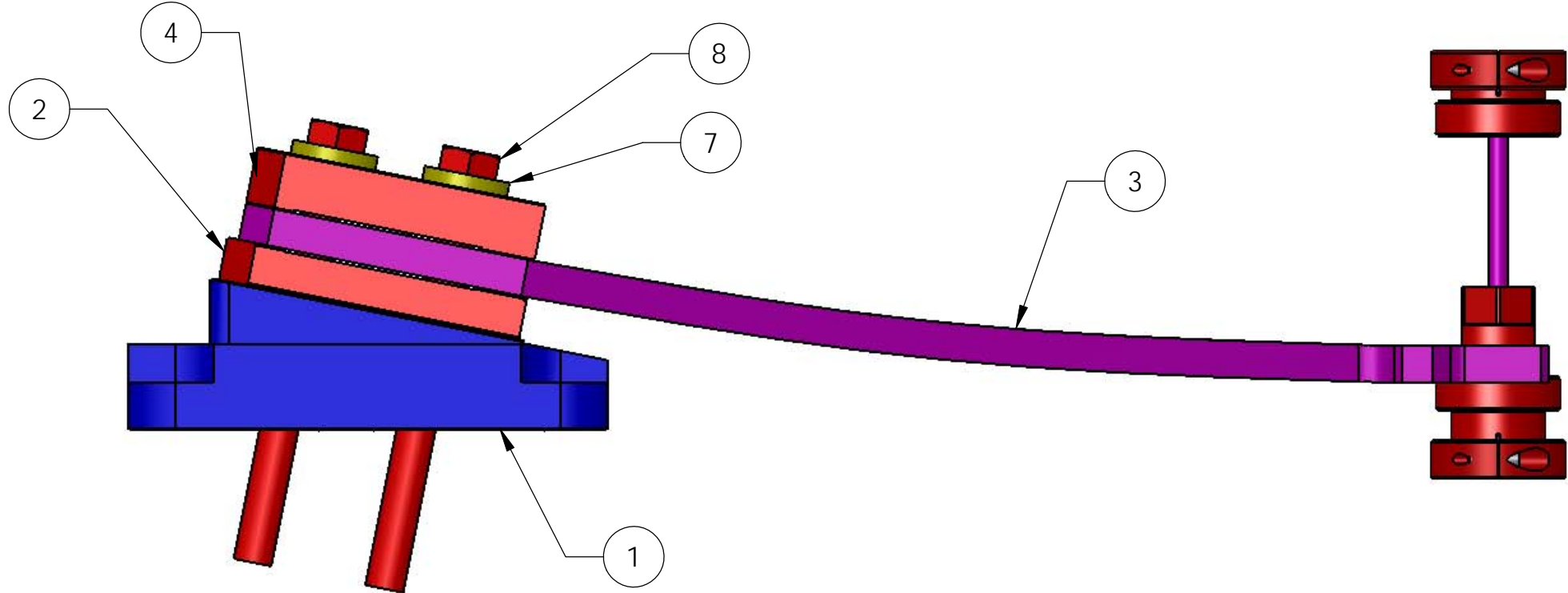


NOTES CONTINUED:  
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.  
 6. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

REV.	DATE	DCN #	DRAWING TREE #
v1	01 Mar. 2010	E1000026	E1000025

SHOWN IN LOADED STATE



9	D0902104	FLEXURE ROD ASSEMBLY, STAGE 1-2, aLIGO BSC ISI	N/A	1
8	D0100456	HEX HEAD SCREW 1/2-13 x 5.5 lg., SPECIAL Ag PLATED	A286 SSTL	8
7	MCMASTER_98125A033	Washer, .53 ID X 1.13 OD X .19 THK	18-8 SSTL	8
6	MCMASTER_90145A624	Dowel Pin, 3/8"x1.0"	18-8 SS	2
5	MCMASTER_90145A716	Dowel Pin, 1/2"x1.5"	18-8 SS	2
4	D0902695	Spring Clamp Plate, Stage 1-2, aLIGO BSC ISI	17-4 PH SSTL, H 1150	1
3	D0902502	Blade Spring, Stage 1-2, aLIGO BSC ISI	MARAGING STEEL C300	1
2	D0902648	Spring Clamp Plate, Stage 1-2, aLIGO BSC ISI	17-4 PH SSTL, H 1150	1
1	D0902647	Spring Base, Stage 1-2, aLIGO BSC ISI	6061-T6 Al	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ

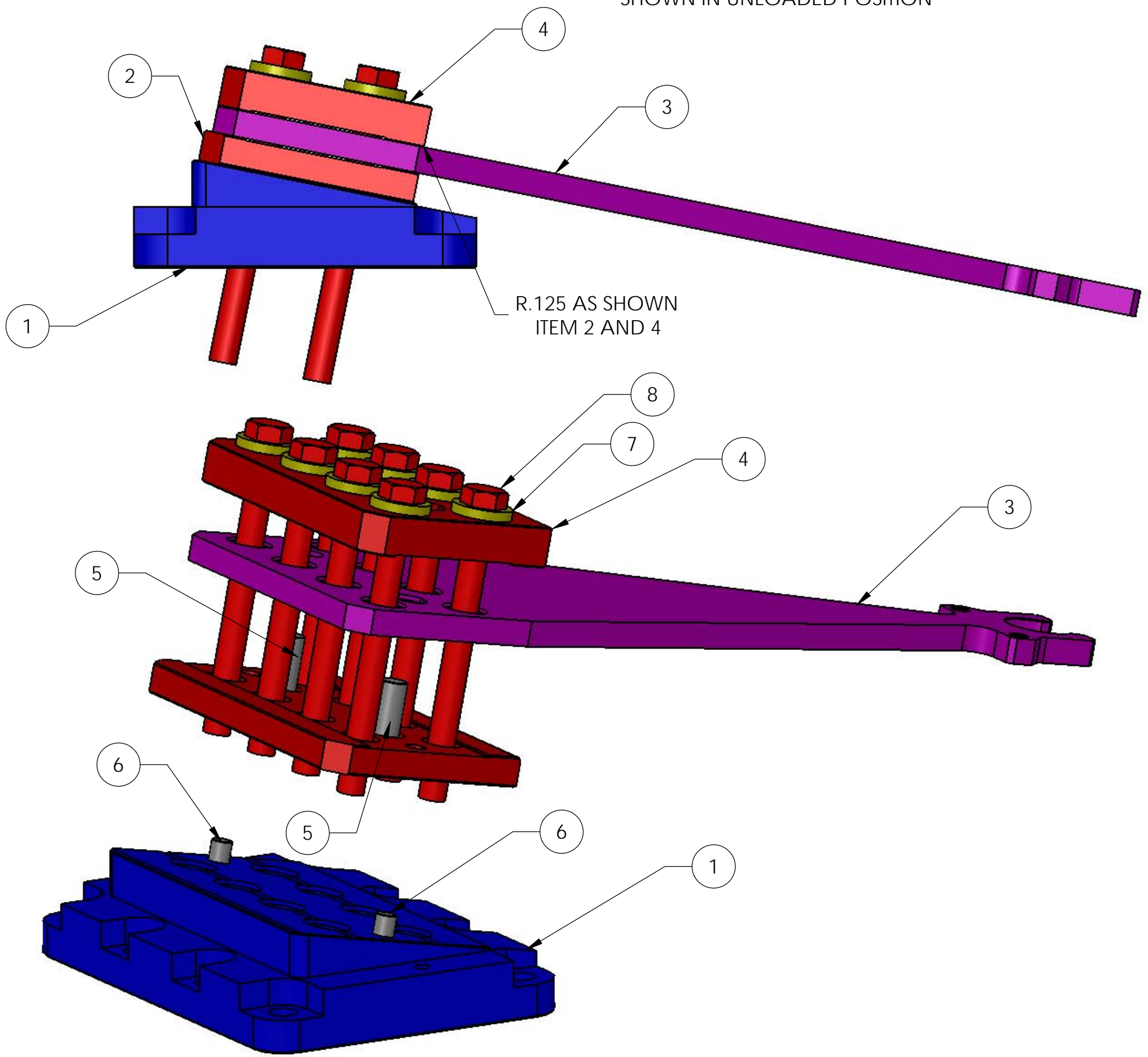
D0902485 Stage1-2 Blade Spring Flexure Assem, PART PDM REV: X-023, DRAWING PDM REV: X-014



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.		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY SYSTEM ADVANCED LIGO SUB-SYSTEM SEI NEXT ASSY D0901182		PART NAME Stage1-2 Blade Spring Flexure Assem DESIGNER A.STEIN 01 Feb. 2010 DRAFTER M.HILLARD 01 Feb. 2010 CHECKER M.MATICHARD 01 Feb. 2010 APPROVAL K.MASON 01 Feb. 2010				SIZE DWG. NO. B D0902485 SCALE: 1:2 PROJECTION:		REV. v1
--	--	--	--	--	--	---	--	--	--	--	--	---------

D0902485 Stage1-2 Blade Spring Flexure Assem, PART PDM REV: X-023, DRAWING PDM REV: X-014

8 7 6 5 4 3 2 1

SHOWN IN UNLOADED POSITION



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE B	DWG. NO. D0902485	REV. V1
SCALE: 1:2	PROJECTION: 	SHEET 2 OF 2

8 7 6 5 4 3 2 1