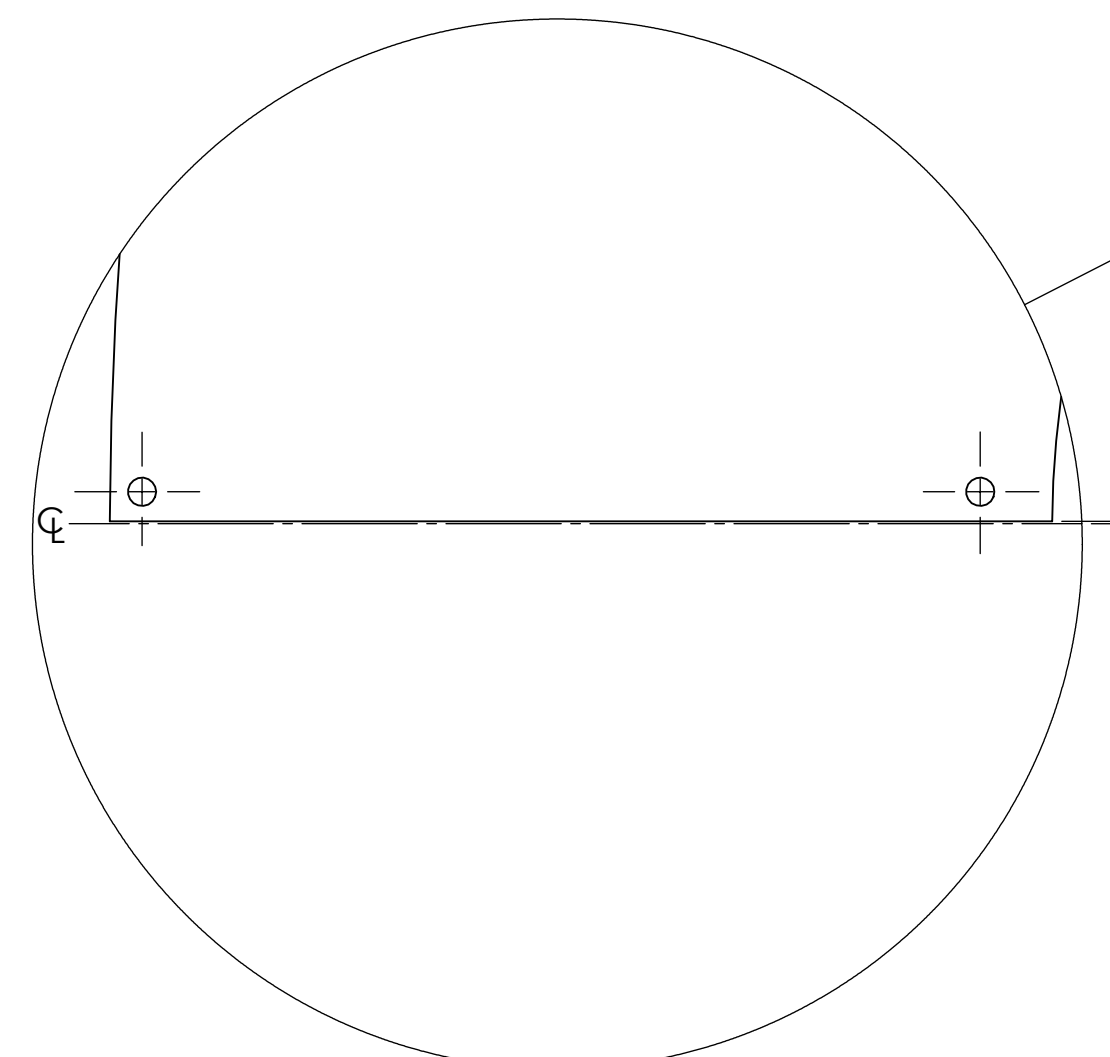
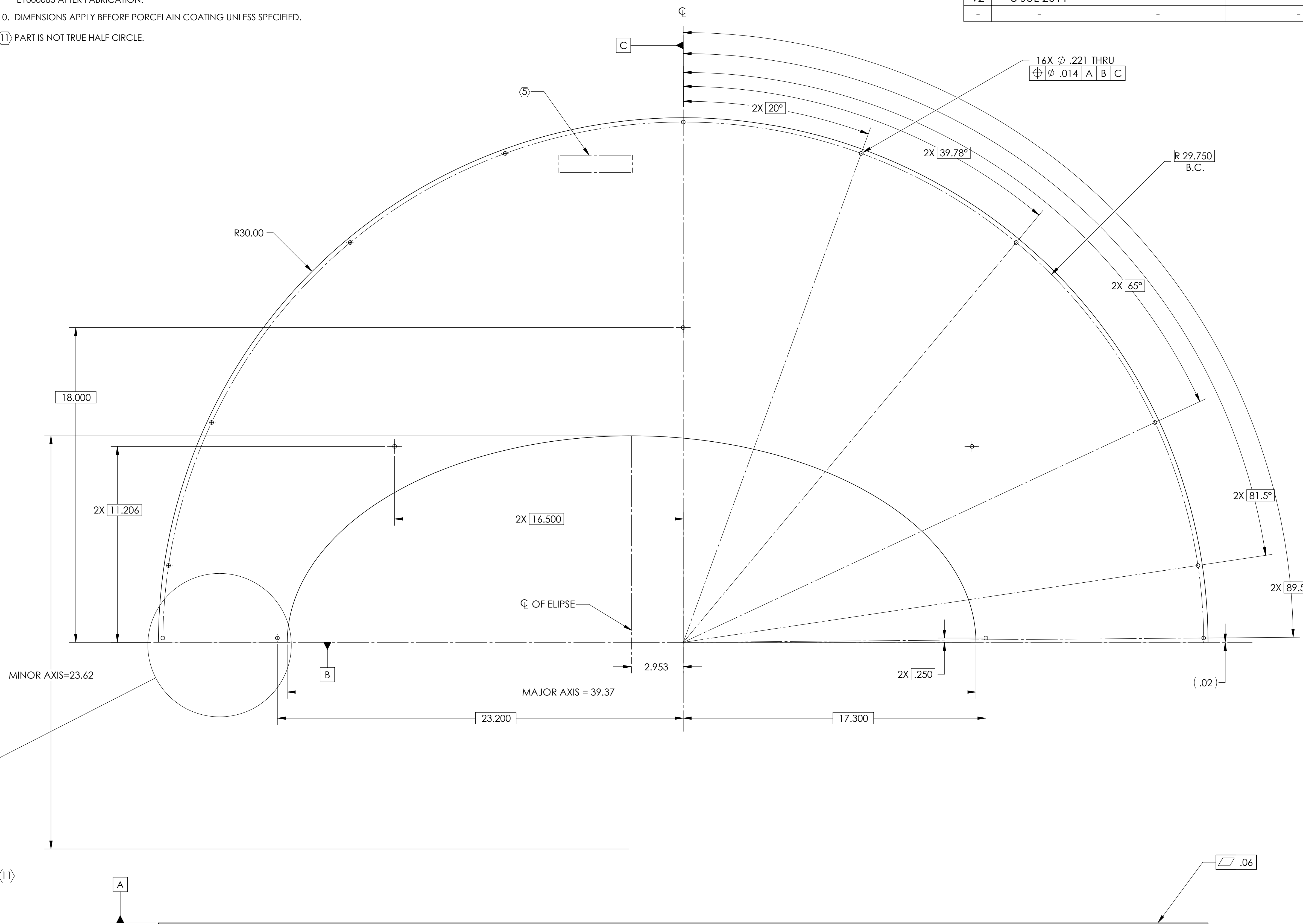
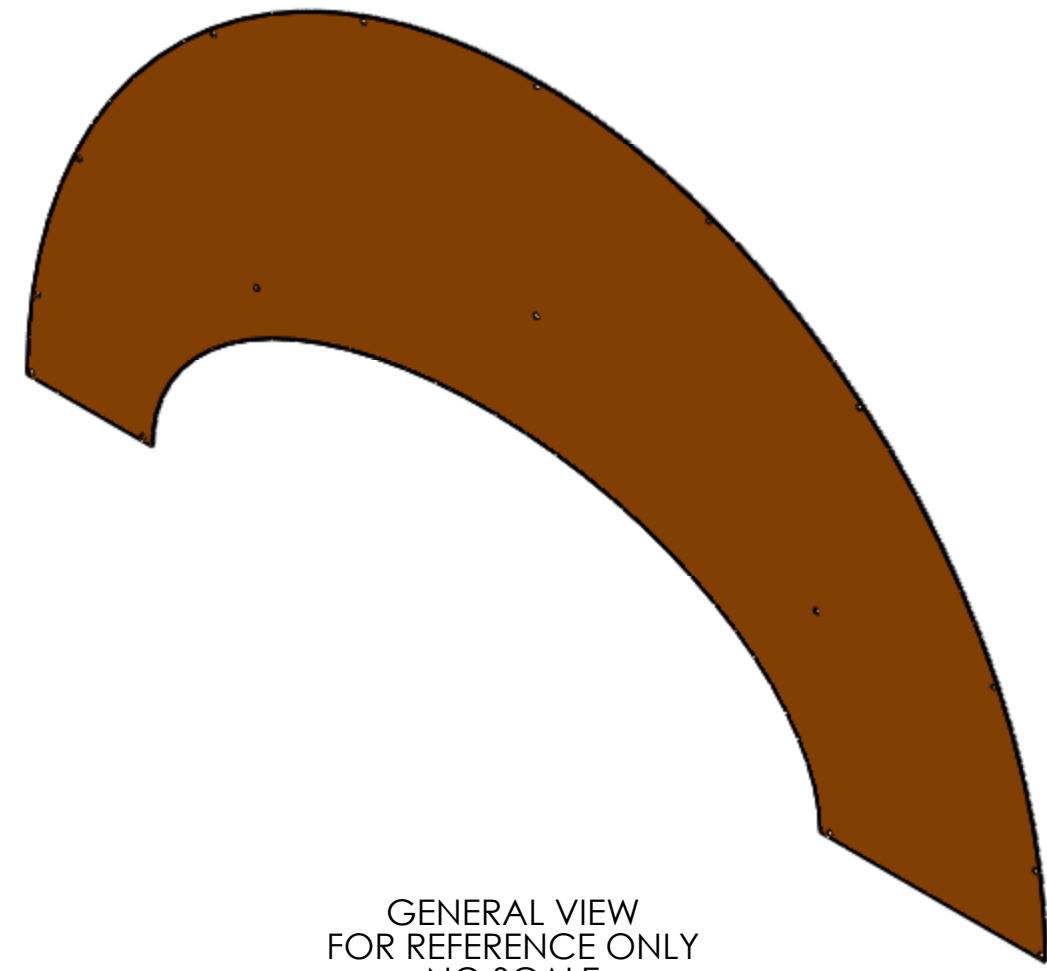


NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES. FULL RADIUS ON ALL EDGES AND HOLES.
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 COMPLETELY PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION.
- 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	-
v2	8 JUL 2011	-	-
-	-	-	-



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME											
DIMENSIONS ARE IN INCHES				<table border="1"> <tr> <td>SYSTEM</td> <td>ADVANCED LIGO</td> <td>SUB-SYSTEM</td> <td>AOS</td> </tr> <tr> <td>NEXT ASSY</td> <td colspan="3">D1002864</td> </tr> </table>		SYSTEM	ADVANCED LIGO	SUB-SYSTEM	AOS	NEXT ASSY	D1002864			APERTURE PLATE_75MM			
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	AOS														
NEXT ASSY	D1002864																
TOLERANCES: .XX ± .03 .XXX ± .010						DESIGNER	TQ. NGUYEN	10 NOV 2010	SIZE	DWG. NO.	REV.						
ANGULAR ± 0.5°				MATERIAL		DRAFTER	TQ. NGUYEN	30 NOV 2010	D	D1003109	v2						
				FINISH		CHECKER	M. SMITH										
				18GA A424 TYPE 1 STEEL		APPROVAL	D. COYNE		SCALE: 1:3	PROJECTION:	SHEET 1 OF 1						

D1003109_d1003109.dwg: 75-Aperture_Plate_PDR FDM REV: 012 DRAWING PDM REV: X017