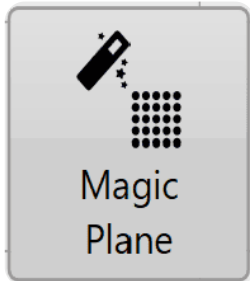


Magic Plane



The Magic plane is a shortcut method for creating a

plane of survey points without actually having to collect them. This can be used when the grade and direction of the desired plane is known and getting accurate cut/fill volumes is not required. An example would be a building pad.

NOTE: If you use 'Magic plane' as your original surface you are unlikely to be able to create an accurate cut/fill map. This is because the newly created plane is unlikely to match the actual real world surface. Any cut/fill map created from a design you place on a 'Magic plane' will be relative to it, and not the real world surface.

Start Point Center Edge

Field Length m

Field Width m


Direction °


Slope Percentage %

Secondary Slope

Enable secondary slope

Slope Percentage %


 Apply


 Cancel

Start Point - The 2 options

available are center or edge, this will generate the magic plane with your current location (or the location of some pre-existing surveyed points) at the center, or at the center of an edge.

Field Length - This is the length of the magic plane and can be adjusted as needed.

Field Width - This is the width of the magic plane and can also be adjusted as needed.

Direction - This sets which direction the magic plane is oriented.

Slope Percentage - This sets the degree of the slope.

Secondary slope - This is enabled by selecting the “Enable secondary slope” check box. (the secondary slope runs at 90° to the primary)
