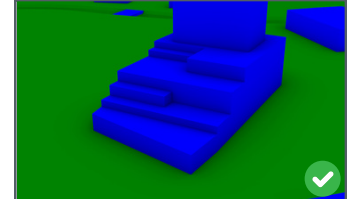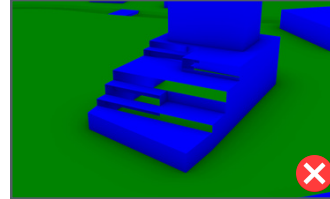# Achieving Ideal Geometry Results in Orbital Stack

Are there holes or disconnected surfaces in your study building, context structures, or surrounding buildings?

Ensure all included buildings and structures are closed volumes with connected surfaces.

Are your presentation planes raised 1.5m above ground or surfaces of interest?

Create a exact copy of the planes that you would like to present results on and raise them by 1.5m.
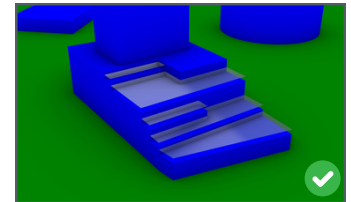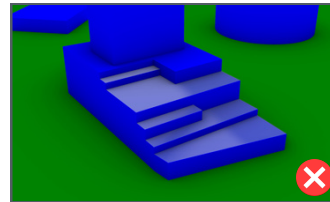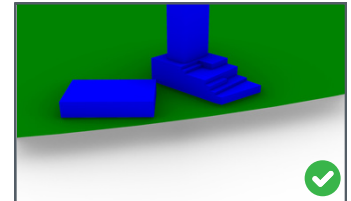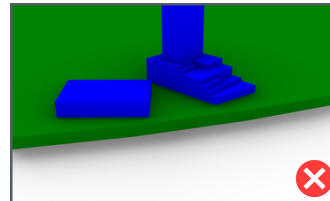

Are your study or surrounding buildings placed outside of the terrain boundaries?

All built elements must be within the boundaries of your ground plane without spilling over the edge.
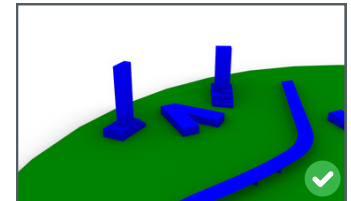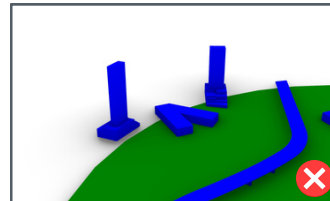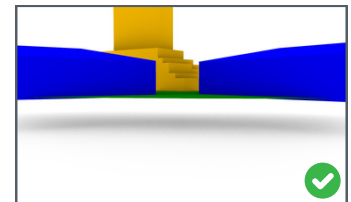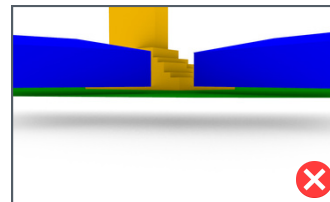

Is your ground plane volumetric?

Your ground plane must be a single, 2D surface with no volume.

Are your study or surrounding buildings floating?

All buildings must penetrate the ground plane and be visible from the underside of your model for accurate results.

Other Considerations

- AI treats porous elements like trees and screens as solid, which will affect results
- Export raised roads & rail, overpasses, and bridges as part of the surrounds and not the ground
- Do not include small objects, such as furniture, people, and vehicles in your simulations
- Include building massing only without any internal elements or walls

Need More Support?
Check out these resources:

Help Site   YouTube Channel   Contact Us

See our full Preparing Geometry Guide for more information.

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