## CHAPTER 23 EXERCISES

1. Base Plates

Draw the steel Base Plate A as shown in Figure CE23-1. Copy the plate so that you have two identical figures. Using the Stretch mode of Grips, resize the holes and width of the plate as shown on Base Plate B. Label each plate. SaveAs CE23EX1.

Figure CE23-1


Figure CE23-2


## 3. Holding Tanks

Complete the drawing of Tank A in Figure CE23-3.
SaveAs TANK. Use the Stretch mode of Grips to modify the dimensions of the tank to those of Tank B. SaveAs TANKB.

Figure CE23-3

4. Azimuths

Draw a north arrow and crosshairs 5 units long as shown in Figure CE23-4. Change the Units of the drawing to use north as the angle 0 and measure angles clockwise.

Draw a Line 4 units long at $45^{\circ}$ (Fig. CE23-5). Use the Rotate with Copy option of the Grips to complete the drawing shown in Figure CE23-5. SaveAs CE23EX4.

Figure CE23-4


Figure CE23-5


