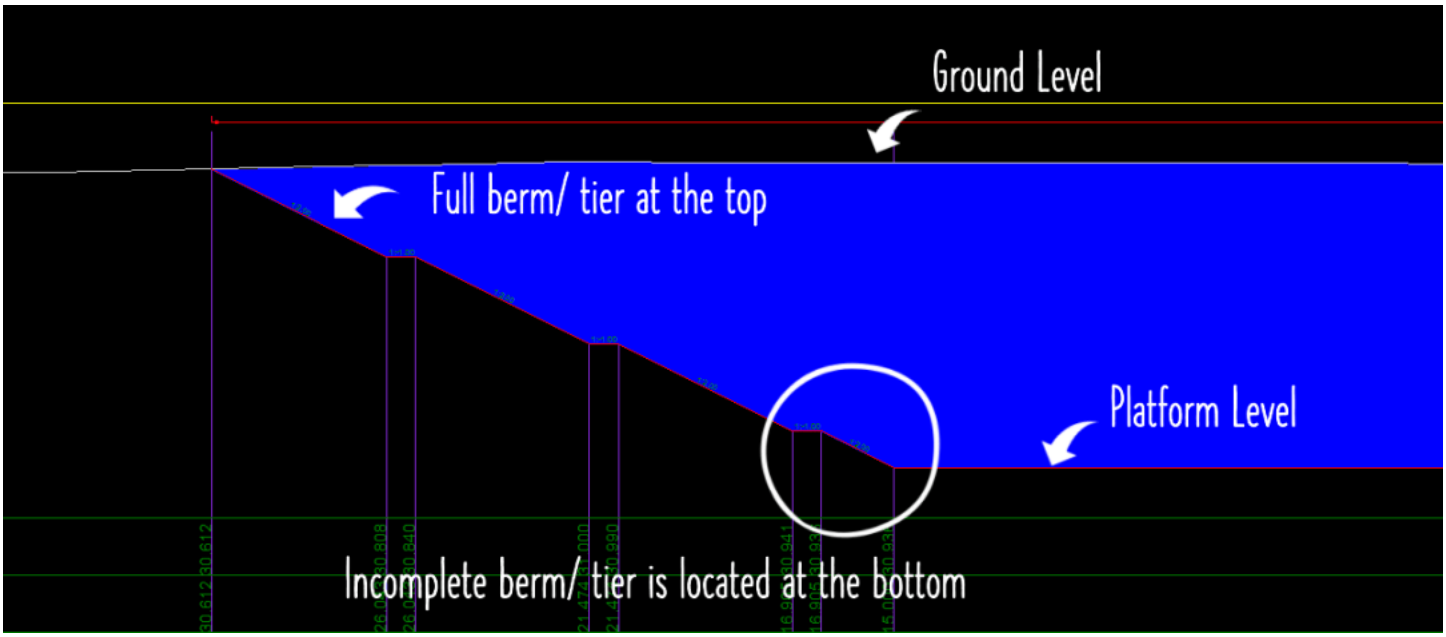
Reorder Slope

Platforms · https://mes100.com/docs/reorder-slope/

Reorder slope is used when **(1) the platform is set to Slope In** and **(2) the platform level is lower than the ground level**. It is used to “reverse” the slope direction so that full berm will be located at the bottom part. An example is as below

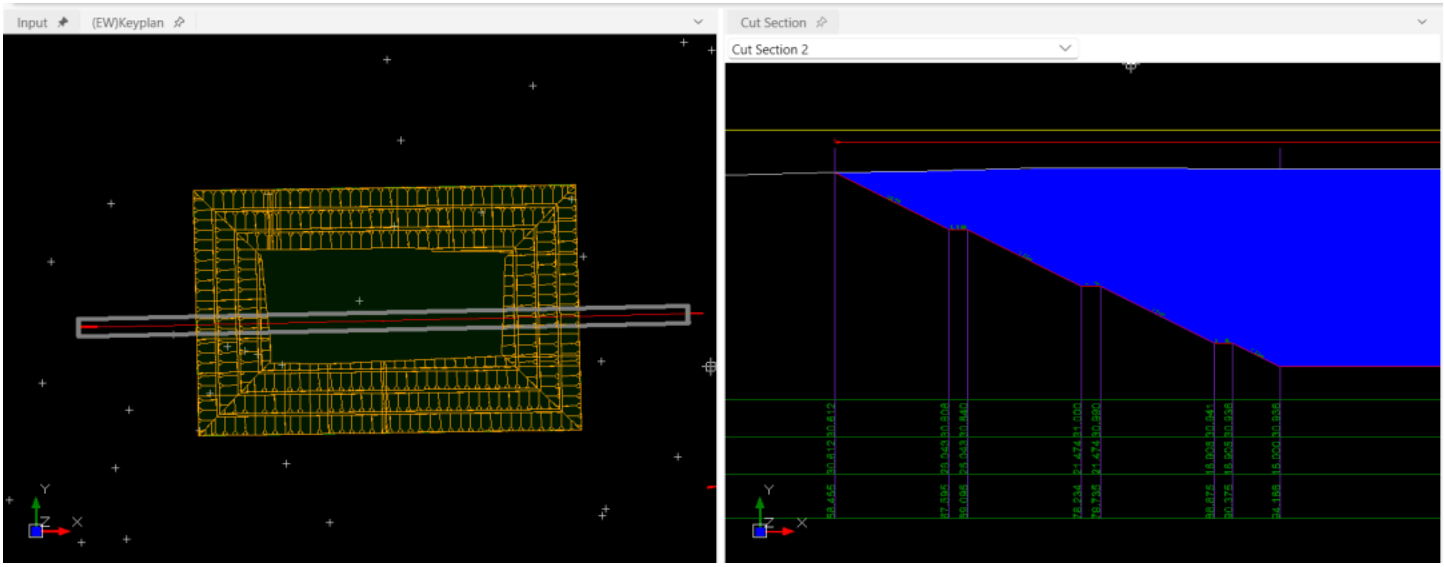
Issue:

Full berm is located at the upper part of the slope

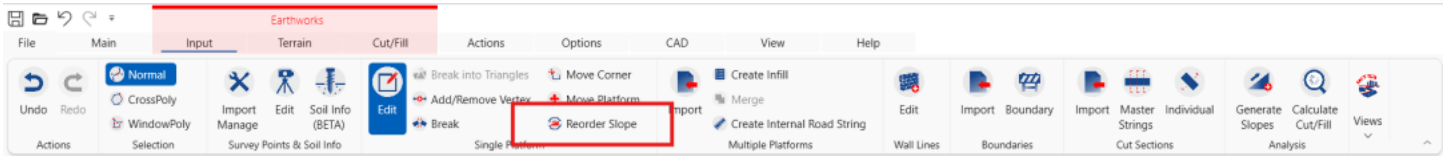


Steps to use Reorder Slope:

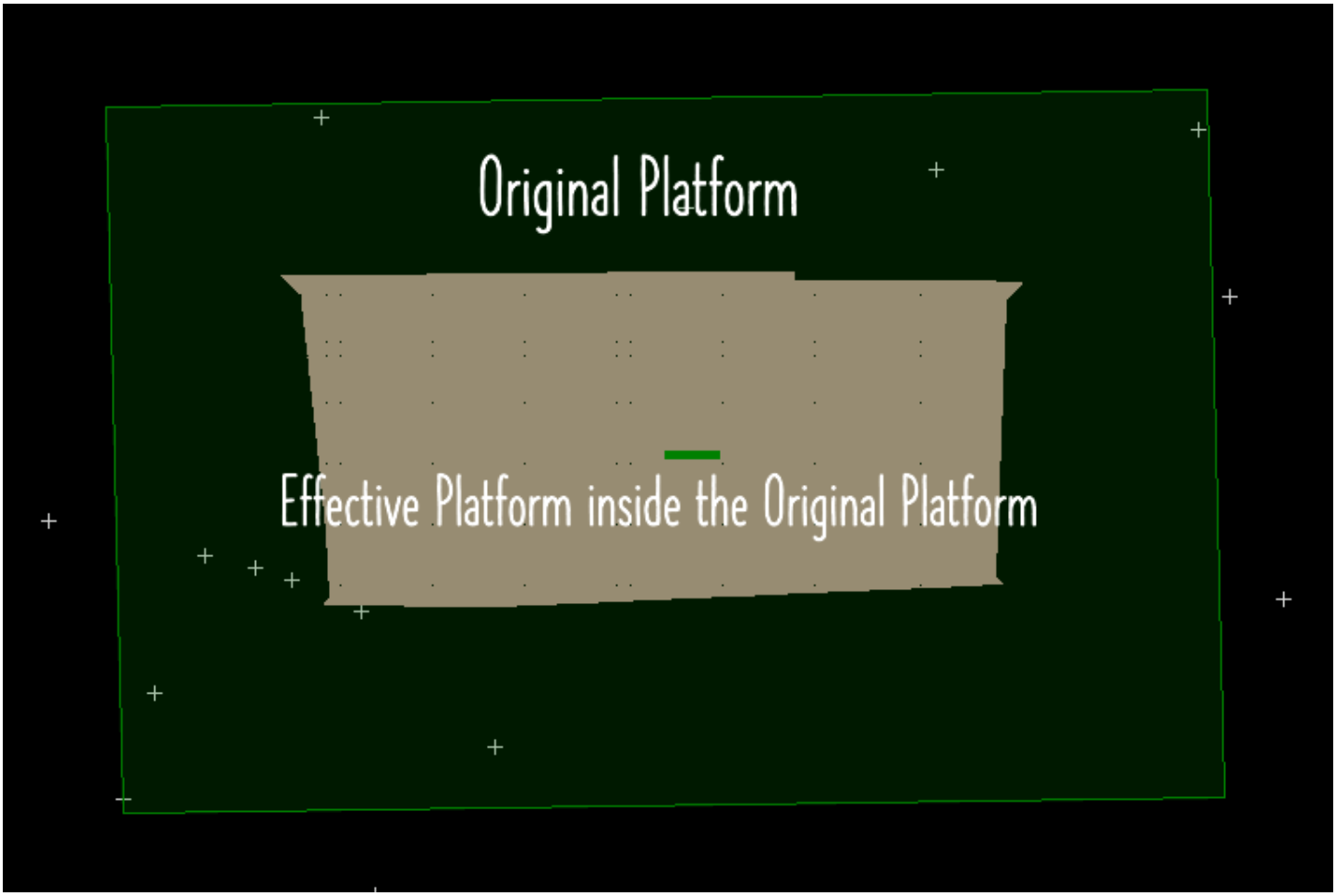
1. The slope is as per image below



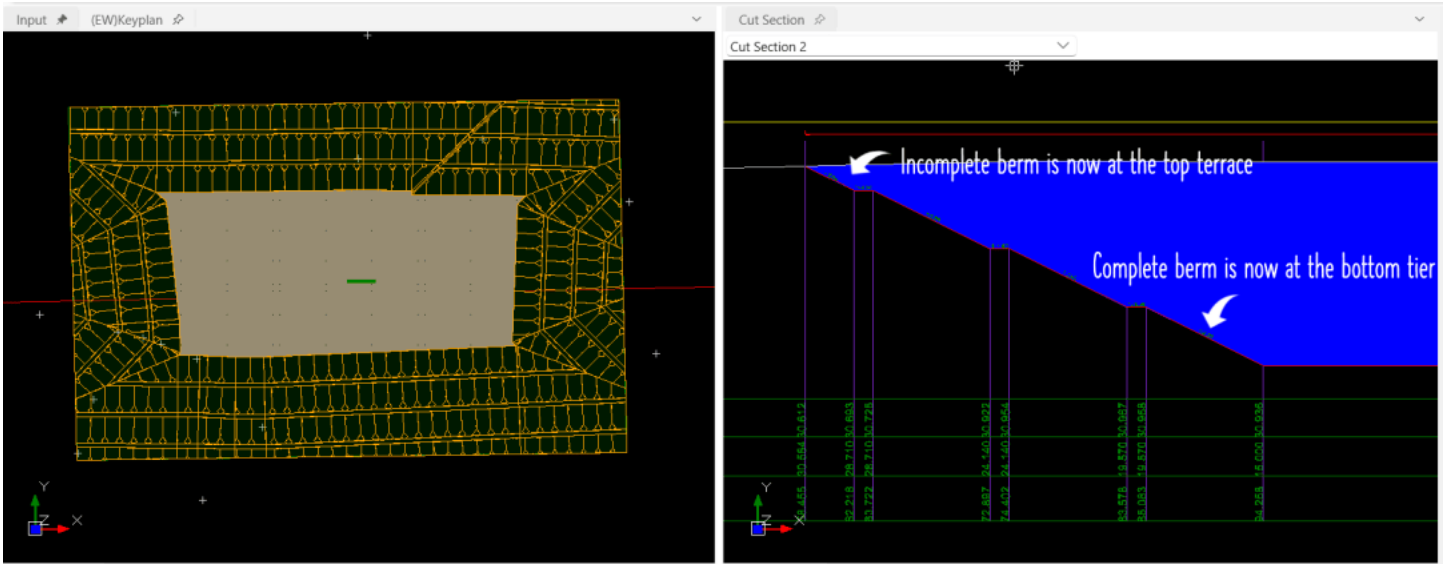
2. To create the Effective Platform, click on “Reorder Slope”



3. Then draw an effective platform inside (by tracing the toe slope line).



5. Click on “Generate Slope” again to generate a new slope, with the full berm located at the bottom part.



User may refer to “**How to Solve Issue on Full Berm at the Top Part of the Slope in MiTS 2 (Reorder Slope Function)**” blog post and video below for more info.

Embedded media:
https://www.youtube.com/embed/HGxOCWJIie8?version=3&rel=1&showsearch=0&showinfo=1&iv_load_policy=1&fs=1&hl=en-US&autohide=2&wmode=transparent&enablejsapi=1

Reorder Slope Project File

Before Reorder Slope **Project File**

After Reorder Slope **Project File**

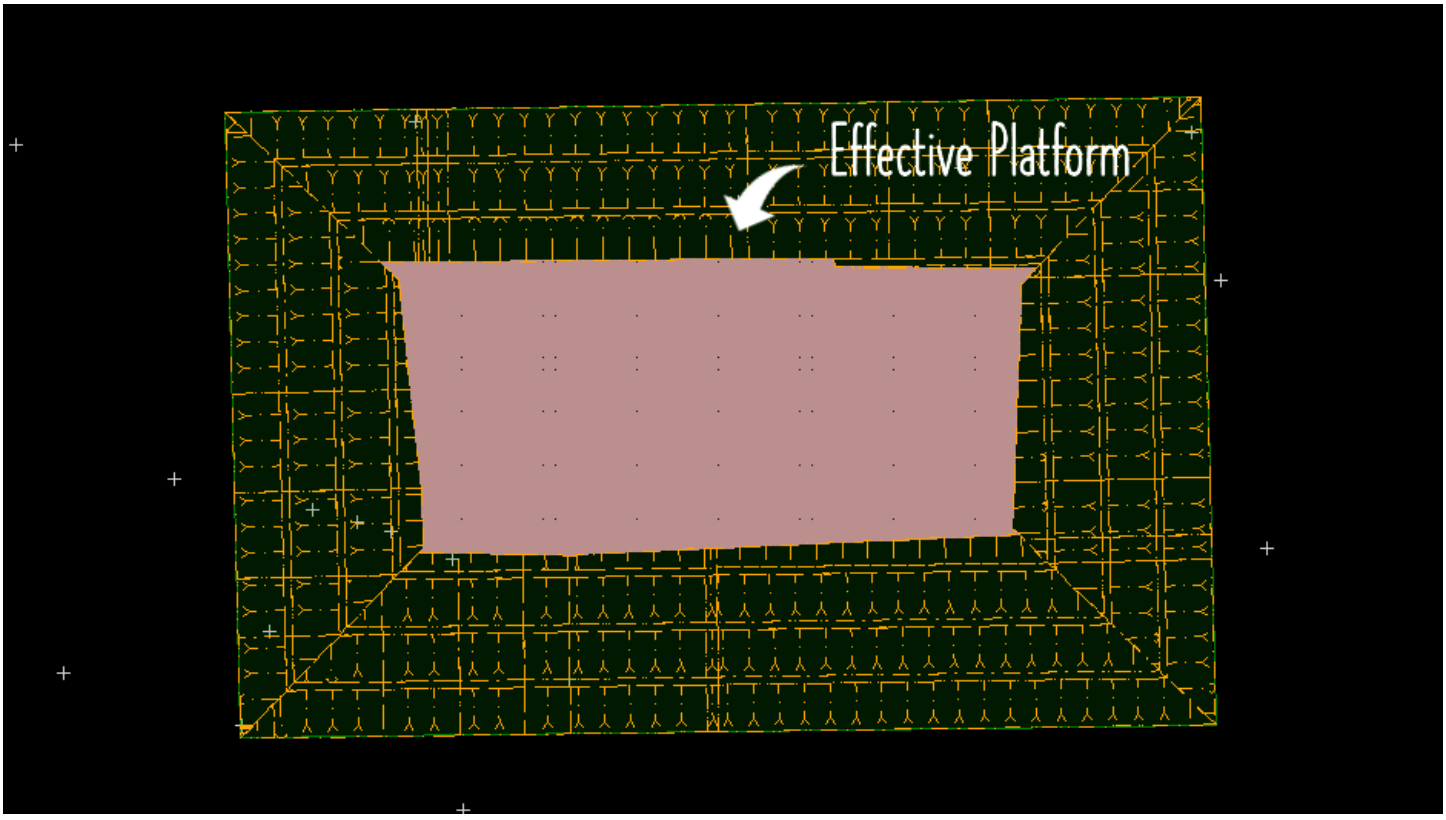
Cut & Fill Report

Method	Before Reorder Slope		After Reorder S
DTM	Expanded cut, m^3	13814.21	Expanded cut, m^3
	Export/Import, m^3	**13814.21**	Volume needed before compacted fill,
	Total platform plane area, m^2	3500.00	Export/Import, m^3
			Total platform plane area, m^2
Grid	Expanded cut, m^3	13599.50	Expanded cut, m^3
	Export/Import, m^3	**13599.50**	Export/Import, m^3
	Defined zone area, m^2	4800.00	Defined zone area, m^2

End Area	Cut section interval, mm	5000.00	Cut section interval, mm	
	Expanded cut volume, m^3	14381.78	Expanded cut volume, m^3	
	Export/Import, m^3	**14381.78**	Volume needed before compacted fill,	
			Export/Import, m^3	

Previous slope feature

It is a feature implemented to allow the user to enable the ‘previous slope’ when there are amendments and require more modelling work.



Refer to blogpost for more details: **Previous Slope**

Slope Start Level

In MiTS, the user is given the option to customize the slope’s platform starting level. Its purpose is to provide more design flexibility.

Refer to blogpost for more details: **Slope Start Level**

Conclusion

In conclusion, the result of cut and fill could differ with or without using the reorder slope function.

Related



Ngu Soon Hui

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

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