CHAPTER 47 EXERCISES

The following exercises require that the AutoCAD Express Tools are loaded onto your system.

1. *Layer Isolate* and *Freeze*

   *Open* the RETWALL drawing from the Chapter 29 Exercises. Use the *Layfrz* command to freeze all of the objects on the hatch layer as shown in Figure CE47-1.

   **Figure CE47-1**

   Next, use *Layiso* to select the concrete layer as the only layer to be displayed as shown in Figure CE47-2. *SaveAs* CE47-1.
2. Masking Text

Continue working on the RETWALL drawing. Make all layers visible again. Move the 4 text objects labeling the hatch patterns to a location inside each hatch pattern and Erase the Leader (Fig. 47-3). In order to make the text readable, use the Textmask command to mask the hatch patterns behind the text objects. SaveAs CE47-2.

3. Synchronizing Viewports

Open the FRAMING drawing from the Chapter 33 Exercises. Notice that the viewports for the two detail views are not aligned. The Express Tools provide a simple way to line up the views between two different model space viewports while in the Layout tab. Select Layout Tools from the Express pull-down menu. Activate the Synchronize Viewports command and select the two viewports you wish to align (note: you will have to select on the viewport frame so make sure that it is not frozen or off before executing this command). SaveAs CE47-3.
4. Revision Bubble

Open the CE29EX1 drawing from the Chapter 29 Exercises. Stretch the front porch to a new length of 17'-8". Create a new Layer called REV and draw a revision cloud on it as shown in Figure CE47-4. SaveAs CE47EX4.