

# Story of the Edges

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P5

24/06/2022

Urban Architecture

Studio 'Glaneurs, Glaneuses'

**01** Discovering the Edges  
Preface

**02** Understanding the Edges  
Research

**03** Restructuring the Edges  
Urban Proposal

**04** The story of the Edges  
Architectural Proposal

**05** Detailing the Building Edge  
Material Proposal



# 01 Discovering the Edges

Preface



Edge as an element that separates exterior and interior



Edge as an element that separates land and water









An edge in the past

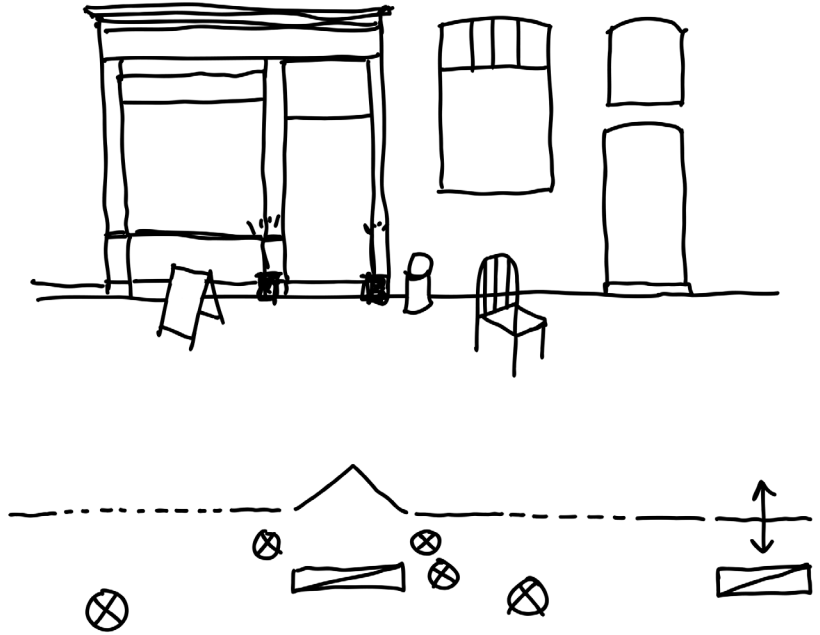
# 02 Understanding the Edges

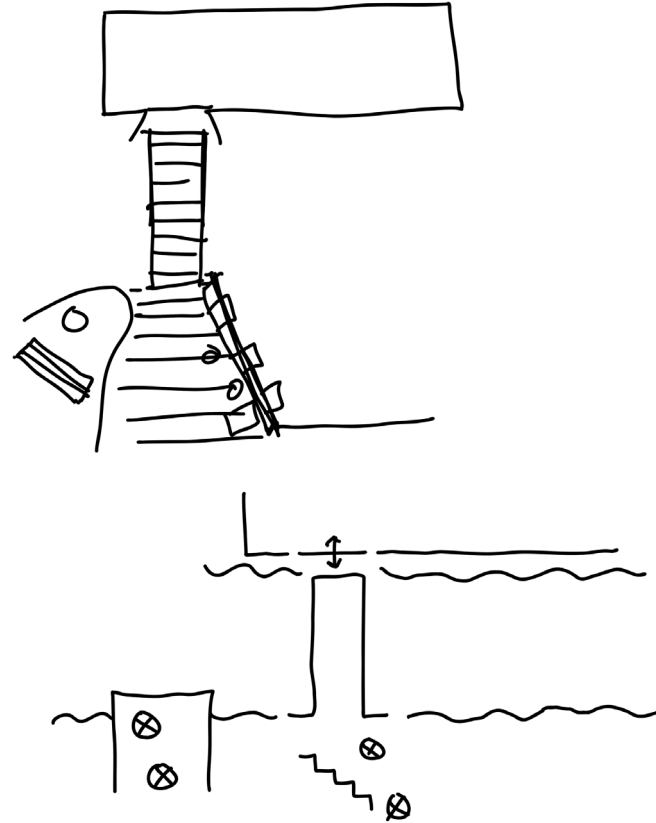
## Research

**edge** noun

the line where an object or area begins or ends : BORDER







The spatial separation of the river enables an escape from everyday experiences, from roles and rules which are institutionalised in work settings...people come to an urban riverfront to escape from everyday responsibilities. This escapism takes many forms...

- 'Activating Urban Waterfronts', Quetin Stevens







# Informality

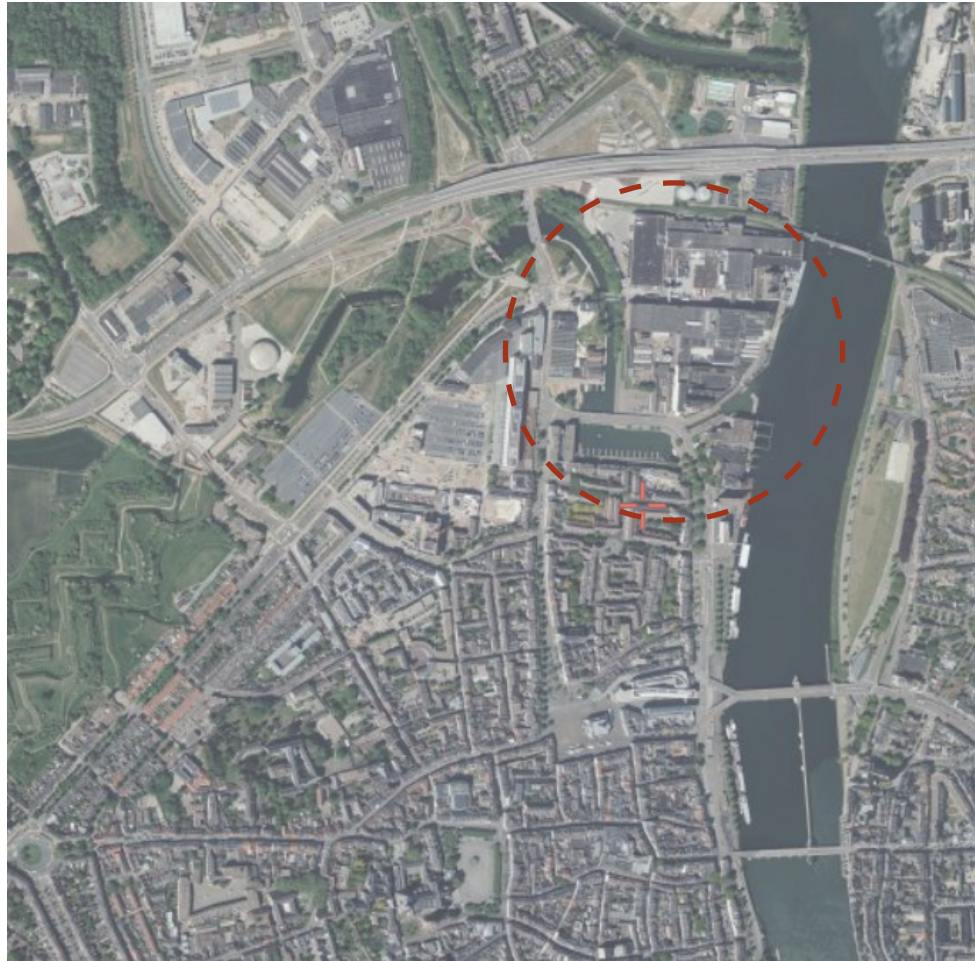


# Ambiguity

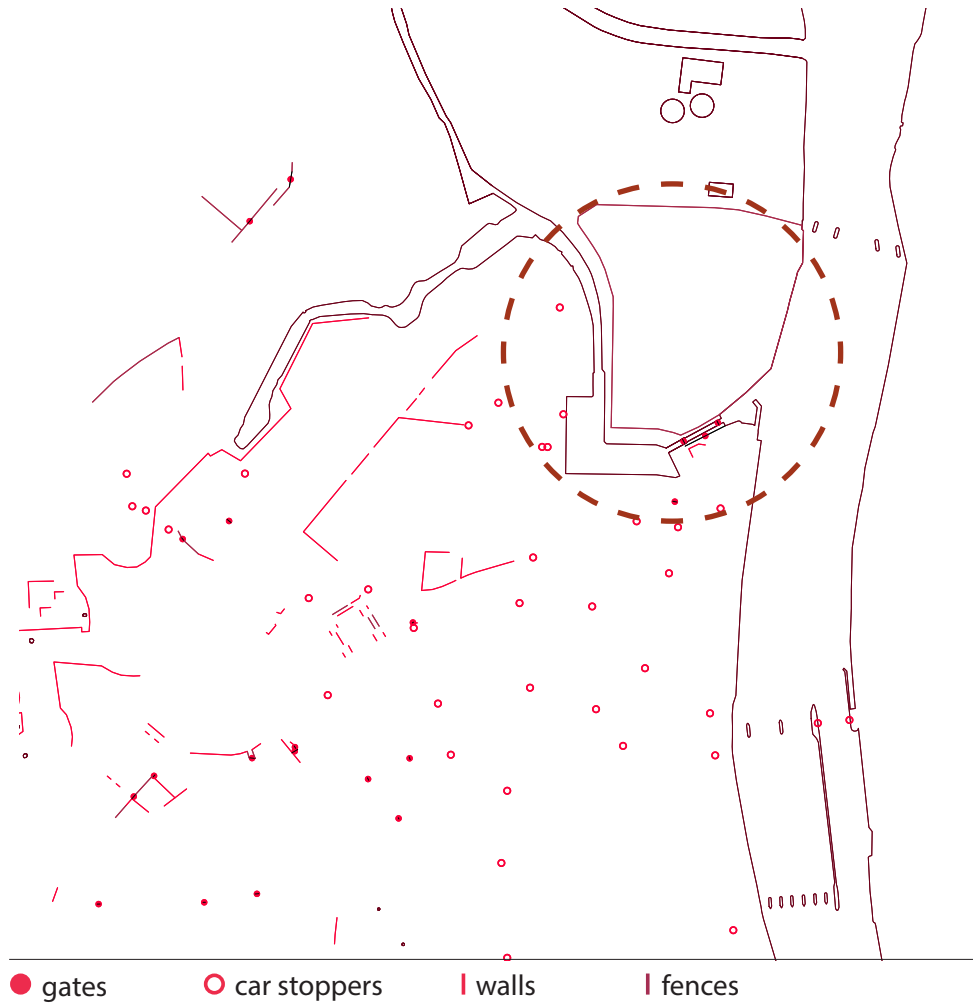
# 03 Restructuring the edges

Urban Proposal

With Zhenduo Feng and Zilin Zhou



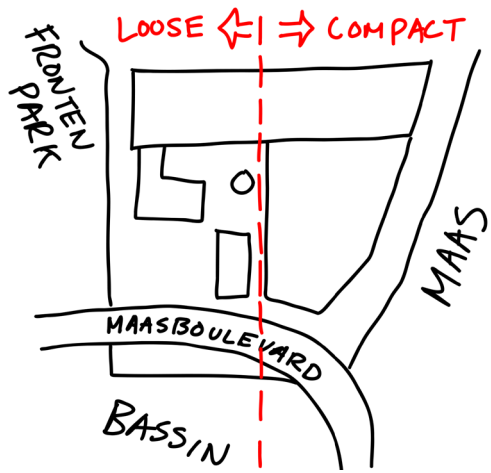
Site - Sappi factory, Maastricht



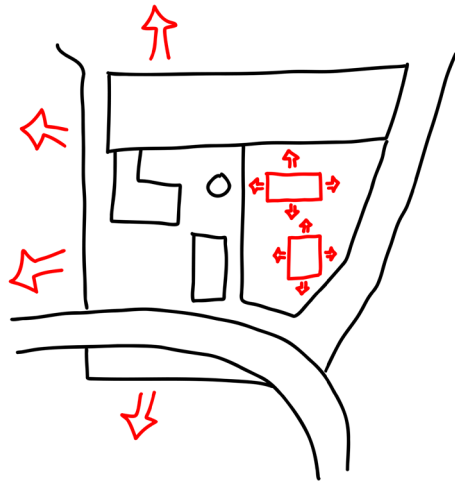
### Built borders

Image by research group 'Overhead, Under and In Between'

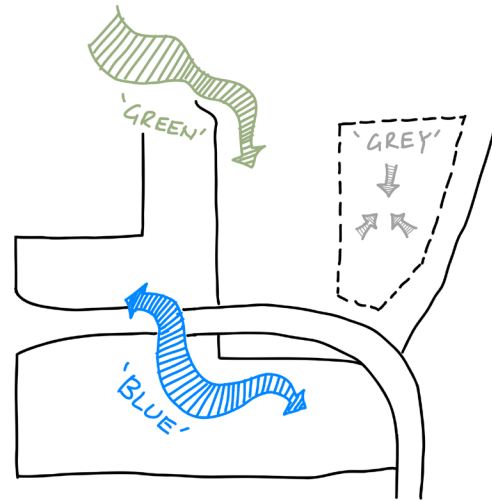




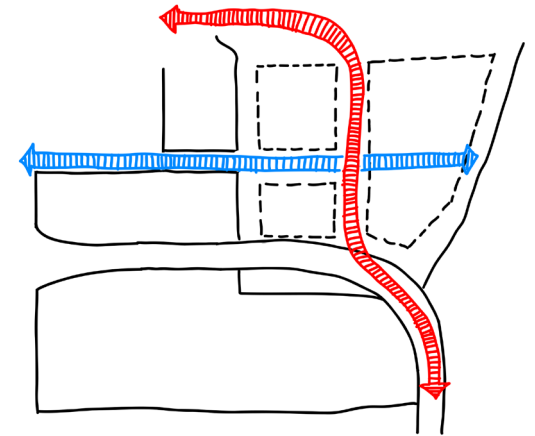
Reading the site



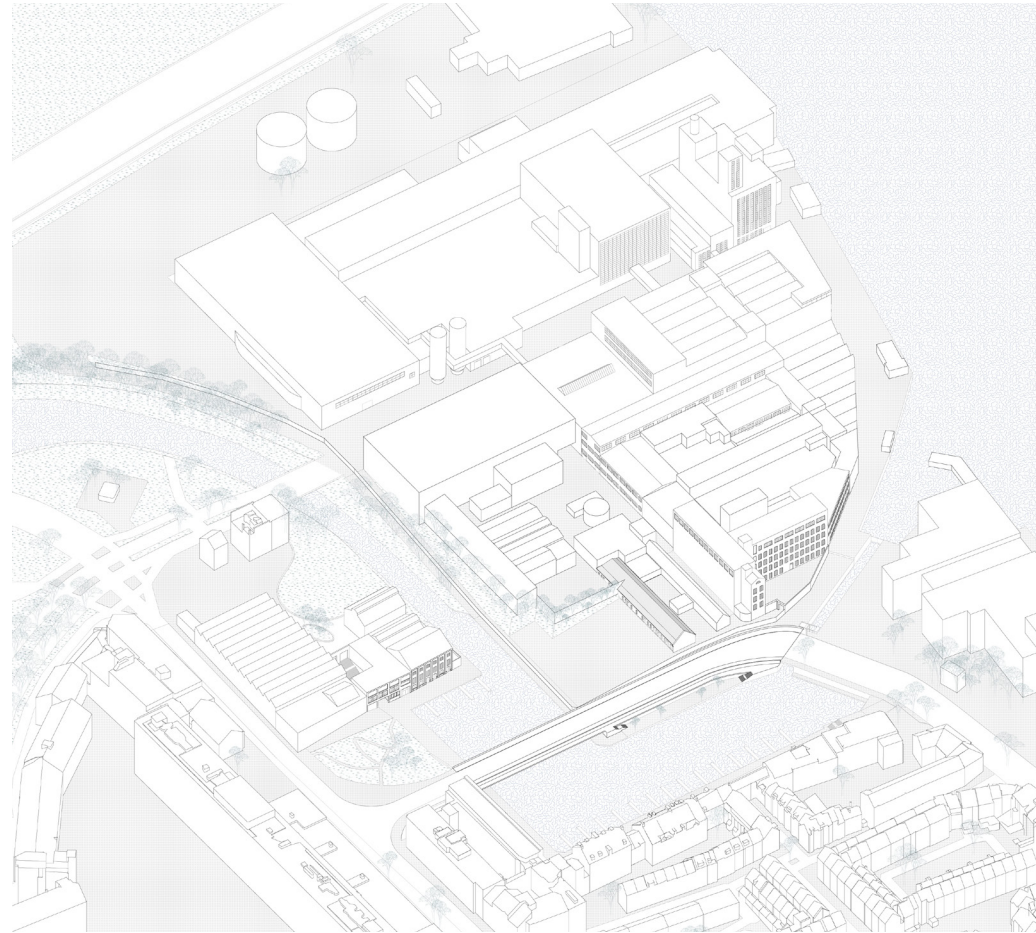
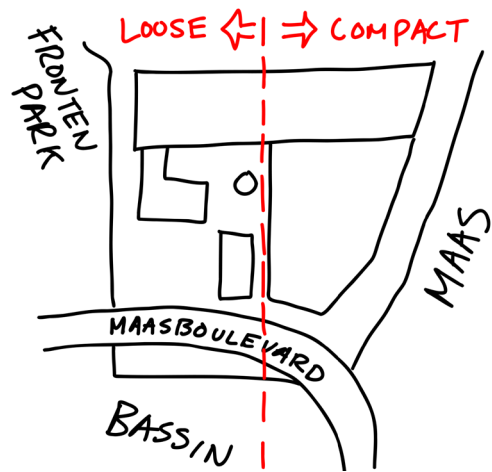
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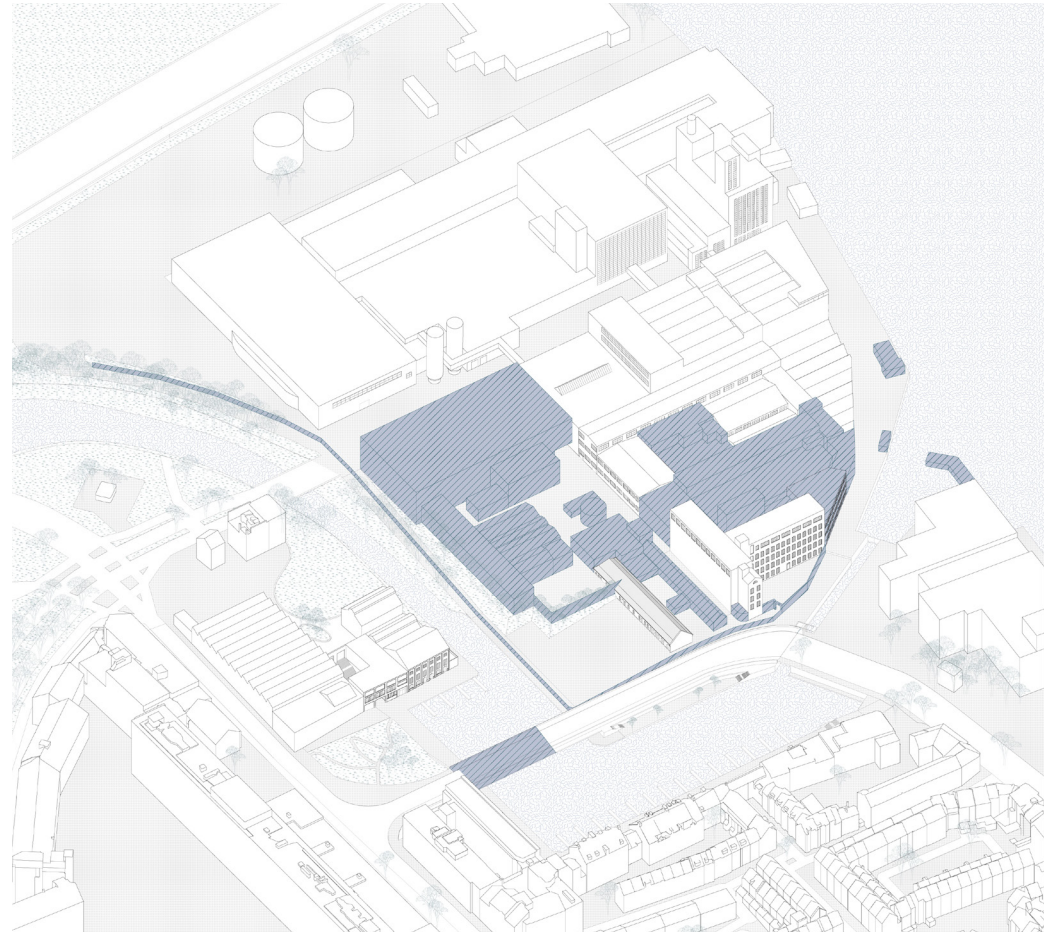
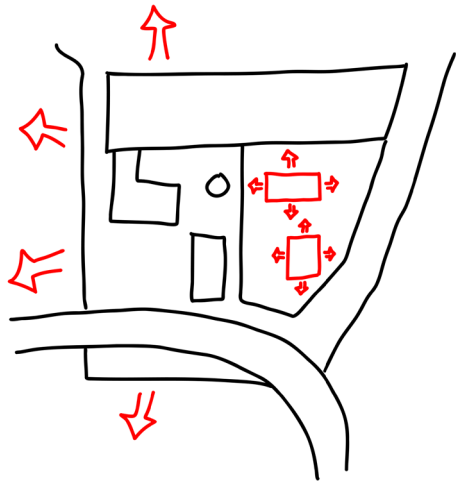


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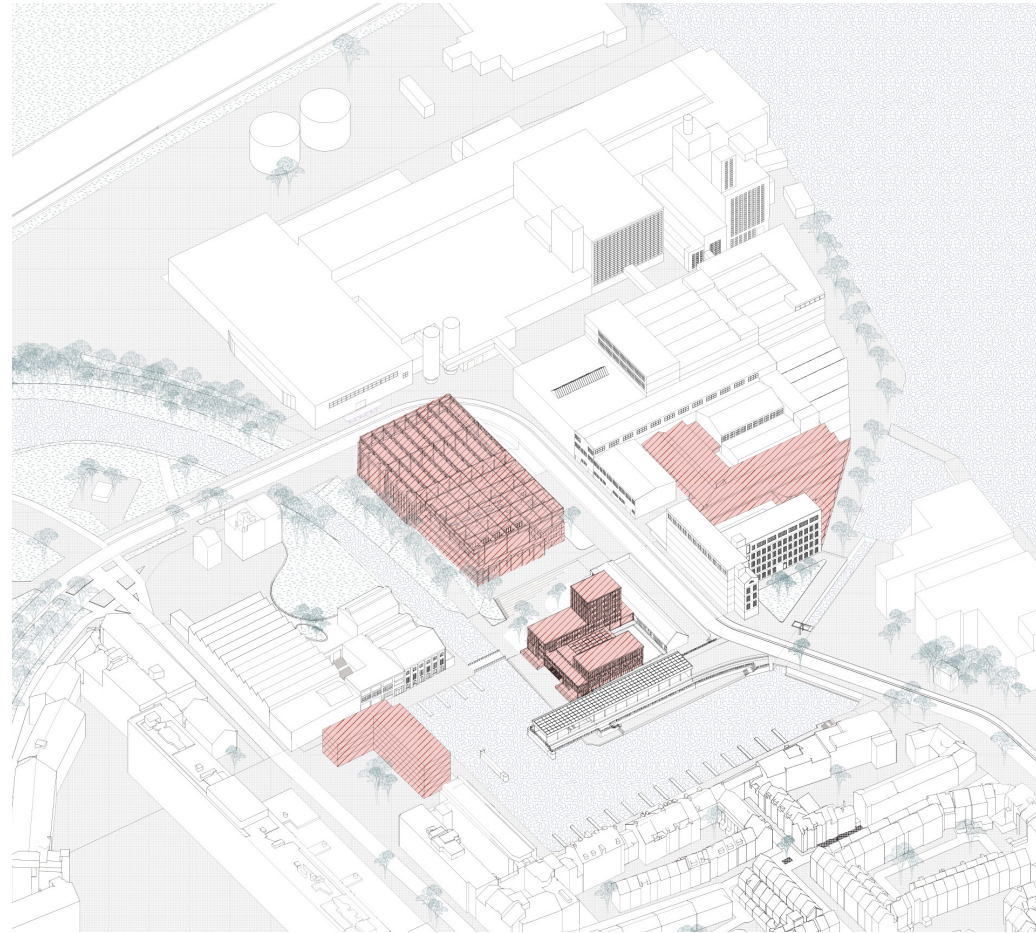
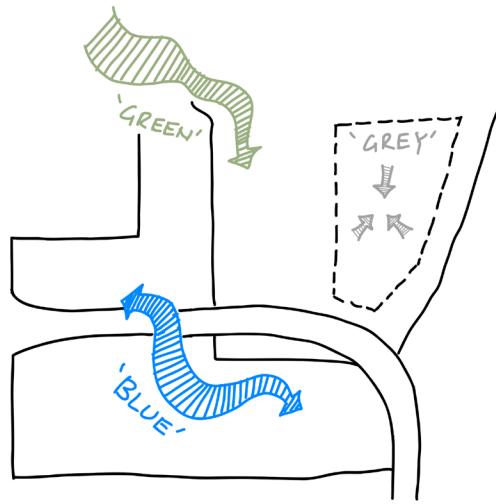


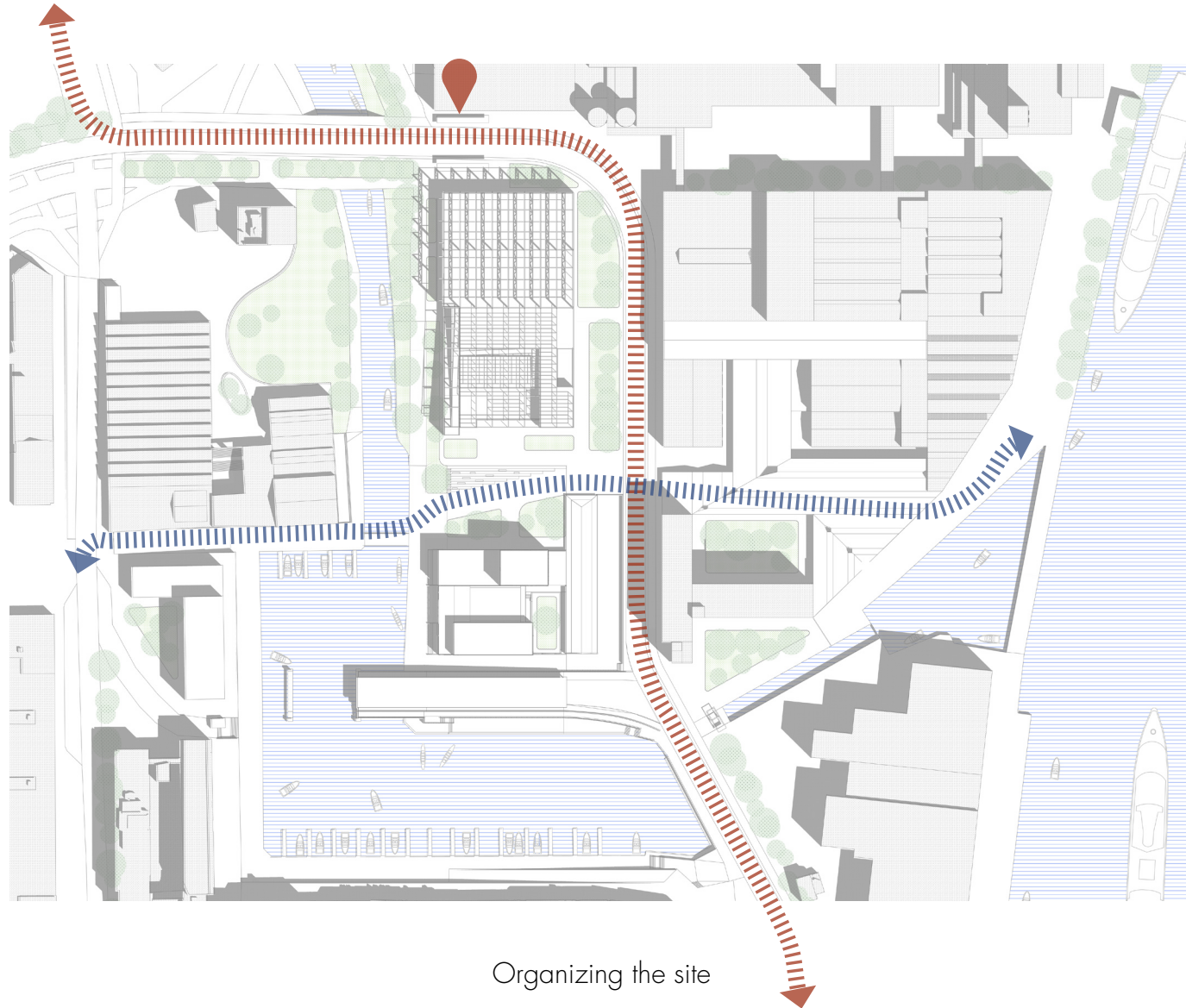
Organizing the site





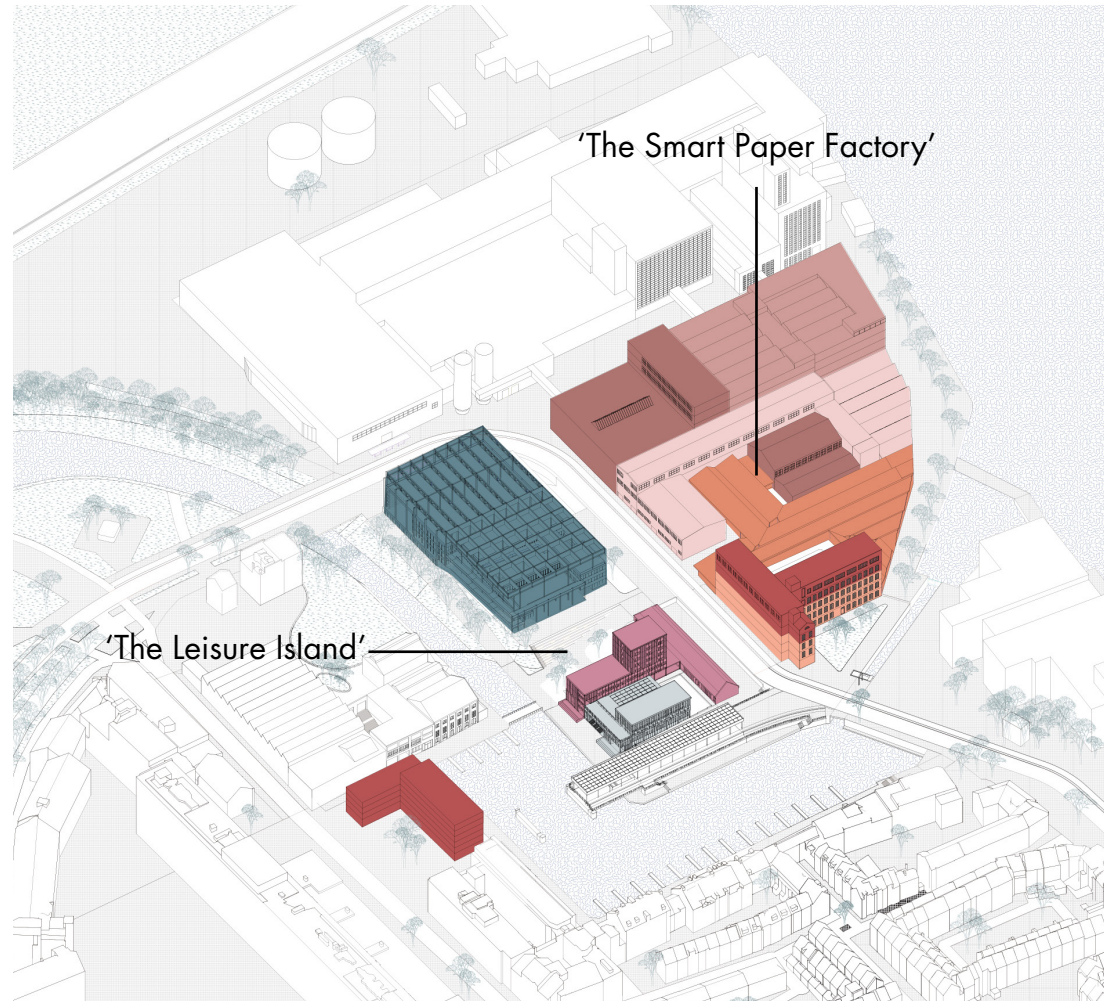






Organizing the site





- Residential
- Hostel
- Sport
- Club house
- Process
- Research
- Visitor
- Artist
- Smart Paper Lab

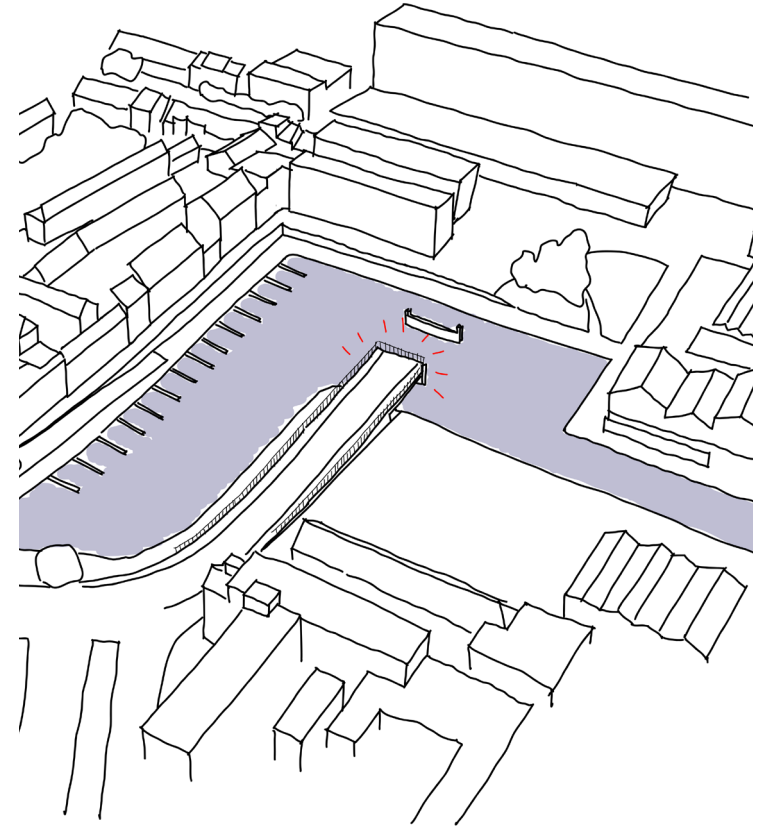
Proposed programs



Before the construction of the bridge, 1978



After the construction of the bridge, 1985

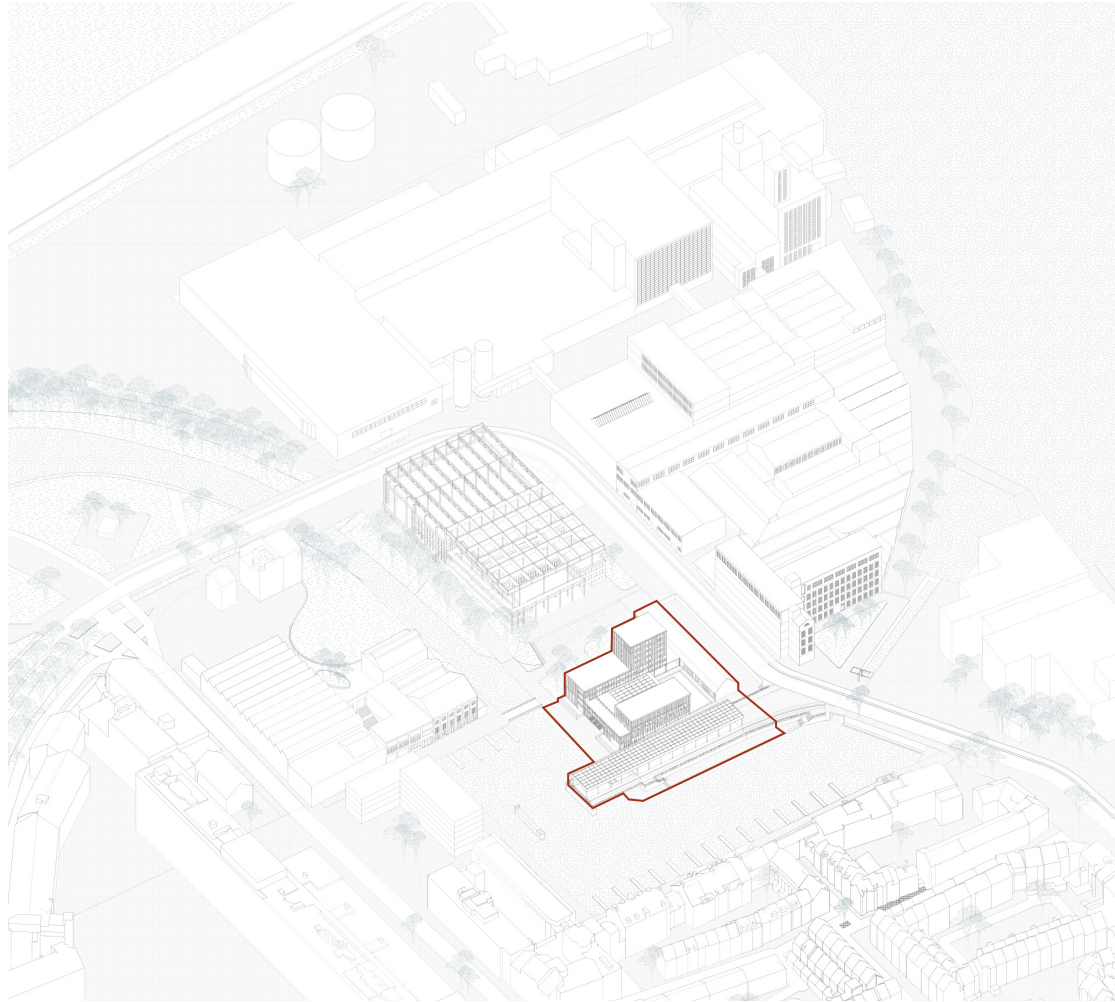


After partial demolition of the bridge

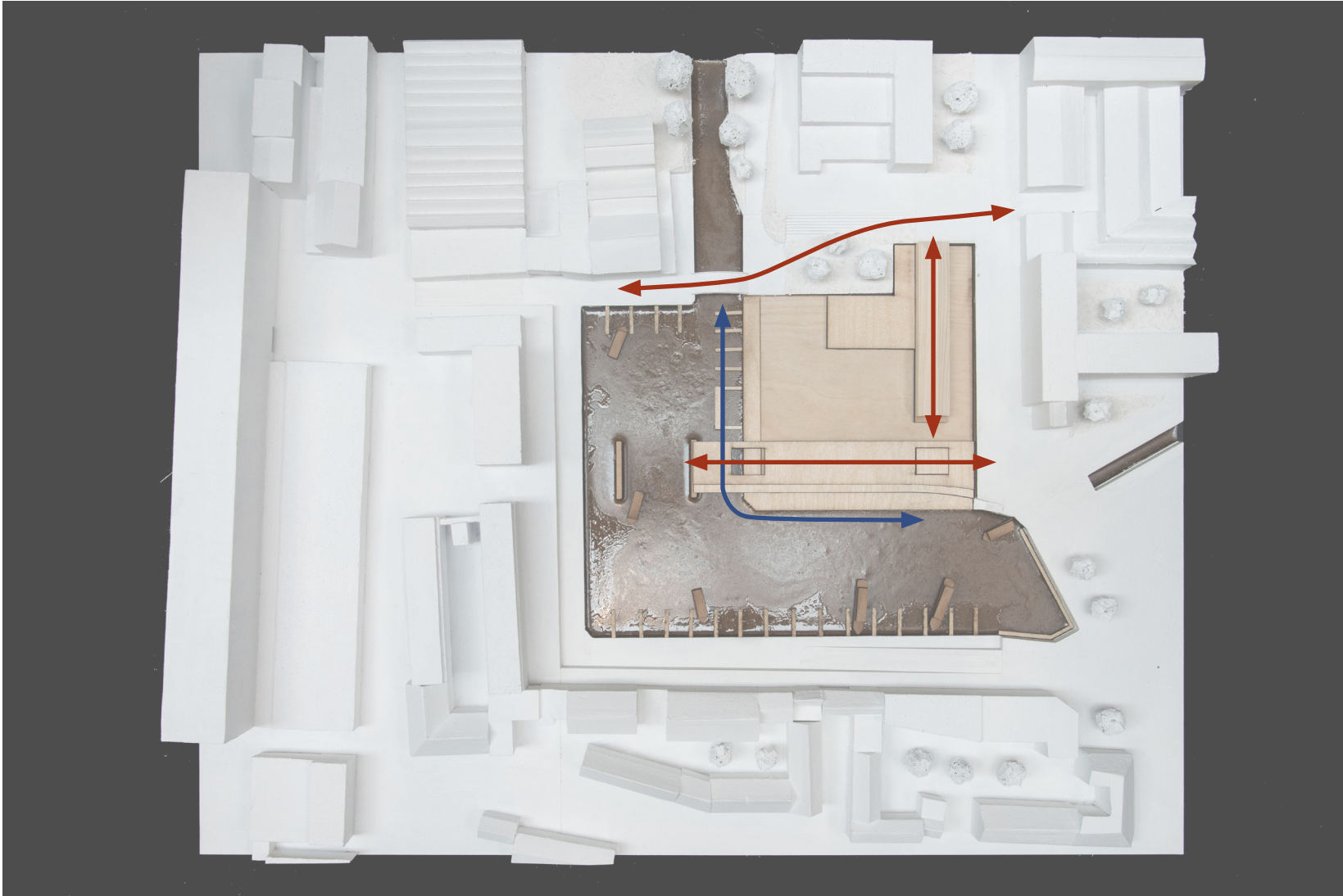
# 04 The Story of the Edges

Architectural Proposal

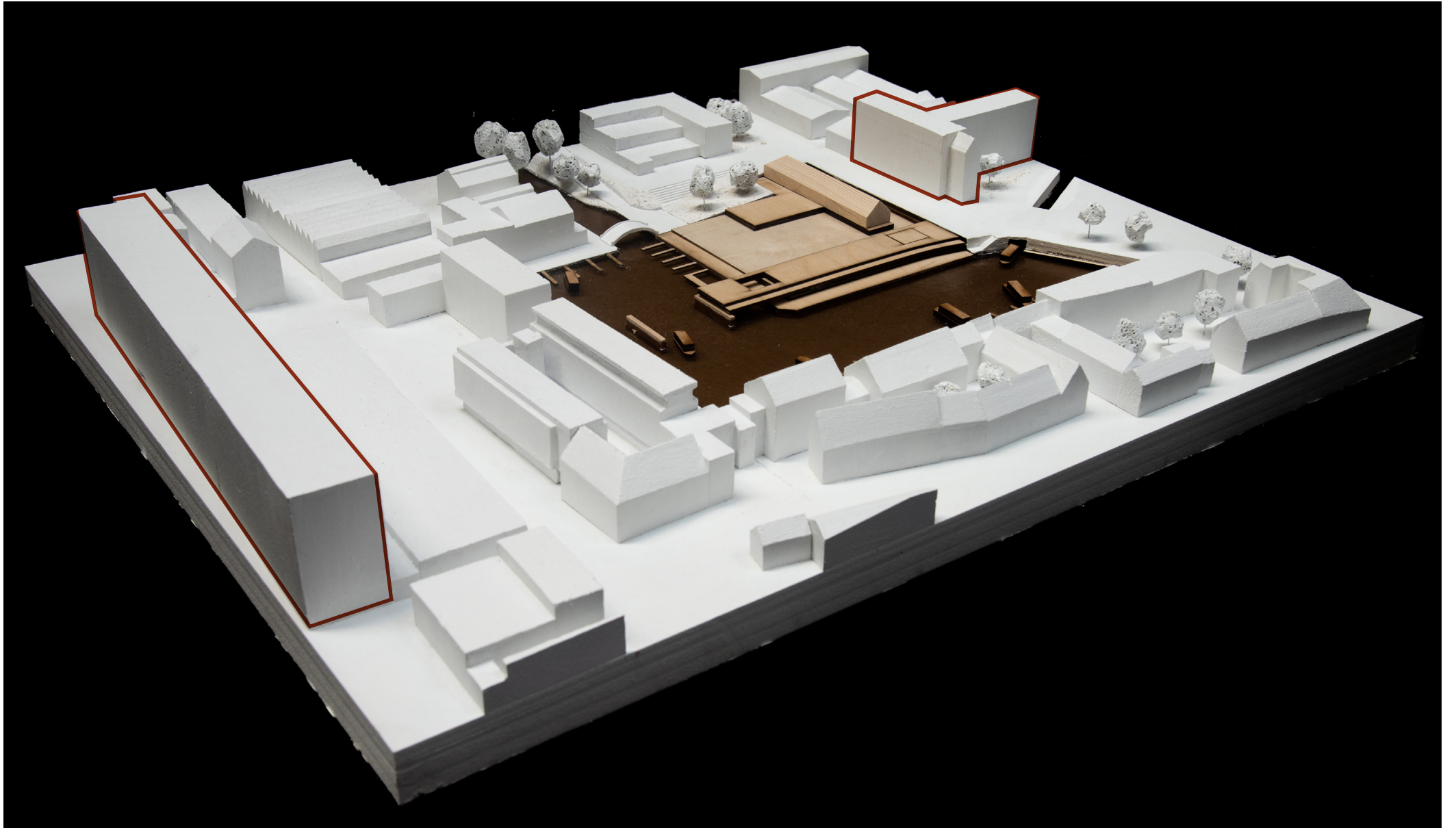




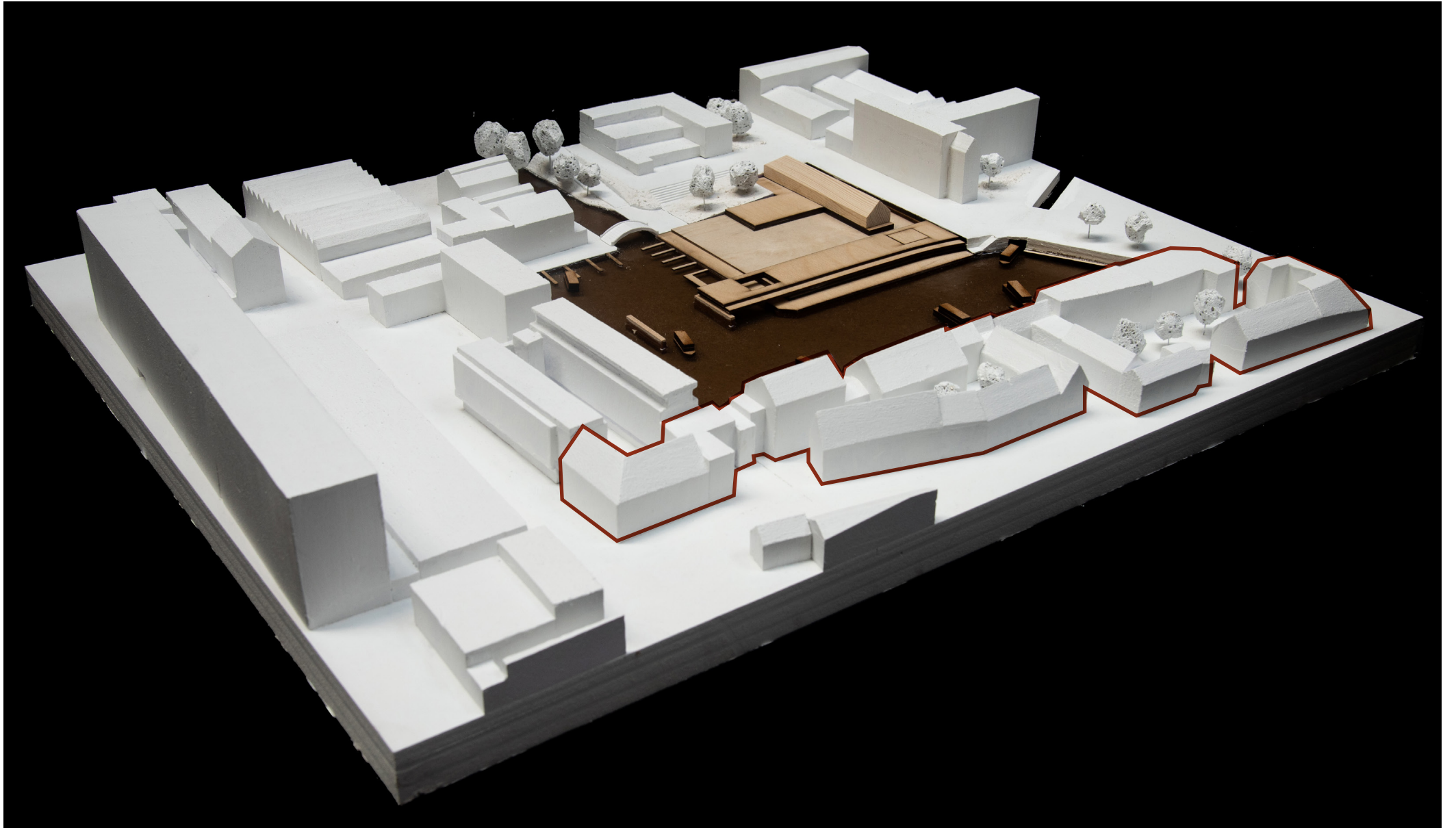
Chosen site

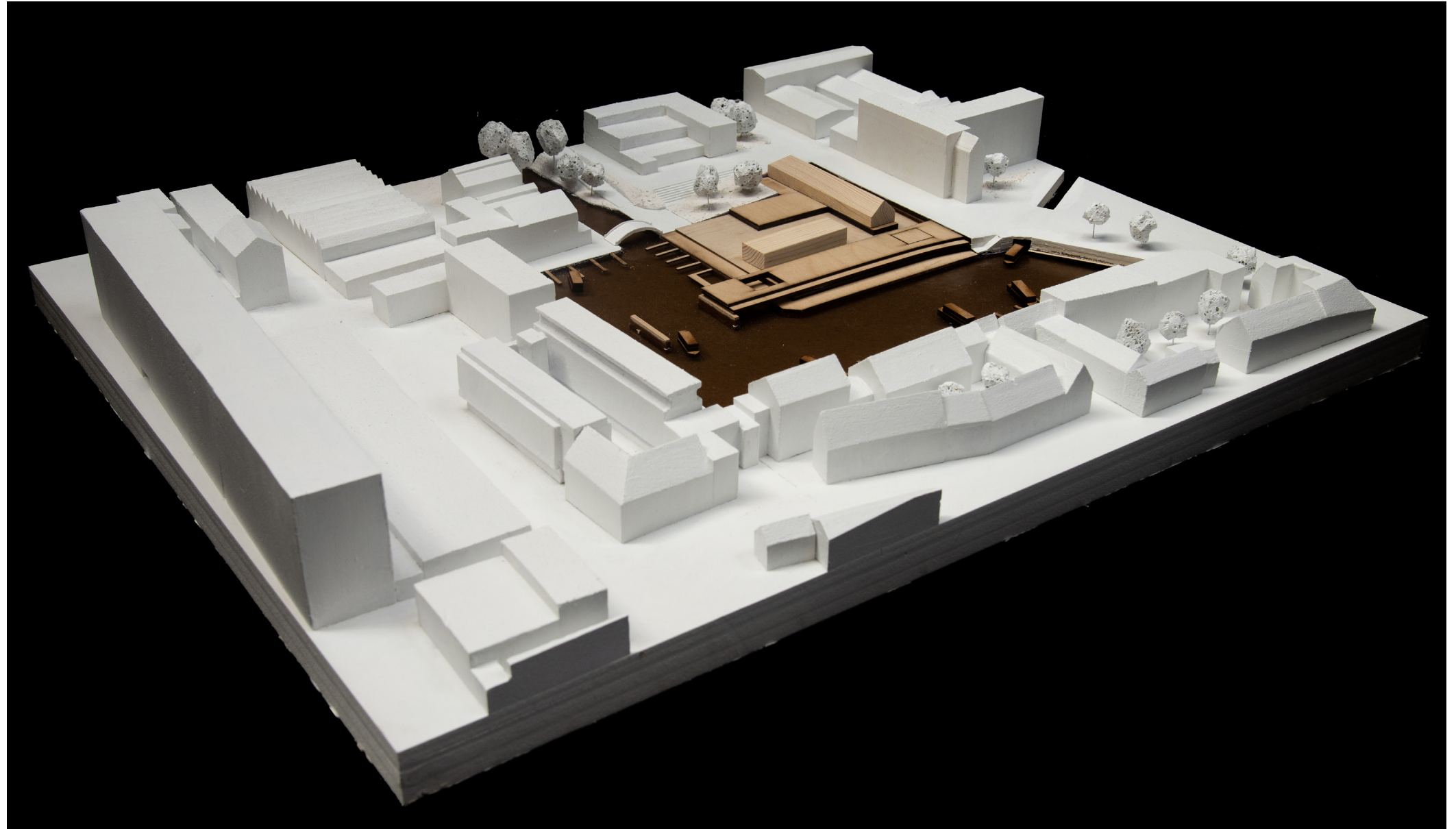


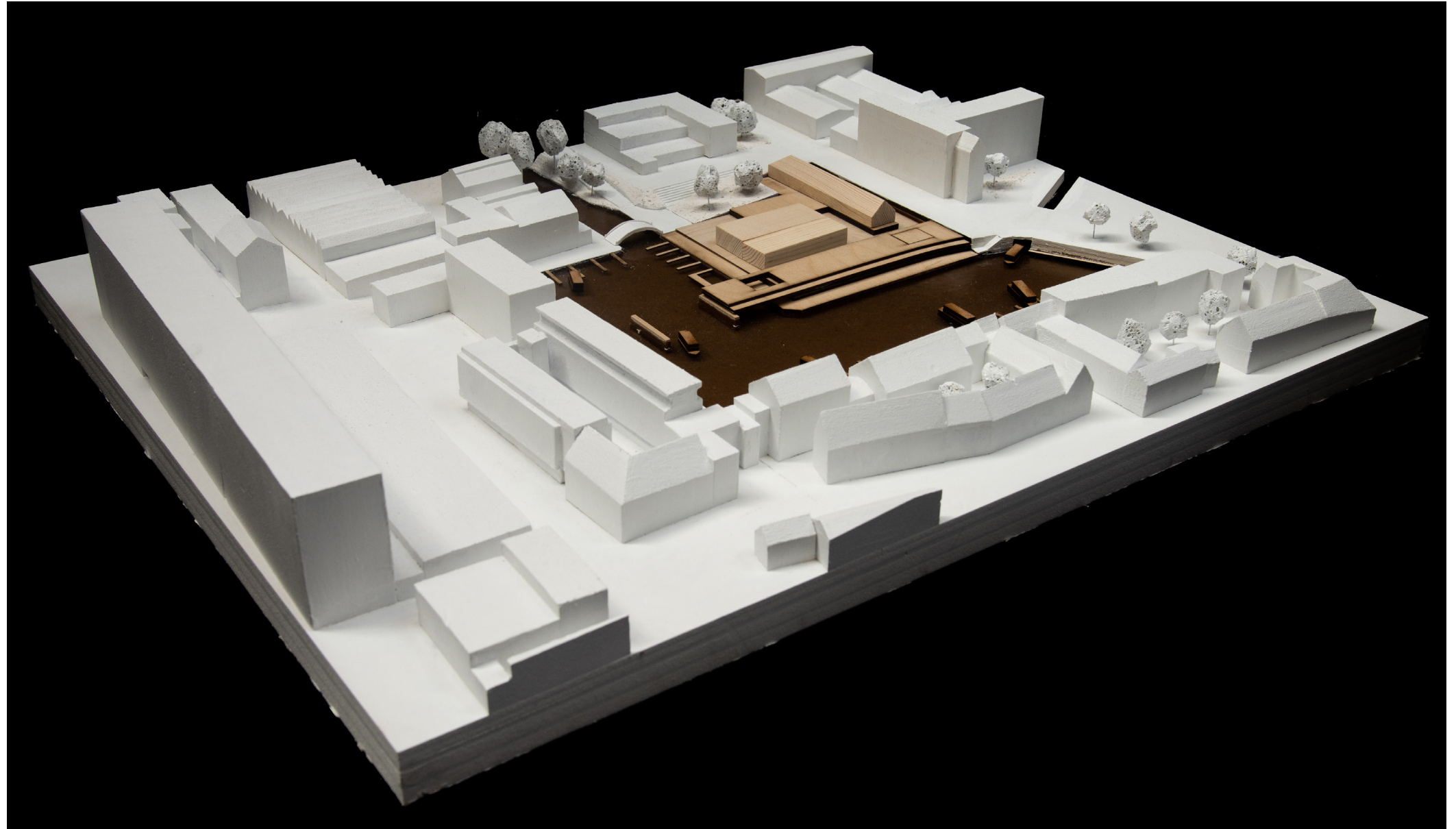
Edge of the site



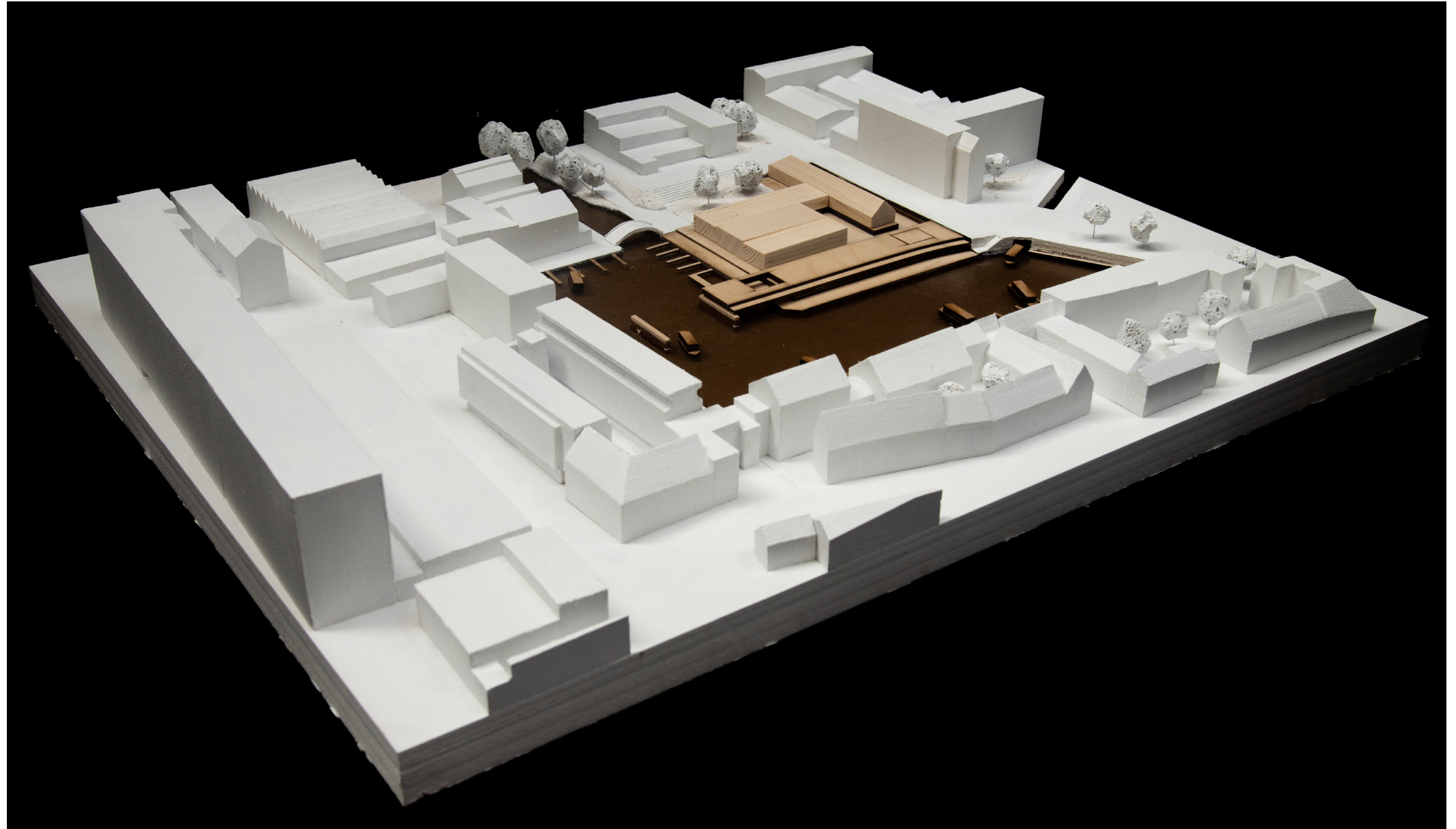


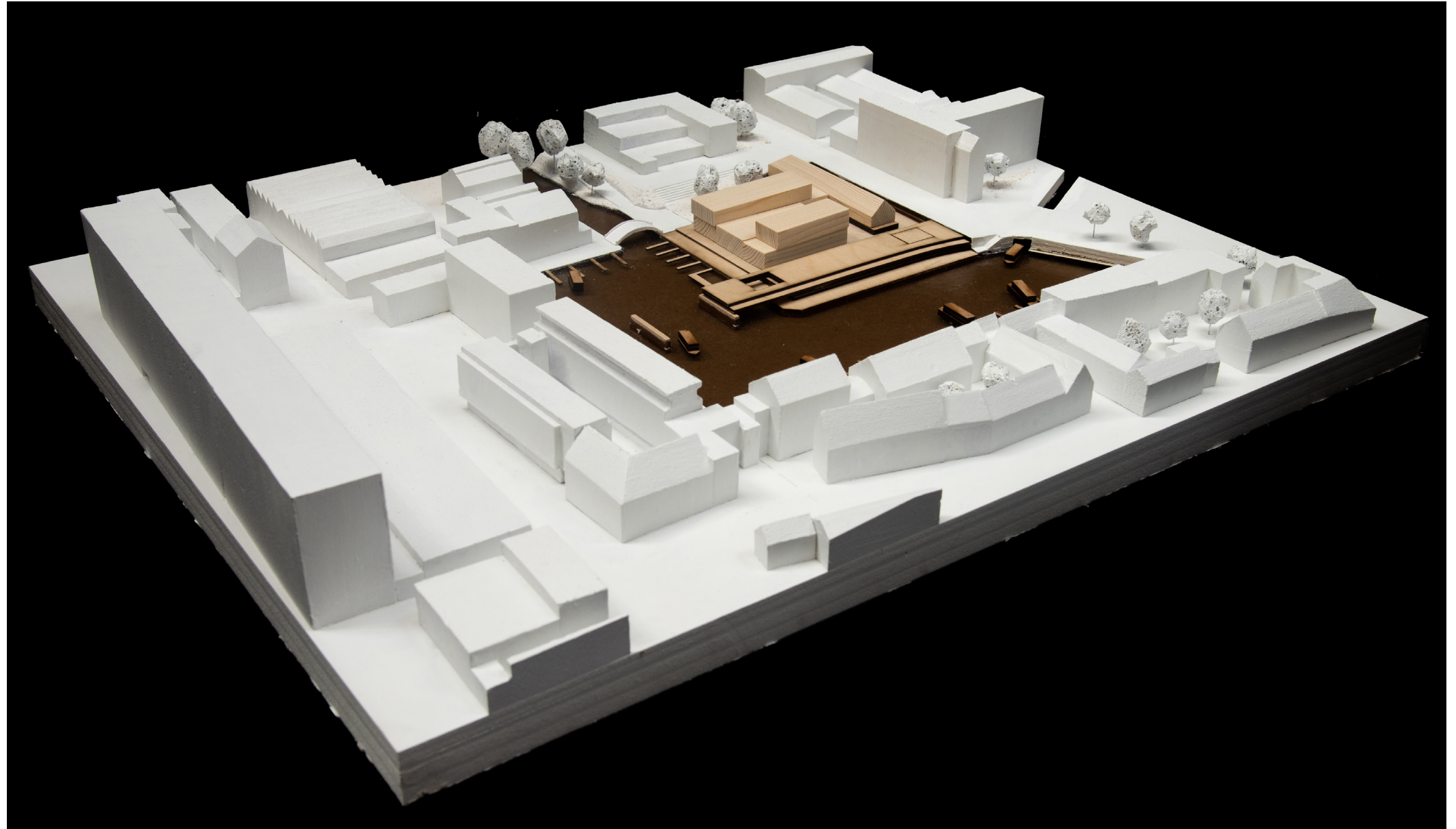




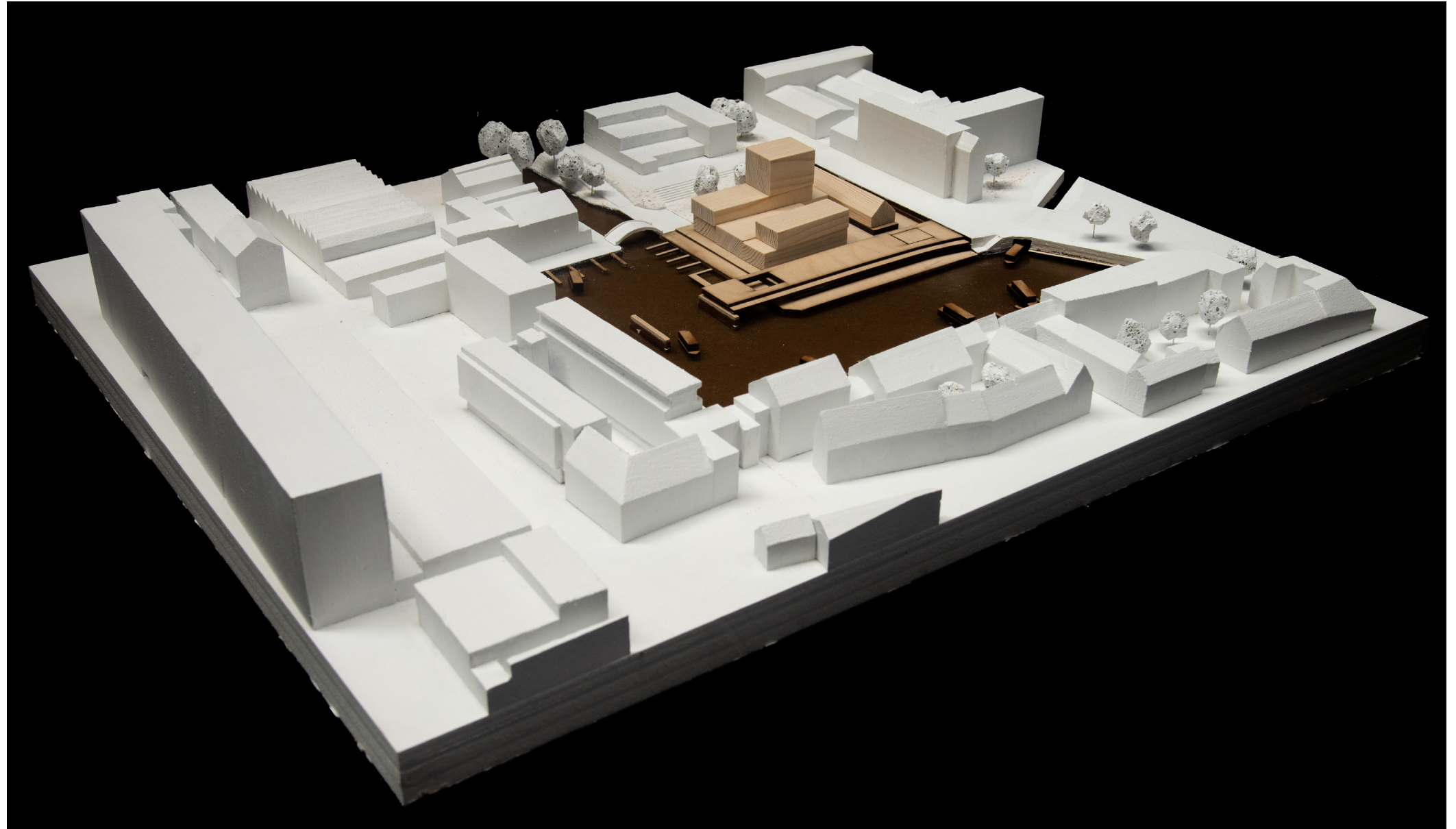


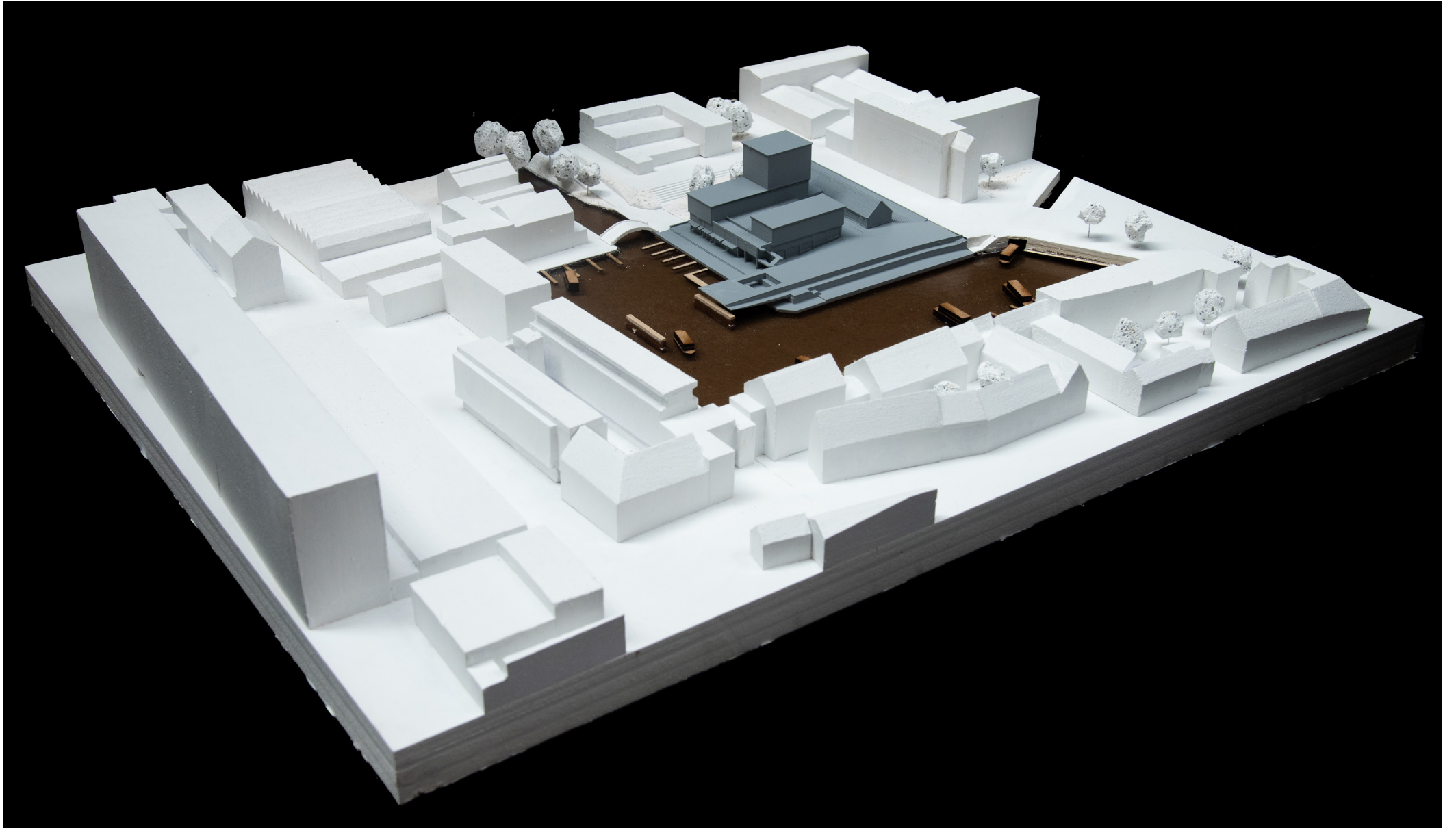


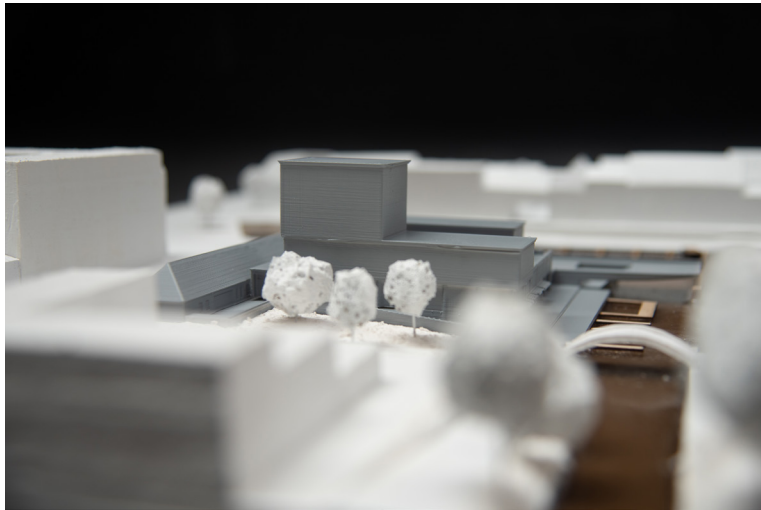
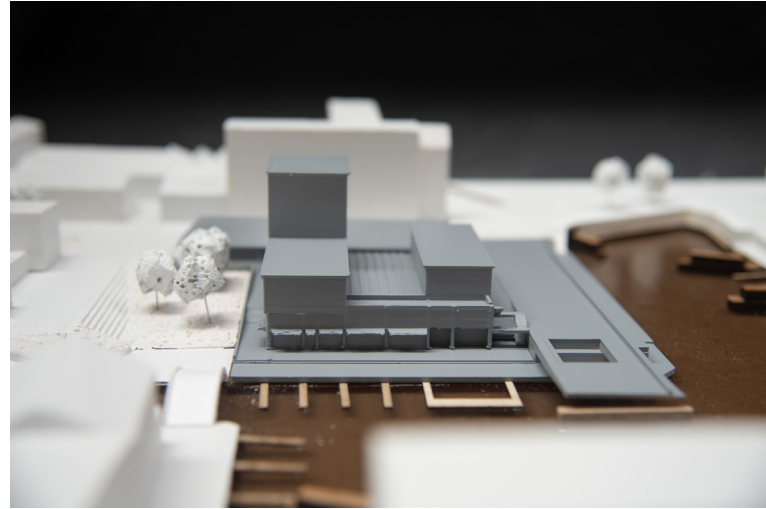
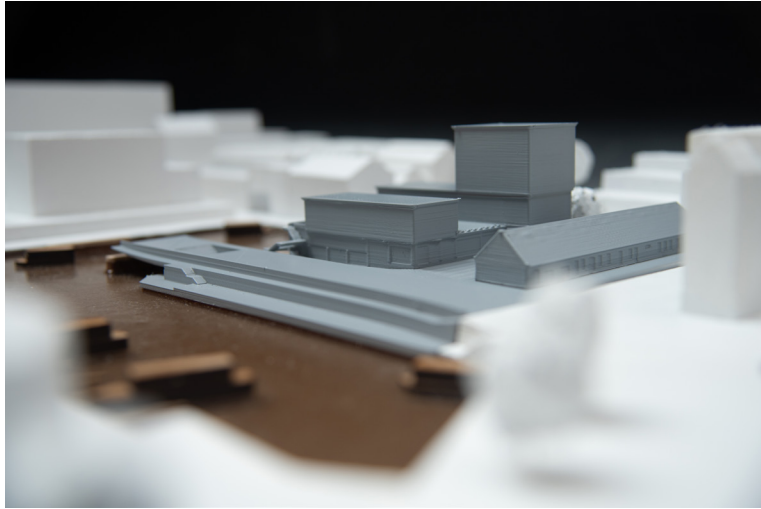




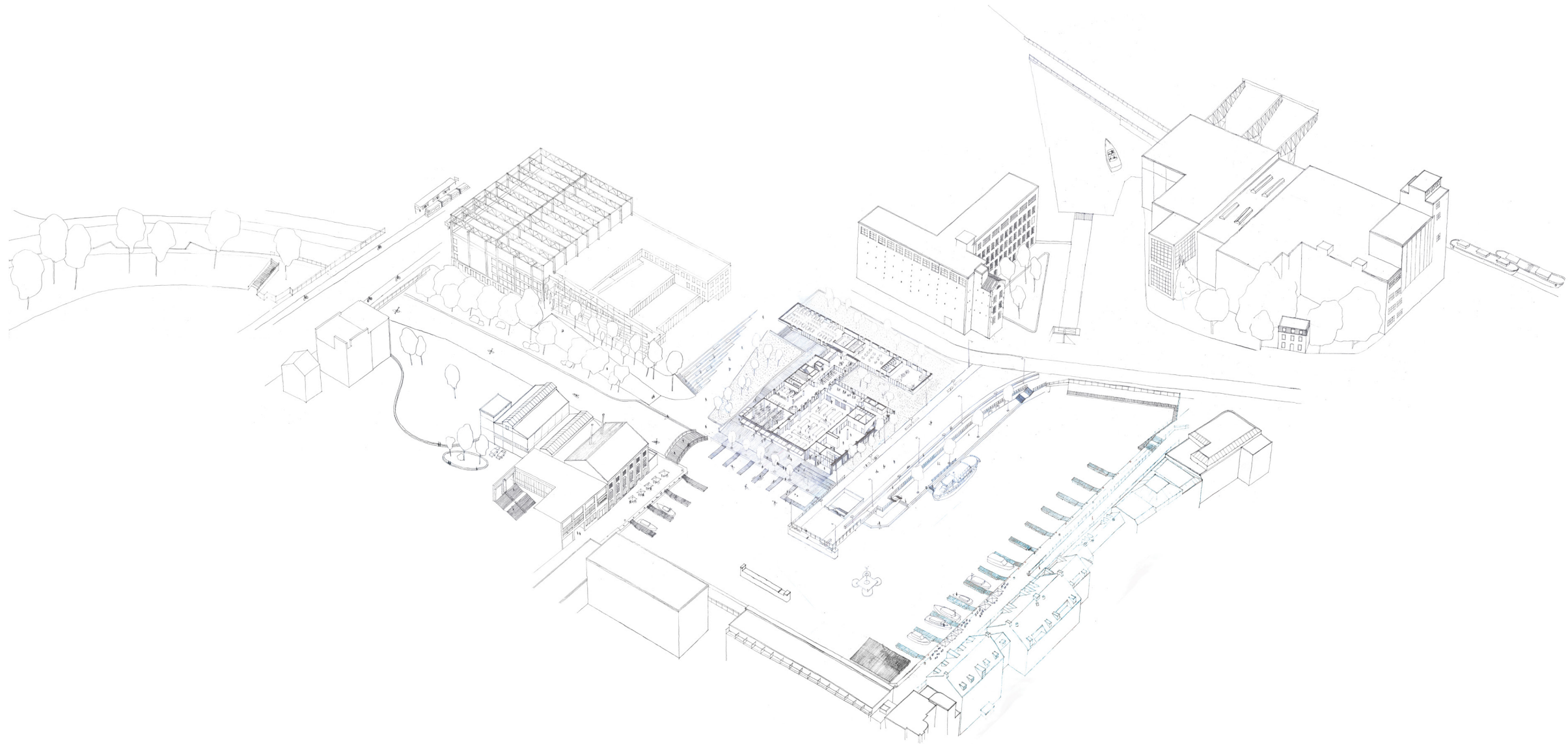


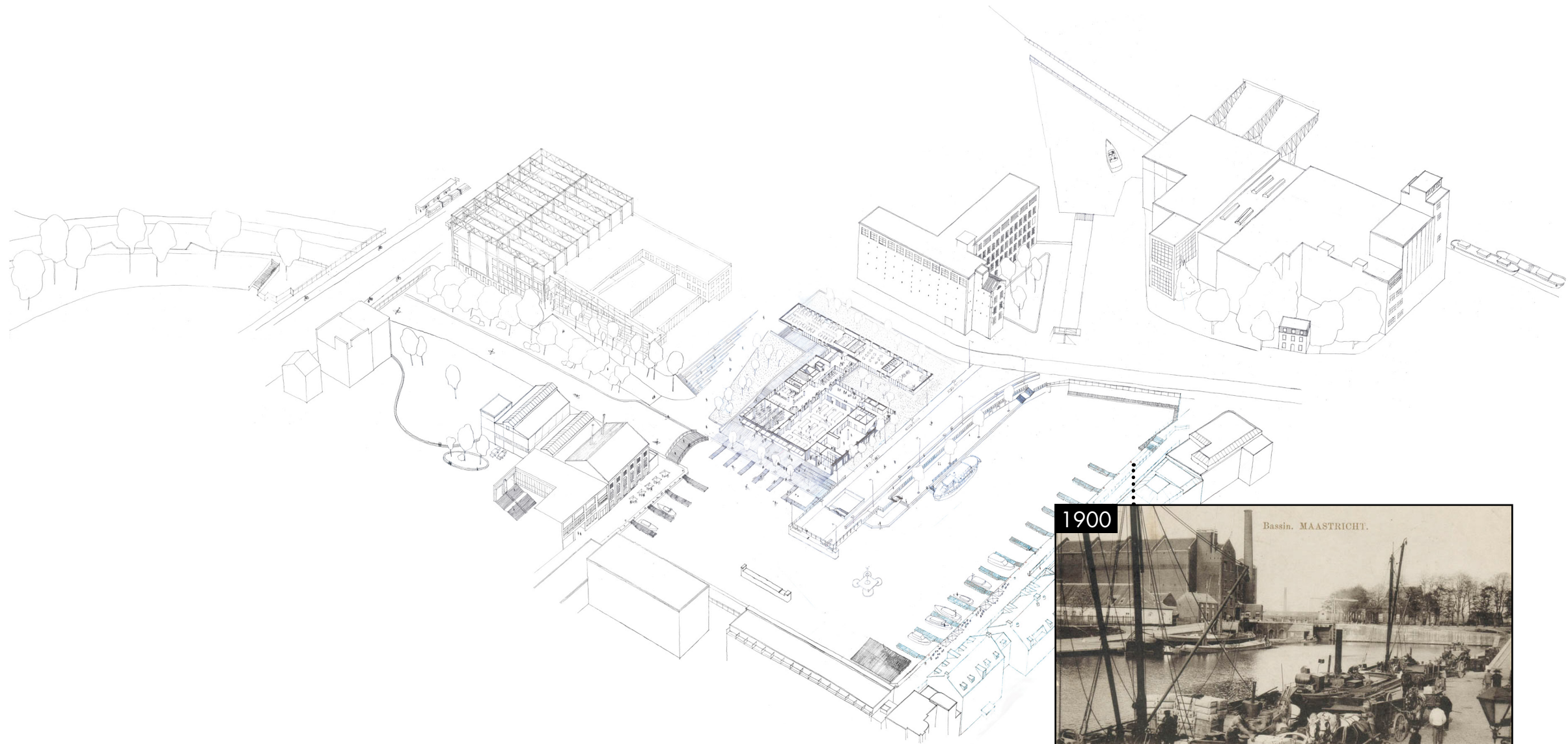


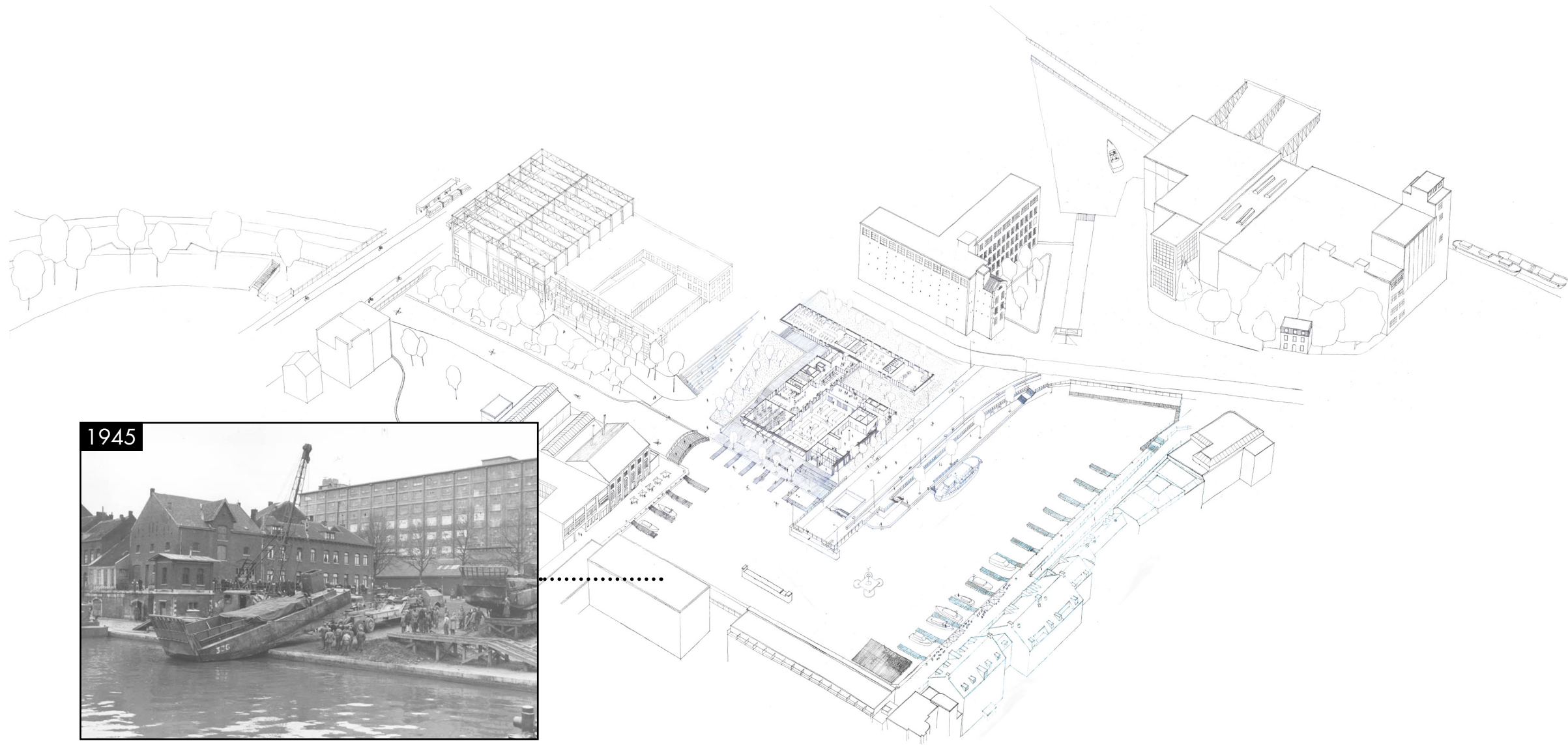








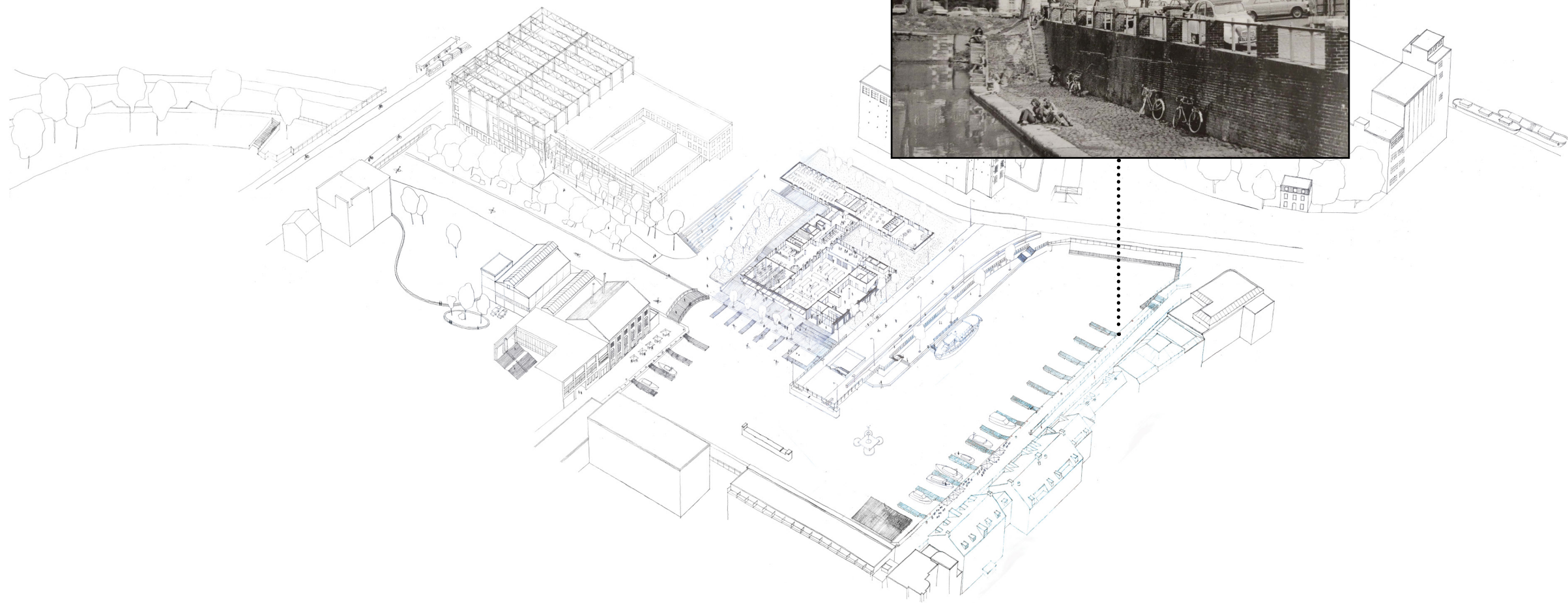


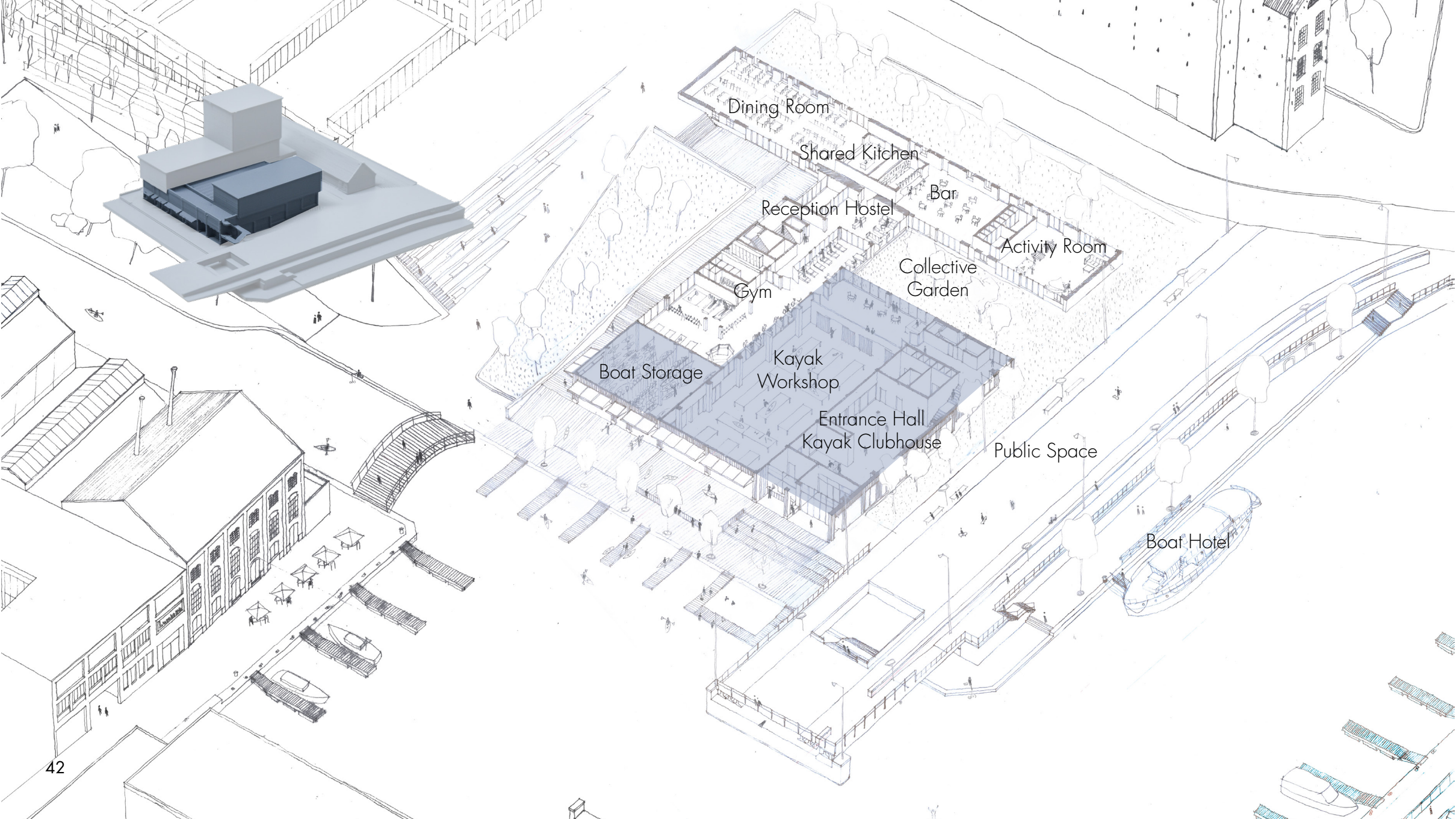


1945









Dining Room

Shared Kitchen

Bar

Reception Hostel

Activity Room

Collective Garden

Gym

Boat Storage

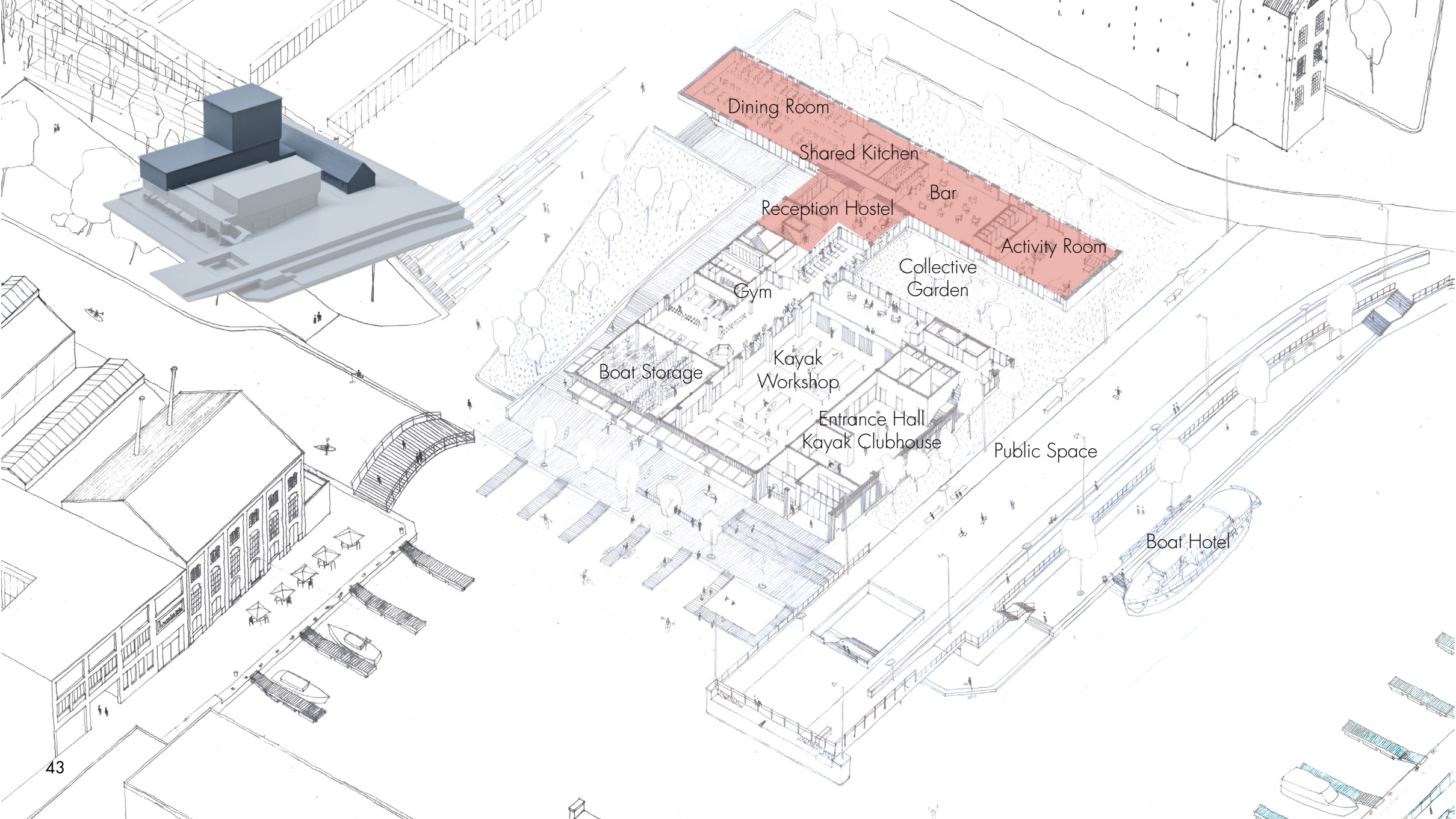
Kayak Workshop

Entrance Hall  
Kayak Clubhouse

Public Space

Boat Hotel





Dining Room

Shared Kitchen

Reception Hostel

Bar

Activity Room

Collective Garden

Gym

Boat Storage

Kayak Workshop

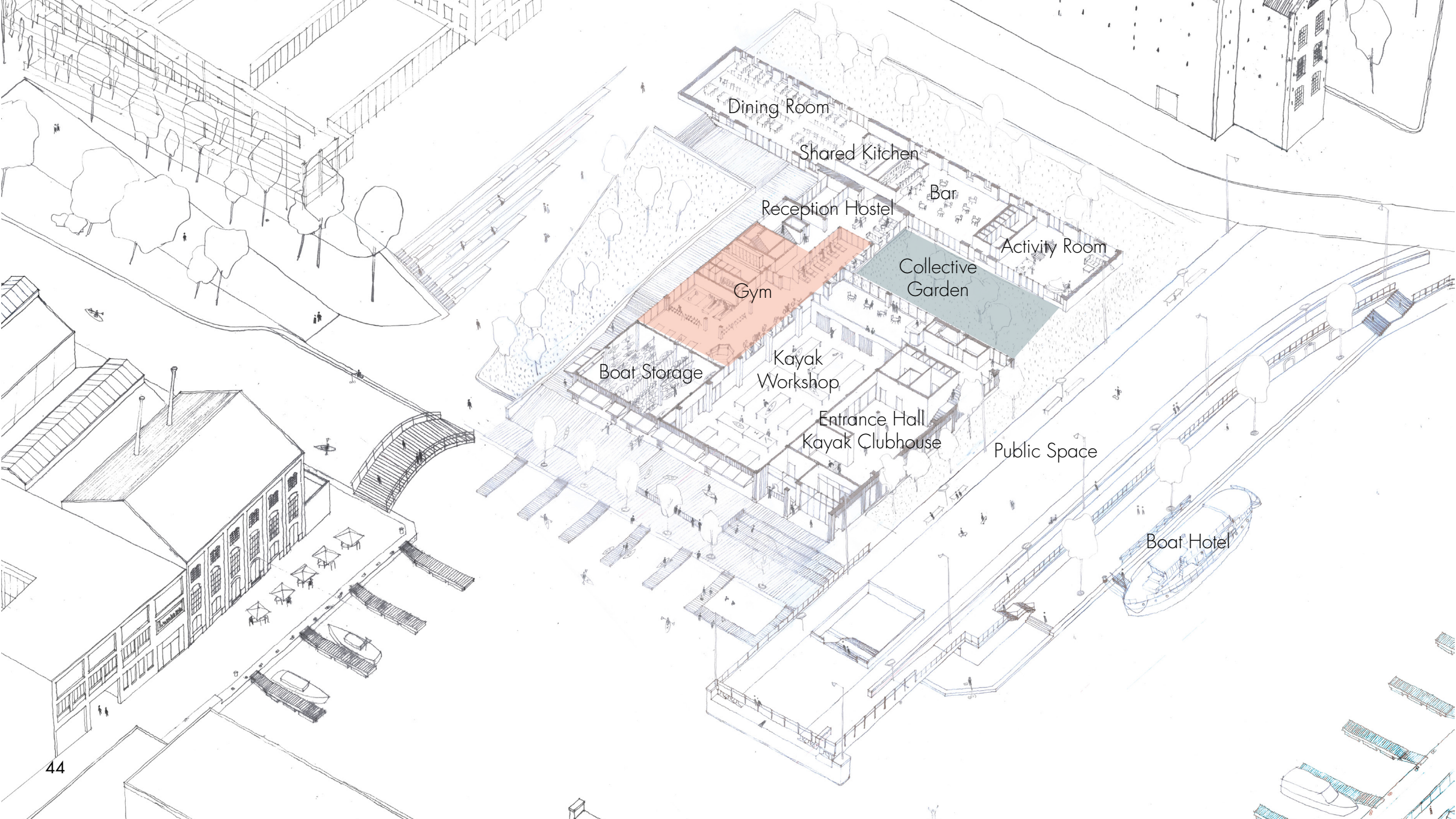
Entrance Hall

Kayak Clubhouse

Public Space

Boat Hotel





Dining Room

Shared Kitchen

Bar

Reception Hostel

Activity Room

Collective Garden

Gym

Boat Storage

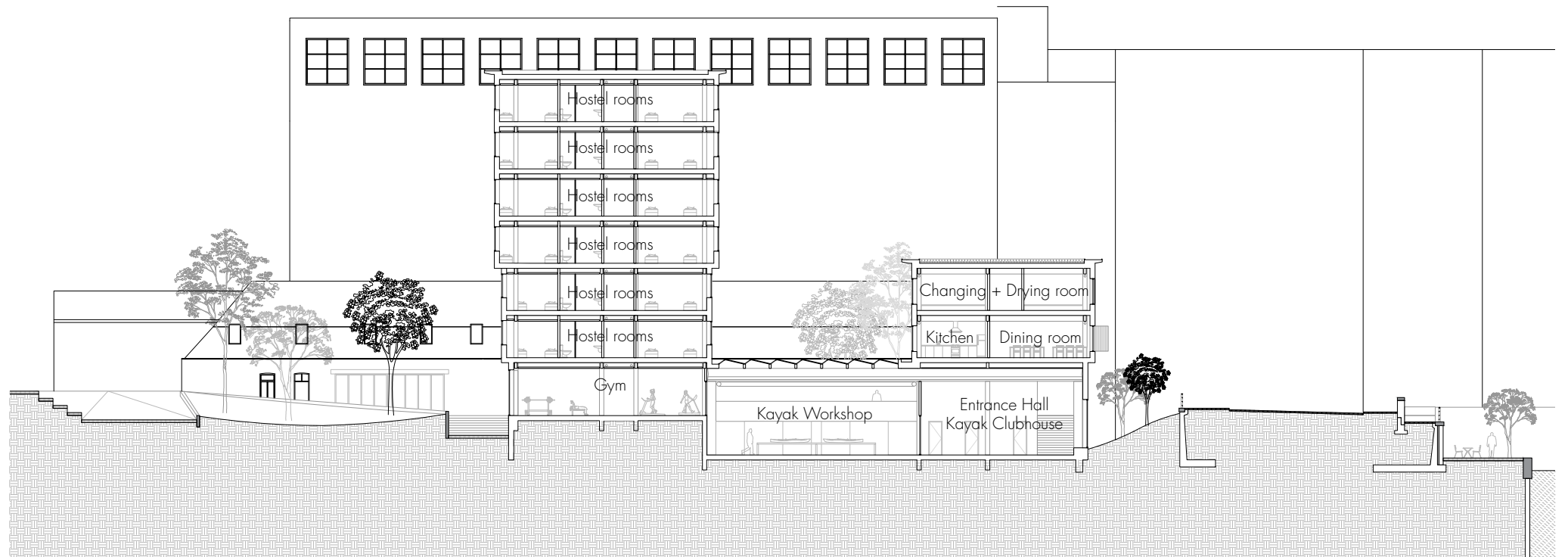
Kayak Workshop

Entrance Hall

Kayak Clubhouse

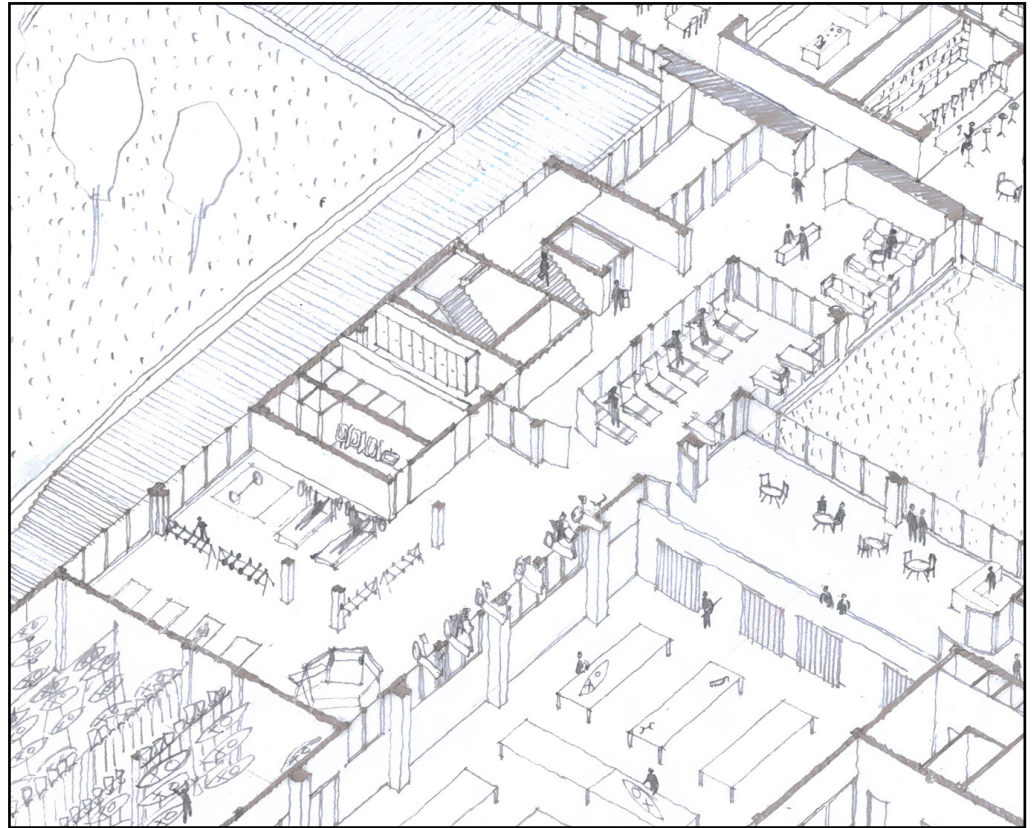
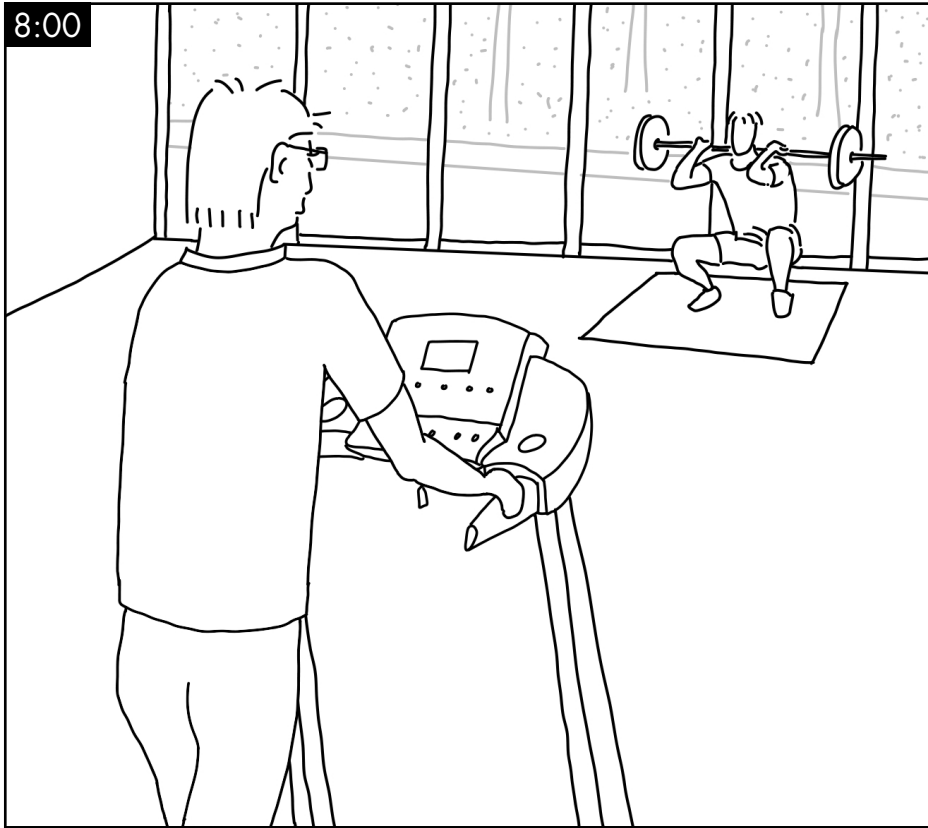
Public Space

Boat Hotel



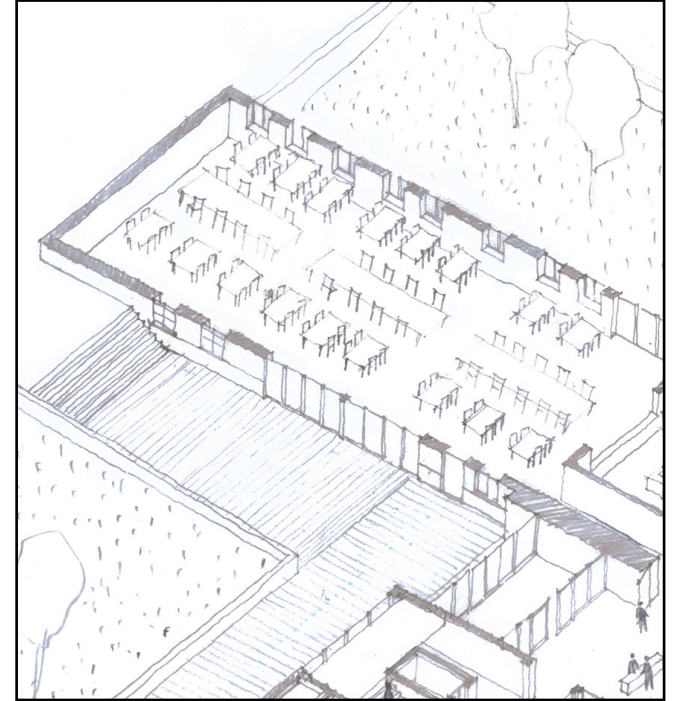
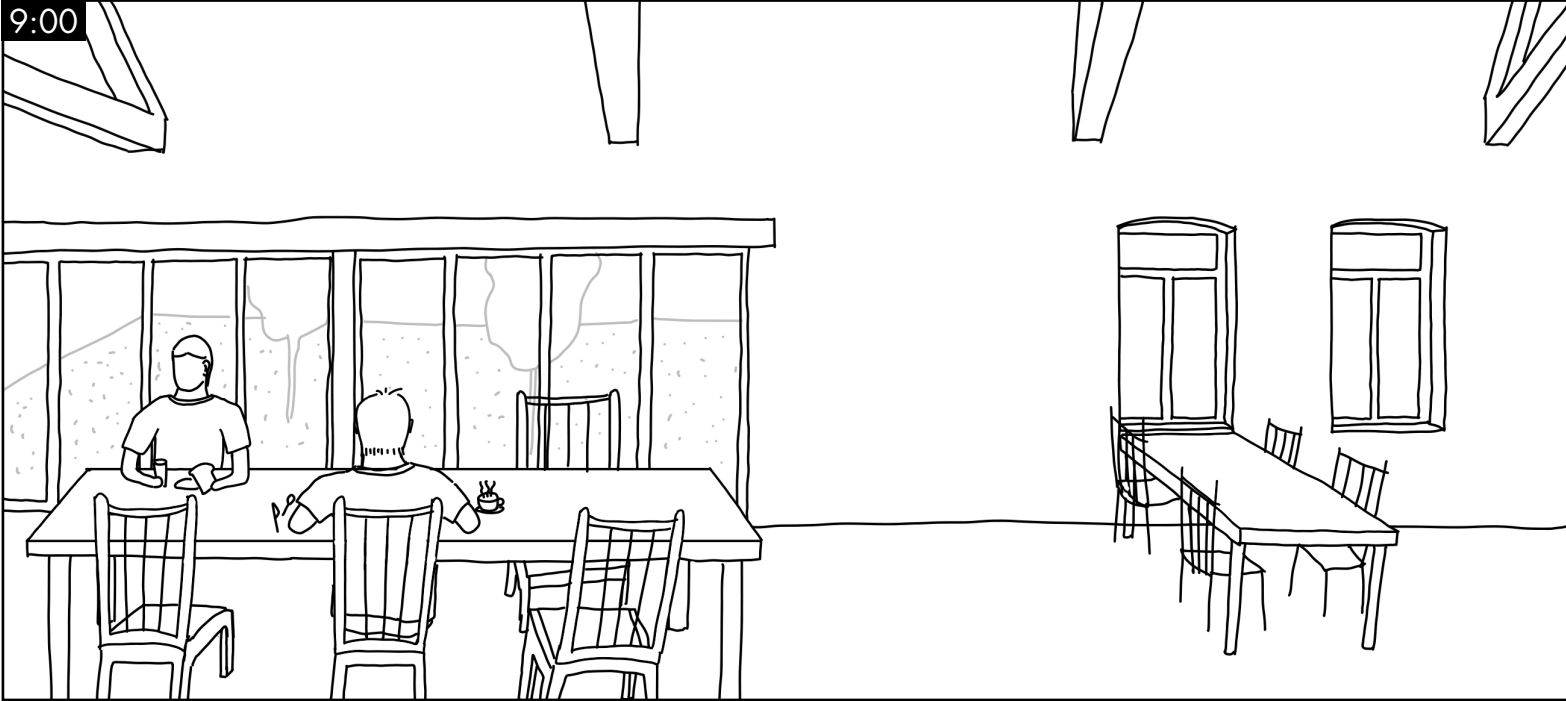


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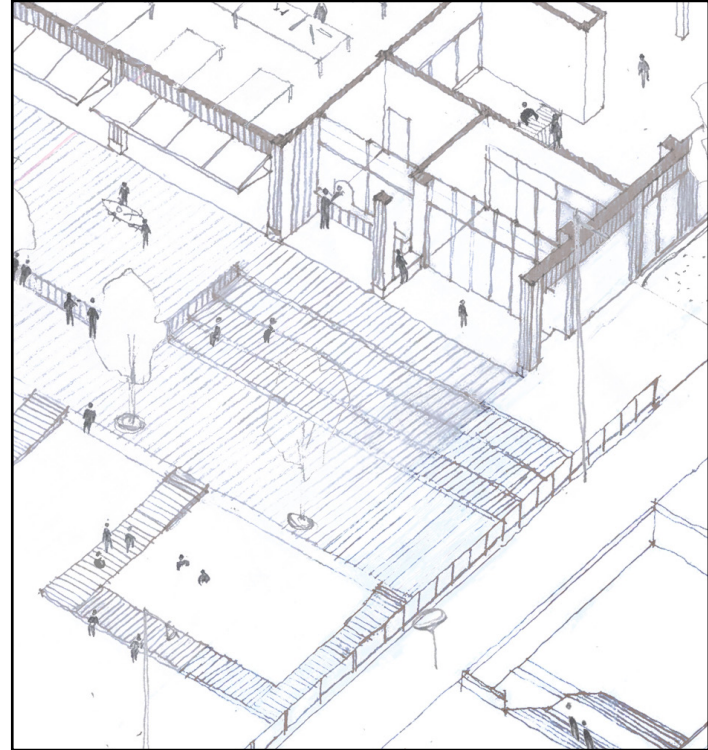


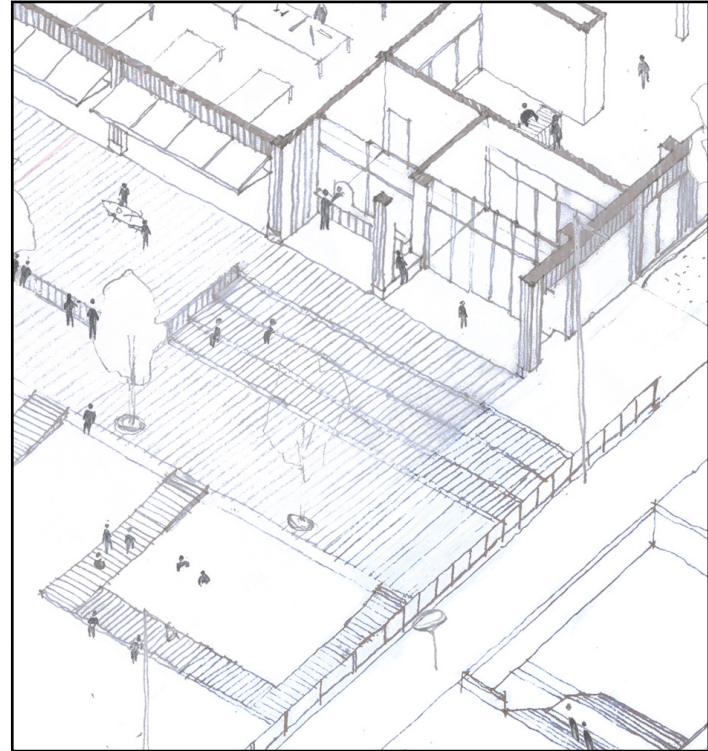


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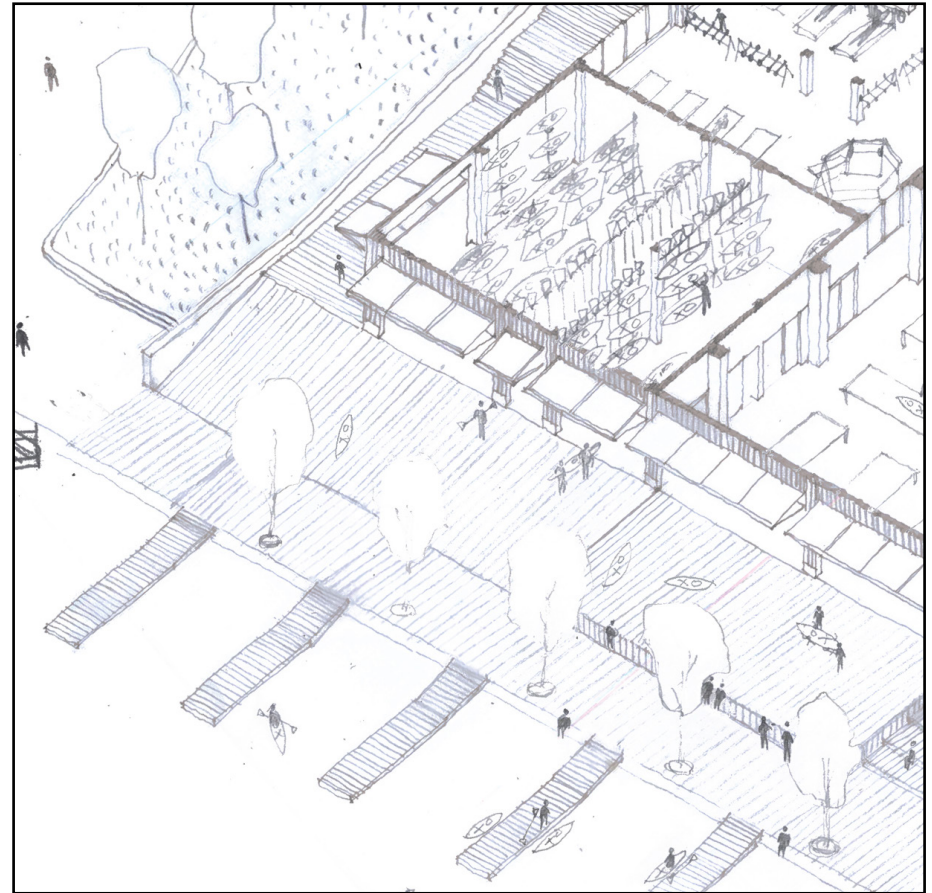
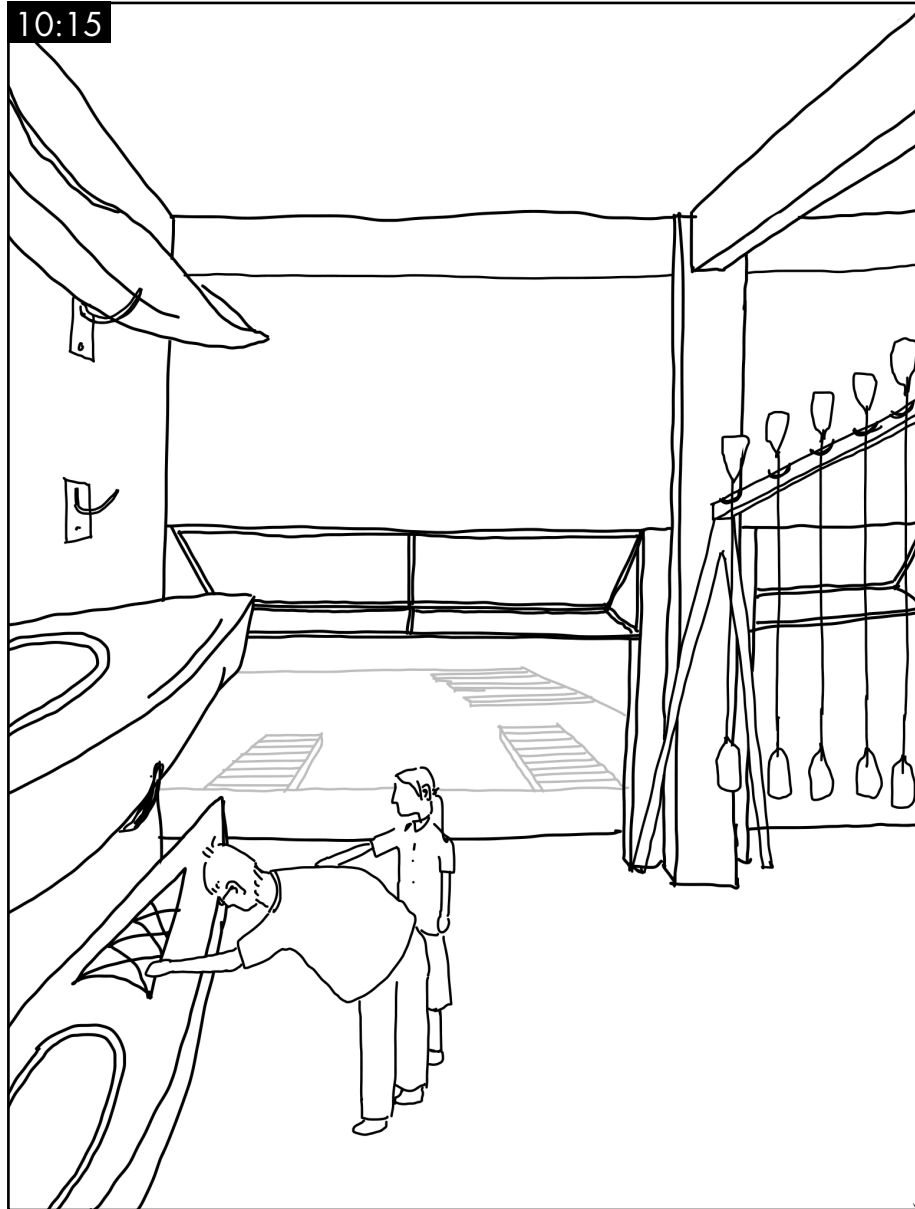
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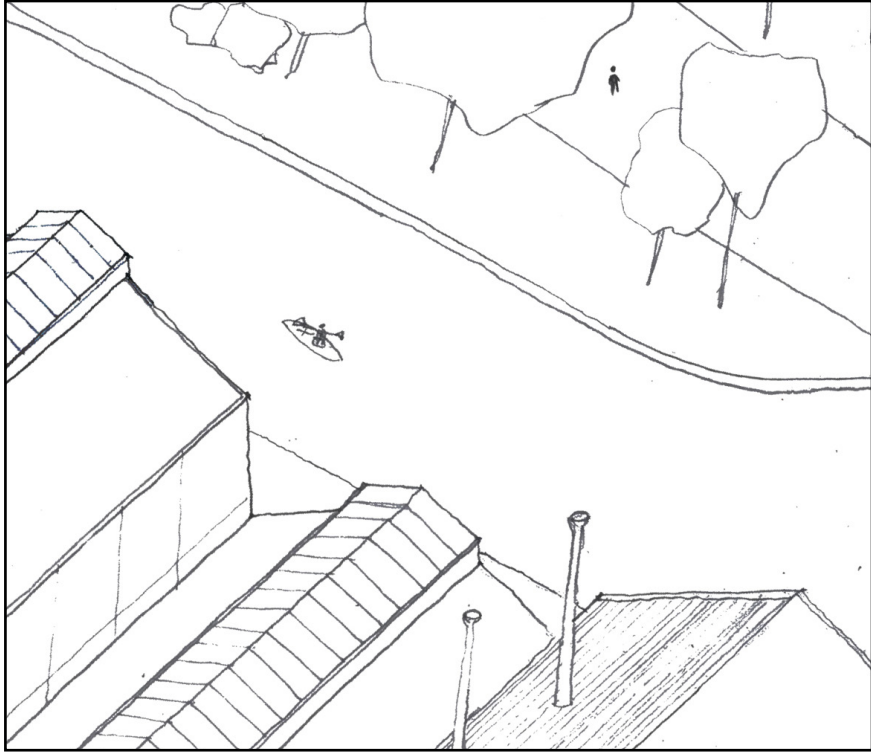
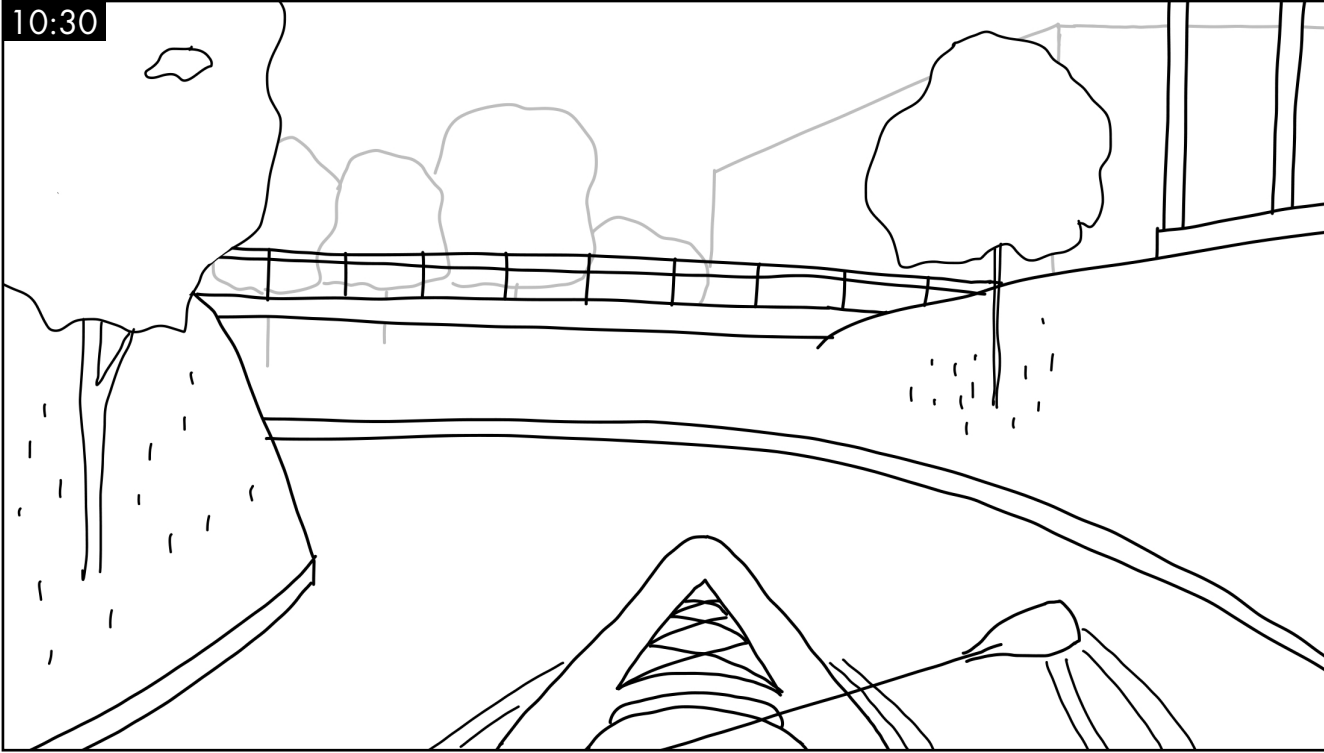




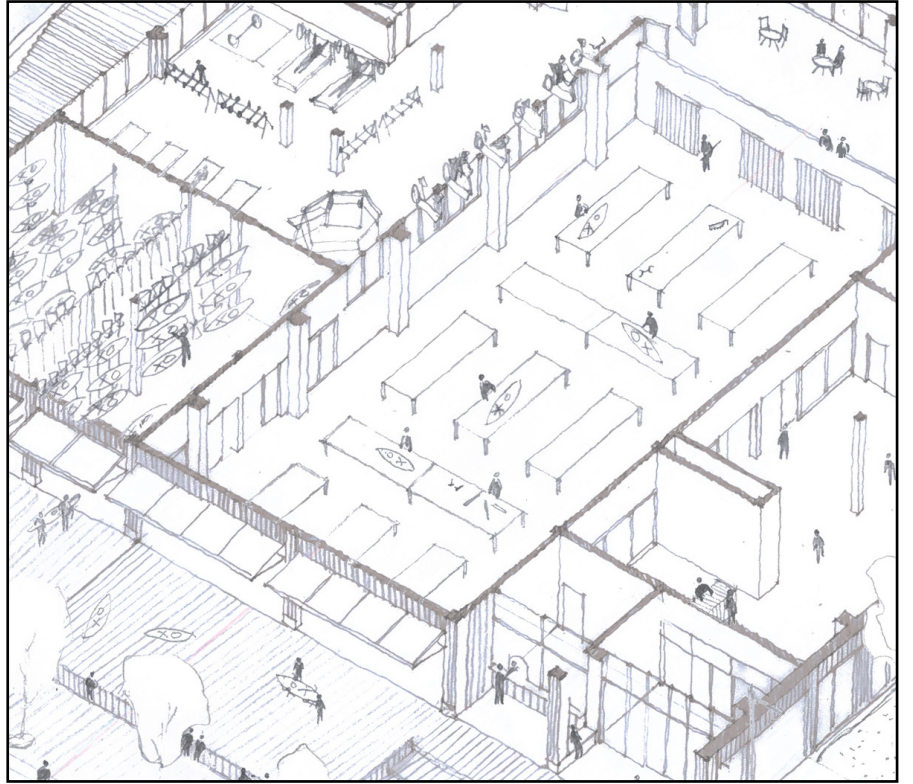
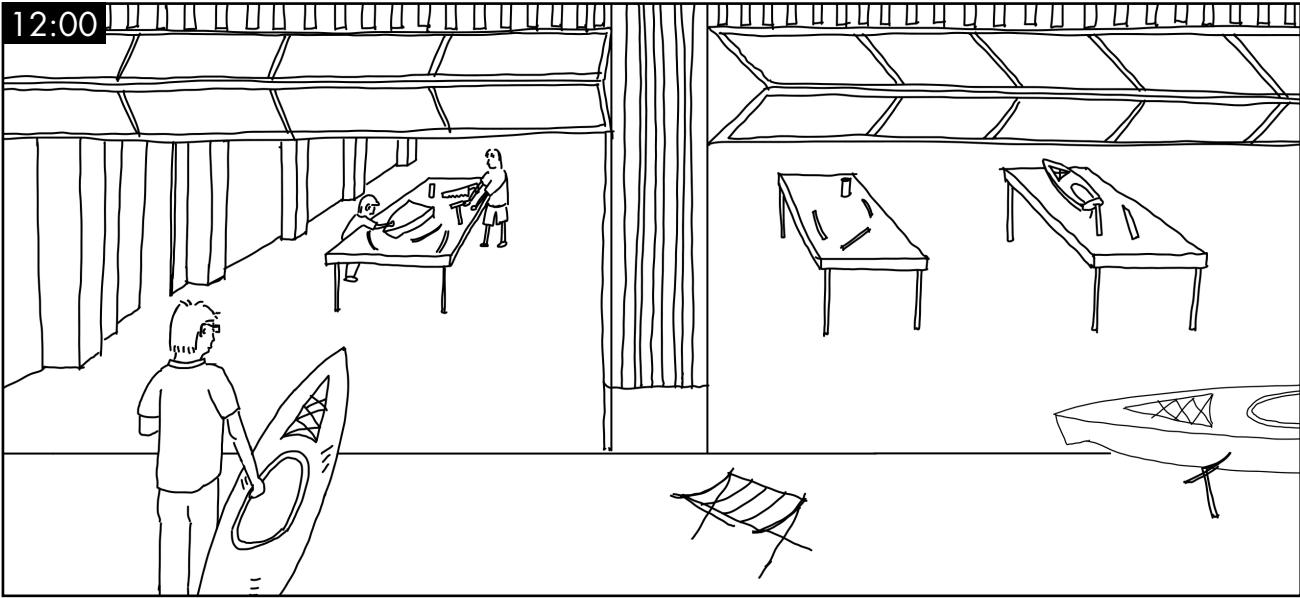
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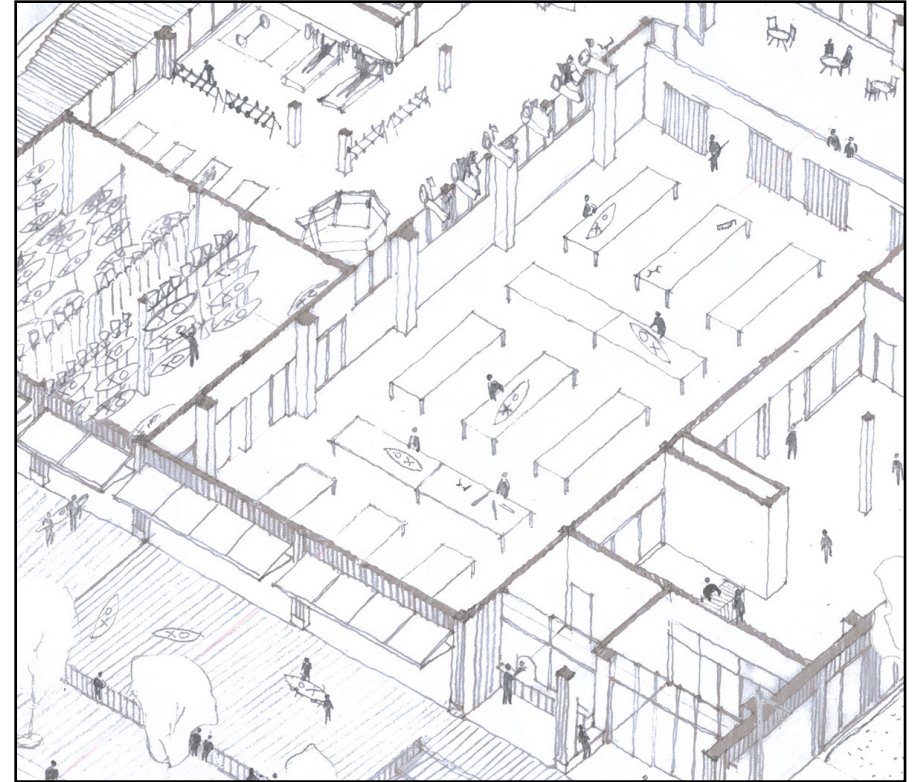
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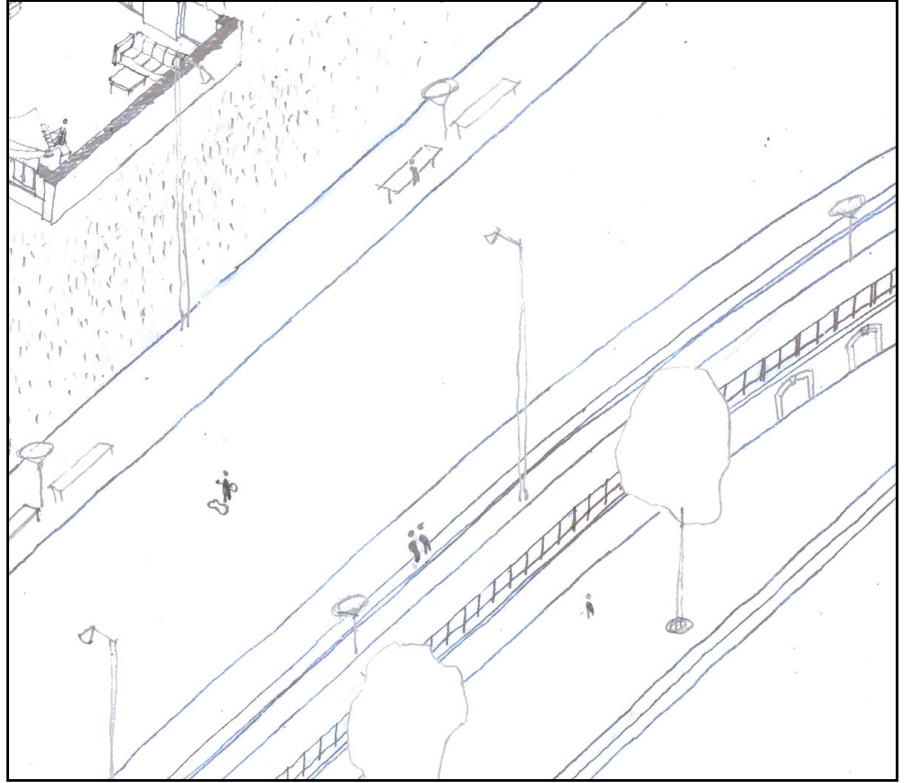
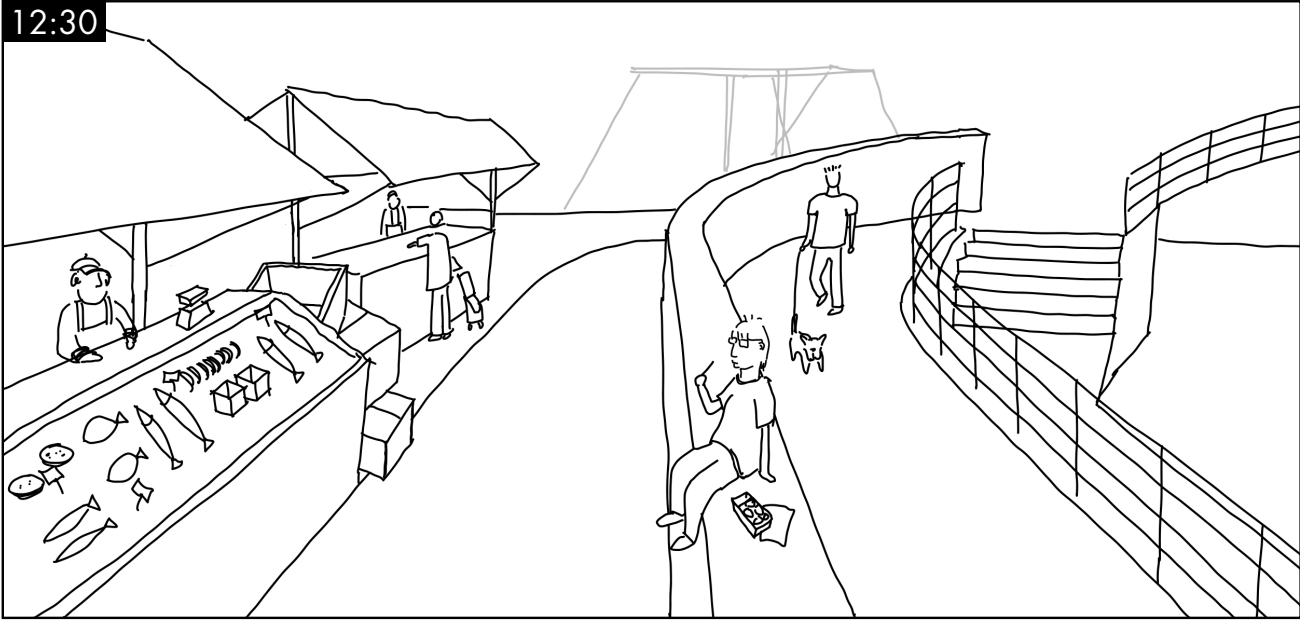
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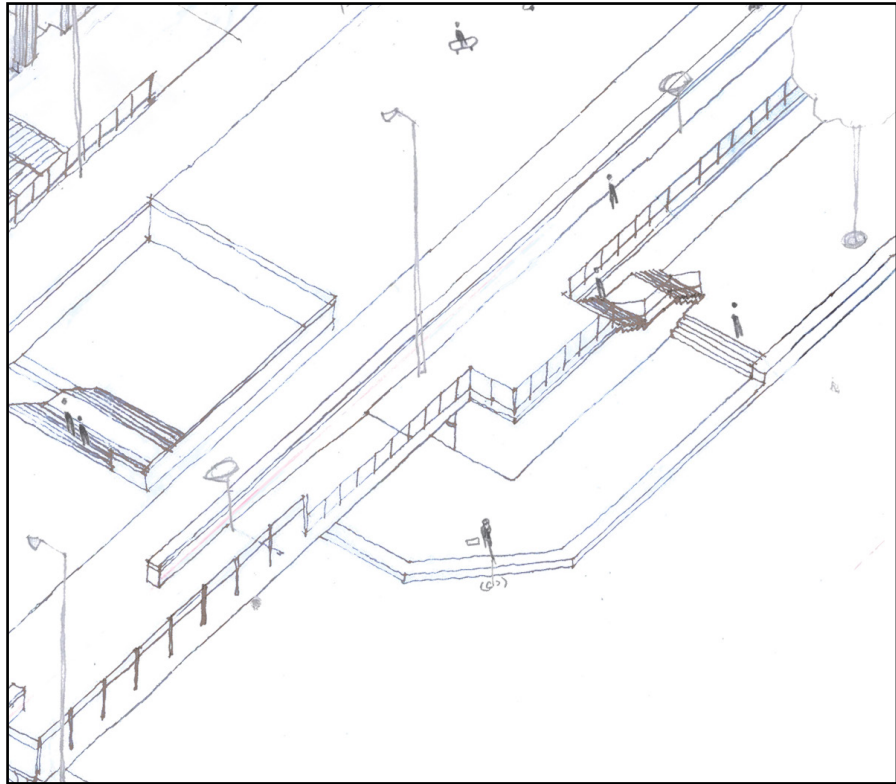
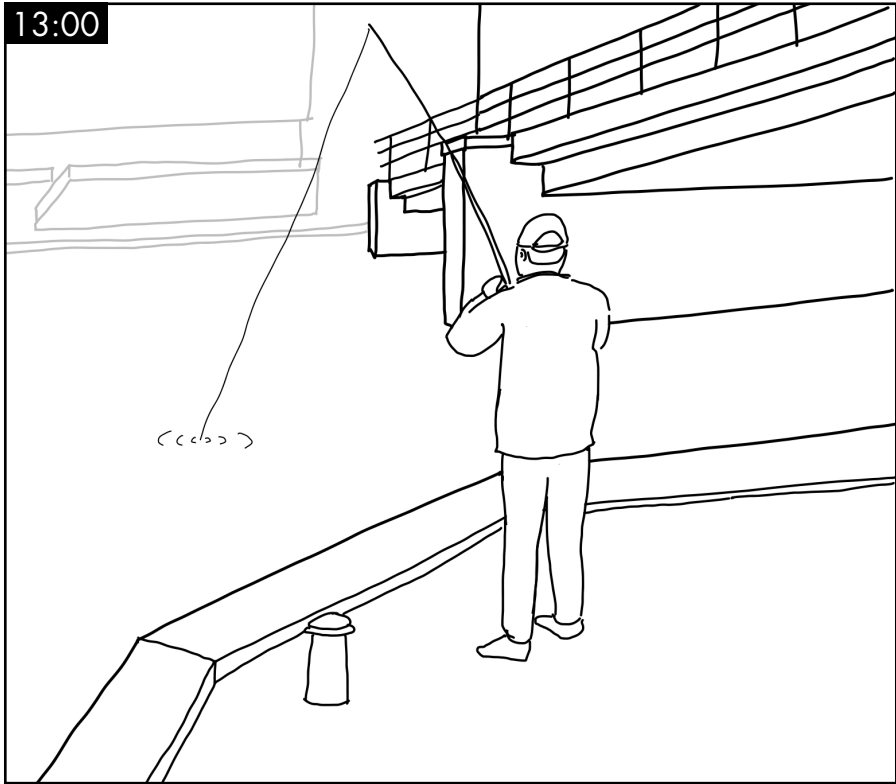




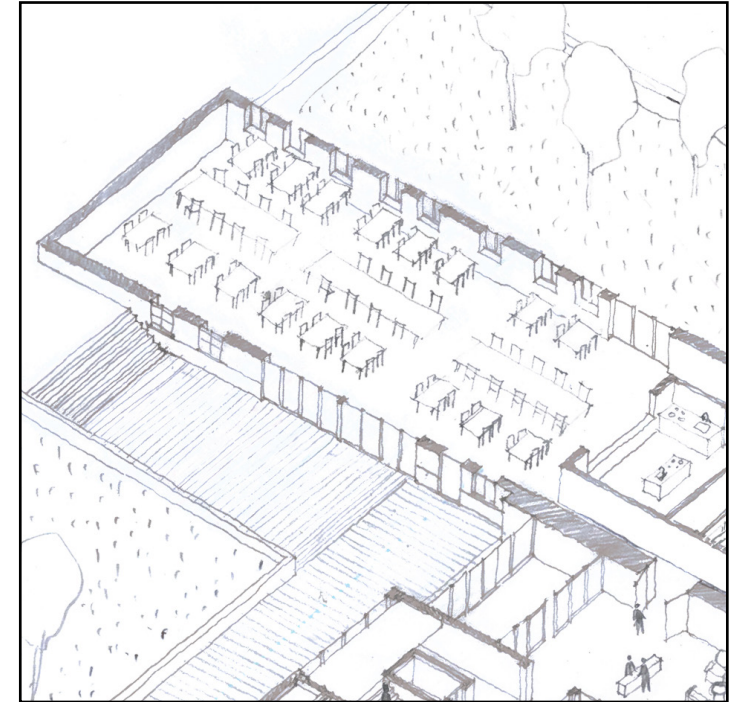
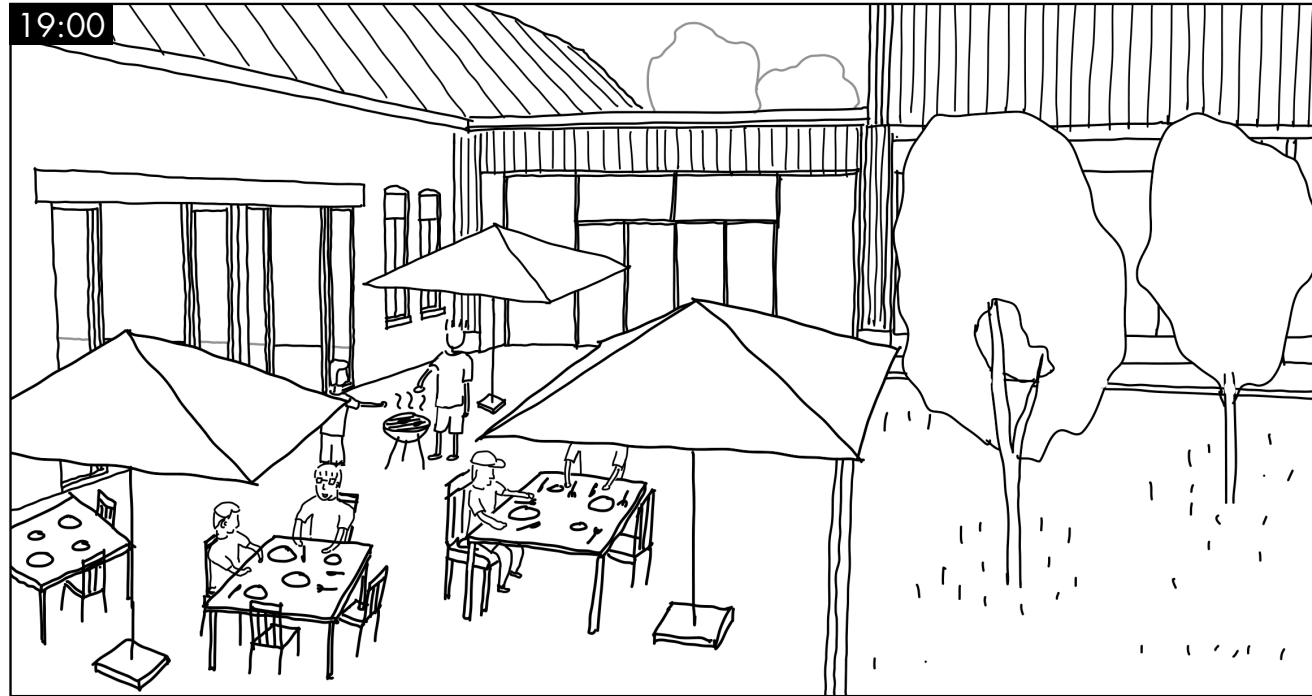
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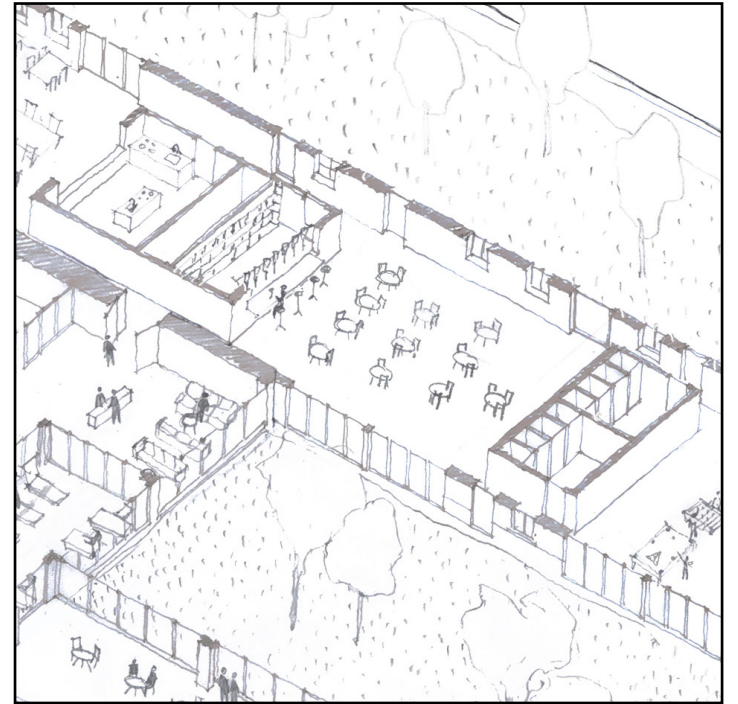
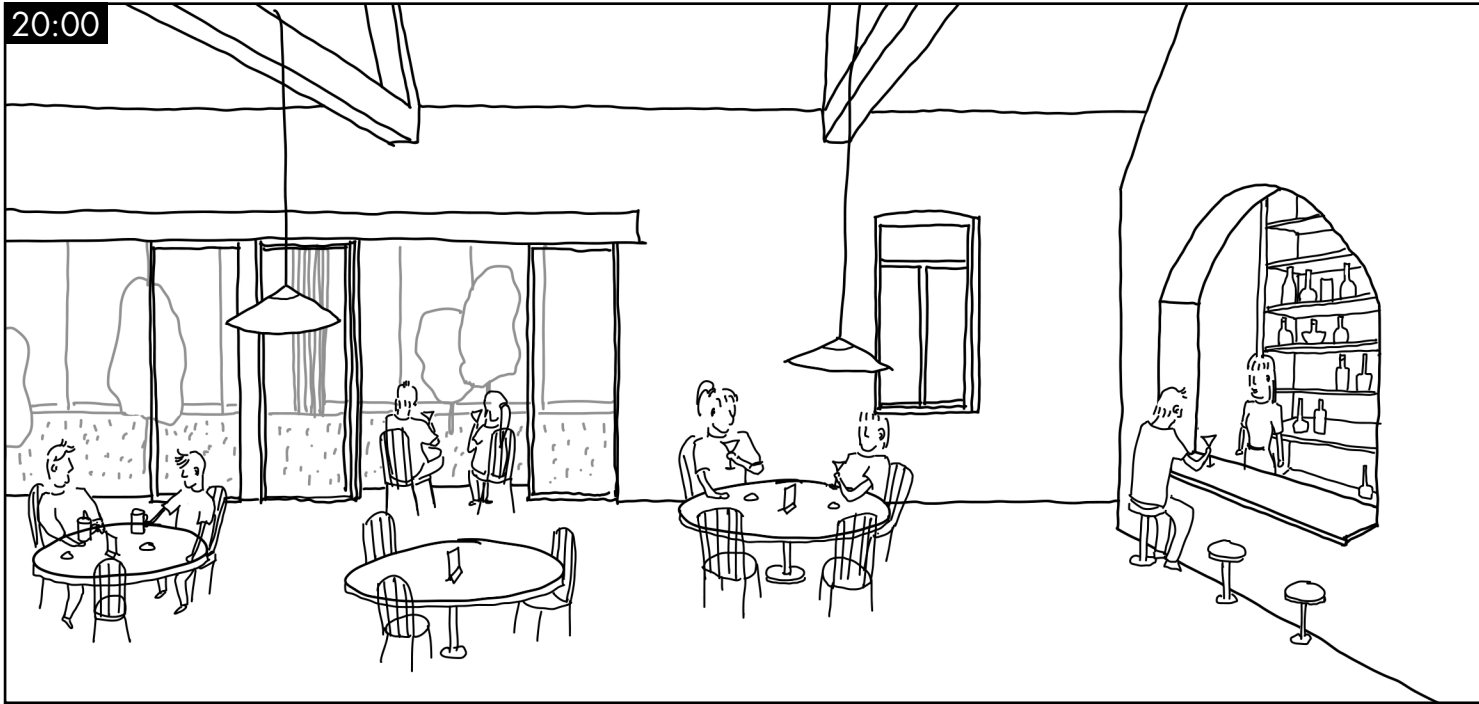
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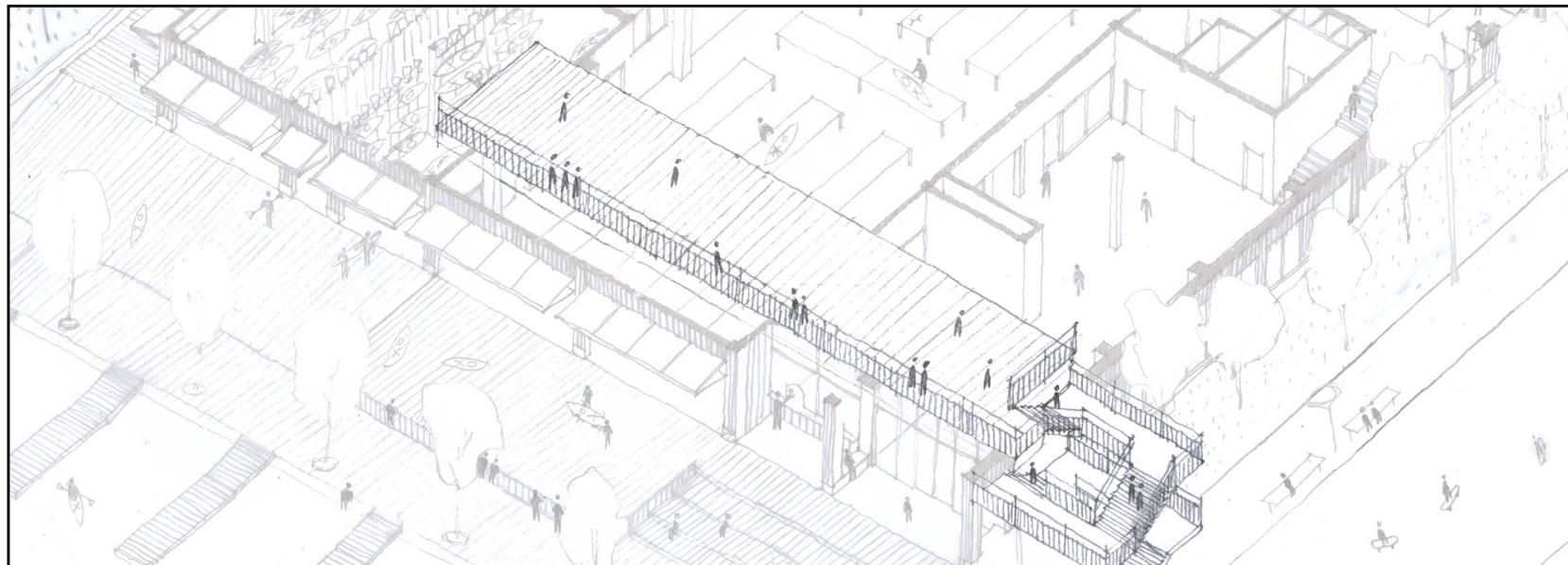
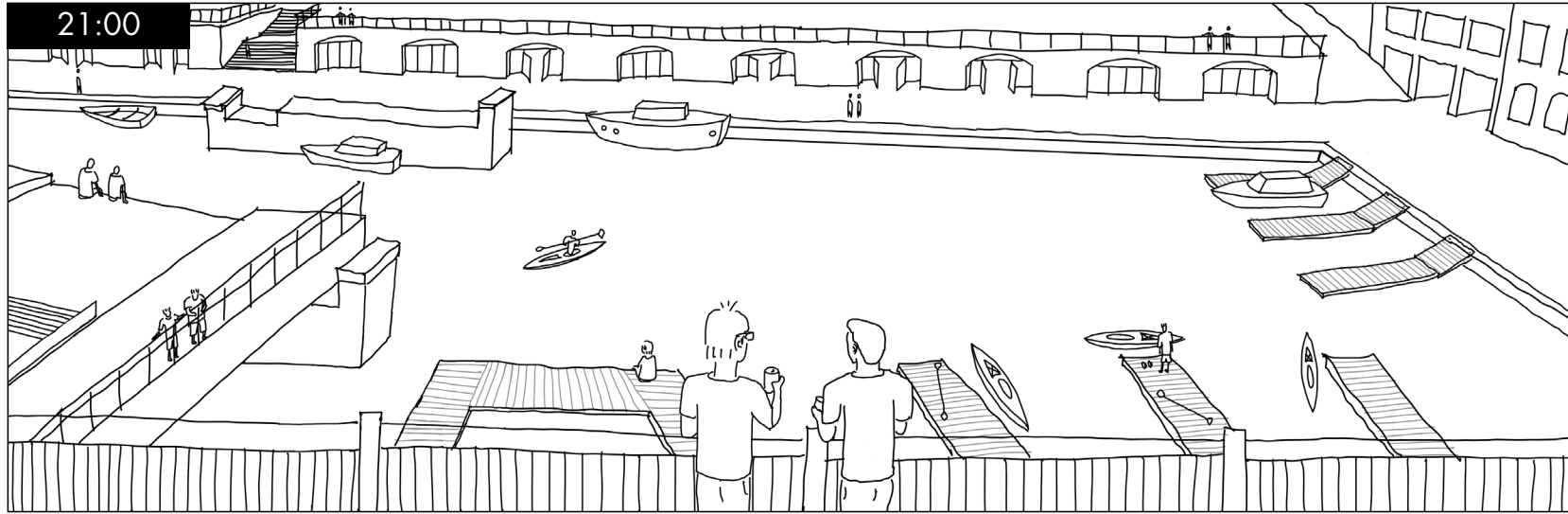




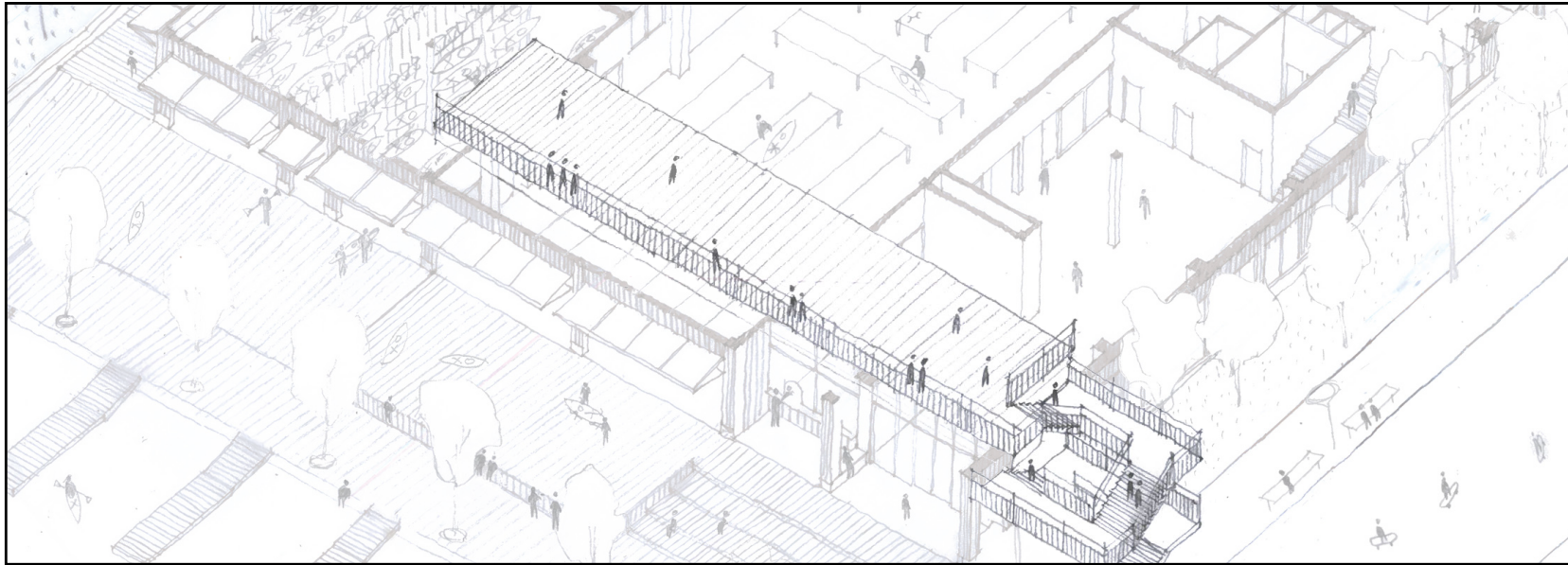


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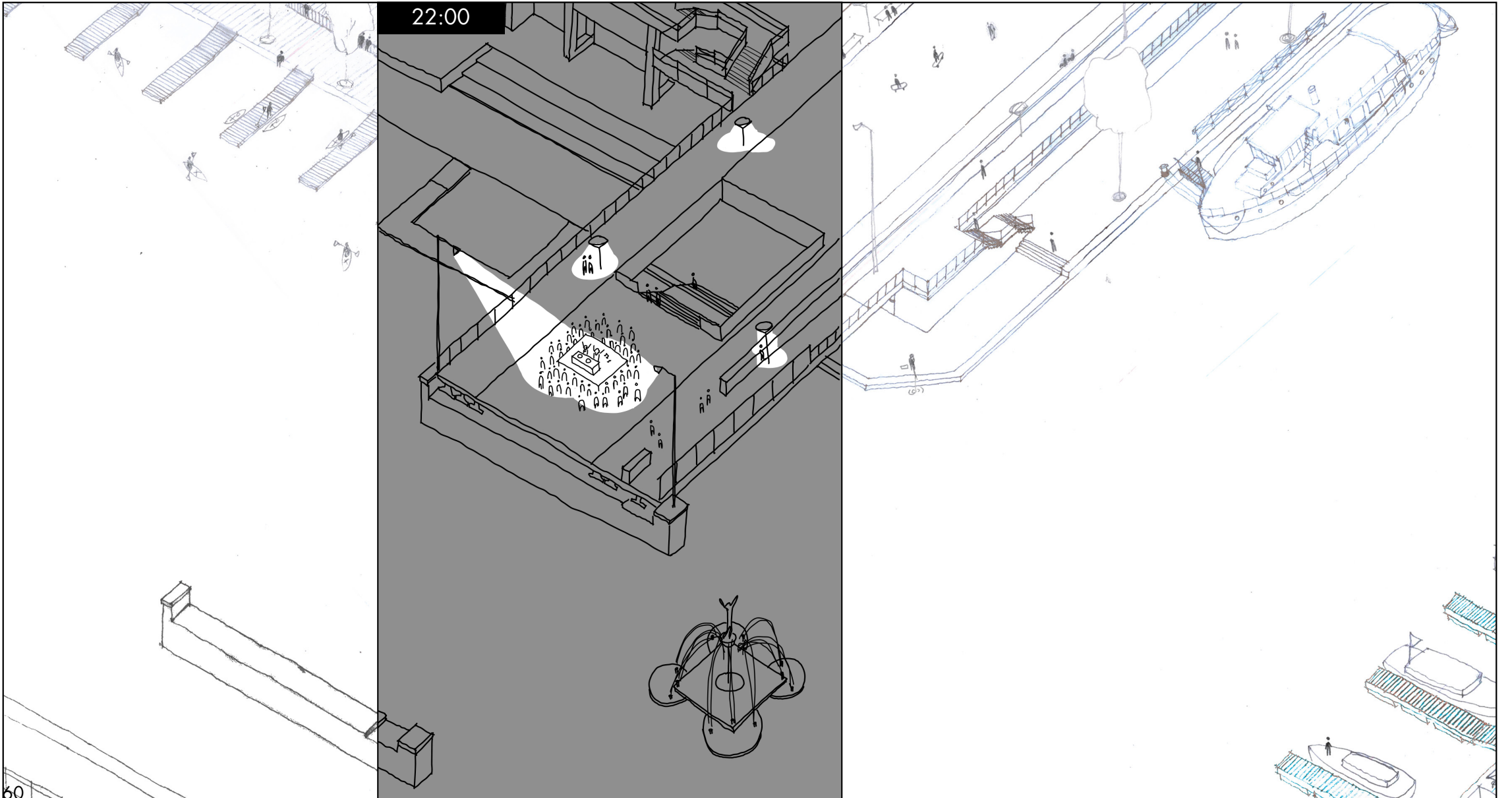








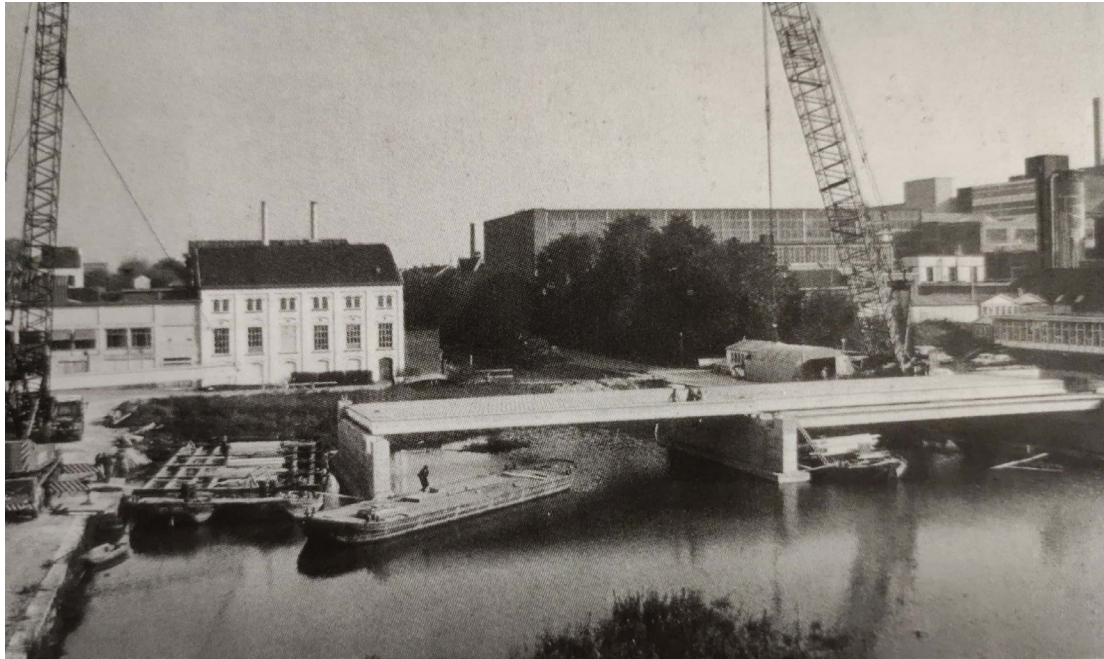
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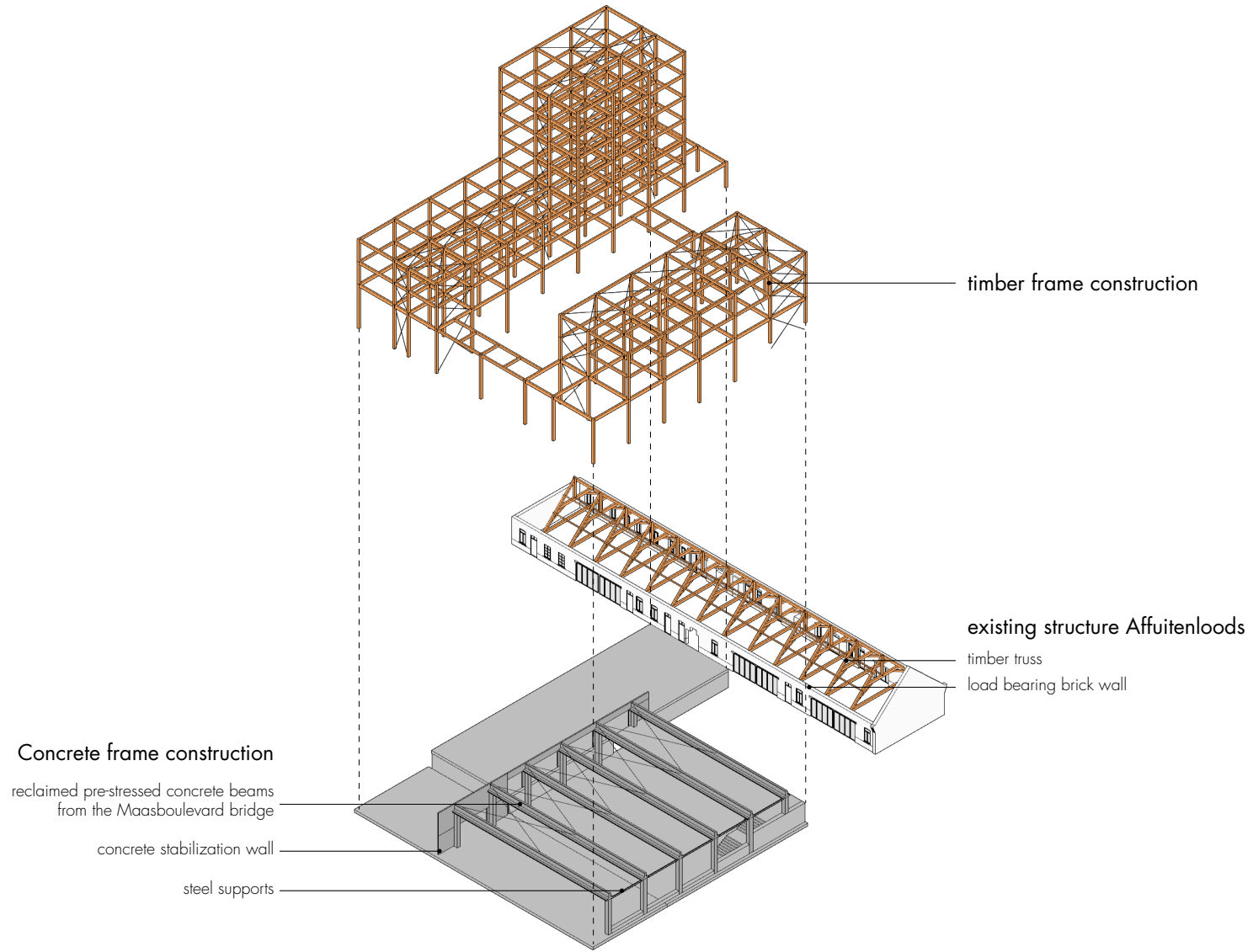
# **05** Detailing the Building Edge

## Material Proposal





Pre-stressed concrete beams of the Maasboulevard bridge

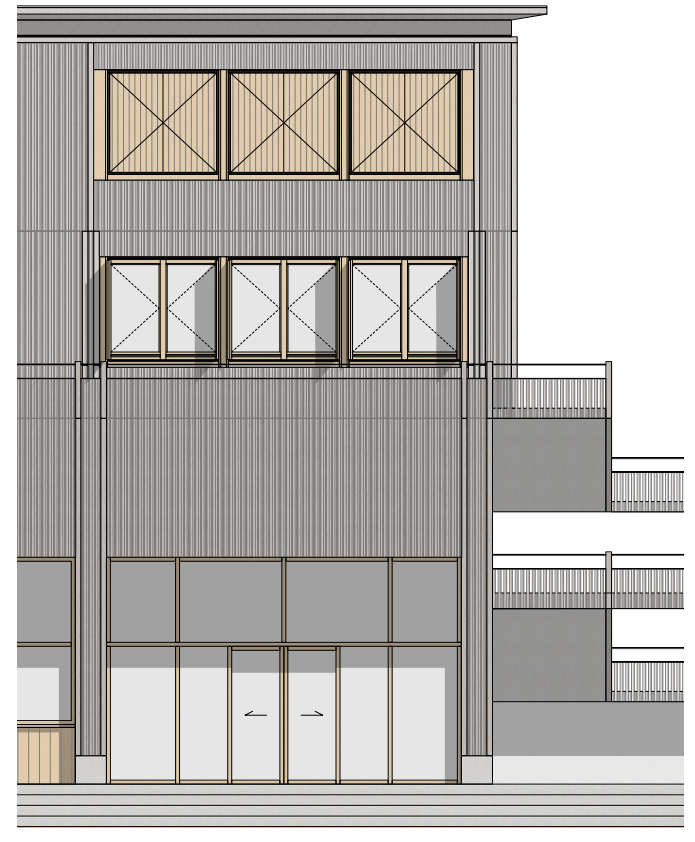
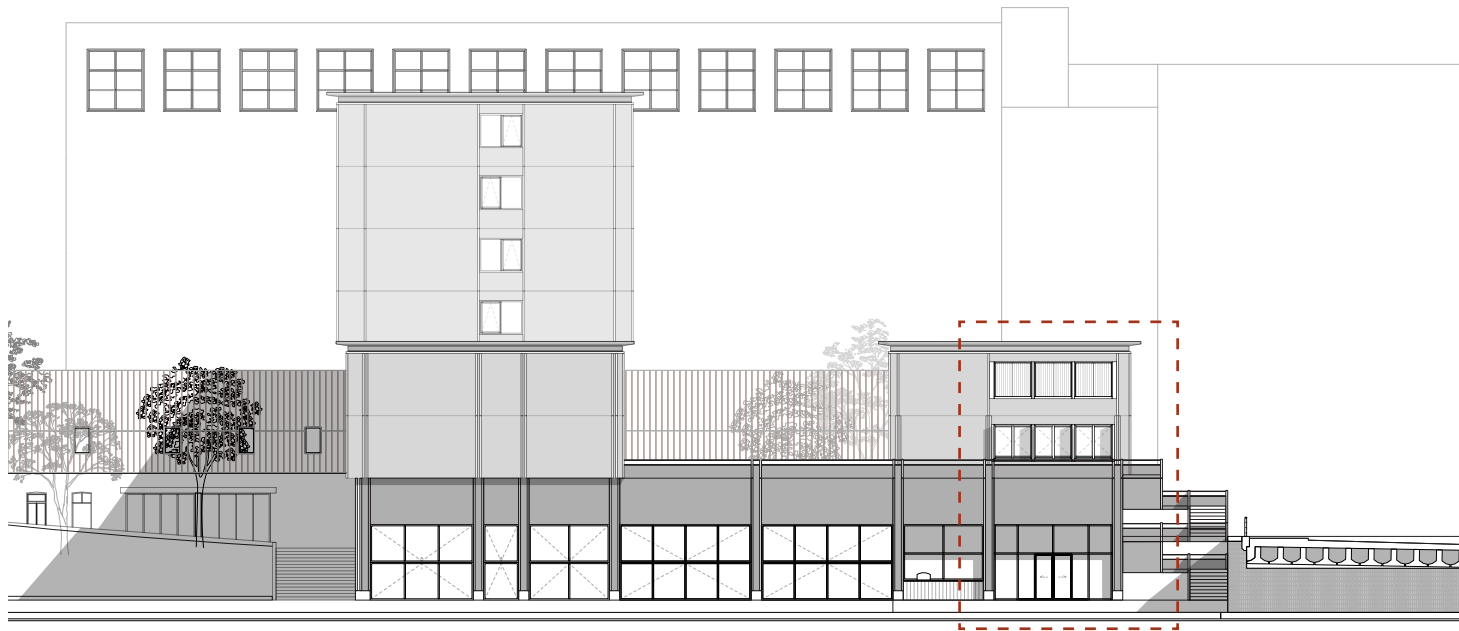


Structural diagram









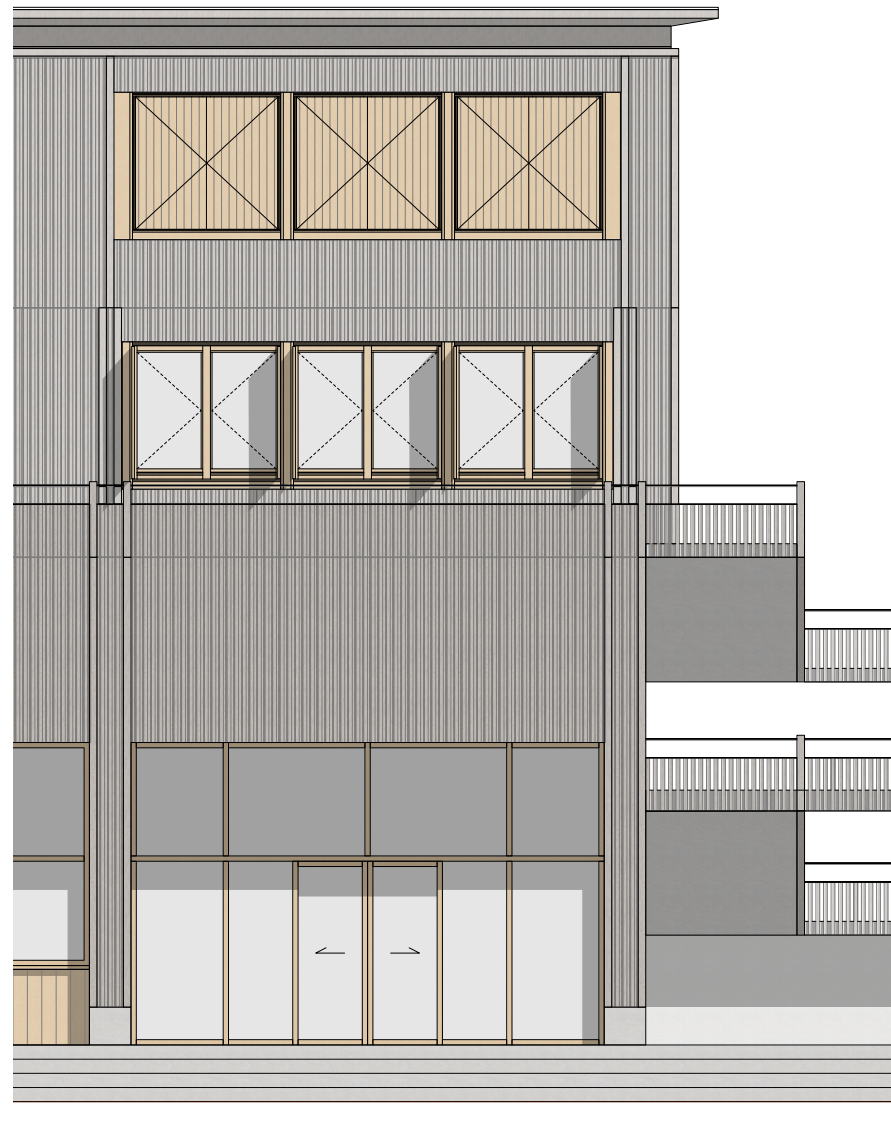




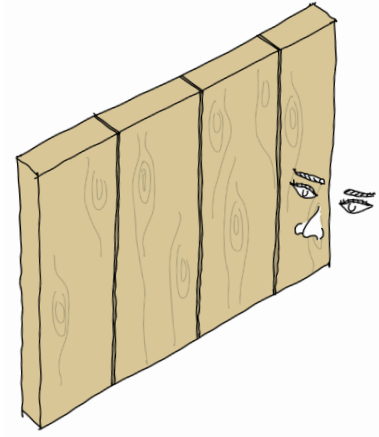
Pine



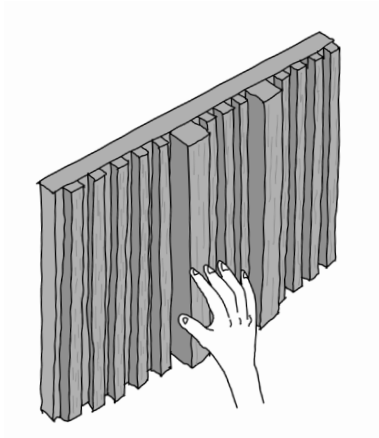
Pre-weathered larch



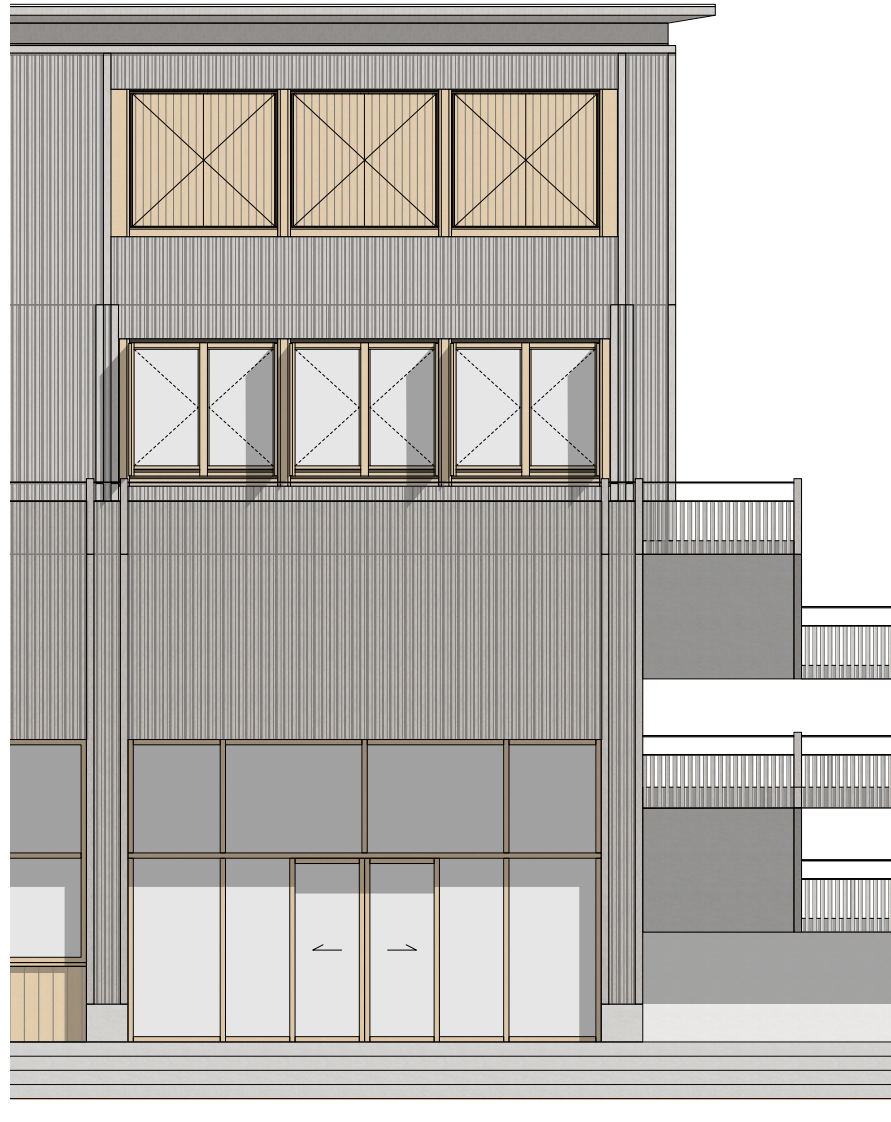


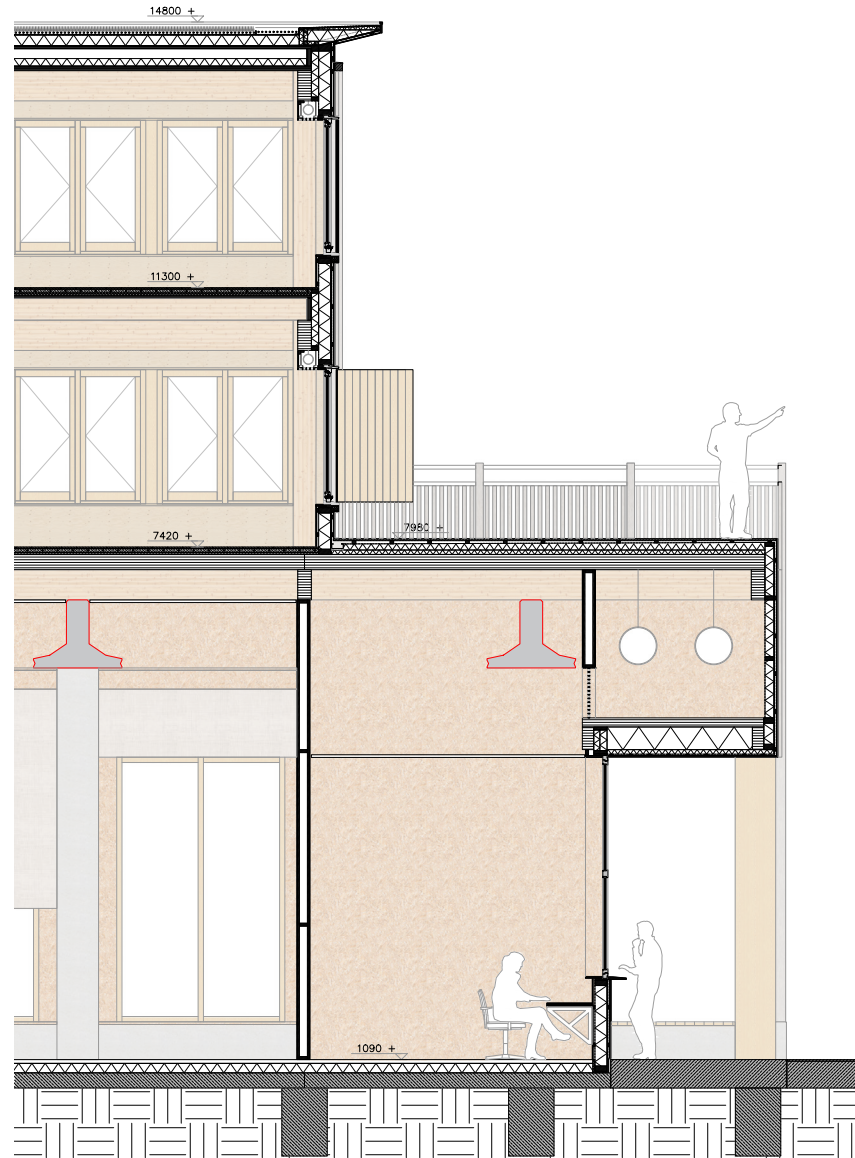
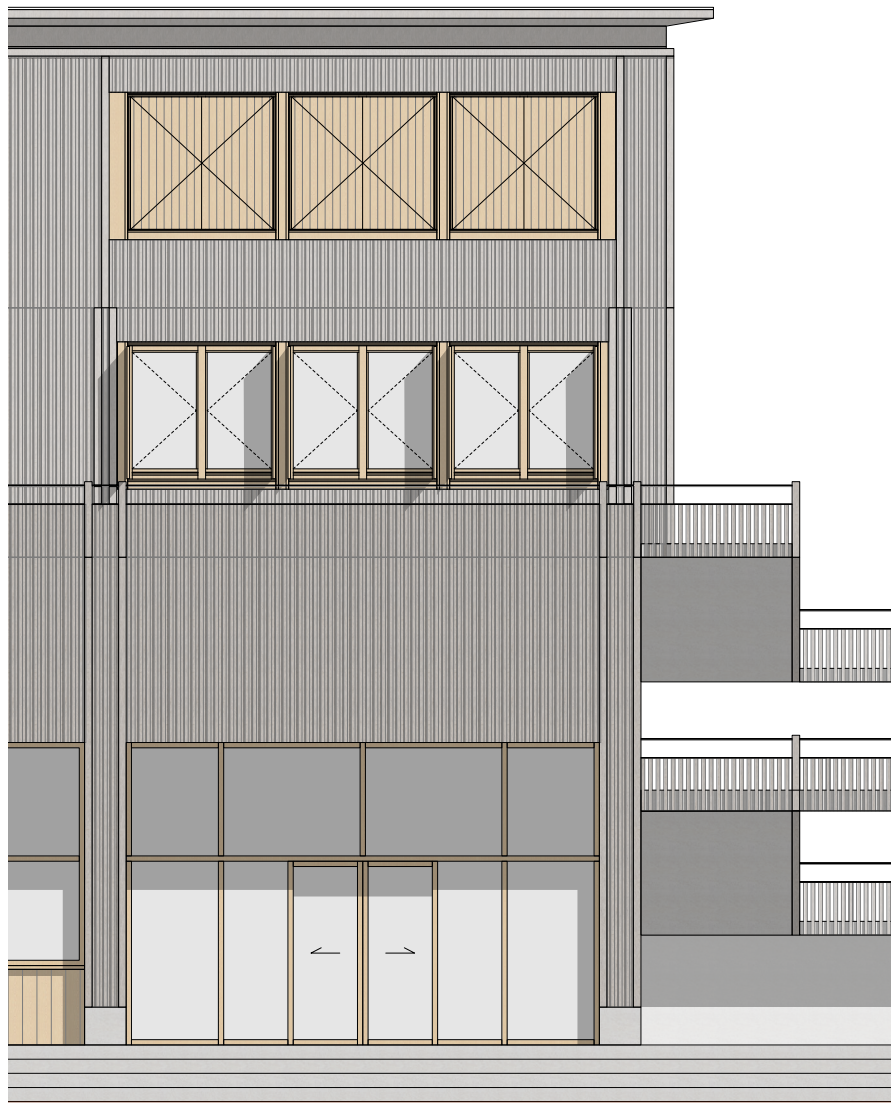


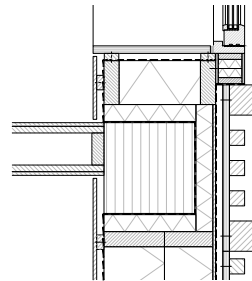
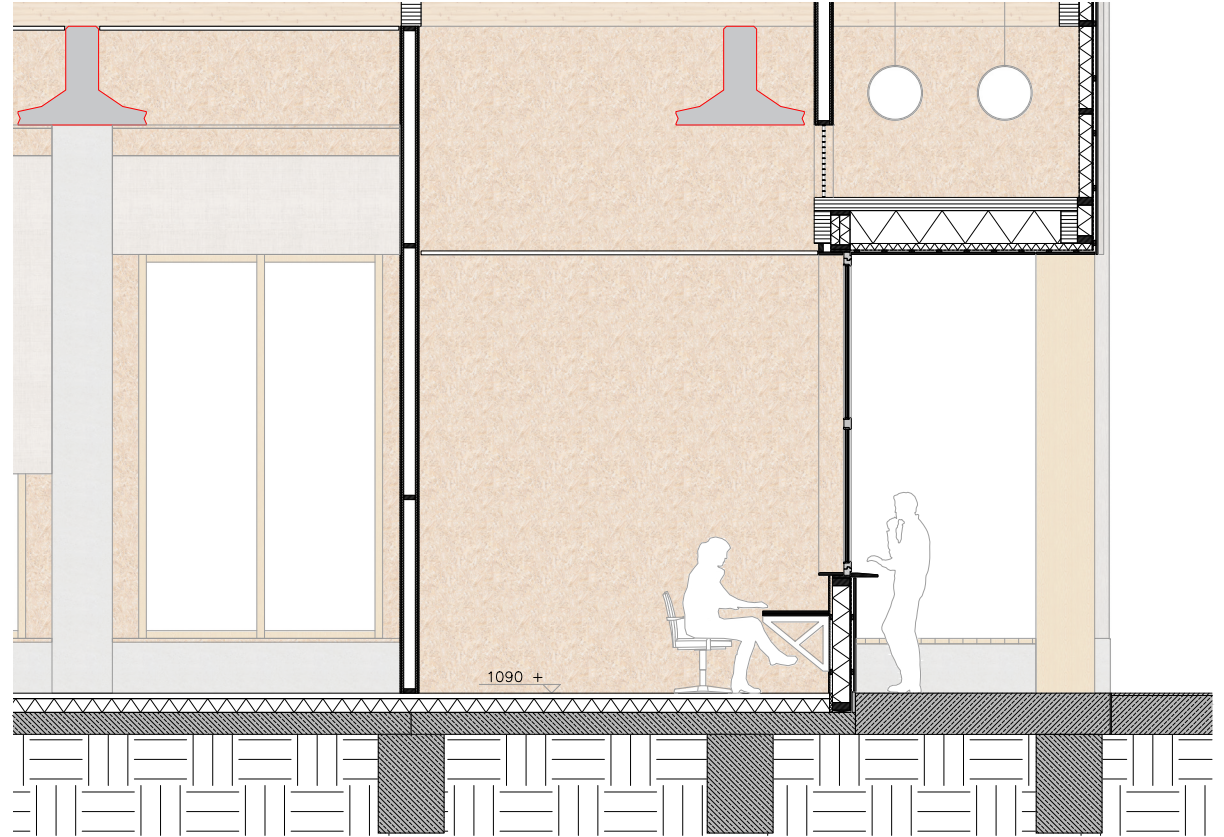
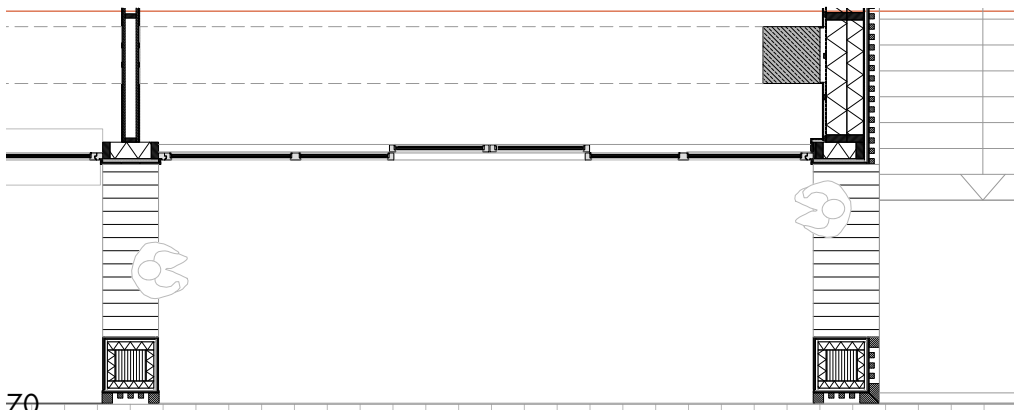
Visual + Olfactory



Tactile







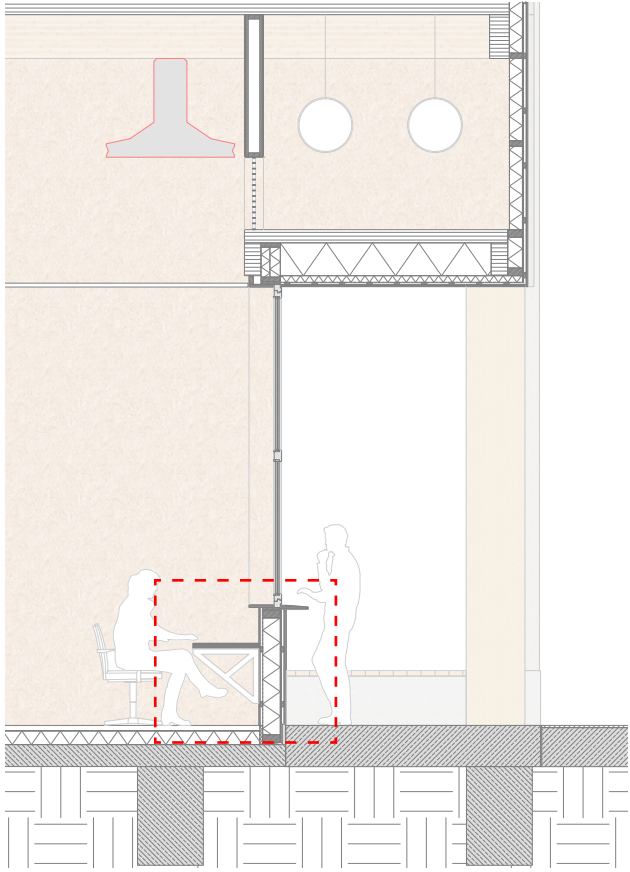
**Ground floor structure**

- 50mm concrete floor finishing
- 125mm insulation
- 200mm concrete slab

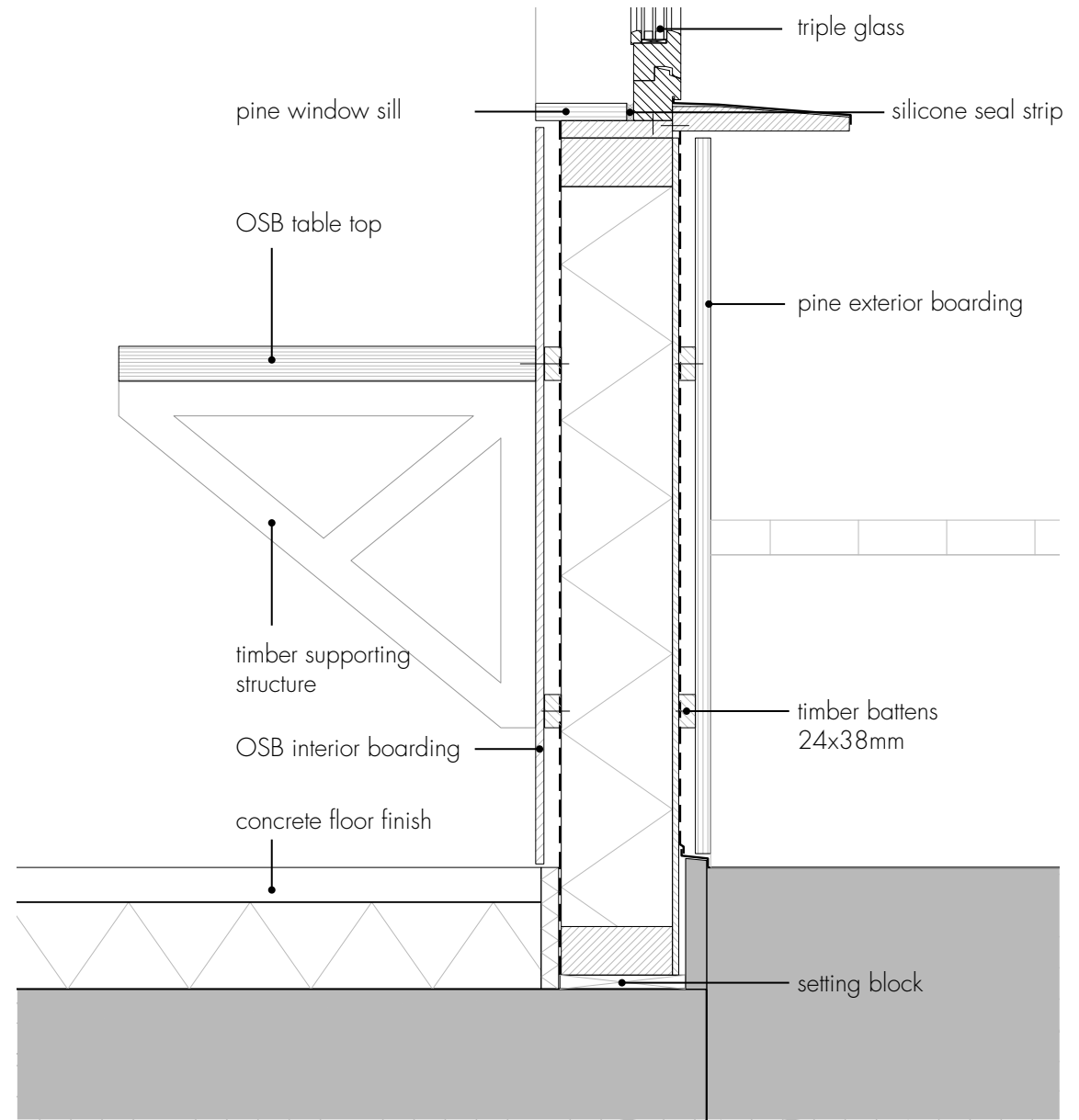
**Entrance wall structure**

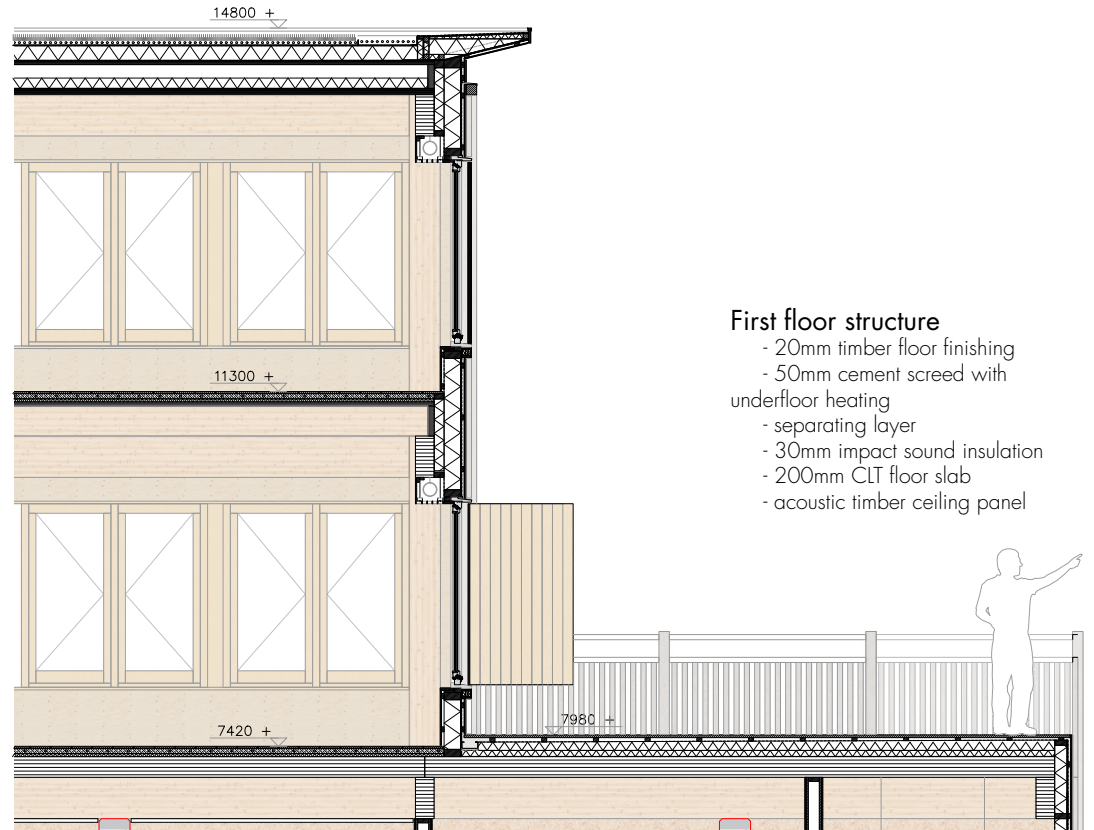
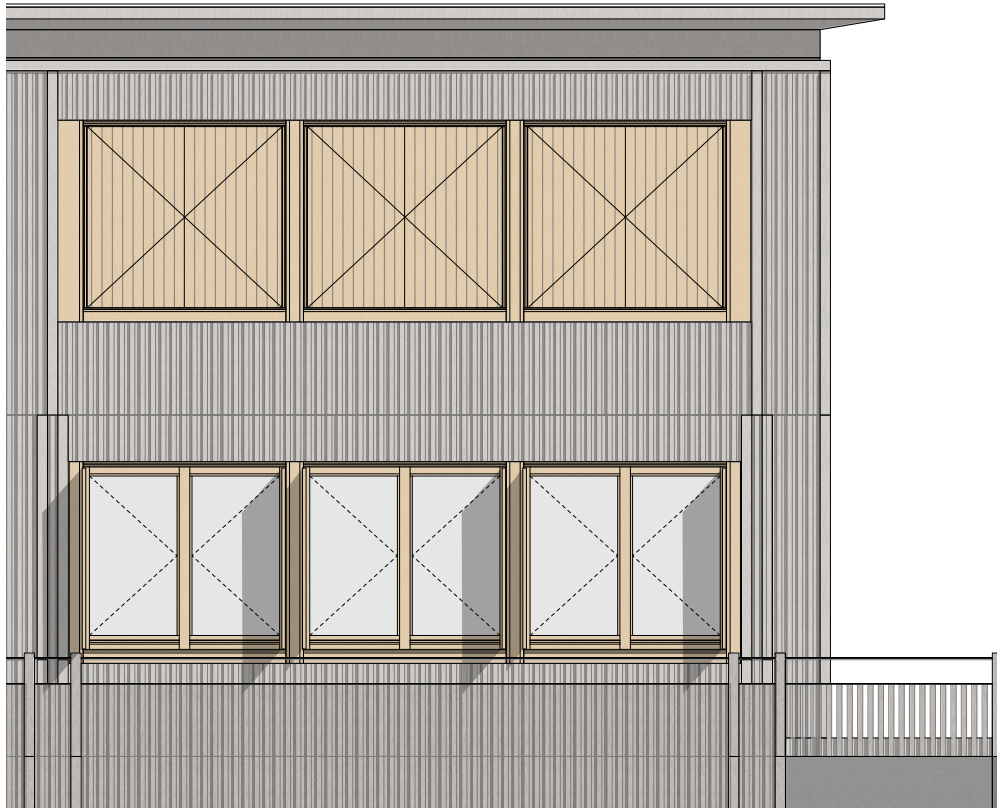
- 22mm pine boarding
- 24/38 battens
- polythene membrane
- 9mm OSB
- 160mm insulation in timber frame
- vapour barrier
- 24/38 battens
- 12mm OSB





Rental service desk detail



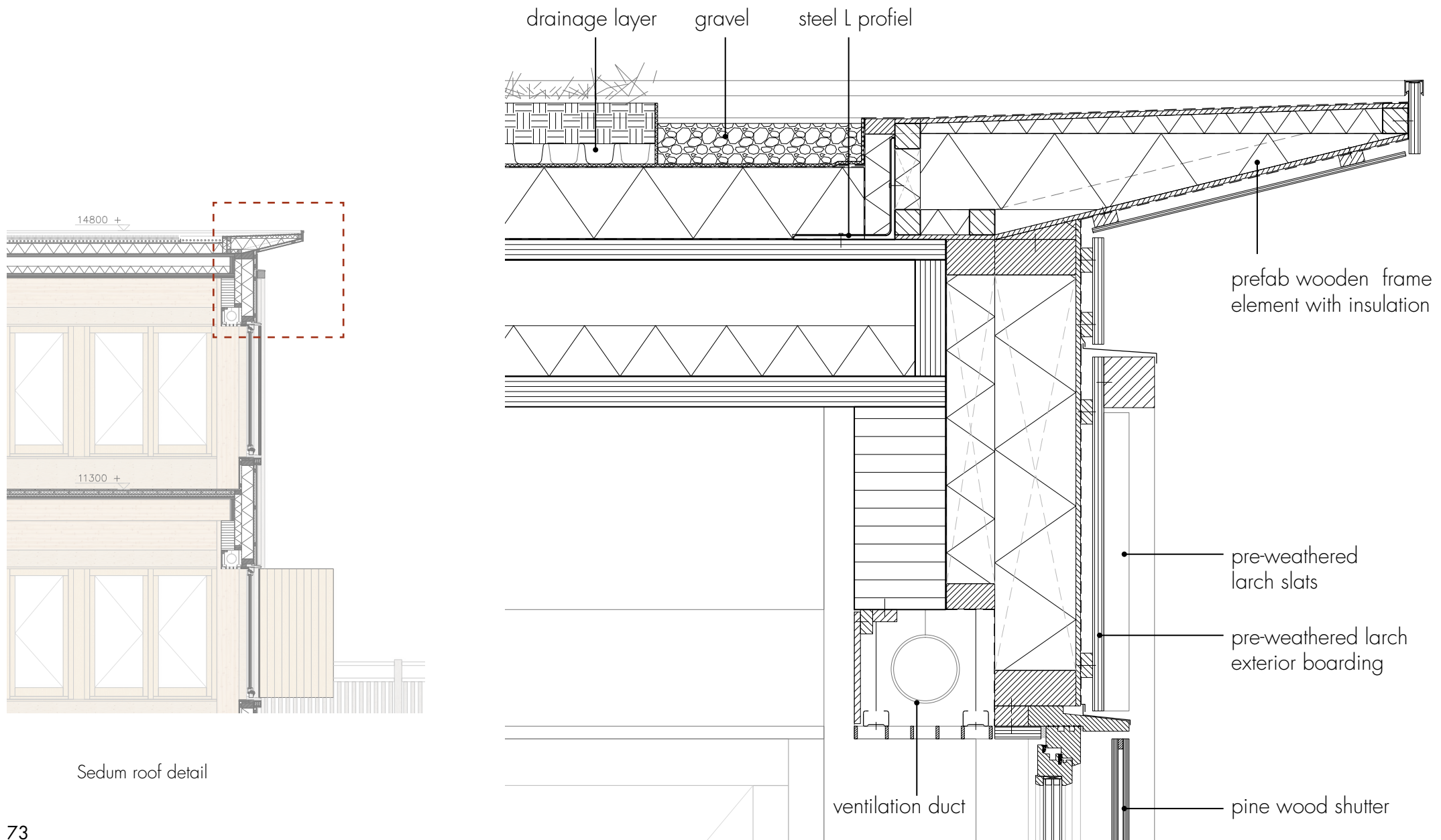


**First floor structure**

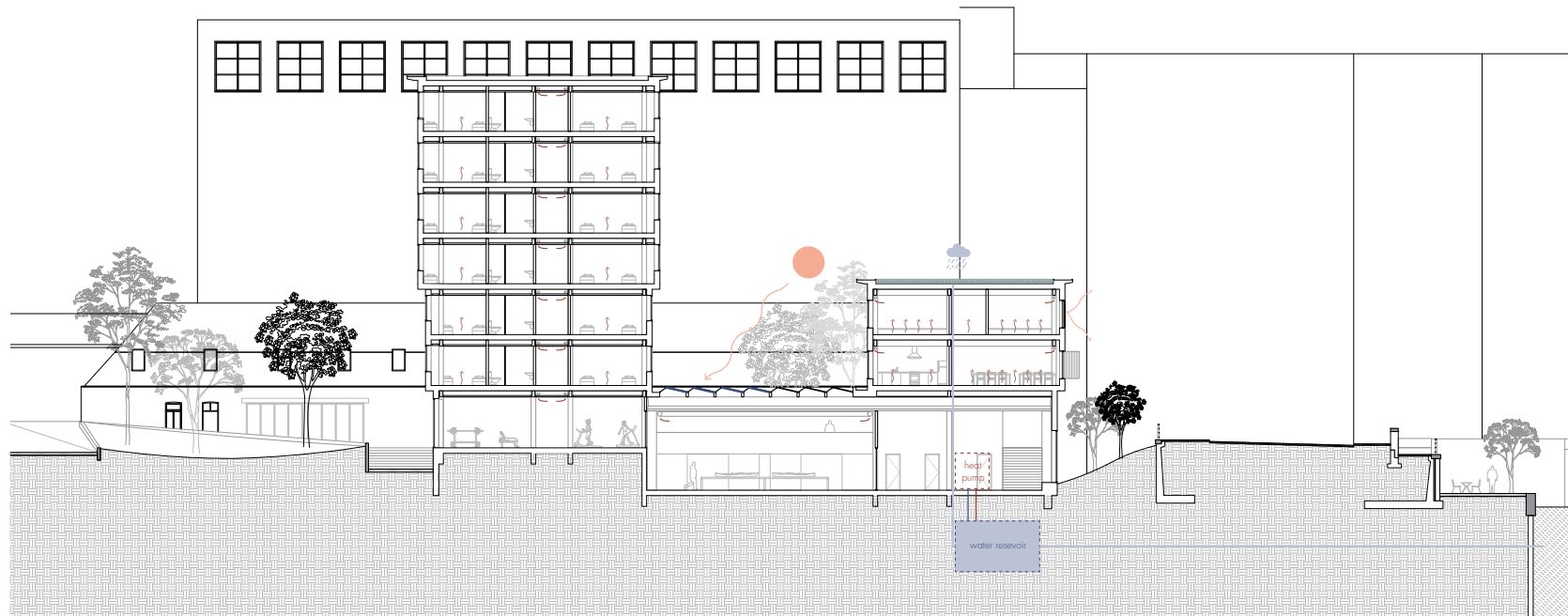
- 20mm timber floor finishing
- 50mm cement screed with underfloor heating
- separating layer
- 30mm impact sound insulation
- 200mm CLT floor slab
- acoustic timber ceiling panel

**Terrace roof structure**

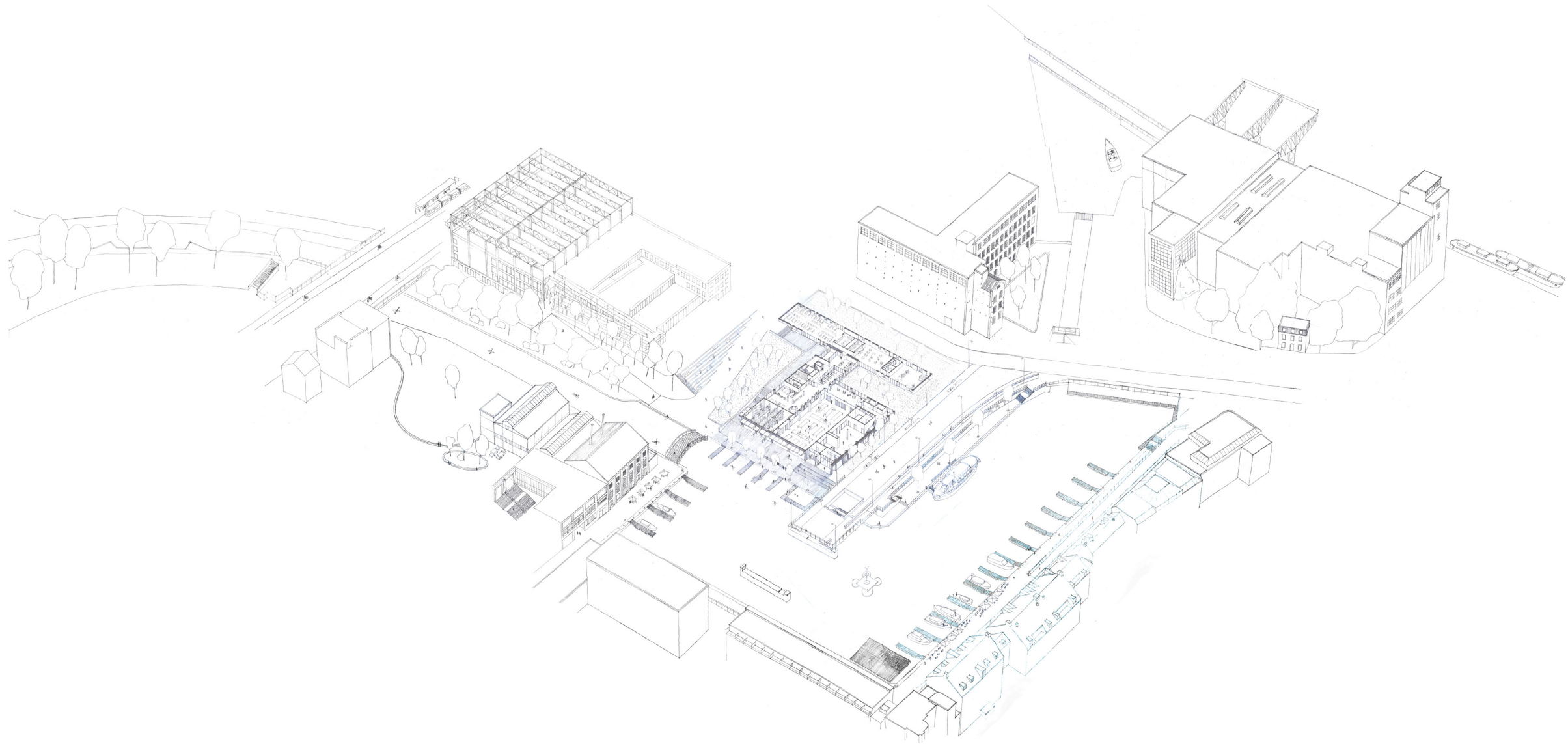
- 20 timber plank
- 24/38 battens
- polythene membrane
- 120mm insulation
- vapour barrier
- 200mm CLT floor slab
- acoustic timber ceiling panel







Climate diagram



Thank you!