

T3RRA



7.9 | Offset Design

October 2026

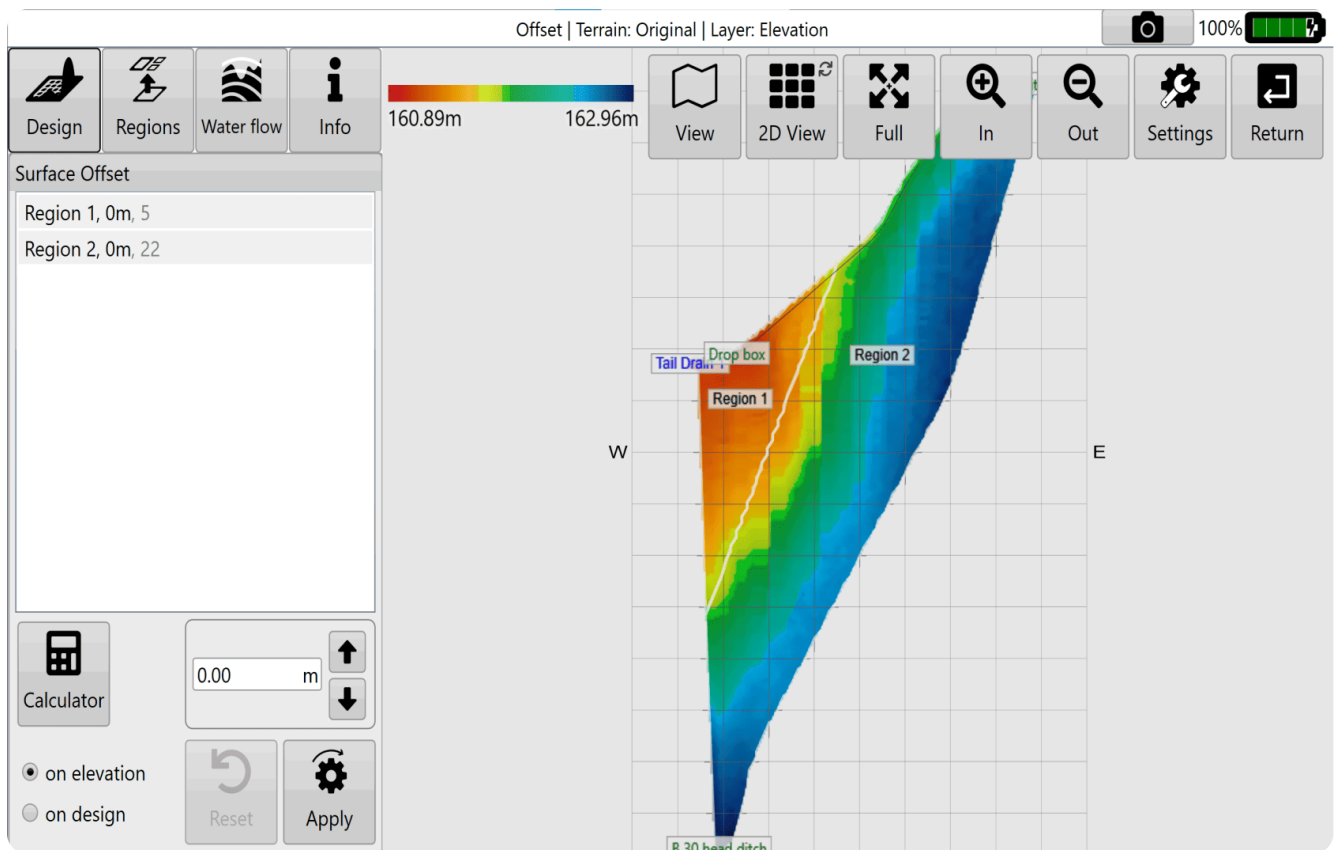
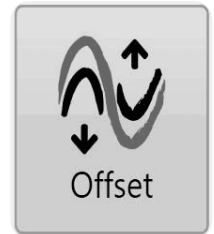
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Select the '**Offset**' button to raise or lower the surface height of a field or region. This can help with:

- Importing and exporting dirt
- Addition or removal of topsoil
- Raising pads



[Watch the Offset Design video on YouTube](#)

You can either:


Design


Regions


Water flow


Info

Surface Offset

Region 1, 0m, 5

Region 2, 0m, 22


Calculator

m

↑
↓

☒ on elevation
☐ on design


Reset


Apply

- Manually enter the desired offset amount (This can also be adjusted in set increments using the arrow buttons).
- Use the calculator to adjust the offset amount. The calculator is useful if you want to offset the surface by a certain volume of imported or exported dirt.
 - Formular (Click '?' button to see)
$$\text{Left over volume} = (\text{Cut/Fill ratio} * \text{Volumn of cut}) + \text{Volume of fill.}$$

$$\text{Result} = (\text{Import} + \text{Left over volume}) / \text{Selected area}$$

Offset Calculator

Regions:

Field, Sha

Cut/fill ratio:

1.000

Import (m³):

0

Result:

0.00

m

?

Ok

Cancel

Negative import values are considered exports.

Press **'Apply'** (shown as the offset design icon) after parameters are entered.

Once you are happy with the design follow the steps in the ['completing your design'](#) section.