

T3RRA



6.8 | Drain Surveying specific edit controls

October 2026

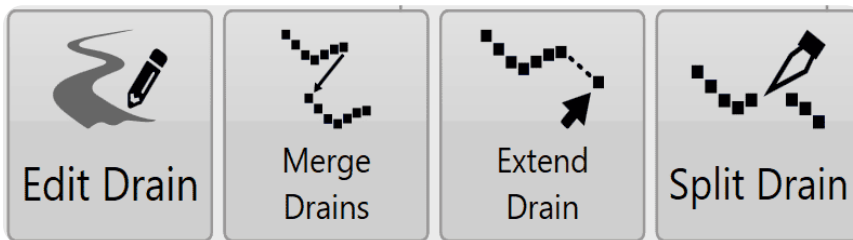
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6.8 | Drain Surveying specific edit controls

These tools are available in the **Collection** and **Surfacing** stages when drain survey points exist.

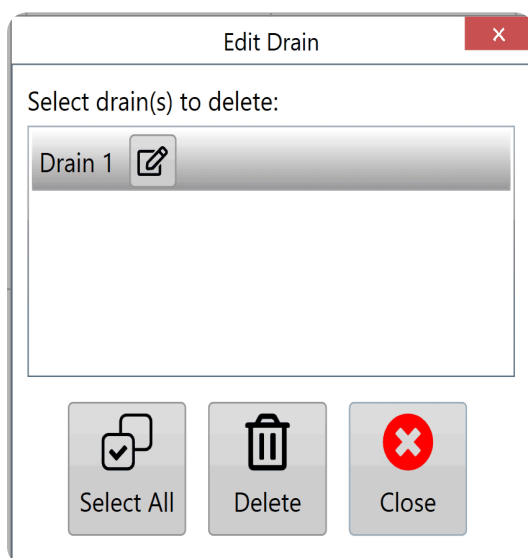
- Edit Drain
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Edit Drain



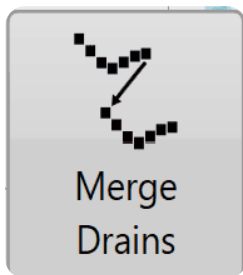
Use this button to edit complete drain paths in the project.



Press **Edit drain** to open a window listing the available drain paths. Select a drain, then press the corresponding button to rename or delete it.

Merge drains

Use this tool to join two drains at either end. Merging creates a copy of the original drains with a joining line. You then have the option to delete the originals.



Merge Drain

First drain:

Tail Drain 1

Merge point:

☐ A ☒ B

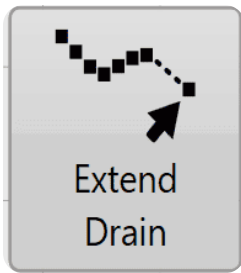
Second drain:

Tail Drain 2

Merge point:

☒ A ☐ B

Extend drain

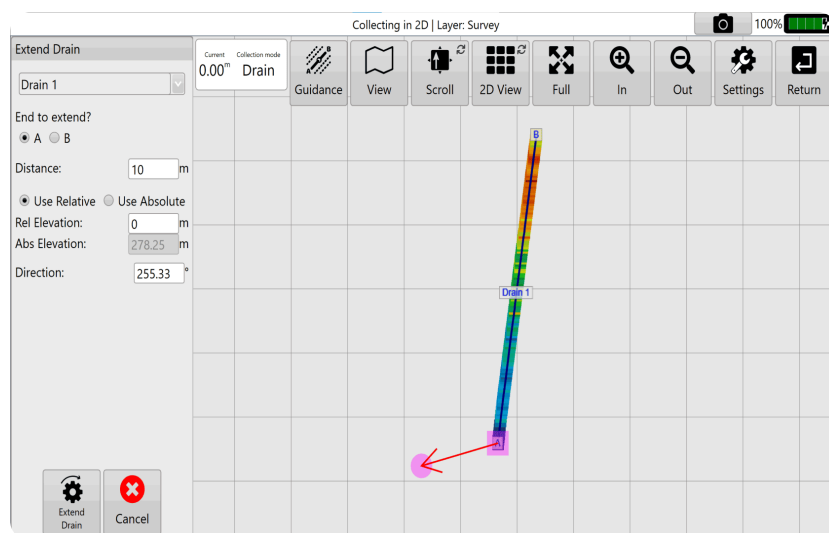


Use this tool to extend a drain from either end of its surveyed path. This is useful when the drain needs to reach a location that the surveying vehicle could not access directly.

Press **Extend Drain** to open the extension screen. You can extend the drain in any direction.

The red arrow indicates both the direction of the extension and the end of the drain that will be extended.

Use the controls on the left to select a drain. Then choose the extension's length, elevation and direction.



Rel elevation adds or subtracts the entered value from the existing drain end's elevation to calculate the extended end's elevation.

Abs elevation sets the extended drain end's elevation to the entered value.

For example, to extend a drain 1ft below an ending elevation of 100ft, use either of these values:

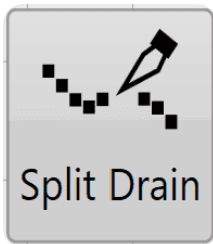
Rel elevation value: -1ft

Abs elevation value: 99ft

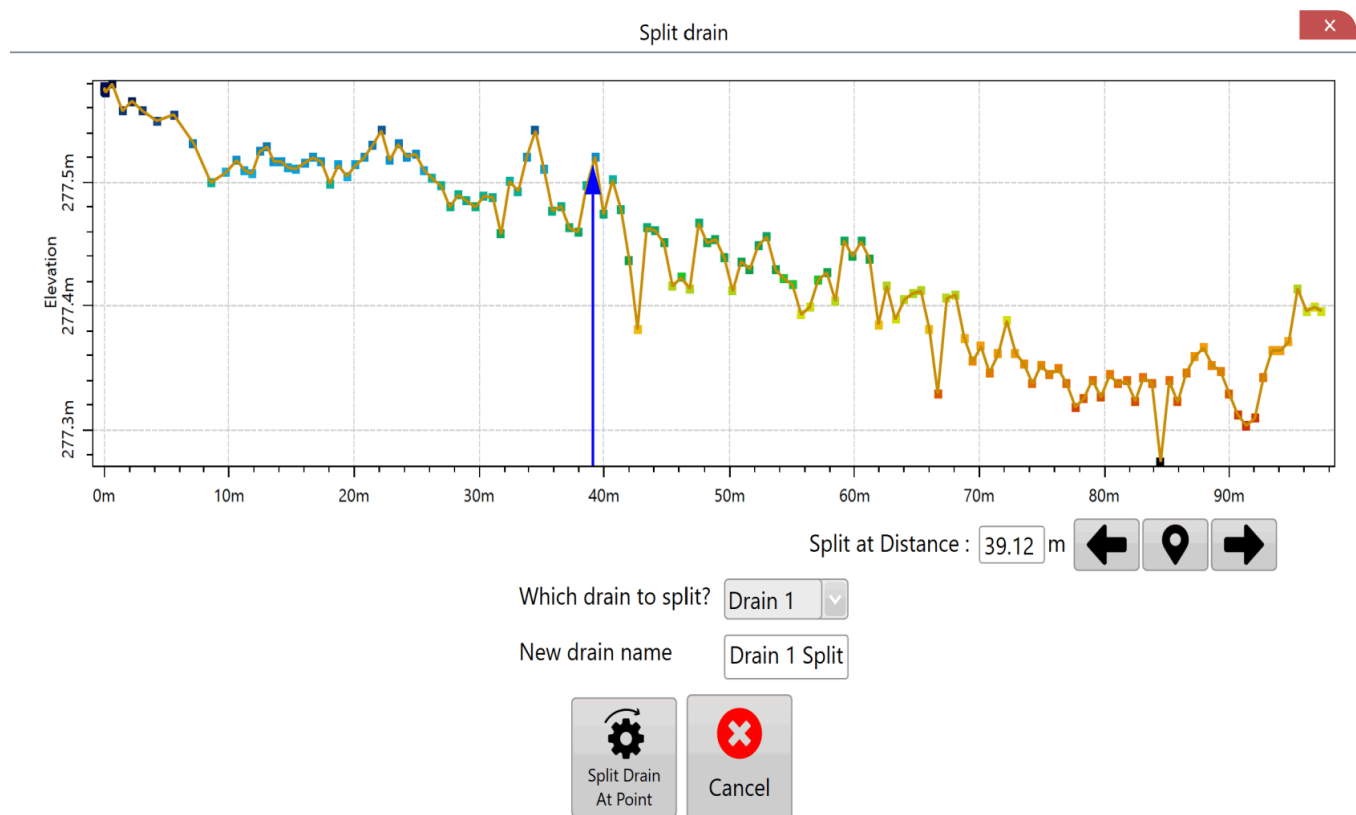
After making the adjustments, press **Extend Drain**.

Split drain

Use Split drain to divide one drain into two separate drains.



First, select the drain from the **Which drain to split?** drop-down menu at the bottom center.



After selecting a drain, press anywhere along its profile. A blue arrow shows where the split will occur. You can also move the arrow using the left and right arrows to the right of **Split at Distance**.

Choose the Marker button to create a Marker for reference.

Enter a name in **New drain name**. When the settings are satisfactory, press **Split Drain At Point** to apply the split.

NOTE: The new drain name must differ from every existing drain name. If it matches an existing name, **Split Drain At Point** is disabled.