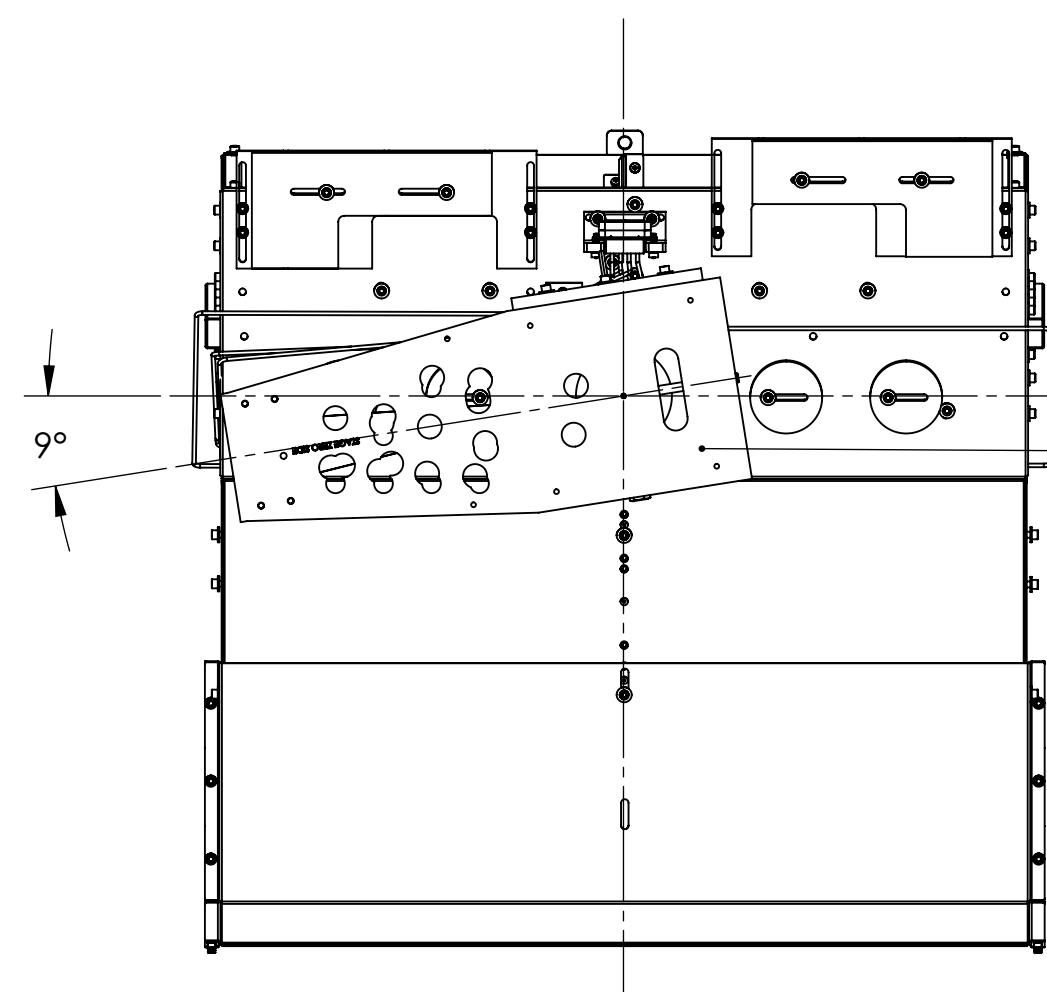
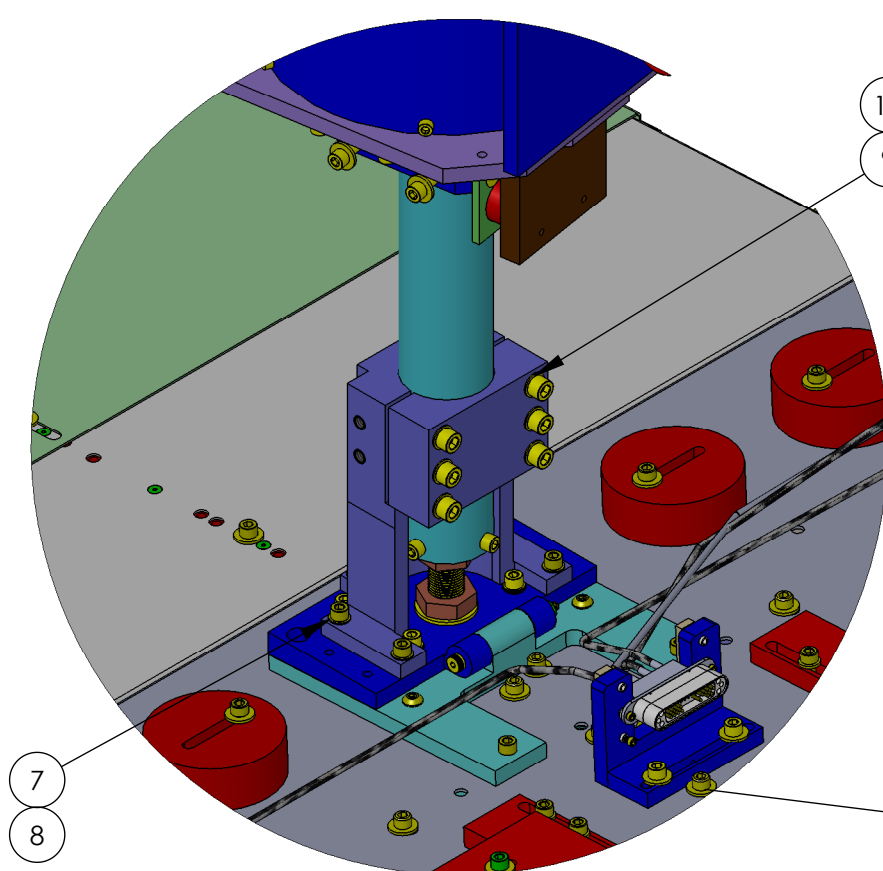


- FOR AOS ACB ASSEMBLY PROCEDURE, SEE LIGO E110867.
- FOR AOS ACB INSTALLATION PROCEDURE, SEE LIGO E1100810

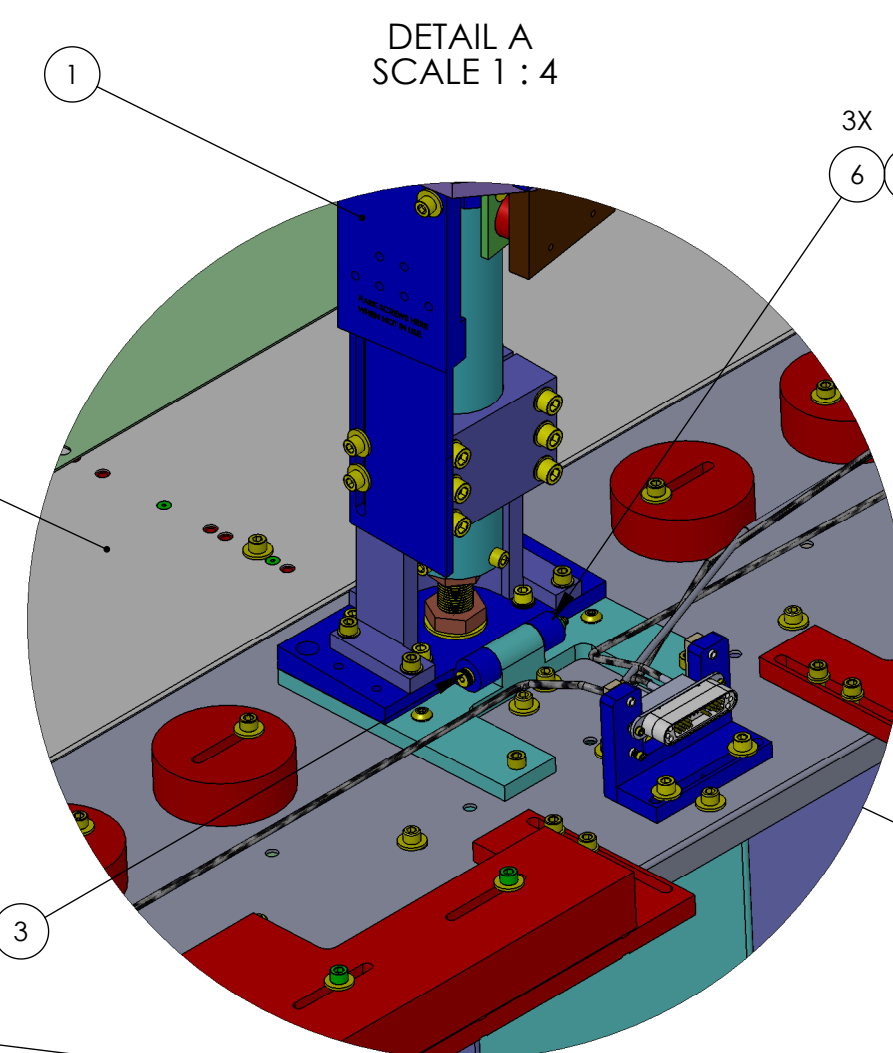
REV.	DATE	DCN #	DRAWING TREE #
v1	08 OCT 2012	-	-
v2	21 FEB 2013	-	-
v3	14 JUN 2013	E1300528-x0	-



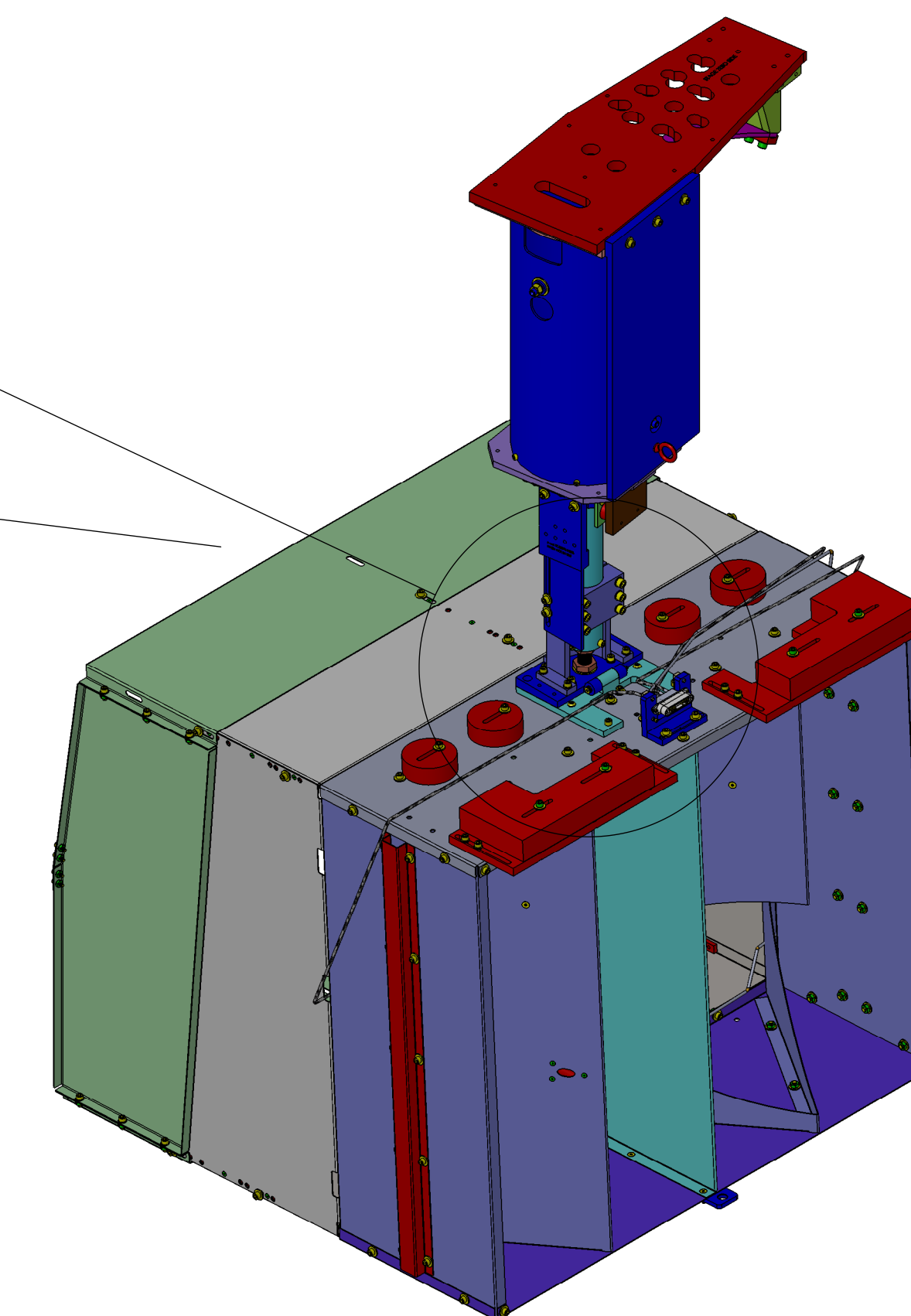
**TOP VIEW**  
(INTERFACE MT. PLATE ORIENTATION)



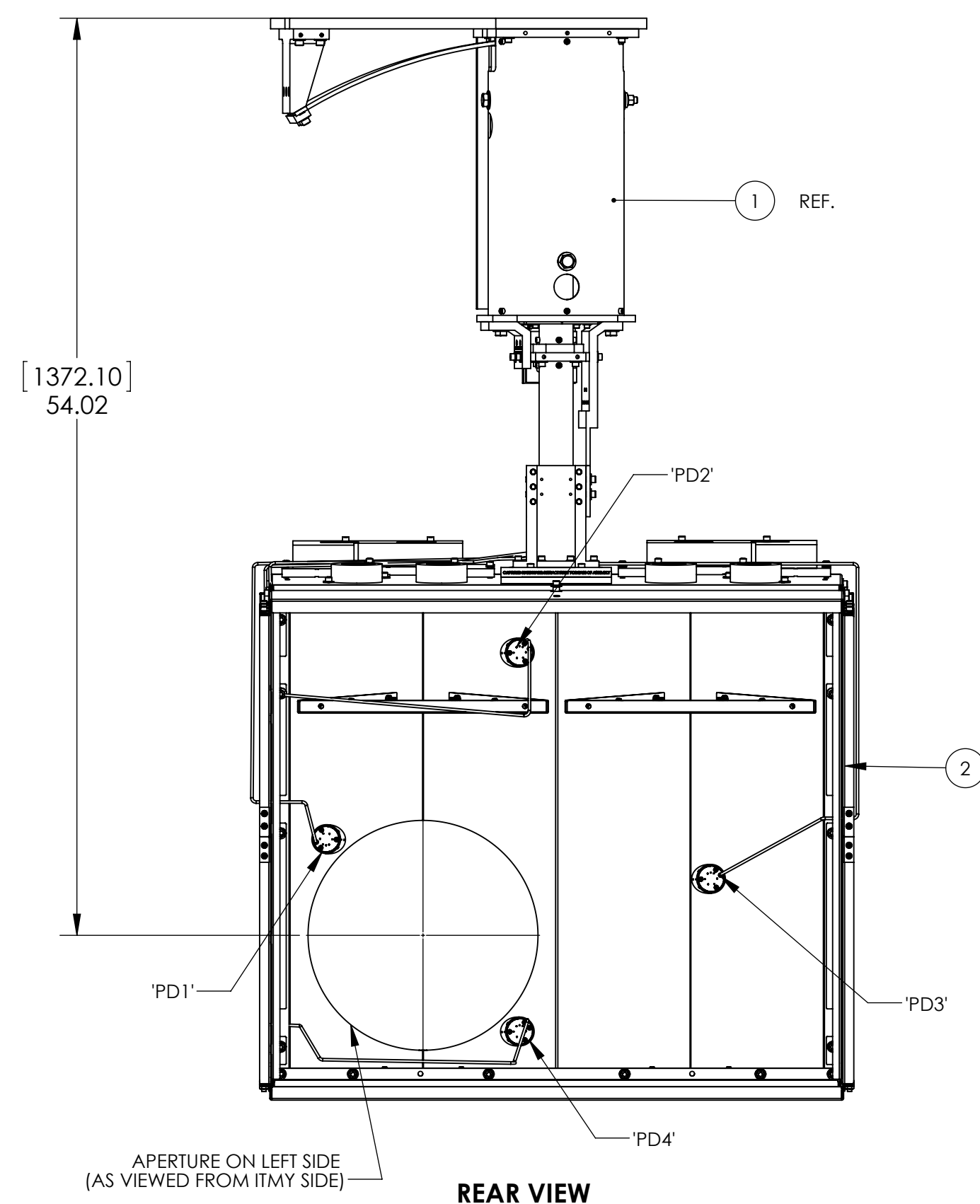
**ANTI-ROTATION ASSY. INSTALL**  
(VARIABLE HEIGHT GAUGE NOT SHOWN)



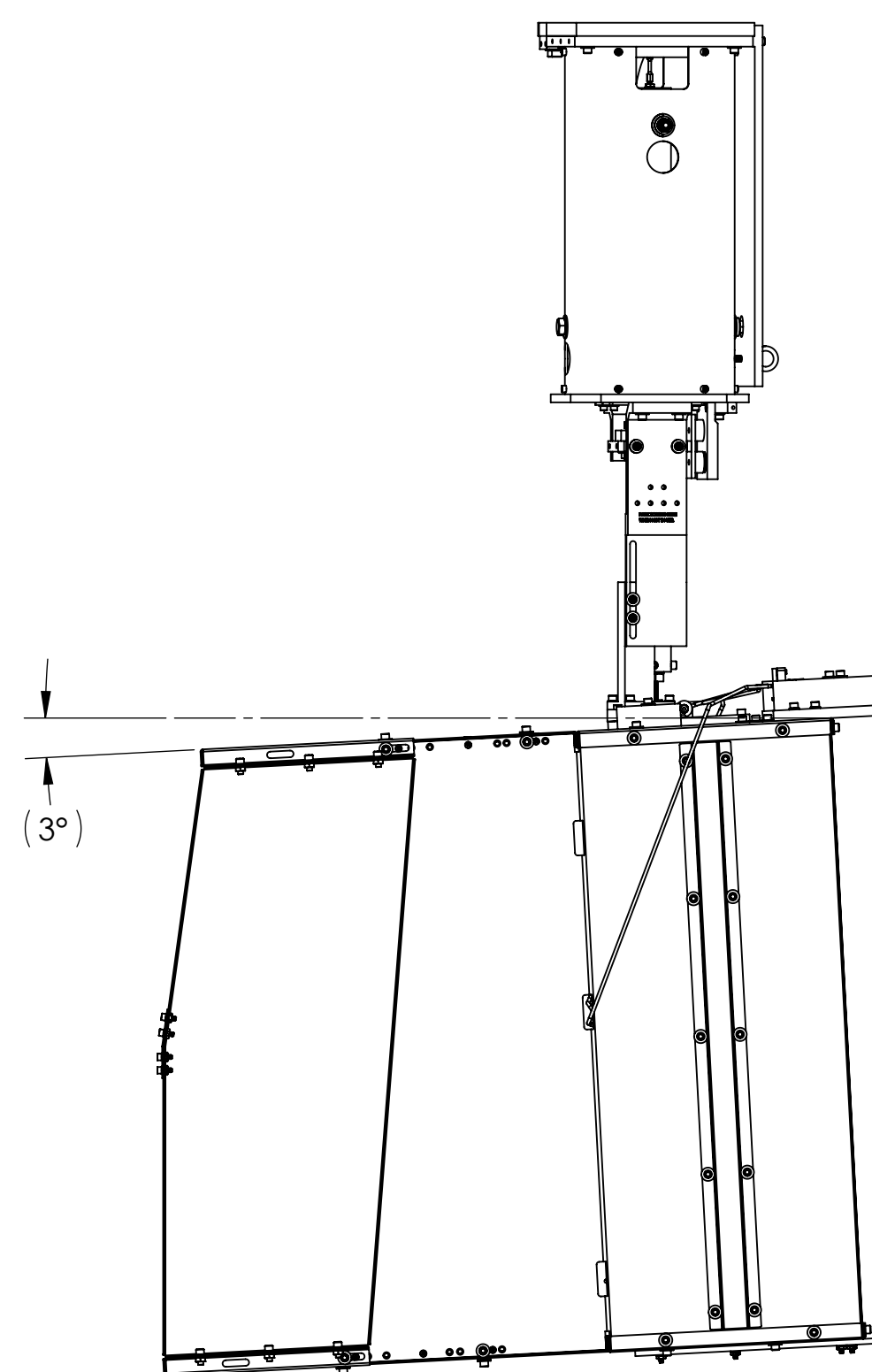
**DETAIL A**  
SCALE 1 : 4



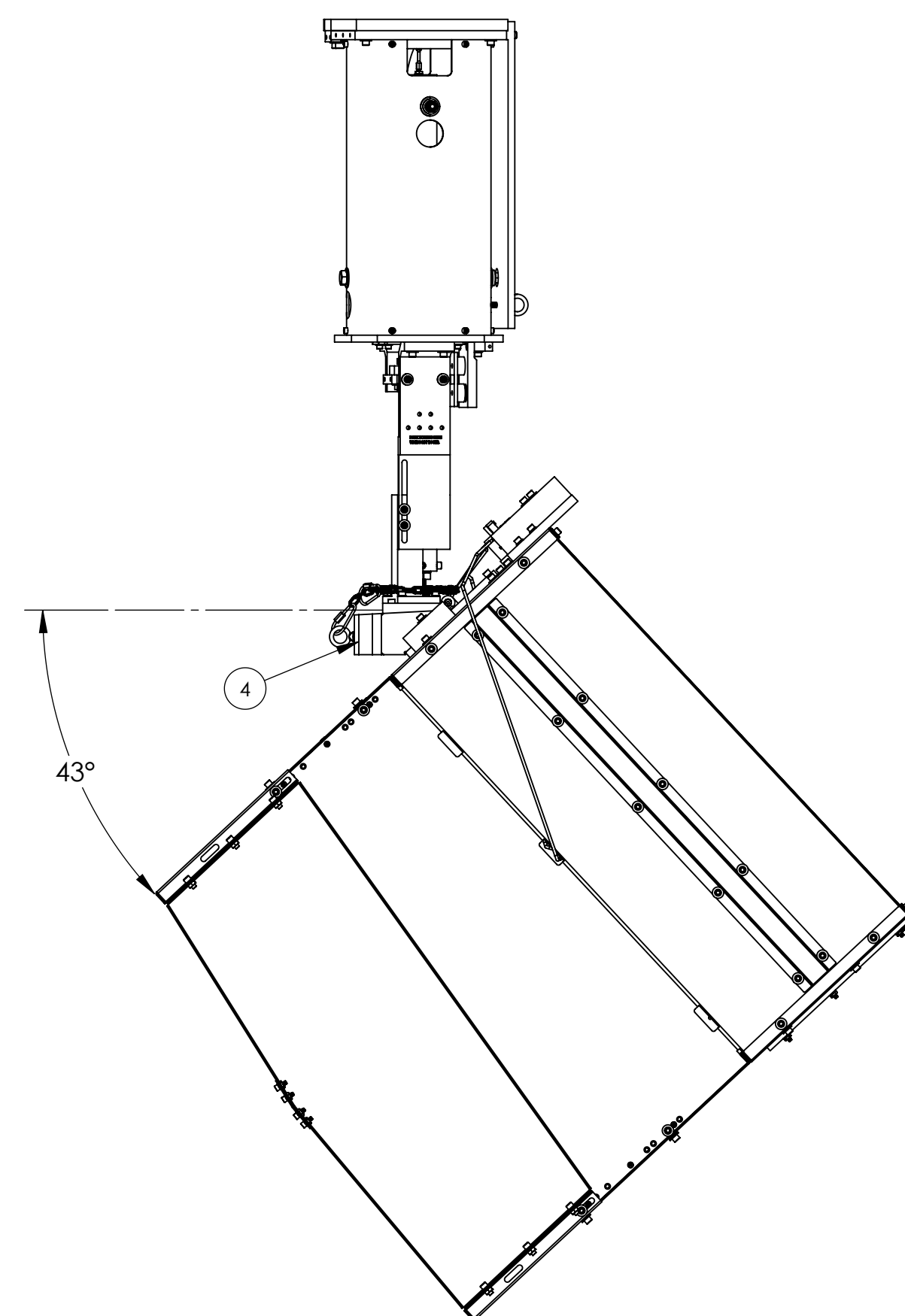
**ISO VIEW, REAR-RIGHT**



**REAR VIEW**



**SIDE VIEW**



**QUAD SERVICING POSITION**  
(SEE LIGO D1003374 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	C-1832-N	SCREW, SHC, 5/16 X 2.0 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	90945A740 McMASTER-CARR OR EQ.	McMASTER, WASHER, FLAT, #10, 300 SST, NAS 620-C10L OR EQUIV.	3
5	N-1024-A	HEX NUT, #10-24, AG PLATED, (OR EQUIVALENT)	1
4	D1300529	ALIGO, SLC, ITM ACB SWINGBACK WEDGE ASSY.	1
3	D1101293	SHOULDER SCREW #10-24, .25 D X 2.5	1
2	D1200657	ACB, 1 HOLE BOX ASSY, BSC1-L1 & H1	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 RIGHT\_ARM CAVITY BAFFLE ASSY (BSC1-L1)

MATERIAL N/A FINISH N/A μinch

SYSTEM ADVANCED LIGO SUB-SYSTEM AOS  
NEXT ASSY D1003374

DESIGNER - DRAFTER E.SANCHEZ 08 OCT 2012 SIZE DWG. NO. D1200578 REV. v3  
CHECKER SEE DCC SEE DCC  
APPROVAL SEE DCC SEE DCC SCALE: 1:8 PROJECTION: SHEET 1 OF 1

D1200578\_1\_HOLE ACB INTERNAL ASSY (BSC1-L1)\_PART PDM REV: X-047\_DRAWING PDM REV: X-011