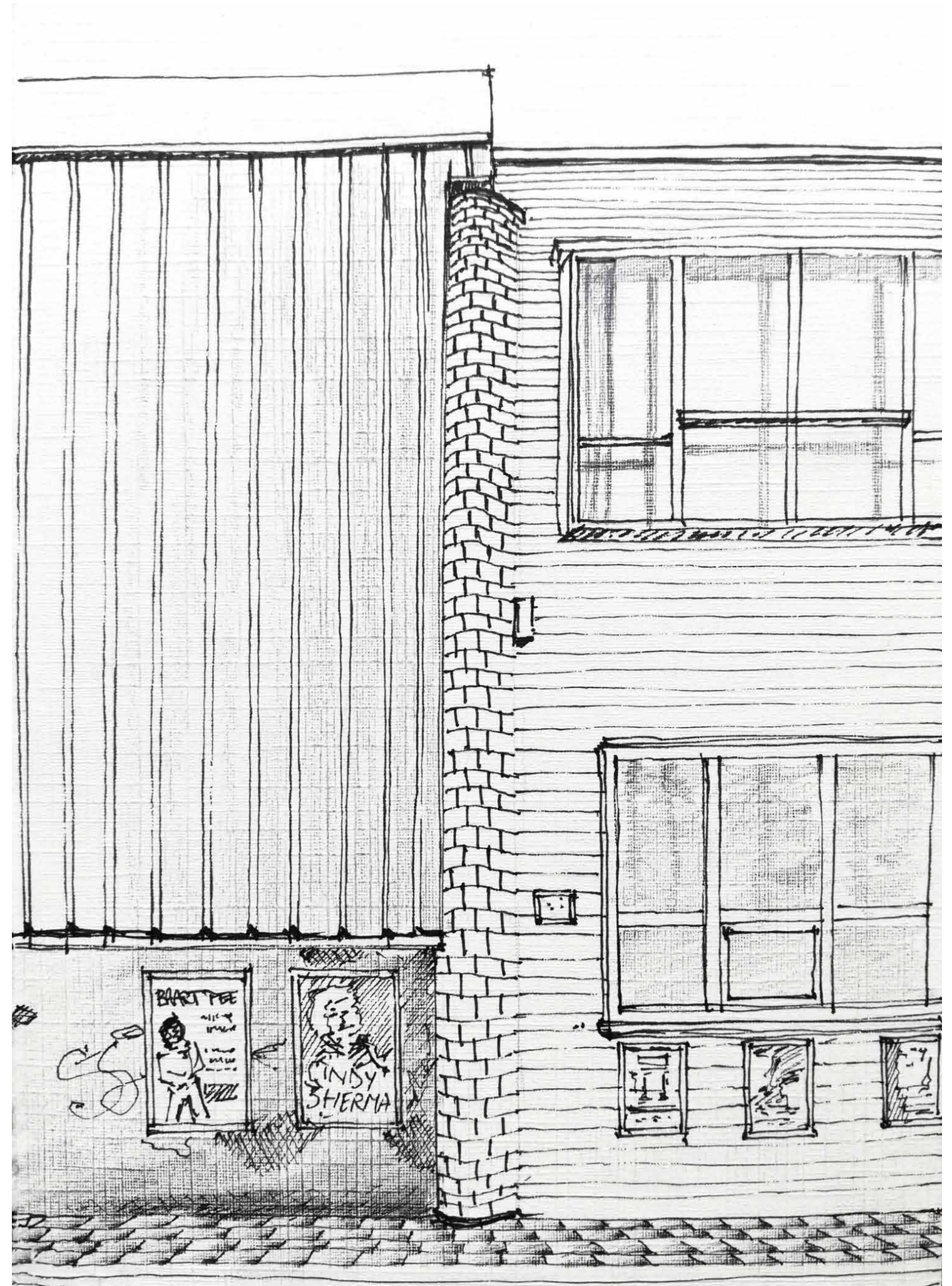


drawing architecture

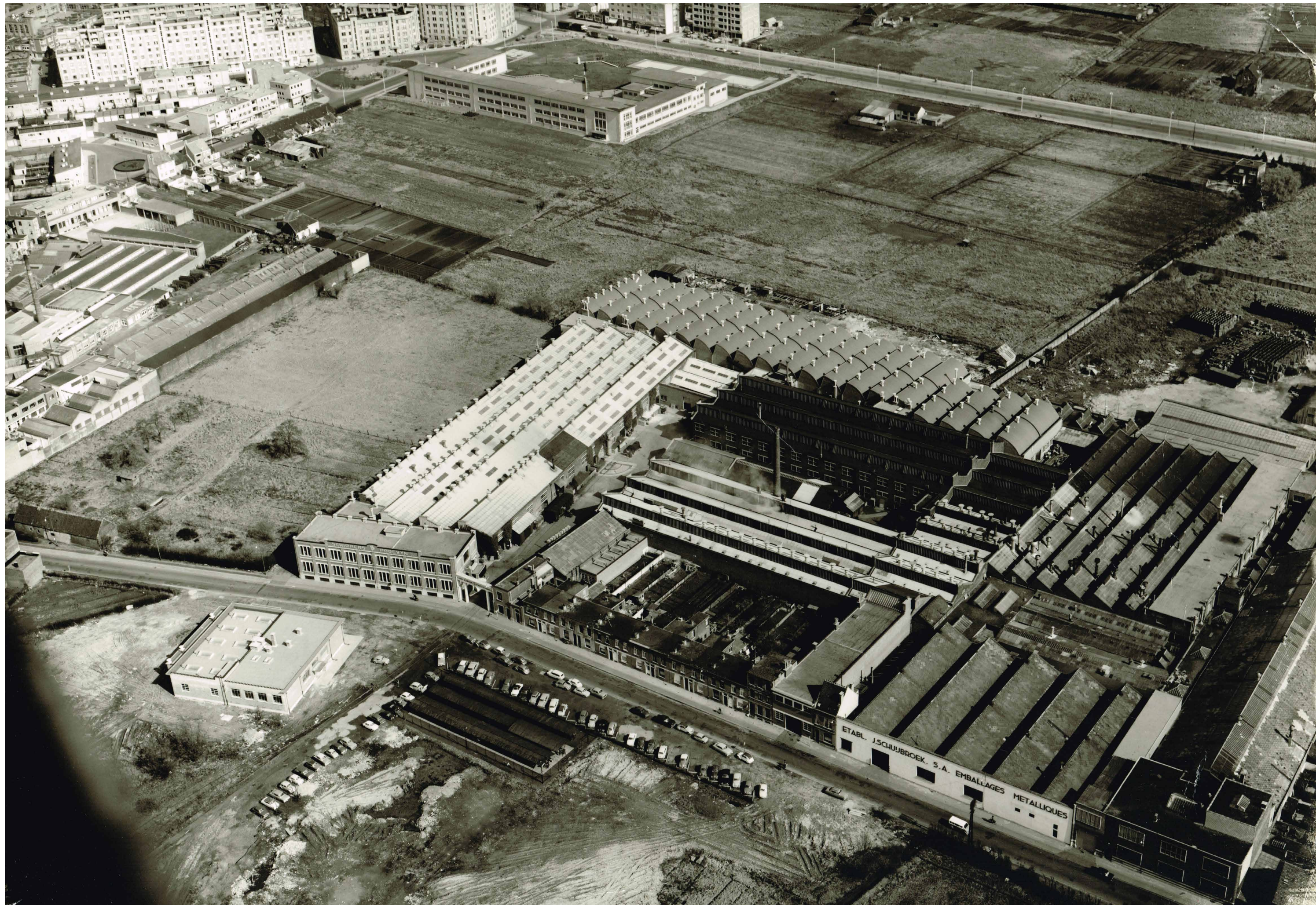
The transformation of an industrial hall into
living and working spaces



Urban Architecture Graduation Studio
Ana Olivia Poenariu

existing: as found











Denitsa Desheva

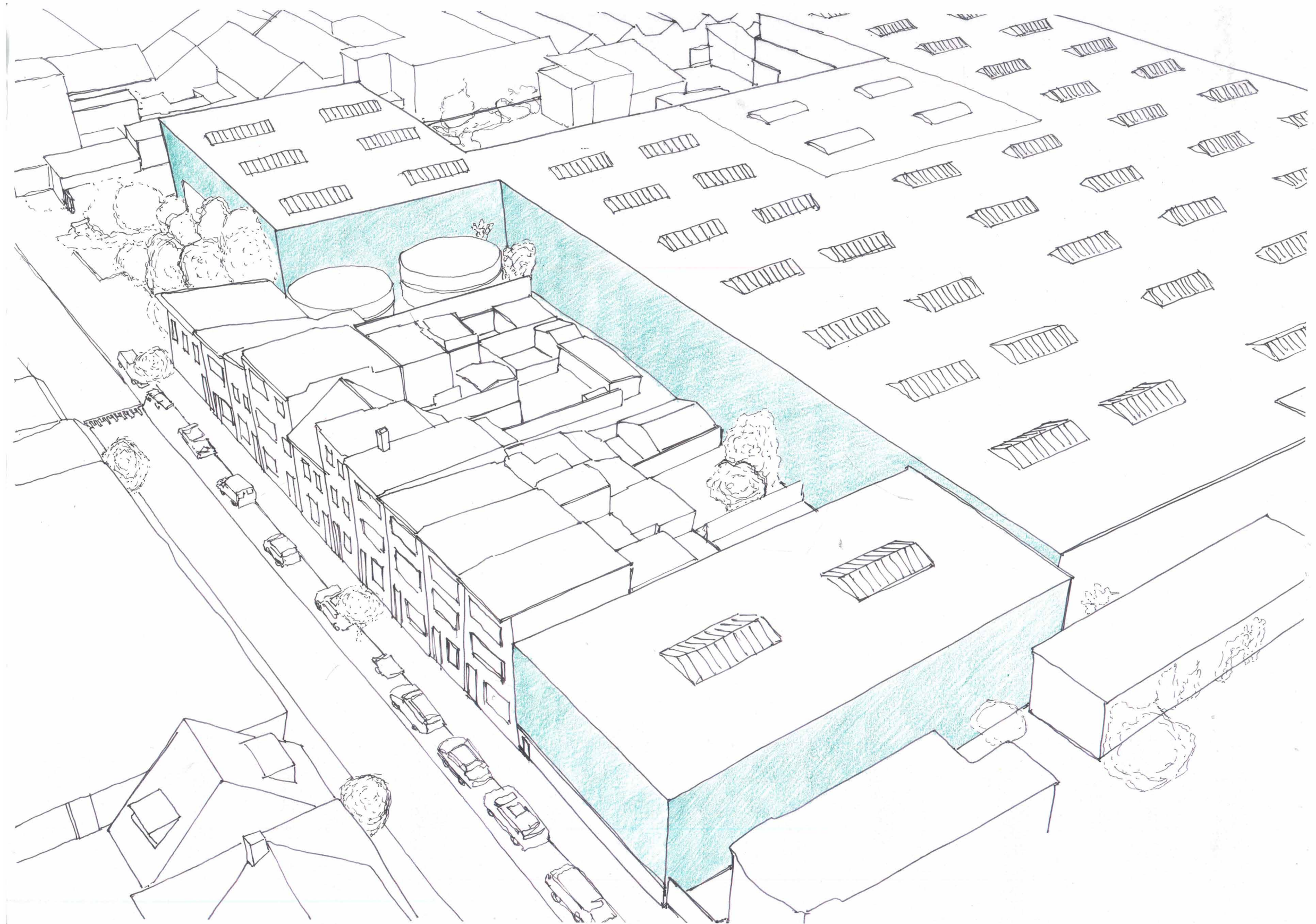


Frederik Rombach







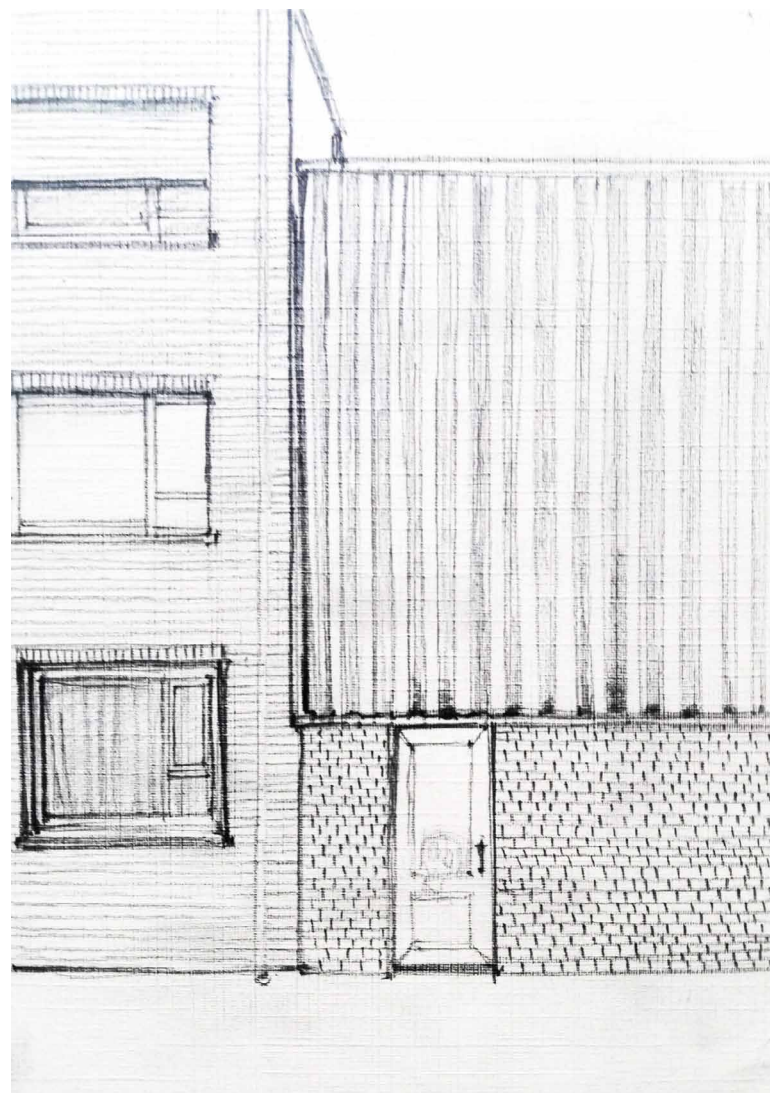


Taking over

Fineliner and colored pencils on
paper

January 2025

The birds-eye view is very useful in this case for visualizing how the industry developed around housing, taking over the public space and creating facades at the street. By using a simple color on the adjacent facades, the idea of taking over is accentuated even more.

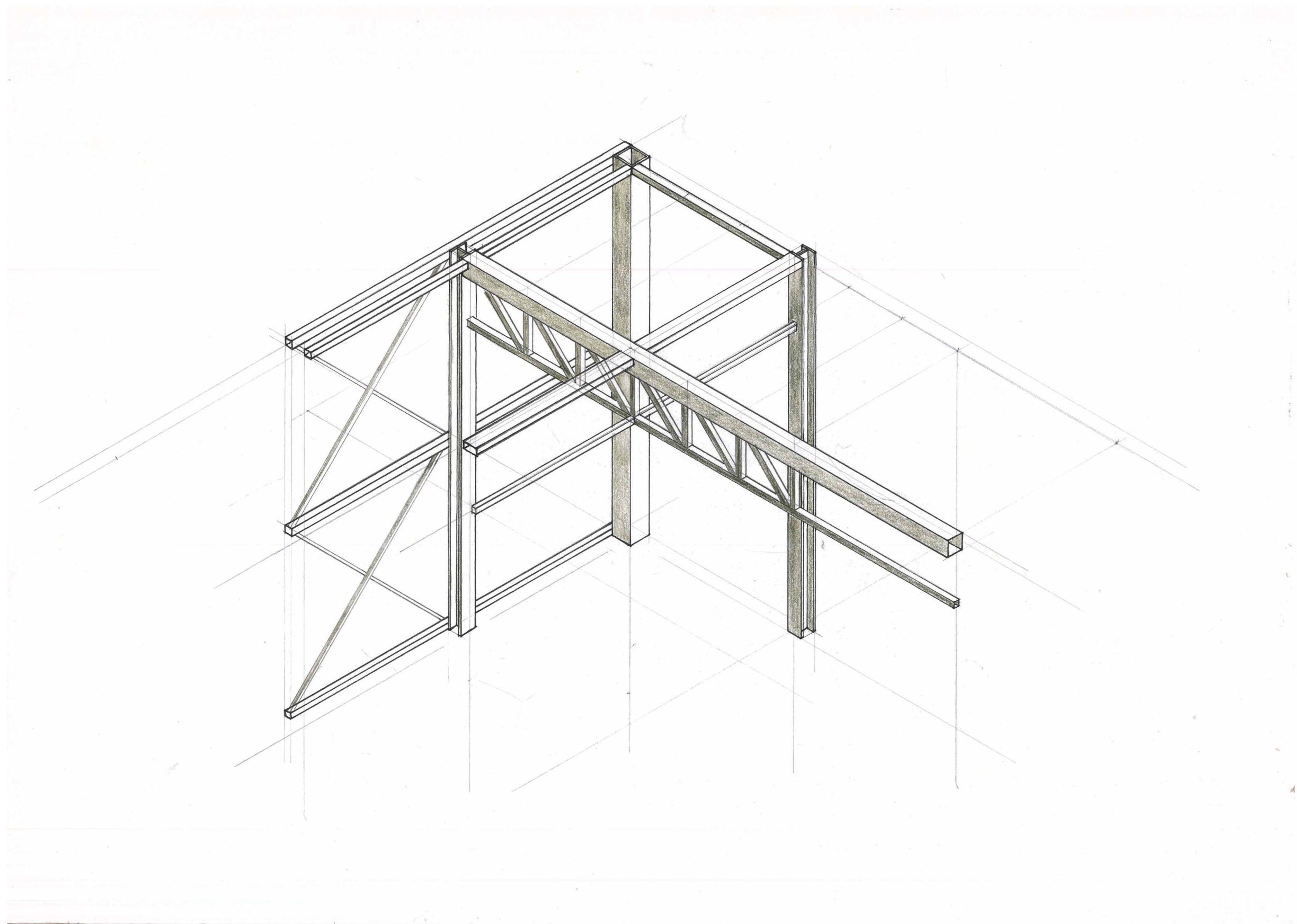


So close, yet so different

Fineliner and colored pencil on paper

November 2024

These three drawings have been made at the same time after a site visit. Surprisingly, the facades from the industrial halls and from the houses touch each other, and yet they portray two different worlds. One is about working, cold materials, big spaces, while the other one is about the intimacy of a home, the warmth of the brick and about the delicate window frames.

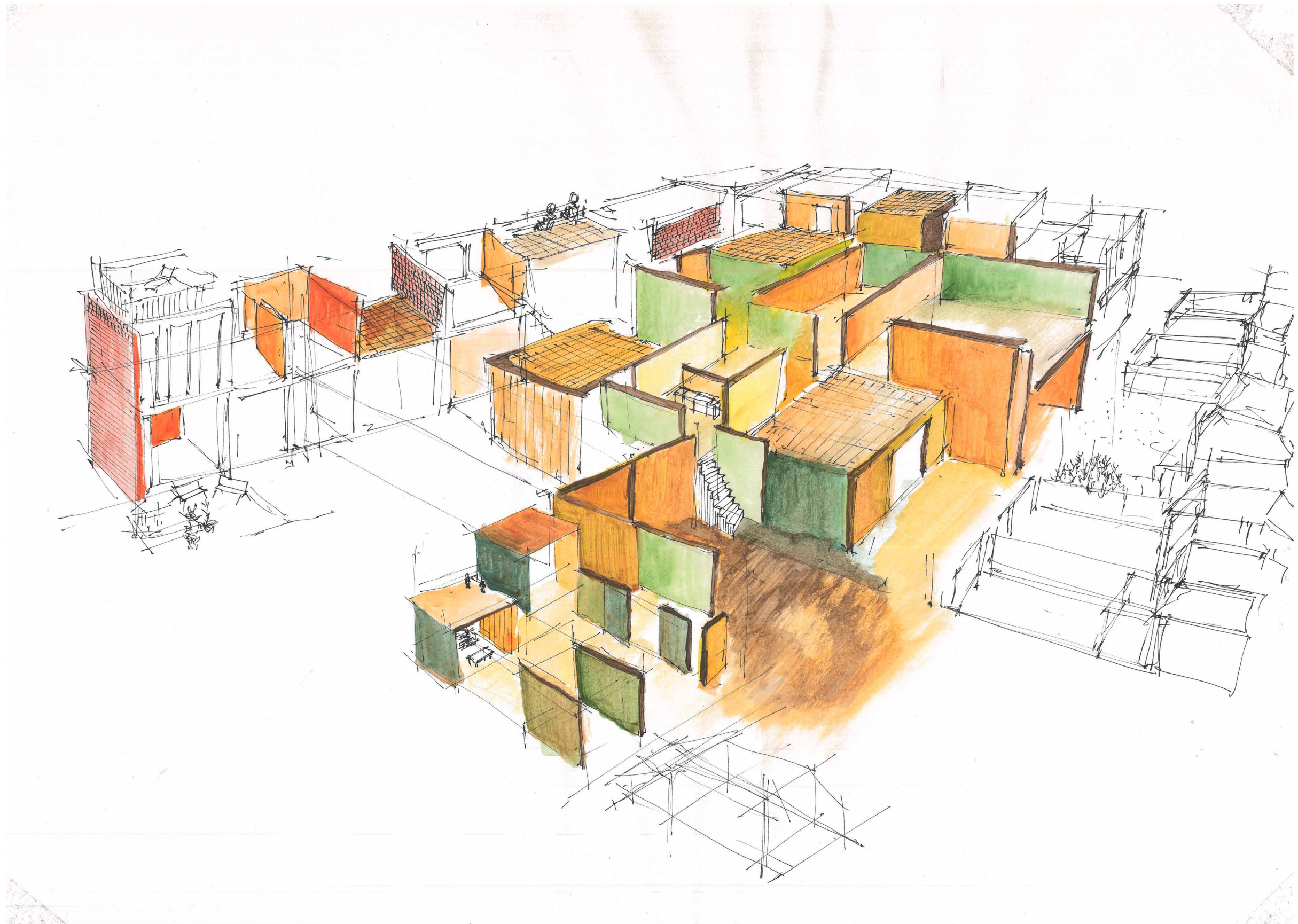


The beauty of the structure

Pencil and colored pencil on
paper

January 2025

While drawing, you take time to notice. You start understanding how many beams there are in the truss, how many columns, what are the proportions, what kind of steel profile is used, where are the connections. When working with an existing building, I think it is essential to take time to fully understand the existing structure, in all its beauty, to then take those qualities and use them as driving forces in the new design.



A colorful life

Fineliner and paint on paper

March 2025

This imagined perspective is inspired by the drawing technique used by Liesbeth van der Pol. It portrays the life that could happen inside the houses. This technique has been very helpful to think and design at the same time on paper. There are a lot of elements that come back in my design, such as stairs, rooftop terraces, streets and courtyards. Color is very important in this drawing, the earthy tones relate to the warmth and comfort that houses should provide.

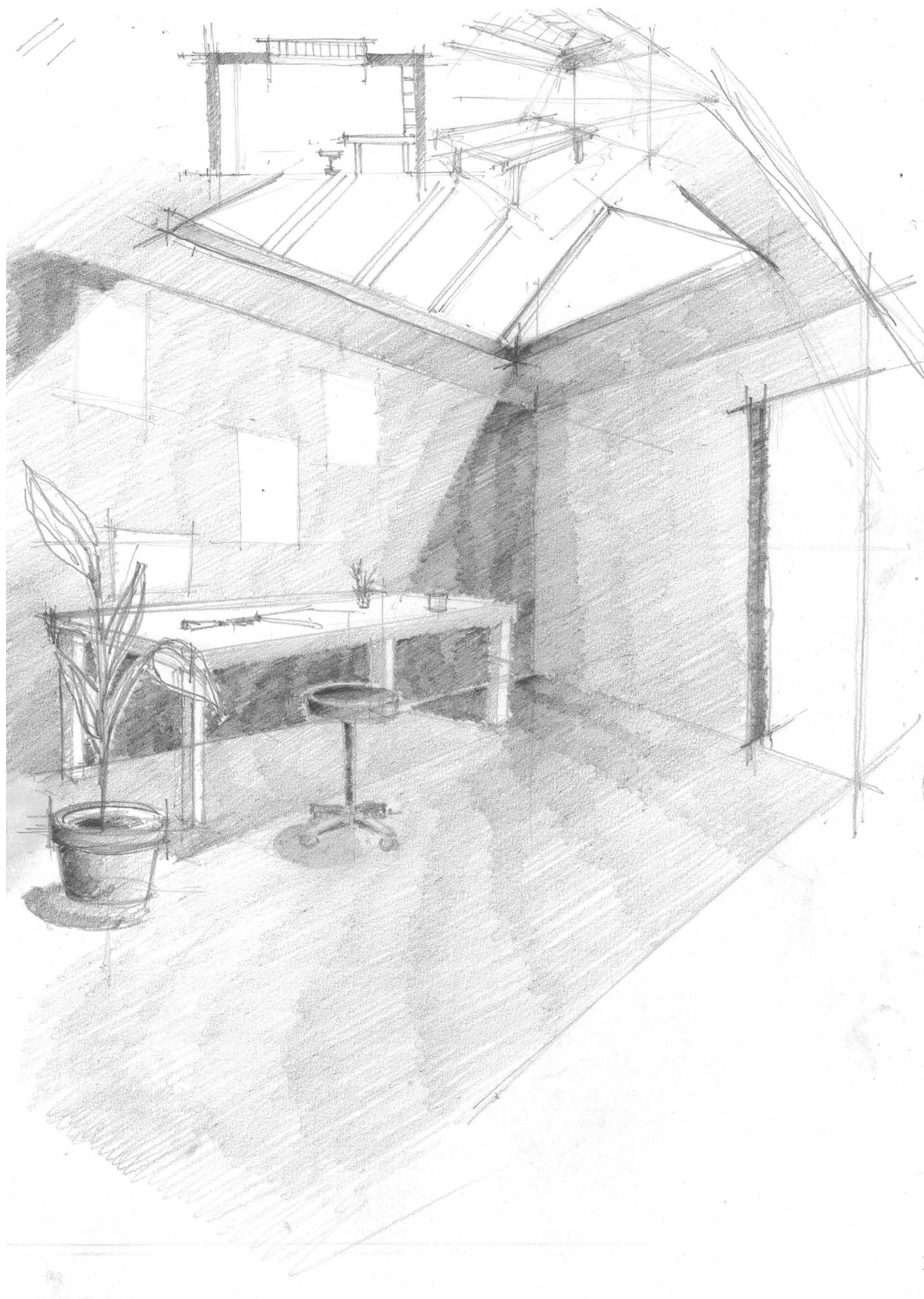


Into the living room

Graphit on paper

March 2025

An oversized opening allows for an abundance of light to enter the living room from the terrace. The graphit accentuates the contrast between light and dark, rendering all the shadows from the household. At the top of the paper, a small section and perspective sketch show the thought process before starting the drawing.

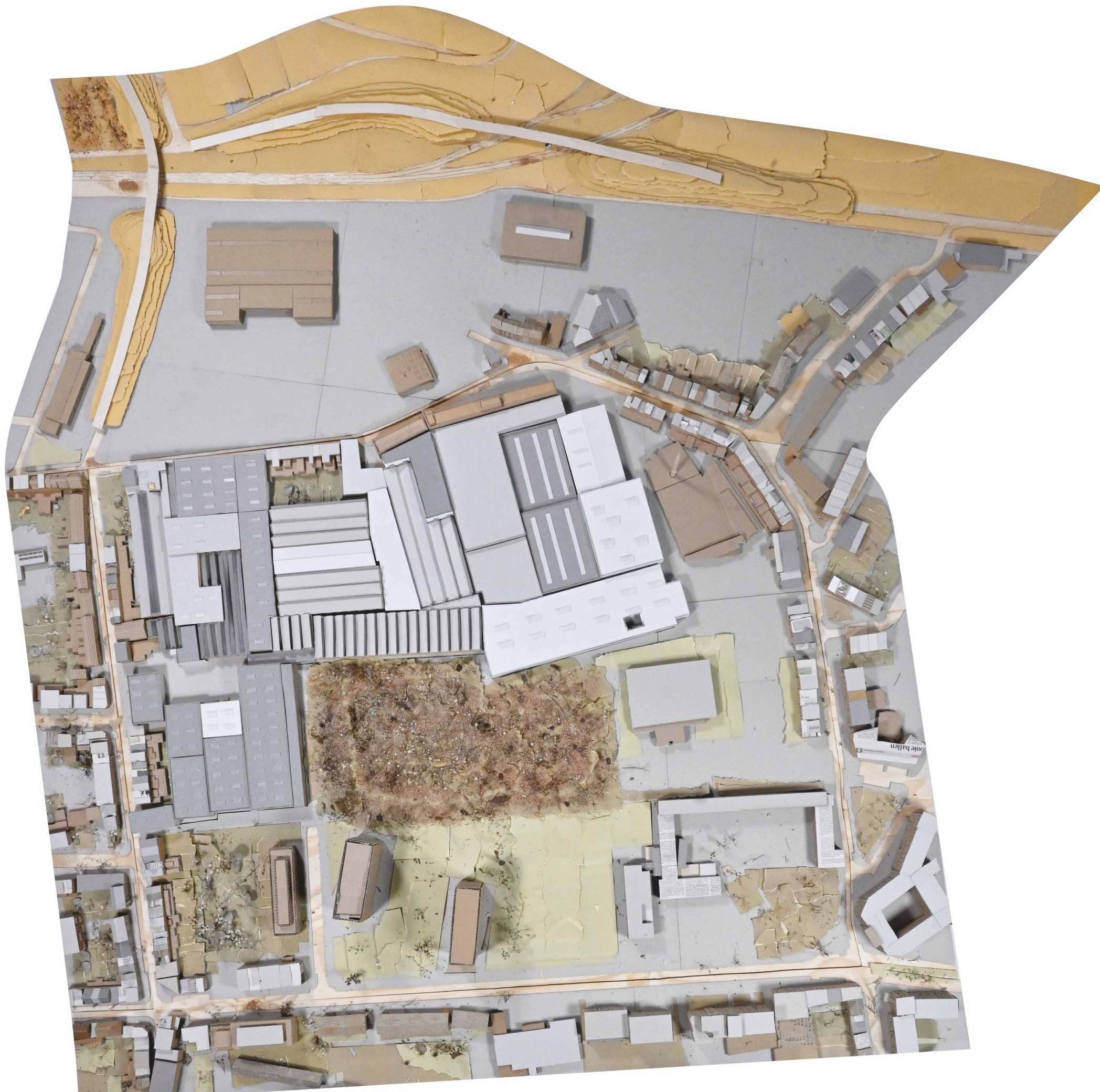


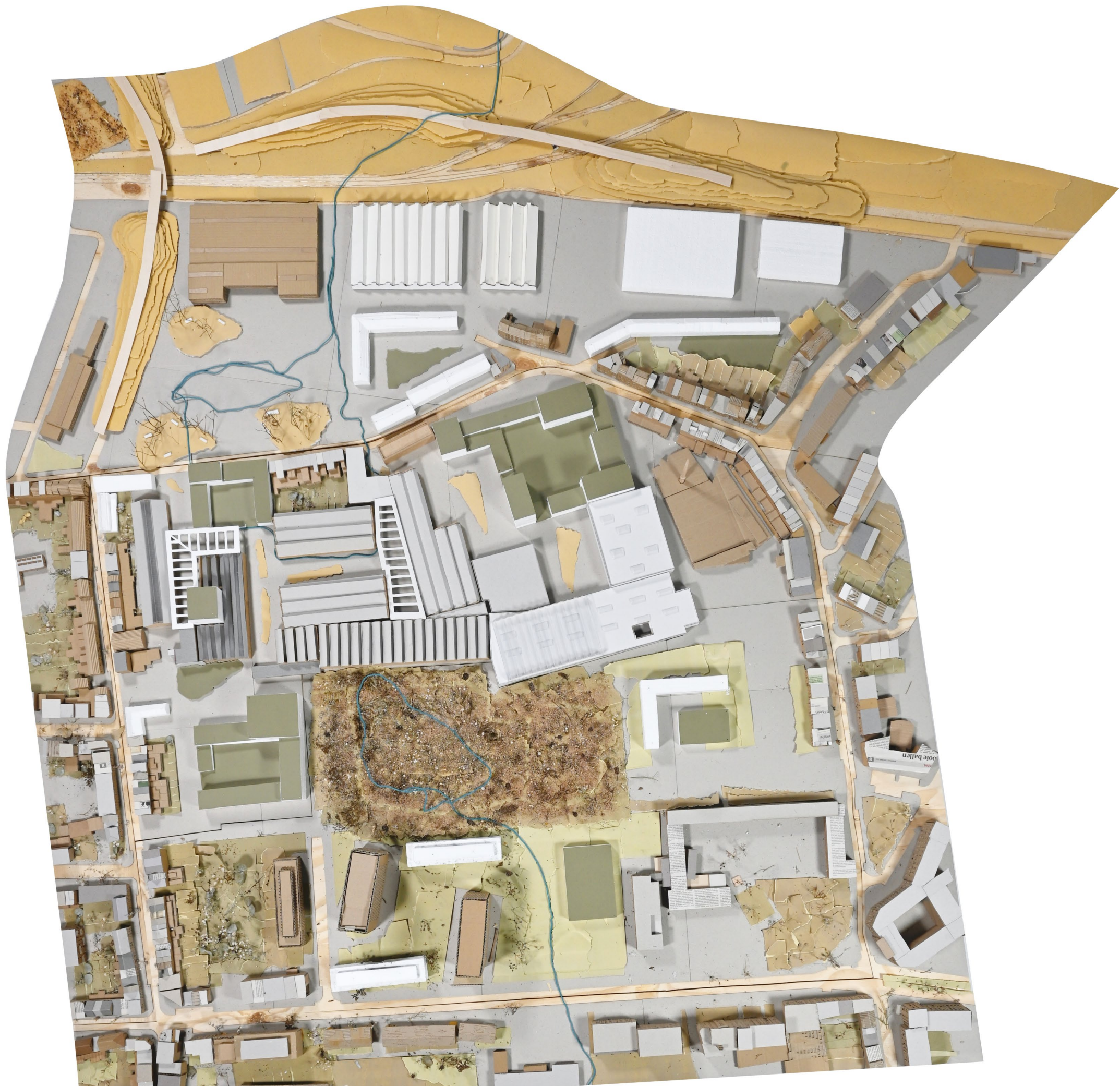
Light from above

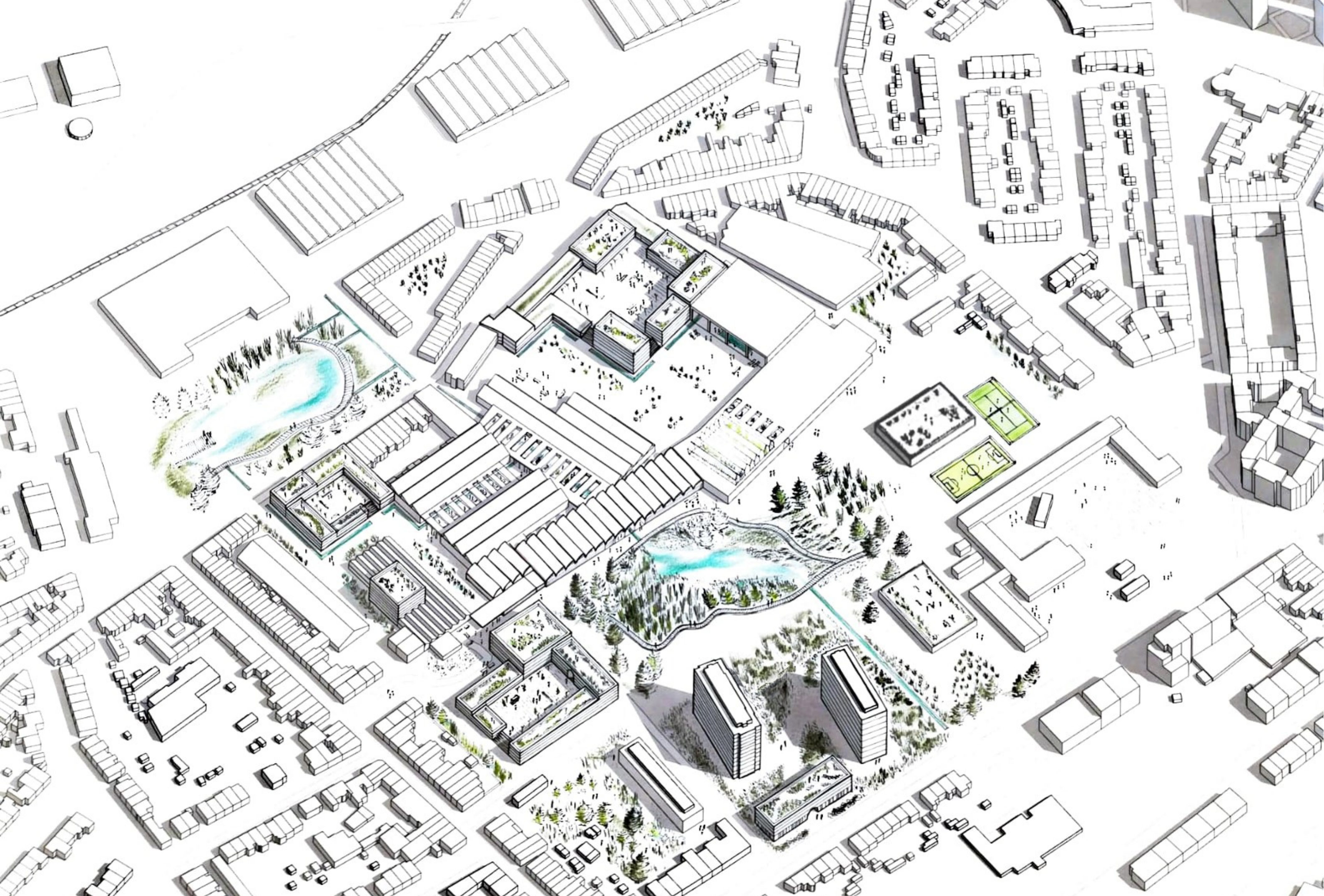
Graphit on paper

March 2025

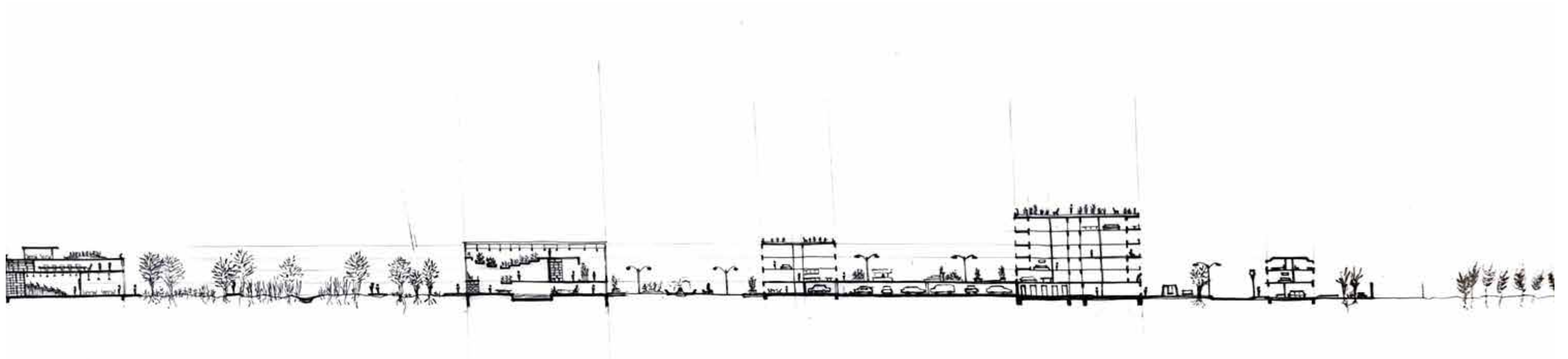
This technique of drawing is very useful for illustrating light. This is an envisioned working space which is reusing the old skylight. The atmosphere becomes serene, with so much light filling up the space.

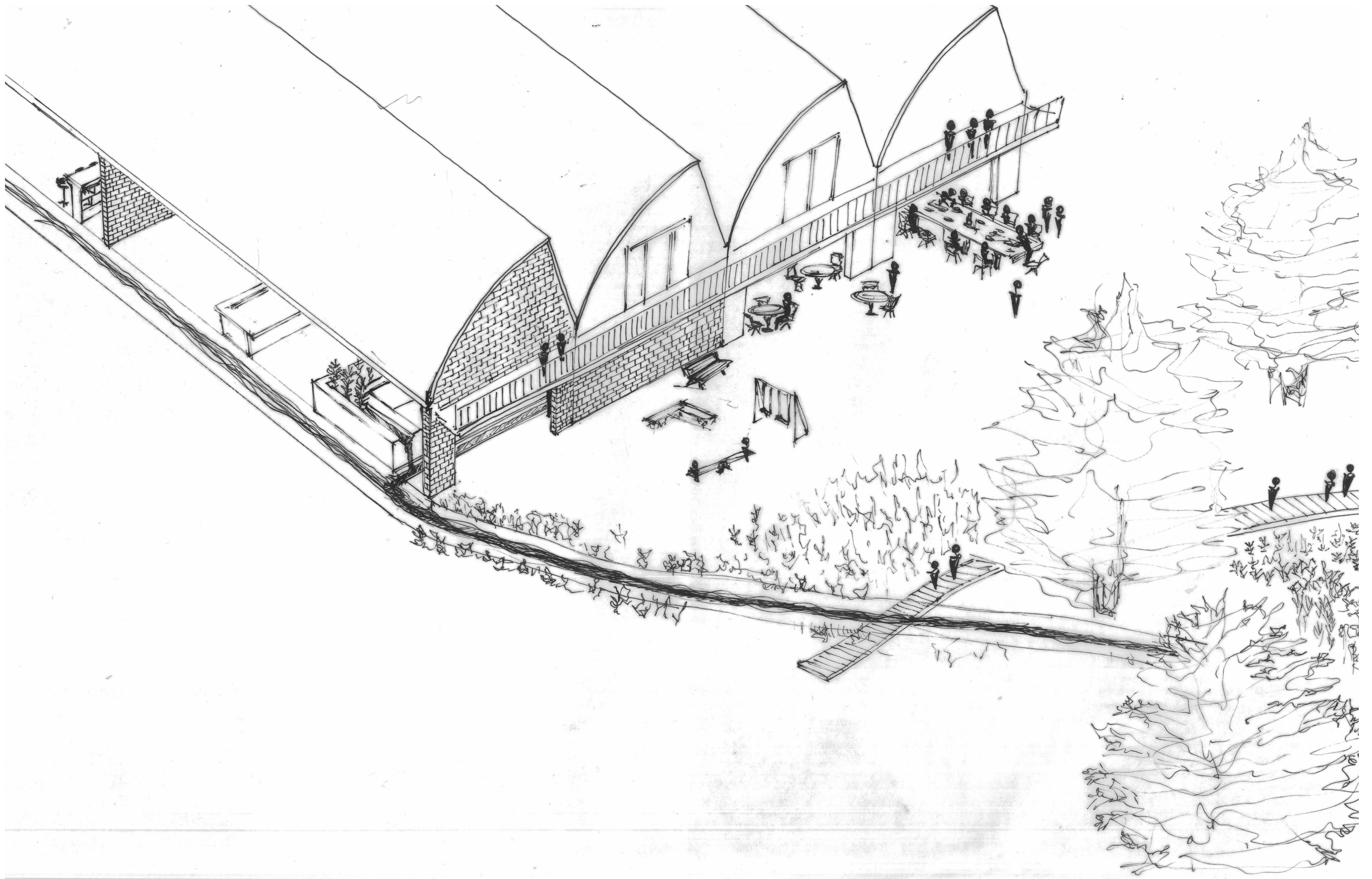












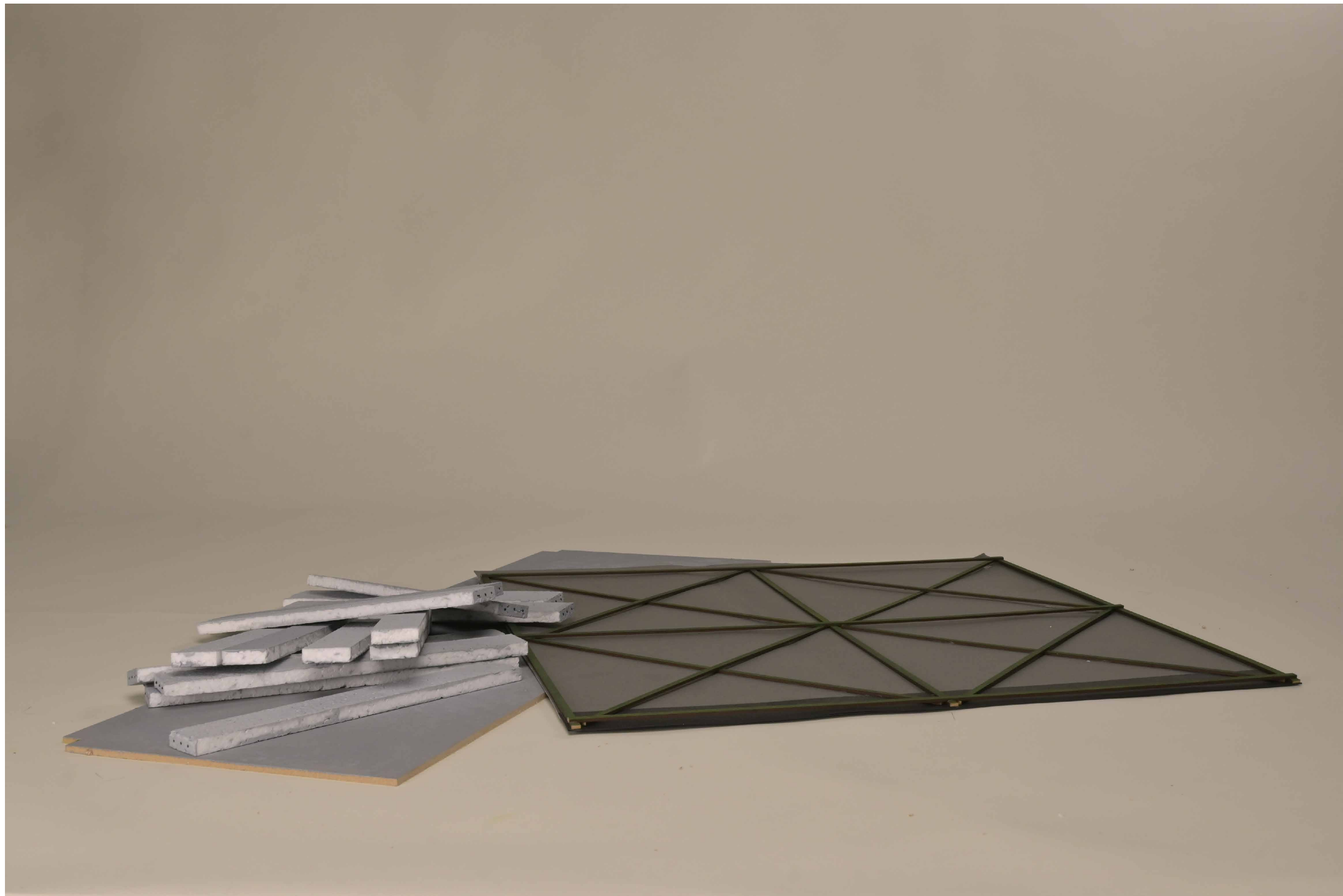


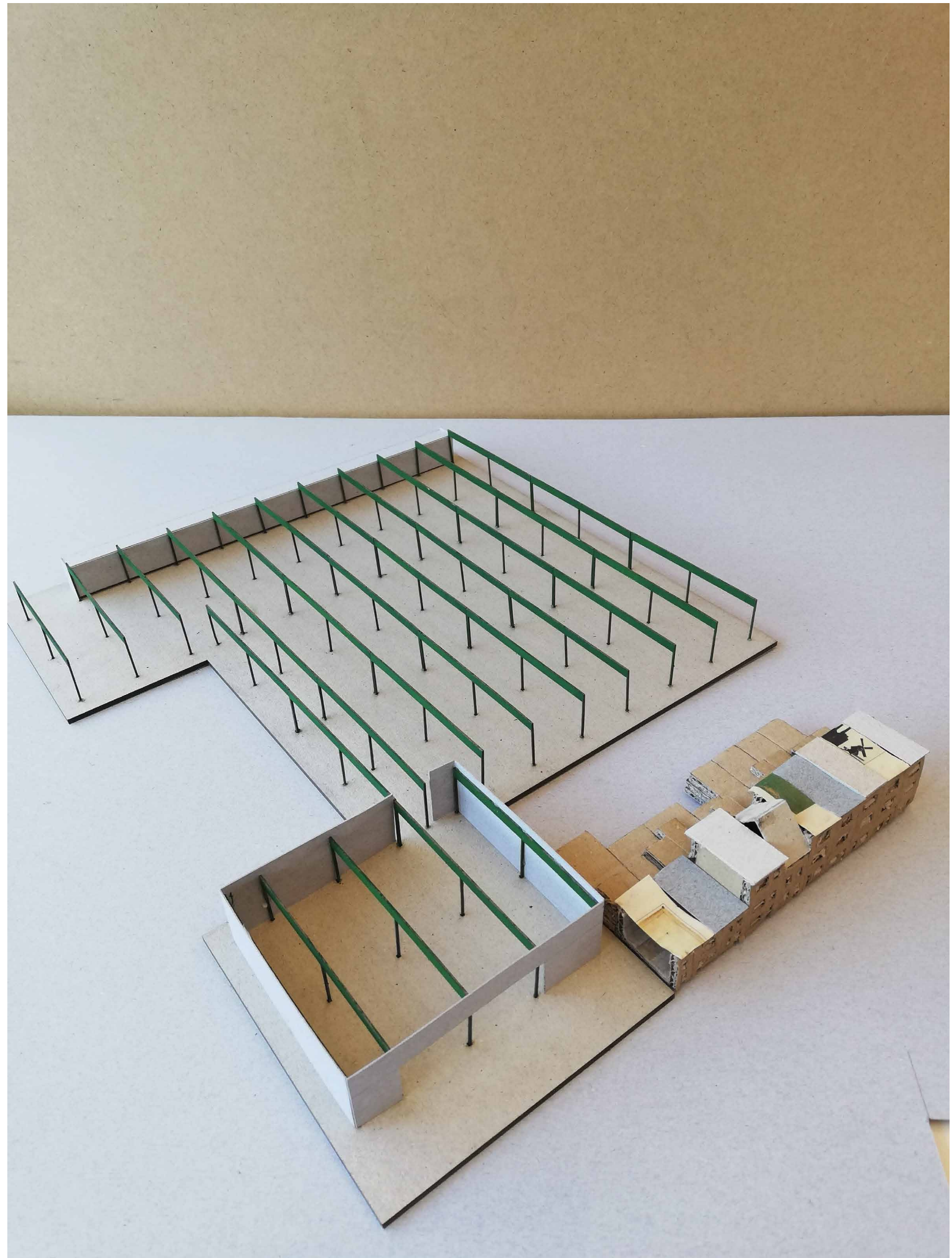
dismantle - material catalogue

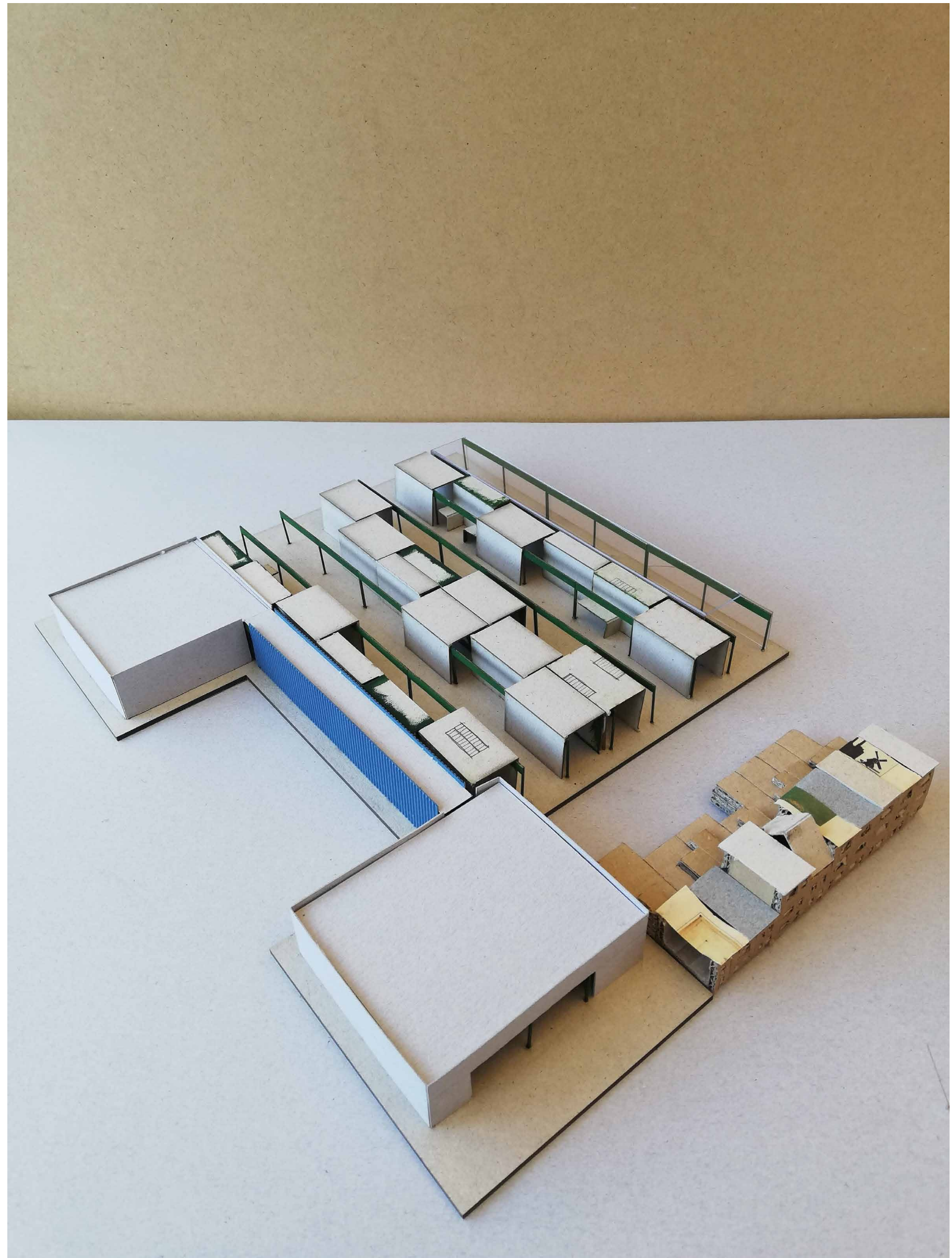


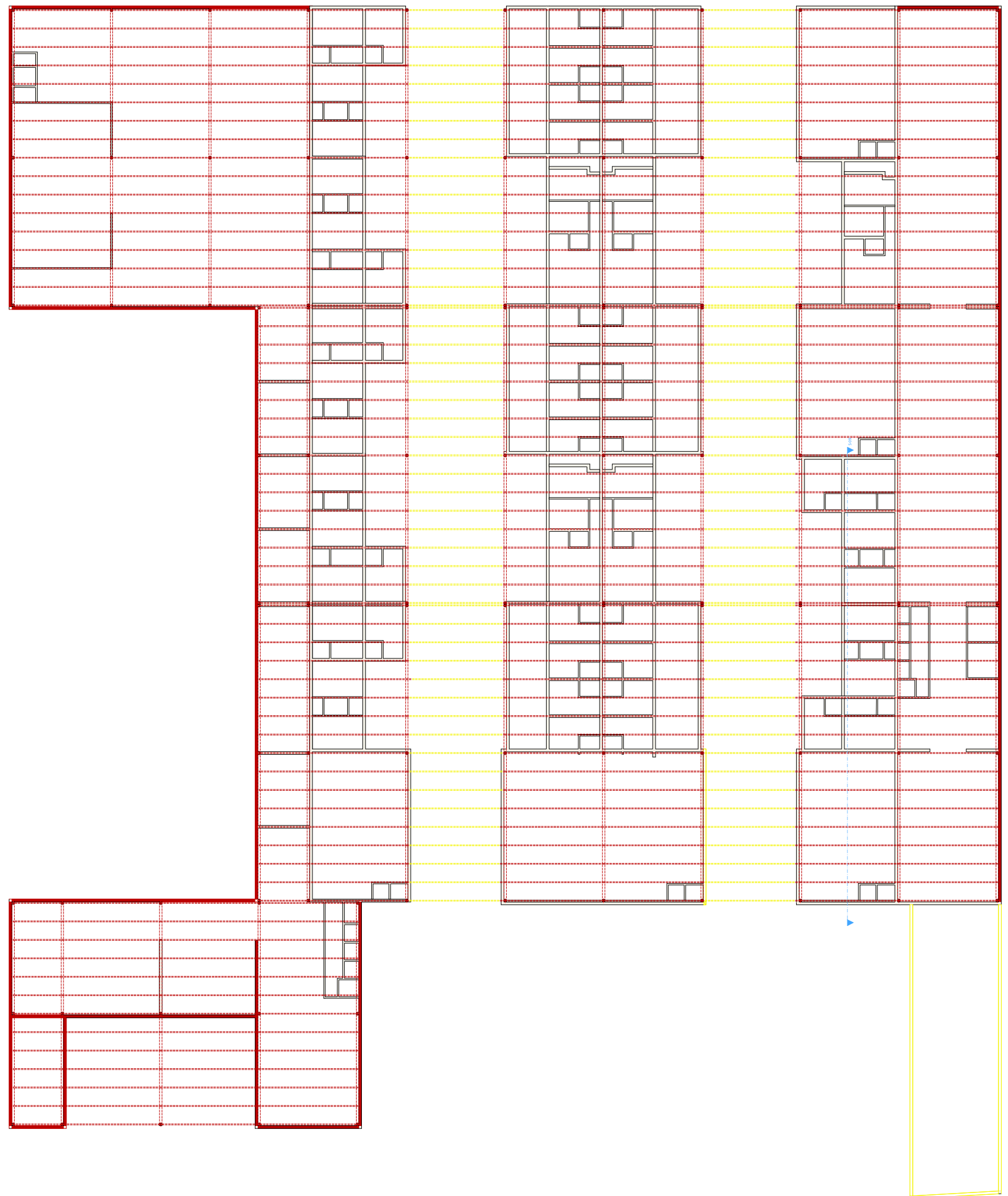


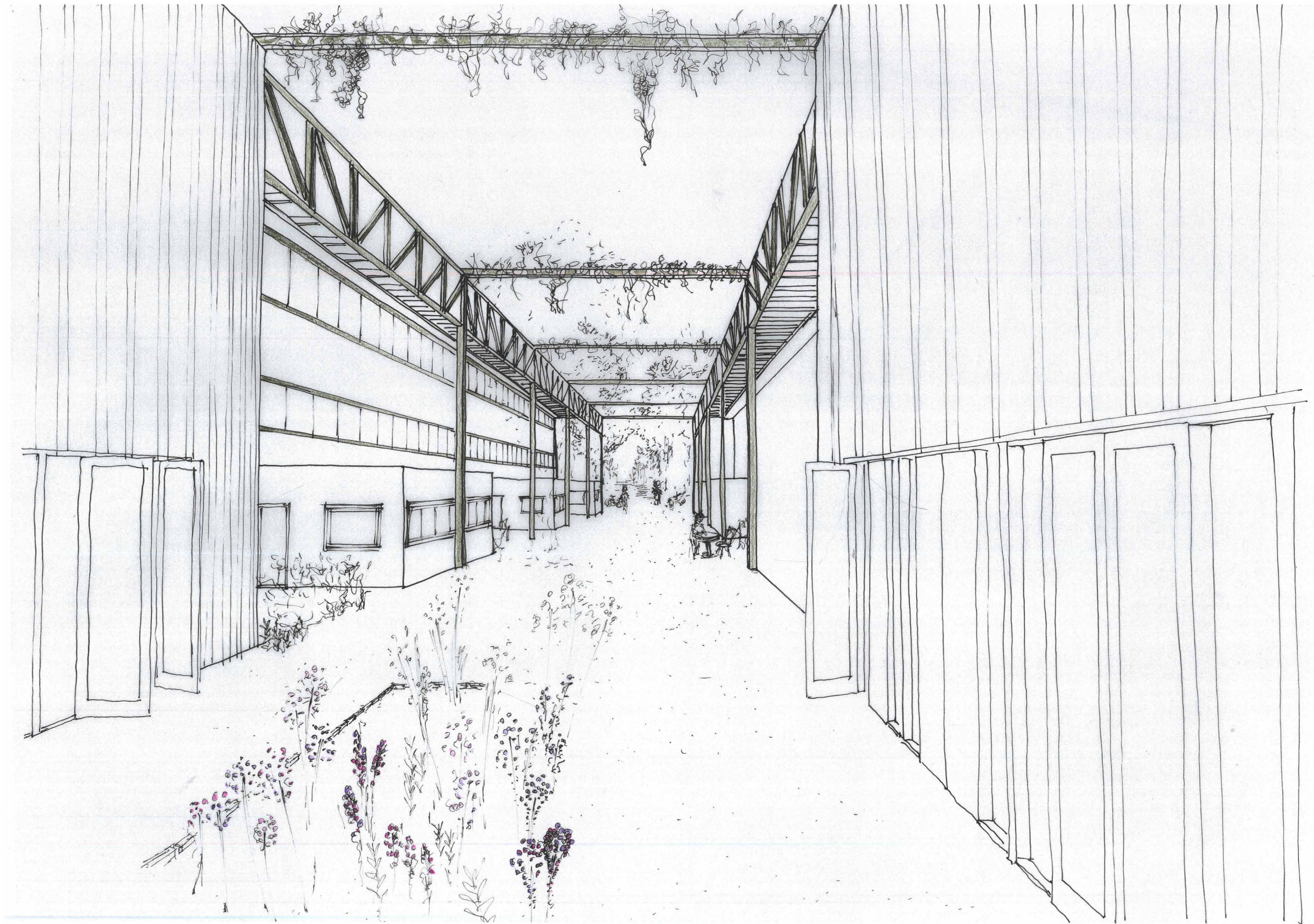












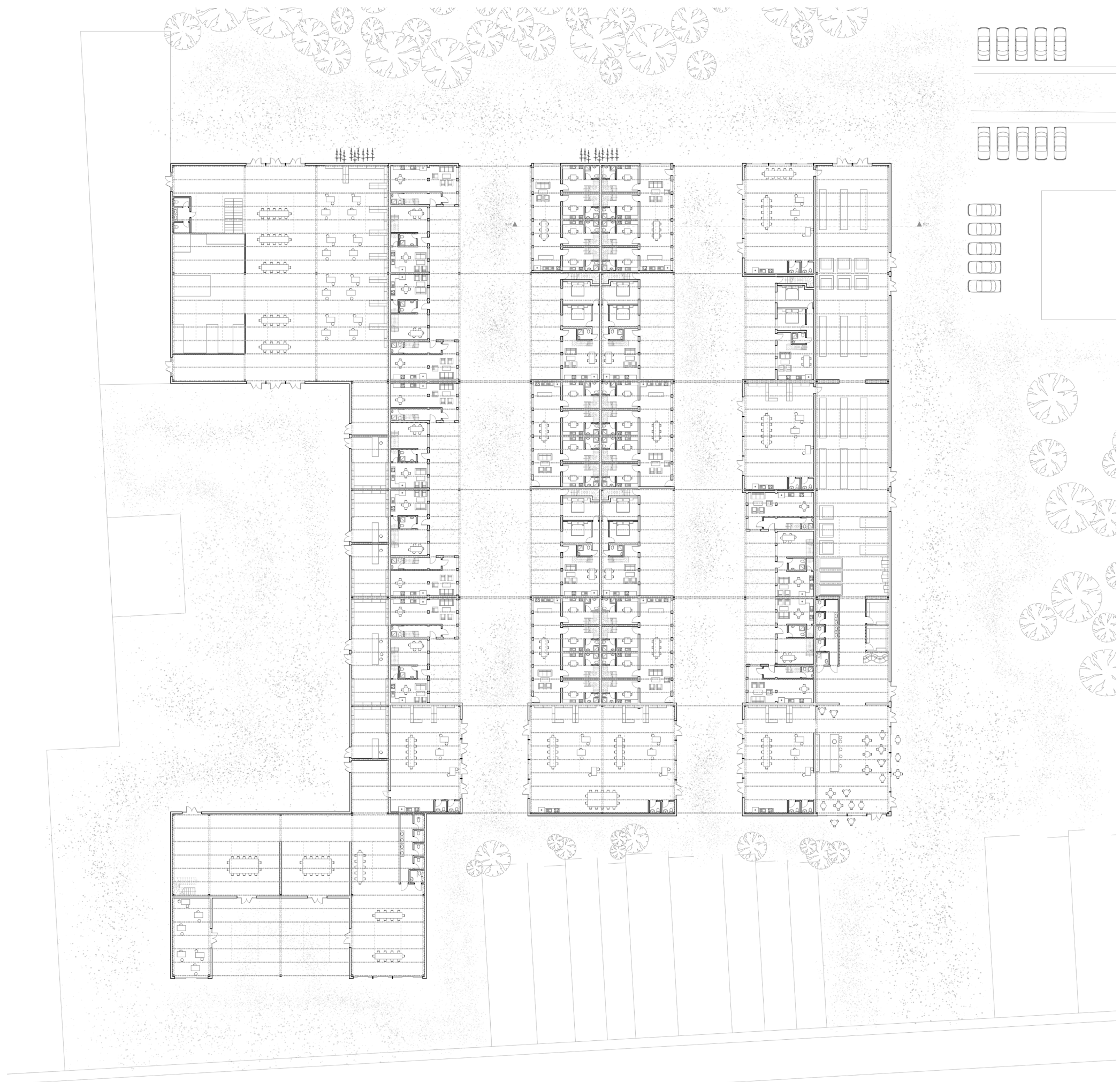
Streets between trusses

Fineliner and colored pencil on
paper

June 2025

The perspective of this street shows the development of the trusses over time. While the industrial heritage is very much present, the area has evolved into a lively neighborhood. Greenery is climbing over the trusses and outdoor furniture is appearing at every corner.

transformation & reuse



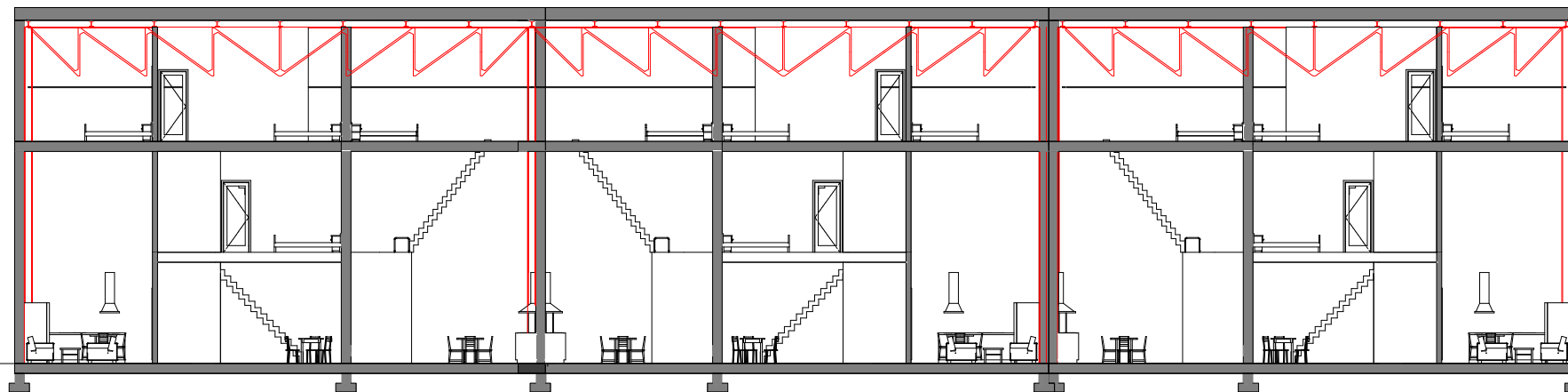
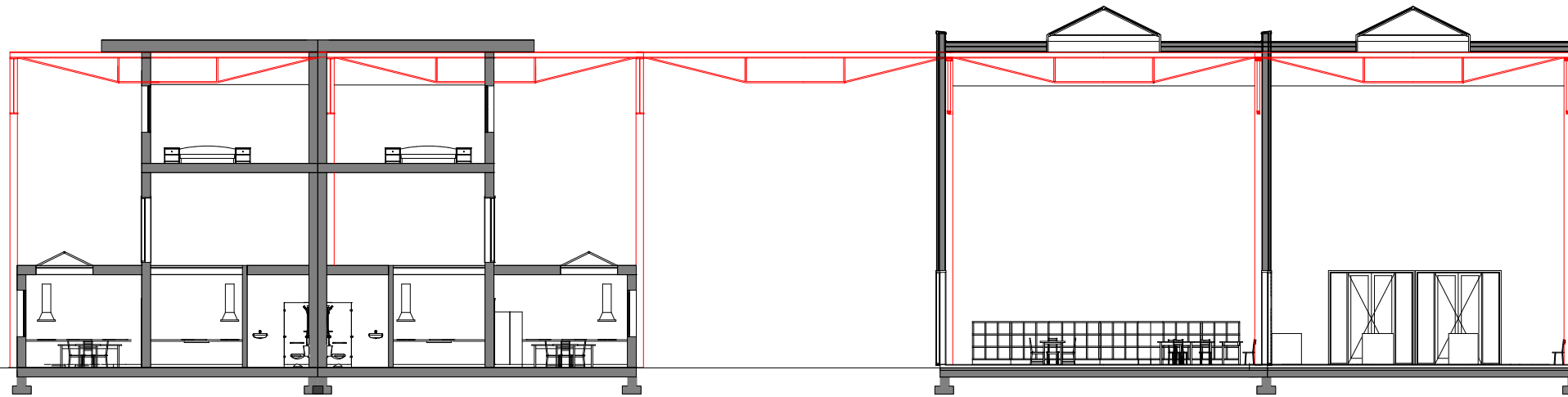


For a coffee

Fineliner and colored pencil on
paper

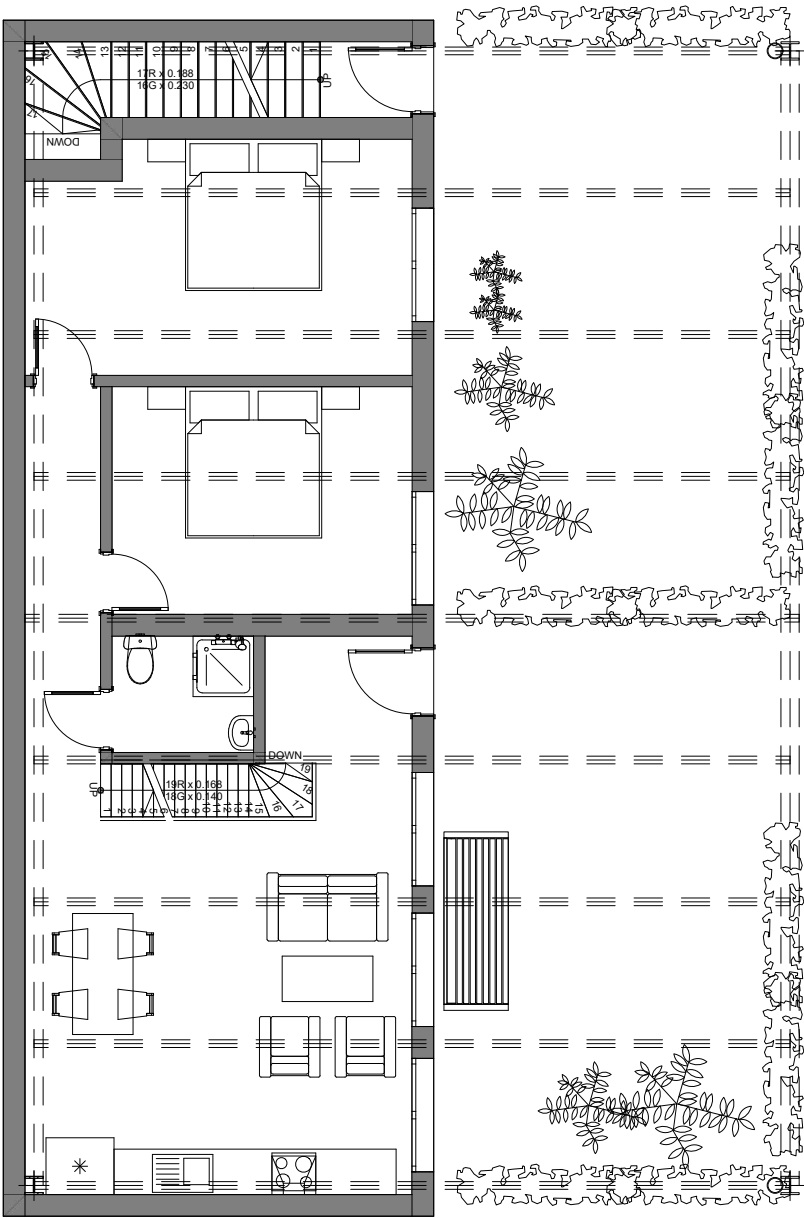
June 2025

This perspective drawing is an example of how the life
within the community could evolve. It shows the corner
of the small restaurant, which is an area where everyone
can come together and enjoy a meal.

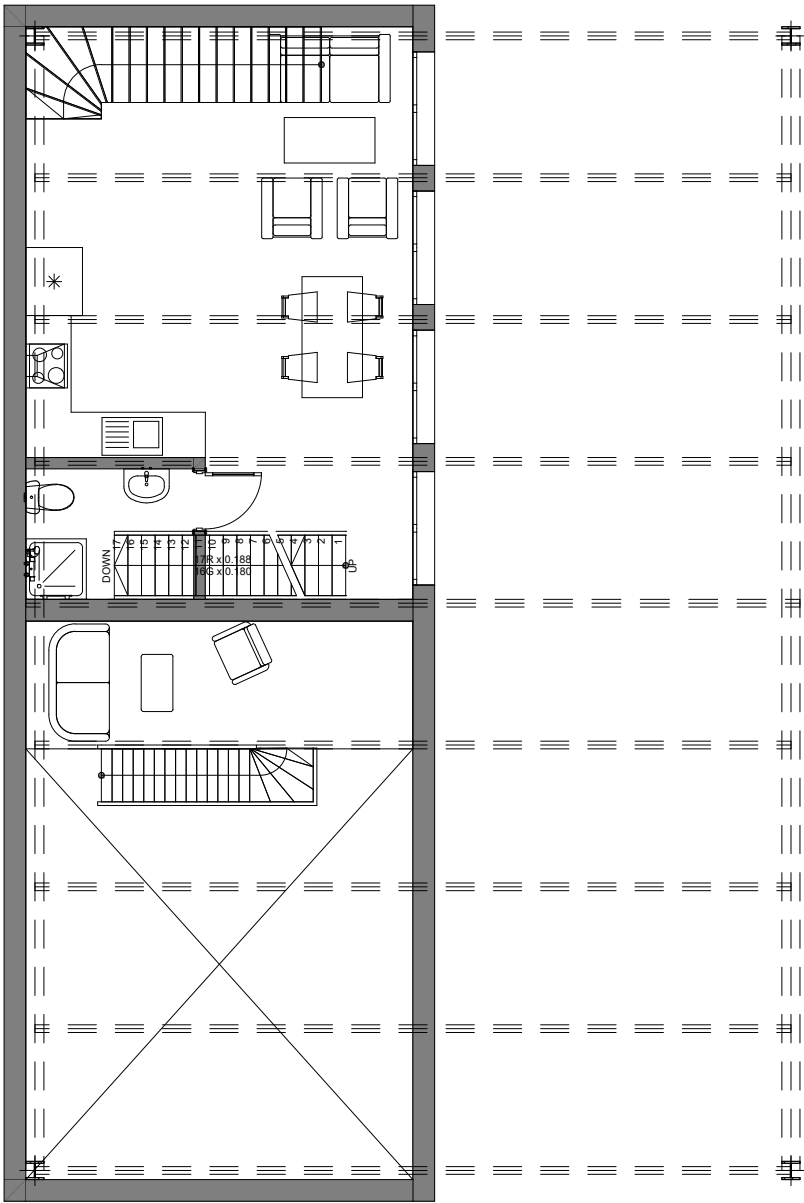


Scale 1:200

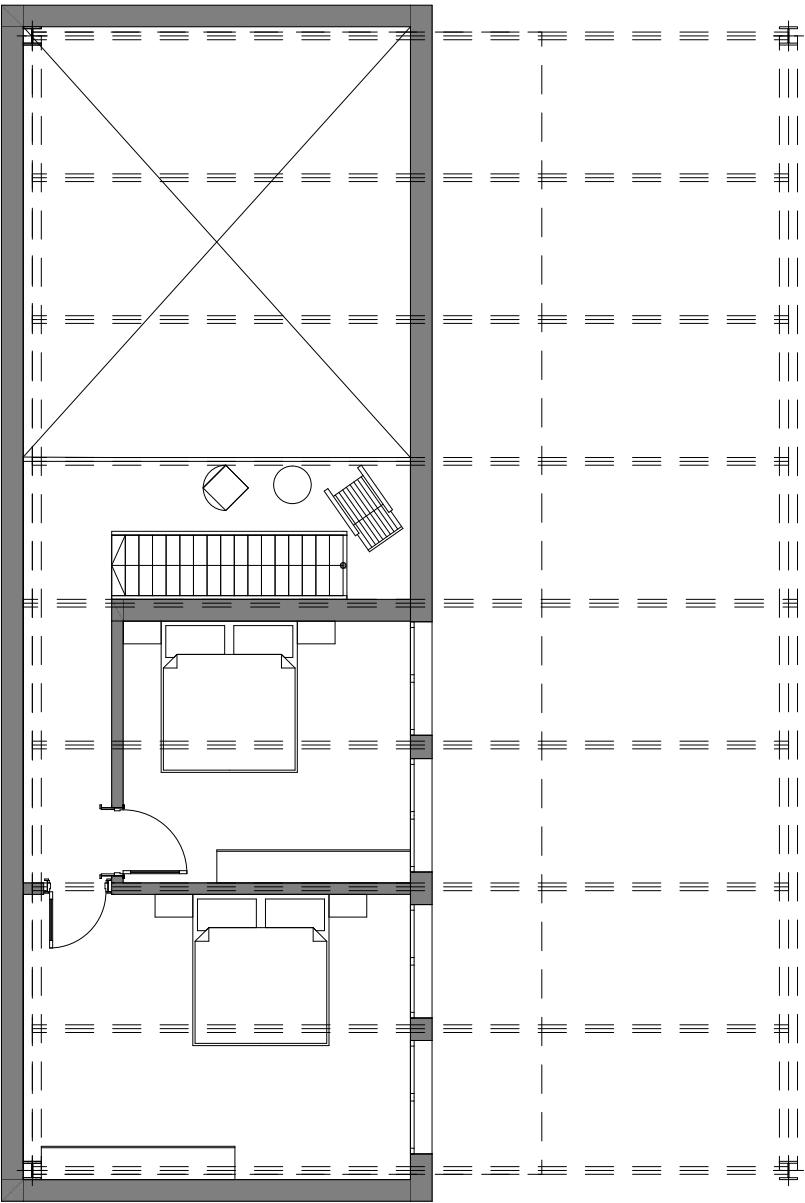
Typology A



Ground floor

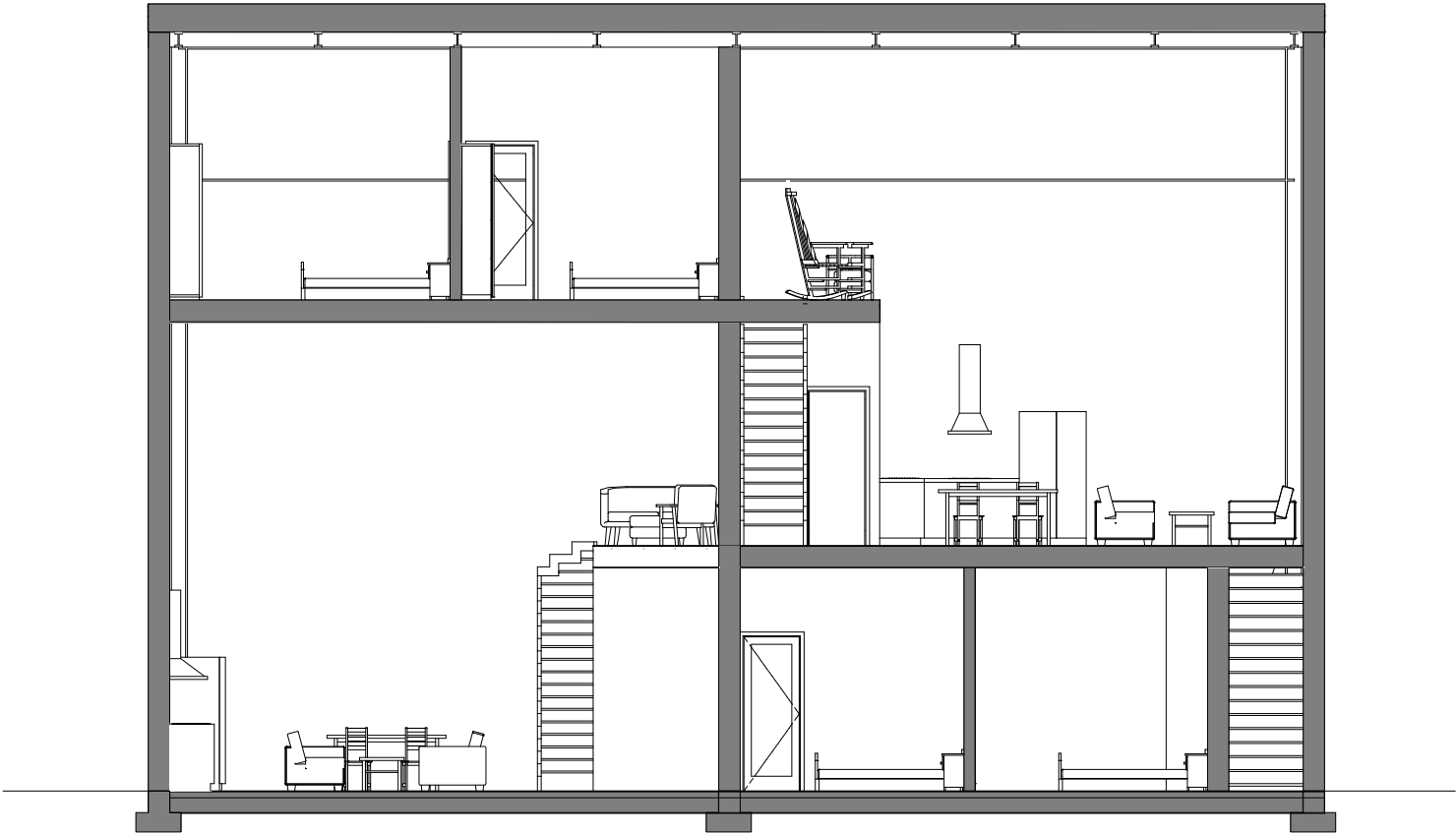
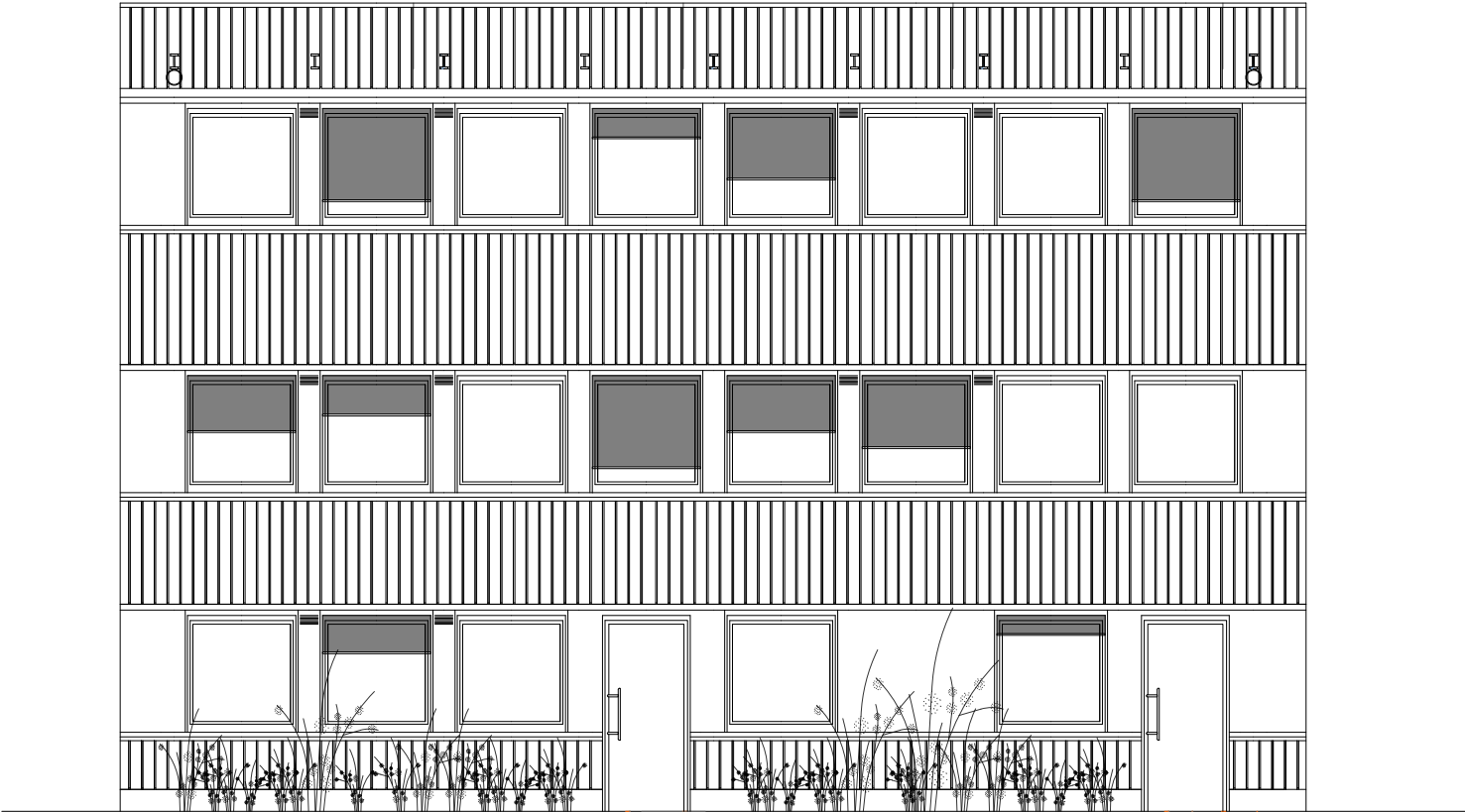


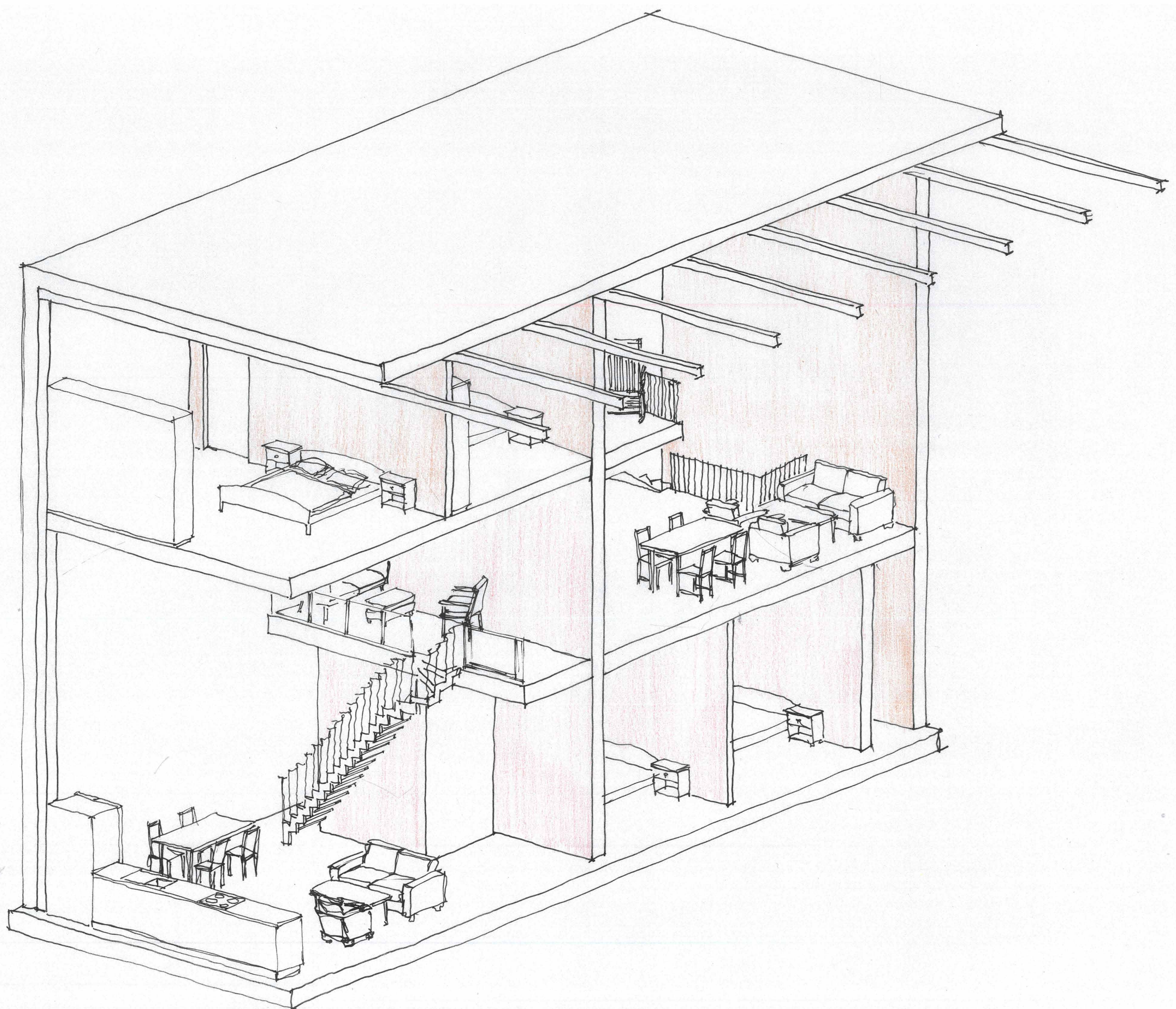
First floor



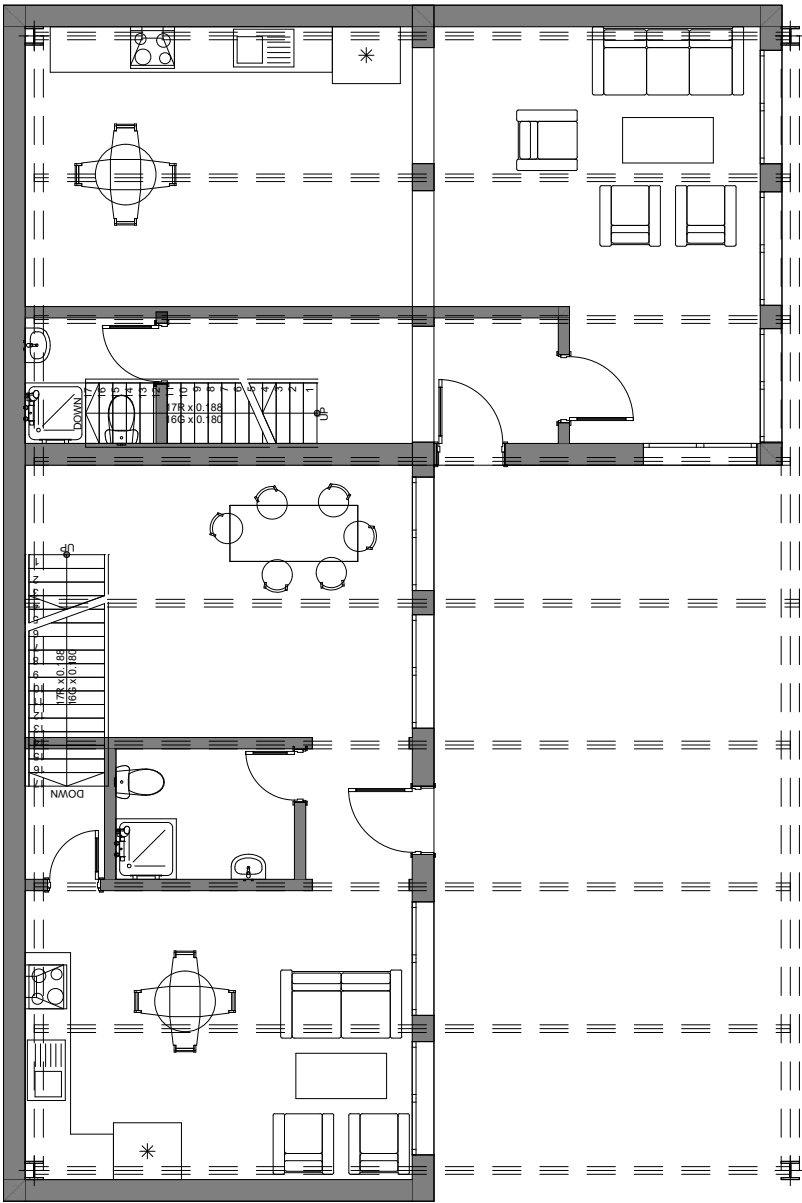
Second floor

Scale 1:100

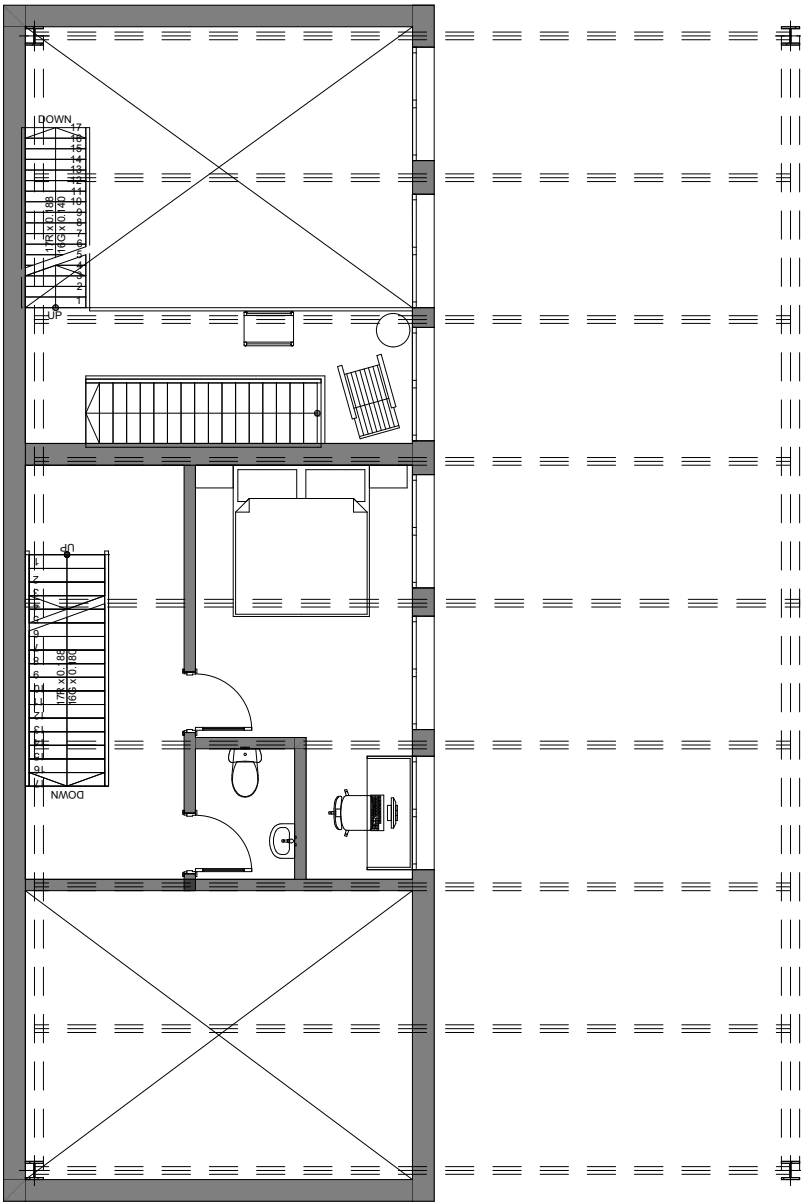




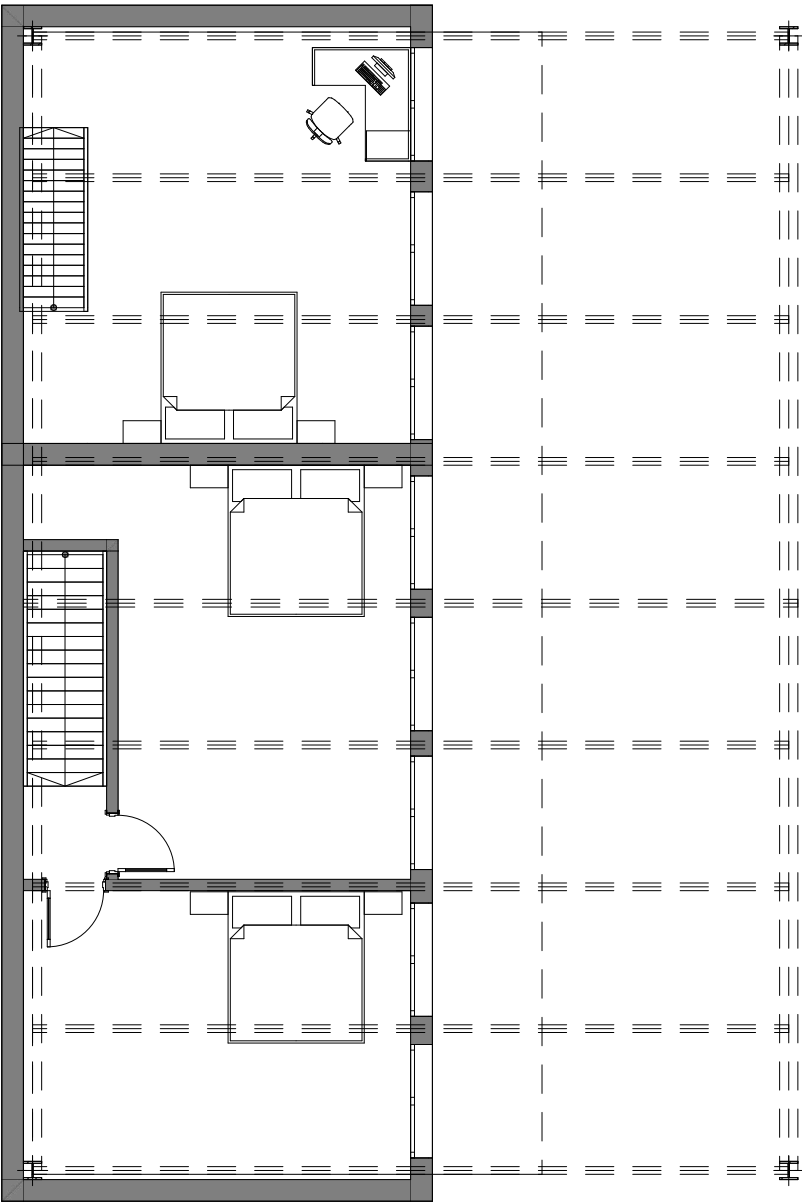
Typology B



Ground floor

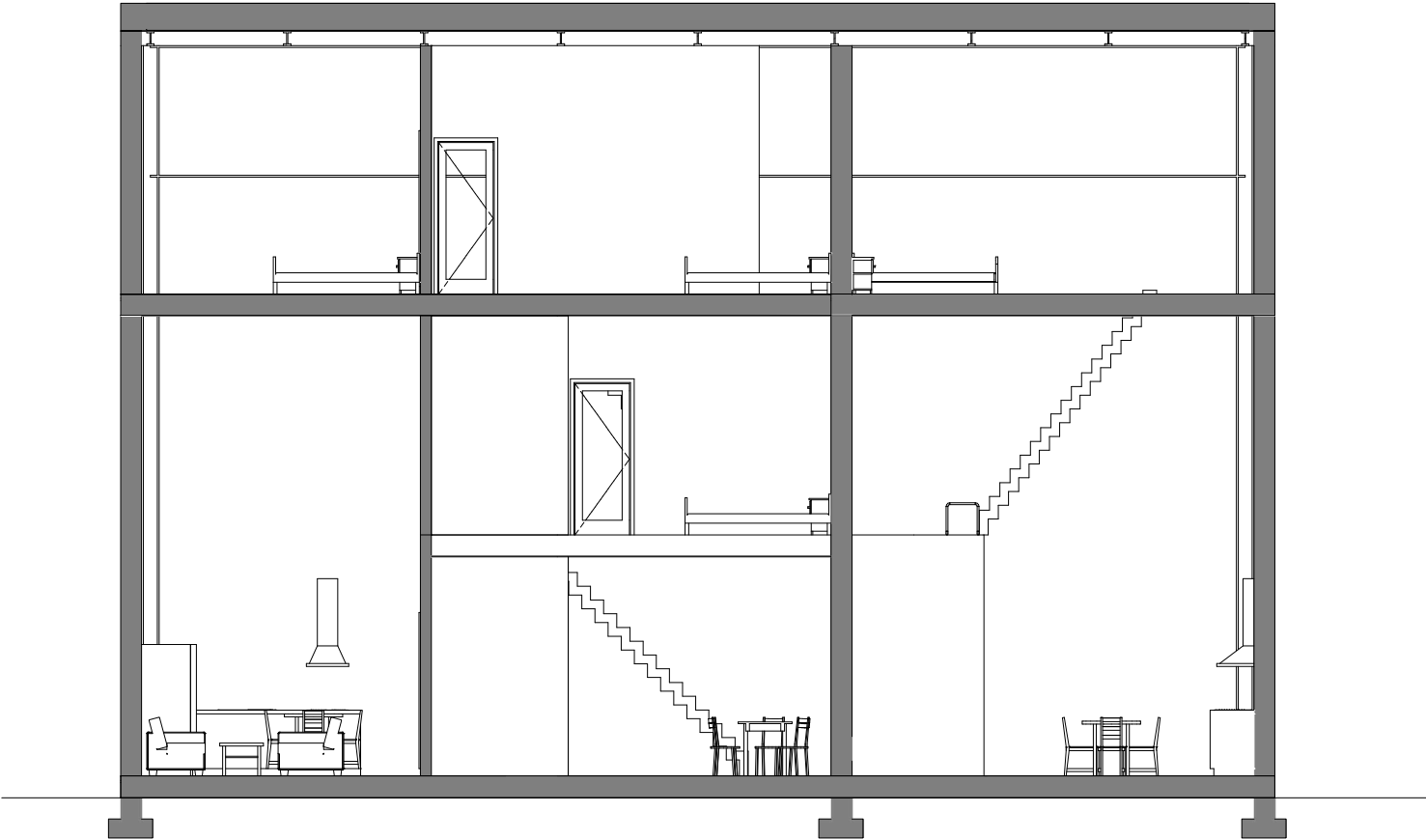


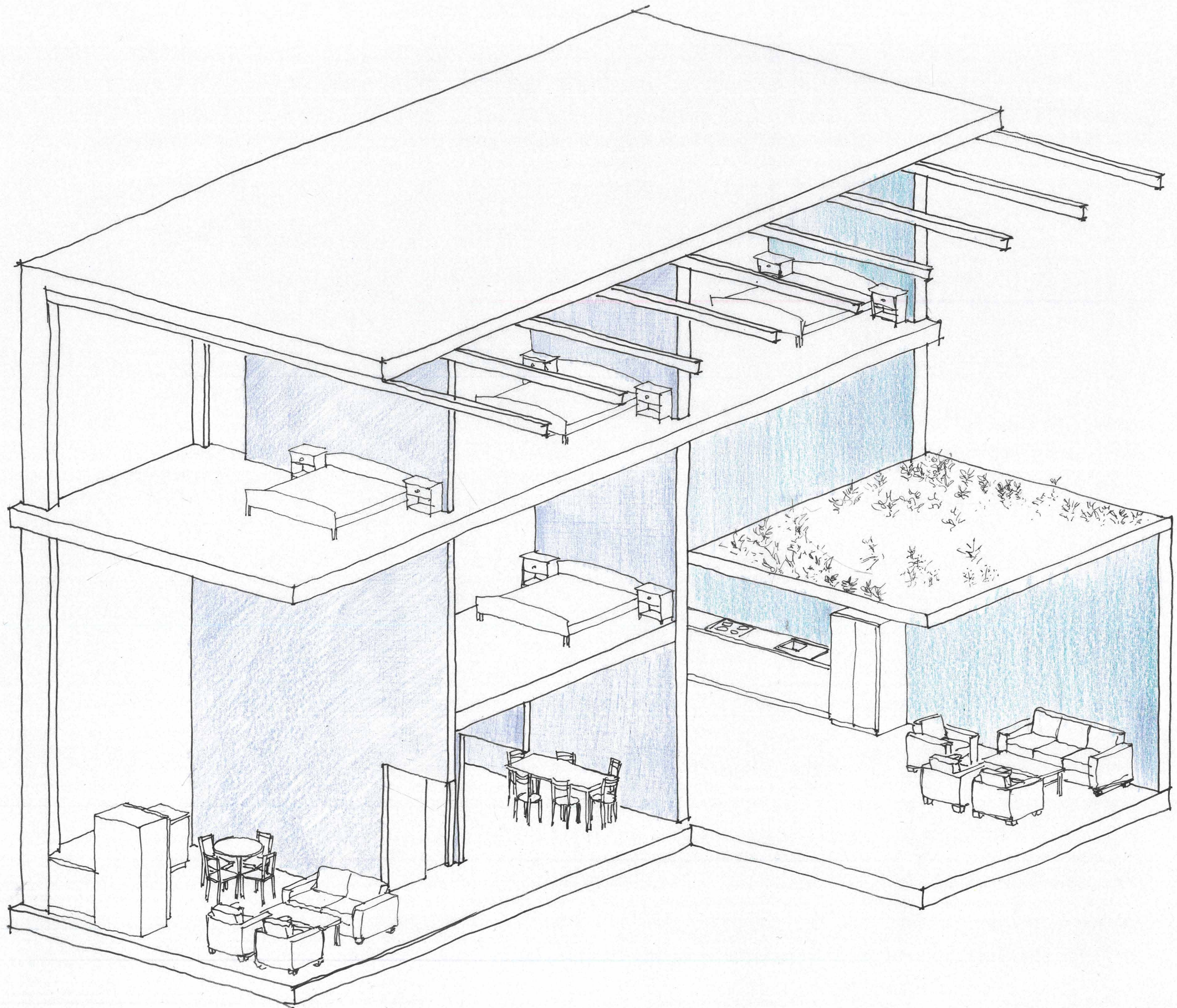
First floor



Second floor

Scale 1:100

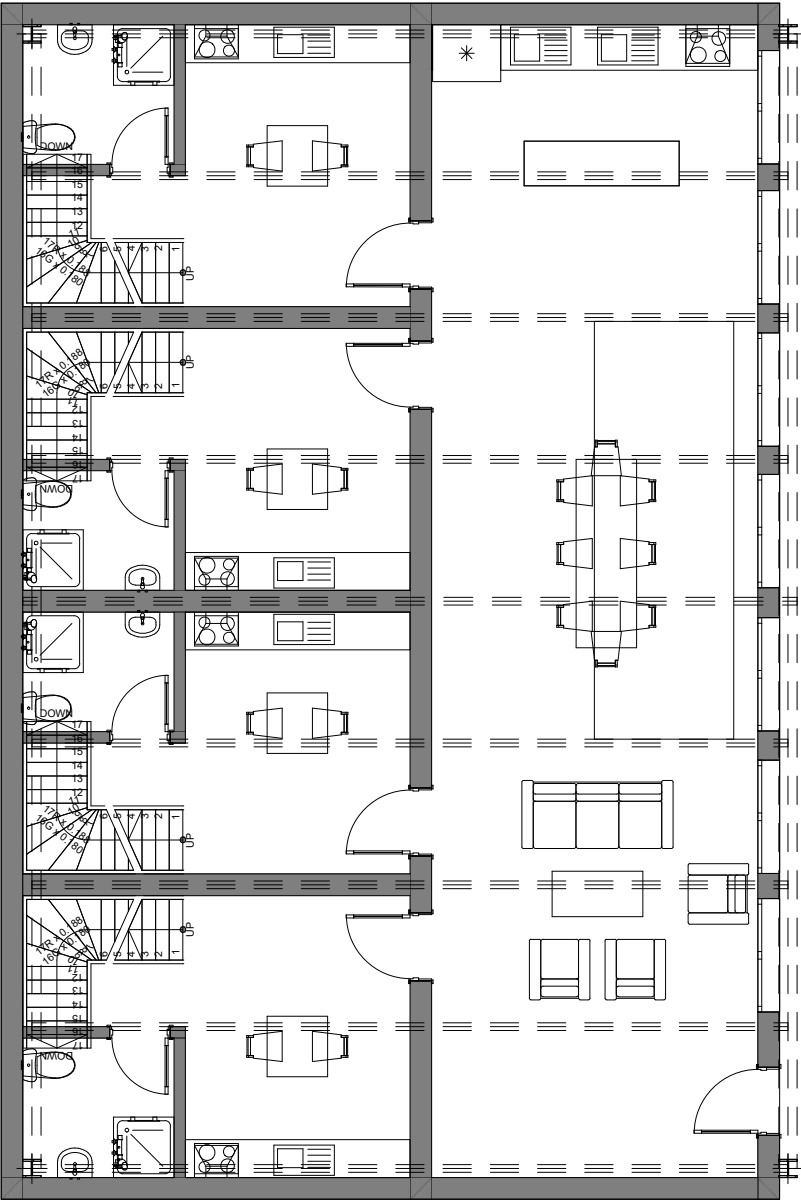




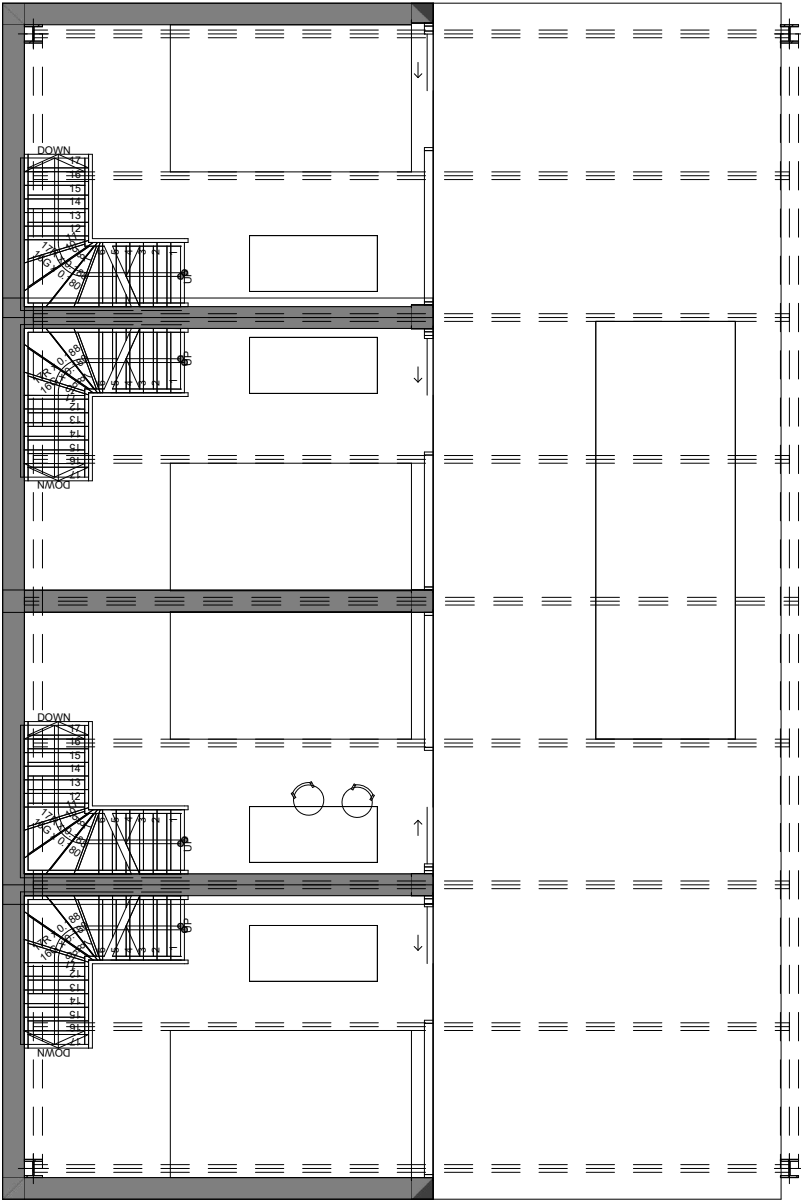




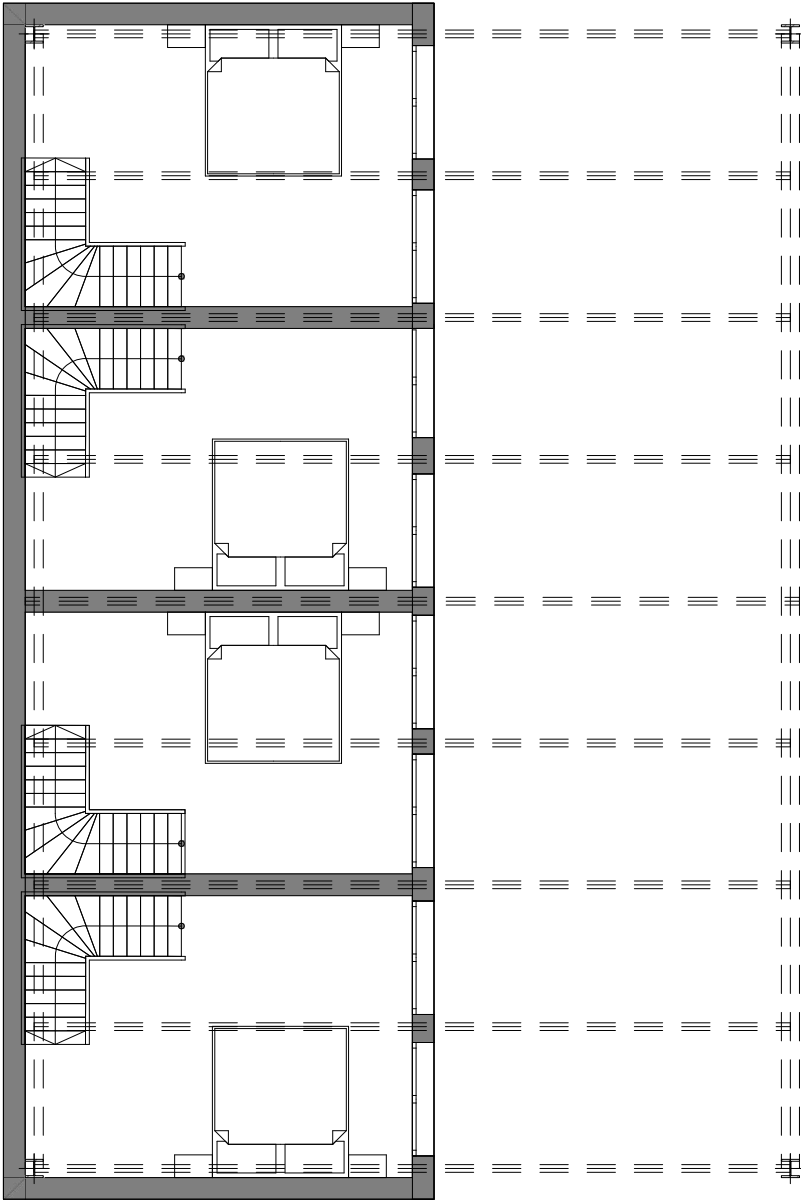




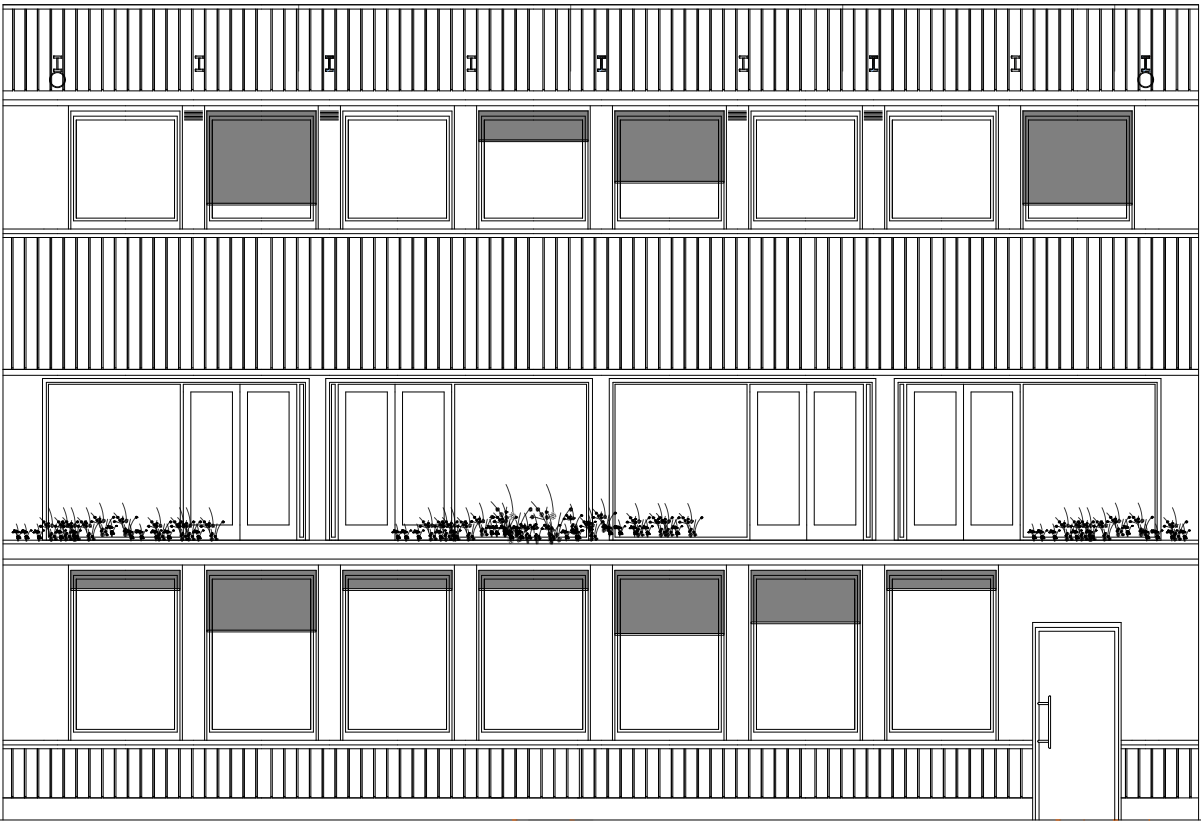
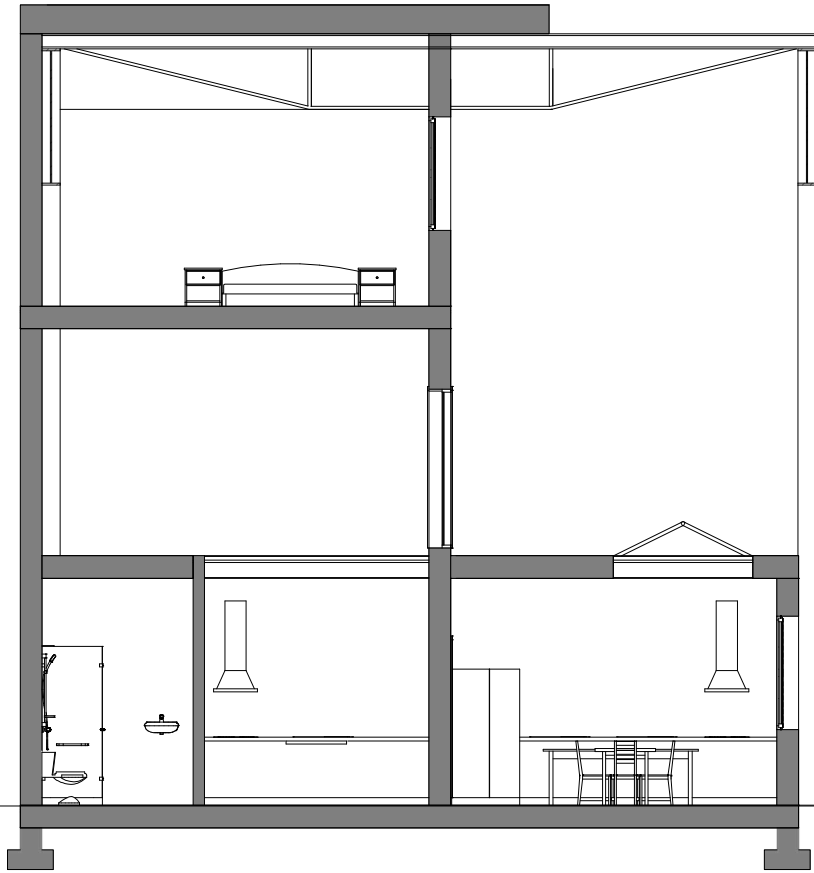
Ground floor

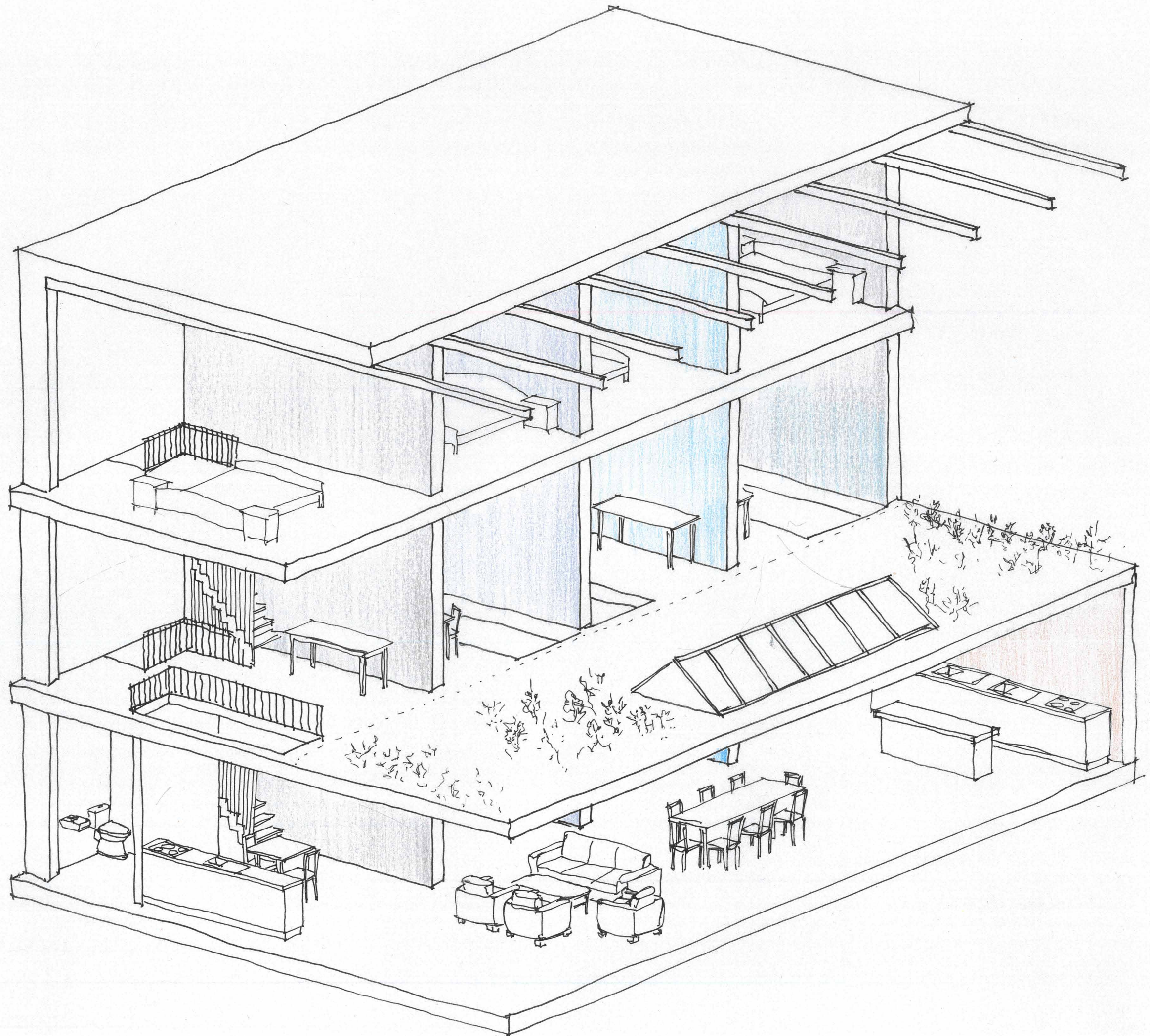


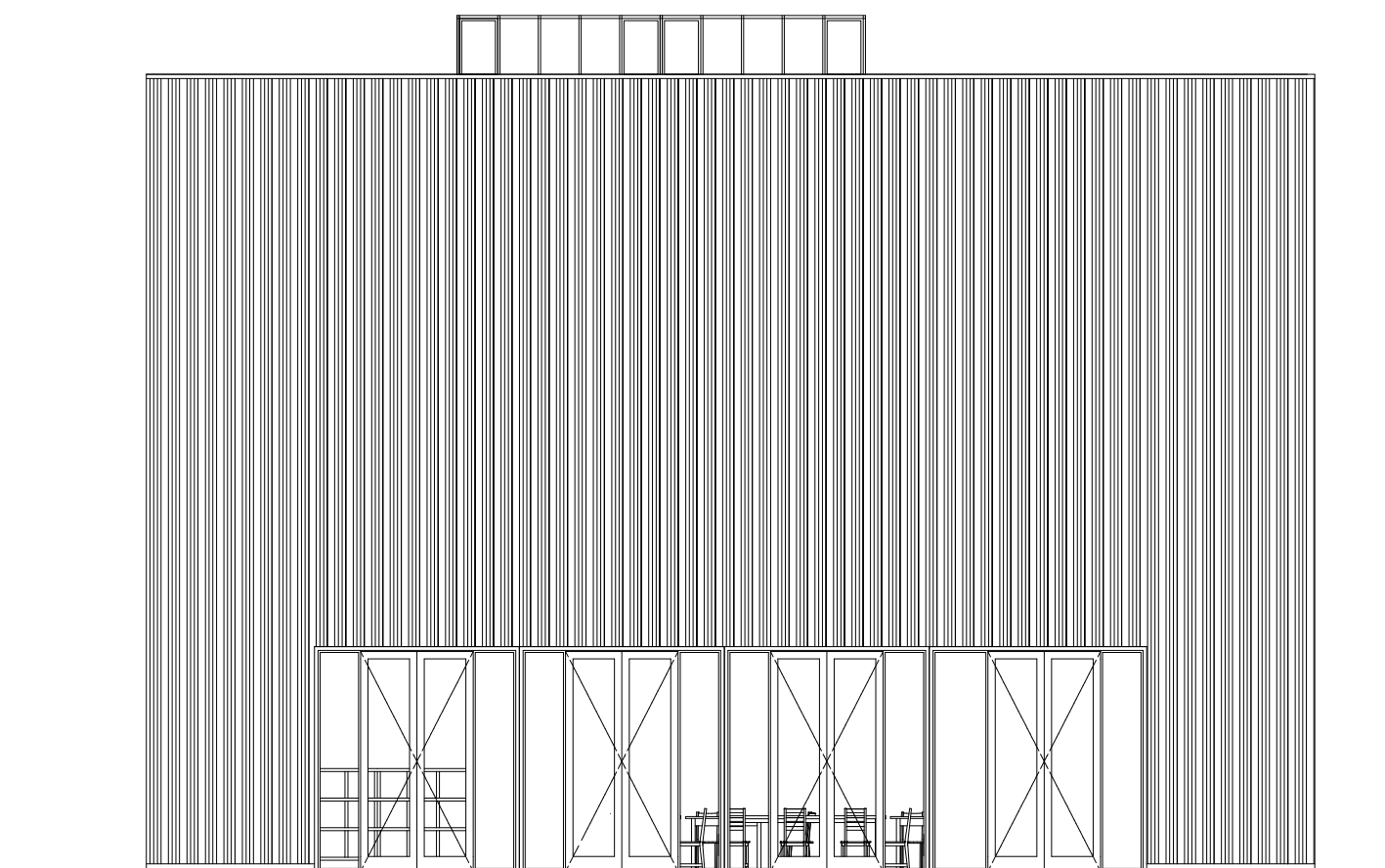
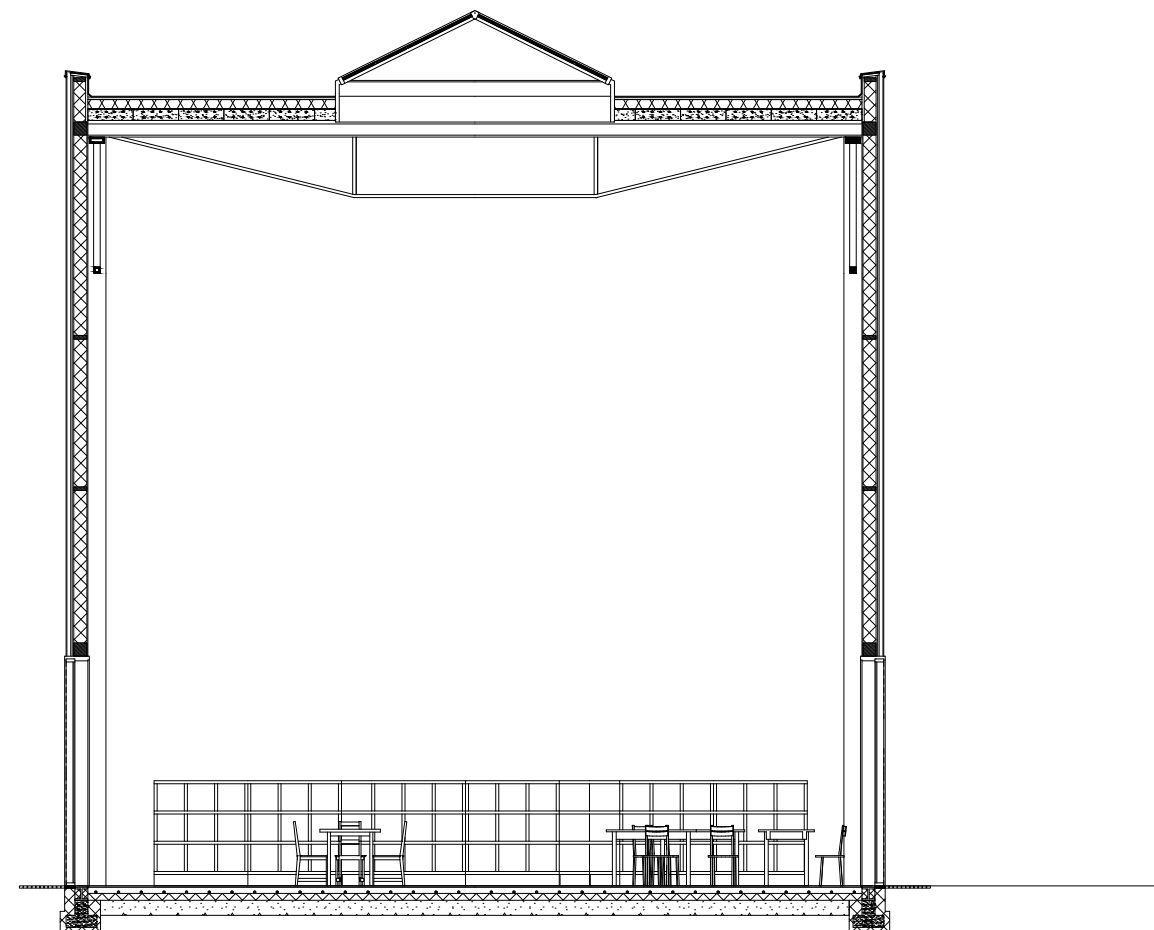
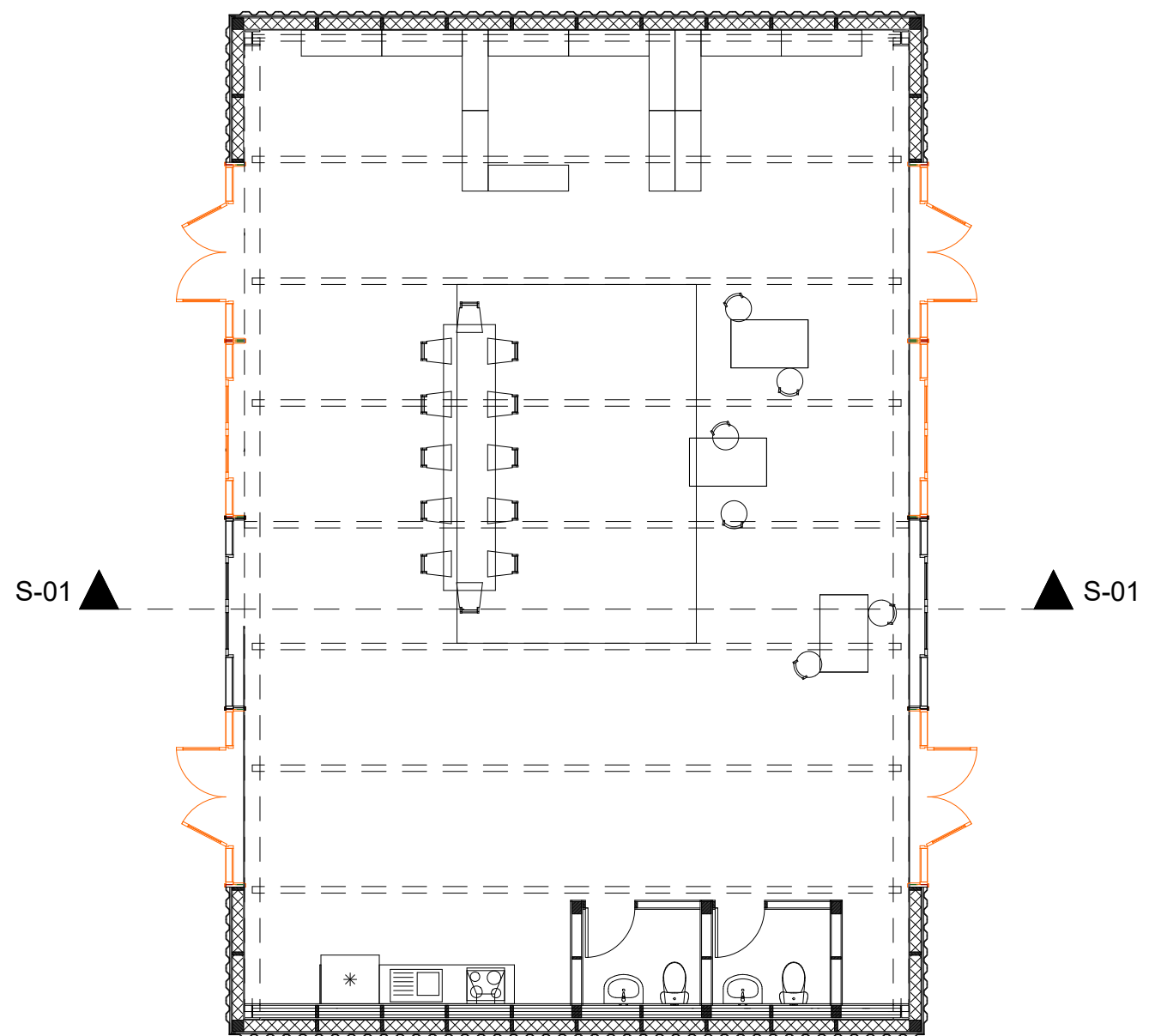
First floor



Second floor







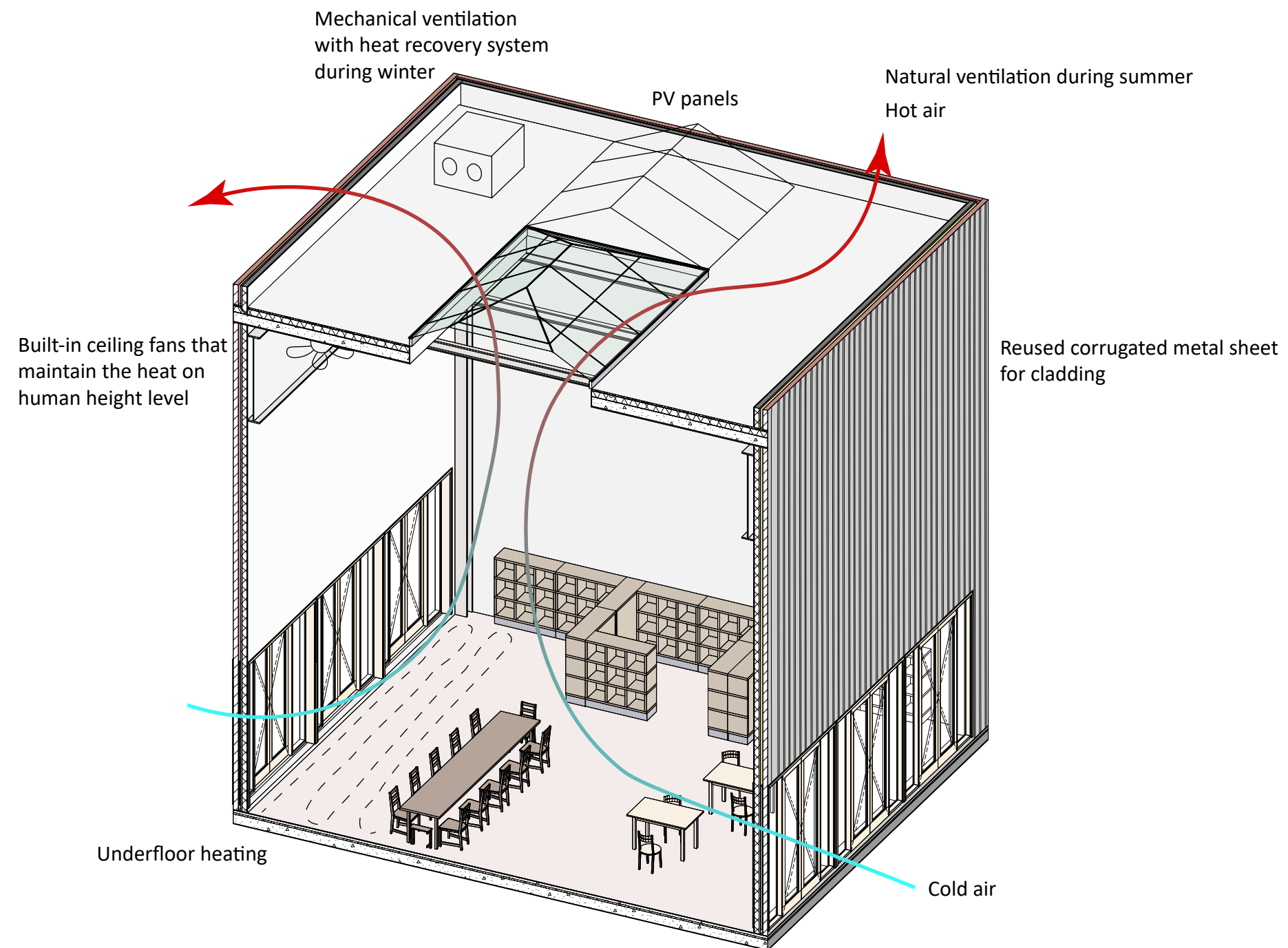


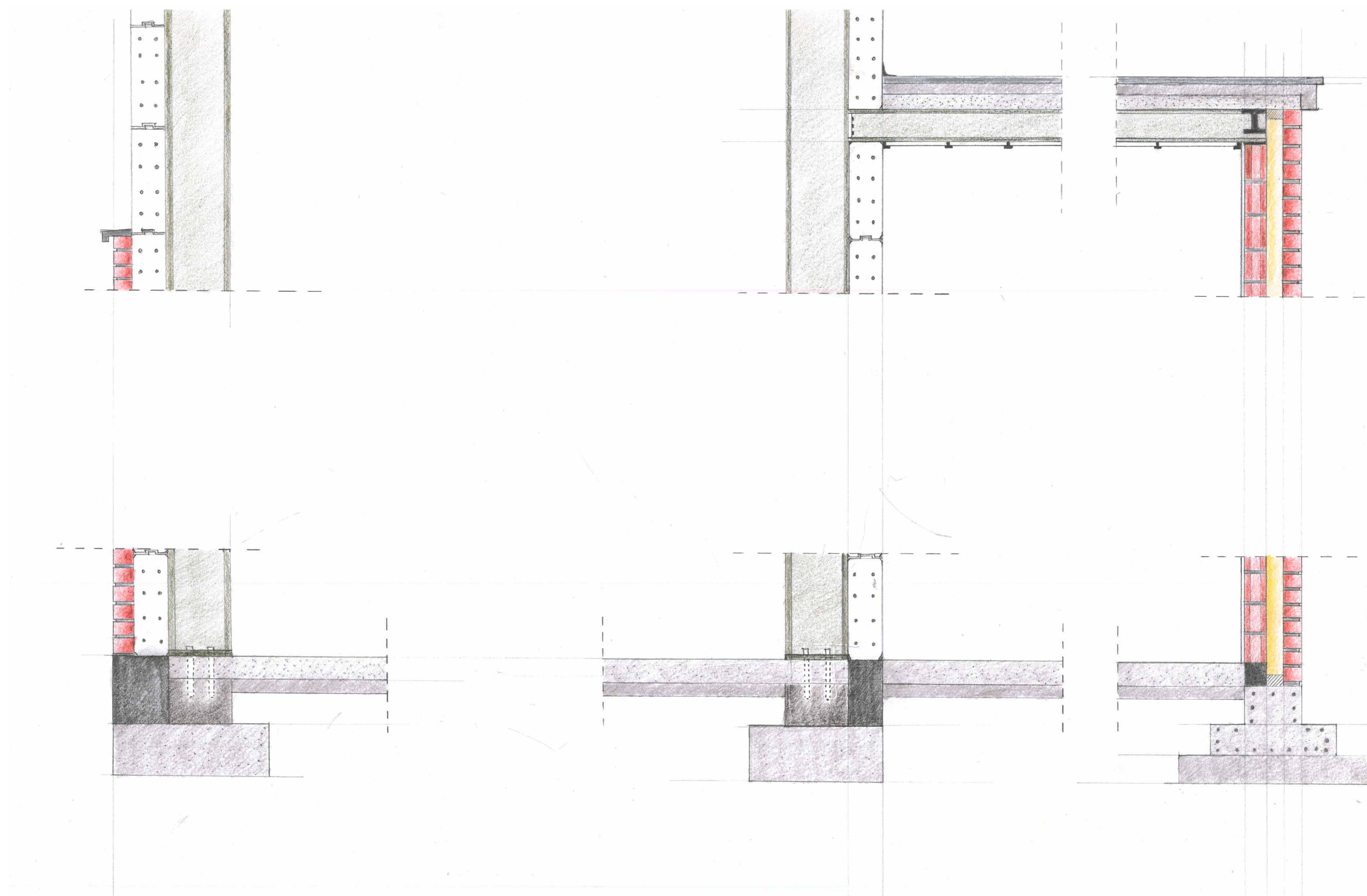
Working together

Fineliner and colored pencil on
paper

June 2025

In this case, the perspective from the workshop shows the transition from the inside to the outside. There are a lot of working tables, but outside a kid is playing with a swing that is hanging from the trusses. The theme of hanging is present everywhere: the lamps are hanging, the paintings are hanging on the wall, the tall space being emphasized.



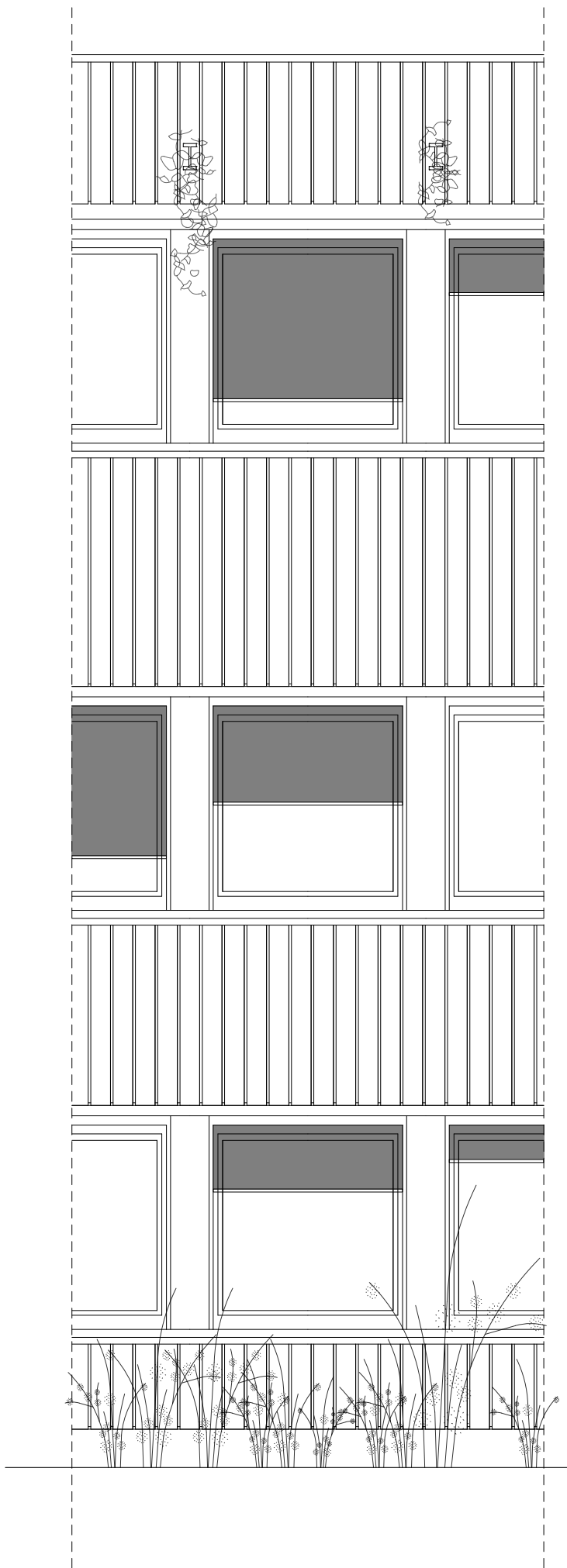
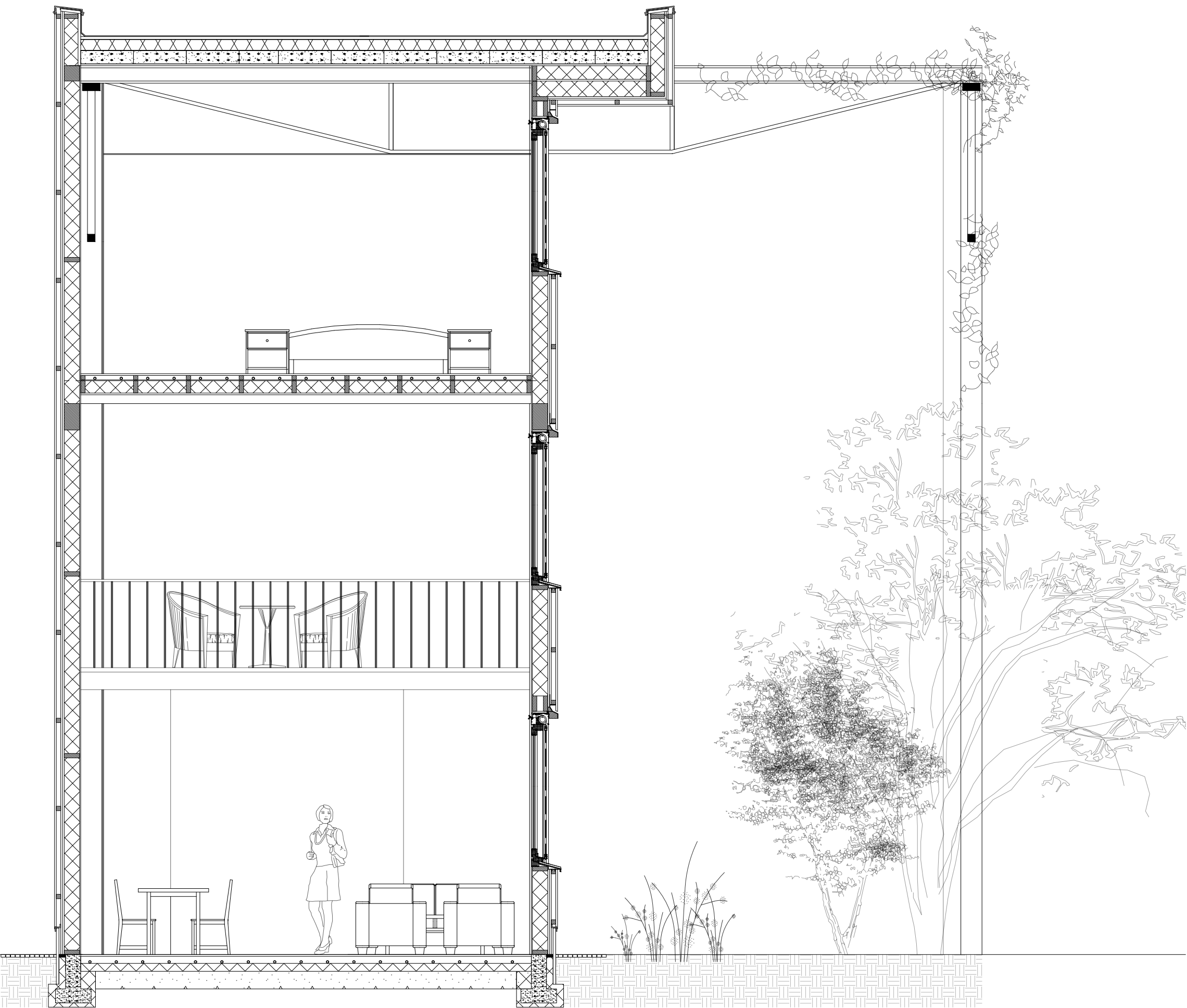


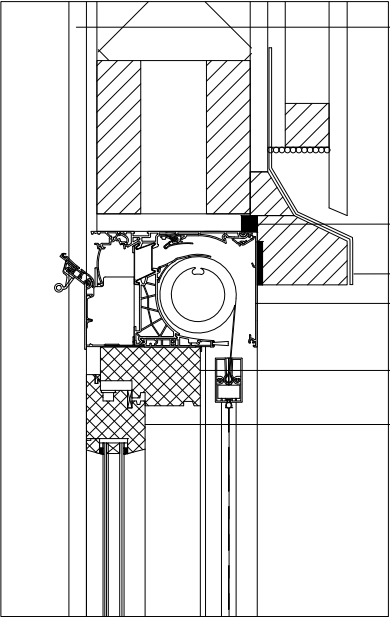
Materials and joints

Pencil and colored pencils on paper

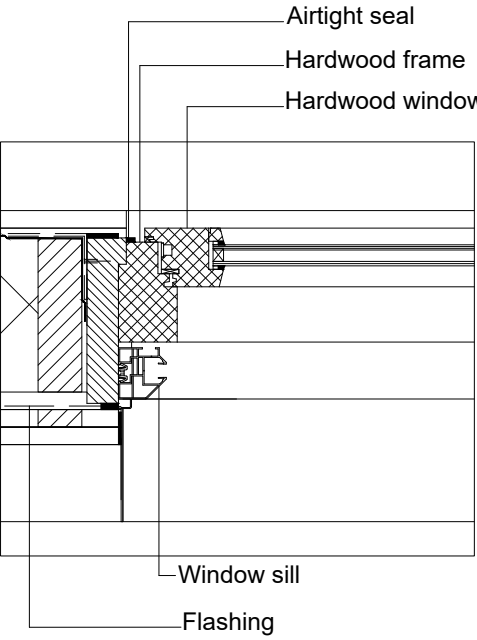
April 2025

Working with an existing building always brings challenges in terms of technical details. Through this section I managed to understand how the building works, how the brick extension is attached and which is the loadbearing structure. The colors bring the materials to life, making a detailed drawing very easy to read.

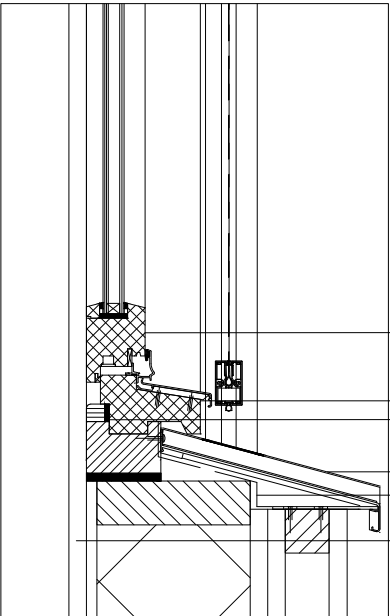




- Wall construction
- Interior finish
- Timber frame construction with insulation
- Plywood
- Horizontal battens
- Vertical wooden cladding
- Airtight seal
- Flashing
- Integrated sun protection curtain
- Hardwood frame
- Hardwood window

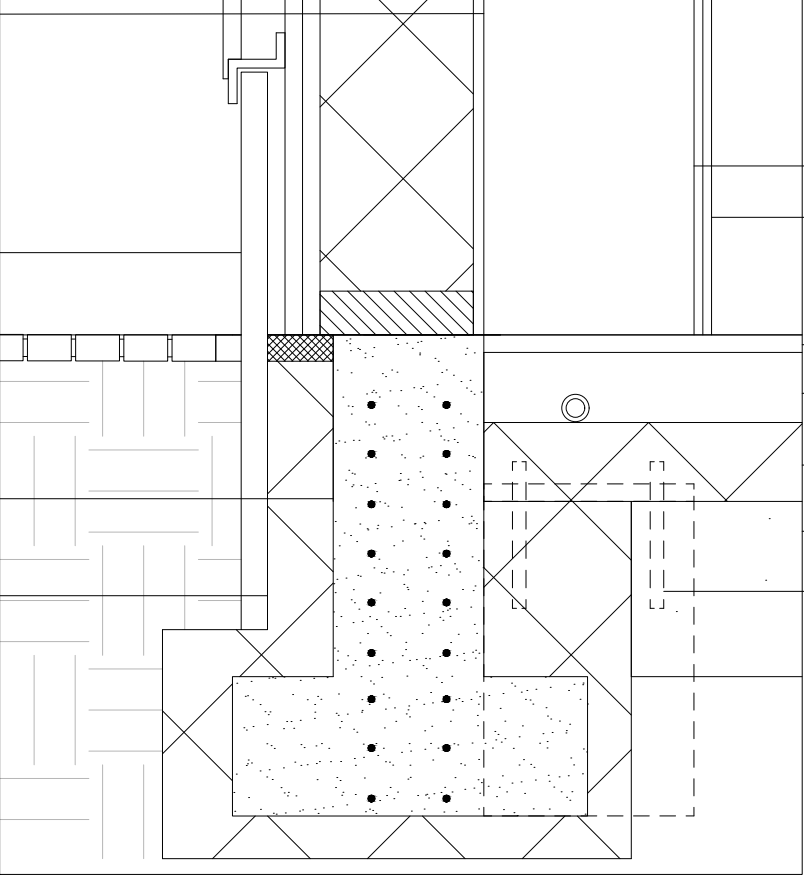


- Airtight seal
- Hardwood frame
- Hardwood window
- Window sill
- Flashing



- Hardwood window
- Hardwood frame
- Airtight seal
- Window sill
- Flashing
- Wall construction
- Interior finish
- Timber frame construction with insulation
- Plywood
- Horizontal battens
- Vertical wooden cladding

- Wall construction
- Interior finish
- Timber frame construction with insulation
- Plywood
- Horizontal battens
- Vertical wooden cladding
- Plinth insulation
- Reinforced cast-in-place concrete foundation
- EPS formwork insulation



- Existing steel column 240 mm
- 2 x fireproofing layer gypsum plates
- Floor finishing
- Underfloor heating screeding
- Thermo-floor insulation panel
- Existing cast-in-place concrete slab
- Existing steel column footing with anchor bolts



photographs of final model (1:20) - transformation & reuse: details of living





photographs of final model (1:20) - transformation & reuse