## **AutoCAD and Its Applications BASICS**

## **Exercise 28-1**

- 1. Start AutoCAD if it is not already started.
- Start a new drawing using the acad.dwt drawing template file. Save the drawing as EX28-1.
- 3. Set the drawing units to **Fractional**.
- 4. Set the lower-left corner of the model space drawing limits to 0,0 and the upper-right corner to 132,102.
- 5. Open the file Detail 7.dwg from the companion website and check to be sure that model space is current.
- 6. Pick the **Select All** button from the **Utilities** panel of the **Home** ribbon tab to select all of the objects in the drawing. Right-click, select **Copy with Base Point**, and pick the intersection of the two lines that make up the "X" in the  $4 \times 12$  DFL #2 beam as the base point.
- 7. Close the Detail 7.dwg file without saving.
- 8. Right-click in the new drawing and select **Paste**. Specify an insertion point of 65,62.
- 9. Zoom to the drawing extents.
- 10. Select the Layout1 tab to display Layout1. You should see a representation of the sheet, a dashed rectangle that defines the margins, and a large, rectangular floating viewport. Inside the floating viewport, you should see the detail you inserted in model space, scaled to fit into the floating viewport.
- 11. Explore paper space using view commands such as zoom and pan. Notice that the same tools and interface items found in model space are also present in paper space.
- 12. Pick the **Model** tab to return to model space. Then pick the **Layout1** tab to return to paper space.
- 13. Resave and close the file.
- 14. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.