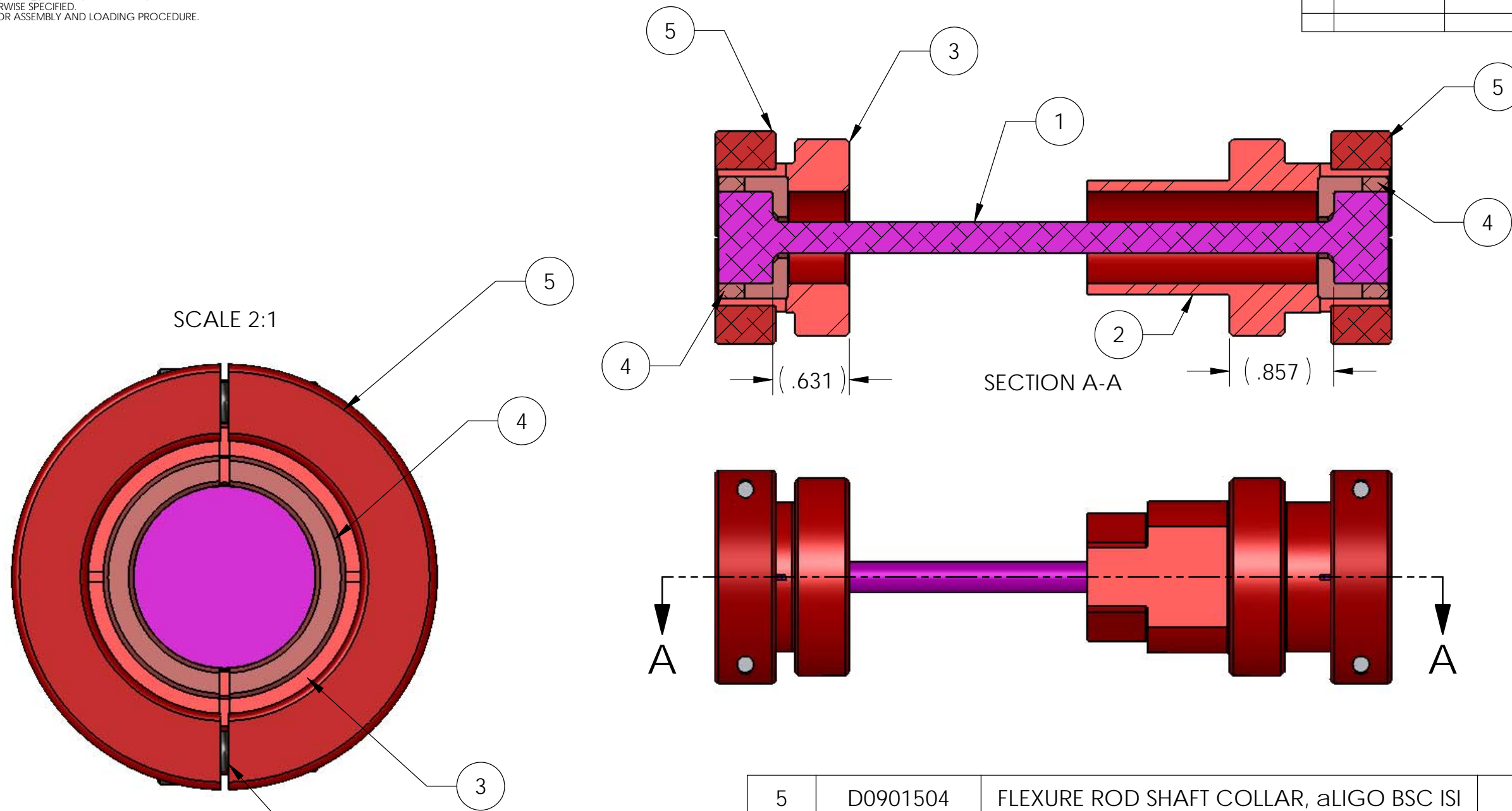


D0902104 Flexure Rod Assembly, Stage 1-2, aLIGO BSC ISI, PART PDM REV: X-016, DRAWING PDM REV: X-002

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



NOTE ALIGNMENT OF COMPONENTS FOR PROPER CLAMPING

5	D0901504	FLEXURE ROD SHAFT COLLAR, aLIGO BSC ISI	SEE BOM	2
4	D0901503	FLEXURE CUP, STAGE 1-2, aLIGO BSC ISI	MARAGING STEEL C300	4
3	D0901743	BRACKET FLEXURE SHIM, STAGE 1-2, aLIGO BSC ISI	17-4 PH SSTL, H 1150	1
2	D0901501	FLEXURE ROD SHIM, STAGE 1-2. aLIGO BSC ISI	17-4 PH SSTL, H 1150	1
1	D0901758	FLEXURE ROD, STAGE 1-2, aLIGO BSC ISI	MARAGING STEEL C300	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± N/A .XXX ± N/A ANGULAR ± N/A *				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		FLEXURE ROD ASSEMBLY, STAGE 1-2, aLIGO BSC ISI	
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.				SYSTEM ADVANCED LIGO		SUB-SYSTEM SEI	
MATERIAL		FINISH		NEXT ASSY		DESIGNER	
N/A		N/A μinch		D0902485		C. RAMET 01 Feb. 2010	
				DRAFTER		M. HILLARD 01 Feb. 2010	
				CHECKER		M. TICHARD 01 Feb. 2010	
				APPROVAL		K. MASON 01 Feb. 2010	
				SIZE		DWG. NO.	
				B		D0902104	
				SCALE: 1:1		PROJECTION:	
						SHEET 1 OF 1	