

# P4

10 - 03 - 2016

Elise Houdijk 1329294

Teachers: Lidy Meijers, Frank Koopman



Overview

Project Introduction

Research summary

Masterplan

Architecture:

Programm

Design concepts

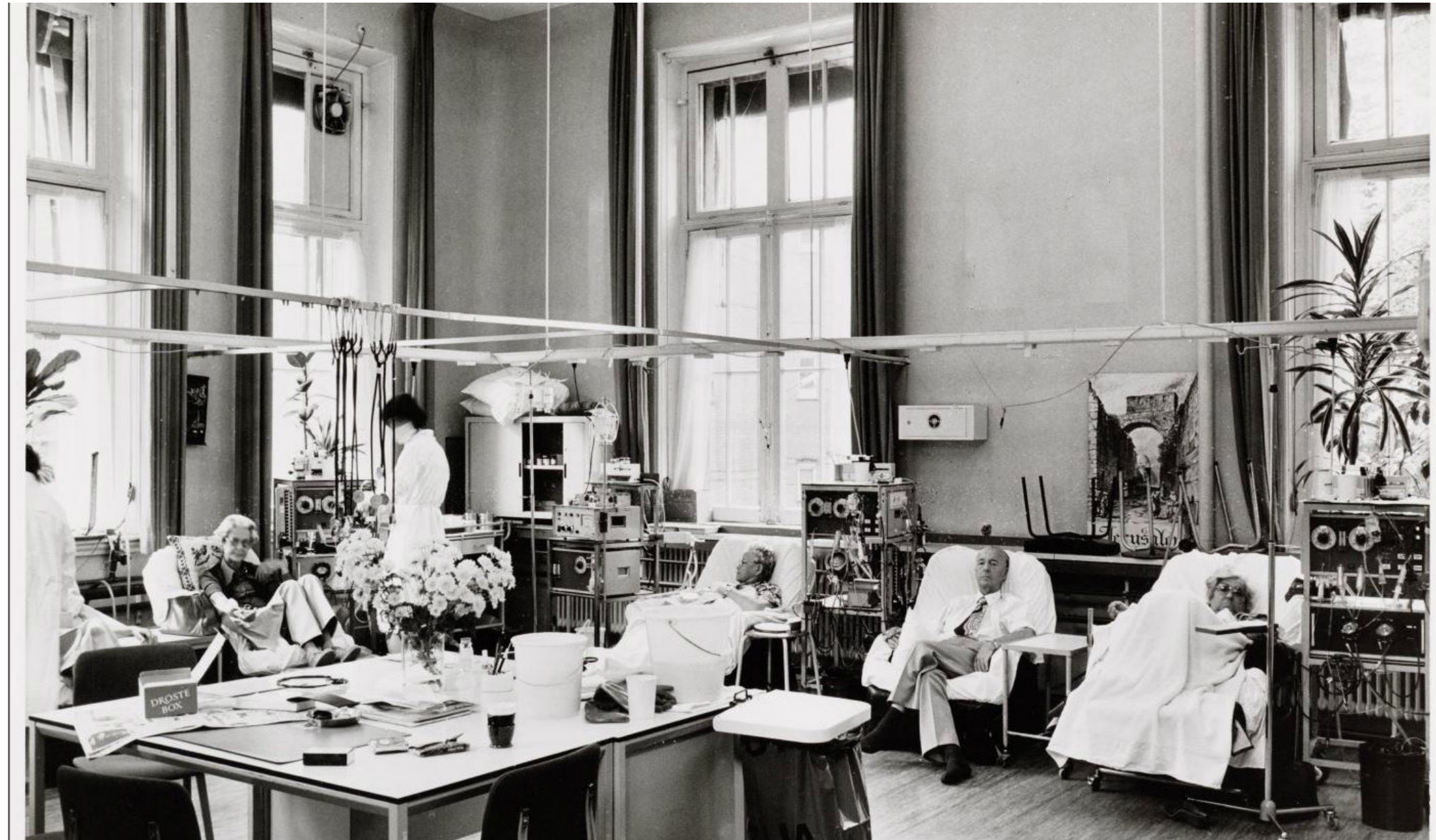
Functions and Spaces

Building Technology:

Construction

Materialisation and Details

Climate and Installations





Location





Impression

Quiet place in busy centre



Mix of styles, functions and Materials

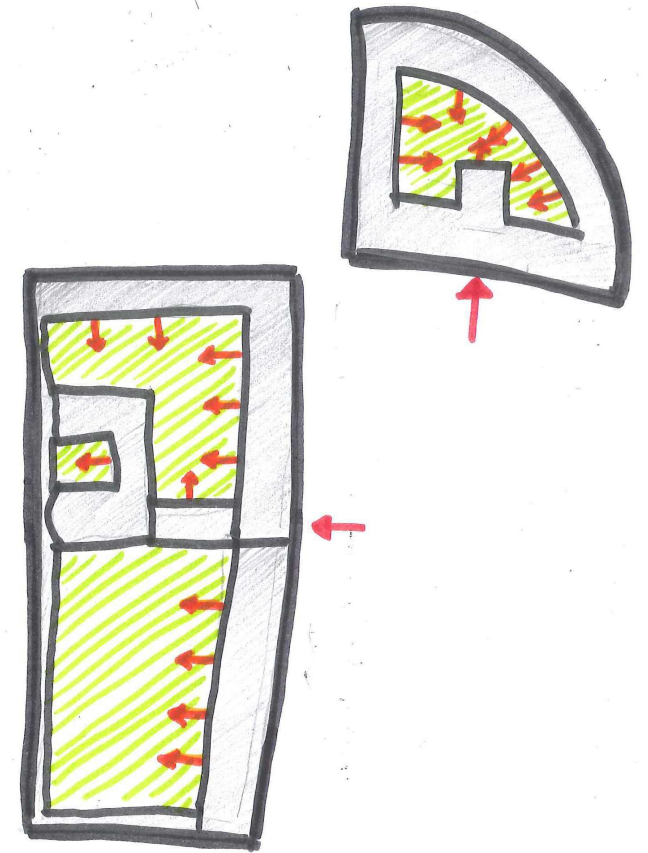
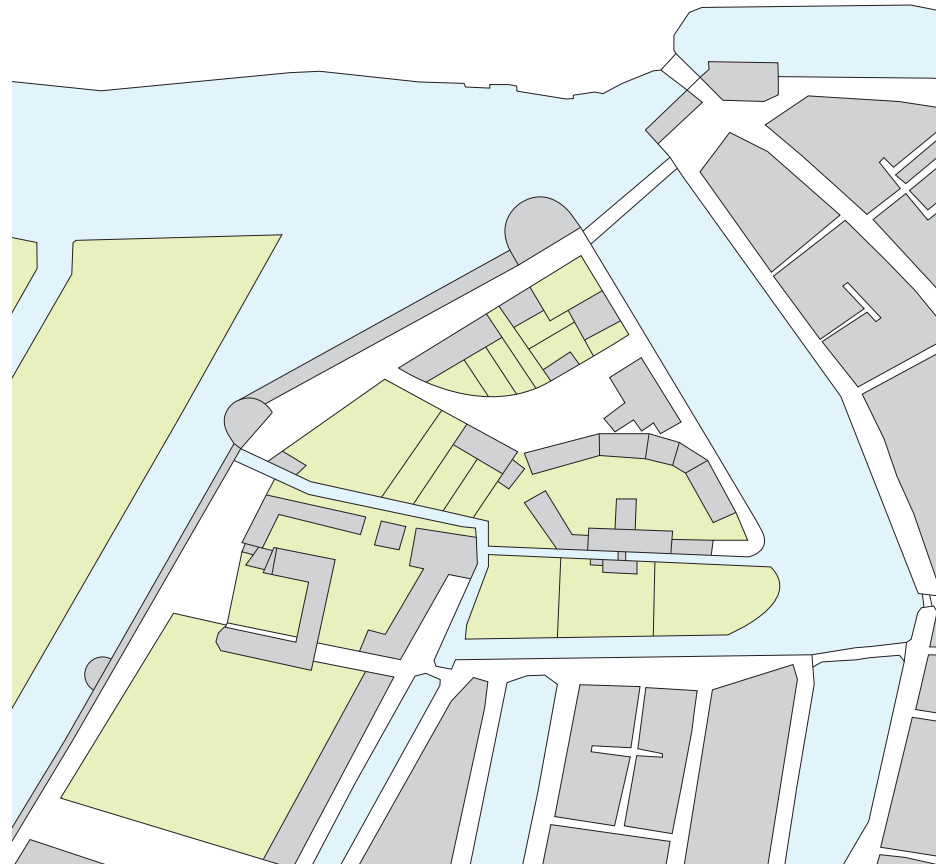
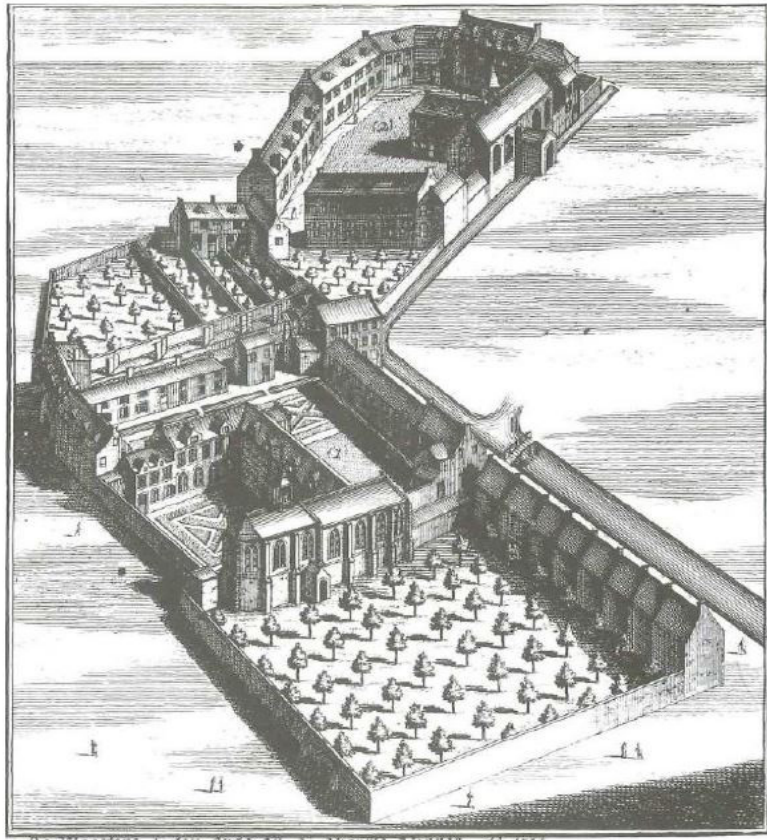


Collection of different types of public open spaces





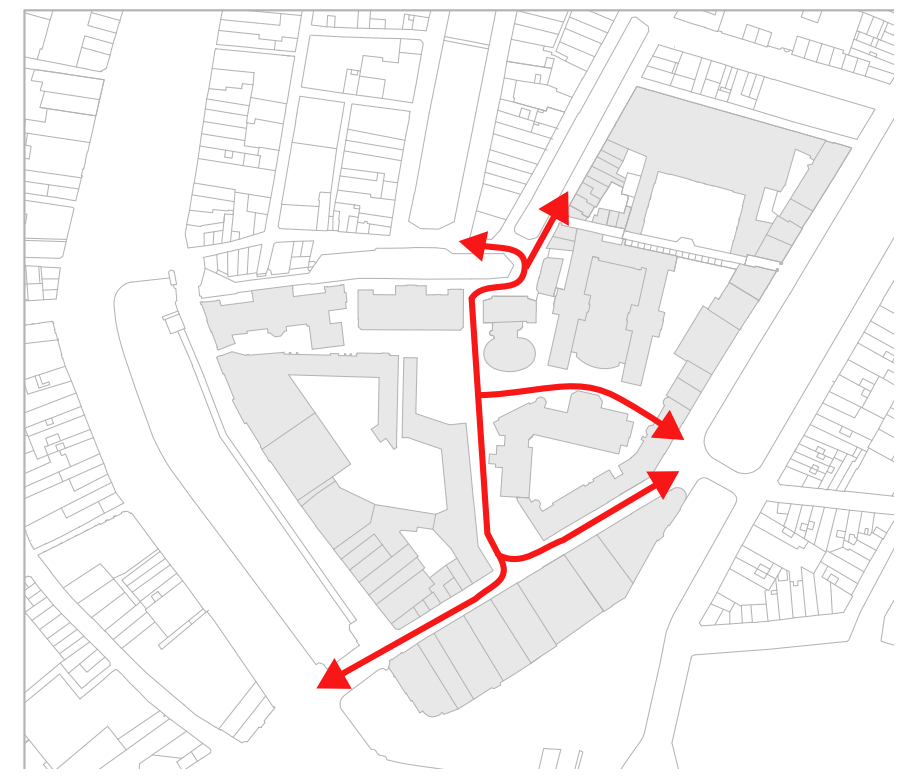
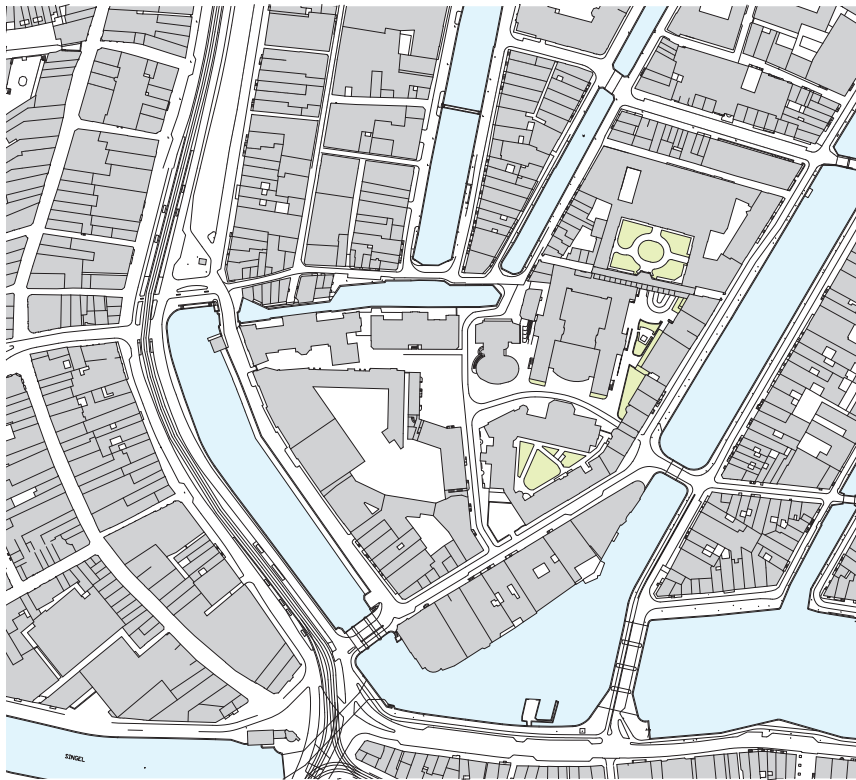
## Cloisters







## University





The Binnengasthuisterrein will be the Binnenstadscampus in four-campus plan of the UvA.





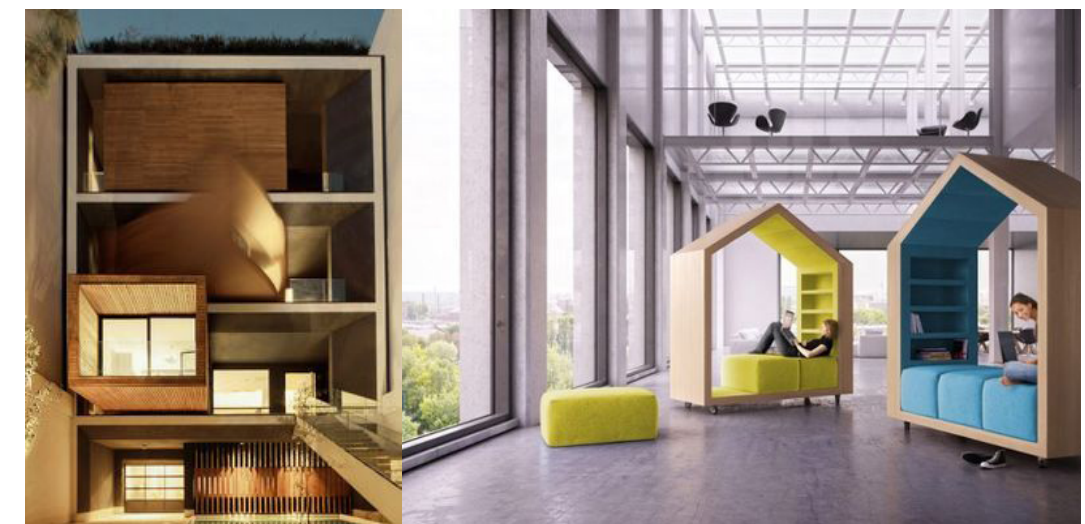
What is the spatial impact of the plans of the University of Amsterdam, to create an open city campus, on the Binnengasthuisterrein and the surrounding neighbourhoods in the city centre of Amsterdam?

## Method

1. Research plans of UvA
2. Destil architectural themes used in documents
3. Theory research of those themes
4. Analyse Binnengasthuis terrein according to results from theory



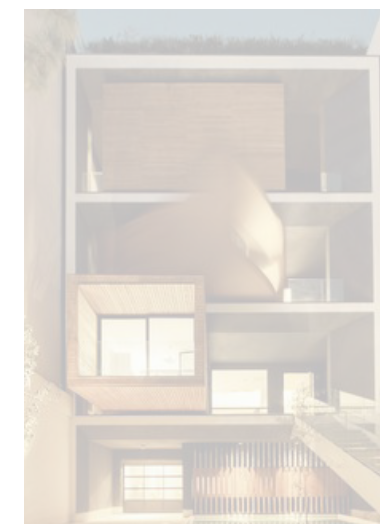
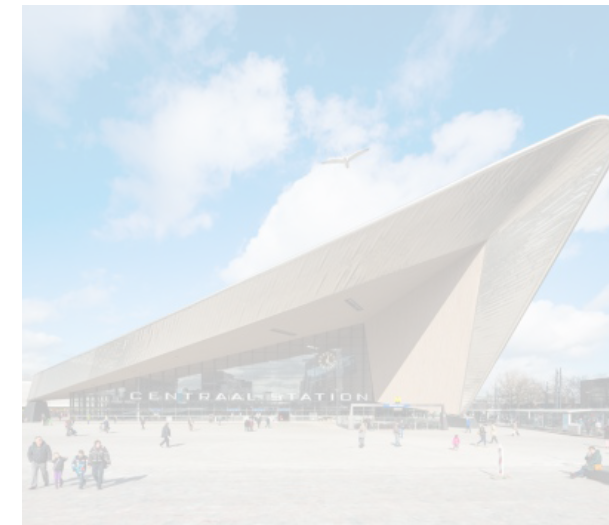
- Campus
- Ensemble/Cluster/Complex
- Interaction
- Open/welcoming
- Representative
- Community
- Flexible





## Themes

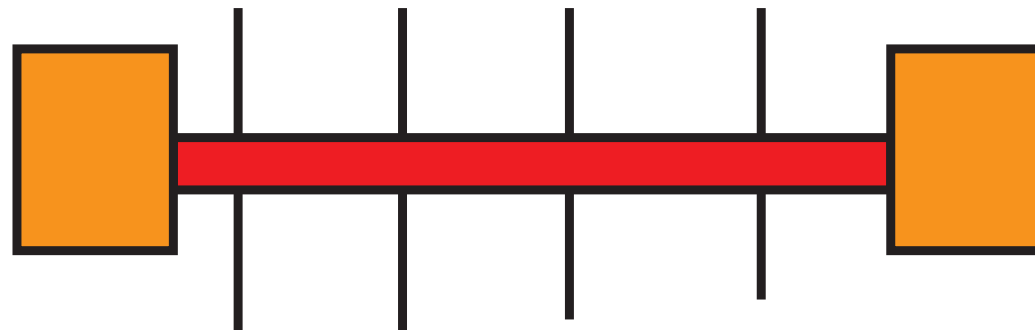
- Campus
- Ensemble/Cluster/Complex
- Interaction
- Open/welcoming
- Representative
- Community
- Flexible





In an ensemble a clear routing connects the most important components

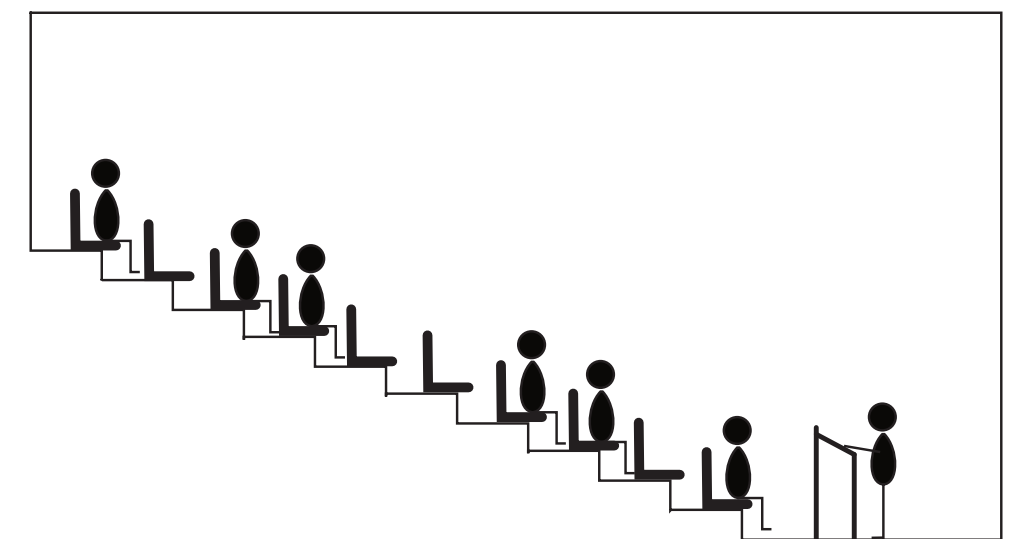
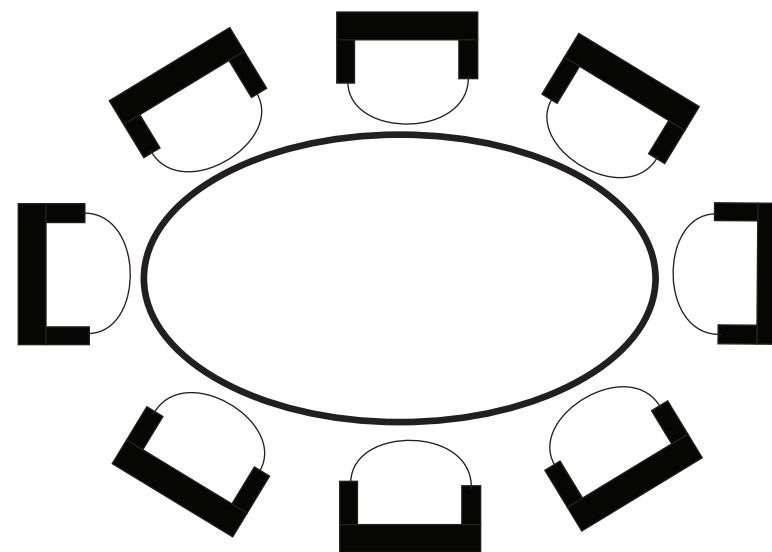
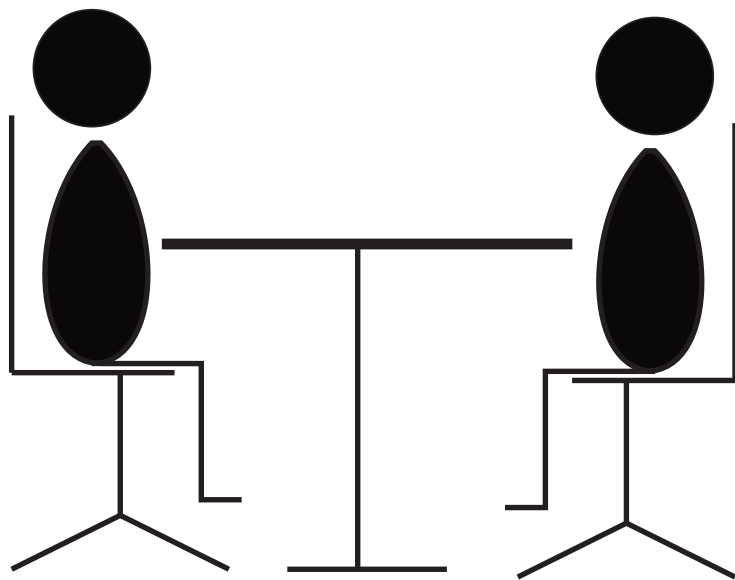
Other public functions should be placed along the main route or in a centre in the route





## Organised events

- Different sizes, different requirements.
- University needs spaces for small meeting to large halls for lectures.

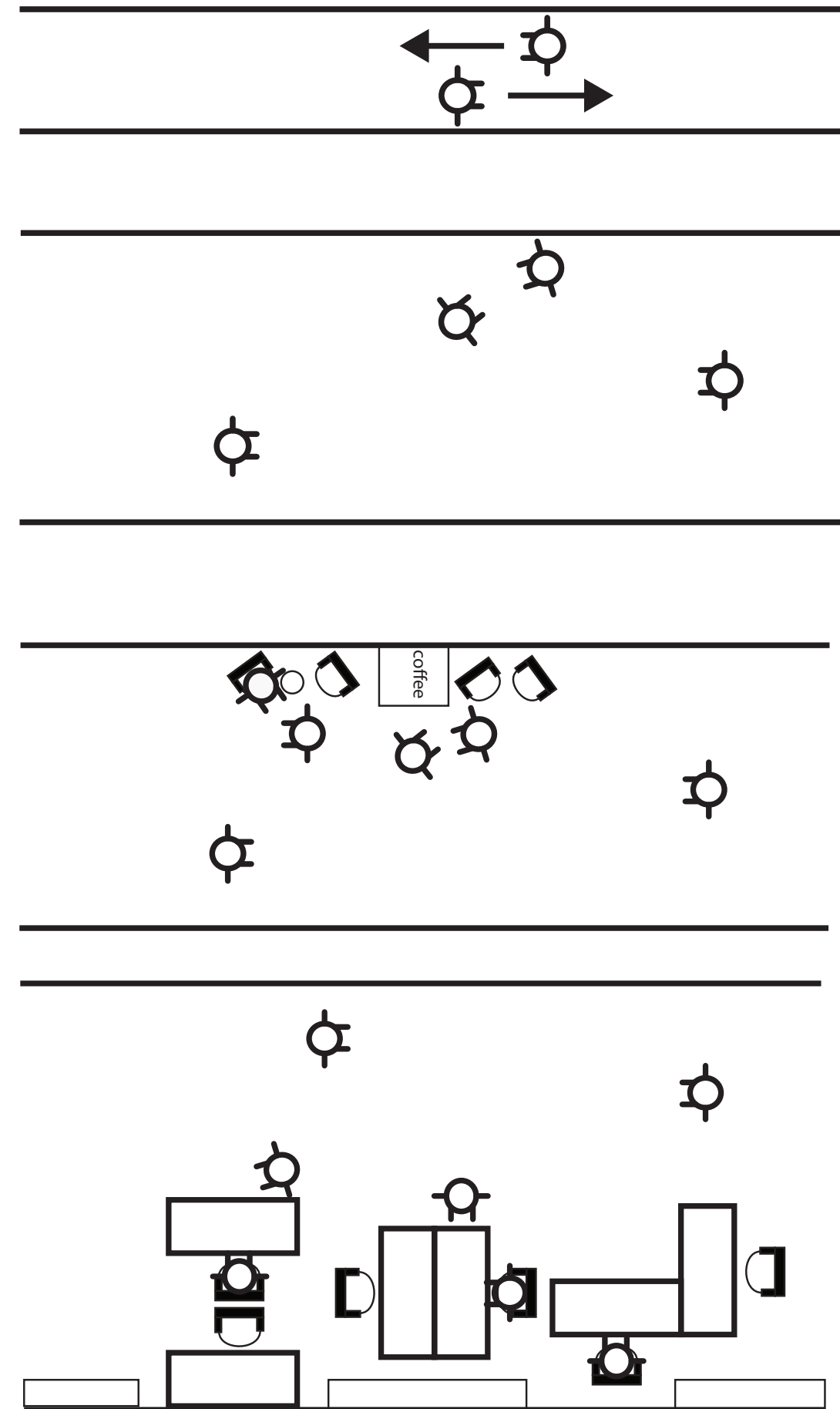
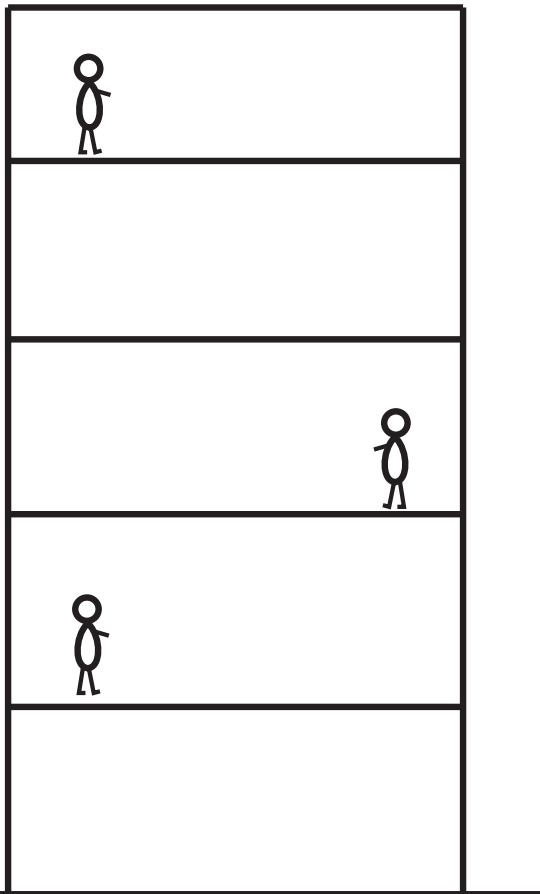




## Spontaneous meetings

- More floors, less encounters
- Function x route = higher quality of encounters

UvA thinks these encounters are important for collaboration between people





Reasons to go

museum, library, music  
**Function**  
food and drinks

Beach                      Park  
  
Place to relax  
Waterside

Welcoming entrance

Reasons to stay

Place to sit

Little traffic  
**Comfortable**  
Sunlight                      Green

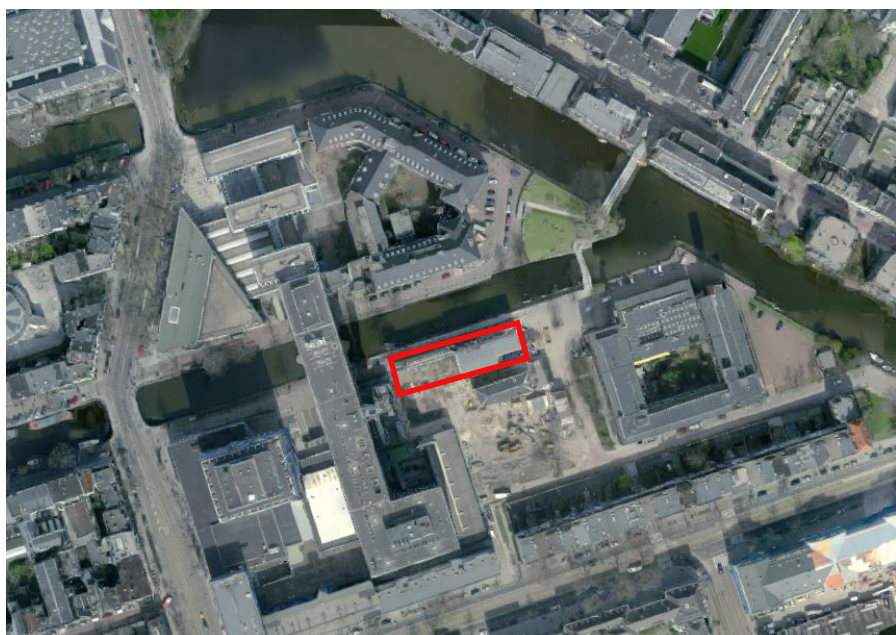
Well lit  
people present      **Save**  
                                 maintained



## Excursion to: Science park

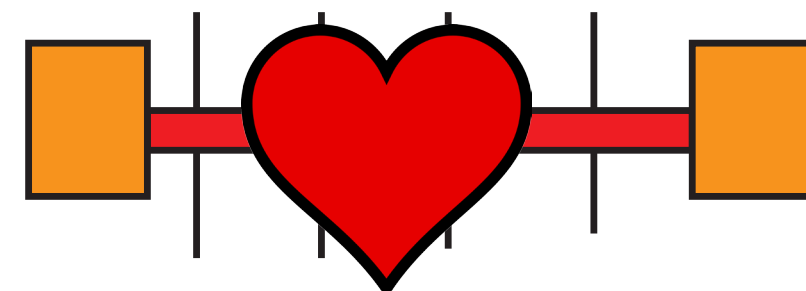
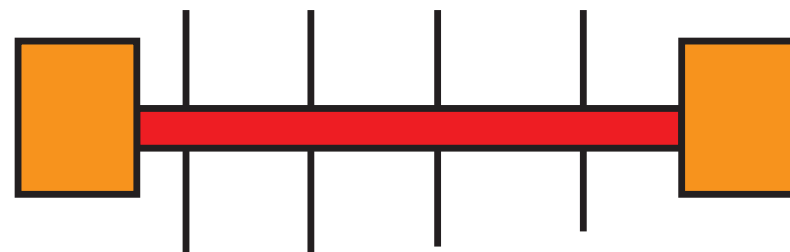
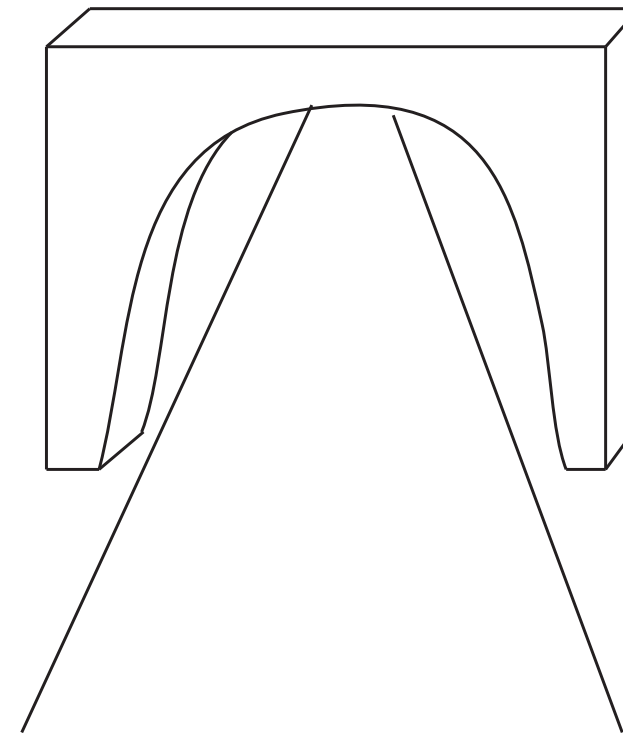
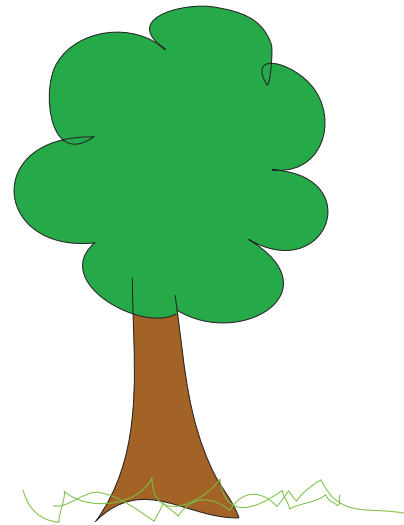


## Roeterseiland





- Giving the area a green atmosphere
- Creating a recognizable entrance to the area
- Making the main route between the most important functions of the area
- Placing the heart of the area along the main route



Library





Lecture halls



Connecting route





Heart of the campus







Route

Entrances

Room for larger events



Name: Chirurgische Kliniek

Architect: H. Leguyt

Year: 1889

Style: Neo renaissance

Original function: hospital

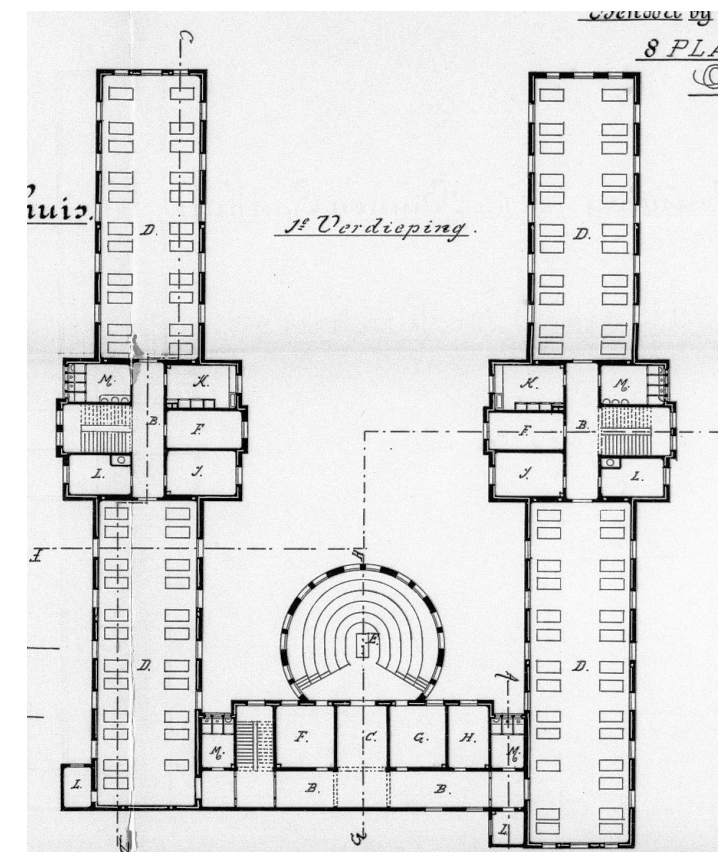
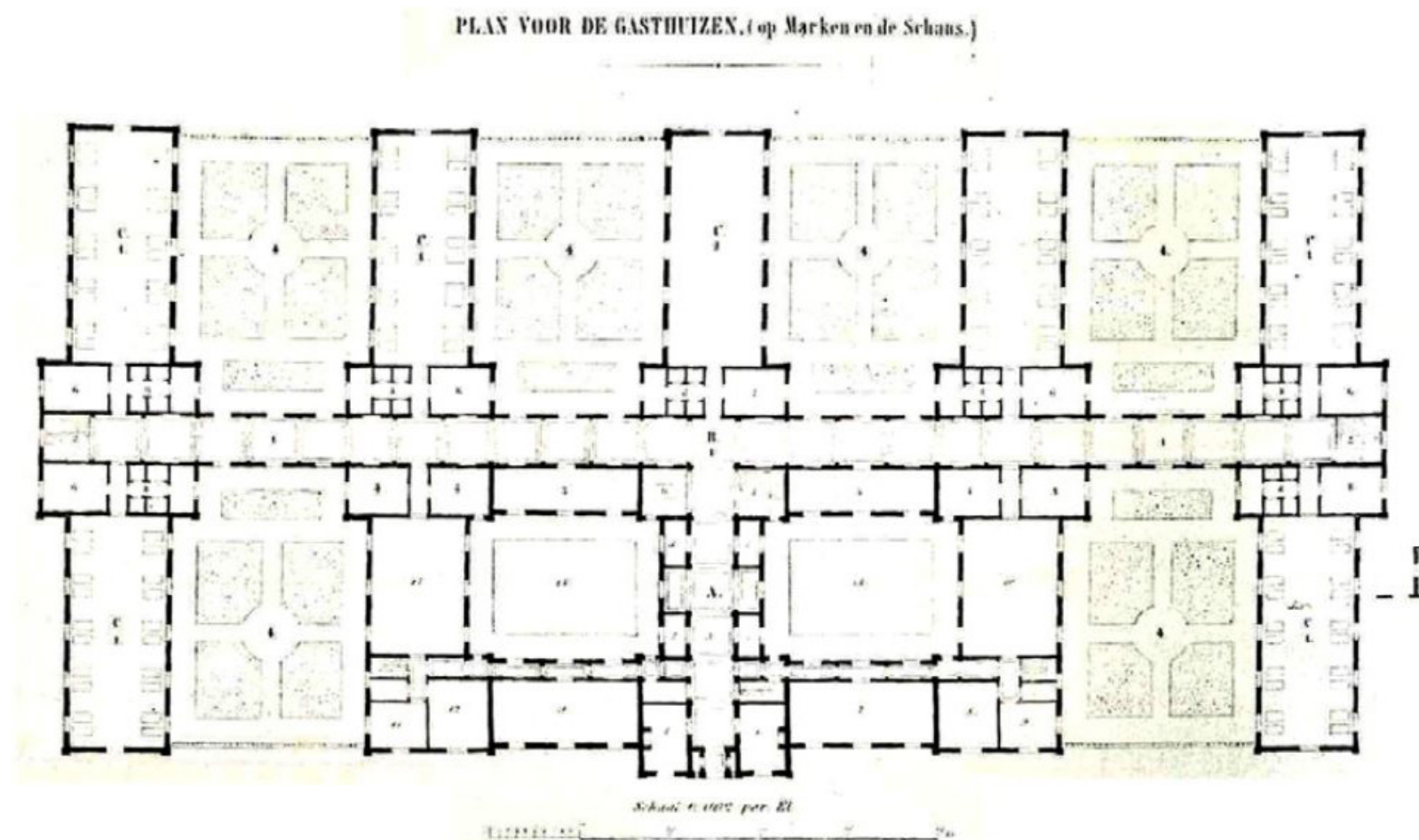
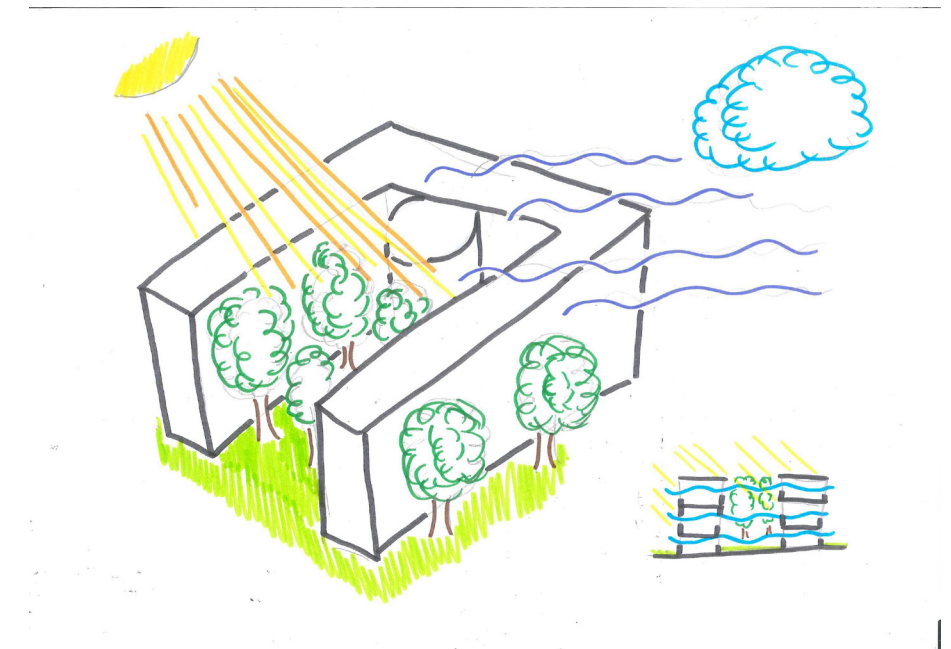
Surface area: 8764 m<sup>2</sup>





## Pavilion hospital typology

Designed for fresh air and daylight

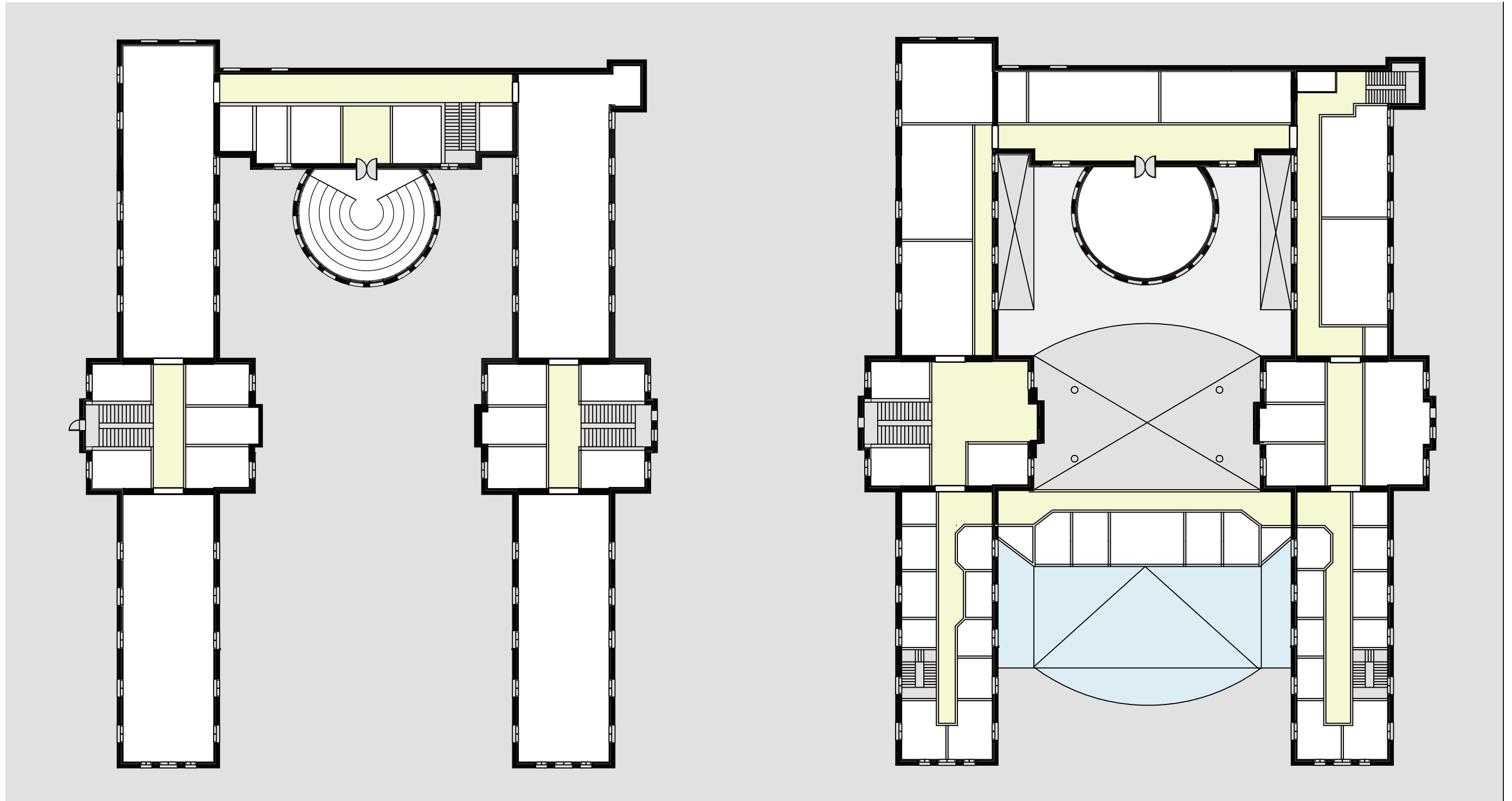








## Original and current situation



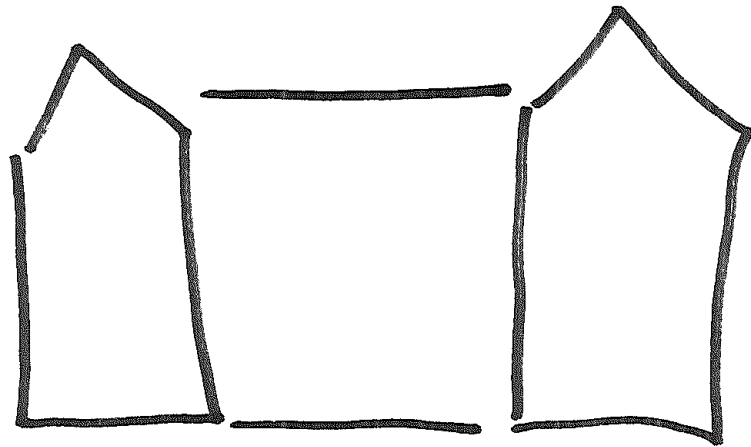
Open spaces and open courtyard

Small rooms and covered courtyard

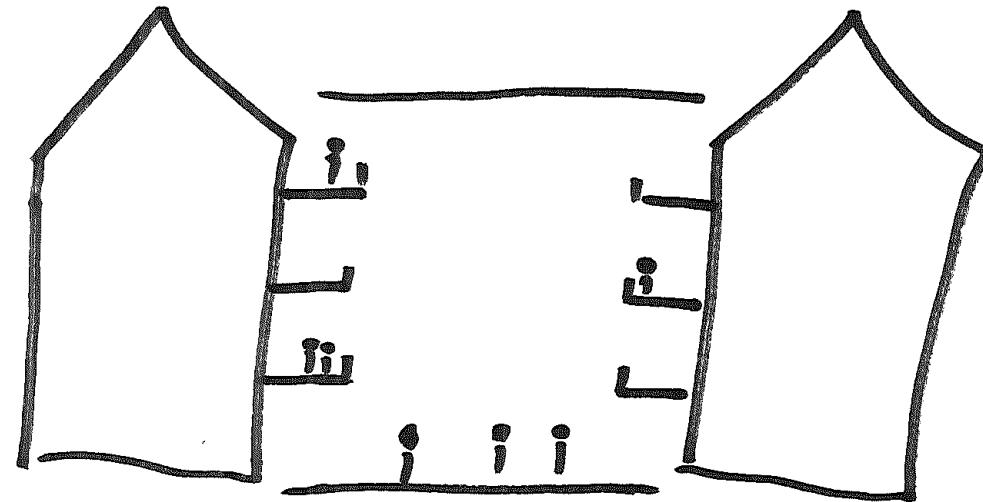




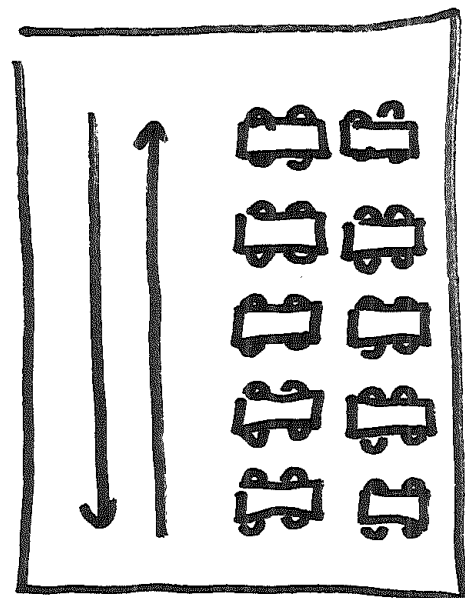




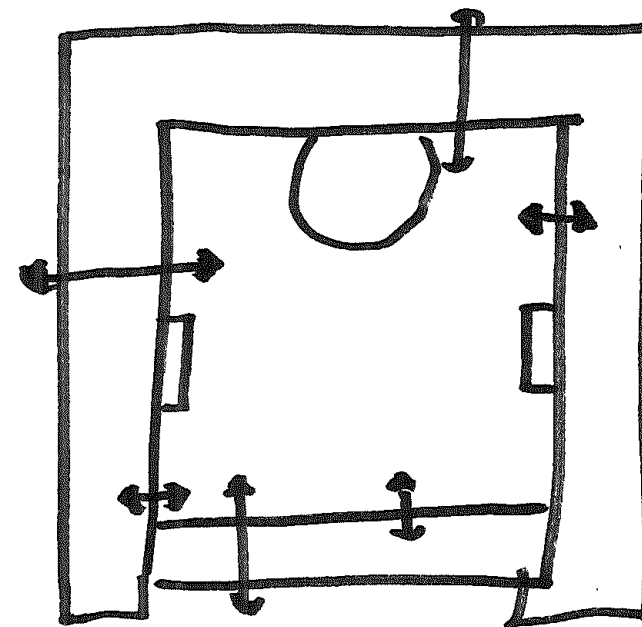
Atrium



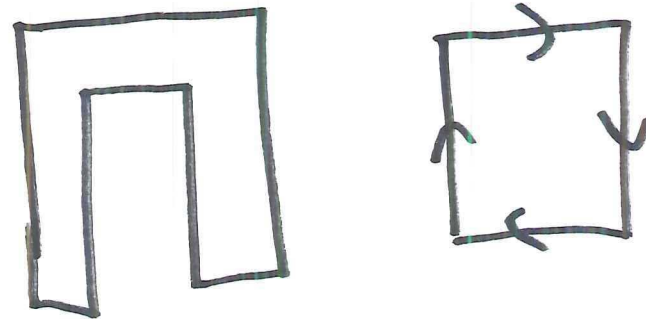
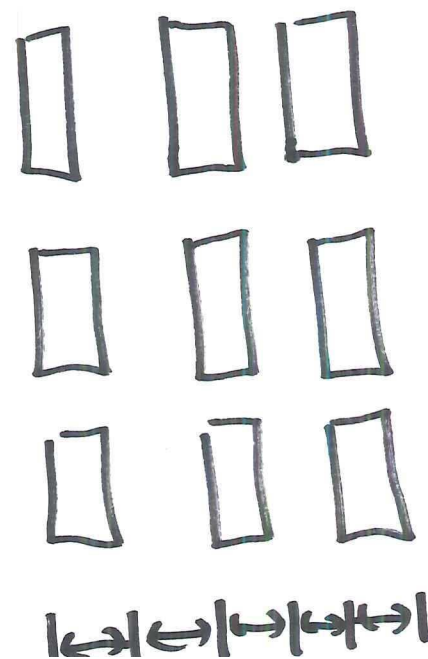
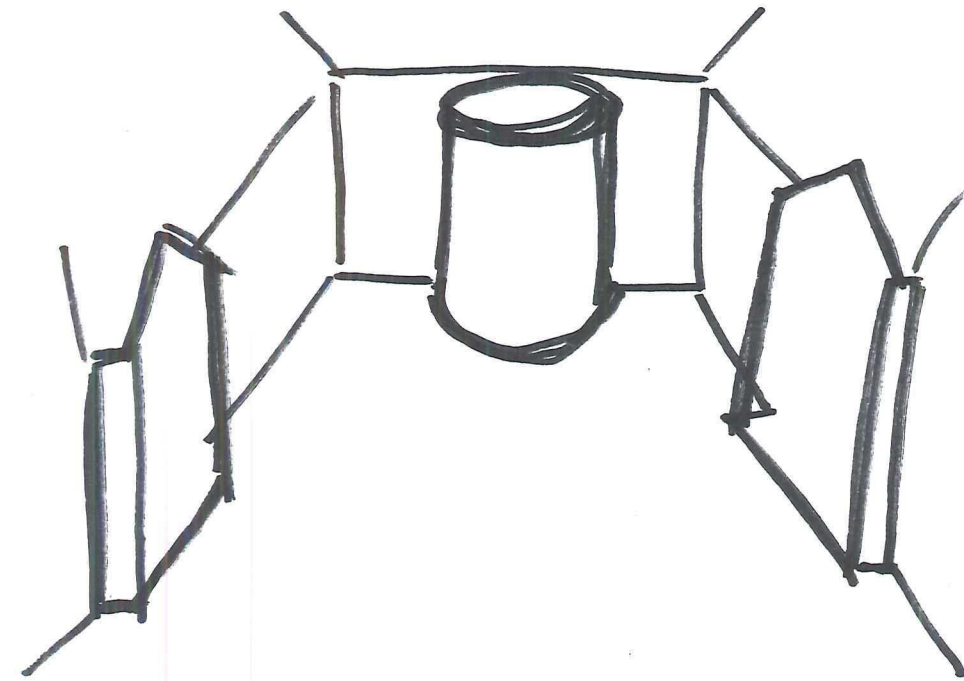
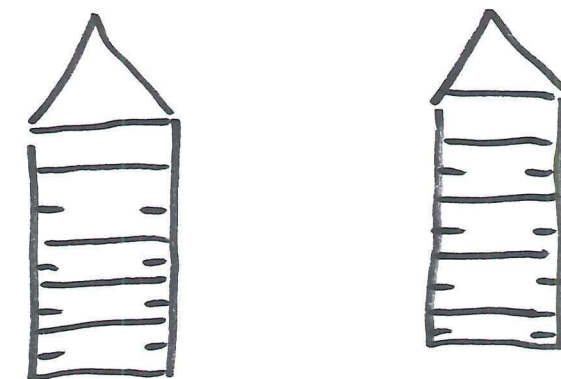
Seeing



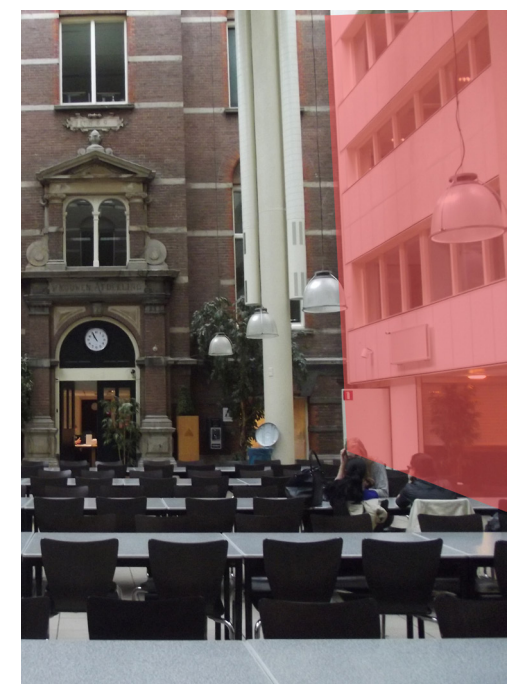
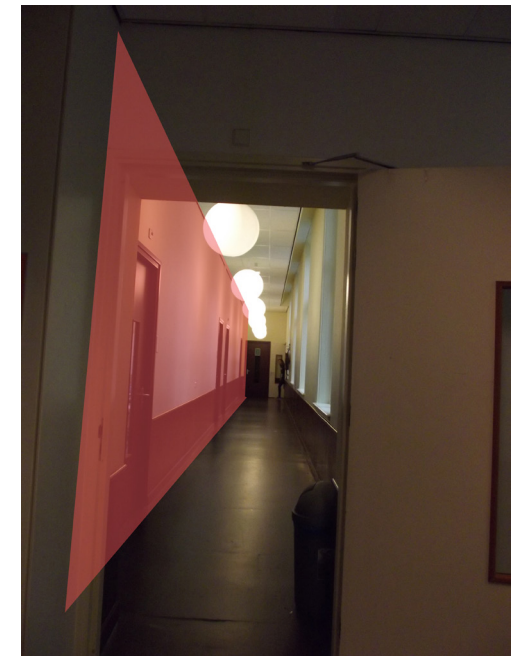
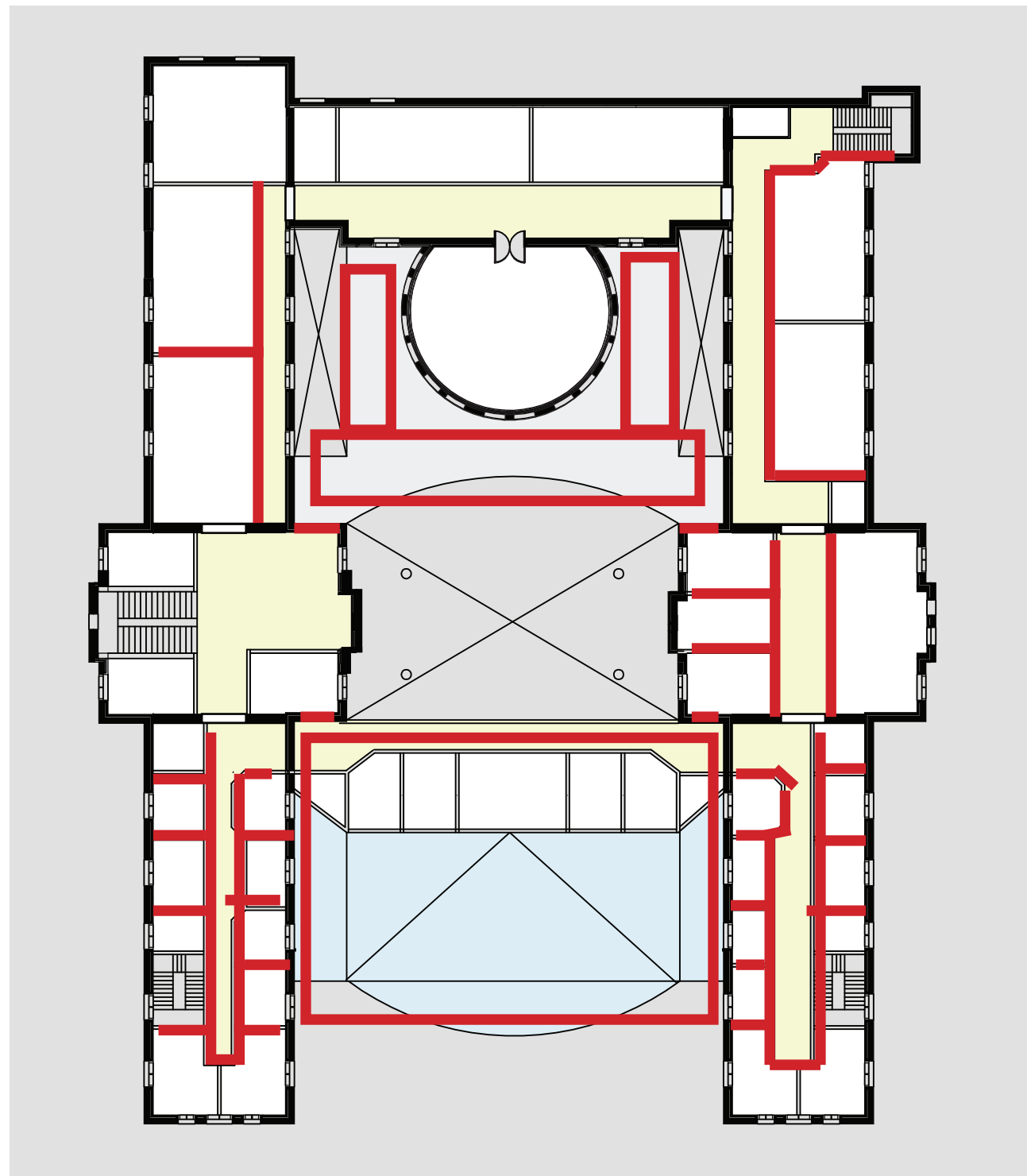
Meeting



Connection

ConceptsShapeCompositionVerticalRepetitionHorizontal



Remove

Ground floor

Main hall for different events

Coffee bar

Offices student services

Study spaces

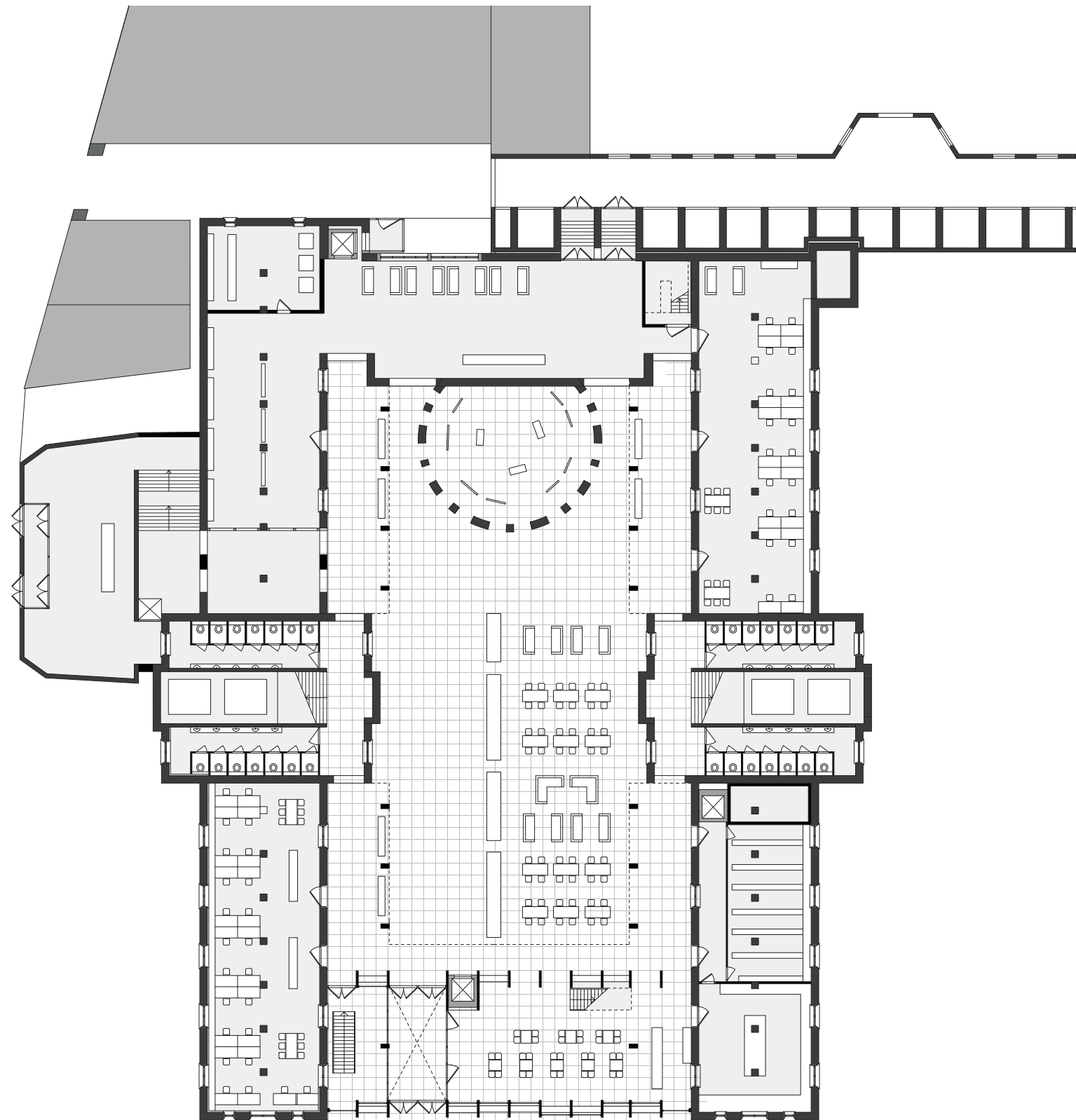
service:

Toilets

Kitchen

Storage

climate facilities





Main hall for different events

Coffee bar

Offices student services

Study spaces

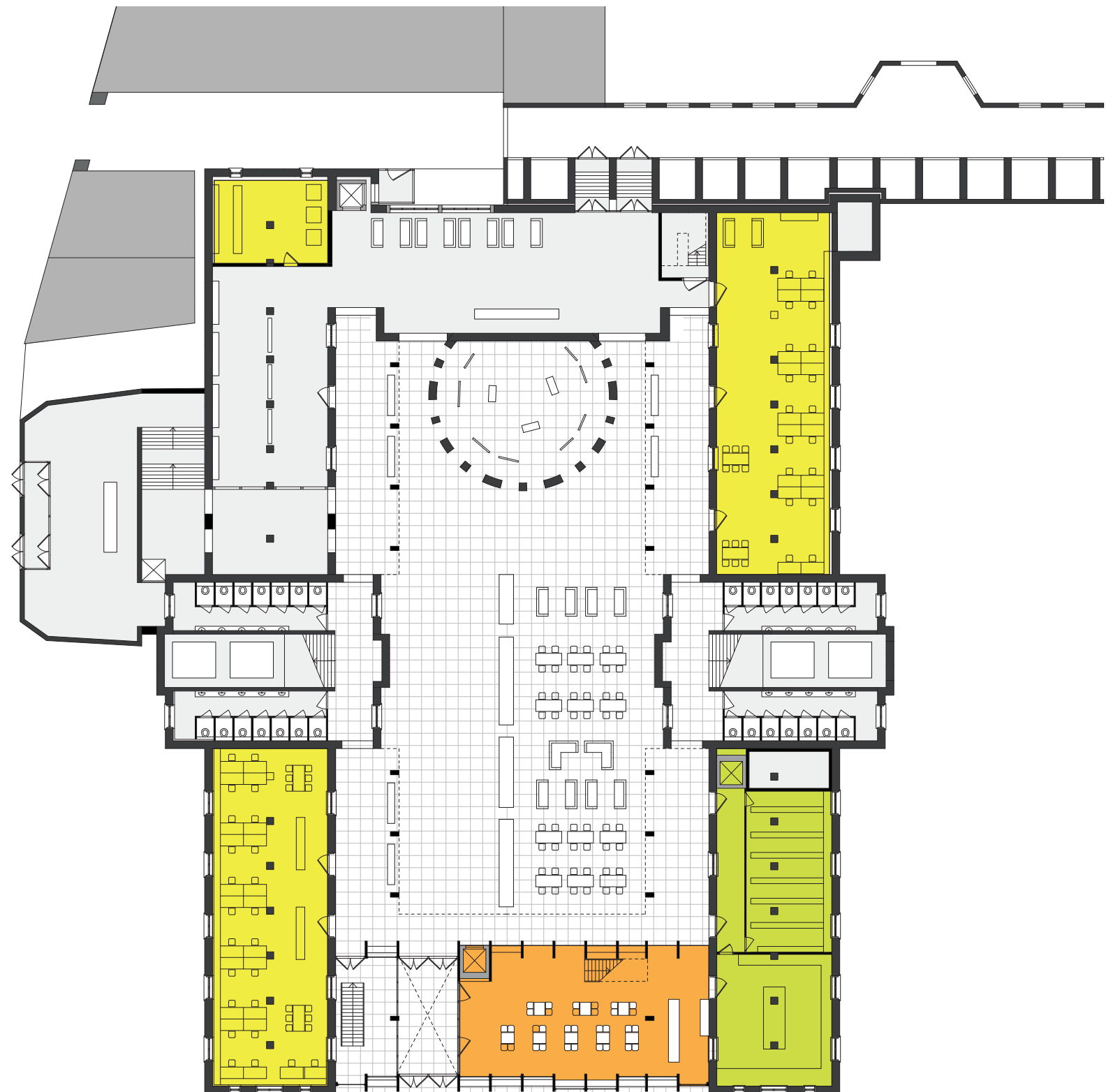
service:

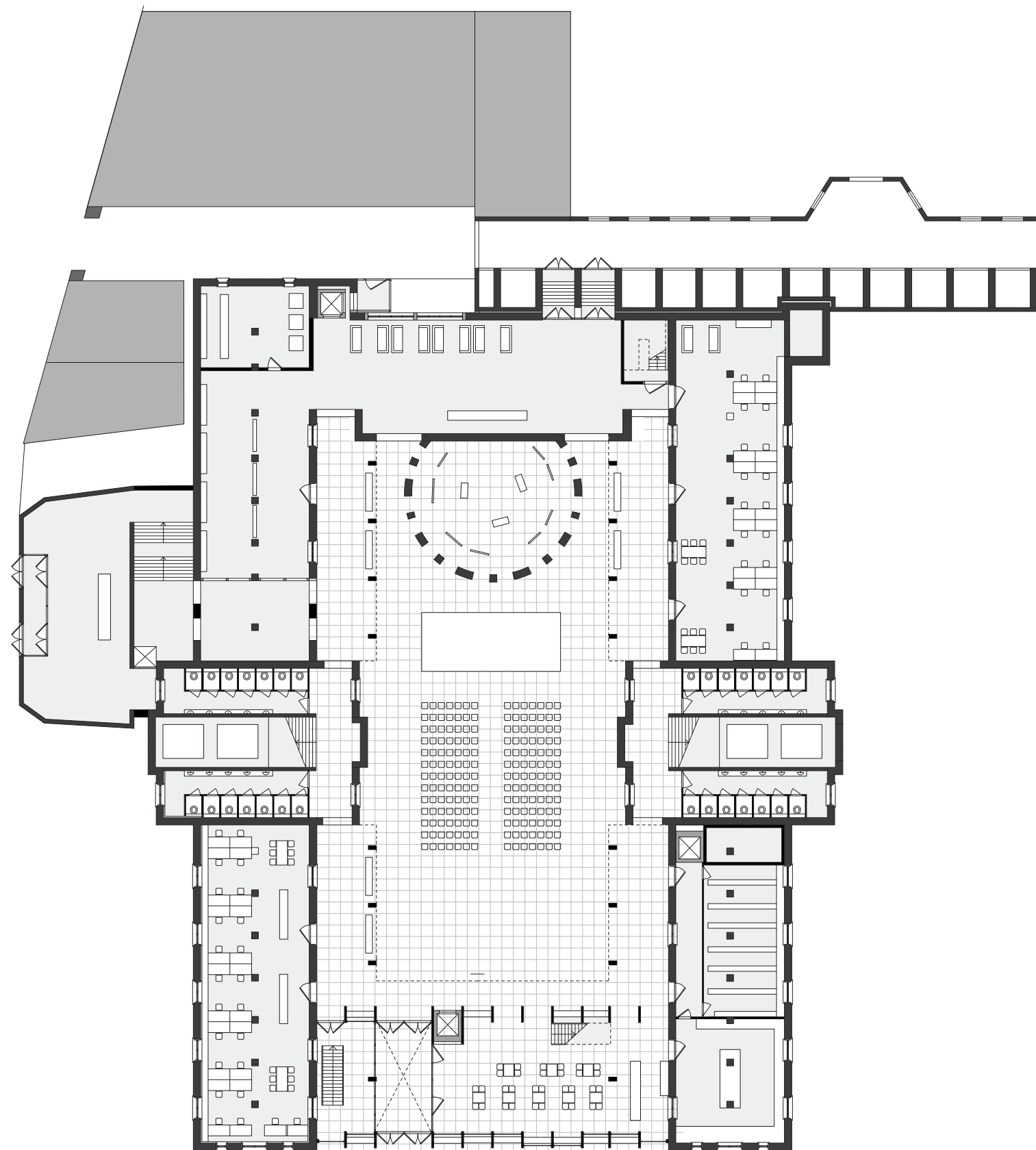
Toilets

Kitchen

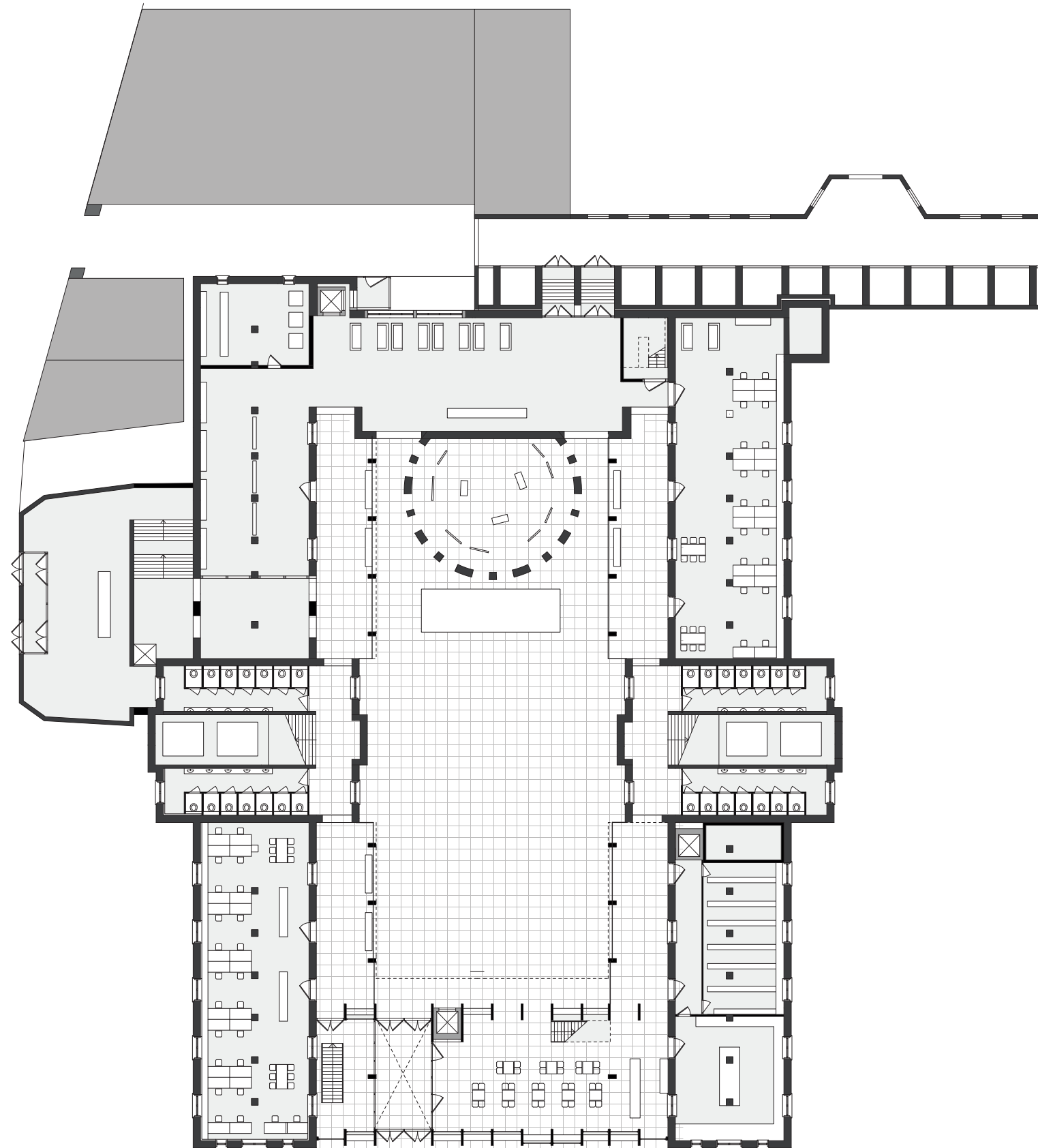
Storage

climate facilities



Ground floor Symposium



Ground floor Party

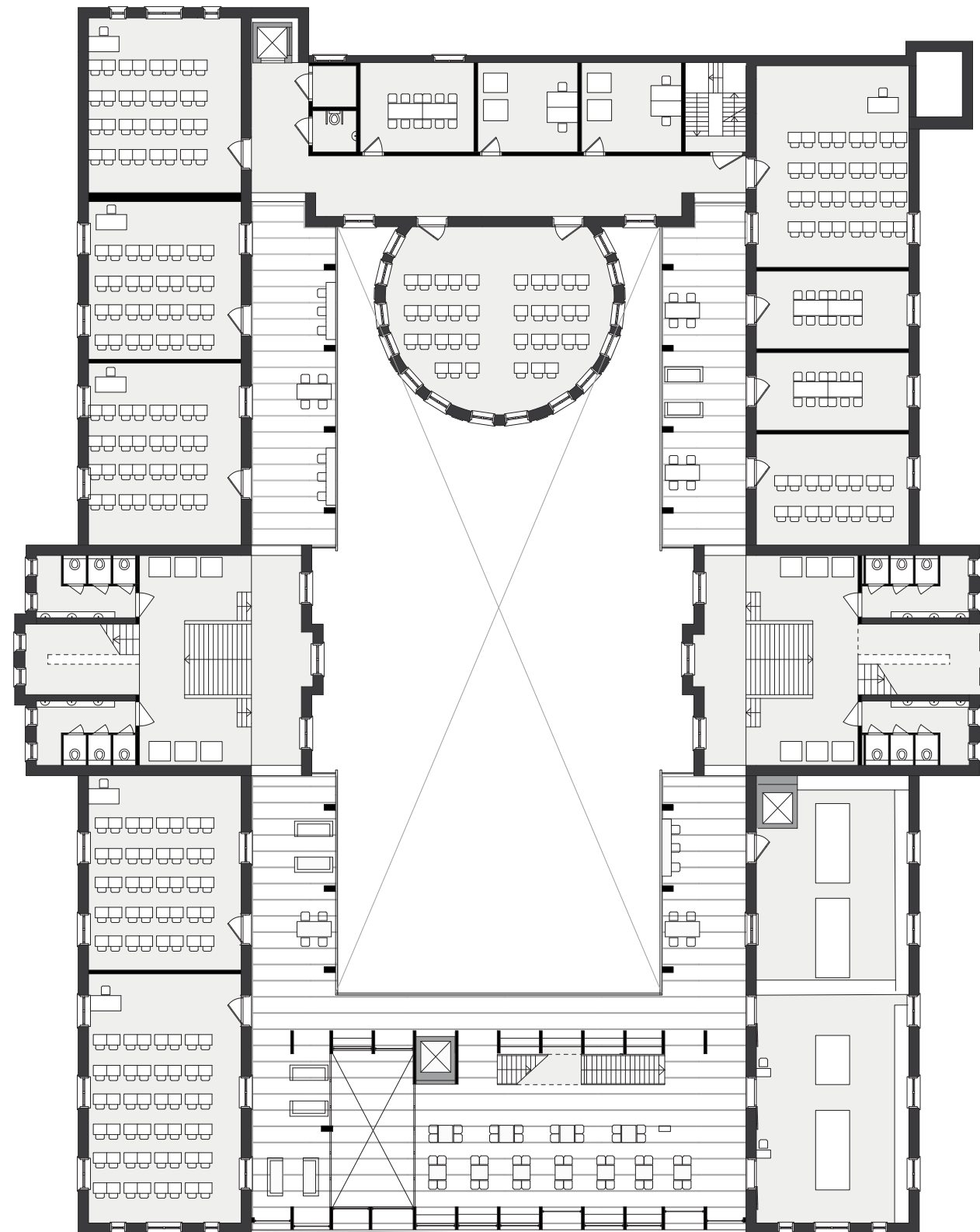
First floor

Restaurant

Class rooms

Study spaces

Toilets



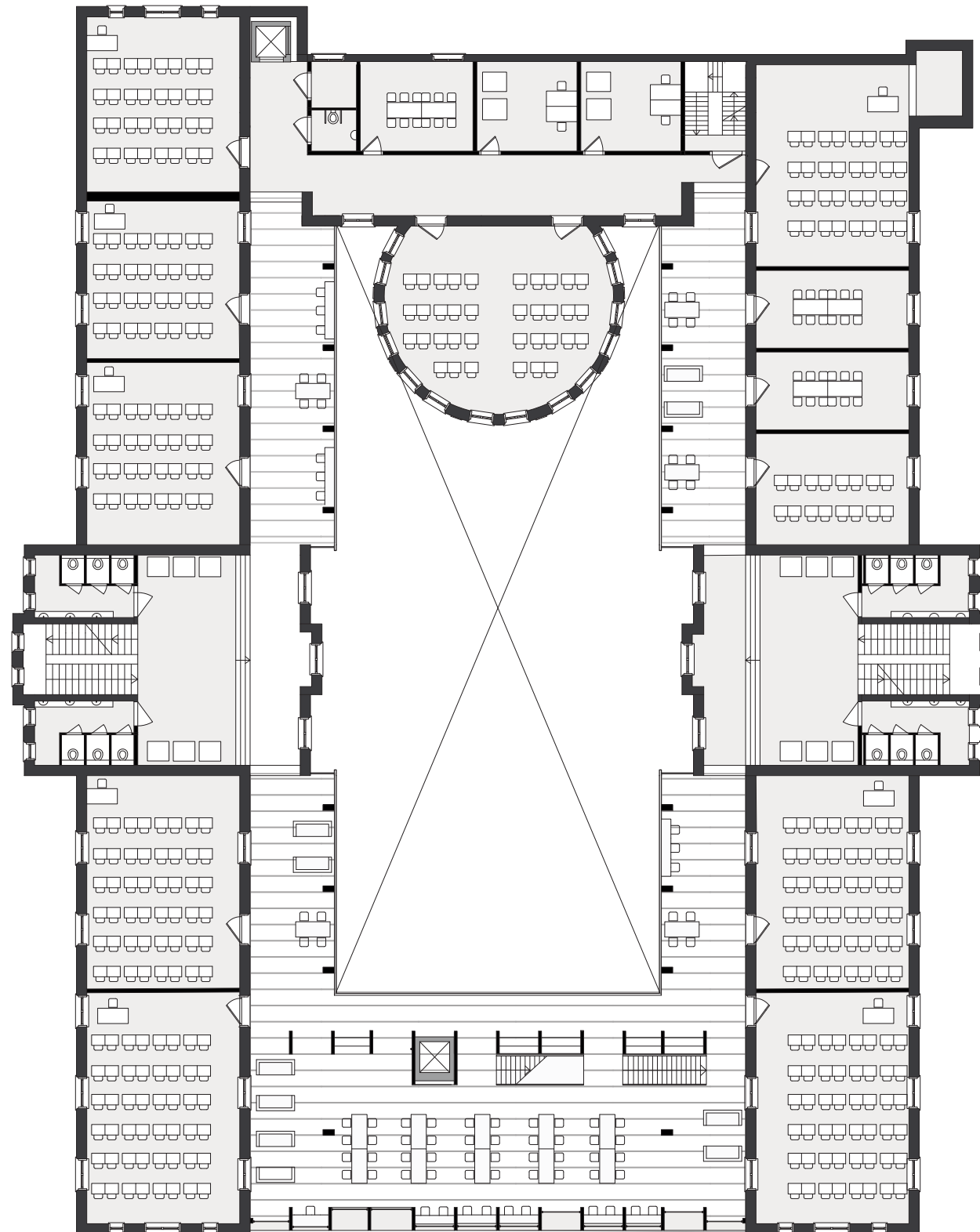


Second floor

Class rooms

Study spaces

Toilets

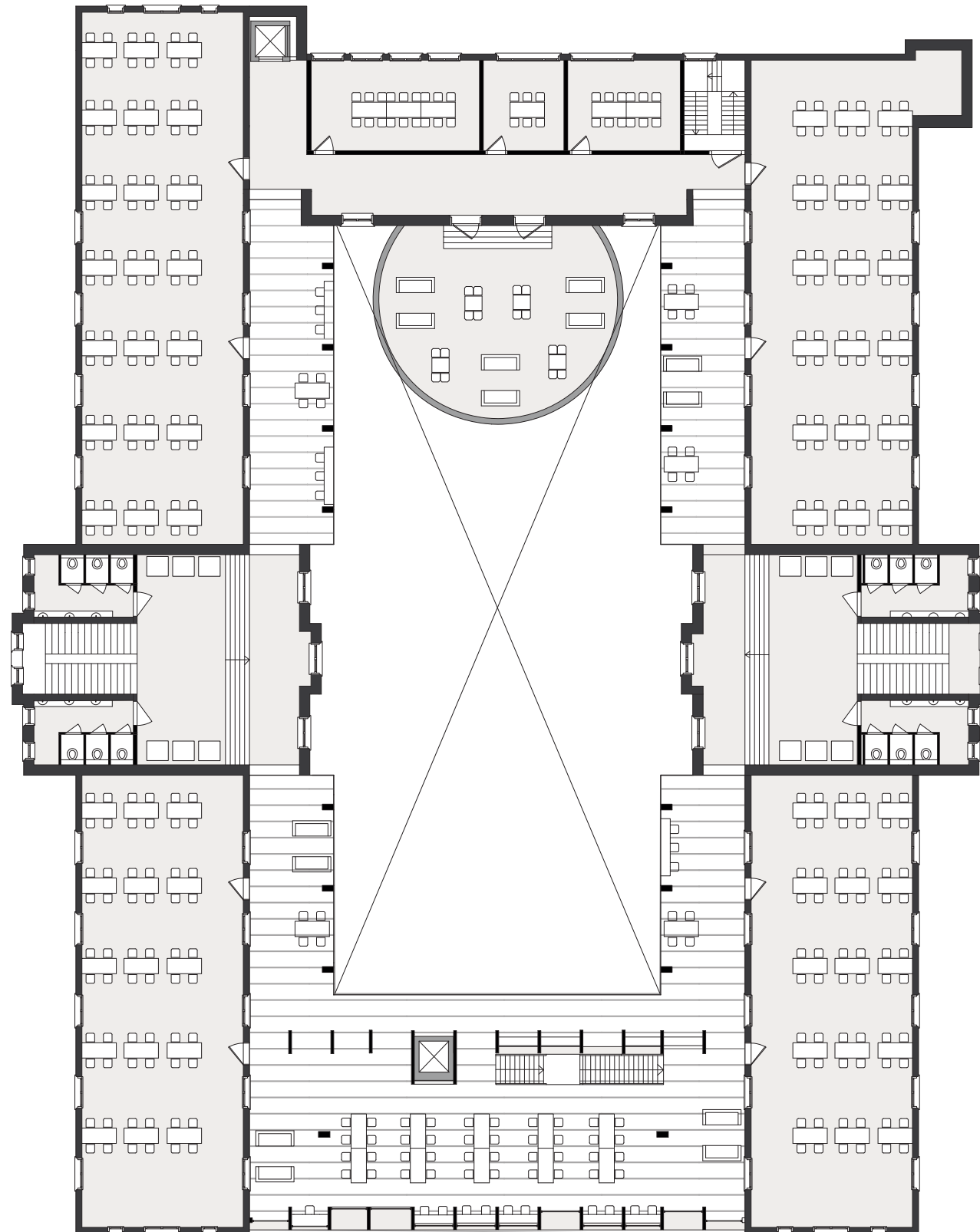


Third floor - Atitc

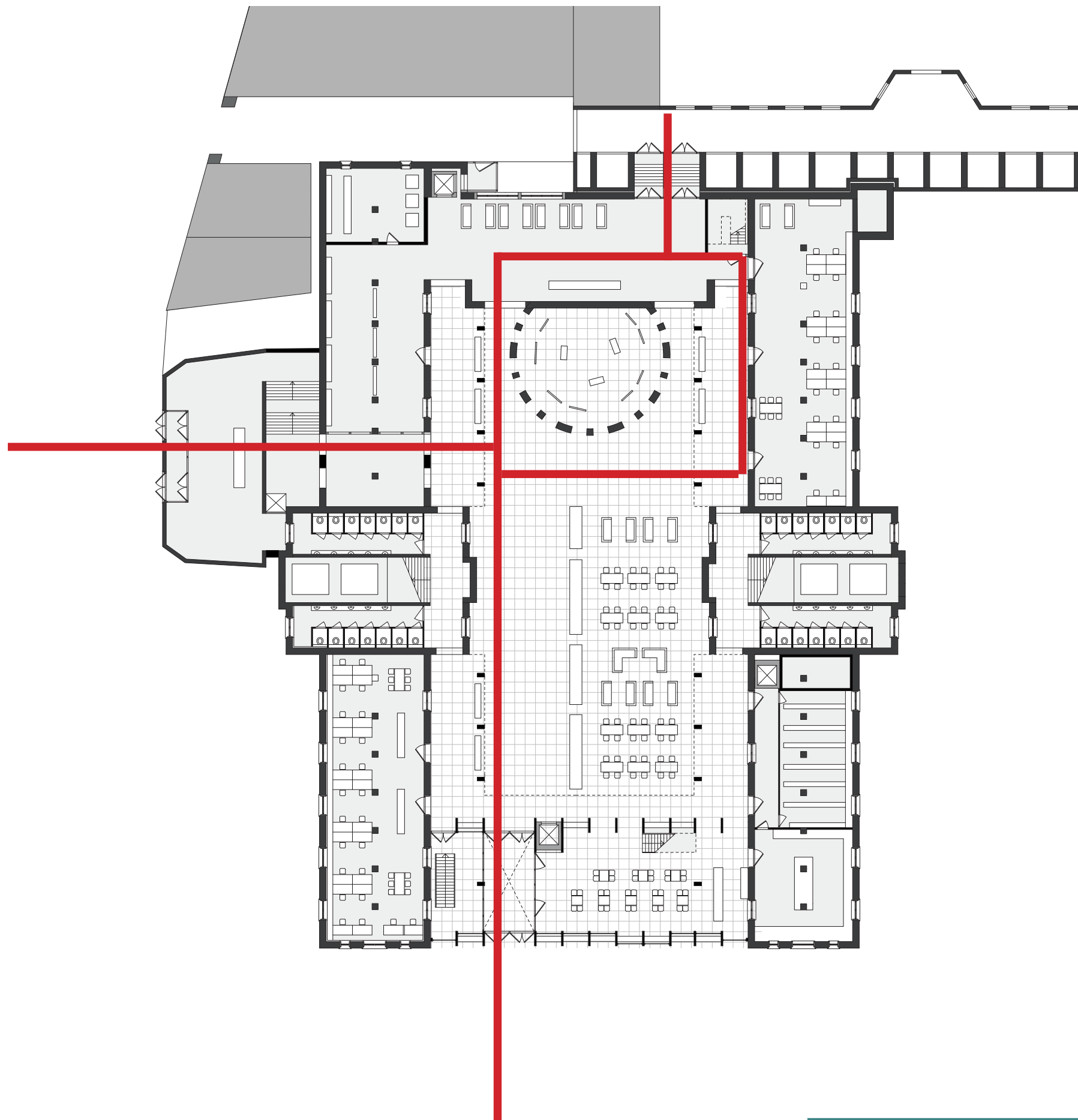
Study spaces

Meeting rooms

Toilets





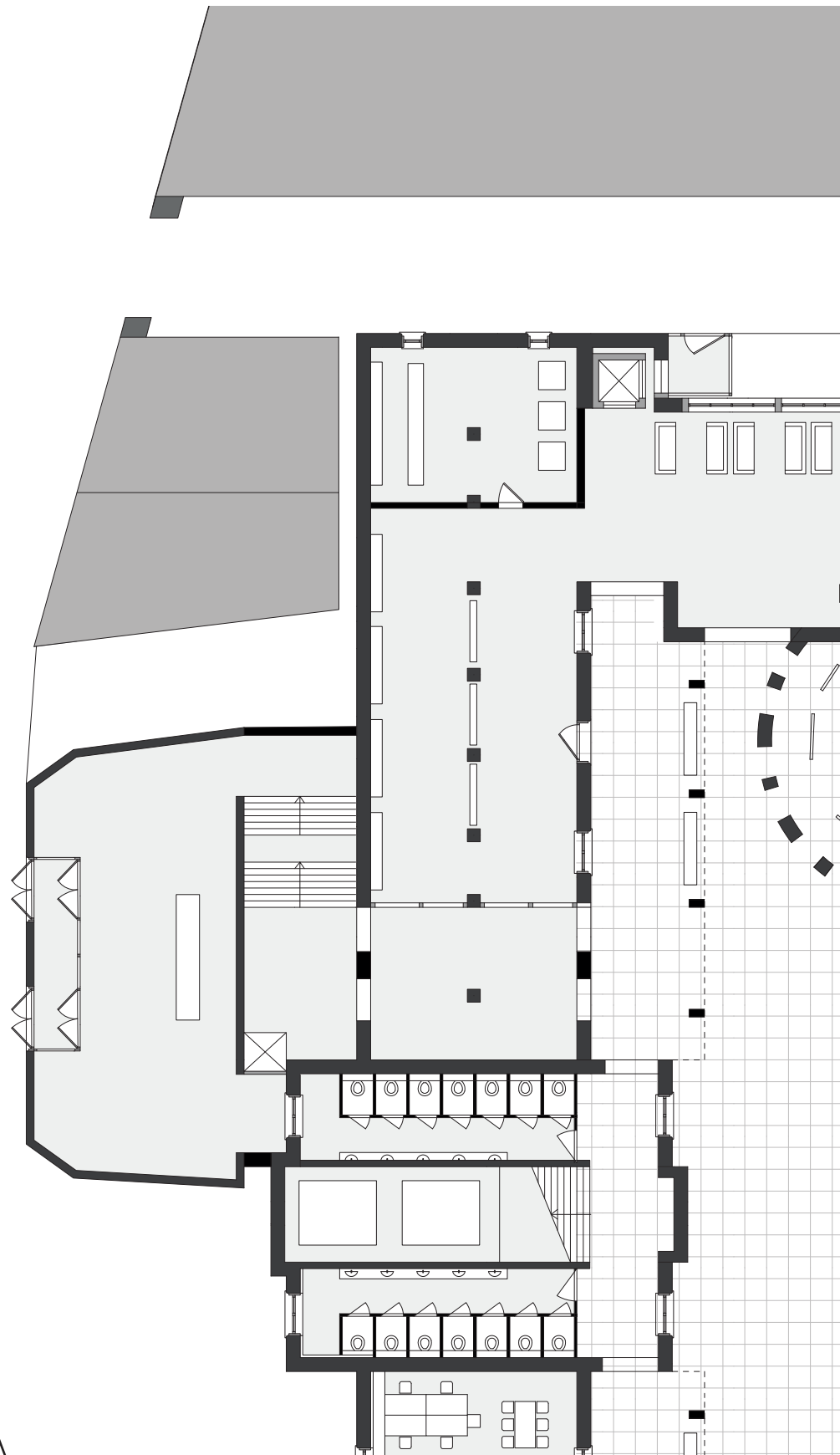






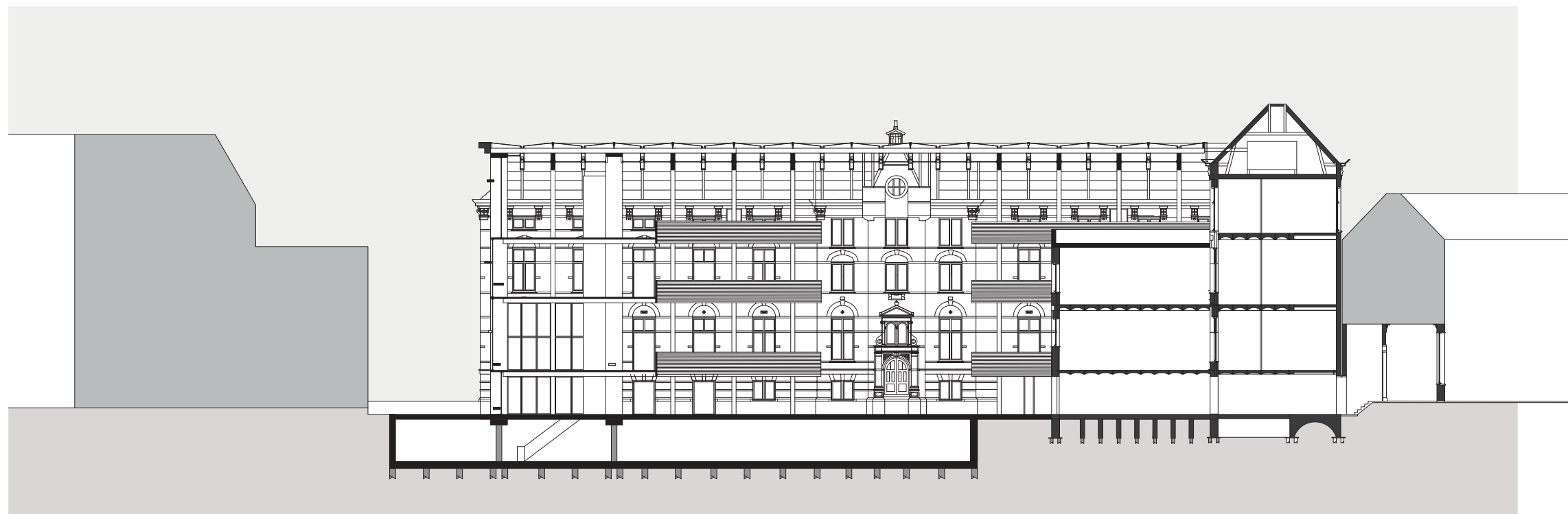
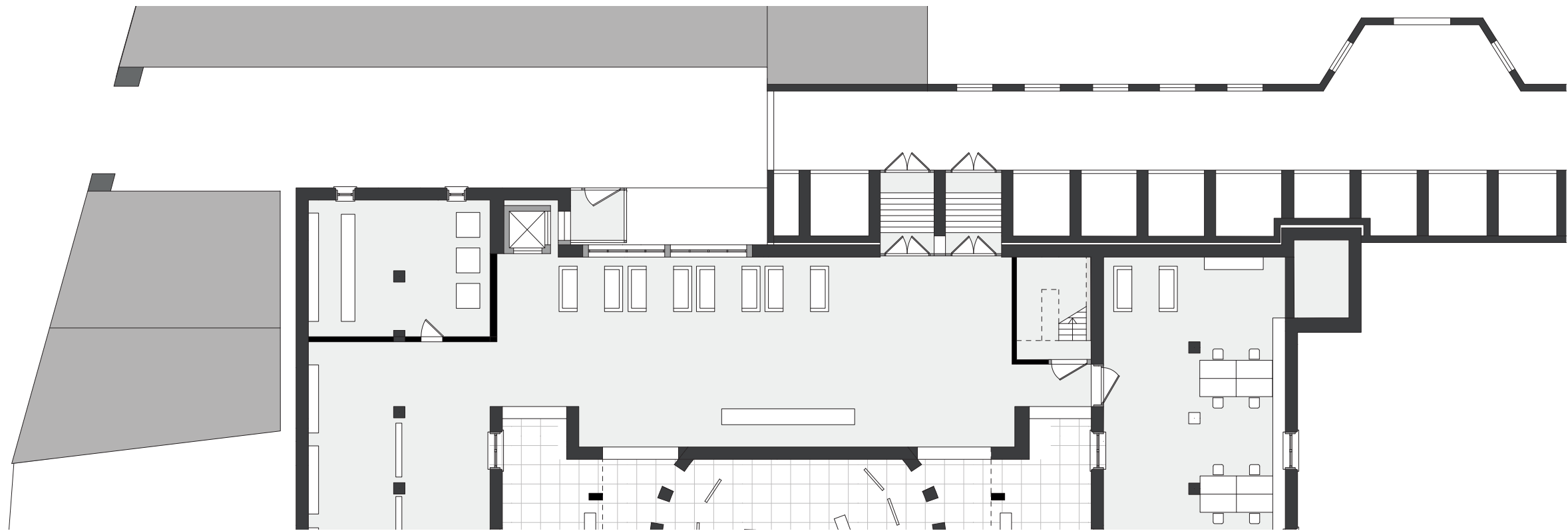


Official Entrance

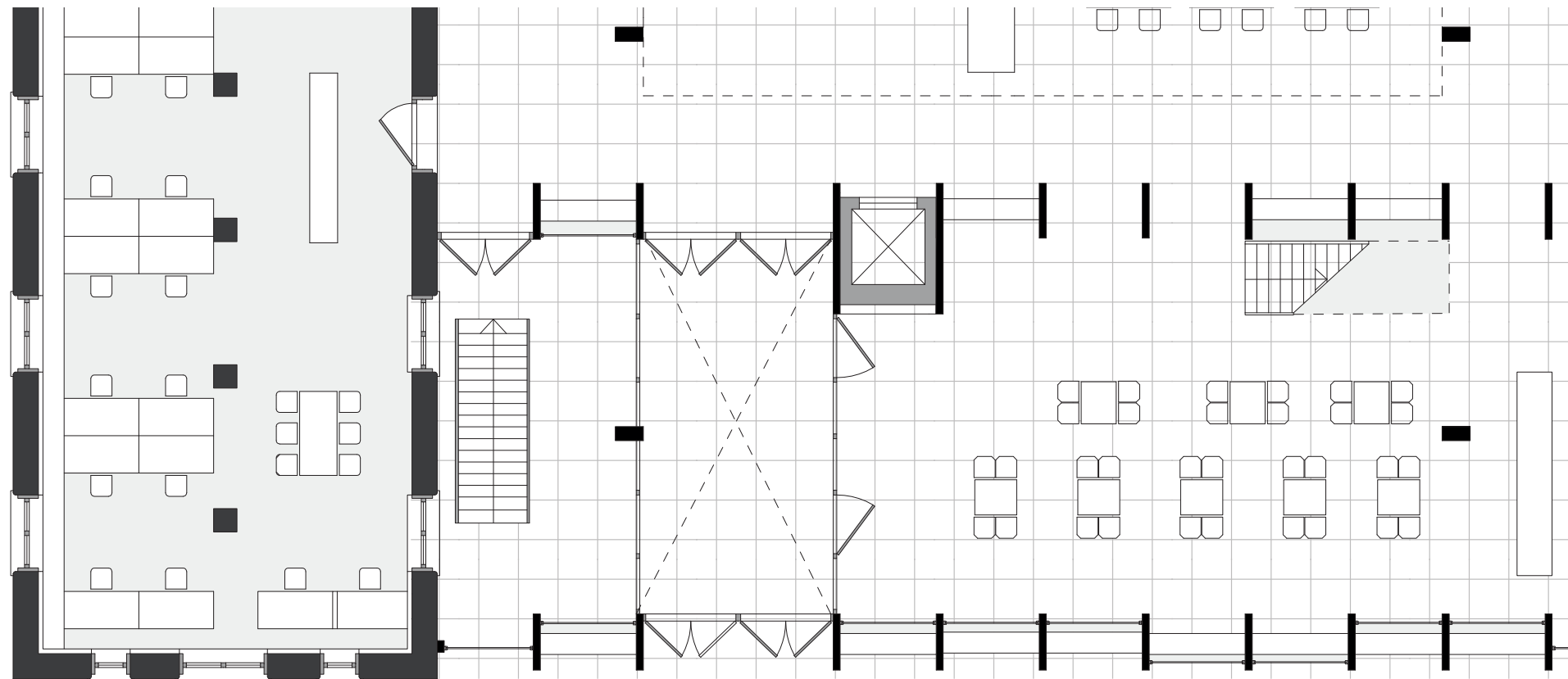




Alley Entrance

Alley Entrance

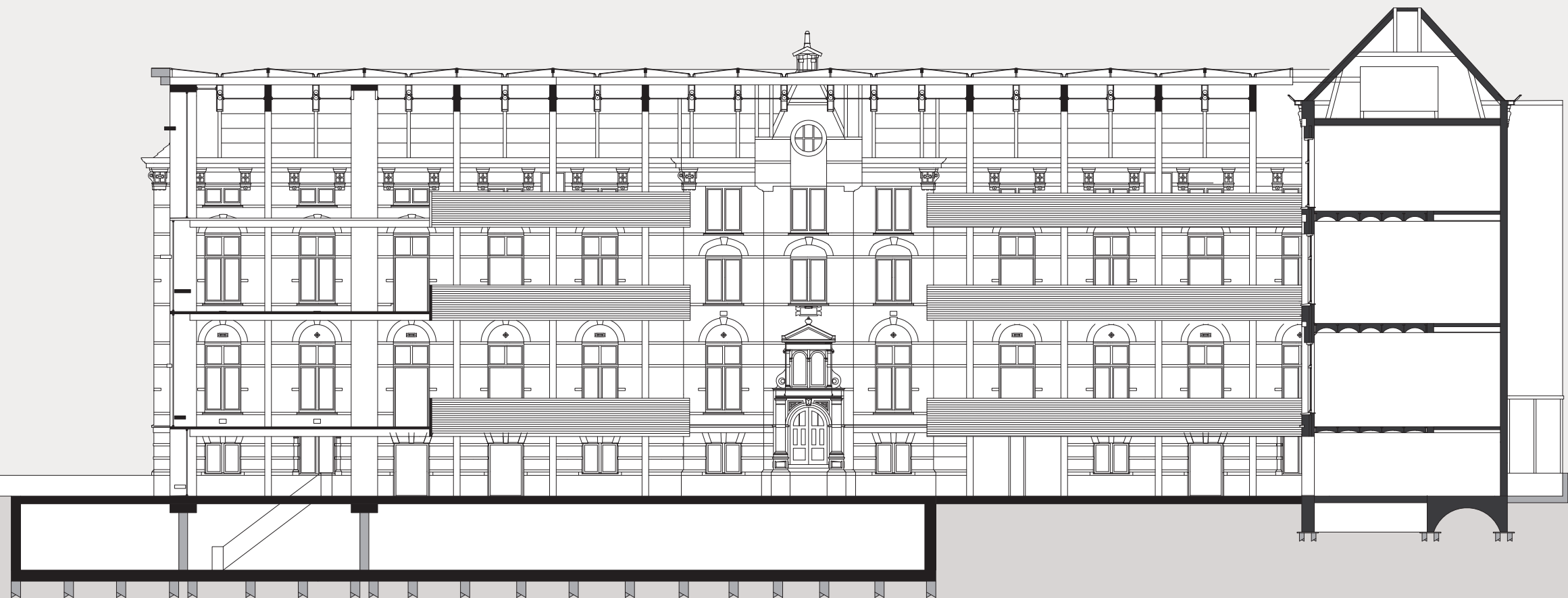




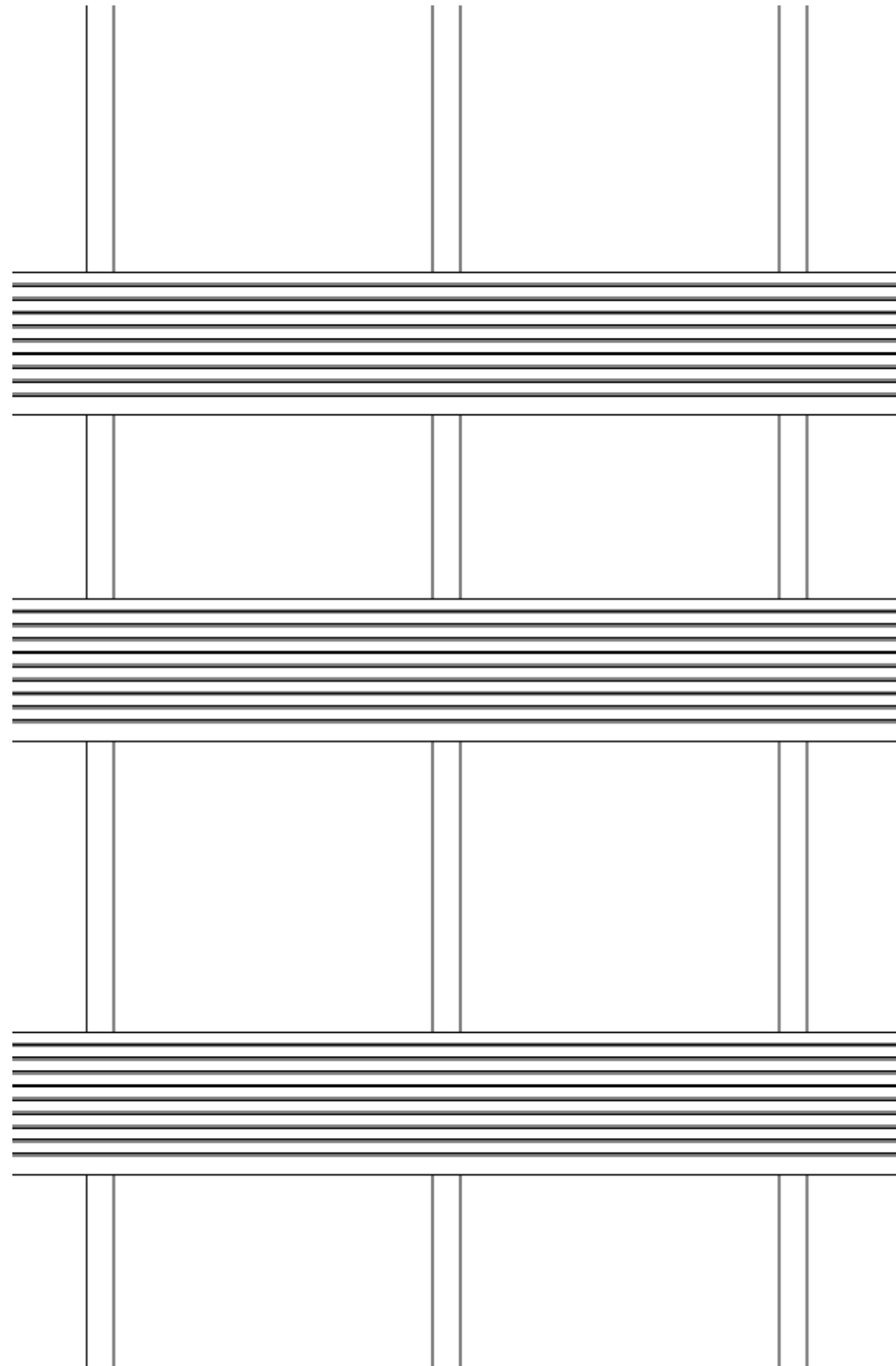










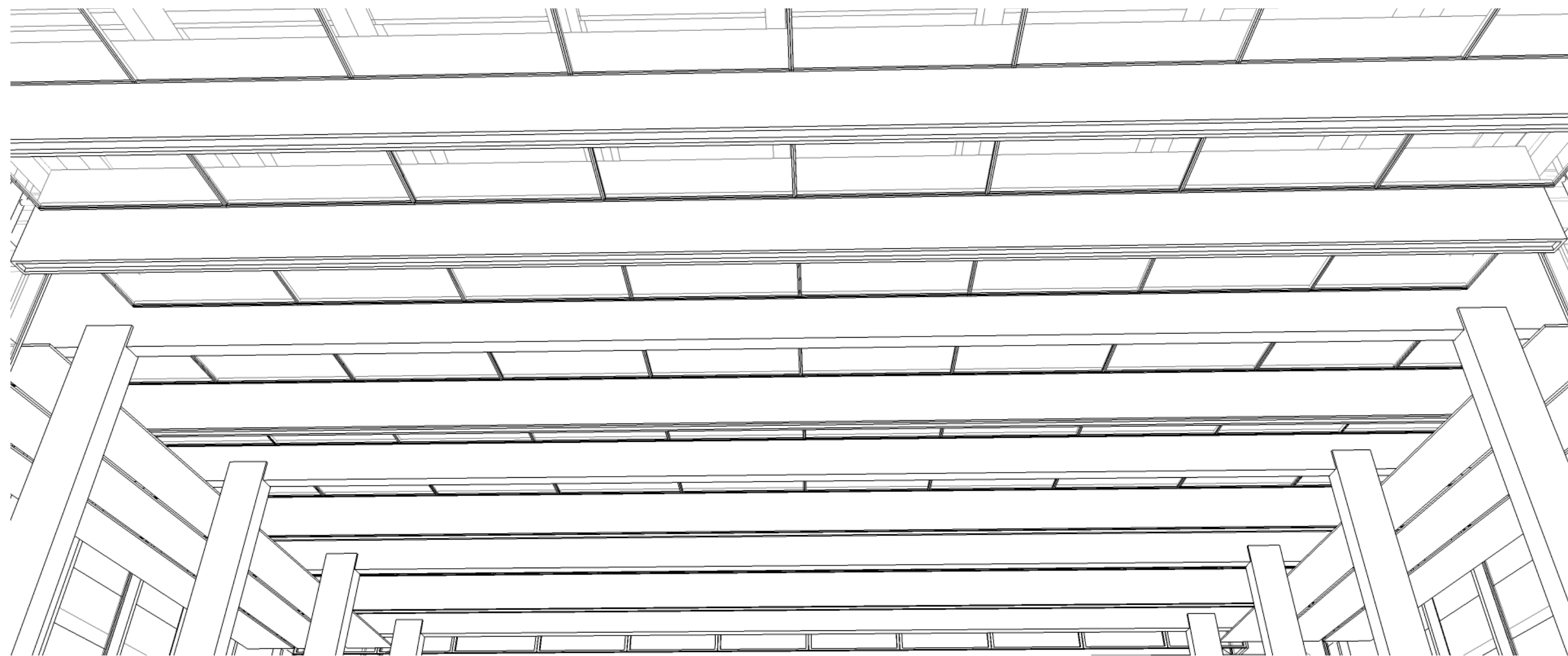




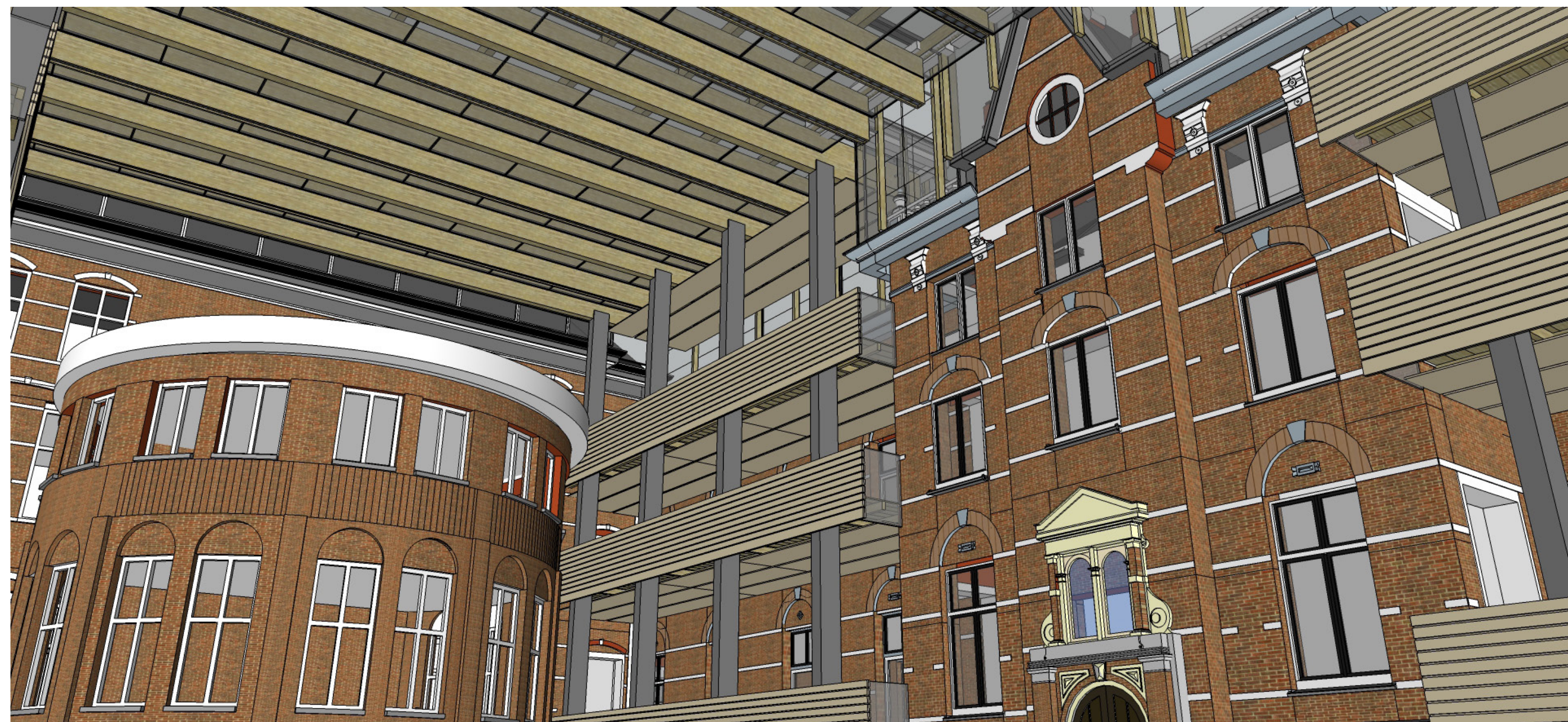
---

Atrium



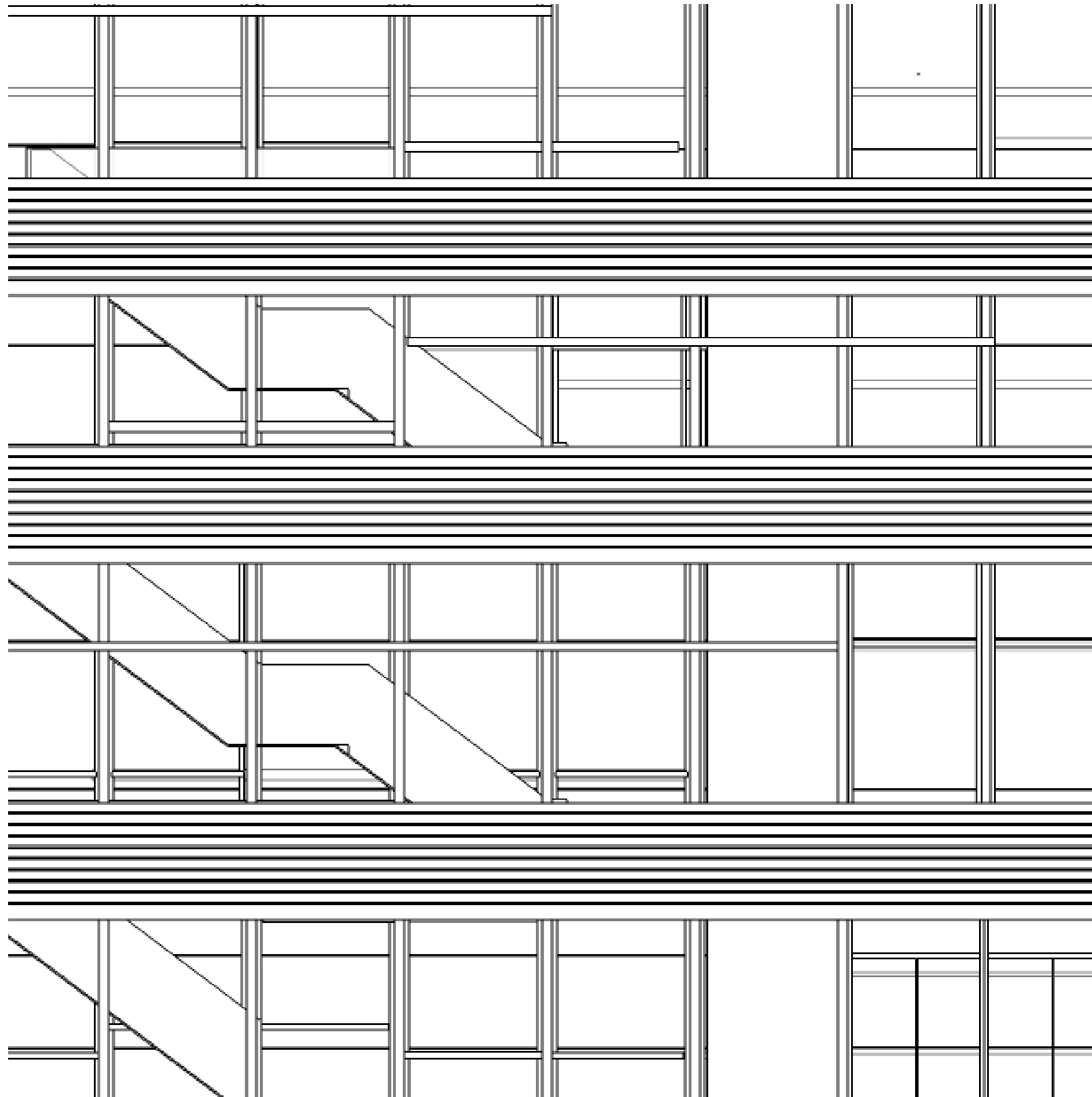








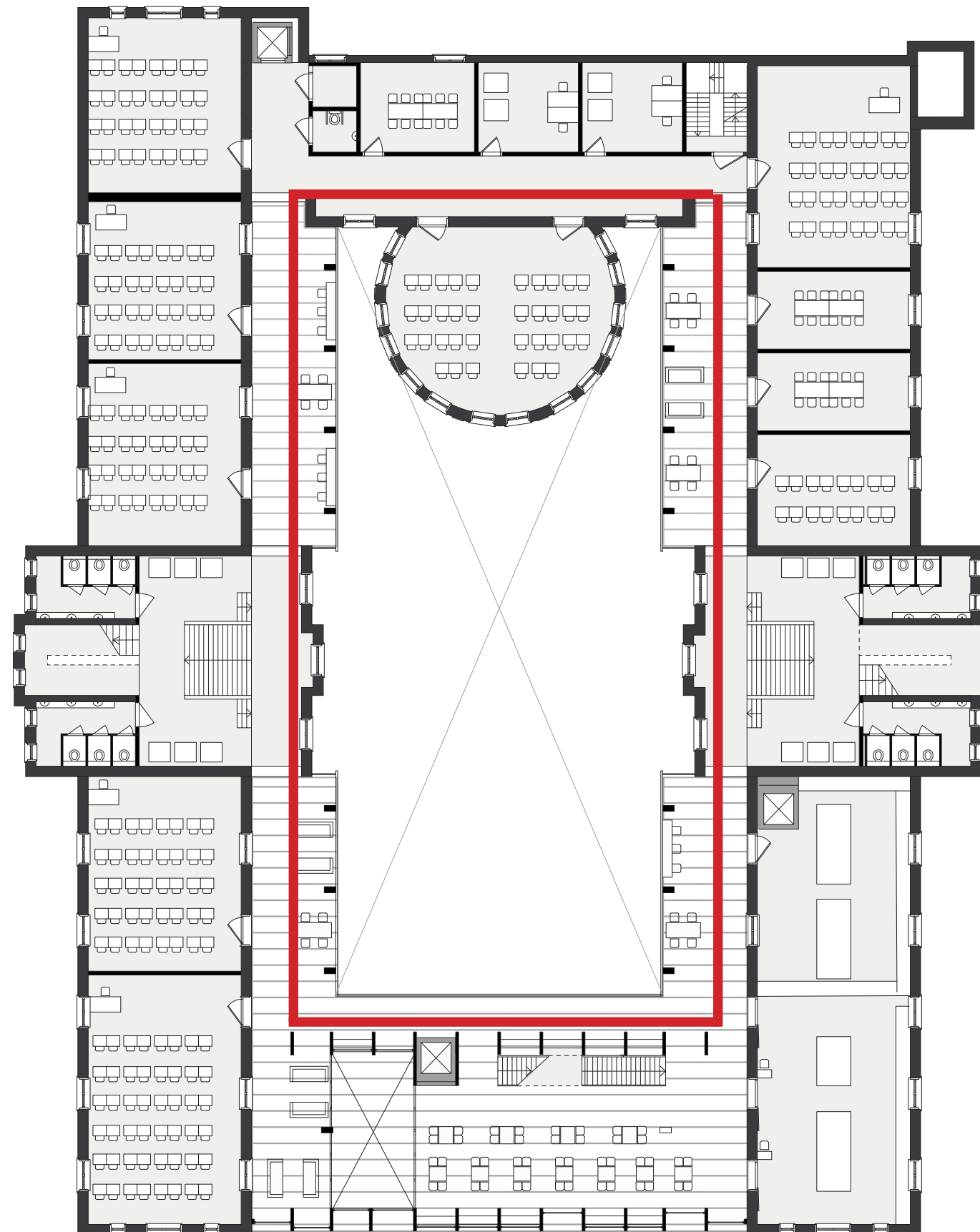
## Atrium





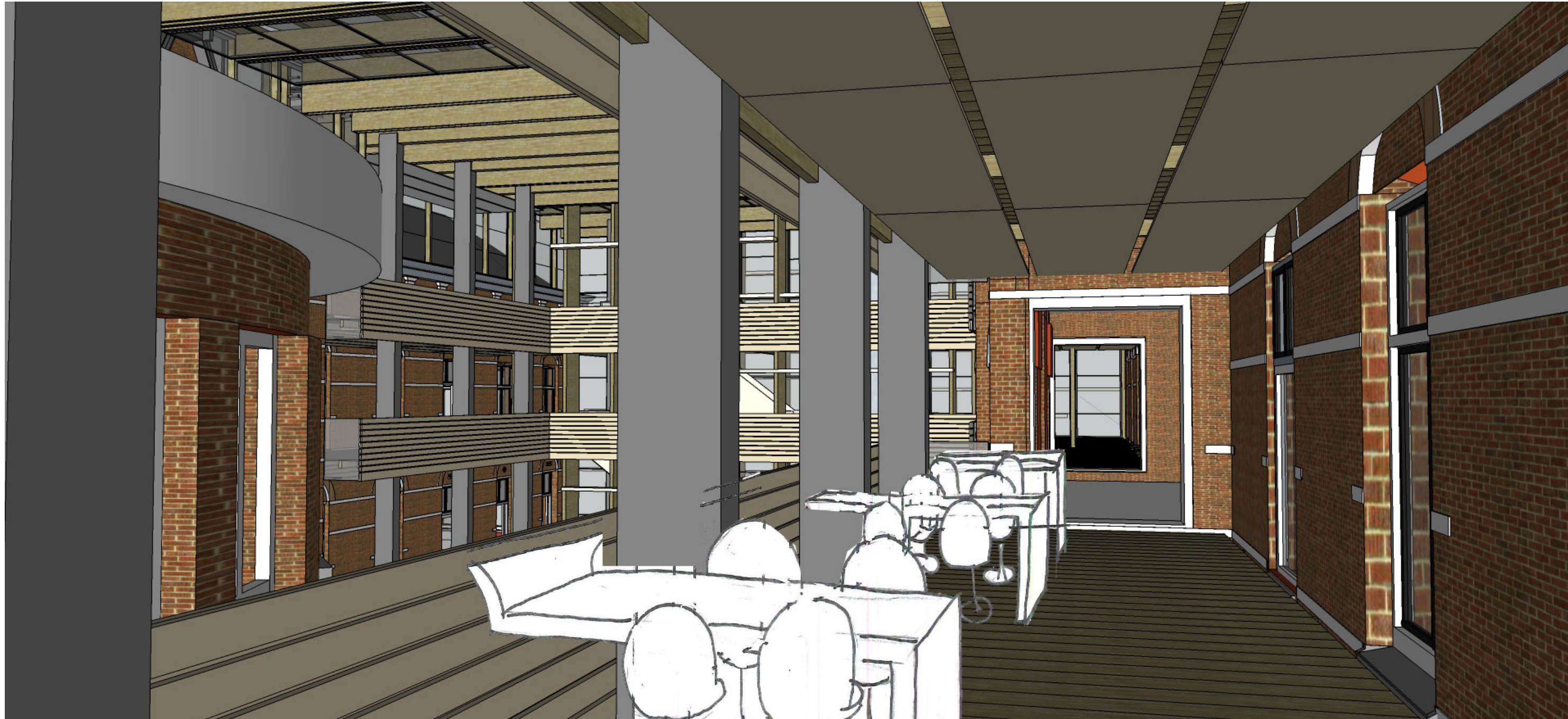
Atrium









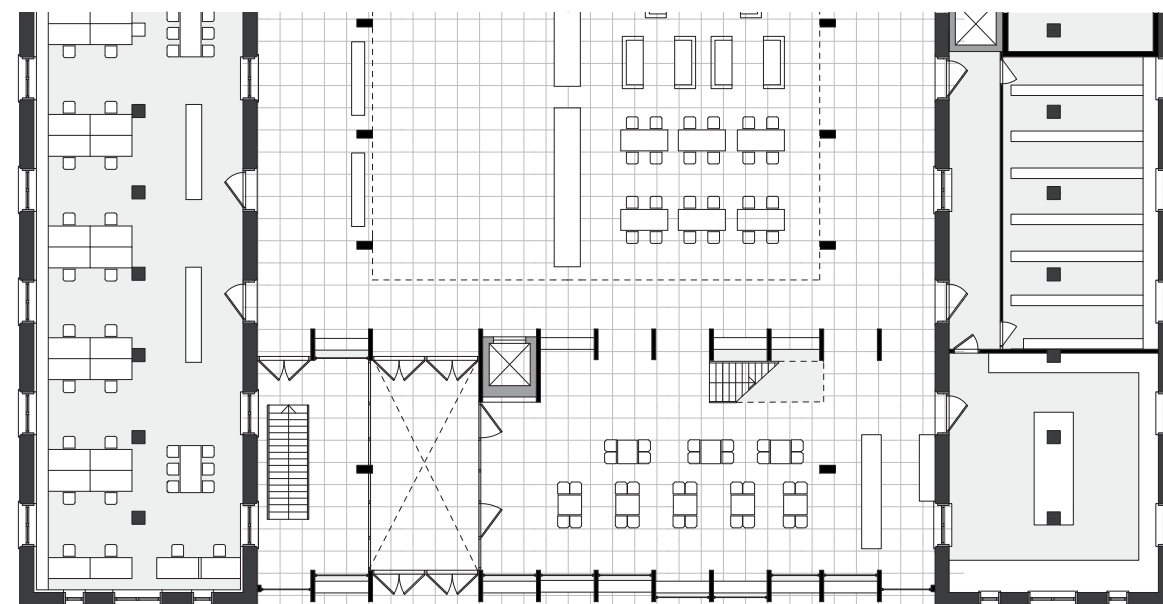
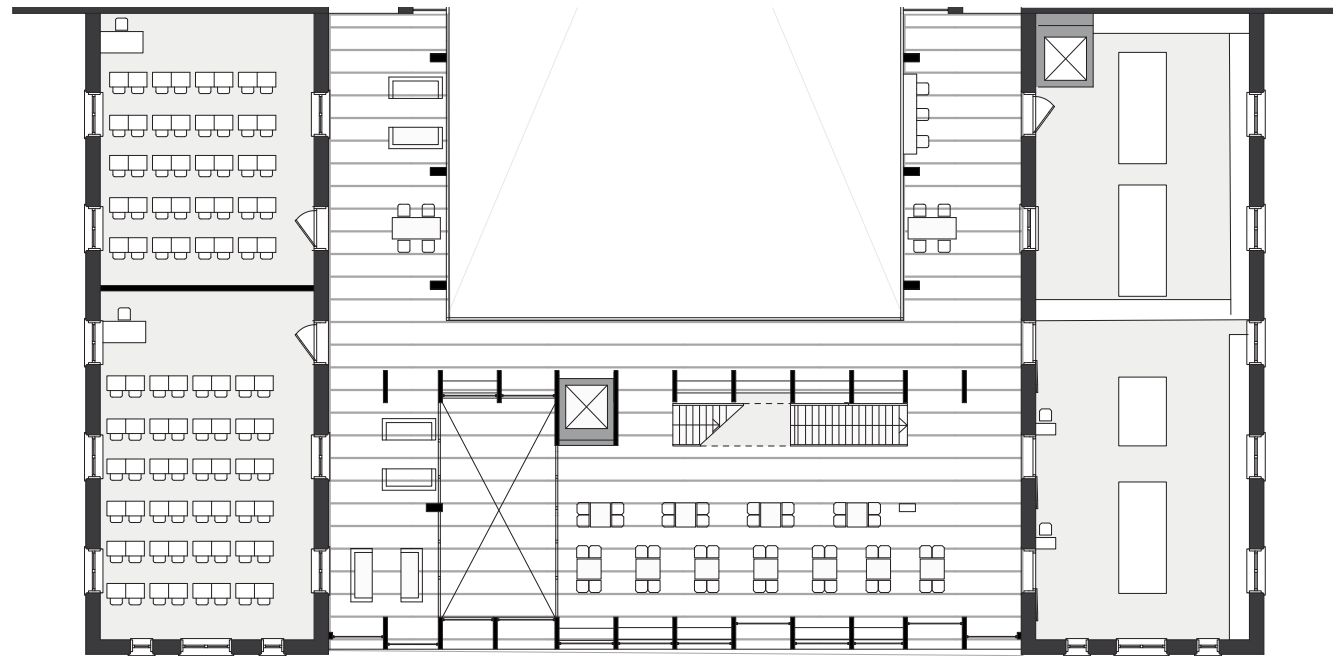




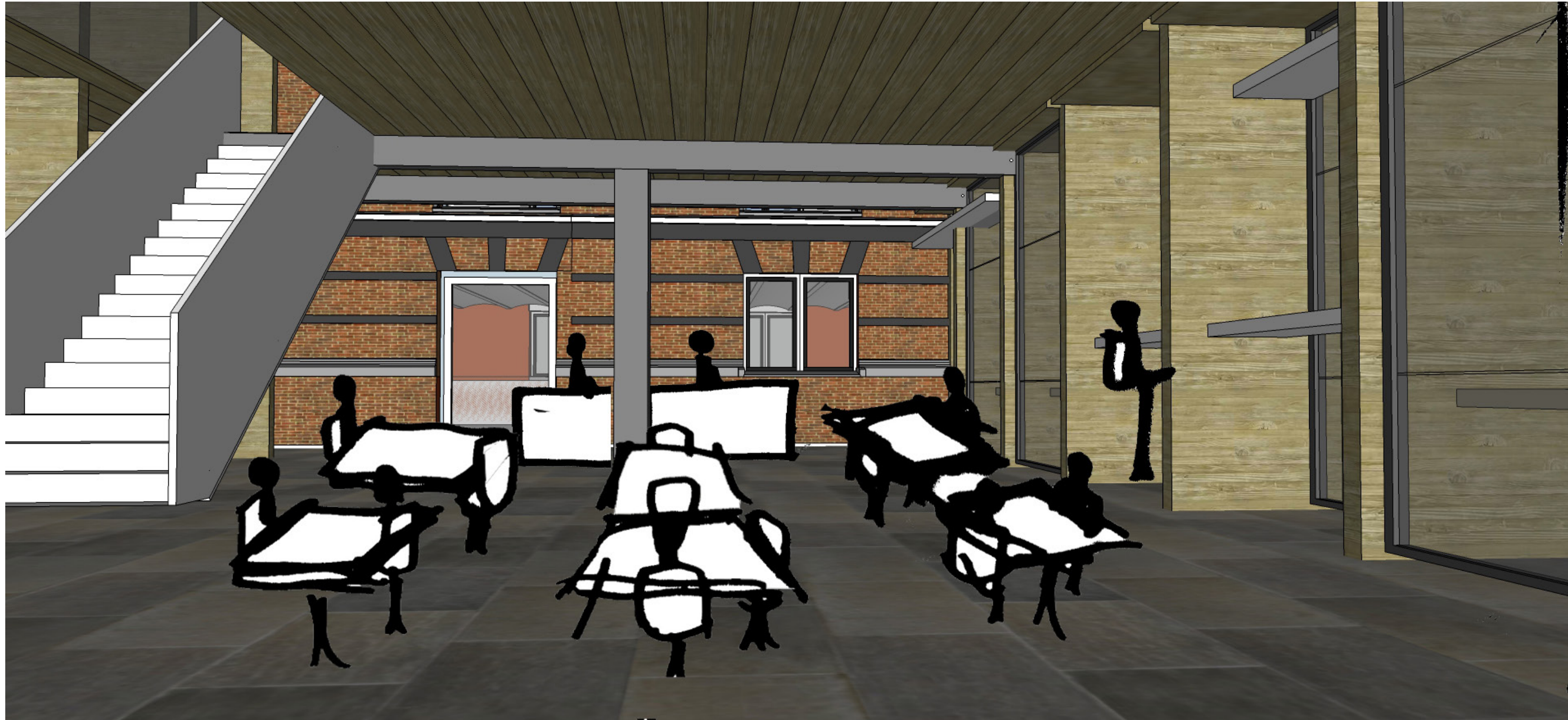




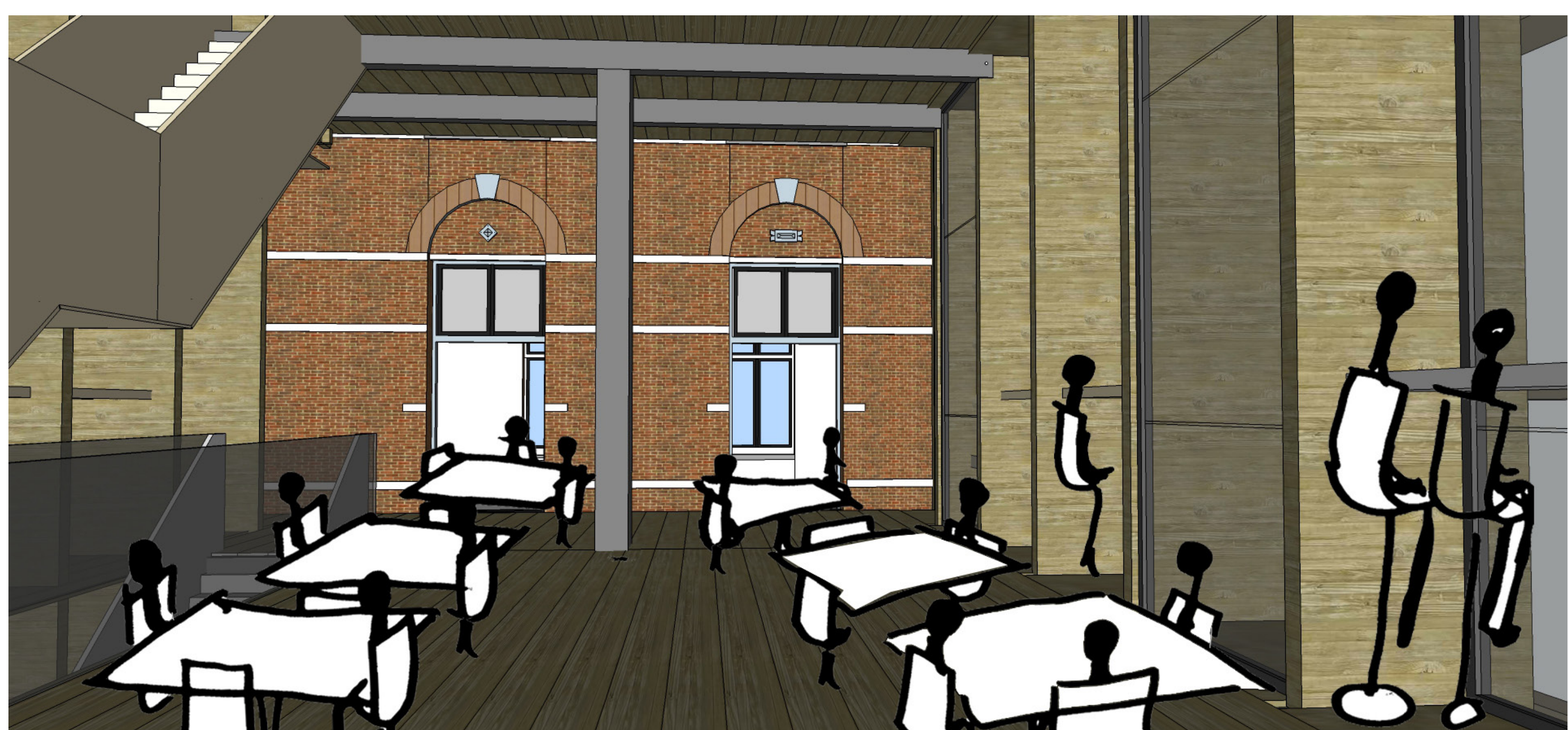




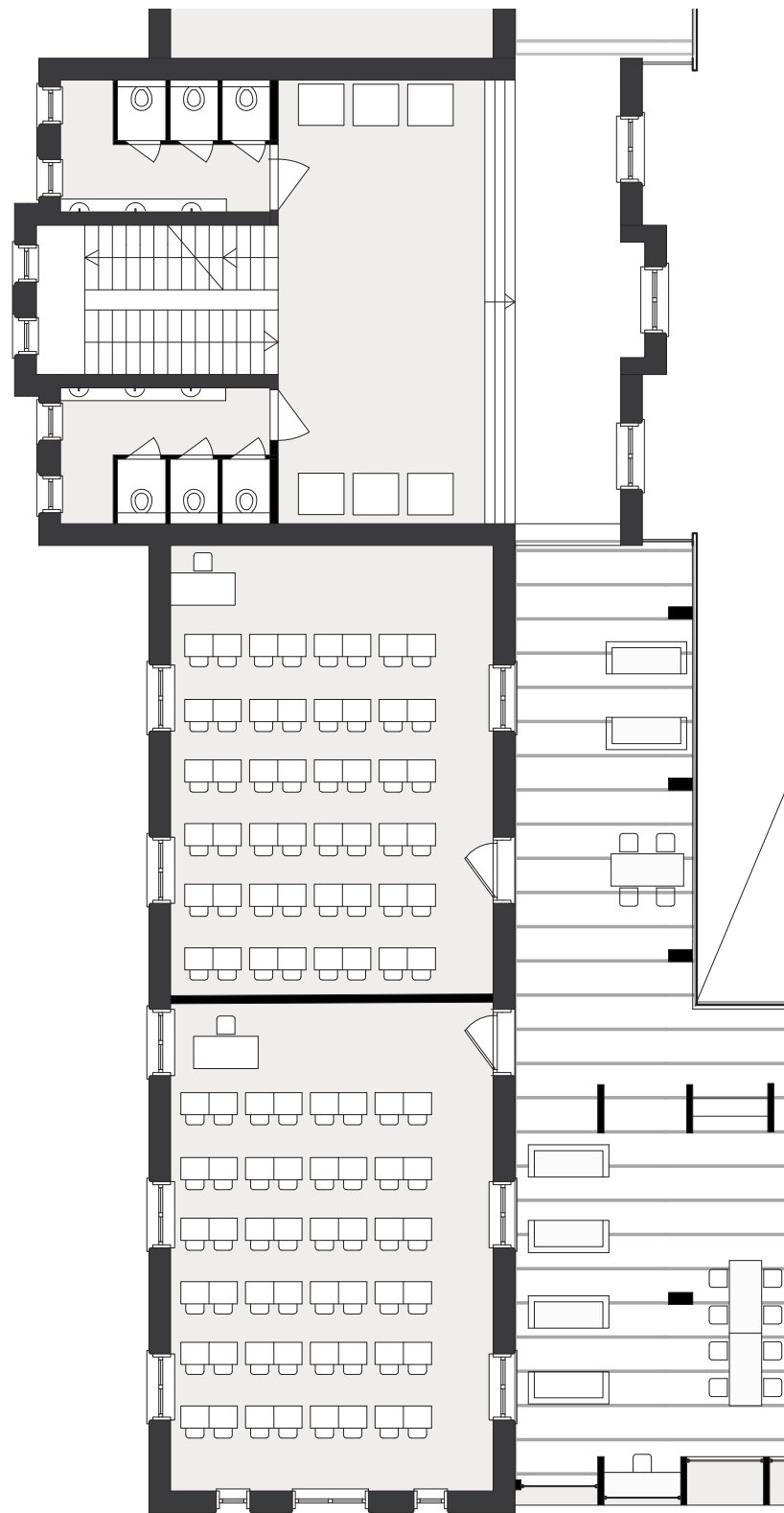




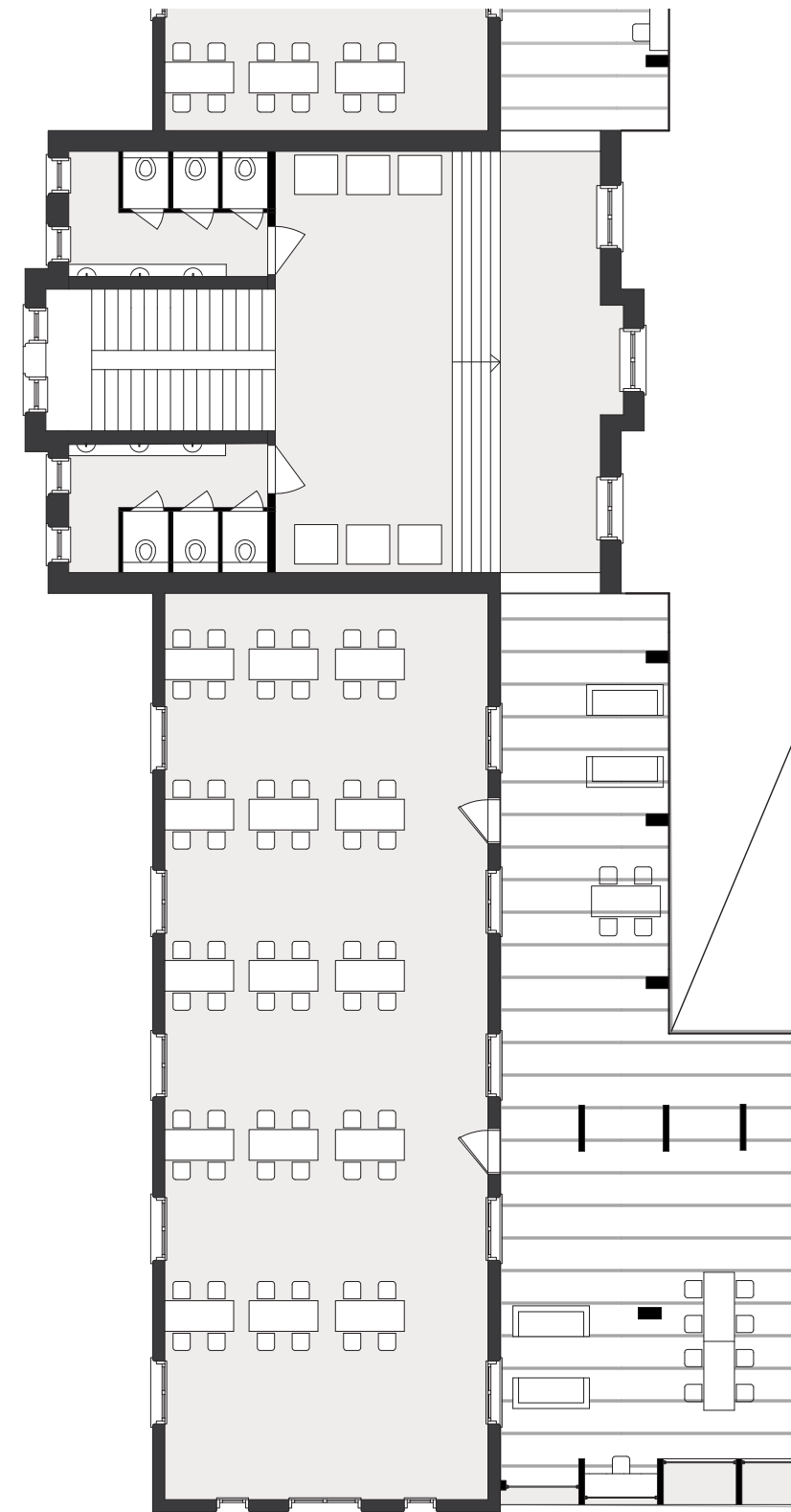






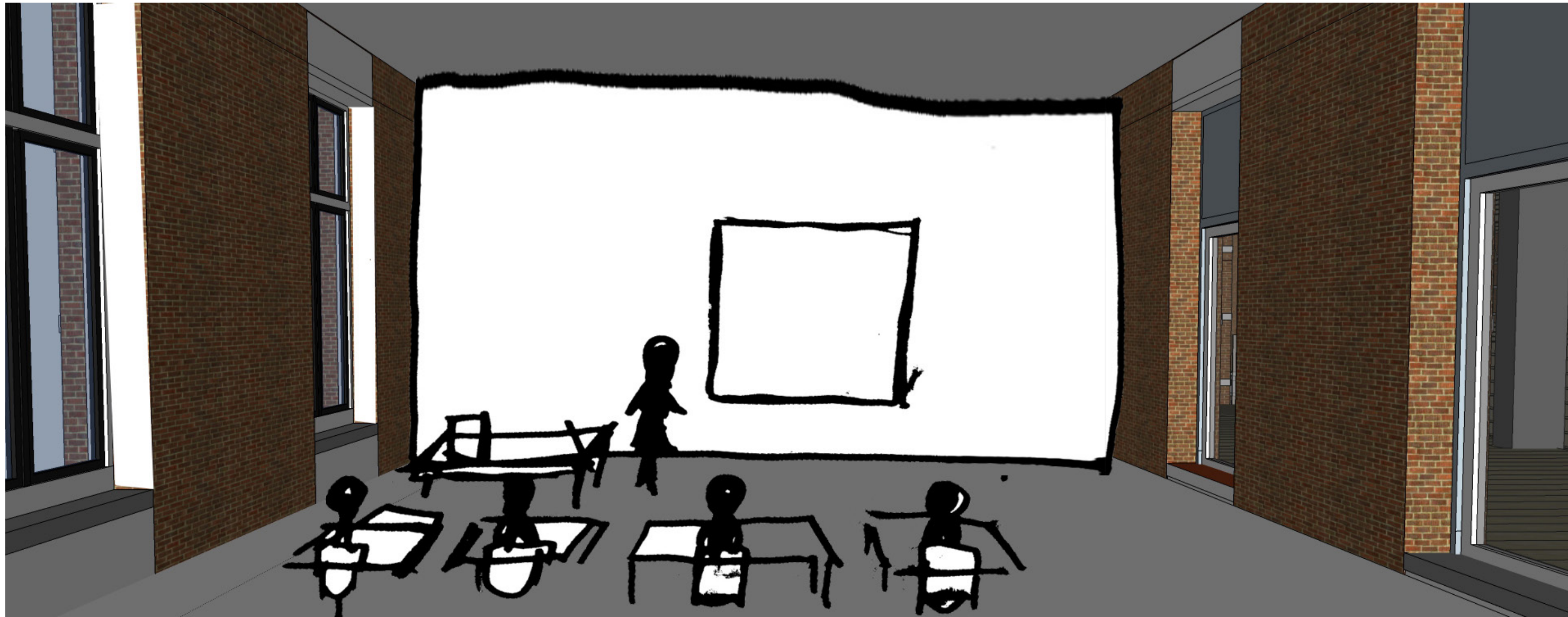


second floor

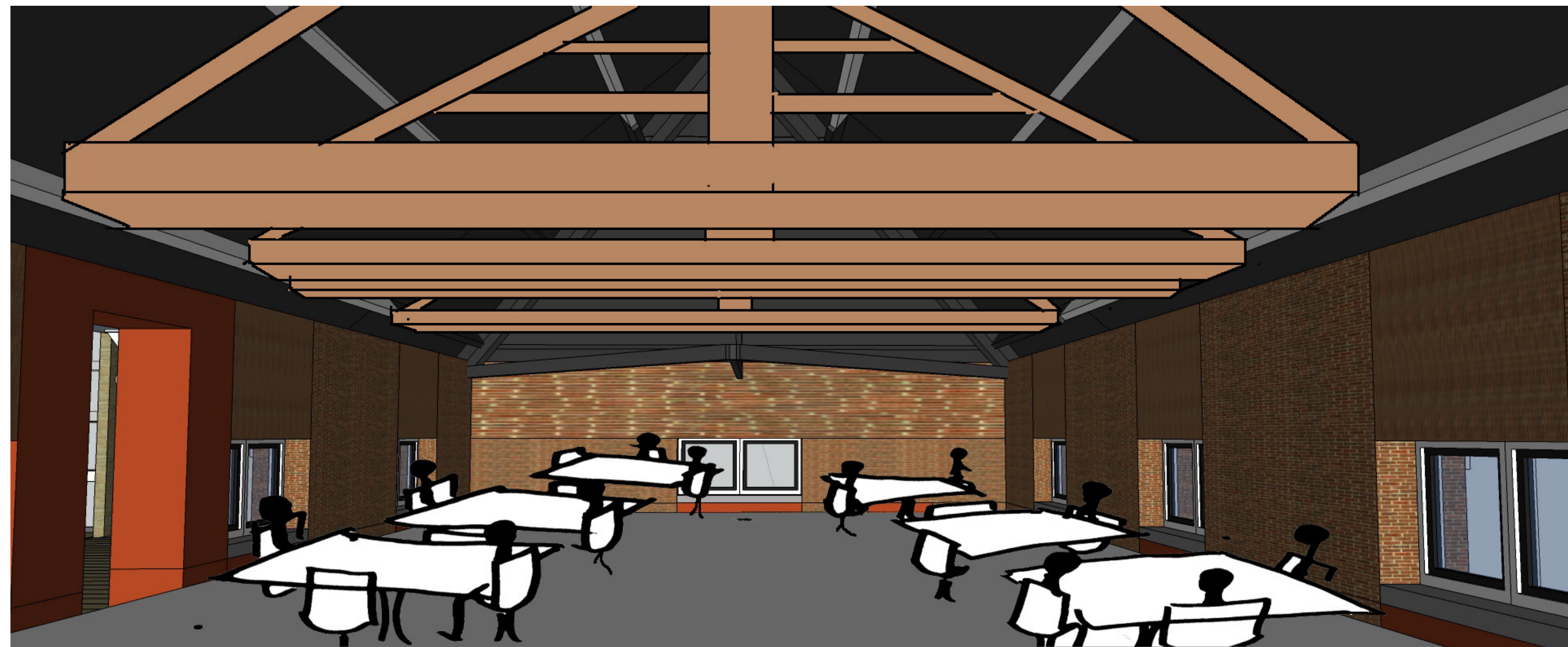


Third floor

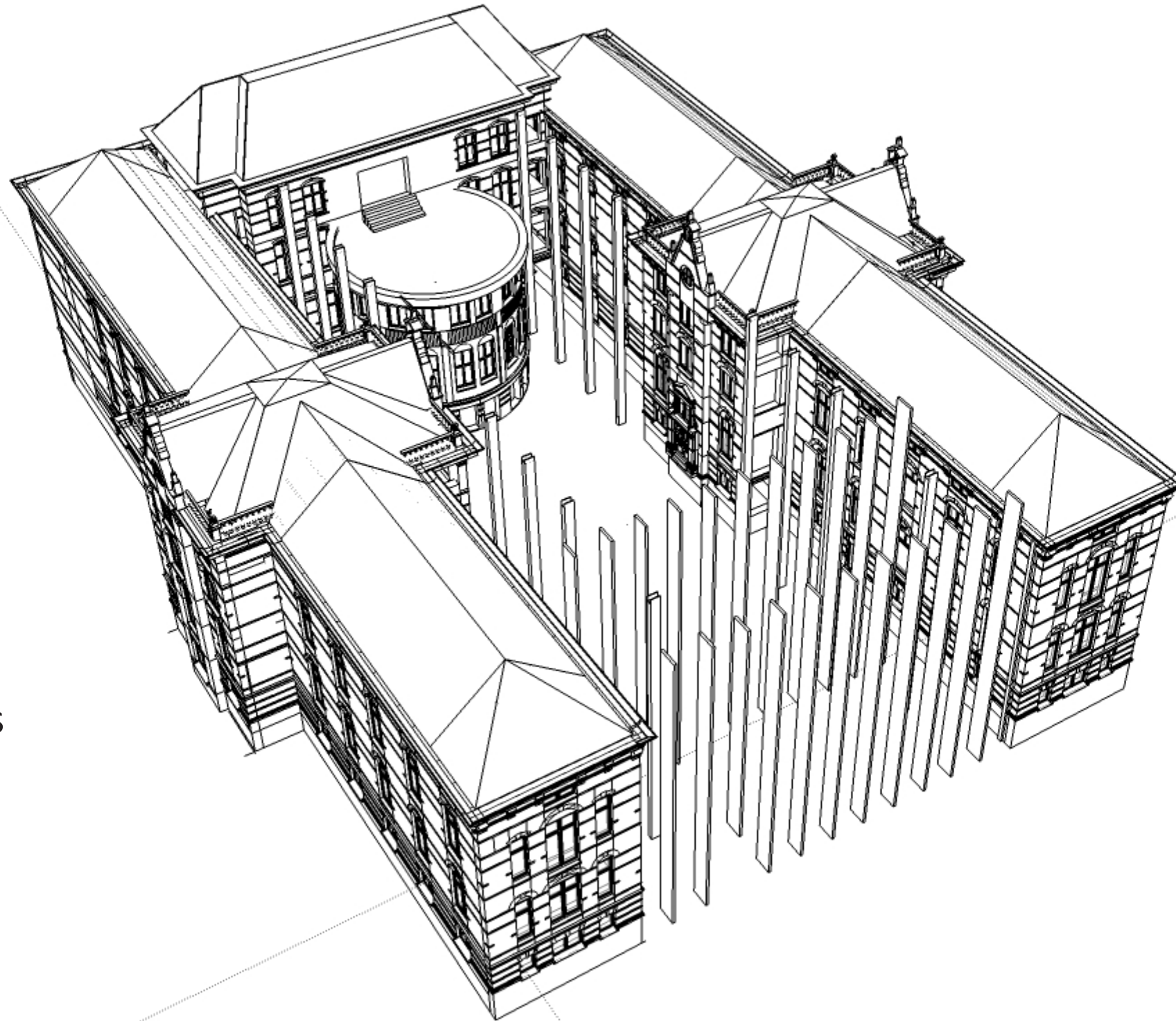






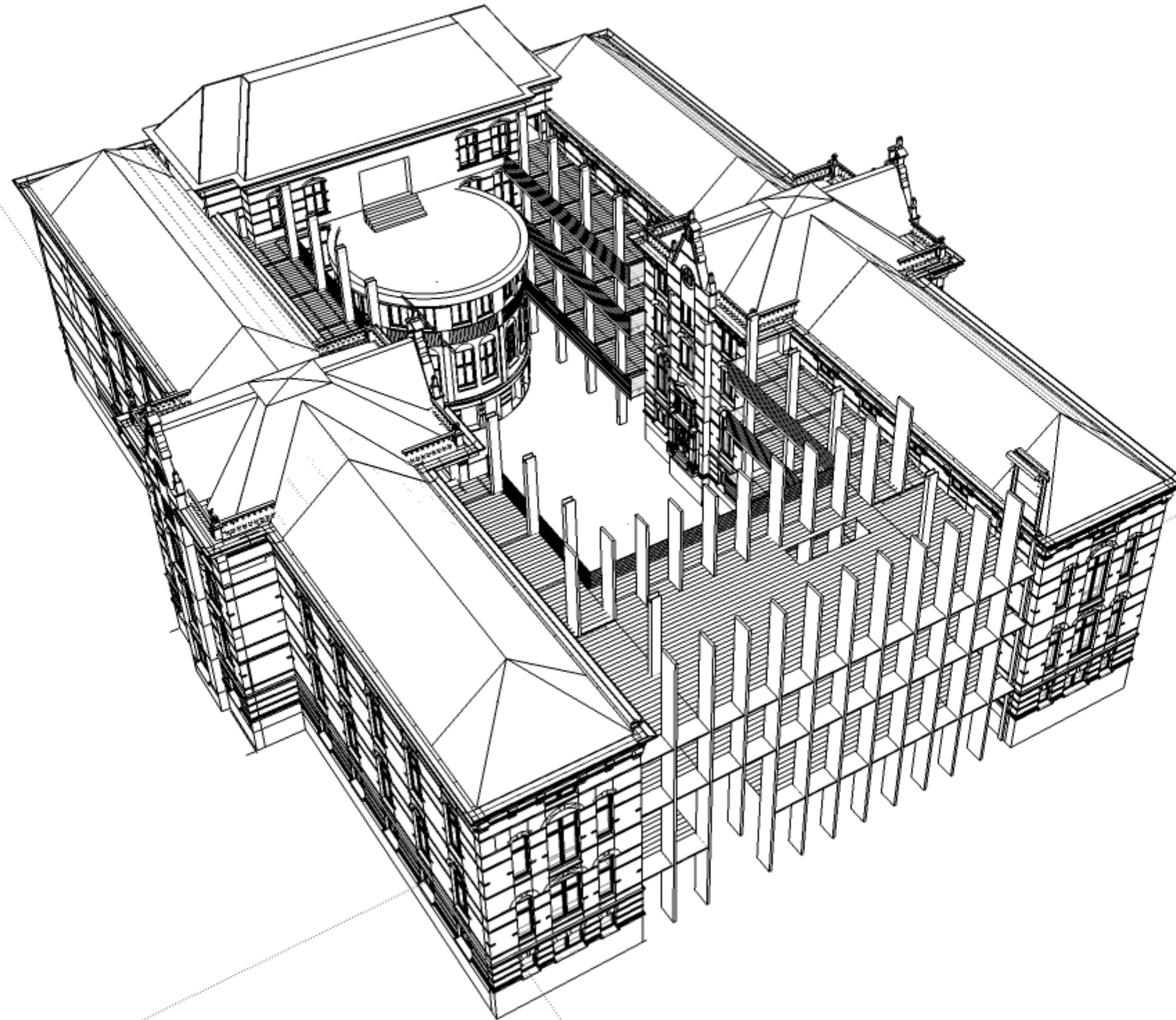


Columns  
Steel

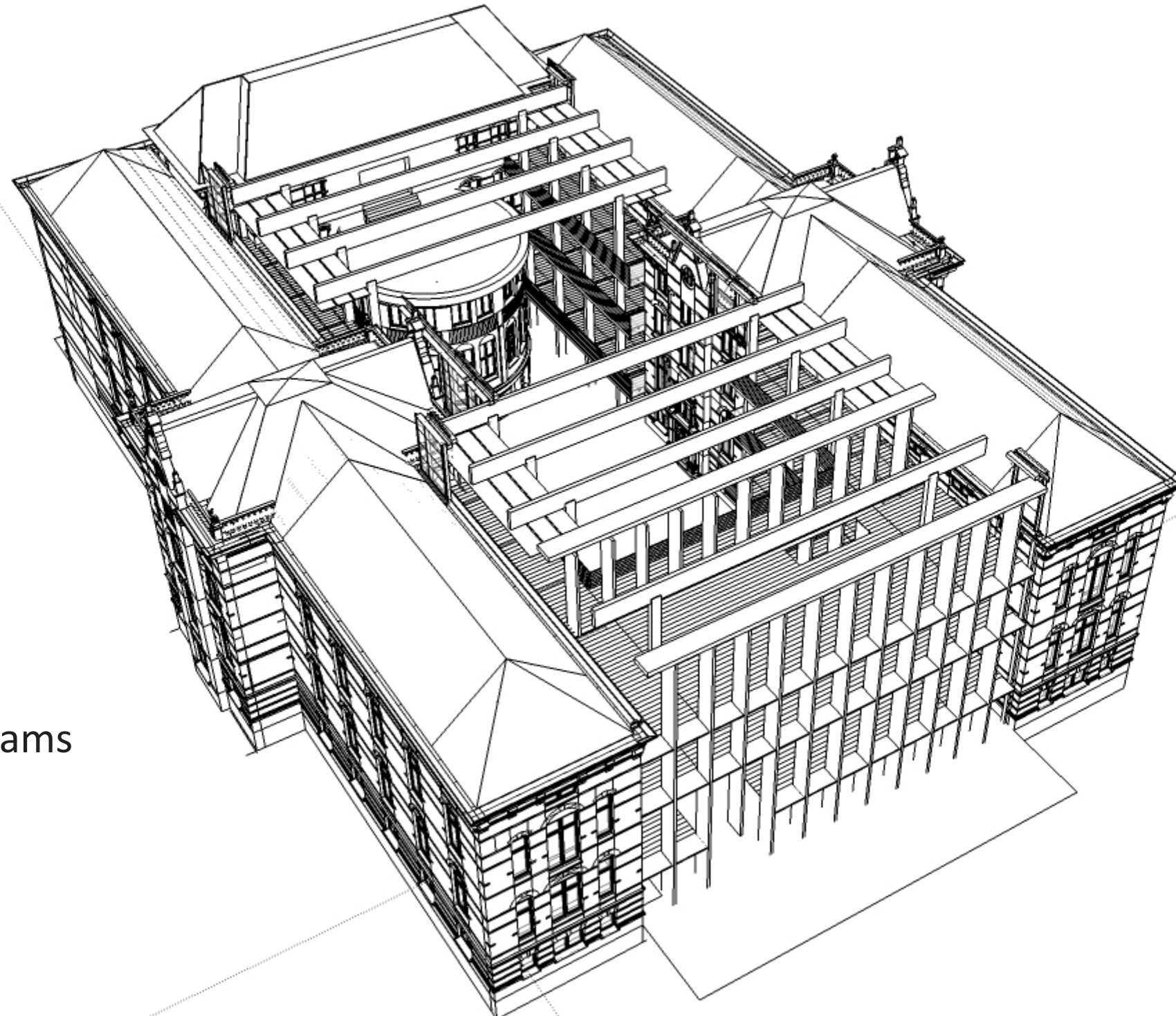




Floors  
Wood

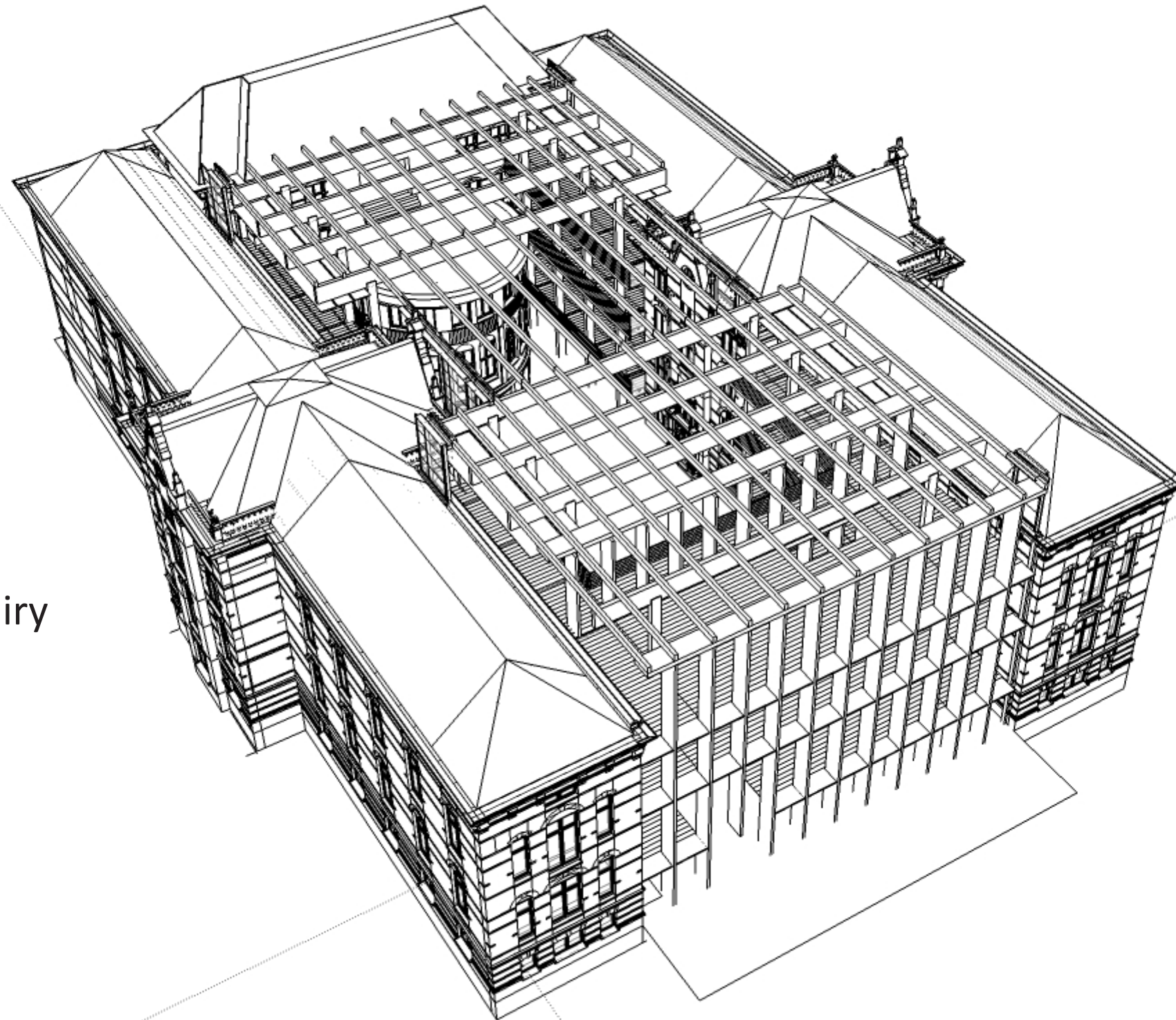


Main Beams  
Wood

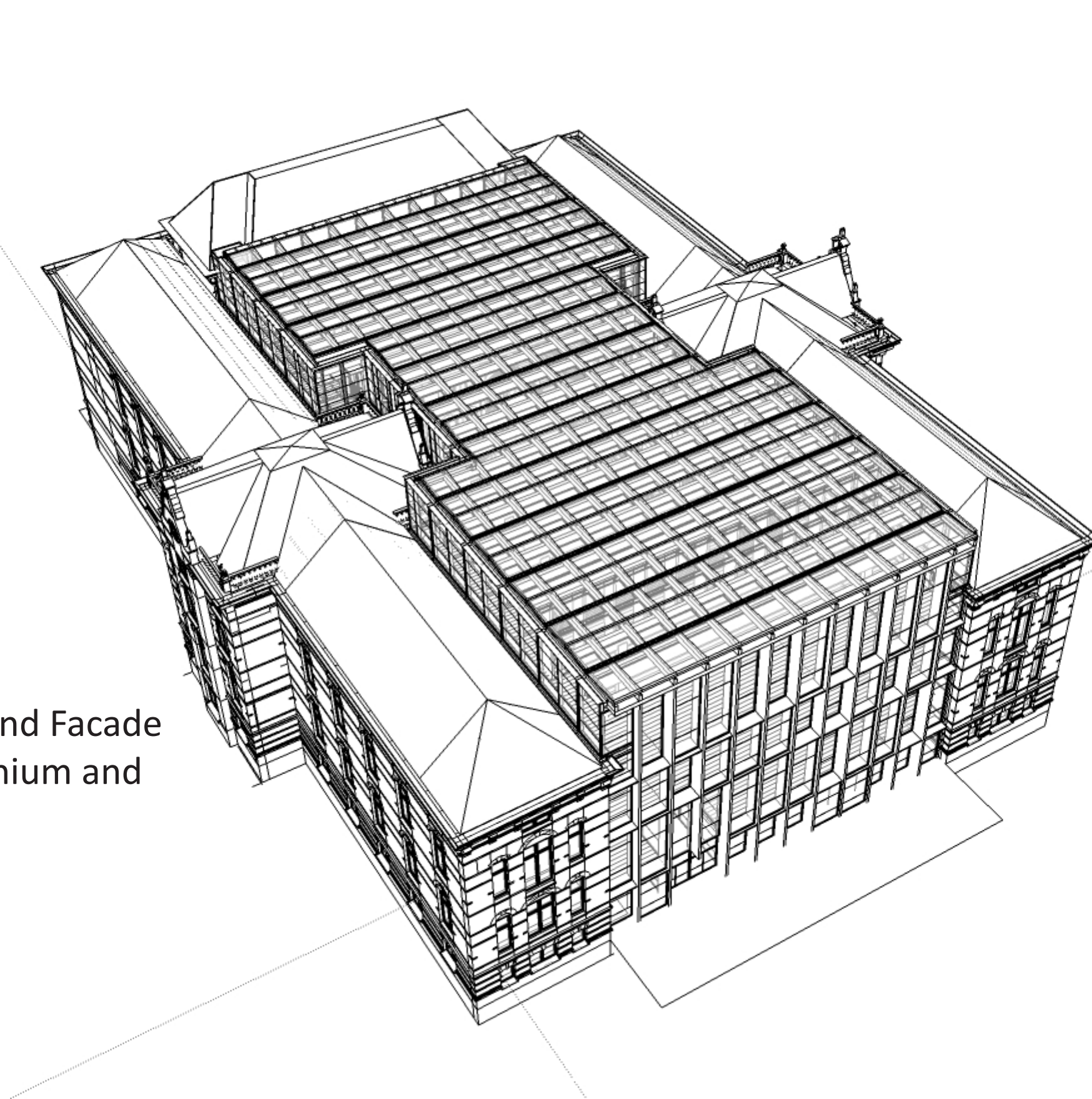




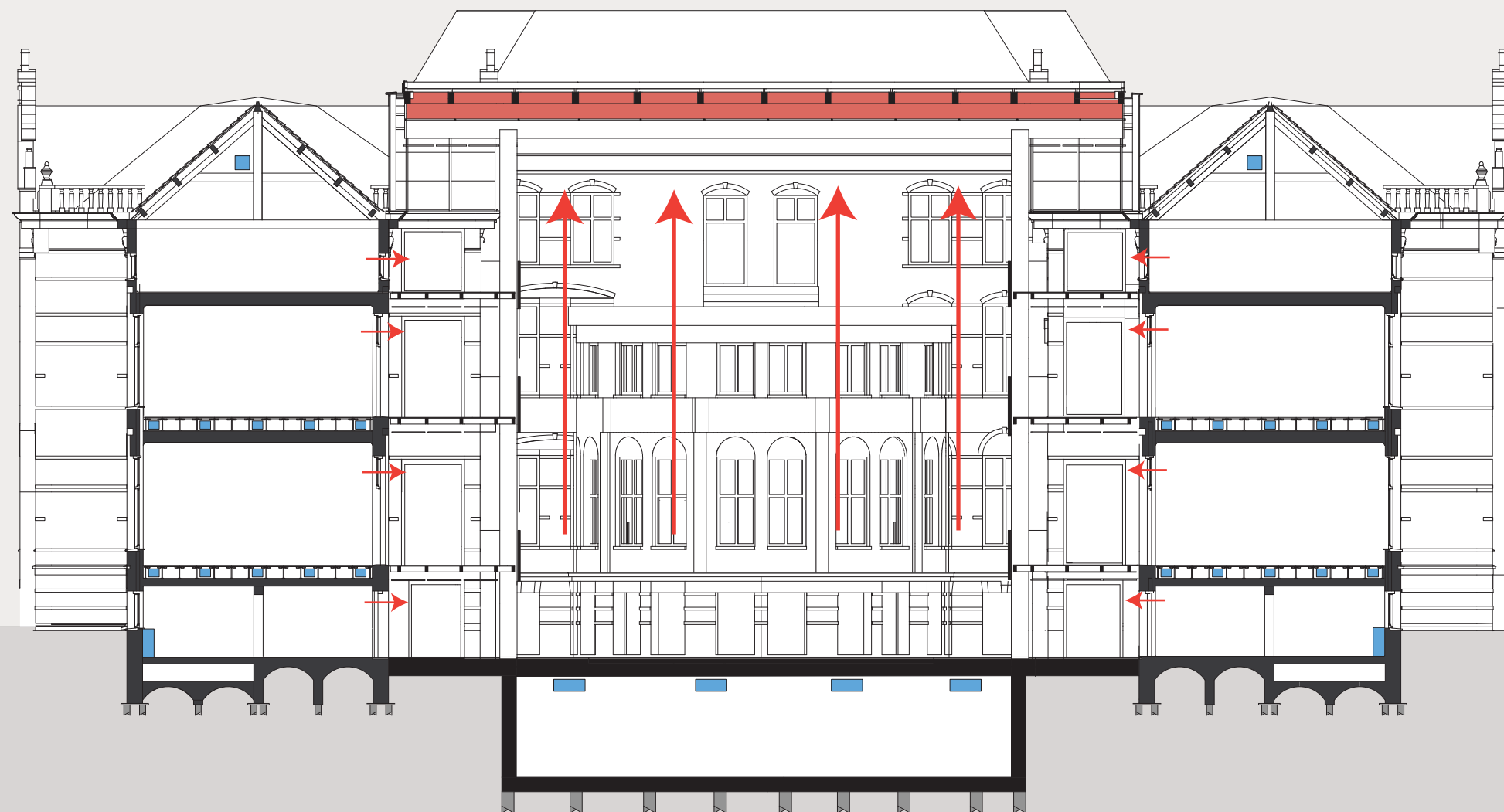
Secondary  
Beams  
Wood

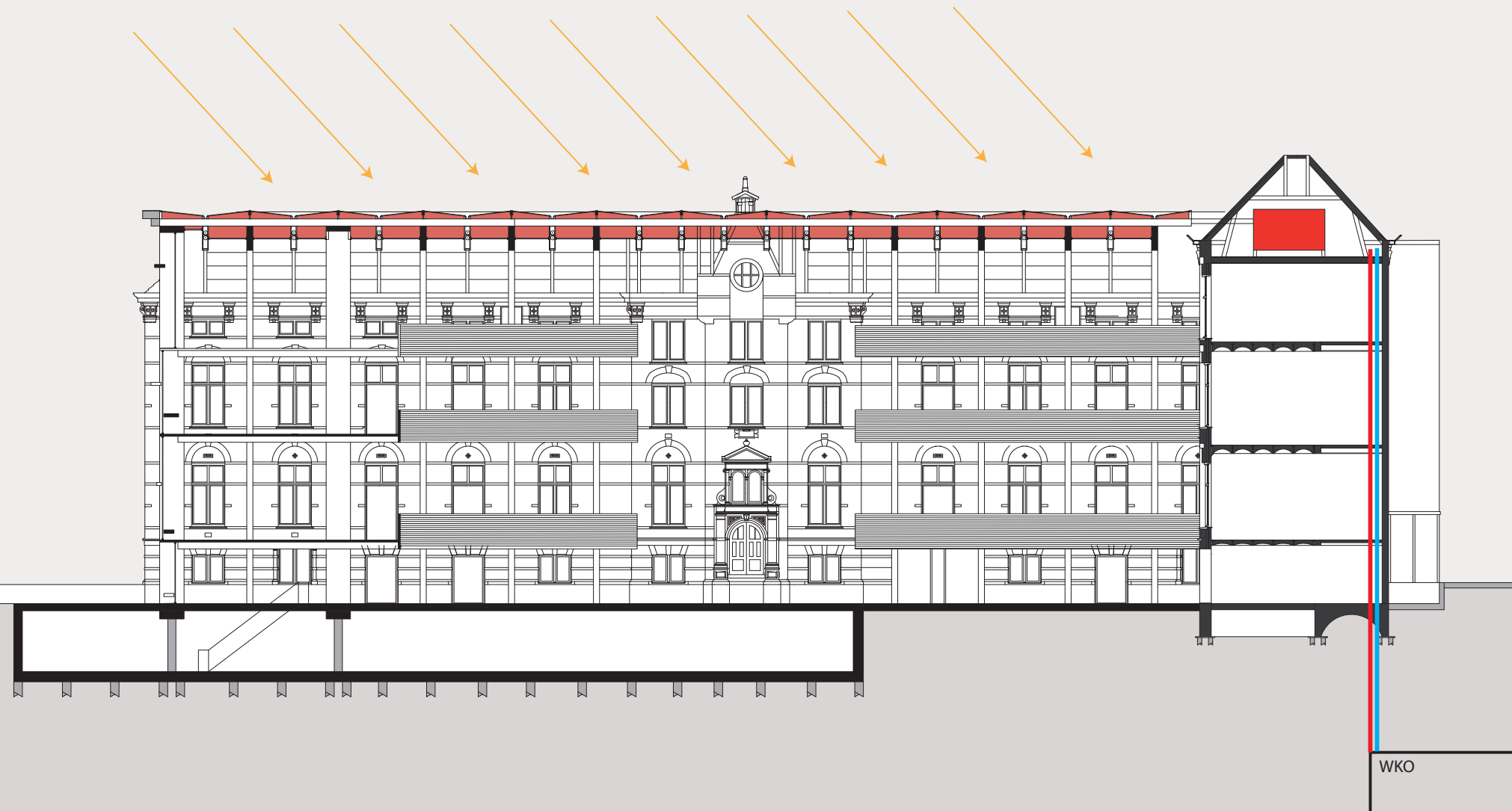


Roof and Facade  
Aluminium and  
glass

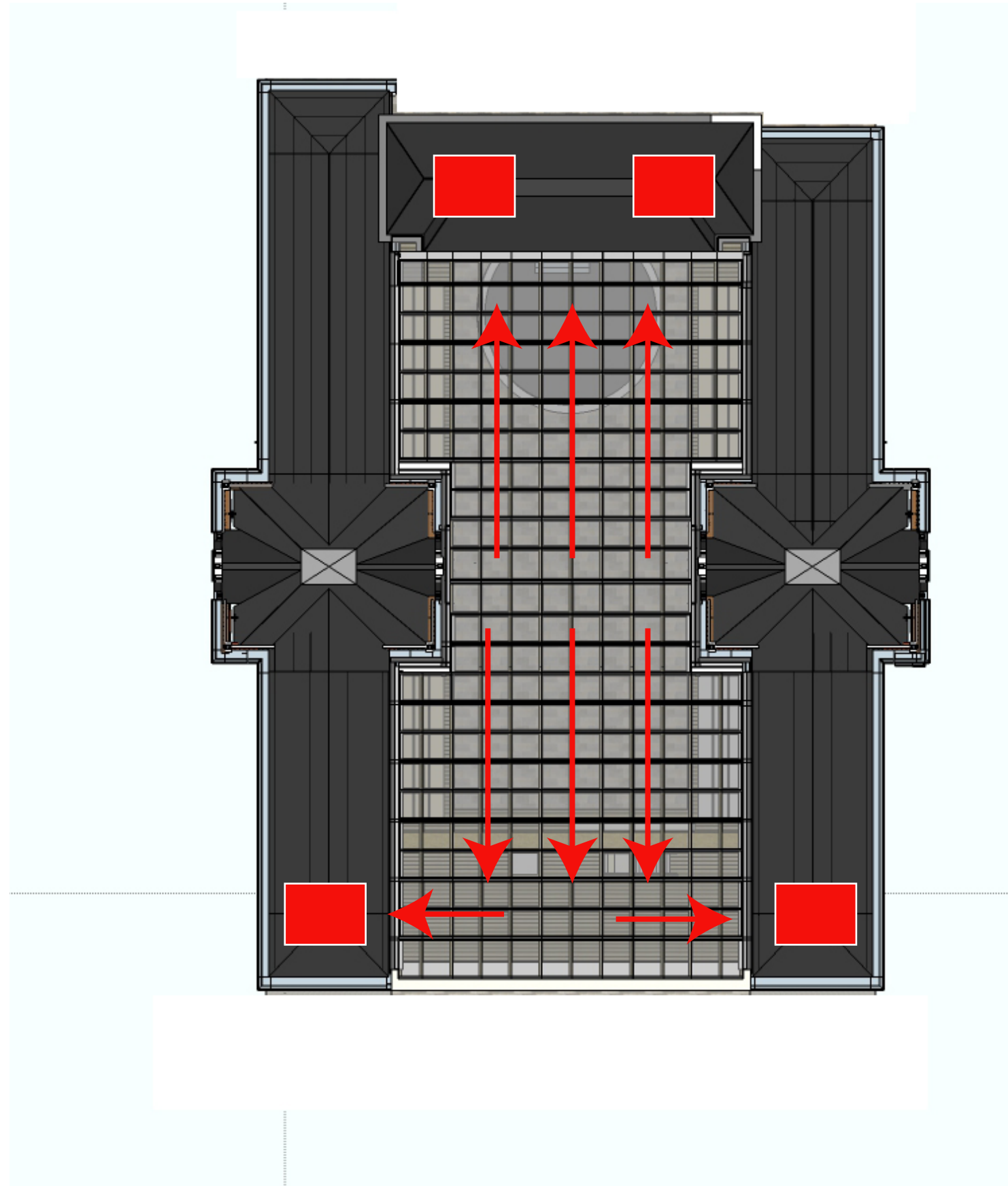


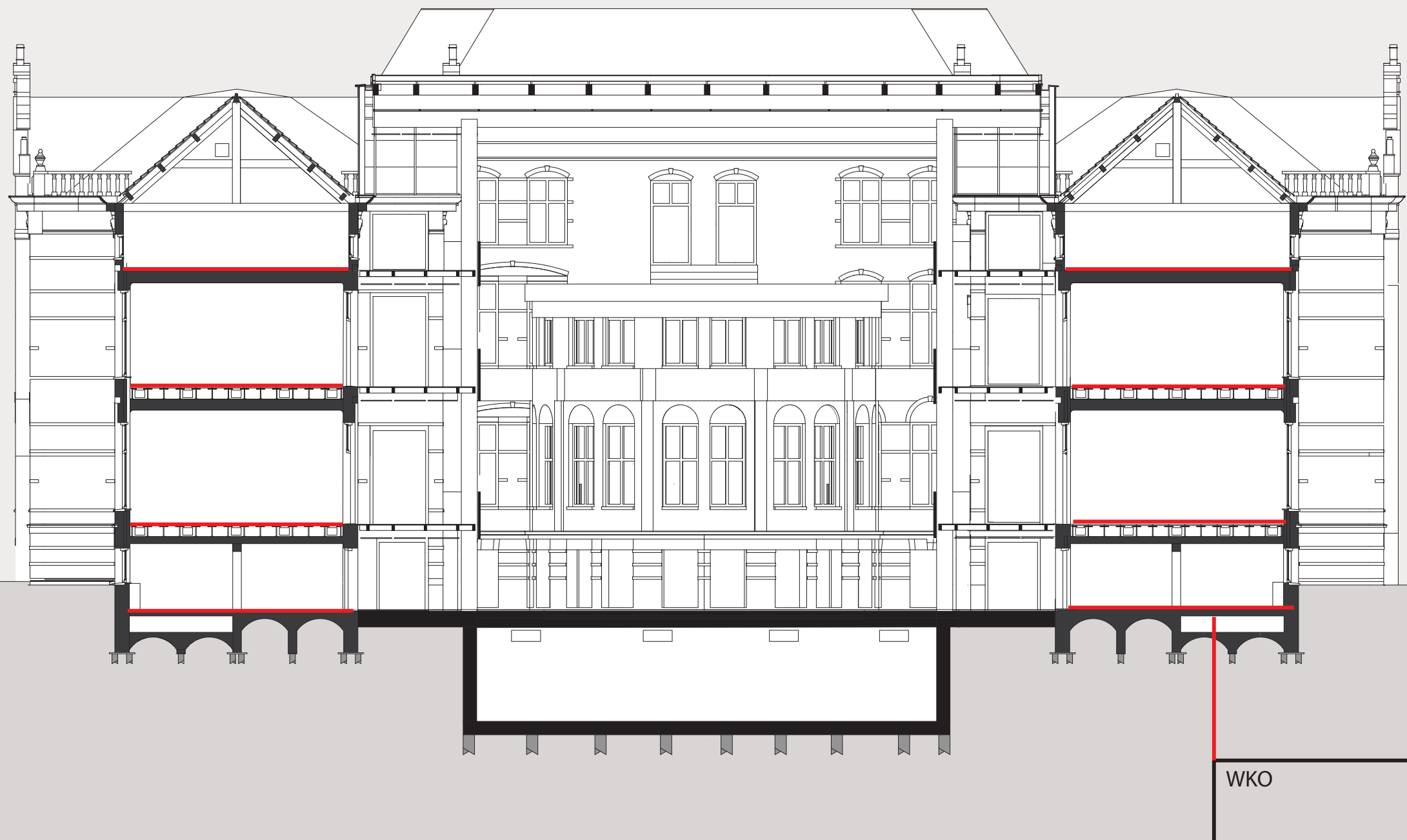




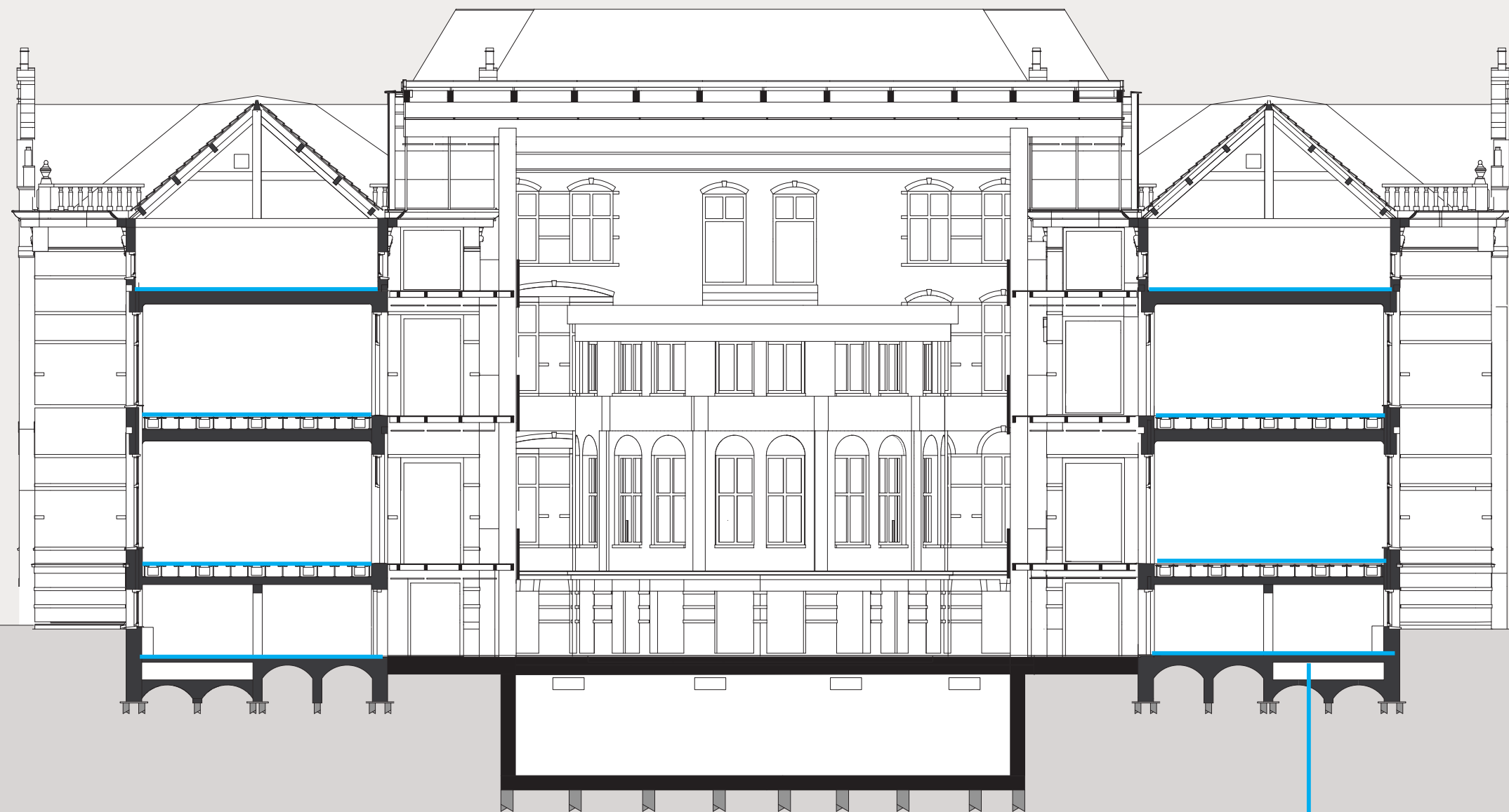












WKO

