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 ¼” = 1'-0. By looking at the chart on page 265 of AutoCAD 2000 Instructor, you will find that the drawing scale factor for ¼” = 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.