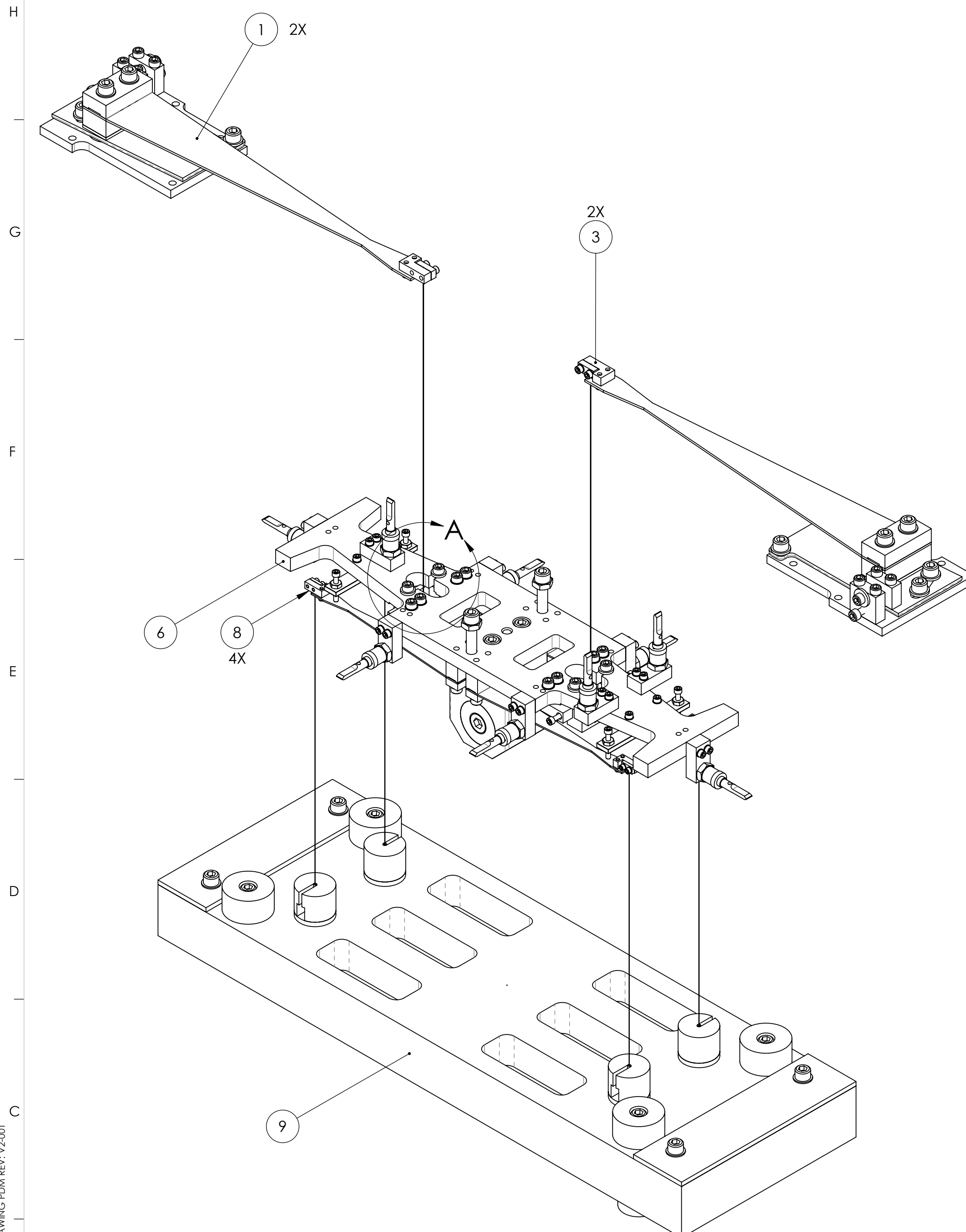


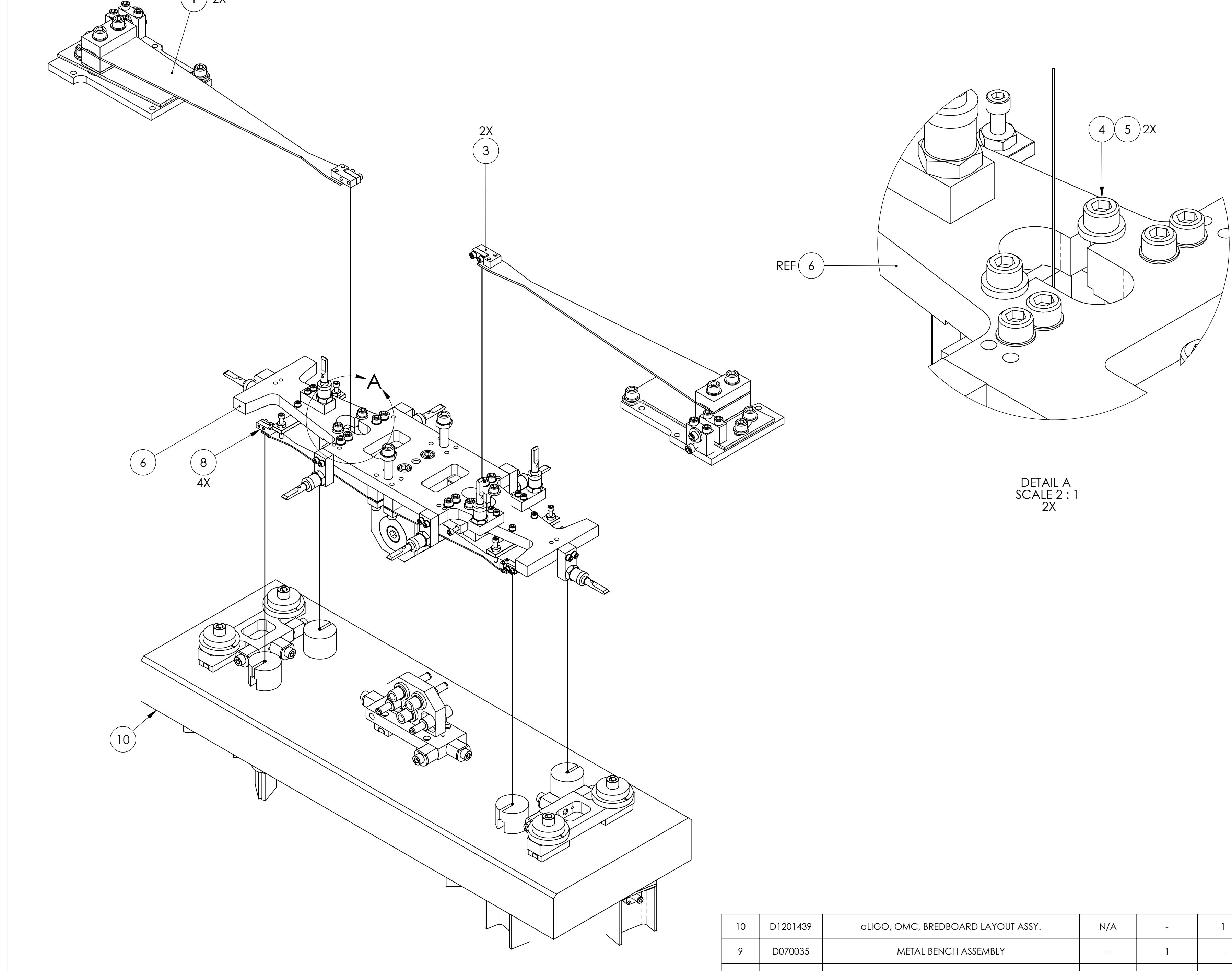
METAL BENCH

GLASS BENCH

REV.	DATE	DCN #	DRAWING TREE #
v1	04 SEP 2012	E1200801	E0900061
v2	28 JAN 2013	E1300085	E0900061
v3	30 MAR 2015	E1500181-x0	-



ISO VIEW



ISO VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	METAL/QTY.	Glass/QTY.	SPARE	TOTAL
10	D1201439	αLIGO, OMC, BREDBOARD LAYOUT ASSY.	N/A	-	1		0
9	D070035	METAL BENCH ASSEMBLY	--	1	-	0	0
8	D060537	LOWER WIRE ASSEMBLY	--	4	4	0	0
7	-	SCREW, SOCKET HEAD CAP, #2-56 UNC-2A X 0.25 LONG	Ag-PLATED 300 SSSL	8	8	2	2
6	D060502	UPPER MASS ASSEMBLY	--	1	1	0	0
5	D1100785-359	WASHER, FLAT, 0.20 X 0.359 O.D.	NITRONIC 60	4	4	1	1
4	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.75 LONG	Ag-PLATED 300 SSSL	4	4	1	1
3	D060536	UPPER WIRE ASSEMBLY	--	2	2	0	0
2	-	SCREW, SOCKET HEAD CAP, #4-40 UNC-2A X 0.25 LONG	Ag-PLATED 300 SSSL	4	4	1	1
1	D030451	ROTATIONAL ADJUSTER ASSEMBLY	--	2	2	0	0

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME
SUSPENDED MASS ASSY, OMCS

MATERIAL N/A FINISH N/A μinch

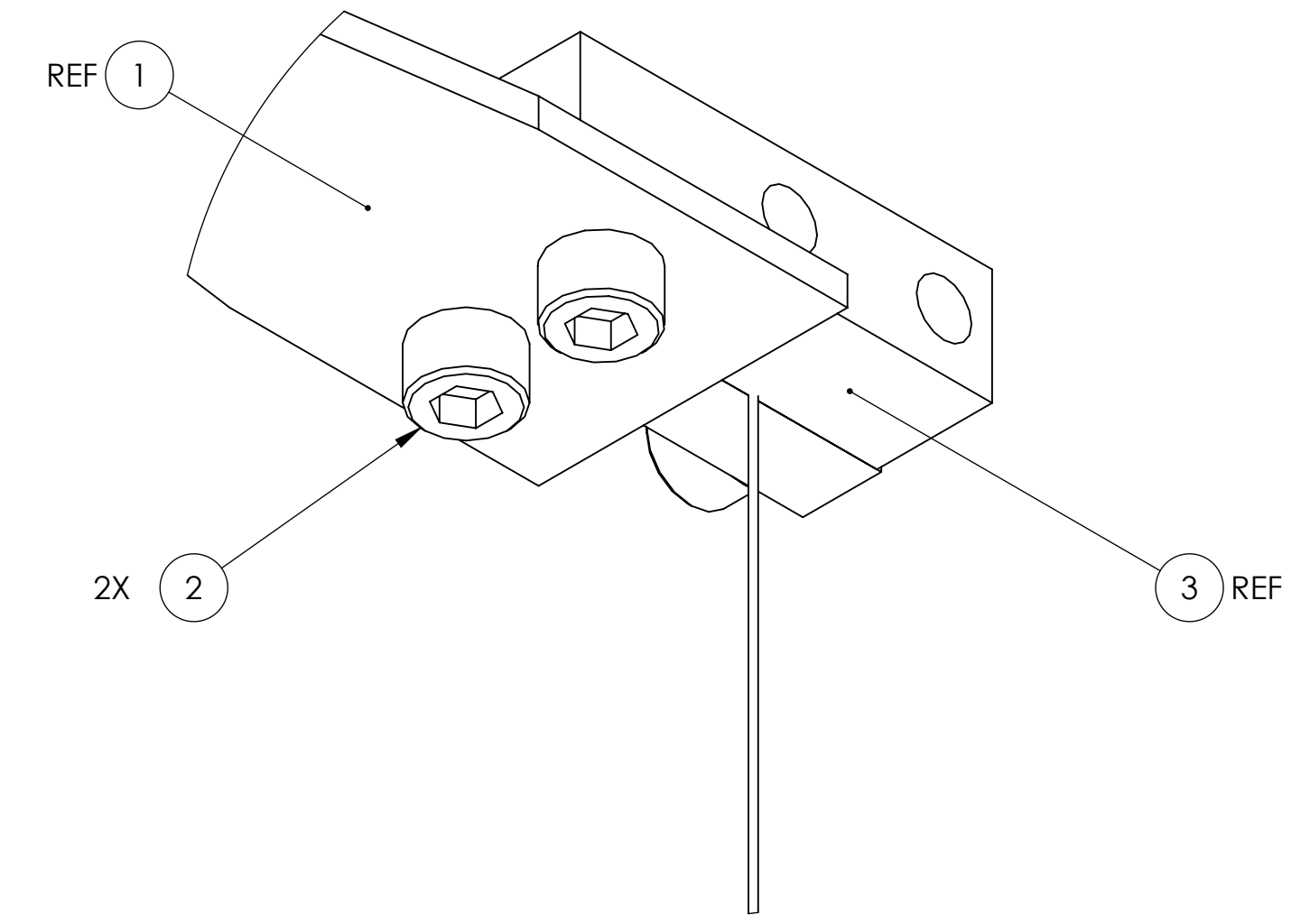
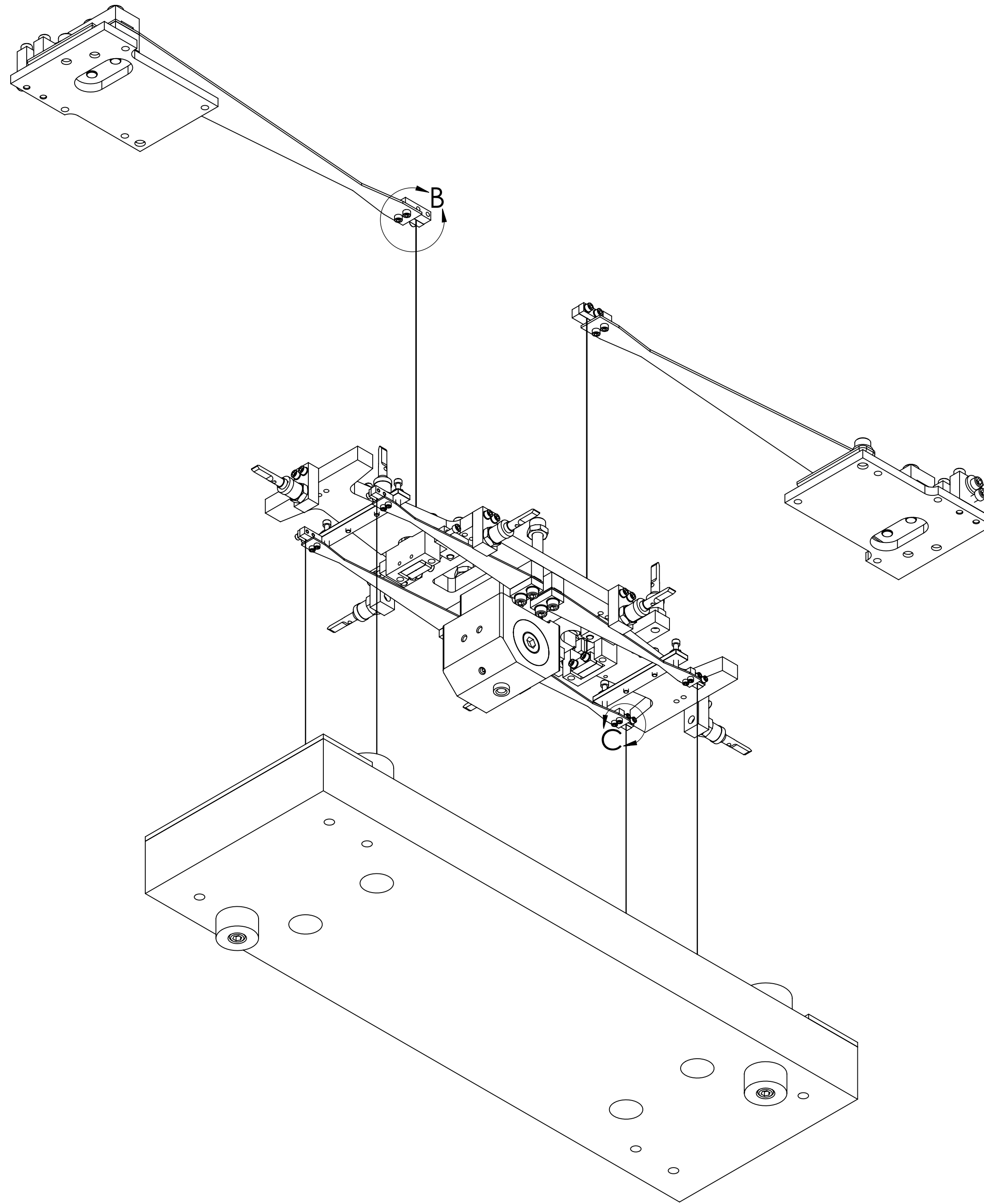
SYSTEM ADVANCED LIGO SUB-SYSTEM SUS
NEXT ASSY OMCS OVERALL ASSY

DESIGNER D. BRIDGES 25 FEB 2013 SIZE DWG. NO. D
DRAFTER D. BRIDGES 25 FEB 2013
CHECKER B. MOORE 25 FEB 2013
APPROVAL
SCALE: 1:2 PROJECTION: SHEET 1 OF 2

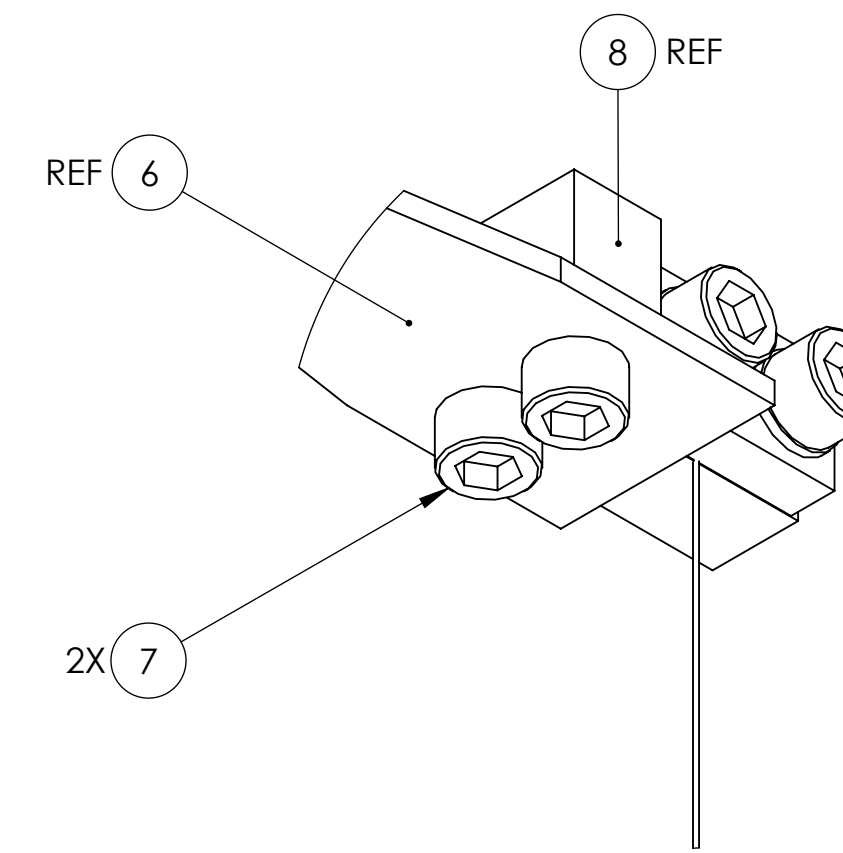
A

D:\2012\Advanced\LIGO_305_OMC_Suspended_Mass_Assembly_P\PART_FDM_REV-V2-001.DRAWING_FDM_REV-V2-001


① DETAILS B AND C ARE TYPICAL TO BOTH (GLASS AND METAL) CONFIGURATIONS.



DETAIL B
SCALE 4:1 ①
2X



DETAIL C
SCALE 4:1 ①
4X

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1201212	v3
SCALE: 1:2	PROJECTION:  SHEET 2 OF 2

D:\2012\Advanced\LIGO_305_OMIC_Suspended_Mass_Assembly_PART_FDW_REV-V2-001.DRAWING_FDW_REV-V2-001