NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.

⟨5⟩ MECHANICALLY STAMP (NO INKS OR DYES) PART NUMBER, REVISION AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY.
EXAMPLE: D100XXXX-V1
S/N 001

6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.

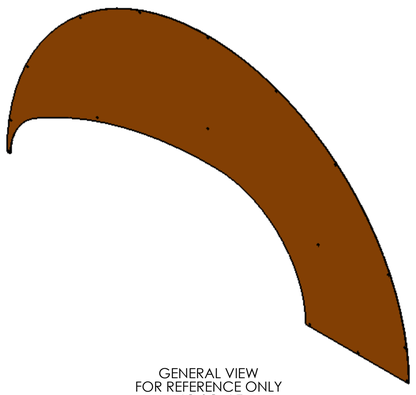
⟨8⟩ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

⟨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.

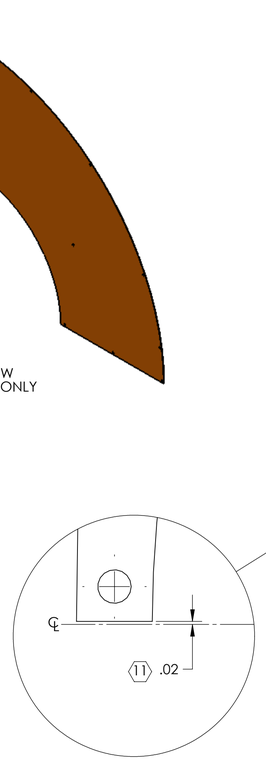
10. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.

⟨11⟩ PART IS NOT TRUE HALF CIRCLE.

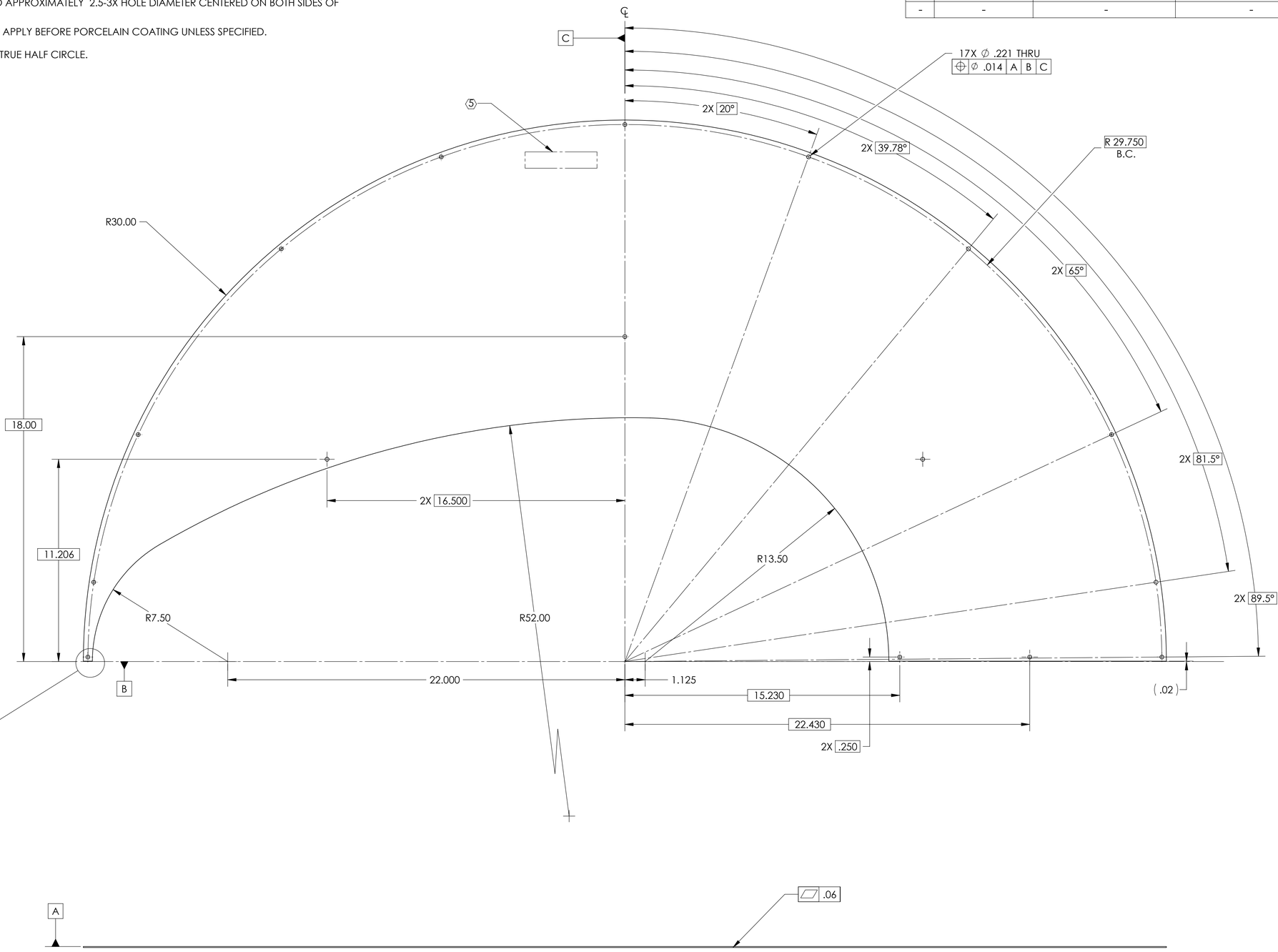
REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAY 2011	E1000822-v1	-
-	-	-	-
-	-	-	-



GENERAL VIEW
FOR REFERENCE ONLY
NO SCALE



DETAIL A
SCALE 2 : 1
2 PLACES



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)									
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 0.5°			LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME: APERTURE PLATE_200MM				
			SYSTEM: ADVANCED LIGO	SUB-SYSTEM: AOS	DESIGNER	TQ. NGUYEN	10 NOV 2010	SIZE: D	DWG. NO.: D1003110 REV.: v1
					DRAFTER	TQ. NGUYEN	30 NOV 2010		
MATERIAL: 18GA A424 TYPE 1 STEEL		FINISH: ⟨8⟩ ⟨9⟩	NEXT ASSY: D1002864		CHECKER	M. SMITH		SCALE: 1:3	PROJECTION: SHEET 1 OF 1
					APPROVAL	D. COYNE			

D1003110_ciLIGO_MC_Tube_Baffle_200_Aperture_Plate, PART PDM REV= X-019, DRAWING PDM REV= X-031