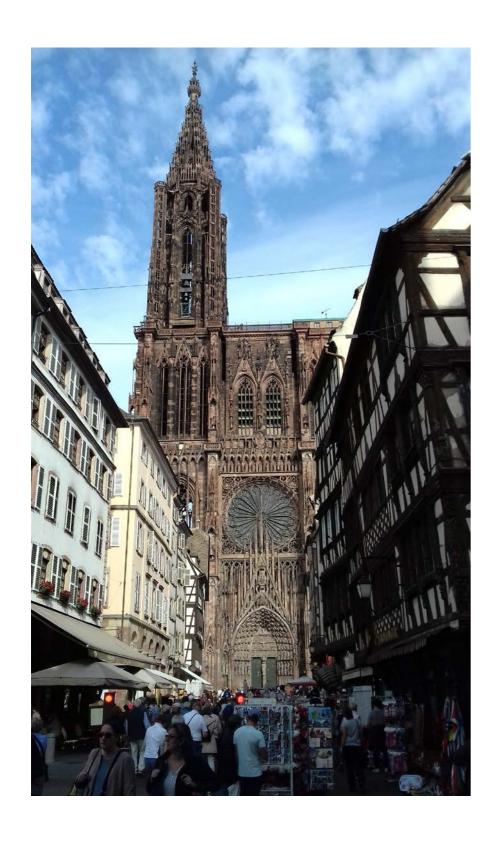
crossing the border

Malgorzata Wyszynska Public Building Studio Strasbourg



Research





Old Town

There is a strickt line between the old town with its traditional urban and architectural face and the districts developed in the XX century.







Old Town

This area is represented by the narrow streets filled with traditional timber framing structures.





Vauban

One of the districts that lies on the former fortification site, it is named after a great military engineer Sébastien Le Prestre de Vauban, responsible for the fortification systems implemented in Strasbourg in the XVII century.





Esplanade

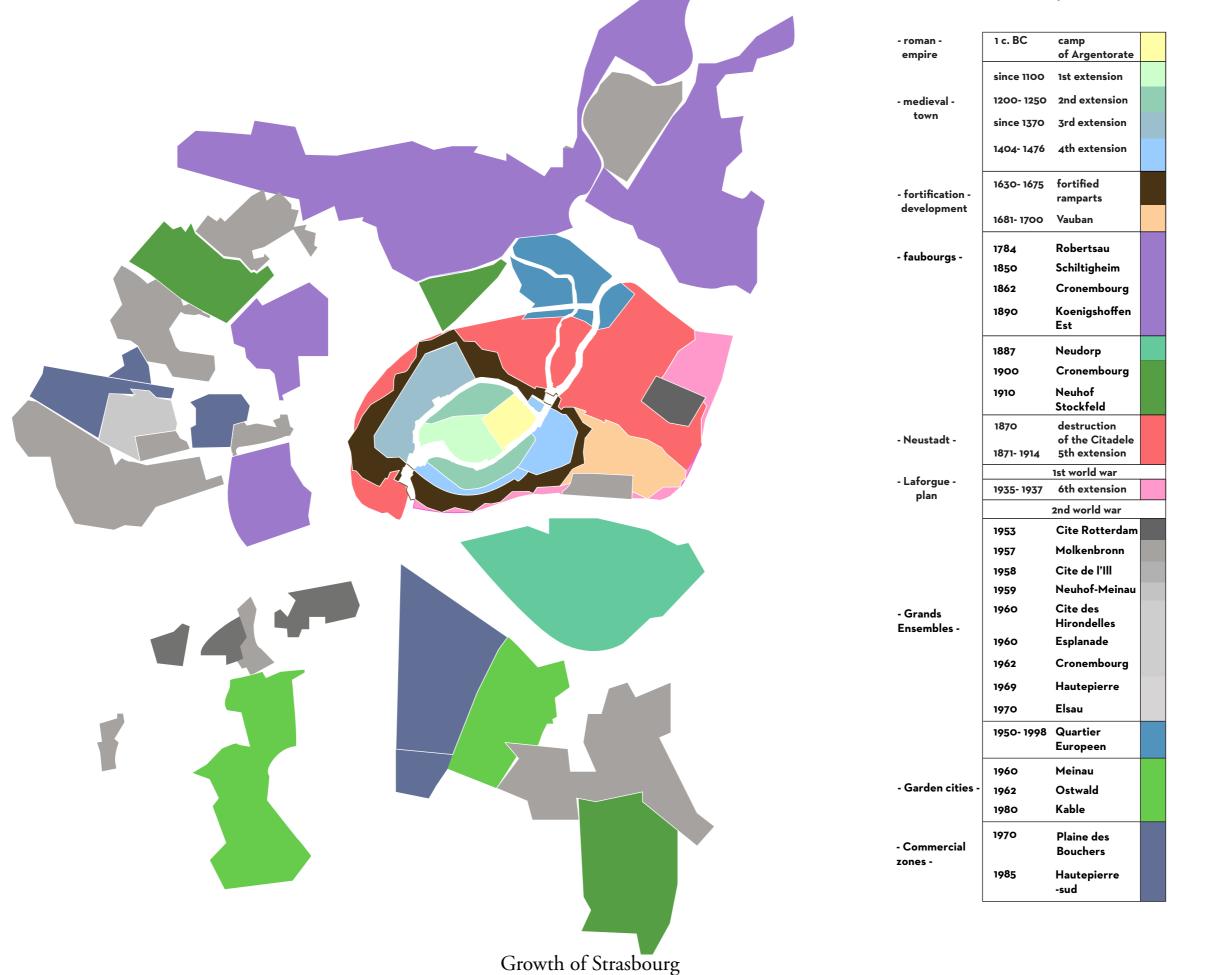
Located on the site of the former citadel, the name derives from the esplanade that existed between the fortification and the city center. Neighborhood was developed in the 60s. XX century and having all the necessary amenities it is liked by its residents.

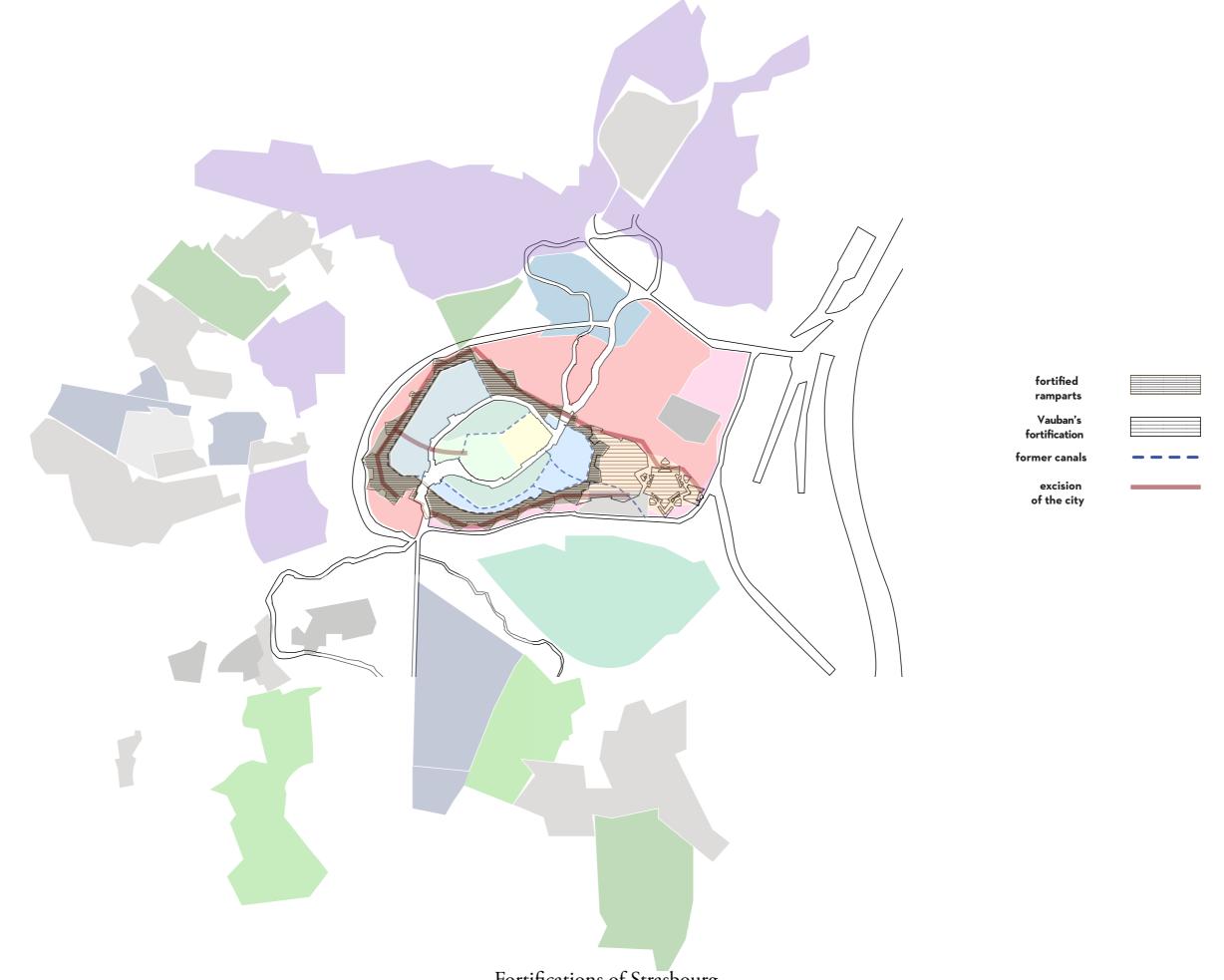




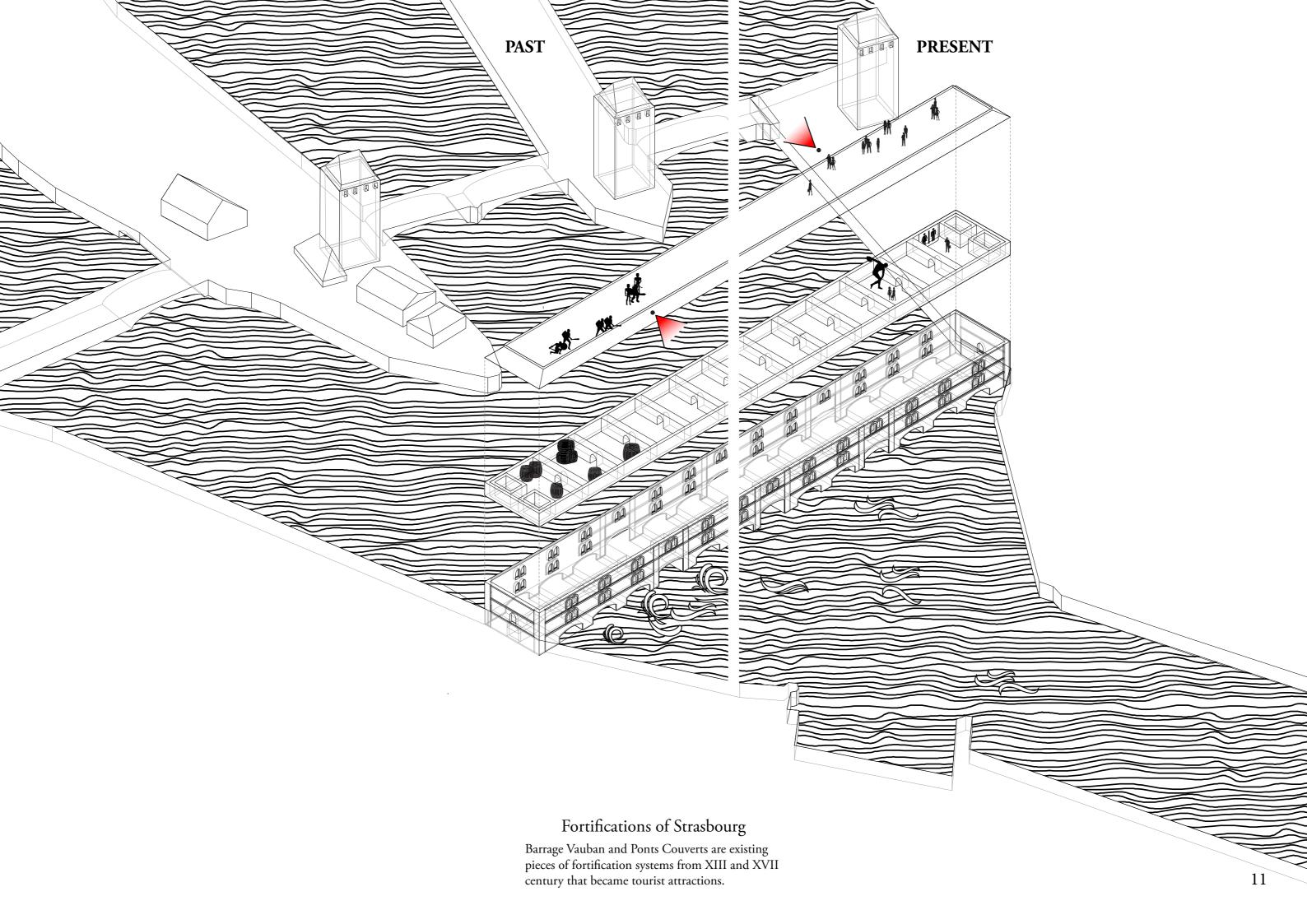
Neudorf

- urban development



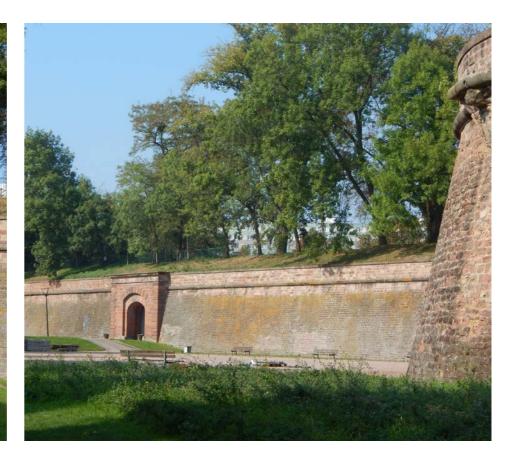


Fortifications of Strasbourg



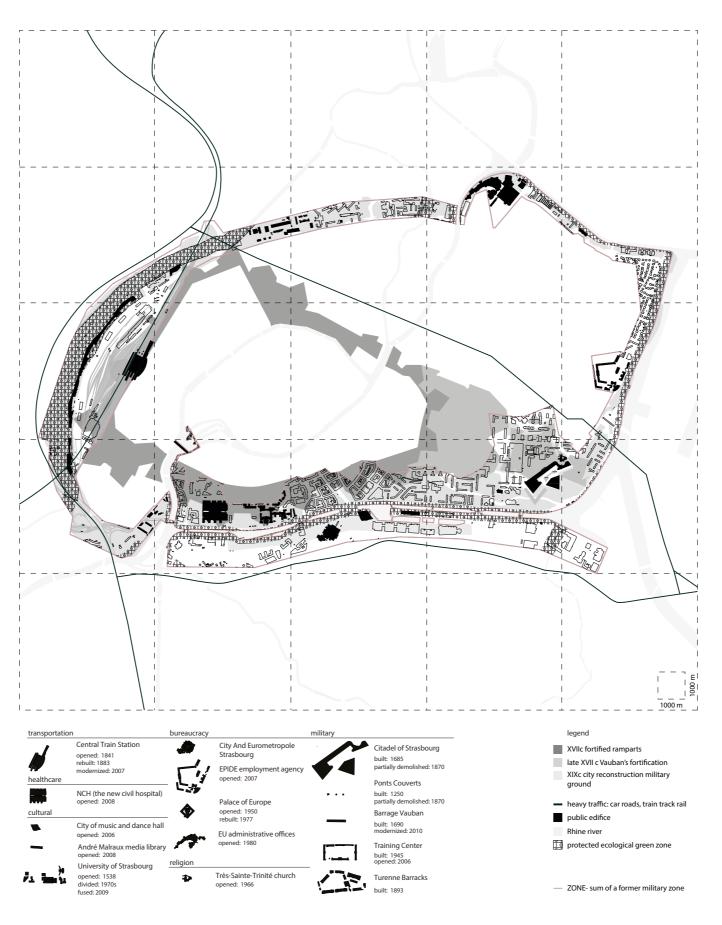


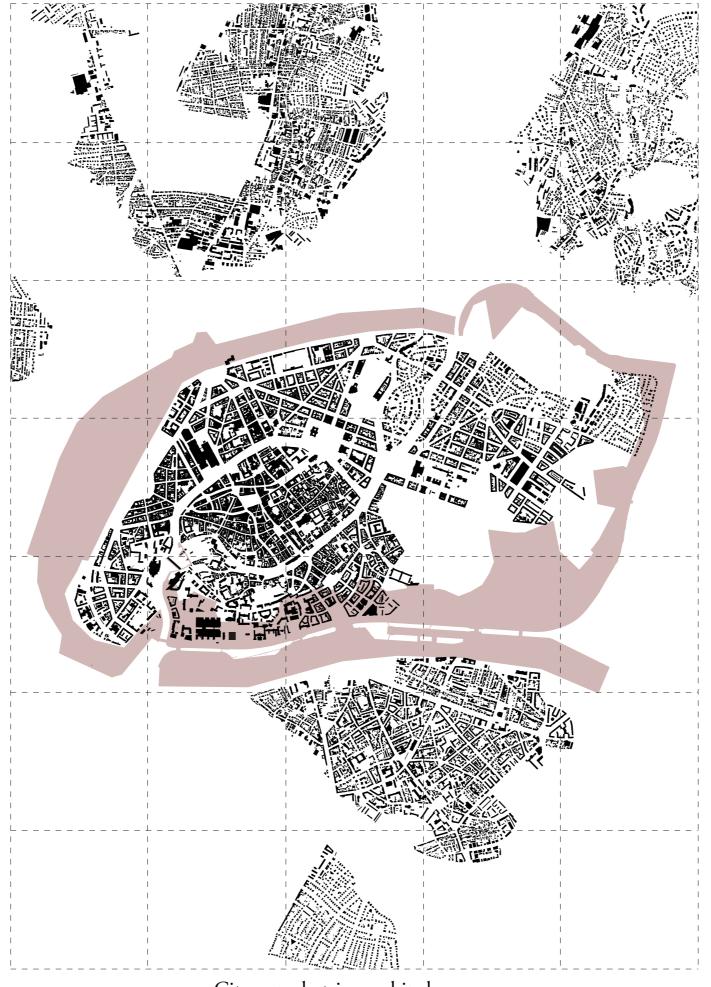




Fortifications of Strasbourg

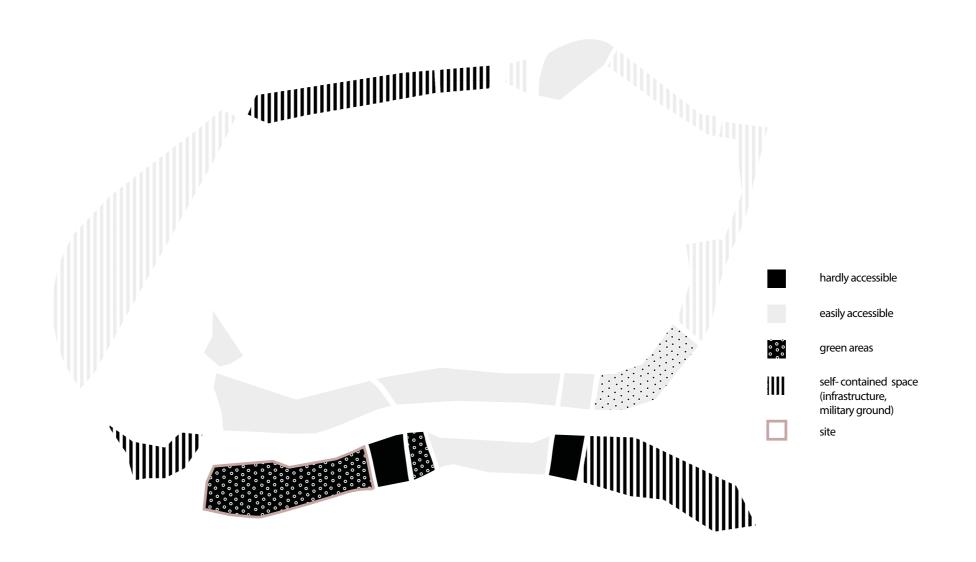
Citadele was a part of fortification system that was partially ruined in the siege of Strasbourg in 1870 and later demolished in 1896. The remaining gate and bastions are part of the public park.





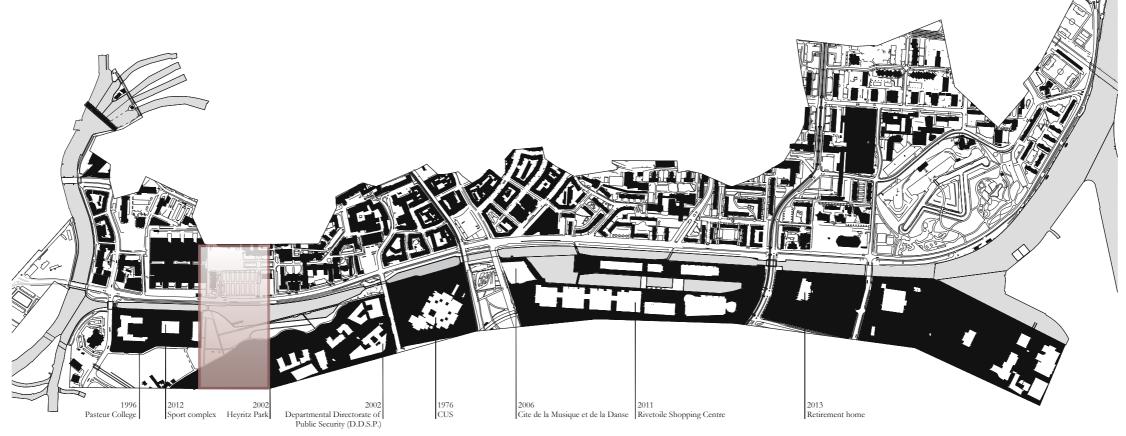
City as pedestrian archipelago

Strasbourg, according to the pedestrians, is an archipelago of territories adapted to the walking practise.



Zone as Archipelago

Zone itself is a heterogeneous body, which bits and pieces are very often self- contained spaces of infrastructural character.

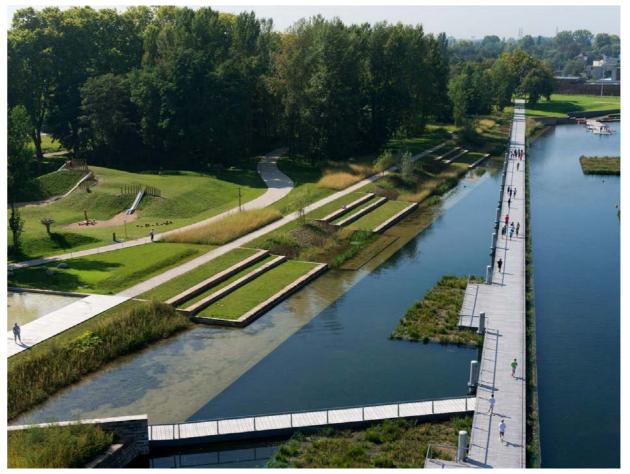


Cross border metropolis project Strasbourg Kiehl- progress of the urban redevelopment

Cross border metropolis urban redevelopment

It is an urban plan shared by cities Strasbourg and Kiehl. There is a great progress in the urban redevelopment of the area in the last 15 years.





Park Heyritz

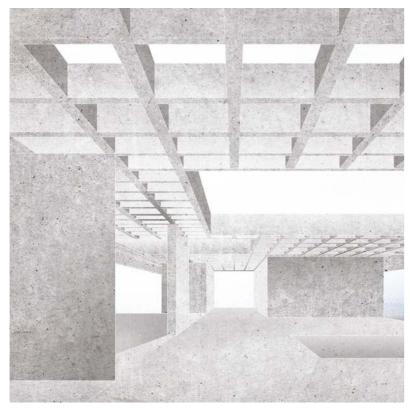
The project, finished and opened to the public in 2014, is one of the recent redevelopments in the zone.

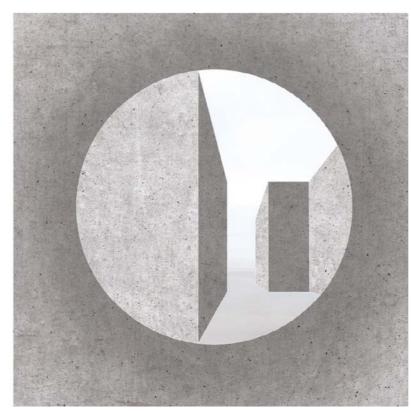


boundary vs border











Infinite Grid Overpowering Nature

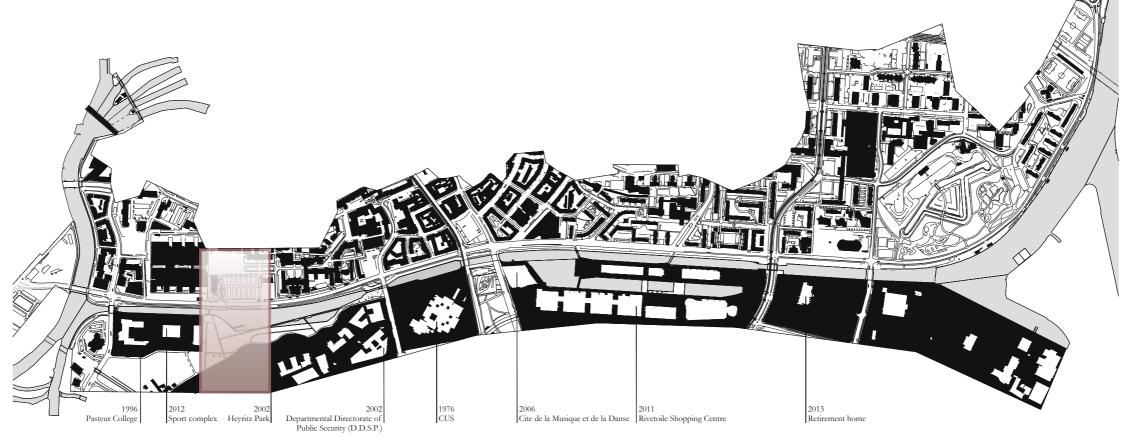
Morphology of the zone

Threshold, inffinite grid and overpowering nature were the three elements I distinguished as necessary to create a zone in the urban conditions.

How can the division between the old and new districts be overcome to create a city condition that is more connected and transitional?

How can the boundary be addressed on the spatial and architectural level?

Design Proposal



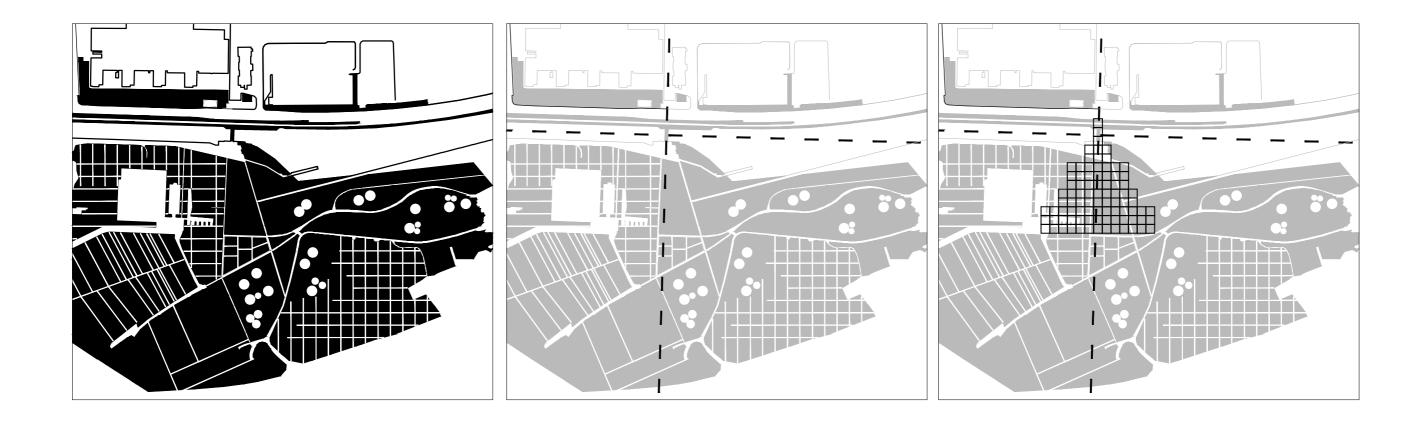
Cross border metropolis project Strasbourg Kiehl- progress of the urban redevelopment

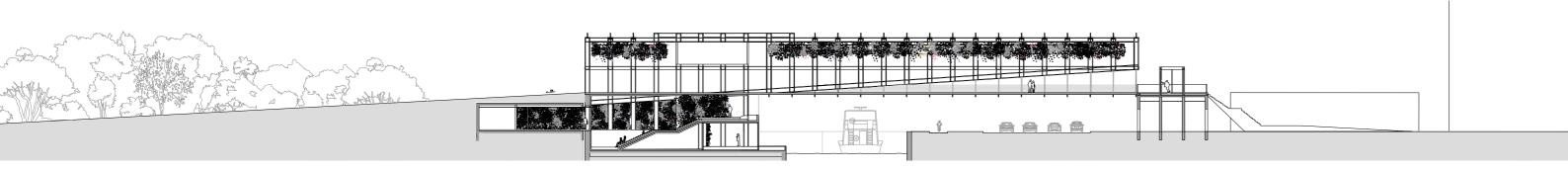




Site

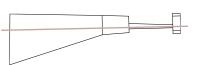
Park Heyritz contrasts with Menachem Taffel street, which creates traditional boundary condition.

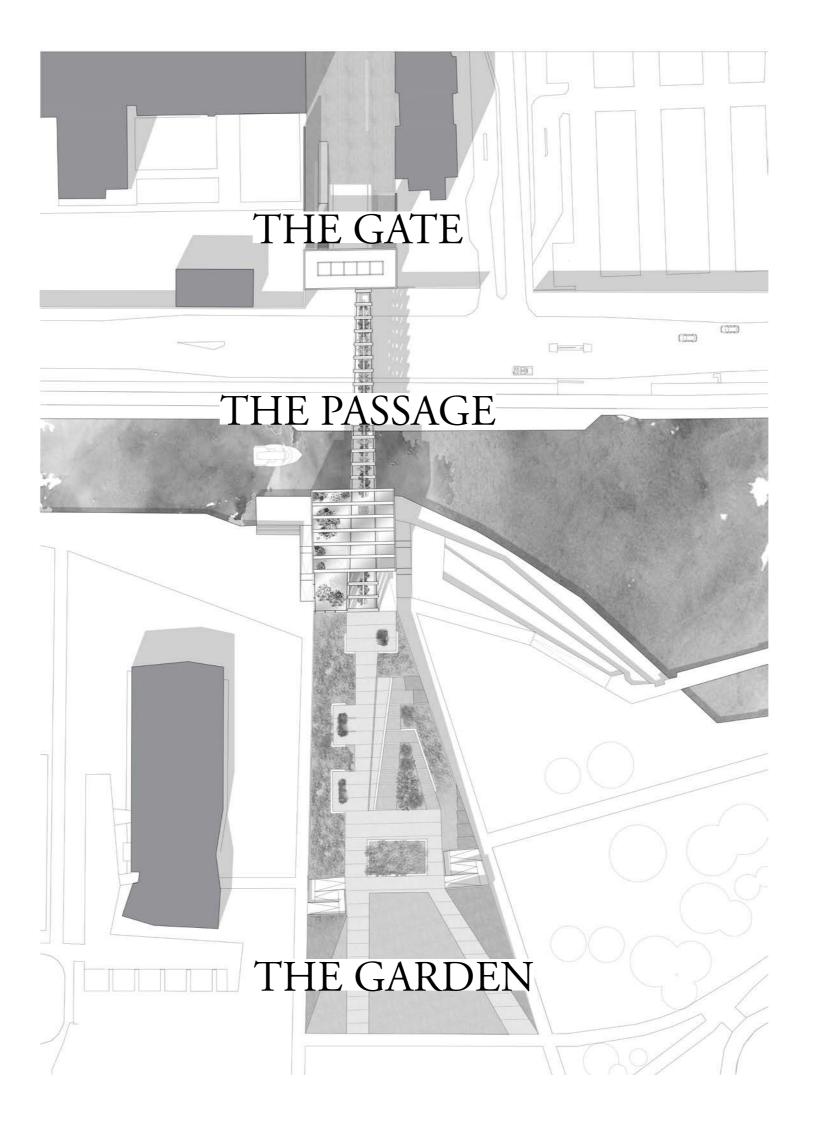


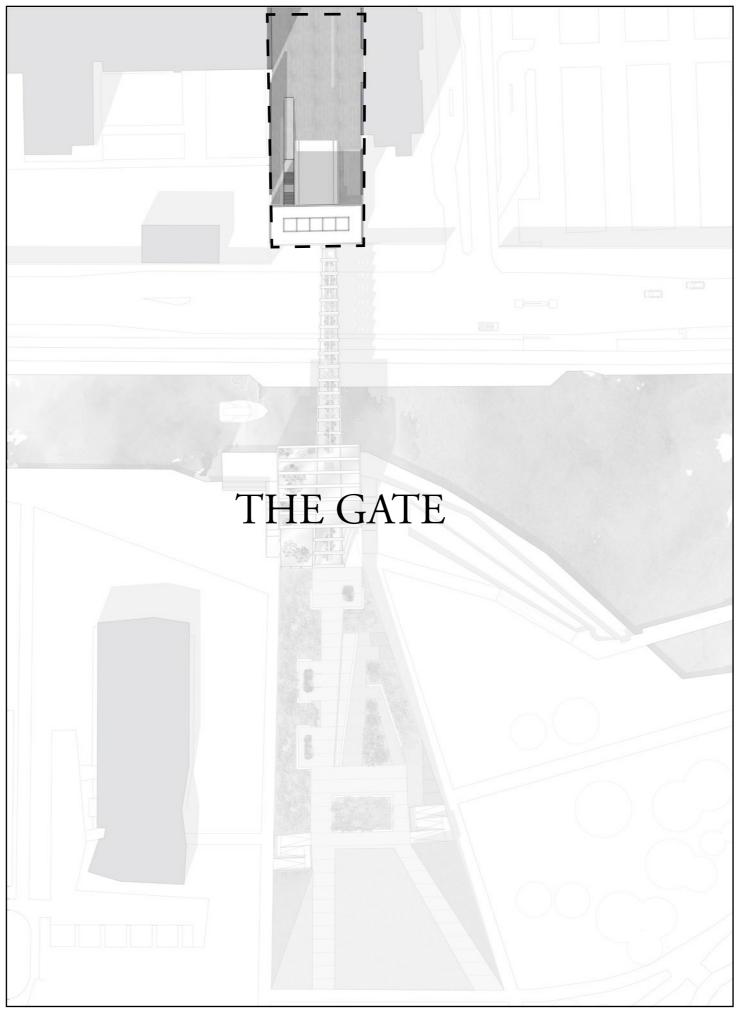


Connecting two realities

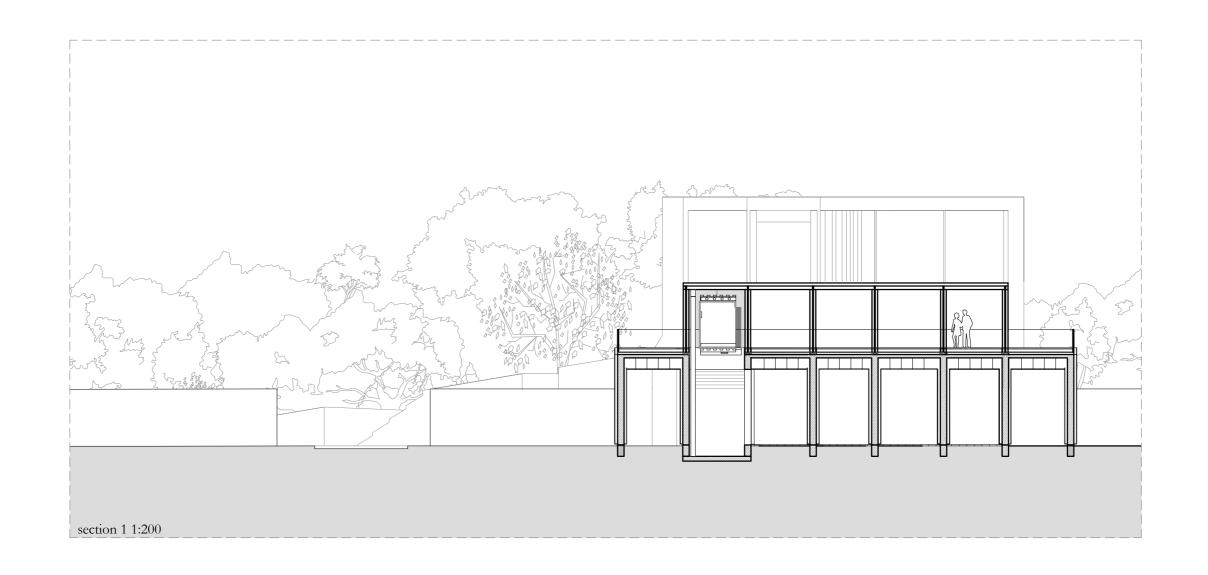
This section represents the goal of the proposal. It shows the undisturbed connection between the urban and green sides of the city. It highlights the imbalance that comes from placing the gravity point of the proposal on the green side.

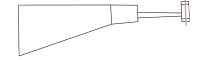






Urban side includes urban patio framed by the gate to the bridge and a garden.

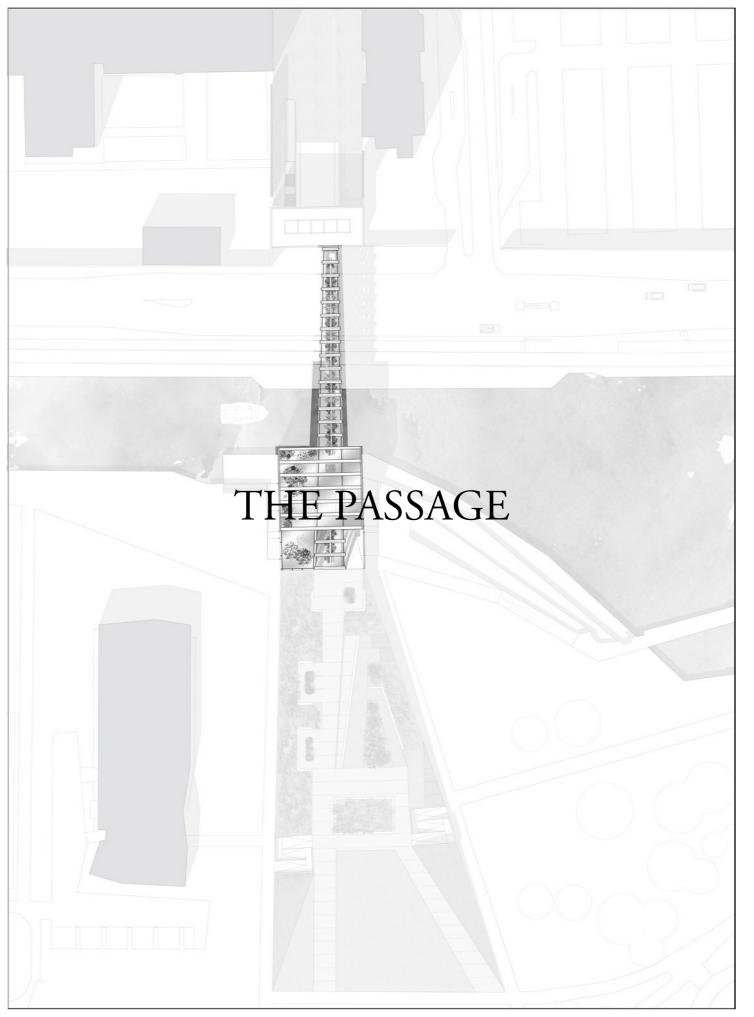




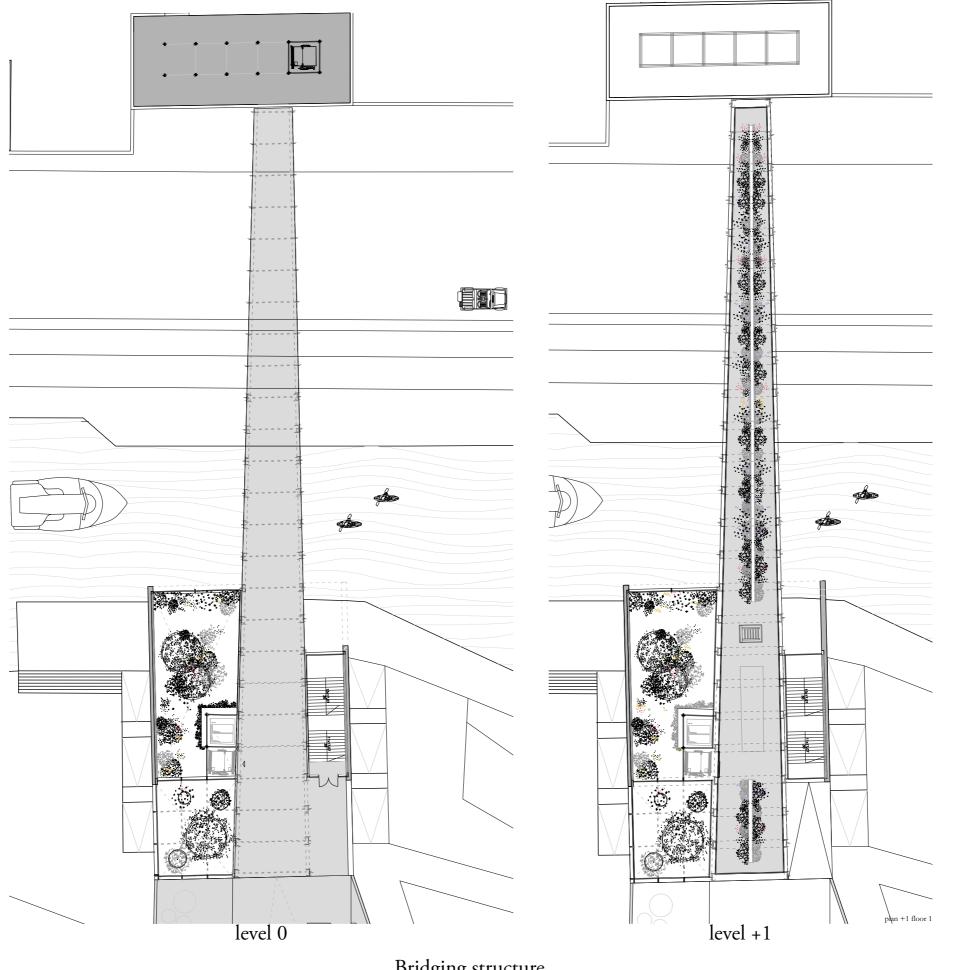




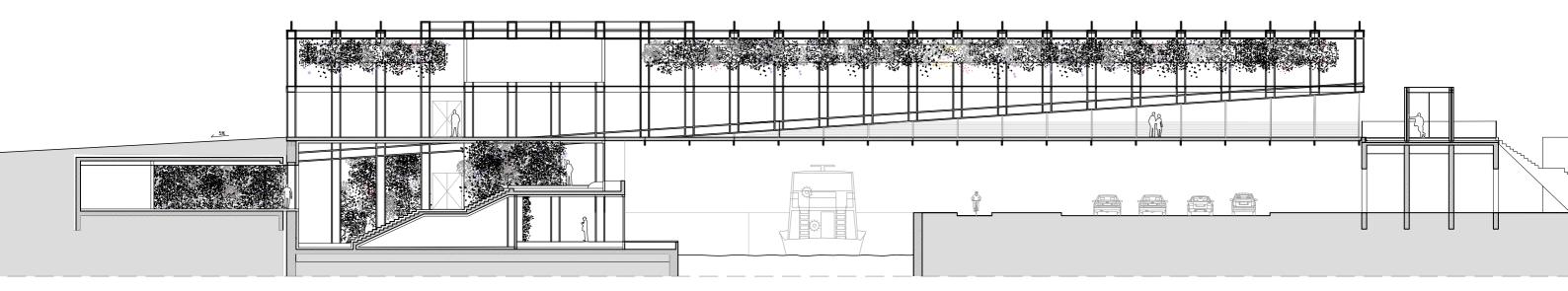


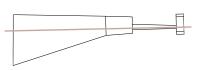


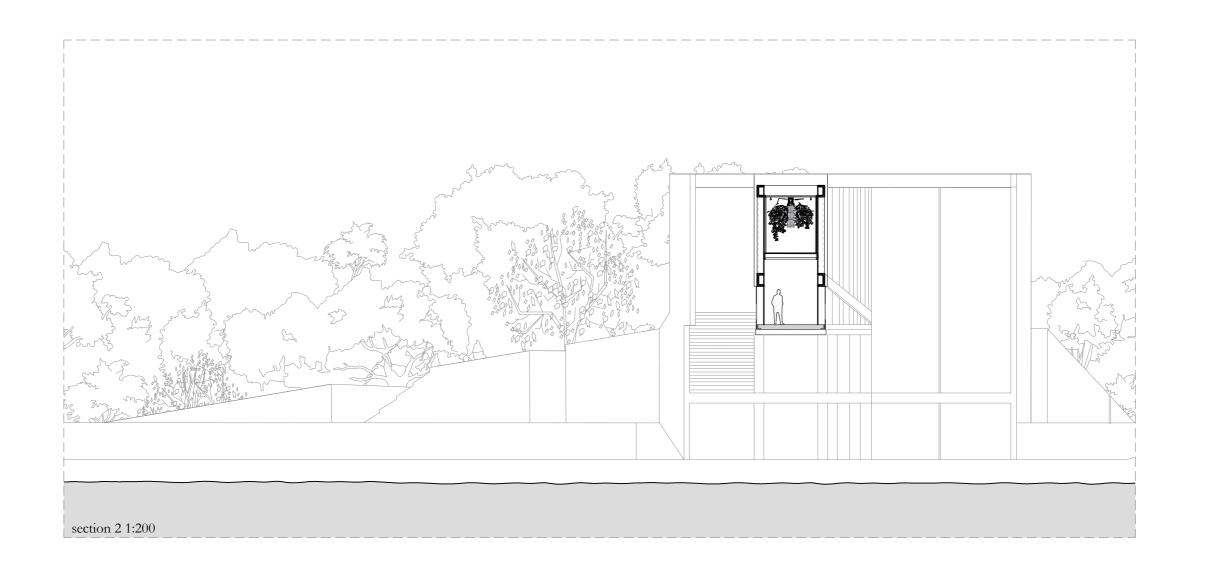
Bridge connects the urban and green side of the city.

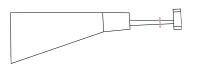


Bridging structure





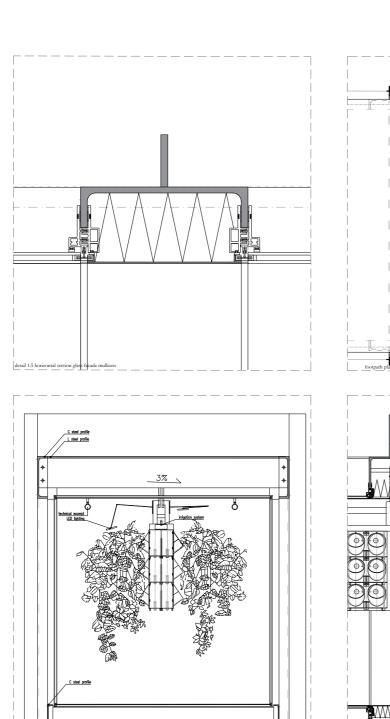


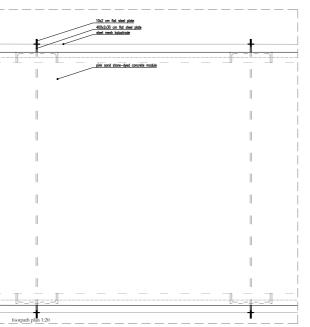


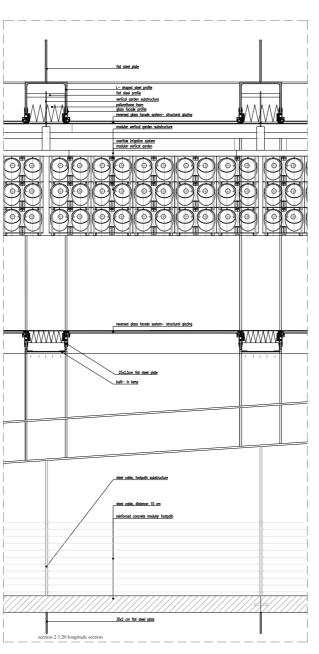


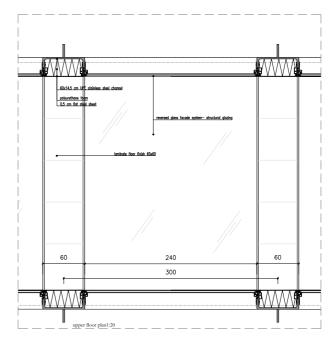




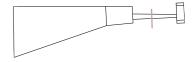


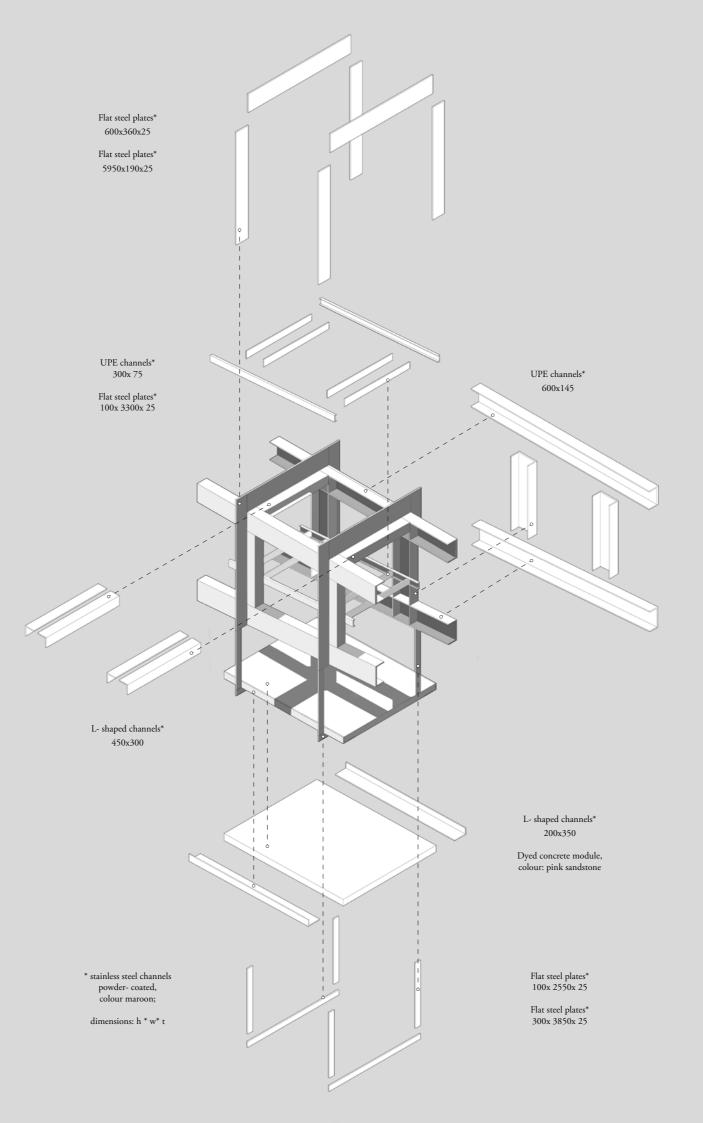


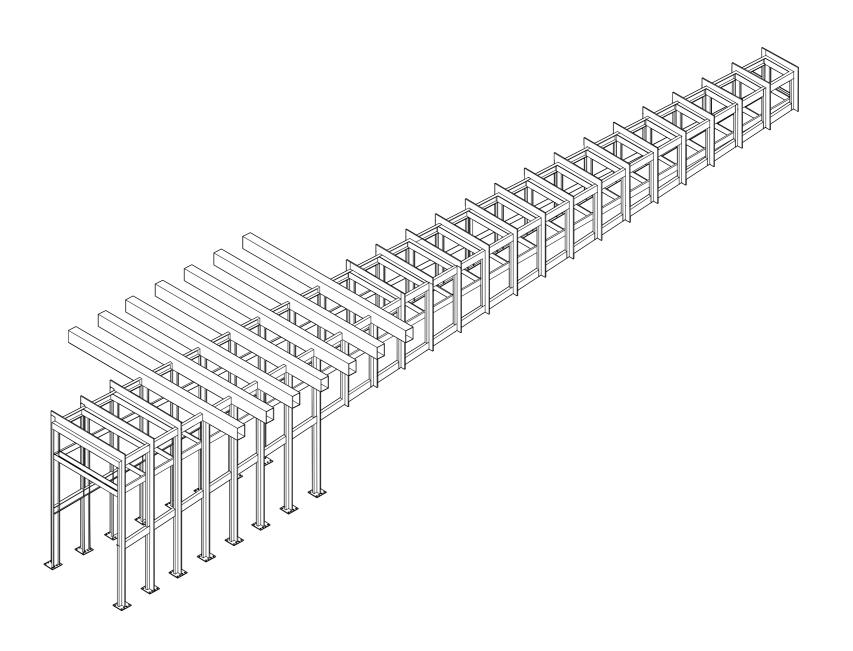






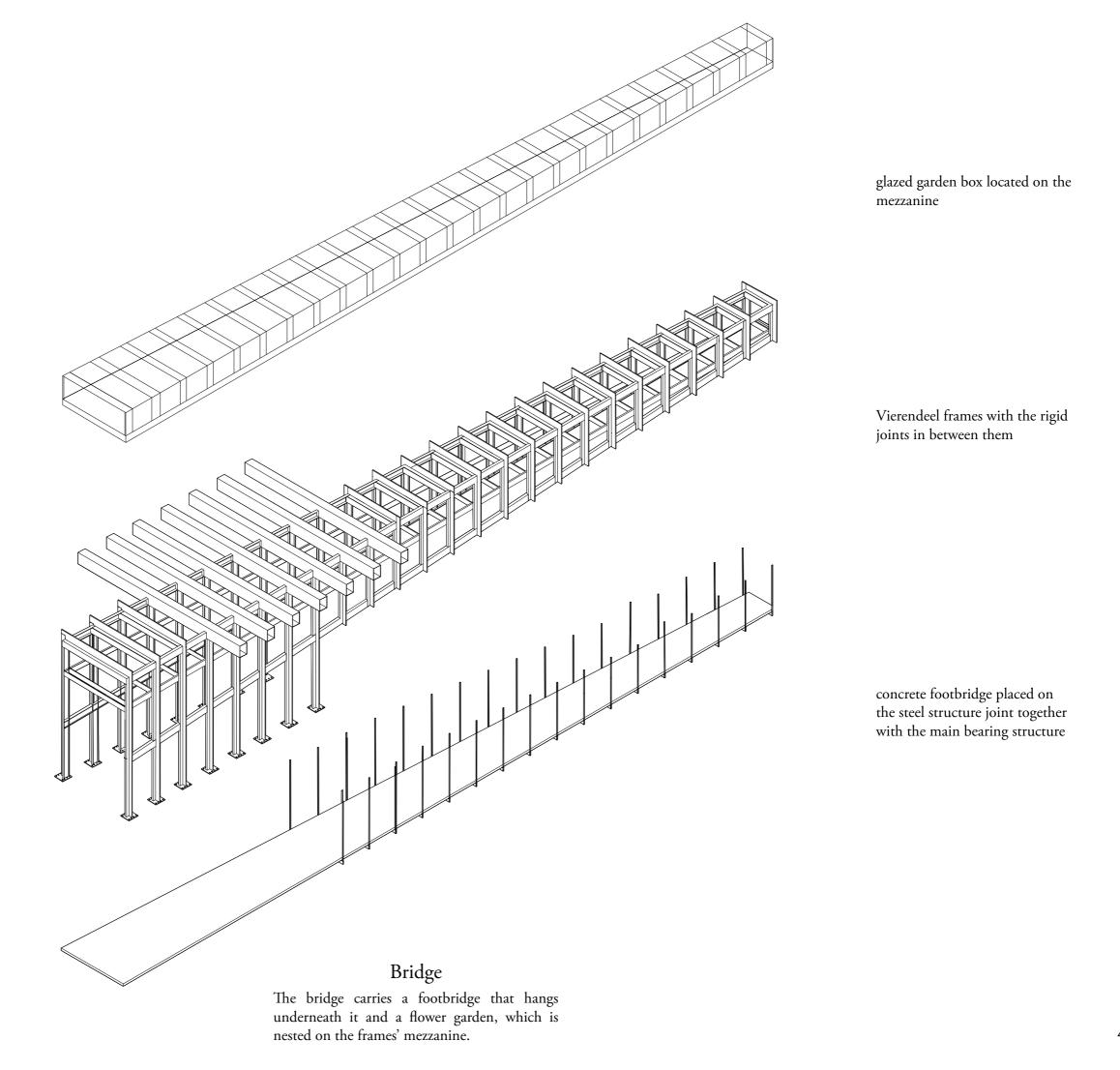


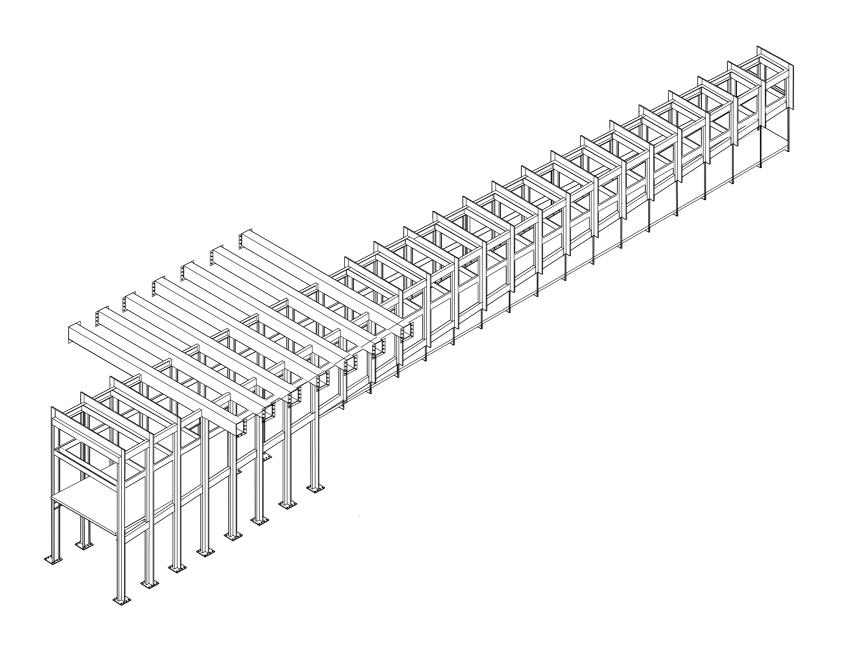




Vierendeel frames

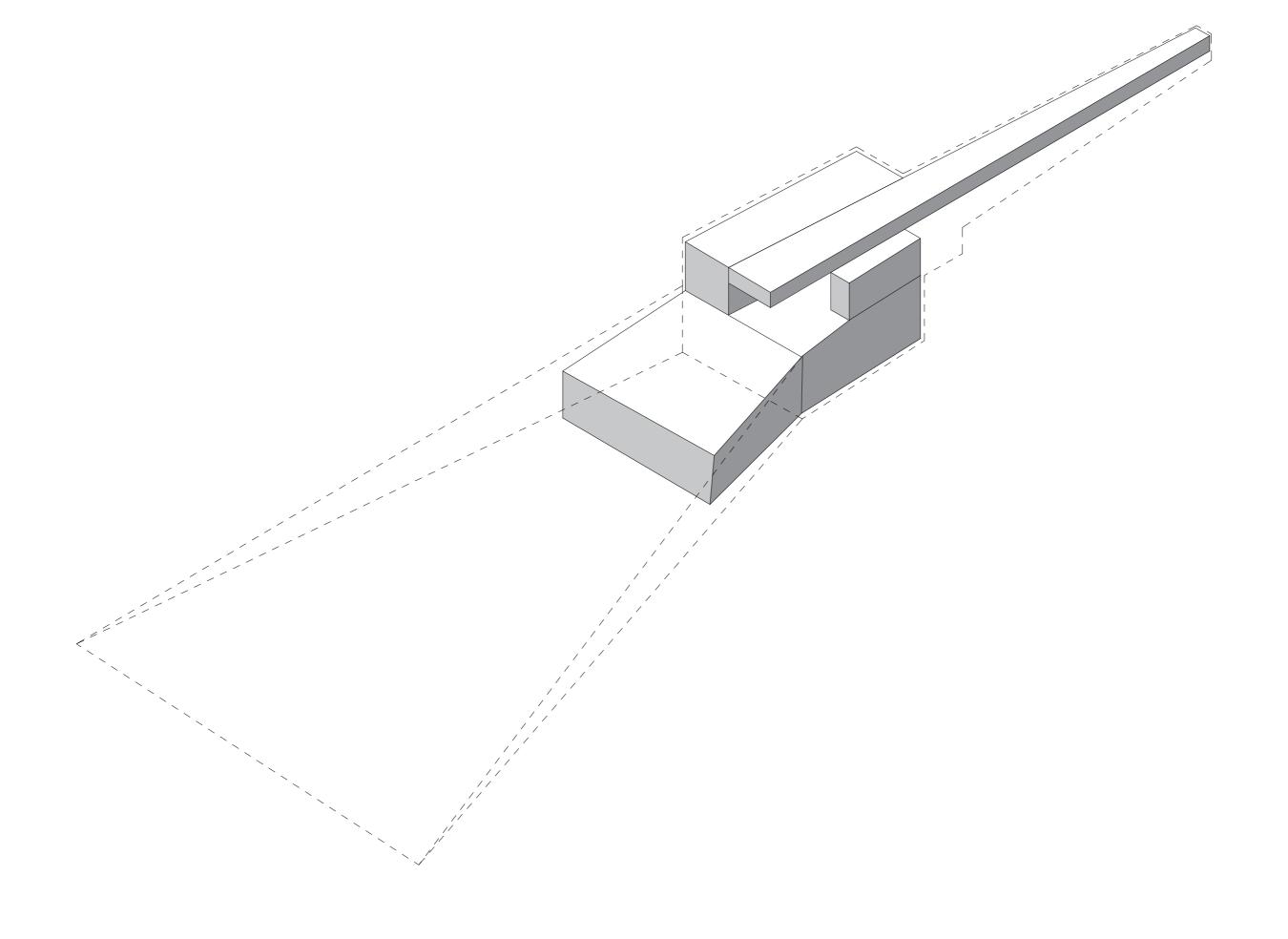
The passage is provided by two steel Vierendeel frames with a total span of 75 meters, including 50 meter long overhang.





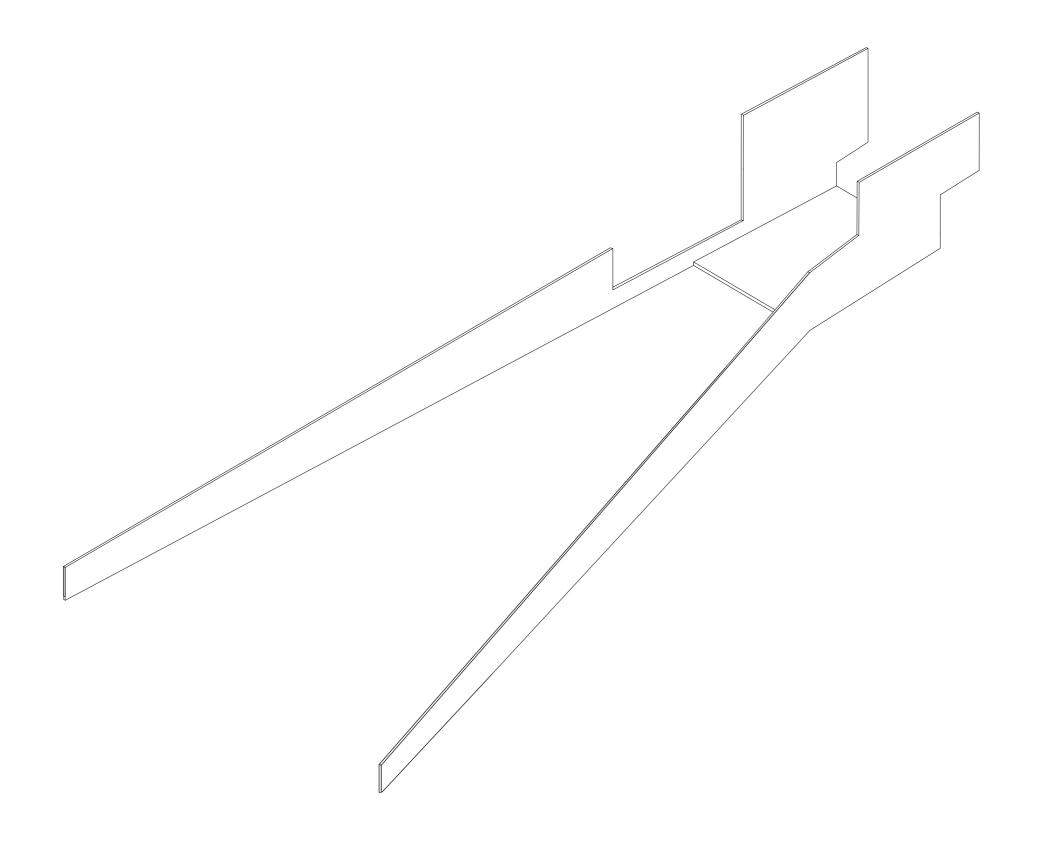
Bridge

The bridge carries a footbridge that hangs underneath it and a flower garden, which is nested on the frames' mezzanine.



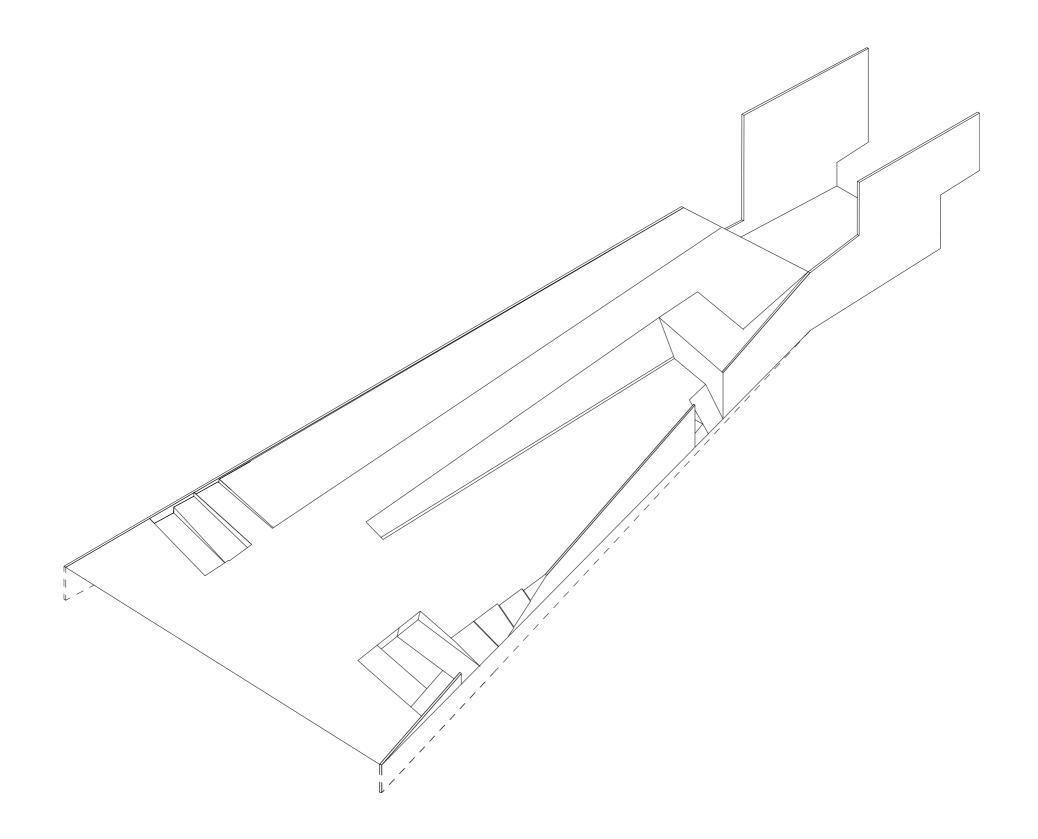
Indoors, outdoors

There is an interplay between what is open and what is enclosed.



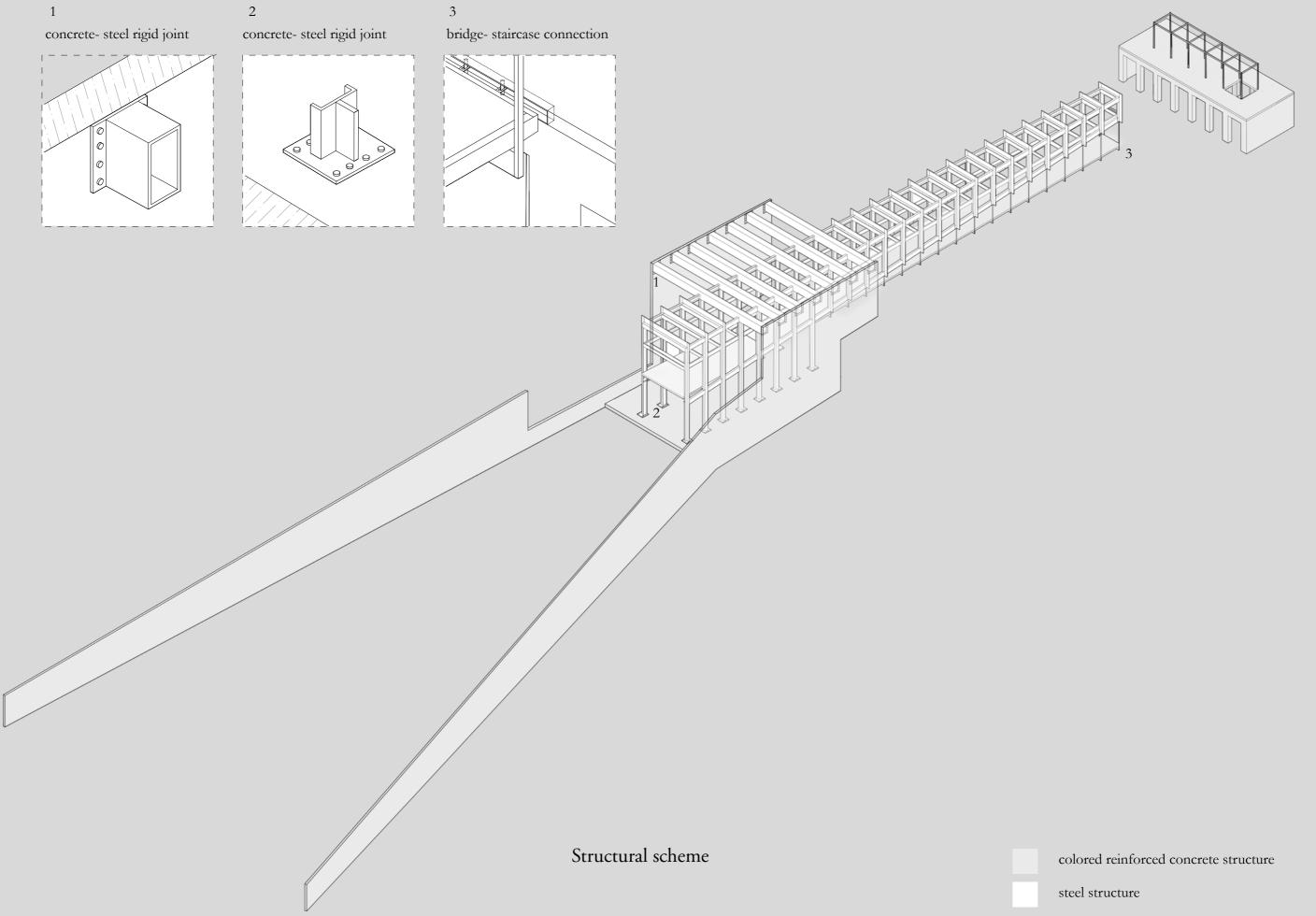
Retaining walls

The reinforced concrete walls ground the bridge structure as well as the garden that rises up to 5 meters high.



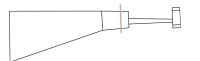
Garden

The retaining walls hold walkpaths, coomunal gardens ad different types of local greenery that grows on the hill.







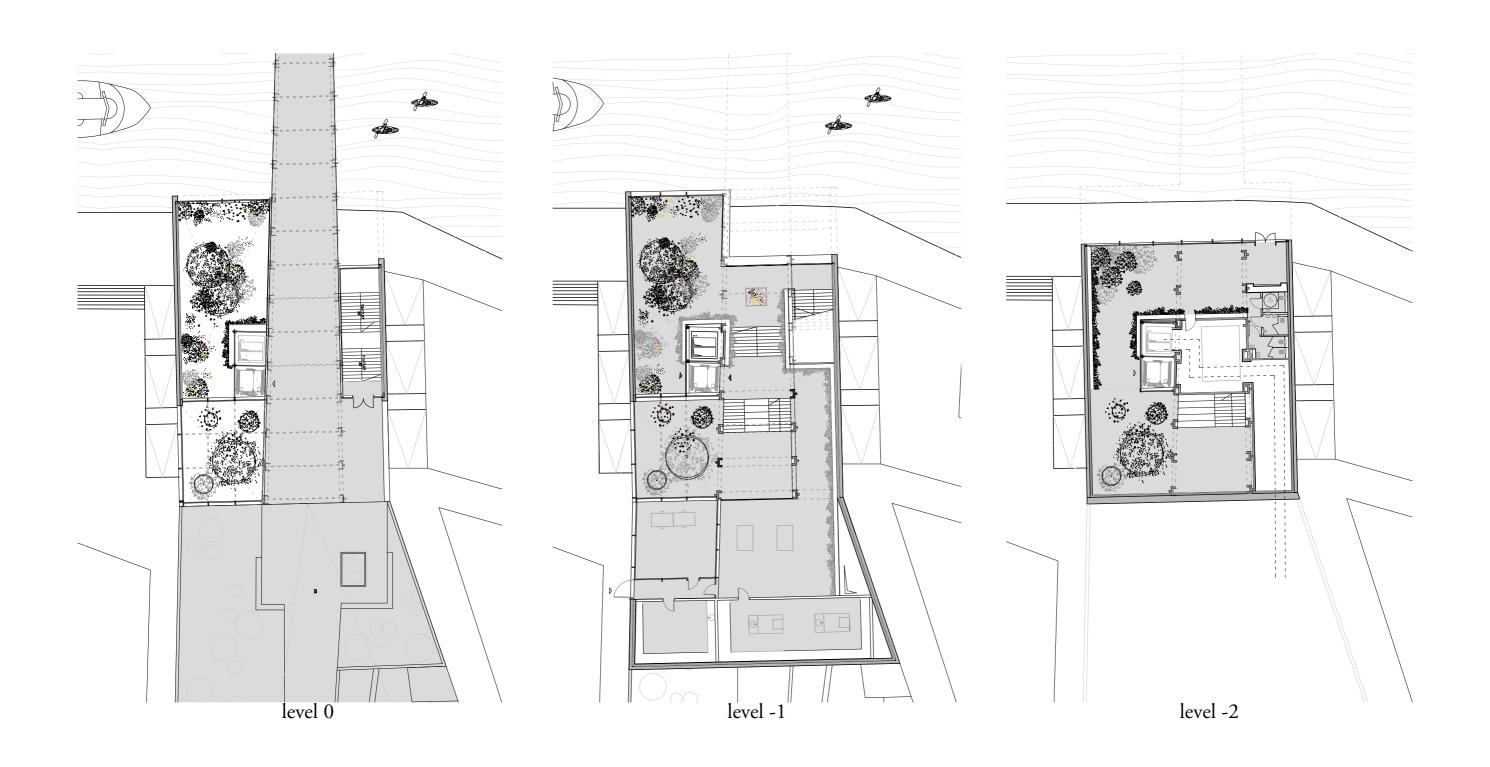


"Threshold" cross section

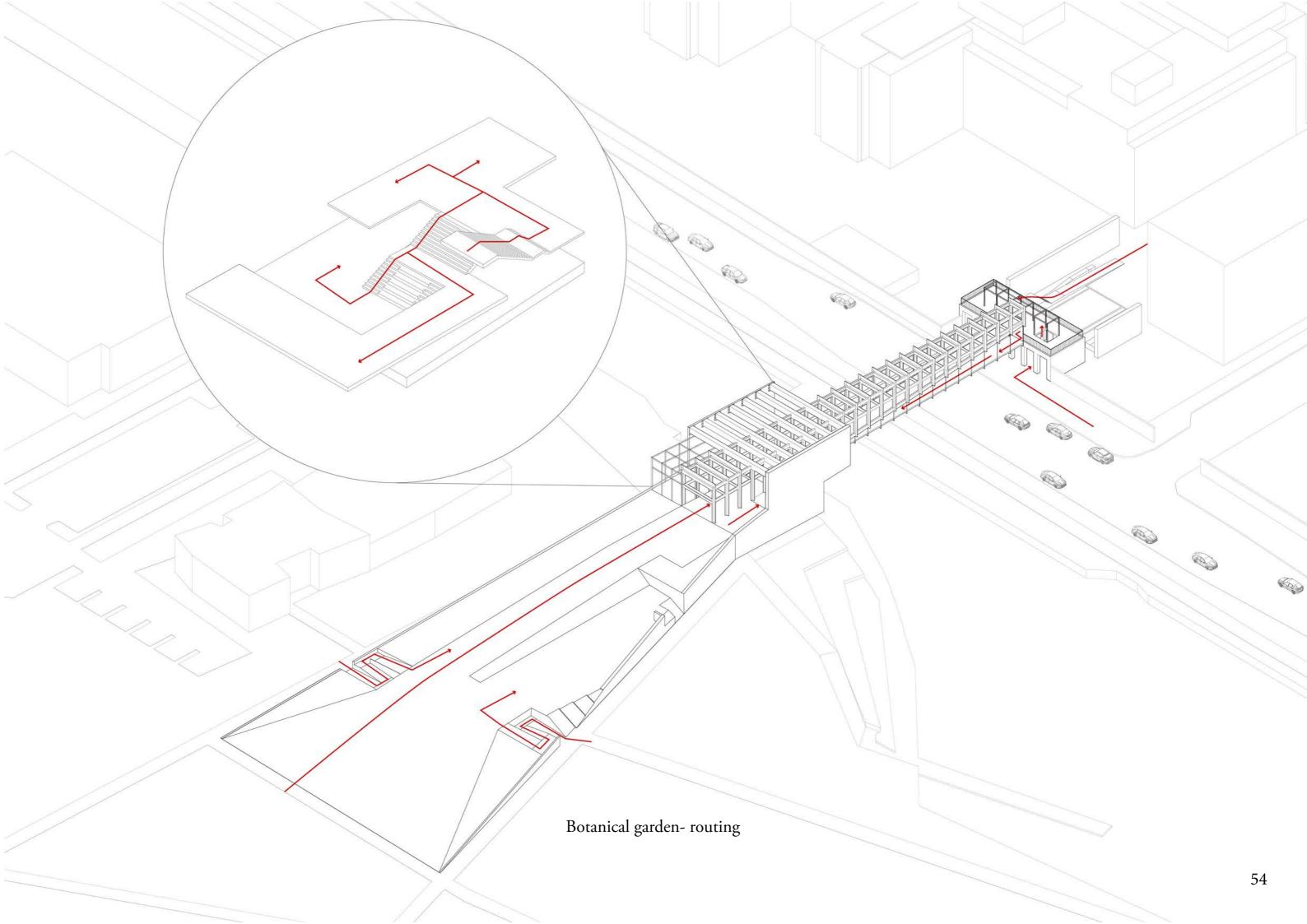
Reinforced concrete core becomes a threshold, where colorful, lush greenery is imposed on a city realm.



Exterior/ interior threshold



Botanical garden- levels 0, -1, -2





Promenade

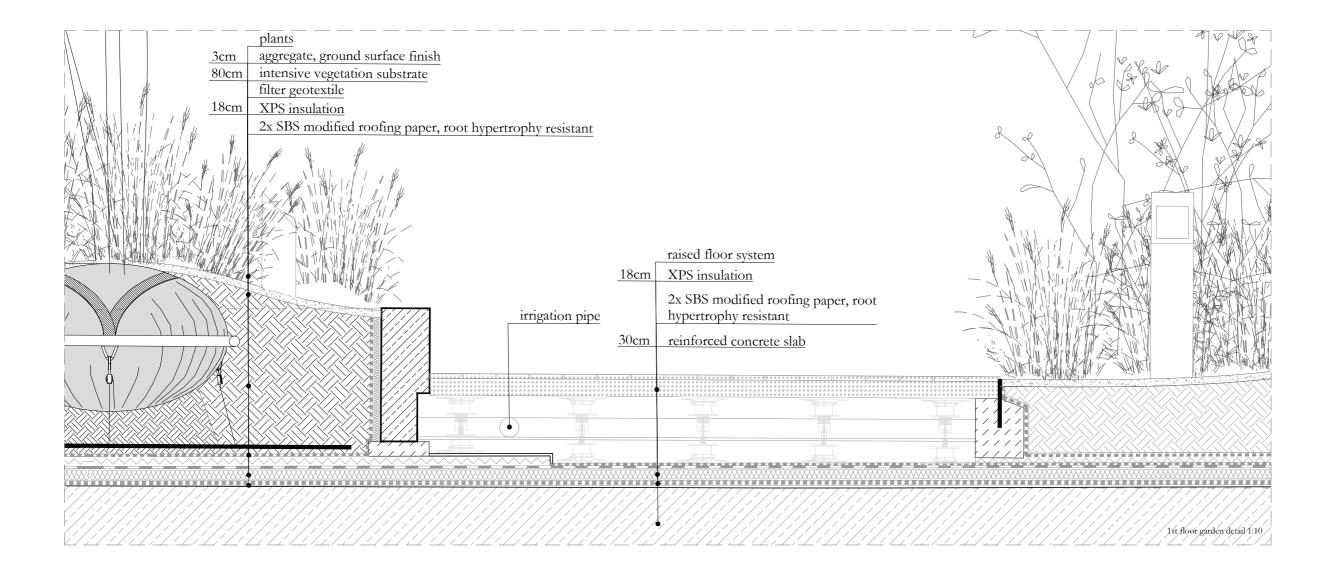


Botanical garden

Landing of the bridge is filled with greenery and flowers with which visitors can interract while walking down the stairs between levels -1 and -2.





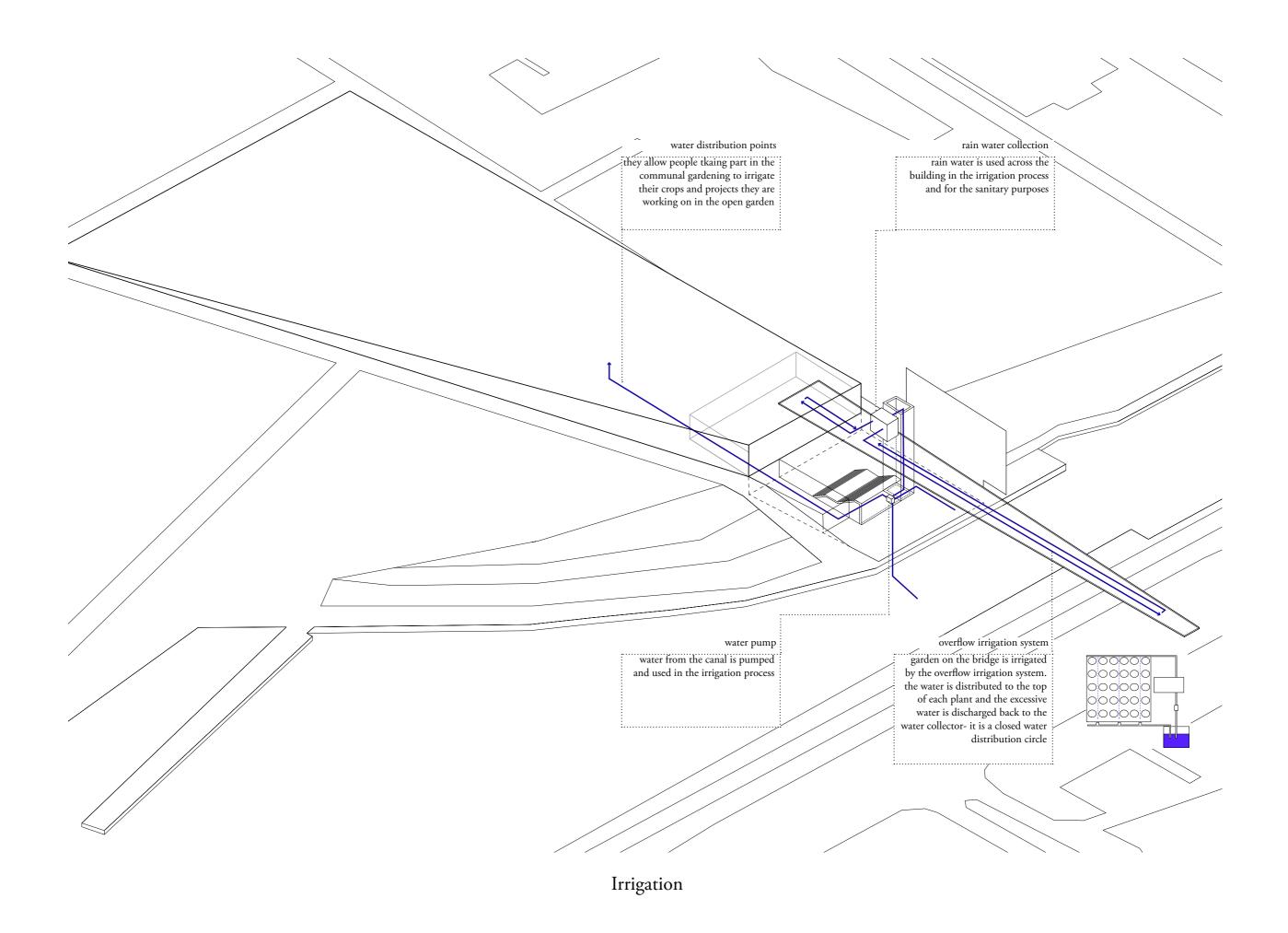


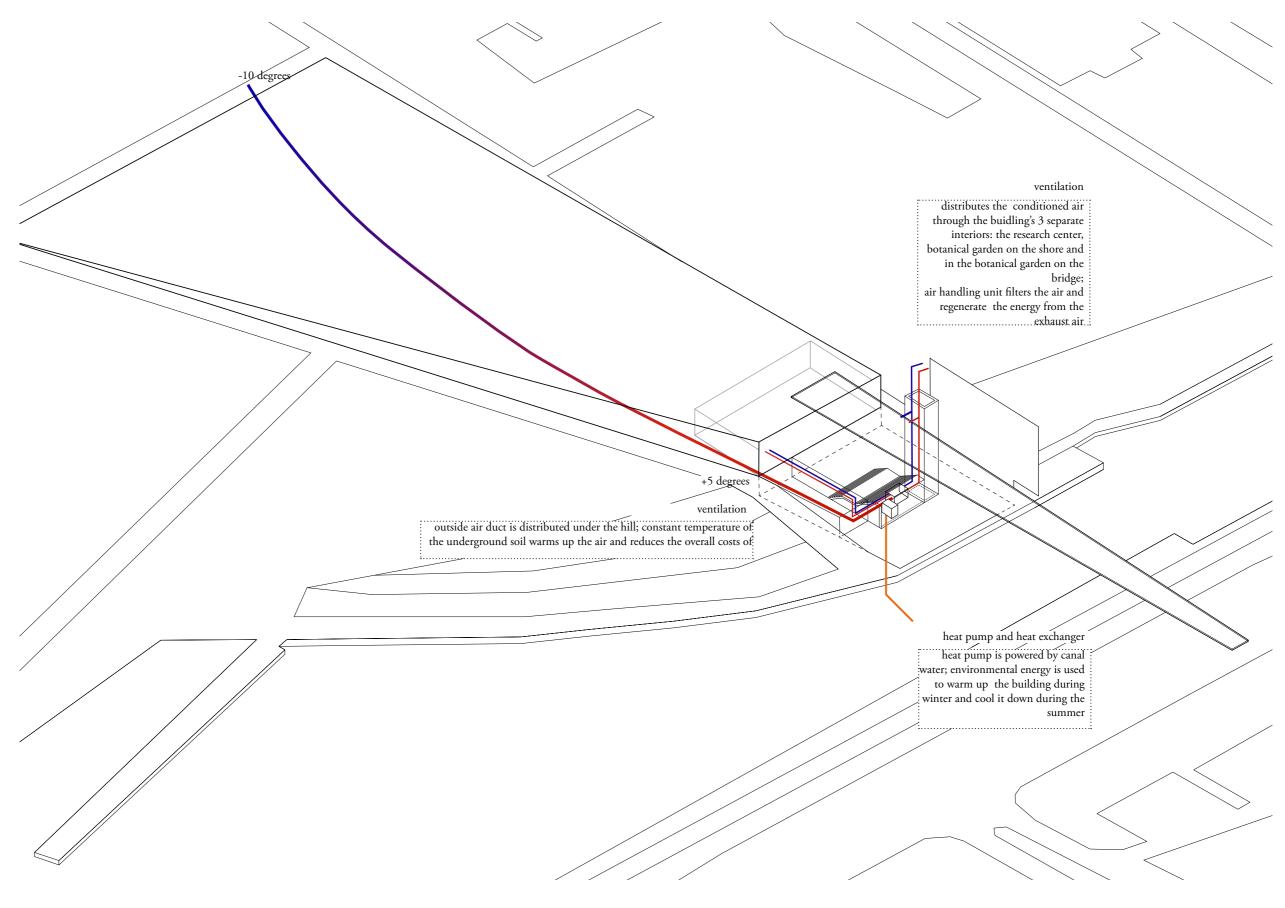


Eastern Facade Day, Night Conditions

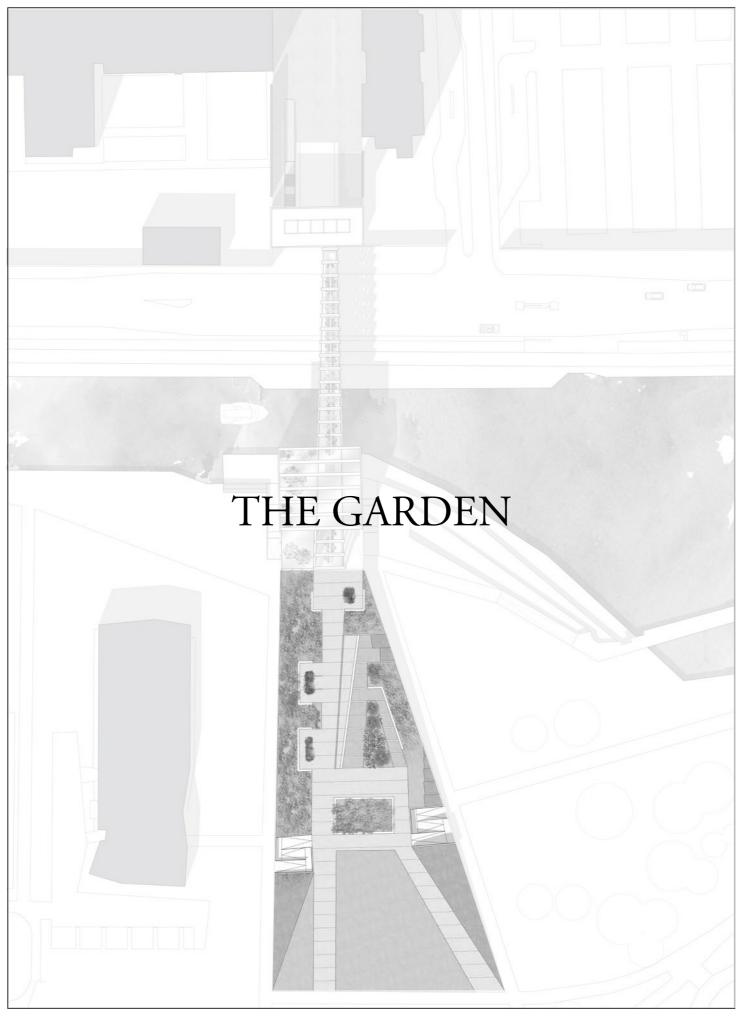
This is the only side of the project that can be perceived a as a whole object.



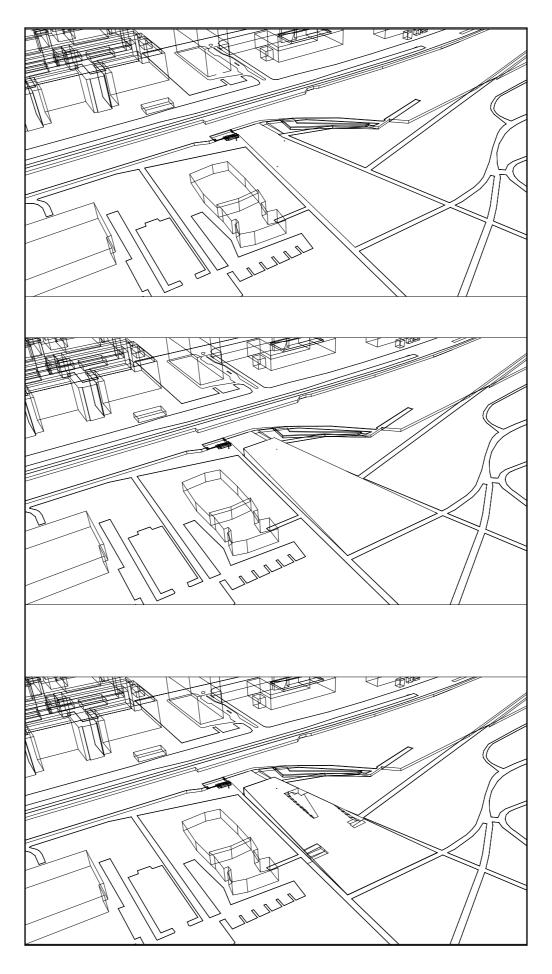




Ventilation & Heating

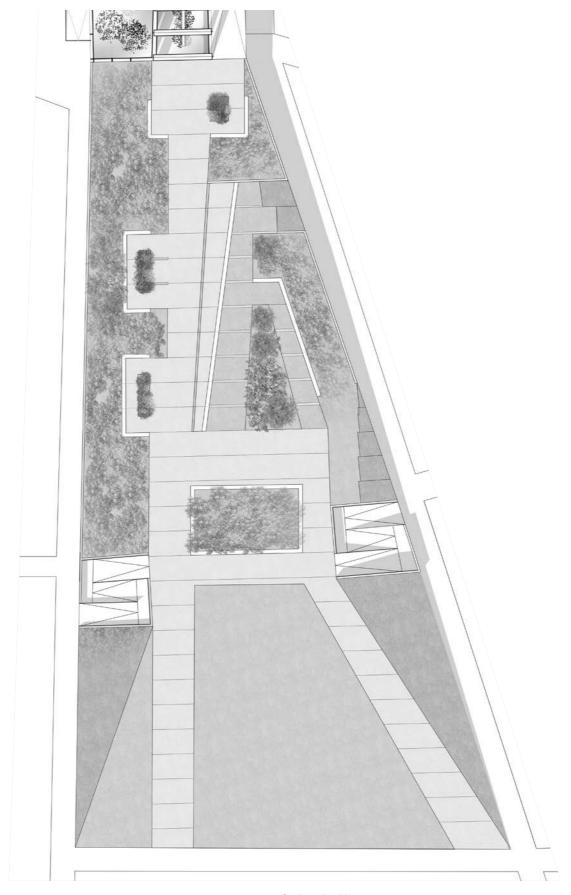


Outdoor garden plugs in the proect to the existing park and greenery on the souther part of the site.



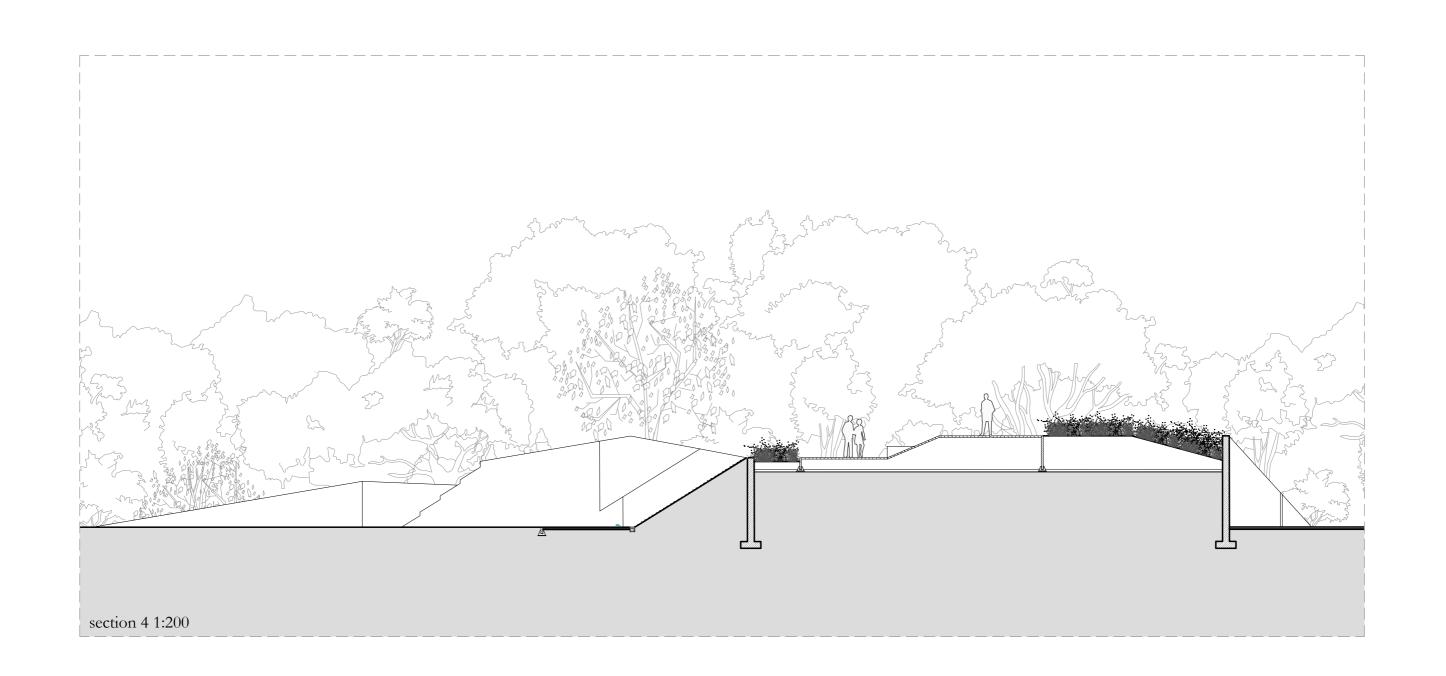
Development of the hill

Rising up 5 meters above the ground level, the garden becomes part of the physical connection to the old town and highlights the importance of the greenery as a building's tissue in this architectural dedvelopment.



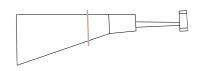
Tectonics of the hill

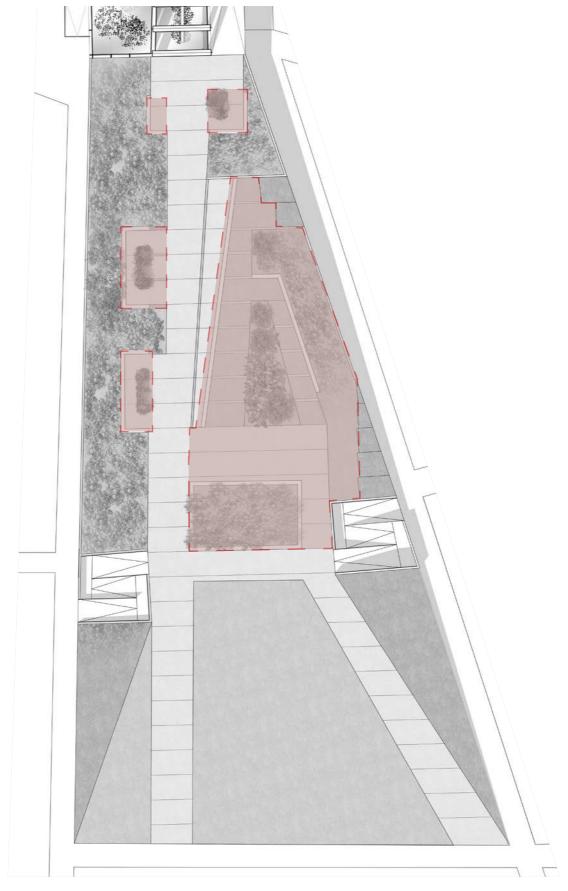
By excavating eastern part of the hill there is a clear space for leisure, filled with wild bushes and sitting space.



Glimpse into a garden

Small cutouts within the retaining wall allow strollers to see what is happening on the hill at any given moment.



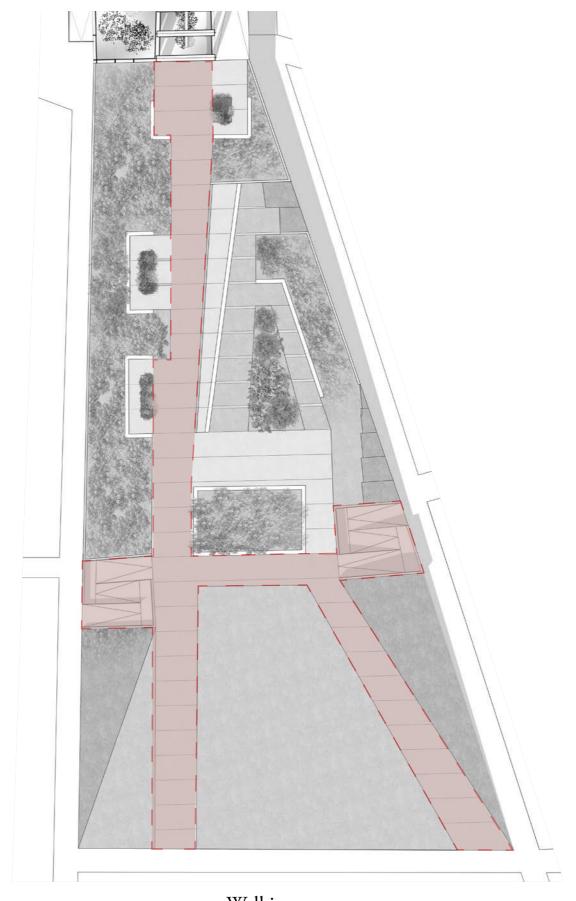


Leisure areas

By excavating eastern part of the hill there is a clear space for leisure, filled with wild bushes and sitting space.







Walking areas
Western strip of the hill is a clear connection between the bottom and the top of the height.



