D0900344	AdvLIGO Systems SEI Table Counterweight Assy	--	1
3	D0901157	AdvLIGO SUS BSC10-H1, XYZ Local CS for ETMY	--	1
2	D0901156	AdvLIGO SEI BSC10-H1, XYZ Local CS for ISI Table	--	1
NOT SHOWN	D0901155	AdvLIGO VE BSC10-H1, Vacuum Equipment Assembly	--	1

PART NAME: **BSC10-H1 Top Level Chamber Assembly, Fully Defined**

DESIGNER	ED CHAVEZ	DATE	26 OCT 2009	SIZE	DWG. NO.	REV.
CHECKER				D	D0901154	v3
APPROVAL				SCALE: 1:32	PROJECTION:	SHEET 2 OF 5

D0901154-BSC10-H1 Top Level Chamber Assembly, Complicated II, PART PDM REV: X.01.4, 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	

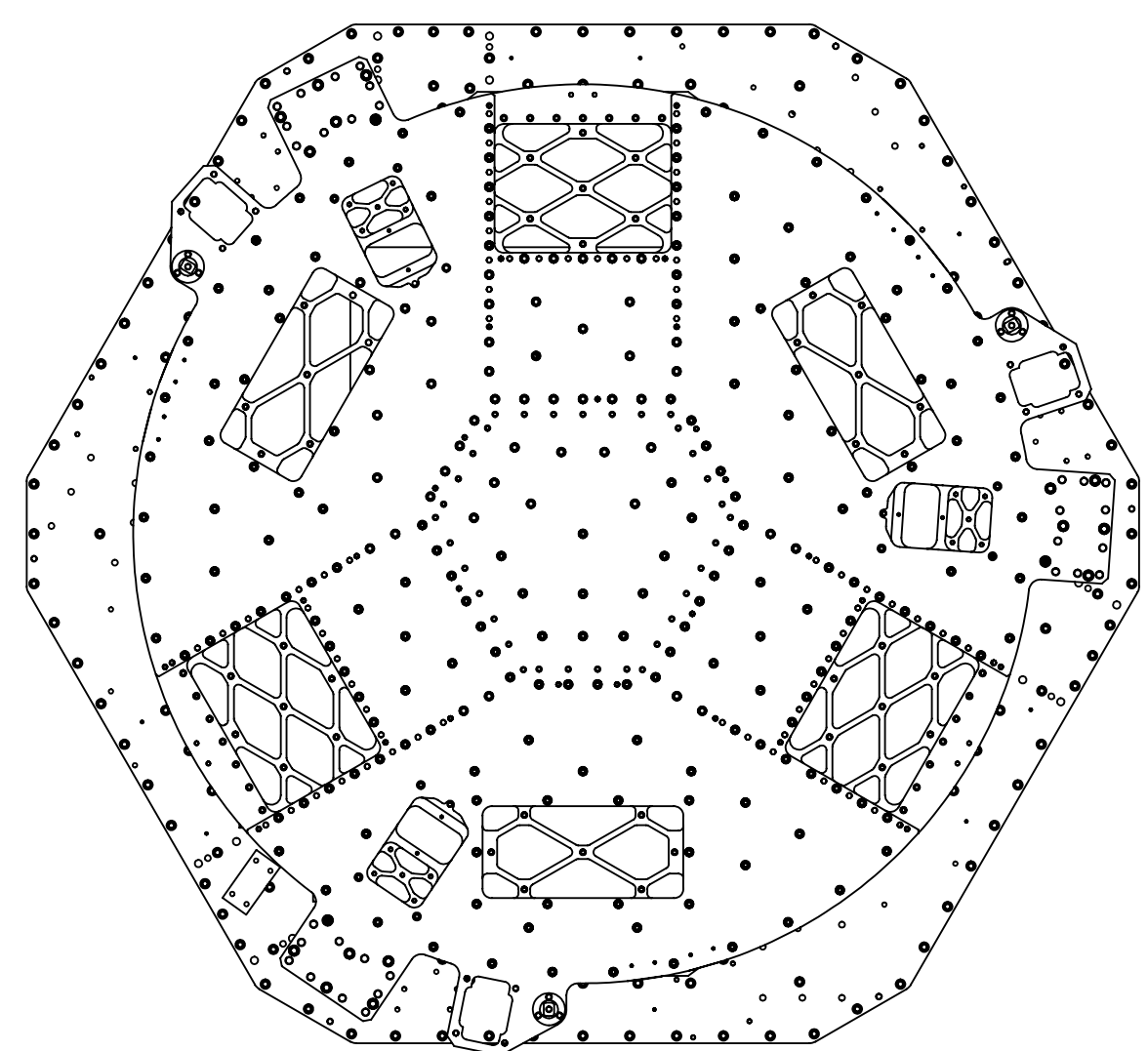
PART NAME			
BSC10-H1 Top Level Chamber Assembly, Fully Defined			
DESIGNER	DATE	SIZE	DWG. NO.
DRAFTER	ED CHAVEZ	26 OCT. 2009	D
CHECKER			
APPROVAL			
SCALE: 1:2		PROJECTION:	SHEET 3 OF 5

D0901154

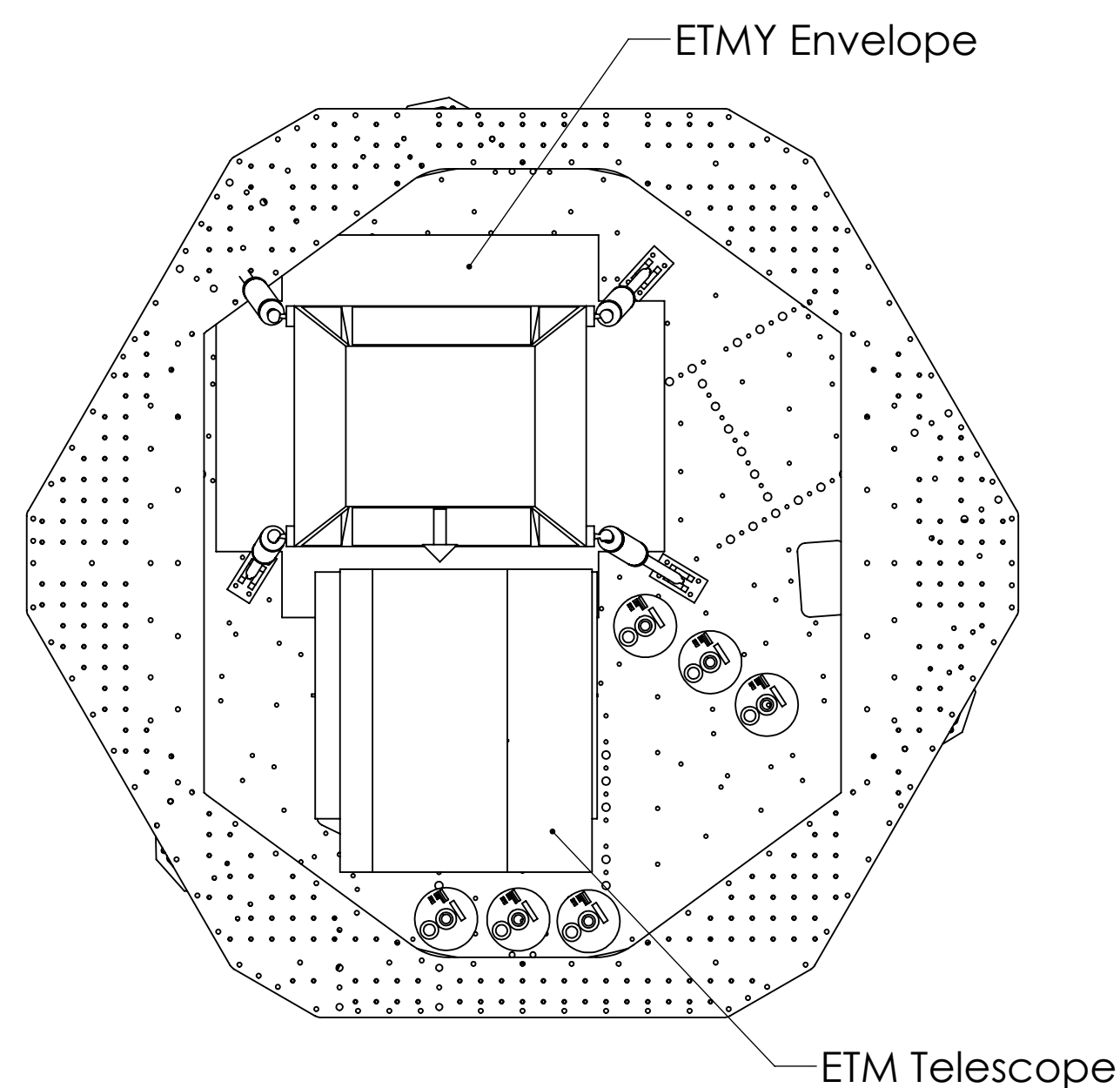
v3

D0901154-BSC10-H1 Top Level Chamber Assembly, Complicated III, PART PDM REV: X-014, DRAWING PDM REV:

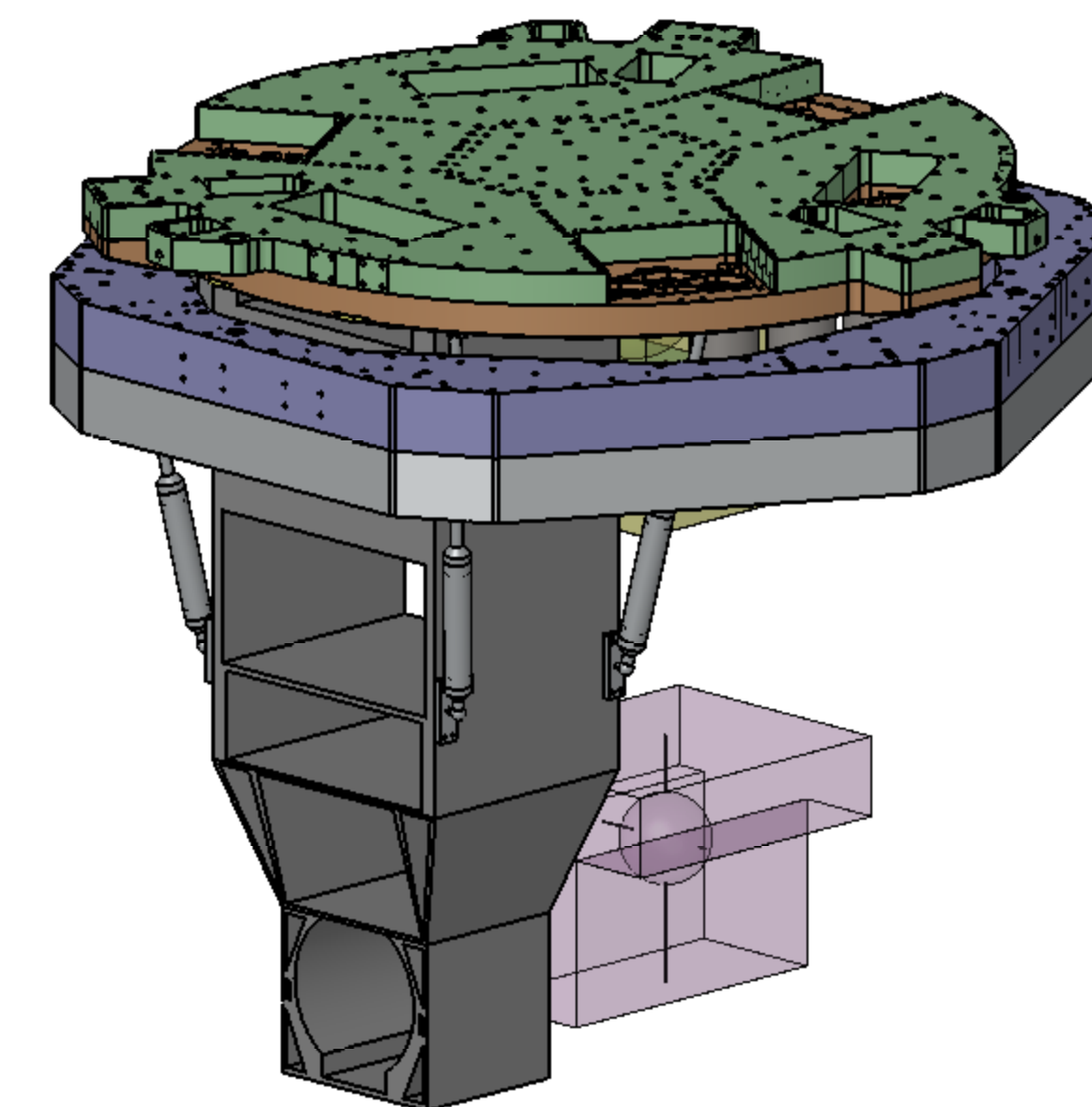
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



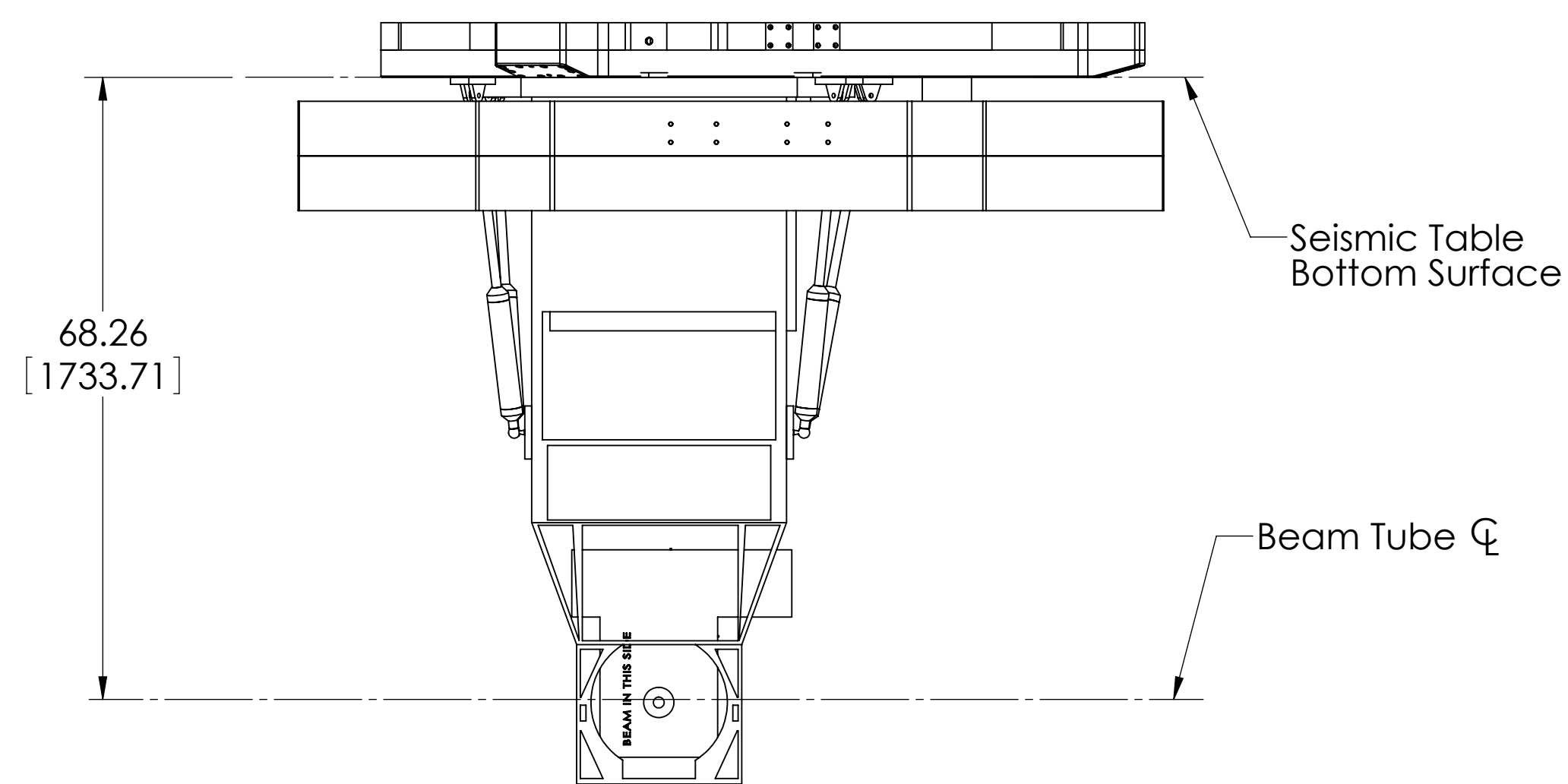
TOP VIEW



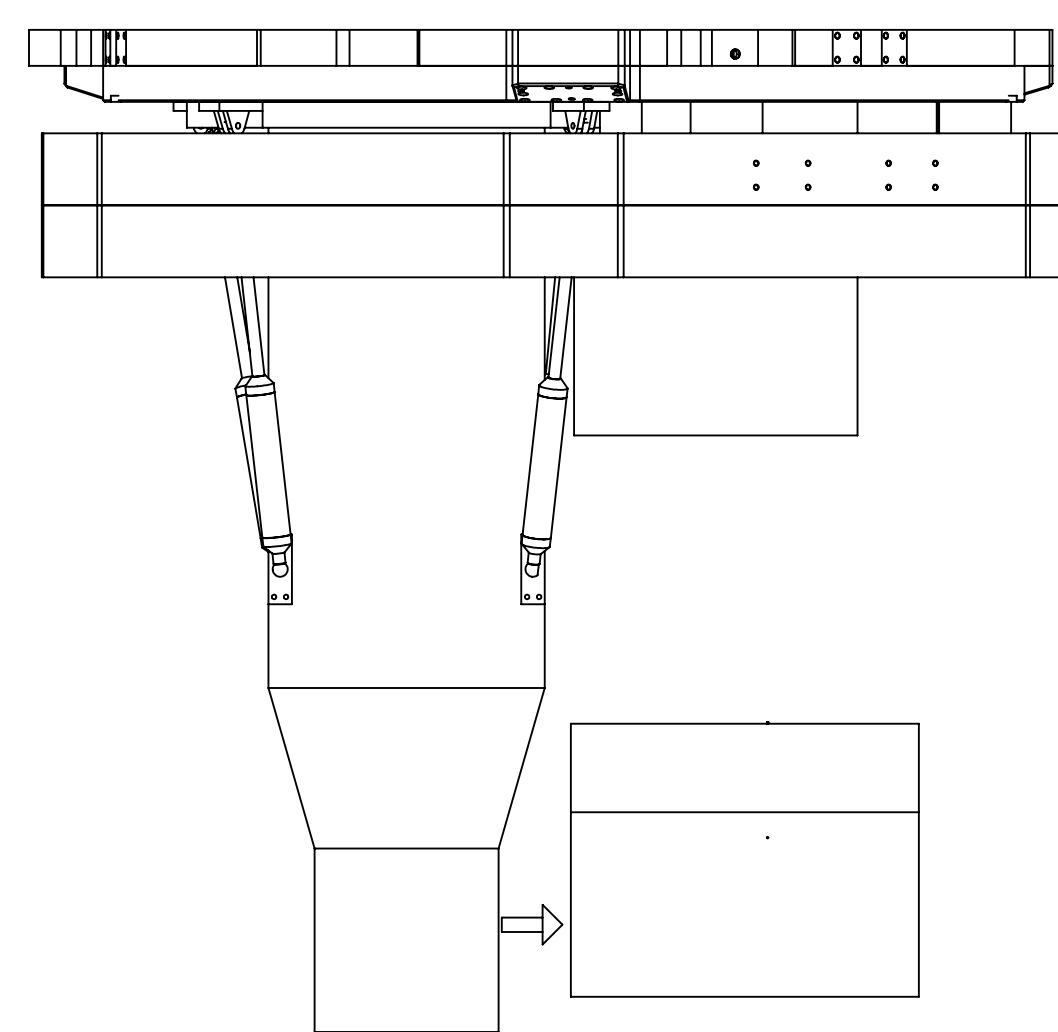
BOTTOM VIEW



**NO SUSPENDED MASS &
NO CHAMBER SHOWN**



FRONT VIEW



RIGHT SIDE VIEW

BSC10-H1	
CofG COORDINATES (mm)	
X	124.4
Y	137.7
Z	1283.7
TABLE MASS W/NO SUS-MASS TOTAL	556.74

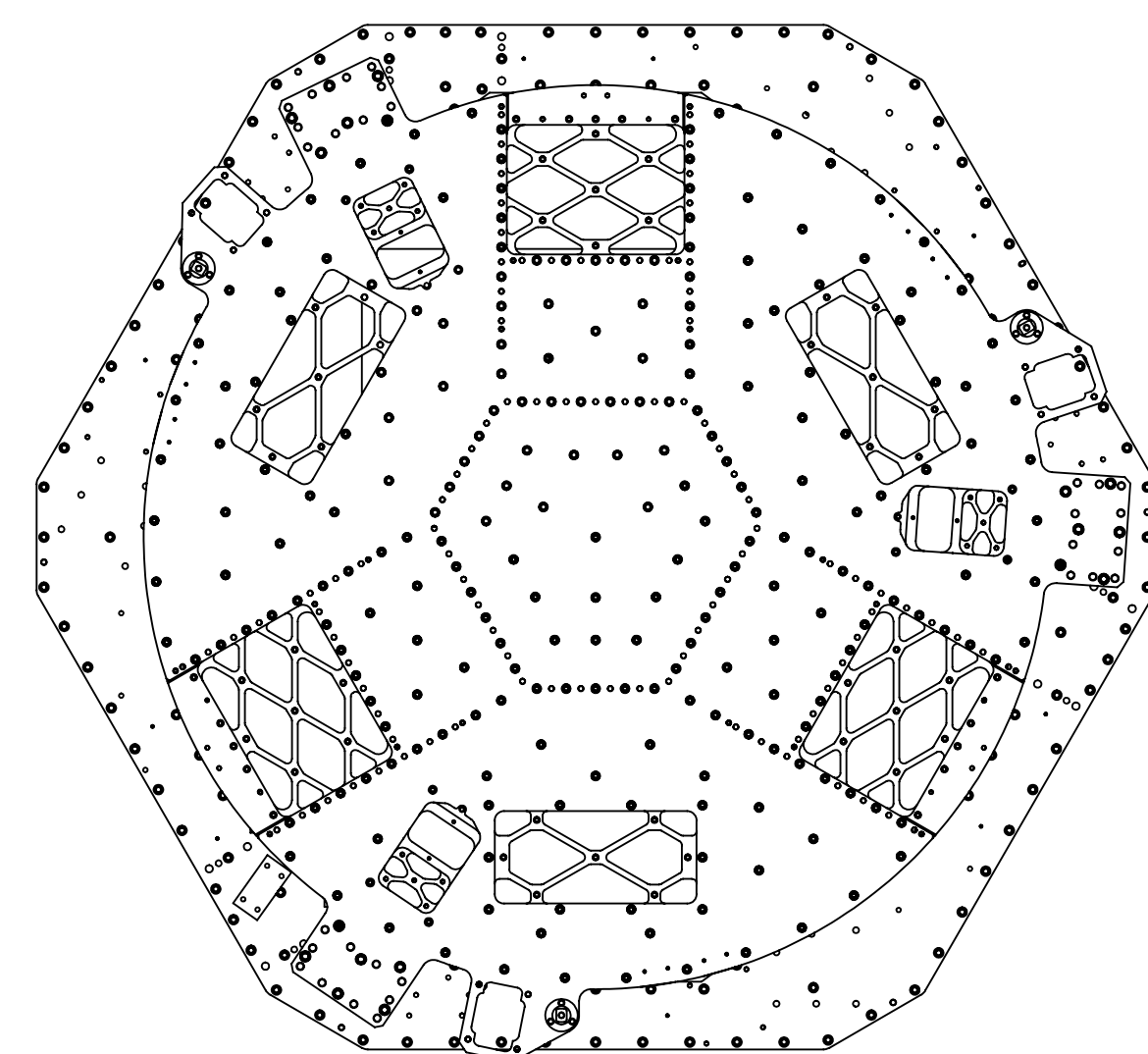
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
ANGULAR ± 0.5°	
MATERIAL	FINISH
--	-- μinch

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

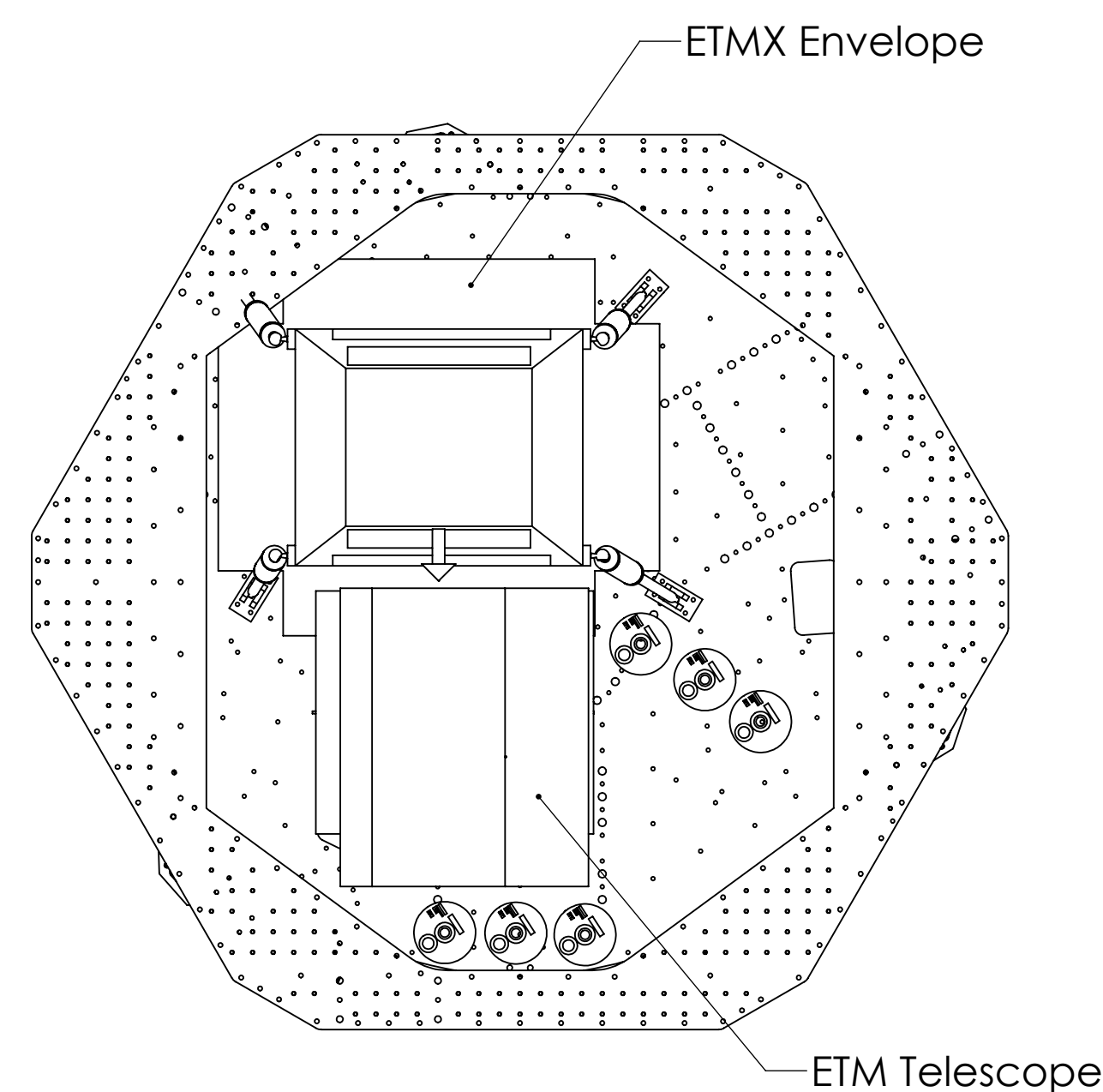
PART NAME			
BSC10-H1 Top Level Chamber Assembly, Simplified			
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	ED CHAVEZ	26 OCT 2009	D
CHECKER			D0901154
APPROVAL			v3
SCALE: 1:24		PROJECTION:	SHEET 4 OF 5

D0901154-BSC10-H1 Top Level Chamber Assembly, Simplified.dwg PART PDM REV: X-01.4 DRAWING PDM REV: X-000

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



TOP VIEW



BOTTOM VIEW

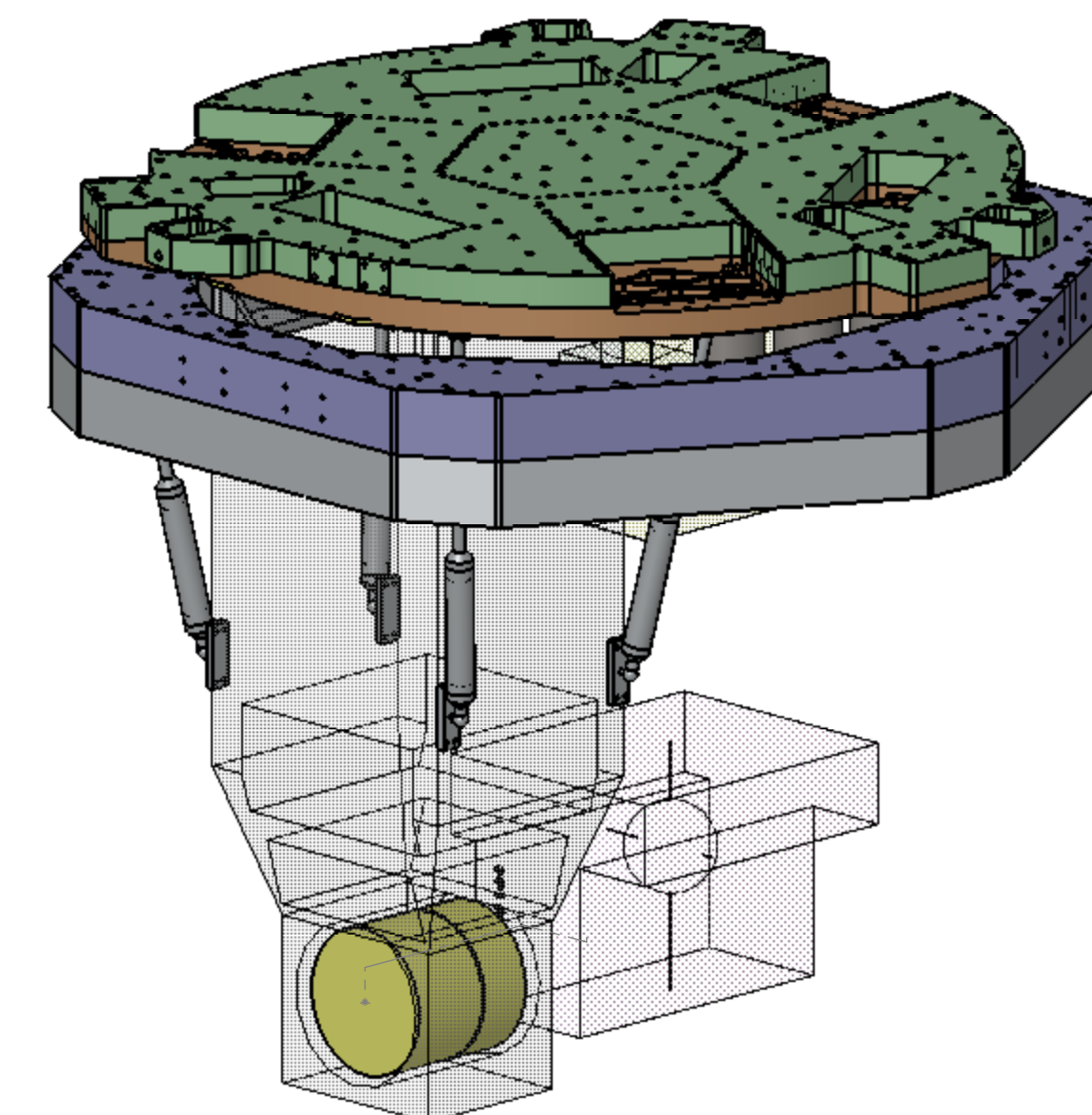
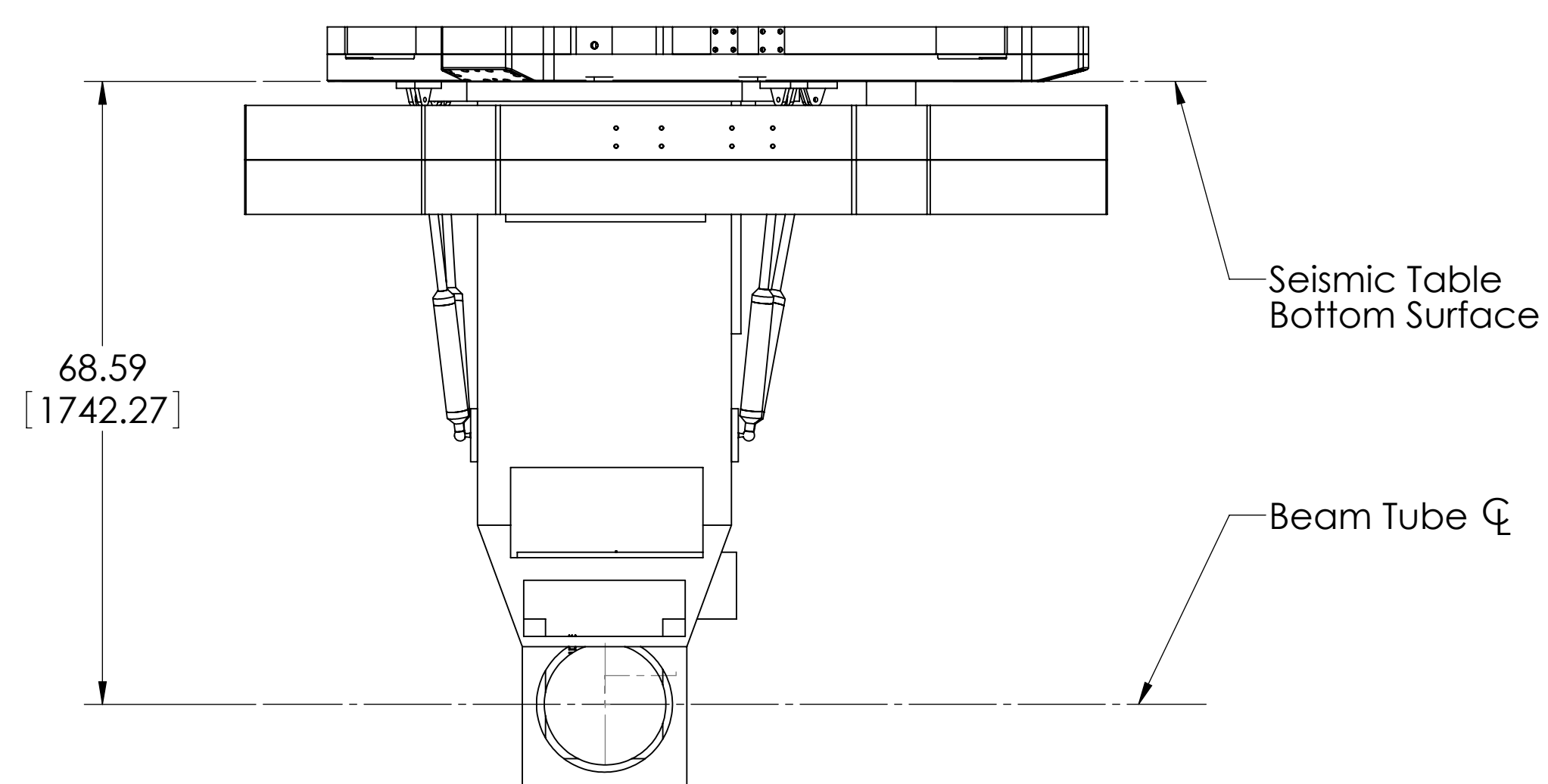
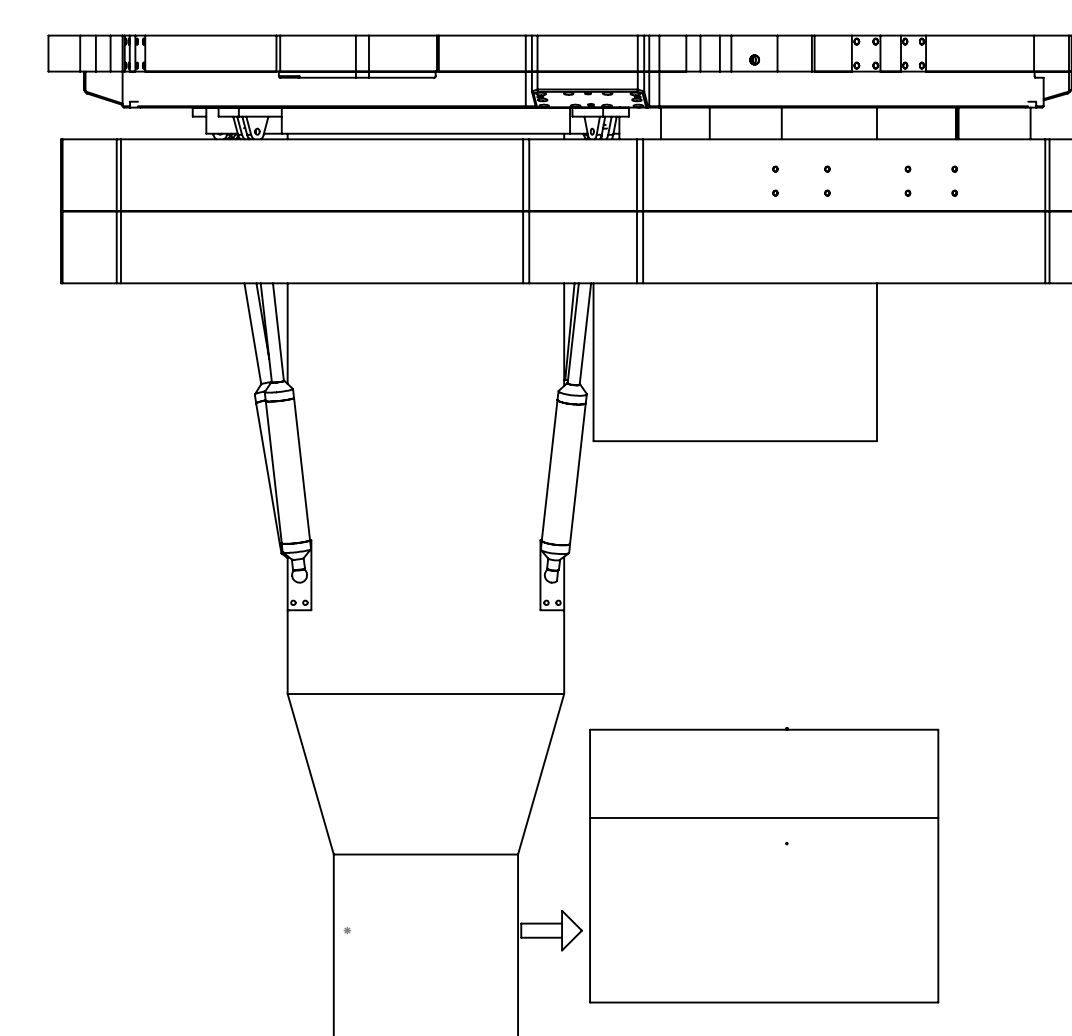


TABLE MASS TOTAL & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC10-H1	
CofG COORDINATES (mm)	
X	22.69
Y	4.18
Z	1044.34
TABLE MASS TOTAL	811.11

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		BSC10-H1 Top Level Chamber Assembly, Simplified	
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	ED CHAVEZ	68.5927 OCT 2009	D0901154
CHECKER			v3
APPROVAL	SCALE: 1:24	PROJECTION:	SHEET 5 OF 5

D0901154-BSC10-H1 Top Level Chamber Assembly, Simplified.dwg PART PDM REV: X.01.dwg DRAWING PDM REV: X.00