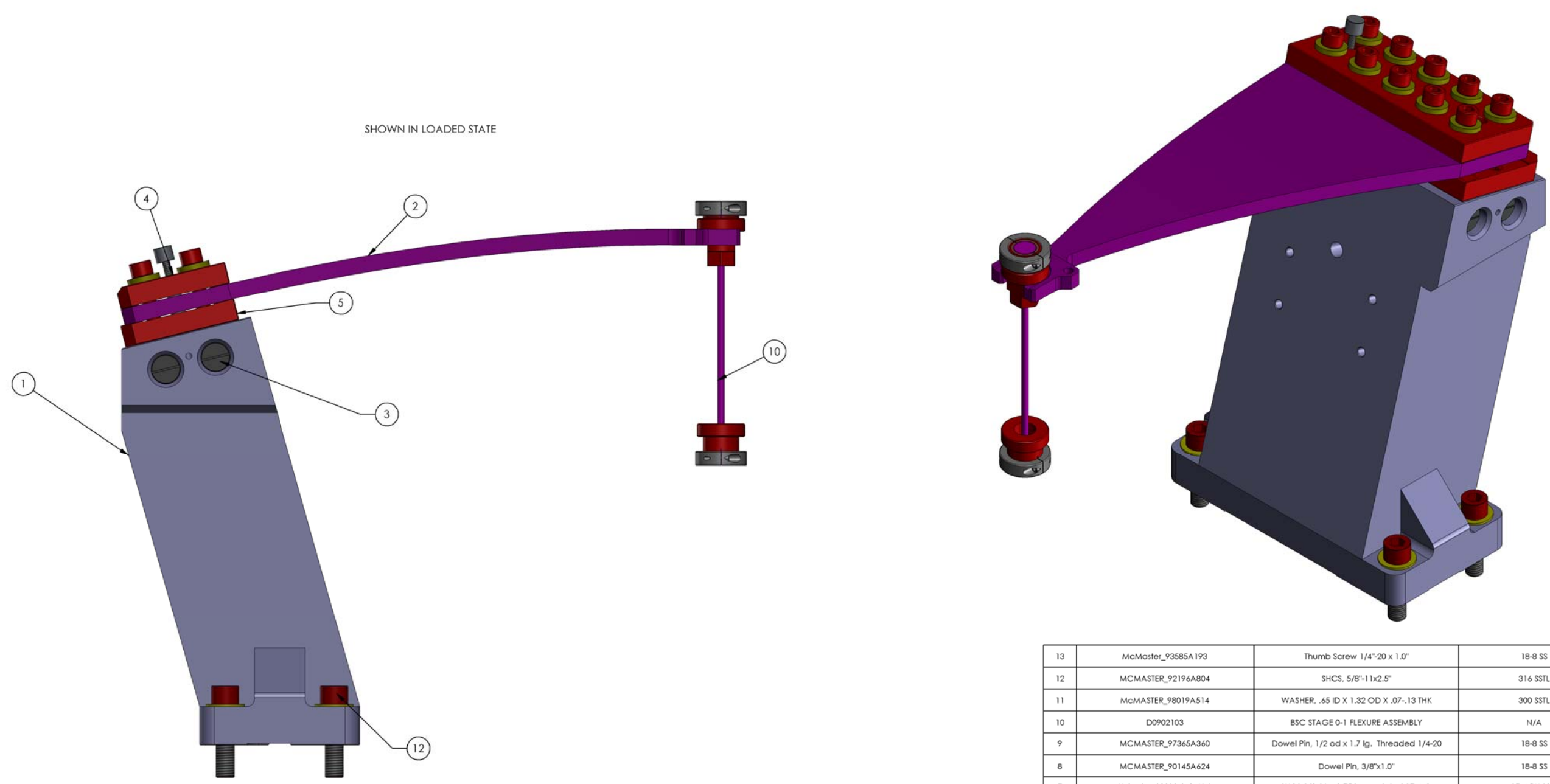


**NOTES CONTINUED:**  
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.  
 6. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

REV.	DATE	DCN #	DRAWING TREE #
v1	26 Feb. 2010	E1000022	E1000025



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
13	McMaster_93585A193	Thumb Screw 1/4"-20 x 1.0"	18-8 SS	1
12	MCMaster_92196A804	SHCS, 5/8"-11x2.5"	316 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_97365A360	Dowel Pin, 1/2 od x 1.7 lg, Threaded 1/4-20	18-8 SS	2
8	MCMaster_90145A624	Dowel Pin, 3/8"x1.0"	18-8 SS	2
7	Unbrako_2009B-8 C 60 S	SHCS 1/2-13 x 3.75 lg ag plated 17-4ph	17-4 PH SSSL	10
6	MCMaster_98125A033	Washer, .53 ID X 1.13 OD X .19 THK	18-8 SSSL	10
5	D0902696	SPRING CLAMP PLATE, STAGE 0, αLIGO BSC ISI	17-4 PH SSSL H 1150	1
4	D0902697	SPRING CLAMP CAP, STAGE 0, αLIGO BSC ISI	17-4 PH SSSL H 1150	1
3	D1002379	BARREL NUT BAR, SPRING POST, STAGE 0-1, αLIGO BSC ISI	NITRONIC 60	2
2	D0901541	BLADE SPRING, STAGE 0-1, αLIGO BSC ISI	MARAGING STEEL C300	1
1	D0901499	BLADE POST, STAGE 0-1, αLIGO BSC ISI	6061-T6 Al	1

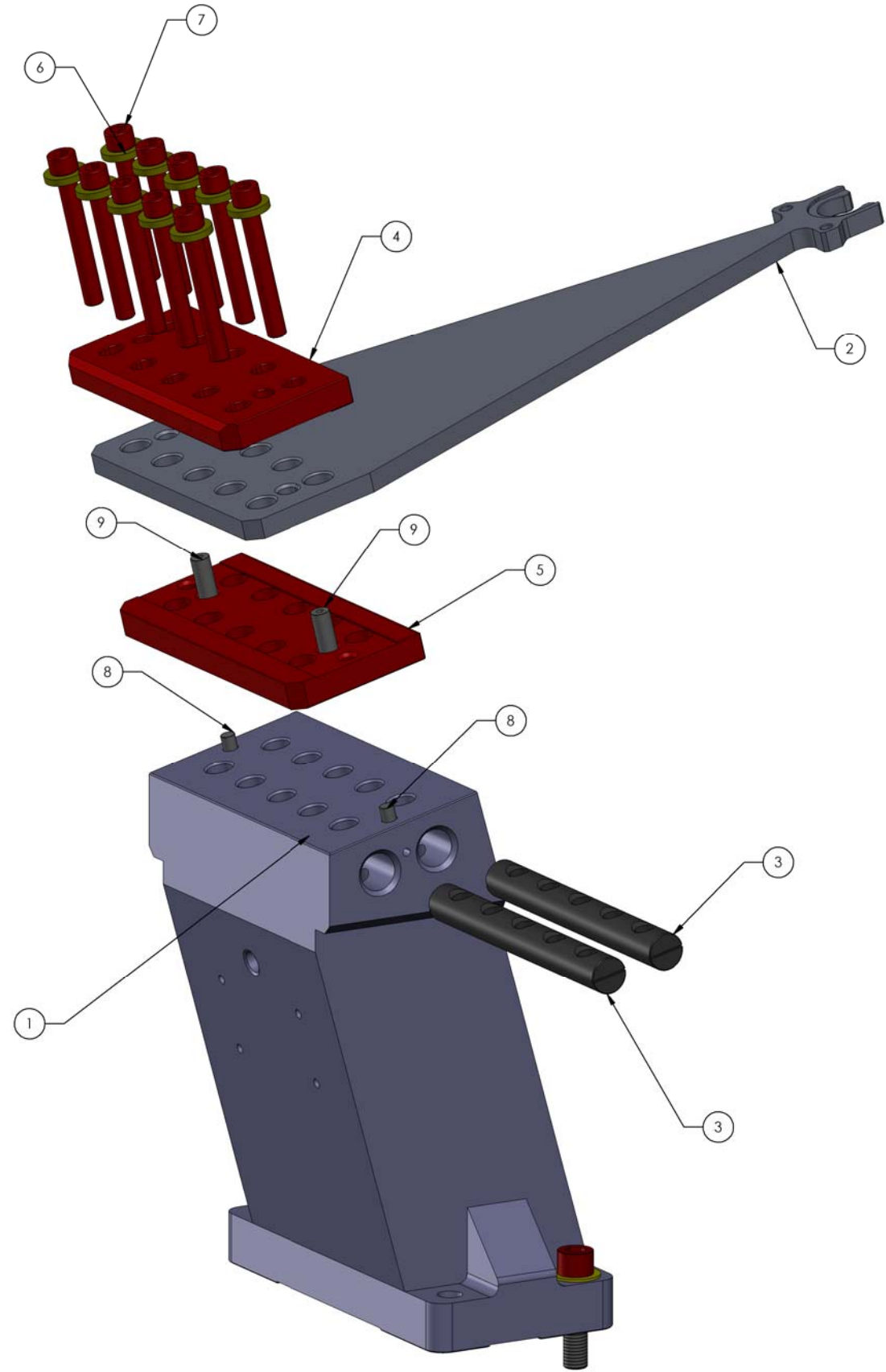
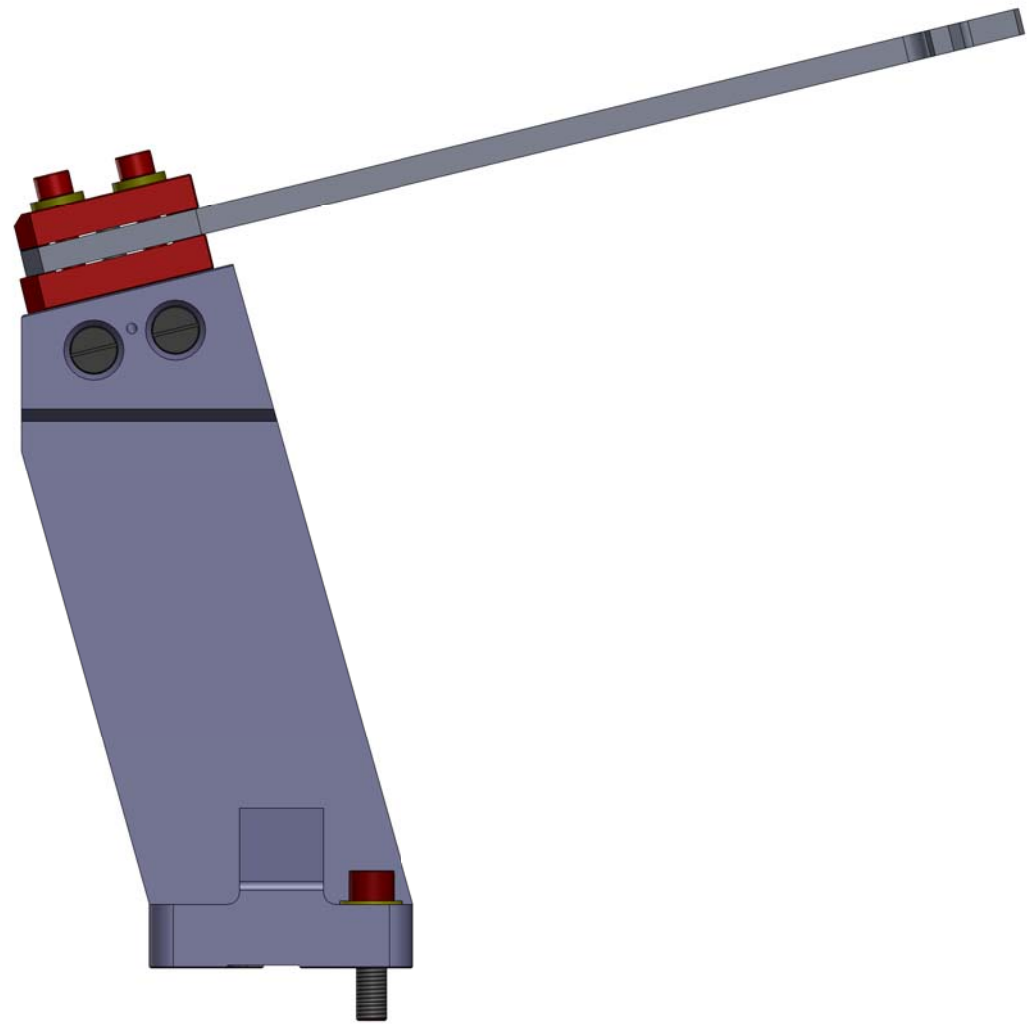
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± N/A .XXX ± N/A ANGULAR ± N/A *		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		<b>PART NAME</b> <b>BSC ST 0-1 SPRING POST AND FLEXURE ASSY</b>							
MATERIAL N/A		FINISH N/A μinch		NEXT ASSY D0901182		DESIGNER A. STEIN 01 Feb. 2010		SIZE D		DWG. NO. <b>D0901197</b>		REV. v1	
SCALE: 1:2						PROJECTION:		SHEET 1 OF 2					

D0901197 Stage 0-1 Spring Post Blade and Rod Assembly, PART PDM REV: X-040, DRAWING PDM REV: X-010

8 7 6 5 4 3 2 1

H G F E D C B A

SHOWN IN UNLOADED STATE



<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D0901197	v1
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2

8 7 6 5 4 3 2 1

D0901197 Stage 0-1 Spring Post Blade and Rod Assembly, PART PDM REV. X-040, DRAWING PDM REV. X-010