

Rooms

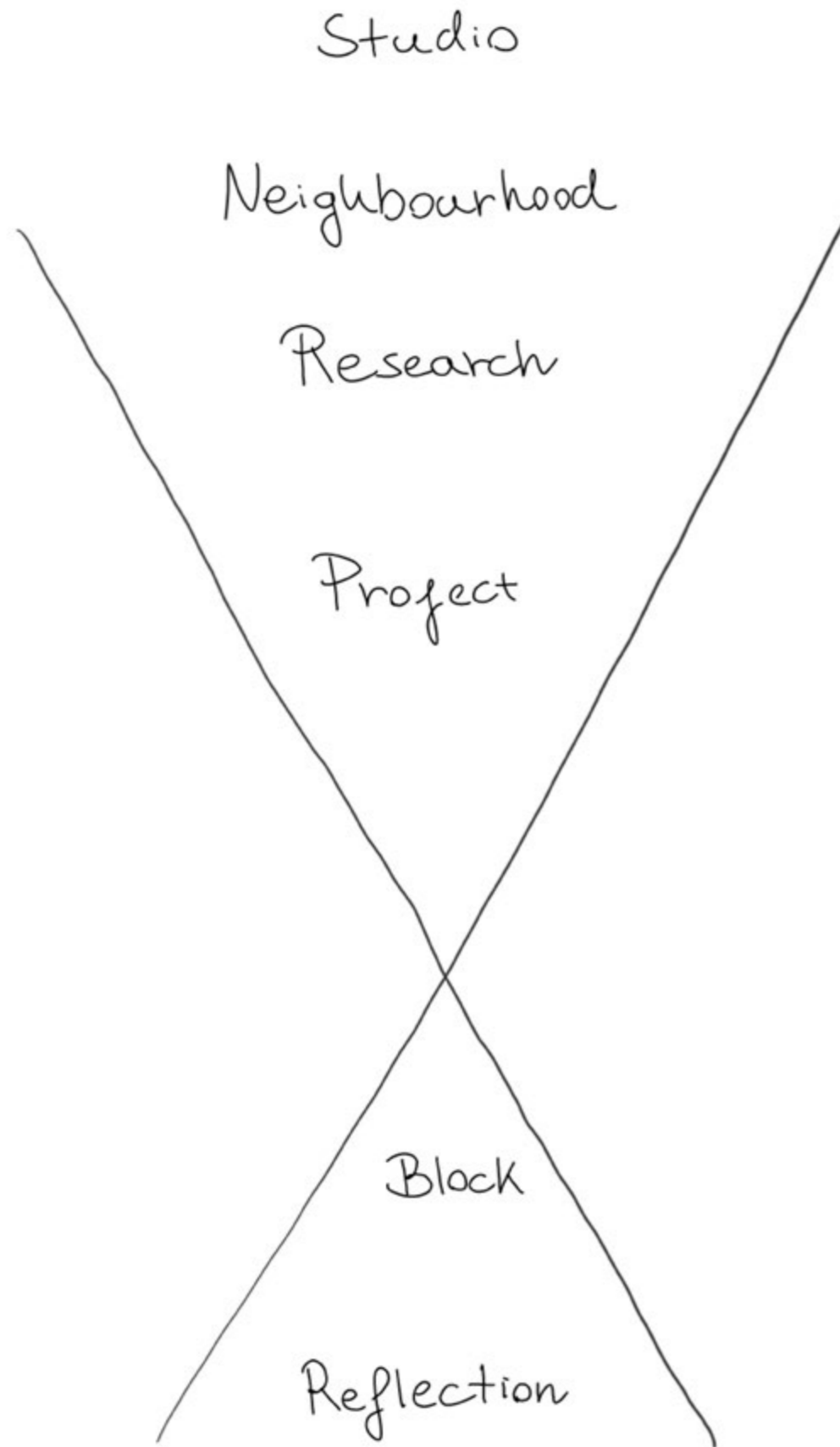
In

Sequence

*On Backs Becoming Fronts where Collective Living
and Making is Happening Side by Side*

SETUP

The X inspired by Leeke



STUDIO

River Ghost, Back as Front



HEYVAERT

In pictures



RESEARCH

Methods of Looking Inward

Photography and Fieldwork

Canal Inventory - counting and reorganising

Looking through a section

Archival and Literature Research

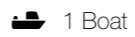
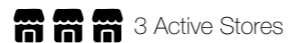
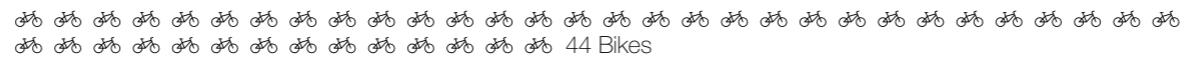
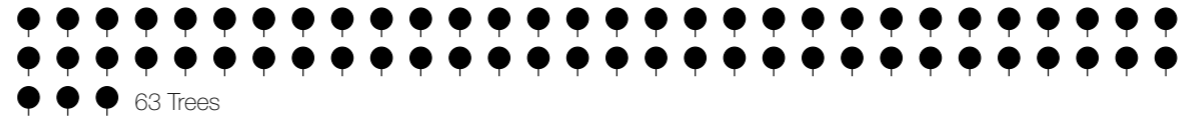
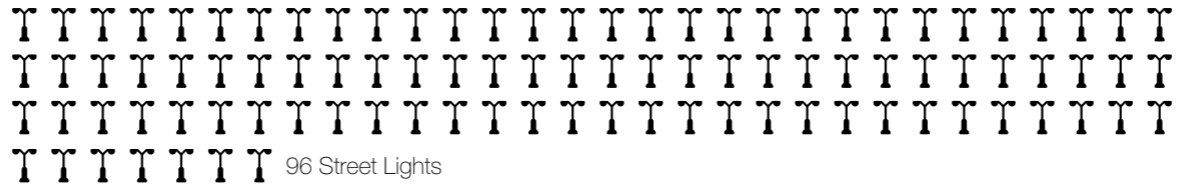
Photography and Fieldwork

Canal Inventory - counting and reorganising

Looking through a section

Archival and Literature Research







The canal as found: cars, windows, graffiti, doors, people, trash, stuff and life.



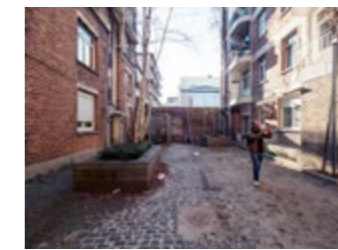
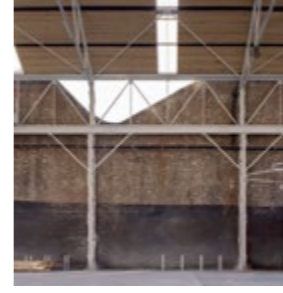
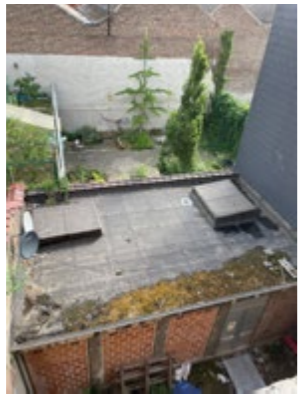
The canal as tidied up: lifeless but clean.



SITE

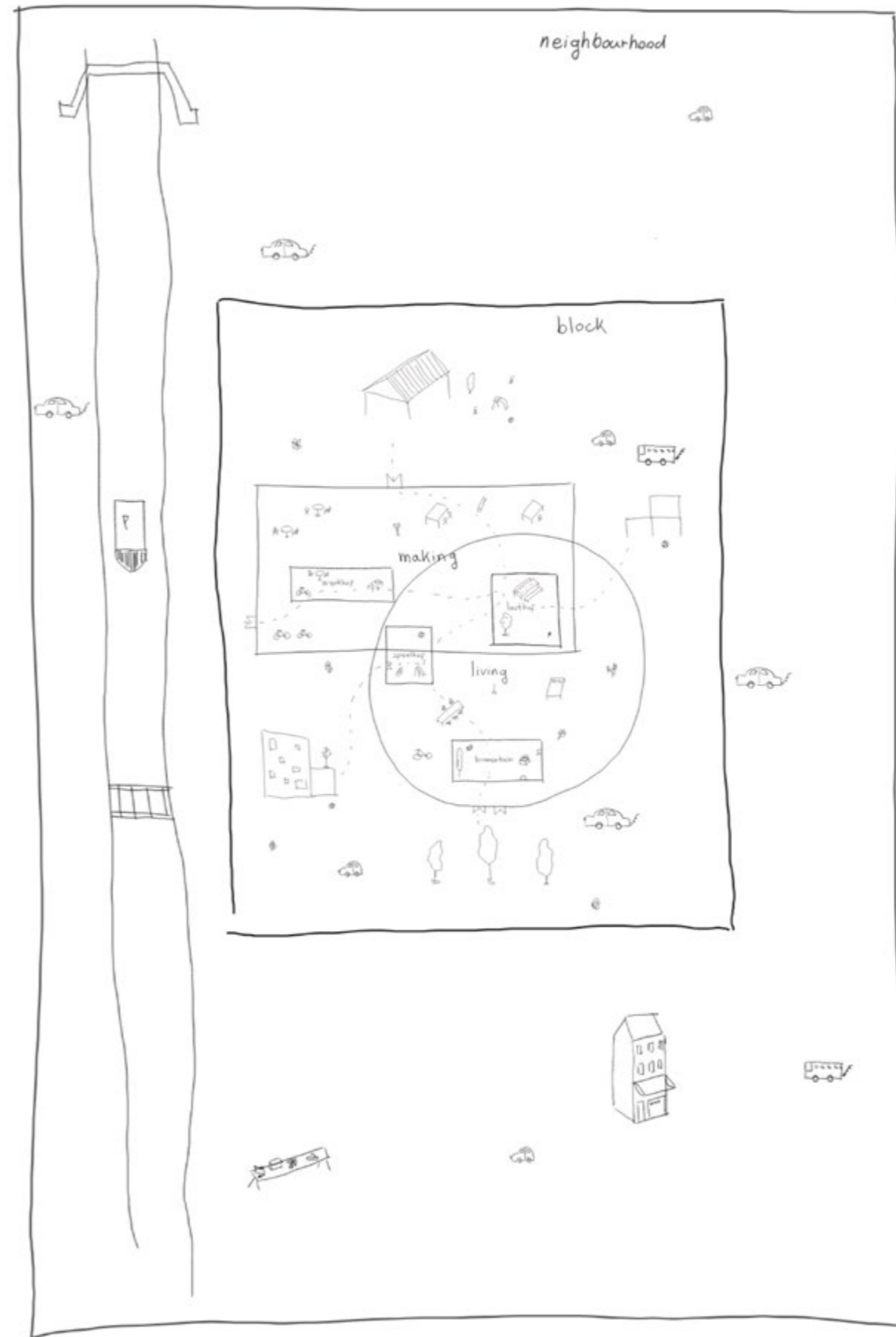
Three Buildings, Four Gardens

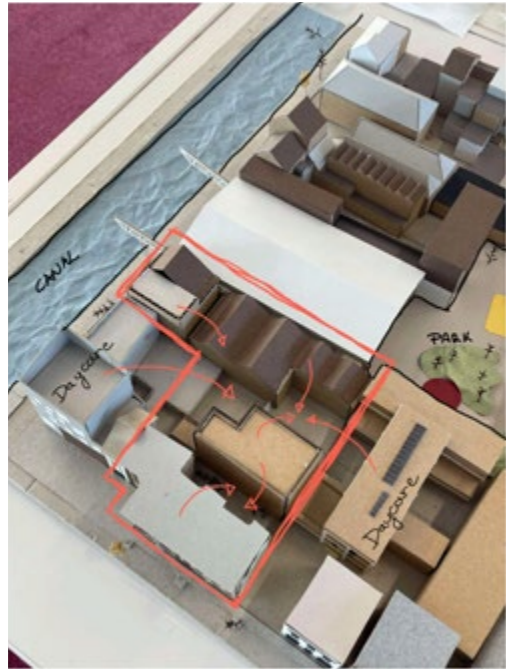




POSITION

Turning Inward





Turning Inwards



Gardens as Rooms



Embracing the Existing



Active Groundfloor



Back as Front

THE PROJECT

Microcosm

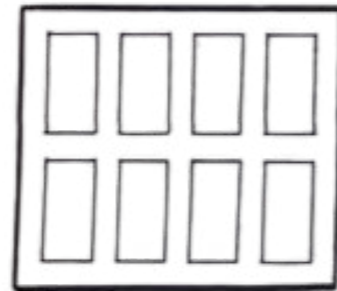
PRINCIPLES

what, why, how?

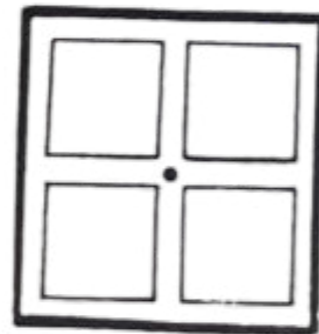
Garden Principles



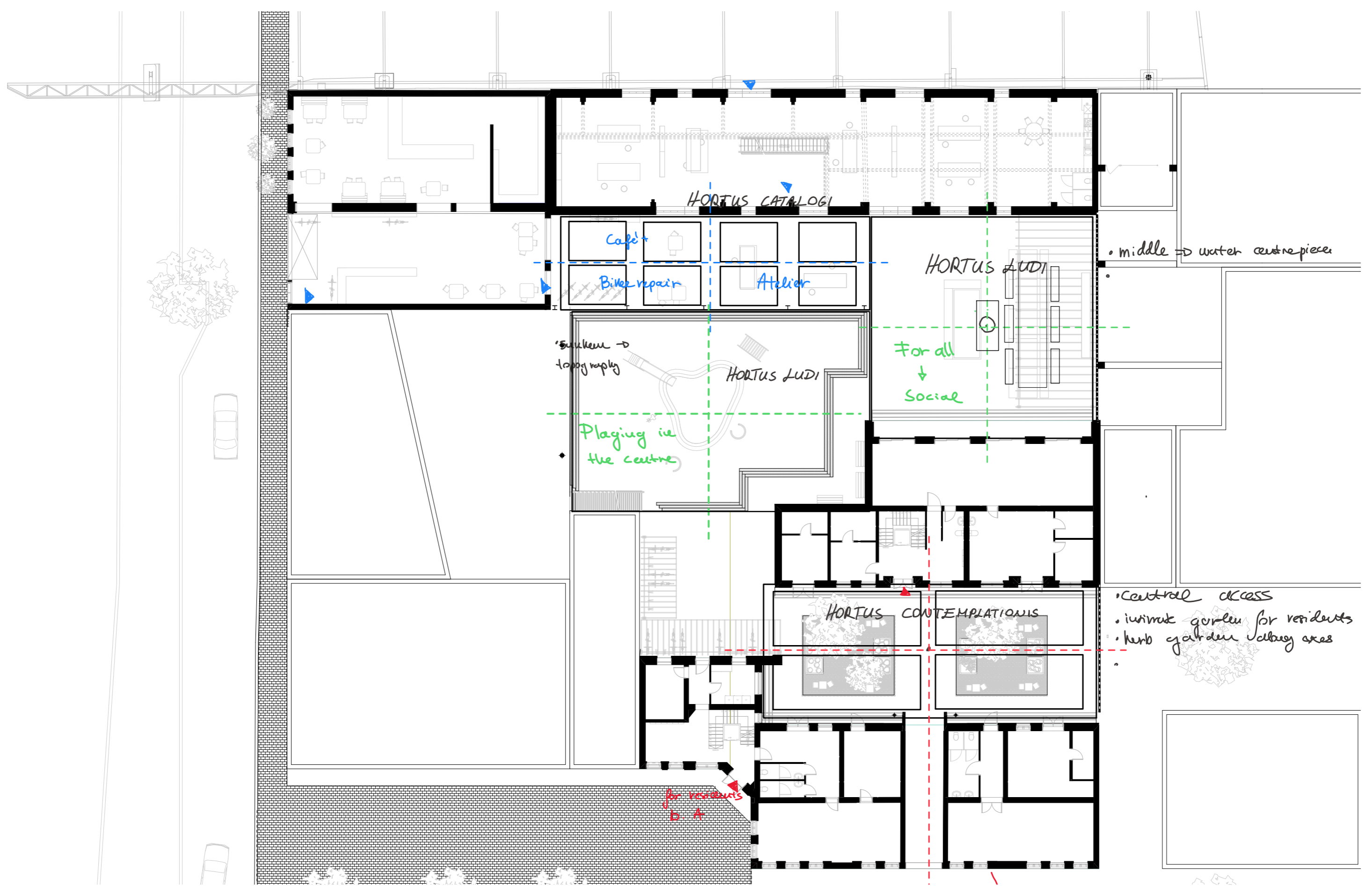
HORTUS LUDI. The aspect of brightness or beauty (of colour) is rendered in the expressive tableau of the hortus ludi, the pleasure garden, paradise as a place of delectation. Intended as a pleasant social space for games or play (ludus), the hortus lud is the garden of courtly life.



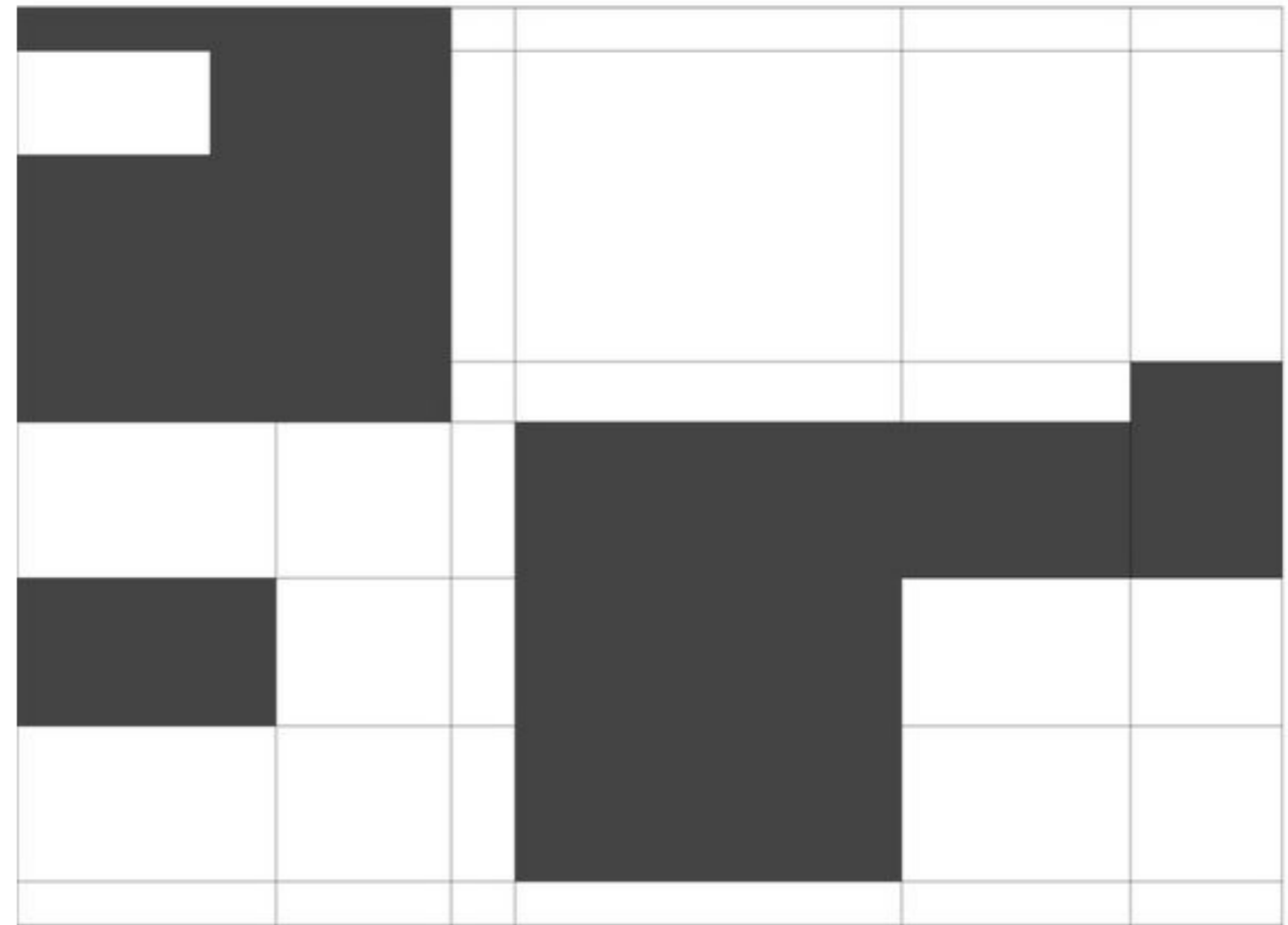
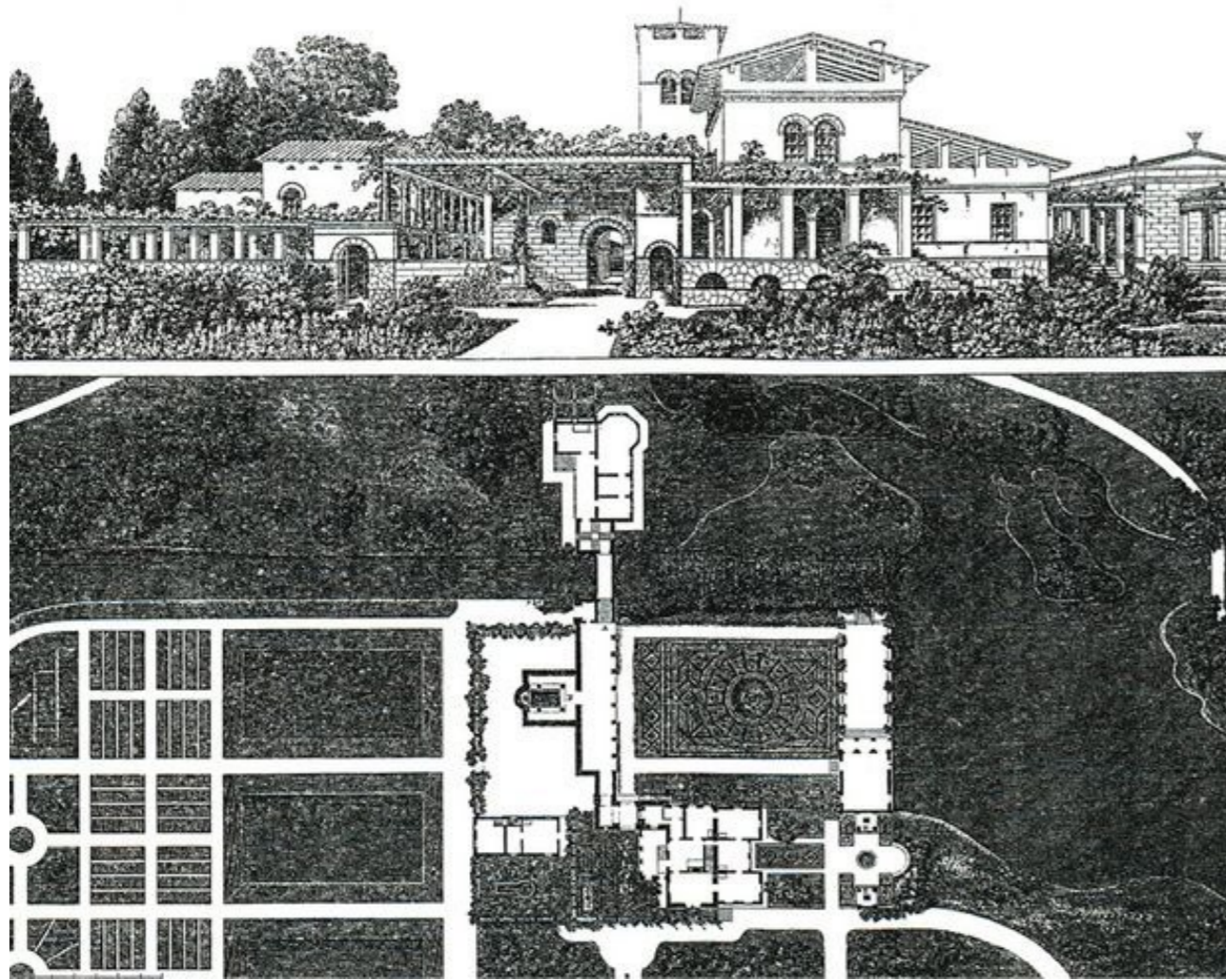
HORTUS CATALOGI. The aspect of due proportion takes prominence in the geometric arrangement of the hortus catalogi In the Late Middle Ages so much was already known of the natural diversity that the arrangement and classification of plant species took on a role in the depiction of paradise. This garden, consisting of rectangular beds and a wall, expressed knowledge and riches for the well-to-do citizenry.



HORTUS CONTEMPLATIONIS. Integrity or perfection can be found in the spatial completeness of the cloister garth or hortus contemplationis, the garden of reflection, which depicted the hierarchy of the Universe with God as its centre. This was a space surrounded by a gallery and with the sky for a ceiling, and the monastery was organized around it.



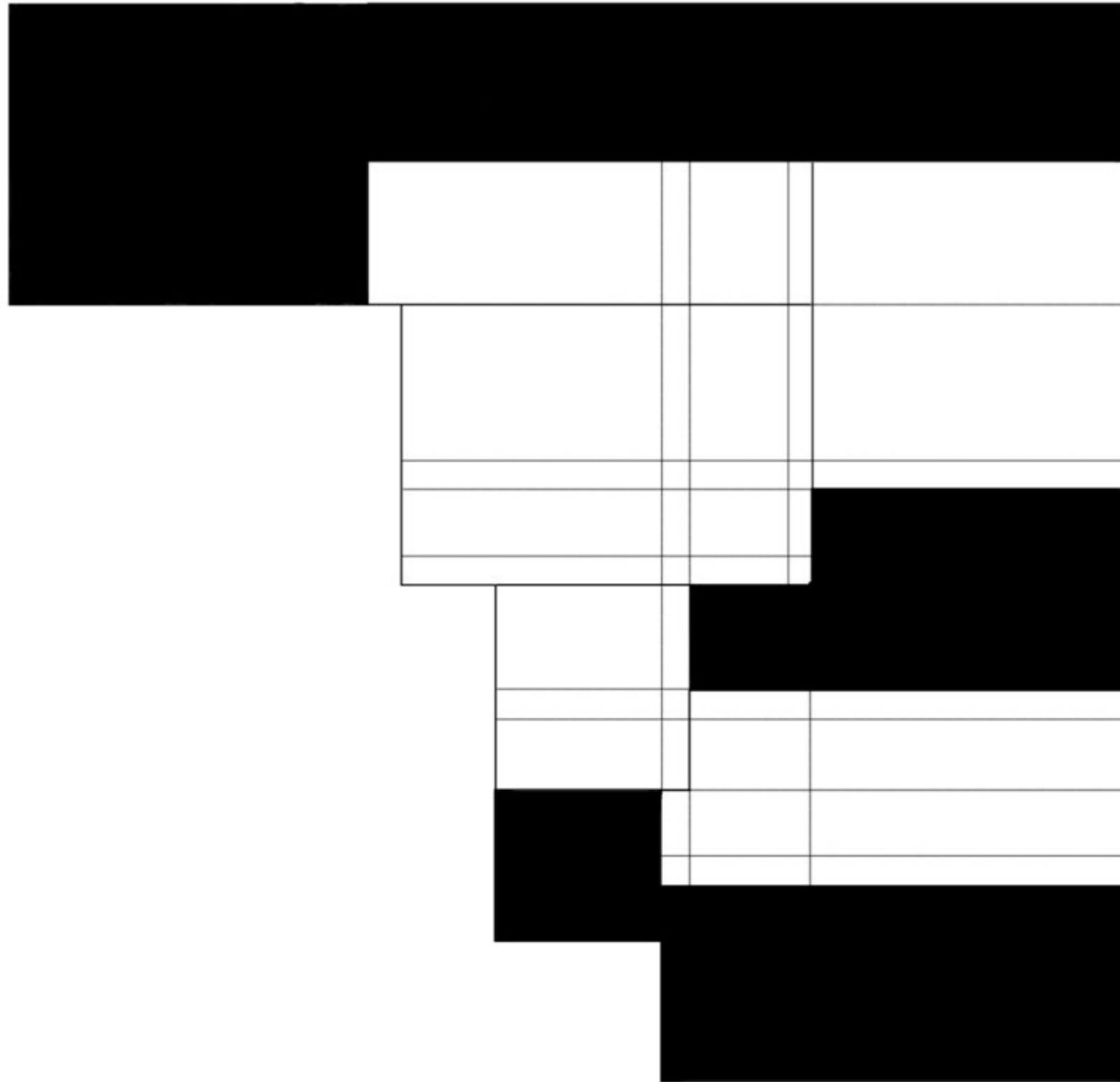
Garden typologies



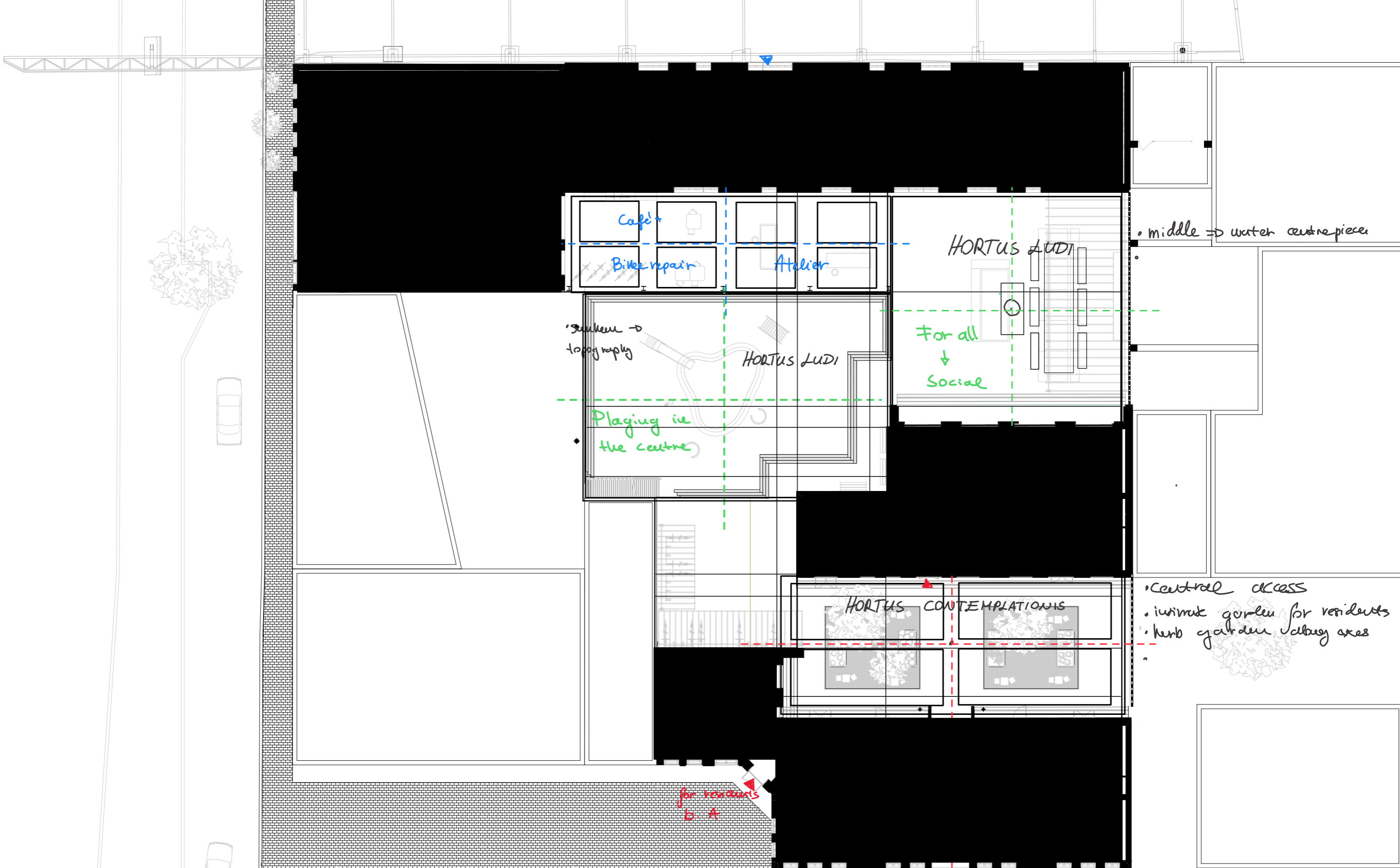
"Geometry

At first sight the ensemble of the roman baths doesn't seem to follow any clear and obvious geometric order. The single elements appear to be rather freely positioned on the site. If you outline the outside borders of the buildings and the single zones you get a system of different big grids and rectangles. The simple geometric forms of the building and their connection to each other separate the open spaces and orientate them to special created views. The simple building types are combined and completed by pergolas and cutouts. "

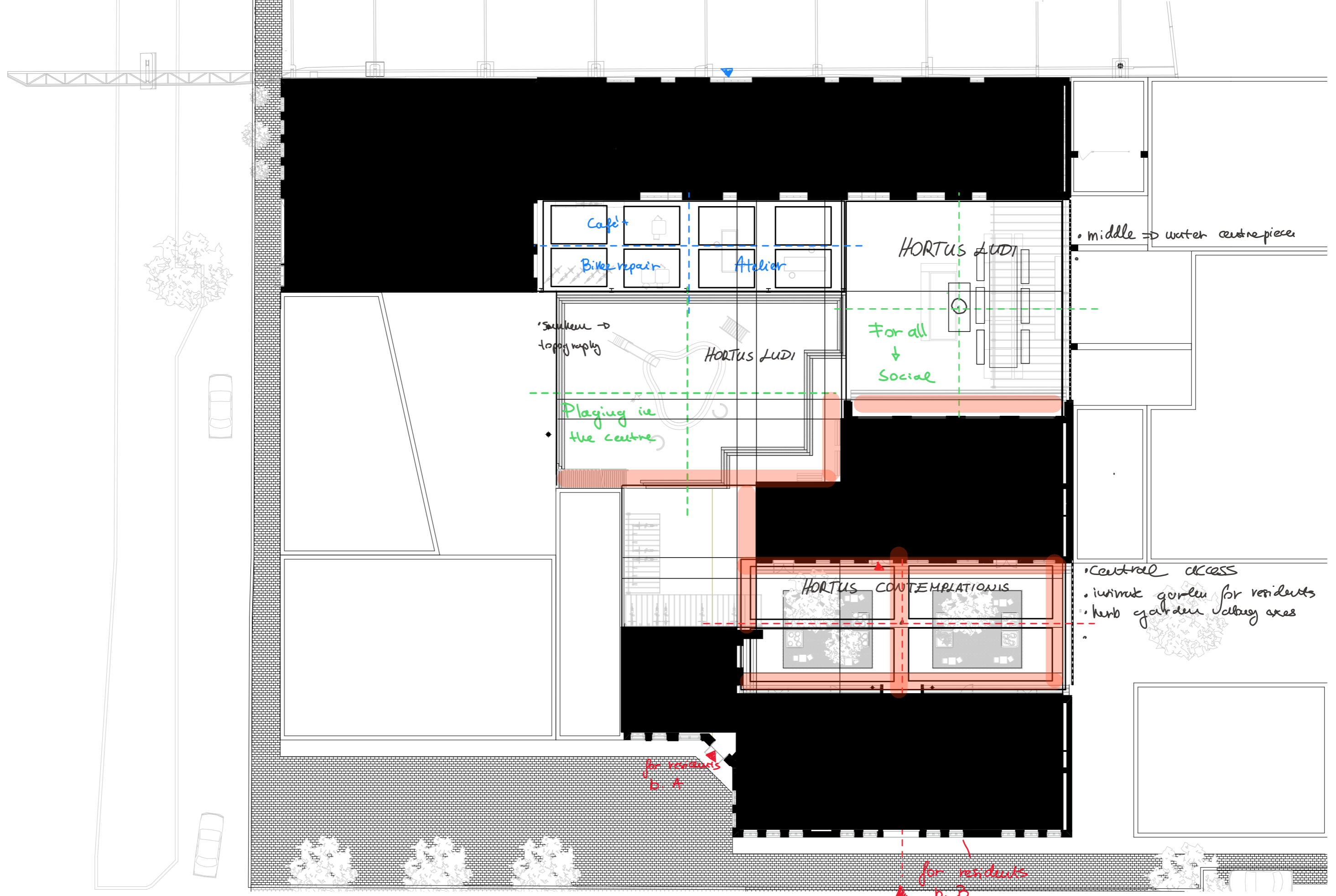
(Bauhaus-Universität Weimar: Analyzing Schinkel - Roman Baths and Gardener House, n.d.)



Schinkel type diagram

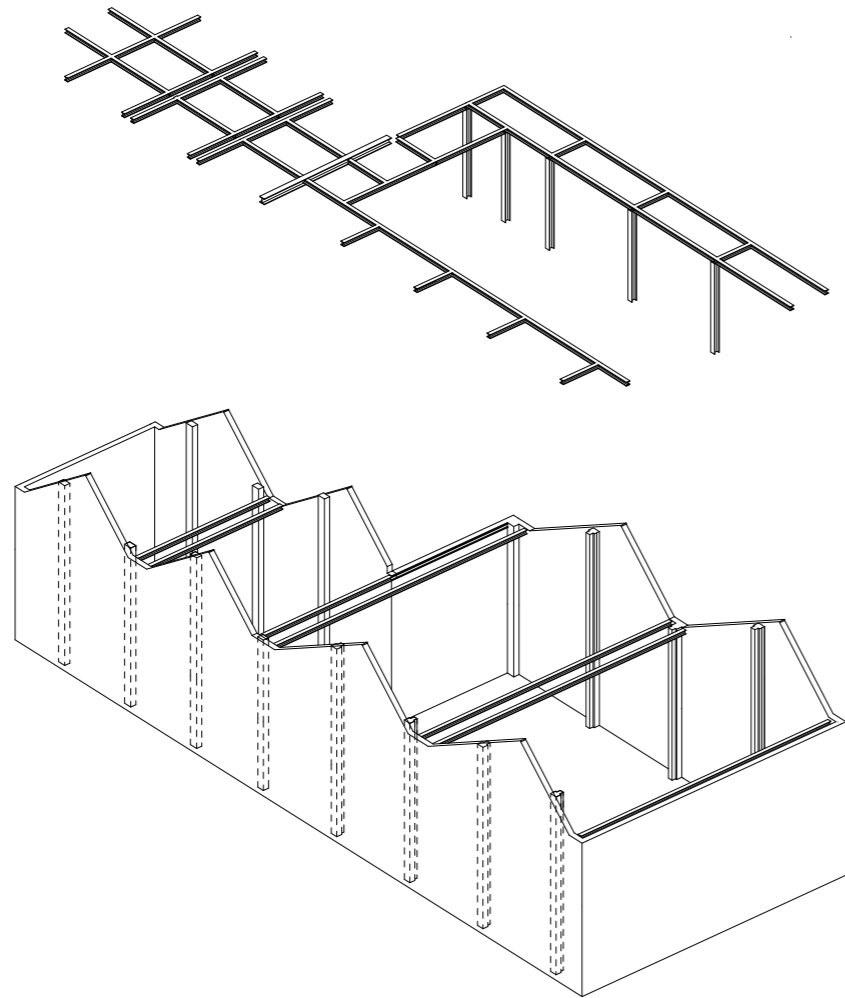


Schinkel & garden typologies combined

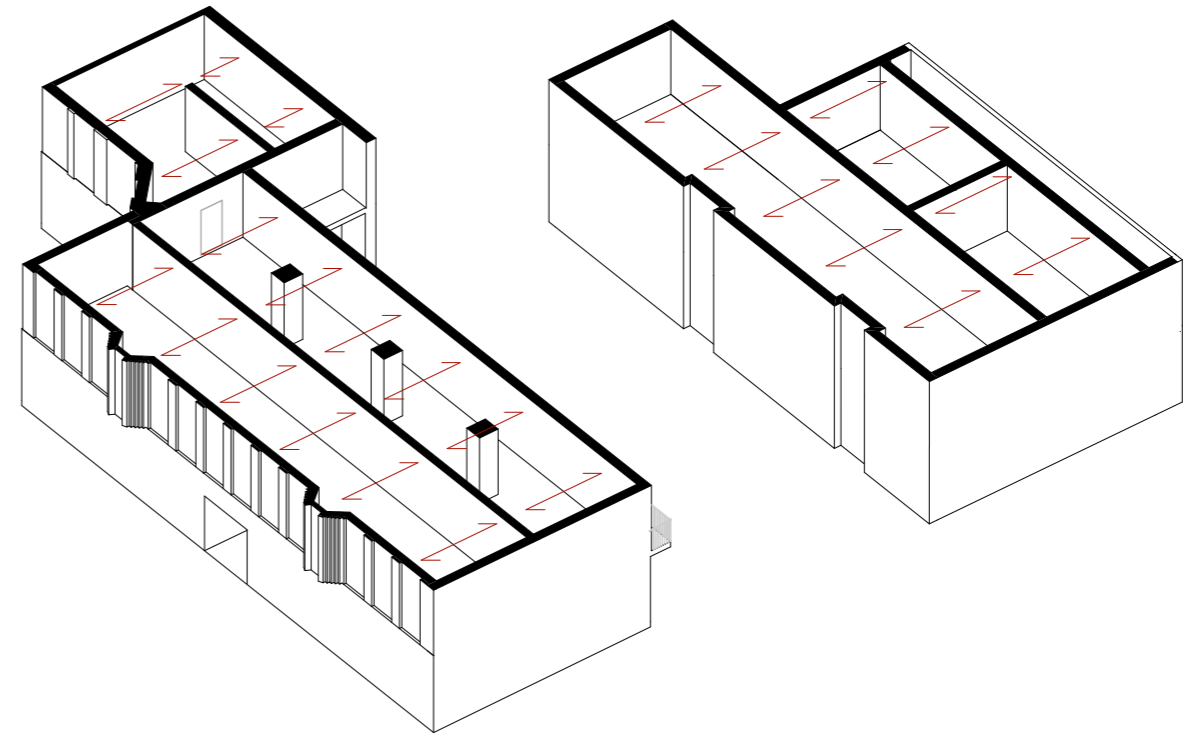


Schinkel & garden typologies combined

Building Principles



Structure Atelier



Structure Residential Buildings

PROCESS & PROJECT

Room After Room

Please open the map that is in the envelope and follow the walkthrough of the project with me.

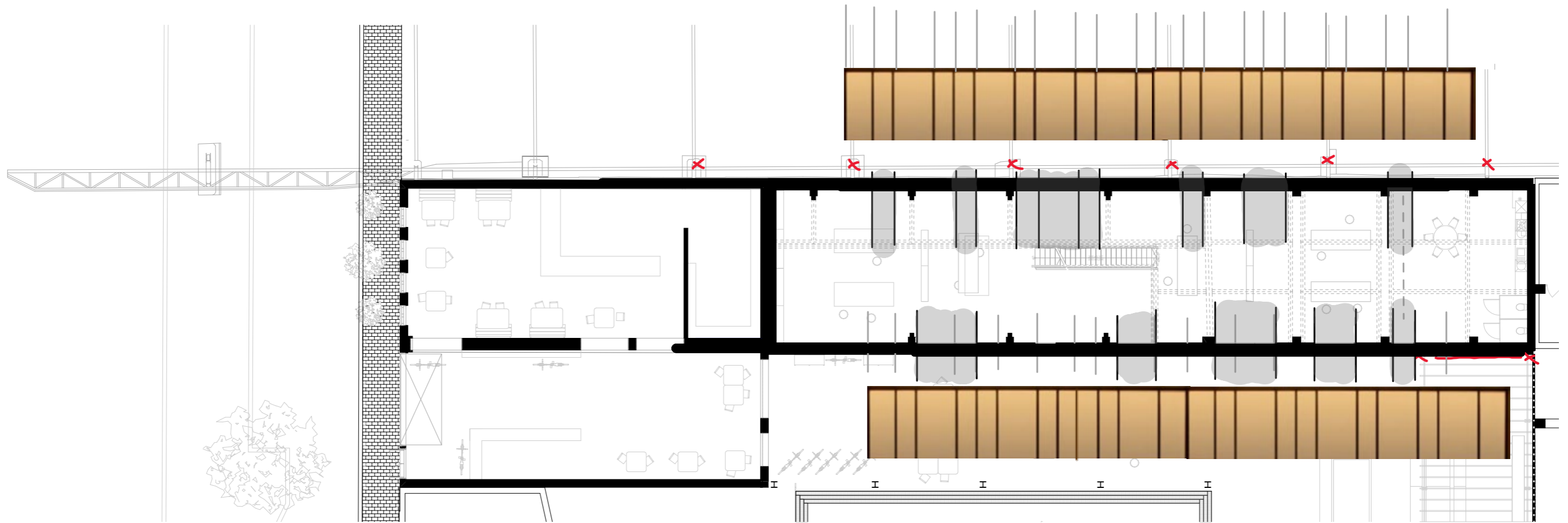
Enjoy!

THE MAKERS - STOP 01

Arriving to the Atelier - Quai de l'Industrie



Atelier building in its current condition. No windows, no doors, just a blank facade.



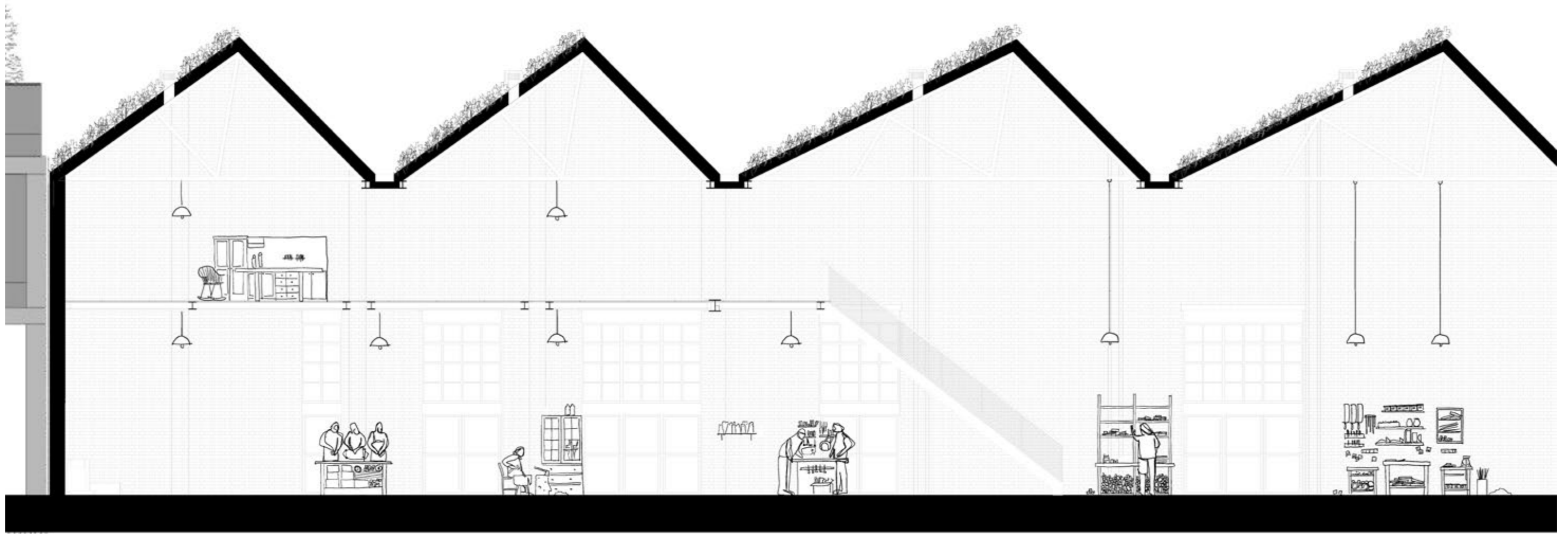
Window rhythm diagram Atelier



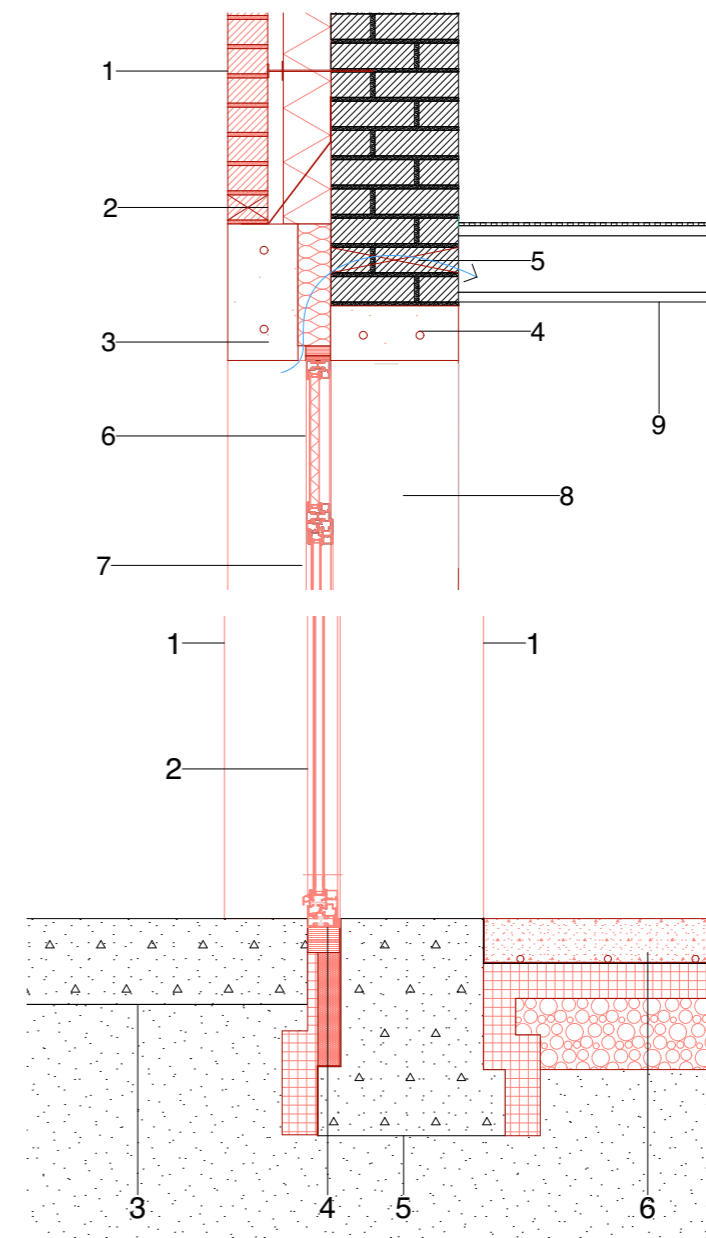
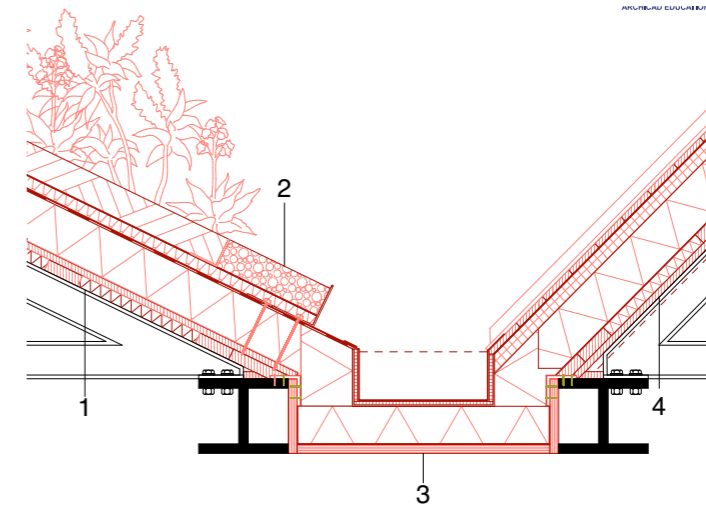
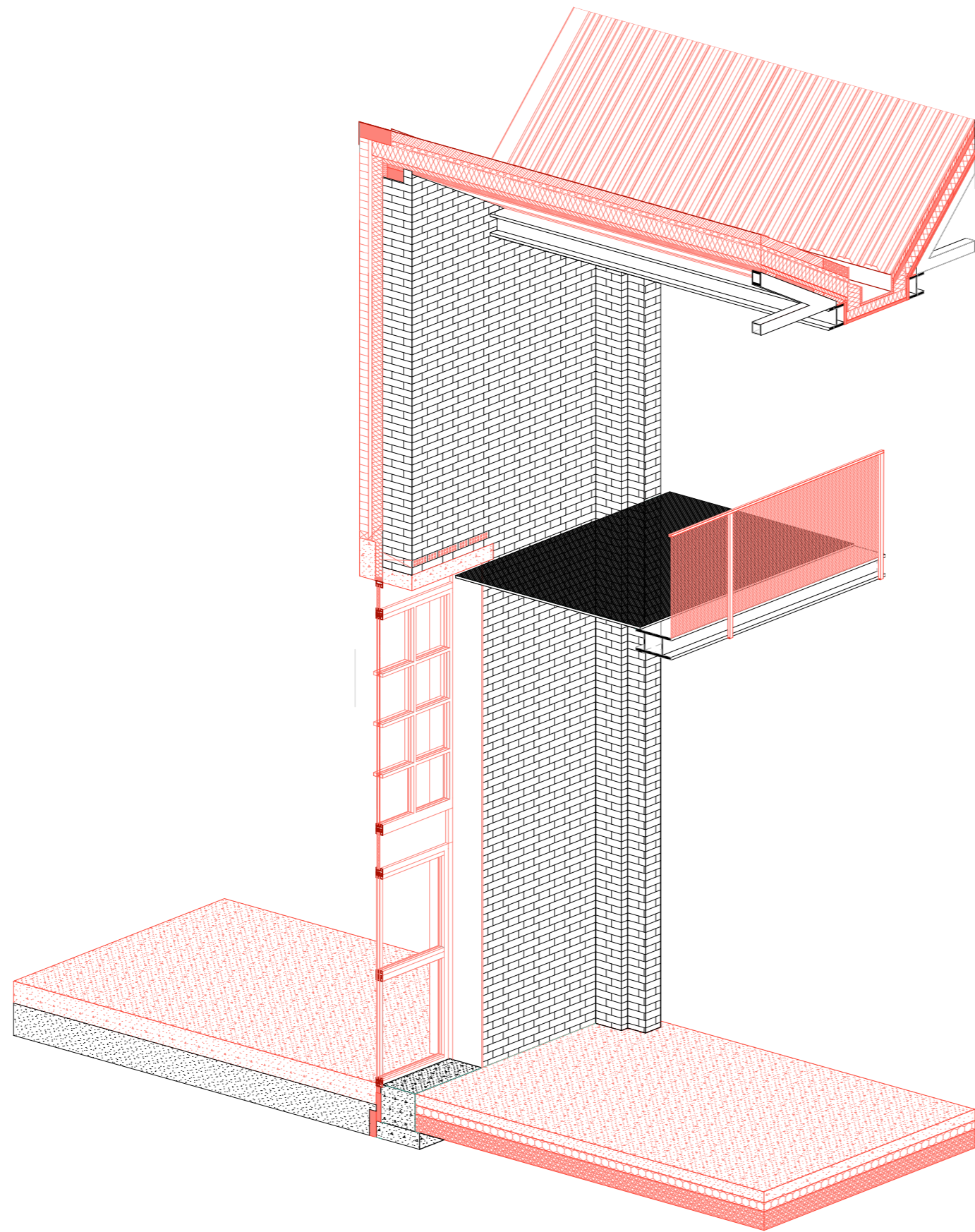
Facade of Atelier - Hall facing

STOP 02

Inside the Atelier



Section of Atelier - Craftsman working inside



STOP 03

The Workers Yard — Hortus Catalogi





Facade of Atelier - Courtyard facing

STOP 04

The Social Court — Hortus Ludi





Photograph of the current condition of the social court. A blind facade of the old atelier building facing the facade of building b. The space has no purpose, no signs of occupation, only nature is taking over.

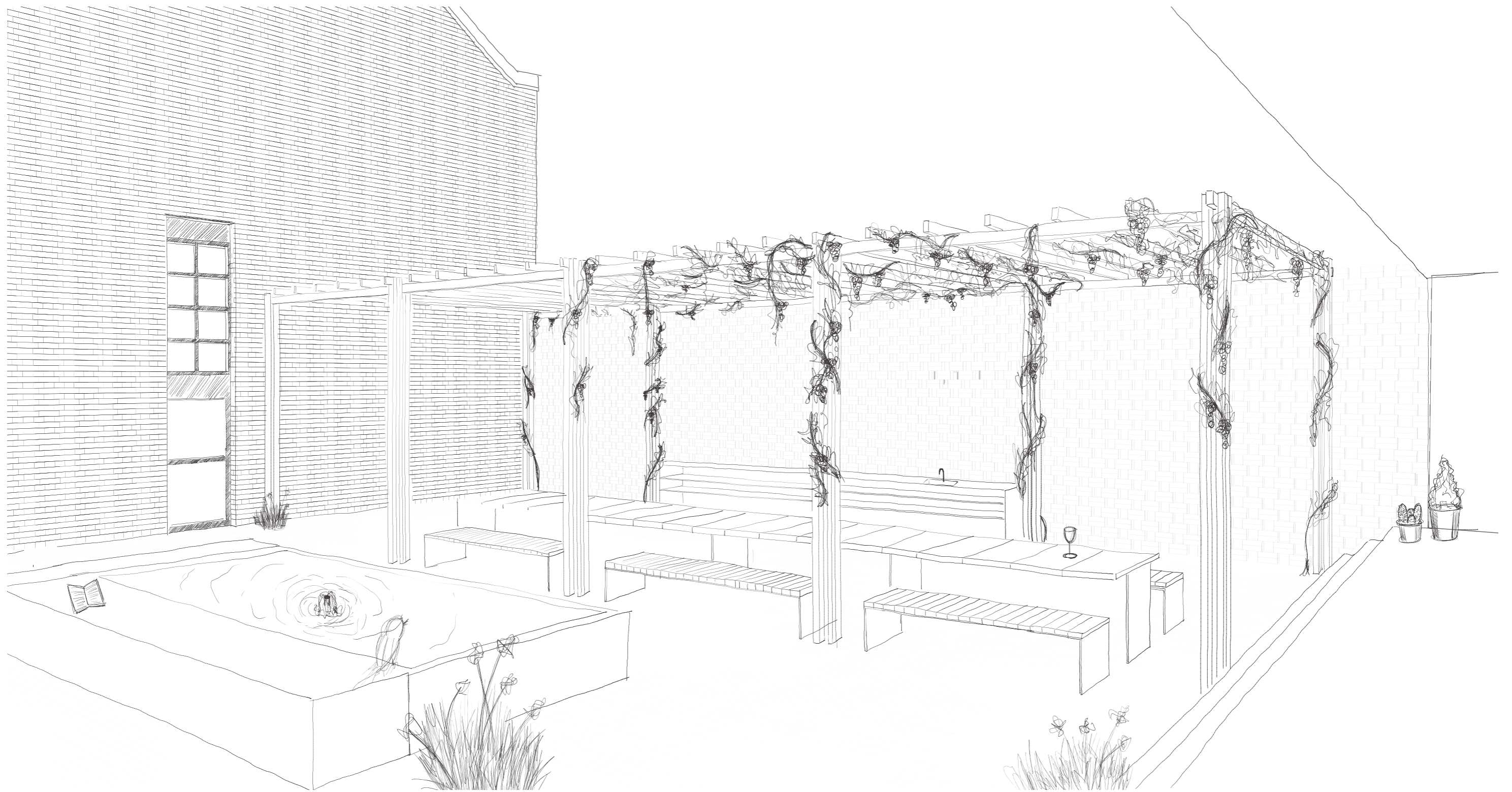


Illustration of the Social Court

THE RESIDENTS - STOP 05 & 08

Building A and B- Façades & Ground Floor



Rue de Liverpool 14-22 facade upon completion. The image shows the beauty and richness of the building in its prime age. Ornament, brickwork and lot of openings define this facade.



Front Facade of Rue de Liverpool 14-22 - Building A



Photograph of the current facade. The image shows the rich architecture and detailing that the building carries. Curved balconies, strong horizontal language, traditional window proportions. Here it was important to respect and work with the existing rather than overwrite it. However, decay and neglect is also visible. The decision was made to treat this building with delicacy, respect the old, and what Francois once envisioned, and only change a few things that build on the art deco legacy.



Back Facade of Rue de Liverpool 14-22 - Building A



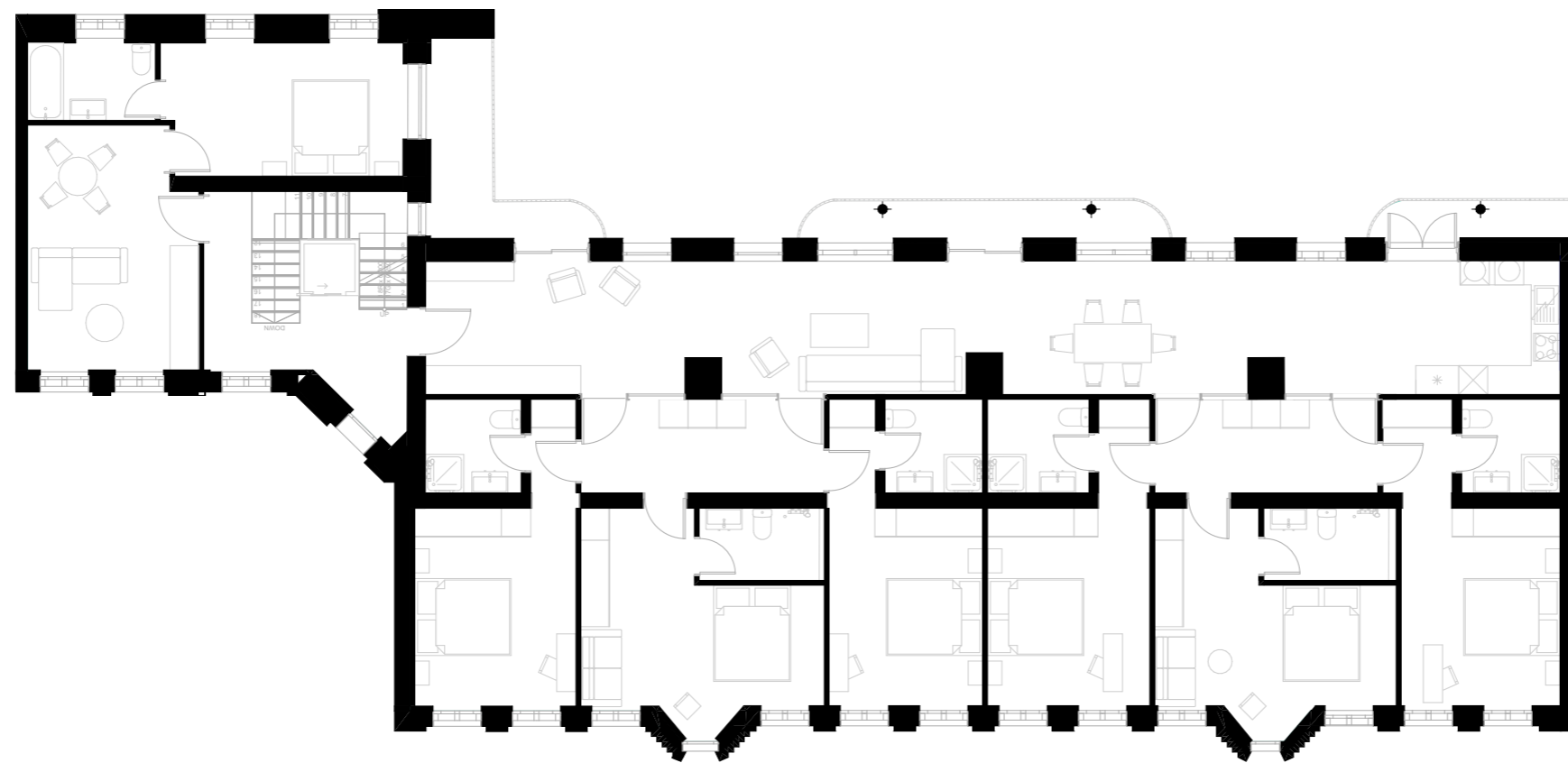
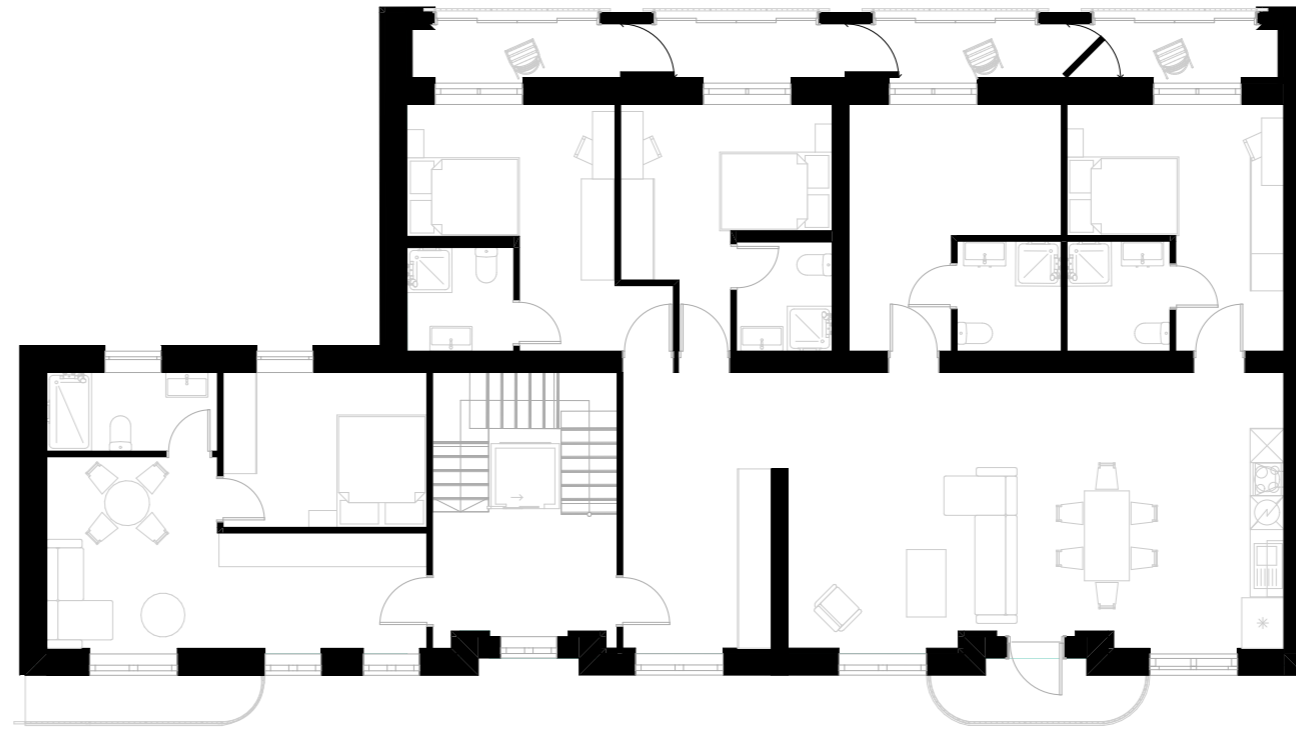
Photograph of the current state of building B's facade that is facing the resident's court. The façade shows rich character and strong architectural expressions. Similar to building a, but different. Vertical and horizontal elements like cornice and the windows above the doors, dictate the character of the facade. Here as well, it was important to respect the old facade and refurbish rather than erase. Modernisation is needed though, signs of decay are visible.



Front Facade - Building B

STOP 06 & 09

Building A and B — The Residential Floors



Residential Floor plans - Building A & B





Illustration of Collective Living Room



Photograph of the converted balcony of building B. This narrow space used to be a terrace, that was made into an indoor space over the course of the years. This narrow space has potential to become a meaningful part of the overall design if done correctly.



Photograph of the current state of building B's facade that is facing the social court. The facade here is completely different compared to the previous ones. A cheap modification that happened over time, but something that gives more flexibility to work with. The big windows are intriguing and receive lots of light in the afternoon hours. This facade used to have balconies where the big windows are located but they were converted into indoor spaces by the residents.



Facade Building B - Balconies are closed and opened

STOP 07

*The Resident's Garden - Hortus Contemplationis
together with Building A & B*



Photograph of the current state of the resident's garden. Feels cold and underoccupied. The courtyard is rather narrow but the daylight manages to enter into it.



Section through Building A & B showing the Resident's Garden

STOP 10

Arriving to the Social Court again -

The End of the Residents' journey

THE NEIGHBOURS - STOP 11

The Children's Court - Hortus Ludi





Illustration of the Sequences - Gardens, Facades

THE NEIGHBOURS - STOP 12

Last stop - End of the Tour

ZOOMING OUT

Turning Outwards

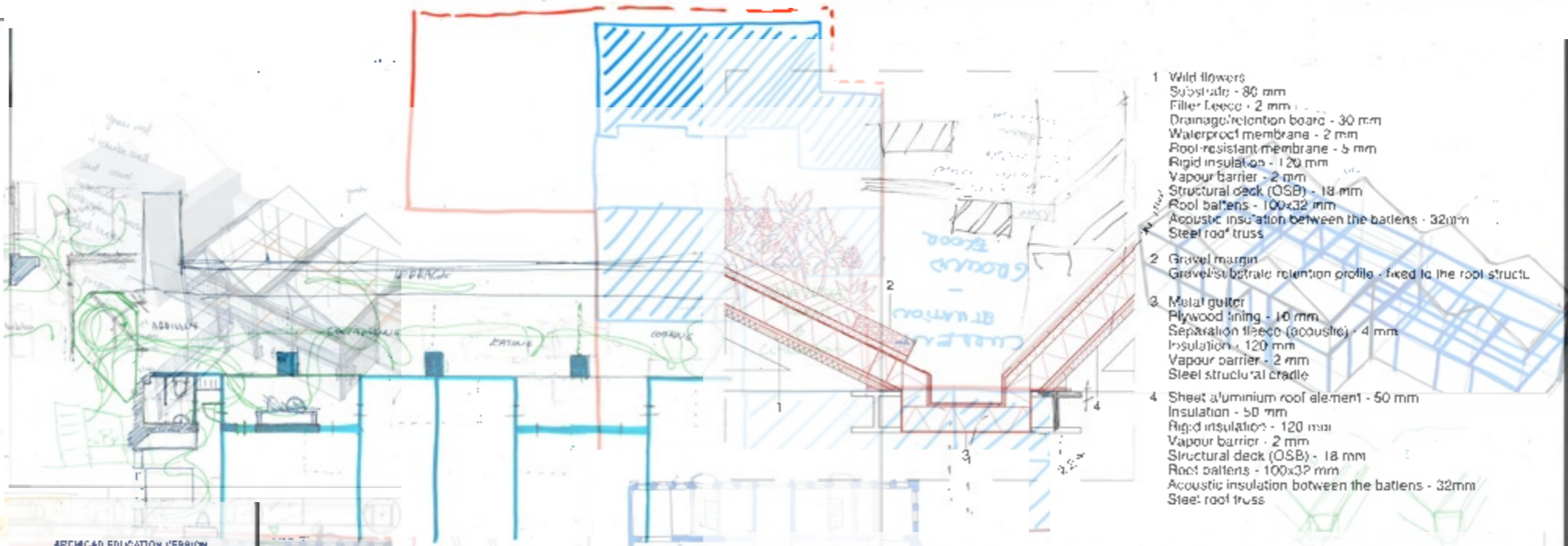
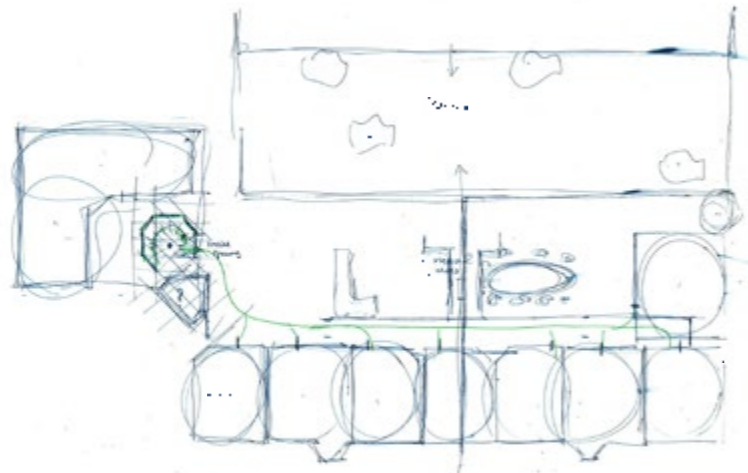


Masterplan in Urban Context

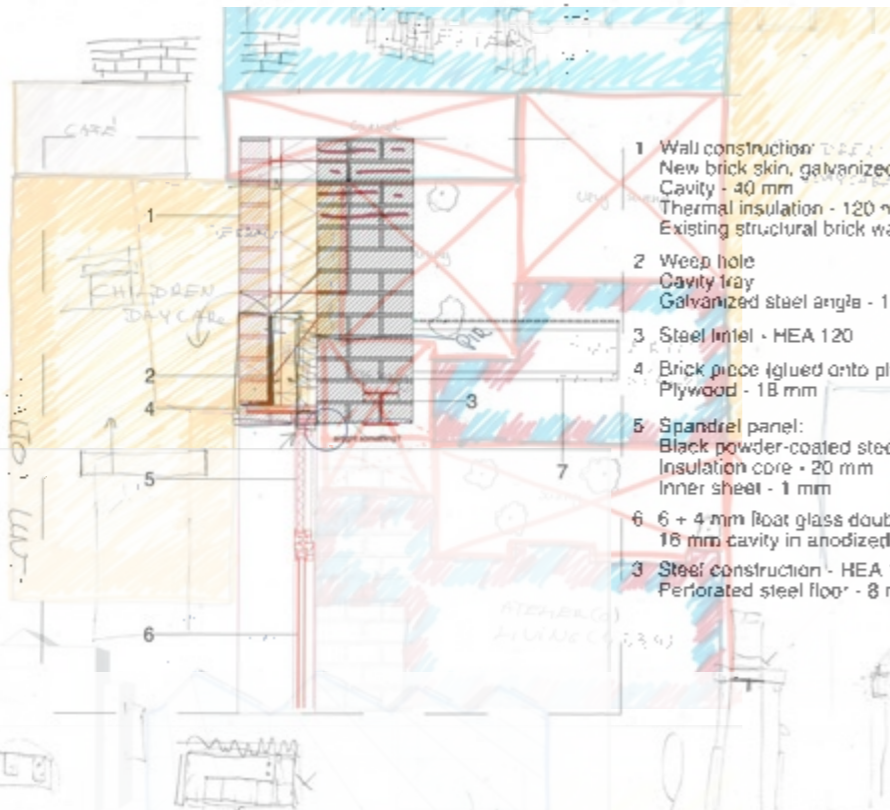
REFLECTION

Process, challenges, lessons

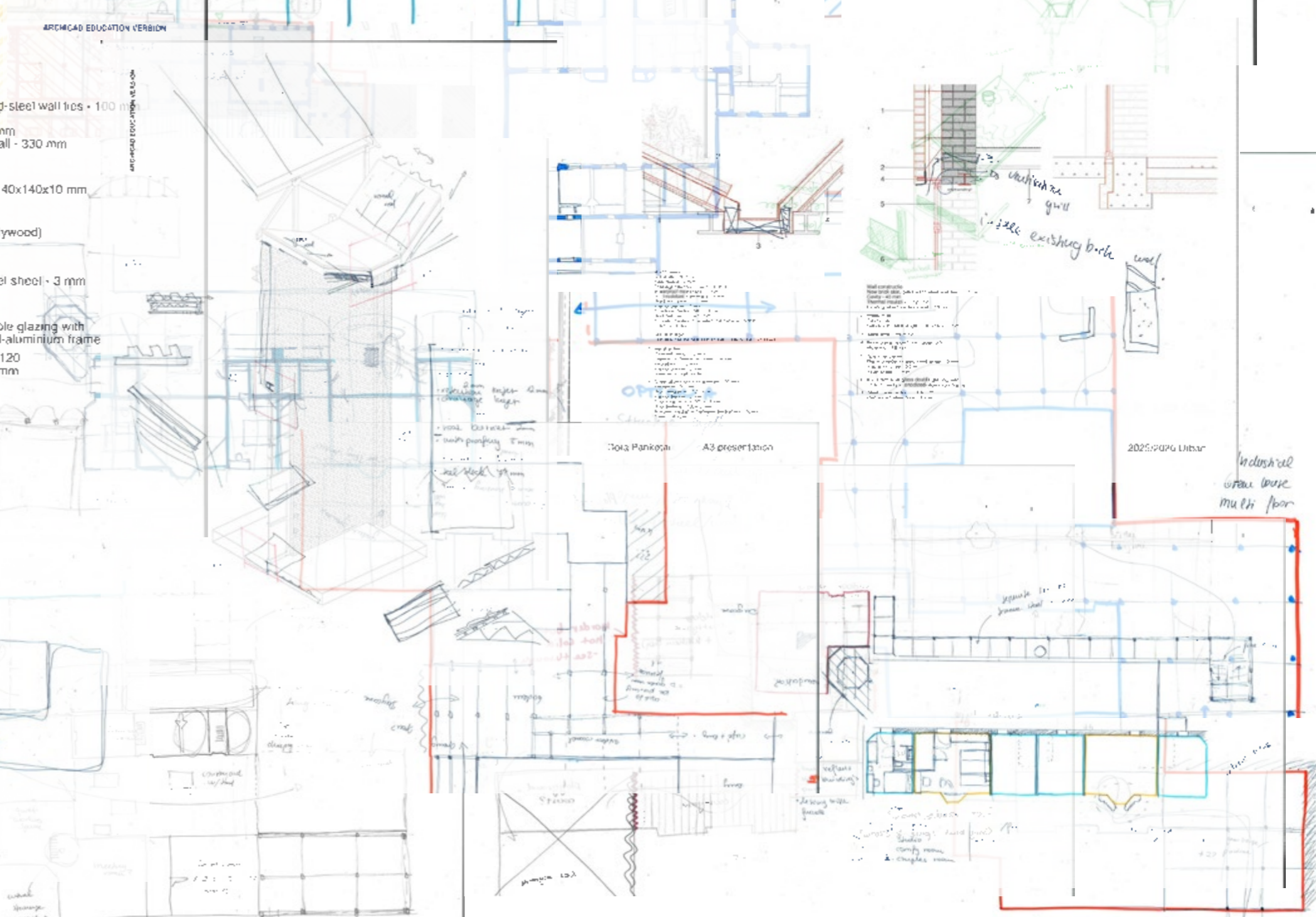




- 1 Wild flowers
Substrate - 80 mm
Filter fleece - 2 mm
Drainage/retention board - 30 mm
Waterproof membrane - 2 mm
Roof-resistant membrane - 5 mm
Rigid insulation - 120 mm
Vapour barrier - 2 mm
Structural deck (OSB) - 18 mm
Roof battens - 100x32 mm
Acoustic insulation between the battens - 32mm
Steel roof truss
- 2 Gravel margin
Gravel/substrate retention profile - fixed to the roof structL
- 3 Metal gutter
Plywood lining - 10 mm
Separation fleece (acoustic) - 4 mm
Insulation - 120 mm
Vapour barrier - 2 mm
Steel structural cradle
- 4 Sheet aluminium roof element - 50 mm
Insulation - 50 mm
Rigid insulation - 120 mm
Vapour barrier - 2 mm
Structural deck (OSB) - 18 mm
Roof battens - 100x32 mm
Acoustic insulation between the battens - 32mm
Steel roof truss



- 1 Wall construction
New brick skin, galvanized-steel wall ties - 100 mm
Cavity - 40 mm
Thermal insulation - 120 mm
Existing structural brick wall - 330 mm
- 2 Weep hole
Cavity tray
Galvanized steel angle - 140x140x10 mm
- 3 Steel lintel - HEA 120
- 4 Brick piece (glued onto plywood)
Plywood - 18 mm
- 5 Spandrel panel:
Black powder-coated steel sheet - 3 mm
Insulation core - 20 mm
Inner sheet - 1 mm
- 6 6 + 4 mm float glass double glazing with
18 mm cavity in anodized-aluminium frame
- 7 Steel construction - HEA 120
Perforated steel floor - 8 mm



Dora Pankotai A3 presentation

Industrial
Steel base
Multi floor

THANK YOU!

Questions?