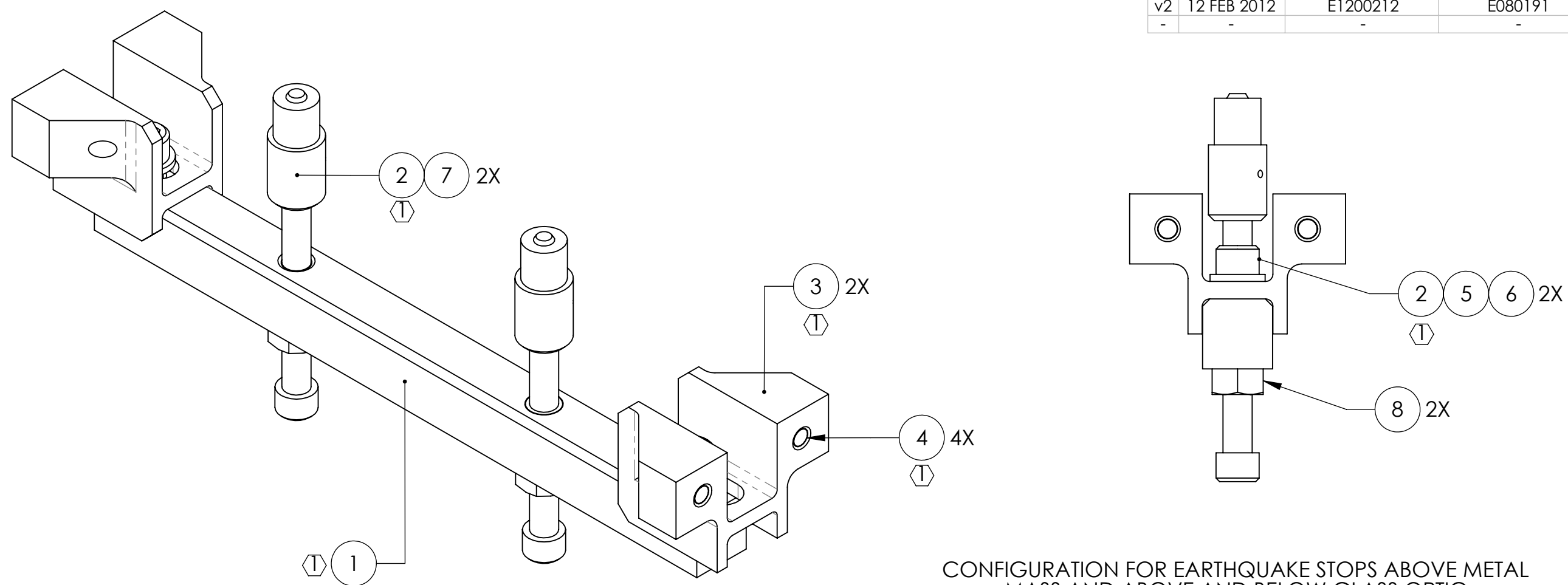


D1102071\_Advanced\_LIGO\_SUS\_HLTS\_Earthquake\_Stop\_Assembly\_Bridge\_Upper\_PART PDM REV: V1-001, DRAWING PDM REV: V1-000

REV.	DATE	DCN #	DRAWING TREE #
v1	24 OCT 2011	E1101053	E080191
v2	12 FEB 2012	E1200212	E080191
-	-	-	-



CONFIGURATION FOR EARTHQUAKE STOPS ABOVE METAL MASS AND ABOVE AND BELOW GLASS OPTIC

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
8	-	HEX NUT, 1/4-20	Ag-PLATED 300 SSSL	2	1	3
7	D080725	EARTHQUAKE STOP FOR METAL OR GLASS	N/A	2	0	2
6	D1100785-472	WASHER, FLAT, 0.25 X 0.472 O.D.	NITRONIC 60	2	1	3
5	-	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.75 LONG	300 SSSL	2	1	3
4	1185-2EN410	HELICOIL, #8-32 X 0.41 LONG (T)	NITRONIC 60	4	2	6
3	D1102072	EARTHQUAKE STOP MOUNT, BRIDGE, UPPER (T)	6061-T6 Al	2	0	2
2	1185-4EN500	HELICOIL, 1/4-20 X 0.5 LONG (T)	NITRONIC 60	4	2	6
1	D070321	EARTHQUAKE STOP BRIDGE CROSSBAR (T)	6061-T6 Al	1	0	1

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

(T) HELICOILS TO BE INSTALLED INTO ITEM NO. 1 AND ITEM NO. 3 BY LIGO PRIOR TO ASSEMBLY AND AFTER ALL PARTS ARE CLEANED AND BAKED. 2. PARTS TO BE ASSEMBLED ACCORDING TO E080208 HLTS ASSEMBLY SPECIFICATION.

MATERIAL	N/A	FINISH	N/A μinch
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CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME <b>EARTHQUAKE STOP ASSY, BRIDGE, UPPER</b>	
SYSTEM <b>ADVANCED LIGO</b>	SUB-SYSTEM <b>SUS</b>	DESIGNER D. BRIDGES 13 FEB 2012	SIZE DWG. NO. <b>B D1102071</b>
DRAFTER D. BRIDGES 13 FEB 2012	CHECKER J. ROMIE 14 FEB 2012	APPROVAL	REV. <b>v2</b>
NEXT ASSY <b>HLTS OVERALL ASSY</b>		SCALE: 1:1	PROJECTION:  SHEET 1 OF 2

8 7 6 5 4 3 2 1

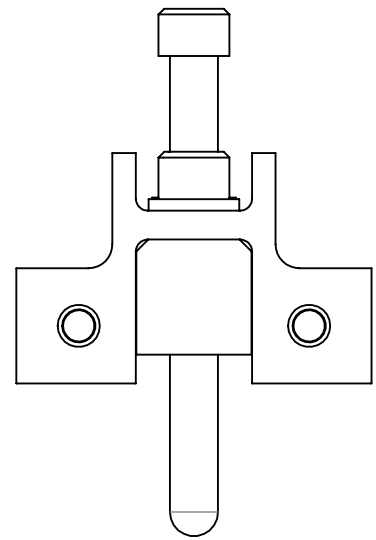
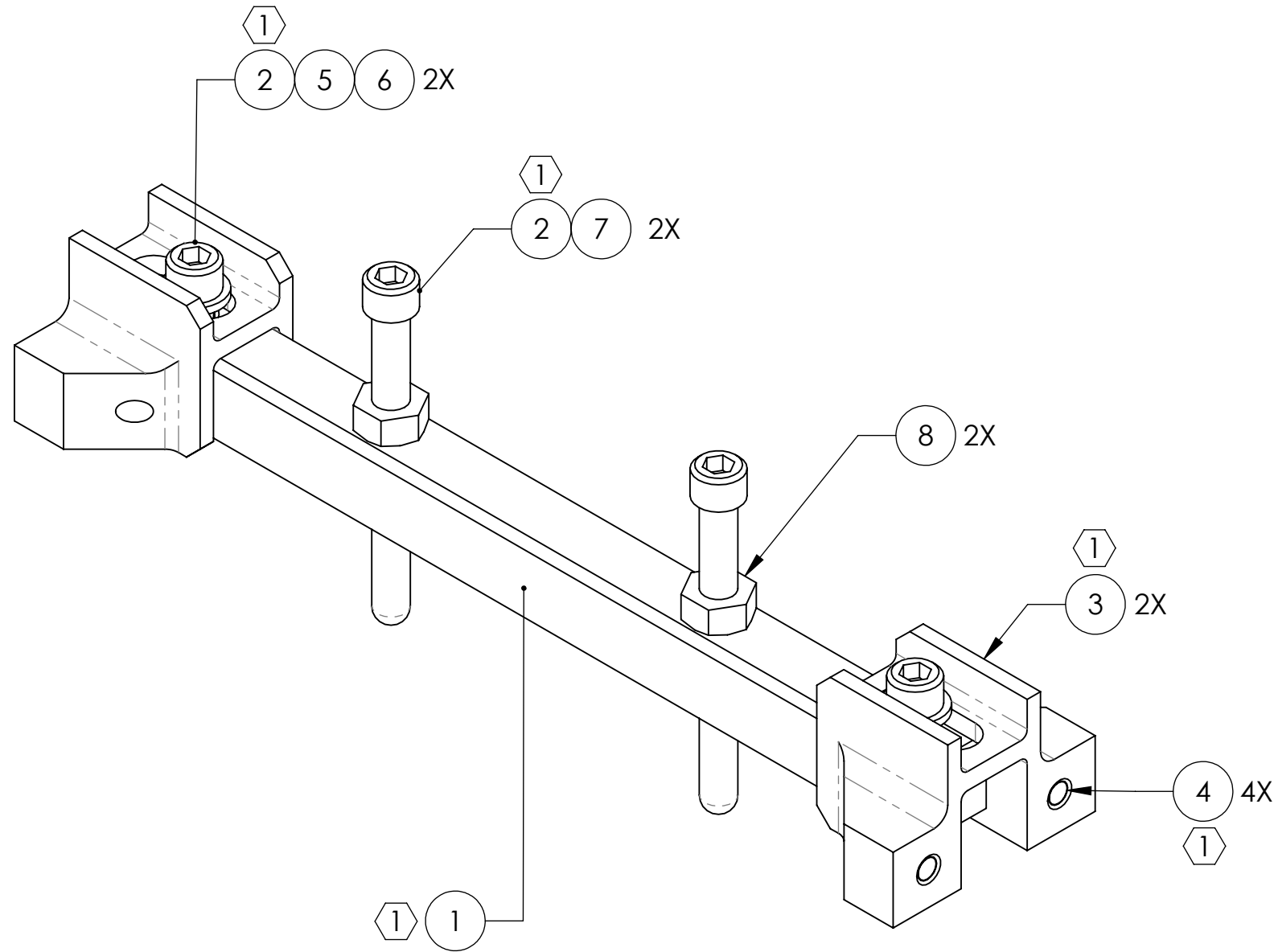
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D1102071\_Advanced\_LIGO\_SUS\_HLTS\_Earthquake\_Stop\_Assembly\_Bridge\_Upper\_PART PDM REV: V1-001, DRAWING PDM REV: V1-000



CONFIGURATION FOR EARTHQUAKE STOPS BELOW METAL MASS

 <b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b> <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>		
SIZE	DWG. NO.	REV.
<b>B</b>	D1102071	<b>v2</b>
SCALE: 1:1	PROJECTION:	SHEET 2 OF 2