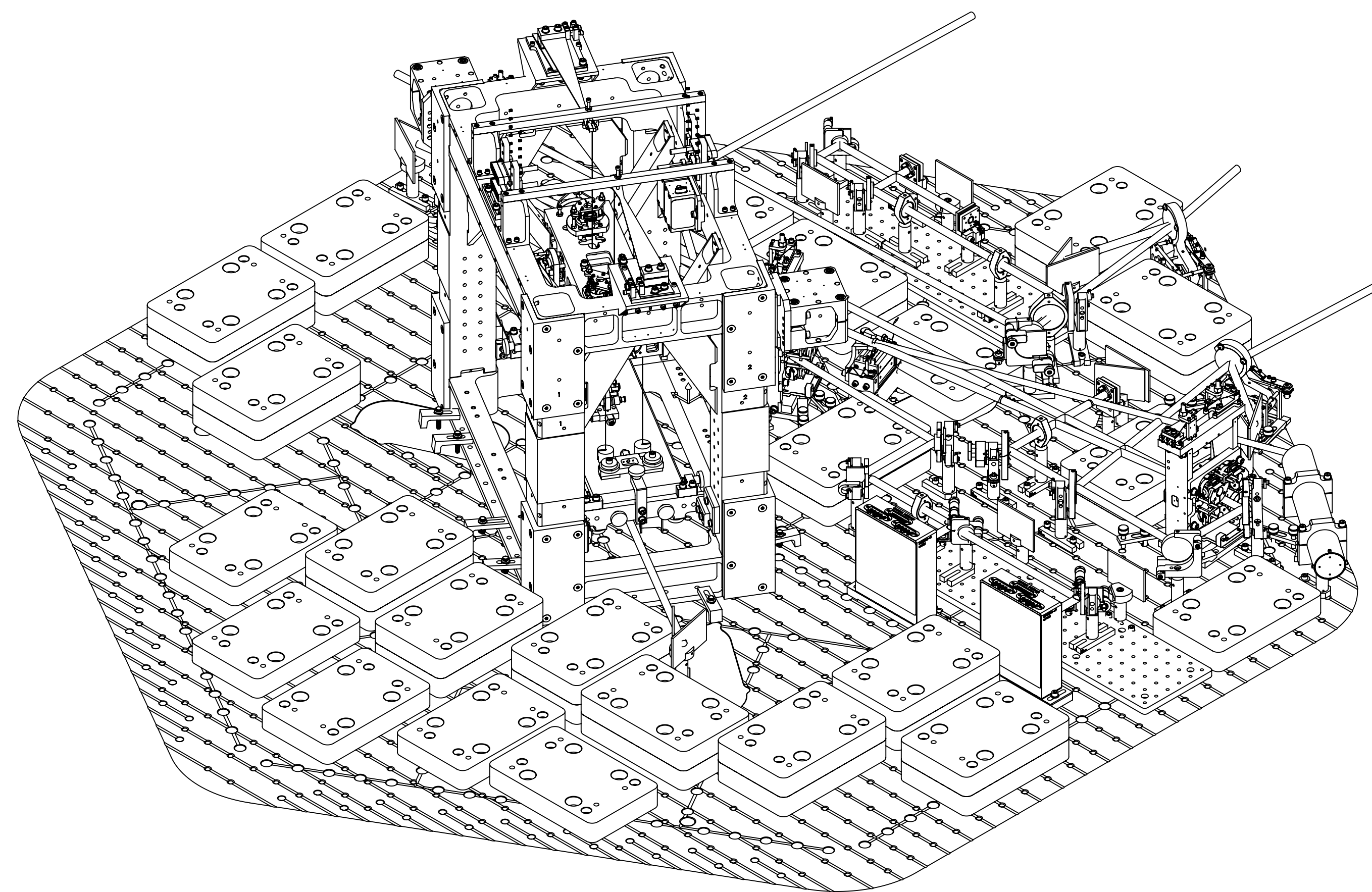


REV.	DATE	DCN #	DRAWING TREE #
v15	21 MAY 2014	-	-
v16	16 OCT 2014	E1400409-x0	-
-	-	-	-



ISO VIEW
(SEE SHEET 2, 3 FOR SITE SPECIFIC CONFIGS.)

20	D1300214	2" LENS MOUNT ASSY, FOR 4" HIGH BEAM	1	1
19	D1300231	2" Mirror Mount, RIGHT HAND Holder, 4" Beam Height, +Pico Motors	1	1
18	D1003318	ISC Fast Shutter Assembly, aLIGO	1	1
17	D1300077	AdvLIGO SEI HAM6-L1, XYZ Local CS for Output Mode Cleaner	1	1
16	D1200384	Custom TC-3 Dog Clamp, ISC, aLIGO	18	18
15	D1300242	1" Mirror Mount, LH, 4" Beam Height, ISA, aLIGO	1	1
14	D1300242	1" Mirror Mnt, LEFT HAND, 4" Beam Height, +Beam Dump	2	2
13	D1300242	1" Mirror Mnt, LEFT HAND, 4" Beam Height, +Pico Motors, +Beam Dump	1	1
12	D1200033	Beam Layout Model	1	1
11	D1300548	Beam Dump, Fast Shutter, HAM1, aLIGO	1	1
10	D1000971	TRANSMON BEAM DUMP - SMALL	4	5
9	D1100642	ISC Rotary Beam Diverter	2	2
8	D1300231	2" Mirror Mount, RIGHT HAND Holder, 4" Beam Height	1	1
7	D1300230	2" Mirror Mount, LEFT HAND Holder, 4" Beam Height, +Pico Motors	1	1
6	D1300230	2" Mirror Mount, LEFT HAND Holder, 4" Beam Height	3	3
5	D1002042	QPD SLED ASSEMBLY	1	1
4	D1002106-06	ASC-AS_C QPD for 4" beam height	1	1
3	D1300241	1in Lens Mount for 4in beam heigh	2	2
2	D1002042	QPD SLED ASSEMBLY	1	1
1	D1001396	aLIGO Tip-Tilt Mirror Assembly	3	3
ITEM NO.	PART NUMBER	DESCRIPTION	WHAM6/QTY.	LHAM6/QTY.

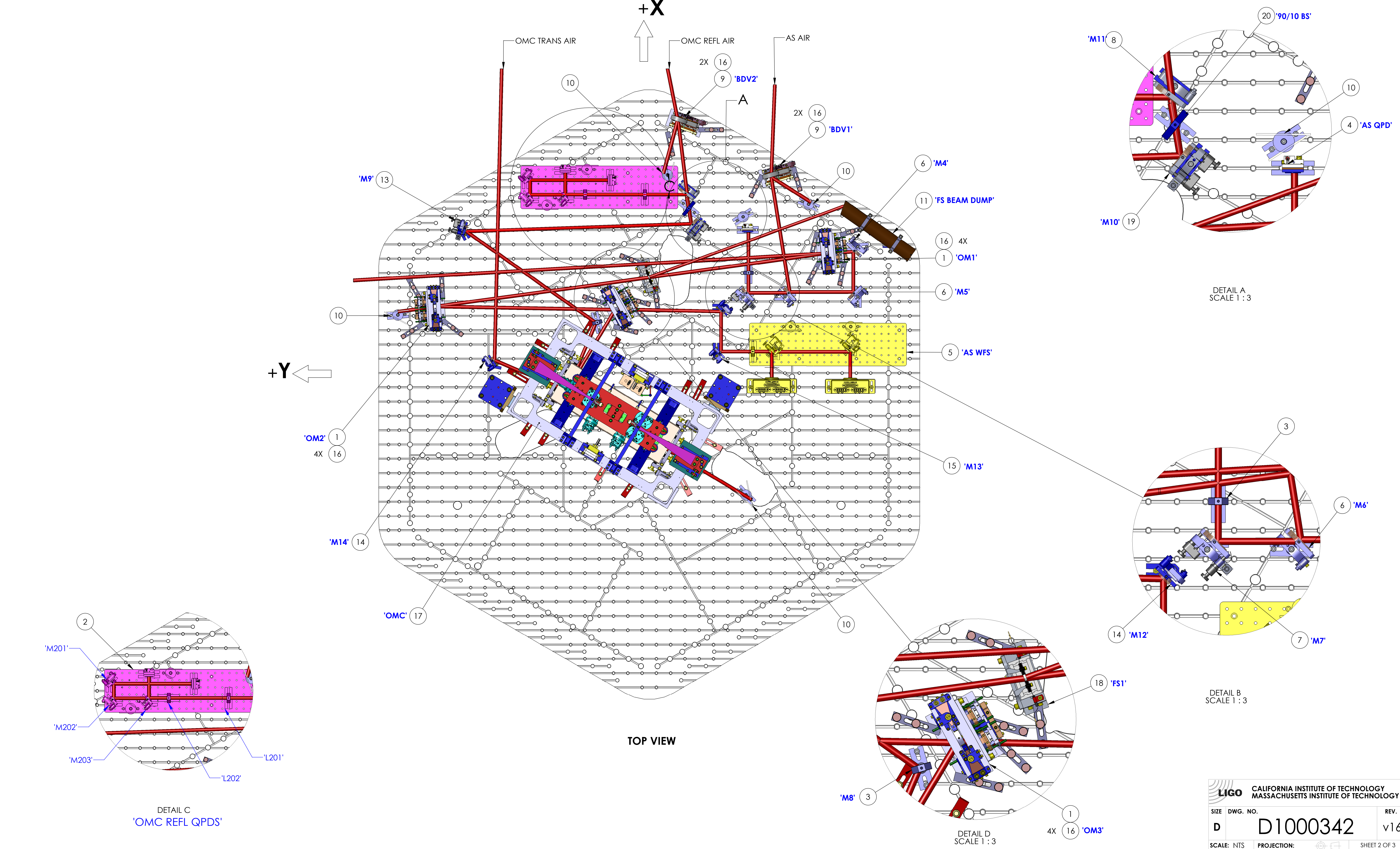
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
MATERIAL	N/A
FINISH	N/A μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM	ADVANCED LIGO	HAM6 ISC BLOCK DIAGRAM	
SUB-SYSTEM	ISC	DESIGNER	JMF 2/19/2010
DRAFTER	E.SANCHEZ 21 MAY 2014	SIZE	D
CHECKER	SEE DCC	DWG. NO.	D1000342
APPROVAL	SEE DCC	SCALE:	NTS
NEXT ASSY	D0901811, D0901822	PROJECTION:	1
		SHEET 1 OF 3	REV. v16

D1000342-HAM6_ISC_BlockDiagram_PRT_PDM_REV_X051_DRAWING_PDM_REV_X013

LLO CONFIG.

(PAYLOAD MASSES SHOWN FOR REF. ONLY)

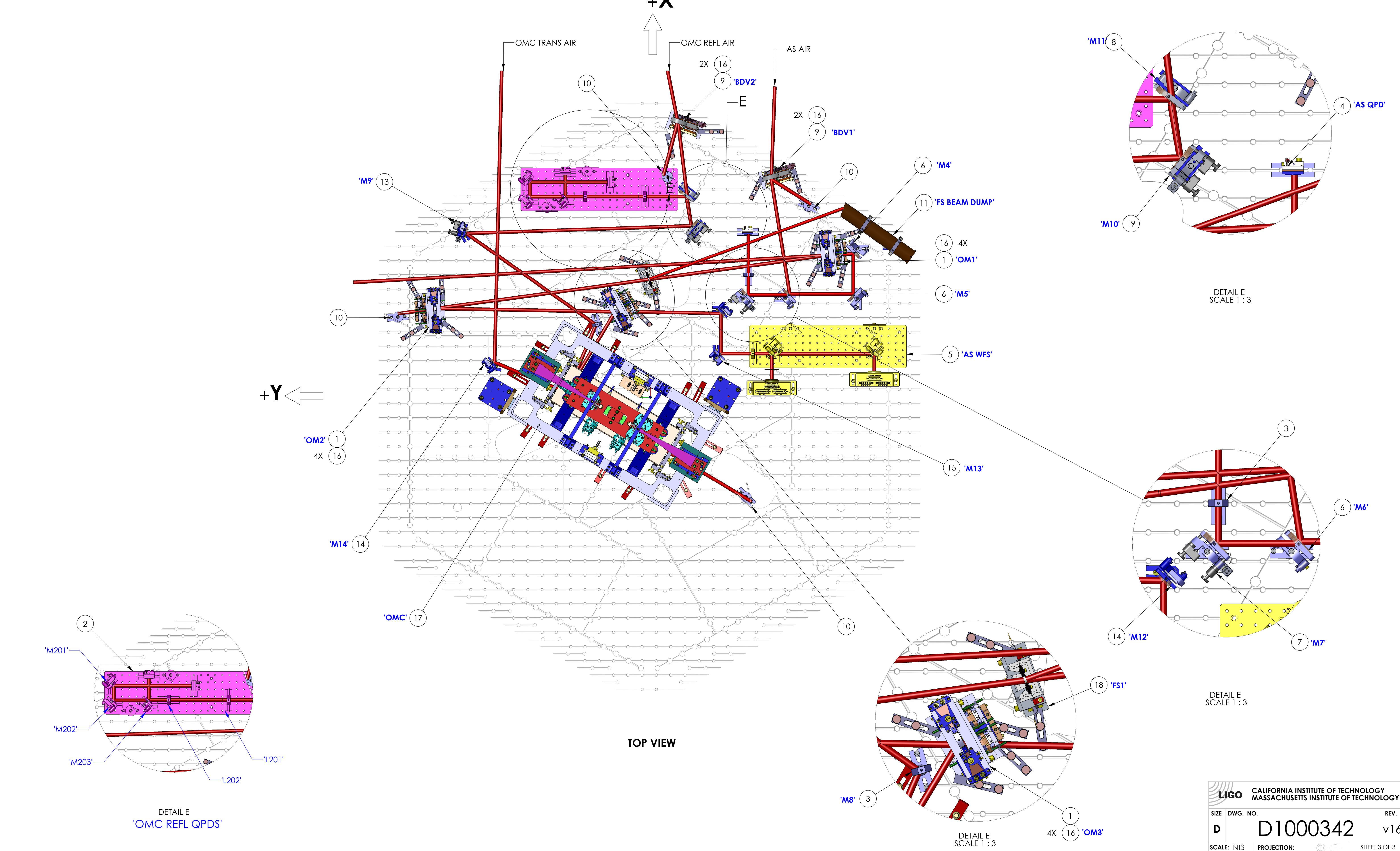


CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1000342	v16
SCALE: NTS	PROJECTION:
	SHEET 2 OF 3

D1000342_HAM6_ESC_BasicDiagram_PART FDM REV: X:051_DRAWING FDM REV: X:013

LHO CONFIG.

(PAYLOAD MASSES SHOWN FOR REF. ONLY)



TOP VIEW

DETAIL E
'OMC REFL QPDS'

DETAIL E
SCALE 1 : 3

DETAIL E
SCALE 1 : 3

DETAIL E
SCALE 1 : 3

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1000342	v16
SCALE: NTS	PROJECTION:
	SHEET 3 OF 3

D1000342_HAM6_ESC_BasicDiagram_PART FDM REV: X.051_DRAWING FDM REV: X.013