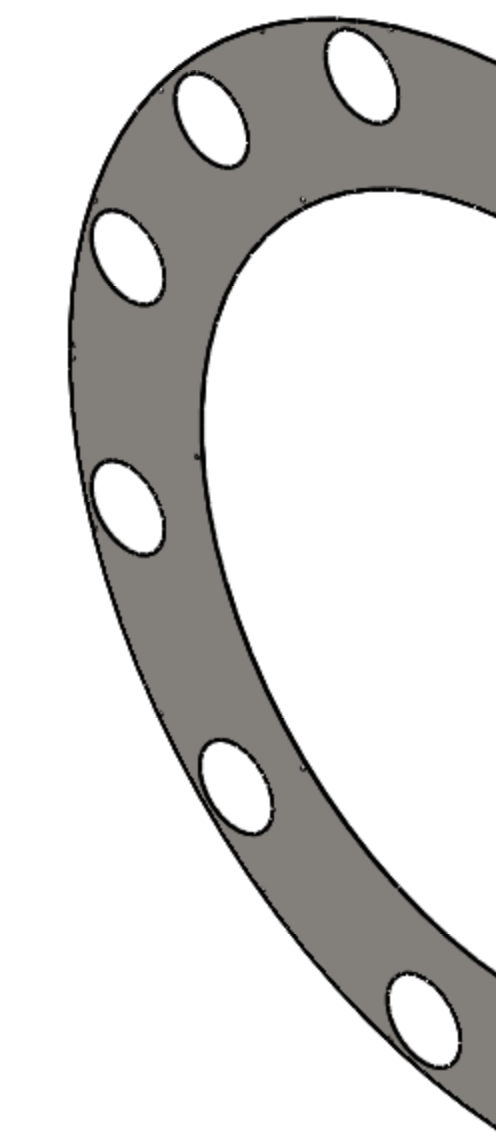
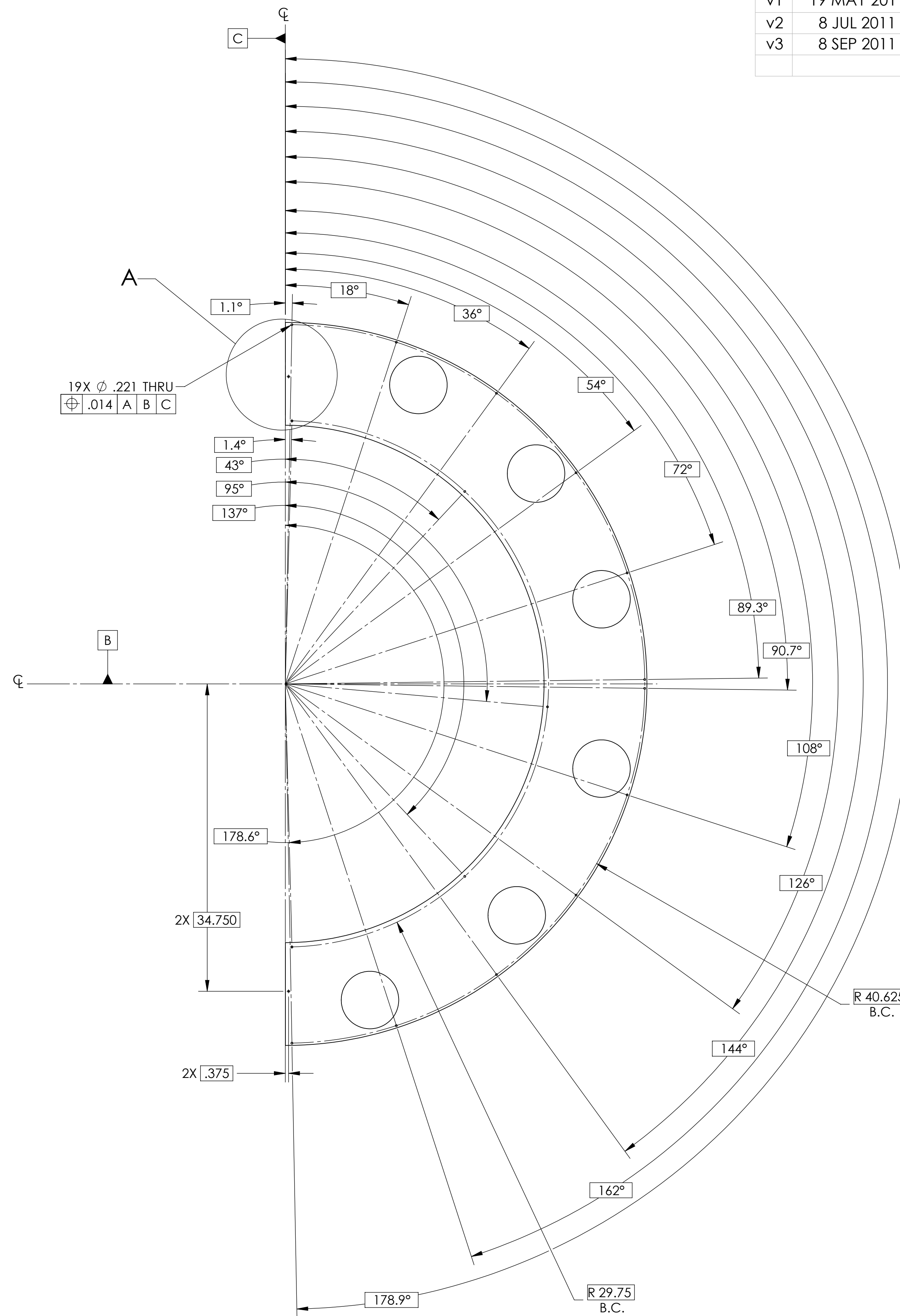
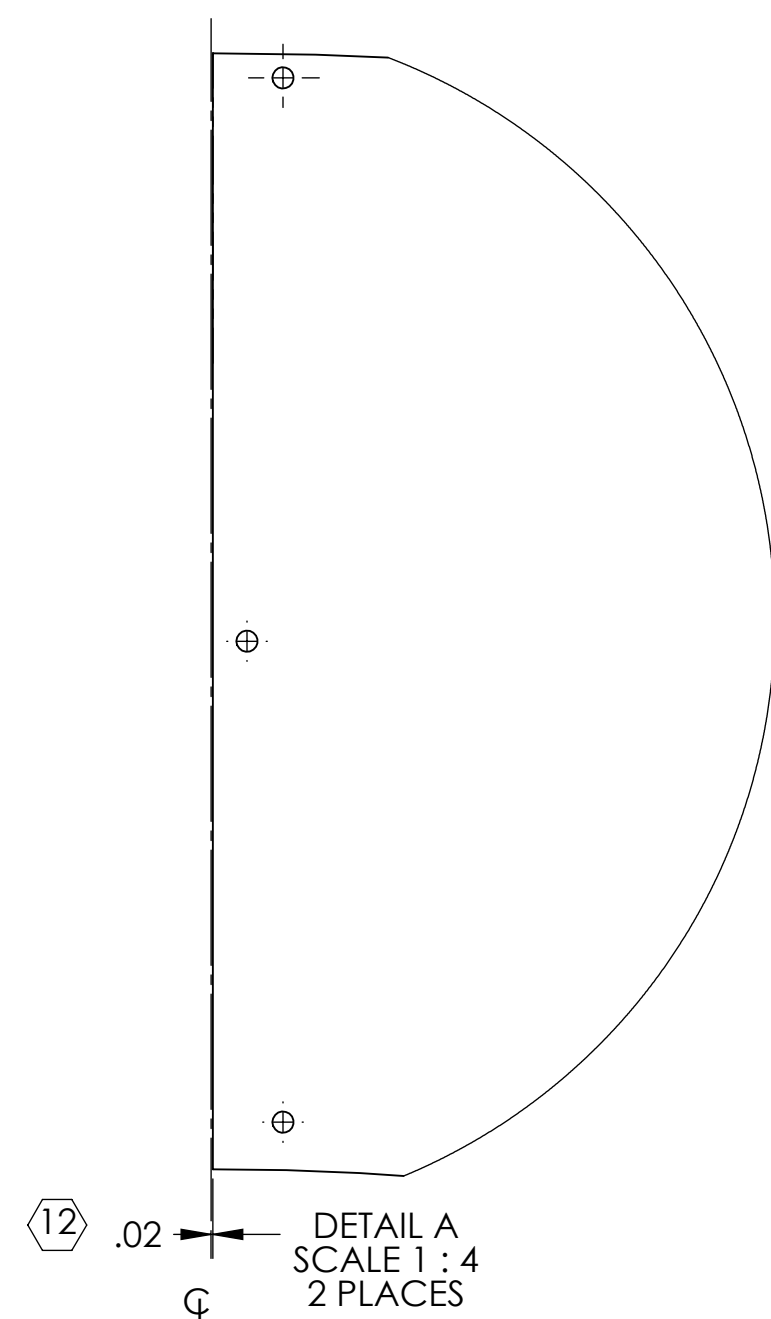
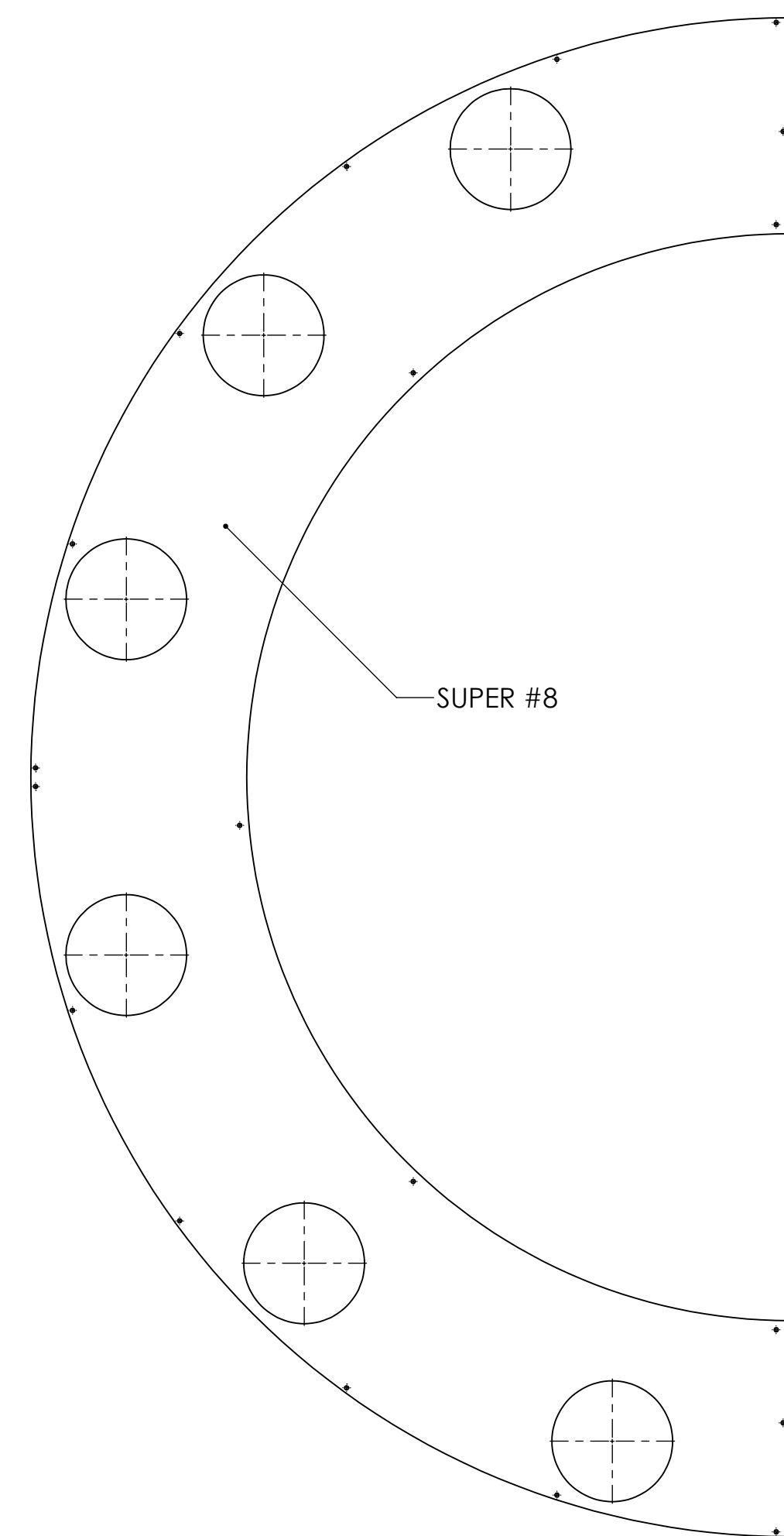


**NOTES: UNLESS OTHERWISE SPECIFIED**

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.  
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 SPECIFIED.
- ⑧ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
- ⑨ DELETED.
10. DELETED.
- ⑪ CAREFULLY NOTE THAT THESE ANGLE ARE GREATER THAN 360°
- ⑫ PART IS NOT TRUE HALF CIRCLE.

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



GENERAL VIEW  
FOR REFERENCE ONLY  
NO SCALE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
.XX ± .03  
.XXX ± .005  
ANGULAR ± 0.5°

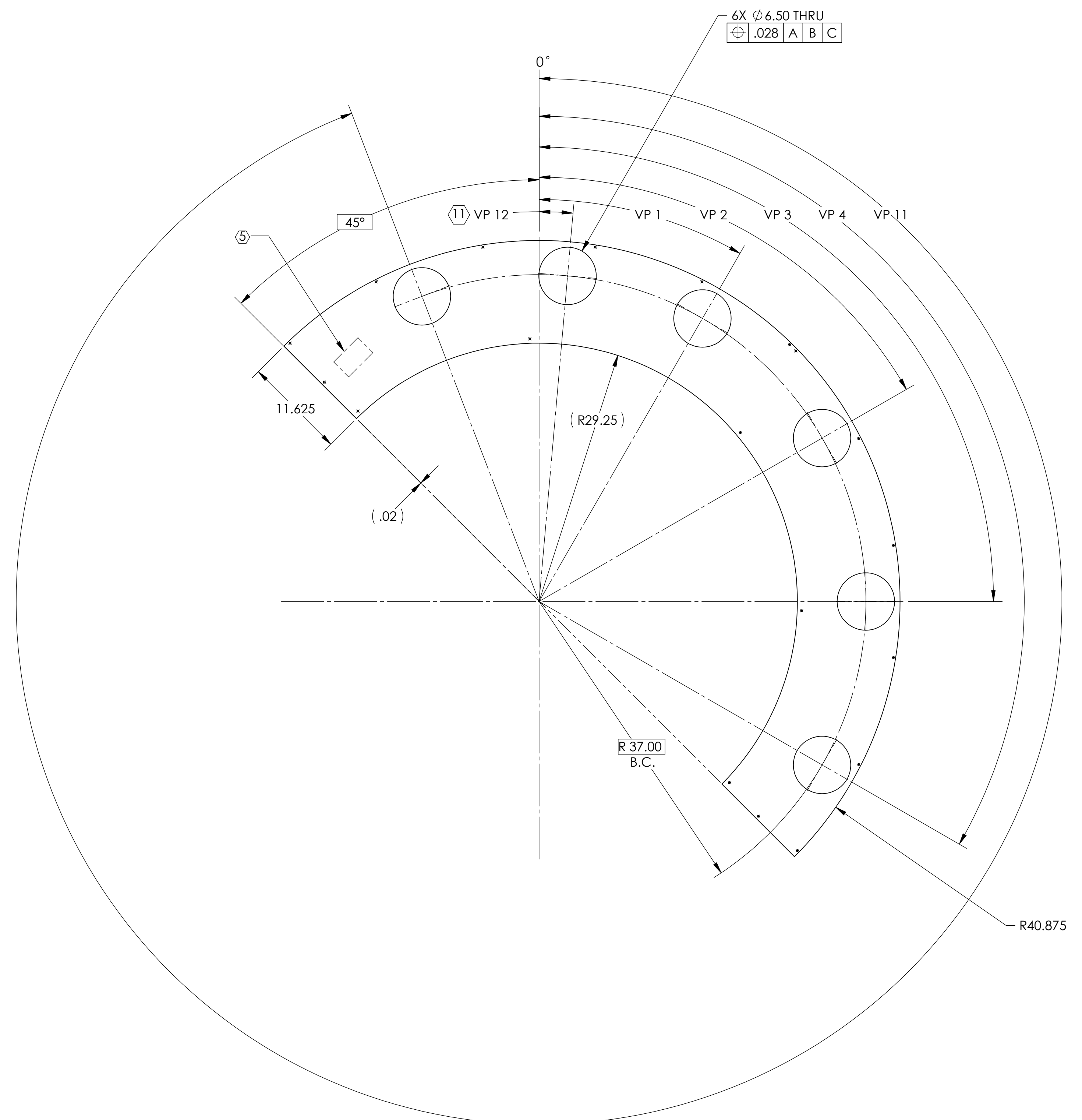
MATERIAL: 18 GAUGE 304 STEEL  
FINISH: ⑧ SUPER #8

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
SYSTEM: ADVANCED LIGO  
SUB-SYSTEM: AOS  
NEXT ASSY: D1002864

PART NAME: MODE CLEANER BAFFLE VIEWPORT PLATE, UPPER  
DESIGNER: TQ NGUYEN 28 OCT 2010  
DRAFTER: N. KILPATRICK 24 NOV 2010  
CHECKER: M. SMITH  
APPROVAL: D. COYNE  
SIZE: D  
DWG. NO.: D1003118  
SCALE: 1:8  
PROJECTION: SHEET 1 OF 2  
REV. v3

8 7 6 5 4 3 2 1

H  
G  
F  
E  
D  
C  
B  
A



**TABLE I: VIEWPORT LOCATIONS**

VIEWPORT No.	MCA -00	MCB1 -01	MCB2 -02	MCB3 -03	MCB4 -04
VP 1	30°	30°	23°	30°	30°
VP 2	60°	60°	60°	60°	60°
VP 3	90°	90°	90°	90°	90°
VP 4	120°	120°	120°	120°	120°
VP11	330°	339°	330°	322°	346°
VP12	360°	365° (11)	360°	344°	368° (11)

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. REV.  
D D1003118 v3

SCALE: 1:8 PROJECTION: SHEET 2 OF 2

D1003118.dwg; LMC\_Tube\_Baffle\_Plate\_Upper; PART PDM REV: X.023; DRAWING PDM REV: X.045

8 7 6 5 4 3 2 1