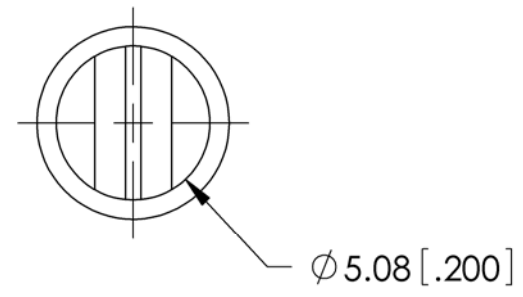
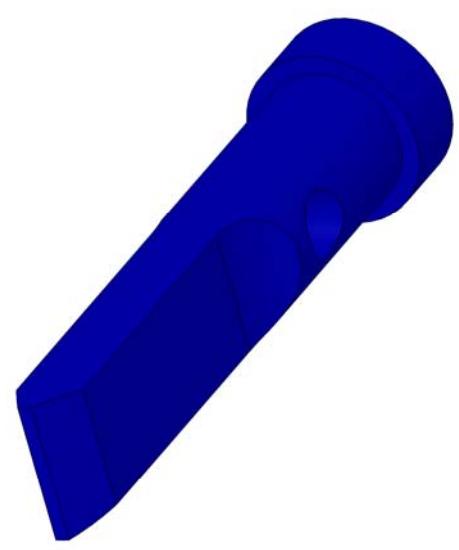
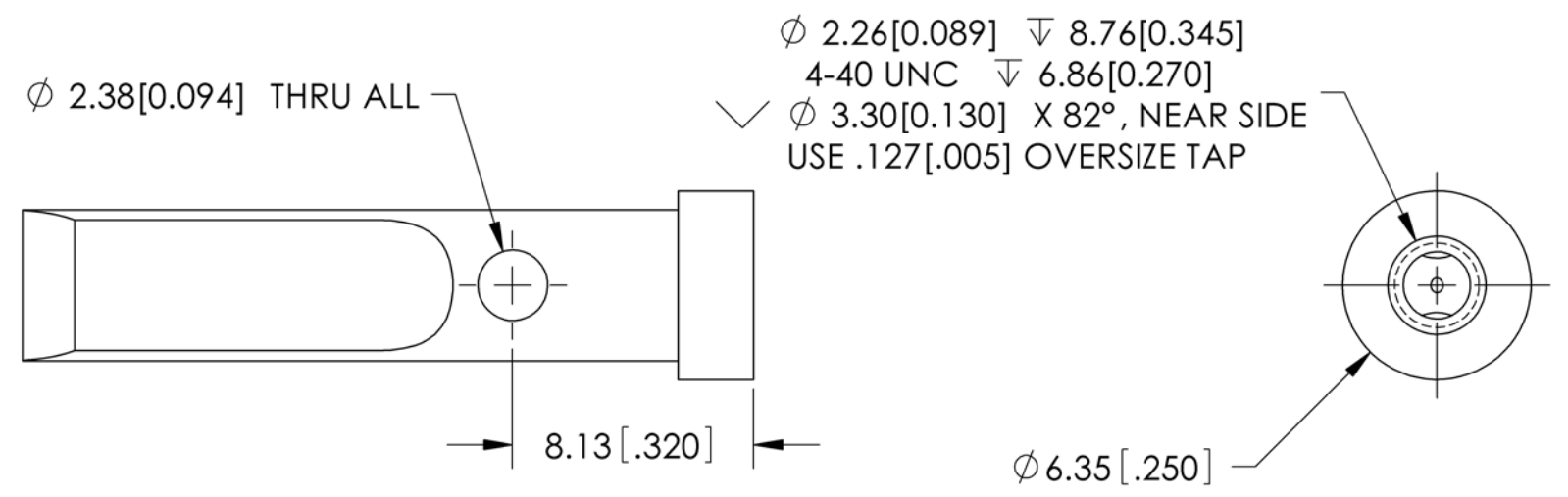
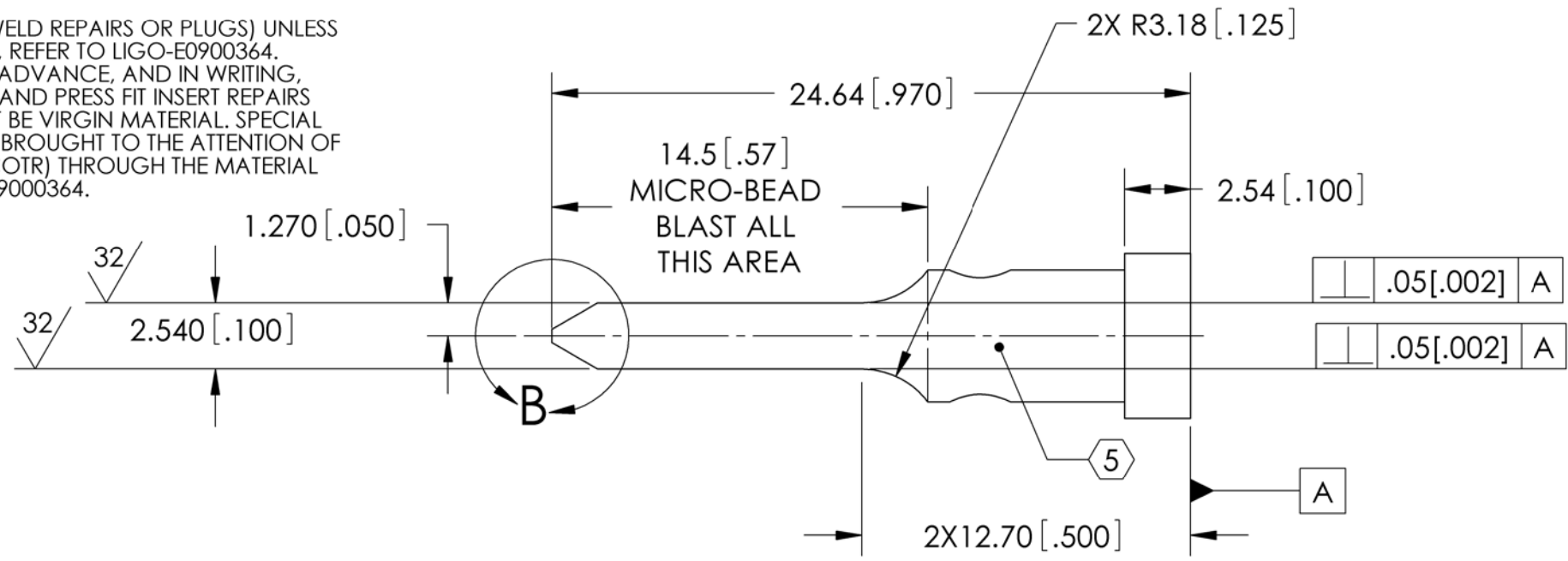
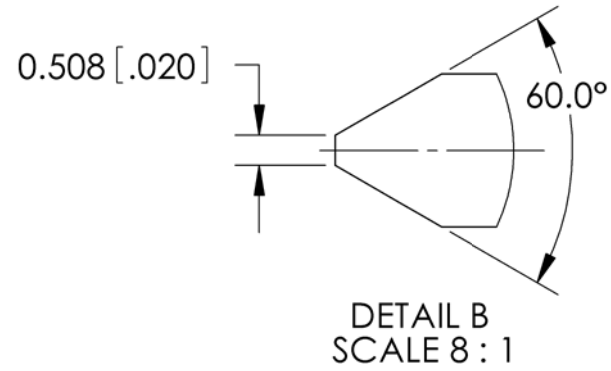


NOTES CONTINUED:

4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE.
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12 HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE DXXXXXXX-VY, TYPE-XX, S/N XXX.
6. APPROXIMATE WEIGHT = 0.97 grams.
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES (INCLUDING SANDING OR SCOURING FOR MATTE FINISH) IS NOT ALLOWED. USE OF SCOTCH-BRITE OR SIMILAR PRODUCTS IS FORBIDDEN.
8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NOT WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE AND IN WRITING BY LIGO, REFER TO LIGO-E0900364.
10. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE. THE MATERIAL USED MUST BE VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF AND WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH THE MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E09000364.

REV.	DATE	DCN #	DRAWING TREE #
v4	23 May 2011	E1100500	E1100450



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN MM (INCHES) TOLERANCES: .XX ± .381 [.015] .XXX ± .127 [.005] ANGULAR ± .5°		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .76 [.03] x 45°. 3. DO NOT SCALE FROM DRAWING.		BOSEM FLAG , αLIGO SUS	
MATERIAL 6061-T6 Al		FINISH 63 μinch		NEXT ASSY D1100937	
SYSTEM ADVANCED LIGO		SUB-SYSTEM SUS		DESIGNER M.EVANS 31 Mar. 2011	
DRAFTER M.HILLARD 23 May 2011		CHECKER J.LEWIS 23 May 2011		APPROVAL J.ROMIE 23 May 2011	
SIZE B		DWG. NO. D1100573		REV. v4	
SCALE: 4:1		PROJECTION:		SHEET 1 OF 1	

D1100573, PART PDM REV: X-005, DRAWING PDM REV: X-013