

Exercise 28-1

1. Start AutoCAD if it is not already started.
2. 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 × 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.