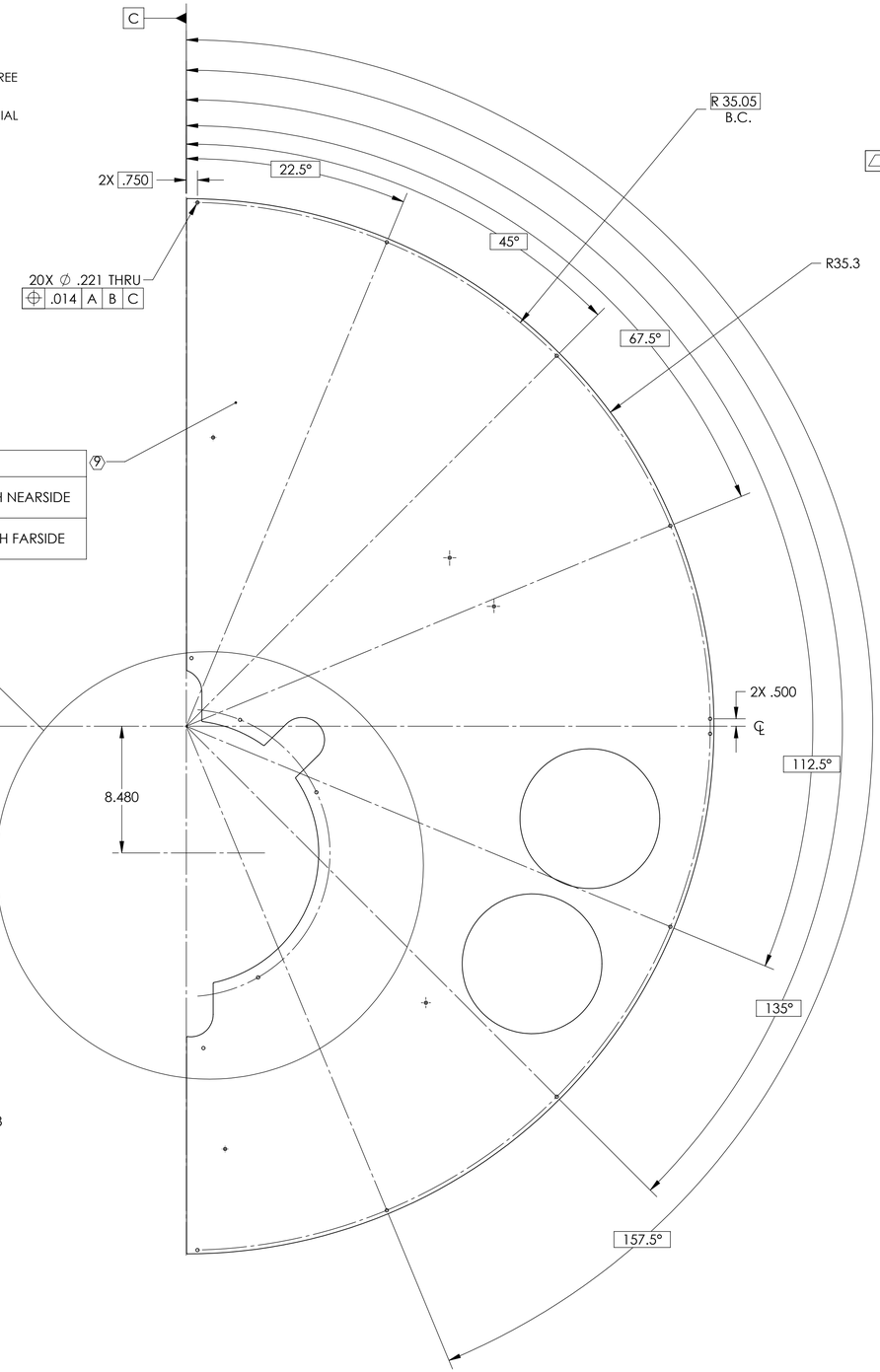
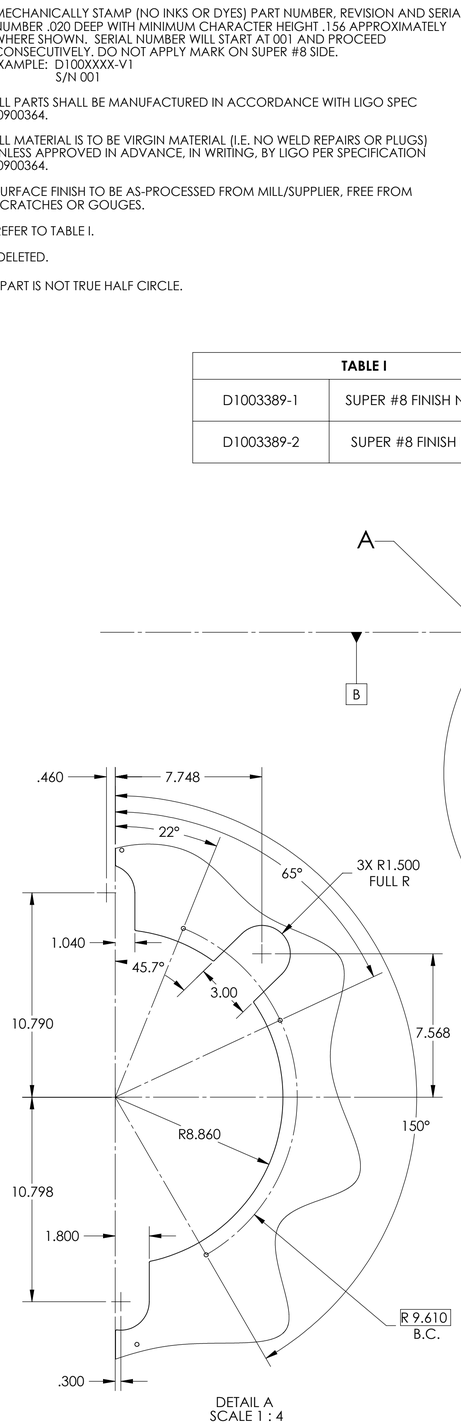
NOTES: UNLESS OTHERWISE SPECIFIED

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.
   XAMPLE: 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.

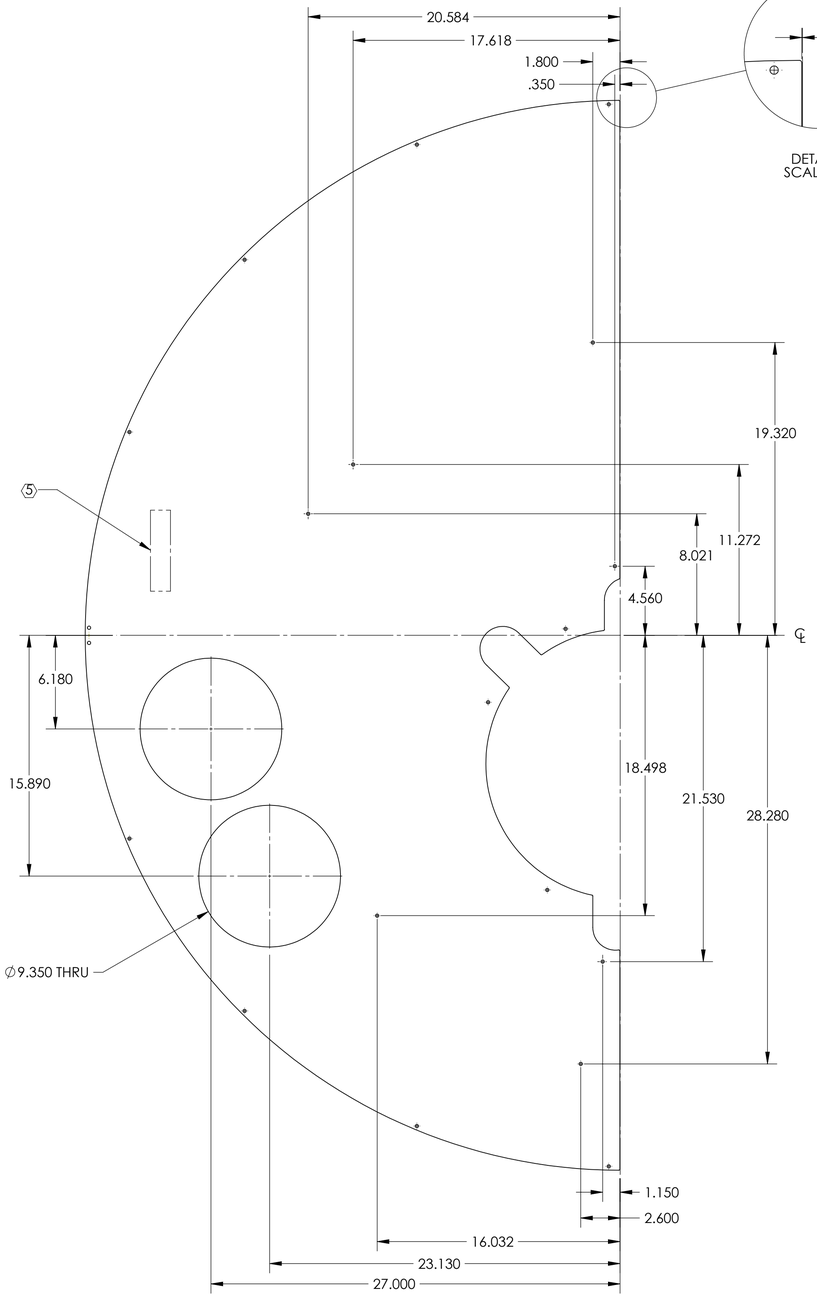
REV.	DATE	DCN #	DRAWING TREE #
v1	2 AUG 2011	E1100088-v1	-
-	-	-	-
-	-	-	-

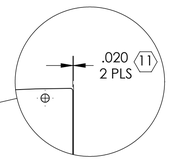
TABLE I	
D1003389-1	SUPER #8 FINISH NEARSIDE
D1003389-2	SUPER #8 FINISH FARSIDE





DETAIL A
SCALE 1 : 4





DETAIL B
SCALE 1 : 2

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .03
.XXX ± .010

ANGULAR ± 0.5°

MATERIAL: 18 GAUGE 304 SSTL

FINISH: 9 8 SUPER #8

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO

SUB-SYSTEM: AOS

NEXT ASSY: D1003384

PART NAME: MANIFOLD FLAT BAFFLE, LOWER PLATE_ETM XY

DESIGNER	TQ. NGUYEN	22 DEC 2010
DRAFTER	TQ. NGUYEN	9 JAN 2011
CHECKER	M. SMITH	
APPROVAL	D. COYNE	

SIZE: D | DWG. NO.: D1003389 | REV.: v1

SCALE: 1:5 | PROJECTION: | SHEET 1 OF 1

D1003389_aLIGO_Manifold_Flat_Baffle, Lower Plate, F ETMX, PART PDM REV X-X34, DRAWING PDM REV X-X22