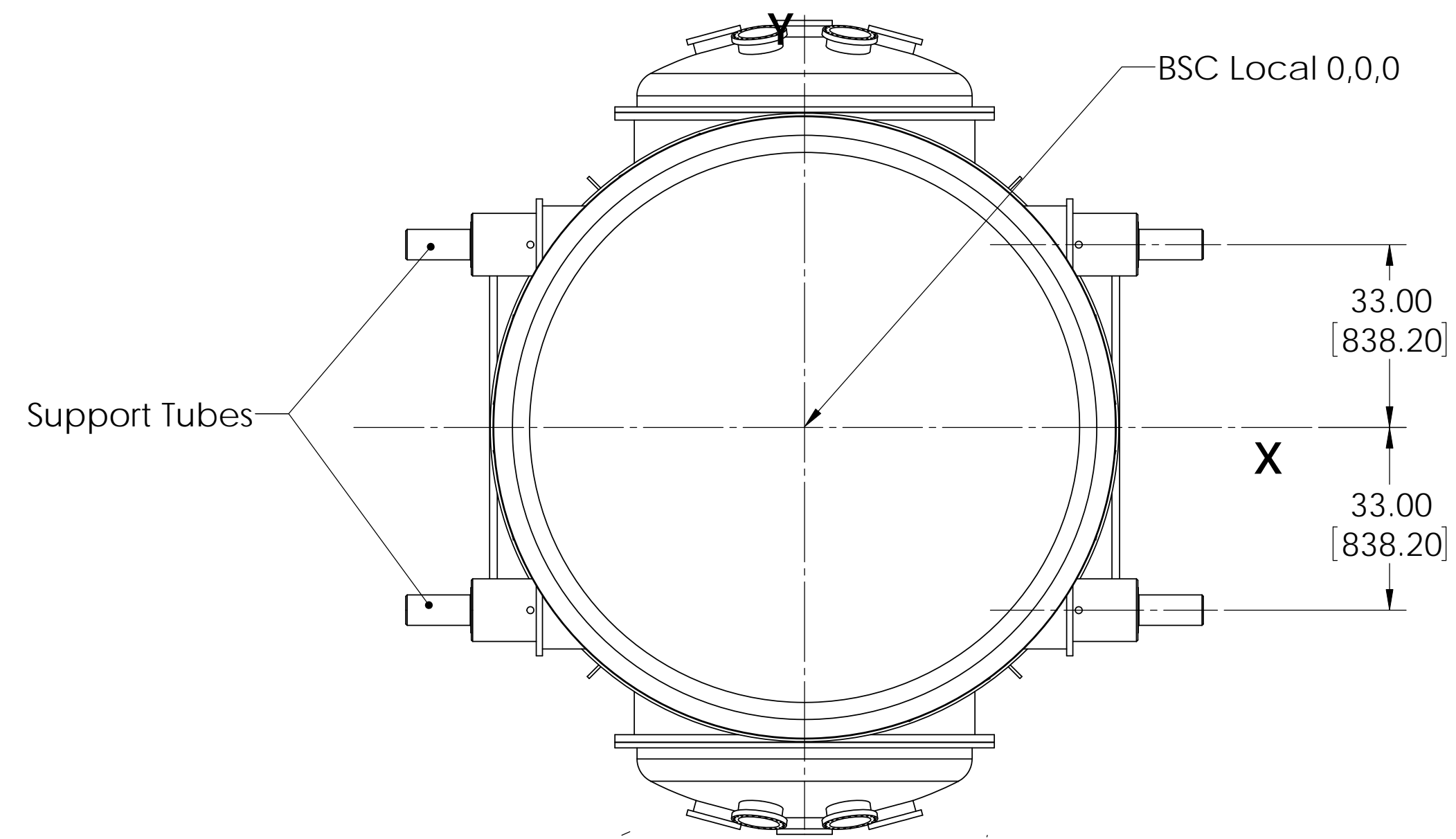
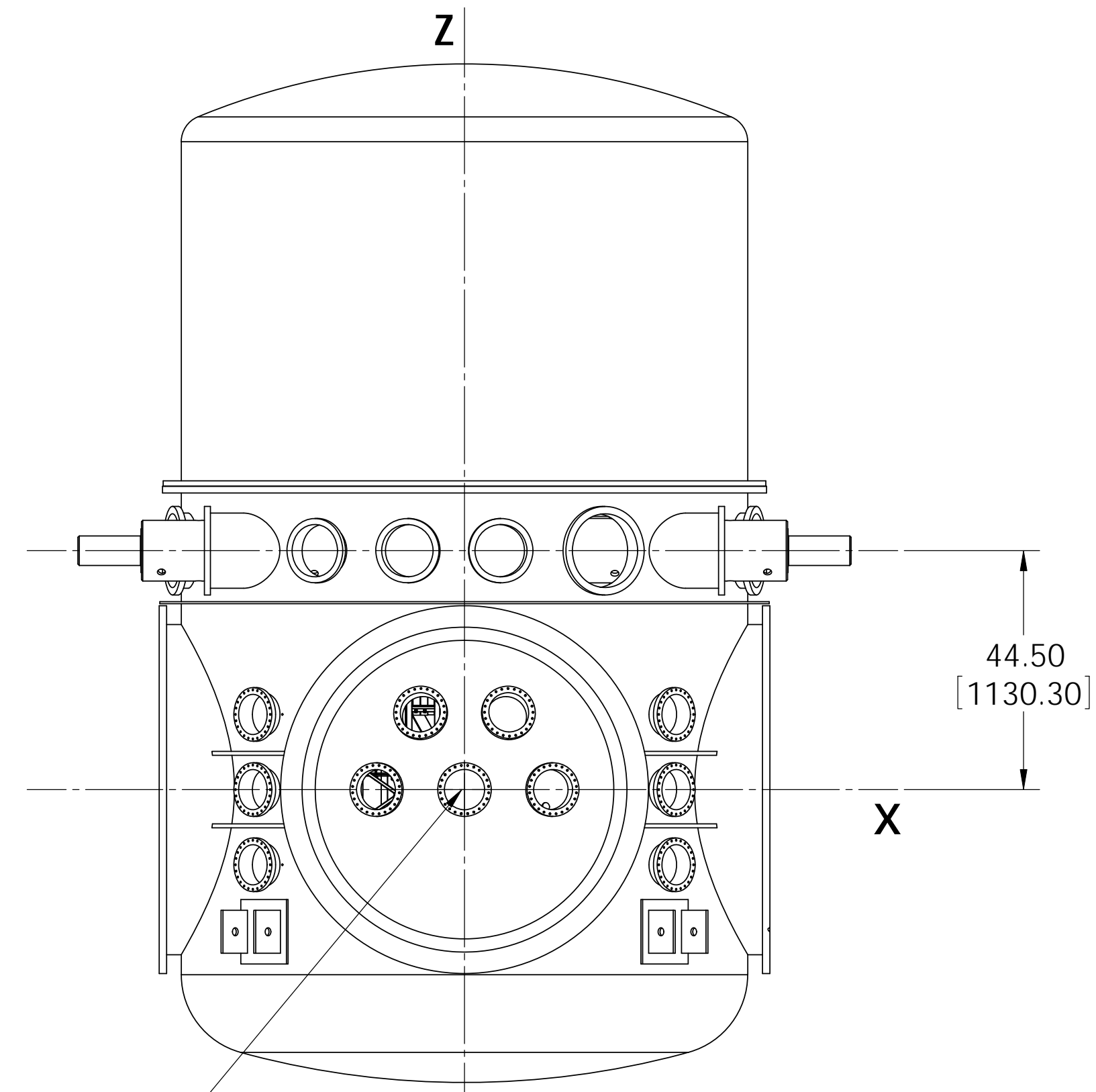


NOTES CONTINUED:
 (5) Reference DCC # 1010076-02

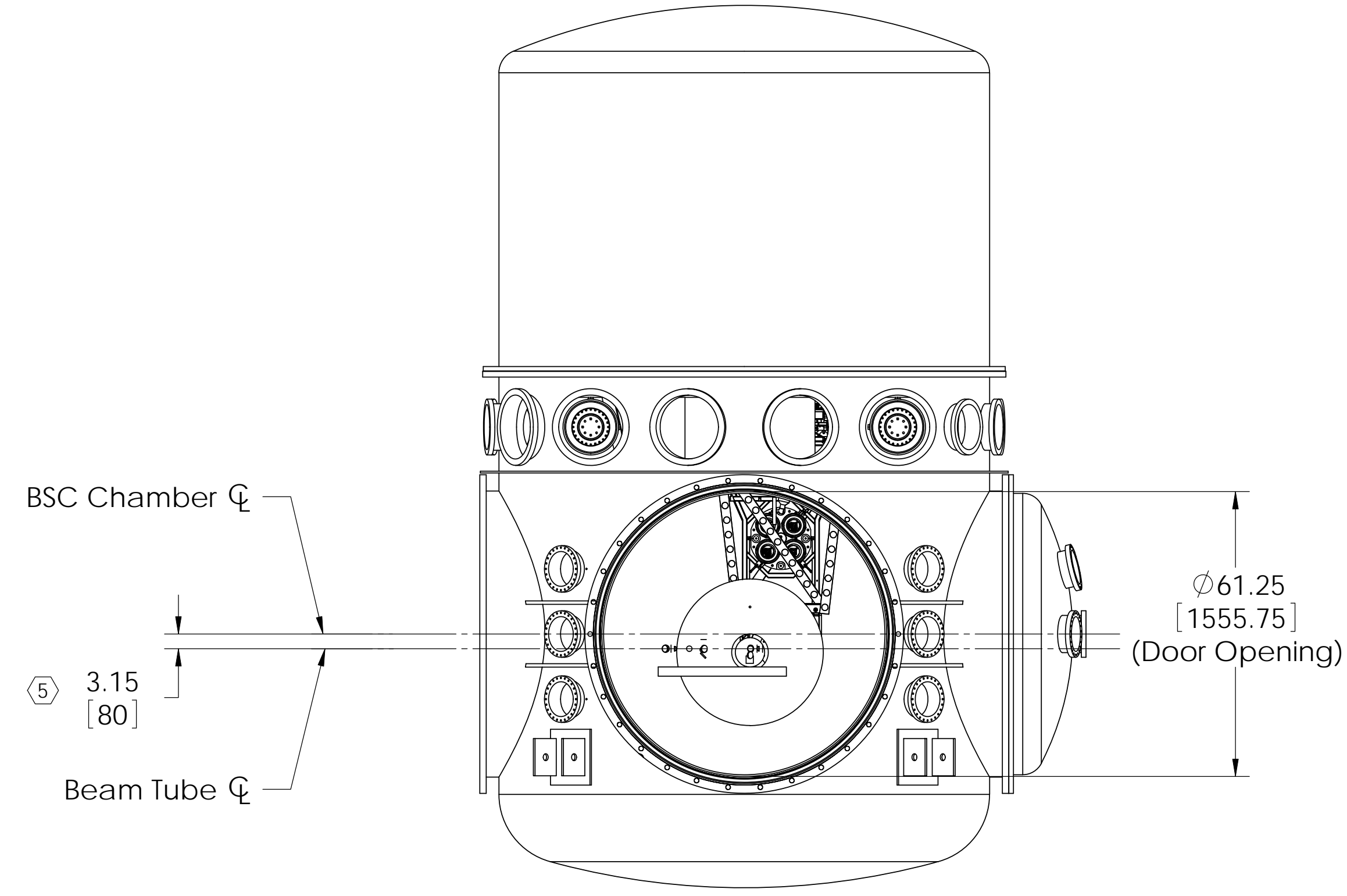
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



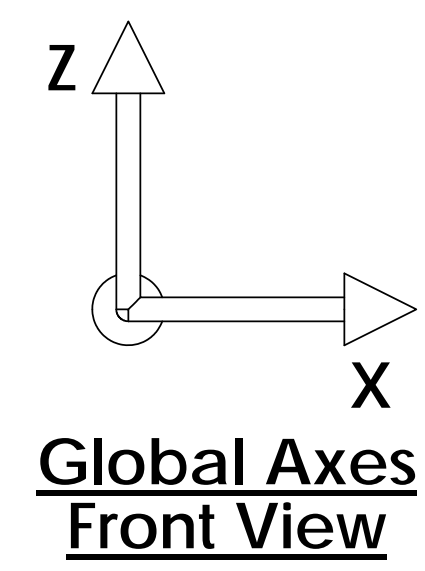
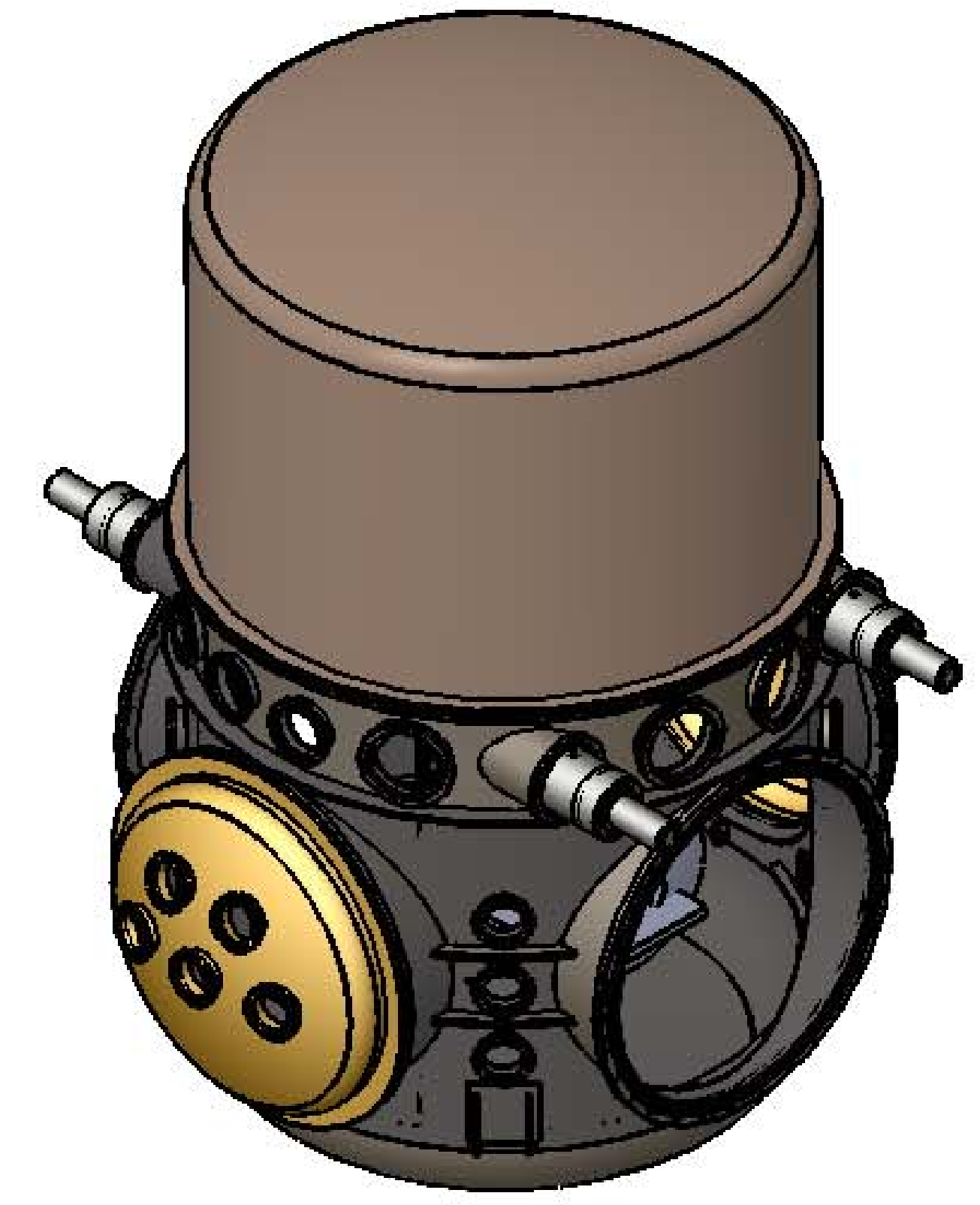
TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW



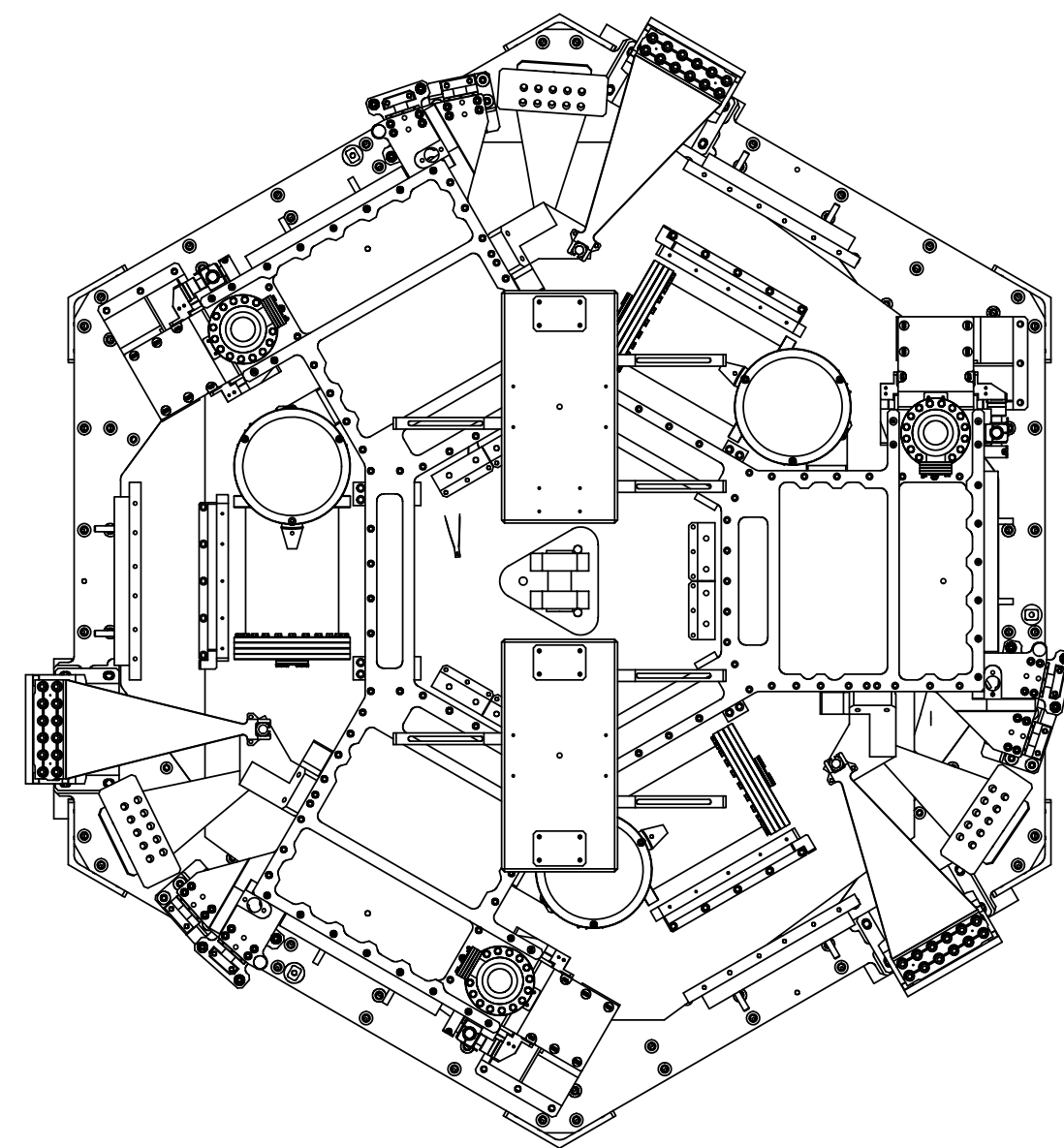
Global Axes Front View

BSC4-L1	
GLOBAL COORDINATES (mm)	
X	4000000.0
Y	0.0
Z	0.0

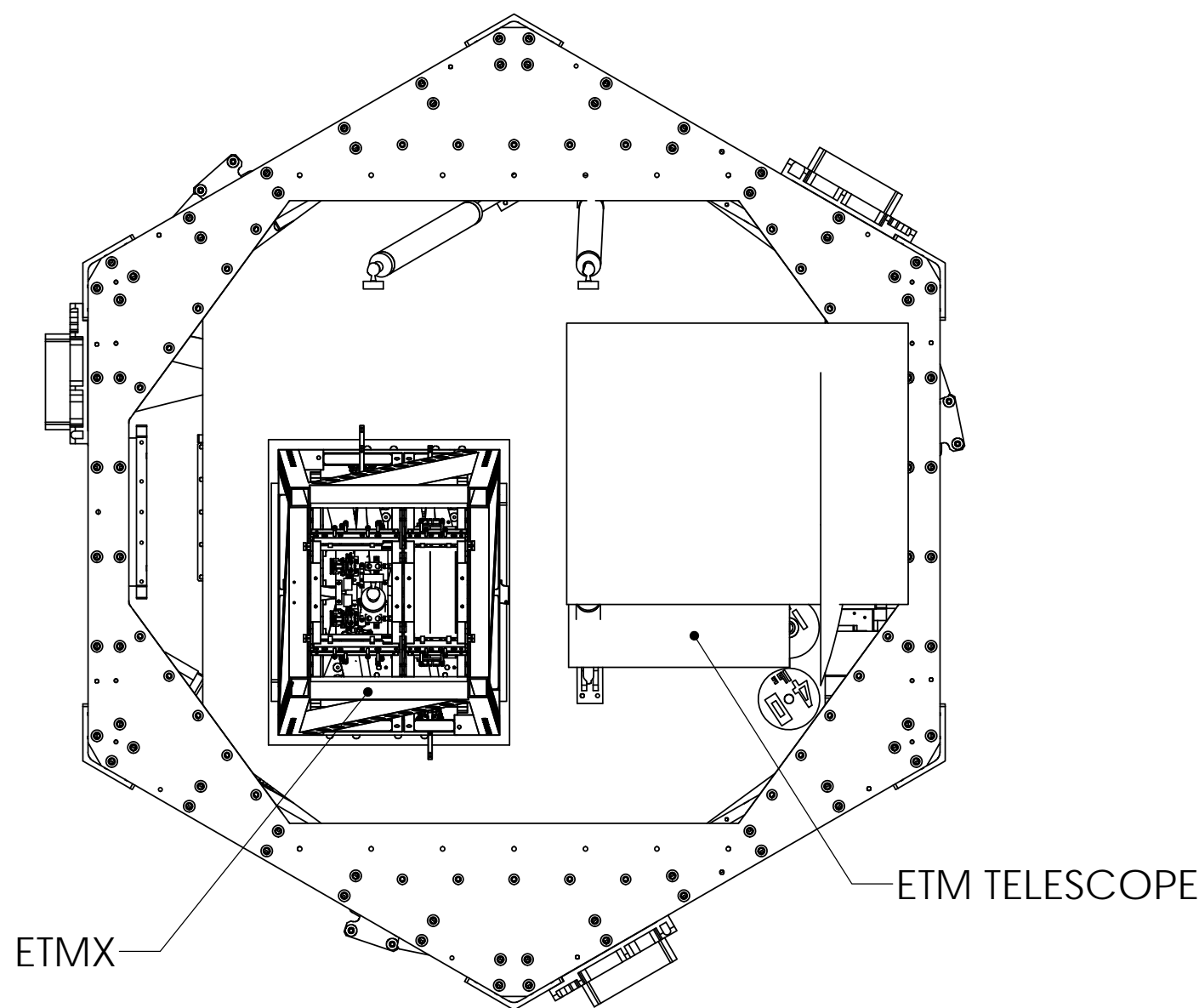
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 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.		BSC4-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		27 JUL 2009	D0900471
				APPROVAL			REV. v2
				SCALE: 1:32		PROJECTION:	
						SHEET 1 OF 4	

NOTES CONTINUED:
 5 Reference DCC # 1010076-02

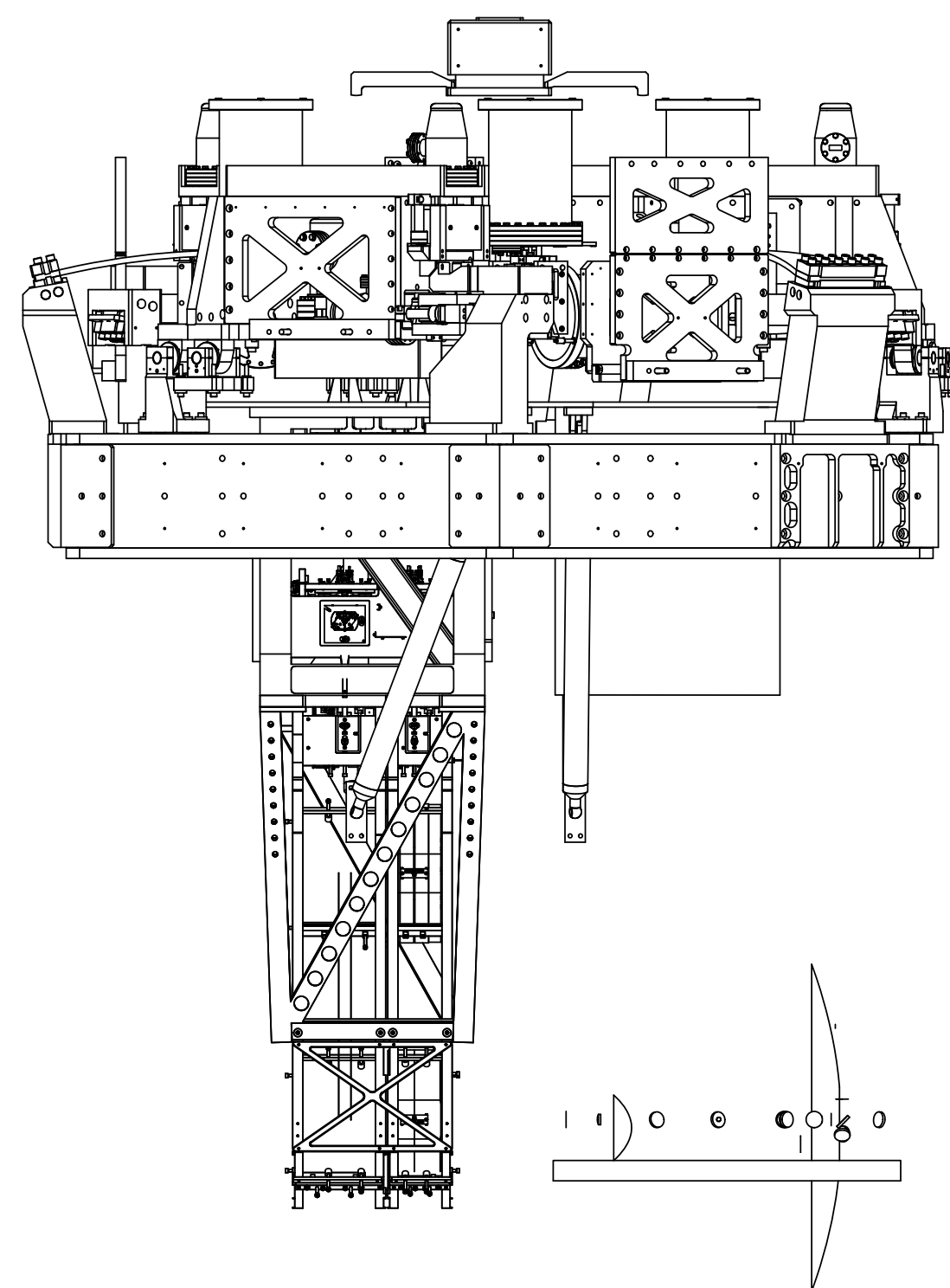
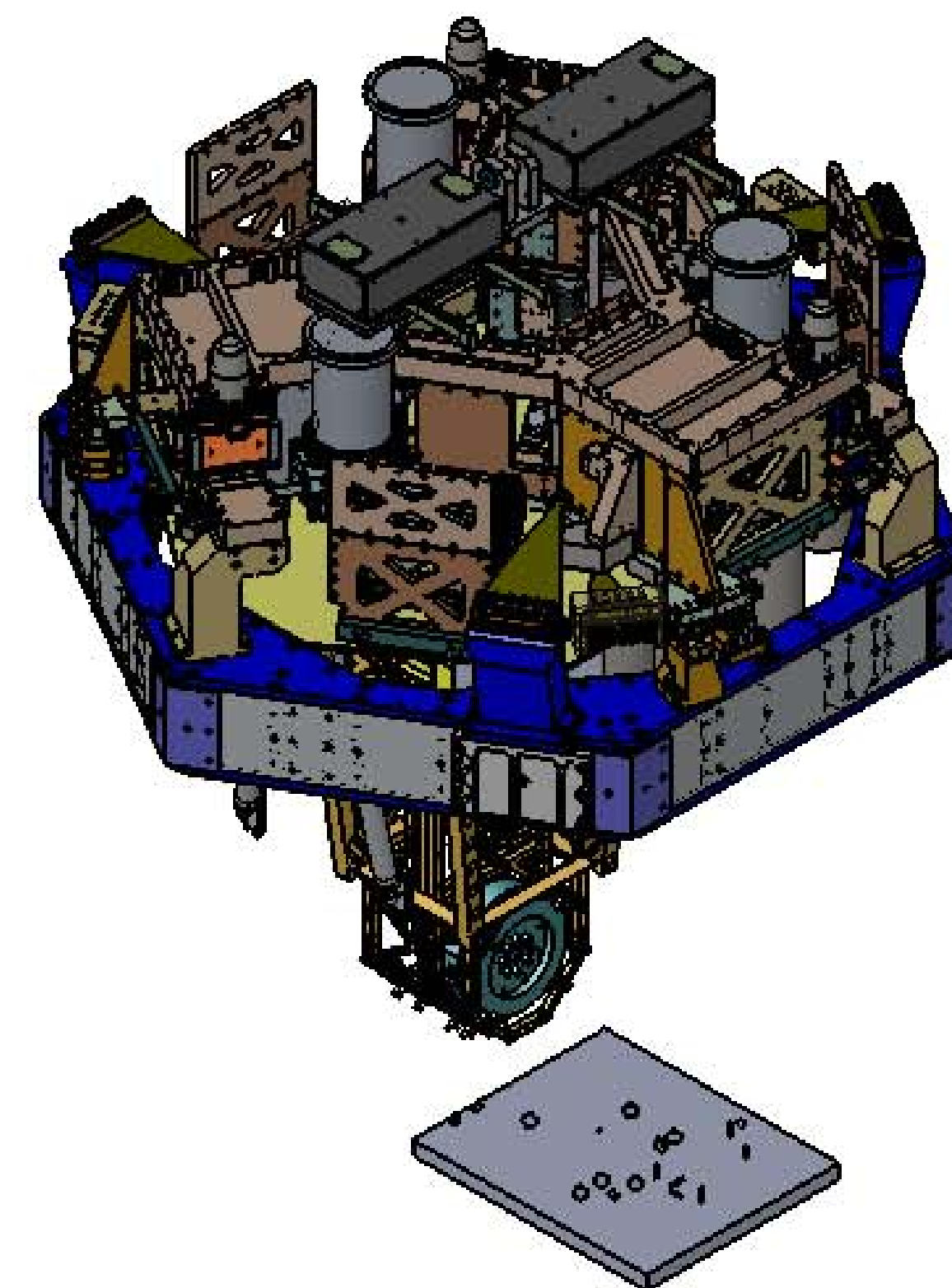
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



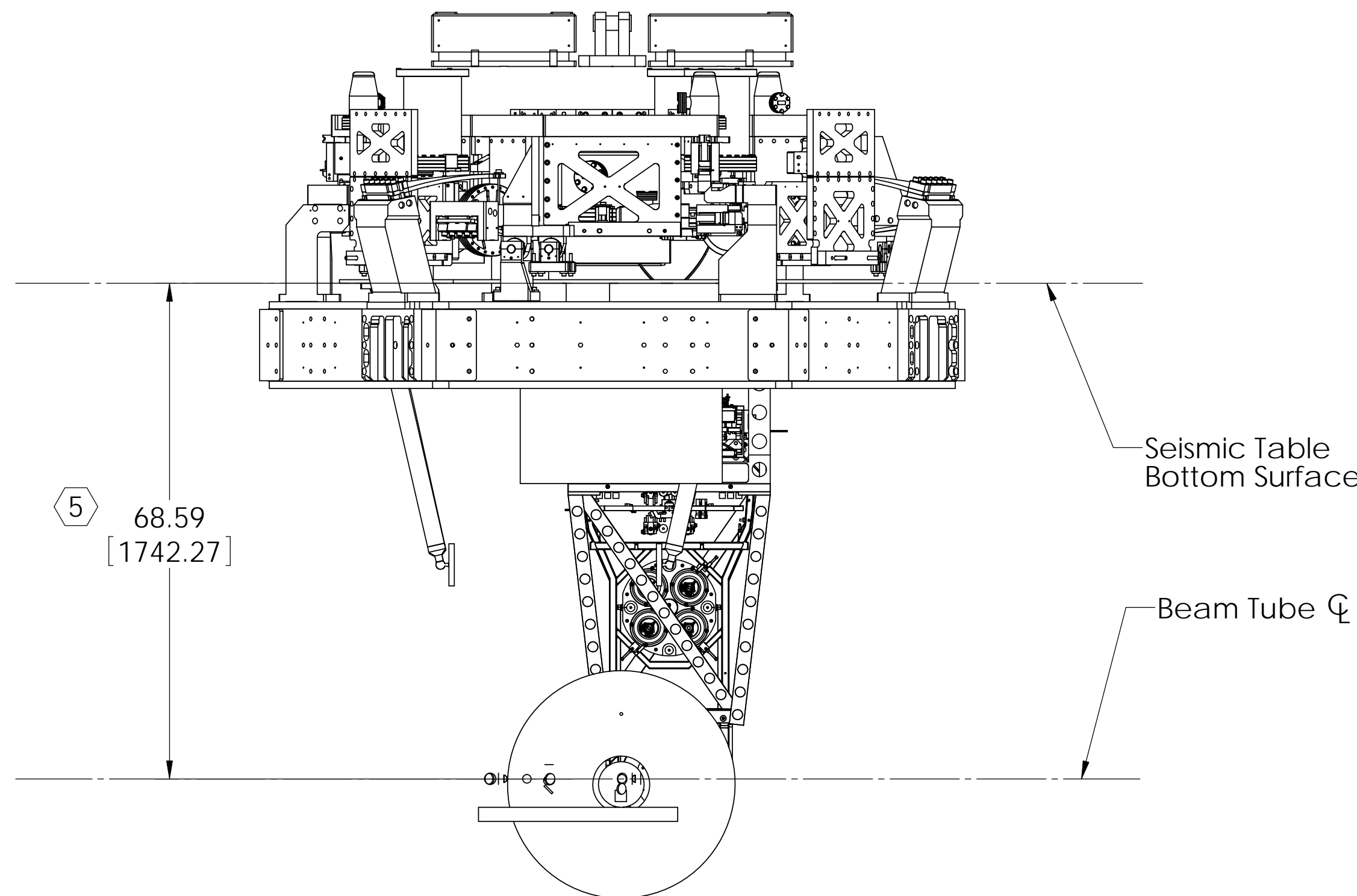
TOP VIEW



BOTTOM VIEW



FRONT VIEW



RIGHT SIDE VIEW

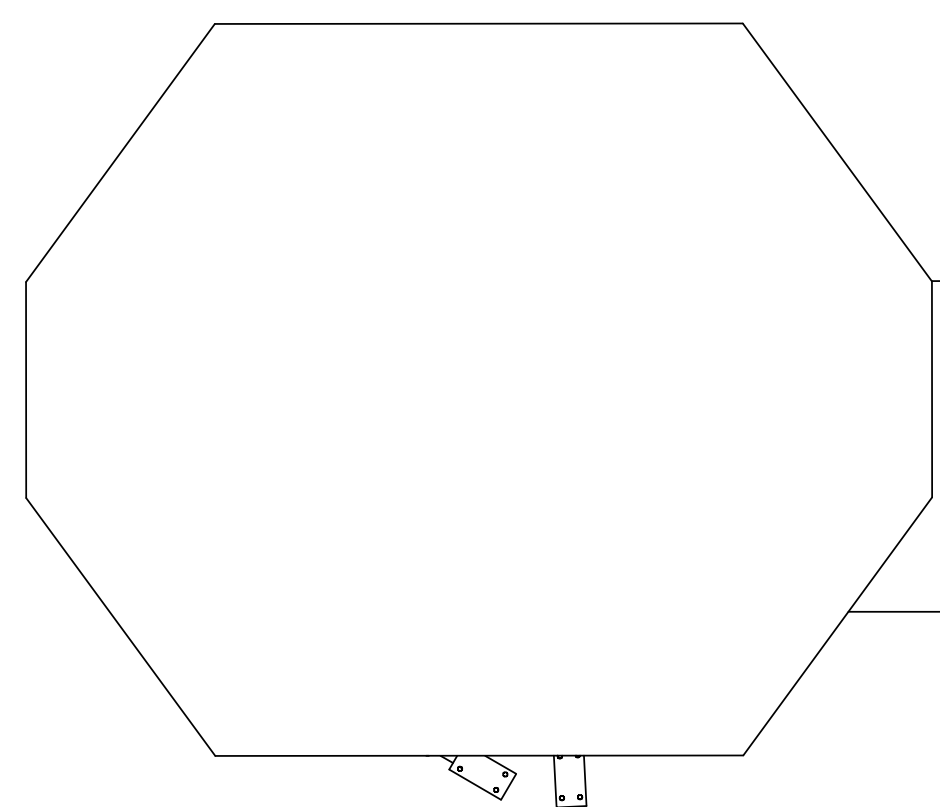
BSC4-L1	
GLOBAL COORDINATES (mm)	
X	4000000.0
Y	0.0
Z	0.0

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
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.				ADVANCED LIGO		BSC4-L1 Top Level Chamber Assembly, Fully Defined	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5°				MATERIAL: -- FINISH: -- μinch		DESIGNER: ED CHAVEZ DRAFTER: ED CHAVEZ CHECKER: APPROVAL:	
				SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS NEXT ASSY:		SIZE: D DWG. NO.: D0900471 REV.: v2	
				SCALE: 1:32 PROJECTION:		SHEET 2 OF 4	

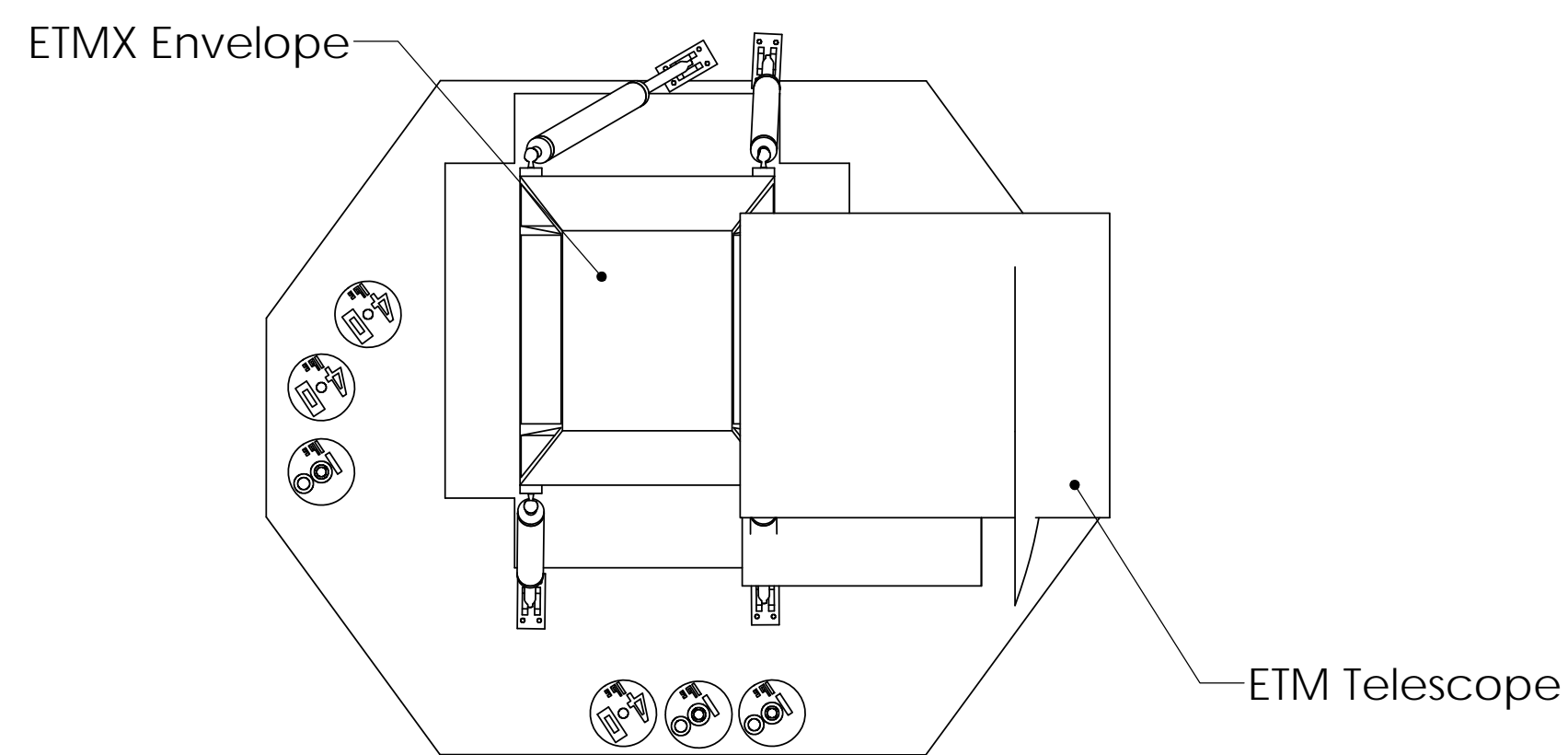
D0900471 BSC4-L1 Top Level Chamber Assembly, Complicated II, PART PDM REV: X-003, DRAWING PDM REV:

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

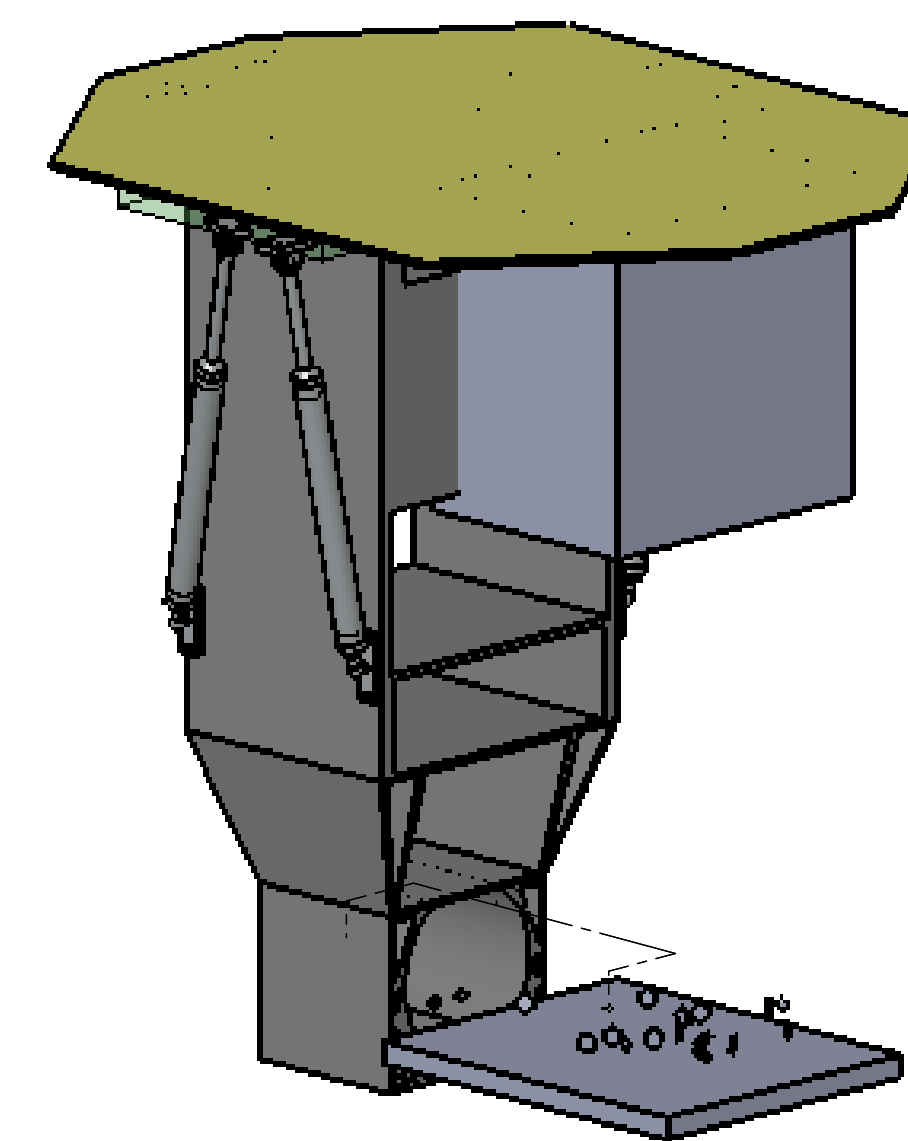
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



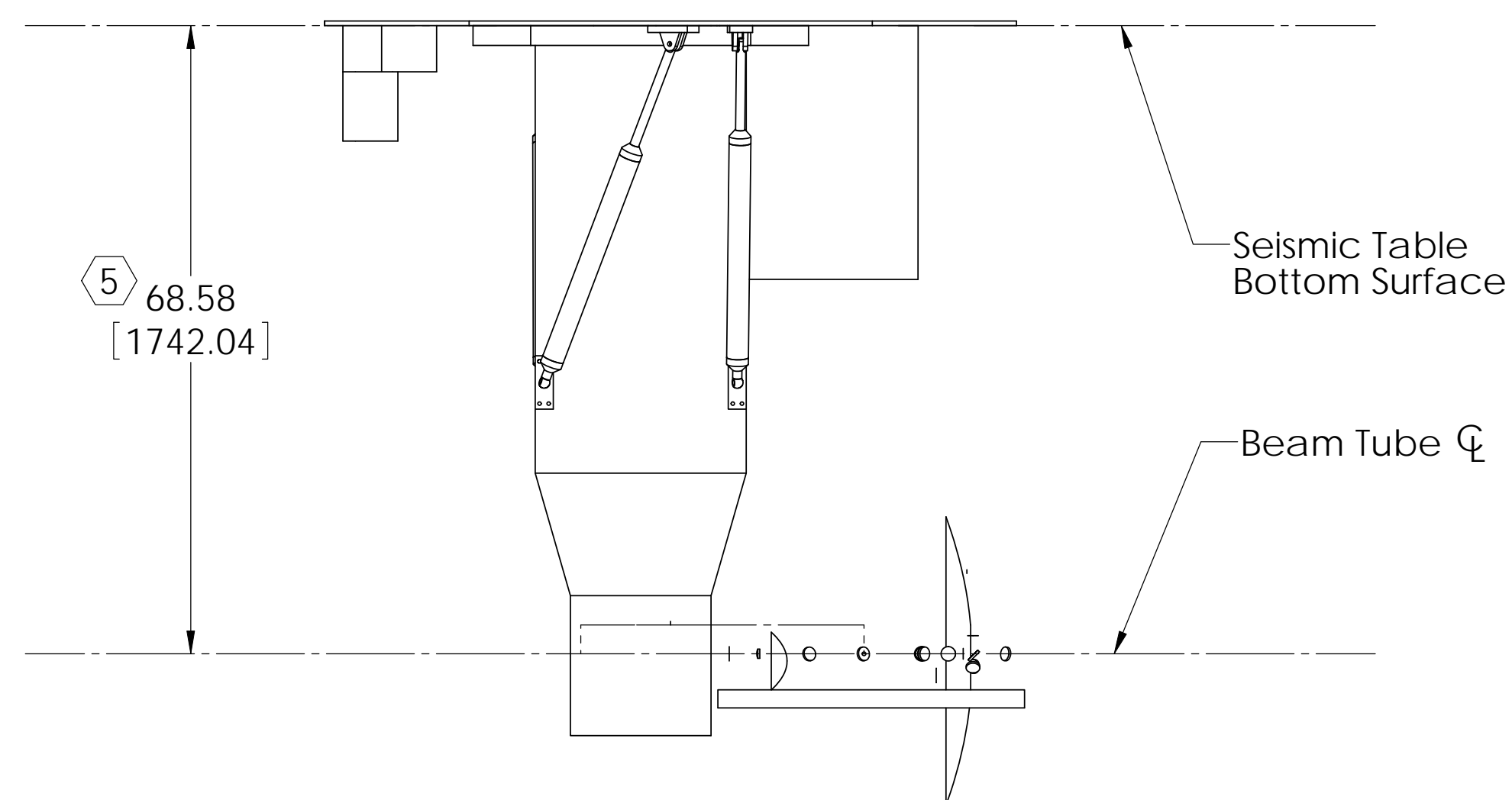
TOP VIEW



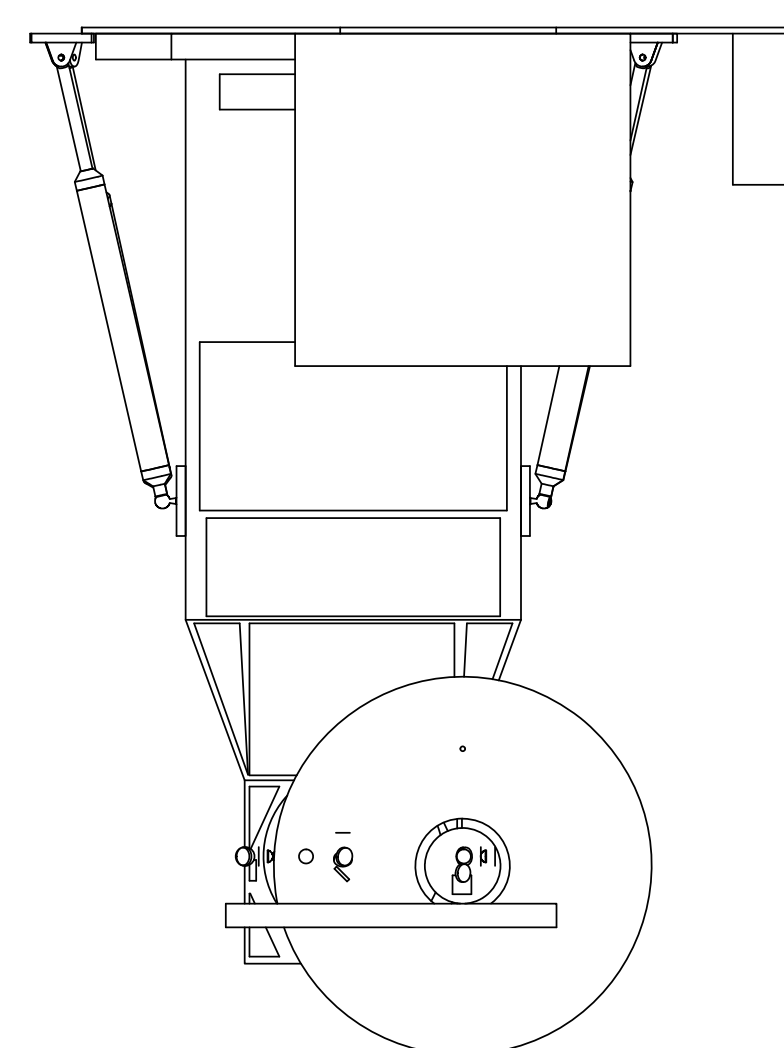
BOTTOM VIEW



**NO SUSPENDED MASS &
NO CHAMBER SHOWN**



FRONT VIEW



RIGHT SIDE VIEW

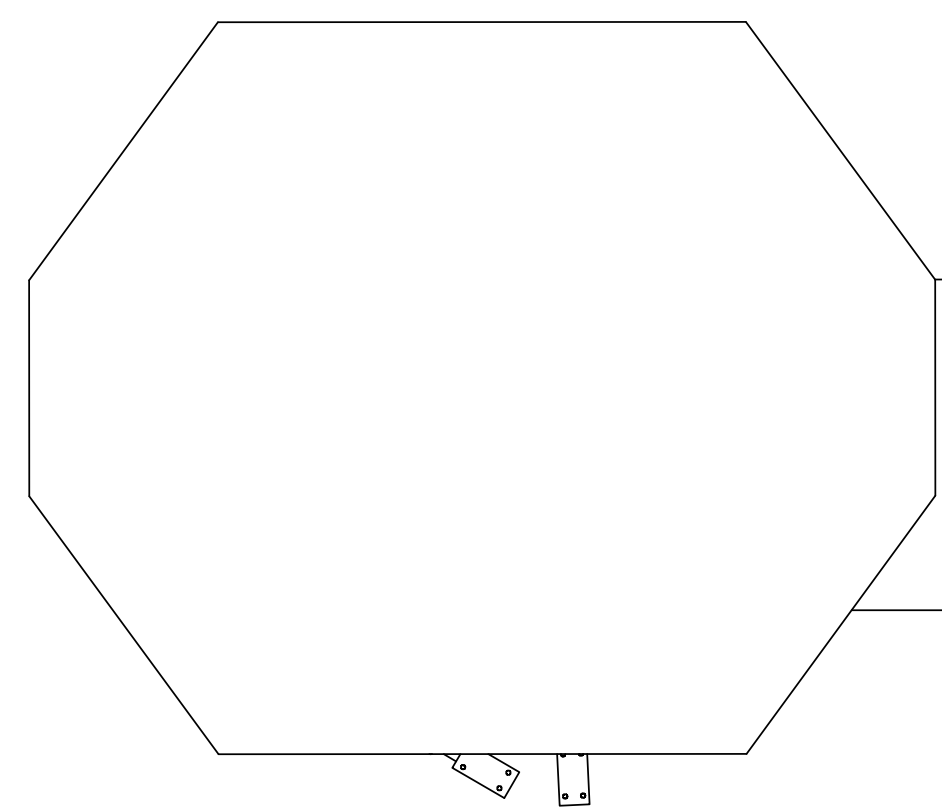
BSC4-L1	
CofG COORDINATES (mm)	
X	41.7
Y	91.9
Z	1286.2
TABLE MASS W/NO SUS-MASS TOTAL	547.58

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.		BSC4-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.	
				D0900471		v2	
				SCALE: 1:24	PROJECTION:	SHEET 3 OF 4	

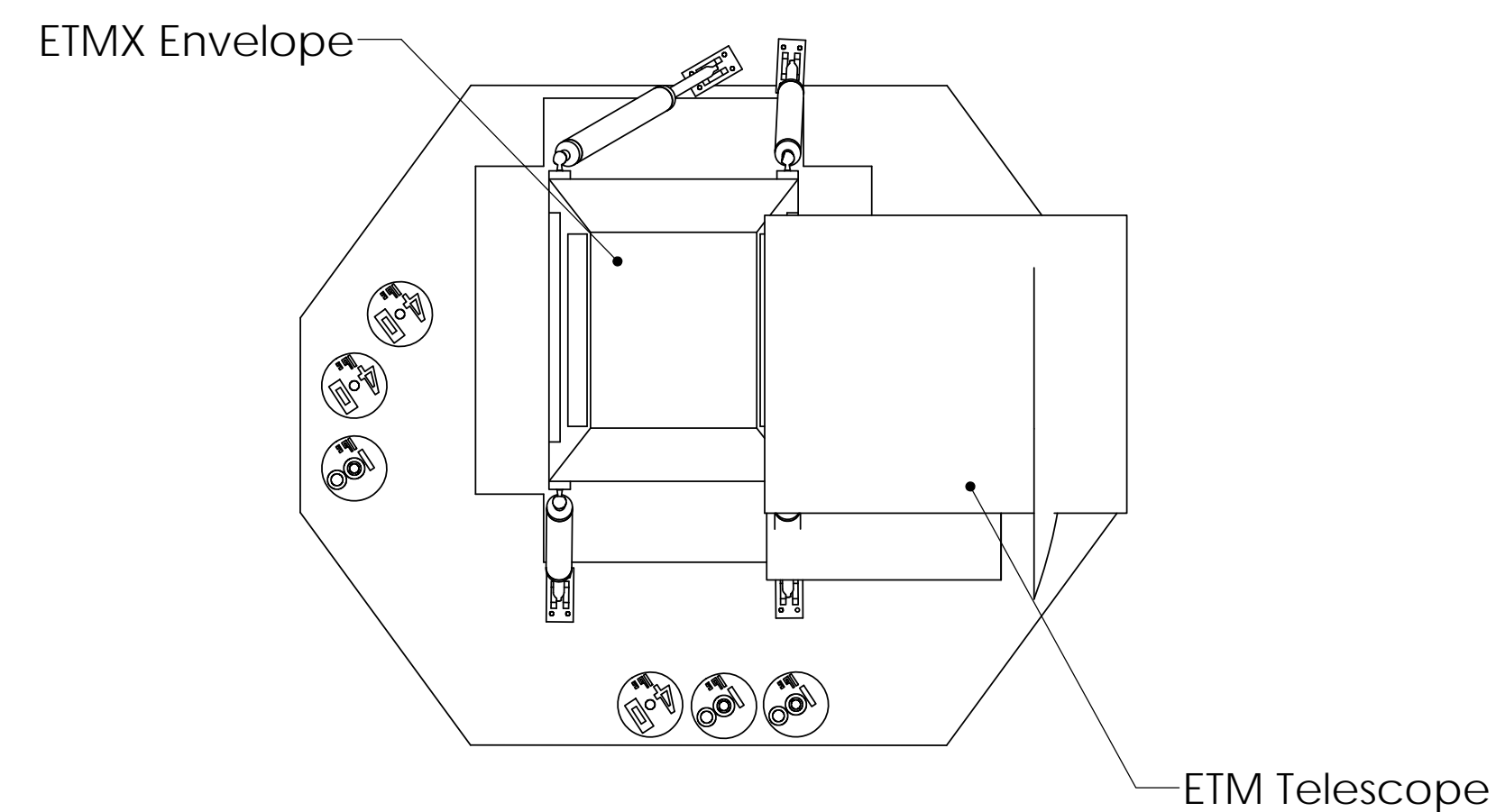
D0900471 BSC4-L1 Top Level Chamber Assembly, Simplified.dwg, PARF PDM/REV: X-003, DRAWING: PDM REV: 1

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

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



TOP VIEW



BOTTOM VIEW

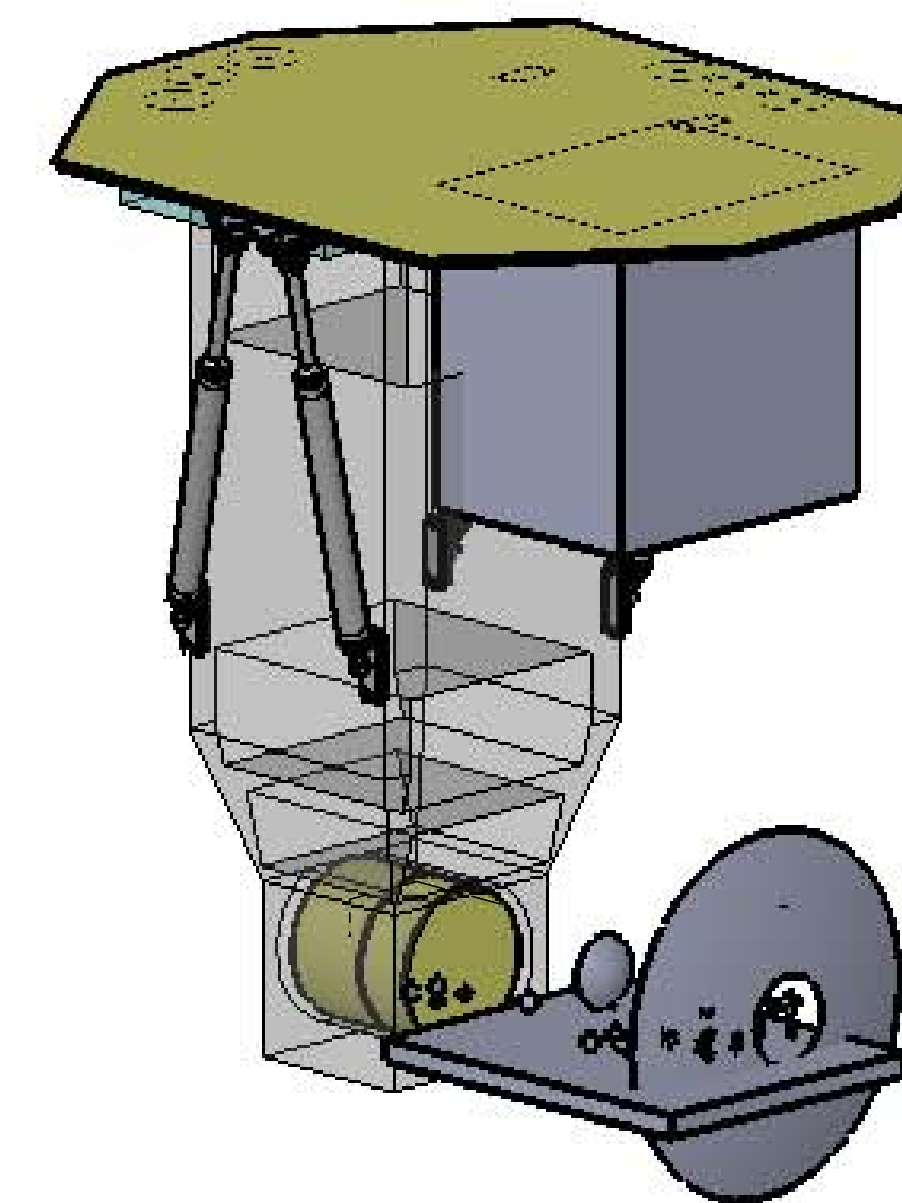
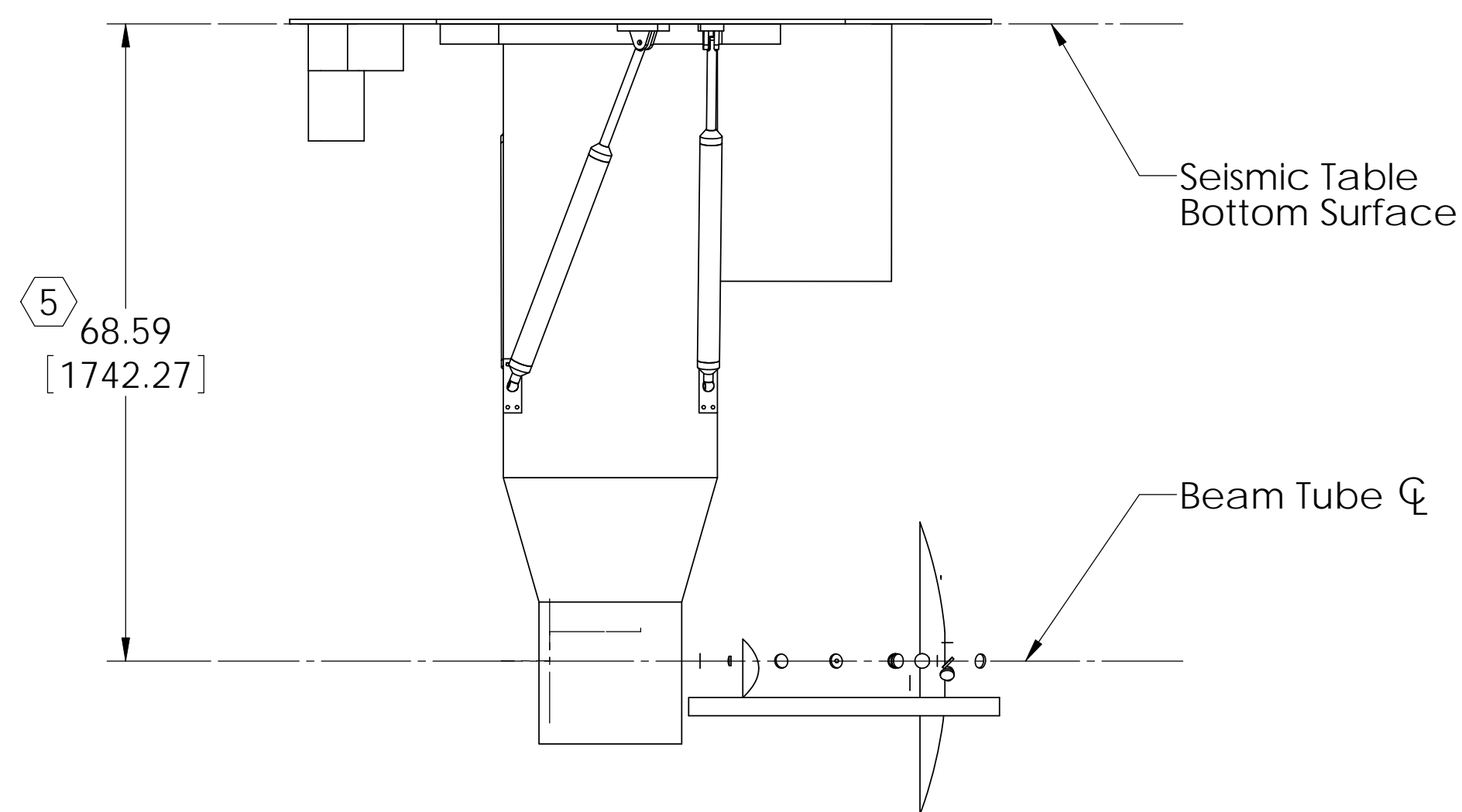
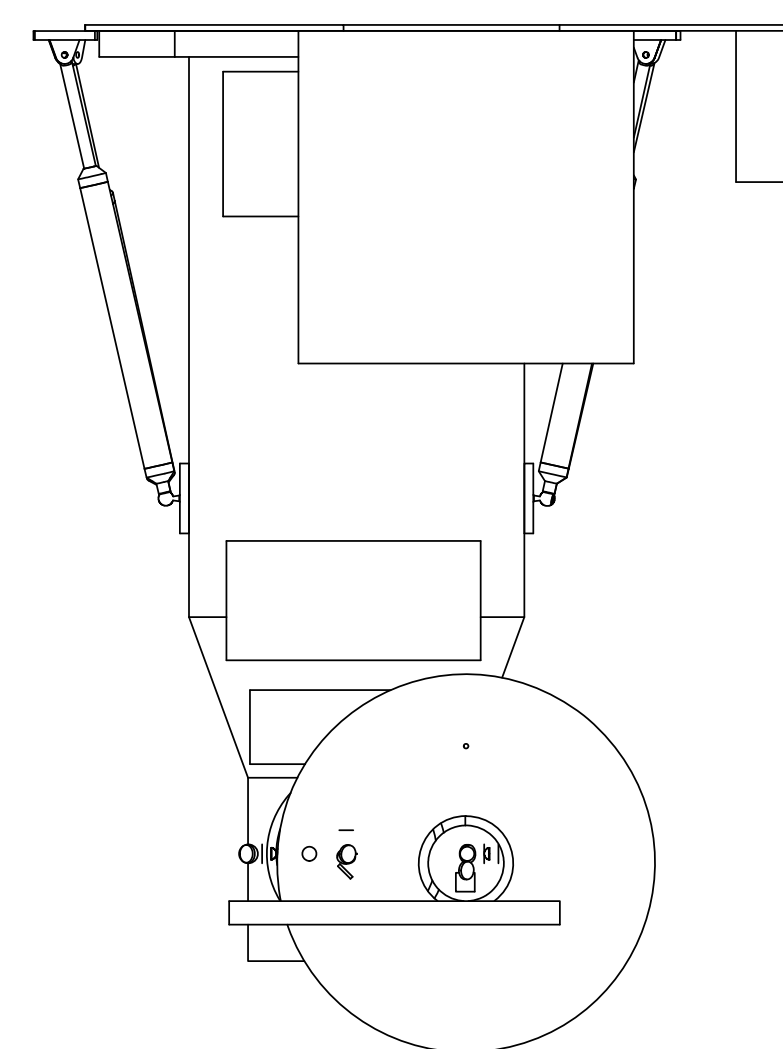


TABLE MASS TOTAL & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC4-L1	
CofG COORDINATES (mm)	
X	2.26
Y	-0.09
Z	1043.34
TABLE MASS TOTAL	801.95

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			
BSC4-L1 Top Level Chamber Assembly, Simplified			
DESIGNER	CHECKER	APPROVAL	SCALE: 1:24
	ED CHAVEZ		PROJECTION:
DWG. NO.	DATE	SHEET 4 OF 4	
D	27 JUL 2009		
D0900471			
REV.	v2		

D0900471 BSC4-L1 Top Level Chamber Assembly, Simplified.dwg PART PDM REV: X.003. DRAWING PDM REV: 2