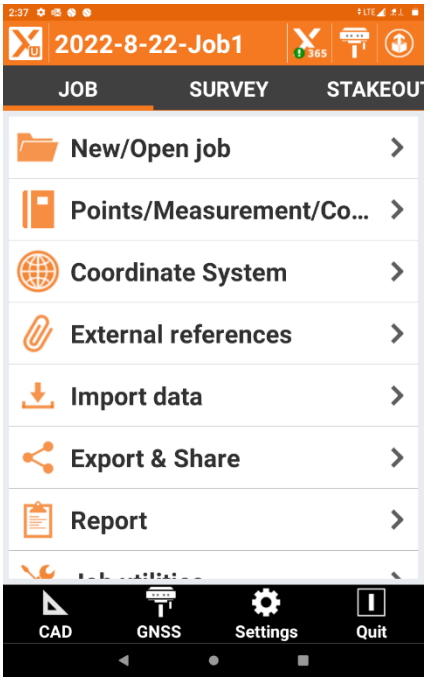
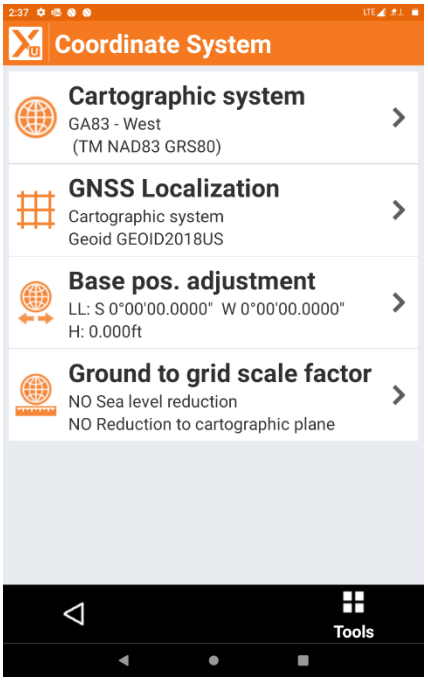
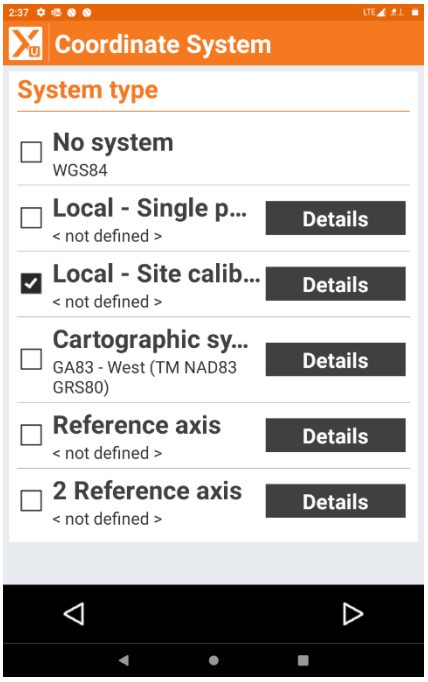
How to Perform a Site Calibration Localization in X-PAD Ultimate



Open Job in XPAD Ultimate and Select Coordinate System

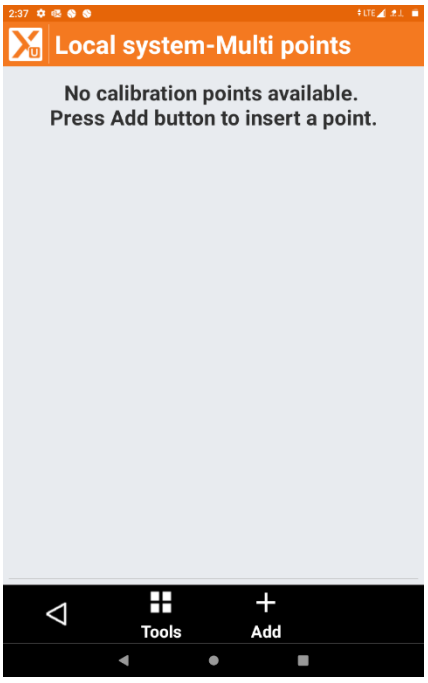


In Coordinate System Select GNSS Localization



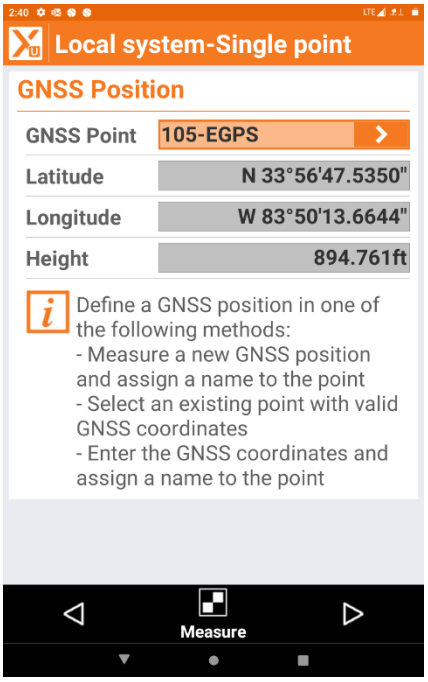
In System Type Select Local – Site Calibration

Select arrow to right on bottom of screen right corner.



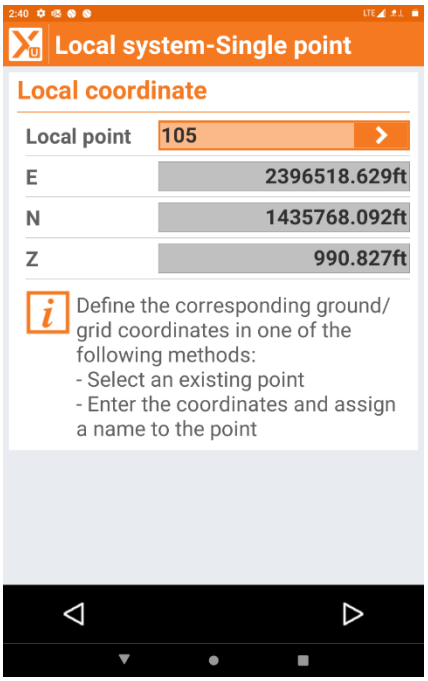
In Local System – Multi points

Select Add (+)



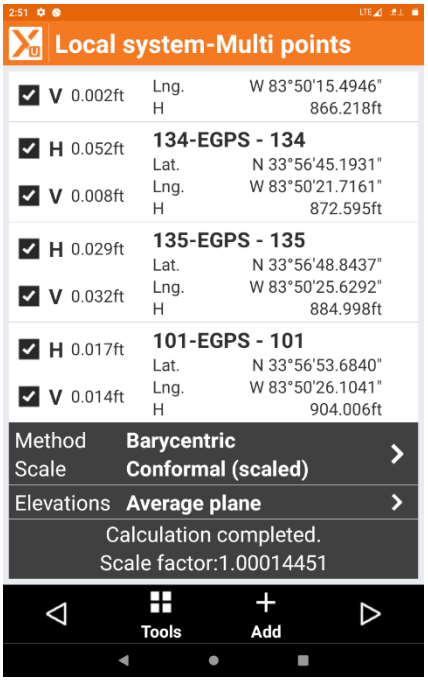
First, you add your GNSS Observation Point. In this example I have observed all the control points prior to performing a site calibration. You also have the option to observe the point.

Select the arrow to the right at bottom of screen after entering the observed information.



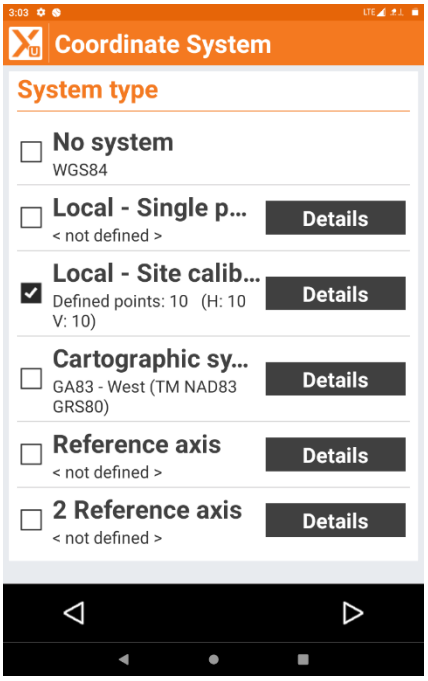
Next add the Local Point (position you are calibrating to).

Then select the arrow in the bottom right corner.



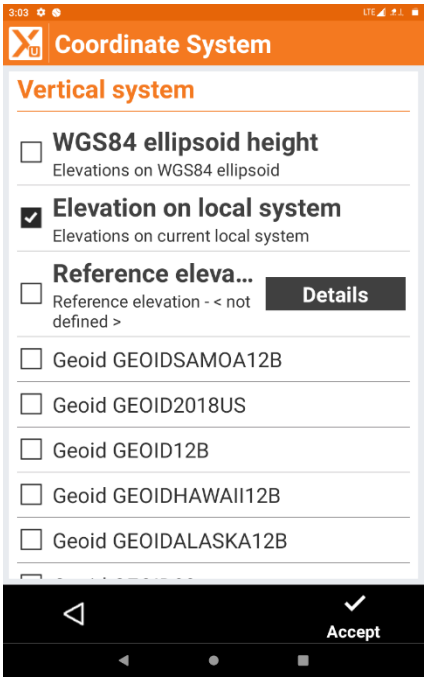
Once you have entered all points you will see a Calculation Completed Message. It will also display your Scale Factor.

Select the arrow at the bottom right of the screen.



You will then be taken to the Coordinate System Type.

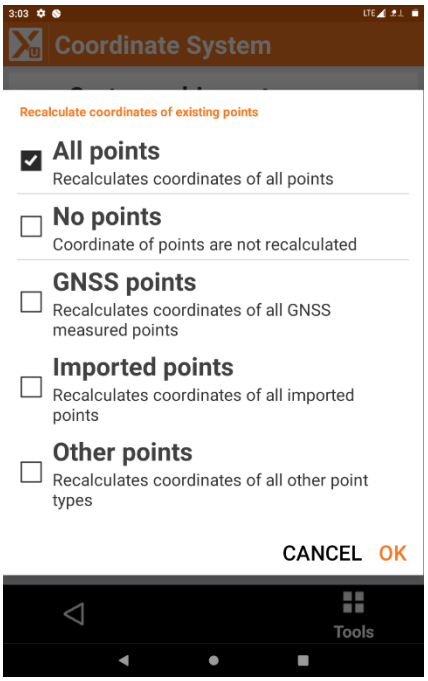
Select Details and arrow at right bottom of screen.



You will then be prompted to select the Vertical System.

In this example I have chosen Elevation on Local System as I have selected to calibrate Horizontally and Vertically.

Select Accept.



You will now be asked to recalculate the coordinates of points.

Select GNSS Points. This will calculate all GNSS Observations and perform a Best – Fit Solution onto your Local Coordinates.

Select OK to perform the complete the Site Calibration.