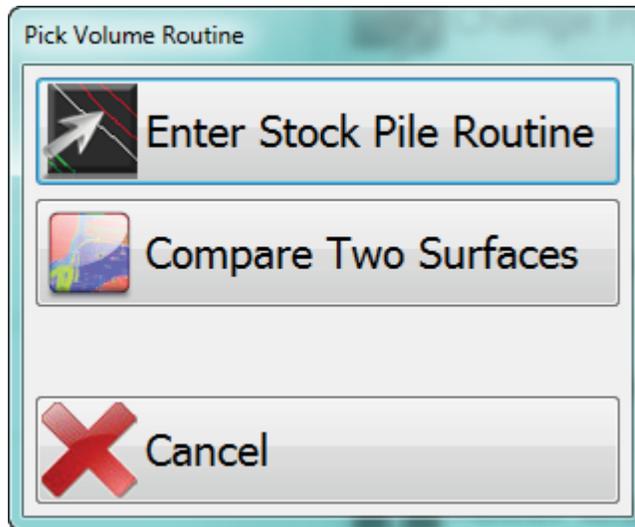


Volumes

Volumes is a feature which calculates quantities such as material, area, and cut/ fill comparisons. It also gives you the ability to print .pdf reports including calculations, mapped perimeters, and 2D & 3D graphical surface comparisons.

You have two options for figuring volumes when entering the Volumes routine.

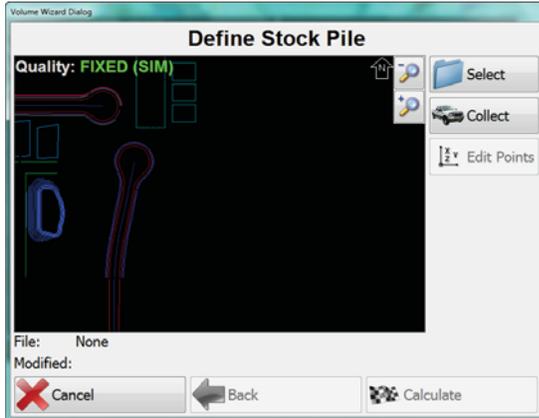


Calculating a Stock Pile is easier than ever. You simply chose the stock pile routine, drive or walk the entire stock pile including peaks, valleys, and base perimeter, hit calculate, and you're finished. You can save the report and print it out when you are back at the office.

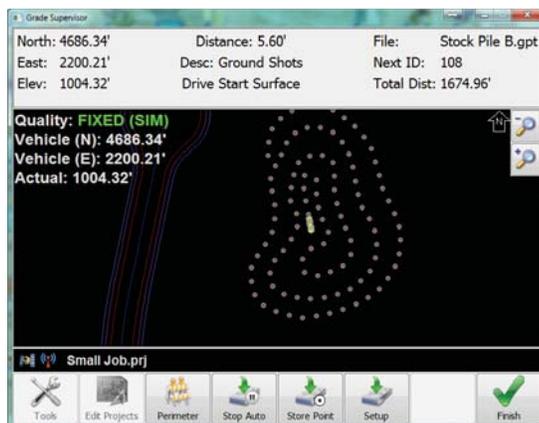
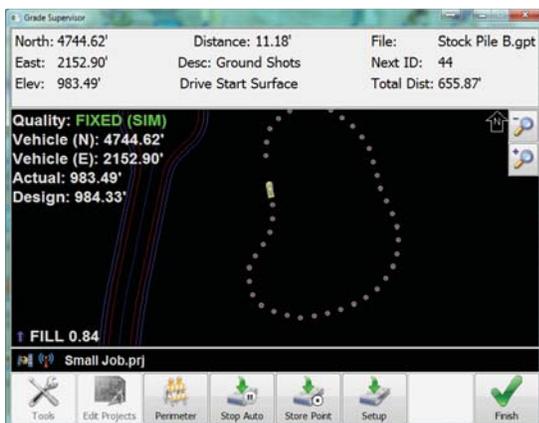
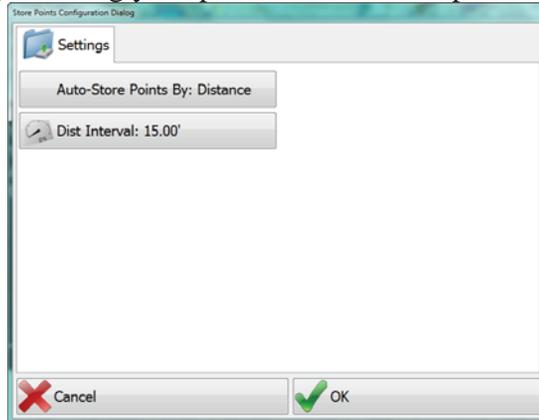
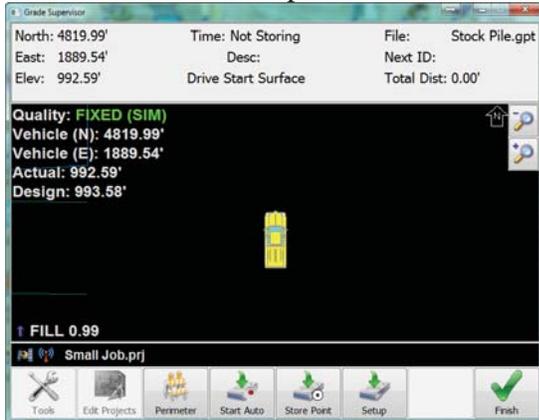
Define your stock pile by driving or walking it.

SiteMetricx

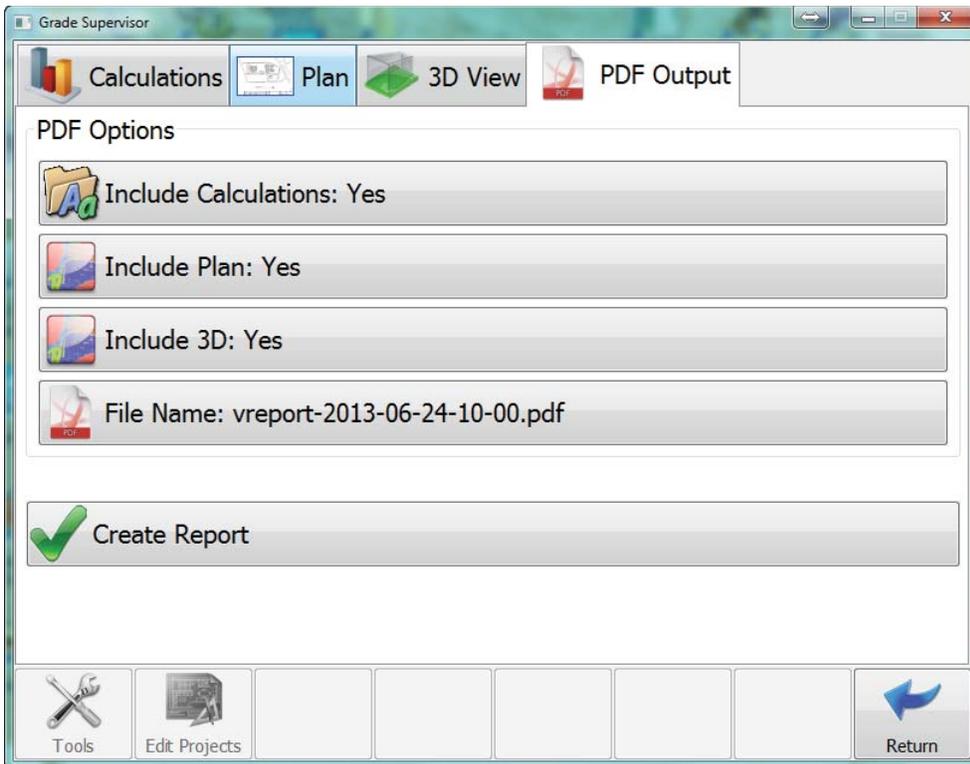
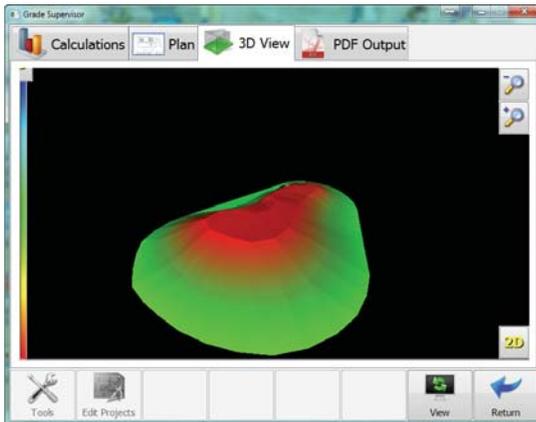
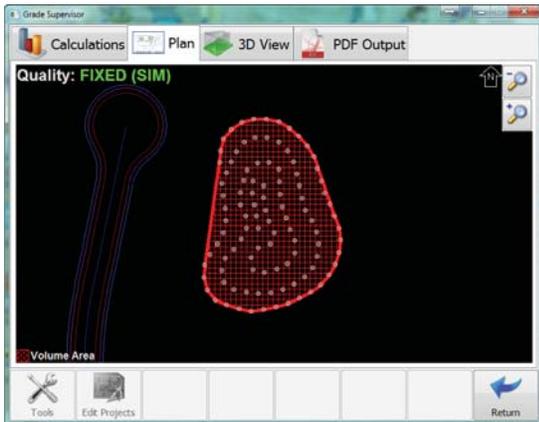
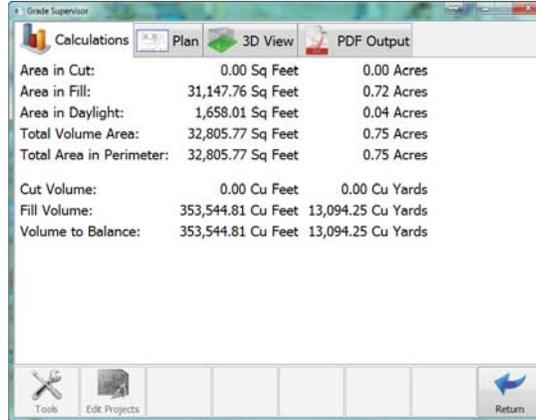
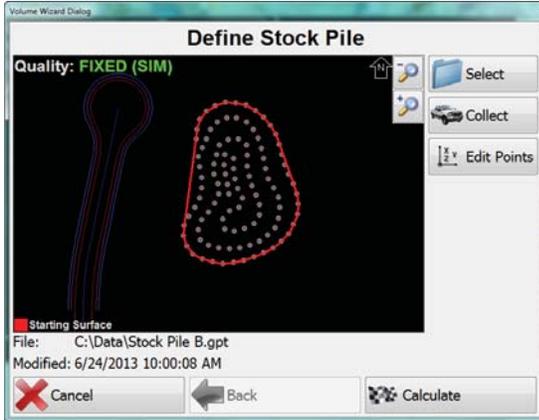
1. Select a file to use if the stock pile has already had a topo performed
2. Choose Collect to create a new file to store information.



You will need to first setup the way you want your topo points to be stored. To do so, choose setup from the following screen. After setting up how the points will be stored, hit OK and Finish. You can now press Start Auto to begin storing your points for the stock pile.



Once you feel you have covered the stock pile in it's entirety, press Finish. From here you select Calculate and wait for the results. If you wish to store this report for future, you can choose what you want to be saved in the report and how.

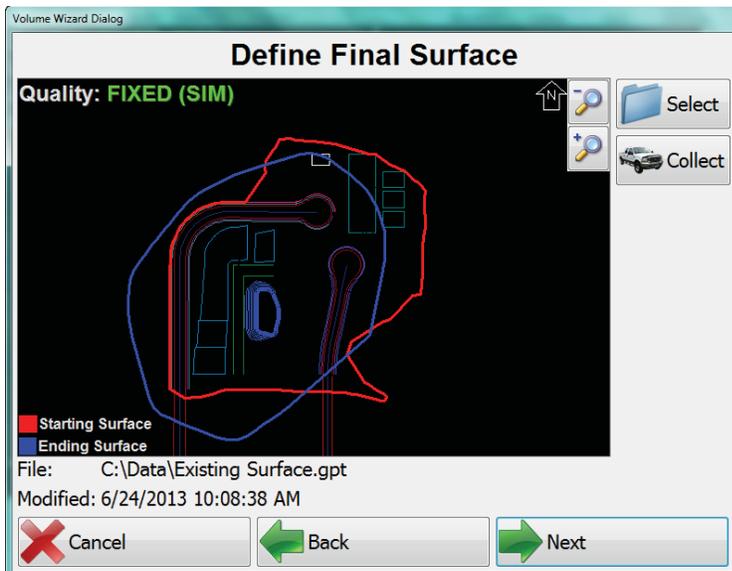
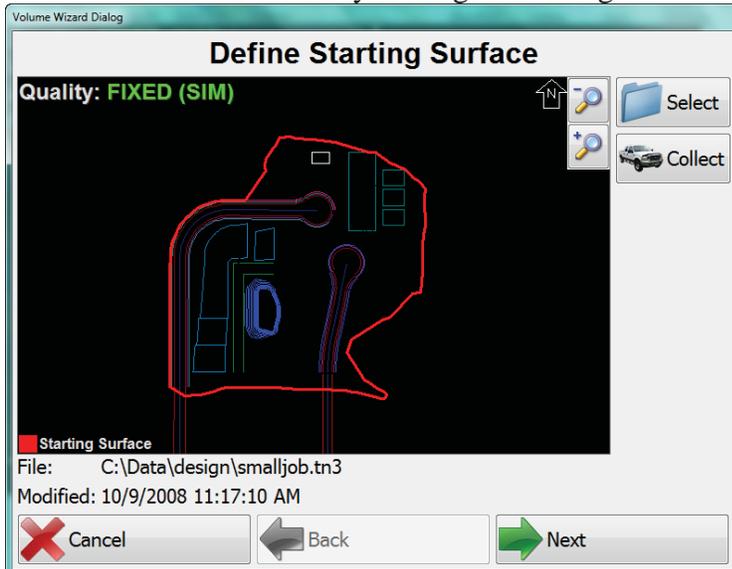


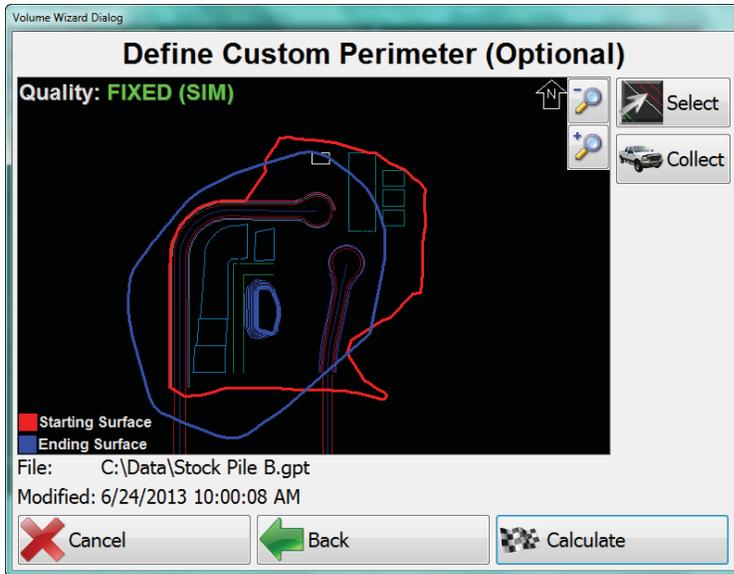
SiteMetricx

Once you have the information the way you want it, press Create Report and you are finished. The report will be stored in C:\Data\reports

Calculating a Volume using Compare two Surfaces routine

The first screen ask to Define the Starting Surface. You can Select an existing surface from a file or Collect the surface by driving or walking it.





You can choose (optional) if you want to create a custom perimeter. If you choose to skip this step, a perimeter will be created using the outer most points of your stock pile. If you choose to provide custom perimeter, your options are:

1. Select From File – select an existing perimeter file
2. Pick From Plan View - click on an enclosed 3D polyline to use as perimeter
3. Draw – using your finger touch areas on the screen to create points that will be connected together by a line to enclose you volume area.

When finished, press Calculate. SiteMetrix will ask if you want to add weight for your calculation. If you know the weight of your material (such as garbage) you can enter this hear to get an additional weight report added into the calculation.

