EGN 1110C
Homework #2

Instructions: Redraw the following figures. Do not include dimensions or construction lines. All figures should be done in the "Model" tab in AutoCAD. Each figure should be layout in separate pages (layouts) and each page should have the information shown in the title block. Title blocks should be inserted from the "Layout" tabs and there should not be any Title Blocks in the "Model Tab". All work should be done by computer and final work should be stapled. Use one Layer for each figure and the color of this layer should not match the color of the "Model" space. All figures should be created in one AutoCAD file.

Homework that does no meet the above criteria will not be graded.
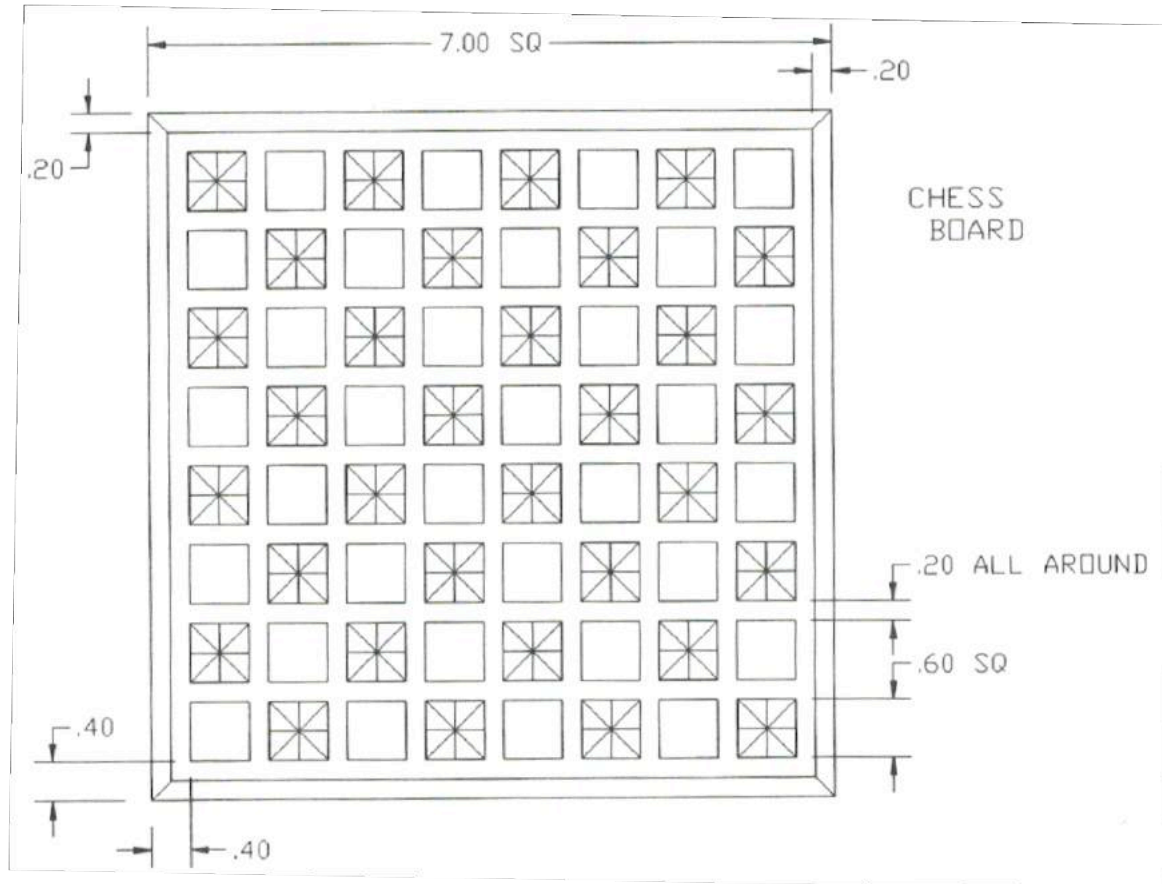
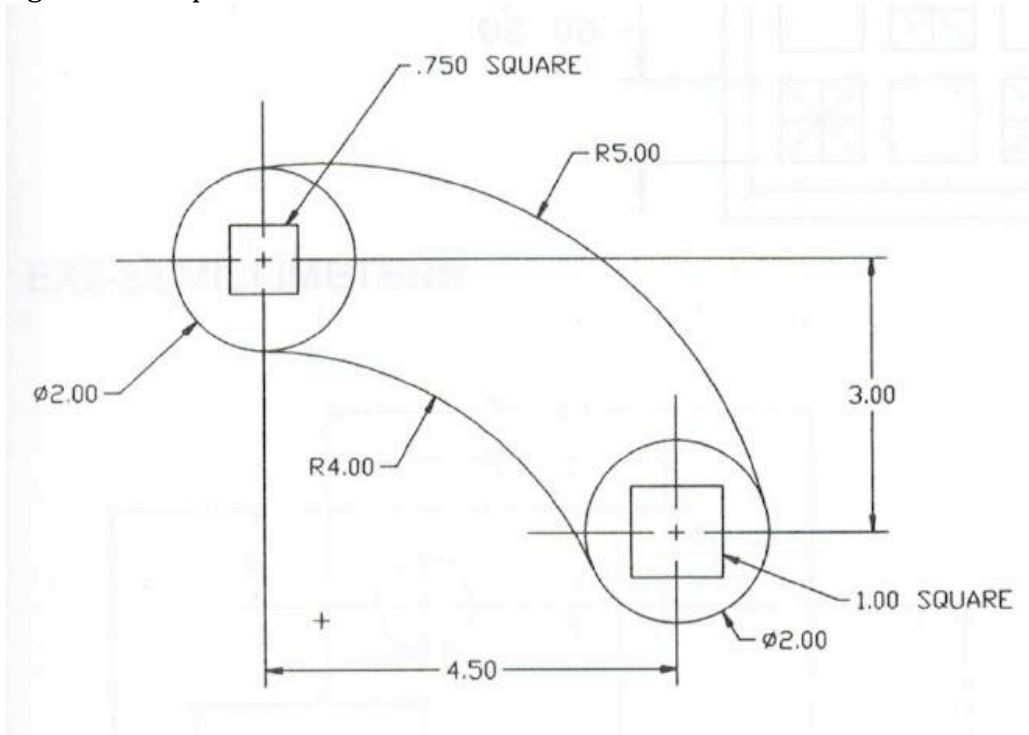**Units:** Inches

Figure #1: 25 points
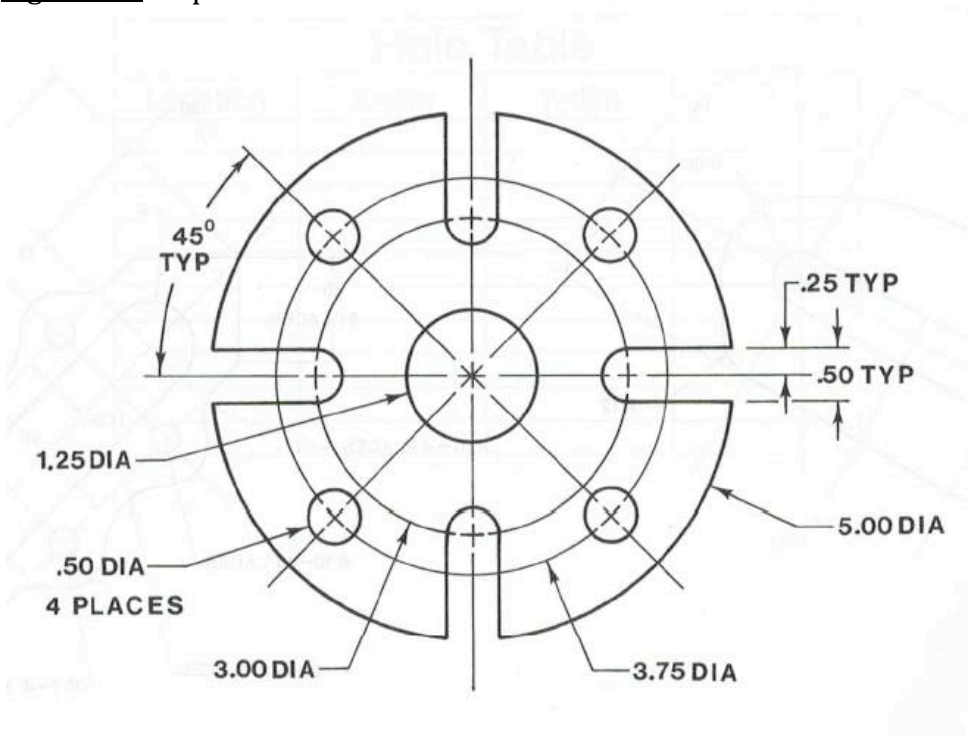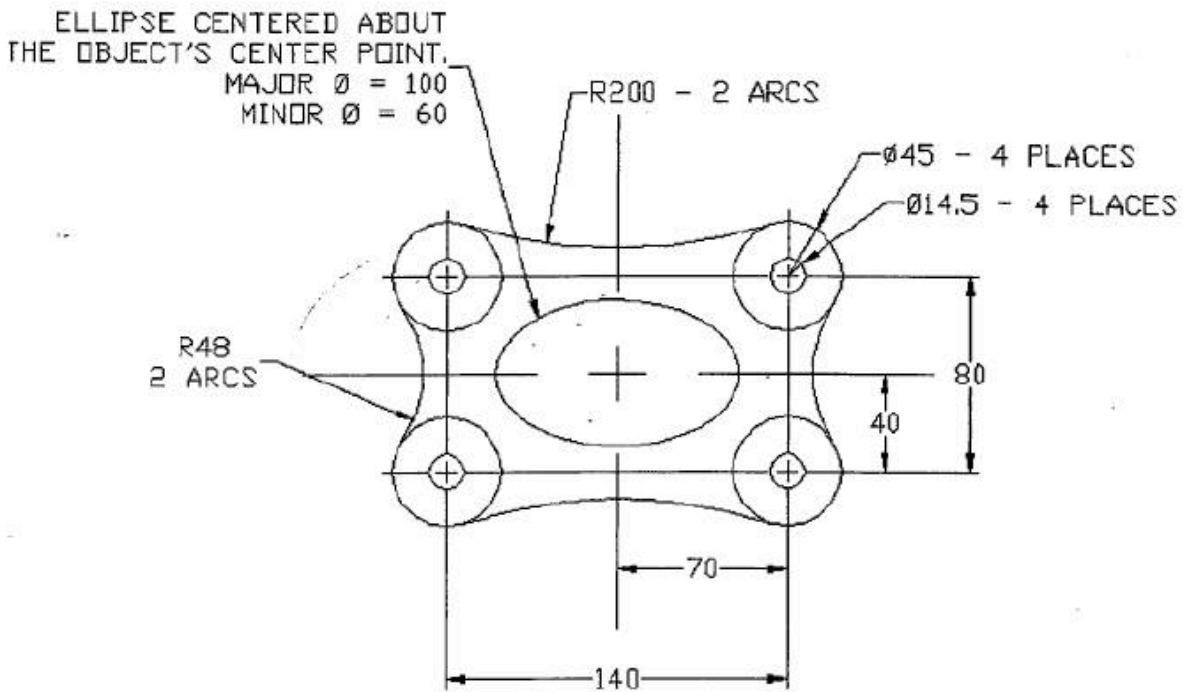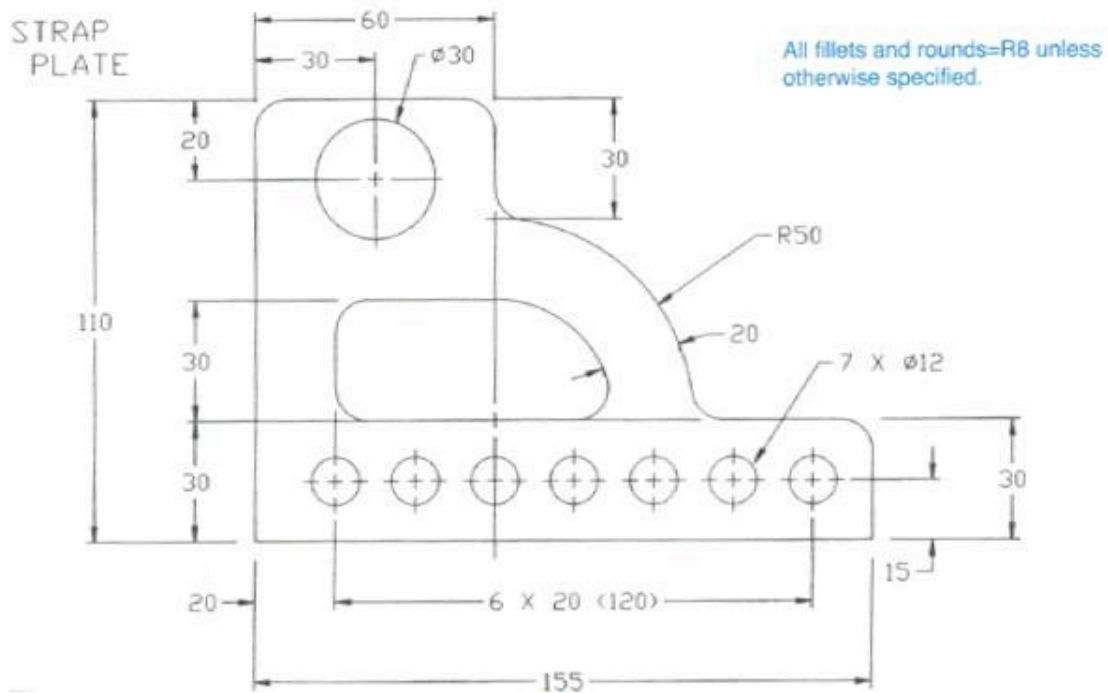
Figure #2: 25 points

Figure #3: 25 points

Figure #4: 25 points

ELLIPSE CENTERED ABOUT
THE OBJECT'S CENTER POINT.
MAJOR Ø = 100
MINOR Ø = 60

R200 – 2 ARCS

Ø45 – 4 PLACES

Ø14.5 – 4 PLACES

R48
2 ARCS

80

40

70

140

Figure #5: 25 points

STRAP
PLATE

60

30

Ø30

All fillets and rounds=R8 unless
otherwise specified.

20

30

110

30

R50

20

7 X Ø12

30

30

15

20

6 X 20 (120)

155

Figure #6: 25 points

Draw a circle, mark off 24 equally spaced points, then connect each point with every other point using only straight lines.
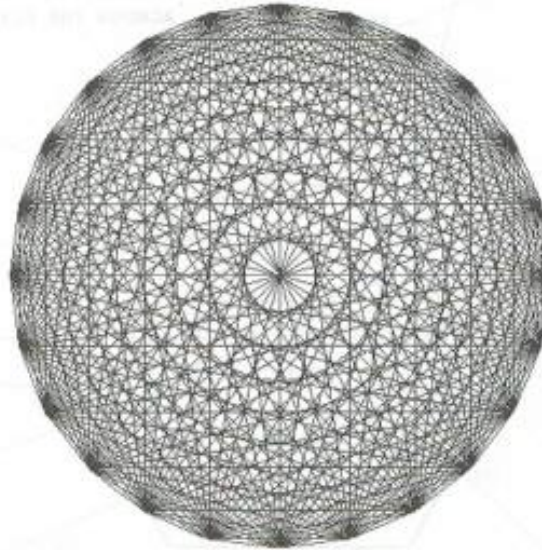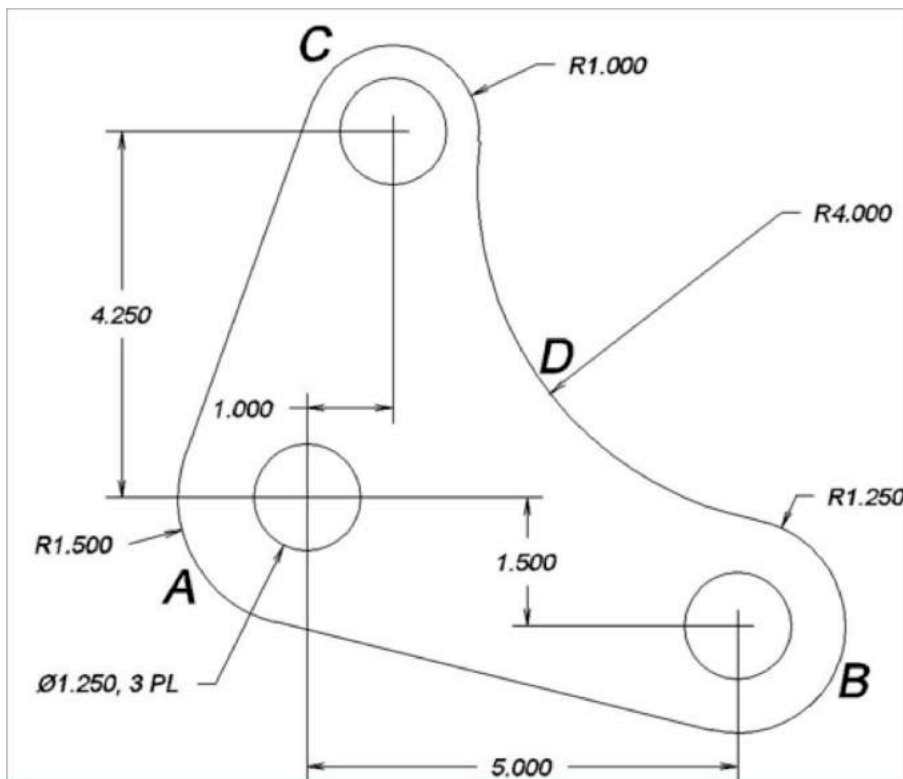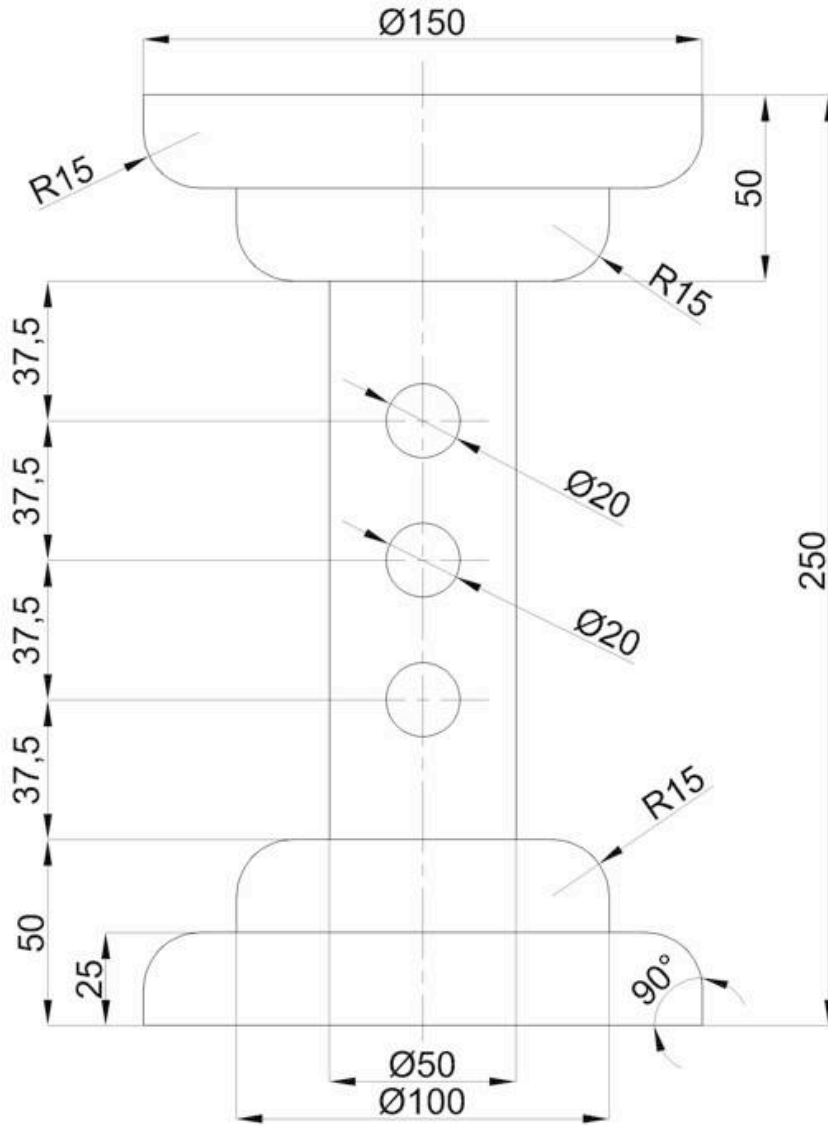

Figure #7: 25 points

C

R1.000

R4.000

D

4.250

1.000

R1.250

R1.500

1.500
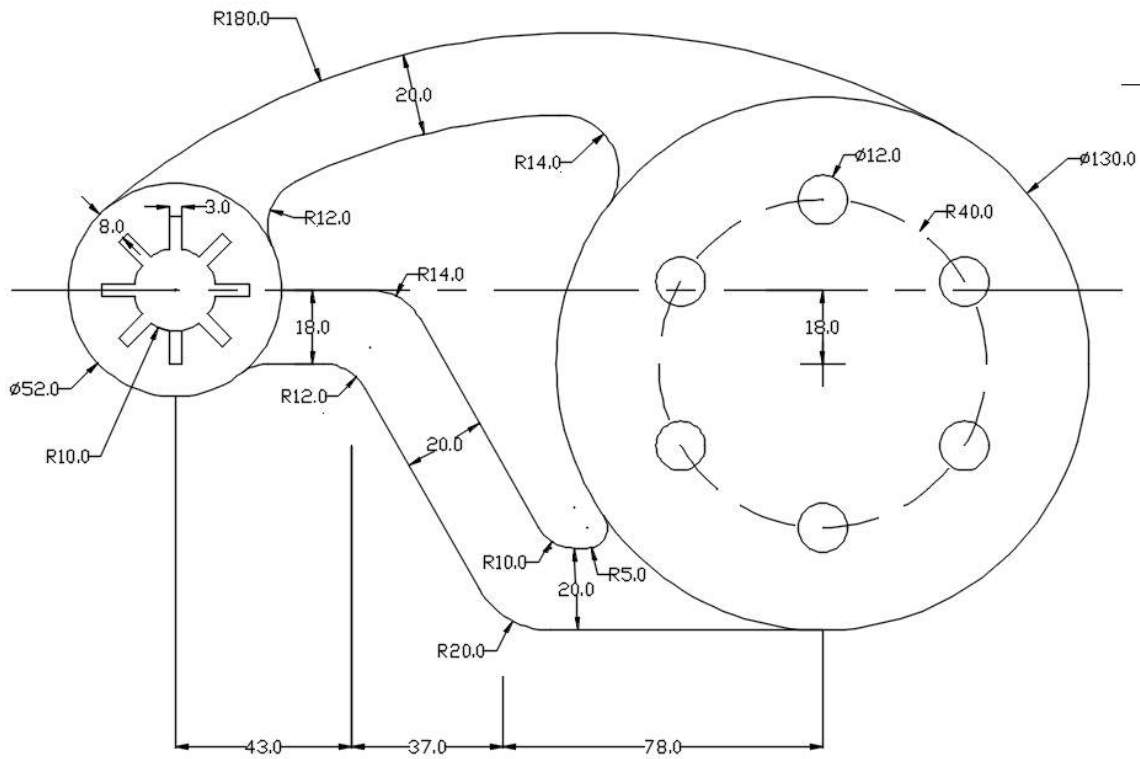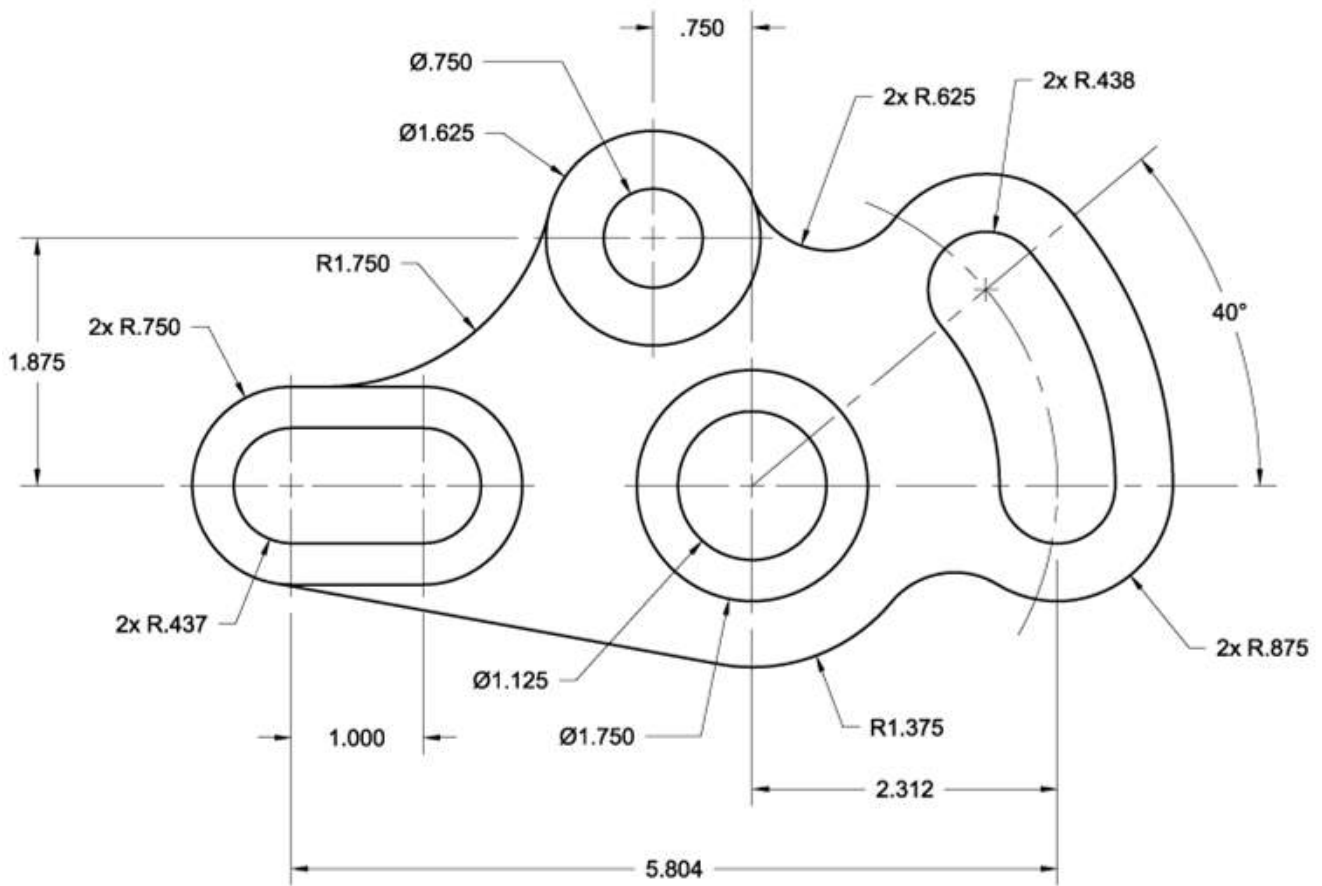
A

Ø1.250, 3 PL

B

5.000

Figure #8: 25 points

Figure #9: 25 points

Figure #10: 25 points

Figure #11: 25 points

Figure #12: 25 points