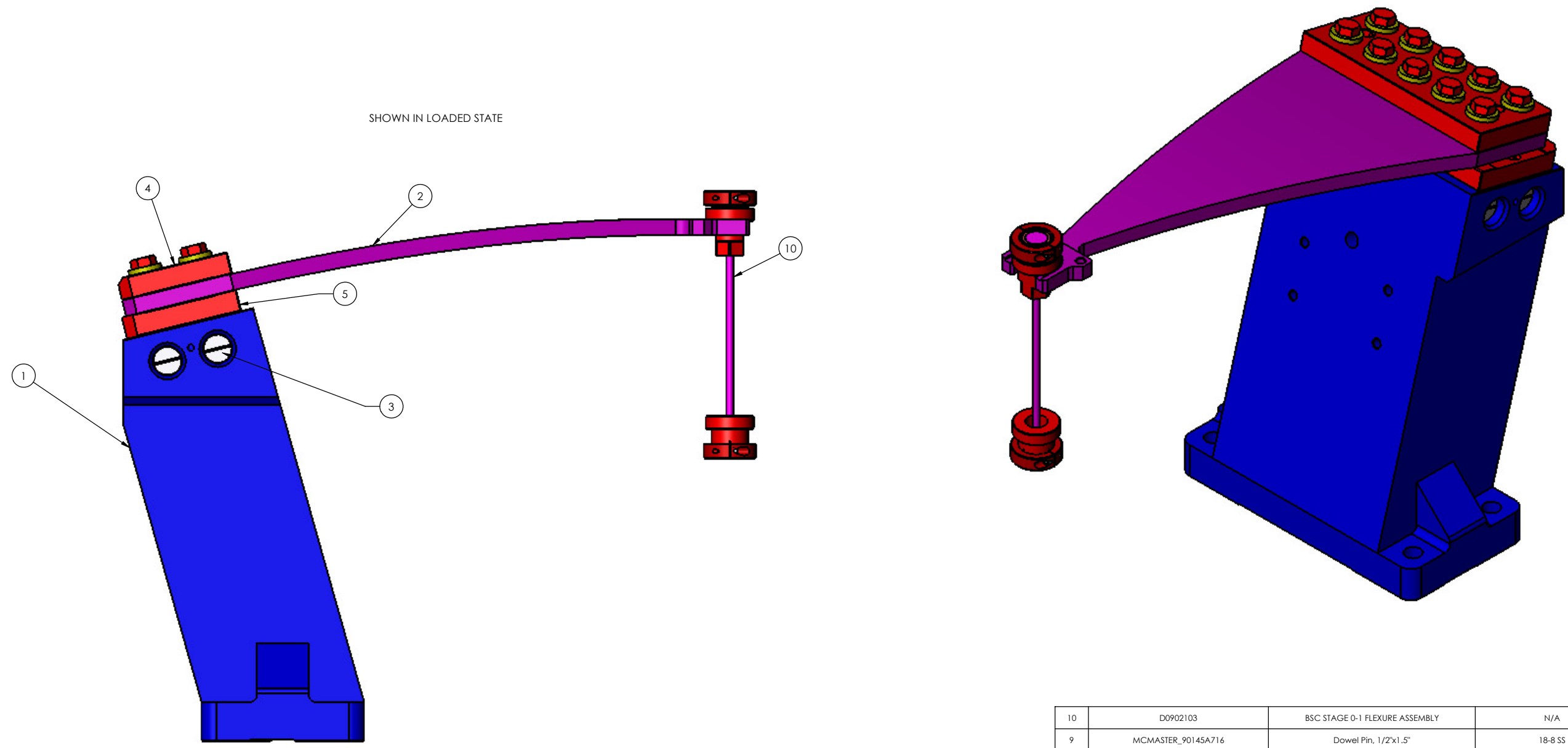


NOTES CONTINUED:
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
 6. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

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



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
10	D0902103	BSC STAGE 0-1 FLEXURE ASSEMBLY	N/A	1
9	MCMMASTER_90145A716	Dowel Pin, 1/2"x1.5"	18-8 SS	2
8	MCMMASTER_90145A624	Dowel Pin, 3/8"x1.0"	18-8 SS	2
7	D1000455	HEX HEAD SCREW 1/2-13 x 3.75 LG. SPECIAL AG PLATED	A286 SSSL	10
6	MCMMASTER_98125A033	Washer, .53 ID X 1.13 OD X .19 THK	18-8 SSSL	10
5	D0902696	SPRING CLAMP PLATE, STAGE 0, aLIGO BSC ISI	17-4 PH SSSL, H 1150	1
4	D0902697	SPRING CLAMP CAP, STAGE 0, aLIGO BSC ISI	17-4 PH SSSL, H 1150	1
3	D0901542	BARREL NUT BAR, SPRING POST, STAGE 0-1, aLIGO BSC ISI	17-4 PH H1150	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

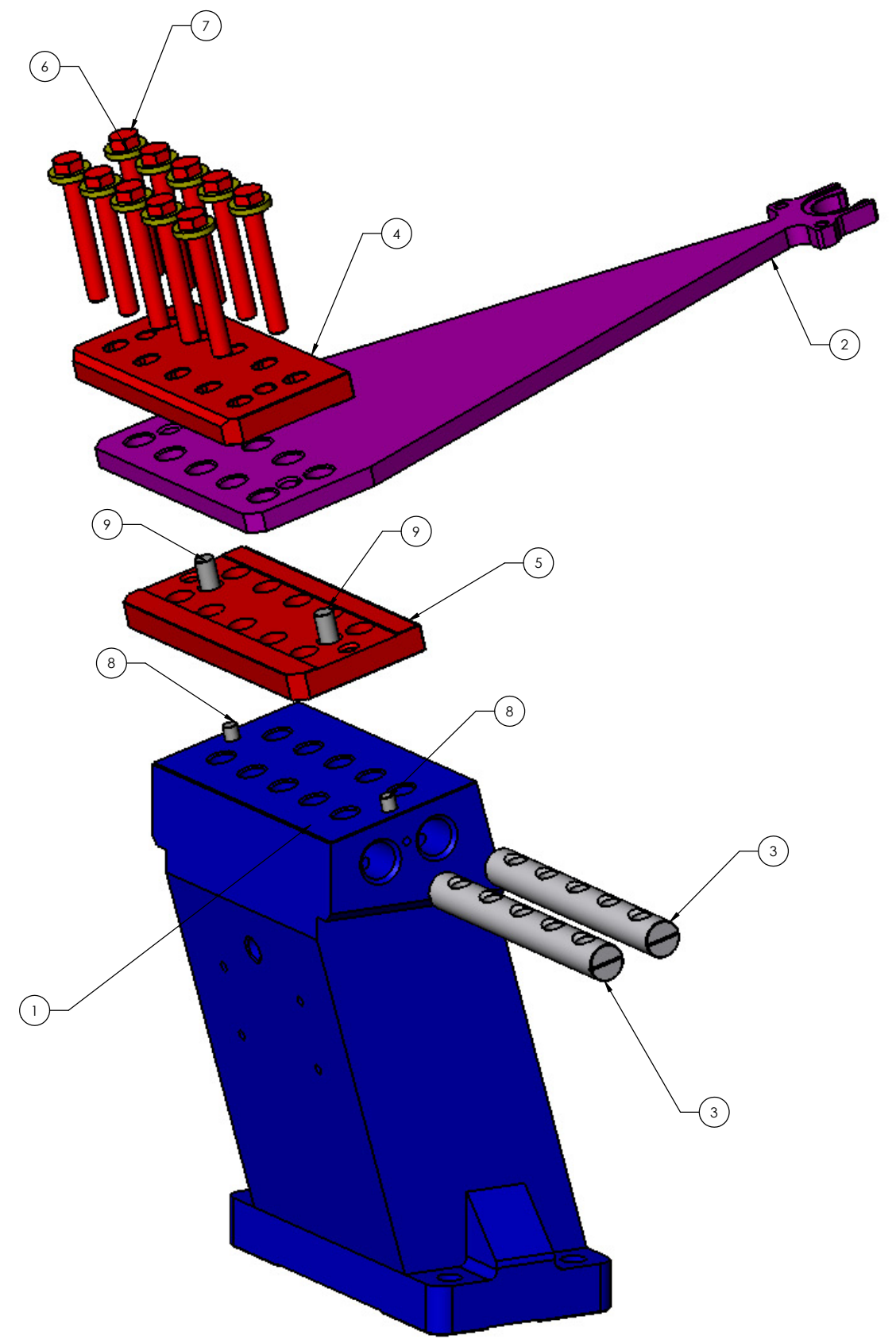
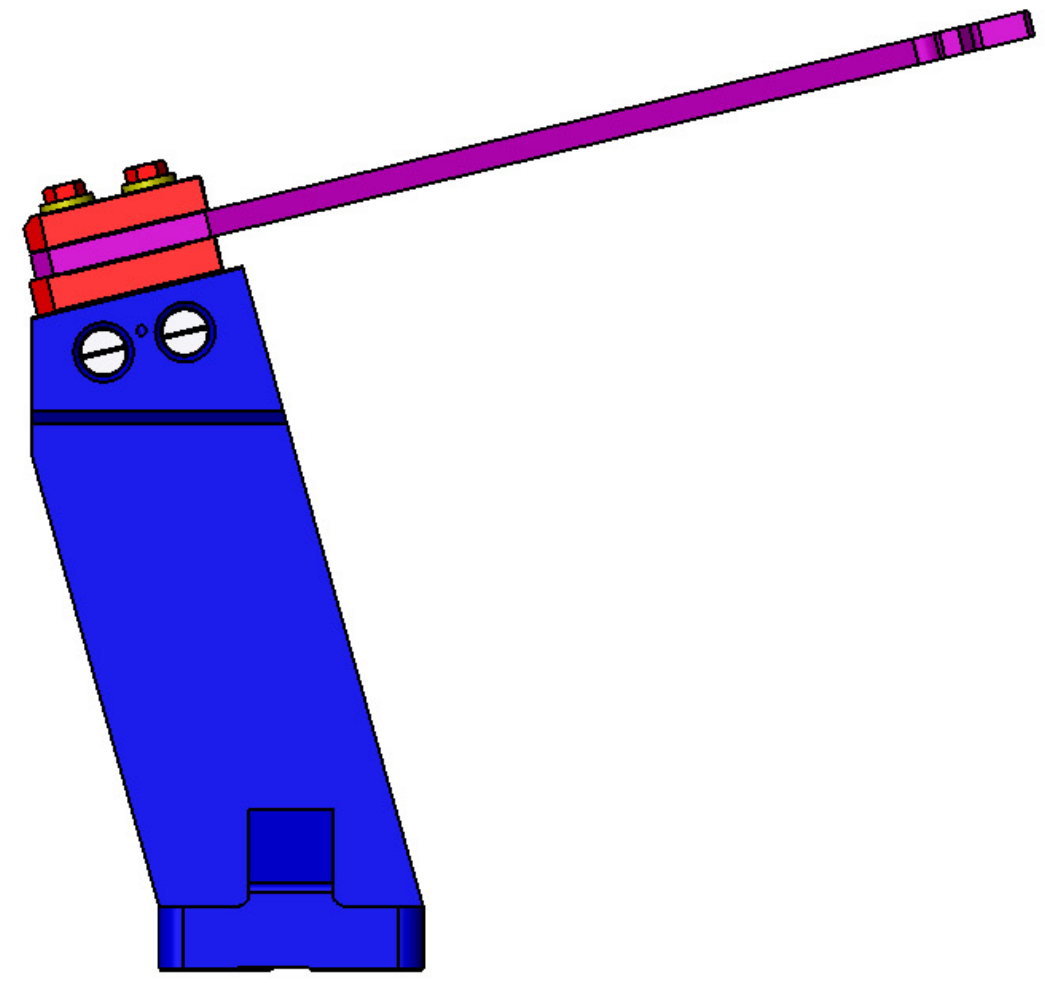
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± N/A .XXX ± N/A ANGULAR ± N/A °		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE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

D0901197 Stage 0-1 Spring Post Blade and Rod Assembly, PART PDM REV. X.031, 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



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

D0901197 Stage 0-1 Spring Post Blade and Rod Assembly, PART PDM REV. X.031, DRAWING PDM REV. X.010

8 7 6 5 4 3 2 1