

Laura Tijchon

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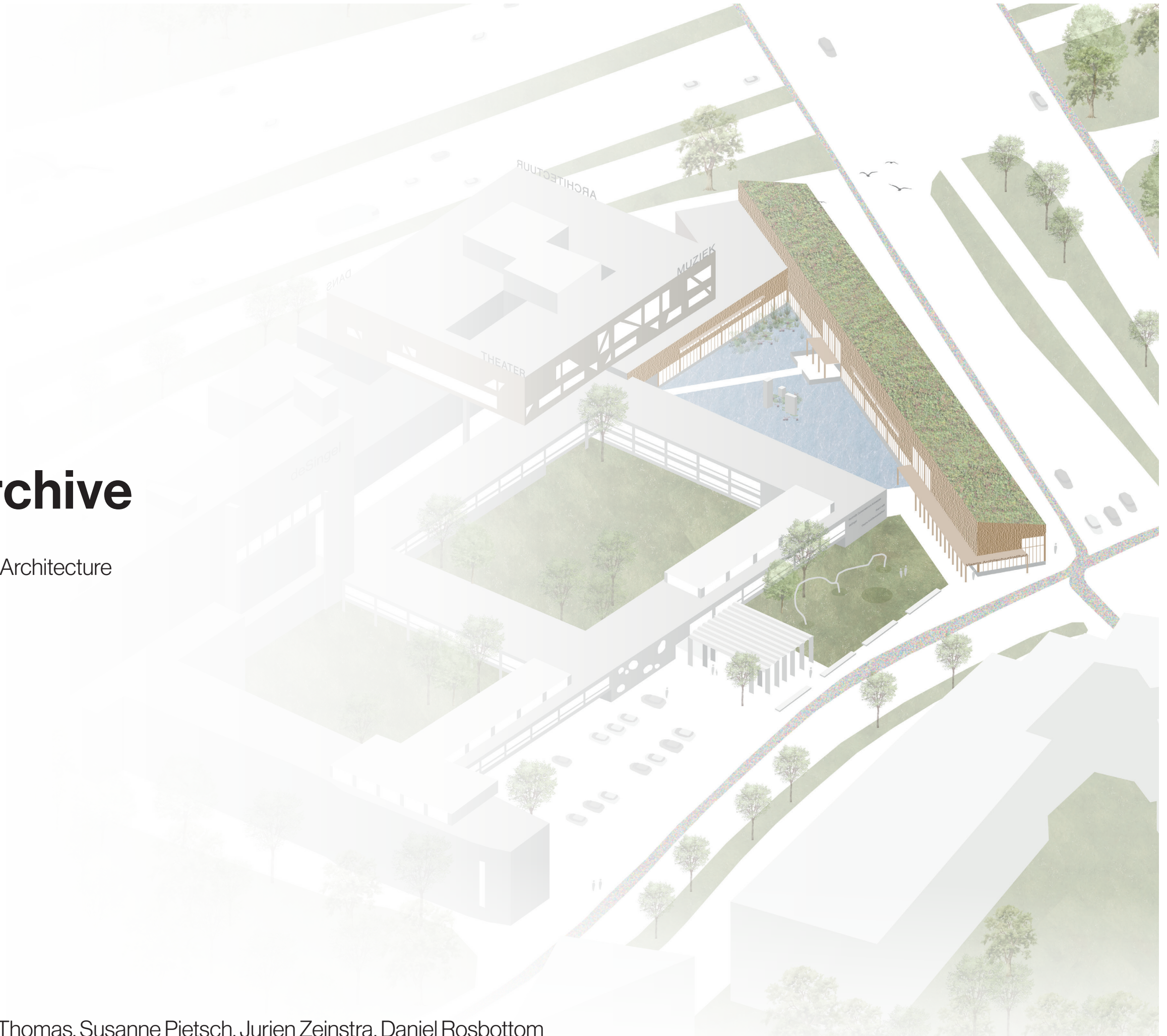
The Living Archive

Interiors Buildings Cities

Graduation Studio 2025: Archiving Architecture

P5 Presentation 18.06.2025

Sam De Vocht. Matthijs Klooster. Amy Thomas. Susanne Pietsch. Jurjen Zeinstra. Daniel Rosbottom





Contents

- Introduction
- Urban context
- Design approach
- Design
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Introduction

Introduction

The Flanders Architecture Institute

Flanders Architecture Institute, 2024

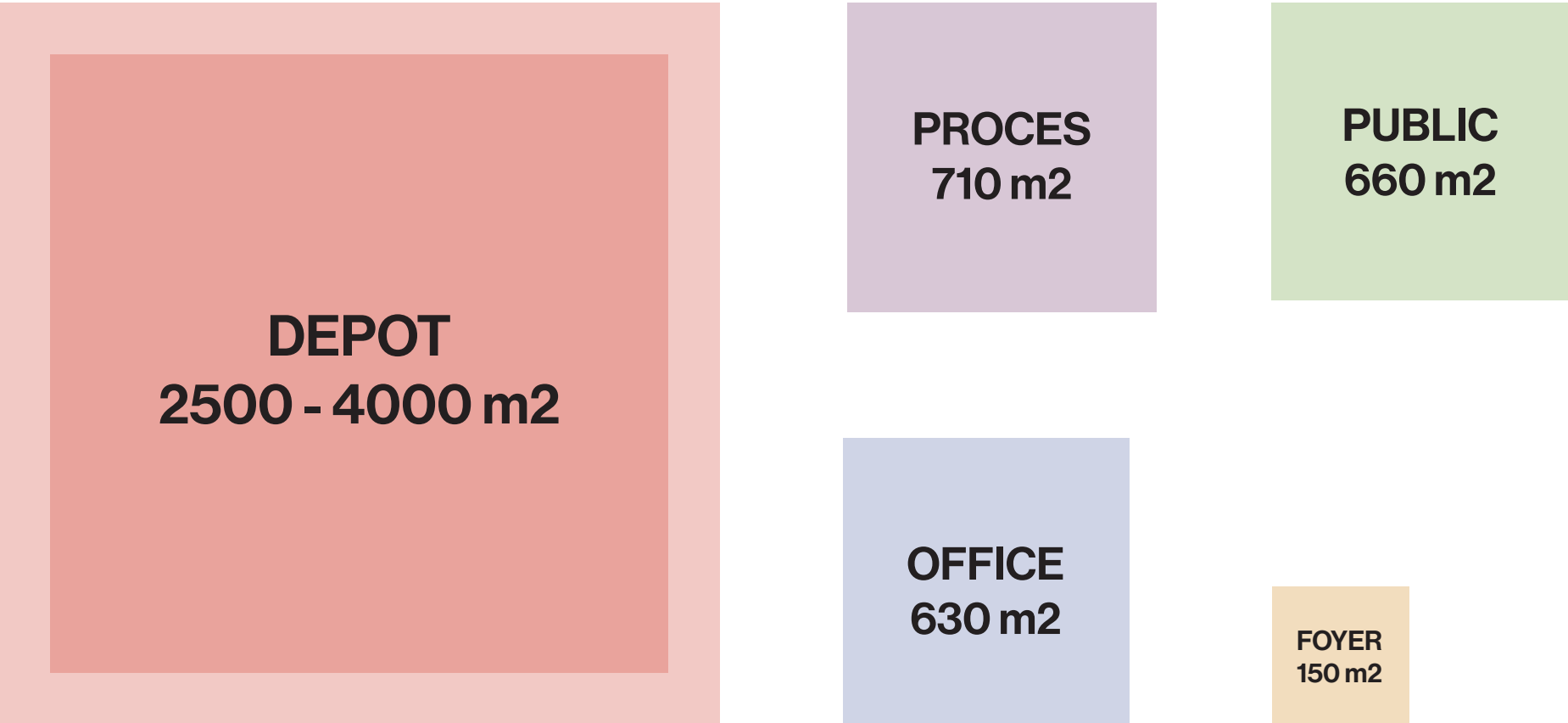


Introduction

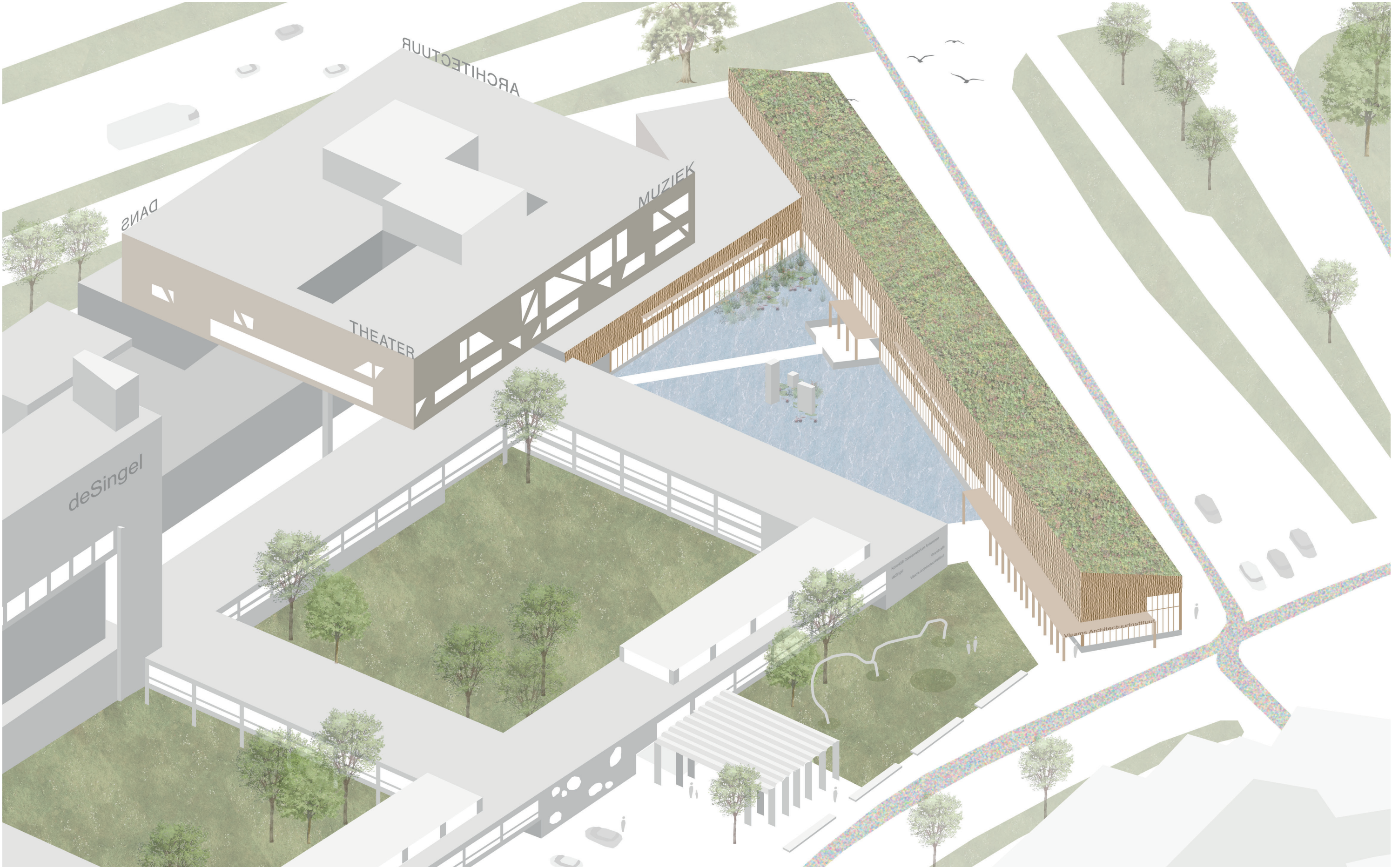
DeSingel

DeSingel, 2024





How to create a new home for the VAI and the material it is responsible for; which provides optimal storing facilities and comfortable working spaces, while still being inviting to the public?





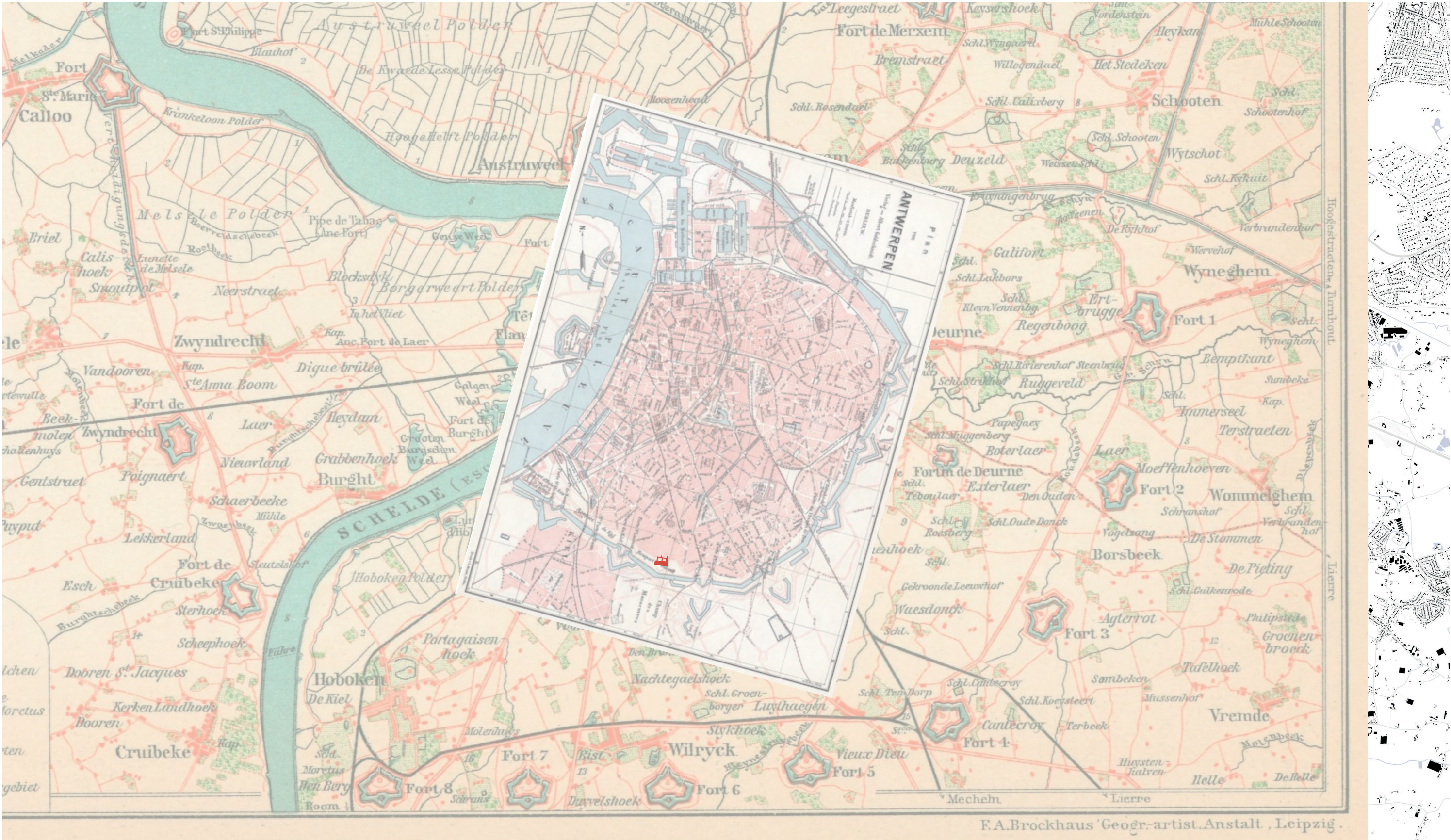
Urban context



Antwerp

1:50.000, historical maps

Large: Winkler Prins, ca. 1895. Small: Goldschmidt Albert, 1908

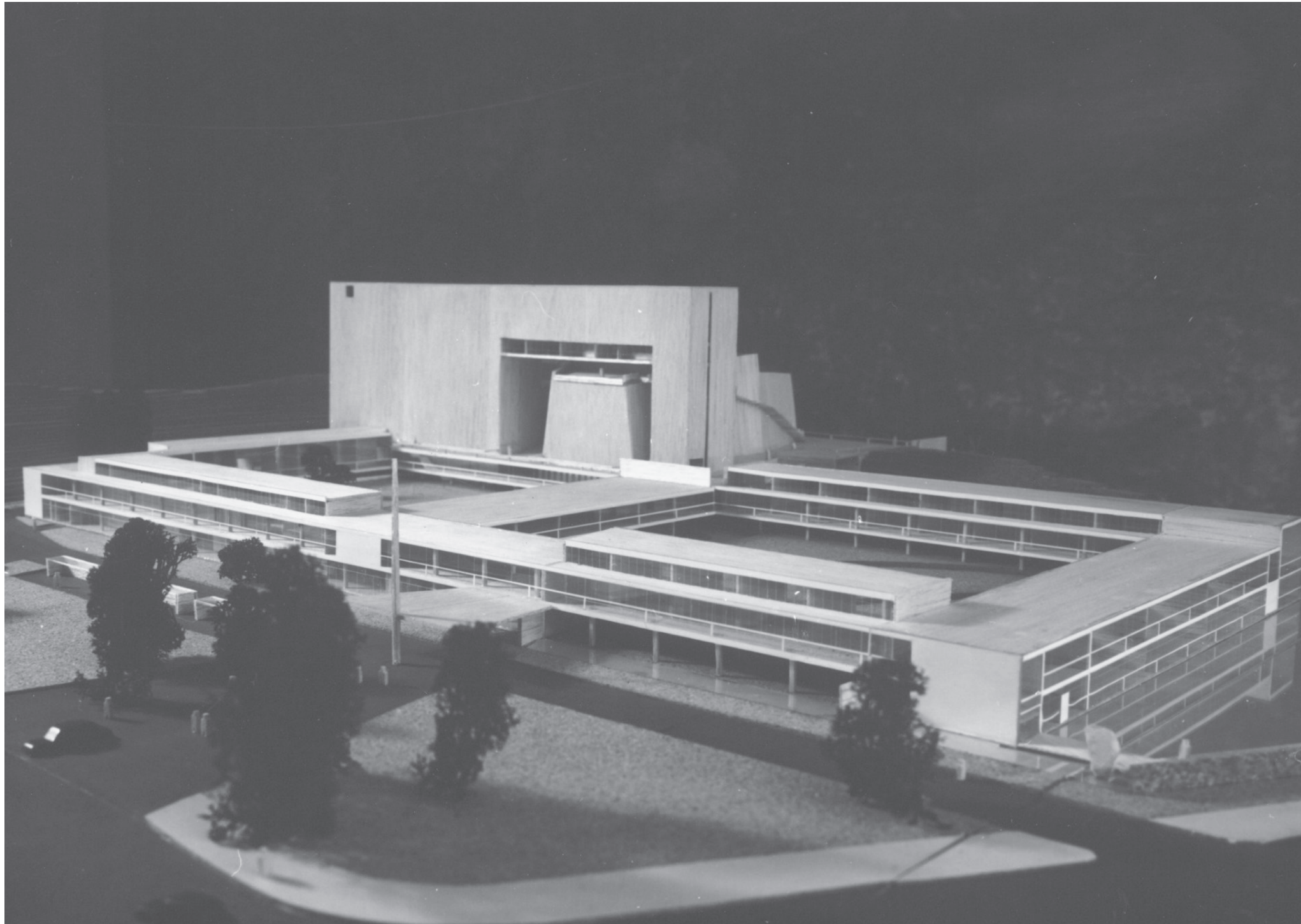




Original plan DeSingel

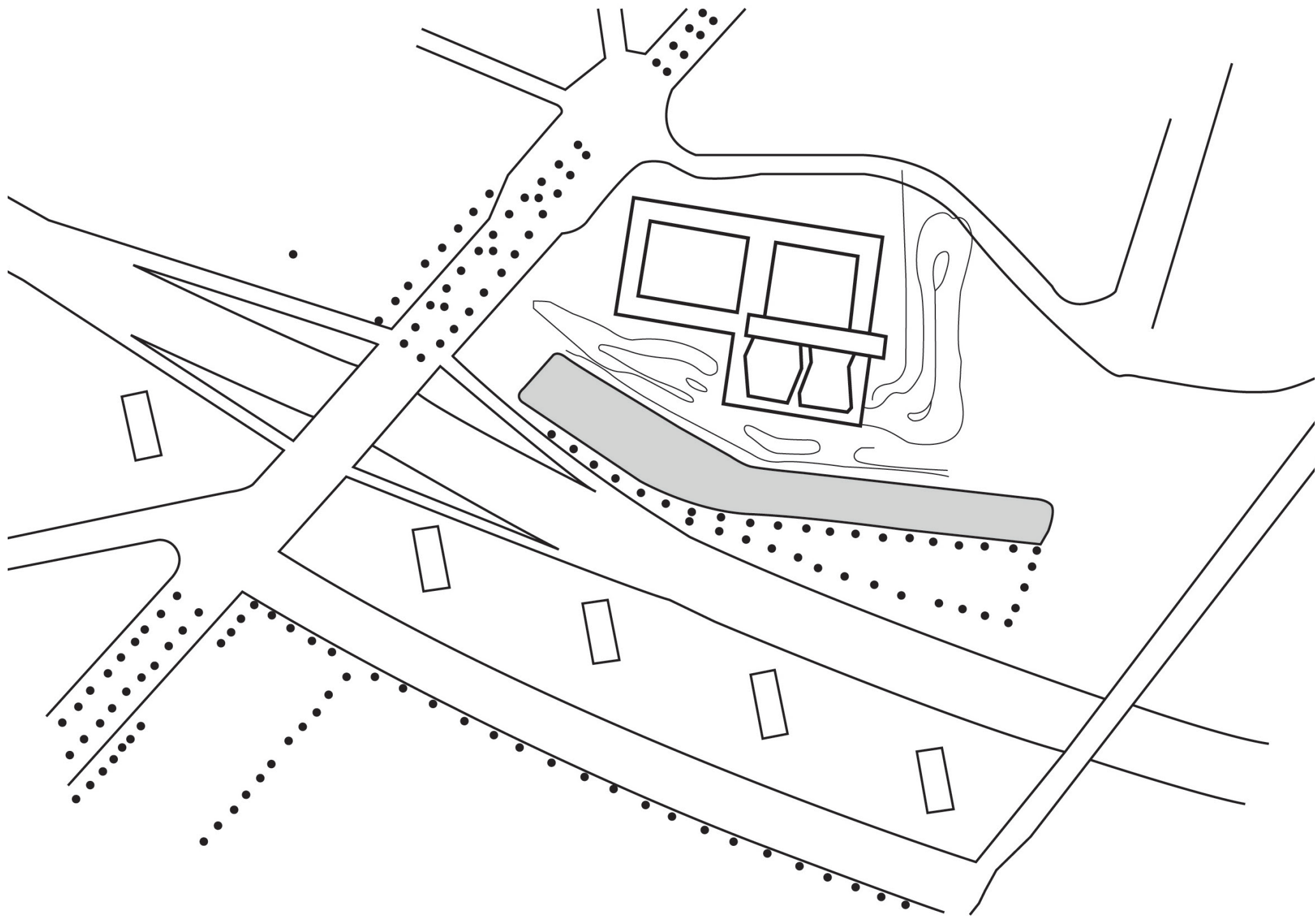
Léon Stynen, 60s

Plan DeSingel, 1960s





Plan de Wezenberg, De Bie, 1990

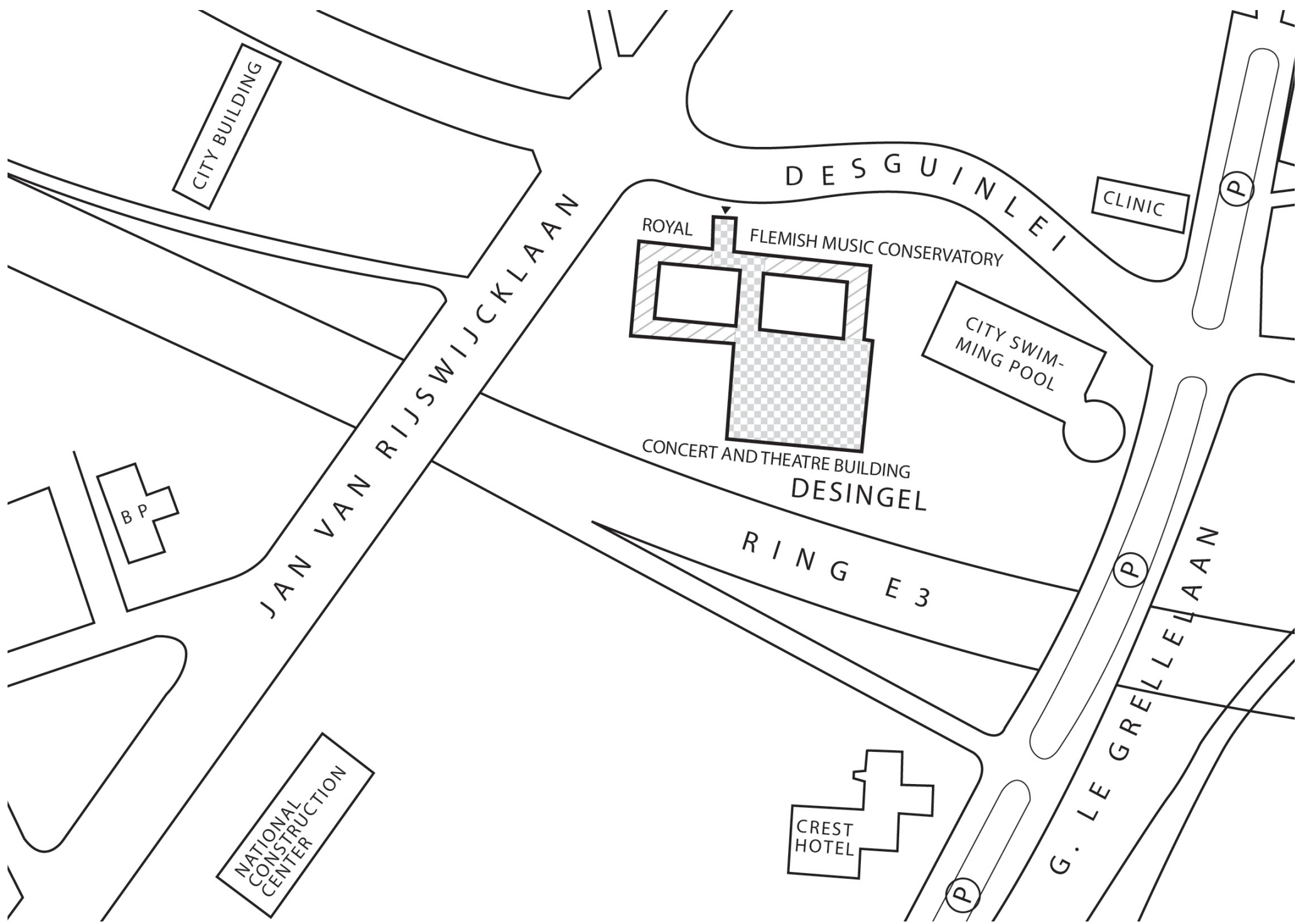


Original plan DeSingel

Situation in 90s



Plan de Wezenberg, De Bie, 1990







Pomppark Zuid

Proposal ring park with city depot



Ringpark Groene Vesten, 2021



Collection Centrum Antwerpen

Proposal by Office Winhov

Office Winhov, 2024



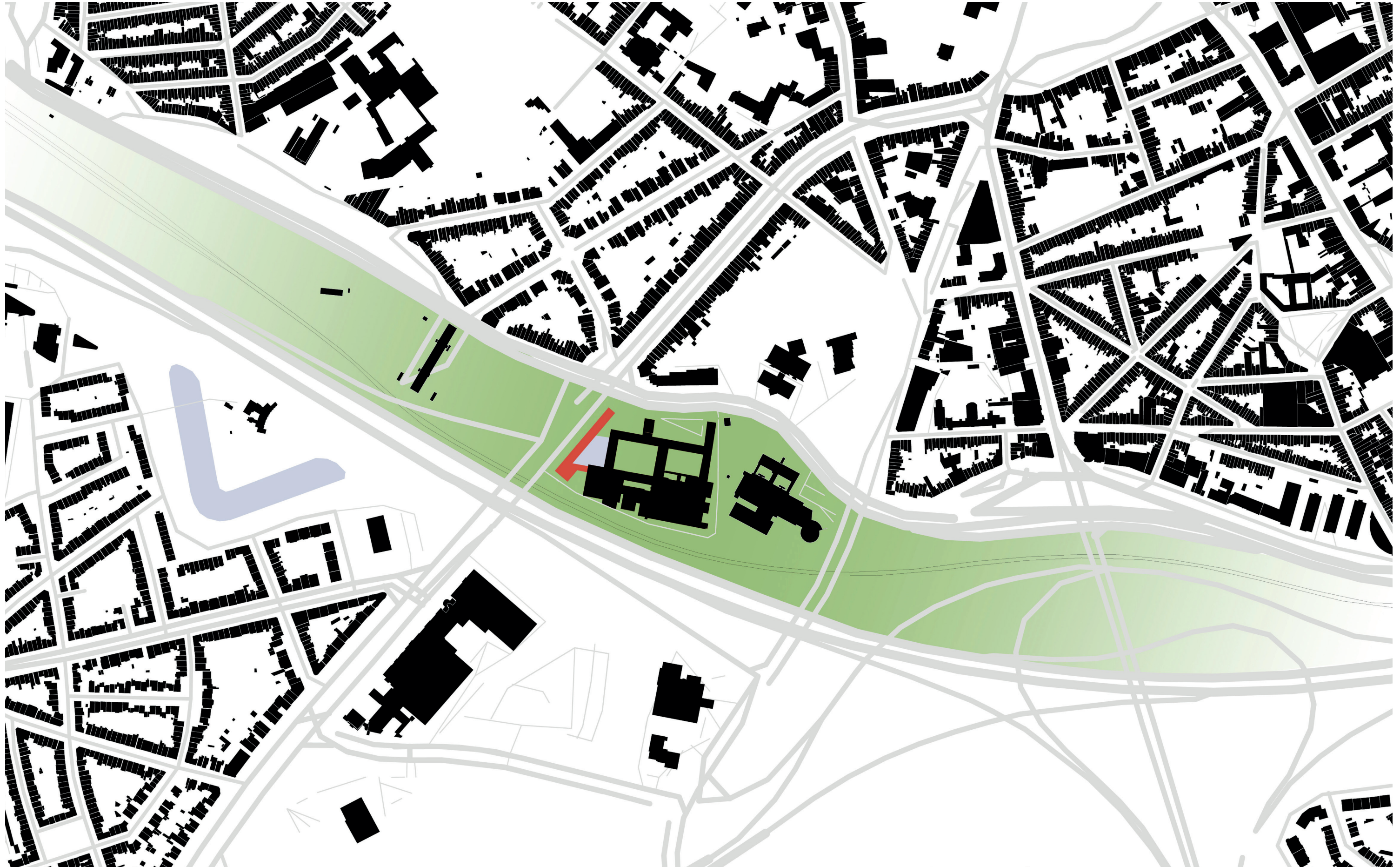


Design approach

What does the internal **culture and **identity** of the VAI mean for the **architecture** of the building in which it resides? How can the VAI be **represented**?**

Urban plan

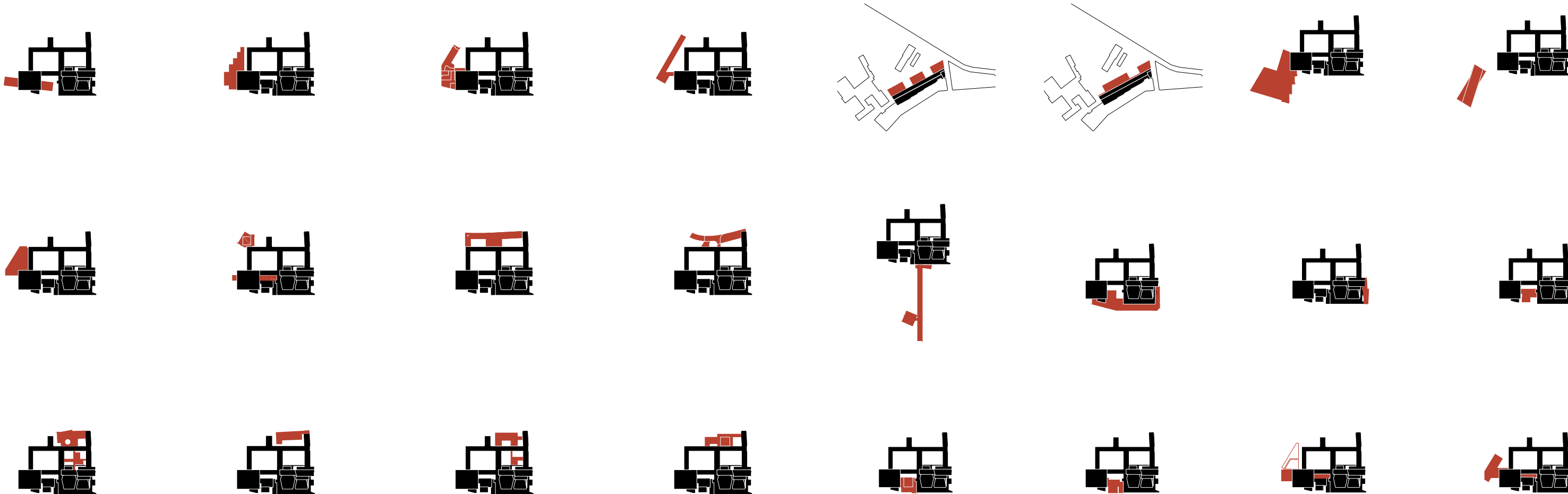
1:5000, proposal new building for the VAI

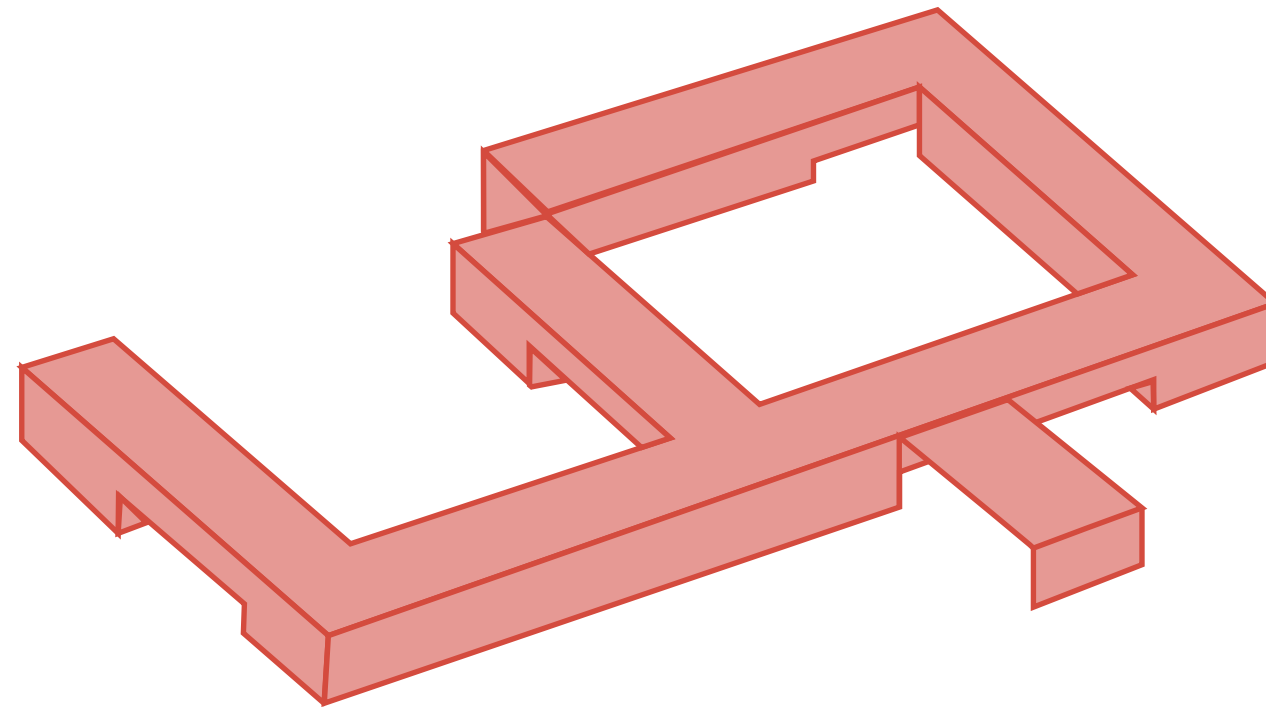


Studio proposals

Logos made for the P3

IBC graduation studio 2025

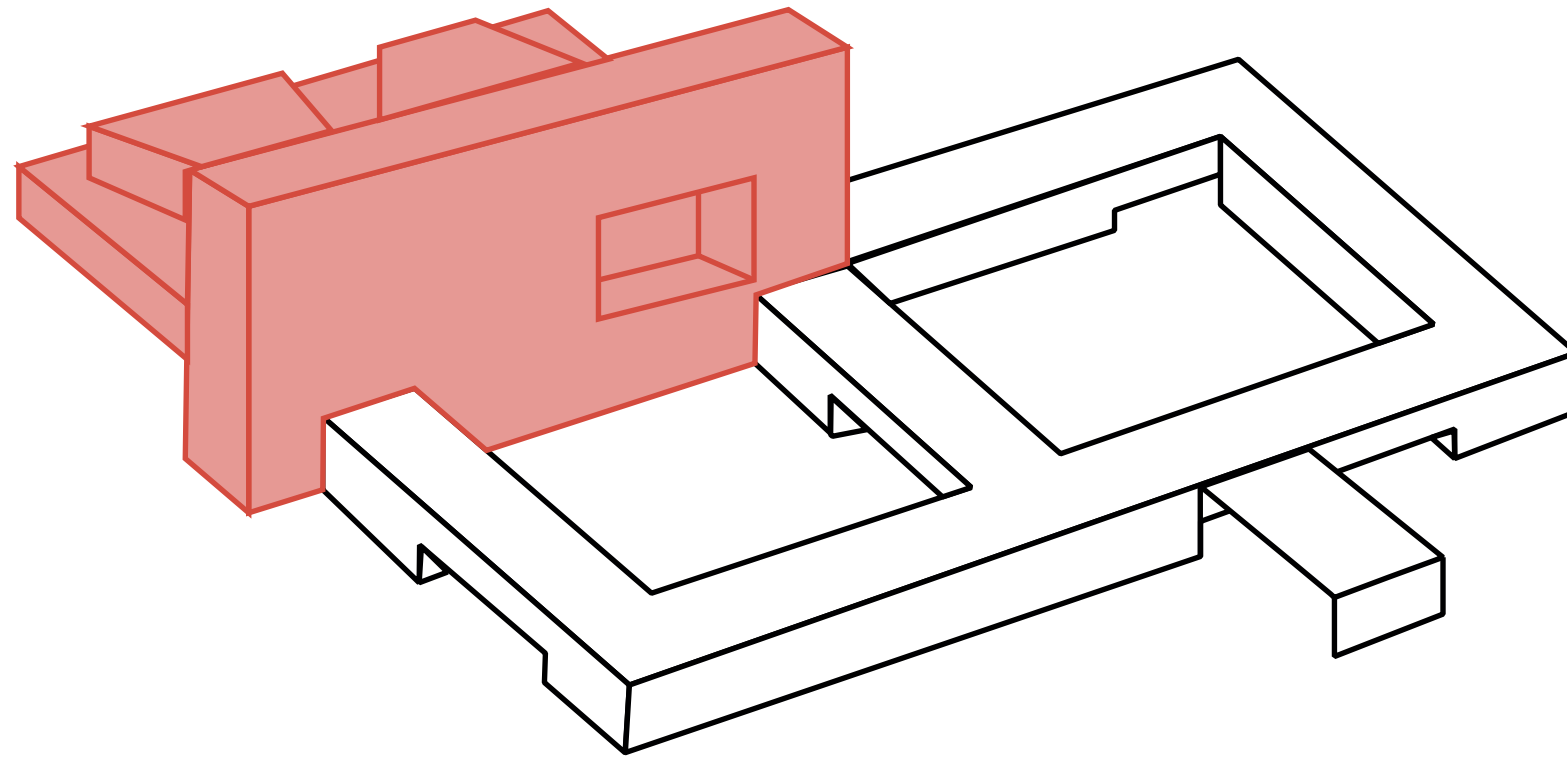




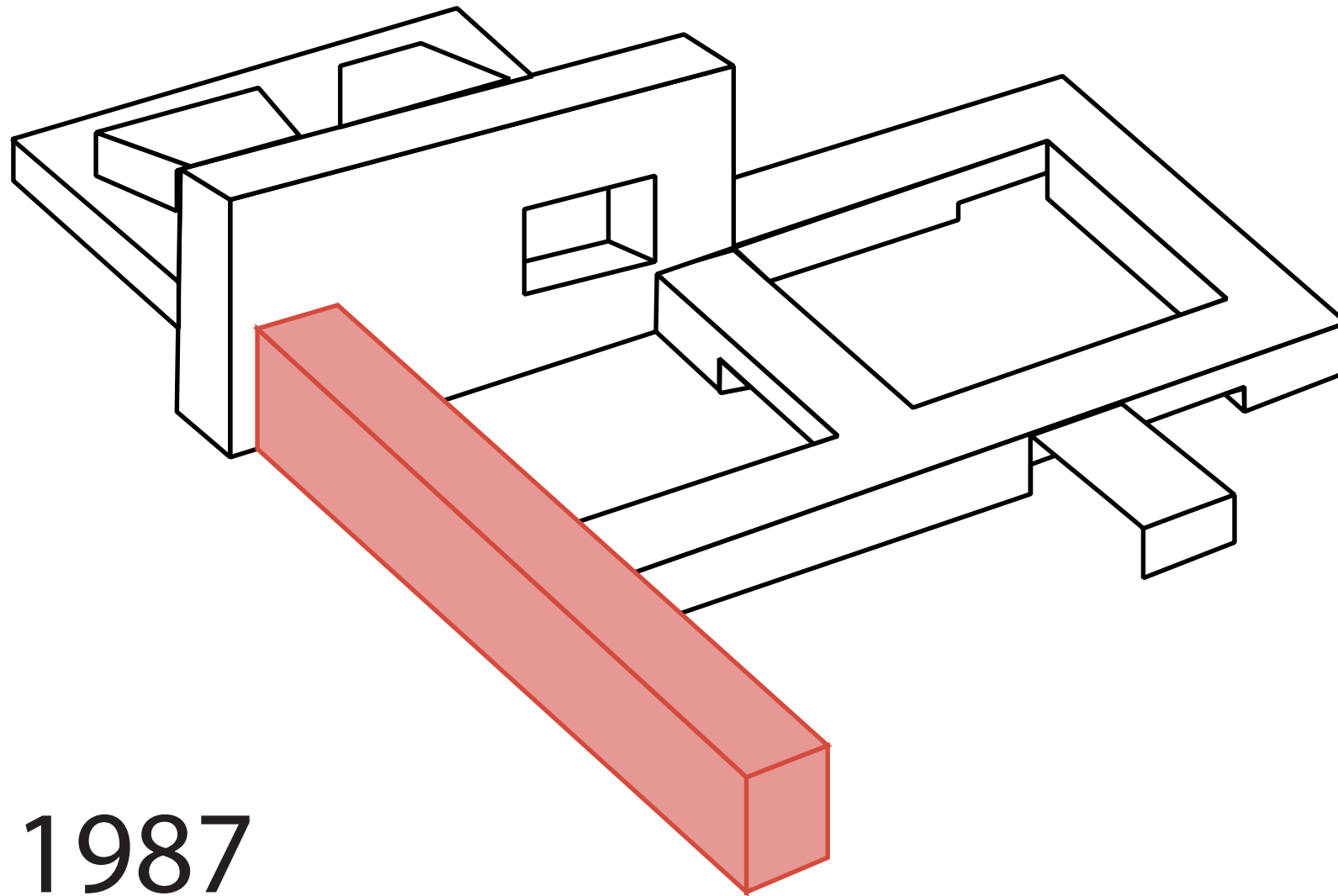
1968

Development of DeSingel pt. 2

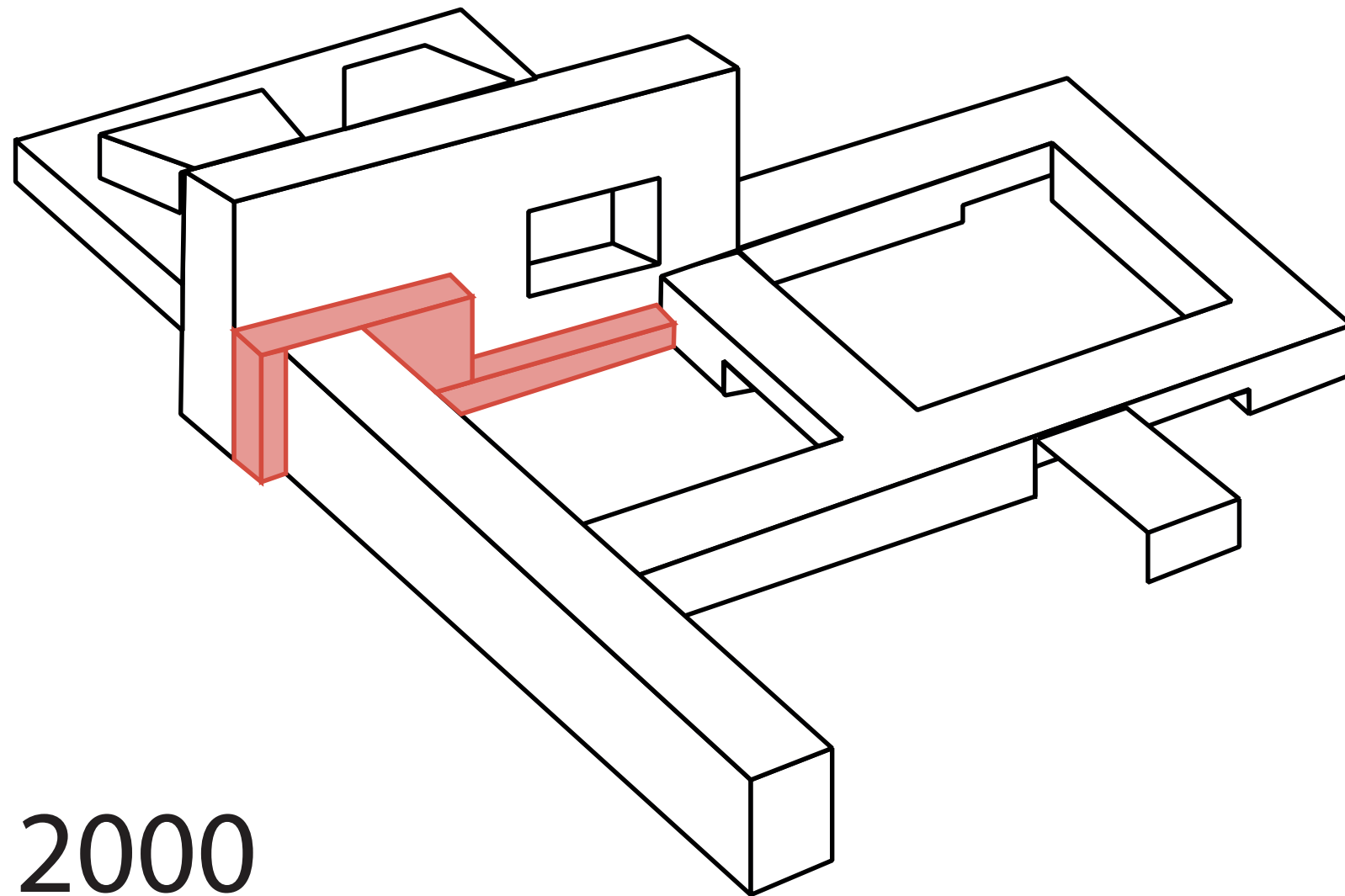
Léon Stynen, Paul De Meyer



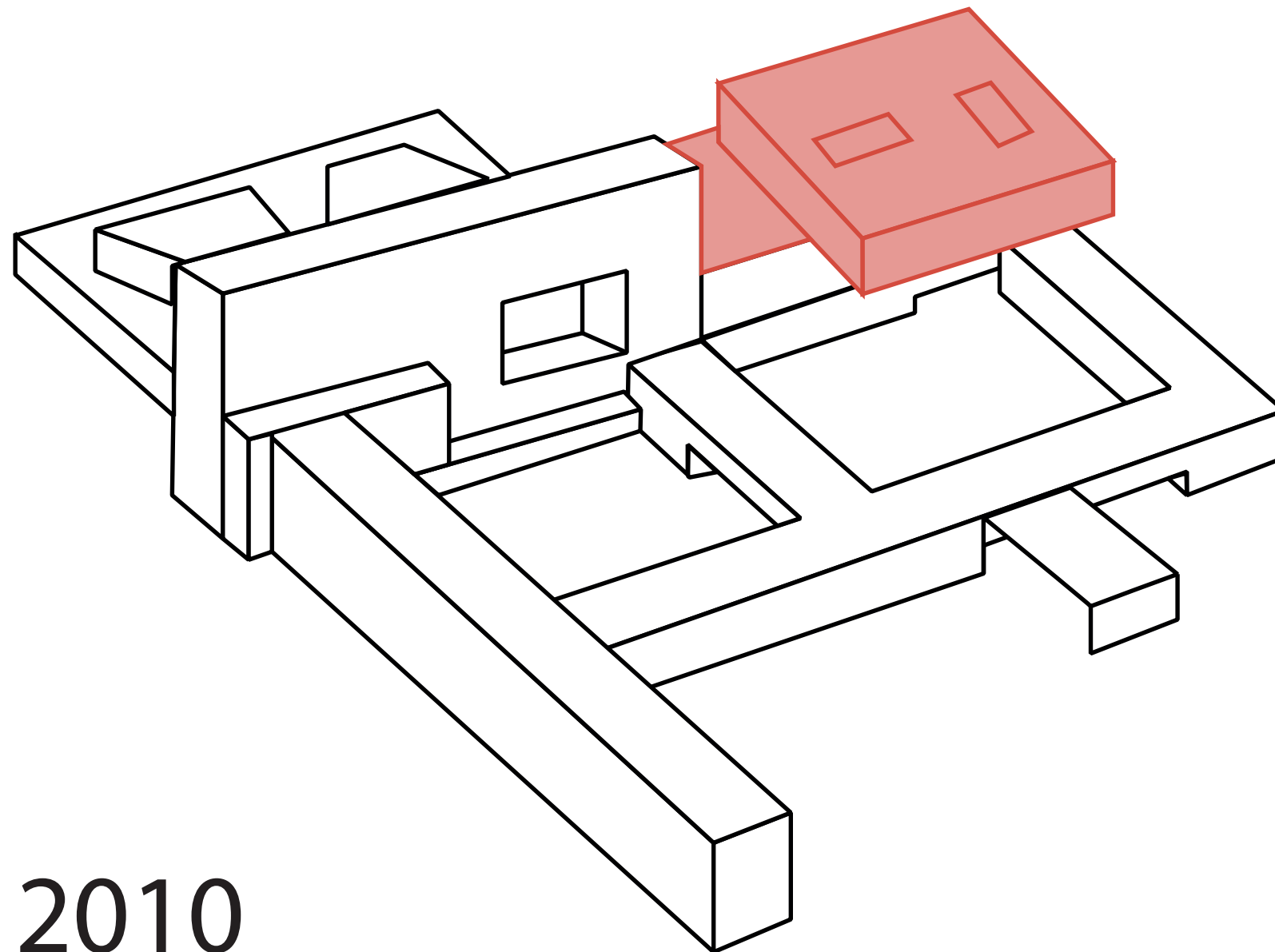
1980



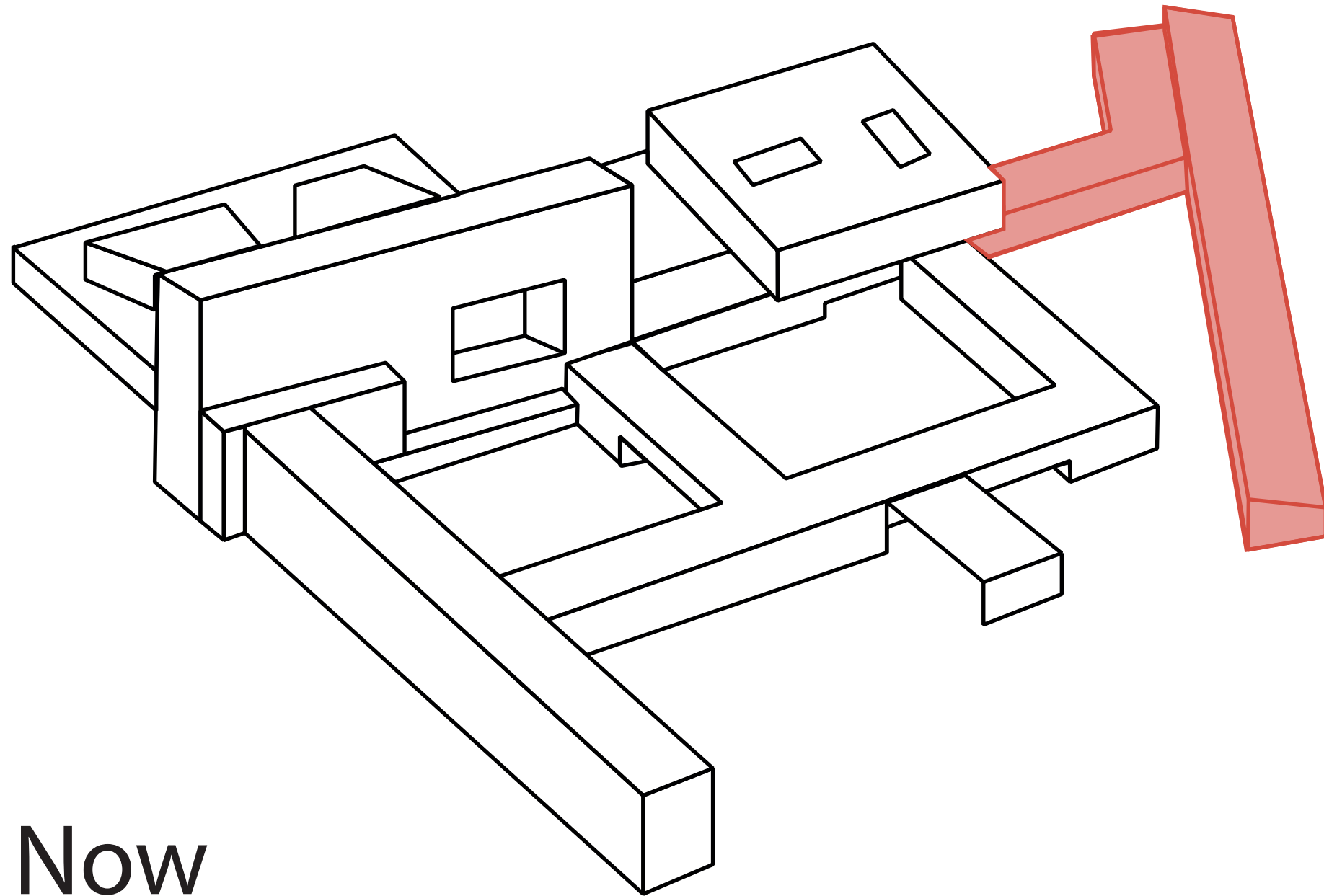
1987



2000



2010

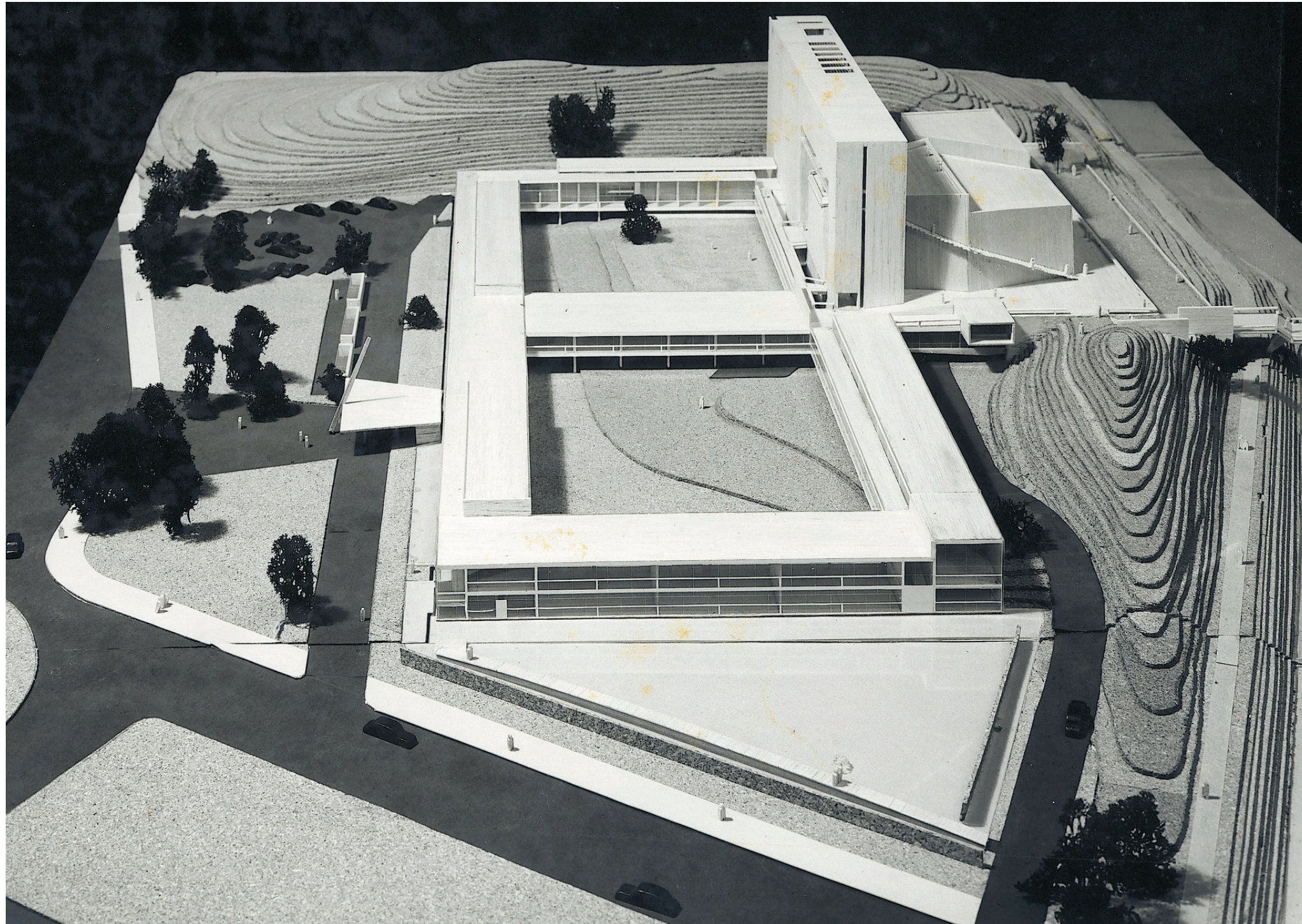


Now

Original design DeSingel

Léon Stynen, 60s

Plan DeSingel, 1960s



Original pond

Léon Stynen, 60s

Archival material





**How can the VAI balance the public-private
dichotomy in its policy and architecture?**

Precedent studies

Bordeaux City Archive

Filip Dujardin



Romain Touron, Laura Tijchon, Casper van Tilburg



Site visits

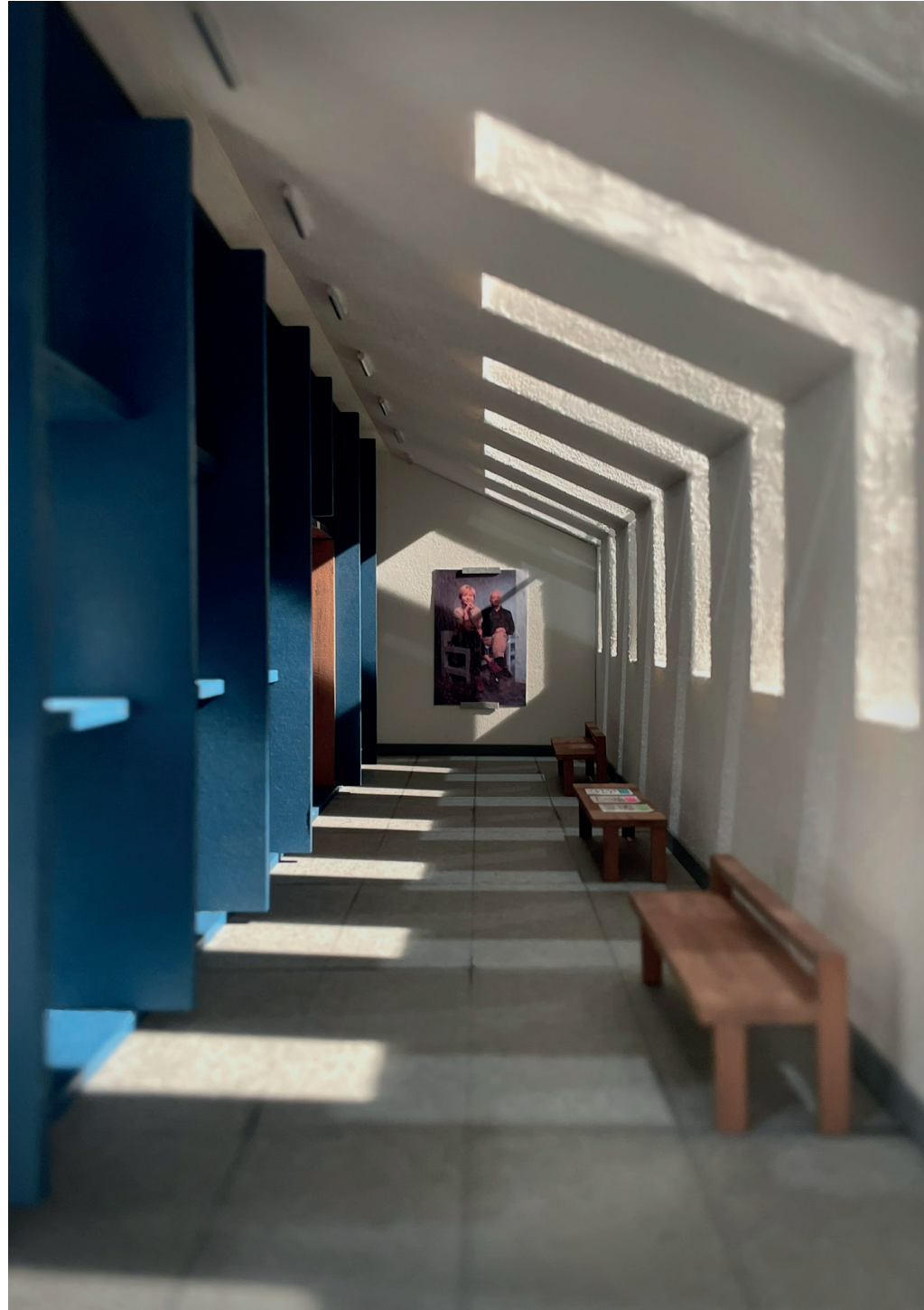
Boijmans van Beuningen museum depot

Ossip van Duivenbode



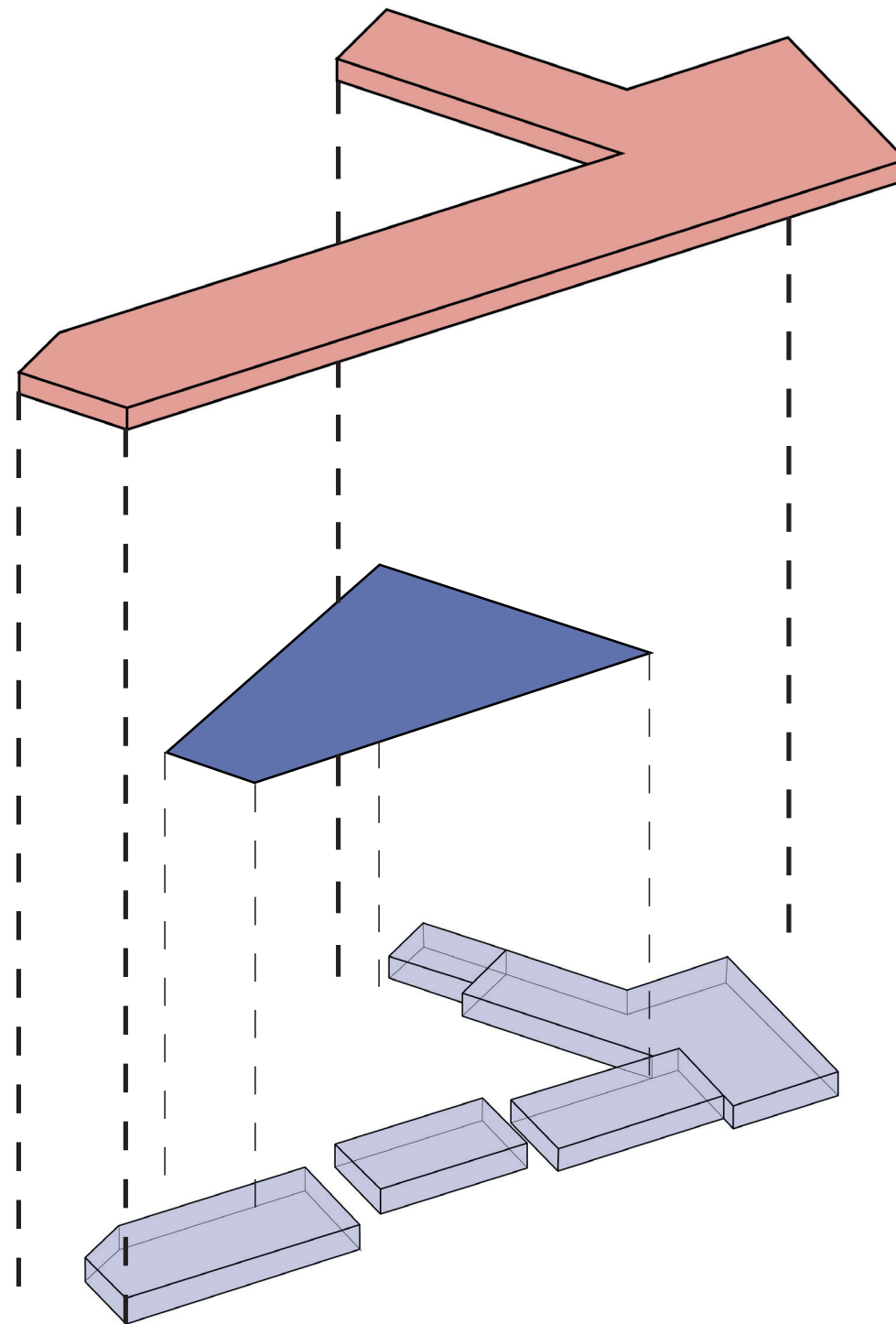
P1 presentation

The wall that isn't a wall



P2 presentation

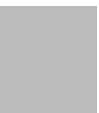
Building design: pavillions



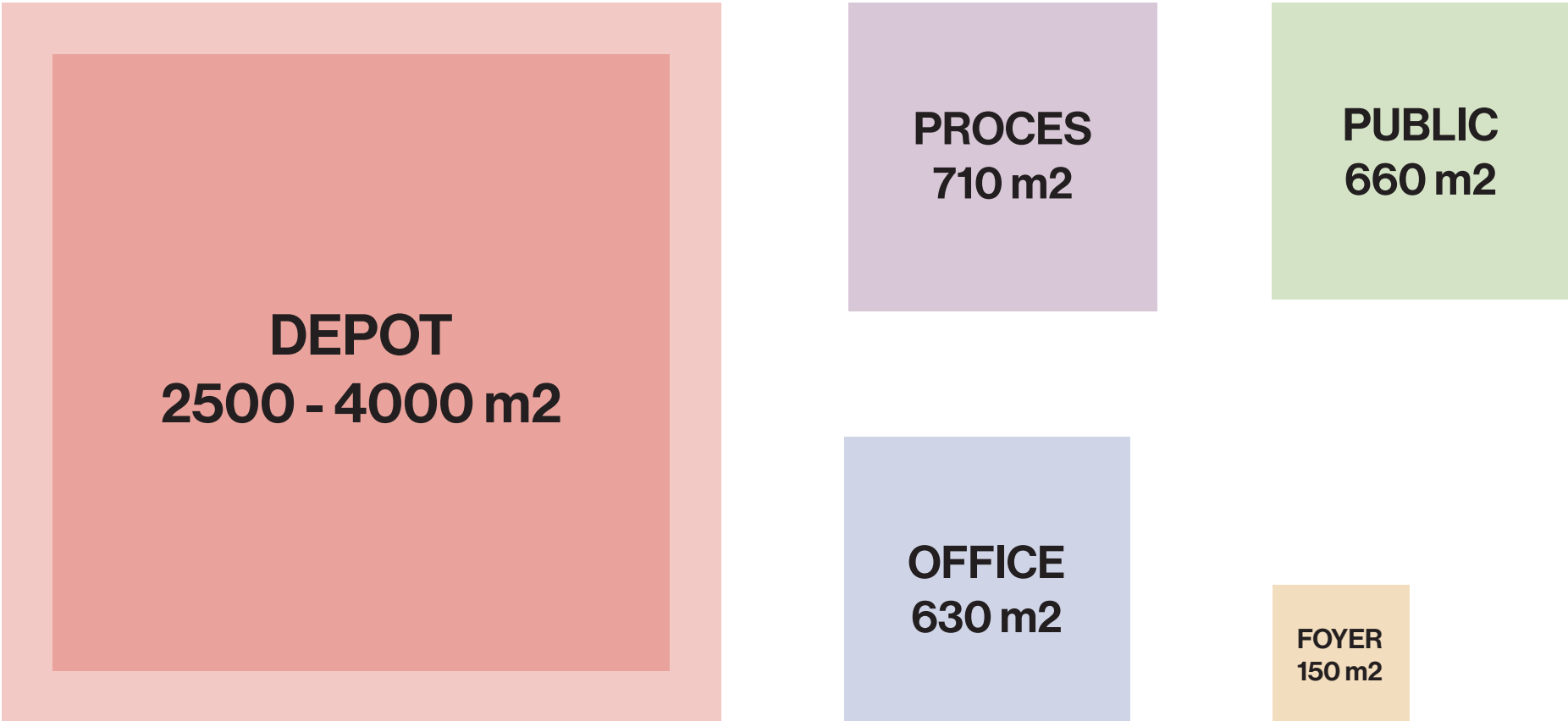
P3 presentation

Fragment design: a reading room



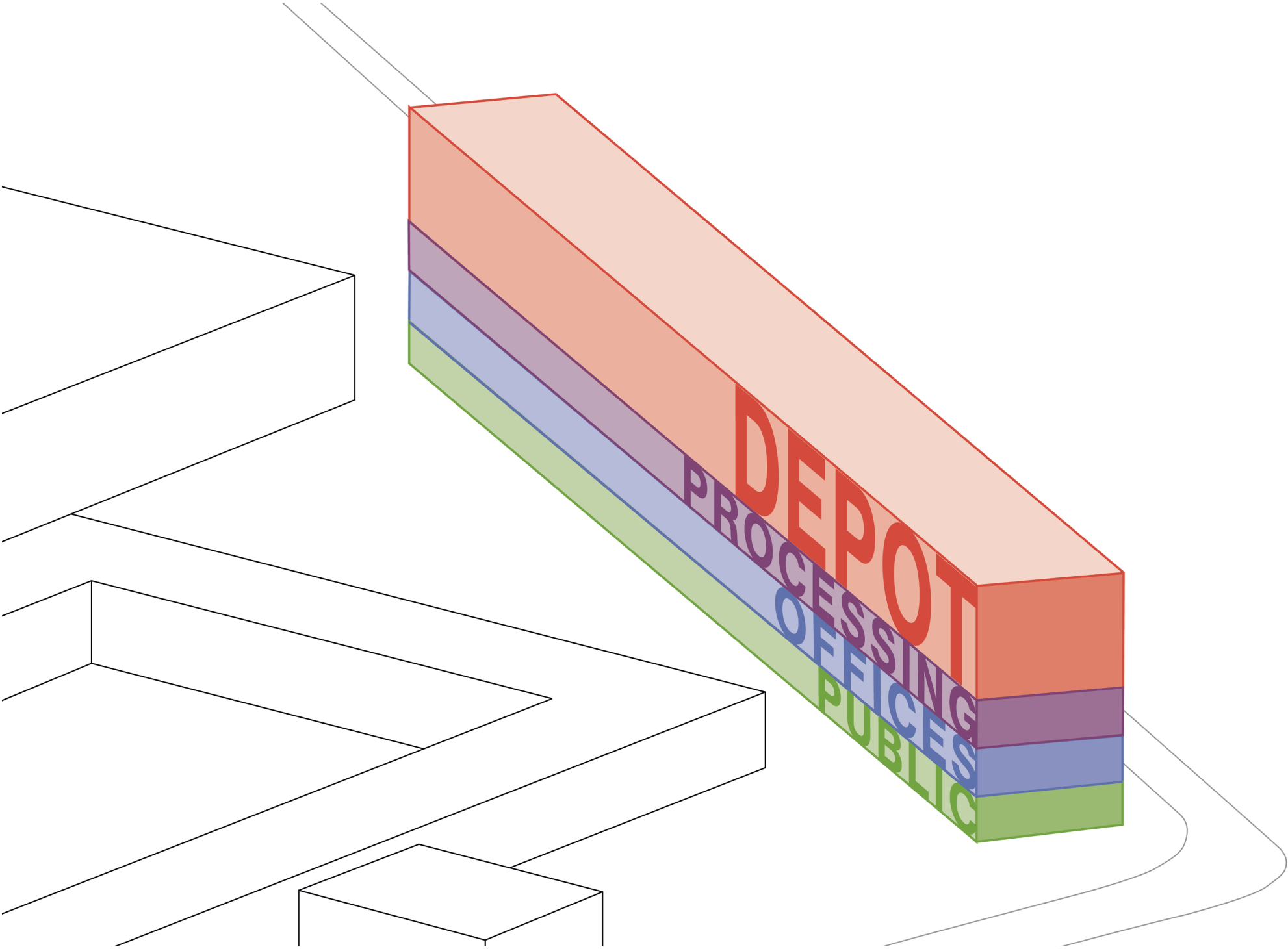


Design



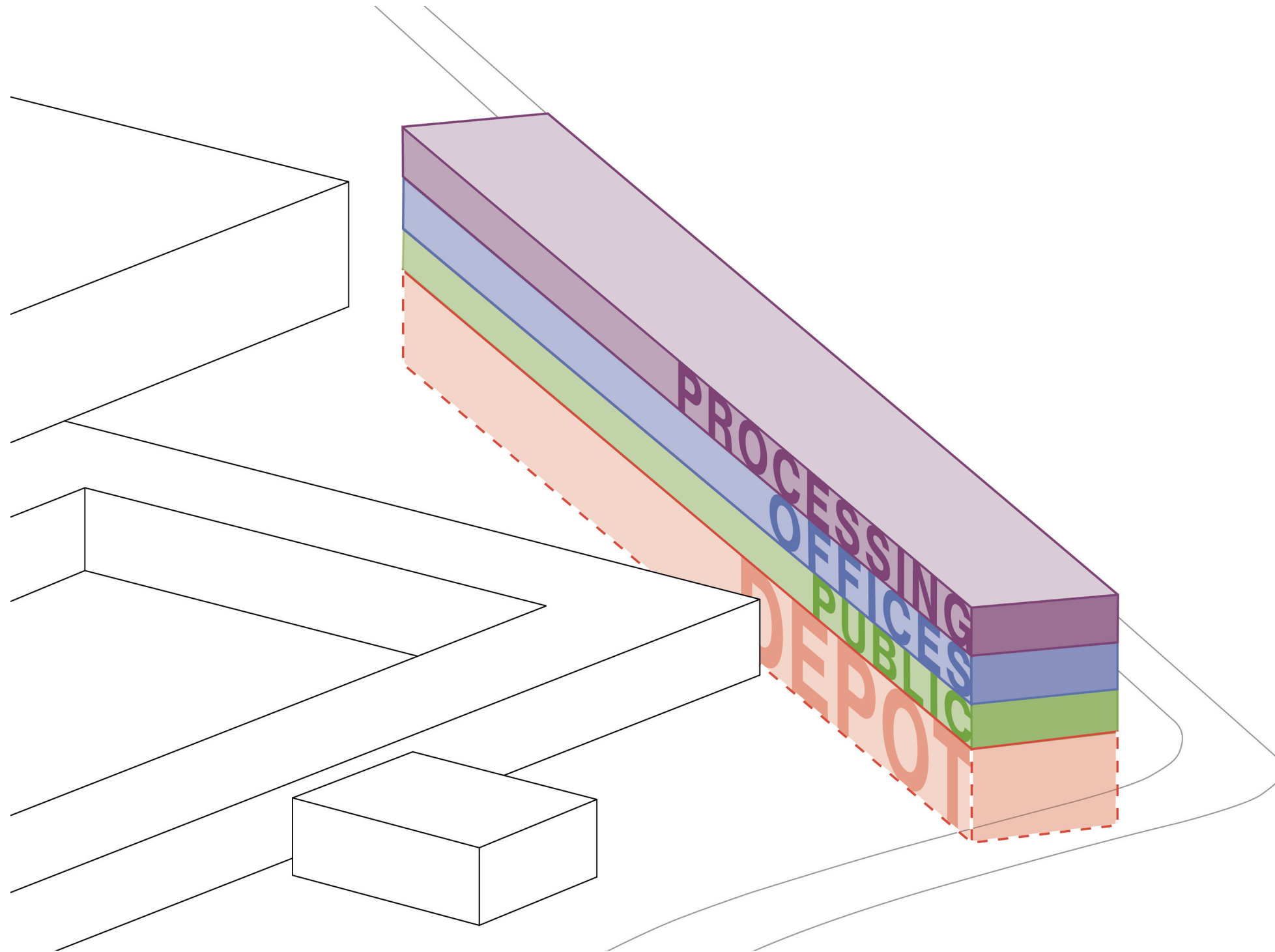
Volume development pt. 1

Horizontal gradient of publicness



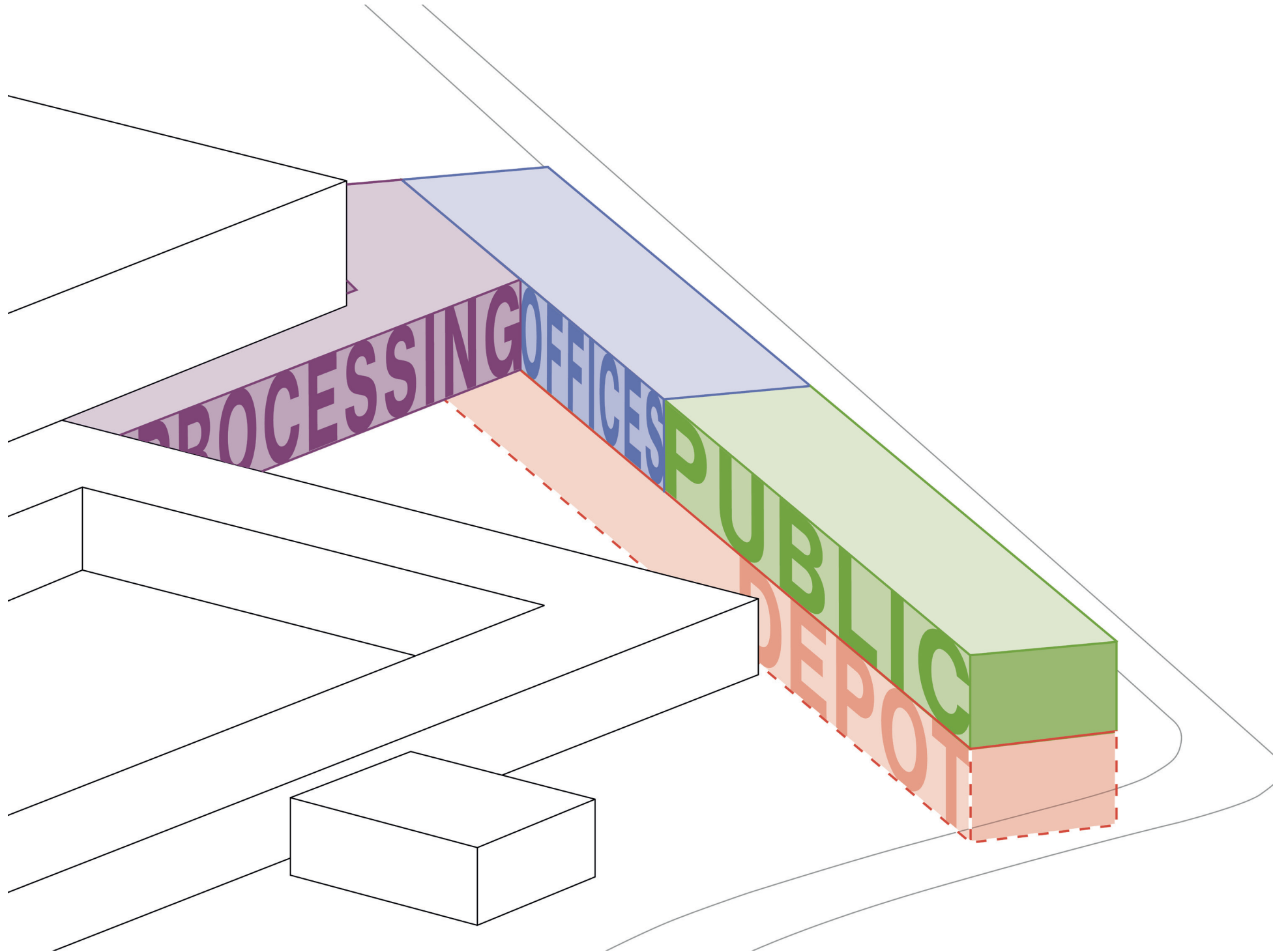
Volume development pt.2

Underground depot



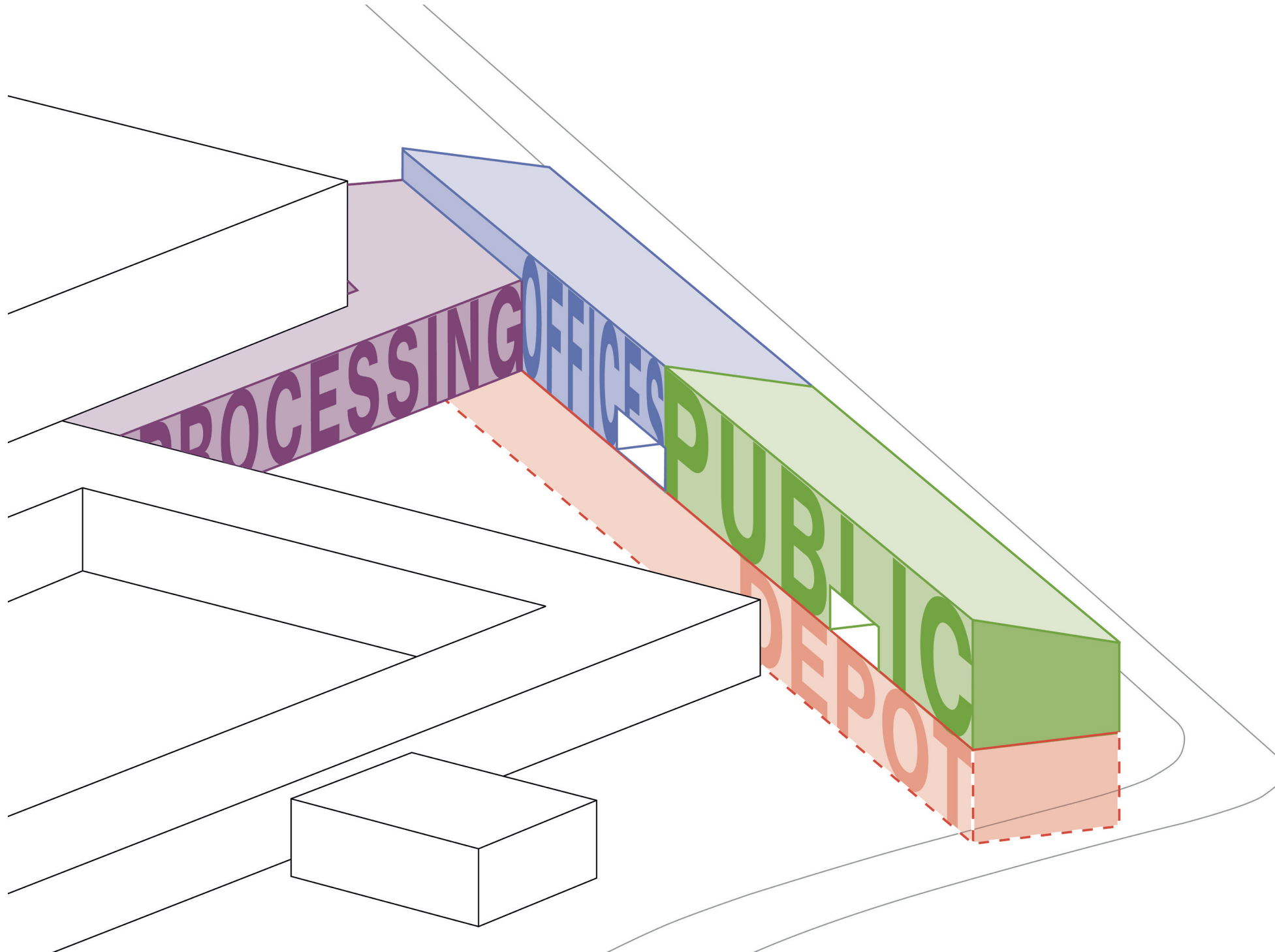
Volume development pt.3

Vertical gradient of publicness, connecting to DeSingel



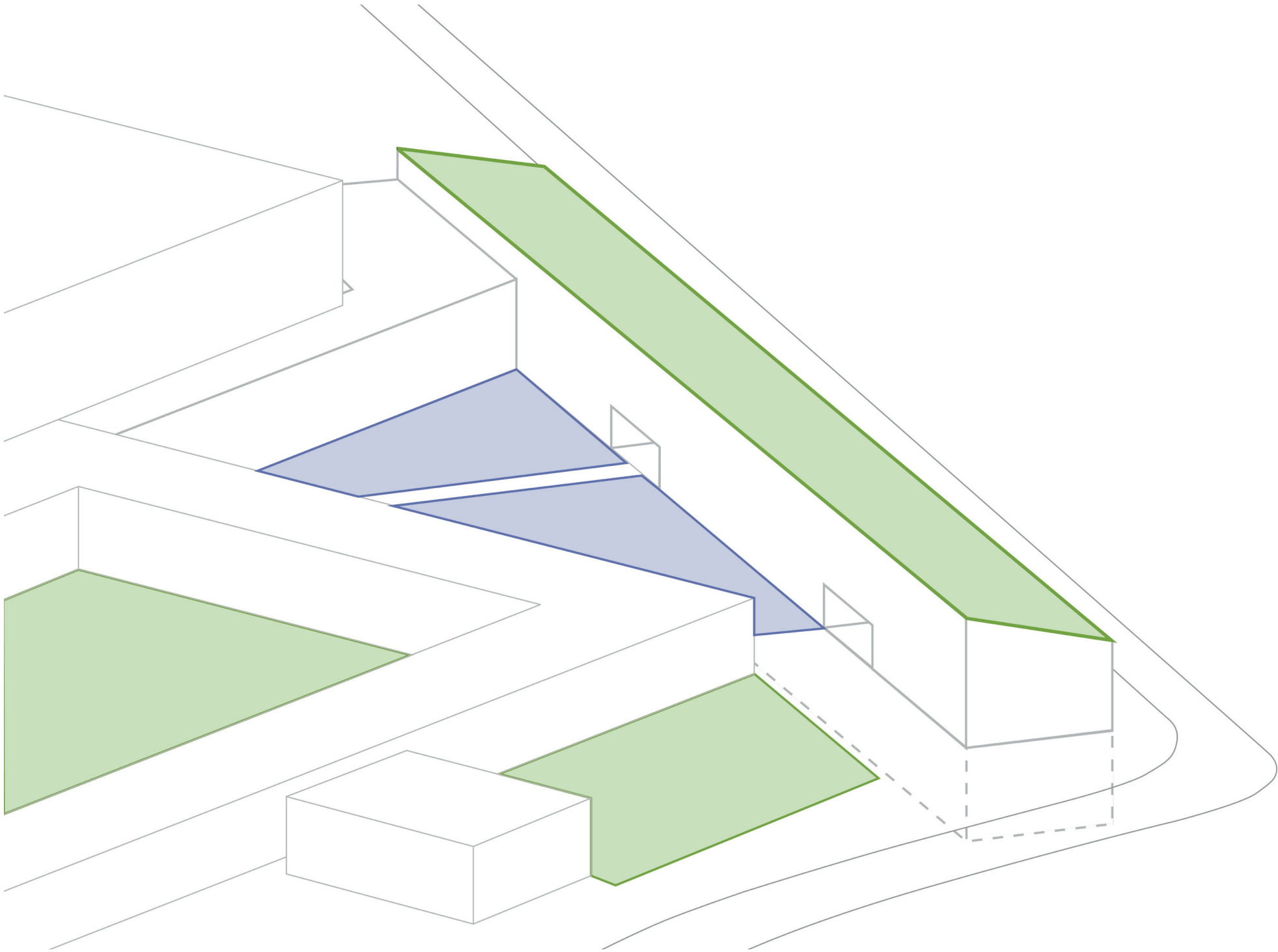
Volume development pt. 4

Adjustments to volume: sloped roof and openings for routing



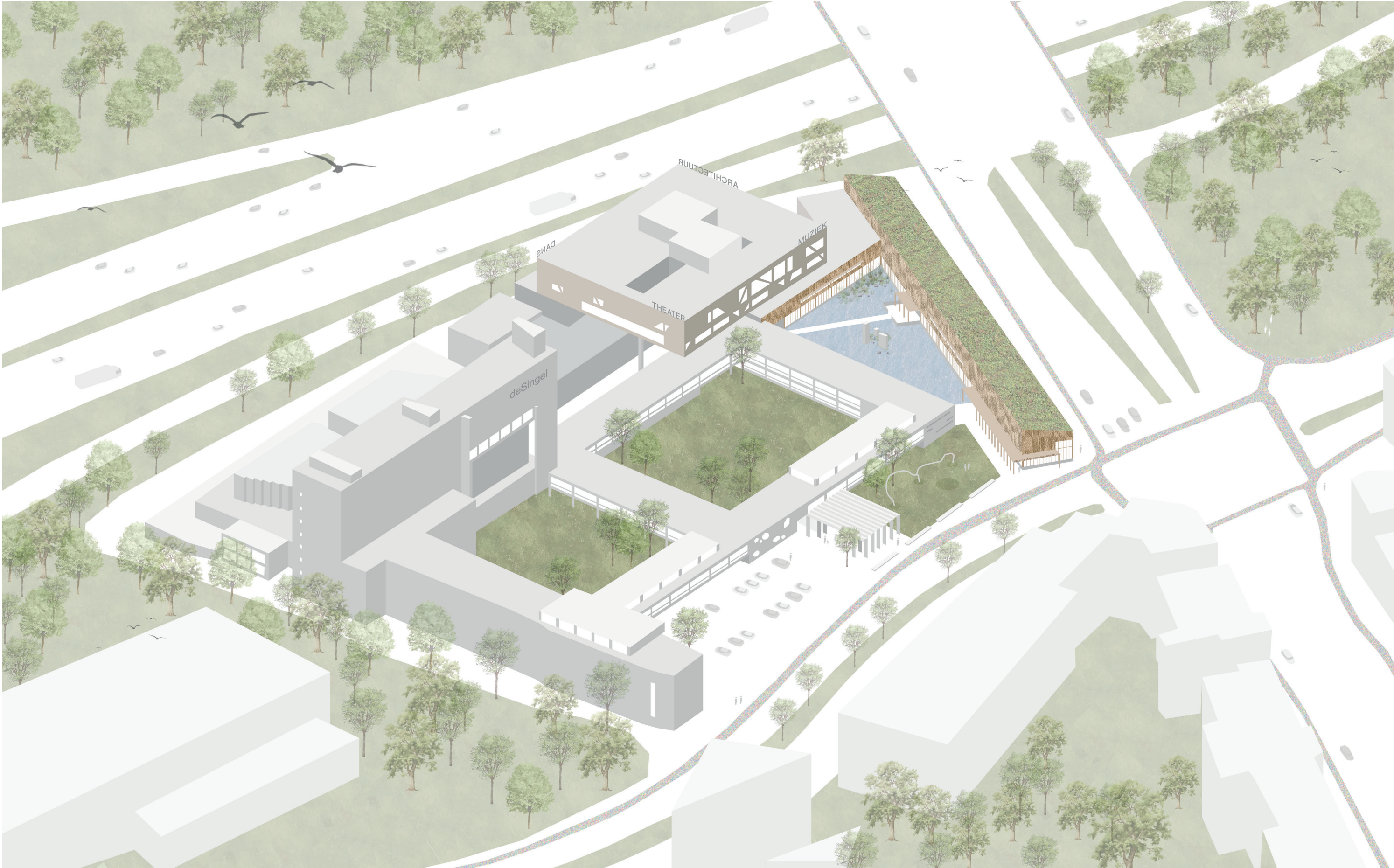
Volume development pt. 5

Courtyard and landscape



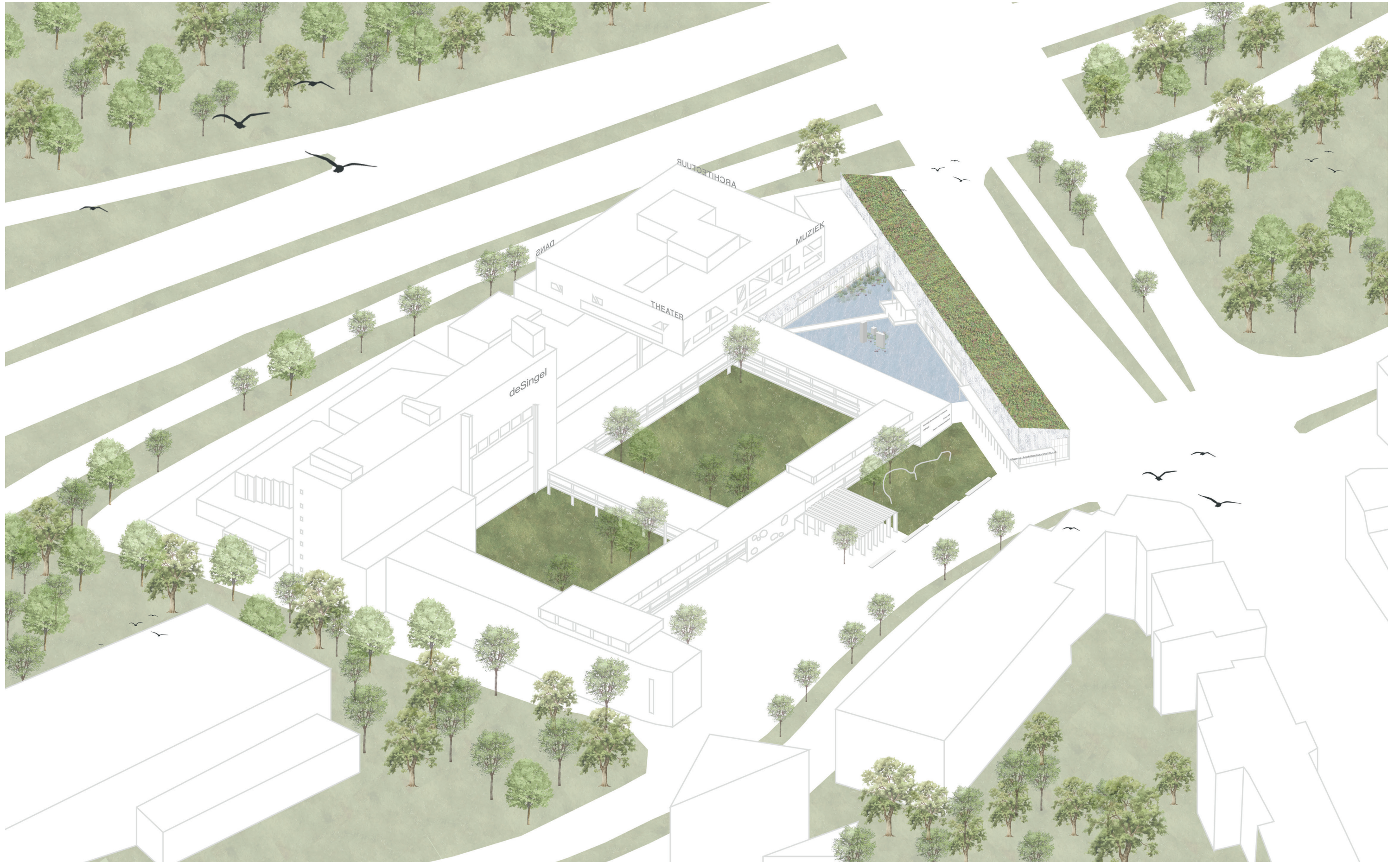
Bird's-eye view impression

Addition of the West-wing and landscape design



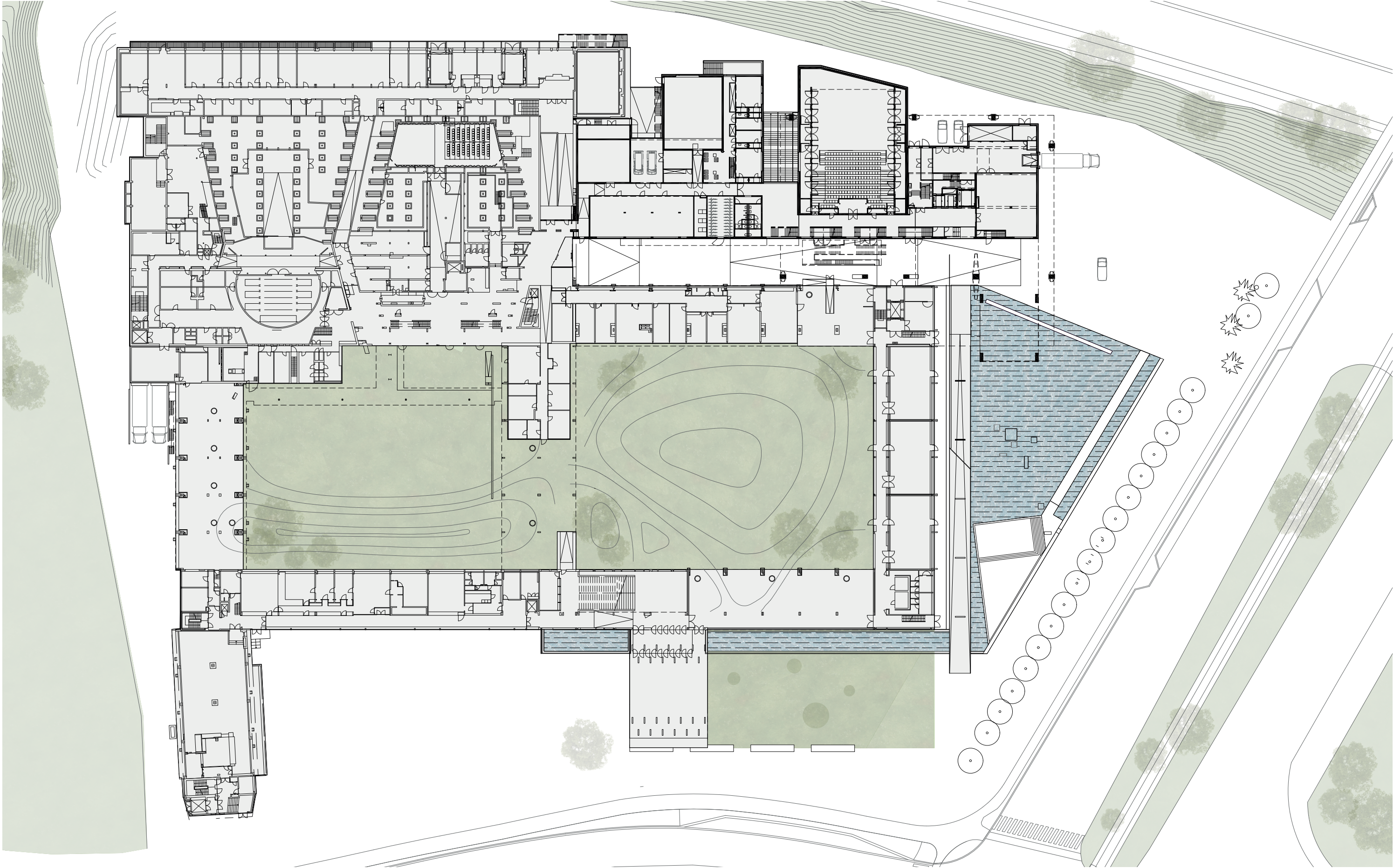
Bird's-eye view impression

Roof as a stepping stone in the landscape



Site plan: current situation

1:700



Current situation

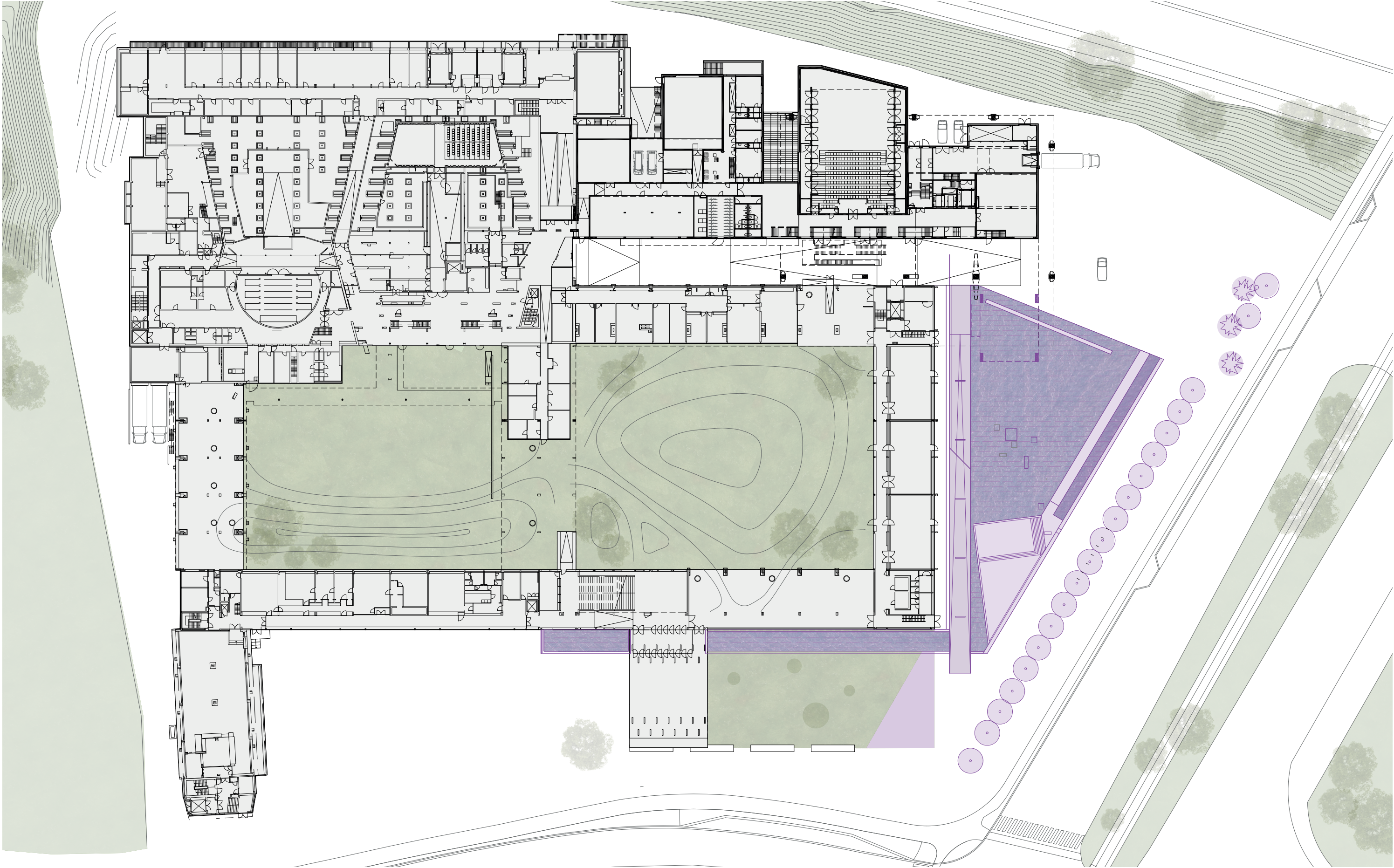
Ramp to café LEON

Iris Niederer



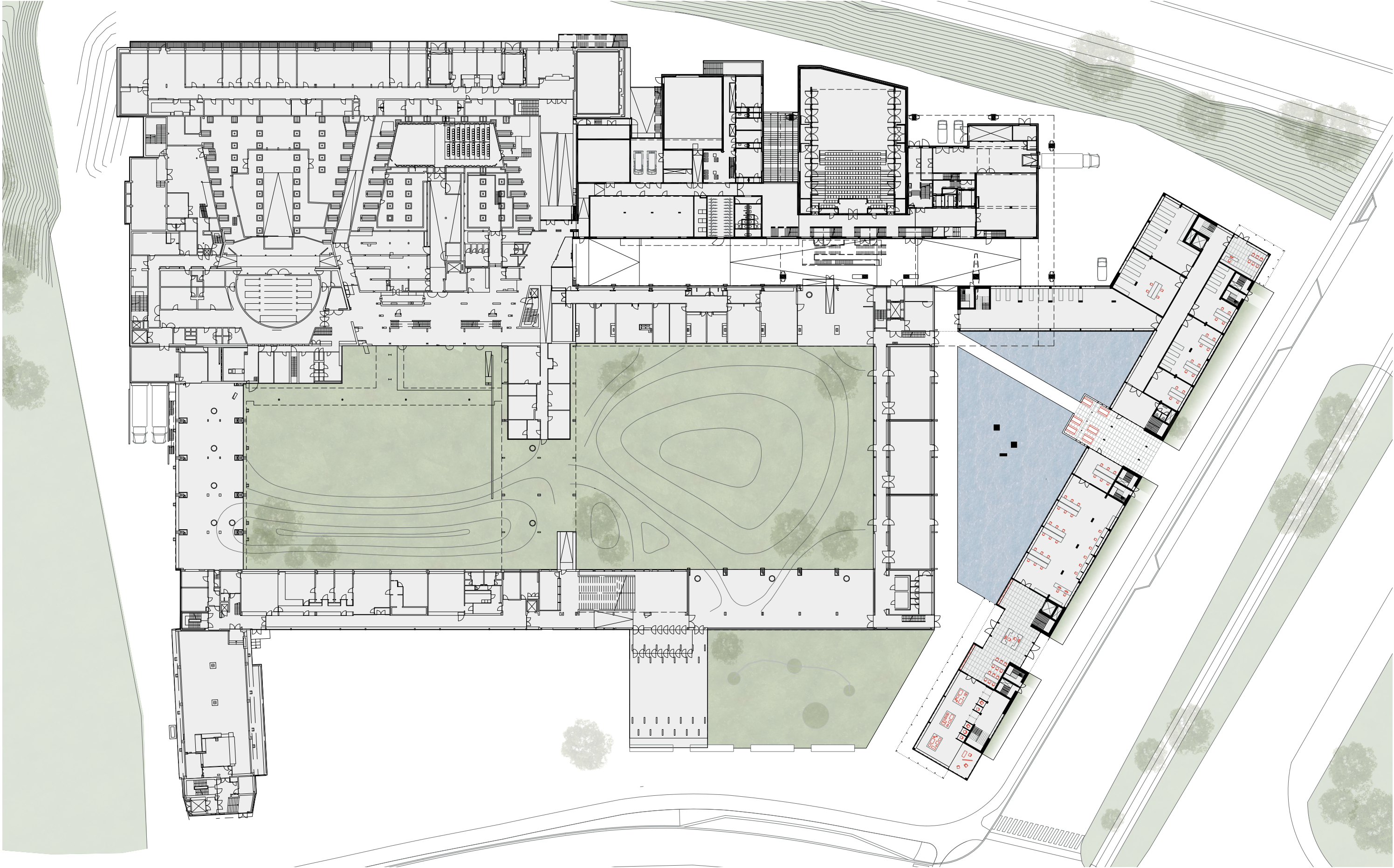
Site plan: demolition

1:700



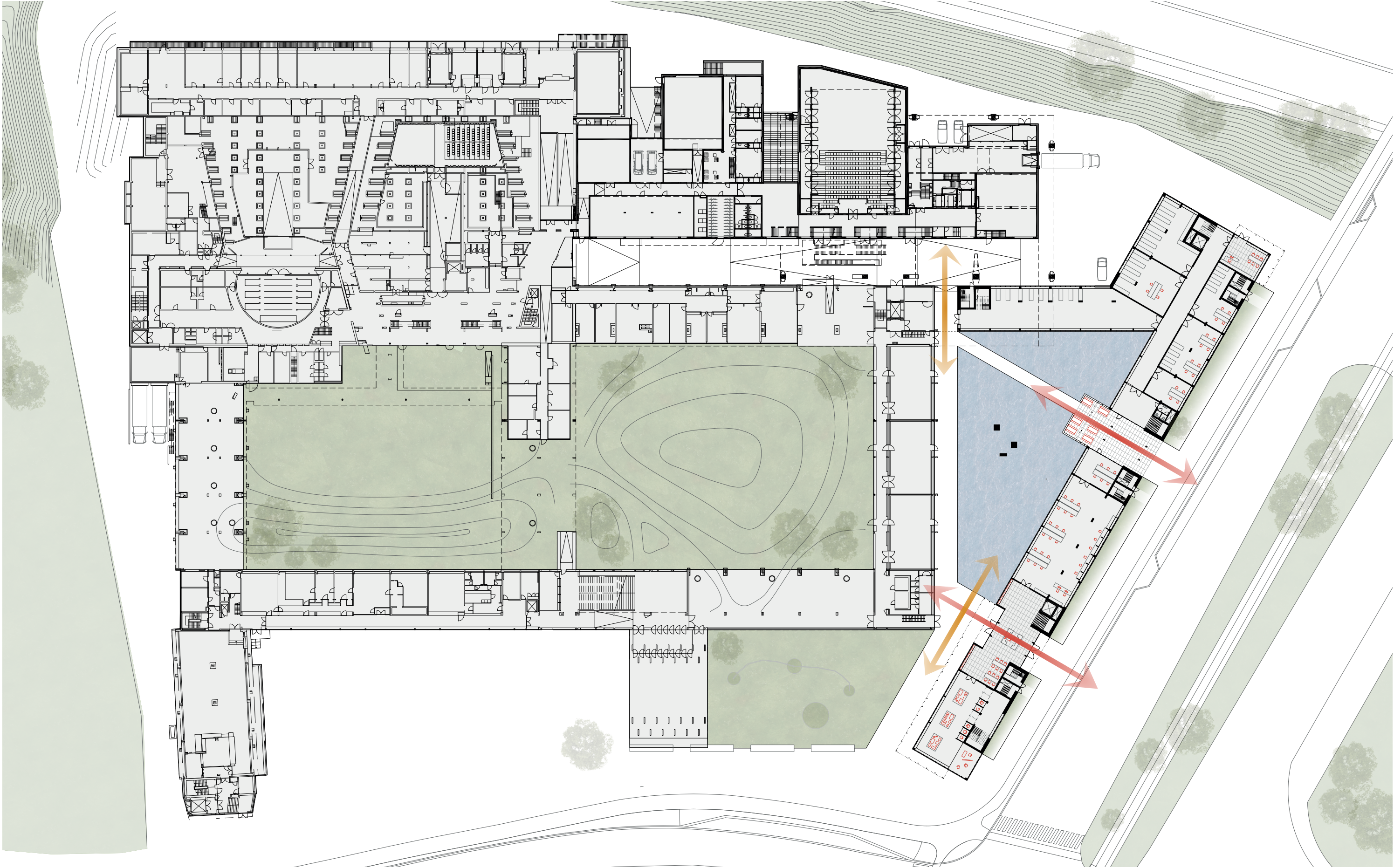
Site plan: ground floor

1:700



Site plan: ground floor

1:700, routing



Bird's-eye view impression: entrance square

Stynen's entrance canopy and the West Wing canopy



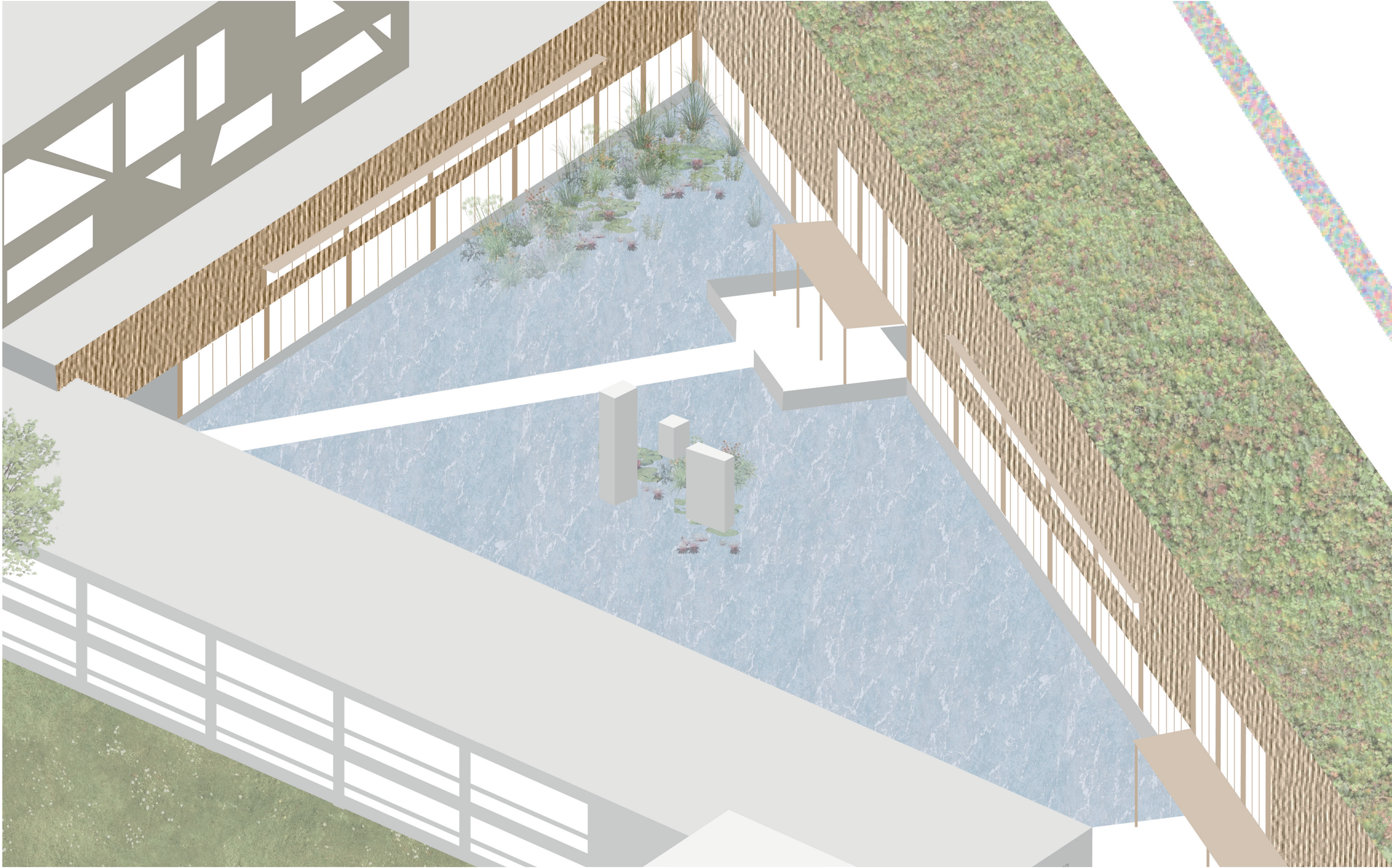
Impression public entrance

1:200 model



Impression terrace

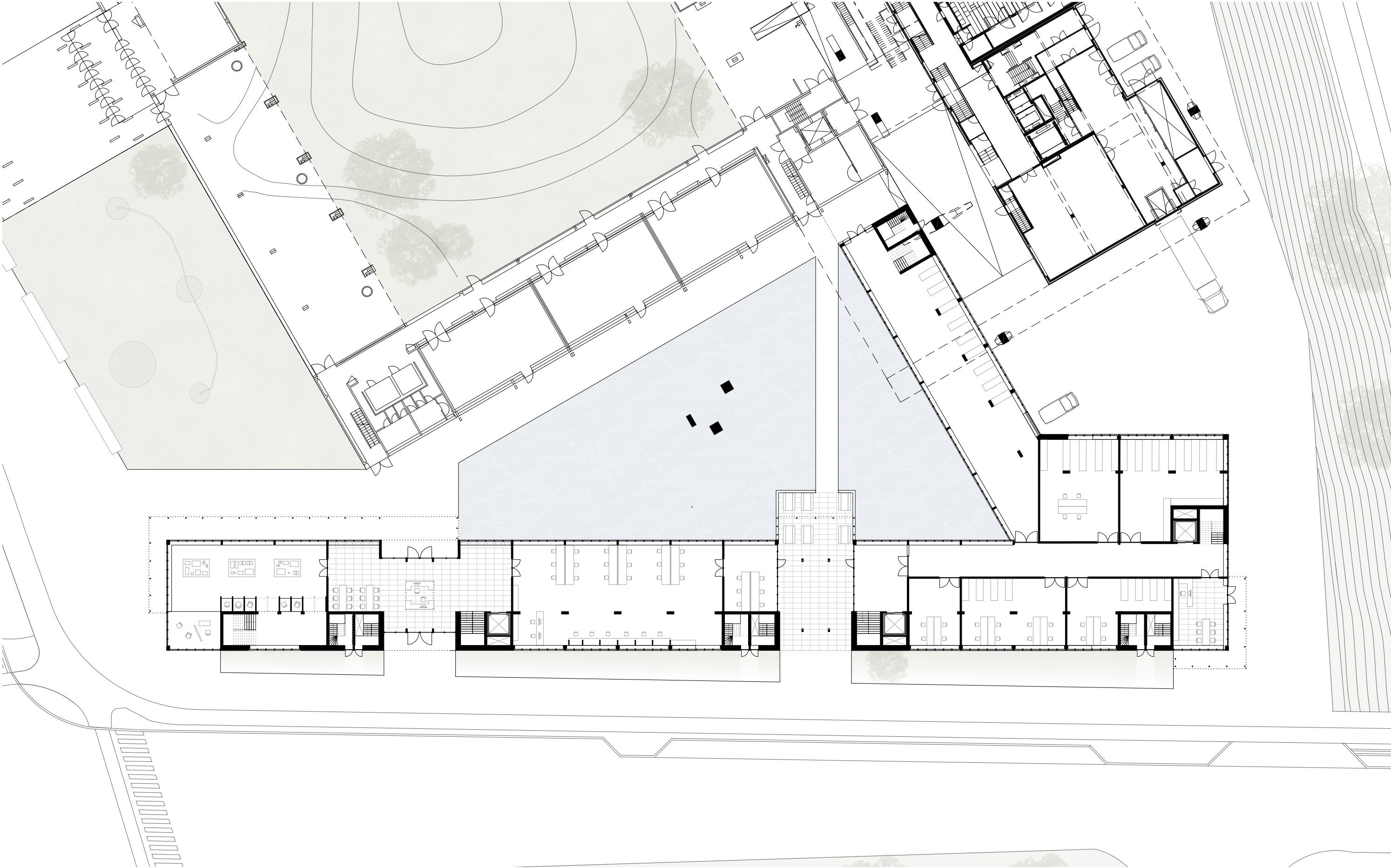
Path through the pond



Impression pond and reflection

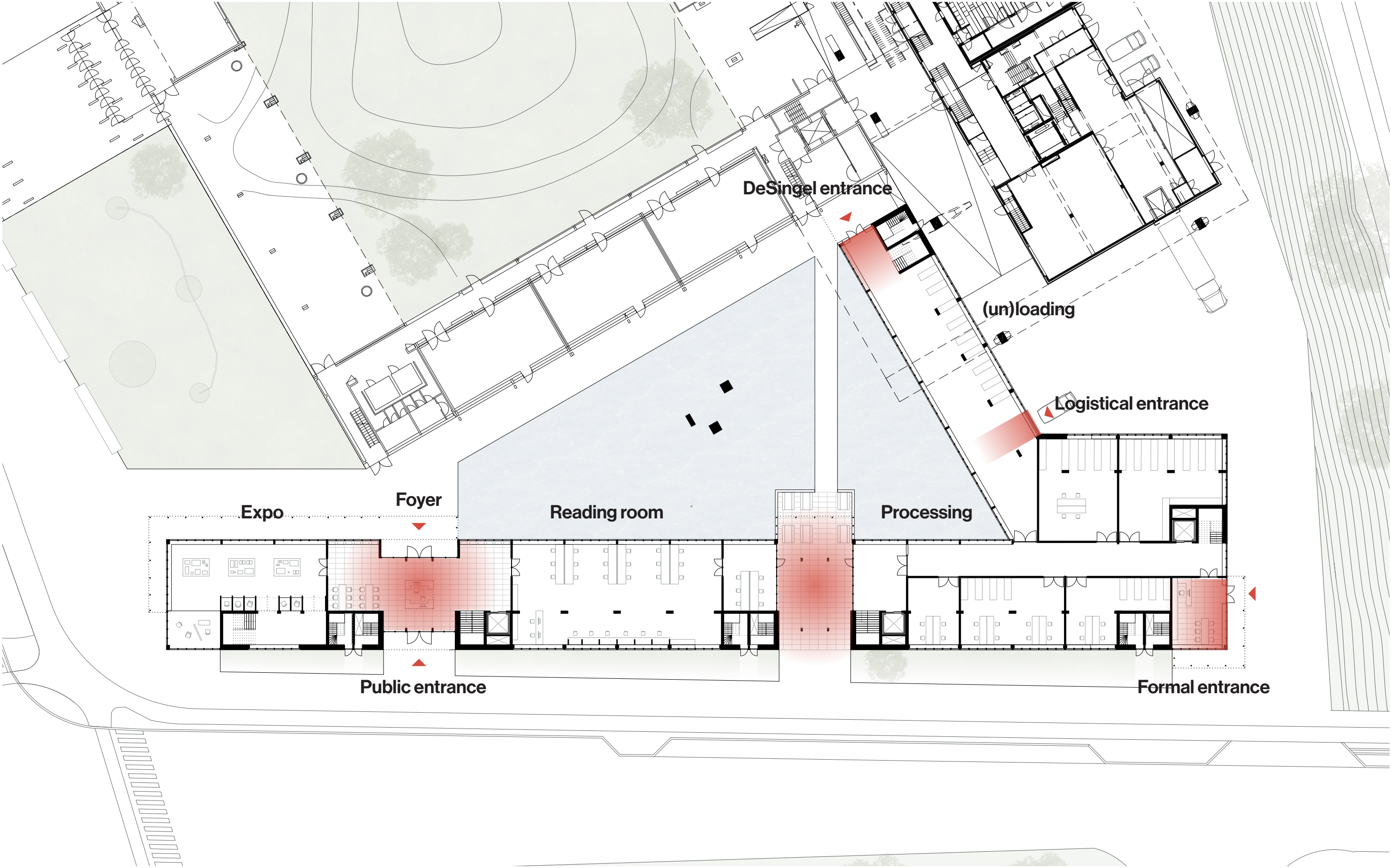
1:200 model





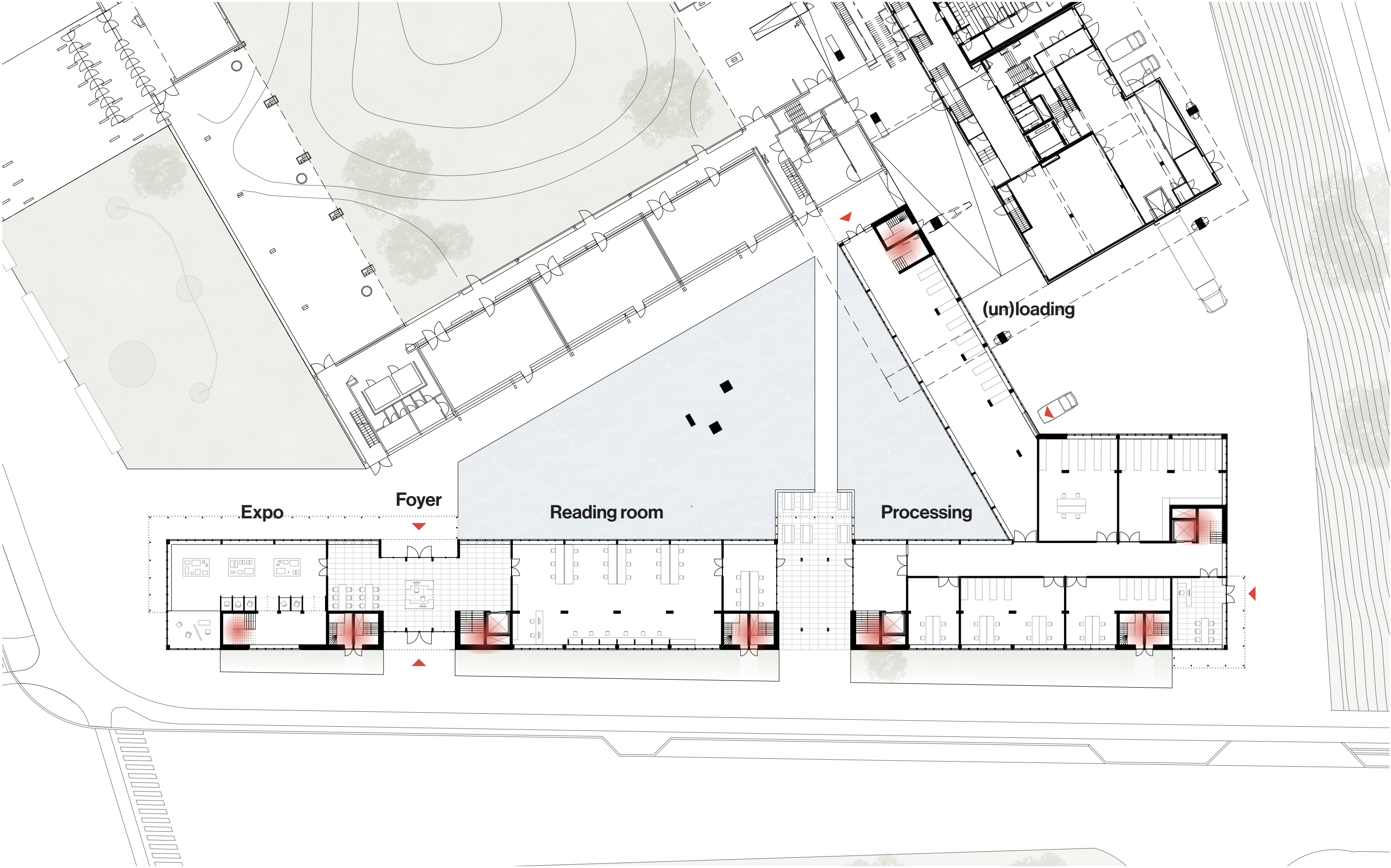
Ground floor: entrances

1:400



Ground floor: circulation

1:400



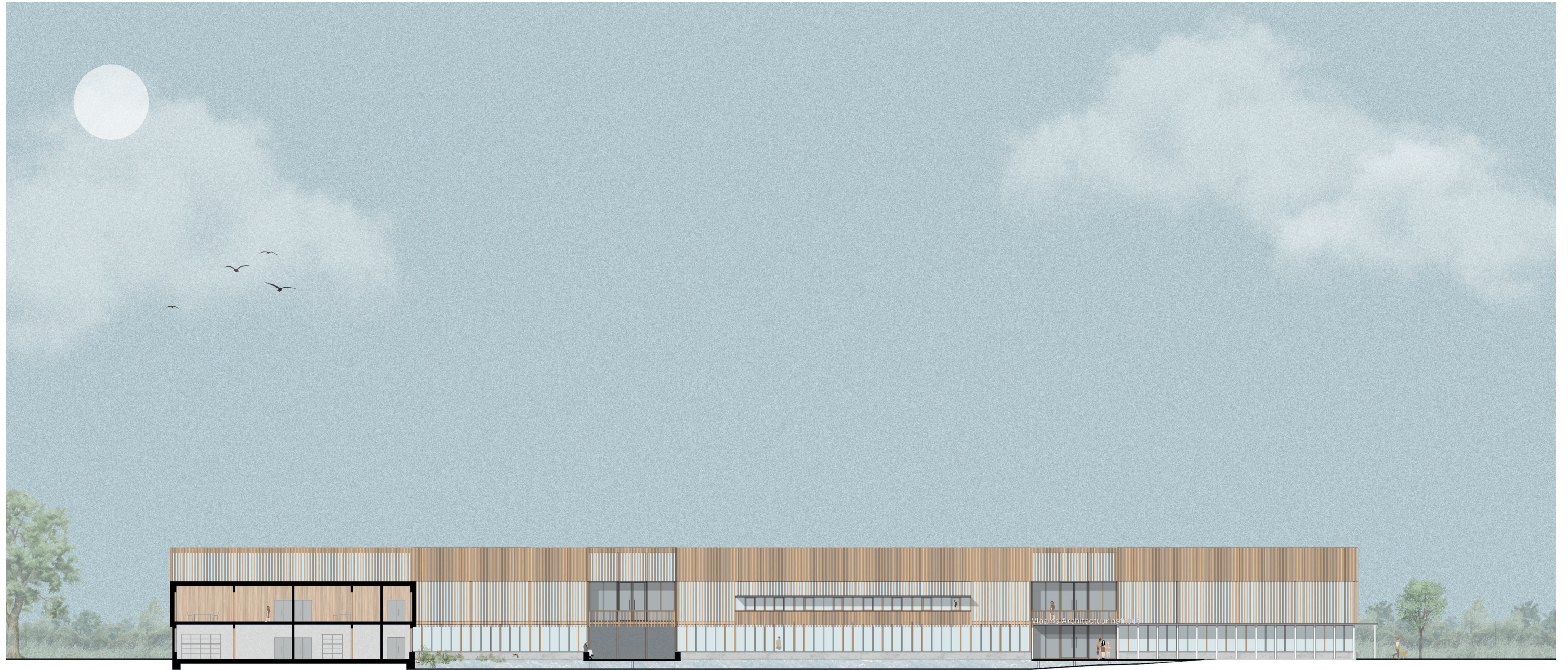
West elevation

1:400, view from road



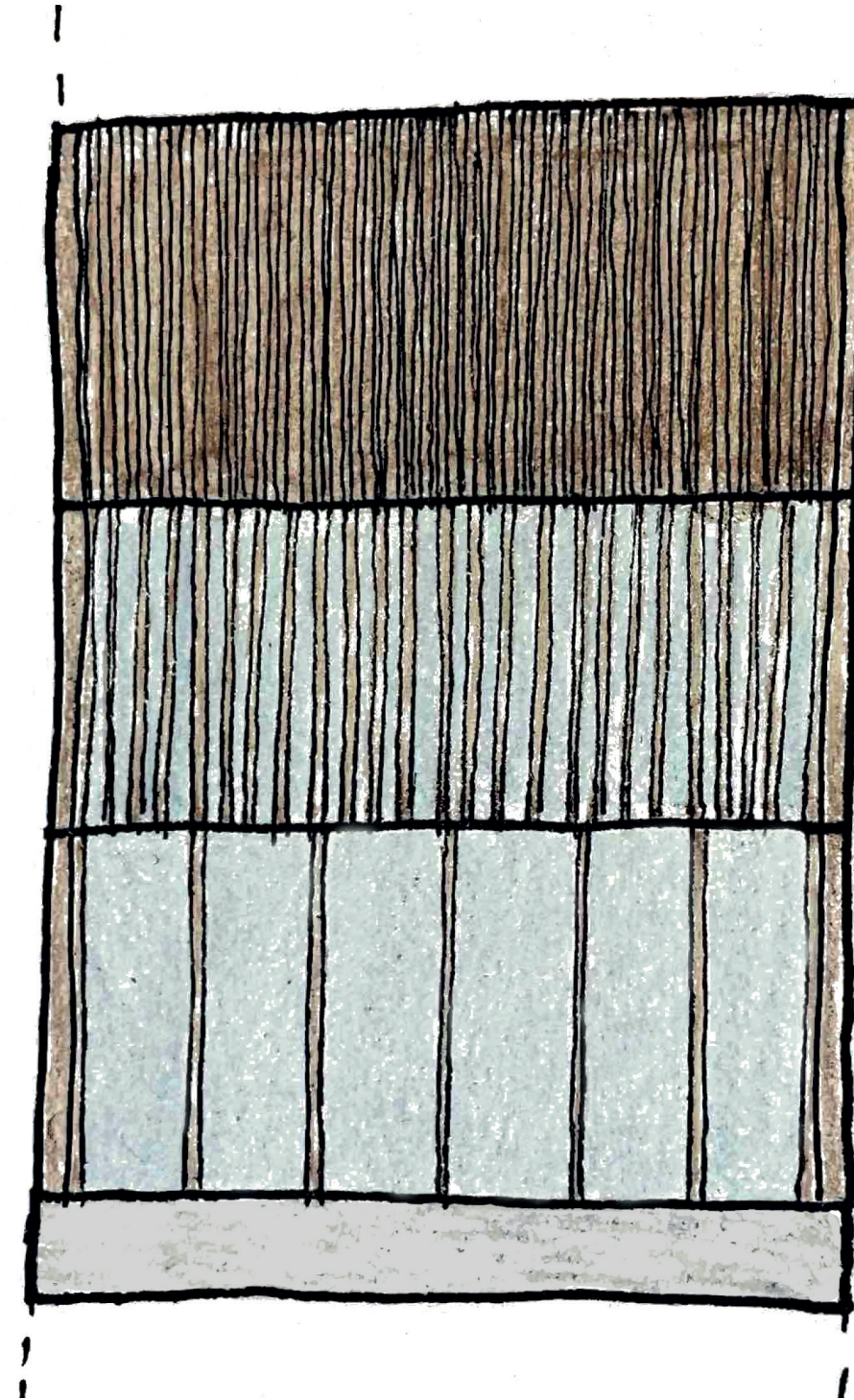
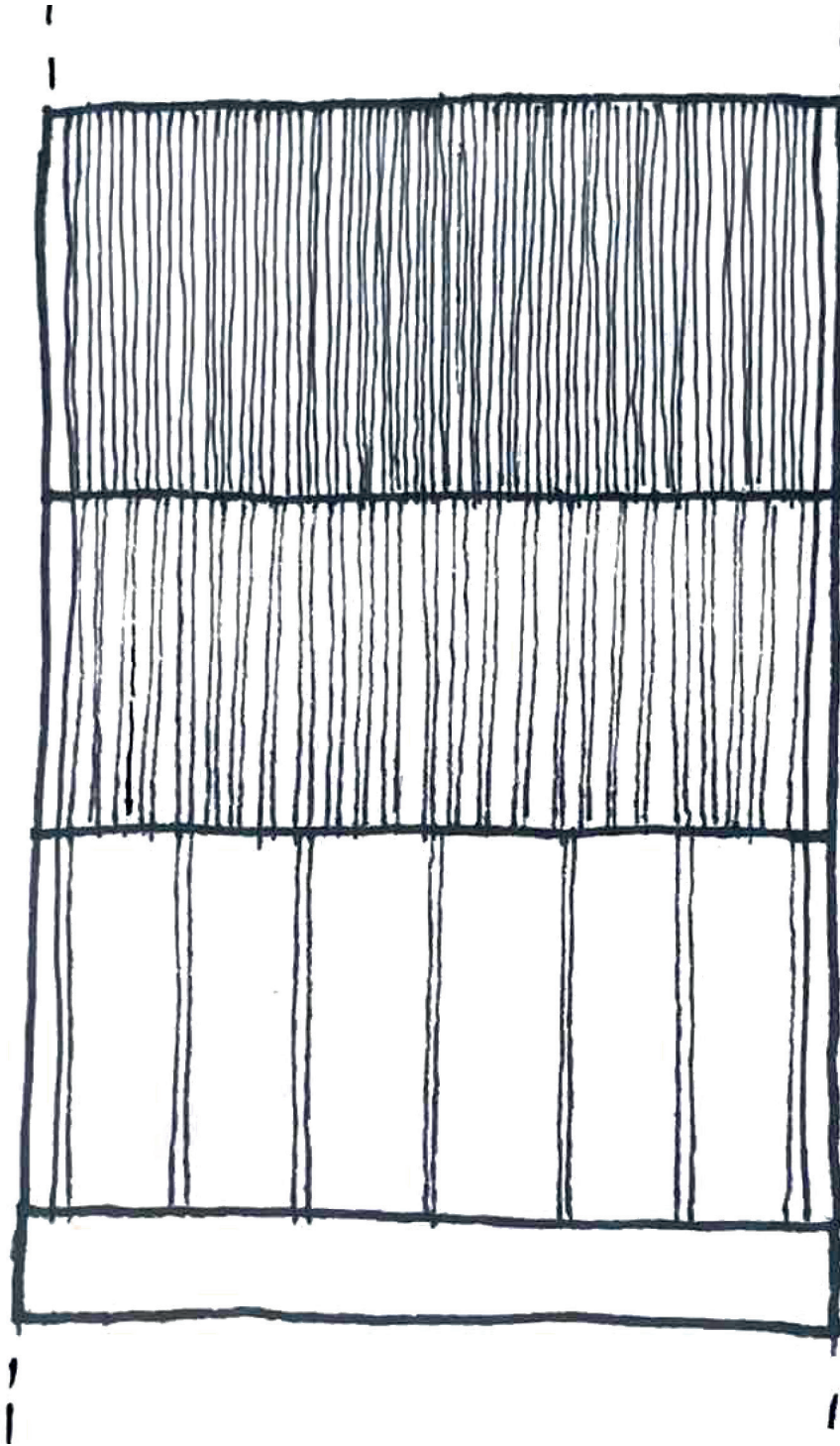
East elevation

1:400, section through pond



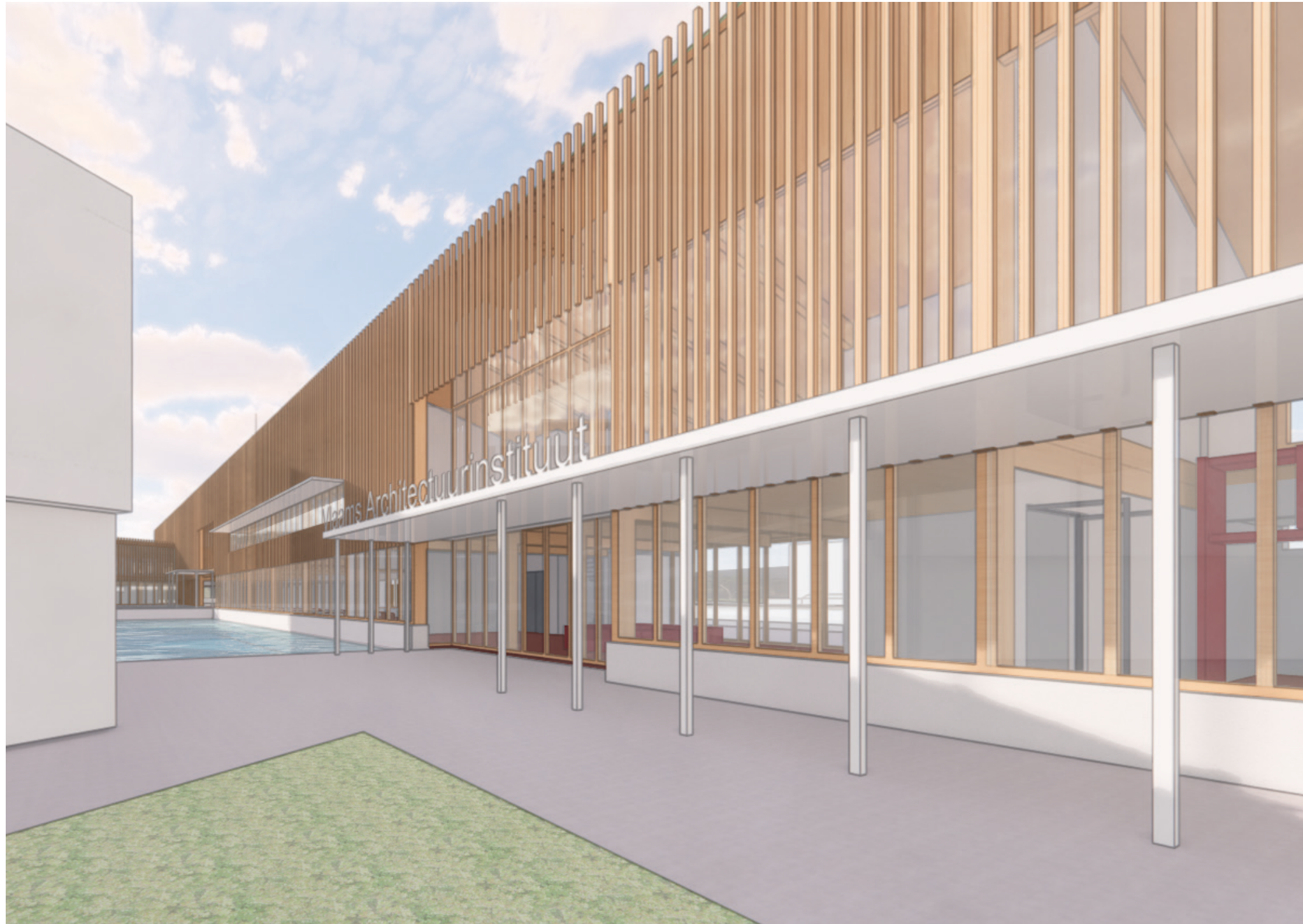
Concept sketch

Rhythm and structure



Impression entrance

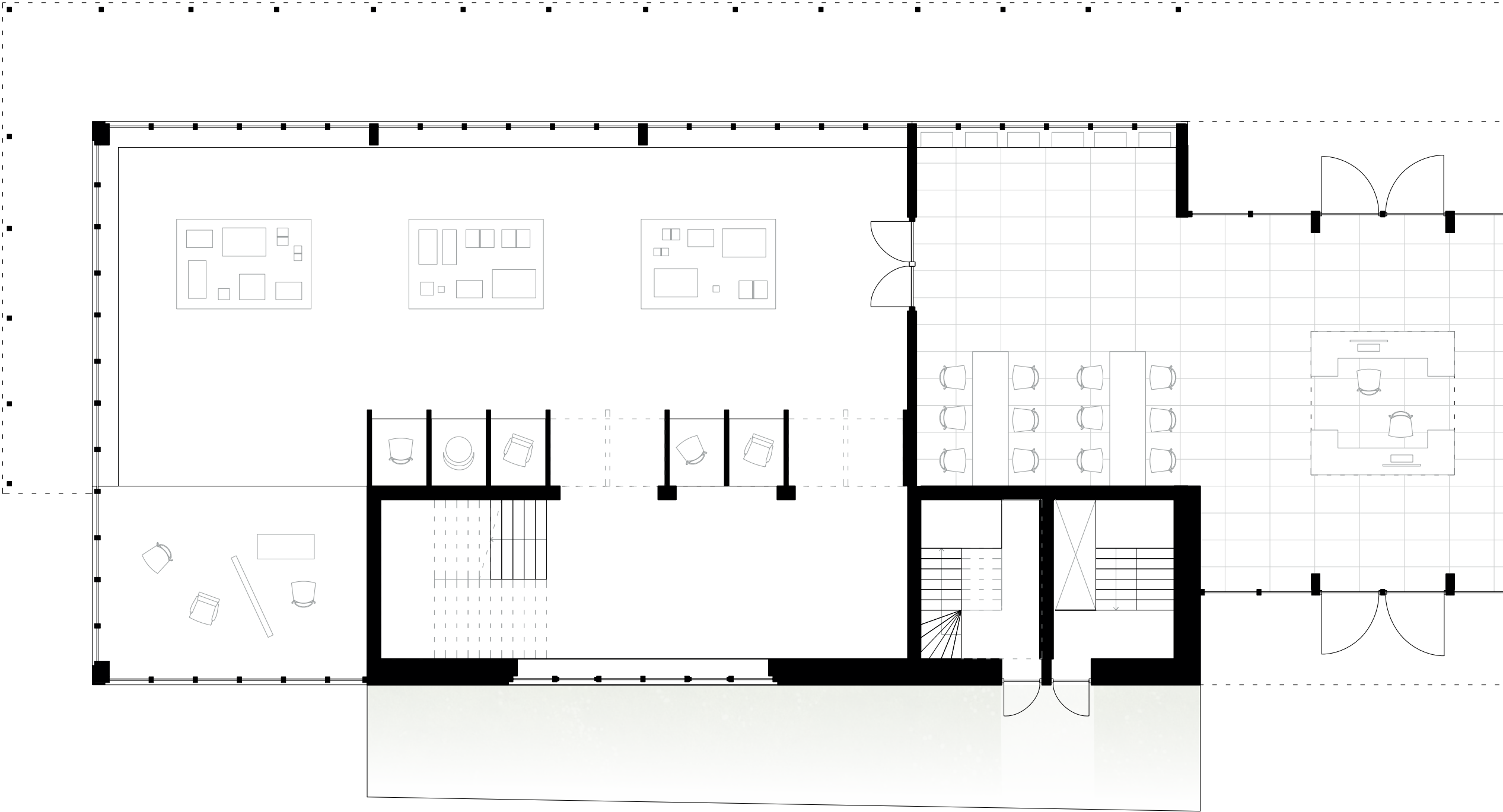
From pond side

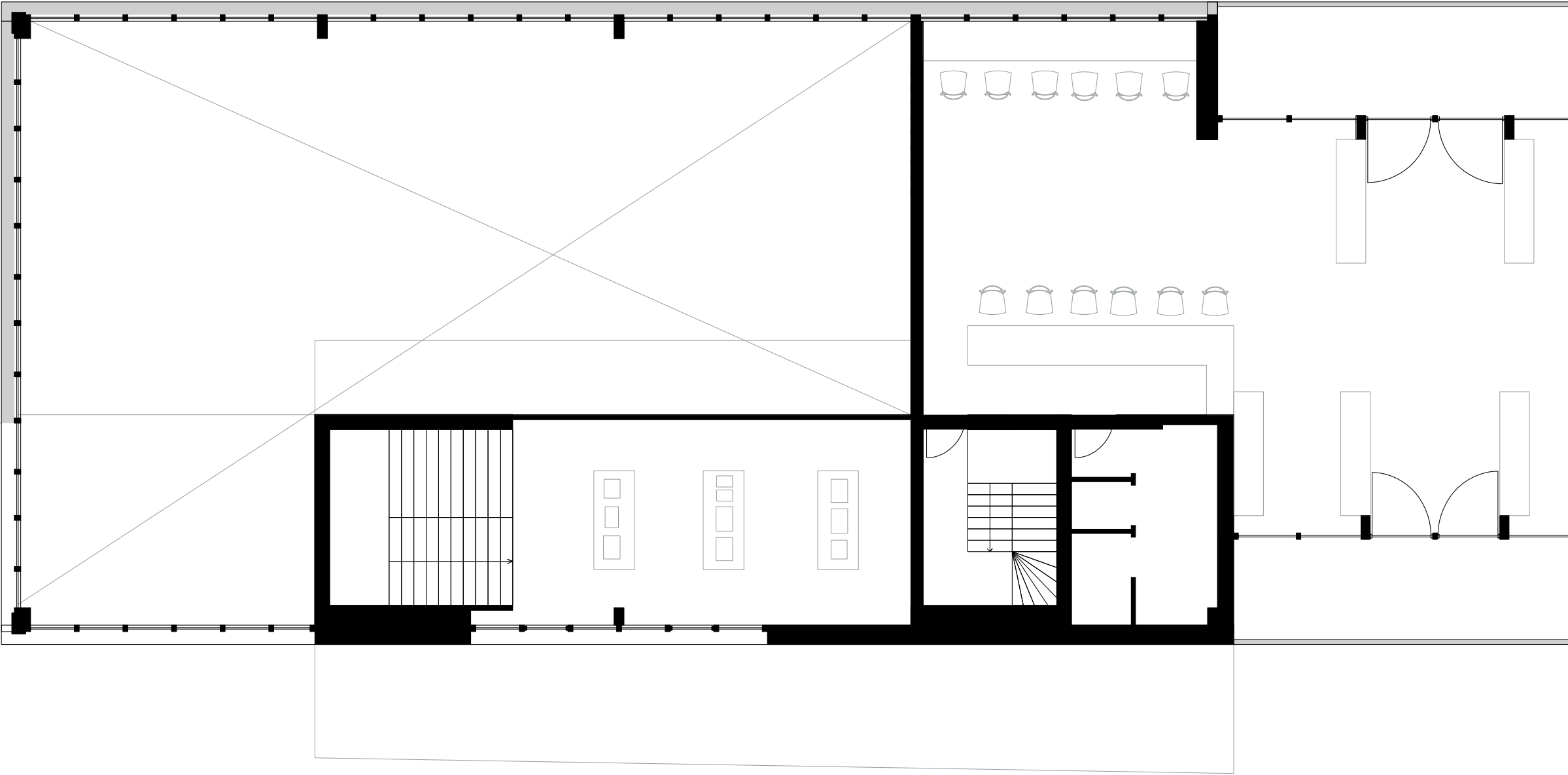


East elevation

1:100, public foyer entrance







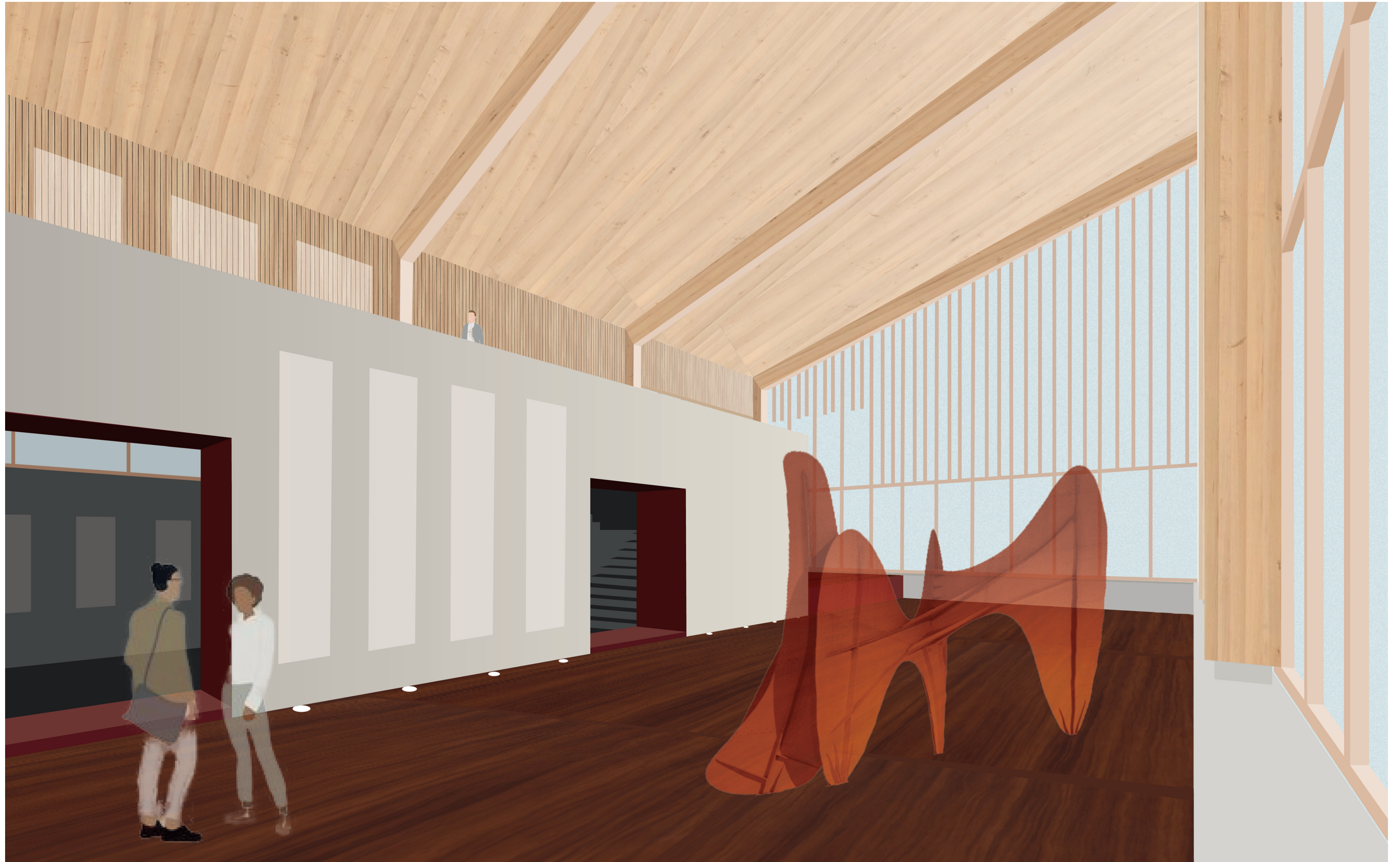
Impression exhibition space

Furniture wall



Impression exhibition space

Alternative lay-out



Impression urban corner

1:200 model



Dilek's P1 presentation

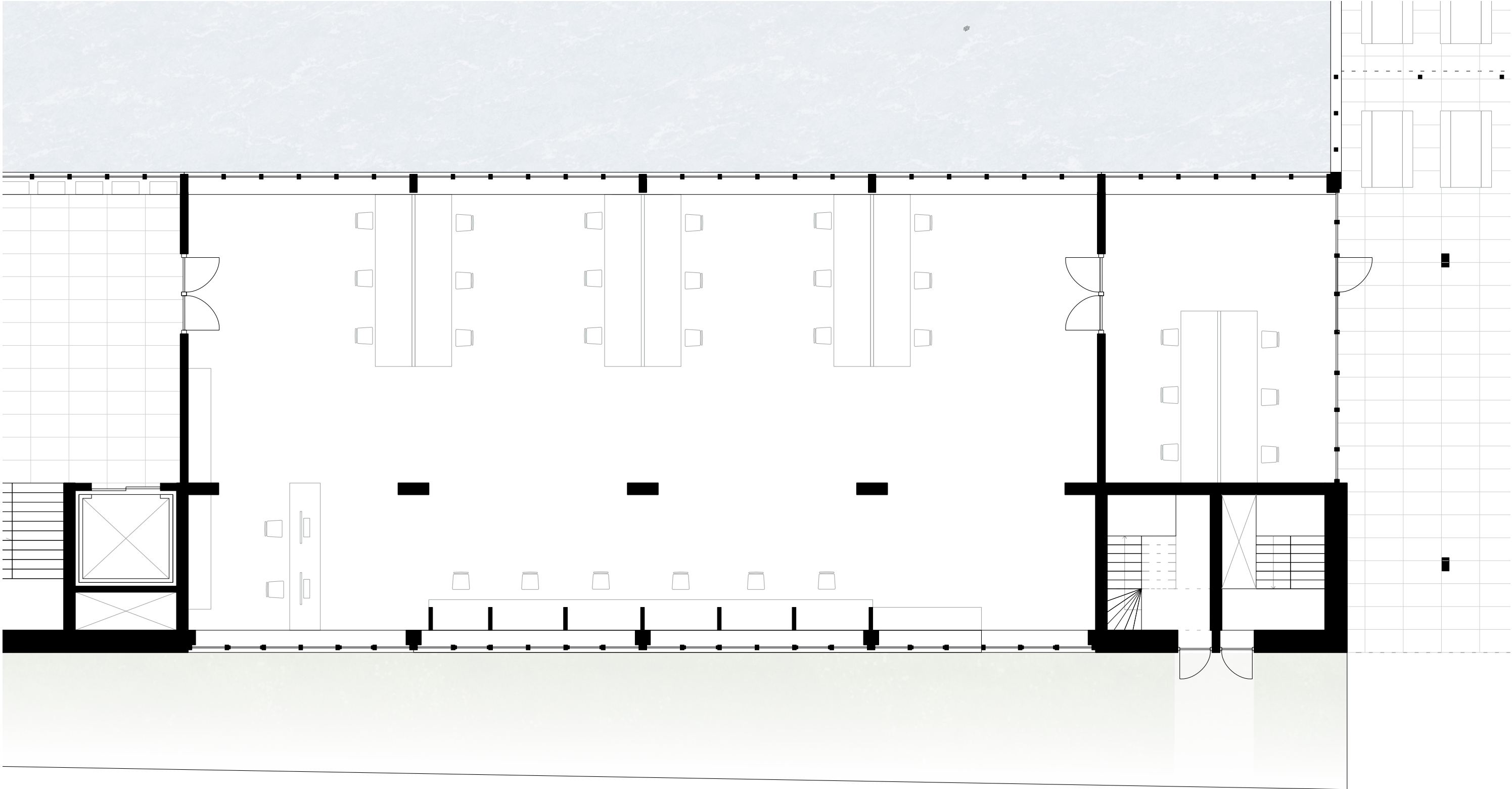
An urban corner

Dilek Zaid



Ground floor: reading room

1:100, view over landscapes



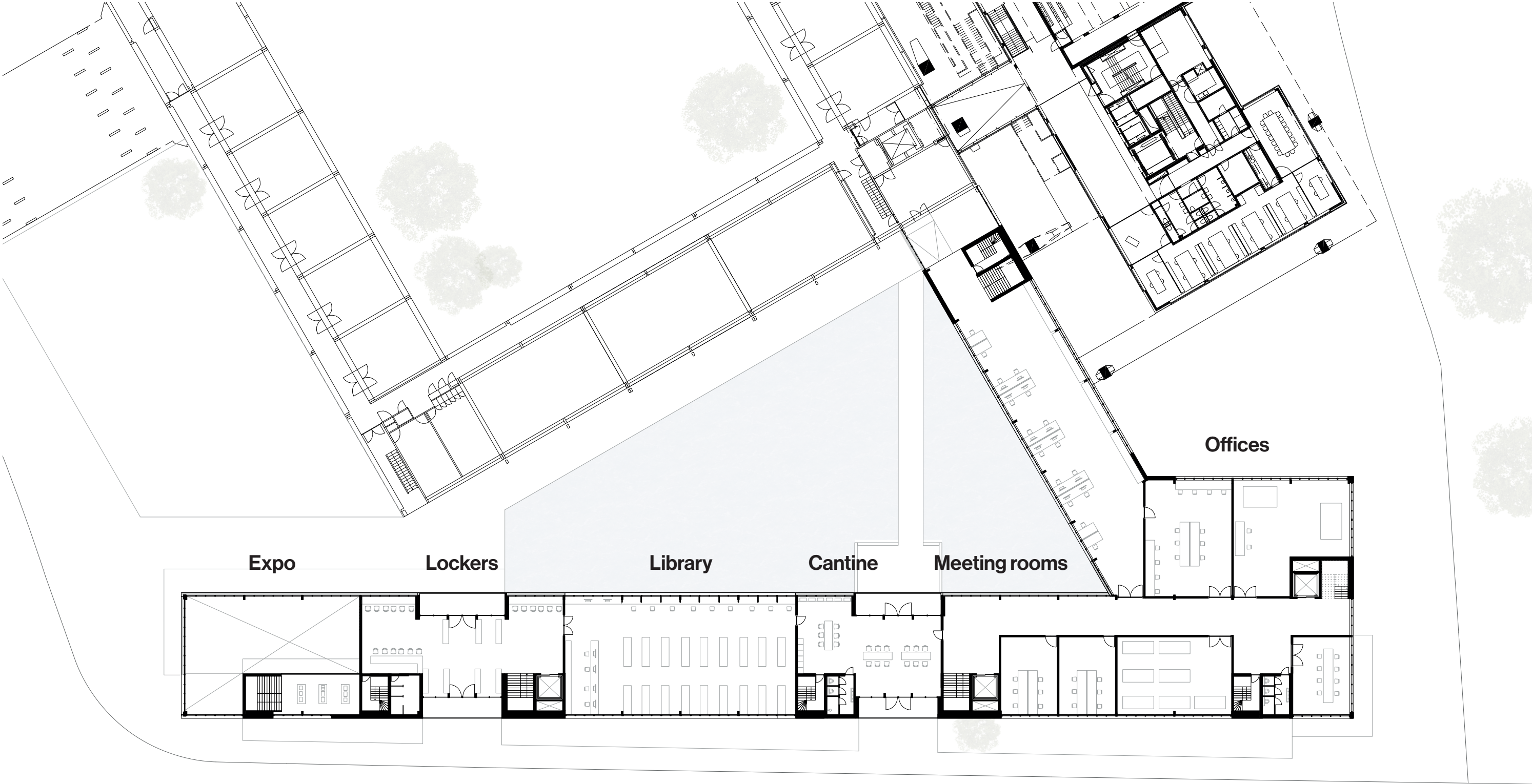
Impression reading room

Ground floor



First floor

1:400



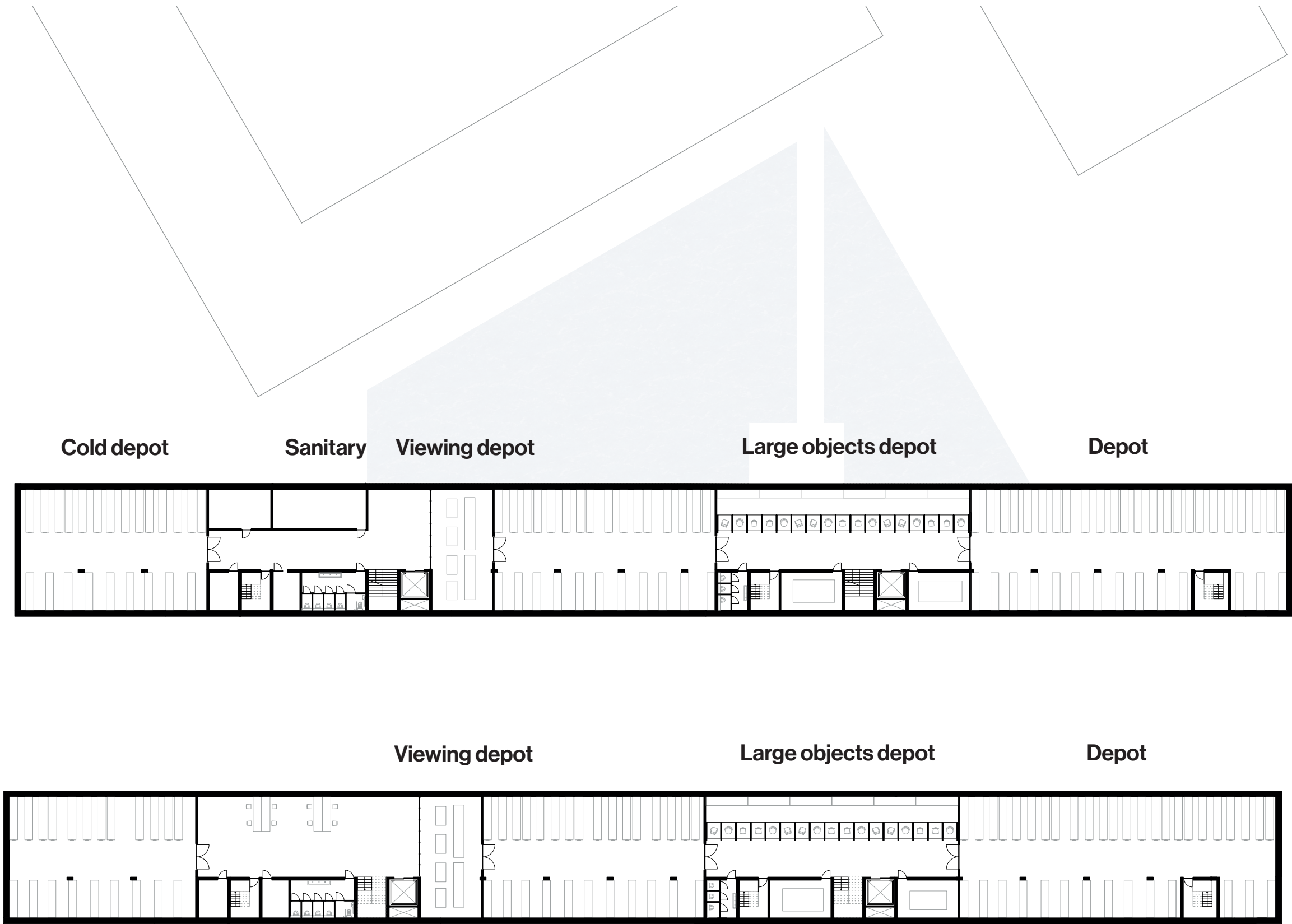
Impression offices

First floor



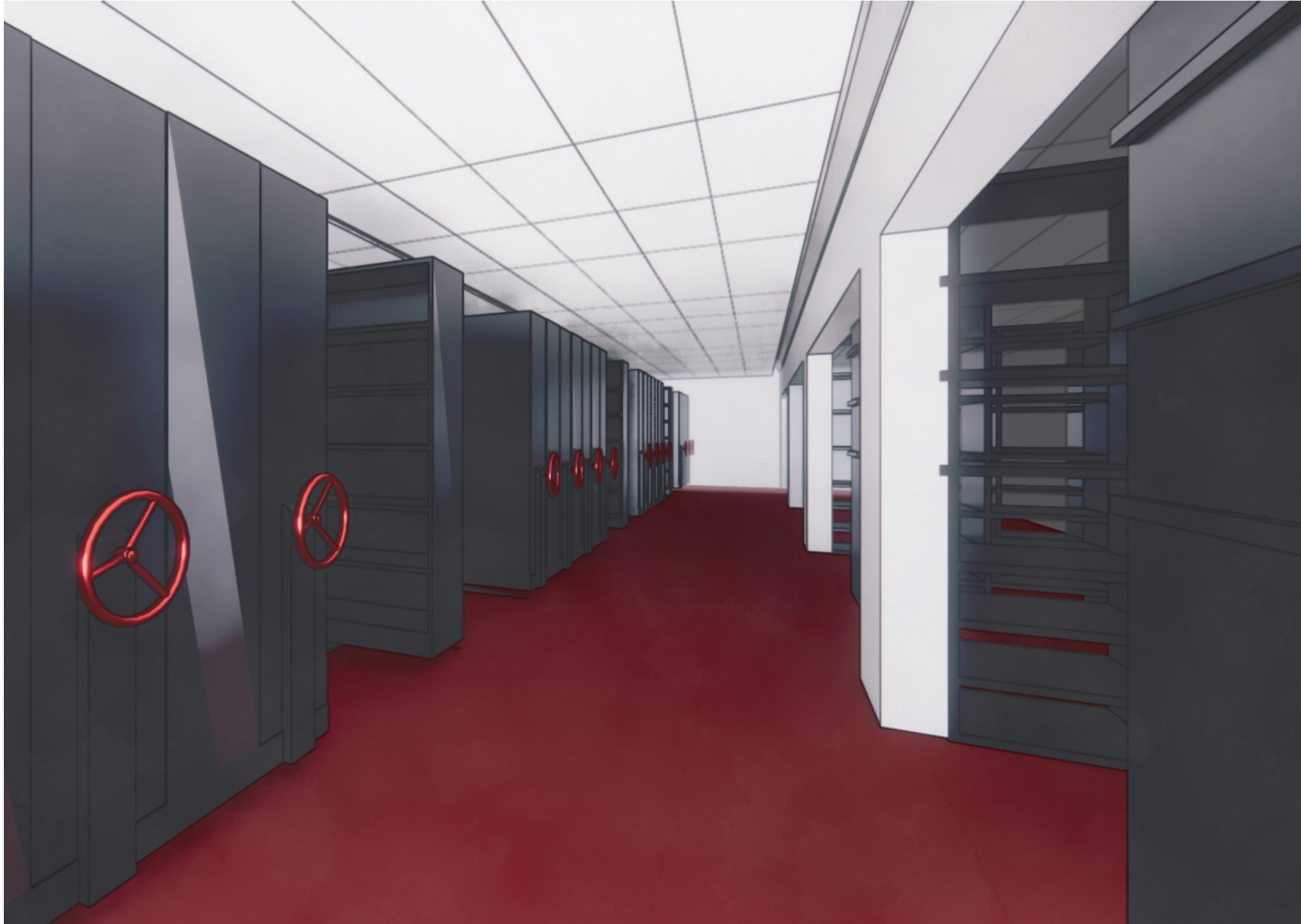
Basement floors

1:400



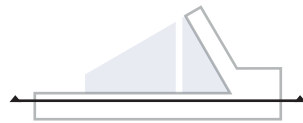
Impression depot

Basement floor -1

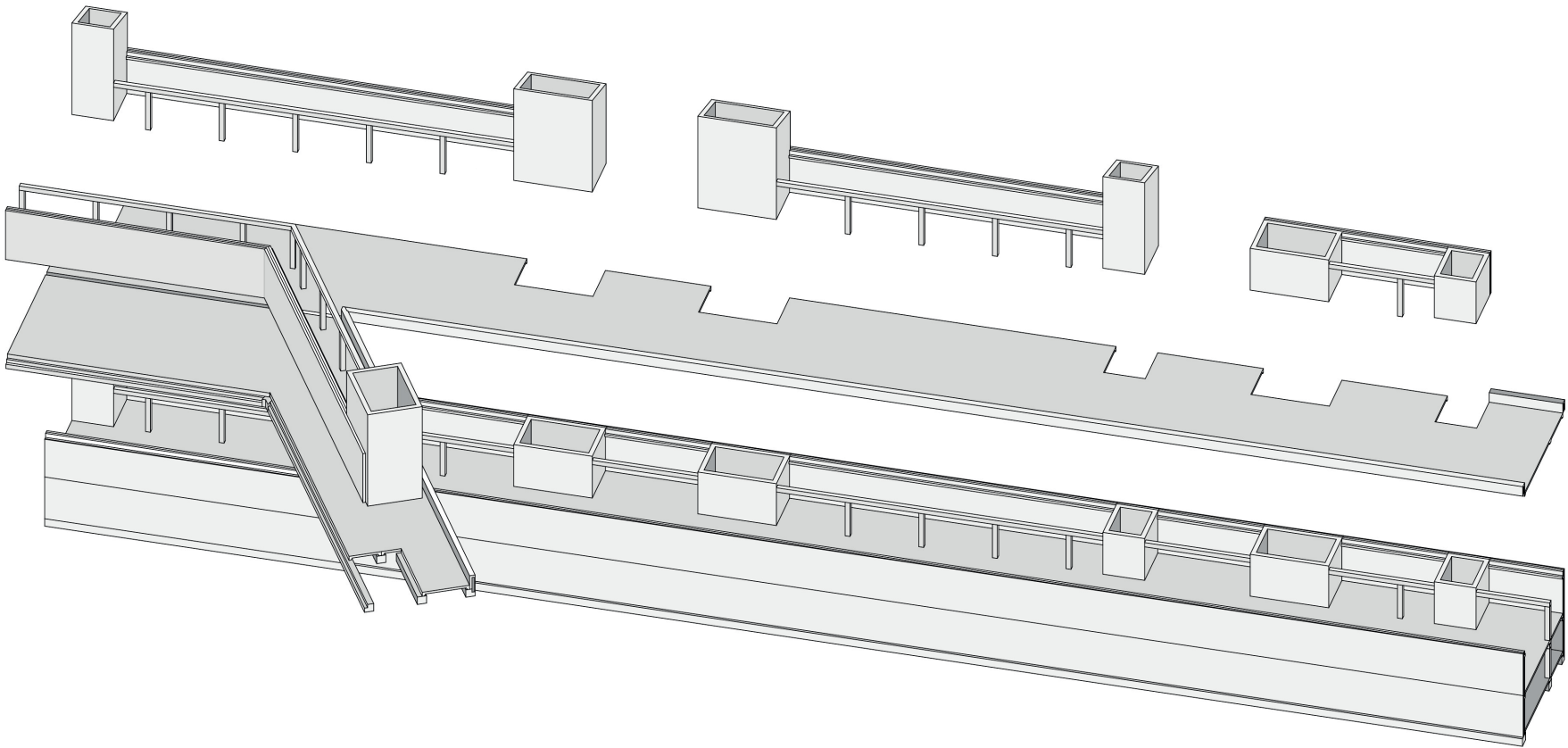


Long section

1:400

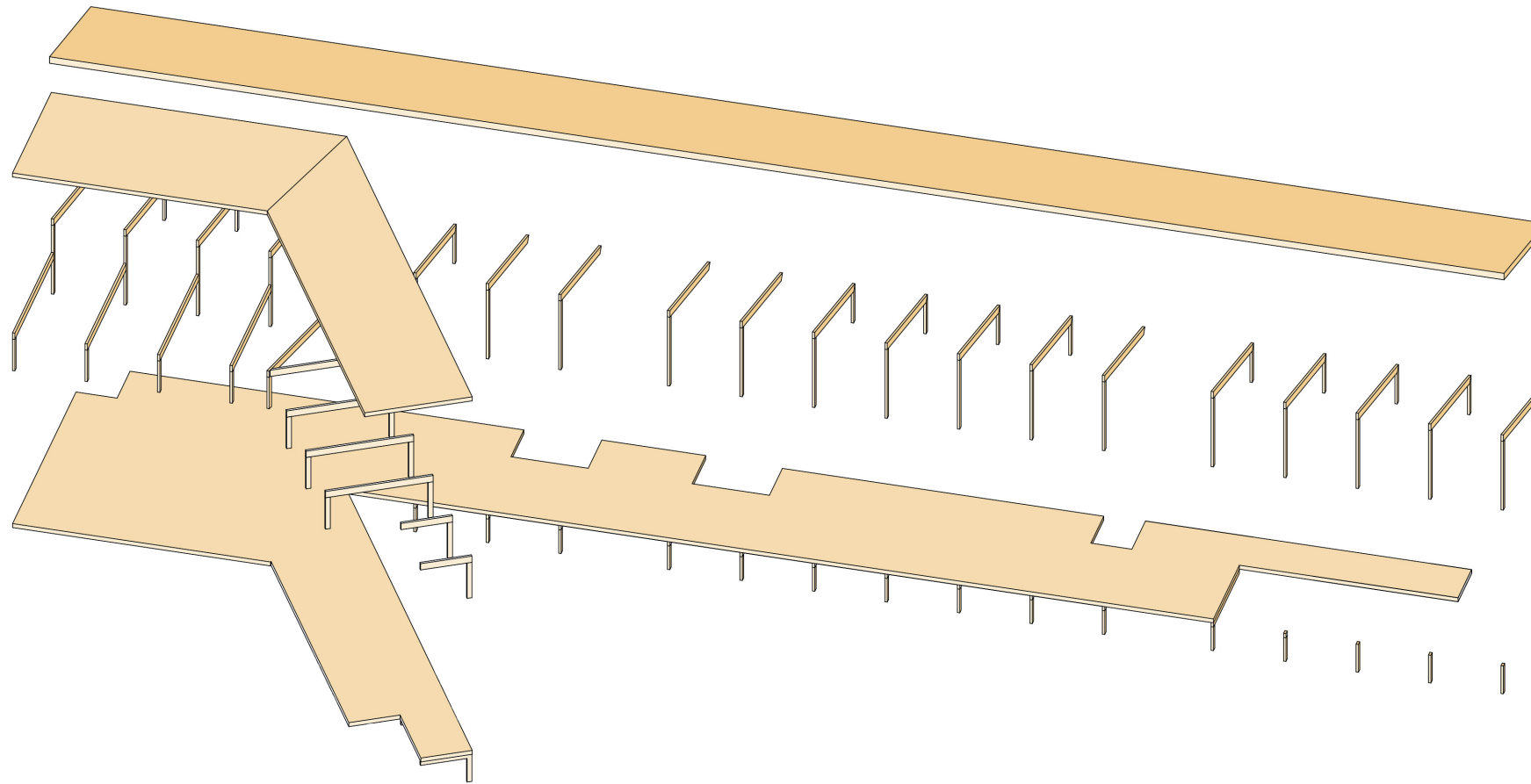


Construction: concrete
Basement floors, cores and shafts



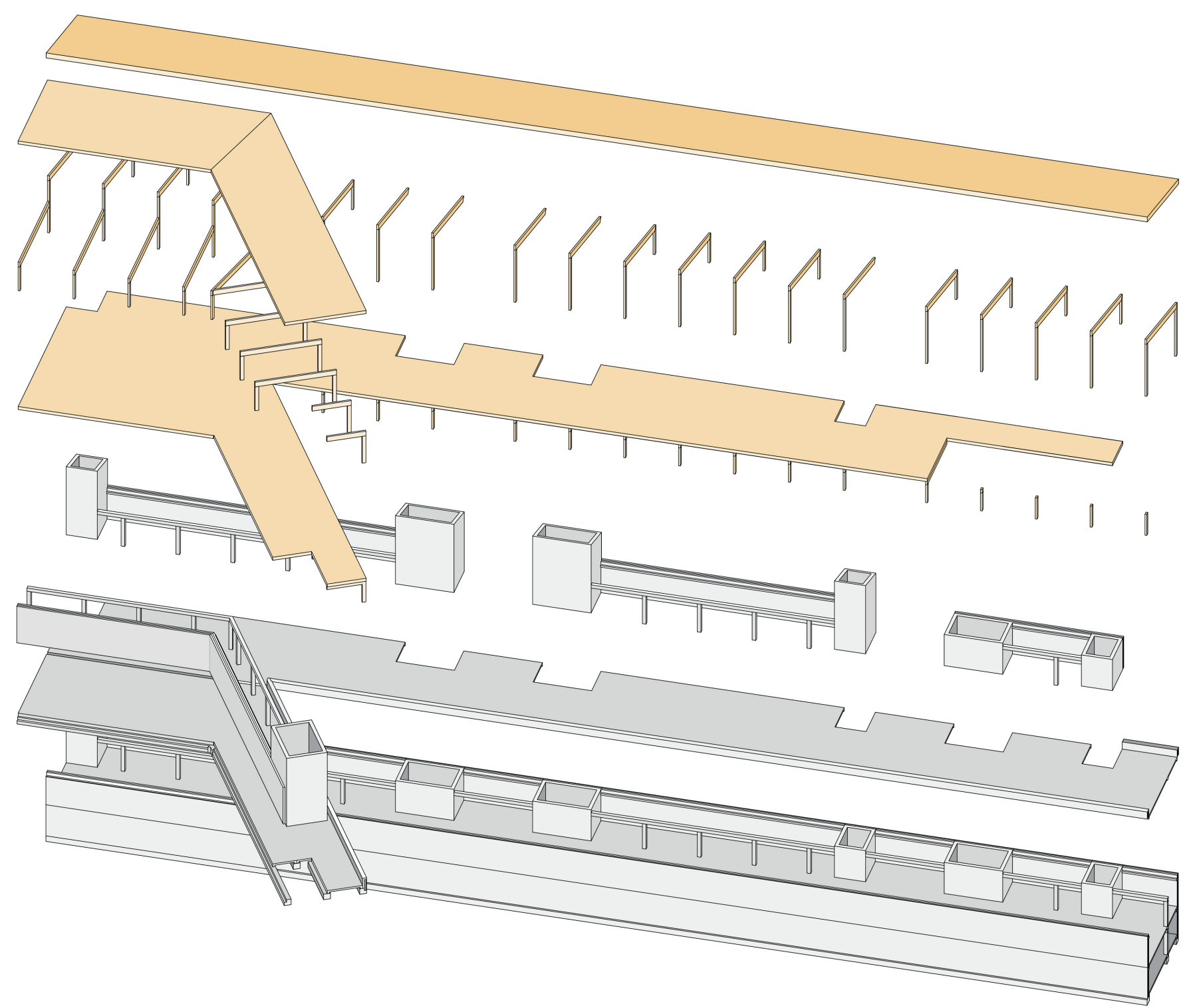
Construction: wood

Above ground floors, roof



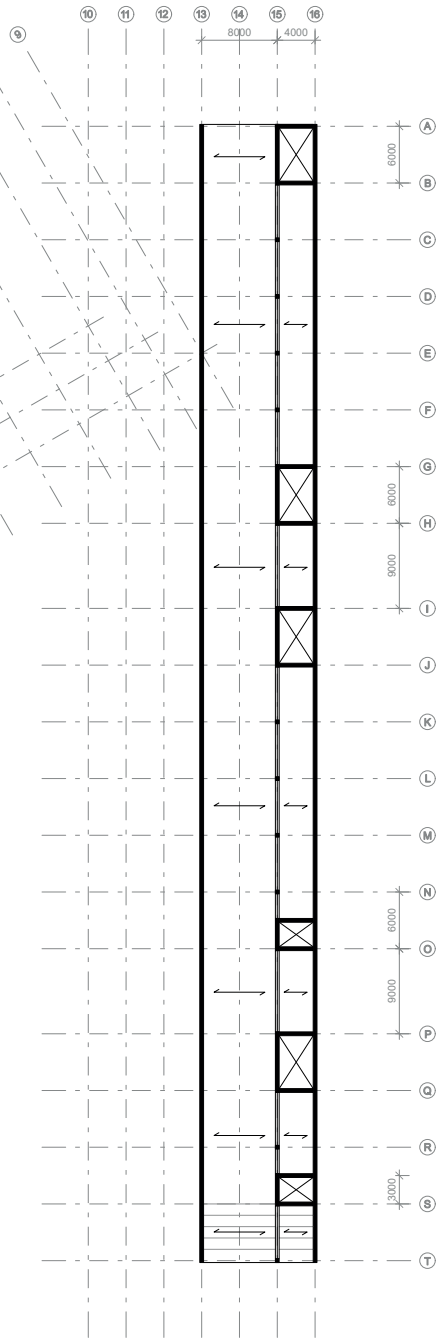
Construction: hybrid

Concrete and wood

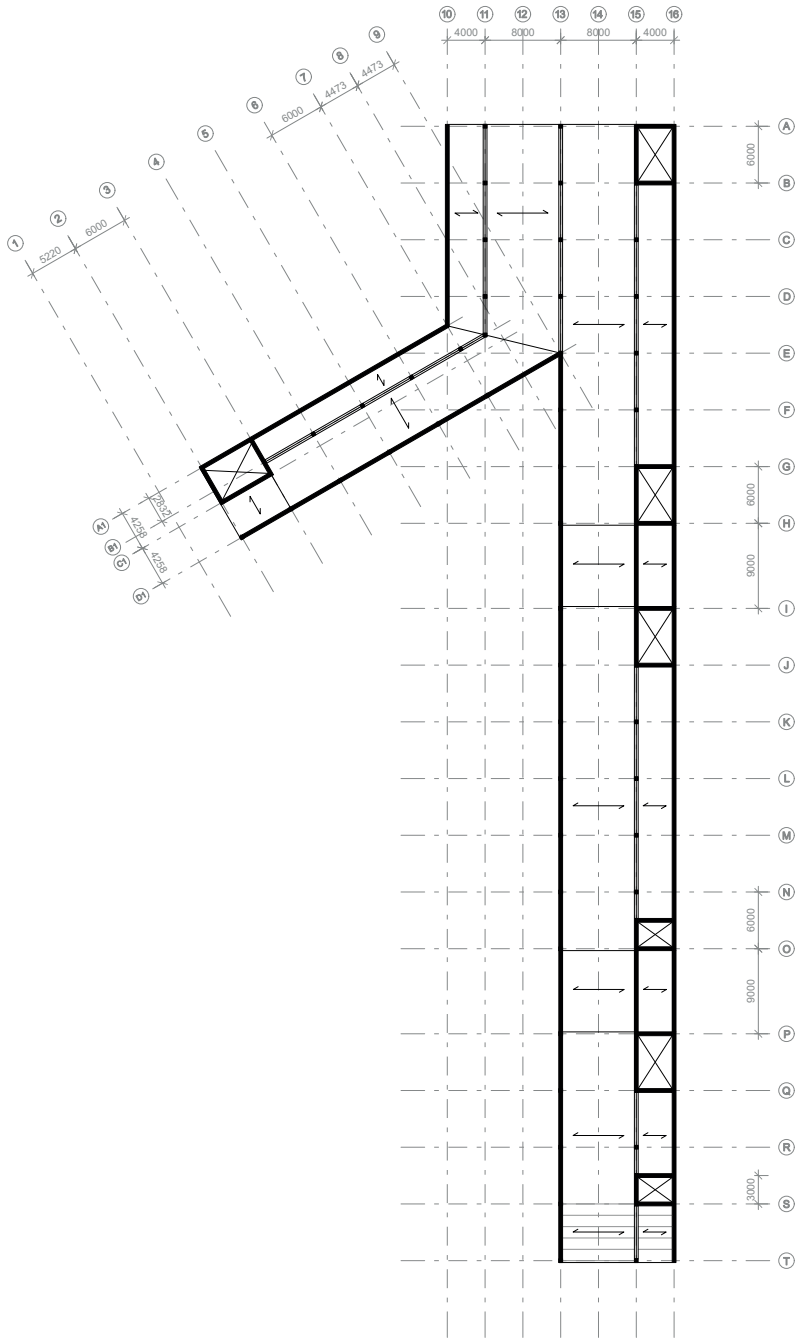




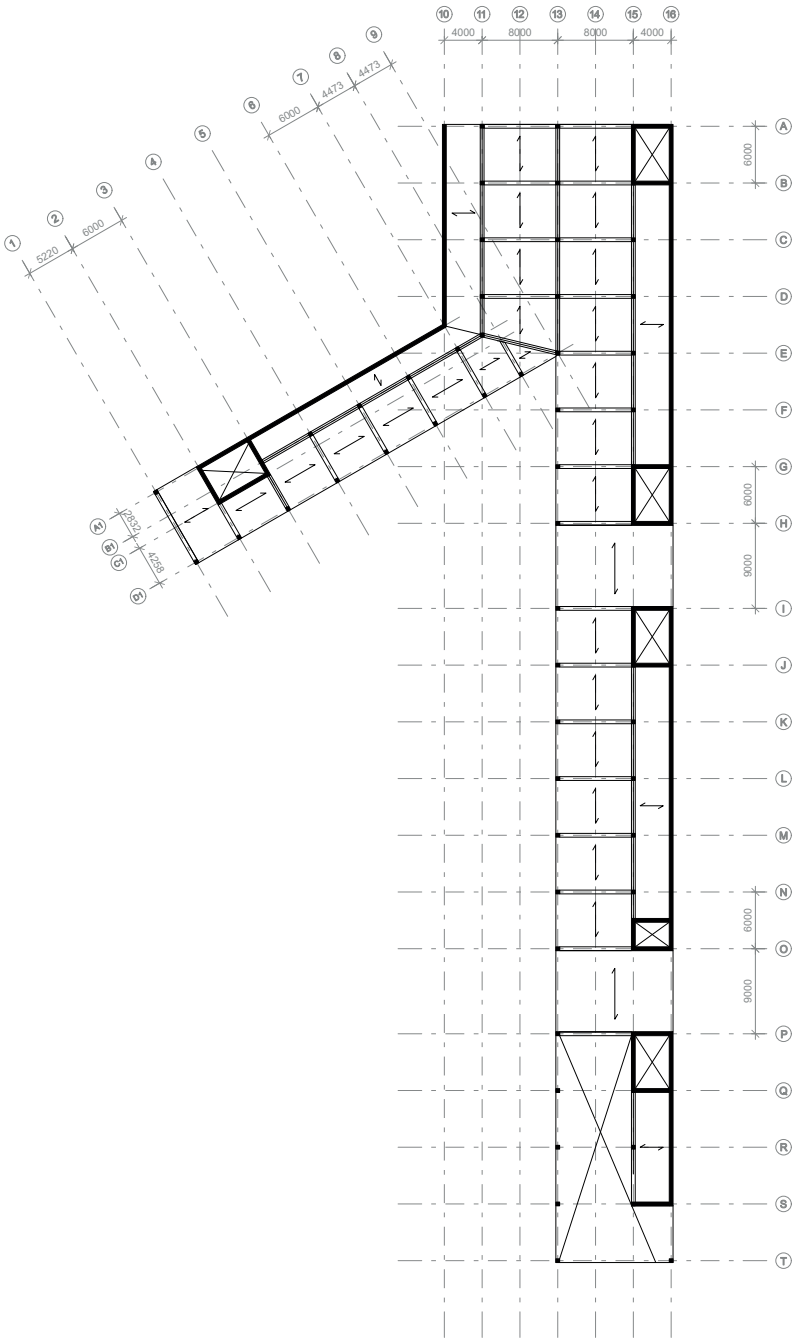
Basement



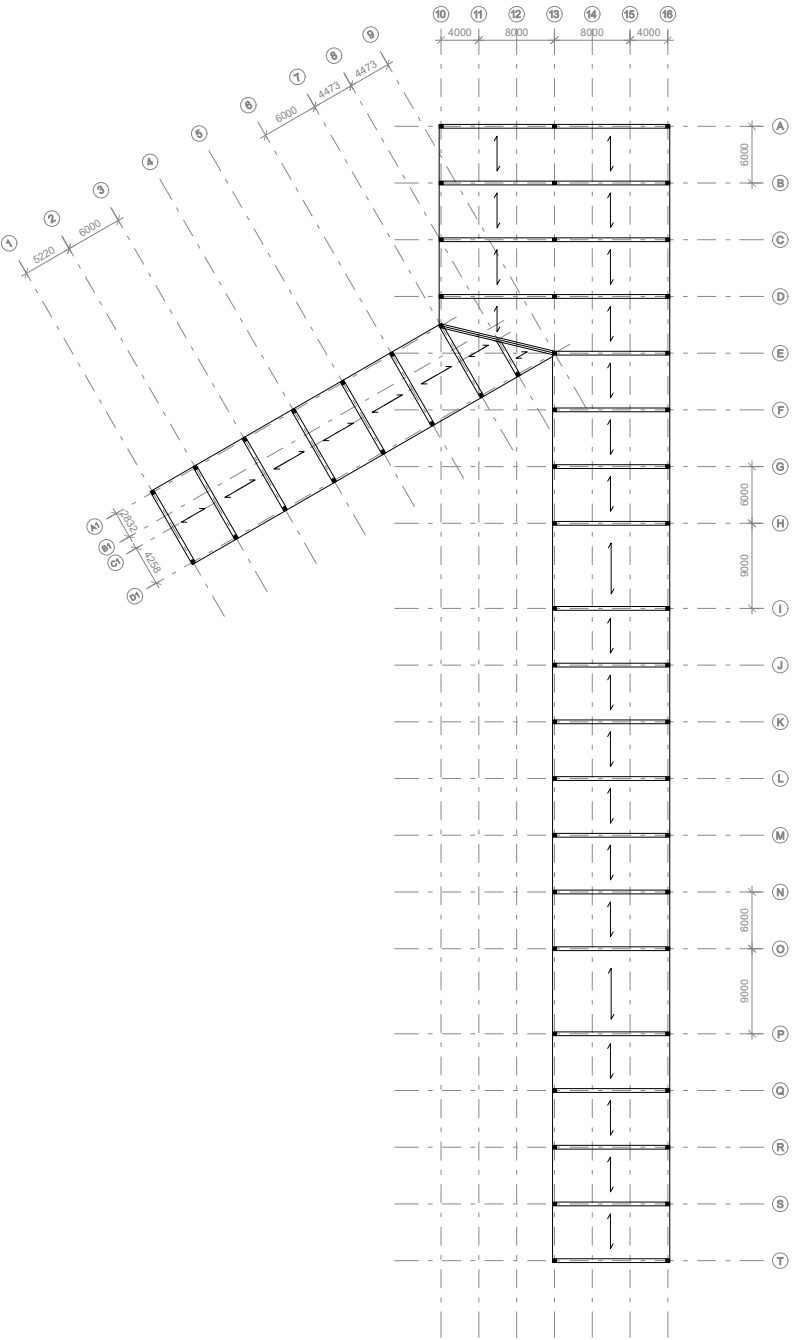
Ground floor



First floor

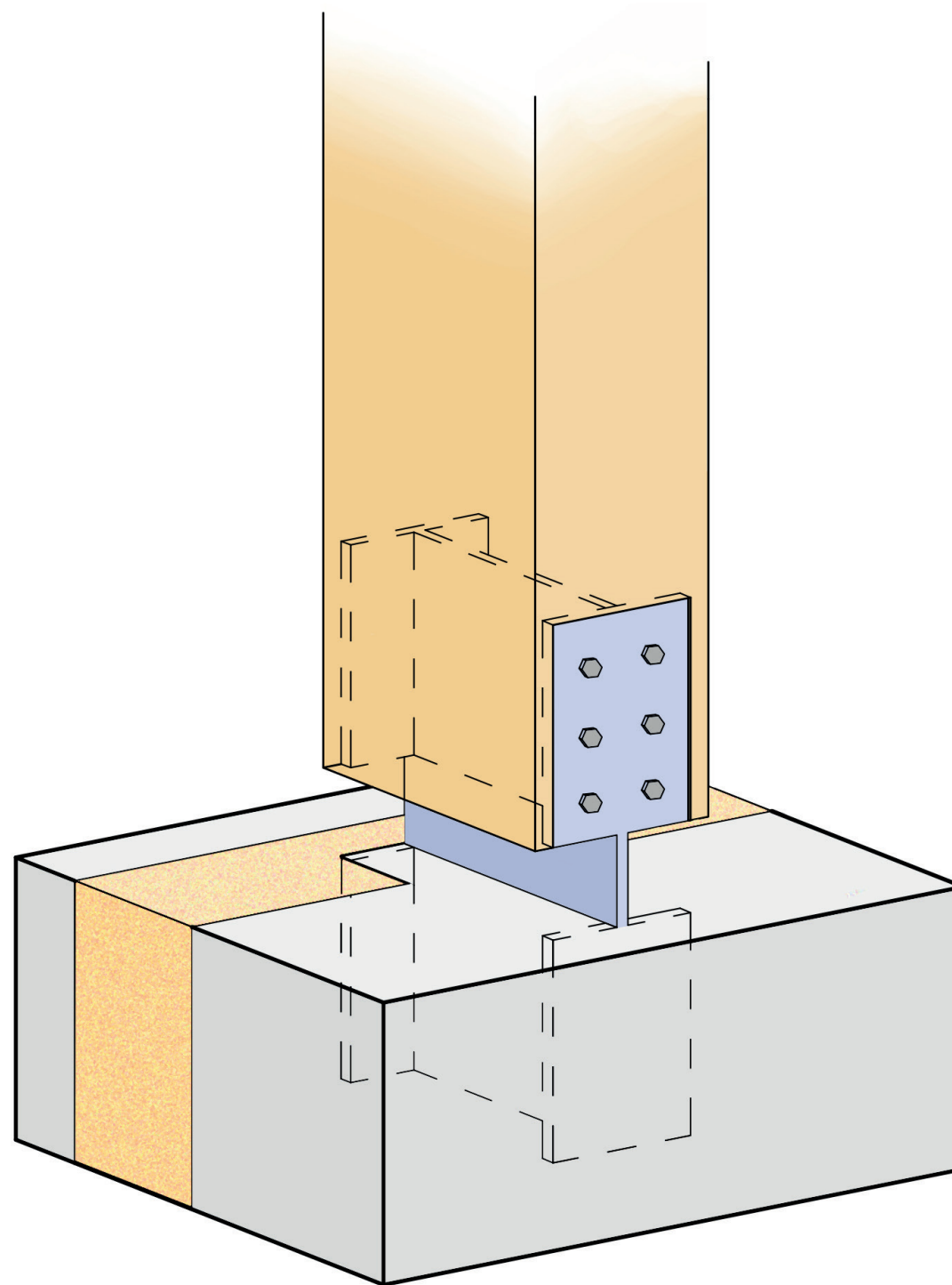


Roof



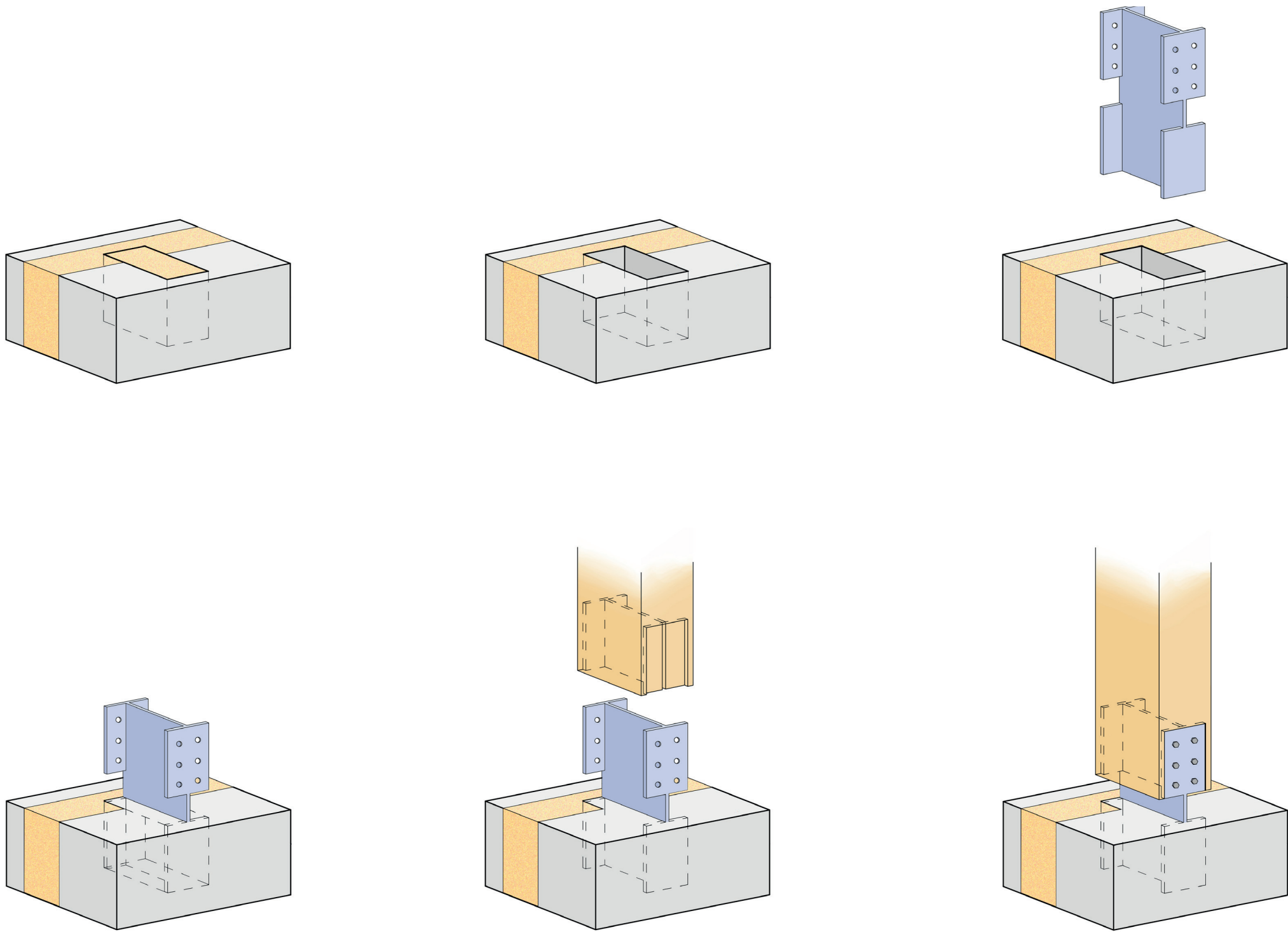
Construction detail

Pre-fab concrete and glulam portal



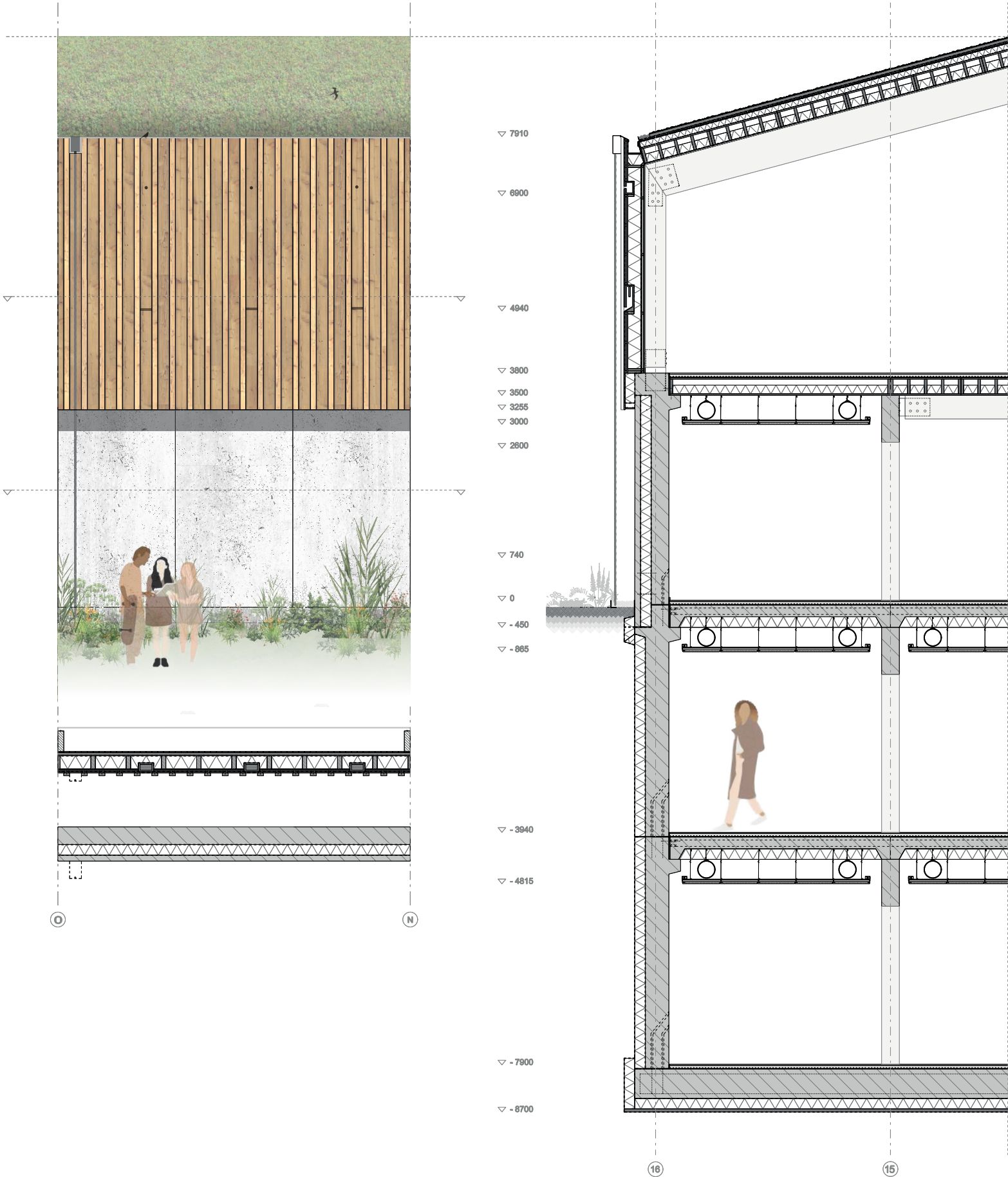
Construction detail: building order

Pre-fab concrete and glulam portal



Facade fragment: closed

1:20, re-scaled



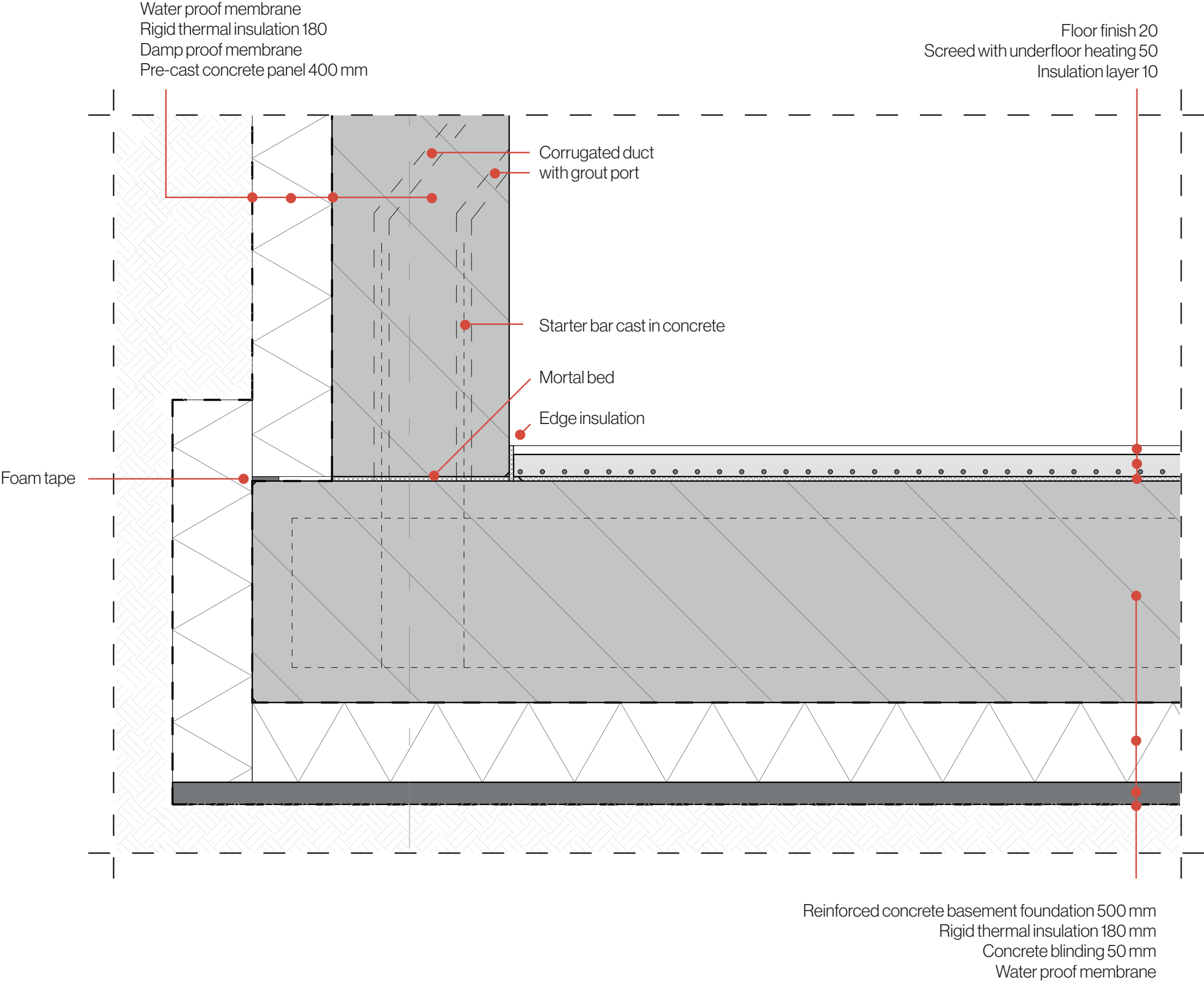
Facade fragment: open

1:20, re-scaled



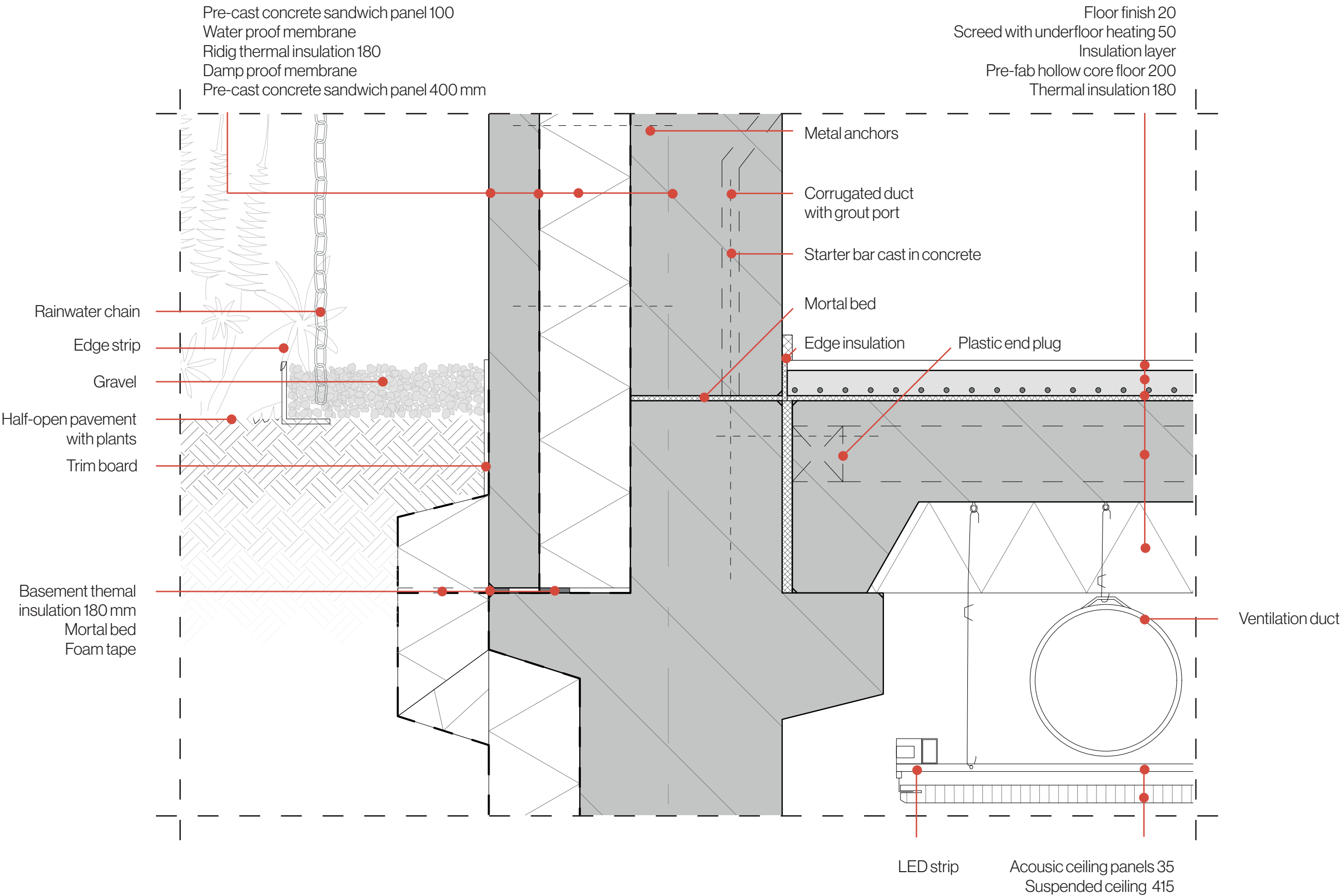
Construction detail: foundation

1:5



Construction detail: ground level

1:5



Reference lighting

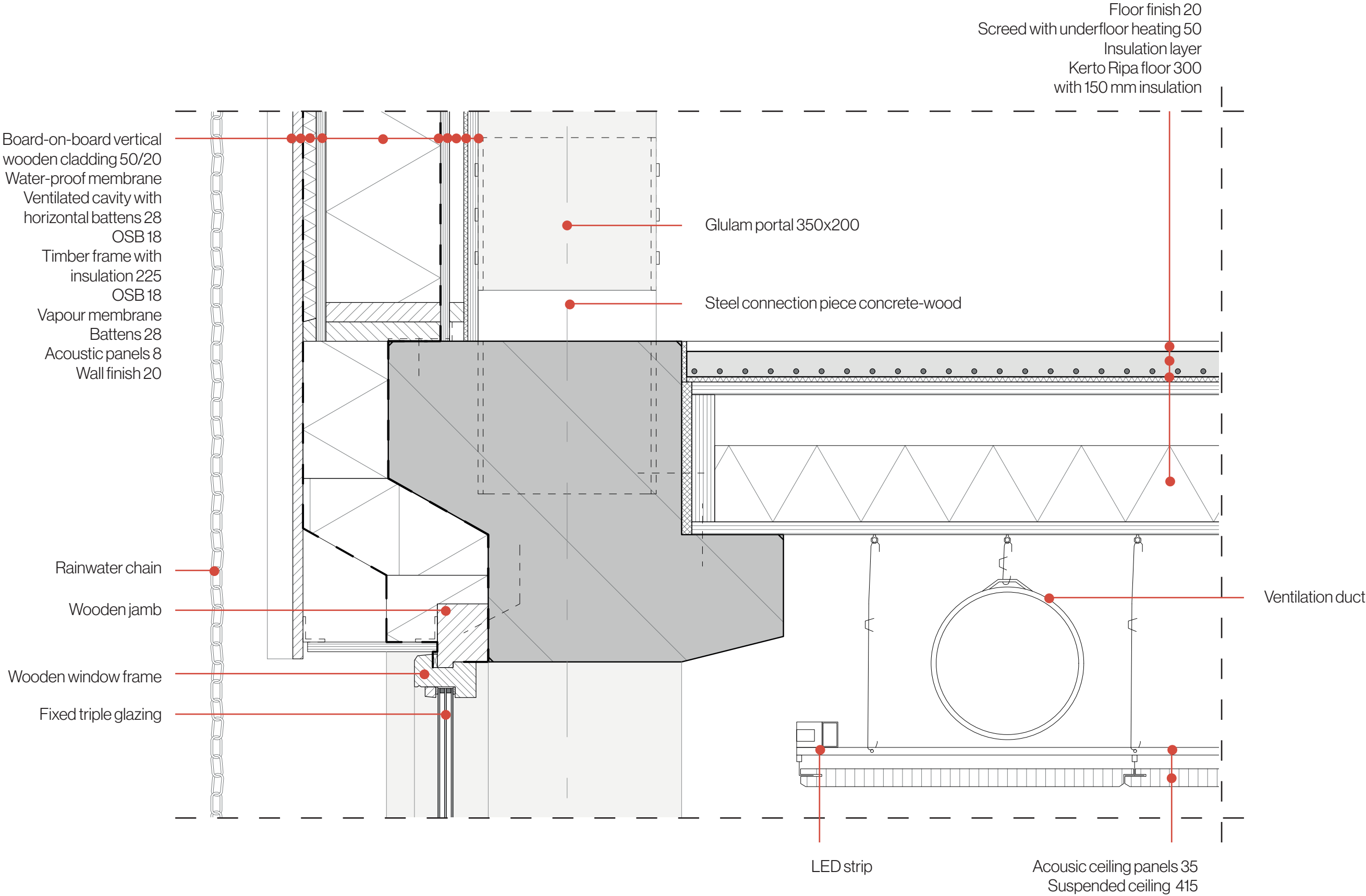
LED above suspended ceiling

KOSOOM



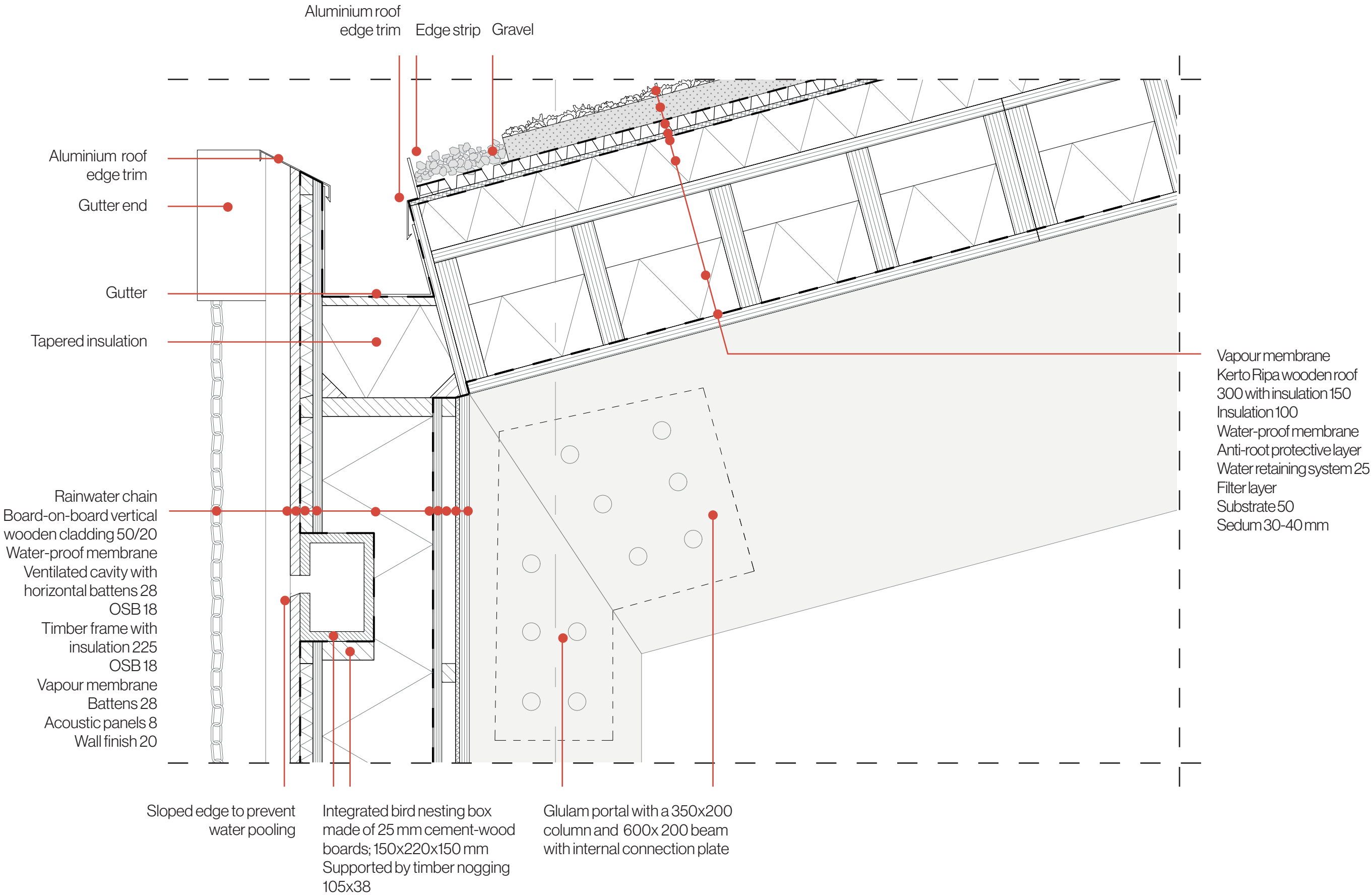
Construction detail: first floor

1:5



Construction detail: roof

1:5



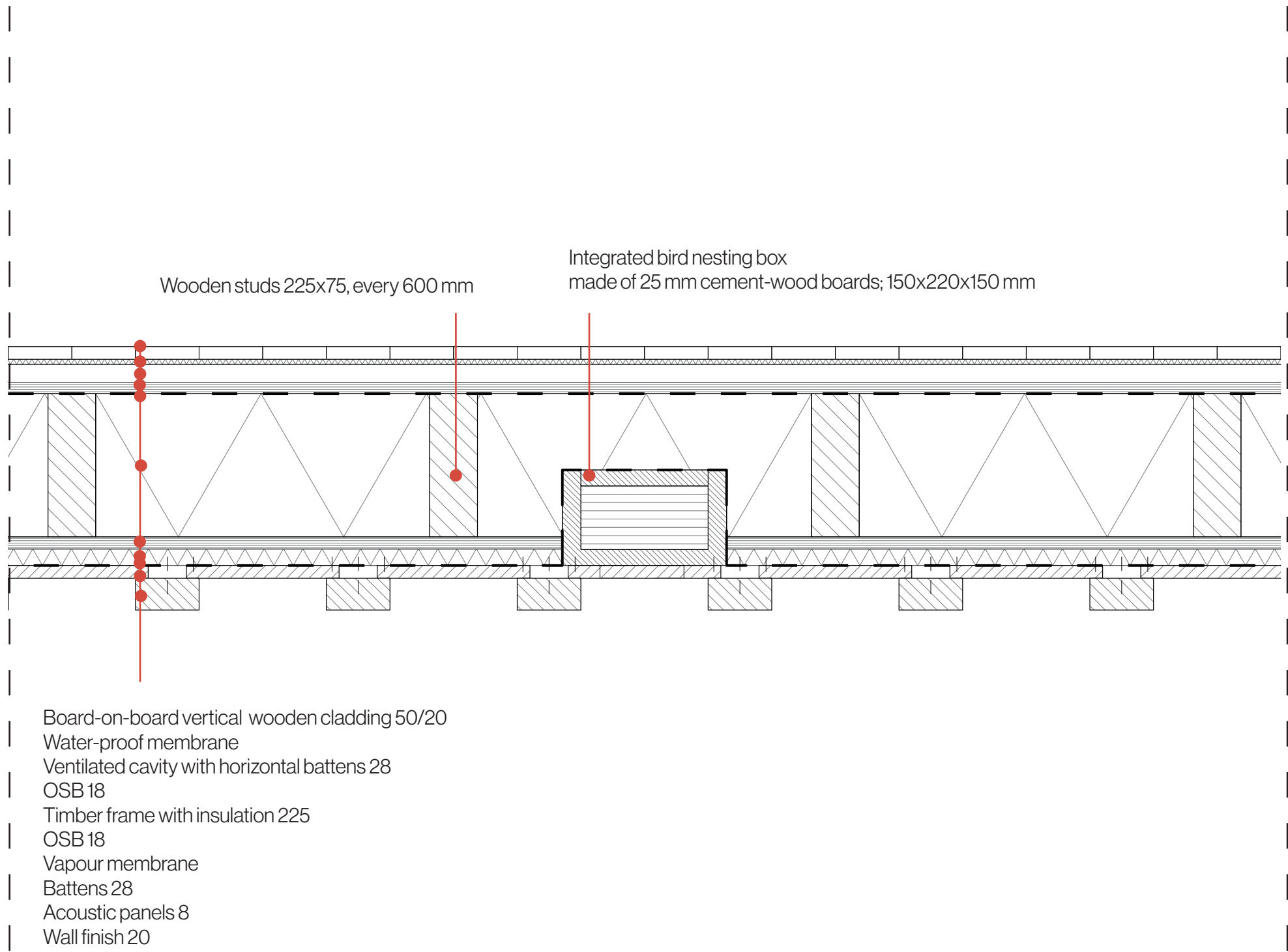
Facade fragment

1:20, re-scaled



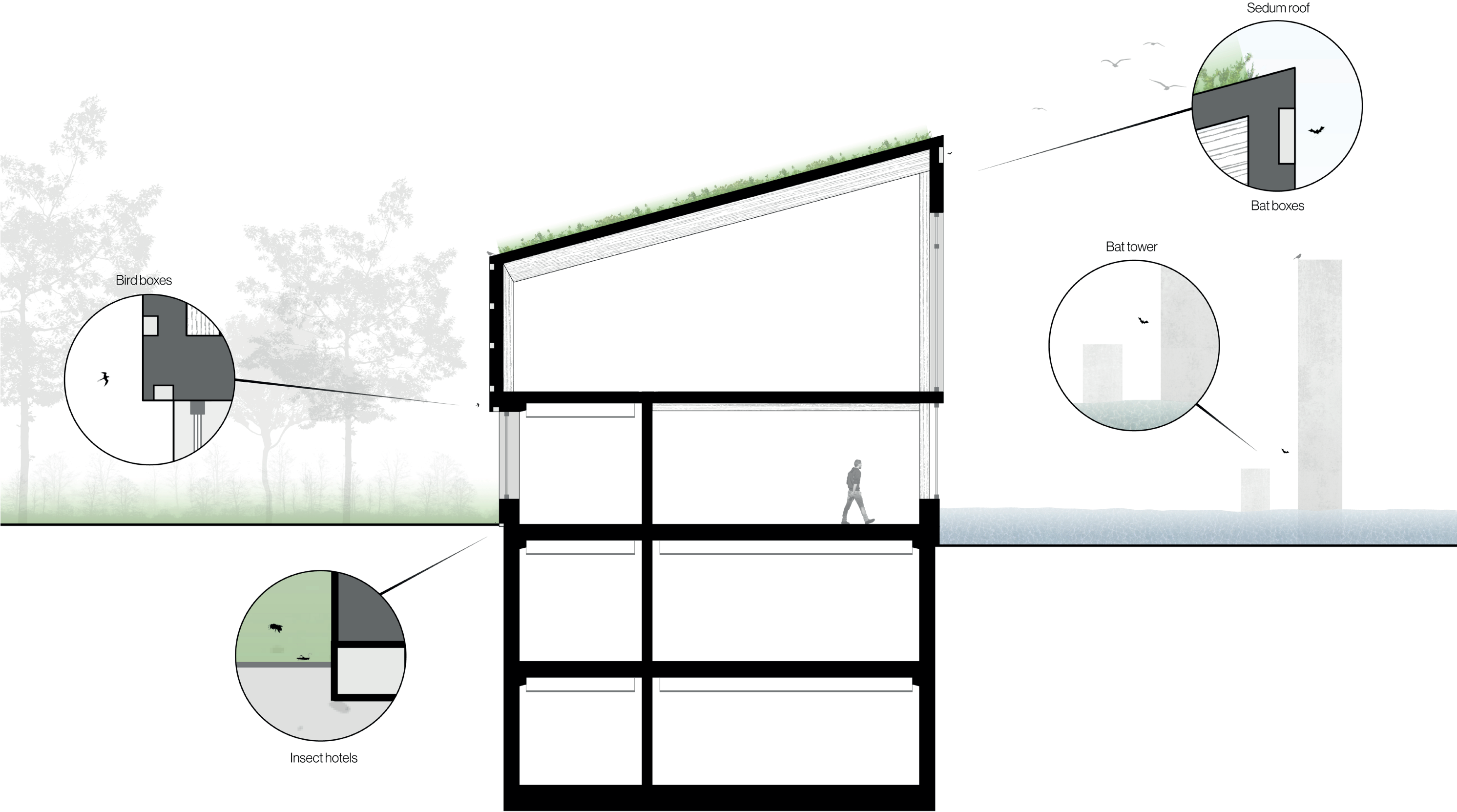
Construction detail: bird nesting box

1:5



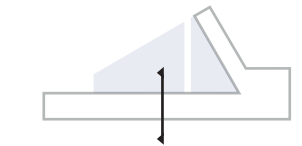
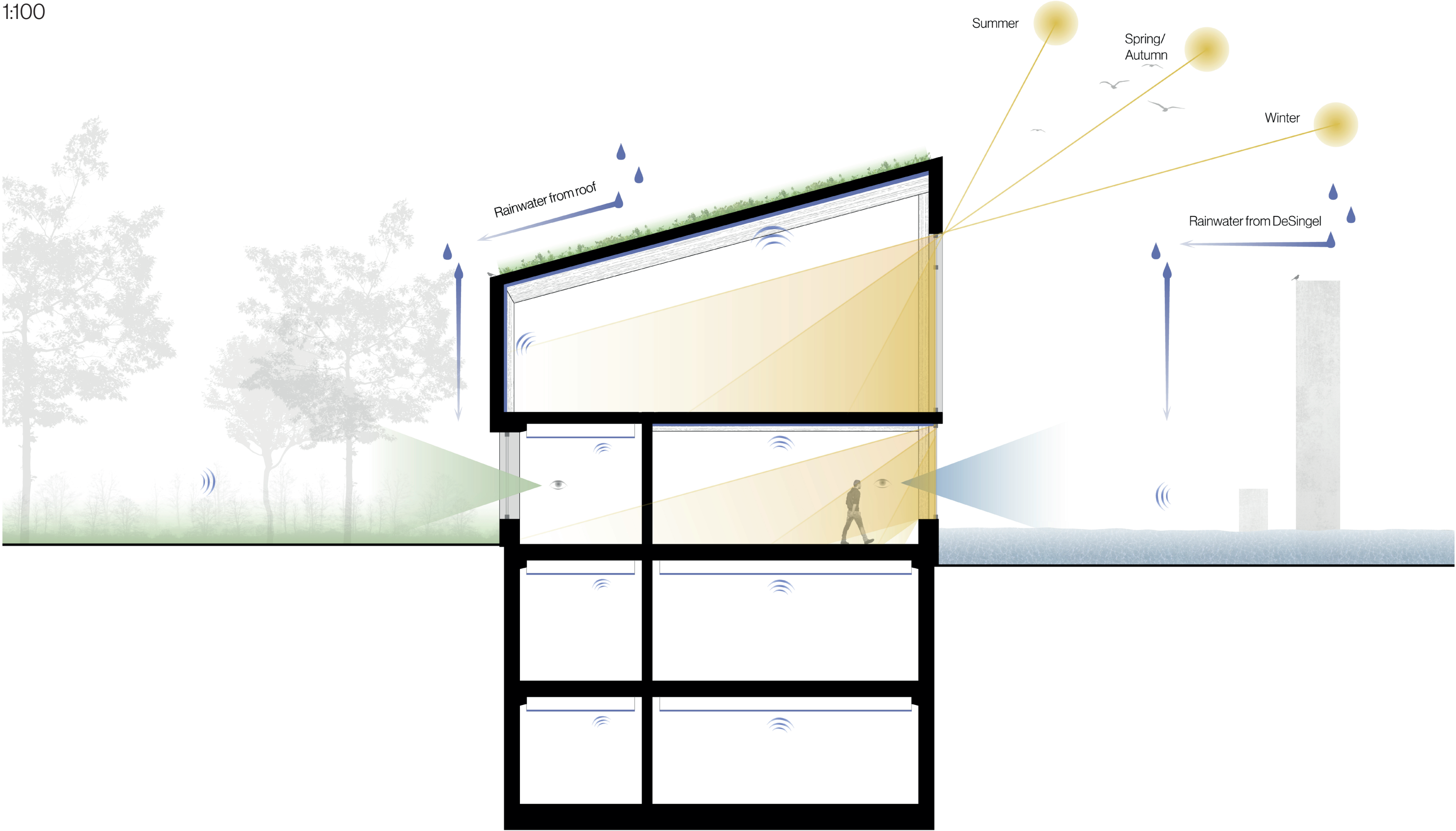
Climate section: nature-inclusive design

1:100



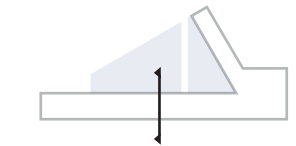
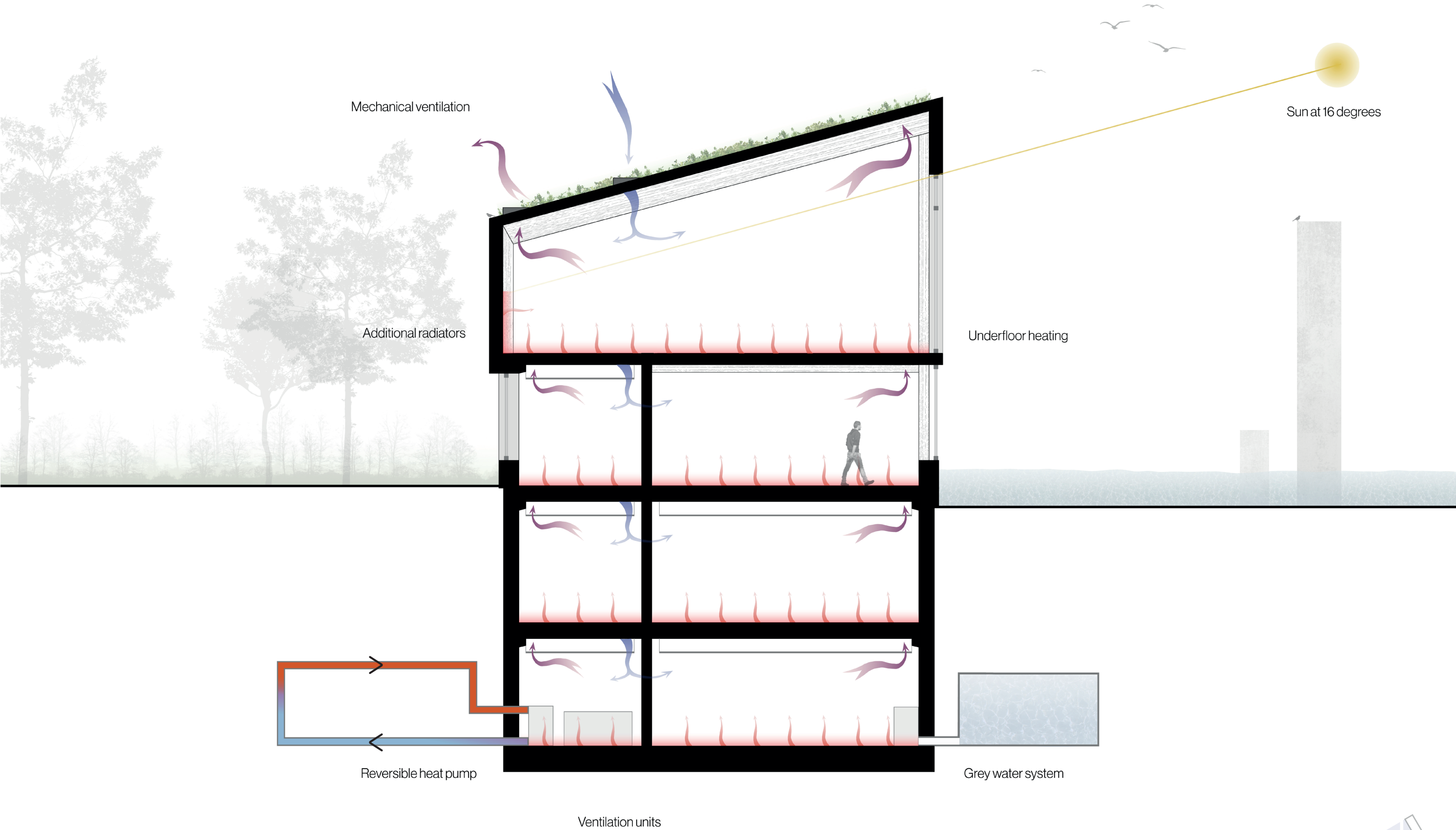
Climate section: passive design

1:100



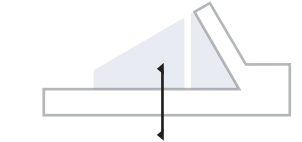
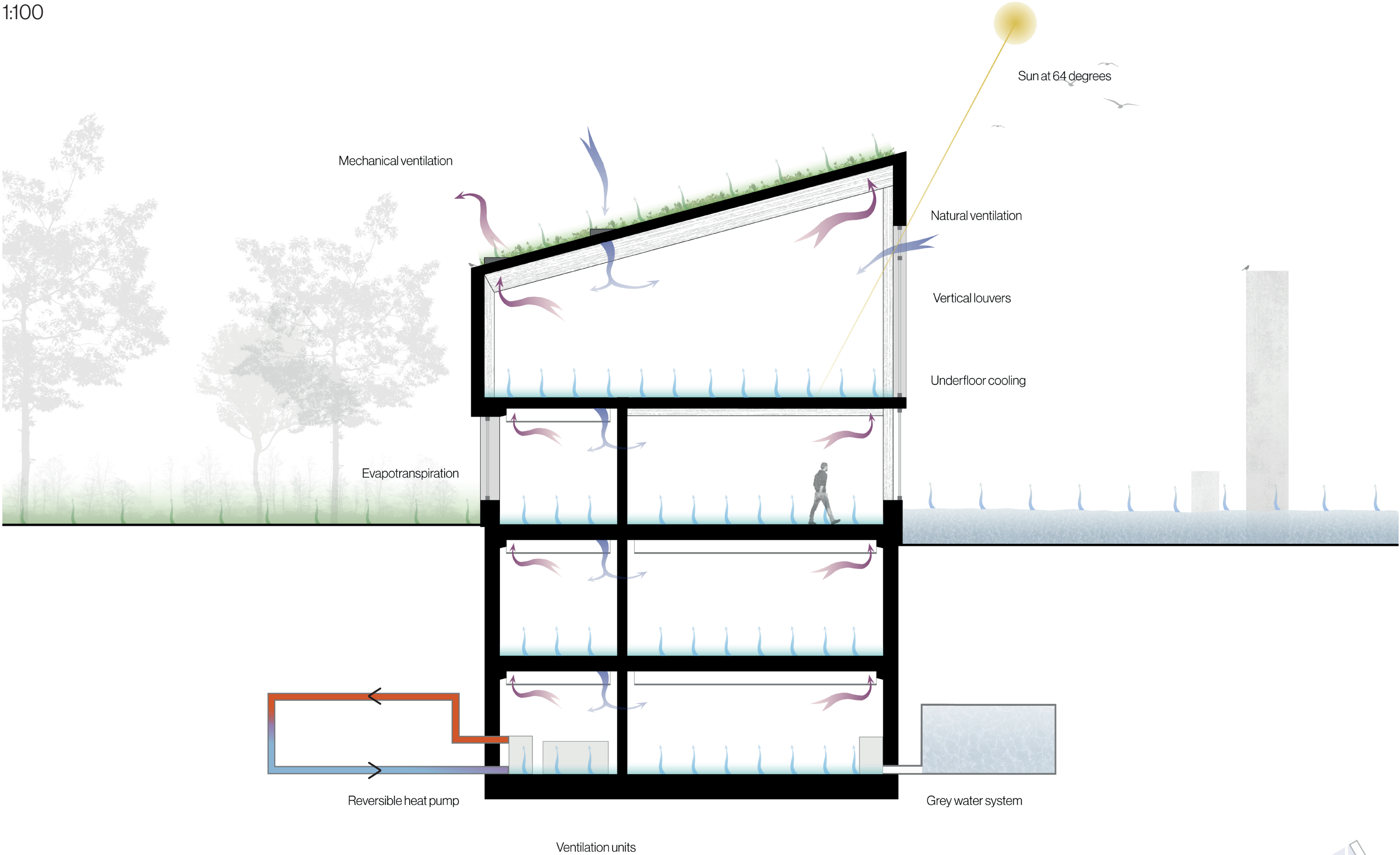
Climate section: winter

1:100



Climate section: summer

1:100

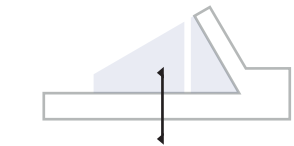
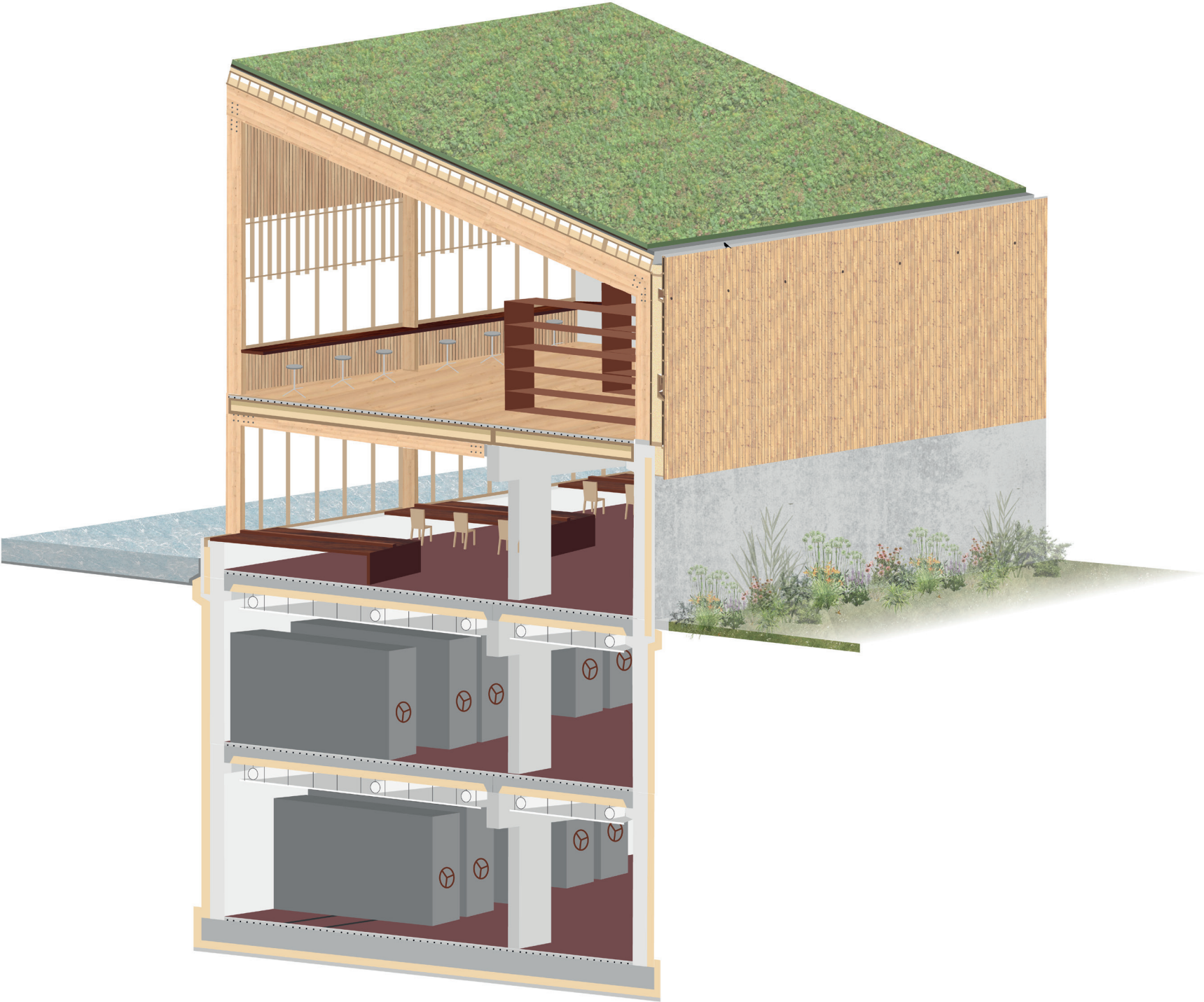




Conclusion

Integrated design

Axonometric section



Thank You

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