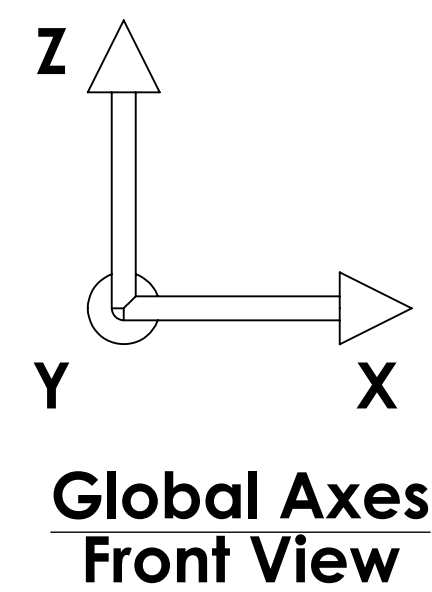
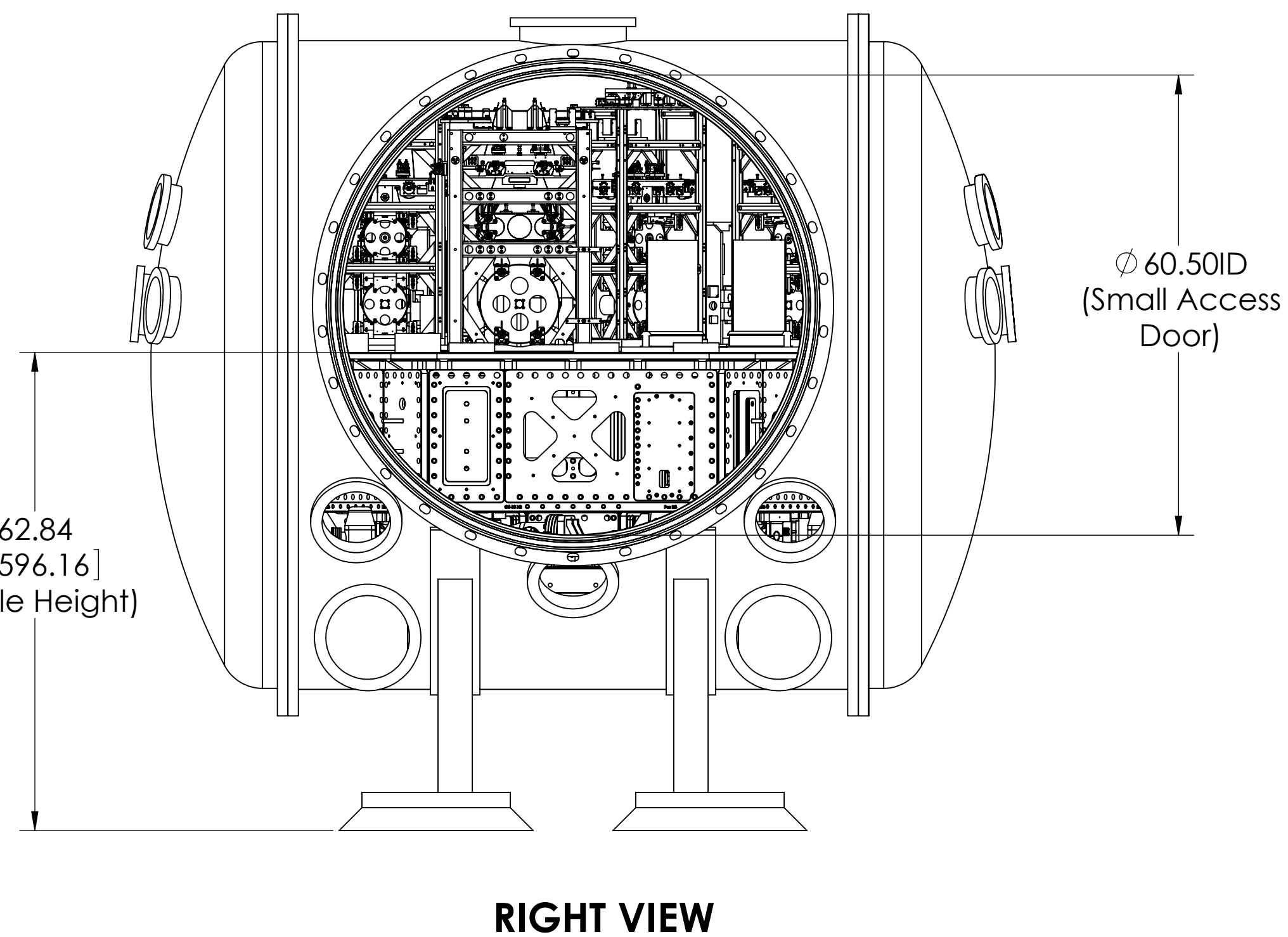
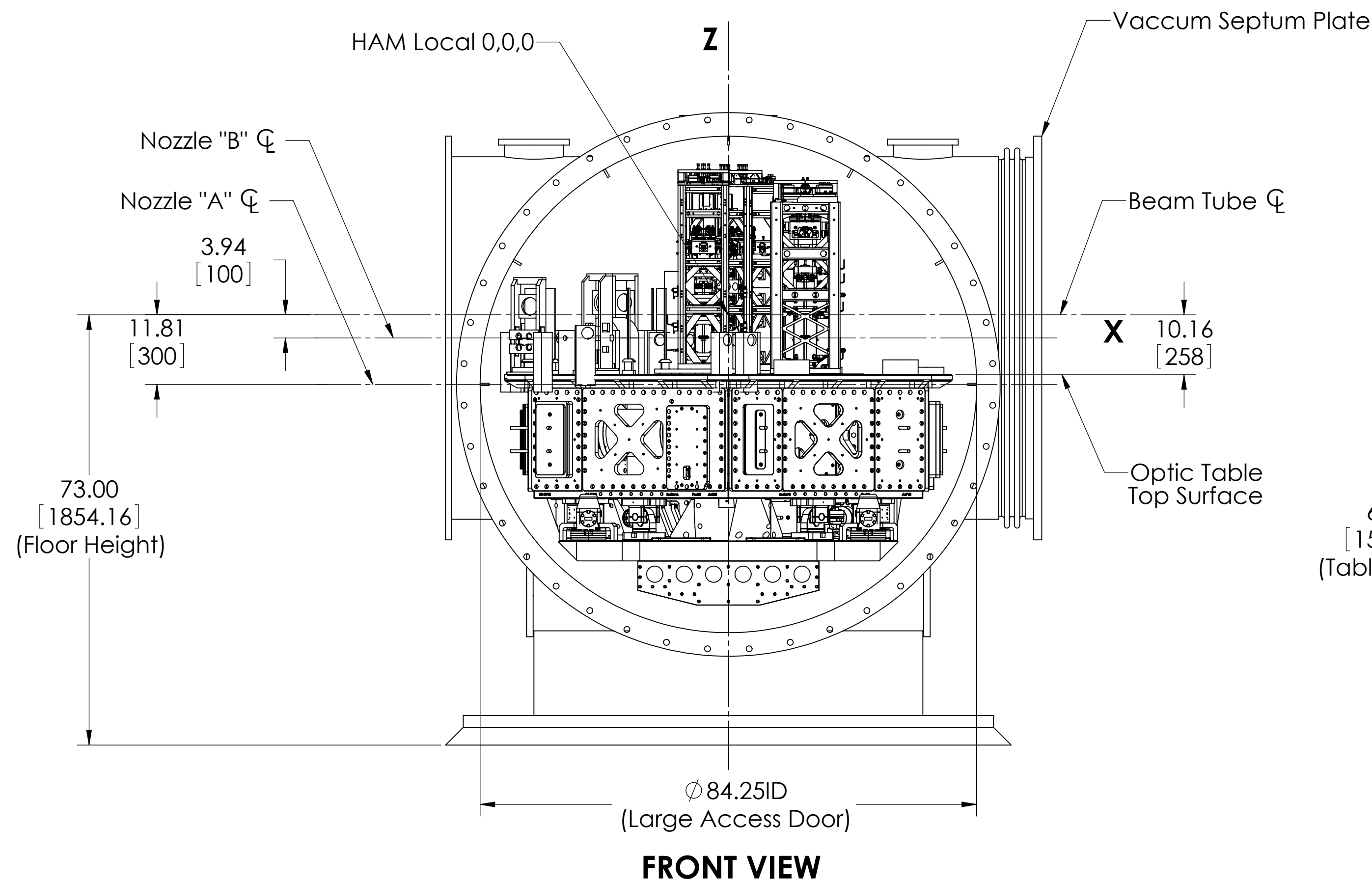
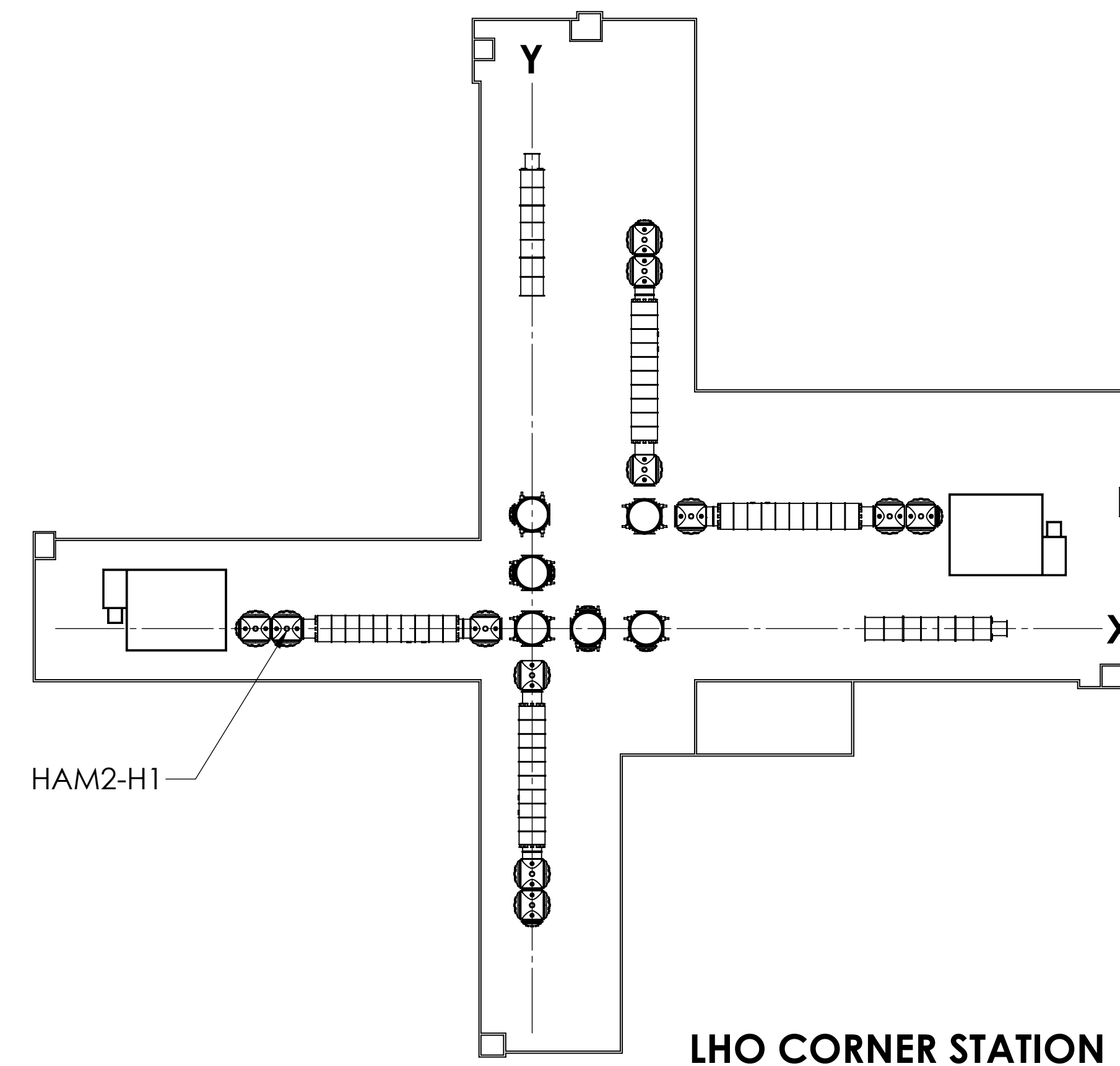
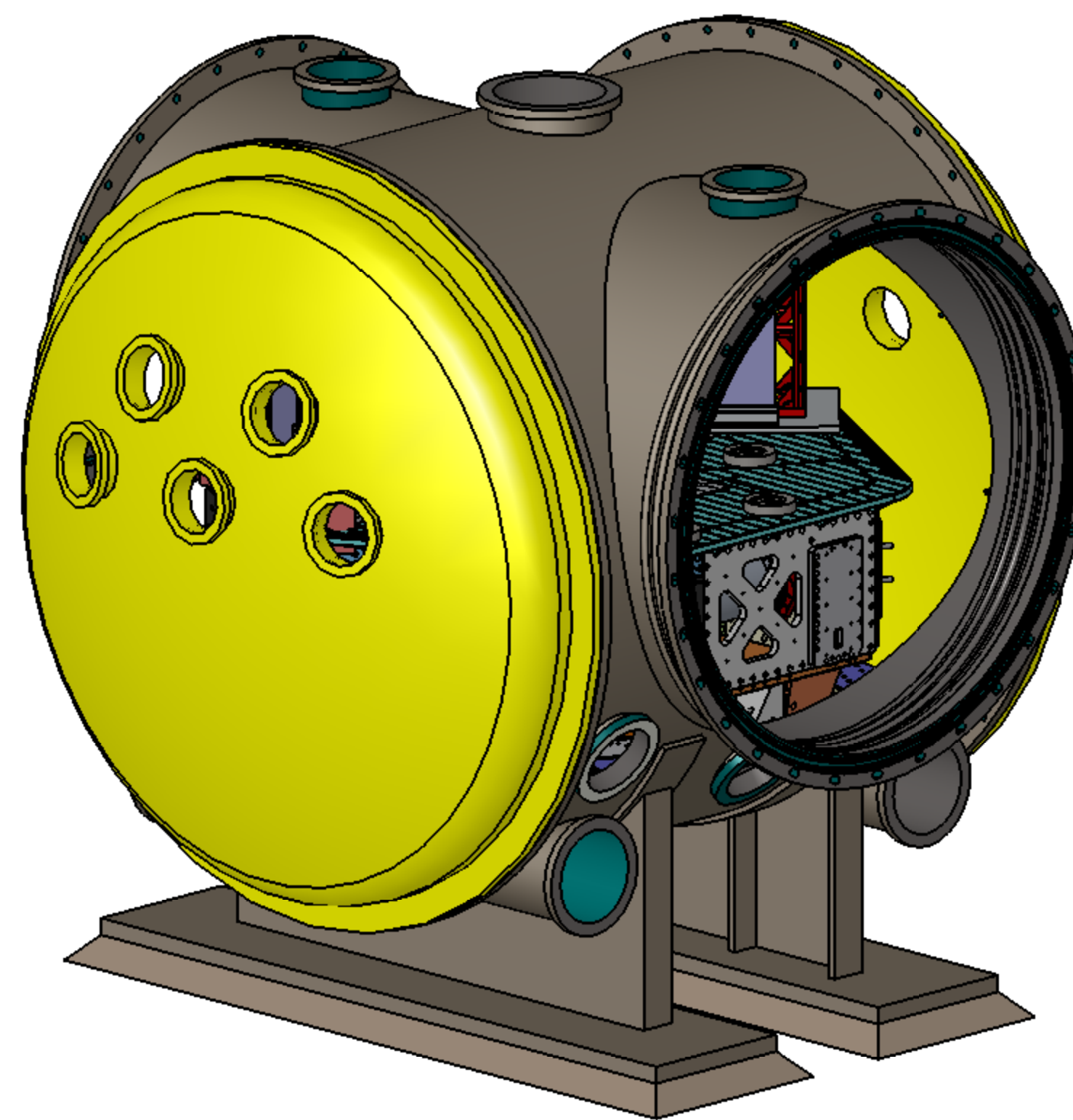
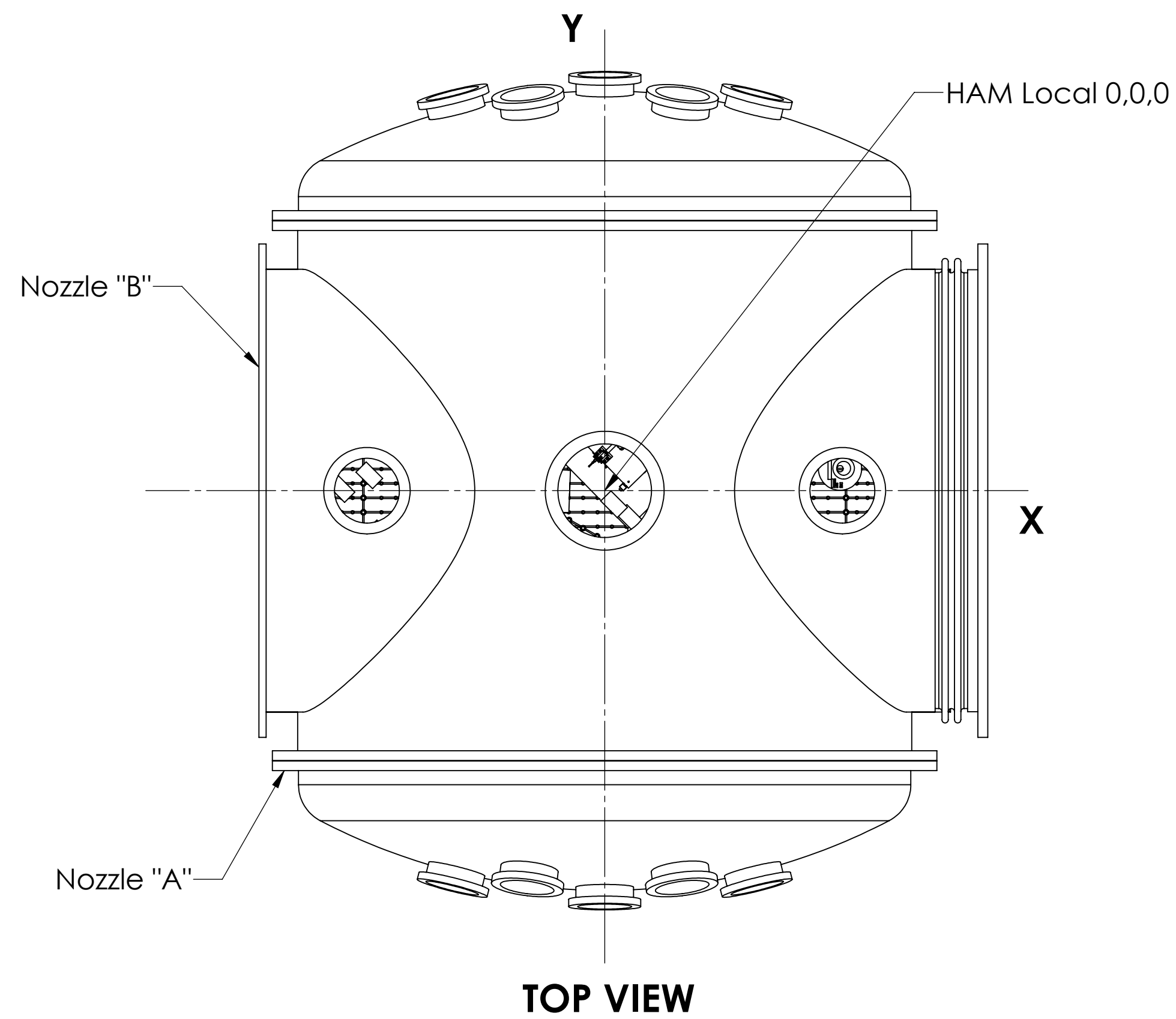


REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



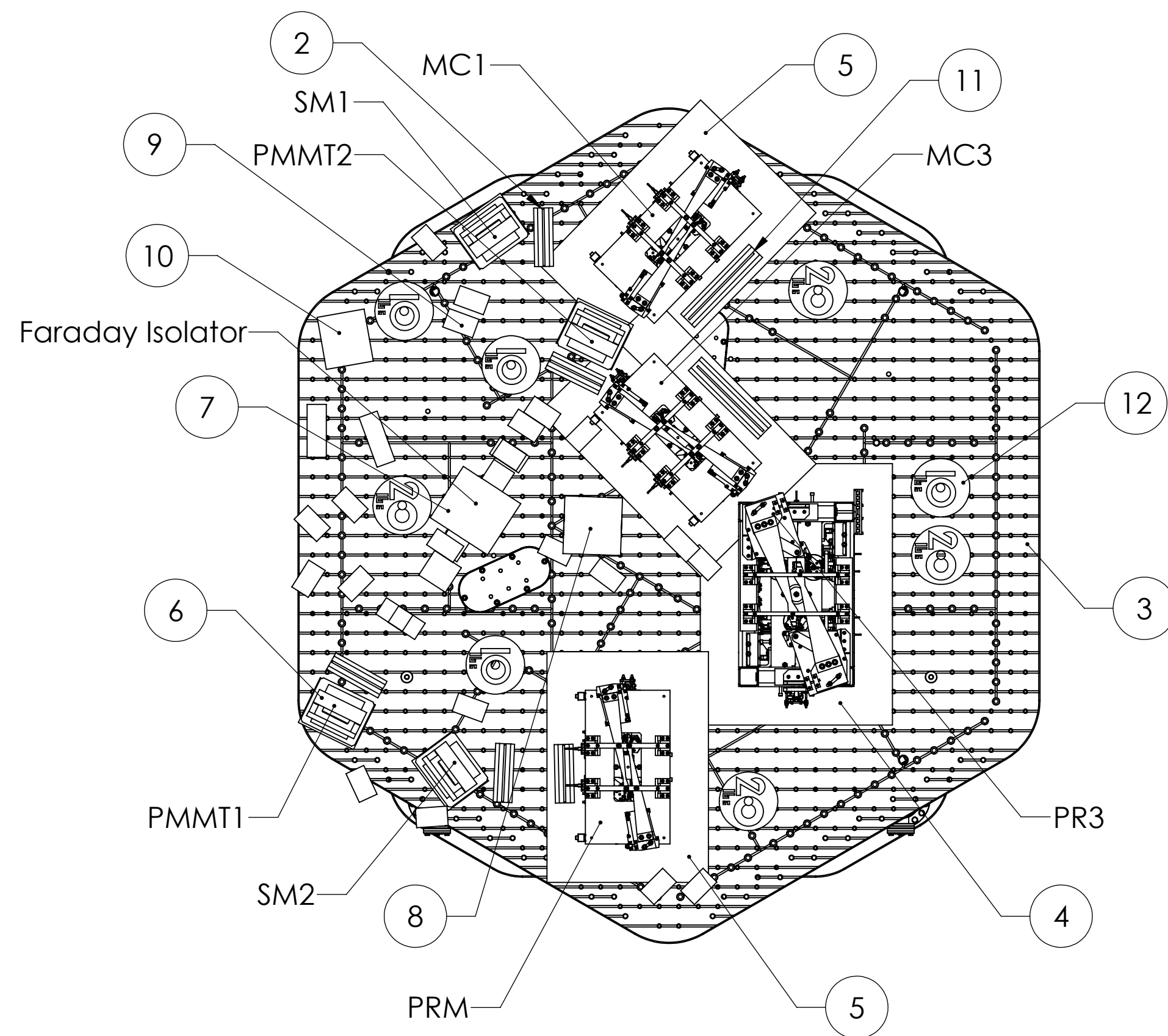
HAM2-H1 GLOBAL COORDINATES (mm)	
X	-20122.0
Y	0.0
Z	0.0

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

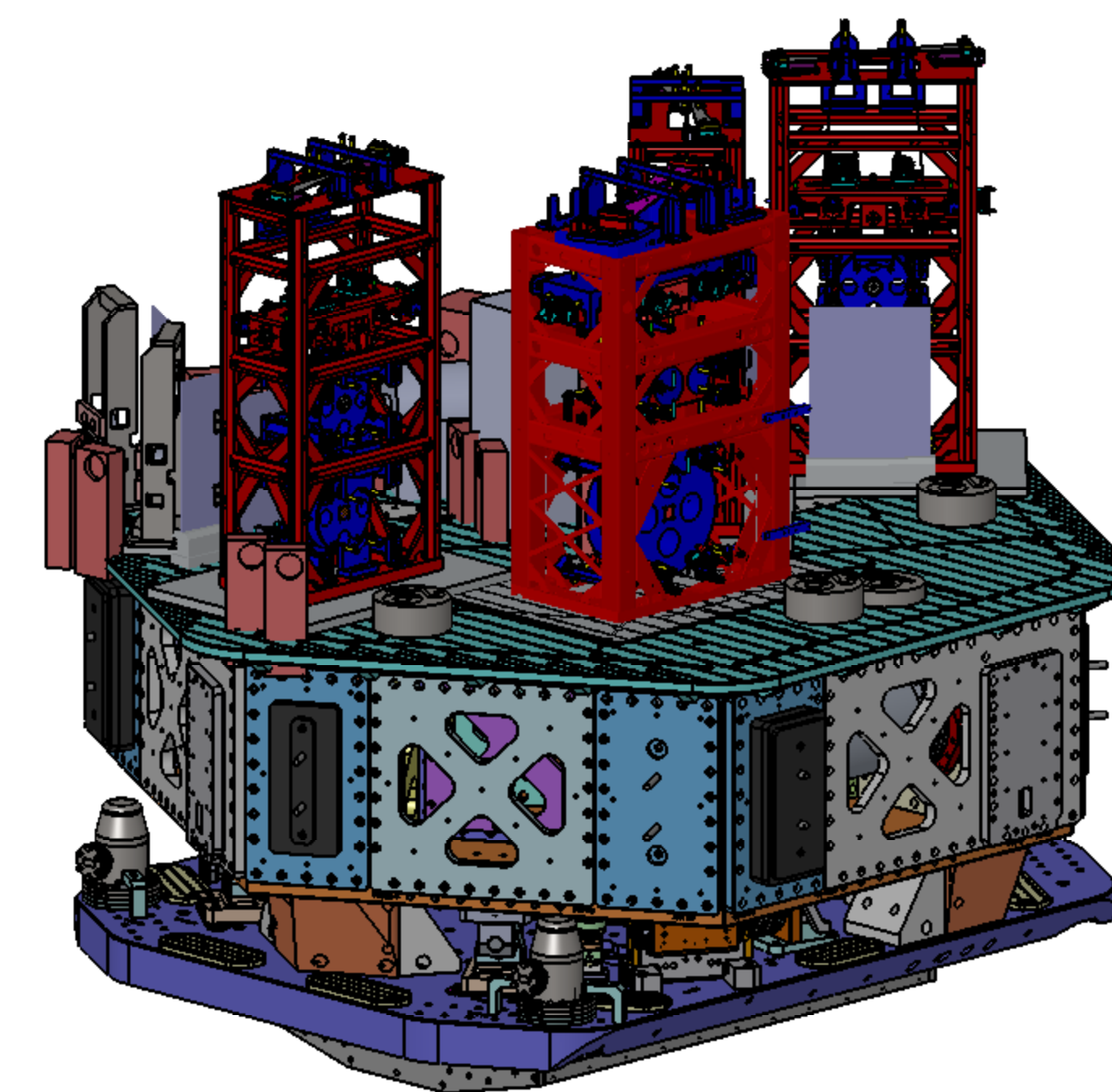
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME HAM2-H1 Top Level Chamber Assembly, Fully Defined
SYSTEM ADVANCED LIGO	SUB-SYSTEM SUS
DESIGNER	SIZE DWG. NO.
DRAFTER ED CHAVEZ	03 NOV 2009
CHECKER	D D0901083
APPROVAL	SCALE: 1:24 PROJECTION:

DESIGNER	SIZE DWG. NO.	REV.
DRAFTER ED CHAVEZ	03 NOV 2009	D D0901083
CHECKER		v3
APPROVAL	SCALE: 1:24 PROJECTION:	SHEET 1 OF 5

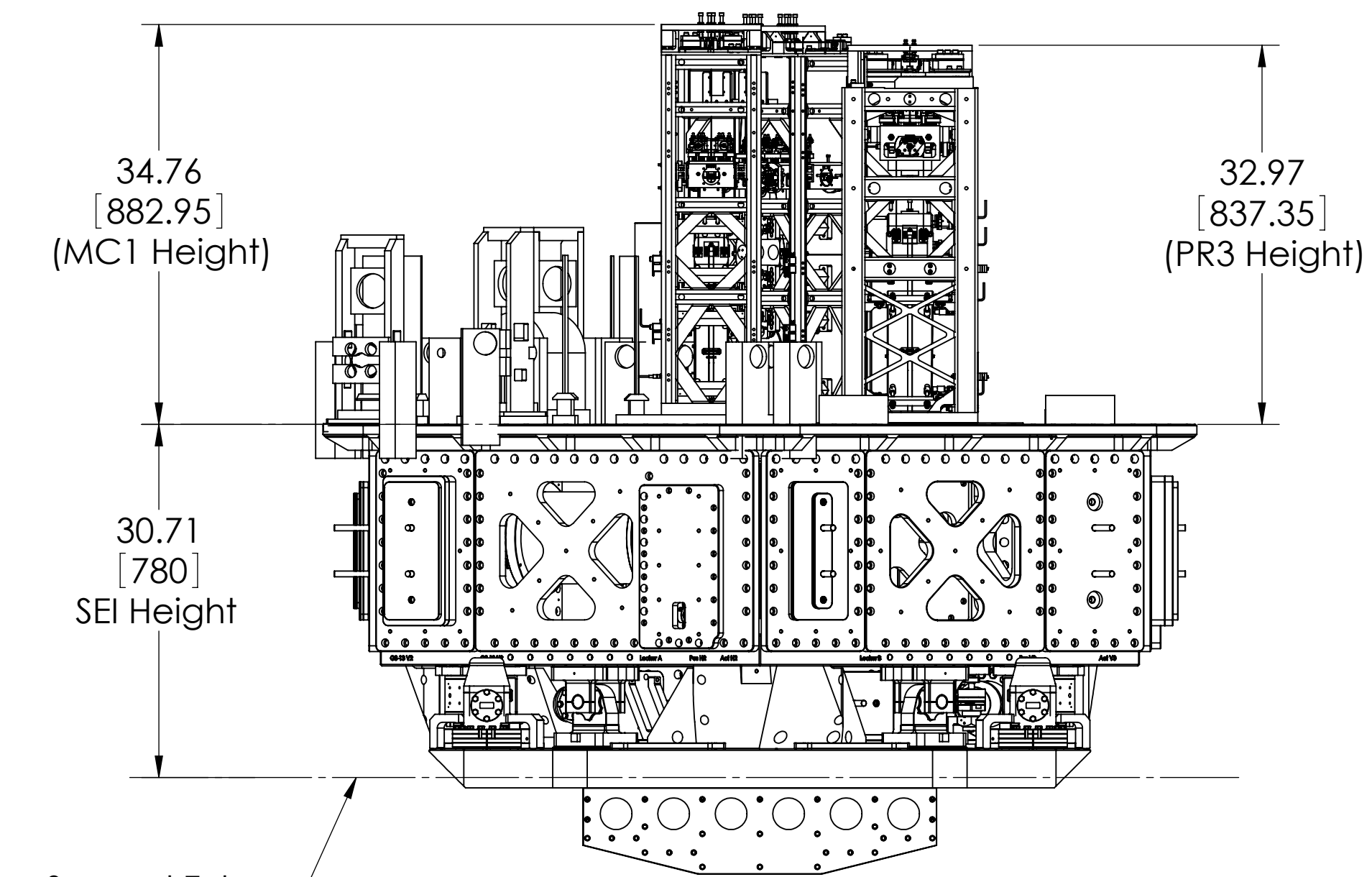
REV.	DATE	DCN #	DRAWING TREE #
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-	-	-	-
-	-	-	-



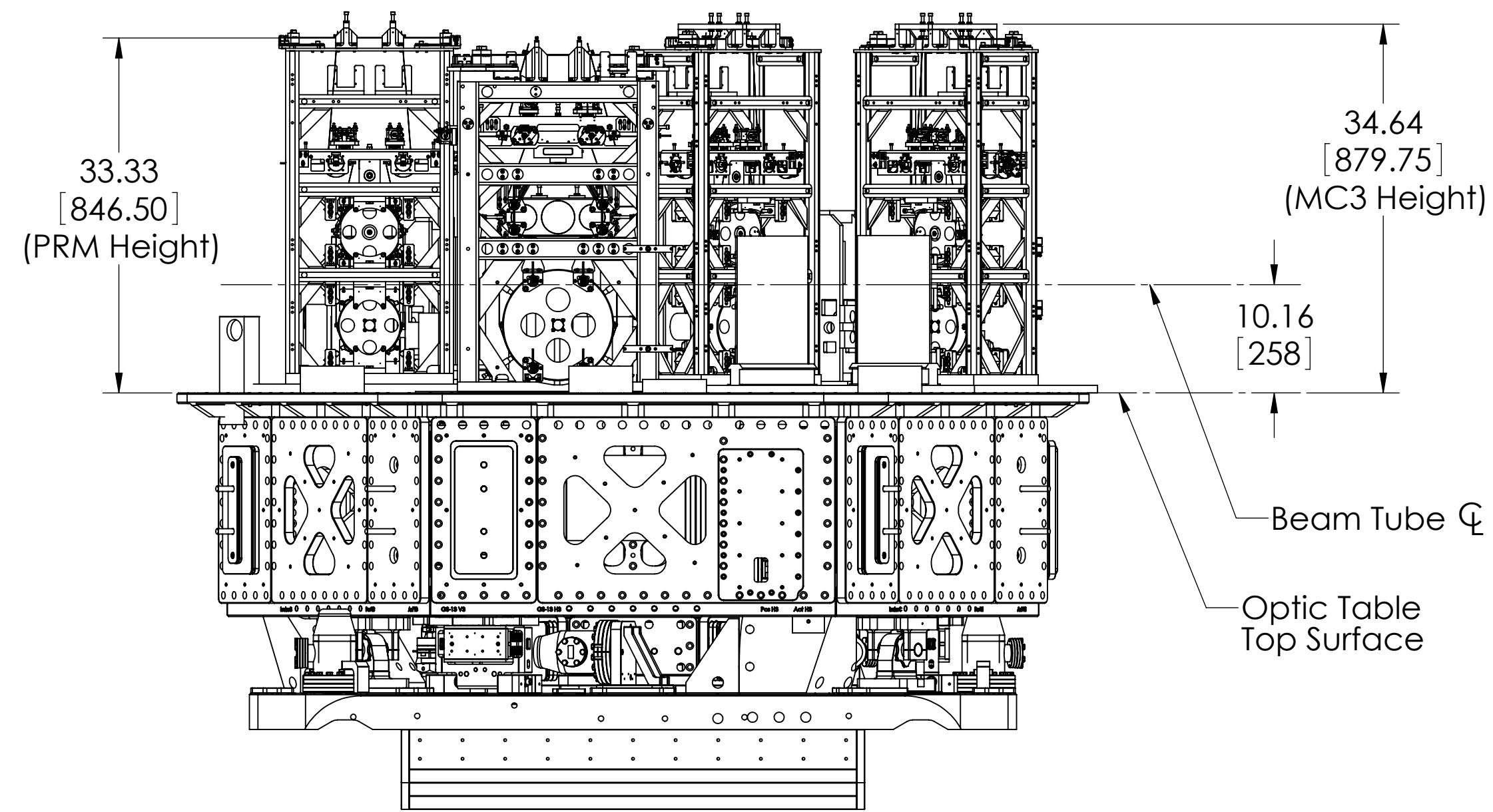
TOP VIEW



**ISO VIEW
(NO CHAMBER SHOWN)**



FRONT VIEW



RIGHT SIDE VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	Full/QTY.
12	D0901038	AdvLIGO Systems SEI Table Counterweight Assy Washington	--	1
11	D0902463	AdvLIGO Systems SEI Table AOS Table LG Baffle Assy	--	1
10	D090XXXX	AdvLIGO SUS HAM2-H1, XYZ Local CS for Fixed Mount Optics	N/A	1
9	D090XXXX	AdvLIGO SUS HAM2-H1, XYZ Local CS for DLC	N/A	1
8	D0901093	AdvLIGO IO HAM2-H1, XYZ Local CS for In Vacuum Periscope	N/A	1
7	D0901092	AdvLIGO IO HAM2-H1, XYZ Local CS for Faraday Isolator	--	1
6	D0901091	AdvLIGO IO HAM2-H1, XYZ Local CS for SOS Assy (SM1, SM2, PMMT1, PMMT2)	--	1
5	D0901087	AdvLIGO SUS HAM2-H1, XYZ Local CS for HSTS (MC1, MC3, PRM)	--	1
4	D0901086	AdvLIGO SUS HAM2-H1, XYZ Local CS for HLTS (PR3)	--	1
3	D0901085	AdvLIGO, SEI HAM2-H1, XYZ Local CS for ISO Table	--	1
2	D0900343	AdvLIGO Systems SEI Table AOS Table Baffle Assy	--	1
1	D0901084	AdvLIGO VE HAM2-H1, Vacuum Equipment Assembly	--	1

HAM2-H1 GLOBAL COORDINATES (mm)	
X	-20122.0
Y	0.0
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

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS

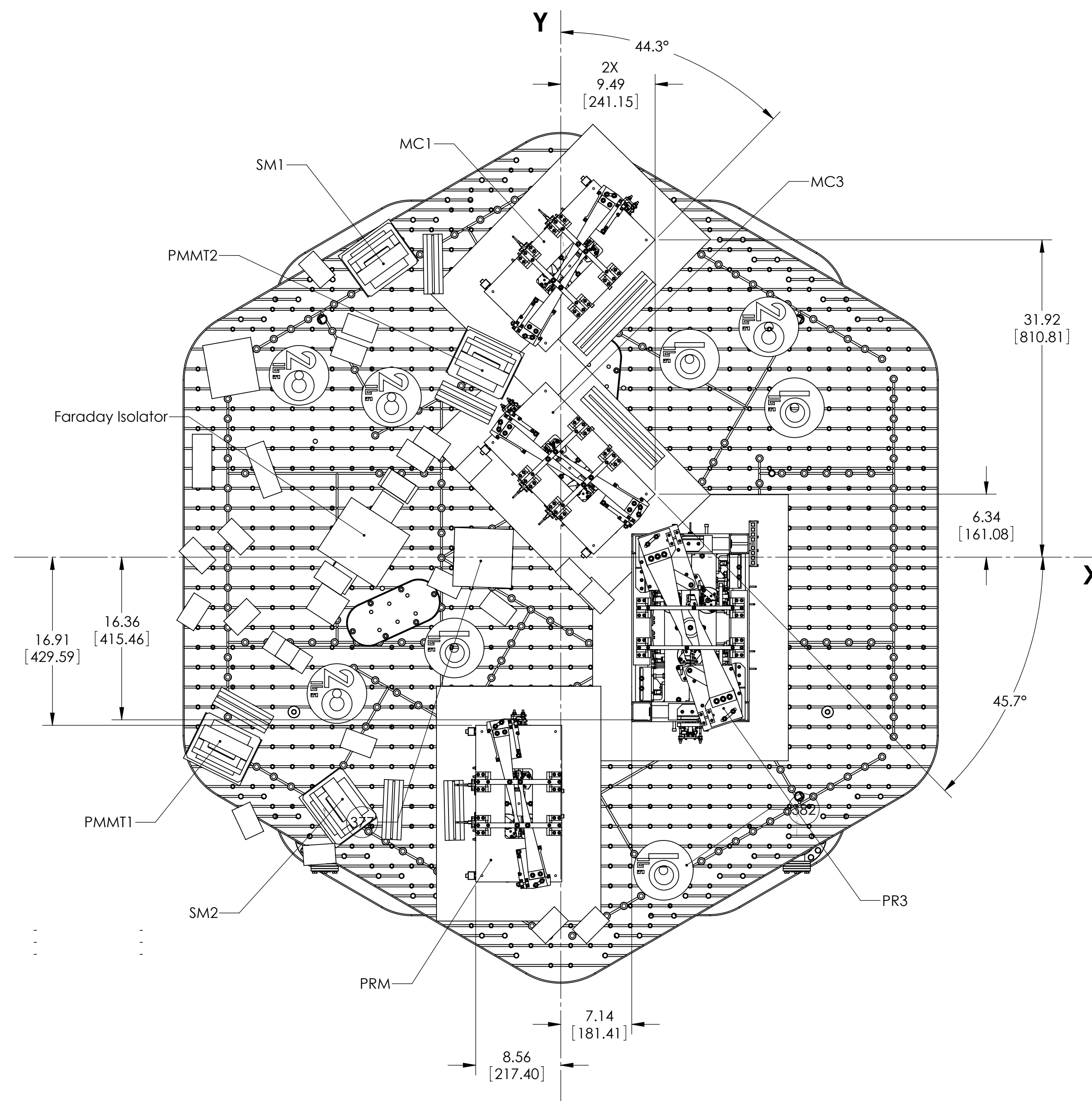
NEXT ASSY:

PART NAME: HAM2-H1 Top Level Chamber Assembly, Fully Defined

DESIGNER	ED CHAVEZ	DATE	04 NOV 2009	SIZE	DWG. NO.	REV.
CHECKER				D	D0901083	v3
APPROVAL				SCALE: 1:24	PROJECTION:	SHEET 2 OF 5

D0901083 HAM2-H1 Top Level Chamber Assembly, Complicated II, PART FDM REV: X-020, DRAWING FDM REV: X-000

REV.	DATE	DCN #	DRAWING TREE #



TOP VIEW

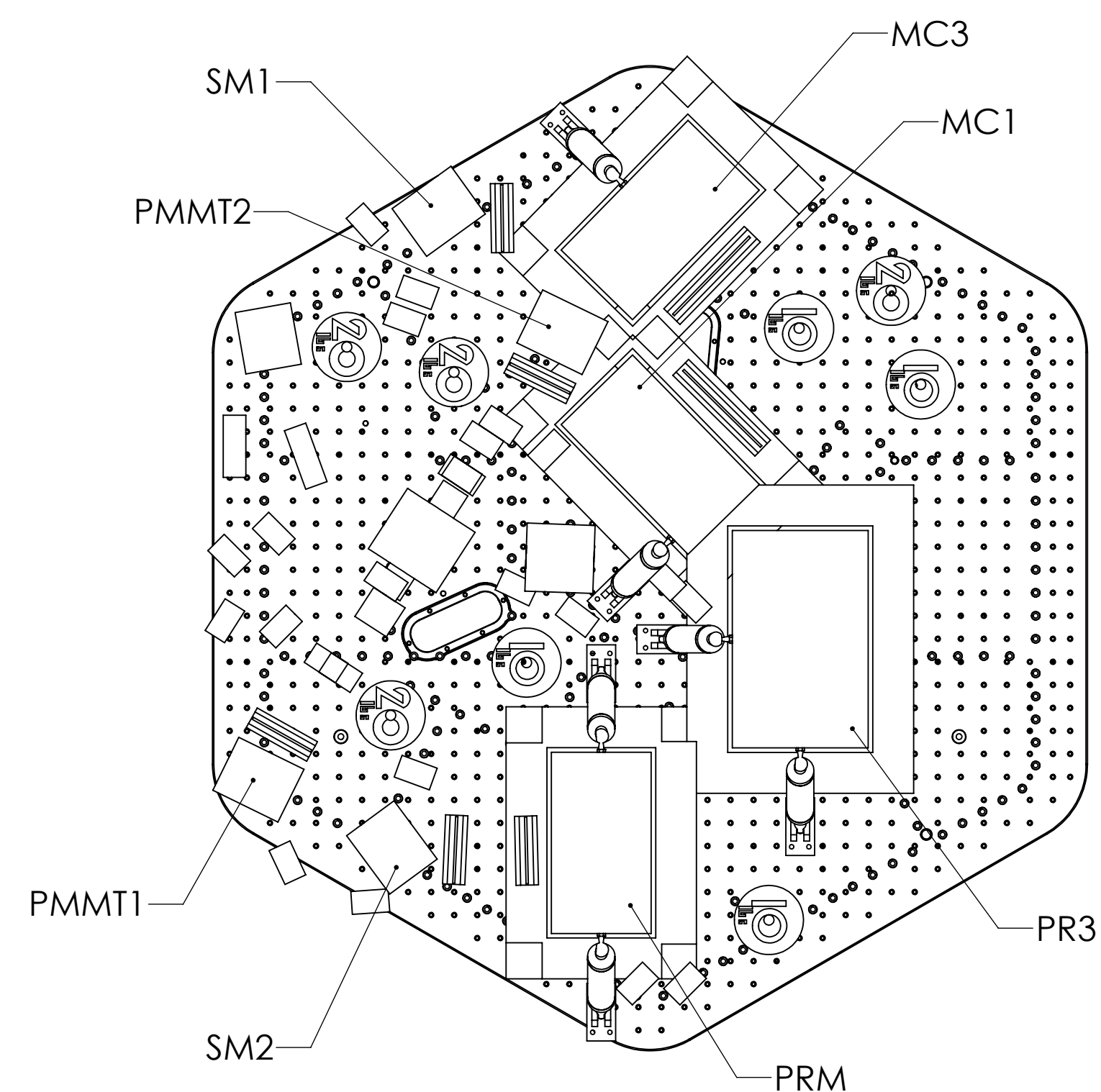
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN	
TOLERANCES:	
.XX ±	
.XXX ±	
ANGULAR ± °	
MATERIAL	--
FINISH	-- μinch

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

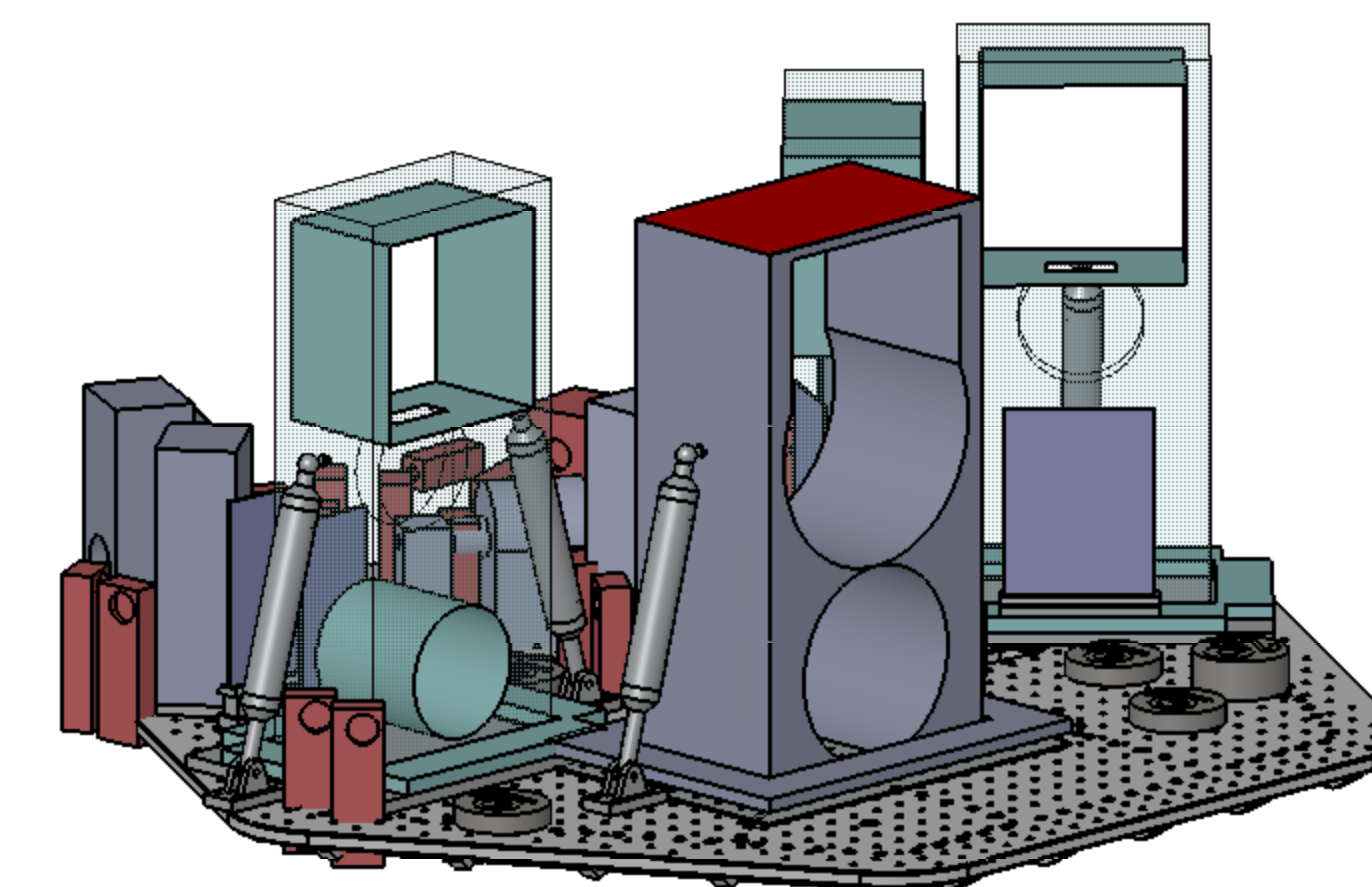
PART NAME			
HAM2-H1 Top Level Chamber Assembly, Fully Defined			
DESIGNER	SIZE	DWG. NO.	REV.
DRAFTER	D	D0901083	v3
CHECKER	SCALE: 1:2	PROJECTION:	SHEET 3 OF 5
APPROVAL			

DD0901083-HAM2-H1 Top Level Chamber Assembly, Complicated III, PART PDM REV: X-020, DRAWING PDM REV: B

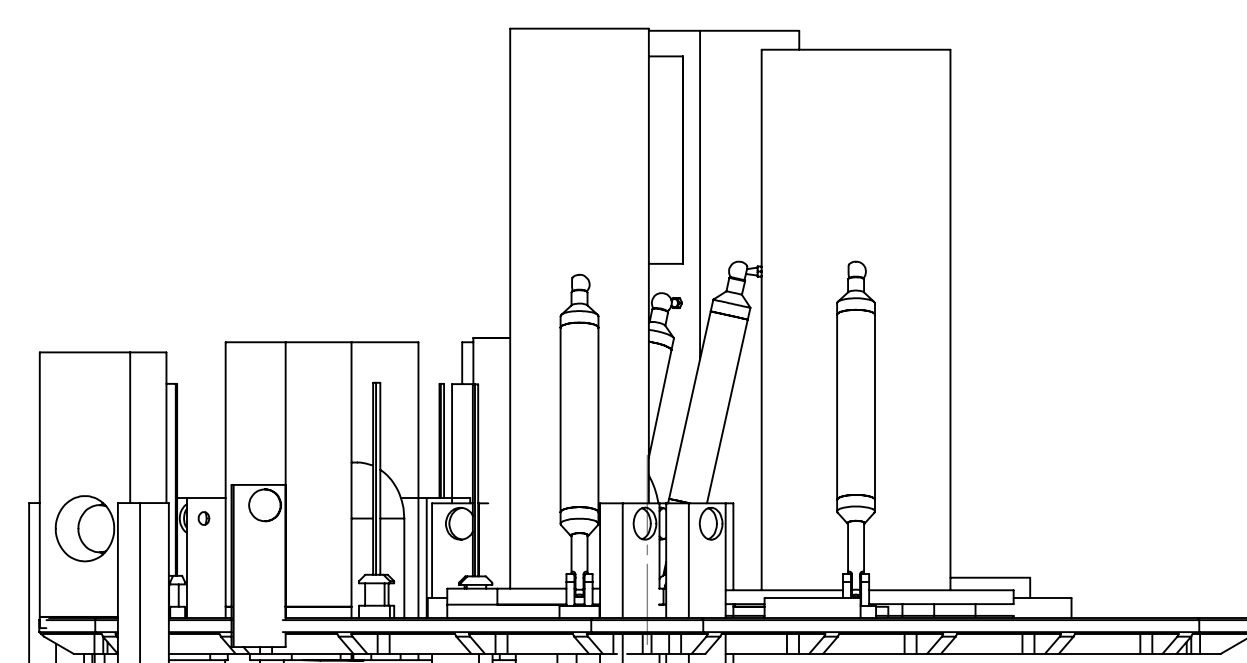
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



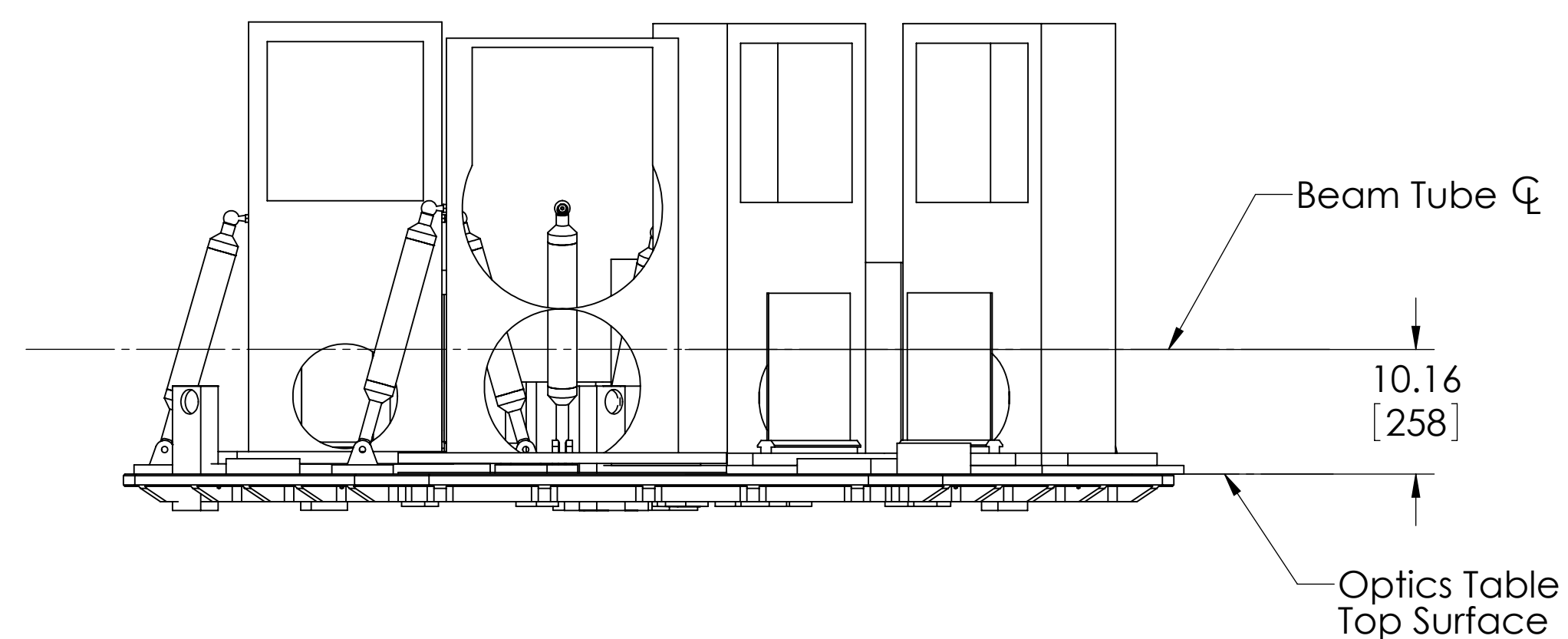
TOP VIEW



**NO SUSPENDED MASS &
NO CHAMBER SHOWN**



FRONT VIEW



RIGHT SIDE VIEW

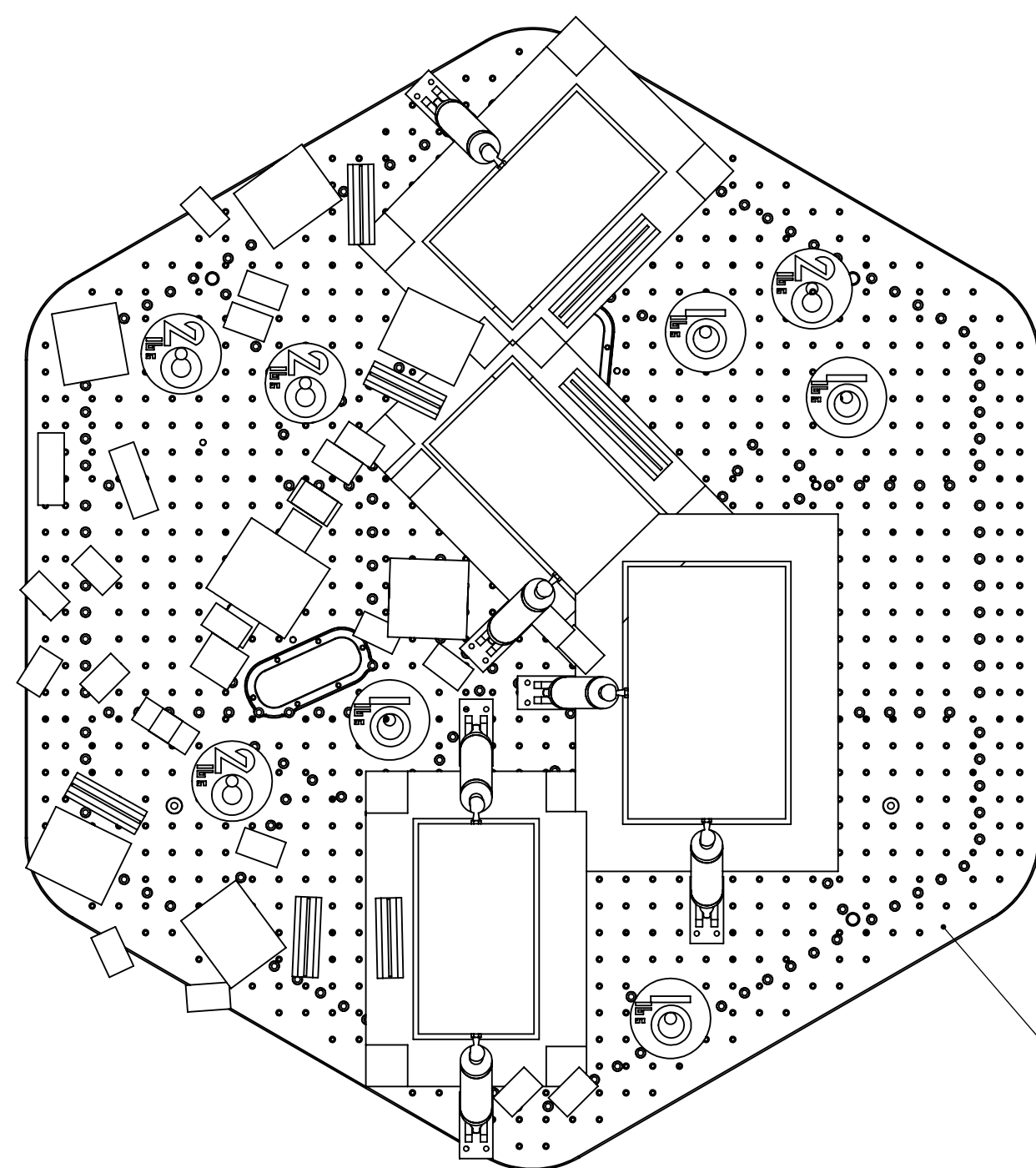
HAM2-H1	
CofG COORDINATES (mm)	
X	-38.21
Y	16.66
Z	16.64
TABLE MASS W/NO SUS-MASS TOTAL	446.33

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES		ADVANCED LIGO		HAM2-H1 Top Level Chamber Assembly, Simplified	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005		SUB-SYSTEM SUS		DESIGNER	SIZE DWG. NO.
ANGULAR ± 0.5°		MATERIAL --		DRAFTER ED CHAVEZ 10.1604 NOV 2009	D D0901083
		FINISH -- μinch		CHECKER	REV. v3
		NEXT ASSY		APPROVAL	SCALE: 1:12 PROJECTION:
				SHEET 4 OF 5	

DD901083 HAM2-H1 Top Level Chamber Assembly, Simplified, PART PDM REV. X-020, DRAWING PDM REV. X-000

NOTES CONTINUED:
 (5) Reference DCC # 1010074-02

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



SEI TABLE HAS 1/4-20 TAPPED HOLES ON A 2" HOLE PATTERN

TOP VIEW

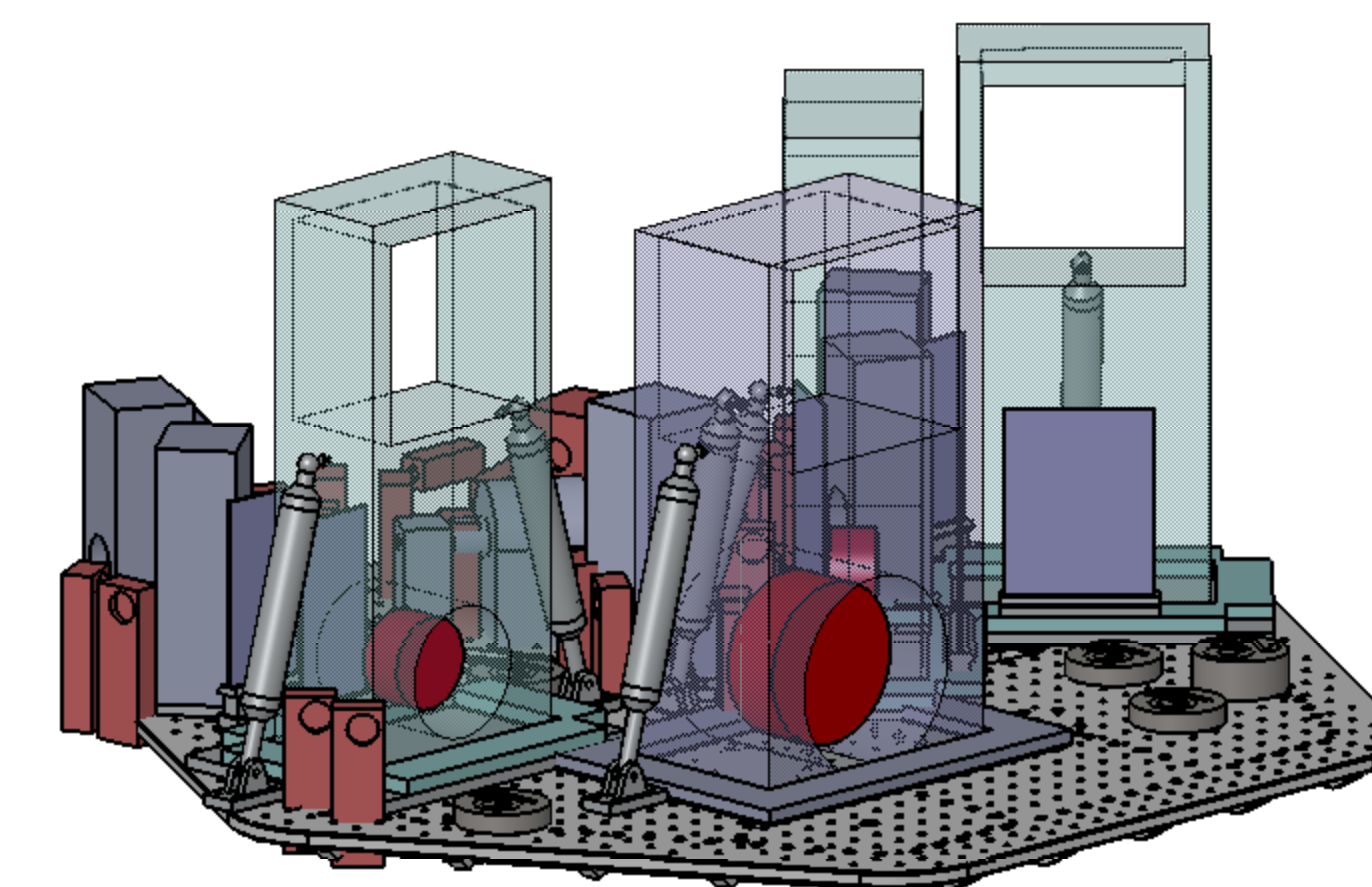
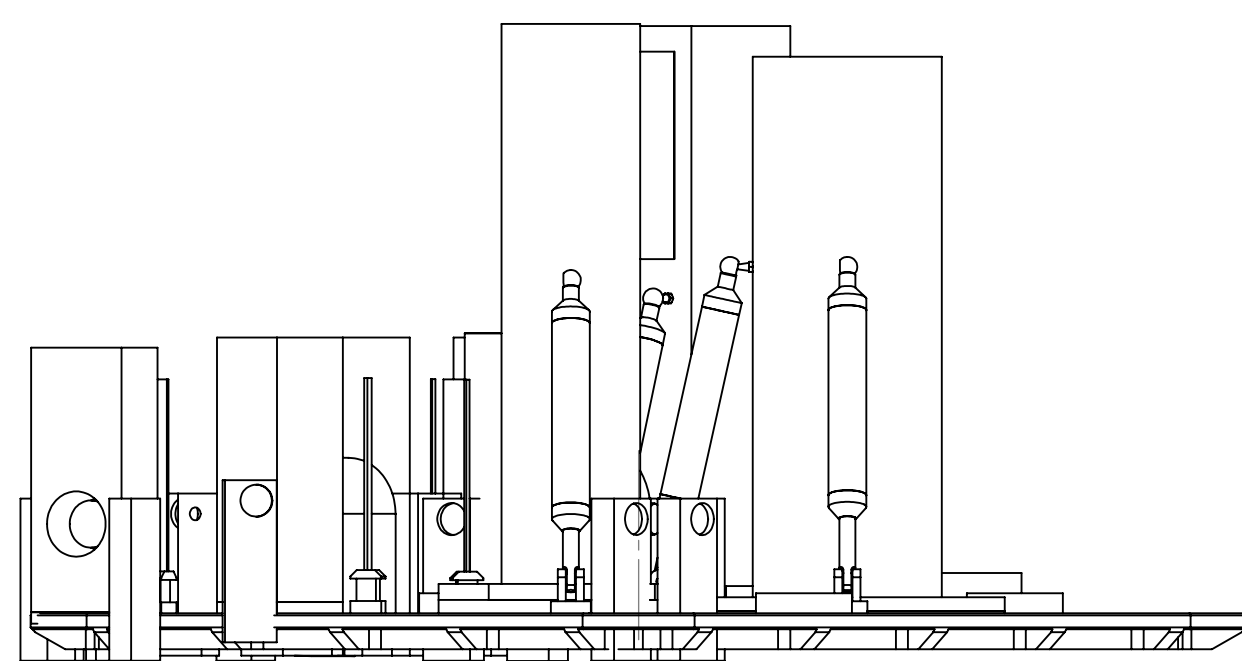
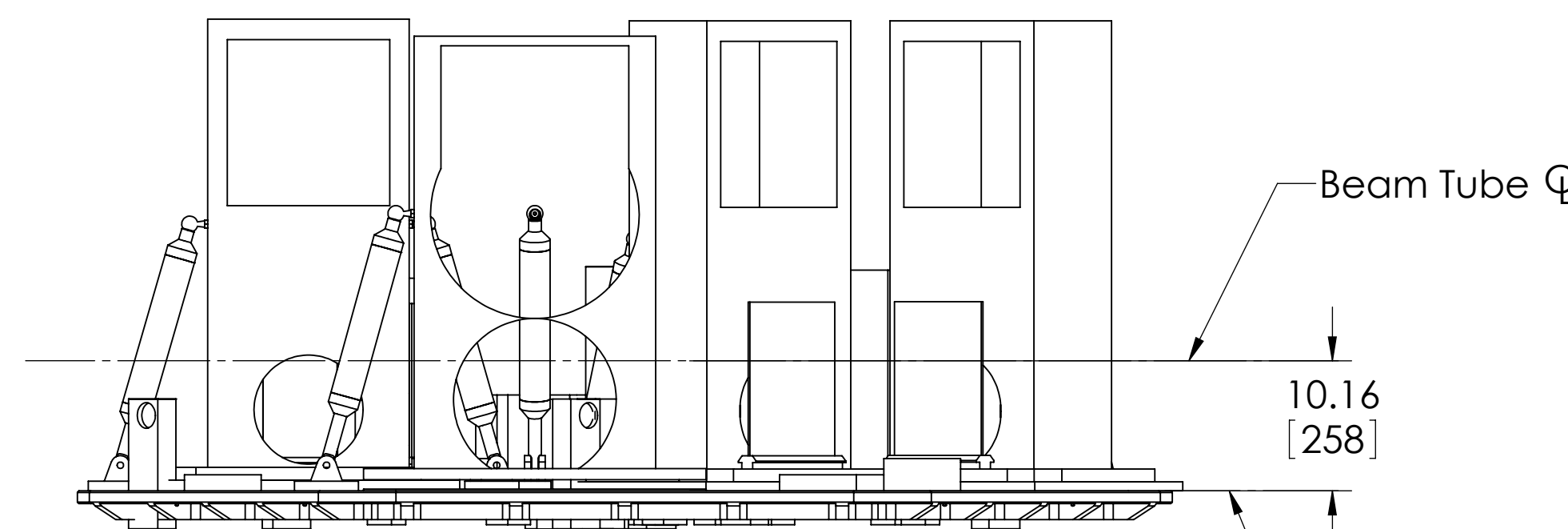


TABLE MASS TOTAL & NO CHAMBER SHOWN



FRONT VIEW



RIGHT SIDE VIEW

HAM2-H1	
CofG COORDINATES (mm)	
X	-6.30
Y	8.10
Z	26.96
TABLE MASS TOTAL	510.51

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: ADVANCED LIGO SUB-SYSTEM: SUS
 NEXT ASSY:

PART NAME		SIZE		DWG. NO.		REV.
HAM2-H1 Top Level Chamber Assembly, Simplified		D	04 NOV 2009	D0901083		v3
DESIGNER	CHECKER	SCALE: 1:12	PROJECTION:	SHEET 5 OF 5		

DD901083-HAM2-H1 Top Level Chamber Assembly, Simplified II, PART PDM REV: X-020, DRAWING PDM REV: X-000