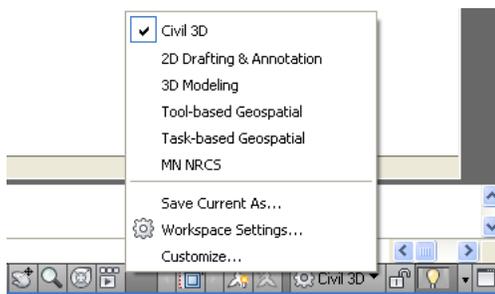


This guide covers the procedure for importing survey data from a text file containing survey point data. The point data in the text file is sorted into five columns, separated by commas, that contain the point number, the northing coordinate, the easting coordinate, elevation, and point description. This format is referred to as PNEZD comma delimited format. The point numbers in the first column of the text file must be in numeric format only, or an error will occur when you try to import the file into Civil 3D.

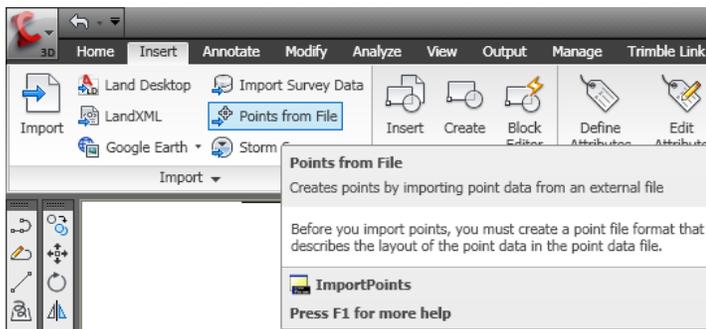
```
100,745.1372,933.2802,1275.5866,SPOT
101,695.2444,926.5438,1271.9057,SPOT
102,657.1006,932.2727,1267.7108,SPOT
103,631.4184,931.3466,1257.8583,SPOT
104,602.6458,929.6008,1253.2811,SPOT
105,566.2690,925.1058,1256.1897,SPOT
106,540.3683,923.0105,1261.0048,SPOT
107,513.2654,919.3450,1268.5872,SPOT
108,522.5083,934.3847,1264.7061,FNC
```

#### A. Import point data from the text file into a drawing

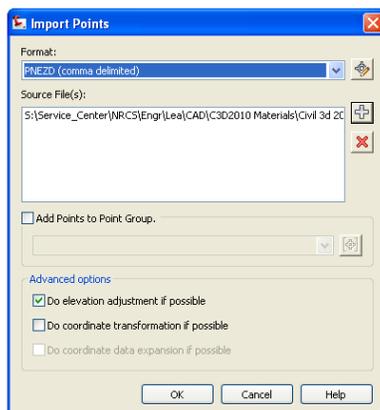
1. Make sure the Civil 3D workspace is loaded. To do this, check the workspace that is listed in the lower right hand corner of the window, as shown below. To switch a workspace, click on the down arrow next to the workspace name and select the workspace from the list.



2. Go to the *Import* panel on the *Insert* ribbon and select *Points from File*



3. The *Import Points* window will appear. Verify that the format is set to PNEZD (comma delimited)
4. Click on the plus sign to the right of the *Source File(s)* pane and select the text file that contains the survey data that you want to import. The window should look similar to the figure below.

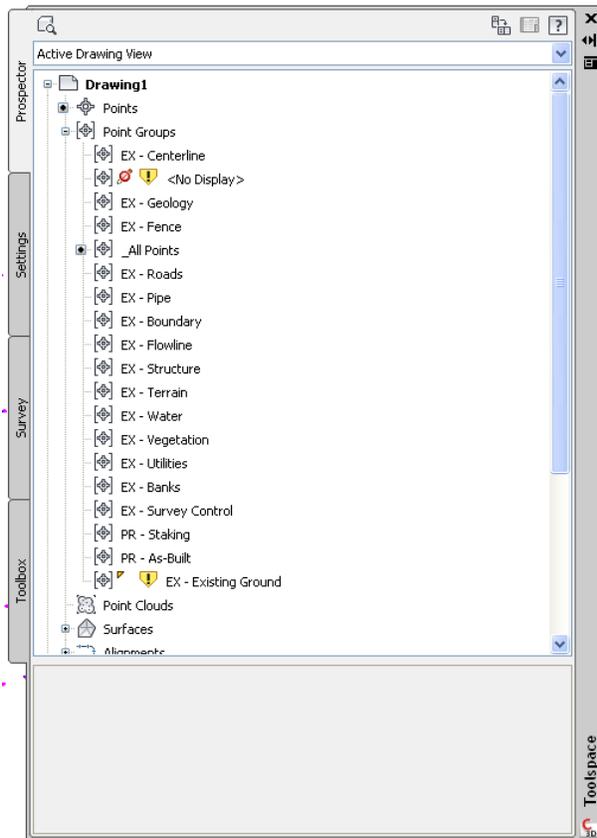


5. Click on the OK button to import the data into the drawing.
6. The point data will be imported into the drawing, although you may need to zoom out to see the point objects.

#### B. Check your point groups

1. After the point data is imported into the drawing, you may need to update the point groups to make sure the points are properly sorted. Go to the Prospector tab on the Toolspace and expand the listing of Point Groups.
2. If you see any yellow shield icons with an exclamation point inside of it beside any of the point groups in the list, your point groups are out of date and need to be updated. See the figure below and to the left. Right click on *Point Groups* and select *Update* from the menu. The point groups will be updated and the points sorted into the groups as shown in the figure below and to the right.

Before Updating Point Groups



After Updating Point Groups

