

P5 Presentation  
MSc 3/4 Palace  
Interiors Buildings Cities

Kelly Gumbs  
June 25, 2024

Design brief

Location

Understanding Asplund

The Stockholm Library

Program

Design proposal

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## **Design brief**

Location

Understanding Asplund

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View of the principal façade of Stockholm Public Library showing the pool and walkway, 51-55 Odengatan, Stockholm, © Bertil Norberg, (n.d.)

## The Stockholm City Library

A design by Erik Gunnar Asplund



Aerial view. Hanada, H. & Laboratory of Art and Architecture. [2007]. Delphinium. Retrieved from <https://www.arkitekt.se/tavling/stockholms-stadsbibliotek/>

**Delphinium, winning entry competition 2006**  
A design by Heike Hanada



**Winning entry competition 2014**  
A design by Caruso St. John Architects



Stockholm City Library from the park. EnDumEn [2007]. Retrieved from <https://commons.wikimedia.org/w/index.php?curid=69594608>

# Reimagine the Stockholm City Library

Design brief of the graduation studio

Design Brief

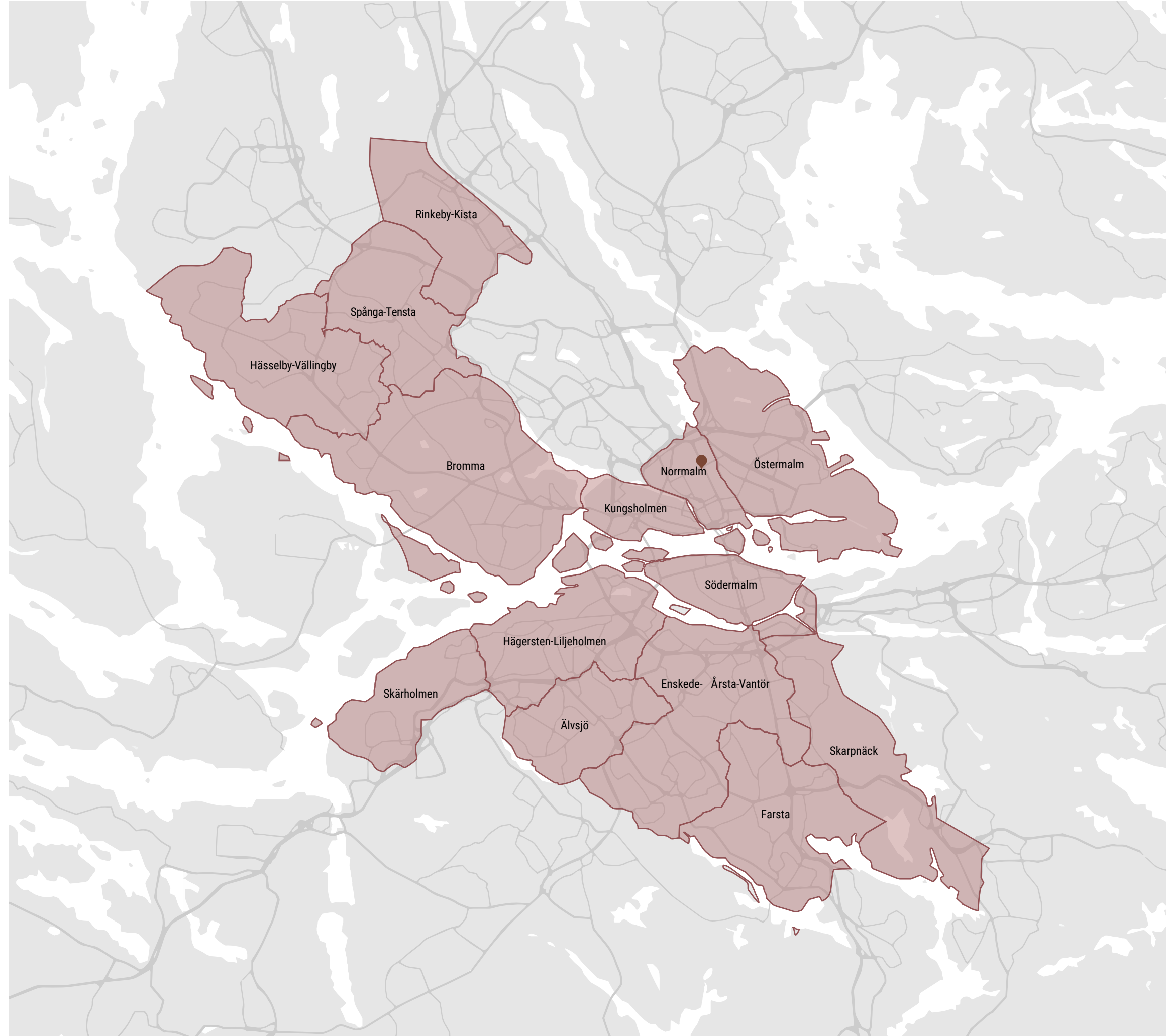
**Location**

Understanding Asplund

The Stockholm Library

Program

Design proposal



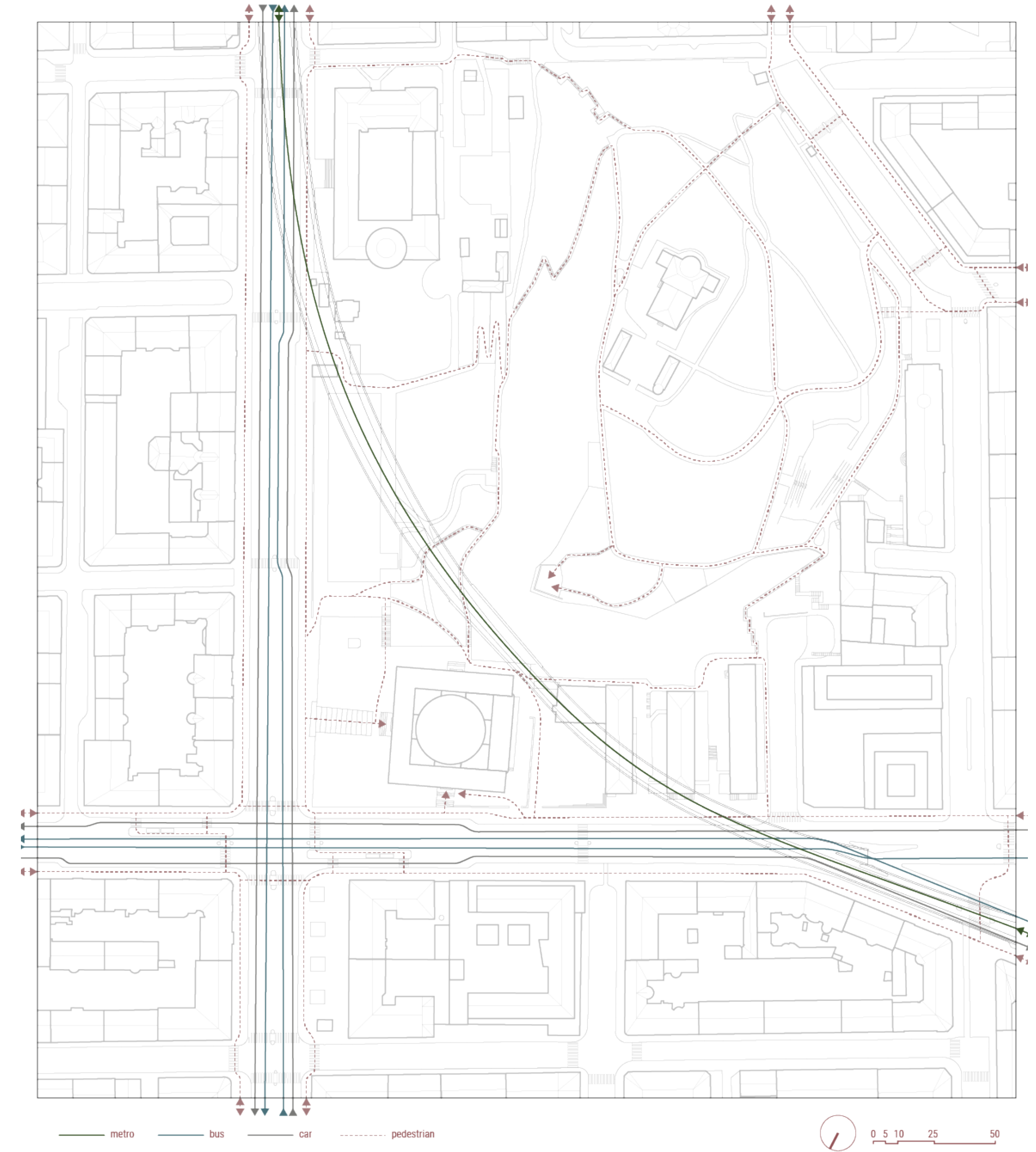
**Map of Stockholm**  
Location Stockholm library



**Map of Stockholm**  
Roads connecting the library with the city



Lindhagensplan 1866



# Routing



**View from Odenplan**



**View from the park**

Design brief

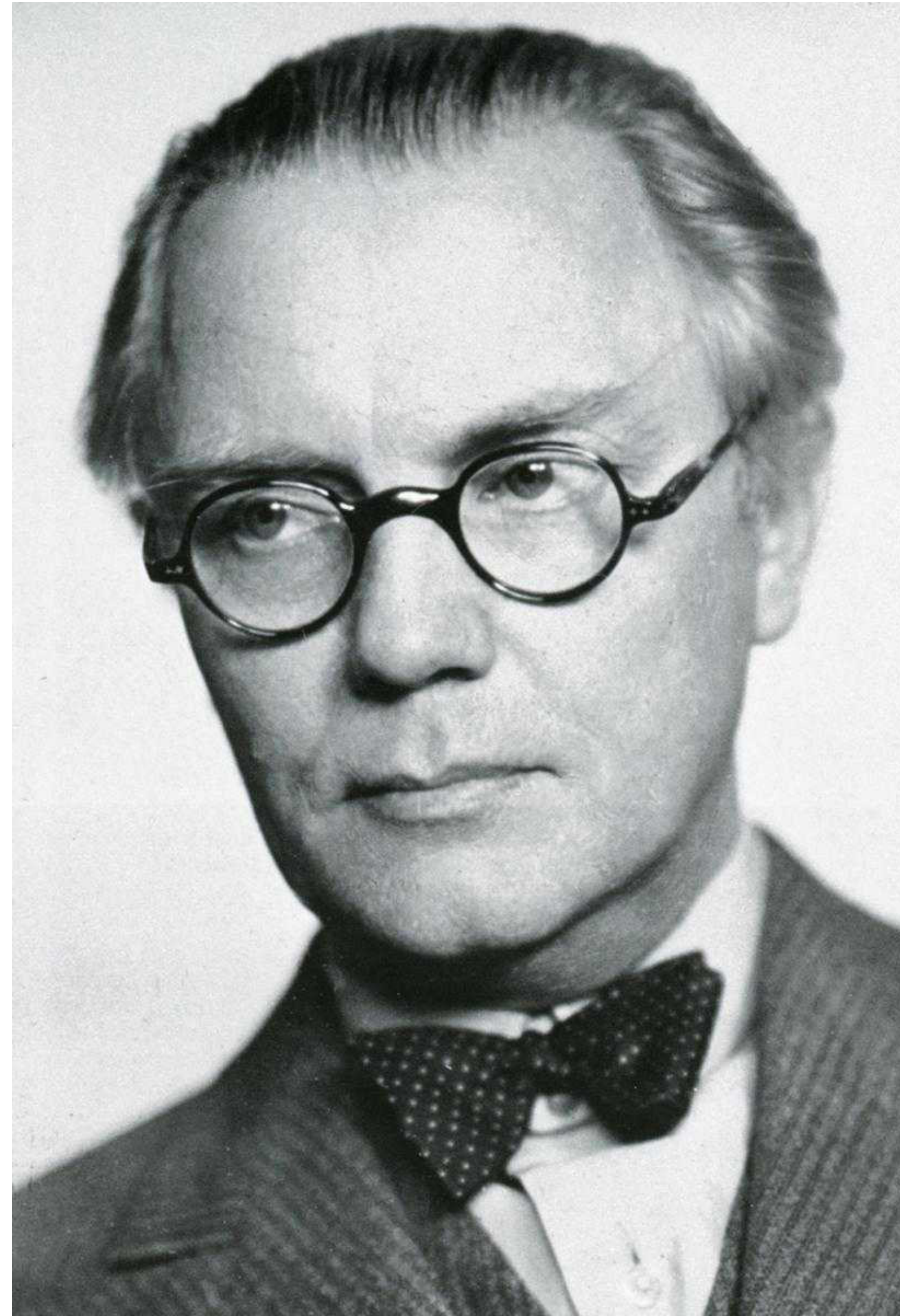
Location

## **Understanding Asplund**

The Stockholm Library

Program

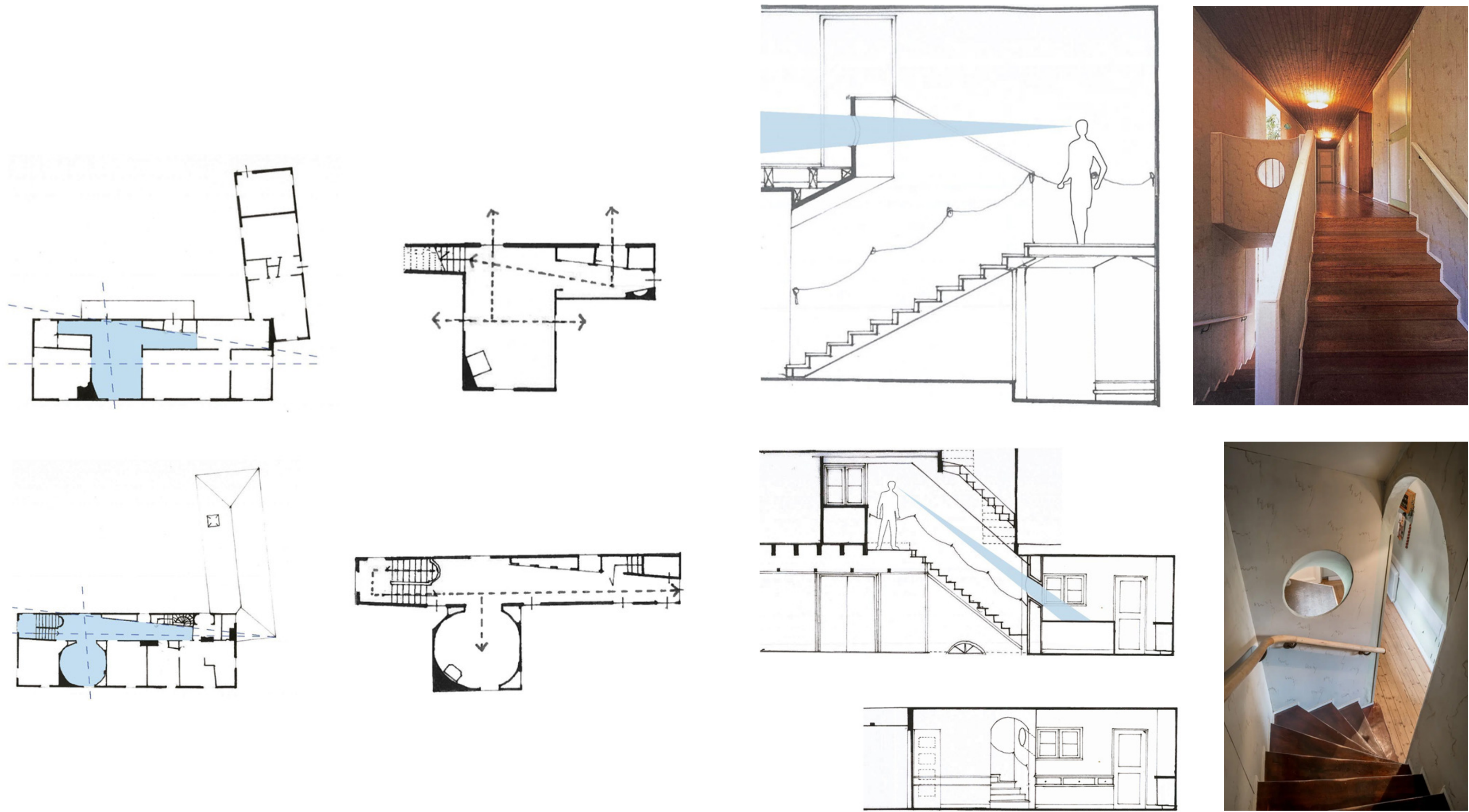
Design proposal



**Erik Gunnar Asplund**  
1885 - 1940



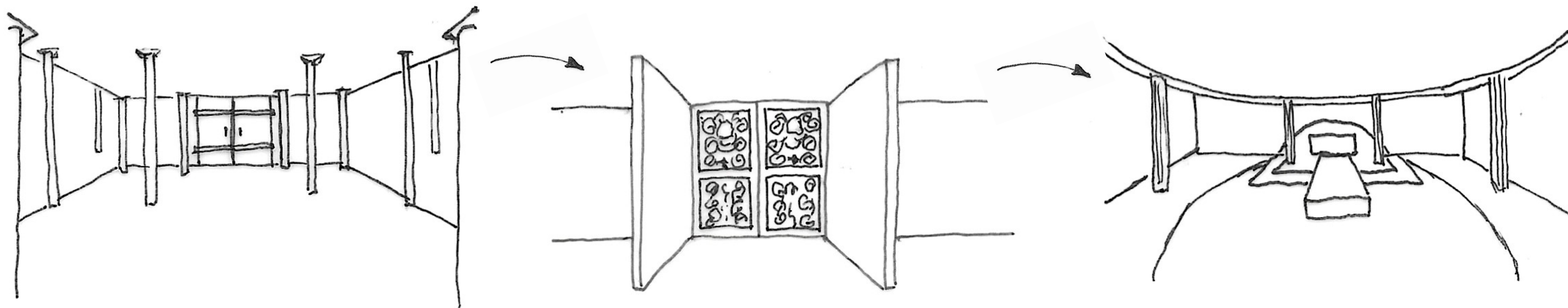
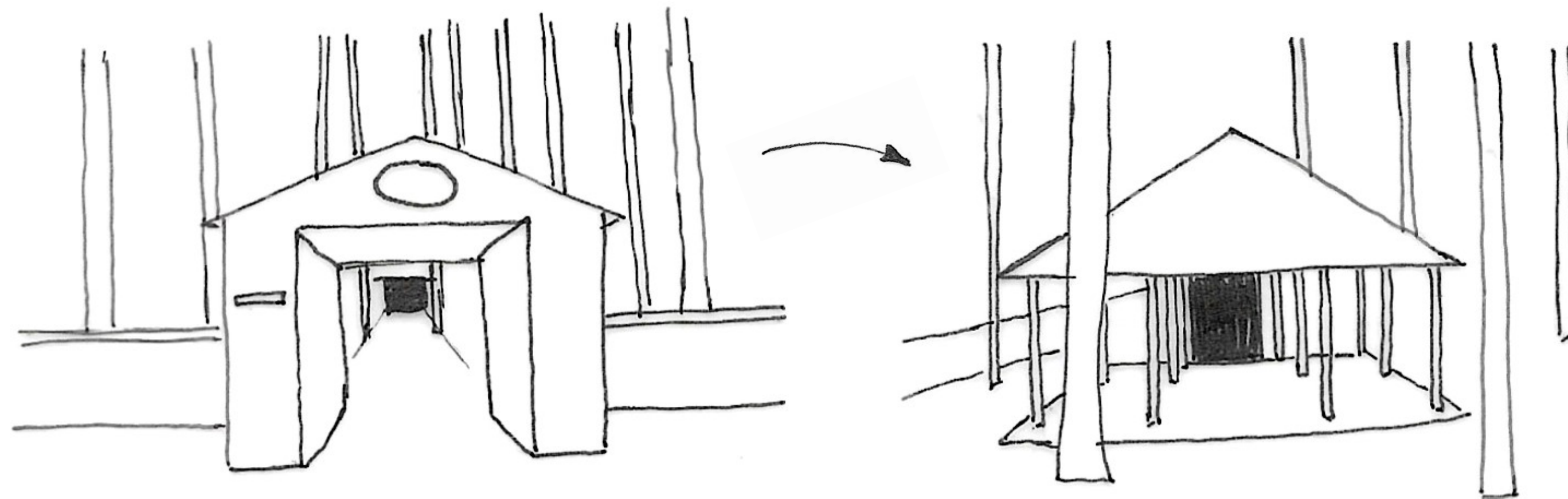
**Villa Snellman**  
1917 - 1918



**Enigmatic arrangement of spaces and passages**  
Different shapes of spaces and interesting sightlines



**Woodland Chapel**  
1918-1920

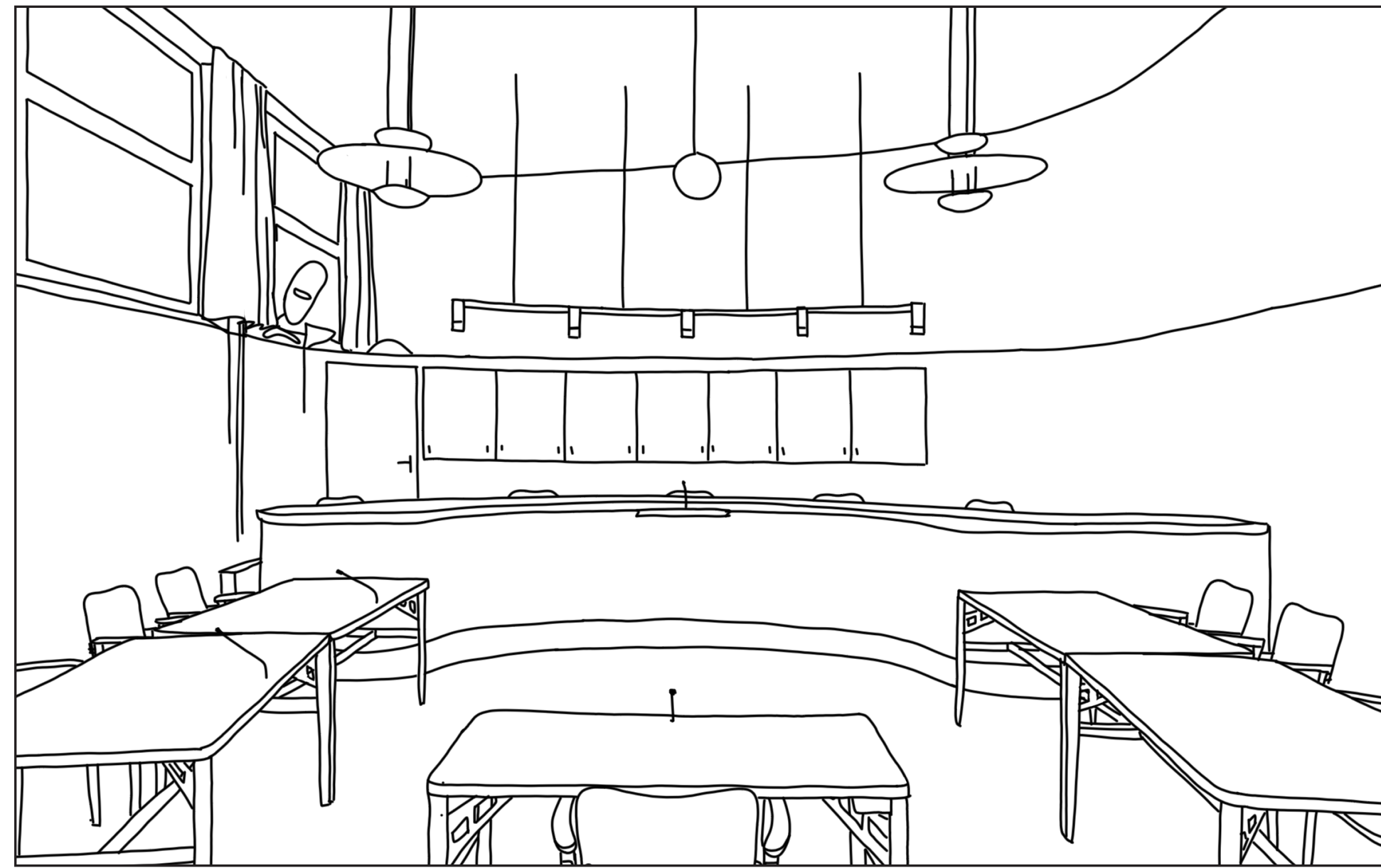
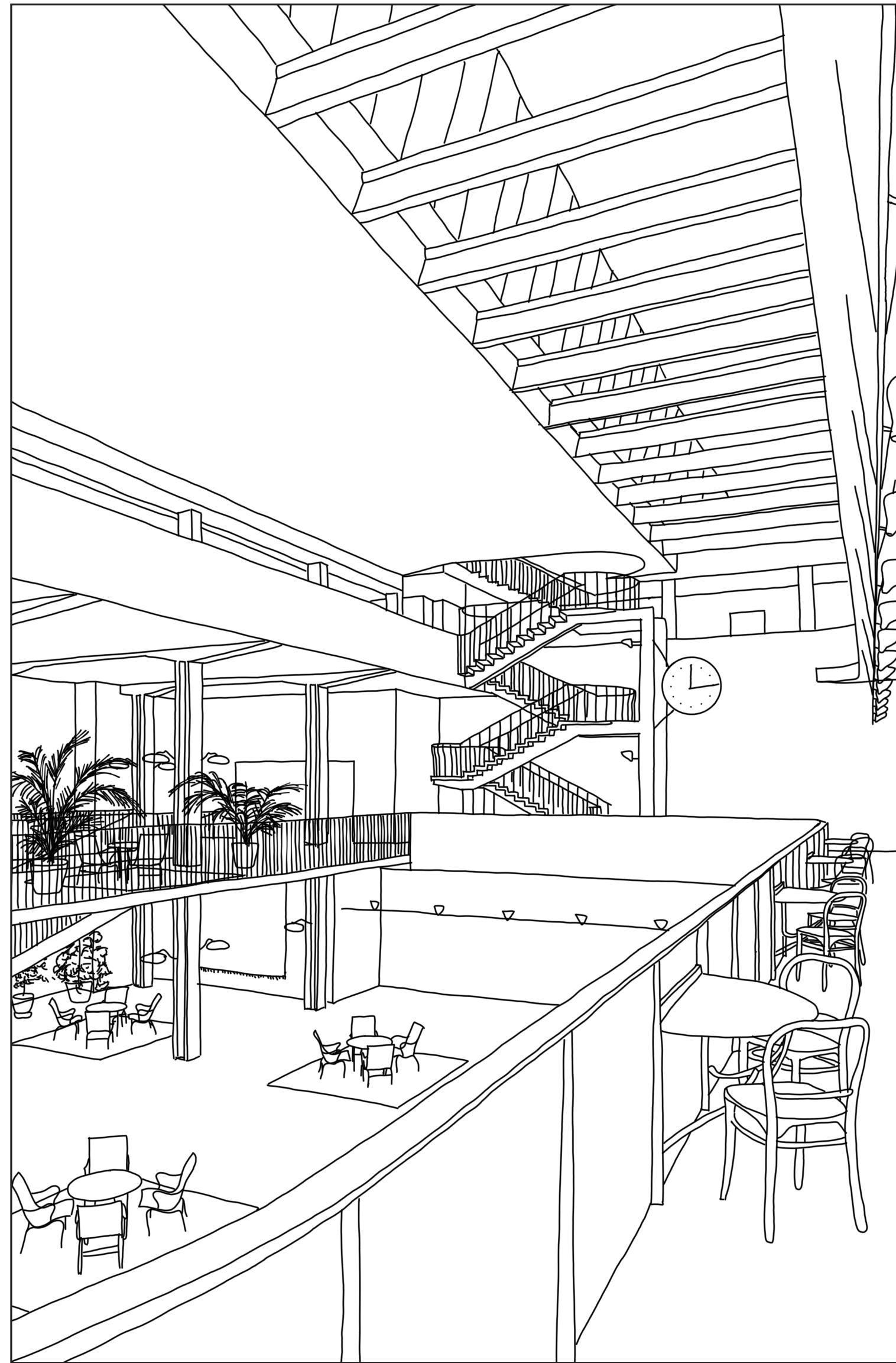


### Sequences

contrast between light and dark, open and enclosed and interior and exterior



**Gothenburg Law Courts Annex**  
1913 - 1937



### Interior spaces

Using furniture, materials and architecture to evoke certain feelings

Design brief

Location

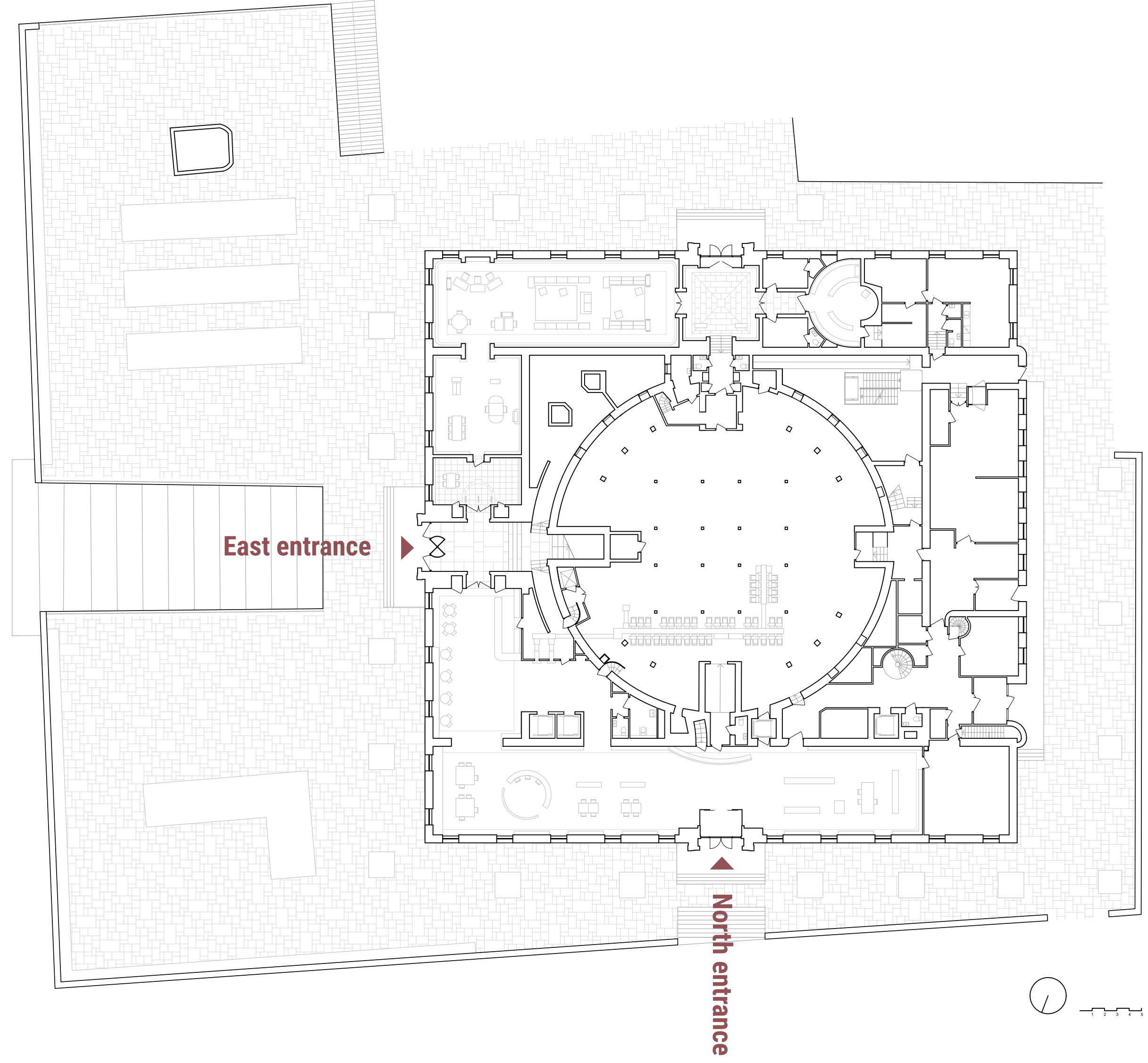
Understanding Asplund

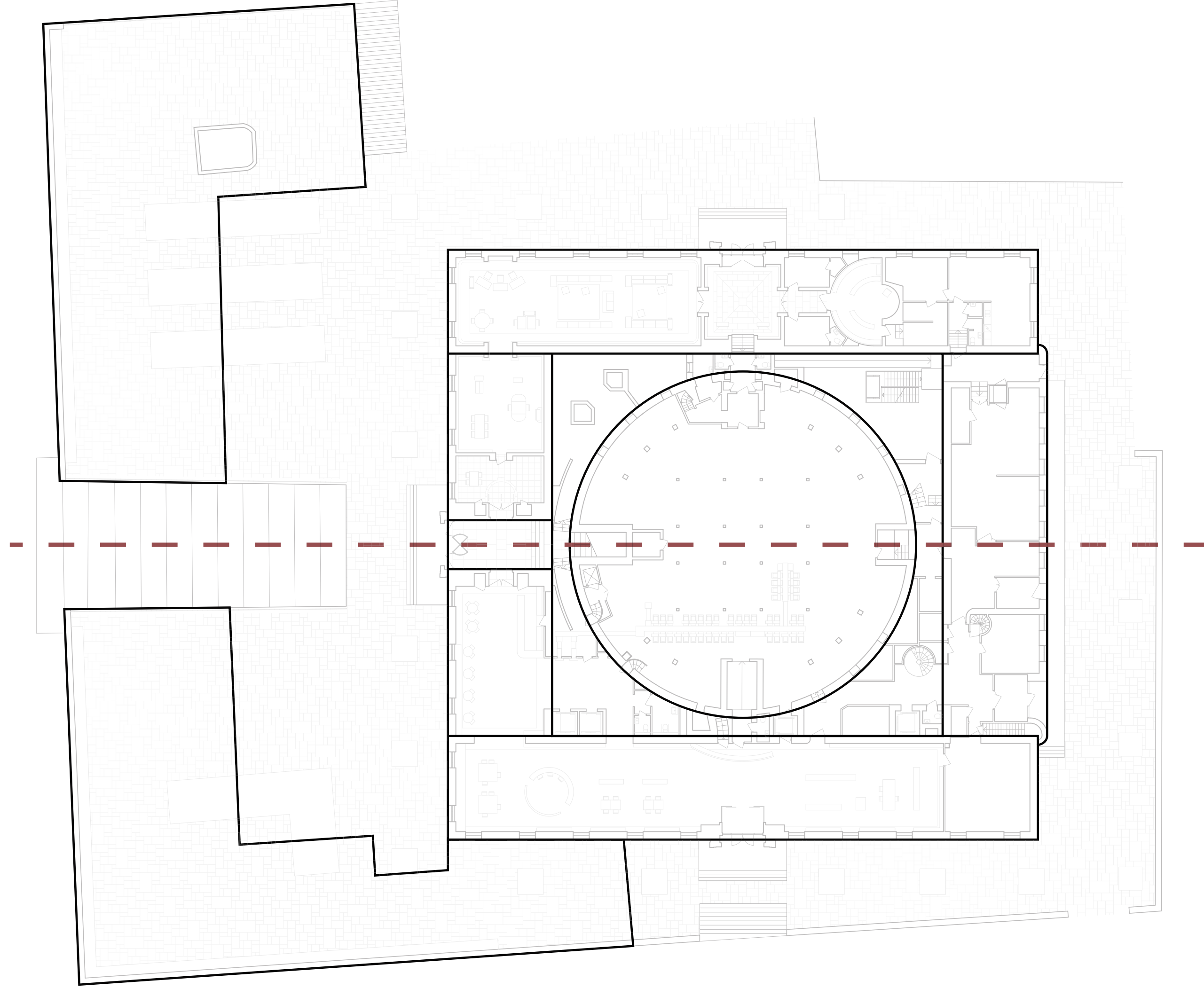
## **The Stockholm Library**

Program

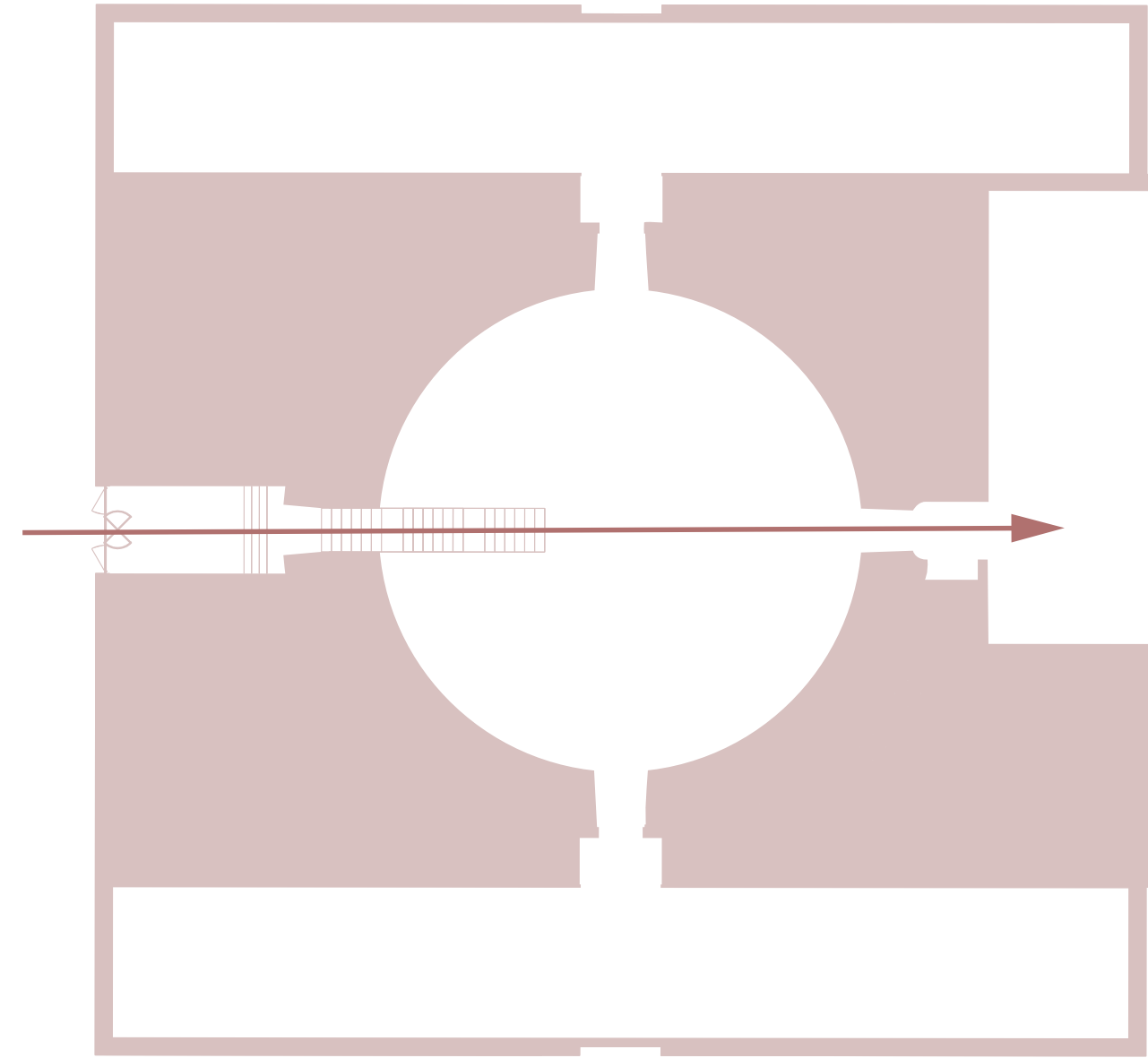
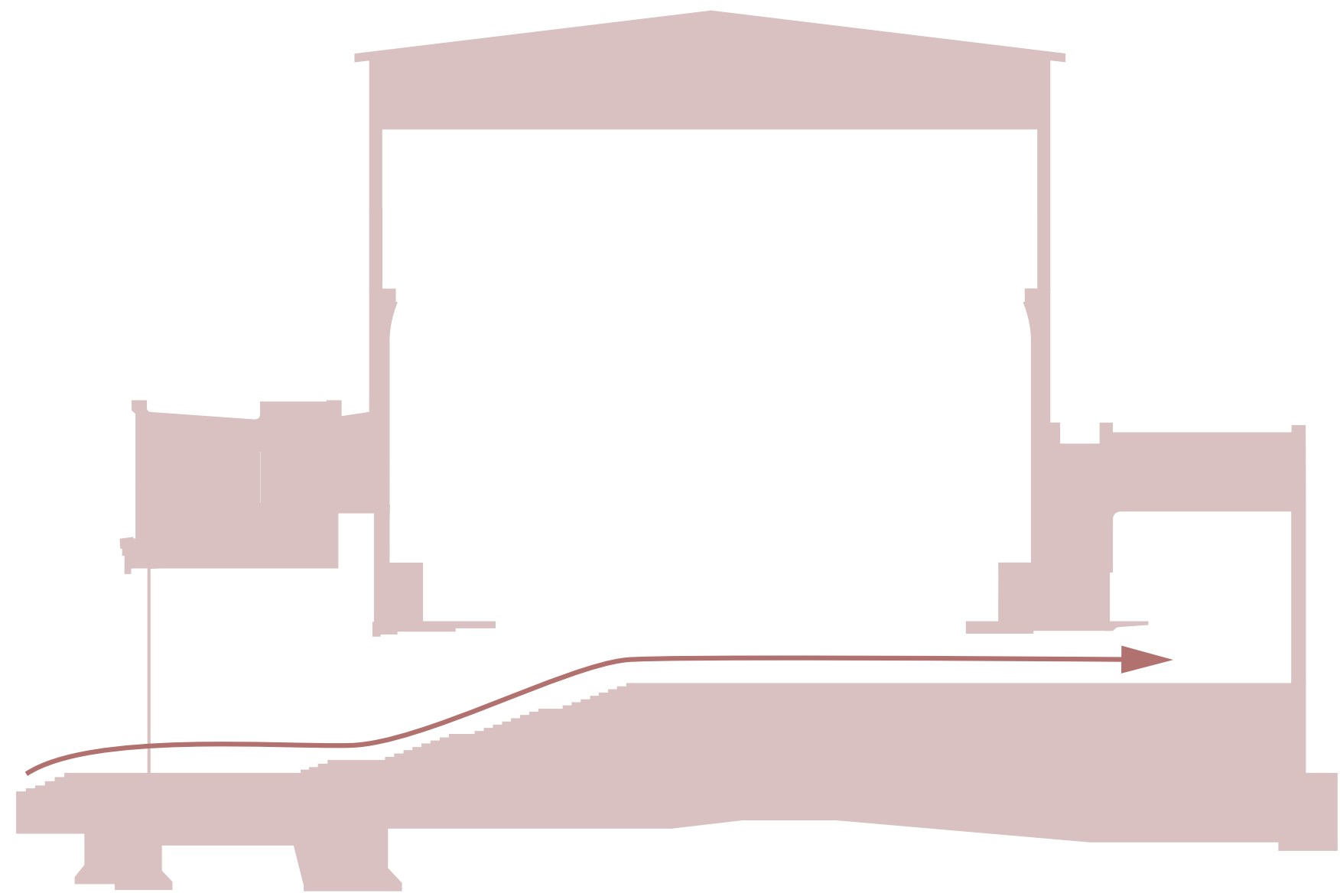
Design proposal



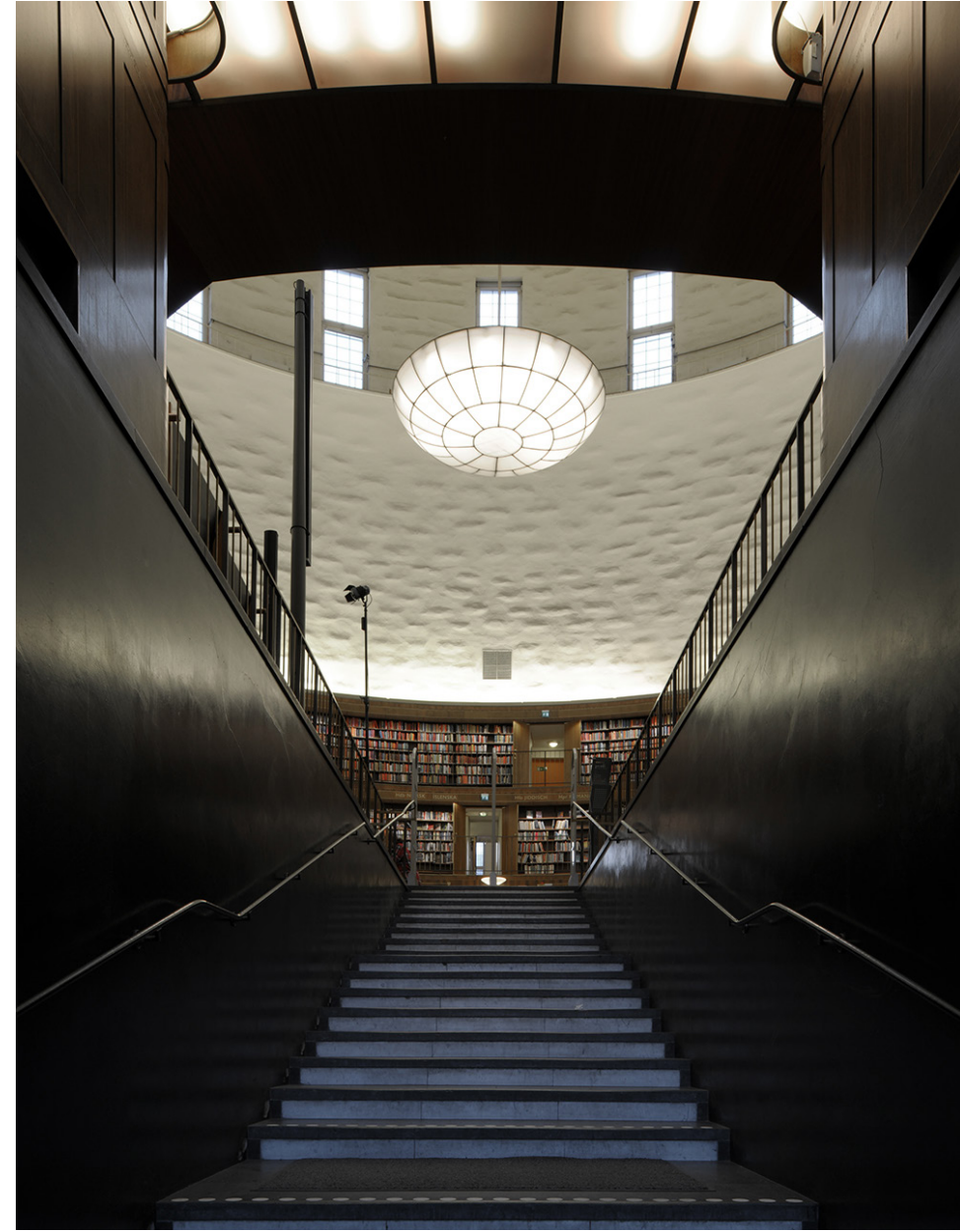




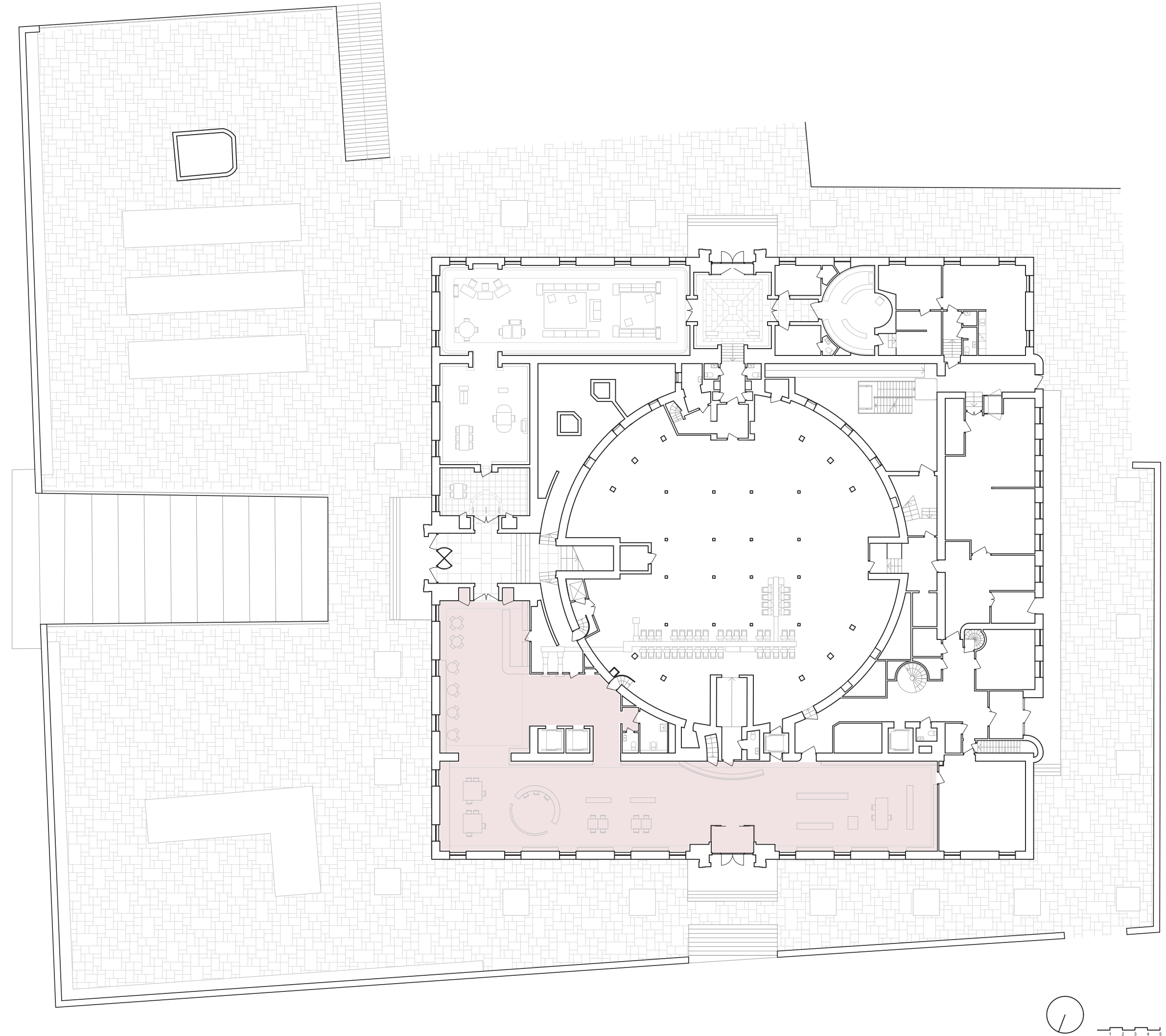
# Symmetry



**Sequence of spaces**  
Stockholm City Library



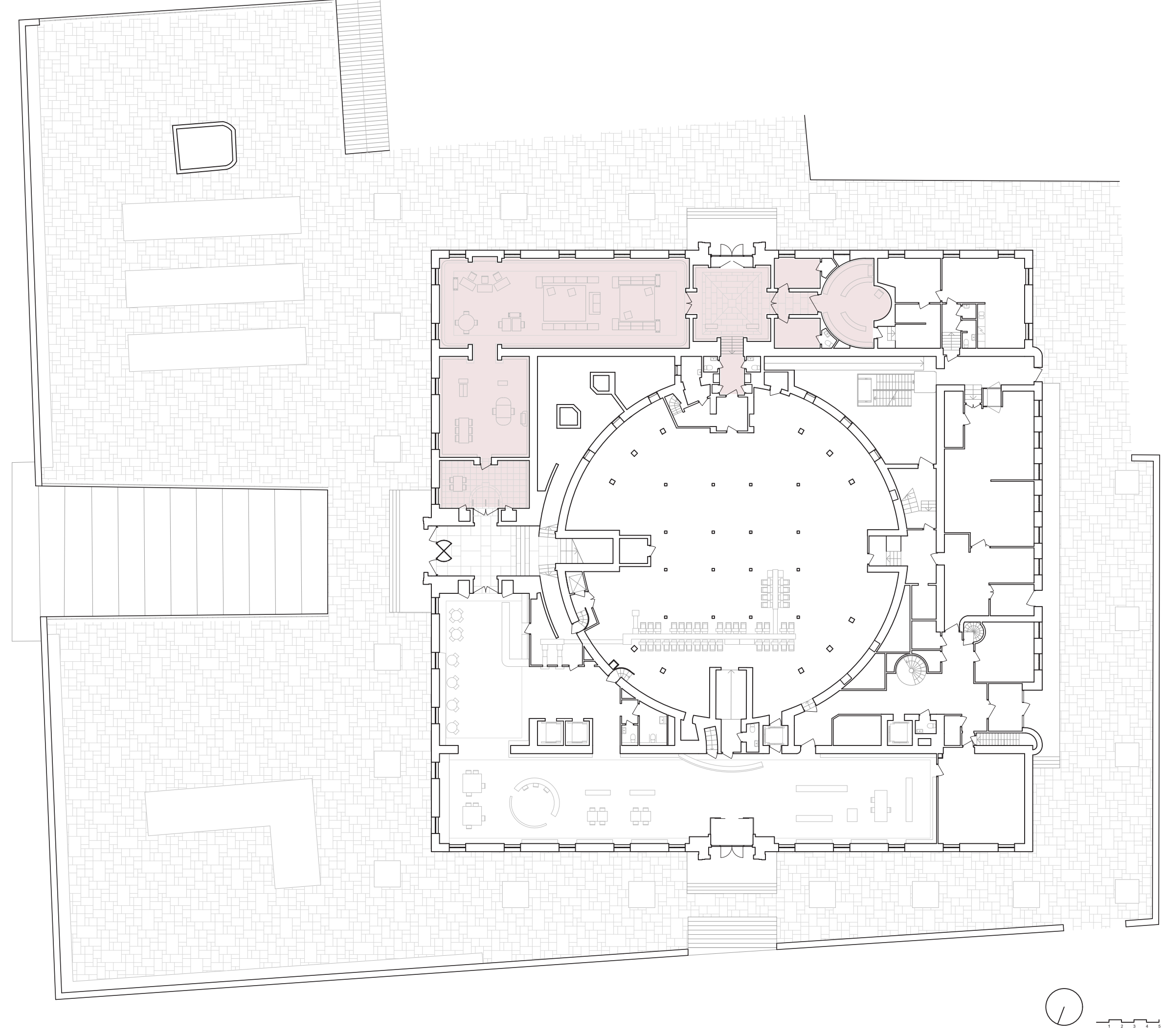
**Sequence of spaces**  
Stockholm City Library



**Information and media space**  
First space you enter from north entrance



**Information and media space**  
First space you enter from north entrance



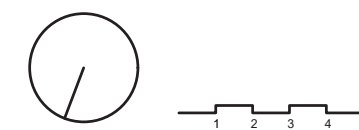
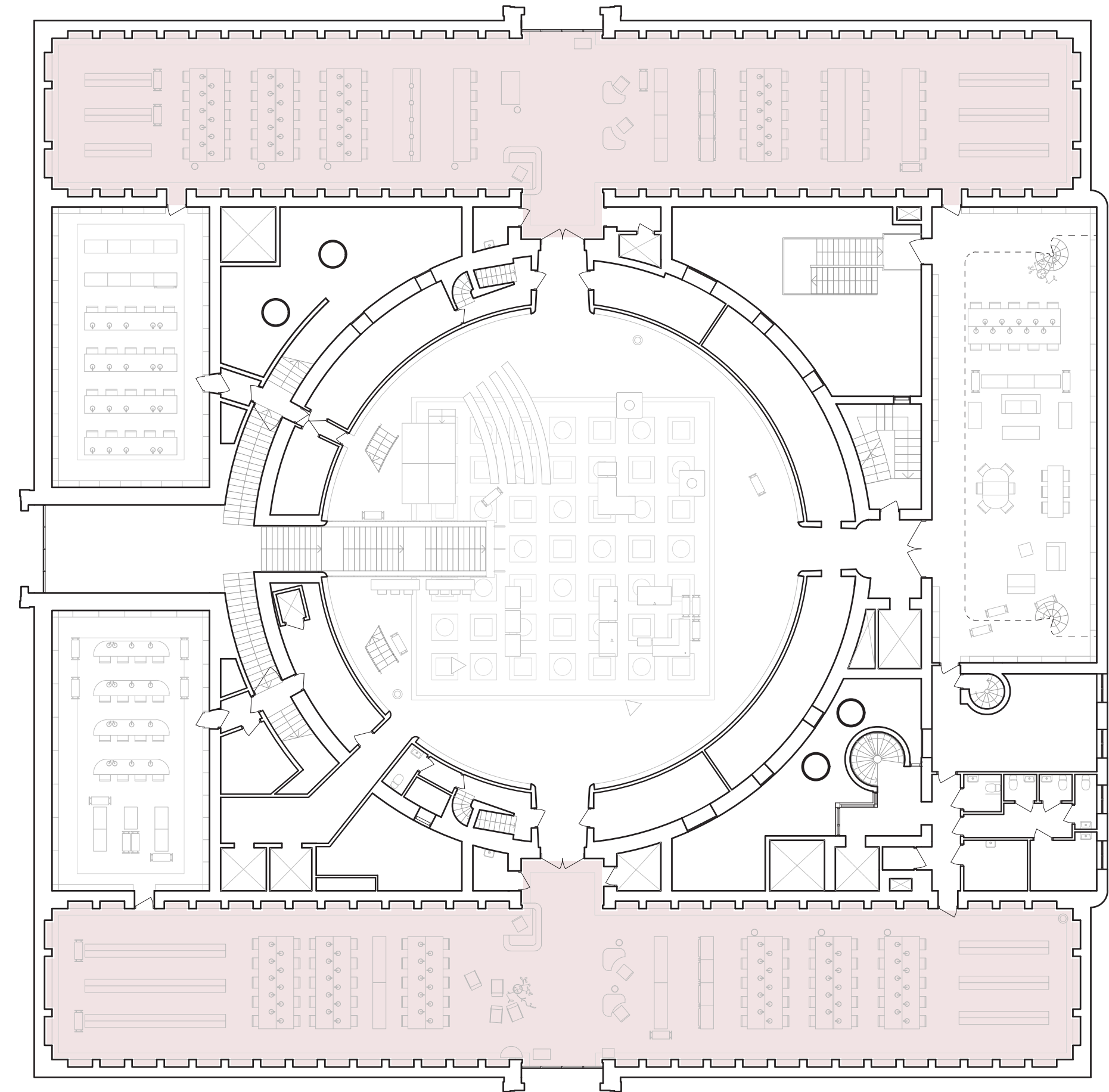
**Children's library**



Children's library



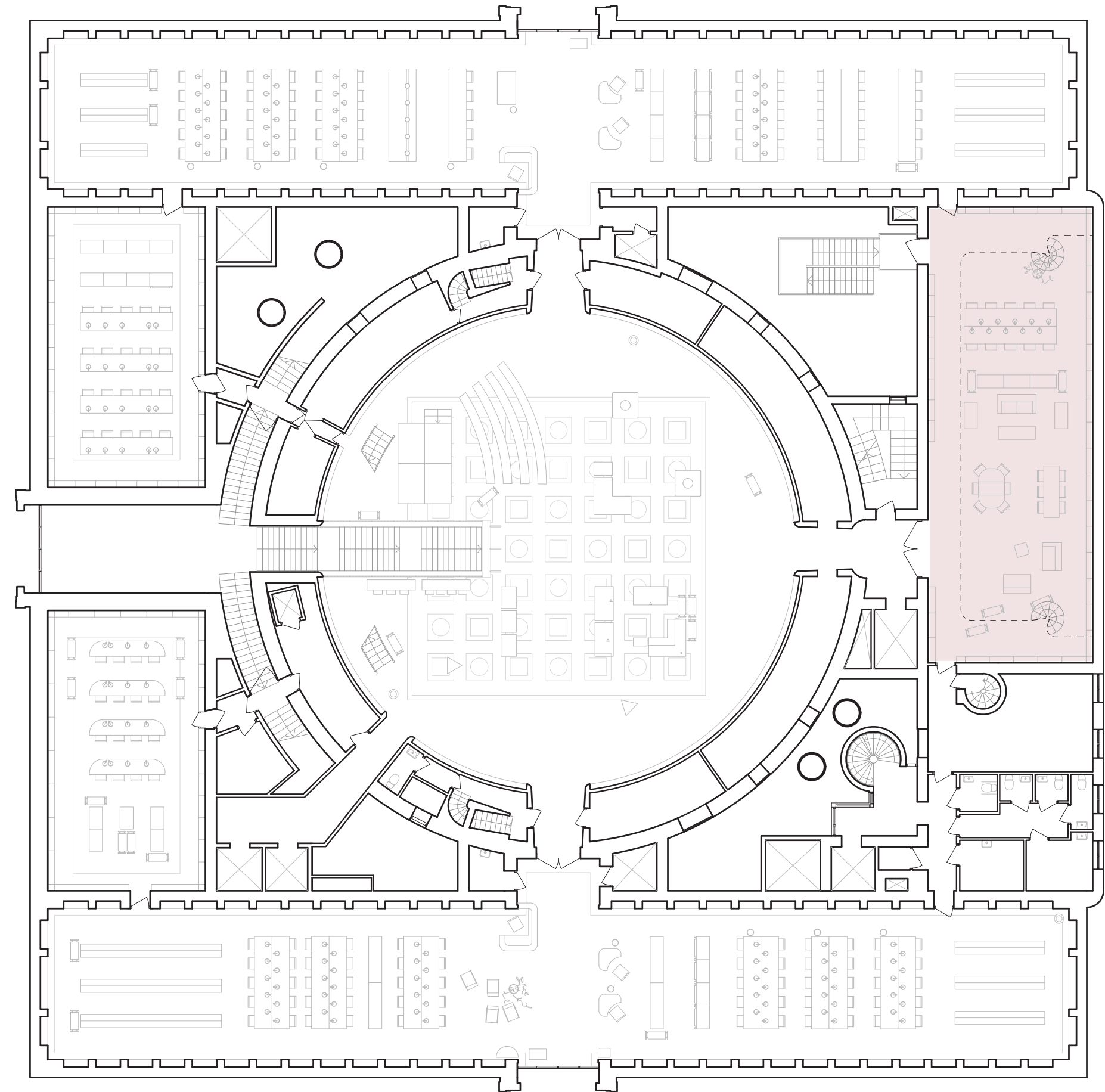
North wing (south wing is the same)  
Silent zone



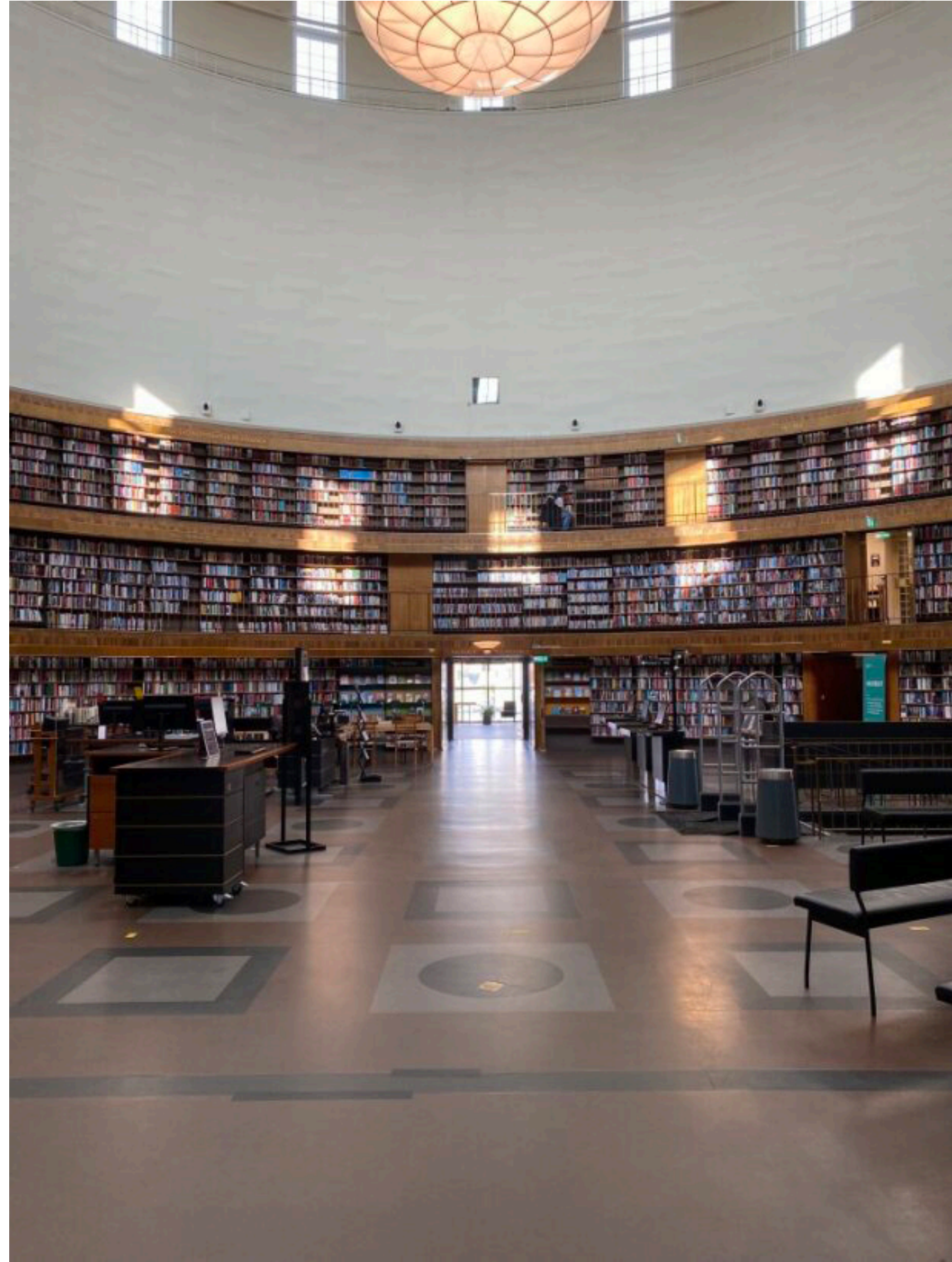
## Reading halls



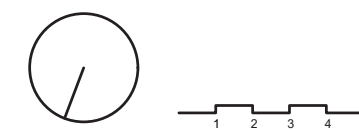
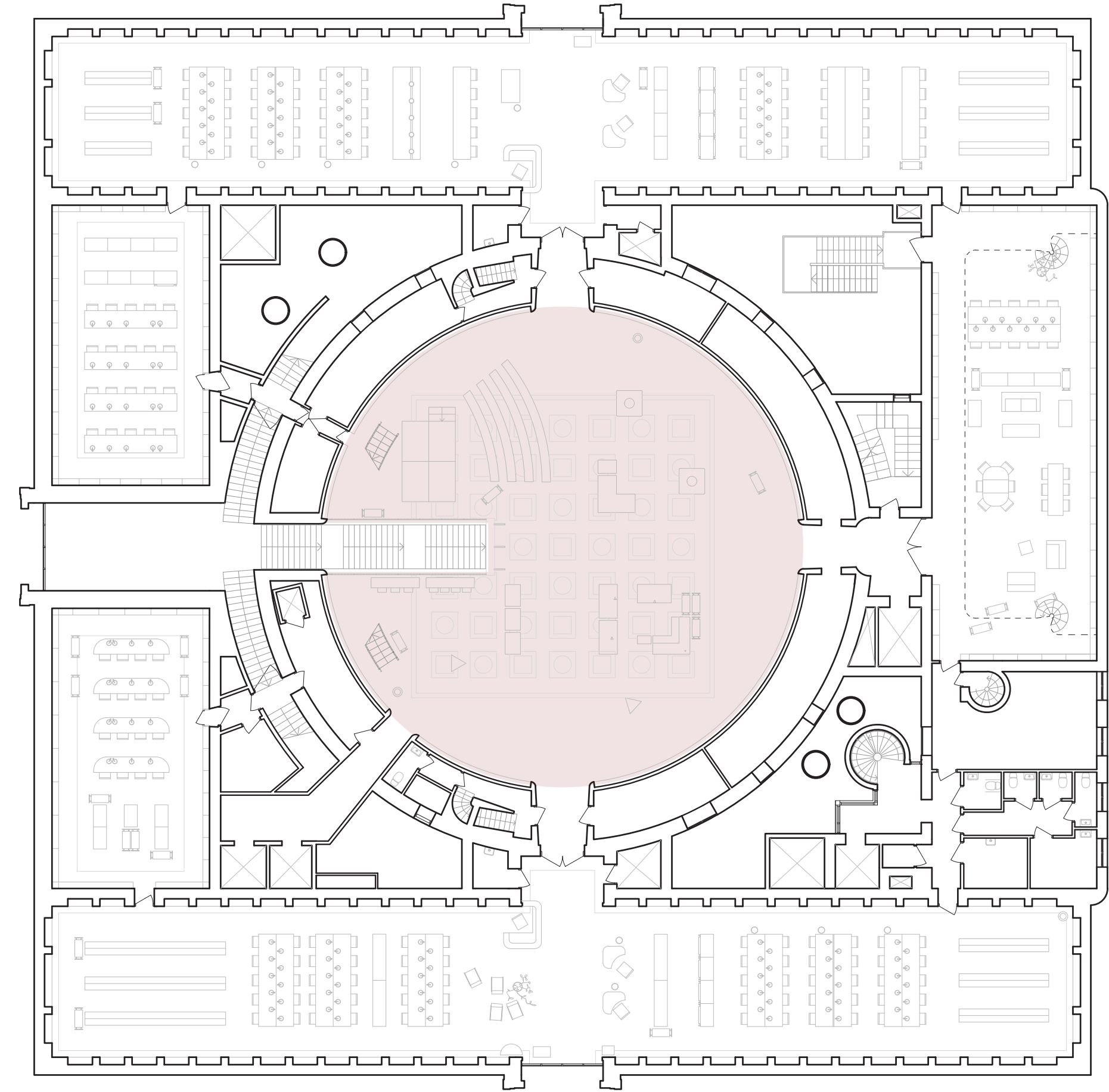
West wing  
Active zone



## Reading halls



Rotunda  
Cross roads



## Reading halls

Design brief

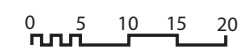
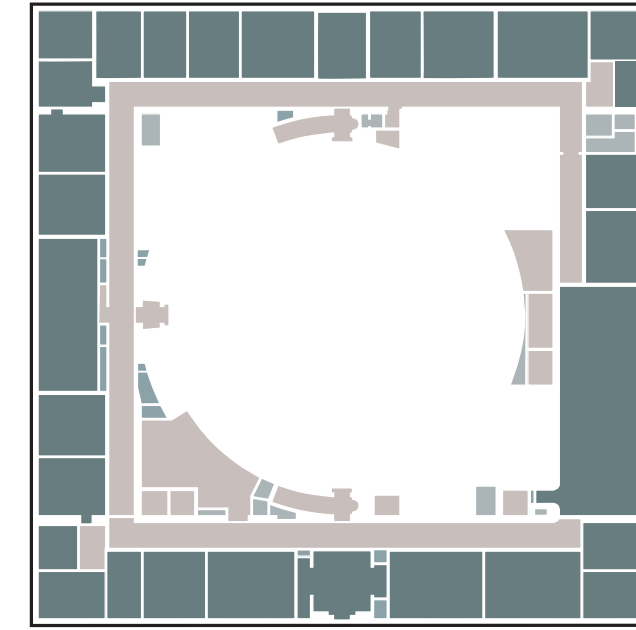
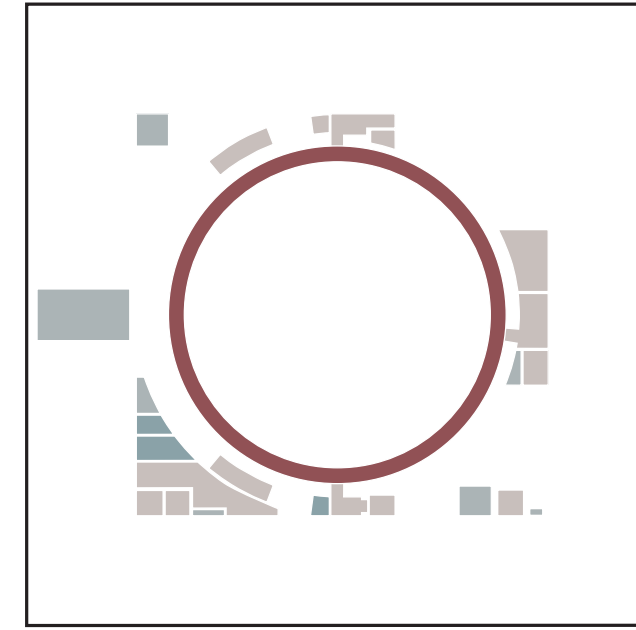
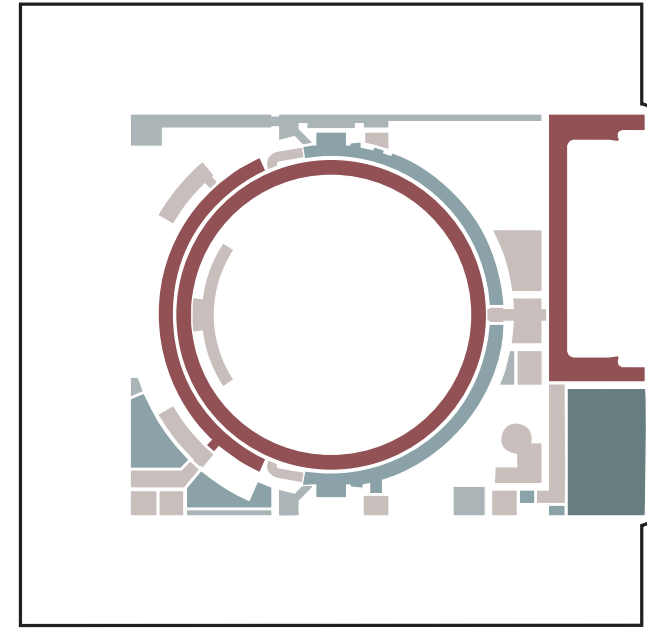
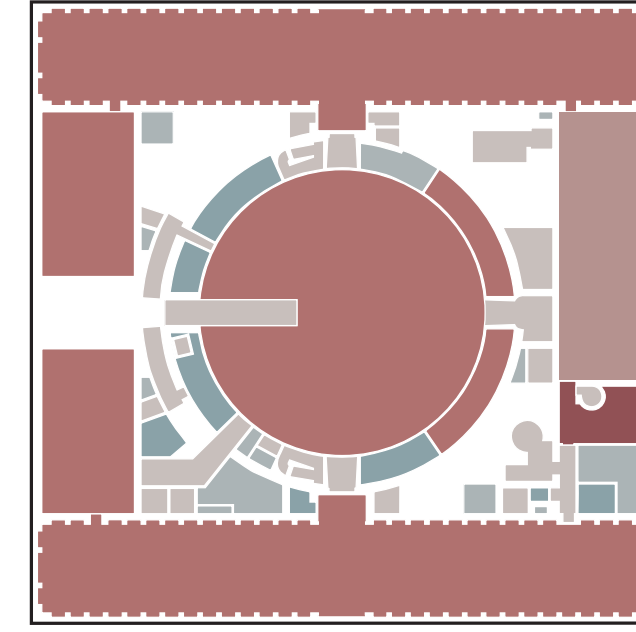
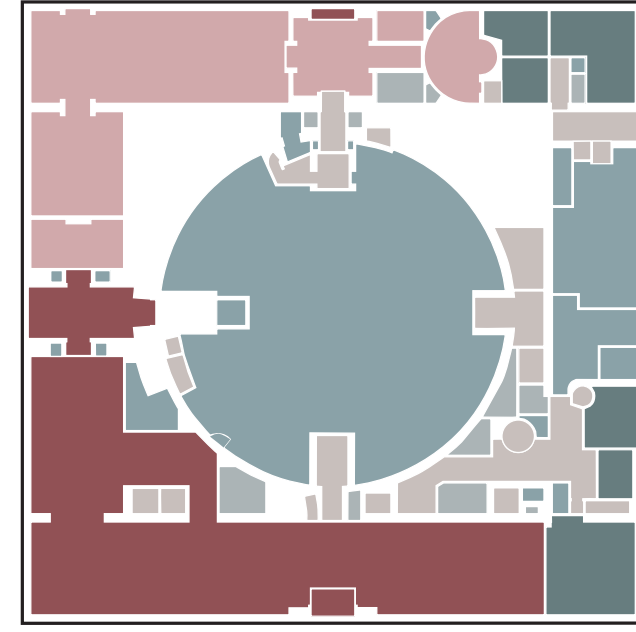
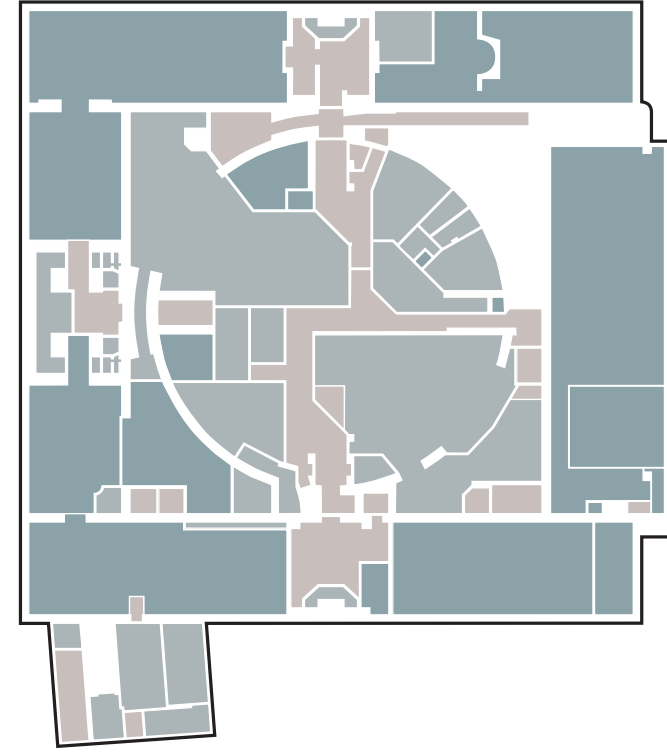
Understanding Asplund

The Stockholm Library

## **Program**

Location

Design proposal



- Public space
  - Reading rooms
  - Group rooms / meeting rooms
  - Children's library
- Circulation
  - Services / technical spaces
  - Storage / logistics
  - Administration / staff

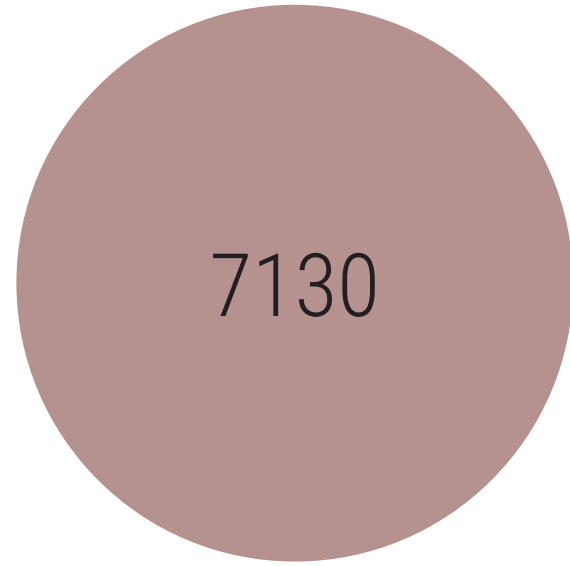
# Stockholm City library

Public

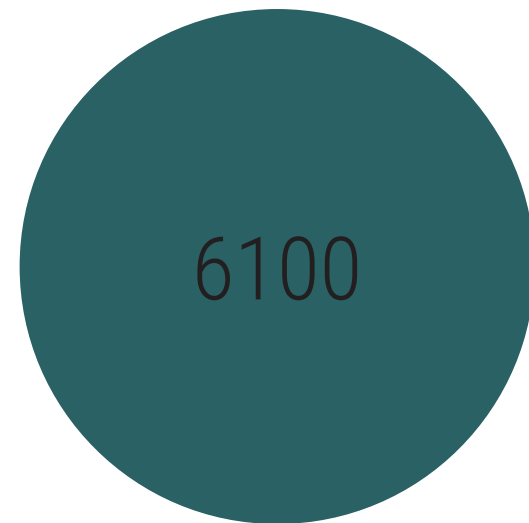
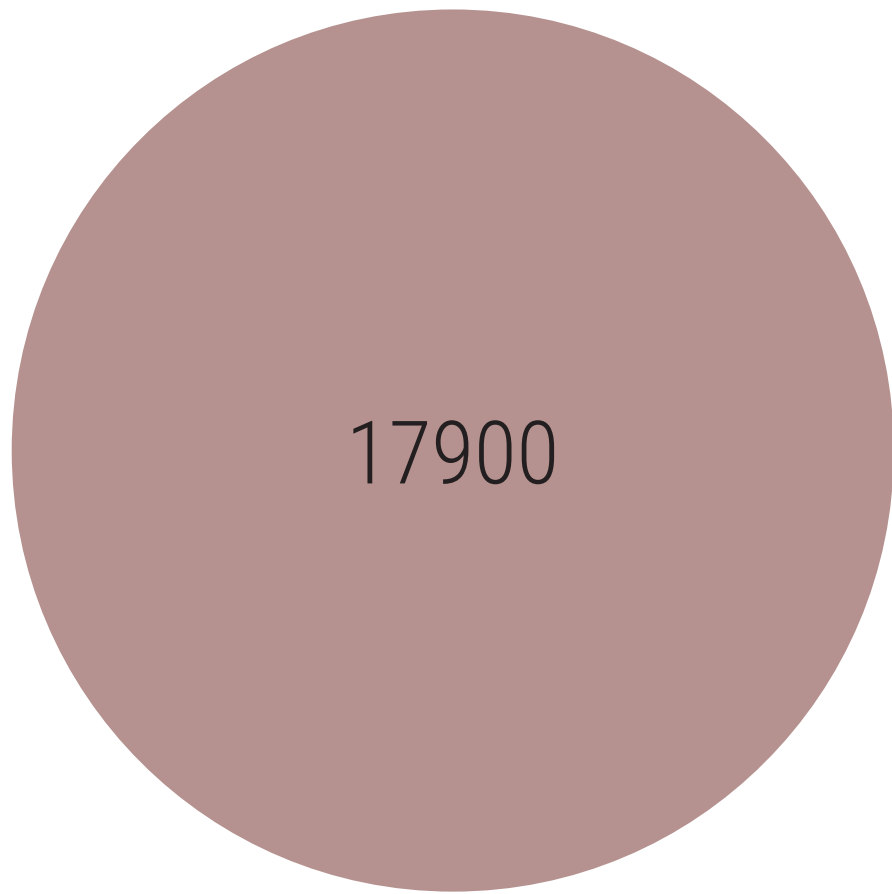
Non-public



**Existing Stockholm Library**



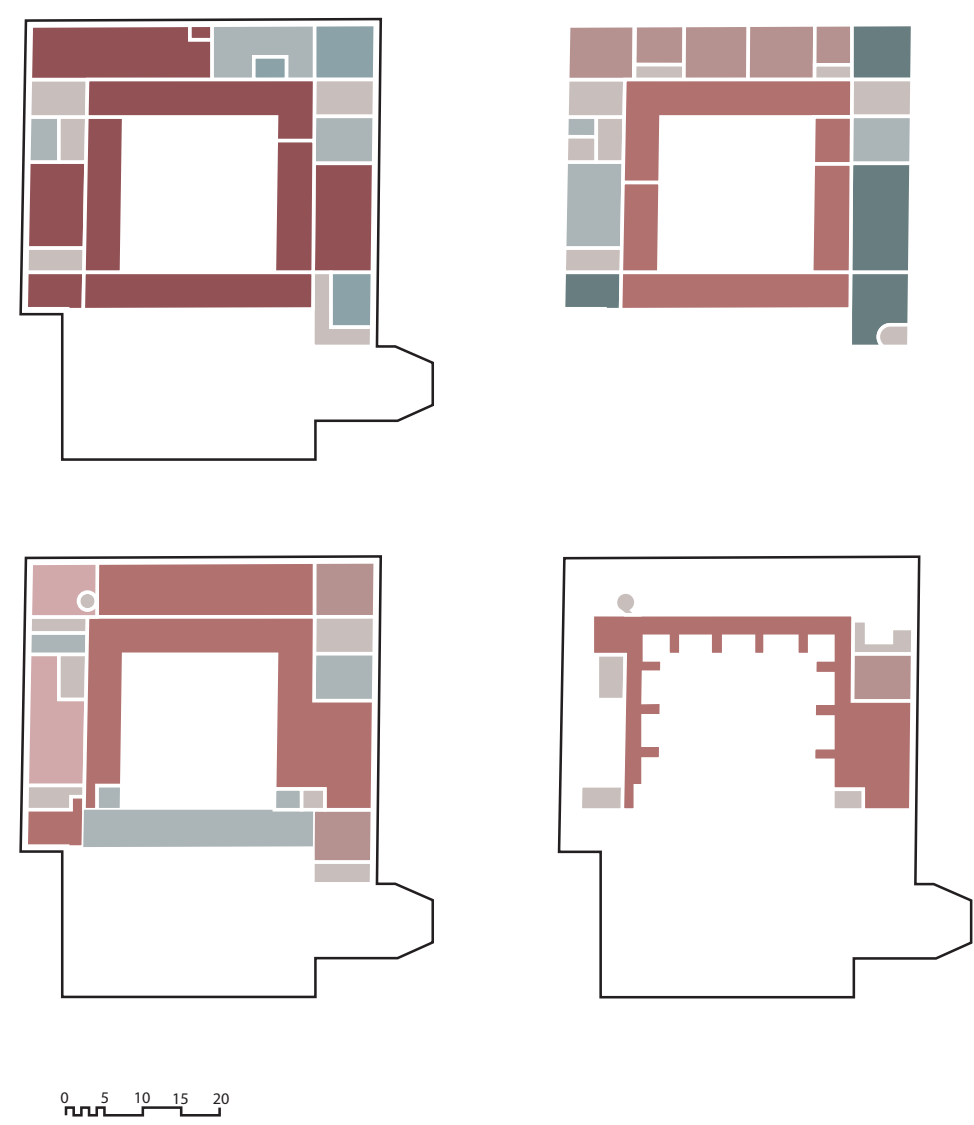
**Caruso St. John Proposal**



**2006 competition brief**



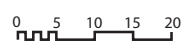
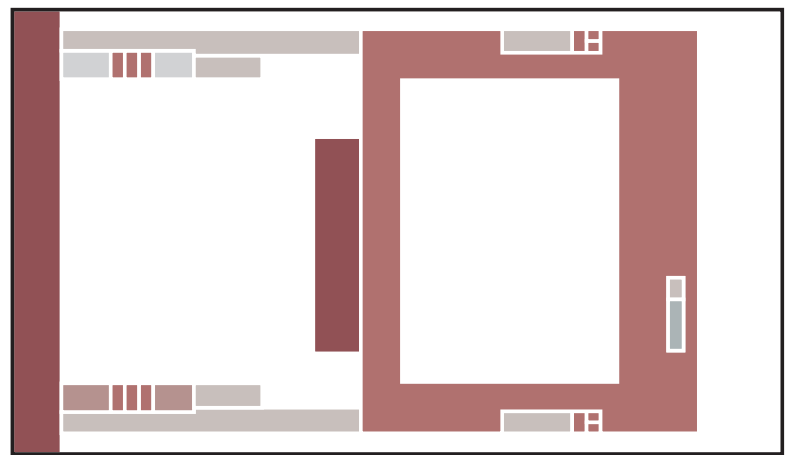
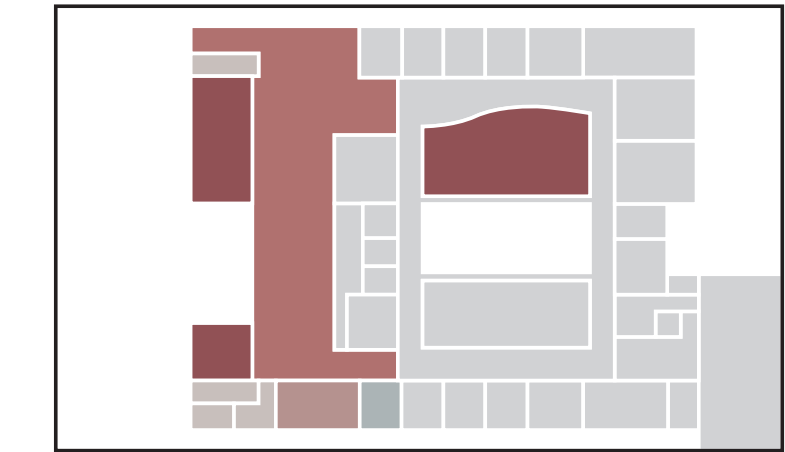
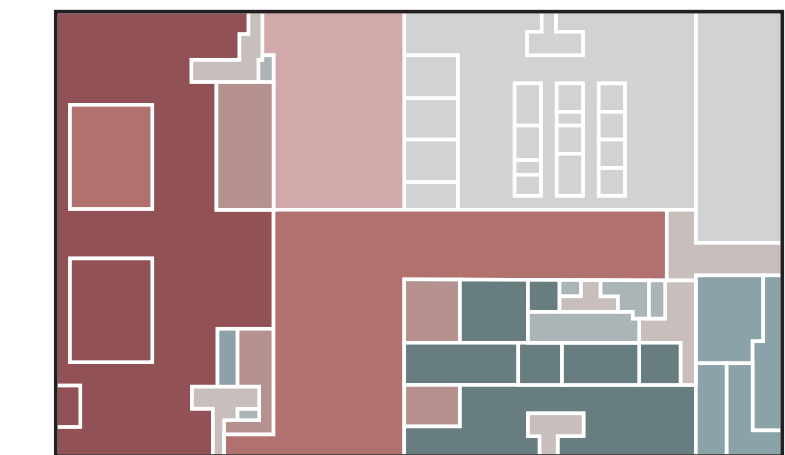
## Learning from other libraries



- Public space
- Reading rooms
- Group rooms / meeting rooms
- Children's library
- Circulation
- Services / technical spaces
- Storage / logistics
- Administration / staff



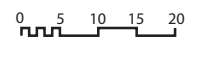
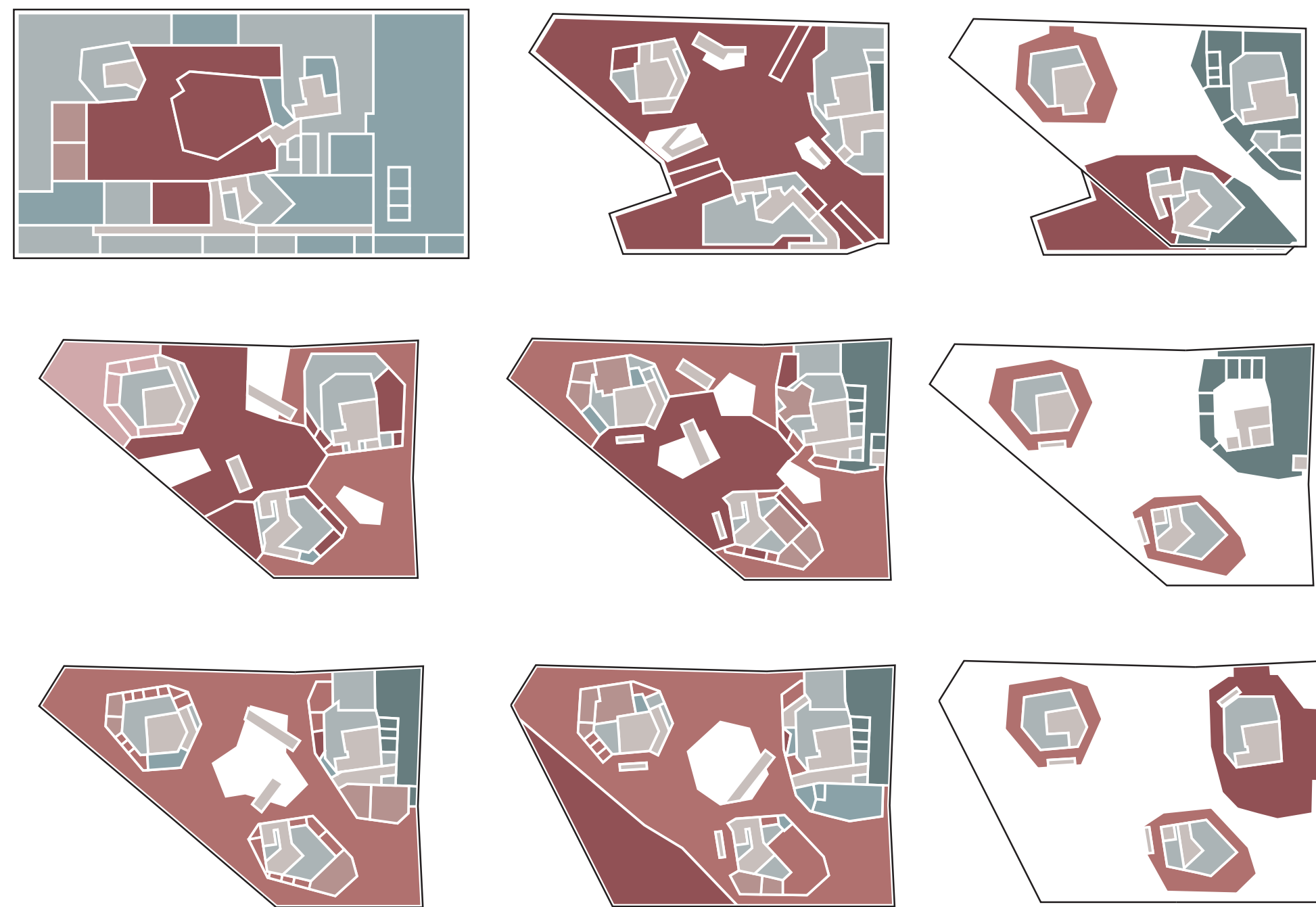
**Predikherenklooster, Mechelen**



- Public space
- Reading rooms
- Group rooms / meeting rooms
- Children's library
- Circulation
- Services / technical spaces
- Storage / logistics
- Administration / staff



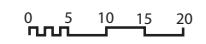
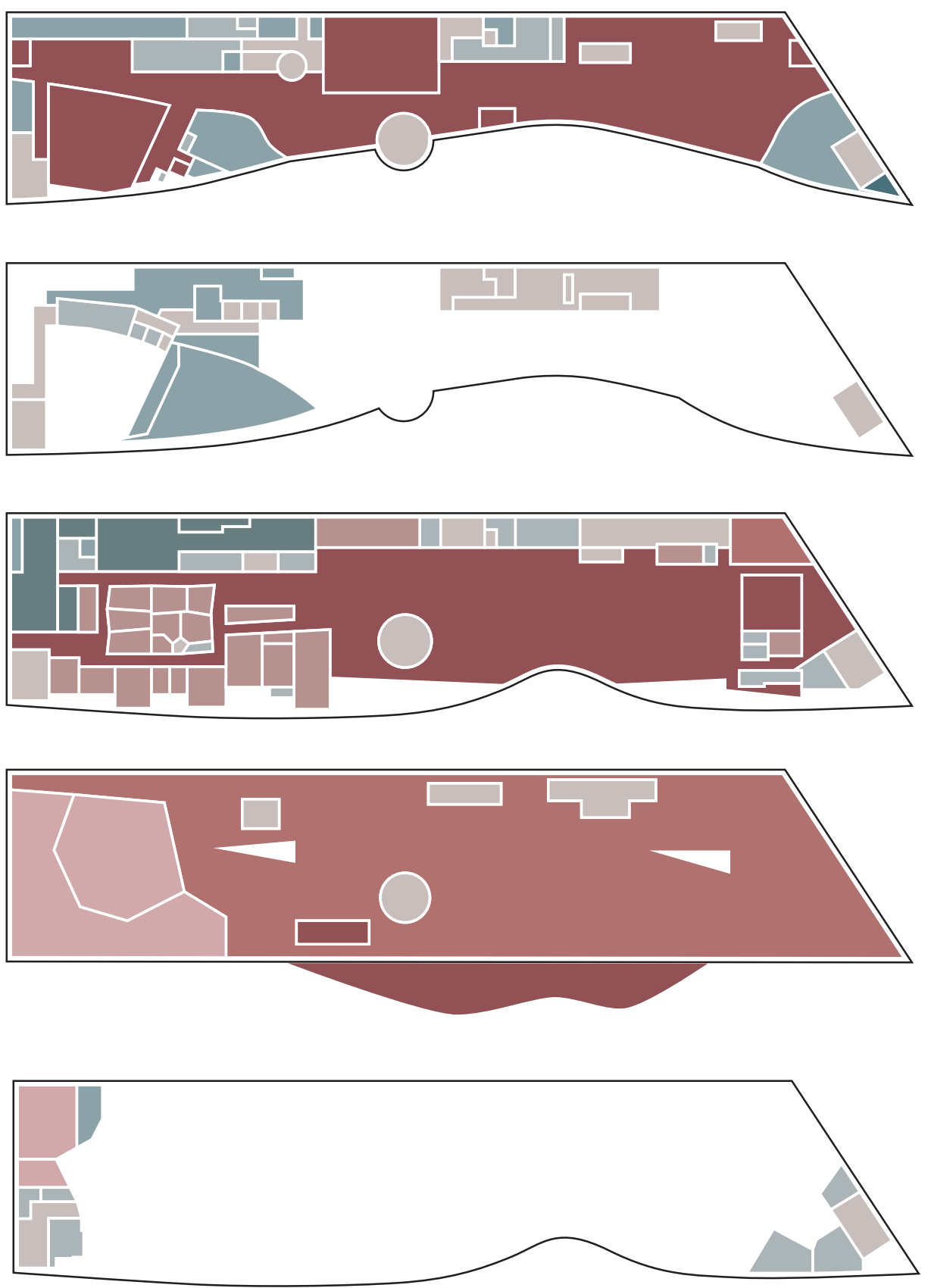
Lochal, Tilburg



- Public space
- Reading rooms
- Group rooms / meeting rooms
- Children's library
- Circulation
- Services / technical spaces
- Storage / logistics
- Administration / staff



Deichman Library, Oslo

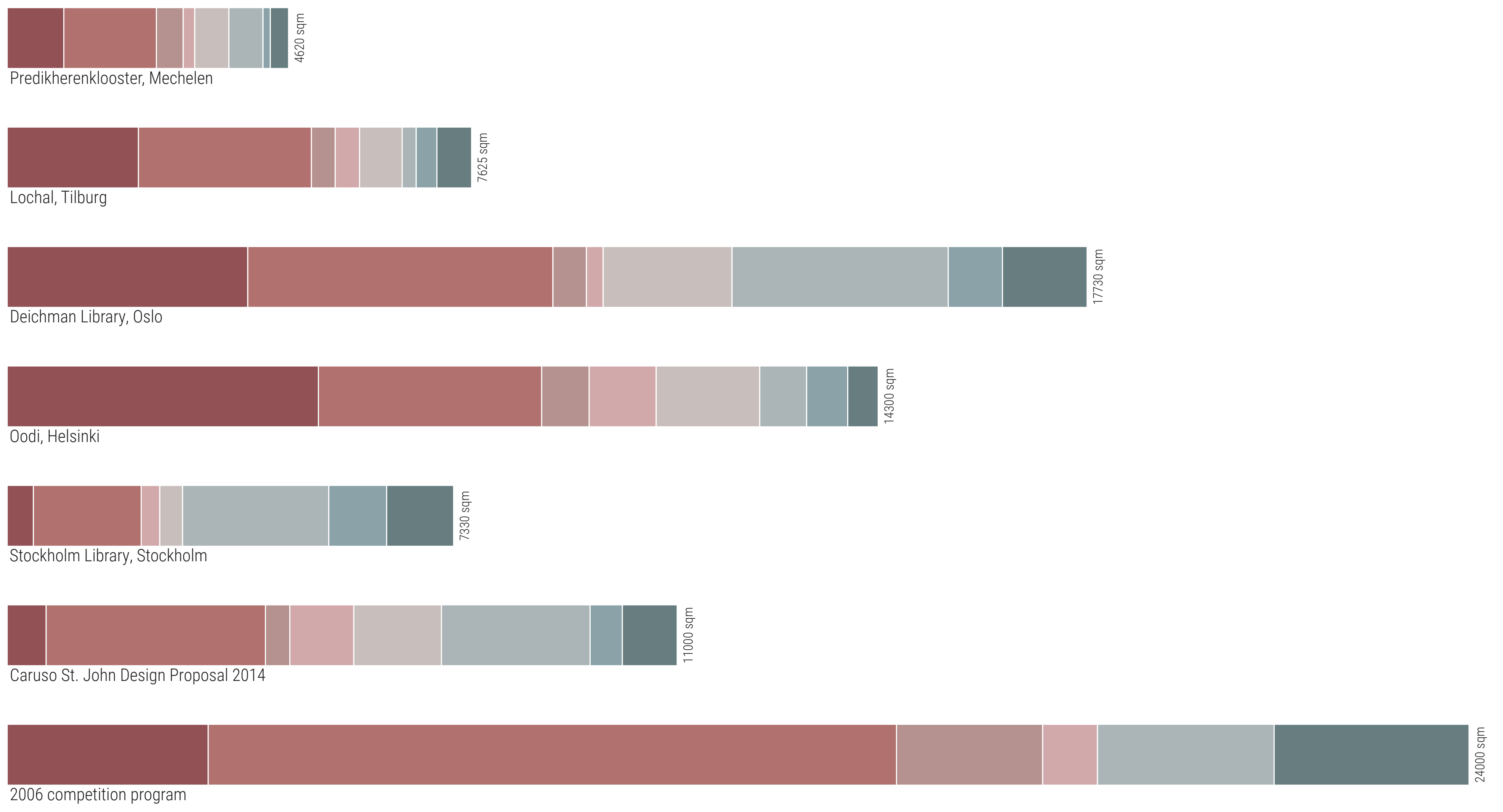


- Public space
- Reading rooms
- Group rooms / meeting rooms
- Children's library
- Circulation
- Services / technical spaces
- Storage / logistics
- Administration / staff



Oodi, Helsinki

- Public space
- Reading rooms
- Group rooms / meeting rooms
- Children's library
- Circulation
- Services / technical spaces
- Storage / logistics
- Administration / staff



### Comparing programs

Design brief

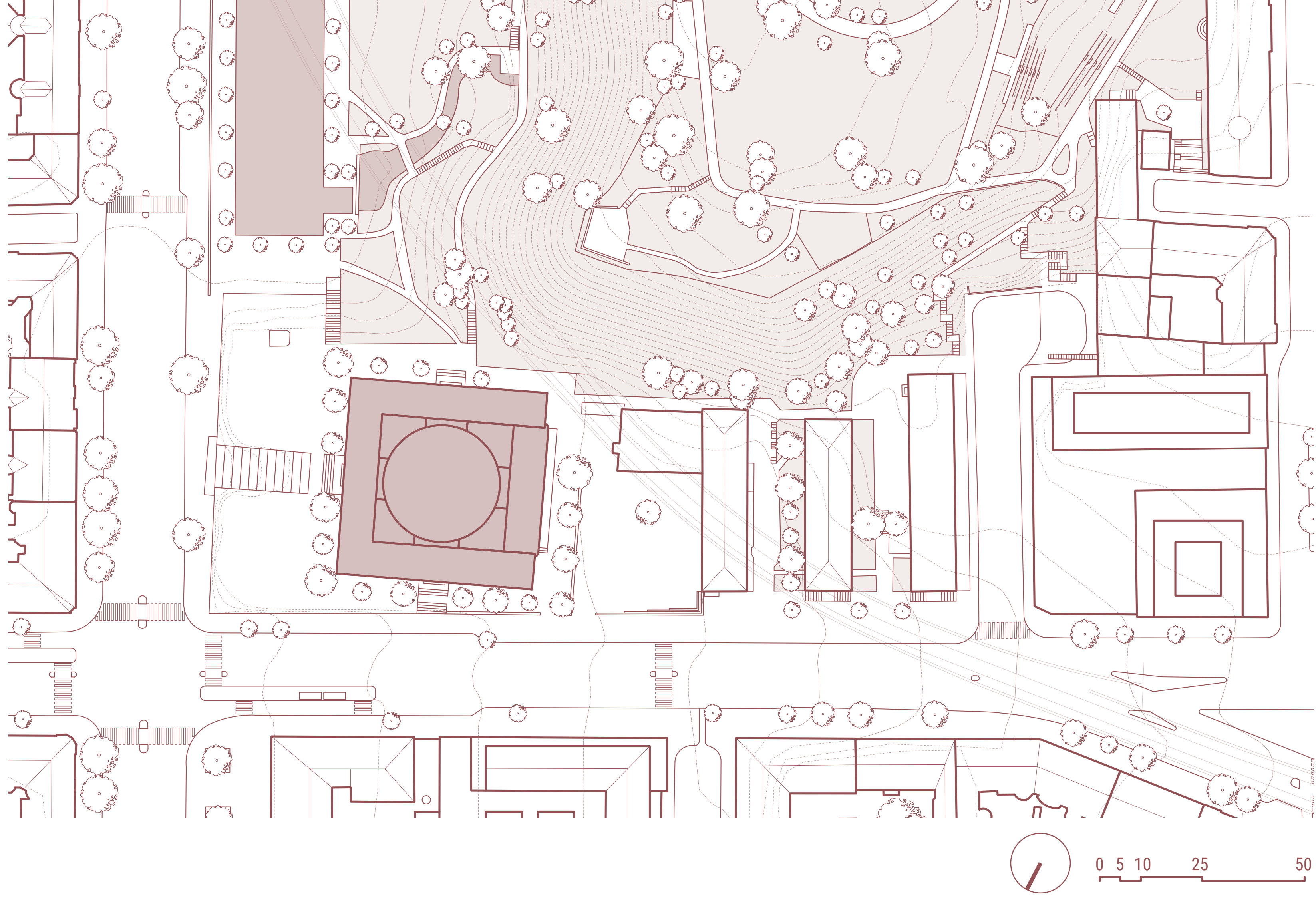
Location

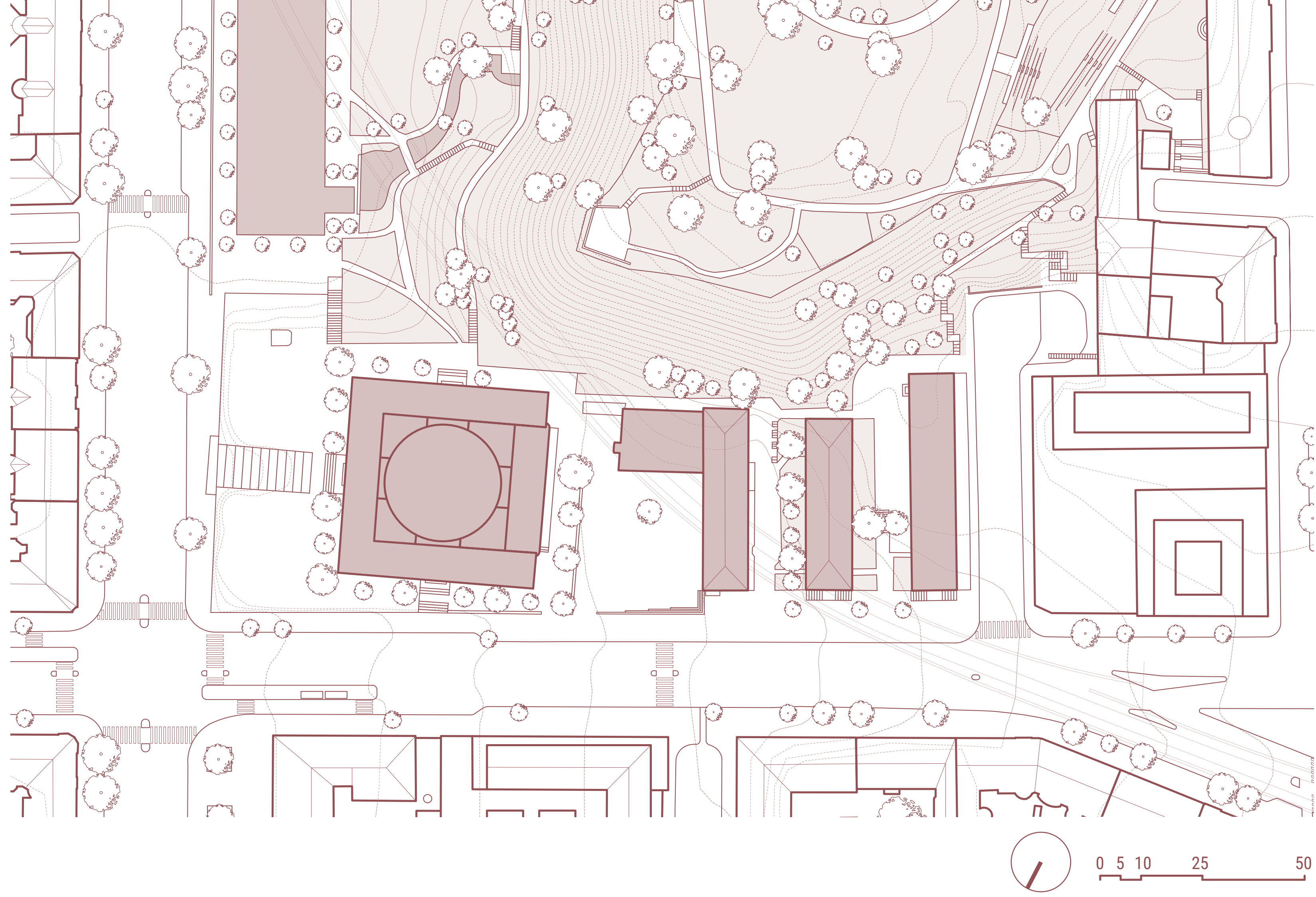
Understanding Asplund

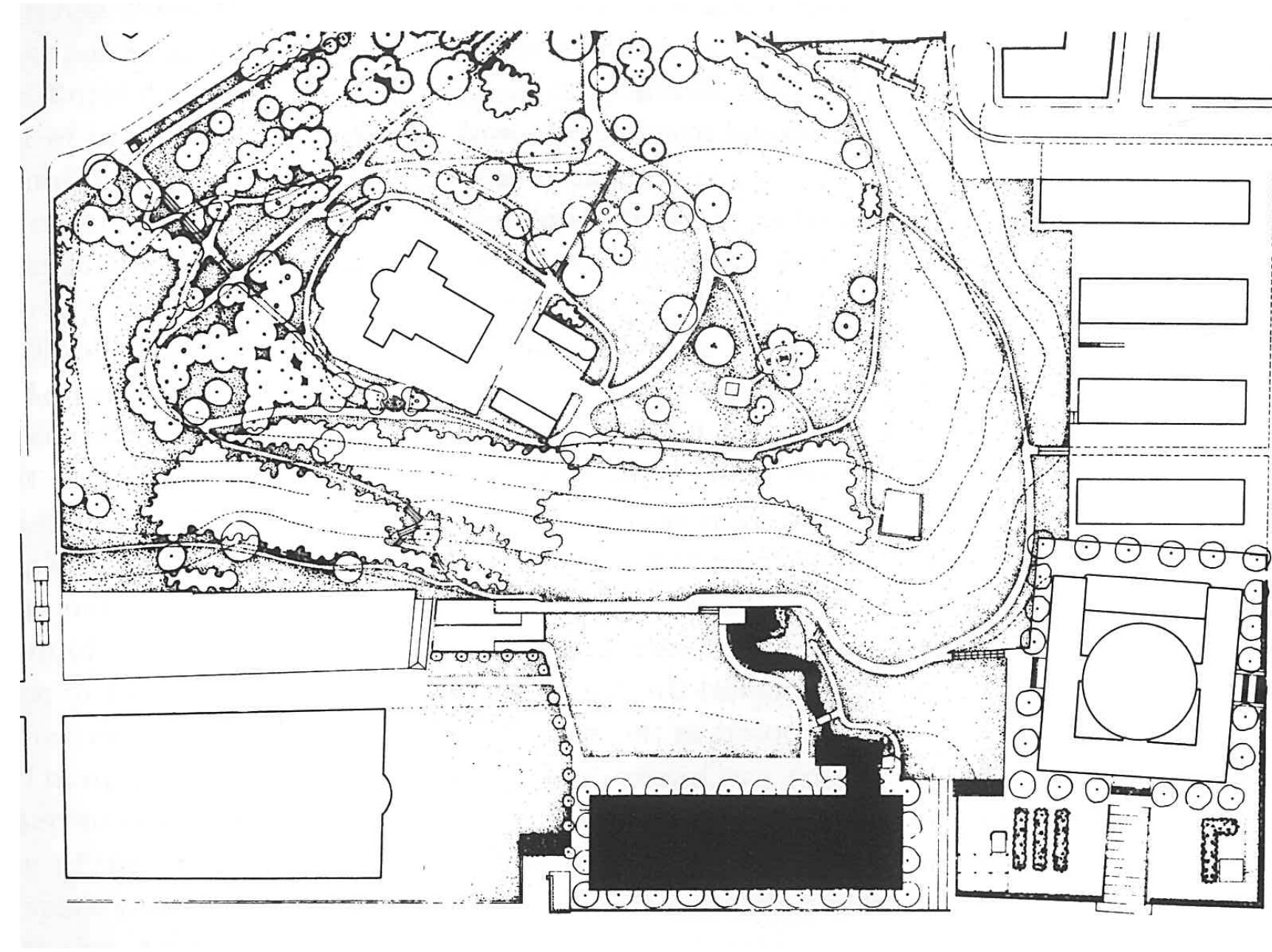
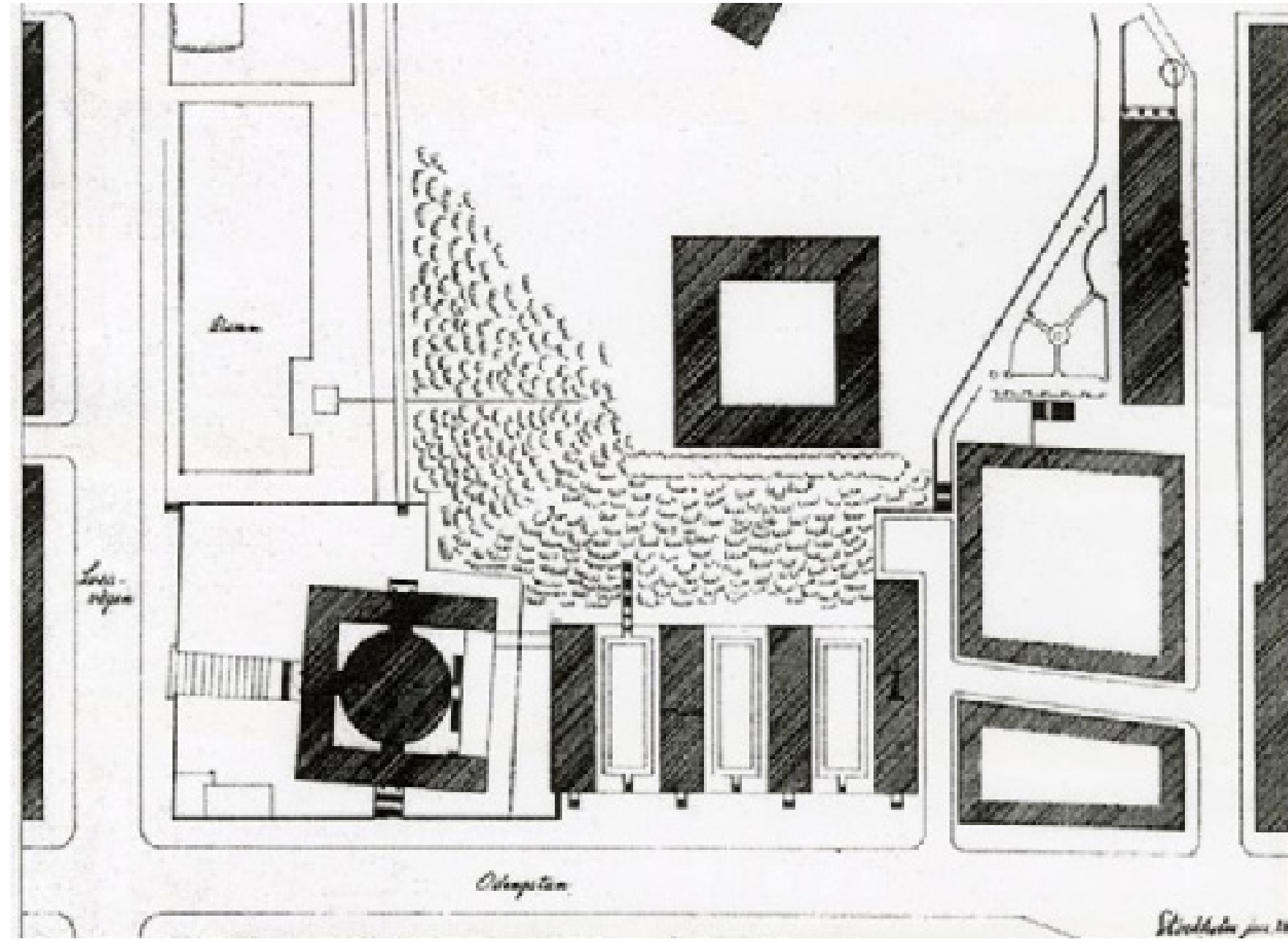
The Stockholm Library

Program

**Design proposal**



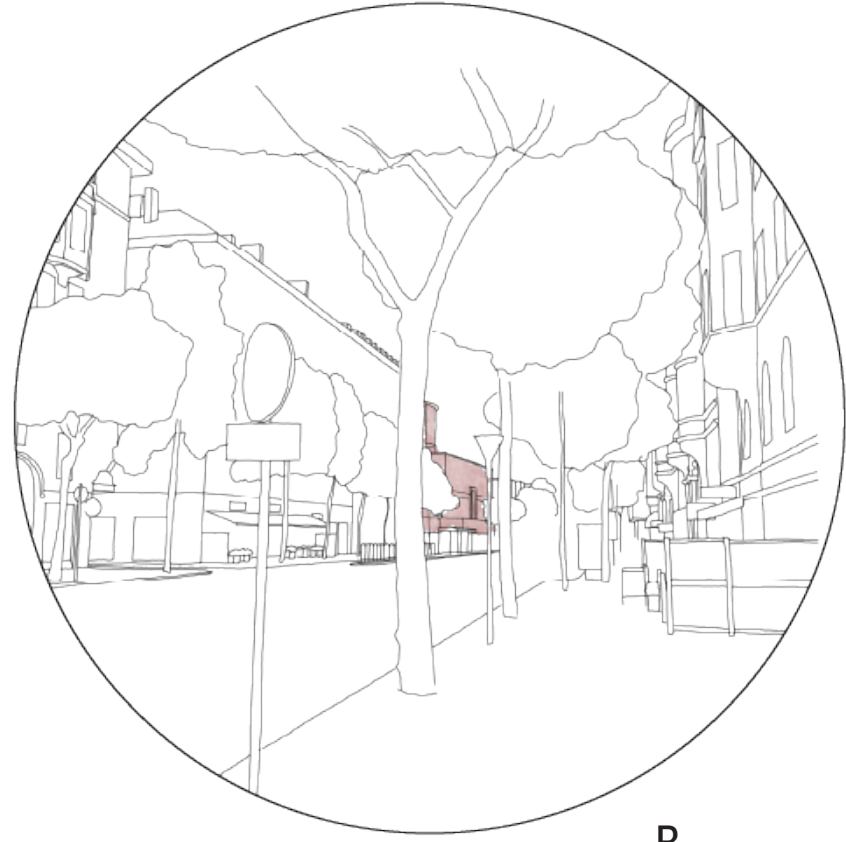




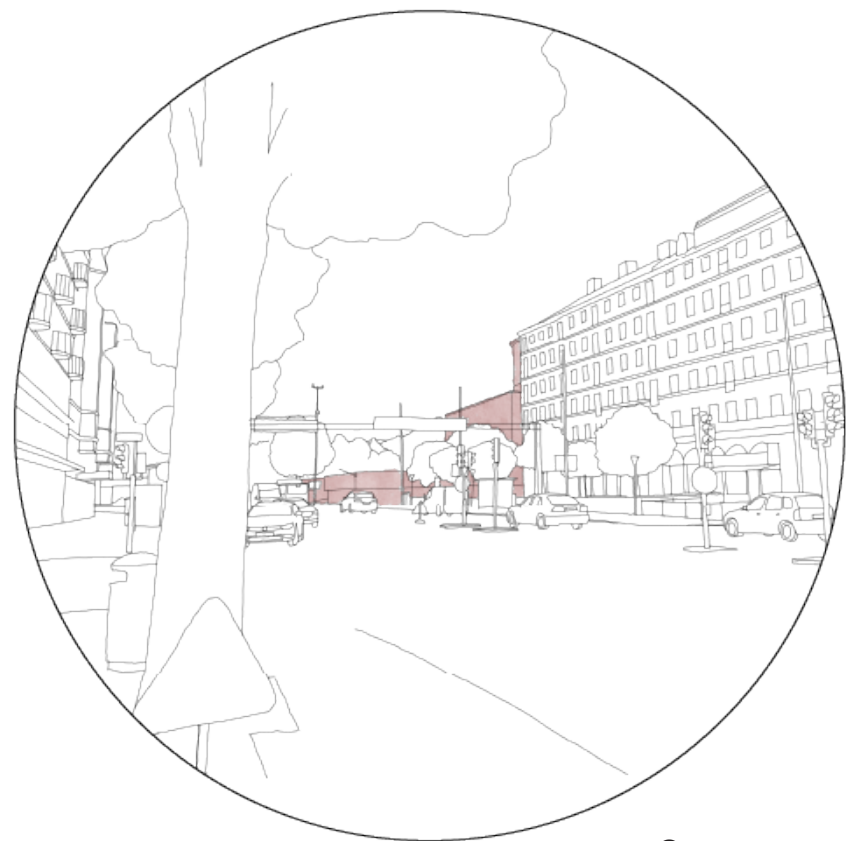
Original idea for the site



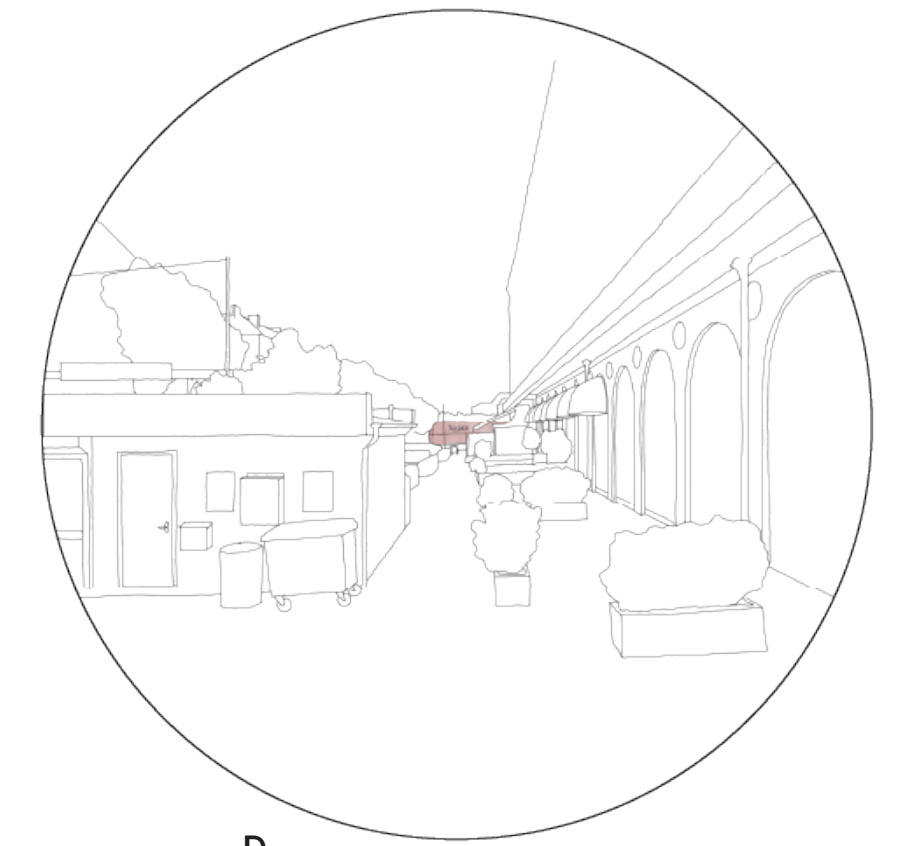
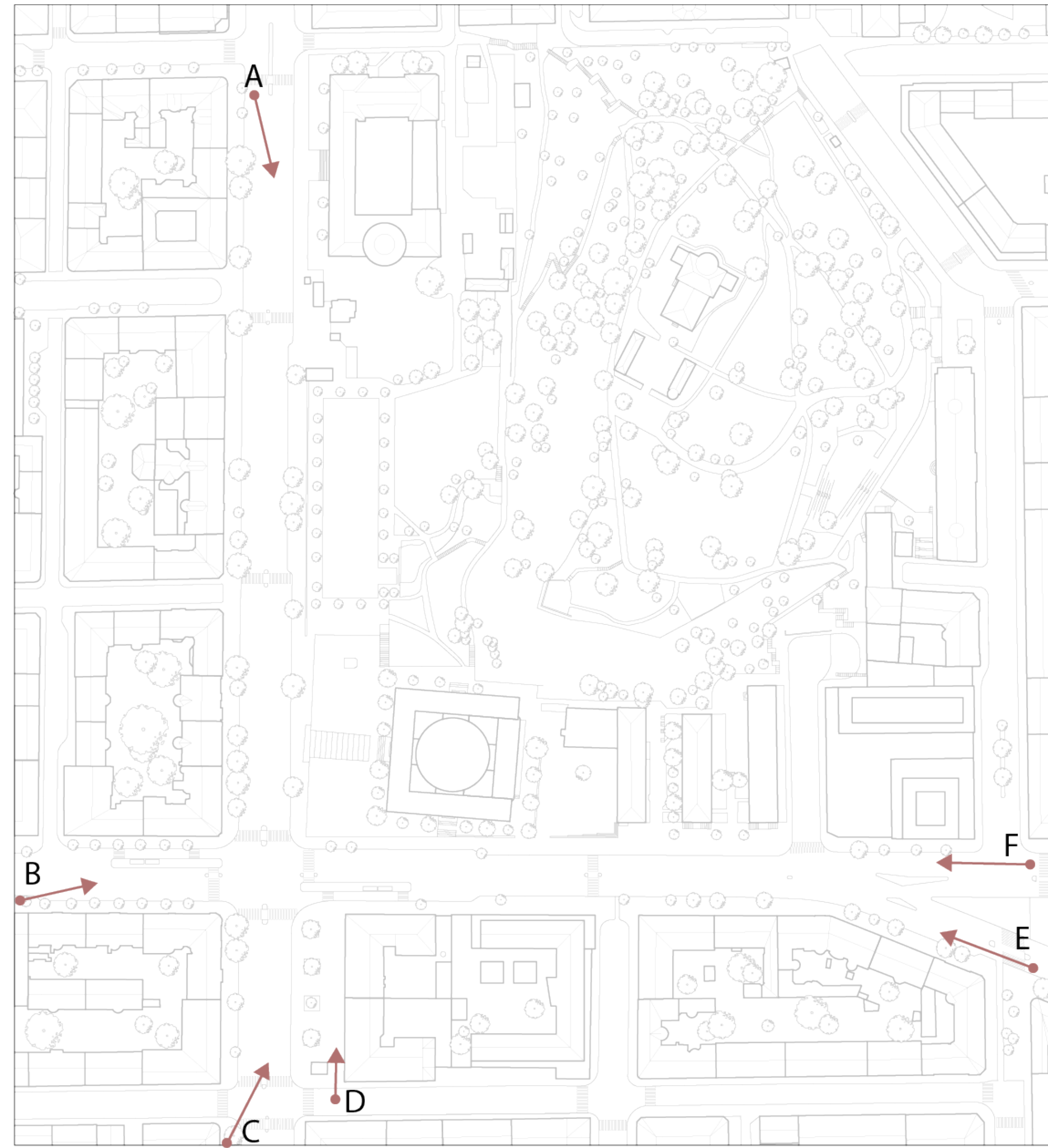
A



B



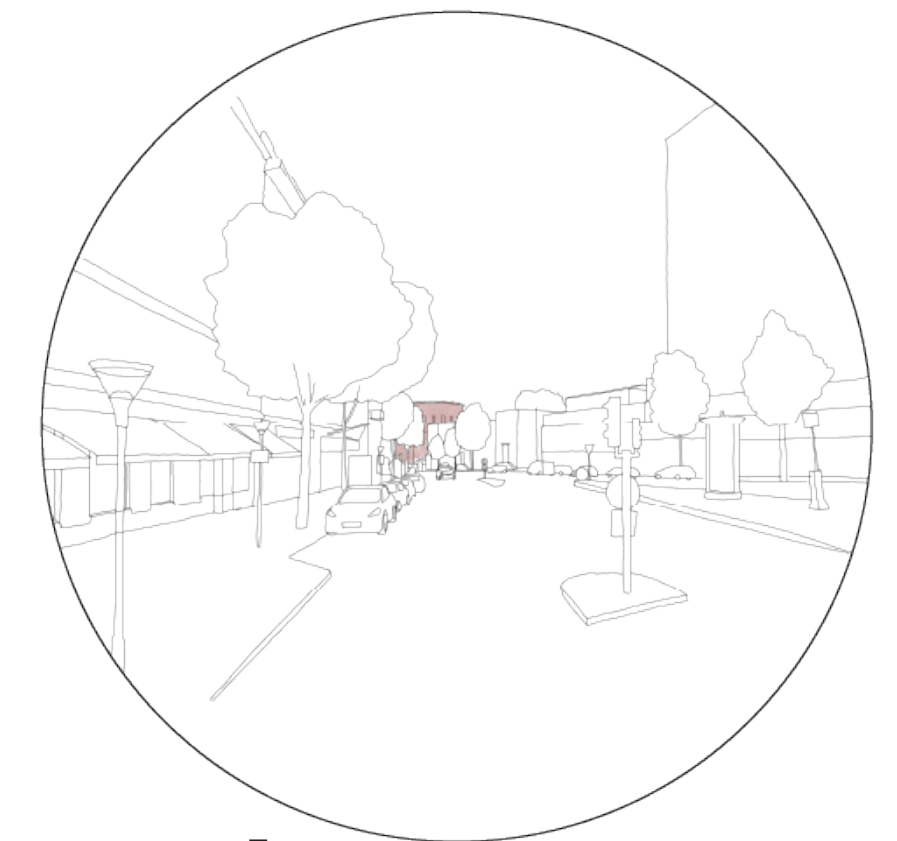
C



D



E

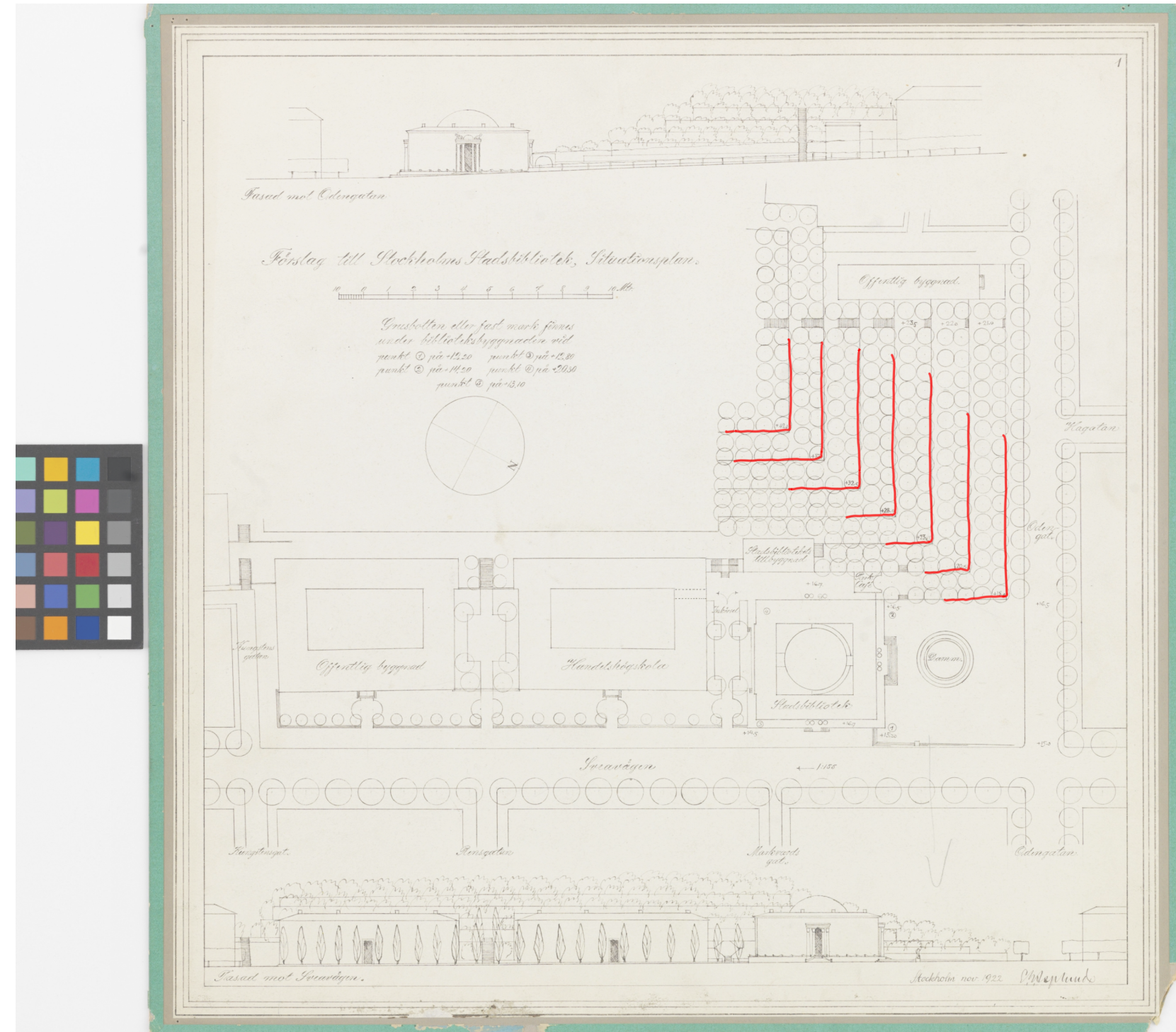
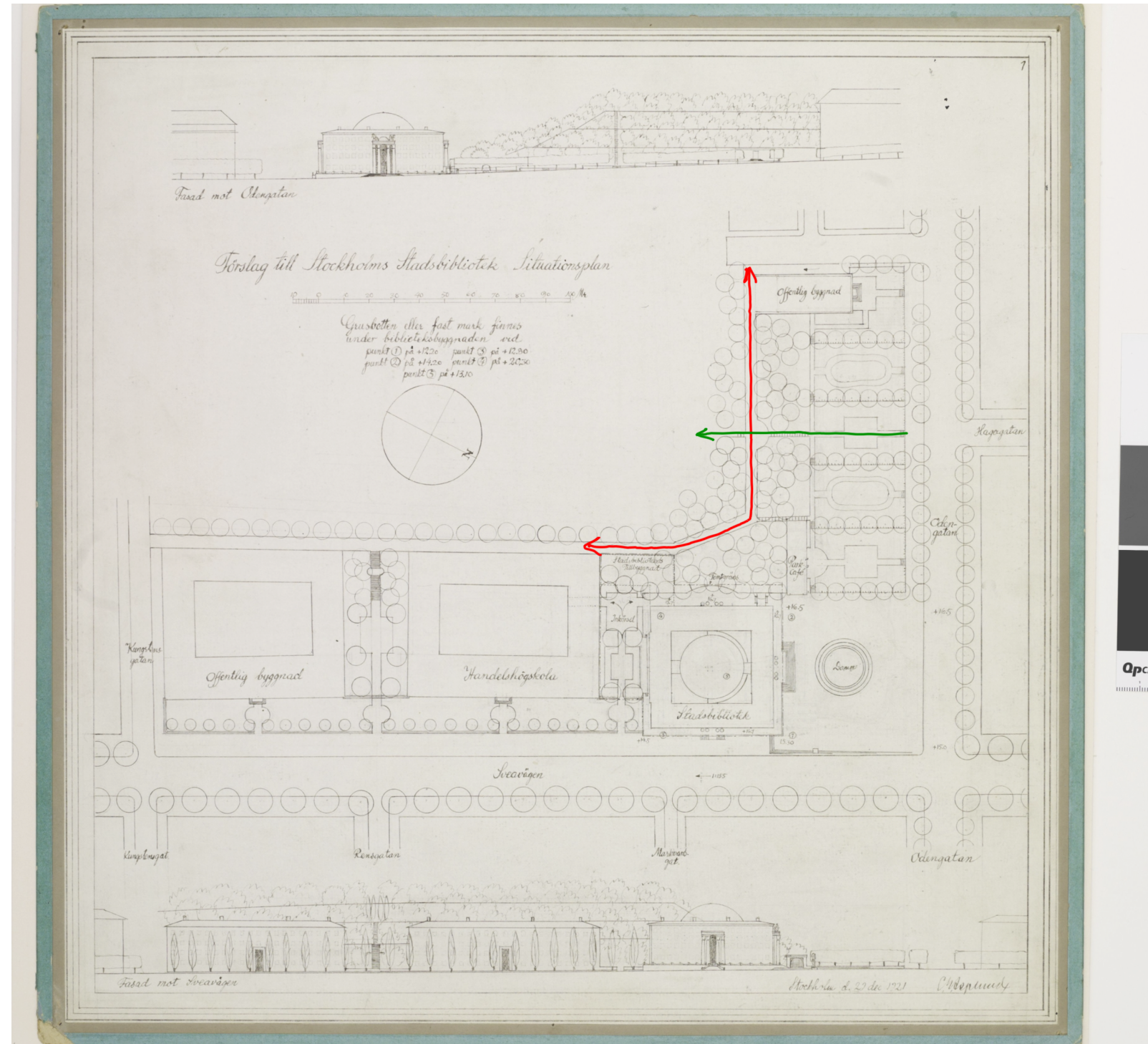


F

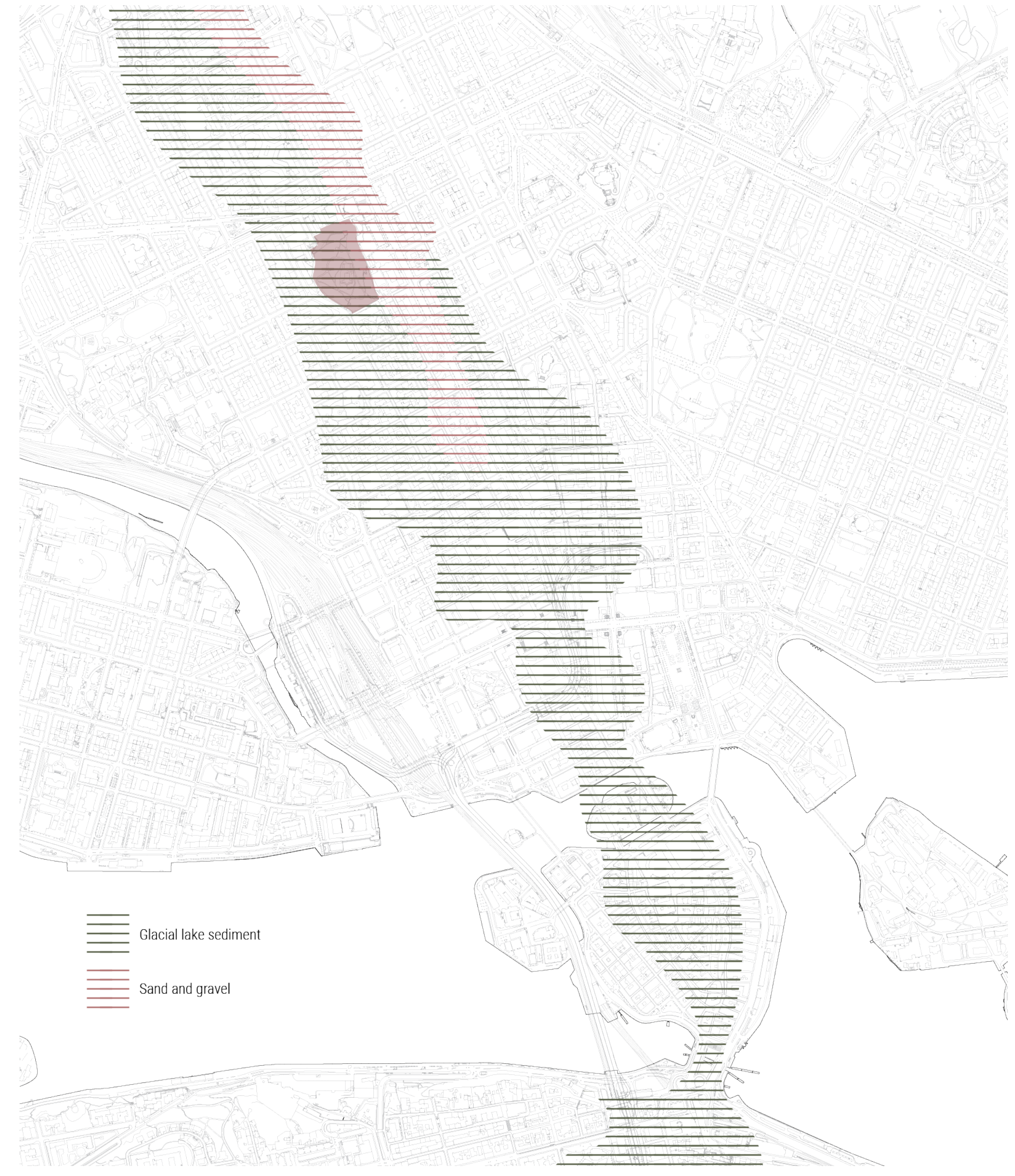
**A walk around the site**  
Viewing the library from different angles



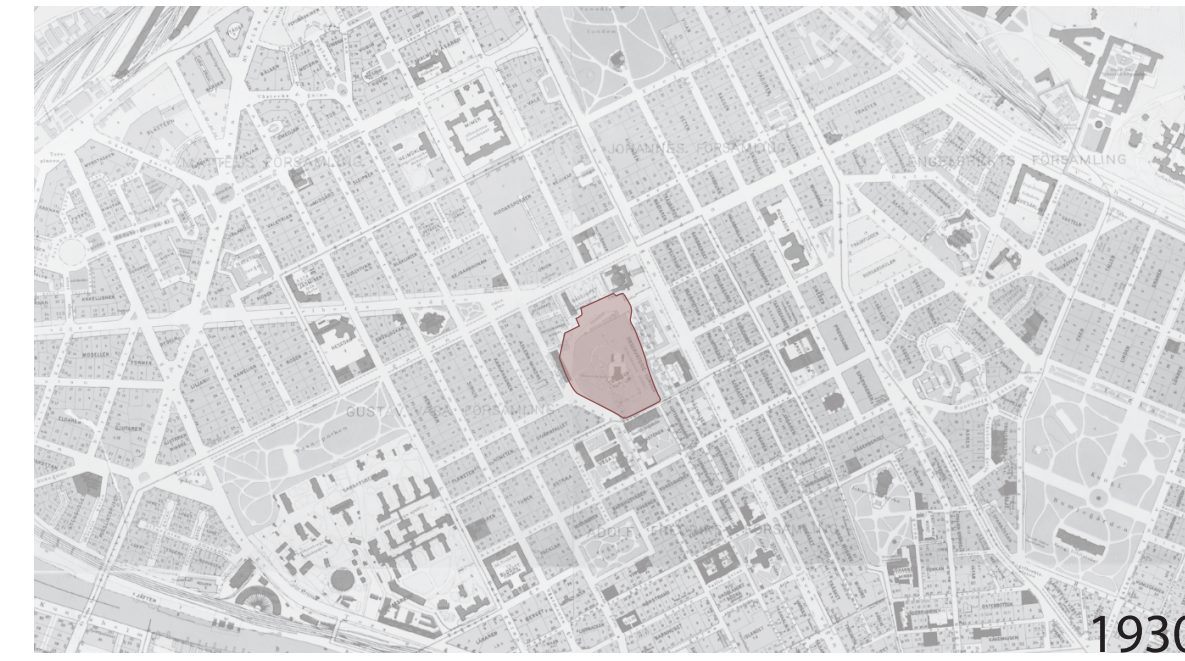
**Backside of the hill**



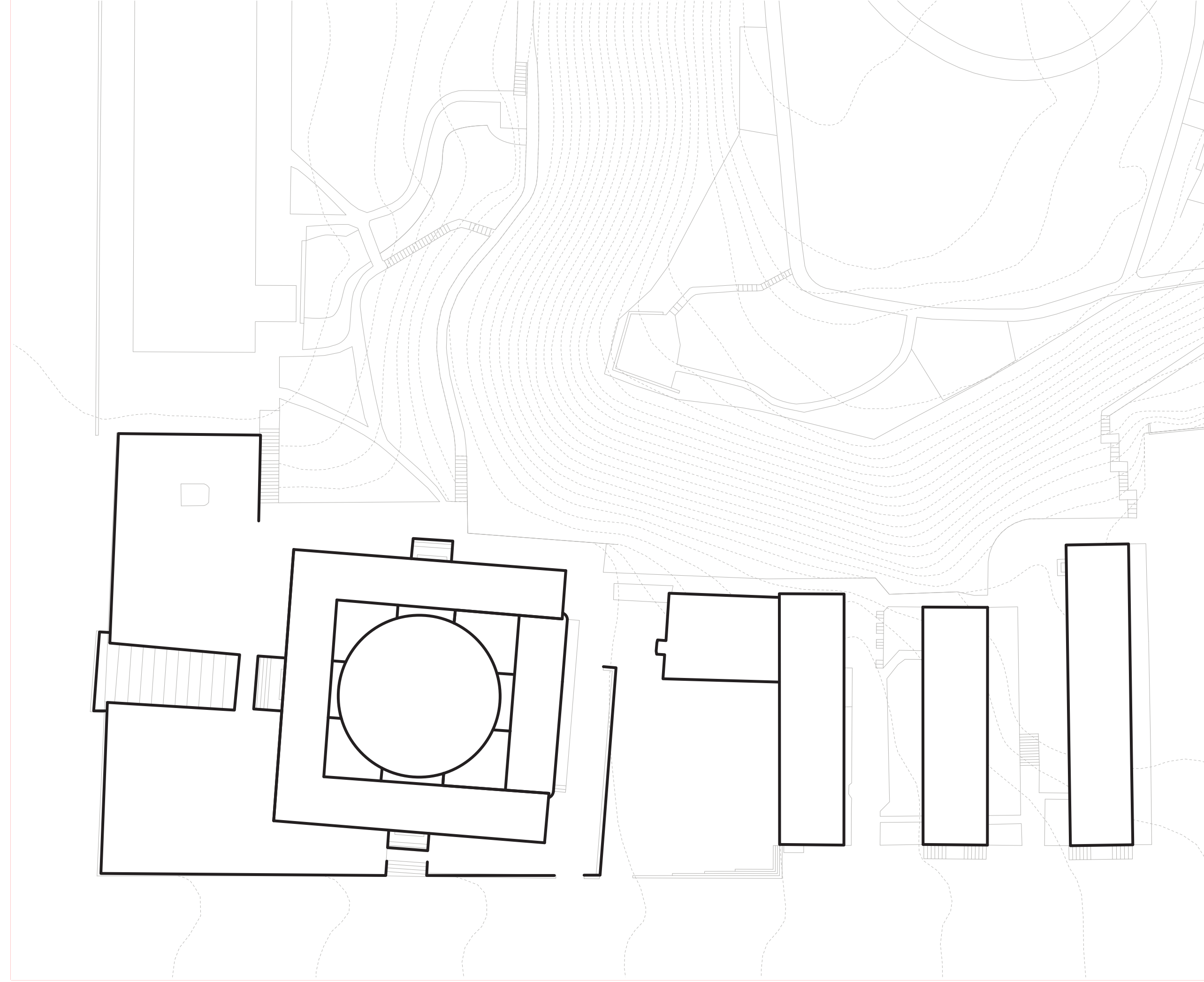
Asplund's first thoughts



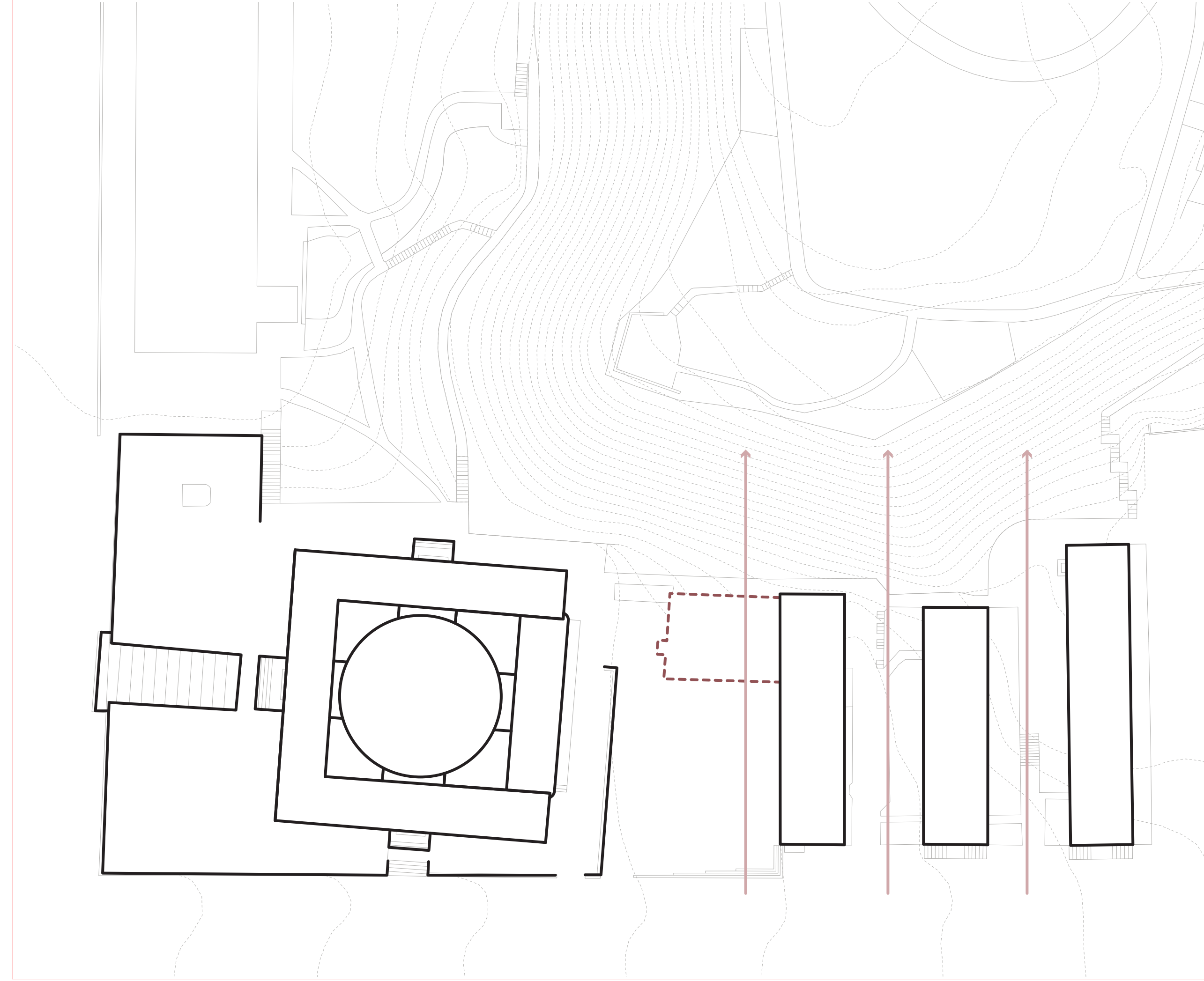
**Brunkeberg Ridge**  
The esker which shaped the terrain



**Brunkeberg Ridge**  
Excavation

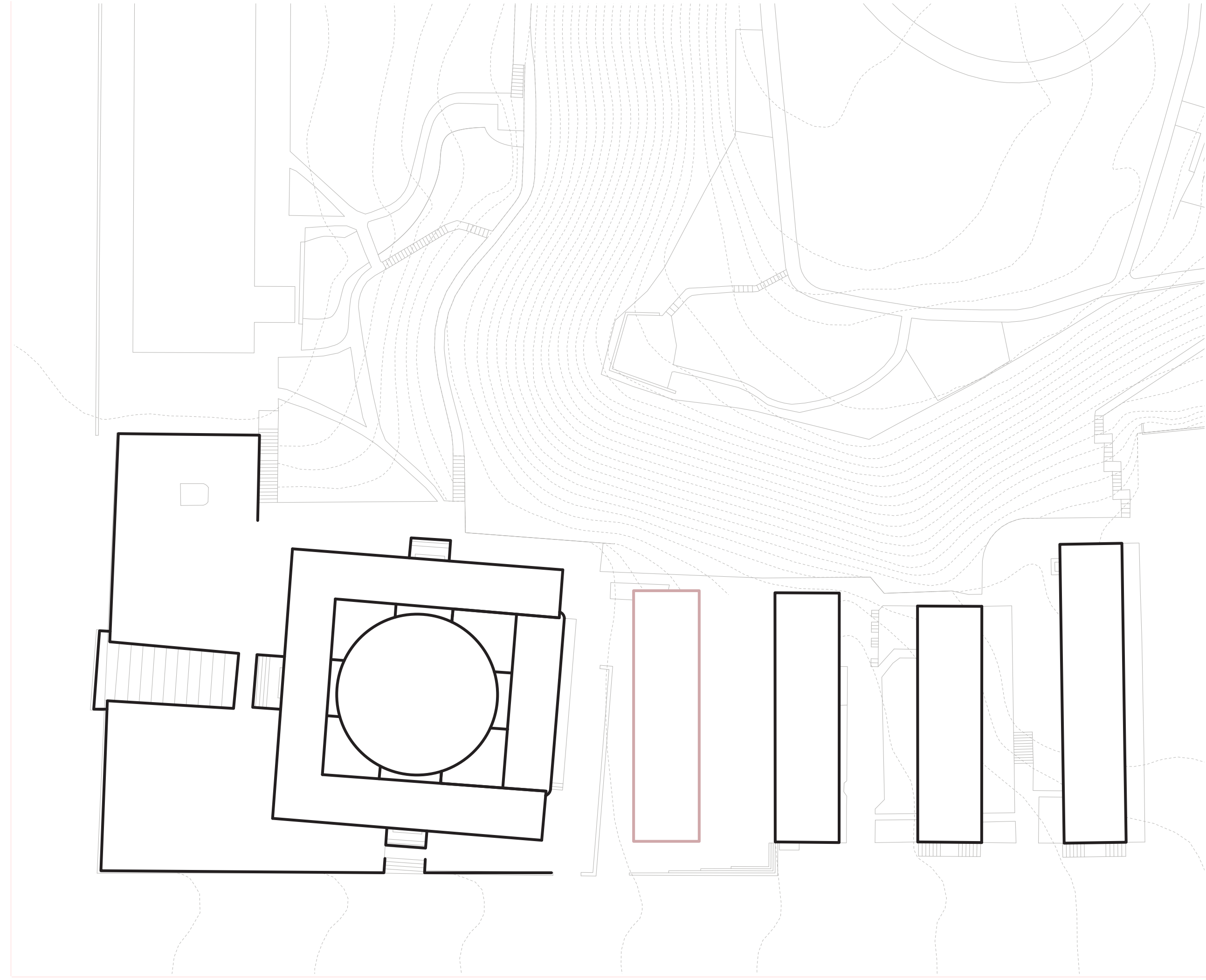


**Massing**  
Existing situation

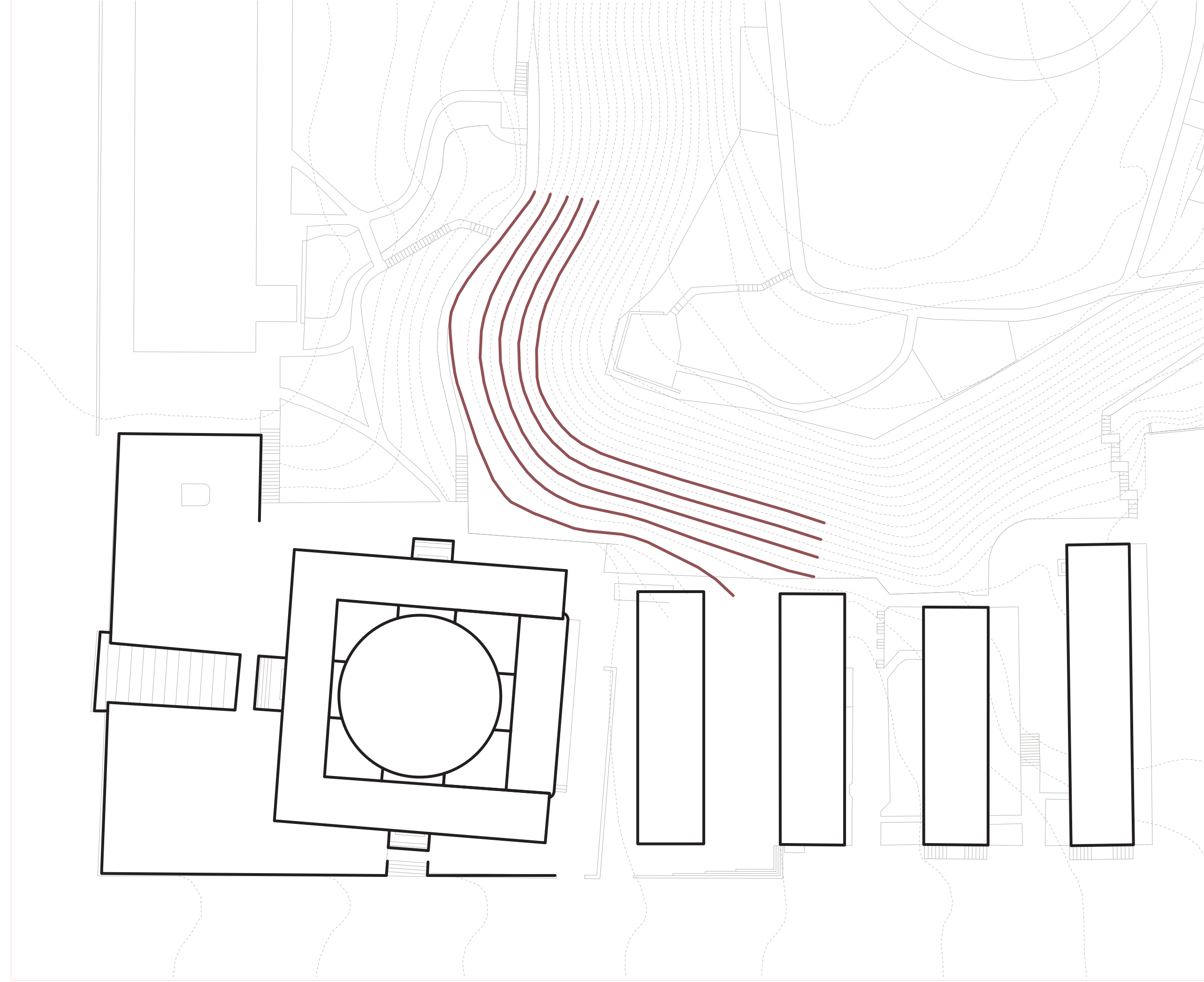


## Massing

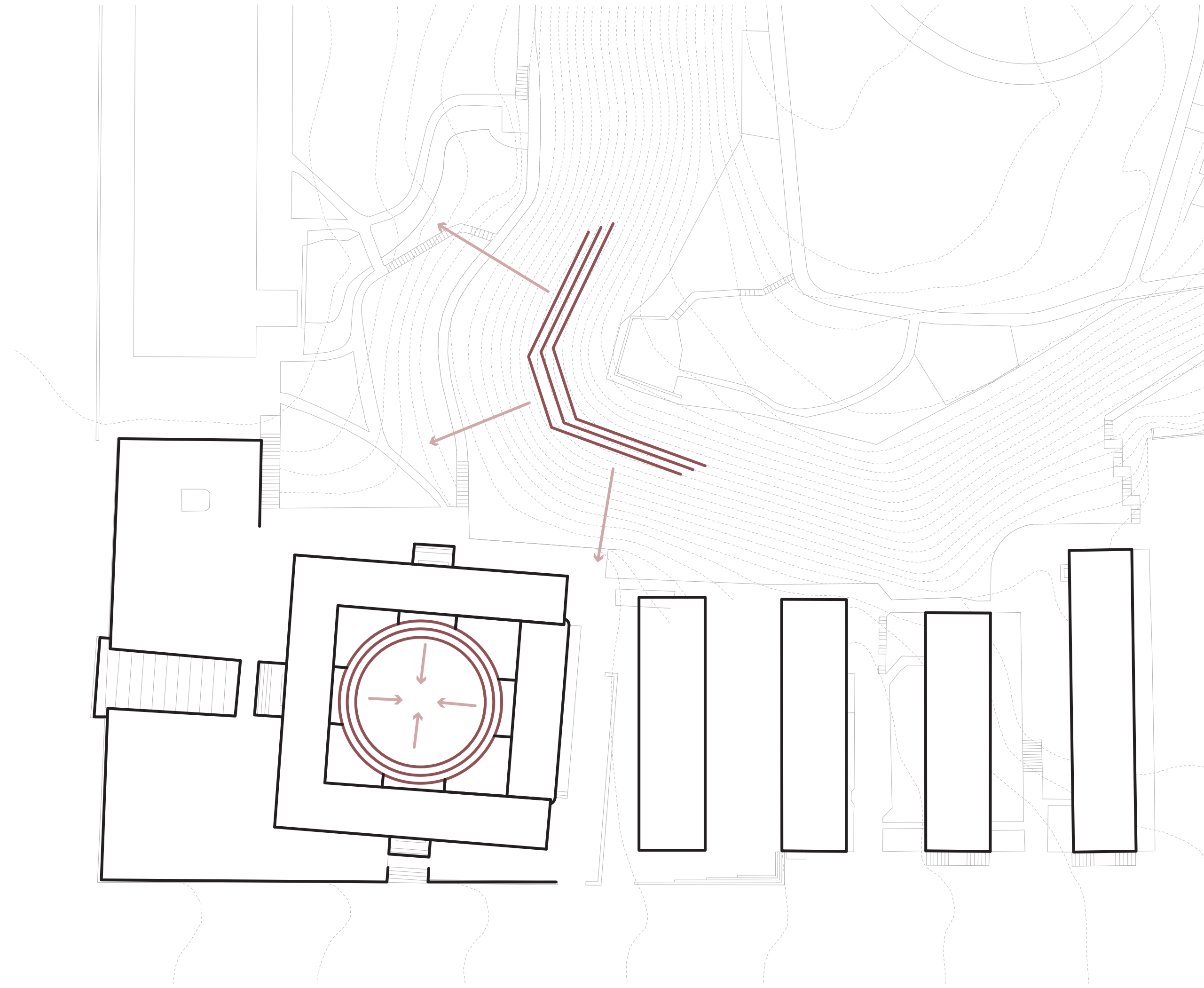
Bringing back the original scheme of parallel blocks



**Massing**  
Introducing the fourth annex

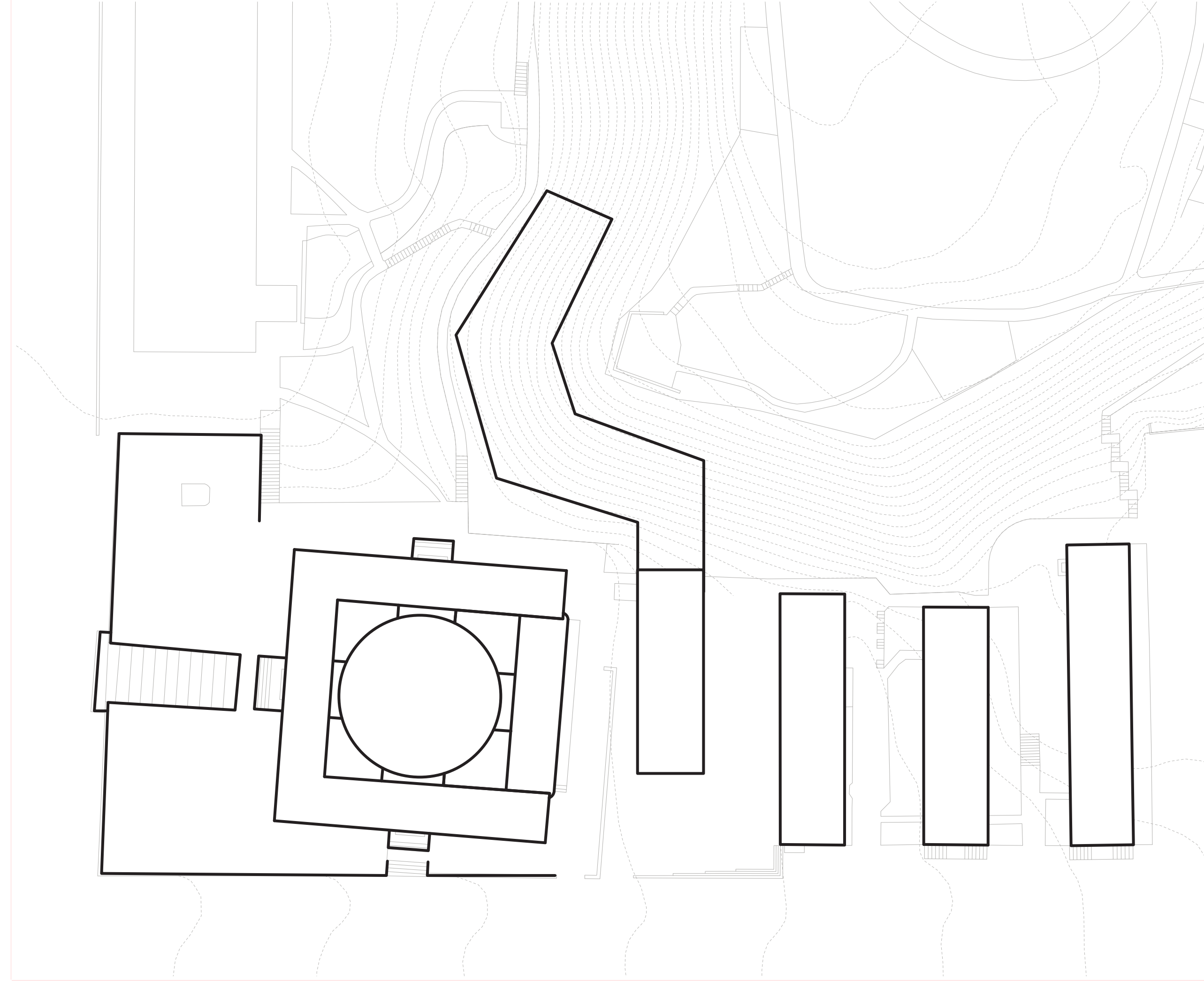


**Massing**  
Using the terrain to guide the design

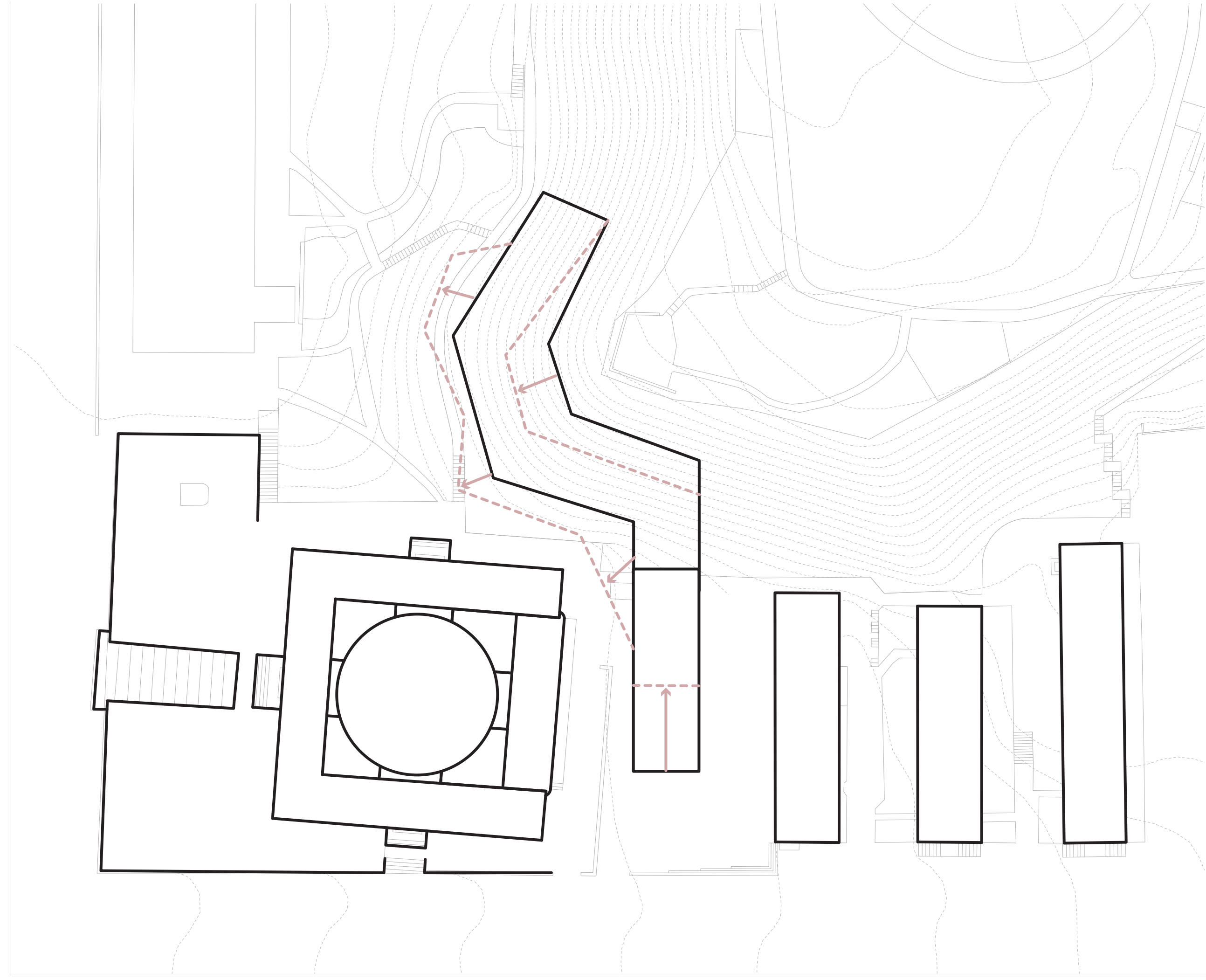


### Massing

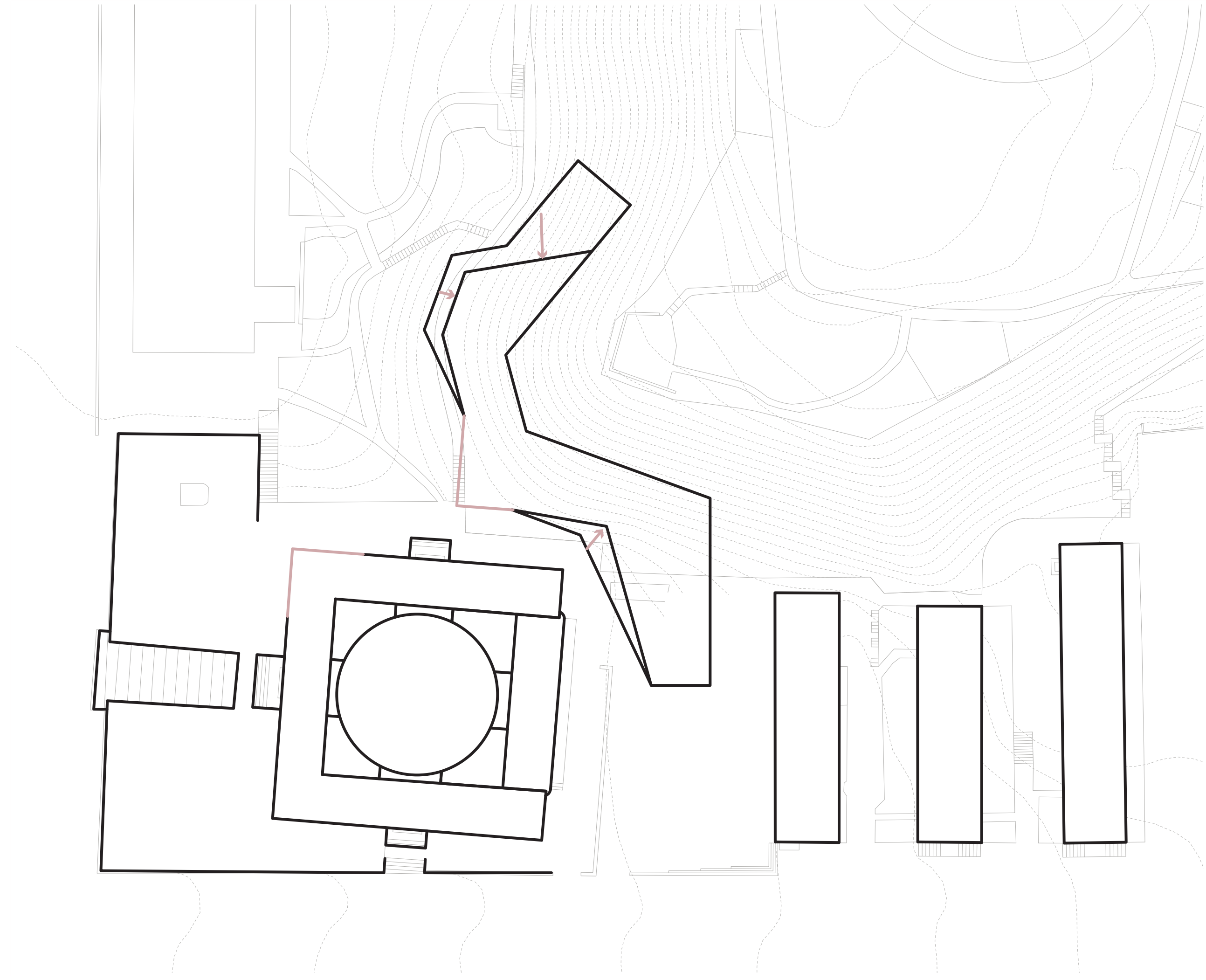
Using the scheme of the rotunda differently



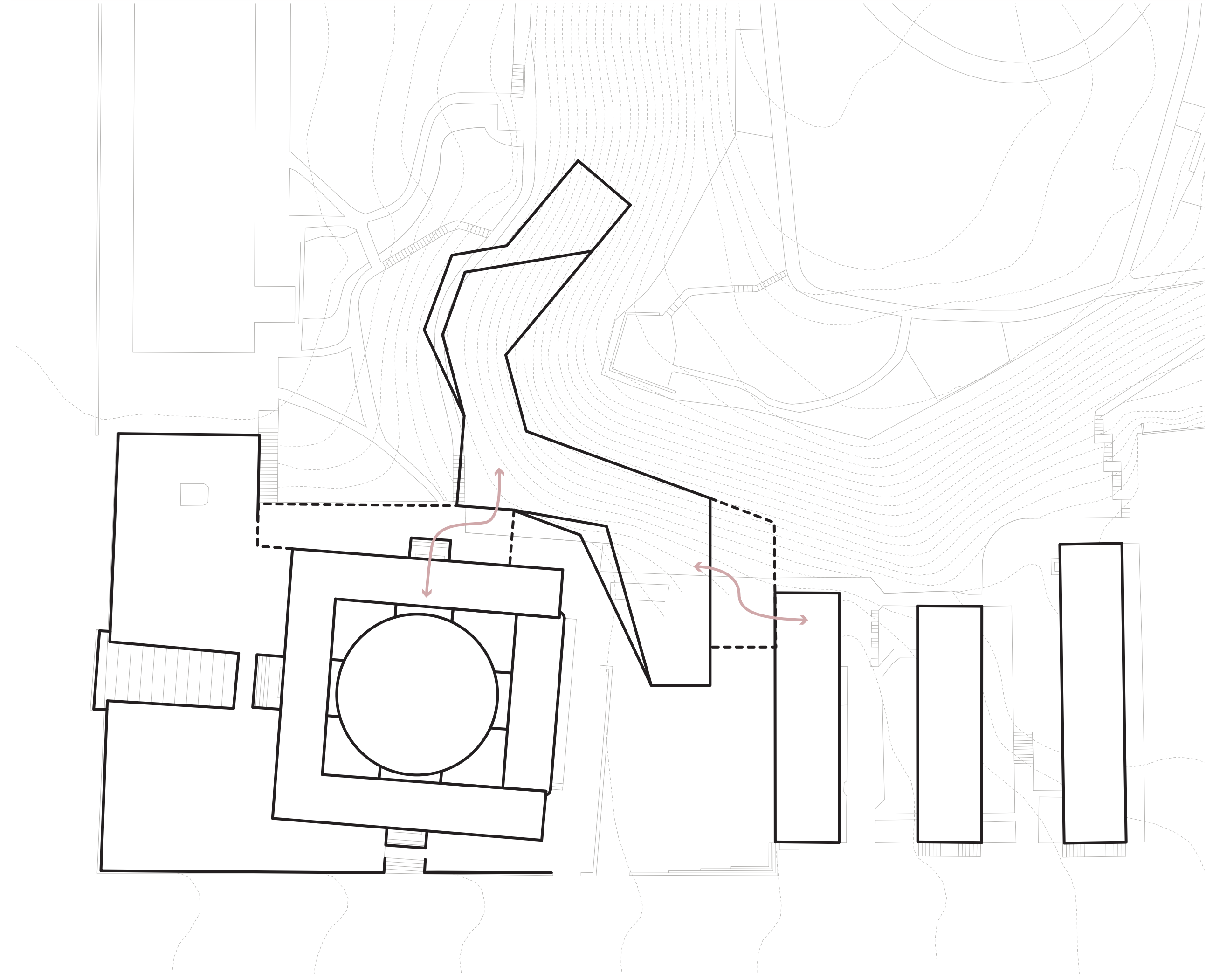
**Massing**  
Adjusting the shape



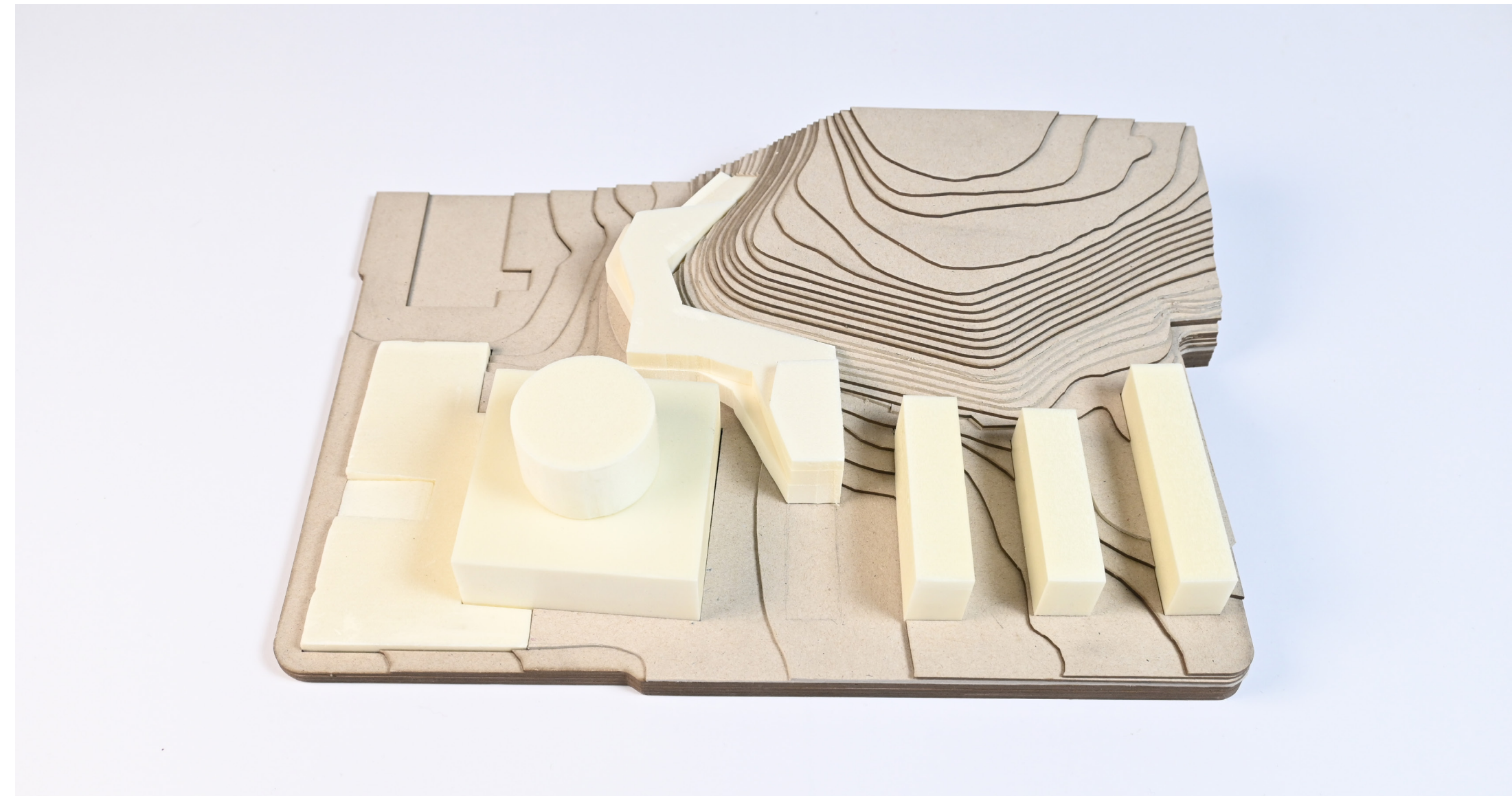
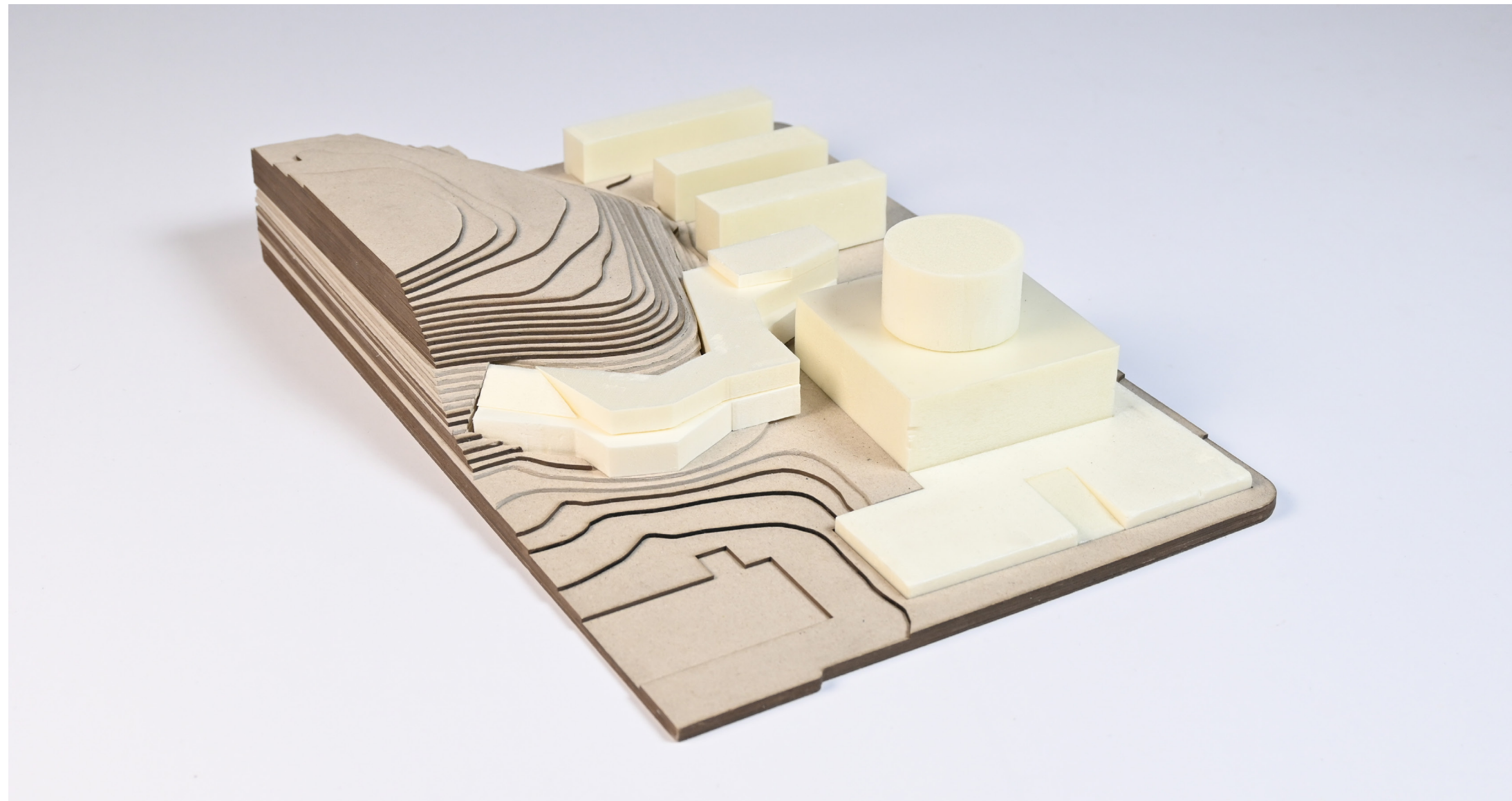
**Massing**  
Push and pull



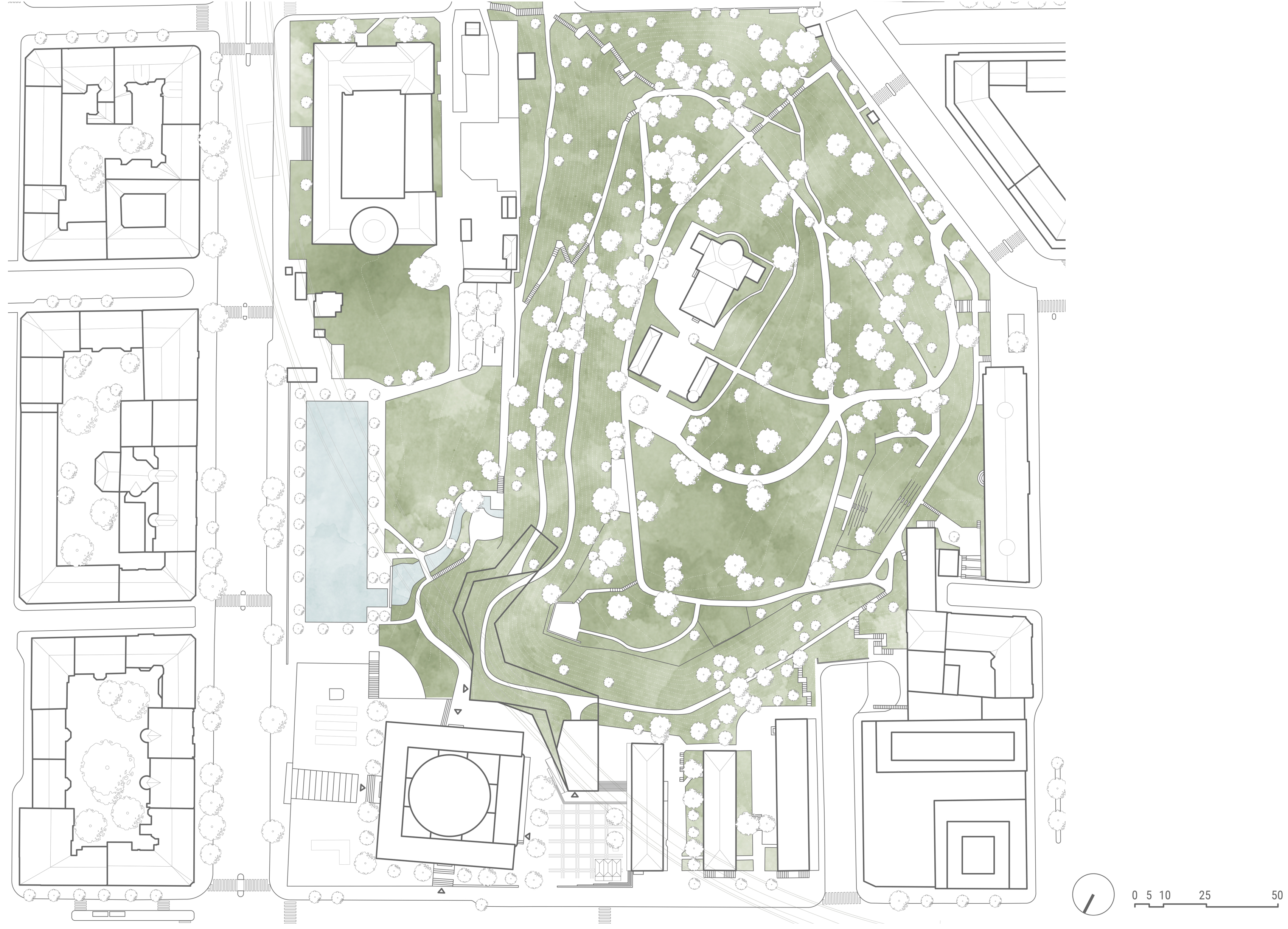
**Massing**  
Relation with Stockholm City Library and the hill



**Massing**  
Connecting with existing buildings



**Massing**  
1:500 model



Site plan



## Section

Bookshelves wall as continuation of the hill inside of the building

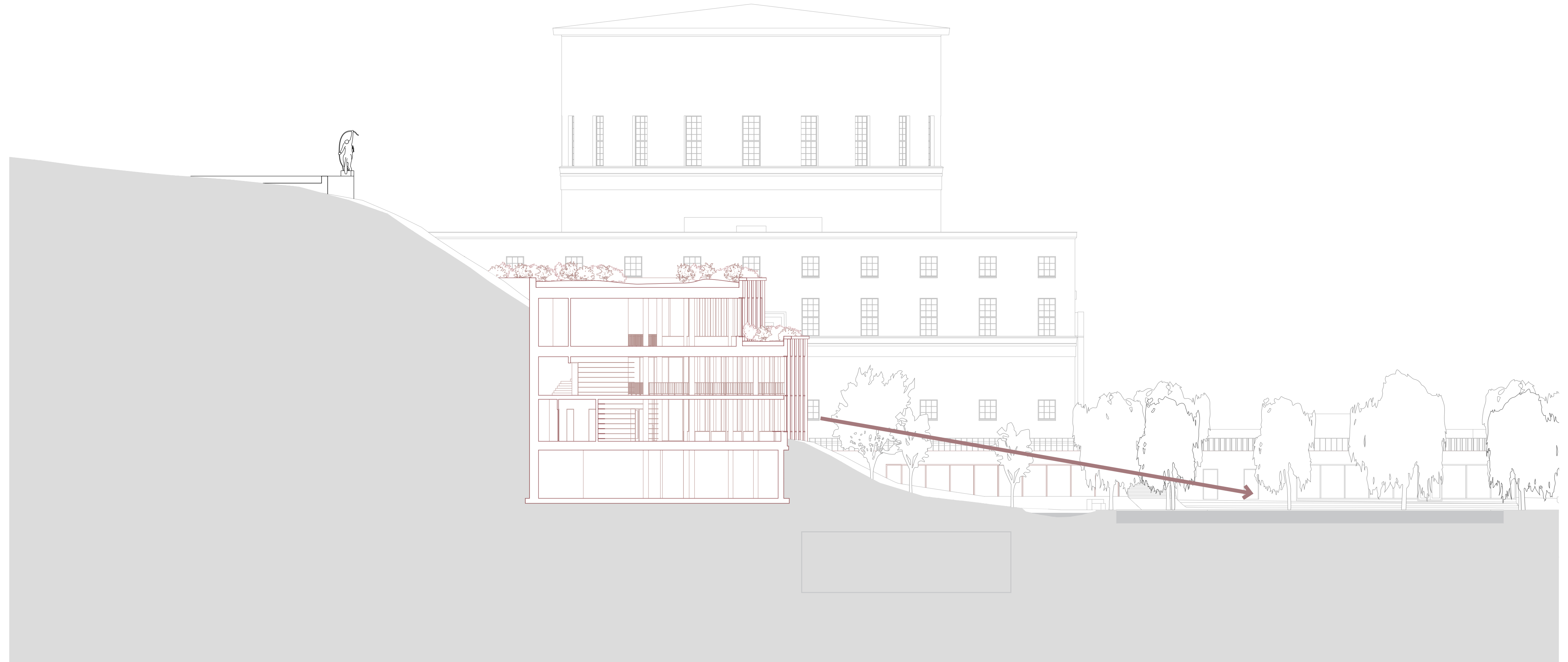


**Section**

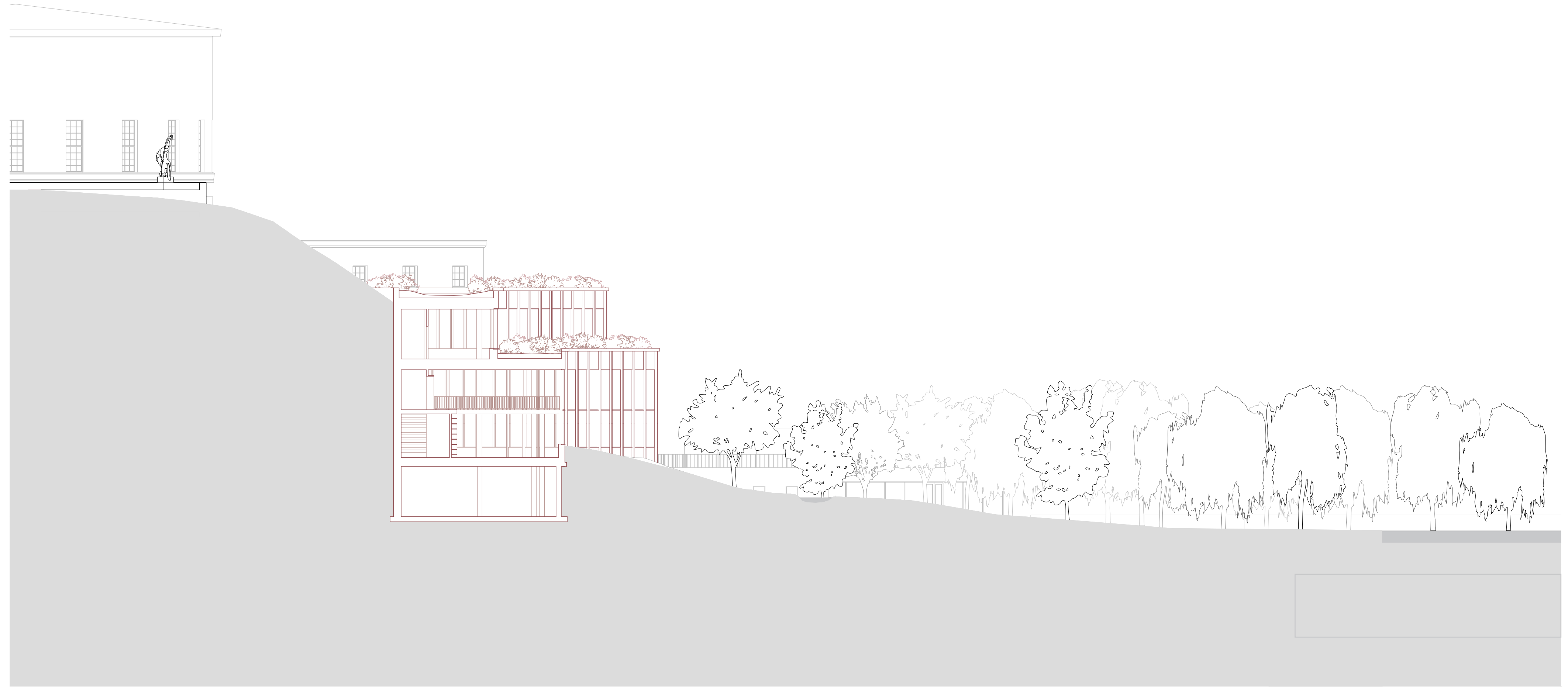
Bookshelves wall as continuation of the hill inside of the building



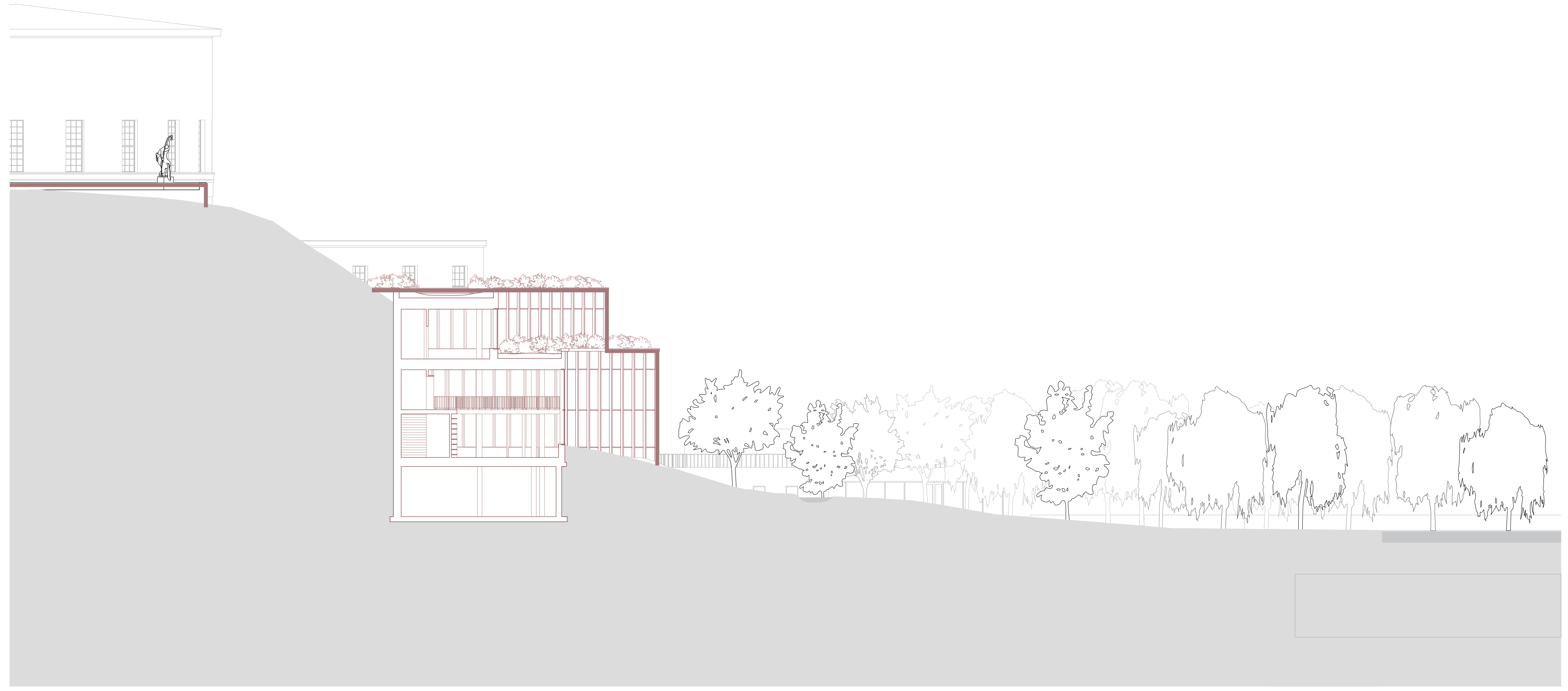
**Section**  
Views to the park



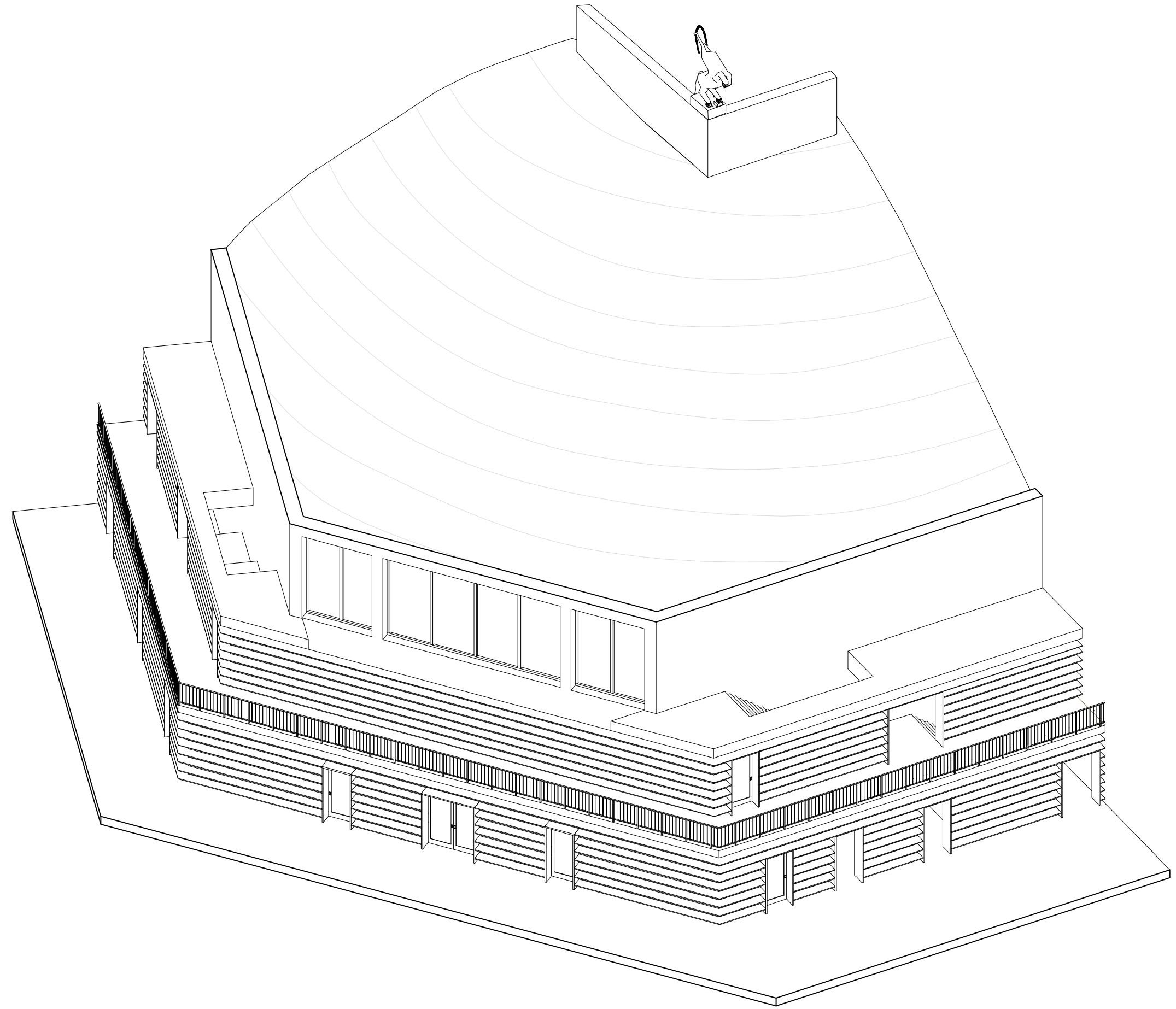
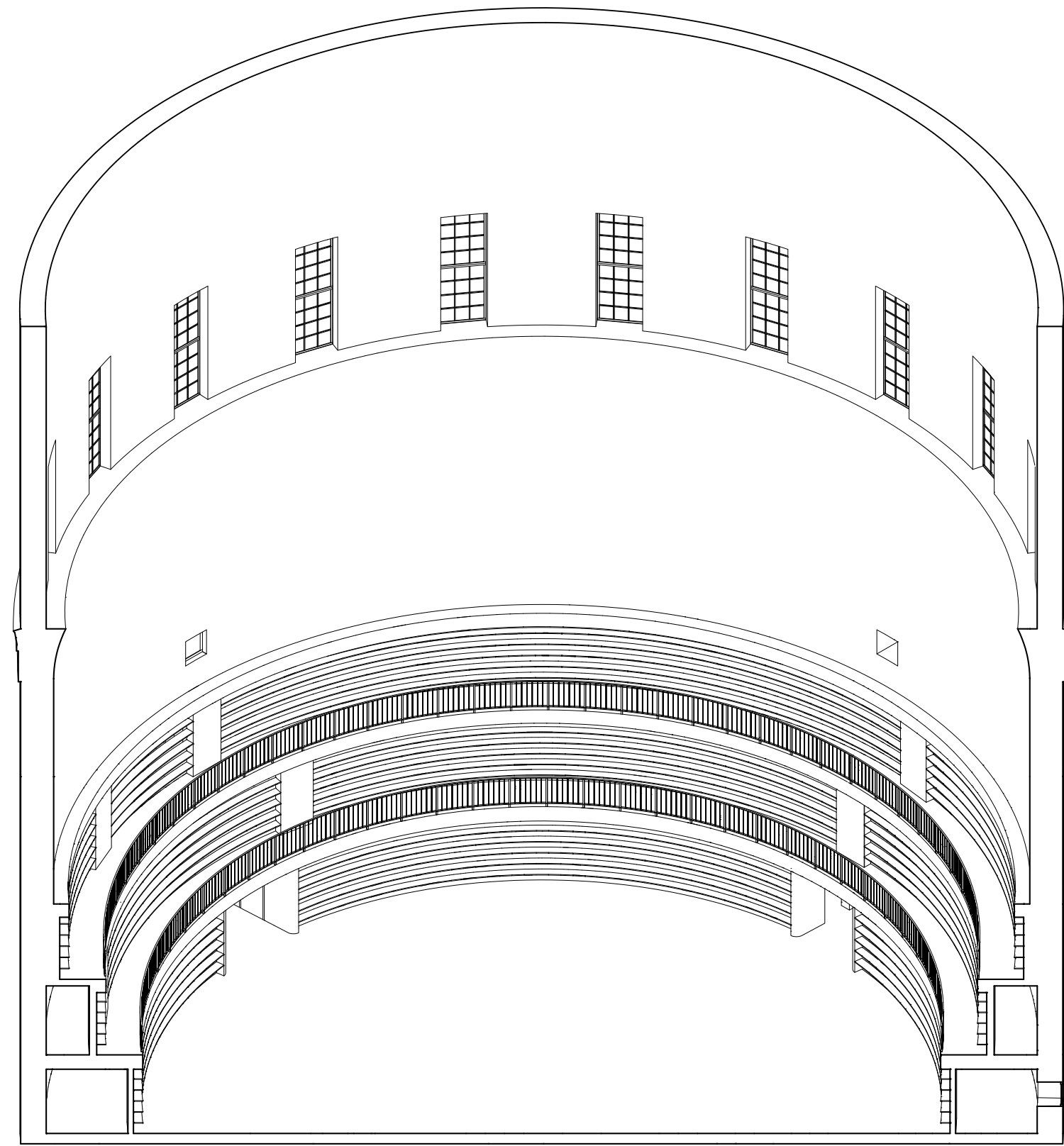
**Section**  
Views to the park



**Section**  
Terraces



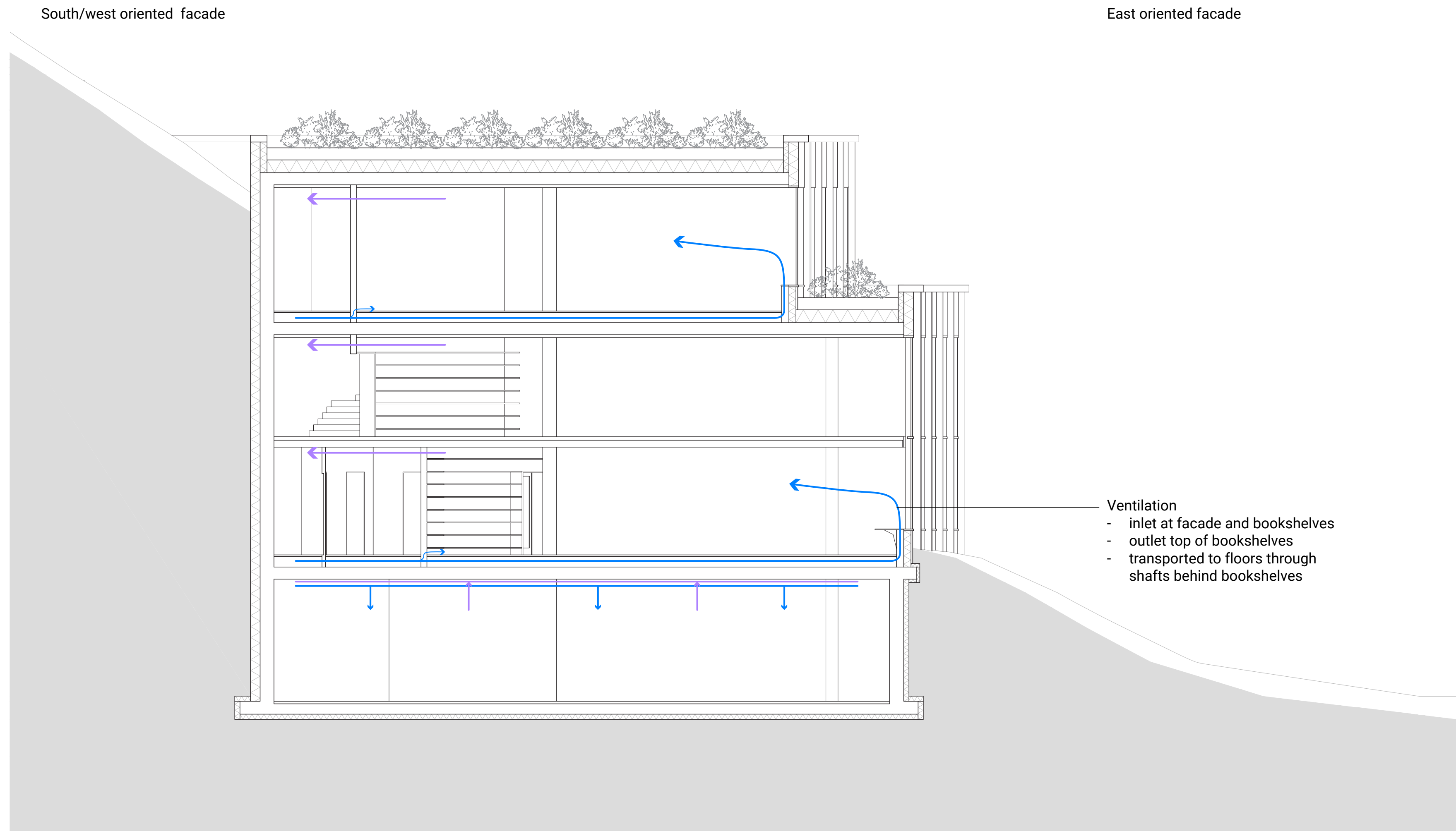
**Section**  
Terraces



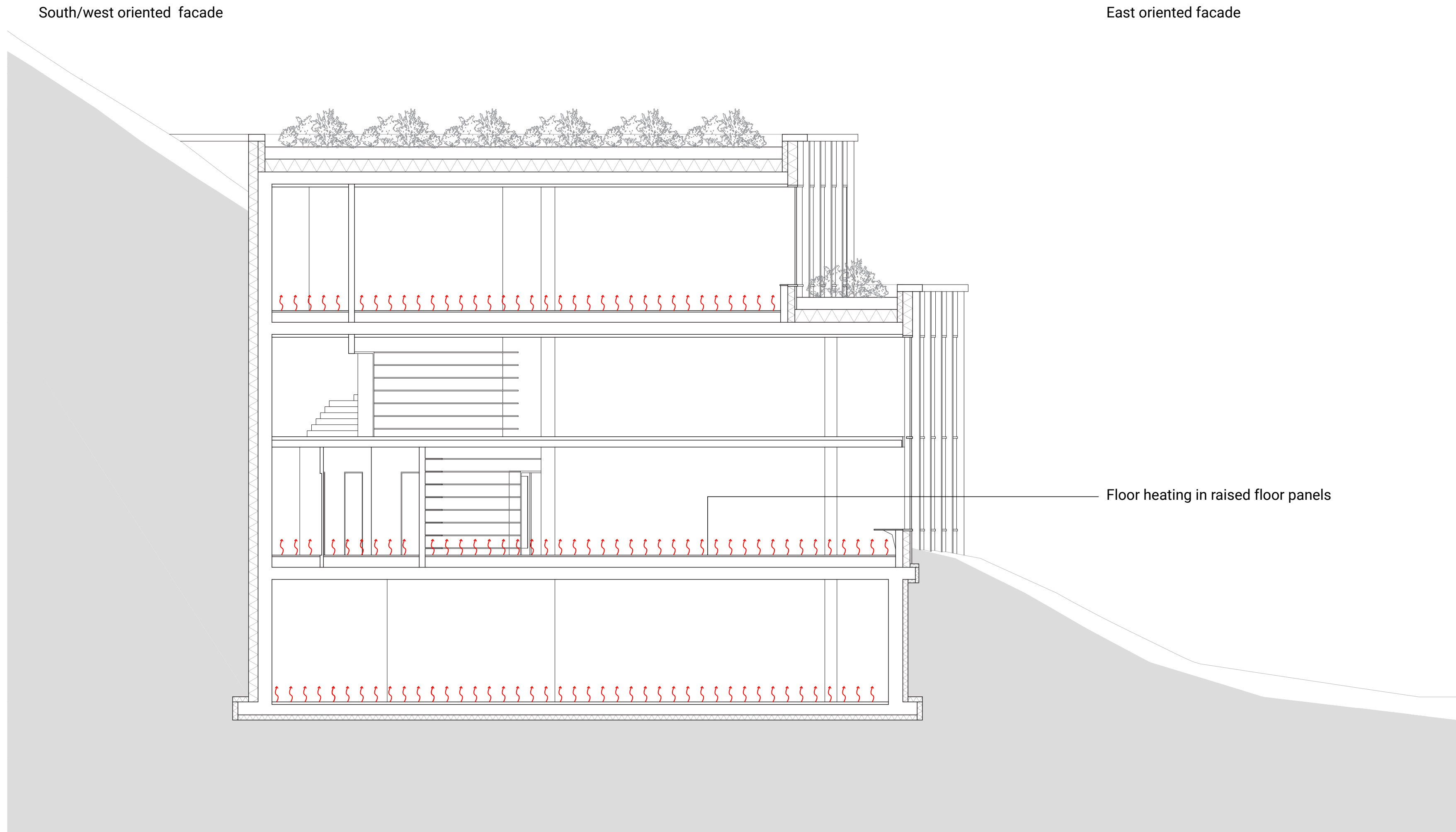
**Key elements of the buildings**  
The relationship between the rotunda and the bookshelf hill



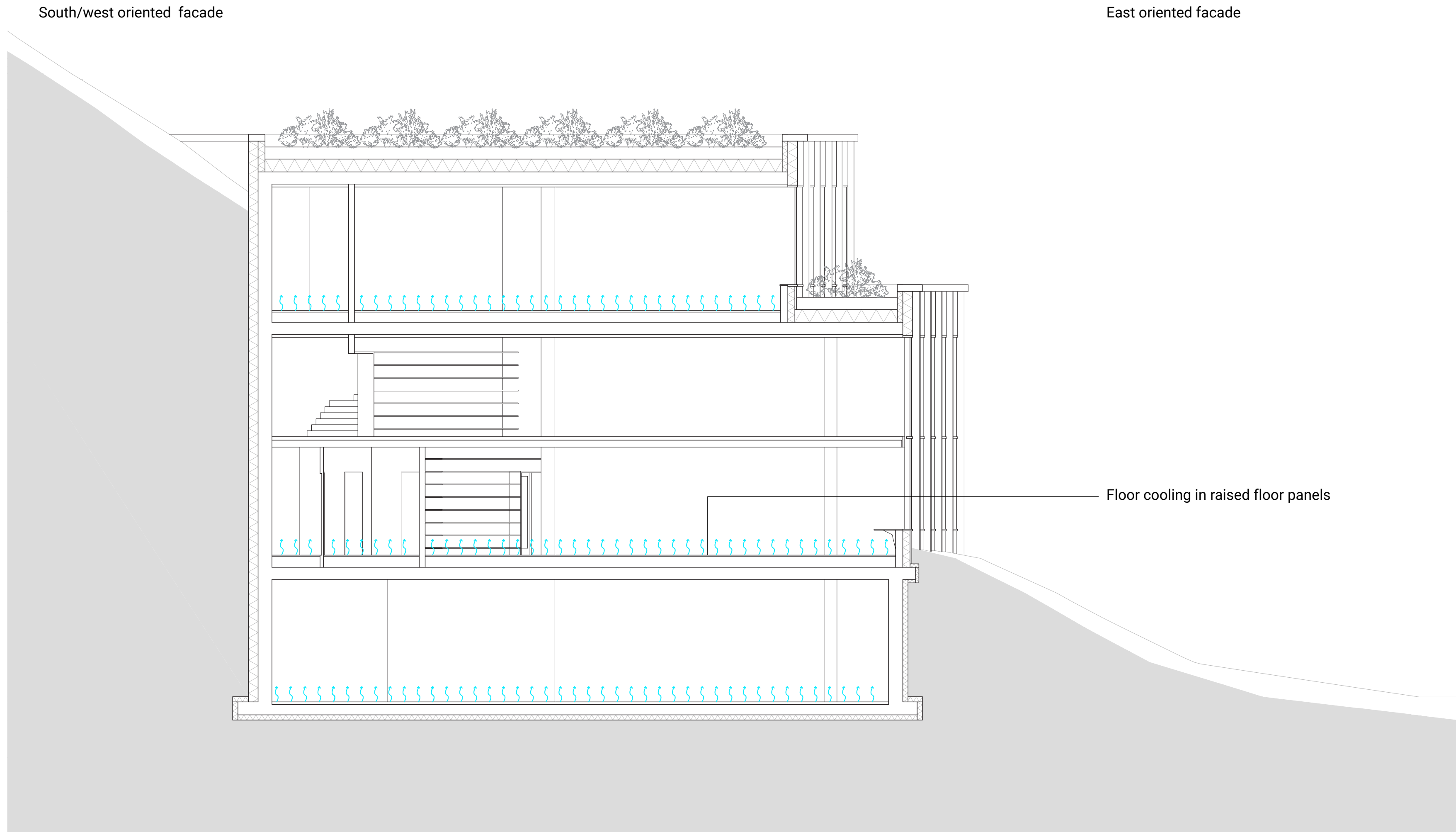
**Experiencing the hill**  
1:50 model of interior space



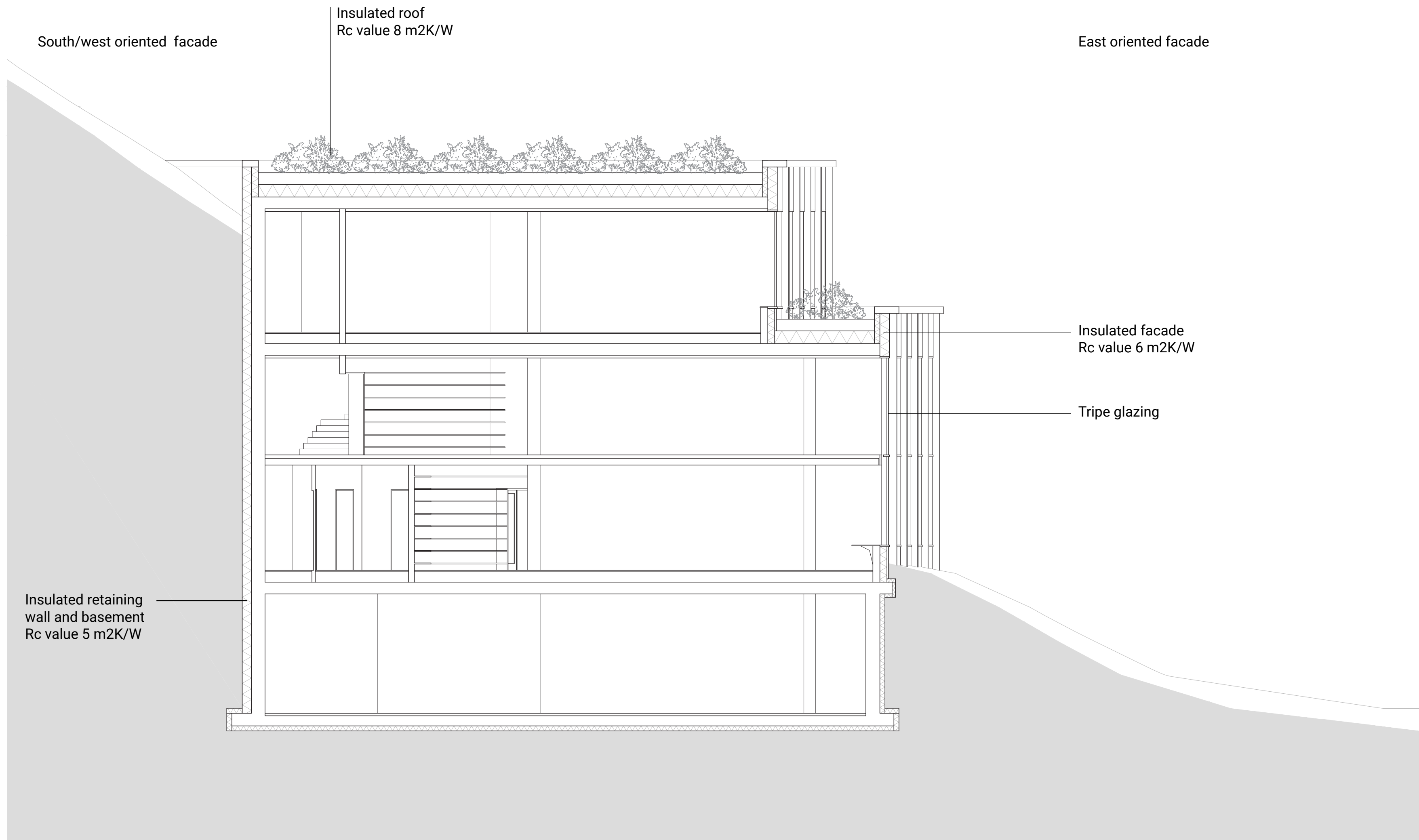
# Climate Ventilation



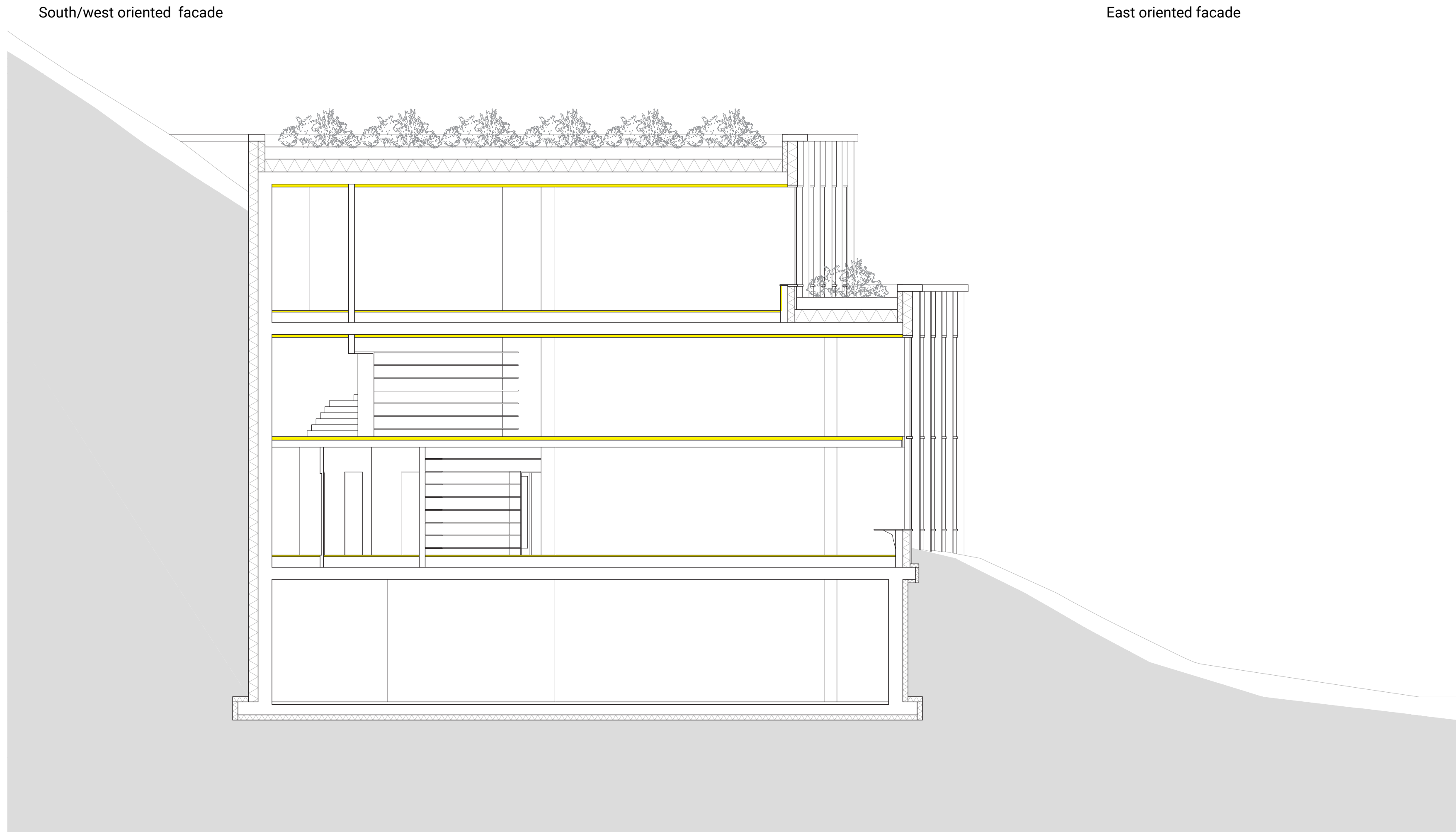
# Climate Heating



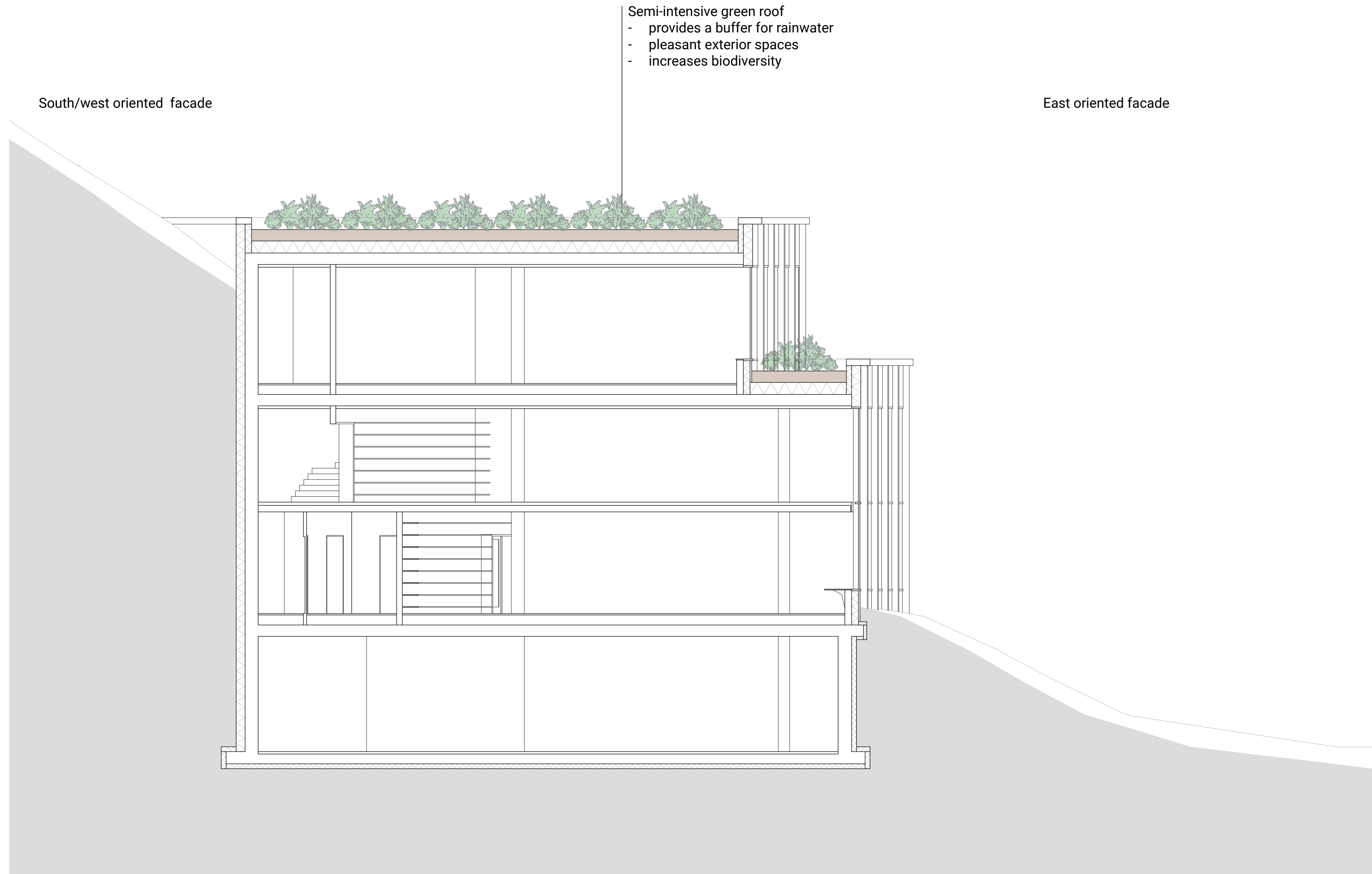
**Climate**  
Cooling



**Climate**  
Thermal insulation

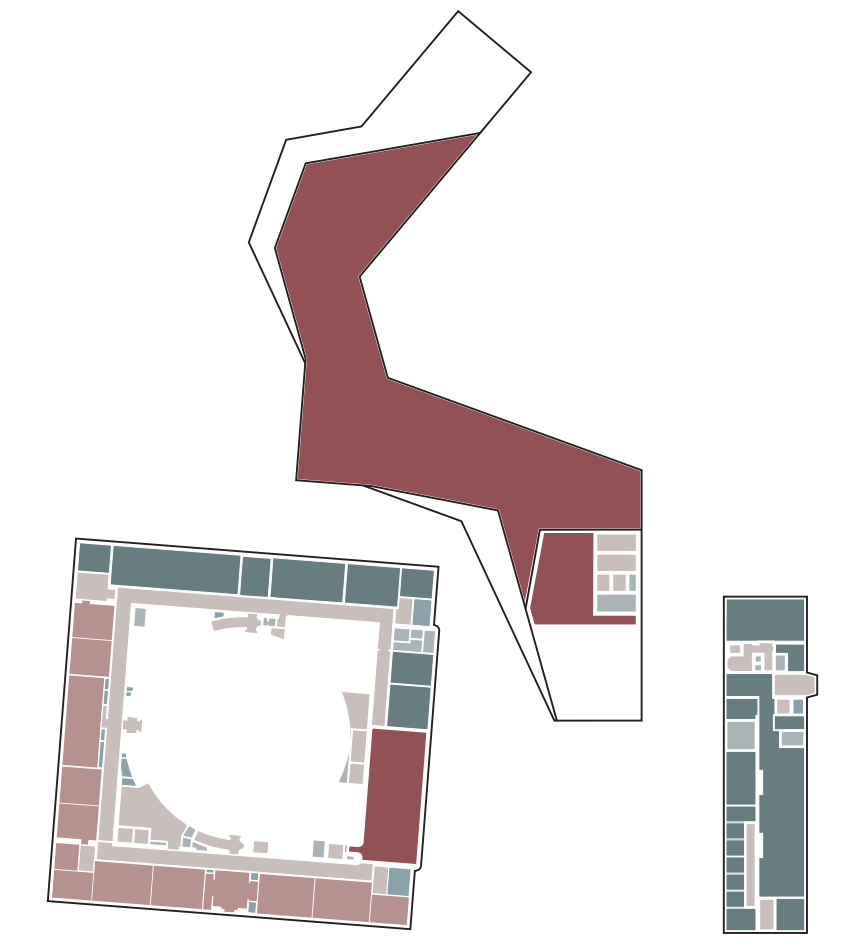
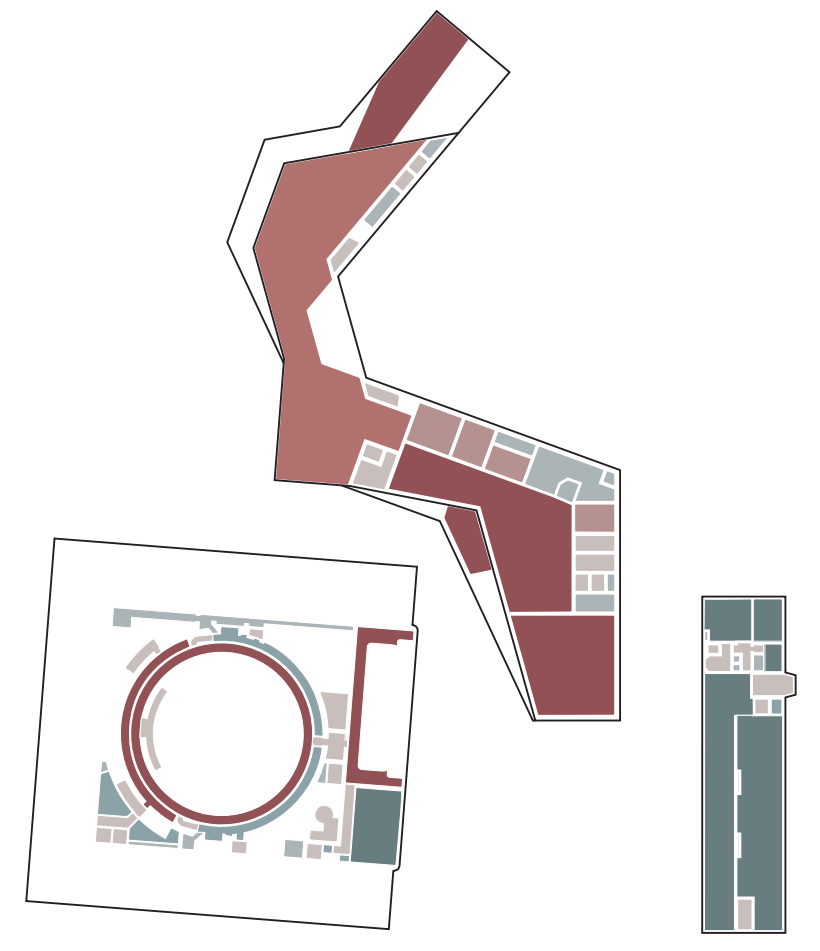
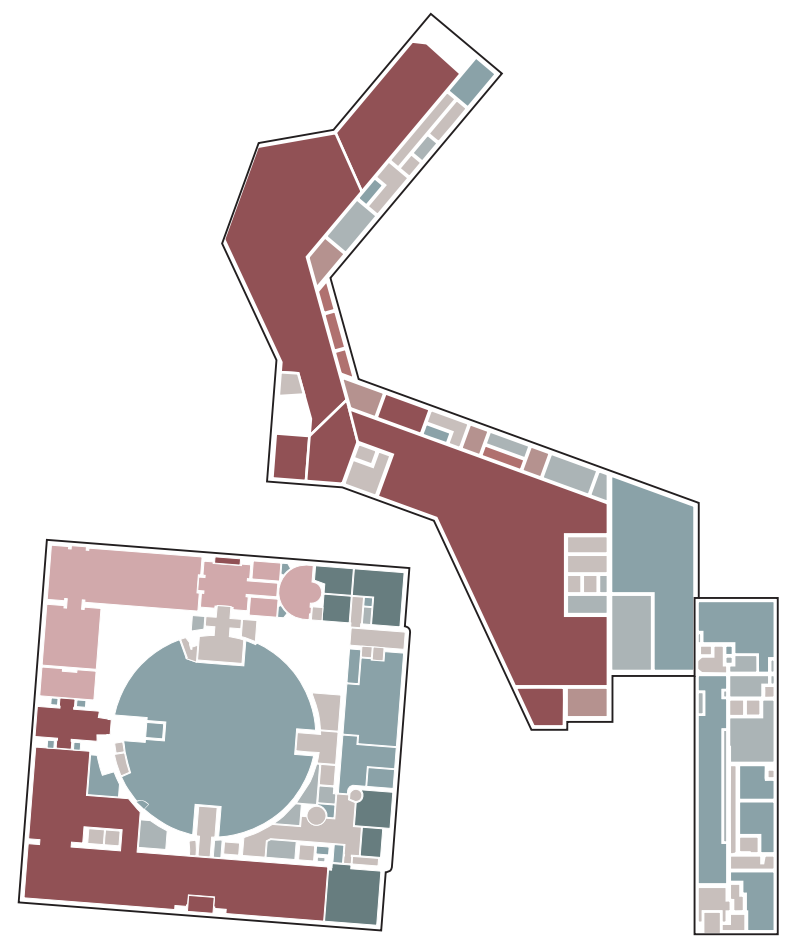
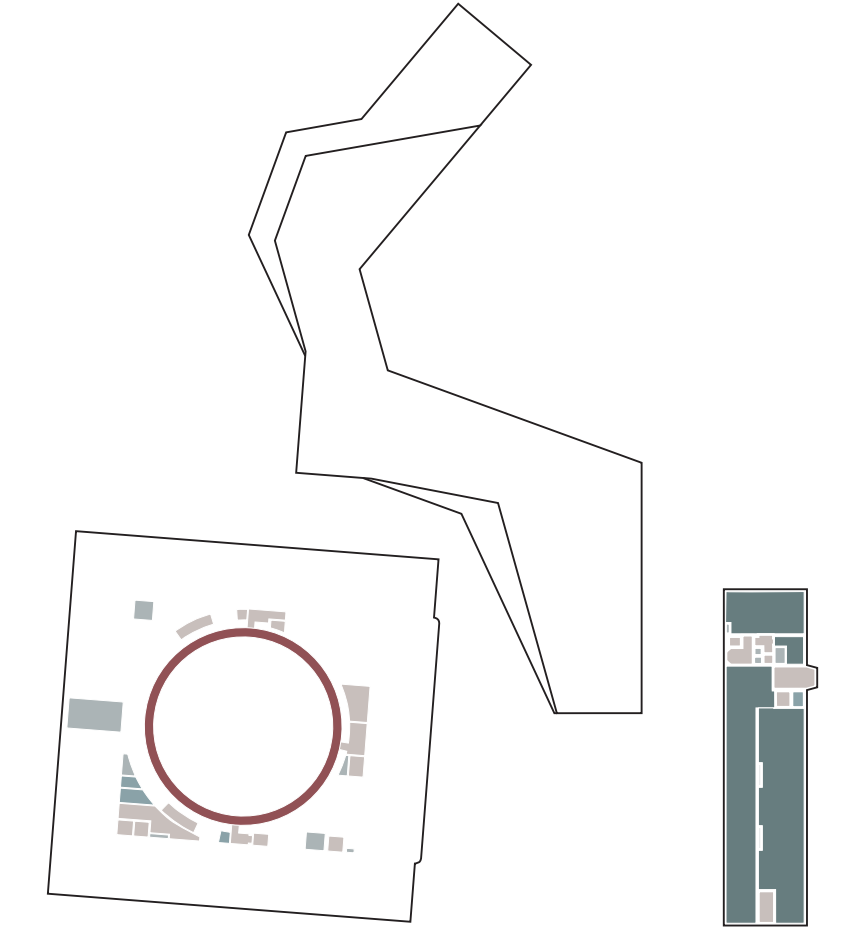
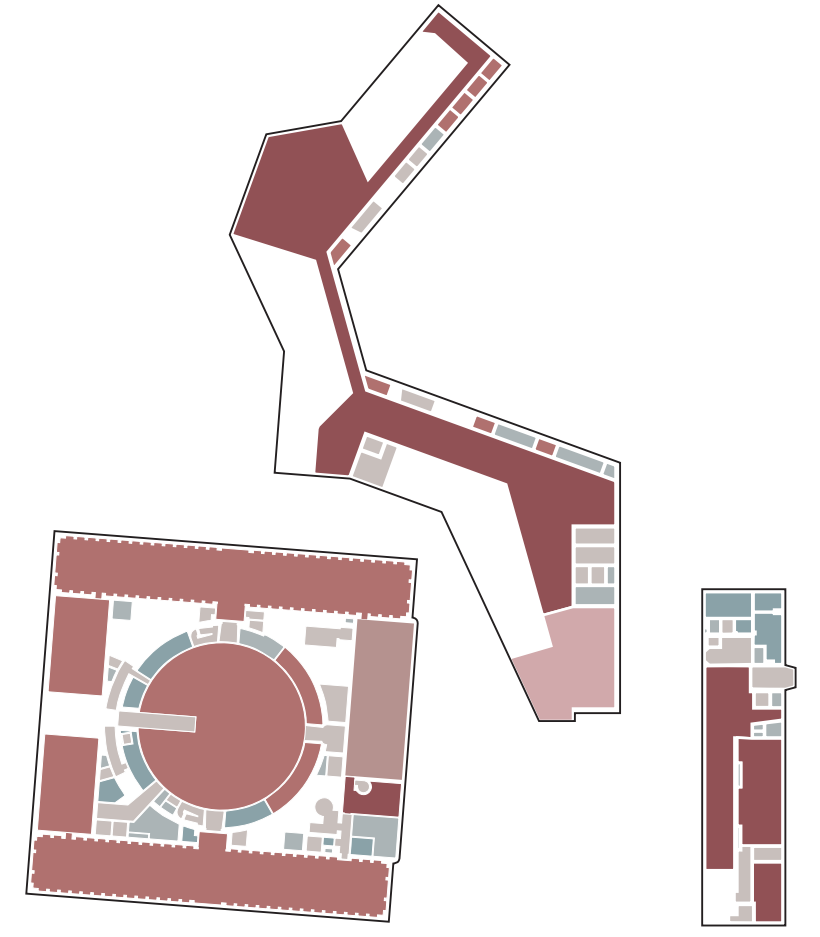
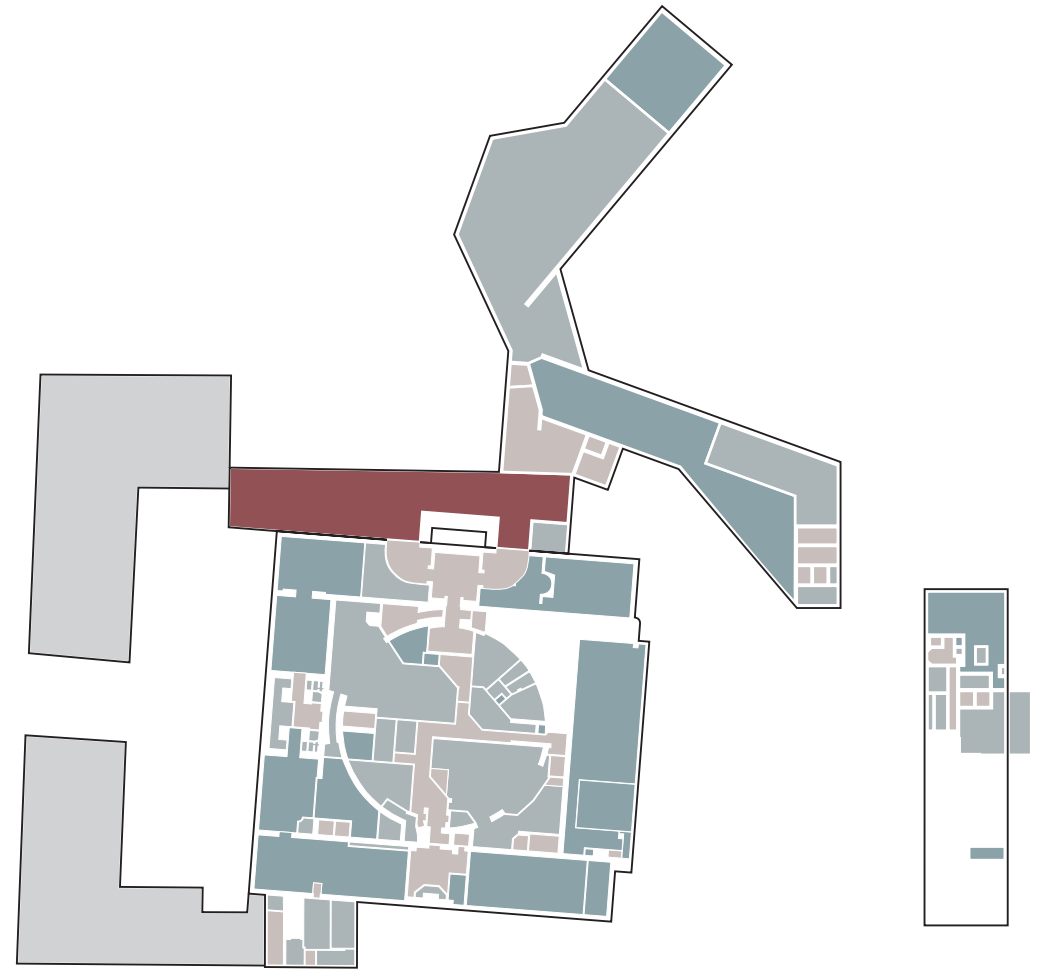


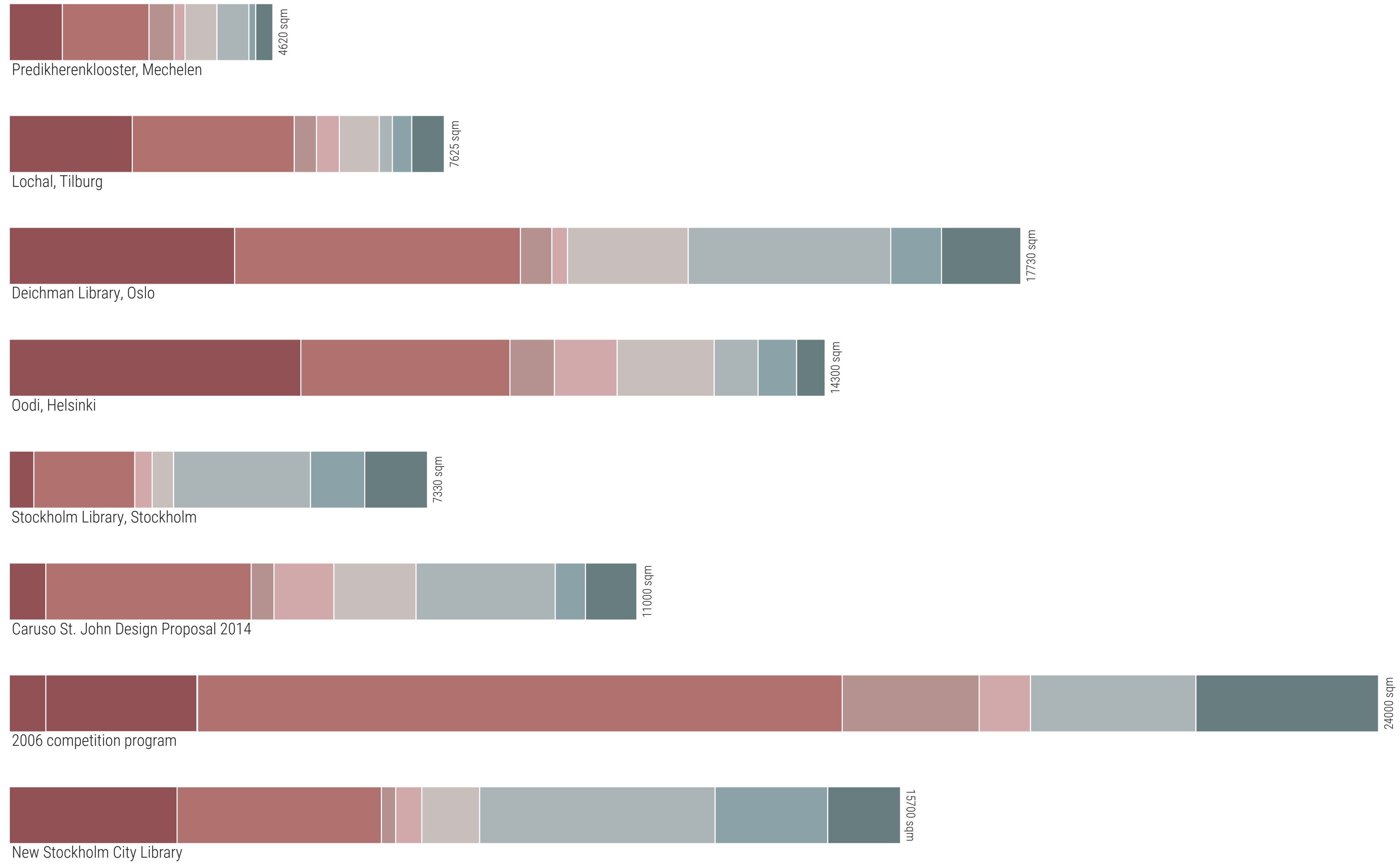
**Climate**  
Acoustics



**Climate**  
Green roofs

Program

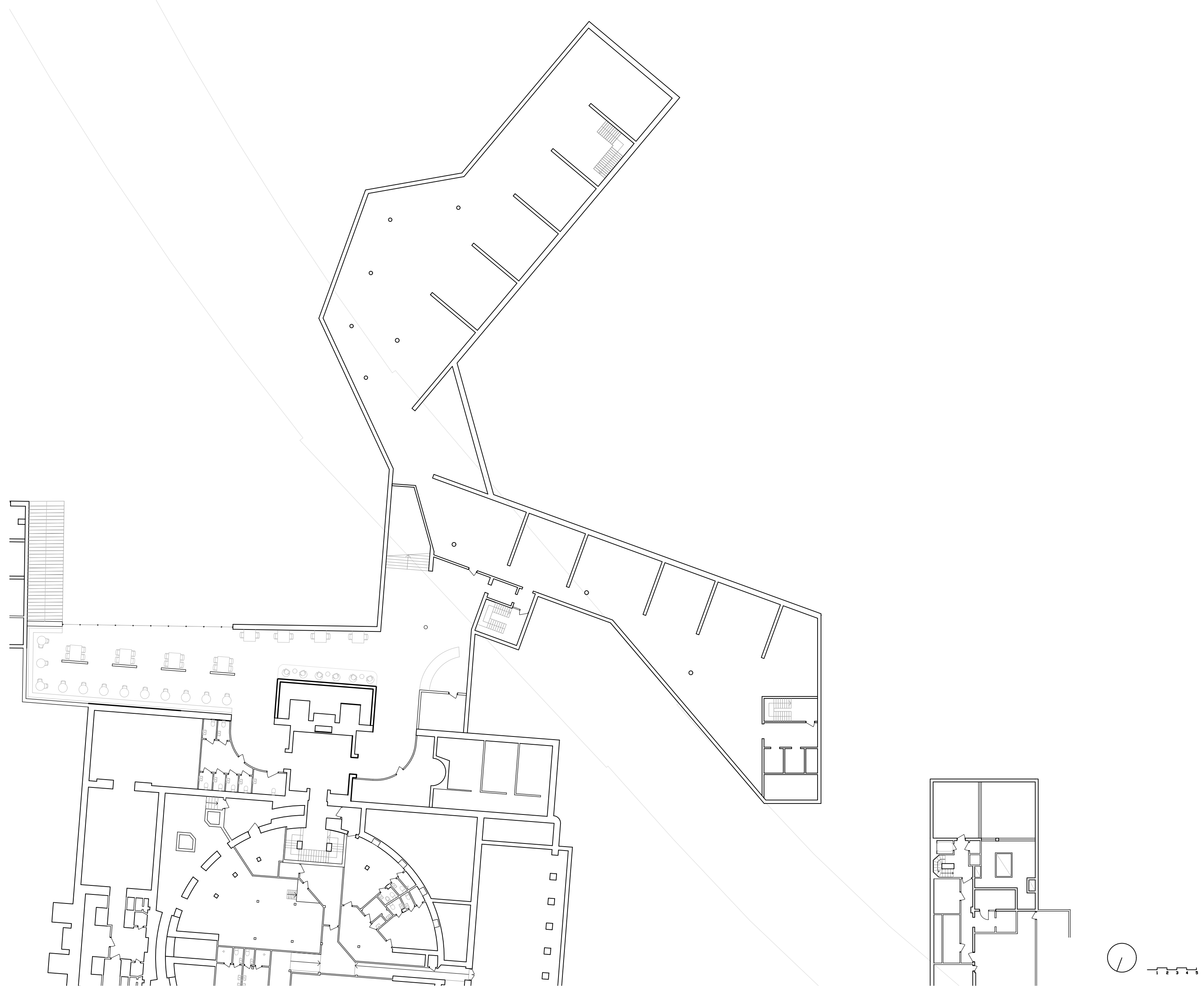




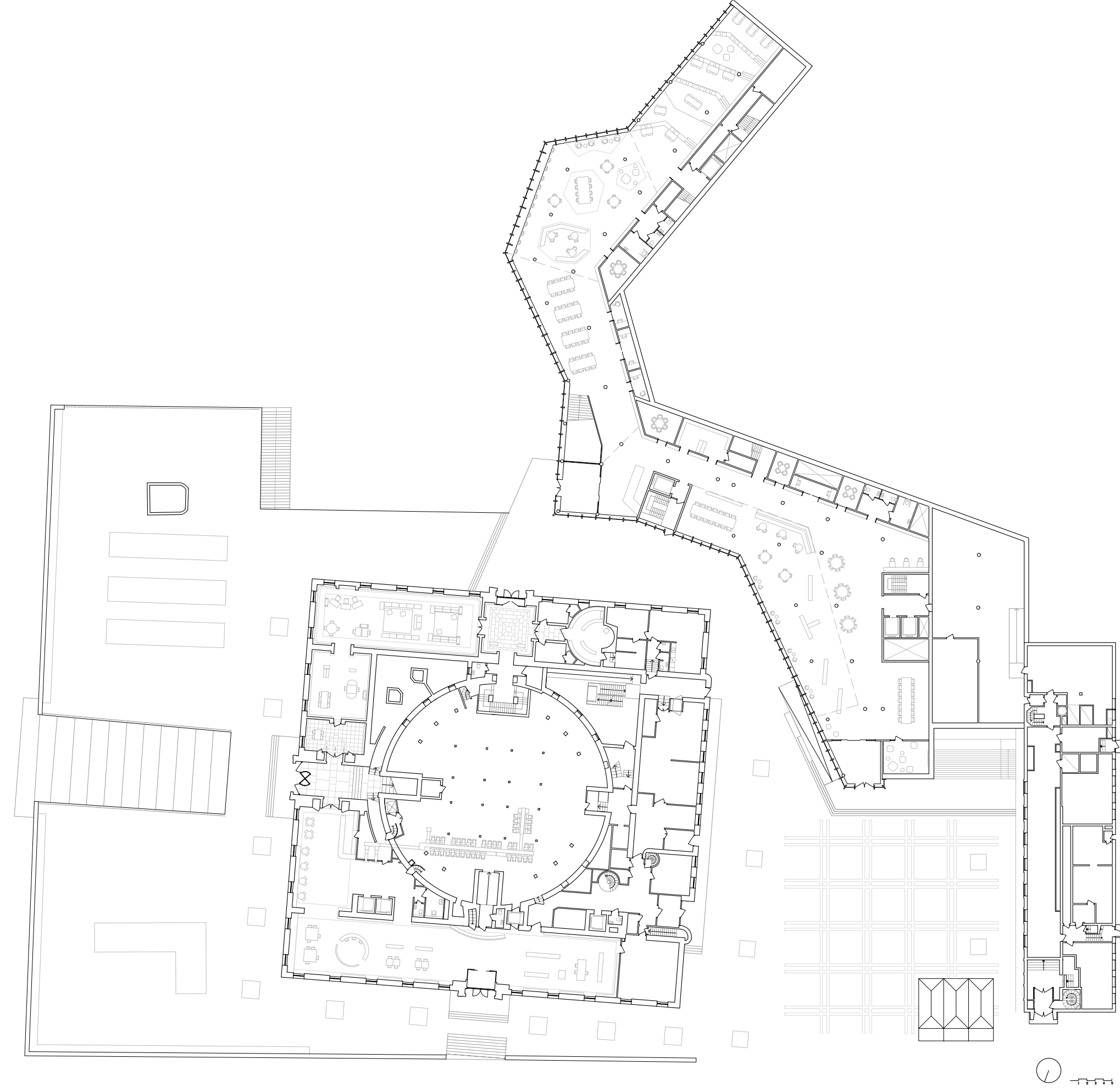
Program  
Comparing with other libraries



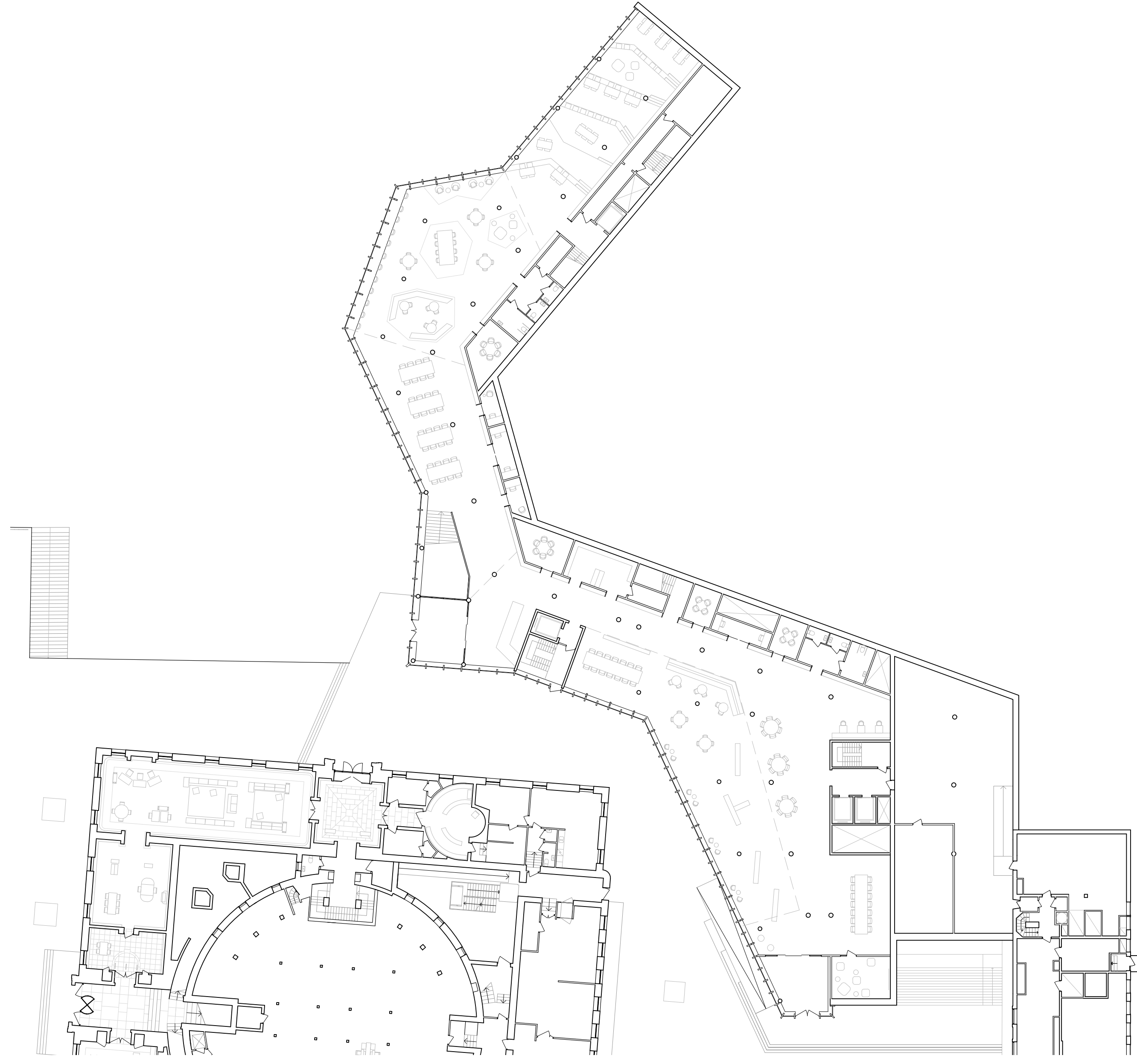
### Connection to Stockholm City Library



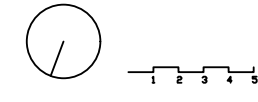




## Connection to Stockholm City Library

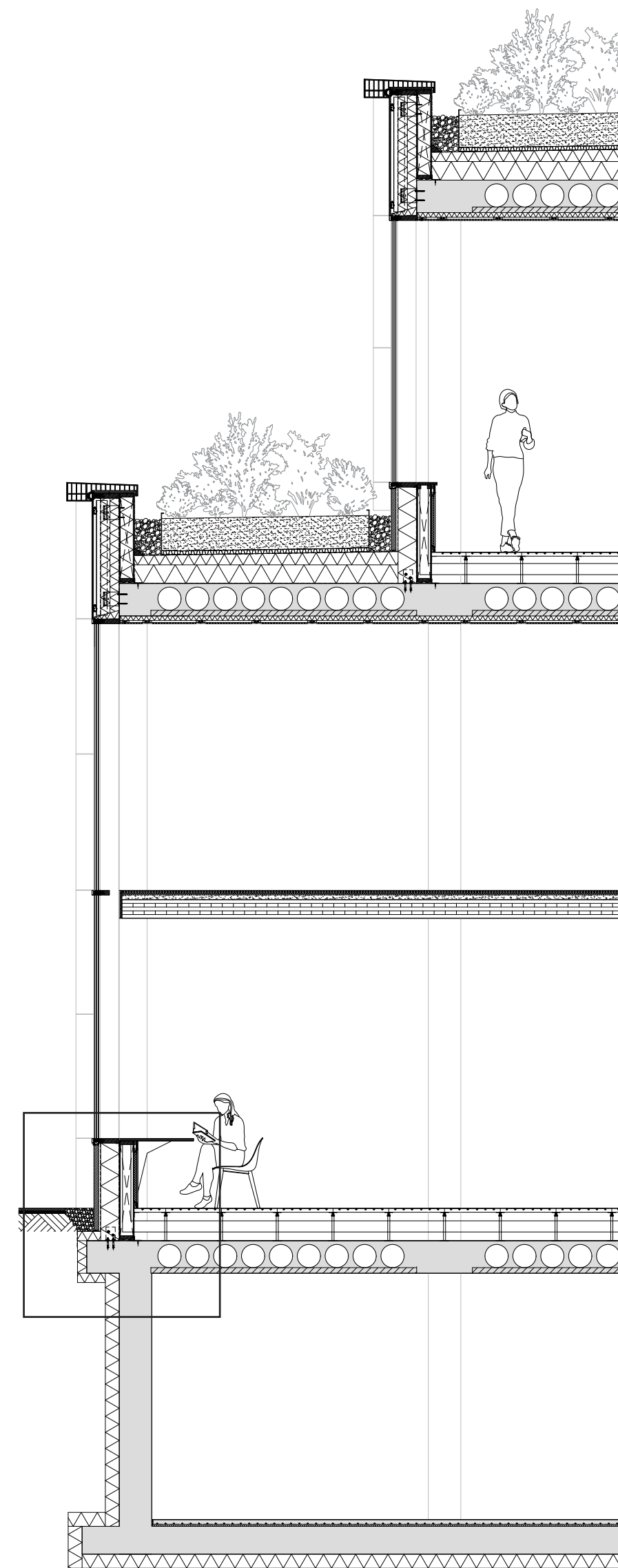
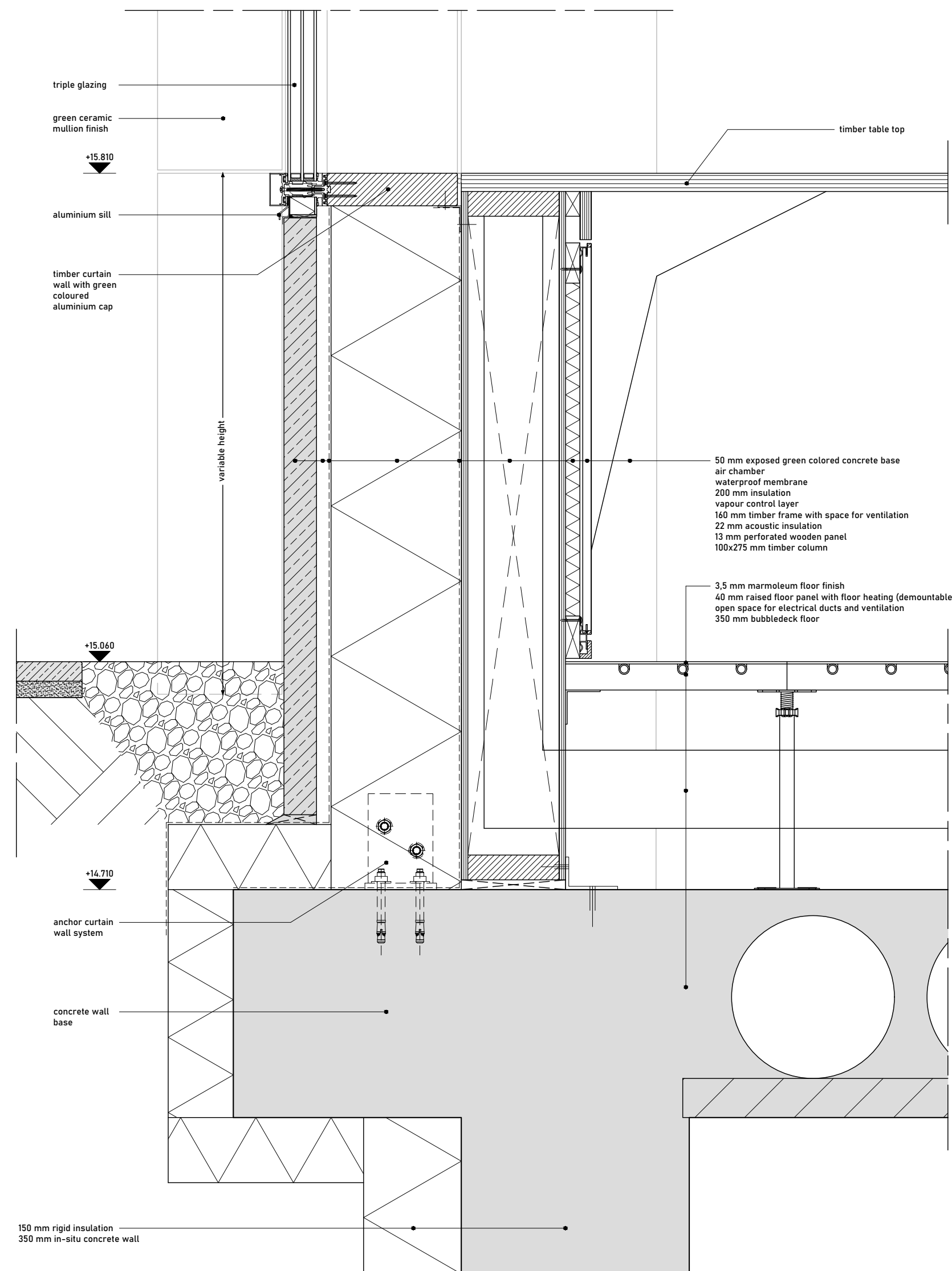


Ground floor



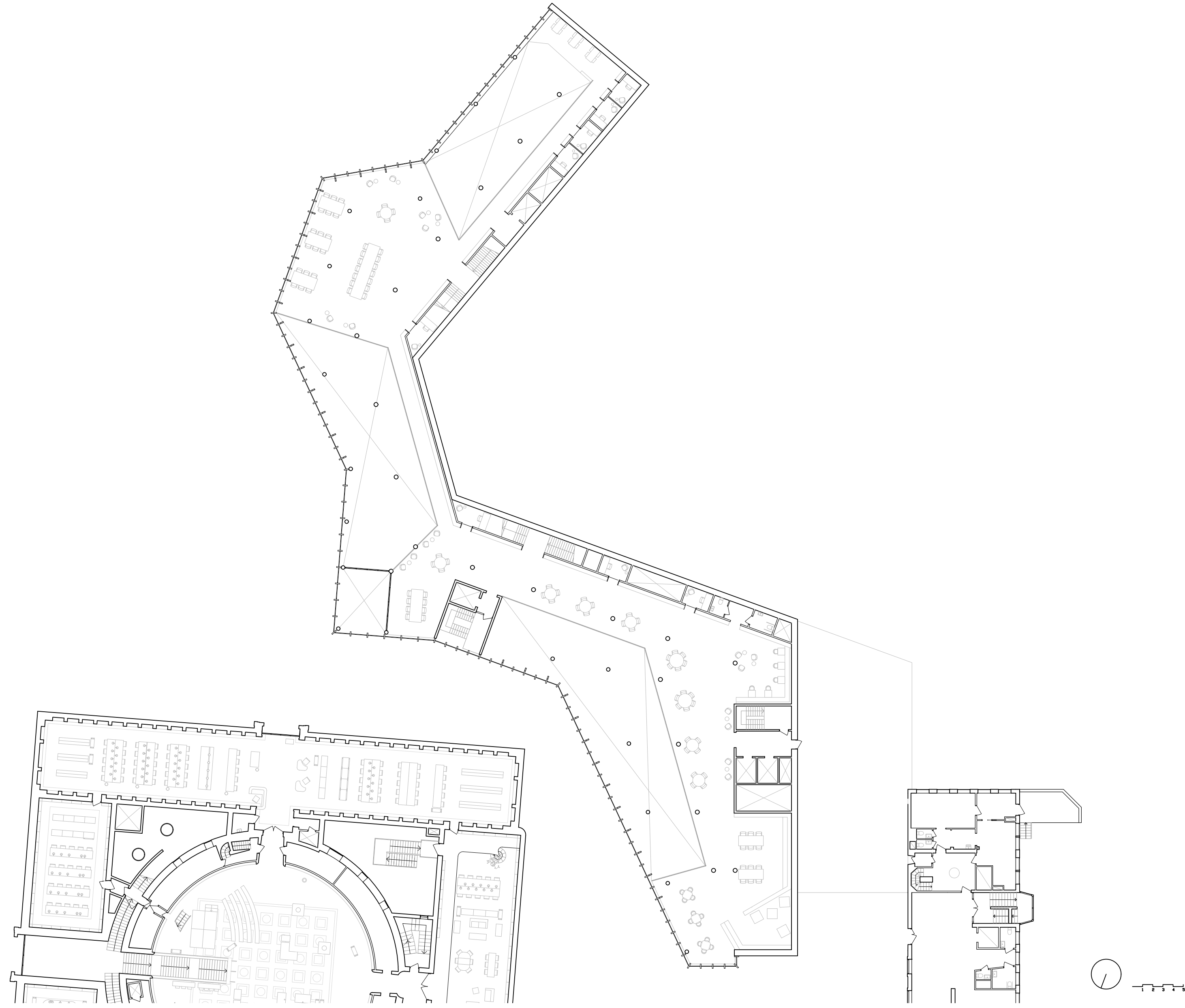






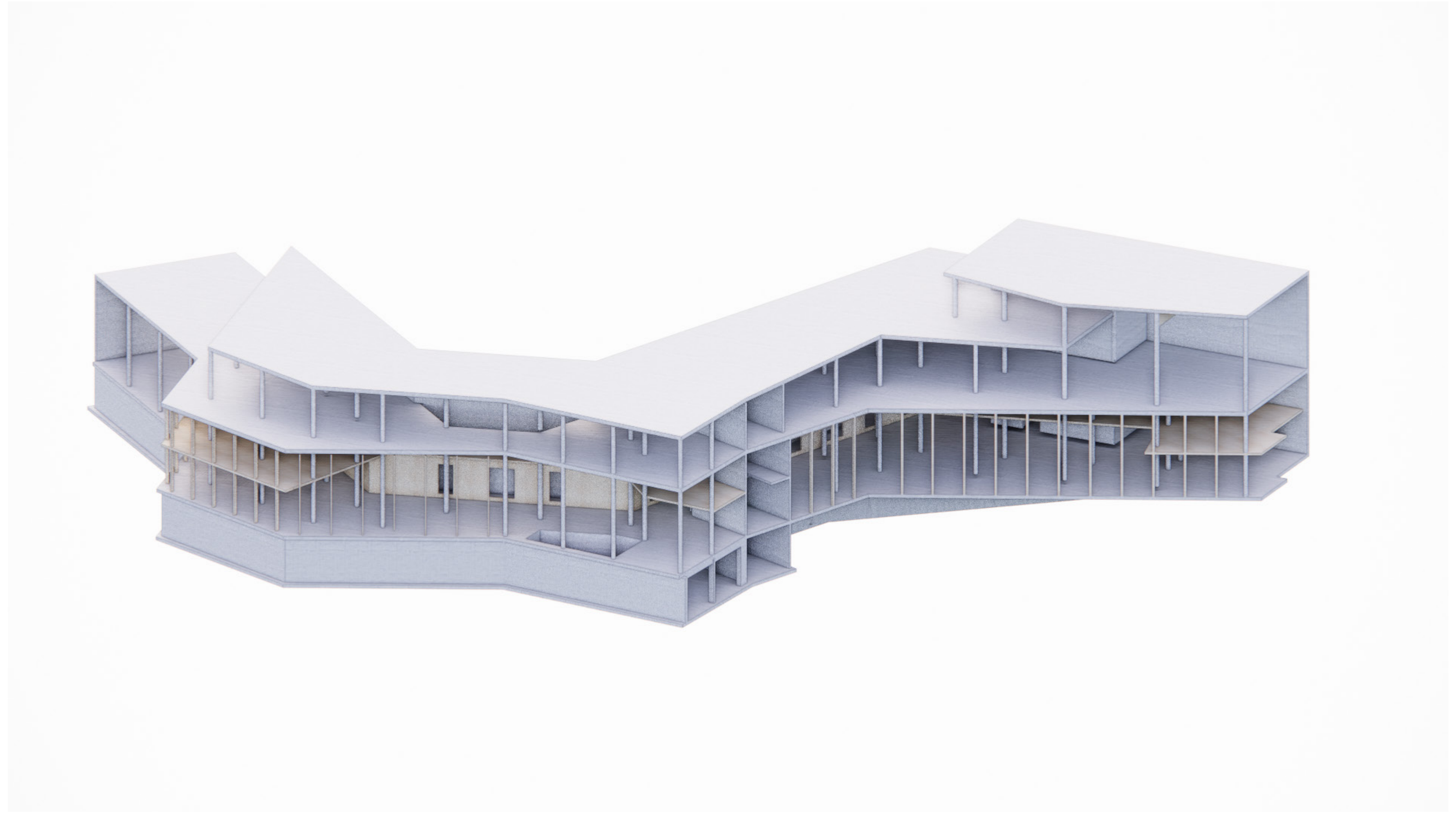
# Detail

## Connection facade and ground floor

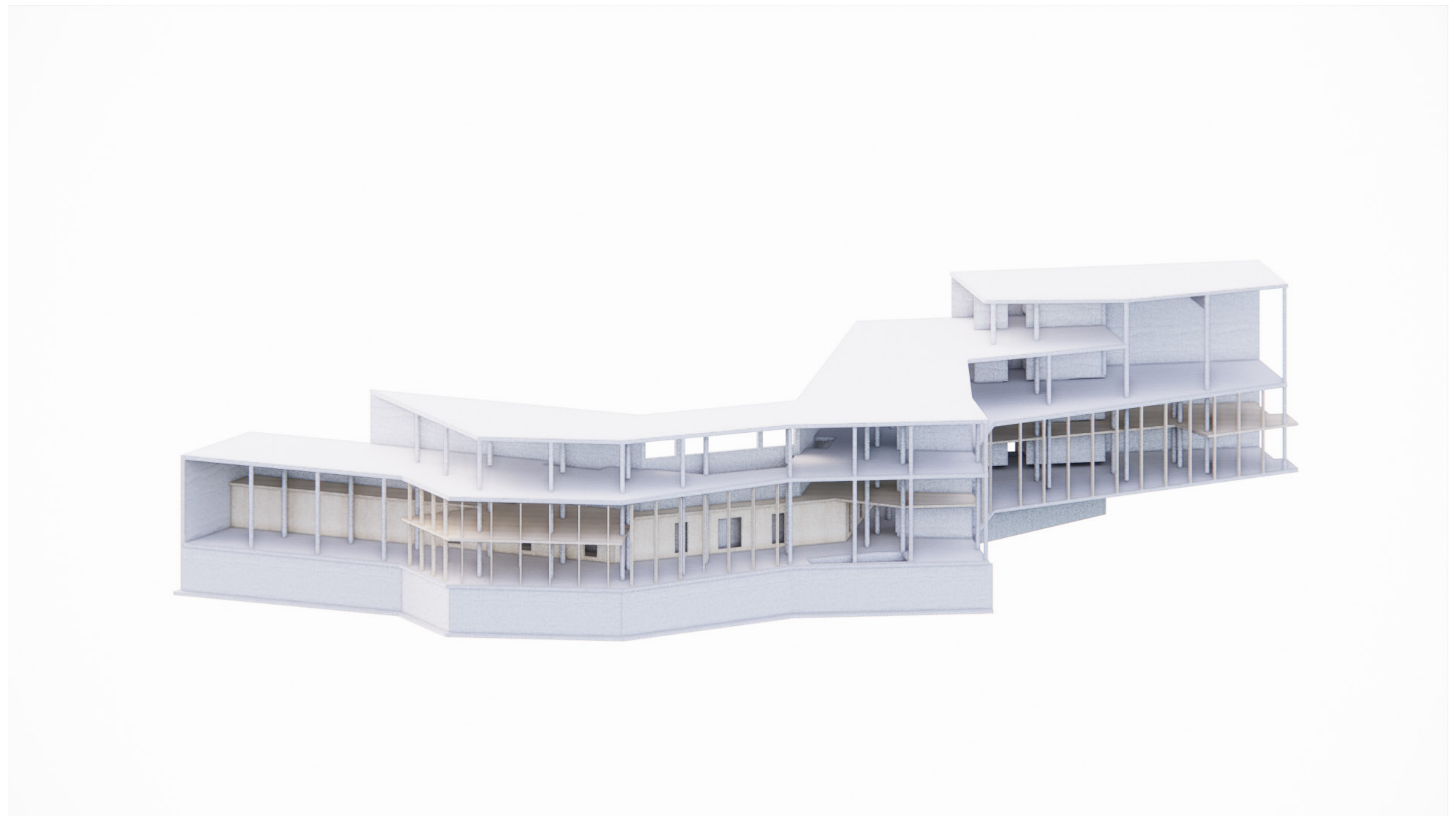


**Mezzanine**

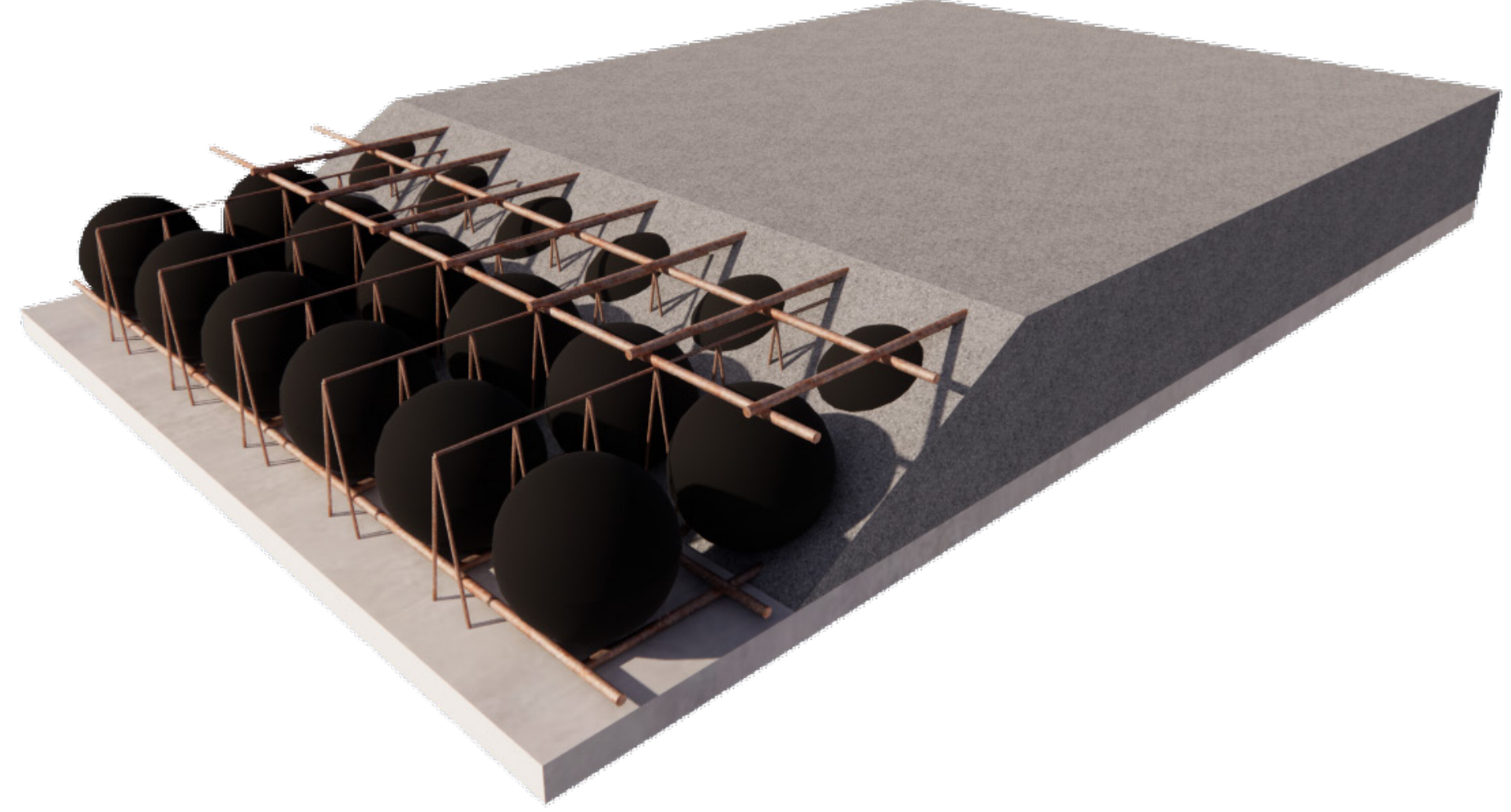


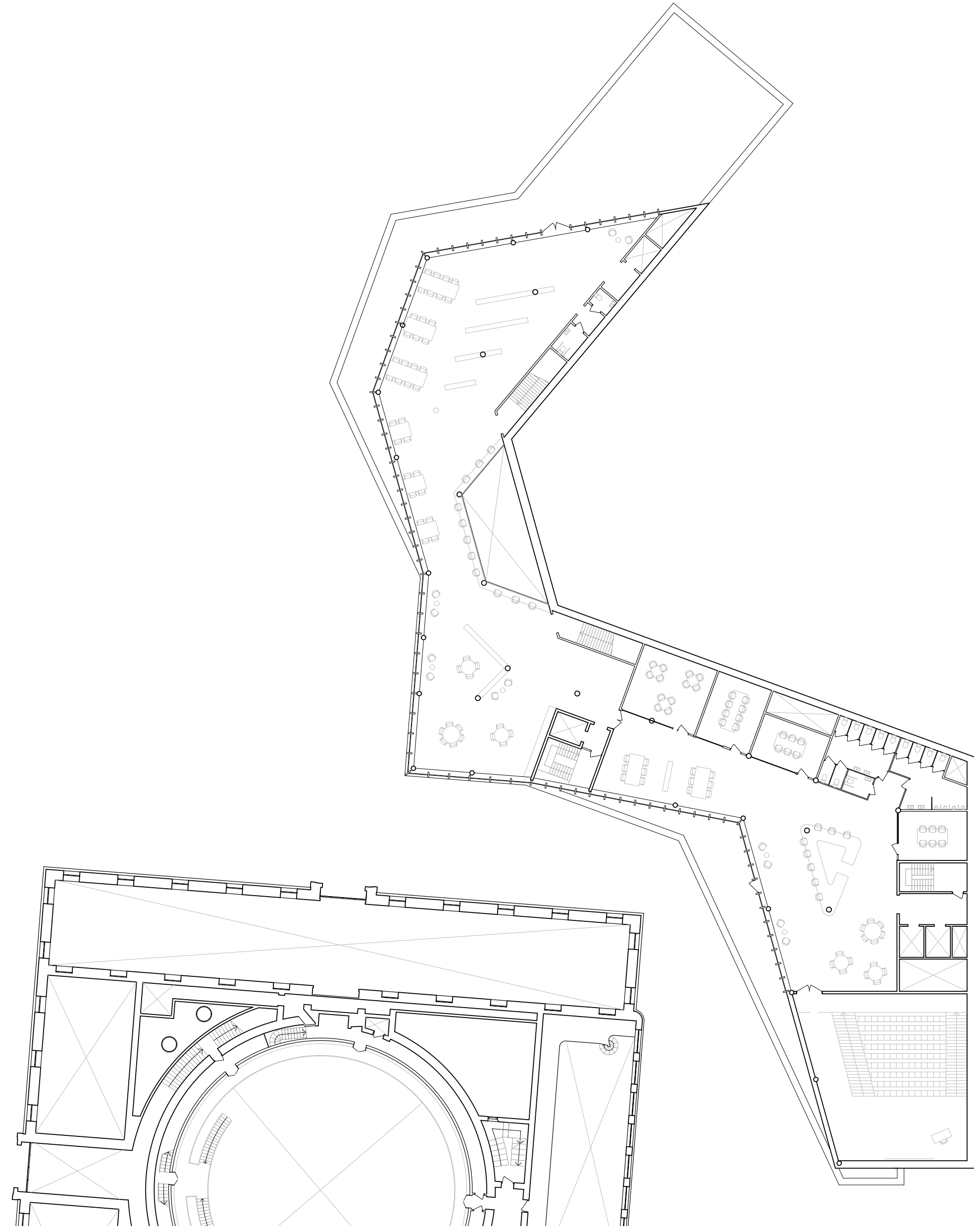


**Structure**

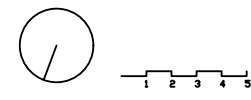
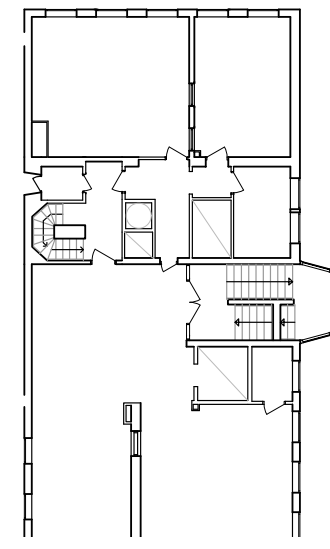


Structure

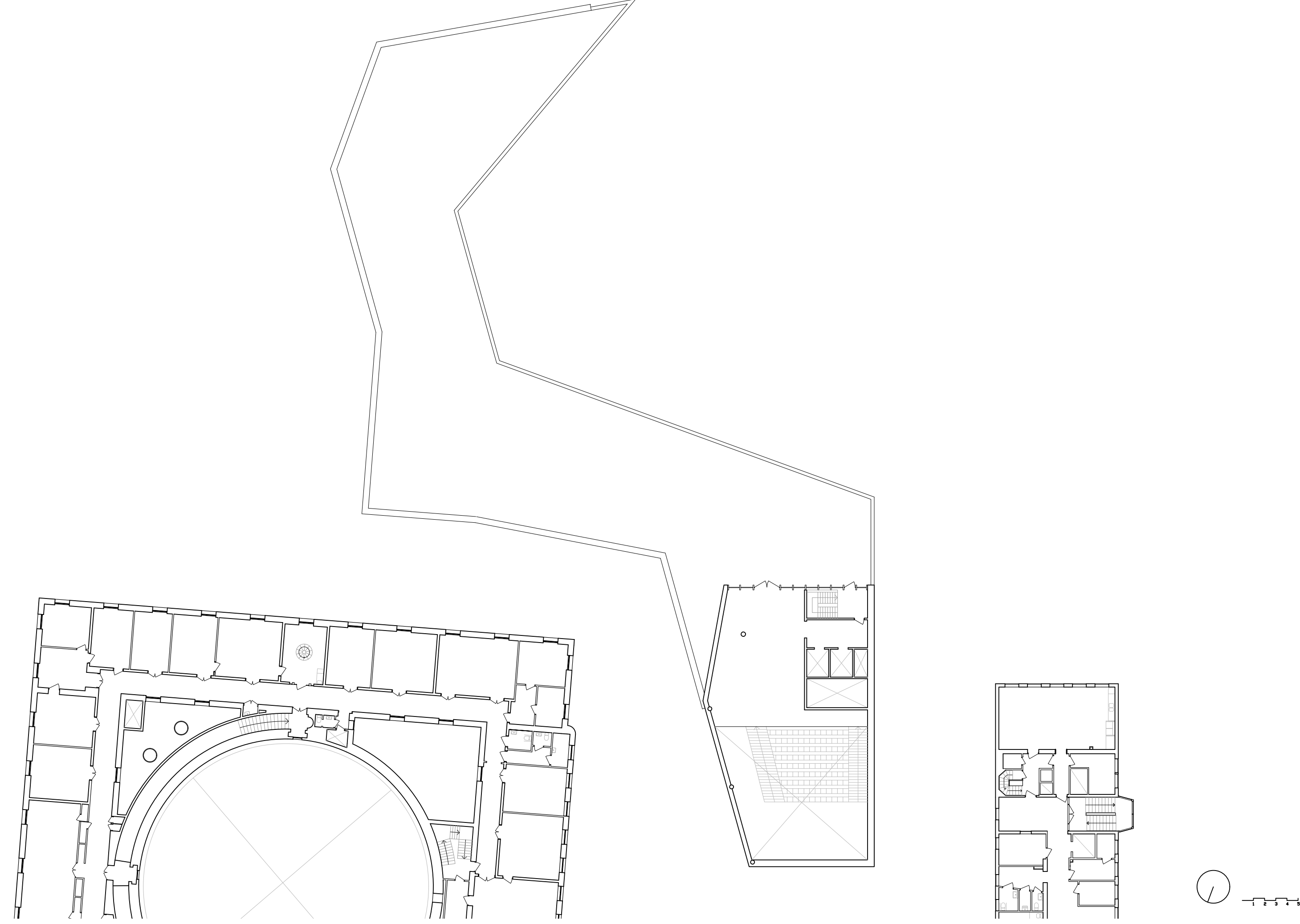




1st floor



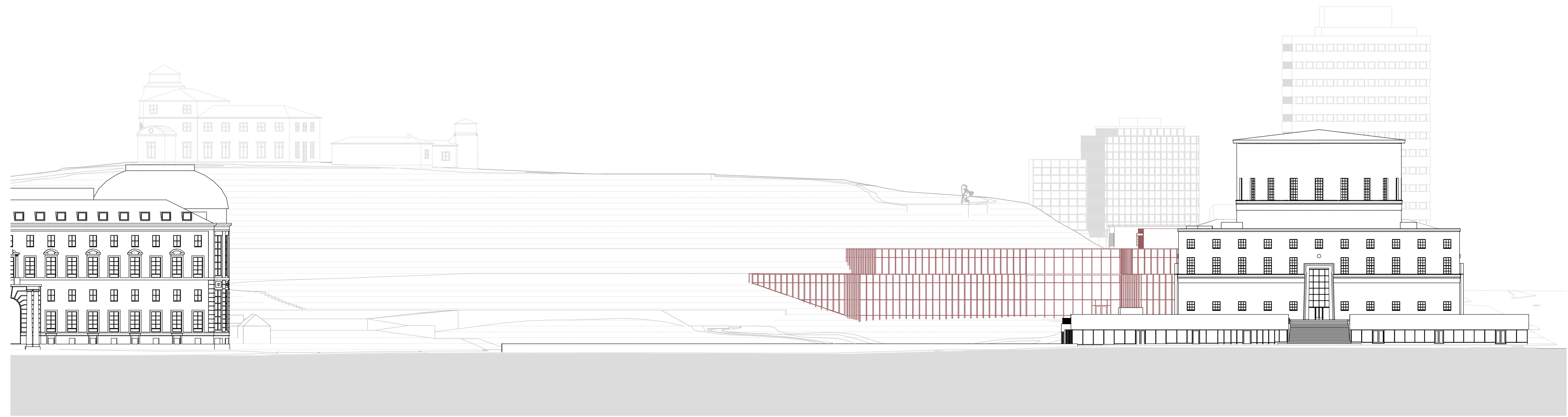




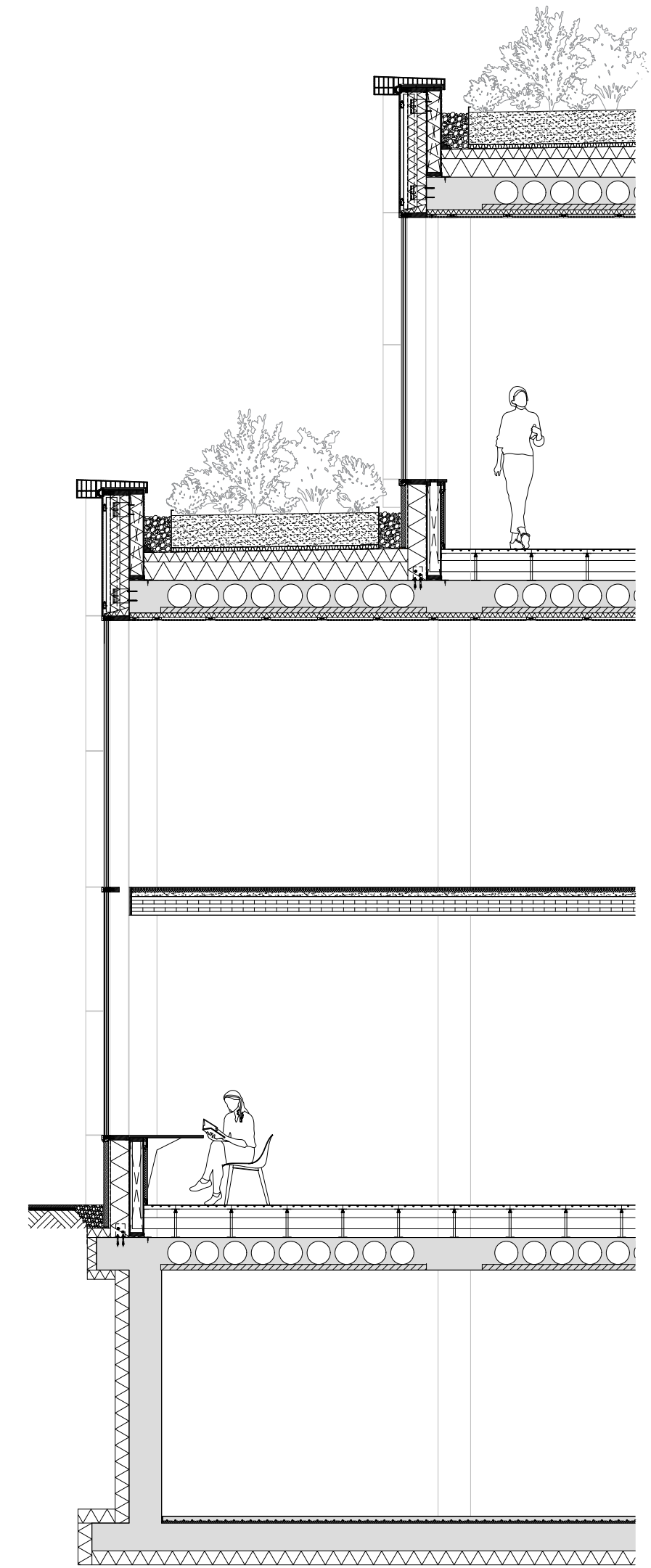
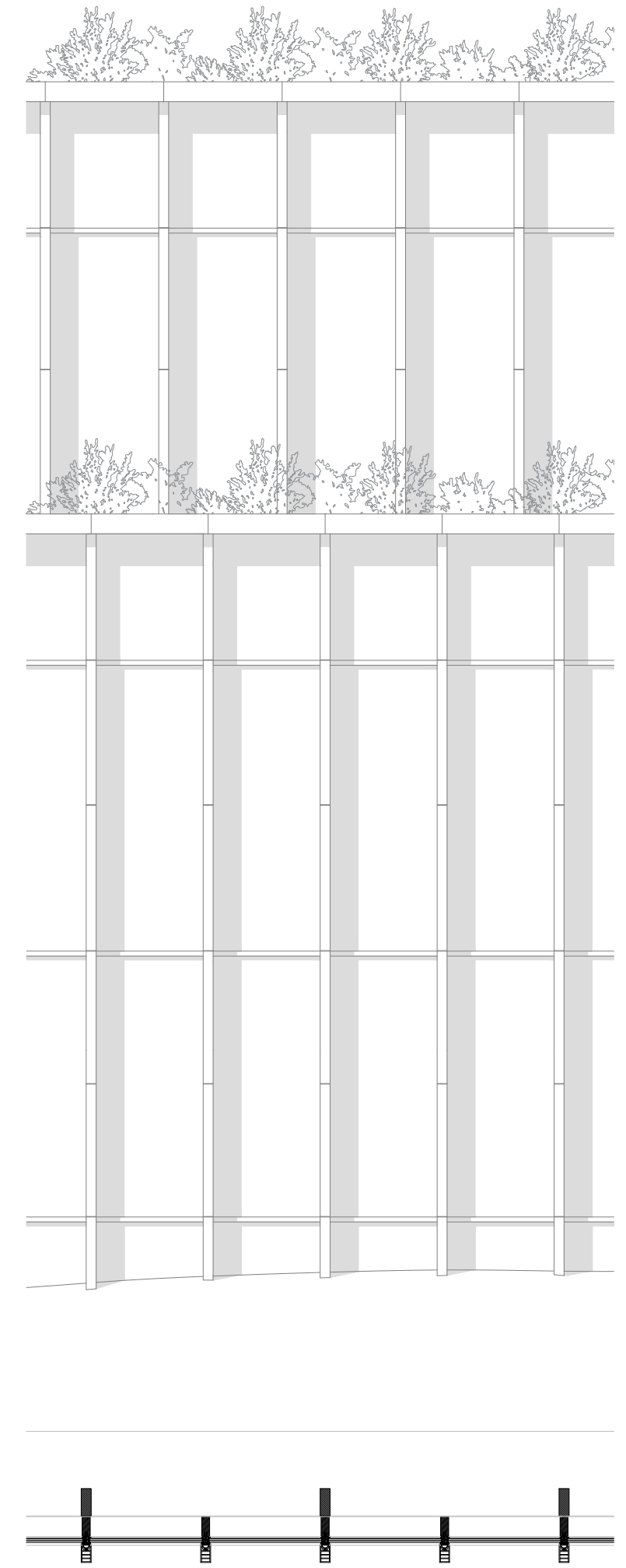
2nd floor



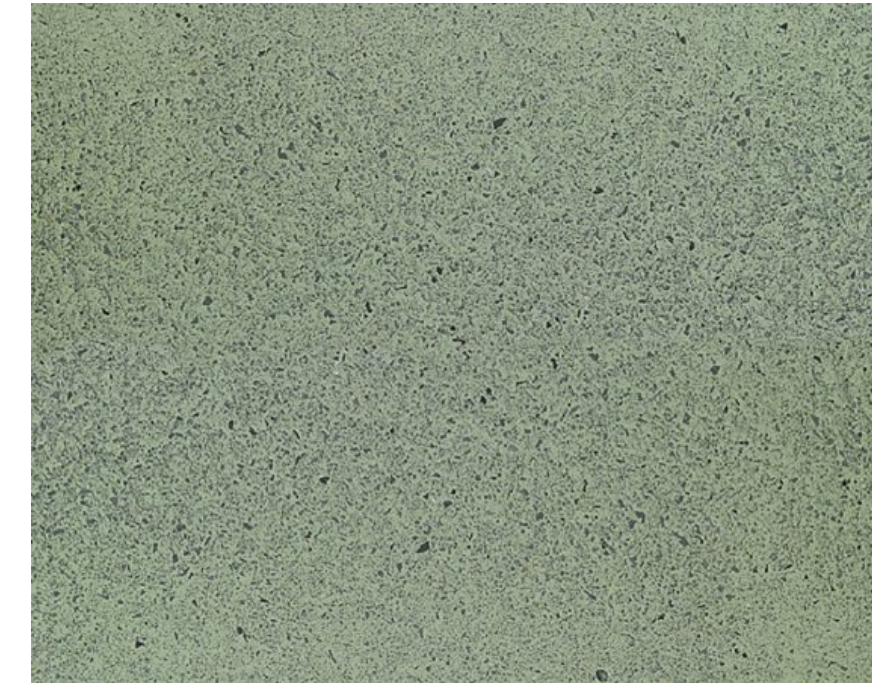
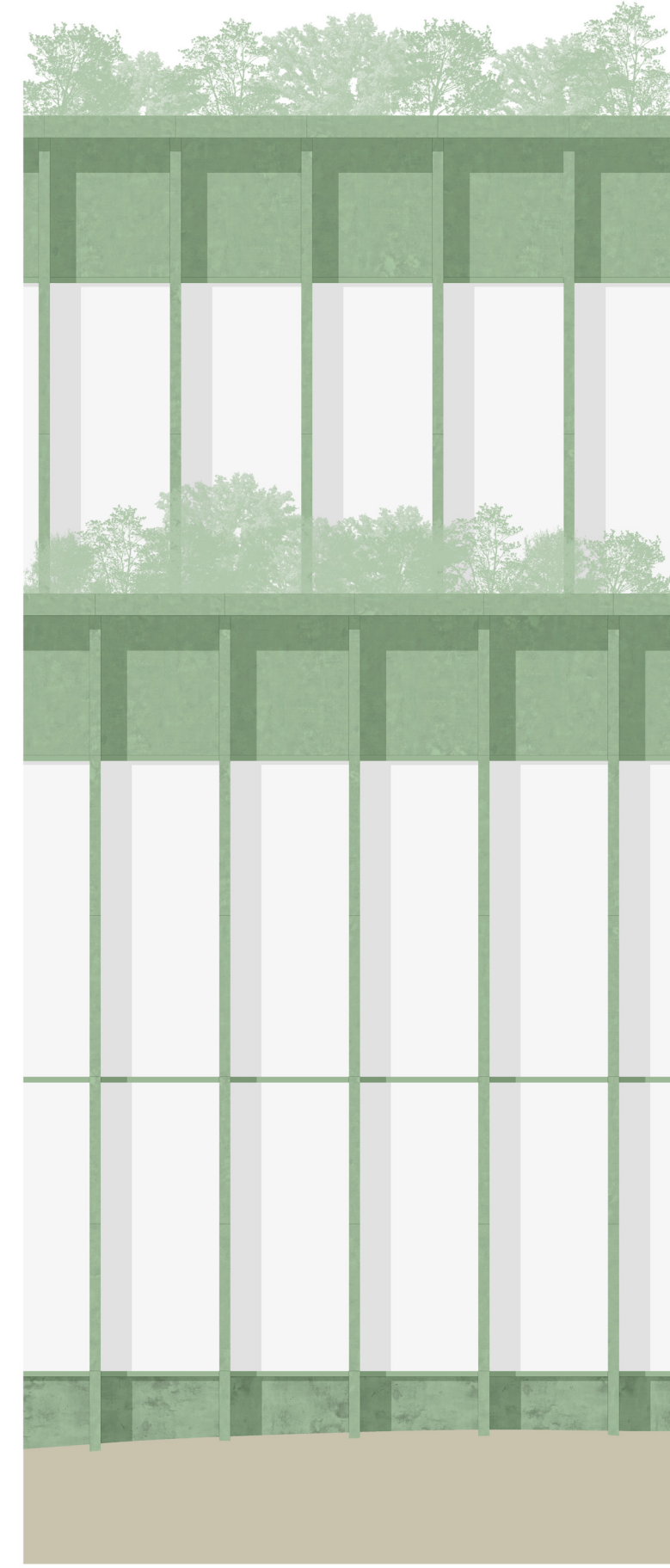
**North elevation**  
Street side



**East elevation**  
Park side



Fragment  
text



Green coloured concrete



Green coloured ceramics, matt

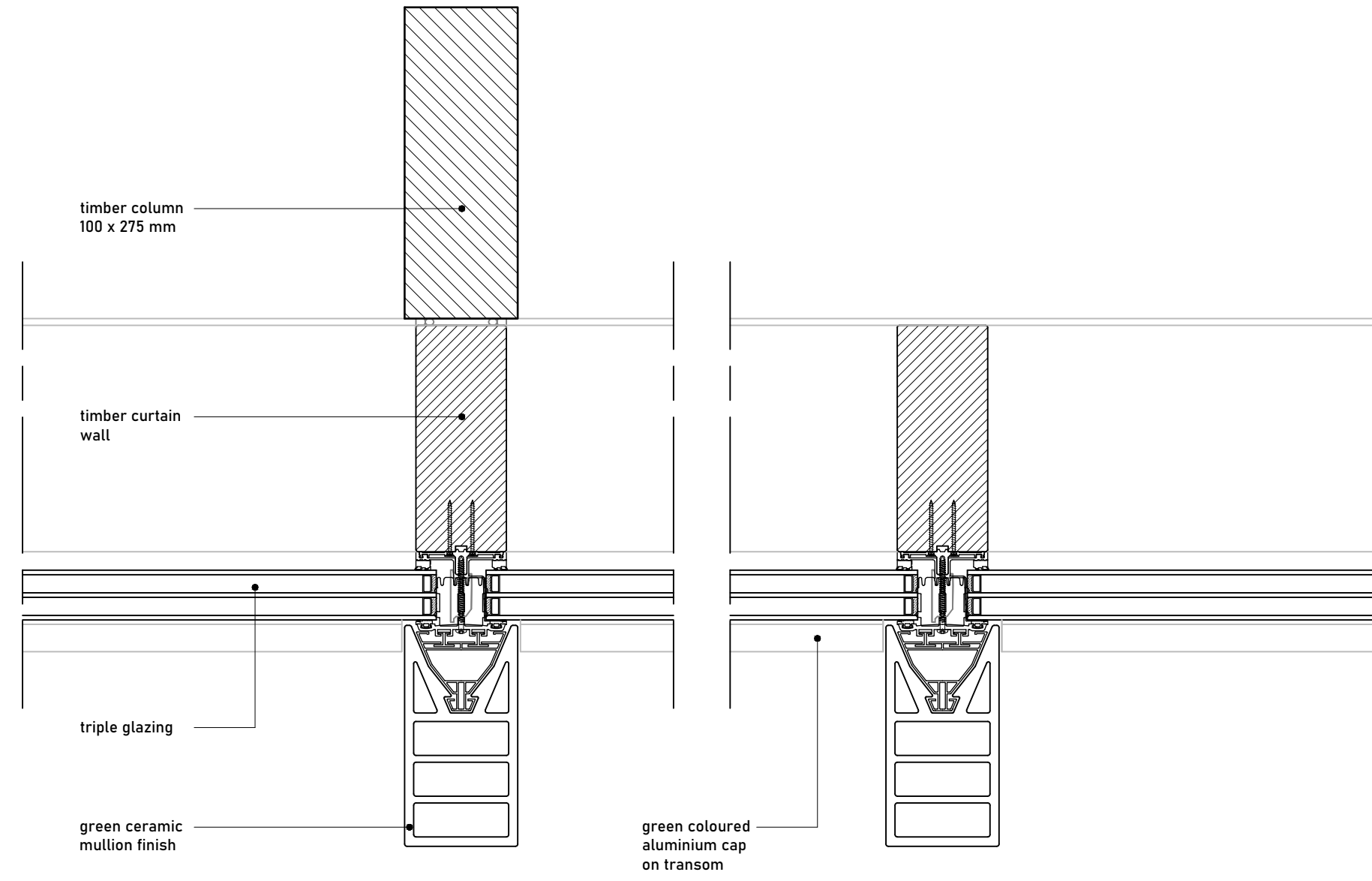
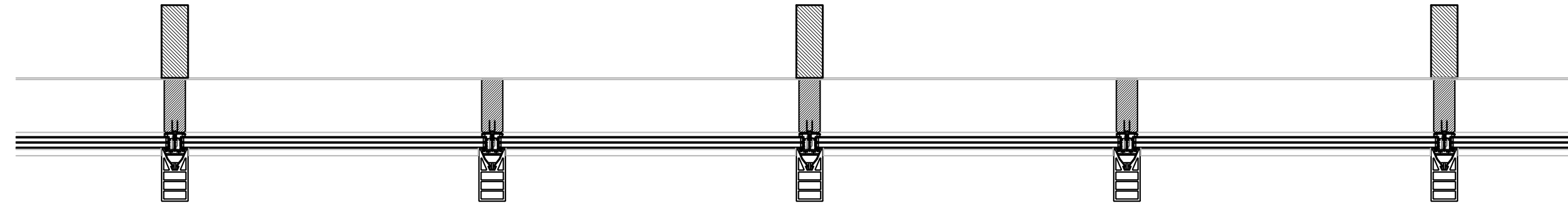


Green stucco

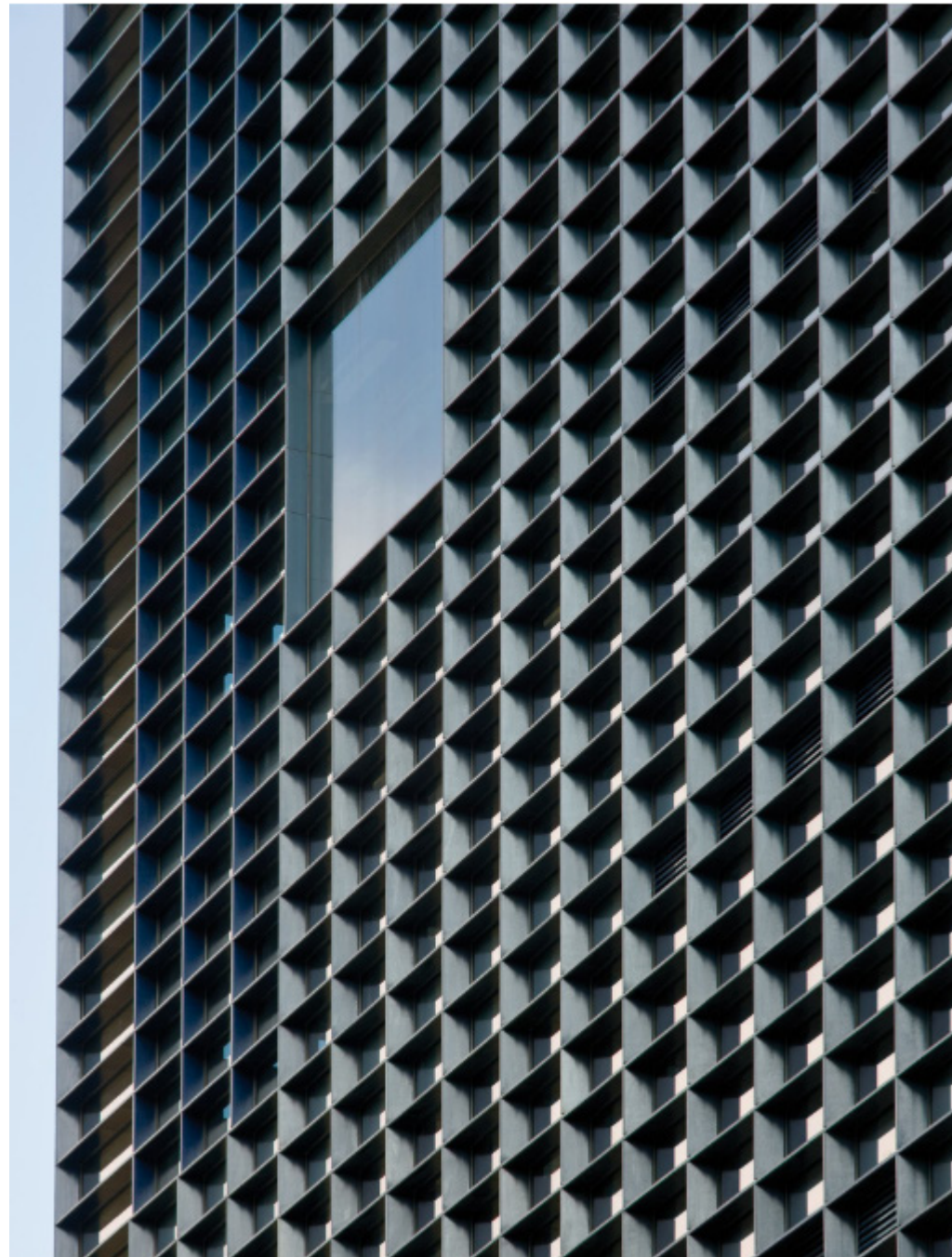
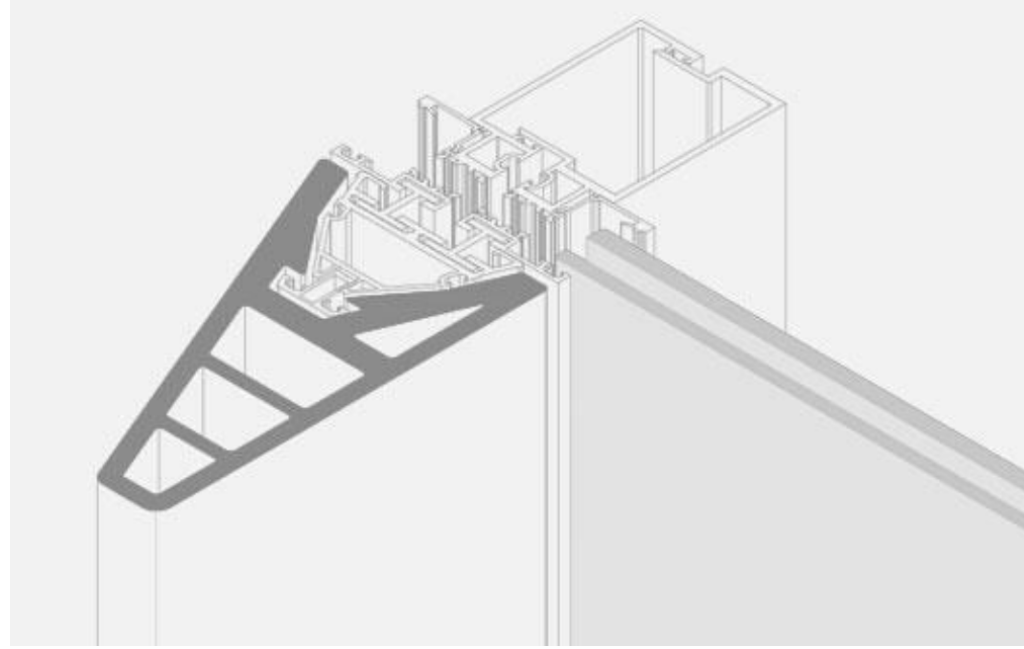
**Fragment**  
Materials



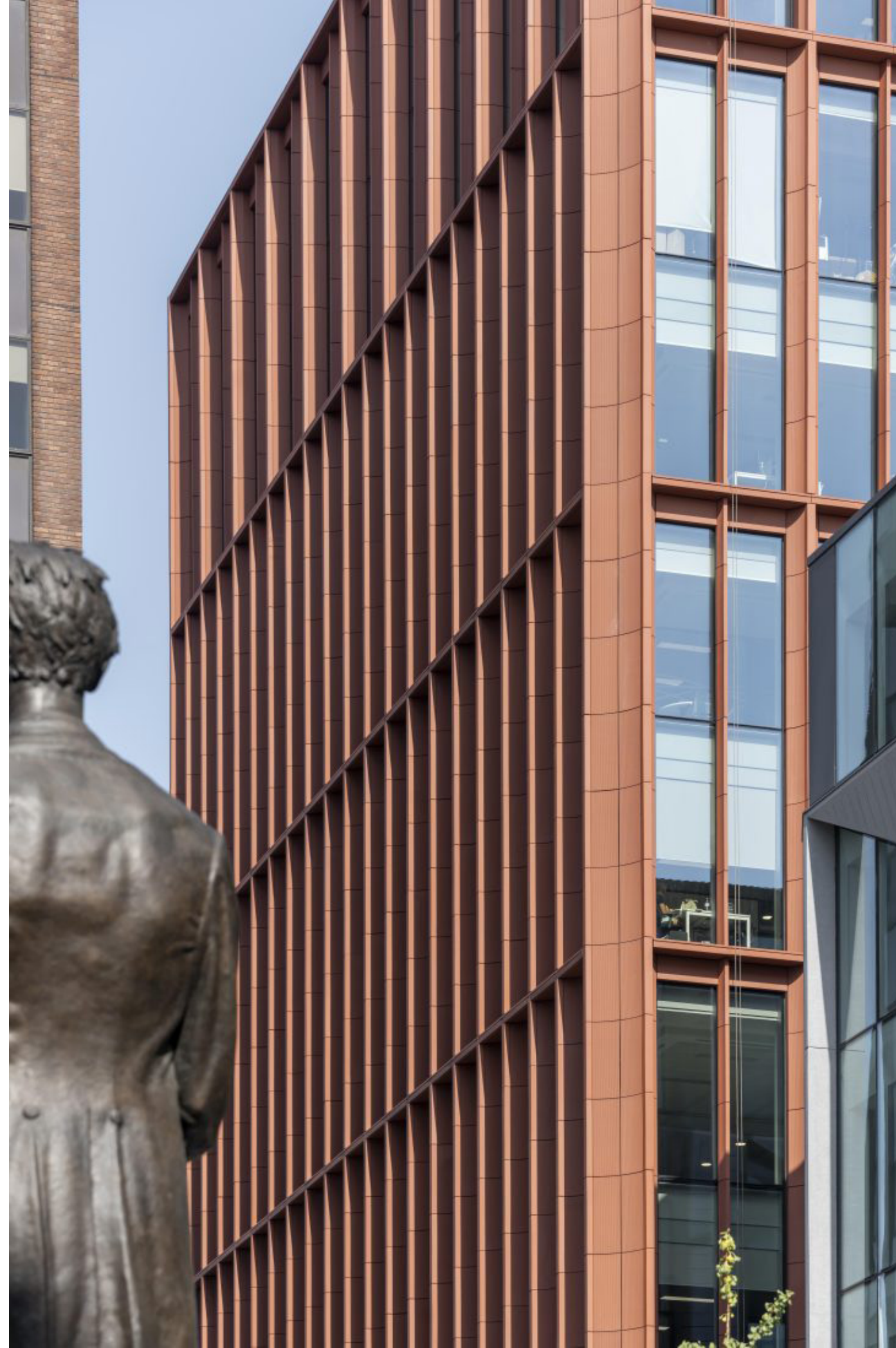
**Inspiration**  
'Stenstad', with variety of colours



**Detail**  
Horizontal detail curtain wall



Aragonia Complex, Spain

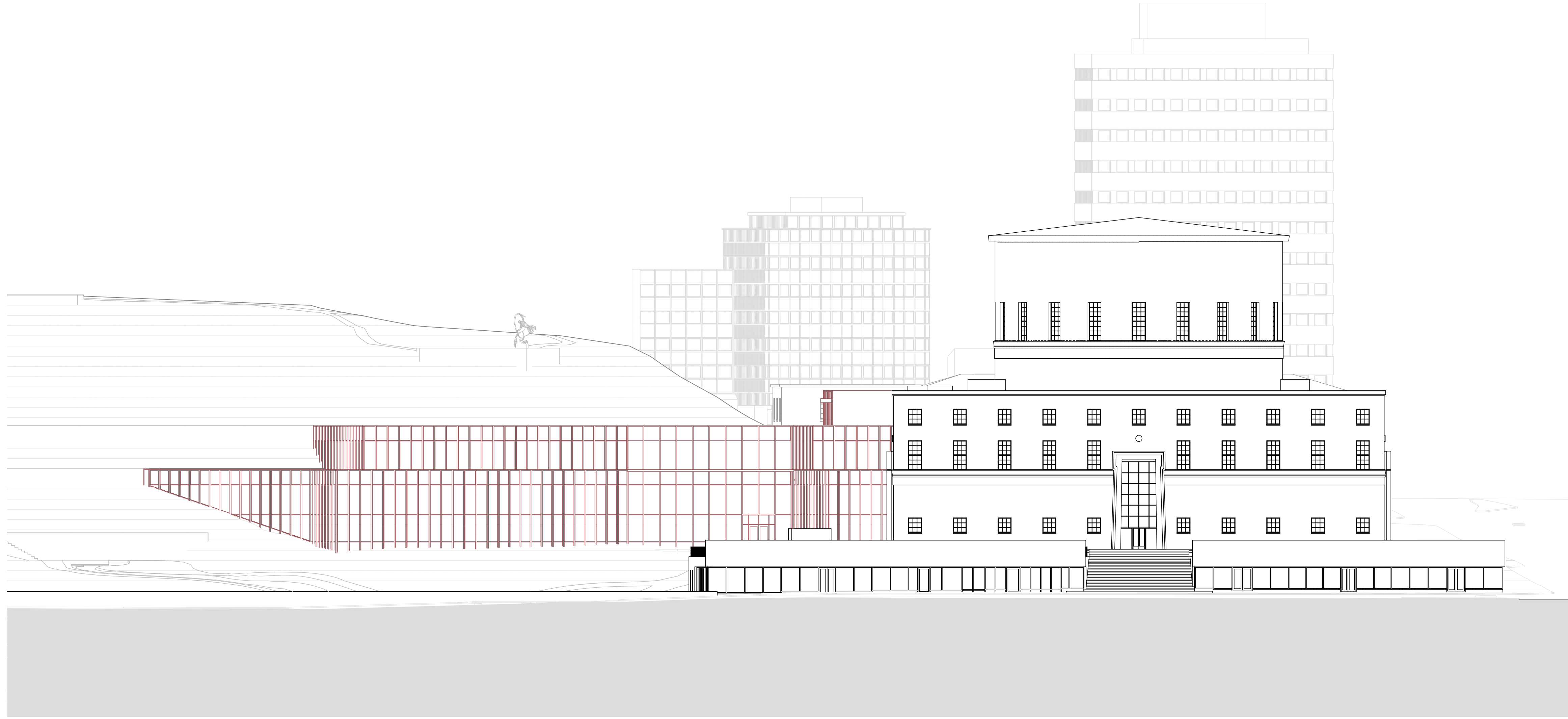


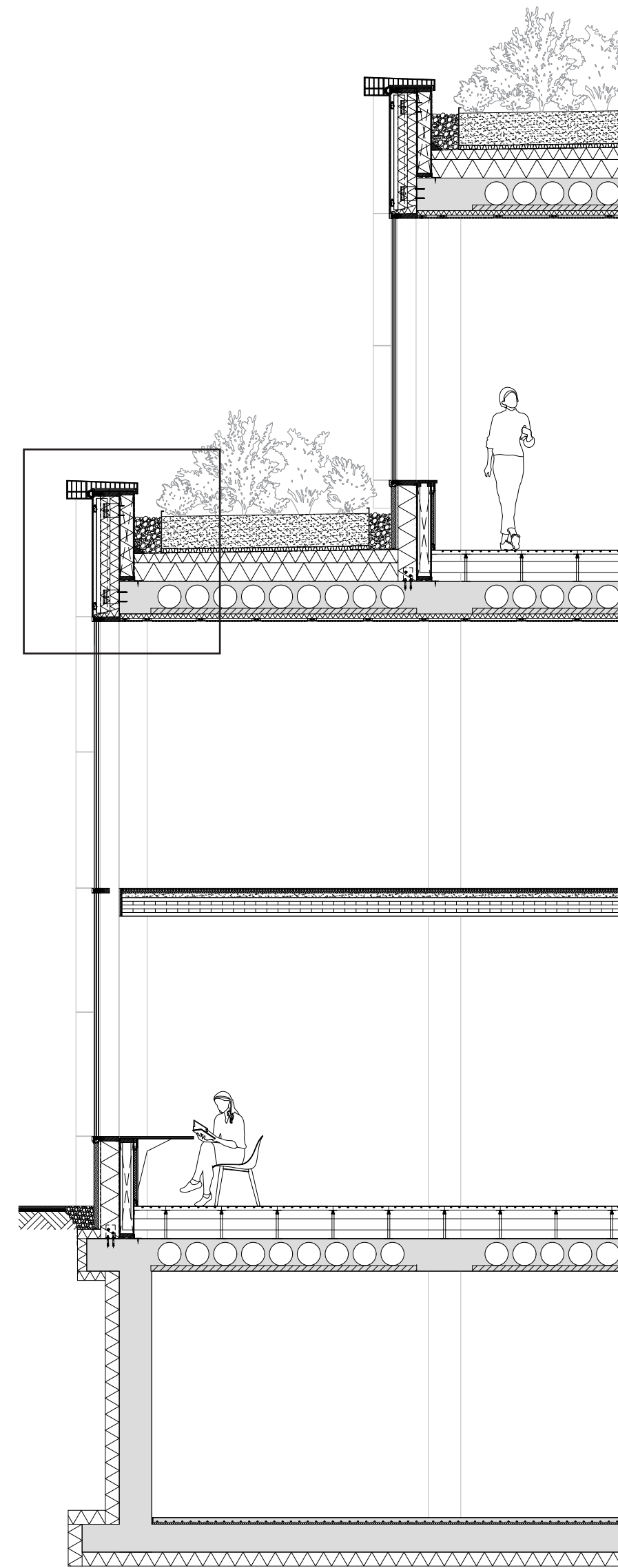
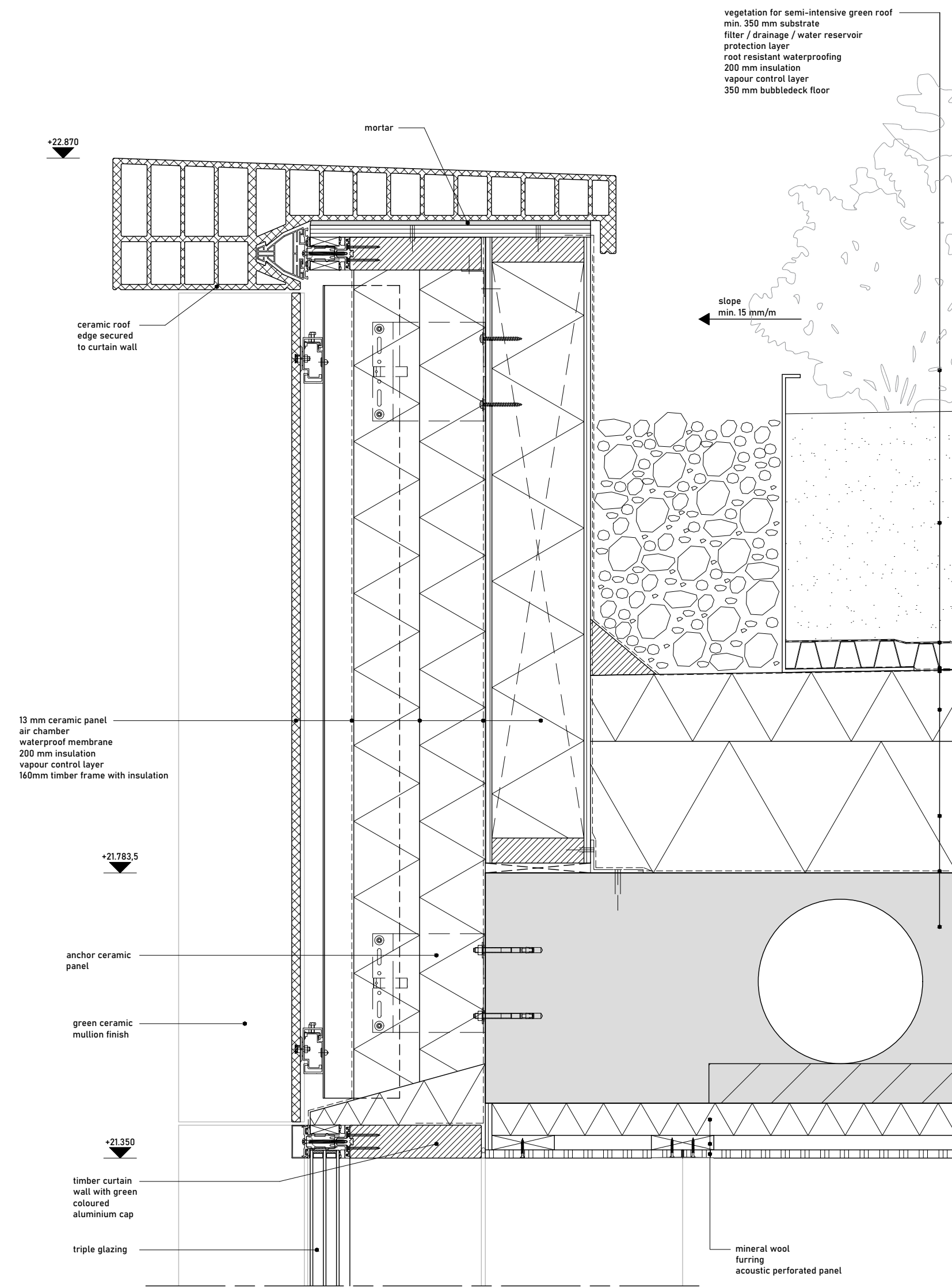
125 Deansgate, UK



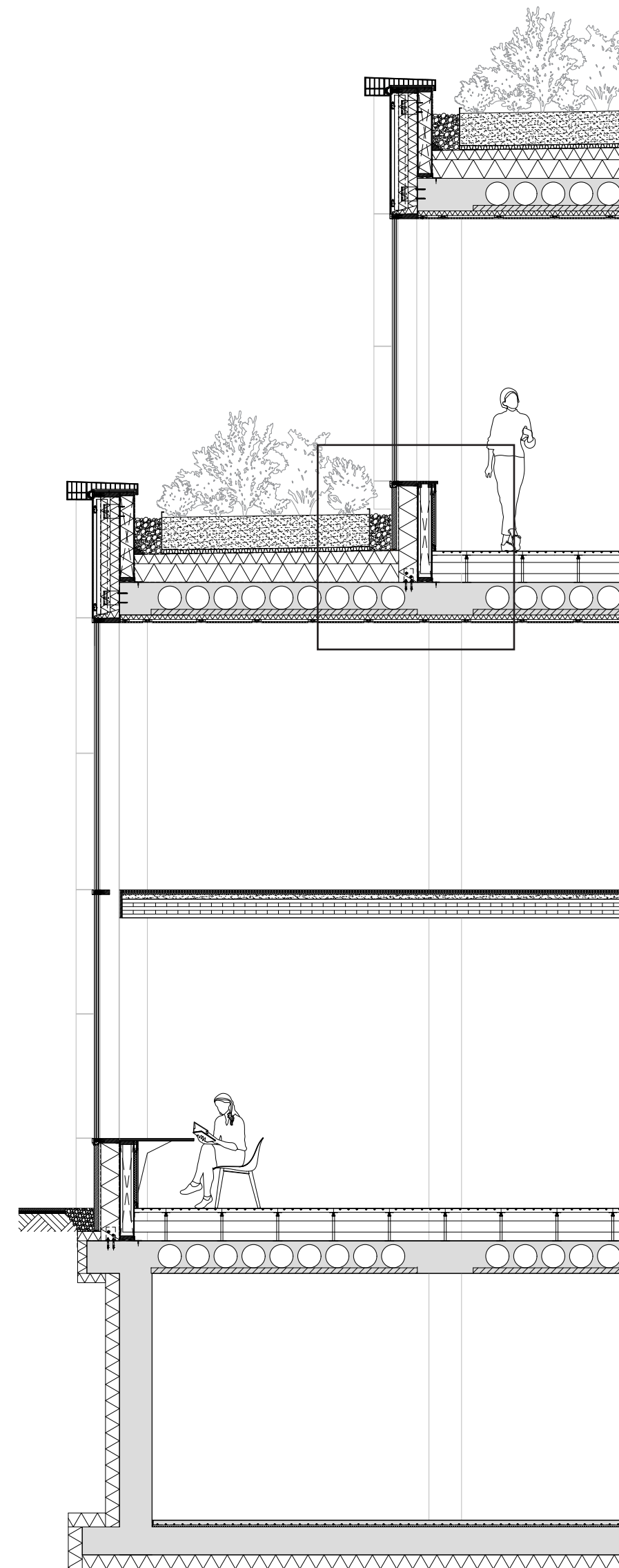
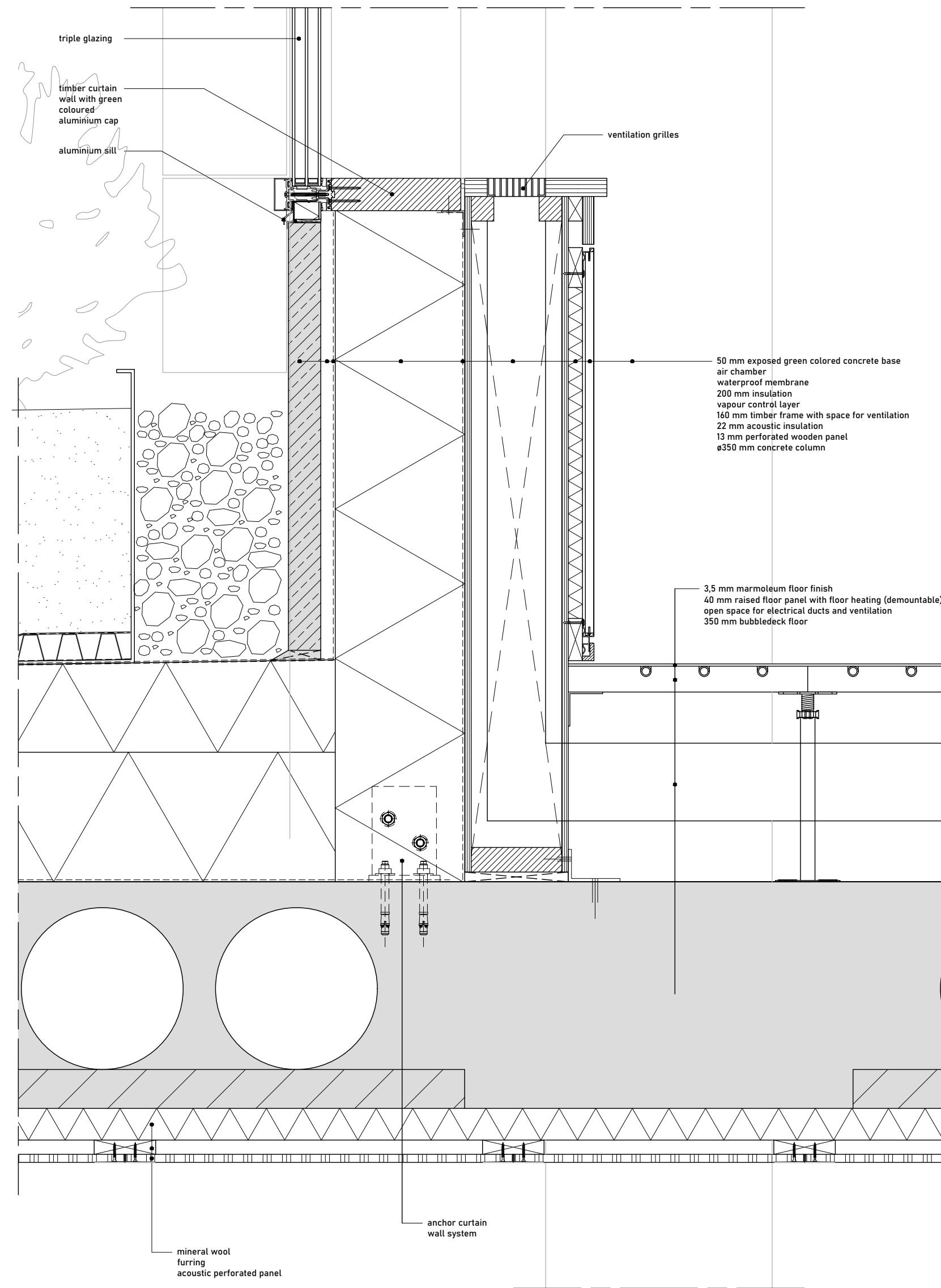
Carlsberg Central office, Denmark

**Detail**  
References





**Detail**  
Connection facade and roof



**Detail**  
Connection facade and ground floor



**Visualisation**  
Park side



**Visualisation**  
Street side

