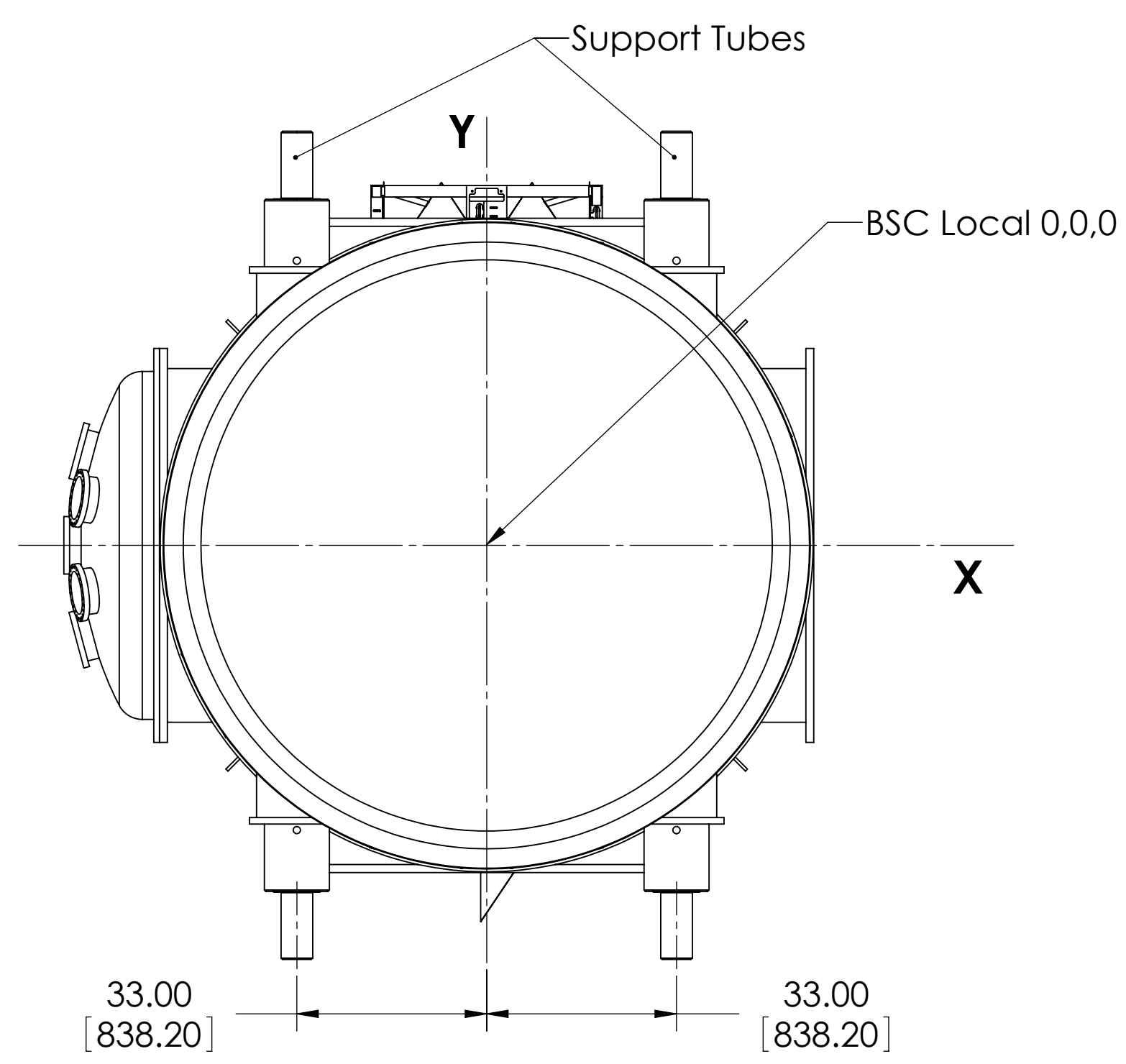
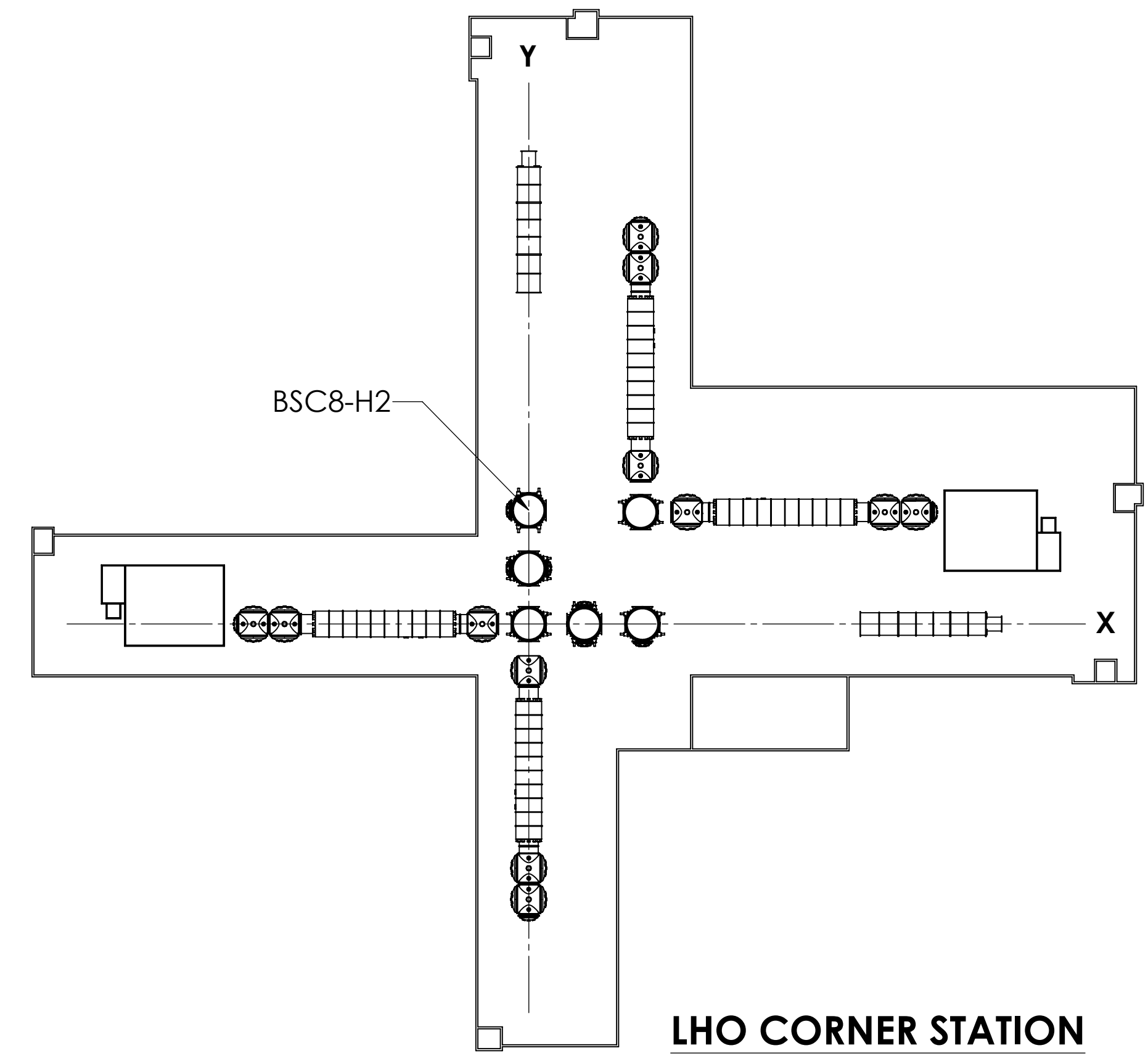
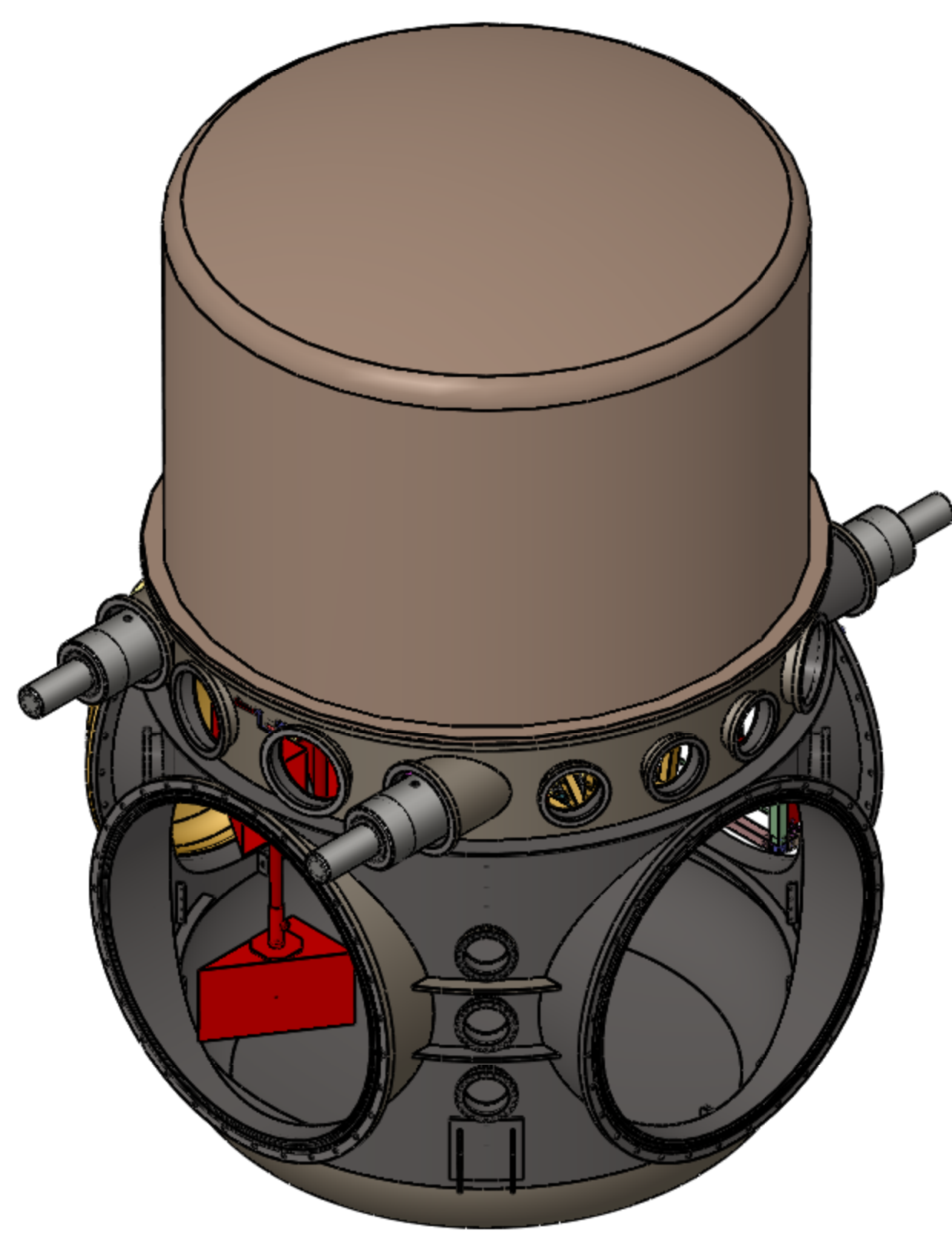


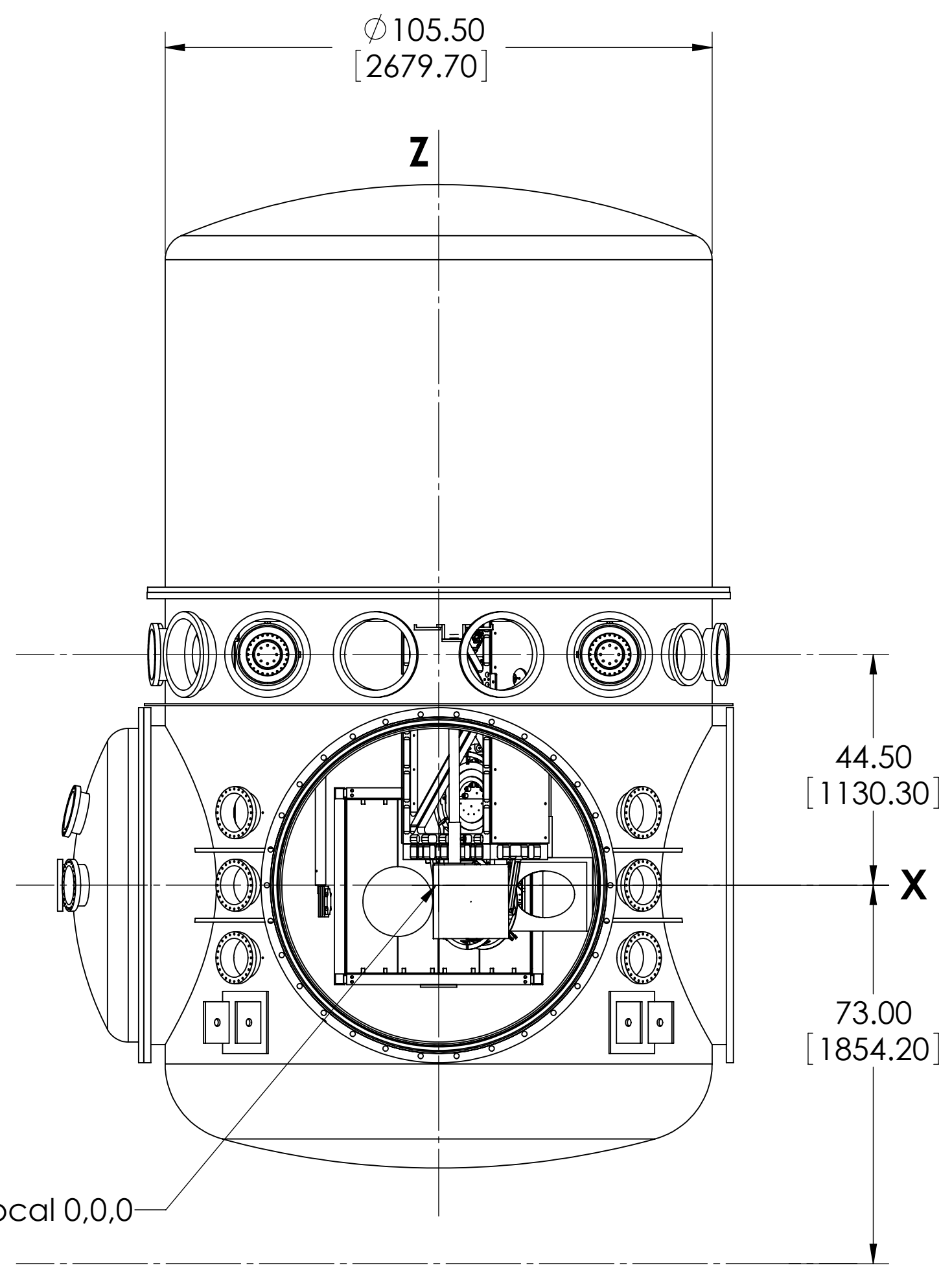
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



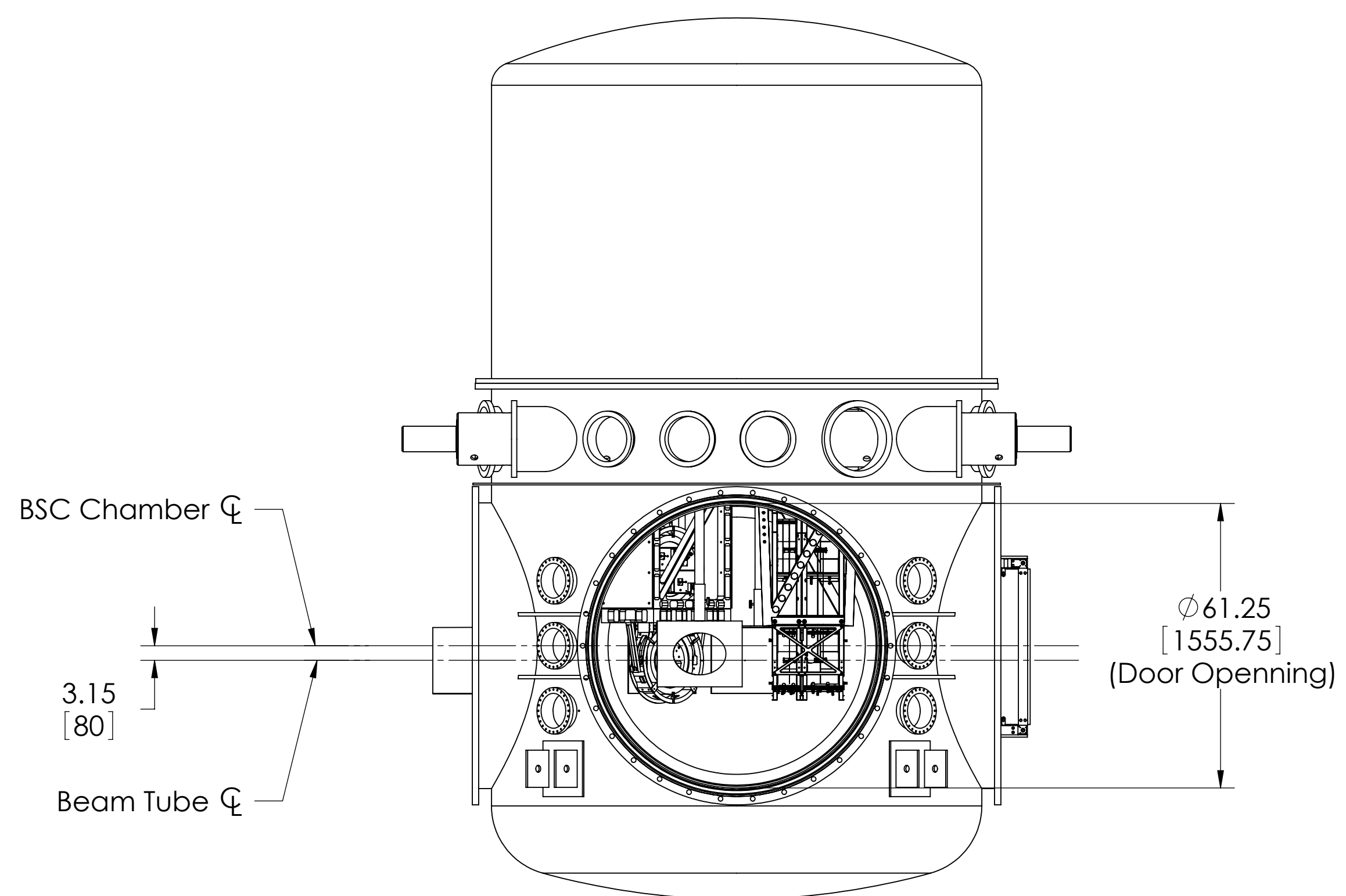
TOP VIEW



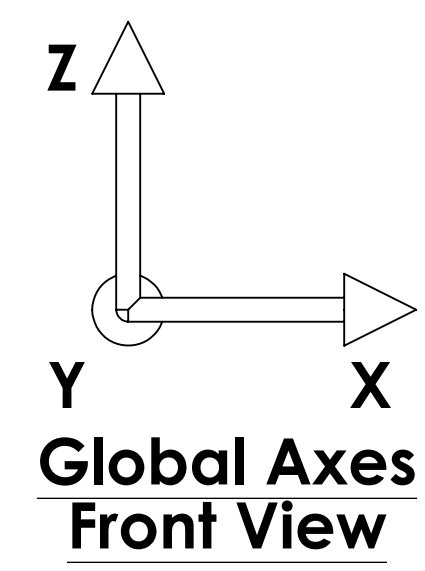
LHO CORNER STATION



FRONT VIEW



RIGHT SIDE VIEW



Global Axes Front View

BSC8-H2	
GLOBAL COORDINATES (mm)	
X	0.0
Y	9369.0
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
----------	----	--------	----------

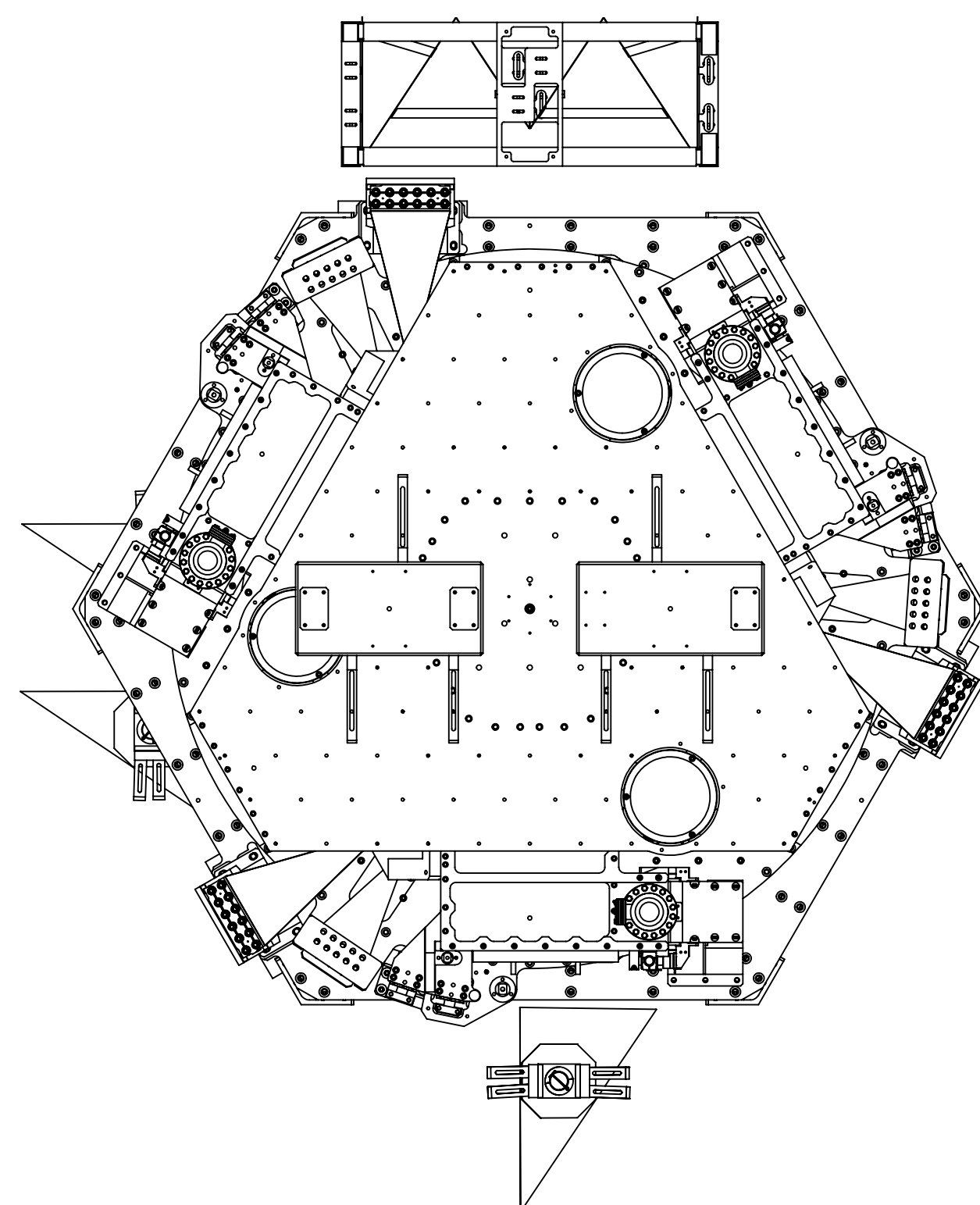
CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **SUS** NEXT ASSY:

PART NAME: **BSC8-H2 Top Level Chamber Assembly, Fully Defined**

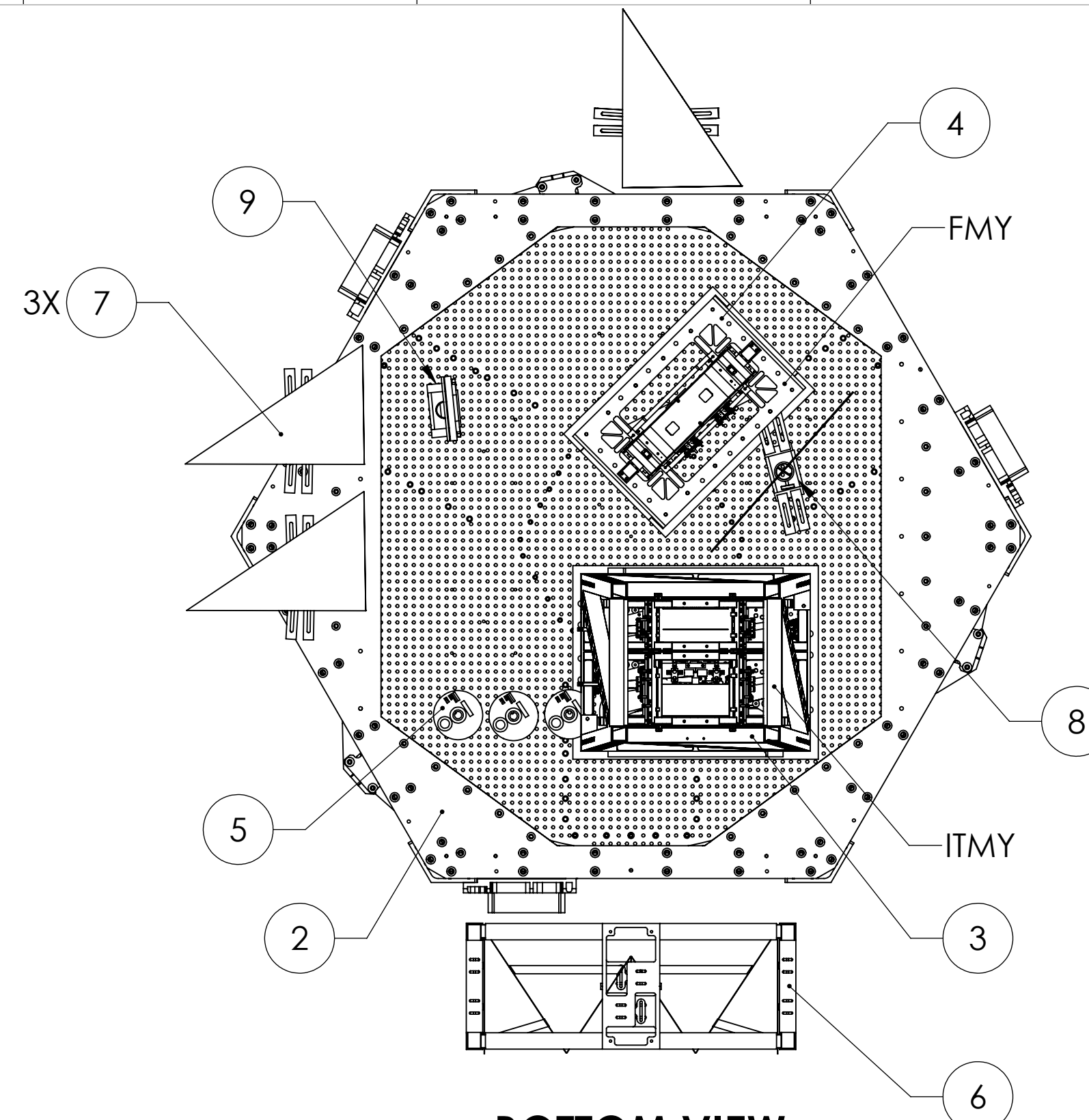
DESIGNER	ED CHAVEZ	02 NOV 2009	SIZE DWG. NO.	D	D0900360	REV.	v3
CHECKER			SCALE: 1:32	PROJECTION:			SHEET 1 OF 5

D0900360 BSC8-H2 Top Level Chamber Assembly, Complicated-1, PART PDM REV: X-01, DRAWING PDM REV: X-00

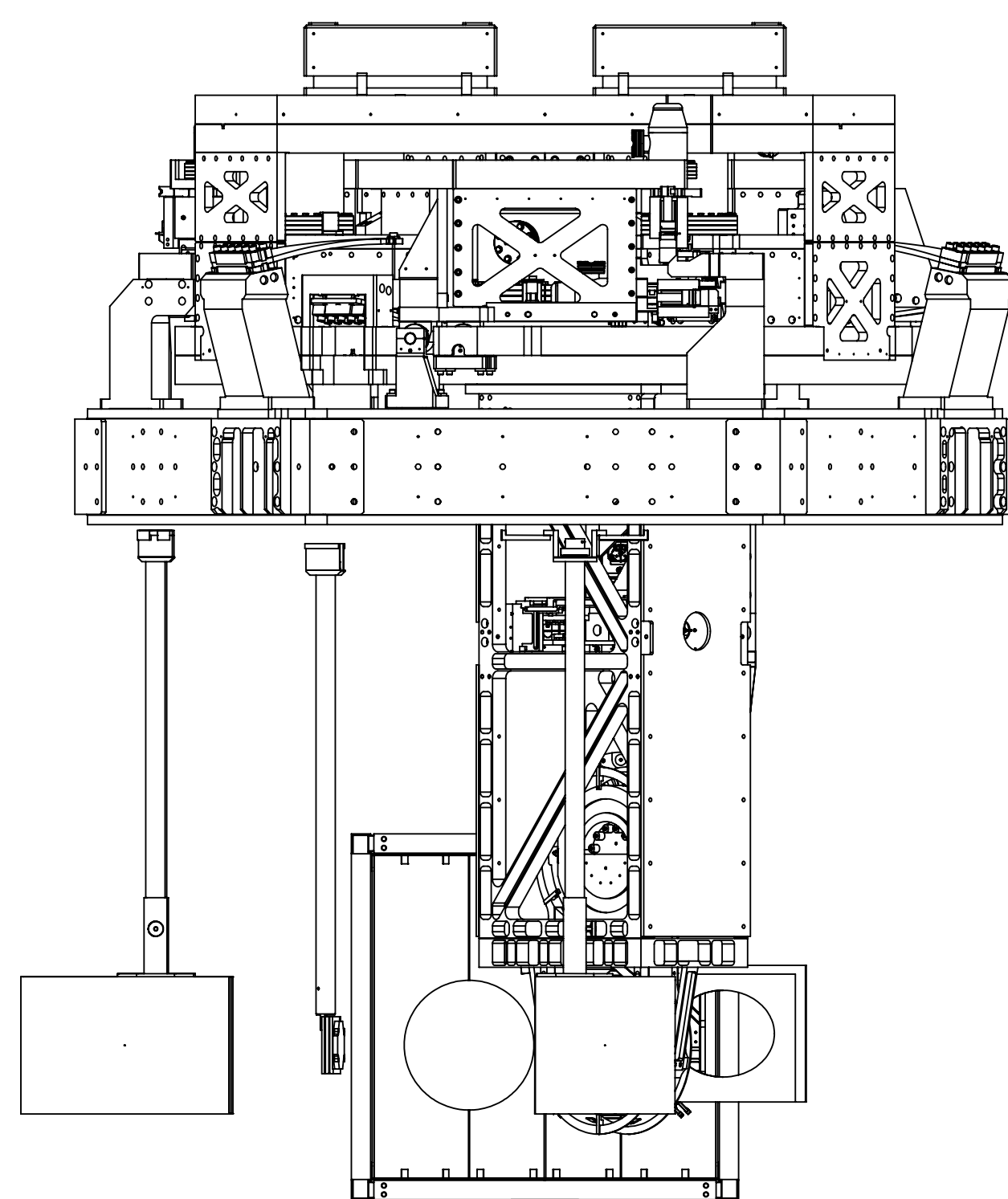
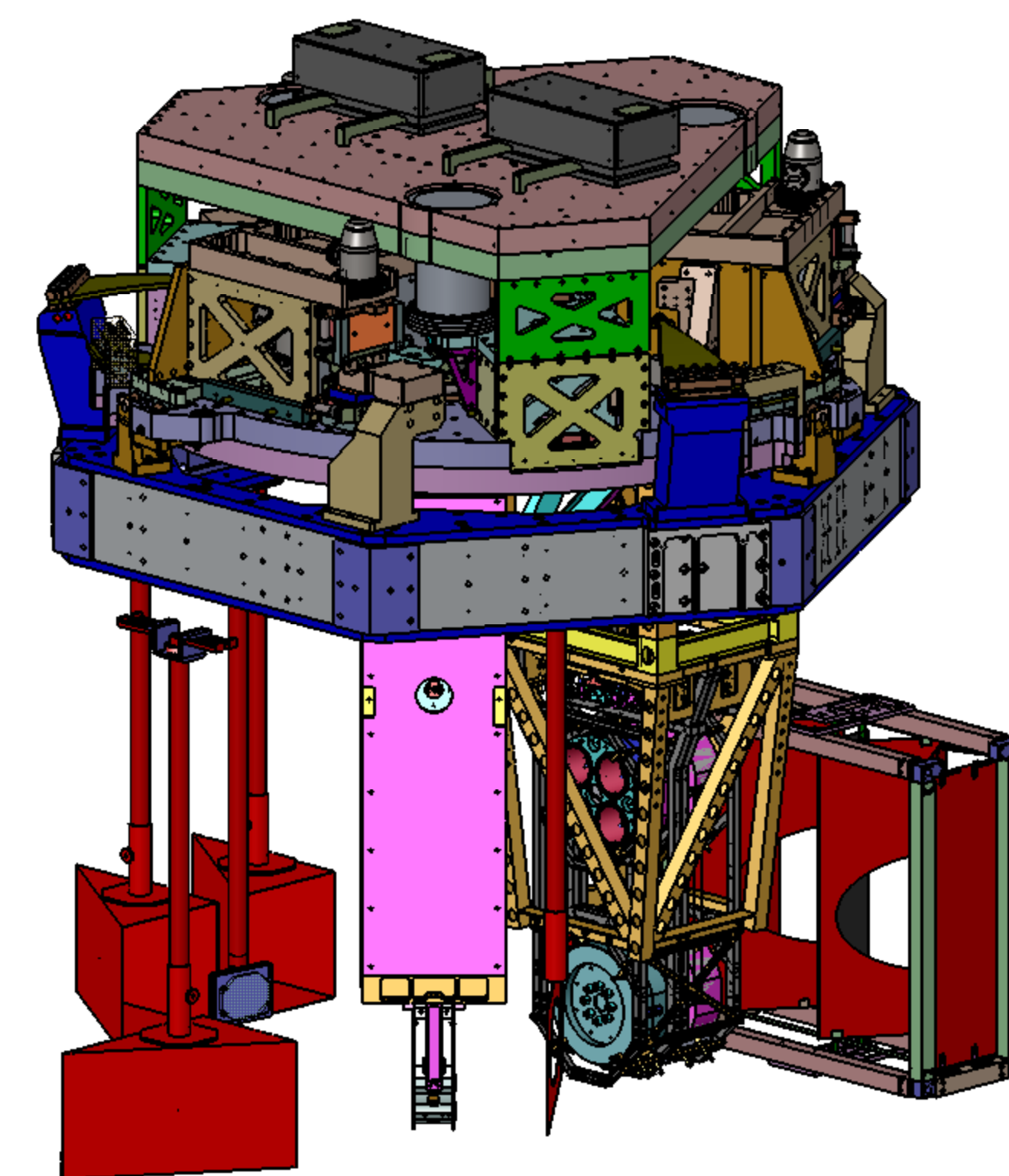
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



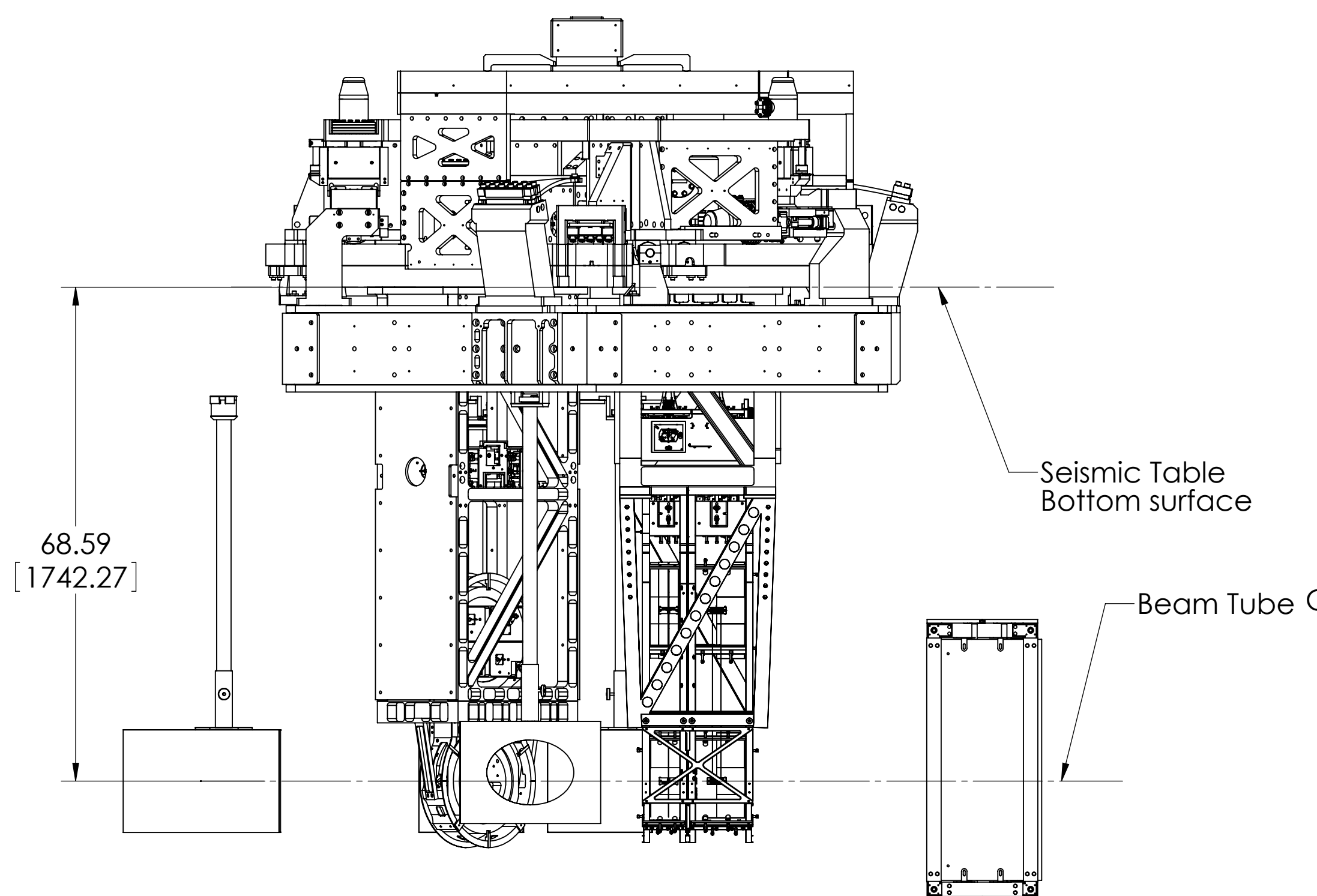
TOP VIEW



BOTTOM VIEW



FRONT VIEW



RIGHT SIDE VIEW

BSC8-H2 GLOBAL COORDINATES (mm)	
X	0.0
Y	9369.0
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

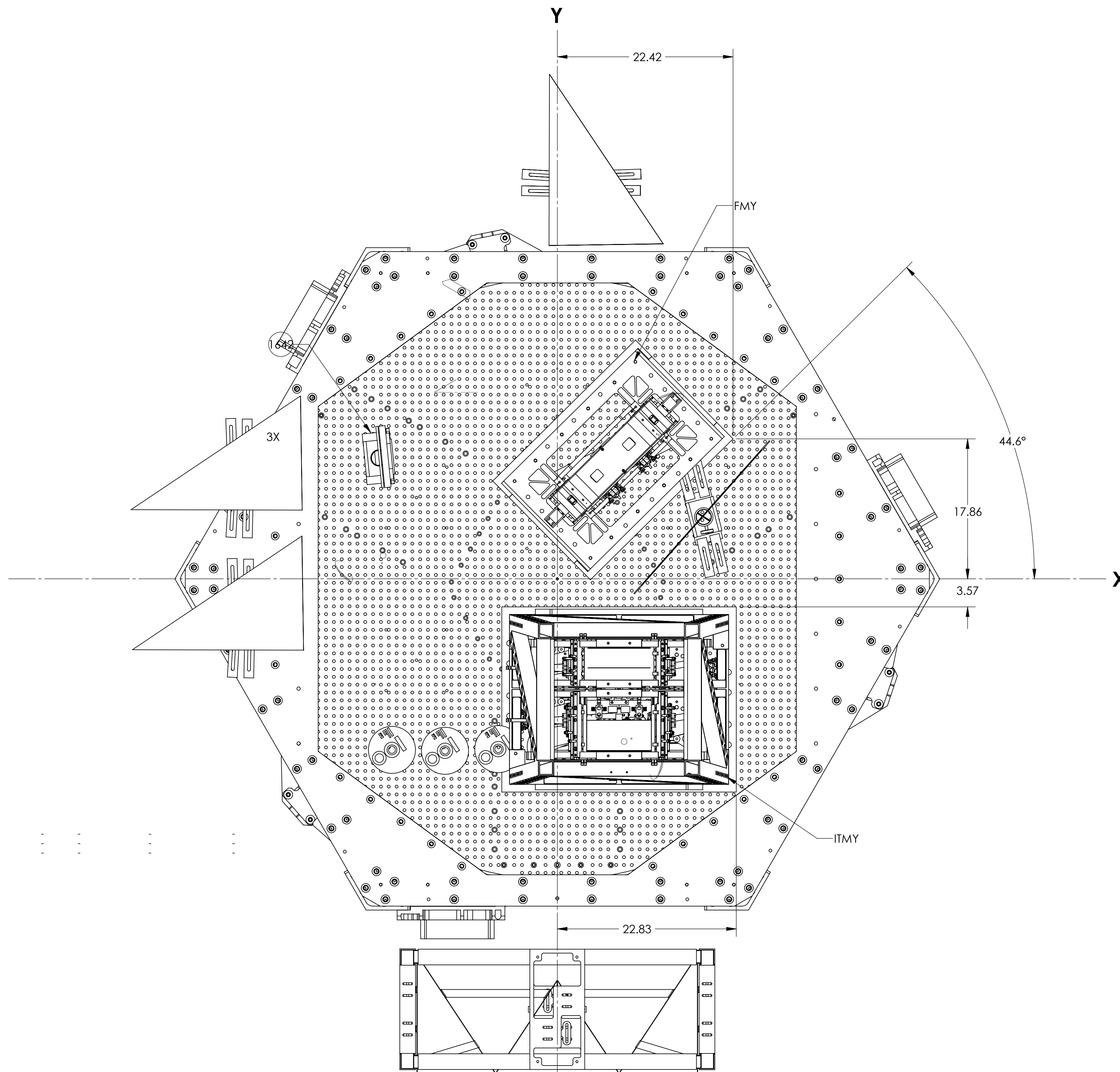
NEXT ASSY

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	Full/QTY.
9	D09XXXXX	AdvLIGO SUS, BSC7-H2 XYZ Local CS for TCS CO2 Steering Mirror	N/A	1
8	D0901059	ELLIPTICAL_BAFFLE_FORM_LAYOUT_FO OT	--	1
7	D0901029	ELLIPTICAL_BAFFLE_FORM_LAYOUT_FO OT	--	3
6	D0900416	AdvLIGO, SUS BSC8-H2, XYZ Local CS for ACB	--	1
5	D0900344	AdvLIGO Systems SEI Table Counterweight Assy	--	1
4	D0900364	AdvLIGO SUS BSC8-H2, XYZ Local CS for FMY	--	1
3	D0900363	AdvLIGO SUS BSC8-H2, XYZ Local CS for ITMY	--	1
2	D0900362	AdvLIGO SEI BSC8-H2, XYZ Local CS for ISI Table	--	1
NOT SHOWN	D0900361	AdvLIGO VE BSC8-H2, Vacuum Equipment Assembly	--	1

PART NAME				
BSC8-H2 Top Level Chamber Assembly, Fully Defined				
DESIGNER	ED CHAVEZ	SIZE	DWG. NO.	REV.
DRAFTER		D	D0900360	v3
CHECKER		SCALE: 1:32	PROJECTION:	SHEET 2 OF 5
APPROVAL				

DD090360 BSC8-H2 Top Level Chamber Assembly, Complicated II PART PDM REV: X-001, DRAWING PDM REV: X-000

REV.	DATE	DCN #	DRAWING TREE #



BOTTOM VIEW

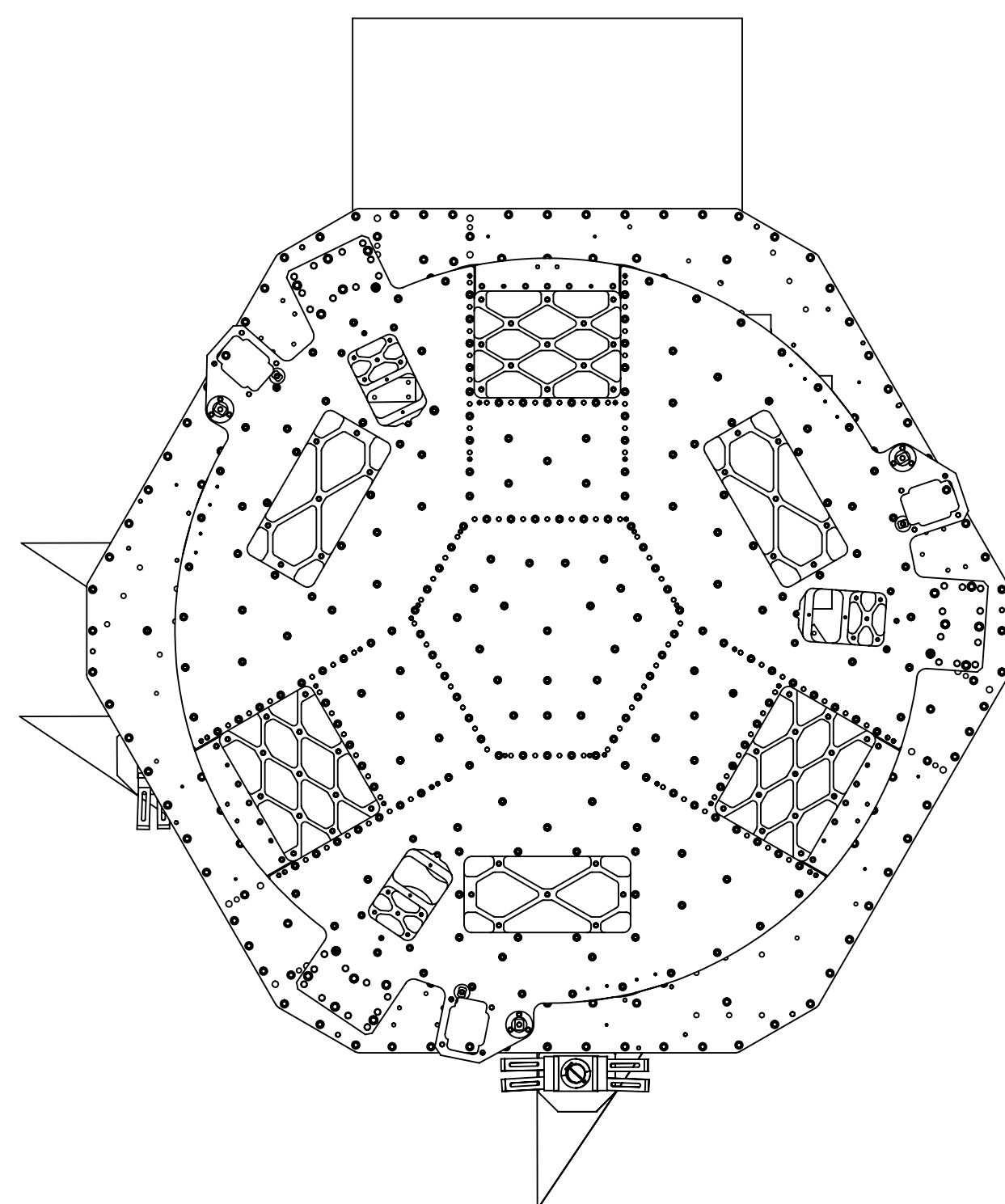
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN	
TOLERANCES:	
.XX ±	
.XXX ±	
ANGULAR ± °	
MATERIAL	--
FINISH	-- μinch

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

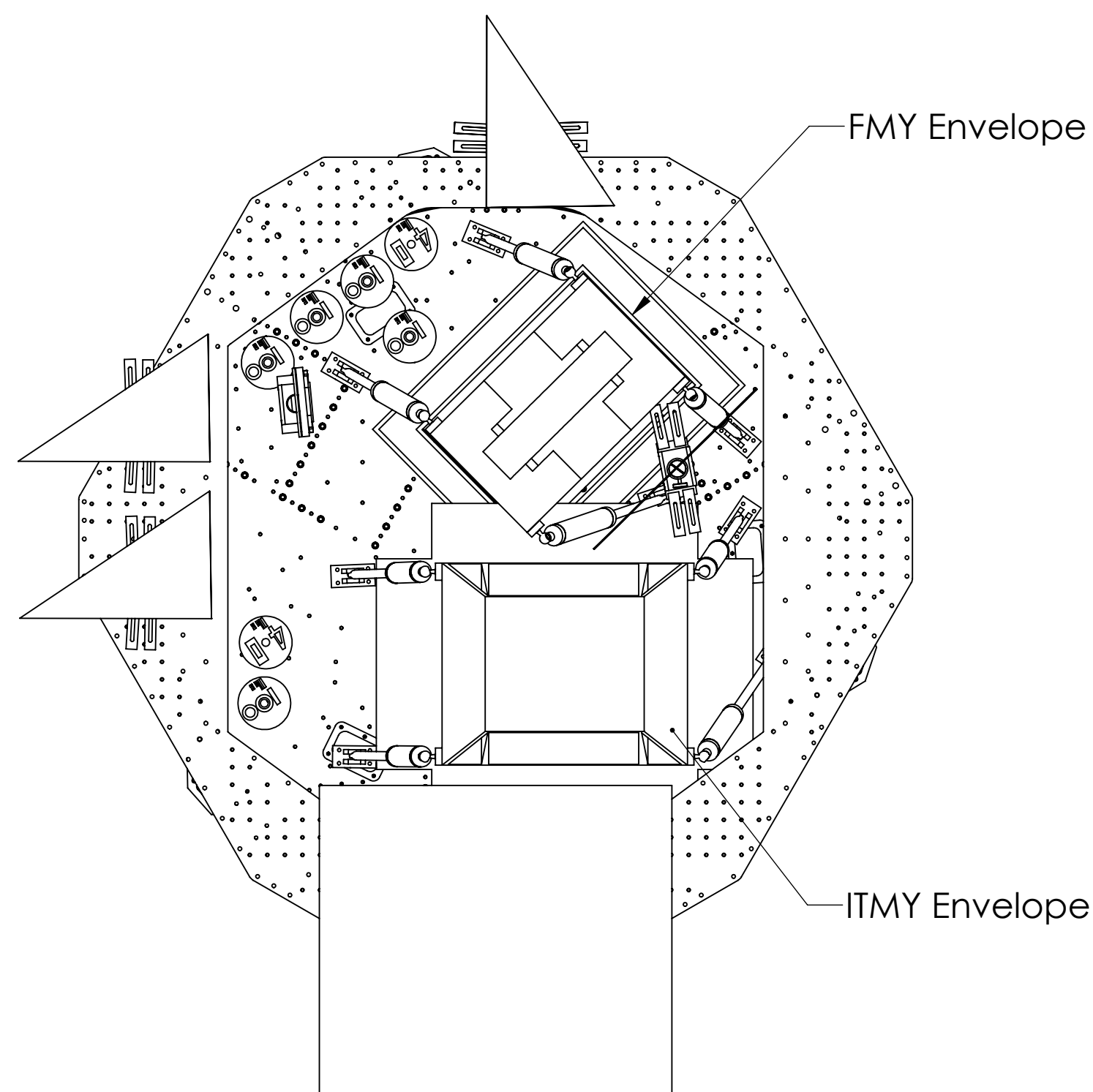
PART NAME				BSC8-H2 Top Level Chamber Assembly, Fully Defined			
DESIGNER		SIZE	DWG. NO.	REV.			
DRAFTER	ED CHAVEZ	02 NOV 2009	D	D0900360	v3		
CHECKER		SCALE: 1:2	PROJECTION:			SHEET 3 OF 5	
APPROVAL							

D0900360 BSC8-H2 Top Level Chamber Assembly, Complicated III, PART FDM REV: X021, DRAWING FDM REV: 2

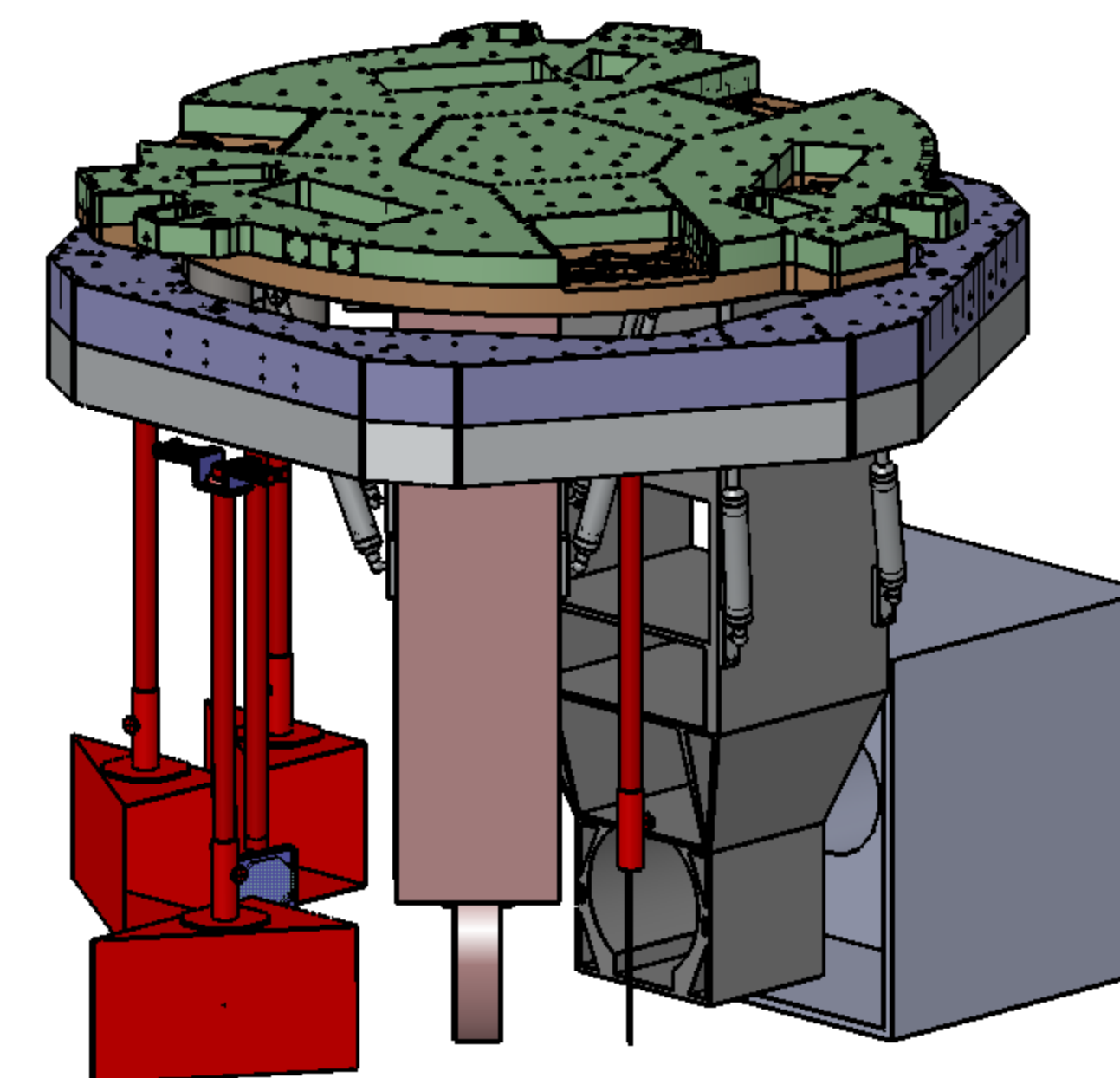
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



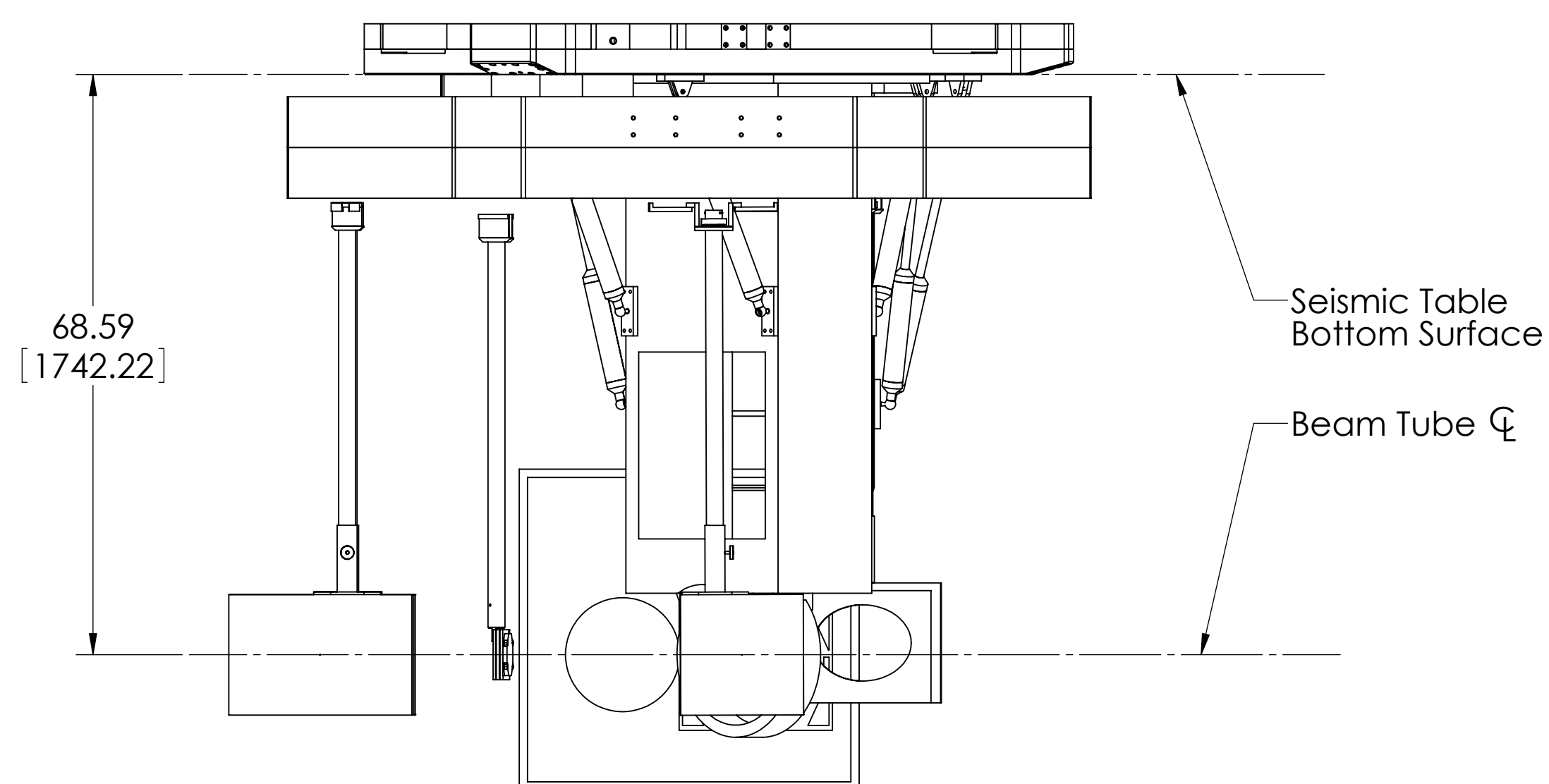
TOP VIEW



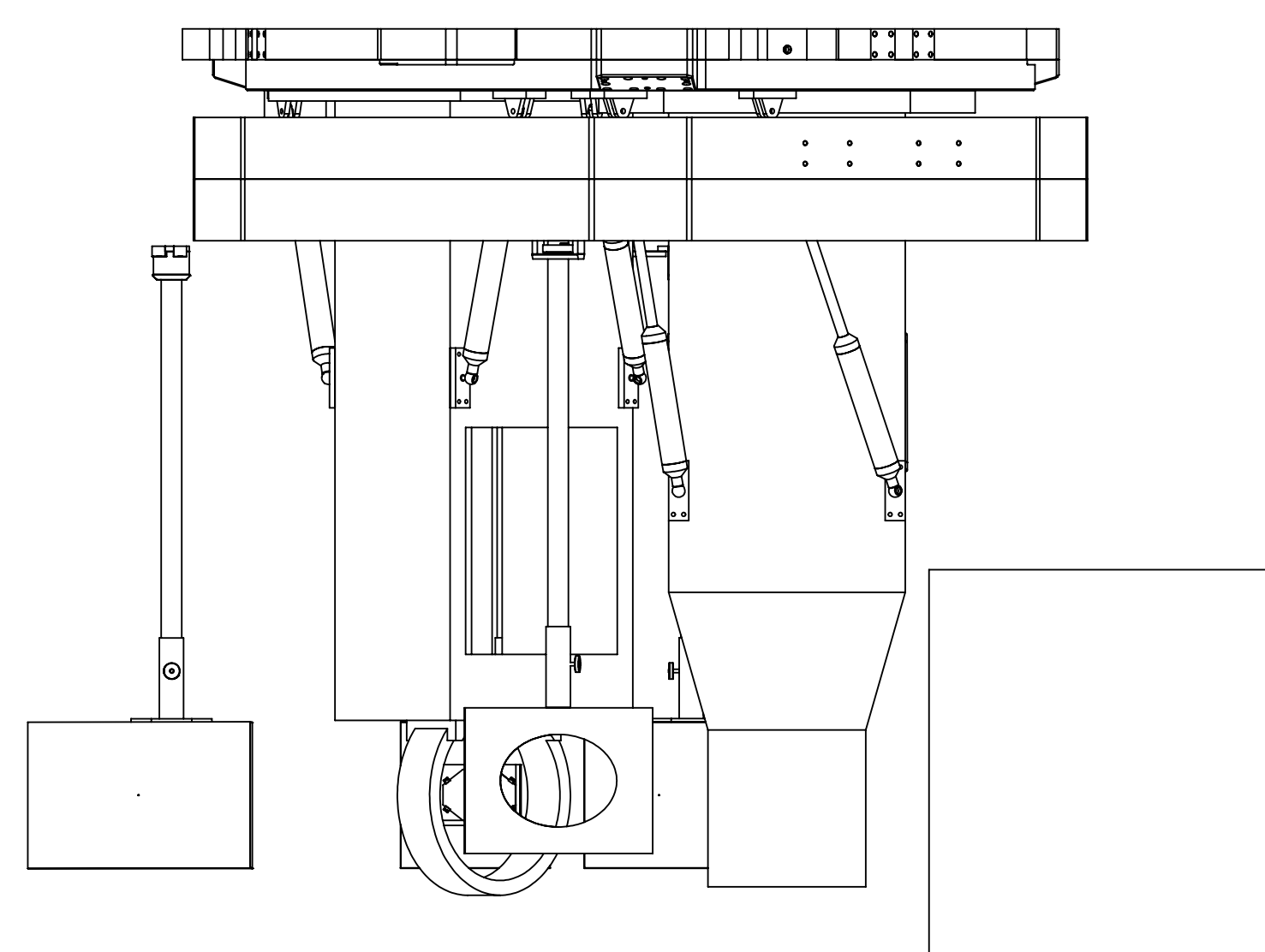
BOTTOM VIEW



NO SUSPENDED MASS & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC7-H2	
CofG COORDINATES (mm)	
X	-118.9
Y	154.5
Z	1284.3
TABLE MASS W/NO SUS-MASS TOTAL	499.35

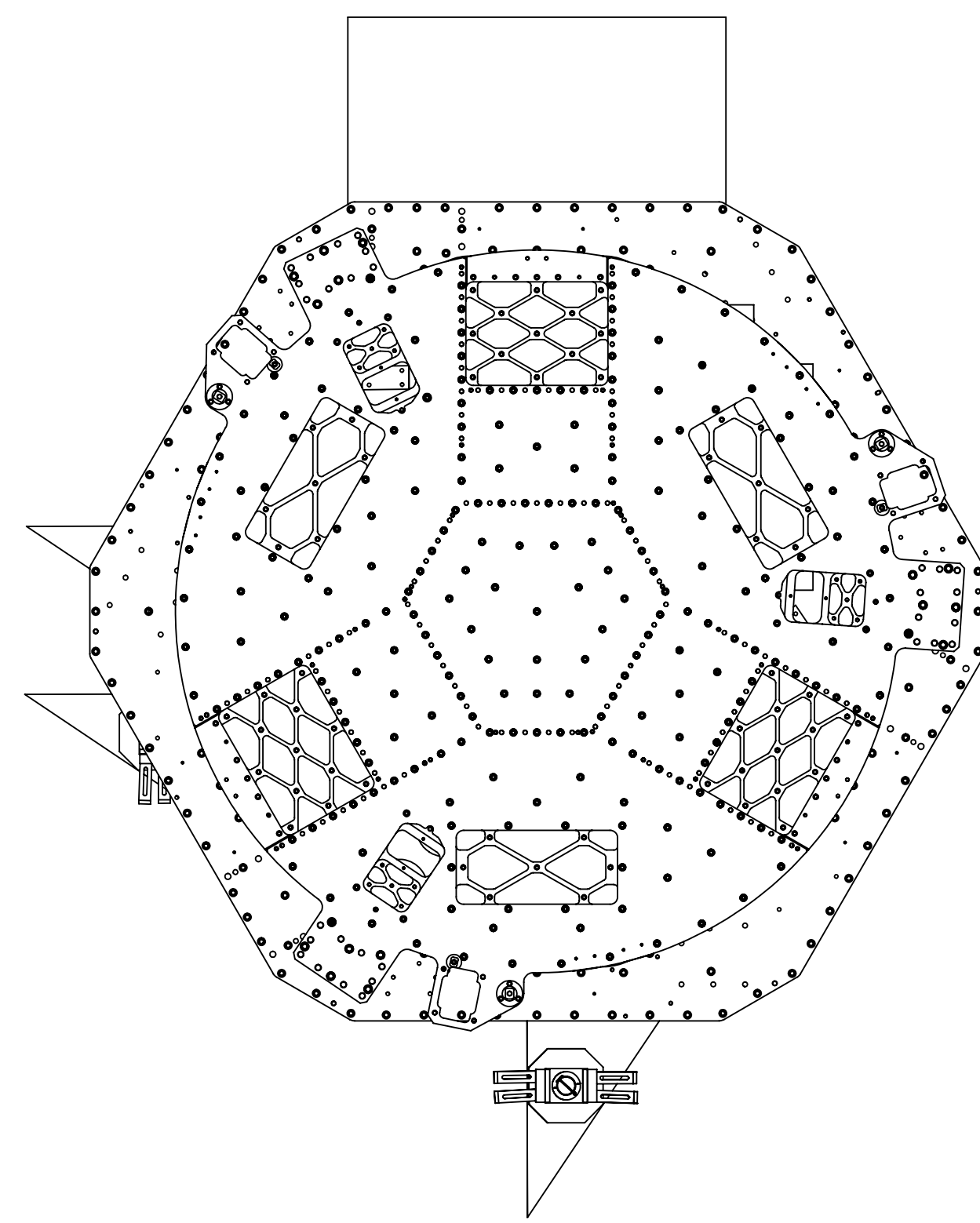
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
ANGULAR ± 0.5°	
MATERIAL	FINISH
--	-- μinch

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

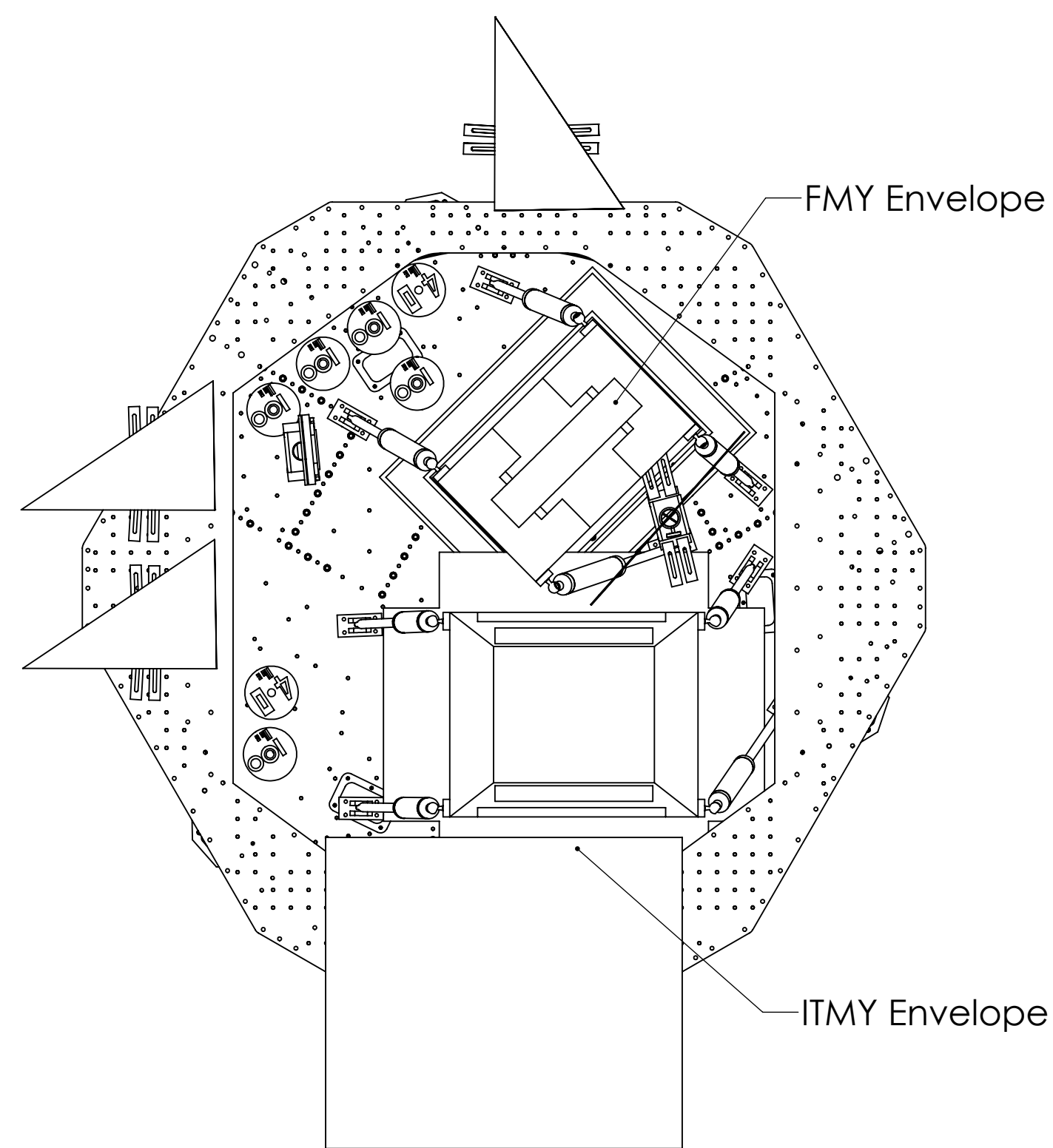
PART NAME			
BSC8-H2 Top Level Chamber Assembly, Simplified			
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	ED CHAVEZ	02 NOV 2009	D
CHECKER			D0900360
APPROVAL			v3
SCALE: 1:24		PROJECTION:	SHEET 4 OF 5

D0900360 BSC8-H2 Top Level Chamber Assembly, Simplified-1.PART PDM REV: X-021_DRAWING PDM REV: X-000

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



TOP VIEW



BOTTOM VIEW

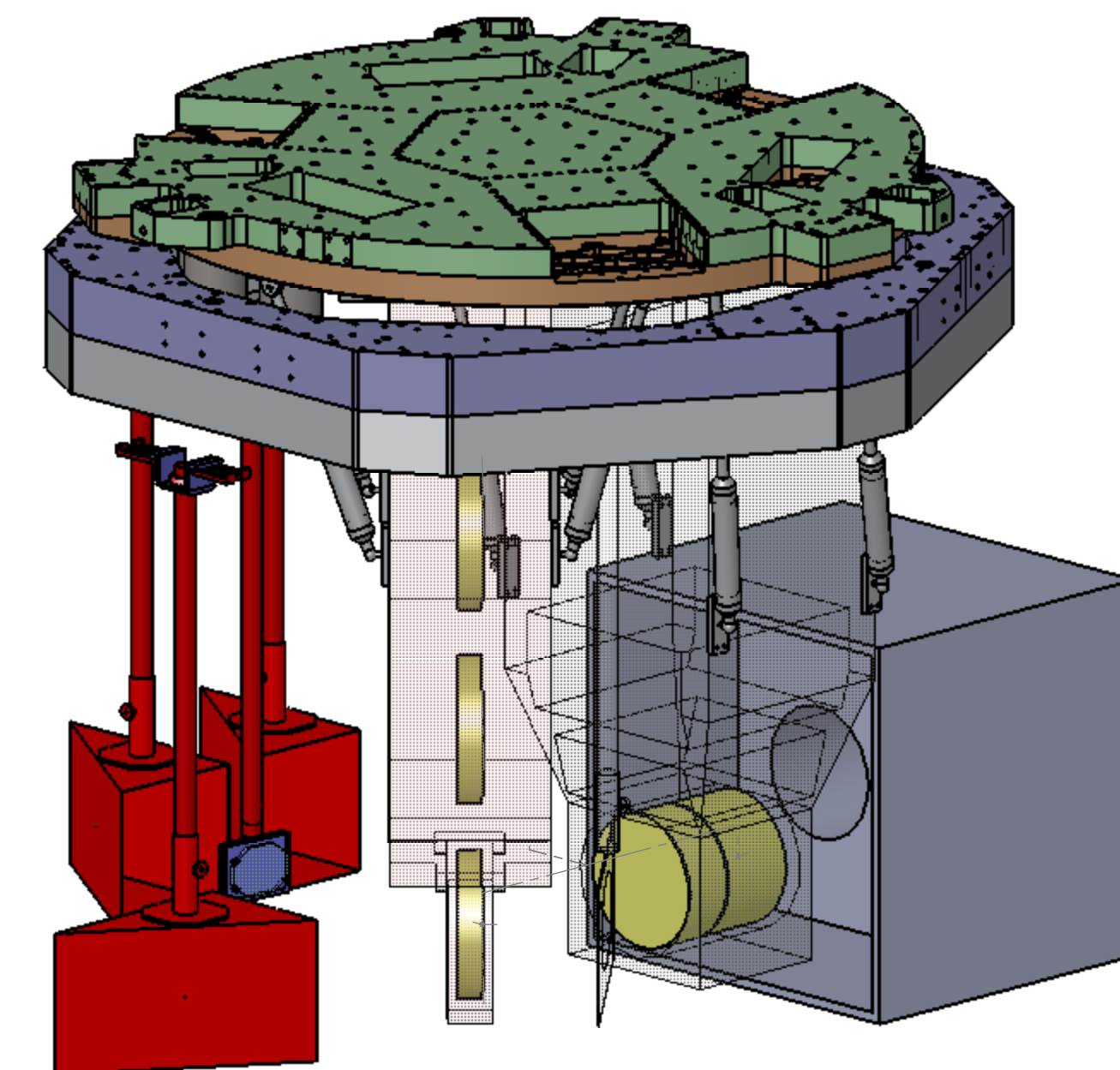
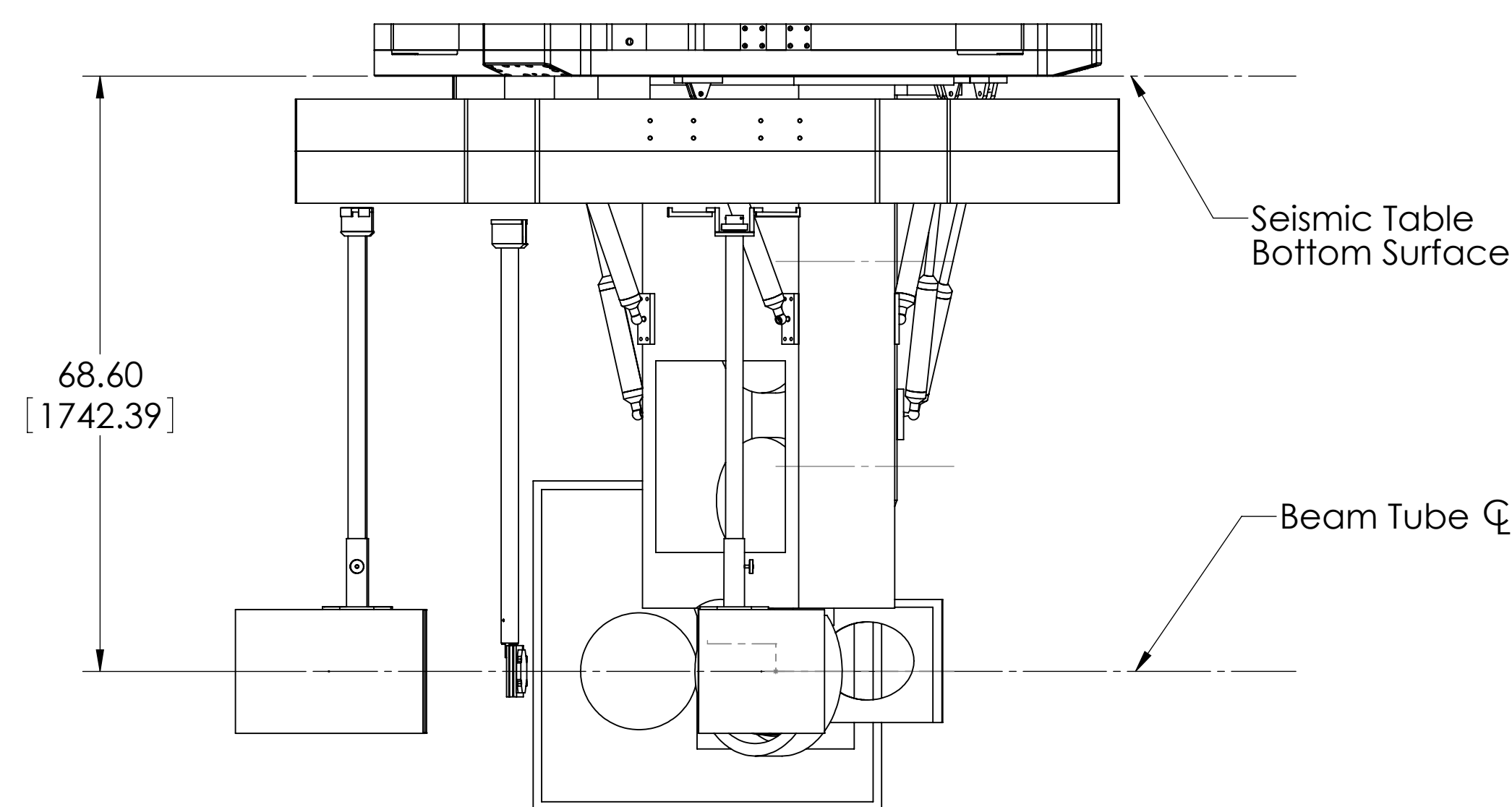
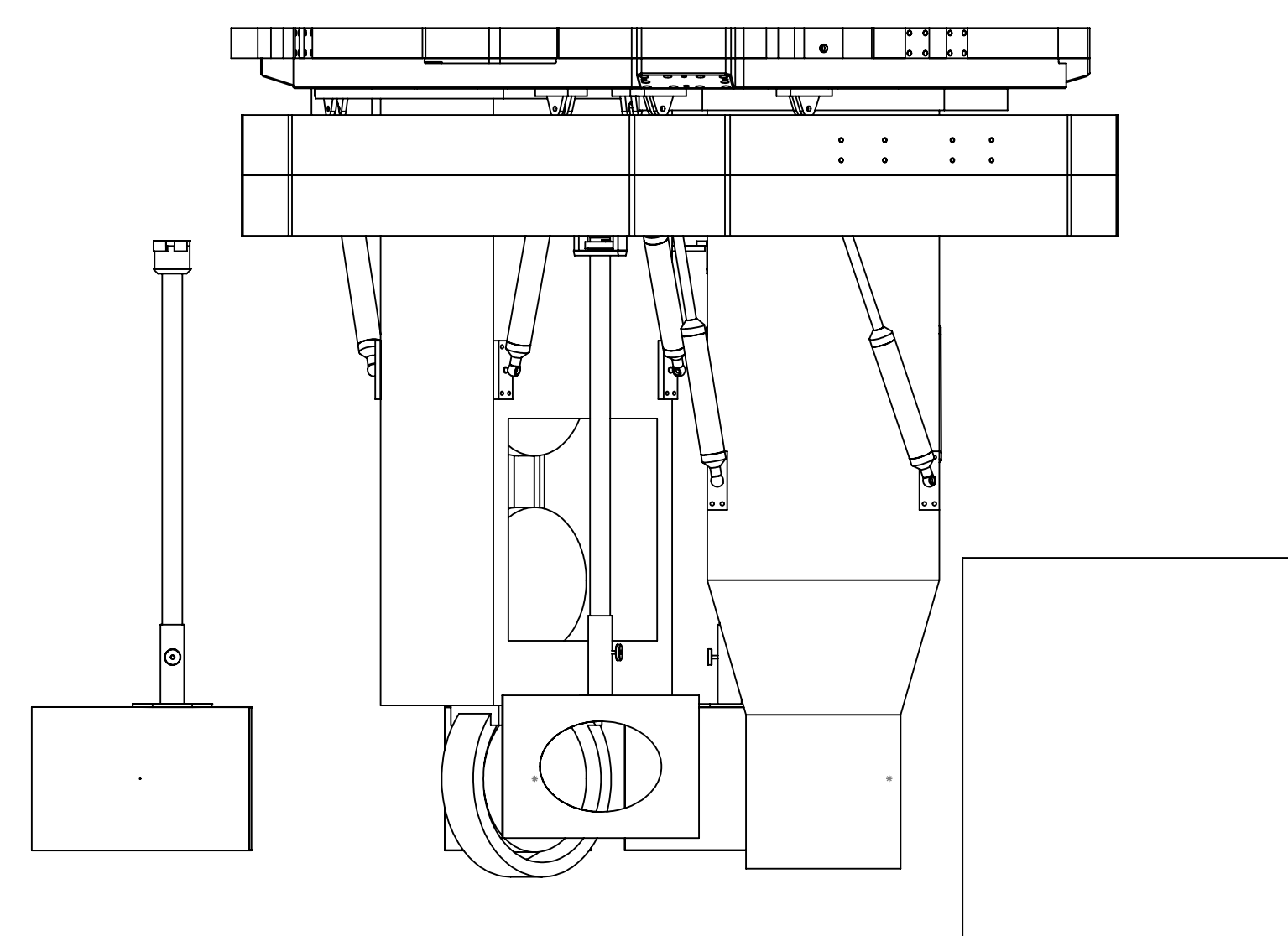


TABLE MASS TOTAL & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC8-H2	
CofG COORDINATES (mm)	
X	-0.46
Y	-1.74
Z	994.07
TABLE MASS TOTAL	796.26

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			
BSC8-H2 Top Level Chamber Assembly, Simplified			
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	ED CHAVEZ	02 NOV 2009	D
CHECKER			D0900360
APPROVAL			v3
SCALE: 1:24		PROJECTION:	SHEET 5 OF 5

DD0900360 BSC8-H2 Top Level Chamber Assembly, Simplified-IT PART PDM REV: X-021 DRAWING PDM REV: X-000