CHAPTER 25 EXERCISES

1. Rolling Offset

Set the Grid to Isometric style at 1' spacing and the Snap to 6". Draw an isometric box 4’x4’x6’ as shown in Figure CE25-1 to aid in the creation of the rolling offset. Use a Pline to draw the pipe run as shown from one corner of the box to the opposite corner. Use Donuts to create the joints. SaveAs CE25EX1.

2. Slide Gate

The slide gate shown will hold a ½" steel plate to give access to a tank. Complete the oblique and orthographic drawings shown in Figure CE25-2. Use the Polar Snap and Polar Tracking features to aid in the construction of the oblique view. It is not necessary to include the dimensions or text. SaveAs CE25EX2.

3. Anchor Block

The isometric drawing in Figure CE25-3 shows the method for securing 1½” steel grating to a 2x2 angle bracket. Complete the drawing as shown estimating any dimensions that are not given. SaveAs ANCHBLK.
4. Piping Isometric

Make an isometric drawing of the piping layout shown in Figure CE25-4. **Plot** the drawing using *Scale to Fit* on an A-size sheet. **SaveAs** CE25EX4.