INFRAVENOUS

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REUSE CIBA BASEL THEME C
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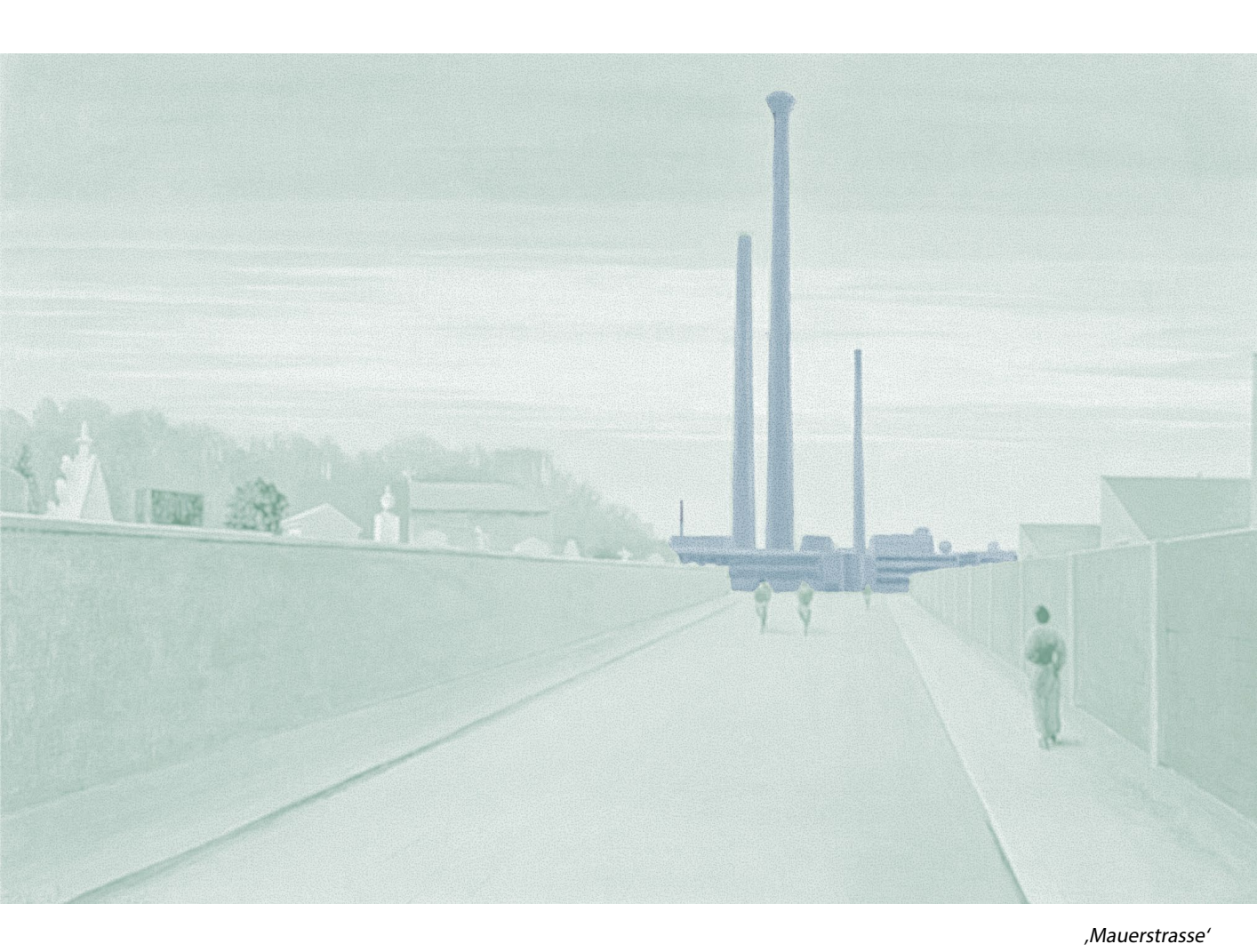
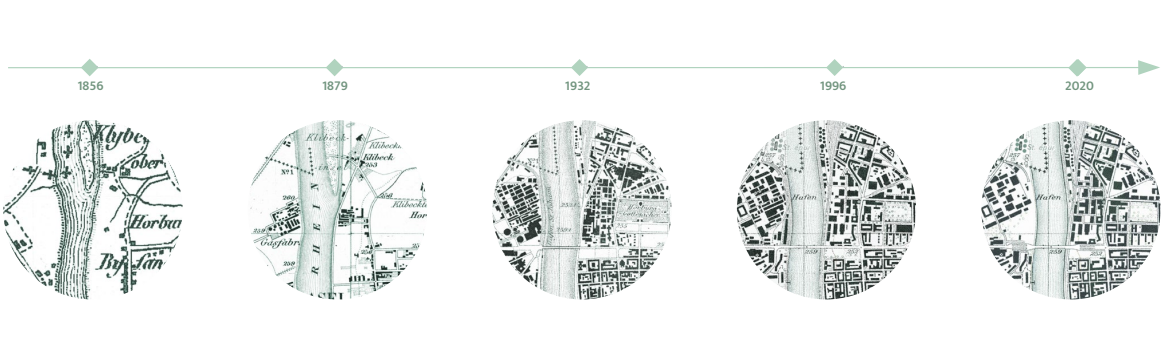
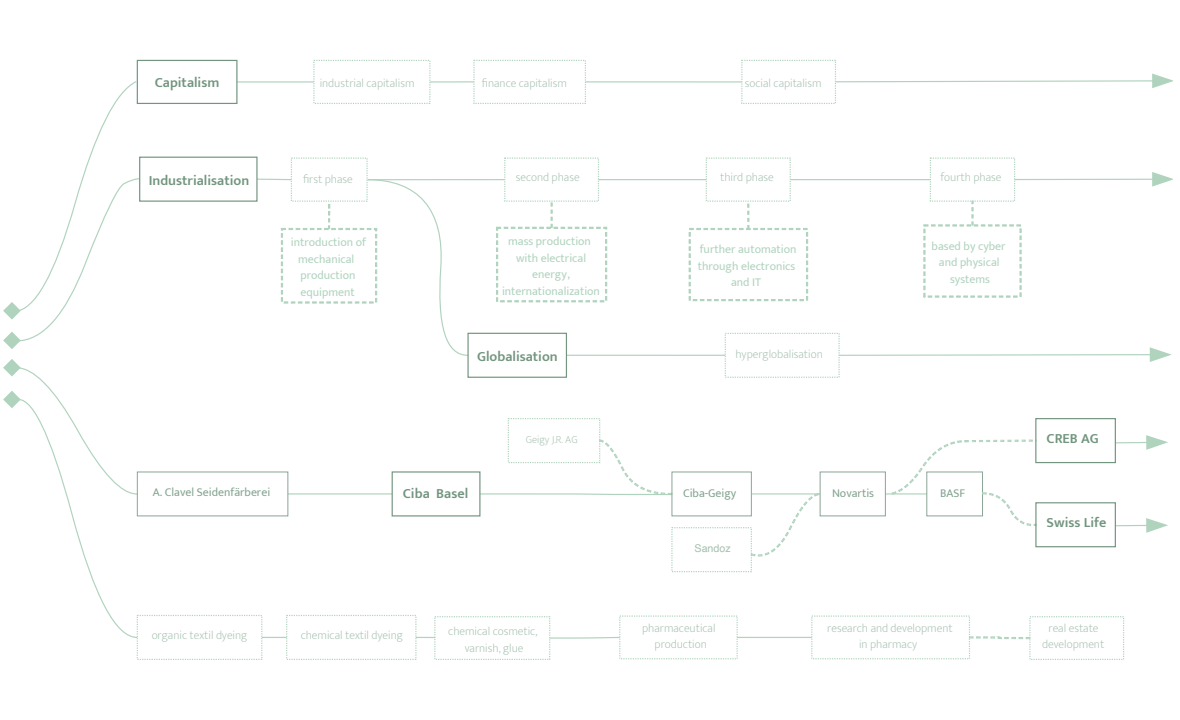


‚Mauerstrasse‘
Niklaus Stoecklin 1935
Ciba Areal in Basel
New objectivity

THE FORCE OF ECONOMIE

The Klybeck area is representative of the transformation of the economy in the last centuries. Starting with the textile dyeing industry, it has developed into an important location for the pharmaceutical industry. In the course of globalisation, the production of pharmaceutical products was relocated abroad and research and development became the main focus. Due to the loss of its importance as an industrial site, the Klybeck area has become an object of speculation. It is now owned by the real estate developers CREB AG and Swiss Life.





REUSE AND RETHINK

As Doloros Hayden points out in her text on the movement of material feminists ‚The Grand Dome- stic Revolution‘, that there is always a connection between our current capitalistic system, our society, but also the the spaces in which one lives. Through persevering old spatial structures, the society can hardly transform itself to a new compilation.

My diploma should deal with these dependencies. In the project a balance should be defined between the *economic value* - the areas that bring profit, the *cultural and social value* - the space that people can use collectively, so that everyone has equal access to the same qualities and the *material value*, which existing buildings have for us today, not only from the point of view of preservation, but also from the aspect of sustainability.

In his essay ‚Public Parks and the Enlargement of Towns‘ Frederic Law Olmstett highlightes the large cities at the beginning of the 20 century as a potential to enable that every citizen should have equal opportunities to participate in society through shared infrastructures. He defines this through public parks, sidewalks, but also the supply of gas.

Thus the approach for the conversion of the Ciba site in Basel can be concluded - a constellation of two buildings and a courtyard has been selected to enrich them with an infrastructure to make them suitable for today‘s requirements. Aside from the movement through the building and the energy supply, the common areas are to be interpreted as necessary infrastructures too.

In the standart system of the SIA 416, a floor plan is divided into Hauptnutzfläche, Nebennutzfläche, Verkehrsfläche und Funktionsfläche. Stairs, ancillary rooms and energy supply are regarded as rest areas. These neglected areas, however, are those that are providing a shared and common use! The current understanding of gross and net floor space in Switzerland should be questioned and the ratio of main and secondary useable area‘s reinterpreted through the use of the distinctive characteristics of the existing buildings.

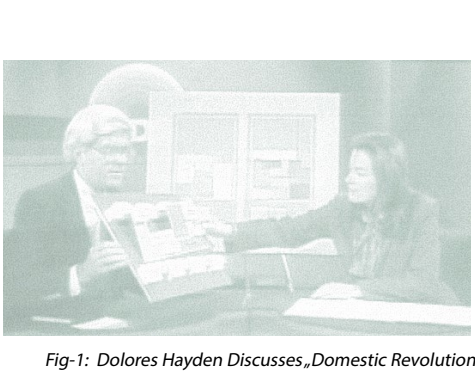


Fig-1: Dolores Hayden Discusses „Domestic Revolution

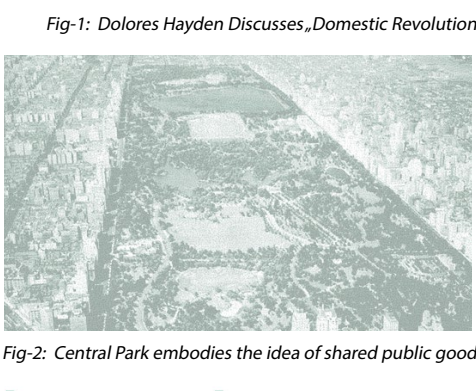
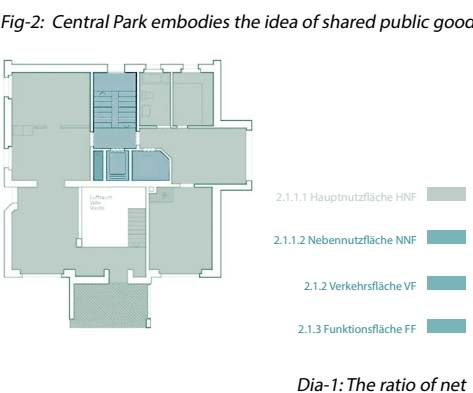


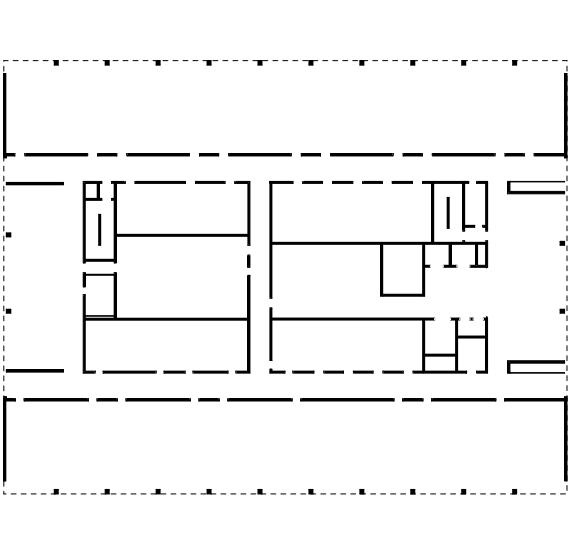
Fig-2: Central Park embodies the idea of shared public good

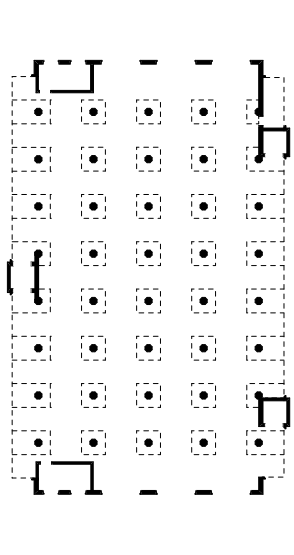


Dia-1: The ratio of net and gross: profit meets functionality

TWO FRIENDS

The two existing buildings constitute an unusual couple. With almost 40 years of difference the ideas of material, aesthetics and the demands of use have changed fundamentally. Today they face each other as strangers. Yet both are extremely pure and radical in their type. They correspond in their type of efficiency, which reflects the respective time and use - the fat deep laboratory and the bony high warehouse.

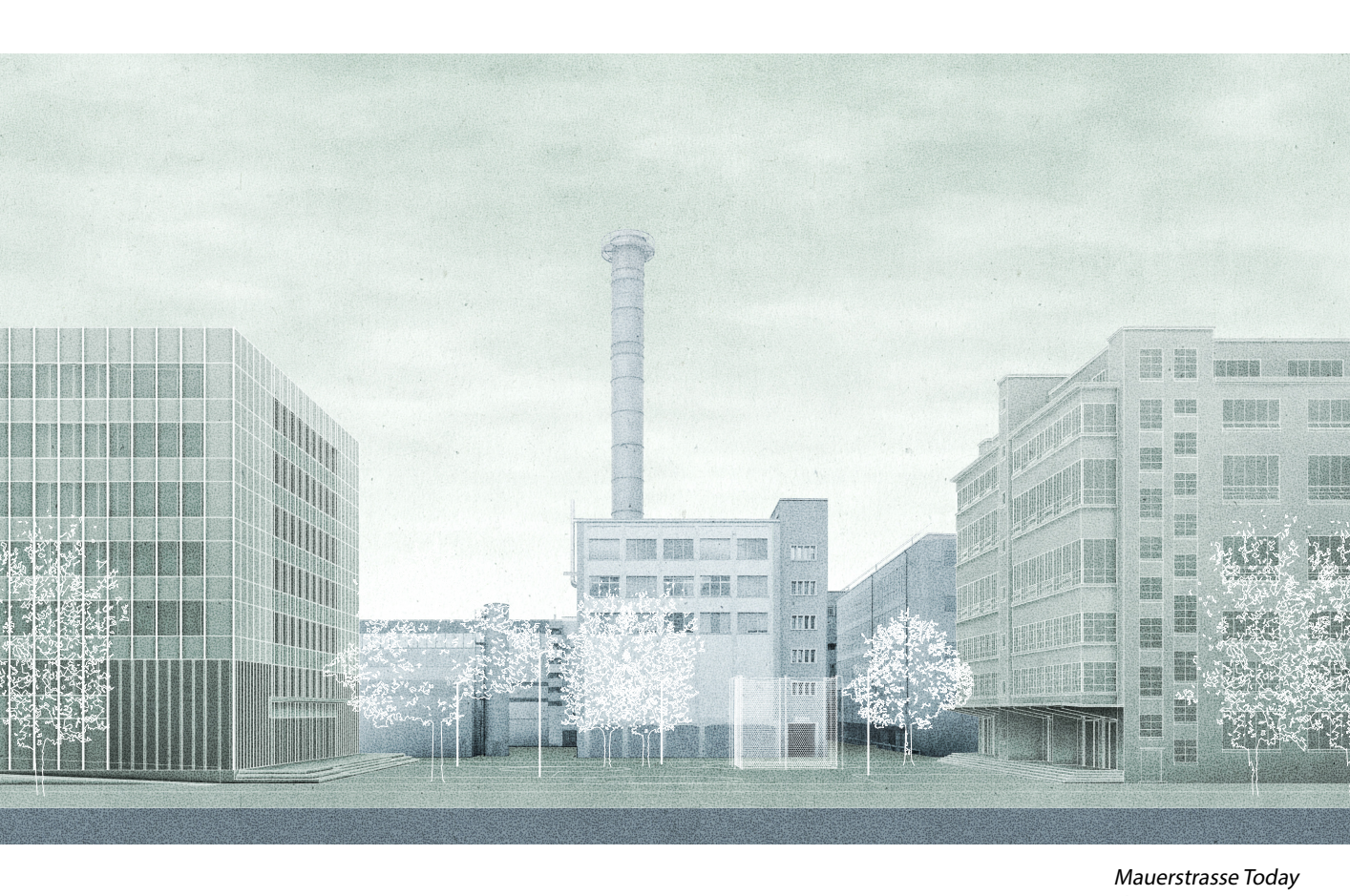




LABORATORY BUILDING 127	STORAGE BUILDING K-26
‚ HARDY ‘	‚ LAUREL ‘
1972	1937
Function: Laboratory for analytical controls and research services in physics	Function: Storage building for organic and chemical textile dyes
Building Type: Three-span, optimized layering for a laboratory, from outside to inside: workplaces, laboratories, corridor, specific service rooms	Building Type: Column Structure, optimized for a warehouse, flexible storage area: access along the facade to have always the shortest way
Floors: 7	Floors: 7 (+ 2 split levels)
Volume 73.500 m³	Volumen 37.800 m³

INFRAVENOUS

What is behind the façade? What is the character of of something? Where do all these chimneys point to? Is the soil full of pharmacy? How many veins can you feel? What belongs only to some? What belongs to everyone? What is the value of something? What is the immaterial value of someone? What is worthless? What system are you in? Do buildings breathe through their windows? How do you want to tell this story?

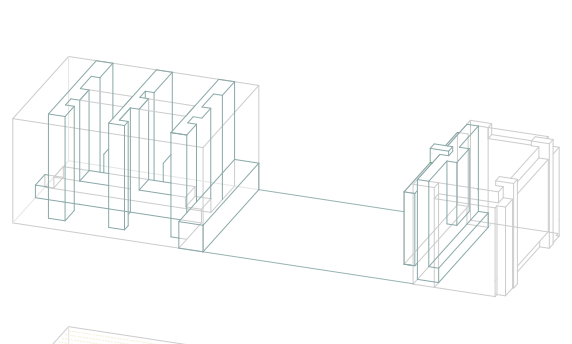


Mauerstrasse Today
A perspective view
Two buildings and a Yard

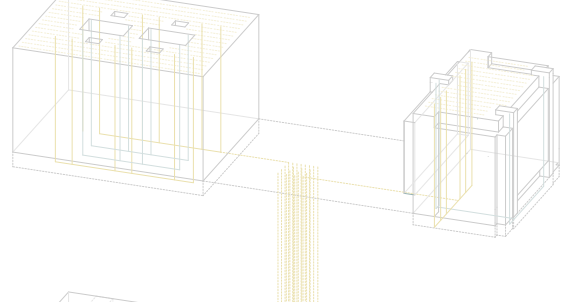
Two friends look at each other. Between them is a yard. Around them is the city, which will soon change significantly. The two have been facing each other for a long time. Now they have recognized each other. It wasn't so hard after all. Inside they have absorbed a lot. Although they are old, they are not tired. Some things pinch, they need to be replaced. The others stay. The visitors have changed, they used to be workers now they are inhabitants. Their character is the same and at not the same anymore.

PRINCIPLES

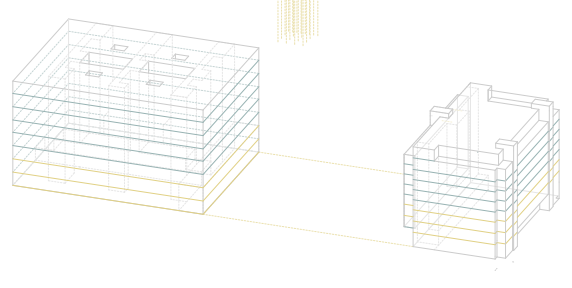
The task is to convert a laboratory building and a storage building into residential buildings with public use. The volume and structures of the buildings are to be retained and reinterpreted as far as possible. In doing so, the handling of the depth of the ground plan is to be tested, as these buildings are typical for a type of very deep buildings, which we will often be confronted with in the future.



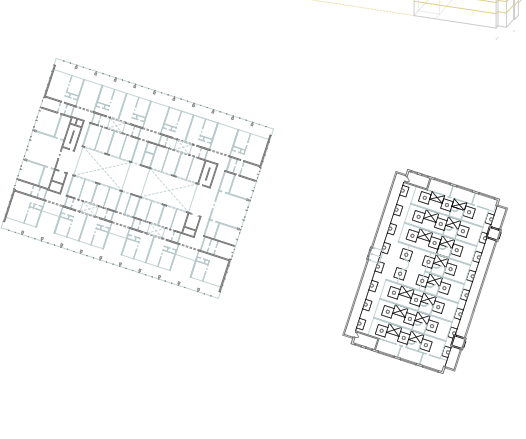
Public infrastructure. It includes the access, building services and common areas as winter gardens, laundry, club rooms, common kitchen and event rooms.



Energy supply. The buildings follow the concept of ‚zero emission‘. They have their own energy producers such as photovoltaics and a geothermal energy plant located under the yard.



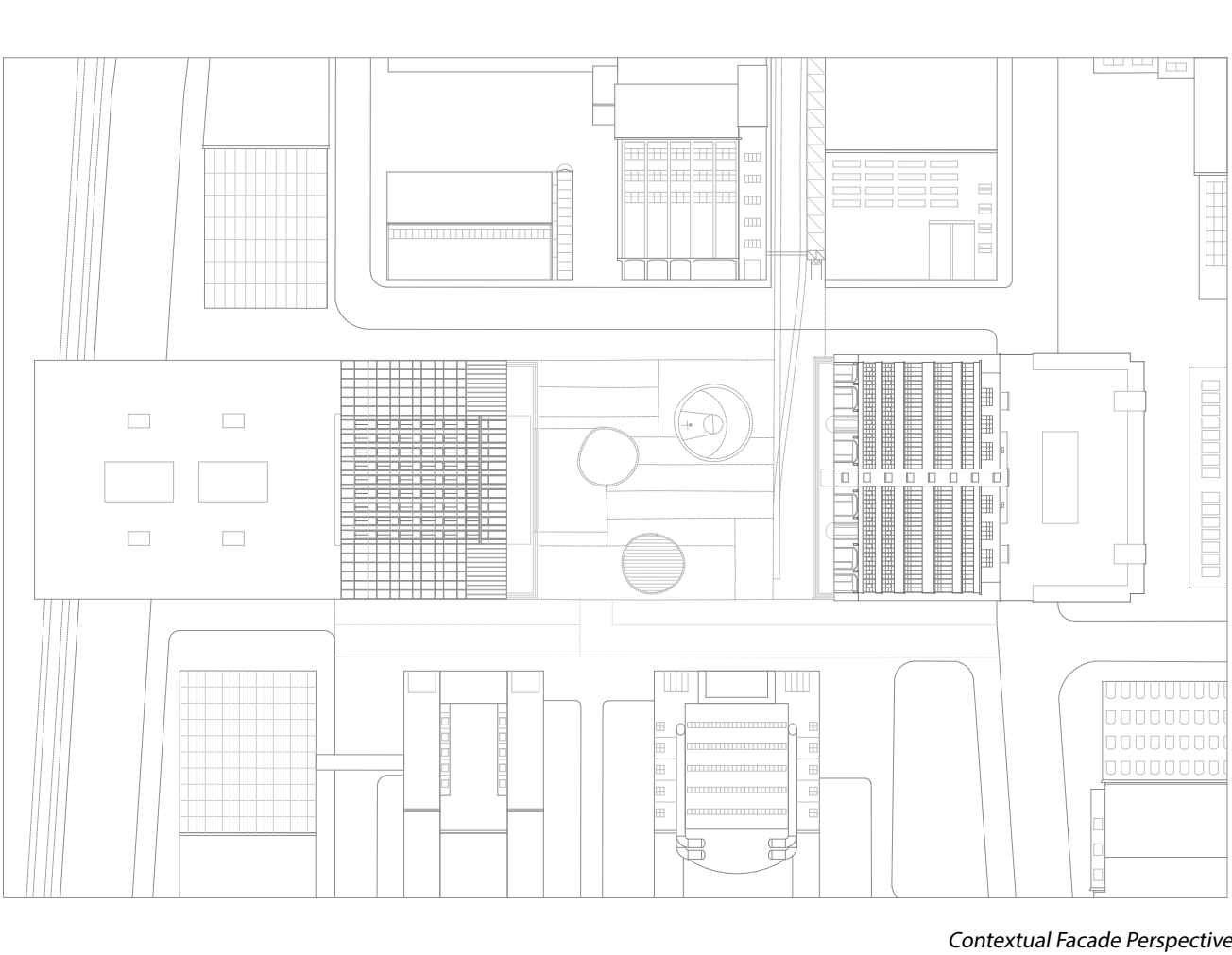
Program. The first two floors of the buildings contain public uses like club rooms, childcare, co-working space, studios, services an shops. The upper floors contain residential living.



Structure. The structure of the buildings is to be largely retained. In the storage building, the interventions are to a large extent additive to the supports. In the laboratory building, wall parts

INFRAVENOUS - THE PROJECT

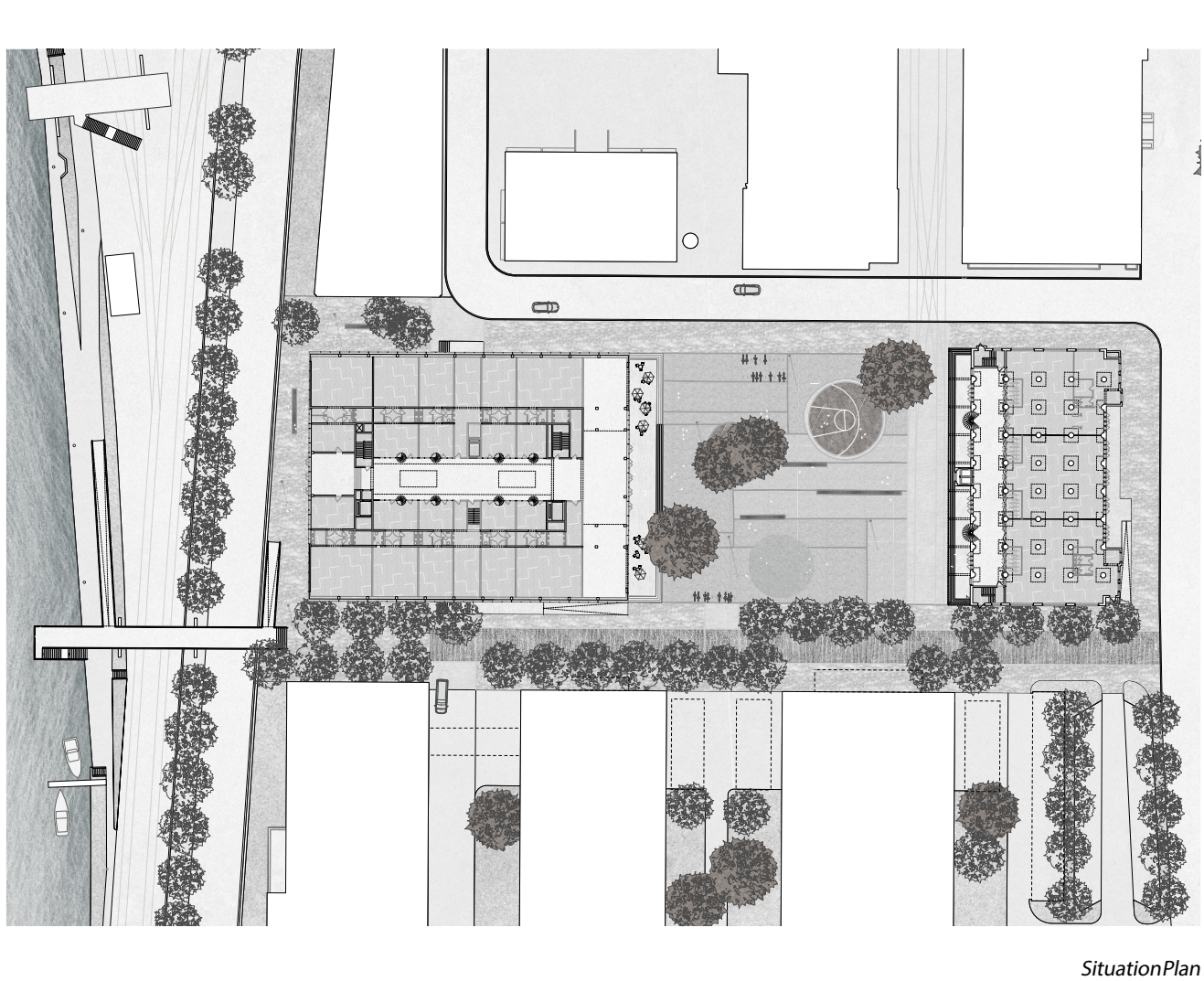
Two buildings are facing each other. In between the yard and around the city.



Contextual Facade Perspective

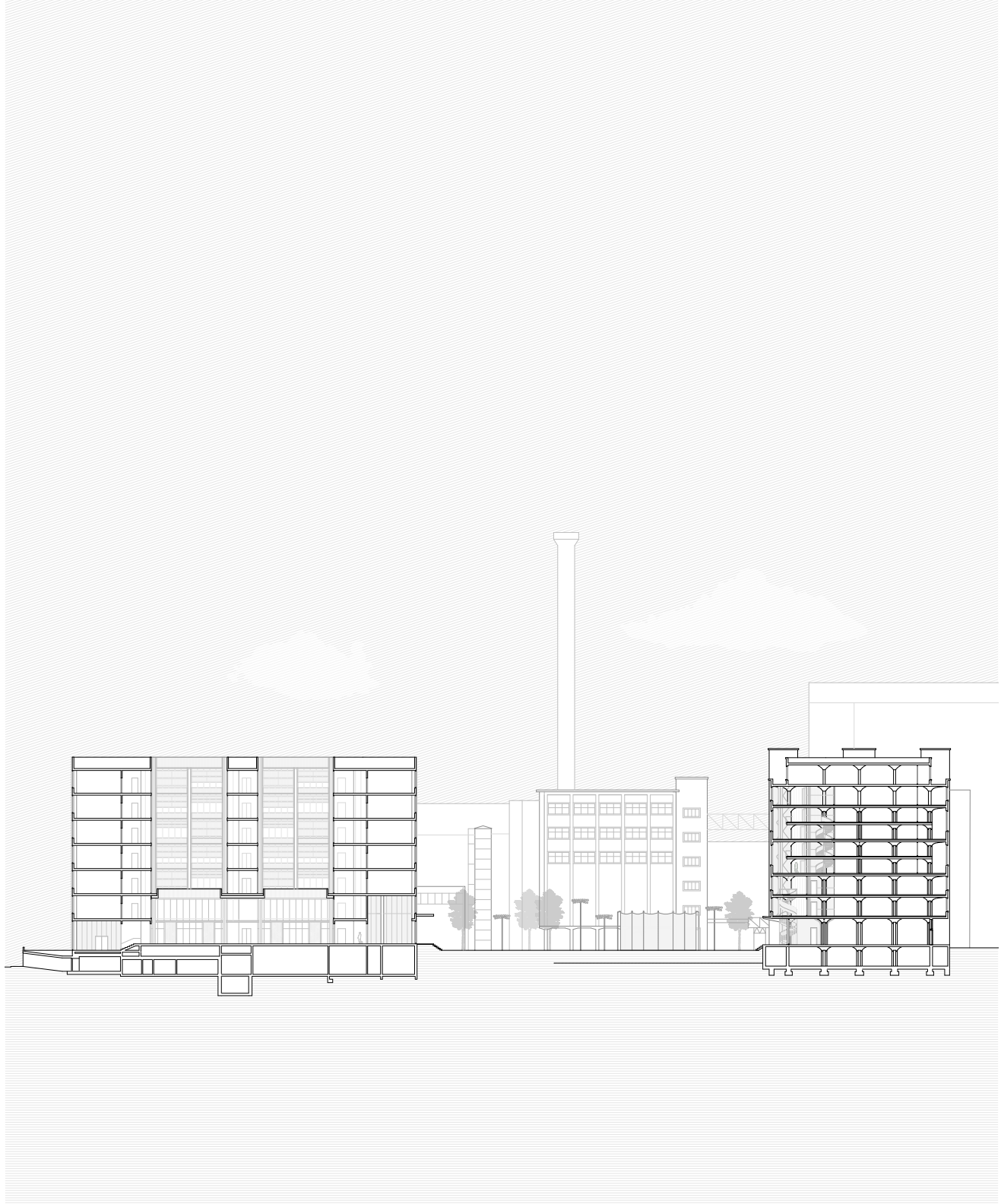
INFRASTRUCTURE SPACE

The two buildings may act as a catalyst for the surrounding district, which will be develop step by step. They form a link between the quarter and the Rhine. The yard integrates the public infrastructure theme by different floor coverings. There is a water surface, a tartan and a gravel field. Large masts illuminate the yard reference the history of the place, like like the integration of the tracks.

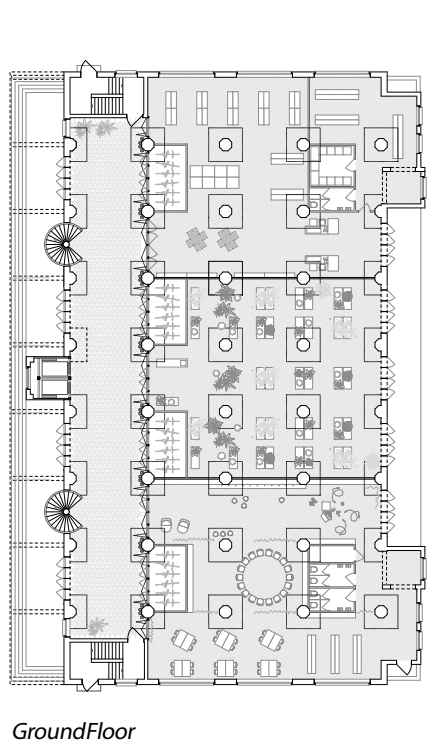


SituationPlan

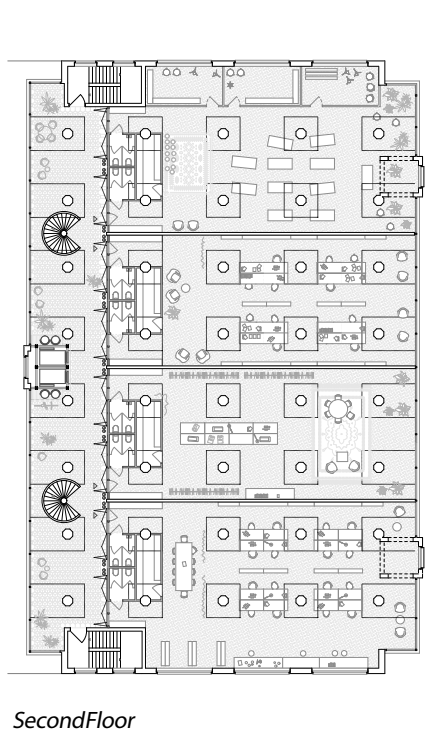
Please take a closer look



Longitudinal Section

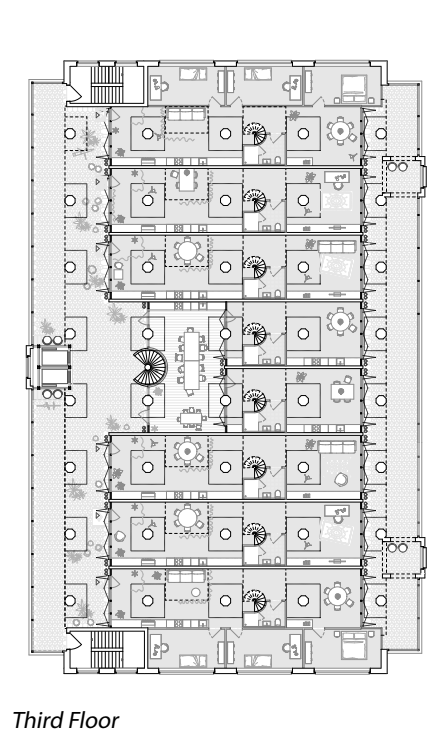


GroundFloor

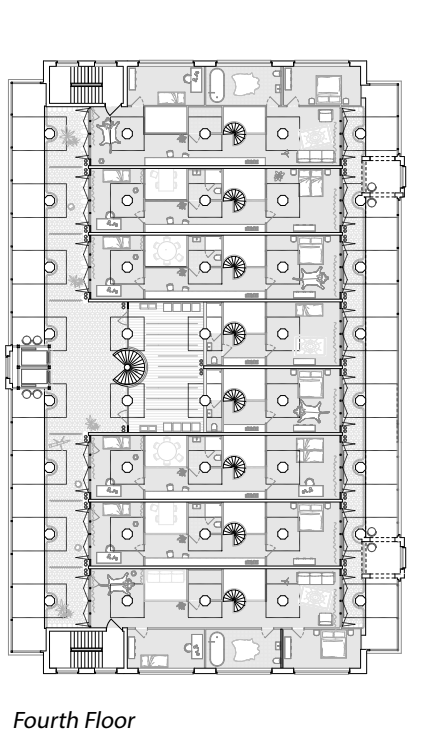


SecondFloor

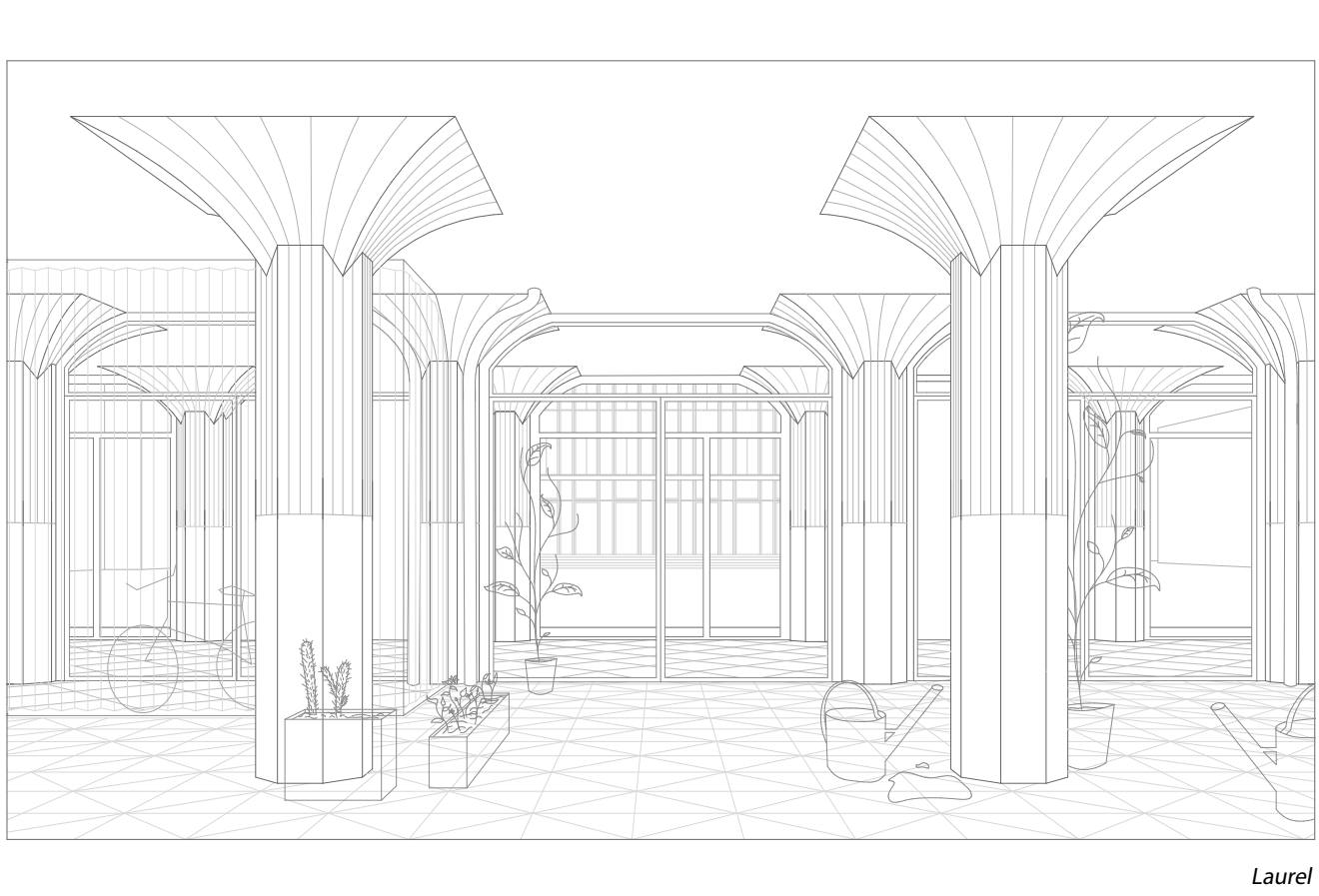
PLEASE MEET LAUREL



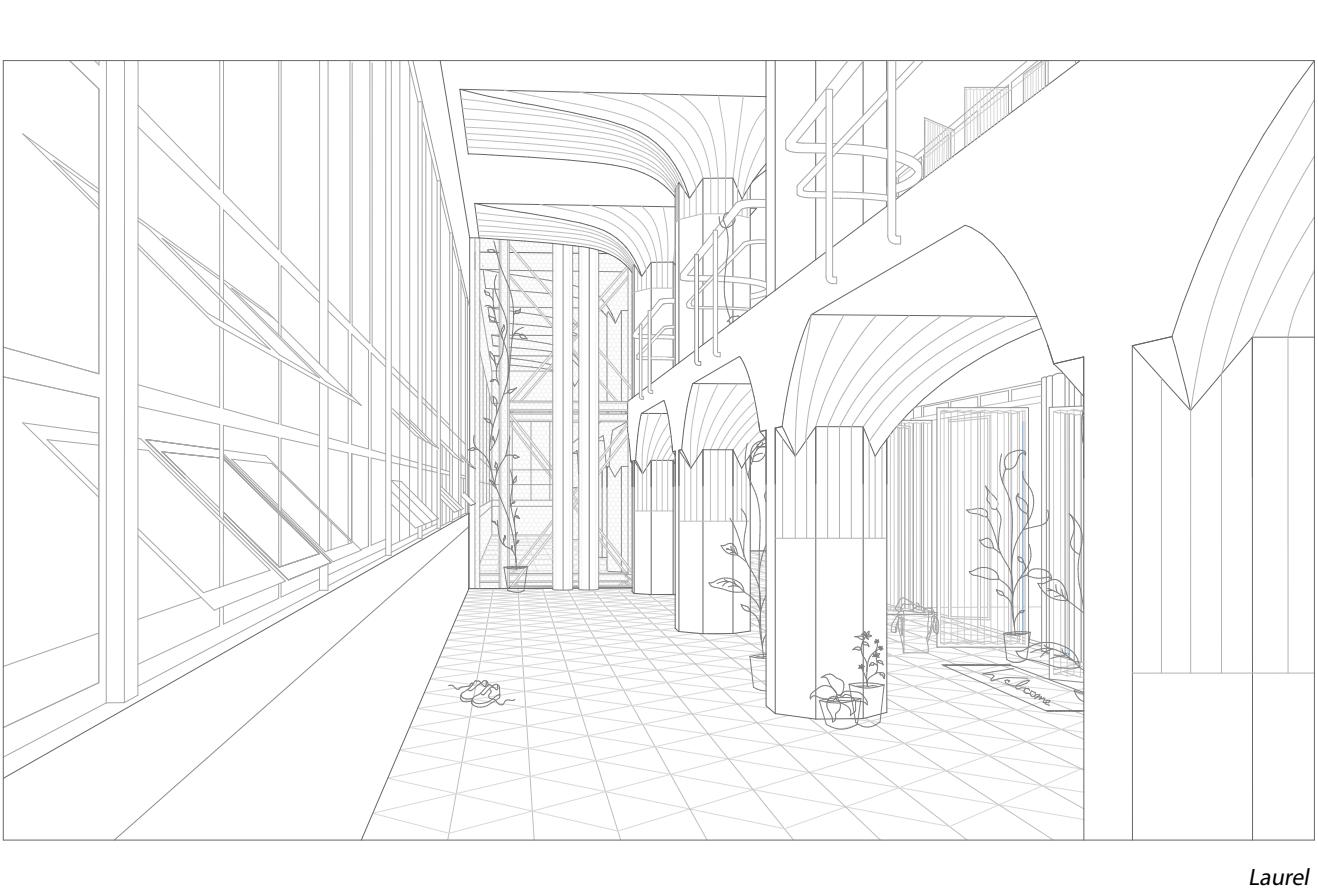
Third Floor



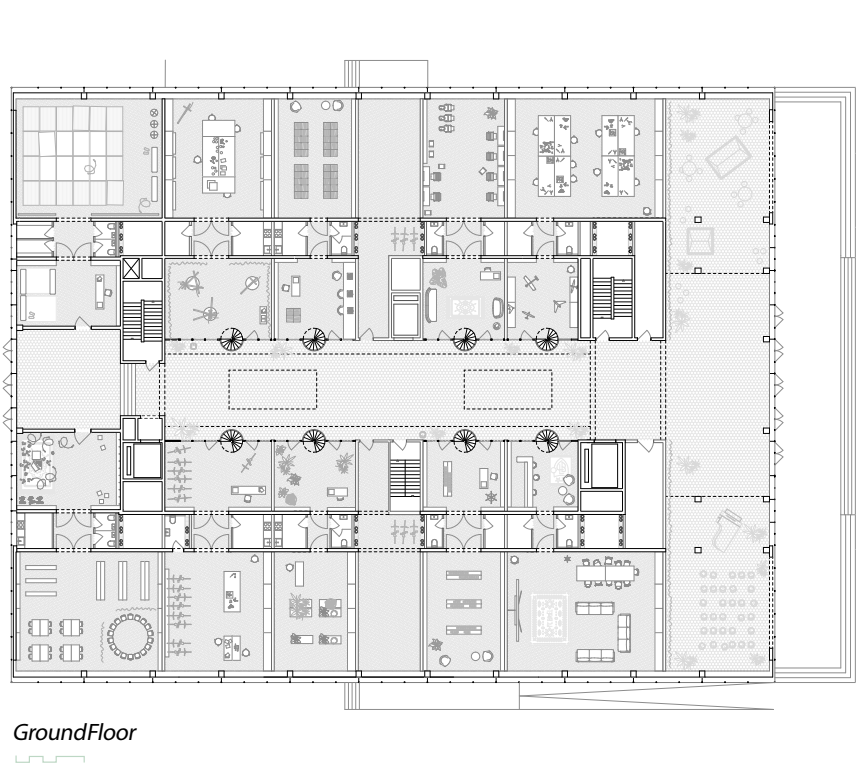
Fourth Floor



Laurel
Perspective Ground Floor

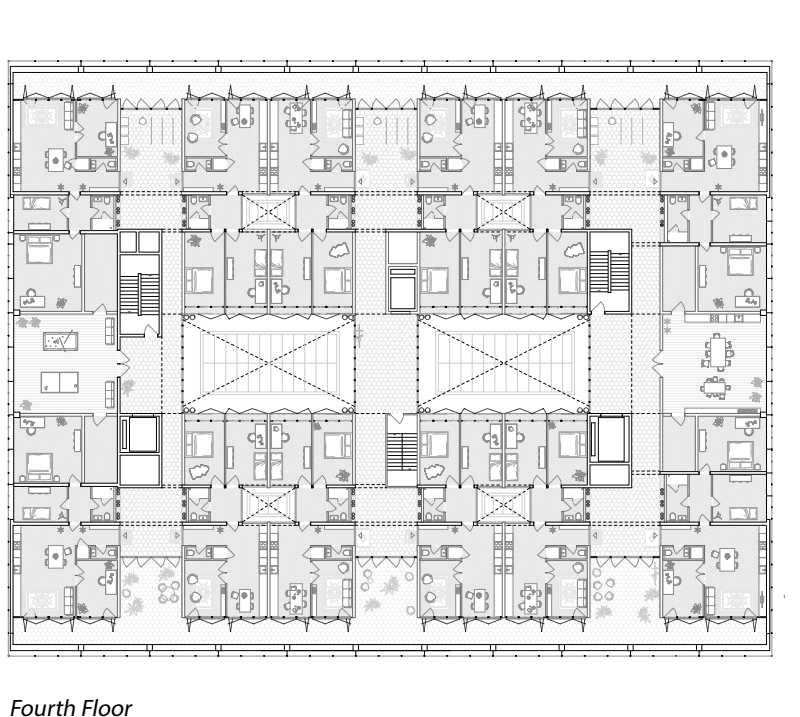


Laurel
Perspective Living Floor

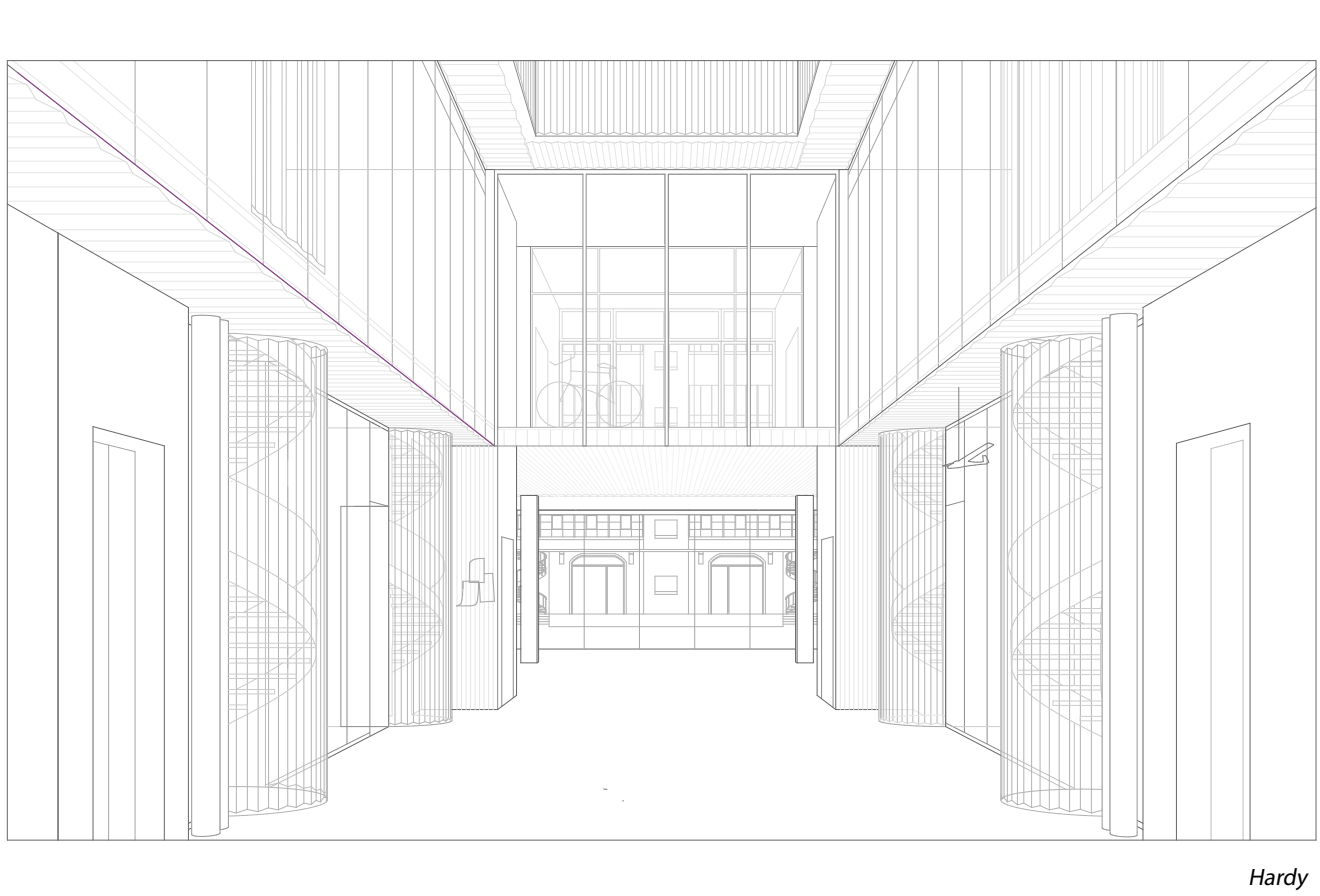


GroundFloor

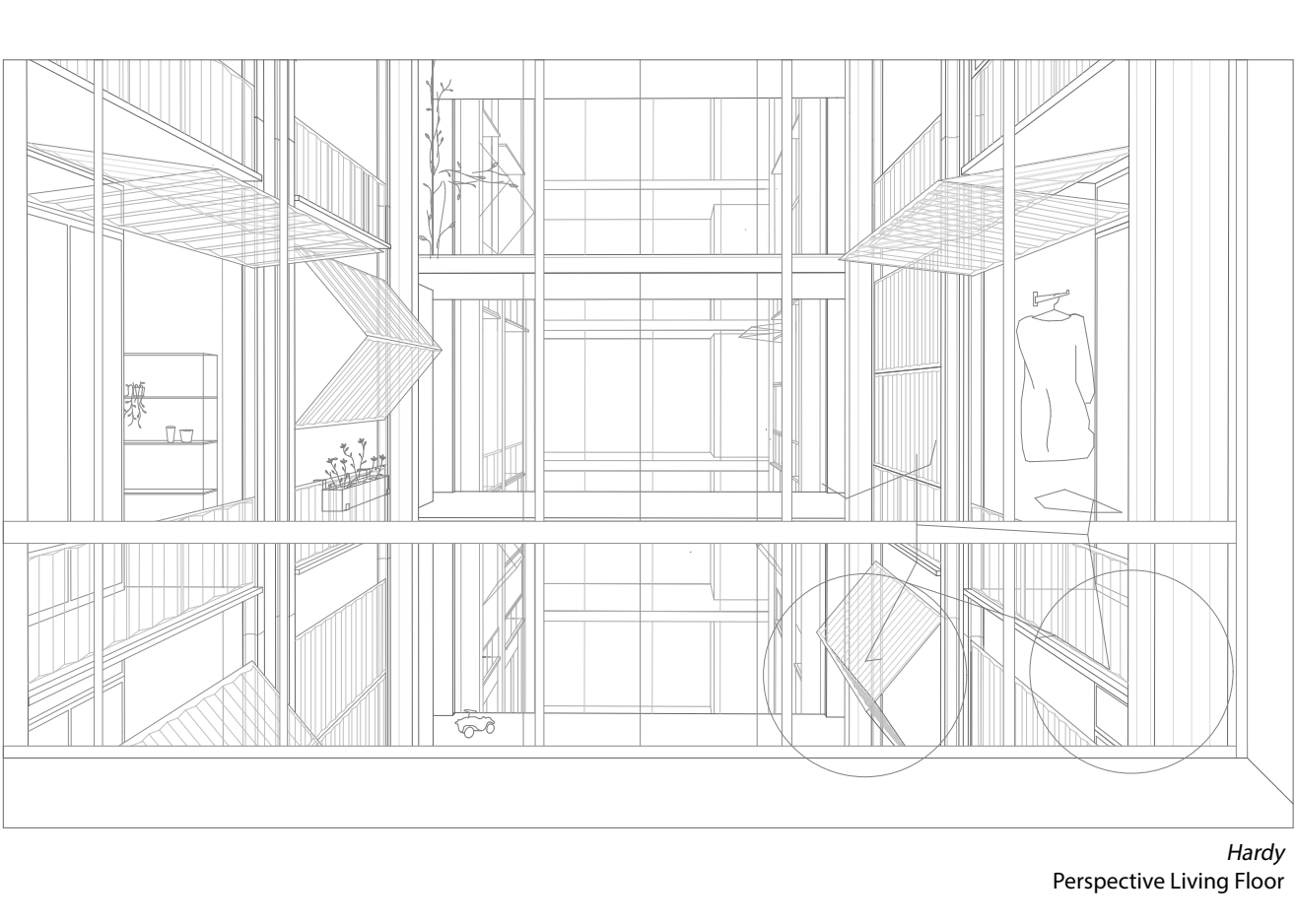
PLEASE MEET HARDY



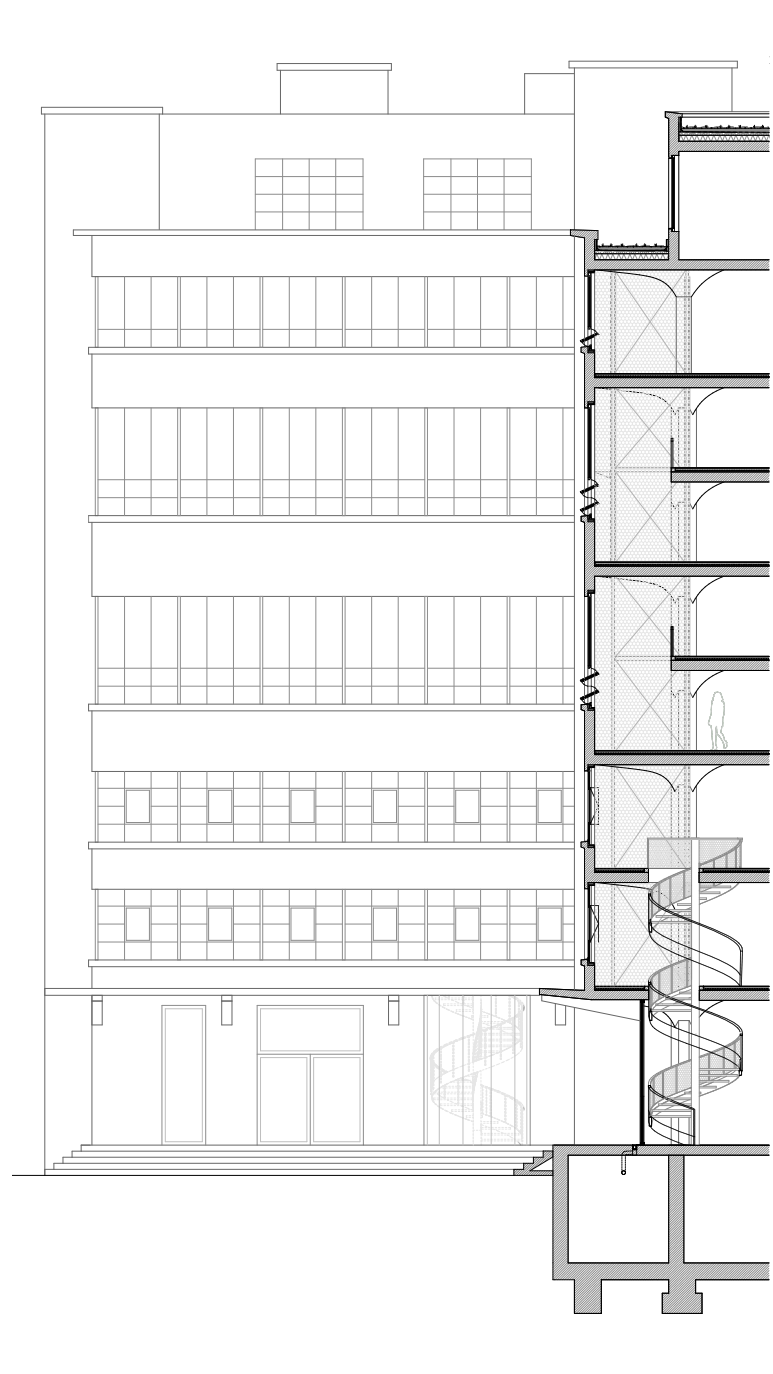
Fourth Floor



Hardy
Perspective Ground Floor

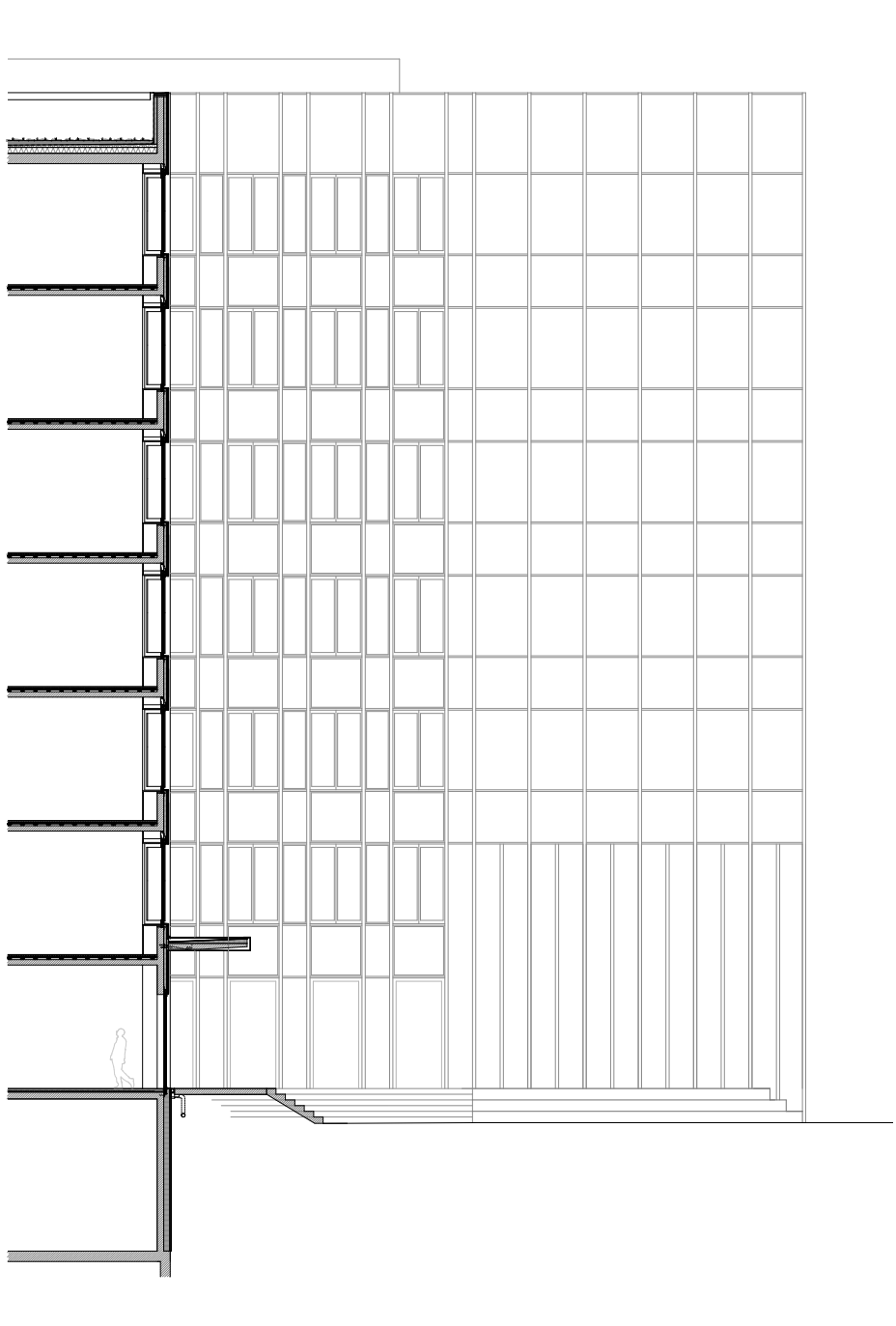


Hardy
Perspective Living Floor



Constructive section
Detailing 1:50
Laurel Storage Building

Please take a closer look



Constructive section
Detailing 1:50
Hardy Laboratory Building

Please take a closer look