

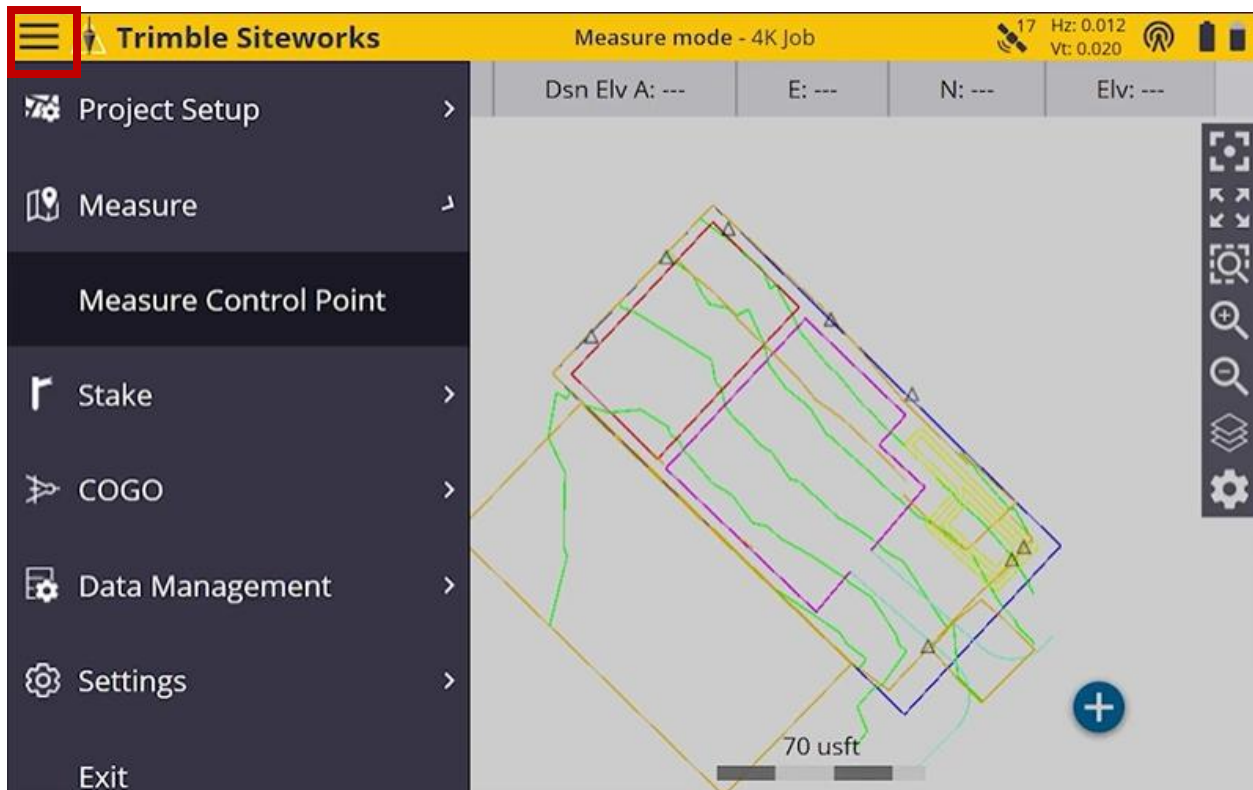


How to do a Site Calibration on Trimble Siteworks

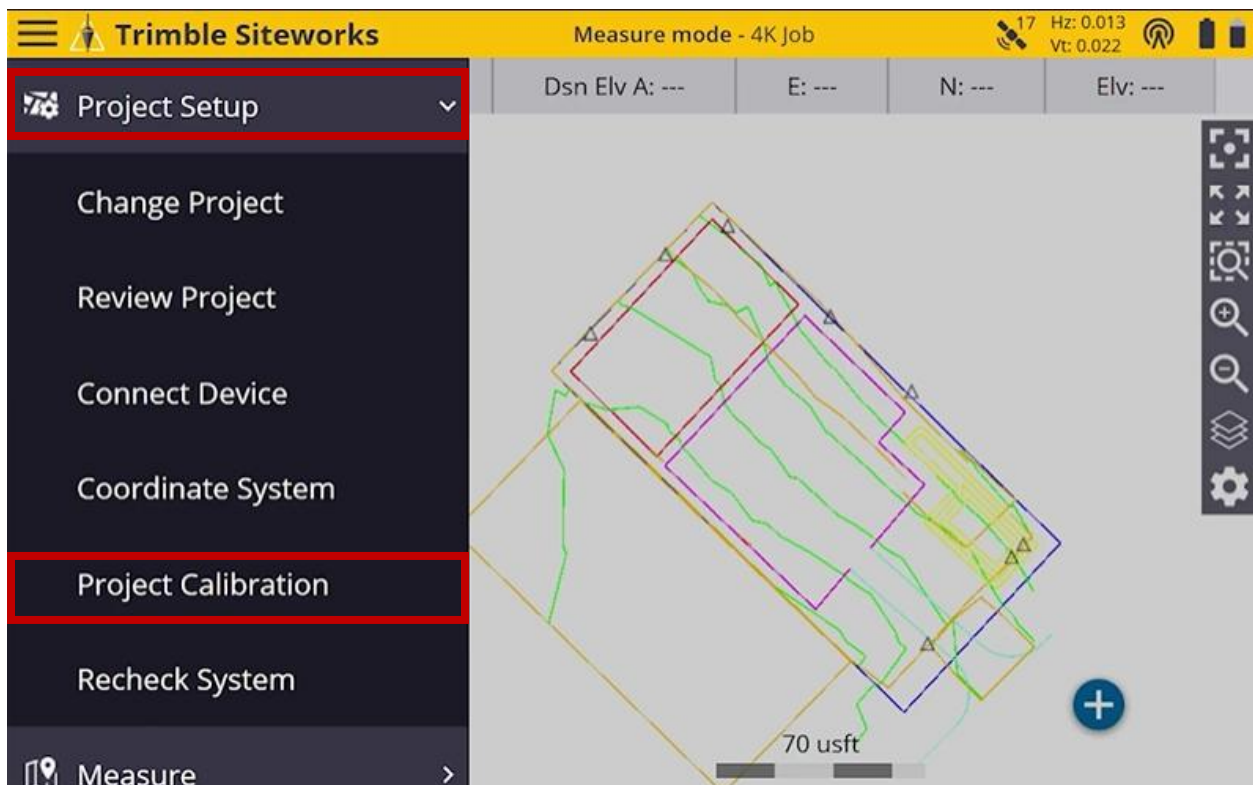
1. Set up your equipment.



2. Tap **"Menu"** on the top left corner(3 Horizontal bars).



3. Tap **"Project Setup"**, then click **"Project Calibration"**.



- Click the plus “+” icon on the top left.

Project Calibration

17 Hz: 0.013 Vt: 0.023

Use the add point button to select a control point to start the calibration.

+ MOVE BASE REPORT

Point Name	H Residuals	V Residuals
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FINISH


- Select a “Control Point” on your project and walk towards it.

Select Point

17 Hz: 0.013 Vt: 0.023

Point name grav1

Go --- ---



SELECT

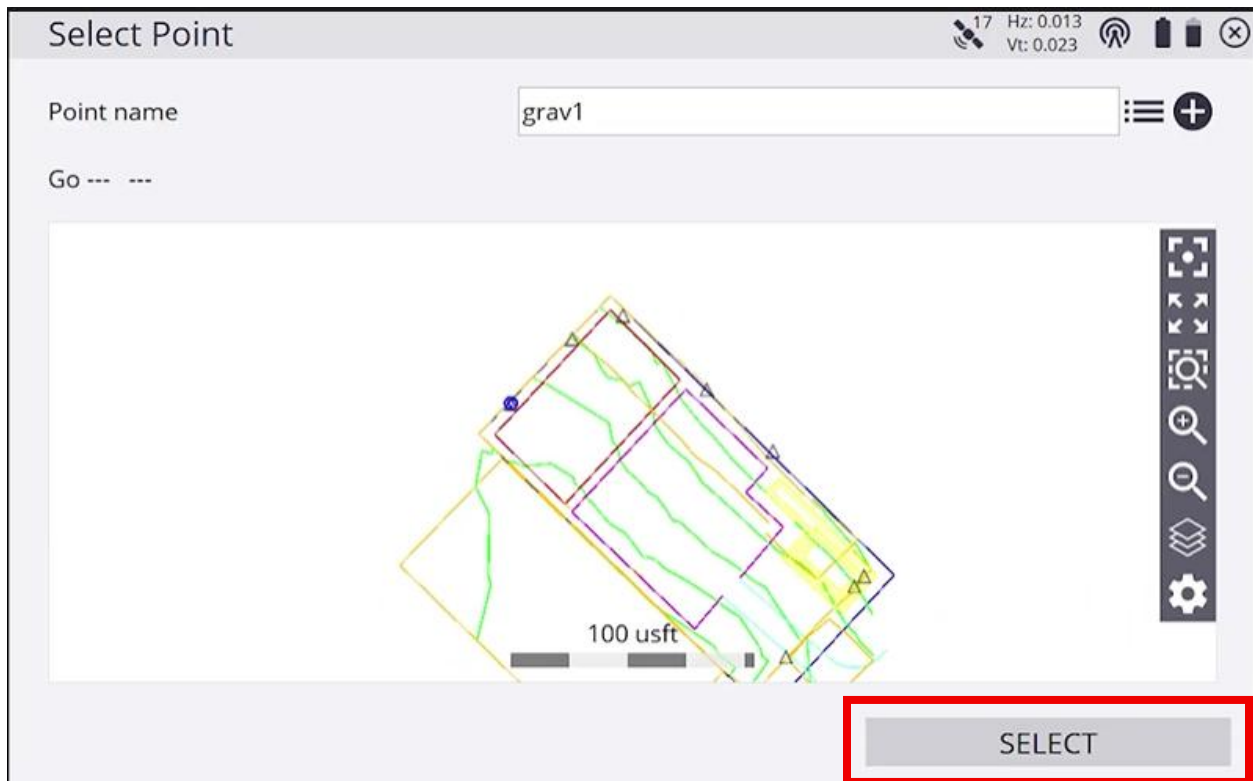
6. Setup your Rover rod on the selected Control Point.



7. Make sure your Rod is level.



8. Click select on your Rover.



9. Adjust your **“Vertical height”** depending on your setup.

Static Mode Settings

17 Hz: 0.011 Vt: 0.019

Measure method Bottom of Quick Release

Vertical height 6.562 usft

Horizontal tolerance 0.082 usft

Vertical tolerance 0.082 usft

Minimum measuring time 15

Time unit Seconds

☐ Log data in receiver

Recording interval (seconds) 5

START

10. Set the **“Minimum measuring time”** to a min. of **60+**. Longer time means more accurate result.

Static Mode Settings

17 Hz: 0.011 Vt: 0.019

Measure method Bottom of Quick Release

Vertical height 6.562 usft

Horizontal tolerance 0.082 usft

Vertical tolerance 0.082 usft

Minimum measuring time 15

Time unit Seconds

☐ Log data in receiver

Recording interval (seconds) 5

START

11. Click **"Start"**. (Note measuring time is only for example. You should set it to a min. of 60+)

Static Mode Settings

17 Hz: 0.011 Vt: 0.019

Measure method	Bottom of Quick Release
Vertical height	6.562 usft
Horizontal tolerance	0.082 usft
Vertical tolerance	0.082 usft
Minimum measuring time	15
Time unit	Seconds
<input type="checkbox"/> Log data in receiver	
Recording interval (seconds)	5

START

12. Make sure your **"Current precisions"** is under **0.082 usft** for accurate results.

Static Measurement

17 Hz: 0.010 Vt: 0.017

Time measured	15/15 s
Expected precisions	
Horizontal precision	0.082
Vertical precision	0.082
Current precisions	
Horizontal precision	0.010 usft
Vertical precision	0.017 usft

13. Also make sure your satellite count is above **10 satellites** for accurate results.

Static Measurement

17

Hz: 0.010

Vt: 0.017

Time measured	15/15 s
Expected precisions	
Horizontal precision	0.082
Vertical precision	0.082
Current precisions	
Horizontal precision	0.010 usft
Vertical precision	0.017 usft

14. Wait for the “**Time measured**” to finish.

Static Measurement

17

Hz: 0.010

Vt: 0.017

Time measured	15/15 s
Expected precisions	
Horizontal precision	0.082
Vertical precision	0.082
Current precisions	
Horizontal precision	0.010 usft
Vertical precision	0.017 usft

15. Repeat **Steps 4 to 14** and calibrate the control points of your project. Once done, make sure that **Calibration is in tolerance**. Otherwise, repeat the whole process starting from Control Point 1.

Project Calibration

14 Hz: 0.013 Vt: 0.024

✓ Calibration is in tolerance.
H res: 0.007 usft V res: 0.017 usft

+

MOVE BASE

REPORT

⚙

Point Name	H Residuals	V Residuals
✓grav1	✓0.008	✓-0.021
✓grav2	✓0.009	✓0.001
✓grav3	✓0.002	✓0.020

FINISH