

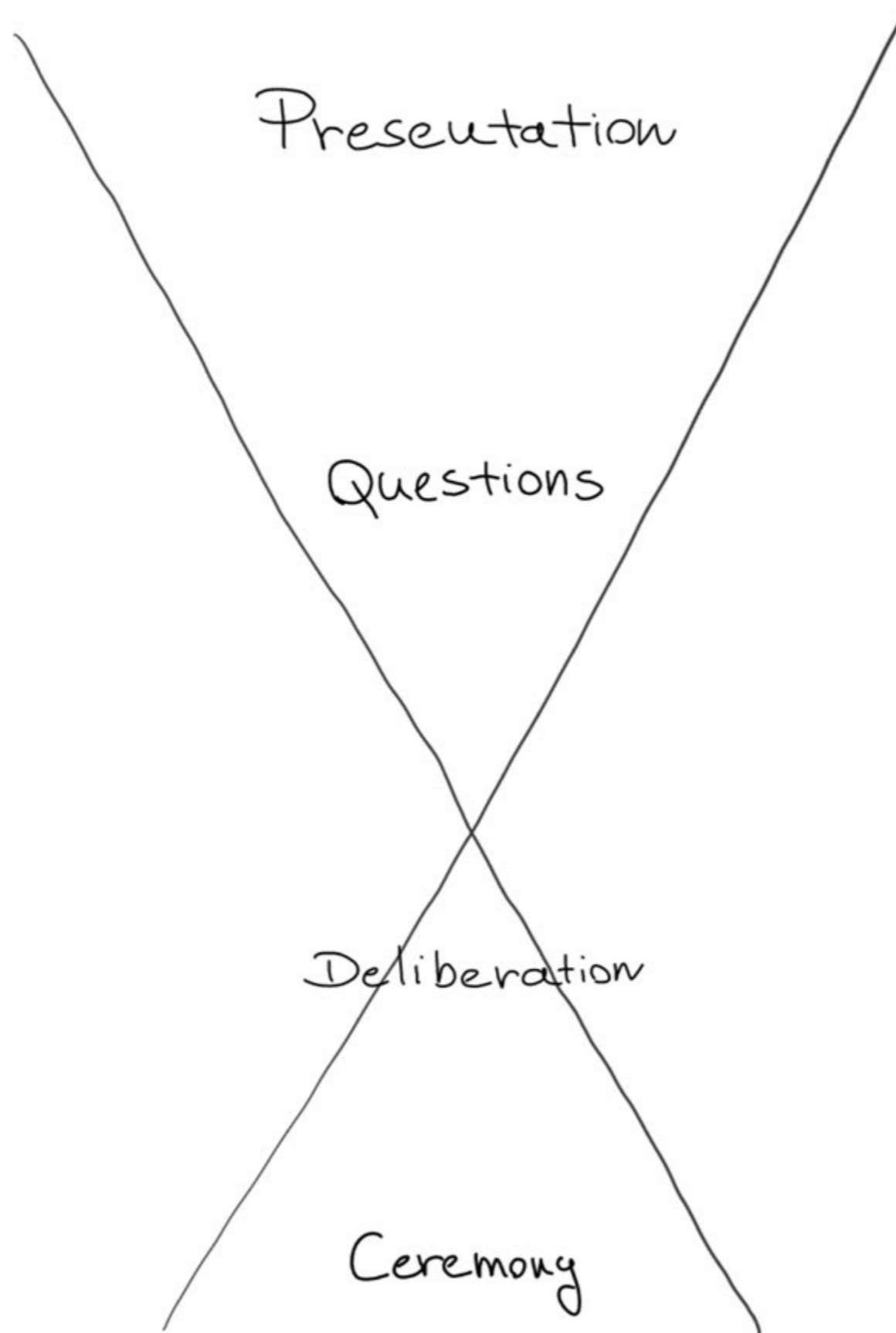
# Rooms

# In

# Sequence

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

# SETUP



# STUDIO

*This year's assignment*



# HEYVAERT

*The project area*



# RESEARCH

*Methods*



Observing



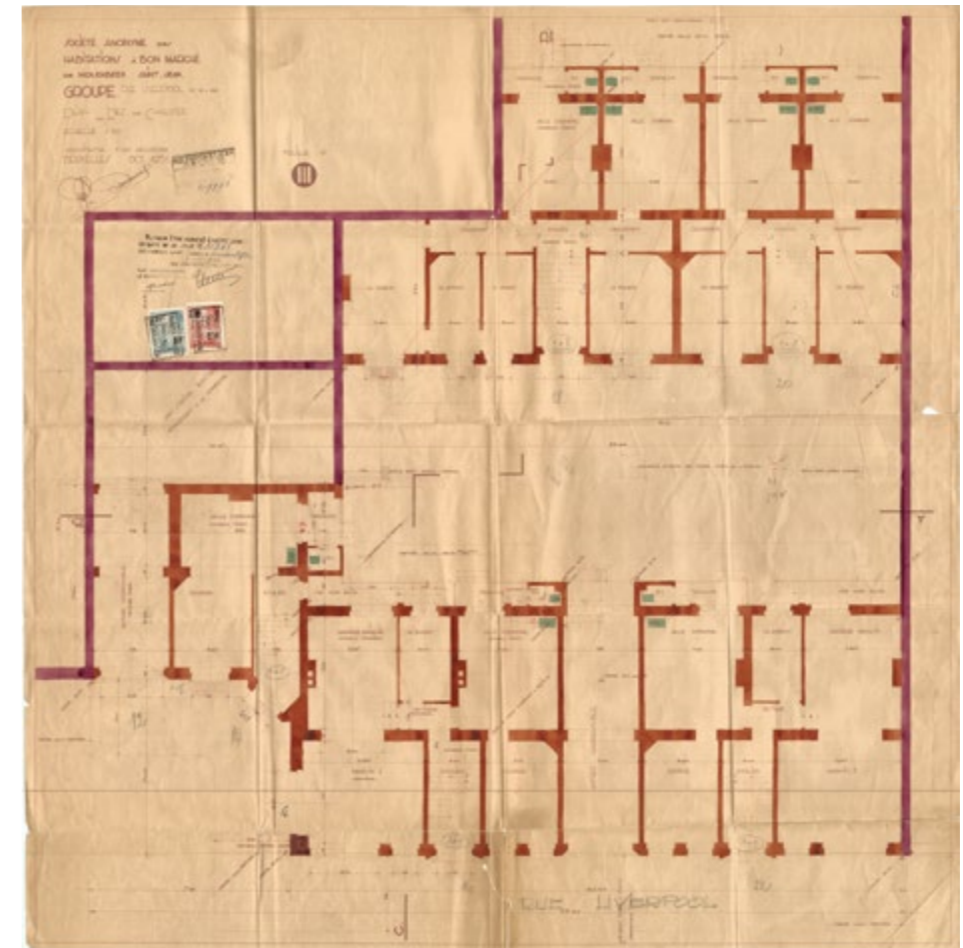
Modelling



Counting



Analysing

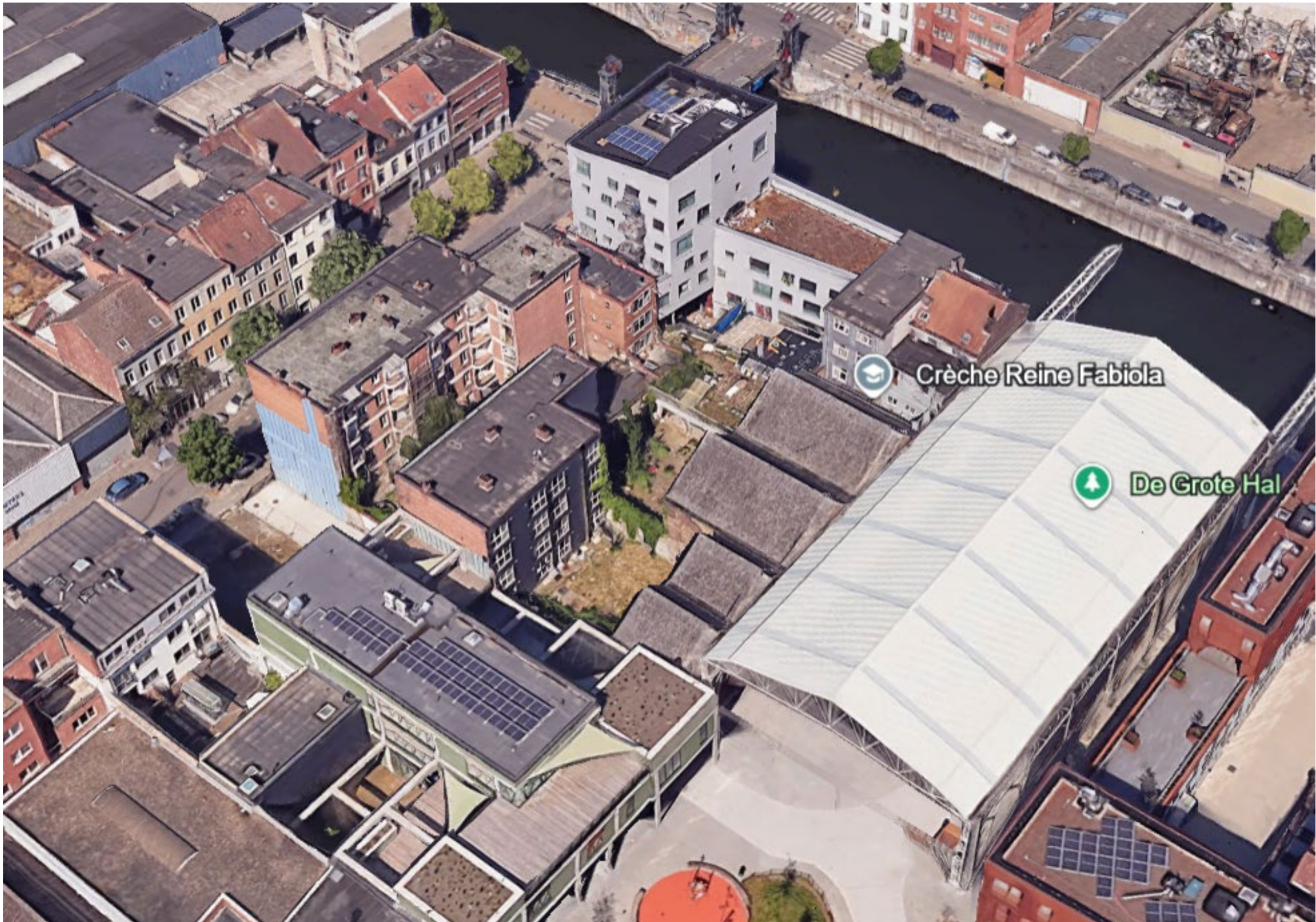


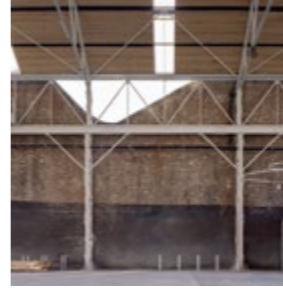
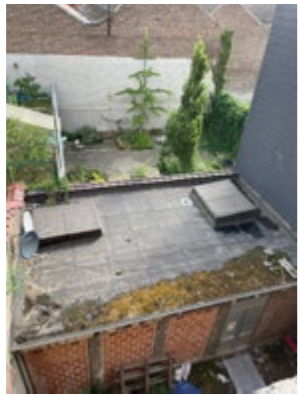
Archival research

# SITE

*Three Buildings, Four Gardens*

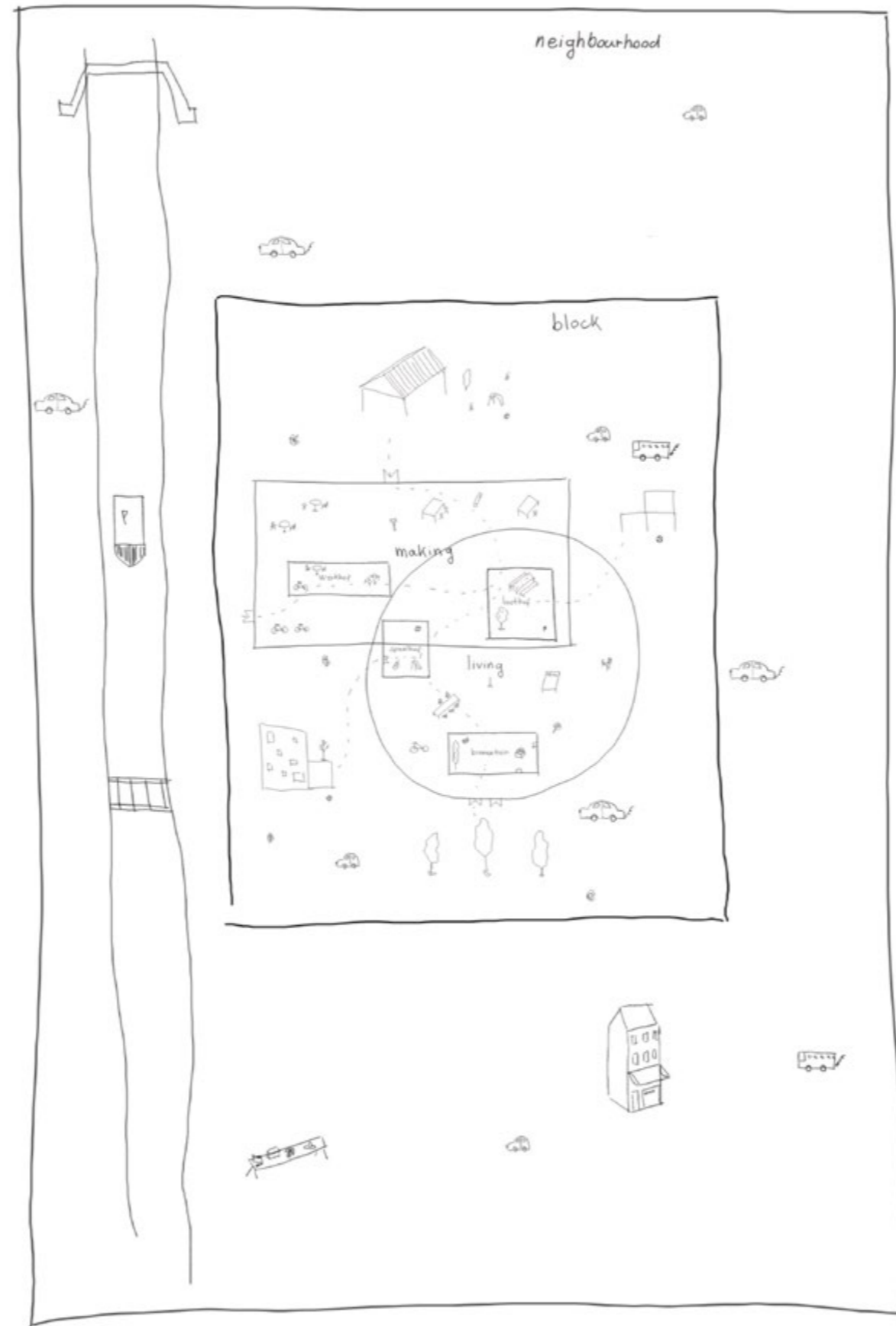






# POSITION

*Concept of the Design*



# THE PROJECT

## *Microcosm:*

*a miniature representation of a larger entity, system, or society.*

*From the Greek words mikros kosmos, meaning “little world”.*

# GUIDING FRIENDS

*what, why, how?*



Karl F. Schinkel

The Gardener's House



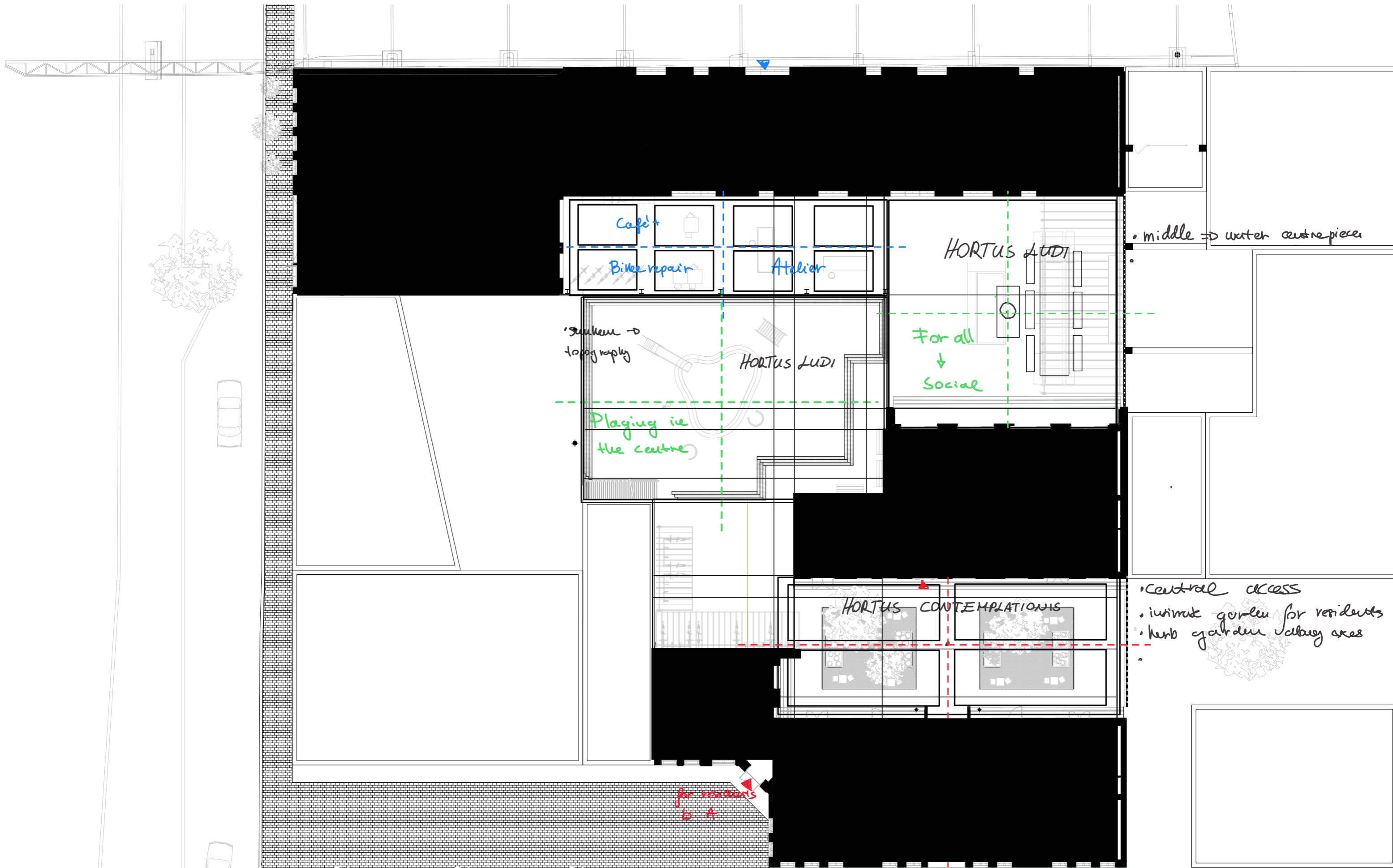
Saskia de Wit

The Enclosed Garden



Paul Klee

Castle and Sun, drawings



# PROCESS & PROJECT

*Room After Room*

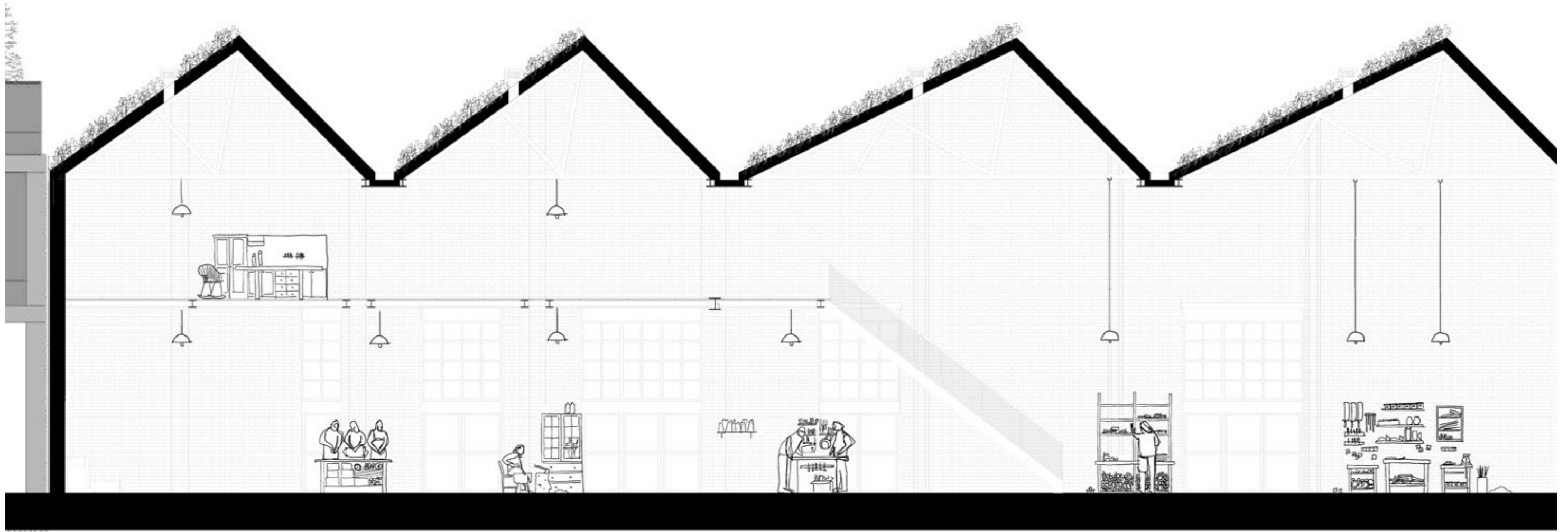
*Please come closer and let me explain the project through the model!*

# THE MAKERS

*Arriving to the Atelier - Quai de l'Industrie*



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



Section of Atelier - Craftsman working inside

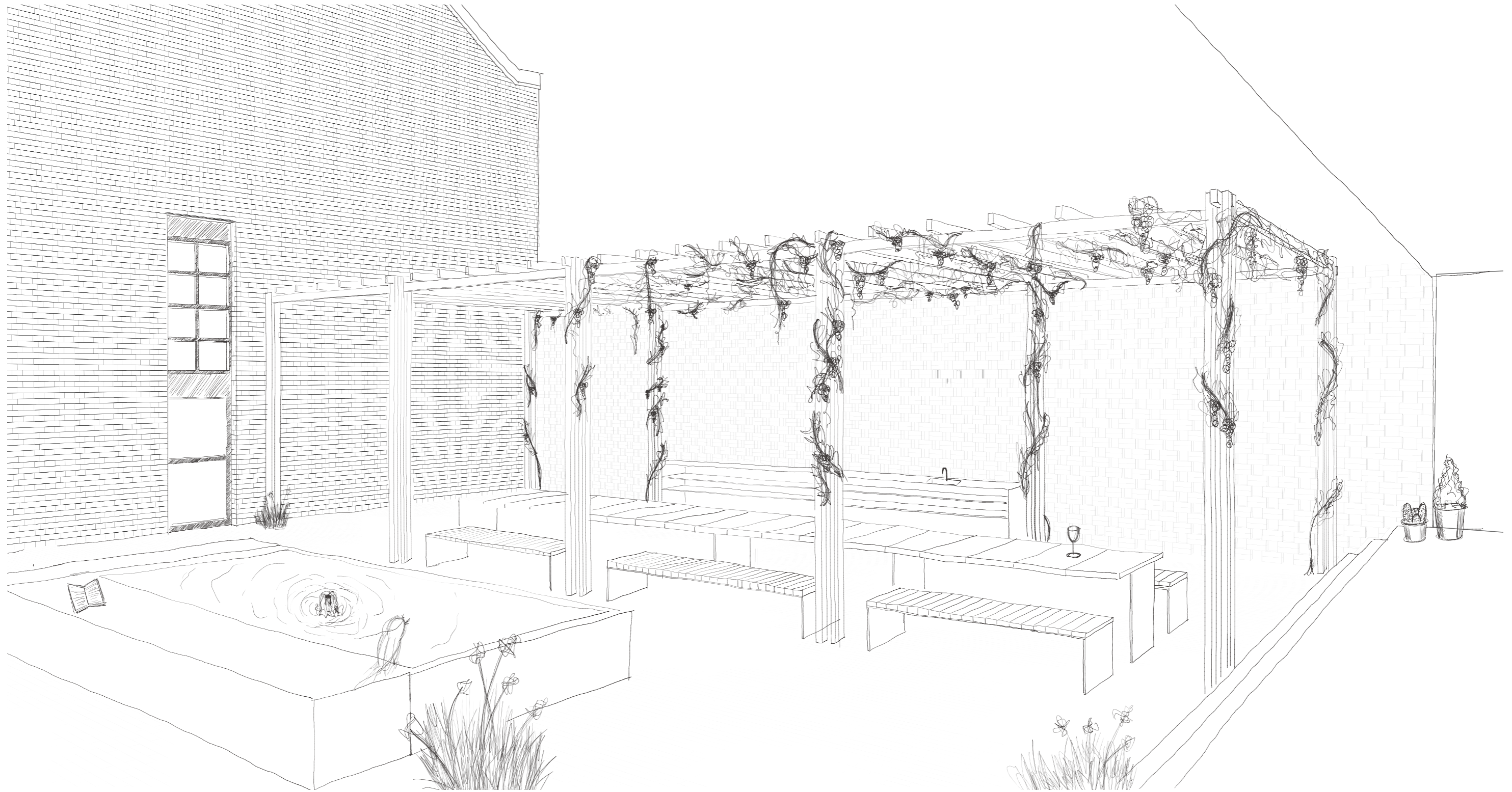


Illustration of the Social Court

# THE RESIDENTS

*Arriving to the Residentail Buildings - Rue de Liverpool*



Rue de Liverpool 14-22 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.



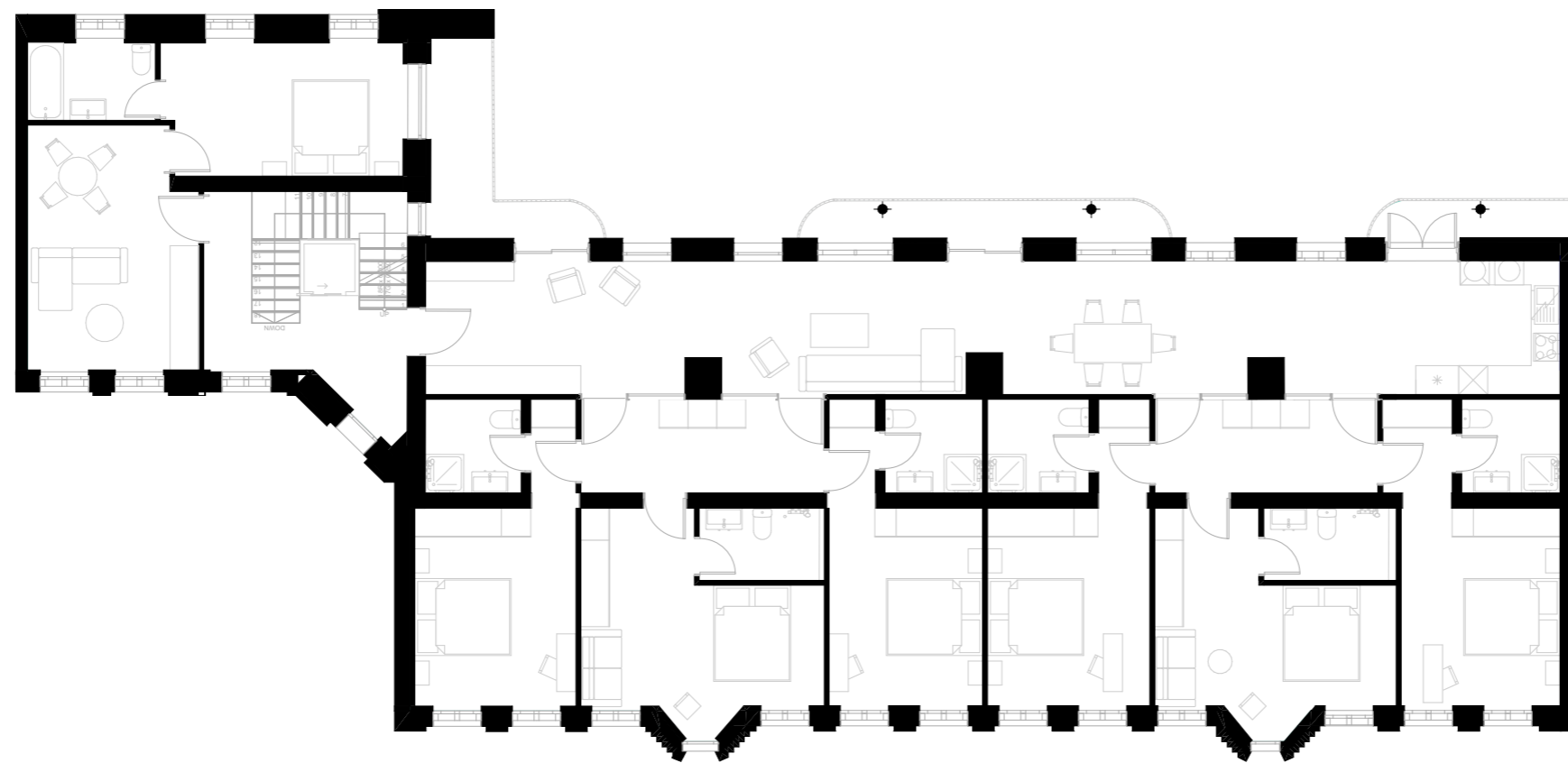
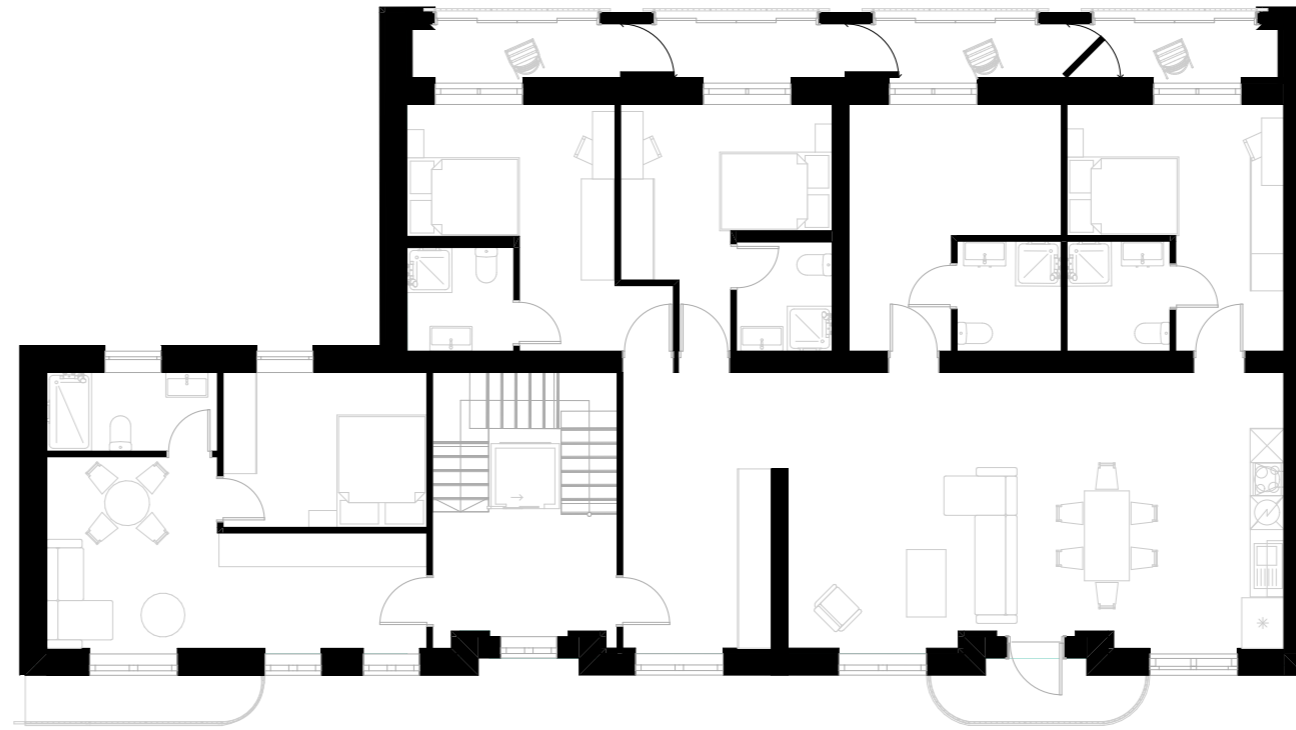
Photograph of the current facade. The image shows the rich architecture and detailing that the building carries.



Photograph of the current state of building B's facade that is facing the resident's court. The building shows rich character and strong architectural expressions.



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.



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.



Photograph of the current state of building B's facade that is facing the social court. The building 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. T



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





Illustration of the Sequences - Gardens, Facades

# ZOOMING OUT

*Bigger Picture*

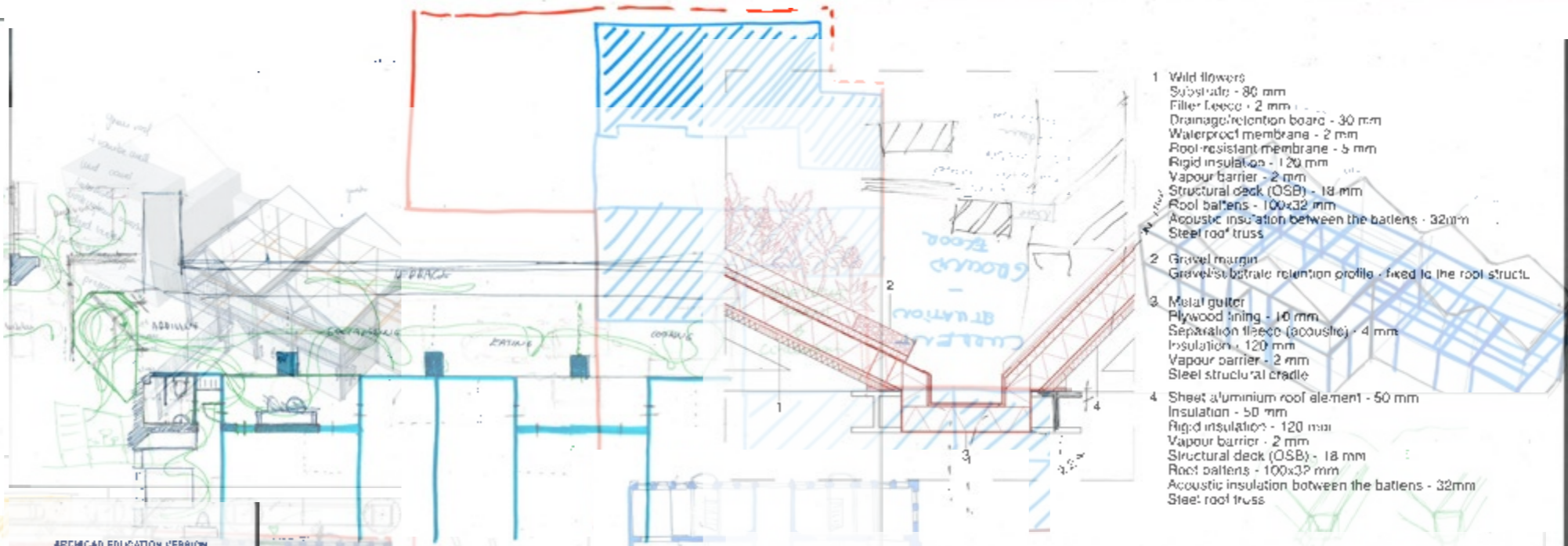
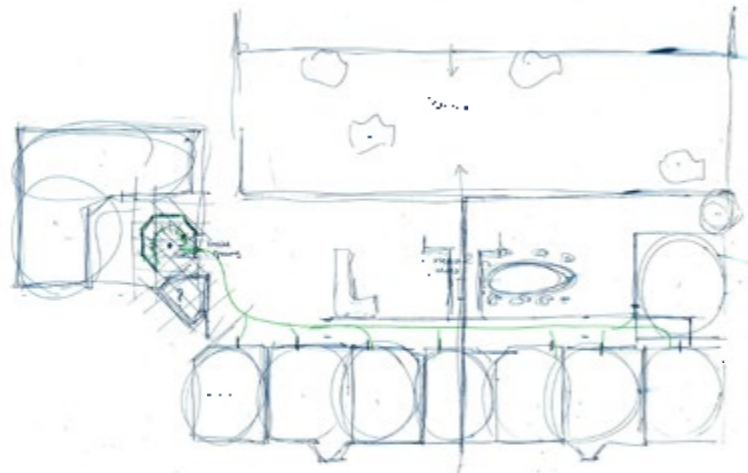


Masterplan in Urban Context

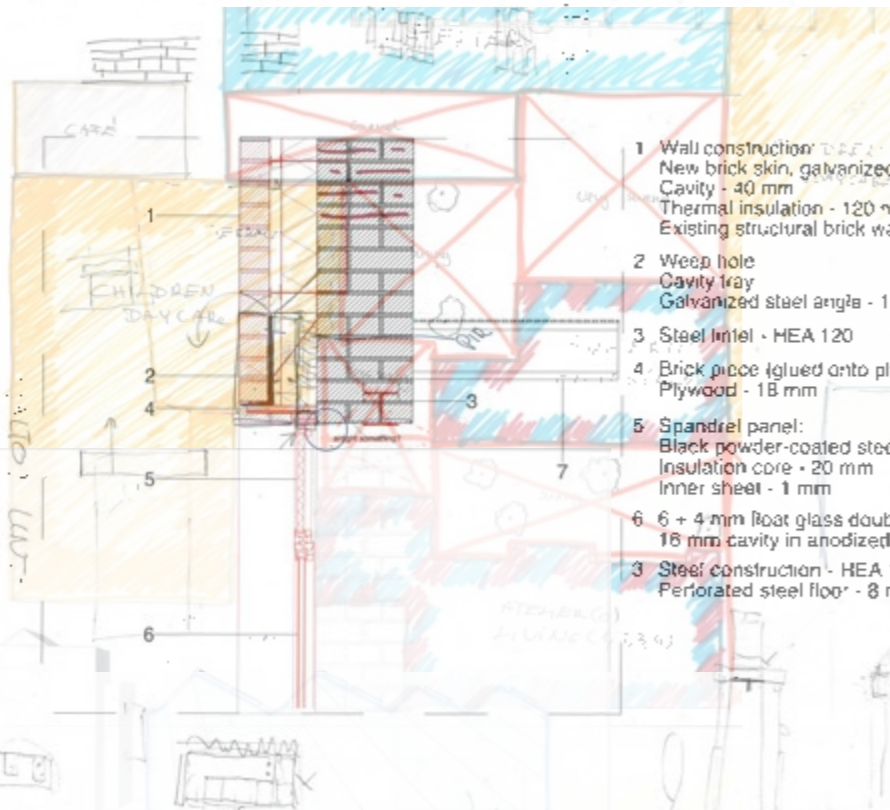
# REFLECTION

*Process, challenges, lessons*

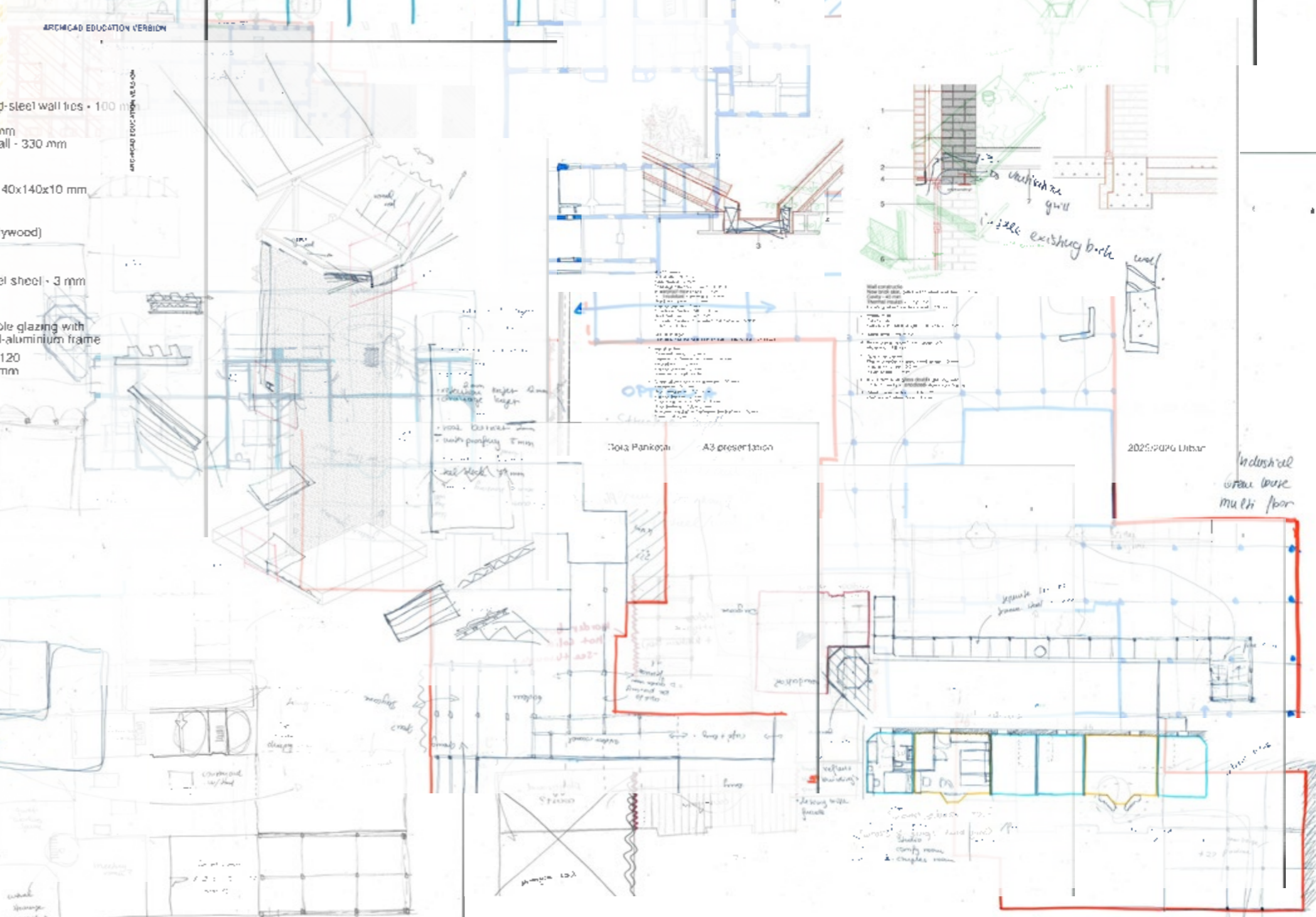




- 1 Wild flowers  
Substrate - 80 mm  
Filter fleece - 2 mm  
Drainage/retention board - 30 mm  
Waterproof membrane - 2 mm  
Roof-resistant membrane - 5 mm  
Rigid insulation - 120 mm  
Vapour barrier - 2 mm  
Structural deck (OSB) - 18 mm  
Roof battens - 100x32 mm  
Acoustic insulation between the battens - 32mm  
Steel roof truss
- 2 Gravel margin  
Gravel/bstrate 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

# THANK YOU!

*Questions?*