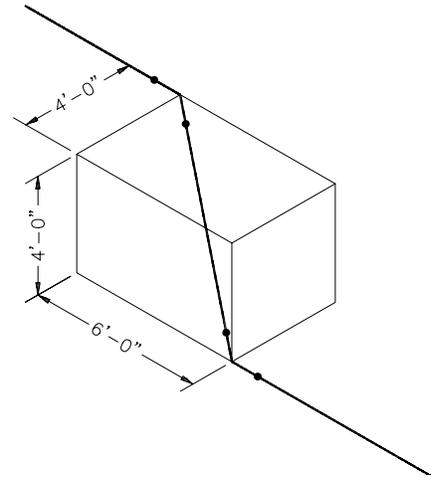


CHAPTER 25 EXERCISES

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.

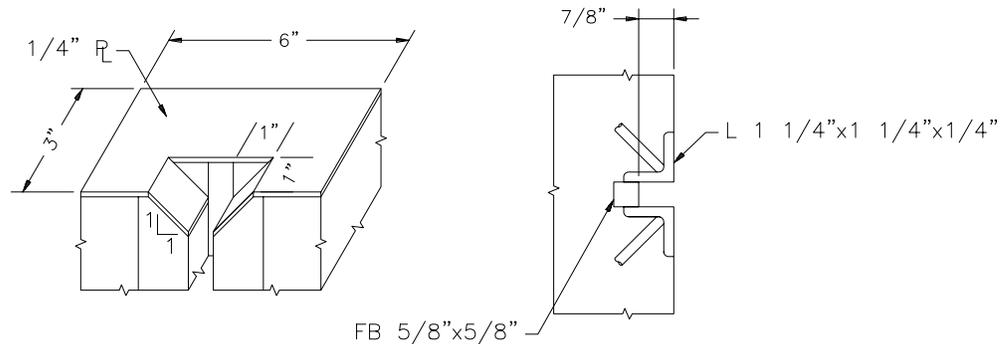
Figure CE25-1



2. Slide Gate

The slide gate shown will hold a 1/2" 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.

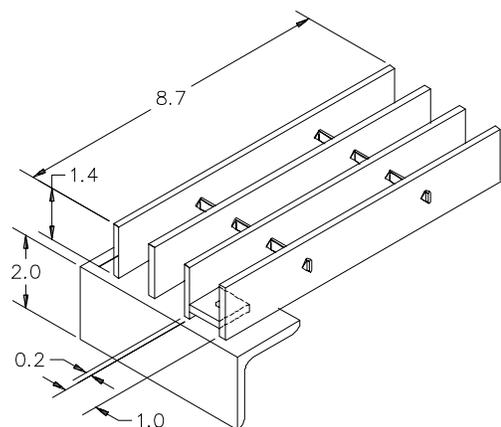
Figure CE25-2



3. Anchor Block

The isometric drawing in Figure CE25-3 shows the method for securing 1 1/2" steel grating to a 2x2 angle bracket. Complete the drawing as shown estimating any dimensions that are not given. *SaveAs* ANCHBLK.

Figure CE25-3



Anchor Block

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.

Figure CE25-4

