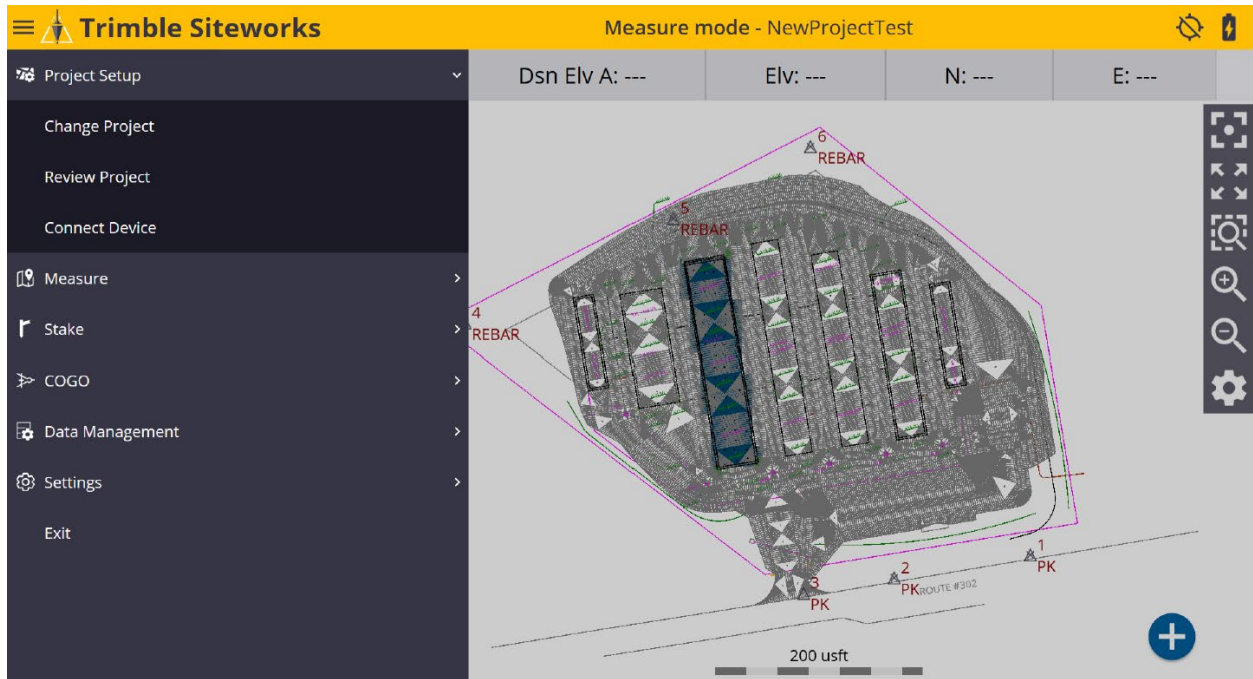
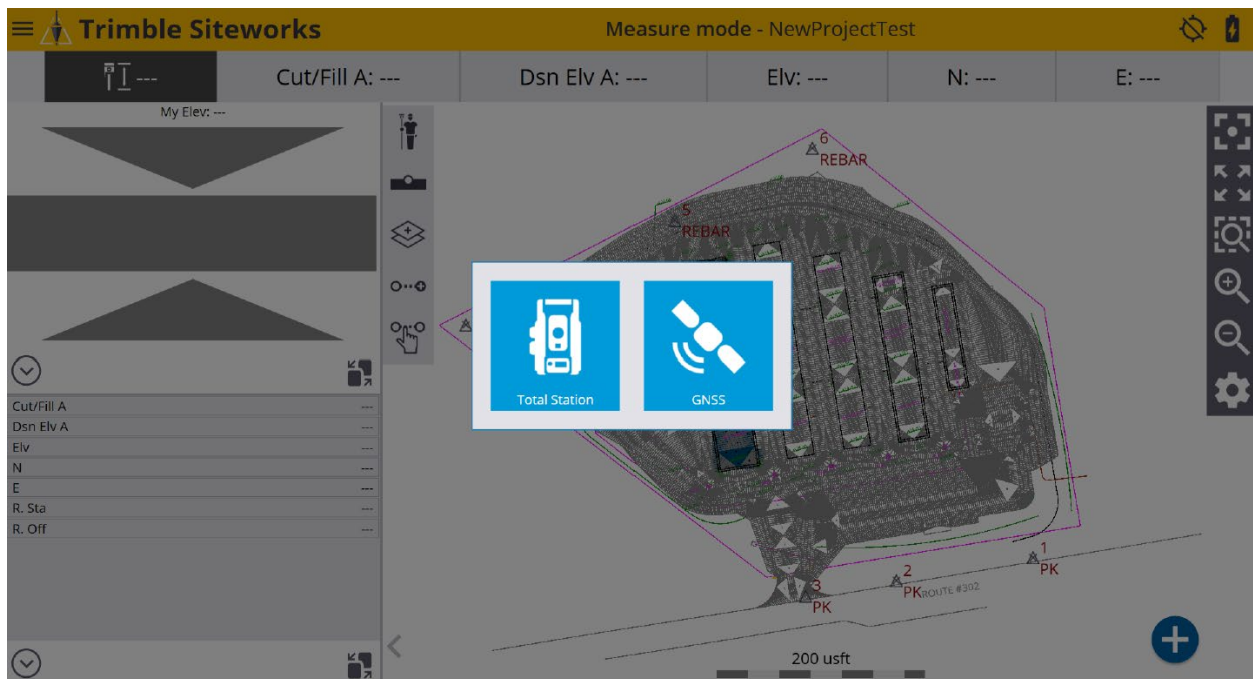


Start Base 900Mhz after Site Calibration:

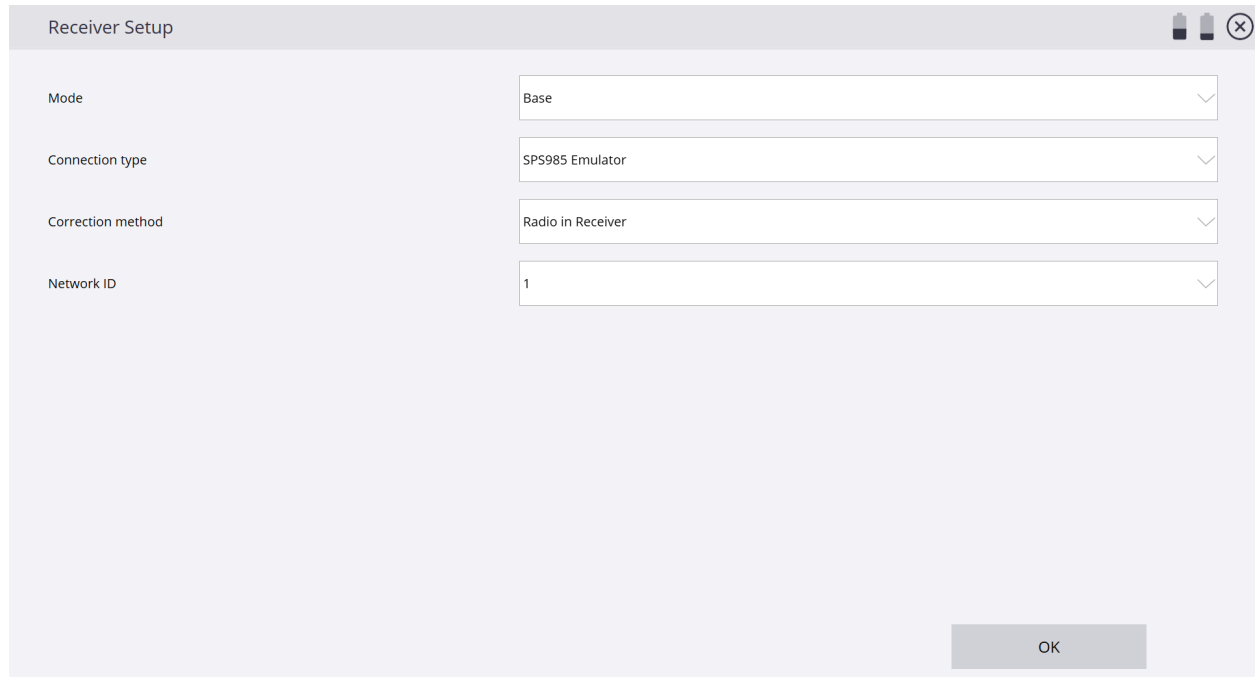
*On the Siteworks upper left main screen tap the **3-Bar Hamburger Icon** and select **Connect Device**.



*In **Connect Device** tap on the blue **GNSS Icon** to enter the **Receiver Setup** screen.



*On the **Receiver Setup** screen select **Base** from the drop-down list in the **Mode** window. Configure the **Connection type** (*Bluetooth, Cable or Emulator*), **Correction method** (*Radio in Receiver, Wi-Fi, IBSS, External Radio, 2.4Ghz Georadio*) and **Network ID** (*Radio Channel*) in their corresponding windows.

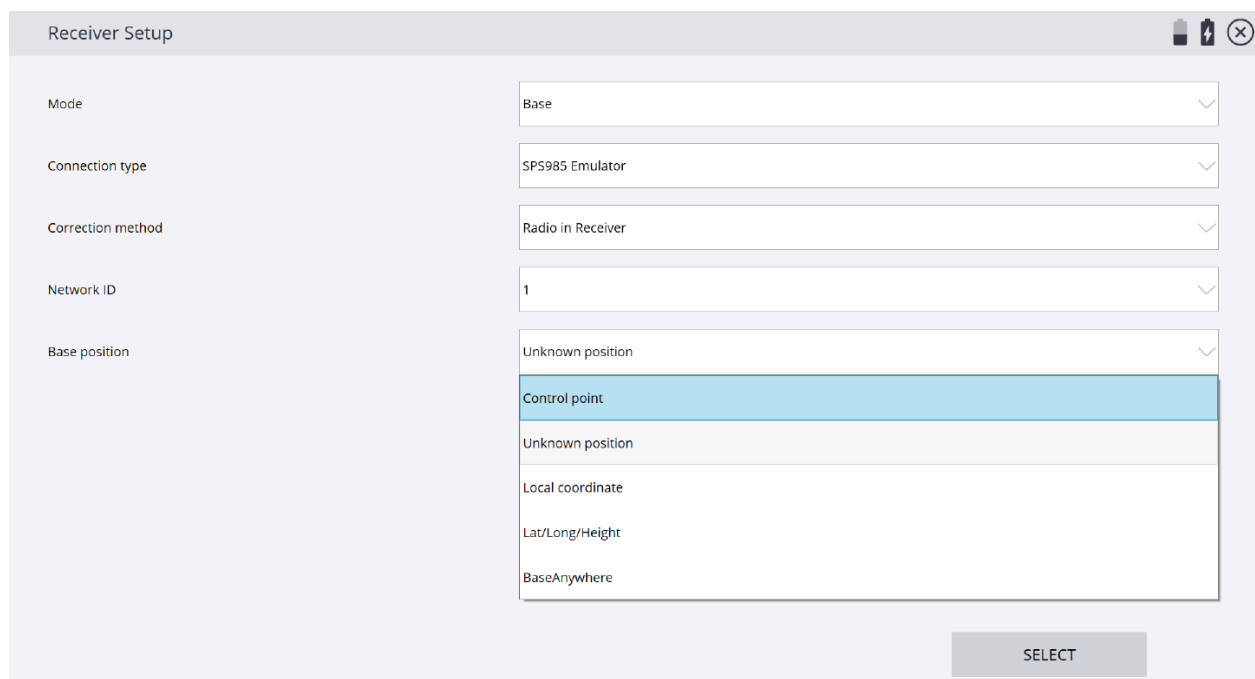


The screenshot shows the 'Receiver Setup' window with a title bar containing a close button. The window has four rows of configuration options, each with a label on the left and a dropdown menu on the right. The 'Mode' dropdown is set to 'Base'. The 'Connection type' dropdown is set to 'SPS985 Emulator'. The 'Correction method' dropdown is set to 'Radio in Receiver'. The 'Network ID' dropdown is set to '1'. An 'OK' button is located at the bottom right of the window.

Label	Value
Mode	Base
Connection type	SPS985 Emulator
Correction method	Radio in Receiver
Network ID	1

OK

*From the **Base position** window drop-down list select **Control point** to determine the base receiver setup location, tap **SELECT**.



The screenshot shows the 'Receiver Setup' window with the 'Base position' dropdown menu open. The menu lists several options: 'Unknown position', 'Control point' (which is highlighted in blue), 'Unknown position', 'Local coordinate', 'Lat/Long/Height', and 'BaseAnywhere'. The 'Mode', 'Connection type', 'Correction method', and 'Network ID' settings remain the same as in the previous screenshot. A 'SELECT' button is located at the bottom right of the window.

Label	Value
Mode	Base
Connection type	SPS985 Emulator
Correction method	Radio in Receiver
Network ID	1
Base position	Control point

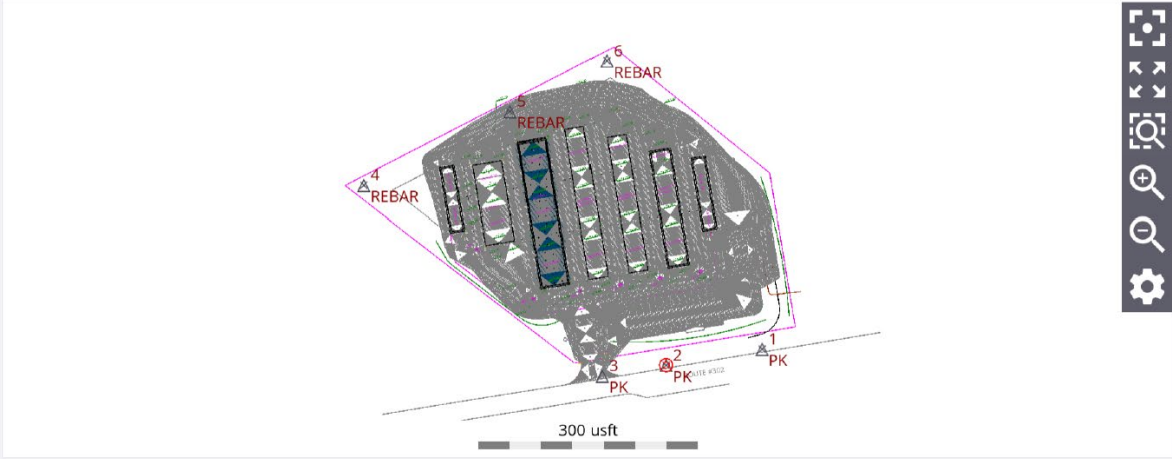
SELECT

*On the **Select Point** screen tap on the desired control point or type control point number in the **Point name** window, tap **SELECT**.

Select Point

Point name

2



SELECT

*On the **Receiver Setup** screen tap **Antenna Height** in the **Antenna height** window to input an antenna height.

Receiver Setup

Mode

Base

Connection type

SPS985 Emulator

Correction method

Radio in Receiver

Network ID

1

Base position

Control point

Base name

2

Antenna height

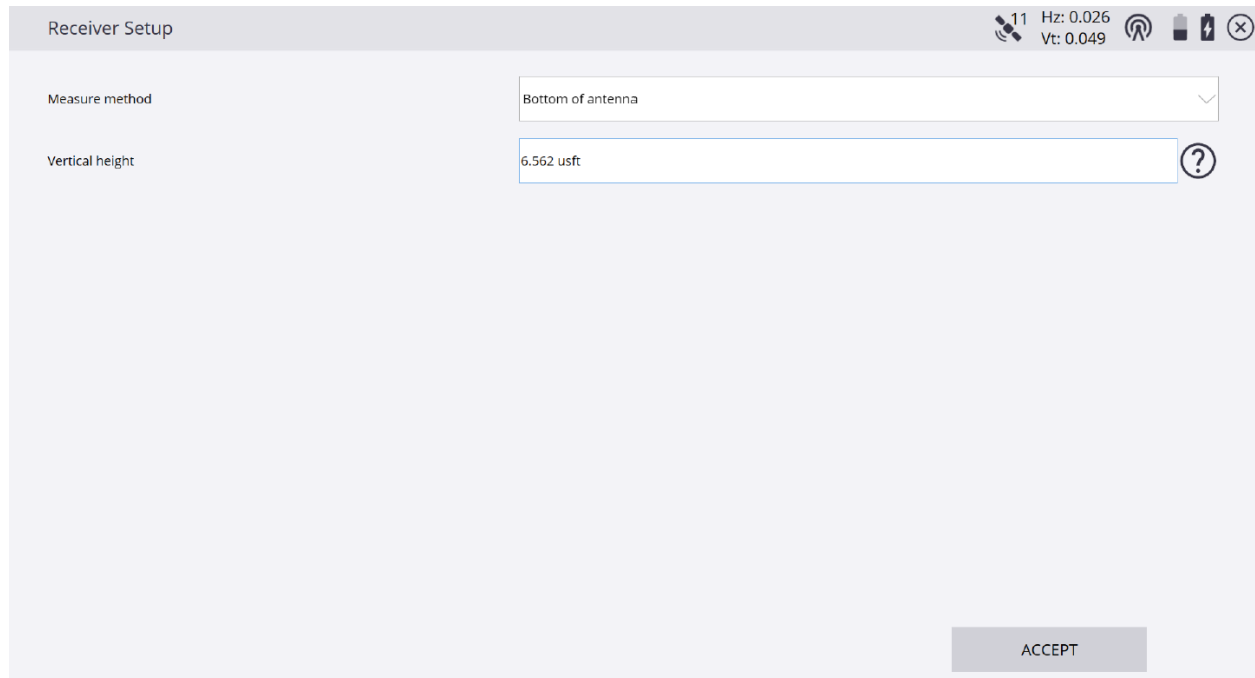
Antenna height

OK

*From the **Measure method** window drop-down list select the desired method.

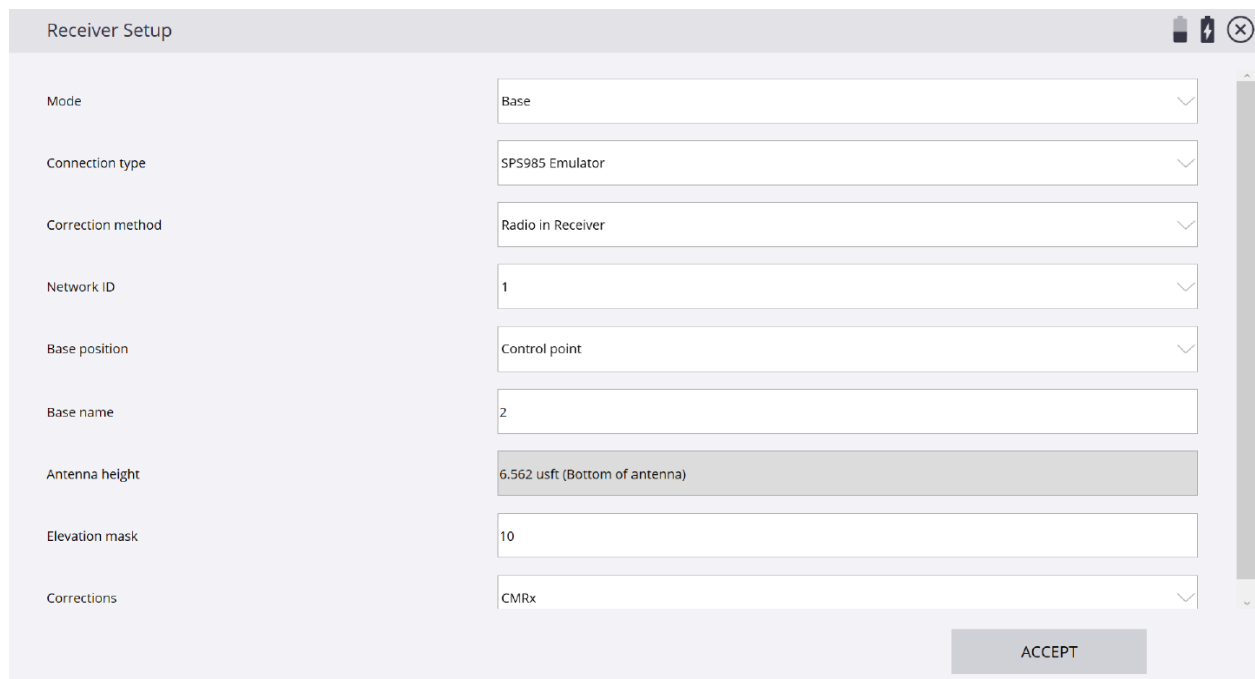
In the **Vertical height** window enter a base height, tap **ACCEPT**.

(Base heights are usually 0.000 Meters/0.000 usft or 2 Meters/6.562 usft)



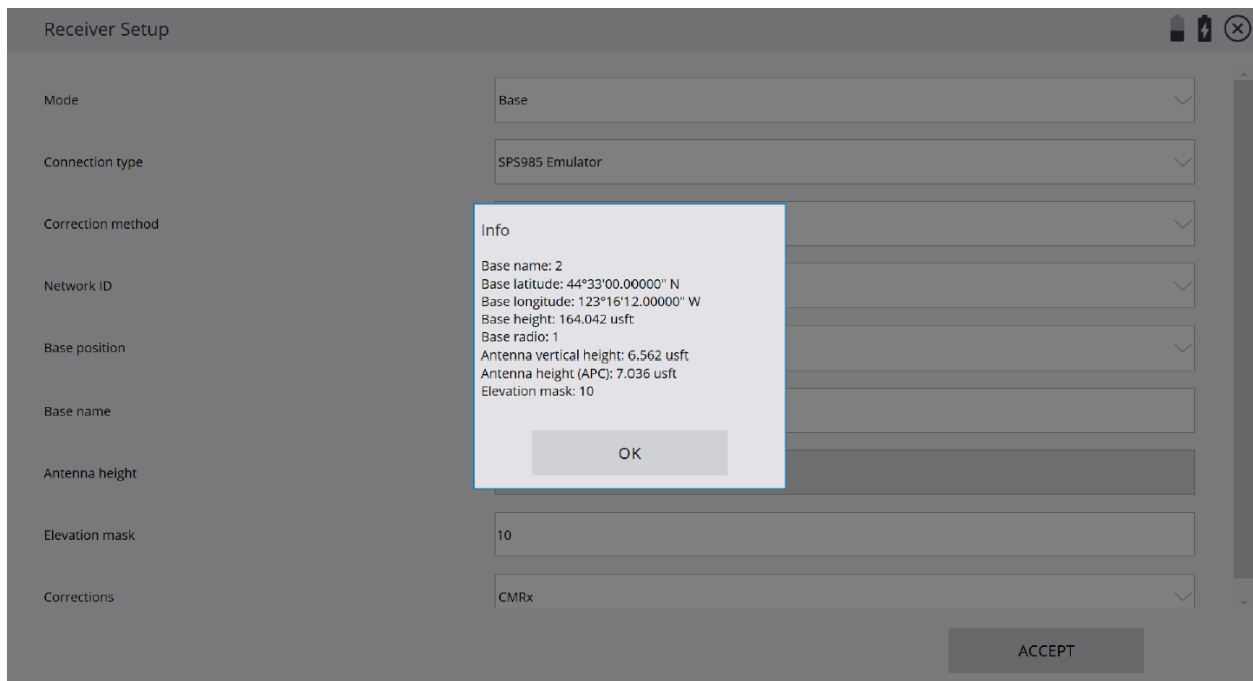
The screenshot shows the 'Receiver Setup' window. At the top, there is a status bar with icons for signal strength, frequency (11 Hz: 0.026), voltage (Vt: 0.049), and battery level. The main area contains two input fields: 'Measure method' with a dropdown menu showing 'Bottom of antenna', and 'Vertical height' with a text input field containing '6.562 usft' and a question mark icon to its right. At the bottom right, there is a grey 'ACCEPT' button.

*Review the desired Base receiver setup selections, tap **ACCEPT**.

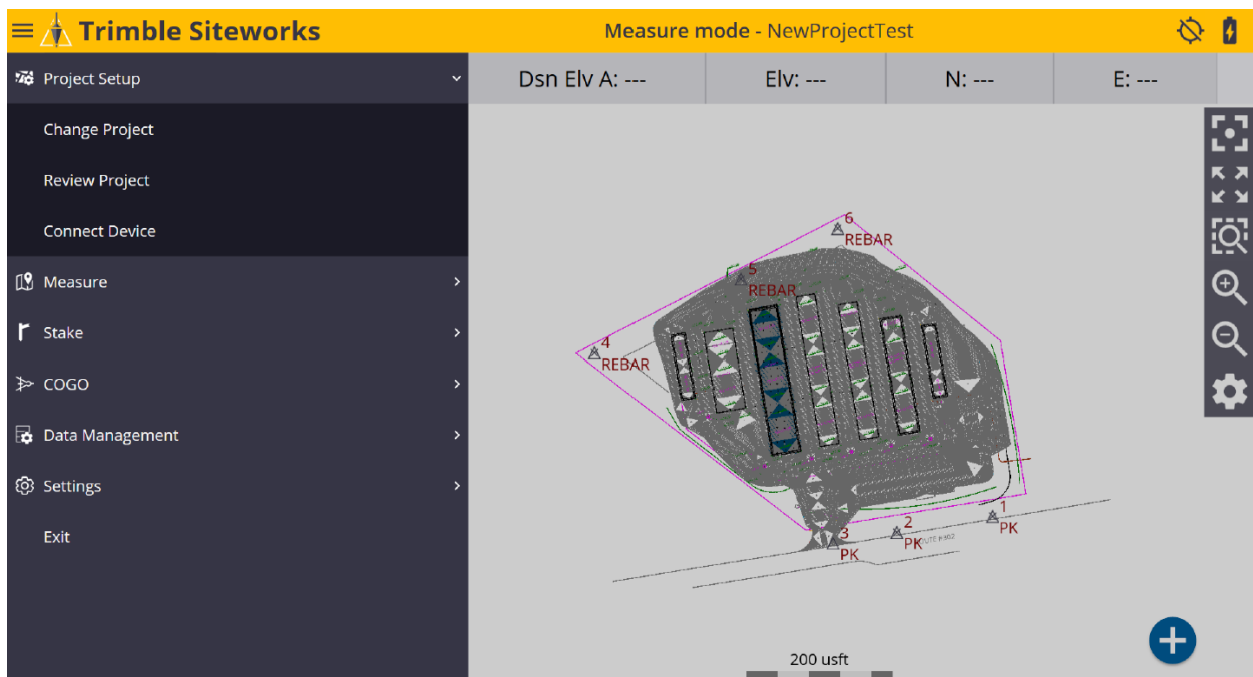


The screenshot shows the 'Receiver Setup' window with multiple configuration options. The status bar at the top shows battery and close icons. The settings include: 'Mode' (Base), 'Connection type' (SPS985 Emulator), 'Correction method' (Radio in Receiver), 'Network ID' (1), 'Base position' (Control point), 'Base name' (2), 'Antenna height' (6.562 usft (Bottom of antenna)), 'Elevation mask' (10), and 'Corrections' (CMRx). Each setting is in a dropdown menu except for the text-based ones. At the bottom right, there is a grey 'ACCEPT' button.

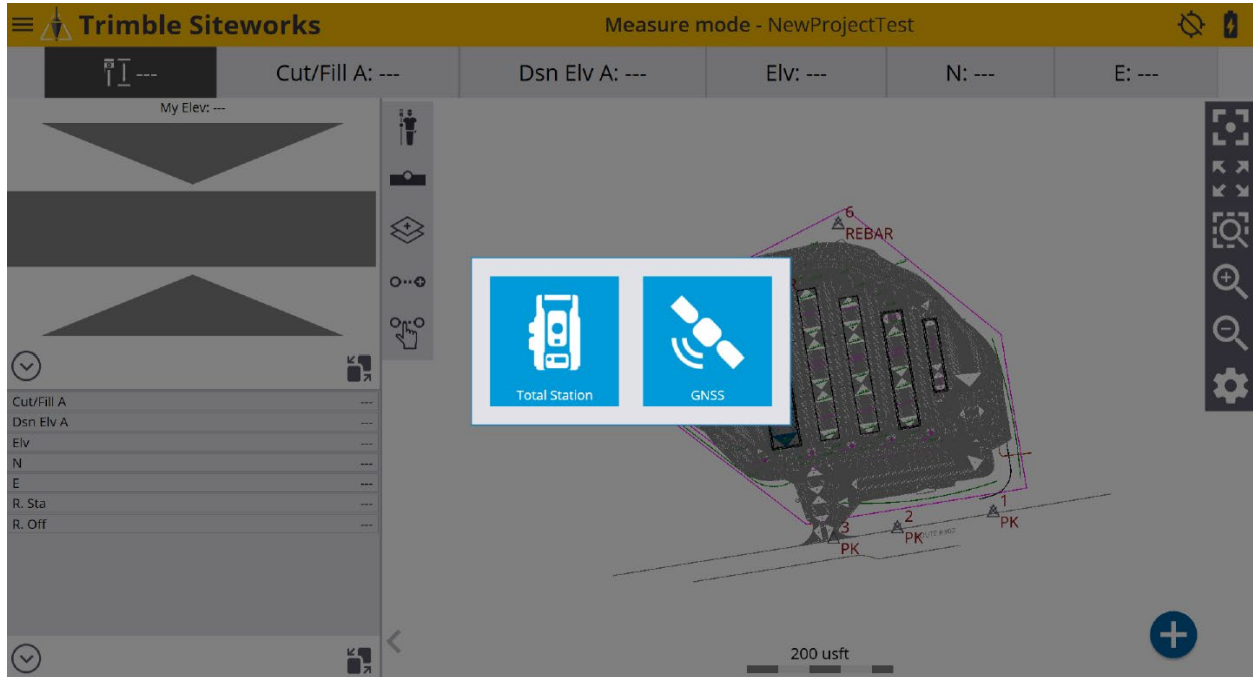
*Once Base receiver has been setup an **Info** dialogue box appears showing the Base receiver setup information settings, tap **OK**.



*After completing Base setup connect Rover receiver from the Siteworks upper left main screen tap the **3-Bar Hamburger Icon** and select **Connect Device**.



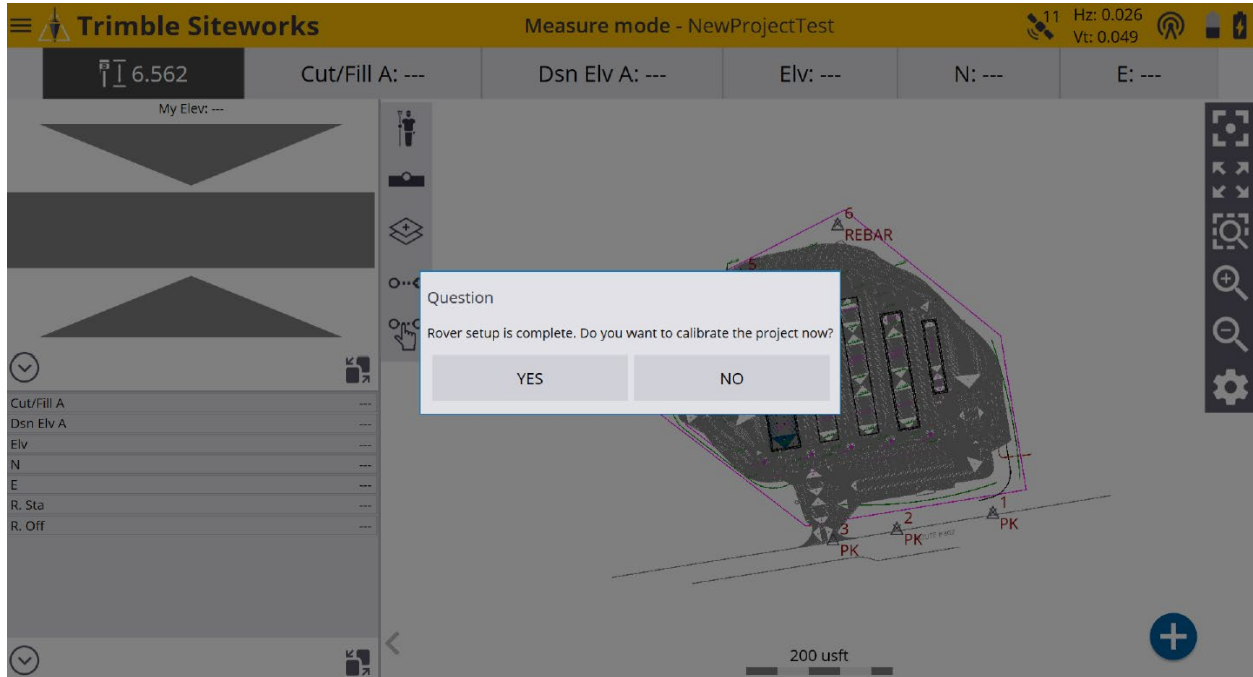
*In **Connect Device** tap the blue **GNSS Icon** to enter the **Receiver Setup** screen.



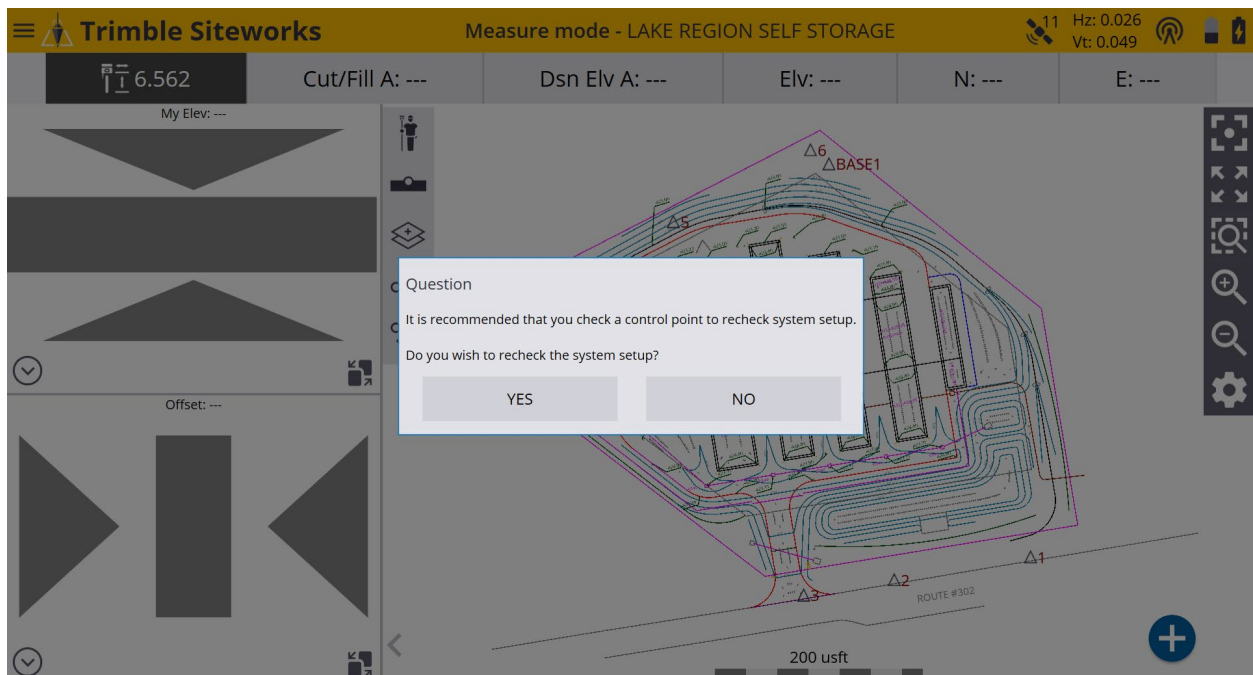
*On the **Receiver Setup** screen select **Rover** from the drop-down list in the **Mode** window.

Receiver Setup	
Mode	<div>Rover</div>
Connection type	<div>SPS986 Emulator</div>
Correction method	<div>Radio in Receiver</div>
Network ID	<div>1</div>
Connected to base	<div>Emulator</div>
Using Quick Release	<div>No</div>
Enable Tilt Compensation	<div>No</div>
Antenna height	<div>6.562 usft</div>
<div>SELECT</div>	

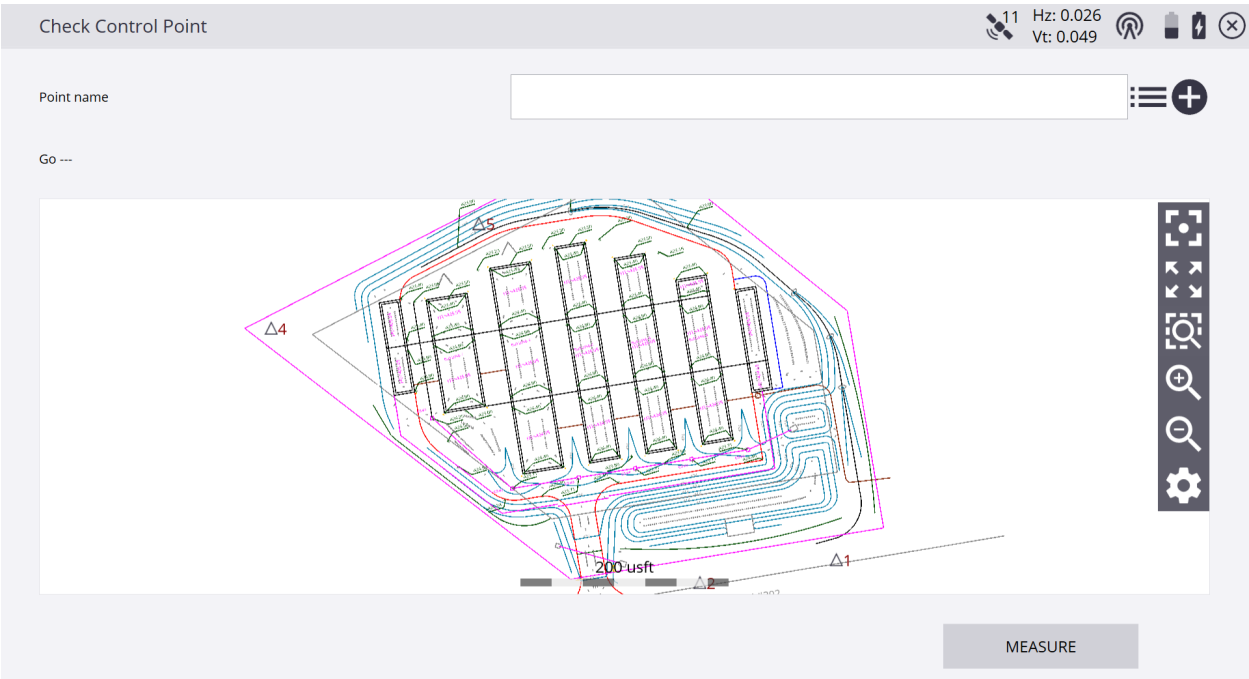
*Once the Rover is setup you will be asked to calibrate the project now, tap **NO**.



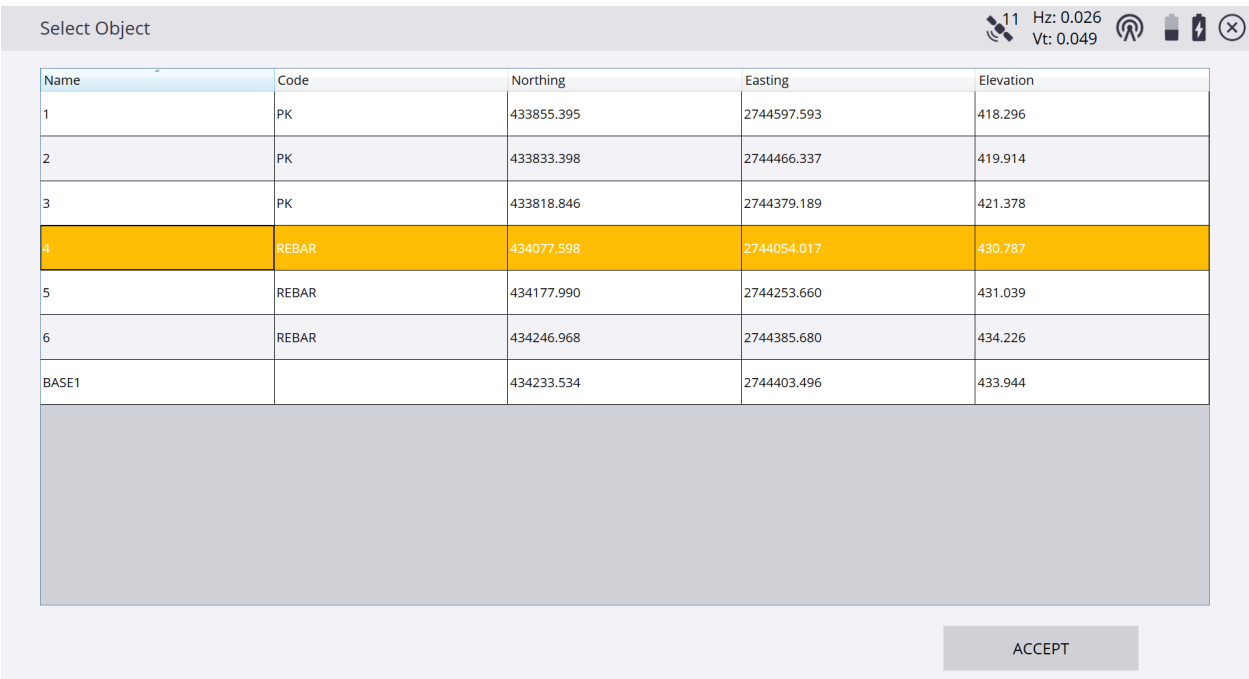
*You will be then asked to **recheck the system setup** on a control point, tap **YES**.



*On the **Check Control Point** screen tap on a point or type the point number in the **Point name** window and select it to be measured.







*Tap the **3-Dot/3-Bar Icon** to the right of the **Point name** window to access the **Select Object** screen to select from a list of control points.



*Tap the + (*plus sign*) to the right of the **Point name** window to **Add a New Control Point** that is not within the current existing project.

Add a New Control Point

11 Hz: 0.026 Vt: 0.049







Type	3D Control Point
Point name	
Point code	
Northing	
Easting	
Point's elevation	Key-in
Elevation	

SAVE

*Once you have selected the point to recheck the system setup, tap **MEASURE**.



Check Control Point

11 Hz: 0.026 Vt: 0.049




Point name

4



Go ---



MEASURE

*On the **Static Mode Settings** screen customize any values and units, tap **START**.

Static Mode Settings

11 Hz: 0.026 Vt: 0.049

Measure method

Bottom of antenna

Vertical height

6.562 usft

Horizontal tolerance

0.082 usft

Vertical tolerance

0.082 usft

Minimum measuring time

30

Time unit

Seconds

☐ Log data in receiver

Recording interval (seconds)

5

START

*On the **Static Measurement** screen the current and expected precisions display as the **Time measured** counts down the **Minimum measuring time**.

Static Measurement

11 Hz: 0.026 Vt: 0.049

Time measured

2/15 s

Expected precisions

Horizontal precision

0.082

Vertical precision

0.082


Current precisions

Horizontal precision

0.026 usft

Vertical precision

0.049 usft



*Tap **ACCEPT** after reviewing the check control point values to return to the main Siteworks screen to starting working in your project.

