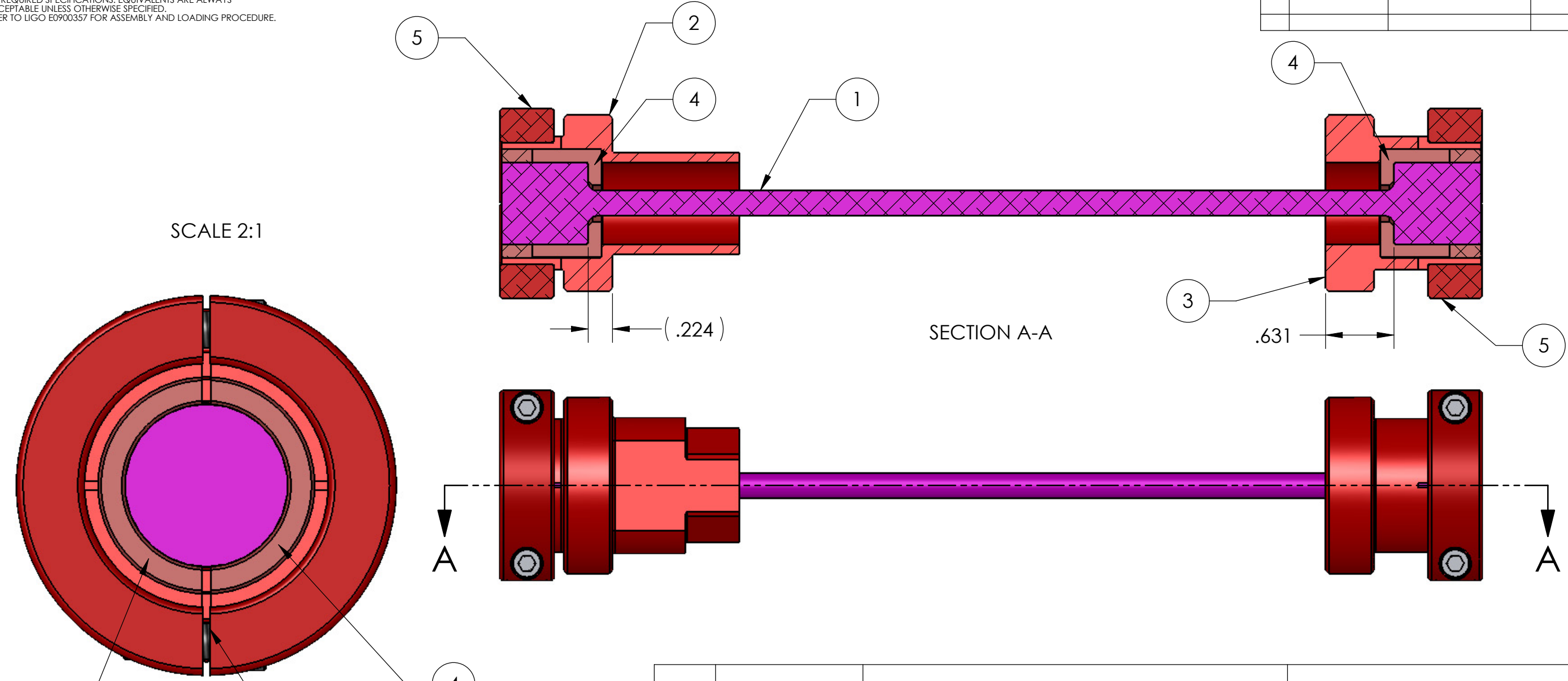


NOTES CONTINUED:
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
 6. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

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



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ
5	D0901504	FLEXURE ROD SHAFT COLLAR, αLIGO BSC ISI	SEE BOM	2
4	D0901755	FLEXURE CUP, STAGE 0-1, αLIGO BSC ISI	MARAGING STEEL C300	4
3	D0901502	BRACKET FLEXURE SHIM, STAGE 0-1, αLIGO BSC ISI	17-4 PH SSTL, H 1150	1
2	D0901500	STAGE 0-1, FLEXURE ROD SHIM, αLIGO BSC ISI	17-4 PH SSTL, H 1150	1
1	D0901757	FLEXURE ROD STAGE 0-1, αLIGO BSC ISI	MARAGING STEEL C300	1

PARTS LIST

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		PART NAME BSC STAGE 0-1 FLEXURE ASSEMBLY	
MATERIAL N/A		FINISH N/A μinch		NEXT ASSY D0901197		DESIGNER C. RAMET 13 AUG 2009 DRAFTER M.HILLARD 01 Feb. 2010 CHECKER F.MATICHARD 01 Feb. 2010 APPROVAL K.MASON 01 Feb. 2010	
SYSTEM ADVANCED LIGO SUB-SYSTEM SEI				SIZE DWG. NO. B D0902103 SCALE: 1:1 PROJECTION:		REV. v1 SHEET 1 OF 1	

D0902103 Flexure Assembly, Stage 0-1, αLIGO BSC ISI, PART PDM REV: X-019, DRAWING PDM REV: X-007