

Global Axes
Front View

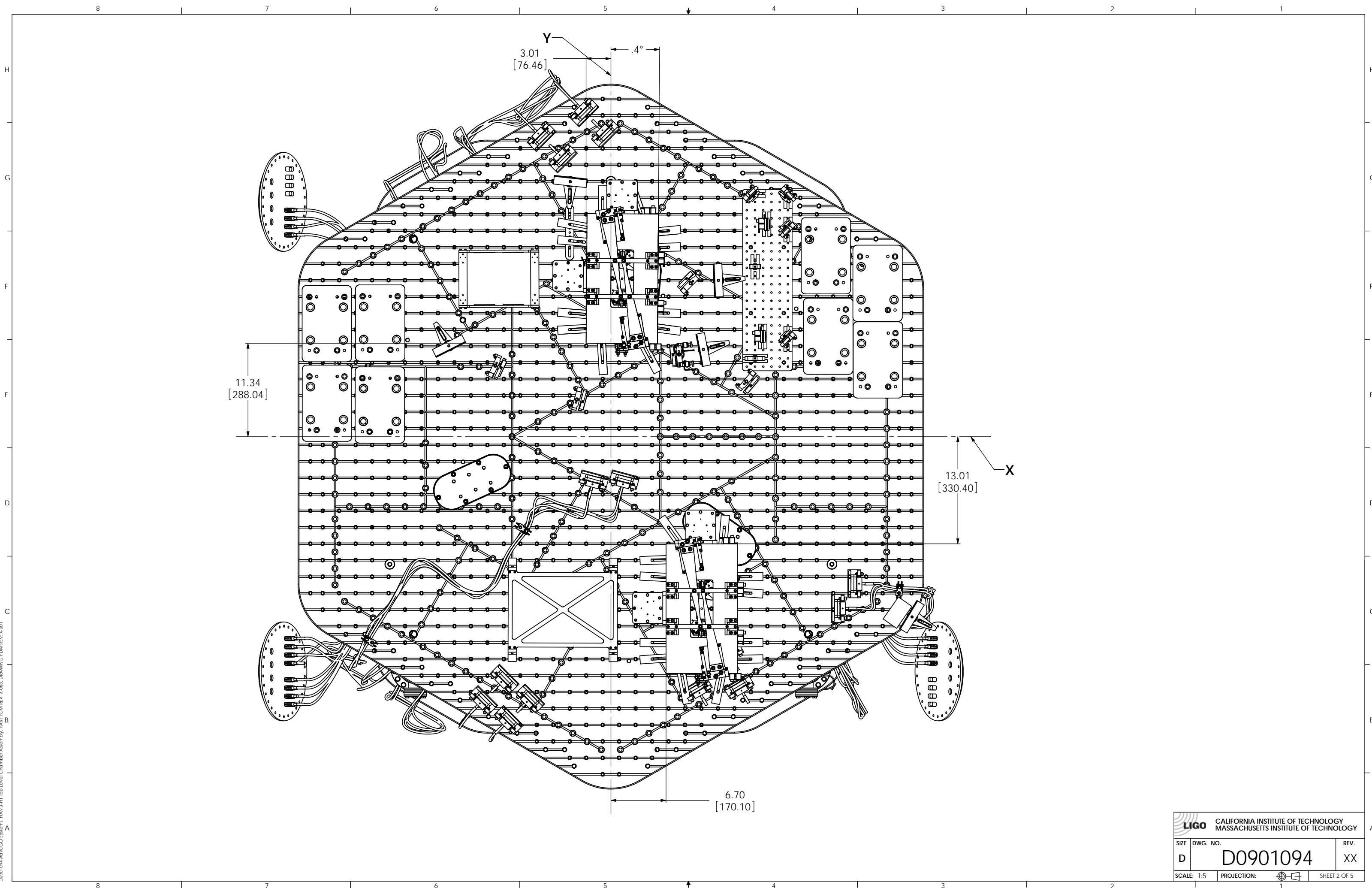
FRONT VIEW

RIGHT VIEW

HAM3-H1 GLOBAL COORDINATES (mm)	
X	-3831.0 mm
Y	0.0 mm
Z	0.0 mm

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME HAM3-H1 Top Level Chamber Assembly, Fully Detailed	
DIMENSIONS ARE IN INCHES TOLERANCES: XX ± 0.01 XXX ± 0.005 ANGULAR ± 0.5°		SYSTEM ADVANCED LIGO	SUB-SYSTEM SUS	DESIGNER N. CUSTARD	SIZE DWG. NO. D0901094
MATERIAL --		FINISH -- μ inch		CHECKER N. CUSTARD	REV. XX
		NEXT ASSY		APPROVAL 05 APR 2011	SCALE: 1:24 PROJECTION: SHEET 1 OF 5

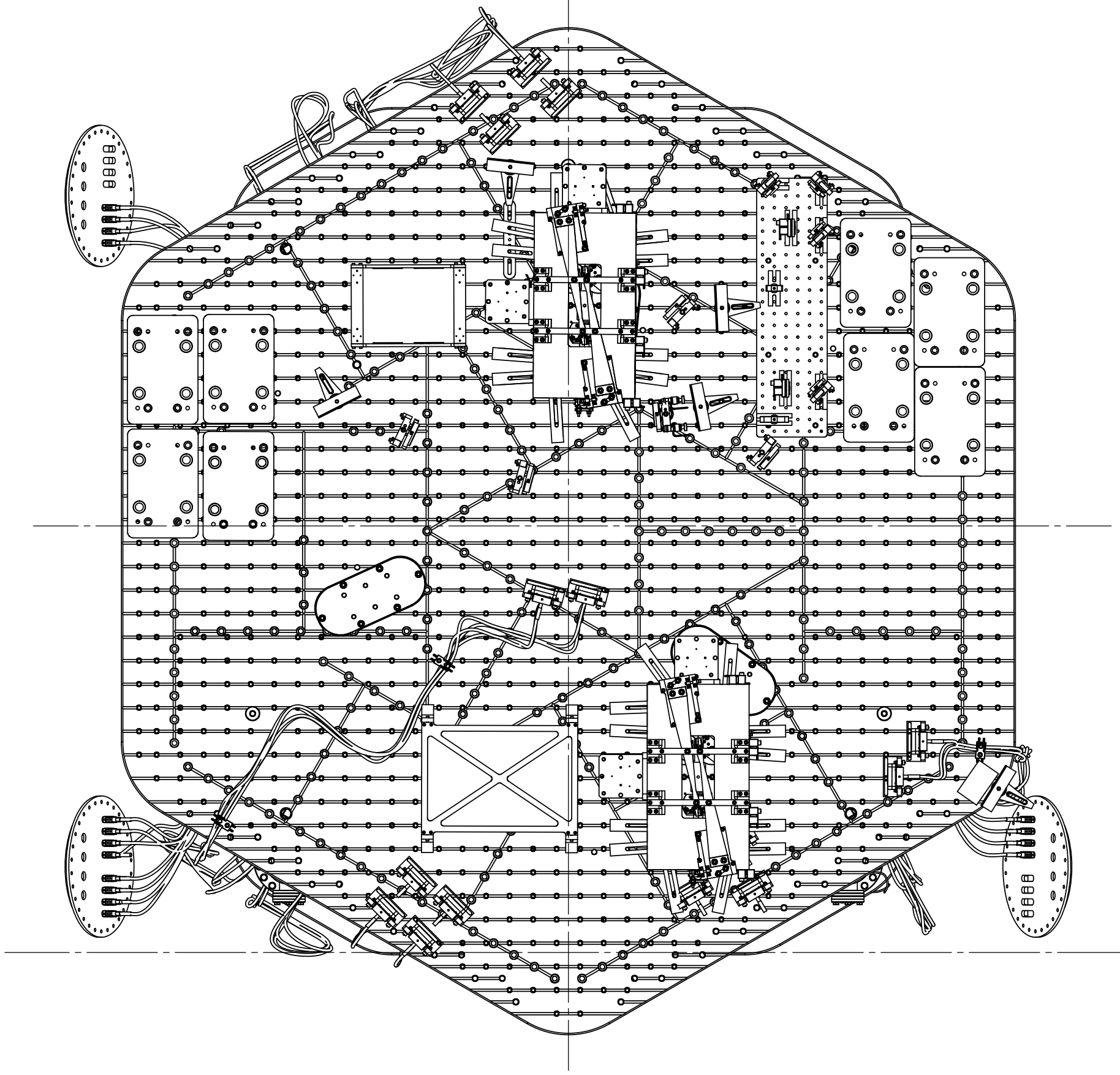
D0901094-ADV LIGO Systems, HAM3-H1 Top Level Chamber Assembly, PART PDM REV. X.066, DRAWING PDM REV. X.001




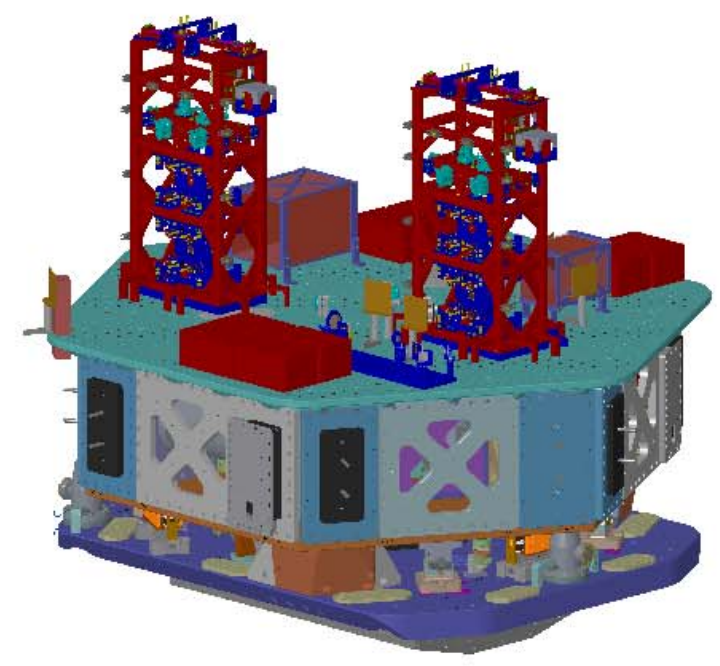
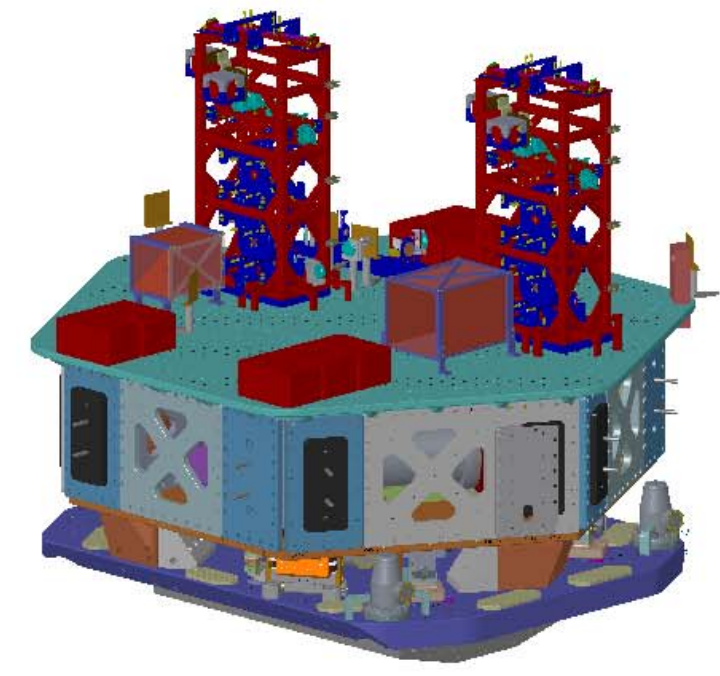
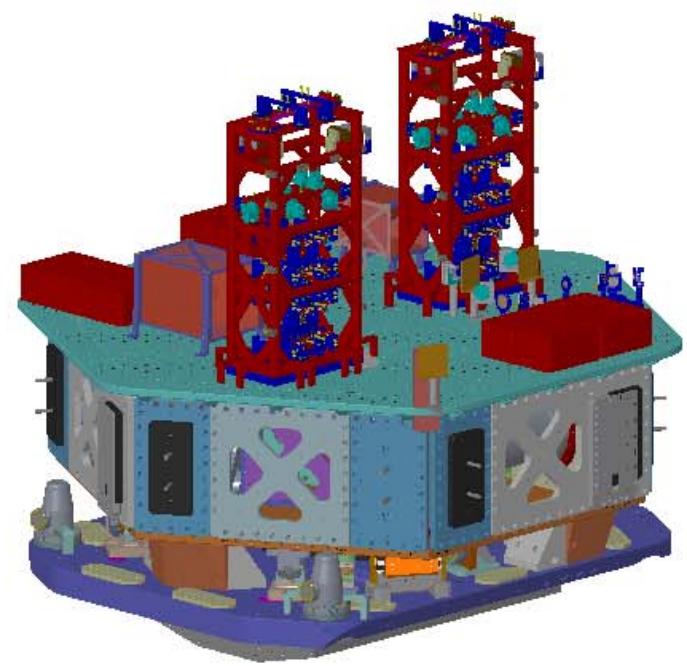
D0901094 AdvLIGO Systems, HAM3-H1 Top Level Chamber Assembly, PART PDM REV. X.066, DRAWING PDM REV. X.001


CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	REV.
D	D0901094	XX
SCALE: 1:5	PROJECTION:	SHEET 2 OF 5

D0901094 AdvLIGO Systems, HAM3-H1 Top Level Chamber Assembly, PART PDM REV X.066, DRAWING PDM REV X.001

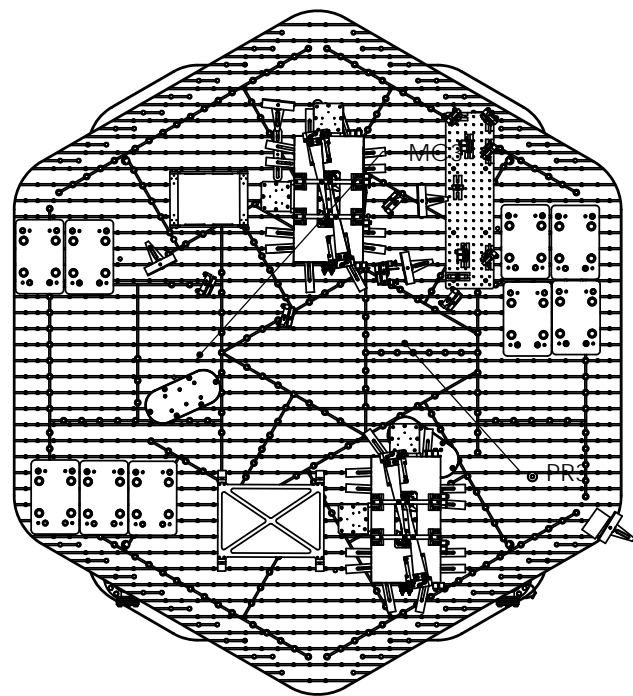


 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D0901094	XX
SCALE: 1:5	PROJECTION:	SHEET 3 OF 5

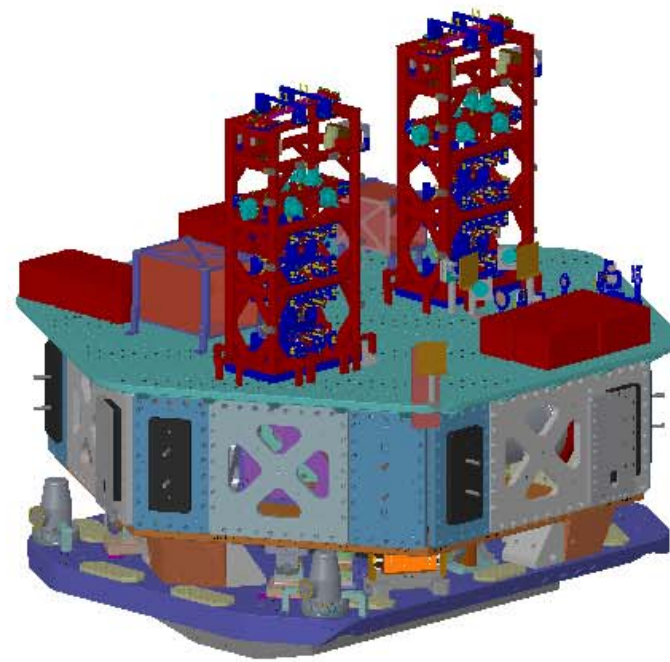


 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	REV.
D	D0901094	XX
SCALE: 1:8	PROJECTION:	SHEET 4 OF 5

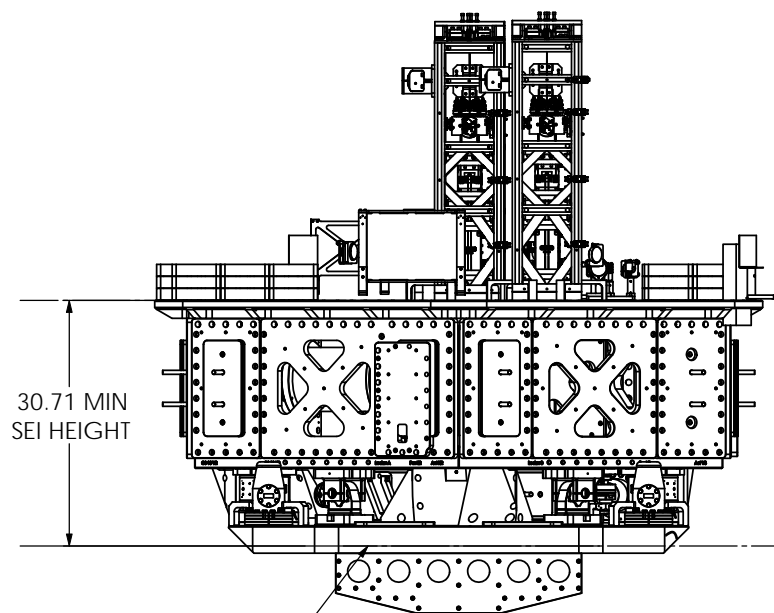
D0901094_A01/LIGO Systems, HAM3-H1 Top Level Chamber Assembly, Part PDM REV X.986, DRAWING PDM REV X.001



TOP VIEW



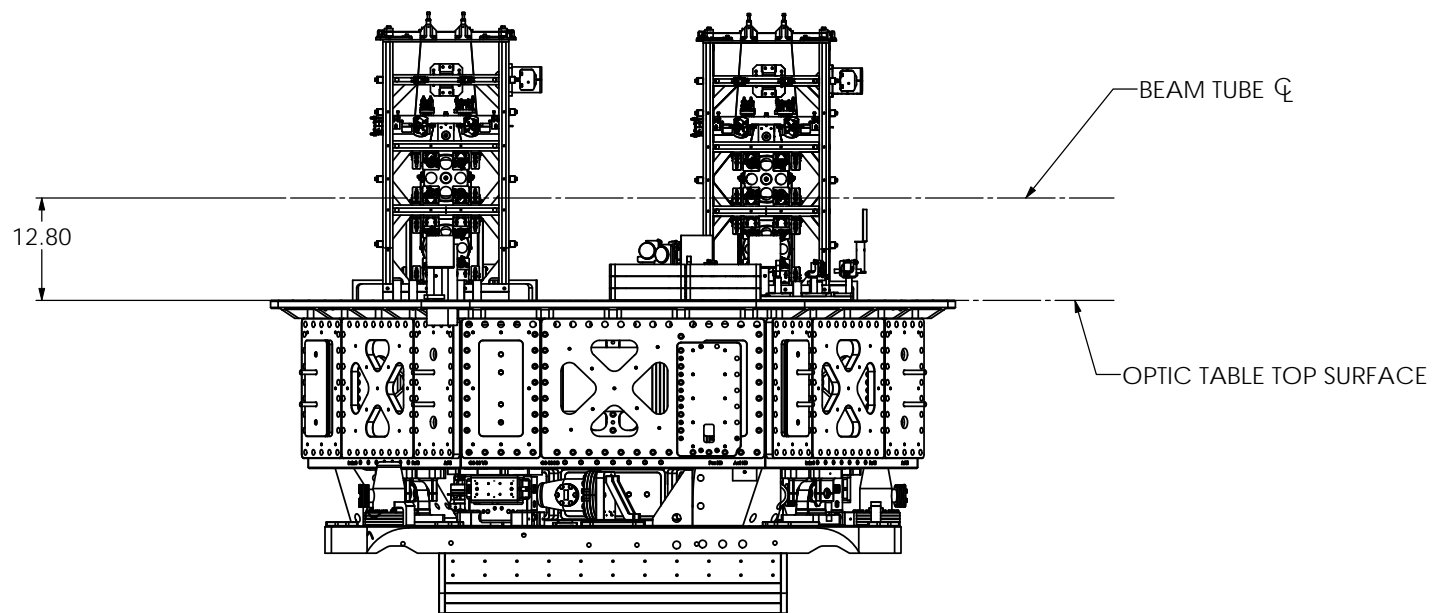
**ISO VIEW
(NO CHAMBER SHOWN)**



30.71 MIN
SEI HEIGHT

SUPPORT TUBE
INTERFACE PLANE

FRONT VIEW



12.80

BEAM TUBE C

OPTIC TABLE TOP SURFACE

RIGHT SIDE VIEW

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

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D0901094	XX
SCALE: 1:24	PROJECTION:	SHEET 5 OF 5

D0901094_ASI/LIGO Systems, HAM2-H1 Top Level Chamber Assembly, PART PDM REV. X.066, DRAWING PDM REV. X.001