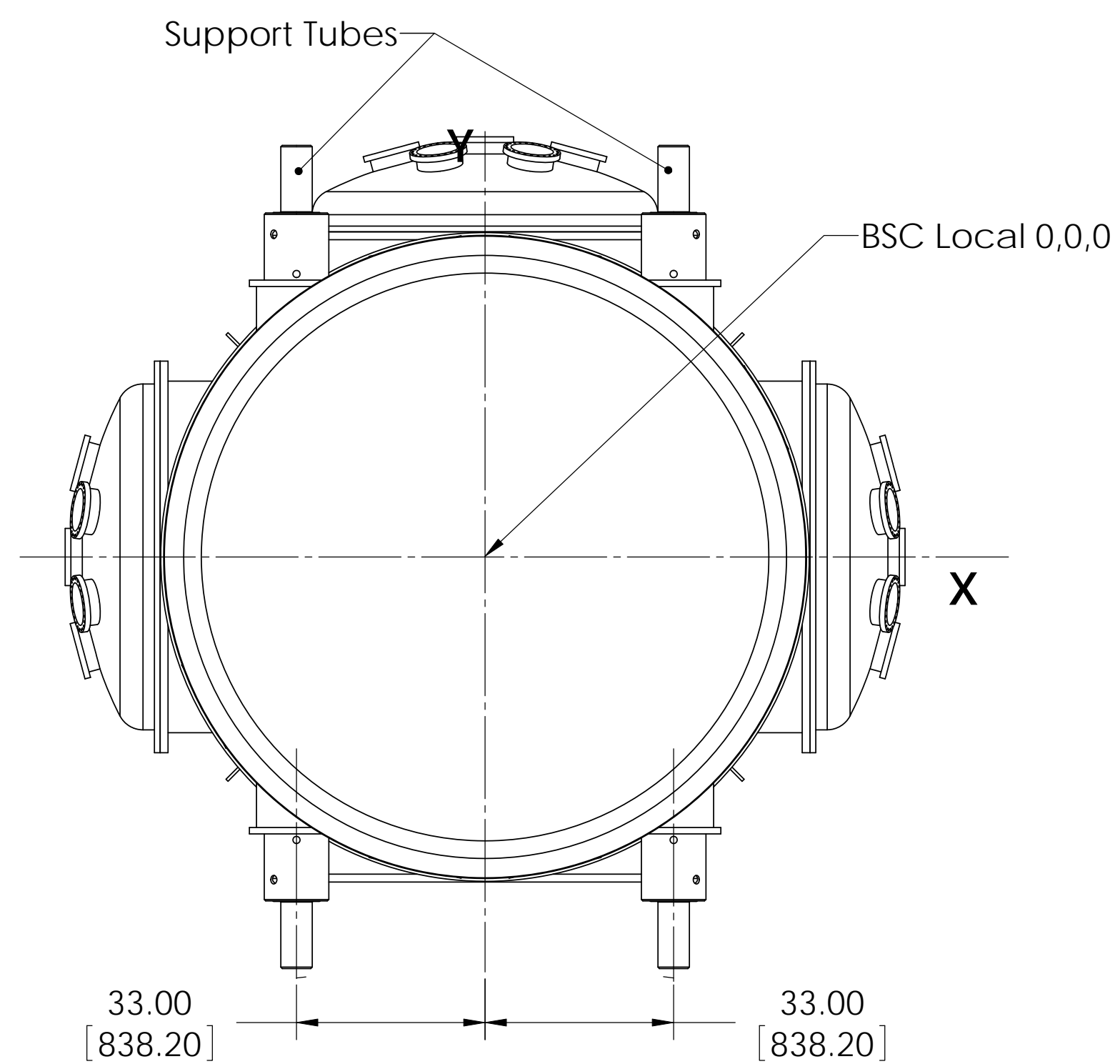
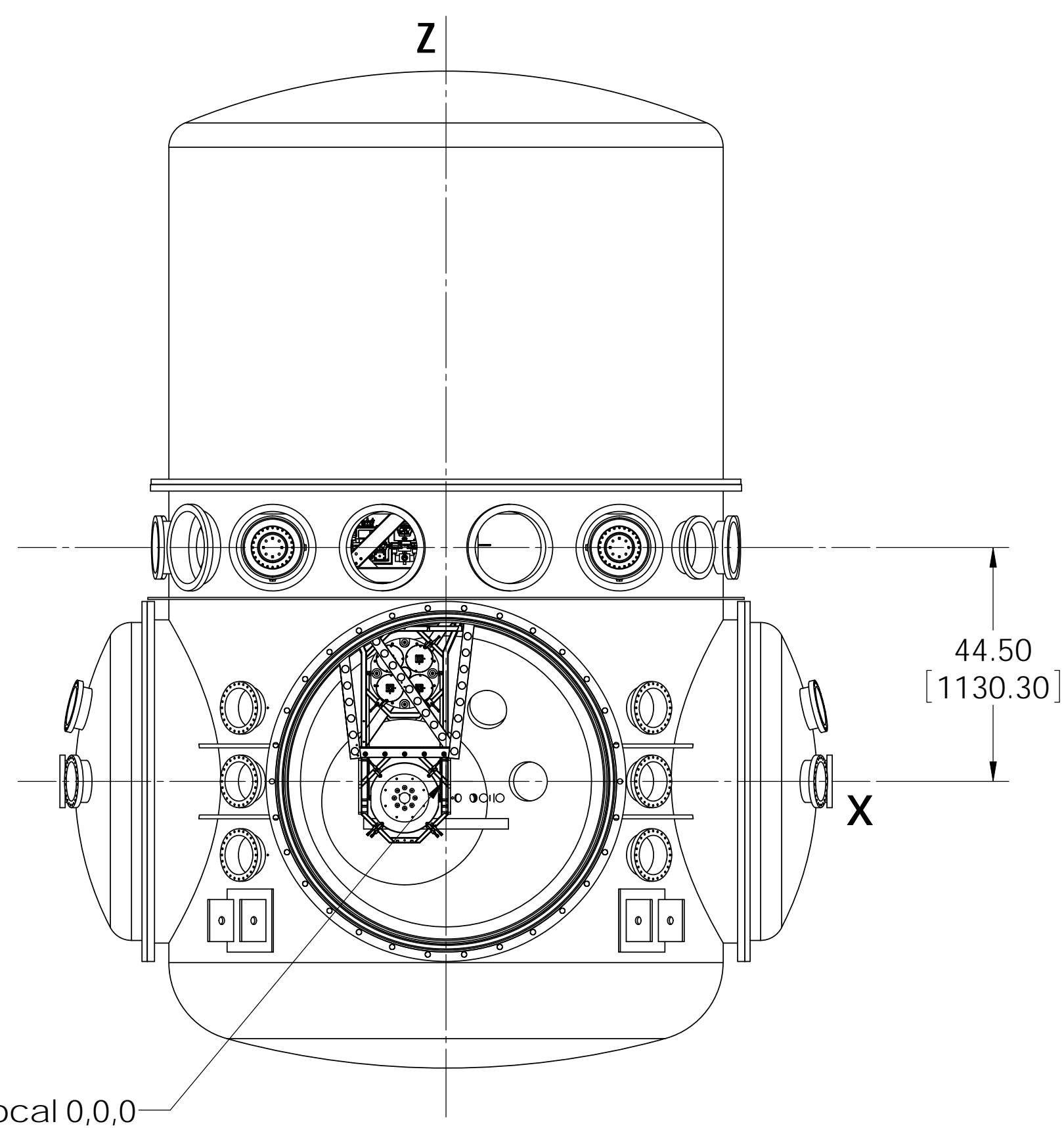


NOTES CONTINUED:
 (5) Reference DCC # 1010076-02

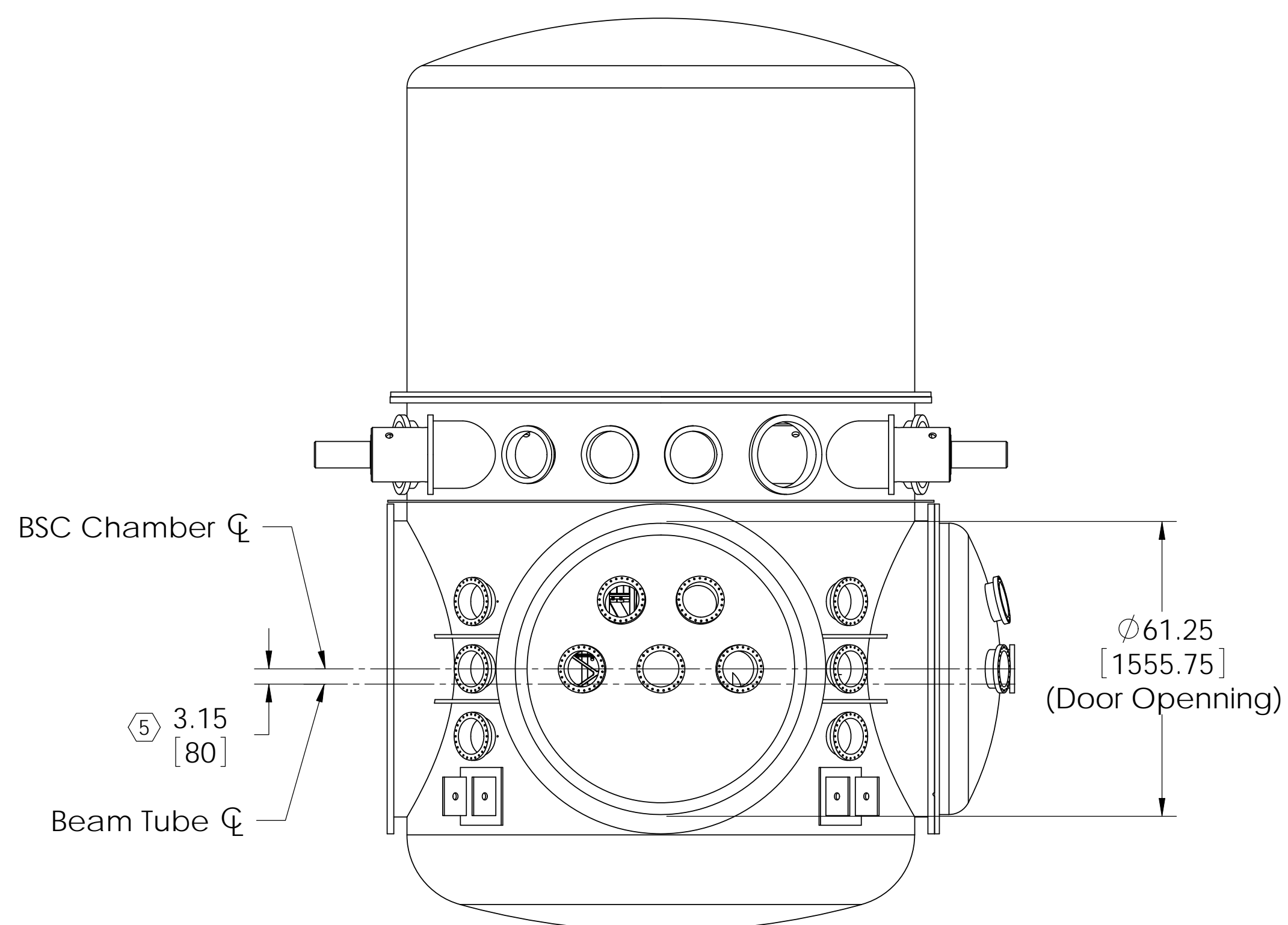
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



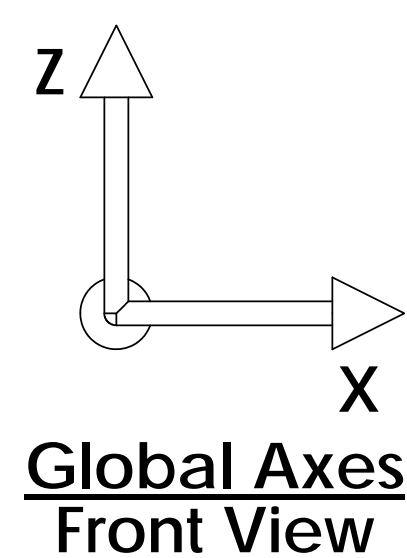
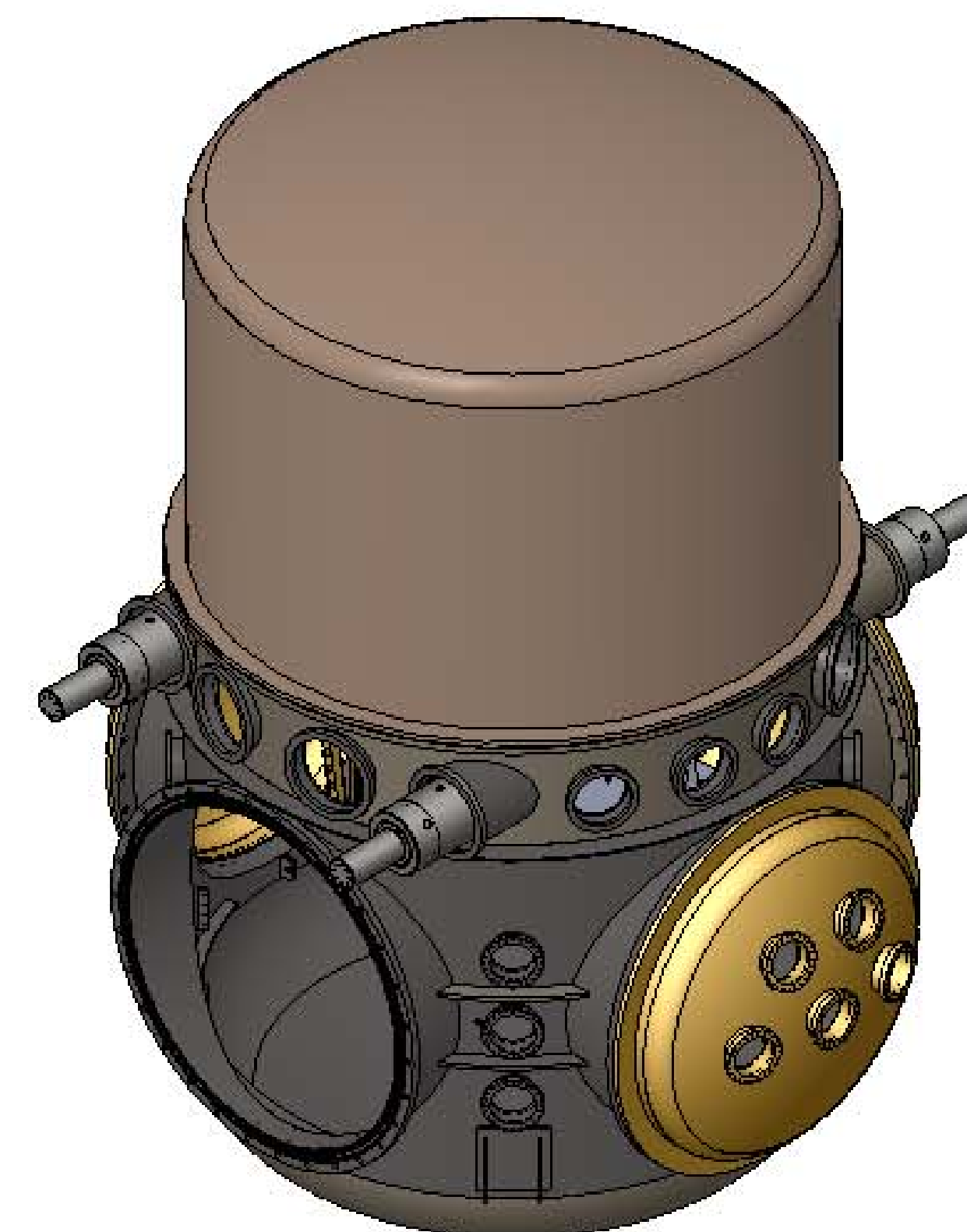
TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

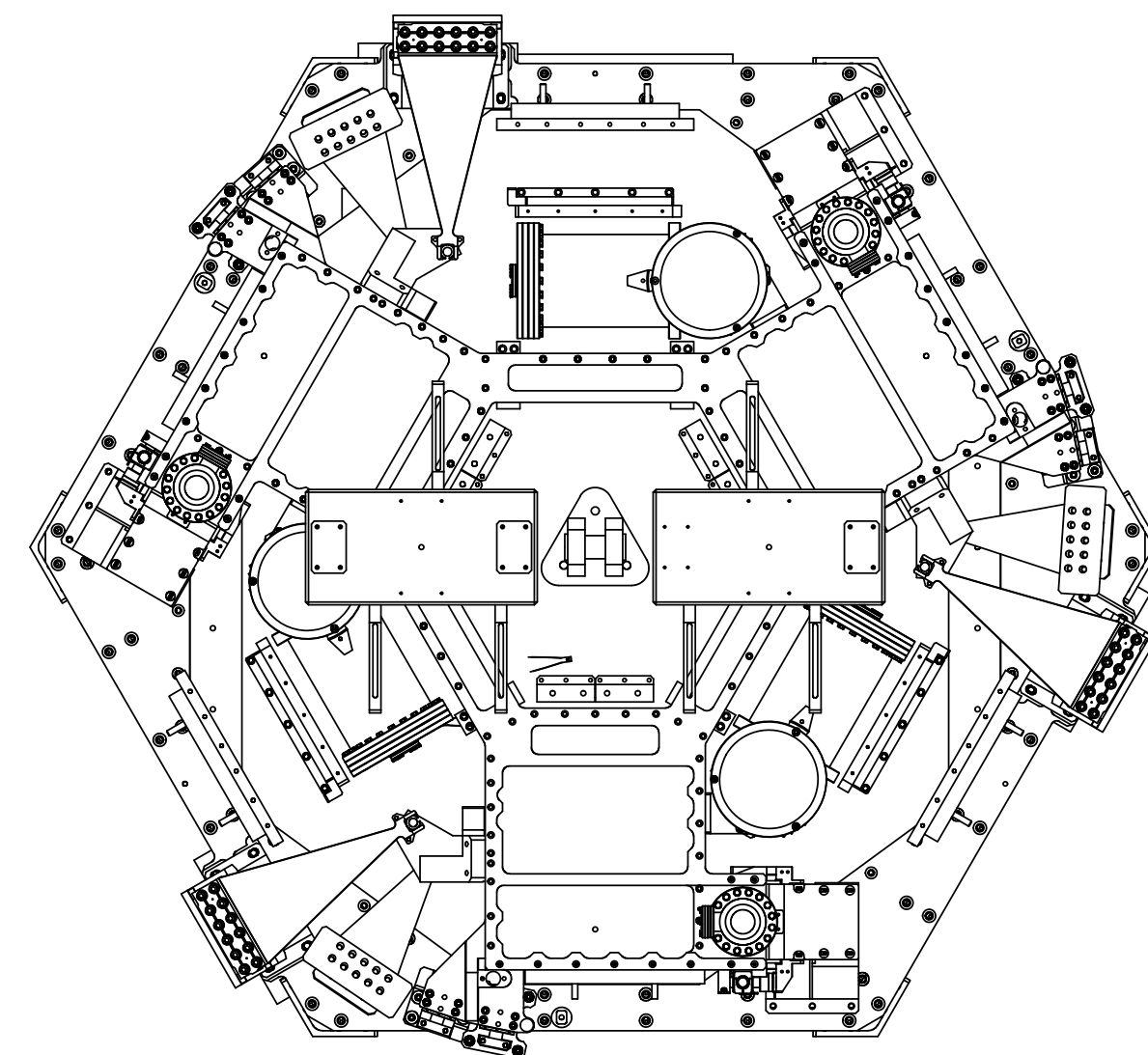


BSC5-L1	
GLOBAL COORDINATES (mm)	
X	0.0
Y	4000000.0
Z	0.0

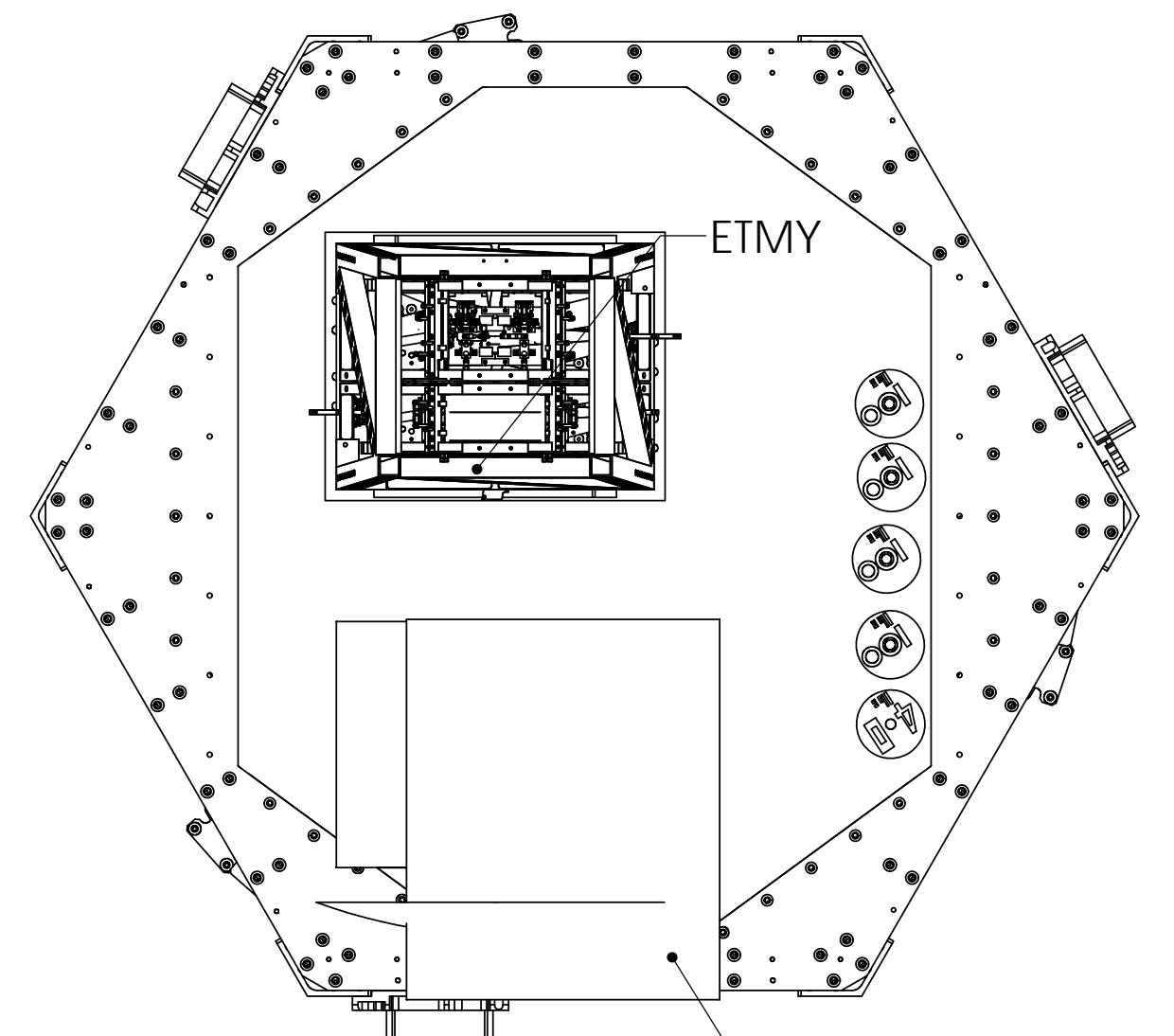
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.		BSC5-L1 Top Level Chamber Assembly, Fully Defined	
MATERIAL		FINISH		SYSTEM	SUB-SYSTEM	DESIGNER	SIZE DWG. NO.
--		-- μinch		ADVANCED LIGO	SUS	ED CHAVEZ	D
NEXT ASSY				CHECKER		REV.	
				APPROVAL		v2	
				SCALE: 1:32		PROJECTION:	
						SHEET 1 OF 4	

NOTES CONTINUED:
 5 Reference DCC # 1010076-02

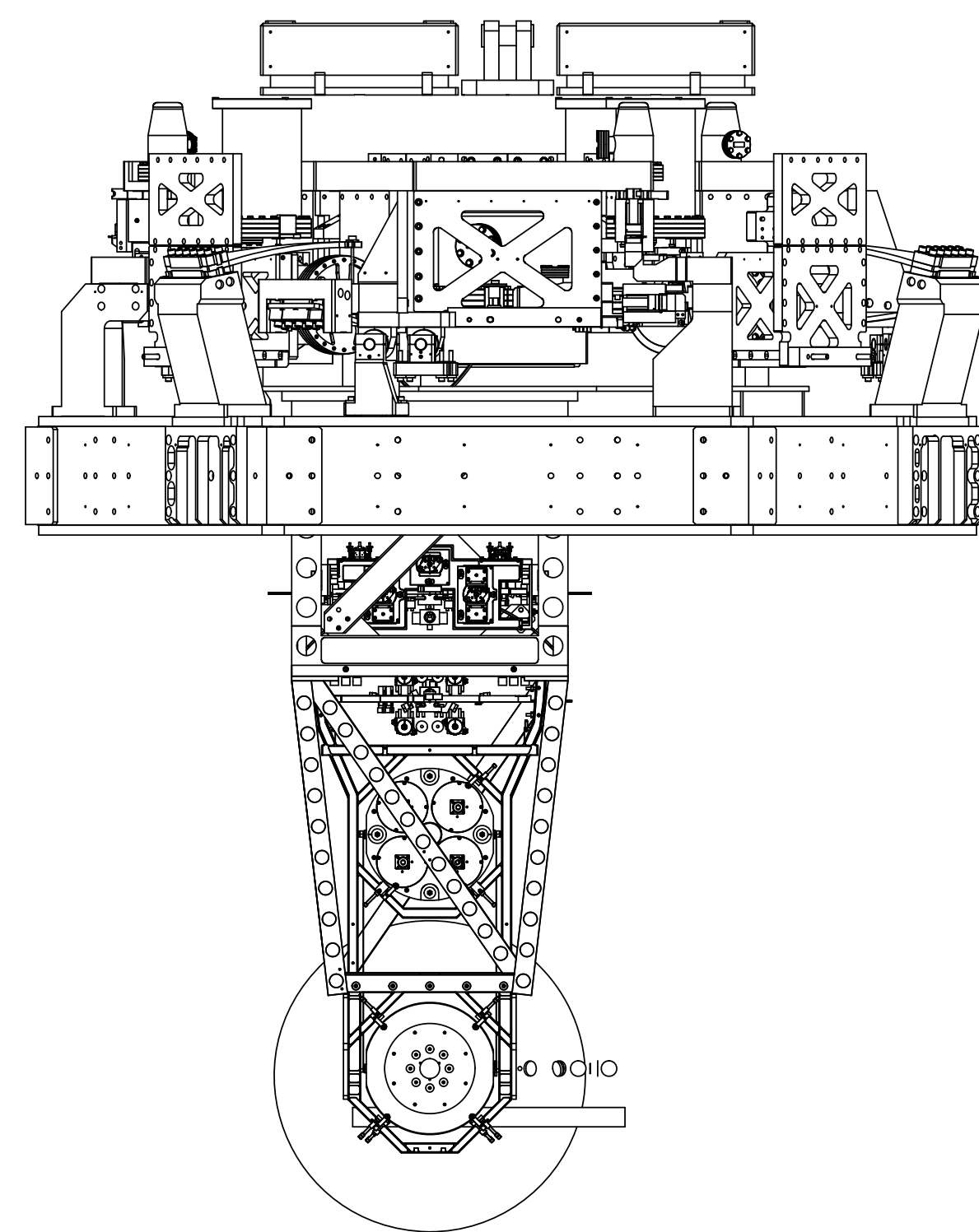
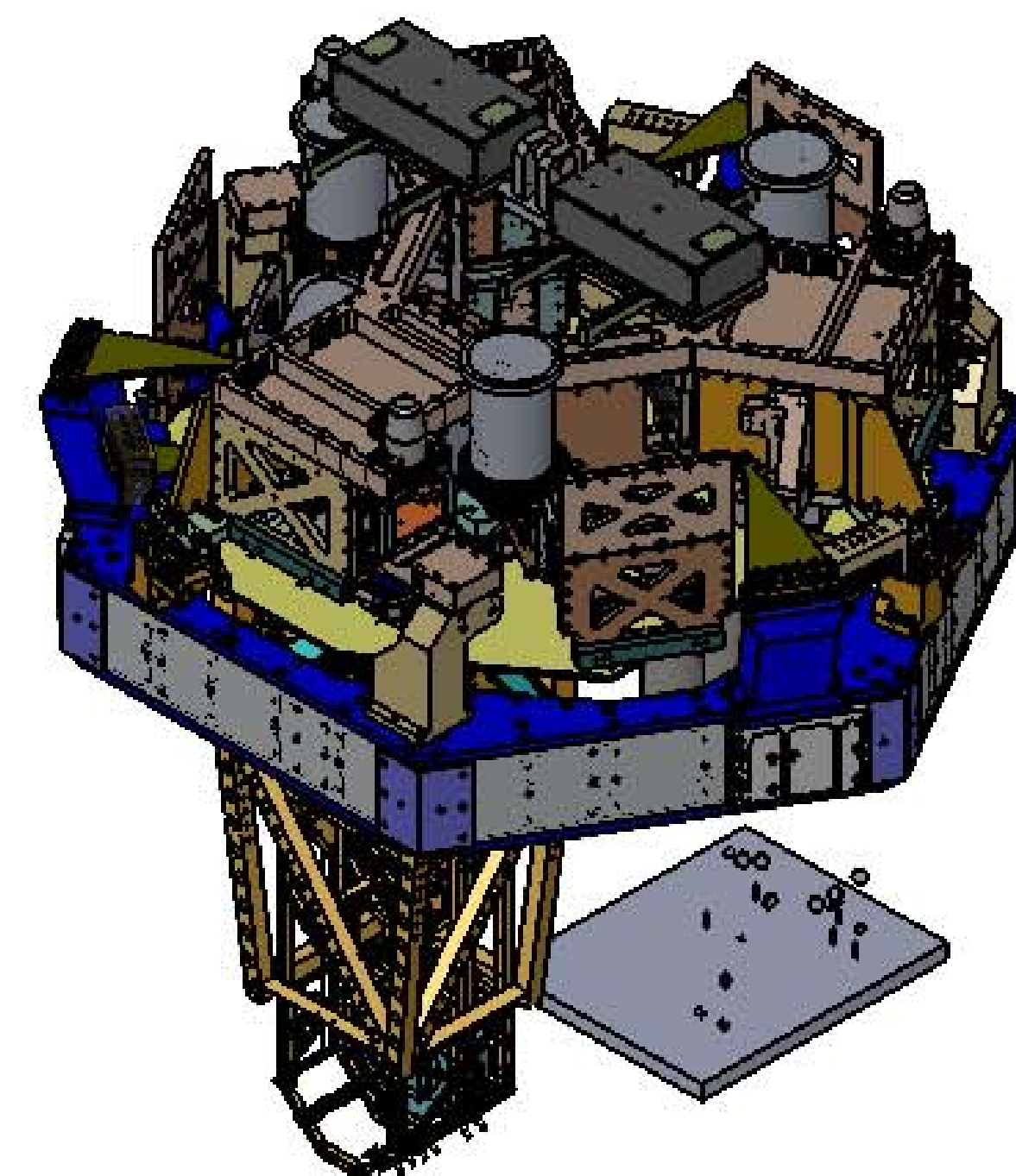
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



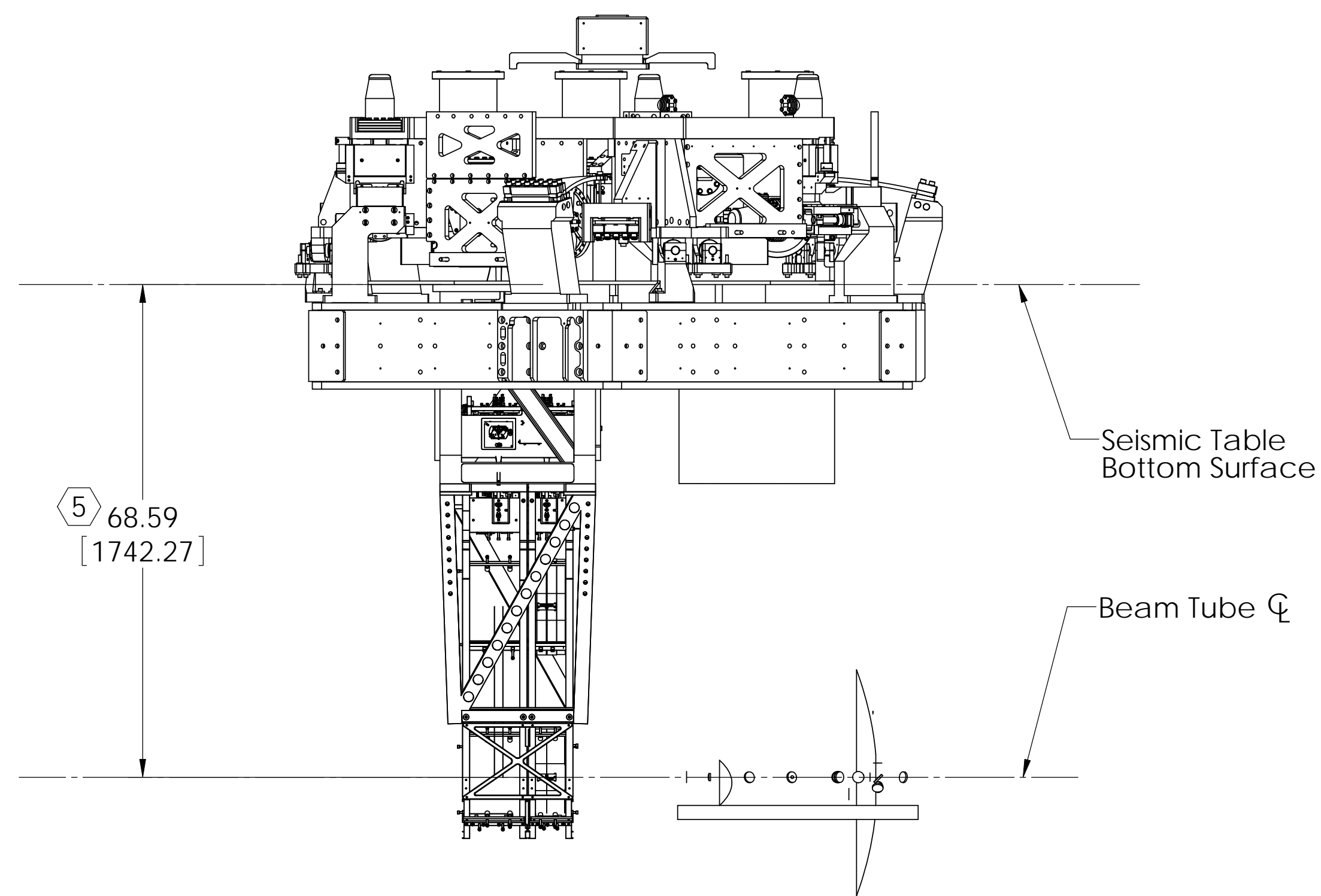
TOP VIEW



BOTTOM VIEW



FRONT VIEW



RIGHT SIDE VIEW

BSC5-L1	
GLOBAL COORDINATES (mm)	
X	0.0
Y	4000000.0
Z	0.0

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005	
ANGULAR ± 0.5°	
MATERIAL	FINISH
--	-- μinch

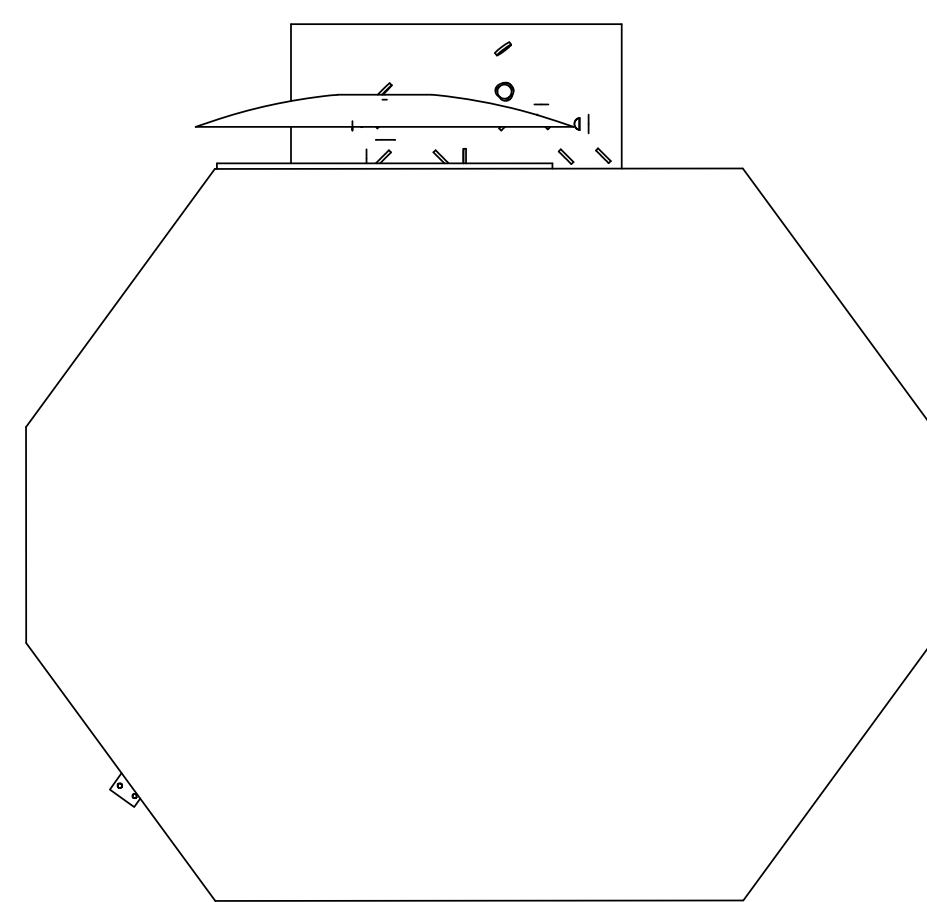
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	SUS
NEXT ASSY	

PART NAME		BSC5-L1 Top Level Chamber Assembly, Fully Defined	
DESIGNER	ED CHAVEZ	DATE	27 JUL 2009
CHECKER		SCALE	1:32
APPROVAL		PROJECTION	
SIZE	DWG. NO.	REV.	
D	D0900506	v2	
SCALE: 1:32		PROJECTION:	
		SHEET 2 OF 4	

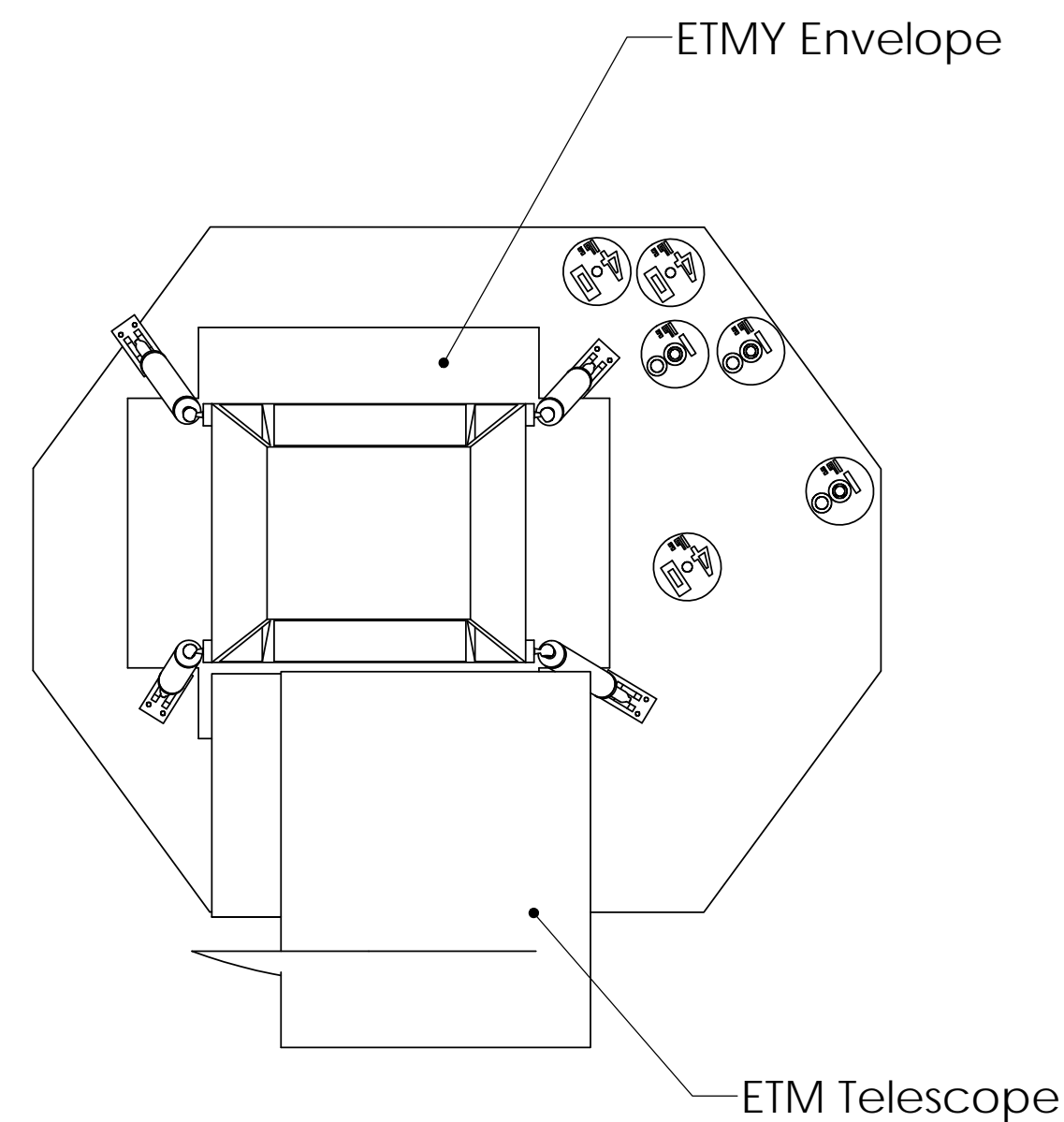
D0900506 BSC5-L1 Top Level Chamber Assembly, Complicated II, PART PDM REV: X-006, DRAWING PDM REV:

NOTES CONTINUED:
 (5) Reference DCC # 1010076-02

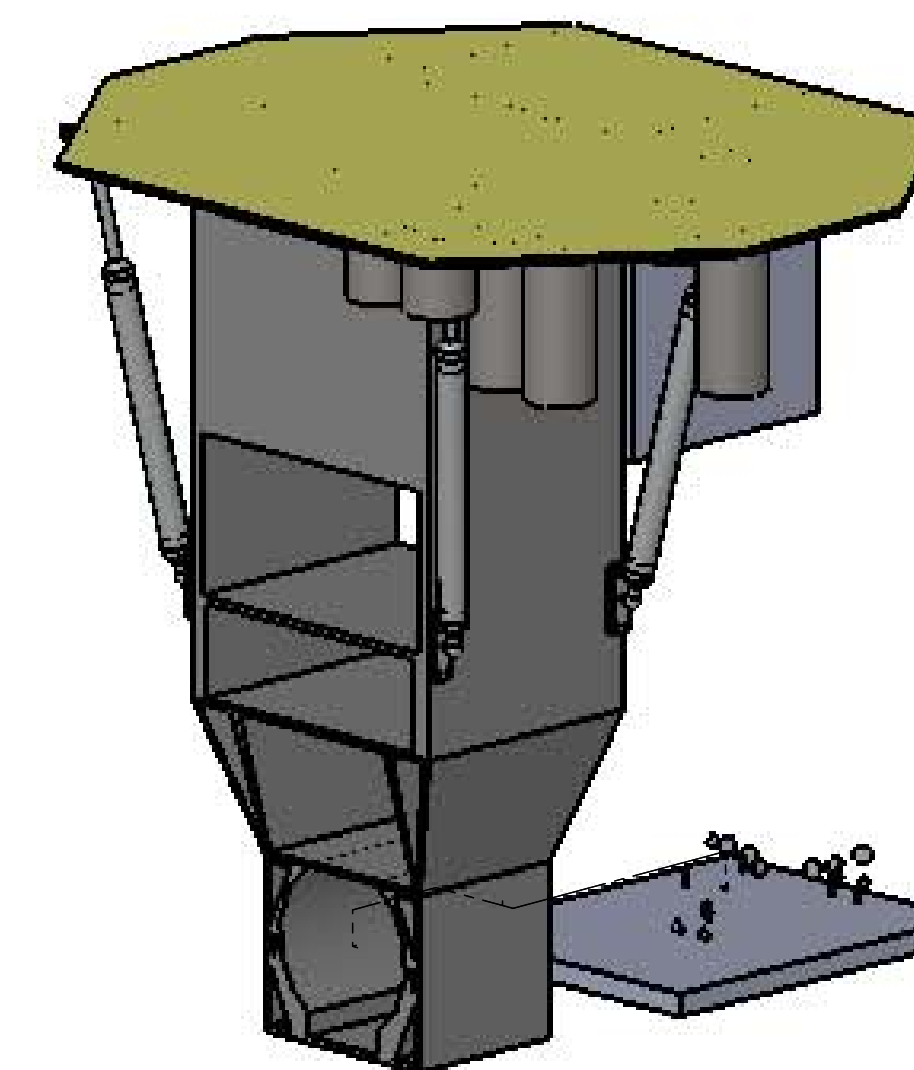
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



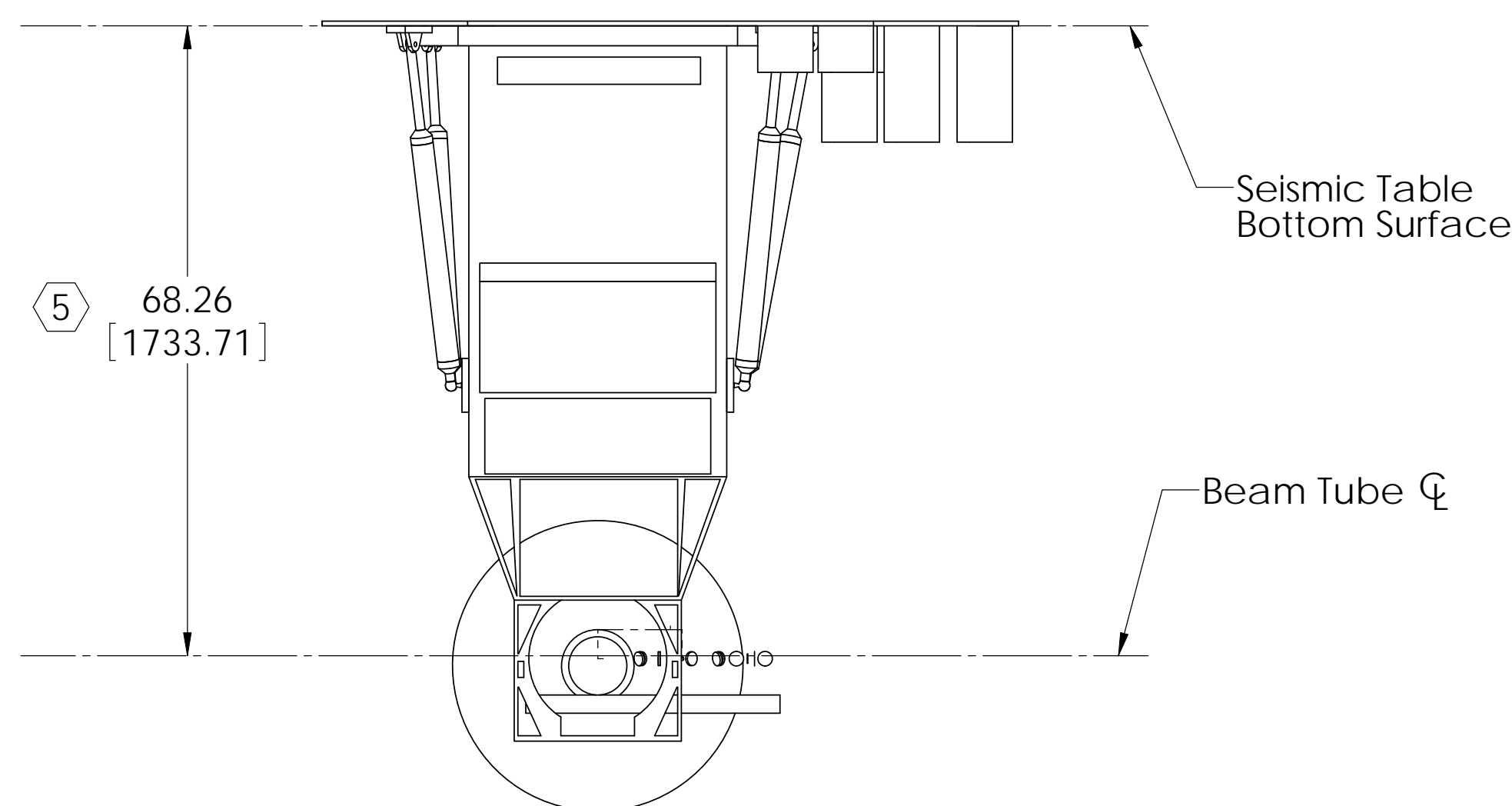
TOP VIEW



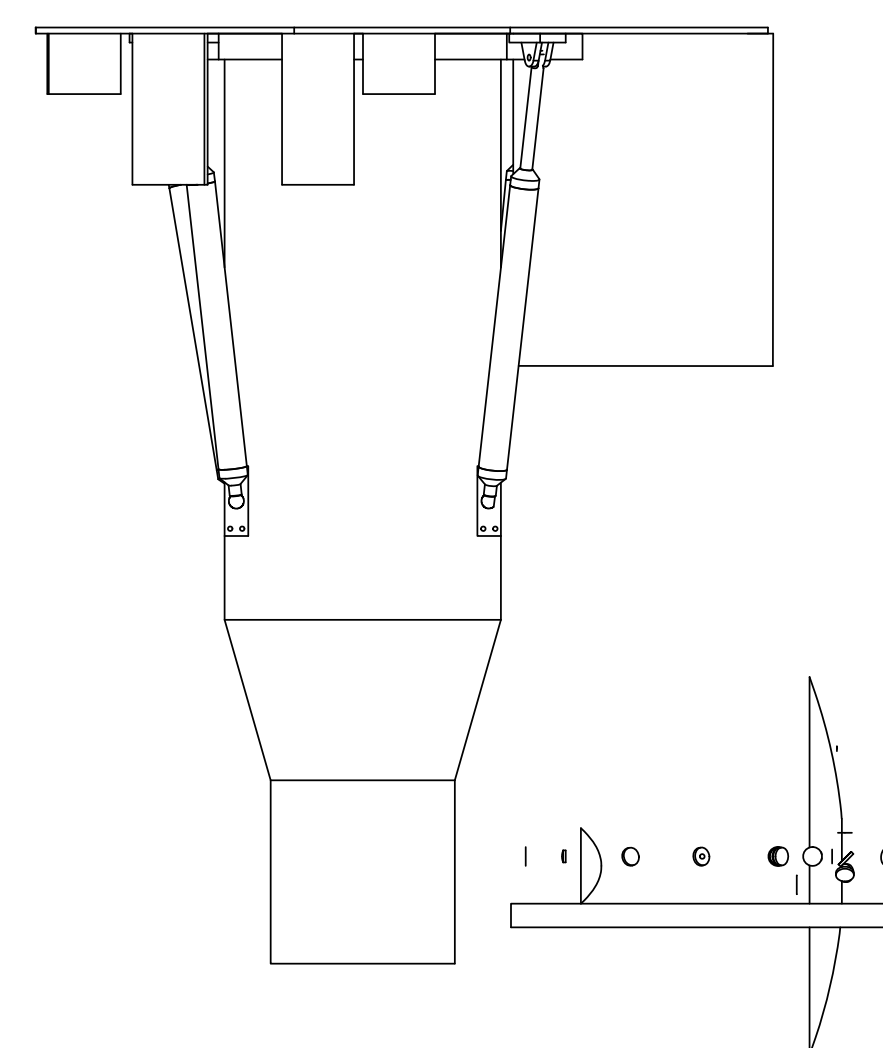
BOTTOM VIEW



**NO SUSPENDED MASS &
NO CHAMBER SHOWN**



FRONT VIEW



RIGHT SIDE VIEW

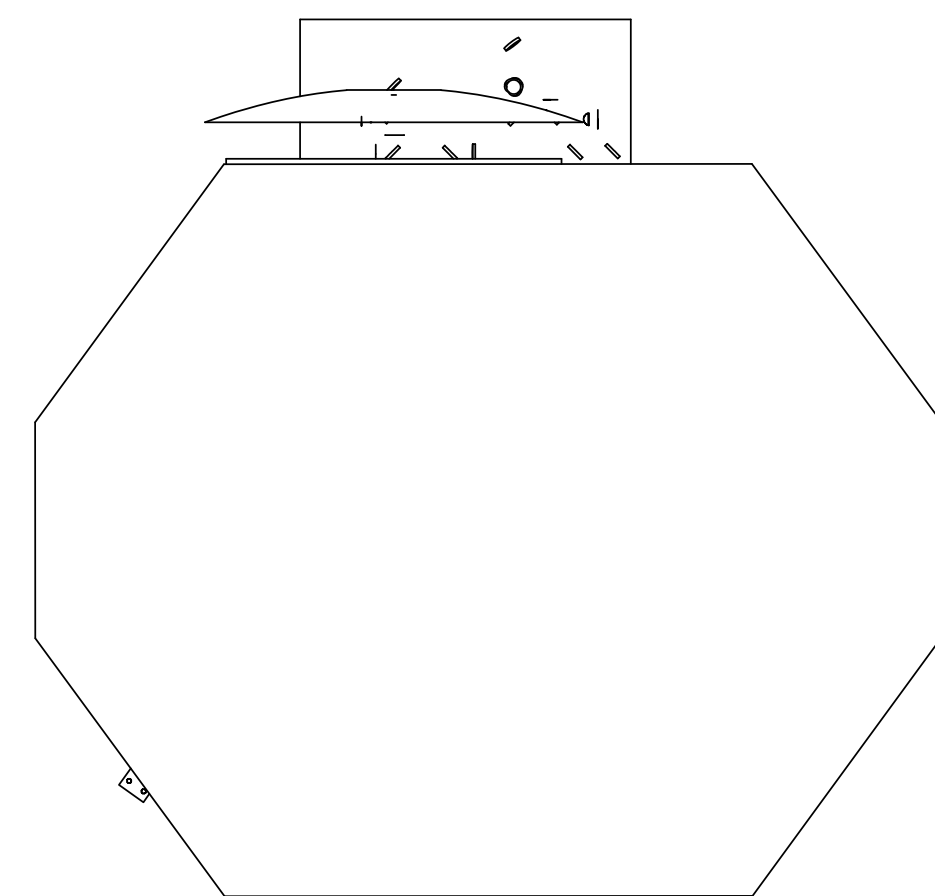
BSC5-L1	
CofG COORDINATES (mm)	
X	89.1
Y	43.1
Z	1286.5
TABLE MASS W/NO SUS-MASS TOTAL	547.58

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.		BSC5-L1 Top Level Chamber Assembly, Simplified	
						SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS	
MATERIAL: --				FINISH: -- μinch		DESIGNER:	SIZE: D
NEXT ASSY:				CHECKER:		ED CHAVEZ	DWG. NO.: D0900506
				APPROVAL:		27 JUL 2009	REV.: v2
				SCALE: 1:24		PROJECTION:	SHEET 3 OF 4

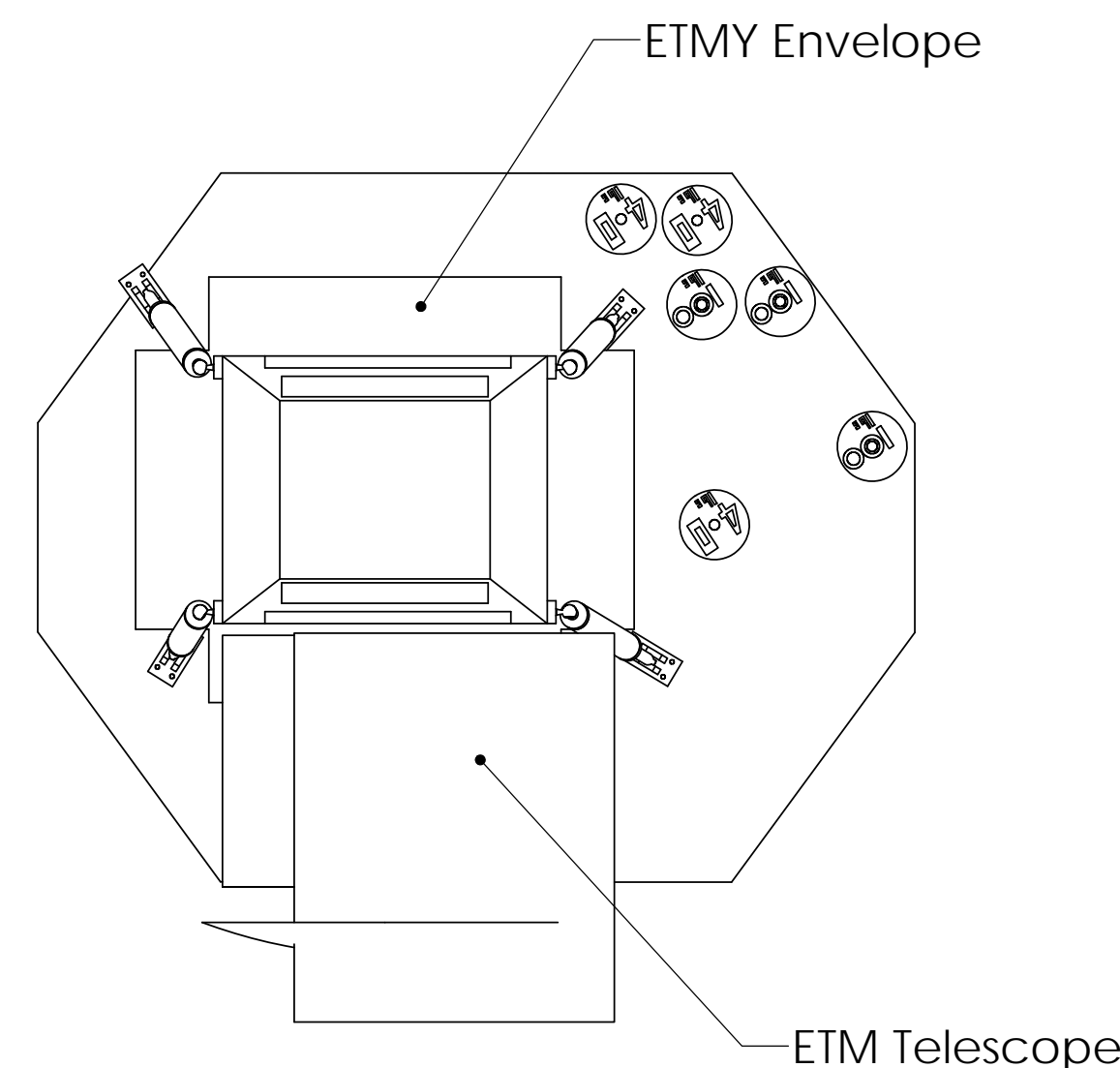
D0900506 BSC5-L1 Top Level Chamber Assembly, Simplified.dwg, PARF PDM REV. 3.006, DRAWING: PDM REV.

NOTES CONTINUED:
 (5) Reference DCC # 1010076-02

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



TOP VIEW



BOTTOM VIEW

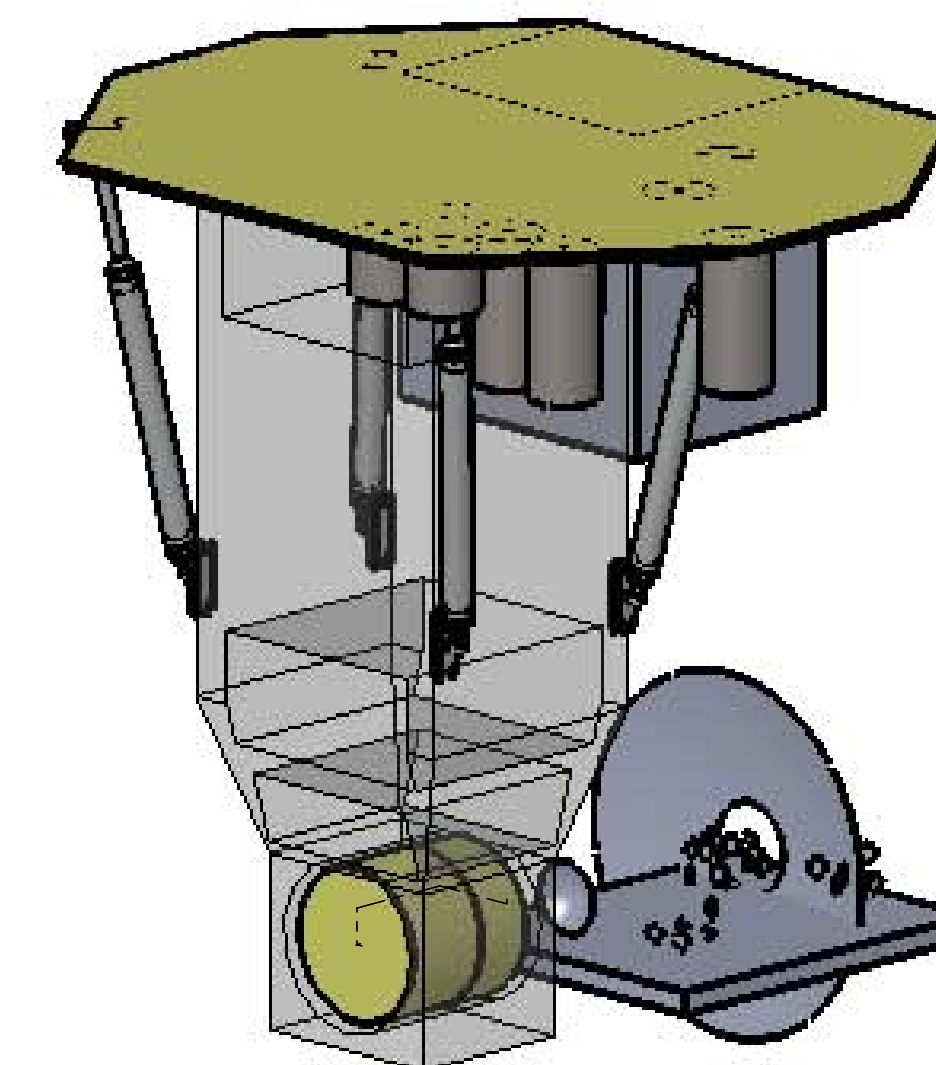
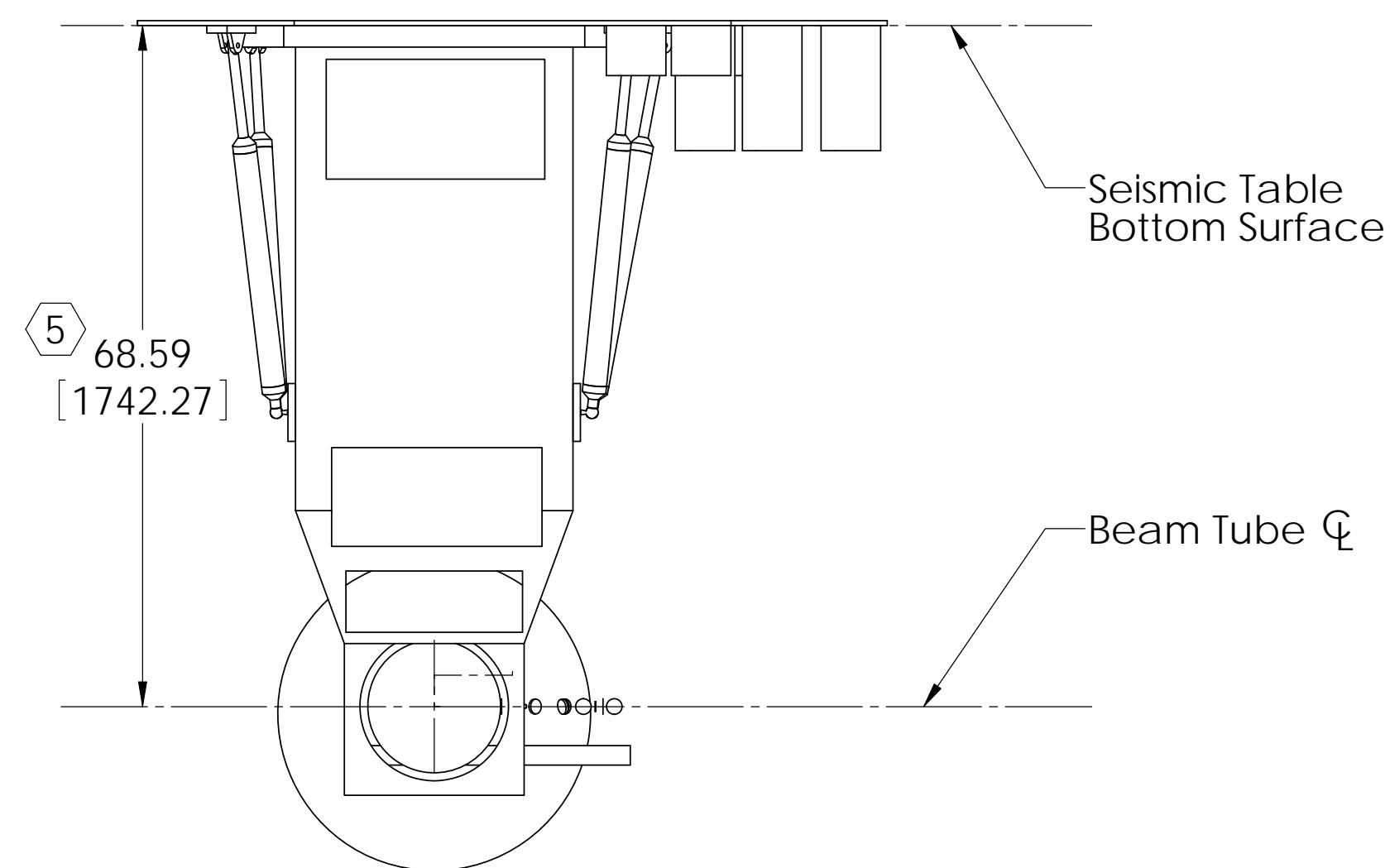
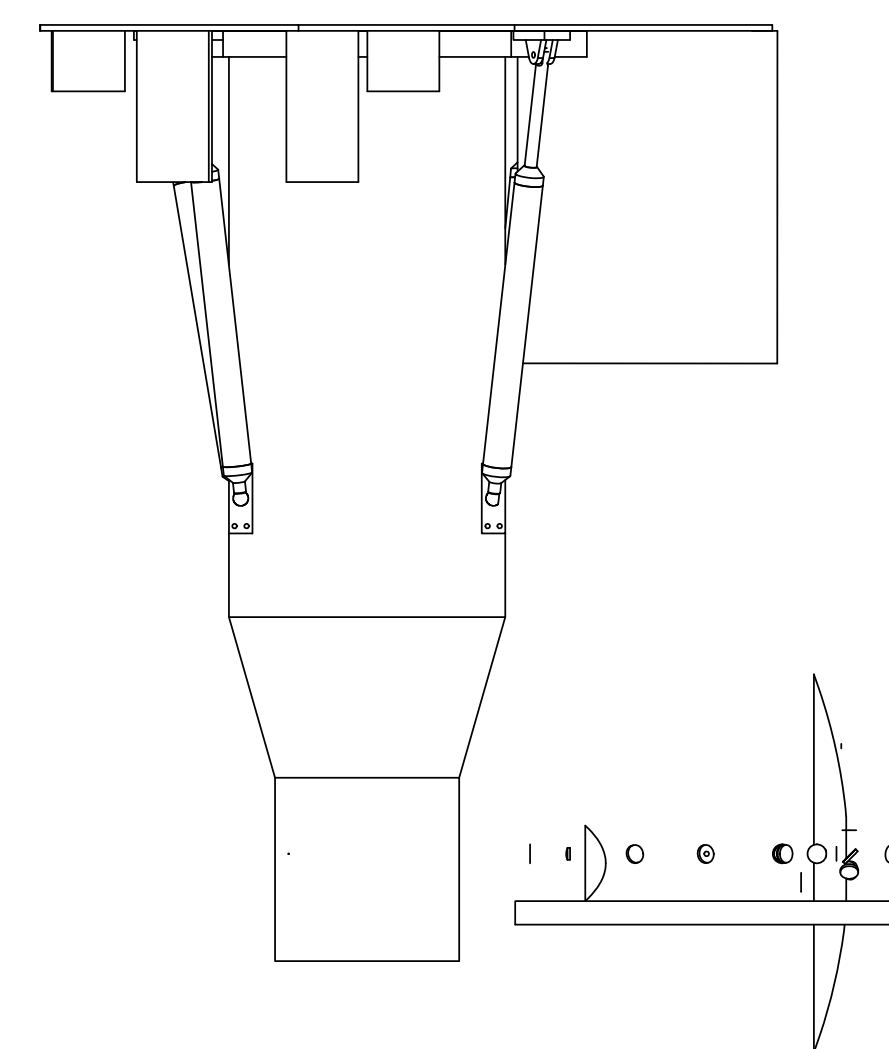


TABLE MASS TOTAL & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC5-L1	
CofG COORDINATES (mm)	
X	-3.24
Y	3.30
Z	1043.45
TABLE MASS TOTAL	801.95

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.		BSC5-L1 Top Level Chamber Assembly, Simplified	
MATERIAL		FINISH		SYSTEM	SUB-SYSTEM	DESIGNER	SIZE
--		-- μinch		ADVANCED LIGO	SUS	ED CHAVEZ	D
NEXT ASSY				DWG. NO.		REV.	
				D0900506		v2	
SCALE: 1:24				PROJECTION:		SHEET 4 OF 4	

D0900506 BSC5-L1 Top Level Chamber Assembly, Simplified.dwg PART PDM REV: X.006 DRAWING PDM REV: 2