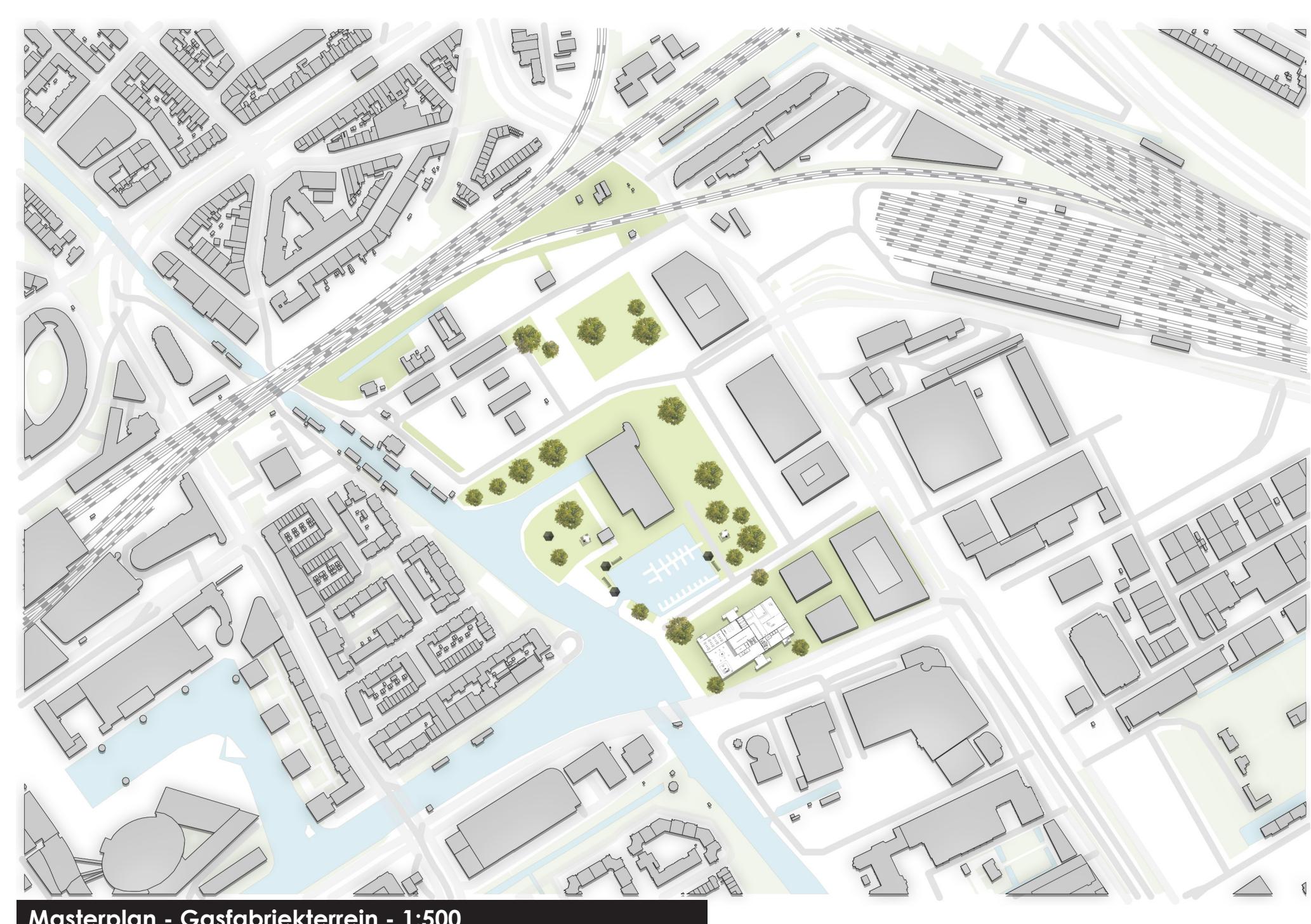


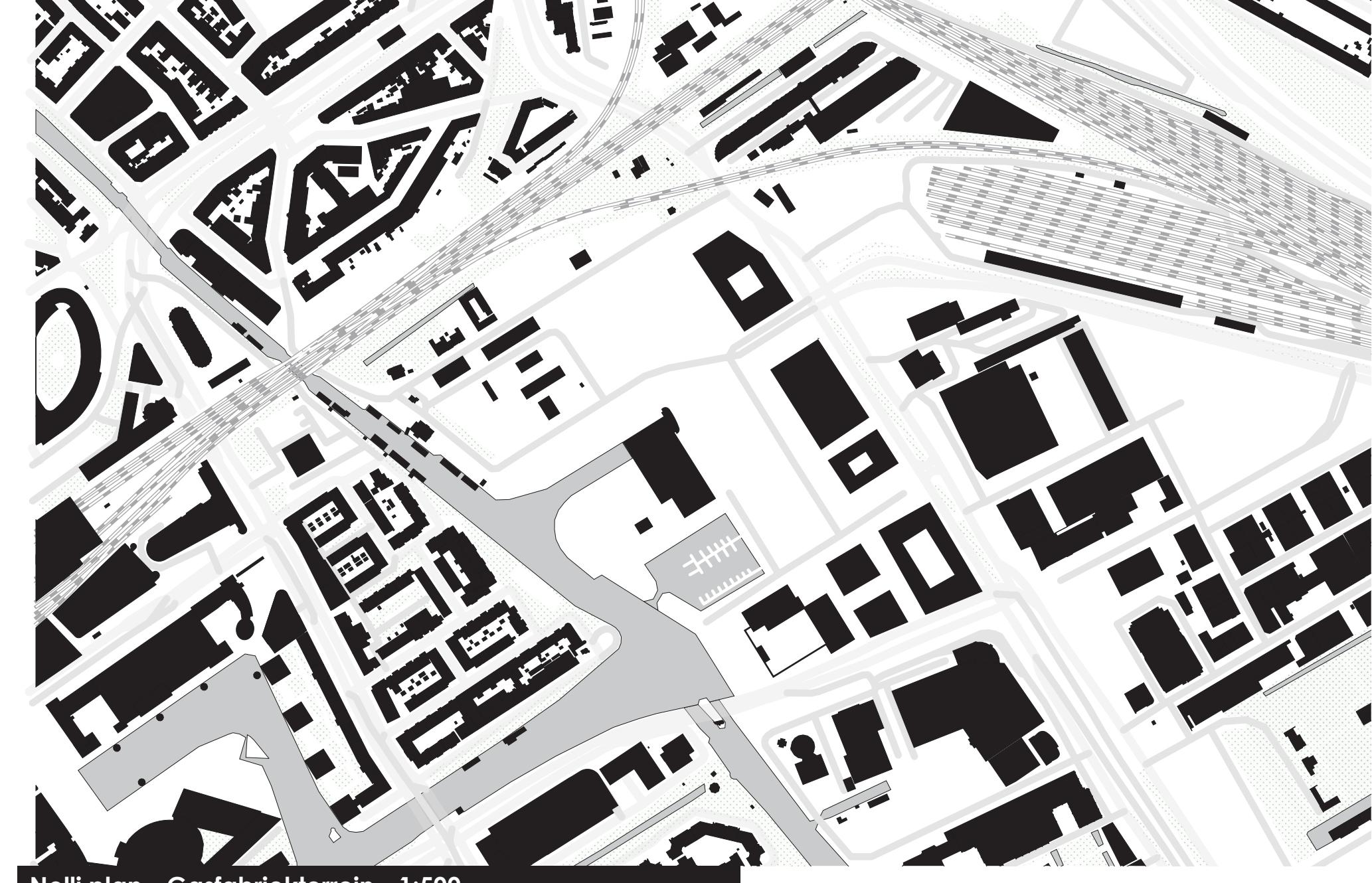


# IS A MUSIC BUILDING FOR EVERYONE, A MARVEL?

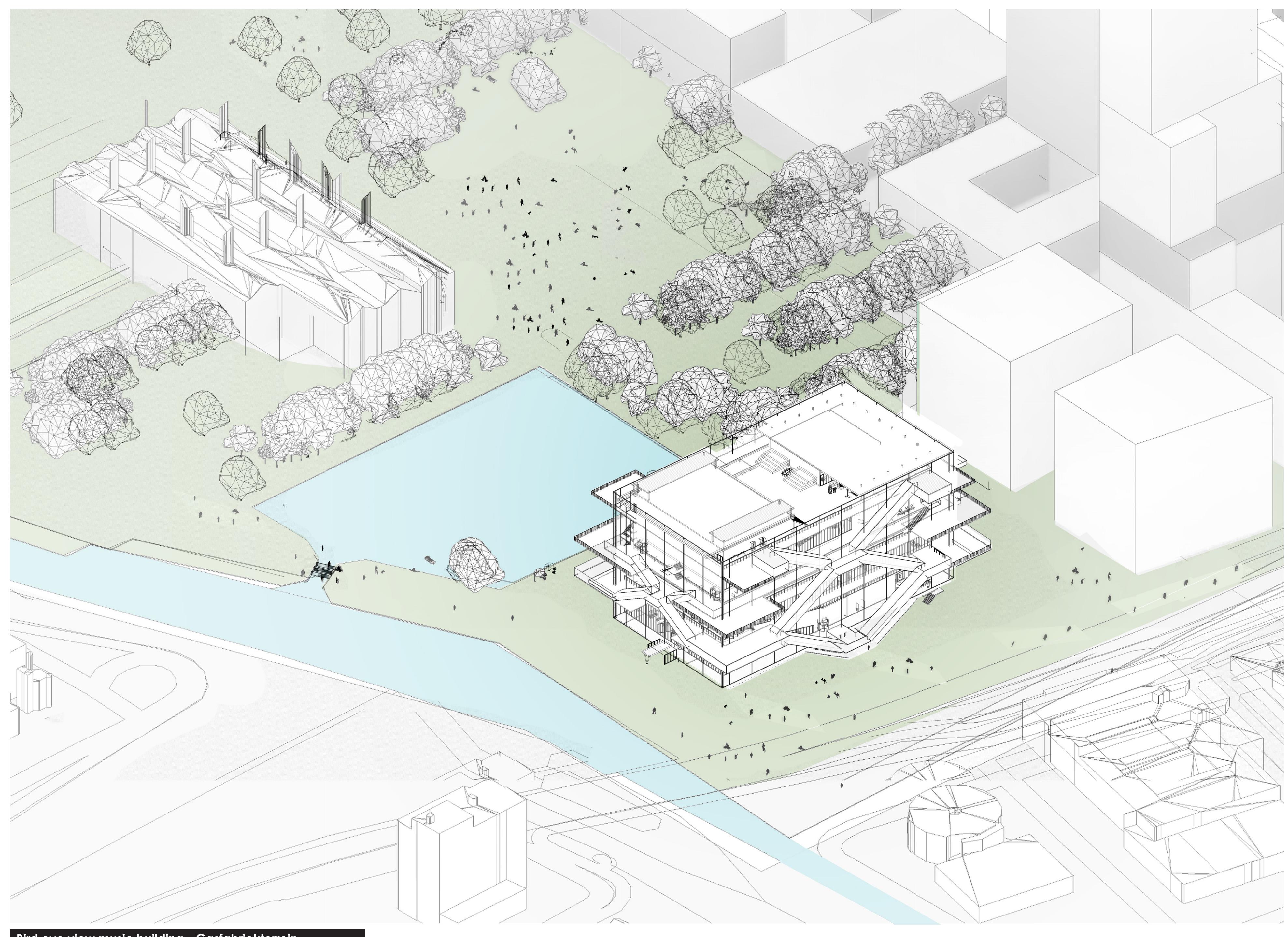
Hakkican Ünsür | 5248701 | AR3AP100 Public Building Graduation Studio | TU Delft | Architecture



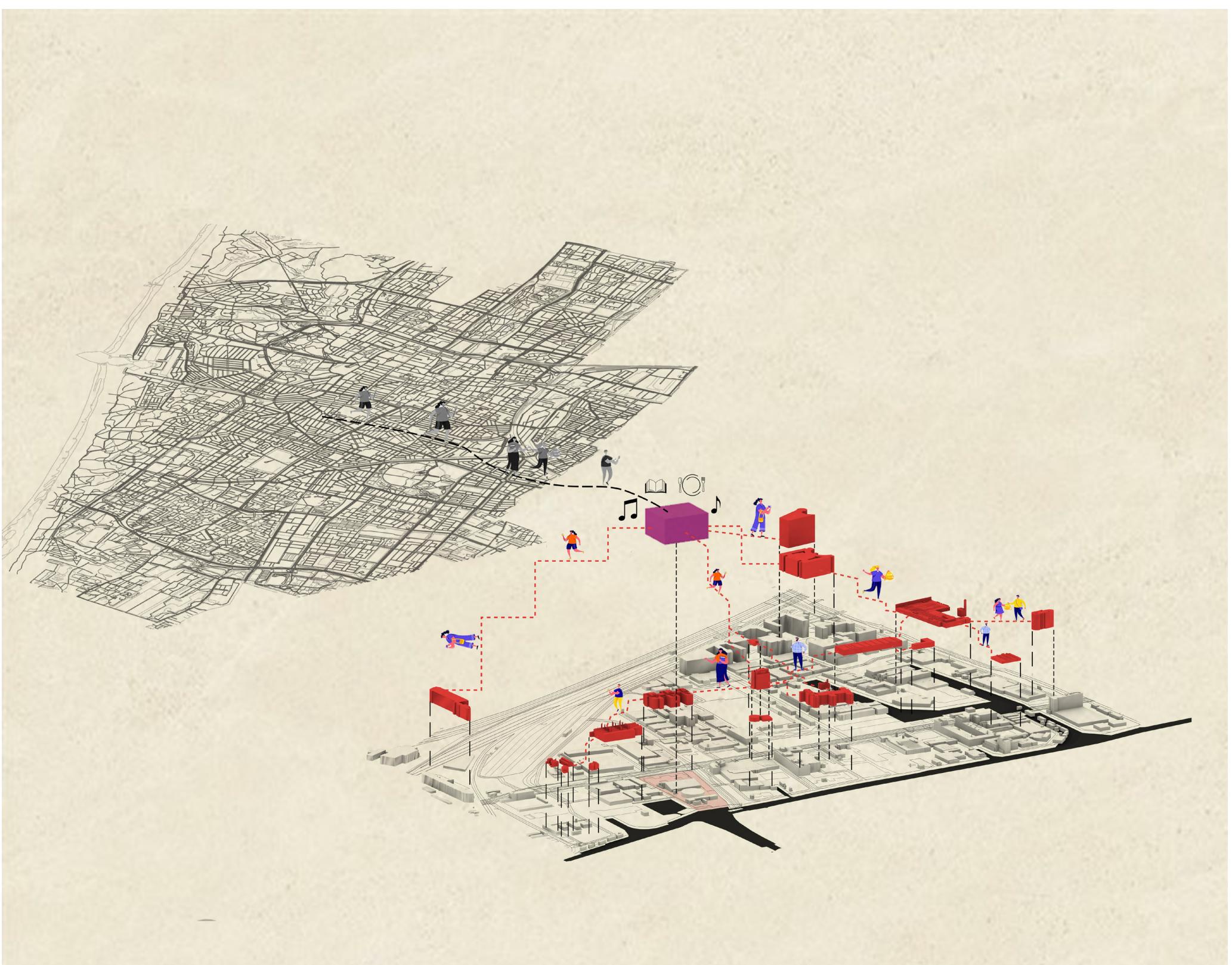
Masterplan - Gasfabrikterrein - 1:500



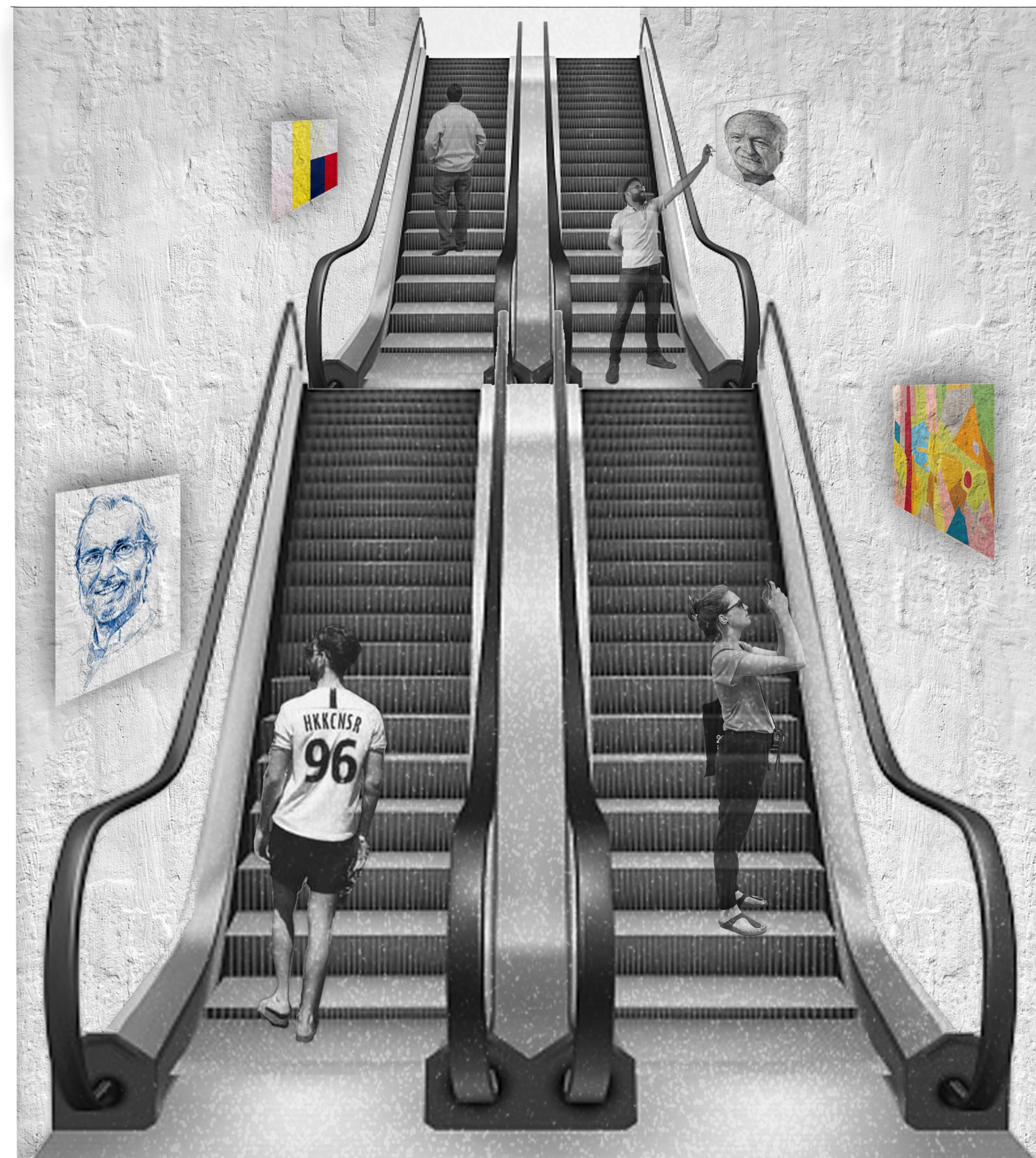
Noll plan - Gasfabrikterrein - 1:500



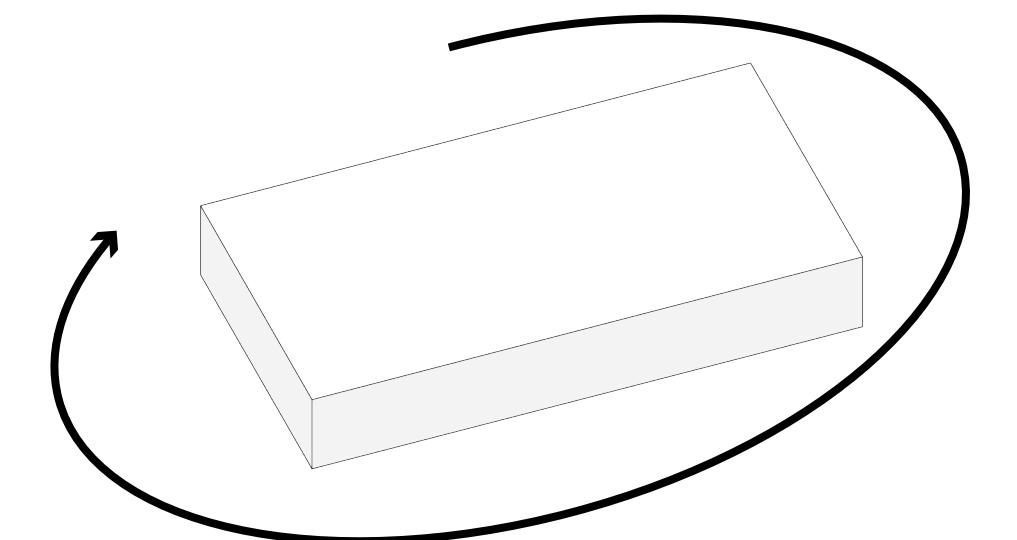
Bird eye view music building - Gasfabrikterrein



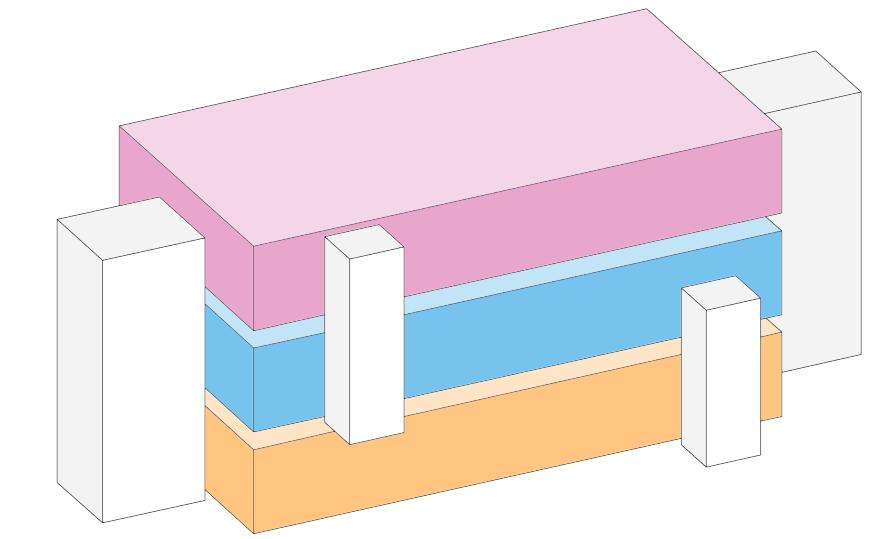
Manifesto connecting the Hague with the new Binckhorst



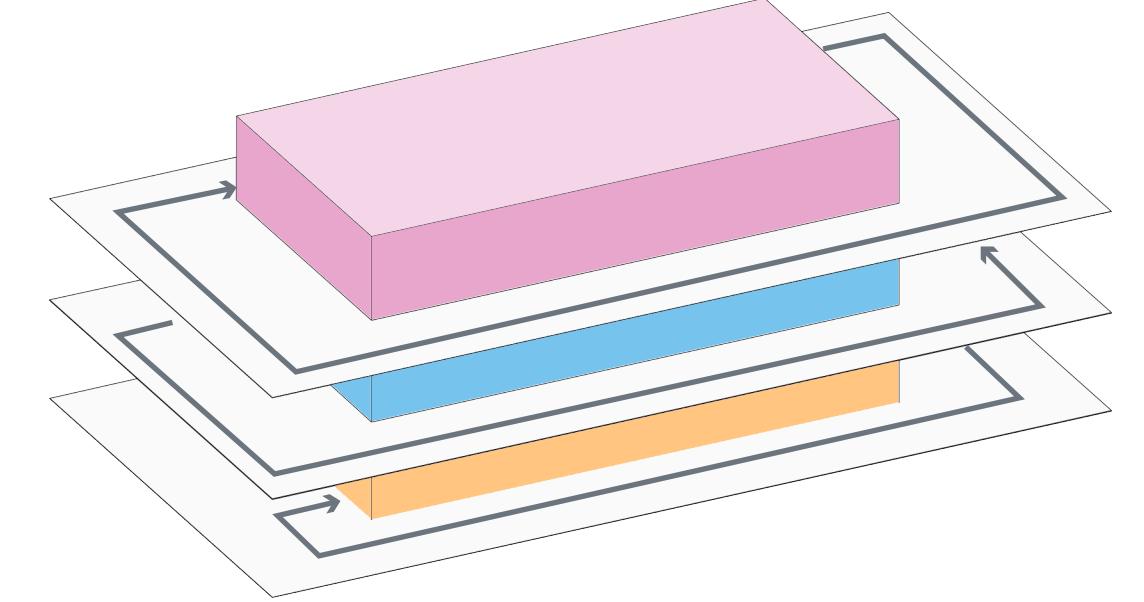
Manifesto vertical movements



Circulation around the building



Vertical movement around the building

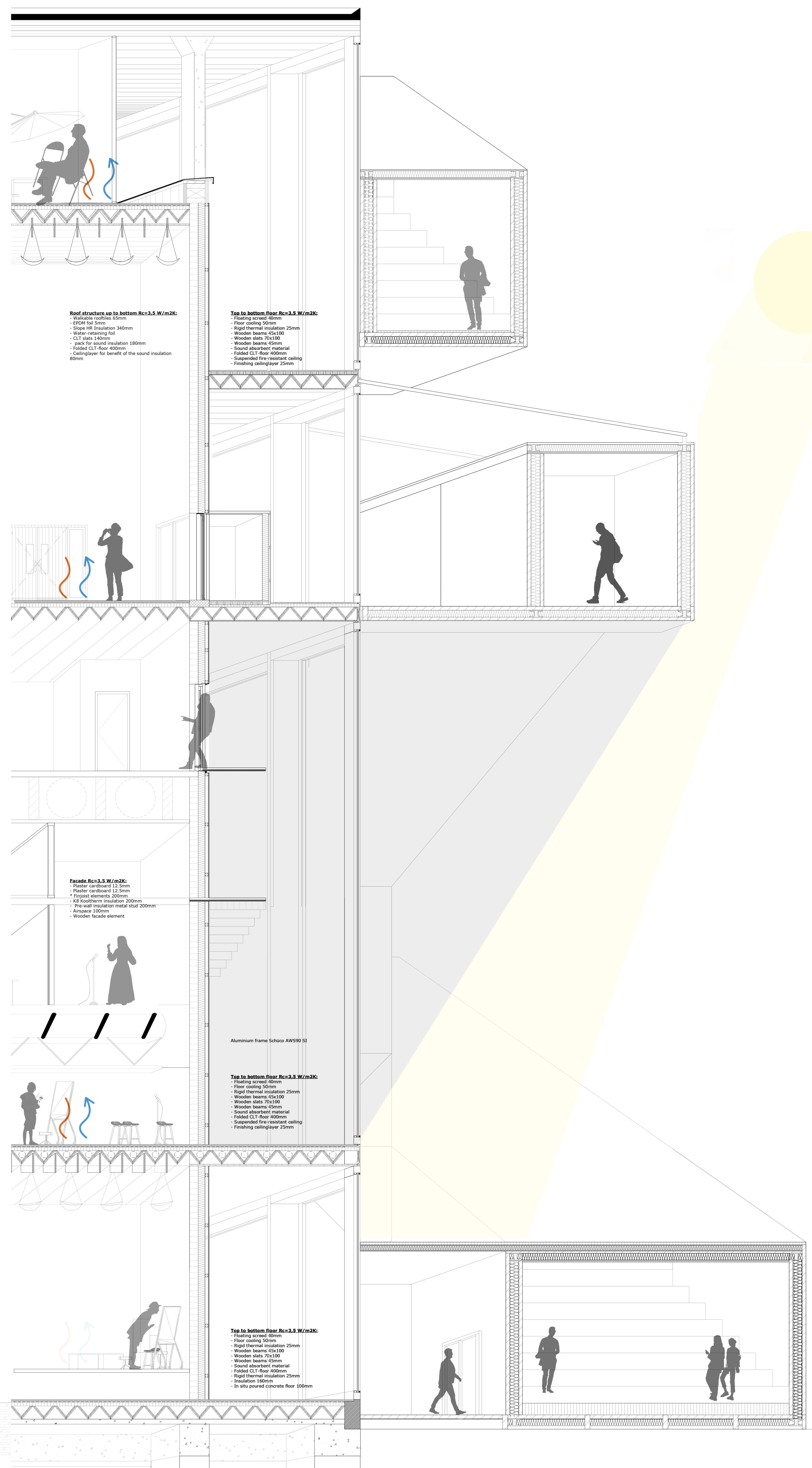


Horizontal movement around the building



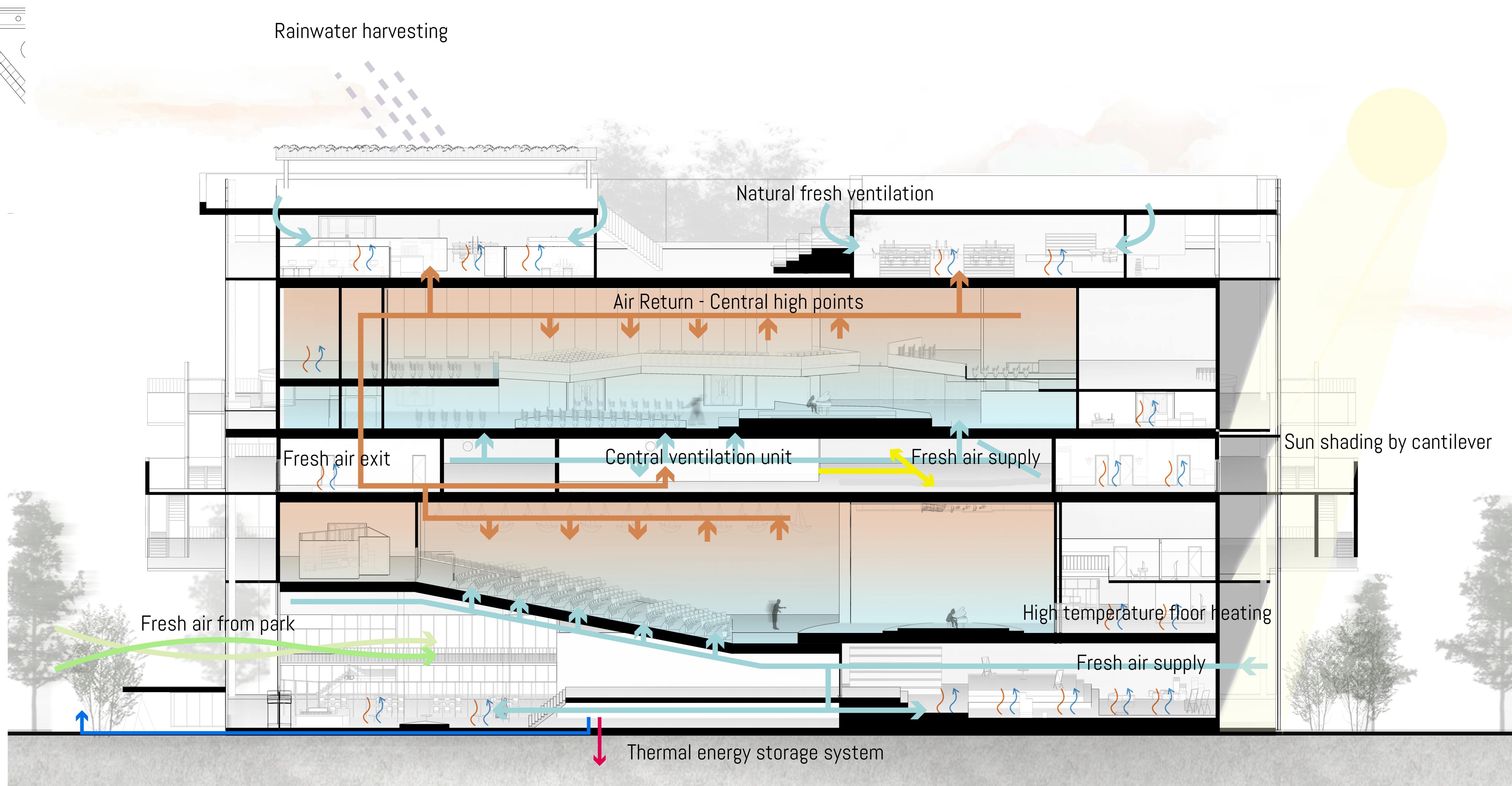
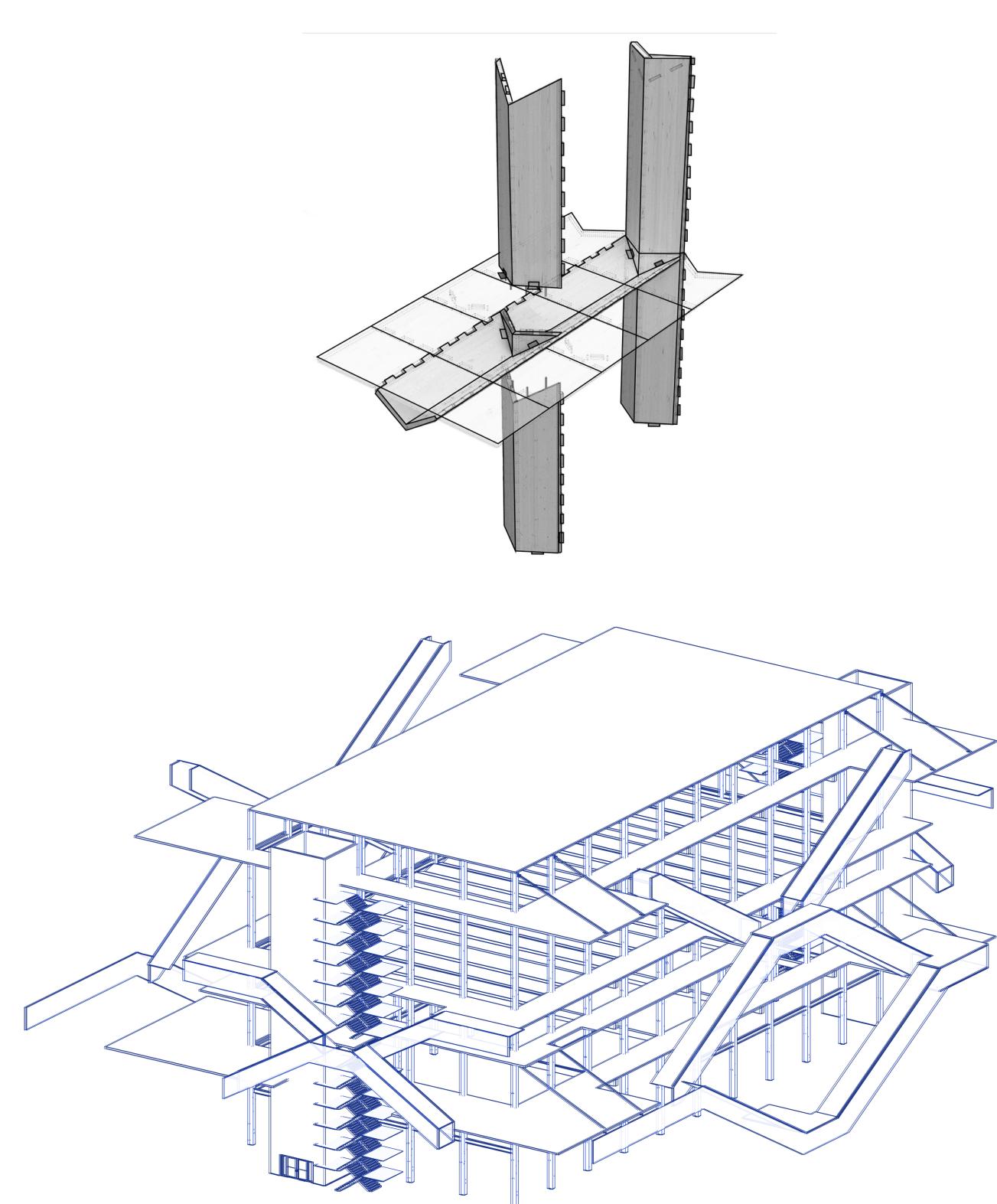
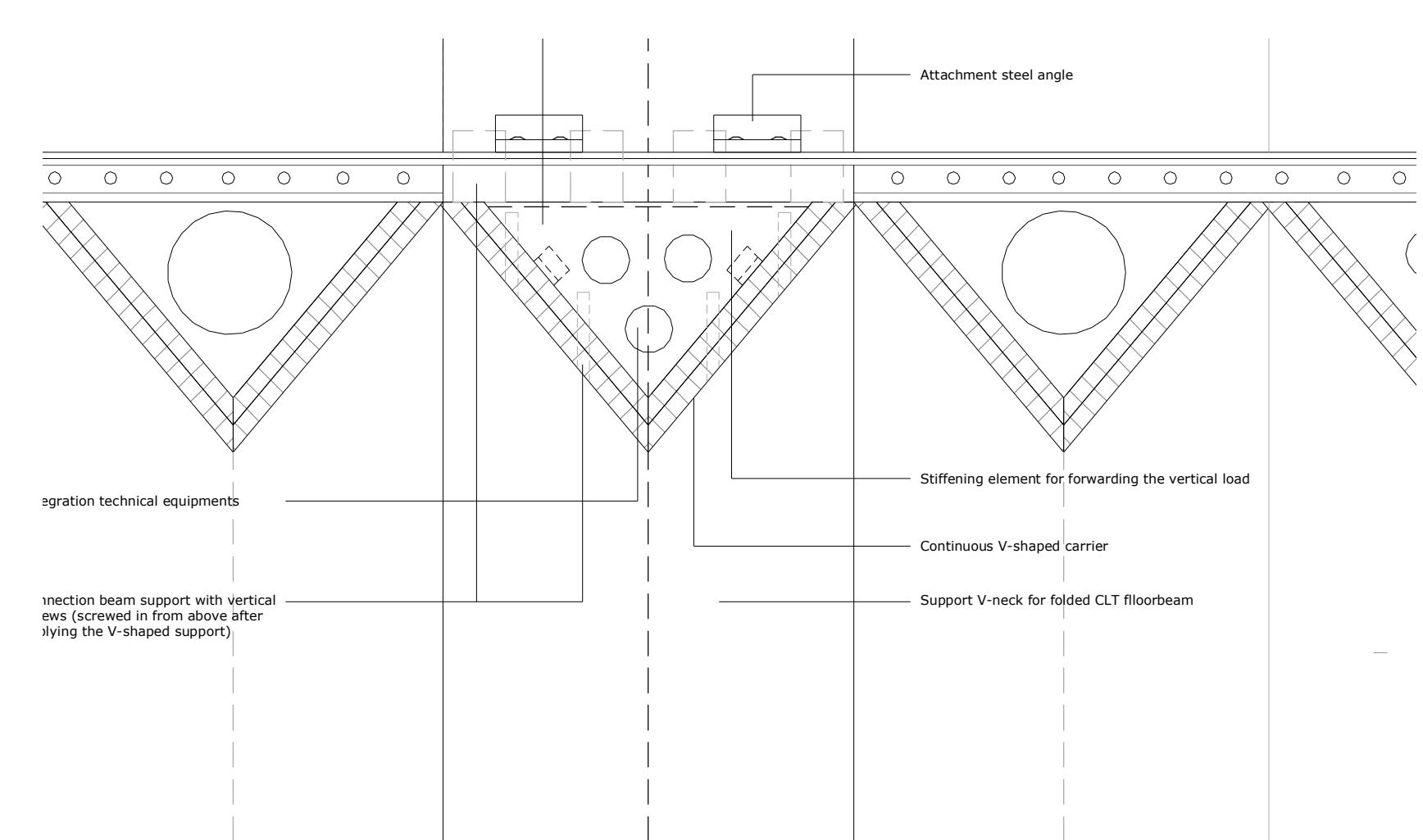
Interior perspectives

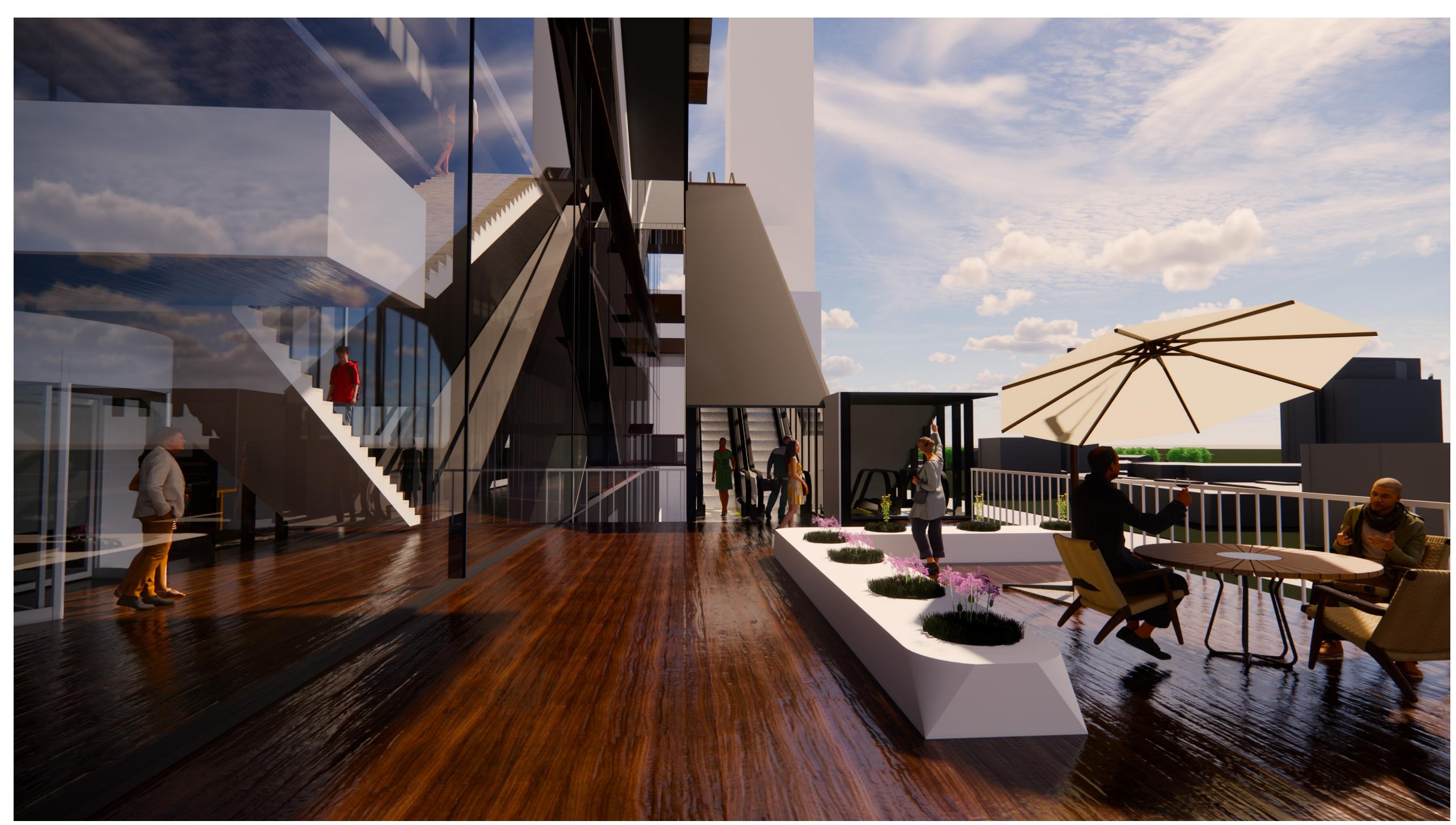




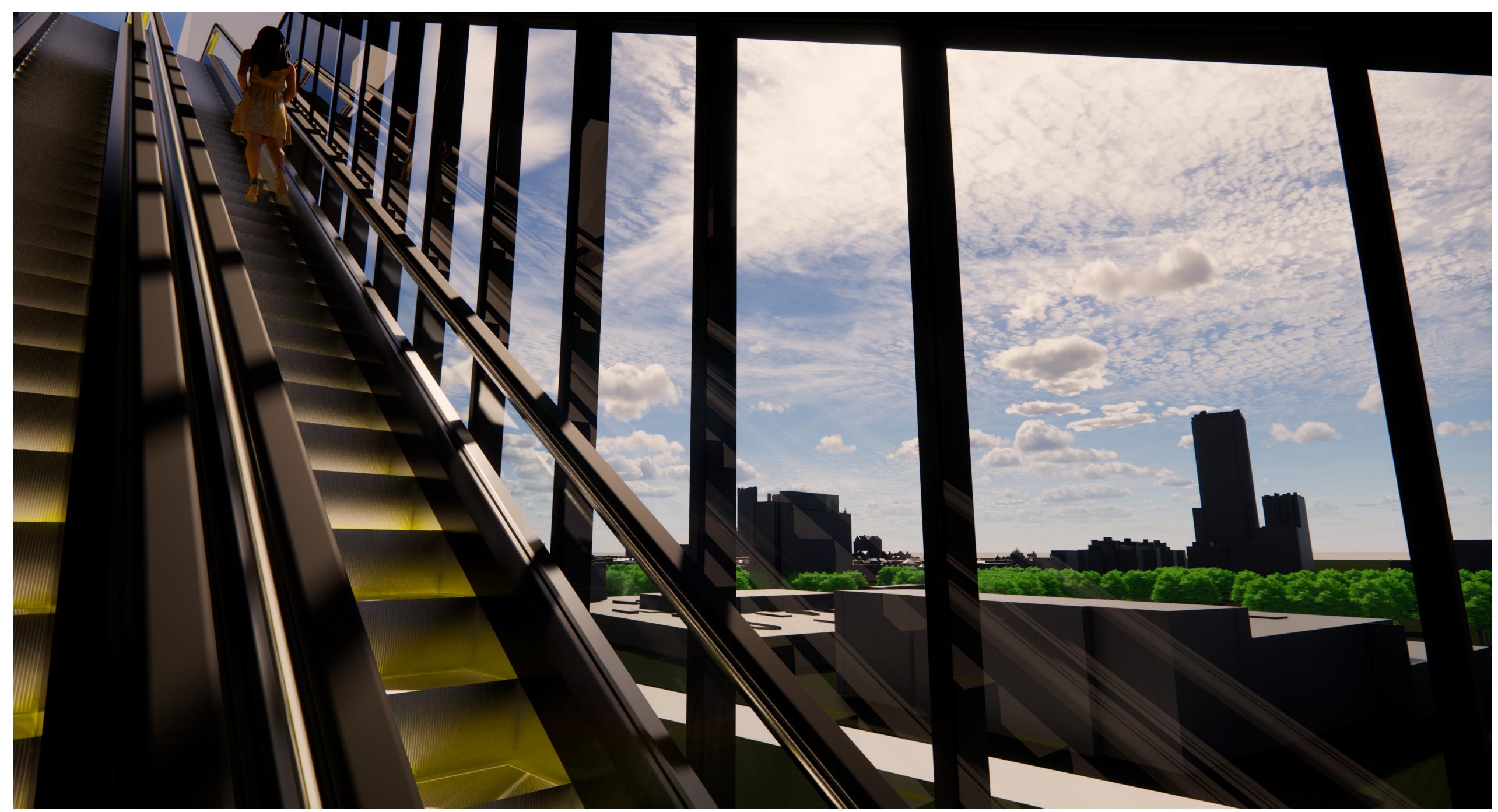
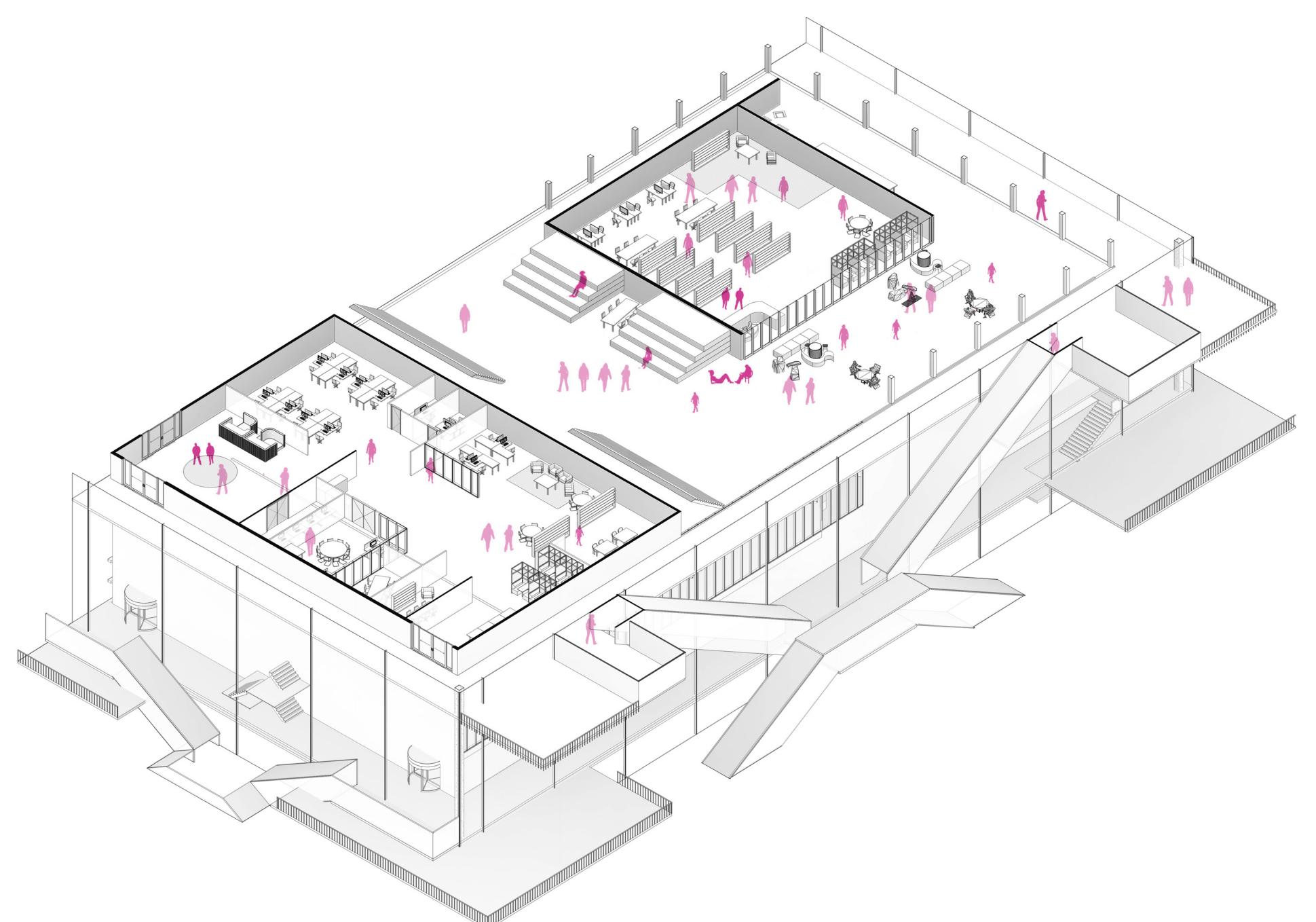
Facade building - 1:50

Cross-section with detailing - 1:50

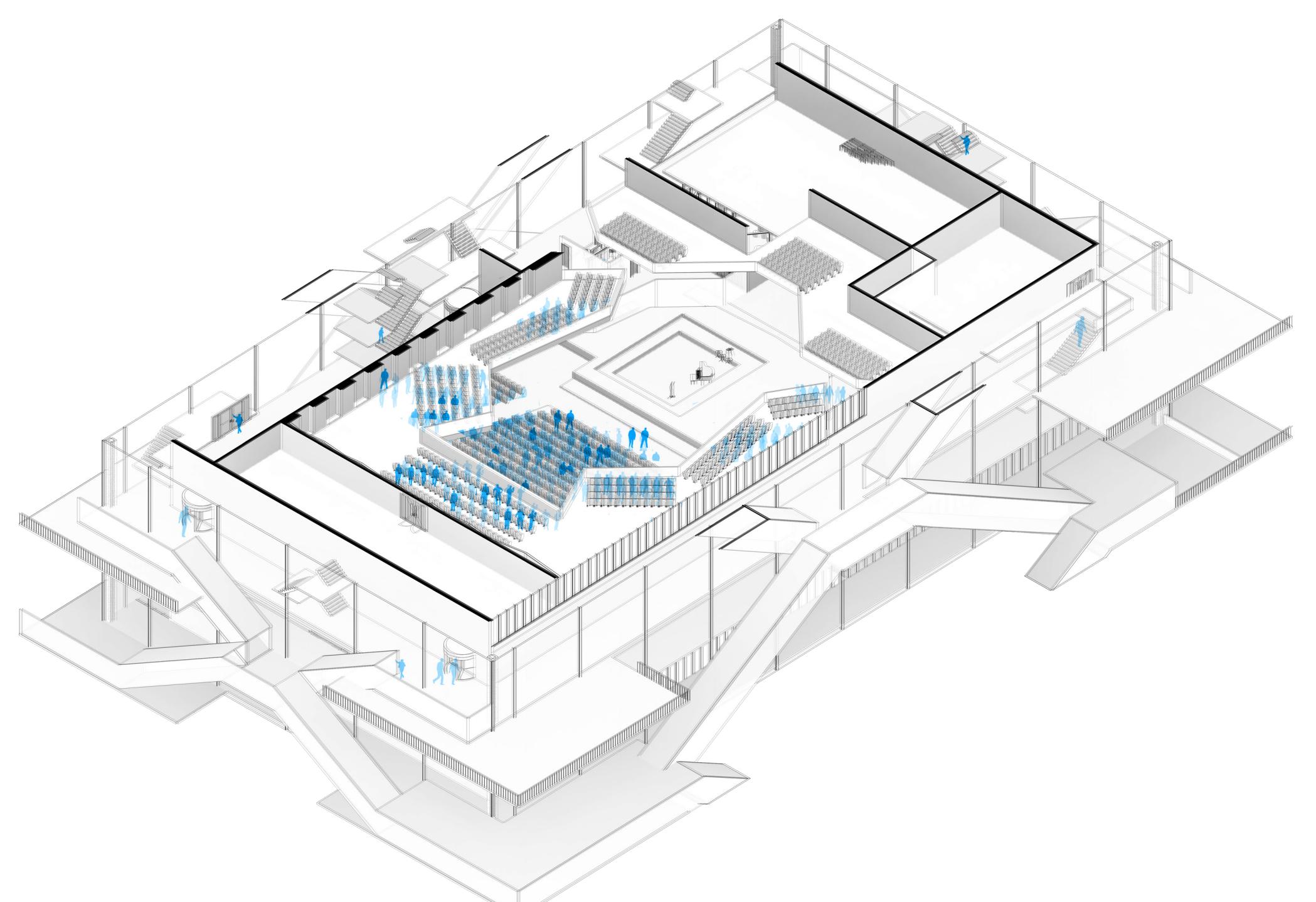




Silence



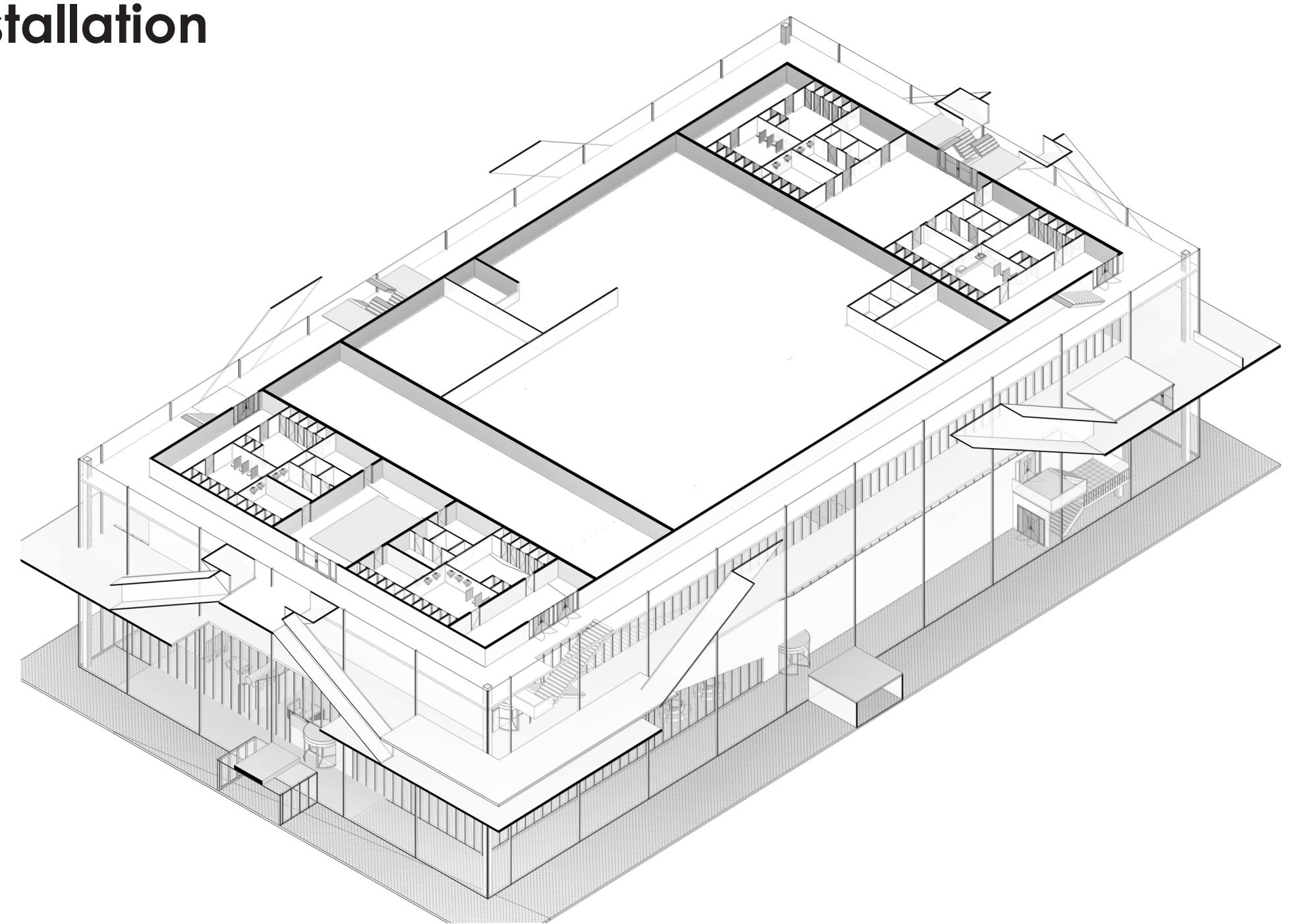
Harmonic



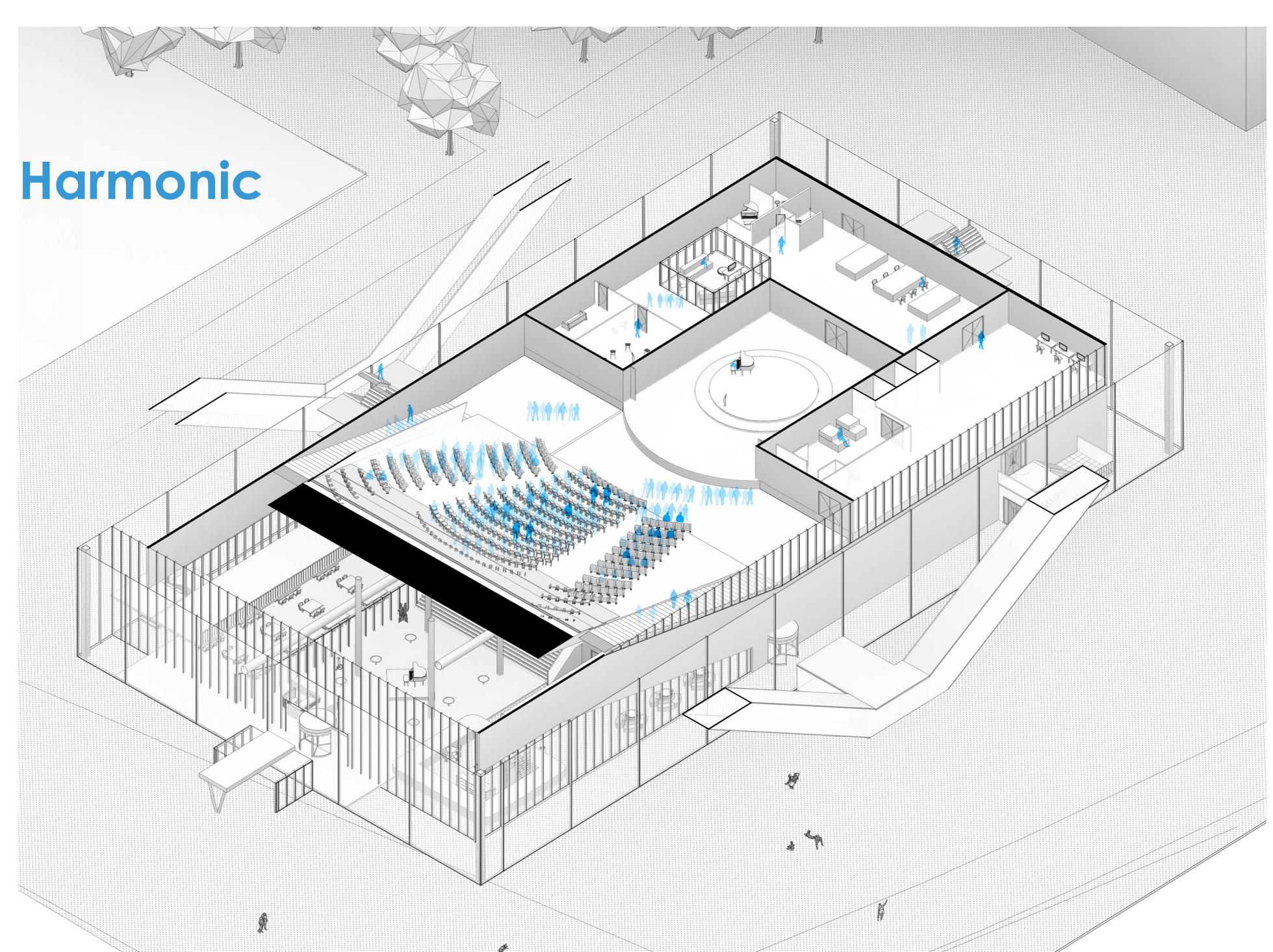
Experience in vertical and horizontal movements

Experience in axometrics

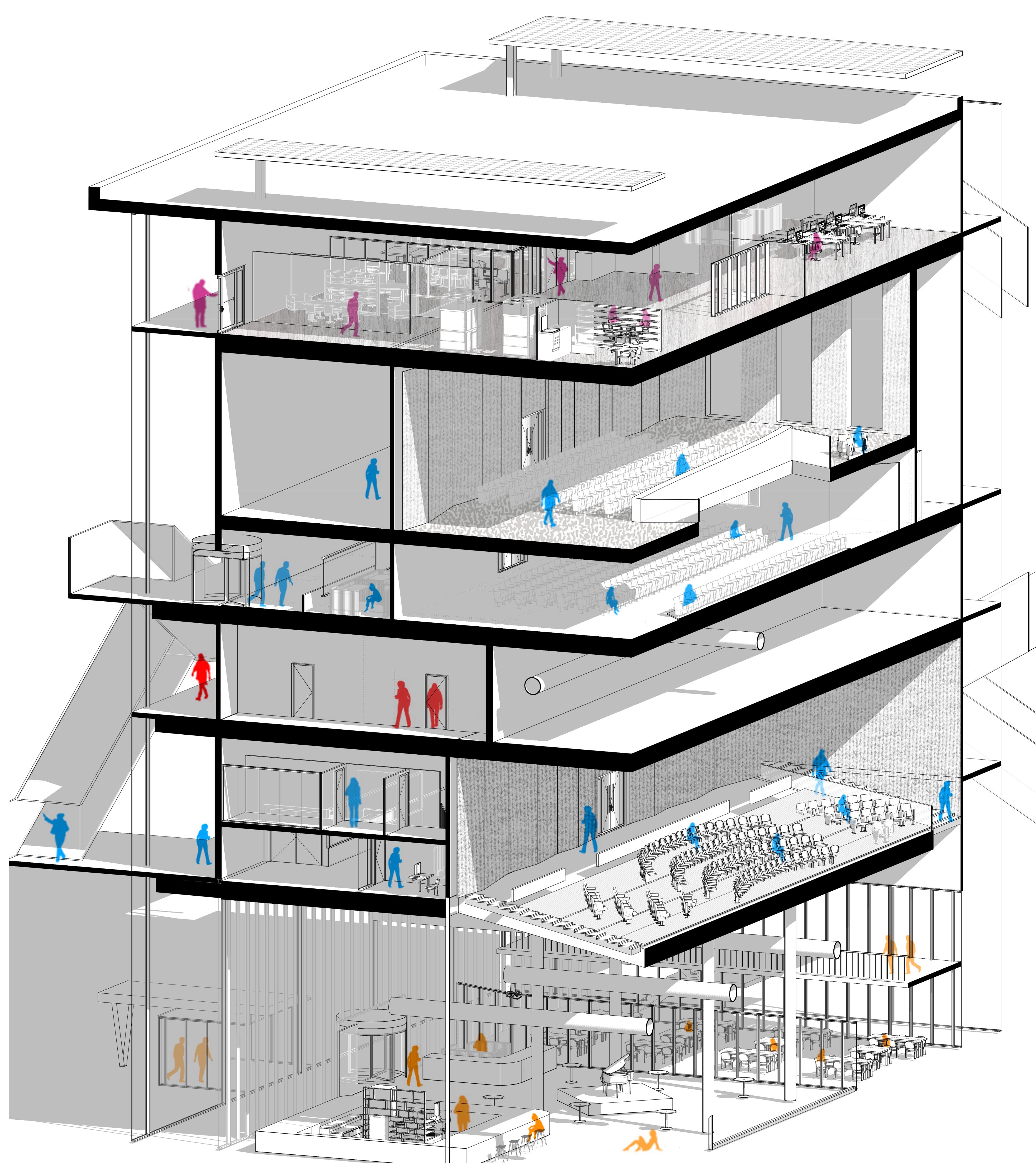
Installation



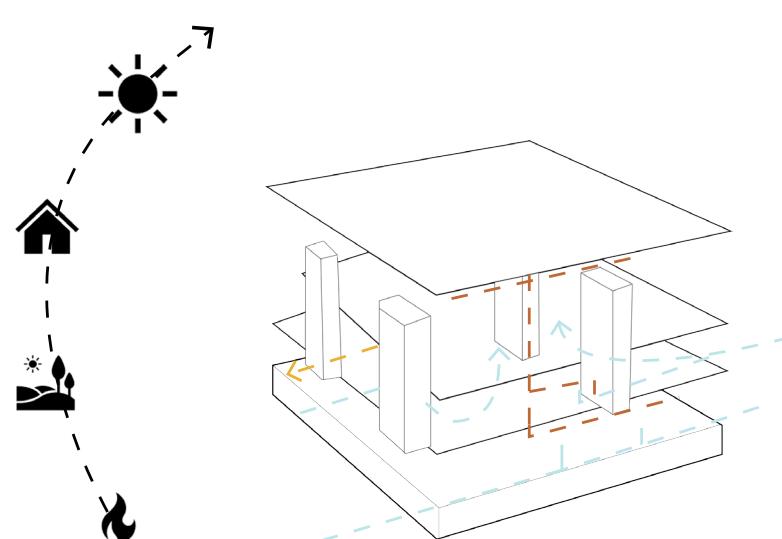
Harmonic



Vibrant

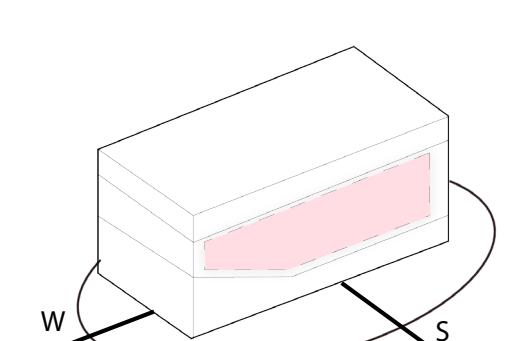


Experience in axometrics



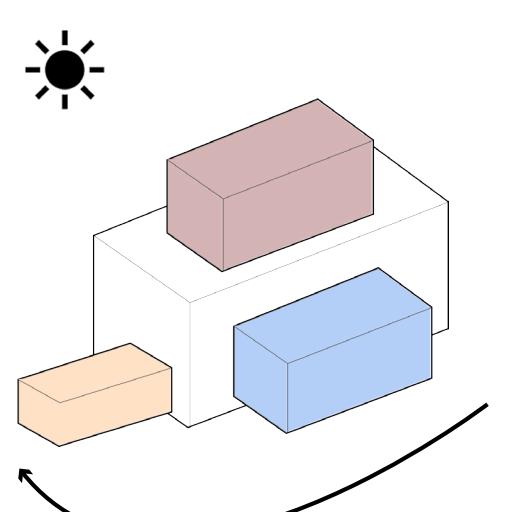
#### SUSTAINABLE ENERGY SUPPLY

The integration of passive and active elements of the design together with the resource-conserving energy supply from geothermal energy, district heating and PV lead to a significant reduction in energy consumption and CO2 emissions. All rooms can be ventilated naturally via the window or via channels in the horizontal support structure.



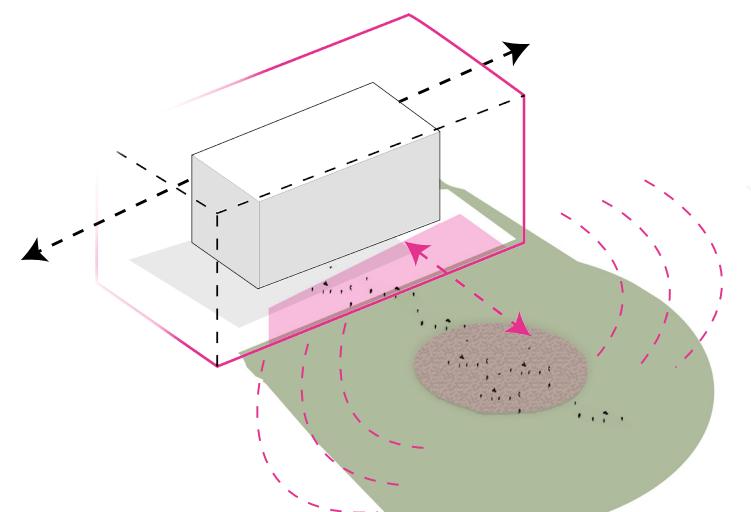
#### REDUCING FOOTPRINT

The new building was designed to be as compact as possible for a new concert hall. Due to the compact nature of the building, a large public space was designed to act as an 'interface' between inside & outside.



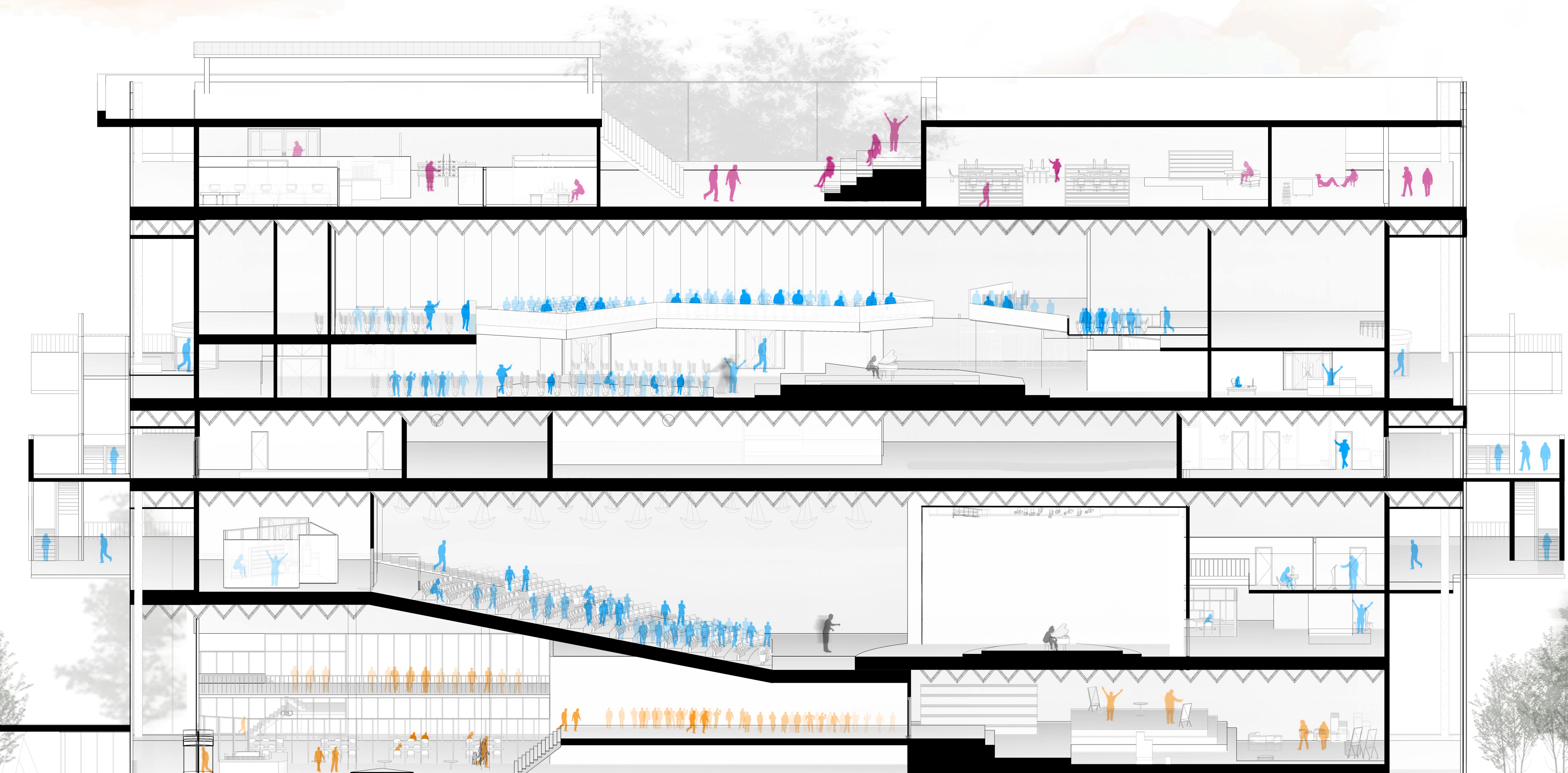
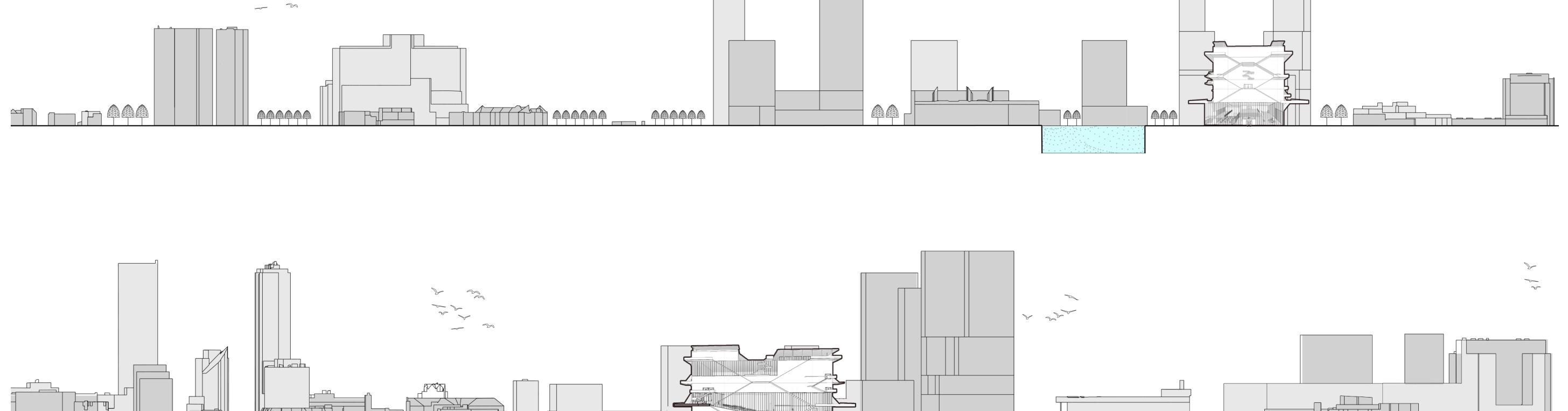
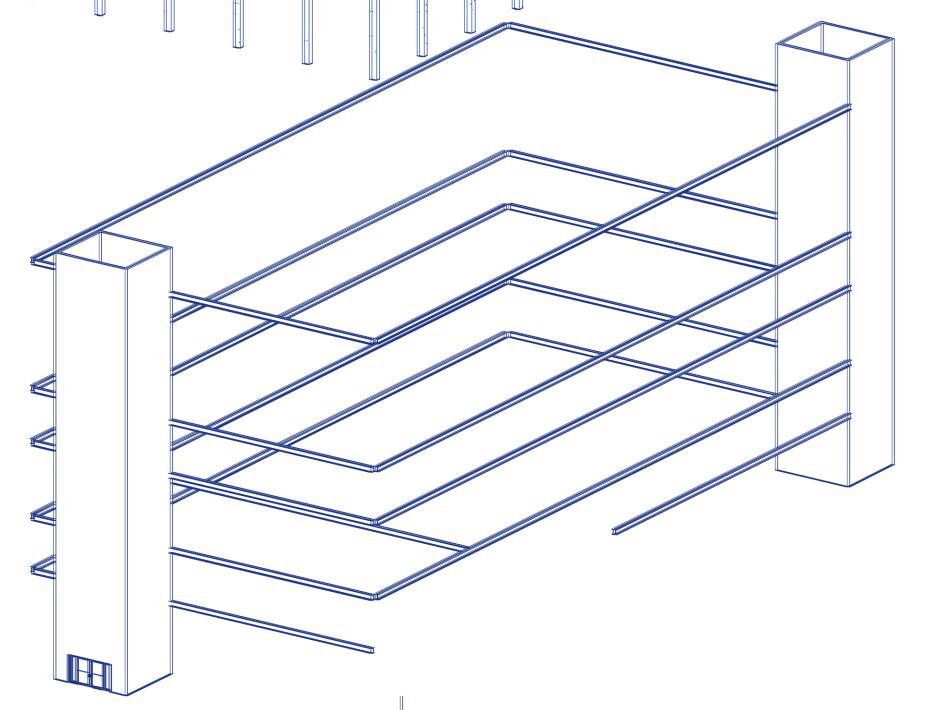
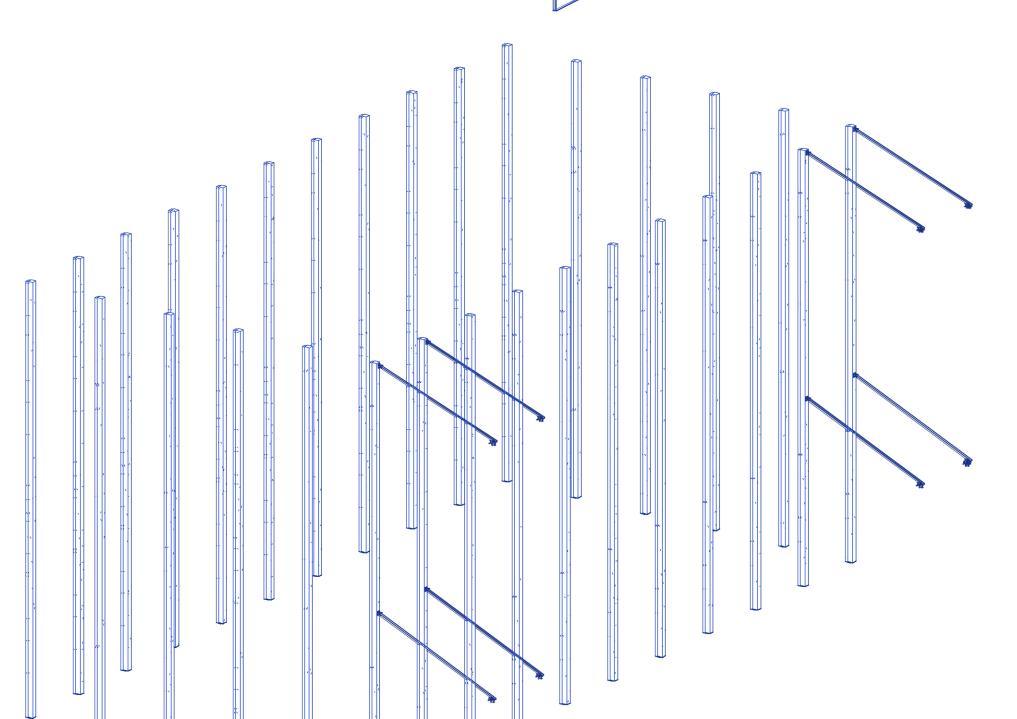
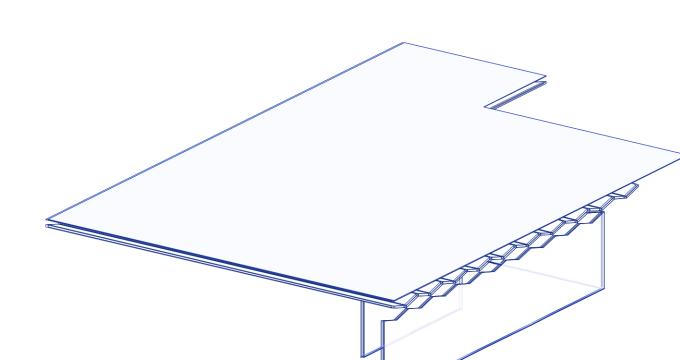
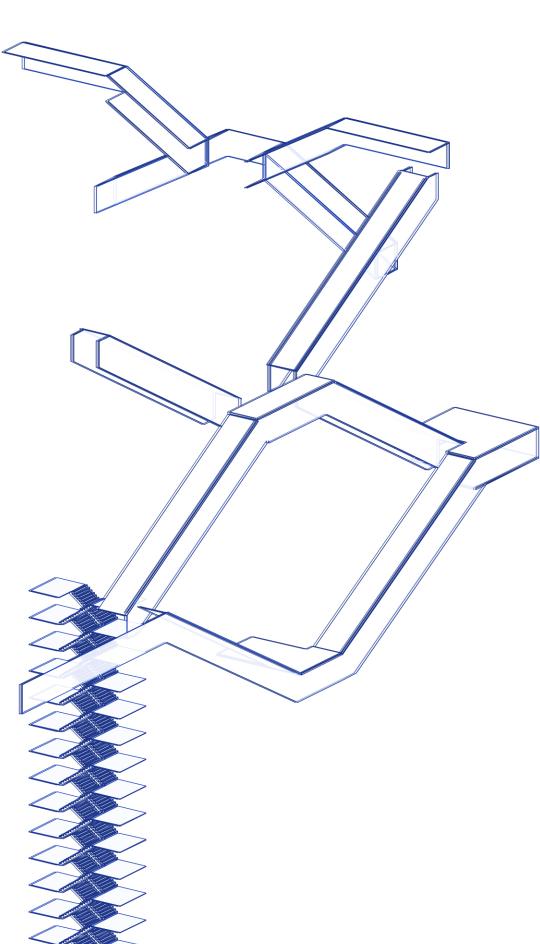
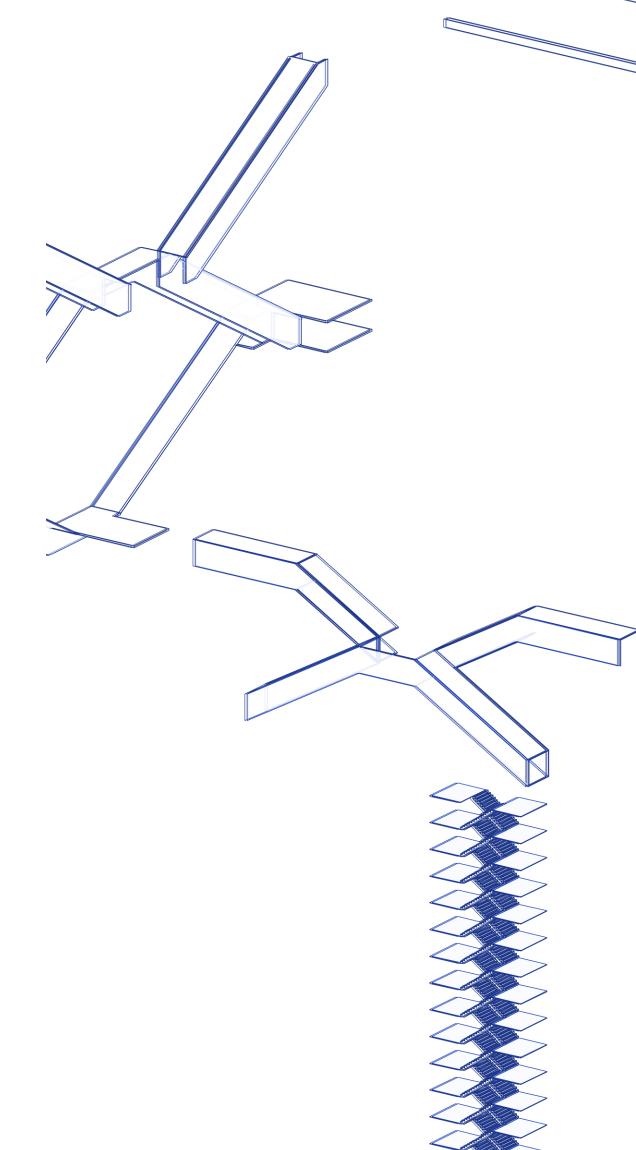
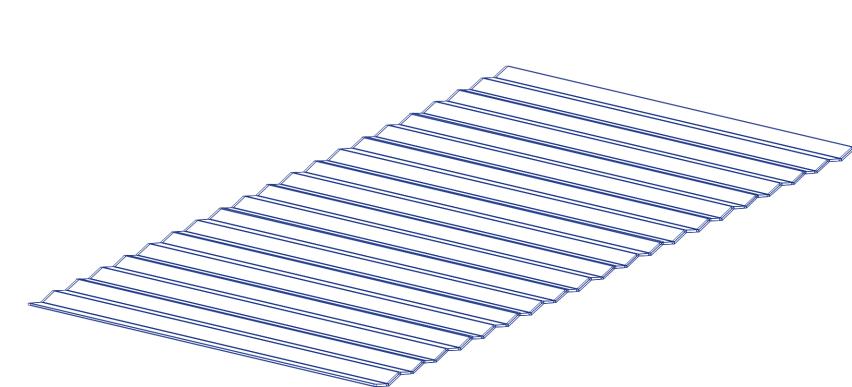
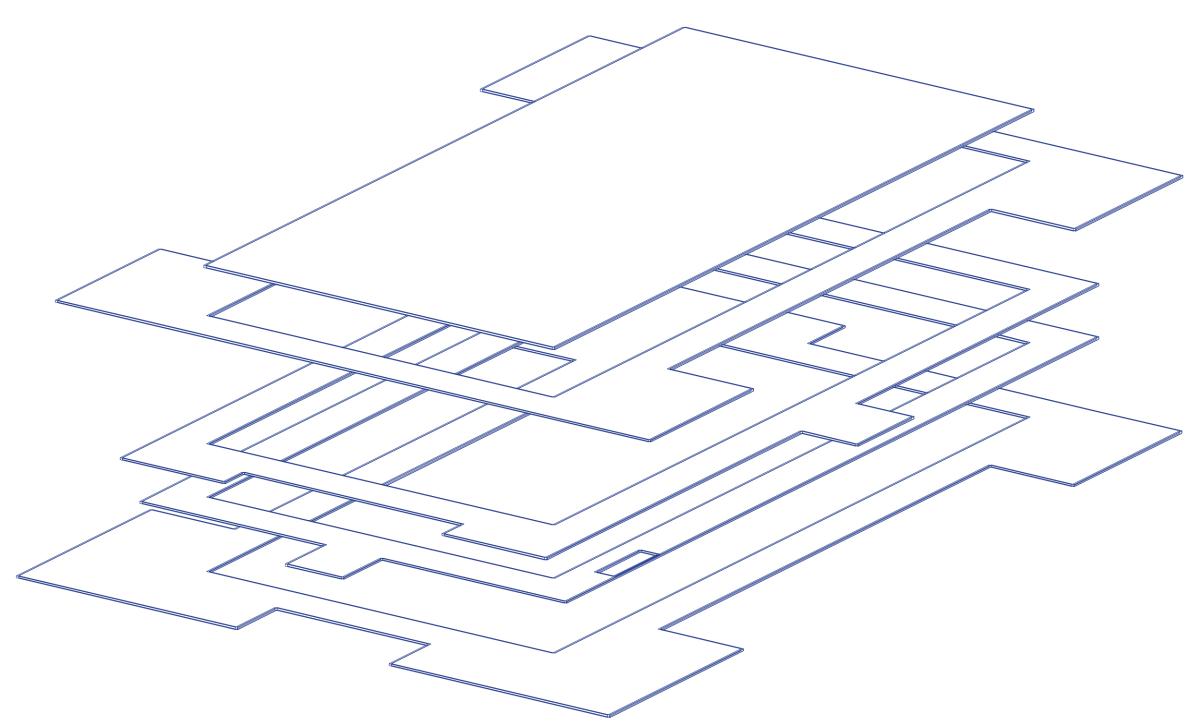
#### CLIMATE ZONES

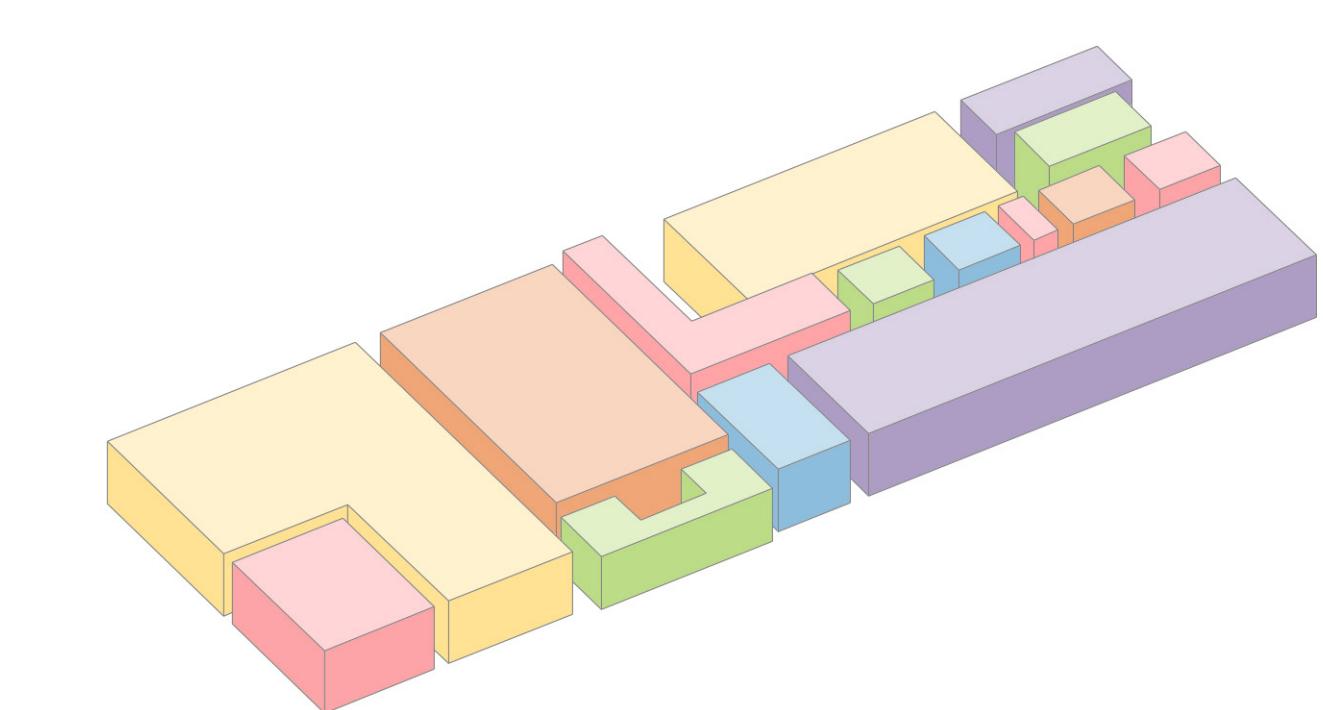
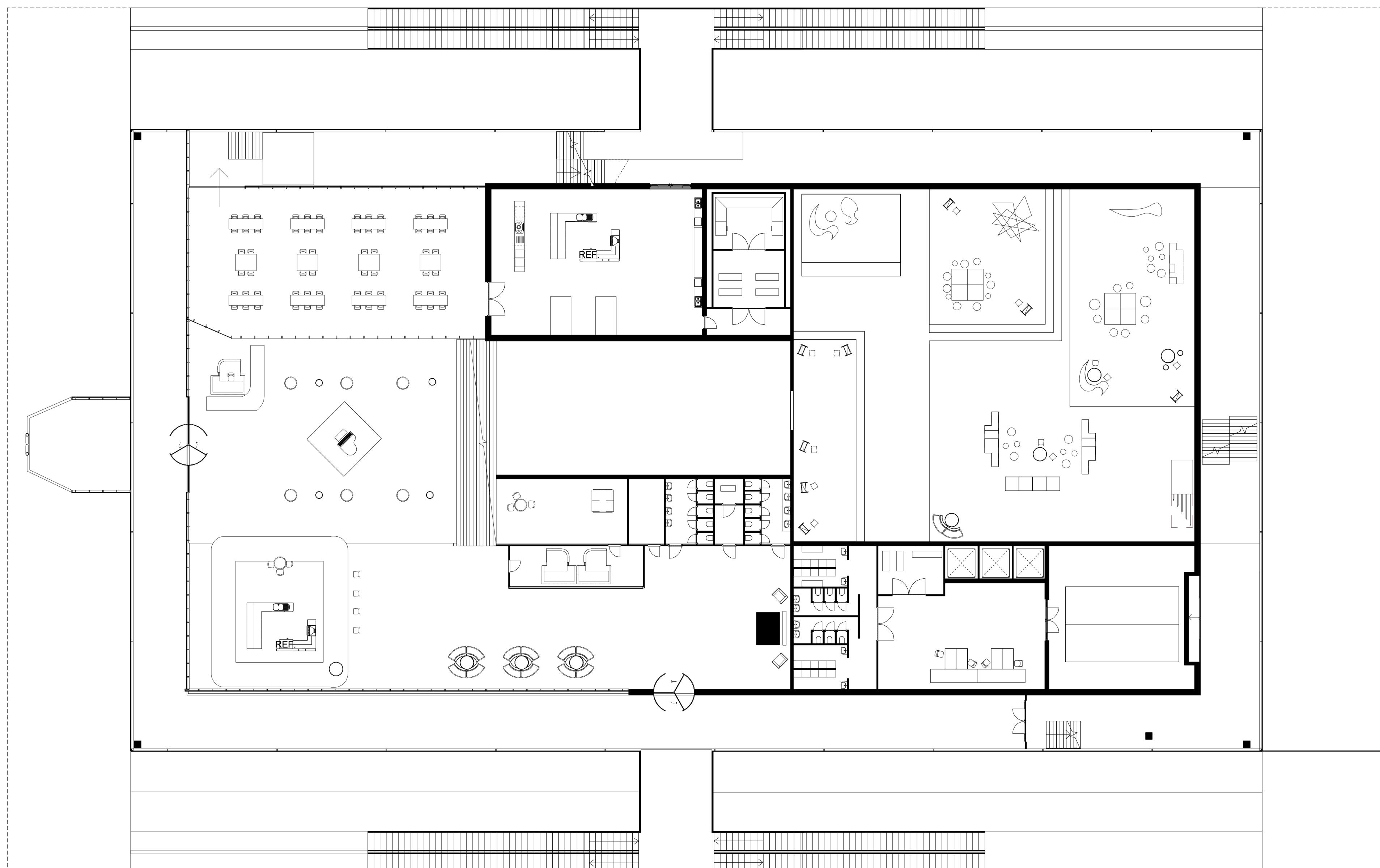
The building is oriented based on the sun. The north-east side can be considered as intermediate climate zone. This reduces the volume of the building that needs constantly mechanical ventilation. The South and west side can have a thinner facade for heat.



#### POSITIONING OF THE BUILDING

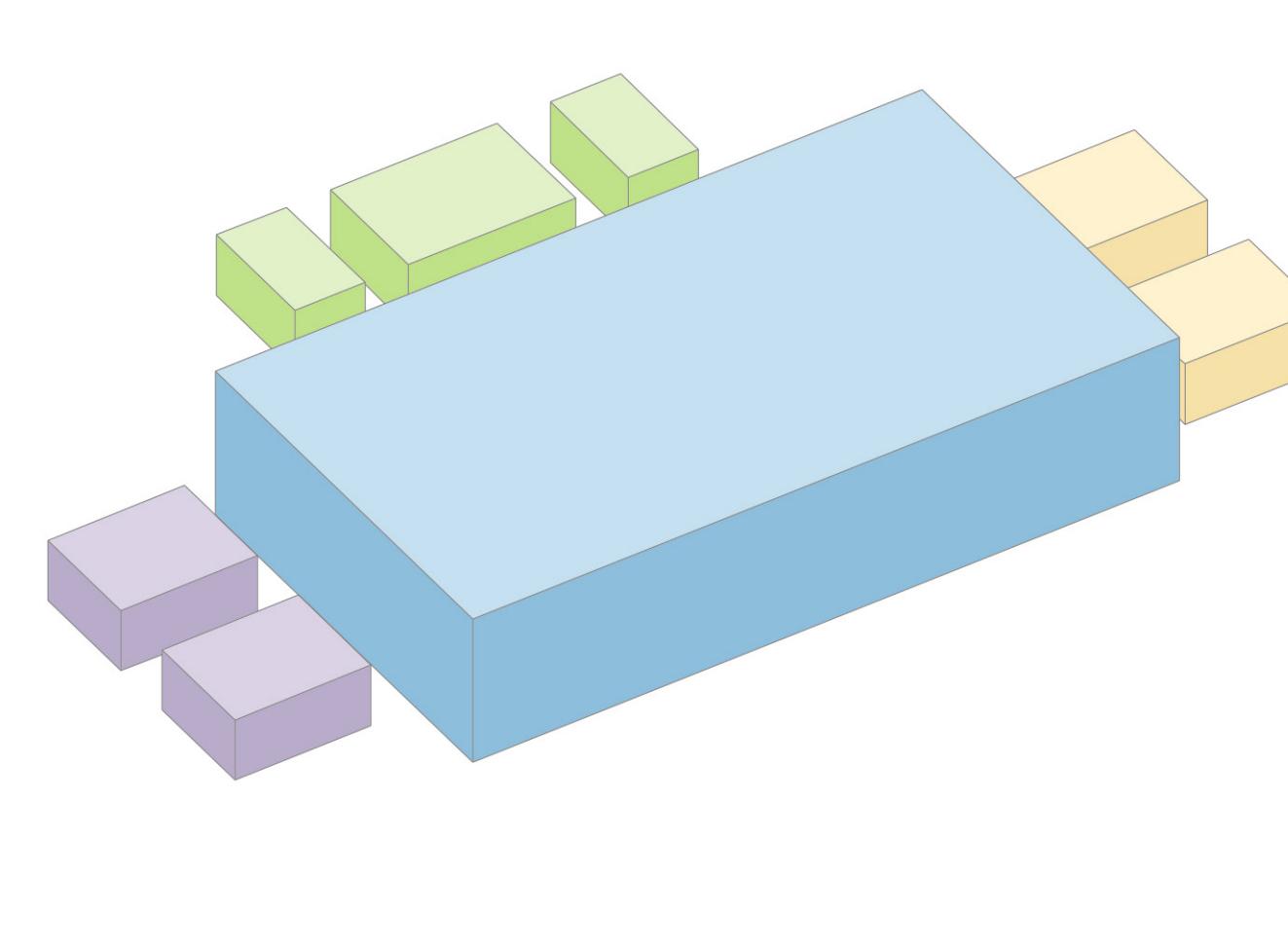
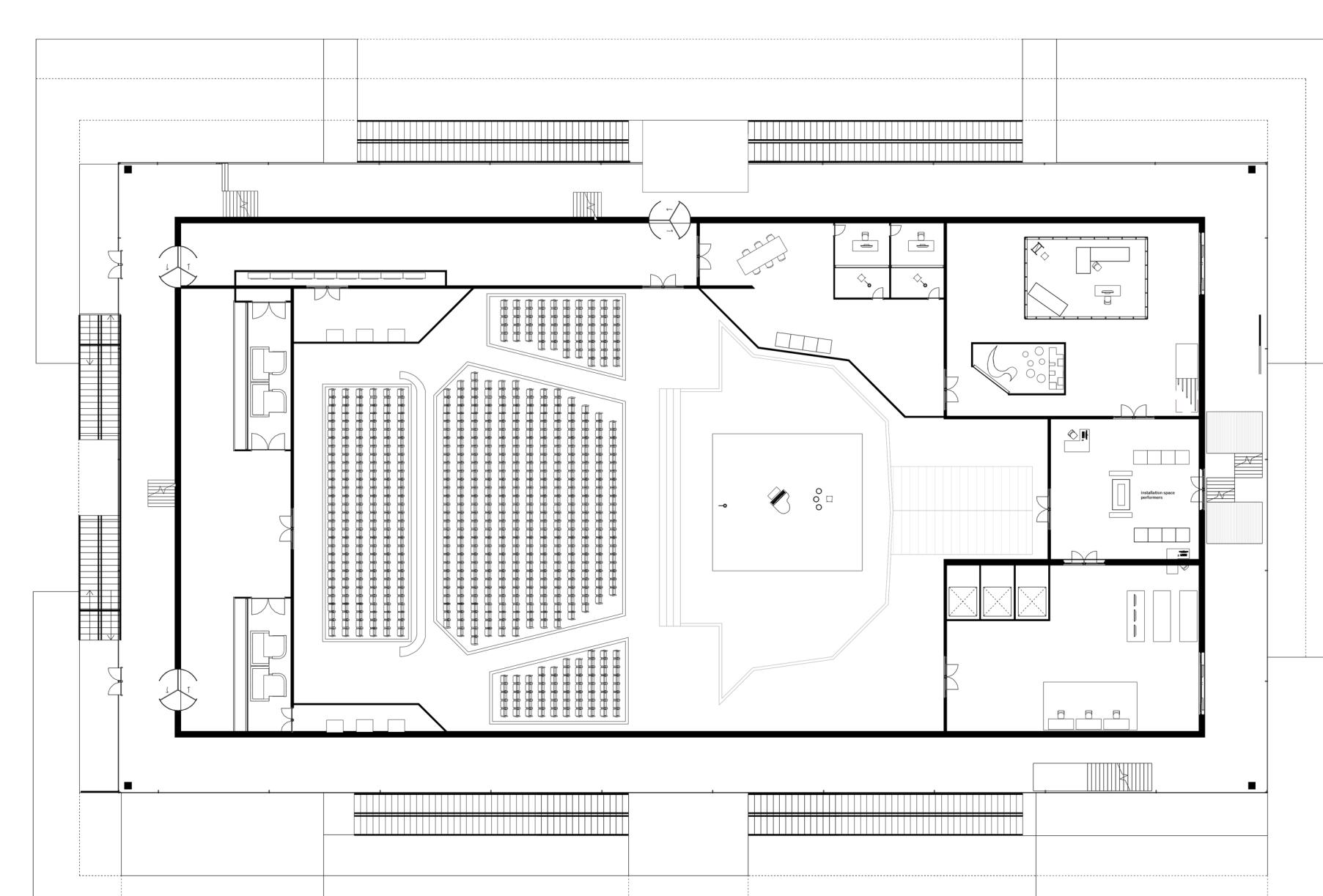
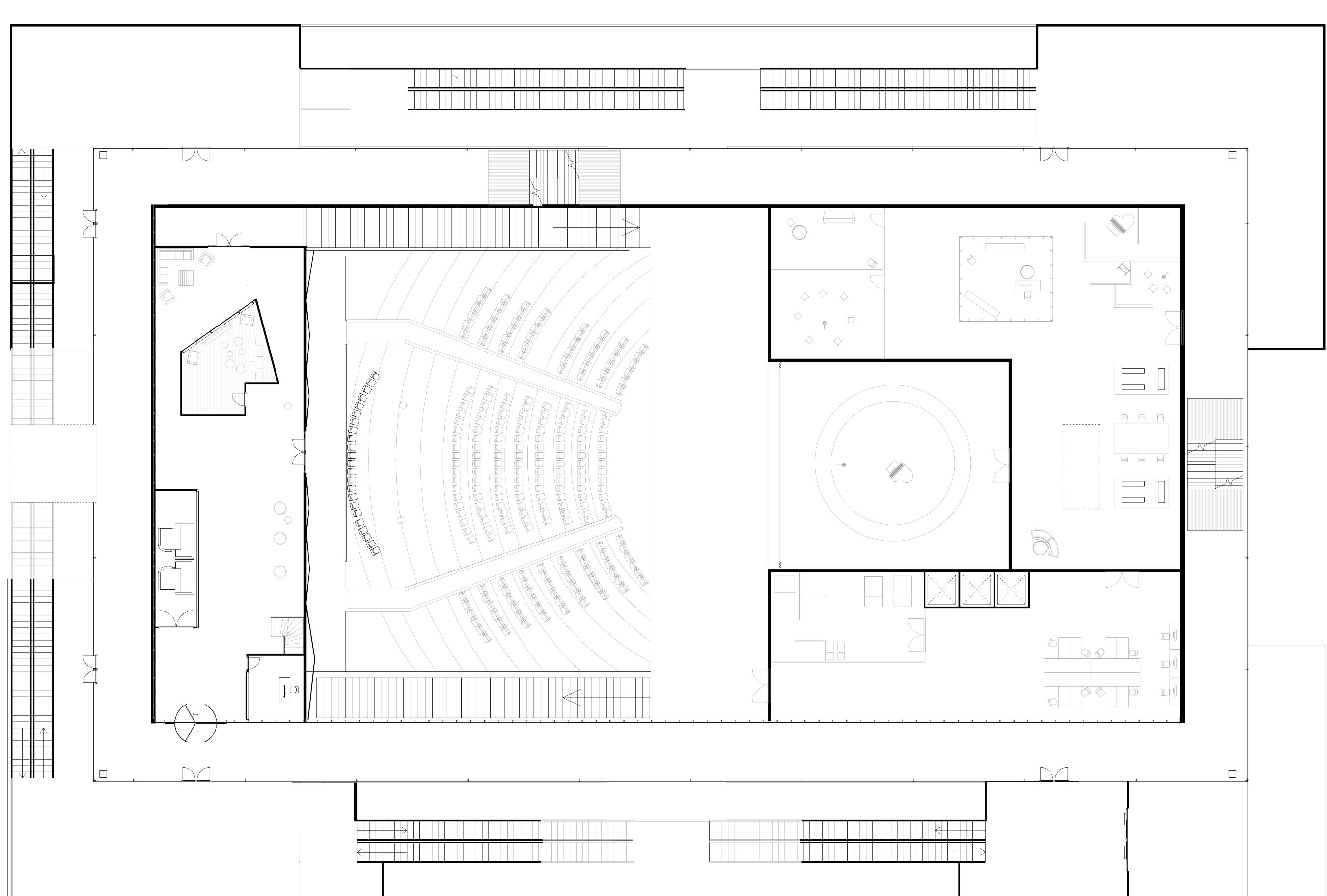
The landscape as a pragmatic continuation of the building. The Muschall is the border between the silence park and the chaotic roadway along Binckhorst. The combination of this two elements makes the building much more attractive and crucial.





Ground floorplan - 1:200 Vibrant

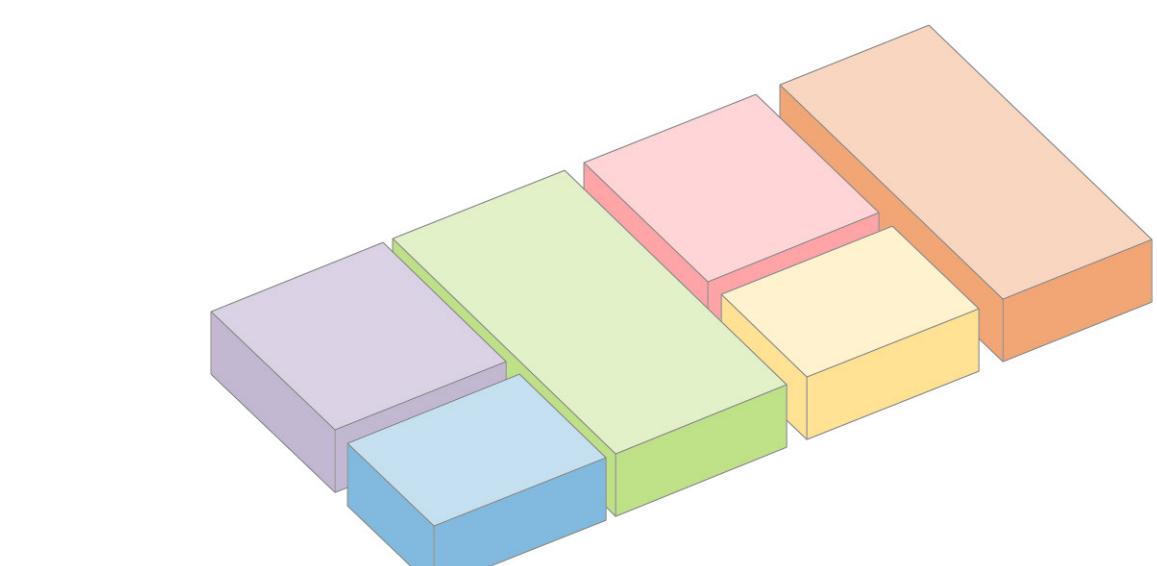
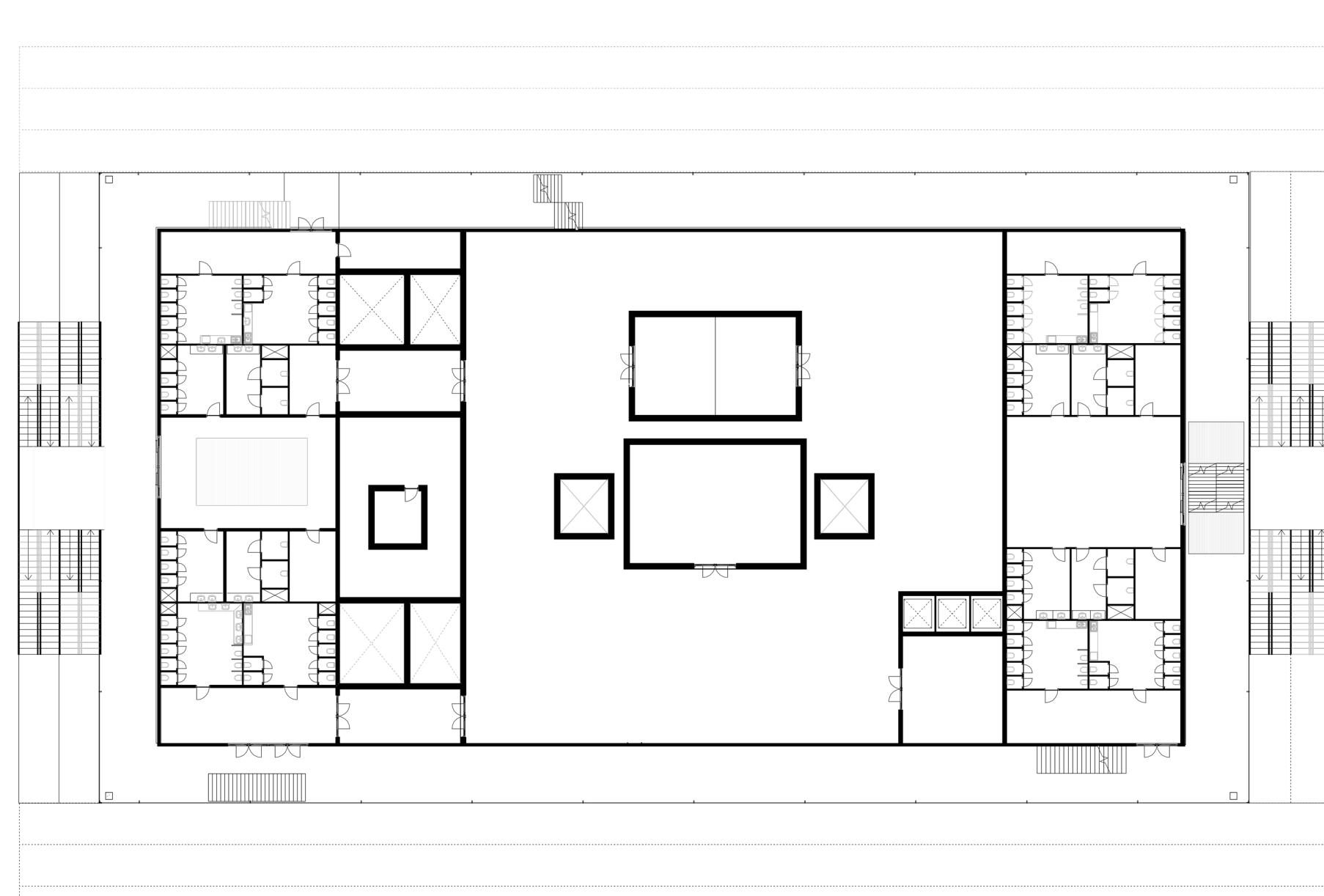
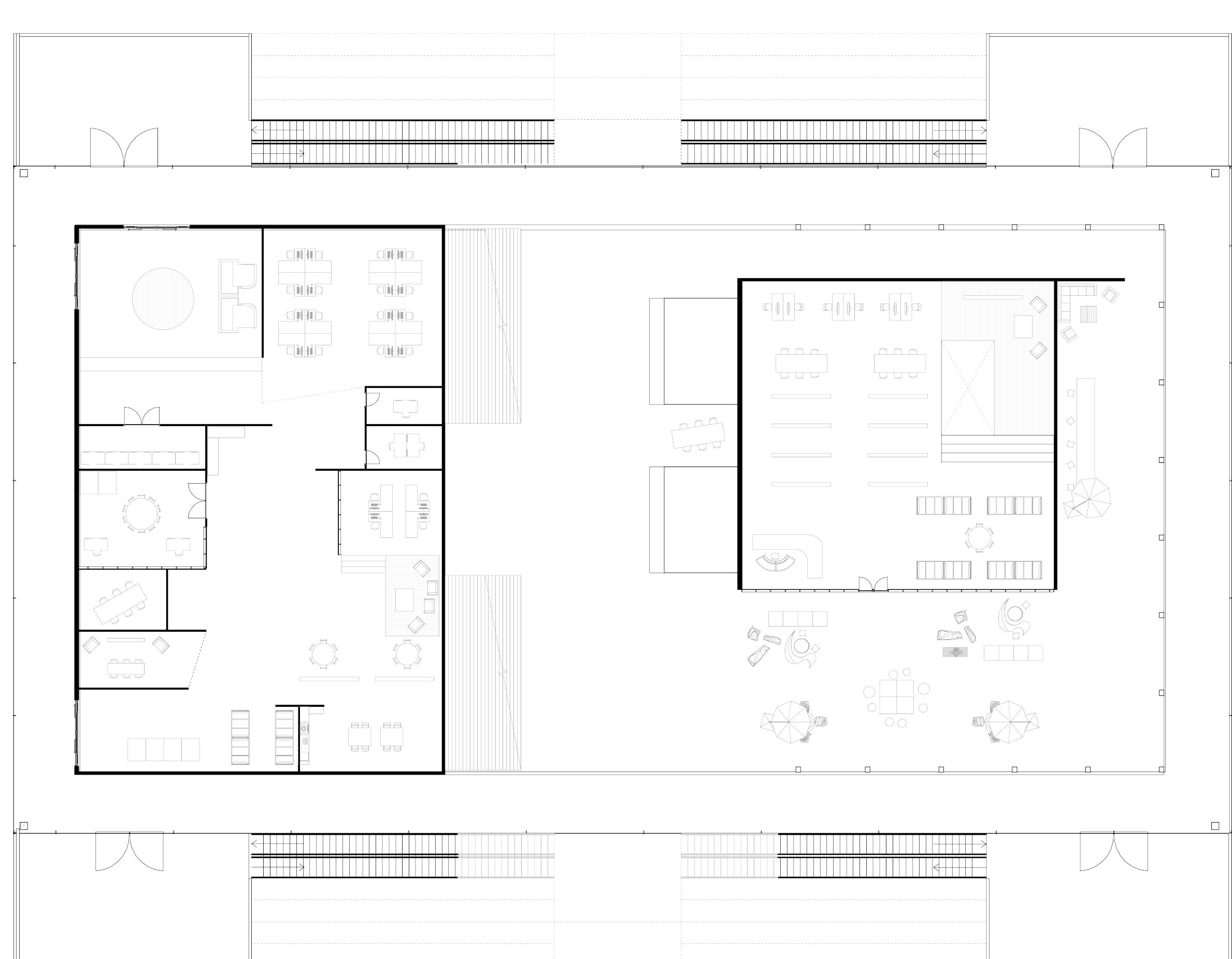
Chaos function division



First floorplan - 1:300 Harmonic

Third floorplan and balcony - 1:400 Harmonic

Harmonic function is focus



Fourth floorplan - 1:300 Silence

Second floorplan - 1:400 Installation layer

Rhythmic functions repeating