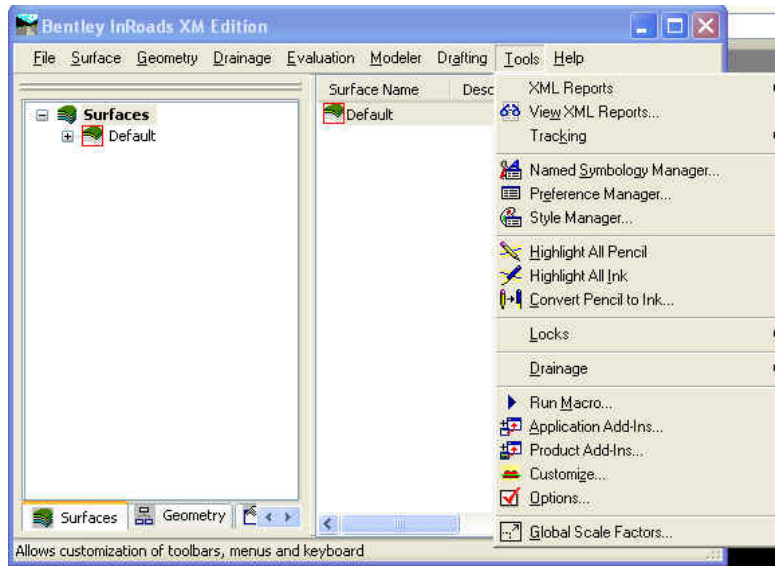


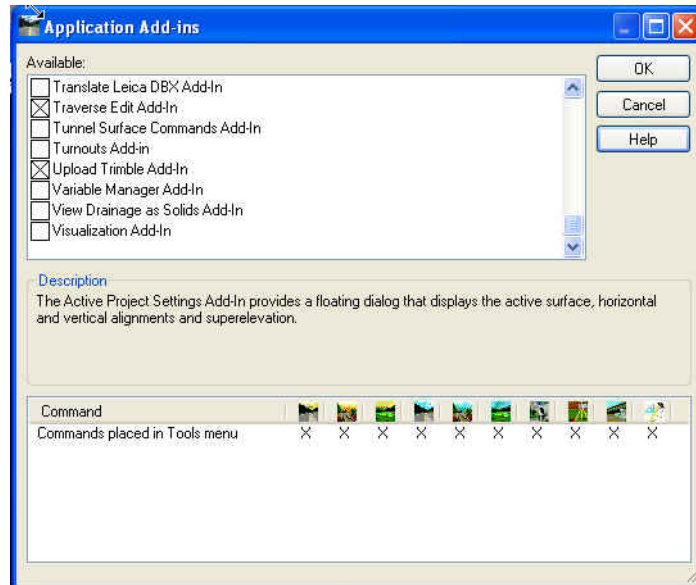
INSTRUCTIONS FOR CENTER LINE AND DTM EXPORTS FROM INROADS TO SURVEY CONTROLLER USING UPLOAD TRIMBLE ADD-IN TRANSLATOR

Note: Open Microstation and Inroads. Open ALG and DTM files.

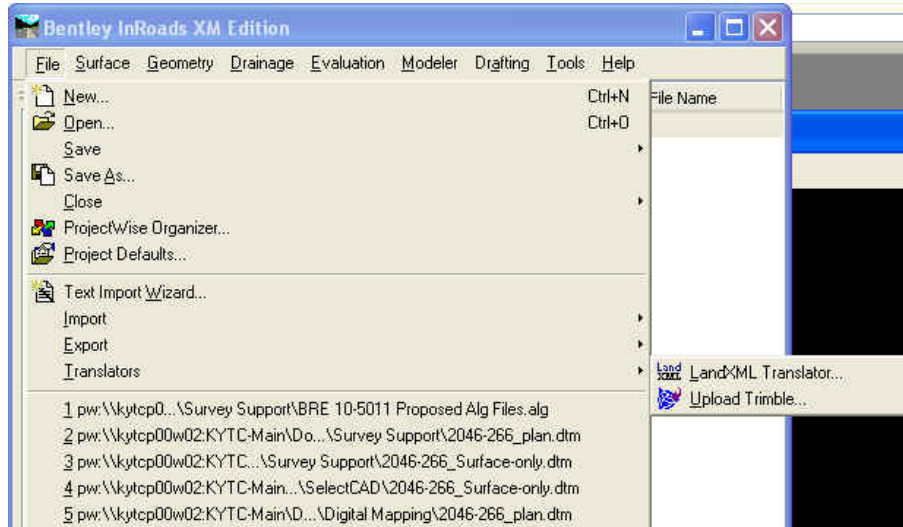
Before the Translator can run an Application Add-In has to be activated from the Inroads Tool.



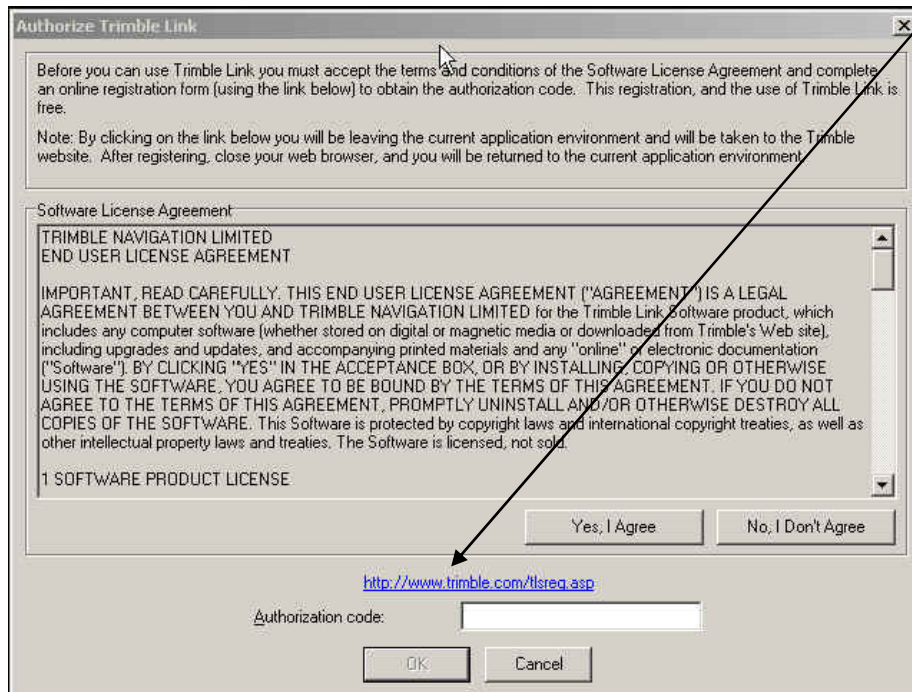
The Application Add-in should be 3rd or 4th from the bottom of the list. Select OK



From the File drop down list select Translators then Upload Trimble.



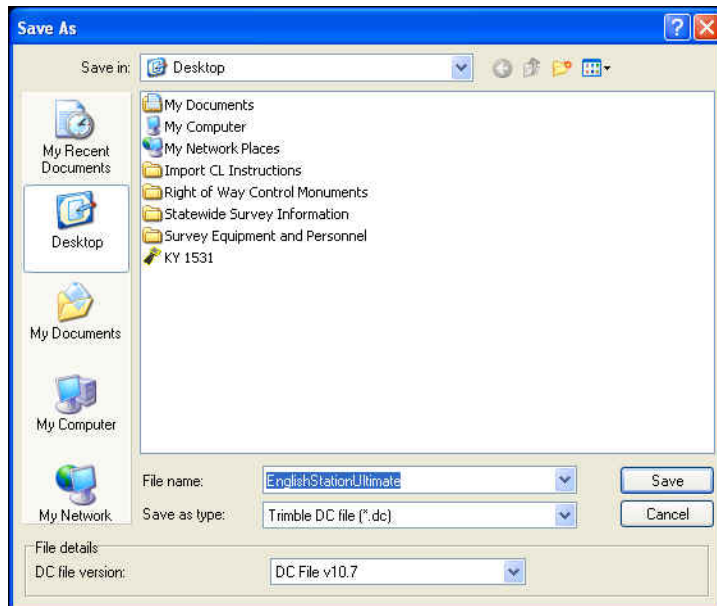
Note: When Apply is selected a registration notice from Trimble will pop up if this is the first time using this Add-in. Fill out the registration and agree to the User Agreement. A key code will be given to you to place in the Key in box. Select Ok (you should only have to do this once). Click on the link, register and type in your Authorization code.



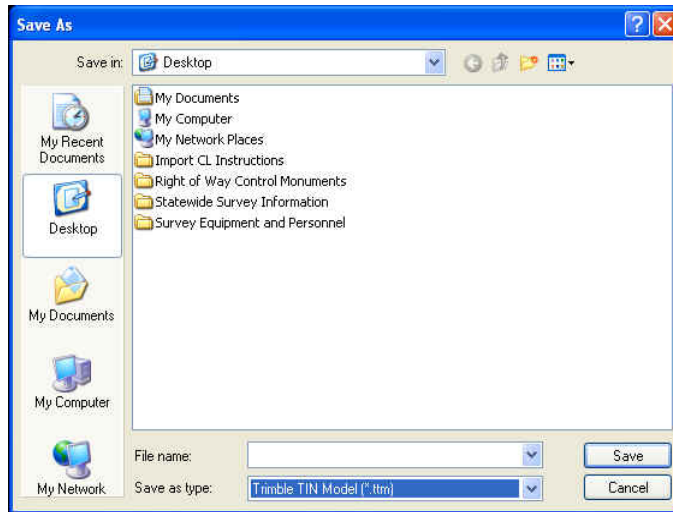
Select the alignment that is to be staked out. Make sure the Linear Units are US Feet then Apply.



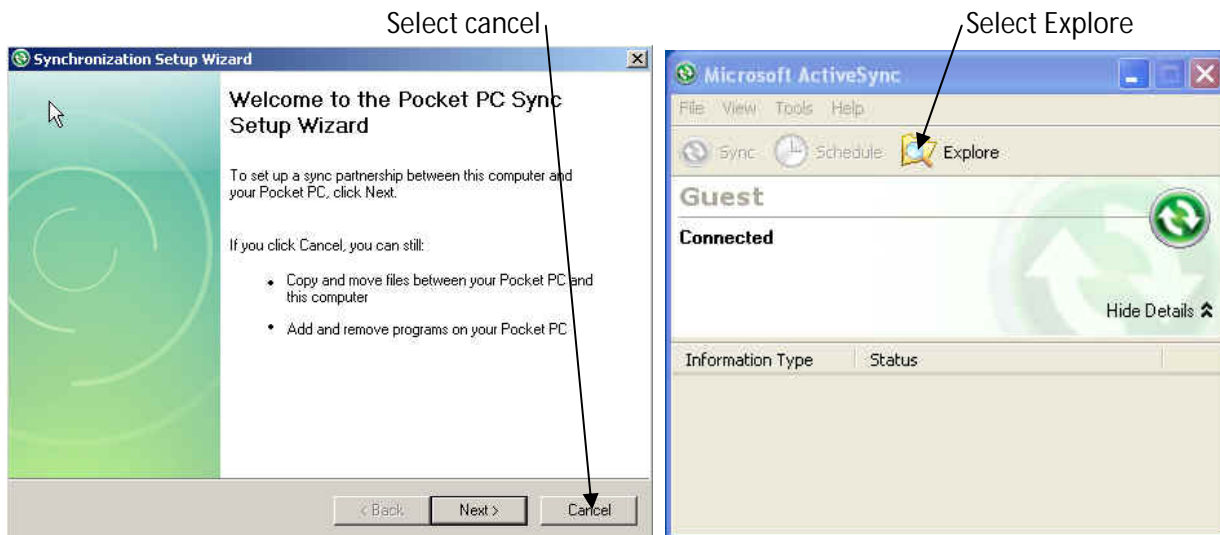
English Station Ultimate was the Center Line selected and saved as a Trimble DC file in DC File version 10.7. The file is being saved to the desktop but can be saved in a folder or another drive.



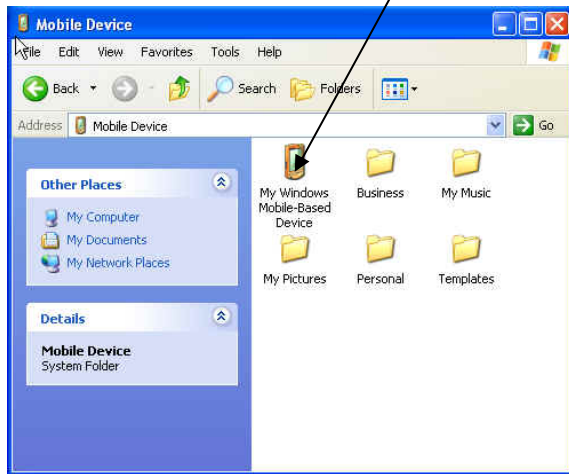
The next panel that pop's up will have a TTM extension (Trimble Terrain Model). Select Cancel if you are only importing Centerlines. The TTM file extension is created from the active DTM in Inroads. Save your named TTM file to the desktop or folder where it can be easily found. Once saved select cancel.



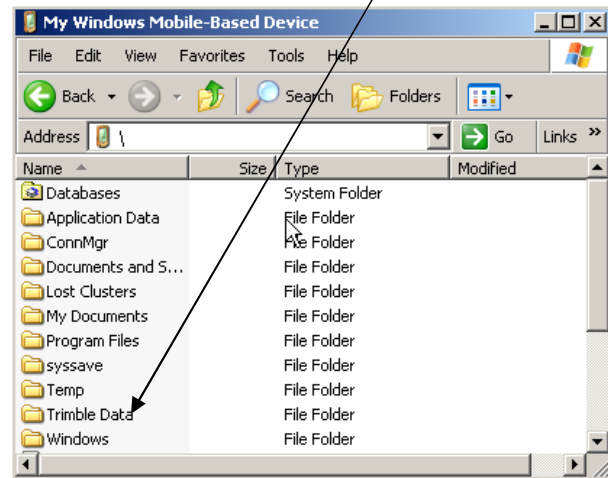
Connect your Trimble Controller to your desktop or laptop computer and turn it on. Active Sync should have detected your controller and a connection panel will pop up.



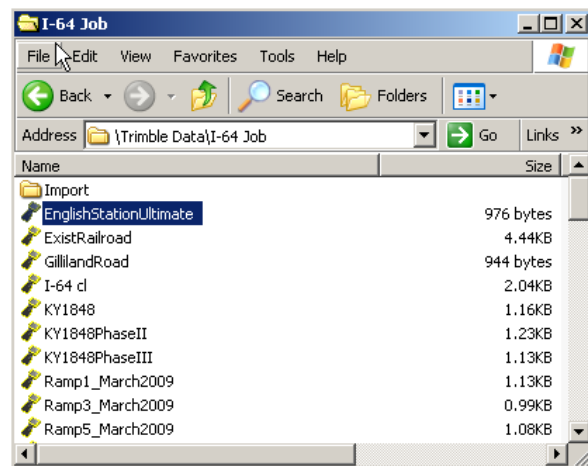
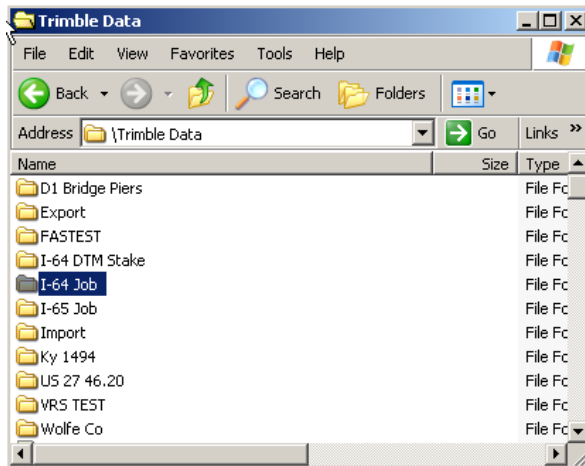
Select My Windows Mobile Device



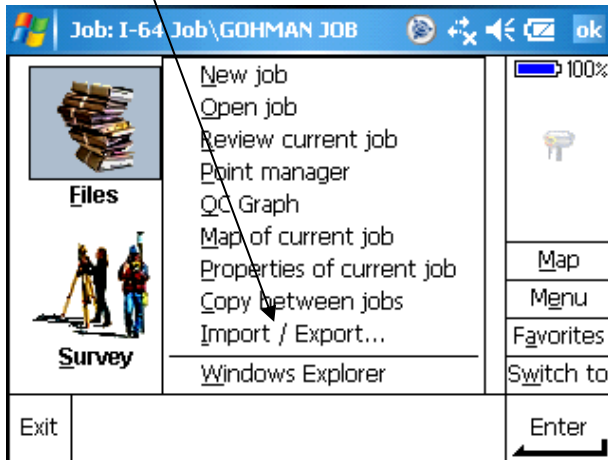
Select Trimble Data Folder



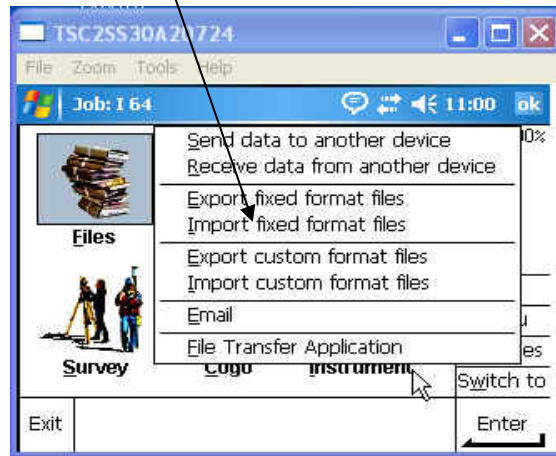
Drag and drop the created DC file into your job folder. Typically a DC file will have a mini controller for an icon. If you are going to stake out a DTM drag and drop it into the same folder. Close the window and go back to the Controller.



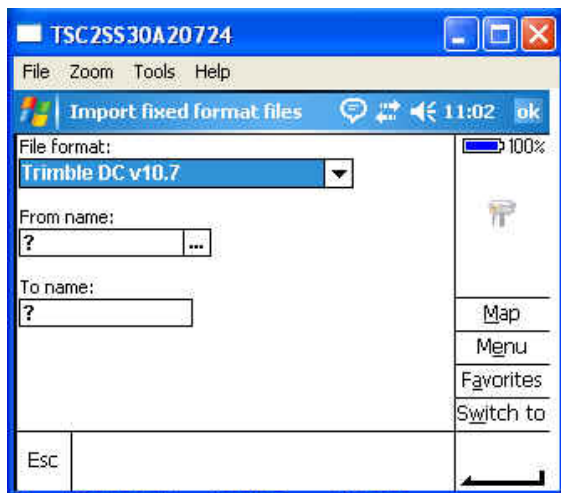
From the controller main menu select Files and drop down to Import/Export.



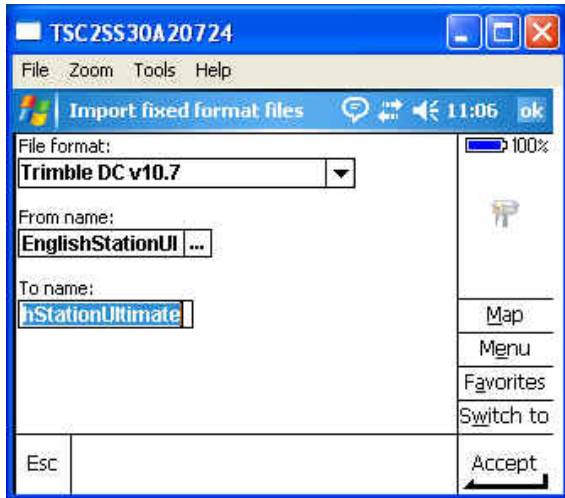
Select Import fixed format files



From name select the DC file name that was saved on the desktop or folder.



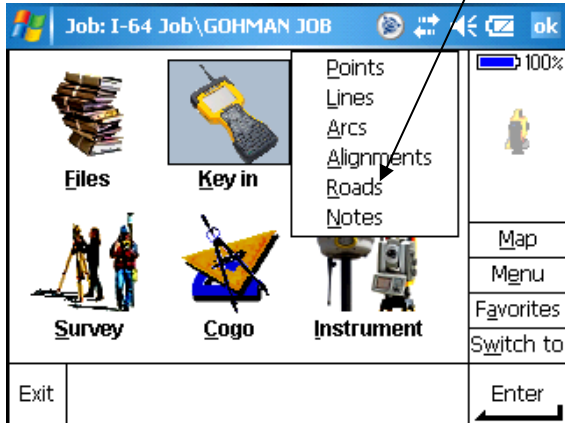
Once the DC file in the "From name:" is selected the "To name:" will populate the key-in with the same name unless you change it. Tap Accept. This will bring you back to the main survey controller menu.



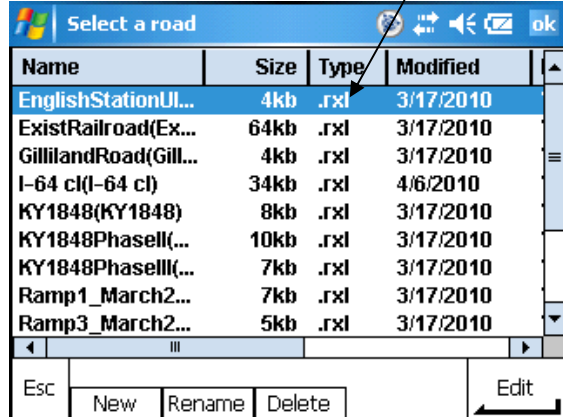
BEFORE YOU GO TO THE FIELD CHECK THE HORIZONTAL AND VERTICAL ALIGNMENT IMPORTED!

SEE NEXT PAGE.

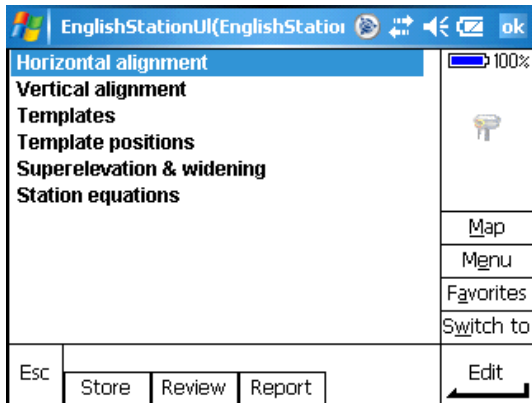
From Main Menu Select>Key in>Roads



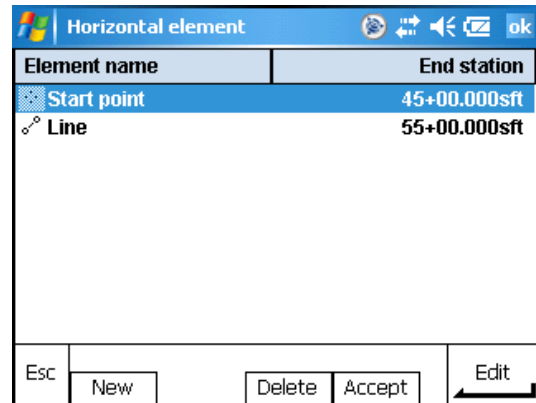
Select road then tap Edit. (notice rxl extension)



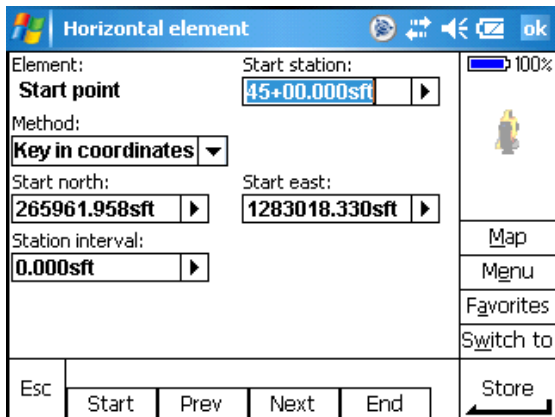
Select Edit to view Horizontal Alignment points



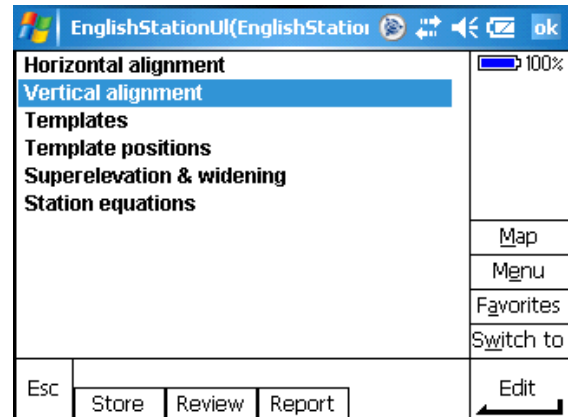
Tap Edit



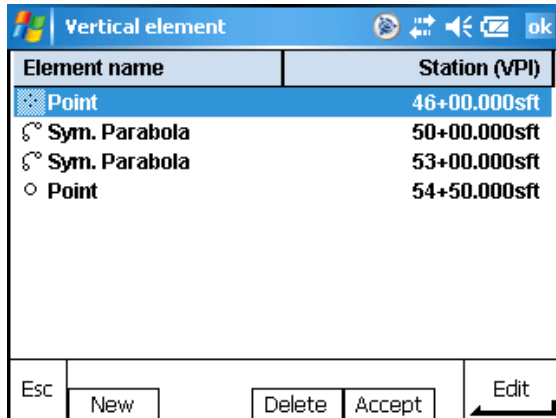
Check Coordinates with the plans. Tap Esc.



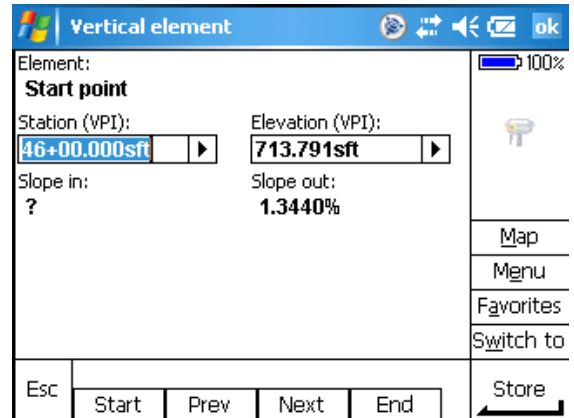
Check the Vertical alignment. Tap Edit



Check the Vertical components. Tap Edit.



If it checks Tap Esc.



Tap Esc on each panel until you come back to the Main Menu.