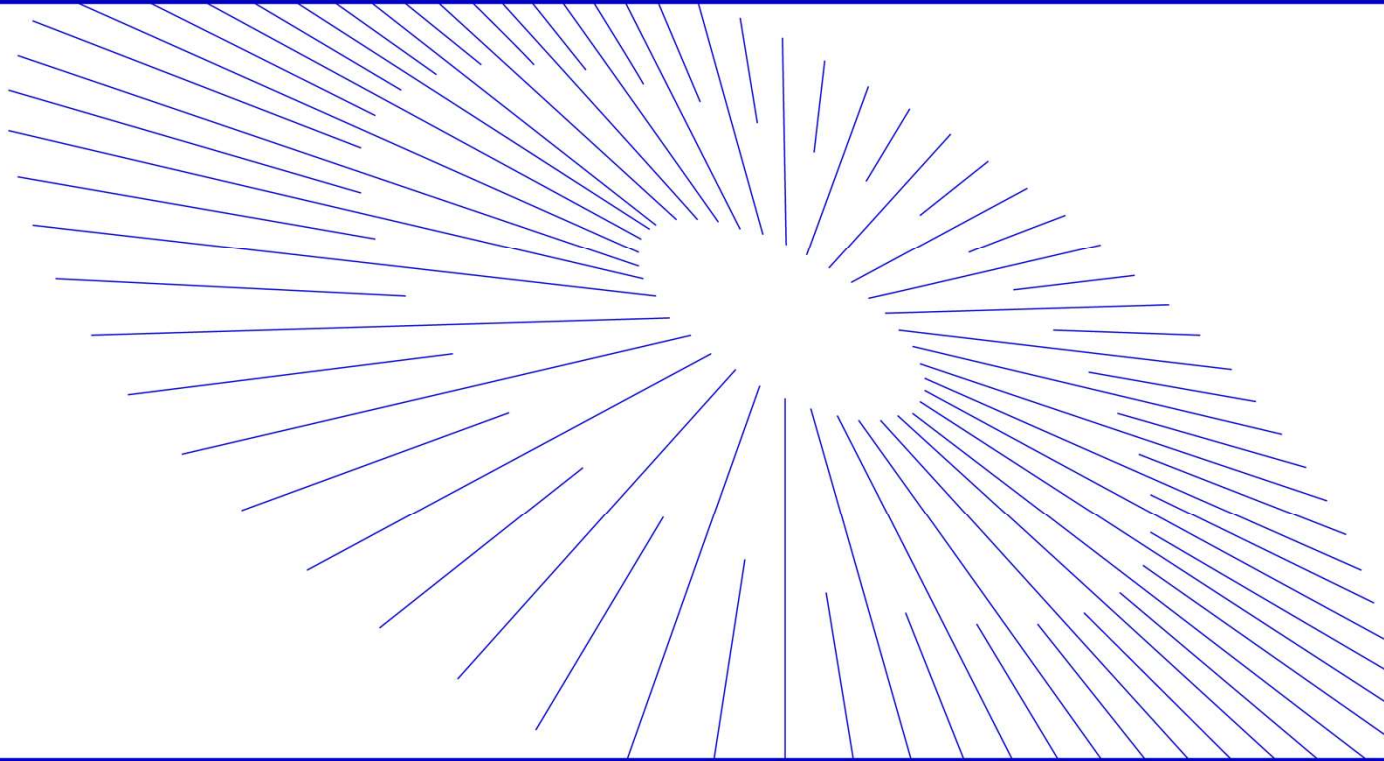
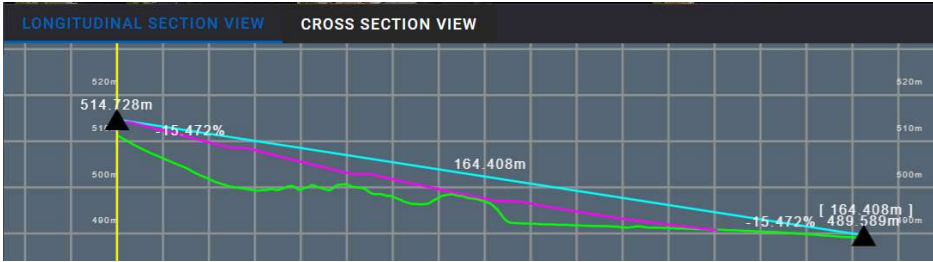
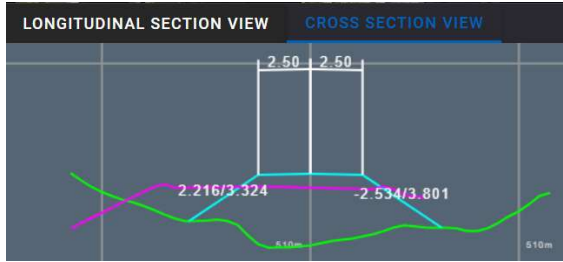


Smart Construction Design3D 2023.8.31 (Schedule) About the Release Version


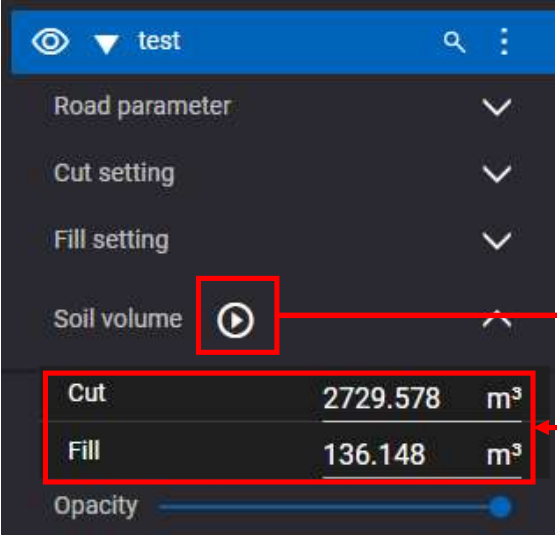
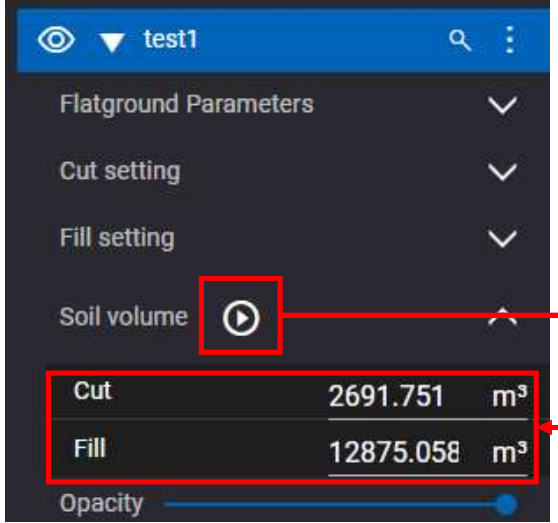


- We are pleased to announce the release of updates to "Smart Construction Design3D" with the following schedule and content.
- Due to system maintenance, the relevant services will not be available during the following dates.
 (*The release schedule, time, and contents are subject to change depending on the situation. Please understand this in advance.)


Schedule : Thursday, August 31 (Japan time) 6:00 p.m. - 8:00 p.m.

NO.	Target Functions	Overview
1	UIUX (Function Modification)	<ul style="list-style-type: none"> • Overview : Refurbishment to display design data on longitudinal section view and cross section view. • Details : When design data is uploaded, it has been modified so that the design data can be displayed and confirmed on the longitudinal section view and cross section view. (The pink line is the design data.) <p>【Longitudinal section view】</p>  <p>【Cross section view】</p> 




NO.	Target Functions	Overview
2	Parameter Setting (Function Modification)	<ul style="list-style-type: none">• Overview : Addition of soil volume calculation function.• Details : It is now possible to calculate earth volume for temporary roads and flat ground. three point leader > 「Edit」 > Calculate the amount of soil from  mark of the amount of soil, and display the amount of cutting and filling. <p>【Temporary road】</p>  <p>【Flat ground】</p> 



NO.	Target Functions	Overview
3	UIUX (Function Modification)	<ul style="list-style-type: none"> • Overview : Modified to add measurement function. • Details : It has been modified so that the distance between two points can be measured on the point cloud. Select CREATE_LINEAR on the left menu bar > 「CREATE_LINEAR」 > Measurement is possible by clicking two points on the point cloud where you want to measure the distance. (Measurement results are not saved) 





NO.	Target Functions	Overview
4	Flat Ground Design (Function Modification)	<ul style="list-style-type: none">• Overview : Repair that can add a reference point on the flat ground.• Details : The reference point of the flat ground has been modified so that it can be added at any position. Edit > Right click on top edge > 「Add」 







NO.	Target Functions	Overview
5	Status Display(Bug Repair)	<ul style="list-style-type: none">• Overview : Bug fix for tab delimited data upload.• Details : Regarding txt/csv point clouds, the bug that tab-separated data upload did not finish has been fixed.
6	Status Display(Bug Repair)	<ul style="list-style-type: none">• Overview : Fixed design data upload bug.• Details : Regarding the design data, the bug that could not be displayed after uploading has been fixed.





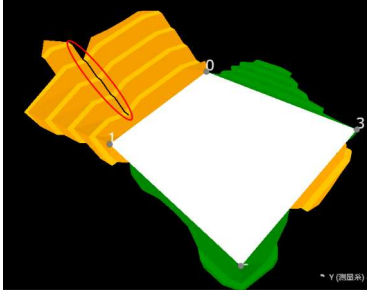
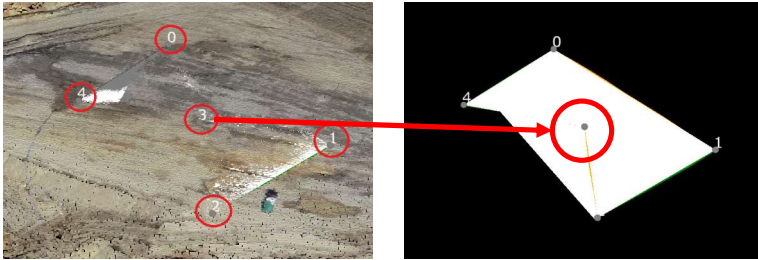
NO.	Target Functions	Overview
7	TIN Data Formation(Bug Repair)	<ul style="list-style-type: none">• Overview : Fixed TIN data formation bug.• Details : Fixed a problem that the slope extends in a direction other than the normal direction from the pitch end point. 
8	TIN Data Formation(Bug Repair)	<ul style="list-style-type: none">• Overview : Fixed TIN data formation bug.• Details : Fixed the problem that the temporary road was not plotted according to the pitch interval set. 



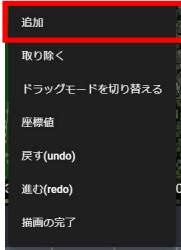


NO.	Target Functions	Overview
9	Status Display(Bug Repair)	<ul style="list-style-type: none"> • Overview : Fixed a bug in uploading design data of drawn temporary roads. • Details : Fixed the problem that the cross section and coordinates did not change even if the cross section bar was moved when the temporary road drawn with SC Design3D was exported with LandXML and uploaded as design data.
10	Parameter Setting(Bug Repair)	<ul style="list-style-type: none"> • Overview : Repair of defects in straight temporary roads. • Details : Fixed a bug that caused the temporary road to return to a curved line when the setting value was changed by editing while the temporary road was changed to a straight line.





NO.	Target Functions	Overview
11	Flat Ground Design(Bug Repair)	<ul style="list-style-type: none">• Overview : Fixed the problem that the shape of slopes and small steps on flat ground is strange.• Details : Fixed a bug that caused the shape of slopes and small steps to become strange when creating a flat ground. 
12	Flat Ground Design(Bug Repair)	<ul style="list-style-type: none">• Overview : Fixed a bug that caused the shape of the plain to be strange.• Details : Fixed a bug that caused the shape to become strange when the reference point of the flat field was set to an obtuse angle. 



NO.	Target Functions	Overview
13	Flat Ground Design(Deprecated Function)	<ul style="list-style-type: none"> • Overview : Abolition of the function to add a reference point to the midpoint of the flat field. • Details : The function to add a reference point to the midpoint has been abolished in the reference point editing of flat ground. <p>①Right click on the flat ground and add ②Add reference point to midpoint</p> <div style="display: flex; align-items: center; justify-content: space-around;">   <div style="text-align: center;">  <p>Abolition</p> </div> </div>
14	Parameter Setting(Bug Repair)	<ul style="list-style-type: none"> • Overview : Correction of editing bugs in flat ground. • Details : Fixed a problem that even if you change the setting value other than the slope color when editing after drawing a flat ground, it is not reflected.
15	Flat Ground Design(Bug Repair)	<ul style="list-style-type: none"> • Overview : Fixed a bug that top and slope benches were not generated in flat ground plotting. • Details : Fixed the problem that the top and slope benches were not generated when drawing a large flat field in flat field drawing.



NO.	Target Functions	Overview
16	Parameter Setting(Function Modification)	<ul style="list-style-type: none">• Overview : Improvement of flat ground conditions.• Details : The condition that can be drawn in flat ground drawing has been improved. The following performance can be plotted. Top area of flat ground: 200m*200m, Number of slope steps: 2 steps, Flat point: 8 points.



