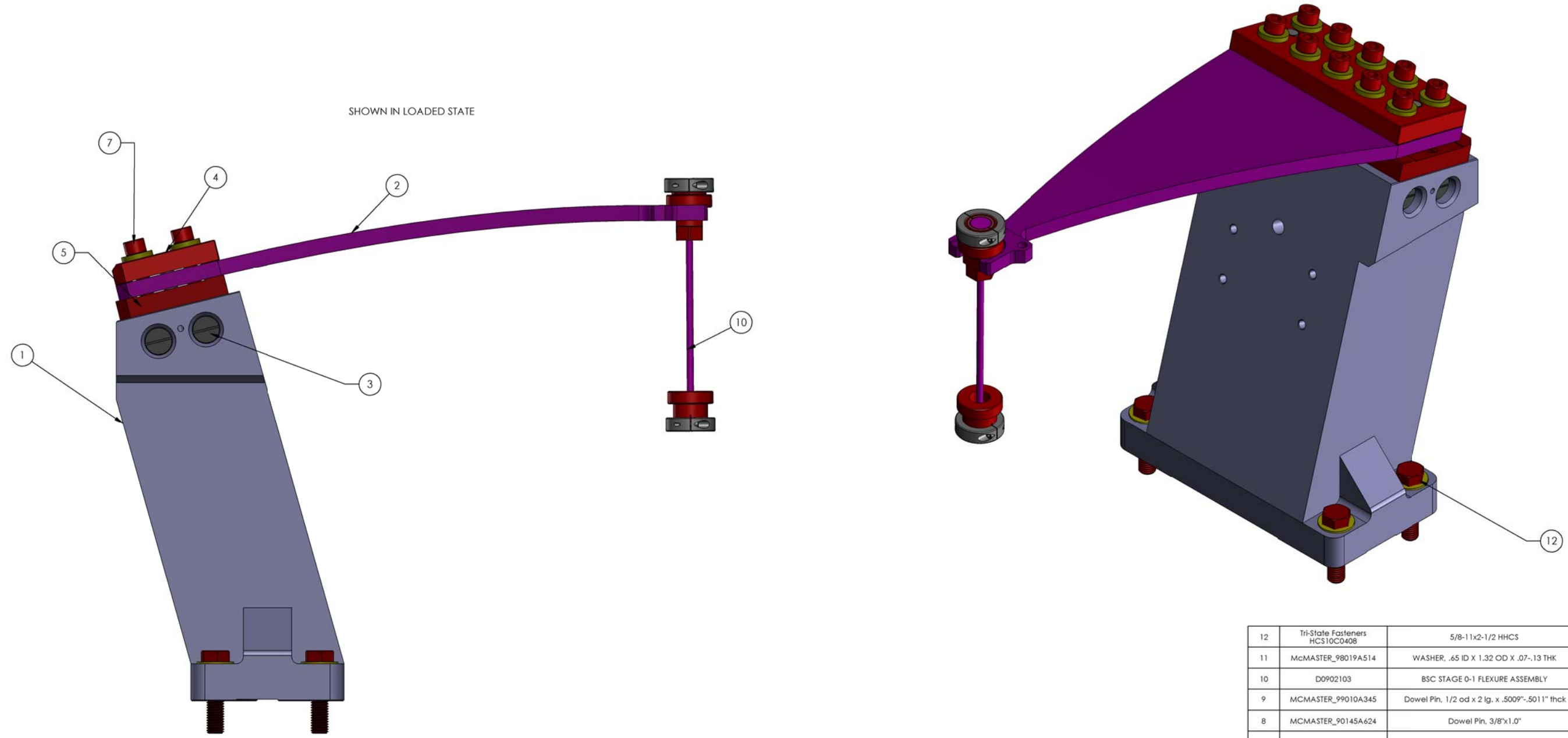


NOTES CONTINUED:
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
 6. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

REV.	DATE	DCN #	DRAWING TREE #
v1	26 Feb. 2010	E1000022	E1000025
v2	29 Nov. 2010	E1000756	E1000025
v3	4 June 2011	E1100509	E1000025



SHOWN IN LOADED STATE

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
12	Tri-State Fasteners HCS10C0408	5/8-11x2-1/2 HHCS	304 SSSL	4
11	McMASTER_98019A514	WASHER, .65 ID X 1.32 OD X .07-.13 THK	300 SSSL	4
10	D0902103	BSC STAGE 0-1 FLEXURE ASSEMBLY	N/A	1
9	MCMaster_99010A345	Dowel Pin, 1/2 od x 2 lg. x .5009"-.5011" thck	18-8 SS	2
8	MCMaster_90145A624	Dowel Pin, 3/8"x1.0"	18-8 SS	2
7	D1100686	Custom Bolt from Eastwood, 1/2-13x3.75 SHCS 17-4	17-4 PH SSSL	10
6	MCMaster_98125A033	Washer, .53 ID X 1.13 OD X .19 THK	18-8 SSSL	10
5	D1100570	Stage 0-1 Blades Angled Spacer, aLIGO BSC-ISI	304 SSSL	1
4	D0902697	SPRING CLAMP CAP, STAGE 0, aLIGO BSC ISI	17-4 PH SSSL, H 1150	1
3	D1002379	BARREL NUT BAR, SPRING POST, STAGE 0-1, aLIGO BSC ISI	NITRONIC 60	2
2	D0901541	BLADE SPRING, STAGE 0-1, aLIGO BSC ISI	MARAGING STEEL C300	1
1	D0901499	BLADE POST, STAGE 0-1, aLIGO BSC ISI	6061-T6 Al	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± N/A .XXX ± N/A ANGULAR ± N/A *	MATERIAL: N/A FINISH: N/A μinch

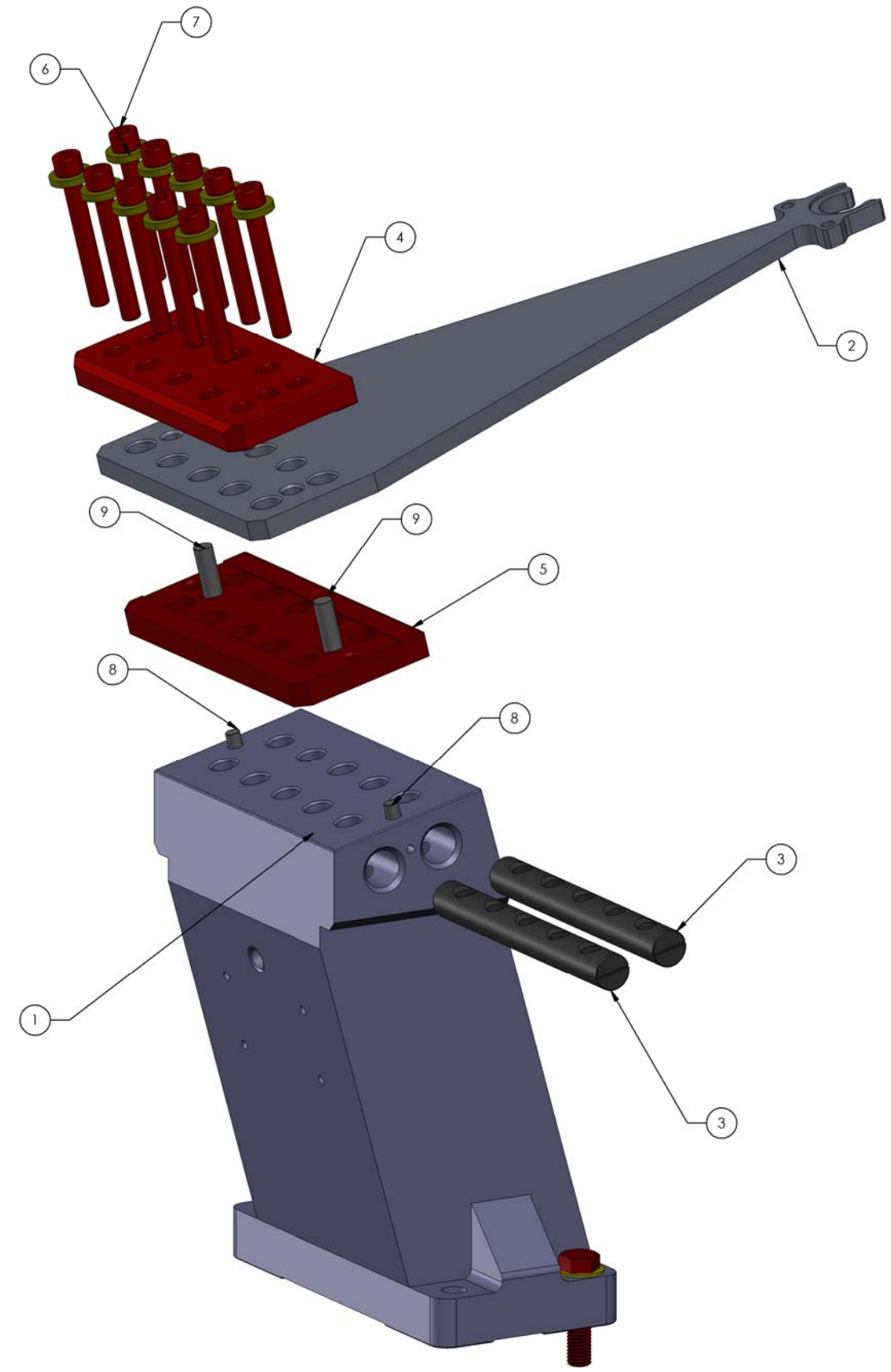
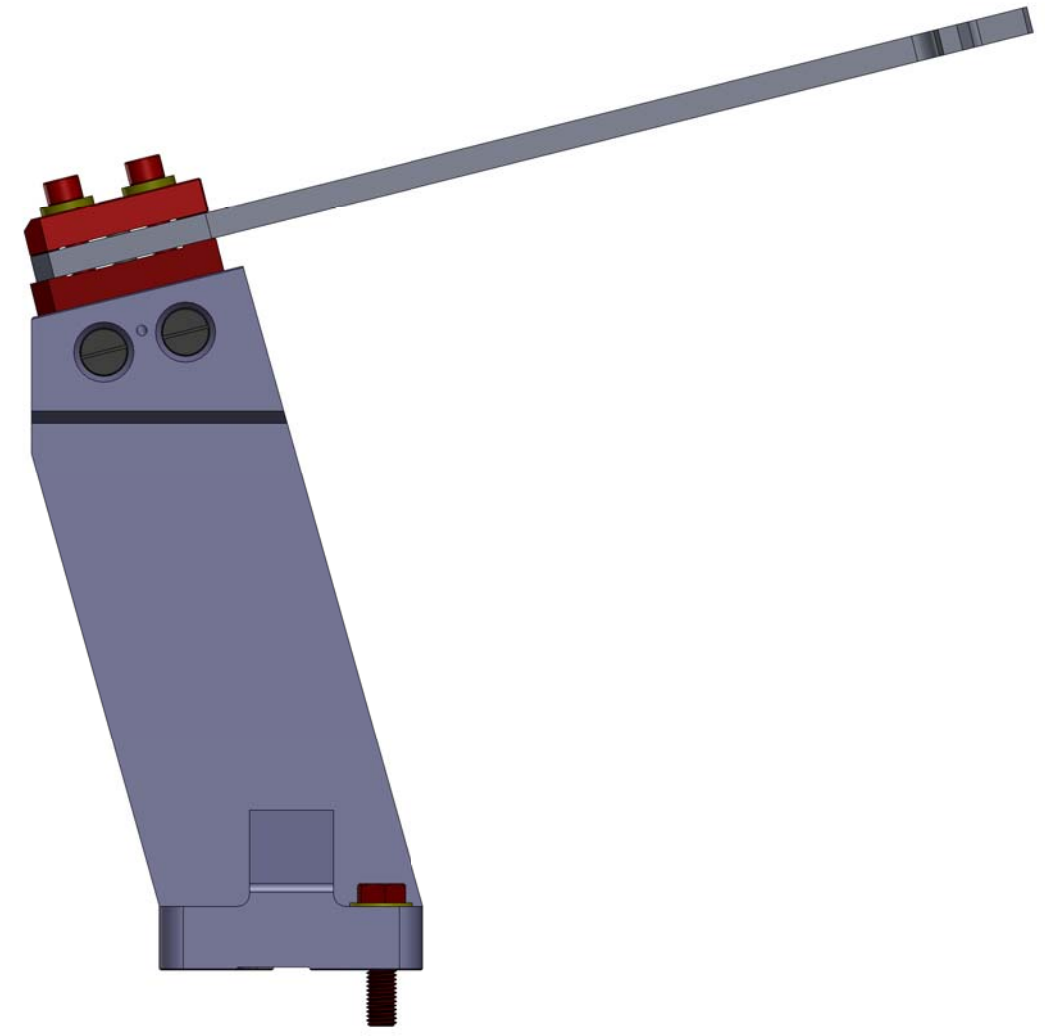
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME BSC ST 0-1 SPRING POST AND FLEXURE ASSY	
SYSTEM ADVANCED LIGO	SUB-SYSTEM SEI	DESIGNER A. STEIN 01 Feb. 2010	SIZE D
DRAFTER J. MILLARD 01 Feb. 2010	CHECKER F. MATICHARD 01 Feb. 2010	DWG. NO. D0901197	REV. v3
APPROVAL K. MASON 01 Feb. 2010	NEXT ASSY D0901182	SCALE: 1:2	PROJECTION:

D0901197 Stage 0-1 Spring Post Blade and Rod Assembly, PART PDM REV: X-002, DRAWING PDM REV: X-016

8 7 6 5 4 3 2 1

H
G
F
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D
C
B
A

SHOWN IN UNLOADED STATE



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D0901197	v3
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2

D0901197 Stage 0-1 Spring Post Blade and Rod Assembly, PART PDM REV. X-042 DRAWING PDM REV. X-016

8 7 6 5 4 3 2 1