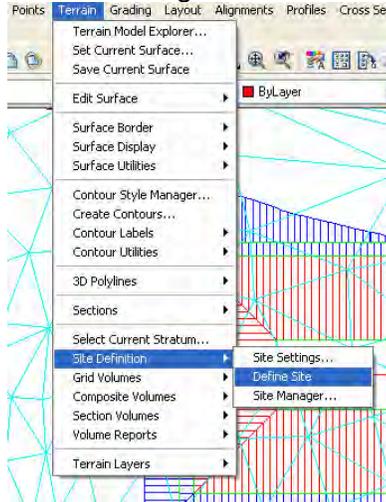


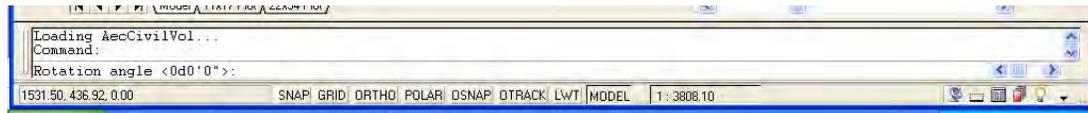
DEFINING A SITE

A site must be defined for a project before volumes can be calculated between terrain surfaces.

1. A site only needs to be defined one time unless the location or size of the site changes. To define a site, go to Site Definition under the Terrain drop-down menu.



2. At the command line, enter a rotation angle, if needed. You can specify a rotation angle if the site that you are designing is rotated with respect to north and south, or you can accept the default value of 0.



3. Next, the command line will prompt for a site base point. Use the mouse to click at a point well below and to the left of the project area. The project area will include any objects that are used for developing terrain models and contours or in volume calculations. You do not need to include things such as plotted profiles, standard details, or tables in your site definition.



4. The command line will now prompt you for a Grid M size. This corresponds with the x-axis of the site, taking into account the rotation value that you specified in Step 2 above. A rule of thumb for the Grid M size is a value equal to the average spacing of your survey points. In this example, the typical spacing of the grid pattern or survey shots is 50 feet so a Grid M size of 50 was chosen.

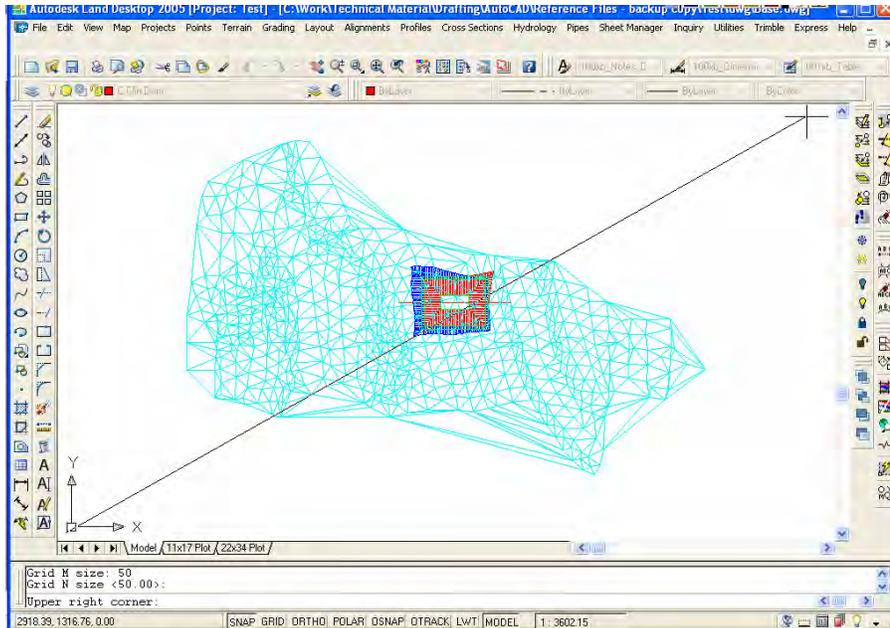


DEFINING A SITE

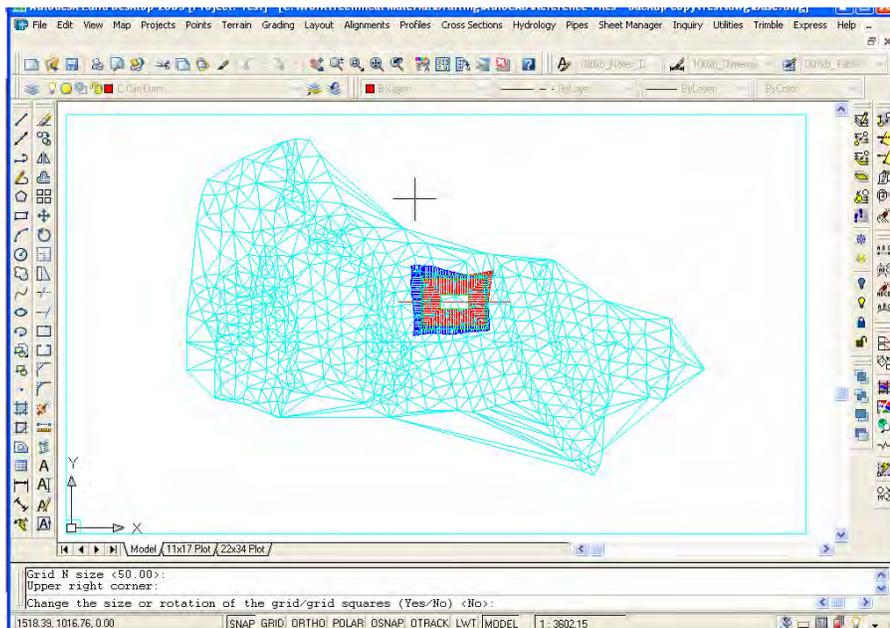
- Next, you will be prompted for the Grid N size. The default value will be the value that was entered for Grid M size, or you can specify a different value.



- The command line will prompt for the upper right corner. Use the mouse to choose a location well above and to the right of the project area. A line will display on the screen from the point selected for the base point in Step 3.

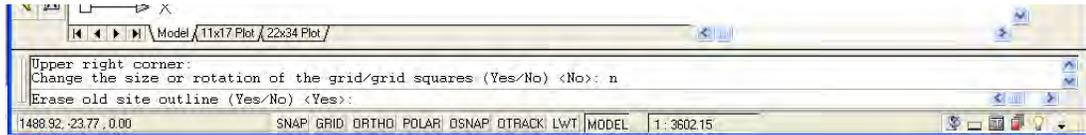


- A box will appear on the screen showing the boundary of the site. The command line will ask if you want to change the size or rotation of the grid/grid squares. If the boundary box is outside of all of the project area and you do not want to change any of the other settings, type N at the command line.



DEFINING A SITE

- The command line will prompt to erase old site outline. Type Y if this is the first site to be set up or if a new site has been defined.



- The command line will prompt for a site name. Type a name and hit Enter to finish the process of defining the site.