

Public Involvement and Continuous Change

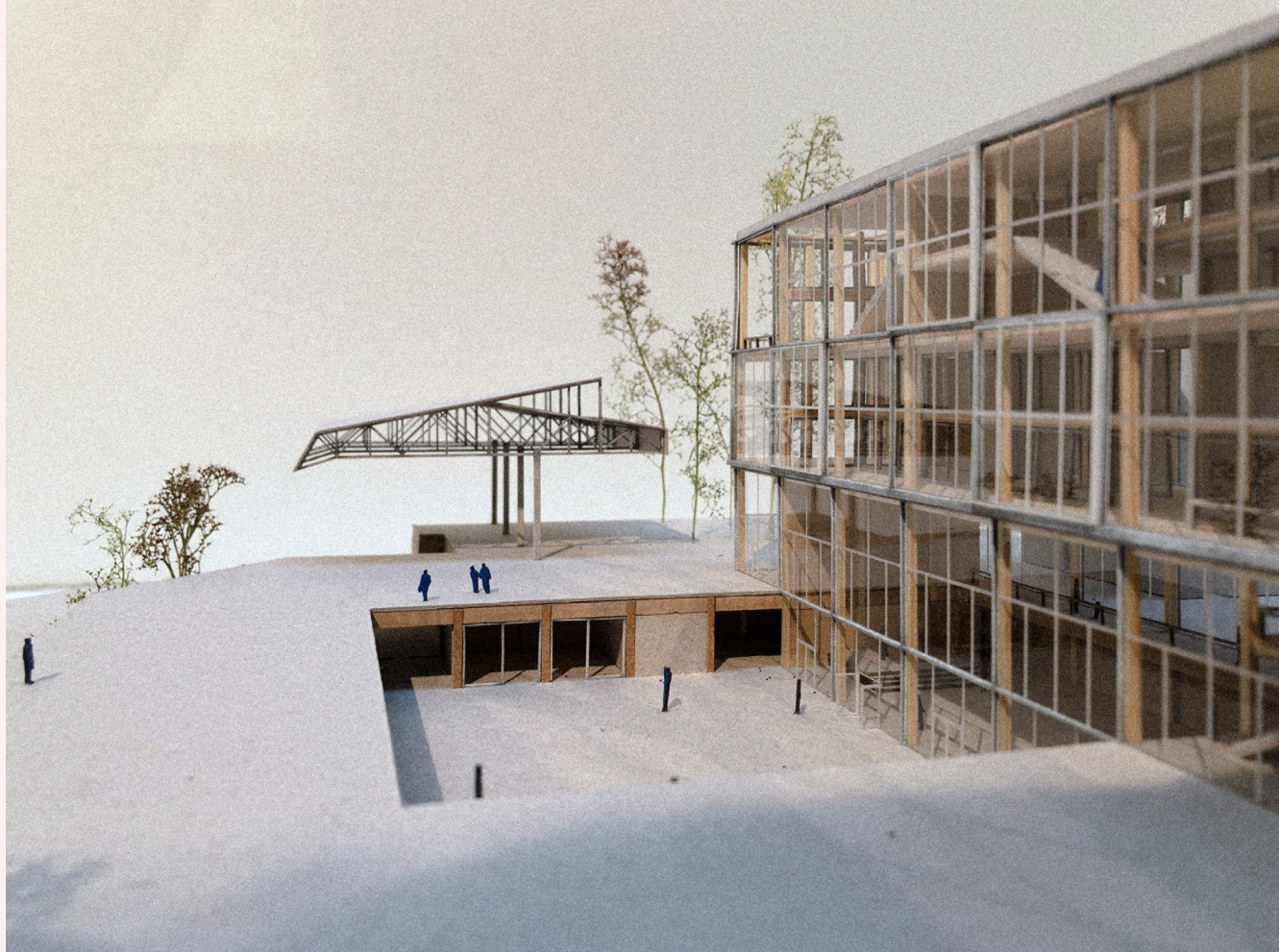
Architectural Framework for
Change: Cultural Community
Center Grasbrook

Explore Lab
Graduation Studio
TU Delft
2021 - 2022

P5
13.01.2022
Leon Thormann







Overall Question

How does architecture find its form in accommodating public involvement and in becoming something that evolves continuously (change)?



Literature Review

Public Stage



„Architecture is the stage upon which public life can develop. Only citizens can make society.“

„A real public realm is characterized by the simultaneity of countless perspectives.“

Hans Teerds about
Hannah Arendt
(2008)

Literature Review

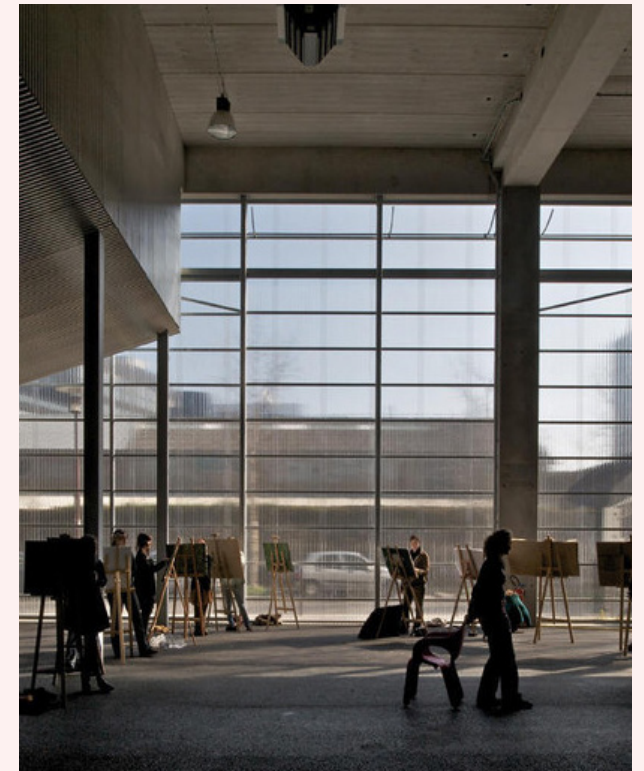
Engaging Spaces



SESC Pompeia Sao Paulo
Lina Bo Bardi (1986)



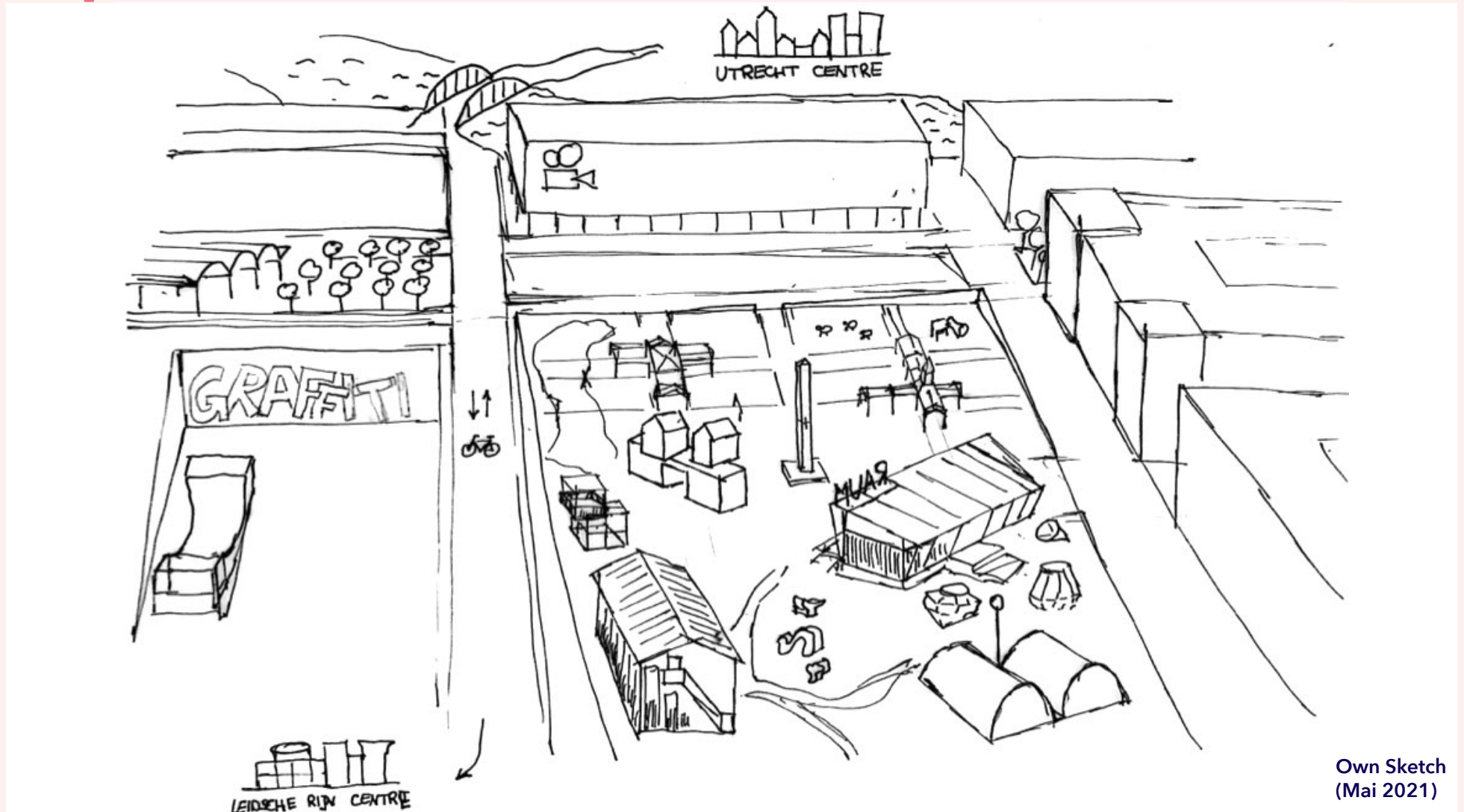
De Meerpaal Dronen
Frank van Klingeren (1965)



Nantes School of Architecture
Lacaton & Vassal (2009)

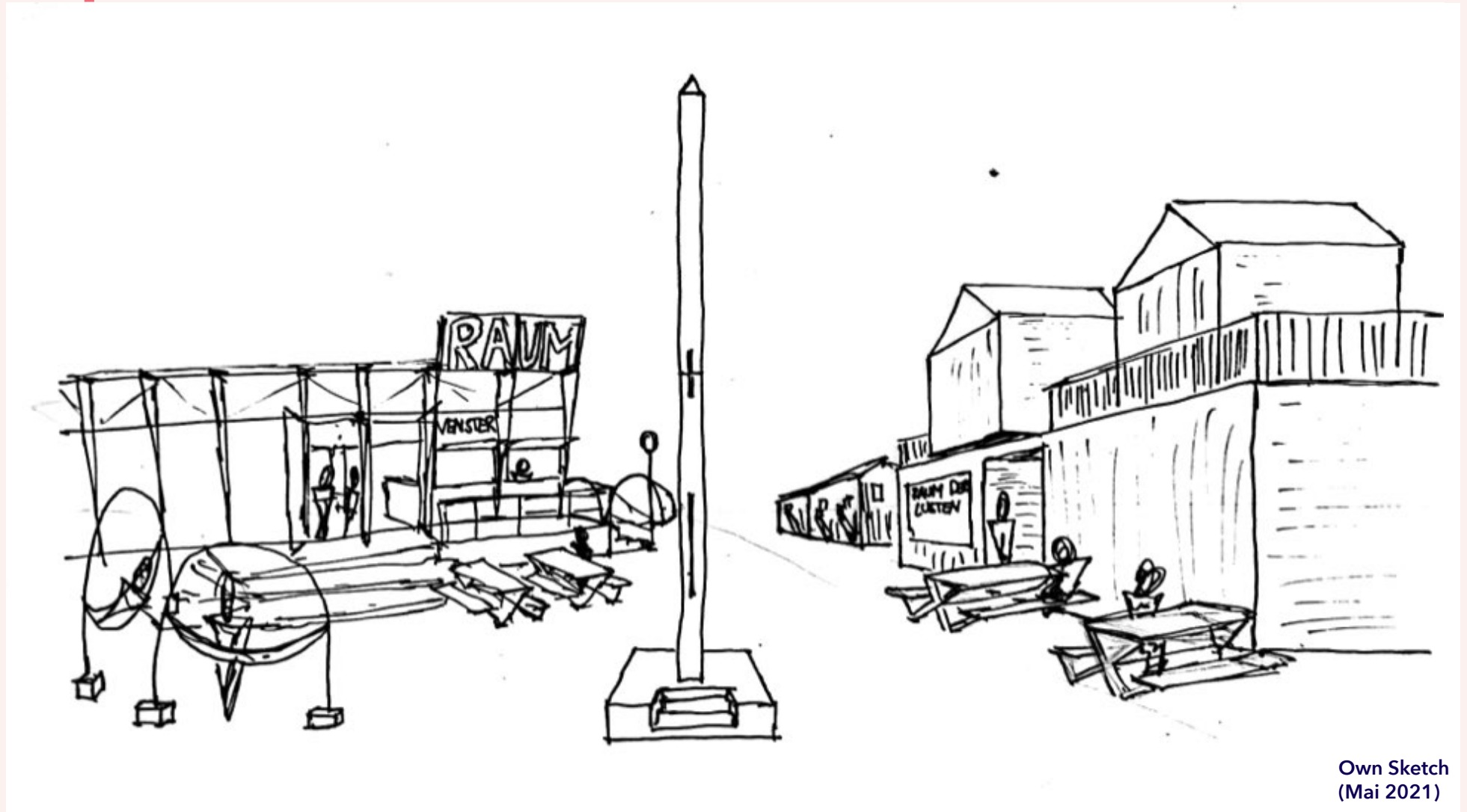
Research Case Berlijn-Plein

Impressions



Research Case Berlin-Plein

Impressions



Own Sketch
(Mai 2021)

Research Case Berlin-Plein „Circus“ and „Maker as Pioneer“



Idea of the Glazen Circus (April 2016)



Programe Strategy by State of Flux (2016)

Site Case Grasbrook

Active Citizen



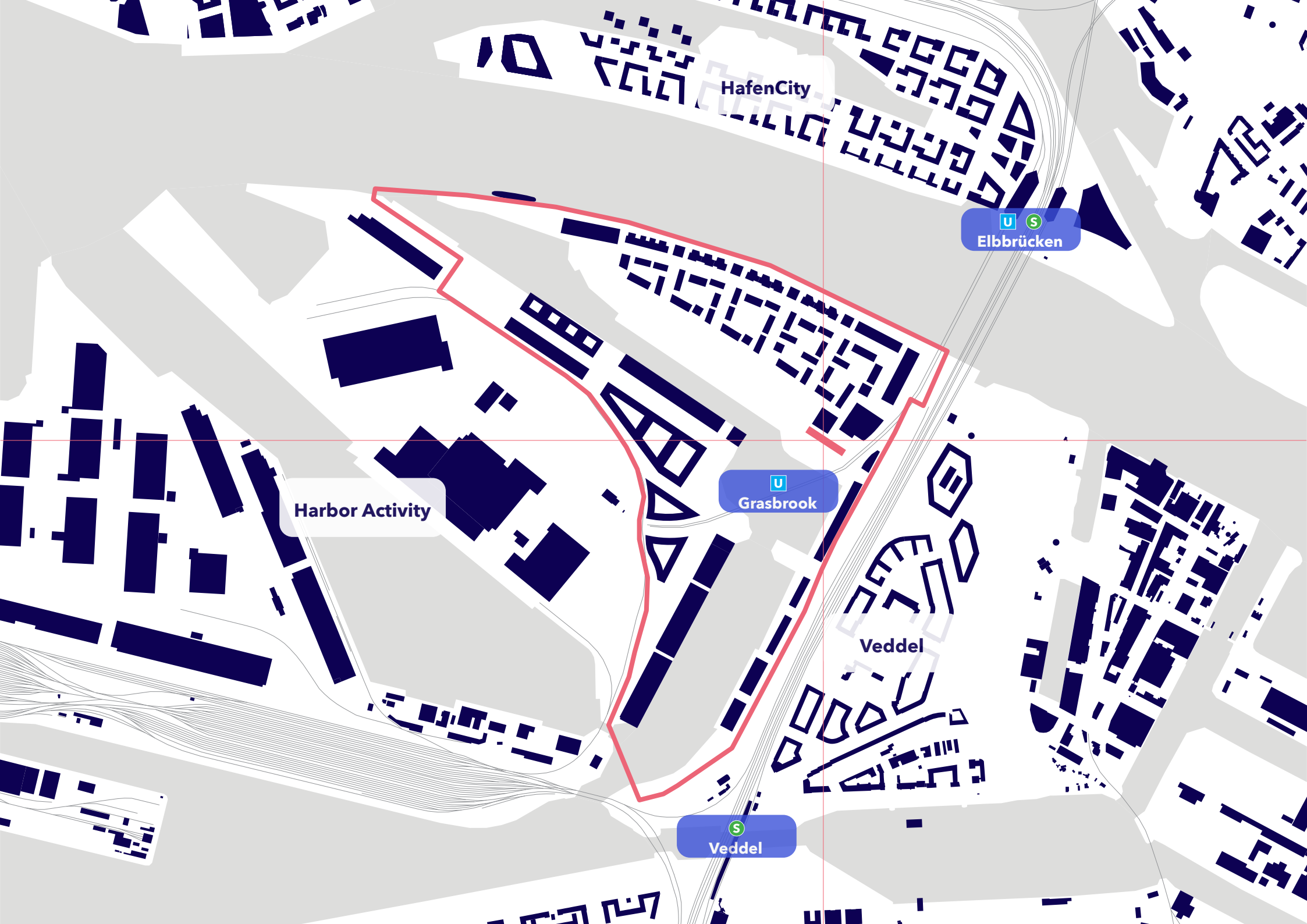
Community House Losepark



Hamburg votes NO! to Olympia







HafenCity

U S
Elbbrücken

Harbor Activity

U
Grasbrook

Veddel

S
Veddel



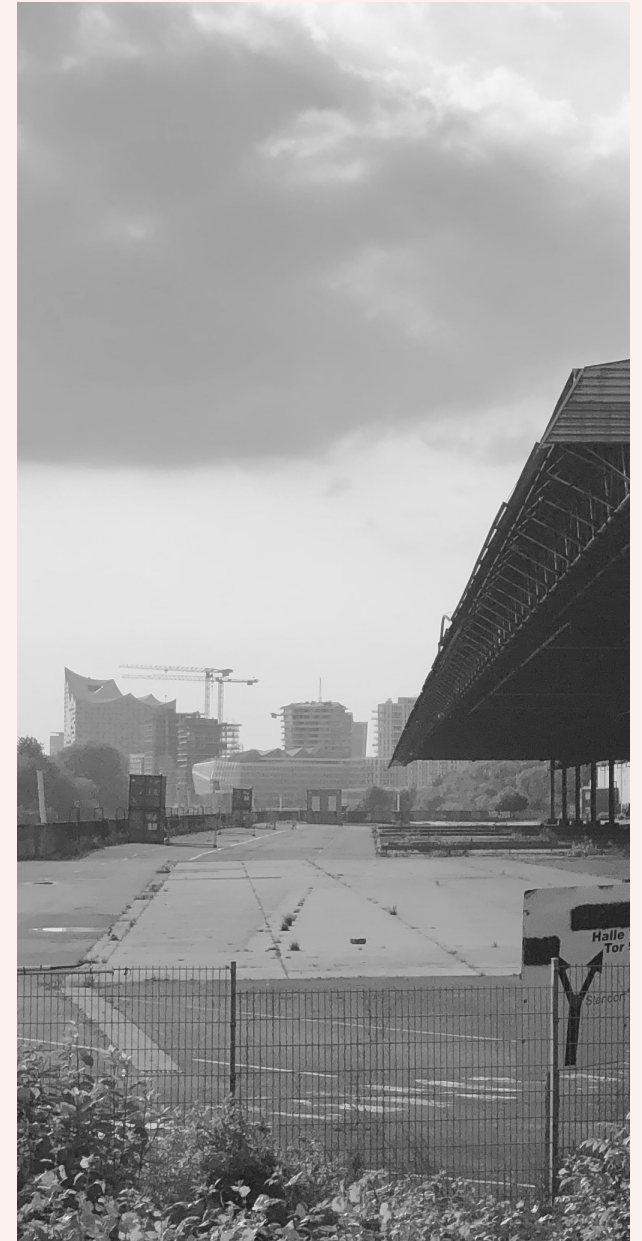
View to Elbphilharmonie



View to Train Stop Elbbrücken



Site

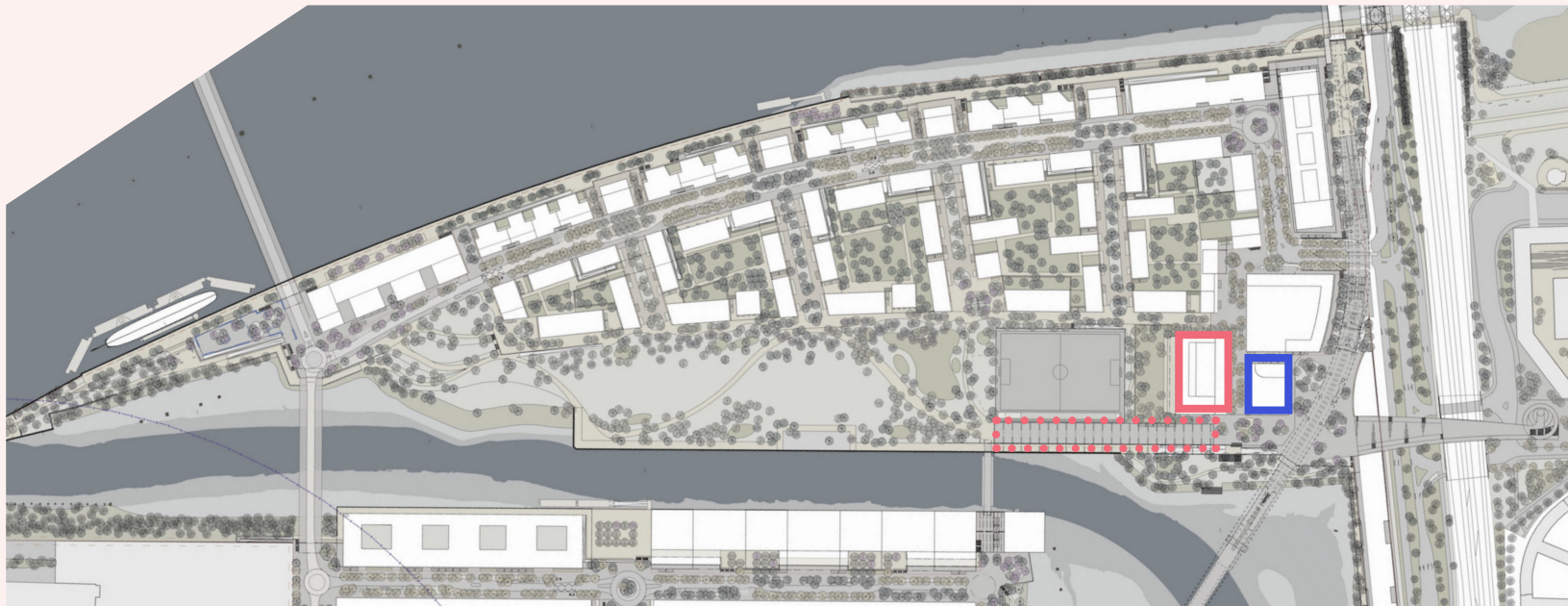


View from Site to Elbphilharmonie



- Community Centre
- School
- Roof

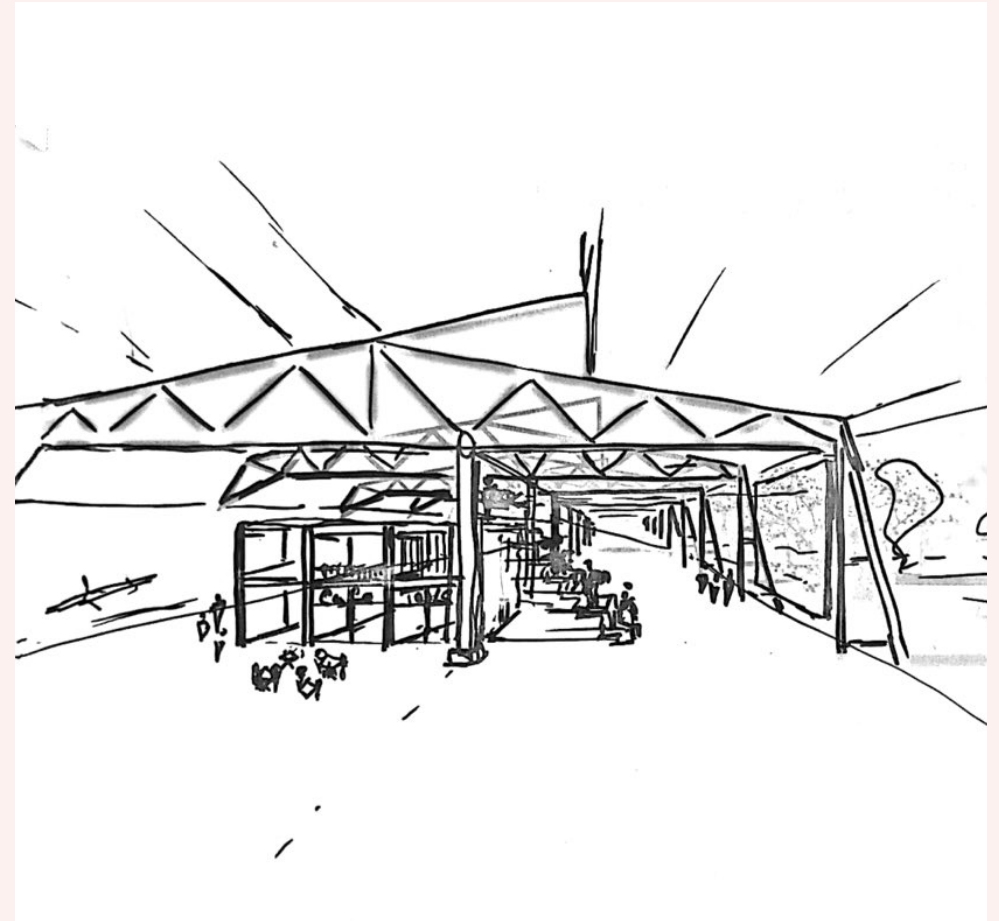
Competition
Masterplan
2020



Updated
Masterplan
2021



Model of old masterplan



Potential Sketch



Old roof
Überseezentrum

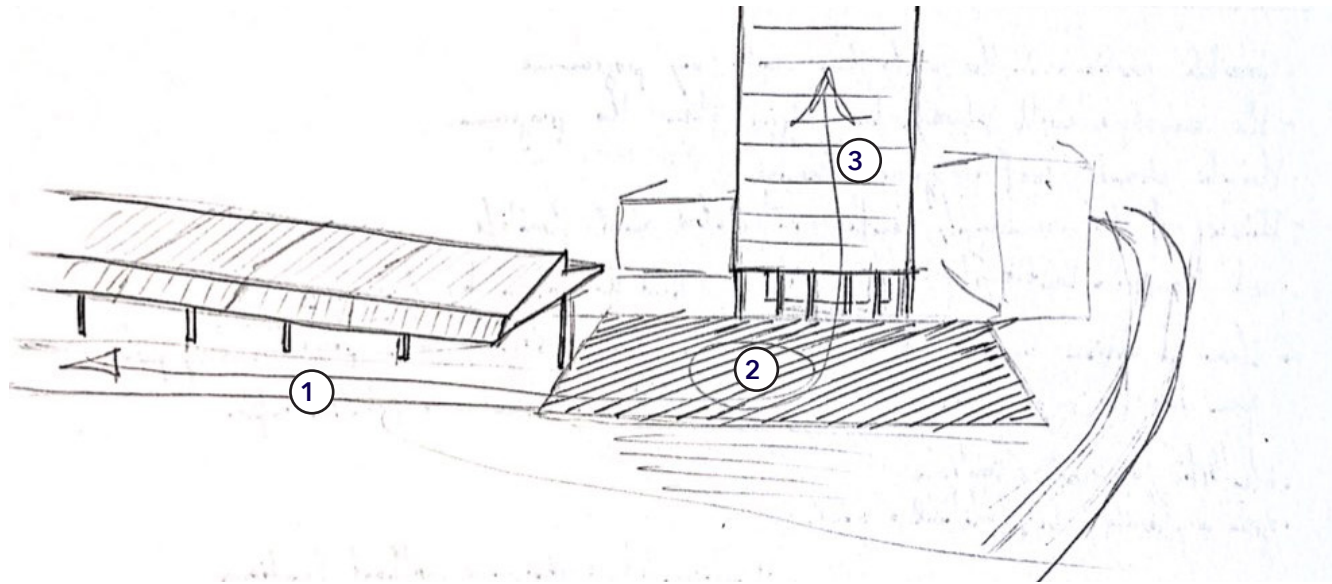




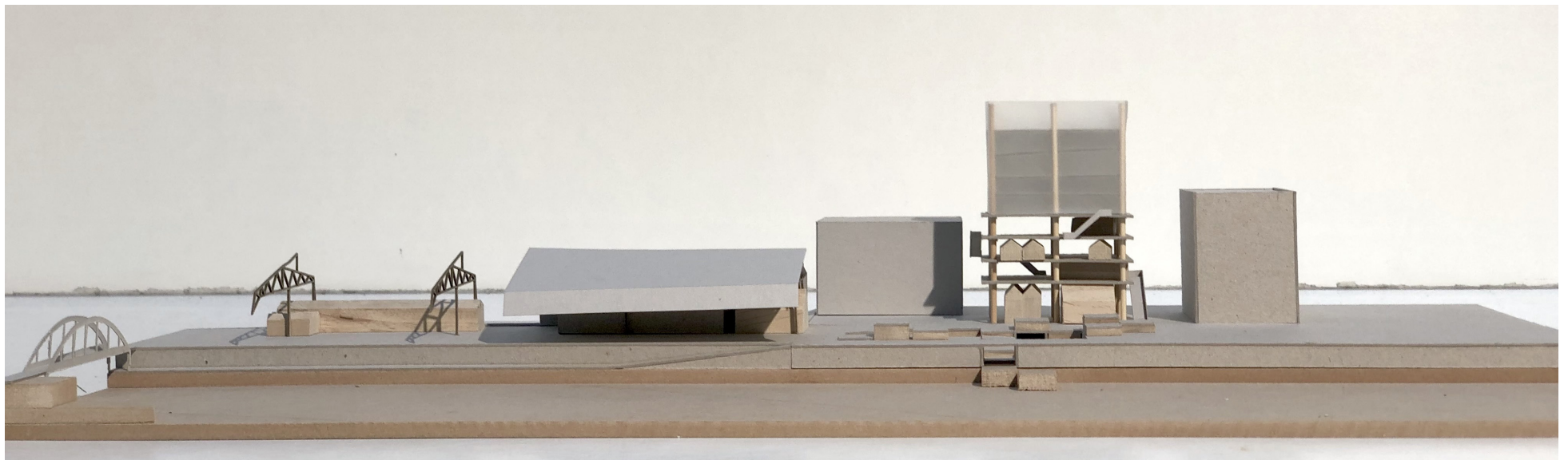
Webcam
Grasbrook
29th Nov. 2021

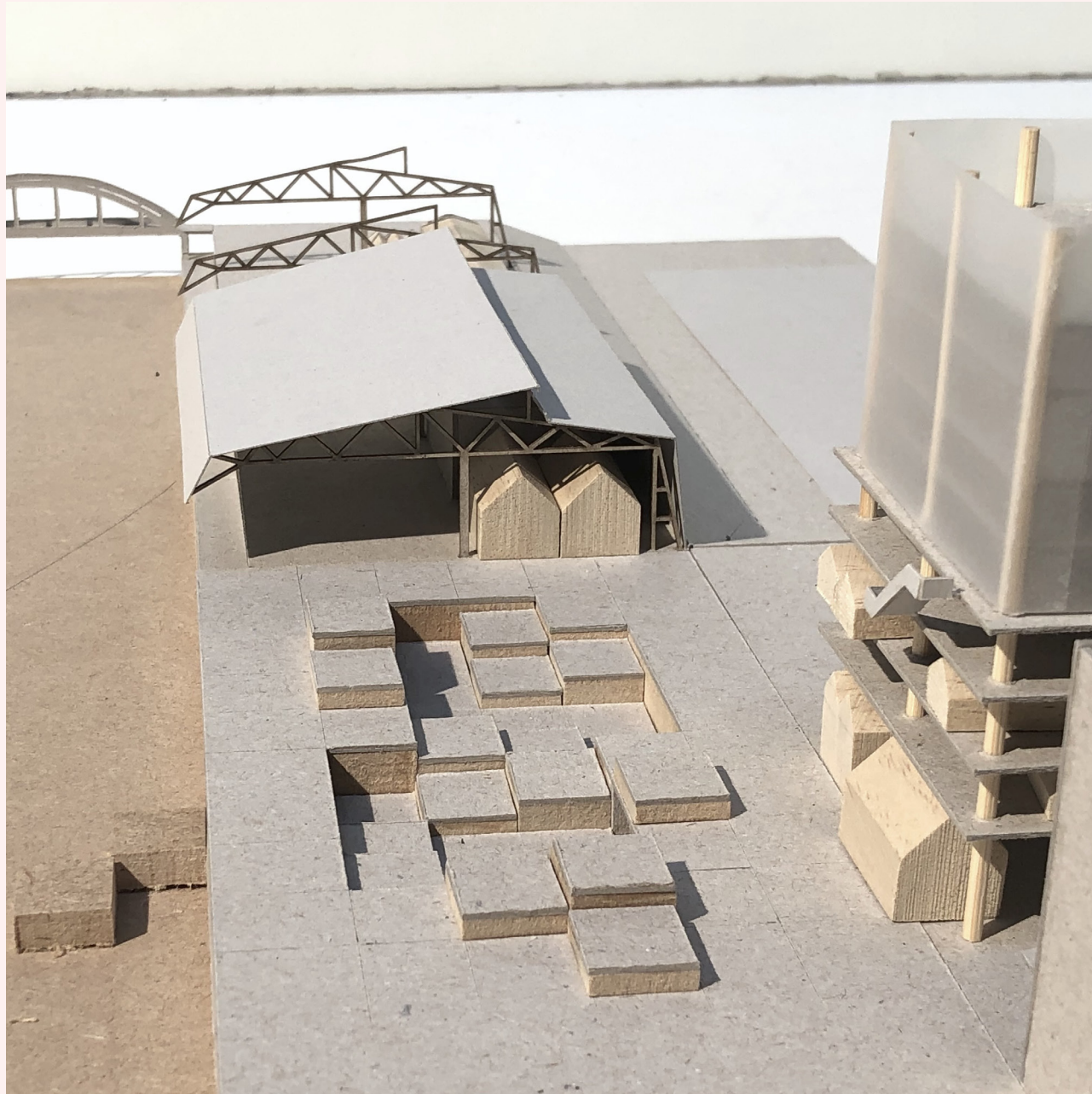


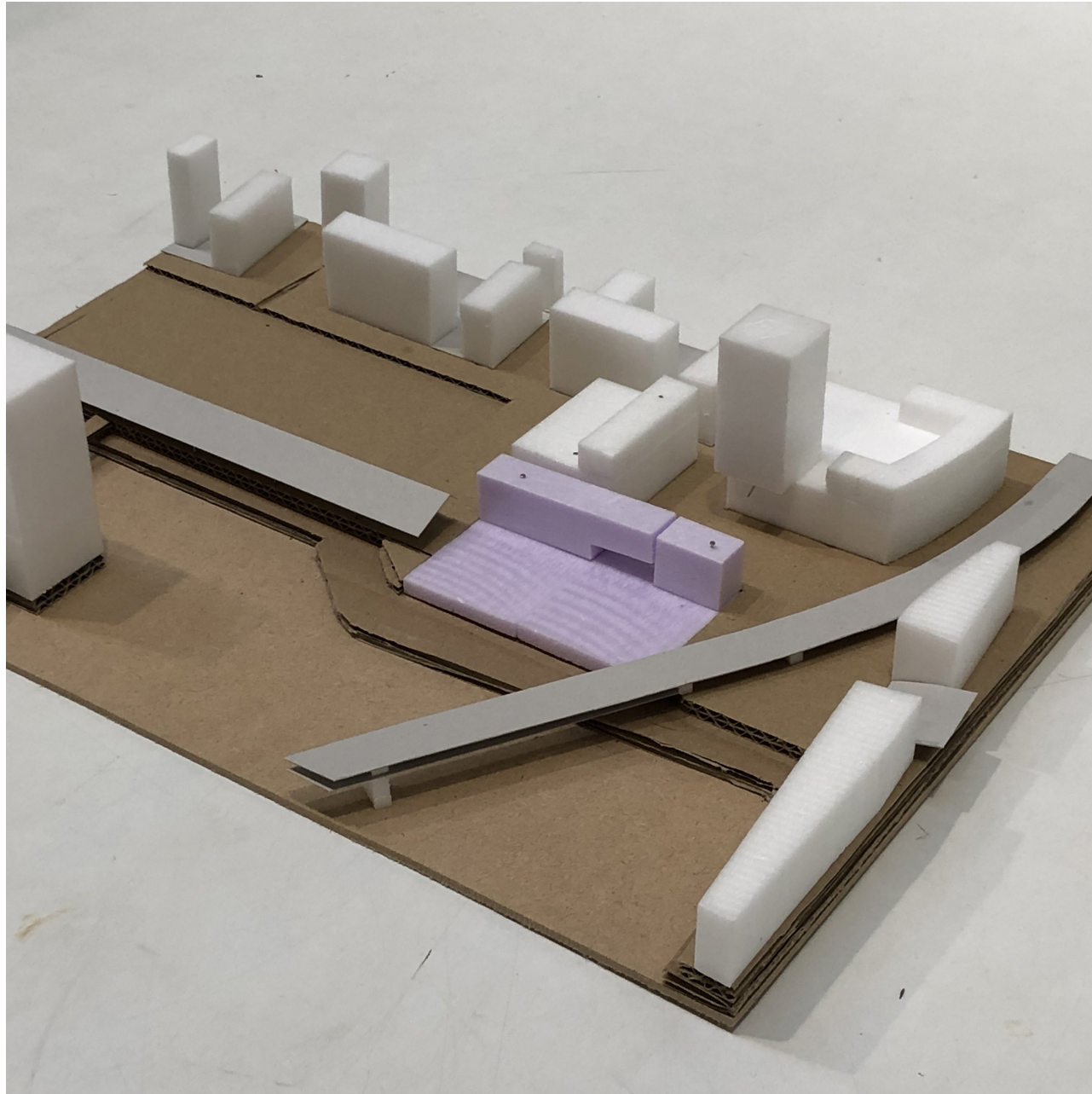
Webcam
Grasbrook
08th Jan. 2022



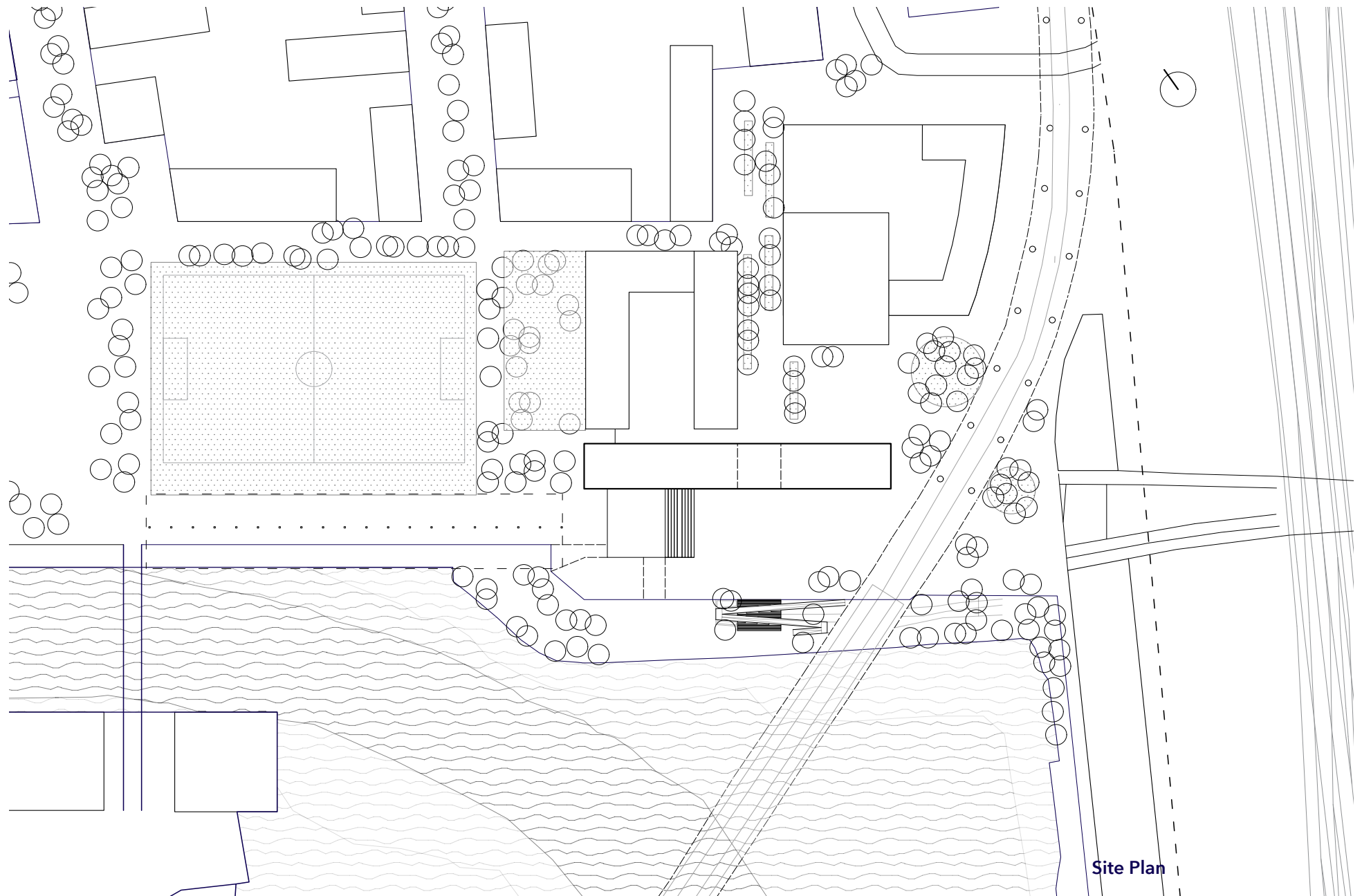
Experiment
Sketch + Model

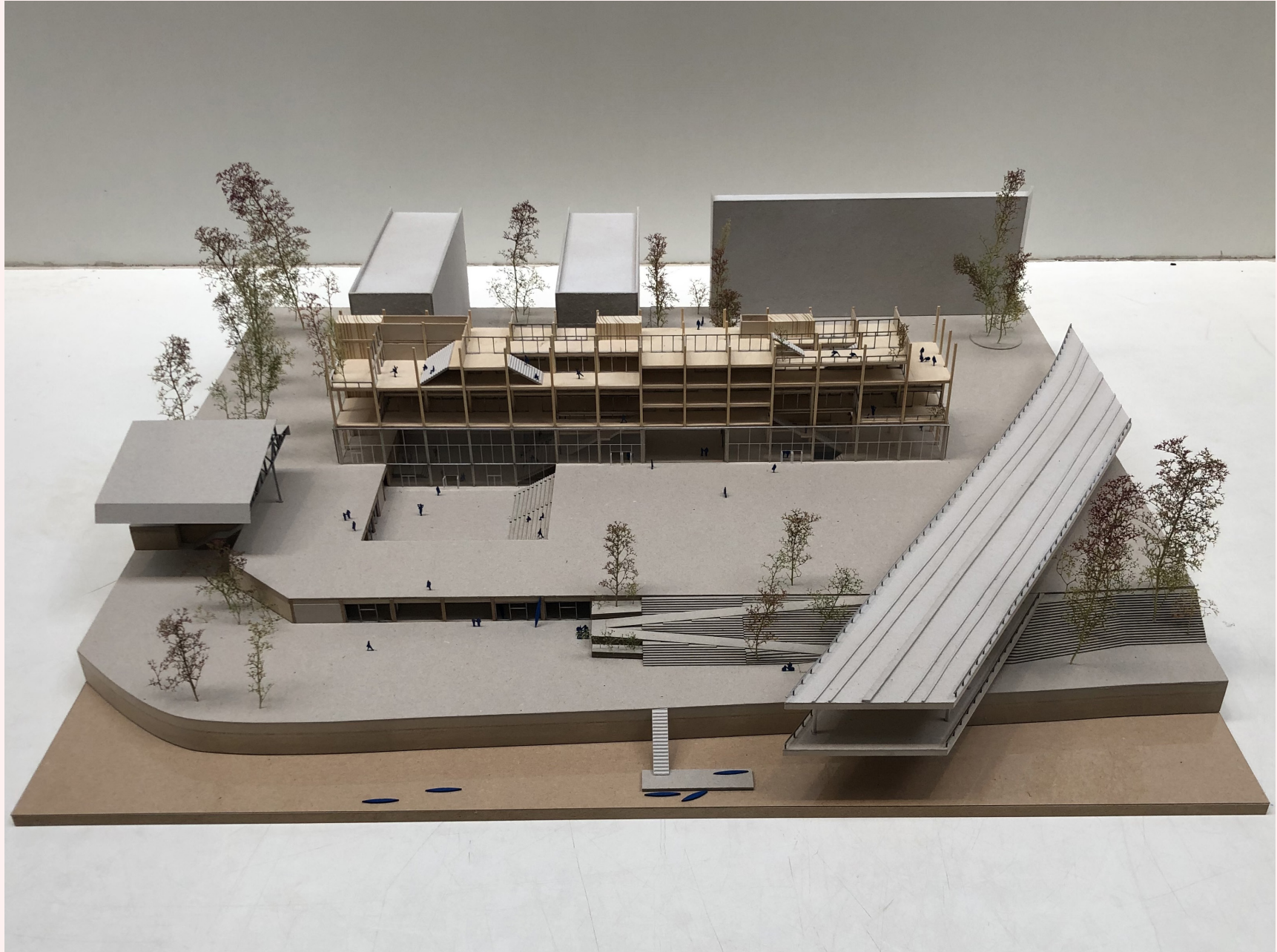


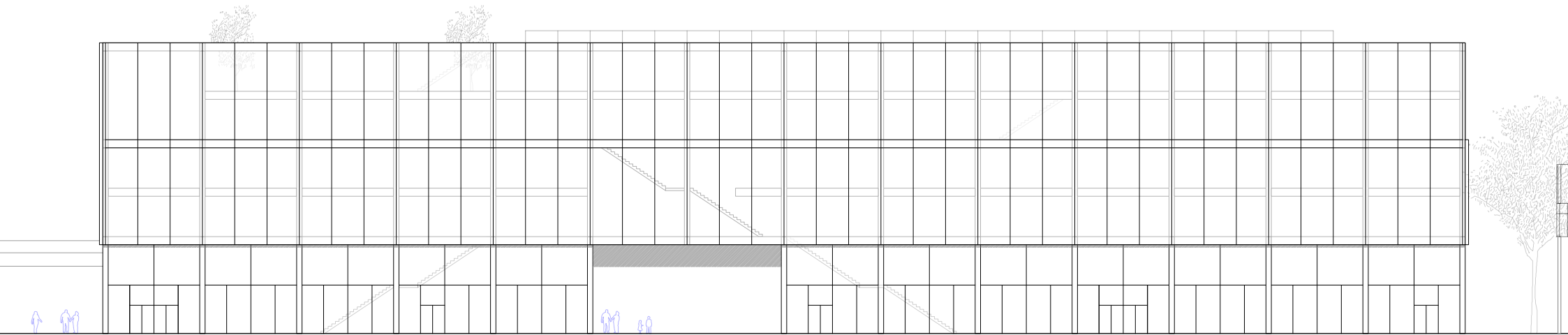




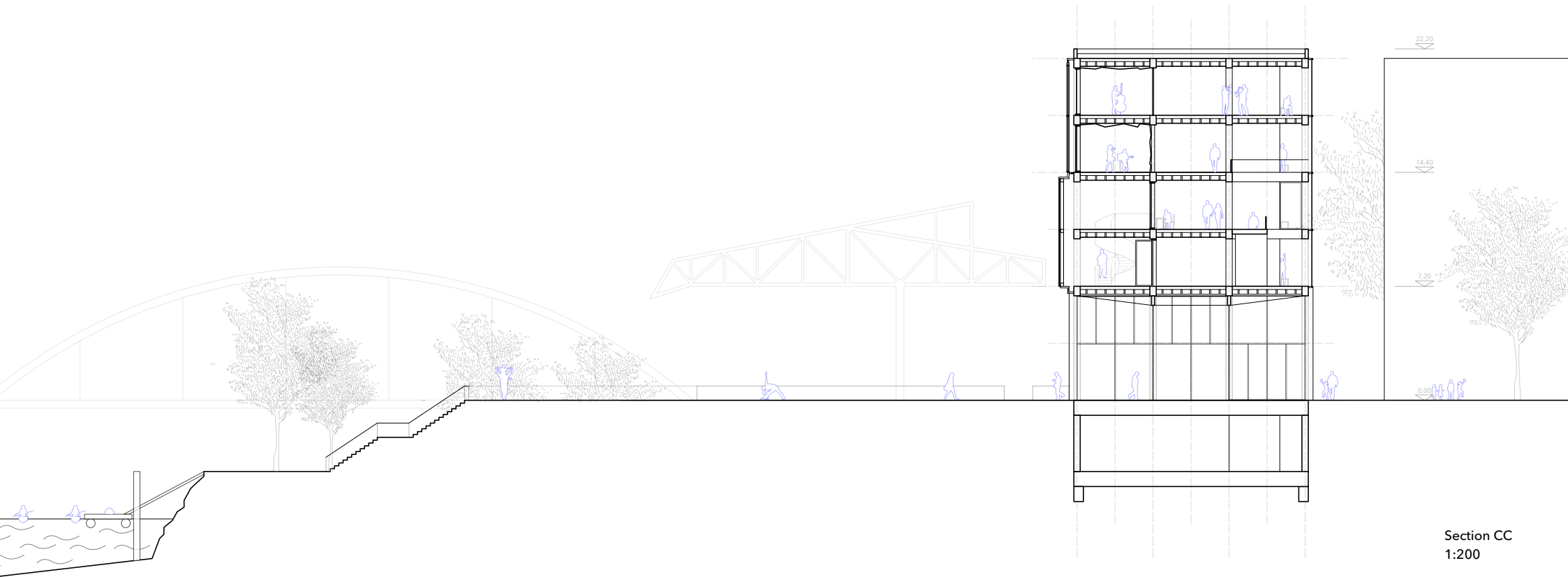
Urban Strategy
Model 1:1000



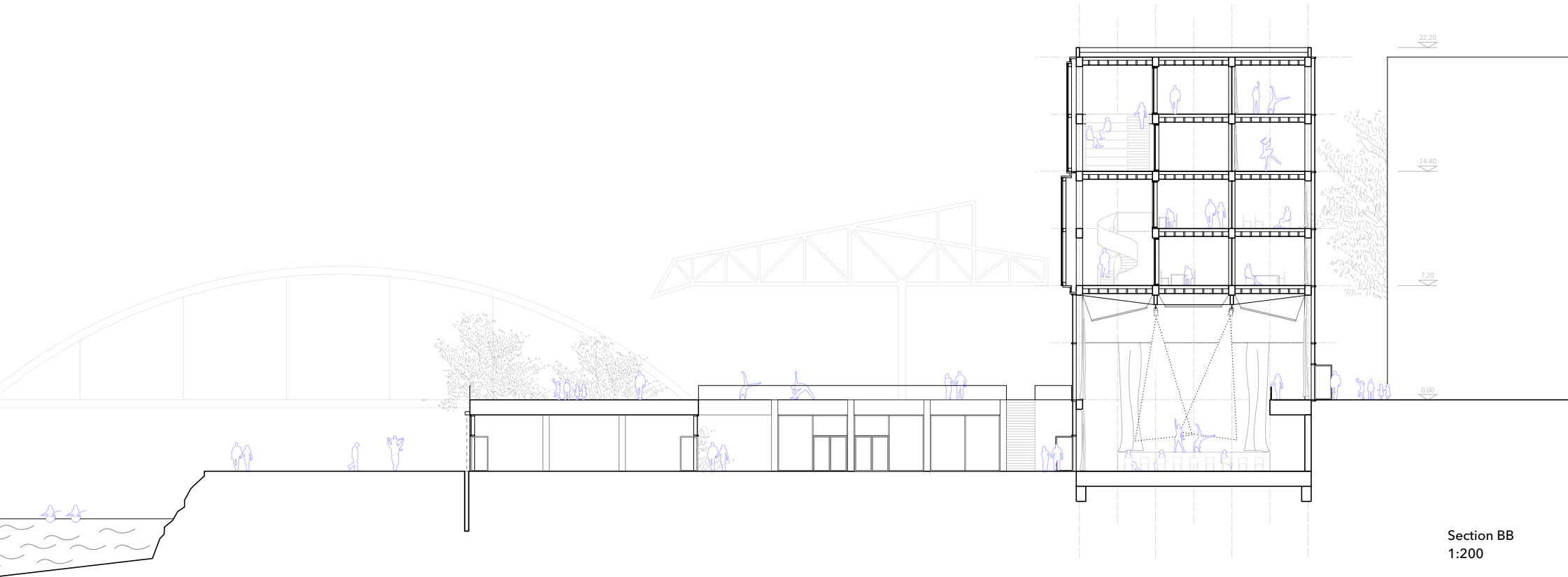




Elevation North
1:200



Section CC
1:200

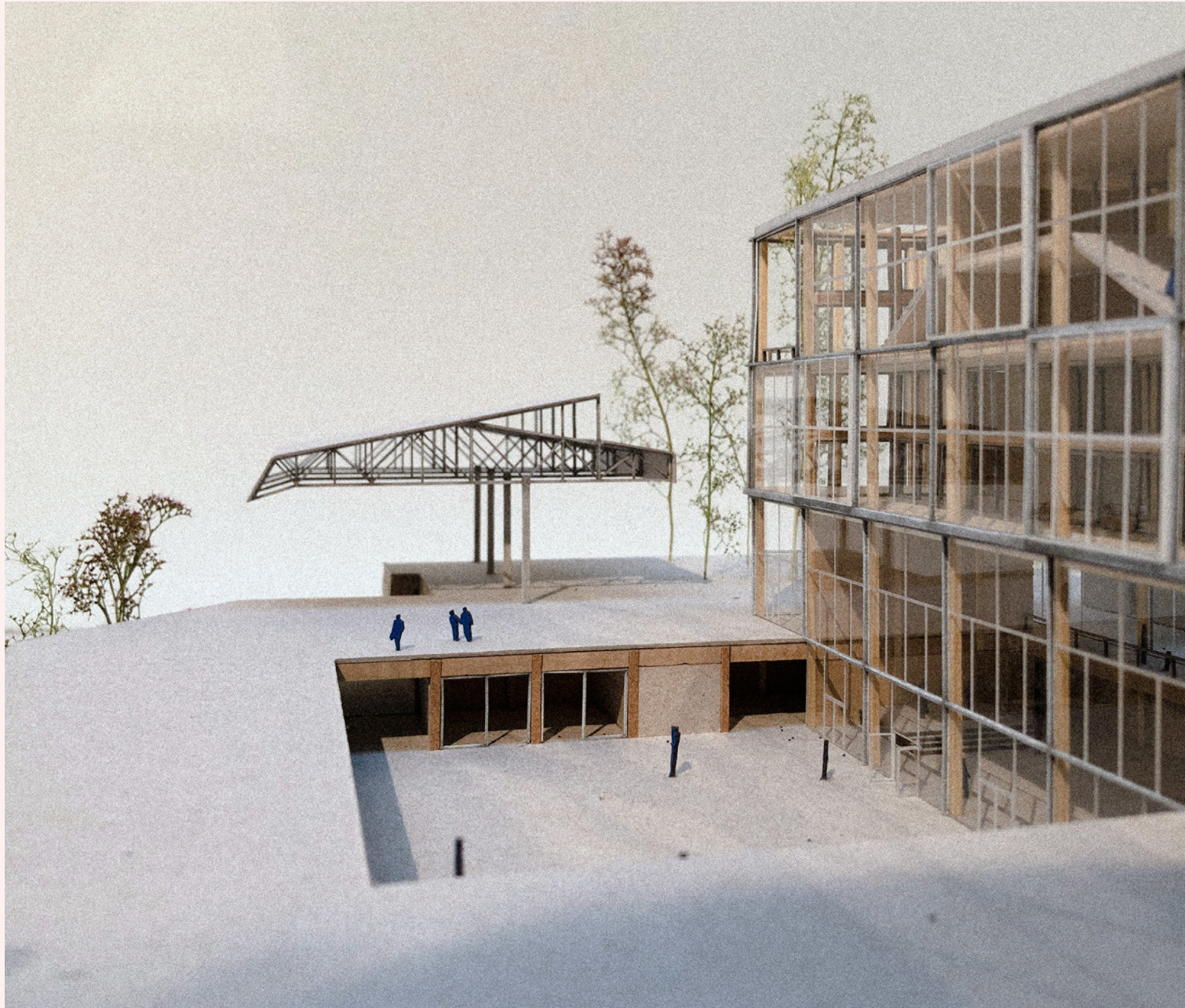




View East

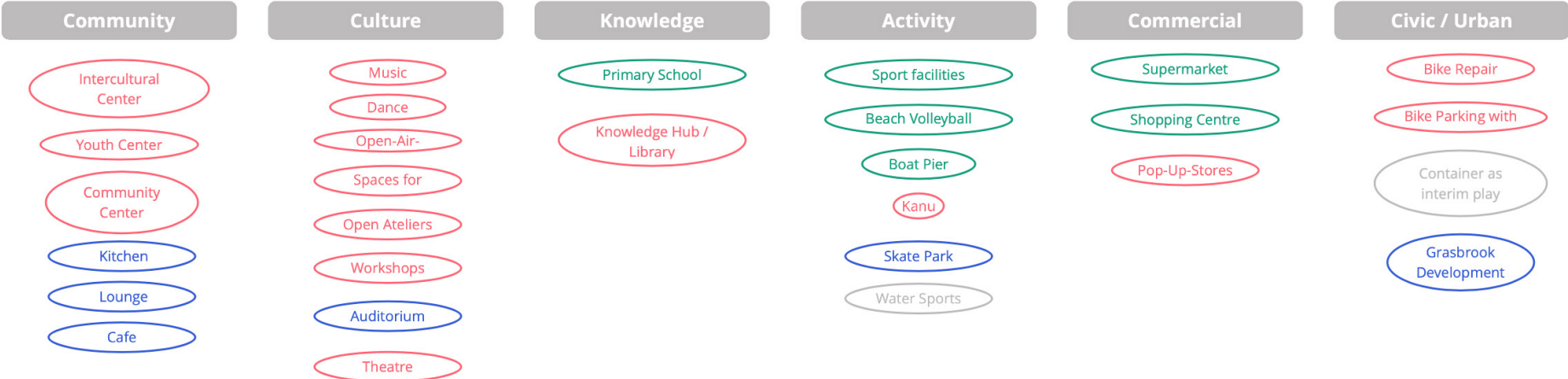


View Upper
Plaza

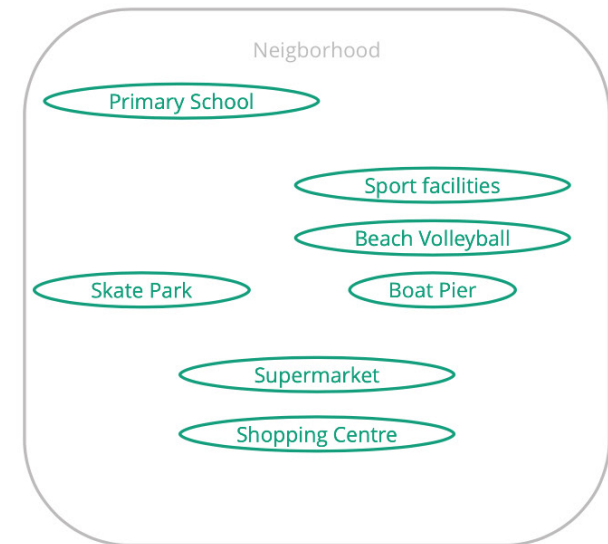
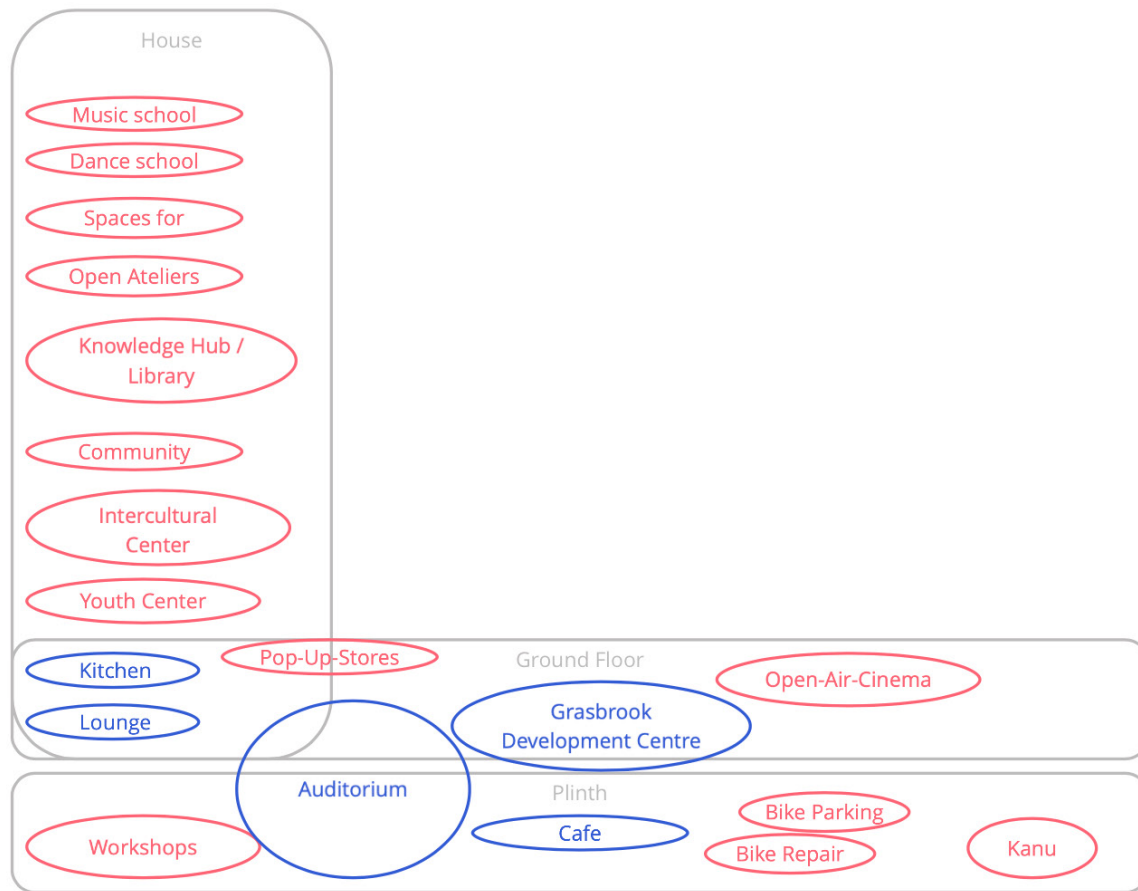


View Lower
Plaza

Mixed Functions



Mixed Functions



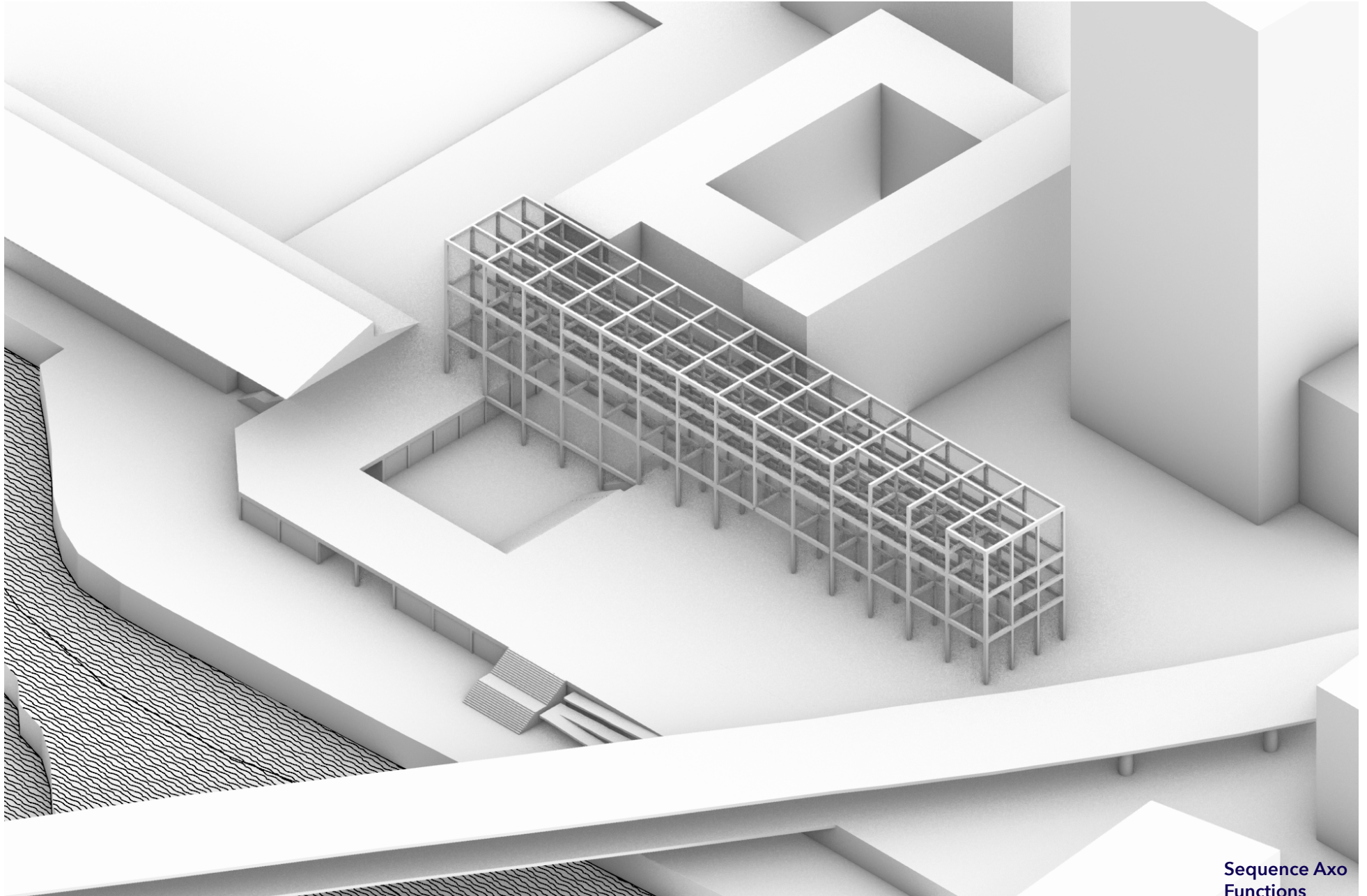




Sequence Axo
Functions

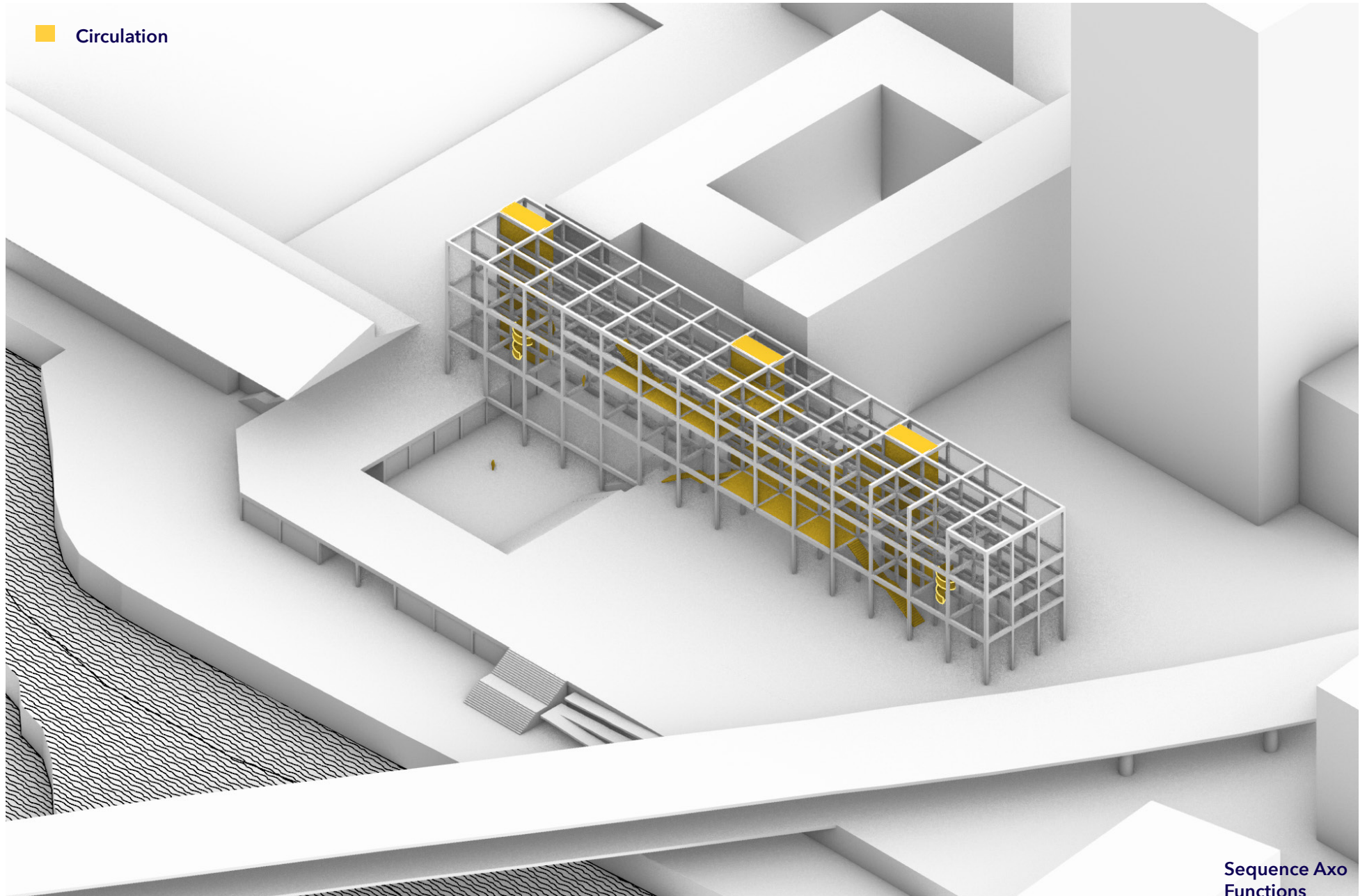


Sequence Axo
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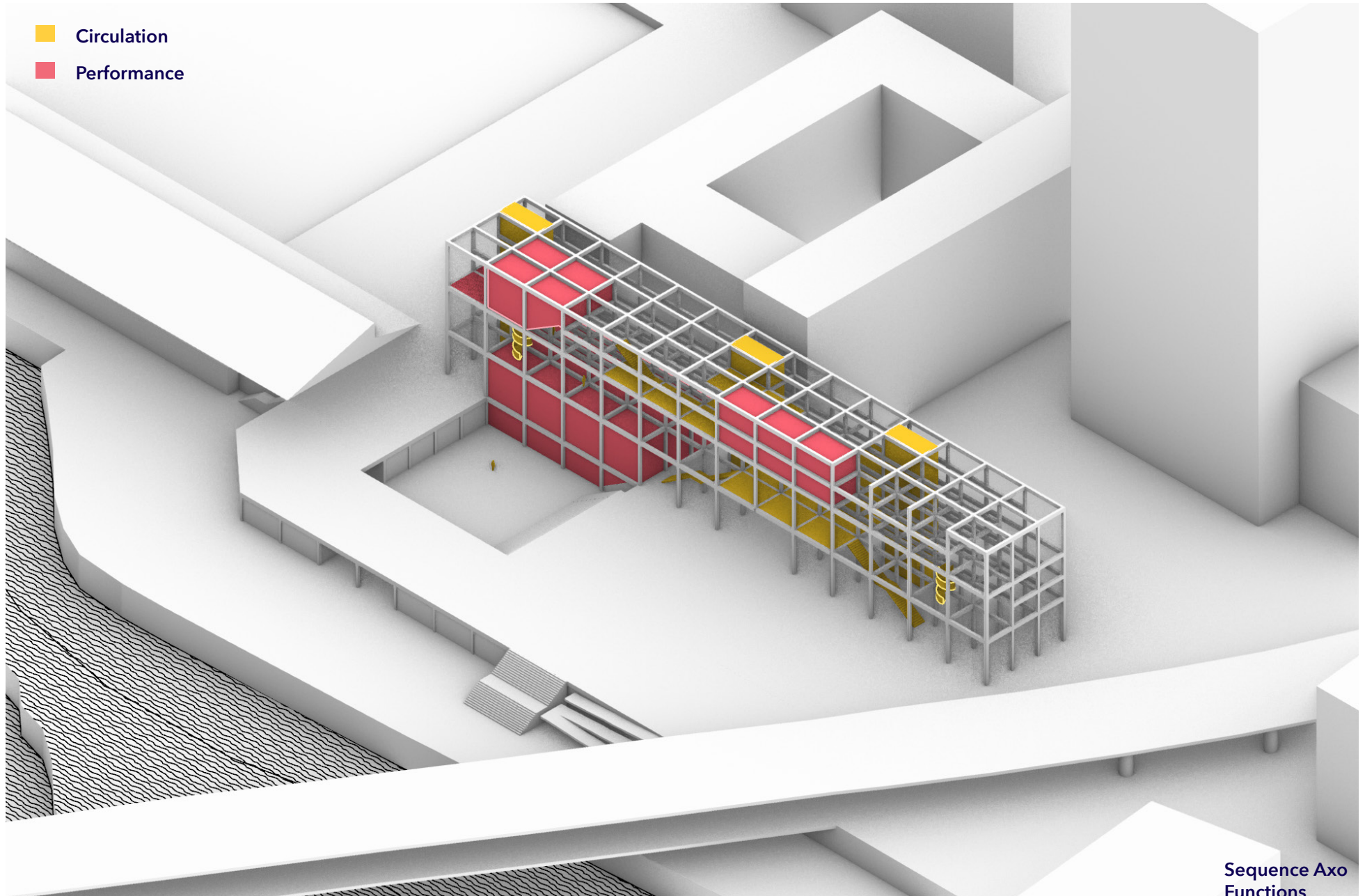


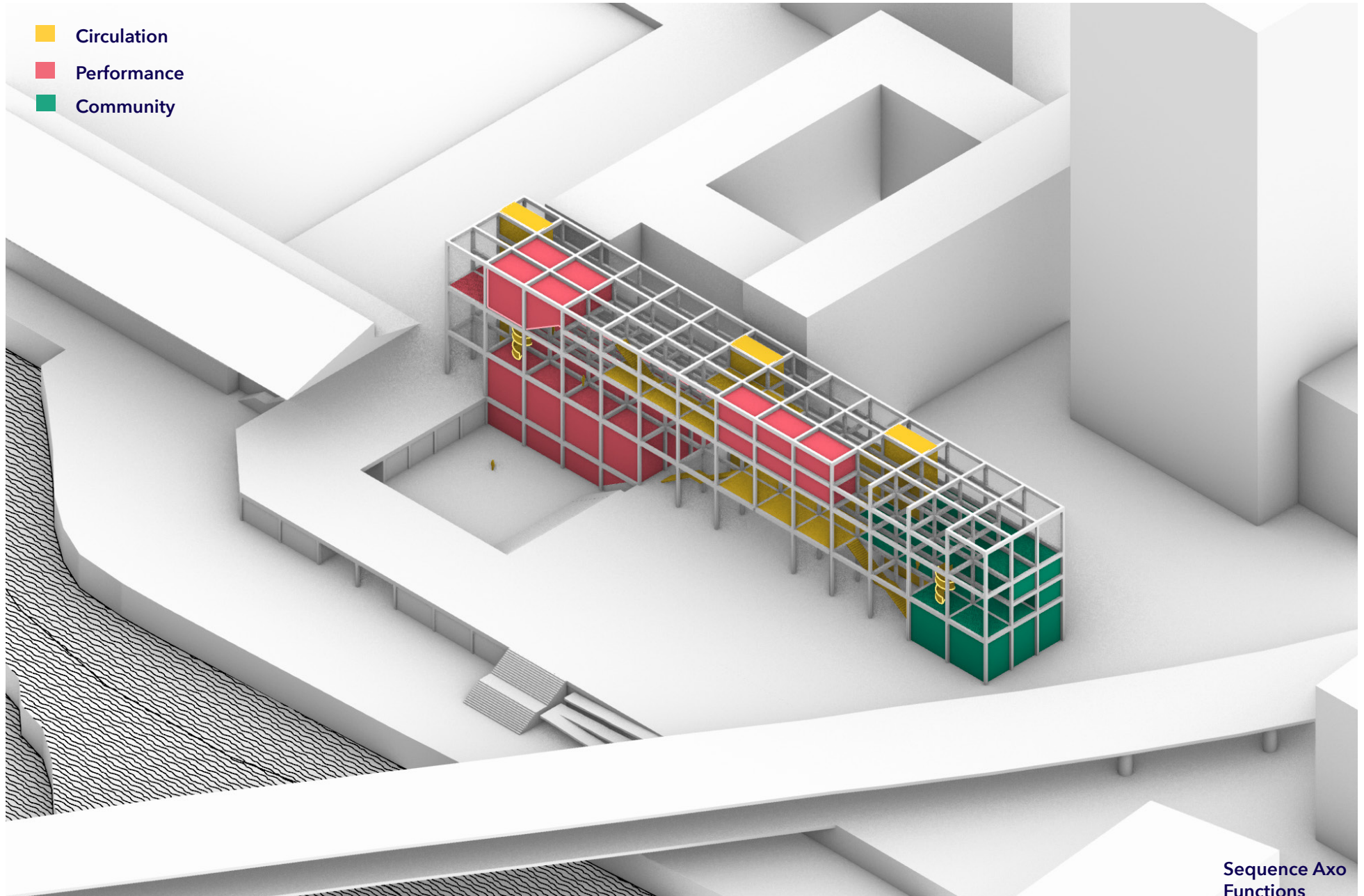
Sequence Axo
Functions

■ Circulation

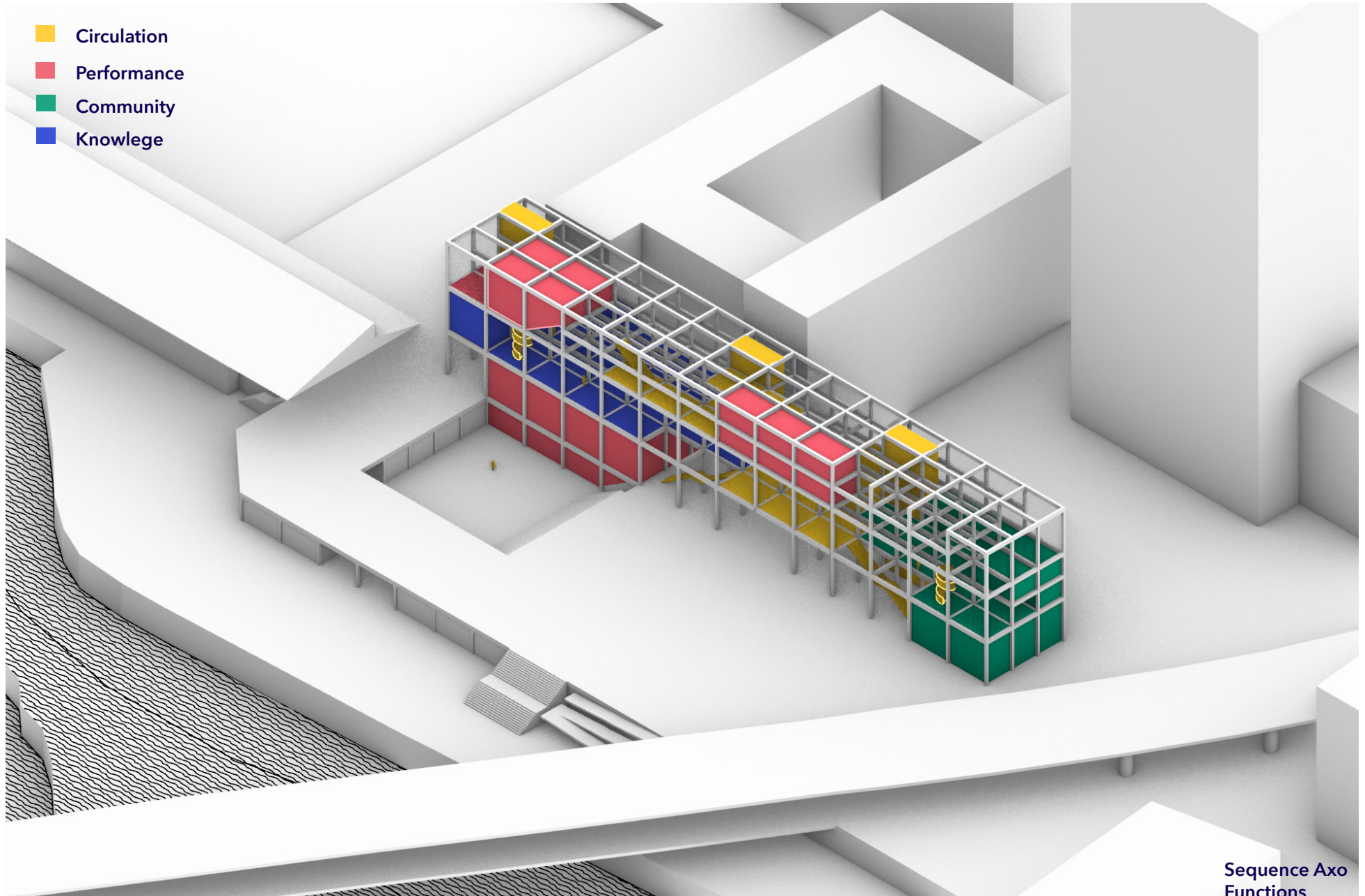


Sequence Axo
Functions

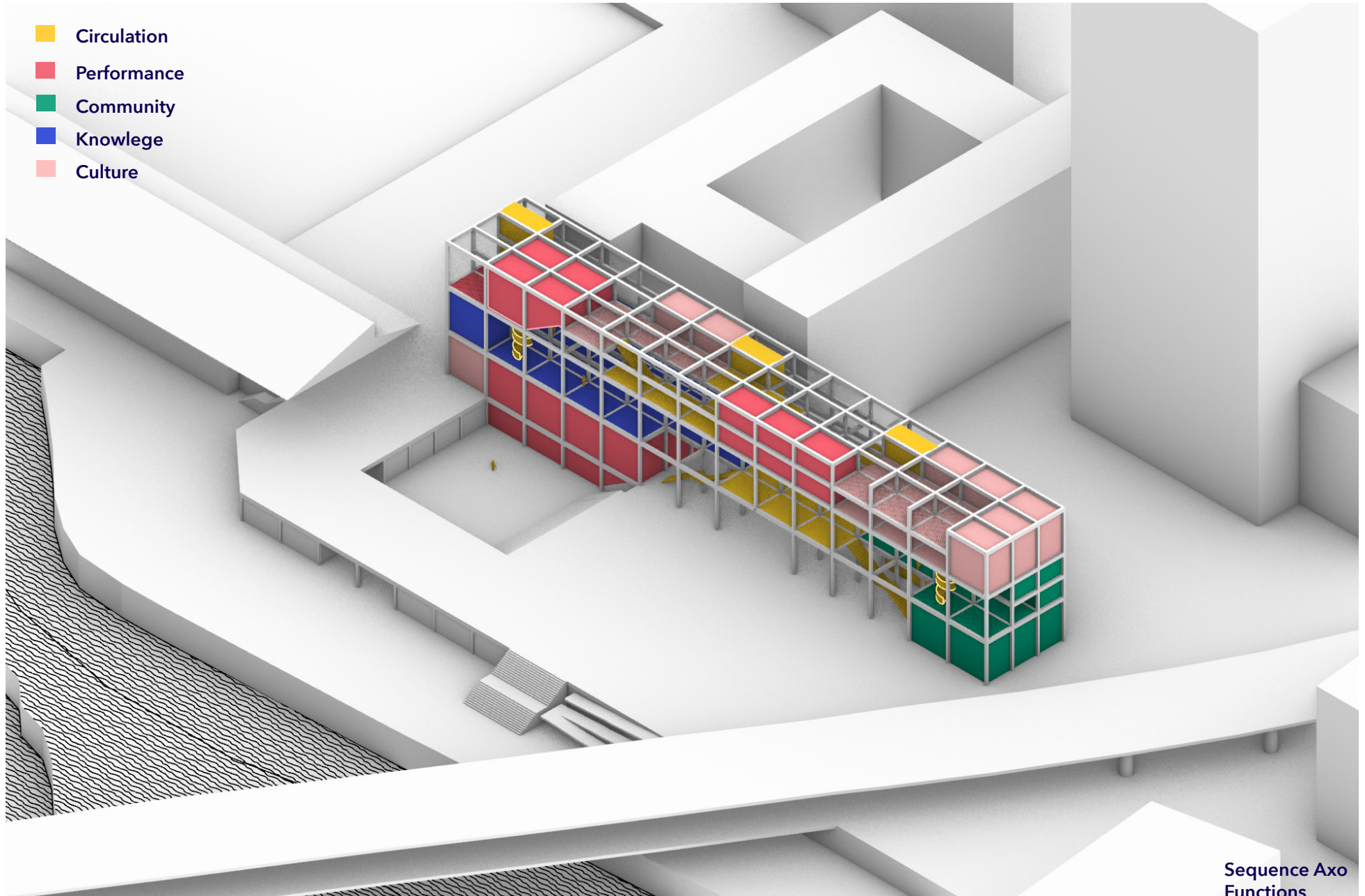




Sequence Axo
Functions



Sequence Axo
Functions



Sequence Axo
Functions

- Circulation
- Performance
- Community
- Knowledge
- Culture

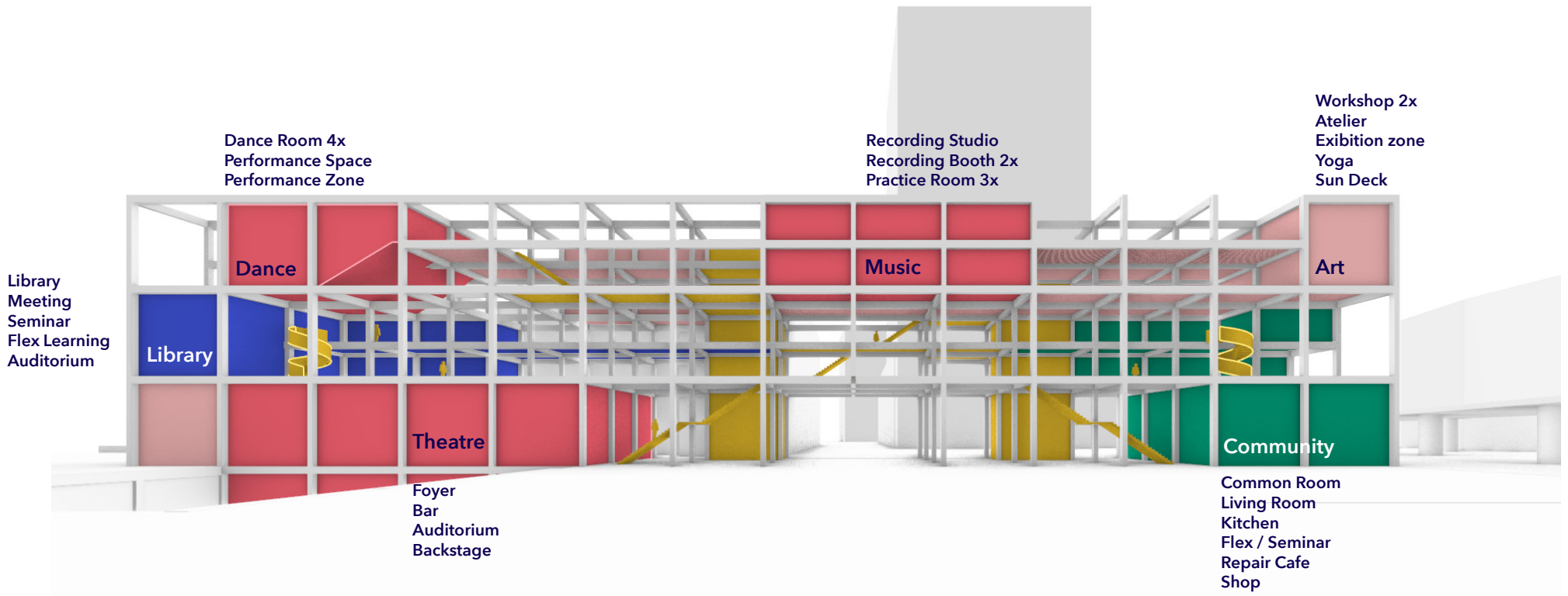
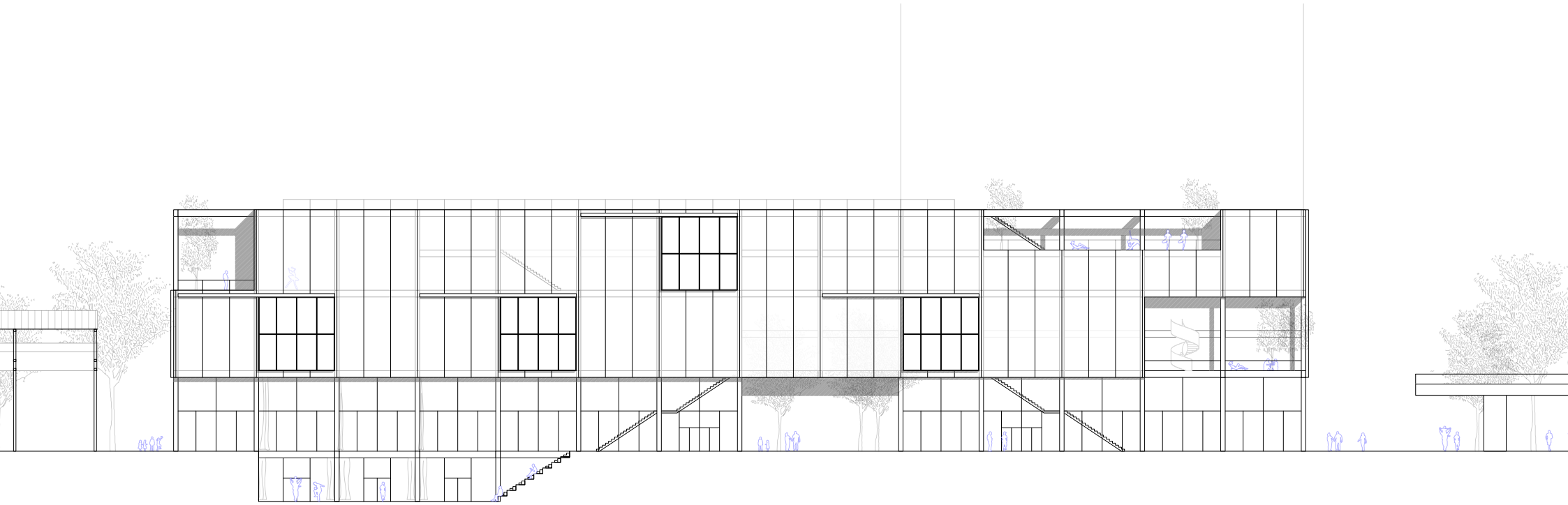
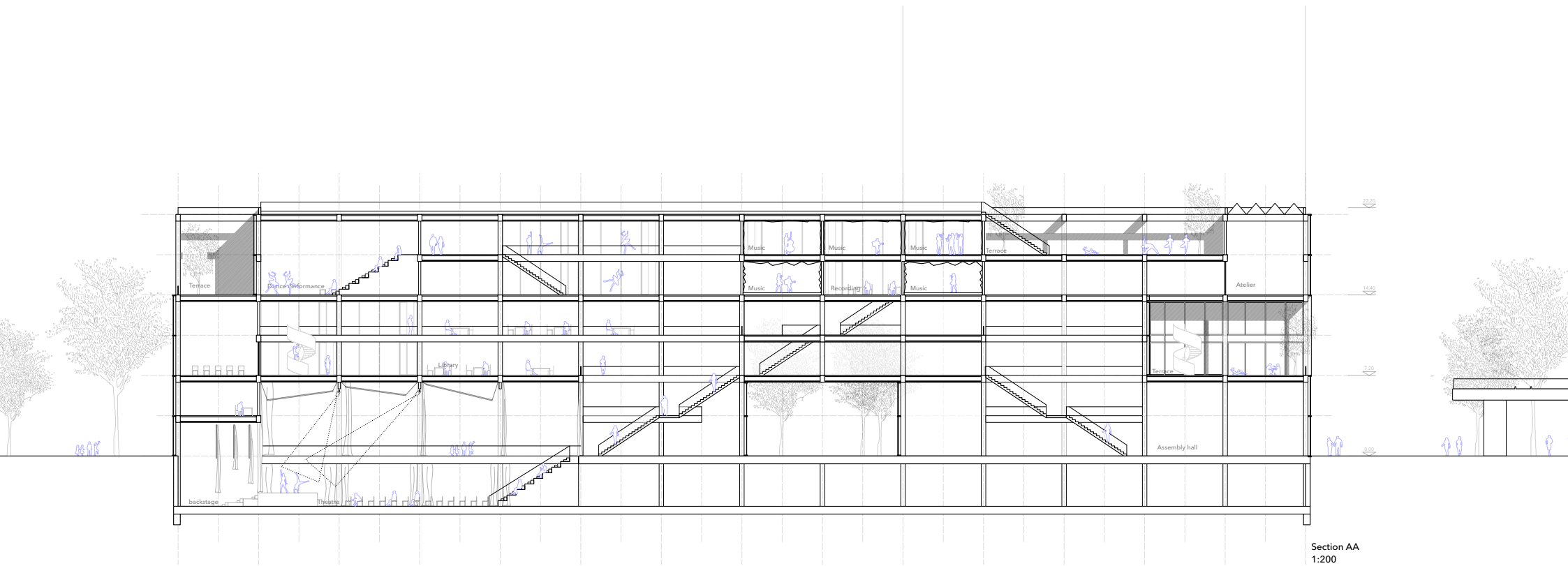
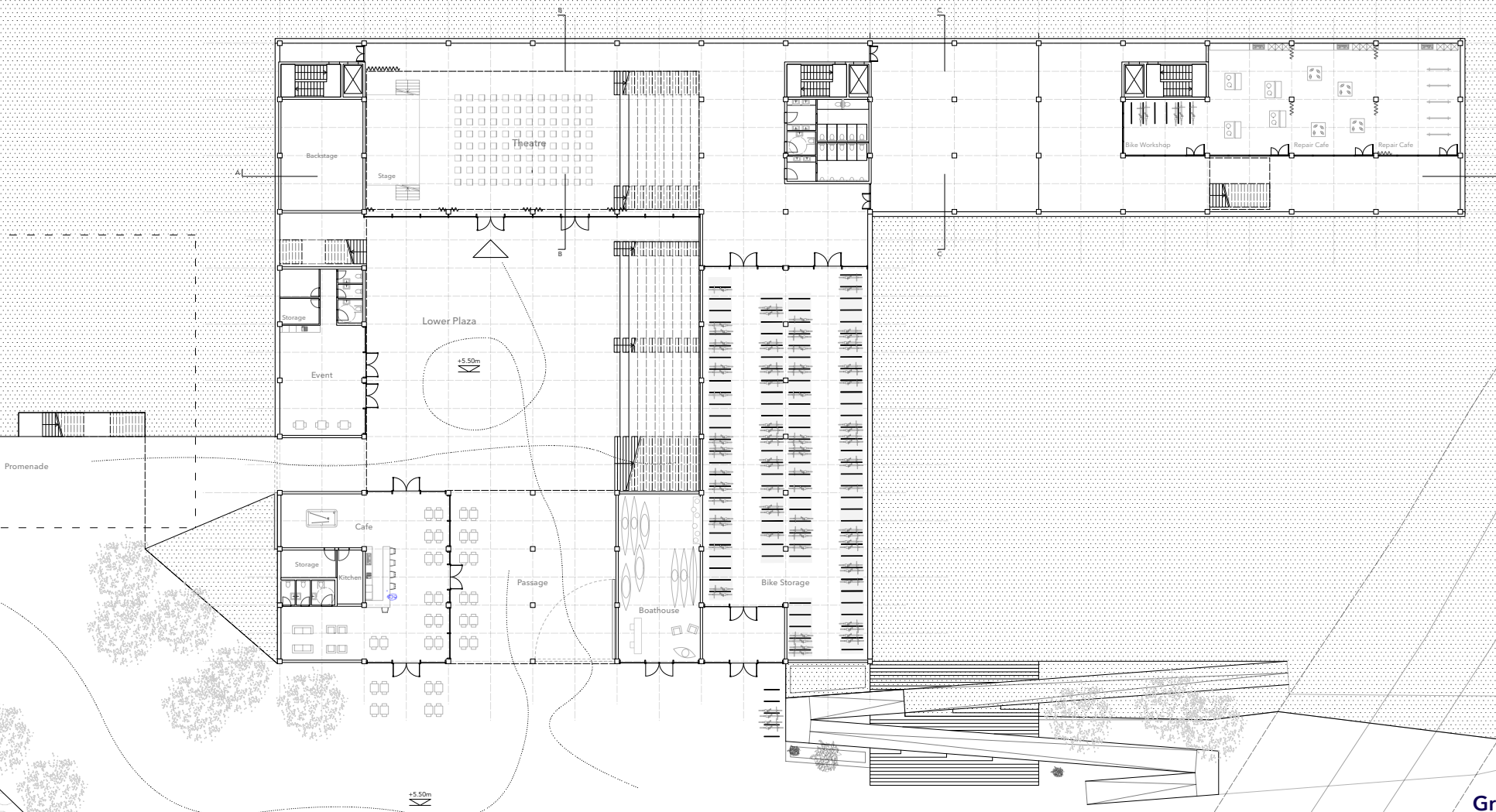


Diagram
Functions

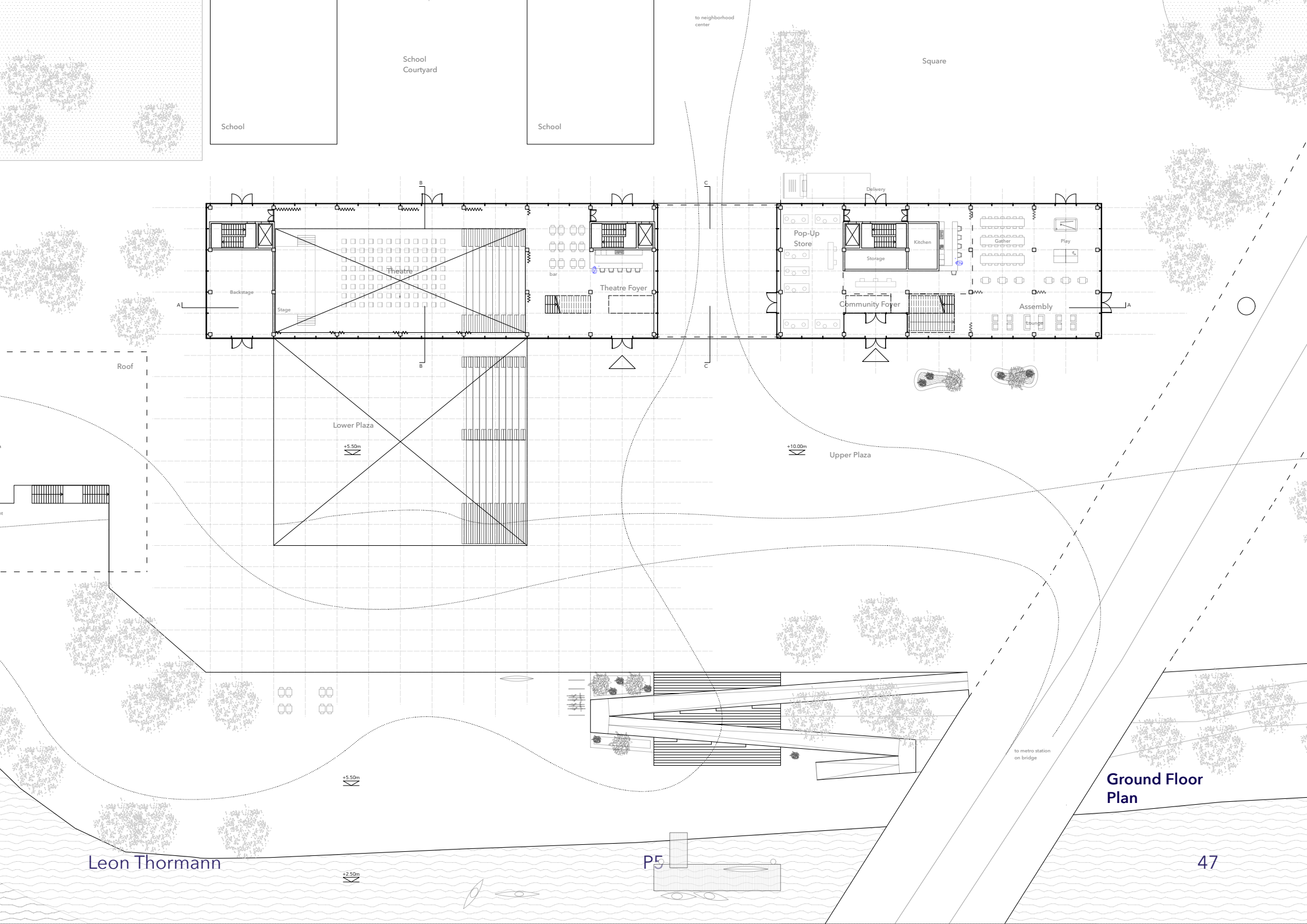


Elevation South
1:200



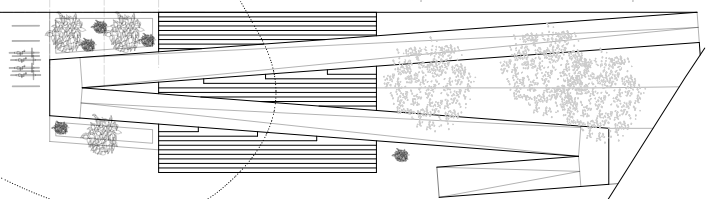
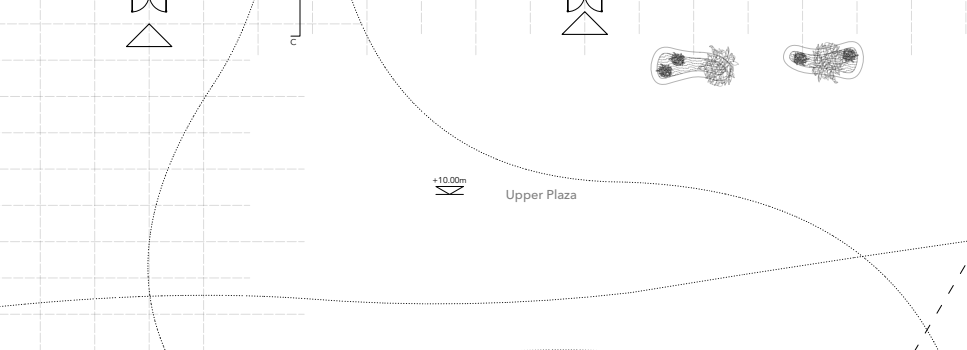
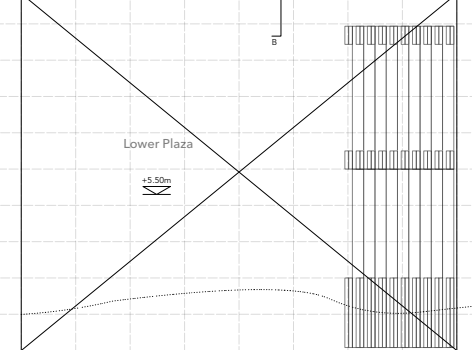
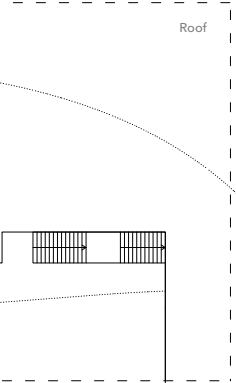
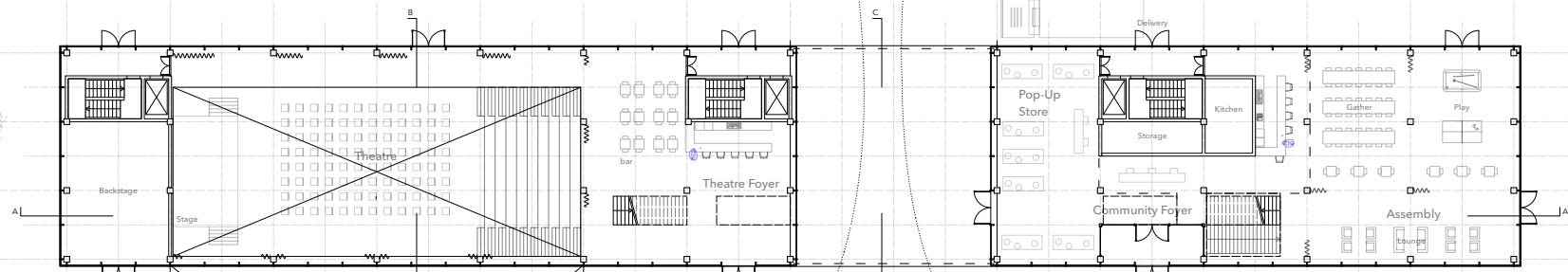


Ground Floor Plan



School
School Courtyard

School

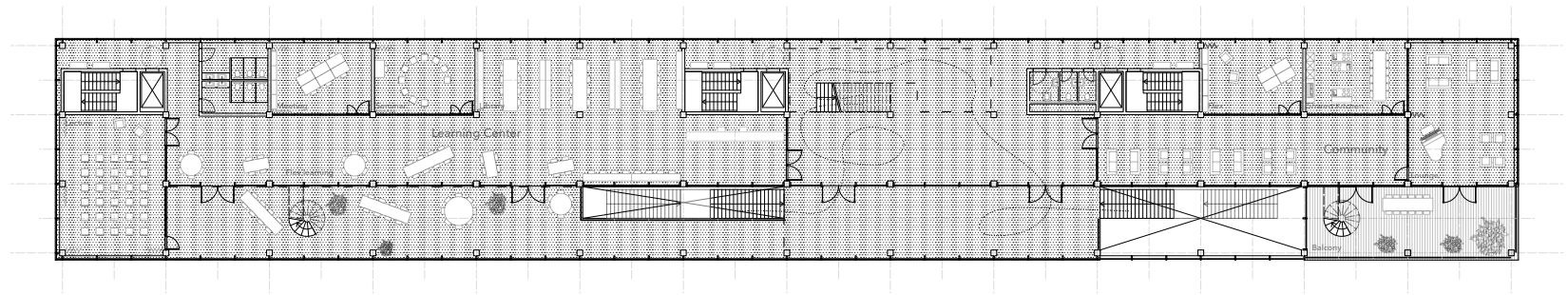


Ground Floor Plan

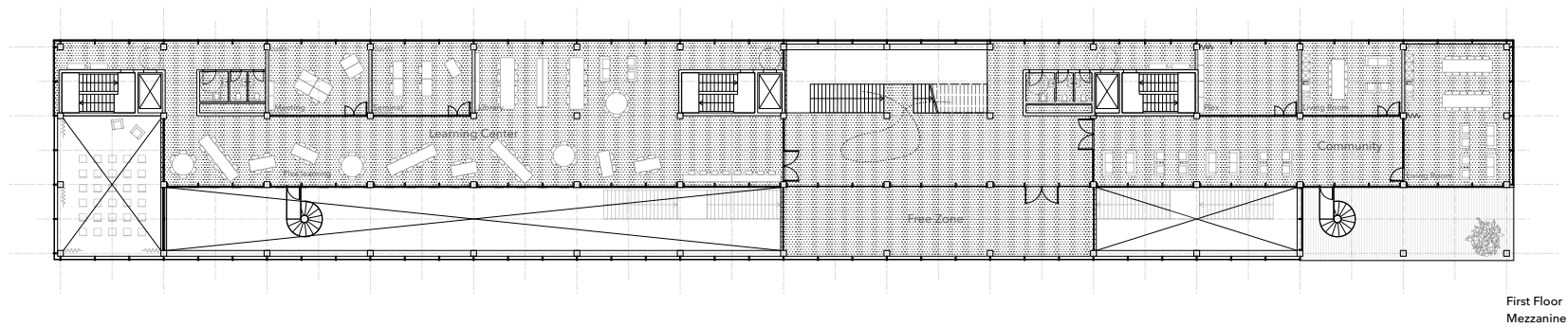
Leon Thormann

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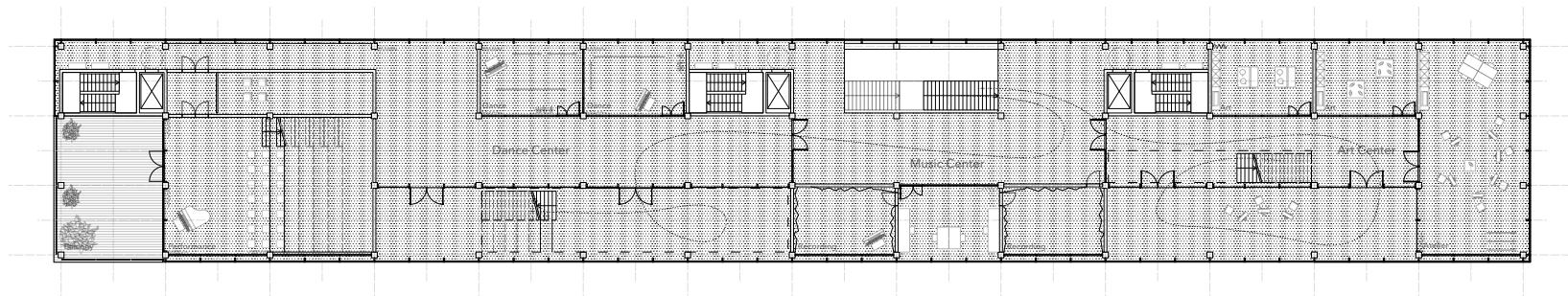
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First Floor
1:200

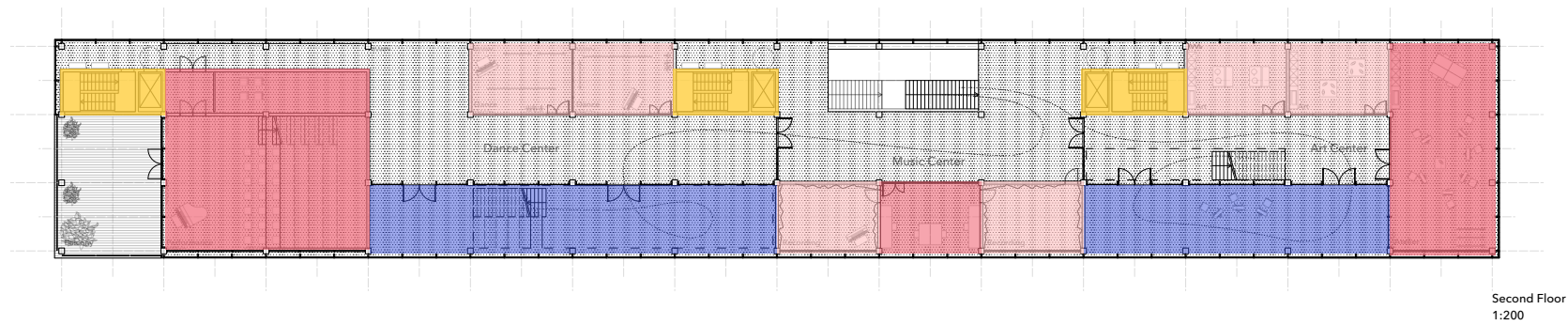


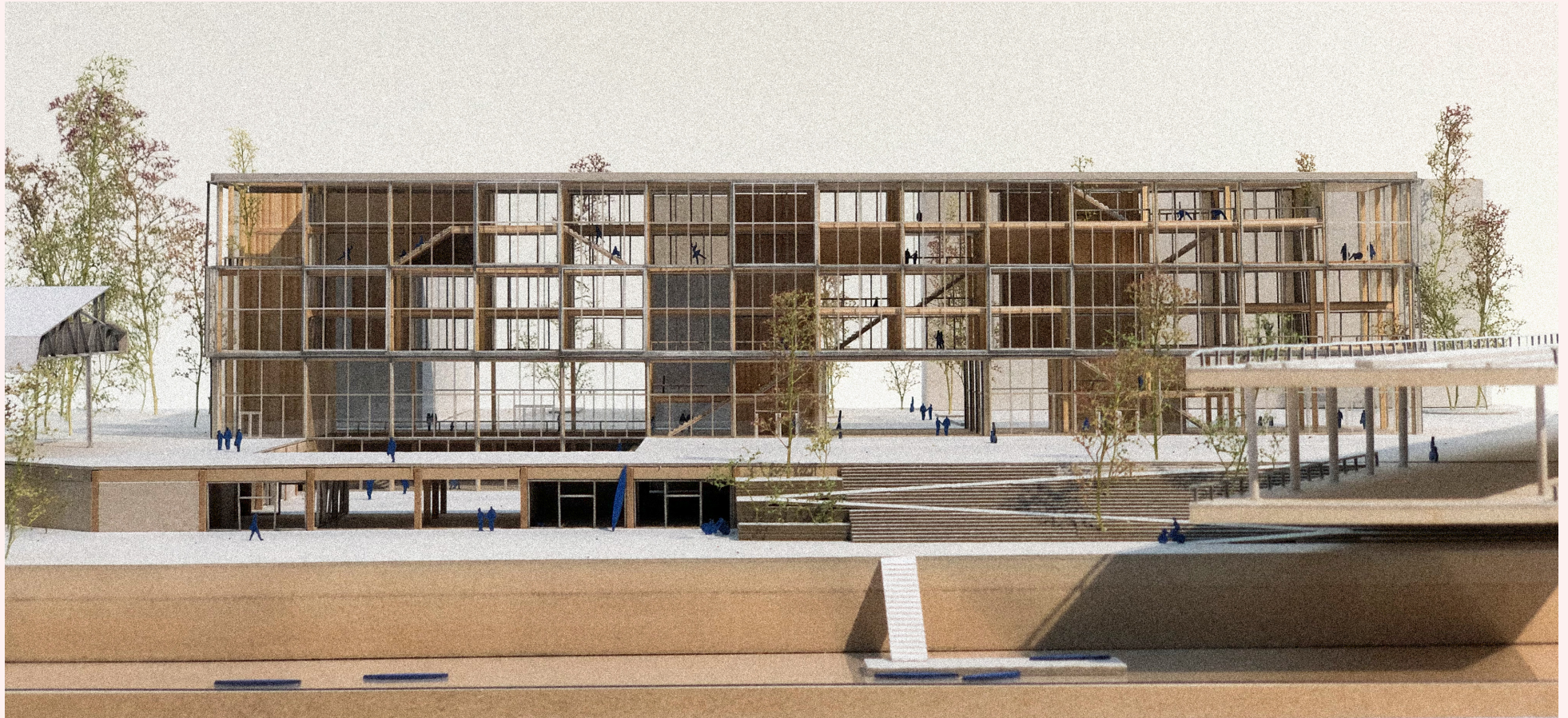
First Floor
Mezzanine

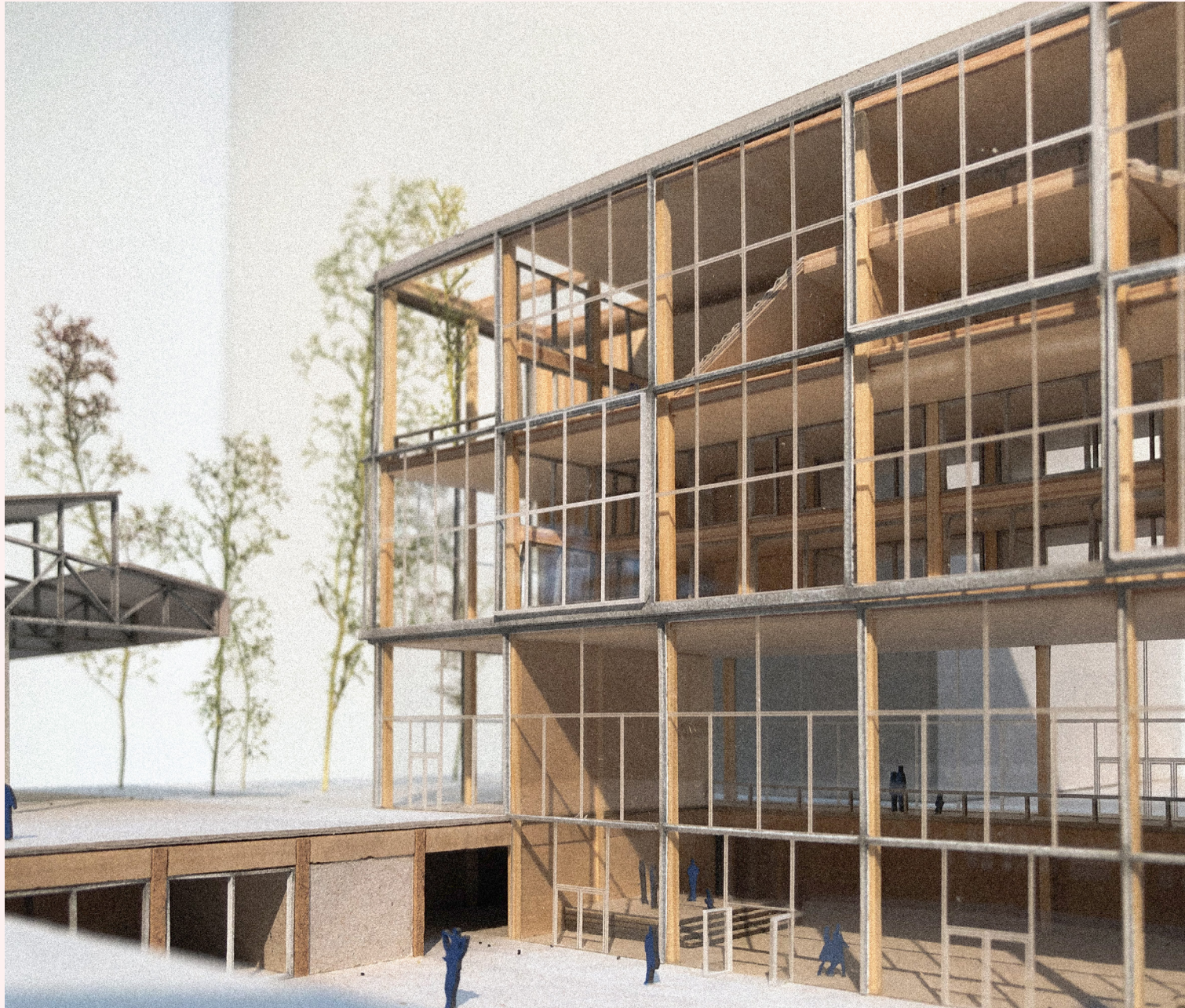


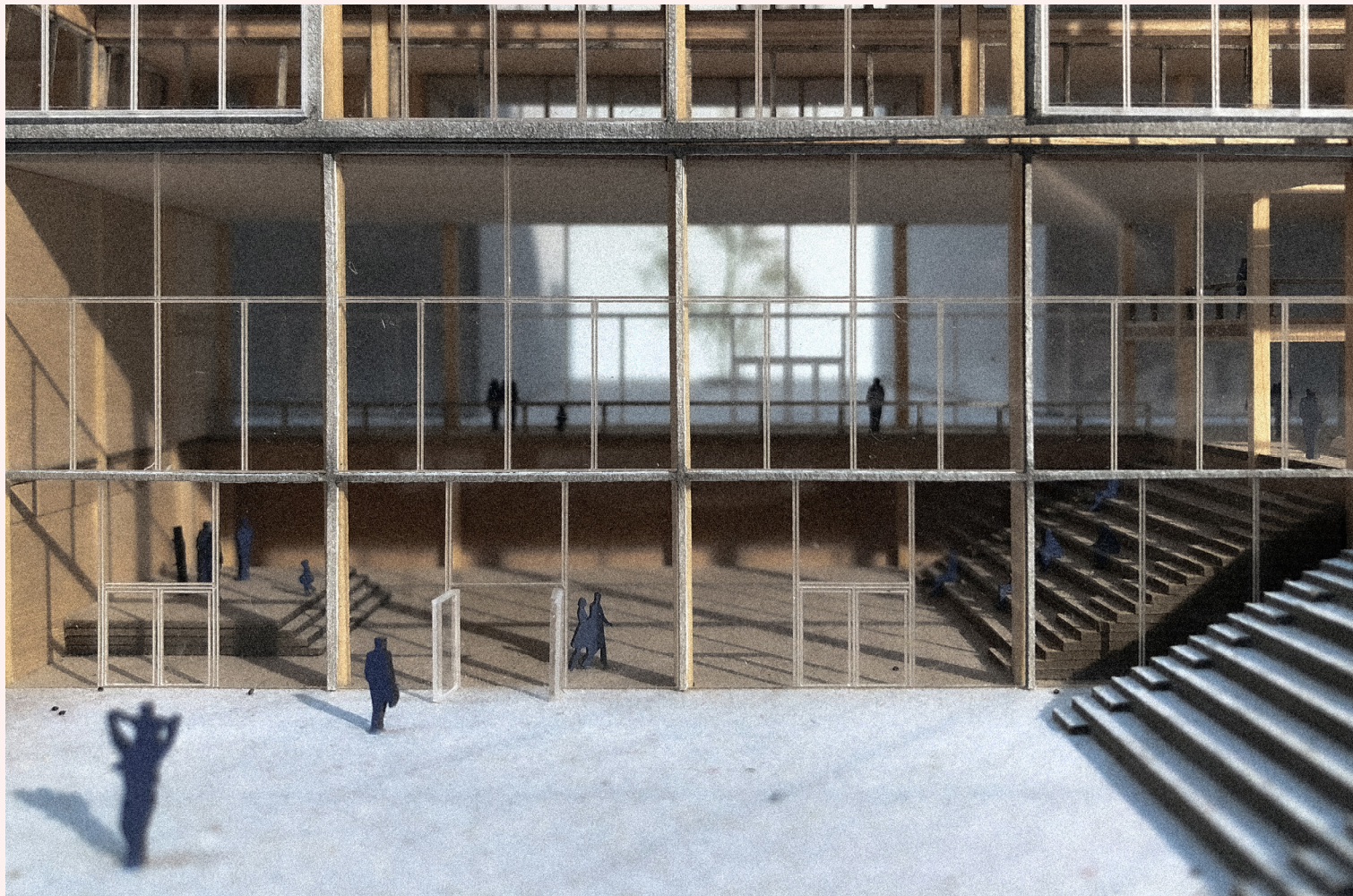
Second Floor
1:200

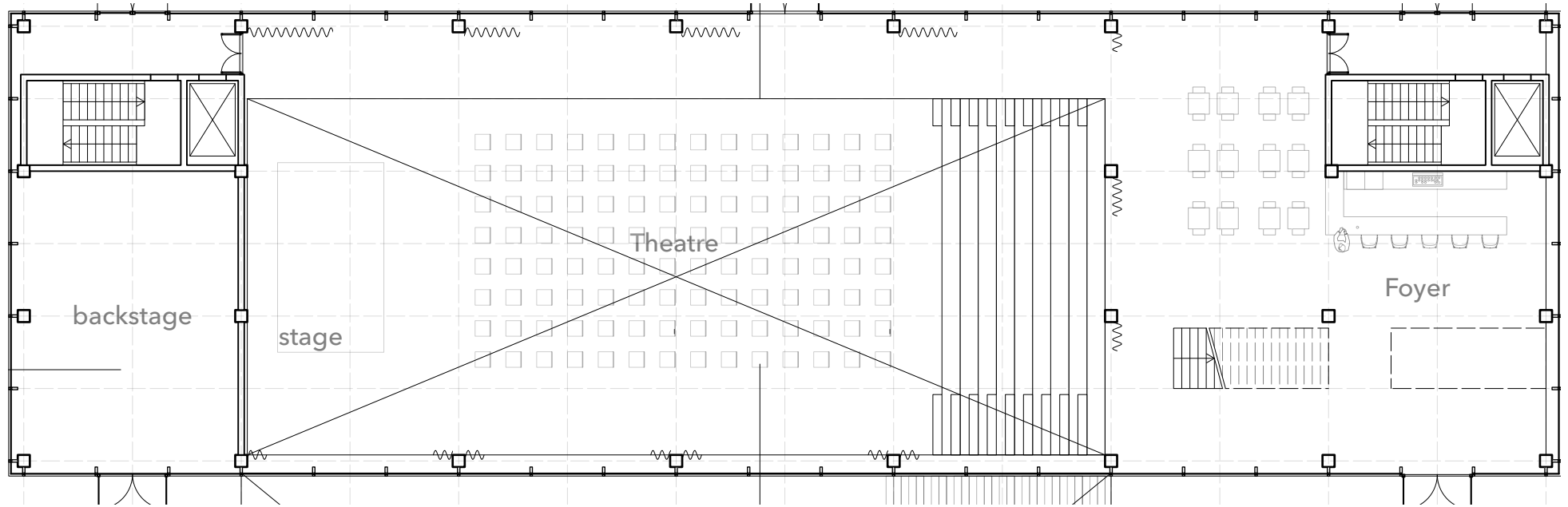
- Circulation Cores
- Flex Spaces
- Specific Space
- Buffer Zone



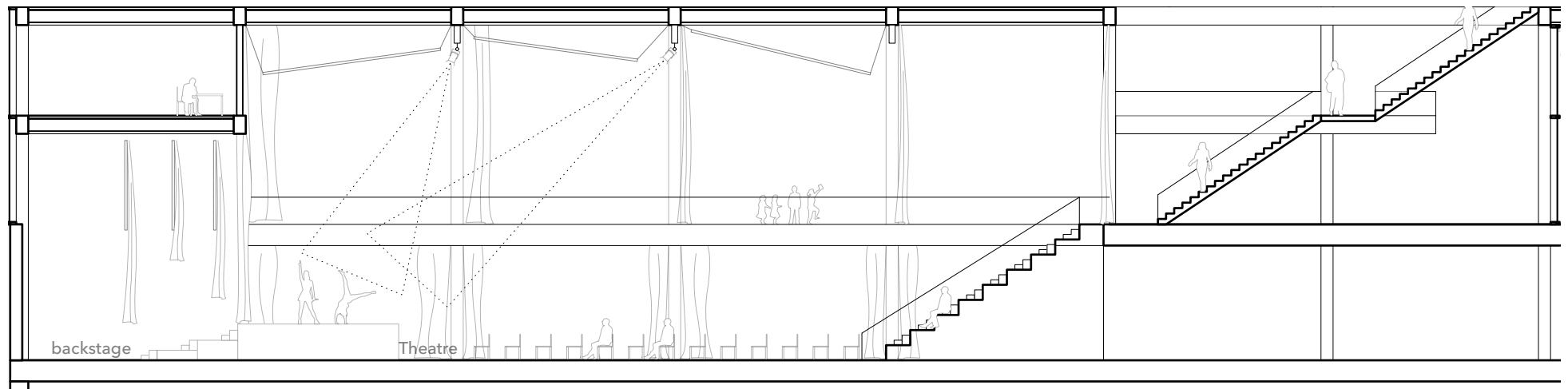








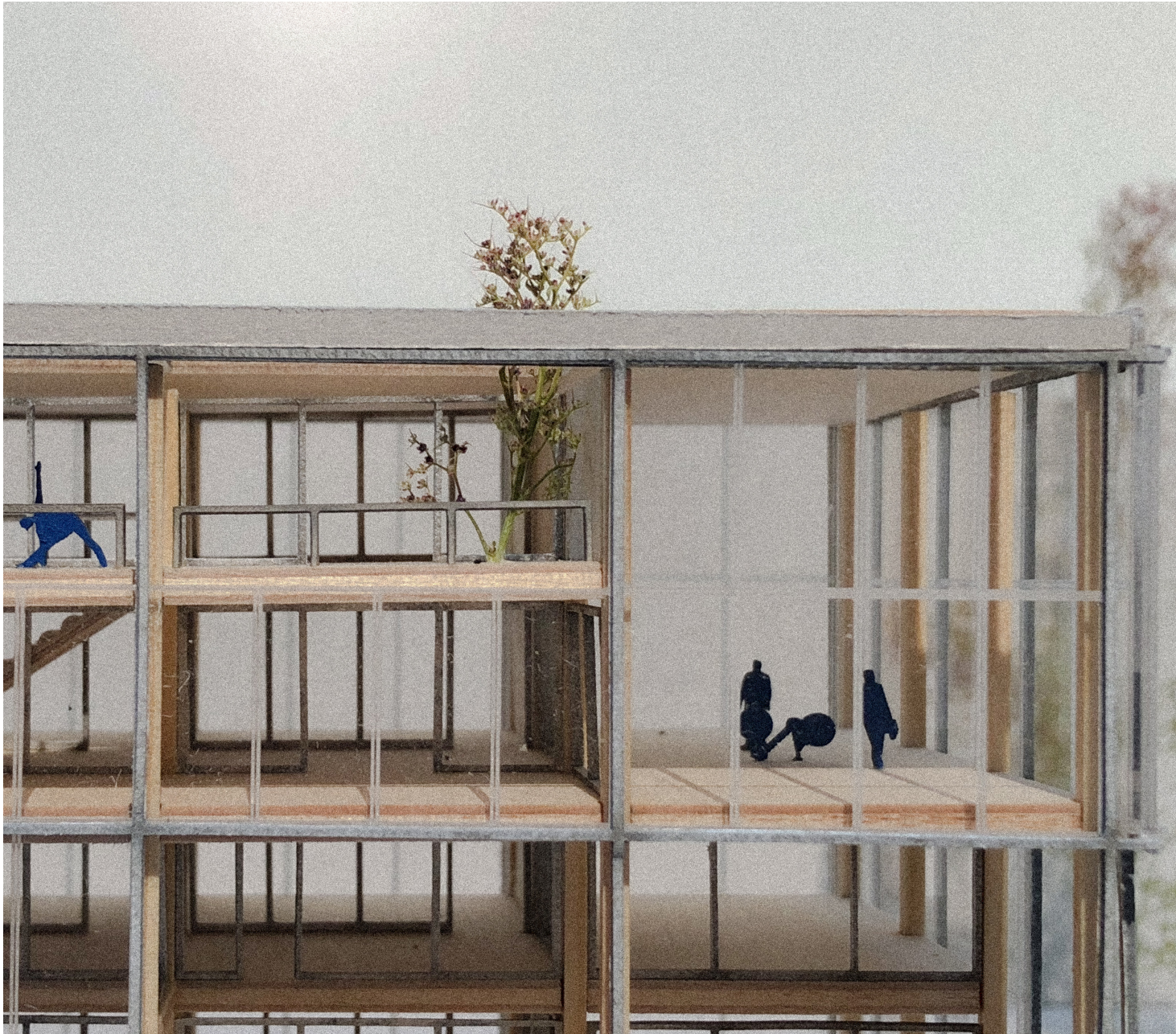
Ground Floor
Plan 0



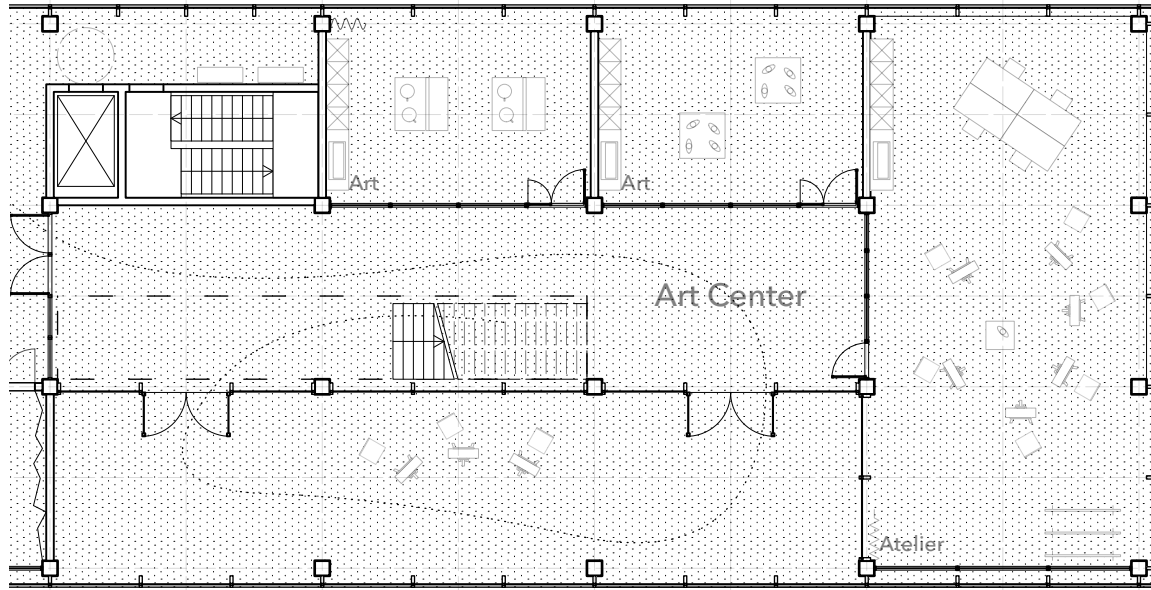
Section



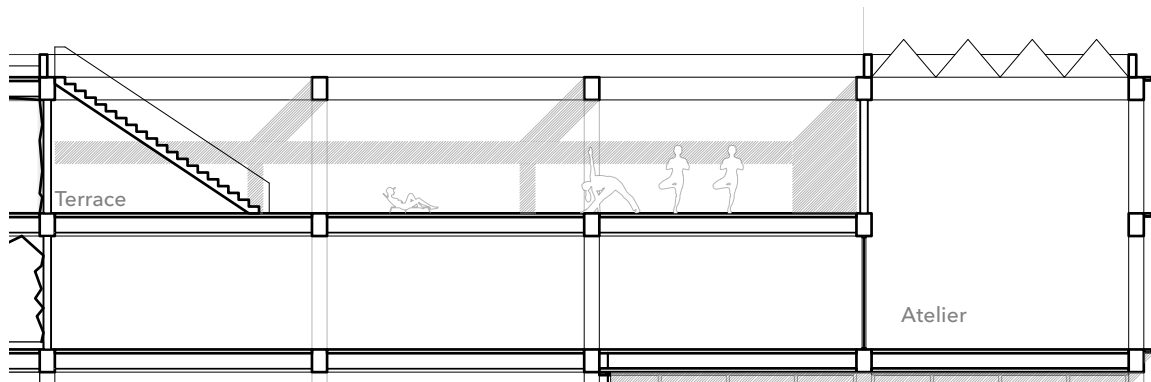
Impression
Theatre



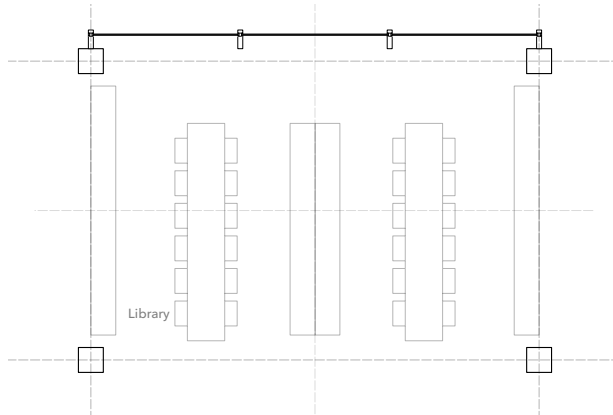
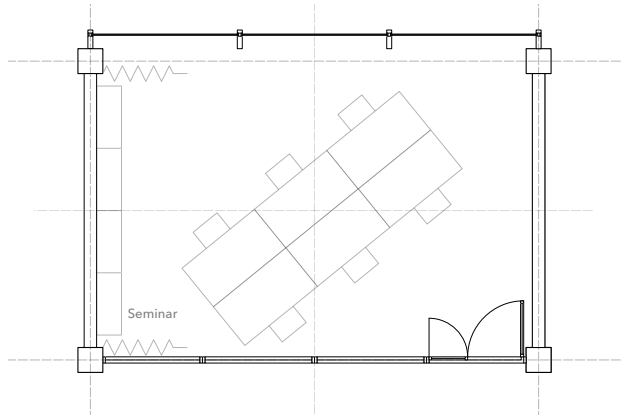
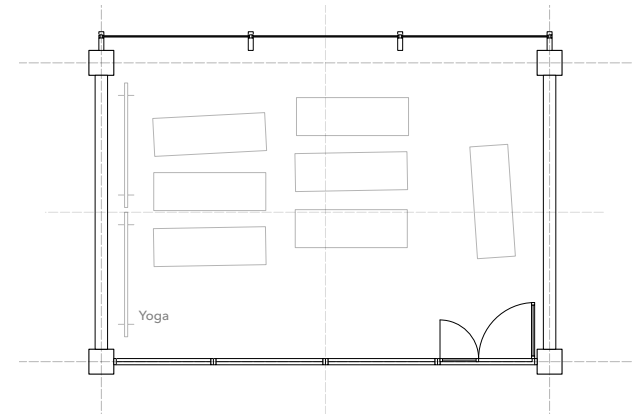
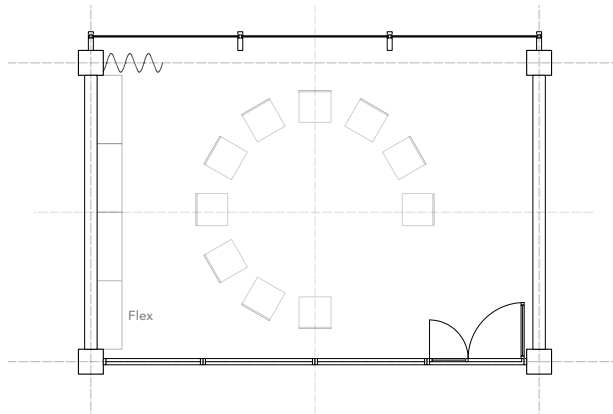
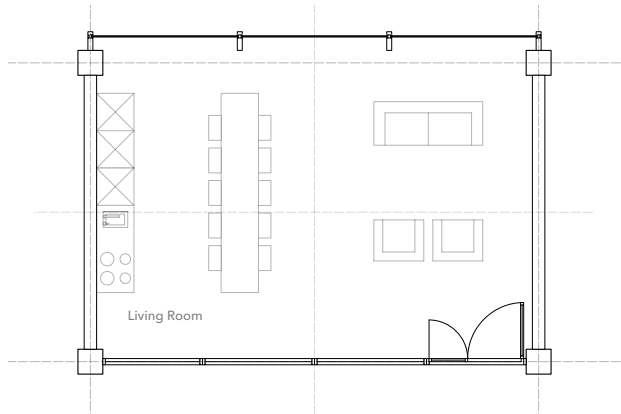
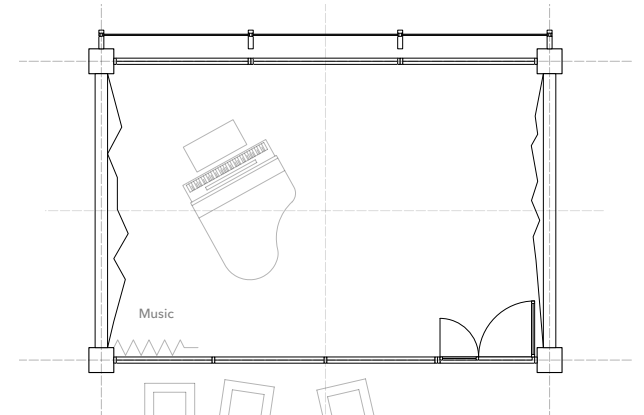
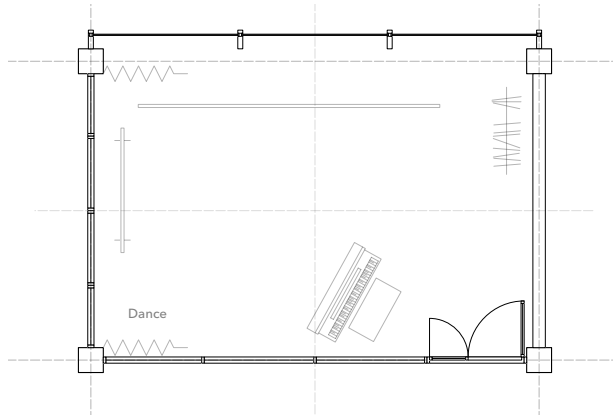
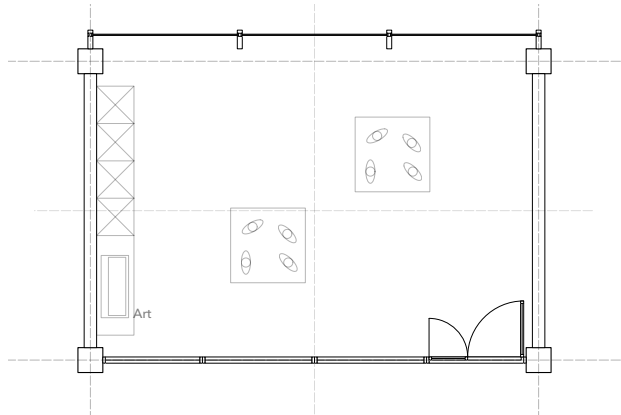
Art

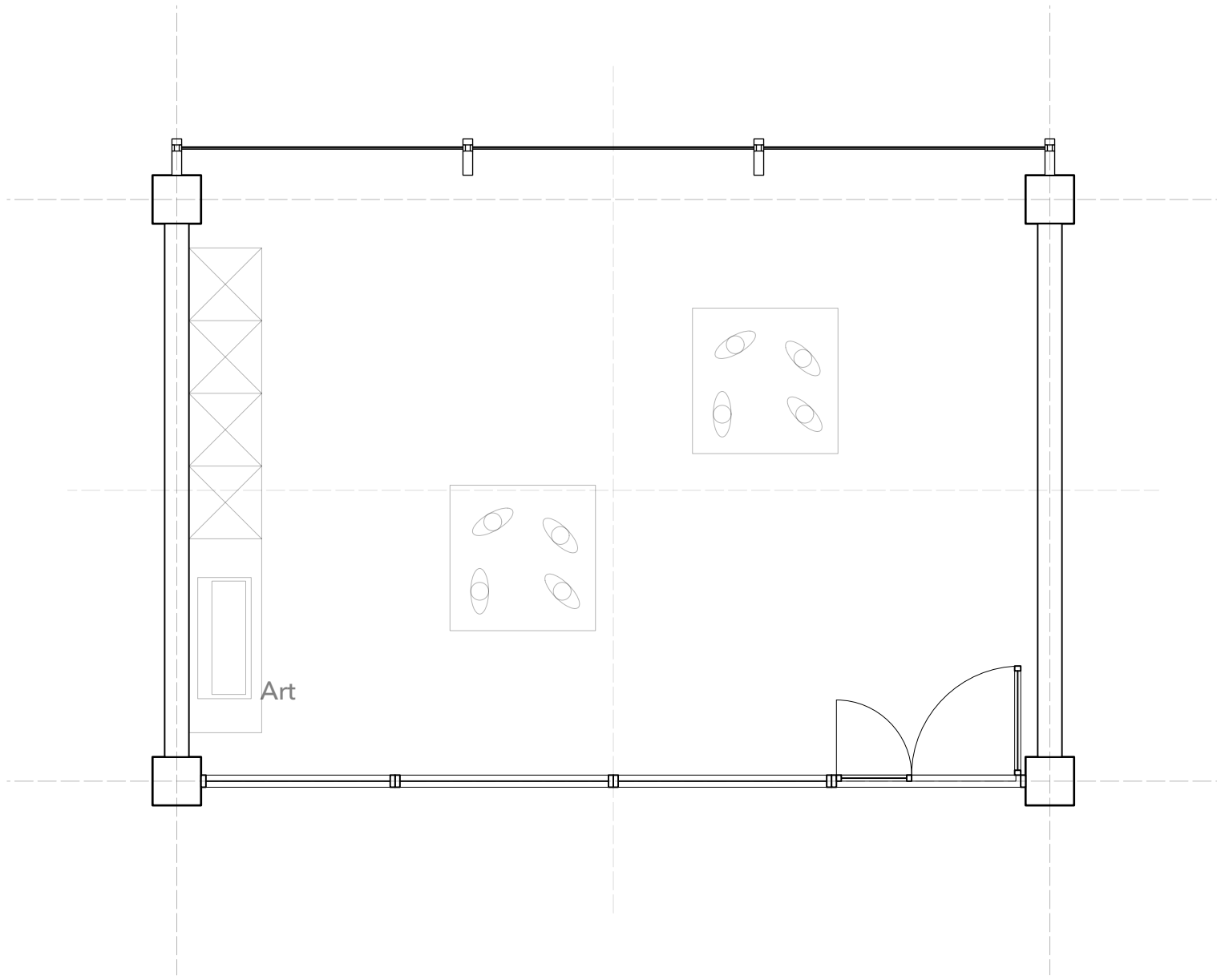


Upper Floor
Plan +2

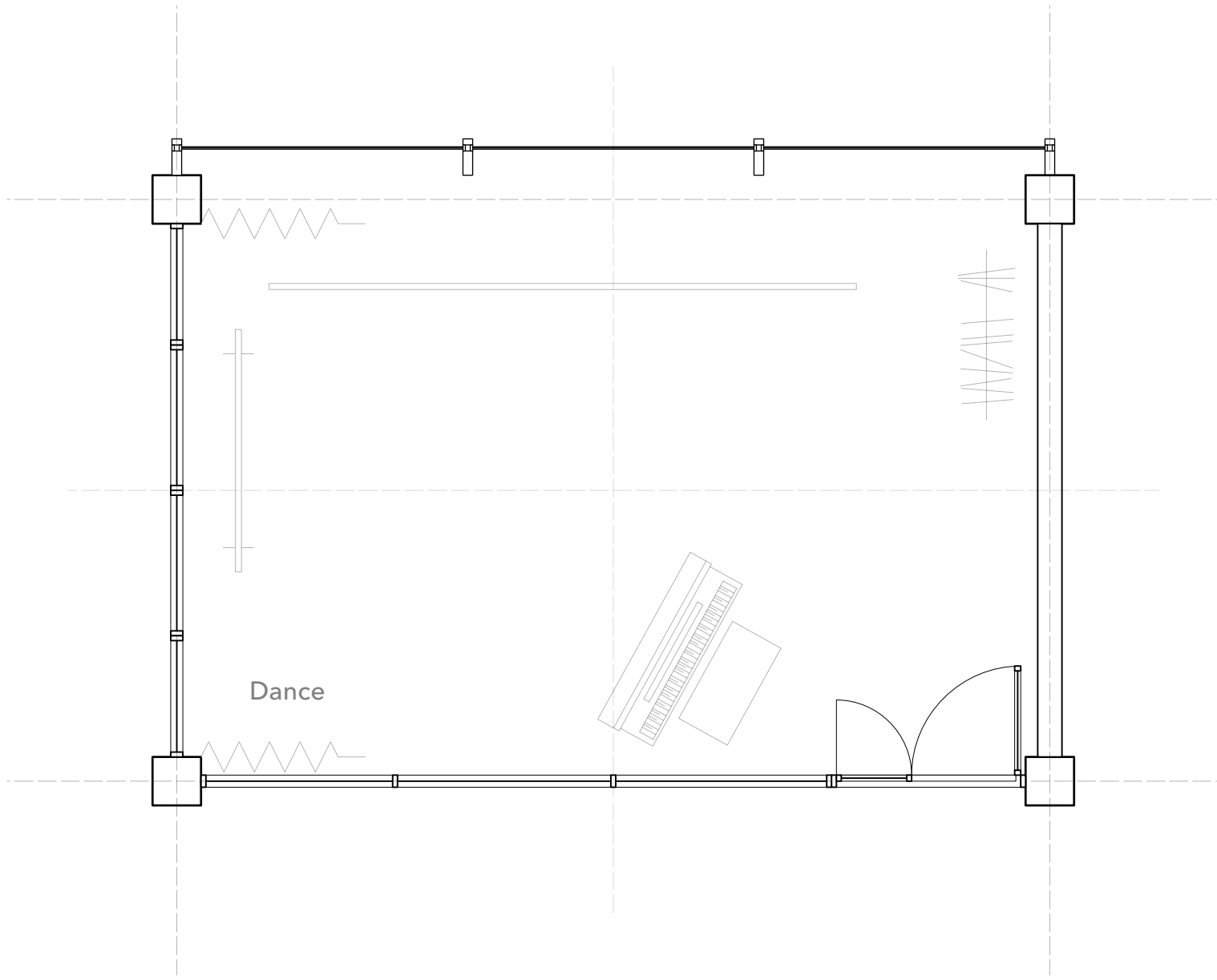


Upper Floor
Section

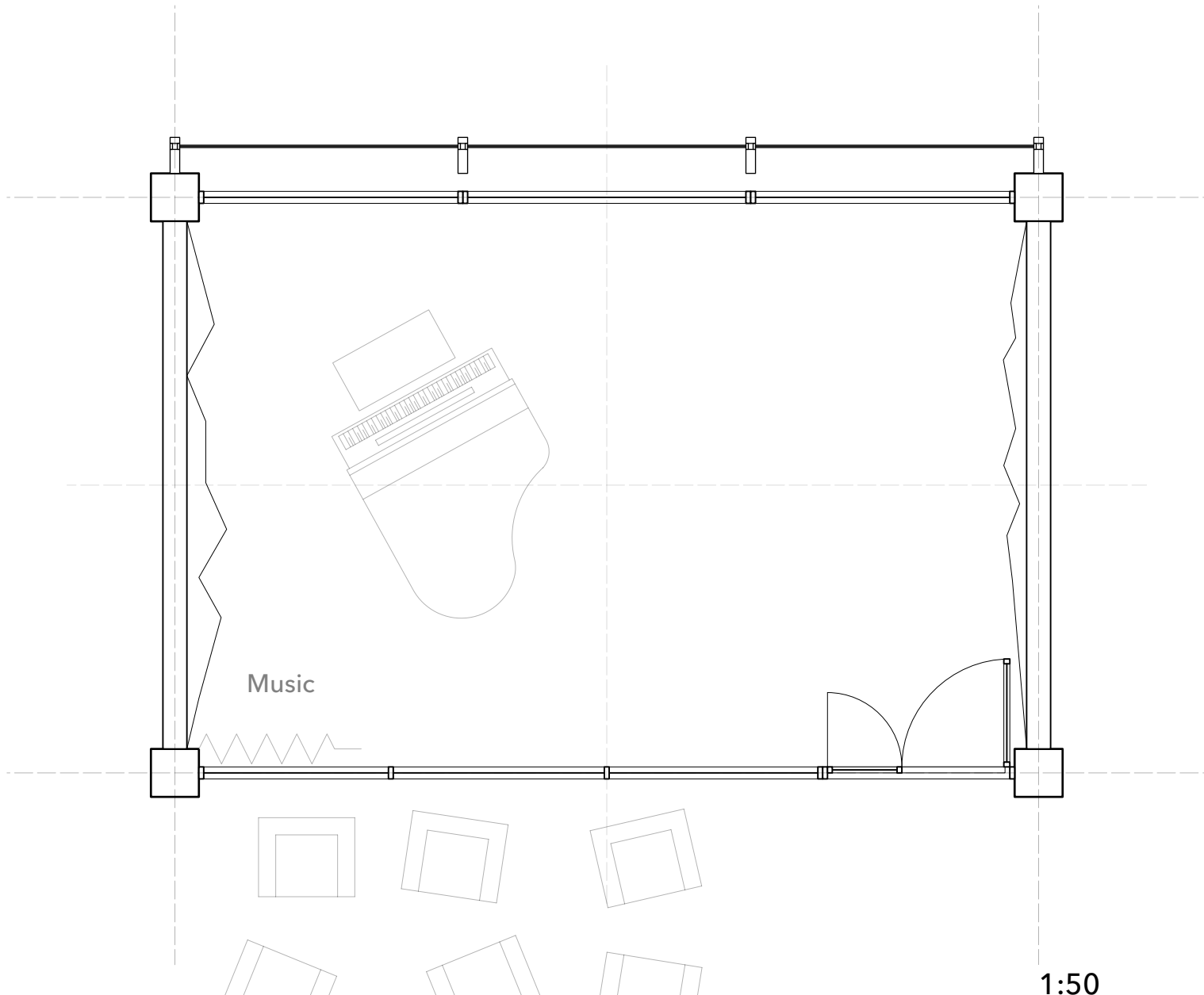


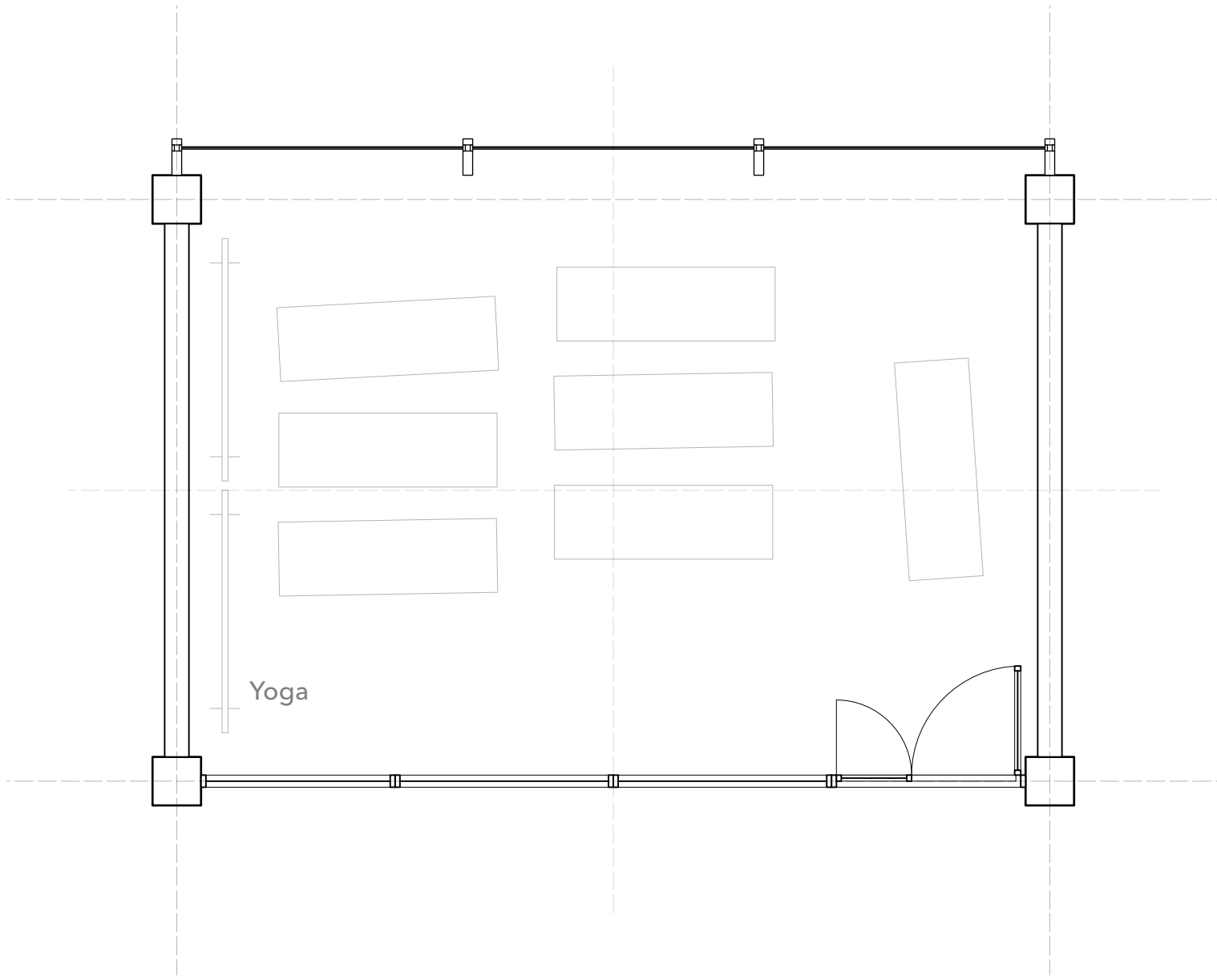


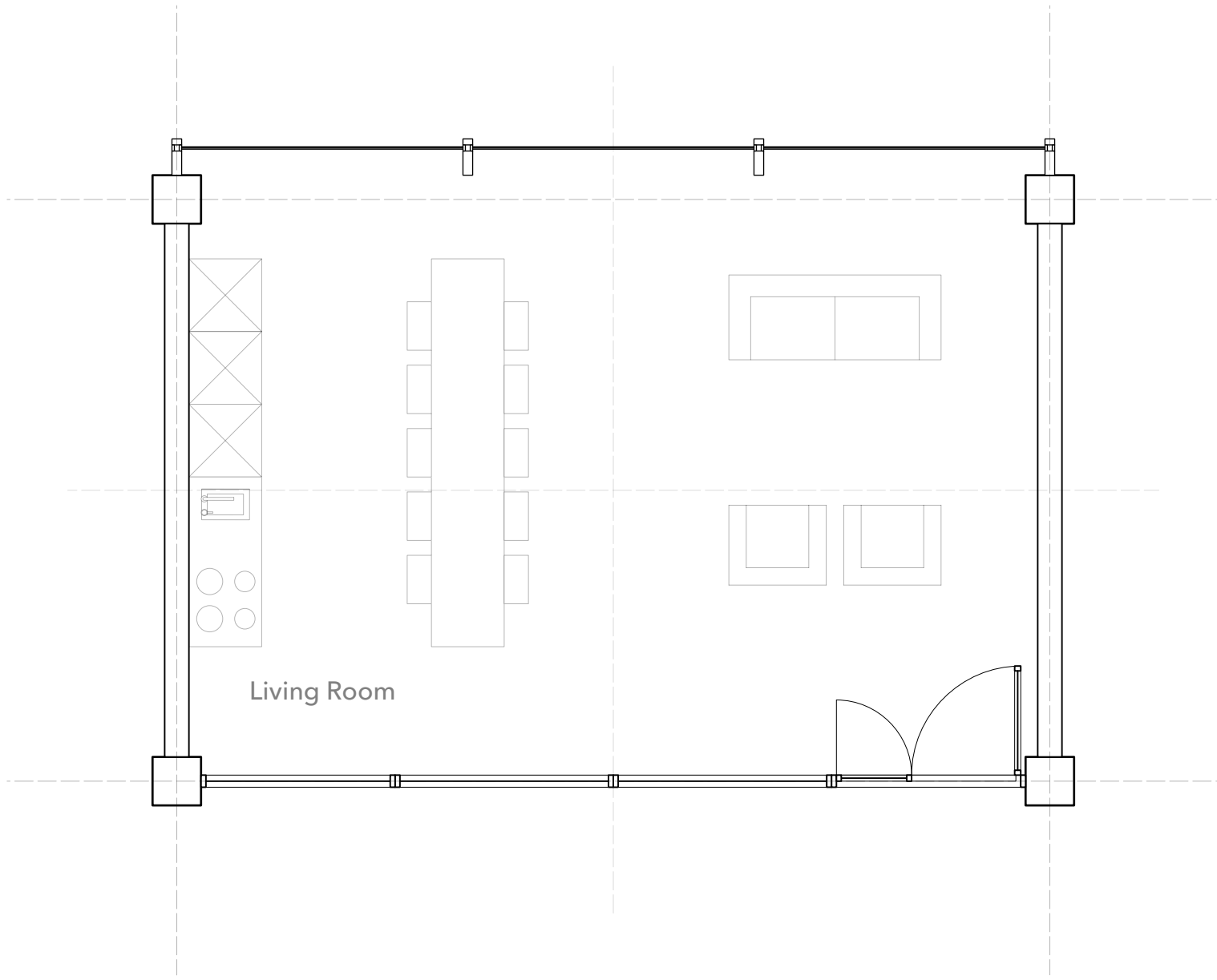
1:50



1:50

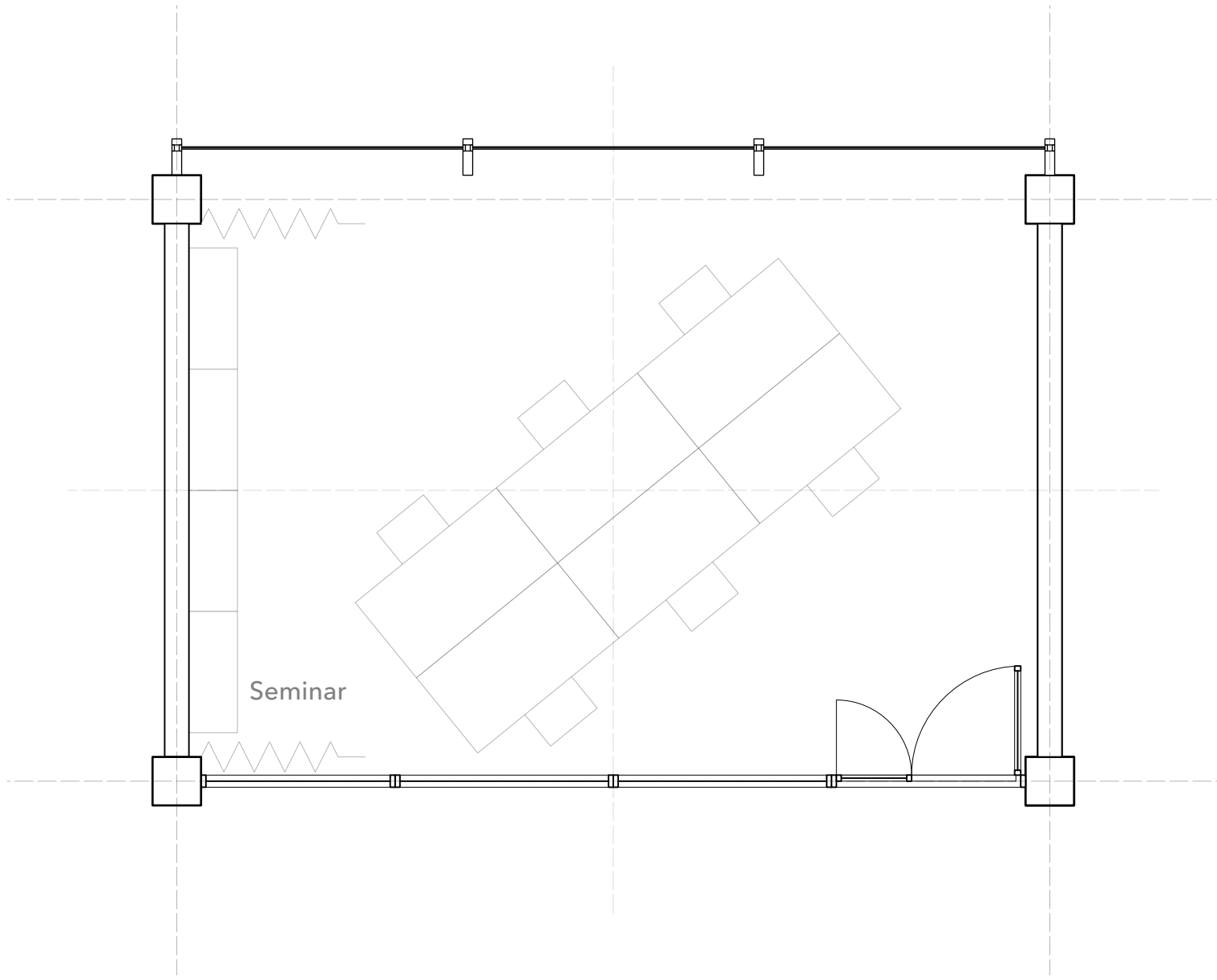




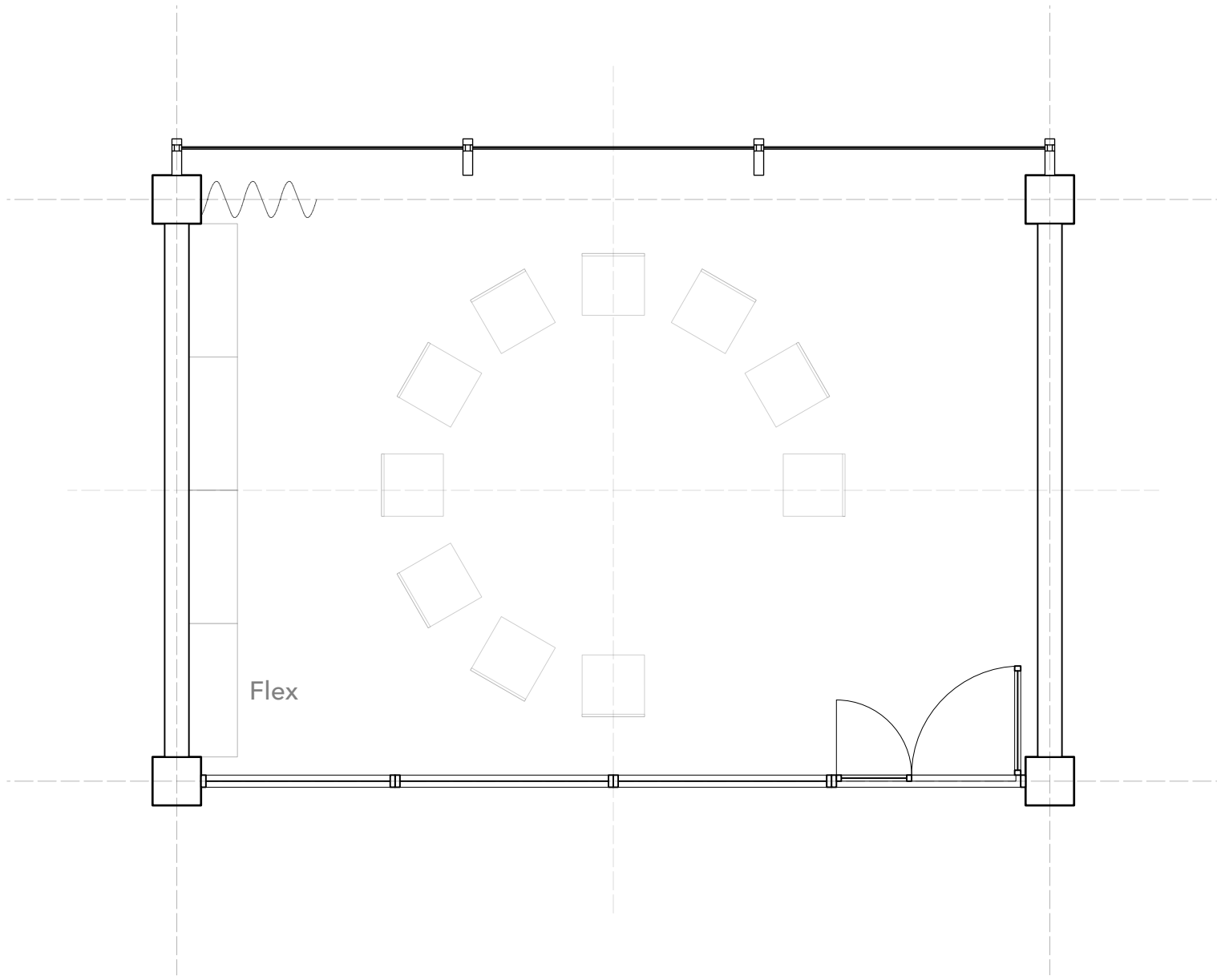


Living Room

1:50

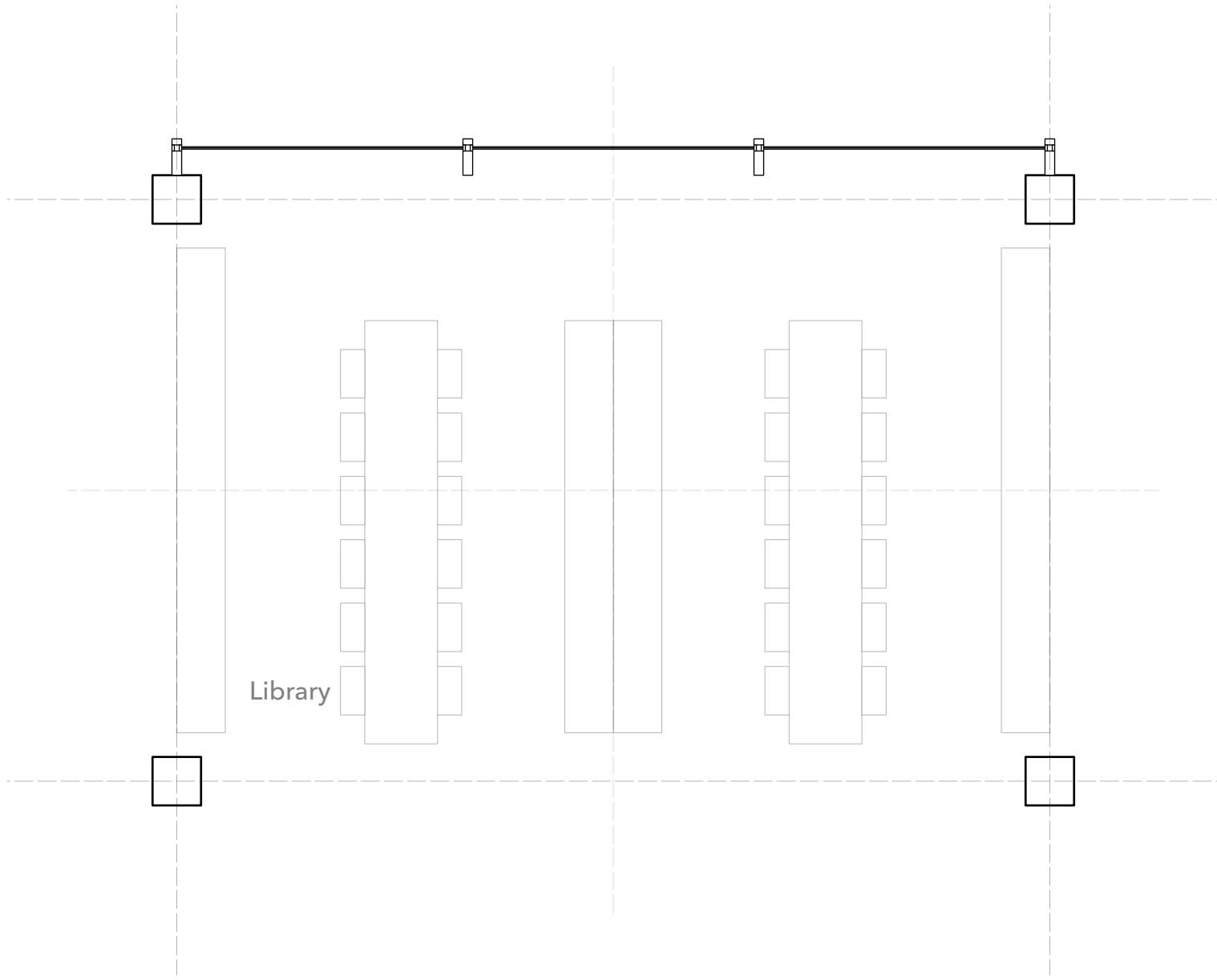


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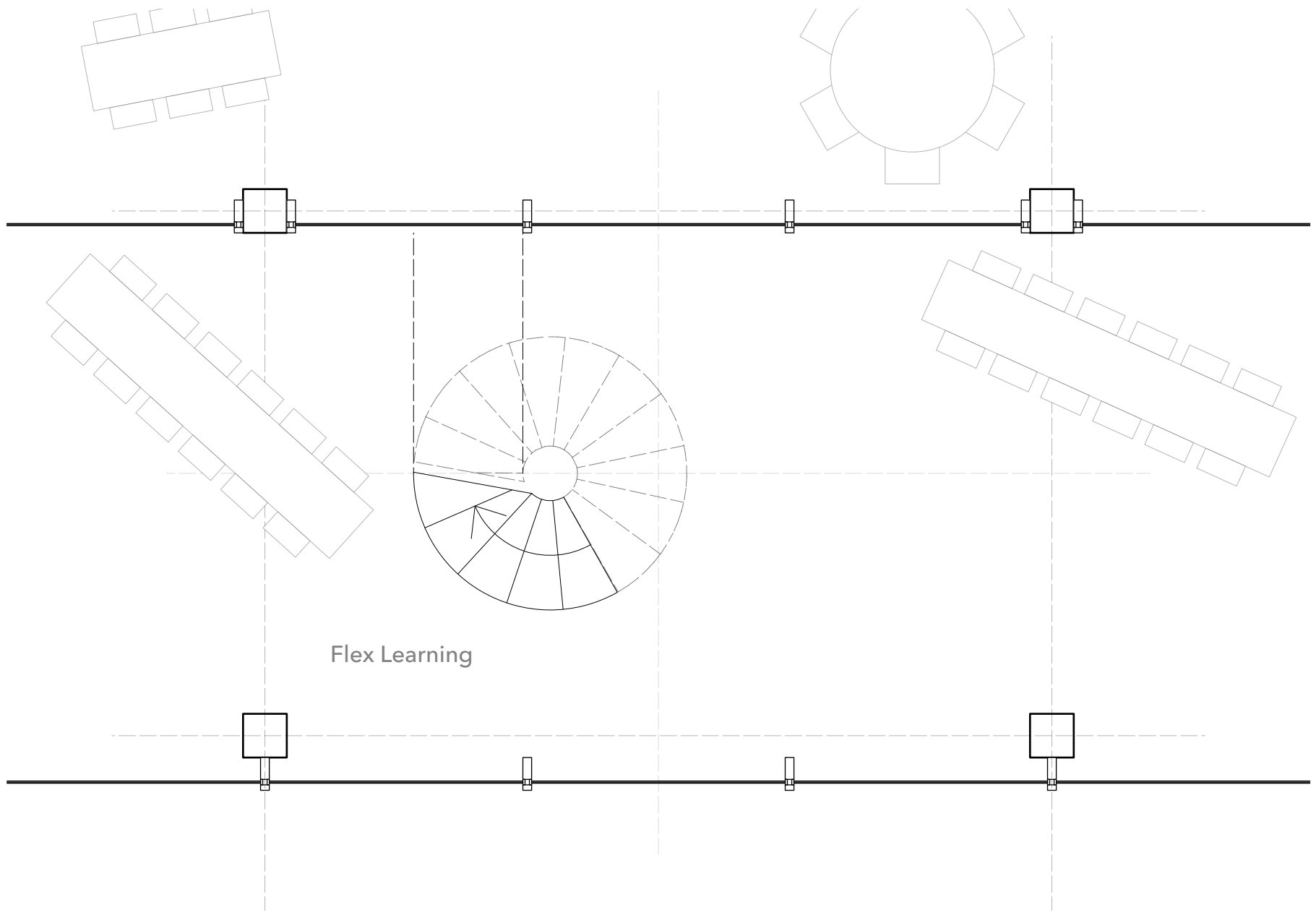


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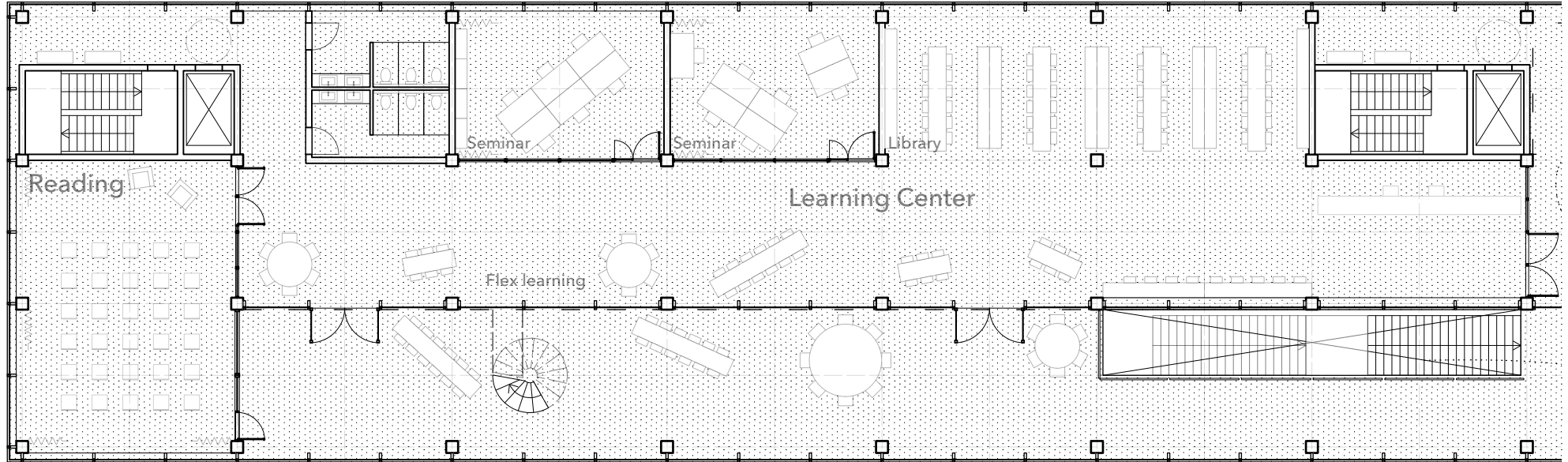




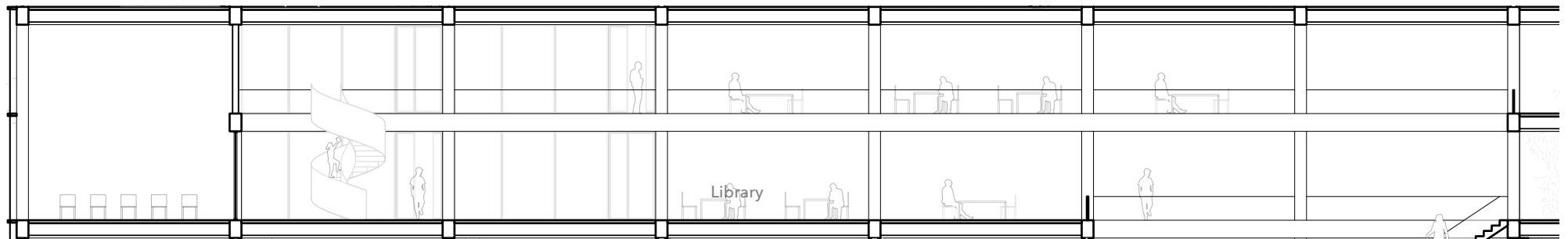
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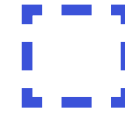
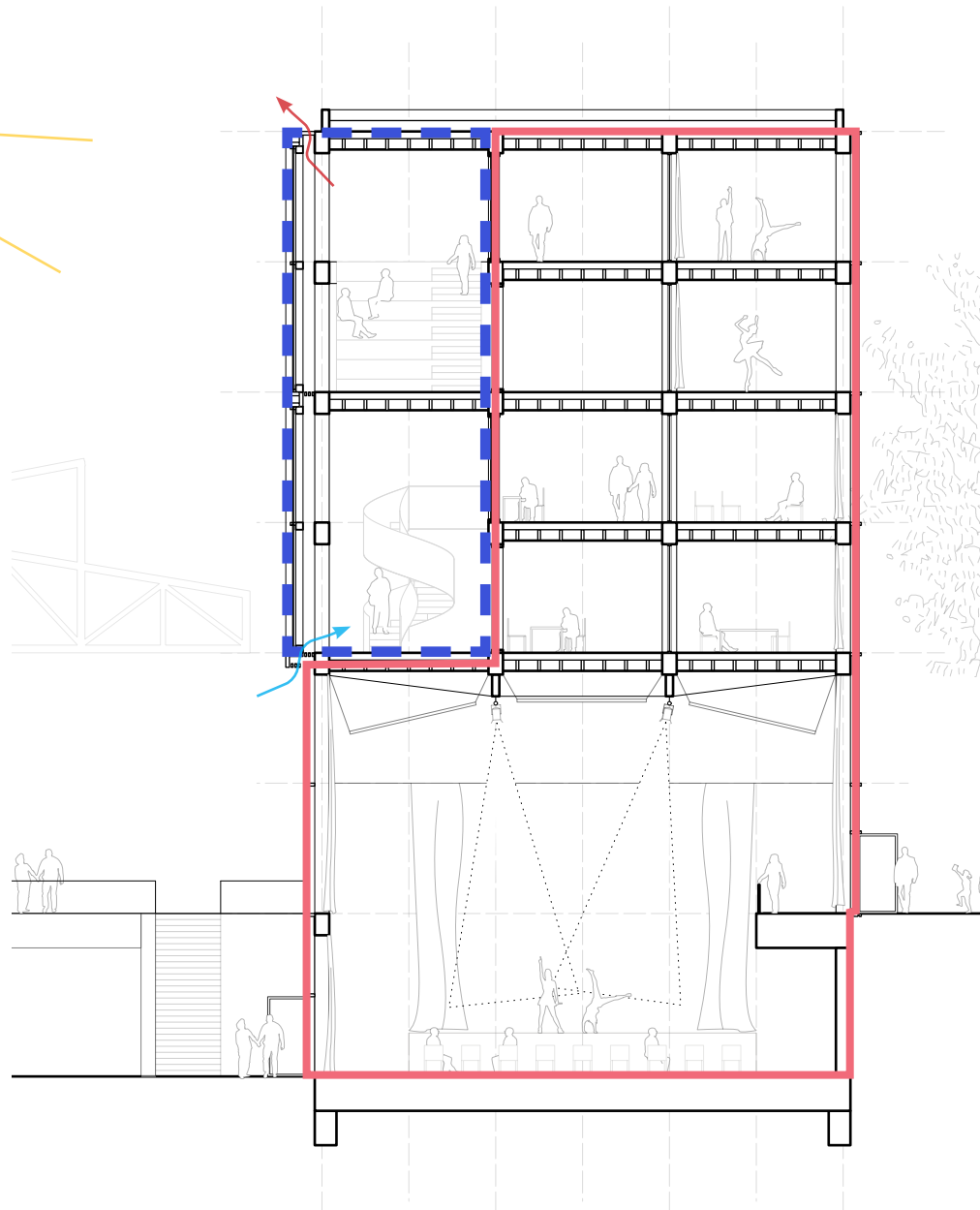
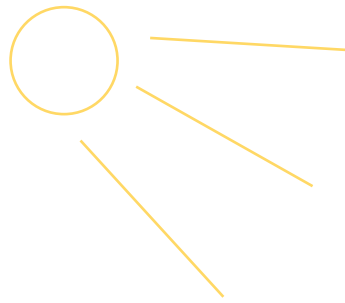




Upper Level
Plan +1



Upper Level
Section



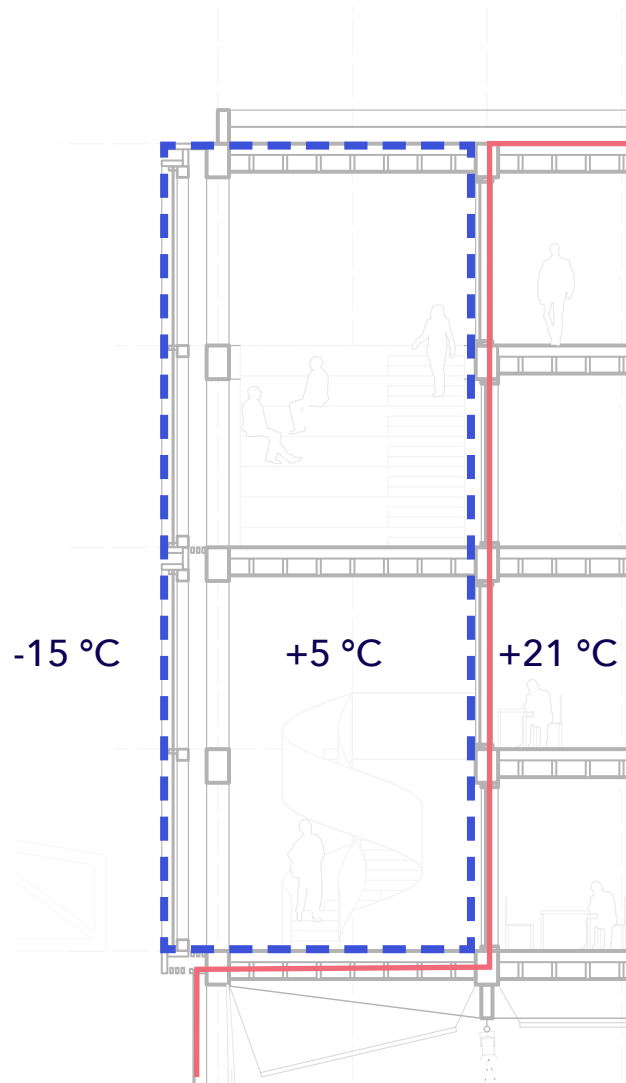
Buffer Zone
(Wintergarden)



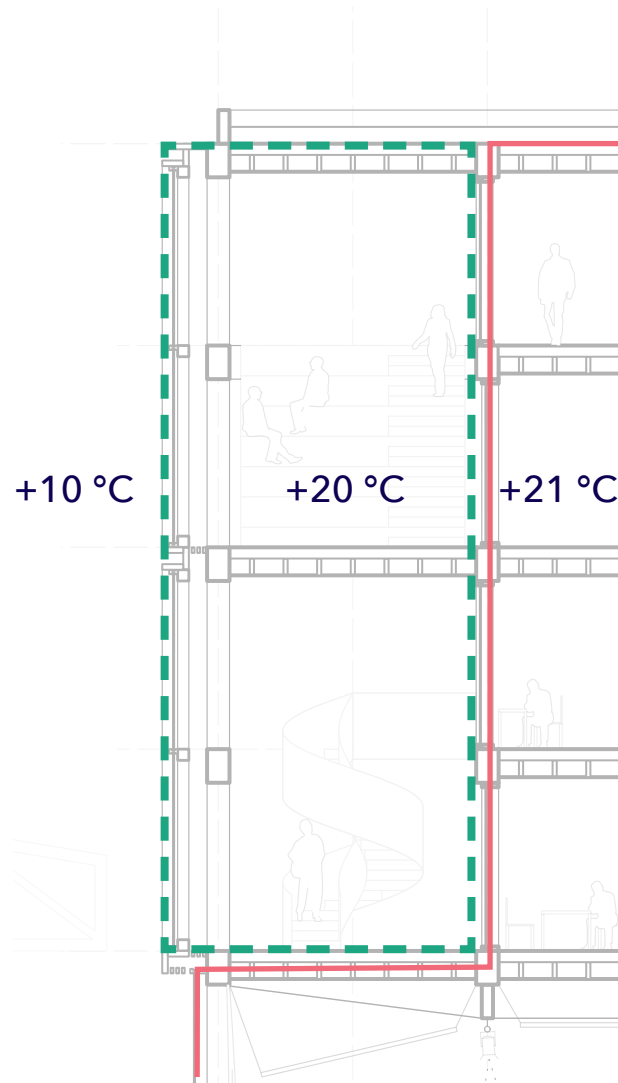
Thermal Envelope

Climate
Concept

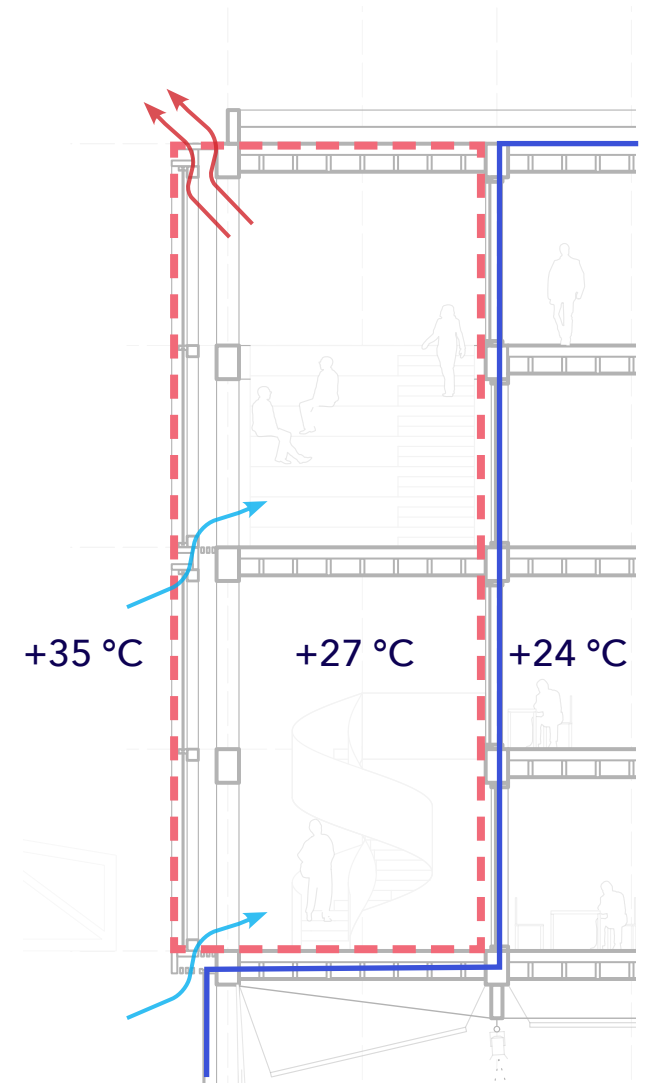
Winter

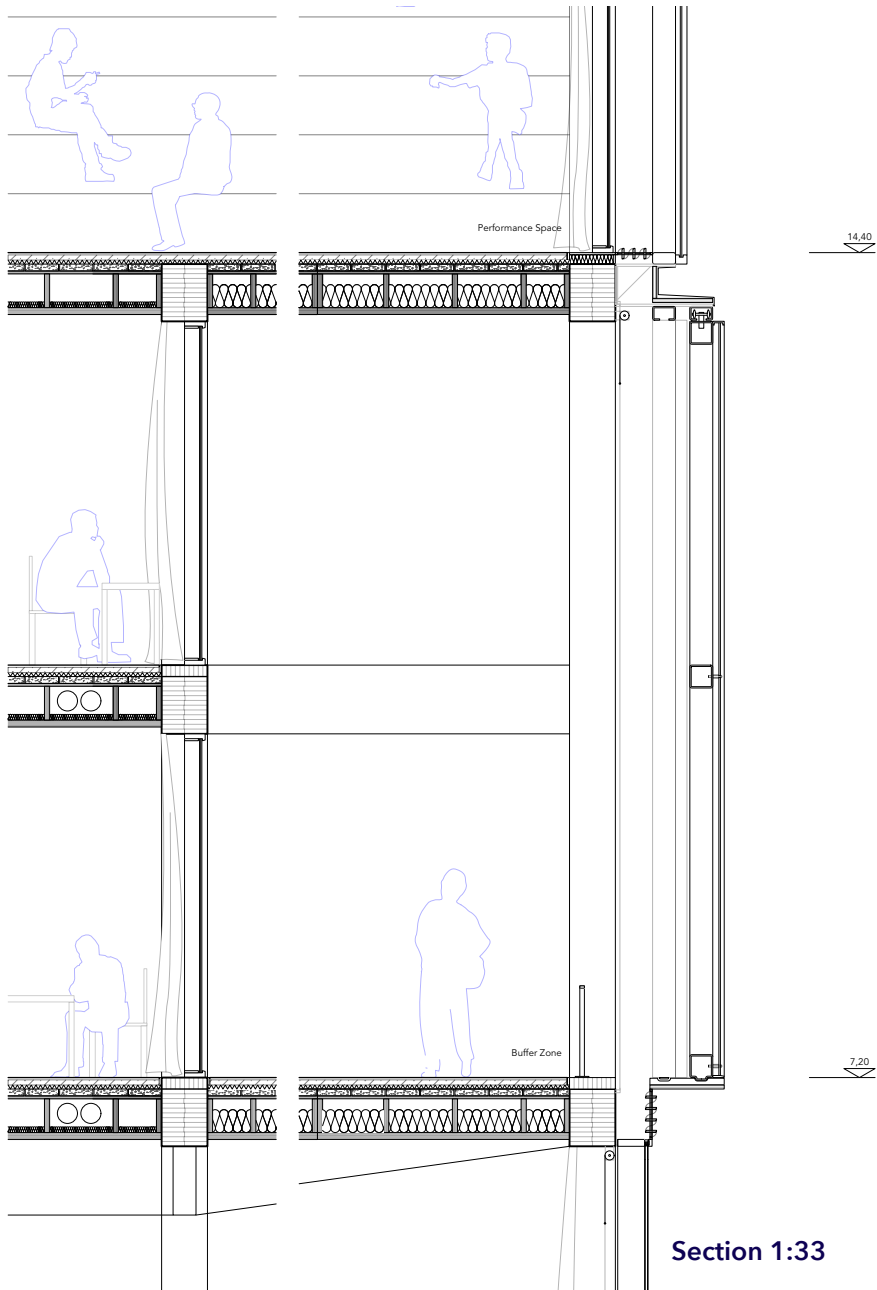


Spring



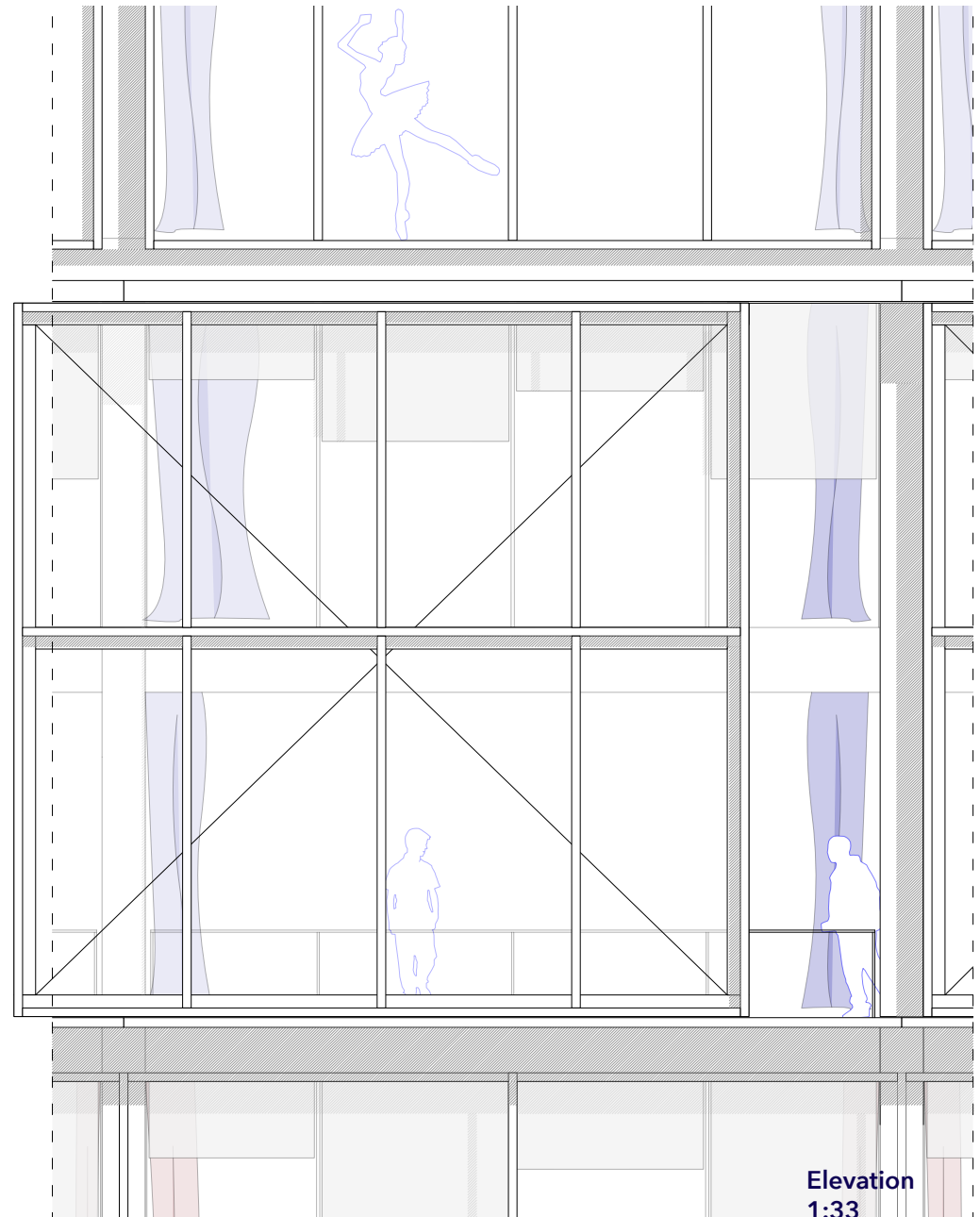
Summer





Section 1:33

Leon Thormann



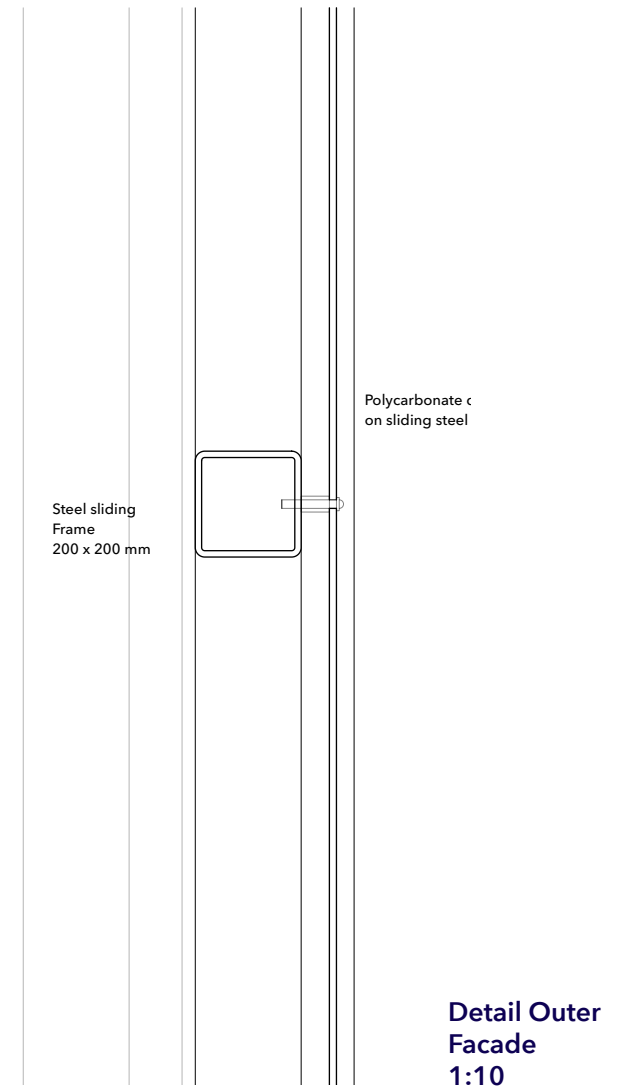
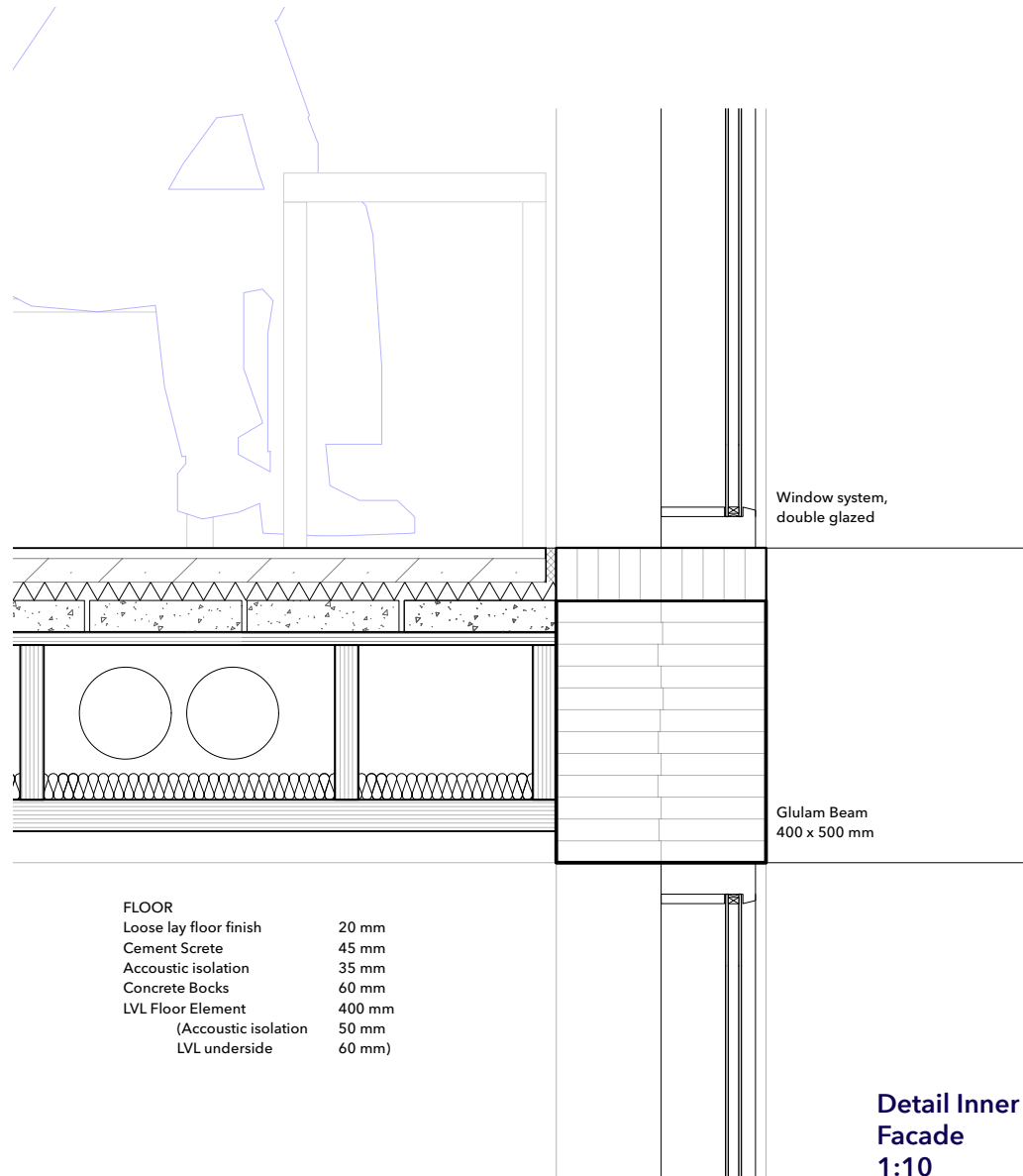
Elevation 1:33

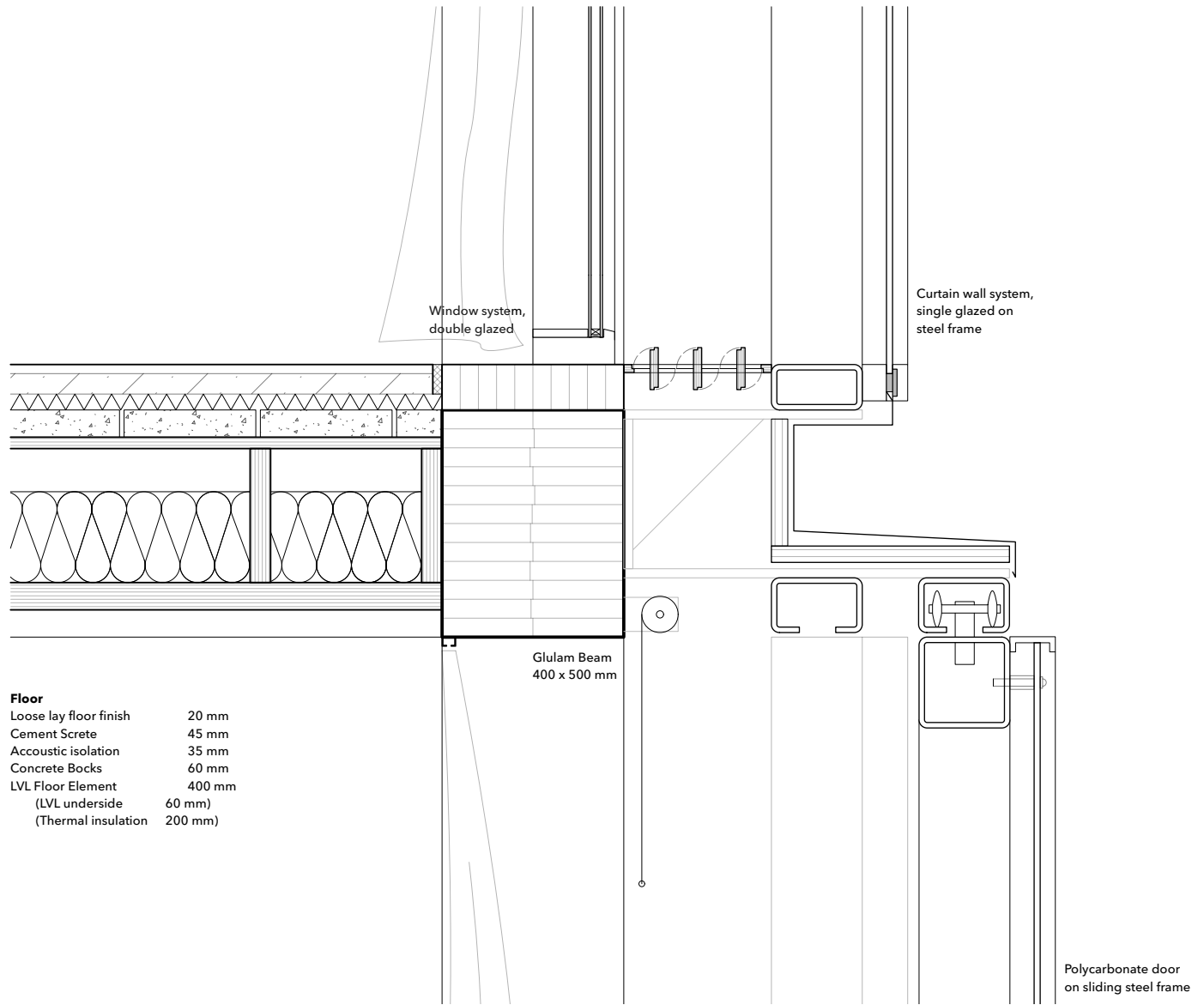
P5

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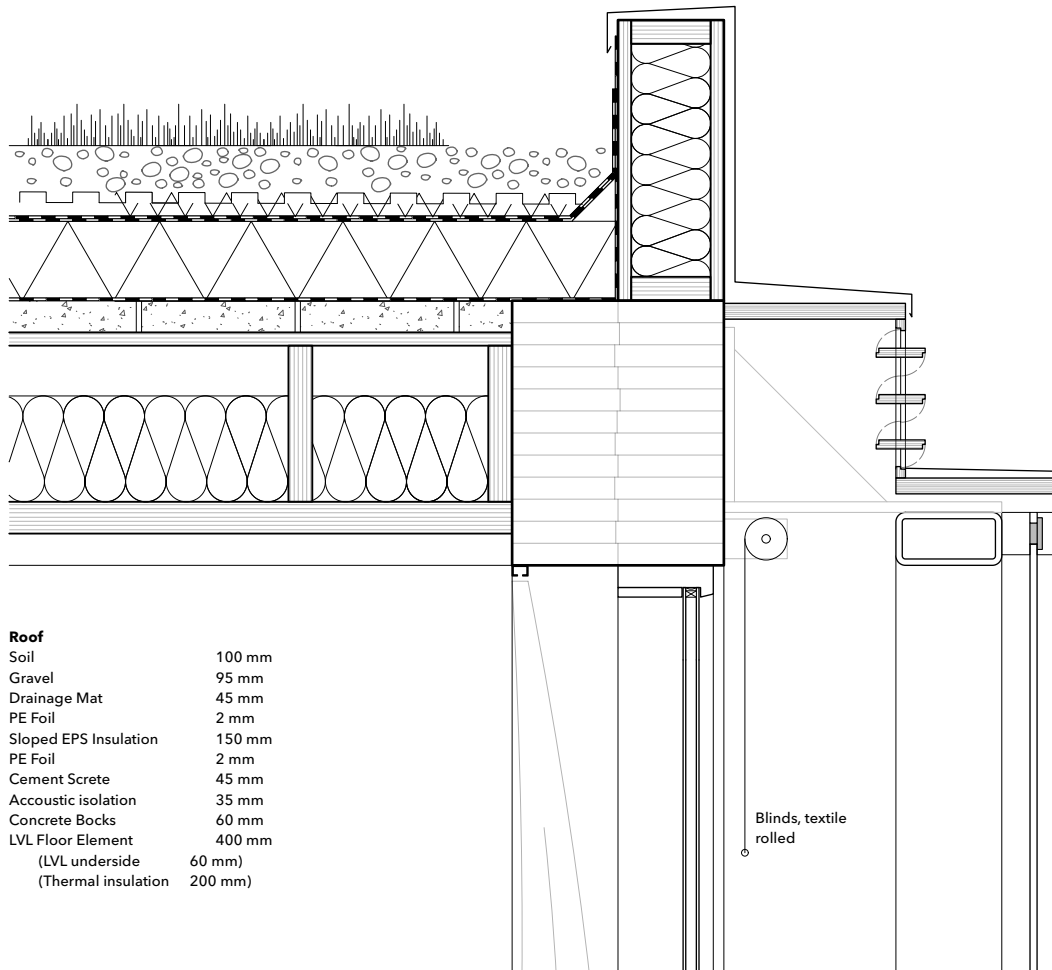


Model
1:50





Detail 2
1:10



Roof	
Soil	100 mm
Gravel	95 mm
Drainage Mat	45 mm
PE Foil	2 mm
Sloped EPS Insulation	150 mm
PE Foil	2 mm
Cement Screte	45 mm
Acoustic isolation	35 mm
Concrete Bocks	60 mm
LVL Floor Element	400 mm
(LVL underside	60 mm)
(Thermal insulation	200 mm)

Blinds, textile rolled

Detail 3
1:10



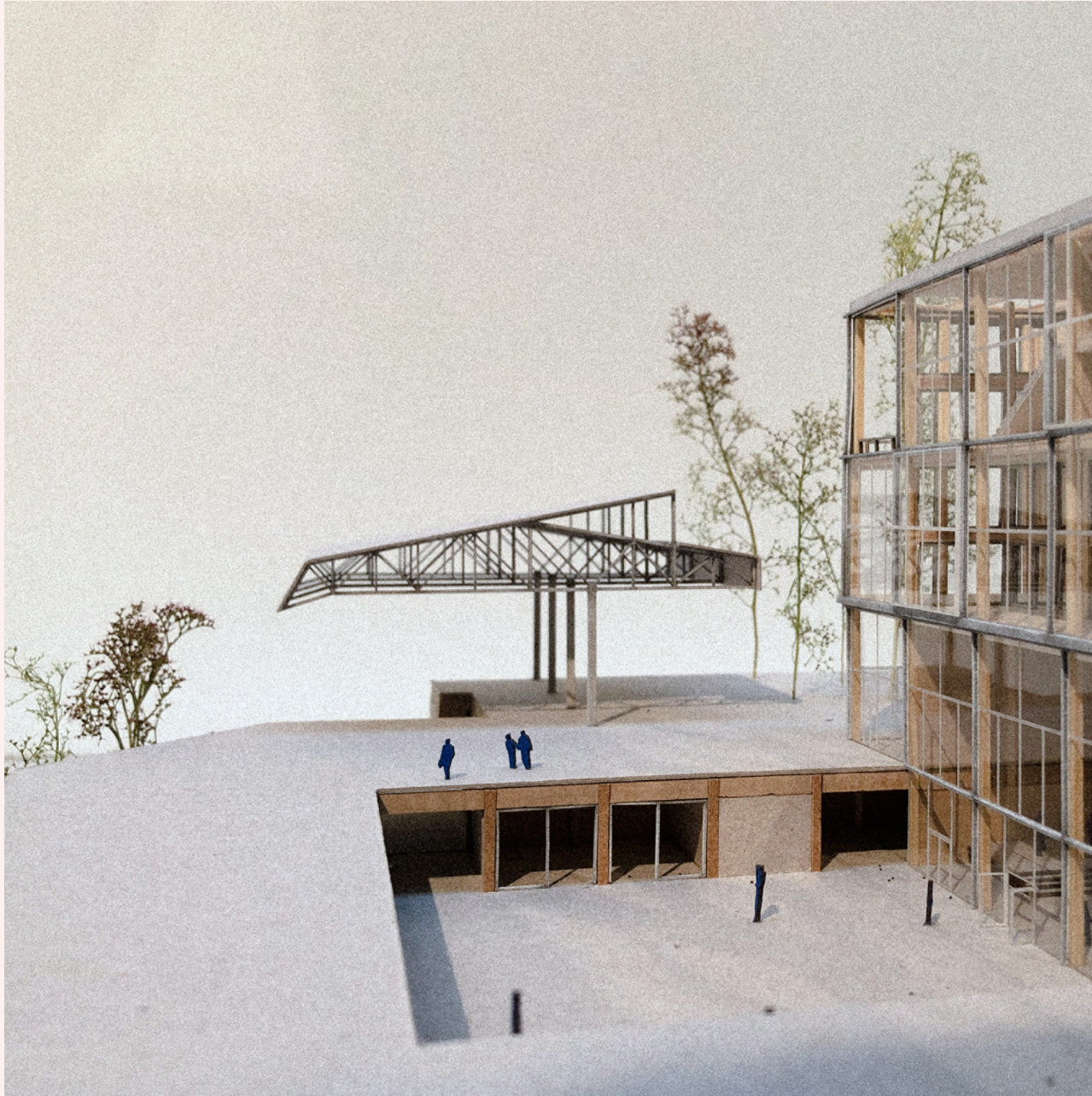
Model
1:50



Layer of
Spaces



Layer of Spaces



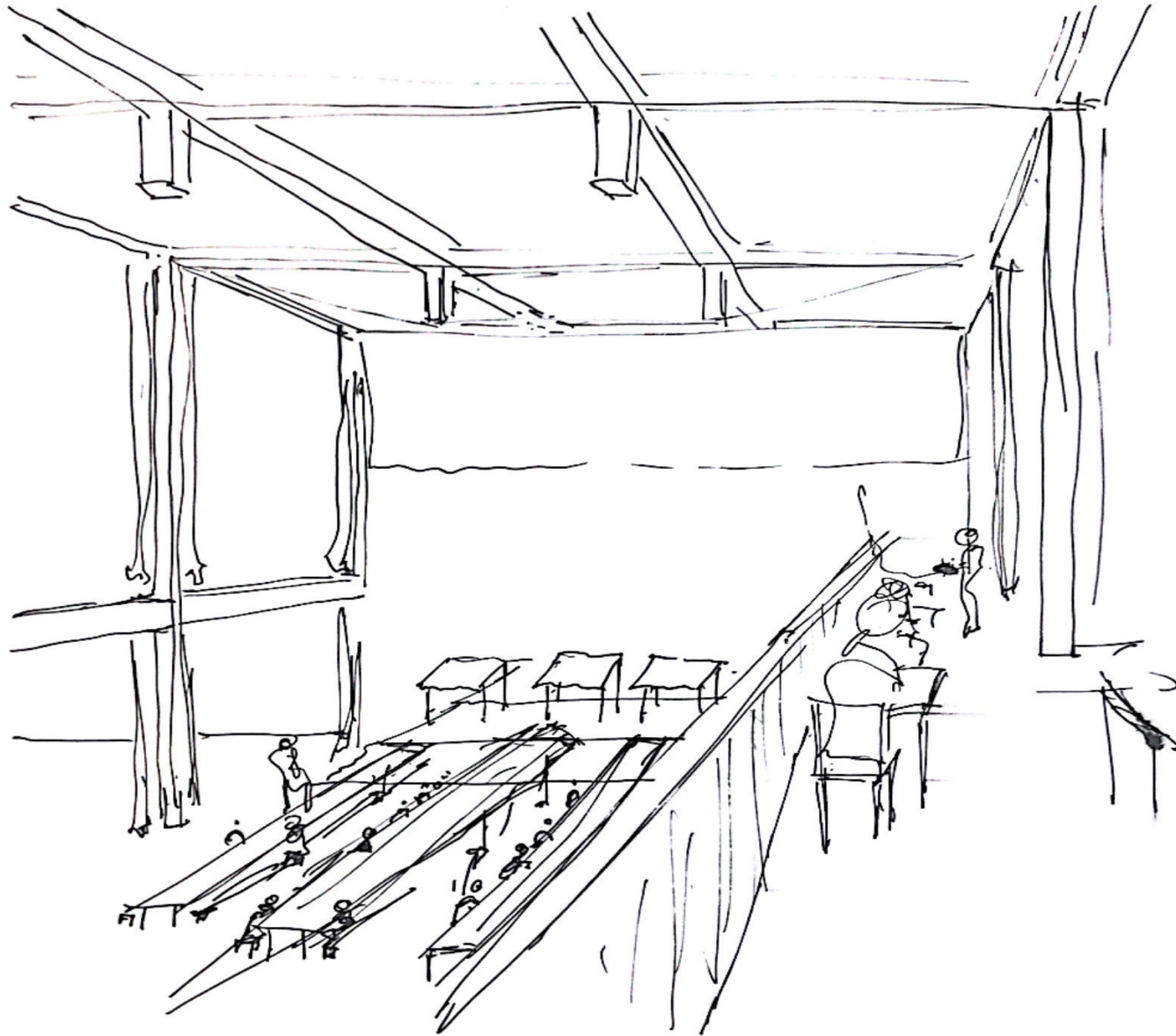
Lower Palaza



Outdoor Cinema



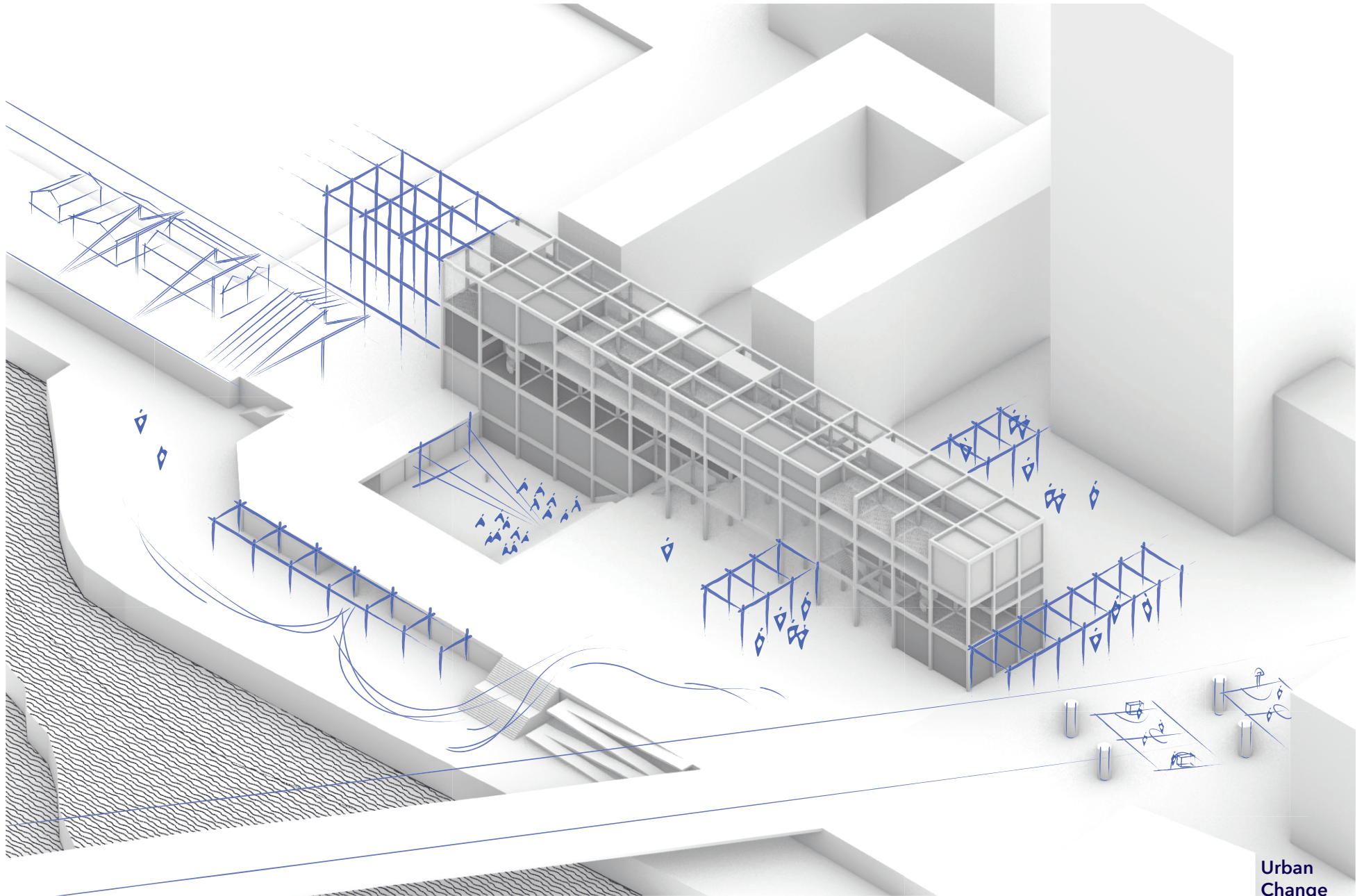
Theatre
Space





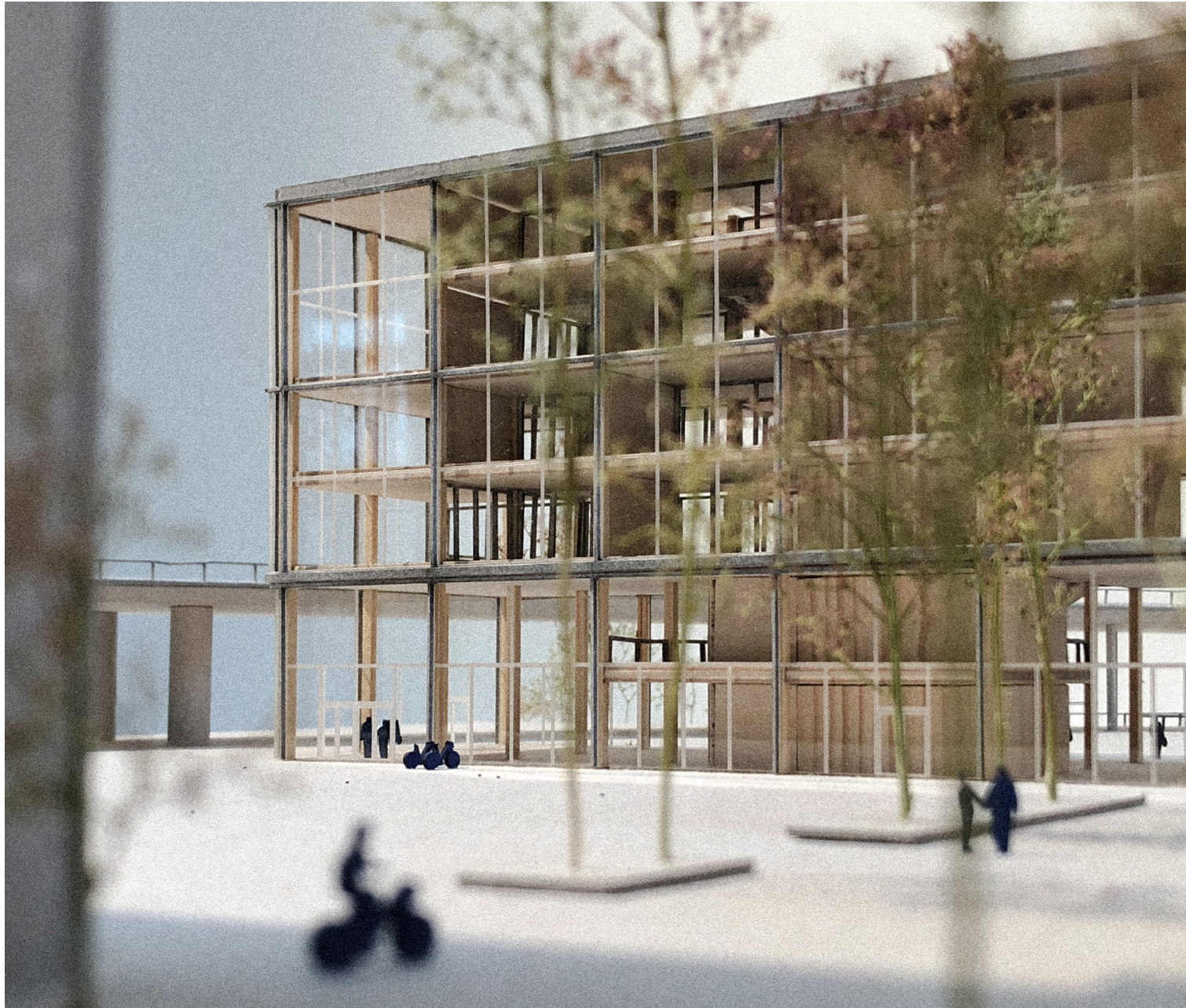
Library Meeting



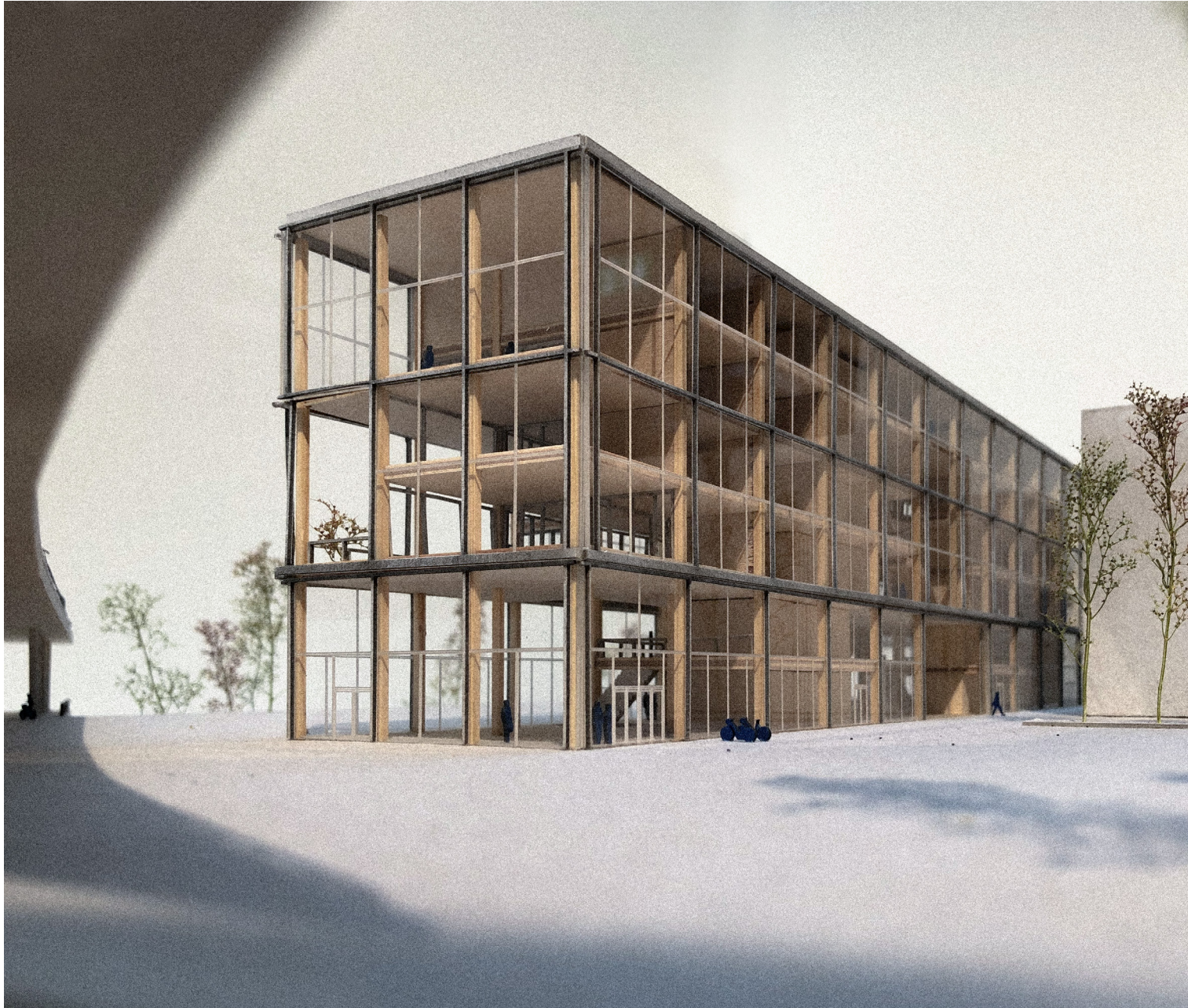




View Street
North



View Square
North



View Square
North



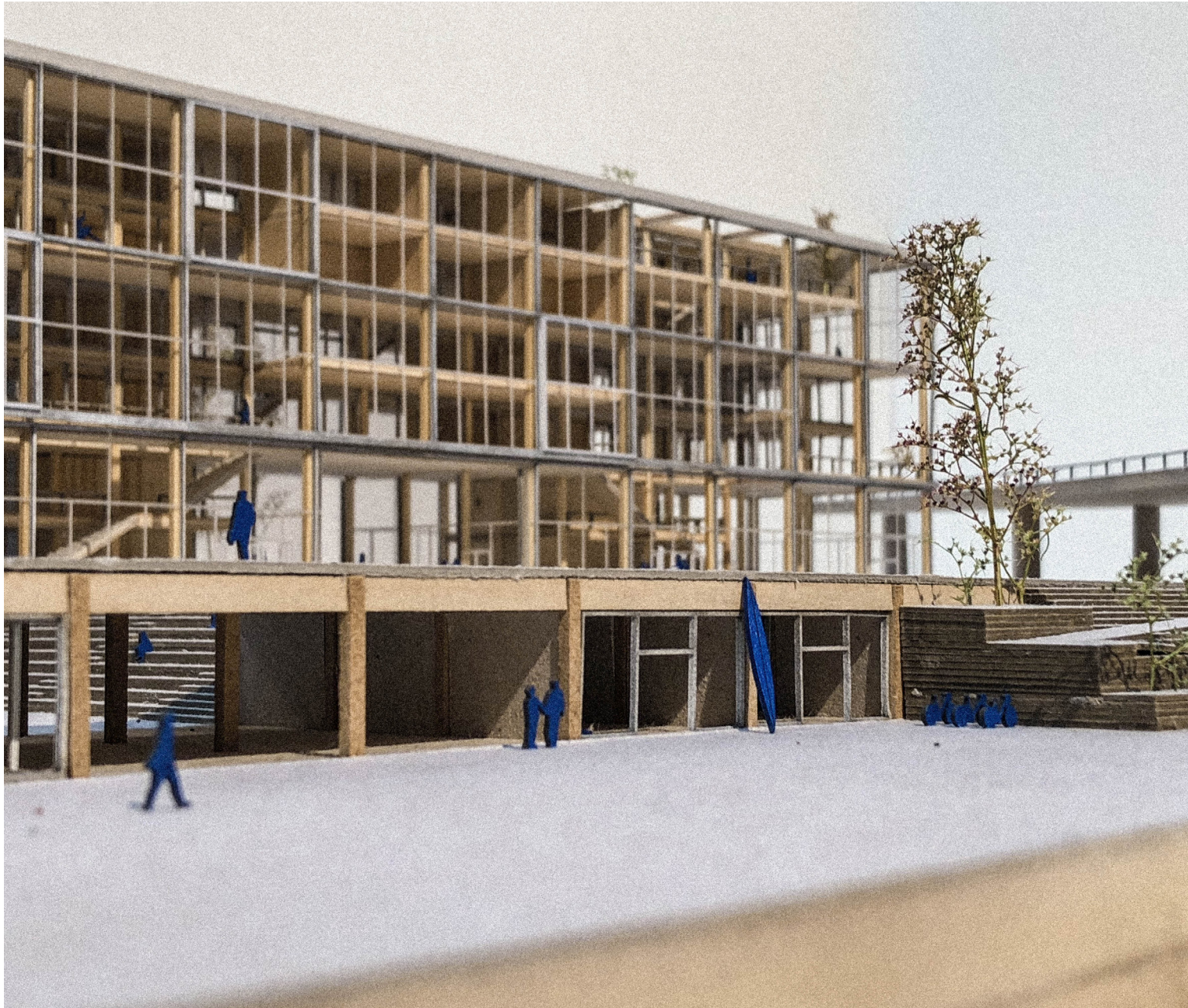
View under
Bridge



View Dance
Performance



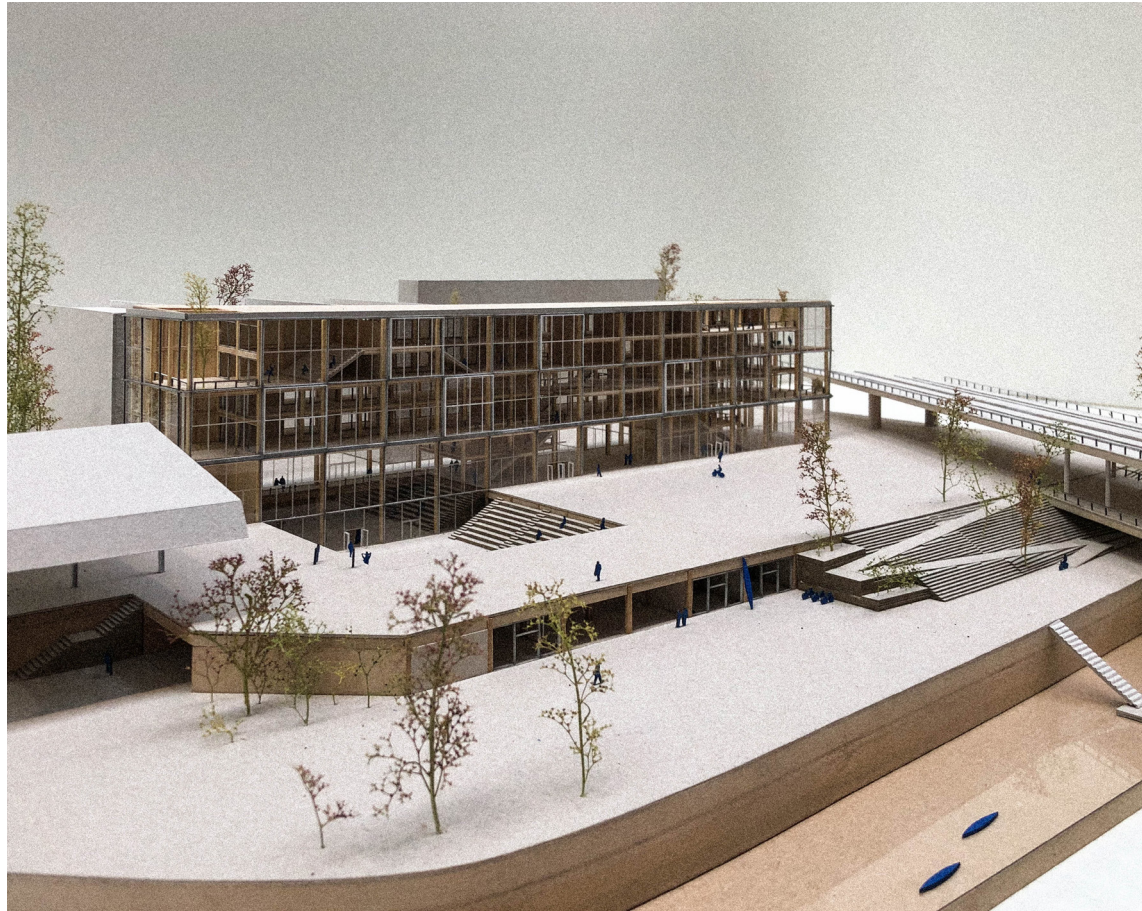
View
Promenade



View
Promenade



View Passage



Thank you!