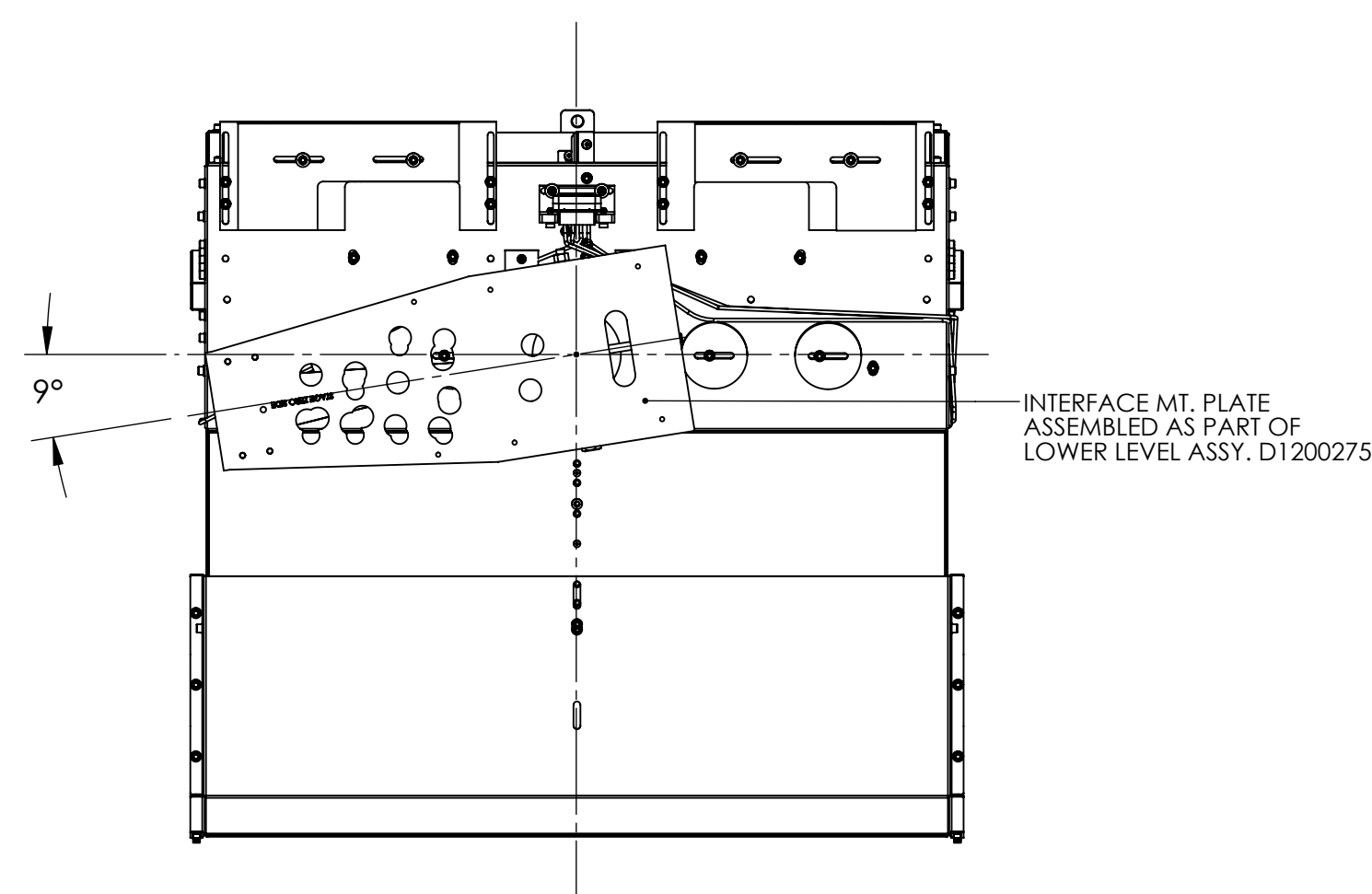
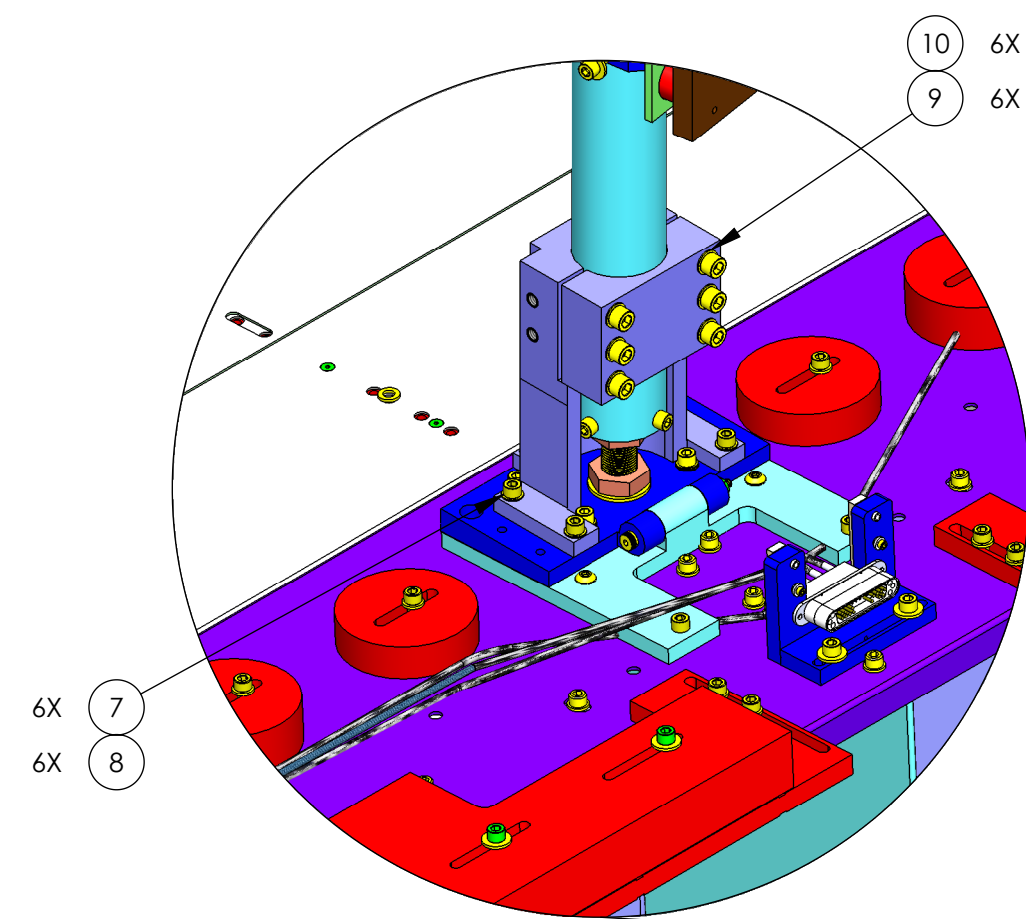


- FOR AOS ACB ASSEMBLY PROCEDURE, SEE LIGO E110867.
- FOR AOS ACB INSTALLATION PROCEDURE, SEE LIGO E1100810

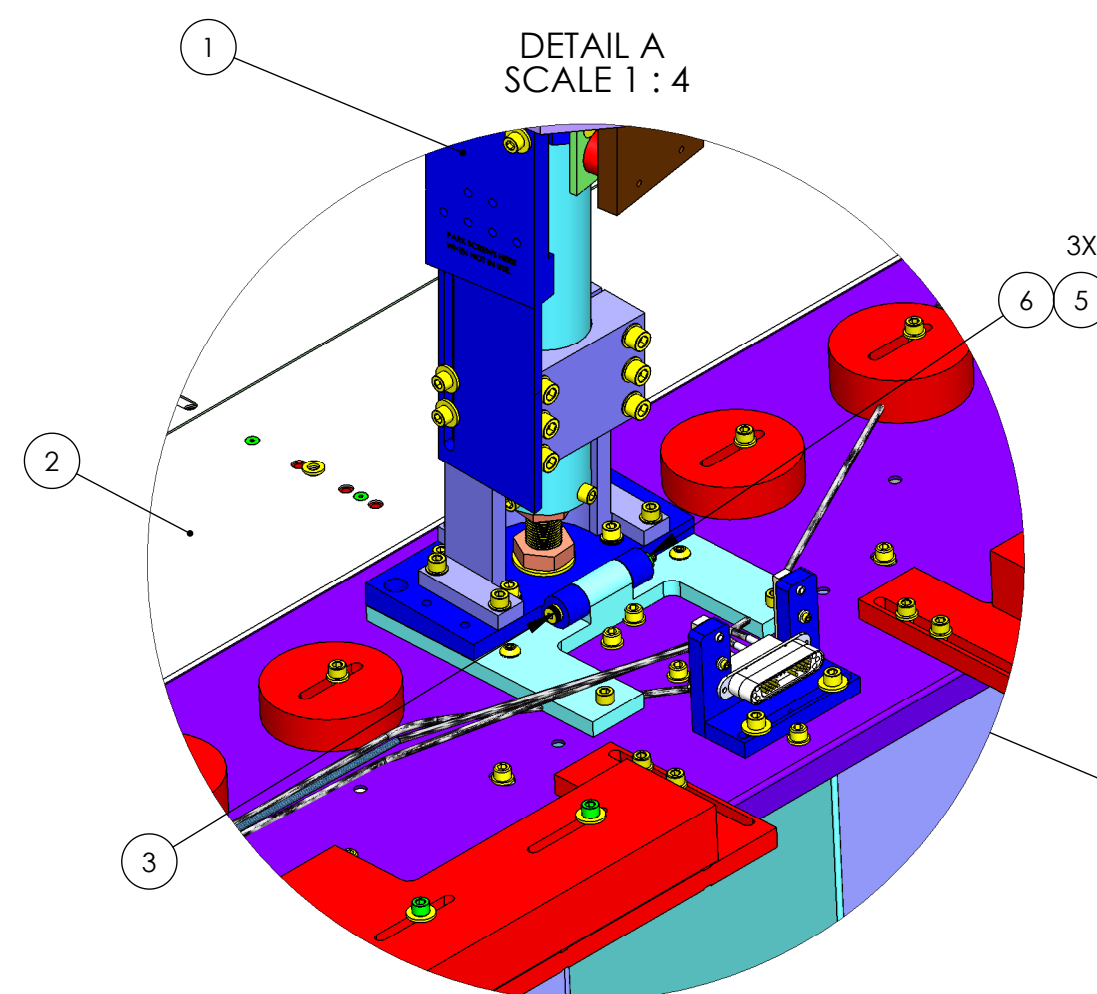
REV.	DATE	DCN #	DRAWING TREE #
v1	25 FEB 2013	-	-
v2	14 JUN 2013	E1300528-X0	-
-	-	-	-



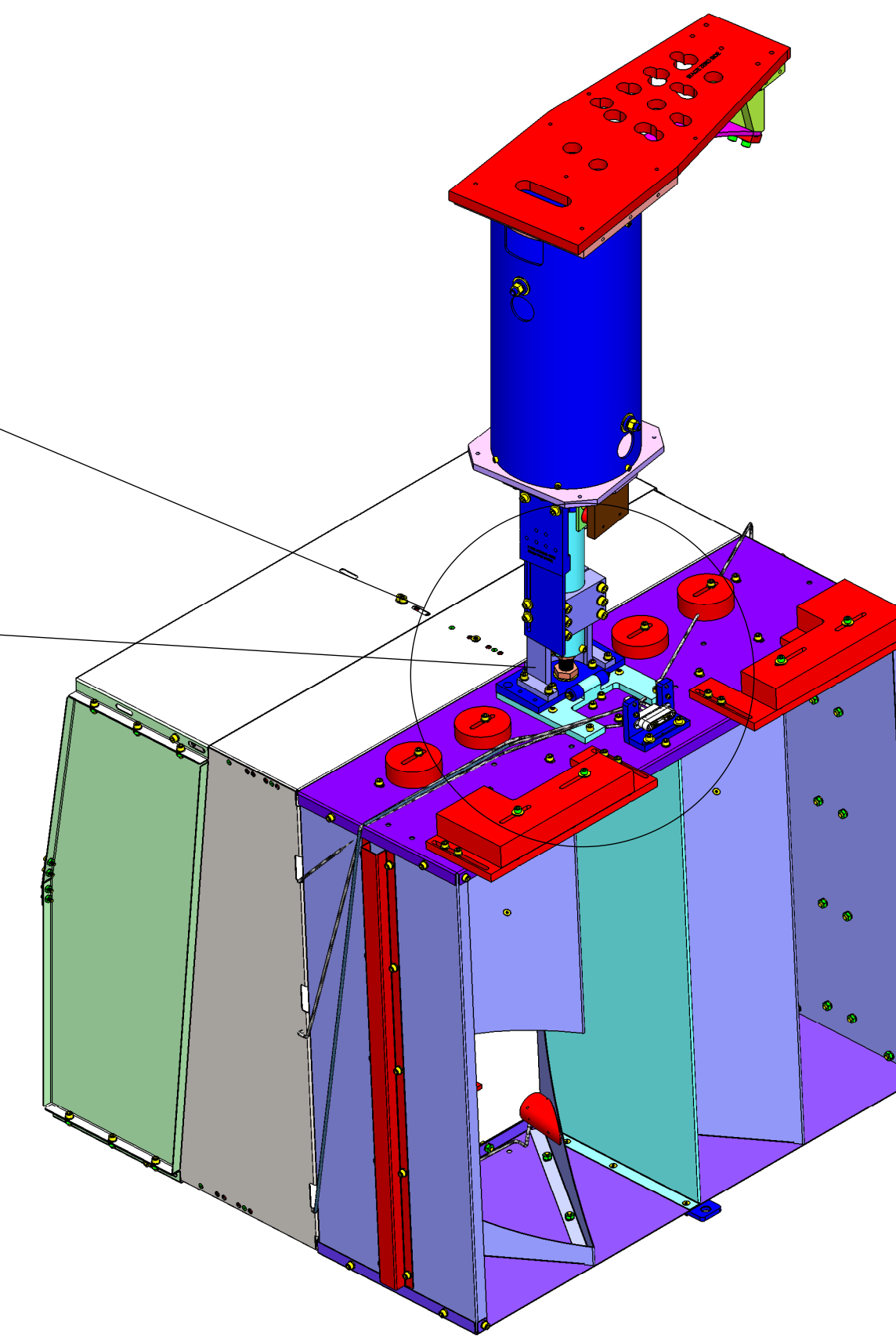
TOP VIEW
(INTERFACE MT. PLATE ORIENTATION)



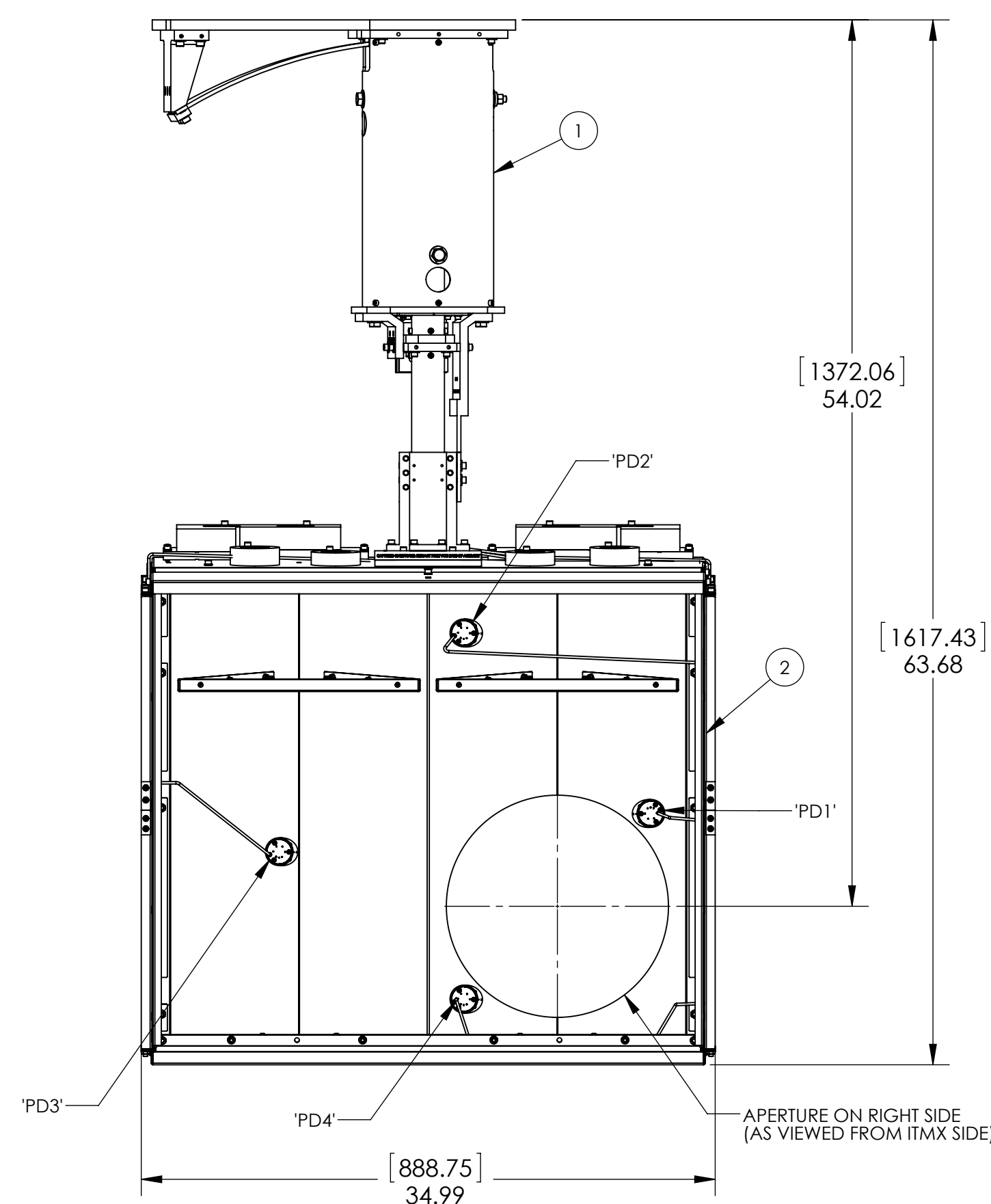
ANTI-ROTATION ASSY. INSTALL
(VARIABLE HEIGHT GAUGE NOT SHOWN)



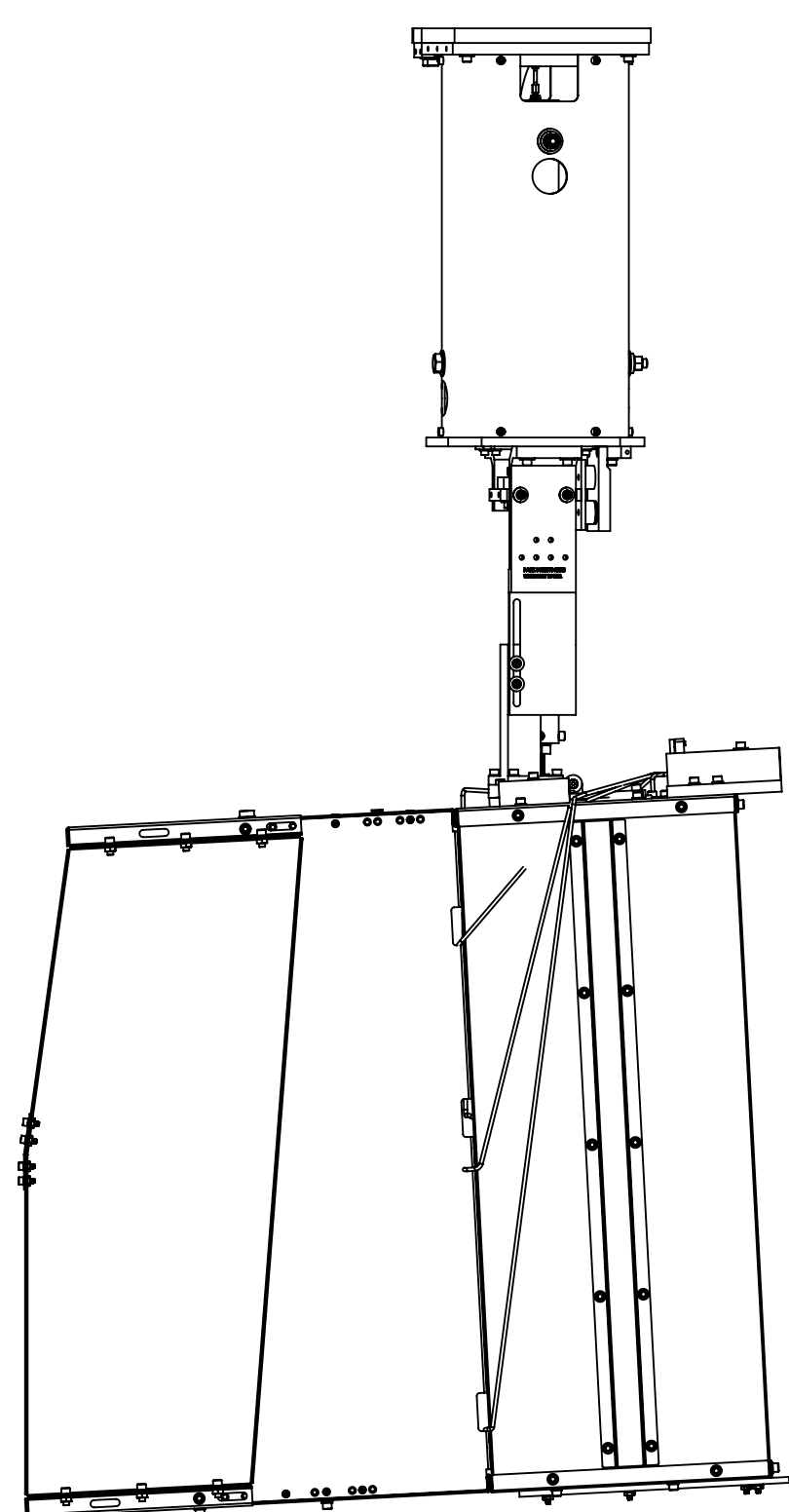
DETAIL A
SCALE 1 : 4



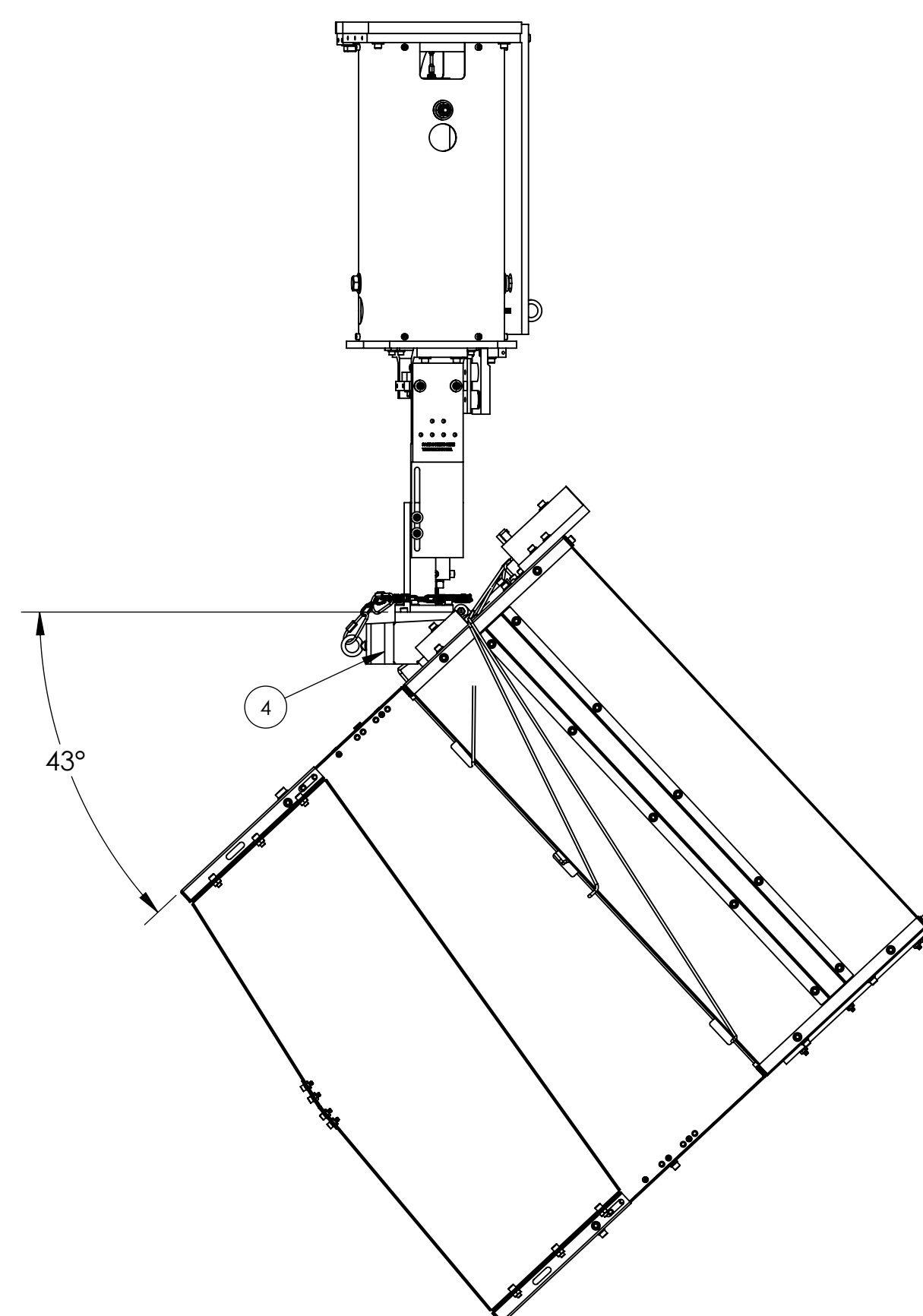
ISO VIEW, REAR-RIGHT



REAR VIEW



SIDE VIEW



QUAD SERVICING POSITION
(SEE LIGO D1003371 FOR ACB/QUAD INTERFACE)

ITEMS 9 AND 10
SUPPLIED AS PART OF
D1201228

ITEMS 7 AND 8
SUPPLIED AS PART OF
D1200275

LIFTING BRACKET
ASSEMBLED AS PART OF
LOWER LEVEL ASSY. D1200657
(OPTIONAL)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
10	MS16995-71 OR EQ.	SCREW, SHC, 1/4-20 X 2.25 LG.	6
9	WF-31 UC COMPONENTS OR EQ.	WASHER, FLAT, 5/16	6
8	C-2012-N	SCREW, SHC, 1/4-20 X .75 LG.	6
7	WF-25 UC COMPONENTS OR EQ.	WASHER, FLAT, 1/4	6
6	N-1024-A	HEX NUT, #10-24, AG PLATED,(OR EQUIVALENT)	1
5	90945A740 McMASTER-CARR OR EQ.	McMASTER, WASHER, FLAT, #10, 300 SST, NAS 620-C10L OR EQUIV.	3
4	D1300529	ALIGO, SLC, ITM ACB SWINGBACK WEDGE ASSY.	1
3	D1101293	SHOULDER SCREW #10-24, .25 D X 2.5	1
2	D1200314	ACB 1 HOLE LEFT BOX ASSY, BSC3_L1-H1 (w PD)	1
1	D1200275	ACB-SUSPENSION ASSY, BSC1-BSC3_H1 L1	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME
SLC 1 HOLE ARM CAVITY BAFFLE FINAL ASSY (BSC3-L1-H1)

MATERIAL N/A FINISH N/A μinch

SYSTEM ADVANCED LIGO SUB-SYSTEM AOS
NEXT ASSY D1003371

DESIGNER N.Nguyen 10 DEC 2010 SIZE DWG. NO. D
DRAFTER E.SANCHEZ 25 FEB 2013
CHECKER SEE DCC SEE DCC
APPROVAL SEE DCC SEE DCC SCALE: 1:8 PROJECTION: SHEET 1 OF 1

A

D1200580_A01 LIGO_AOS_SLC_ACB_1 Hole Final Assy (BSC3-L1), Part PDM Rev: X025, Drawing PDM Rev: X008