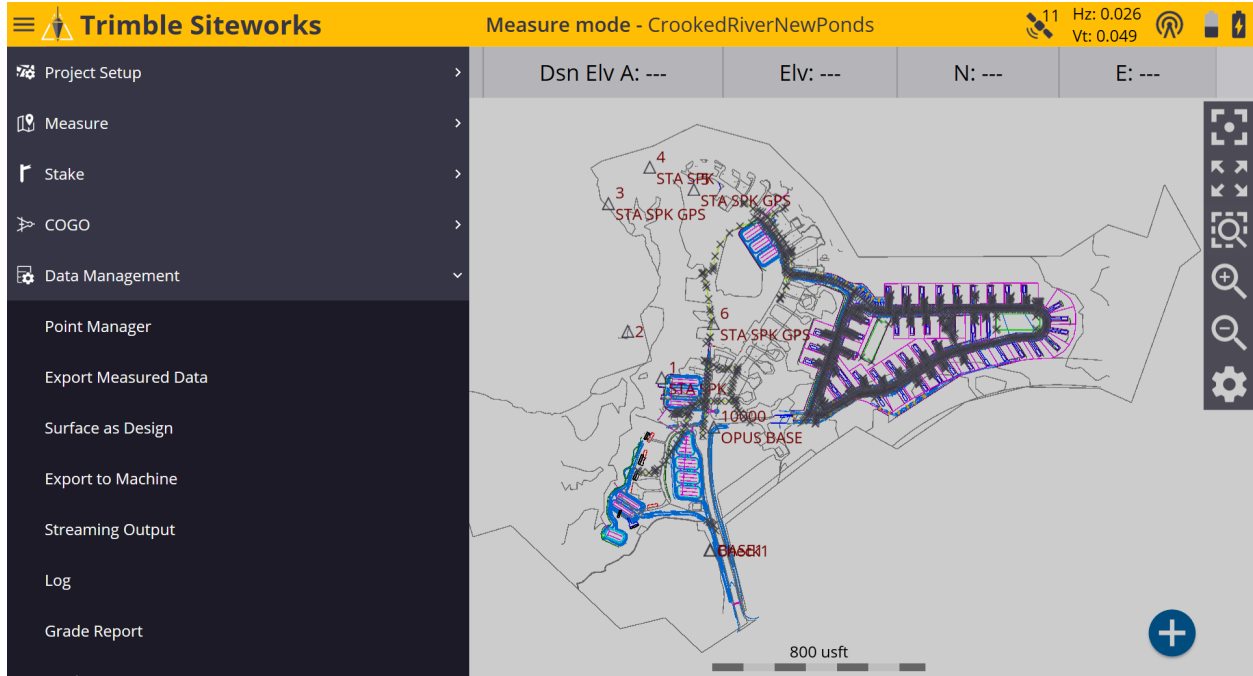
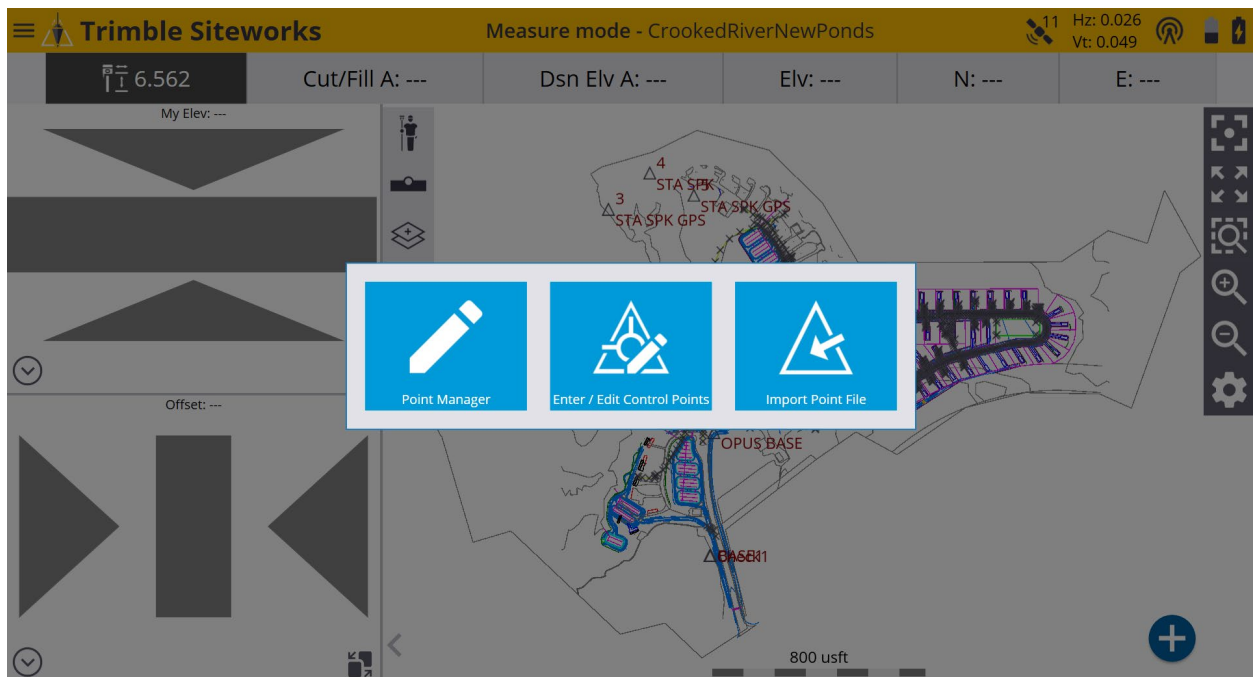


Enter and Edit Control/Stakeout Points:

*On the Siteworks upper left main screen tap the **3-Bar Hamburger Icon** and select **Data Management**, then tap **Point Manager**.






*In **Point Manager** tap on the blue **Point Manager Icon** to enter the **Point Manager** screen to add **Control** and **Stakeout** points.



*In the upper right corner of the **Point Manager** table tap the point **Count:** (gear cog) to access the **Point Manager Settings** screen. (There are 1720 project points)

Point Manager

11 Hz: 0.026
Vt: 0.049

Search

Count: 1720

	Point Name	Point Code	Northing	Easting	Elevation	Height
△	1	STA SPK	404381.945	2850014.733	287.939	
△	10000	OPUS BASE	404198.187	2850209.865	291.522	
✕	1inch coupling		404754.640	2850611.788	291.716	
△	2		404556.264	2849887.658	269.031	
✕	22 bend		404644.631	2850763.449	298.617	
✕	2inch coupling		404755.129	2850614.396	292.103	
✕	2inch coupling1		404659.195	2850786.716	301.008	
✕	2inch coupling		404839.151	2850476.392	287.409	
△	3	STA SPK GPS	405034.413	2849815.033	267.766	

EDIT





ADD

DELETE

*In the **Point Manager Settings** screen **Select the point types points you would like displayed** in the **Point Manager** table by checking their boxes, tap **SAVE**.

Point Manager Settings

11 Hz: 0.026 Vt: 0.049



Select the point types you would like displayed in the table.

☒

Control points

☒

Design points

☒

Measured points

☒

Stakeout points

SAVE

*On the **Point Manager** table tap **ADD** to enter the **Add New Point** screen.

Point Manager

11 Hz: 0.026 Vt: 0.049

Count: 1720

Search

	Point Name	Point Code	Northing	Easting	Elevation	Height
△	1	STA SPK	404381.945	2850014.733	287.939	
△	10000	OPUS BASE	404198.187	2850209.865	291.522	
×	1inch coupling		404754.640	2850611.788	291.716	
△	2		404556.264	2849887.658	269.031	
×	22 bend		404644.631	2850763.449	298.617	
×	2inch coupling		404755.129	2850614.396	292.103	
×	2inch coupling1		404659.195	2850786.716	301.008	
×	2inch coupling		404839.151	2850476.392	287.409	
△	3	STA SPK GPS	405034.413	2849815.033	267.766	

EDIT

ADD

DELETE

*In the **Add New Point** screen tap in the **Type** window and select from the drop down list **1D Control Point**, **2D Control Point**, **3D Control Point**, **2D Stakeout Point** or **3D Stakeout Point**. In the **Point name** window type the new point name.

Add New Point

11 Hz: 0.026 Vt: 0.049

Type

Point name

Point code

Northing

Easting

Point's elevation

Elevation

3D Control Point

1D Control Point

2D Control Point

3D Control Point

2D Stakeout Point

3D Stakeout Point

Key-in

SAVE

*Tap in the **Point code** window and type the description code of the point to be created. Tap in the **Northing** and **Easting** windows input their corresponding coordinate values of the point to be created.

Add New Point

11 Hz: 0.026 Vt: 0.049

Type	3D Control Point
Point name	TestPoint1
Point code	Spike
Northing	404827.123
Easting	2849992.245
Point's elevation	Key-in
Elevation	

SAVE

*In the **Point's elevation** window select the elevation reference from the drop down list **extract from point** (*an existing point*), **extract from surface** (*current working surface*), or **Key-in** the elevation of the point to be created, tap **SAVE**.

Add New Point

11 Hz: 0.026 Vt: 0.049

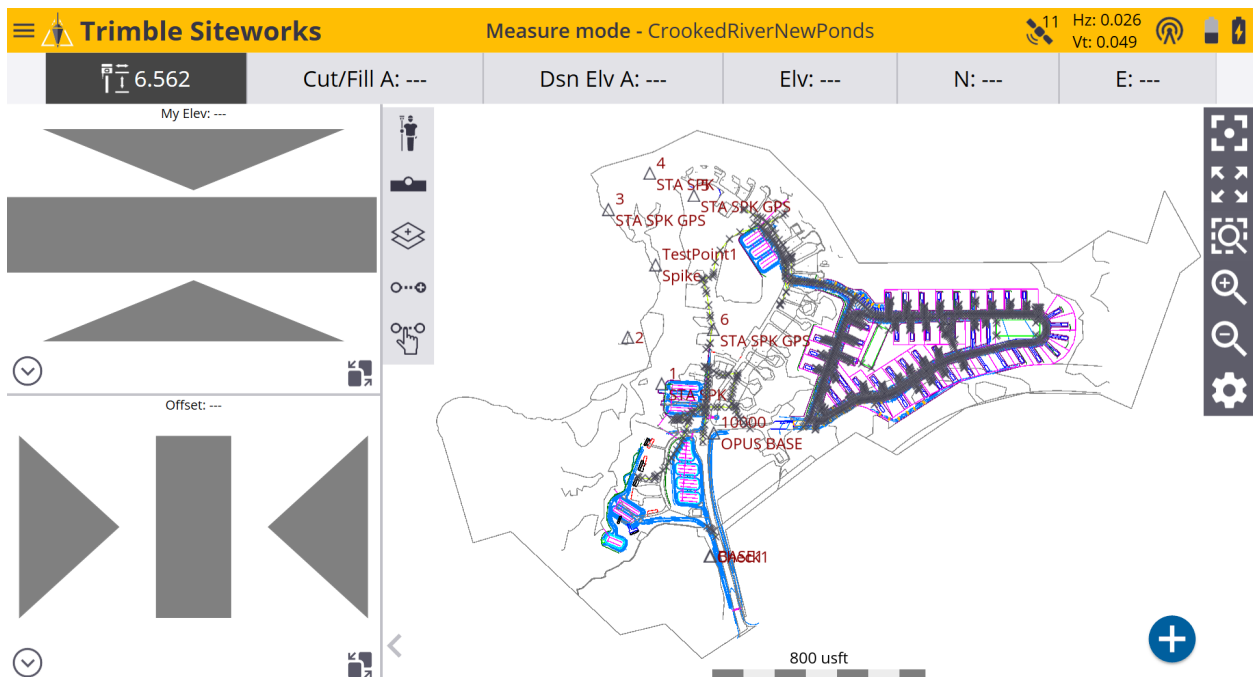
Type	3D Control Point
Point name	TestPoint1
Point code	Spike
Northing	404827.123
Easting	2849992.245
Point's elevation	Key-in
Elevation	280.154

SAVE

*In the **Point Manager** table you will now see the newly created point displayed.
Tap **X** in the upper right corner of the **Point Manager** table to exit the Point Manager and return to the Siteworks main screen.

Point Manager						11 Hz: 0.026 Vt: 0.049			
Search						Count: 1720			
Point Name	Point Code	Northing	Easting	Elevation	Height				
X StakedPt5		404604.597	2851092.917						
X StakedPt5_stk		404604.609	2851092.945	318.766					
X Tank cover		404635.868	2850754.699	298.315					
X Teewyee		404640.572	2850747.729	297.939					
X Teewyee1		404367.202	2850620.898	297.137					
△ TestPoint1	Spike	404827.123	2849992.245	280.154					
X Transformer		404246.393	2850071.391	291.659					
X Transformer2		404034.608	2849989.294	289.353					
X Transformer3		404773.306	2850165.929	291.974					
EDIT						ADD			
						DELETE			

*On the Siteworks main screen visually check that TestPoint1 is displayed.



Note that a 2D or 3D Stakeout Point manually created in the Point Manager is a point to be staked and is displayed as an **X on the left edge of the Point Manager Table.*

Design Points from CSV files and VCL Points from VCL files contained within the design are also displayed as an **X on the left edge of the Point Manager Table.*

A point that has been staked in the field is an (As-Staked) Stakeout Point and is displayed as a **Flagged Stake on the left edge of the Point Manager Table.*


A field measured Feature or Surface Topo Point is displayed as a **Square on the left edge of the Point Manager Table.*


Control Points are displayed as a **Triangle on the left edge of the Point Manager Table and can be viewed and edited entirely in their own table by tapping the blue Enter/Edit Control Points icon when initially entering the Point Manager routine.*


***If you want to see Point Information or need to Edit Point information tap EDIT.**

Point Manager

11 Hz: 0.026
Vt: 0.049

















Search

Count: 1724



Point Name	Point Code	Northing	Easting	Elevation	Height
 1	STA SPK	404381.945	2850014.733	287.939	
 10000	OPUS BASE	404198.187	2850209.865	291.522	
 10001_stk	OPUS BASE	404099.113	2850314.188	-6.562	6.562
 1inch coupling		404754.640	2850611.788	291.716	
 1Topo1	Ground	404367.264	2850479.940	-6.562	6.562
 2		404556.264	2849887.658	269.031	
 22 bend		404644.631	2850763.449	298.617	
 2inch coupling		404755.129	2850614.396	292.103	
 2inch coupling1		404659.195	2850786.716	301.008	

EDIT

ADD

DELETE

The **Point type** makes a difference on the editability of the point's information as with a VCL Point, which cannot be edited.

Edit Point

11 Hz: 0.026 Vt: 0.049

Point Information

Point type	VCL Point
Point name	1inch coupling
Point code	---
Northing	404754.640 usft
Easting	2850611.788 usft
Elevation	291.716 usft

PREVIOUS

NEXT

*In the **Edit Point** screen Control point information is entirely editable in their windows and then display under **Point Information**.

Edit Point

11 Hz: 0.026 Vt: 0.049

Point Information

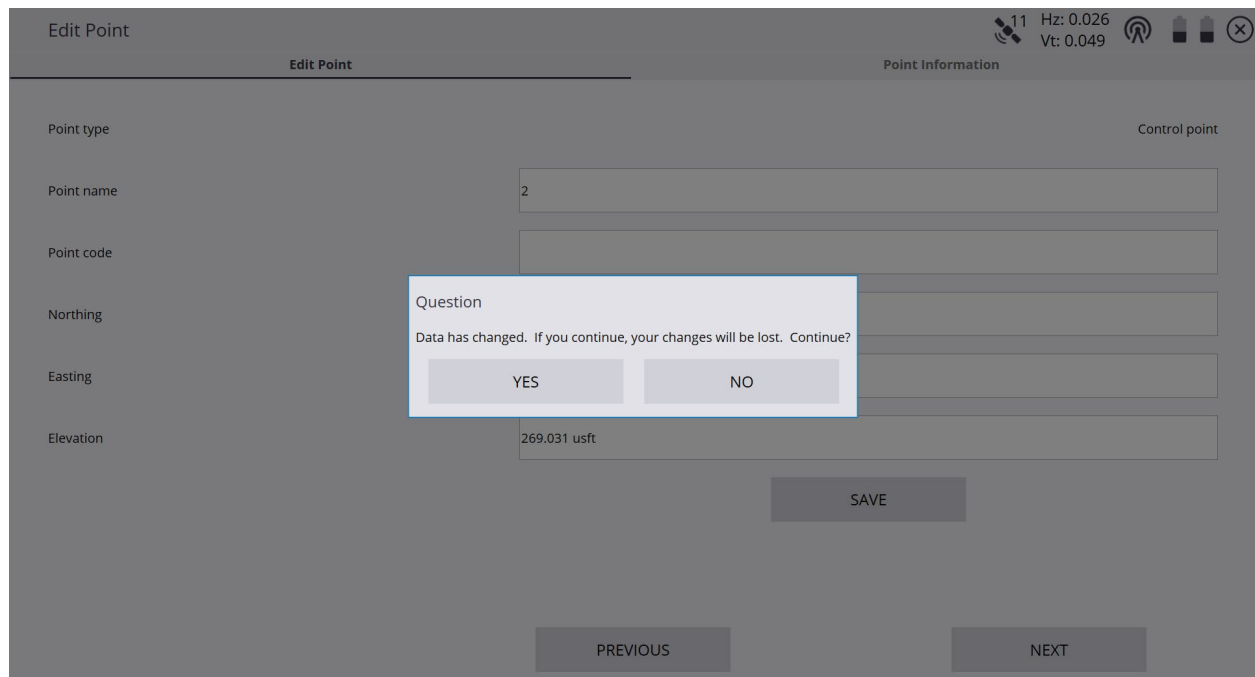
Point type	Control point
Point name	<input type="text" value="10000"/>
Point code	<input type="text" value="OPUS BASE"/>
Northing	<input type="text" value="404198.187 usft"/>
Easting	<input type="text" value="2850209.865 usft"/>
Elevation	<input type="text" value="291.522 usft"/>

SAVE

PREVIOUS

NEXT

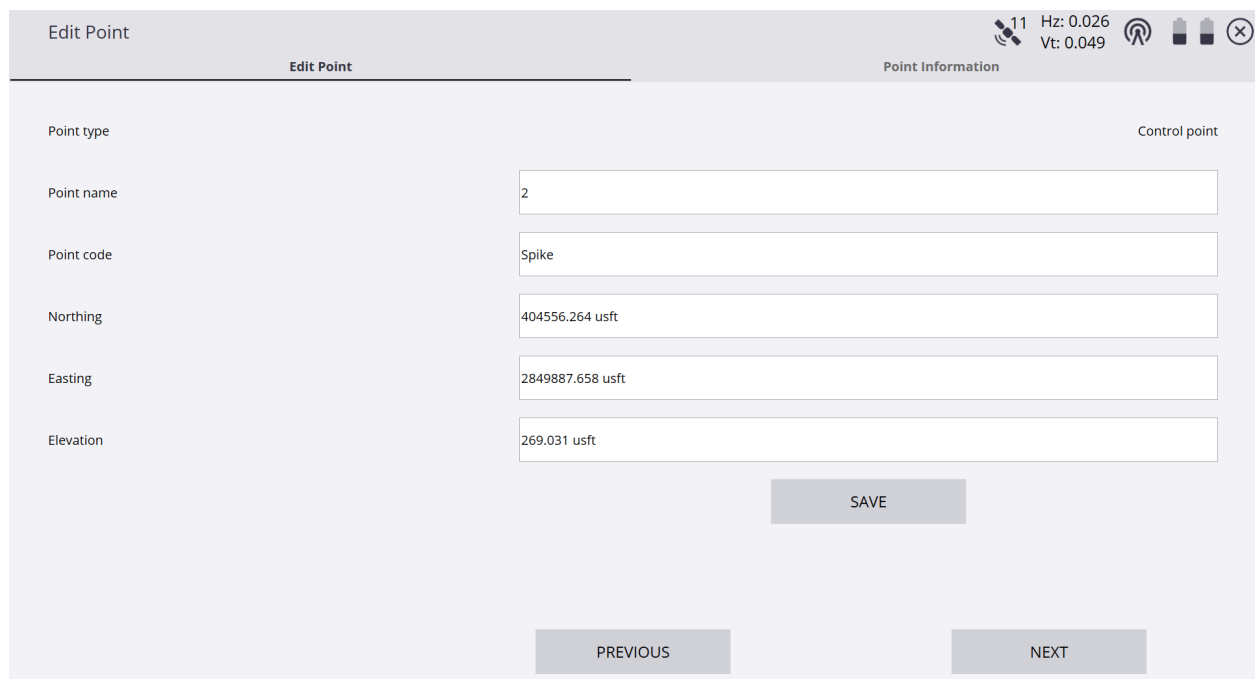
*If attempting to exit the **Edit Point** screen before saving edits you will be questioned to continue without saving, tap **NO** to return to the **Edit Point** screen.



The screenshot shows the 'Edit Point' screen with a confirmation dialog box in the center. The dialog box has a title 'Question' and a message 'Data has changed. If you continue, your changes will be lost. Continue?'. It has two buttons: 'YES' and 'NO'. The background form is dimmed. The form fields are: Point type (Control point), Point name (2), Point code (empty), Northing (empty), Easting (empty), and Elevation (269.031 usft). At the bottom, there are buttons for 'SAVE', 'PREVIOUS', and 'NEXT'. The top bar shows 'Edit Point' and 'Point Information'.

Field	Value
Point type	Control point
Point name	2
Point code	
Northing	
Easting	
Elevation	269.031 usft

Tap **SAVE**, then tap **X** in the upper right corner of the **Edit Point** screen to exit the **Edit Point** screen and return to the **Point Manager** table.



The screenshot shows the 'Edit Point' screen after saving. The form fields are: Point type (Control point), Point name (2), Point code (Spike), Northing (404556.264 usft), Easting (2849887.658 usft), and Elevation (269.031 usft). At the bottom, there are buttons for 'SAVE', 'PREVIOUS', and 'NEXT'. The top bar shows 'Edit Point' and 'Point Information'.

Field	Value
Point type	Control point
Point name	2
Point code	Spike
Northing	404556.264 usft
Easting	2849887.658 usft
Elevation	269.031 usft

Tap **X** in the upper right corner of the **Point Manager** table to exit the Point Manager and return to the Siteworks main screen.

Point Manager						
Search			Count: 1724			
Point Name	Point Code	Northing	Easting	Elevation	Height	
1	STA SPK	404381.945	2850014.733	287.939		
10000	OPUS BASE	404198.187	2850209.865	291.522		
10001_stk	OPUS BASE	404099.113	2850314.188	-6.562	6.562	
1inch coupling		404754.640	2850611.788	291.716		
1Topo1	Ground	404367.264	2850479.940	-6.562	6.562	
2	Spike	404556.264	2849887.658	269.031		
22 bend		404644.631	2850763.449	298.617		
2inch coupling		404755.129	2850614.396	292.103		
2inch coupling1		404659.195	2850786.716	301.008		

EDIT

ADD

DELETE

*On the Siteworks main screen visually check that Control Point 2 point code edit is displayed properly.

