Exercise 29-2

1. Continue from Exercise 29-1 or start AutoCAD.

2. Start a new drawing using the acad.dwt drawing template file. Save the drawing as EX29-2.

3. Create the following layers:

Name	Color	Linetype
CIRCLE	blue	Continuous
ELLIPSE	red	Dashed
HEXAGON	green	Continuous
RECTANGLE	magenta	Center
TEXT	cyan	Continuous
VIEWPORT	8	Continuous

4. On the CIRCLE layer, draw a $\varnothing 2$ circle with a center at 6,4.

5. On the ELLIPSE layer, draw an ellipse centered at the center of the circle, with a horizontal major diameter of 3.5 and a vertical minor diameter of 2.5.

6. On the HEXAGON layer, draw an inscribed hexagon centered at the center of the circle and ending at 6,5.

7. On the RECTANGLE layer, draw a rectangle with a lower-left corner at 4,2.5 and an upper-right corner at 8,5.5.

8. On the TEXT layer, use the Standard text style to type your first name. Use single-line text, **Middle center** justification, a middle point of text location at the center of the circle, a height of 1, and a rotation angle of 0. Use all uppercase text.

9. Make the VIEWPORT layer current.

10. Delete **Layout2** and change the name of **Layout1** to **My Layout**.

11. Make **My Layout** current. Notice that the default viewport boundary is automatically assigned the VIEWPORT layer because you made the VIEWPORT layer current before accessing **My Layout**.

12. Erase the default viewport.

13. Access the **Options** dialog box. Pick the **Plot and Publish** tab and select the **Edge of paper** radio button in the **Specify plot offset relative to** area.

14. Pick the **Apply** button and then the **OK** button to apply the change and exit the **Options** dialog box.

15. Access the **Page Setup Manager** and modify the *My Layout* page setup using the **Page Setup** dialog box.

16. Select a printer or plotter from the list that can plot an A-size sheet.

17. Select an A-size (8.5″ × 11″) sheet from the **Paper size** drop-down list.

18. Ensure that the **Landscape** radio button is selected in the **Drawing orientation** area.

19. Select the **Layout** option from the **What to plot:** drop-down list to plot to the edges of the A-size layout.

20. Use the default X and Y plot offset origin of 0.000.

21. Set the plot scale to 1:1.

22. Select the acad.ctb plot style table.

23. You may need to select the **Plot upside-down** check box to locate the layout origin at the lower-left corner of the sheet.

24. Pick the **OK** button to exit the **Page Setup** dialog box, and pick the **Close** button to exit the **Page Setup Manager**.

25. Use the **Viewports** dialog box to create a **Two: Horizontal** viewport configuration with a .5 viewport spacing. Specify the first corner as .5,.5 and the opposite corner as 5.25,8.

26. Resave and close the file.

27. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.