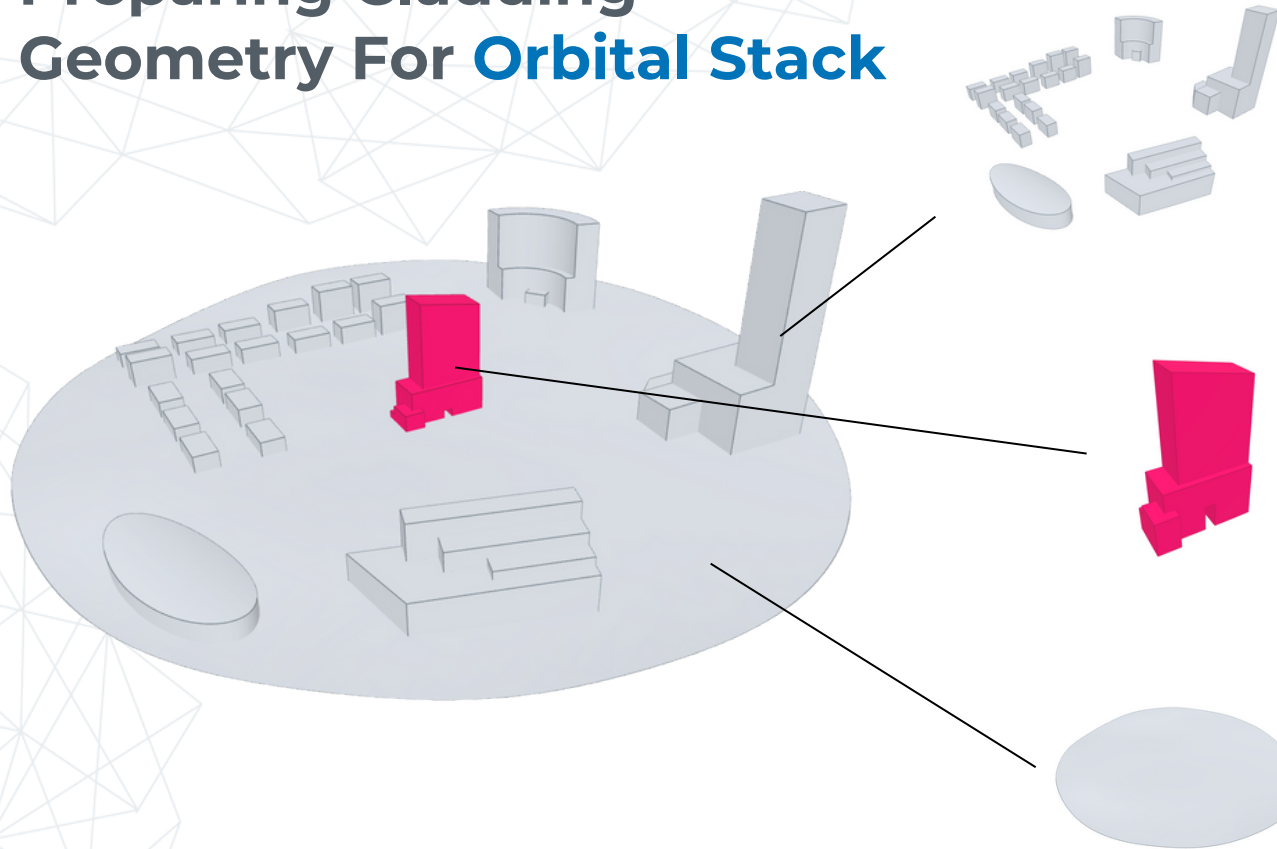


# Preparing Cladding Geometry For **Orbital Stack**



## Surrounding Buildings STL File

- Simple block massing only
- Only the buildings immediately around the study building are needed

## Study Building STL File

- Block massing, no surface detail
- Undercuts, colonnades, recesses, etc. at ground level can be included
- Avoid any features smaller than 1m
- No landscaping, furniture or other extraneous details

## Ground Surface STL File

- Flat surface only
- 250m radius at a minimum

## Overall Requirements

- Scale must be 1:1
- Units: Metres
- y+ axis must be aligned to North
- Centered on the origin (0,0,0)
- No holes larger than 0.5m
- Buildings must fully intersect the ground surface
- The simpler the geometry the better

## Exporting Your Files

- Each of the three parts (ground surface, study building, and the surrounding buildings) must be exported as a separate .stl file
- Can be either ASCII or Binary format
- Each file must be no larger than 20MB