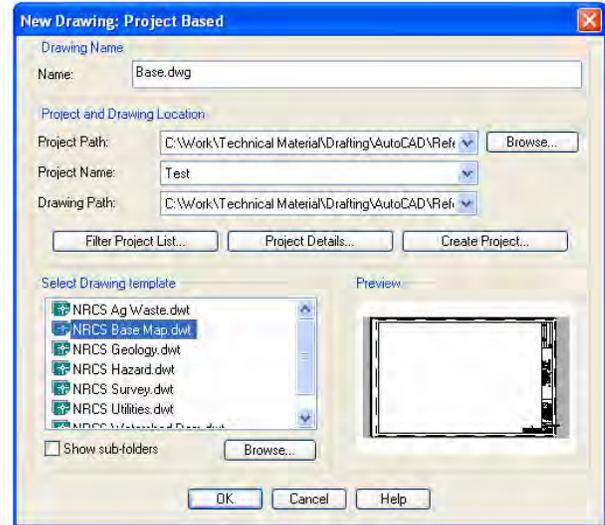
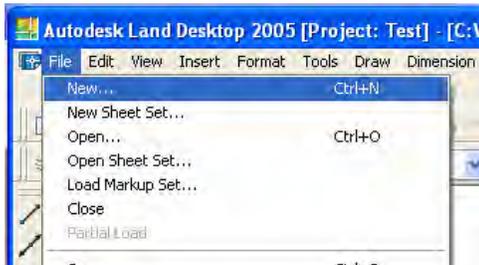


CREATING A PROJECT

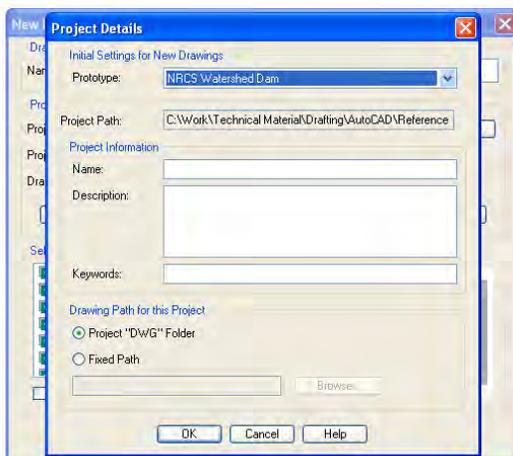
Creating projects can be automated using drawing templates and project prototypes. A drawing template is a file which can be used to store standard drawing features such as layers, text styles, dimension styles, and layouts. A project prototype stores project-specific information such as point group settings, contour styles, and settings related to creating and labeling civil objects such as alignments and profiles.

1. A new project is set up through the New Drawing: Project Based window. You access it through the New... selection under the File drop-down menu.



This is the same window that is used to create a new drawing for a project that is already created.

2. Provide a drawing name for the new drawing file that you will be creating.
3. Choose a drawing path by clicking on the Browse... button next to the Project Path in the Project and Drawing Location area. This is the folder that contains your individual projects. An example of a Project Path may be "Conservation Projects". Project names for individual projects stored under the project path could then be landowner names or some other descriptor that identifies the individual project.
4. Click on the Create Project... button

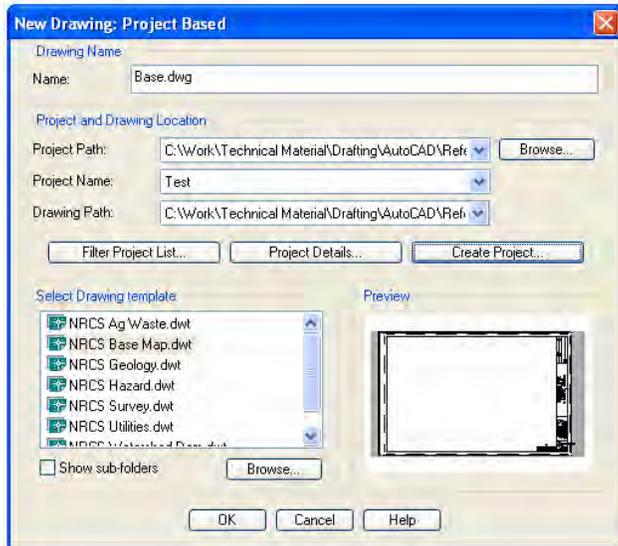


5. The Project Details window will appear. Choose the Prototype that you want to use by clicking on the down arrow in the Initial Setting for New Drawings area. Then give the project a name and a description (if needed) under the Project Information area.

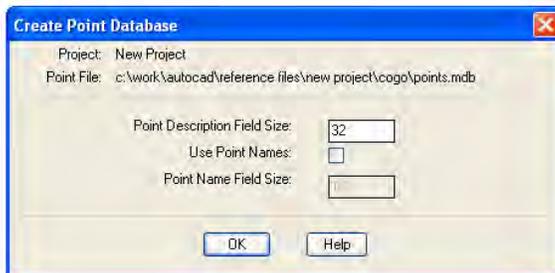
The drawing path will default to the dwg folder under the project folder, where the rest of the project information is stored, unless you specify a different path by providing one under the Drawing Path for this Project area. Click on OK when you are finished with this window.

CREATING A PROJECT

- You will now return to the New Drawing: Project Based window. Notice that the project name that you just set up now appears in the Project Name window and that the drawing path references the dwg subfolder under the Project Name path.

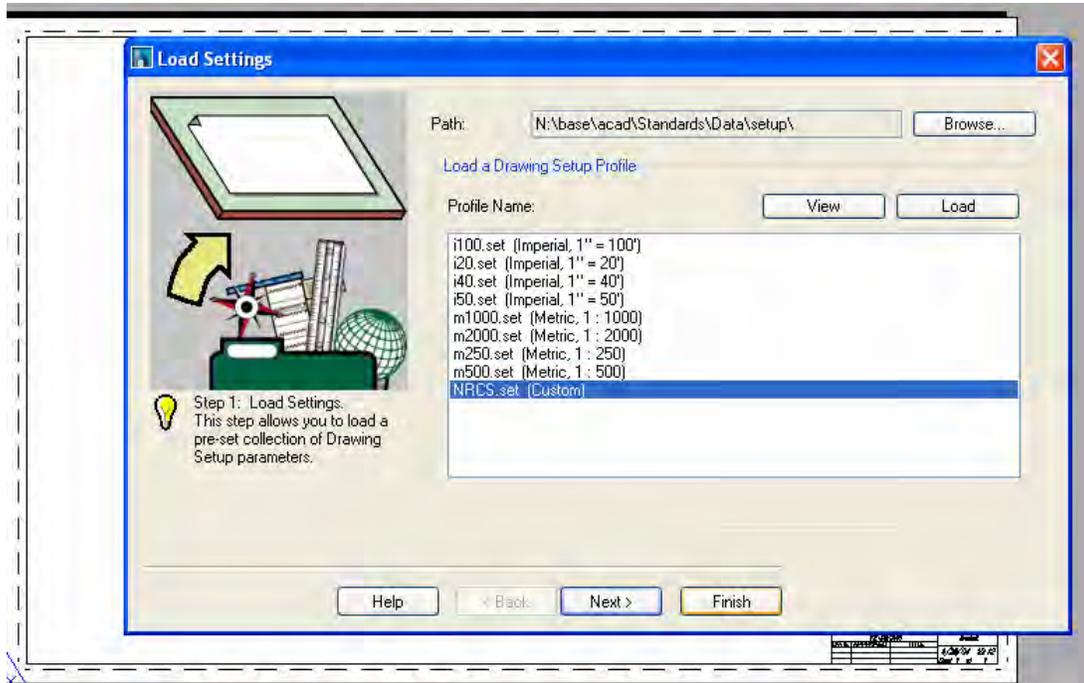


- Under the Select Drawing template area, choose a drawing template file that you want to use to set up standard drawing settings such as layers, text styles, dimension styles, and layouts in the new file that you are creating.
- Click on the OK button.
- The Create Point Database will appear. In this window, you can specify the field size for the point database file that will be created for the new project. You can also specify whether point names will be used and, if so, what size field they will have. Point names are an additional field that you can use to further customize point descriptions beyond their raw descriptions.



CREATING A PROJECT

10. The Load Settings window will now appear. There are various standard setup profiles that are included with AutoCAD, or you can create your own profile at the end of this setup process that can be used on future drawings. (This is covered in Step 17.) In this example, a custom setup profile with the name NRCS.set has previously been created. Select a profile name, click on the Load button, and then click on the Next> button.

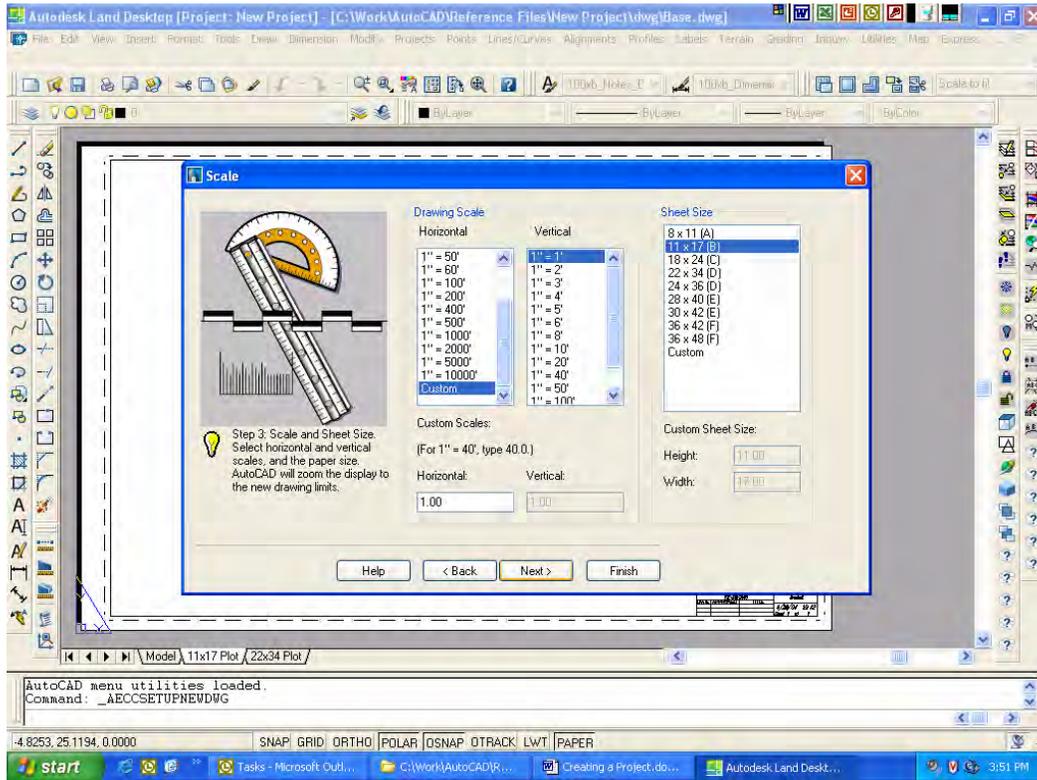


11. The next window to appear will be the Units window. Here you can select the units and display precision that will be set up as the standard settings in your new drawing. If you are using a previously created custom setup profile in Step 10, you can skip the following setup procedure and proceed to Step 18.

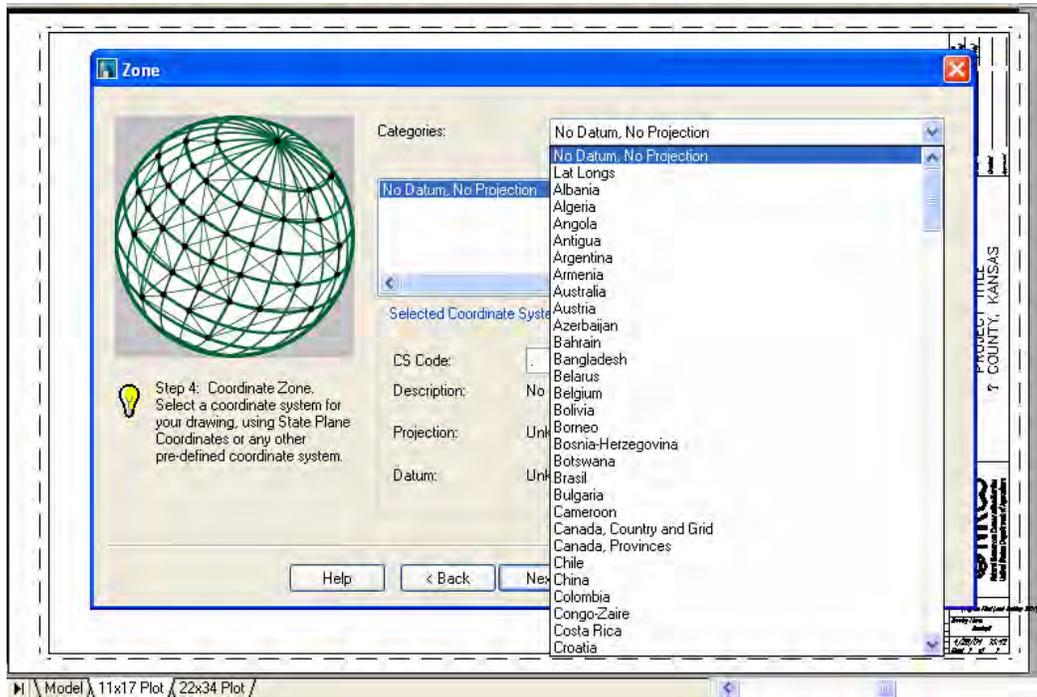


CREATING A PROJECT

12. The next window is the Scale window where you will specify the horizontal and vertical scales for the drawing and the sheet size.

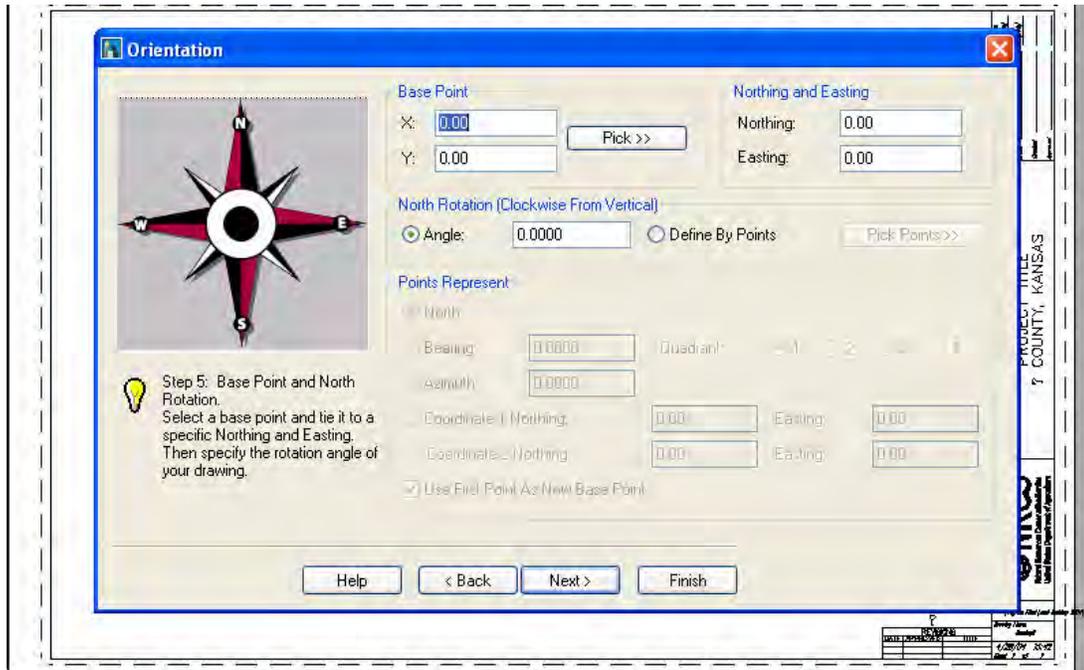


13. The next window is the Zone window where you can specify a coordinate zone for survey data associated with the project. If you are not using a pre-defined coordinate system, leave the selection at No Datum, No Projection.

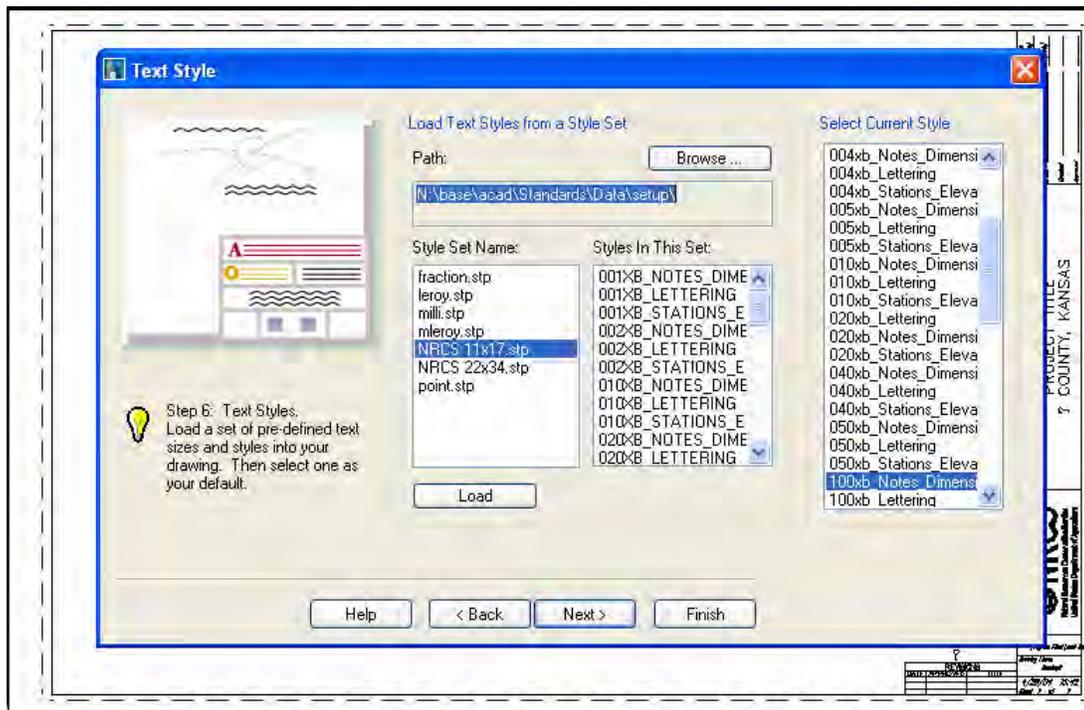


CREATING A PROJECT

14. Next, you can specify the base point and north rotation, if desired, in the Orientation window.

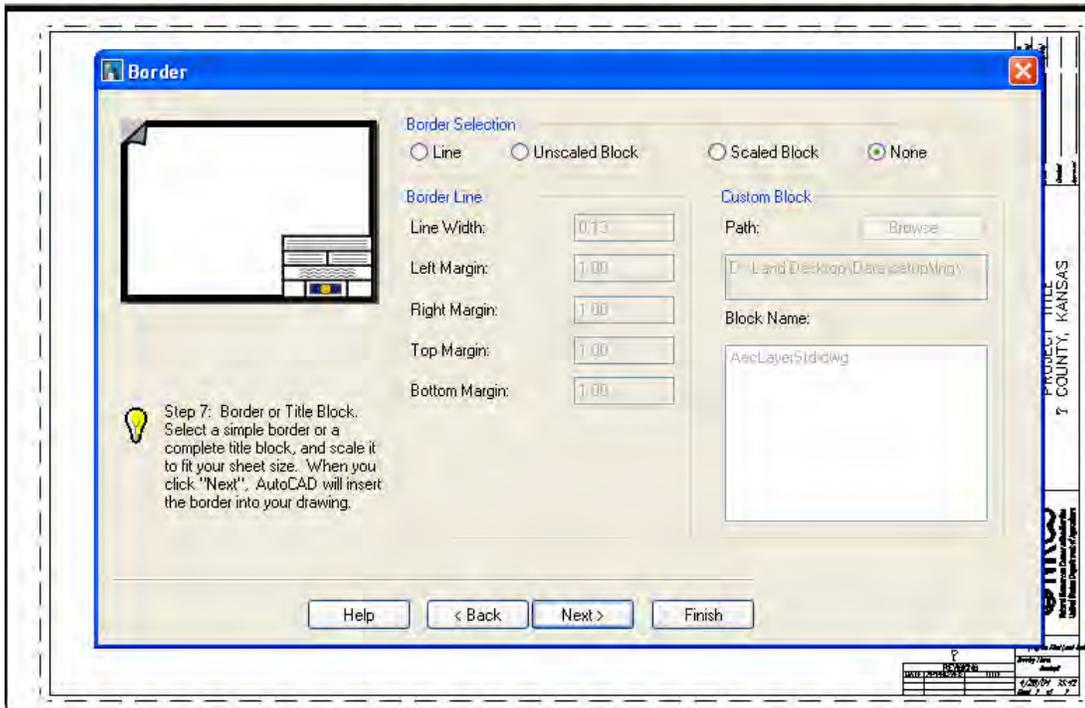


15. In the Text Style window, you can load text styles from a style set and specify the default text style for the new drawing.

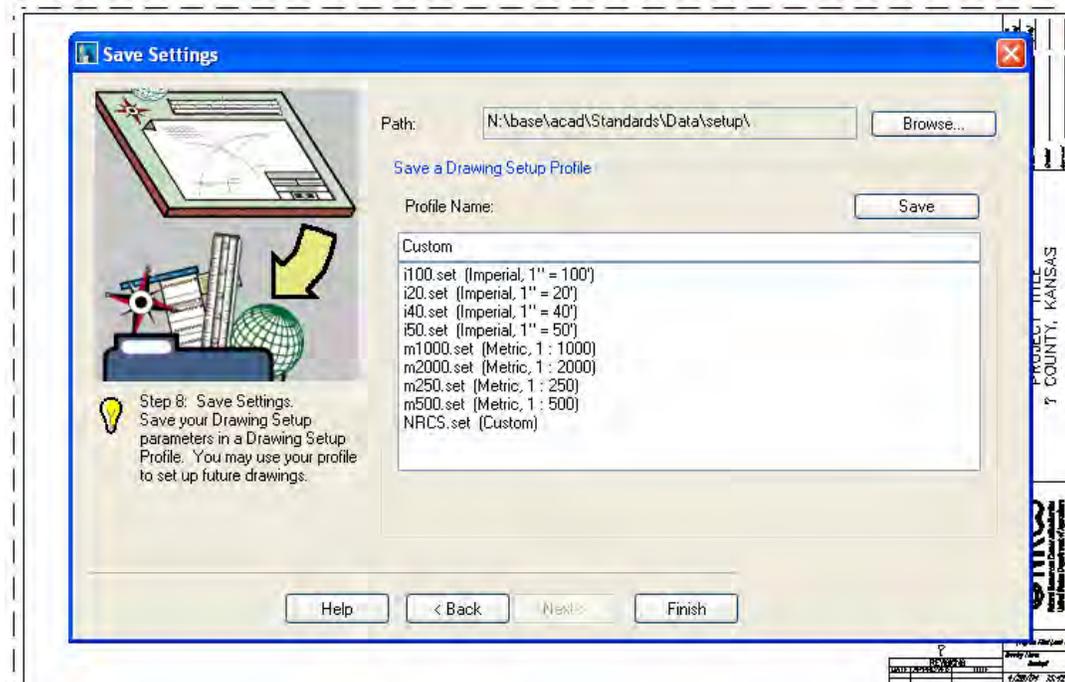


CREATING A PROJECT

16. In the Border window, you can assign a border or title block for the drawing. This is not necessary if a standard title block is included as part of the drawing template that you used when setting up the drawing file.

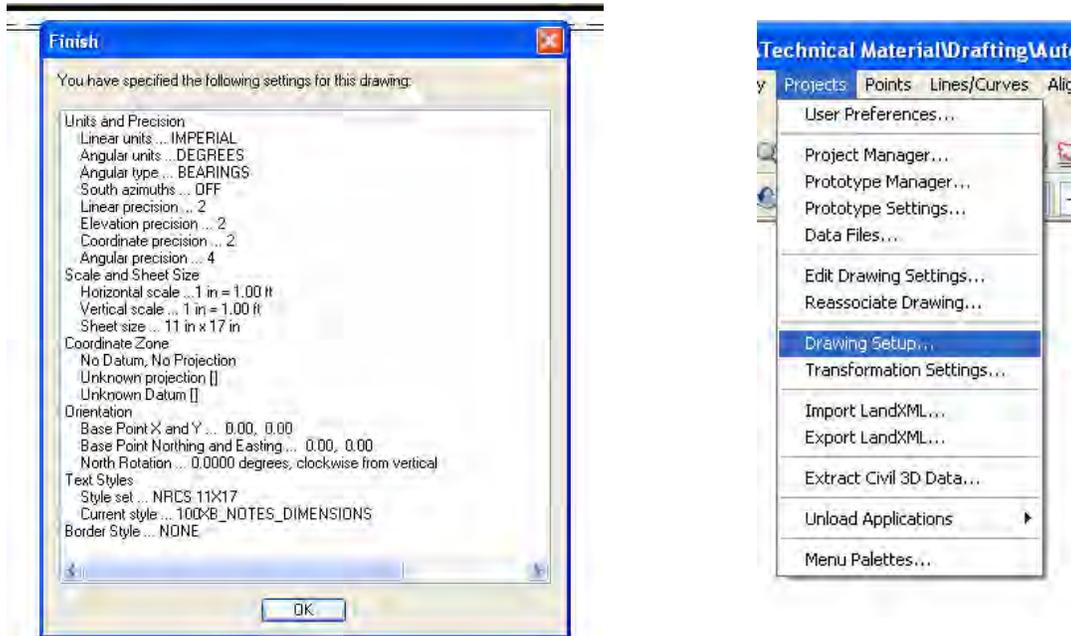


17. The final window is the Save Settings window. This is where you can create a custom profile name to use when creating new drawing files. To do this, type a name under Profile Name: and click on the Save button. Click on the Finish button.



CREATING A PROJECT

18. After you have completed the setup procedure for the new drawing file, the Finish window will appear which will display the default settings for the drawing. Click on the OK button to accept these defaults. Changes can be made to the drawing settings at any time by choosing Drawing Setup... under the Projects drop-down menu.



The new drawing file and project are now set up using the template and project prototypes that you specified in the previous steps.