

## Exercise 22-12

1. Continue from Exercise 22-11 or start AutoCAD.
2. Open the EX22-5 file you saved during Exercise 22-5.
3. Save a copy of EX22-5 as EX22-12. The EX22-12 file should be active.
4. Use the **DCLINEAR** or **DIMCONSTRAINT** command, and the **Horizontal** and **Vertical** options if necessary, to add the linear dimensional constraints shown in Figure 22-28A.
5. Use the **DCDIAMETER** or **DIMCONSTRAINT** command to add the diameter dimensional constraint to the circle shown in Figure 22-28A.
6. Make an appropriate dimension style and dimension layer current.
7. Use the **Properties** palette to convert the dynamic dimensional constraints to annotational dimensional constraints, as shown in Figure 22-28B.
8. Adjust the drawing display as described in this chapter to create the final drawing shown in Figure 22-28C.
9. Double-click on the  $\varnothing.50$  value and change the dimension to 1.0. The right-side view should automatically update according to the edit.
10. Resave and close the file.
11. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.