

HAM5-L1 GLOBAL COORDINATES (mm)	
X	0
Y	-20122.0
Z	0

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.	
MATERIAL	FINISH
--	-- μ inch

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SYSTEM	SUB-SYSTEM
ADVANCED LIGO	SUS
NEXT ASSY	

PART NAME		HAM5-L1 TOP LEVEL CHAMBER ASSEMBLY, FULLY FINISHED	
DESIGNER	ED CHAVEZ	27 JUL 2009	SIZE DWG. NO.
DRAFTER	C. TORRIE	15 NOV 2011	D
CHECKER	SEE DCC		D0900456
APPROVAL			v5
SCALE: 1:16		PROJECTION:	SHEET 1 OF 3

D0900456 Adv LIGO Systems: HAM5-L1 Top Level Chamber Assembly: ALL PART PDM REV: X-030, DRAWING PDM REV: X-002

8

7

6

5

4

3

2

1

H

H

G

G

F

F

E

E

D

D

C

C

B

B

A

A

D1101783 SR3 BAFFLE ASSY
-D1003205-02 SR3 HR BAFFLE

D1101782 SRM HR BAFFLE ASSY
-D1100426-03 SRM HR BAFFLE

D0900461 HLTS ASSY (SR3)
-D070447 HLTS

D0900463 HSTS ASSY (SRM)
-D020700 HSTS

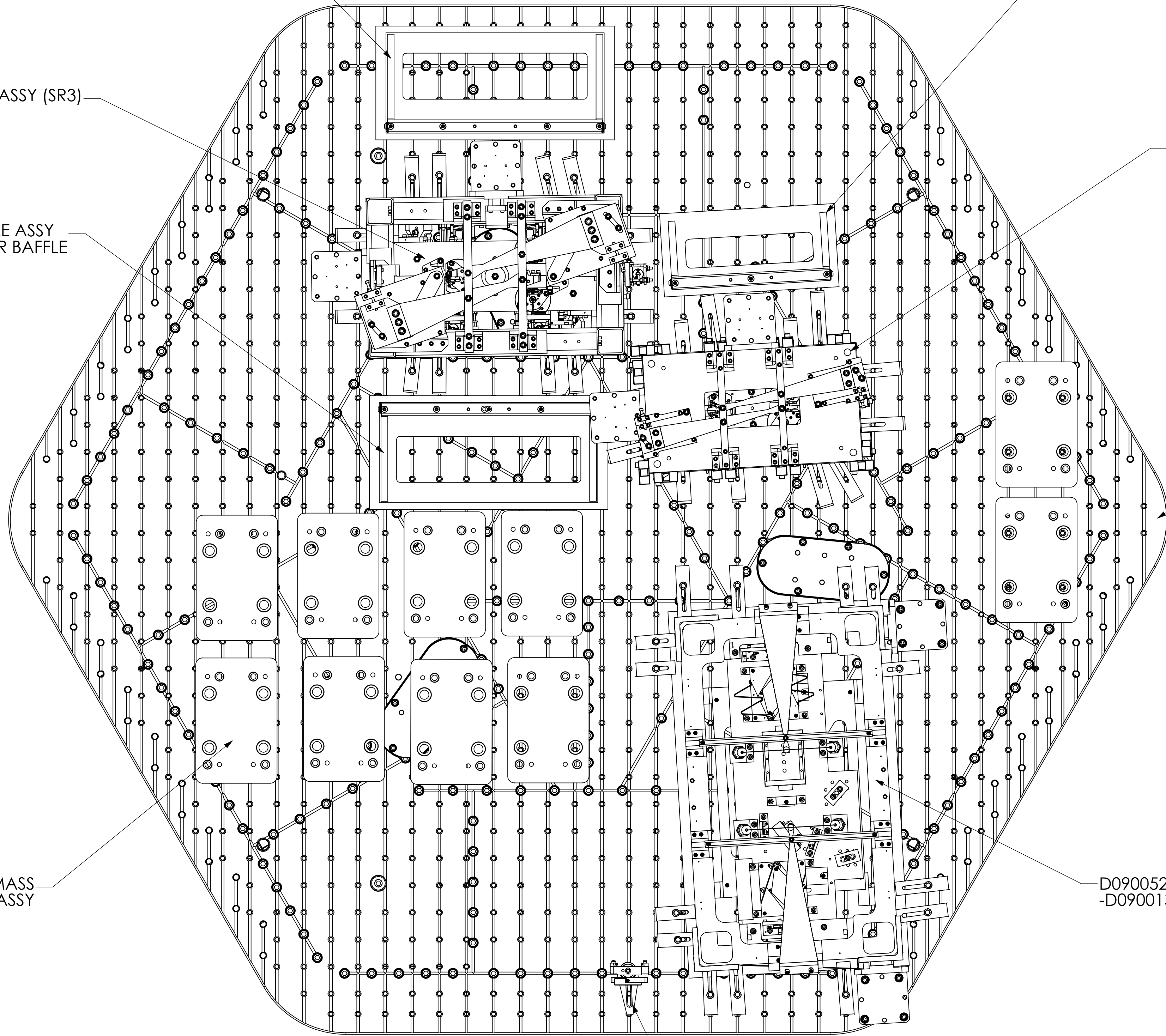
D1101783 SR3 BAFFLE ASSY
-D1003205-04 SR3 AR BAFFLE

D0900457 HAM-ISI TABLE ASSY
-D0900424 HAM-ISI TABLE

D1101781 BAL-MASS
ASSY

D0900527 OFI ASSY
-D0900136 OFI

D1101784 OPTLEV DLC ASSY
-D1002074 OPTLEV DLC MOUNT



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SIZE	DWG. NO.	REV.
D	D0900456	v5
SCALE: 1:5	PROJECTION:	SHEET 2 OF 3

8

7

6

5

4

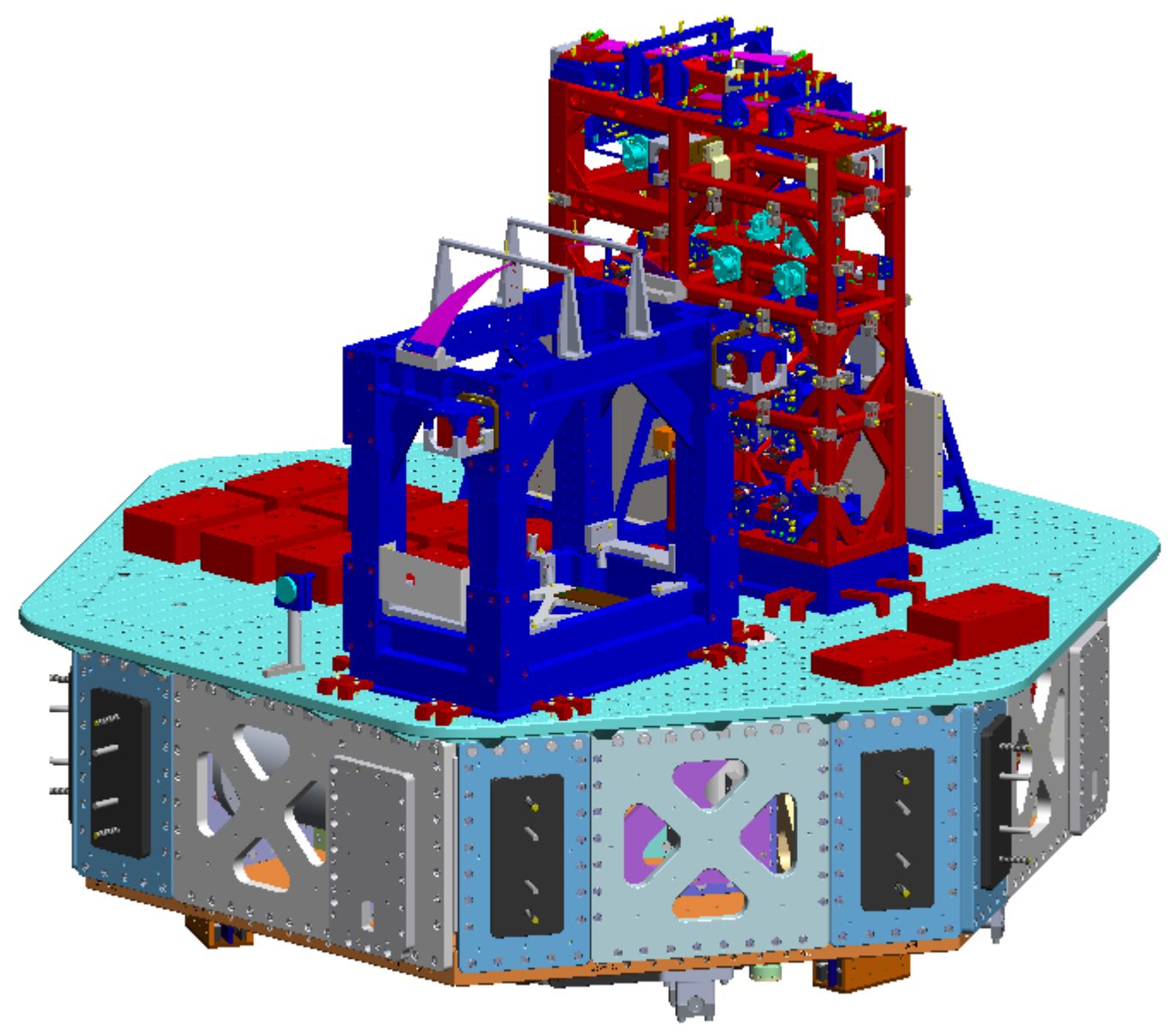
3

2

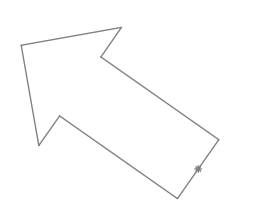
1

8 7 6 5 4 3 2 1

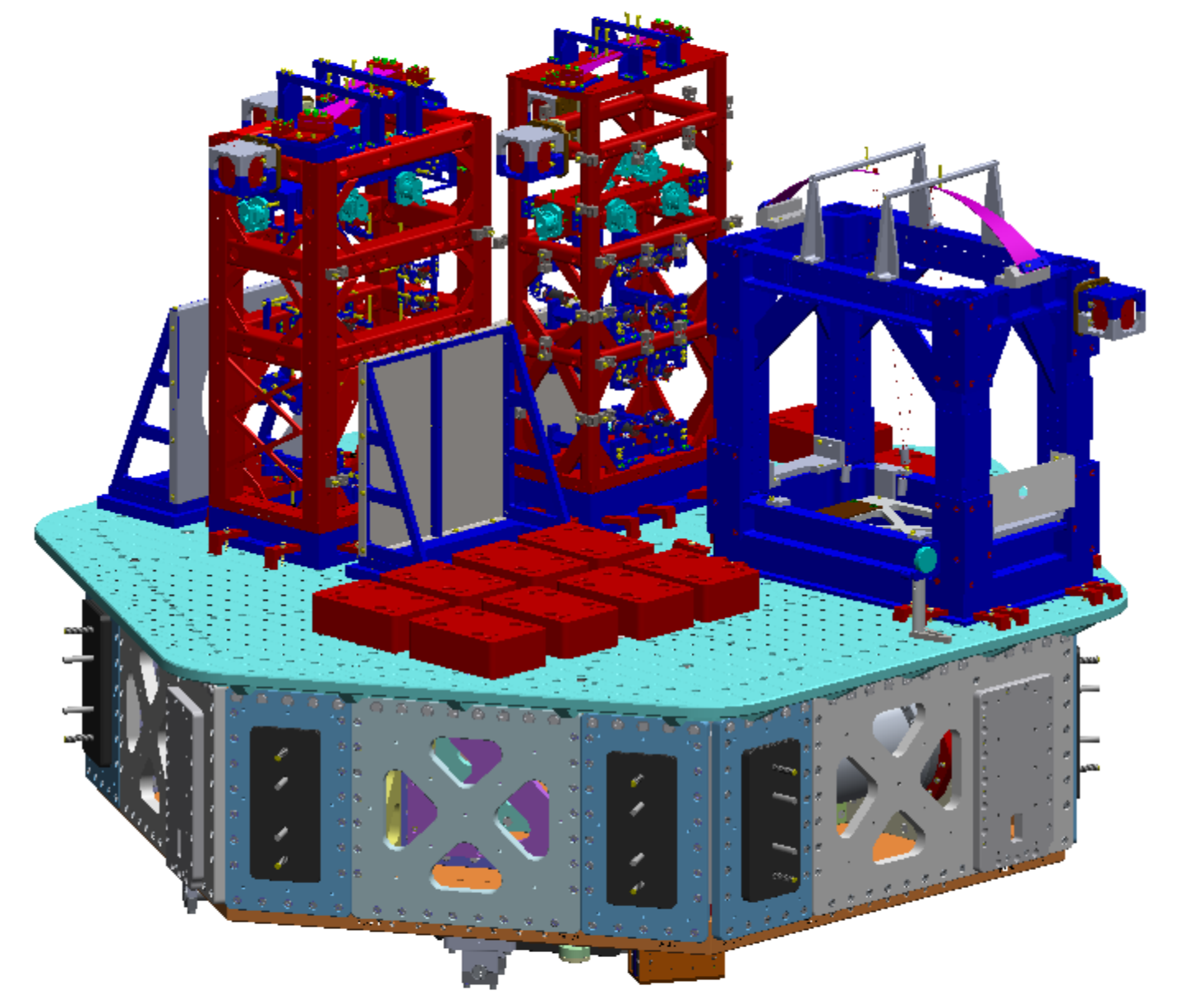
H G F E D C B A



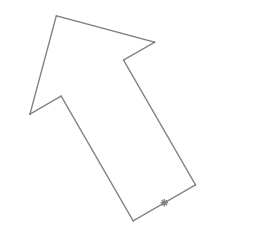
FRONT VIEW



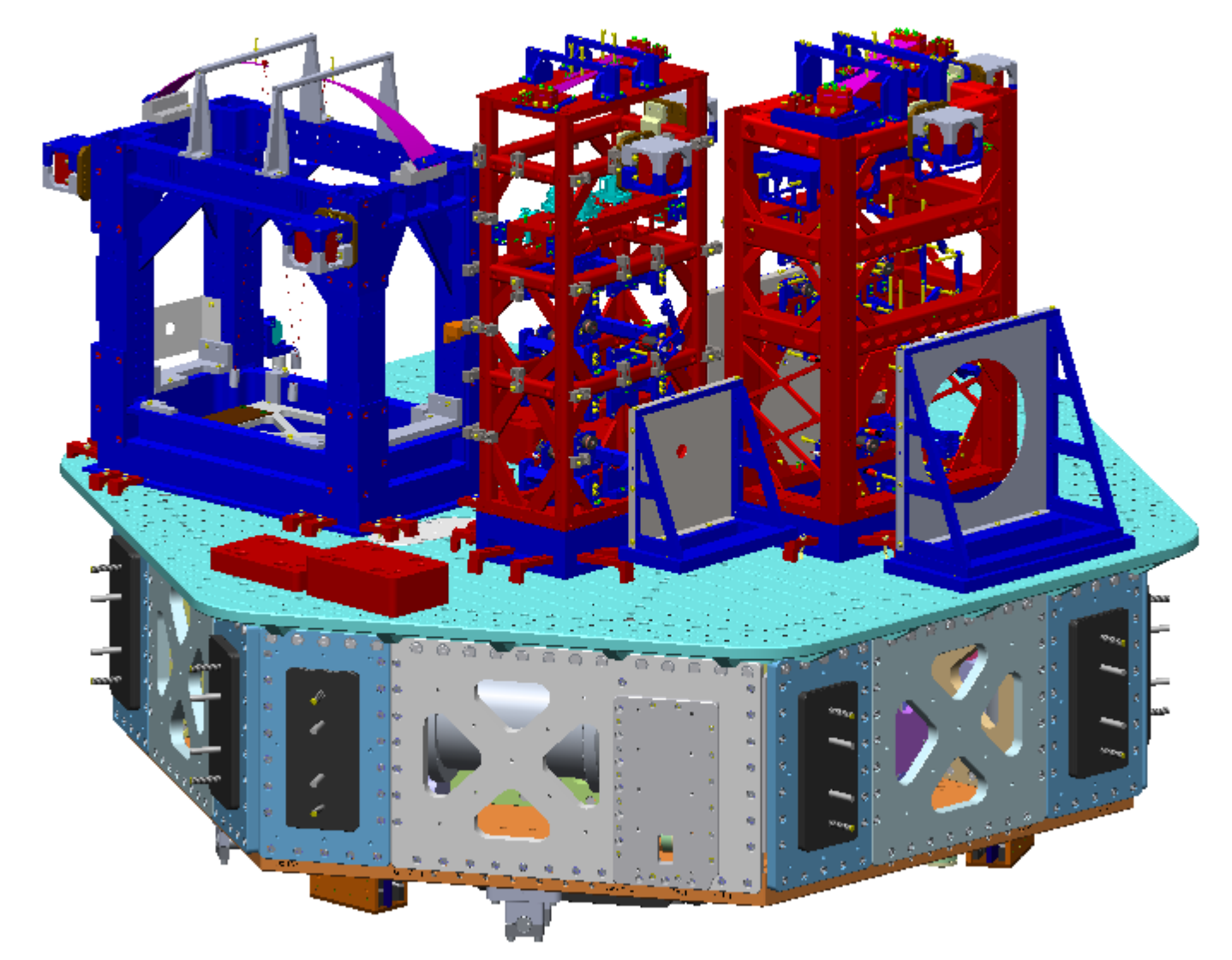
RIGHT SIDE VIEW



LEFT SIDE VIEW



FRONT VIEW



10	D1101784	AdvLIGO SUS HAM5-L1, XYZ Local CS for OpdtLev DLC Mount	N/A	1
9	D1101783	AdvLIGO SUS HAM5-L1, XYZ Local CS for SR3 HR-AR Baffle Assy	N/A	1
8	D1101782	AdvLIGO SUS HAM5-L1, XYZ Local CS for SRM HR Baffle	N/A	1
7	D1101781	AdvLIGO HAM5-L1 ISI Table, Payload & Suspended Mass Assembly	N/A	1
6	D1000514	HEPI ASSEMBLY, HAM, aLIGO SEI	SEE BOMS	1
5	D0900527	AdvLIGO SUS HAM5-L1, XYZ Local CS forAOS FI	--	1
4	D0900463	AdvLIGO SUS HAM5-L1, XYZ Local CS for HSTS (SRM)	--	1
3	D0900461	AdvLIGO SUS HAM5-L1, XYZ Local CS for HLTS (SR3)	--	1
2	D0900459	AdvLIGO SEI HAM5-L1, XYZ Local CS for Iso Table	--	1
1	D0900457	AdvLIGO VE HAM5-L1, Vacuum Equipment Assembly	--	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY

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SIZE DWG. NO. REV.
D **D0900456** **v5**

SCALE: 1:12 PROJECTION: SHEET 3 OF 3

D:\0900457 AdvLIGO Systems\HAM5-L1 Top Level Chamber Assembly\ALL PART PDM REV: X-030 DRAWING PDM REV: X-002

8 7 6 5 4 3 2 1