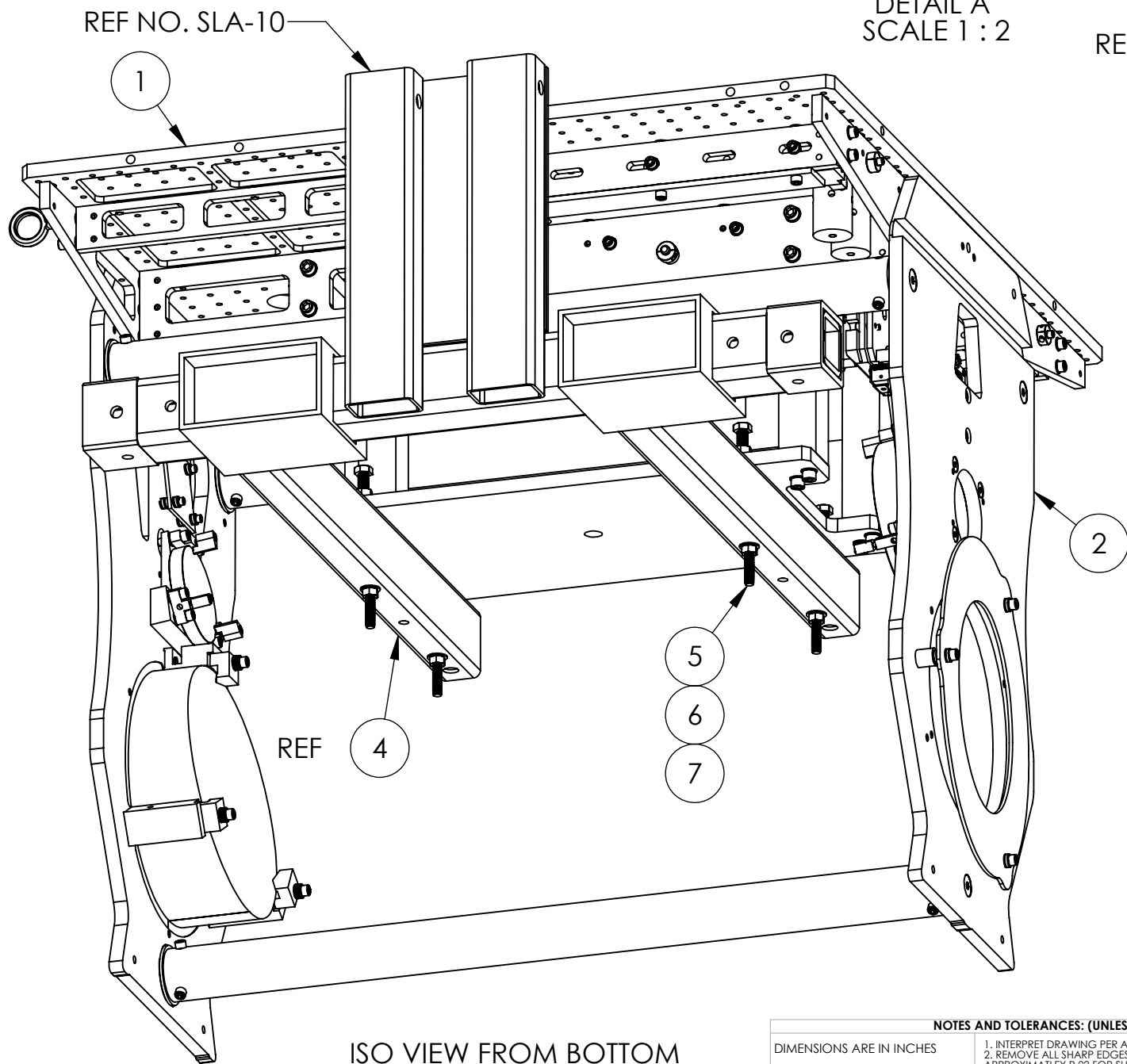
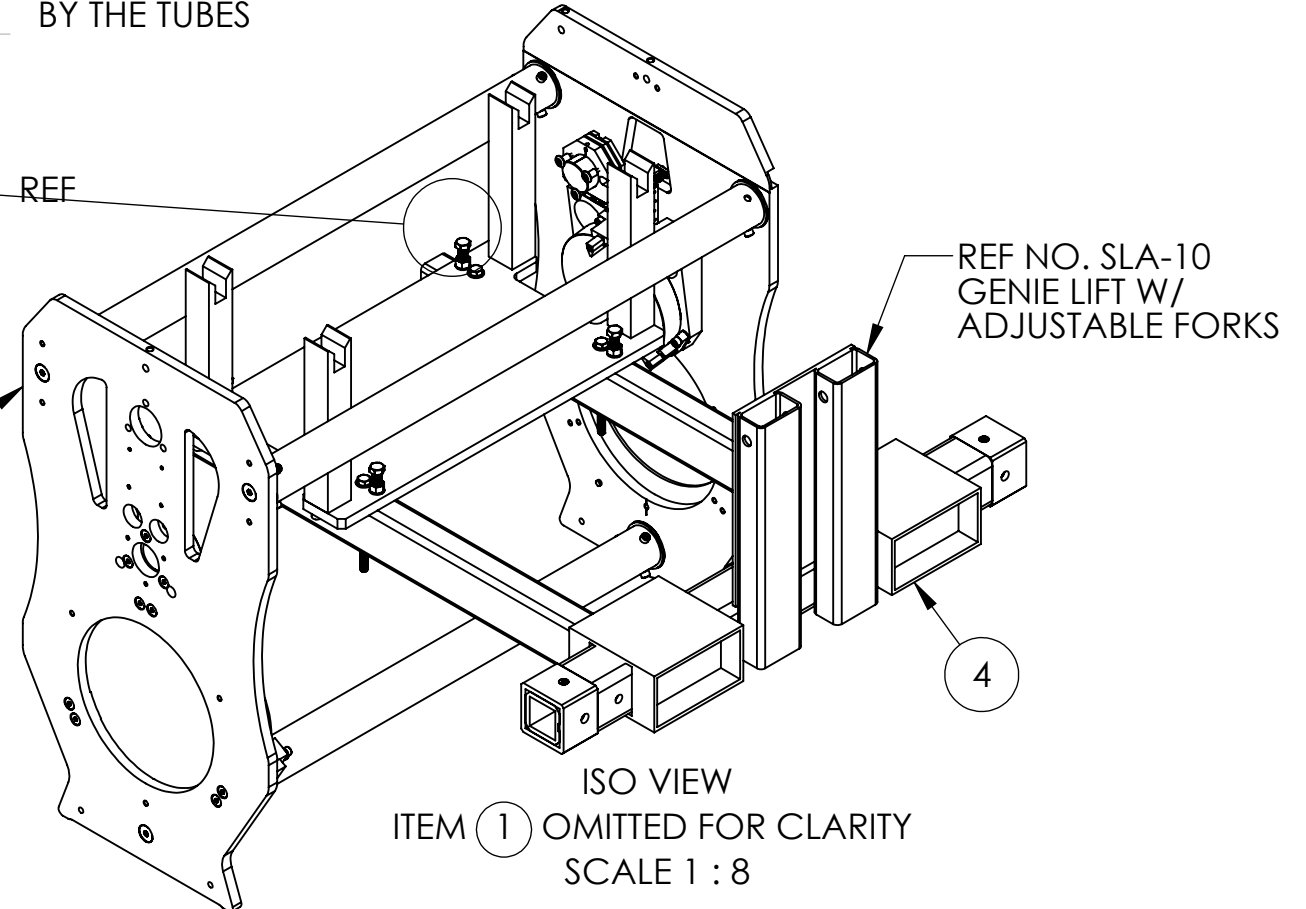
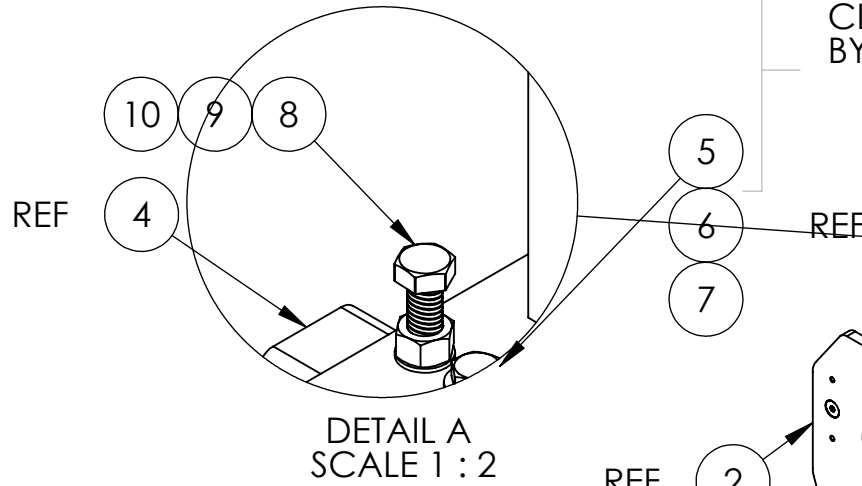


D1100908_αLIGO TMS TELE-OPT TABLE TOOL ASSY-GENIE FORK CONNECTION, PART PDM REV: X-009, DRAWING PDM REV: X-012

REV.	DATE	DCN #	DRAWING TREE #
v1	14 JUN 2011	E1100352-v1	-
v2	9-2-12	to follow	-
v3	10-25-12	to follow	-

NOTE:
OPTICAL TABLE REMOVED FOR
CLARITY NEVER LIFT TELESCOPE
BY THE TUBES



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
10	98017A200	FLAT WASHER, 3/8, (NAS 1149-C0663R OR EQUIV)	300 SSSL	4		4
9	D1100993	NICKEL-COPPER ALLOY 400 .375-16 HEX NUT, MODIFIED	NICKEL-COPPER ALLOY 400	4		4
8	D1100990	HEX HEAD CAP SCREW .375-16 UNC-2A X 1.50 LG, MODIFIED	18-8 SSSL	4		4
7	D1100989	NICKEL-COPPER ALLOY 400 .312-18 HEX NUT, MODIFIED	NICKEL-COPPER ALLOY 400	4		4
6	98019A385	.312 FLAT WASHER, .34 ID X .69 OD X .06 T, NASM 15795-812	300 SSSL	8		8
5	92240A601	MCMMASTER, HEX HEAD CAP SCREW, .312-18 UNC-2A X 4.50 LG, SSSL	18-8 SSSL	4		4
4	D1100886	MODIFIED GENIE LIFT FORKS	N/A	1		1
3	D1100841	αLIGO TMS TELE-OPT TABLE INSTALL TOOL ASSY	N/A	1		1
2	D1003120	αLIGO TMS TELESCOPE FRAME ASSEMBLY	N/A	1		1
1	D1001160	αLIGO OPTICS TABLE SHRUCTRAL ASSEMBLY	N/A	1		1

PARTS LIST

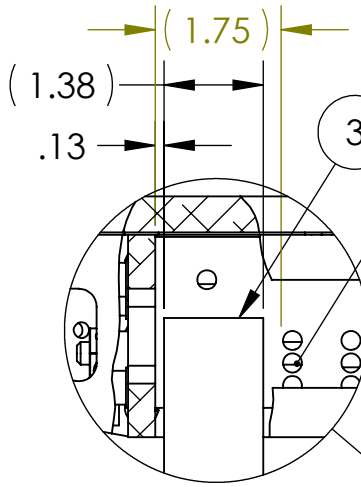
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 .XX ± .02
 .XXX ± .010
 ANGULAR ± 1.0°
 MATERIAL N/A
 FINISH N/A μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 SYSTEM ADVANCED LIGO SUB-SYSTEM AOS
 NEXT ASSY D1101064 & T1100304
 PART NAME αLIGO TMS TELE-OPT TABLE TOOL ASSY-GENIE FORK CONNECTION
 DESIGNER J. TERRAZAS 05 MAY 2011
 DRAFTER J. TERRAZAS 16 MAY 2011
 CHECKER k.malland 10-25-12
 APPROVAL
 SIZE DWG. NO. B D1100908
 REV. v3
 SCALE: 1:12 PROJECTION: SHEET 1 OF 3

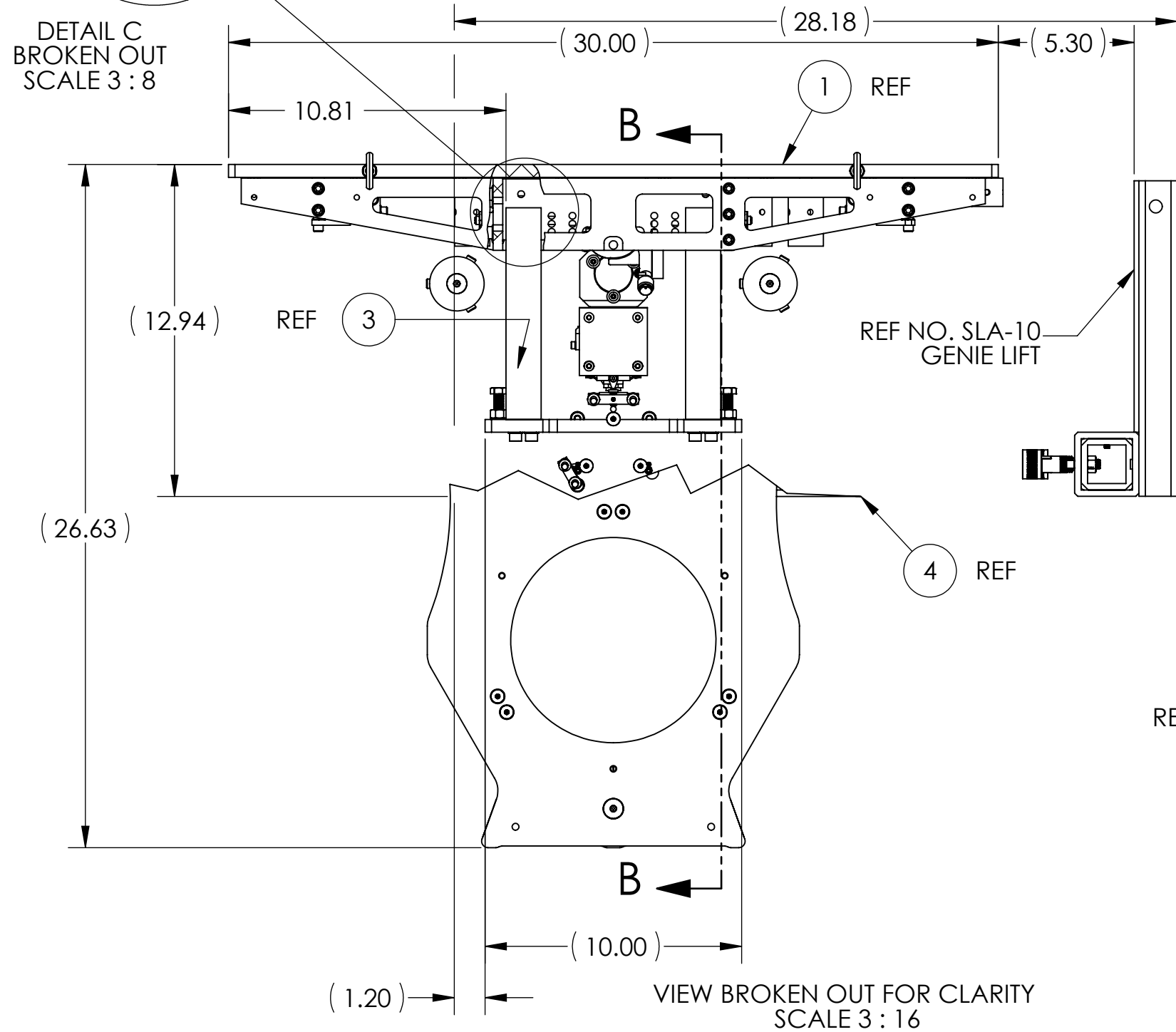
8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

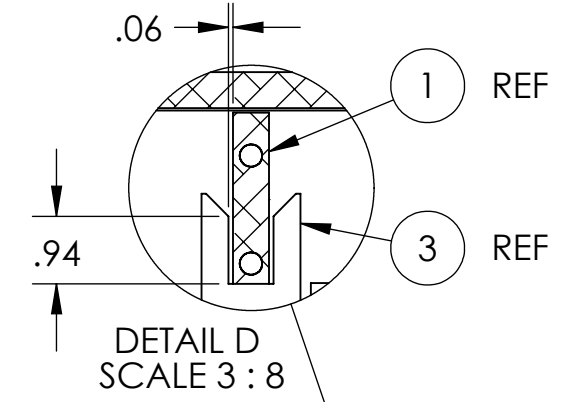
D1100908 TMS TELE-OPT TABLE TOOL ASSY-GENIE FORK CONNECTION, PART PDM REV: X-009, DRAWING PDM REV: X-012



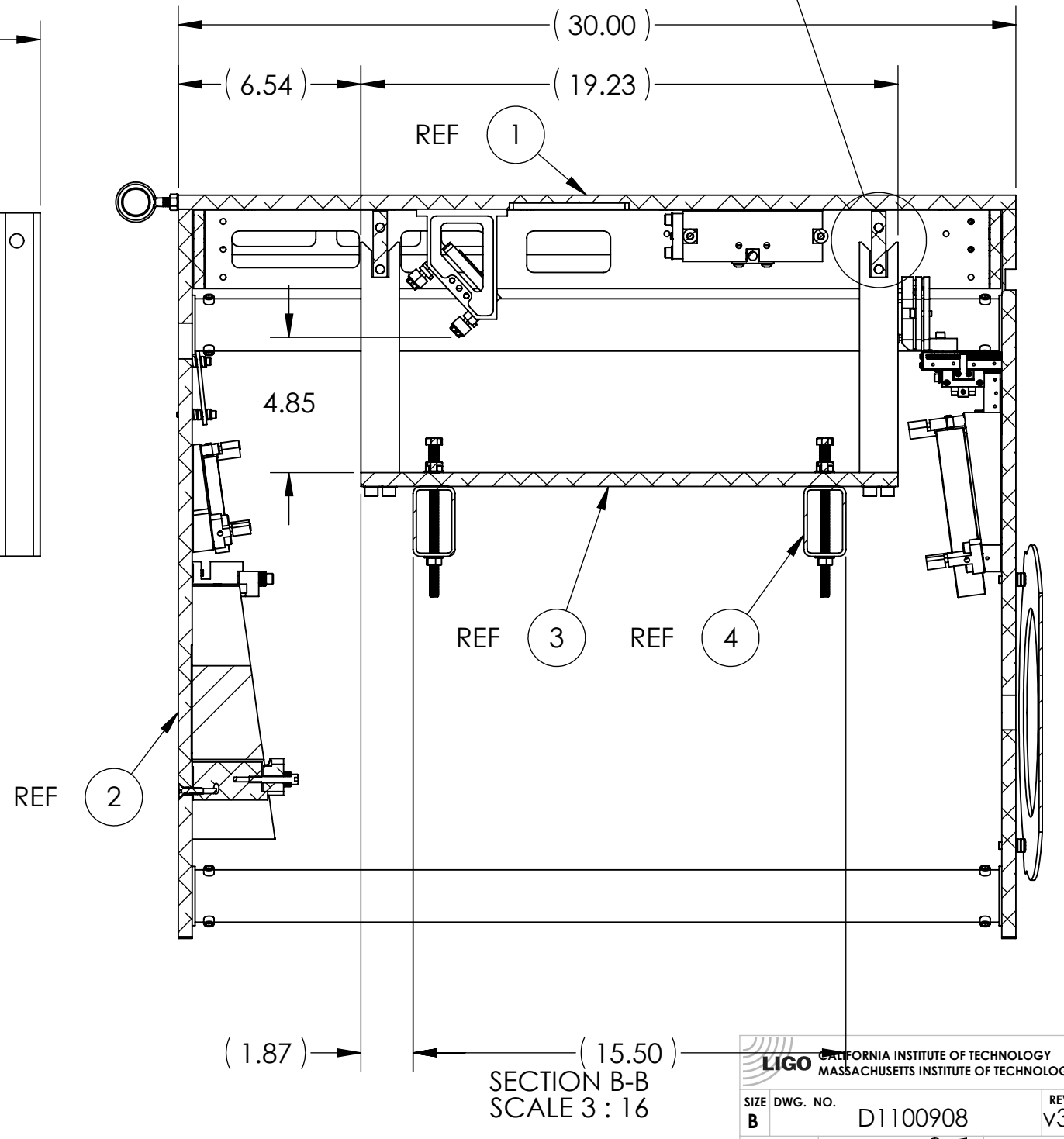
DETAIL C
BROKEN OUT
SCALE 3 : 8



NOTE:
NEVER LIFT TELESCOPE
BY THE TUBES



DETAIL D
SCALE 3 : 8



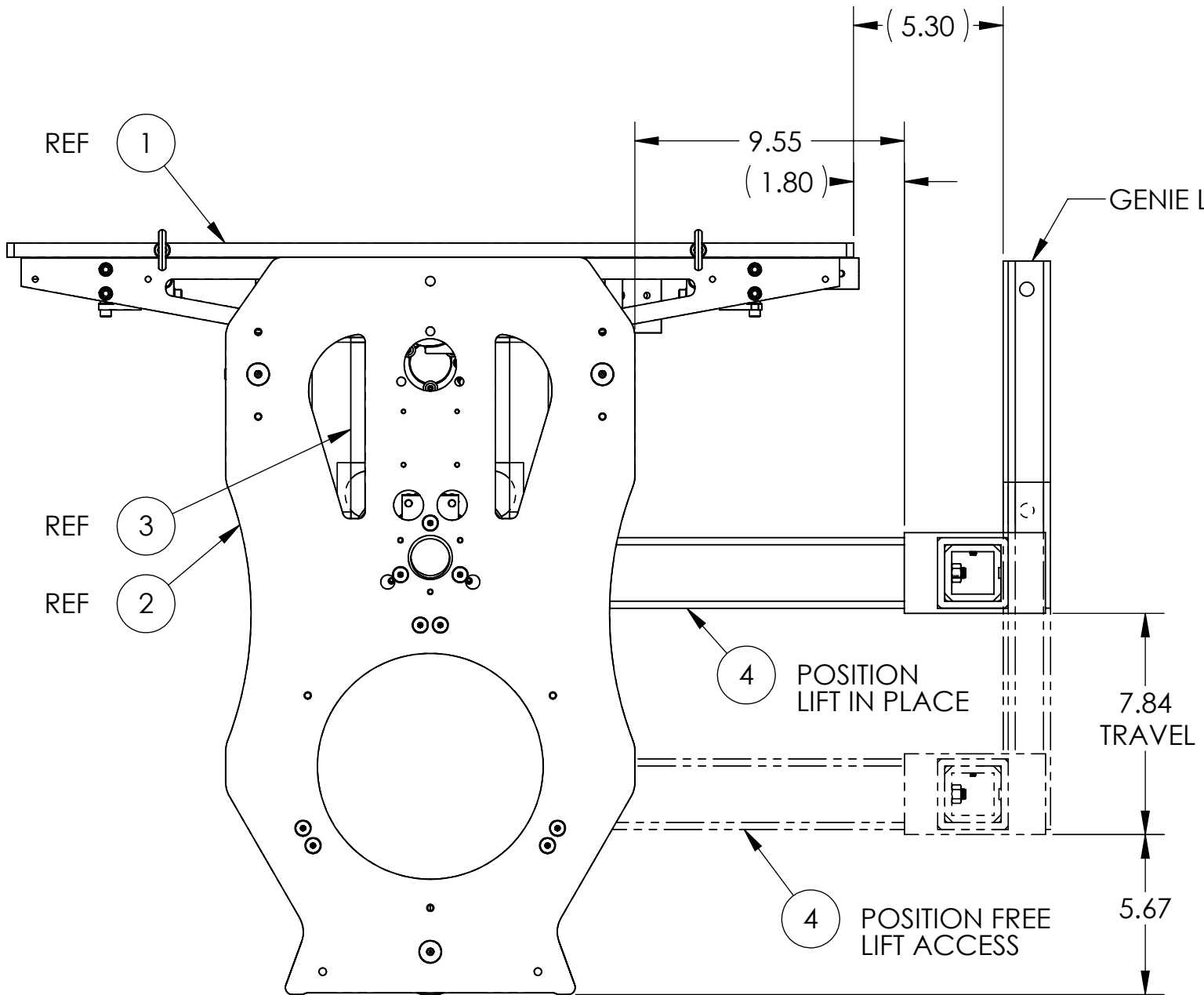
SECTION B-B
SCALE 3 : 16

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

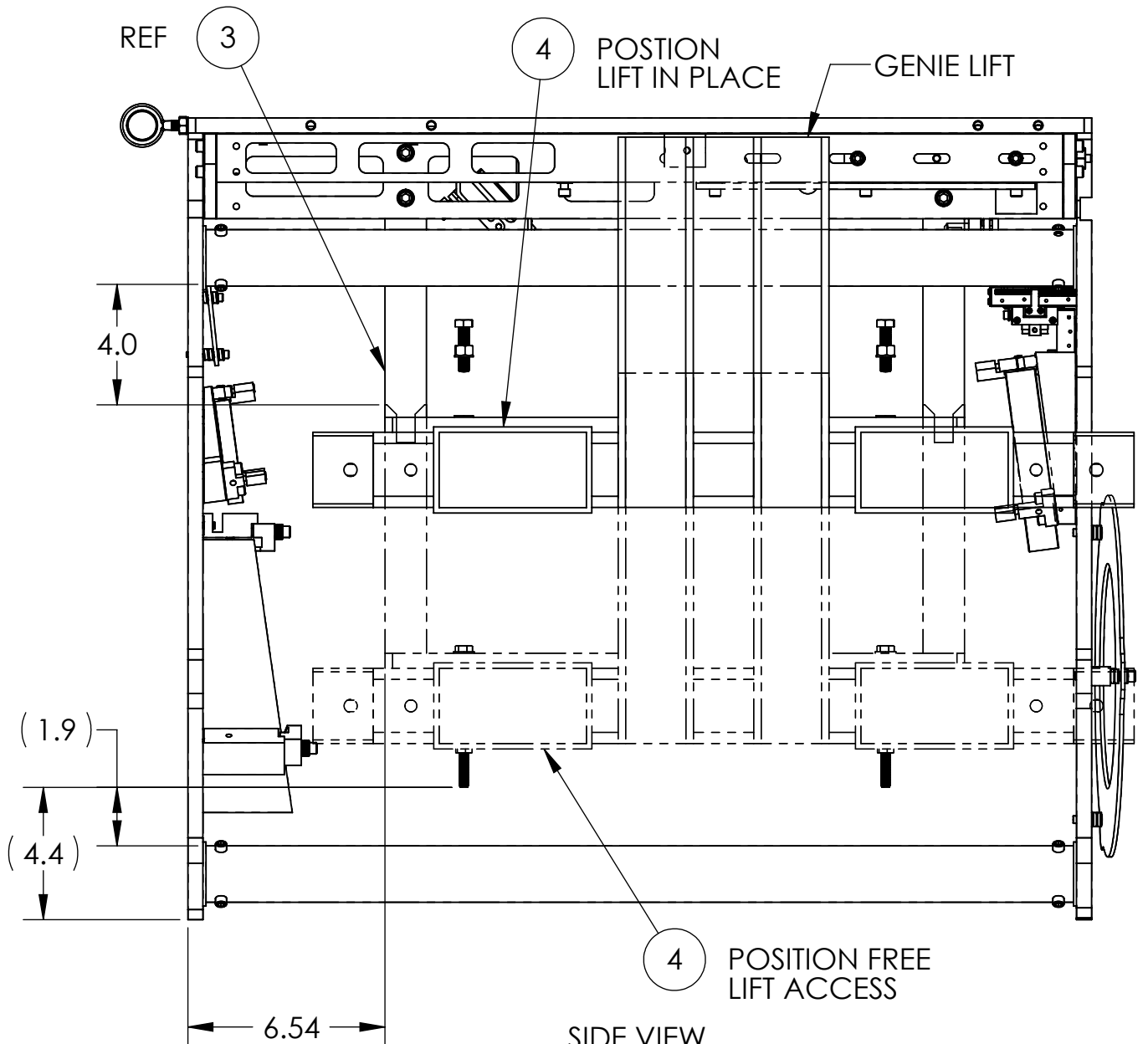
SIZE	DWG. NO.	REV.
B	D1100908	v3
SCALE: 1:12	PROJECTION:	SHEET 2 OF 3

D1100908_TMS TELE-OPT TABLE TOOL ASSY-GENIE FORK CONNECTION, PART PDM REV: X-009, DRAWING PDM REV: X-012

NOTE:
NEVER LIFT TELESCOPE
BY THE TUBES



FRONT VIEW
ITEMS (3) & (4) ACCESS TO (1) & (2)
SCALE 3 : 16



SIDE VIEW
ITEMS (3) & (4) ACCESS TO (1) & (2)
SCALE 3 : 16