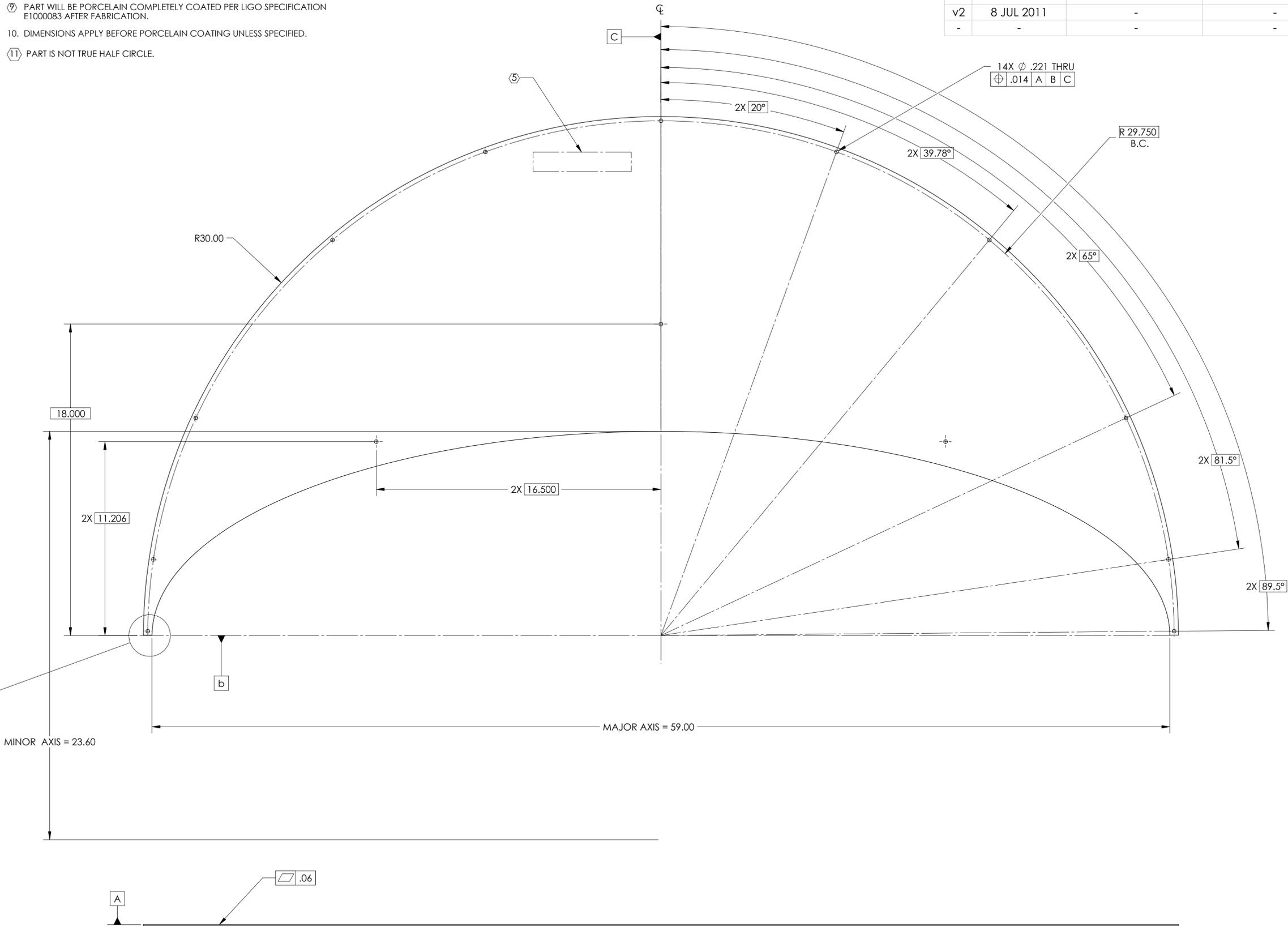
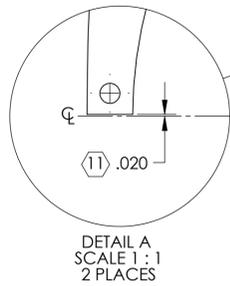
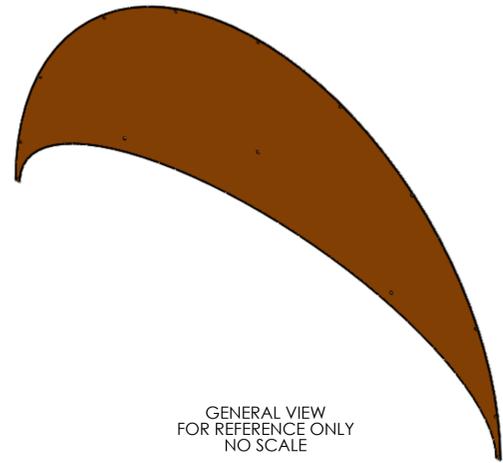


REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAY 2011	E1000822-v1	-
v2	8 JUL 2011	-	-
-	-	-	-

**NOTES: UNLESS OTHERWISE SPECIFIED**

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES. FULL RADIUS ON ALL EDGES AND HOLES.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.
- 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: D100XXX-V1 S/N 001
- ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
- 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.
- SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

- (9) PART WILL BE PORCELAIN COMPLETELY COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION.
10. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
- (11) PART IS NOT TRUE HALF CIRCLE.



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:  
.XX ± .03  
.XXX ± .010

ANGULAR ± 0.5°

MATERIAL	18GA A424 TYPE 1 STEEL
FINISH	(8) (9)

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM	ADVANCED LIGO	SUB-SYSTEM	AOS
NEXT ASSY	D1002864		

PART NAME				APERTURE PLATE_1500 MM			
DESIGNER	TQ. NGUYEN	10 NOV 2010	SIZE	DWG. NO.	REV.		
DRAFTER	TQ. NGUYEN	12 NOV 2010	D	D1002995	v2		
CHECKER	M. SMITH		SCALE: 1:4	PROJECTION:	SHEET 1 OF 1		
APPROVAL	D. COYNE						