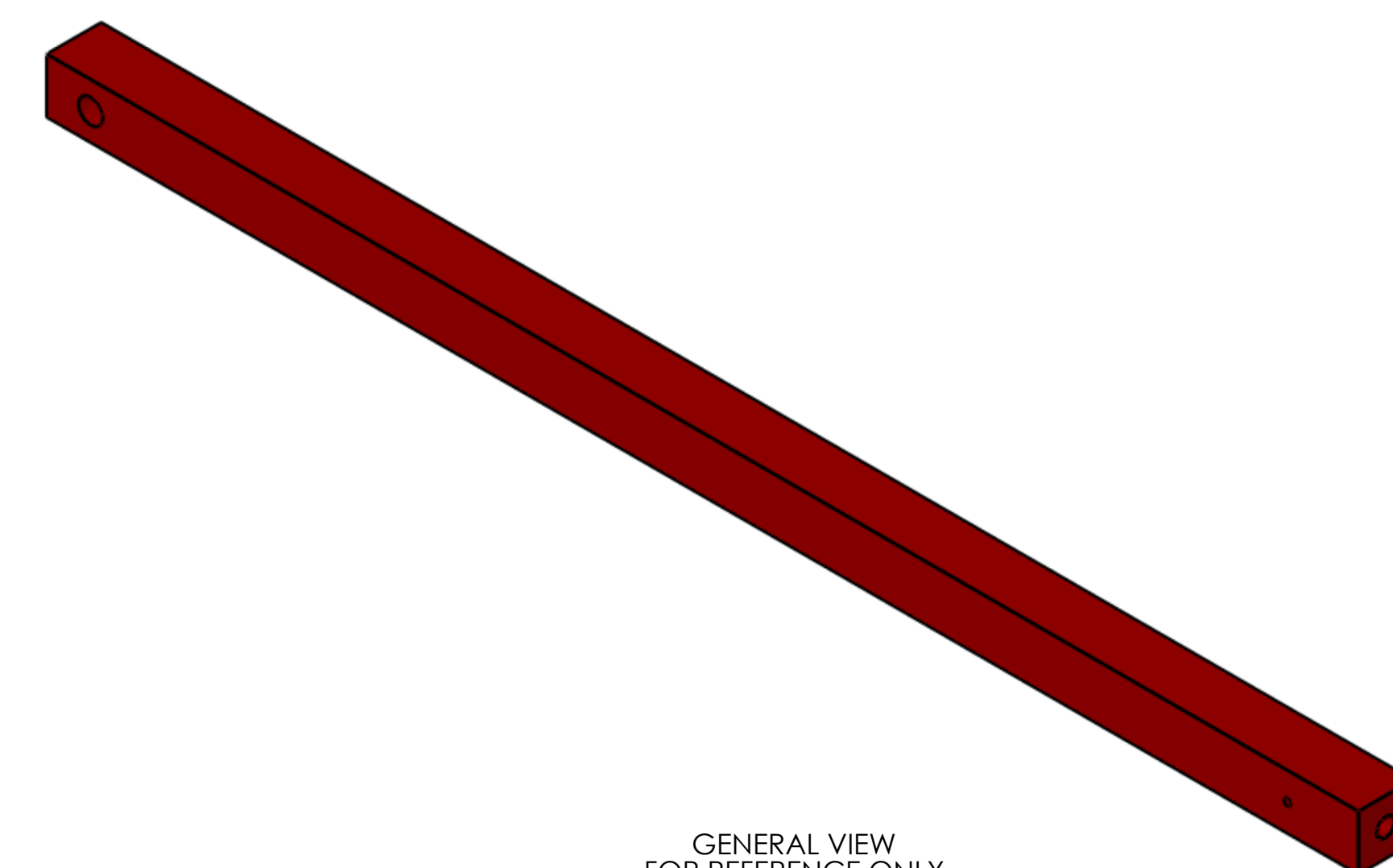


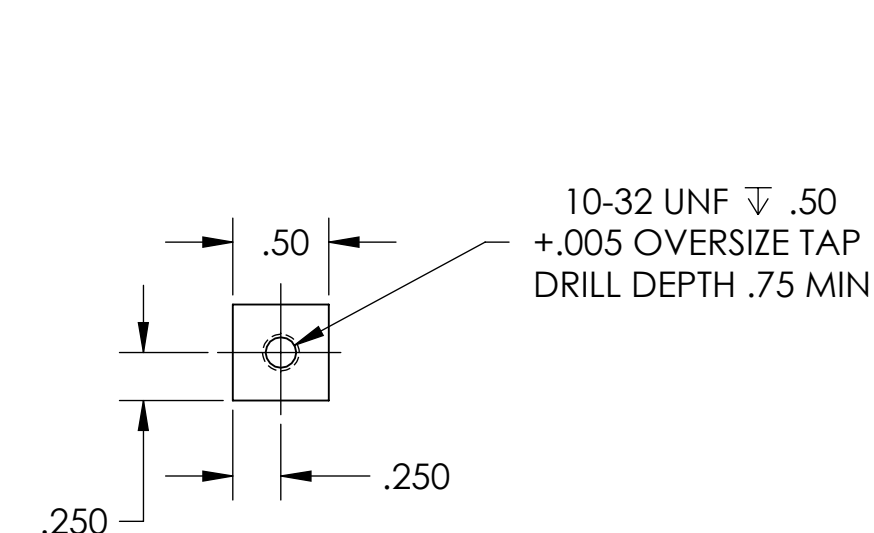
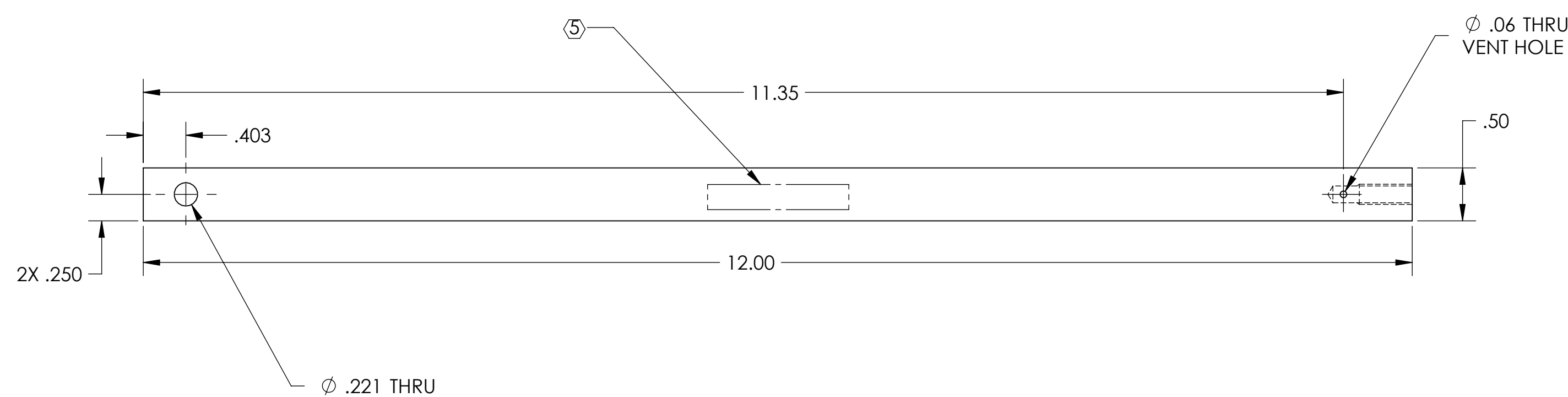
REV.	DATE	DCN #	DRAWING TREE #
v1	18 MAY 2011	E1000822-v1	

**NOTES: UNLESS OTHERWISE SPECIFIED**

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES 0.005" to 0.015".
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.
5. MACHINE DRAWING PART NUMBER, REVISION, AND SERIAL NUMBERS .020" DEPTH WITH MINIMUM .156" HIGH CHARACTERS, WHERE SHOWN.
6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
9. PART WILL BE PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION. THE INDICATED HOLES WILL BE MASKED PRIOR TO PORCELAIN COATING TO APPROXIMATELY 2.5-3X HOLE DIAMETER CENTERED ON BOTH SIDES OF THE HOLE.
10. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.



GENERAL VIEW  
FOR REFERENCE ONLY  
NO SCALE



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME					
DIMENSIONS ARE IN INCHES						APERTURE SIDE BRACE					
TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 0.5°						SYSTEM <b>ADVANCED LIGO</b>	SUB-SYSTEM <b>AOS</b>	DESIGNER TQ. NGUYEN	11 NOV 2010	SIZE <b>D</b>	DWG. NO. <b>D1002998</b>
MATERIAL <b>304 SSSL</b>				FINISH 8 9		NEXT ASSY <b>D1002864</b>		CHECKER M. SMITH	15 NOV 2010	SCALE: 1:1	
						APPROVAL D. COYNE		PROJECTION:		SHEET 1 OF 1	

D:\002998\_d\UGO\_M\_C\_Tube\_Baffle\_Aperture\_Side\_Brace\_MAM\CB1\_P\PART.PDM.REV.X.012.DRAWING.PDM.REV.X.014