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.

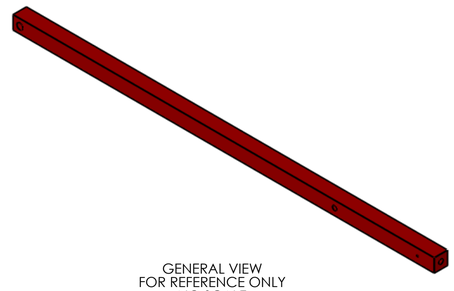
⑦ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER FREE FROM SCRATCHES OR GOUGES

⑧ 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.

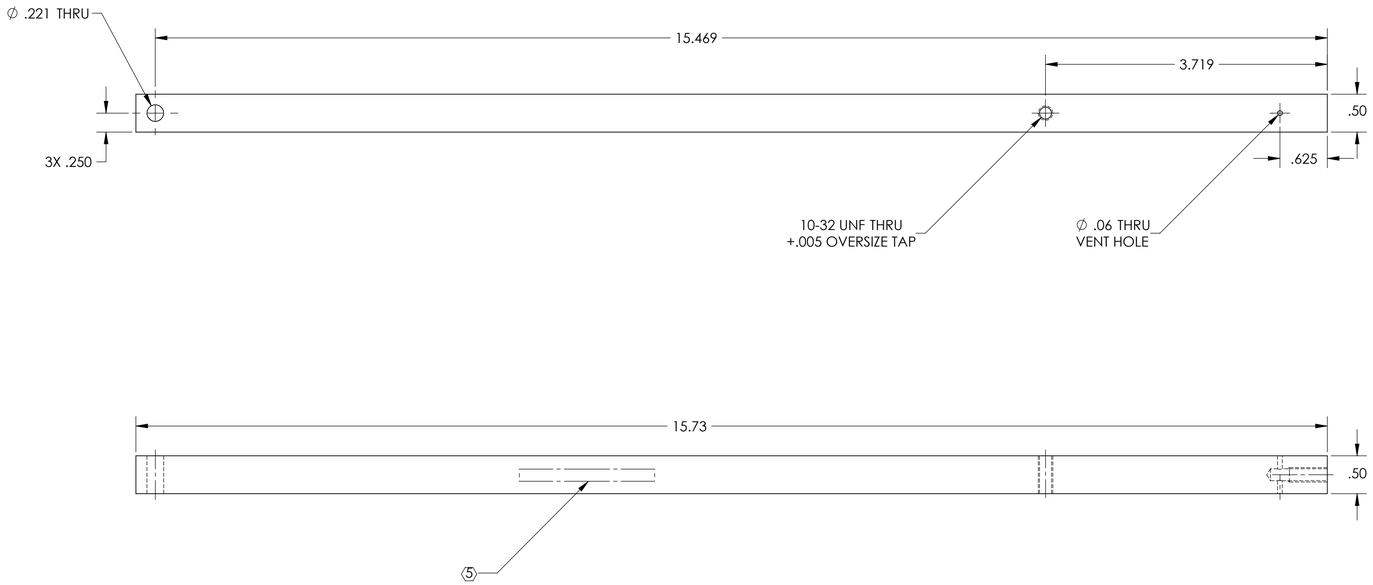
9. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.

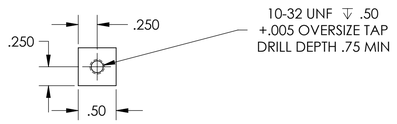
10. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAY 2011	D1000822-v1	-
-	-	-	-
-	-	-	-



GENERAL VIEW
FOR REFERENCE ONLY
NO SCALE





NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME	APERTURE BRACE
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 0.5°	SYSTEM: ADVANCED LIGO / SUB-SYSTEM: AOS	DESIGNER: TQ. NGUYEN 11 NOV 2010	SIZE: D / DWG. NO.: D1002997 / REV.: v1
MATERIAL: 304 SSTL / FINISH: ⑦ ⑧	NEXT ASSY: D1002864	DRAFTER: TQ. NGUYEN 13 NOV 2010	
		CHECKER: M. SMITH	
		APPROVAL: D. COYNE	SCALE: 1:1 / PROJECTION: / SHEET 1 OF 1