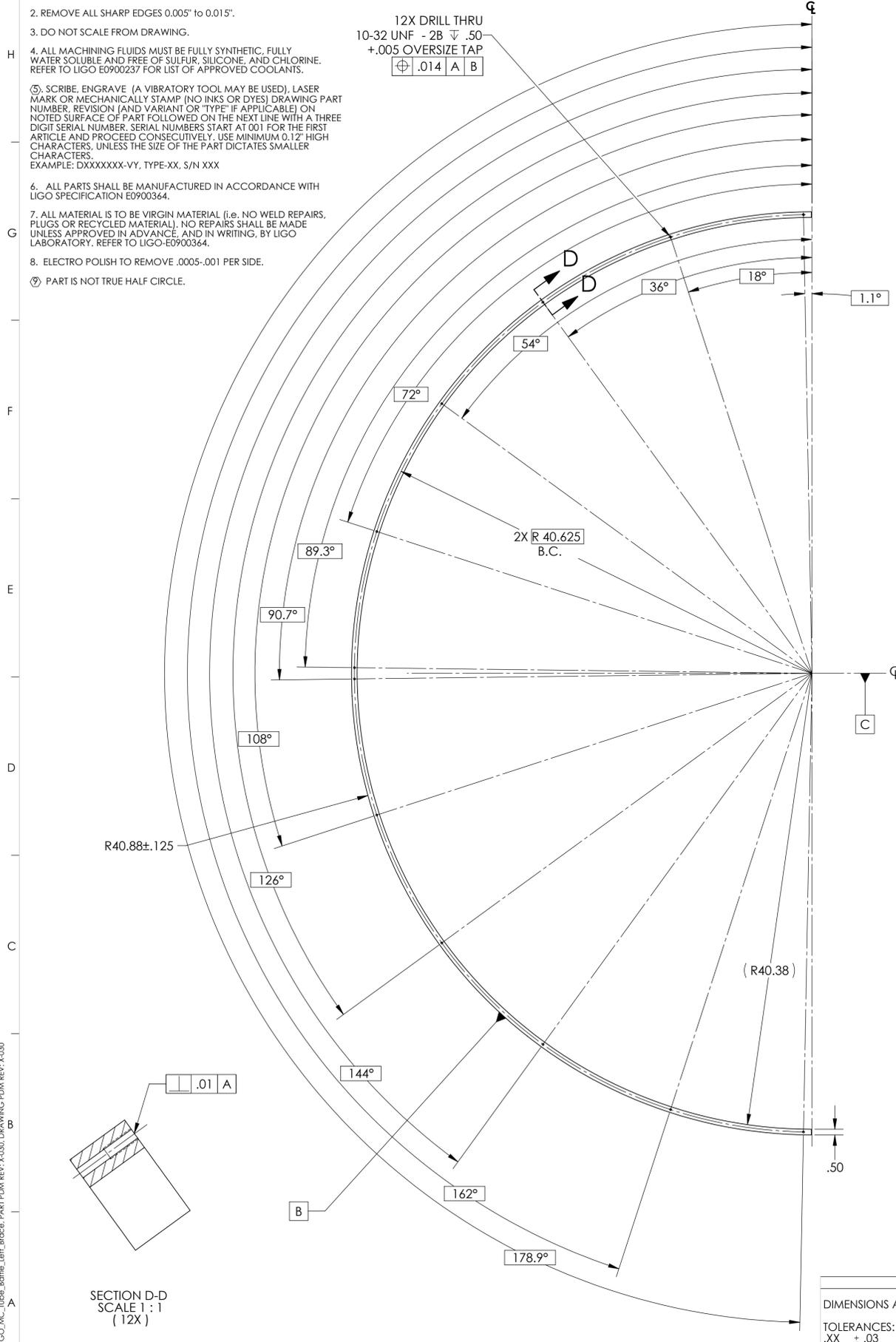


REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAY 2010	E1000822-v1	-
v2	30 JUN 2011	-	-
v3	18 JULY 2011	-	-

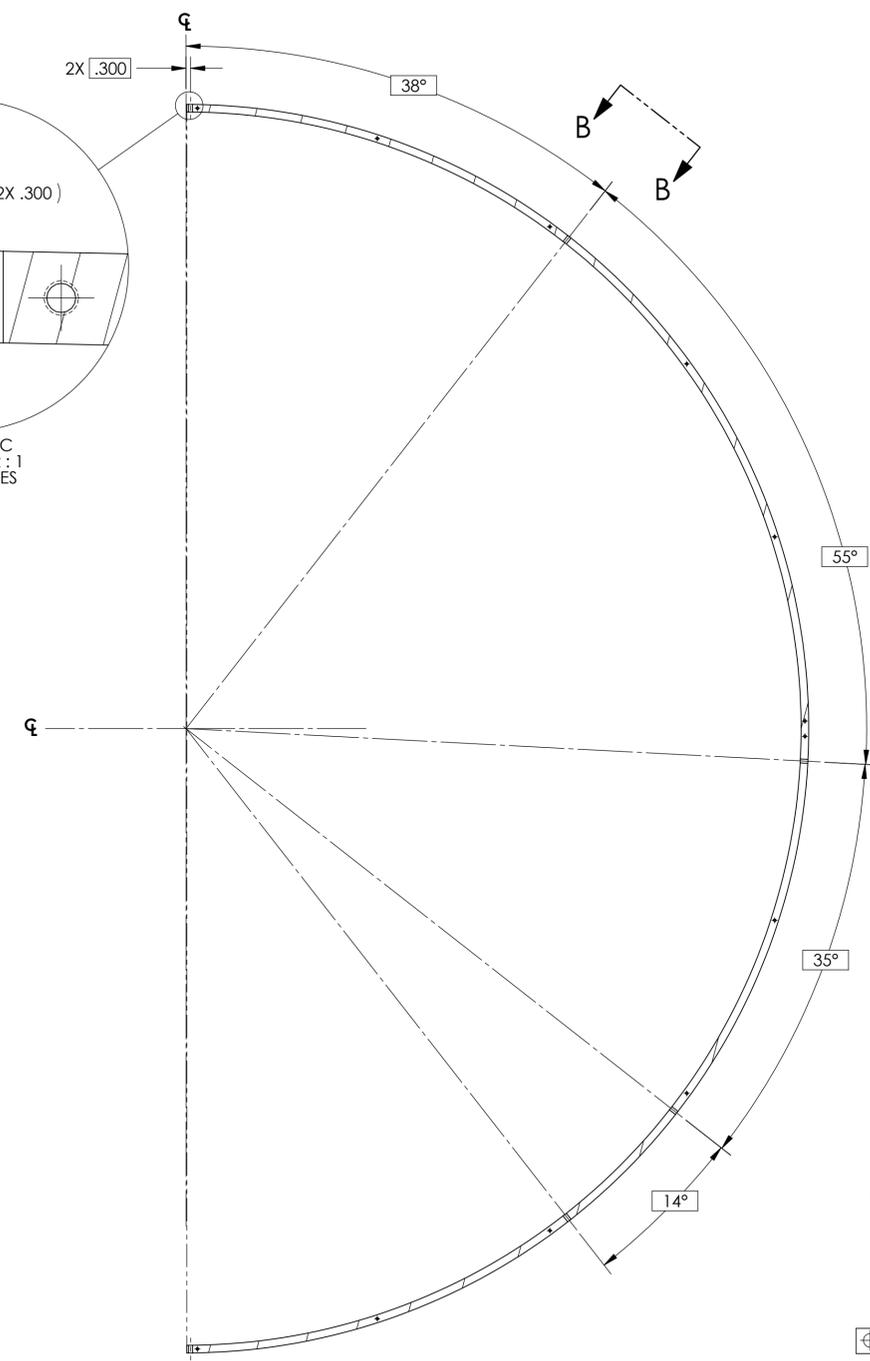
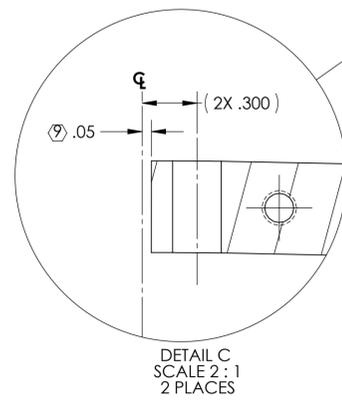
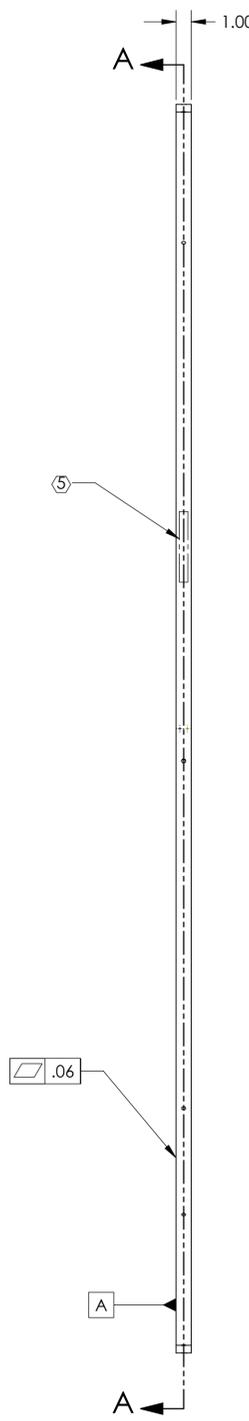
**NOTES: UNLESS OTHERWISE SPECIFIED**

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. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK 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.  
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
  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. ELECTRO POLISH TO REMOVE .0005-.001 PER SIDE.
- Ⓢ PART IS NOT TRUE HALF CIRCLE.

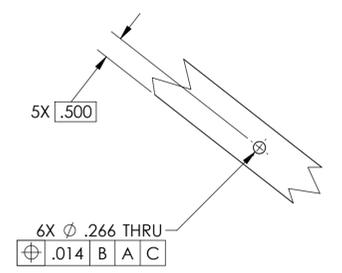
12X DRILL THRU  
10-32 UNF - 2B  $\nabla$  .50  
+.005 OVERSIZE TAP  
 $\oplus$  .014 A B



SECTION D-D  
SCALE 1 : 1  
(12X)



SECTION A-A



VIEW B-B  
SCALE 1 : 2

GENERAL VIEW  
FOR REFERENCE ONLY  
NO SCALE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				PART NAME	
DIMENSIONS ARE IN INCHES				TUBE BAFFLE LEFT BRACE	
TOLERANCES: .XX ± .03 .XXX ± .010				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
MATERIAL		FINISH		NEXT ASSY	
6061-T6 Al		63 $\mu$ inch		D1002864	
SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS				DESIGNER: TQ. NGUYEN 28 OCT 2010 DRAFTER: TQ. NGUYEN 15 NOV 2010 CHECKER: M. SMITH APPROVAL: D. COYNE	
DIMENSIONS ARE IN INCHES ANGULAR ± 0.5°				SIZE: D DWG. NO.: D1002867 SCALE: 1:6 PROJECTION:	
				REV. v3 SHEET 1 OF 1	

D1002867.dwg; LIGO; JAC; Tube; Baffle; Left; Brace; PART PDM; REV: X-030; DRAWING PDM; REV: X-030