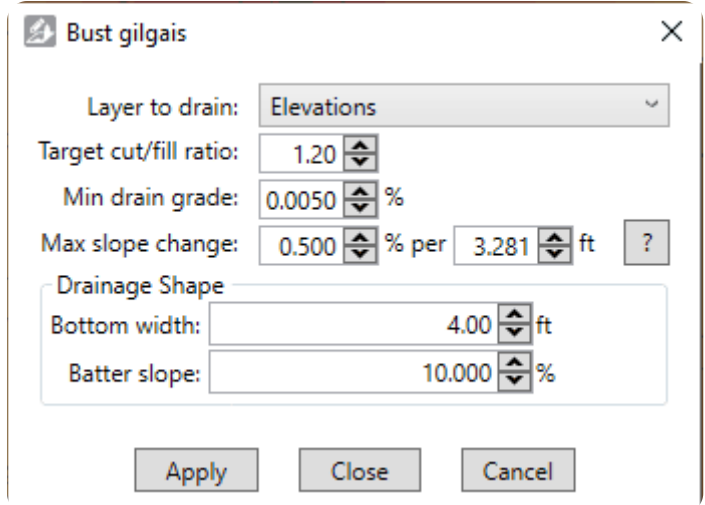


Bust Gilgais

'Bust Gilgais' breaches and evens out depressions (also known as melon holes or gilgais) in the field while moving as little dirt as possible. It is a blend between breach depressions and fill depressions.

- 'Layer to drain' lets you choose the elevations to use. It lists the layers in the Surface tab.
- 'Target cut/fill ratio' lets you adjust how the design balances dirt with compression/compaction of cuts.
- 'Min drain slope' sets the target slope that can be used in drain lines to drain gilgais. The resulting slope may be less to fit the target cut/fill ratio.
- 'Max slope change' controls the smoothness of the surface. Decreasing this can increase trafficability, but will increase the time it takes for the tool to complete.
- 'Drainage Shape' will set an ideal cross section for how the gilgais should be drained. The system will try to ensure that each breach matches these settings as closely as possible. Widening the drainage shape will also help make the design more trafficable.



Bust gilgais [X]

Layer to drain: Elevations

Target cut/fill ratio: 1.20

Min drain grade: 0.0050 %

Max slope change: 0.500 % per 3.281 ft ?

Drainage Shape

Bottom width: 4.00 ft

Batter slope: 10.000 %

Apply Close Cancel

Helpful tip: If you know where a lot of melon holes are, try placing a drain nearby in the design before using this tool. This will straighten the busting lines that converge on the drain.