CHAPTER 22 EXERCISES

1. Piping Instrumentation

   Begin a New drawing. Draw a Circle with a Diameter of 1. Set the Text style to Simplex. Use the Attdef command to define an attribute for text in the center of the Circle. The Tag will be Instrument, the Prompt will be Instrument Type, and the Default will be FA. Next, Block the Circle and the attribute information. Insert the Block back into the drawing 8 times and entering the attributes as shown in Figure 22-1. Finally, use Ddatte to change the "LA" instrument into "FI". SaveAs CE22EX1.

2. Resistors

   Open the drawing CE10EX1 from the Chapter 10 Exercises. Erase all of the resistors except the one in the upper left corner. Add Attributes to this resistor for resistor number, resistor value, and part number. Block the resistor with its attribute information. Insert the Block and complete the electric circuit as shown in Figure CE22-2. SaveAs CE22EX2.

3. Titleblock with Attributes

   Open the TBLK_D drawing from the Chapter 21 Exercises. Erase the text for items such as scale, date, drawn by, designed by, sheet number, etc. Replace the text with Attributes with appropriate tag, prompt, and default information. Wblock the entire drawing as DTBLK. Do not Save changes to the TBLK_D drawing.
4. Grid Survey

Begin a New drawing. Draw a horizontal Line from 0,0 to 50’,0 and a vertical Line from 0,0 to 0,50’. Offset these lines in 10’ increments to create a grid. Set the Point Style to X and an absolute size of 1’. Draw a Point at one of the intersections of the grid lines. Add an Attribute to indicate the point elevation. Block the Point and the Attribute. Insert the Block at all intersections of the grid lines as shown in Figure CE22-3. SaveAs GRIDSURV.