How To Create A Platform Within Another Platform

Earthwork · https://mes100.com/docs/ew3d-create-platform-within-another-platform/

Project reference MiTS: **HERE**

A different level of platform is needed to be built on another level of platform. As an example as shown in Image 1, the pond (pl: 25.50 m) is located on a platform which has different level of platform (pl: 28.50).

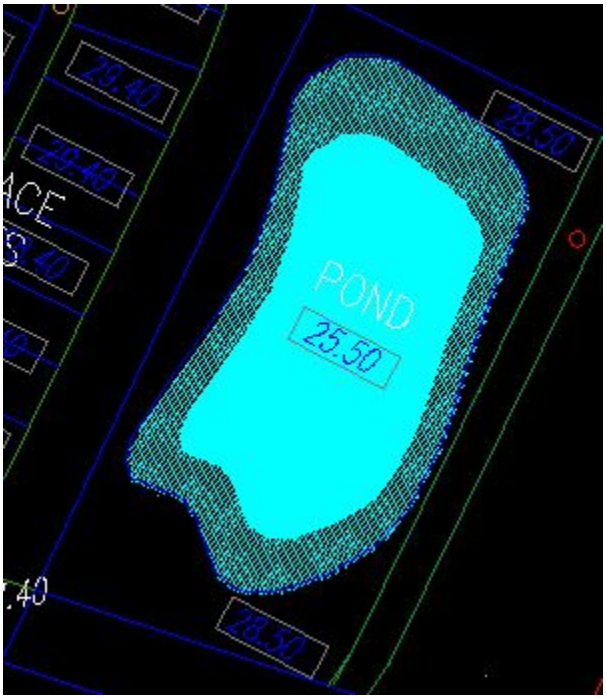


Image 1 Pond platform (25.50 m) on another platform level (28.50 m)

Solution

In order to avoid overlapped platform in the software, the platform edge of the outer area is drawn outside of the pond area. To make task easier, false lines are drawn as shown in image 2.

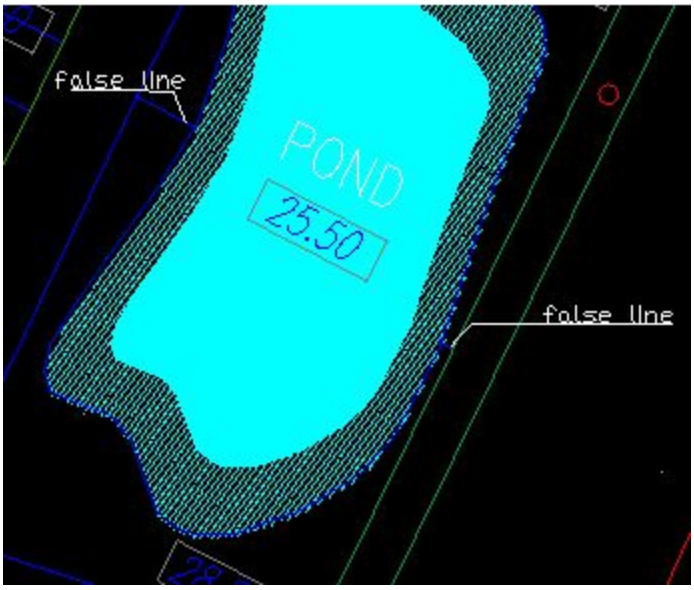
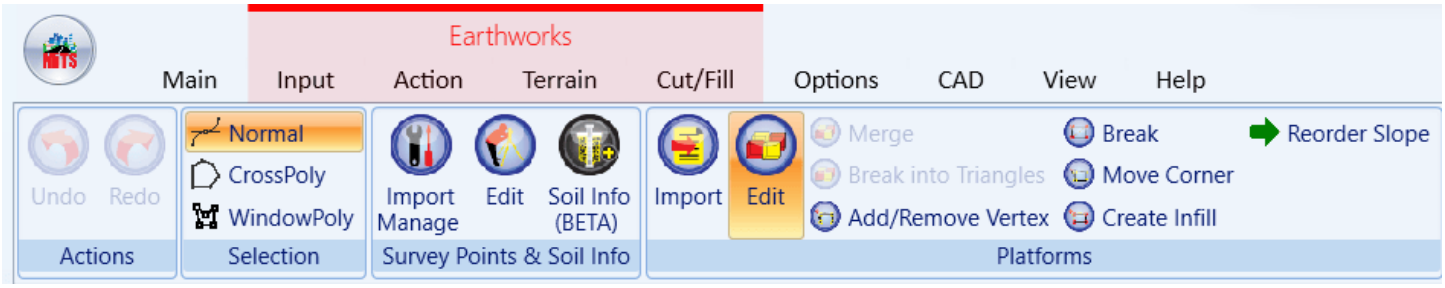


Image 2 Two false line were created before being imported into software

Go to:

1. Input >> Platform >> Edit



2. Create a platform for the pond as in Image 4 and input the platform level.

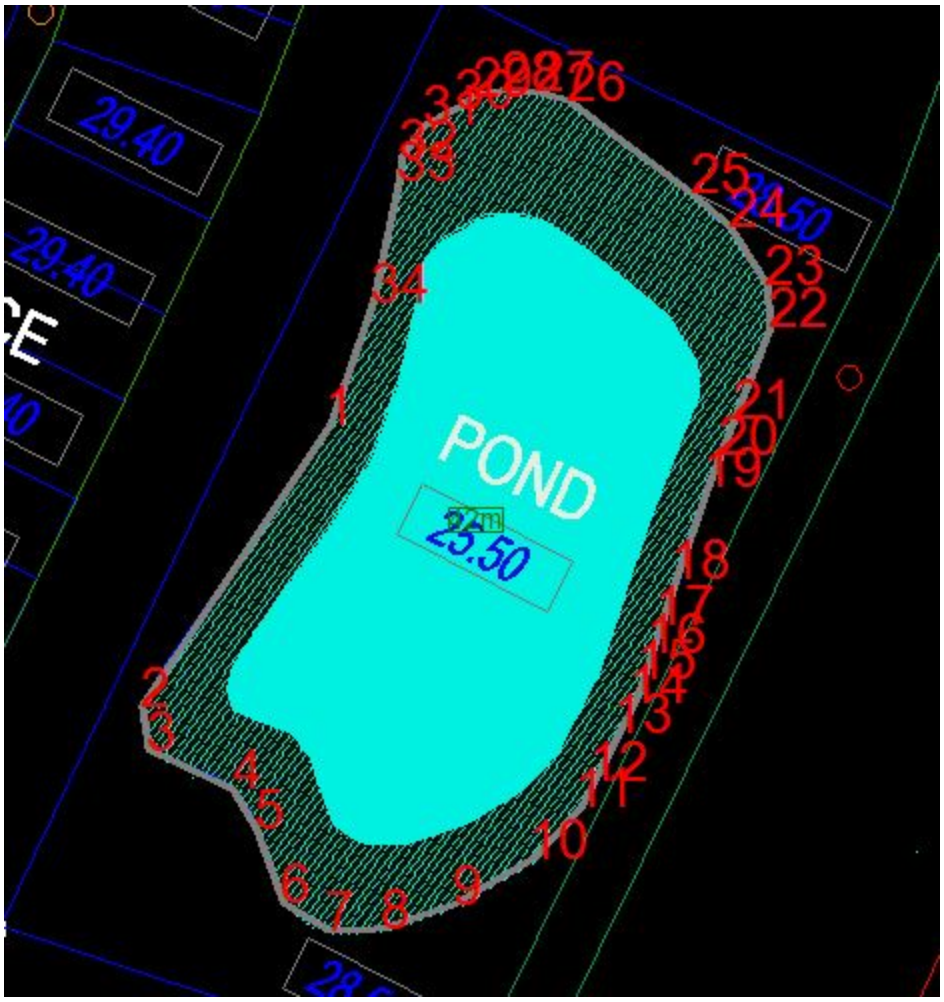


Image 4 Create pond platform

3. Create a platform for the outer area as shown in image 5 and image 6, then input platform level subsequently.

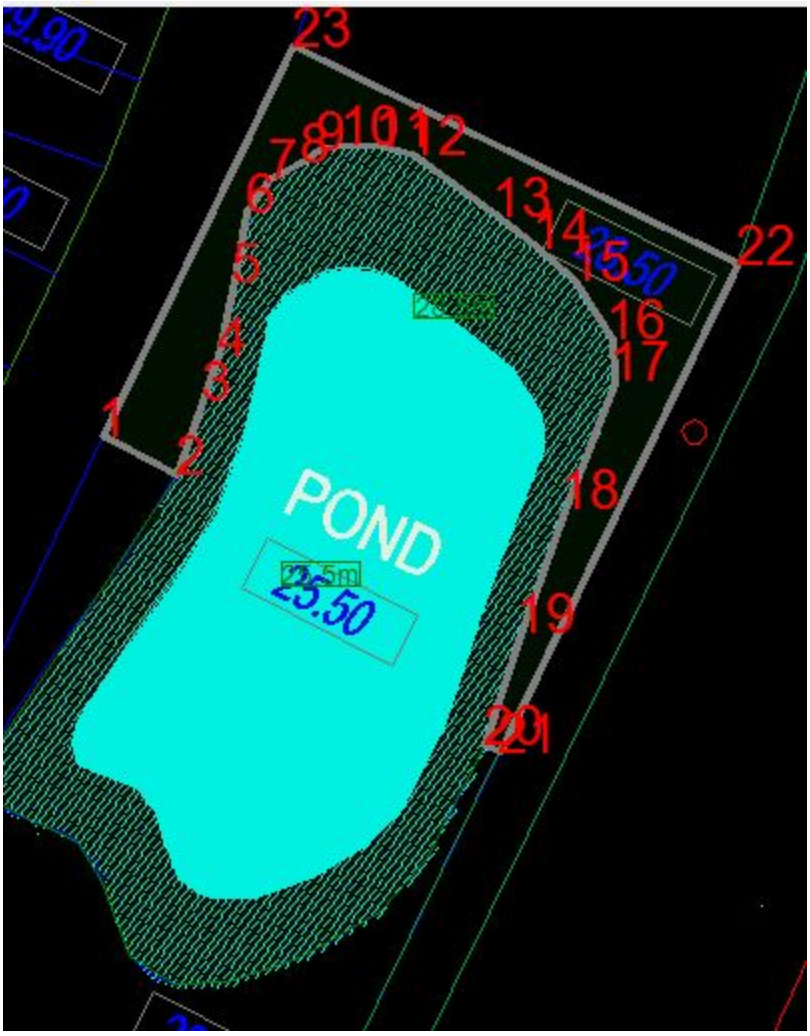


Image 5

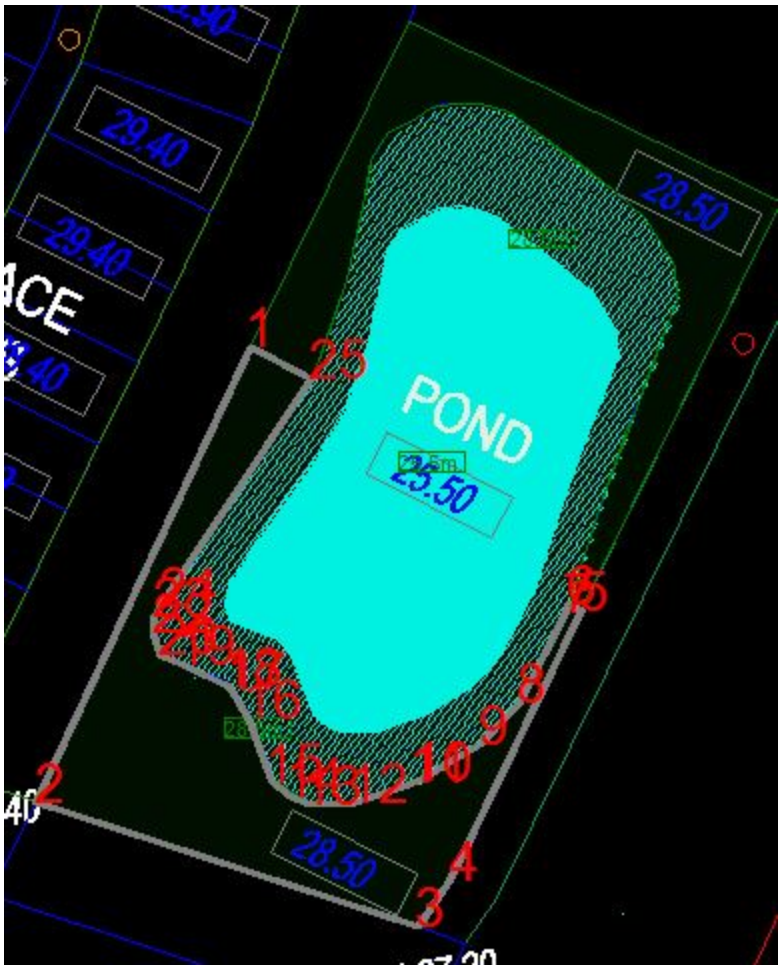


Image 6

Software Analysis

Create Cut Section

1. Input >> Cut Section >> Individual

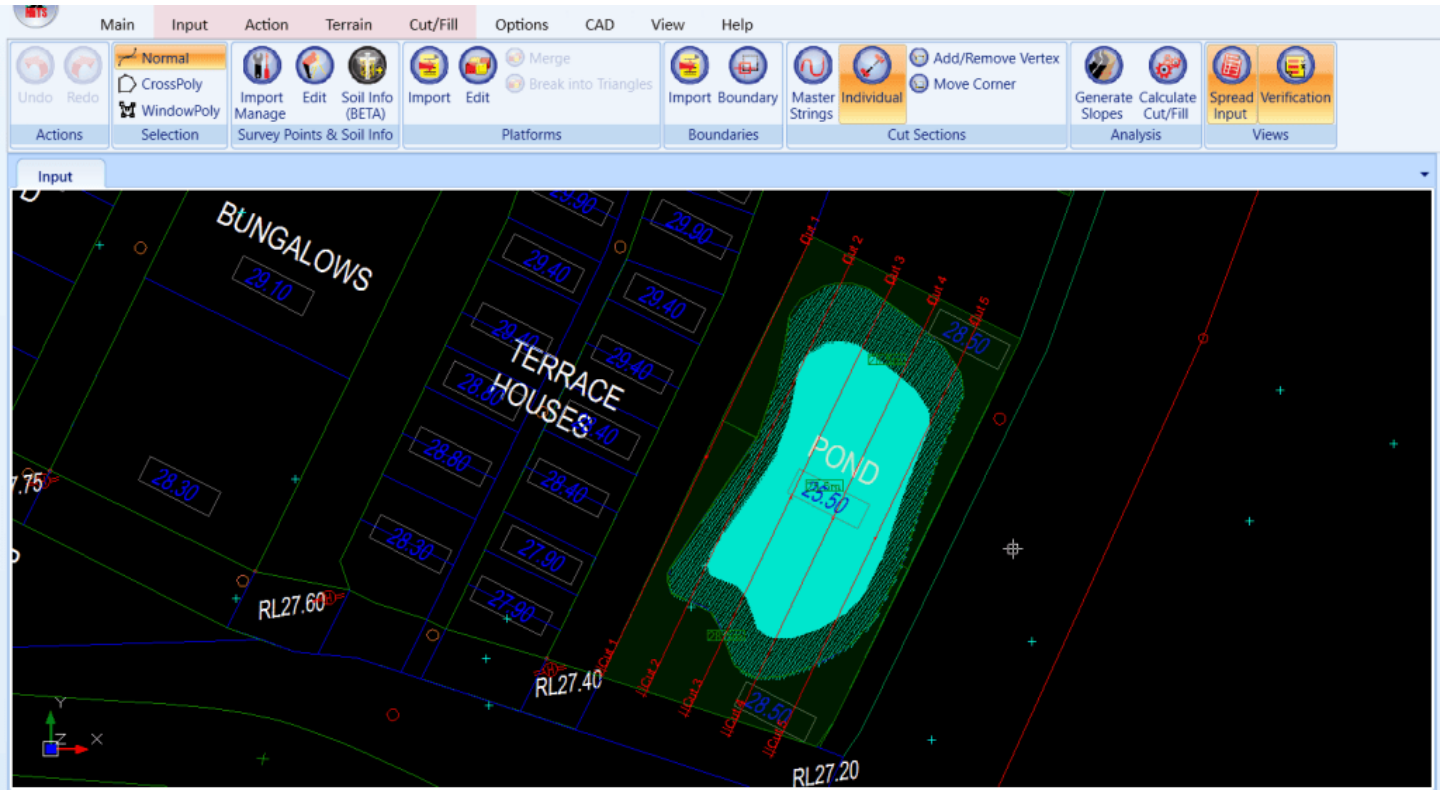


Image 7 Cut sections are created across the platform

2. Click Analyse

3. Terrain >> Cut Section >> Single View

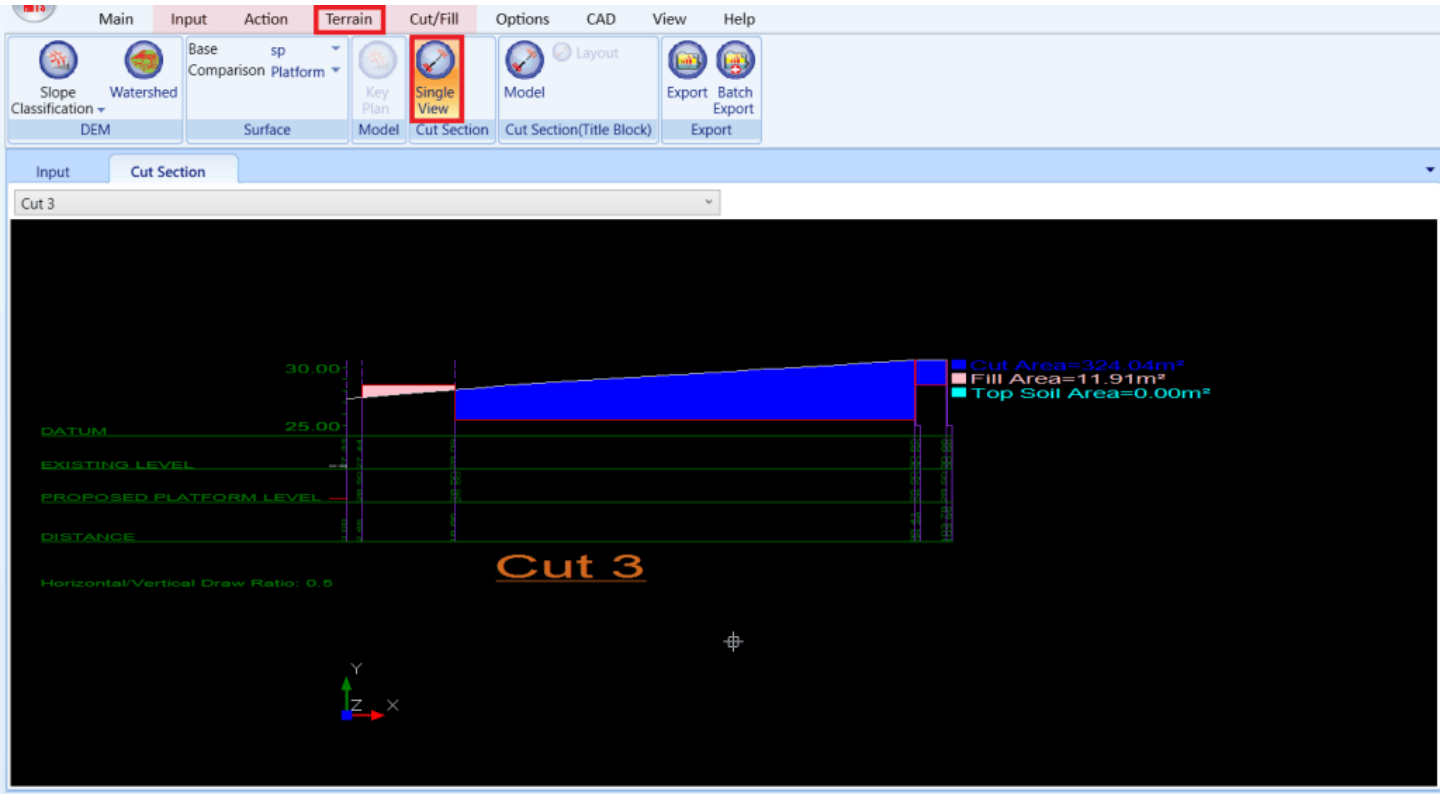


Image 8 Cut section across the platform

Analysis shows that the platform of pond has been created.

3D Platform

Go to:

Main >> View >> 3D

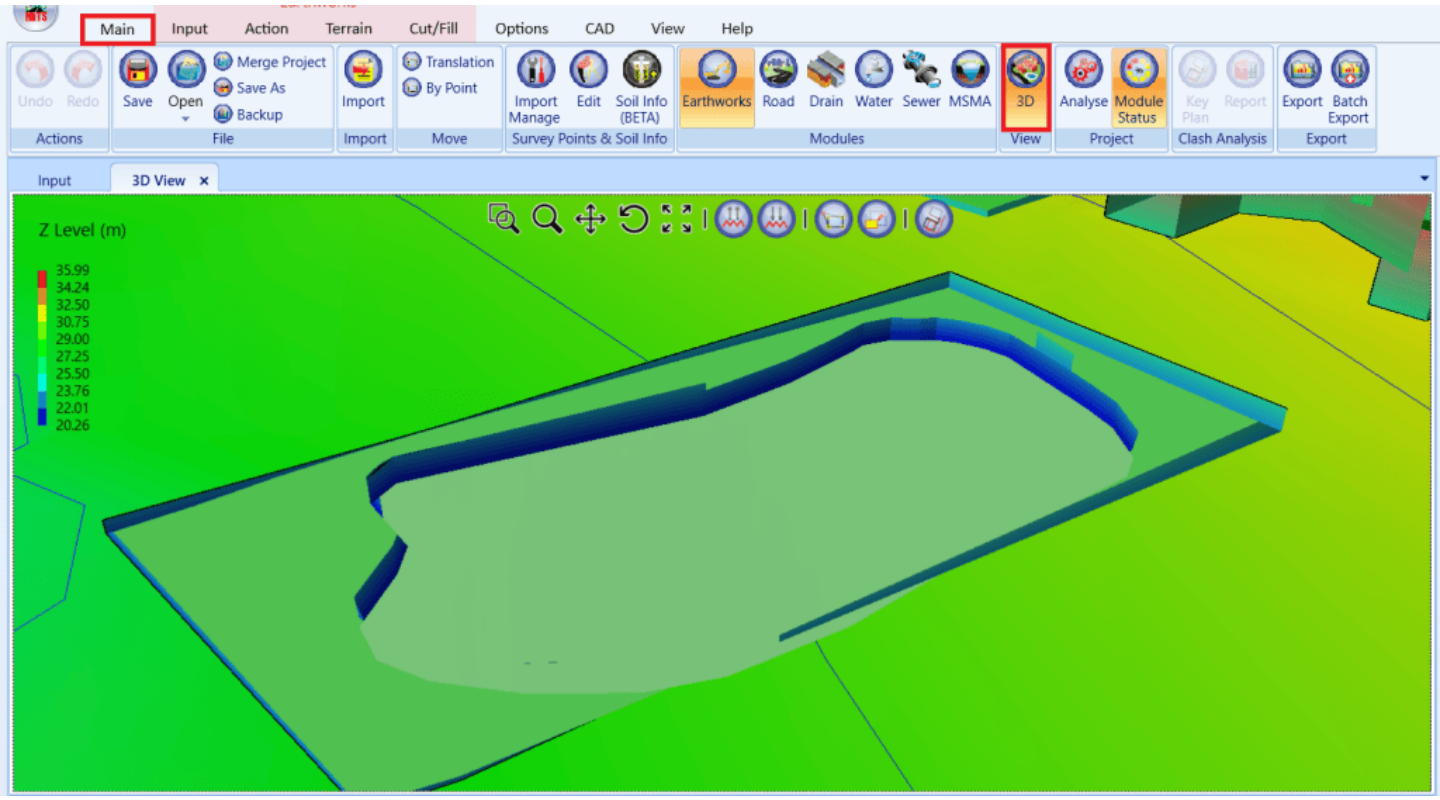


Image 9 3D platform view

Image 9 shows that the pond platform has successfully created and the platforms are not overlapped.

Related



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I’m the Benevolent Dictator for Life for MiTS Software cum Editor of this website. Read more here.

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