

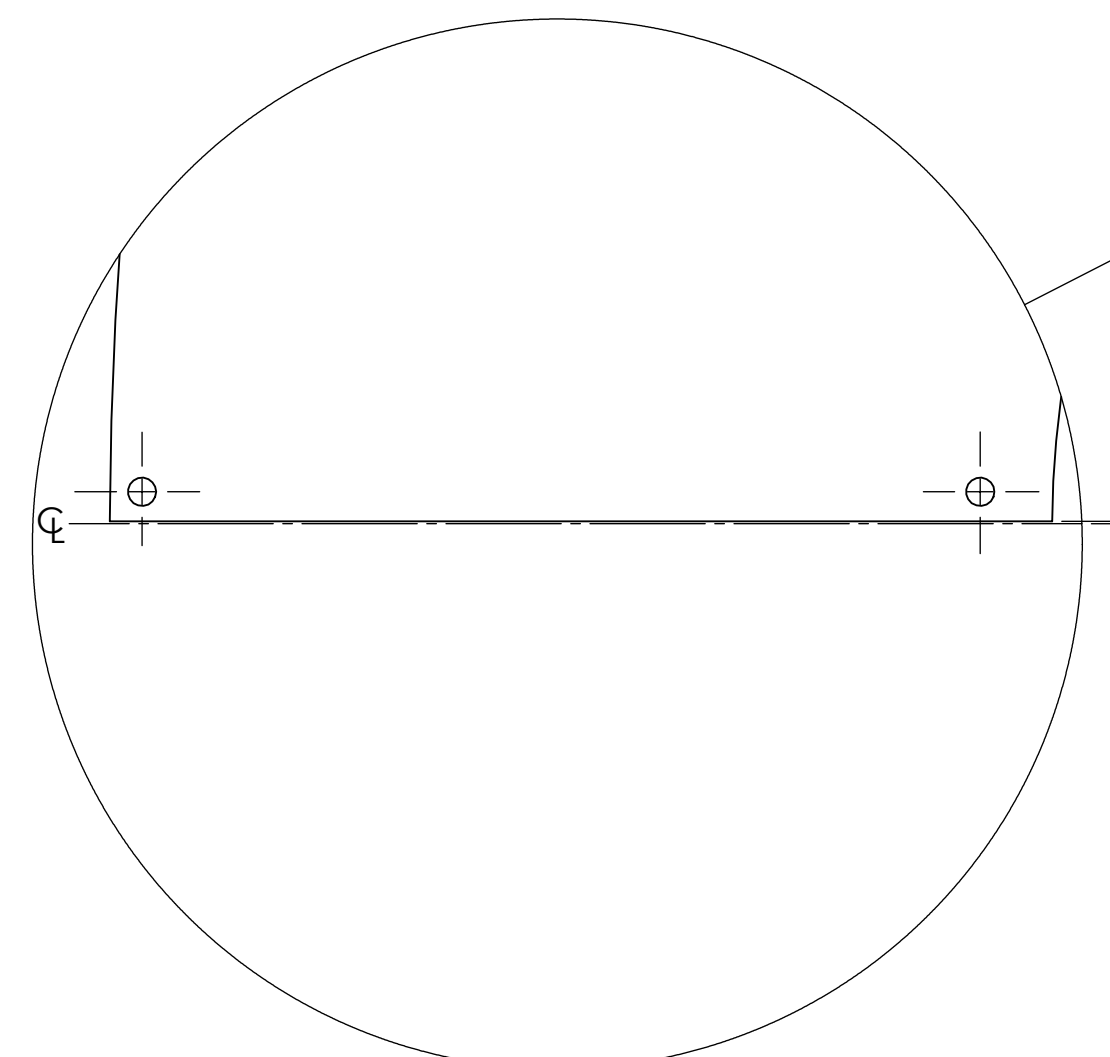
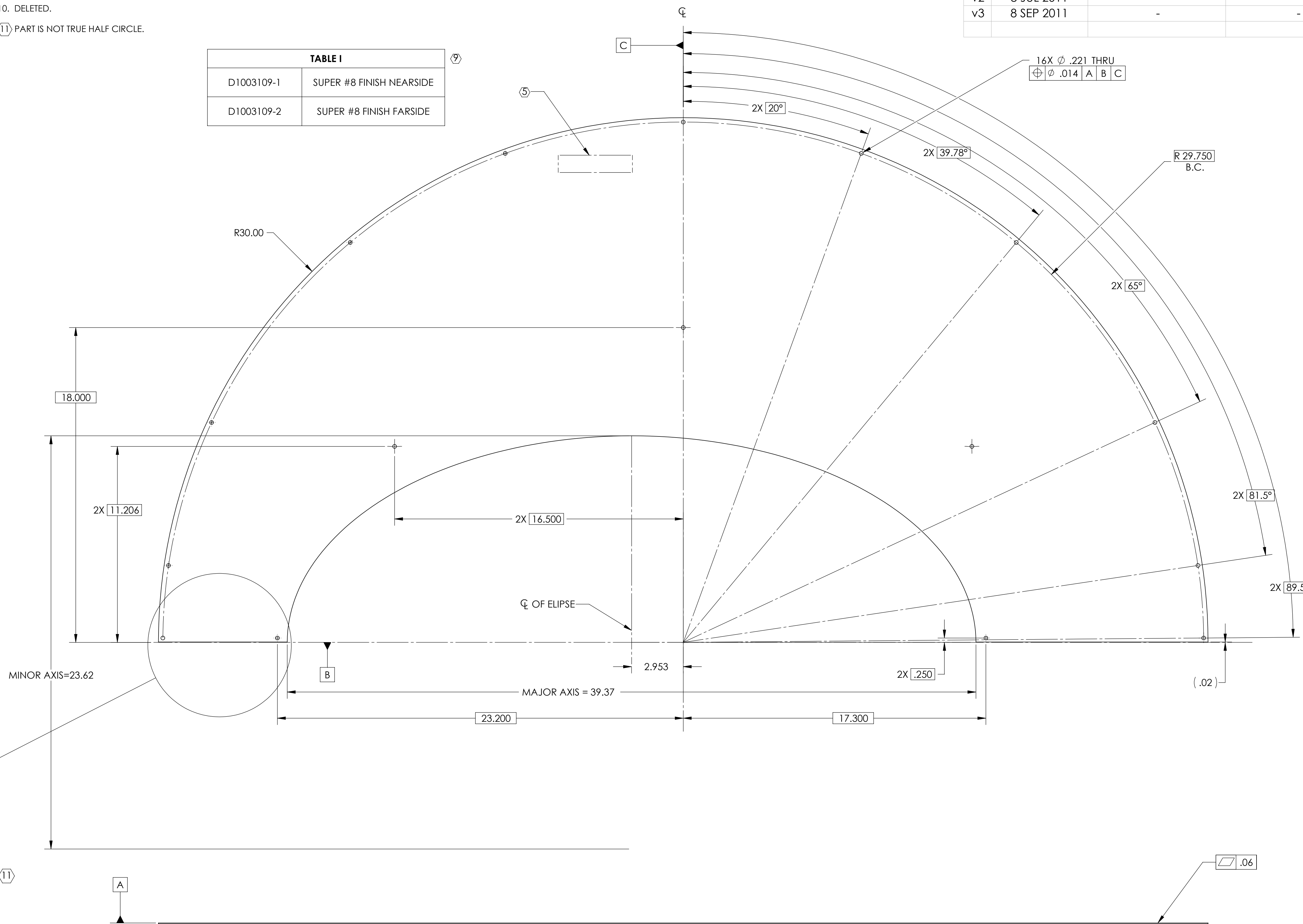
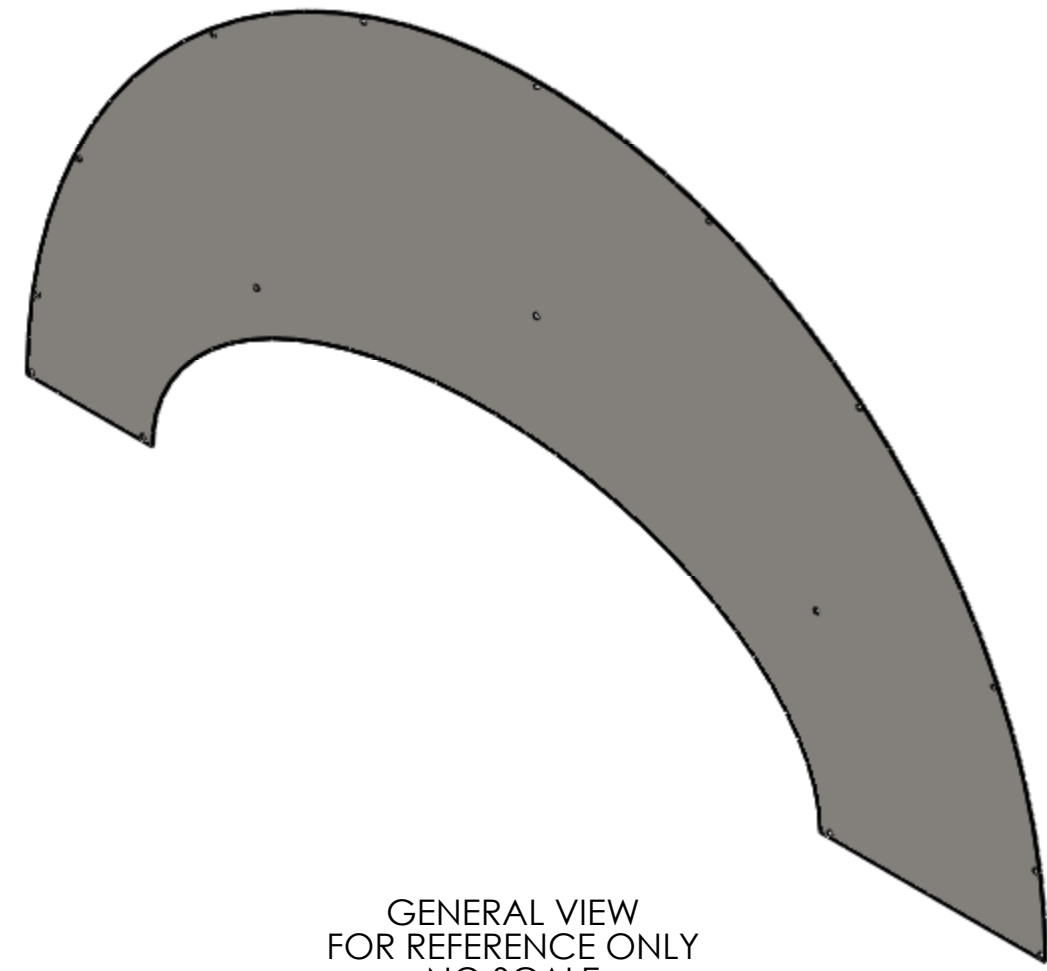
**NOTES: UNLESS OTHERWISE SPECIFIED**

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015 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. DO NOT APPLY MARK ON SUPER #8 SIDE. 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. REFER TO TABLE I.
- 10. DELETED.
- 11. PART IS NOT TRUE HALF CIRCLE.

TABLE I	
D1003109-1	SUPER #8 FINISH NEARSIDE
D1003109-2	SUPER #8 FINISH FAR SIDE

REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAY 2011	E1000822-v1	-
v2	8 JUL 2011	-	-
v3	8 SEP 2011	-	-



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME					
DIMENSIONS ARE IN INCHES				SYSTEM		SUB-SYSTEM		DESIGNER		APERTURE PLATE_75MM	
TOLERANCES: .XX ± .03 .XXX ± .010				ADVANCED LIGO		AOS		TQ. NGUYEN		10 NOV 2010	
ANGULAR ± 0.5°				MATERIAL		NEXT ASSY		CHECKER		SIZE DWG. NO.	
				18 GAUGE 304 SSTL		D1002864		M. SMITH		D	
				FINISH				APPROVAL		SCALE: 1:3	
				8 9 SUPER #8				D. COYNE		PROJECTION:	
										SHEET 1 OF 1	
										REV. v3	