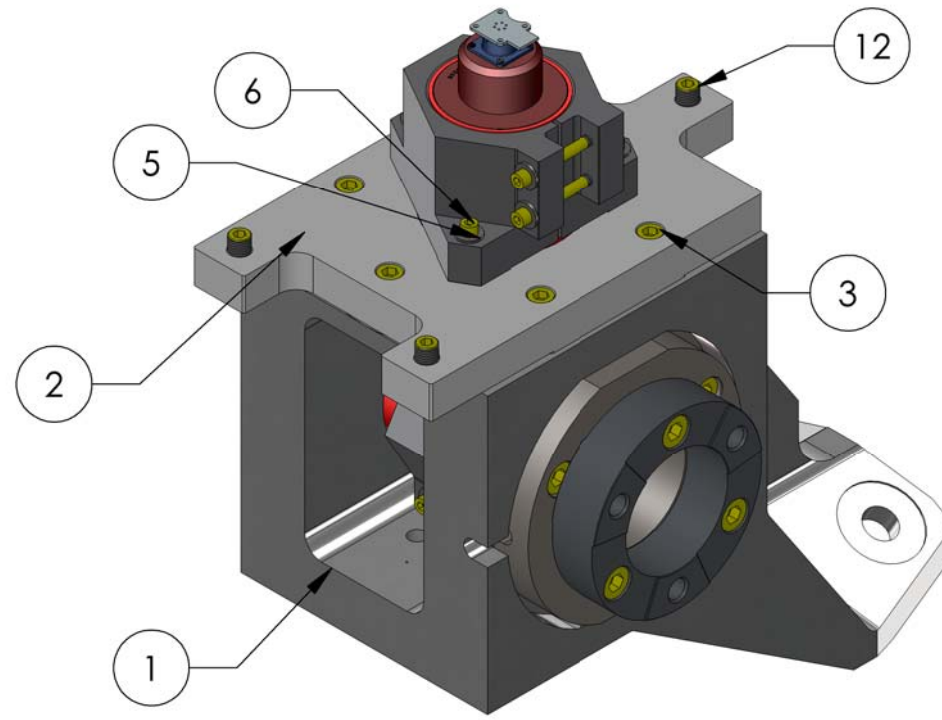
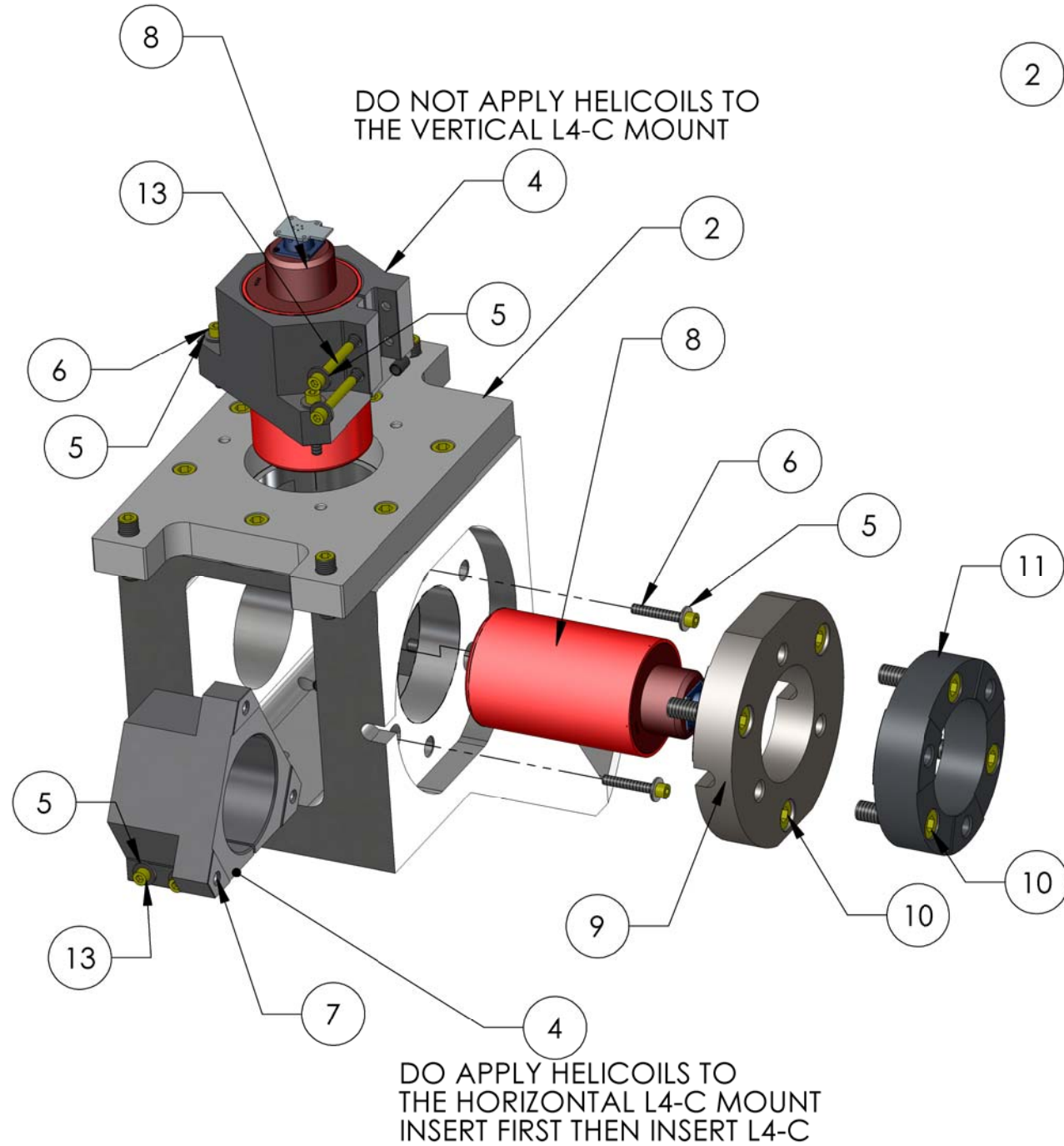


NOTES CONTINUED:

- 4. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
- 5. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

REV.	DATE	DCN #	DRAWING TREE #
v1	7 Mar 2011	E1100015	E1100016



13	McMASTER_92196A553	SCREW 1/4-20 X 2 3/4 LG SHCS, 1" TO FULLY THREADED	18-8 SSTL	4
12	McMASTER_92311A747	SET SCREW, CUP POINT, 1/2-20 X 1.75 LG.	18-8 SSTL	3
11	D080548	HAM HEPI Horz Actuator Adapter 2	AISI 1020 Steel, Cold Rolled	1
10	McMASTER_92196A387	SCREW 1/2-20 X 1 1/2 LG SCHS	18-8 SSTL	6
9	D080547	HAM HEPI Horz Actuator Adapter 1	AISI 1020 Steel, Cold Rolled	1
8	L4-C	SEISMOMETER ASSEMBLY	SEE BOM	2
7	1185-4EN500	HELICOIL 1/4-20 X 2 DIA	NITRONIC 60	5
6	HOLOKROME 78066	SCREW 1/4-20 X 1 1/2 LG SHCS	18-8 SSTL	6
5	McMASTER_90126A029	WASHER .281 ID X .63 OD X .05-0.8 THK	Alloy Steel	10
4	D030586	HEPI L4-C Mount	6061-T6 Al	2
3	HOLOKROME_78100	SCREW, 3/8-16 X 1 1/4 LG, SHCS	18-8 SSTL	6
2	D080546	HAM HEPI VERT L4-C ADAPTOR	AISI 1018 Steel, Cold Rolled	1
1	D020195-02	HEPI CROSSBEAM FOOT RIGHT, aLIGO HAM	Low Carbon Steel	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ

DIMENSIONS ARE IN INCHES		TOLERANCES: .XX ± N/A .XXX ± N/A ANGULAR ± N/A*		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
1. INTERPRET DRAWING PER ASME Y14.5-1994.		2. REMOVE ALL SHARP EDGES, .03 x 45°.		3. DO NOT SCALE FROM DRAWING.		ADVANCED LIGO		HEPI CROSSBEAM ATTACHMENT, aLIGO HAM RIGHT	
MATERIAL SEE BOM		FINISH N/A μinch		NEXT ASSY D1100146		DESIGNER A. STEIN 15 Apr, 2009		SIZE DWG. NO. B D1100147	
						DRAFTER M.HILLARD 7 Mar 2011		REV. v1	
						CHECKER K.MASON 7 Mar 2011		SCALE: 1:4	
						APPROVAL K.MASON 7 Mar 2011		PROJECTION: SHEET 1 OF 1	

D1100147 HEPI CROSSBEAM ATTACHMENT, aLIGO HAM RIGHT, PART PDM REV: X-004, DRAWING PDM REV: X-002