

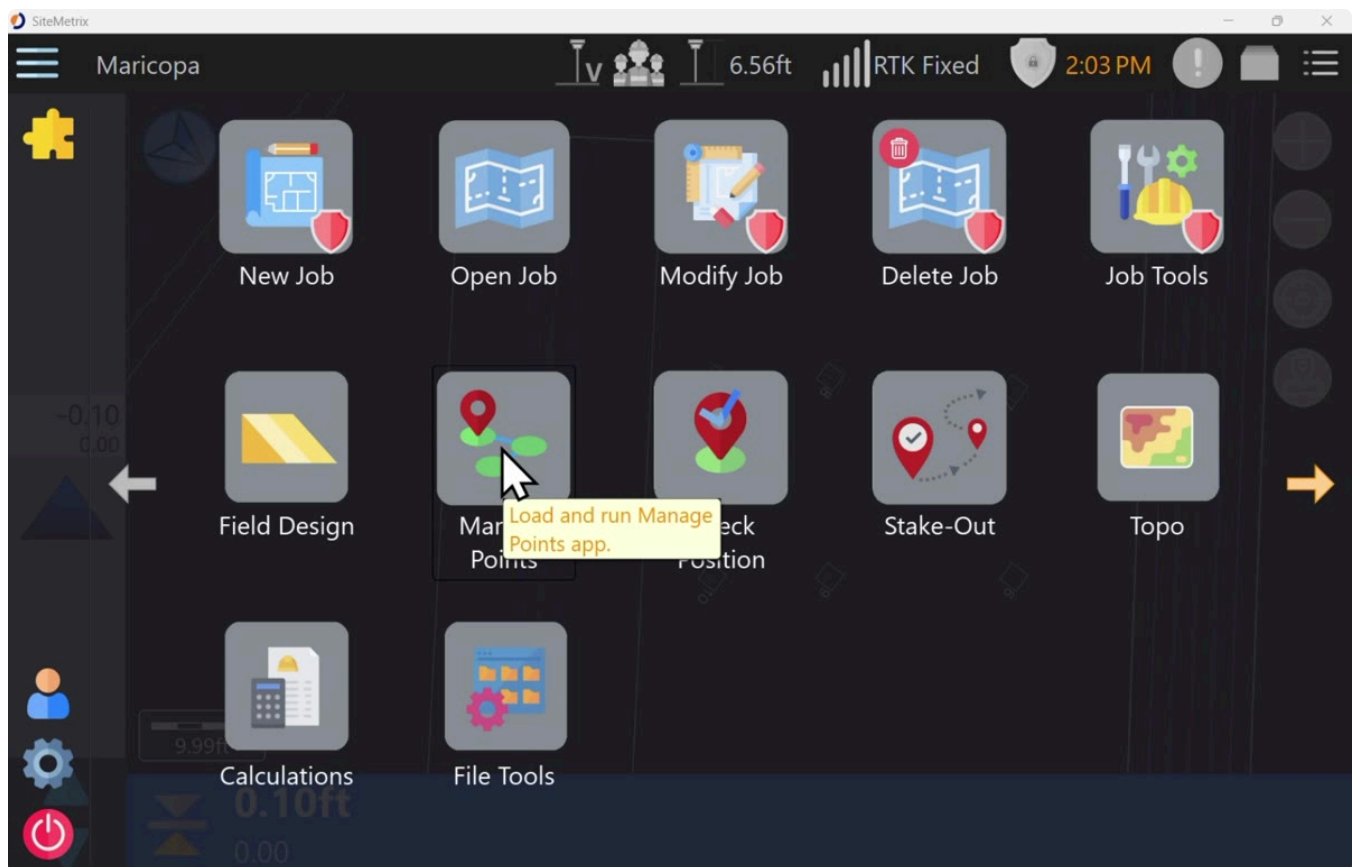
SMG + GM 4: Manage Points

Oct 20, 2026 · @Johan

Manage Points shows the points and lines in a job's topo file. You can edit points, join them into lines on a map, and use those lines as guidelines or the points as a surface. This guide follows the 7.5-minute training video "SMG + GM 4: Manage Points".

Open Manage Points

Open the Main Menu and tap **Manage Points**.



The **From Topo** tab lists the points with Name, Layer, Northing, Easting, Elevation, Code and Description. The **From Line** tab lists lines in the topo file.

SiteMetricx

Maricopa

6.56ft RTK Fixed 2:03 PM

Manage Points and Lines

From Topo From Line

Name	Layer	Northing	Easting	Elevation	Code	Description
1	TRAINING VIDEO	50272.51ft	60830.30ft	503.21ft		
2	TRAINING VIDEO	50264.31ft	60819.57ft	503.15ft		
3	TRAINING VIDEO	50265.29ft	60839.13ft	503.25ft		
4	TRAINING VIDEO	50261.89ft	60833.87ft	503.21ft		
5	TRAINING VIDEO	50257.96ft	60827.80ft	503.21ft		
6	TRAINING VIDEO	50143.68ft	60728.82ft	502.88ft		
7	TRAINING VIDEO	50132.37ft	60714.03ft	502.80ft		
8	TRAINING VIDEO	50117.18ft	60724.17ft	502.80ft		

Remove Add Edit Manage Points Map Import CSV

OK Cancel

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Manage Points and Lines

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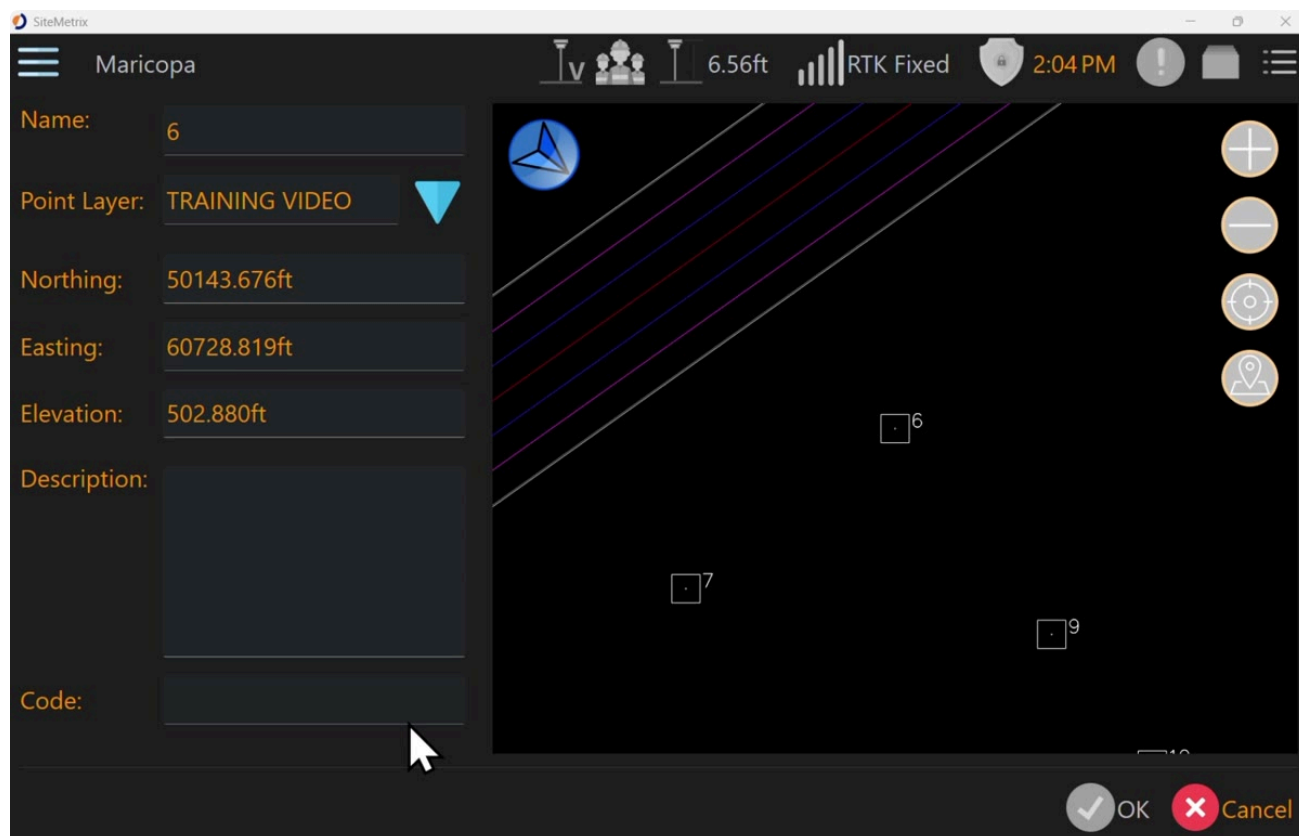
Remove Add Edit Manage Points Map Import CSV

OK Cancel

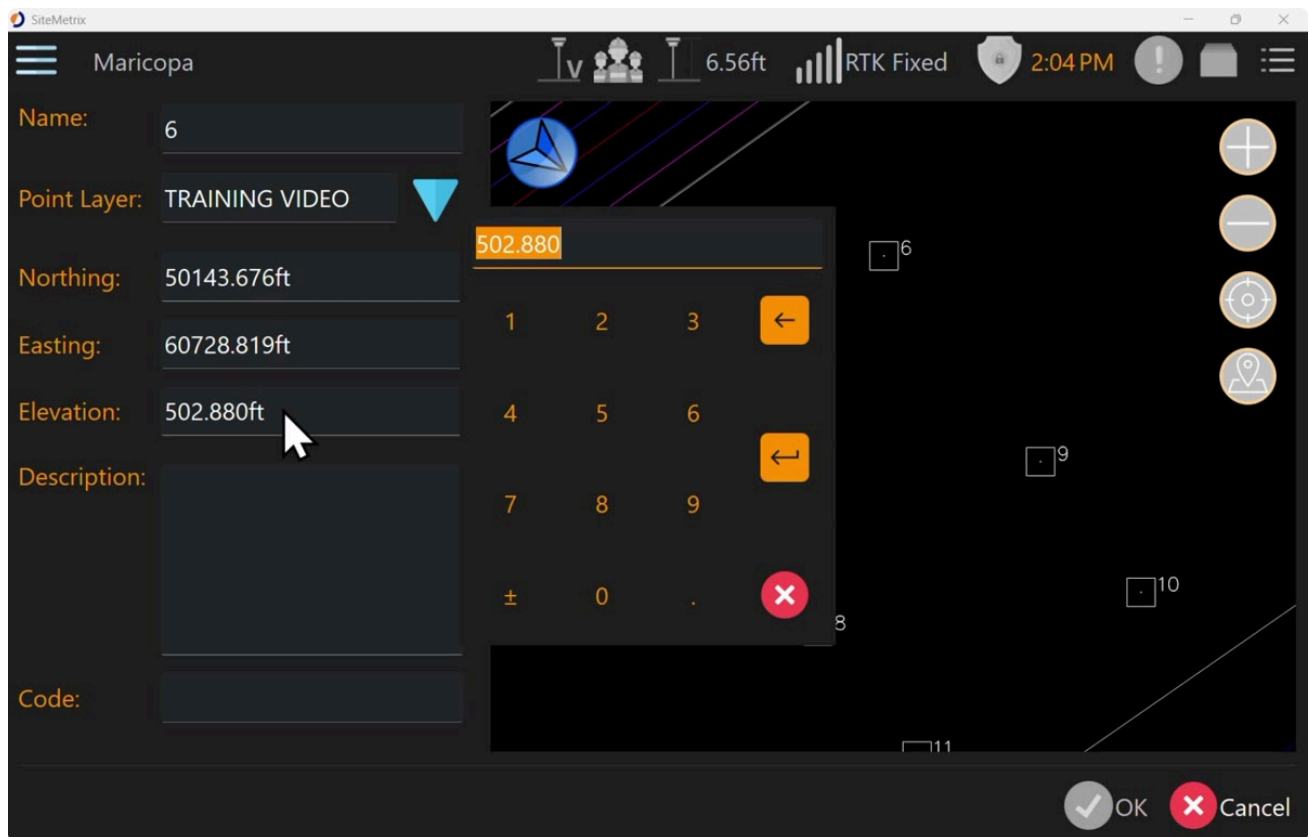
The buttons along the bottom are **Remove**, **Add**, **Edit**, **Manage Points Map** and **Import CSV**.

Edit a point

1. Select the point and tap **Edit**. The point is shown on the map on the right.



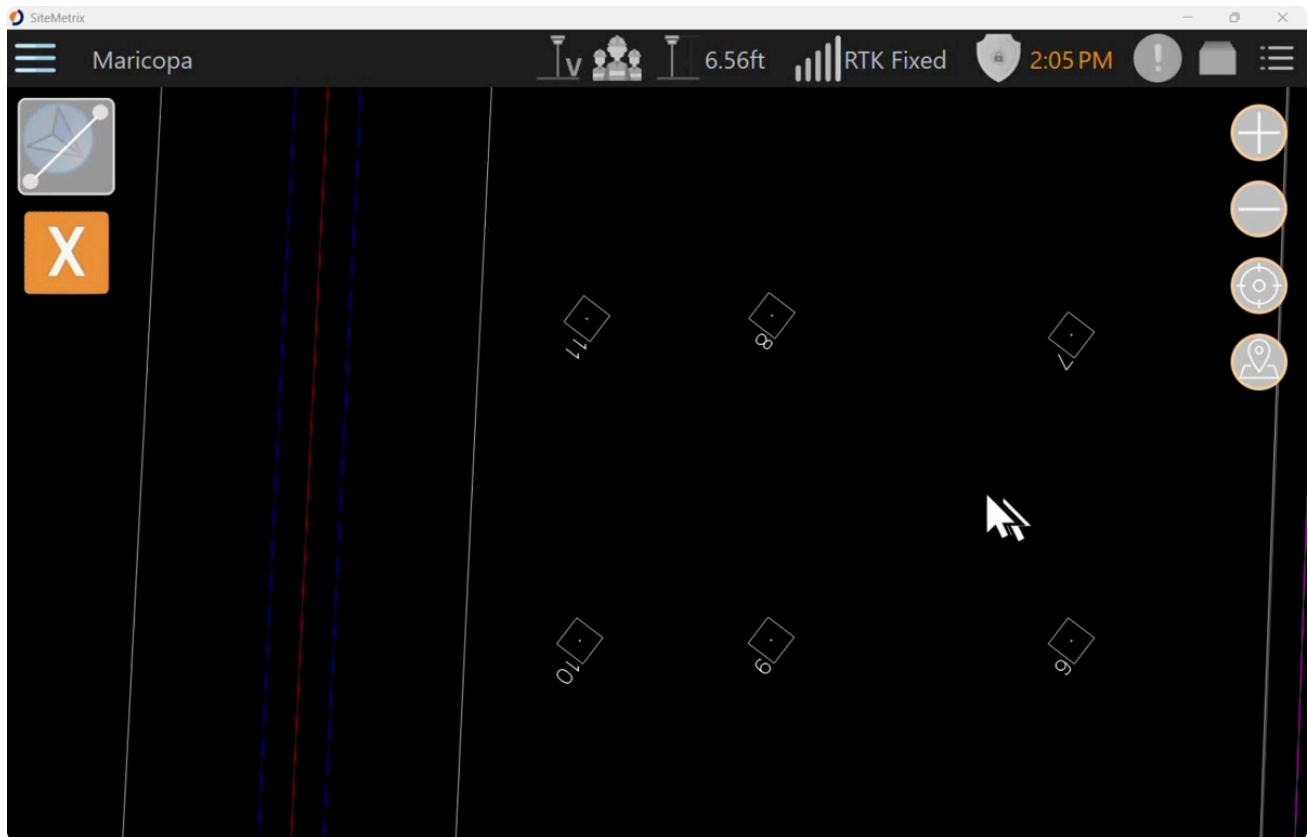
2. Change the Northing, Easting, Elevation, Description or Code with the keypad. The video changes points 6 to 9 to an elevation of 500 ft.



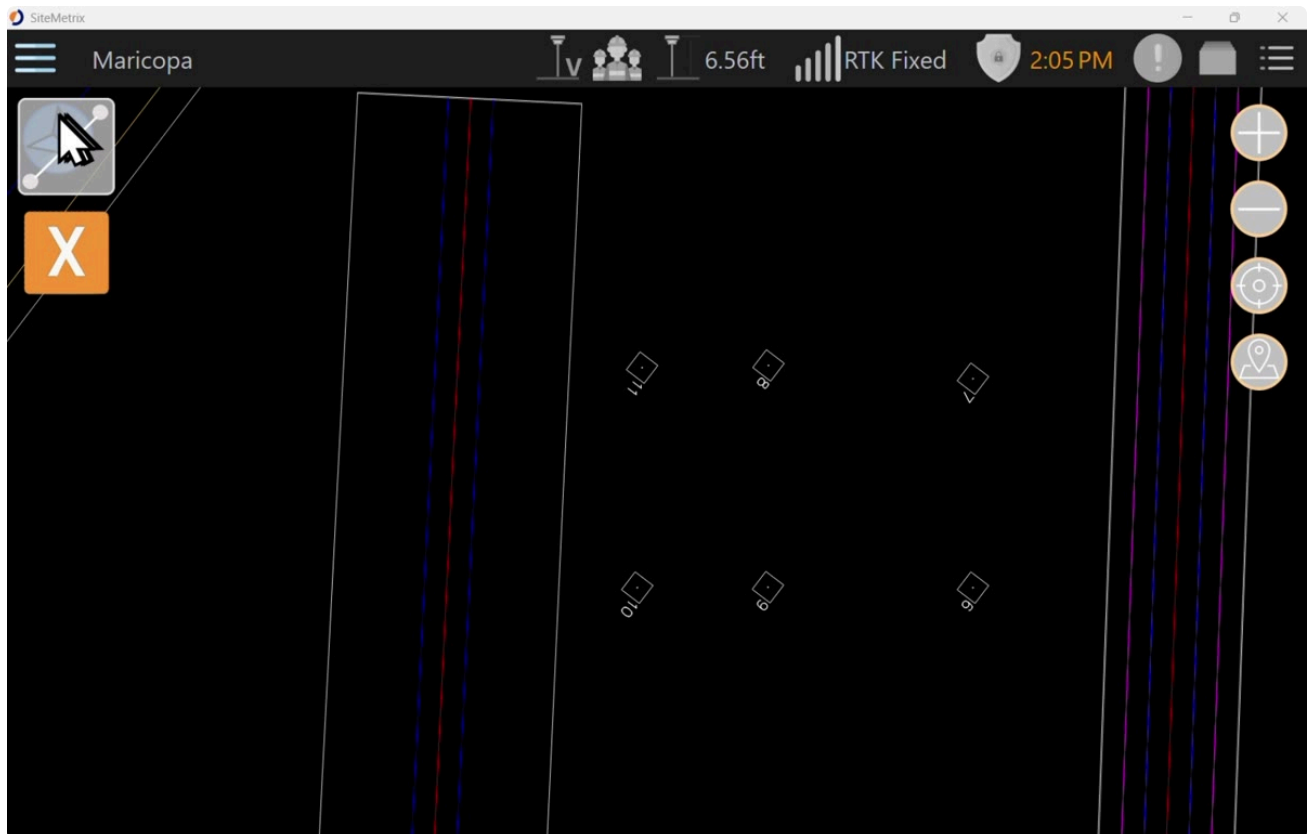
3. Tap **OK**.

Draw a line on the points map

1. Tap **Manage Points Map**. The points are shown on the map.

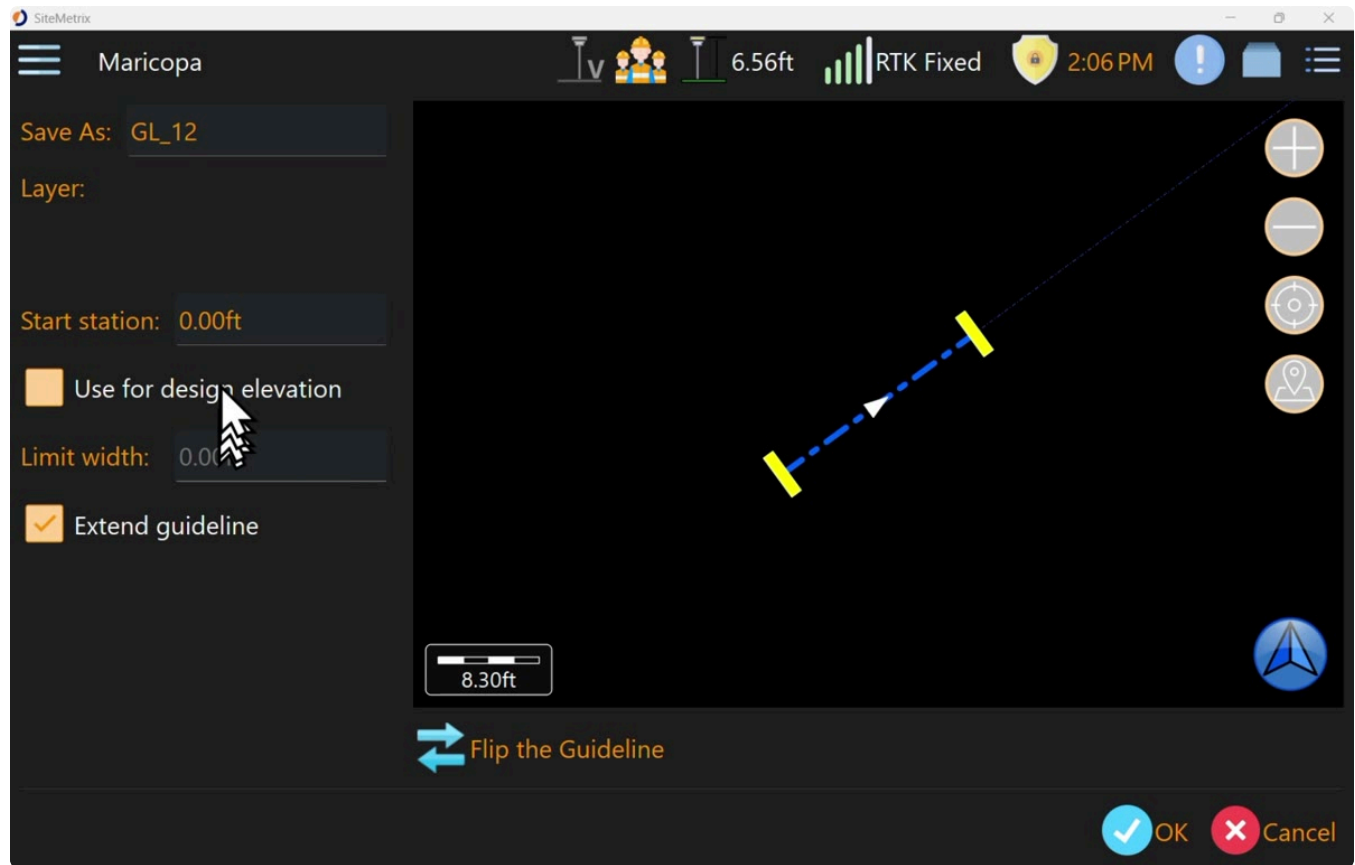


2. Tap the line tool (top left). Select two or more points in order, then tap the green check to confirm and create the line.



Use the line as a guideline

On the grade screen, tap the new line. The guideline box opens.

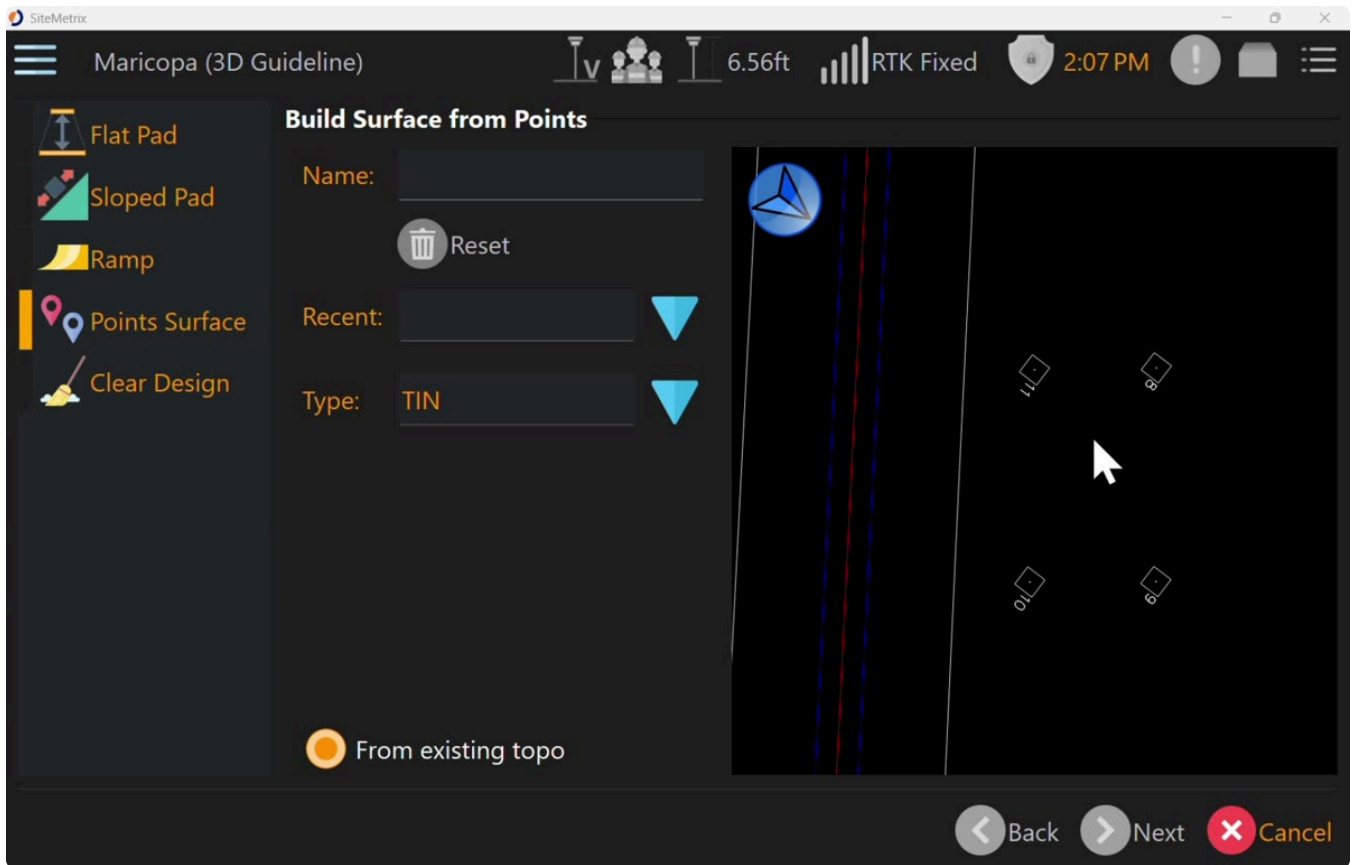


Set the options and tap **OK**. In the video **Use for design elevation** is ticked with a 4 ft **Limit width**, so the line's elevation becomes the design. The steering bar then guides along the line.



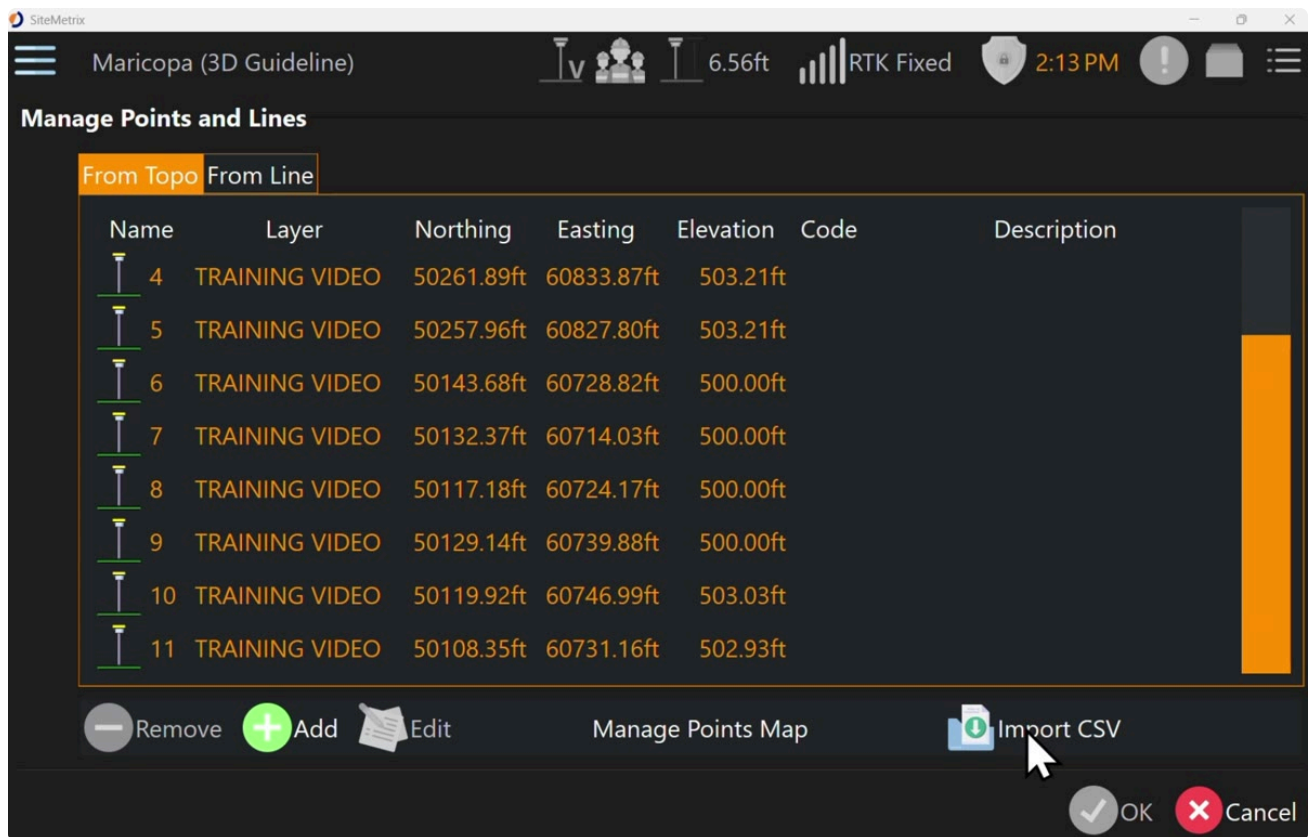
Build a surface from the points

Open **Field Design** and choose **Points Surface**. With **From existing topo** selected, the job's points are used to build a TIN surface.

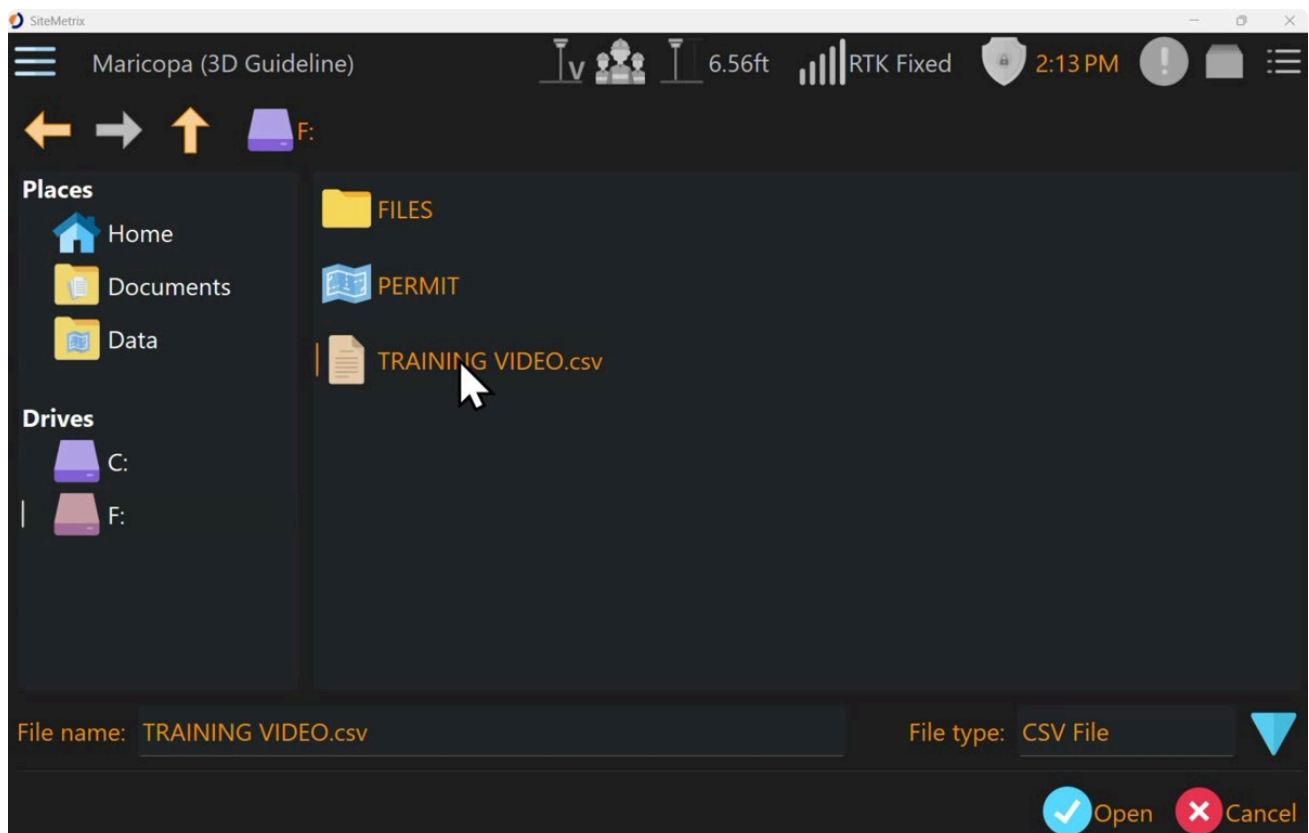


Import points from CSV

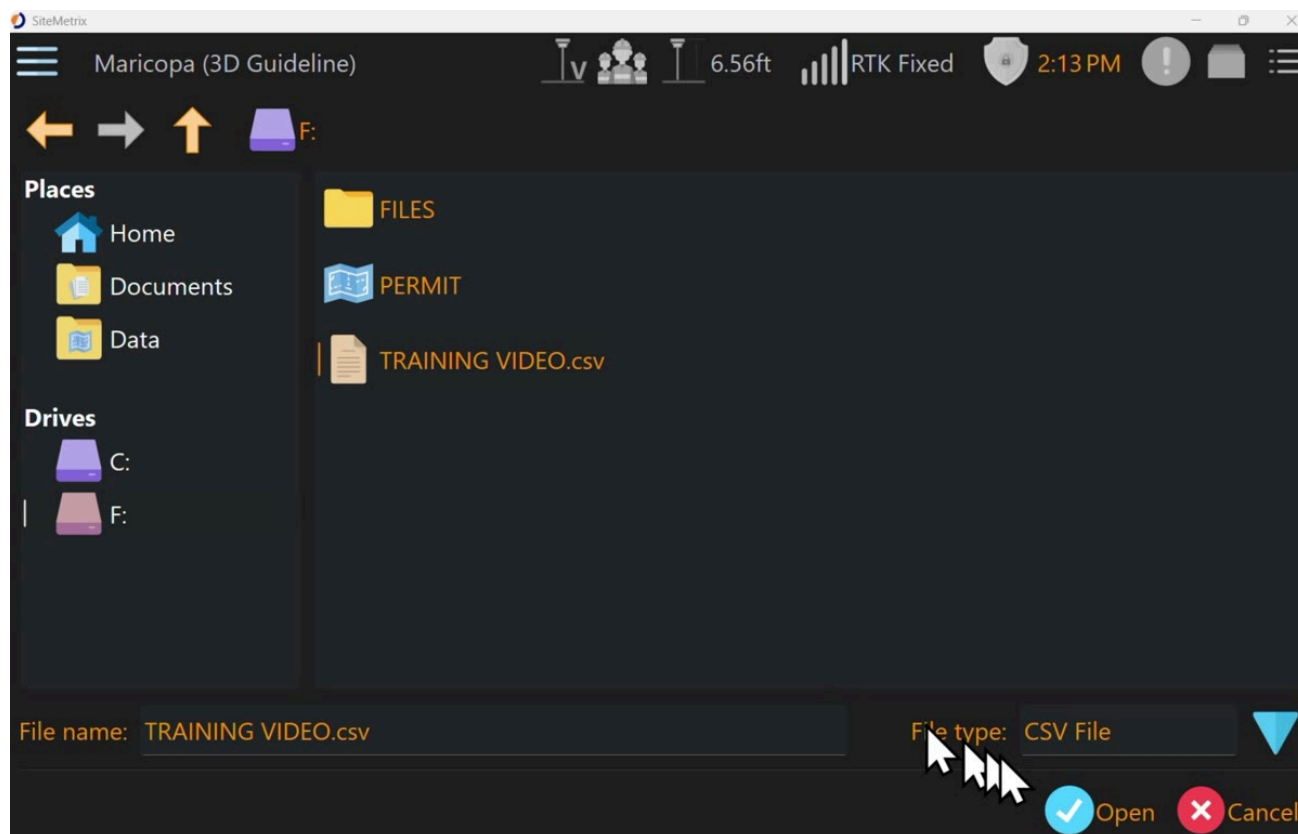
1. In Manage Points, tap **Import CSV**.



2. Tap the document icon, pick the CSV on the USB drive (TRAINING VIDEO.csv), and tap **Open**. Change File type to **All Files** if the file isn't listed.



3. Check the **Preview**.



4. Set **CSV Format** to match the file: Name, Northing, Easting, Elevation; Northing, Easting, Elevation; Name, Easting, Northing, Elevation; Easting, Northing, Elevation; or Custom.

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Maricopa (3D Guideline)

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Source File: TRAINING VIDEO.csv

File parsing options

Delimiter: Comma Text Qualifier: " Skip Rows: 1

CSV Format: Name, Northing, Easting, Elevation Custom Format

Preview

	Name	Northing	Easting	Elevation
16	50144.68	60729.82	500	
17	50133.37	60715.03	500	
18	50118.18	60725.17	500	
19	50130.14	60740.88	500	

OK Cancel

5. For **Custom**, tap **Custom Format** and match each column name to a CSV column number, then tap **Return To Preview**.

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File parsing options

Delimiter: Comma Text Qualifier: " Skip Rows: 1

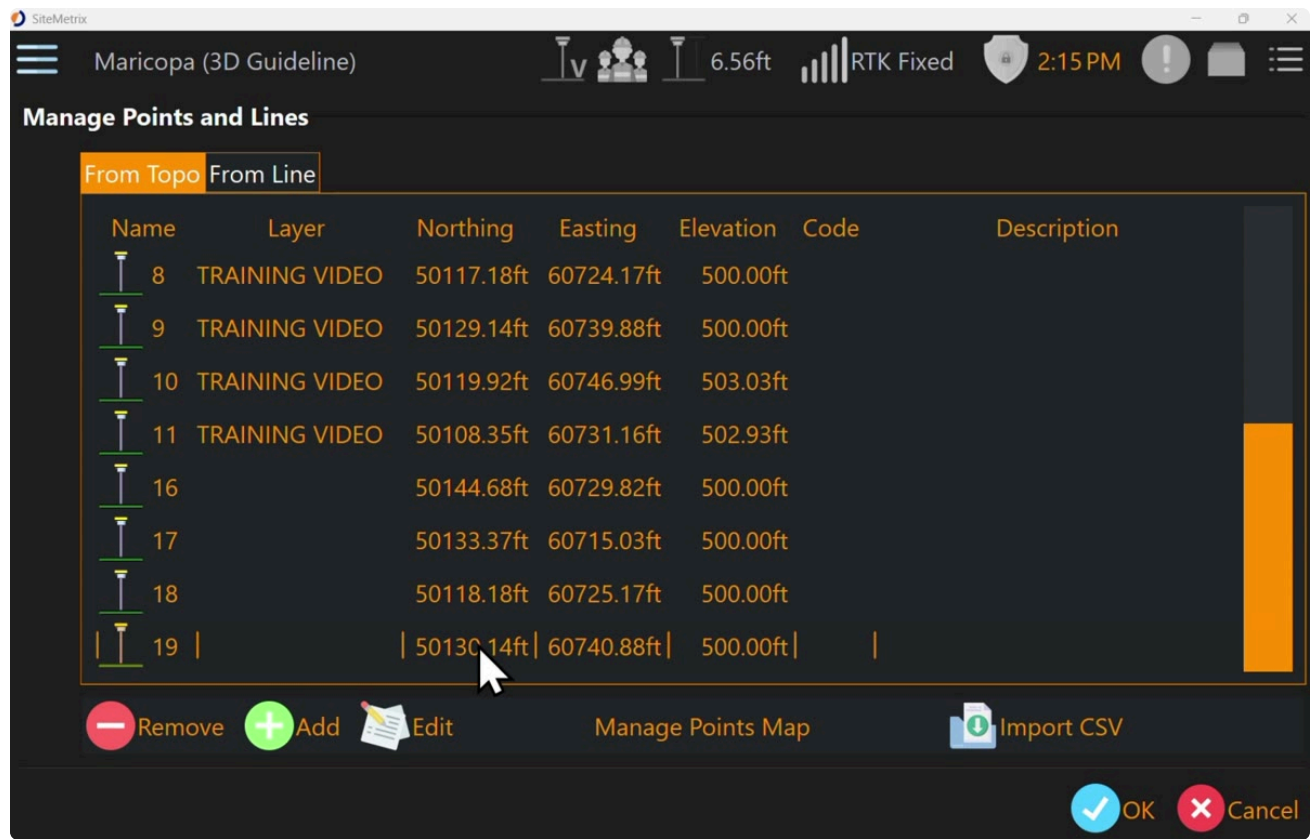
CSV Format: Name, Northing, Easting, Elevation Custom Format

Preview

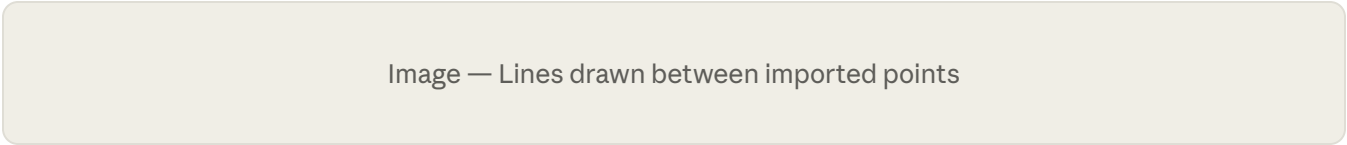
	Name	Northing	Easting	Elevation
16	50144.68	60729.82	500	
17	50133.37	60715.03	500	
18	50118.18	60725.17	500	
19	50130.14	60740.88	500	

OK Cancel

6. Tap **OK**. The new points (16 to 19 in the video) are added to the list.



The imported points can be joined into lines on the points map the same way.



Tap **OK** to save changes in Manage Points, or **Cancel** to discard them.