

Extension of the Stockholm City Library  
Graduation Project

## A library

The Library has transformed over time, mimicking the ideas of society. Initially a privileged space for individuals, it has now become a crucial public institution in a democratic society.

It is now more than ever, by facing the radicalising ideas of neoliberalism, serving a great purpose of being one of the last traditionally public and inclusive spaces.

**1. Context**

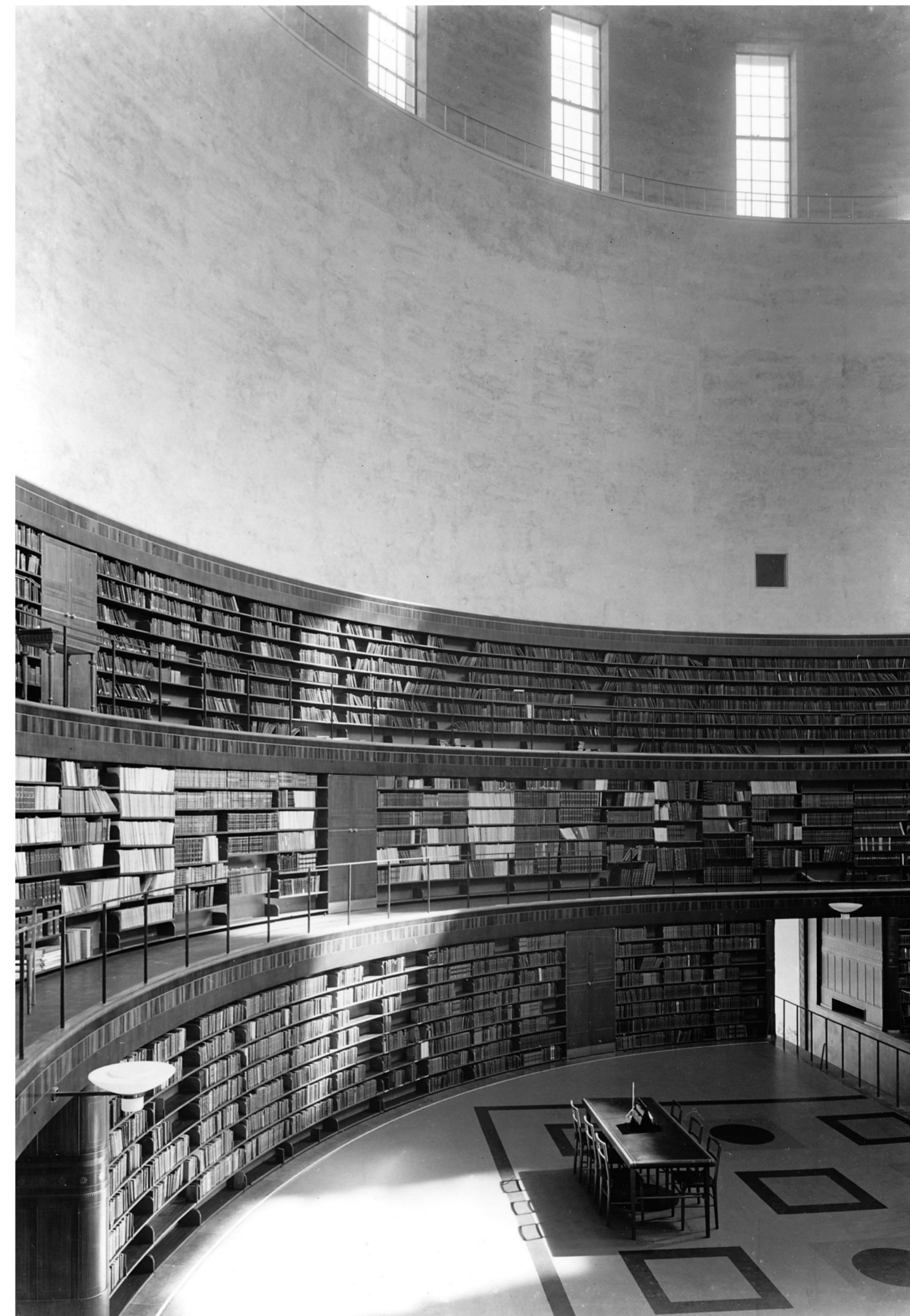
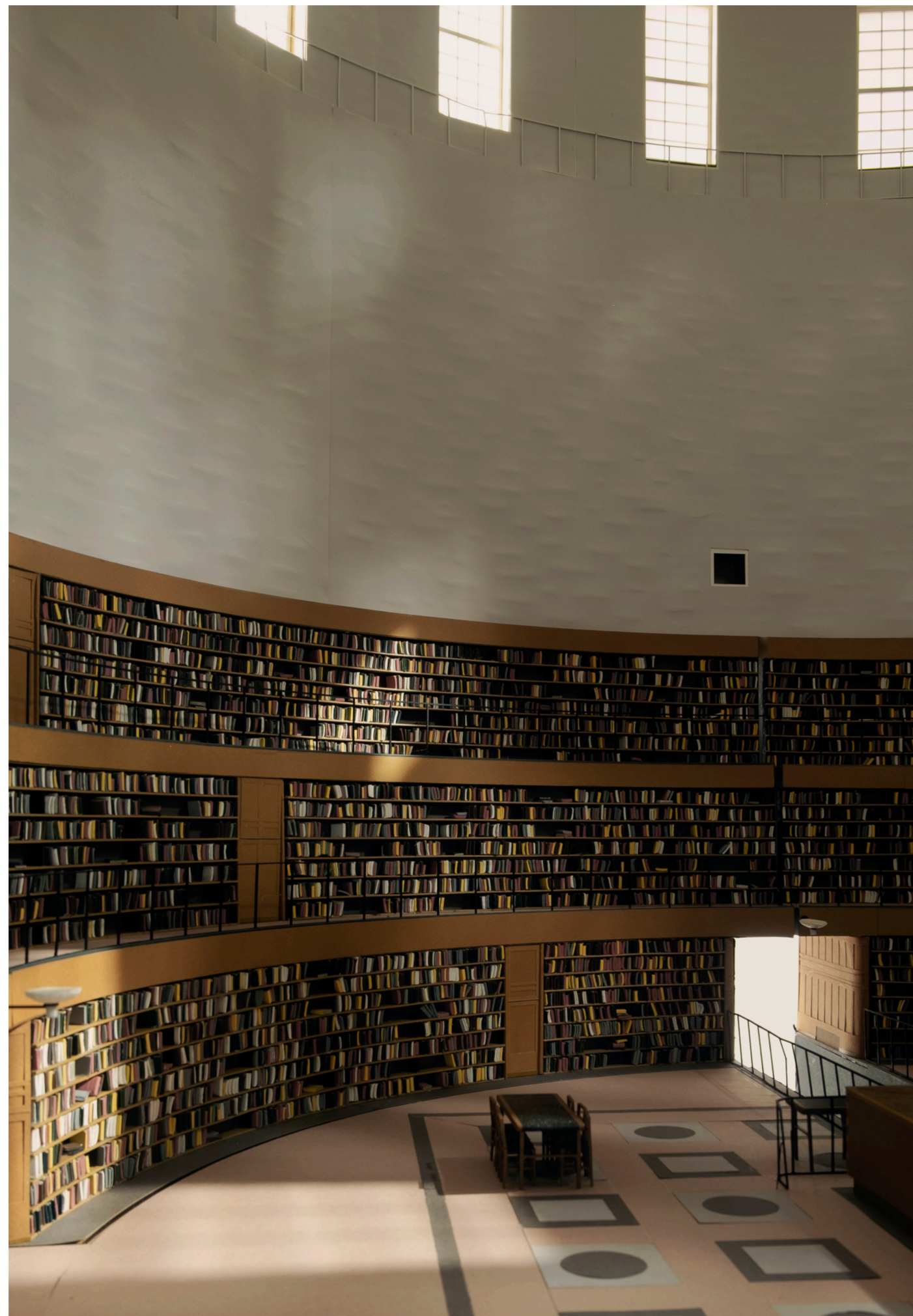
2. Research

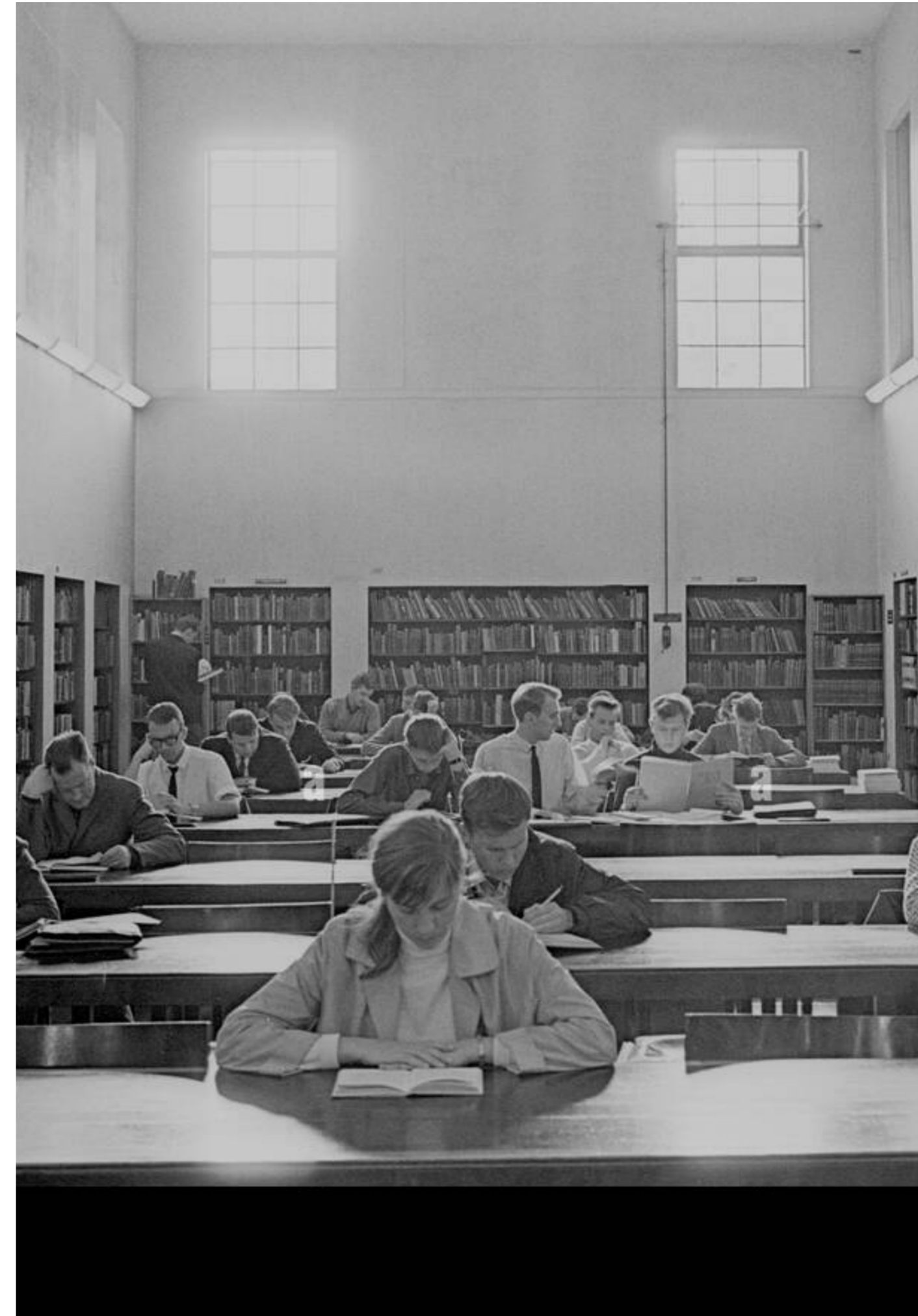
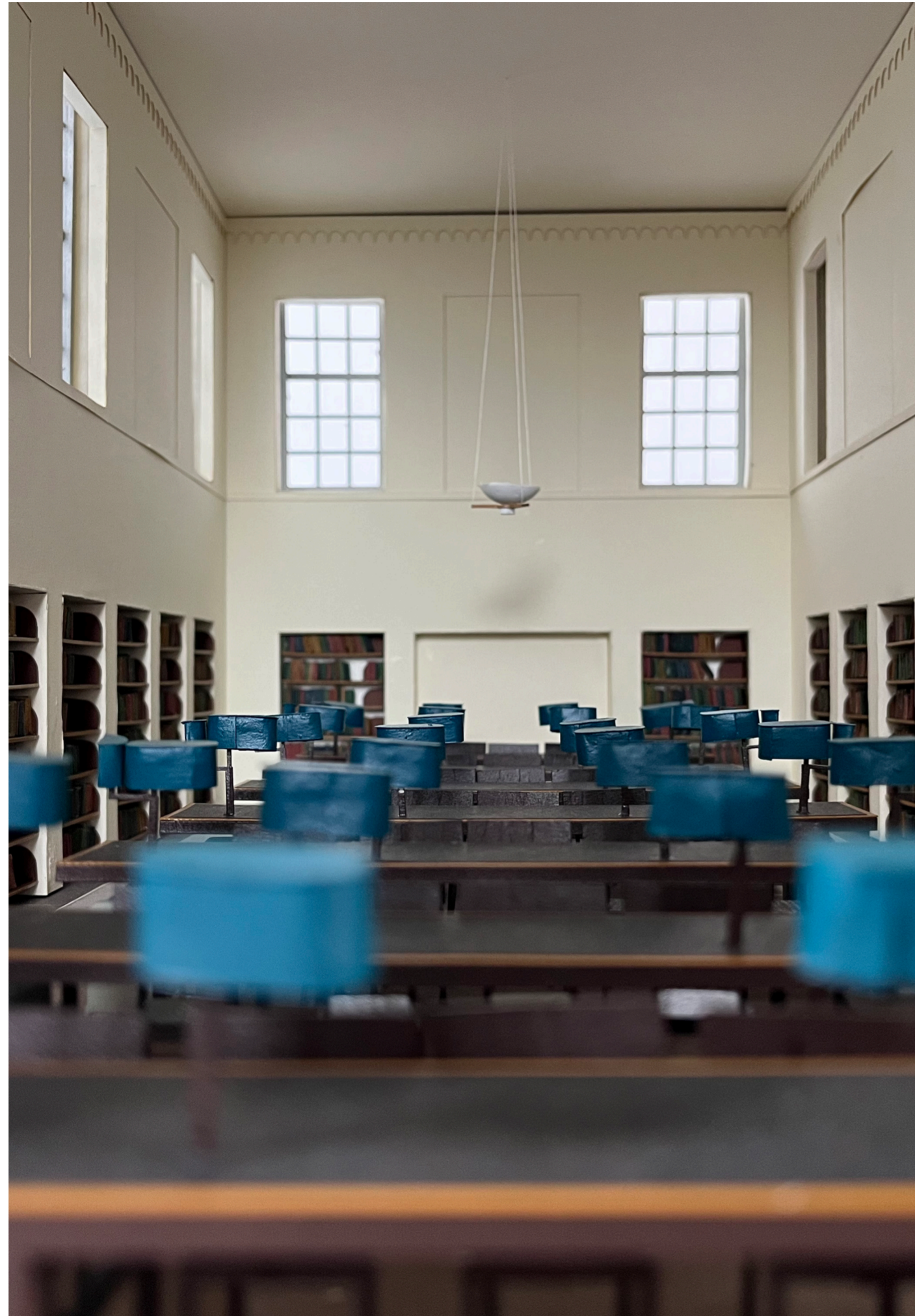
3. Position

4. Design

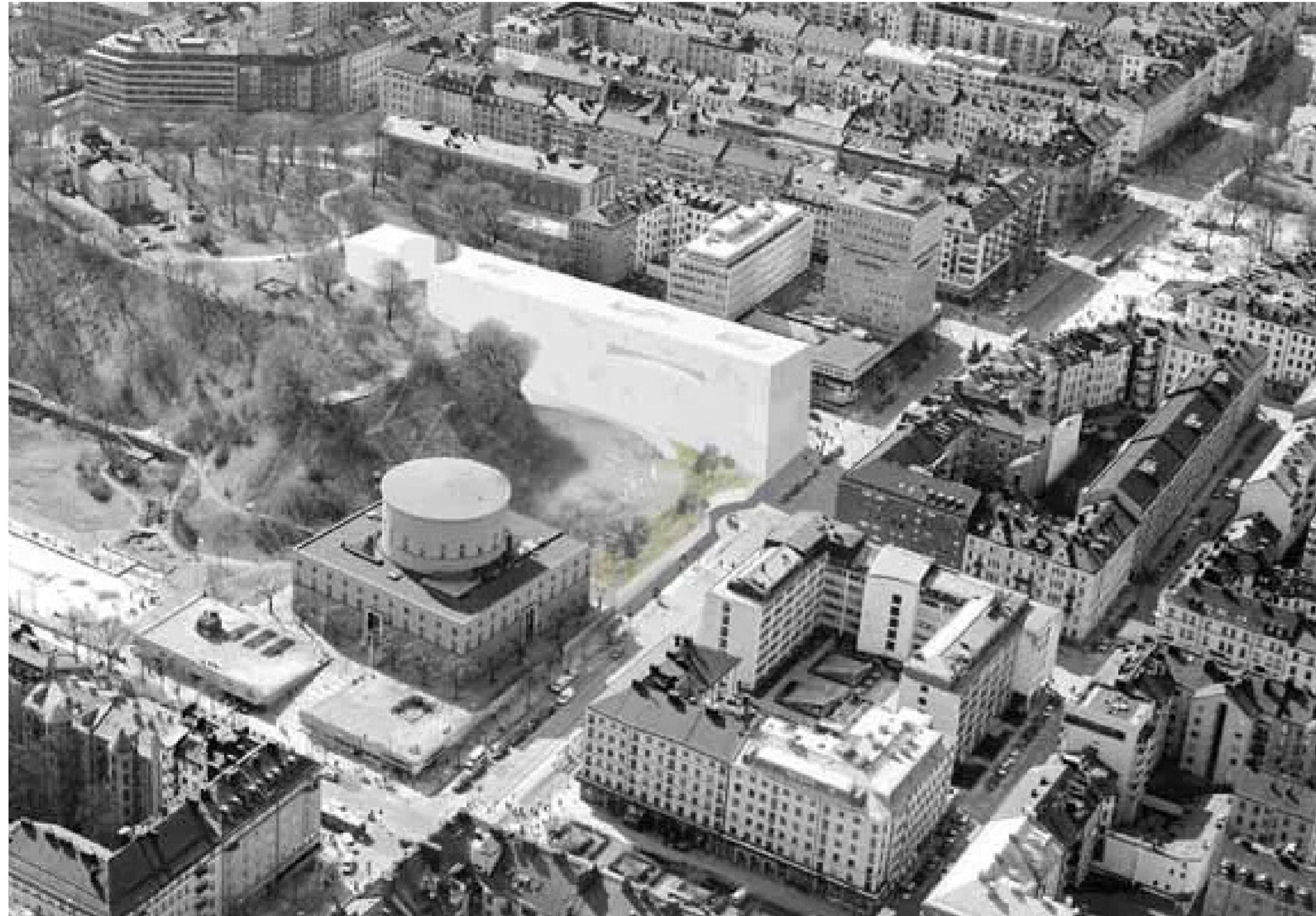












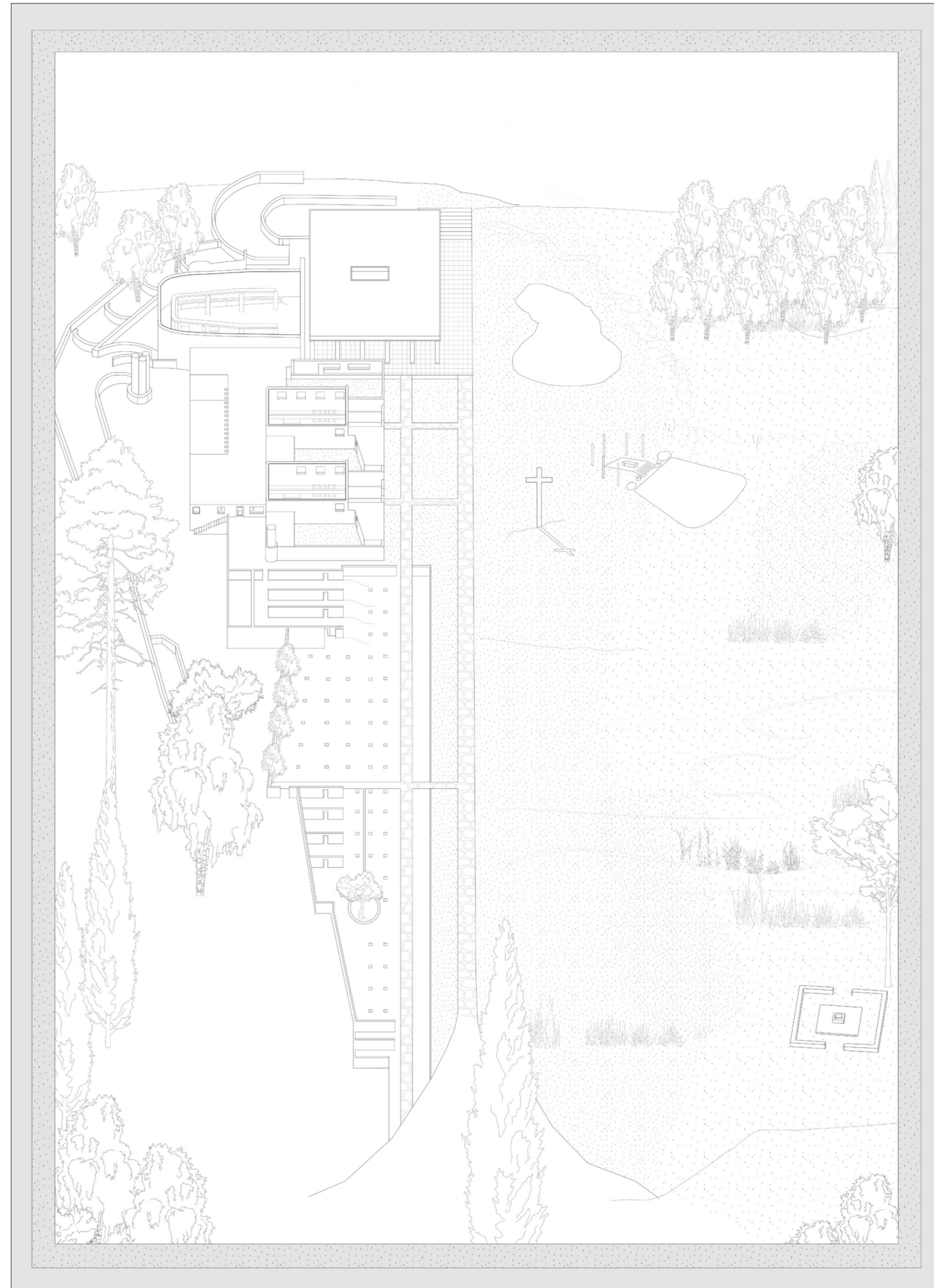
Heike Hanada



Caruso St John

1. Context
- 2. Research**
3. Position
4. Design

Research thorough examining the previous works of  
Erik Gunnar Asplund  
**Architecture and Landcape**



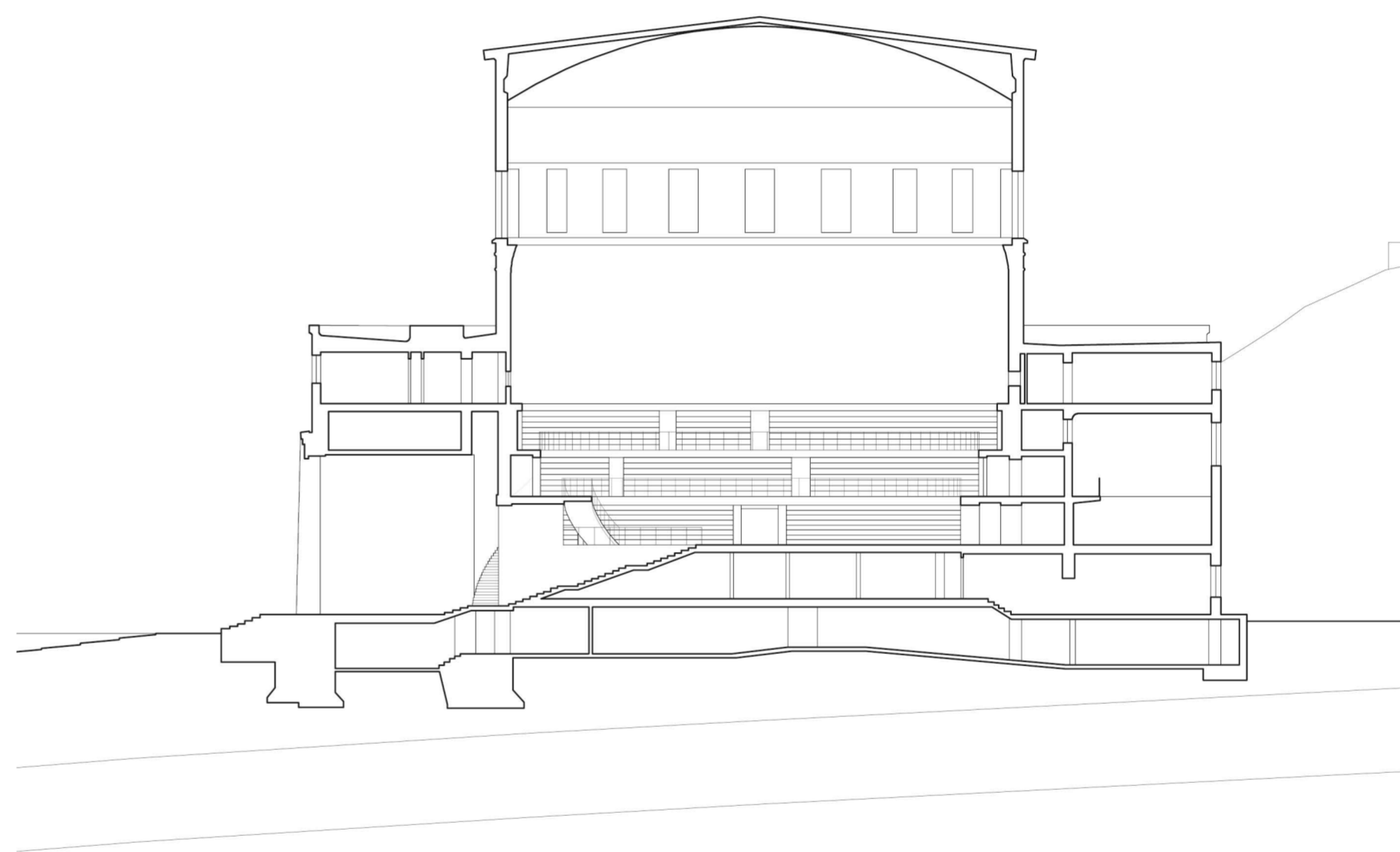
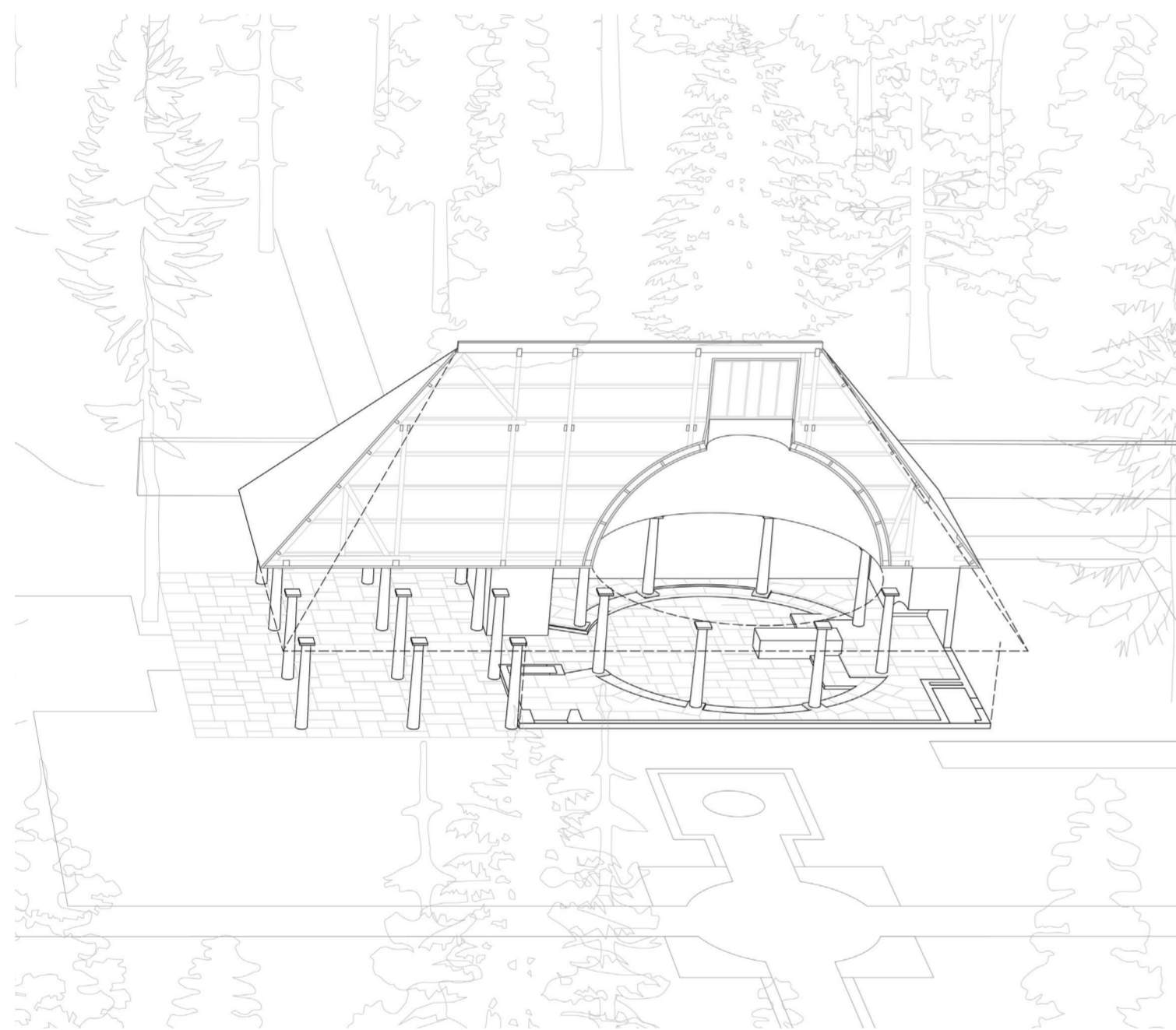


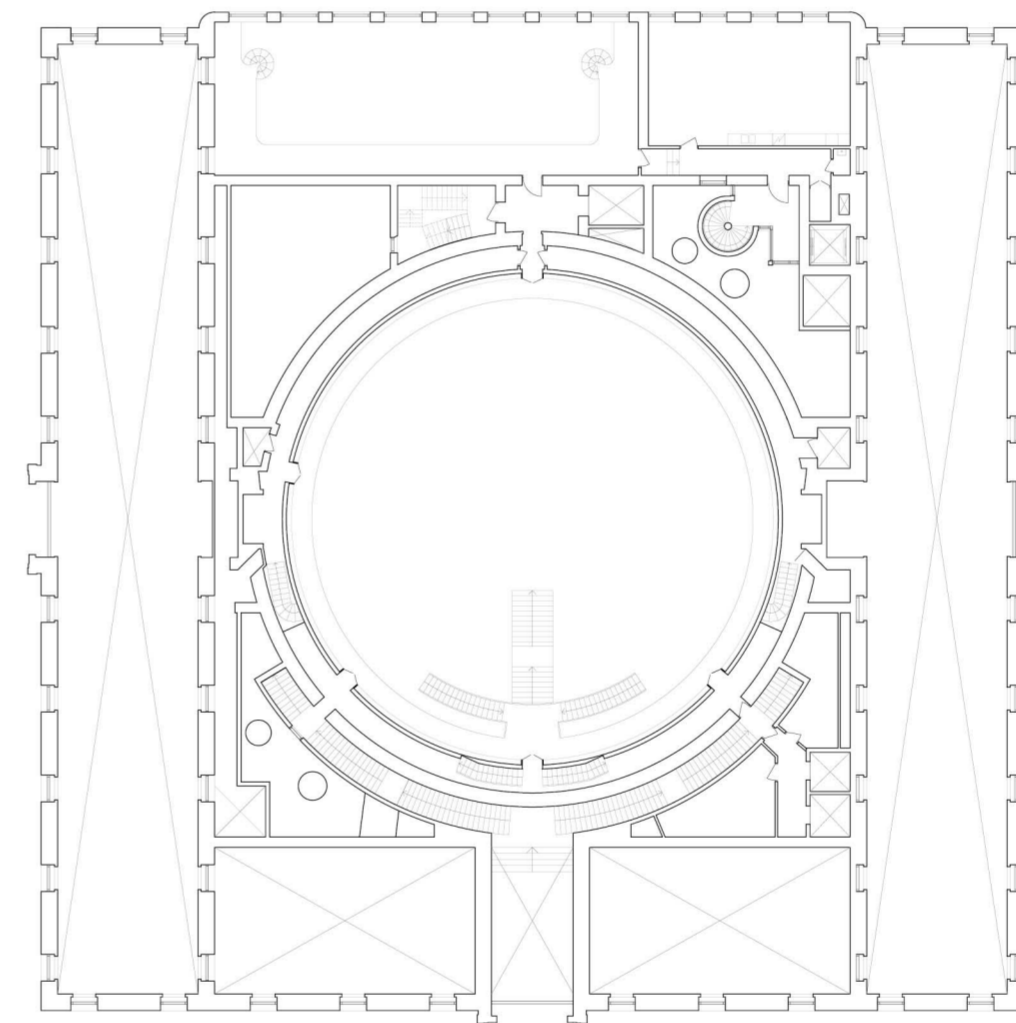
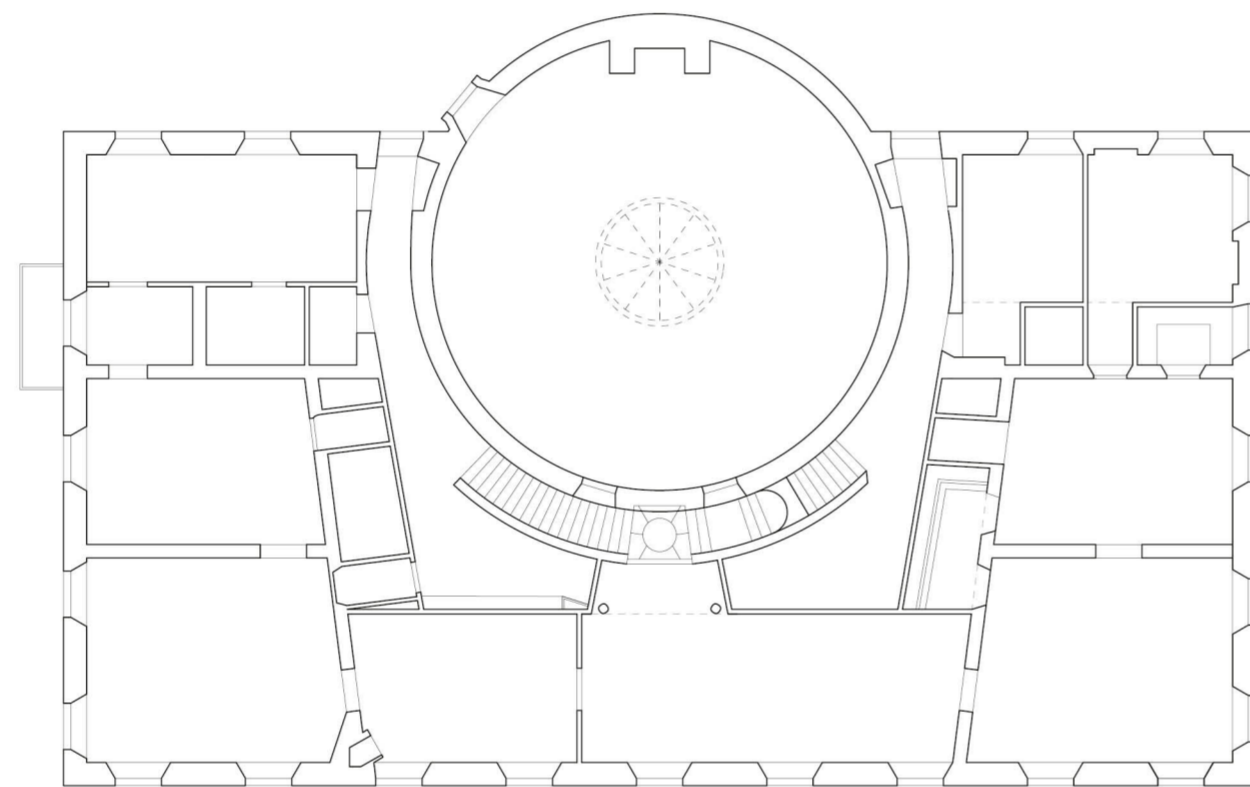
Woodland crematorium  
photo: Andy Liffner



Stockholm City Library-  
photo: own

Research thorough examining the previous works of  
Erik Gunnar Asplund  
**Spatiality and Architectural Continuity**





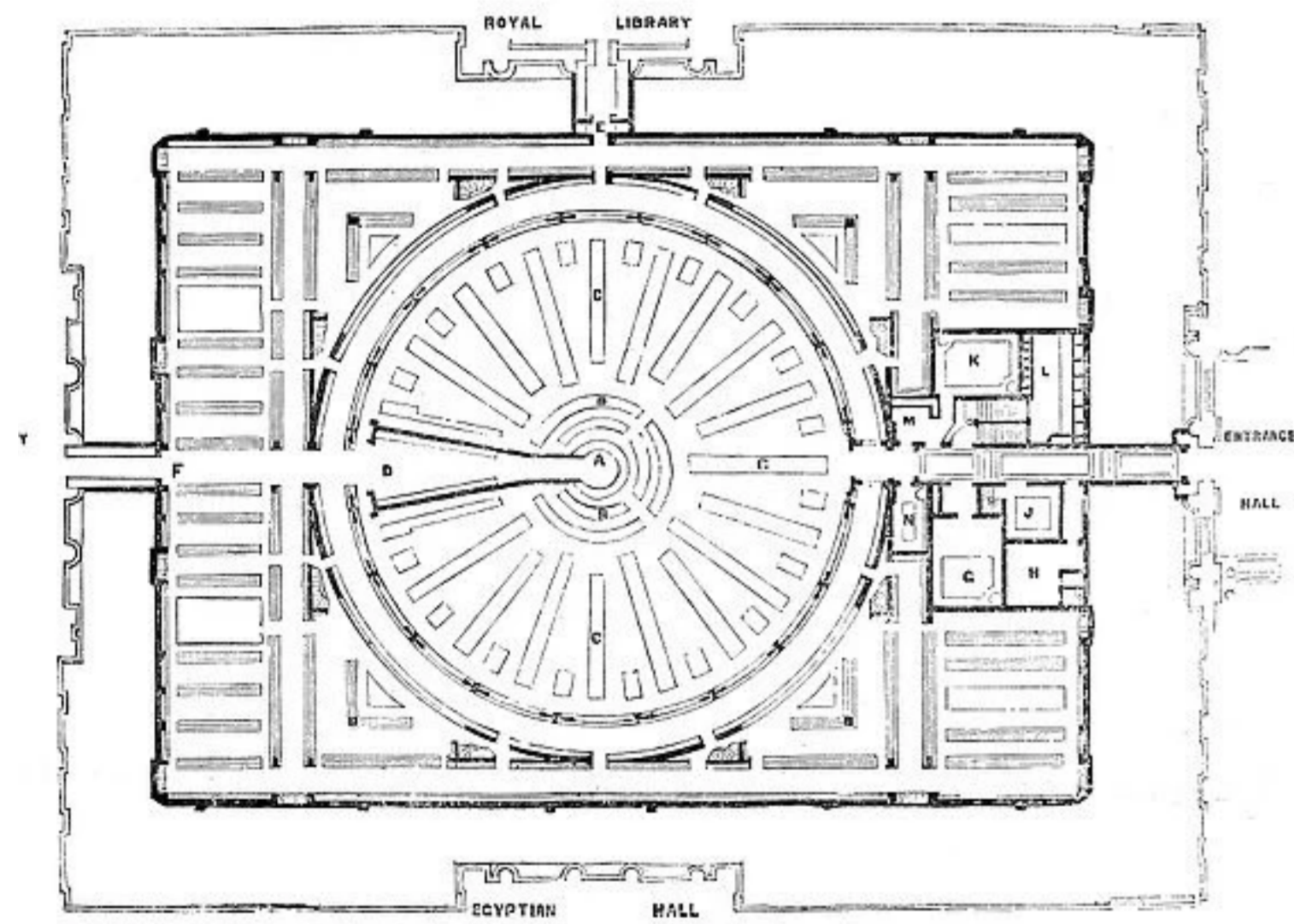


Research on the historical spatial evolution of a  
library in reference to the Stockholm City Library  
**What is its *TYPE*?**



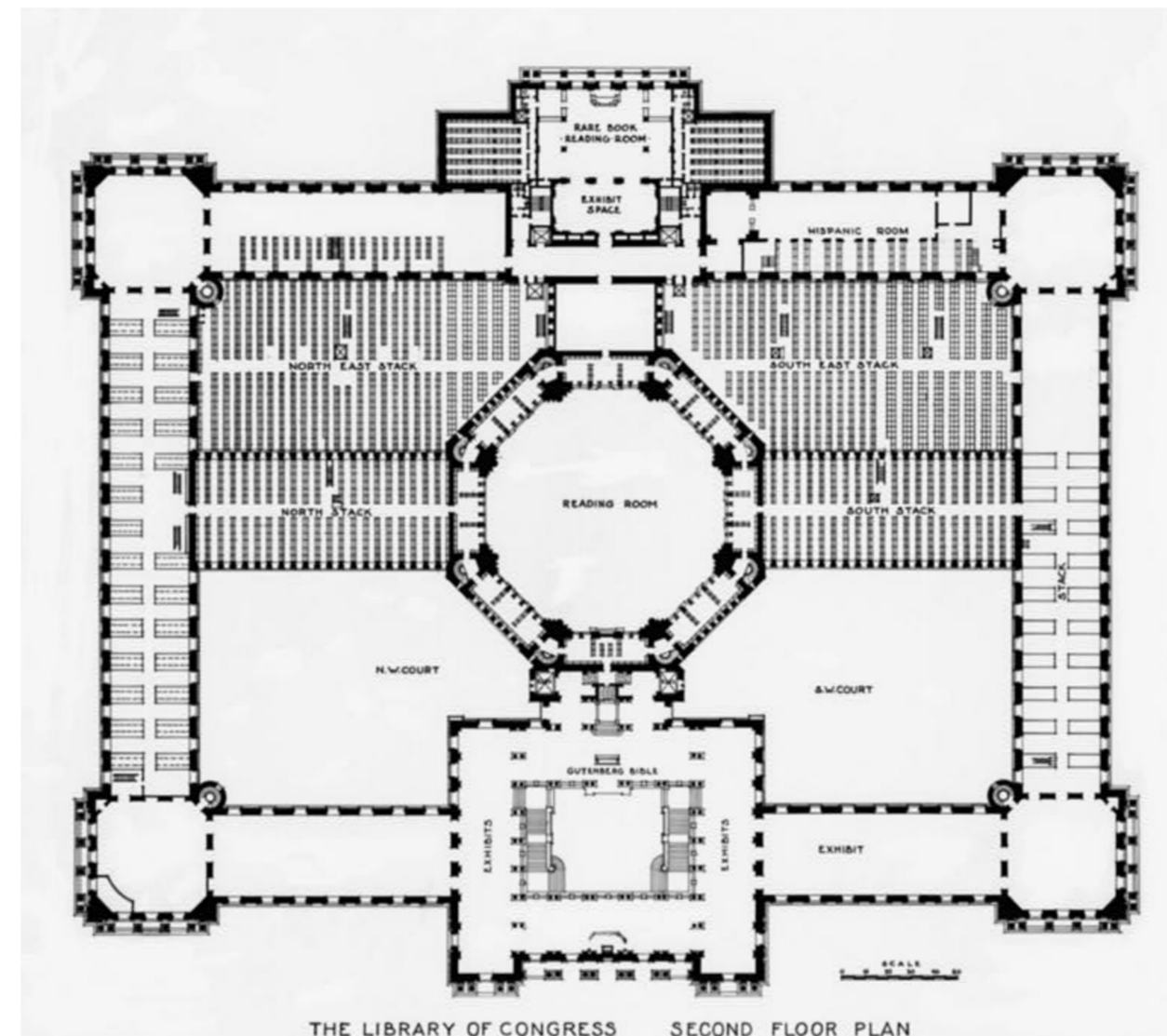
„A common plan for many of the larger municipal libraries centered on a great circular reading room, clearly echoing the Reading Room at the British Library commissioned by Anthony Panizzi, designed by Sydney Smirke and opened in 1857.”

Ken Worpole, *Contemporary Library Architecture: A Planning and Design Guide*, edited by Margaret Talbot (Taylor & Francis Group, 2013).



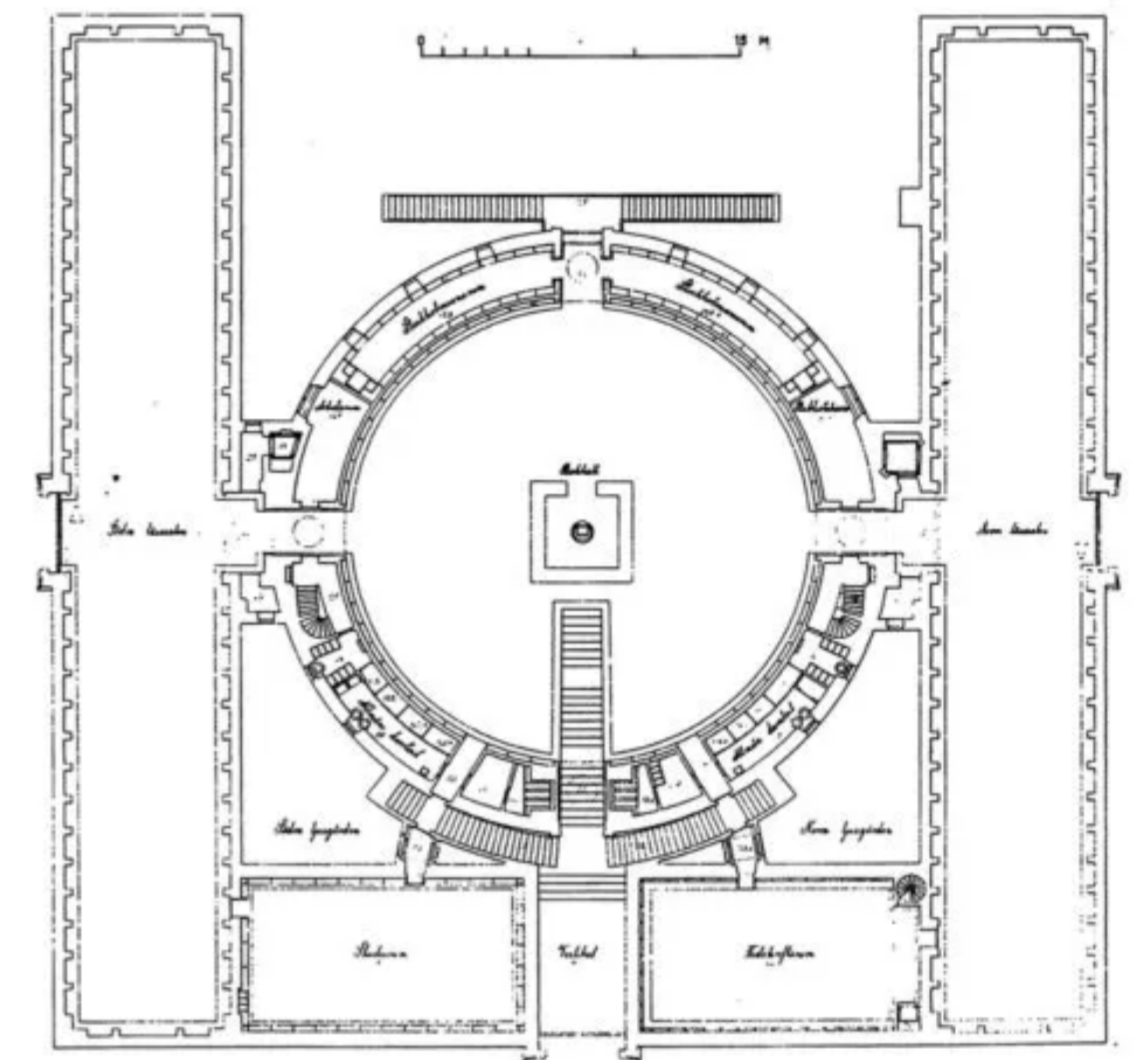
GROUND-PLAN OF THE NEW READING-ROOM, ETC., BRITISH MUSEUM.

British Library Reading Room



THE LIBRARY OF CONGRESS SECOND FLOOR PLAN

The Library of Congress



Stockholm City Library

Research thorough examining the other libraries

**Spatial relations of modern libraries**



Photo: reisespatzen





1. Context
2. Research
- 3. Position**
4. Design

1. Socio – economical questions:

How could the new extension serve the needs and aspirations of a complex and highly diverse contemporary society, which includes a shifting demographic?

2. Urban setting questions:

How do we position ourselves within this very defined space and implement the landscape into our design. Should we Allow the city Library to maintain its monumentality in this landscape?

3. Typological/architectural questions

How can we respond to the existing library and its typology, while having in mind Asplund's way of creating spatial experiences?

Should a modern library be more lenient in terms of spatial organization, allowing the users to feel more comfortable in its space?

The project offers a new volume which adds the Stockholm City Library additional 4000 sqm

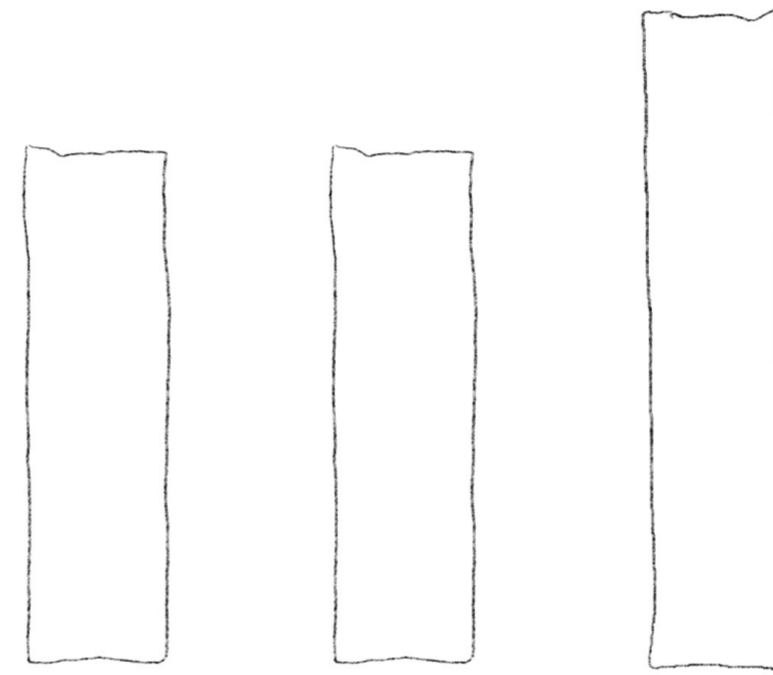
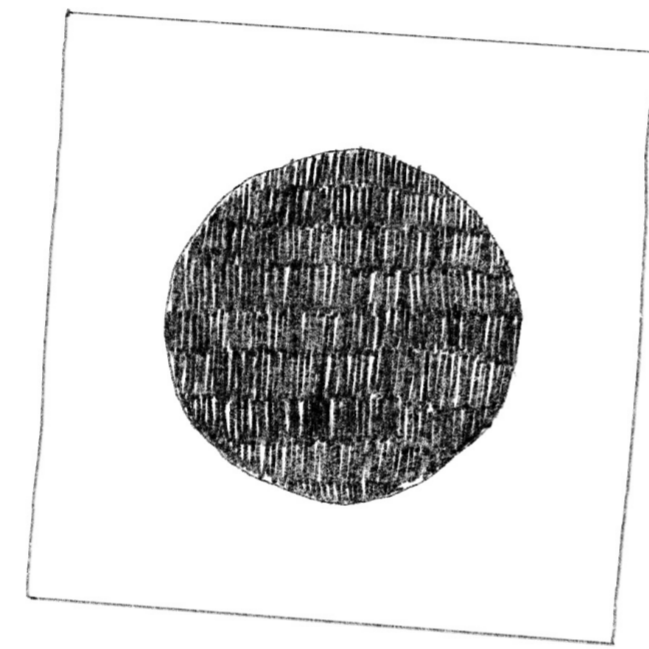
The project should take a position in the landscape which allows Asplund's Library to maintain its monumentality in this context.

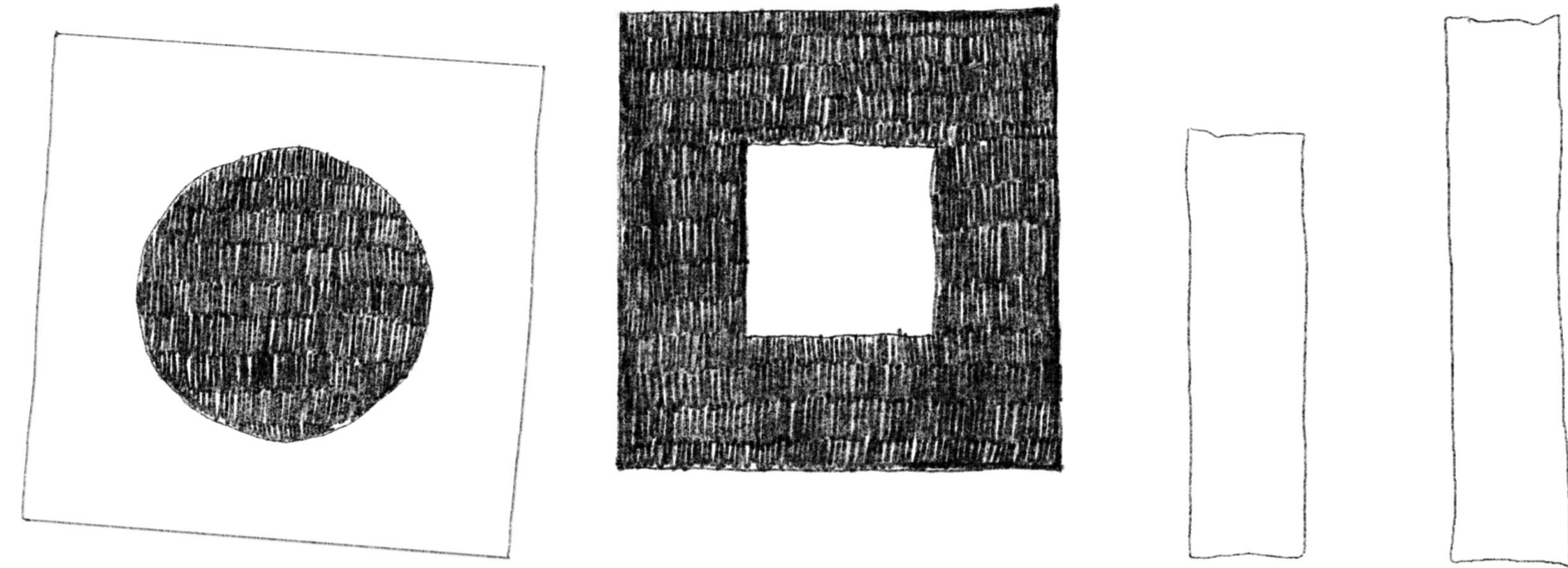
The extension of the Stockholm City Library should take into account spatial organisation of the current library and add to it in a way it continues the sequence of spaces.

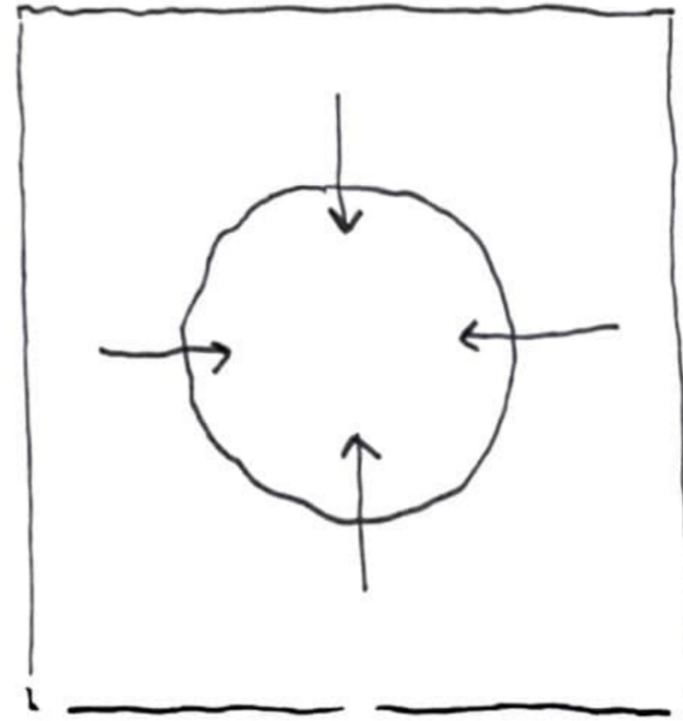
The extensions should be an architectural continuation of the existing Library, maintaining a dialogue through typological rearrangement while also establishing its own expression. This approach will create a library reactive to today's problems.

The project of the library in Stockholm should appropriate the needs of a democratic modern society through spaces which allow different atmospheres, more and less formal interactions.

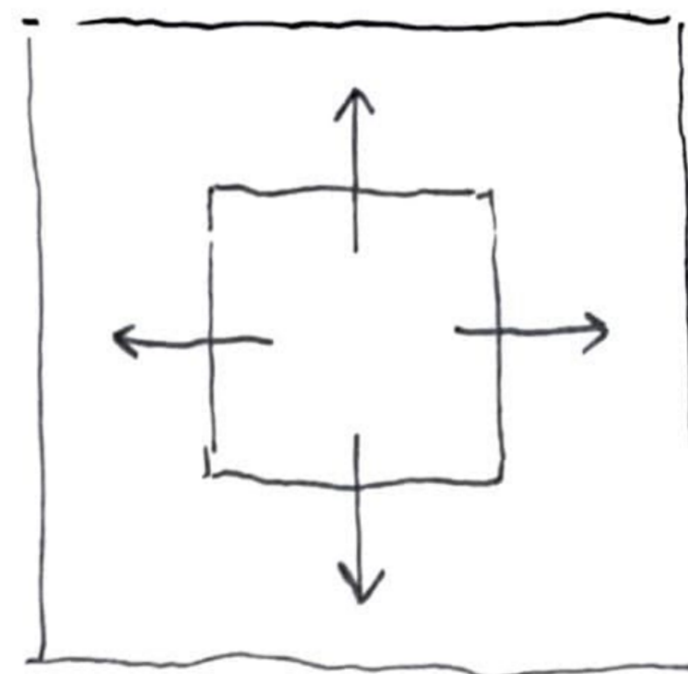
1. Context
2. Research
3. Position
4. **Design**



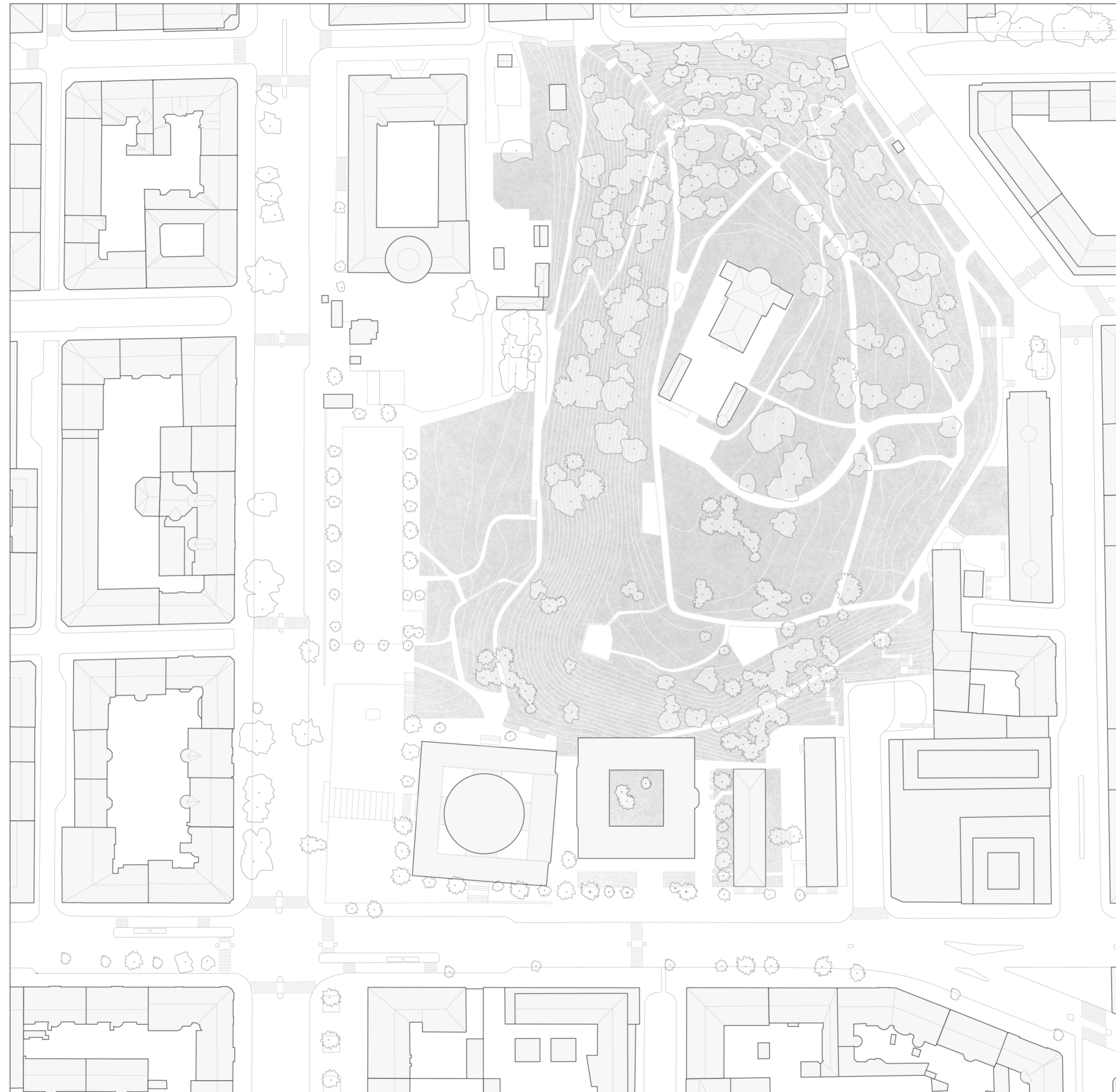




central space is served by the surrounding spaces

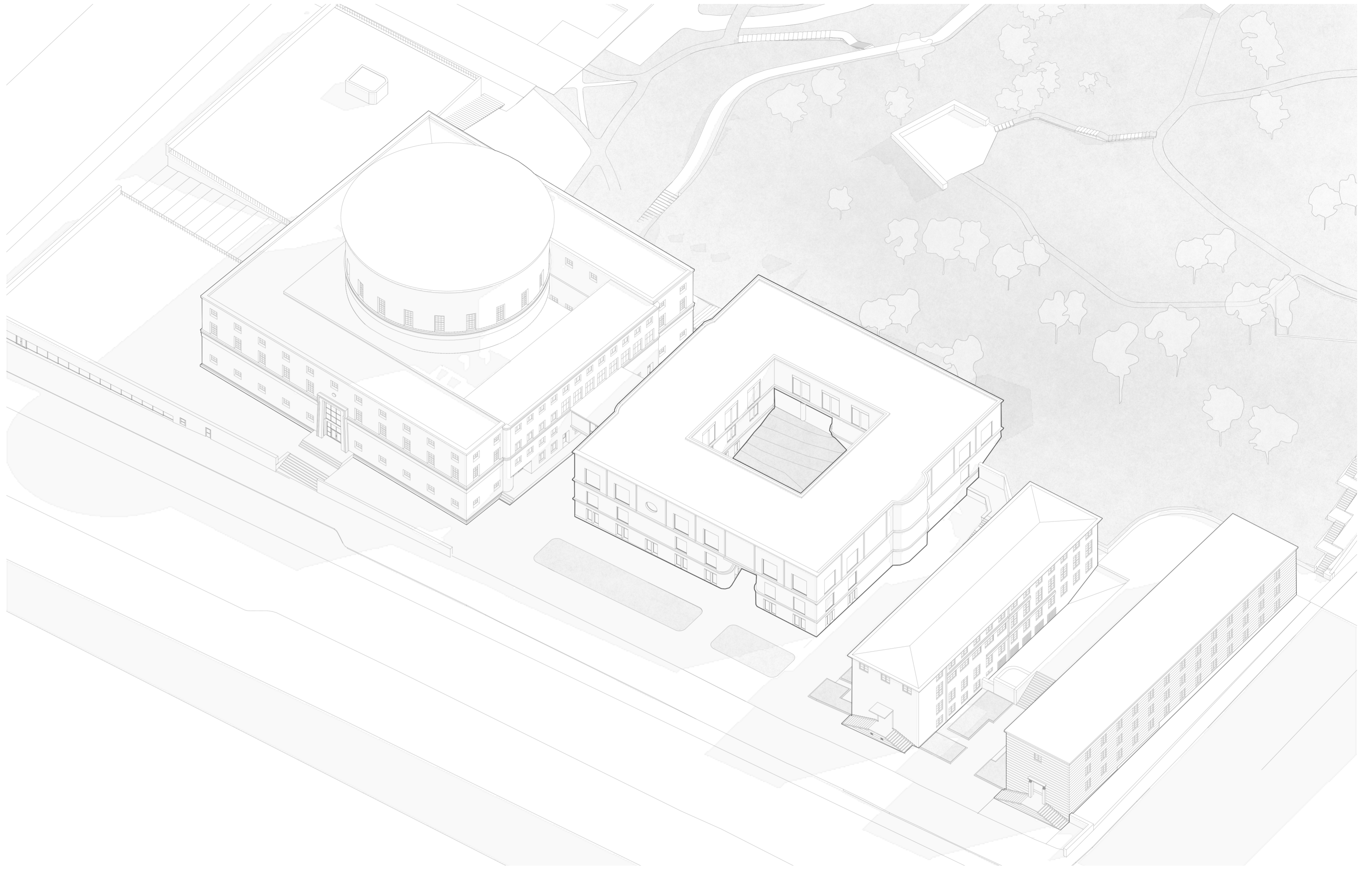


central space is serving the surrounding spaces





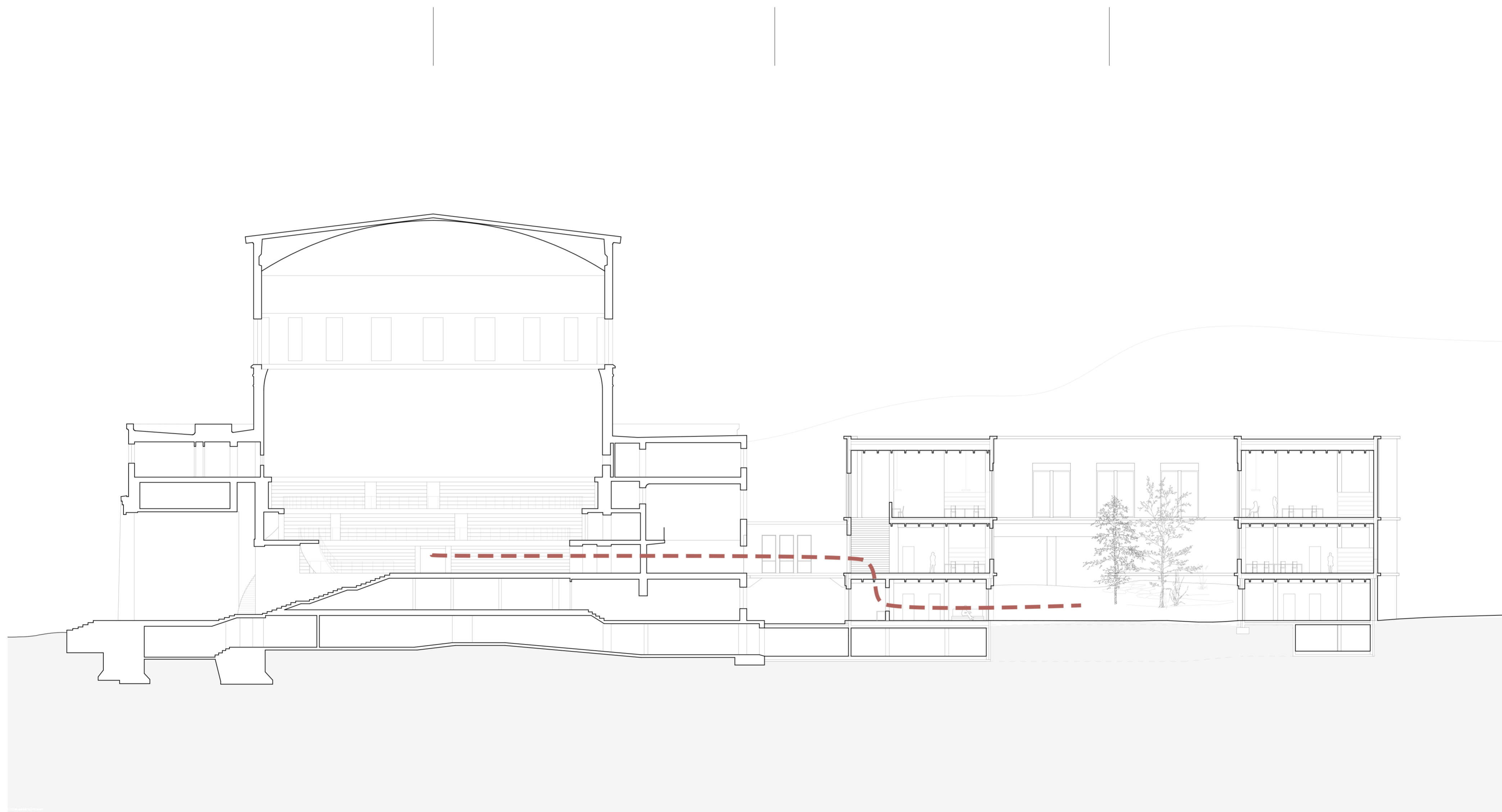


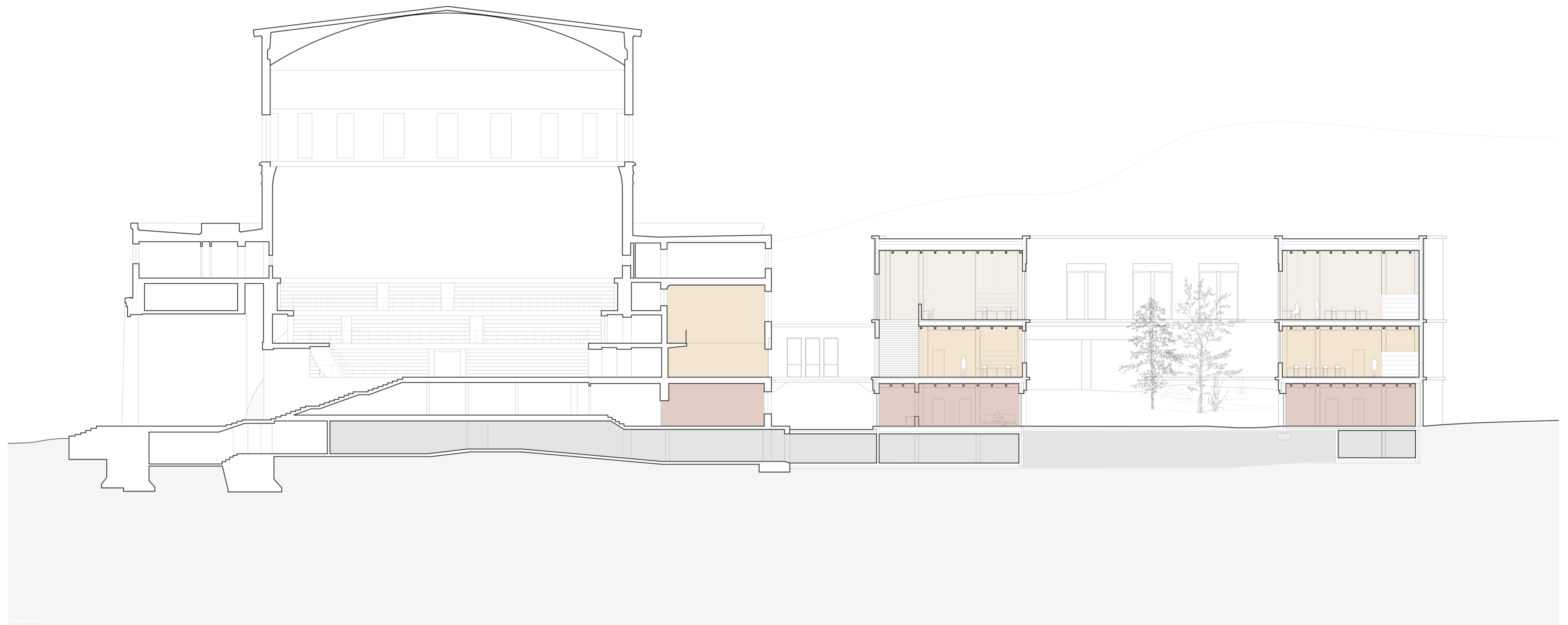


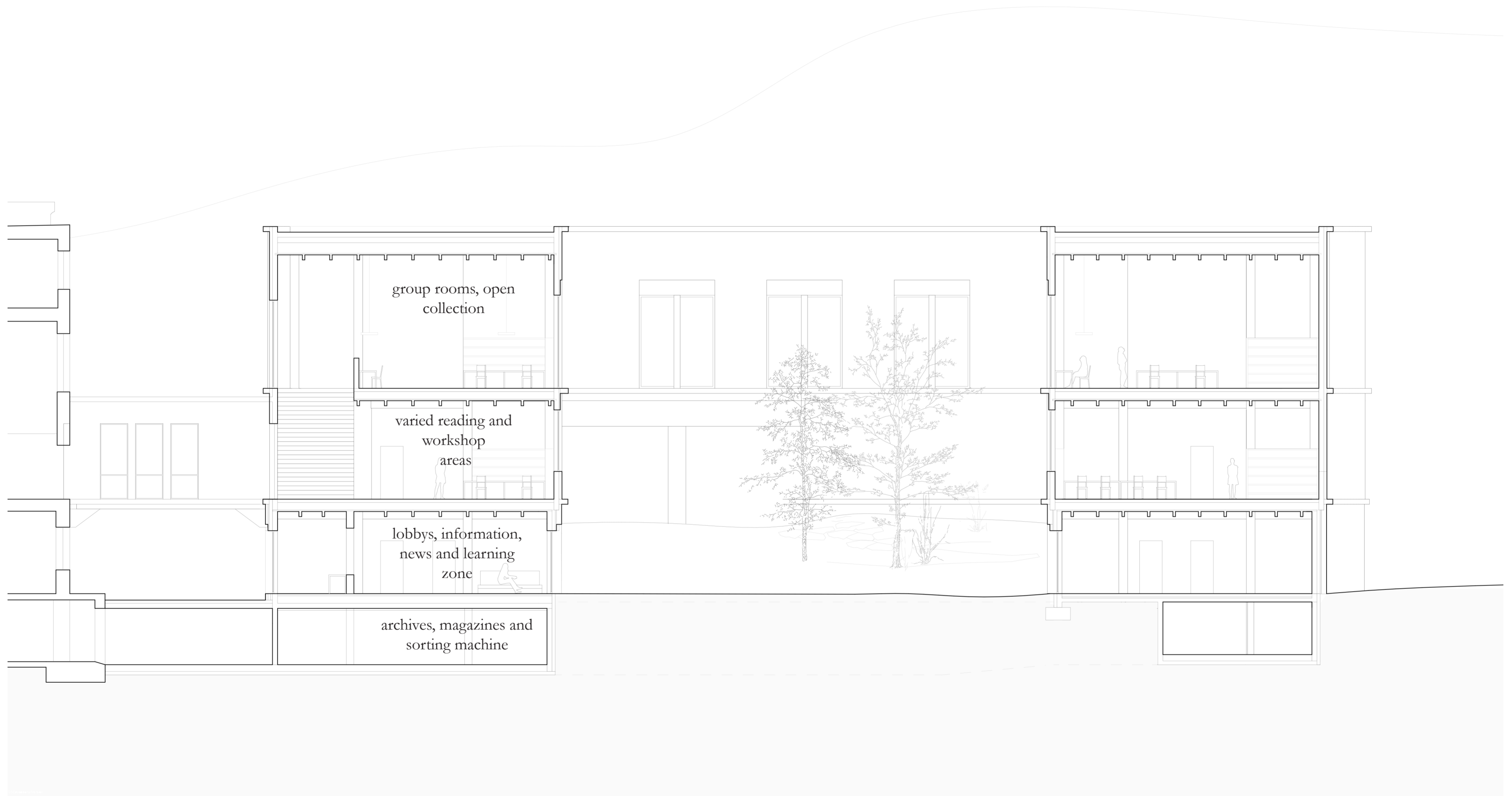
Enclosed monumental space

Connection

Open central void







**Library**

Basement	
Air handler auditorium	10
Archive	21
Archive	56
Communication	19
Communication	58
Elevator	2
Sorting plant	102
Stairs	18
Stairs	22
Technical room	43
Transformer station	21
Vertical riser	5
Waste 01	9
Waste 02	9
Zone	37
Zone for loading/unloading	41
Zone for packing/unpacking	58

**Ground floor**

Auditorium	180
Auditorium storage	35
Cleaners storage	6
Communication	2
Communication	3
Communication	4
Communication	5
Communication	9
Communication	9
Deliveries entrance area	76
Elevator	2
Elevator	2
Elevator	2
Elevator	2
Entrance area	147
Entrance lobby	67
Info desk	15
Lockers	26
News zone	139
Stairs	18
Stairs	22
The learning zone	82
Toilets	3
Toilets	4
Toilets	5
Toilets	14
Vertical riser	1
Vertical riser	3
Vertical riser	5
Workshop Reading room	55

**First floor**

Cleaners storage	7
Communication	2
Communication	3
Communication	4
Communication	5
Communication	9
Communication	15
Connecting pavilion	81
Elevator	2
Elevator	2
Elevator	2
Elevator	2
Flexible offices	145
Foyer	36
Open collection	144
Open collection	148
Stairs	18
Stairs	22
Stairs	32
Toilets	3
Toilets	4
Toilets	5
Toilets	14
Vertical riser	0
Vertical riser	1
Vertical riser	3
Vertical riser	5
Workshop Reading room	56
Workshop Reading room	88
Workshop Reading room	88

**Second floor**

Cleaners storage	7
Cleaners storage	7
Communication	8
Communication	8
Communication	9
Communication	9
Communication	9
Communication	15
Communication	15
Elevator	2
Elevator	2
Elevator	2
Elevator	2
Group Room	106
Group Room	106
Group Room	106
Group Room	106
Open collection Study area	121
Open collection Study area	137
Stairs	18
Stairs	22
Stairs	35
Storage	20
Toilets	3
Toilets	3
Toilets	14
Toilets	20
Vertical riser	1
Vertical riser	2
Vertical riser	3
Vertical riser	5
Workshop Reading room	72
Workshop Reading room	72
Workshop Reading room	80
Workshop Reading room	80

**Total Usable Area: 4 050**

**Asplundshuset**

Ground floor	
A.0.1 Communication	24,1
A.0.2 Toilets	14,1
A.0.3 Multimedia for children	150
A.0.4 Room with kitchenette	70
A.0.5 Reading area	80
A.0.6 Communication	20

**First floor**

A.1.1 Communication	24,1
A.1.2 Toilets	14,1
A.1.3 Communication	20

**Second floor**

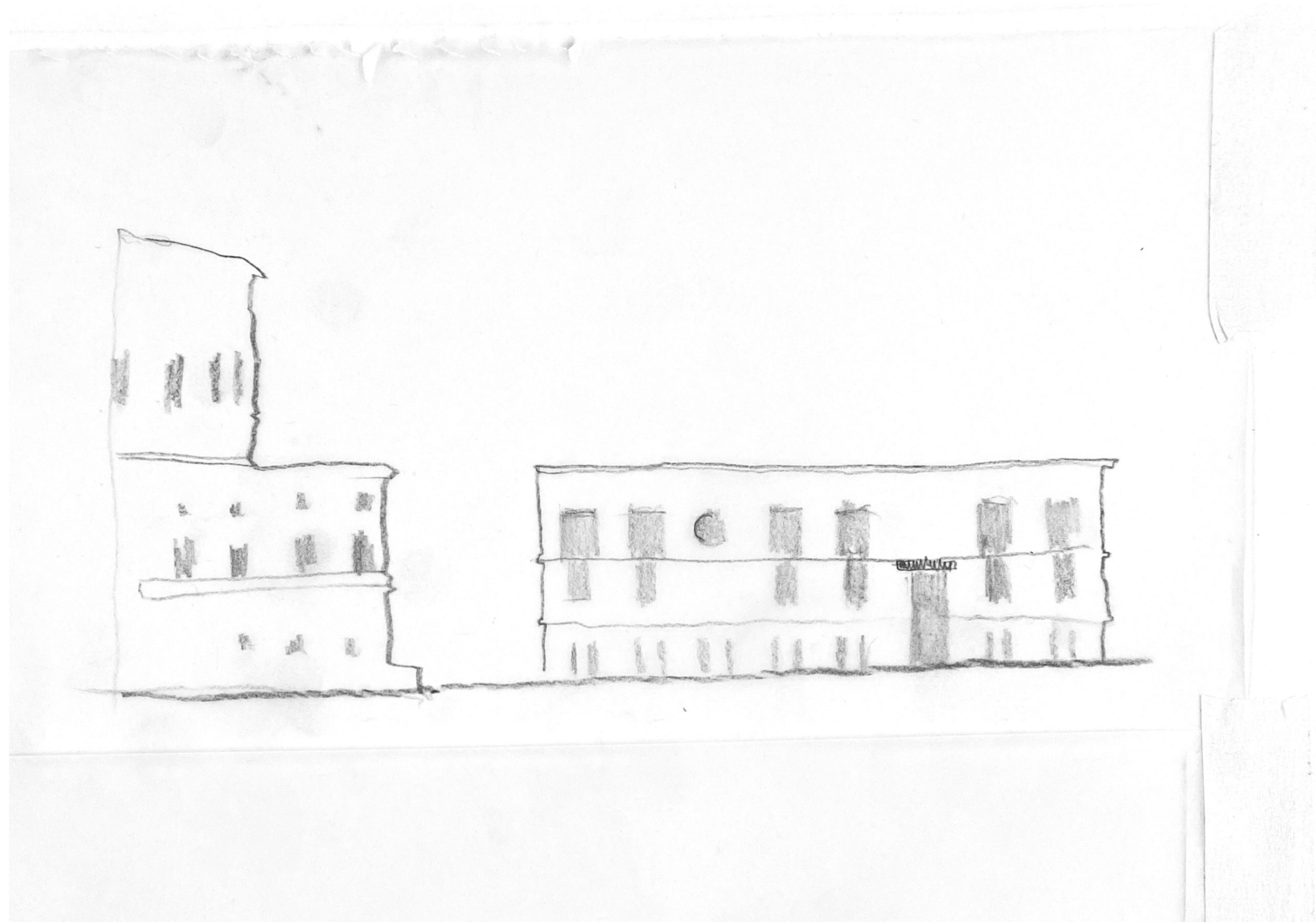
A.1.1 Communication	24,1
A.1.2 Toilets	14,1

**Total usable ara: 455**

**Bazaars**

B.1 Cafe	
B.2 Cafe service area	100
B.3 Library shop	
B.4 Exhibition space	
B.5 City assembly hall	
B.6 Toilets and storage	
B.7 Toilets and storage	34
B.8 Workshops (20)	
B.9 Workshop	
B.10 Workshop	
B.11 Workshop	

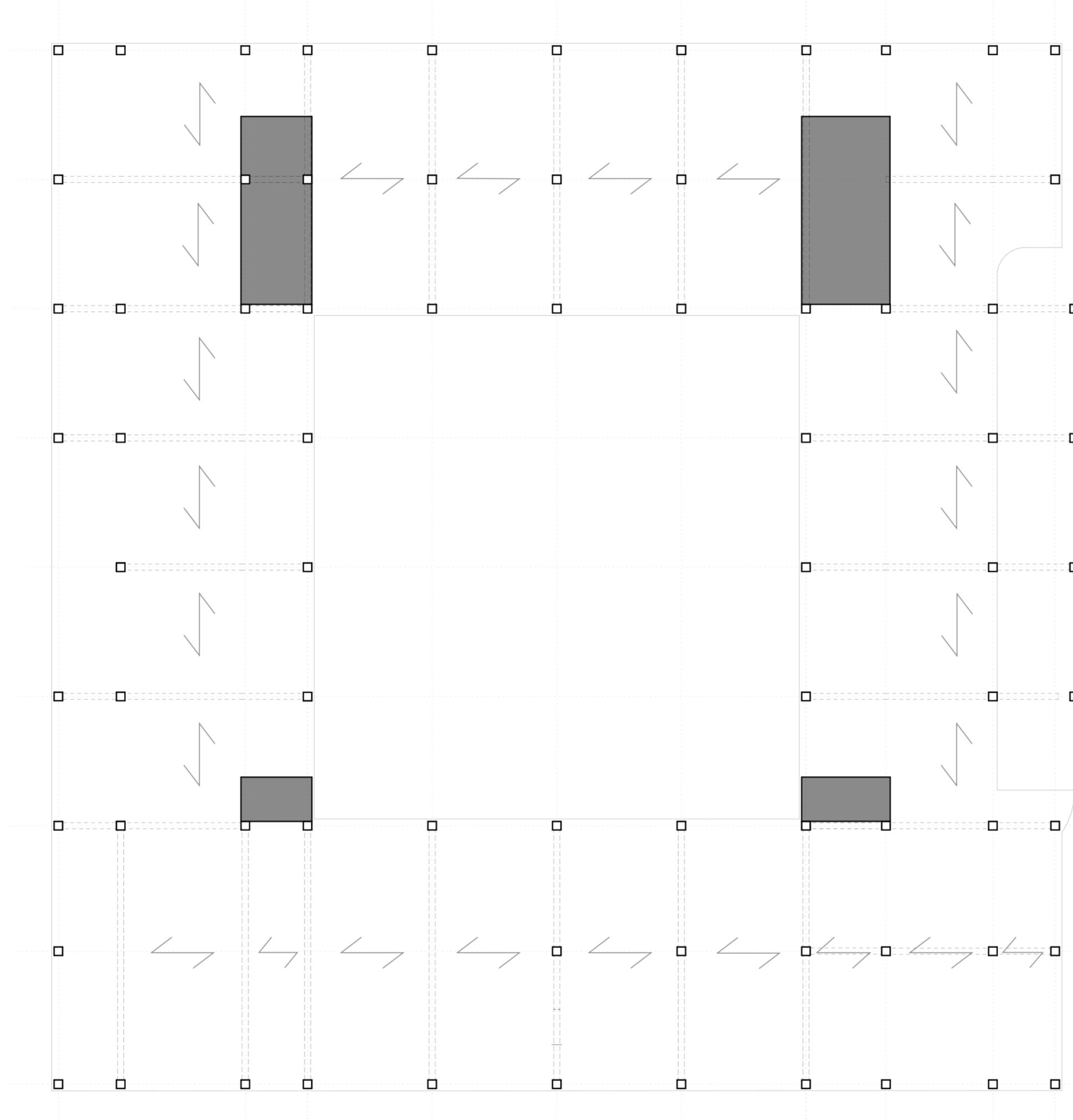
**Total usable ara: 1327**

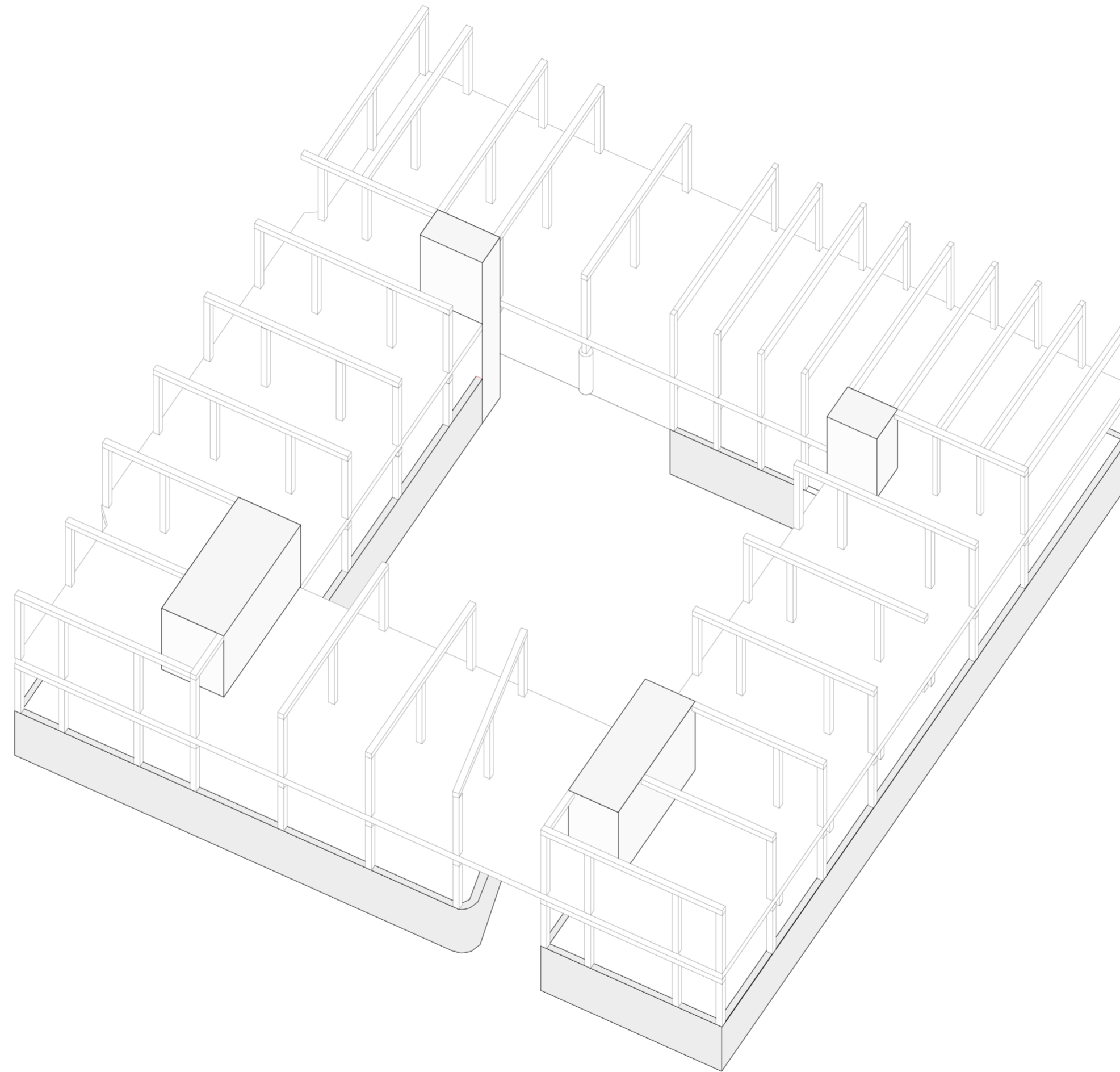


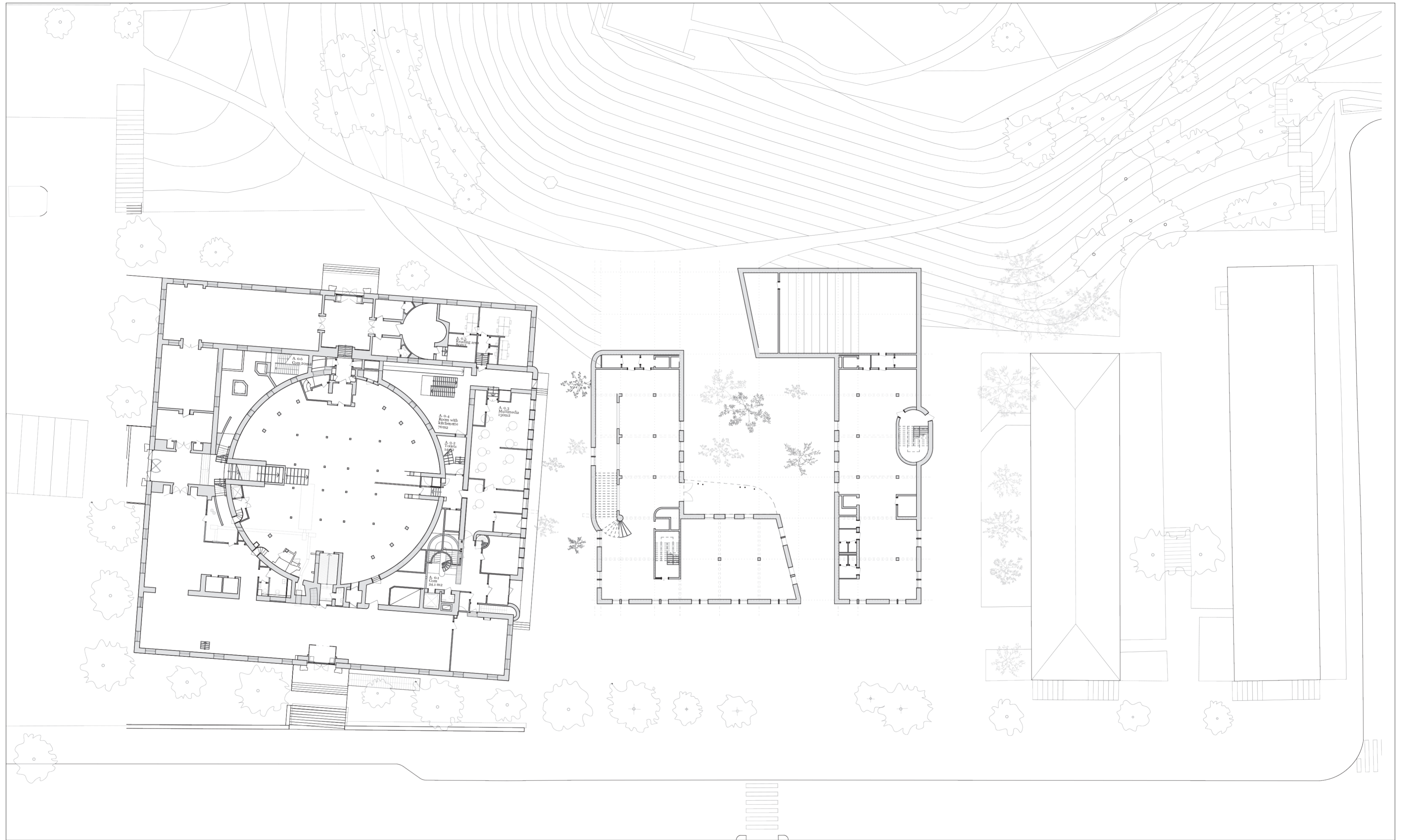


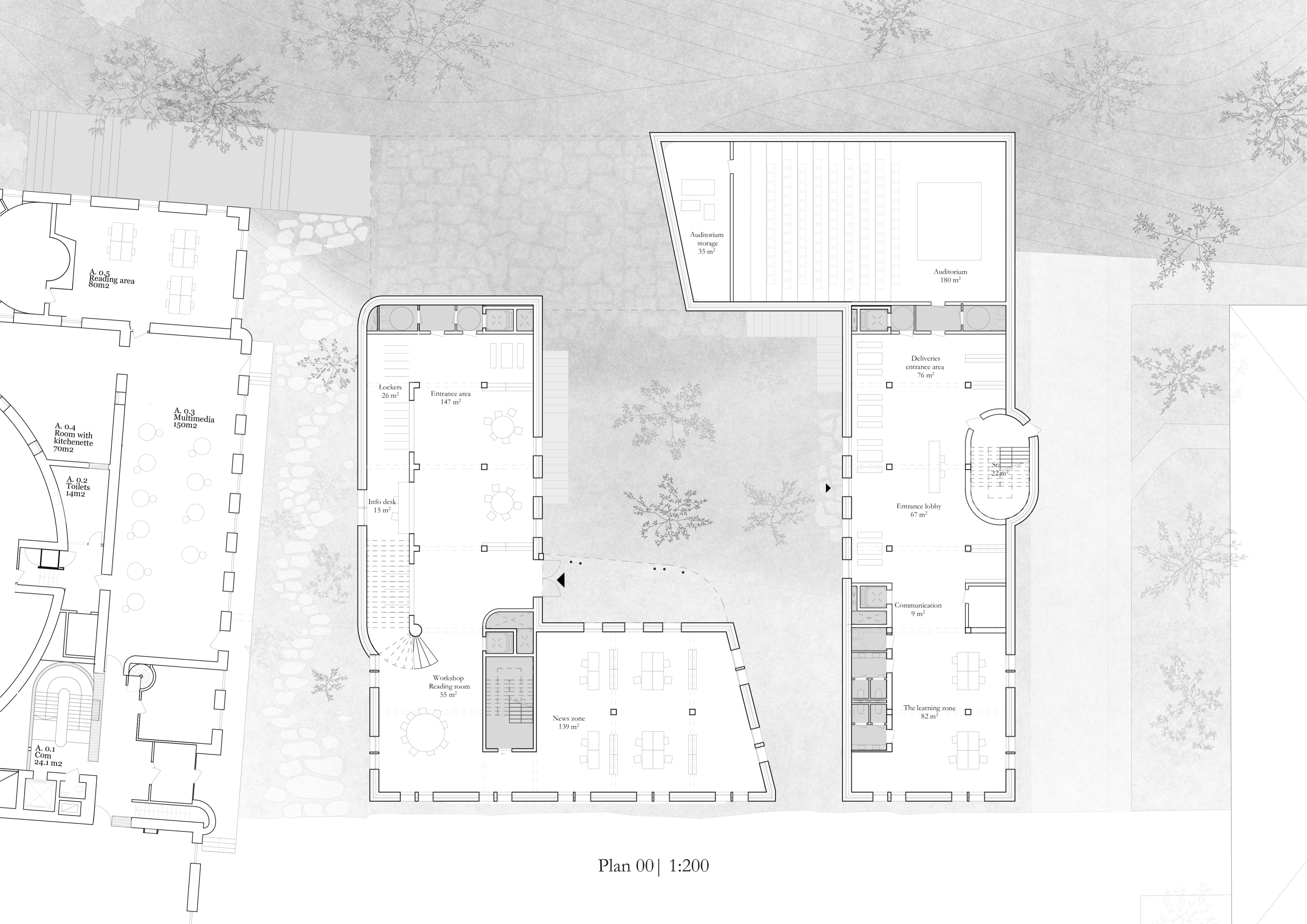












A. 0.5  
Reading area  
80m<sup>2</sup>

A. 0.4  
Room with  
kitchenette  
70m<sup>2</sup>

A. 0.2  
Toilets  
14m<sup>2</sup>

A. 0.3  
Multimedia  
150m<sup>2</sup>

A. 0.1  
Com  
24.1 m<sup>2</sup>

Lockers  
26 m<sup>2</sup>

Entrance area  
147 m<sup>2</sup>

Info desk  
15 m<sup>2</sup>

Workshop  
Reading room  
55 m<sup>2</sup>

News zone  
139 m<sup>2</sup>

Auditorium  
storage  
35 m<sup>2</sup>

Auditorium  
180 m<sup>2</sup>

Deliveries  
entrance area  
76 m<sup>2</sup>

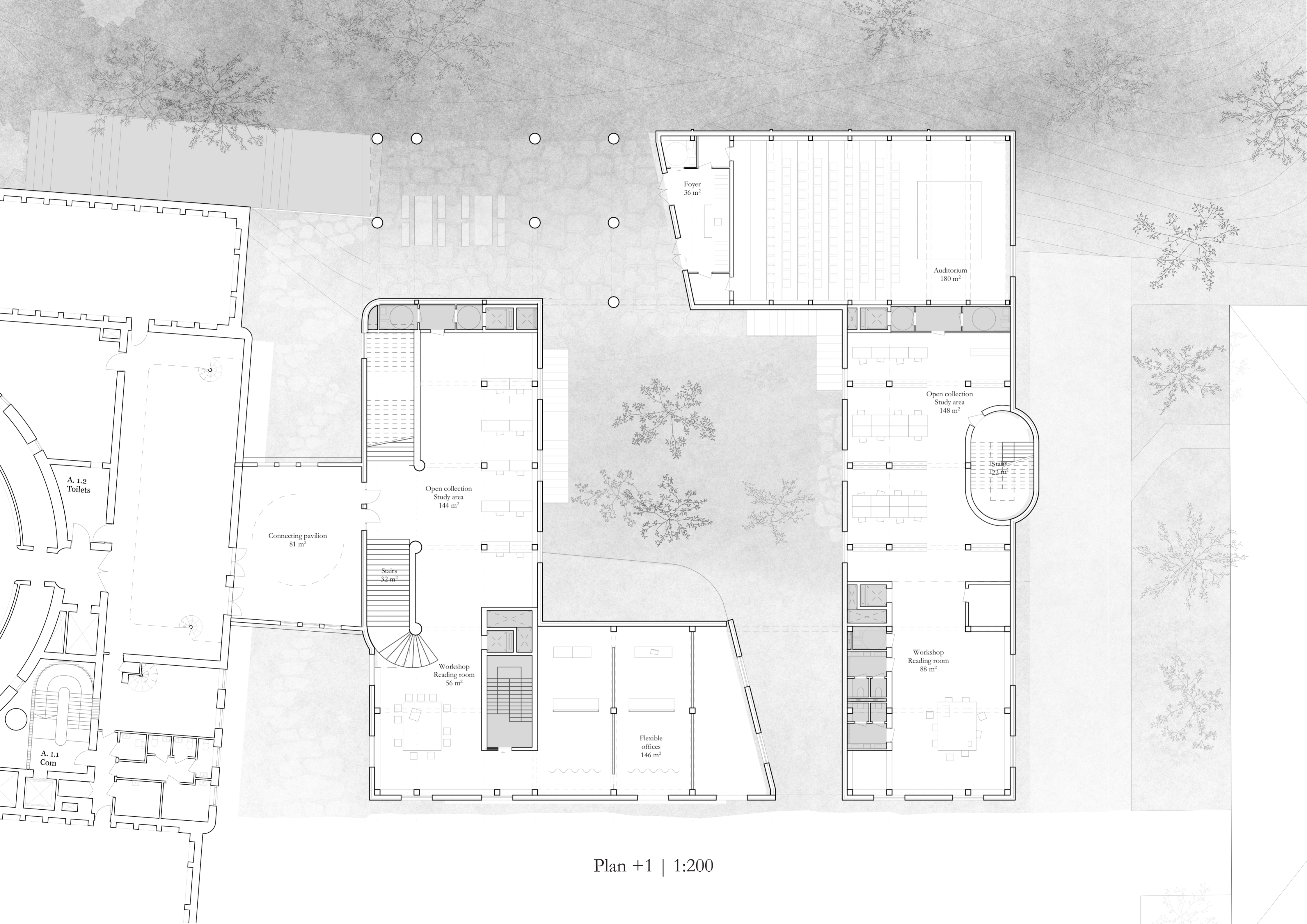
Stair  
22 m<sup>2</sup>

Entrance lobby  
67 m<sup>2</sup>

Communication  
9 m<sup>2</sup>

The learning zone  
82 m<sup>2</sup>





Plan +1 | 1:200

Foyer  
36 m<sup>2</sup>

Auditorium  
180 m<sup>2</sup>

Open collection  
Study area  
148 m<sup>2</sup>

Stairs  
122 m<sup>2</sup>

Open collection  
Study area  
144 m<sup>2</sup>

Connecting pavilion  
81 m<sup>2</sup>

Stairs  
32 m<sup>2</sup>

Workshop  
Reading room  
56 m<sup>2</sup>

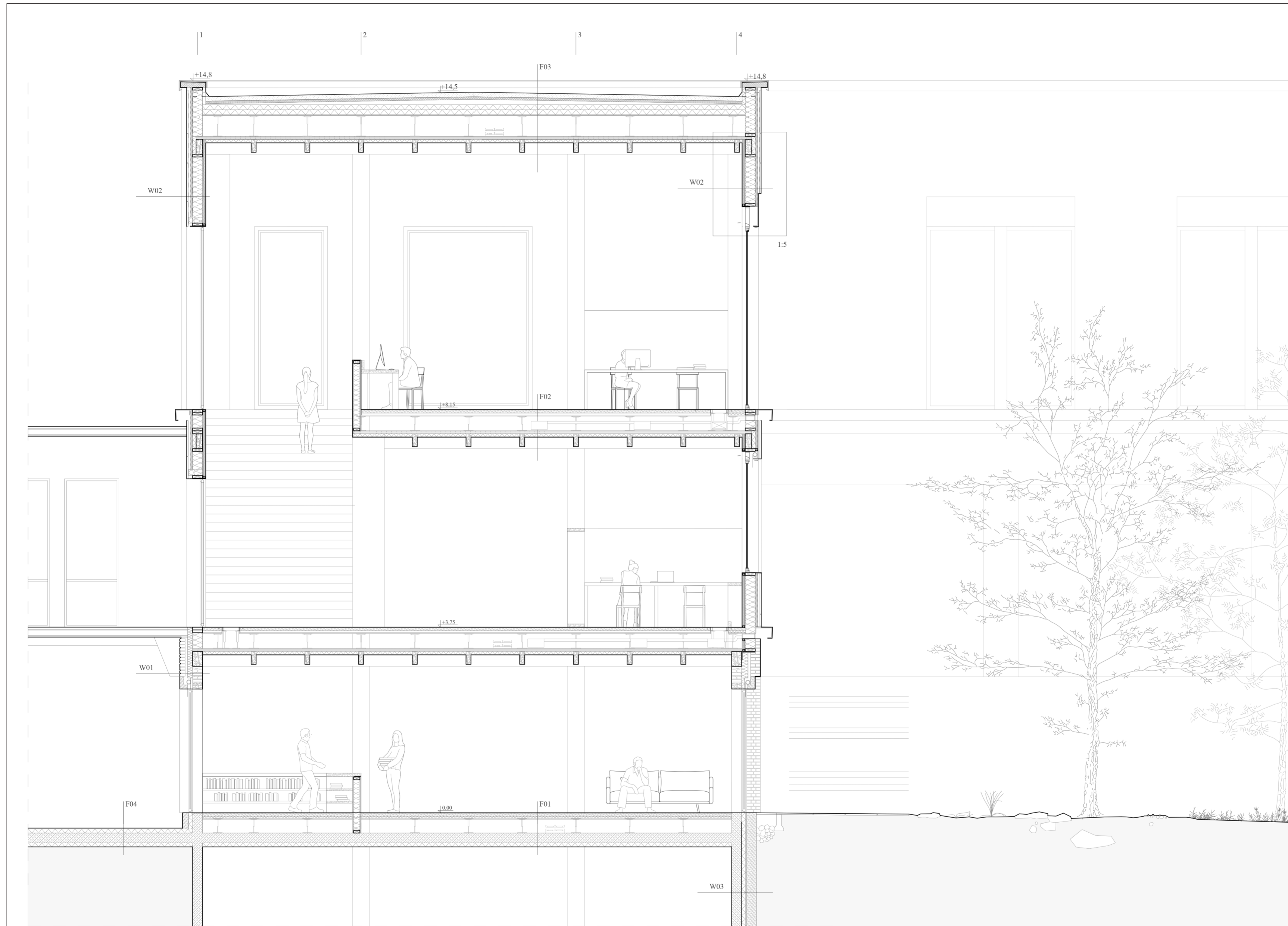
Flexible  
offices  
146 m<sup>2</sup>

Workshop  
Reading room  
88 m<sup>2</sup>

A. 1.2  
Toilets

A. 1.1  
Com





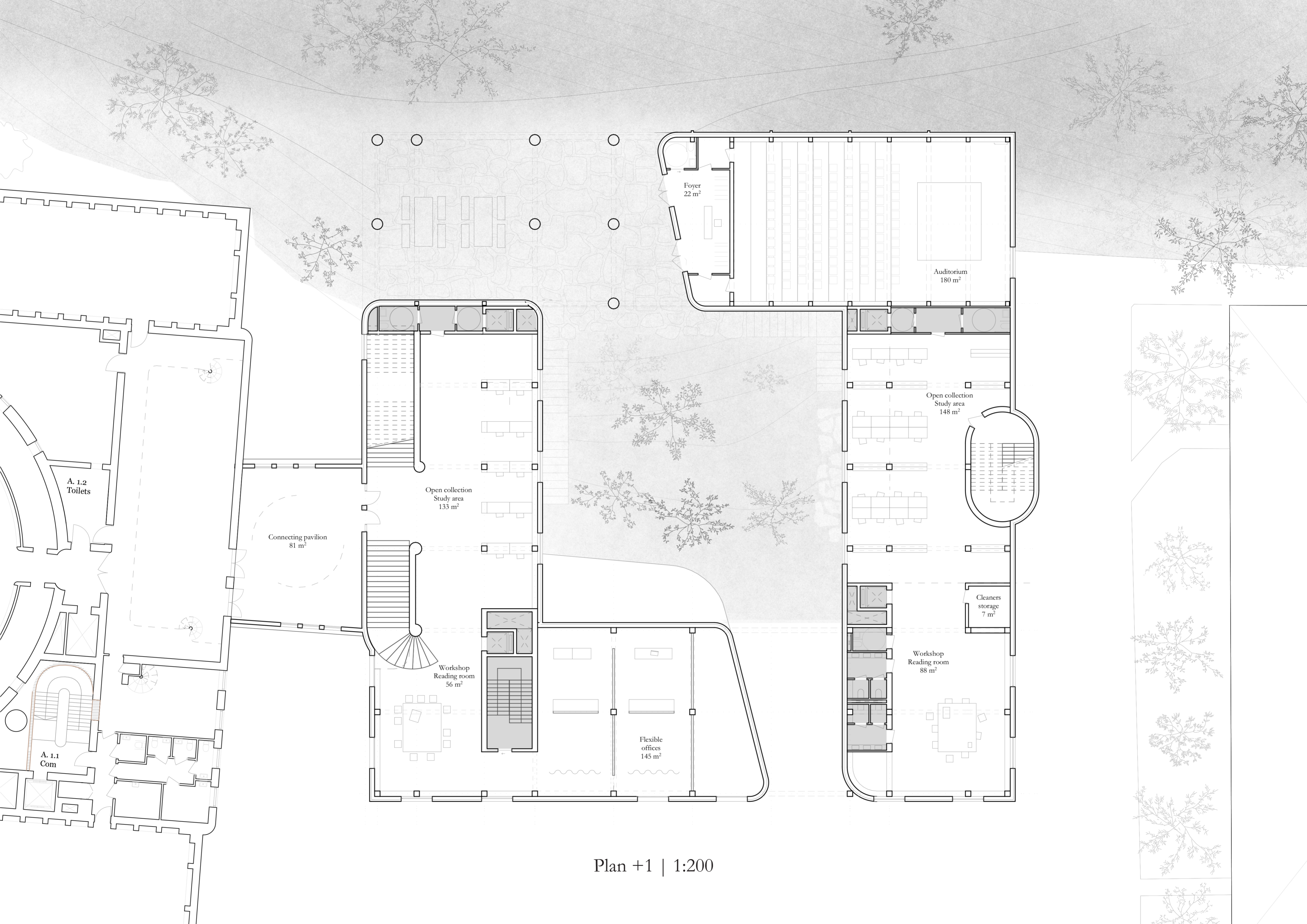
F01:  
 8mm flooring  
 60mm screed with underfloor heating  
 polythene separating layer  
 40mm impact sound insulation  
 20mm composite wood boarding  
 300mm hollow-floor construction  
 200mm reinforced concrete floor  
 100mm insulation

F02:  
 8mm flooring  
 60mm screed with underfloor heating  
 polythene separating layer  
 40mm impact sound insulation  
 20mm composite wood boarding  
 300mm hollow-floor construction  
 60mm CLT floor

F03:  
 90mm extensive growth substrate  
 5mm filter fabric  
 50mm drainage element  
 5mm root-proof layer  
 35-50mm tilted thermal insulation  
 5mm waterproof insulation  
 200 mm thermal insulation  
 5mm damp-proof course  
 20mm composite wood boarding  
 420mm hollow-floor construction  
 60mm CLT floor

W01  
 110mm facing brickwork with recycled bricks  
 in running bond, pointed and slurred with lime  
 mortar.  
 50mm ventilation gap  
 100mm thermal insulation  
 200mm load-bearing wall from recycled bricks

W02  
 30mm ceramic tiles external wall cladding  
 40mm ventilation layer with metal cladding  
 frame  
 5mm wind barrier  
 50mm thermal insulation  
 200mm construction timber with variable insula-  
 tion material  
 5mm vapour barrier  
 12.5mm gypsum fibre board



Foyer  
22 m<sup>2</sup>

Auditorium  
180 m<sup>2</sup>

Open collection  
Study area  
148 m<sup>2</sup>

Open collection  
Study area  
133 m<sup>2</sup>

Connecting pavilion  
81 m<sup>2</sup>

Workshop  
Reading room  
56 m<sup>2</sup>

Flexible  
offices  
145 m<sup>2</sup>

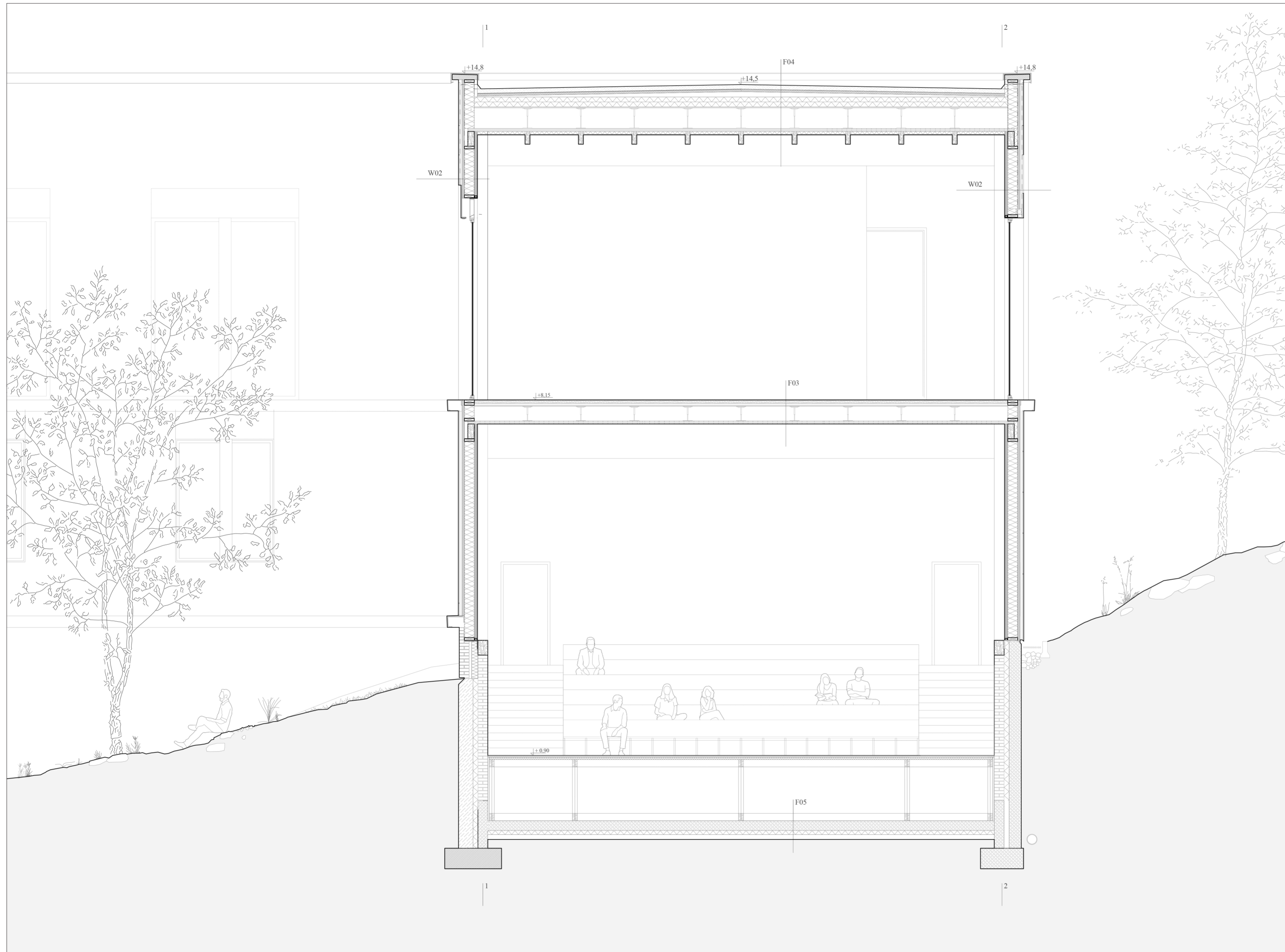
Cleaners  
storage  
7 m<sup>2</sup>

Workshop  
Reading room  
88 m<sup>2</sup>

A. 1.2  
Toilets

A. 1.1  
Com

Plan +1 | 1:200



F02:  
 8mm flooring  
 60mm screed with underfloor heating  
 polythene separating layer  
 40mm impact sound insulation  
 20mm composite wood boarding  
 300mm hollow-floor construction  
 60mm CLT floor

F03:  
 90mm extensive growth substrate  
 5mm filter fabric  
 50mm drainage element  
 5mm root-proof layer  
 35-50mm tilted thermal insulation  
 5mm waterproof insulation  
 200 mm thermal insulation  
 5mm damp-proof course  
 20mm composite wood boarding  
 420mm hollow-floor construction  
 60mm CLT floor

F05:  
 timber auditorium construction  
 200mm reinforced concrete  
 100mm thermal insulation  
 100mm gravel layer

W01:  
 110mm facing brickwork with recycled bricks  
 in running bond, pointed and slurred with lime  
 mortar.  
 50mm ventilation gap  
 100mm thermal insulation  
 200mm load-bearing wall from recycled bricks

W02:  
 30mm ceramic tiles external wall cladding  
 40mm ventilation layer with metal cladding  
 frame  
 5mm wind barrier  
 50mm thermal insulation  
 200mm construction timber with variable insula-  
 tion material  
 5mm vapour barrier  
 12.5mm gypsum fibre board

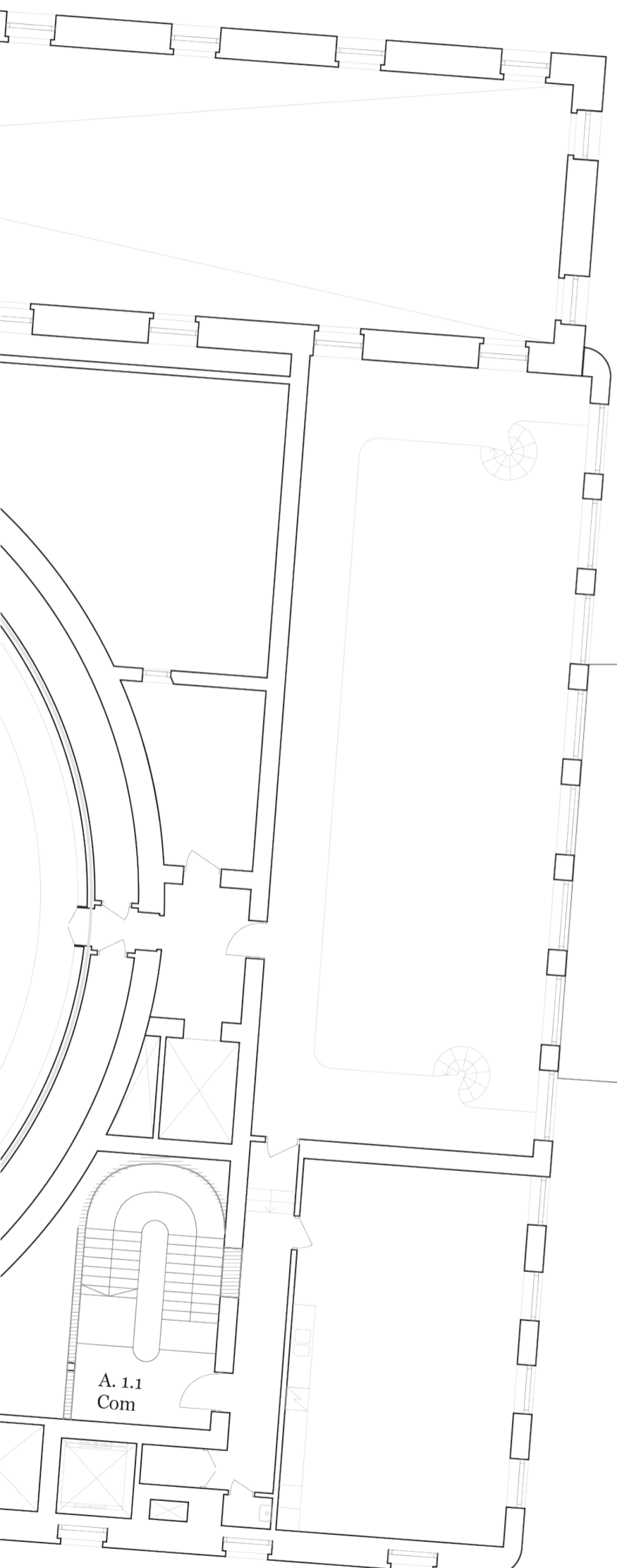
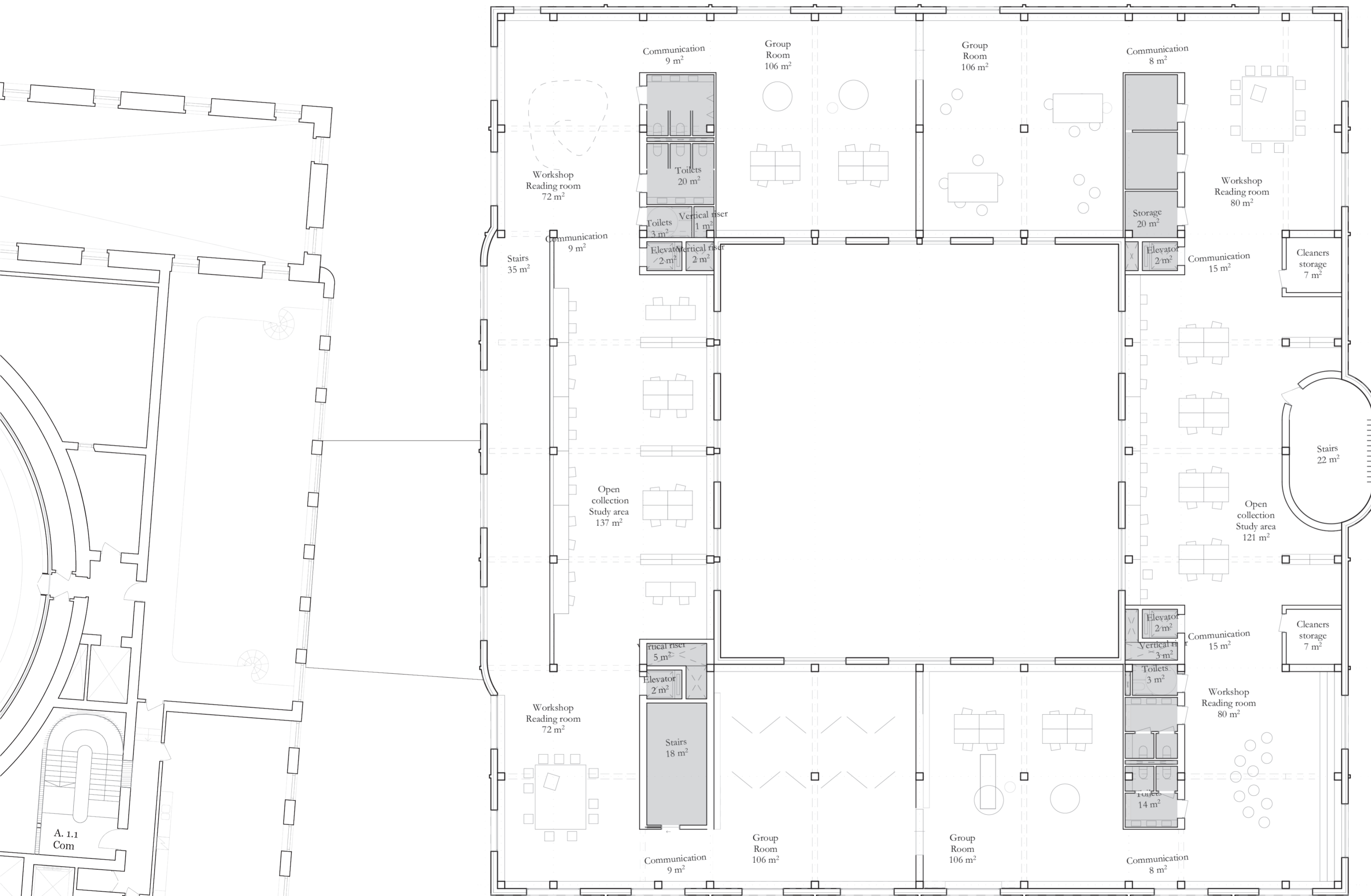








Basement plan | 1:200



n. Julia Zuzanna  
58/72 Pałęga

Plan +2 | 1:200



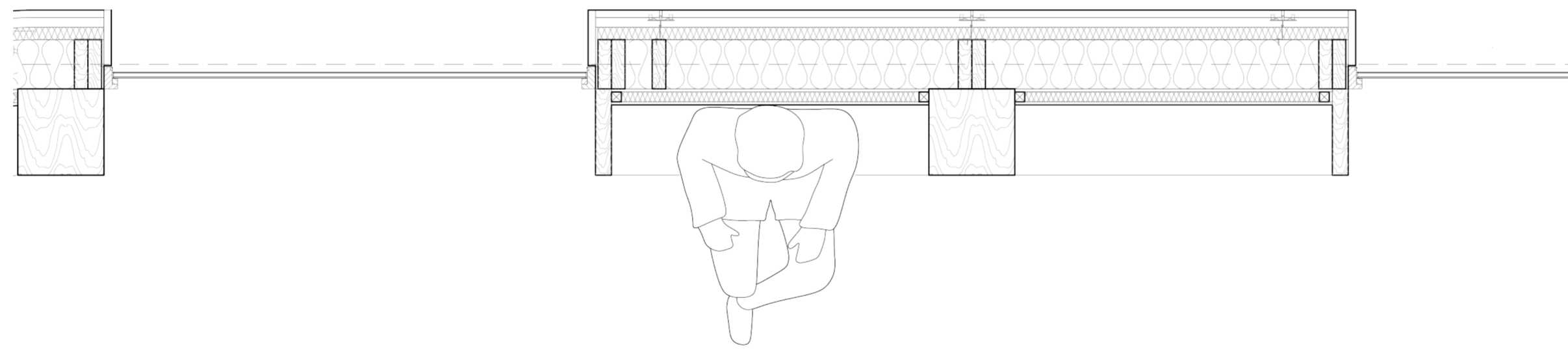


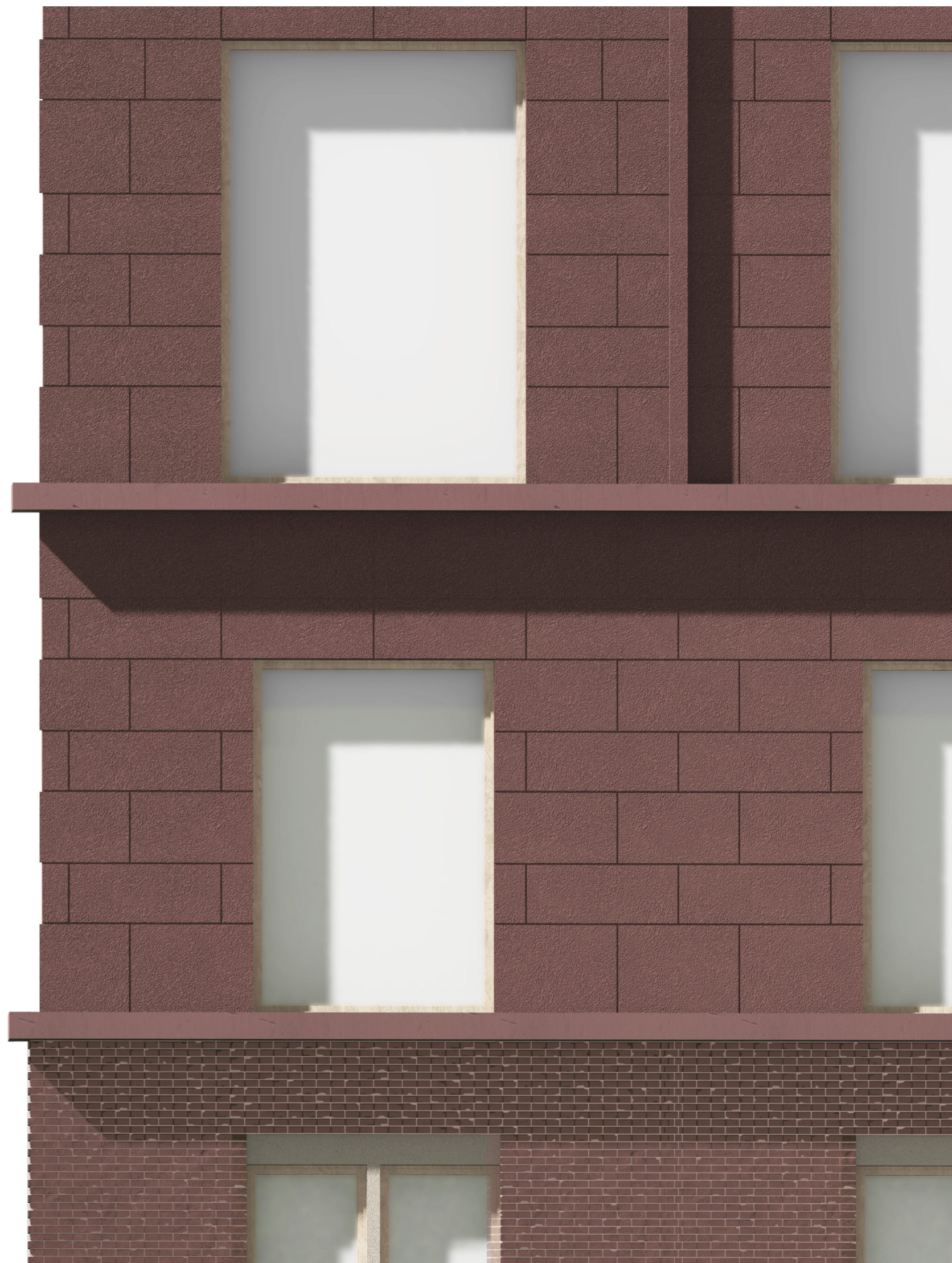
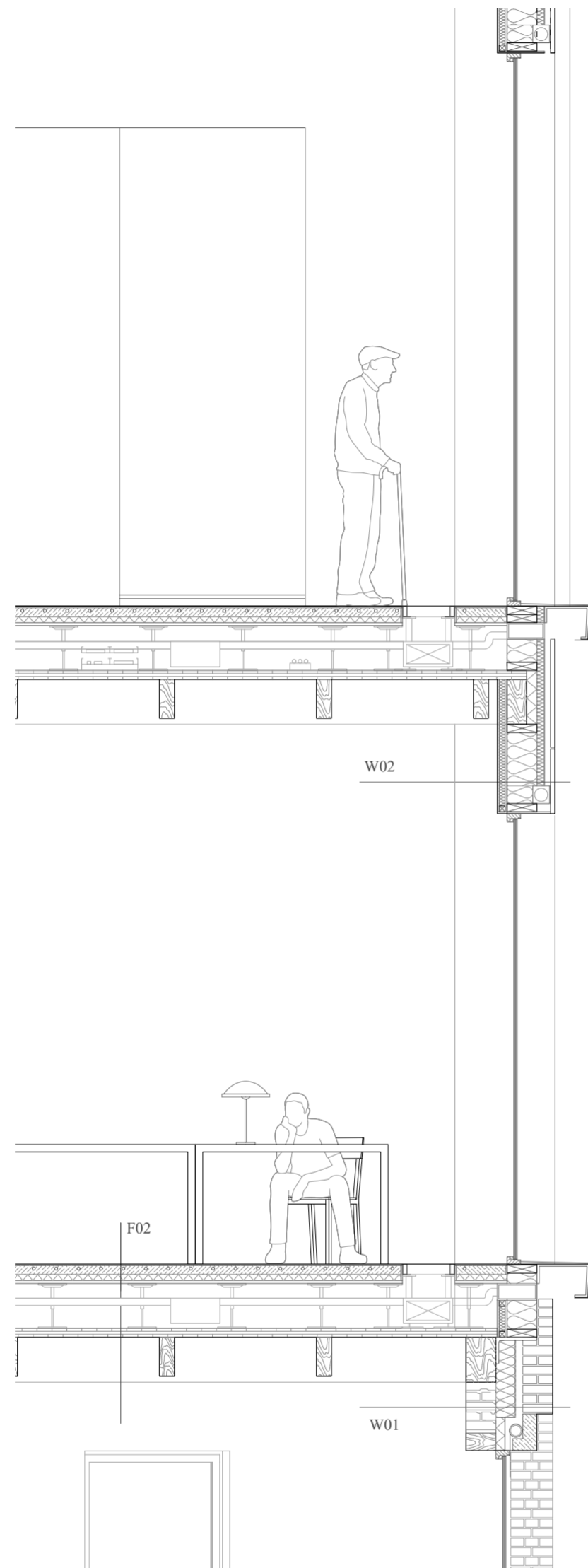
A. 1.1  
Com

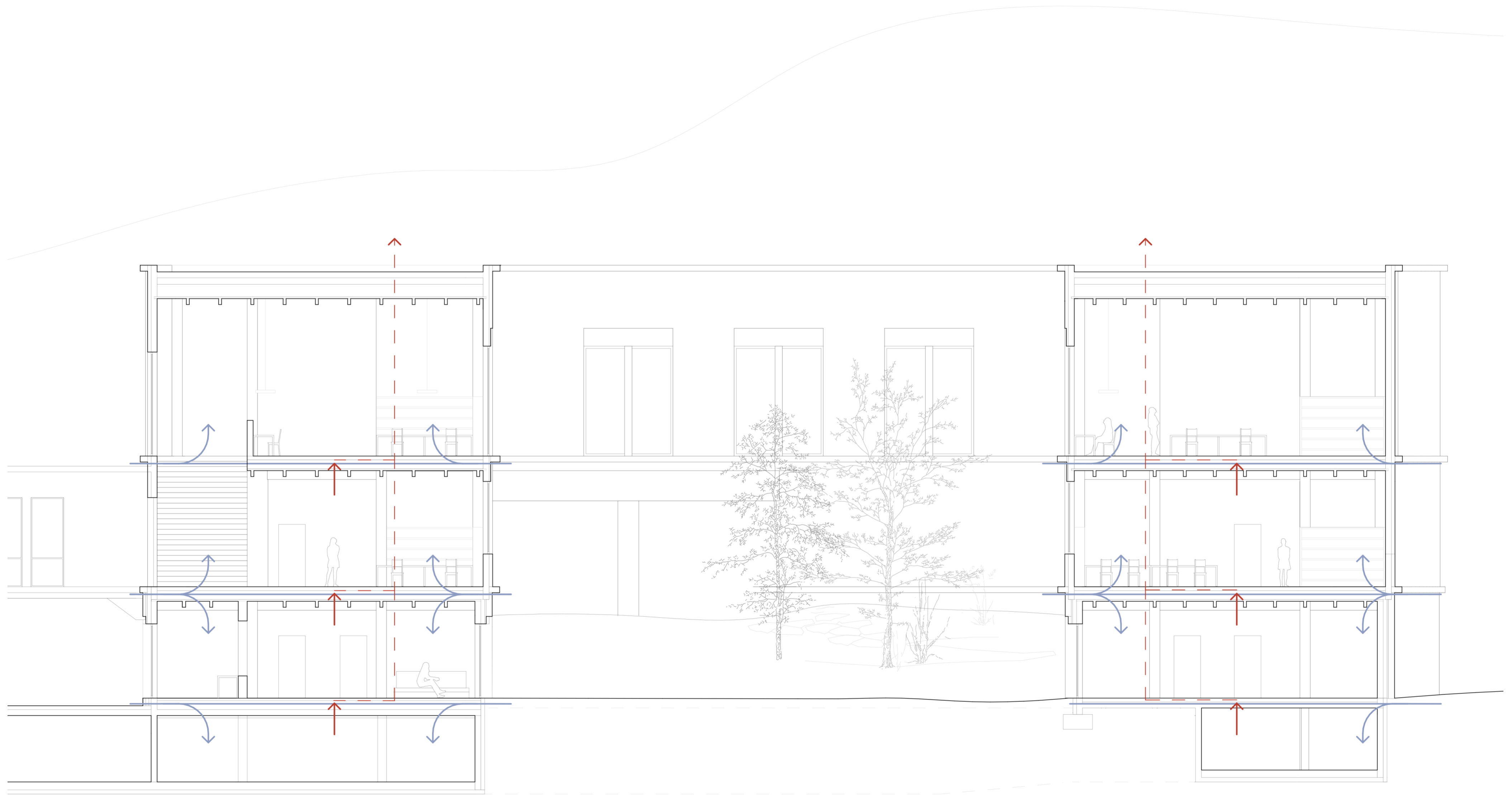








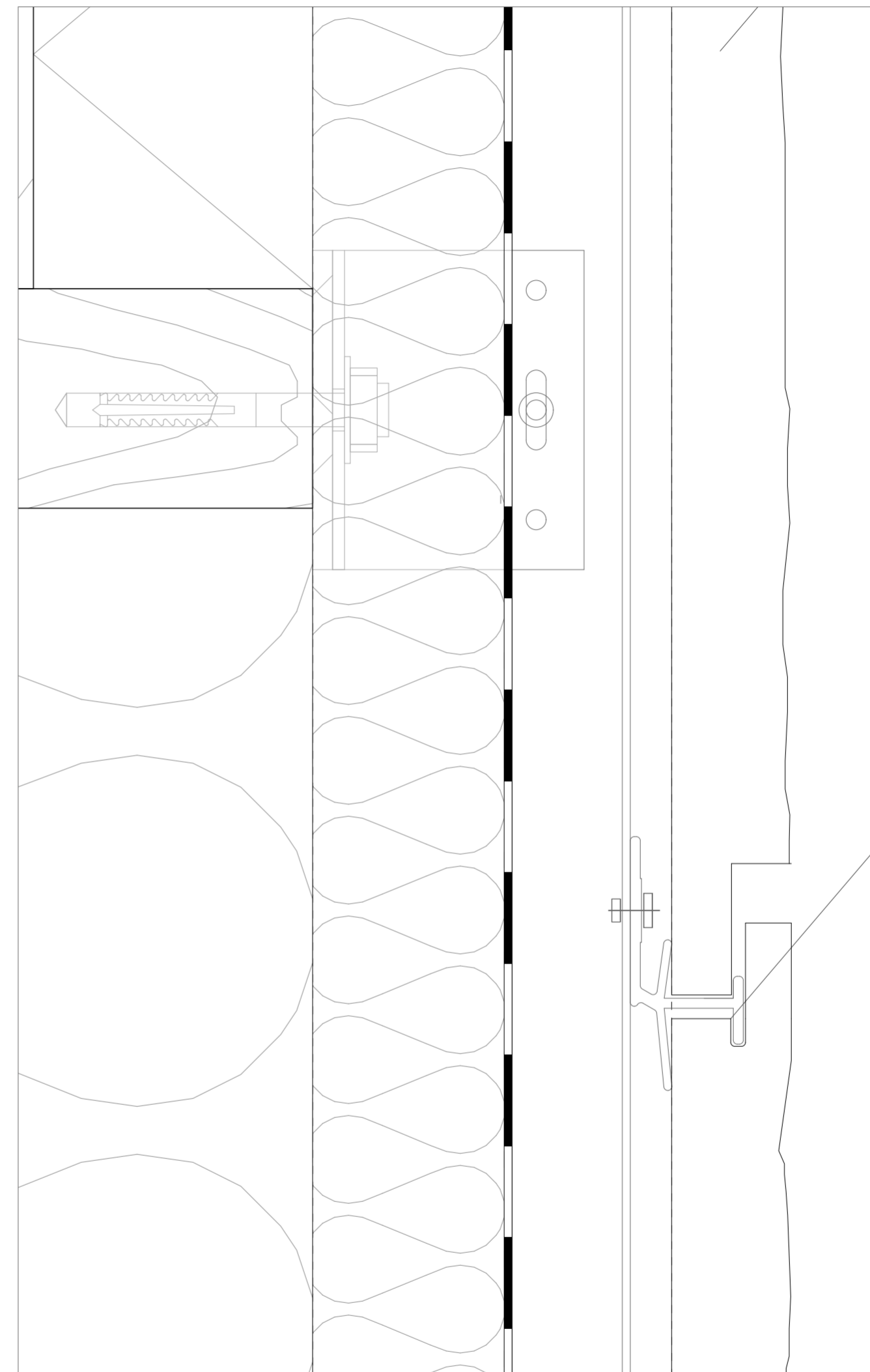
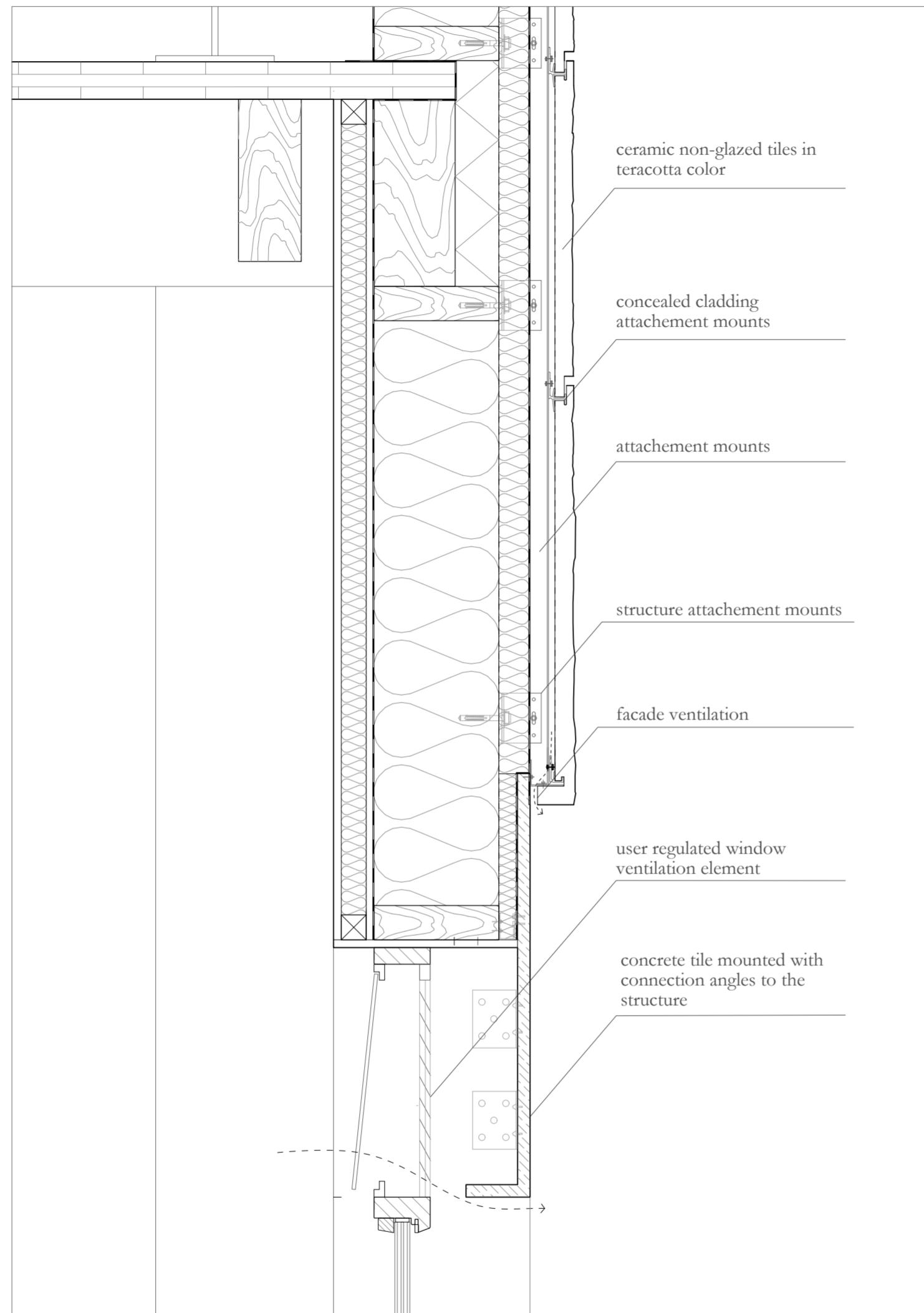


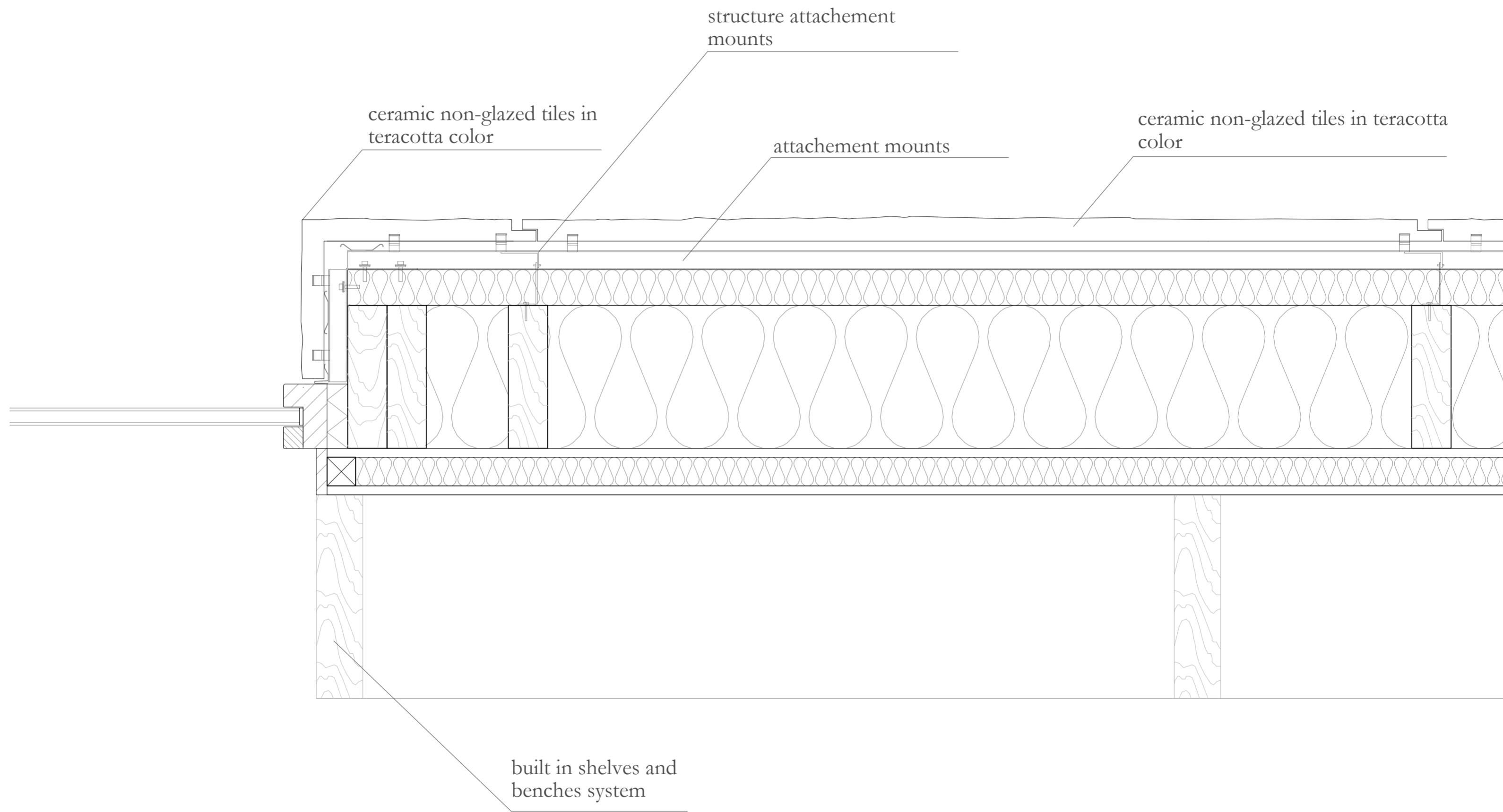














Thank You

Dziękuję