

## CHAPTER 14 EXERCISES

*Open* the **PLAN** drawing that you created in Chapter 12. Set the *Limits* to **0,0** and **36,24**. Notice that the drawing will not fit inside these *Limits* because the floor plan is about 61' x 44'. Therefore, follow the steps to set up the drawing correctly for plotting on a D size sheet.

1. You will plot this drawing at a scale factor of  $\frac{1}{4}'' = 1'-0$ . By looking at the chart on page 265 of *AutoCAD 2000 Instructor*, you will find that the drawing scale factor for  $\frac{1}{4}'' = 1'-0$  is 48. The appropriate paper size given for a D size sheet in feet is 144 x 96. Set *Limits* to these values.

*Plot* the drawing *Limits* on a 36" x 24" sheet. Make sure the *Scale to Fit* check box is unchecked. Under *Plotted Inches* enter .25 and under *Drawing Units* enter 1'. Select a *Full Preview* to verify that the drawing fits correctly. Ensure you have a plotter configured that will print a D size sheet and select **OK**.

2. Next plot the same drawing on a size "C" sheet. Refer to the chart on page 265 of *AutoCAD 2000 Instructor*. The *Limits* in feet for a C size sheet are 96 x 72. Change the *Limits* of the **PLAN** drawing to match these values. Set *Grid* to 24". Now will the drawing fit in the *Limits*? You may need to use the *Move* command to reposition the drawing to fit within the grid. Make sure you have C size paper selected in the *Size* dialog box and create a *Plot* of the *Limits*.