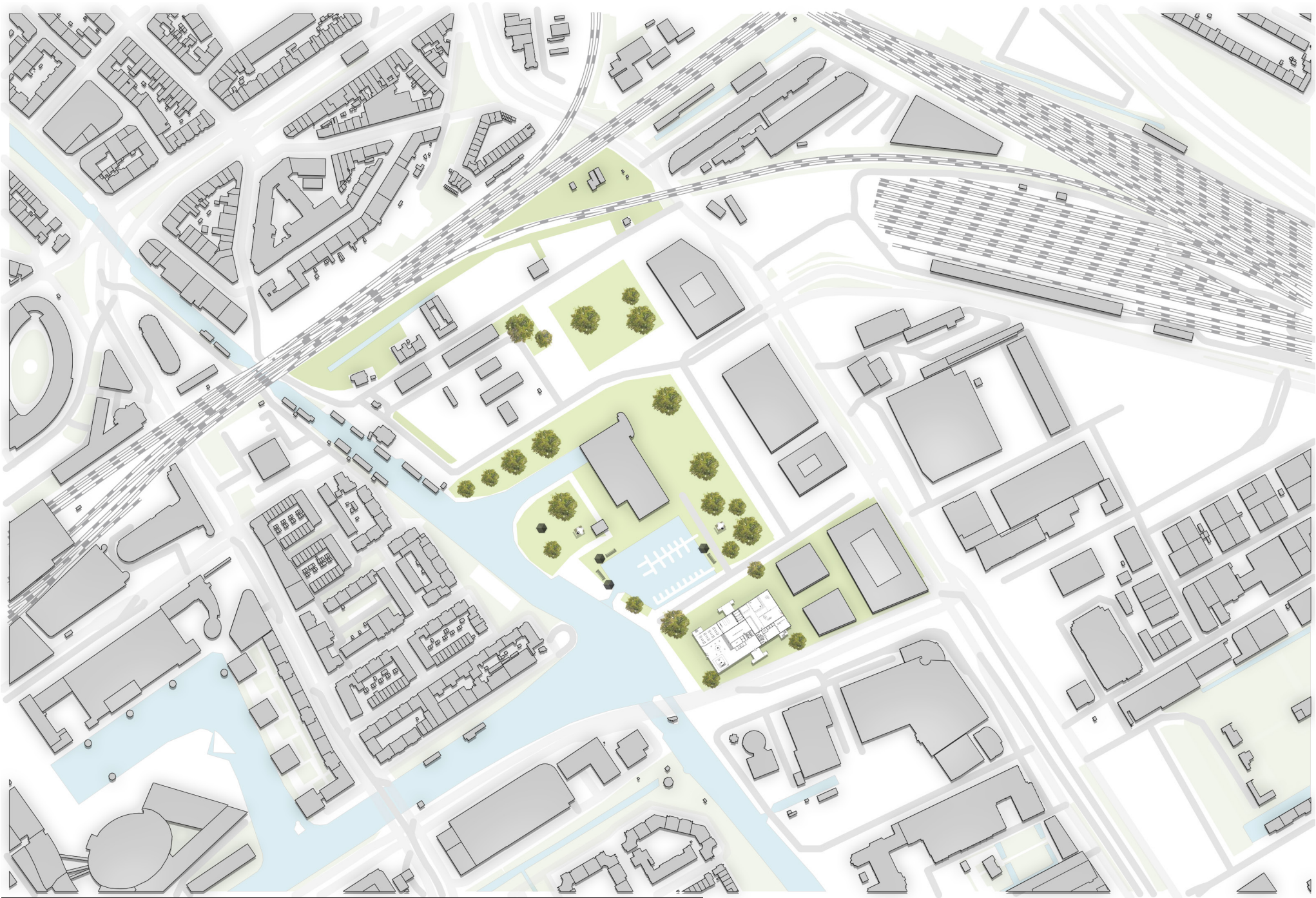






# IS A MUSIC BUILDING FOR EVERYONE, A MARVEL?

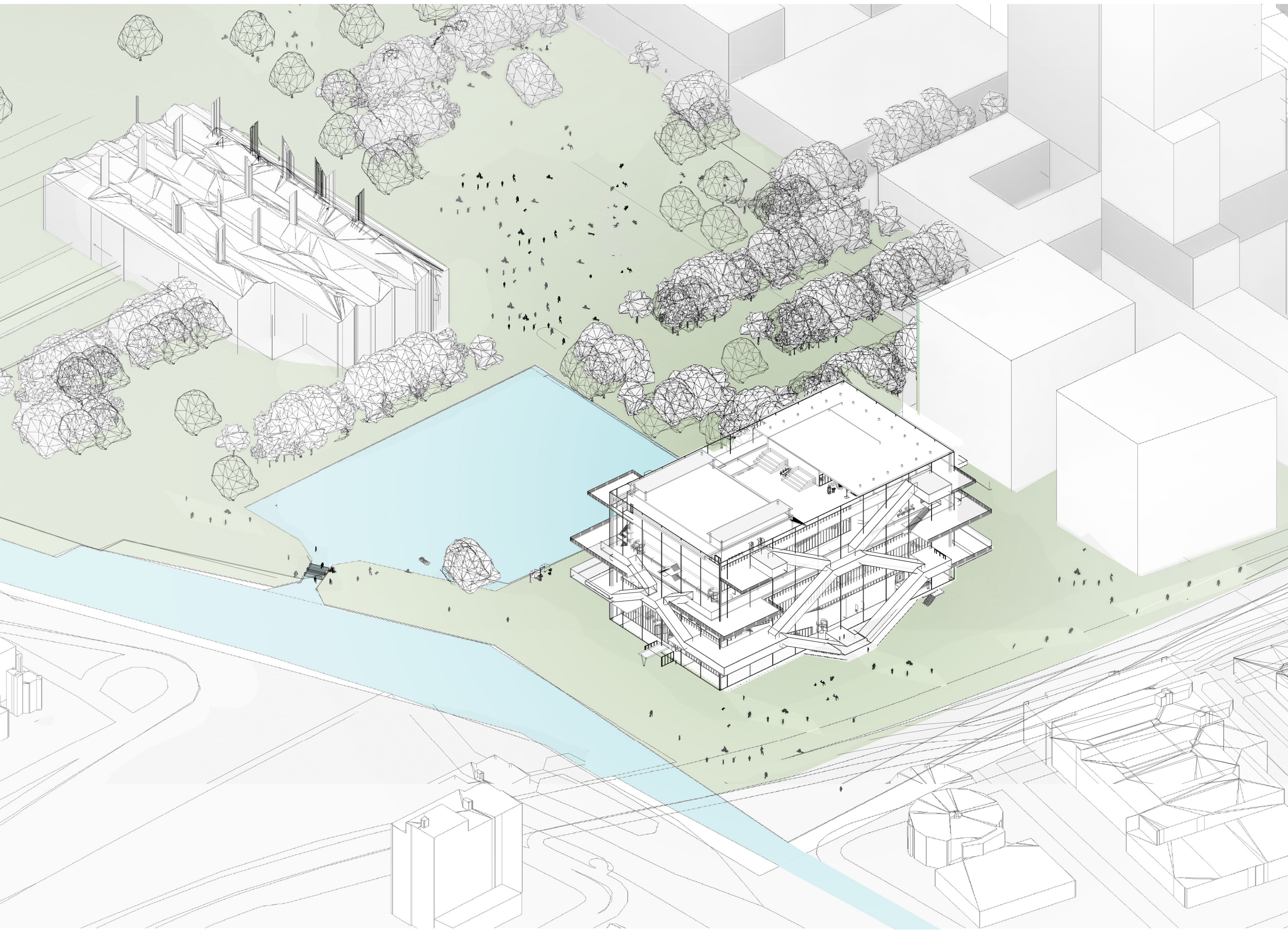
Hakkıcan Ünsür | 5248701 | AR3AP100 Public Building Graduation Studio | TU Delft | Architecture



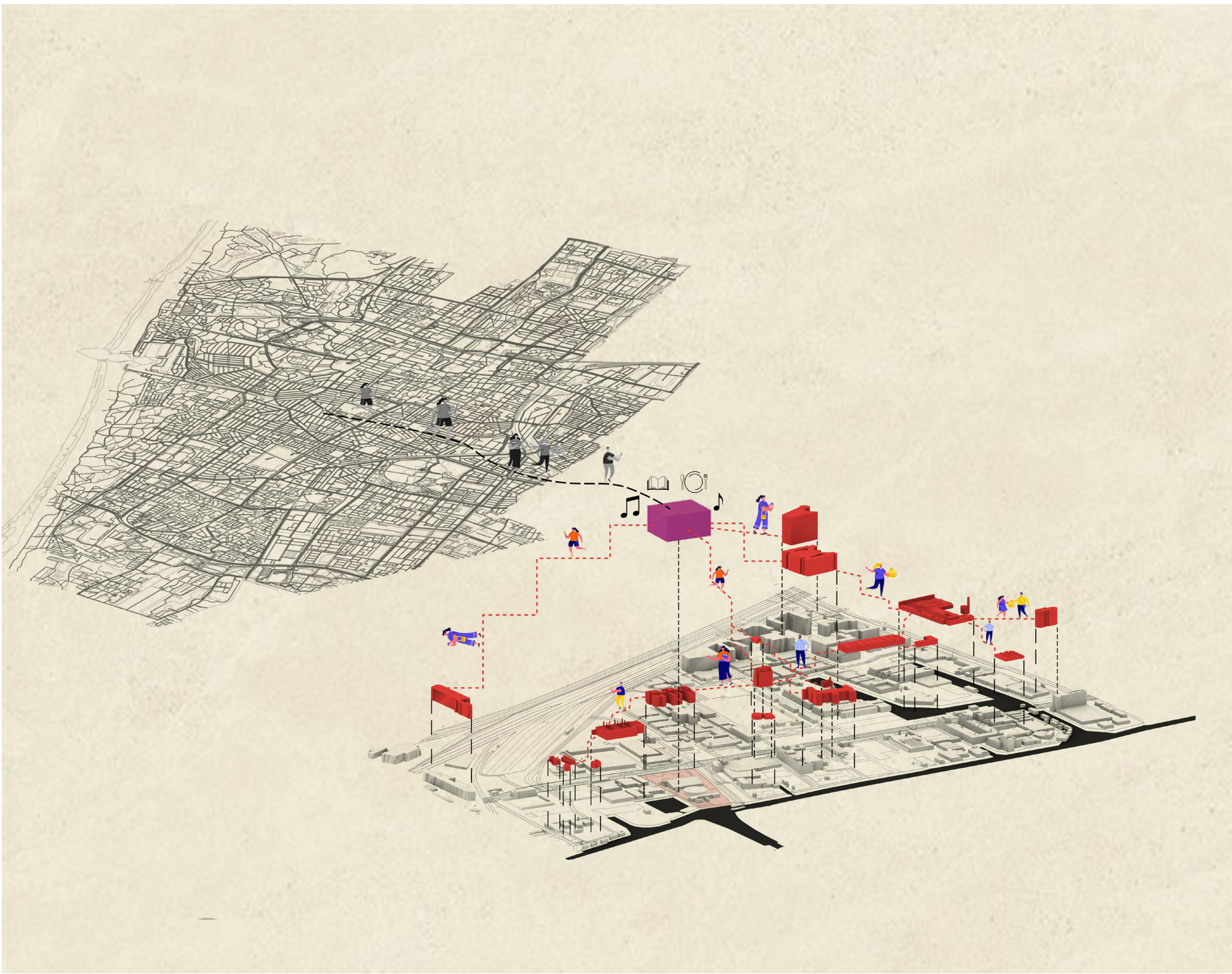
Masterplan - Gasfabriekterrein - 1:500



Nolli plan - Gasfabriekterrein - 1:500



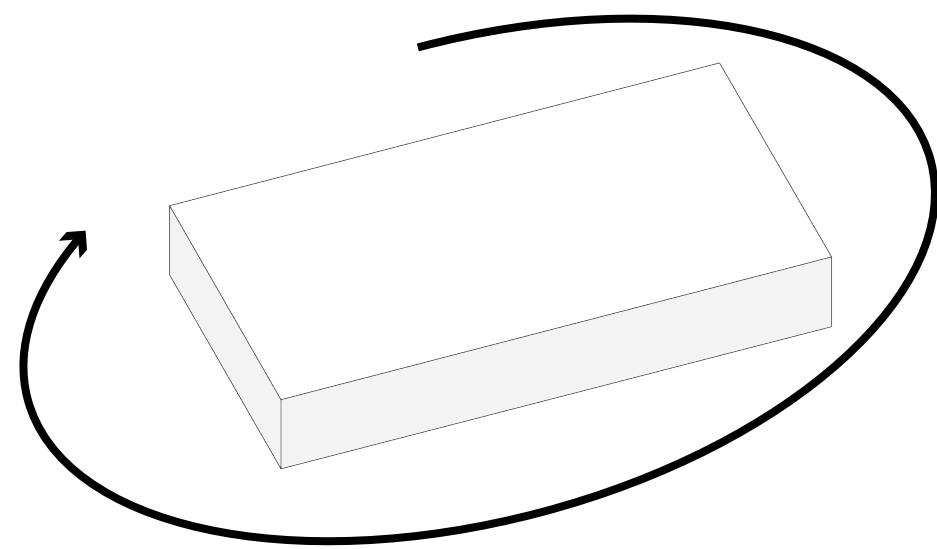
Bird eye view music building - Gasfabriekterrein



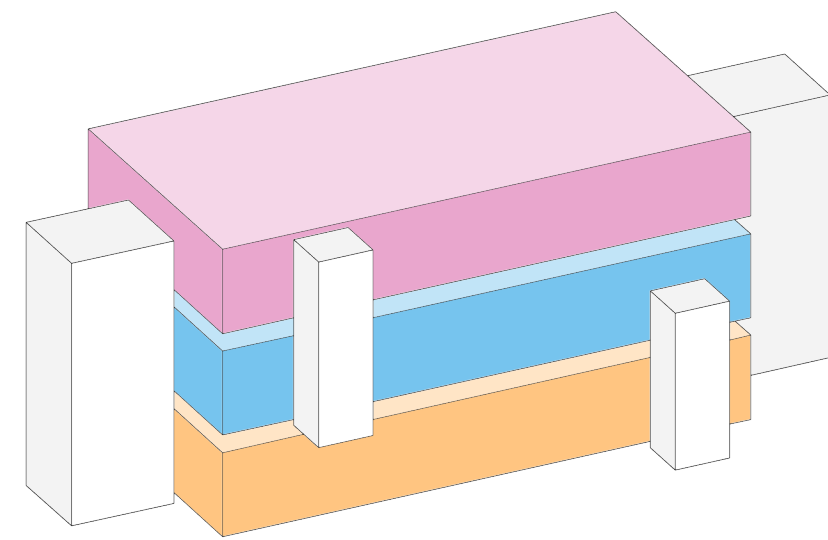
Manifesto connecting the Hague with the new Binckhorst



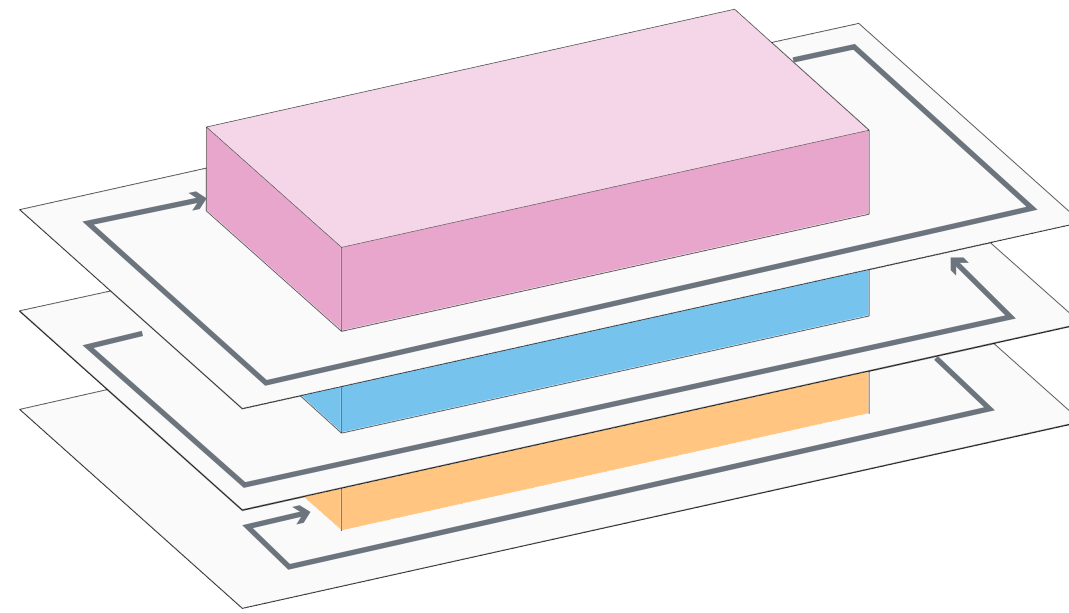
Manifesto vertical movements



Circulation around the building



Vertical movement around the building



Horizontal movement around the building



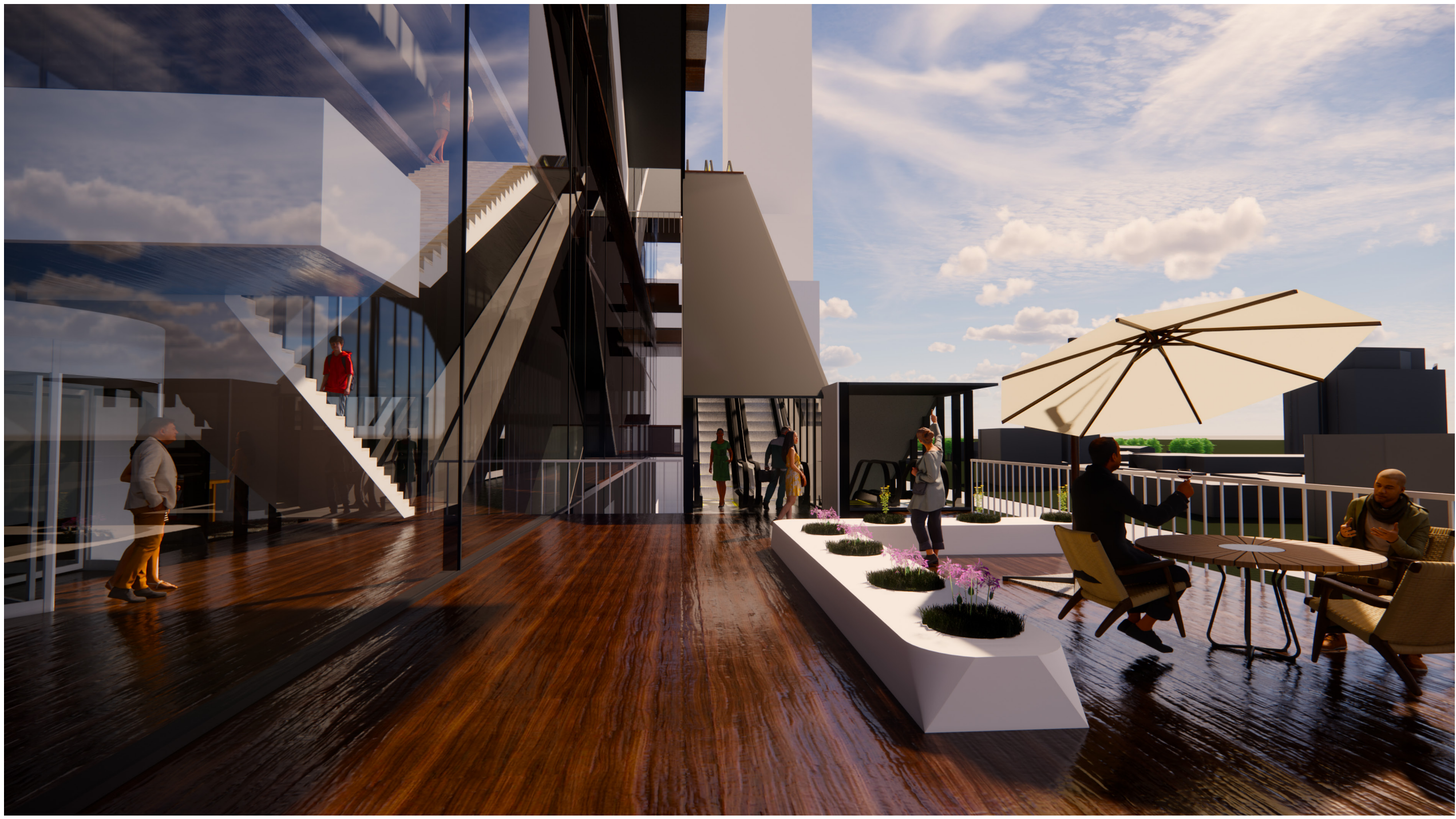
Interior perspectives



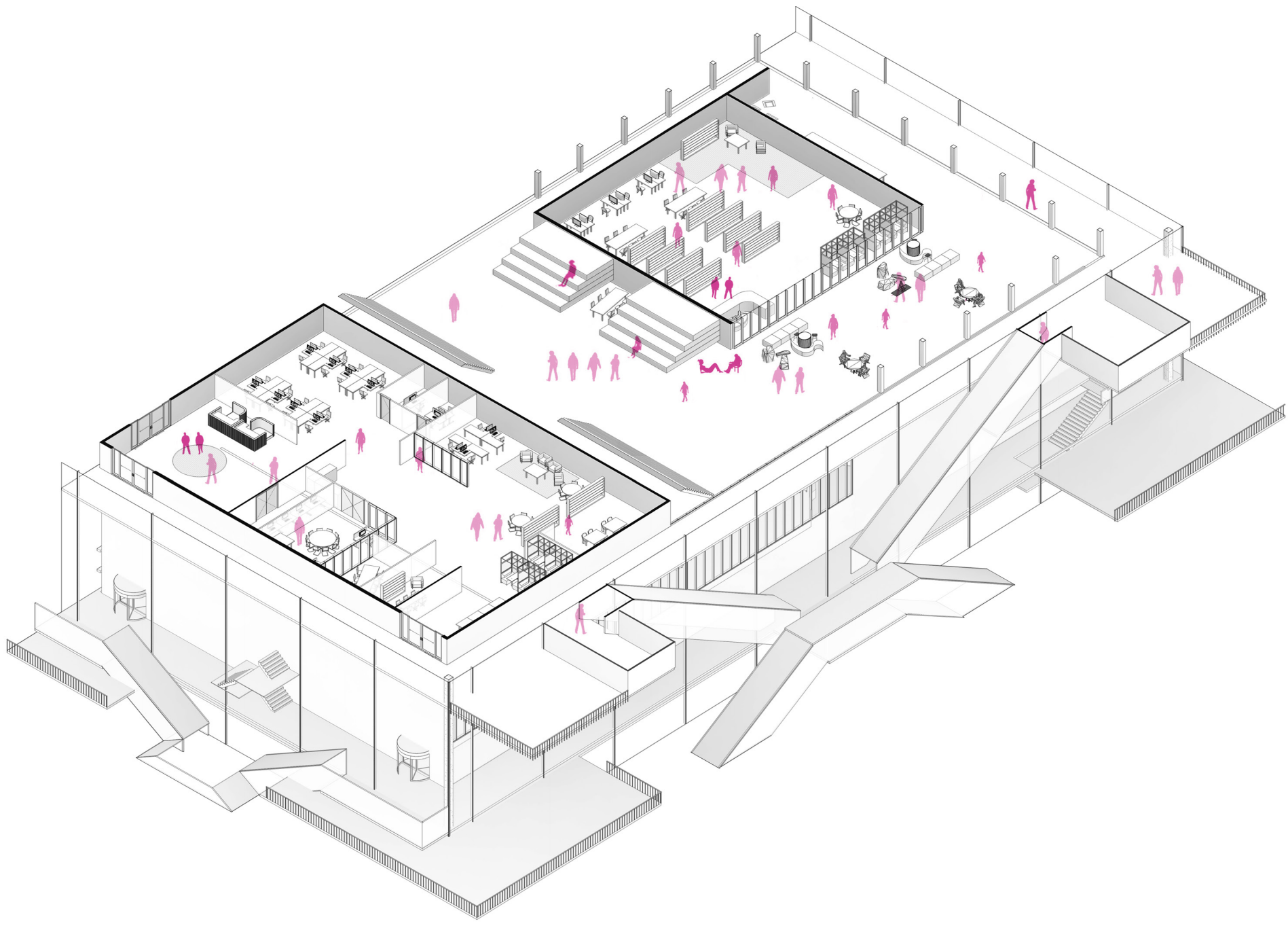




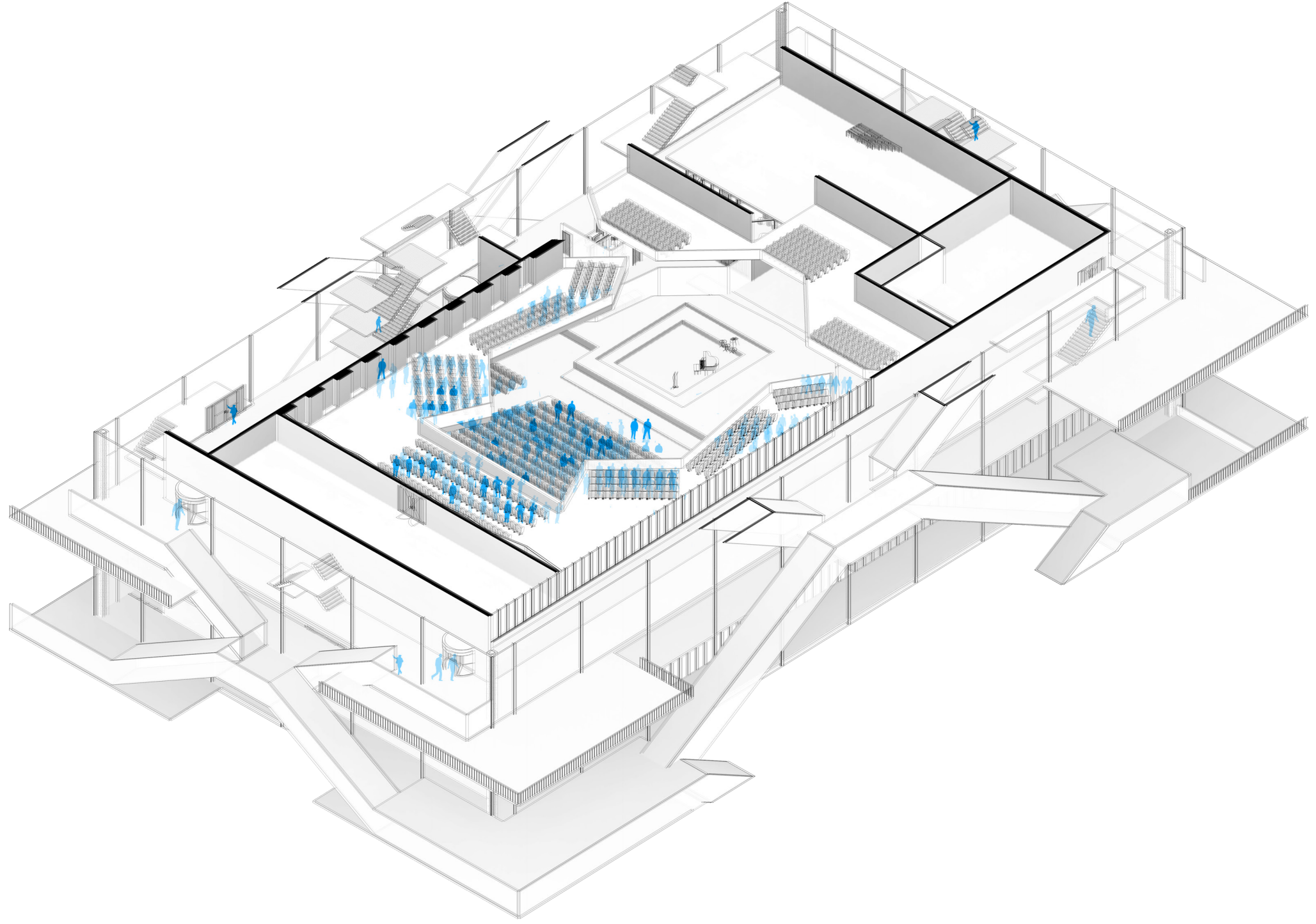




Silence



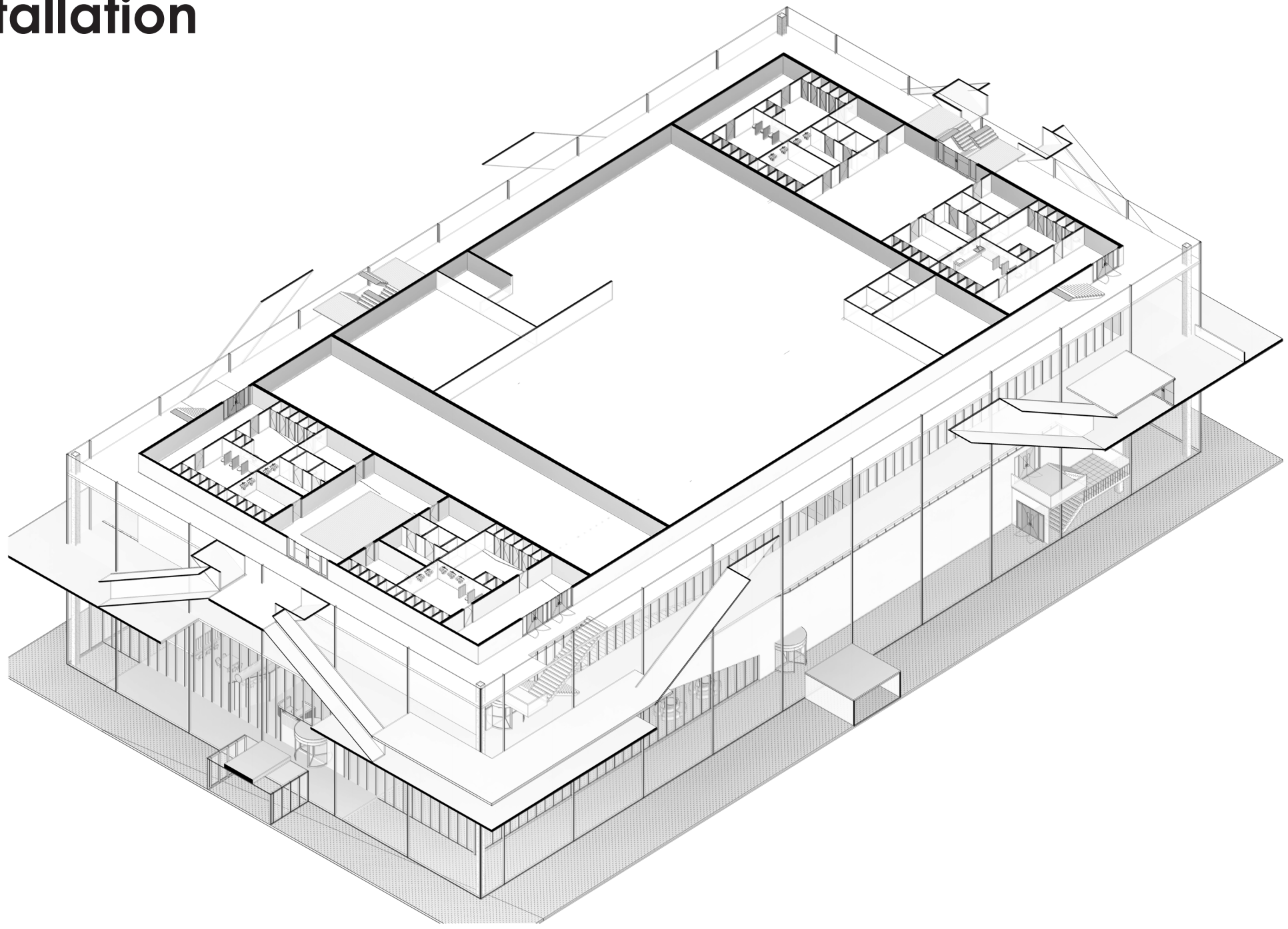
Harmonic



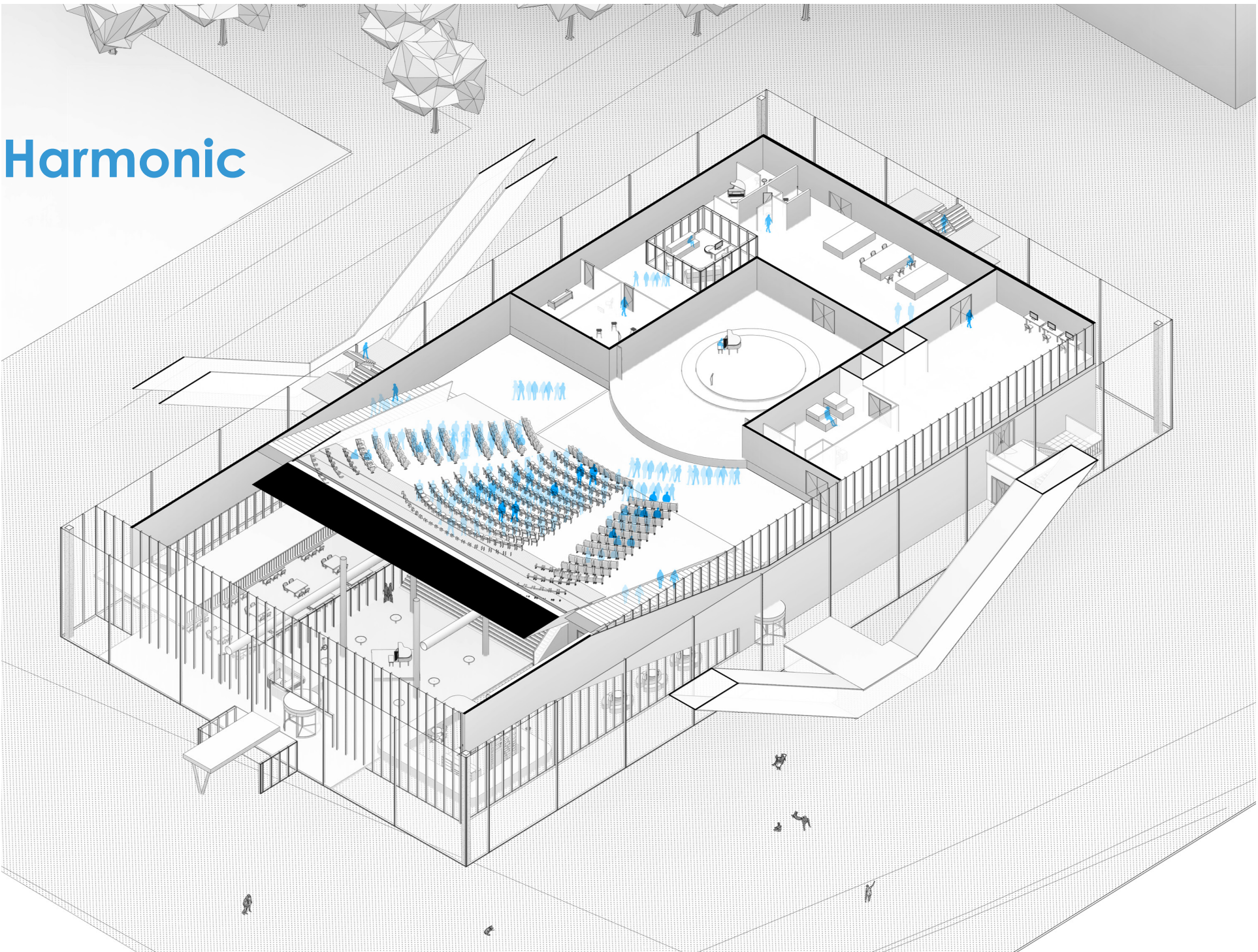
Experience in vertical and horizontal movements

Experience in axonometrics

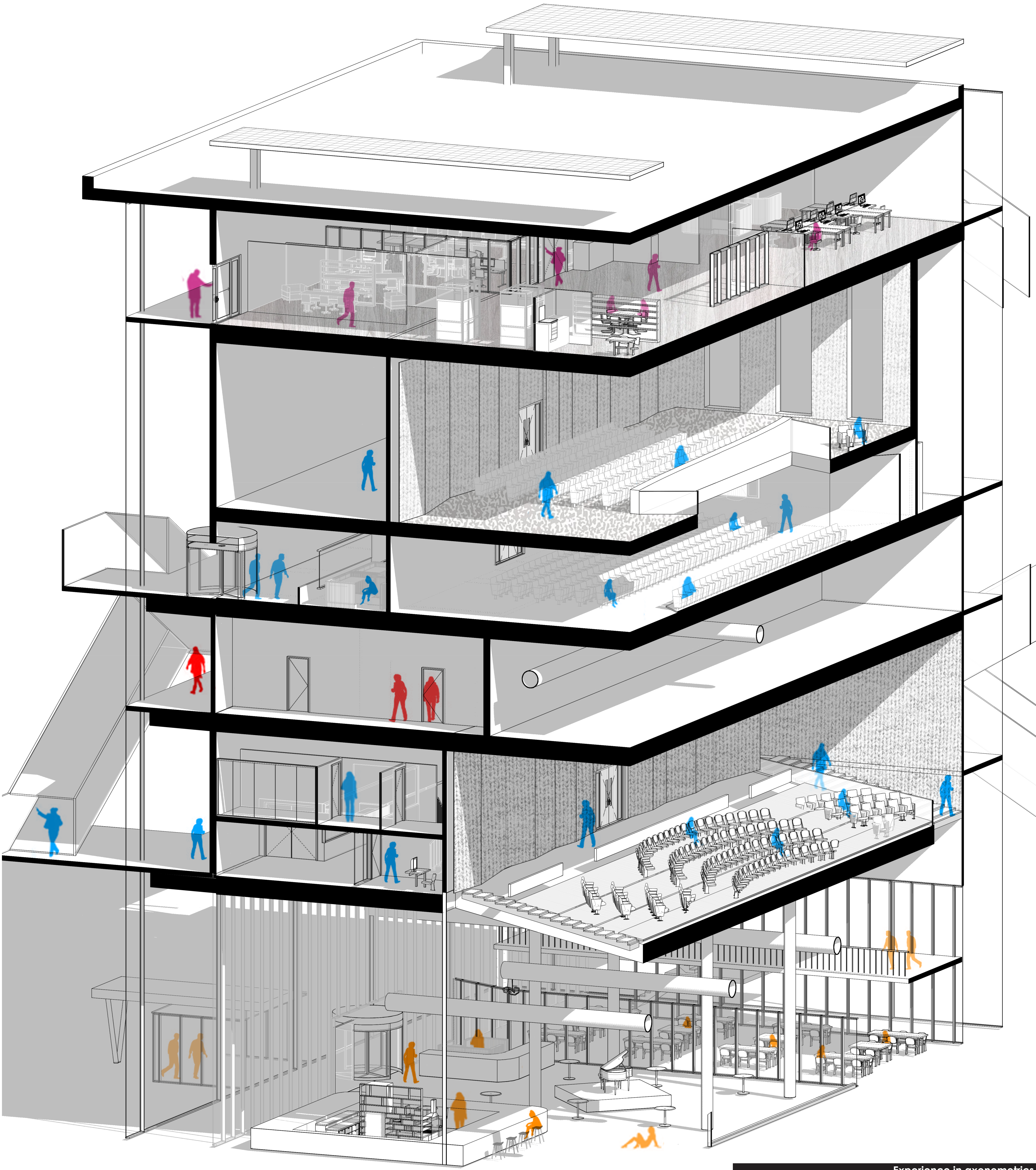
Installation



Harmonic

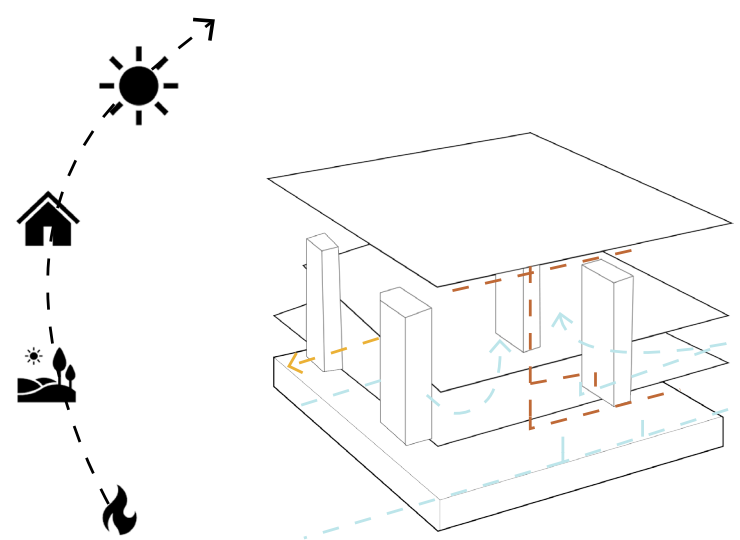


Vibrant



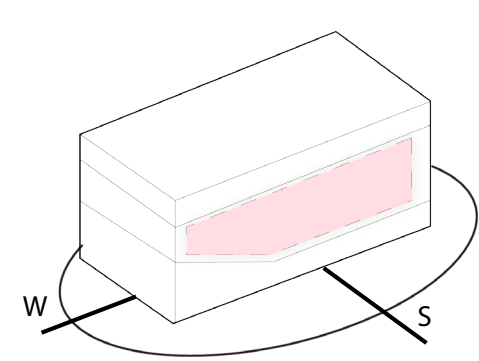
Experience in axonometrics





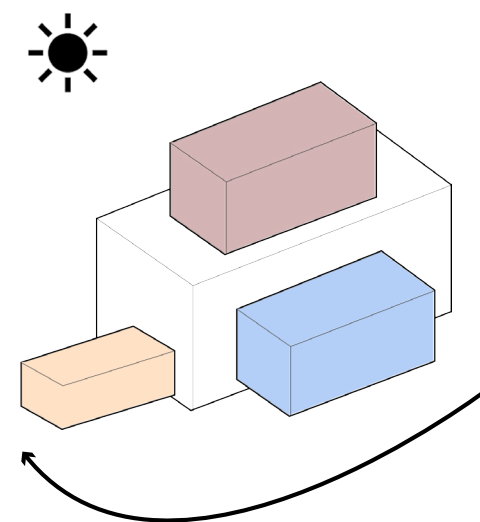
#### SUSTAINABLE ENERGY SUPPLY

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.



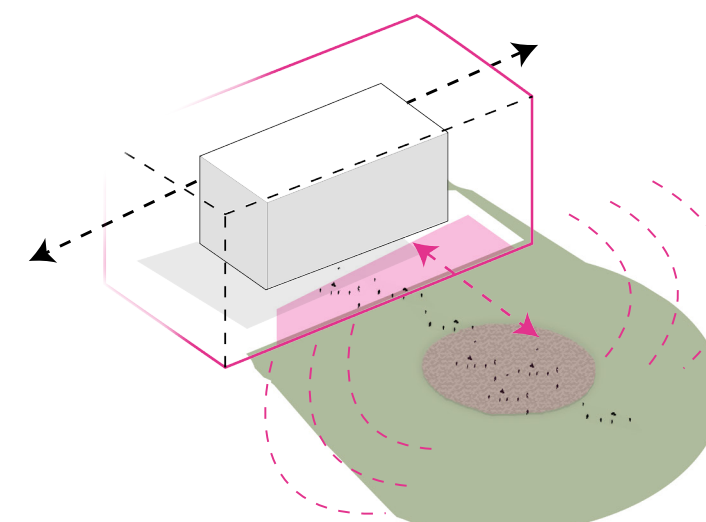
#### REDUCING FOOTPRINT

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.



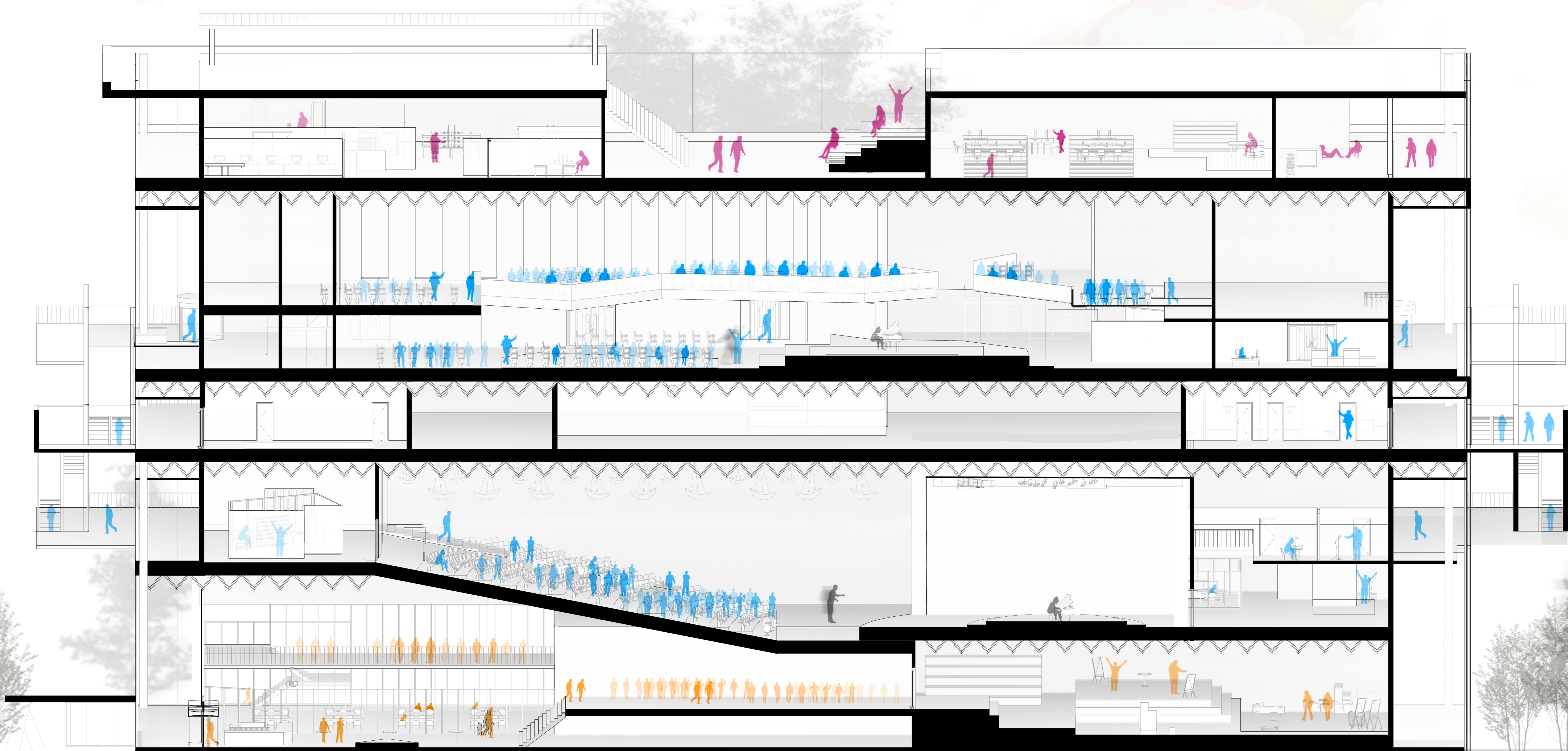
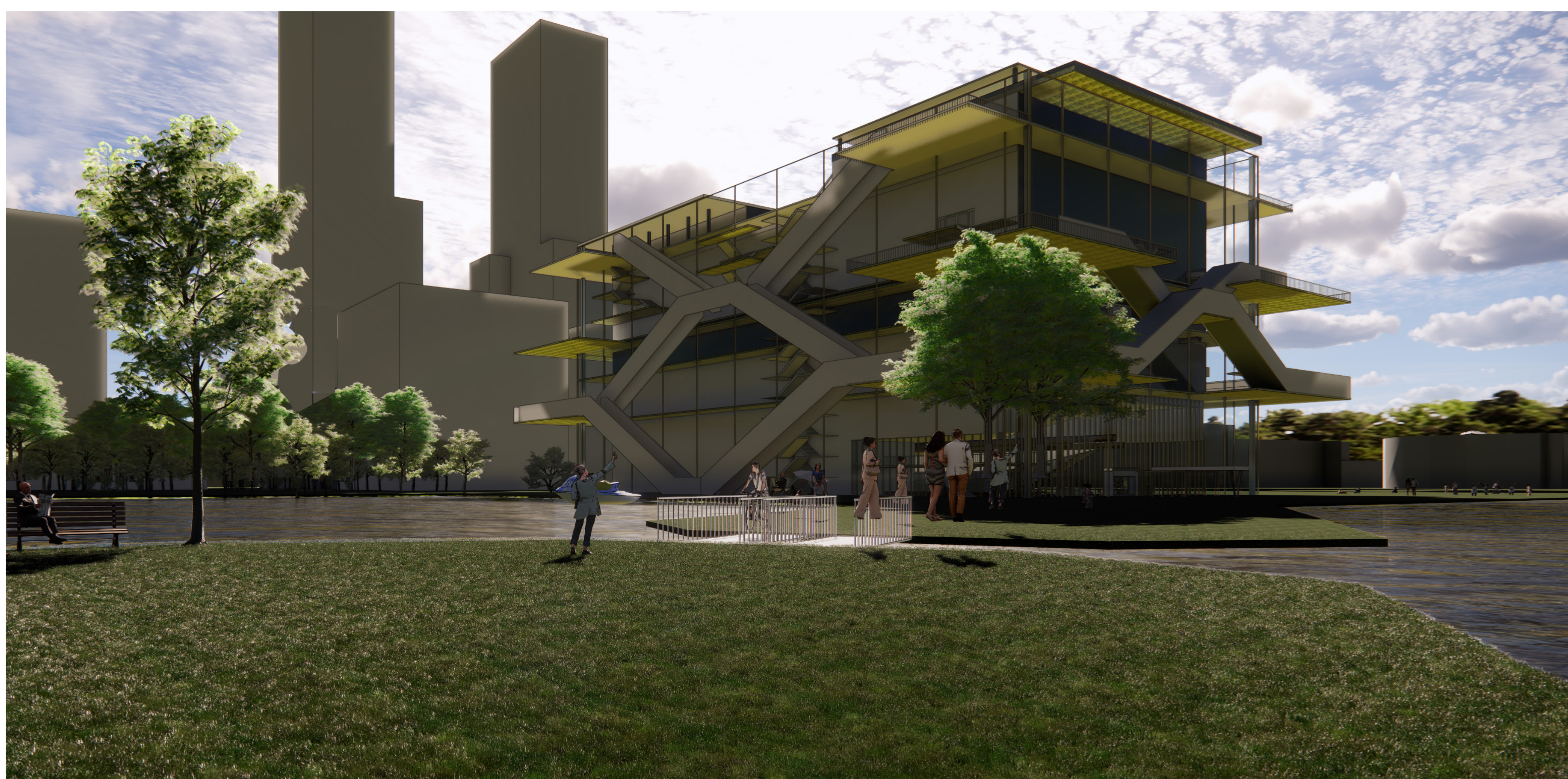
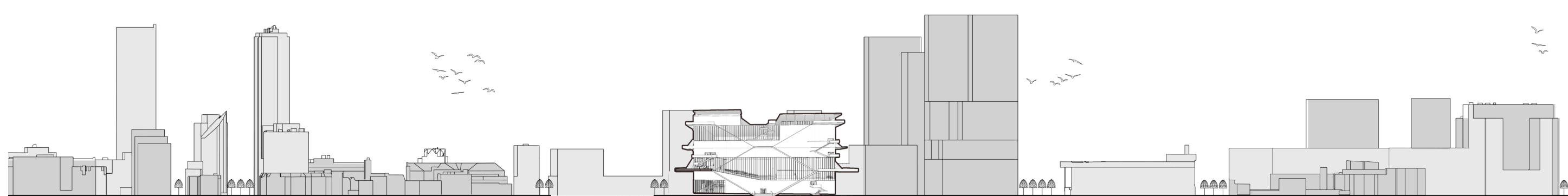
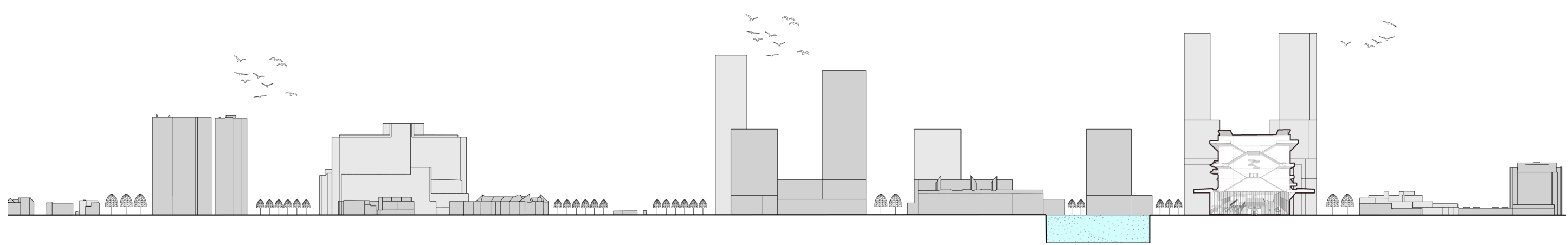
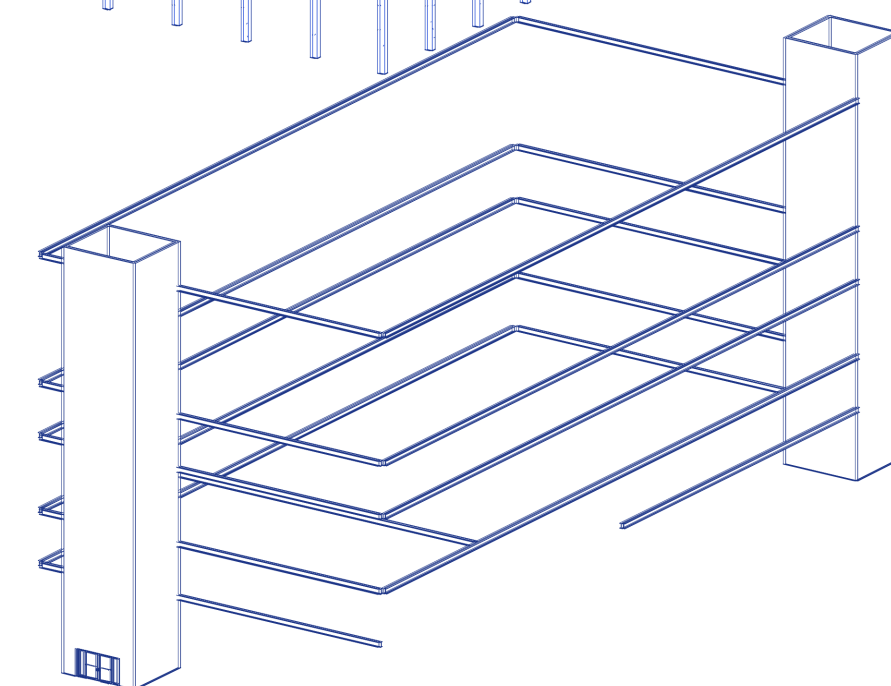
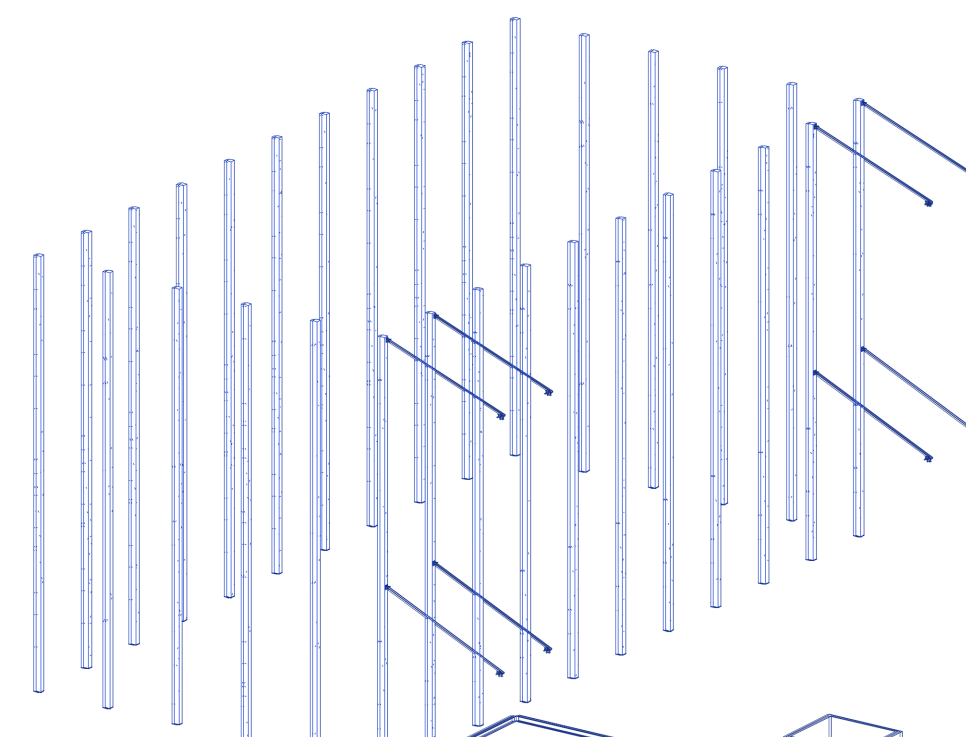
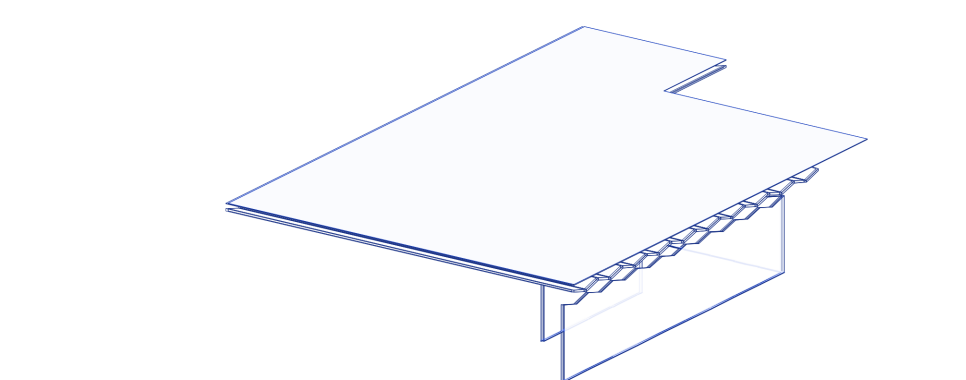
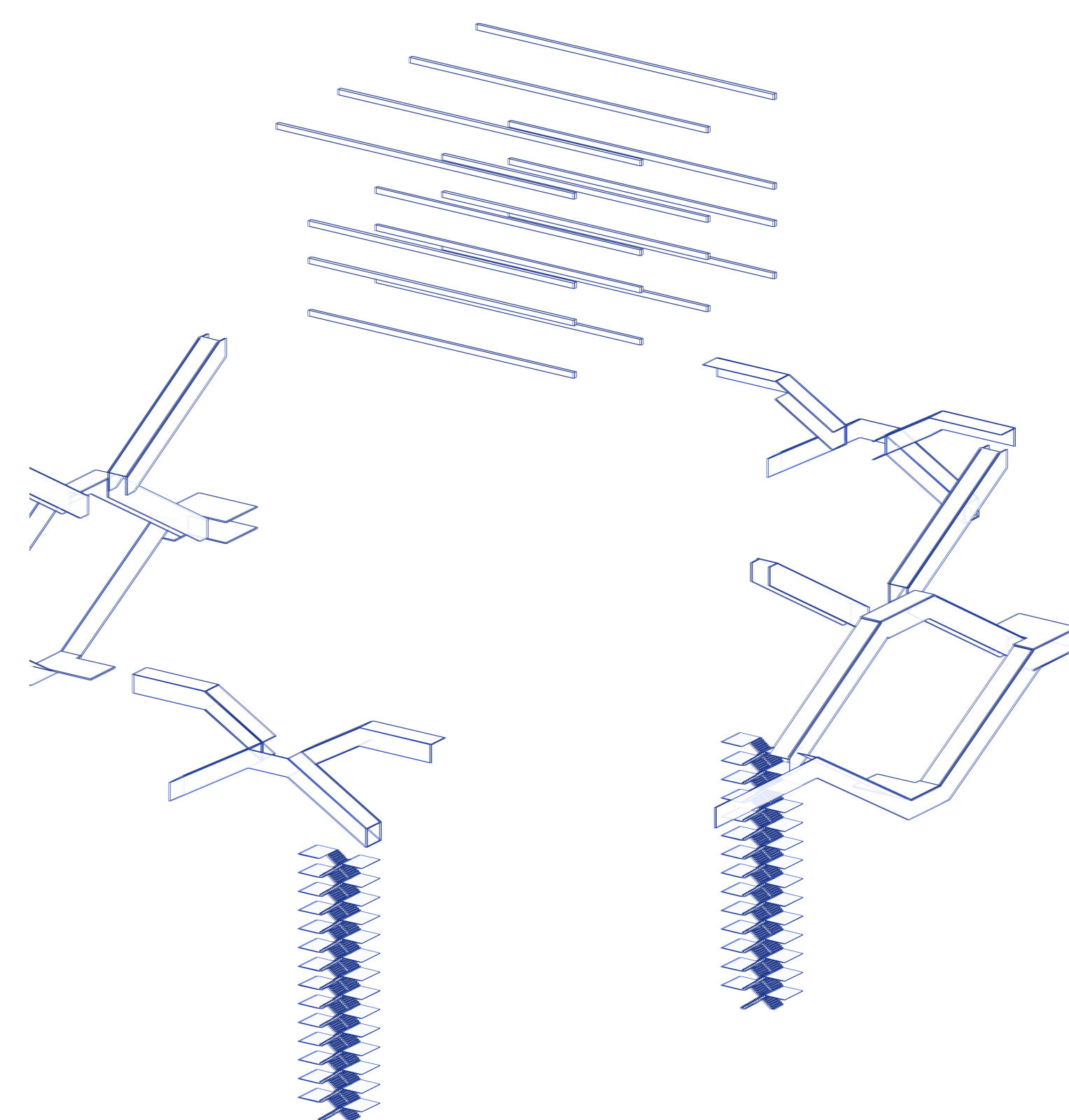
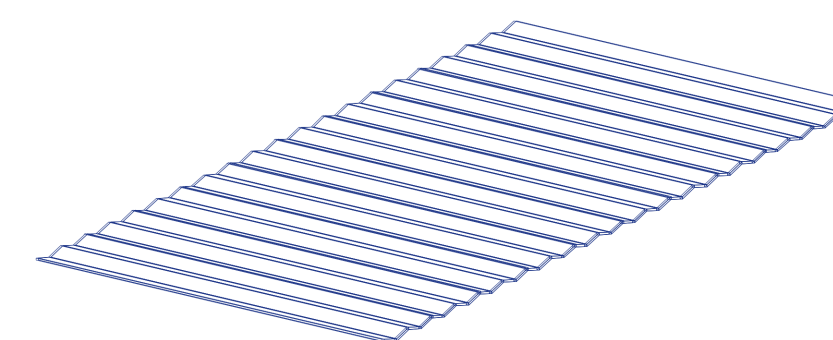
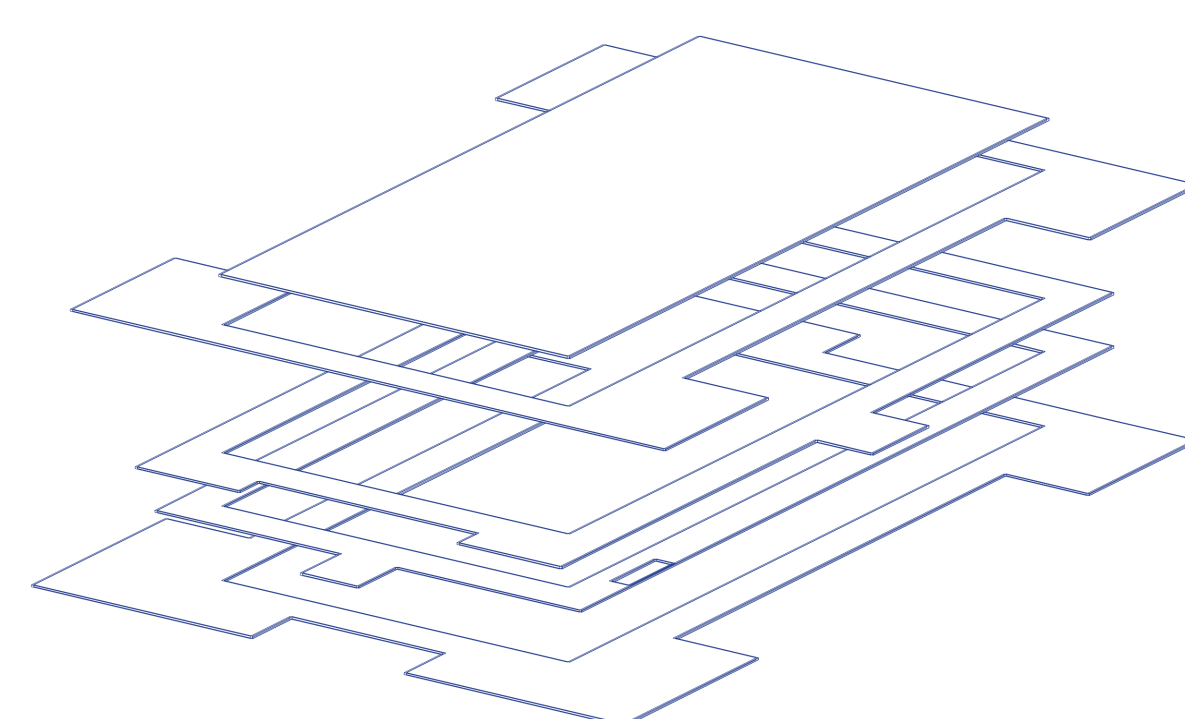
#### CLIMATE ZONES

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

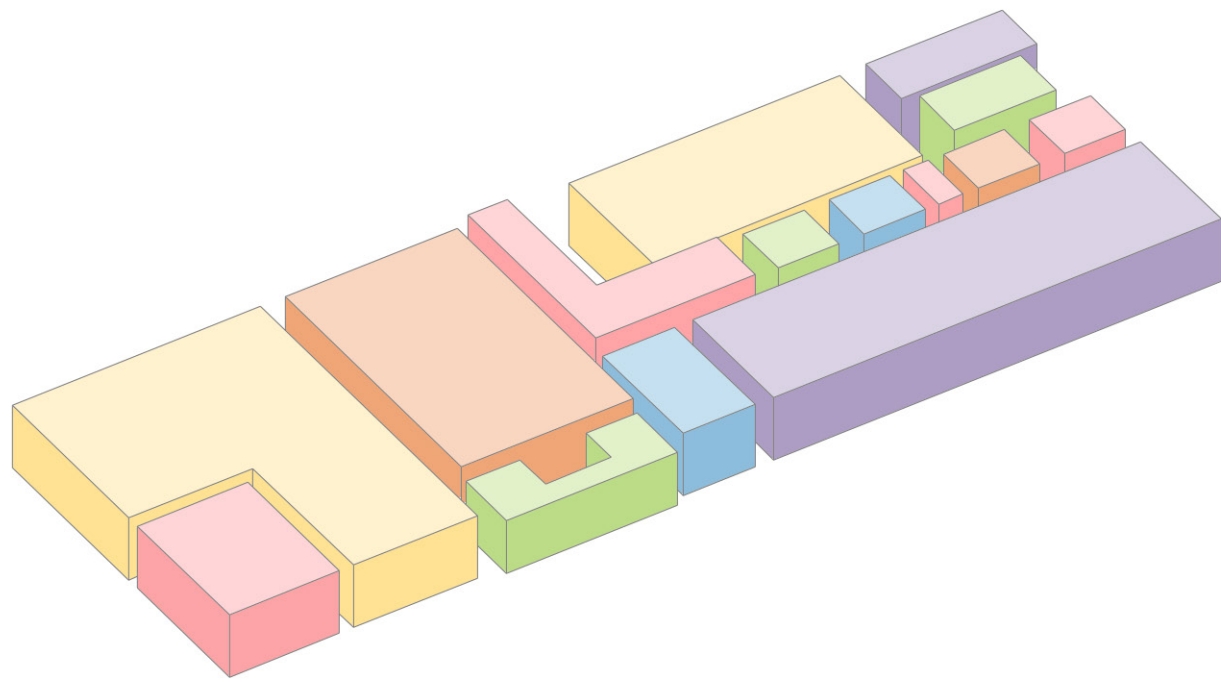
The landscape as a programmatic continuation of the building. The Musikhall is the border between the silence park and the chaotic roadway along Binckhorst. The combination of this two elements makes the building much more attractive and crucial.



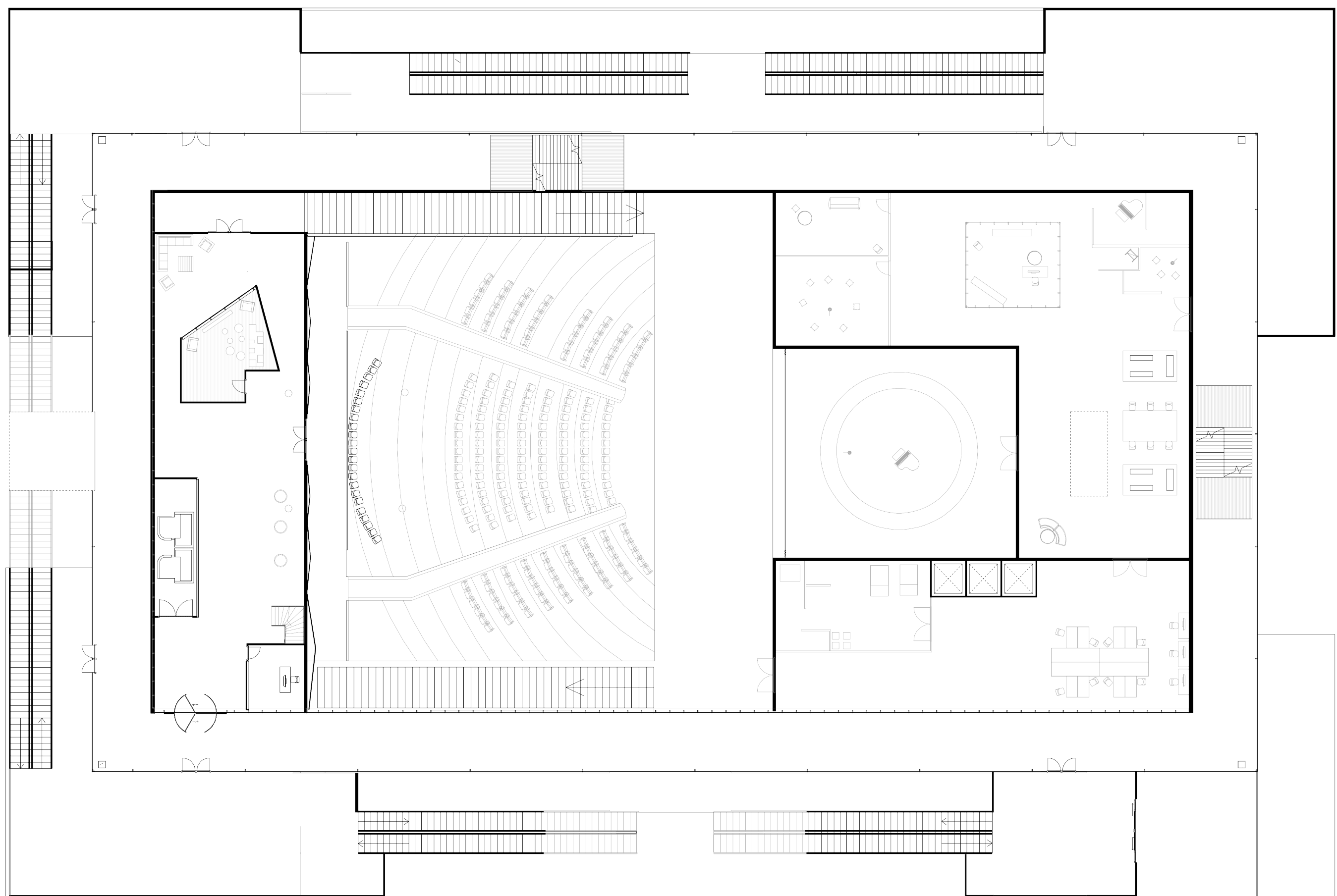




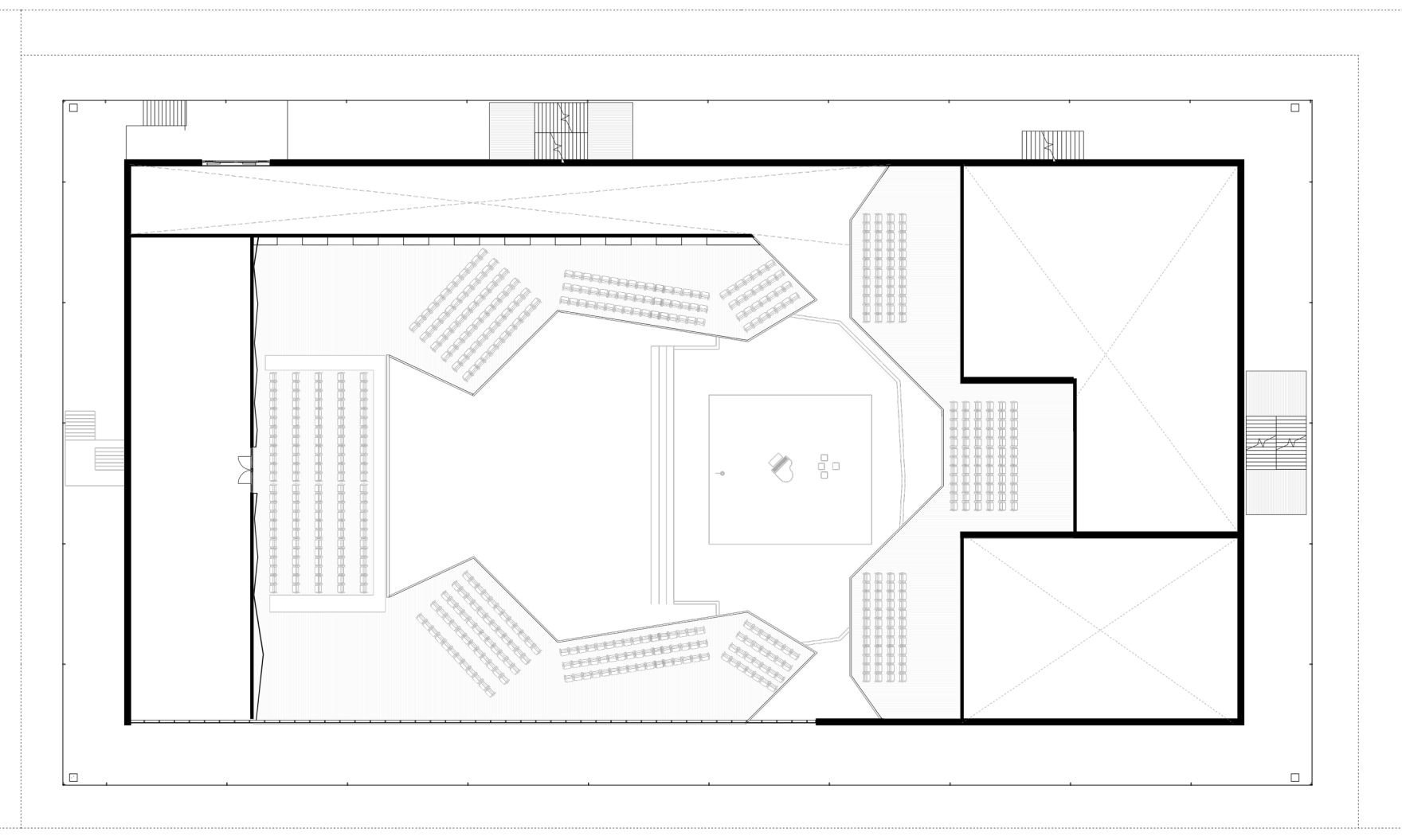
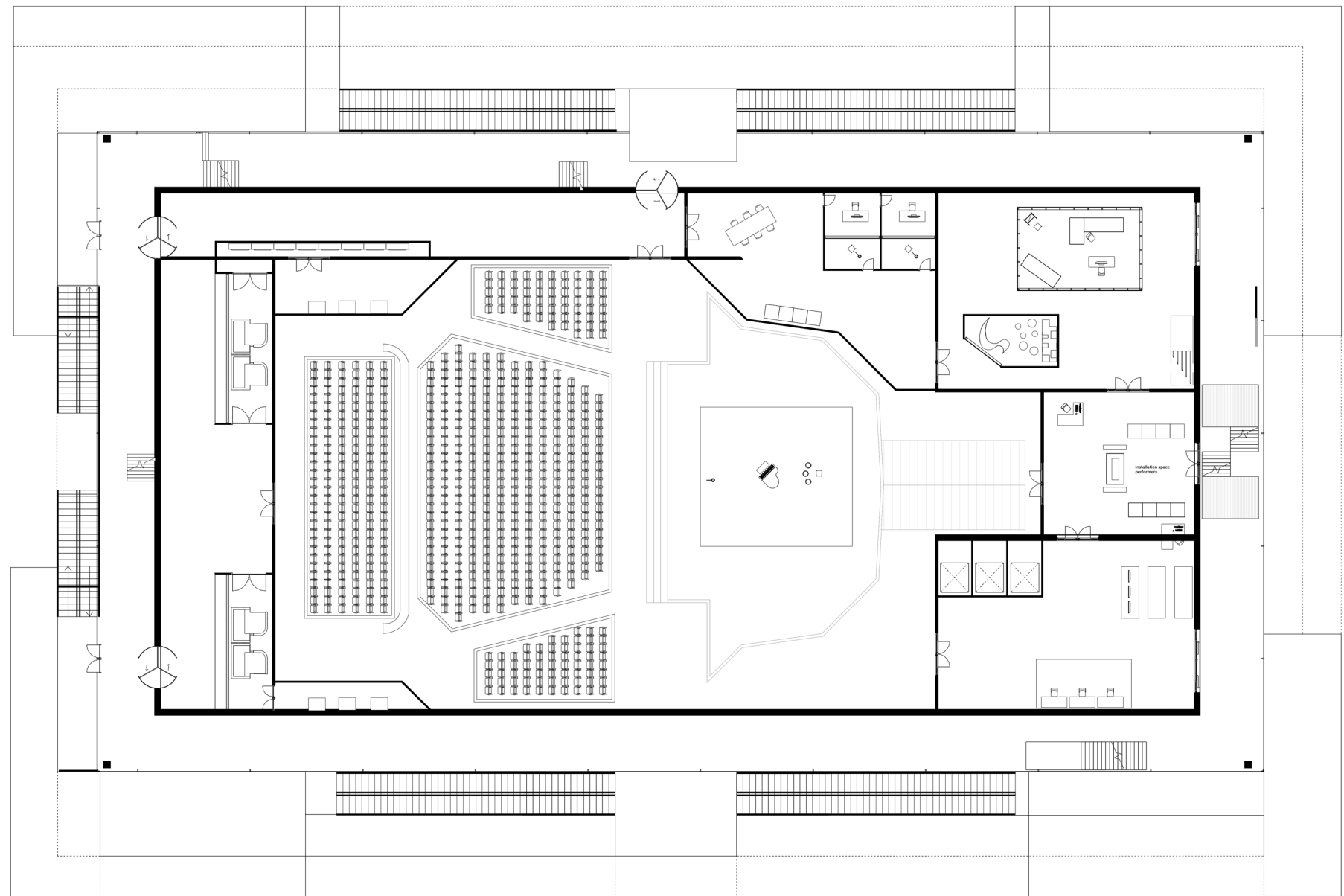
Ground floorplan - 1:200 Vibrant



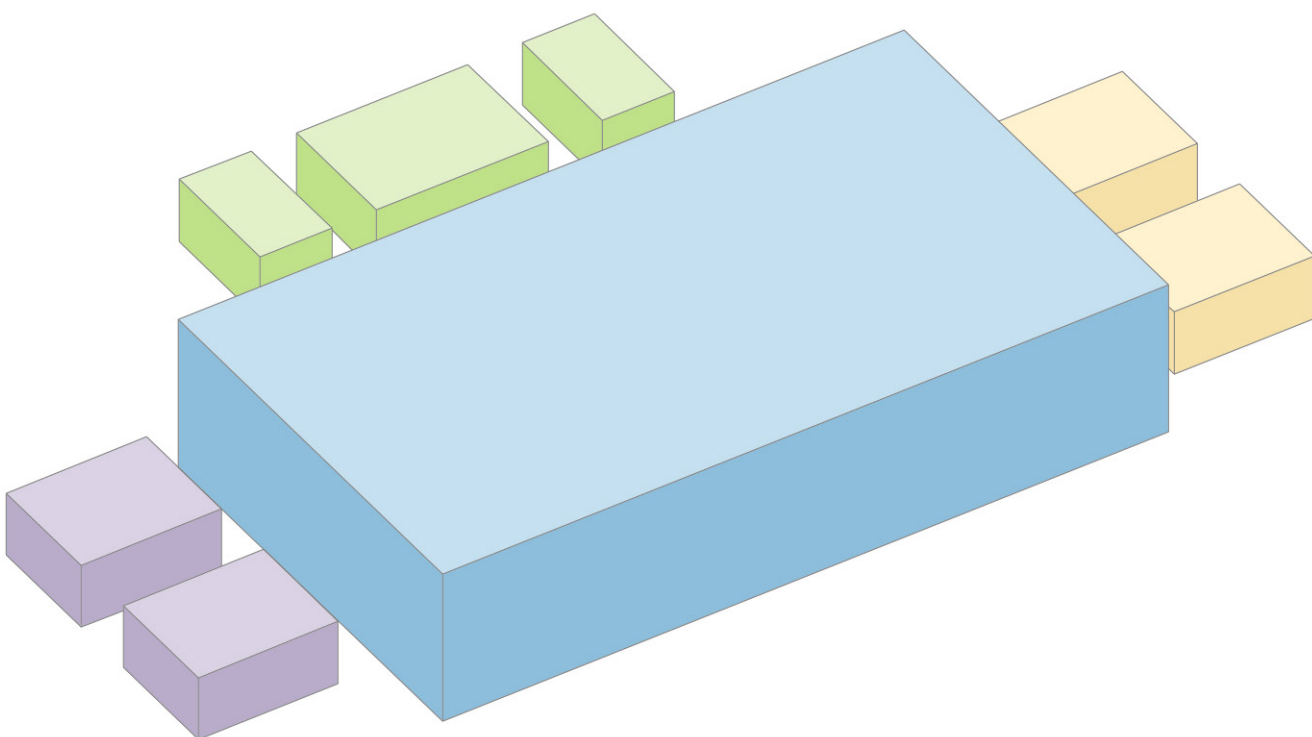
Chaos function division



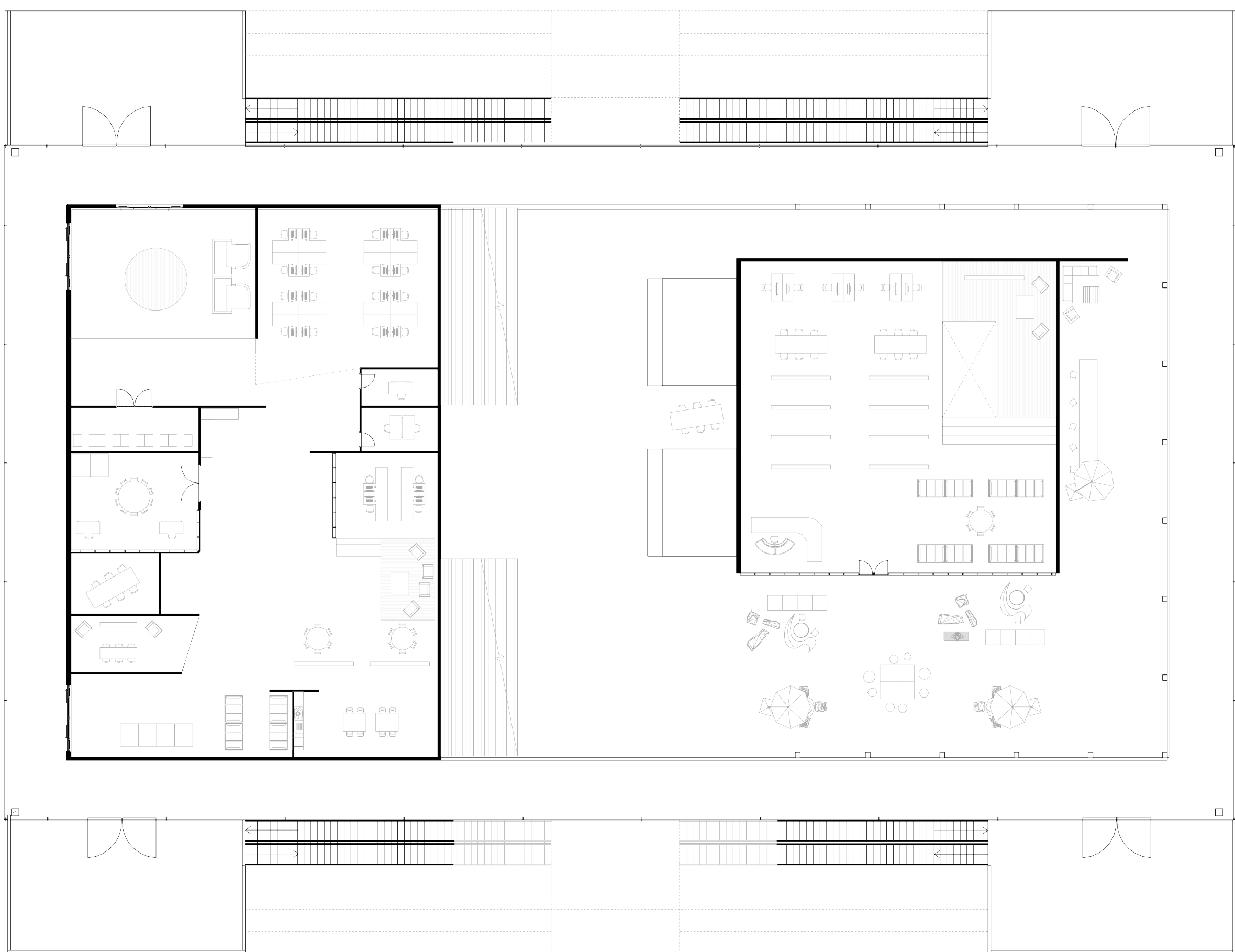
First floorplan - 1:300 Harmonic



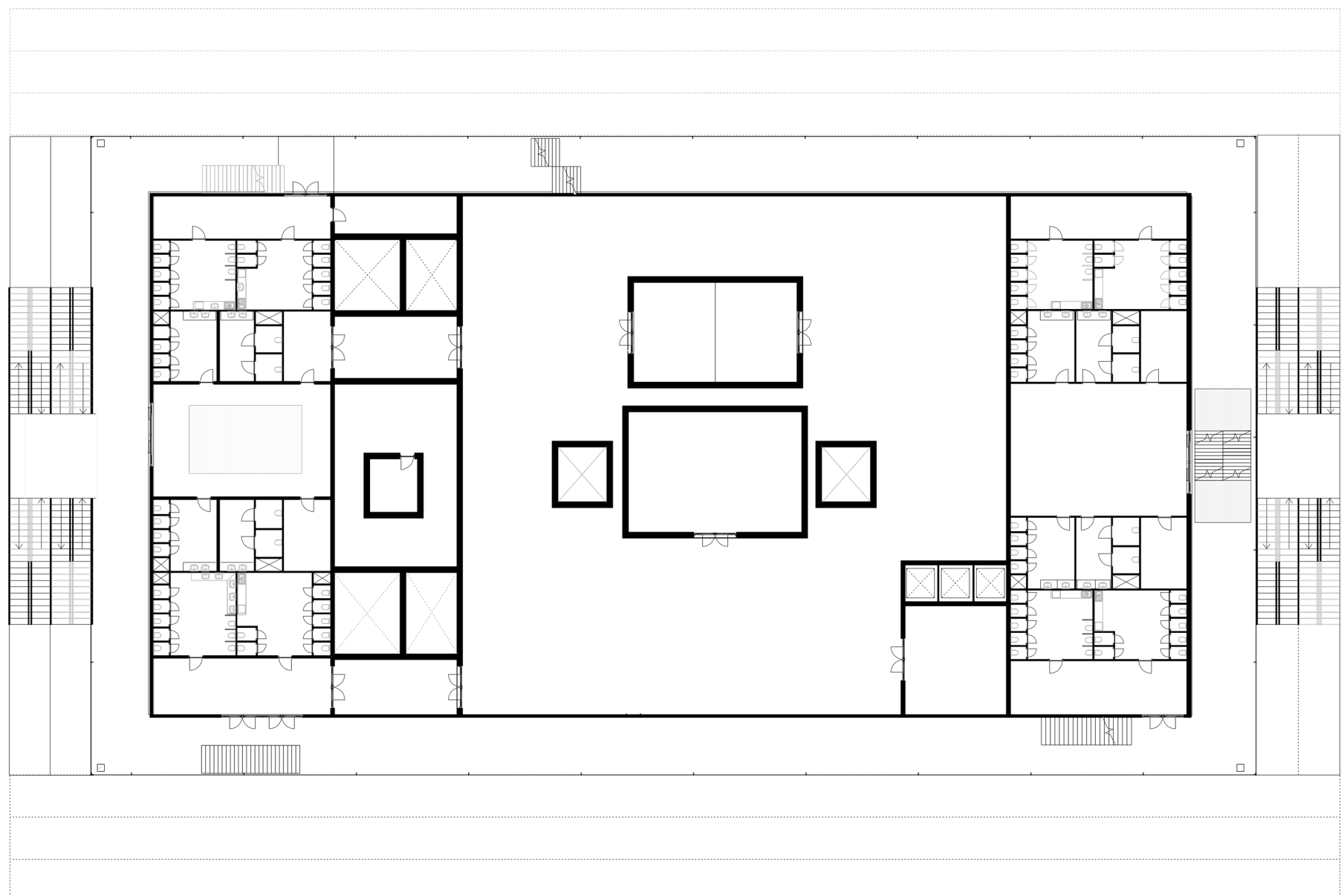
Third floorplan and balcony - 1:400 Harmonic



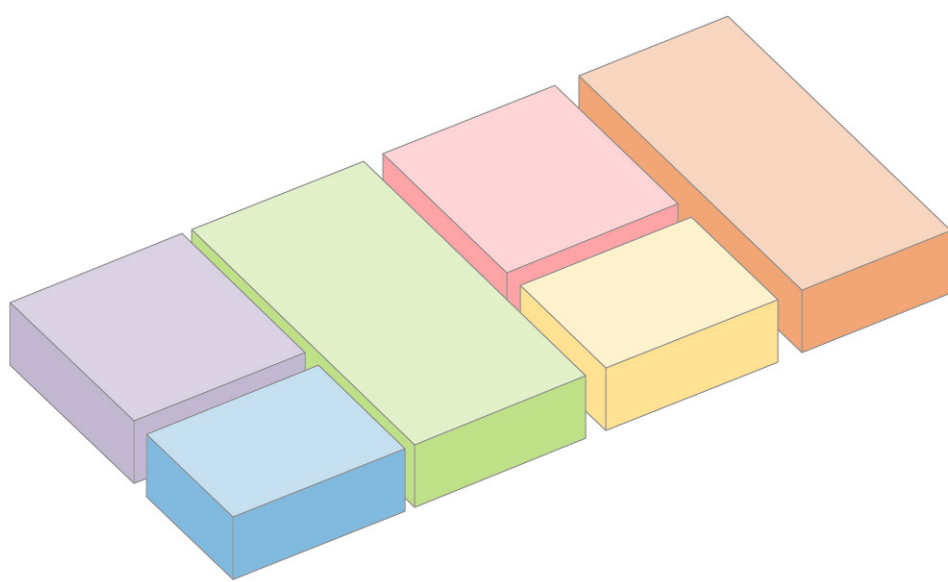
Harmonic function is focus



Fourth floorplan - 1:300 Silence



Second floorplan - 1:400 Installation layer



Rhythmic functions repeating