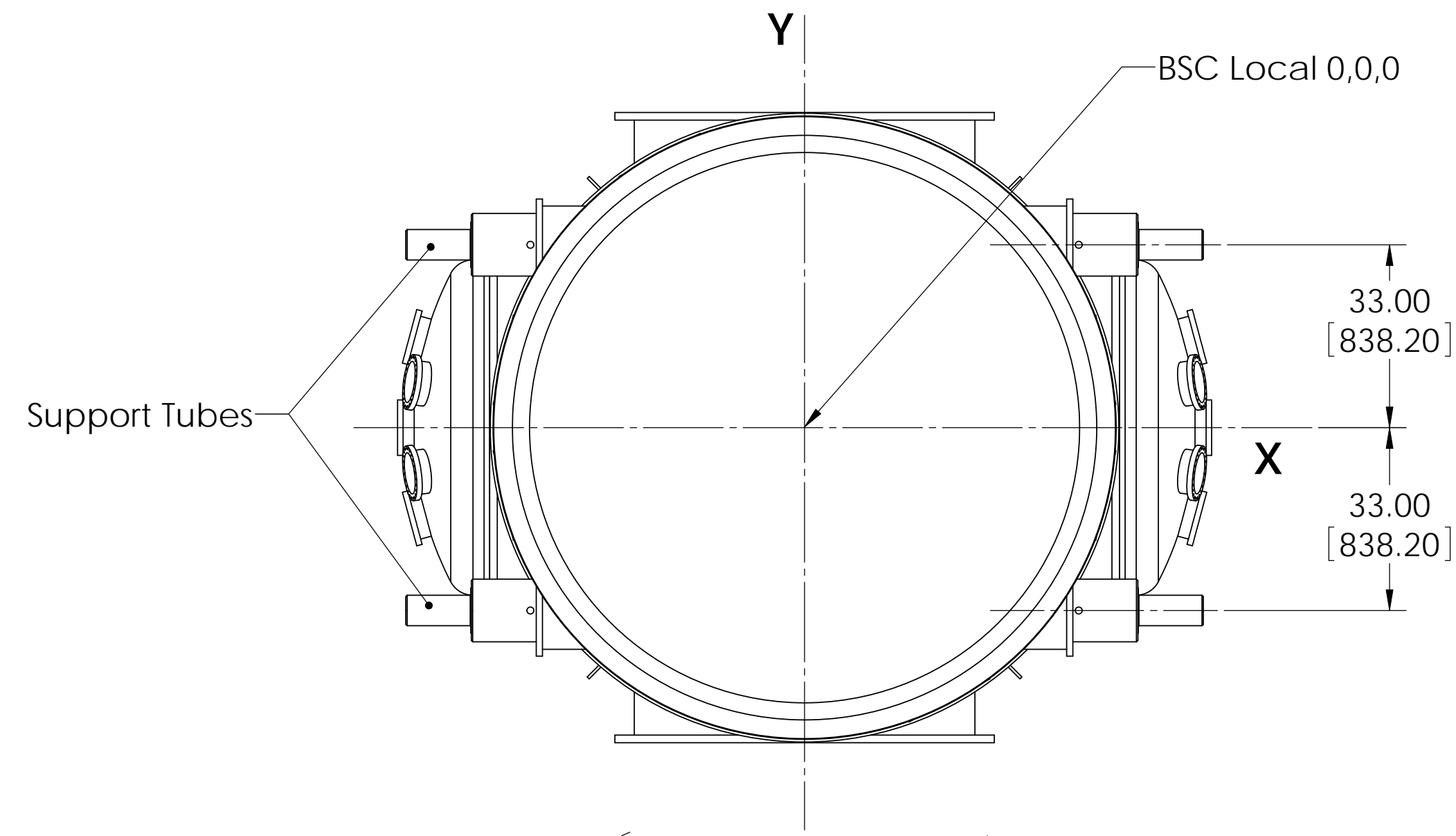
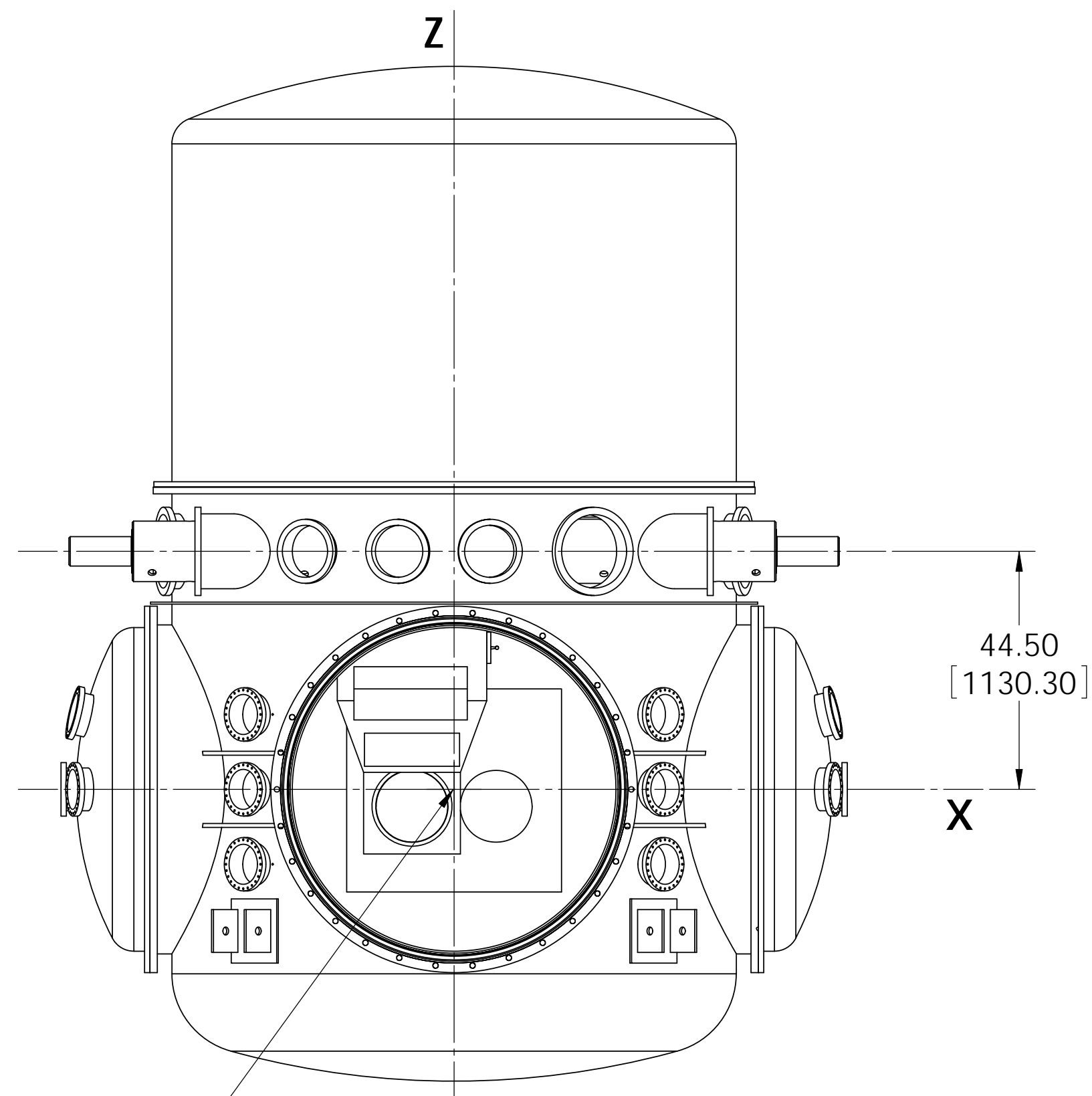


NOTES CONTINUED:  
 ⑤ Reference DCC # 1010076-02

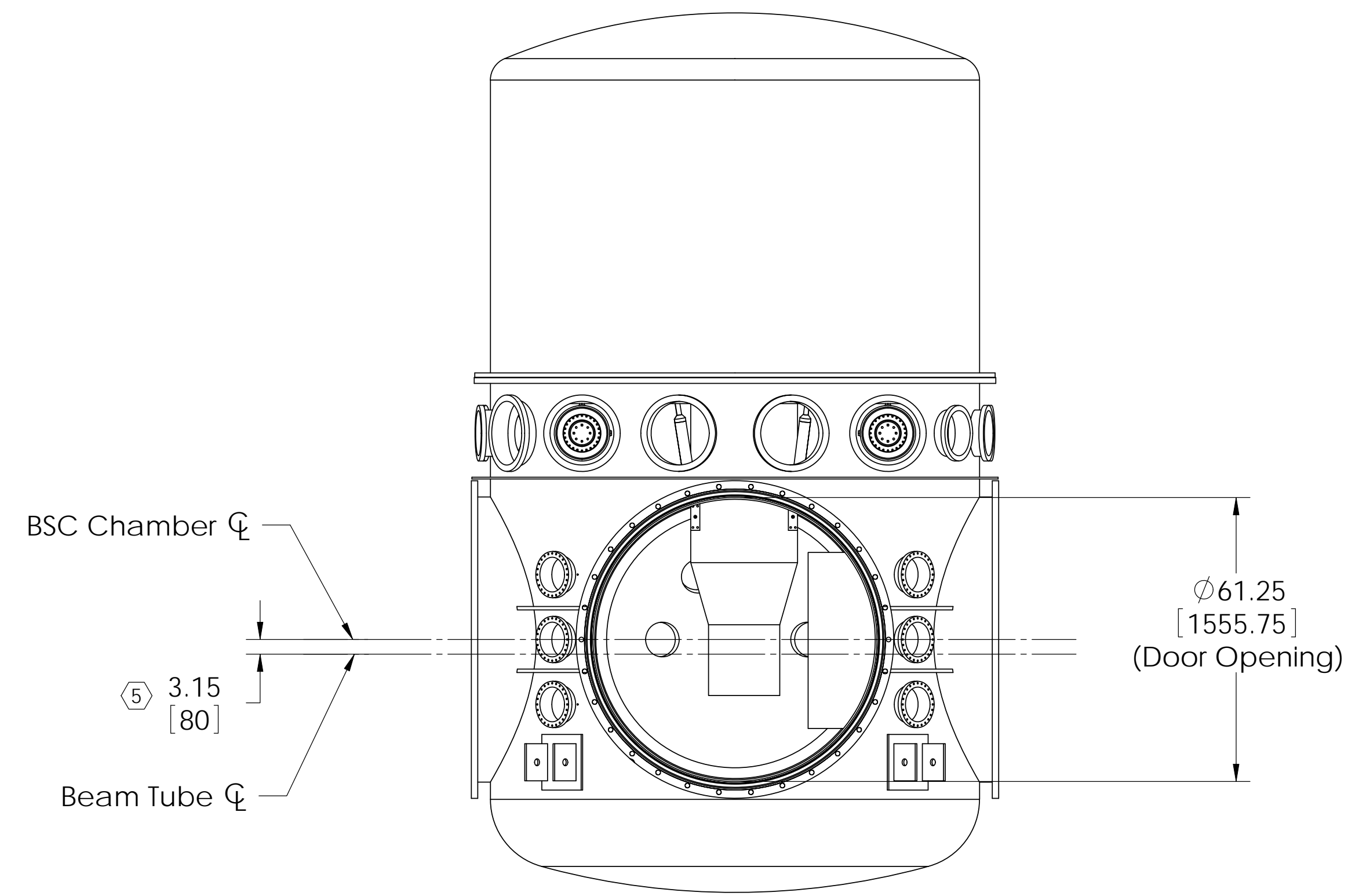
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



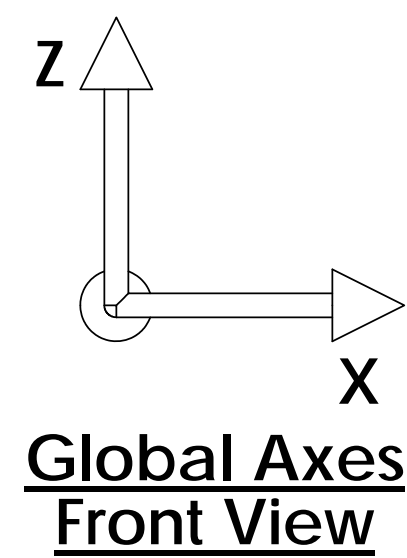
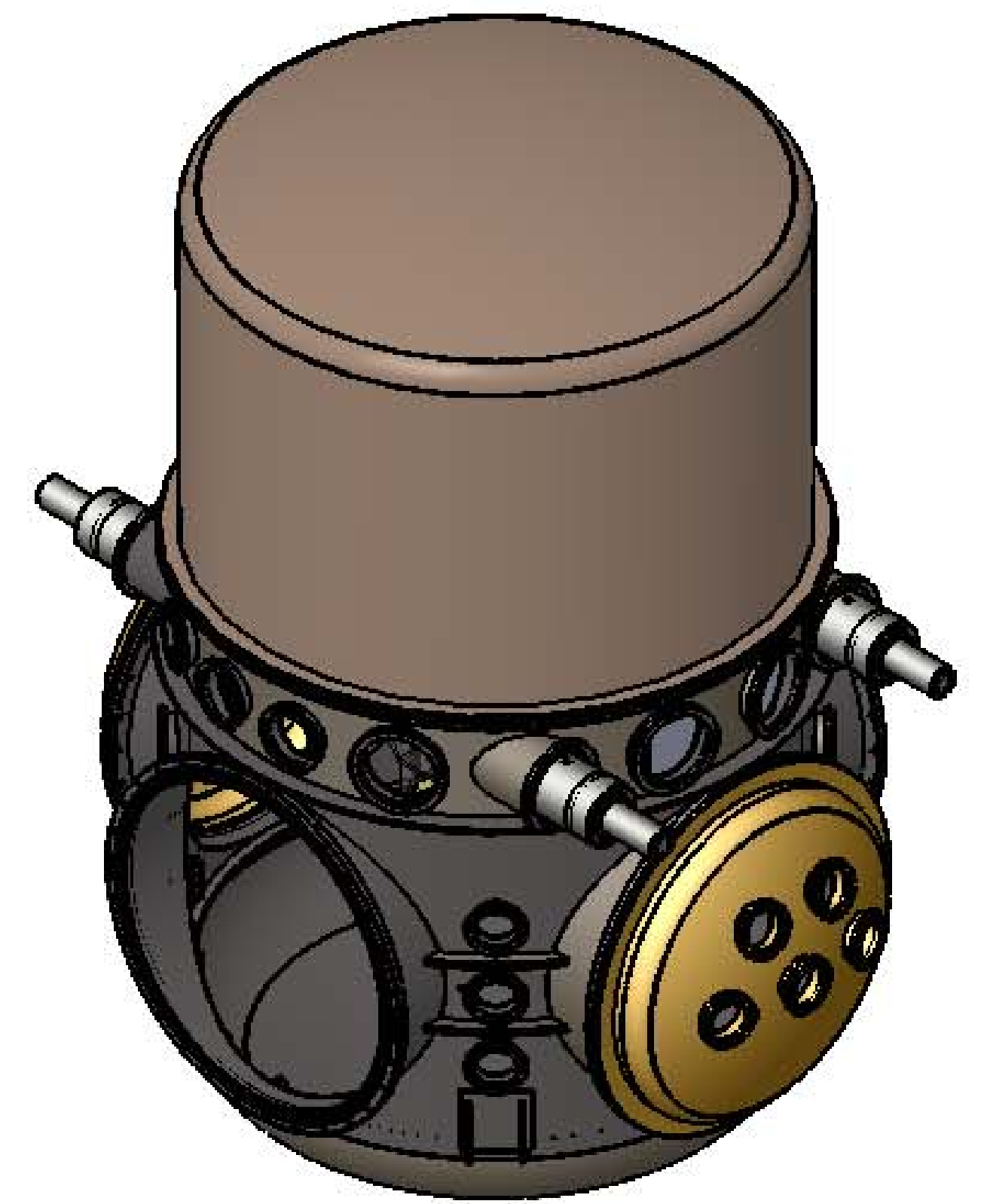
**TOP VIEW**



**FRONT VIEW**



**RIGHT SIDE VIEW**



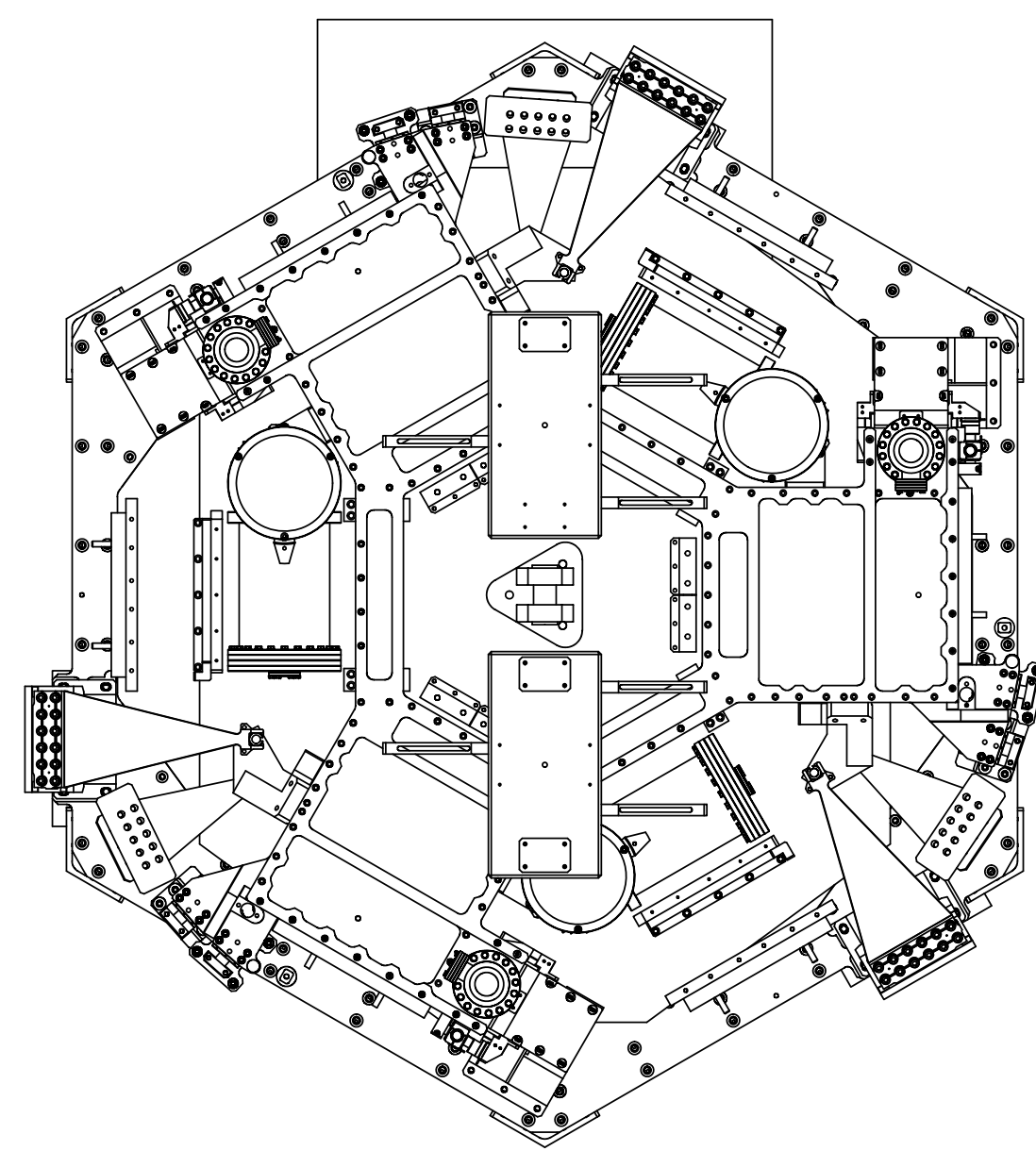
BSC1-H1 GLOBAL COORDINATES (mm)	
X	0.0
Y	4580.0
Z	0.0

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.		<b>BSC1-H1 Top Level Chamber Assembly, Fully Defined</b>	
MATERIAL		FINISH		SYSTEM	SUB-SYSTEM	DESIGNER	SIZE
--		-- μinch		ADVANCED LIGO	SUS	ED CHAVEZ	D
NEXT ASSY				CHECKER		27 JUL 2009	DWG. NO.
				APPROVAL			D0901137
				SCALE: 1:32		PROJECTION:	
						SHEET 1 OF 4	

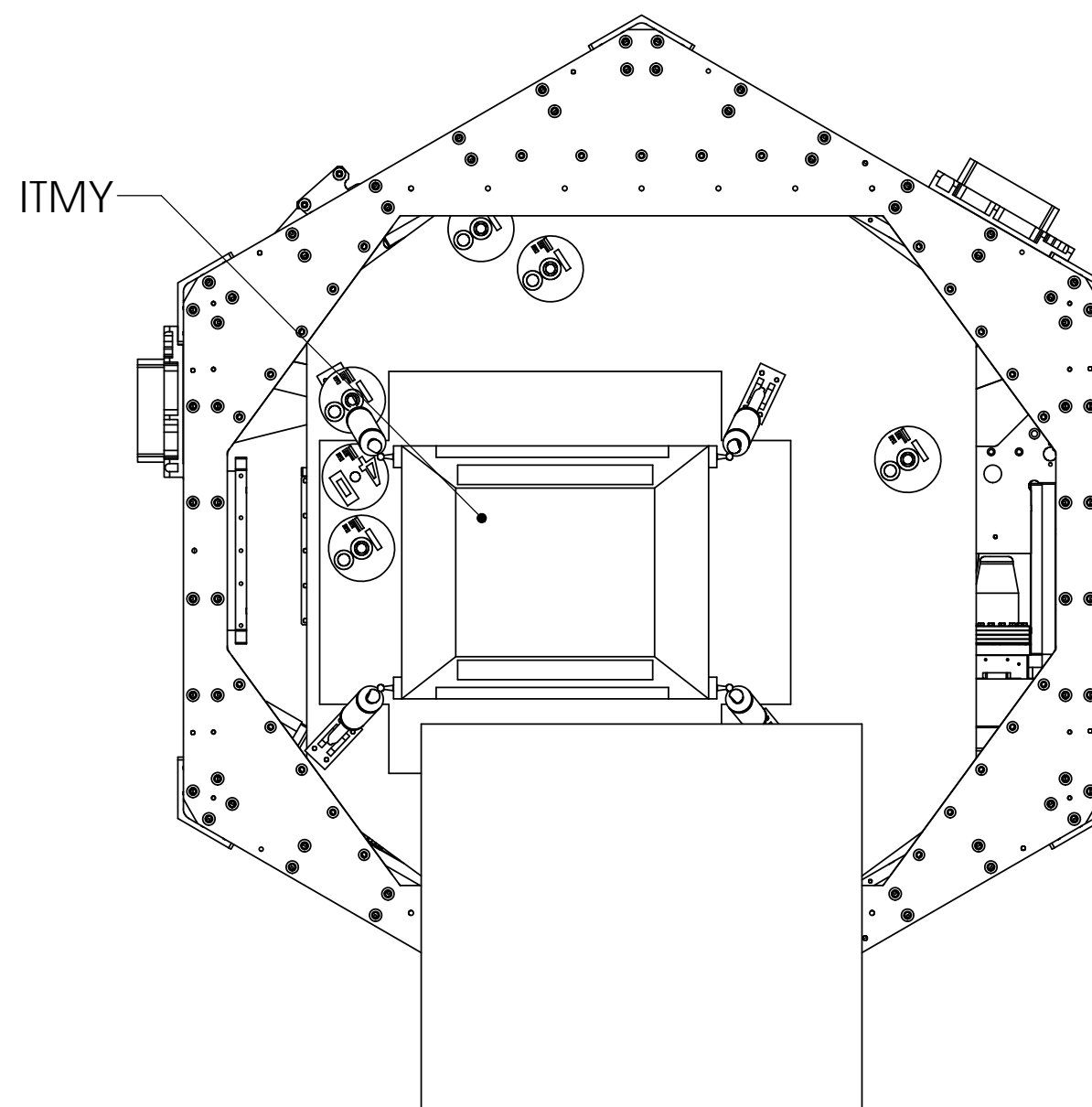
D0901137 BSC1-H1 Top Level Chamber Assembly, Complicated-1 PART PDM REV: X-001 DRAWING PDM REV: X-001

NOTES CONTINUED:  
 5 Reference DCC # 1010076-02

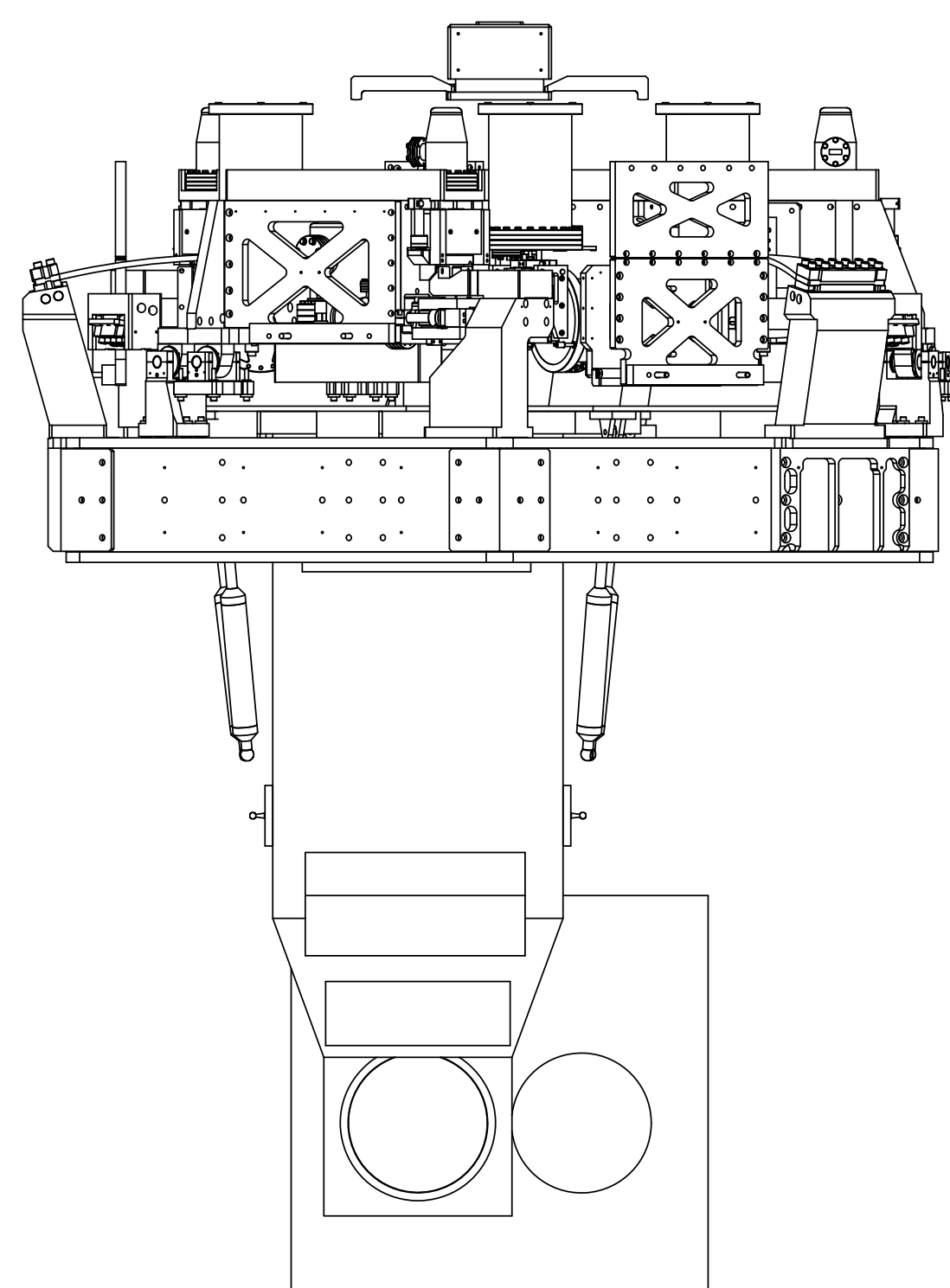
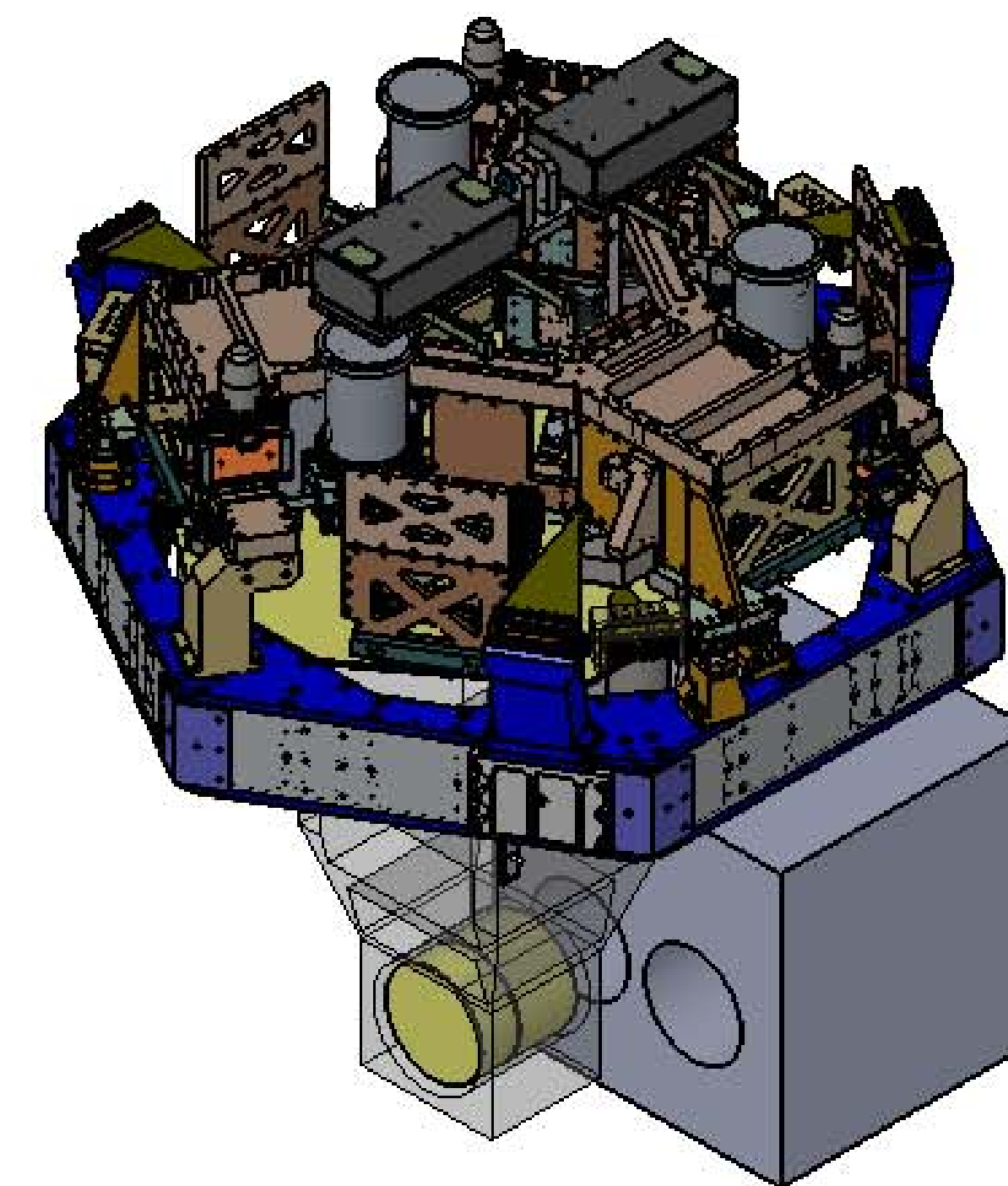
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



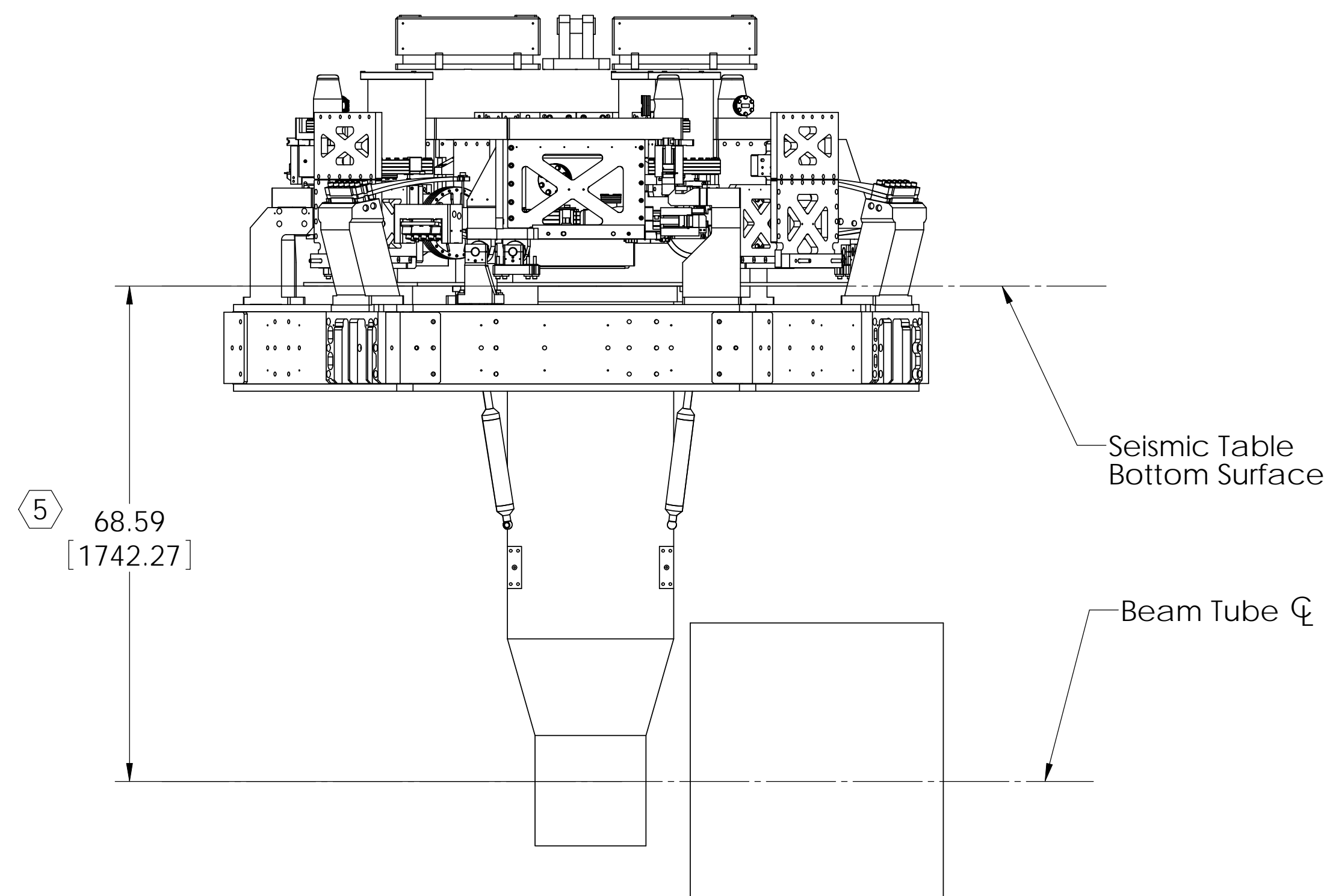
**TOP VIEW**



**BOTTOM VIEW**



**FRONT VIEW**



**RIGHT SIDE VIEW**

BSC1-H1	
GLOBAL COORDINATES (mm)	
X	0.0
Y	4580.0
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

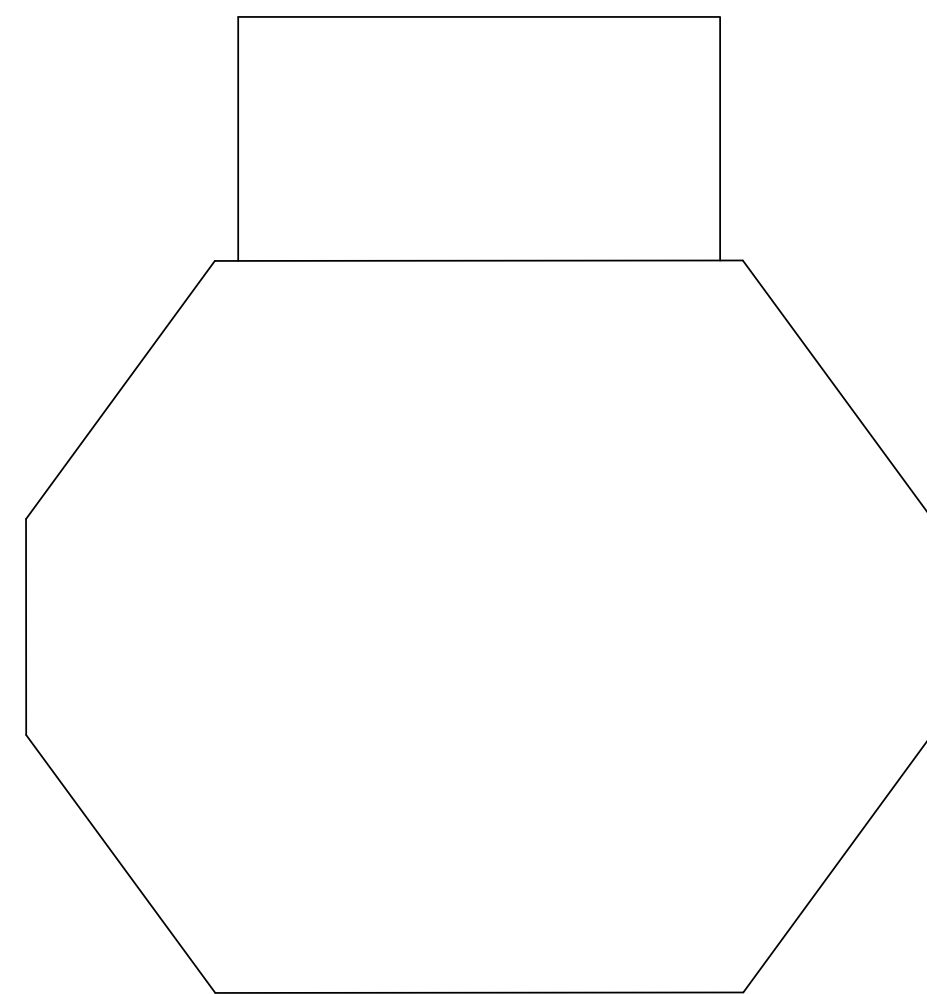
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME BSC1-H1 Top Level Chamber Assembly, Fully Defined	
SYSTEM ADVANCED LIGO	SUB-SYSTEM SUS	DESIGNER ED CHAVEZ	DATE 27 JUL 2009
NEXT ASSY	CHECKER	SIZE D	DWG. NO. D0901137
APPROVAL	SCALE: 1:32	PROJECTION:	REV. v2

APPROVAL	SCALE: 1:32	PROJECTION:	SHEET 2 OF 4
----------	-------------	-------------	--------------

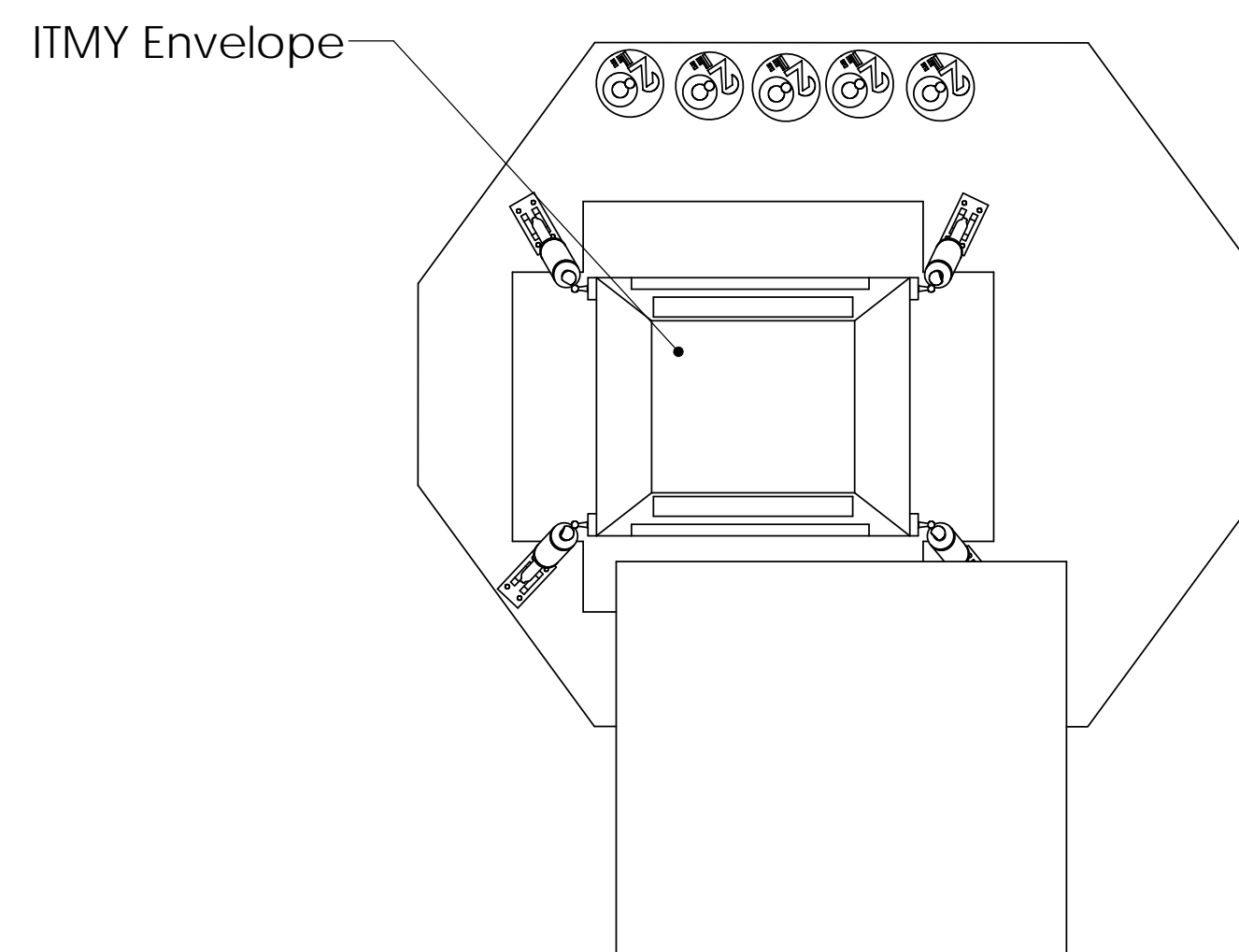
D0901137 BSC1-H1 Top Level Chamber Assembly, Complicated II, PART PDM REV: X-003, DRAWING PDM REV: X-003

NOTES CONTINUED:  
 5 Reference DCC # 1010076-02

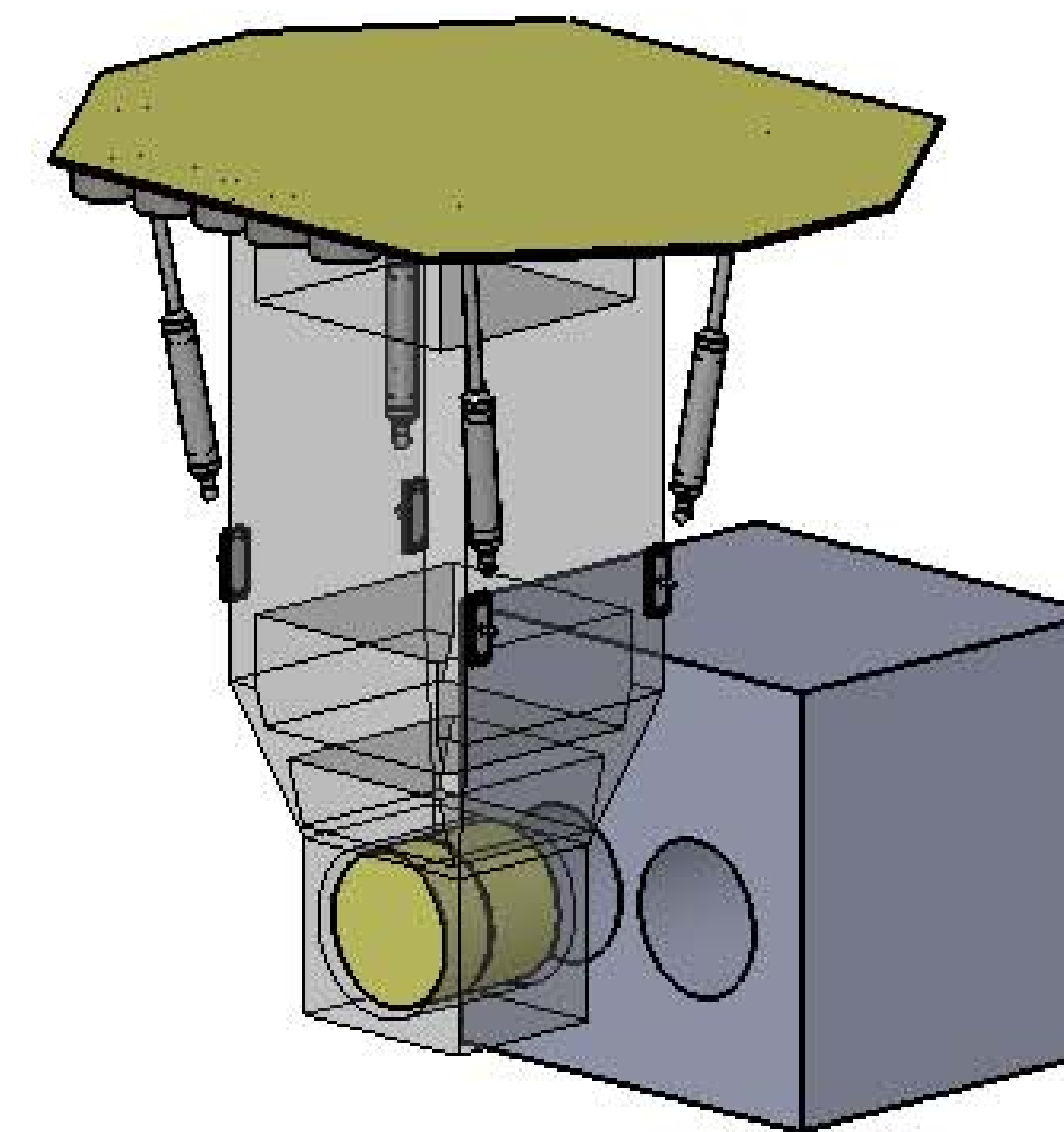
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



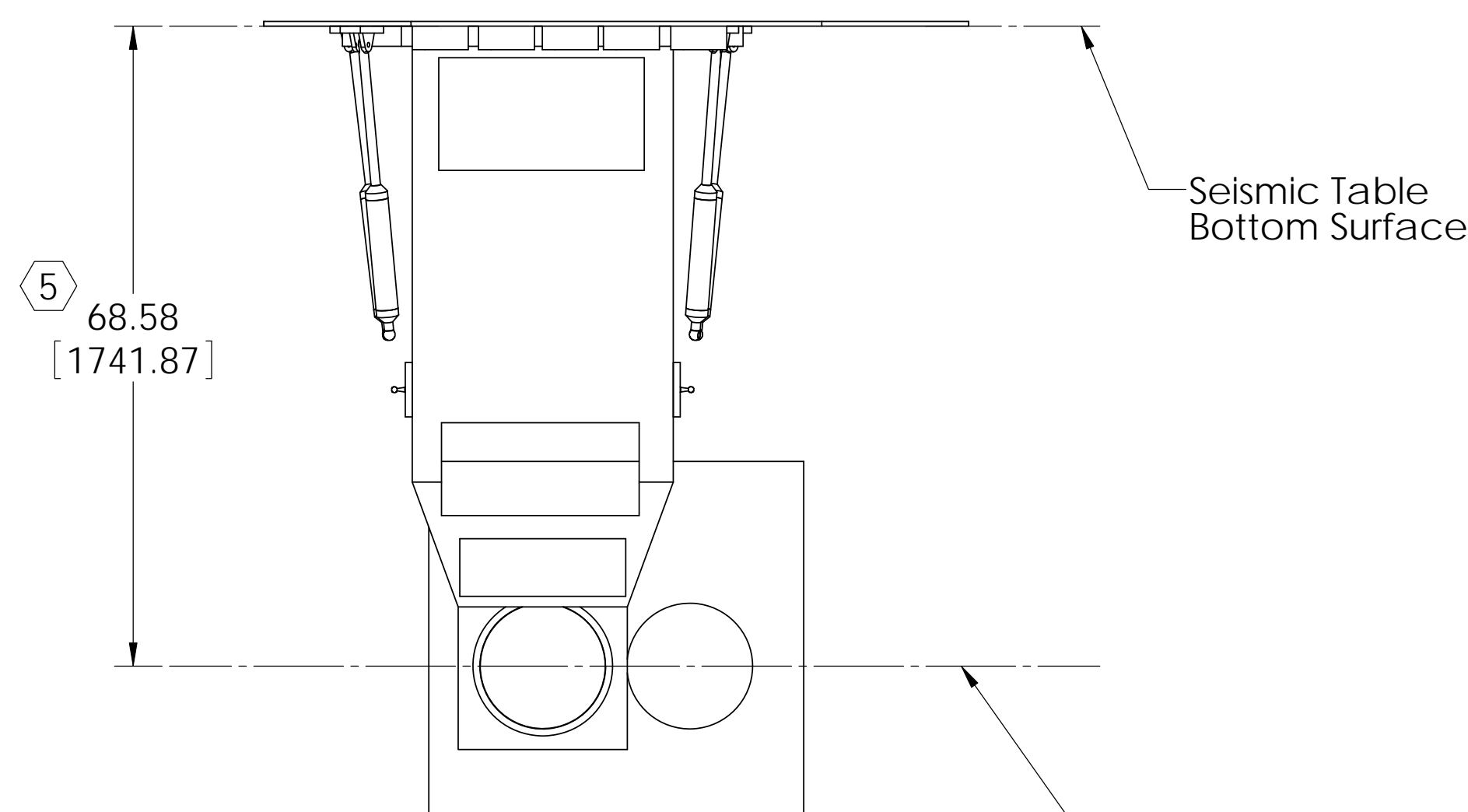
**TOP VIEW**



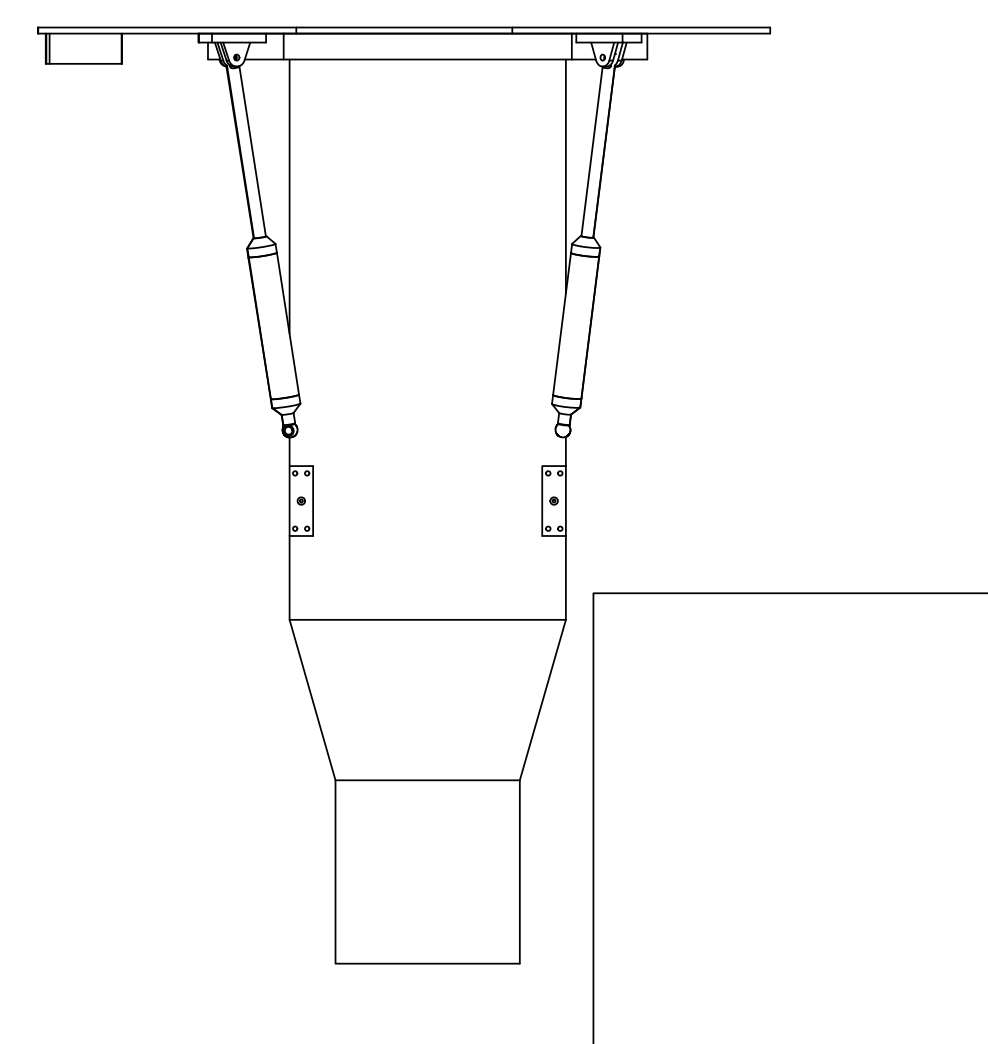
**BOTTOM VIEW**



**NO SUSPENDED MASS &  
 NO CHAMBER SHOWN**



**FRONT VIEW**



**RIGHT SIDE VIEW**

<b>BSC1-H1</b>	
CofG COORDINATES (mm)	
X	-59.6
Y	488.4
Z	437.8
TABLE MASS W/NO SUS-MASS TOTAL	546.52

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

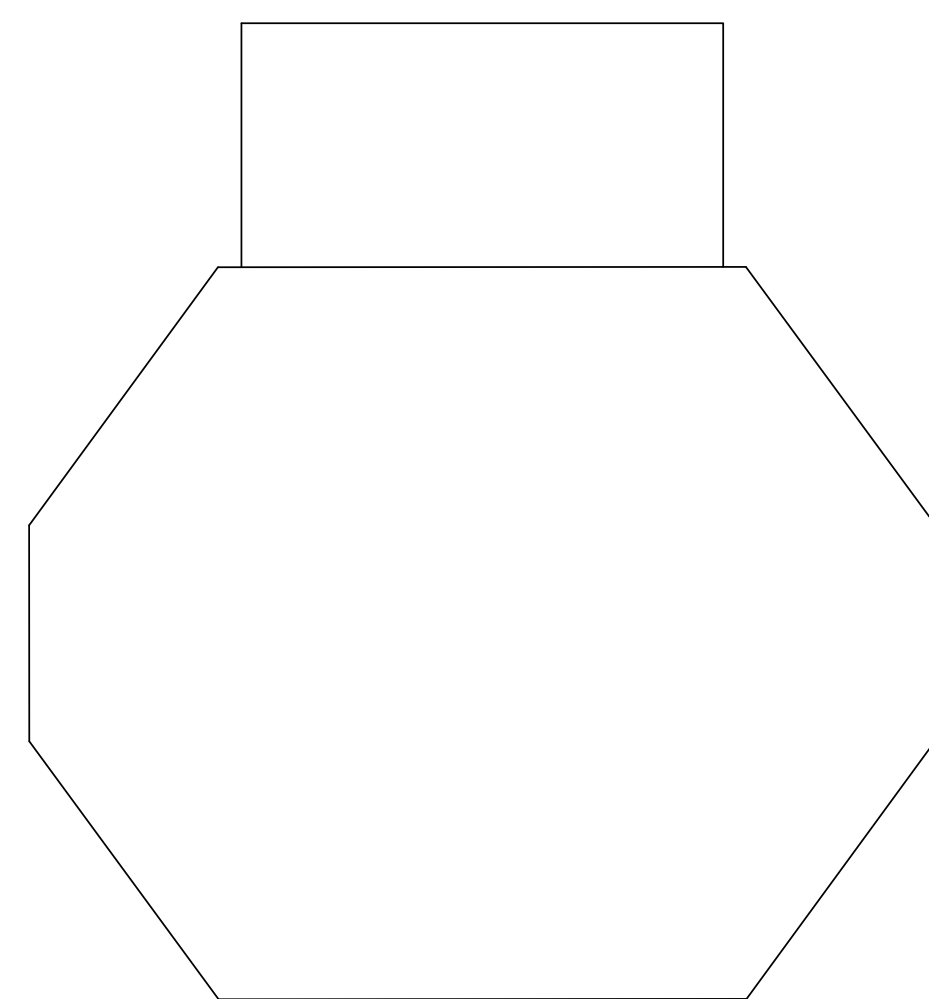
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	SUS
NEXT ASSY	

PART NAME			
BSC1-H1 Top Level Chamber Assembly, Simplified			
DESIGNER	DATE	SIZE	DWG. NO.
	ED CHAVEZ	D	D0901137
CHECKER		SCALE: 1:24	PROJECTION:
APPROVAL			SHEET 3 OF 4

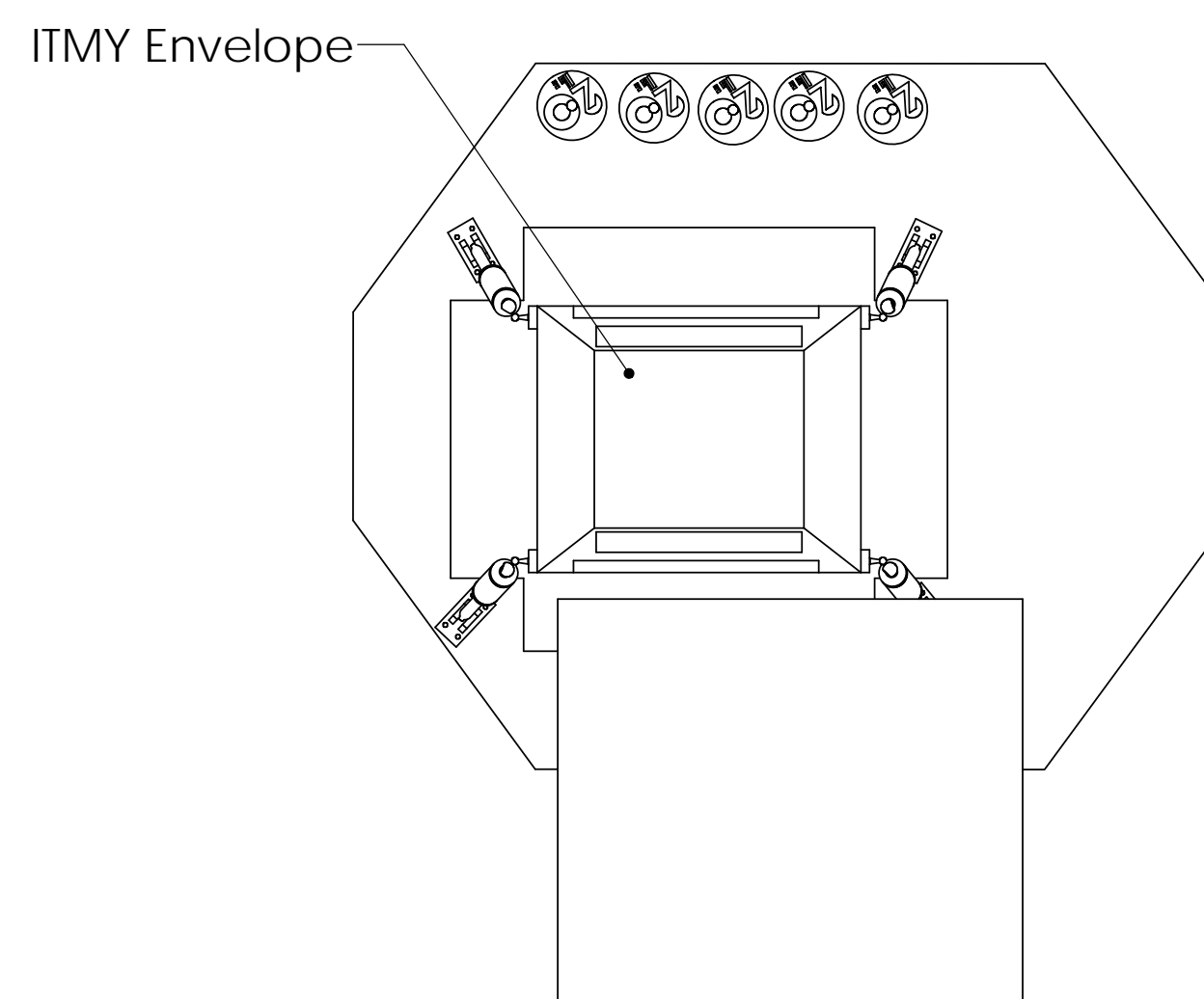
D0901137 BSC1-H1 Top Level Chamber Assembly, Simplified.L PART PDM REV: X.001, DRAWING PDM REV: 2

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

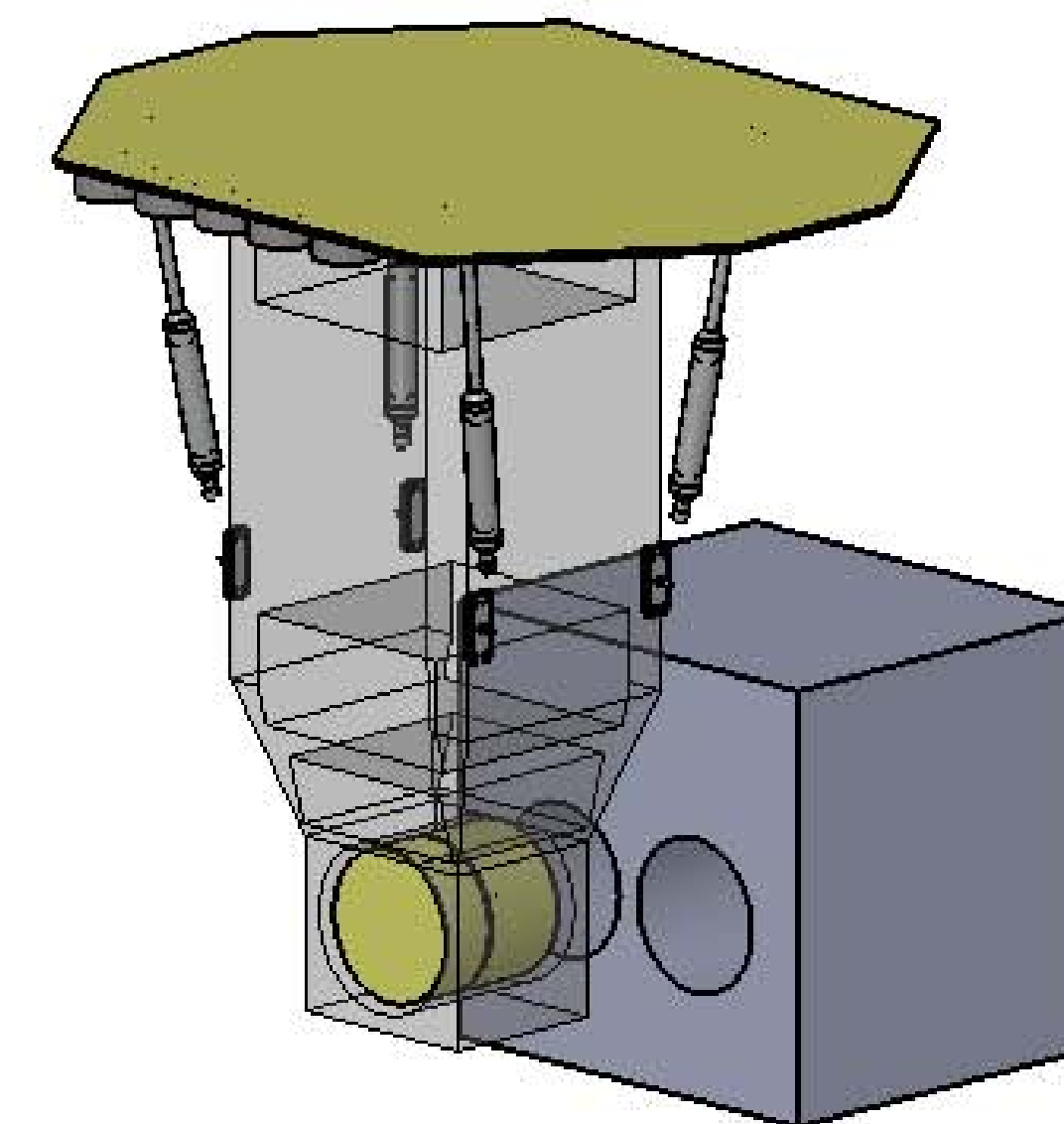
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



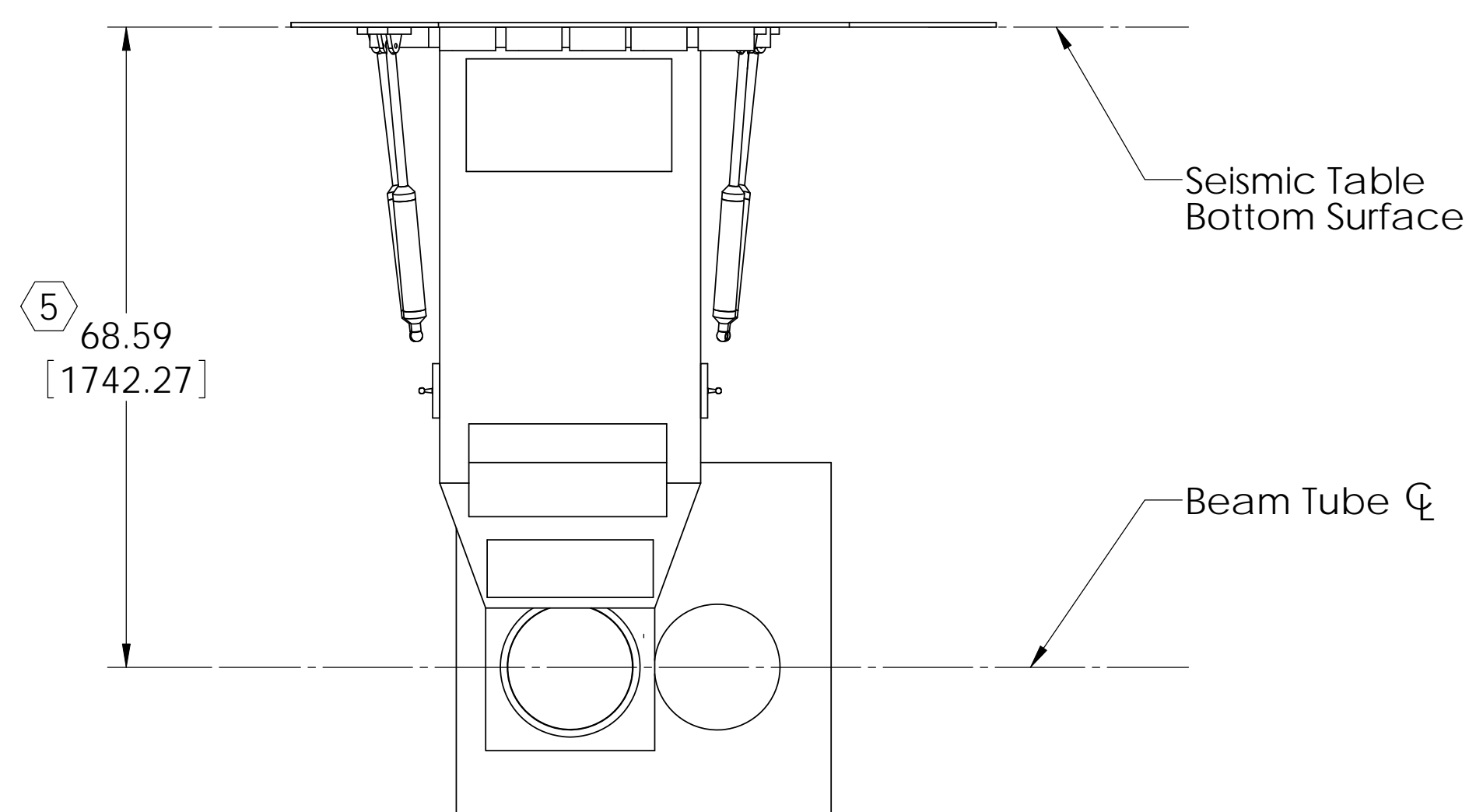
**TOP VIEW**



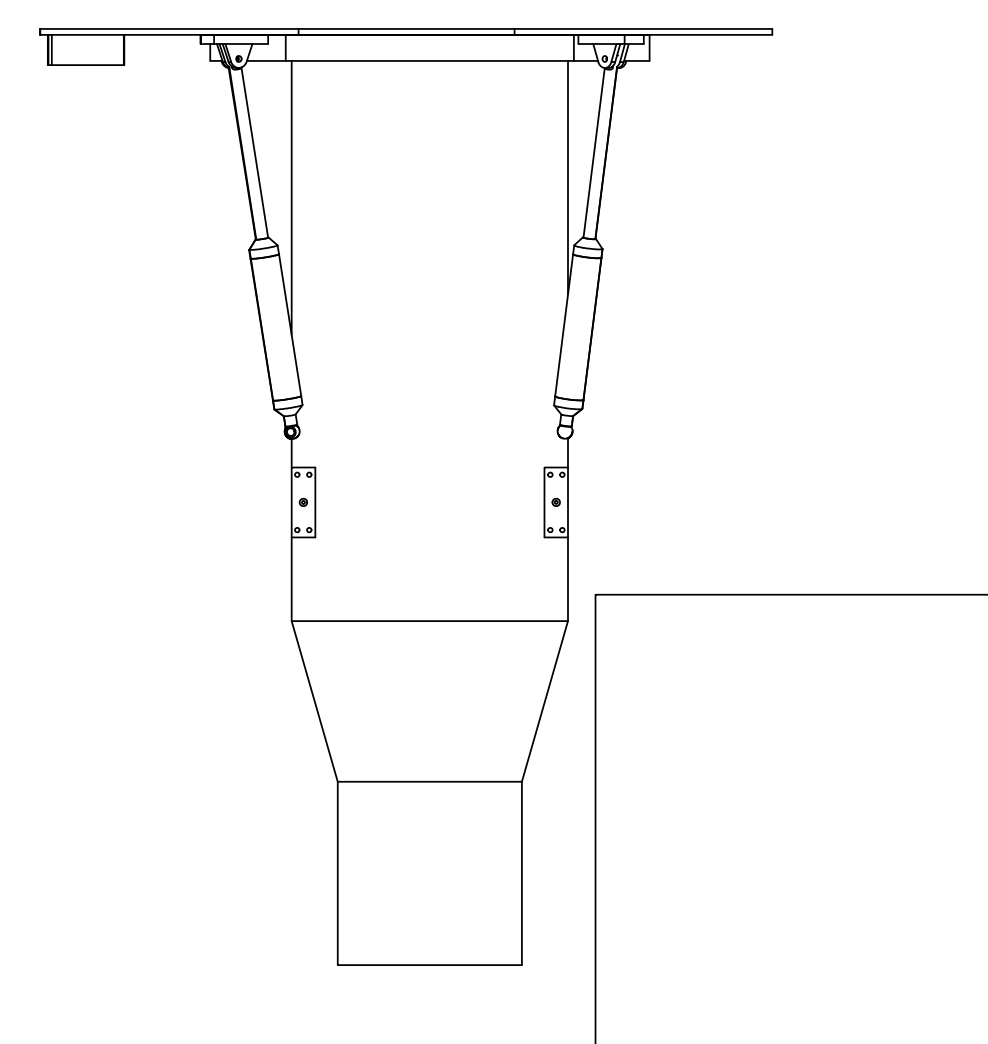
**BOTTOM VIEW**



**TABLE MASS TOTAL & NO CHAMBER SHOWN**



**FRONT VIEW**



**RIGHT SIDE VIEW**

<b>BSC1-H1</b>	
CofG COORDINATES (mm)	
X	-285.17
Y	280.72
Z	464.04
TABLE MASS TOTAL	800.89

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		BSC1-H1 Top Level Chamber Assembly, Simplified	
DESIGNER	ED CHAVEZ	DATE	27 JUL 2009
CHECKER		SCALE	1:24
APPROVAL		PROJECTION	
SIZE	DWG. NO.	REV.	
D	D0901137	v2	
SHEET 4 OF 4			

D0901137 BSC1-H1 Top Level Chamber Assembly, Simplified.dwg PART PDM REV: X-001 DRAWING PDM REV: 2