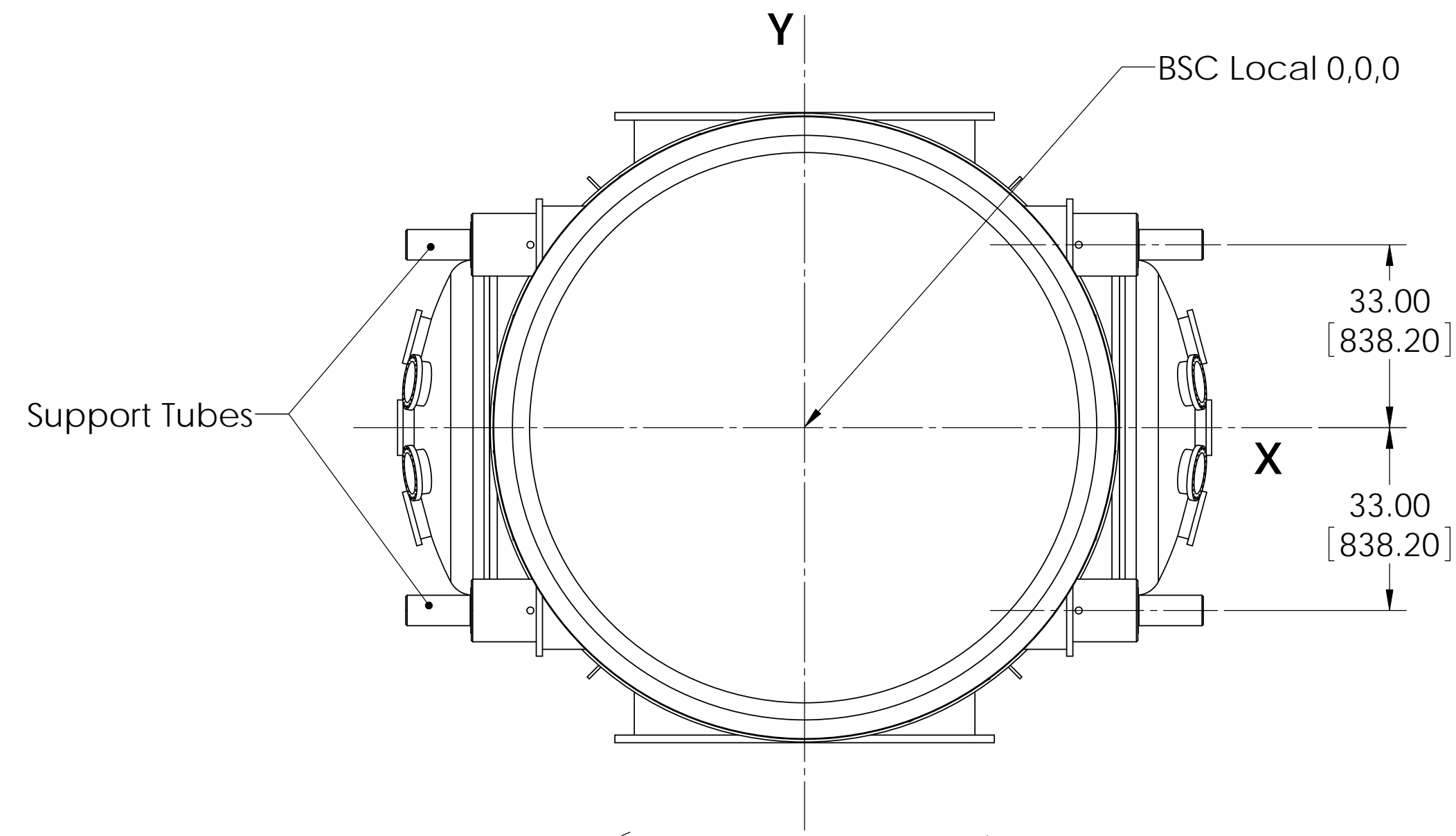
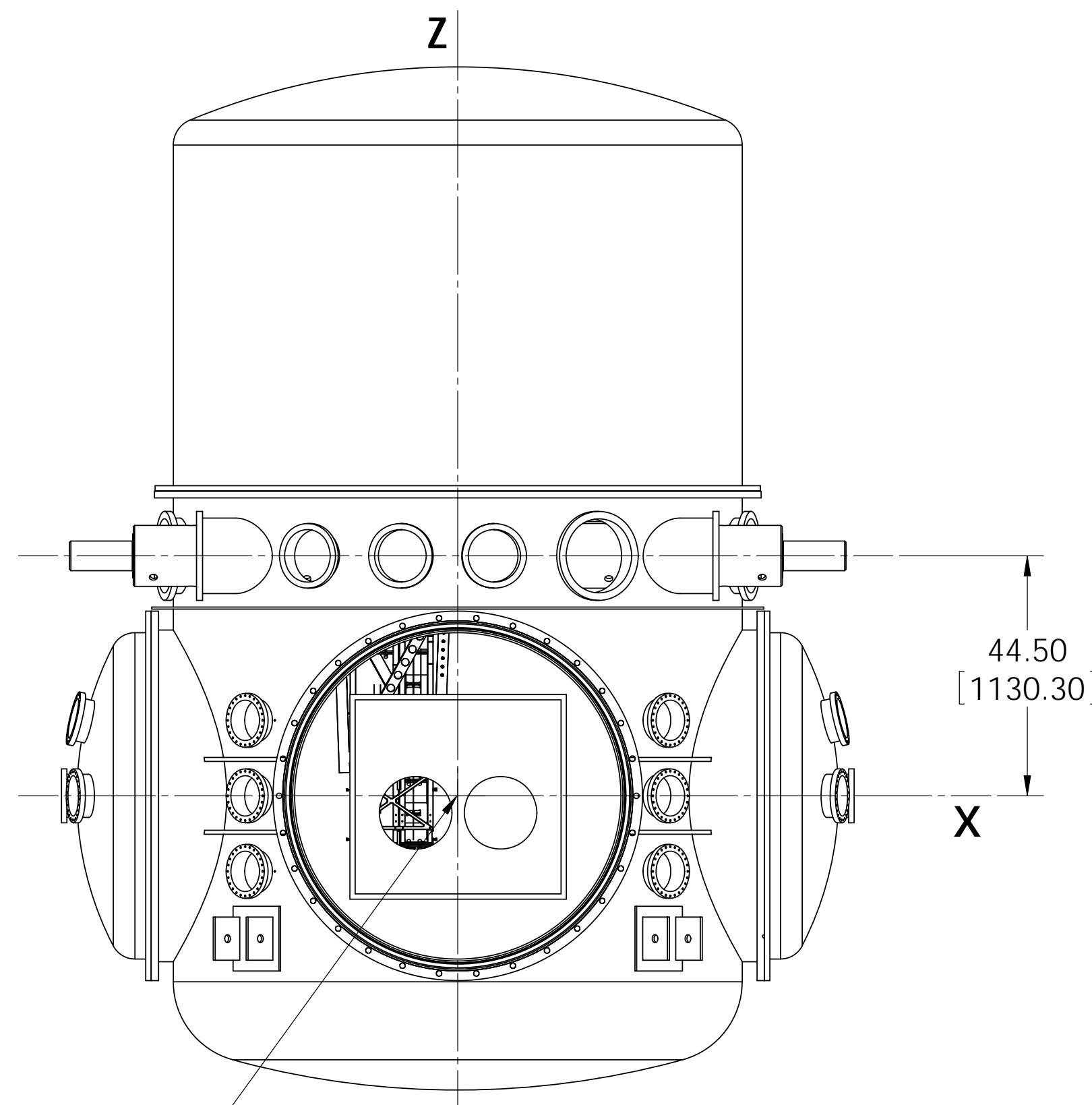


NOTES CONTINUED:
 ⑤ Reference DCC # 1010076-02

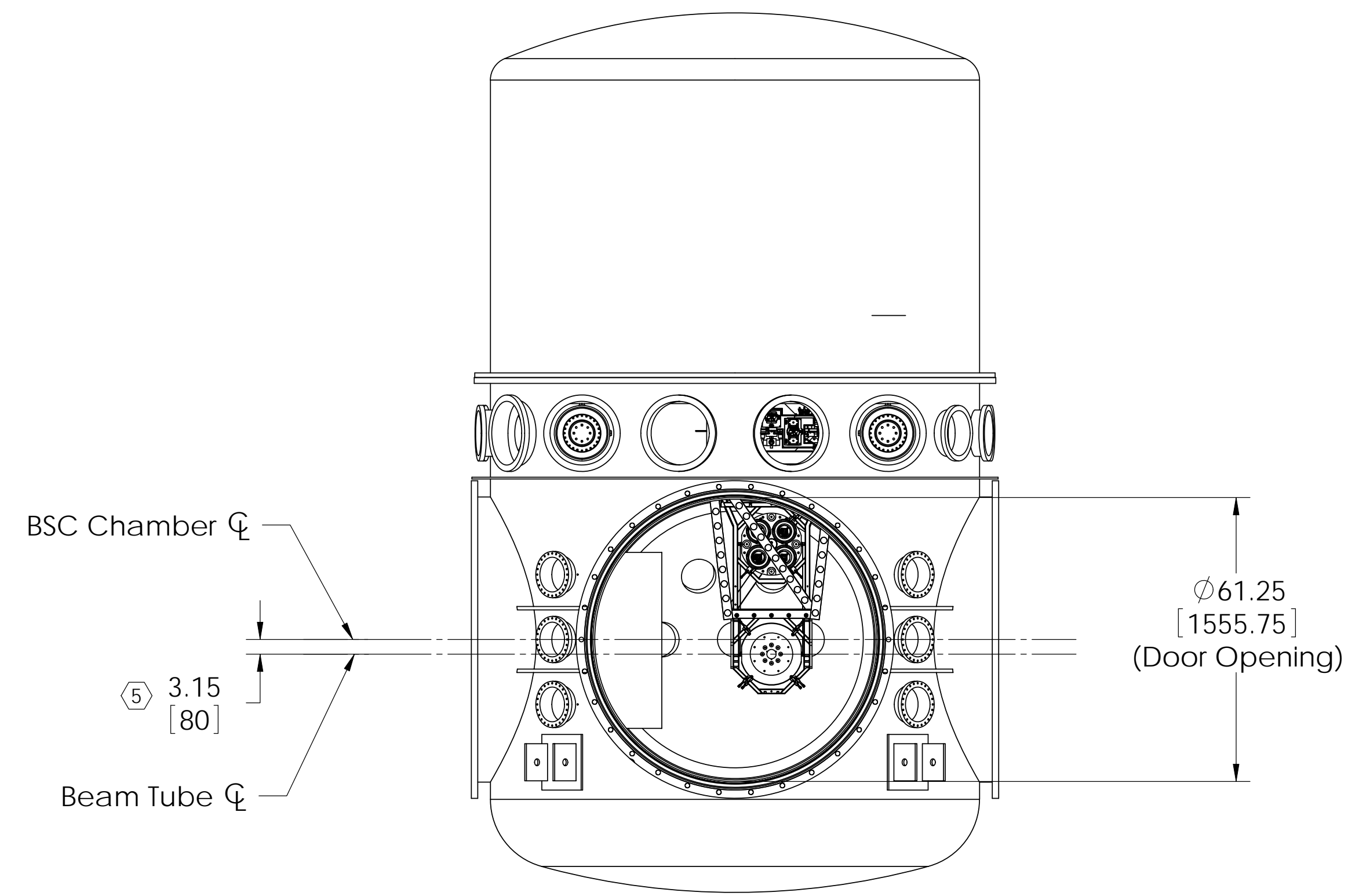
REV.	DATE	DCN #	DRAWING TREE #
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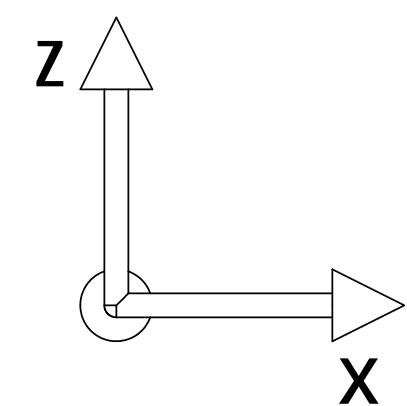
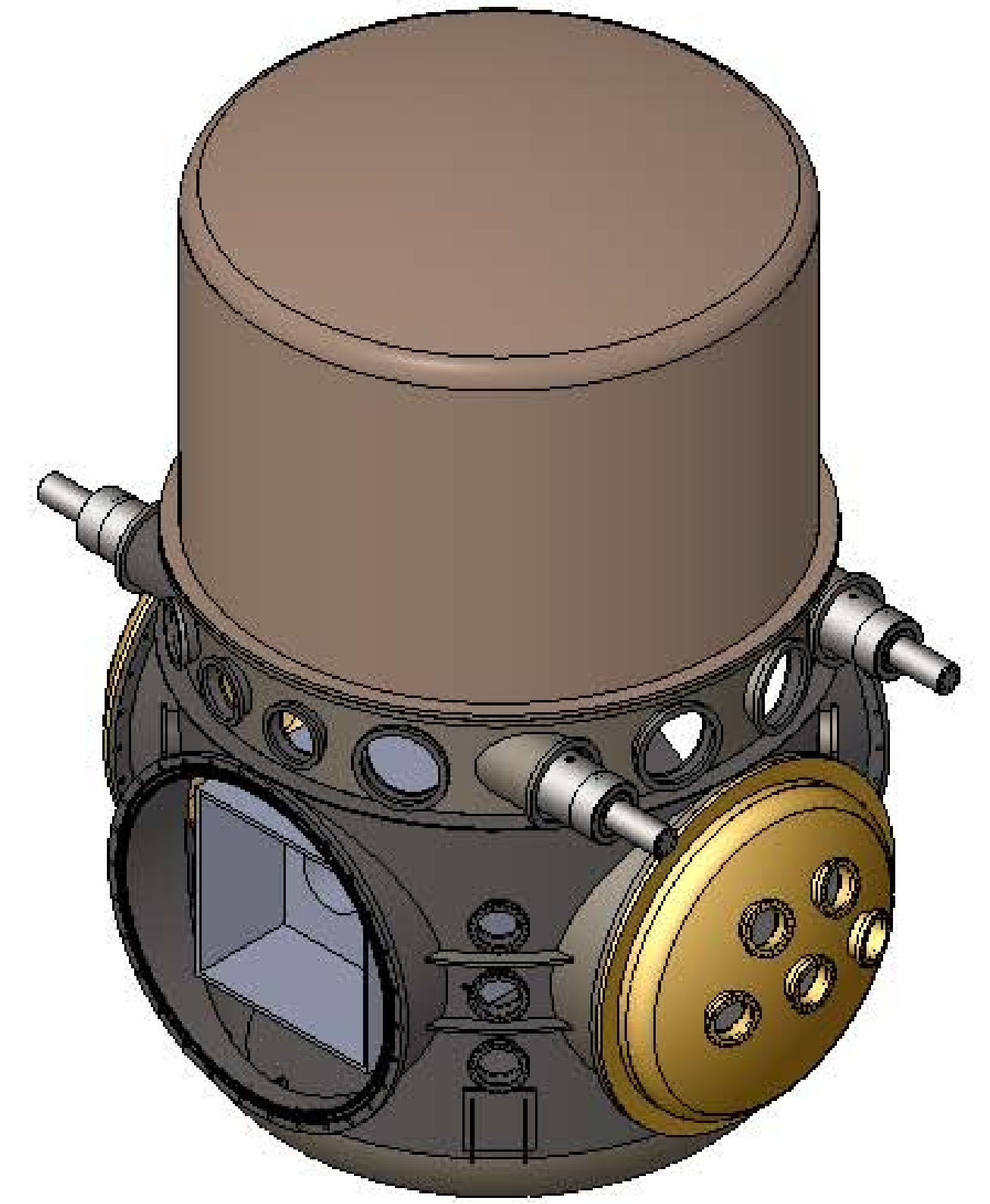
TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW



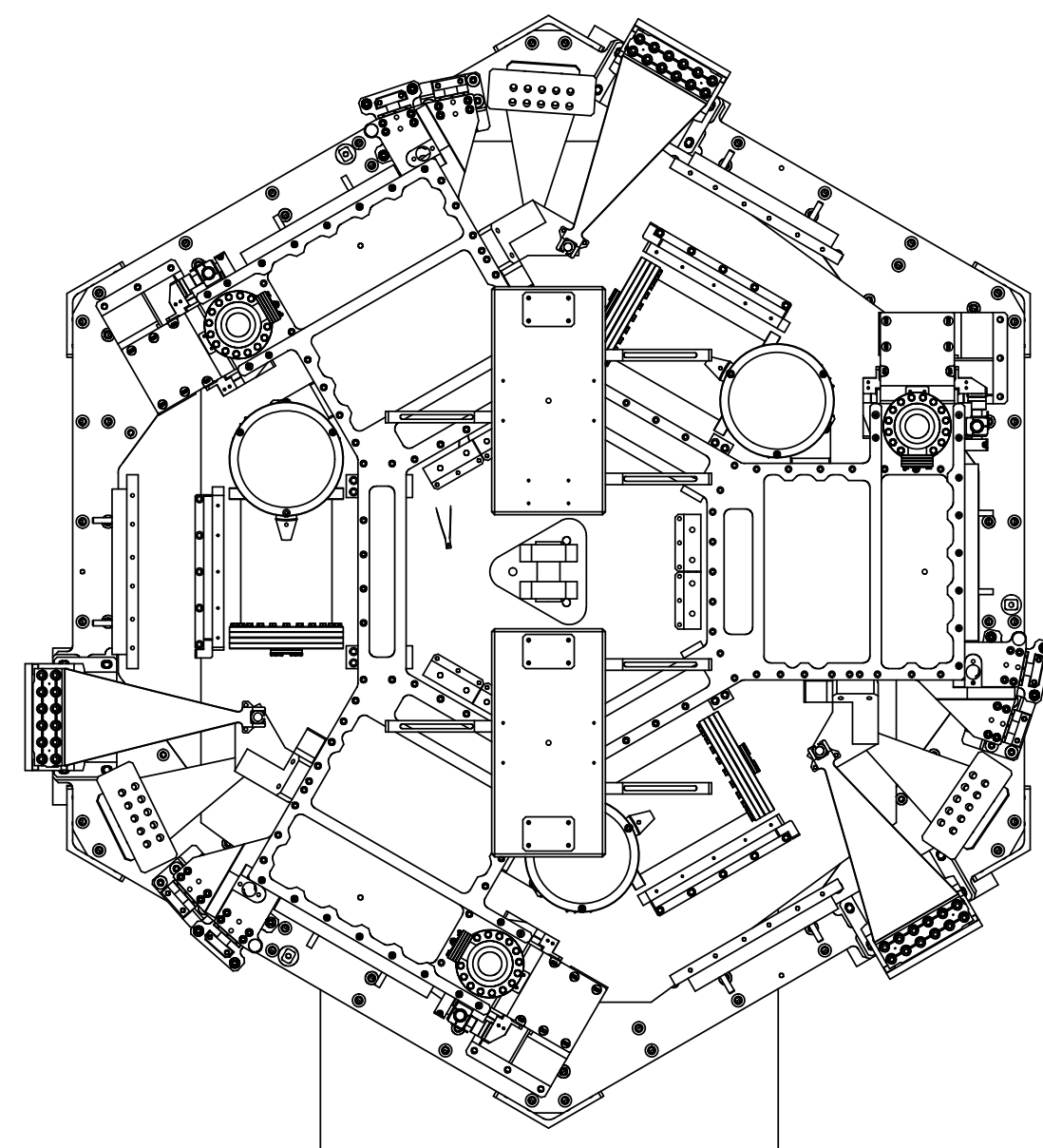
Global Axes
SolidWorks Educational License
 Instructional Use Only

BSC1-L1	
GLOBAL COORDINATES (mm)	
X	0.0
Y	4580.0
Z	0.0

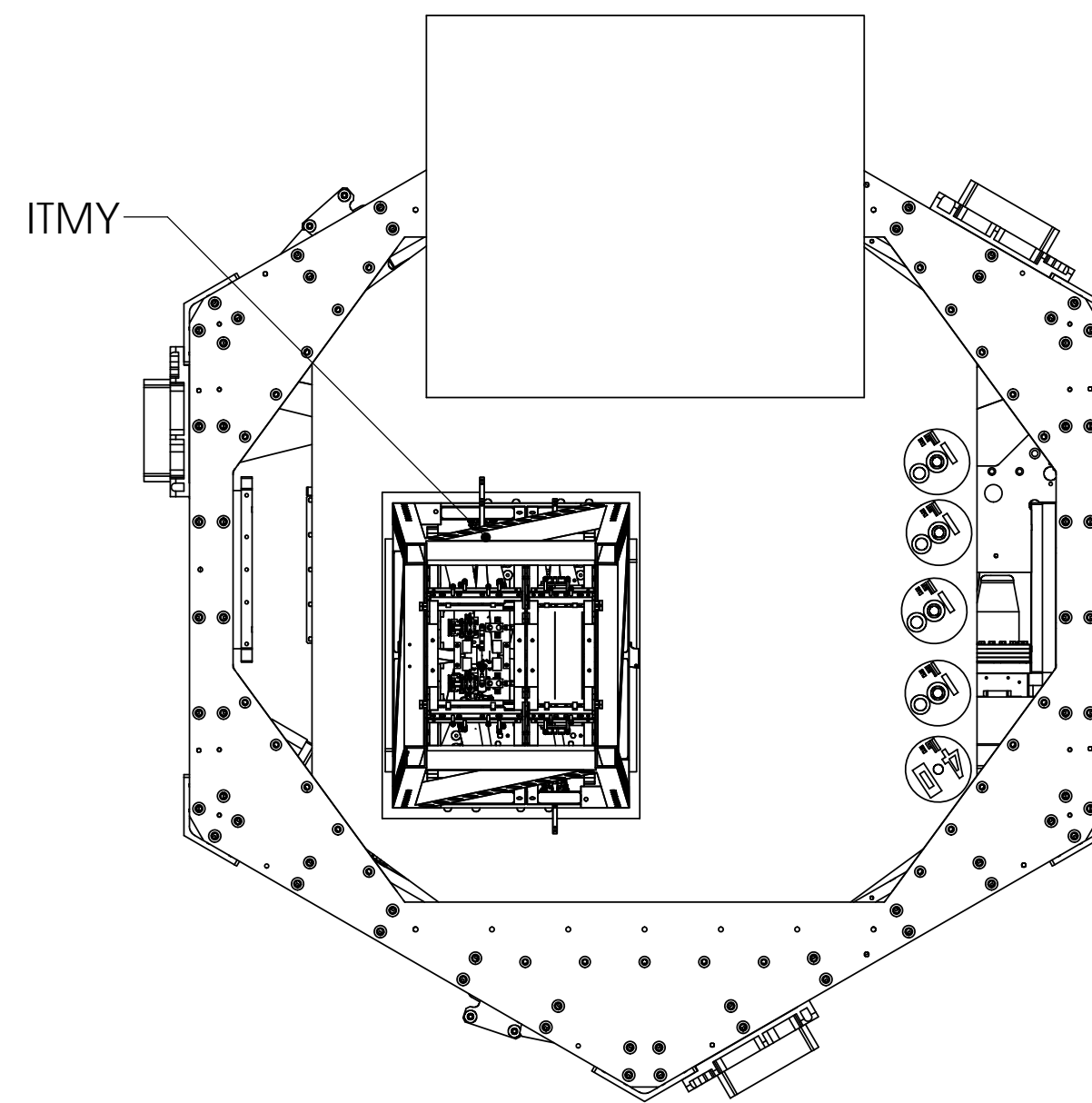
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 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.		BSC1-L1 Top Level Chamber Assembly, Fully Defined	
MATERIAL		FINISH		SYSTEM	SUB-SYSTEM	DESIGNER	SIZE
--		-- μinch		ADVANCED LIGO	SUS	ED CHAVEZ	DWG. NO.
NEXT ASSY		APPROVAL		CHECKER		27 JUL 2009	D
							D0900442
							REV. v2
							SCALE: 1:32
							PROJECTION:
							SHEET 1 OF 4

NOTES CONTINUED:
 5 Reference DCC # 1010076-02

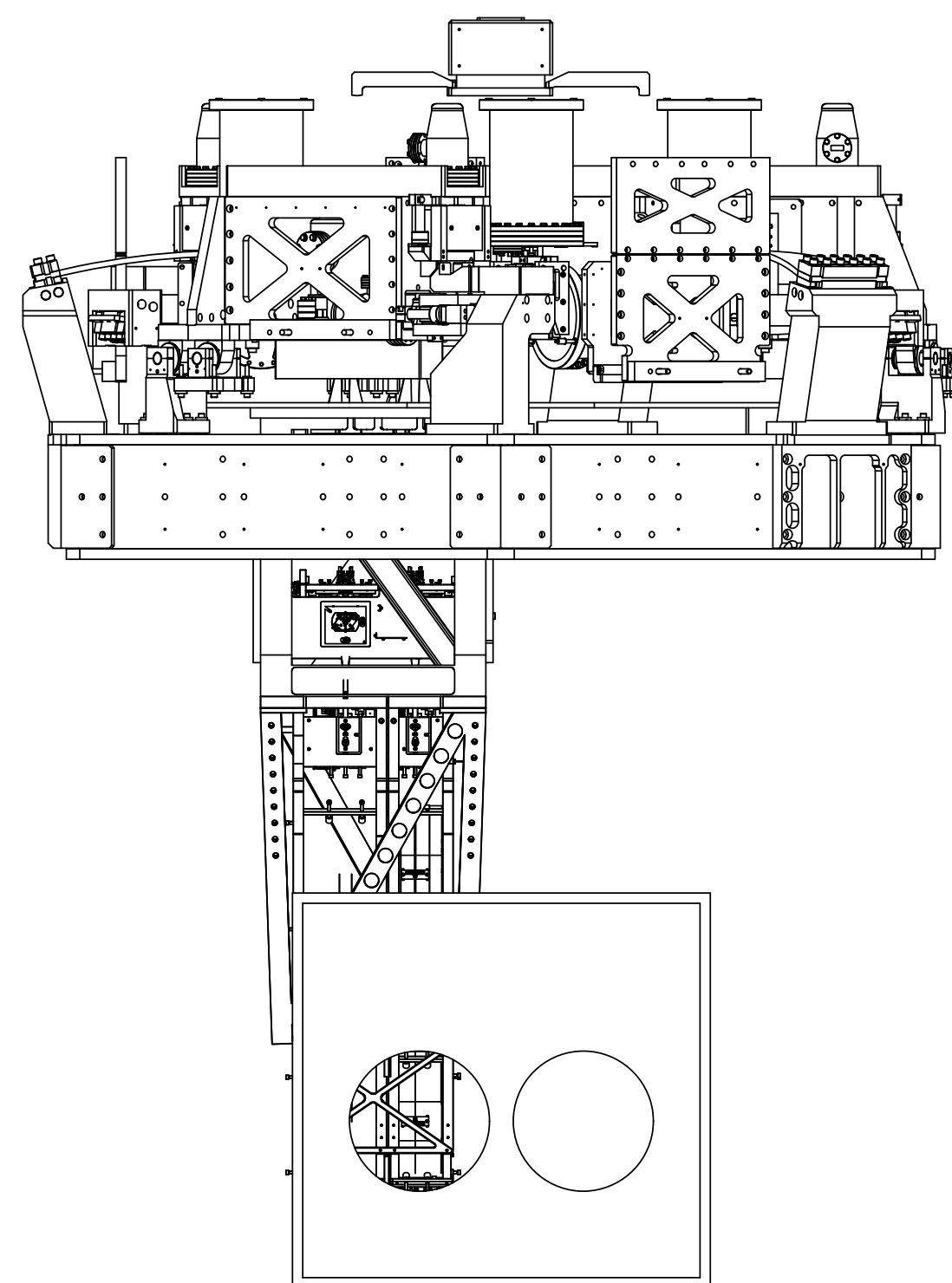
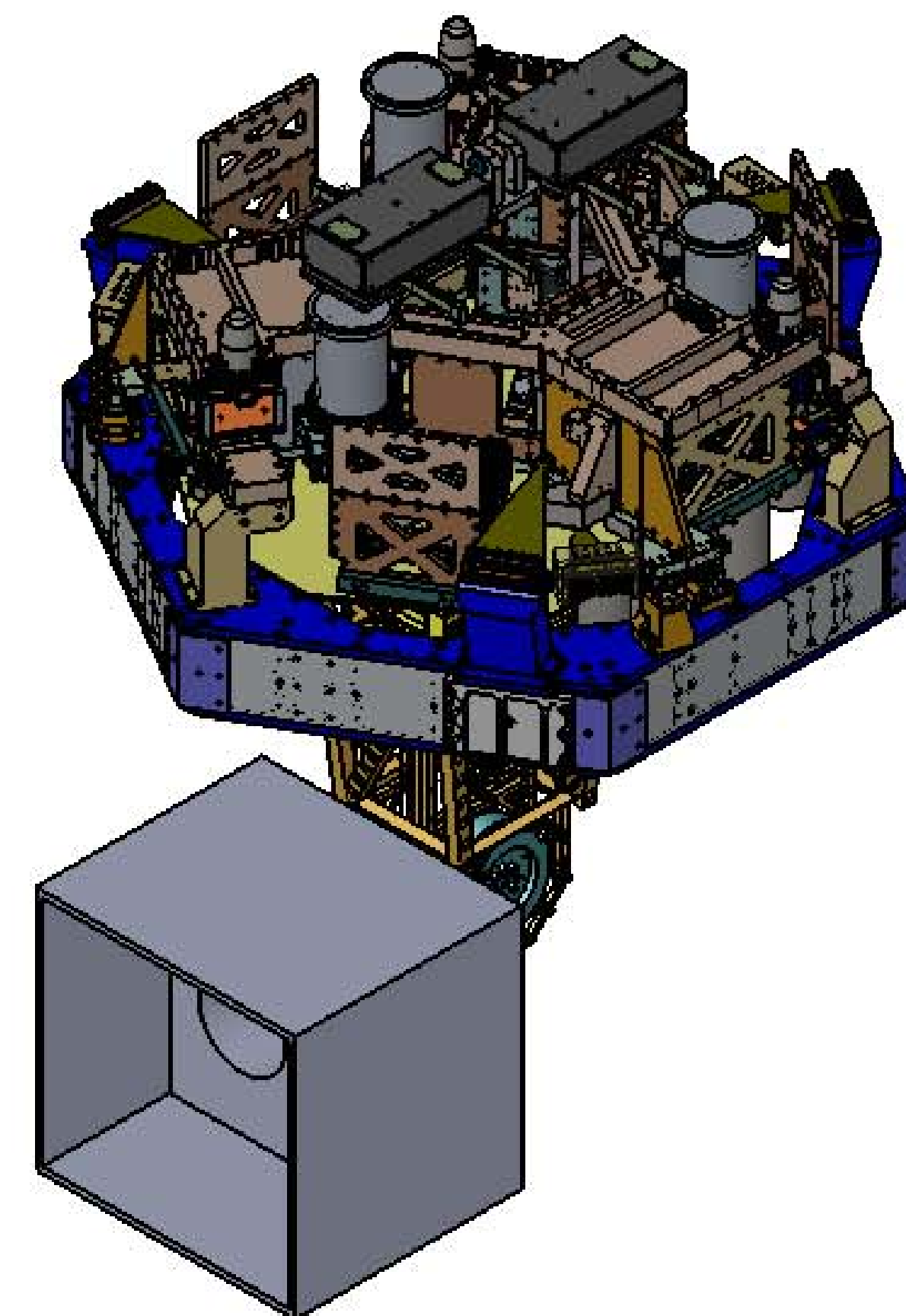
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



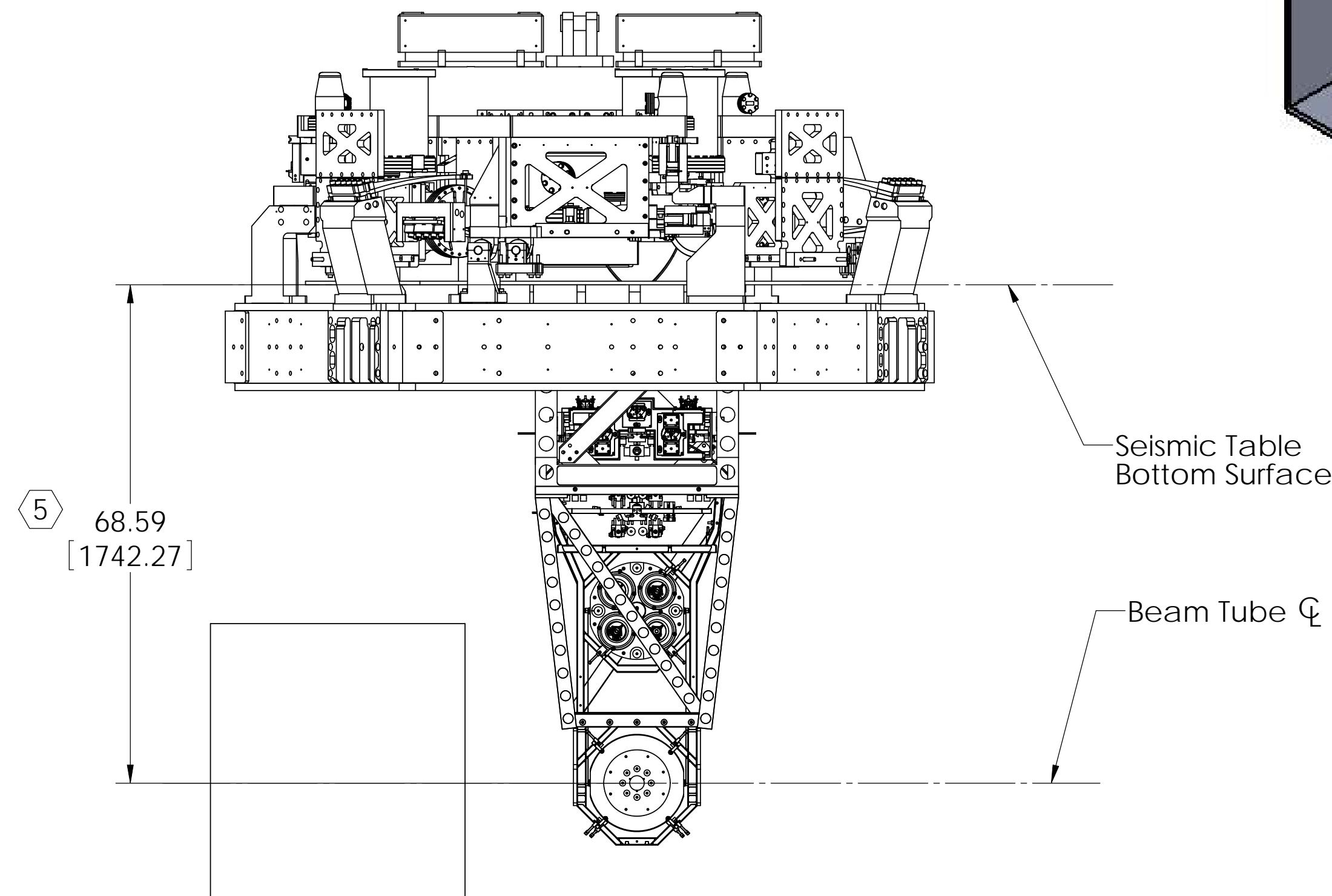
TOP VIEW



BOTTOM VIEW



FRONT VIEW



RIGHT SIDE VIEW

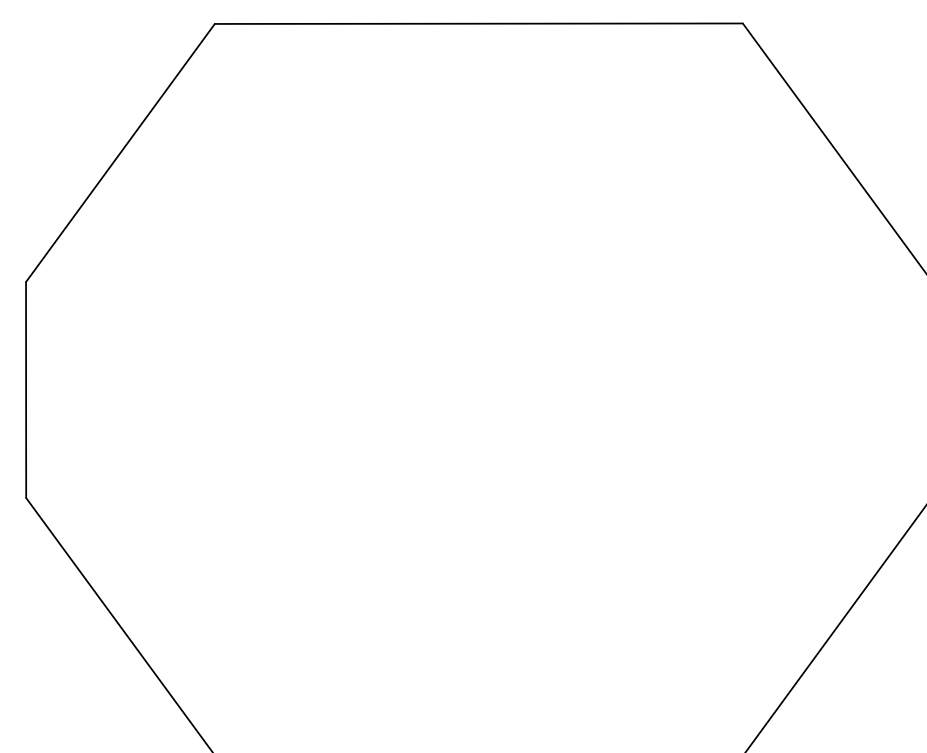
BSC1-L1 GLOBAL COORDINATES (mm)	
X	0.0
Y	4580.0
Z	0.0

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.		BSC1-L1 Top Level Chamber Assembly, Fully Defined	
MATERIAL		FINISH		SYSTEM	SUB-SYSTEM	DESIGNER	SIZE
--		-- μinch		ADVANCED LIGO	SUS	ED CHAVEZ	DWG. NO.
NEXT ASSY				CHECKER		27 JUL 2009	D
				APPROVAL			D0900442
				SCALE: 1:32		PROJECTION:	
						SHEET 2 OF 4	

D0900442 BSC1-L1 Top Level Chamber Assembly, Complicated II, PART PDM REV: X-011, DRAWING PDM REV:

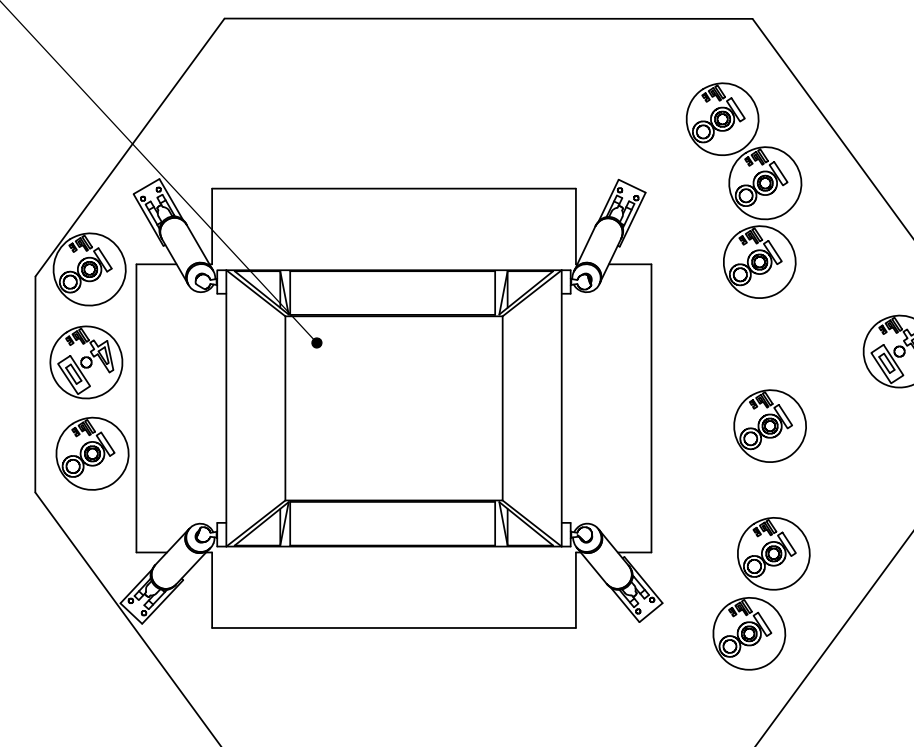
NOTES CONTINUED:
 (5) Reference DCC # 1010076-02

REV.	DATE	DCN #	DRAWING TREE #
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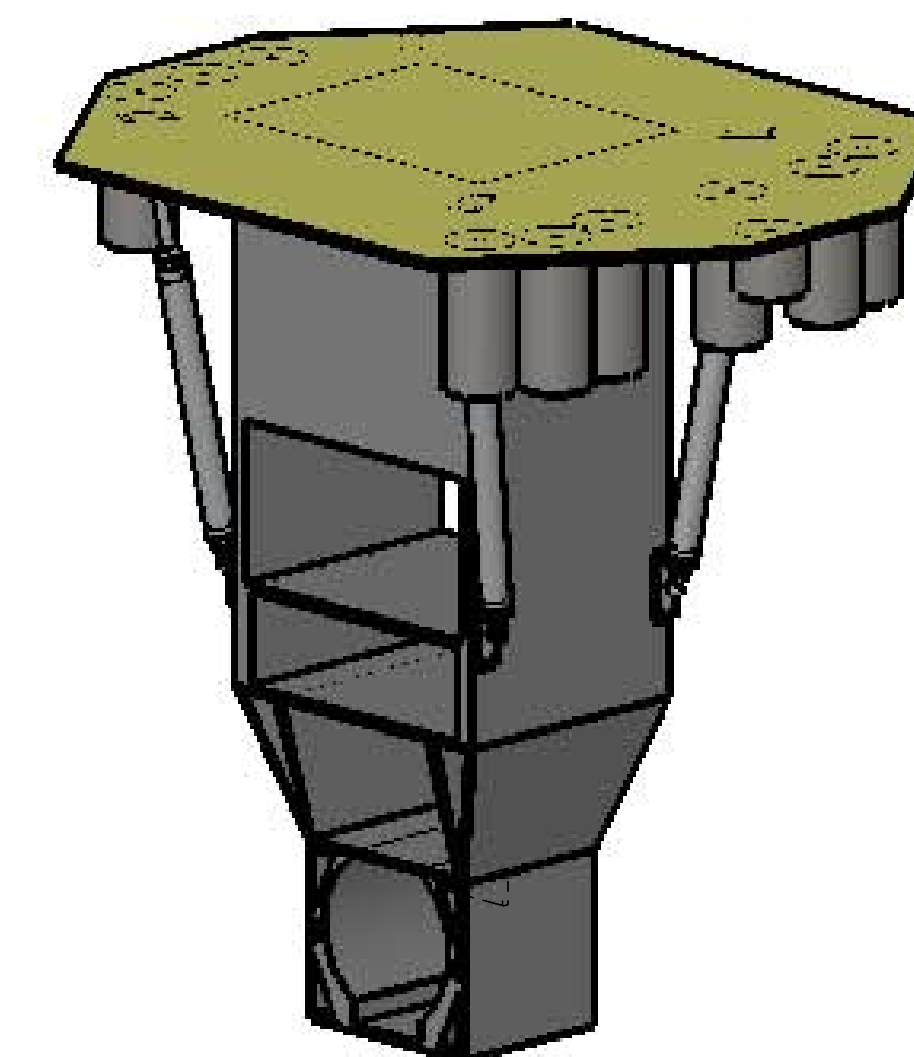


TOP VIEW

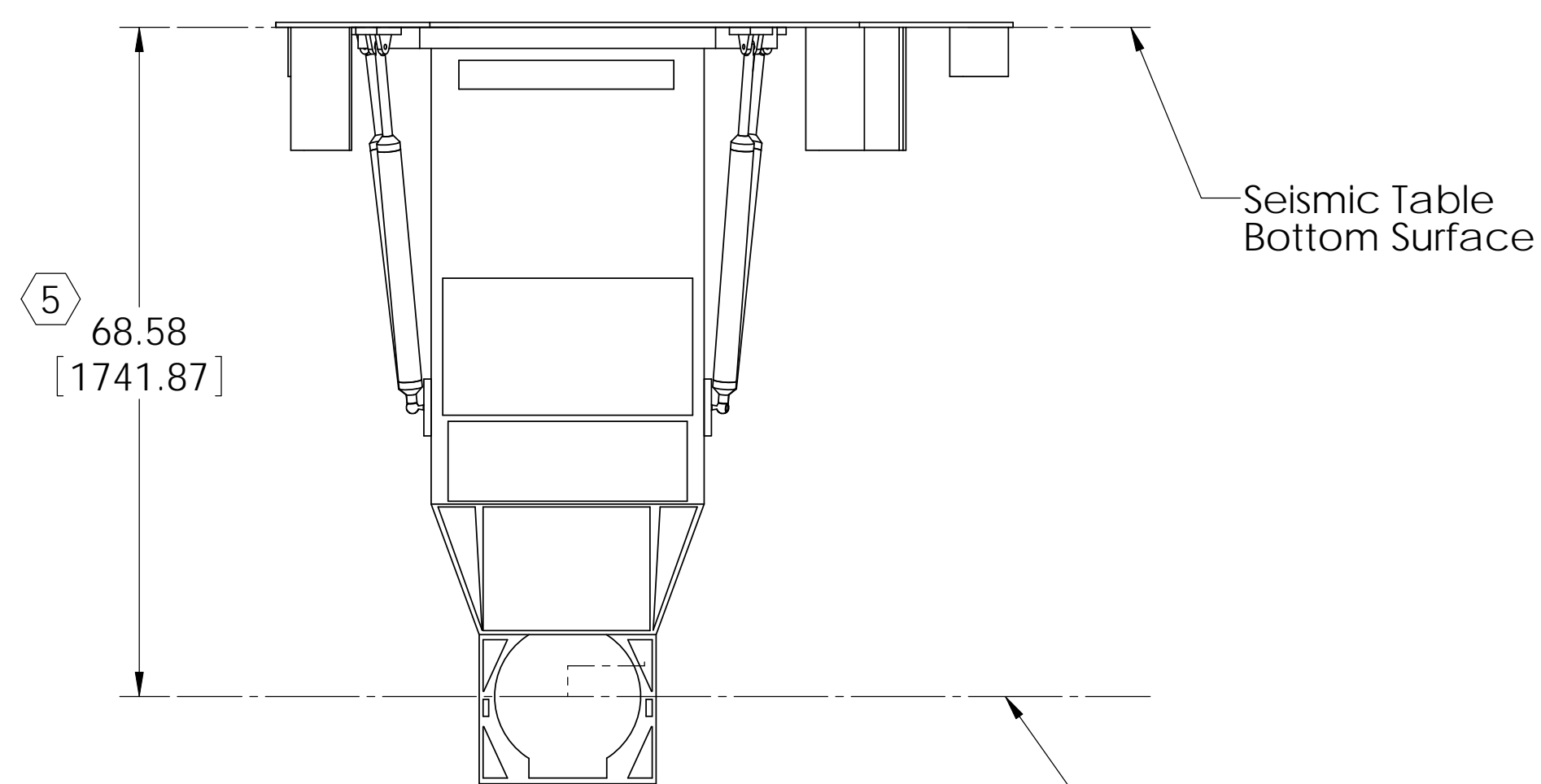
ITMY Envelope



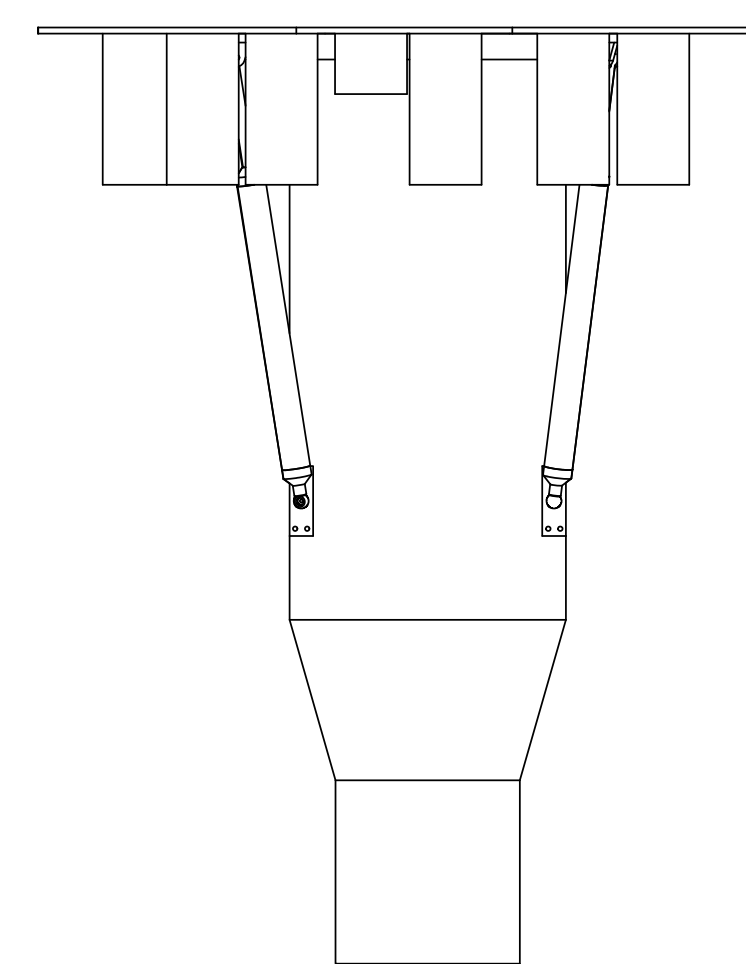
BOTTOM VIEW



**NO SUSPENDED MASS &
 NO CHAMBER SHOWN**



FRONT VIEW



RIGHT SIDE VIEW

BSC1-L1	
CofG COORDINATES (mm)	
X	94.2
Y	-22.4
Z	1416.2
TABLE MASS W/NO SUS-MASS TOTAL	542.60

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

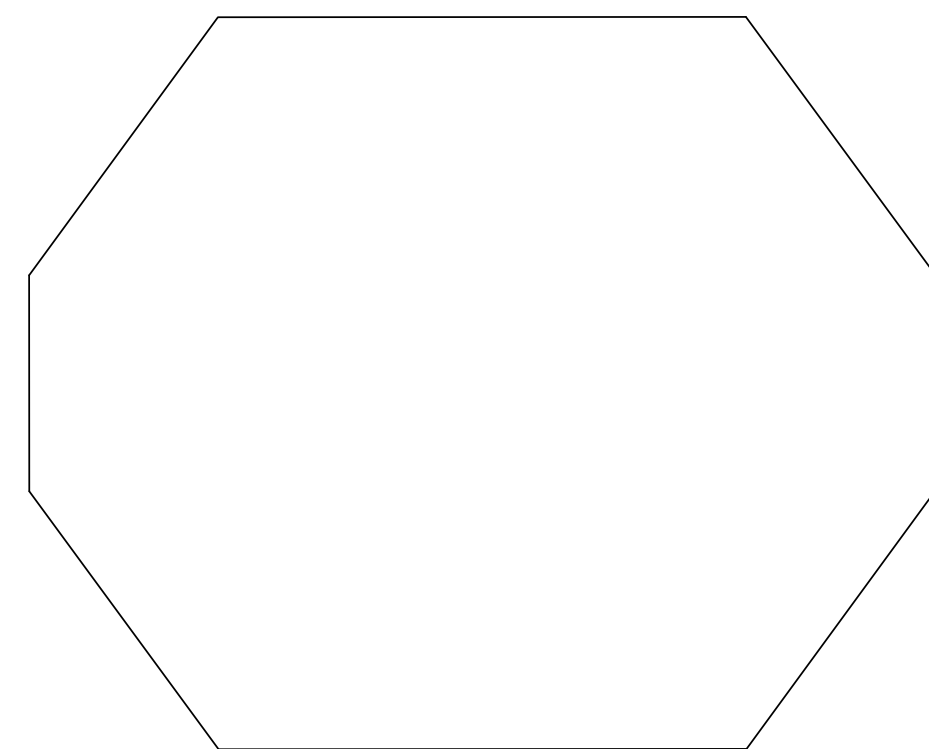
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME BSC1-H1 Top Level Chamber Assembly, Simplified	
SYSTEM ADVANCED LIGO	SUB-SYSTEM SUS	DESIGNER ED CHAVEZ	DATE 27 JUL 2009
NEXT ASSY		CHECKER	APPROVAL

SIZE D	DWG. NO. D0900442	REV. v2
SCALE: 1:24	PROJECTION:	SHEET 3 OF 4

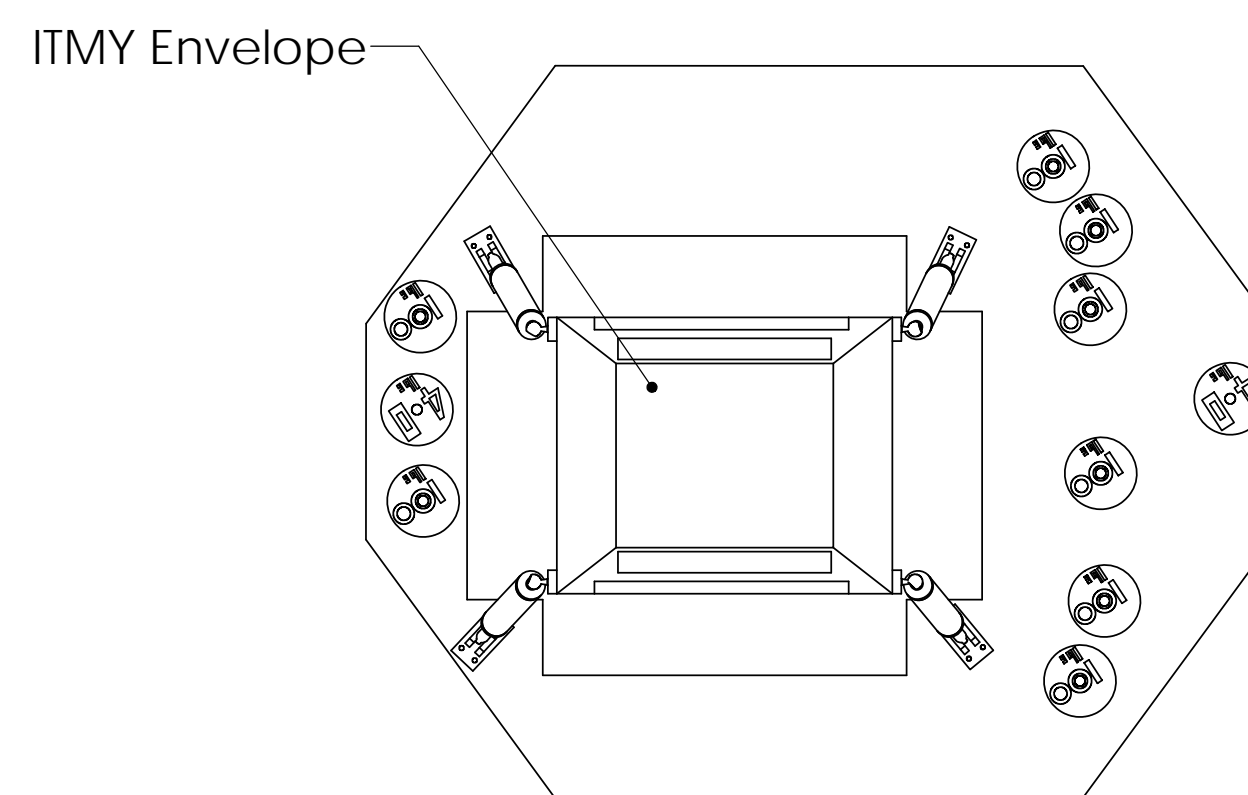
D0900442 BSC1-L1 Top Level Chamber Assembly, Simplified - PART PDM REV. X.011, DRAWING PDM REV.

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

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



TOP VIEW



BOTTOM VIEW

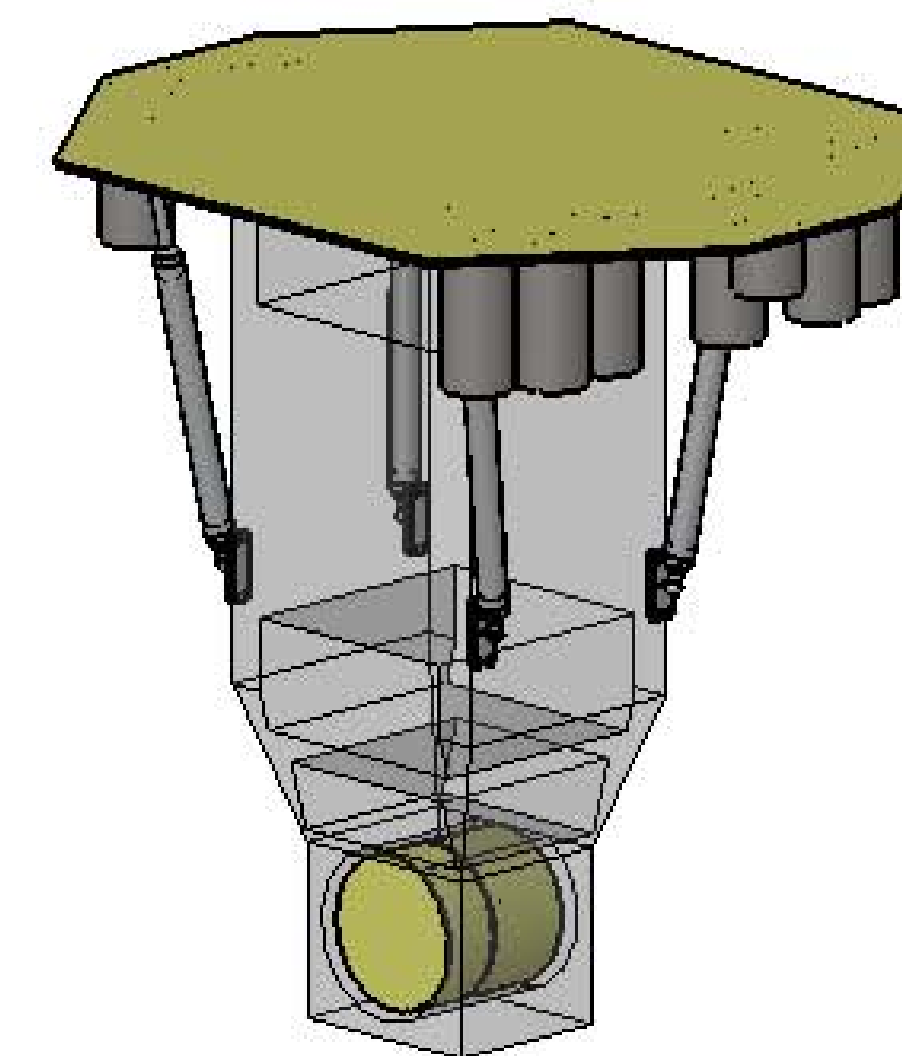
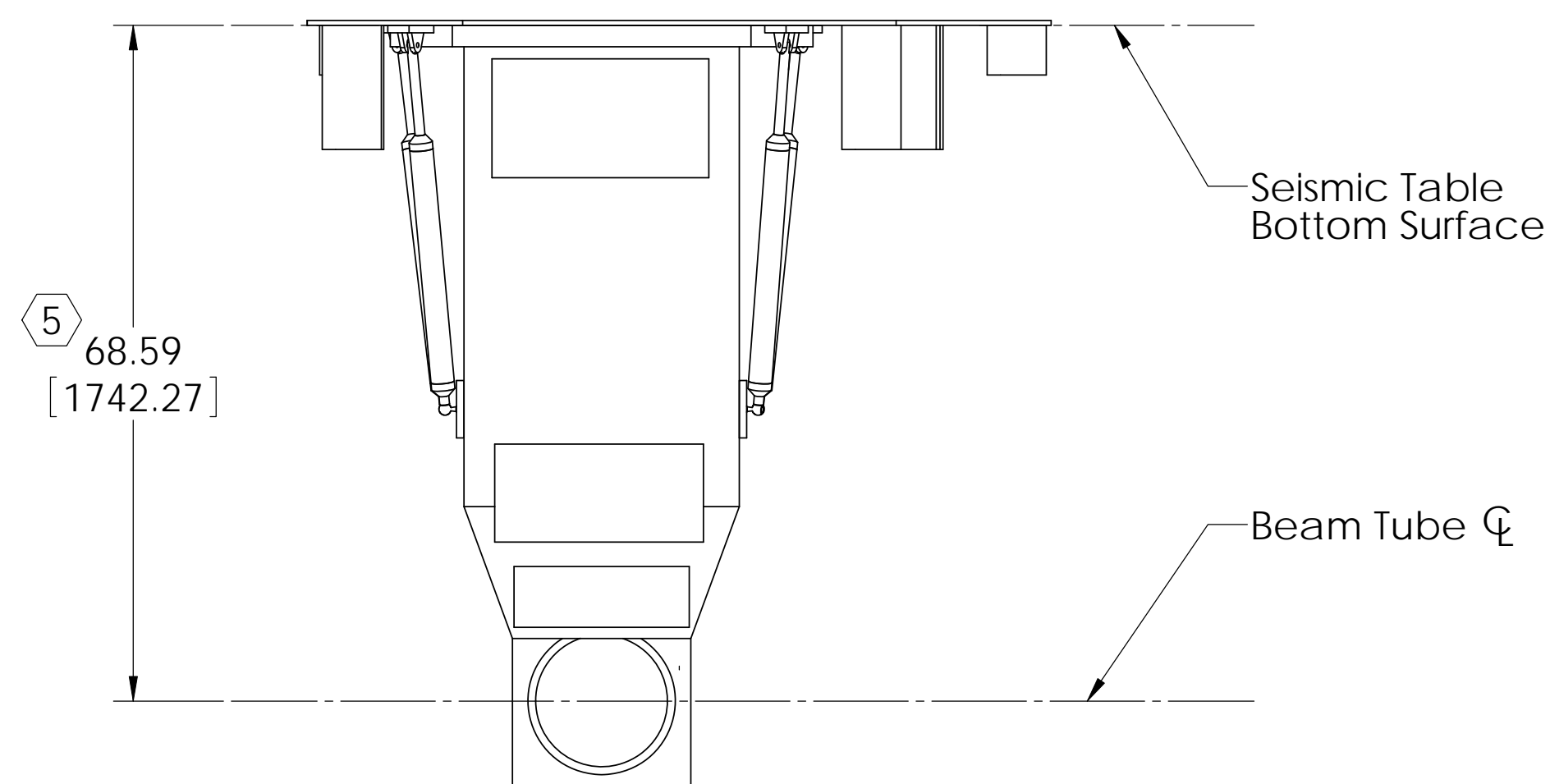
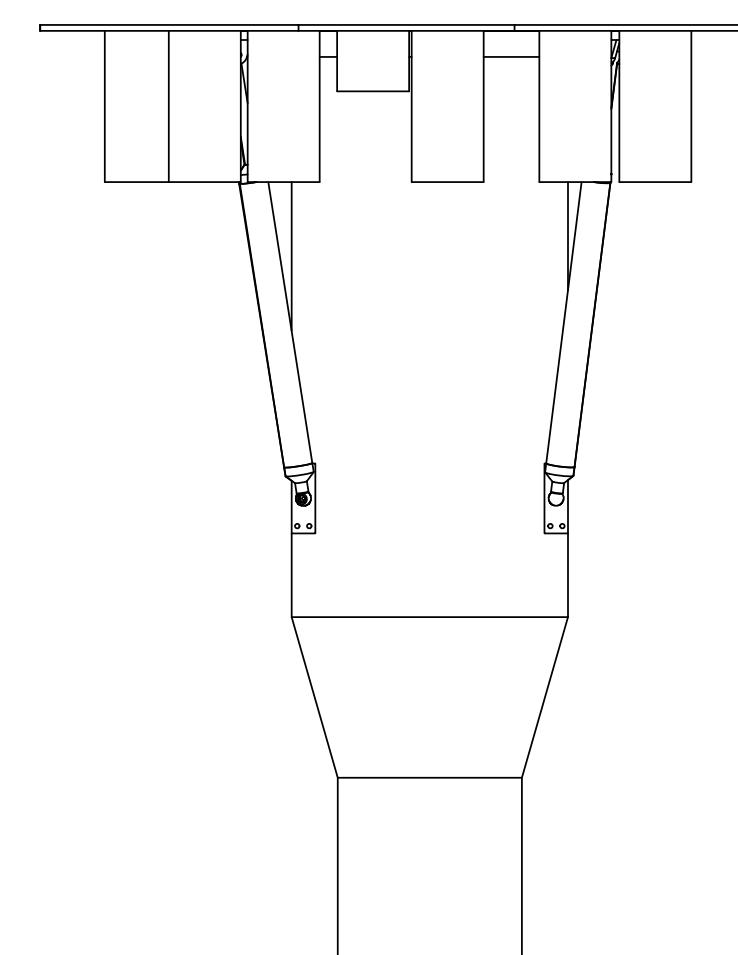


TABLE MASS TOTAL & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

BSC1-L1	
CofG COORDINATES (mm)	
X	0.92
Y	0.72
Z	1130.28
TABLE MASS TOTAL	796.97

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
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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 NEXT ASSY:	SUB-SYSTEM: SUS

PART NAME: BSC1-H1 Top Level Chamber Assembly, Simplified			
DESIGNER:	CHECKER:	APPROVAL:	SCALE: 1:24
DRAFTER: ED CHAVEZ	CHECKER:	APPROVAL:	PROJECTION:
DATE: 27 JUL 2009	SIZE: D	DWG. NO.: D0900442	SHEET 4 OF 4
REV. v2			

D0900442 BSC1-L1 Top Level Chamber Assembly, Simplified.dwg PART PDM REV: X.011, DRAWING PDM REV: 2