

# Portfolio.

Jonathan Robert  
Selected Works

B.S. Architecture | April 2026.



# Jonathan Robert

05.05.2003

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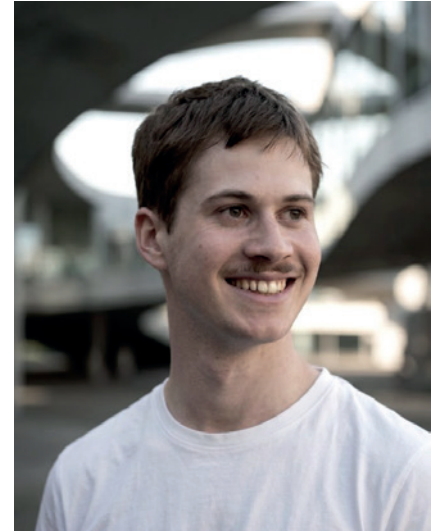
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Architecture student at EPFL and TU Dresden, exploring the intersection of built form, and sustainable urban development. I am interested in how architecture can foster meaningful connections between people, culture, and landscape.



## STUDIES

### TU Dresden

Academic exchange

2025-2026

### EPFL

Bachelor of Architecture

2022-2026

### Gymnase intercantonal de la Broye

Swiss Maturity - Physic and Maths

2018-2022

## COMPETENCES

### CAD Softwares

Vectorworks

Rhino

Archicad

### Rendering & Post

Twinmotion

Blender

Adobe (Id, Ai, Ps)

### Languages

French

Native

German

C1

English

C1

# Contents

- 01 Pinakothek Art Residence**  
A Living and Working Space for Women Artists



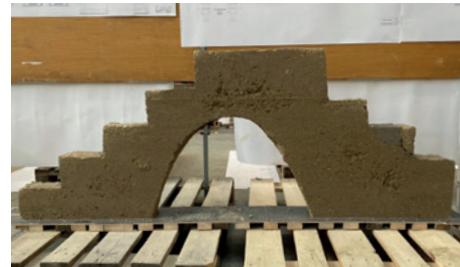
- 02 Gardens of Encounters**  
A Mobility Hub Shaping a New District



- 03 Splash Structure**  
A Wooden Aqueduct for the Red Cross Garden



- 04 Earth lab**  
A Pisé Bridge: Exploring Structural Resistance



- 05 A Vermeer Reconstruction**  
A Spatial Study



# 01 Pinakothek Art Residence

TU Dresden, Ba5  
Studio Leuschner

## Team

*Kim Vân Giraud*

The project proposes a building for women artists on a site adjacent to the Pinakothek der Moderne in Munich, combining temporary housing, exhibition spaces, and areas for artistic production and collective life.

Its design draws on the spatial logic of Le Corbusier's Cité de Refuge and Peter Märkli's La Congiunta, reinterpreting their elongated geometries, controlled light, and strong spatial clarity. Rather than quoting these references directly, the project translates them into a contemporary architectural language adapted to the program and site.

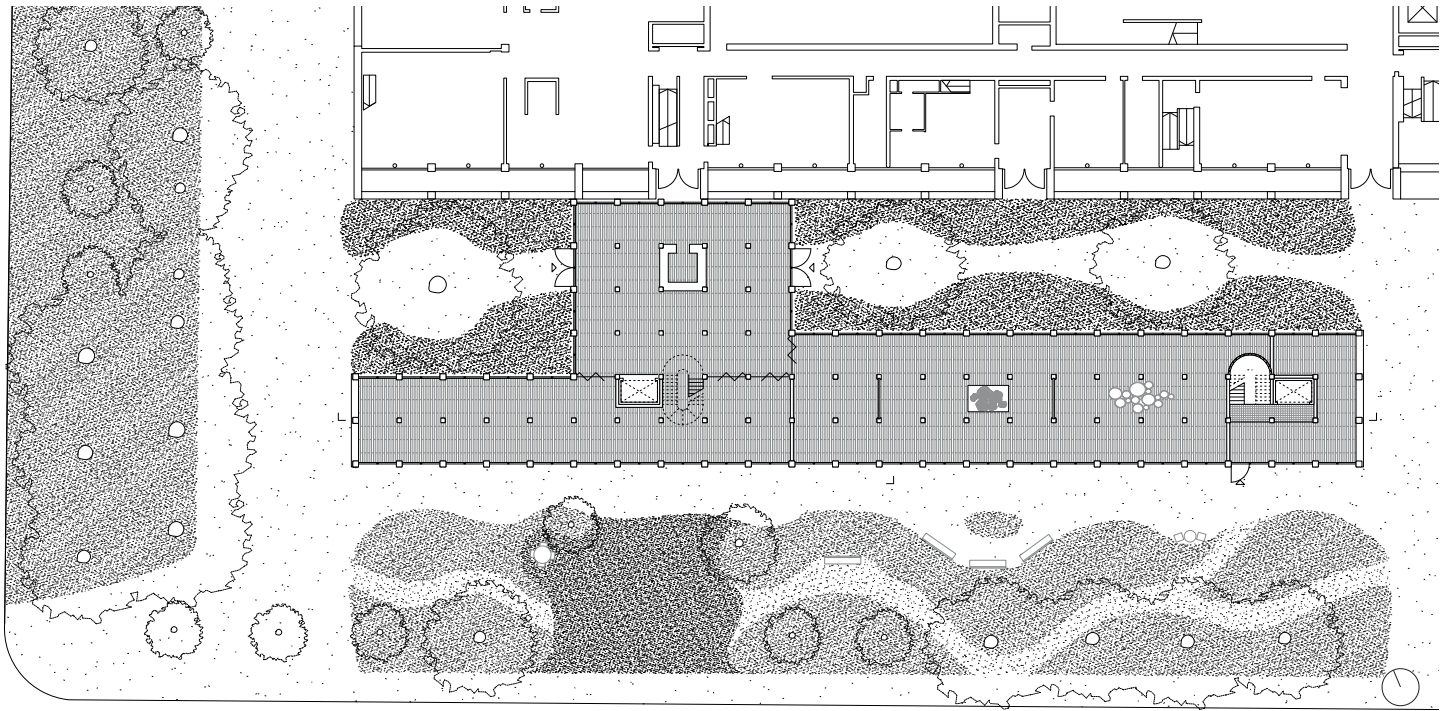
The ground floor contains public exhibition spaces, while the north-facing artist studios are organized as double-height volumes that create generous working conditions. Above, the collective living spaces support exchange and shared routines among residents, reinforcing the social dimension of the project.

A rooftop terrace, reached by a ramp, concludes the sequence by opening the building to the city and creating a place for outdoor exhibition and informal gathering.

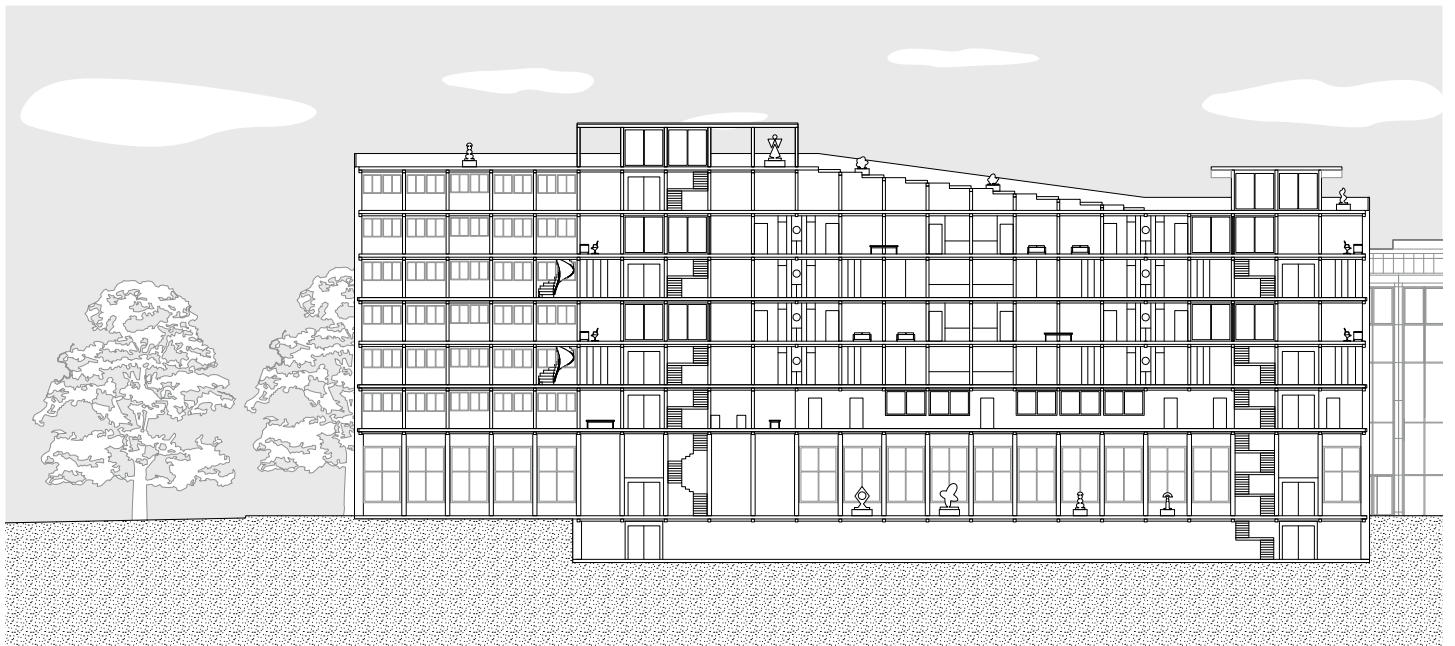




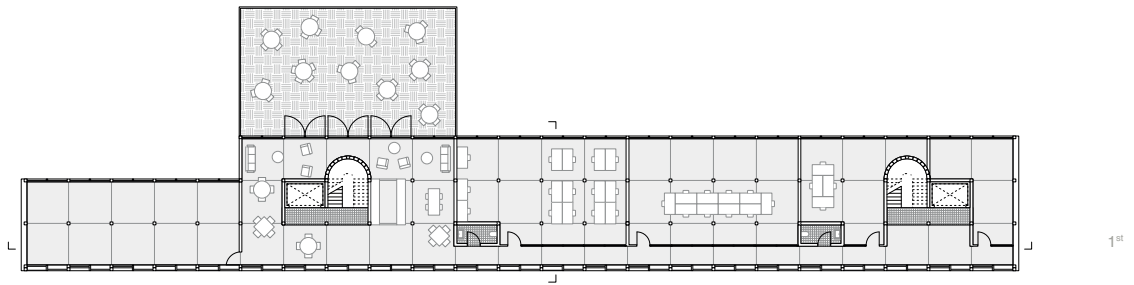
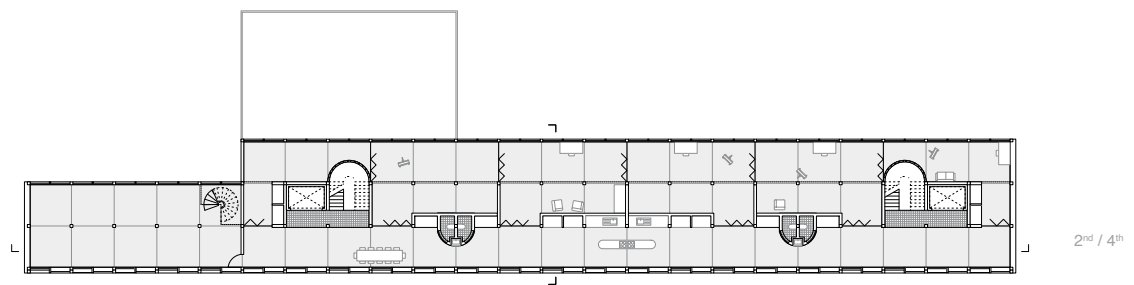
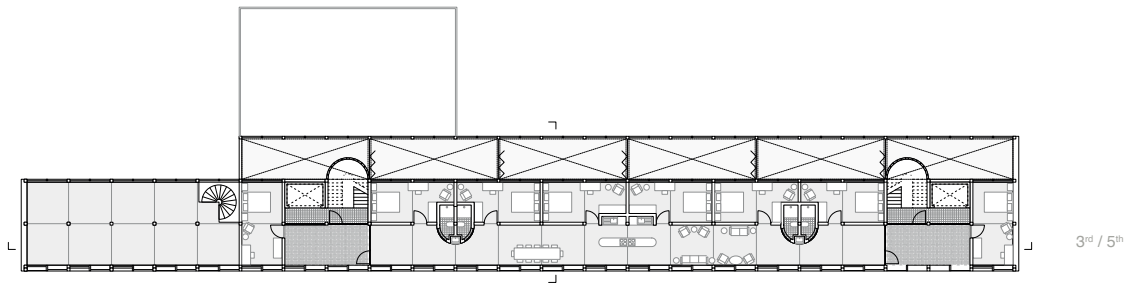
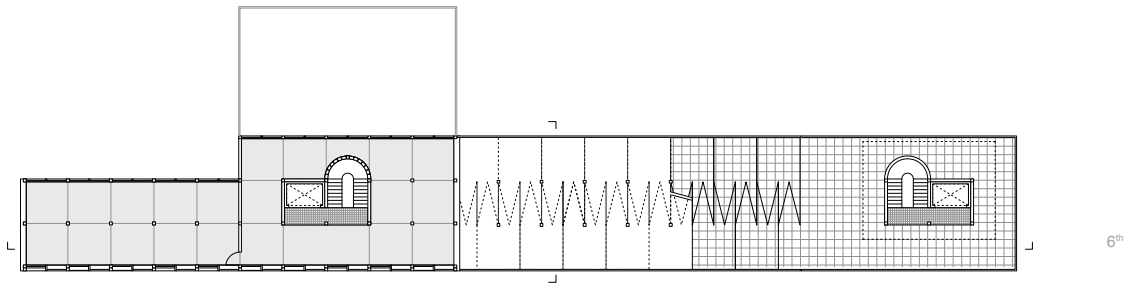
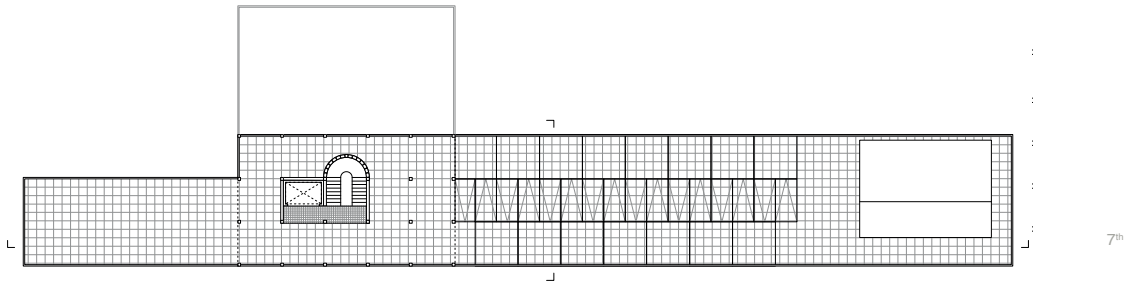
Exterior visualization



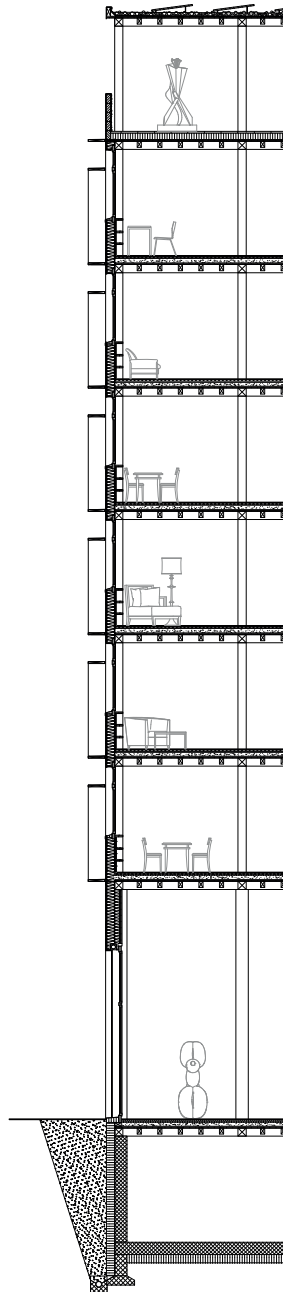
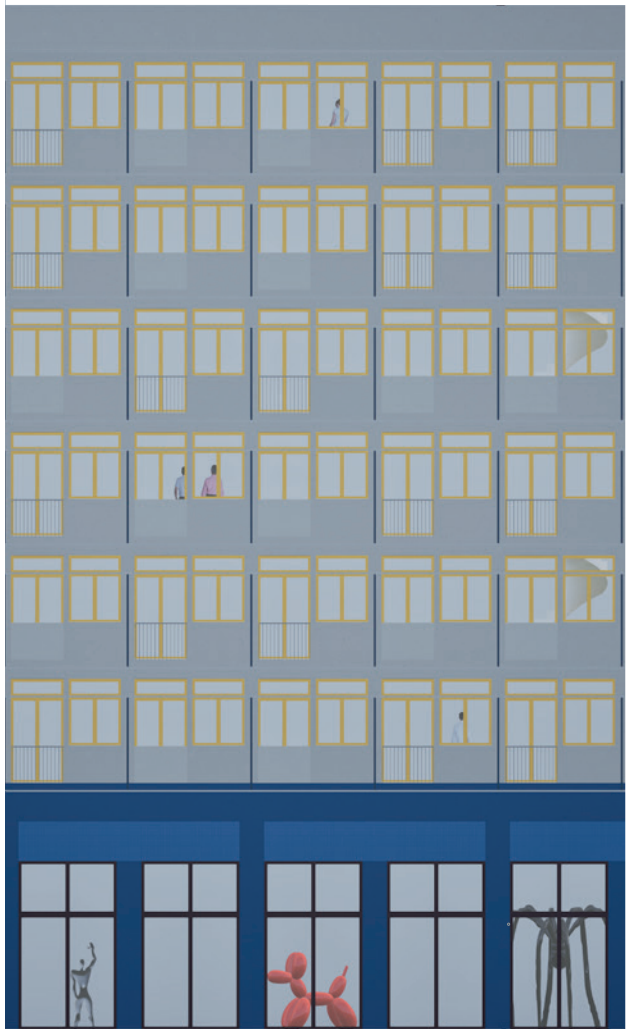
Ground floor plan



Longitudinal section



Floors plans



Construction detail





Interior Visualization



Interior Visualization

# 02 Gardens of Encounters

EPFL, Ba3-4

Prof. Emmanuel Rey's studio | LAST

## Team

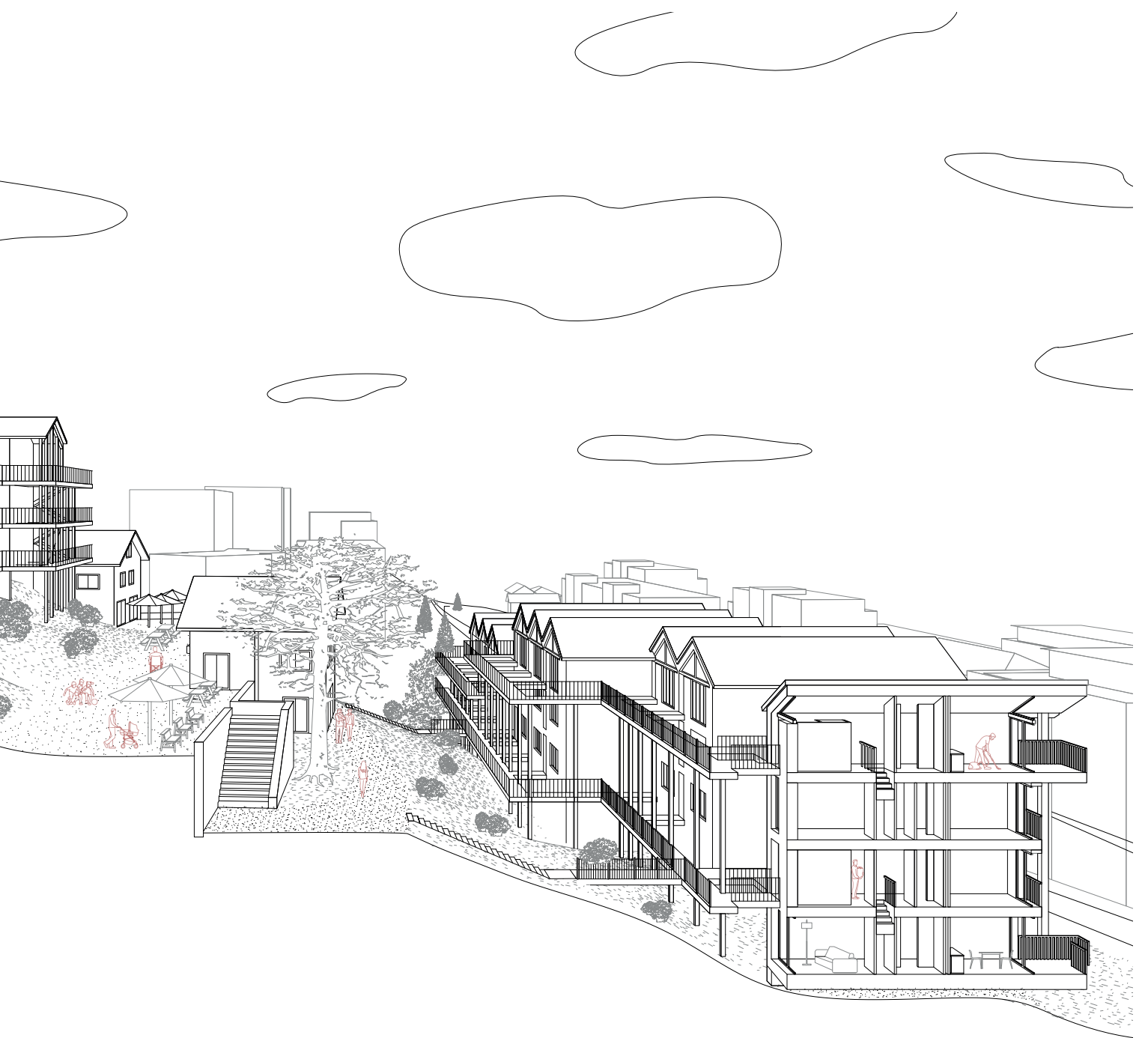
*Valérie Gallegos Farfan*

*Thomas Campagnoli*

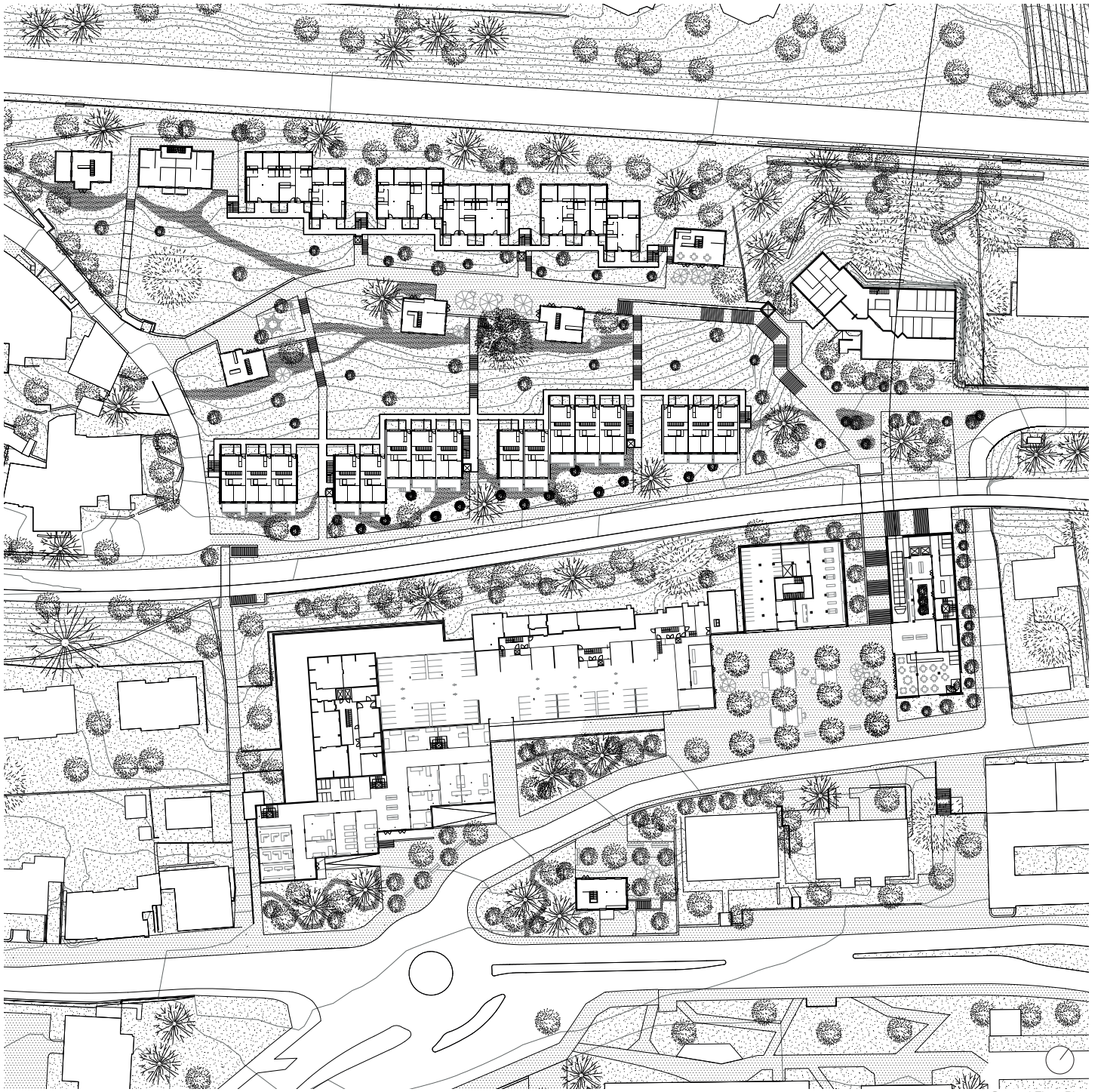
The project envisions the densification of the Monruz district in Neuchâtel, based on the hypothesis of a future intermodal station linking the existing railway with the extended La Coudre funicular. This new mobility hub serves as a catalyst for a more compact and lively neighborhood. North of the tracks, new housing clusters are arranged around a large communal park, where five preserved houses have been repurposed into a café, daycare, and community center. South of the railway, the station complex integrates offices, a grocery store, and bicycle parking, forming a versatile public square that hosts both daily activities and a weekly market.

I worked in detail on the residential buildings north of the tracks, designed to rest on concrete slabs that reduce terrain relocation. Their timber-and-straw structure accommodates duplex and ground-level apartments, combining direct garden access with upper terraces opening toward the lake and the Alps.





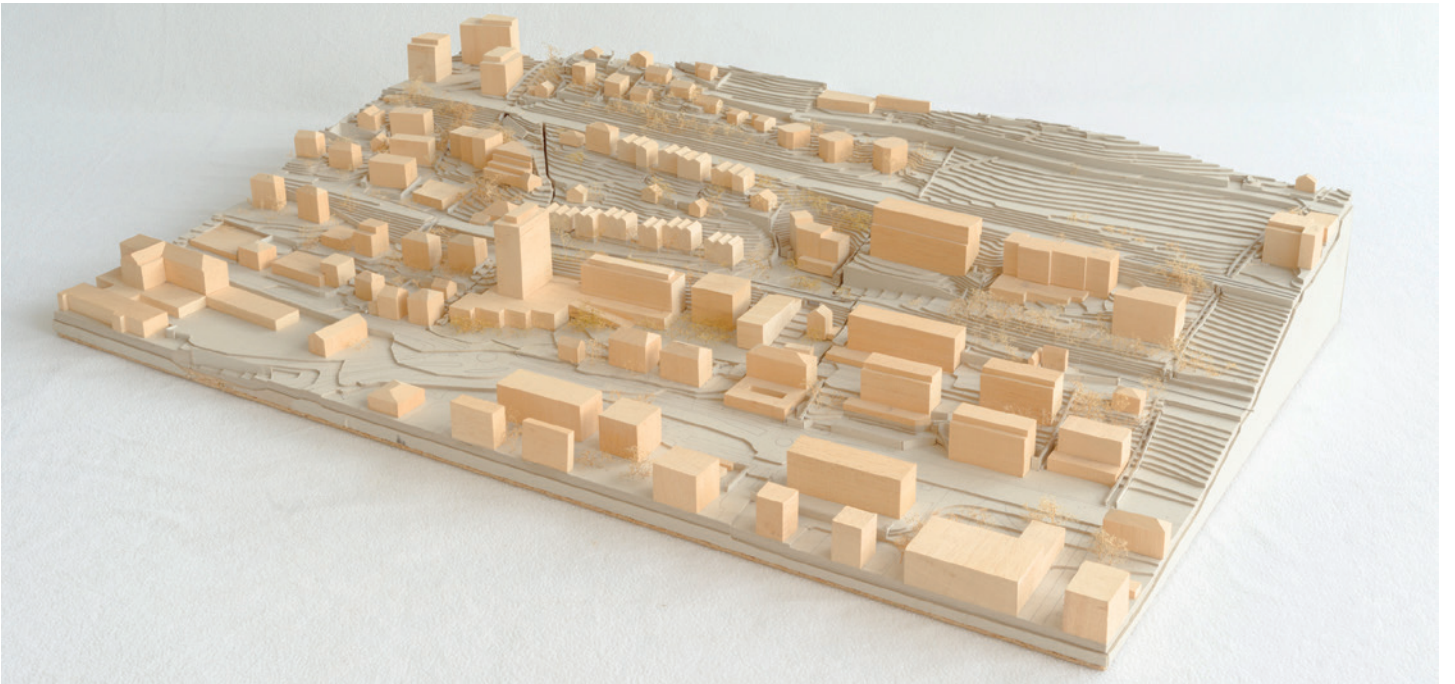
Perspective Section



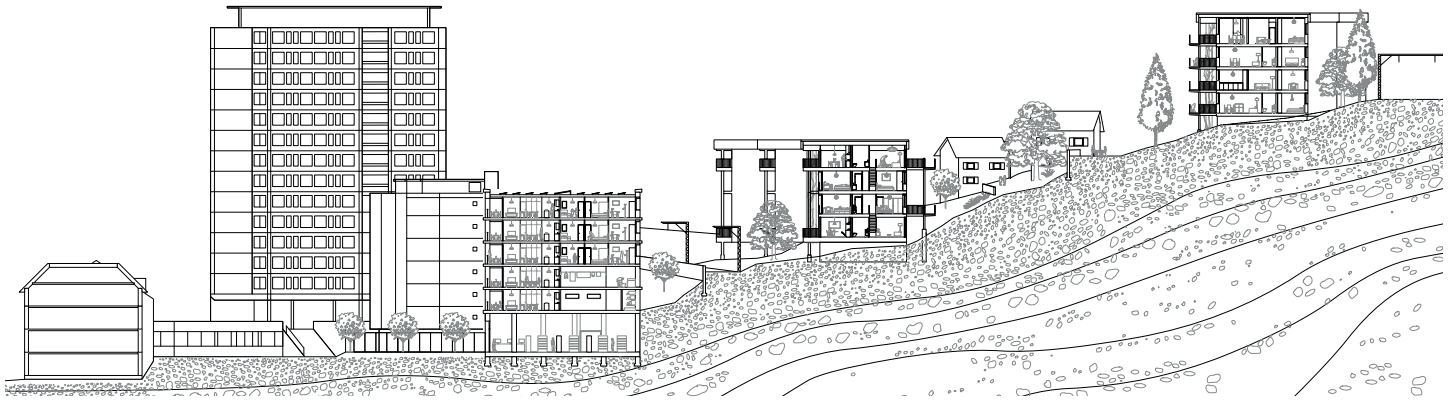
Ground Floor Plan



Site photo © LAST / N.Sedlatchek



1:500 site model © LAST / T.Beuret



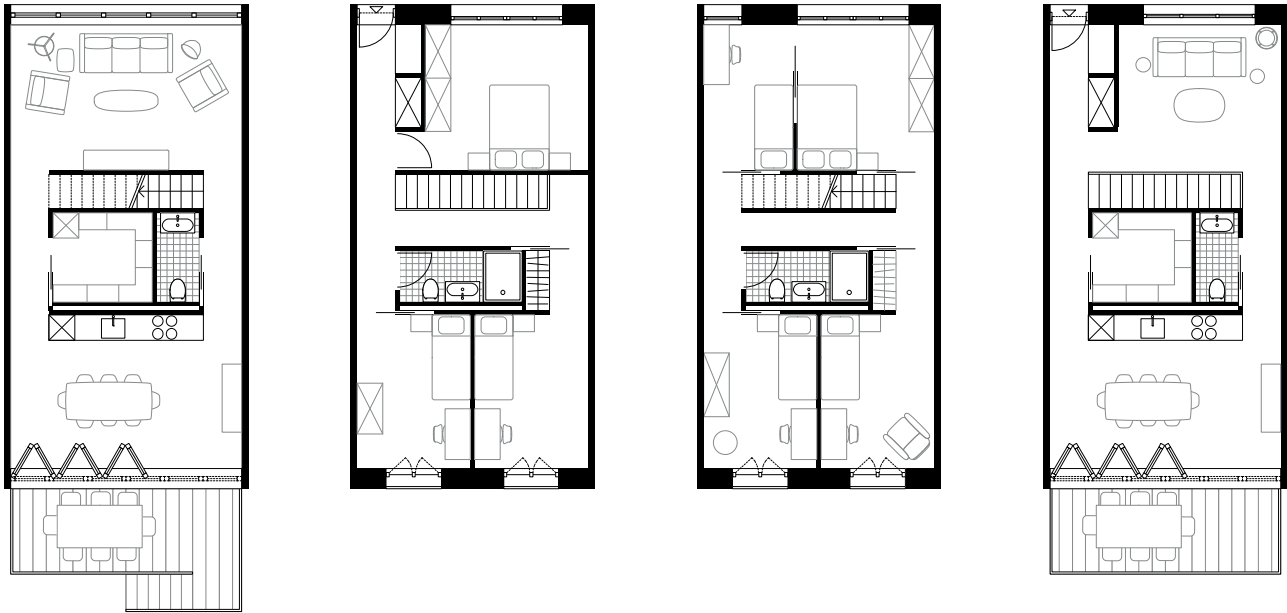
Cross section



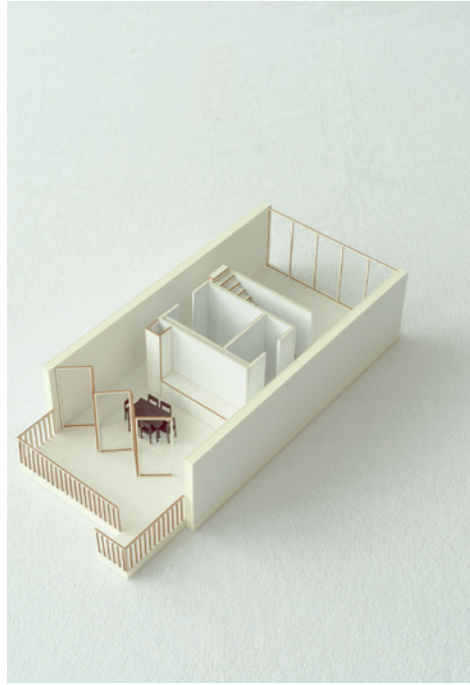
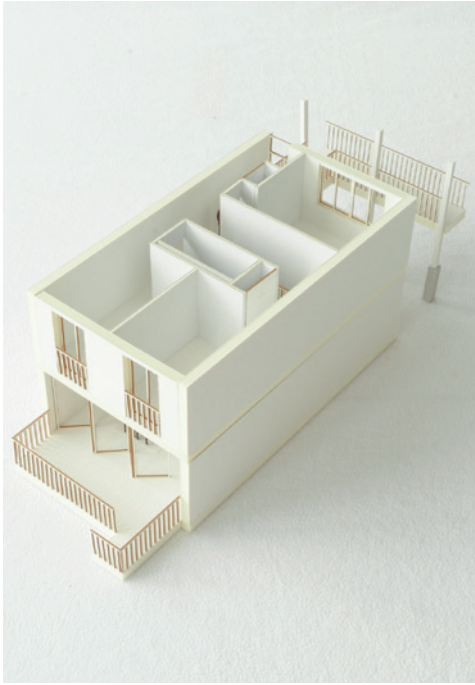
1:100 scale model © LAST / T.Beuret



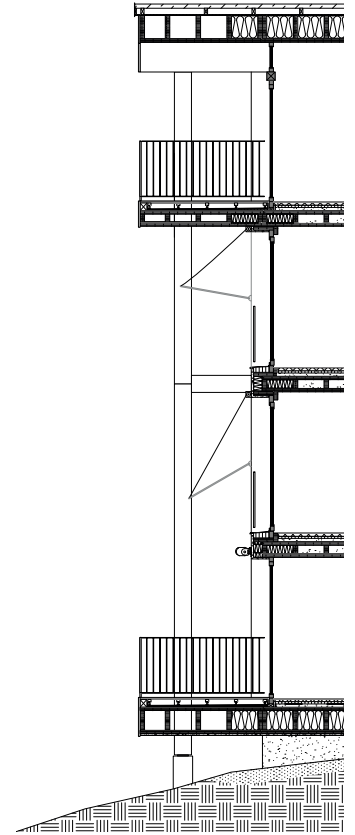
Facade elevation



Duplex typologies

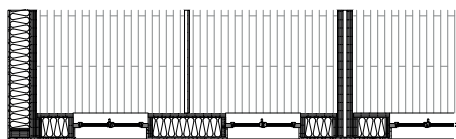
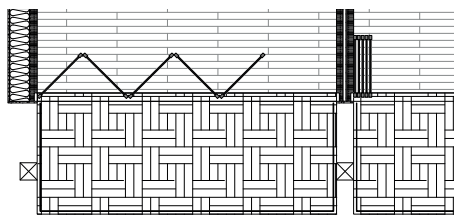


1:33 Duplex Typology Model © LAST / T.Beuret



Interior visualization

<b>Facade Wall</b>	<b>480 mm</b>
Cross-laminated timber	80 mm
Straw insulation / Timber frame	360 mm
Reinforced lime plaster finish	40 mm
<b>Load-Bearing Wall</b>	<b>320 mm</b>
Cross-laminated timber	120 mm
Acoustic insulation	80 mm
Cross-laminated timber	120 mm
<b>Roof</b>	<b>586 mm</b>
Integrated solar installation	50 mm
Counter-battening	100 mm
Wood fibreboard panel	16 mm
Straw insulation / Load-bearing rafters	360 mm
Cross-laminated timber	60 mm
<b>Floors</b>	<b>445 mm</b>
Floor finish (parquet)	15 mm
Anhydrite screed	50 mm
Acoustic insulation	40 mm
Gravel / crushed stone	60 mm
BTC box floor (compressed earth block floor system)	280 mm
<b>Ground Floor</b>	<b>687 mm</b>
Floor finish (parquet)	15 mm
Anhydrite screed	50 mm
Acoustic insulation	40 mm
Vapour barrier	2 mm
Gravel / crushed stone	60 mm
BTC box floor / Straw insulation	480 mm
Reinforced lime plaster finish	40 mm



⊠ Constructive detail



1:20 Constructive model © LAST / T.Beuret

# 03 Splash Structure

EPFL, Ba2  
ALICE Laboratory

## Team

*Group project with 27 students*

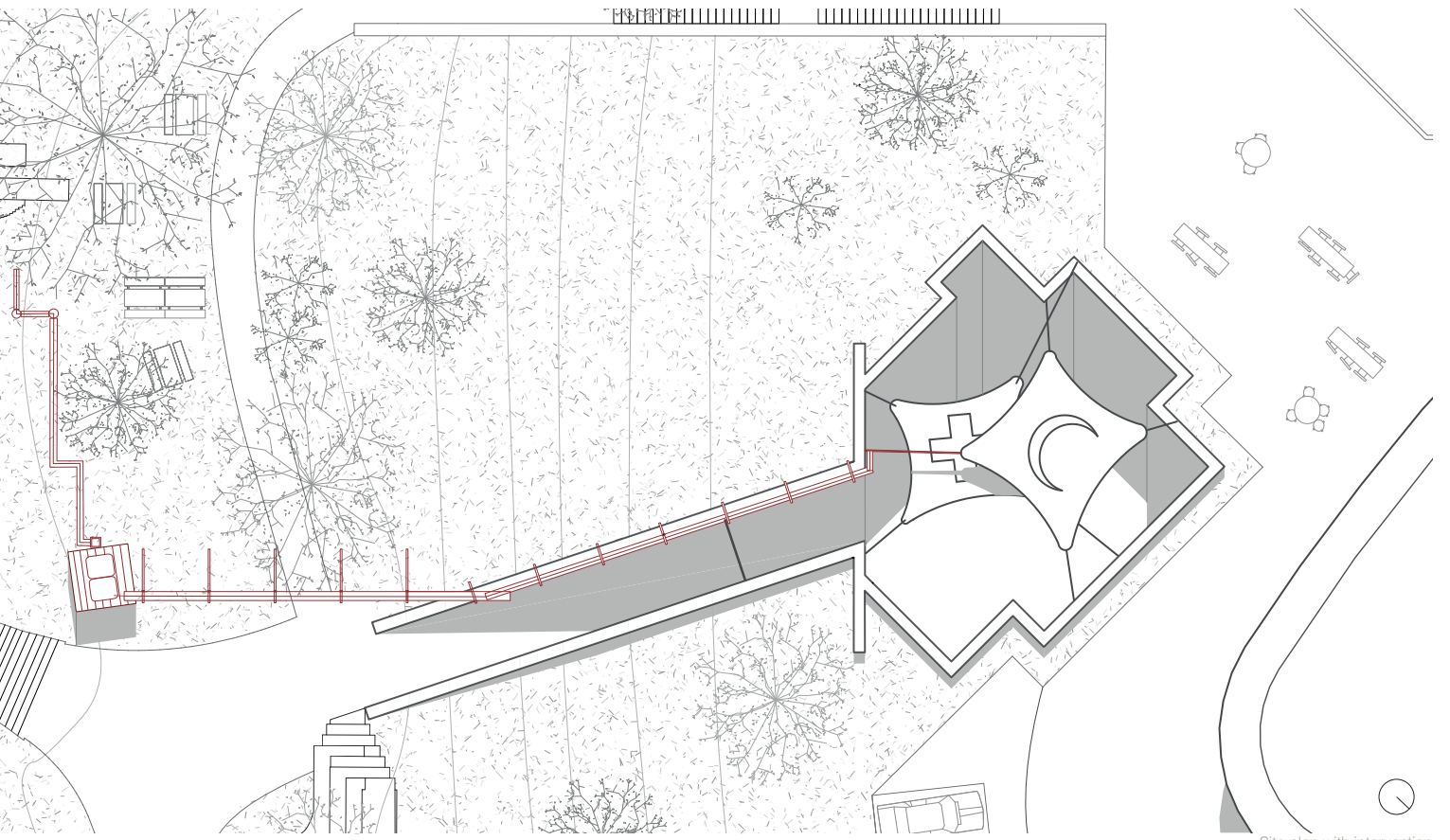
The project began with an in-depth site analysis, leading to the design and construction of a landscape intervention at the entrance of the International Red Cross and Red Crescent Museum in Geneva.

The proposal introduces a system for collecting, storing, and redistributing rainwater, integrated with the museum's existing roof drainage infrastructure. Rather than being discharged as runoff, the collected water is redirected to support the irrigation of the surrounding garden.

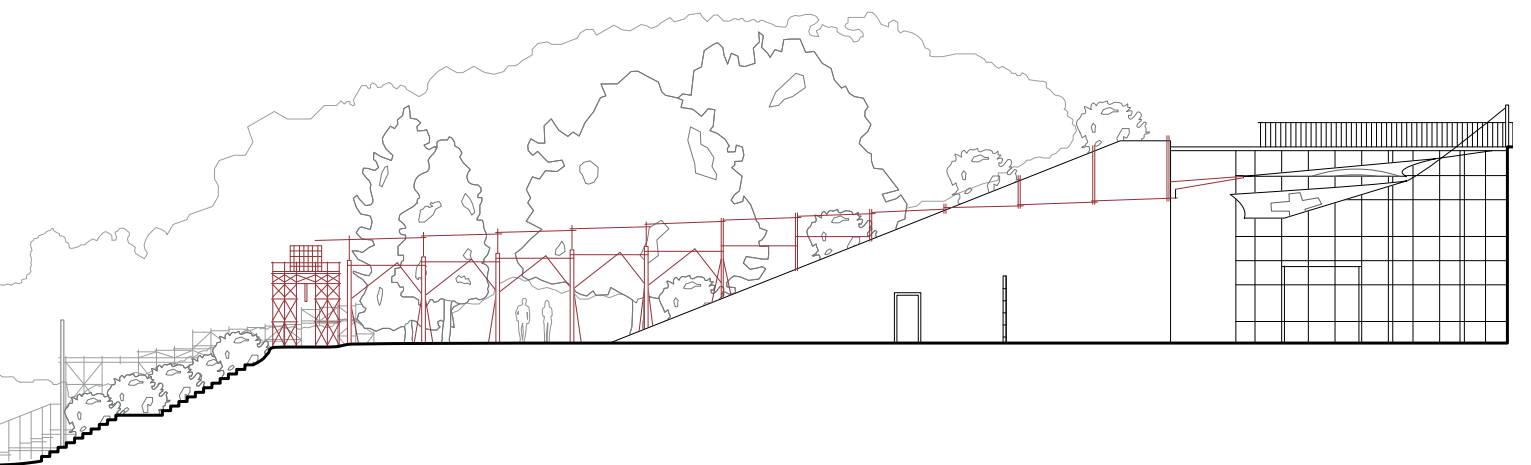
Taking advantage of the elevation of the existing collection point, the intervention originates at height with suspended elements and transitions into a raised aqueduct positioned approximately five meters above ground. This configuration ensures a continuous gradient, enabling the controlled flow of water toward a constructed water tower and, subsequently, an irrigation network.

The use of timber as the primary construction material establishes a strong architectural identity while introducing specific technical challenges related to its interaction with water.

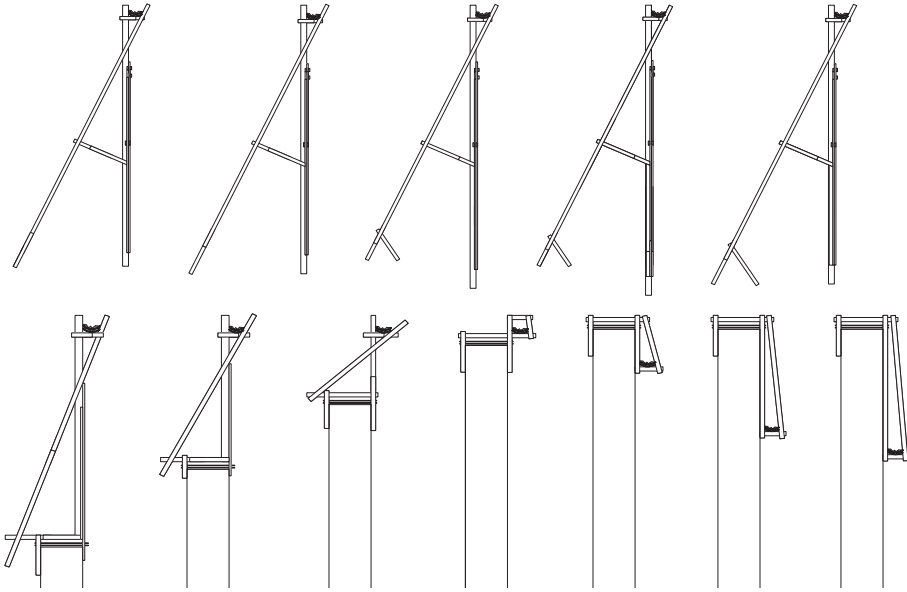




Site plan with intervention



Elevation of the intervention

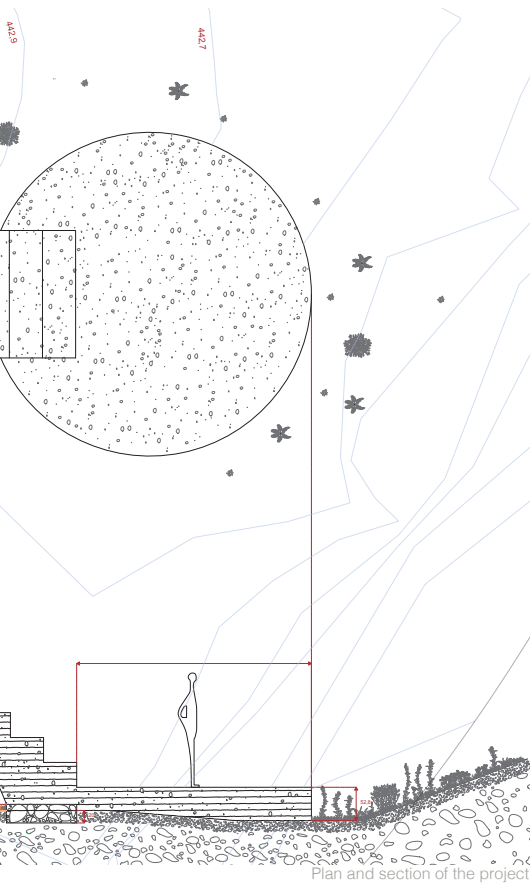


Aqueduct support structures

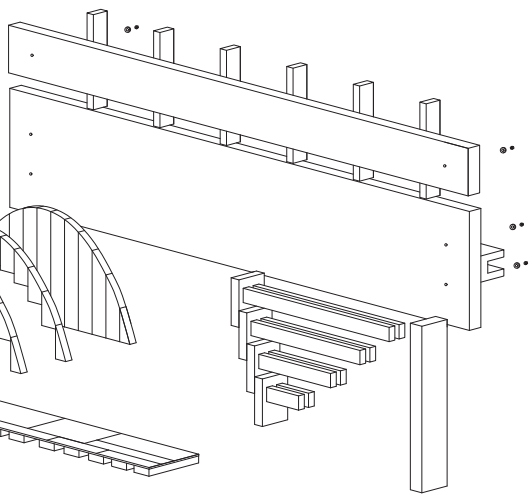








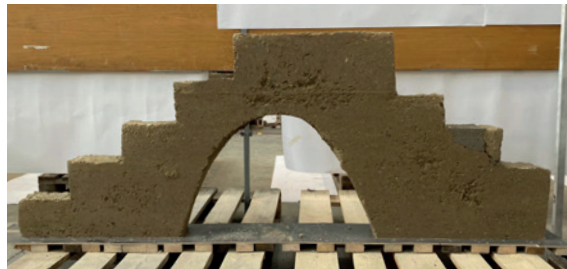
Plan and section of the project



Axonometric of the formwork



Final result



Process pictures

# 05 A Vermeer

## Reconstruction

EPFL, Ba4  
LAPIS Laboratory

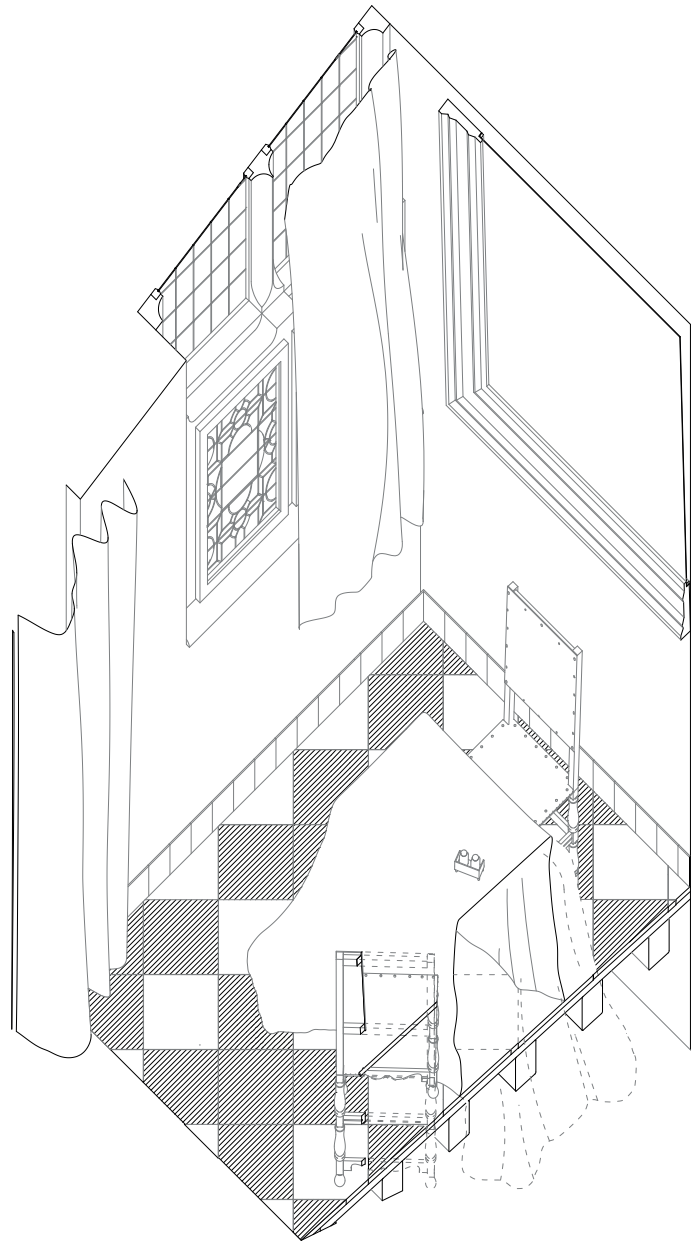
### Team

*Maya Hirsch*

This project is based on a detailed analysis of Johannes Vermeer's painting *Lady Writing a Letter with her Maid* (1670–1671). It involved a thorough spatial reconstruction, enabling a deeper understanding of both the interior composition and the typology of 17th-century Amsterdam domestic architecture.

The study focused on materiality, construction principles, and the articulation of light, all of which are central to interpreting the scene. The process combined historical research, constructive analysis, and a gradual transition from two-dimensional representation to a three-dimensional model.

The final outcome consists of a comprehensive digital reconstruction developed using Rhino, Blender, and Photoshop, aiming to achieve a coherent and visually realistic representation.





Lady Writing a Letter with her Maid, J. Vermeer



Sketch of the deconstruction



Final reconstruction



Final deconstruction



*“Architects must dream. We must seek our Atlantises, be explorers, adventurers, and at the same time build responsibly and well.”*

Renzo Piano