Draw – Locate Points Workflow

This workflow is used to draw points in the drawing from the coordinate (.crd) file.

Workflow Steps

1. Open a drawing and set the desired coordinate file (.crd). Figure 1 shows a default unique drawing name with the associated CRD file listed as NONE.
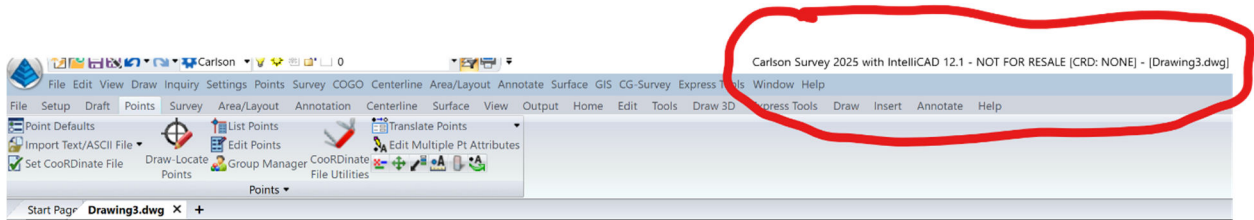

Figure 1 Default drawing name and CRD: None

2. Once the drawing been assigned a project drawing name and an associated coordinate file it will appear as shown in Figure 2.

E [CRD: PNTS_EXIST 900 S] - [900 South Street.dwg*]

Figure 2 CRD: associated CRD to Assigned Drawing name

Once Steps 1 and 2 are completed points can be shown in the drawing.

3. Using either the Ribbon or the Menu bar select the Points Tab then the "Draw_Locate points" icon. The dialog box shown in Figure 3 will appear.

Figure 3 Draw-Locate Points dialog box

Changes to the appearance of points displayed in the drawing can be made using the dialog box shown in figure 3. Such as point symbols, notes, symbol sizes, etc. While there are numerous options for the display of points in drawing which may be selected from this dialog box most the default selections will be used. The following is a brief description of the options typically altered. *(default point settings can be made by selecting the "Points" tab and the "Point Defaults" icon)*.

- **Coordinate File:** this will display the current .crd file associated with the drawing. It also allows the user to set a different .crd file.
- **Symbol Name:** by selecting "Set" a variety of predefined symbols may be used instead of the default (SPT4) symbol.
- **Layer Name:** user may select

- **Draw Range:** Allows a range of point numbers to be drawn (i.e. 18-99, etc.)
- **Draw All:** Allows all points in the .crd file to be drawn
- **Draw Point Group:** Allows points classified in a specific point group to be drawn (i.e. EP, Topo, Util, etc.). See Quick Reference Guide – Point Groups

4. Upon Selecting one of the Draw... buttons these points will be drawn.

Note: All the above allows the user to define the appearance of points to be drawn. However, this dialog box also allows the user to locate, assign, or screen pick points which will be added to the existing .crd file.

- **Enter and Assign:** Allows the user to enter a N,E, Z to be added to the crd and the drawing.
- **Screen Pick:** Allows the user to pick a location in the drawing for a new point to be created.