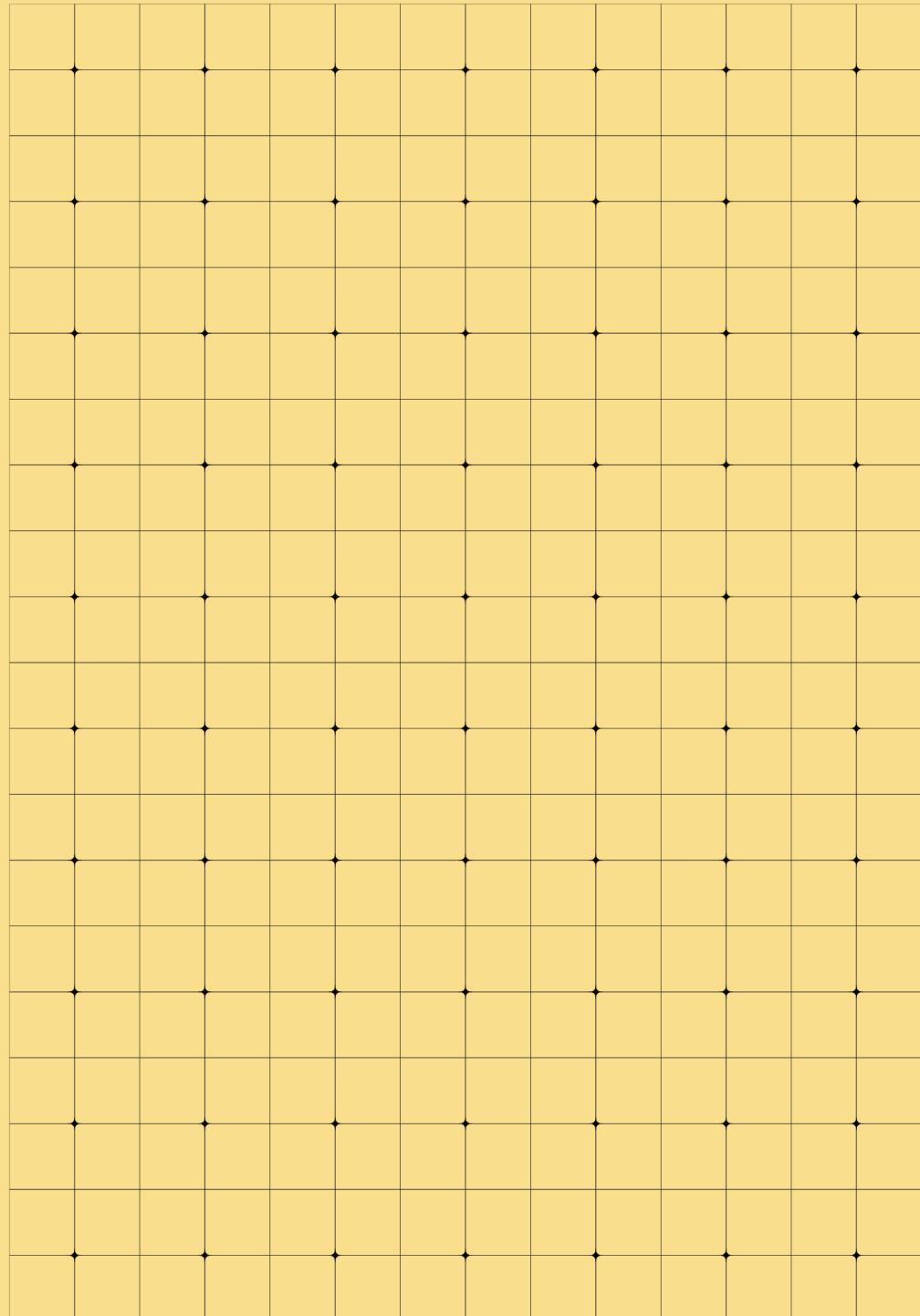


ÁRON

KOCH



SELECTED

WORKS

## ÁRON KOCH

aron.koch.ak@gmail.com  
+46 73 144 47 69

## EDUCATION

|  |                   |
|--|-------------------|
| Chalmers University of Technology - B.sc. Architecture   | 2022/09 - 2025/05 |
| University of Gothenburg (School of Economics) - Micro- and Macroeconomics, Behavioral Economics (15 ECTS) | 2023/09 - 2025/01 |
| Chalmers University of Technology - BIM (Extra Course) (3 ECTS)  | 2023/09 - 2023/11 |
| University of Gothenburg - Videography (15 ECTS)   | 2022/01 - 2022/06 |
| Lund University - Business Administration (30 ECTS)  | 2021/09 - 2022/01 |



### Architecture is a slow.

It demands time, care, and persistence, even in an age defined by speed and technology.

While I have dedicated time to mastering digital tools, I believe that the essence of what we create remains unchanged. Architecture still takes shape, occupies space, and carries meaning through its presence.

Sometimes, technology can feel more like an enemy than an ally, which is why I think an underlying philosophy is crucial, one that reflects the inherent nature of architecture.

I find myself closely aligned with architects such as Hermann Czech, whose idea that architecture only speaks when spoken to has been an important reference in my own work.

To me, this suggests a language of architecture that remains unassertive until engaged with, but once interacted with, it communicates deeply and intentionally.

Mastering this balance between restraint and expression takes time, something I am dedicated to.

Furthermore, my goal is to create architecture in a holistic sense, and to remain involved throughout the entire process from the drawing board to the construction site.

The following pages contain a collection of works completed during my studies, reflecting this ongoing pursuit.

/Áron

## EXPERIENCE

|   |                |
|---|----------------|
| Arkitema - Intern   | 2025/09 - Now  |
| During the autumn, I have been working as an intern at Arkitema's Copenhagen office, specifically in the infrastructure department, where I have been involved in iterative work on a pedestrian bridge project and contributed to the new M5 metro system. |                |
| Chalmers University of Technology - Teaching Assistant  | 2024/09 - 2025 |

Assisted in teaching BIM using Revit; provided guidance on modeling, project organization, and workflow optimization to first-year engineering students. Supported students through hands-on exercises and troubleshooting of technical issues.

|   |                   |
|---|-------------------|
| CSR - Art Director  | 2023/01 - 2024/02 |
| Collaborated with a team of graphic designers at Chalmers University's recruiting firm. Responsibilities included developing social media marketing material and coordinating with various companies to effectively connect with suitable student recruits. |                   |

## SOFTWARE

|         |              |
|---------|--------------|
| Rhino   | Photoshop    |
| Revit   | Premiere Pro |
| Enscape | Illustrator  |
| VRay    | Indesign     |

## In my spare time:



## LANGUAGES

Swedish - Native  
English - Fluent  
Danish - Proficient  
Hungarian - Proficient

# A PAVILION IN TRANSYLVANIA

4th semester (Outside of School)  
2024 - W.I.P

Situated in the Carpathian Mountains of Transylvania, the pavilion is the result of a self-initiated project conceptualized during my fourth semester and constructed the following summer. It was built on top of a hill adjacent to my mother's childhood home in the rural village of Haraly.

The number of lessons learned during this project cannot be overstated. The project showed me the importance and benefit of precision and detail work.

Planning the logistics of construction was a challenge. This involved both preparing materials in Sweden and communicating with suppliers in Romania. Due to the remote location, we had to opt for solutions like using a horse and carriage to transport the necessary materials.

Since logistics were difficult, supplies limited, and the building was constructed entirely by me and my friends, our problem-solving abilities were truly put to the test. This introduced me to a whole new dimension of the design process, where you have to deal with moment decisions. Some design choices were made deliberately to enable flexibility, for example using plywood as the main material for the facade.

The project was an incredible challenge, one that is hard to capture in a short text. However, I could not be happier to have experienced the memories and lessons that came with it. Although it is not yet finished, the building now stands as a true testament to both naivety and willpower.



1



1

Site: Haraly, Romania

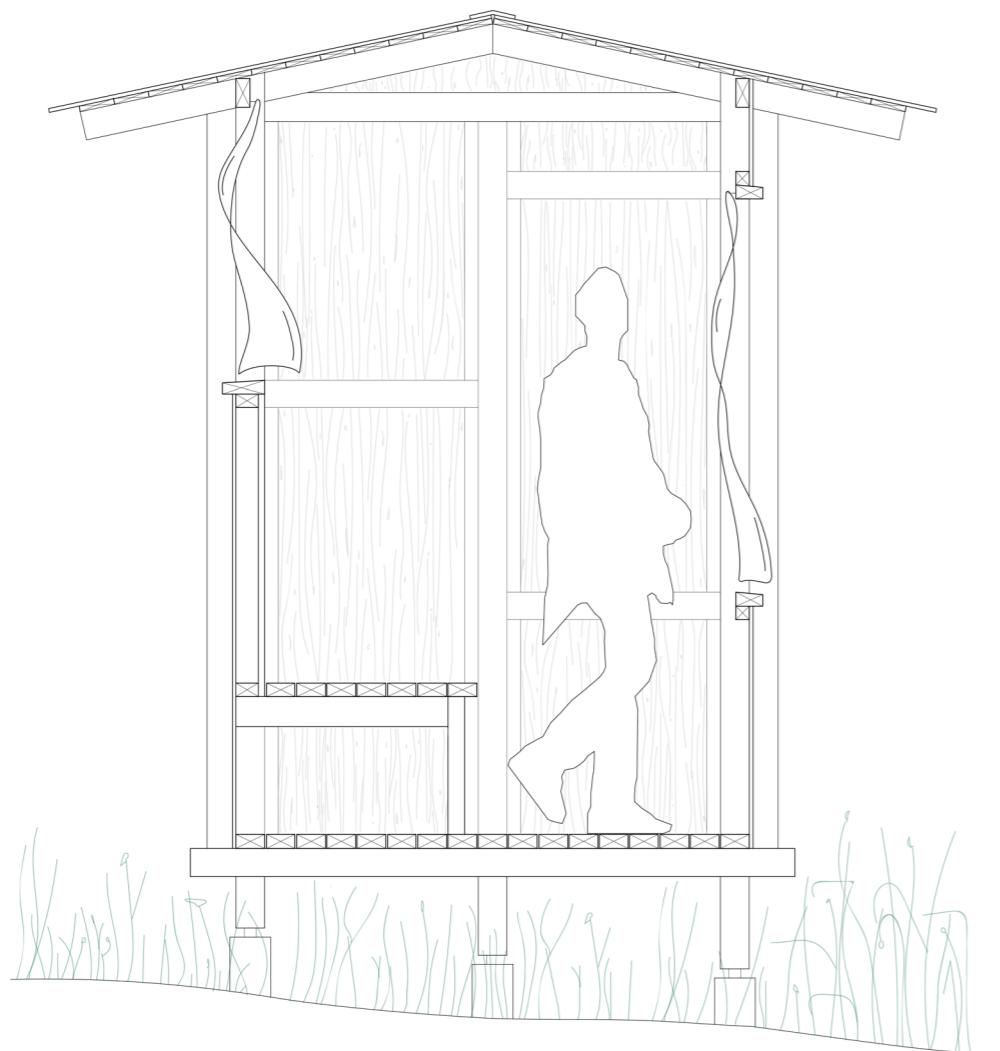


2



3

Building with friends  
Material delivery by horse and carriage



1

0 0,5 m



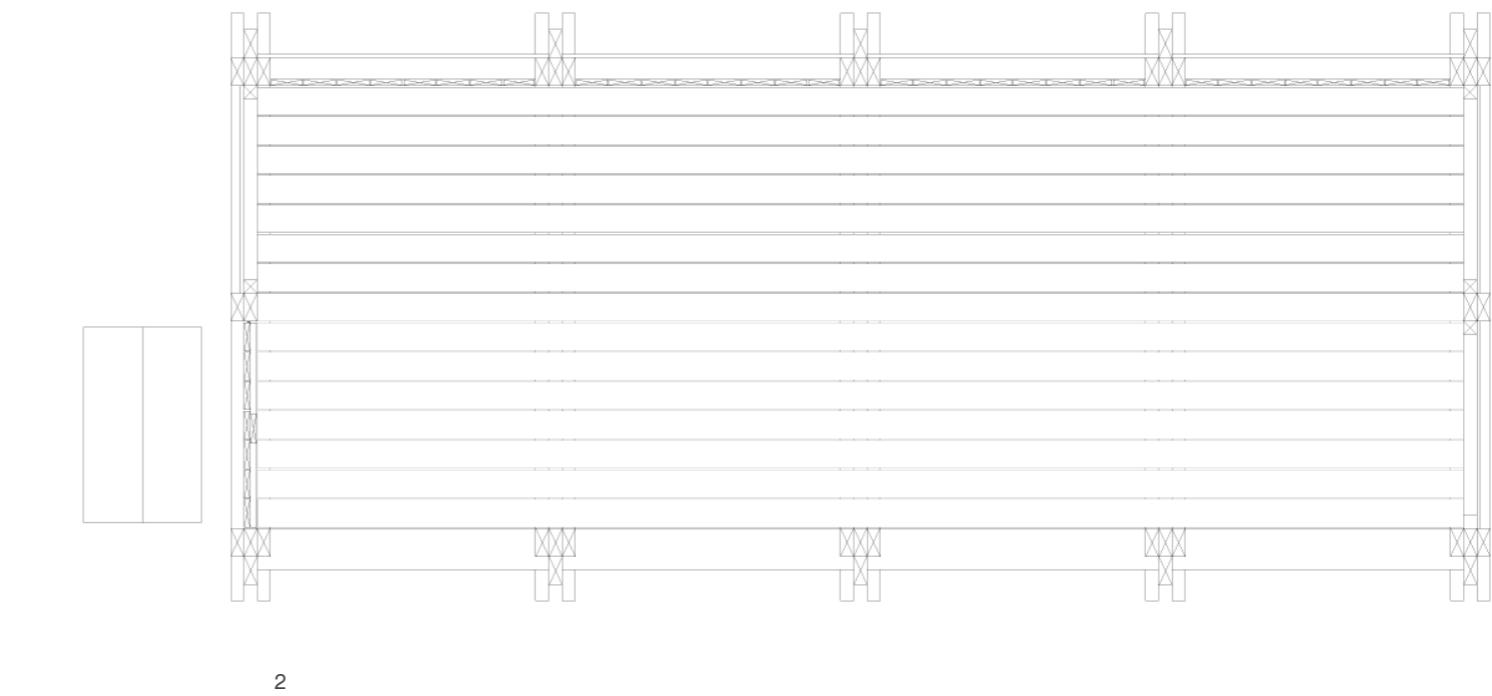
2

Facade North



1

Facade Northeast



2

Plan



0 0,5 m



1

# OSBORNE

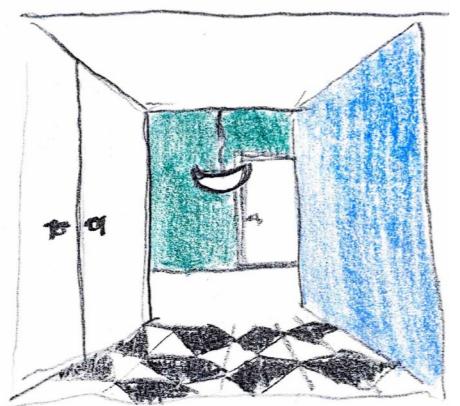
3rd semester

The goal of this housing project was to preserve the historical character of the area while maintaining a contemporary feel and materiality.

In this case, adapting to the surrounding environment felt most appropriate. This becomes evident in the rhythmic facade facing the street, which closely mimics the typical building typology found in the neighborhood. The western facade, while still restrained, opens up further to take advantage of the afternoon sun and the adjacent park environment.

The ground floor features a commercial space that benefits from the corner location, while also accommodating bicycle storage, a laundry room, and a waste management area. The upper floors house three apartments: two of equal size and generosity, and one that is slightly smaller yet efficiently designed to maximize space.

In hindsight, there are several aspects worth reconsidering and challenging about this design from my second year. One of them would be to compress the floor plans of the larger apartments to free up space and create more resource-efficient living. Although I still think they would make for great living environments, incorporating sustainable solutions is something I want to emphasize more strongly in my designs moving forward.



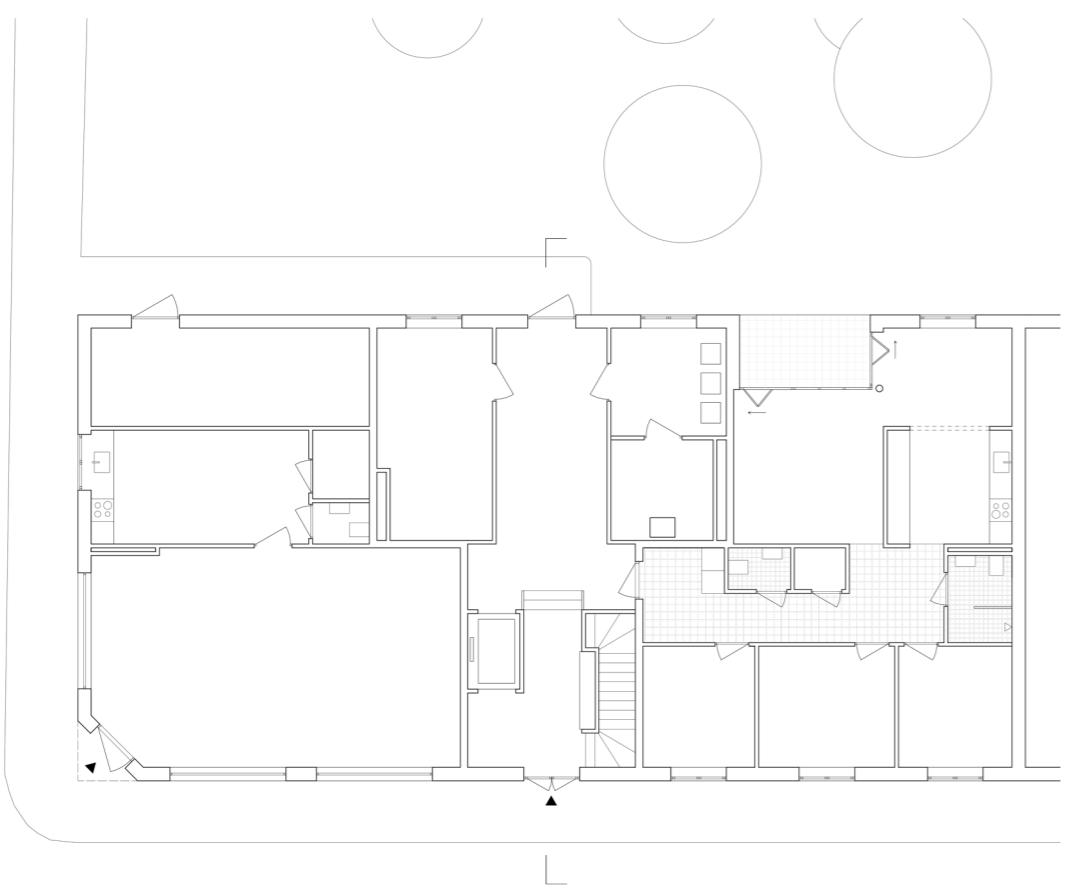
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2



1



2



0 3m

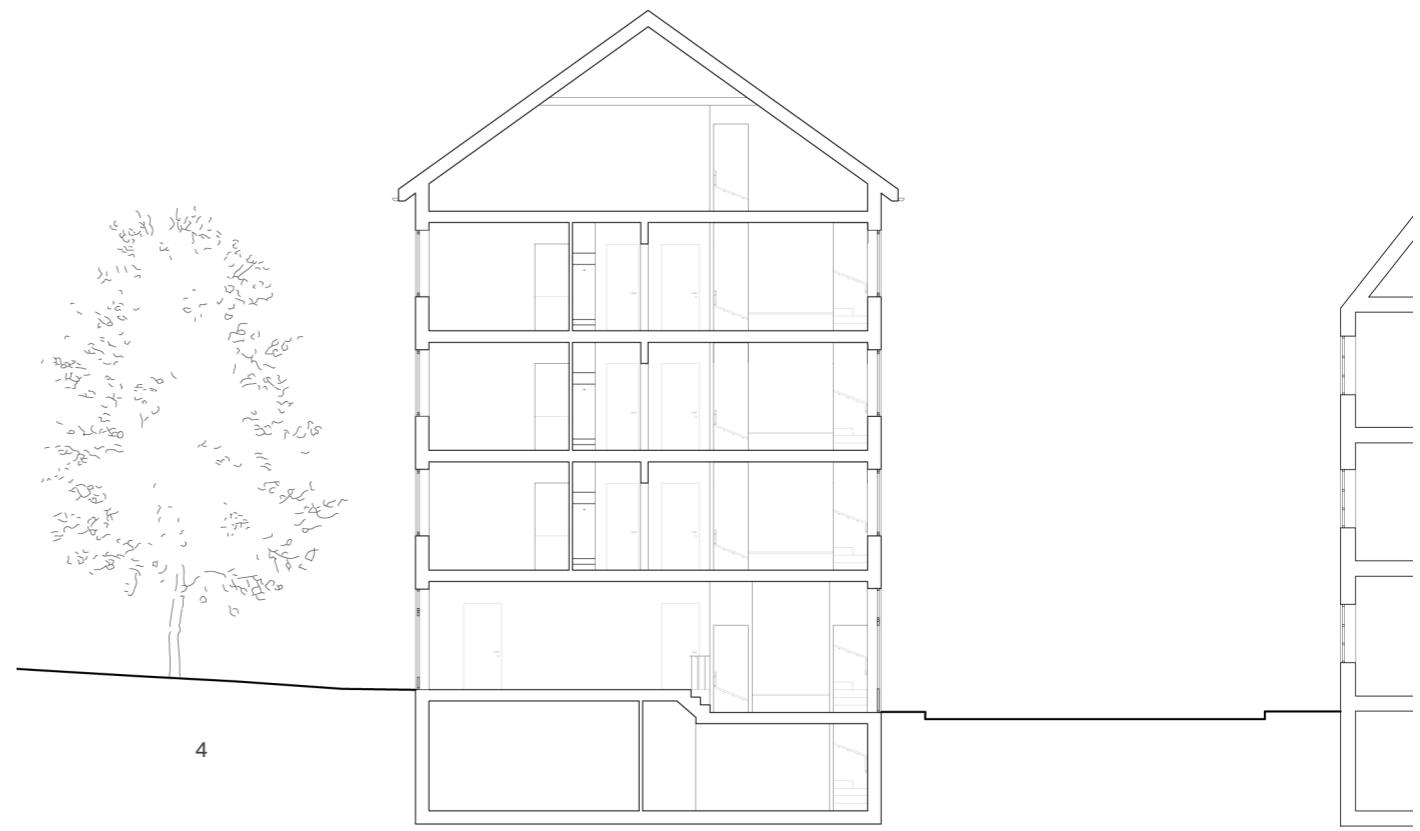
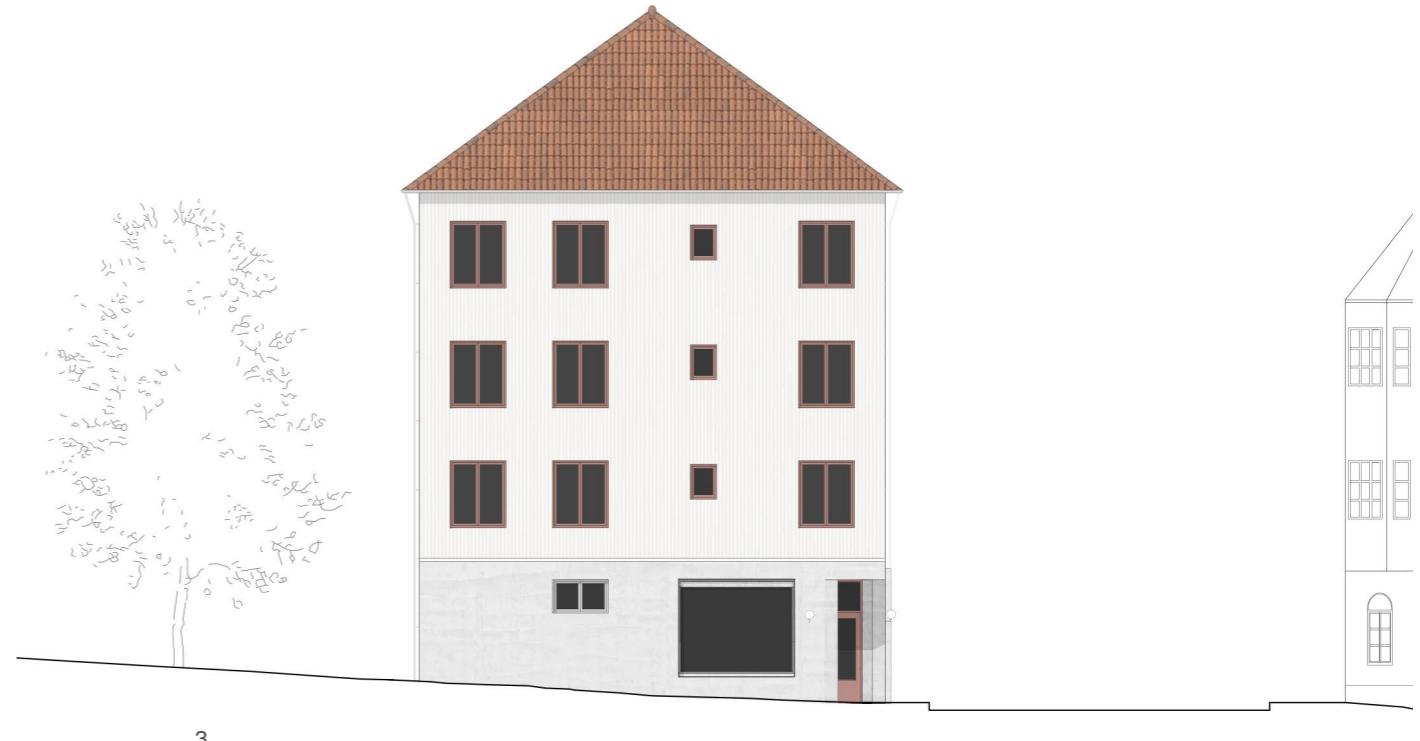
3  
41  
2  
Typical floor plan  
Ground floor

3



4

Living/kitchen  
Stairwell/hallway



# FUTURE PROOF BUILDINGS

6th semester

This mixed-use project is centered on the idea of creating buildings that remain flexible to meet Gothenburg's future needs.

The three buildings are located at the harbor in Gothenburg's historic fish-handling district. This industrial context has inspired both the architectural language and material choices, with corrugated metal cladding referencing the area's character.

Structurally, the buildings are designed around a low-carbon framework of wooden columns and cross-laminated timber. The modular grid system allows each floor to accommodate either six residential units or a full office layout. Interior walls can easily be erected between the columns to reconfigure spaces as needs evolve, while maintaining optimal placement of service shafts and circulation cores. The awning system further elaborates on this flexibility between uses.

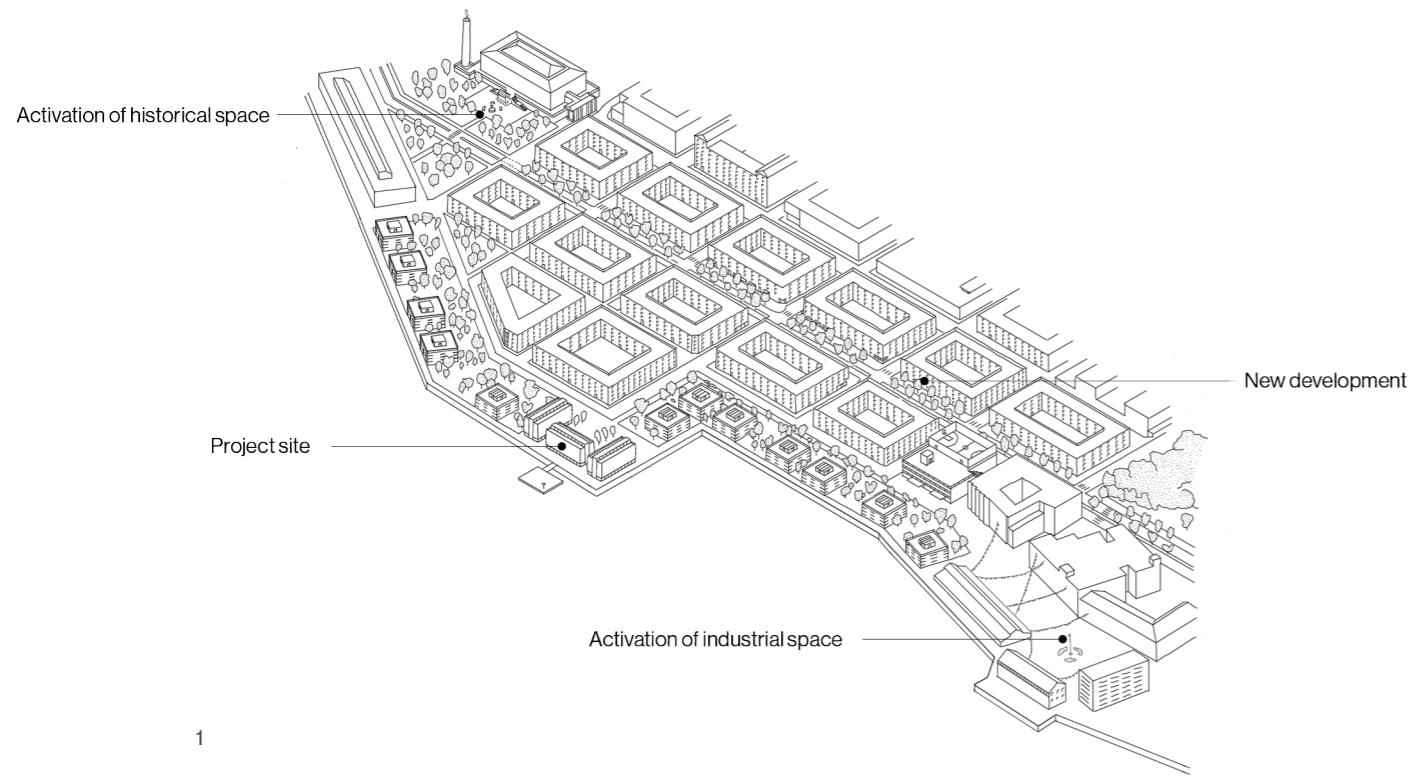
Together, the three volumes define a public square that acts as a social focal point. The ground floors feature generous glass façades housing commercial spaces that invite the city in, encouraging interaction between residents, visitors, and the surrounding urban fabric.

I wanted to experiment with how a rigid framework can be used to create flexibility. I also wanted to further explore and come closer to what could be considered highly buildable in the Swedish context, while maintaining a balance between good design and economy.

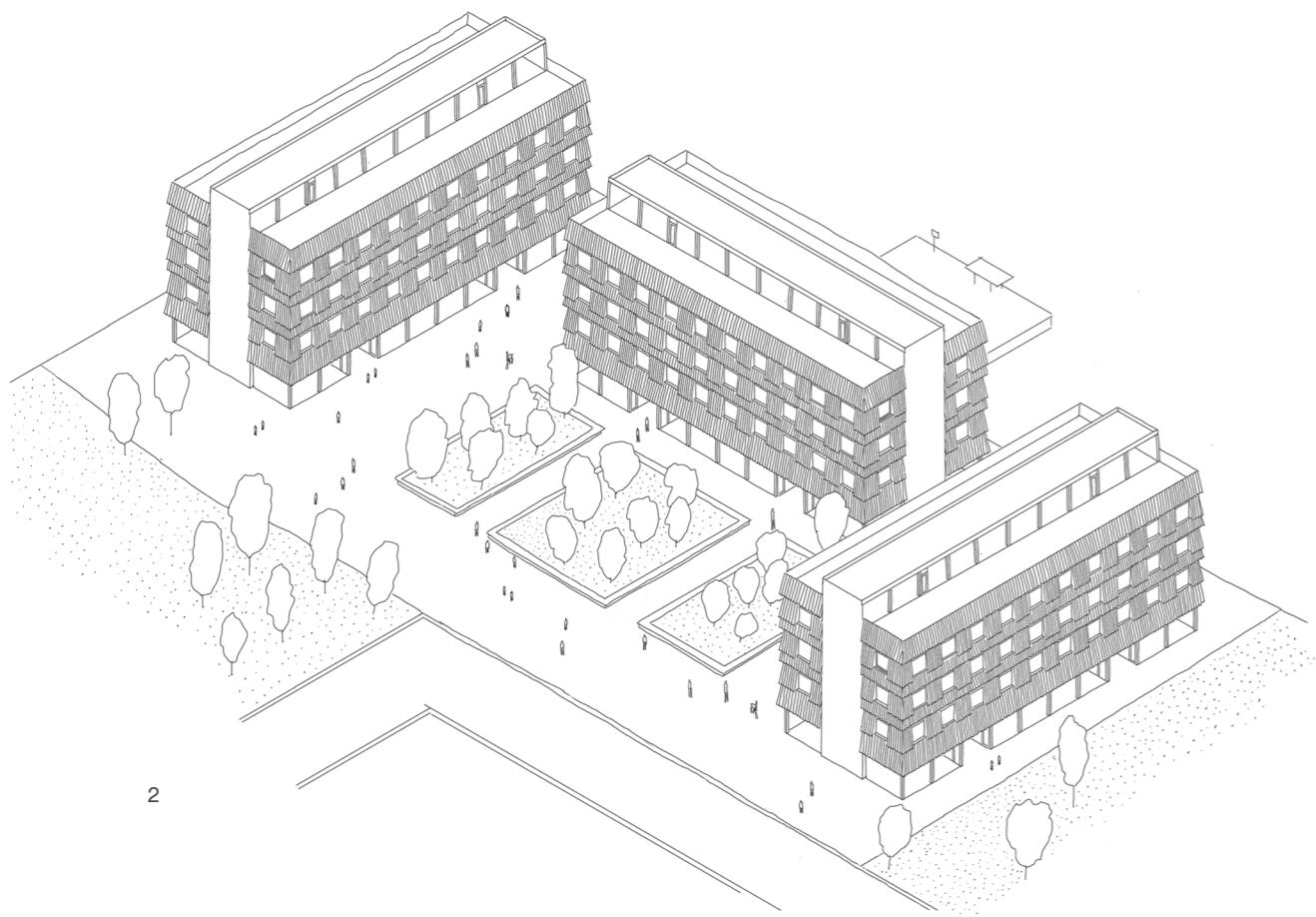
This project is also a part of a broader assignment of creating a new master-plan for the development of the industrial harbor, as can be seen in the following pages.



1

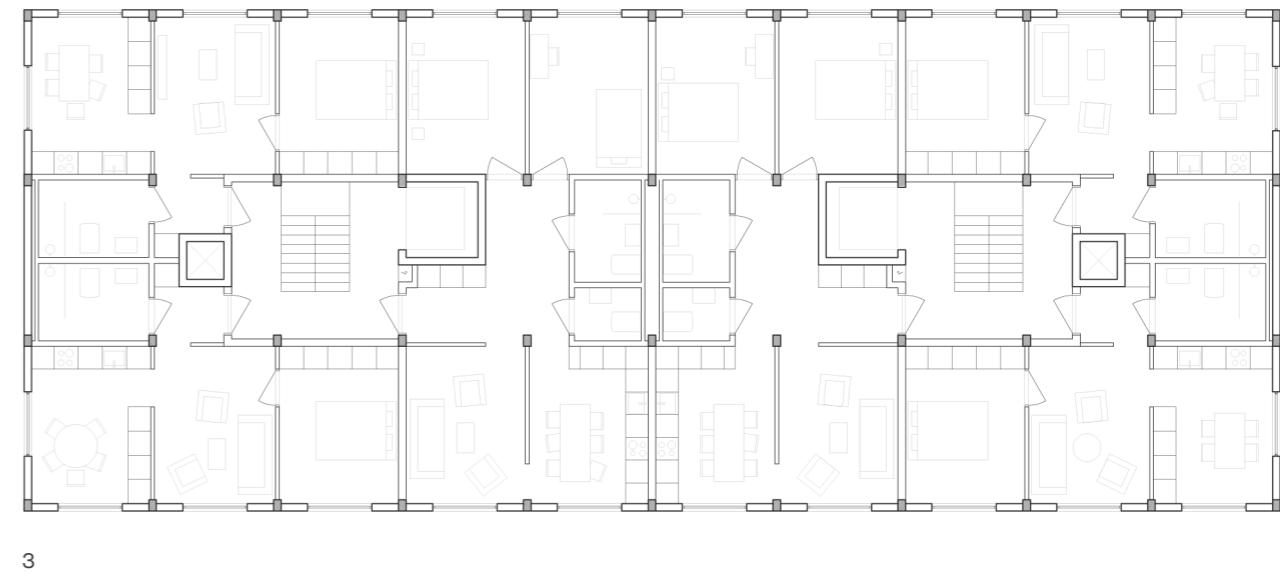


1

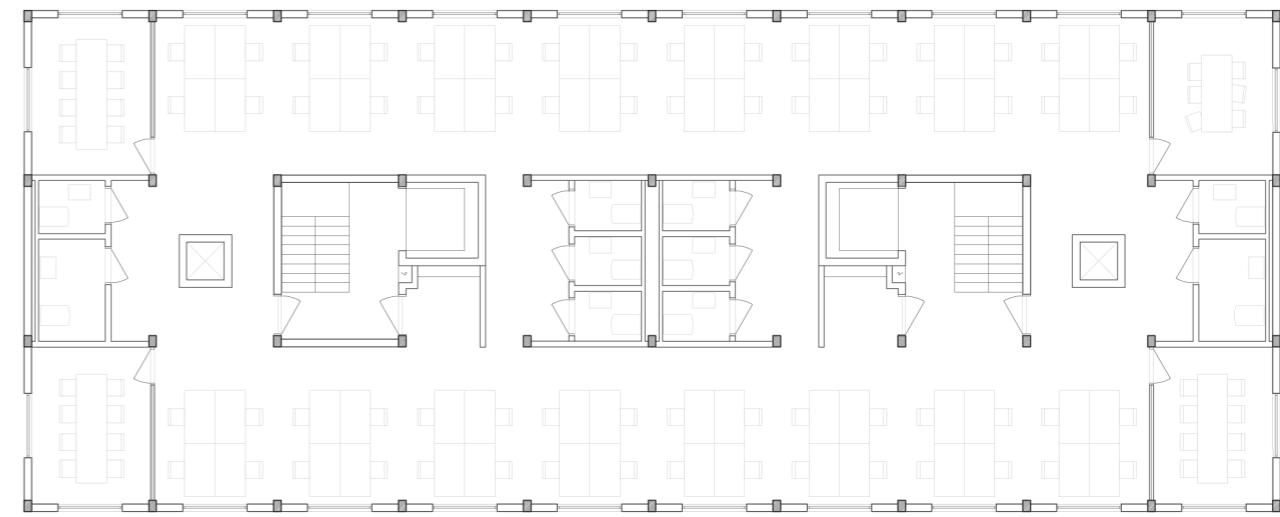


2

1 Axonometric over new development  
The three volumes create an urban space in the middle



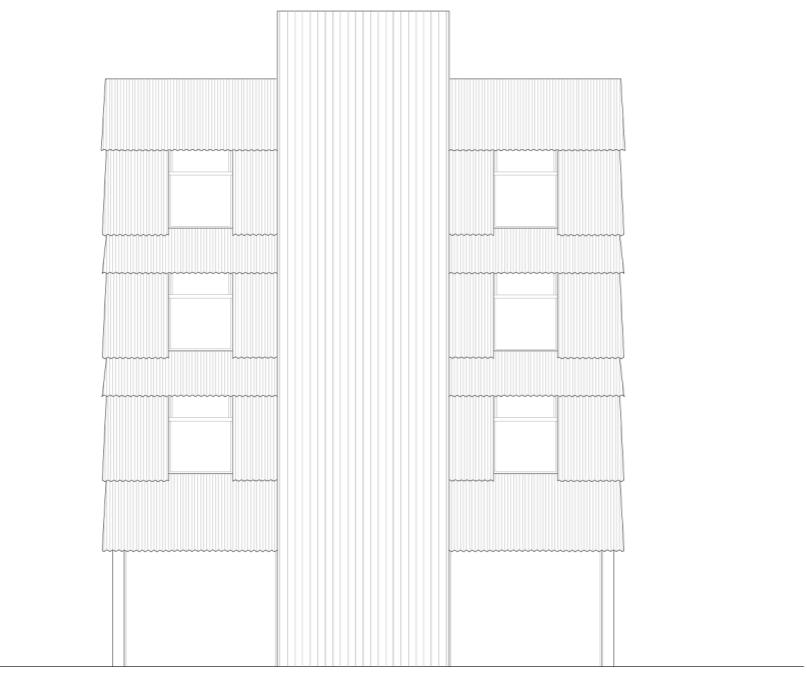
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4

3 Floor plan - Apartments  
4 Floor plan - Office space

0 3 m



1



2

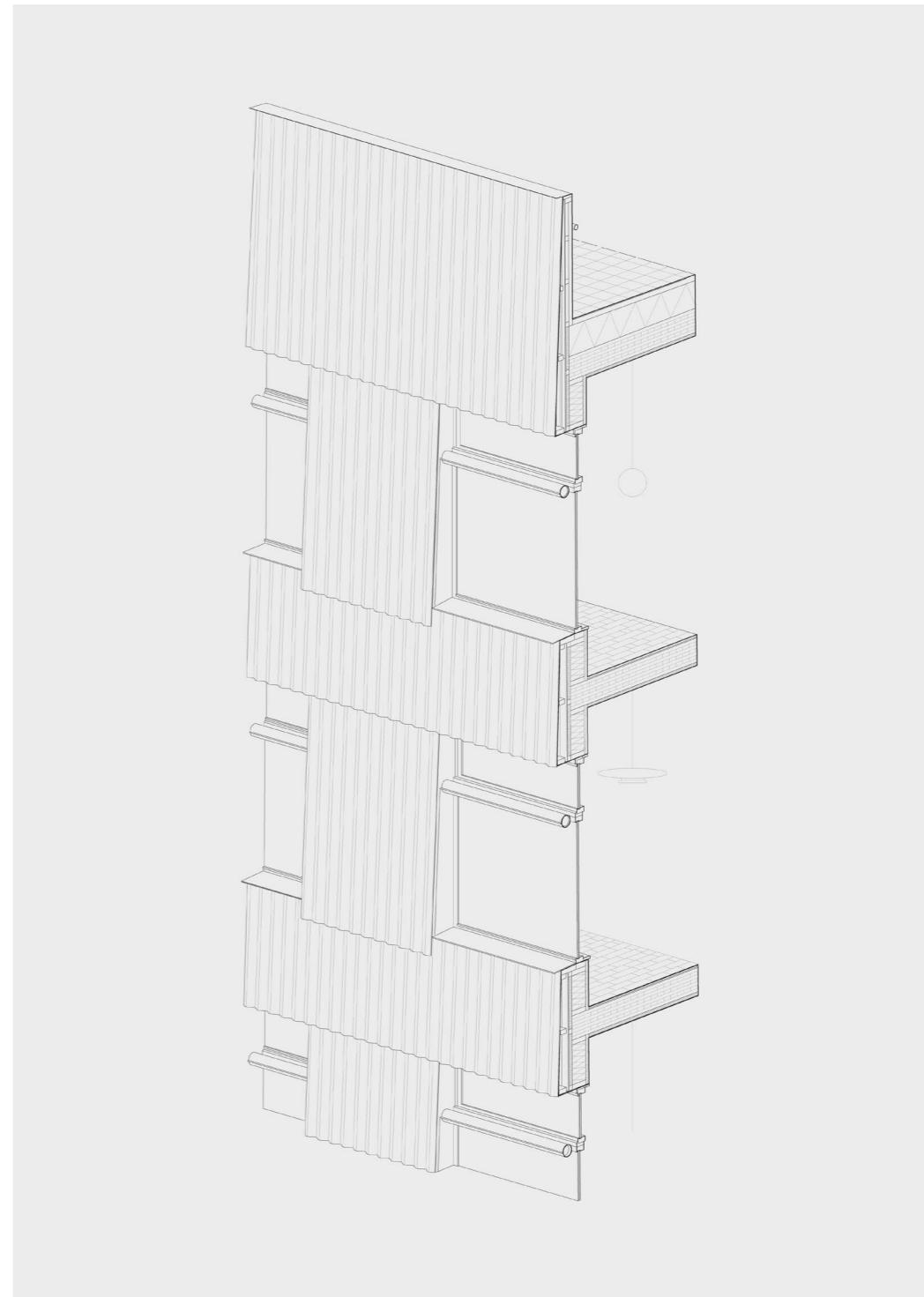
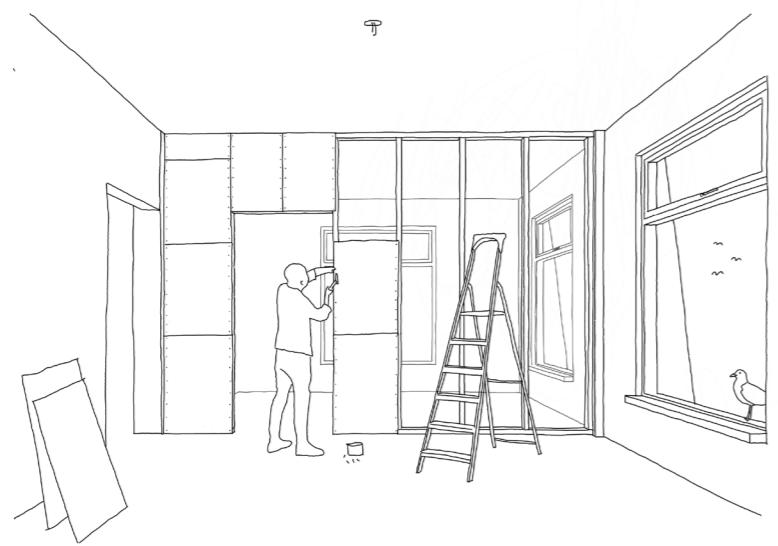
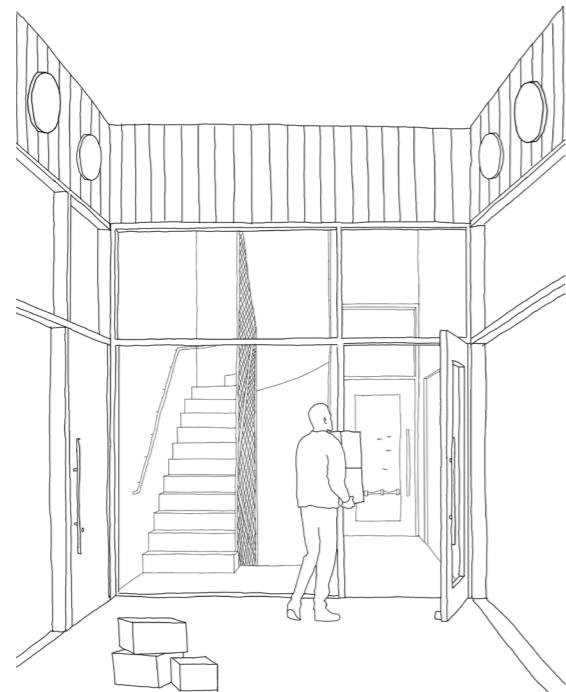
0 3m

3

Model



3



# MÖLNDAL CIVIC CENTRE

5th semester

The square at Mölndal City Hall and its surrounding buildings is the heart of the entire municipality. The city hall holds an incredibly important symbolic value. Completed in 1962, it marked a pivotal paradigm shift, emphasizing governance led by the people and democracy.

The task of this project was to create a new civic centre for the municipality of Mölndal, adjacent to the city hall, which would contain new office space, an exhibition, and a lecture hall open to the public. Inspired by the monumentality of Louis Kahn and the simple elegance of Alvar Aalto, I created a democratic building meant to evoke a sense of power in the citizens visiting. The monolithic expression conveys the significance of what is present and takes place within the building's walls.

One of the key aspects of the project was to maintain geometrical clarity and a raw material expression to create a distinct contrast between the building's functions while still relating to the city hall and other nearby buildings.

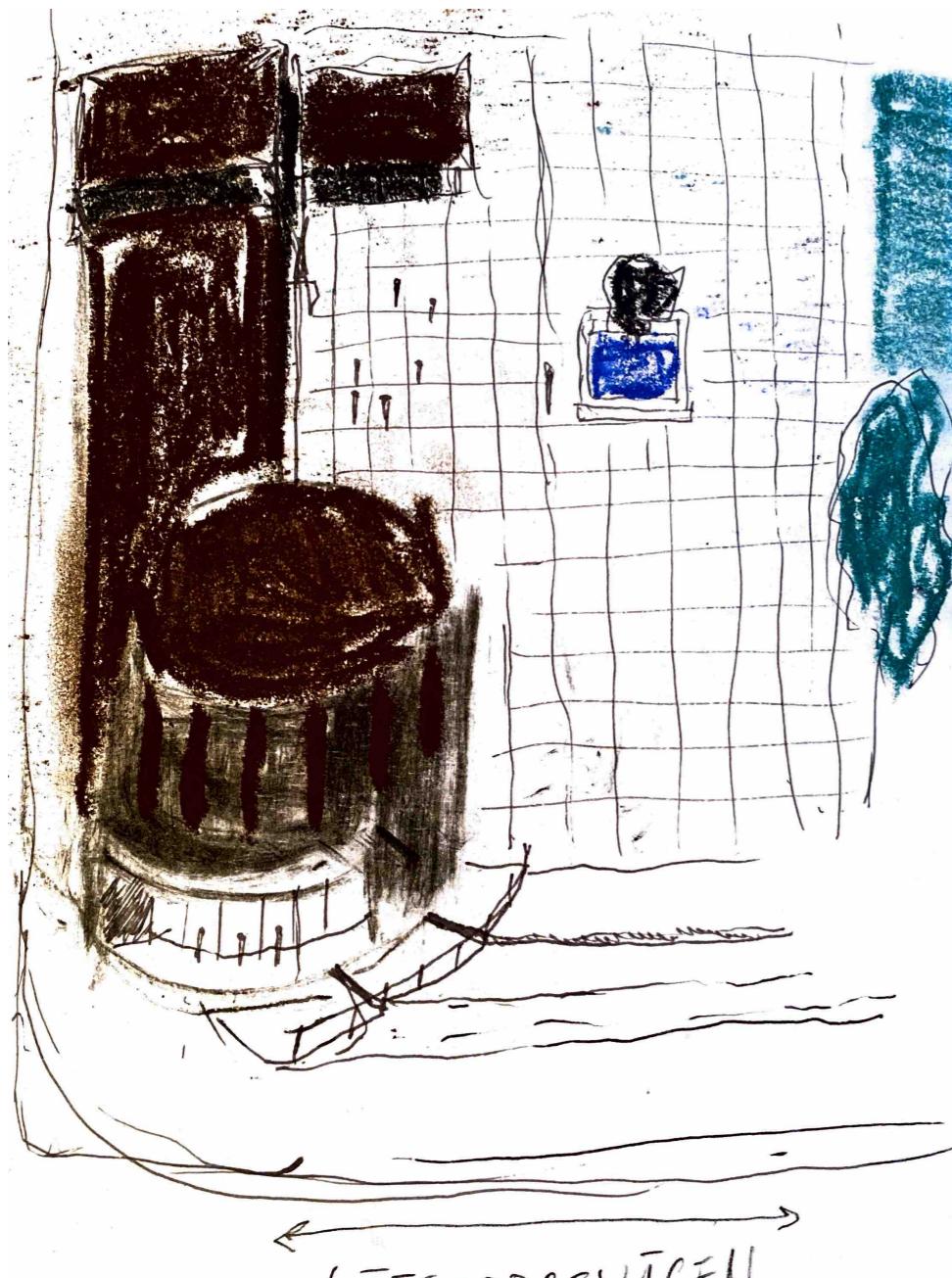
During the project, we worked extensively and were guided by both structural engineers and fire safety consultants to ensure that the design met all technical, safety, and regulatory requirements.

The proposal for Mölndal's new civic center was not just about solving practical challenges but about defining values and maintaining a clean architectural integrity throughout.



1

Exterior facing the street



1

Early Sketch



2



3

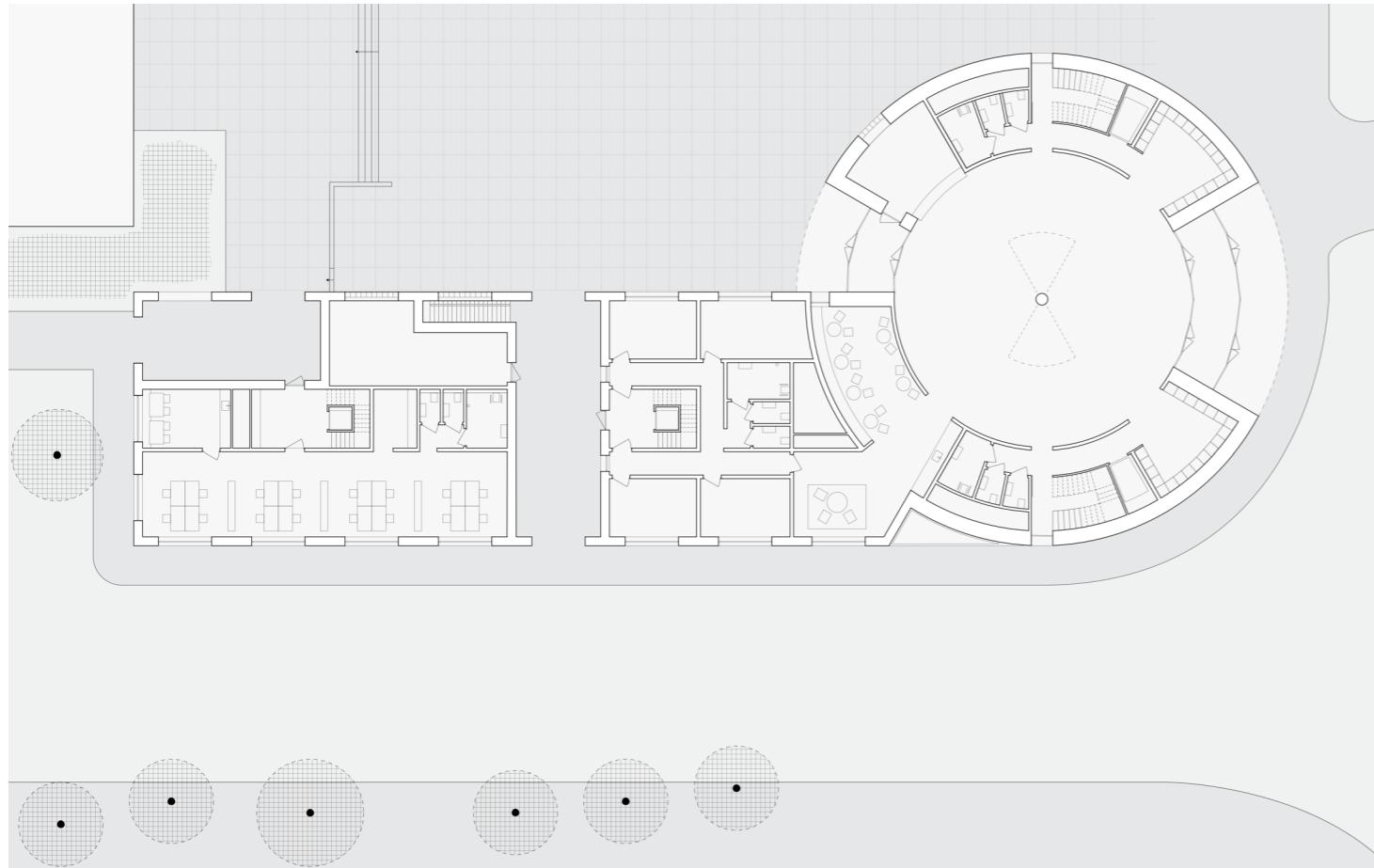
The placement of the building was about more than just optimizing sunlight conditions or other physical factors. It was about maintaining the hierarchy between the buildings while preserving the square and its values. The new building should carefully harmonize with the architectural expression of the city hall without disrupting the existing hierarchy, ensuring that the city hall remains the focal point of the square.

The form addresses the challenge of the corner location while simultaneously enclosing the town square. By removing a parking lot from the south side of the square, the area remains intact even after the addition of the building.

2

City hall  
Adjacent cultural building

3



1

The circular shape is utilized to create a spacious entrance hall, which also serves as the central meeting place. From the entrance hall, one can access a kitchenette, a cloakroom, and communication to the second floor. This space is well-suited for short visits and errands but also allows for further movement towards the square through a back exit that immediately establishes visual contact with the city hall upon entering from the street.

The relationship between the rectangular section of the building, meant to serve as a workspace for the municipality employees, and the circular space, open to the public, remains consistent throughout all floors.



2

1

Ground floor



0 [ 6 m

2

Site plan



0 [ 50 m



1

The entrance hall features cast-in-place concrete that remains exposed, with a central pillar being the defining element of the room. As shown in the axonometric drawing, openings in the ceiling let down light and establish contact between the entrance hall and the foyer above.

The space may be used for meetings, discussions, or communal activities. On the left side, a small bulletin board with images and notices is mounted on the wall, displaying the programs of the civic center.

Due to the building's shape, movement is optimized, allowing the communication area to be kept minimal. The rooms, each with their own distinct character, create a versatile building suited to the needs of the municipality.

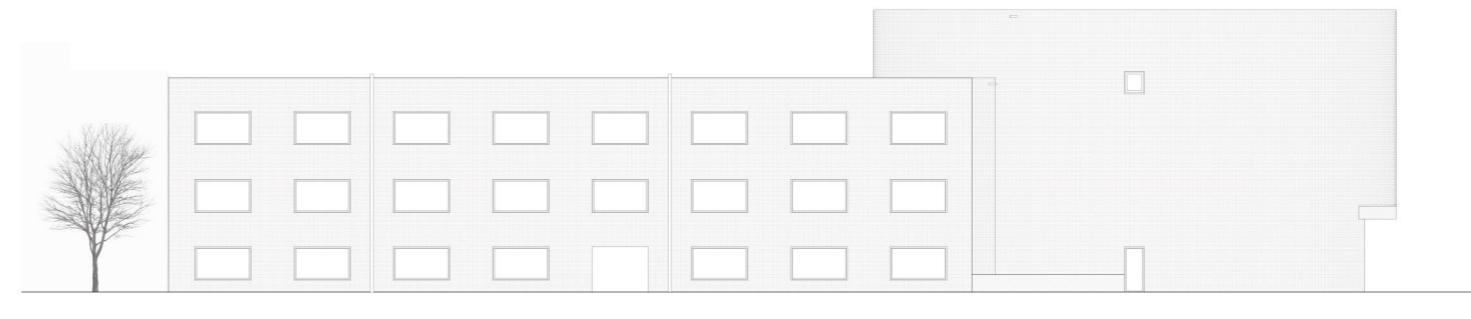


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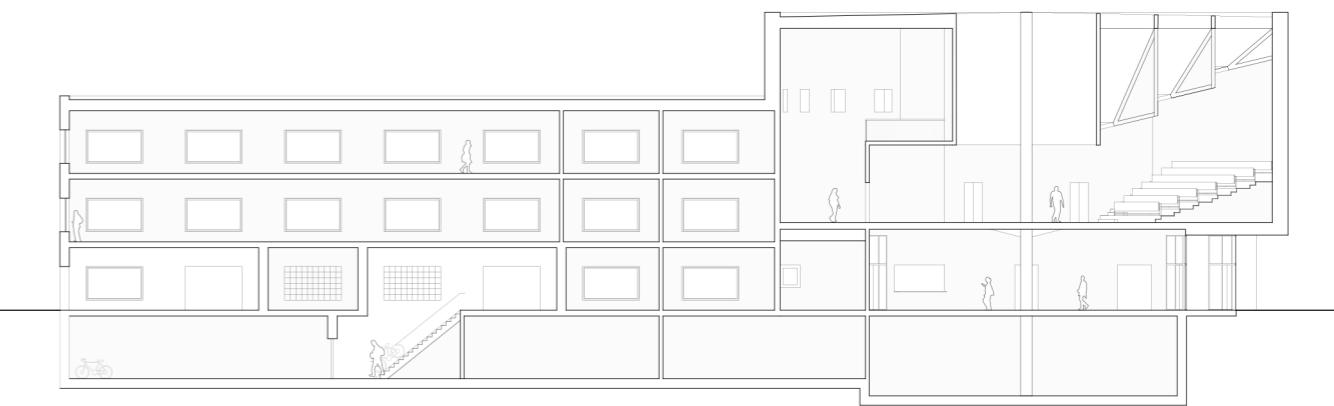


1

The corner is utilized as a water feature with drainage from both buildings.



2



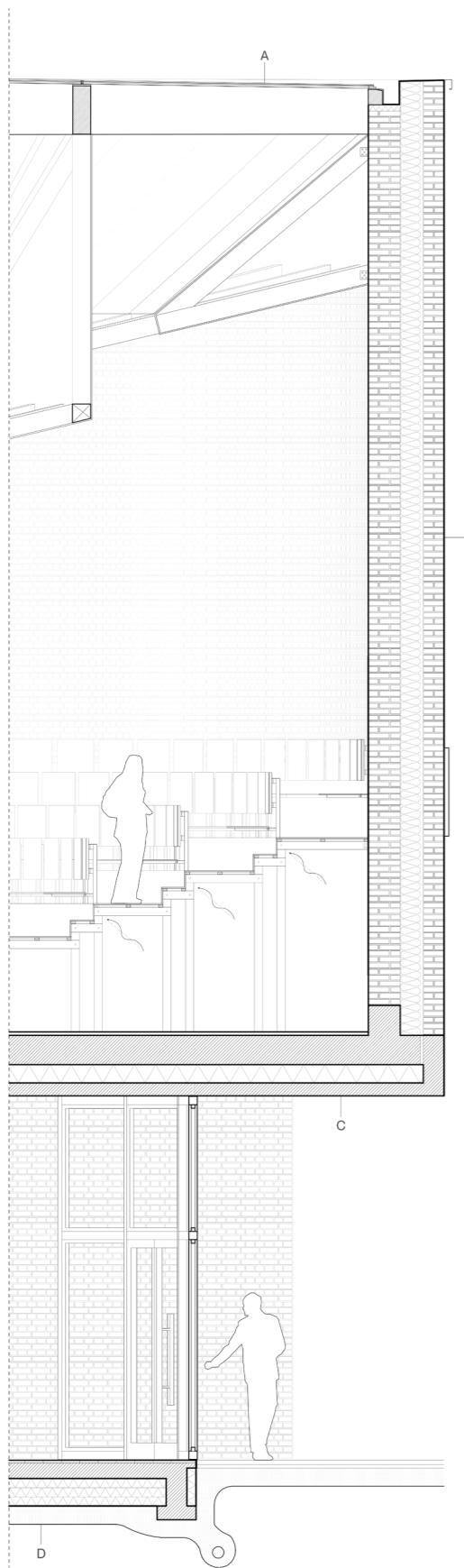
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Facade south  
Section

0 6 m

1

2  
3



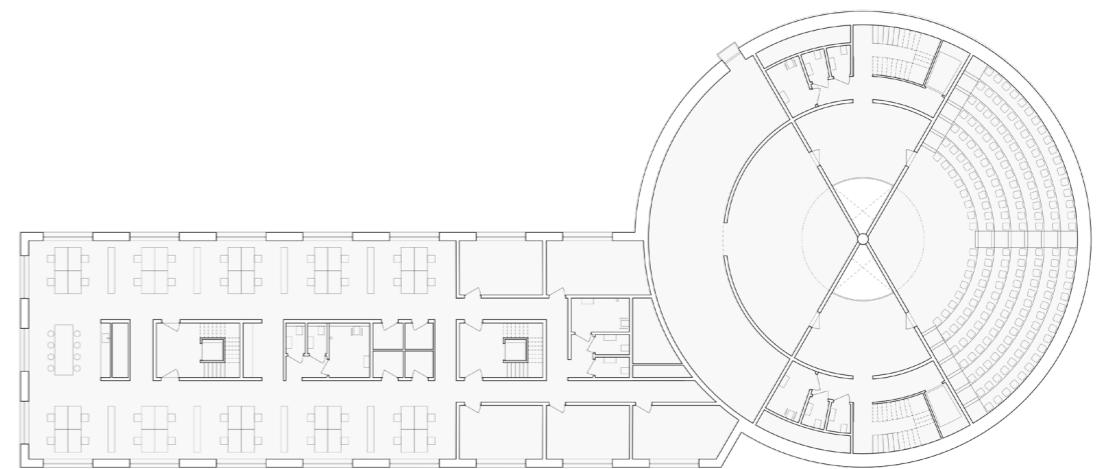
1

Detail section

- A Window
- B 348 mm white-painted inner brick wall  
220 mm mineral wool  
32 mm air gap  
228 mm outer load-bearing brick wall
- C 40 mm surface-cast concrete  
300 mm cast-in-place concrete  
200 mm foam plastic (expanded polystyrene)  
140 mm cast-in-place concrete
- D 10 mm patterned granite tiles  
160 mm concrete  
300 mm foam plastic (expanded polystyrene)  
200 mm draining macadam  
Geotextile



2



3

auditorium  
second floor

0 1m

2  
3

0 6m

Thank you for taking the time to look at my portfolio.  
I'm looking forward to hearing from you!

/Áron Koch

aron.koch.ak@gmail.com  
+46 73 144 47 69