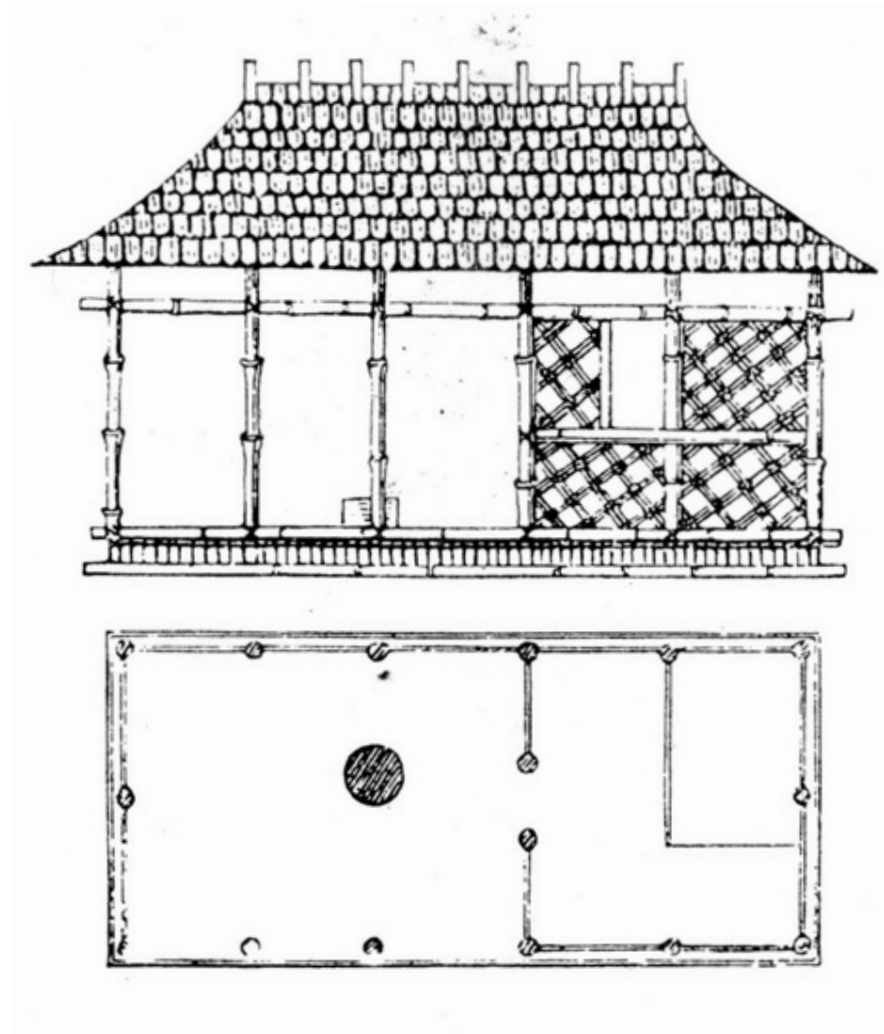


**CREATING A CRAFT CULTURE**  
The Royal Academy of Fine Art's School of Textiles  
Interiors, Buildings and Cities  
**Harrison Lang**

**“As the imbalance between public life and intimate life has grown greater, people have become less expressive.”**

Richard Sennett,  
Philosopher





**SEMPER'S PRIMITIVE HUT**  
Creating Culture through Tectonics



**CREATING INTIMACY AND PUBLICNESS IN THE CITY**  
Rapp + Rapp Community Centre, Begium



0 1 km

**ANTWERP**  
A Capital of Cultural Production



## FLANDER'S CRAFT GUILDS

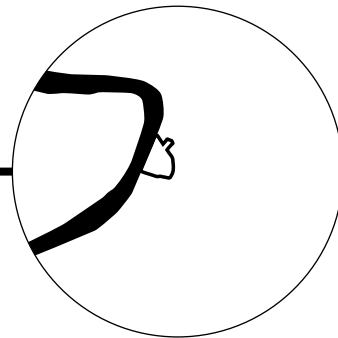
Flanders craft guilds evolved from the Roman Collegias, with records of them in the late eleventh and early twelfth centuries. As well as giving other public benefits, they created an apprenticeship system.



## CONSTRUCTION OF GUILD HALLS

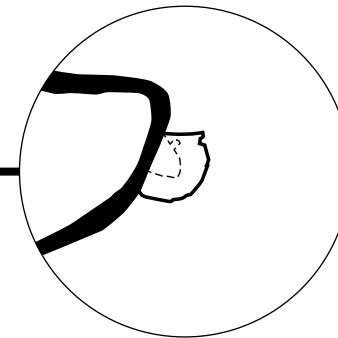
With the construction of the guild halls on Grote Markt Square, the guilds cemented their position and power in Antwerp's society.

1200s



1250

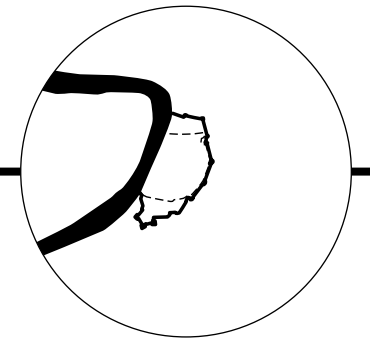
1382



1400s

1500s

1560



1585

“...craft guilds produced, in a collective setting, a combination of public and private goods. The mixture of these two has contributed significantly to the longevity of the guilds as institutions.”

Maarten Prak, Utrecht University



## THE ARTIST GUILD OF SAINT LUKE

Named after the patron saint of artists, it gained Antwerp artistic cultural notoriety through the membership of later artists Pieter Bruegel the Elder and Peter Paul Rubens.

## ANTWERP TEXTILE GOLDEN AGE

Antwerp reached its peak in the 16th century with the aid of its port and the Flemish textile industry, which weaved, dyed, finished and traded in cloth.

## ARTISTIC CULTURAL PRODUCTION TIMELINE



### THE ANTWERP SIX

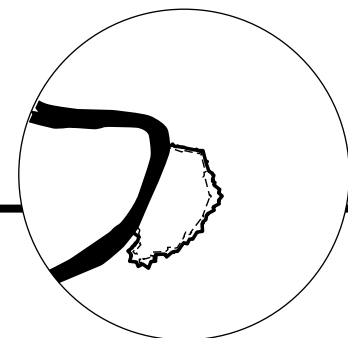
After graduating from the Antwerp Fashion Department of the Royal Academy of Fine Arts, a group of six fashion designers became international sensations they went to London Fashion week with their collections in a rented truck. Fashion has become a large export for Antwerp's artistic industry. Many of the Antwerp 6 now inhabit the Fashion District.

### '93 EUROPEAN CAPITAL OF CULTURE

Through the aid of Hubert Cools, Antwerp became the European capital of culture in 1993. He thought that Antwerp has a culture which is neither Dutch or French, but instead Flemish. The event was also used as a means to promote international collaboration as Antwerp there was a rise in far right nationalist parties.

### INDUSTRIAL REVOLUTION

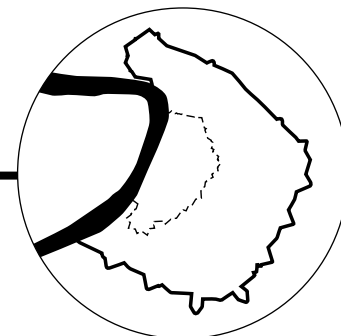
The food crises of the 1840s compounded the effect that the Industrial Revolution of European cities had on the large amount of workers in Flemish textile and flaxing industry.



1750

1795

1840



1890

1986

1993



### NAPOLEANIC ABOLITION OF GUILDS

Antwerp ended its guilds in 1795 due to the French revolution. The guilds were combined into the academies, such as the Royal Academy of Fine Arts.

“The Academy was totally unknown then, so even when you said, ‘I’m studying in Antwerp,’ nobody knew about the department. The exposure that the Antwerp Six and Martin Margiela gave to the fashion department attracted a whole new generation of students, who came from all over the world.”

Walter Van Beirendonck

### ARTISTIC CULTURAL PRODUCTION TIMELINE

**“Normally parents tell their children to get into business or marketing. But now there’s a panic that all the senior craftsmen are retiring or dying off. It’s really an emergency for the industry.”**

Linda Loppa,  
Former Director of AP Fashion Academy

**FACILITIES OPEN TO PUBLIC**

Fashion Store

Tailor’s Shop

Community Hall

Cafe

Espresso Library

**HIGHER EDUCATION**

Fashion Courses

**VOCATIONAL EDUCATION**

Tailoring Courses

Craftsmen-In Residence

**WORKSHOP**

Weaving Facilities

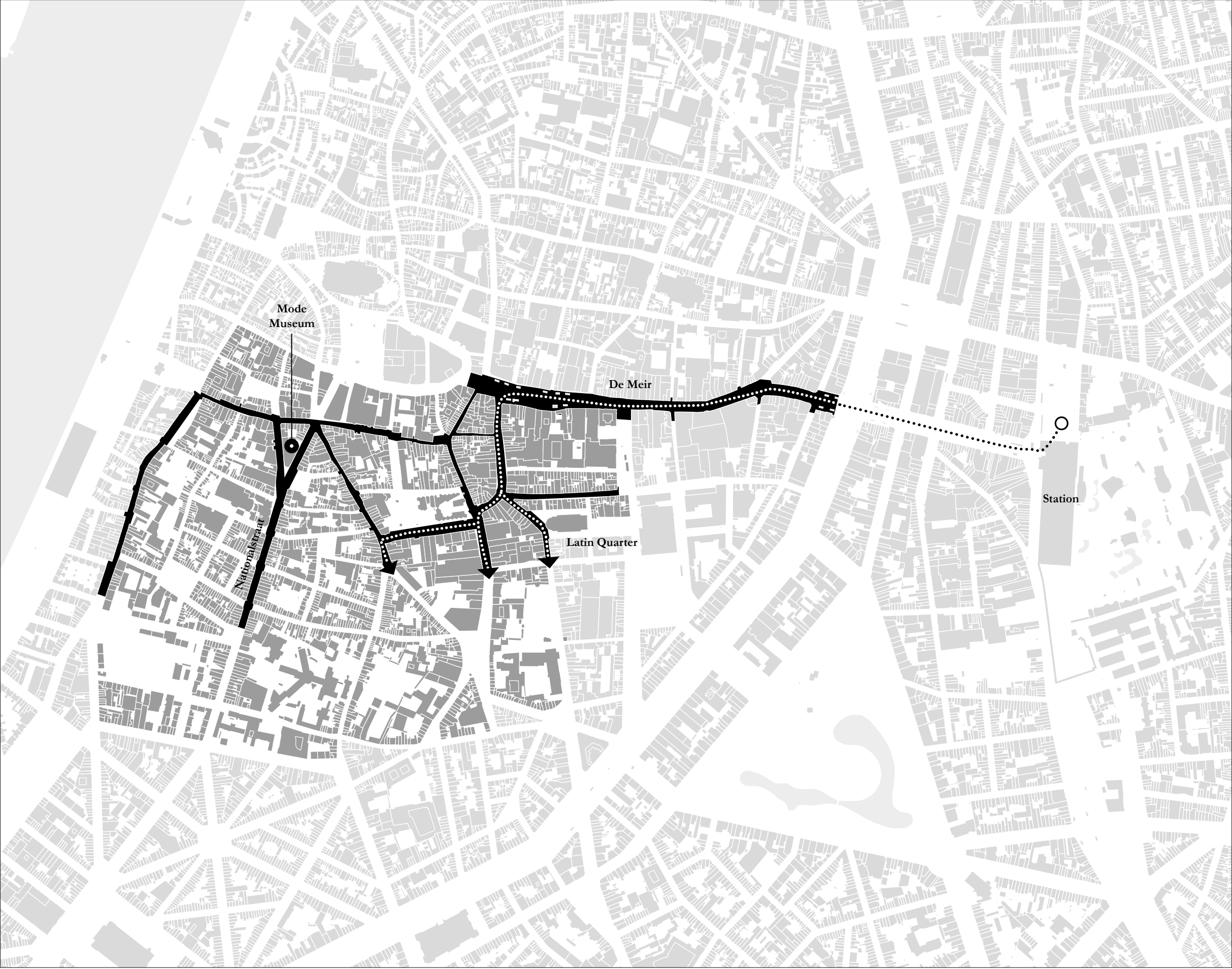
Workshop Spaces



Printscreening + Dyeing

**PROGRAM**

The Antwerp School of Textiles





- Legend**
-  Fashion Streets
  -  Pedestrian Routes from Station

 0 250m

FASHION DISTRICT CLOTHING STREETS

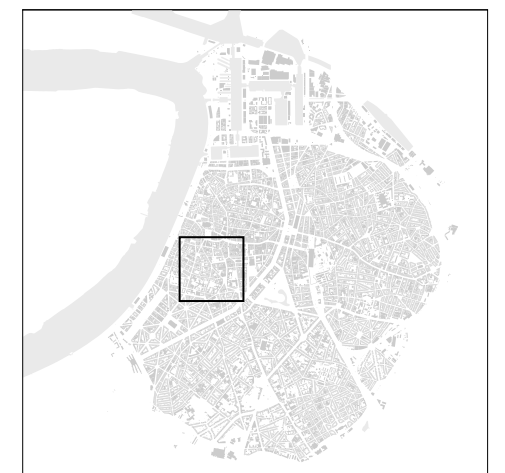
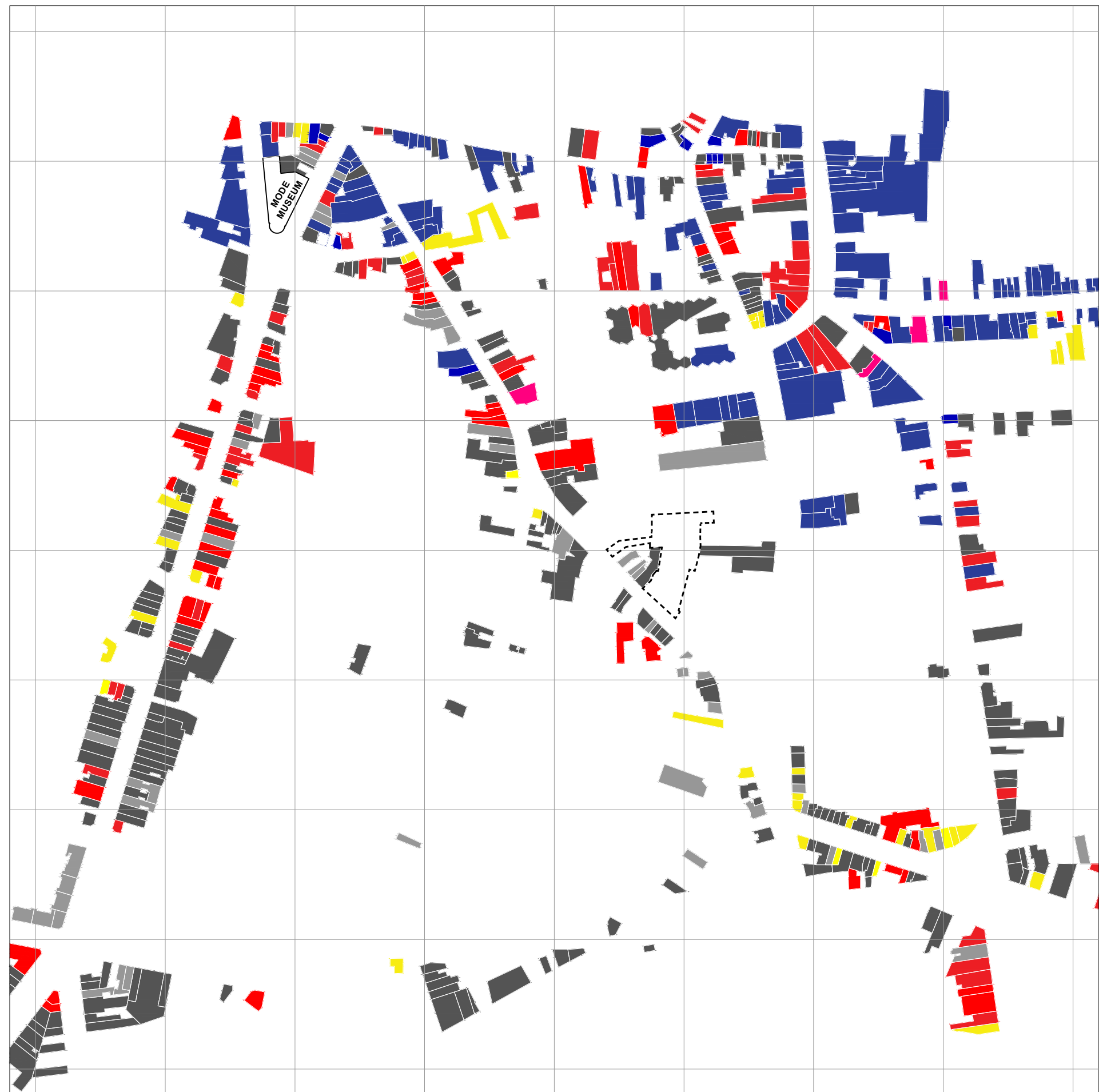








**NATIONAL STRAAT PHOTOS**  
 Momu Museum and Dries Van Noten's 'Fashion Palace'



**Legend**

- National Fashion Shops
- International Fashion Shops
- Cafes/Bars
- Commercial
- Commercial Potential

0 1km

**(INTER)NATIONAL FASHION STORES**

- Educational Buildings

E1.

AP Fashion Academy

E2.

Antwerp Managment School

E3.

Institute of Tropical Medicine

E4.

AP Hogeschool  
Campus Kronenburg

E5.

Sint-Ludgardis School
- Theatres

T1.

Bourla Theatre

T2.

Arenburg Theatre

T3.

Echt Antwaarps Theatre

T4.

De Studio Performing Arts Theatre
- Museums

M1.

ModeMuseum

M2.

Maagdenhuis Museum
- Churches

C1.

Sint-Andrieskerk

C2.

Sint-Joris Kerk

C3.

Carmelites Church
- Banks

B1.

Antwerp National Bank

B2.

ING Bank
- Other

O1.

Botanical Garden

O2.

Police Tower

O3.

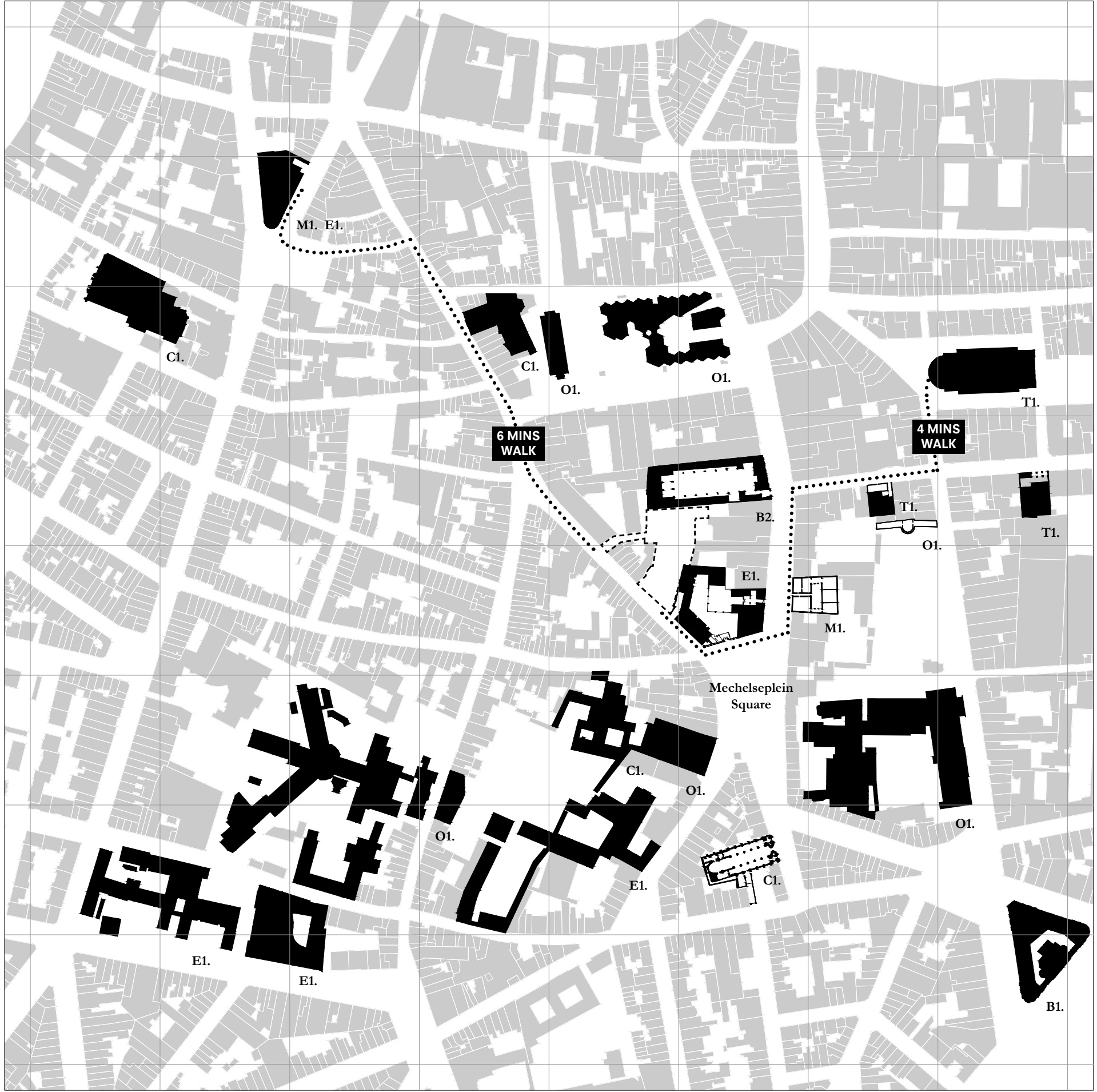
Oudaan Centrum

O4.

ZNA Sint-Elisabeth Hospital

O5.

Antwerp Prison



Legend

Public Buildings

xxx

1

0

1km

PUBLIC BUILDINGS





**AERIAL VIEW OF SITE**





View of site from Vleminckveld Street

## SITE PHOTOS

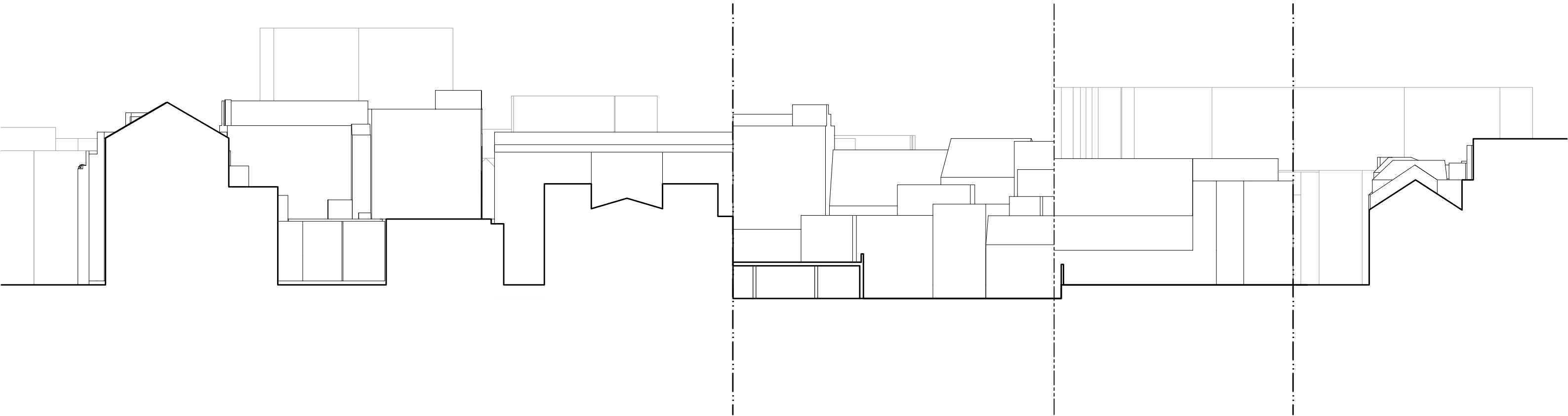




Key Plan

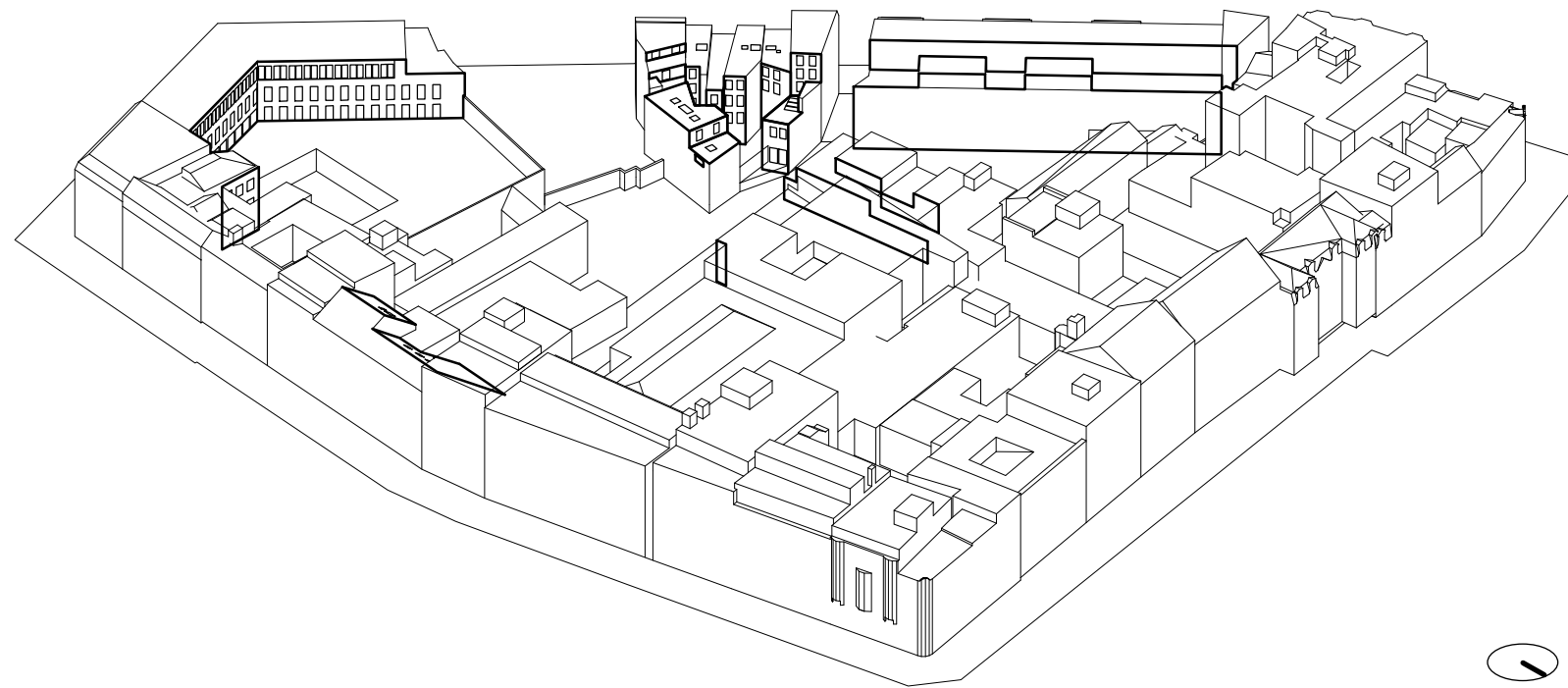
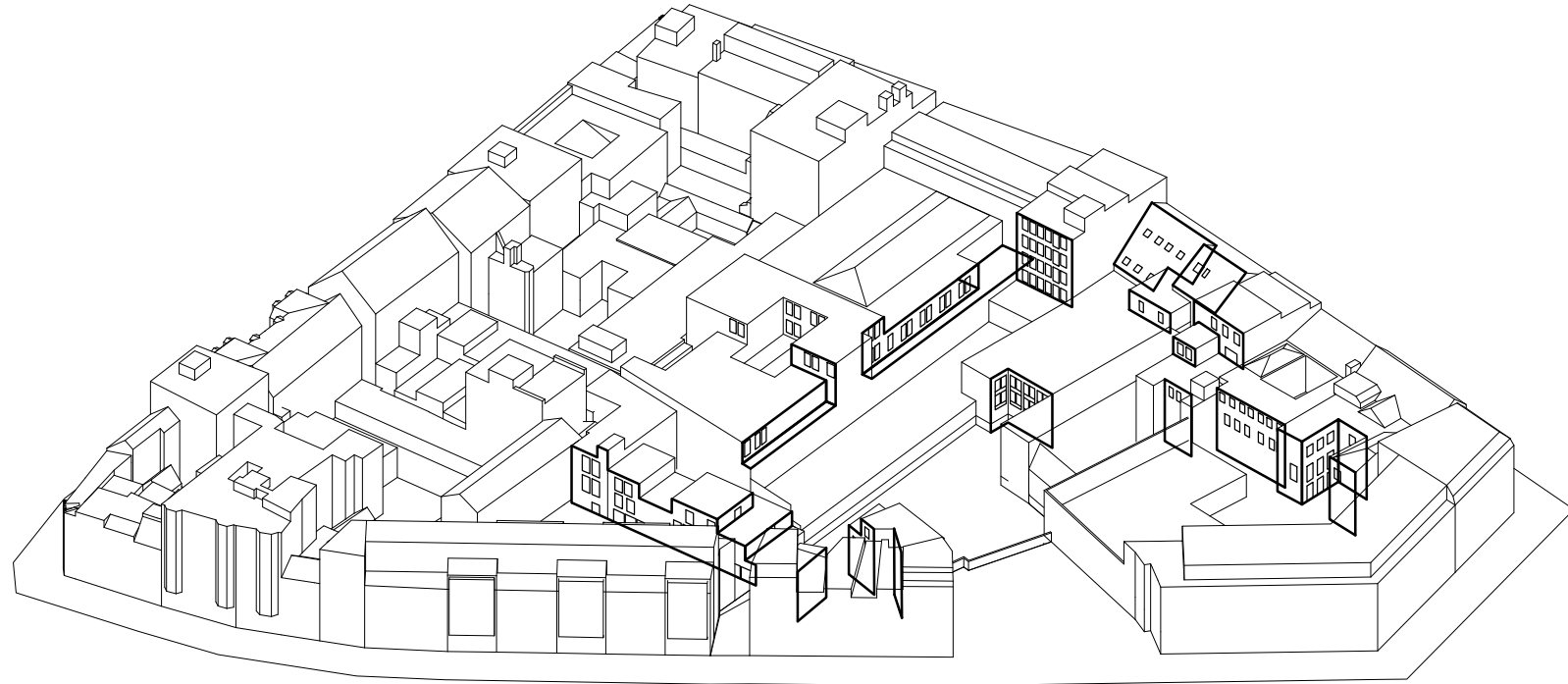


Scale 1 : 5000



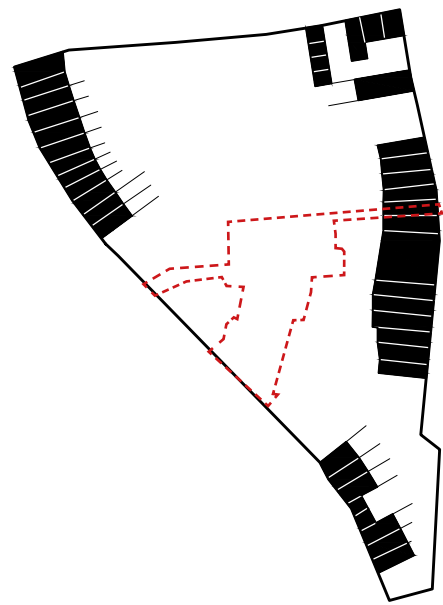
Scale 1 : 500

EXISTING SITE SECTION



**SITE URBAN BLOCK**  
Overlooking views





**1390-1400**

Starting as a field for farming, buildings began to be built around the perimeter.



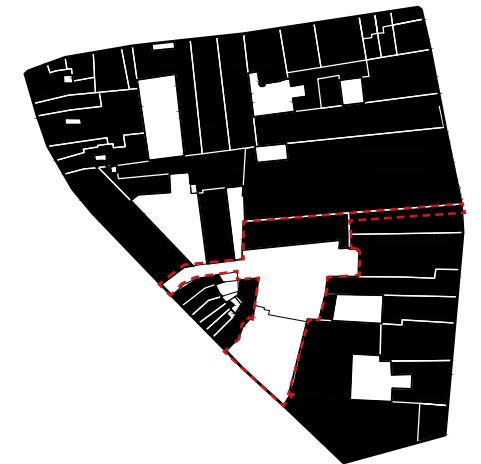
**1846**

Over time the perimeter of the urban block was complete, leaving green landscape in the centre and a passageway to the south.



**1971**

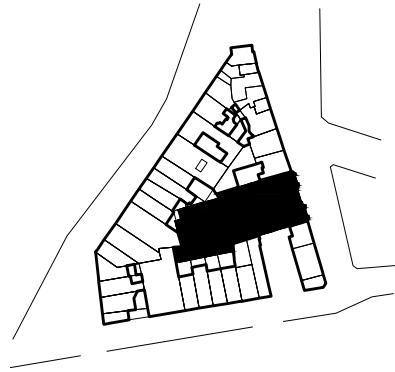
The southern part begins to disintegrate and the majority of the rest of the urban block is filled. The rhythm of the urban block begins to transform from a smaller domestic scale to a more medium scale.



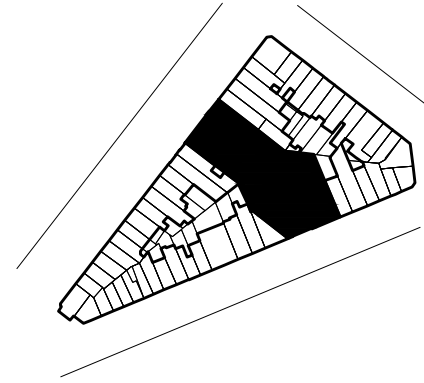
**Now**

The southern part has been removed, leaving a square in its place. The site is left as a carpark and undeveloped.

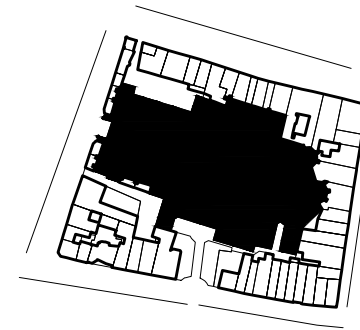
## DEVELOPMENT OF SITE URBAN BLOCK OVER TIME



**Sint Joriskerk**  
Léon Suys  
**CHURCH**



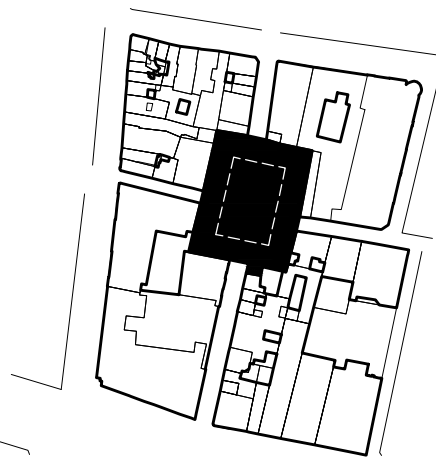
**Sint-Walburgiskerk**  
Affligem monks  
**CHURCH**



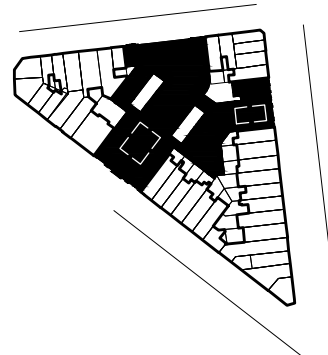
**Sint-Jacobskerk**  
Herman de Waghmakere  
**CHURCH**



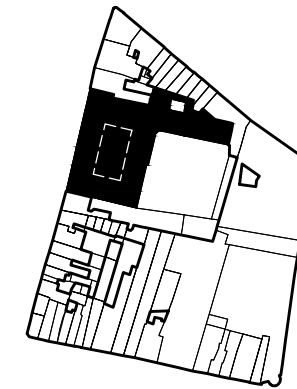
**Fashion Academy Craft Building Site**



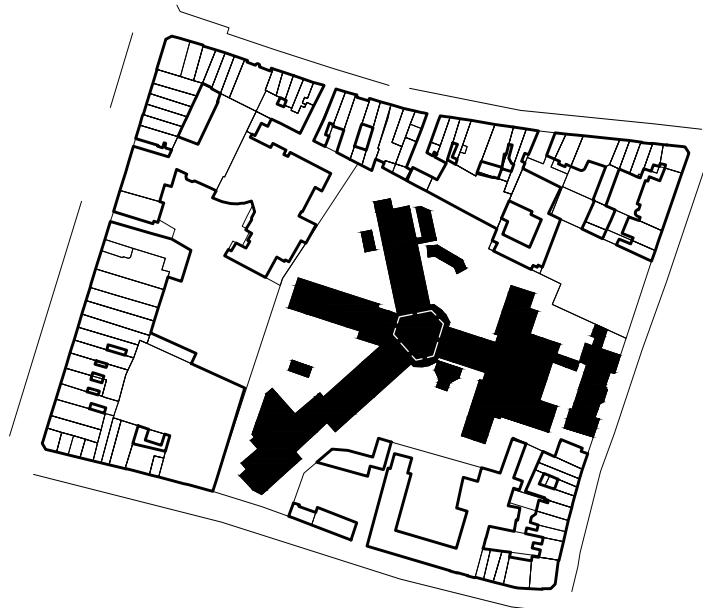
**Handelsheurs (Trade Fair)**  
Joseph Schadde  
**COURTYARD(S)**



**Hoger Handelsgesticht**  
Jan Frans Sel-Caluwaerts, et. al.  
**ENCLOSED COURTYARD(S)**  
**ATRIUM(S)**



**Hoger Handelsgesticht**  
Jan Frans Sel-Caluwaerts, et. al.  
**WING(S) SHAPING COURTYARD(S)**  
**ATRIUM(S)**



**Hoger Handelsgesticht**  
Jan Frans Sel-Caluwaerts, et. al.  
**PANOPTICON**

## Typologies

### CHURCH

Building with strong axis and large room with high ceiling to allow light in.

### ATRIUM(S)

Large space with multiple stories surrounding it, with light coming from above.

### PANOPTICON

Central space to view or be viewed on the round.

### COURTYARD(S)

Open air courtyards which are used for daylighting and outdoor activities.

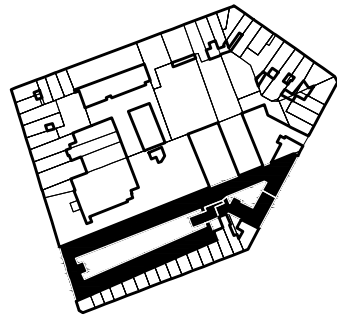
### WING(S) FRAMING COURTYARDS

Wings lead from the entrance to shape courtyards from it and the urban block.

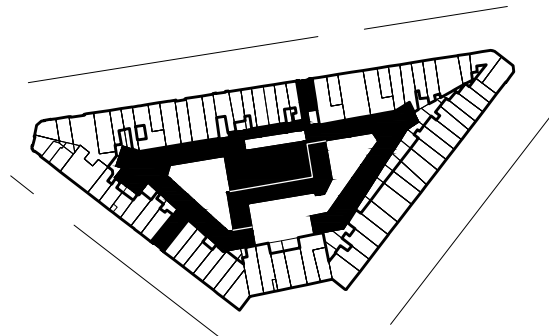
### FORM HIDDEN BY FRONTAGE

'Background' architecture completes the block to create a threshold leading to an entrance courtyard and main form behind.

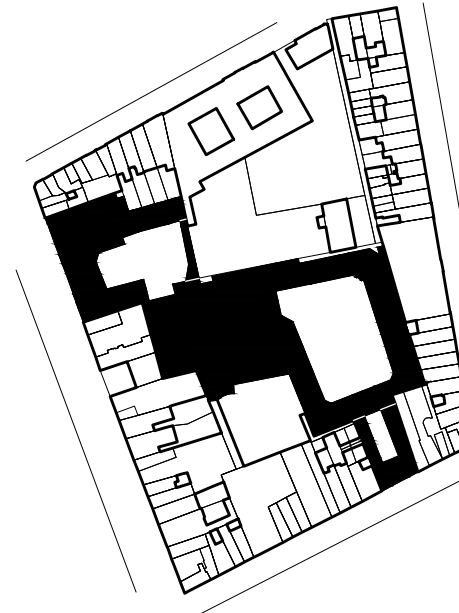
0 1km



**Gemeenteschool kindertuin**  
A. Van Mechelen  
**COURTYARD(S)**



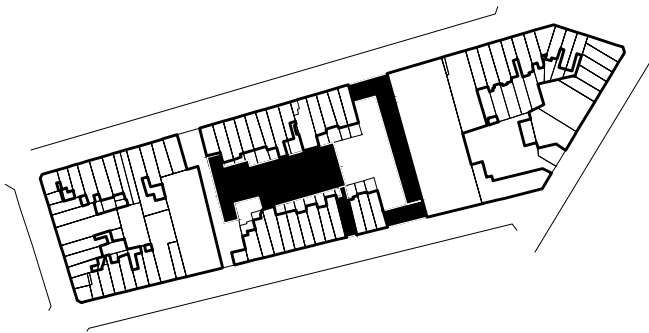
**Gemeenteschool kindertuin**  
A. Van Mechelen  
**COURTYARD(S)**



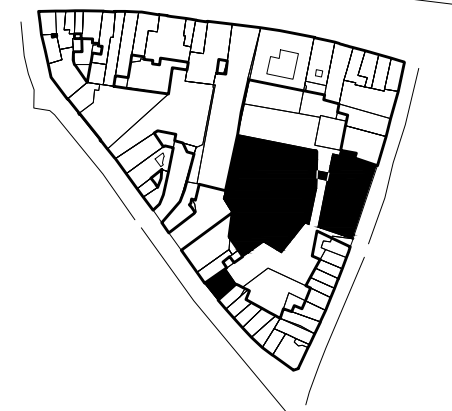
**Sint-Lievens College**  
Jef Huygh , Flor Van Reeth and Jan Smits  
**COURTYARD(S)**



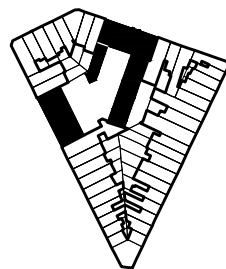
**Fashion Academy Craft Building Site**



**Everaertsstraat Youth Facility**  
Korteknie Stuhlmacher Architecten  
**FORM HIDDEN BY FRONTAGE**



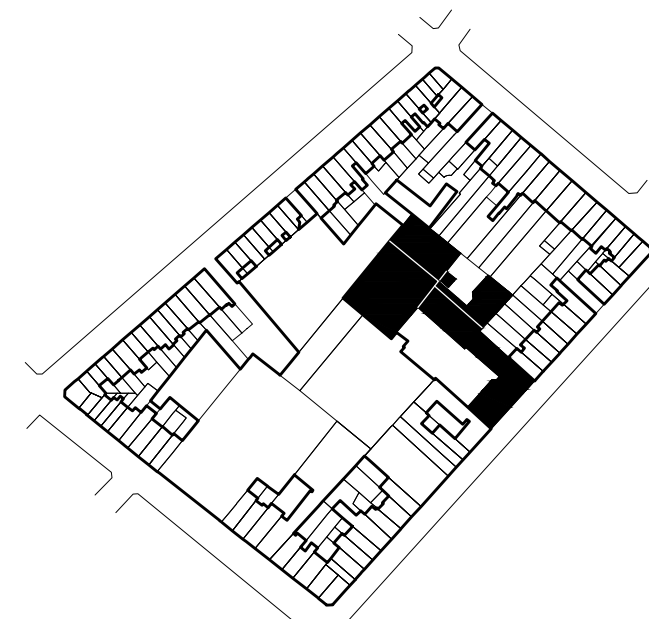
**Aula Rector Dhanis, Antwerp University**  
DMT Architecten  
**FORM HIDDEN BY FRONTAGE**



**WING(S) FRAMING COURTYARD(S)**



**WING(S) FRAMING COURTYARD(S)**  
**COURTYARD(S)**



**WING(S) FRAMING COURTYARD(S)**

## Typologies

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Open air courtyards which are used for daylighting and outdoor activities.

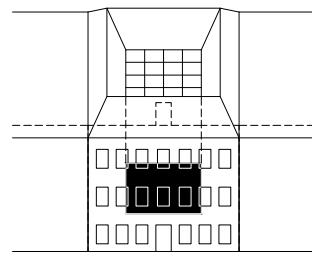
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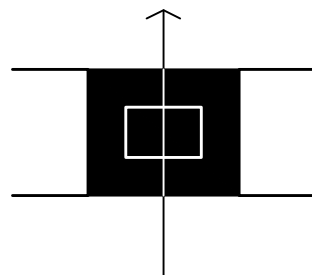
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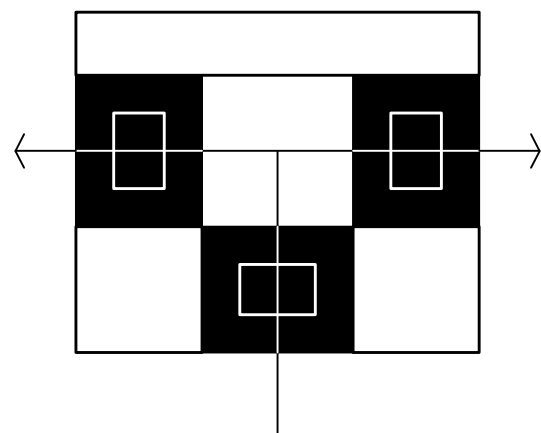
0 1km



**KEY SPACE / PUBLIC ROOM(S)**



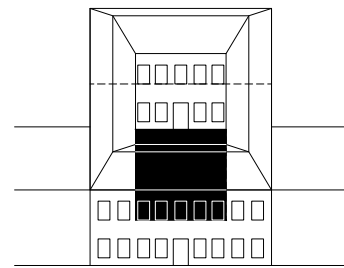
**ATRIUM**



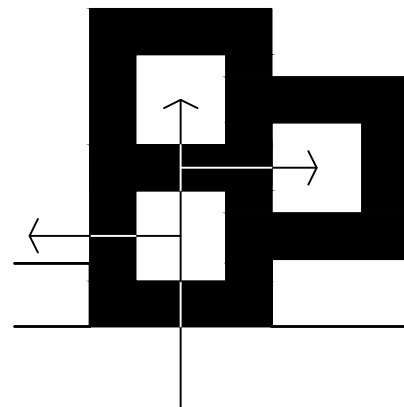
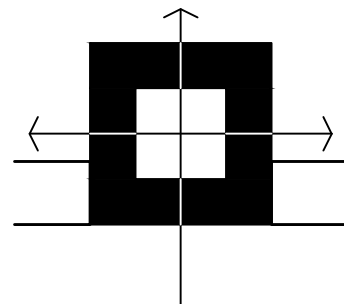
**ATRIUMS**

Large open space with multiple stories surrounding it, with light coming from above.

- + Provides shelter in all weathers (?)
- + Symmetrical
- + Strong linear axis
- + Gives a sense of pride to inhabitants



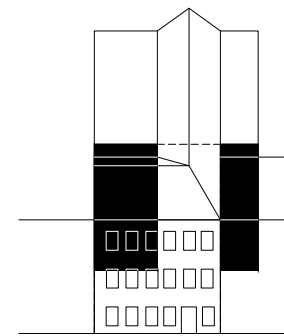
**COURTYARD**



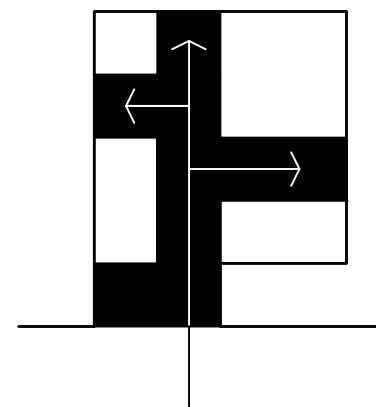
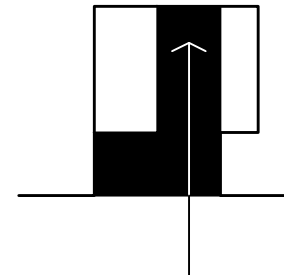
**COURTYARDS**

Open air courtyards which are used for daylighting and outdoor activities.

- + Creates an intimate inward looking space that removes distractions
- + Unidirectional axis



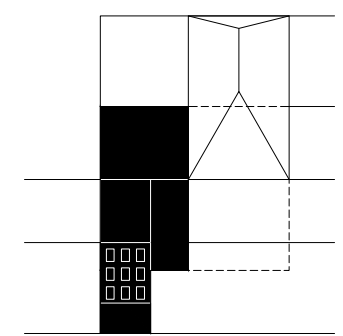
**WING FRAMING COURTYARD**



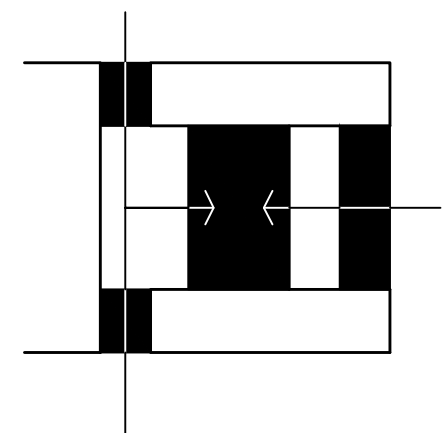
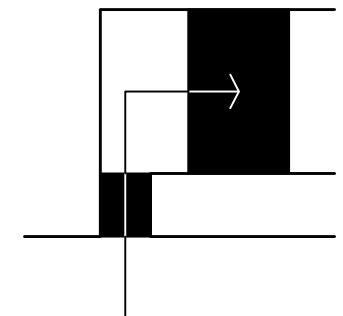
**WINGS FRAMING COURTYARDS**

Wings lead from the entrance to frame courtyards from it and the urban block.

- + Allows for compact and efficient circulation which avoids the courtyard



**FORM HIDDEN BY FRONTAGE**

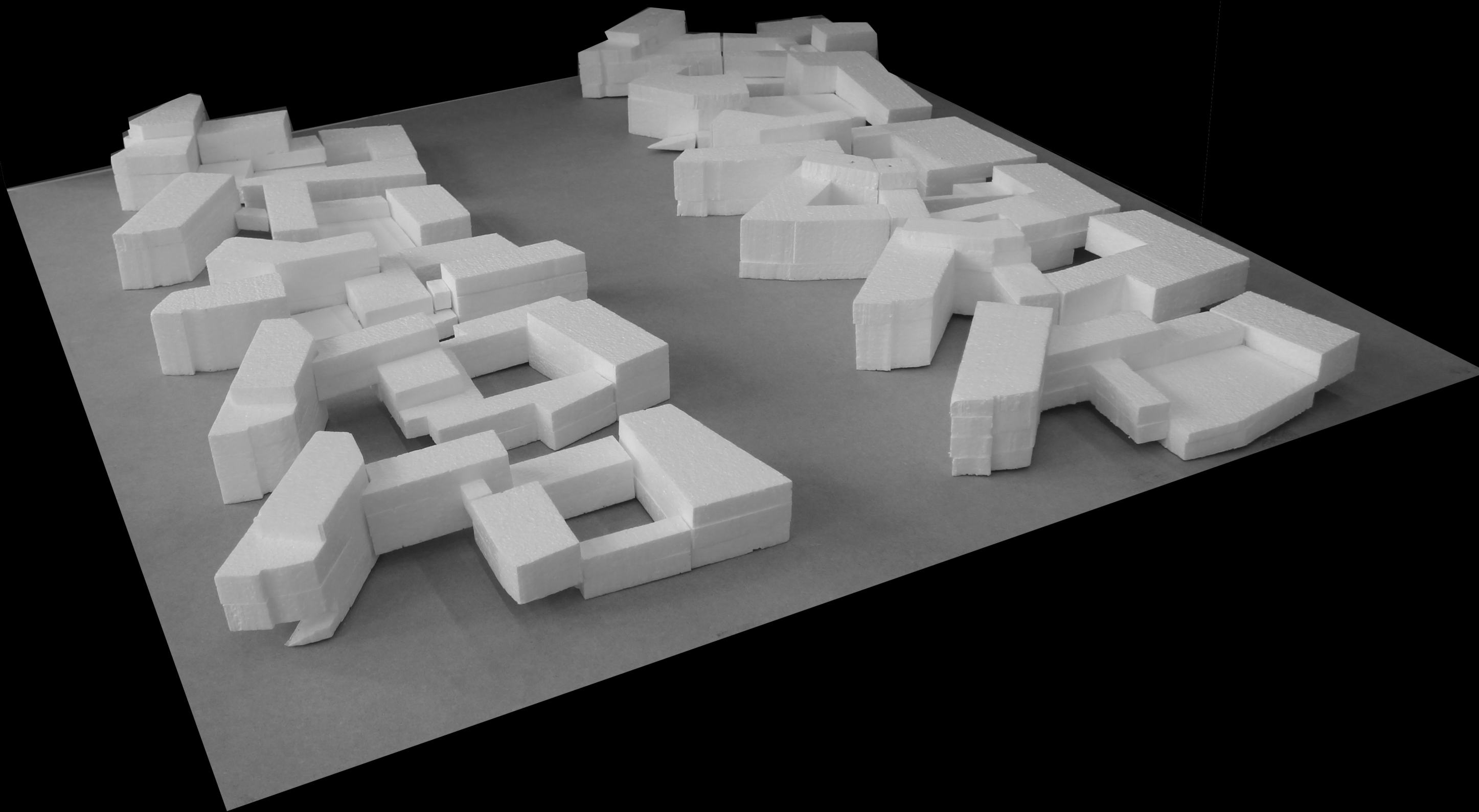


**FORM HIDDEN BY FRONTAGE**

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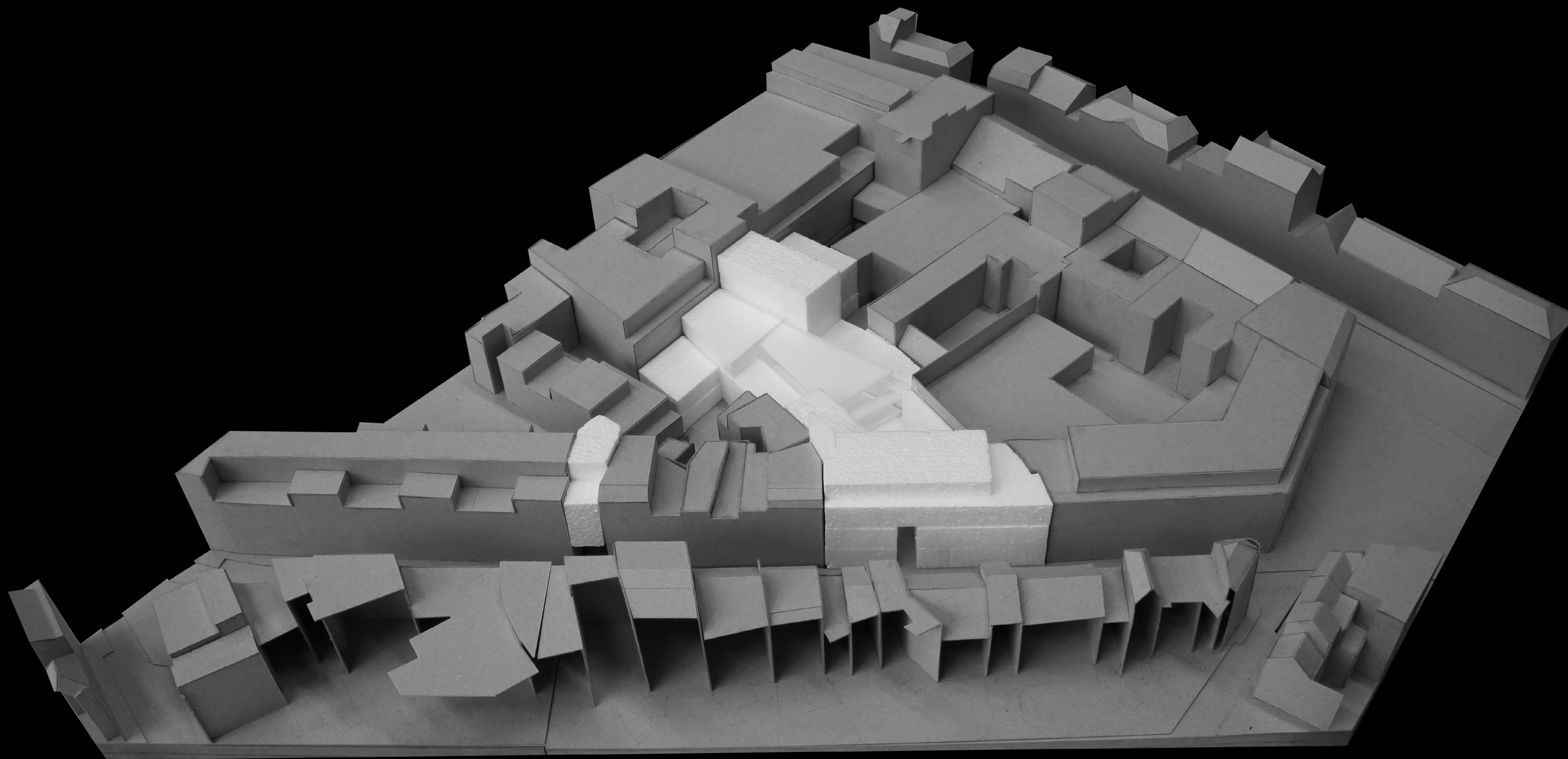
- + Facilitates any needs to enclose the block in a more residential manner
- + Creates a sequence of spaces that provides a delayed announcement of the main building

## DISSECTION OF TYPOLOGIES AND ATTRIBUTES

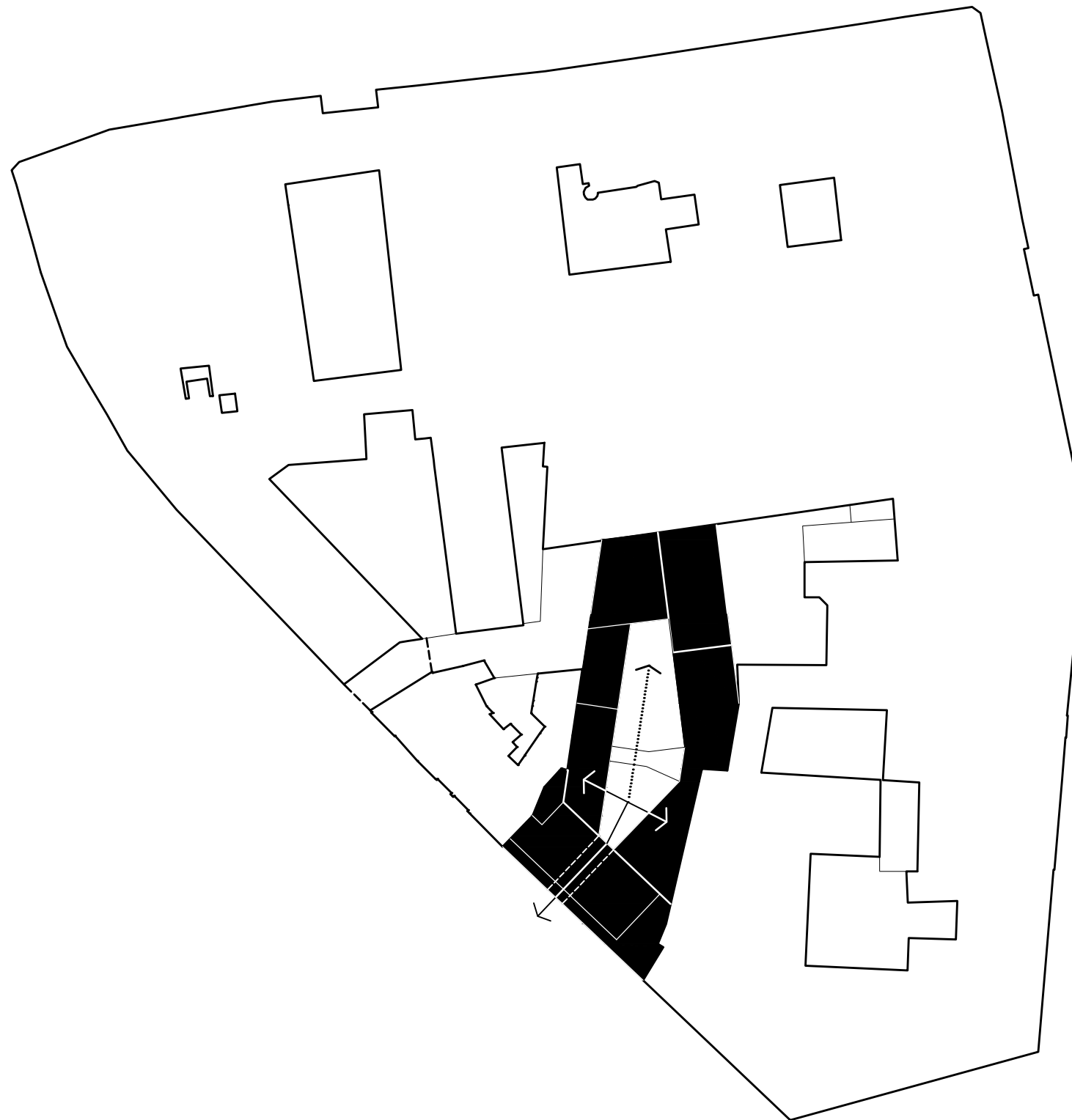


MASSING STUDIES





MASSING ITERATION IN CONTEXT



**DIAGRAM PLAN OF MASSING**  
Courtyard typology





**PROPOSED MASSING**  
Variant on Courtyard Typology



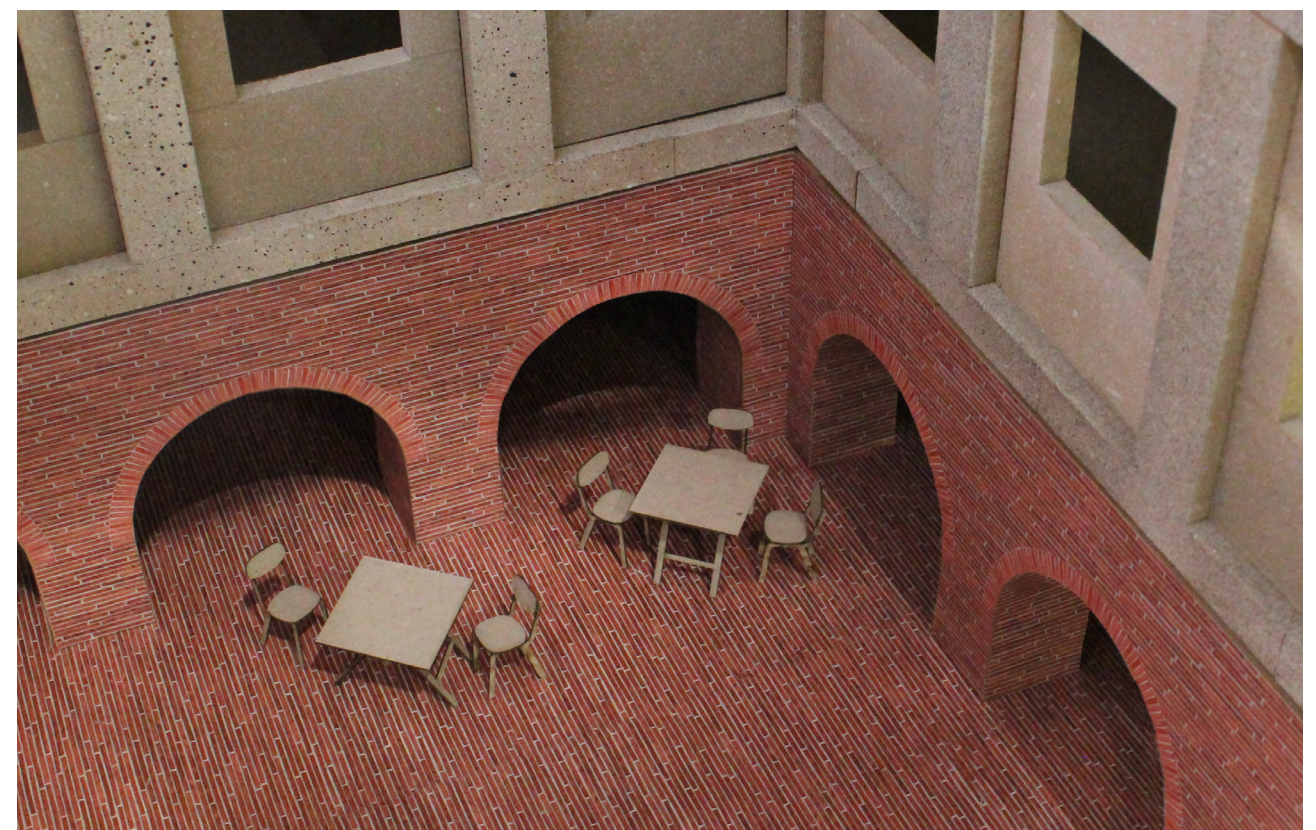


**SANT'AMBROGIO BASILICA COURTYARD**



**SANT'AMBROGIO BASILICA COURTYARD**





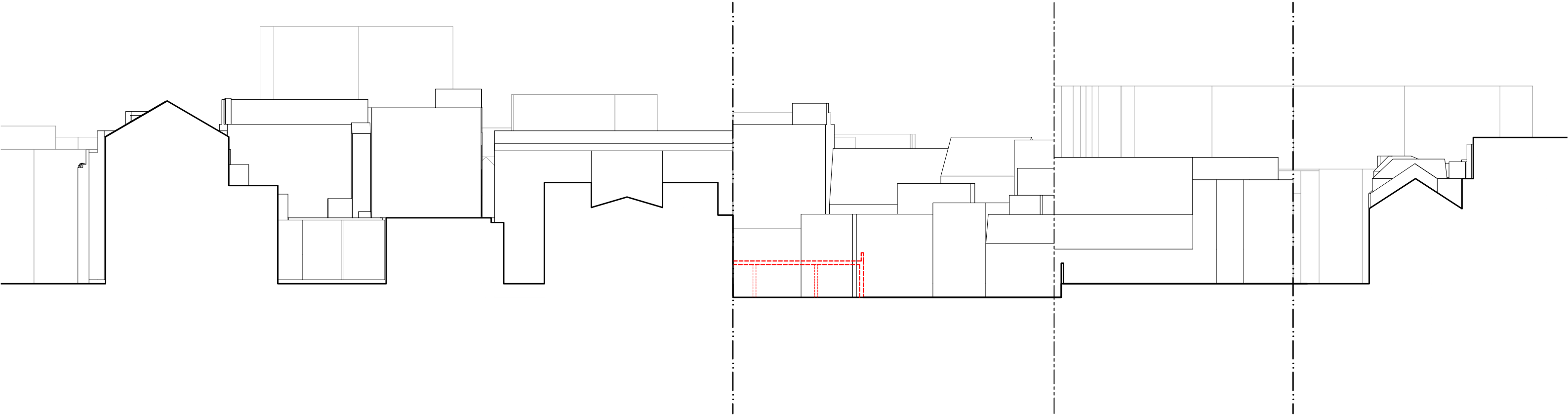
**SITELESS PUBLIC ROOM DESIGN STUDY**





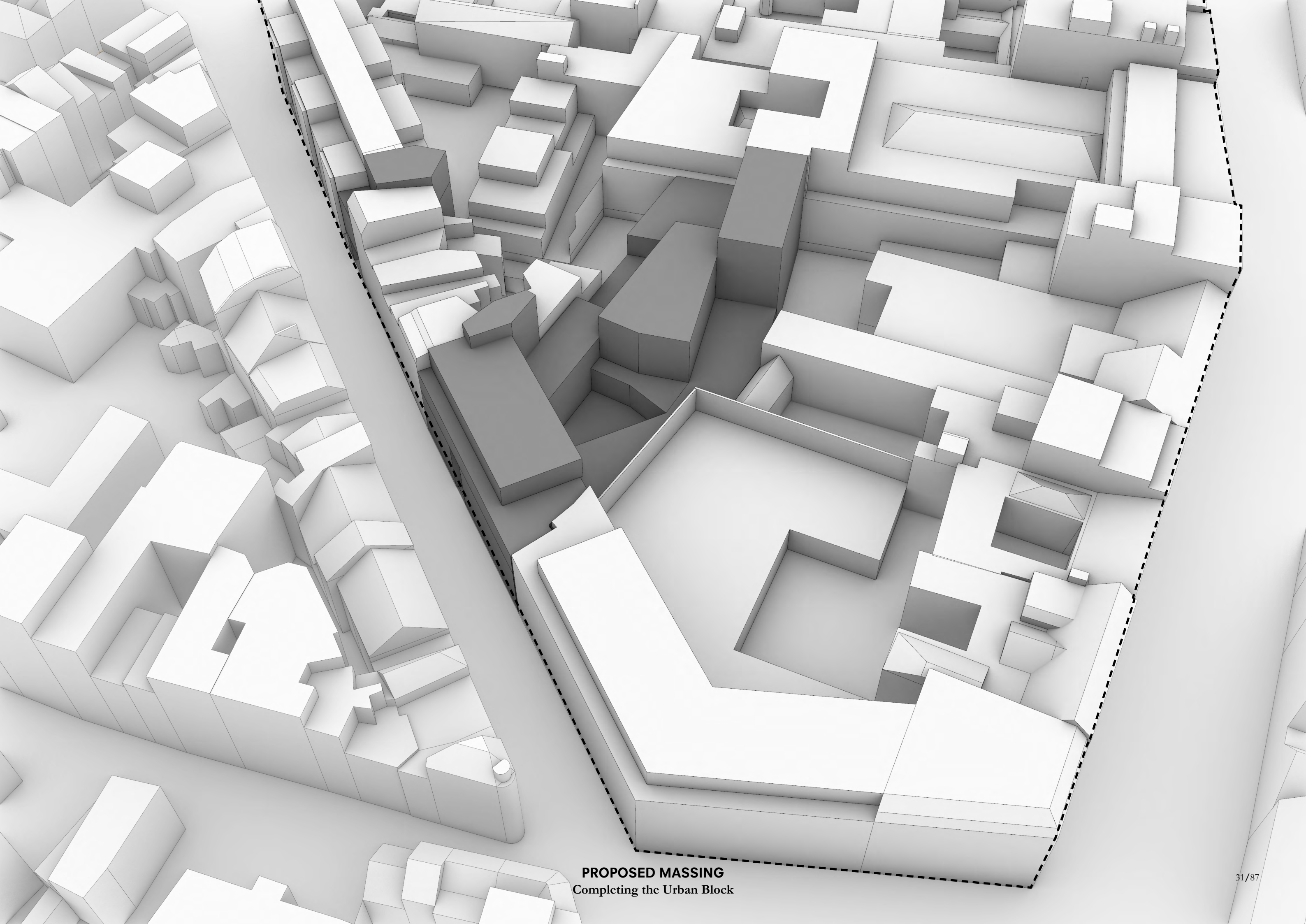
Key Plan

Scale 1 : 5000



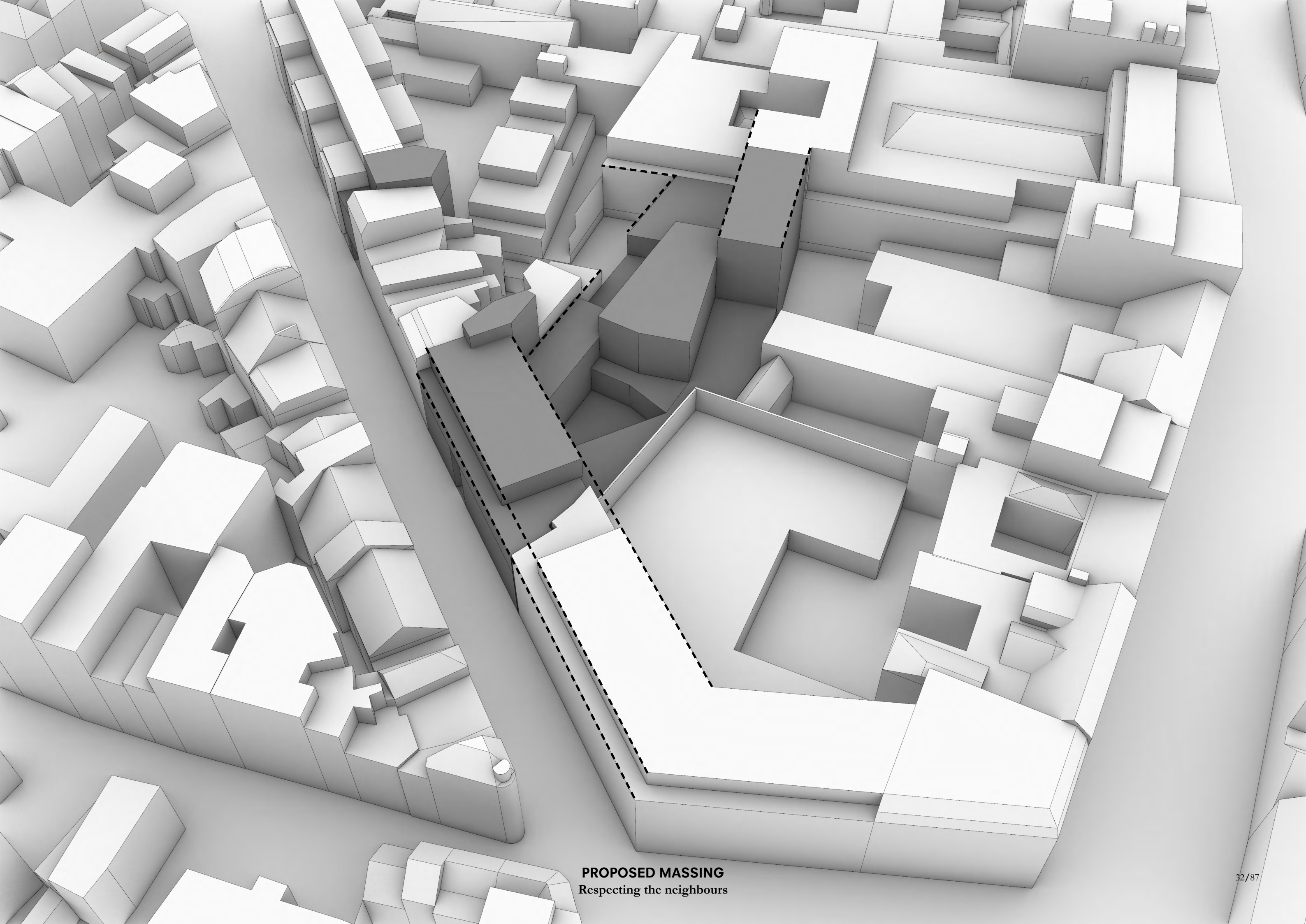
Scale 1 : 500

DEMOLITION OF CAR PARKING



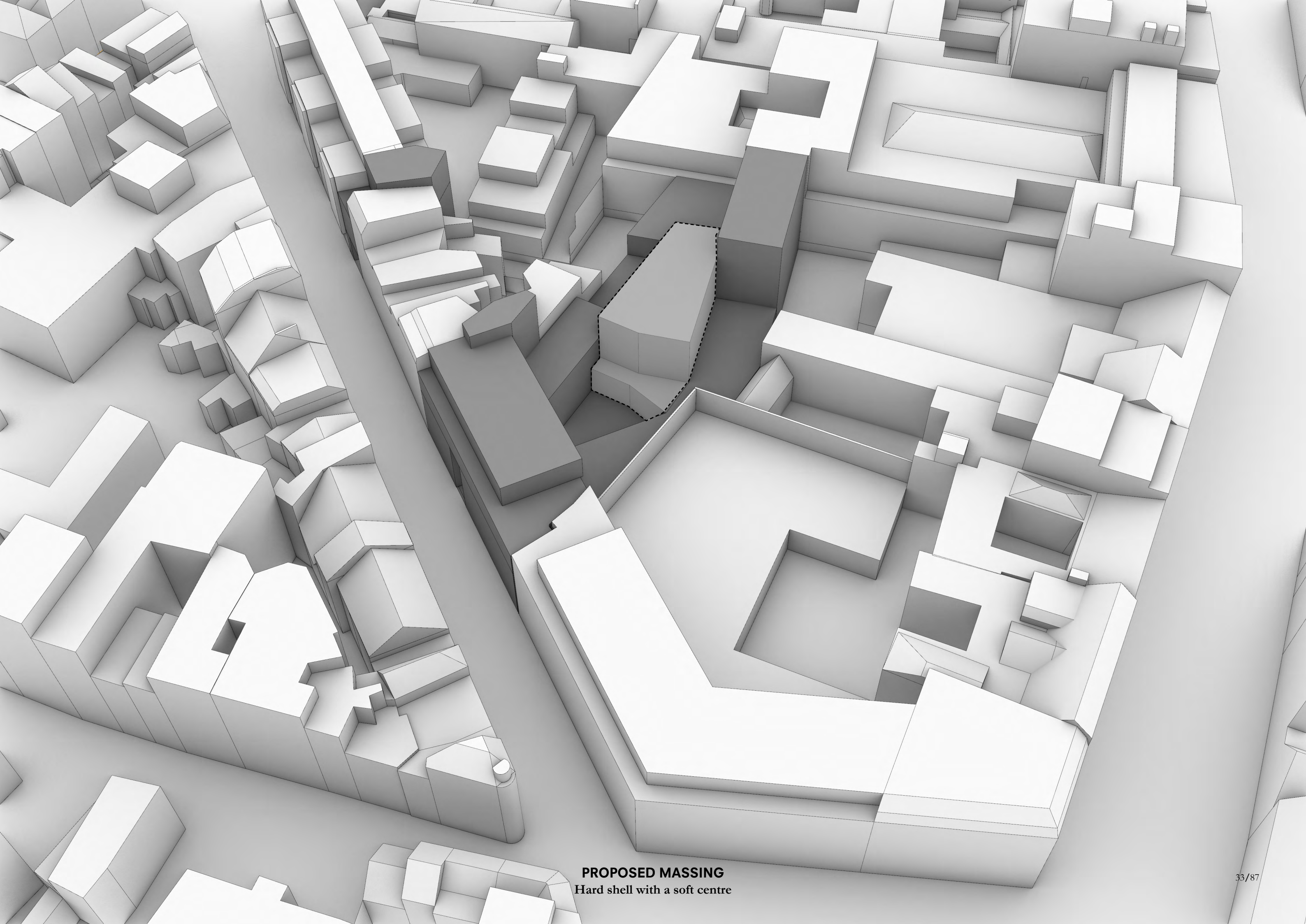
**PROPOSED MASSING**  
Completing the Urban Block



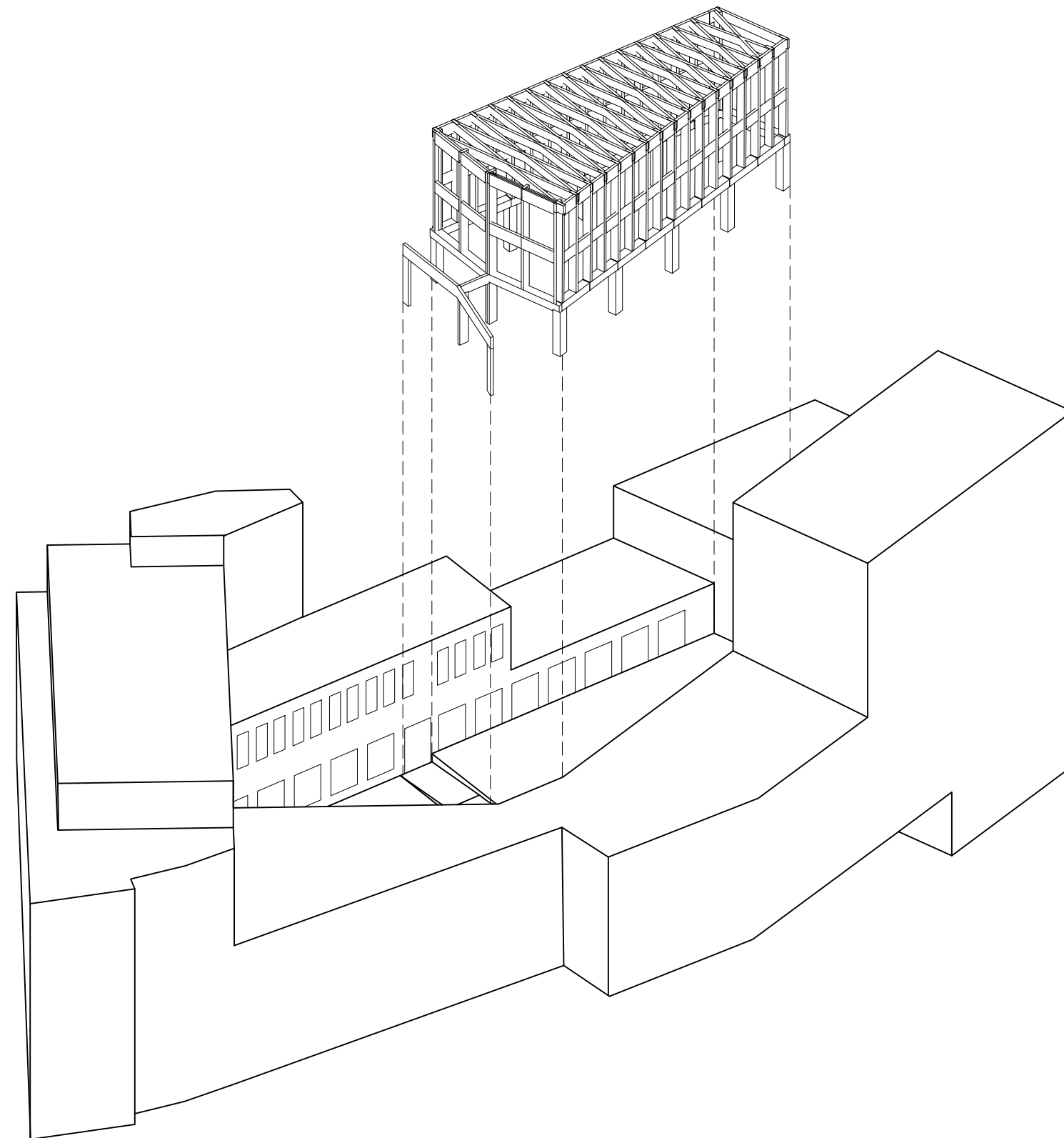


**PROPOSED MASSING**  
Respecting the neighbours





**PROPOSED MASSING**  
Hard shell with a soft centre

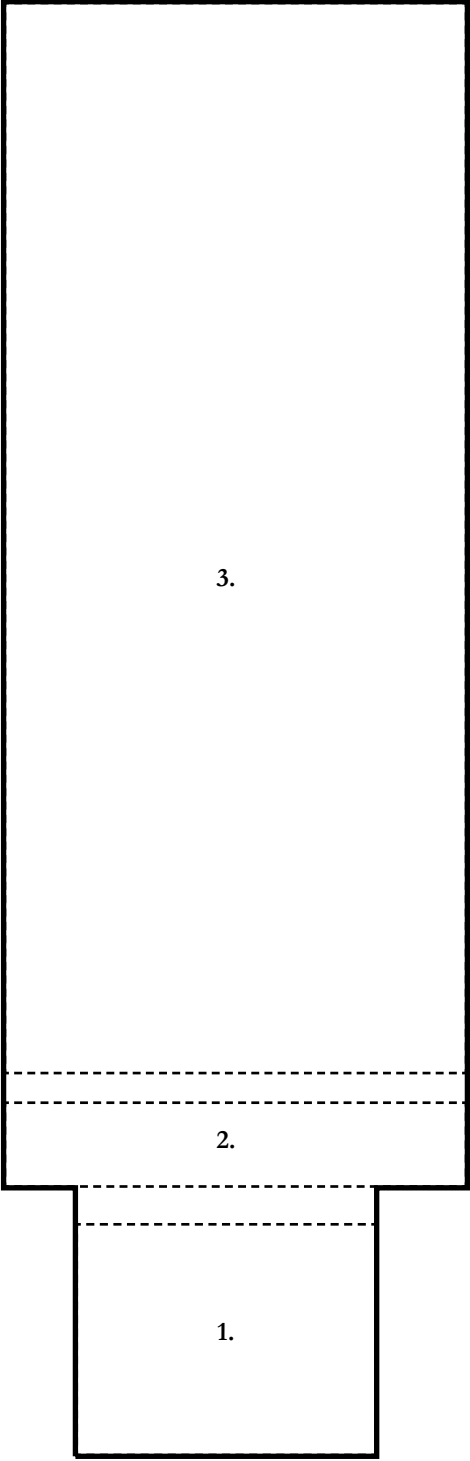


**MASSING DIAGRAMS**  
Courtyard with Hall resting on top

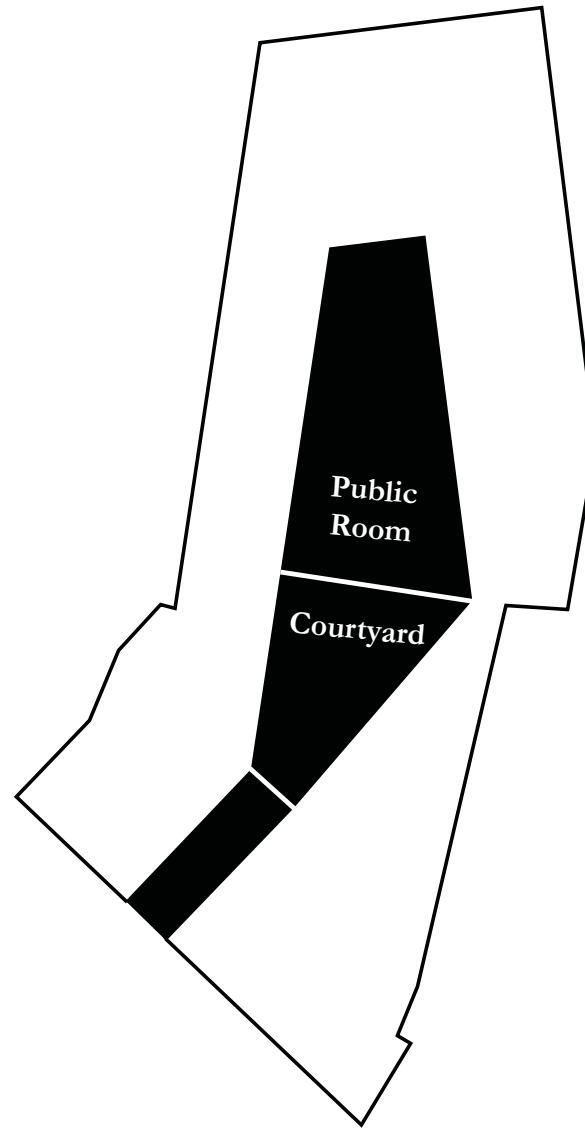


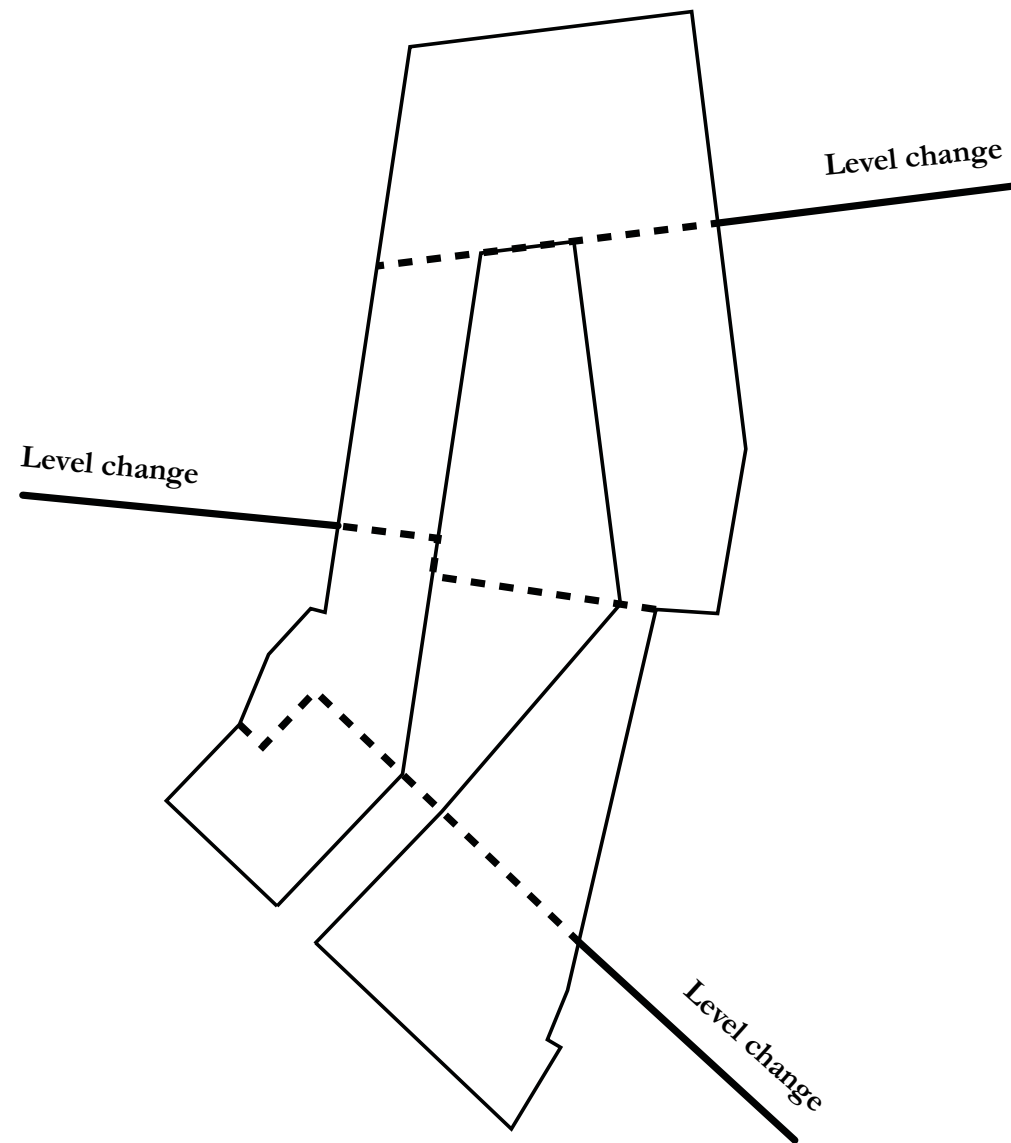


**PALAIS ROYAL**  
Three spaces in one



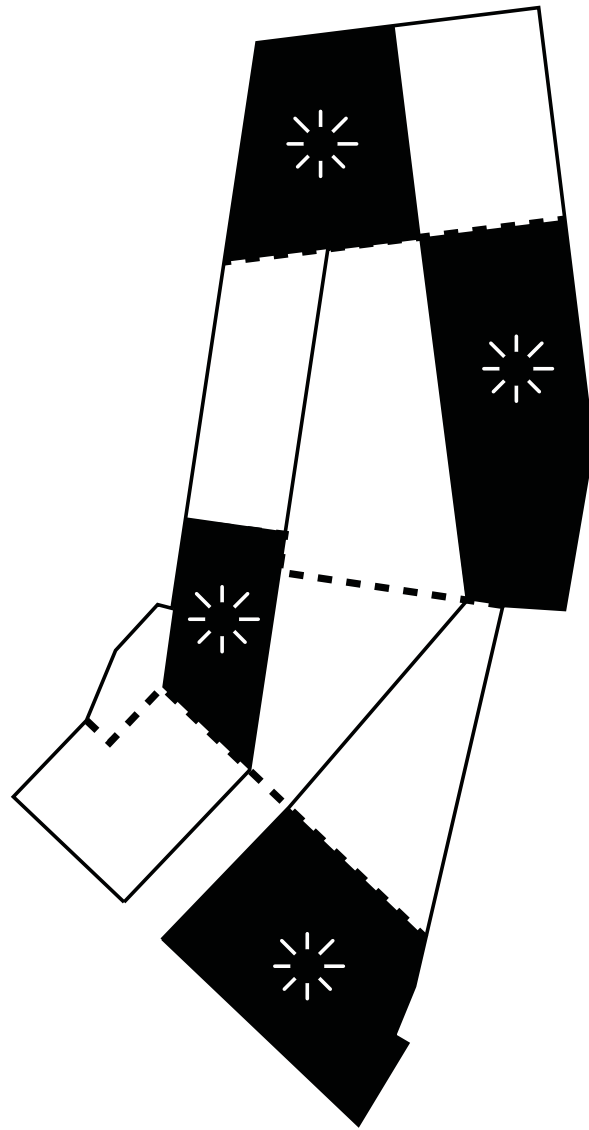
**PALAIS ROYAL**  
Diagram



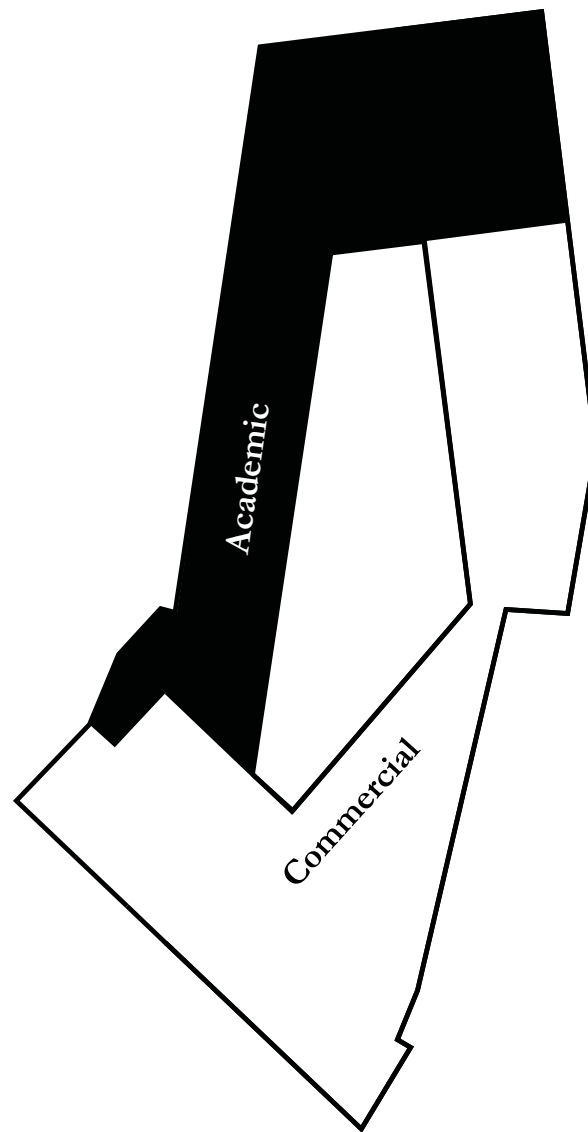


**SPATIAL ARRANGEMENT DIAGRAMS**  
Level Changes



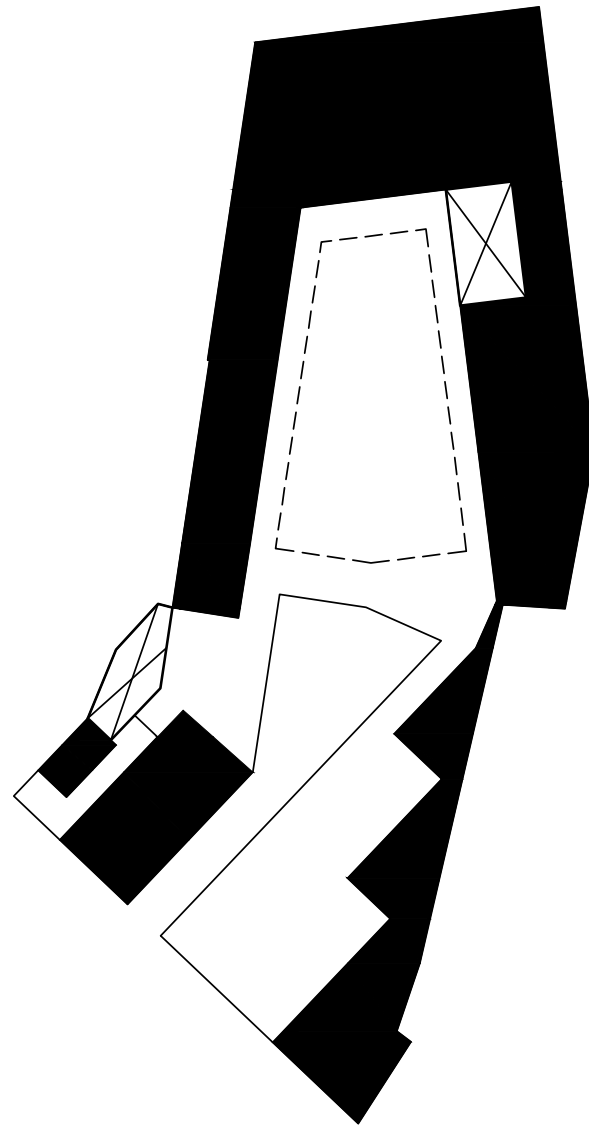




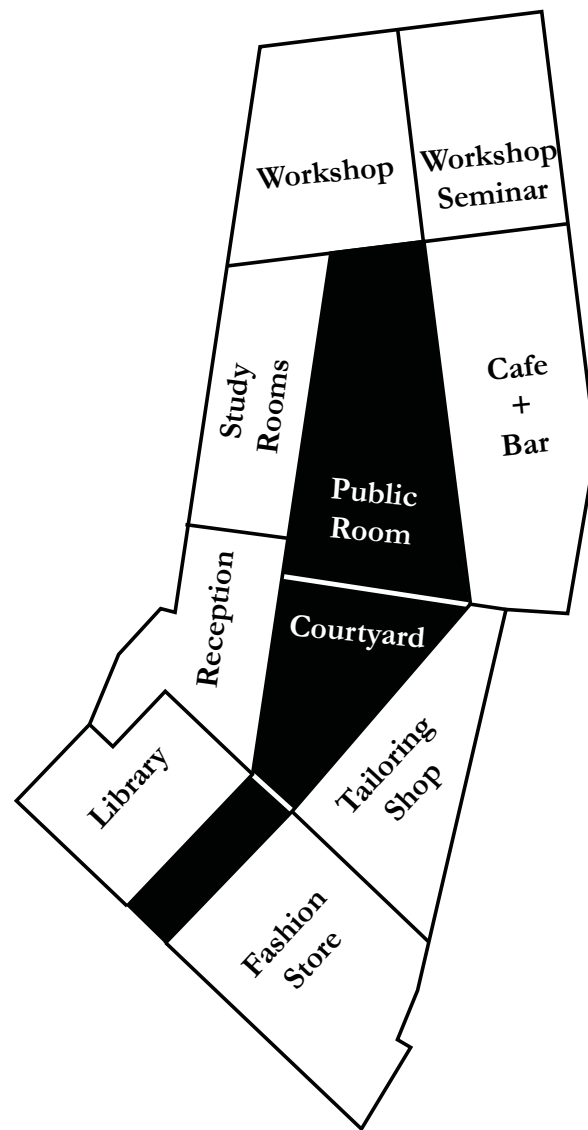


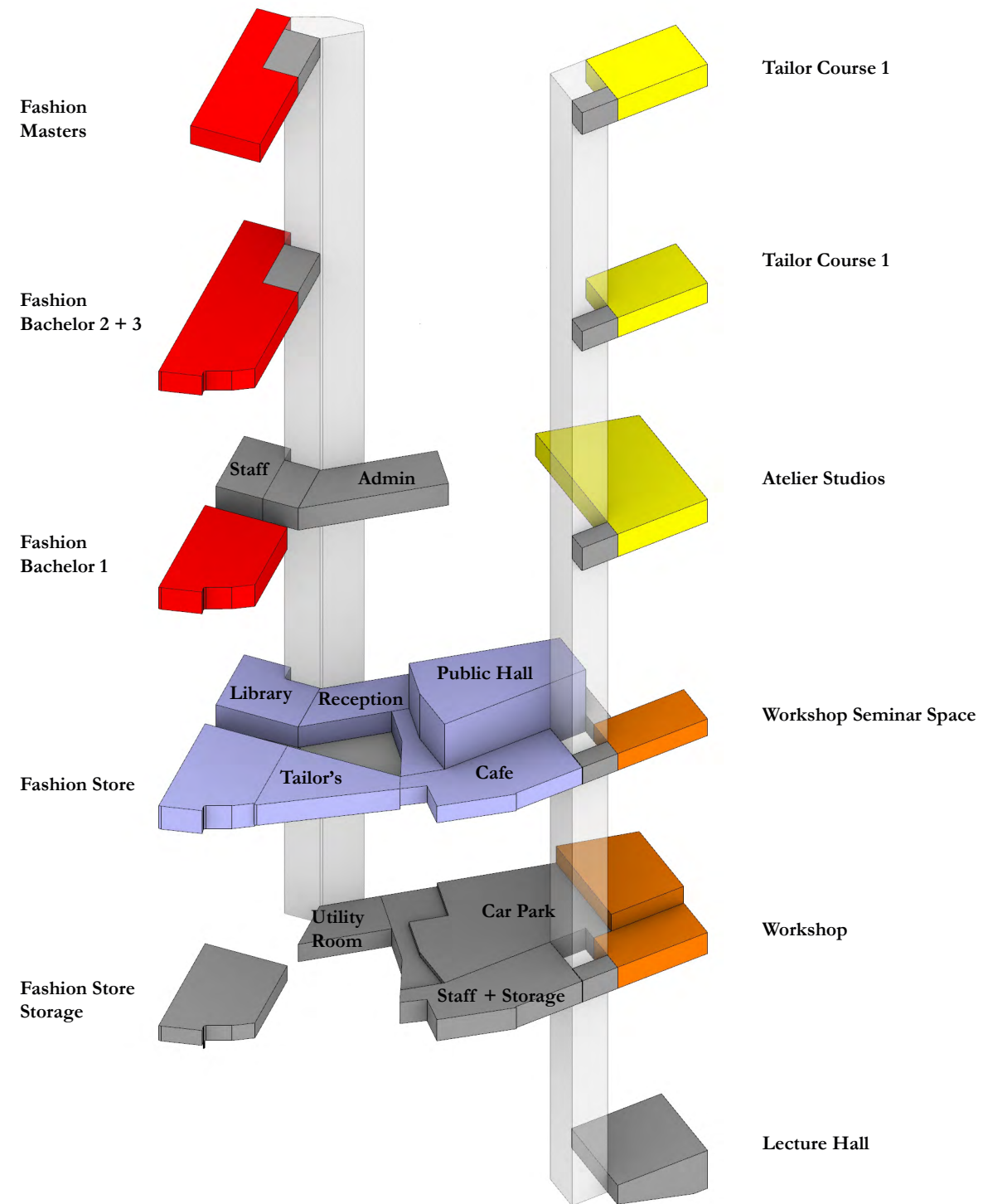
**SPATIAL ARRANGEMENT DIAGRAMS**  
Academic and Commerical Wings





**SPATIAL ARRANGEMENT DIAGRAMS**  
Circulation





**EXPLODED PROGRAM DIAGRAM**







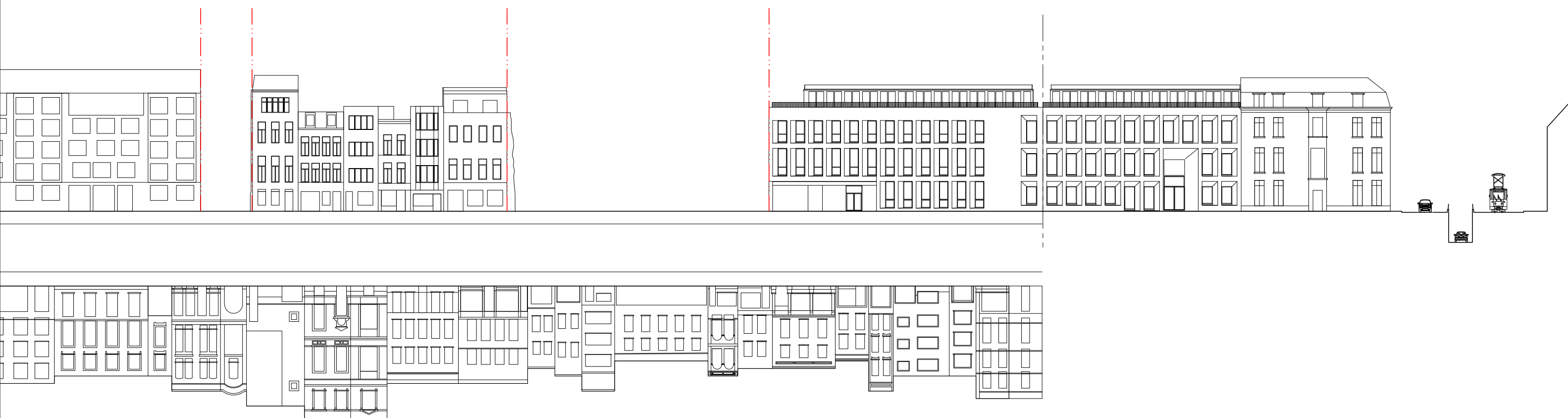






**Key Plan**

Scale 1 : 2500 @ A1



**VLEMECKVELD STREET ELEVATIONS**

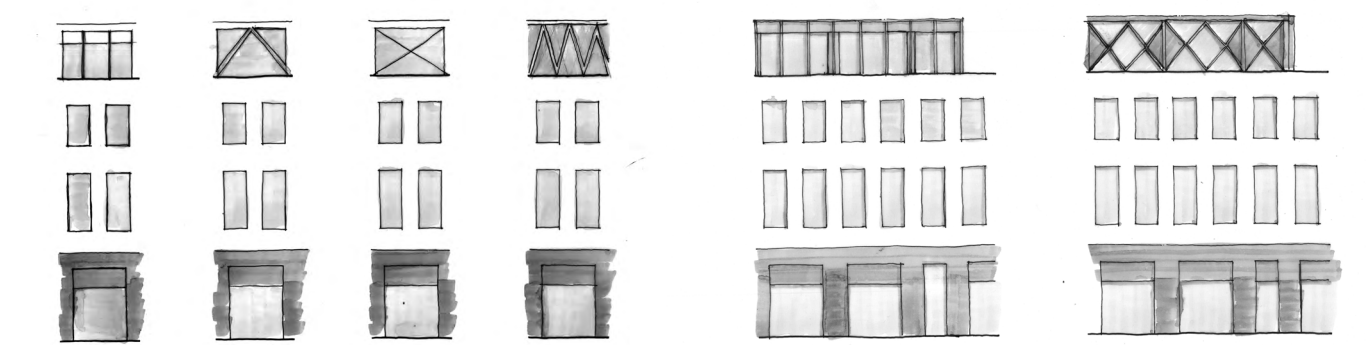
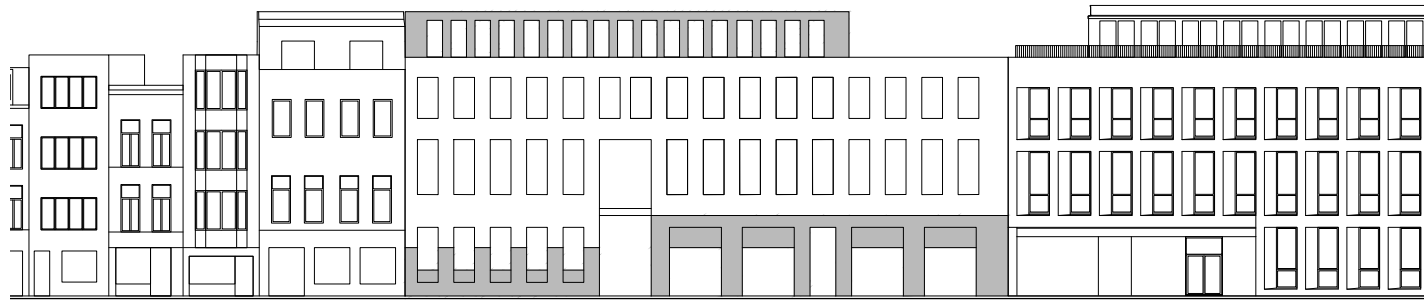


**Key Plan**

Scale 1 : 2500 @ A1









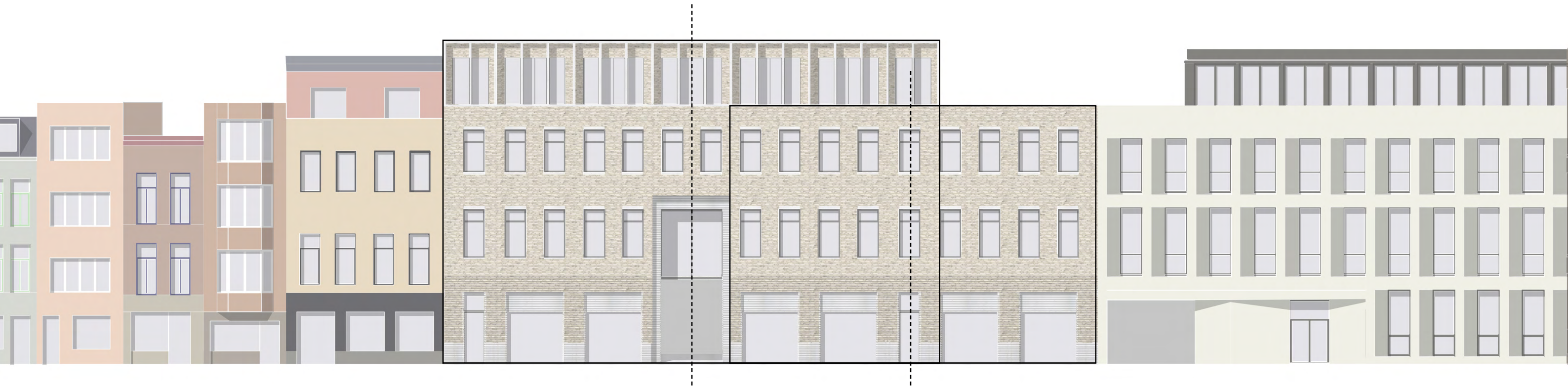
**FRONT FACADE**  
Proposal





**FRONT FACADE**  
Intimate relationship with neighbours



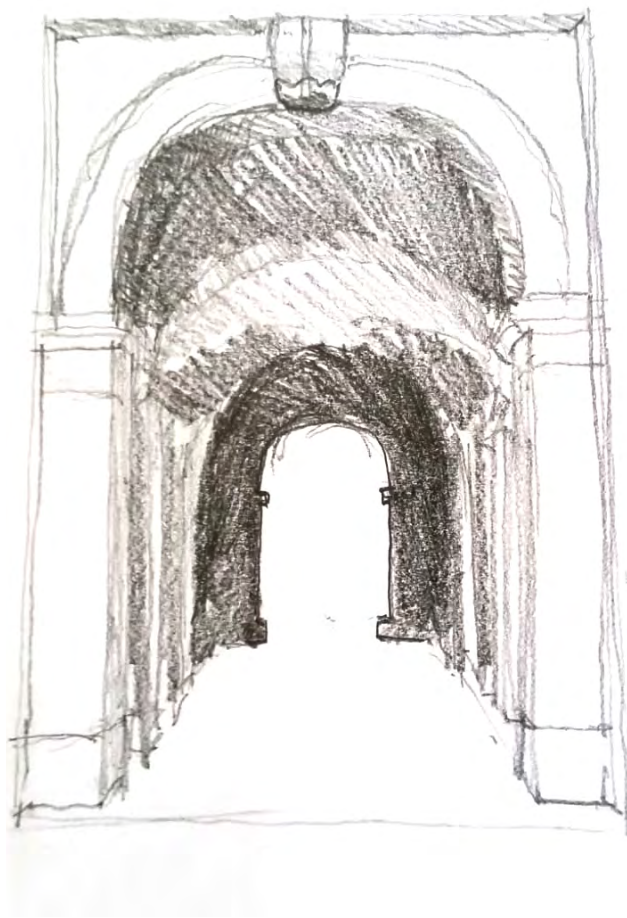


**FRONT FACADE**  
Symmetry

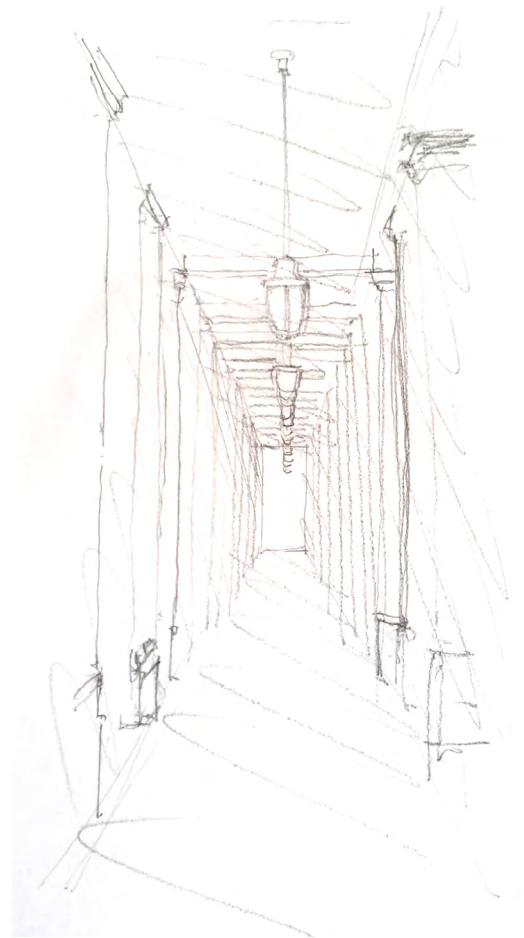


**FRONT FACADE**  
Structural Logic and Rhythm

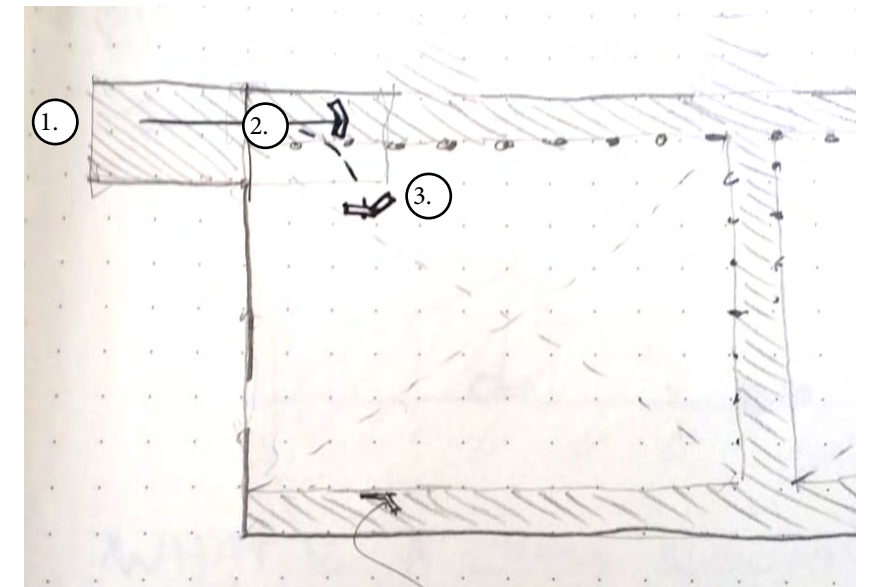




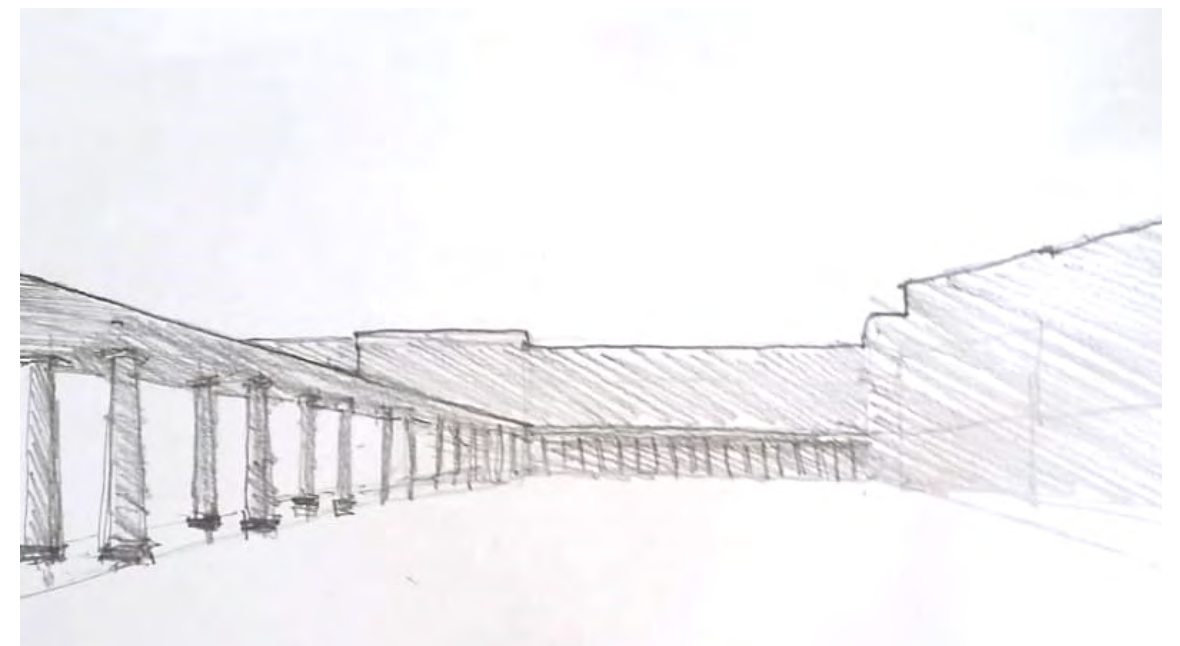
1. View walking through Palais Royal Entrance



2. View walking through Palais Royal Loggia



Sequence of spaces in plan



3. View of Palais Royal Square

# **SEQUENCE OF ENTERING THRESHOLD** Palais Royal





**SEQUENCE OF ENTERING THRESHOLD**  
Milanese Entrances





**SEQUENCE THROUGH THE BUILDING**  
View into the courtyard





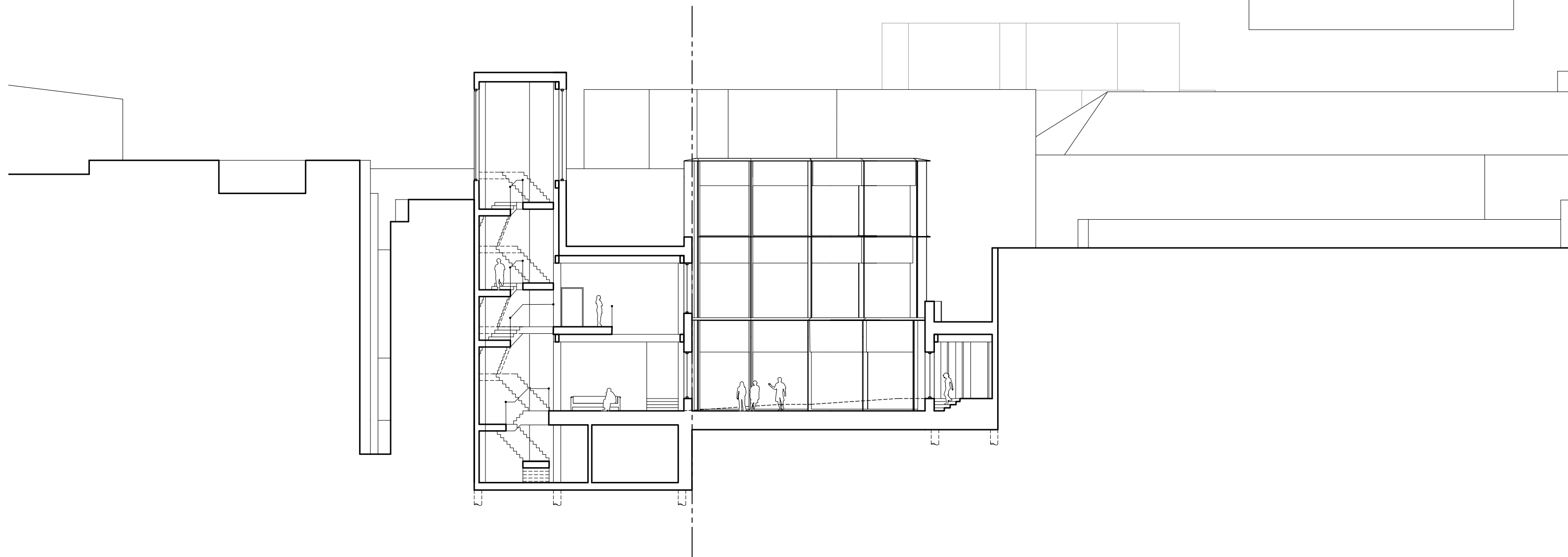
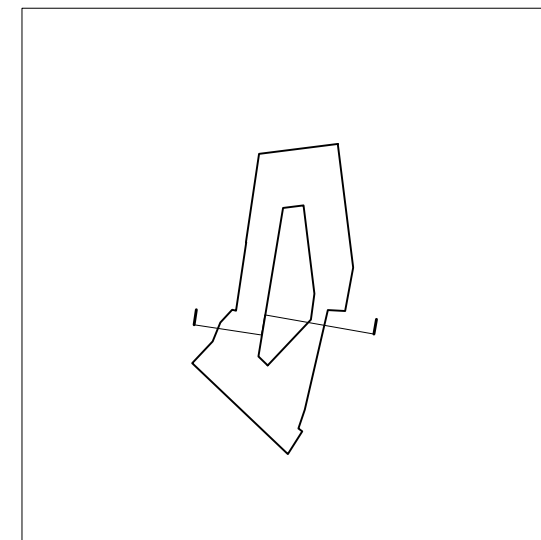
**SEQUENCE THROUGH THE BUILDING**  
Outside Courtyard



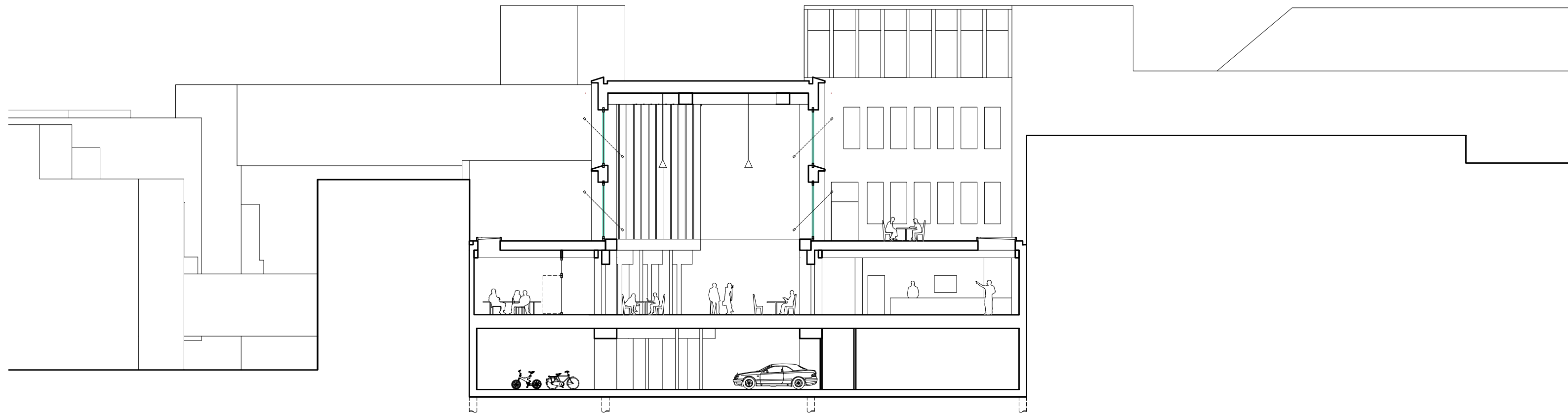
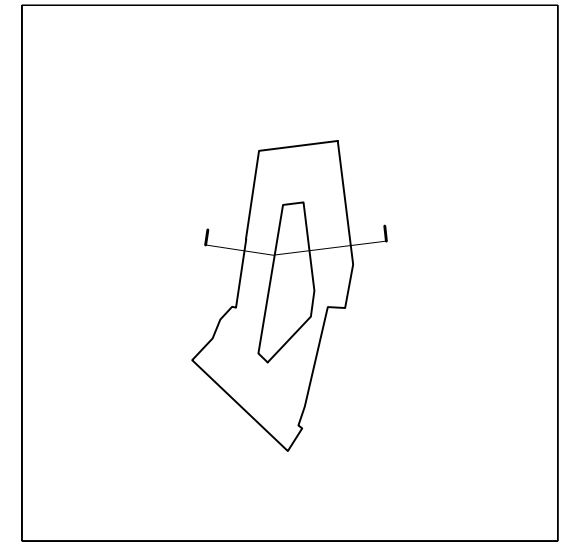


**SEQUENCE THROUGH THE BUILDING**  
Reception





**SEQUENCE THROUGH THE BUILDING**  
Courtyard



**SEQUENCE THROUGH THE BUILDING**  
Public Hall





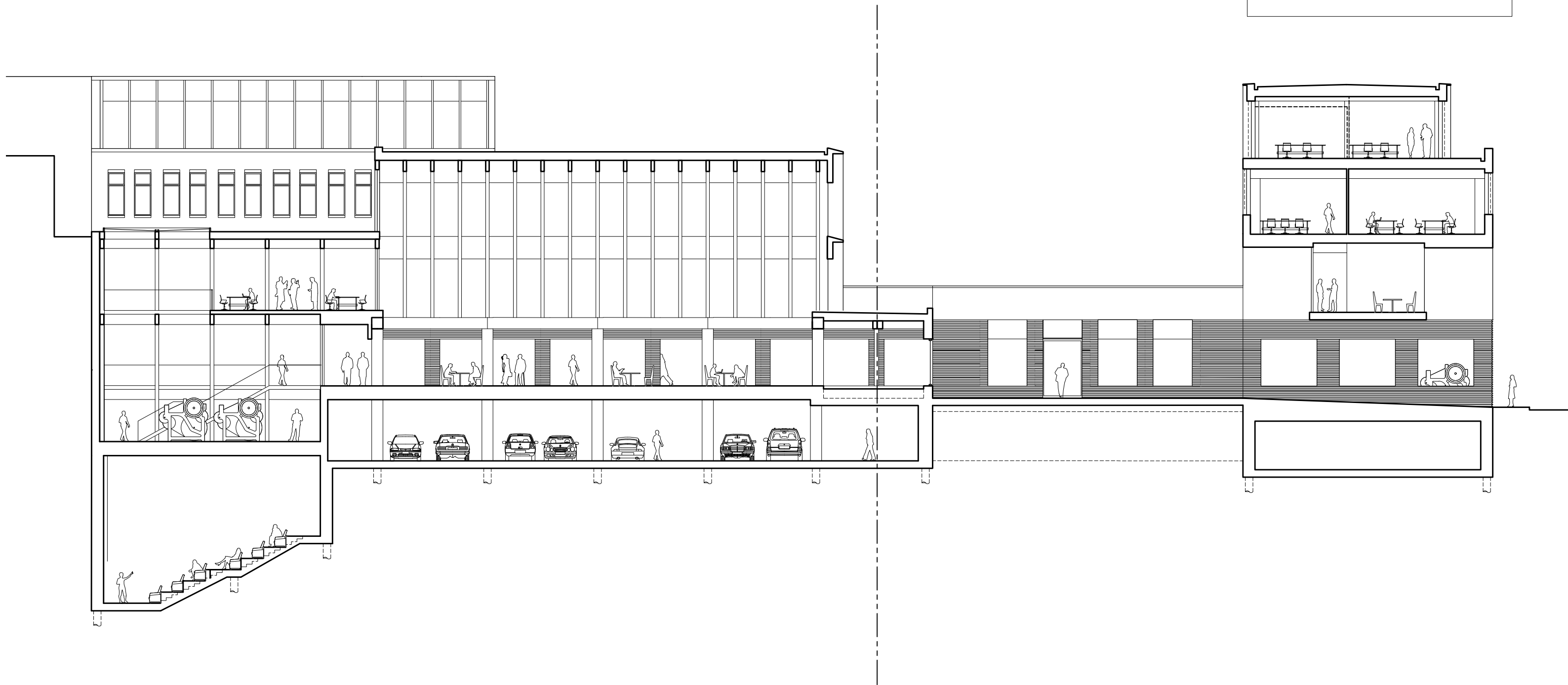
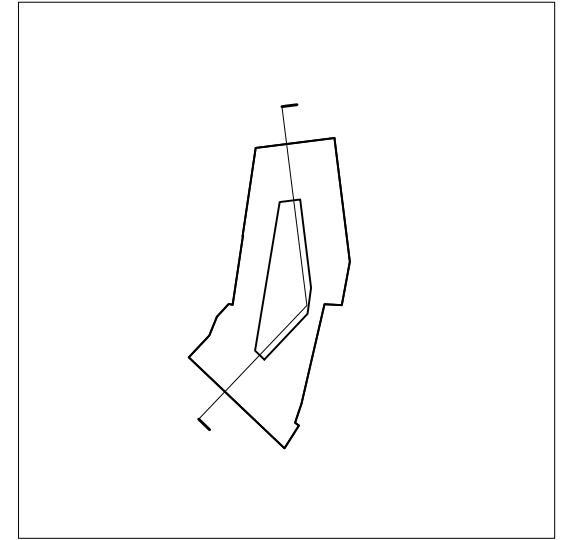
**SEQUENCE THROUGH THE BUILDING**  
Public Hall Socialising



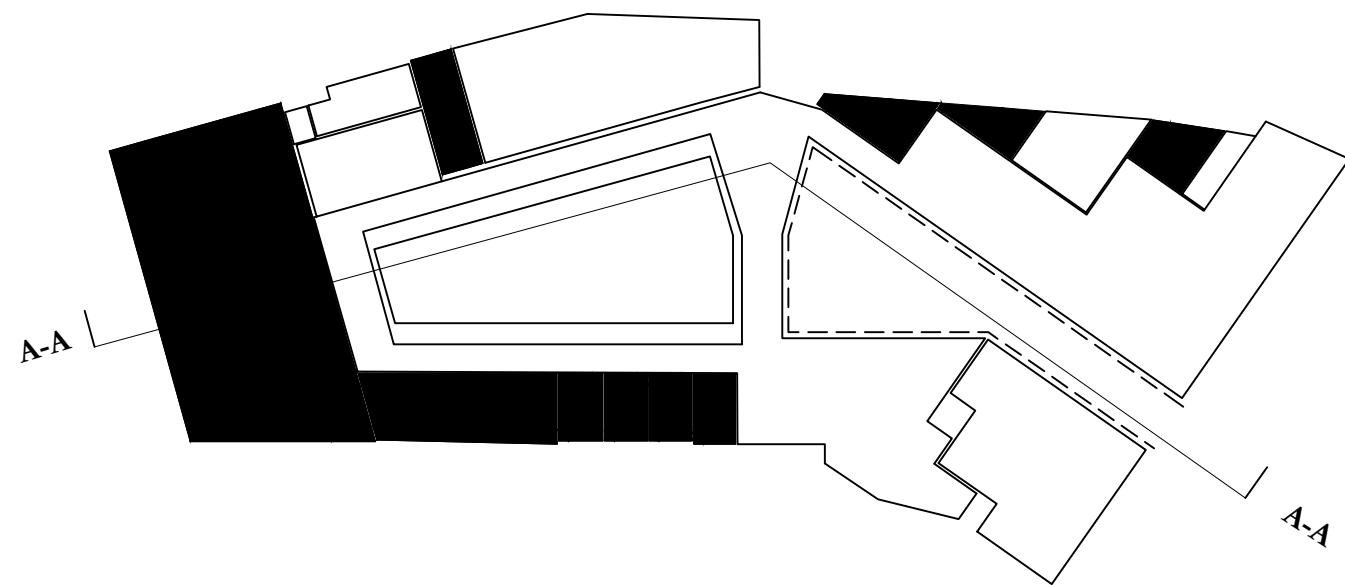


**SEQUENCE THROUGH THE BUILDING**  
Public Hall Night time Festivities

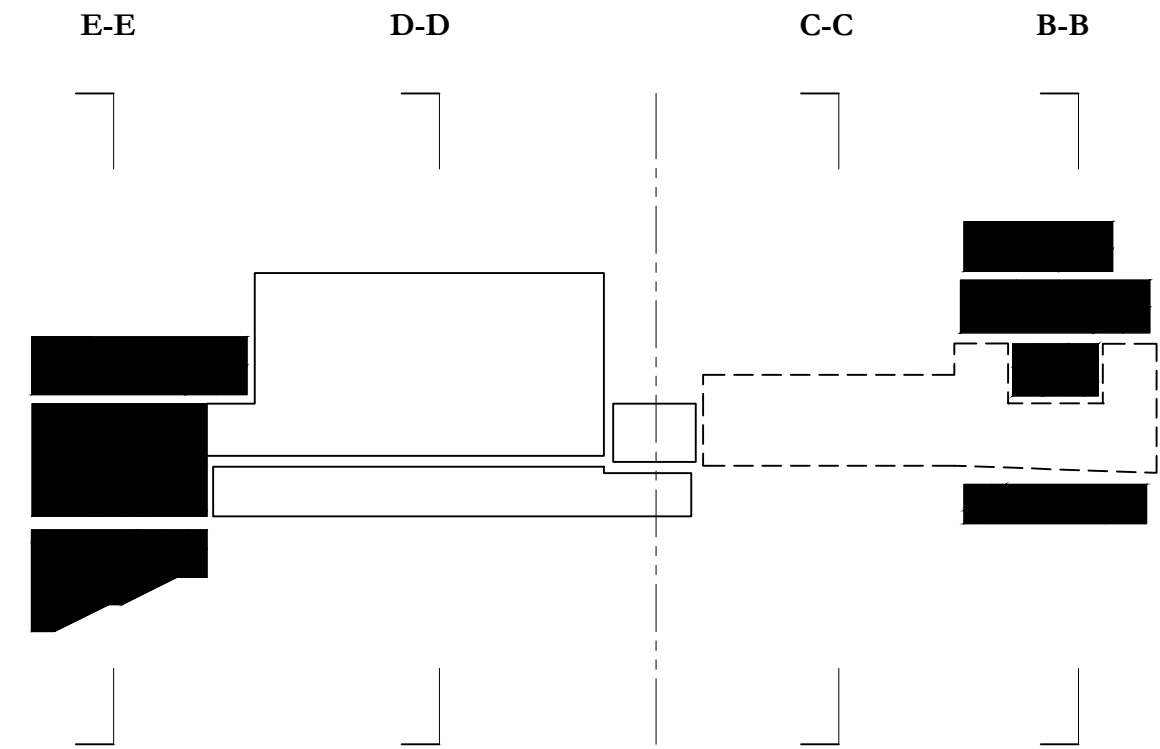




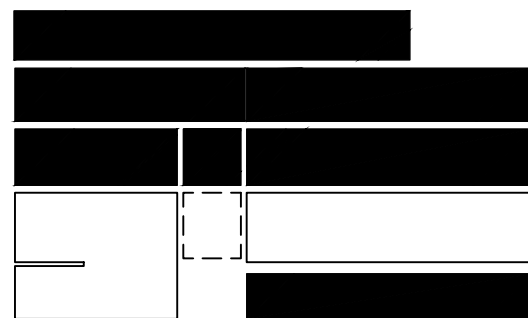
**SEQUENCE THROUGH THE BUILDING**  
Long Section



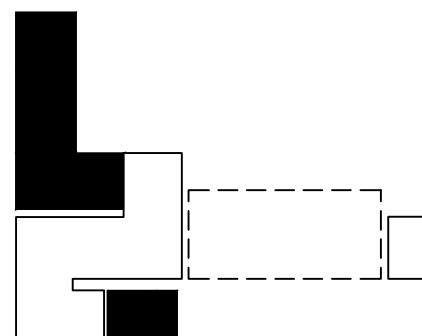
Ground Floor Plan



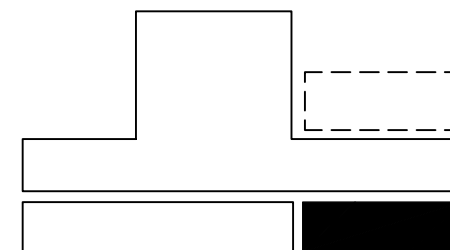
Section A-A



Section B-B



Section C-C



Section D-D

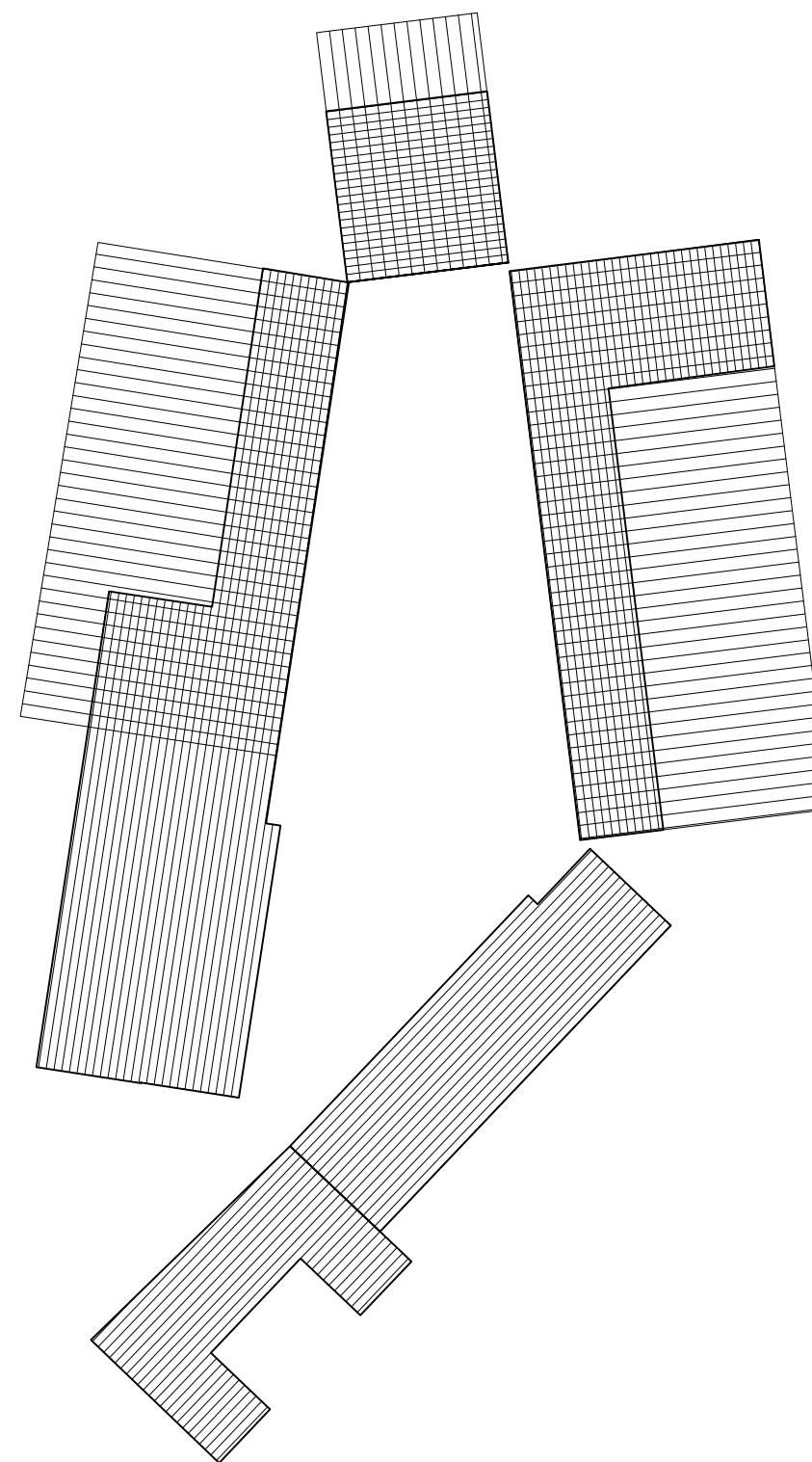
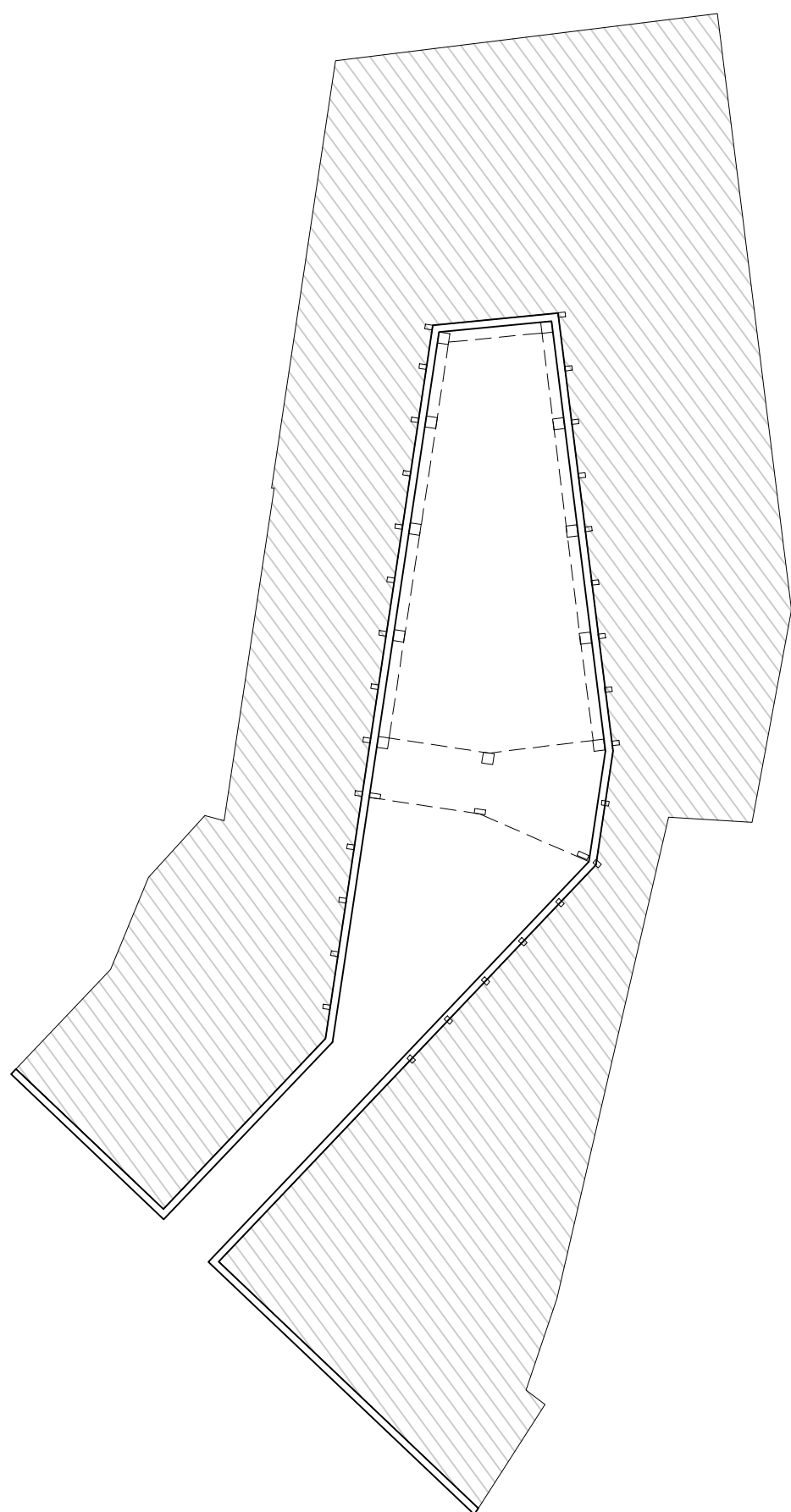


Section E-E

# **SEQUENCE THROUGH THE BUILDING** Public and Private Spaces

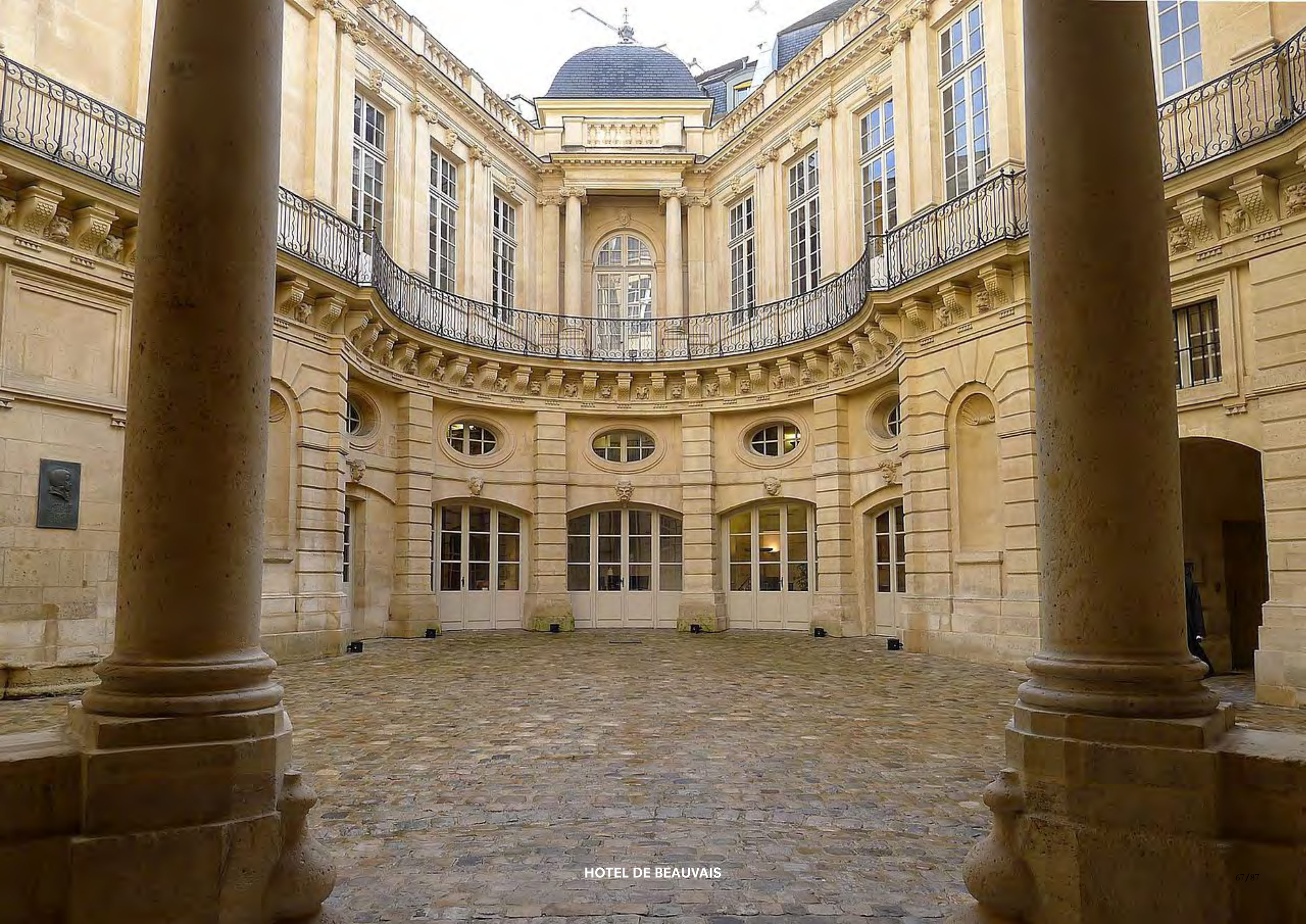






**COURTYARD MATERIAL COMPOSITION**  
Rhythms of Facades





HOTEL DE BEAUVAIS

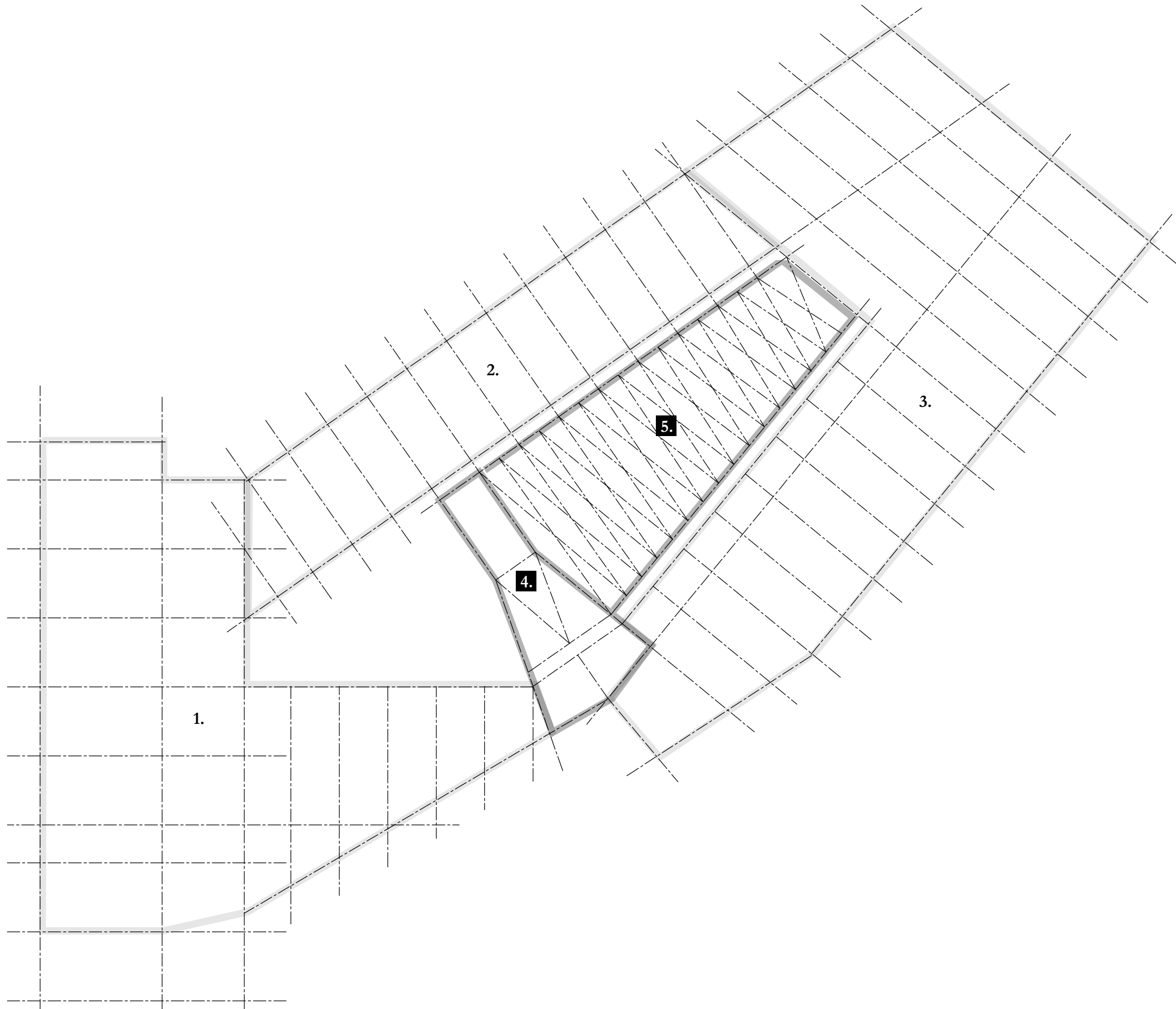






[illegible]

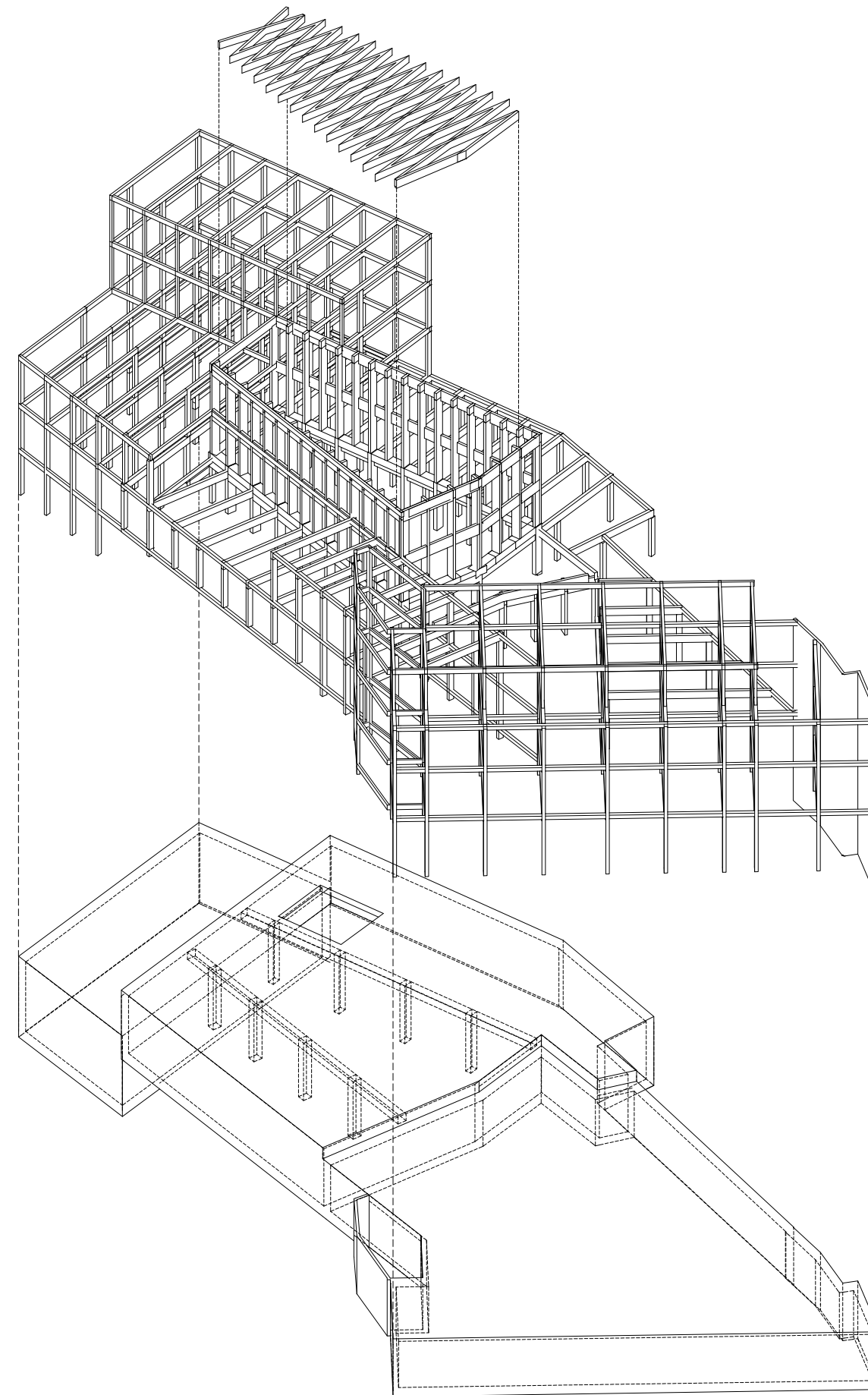
235



## STRUCTURE

3 Primary Grids joined by a Hall and a Ramp





Glue-laminated  
Timber Frame Construction

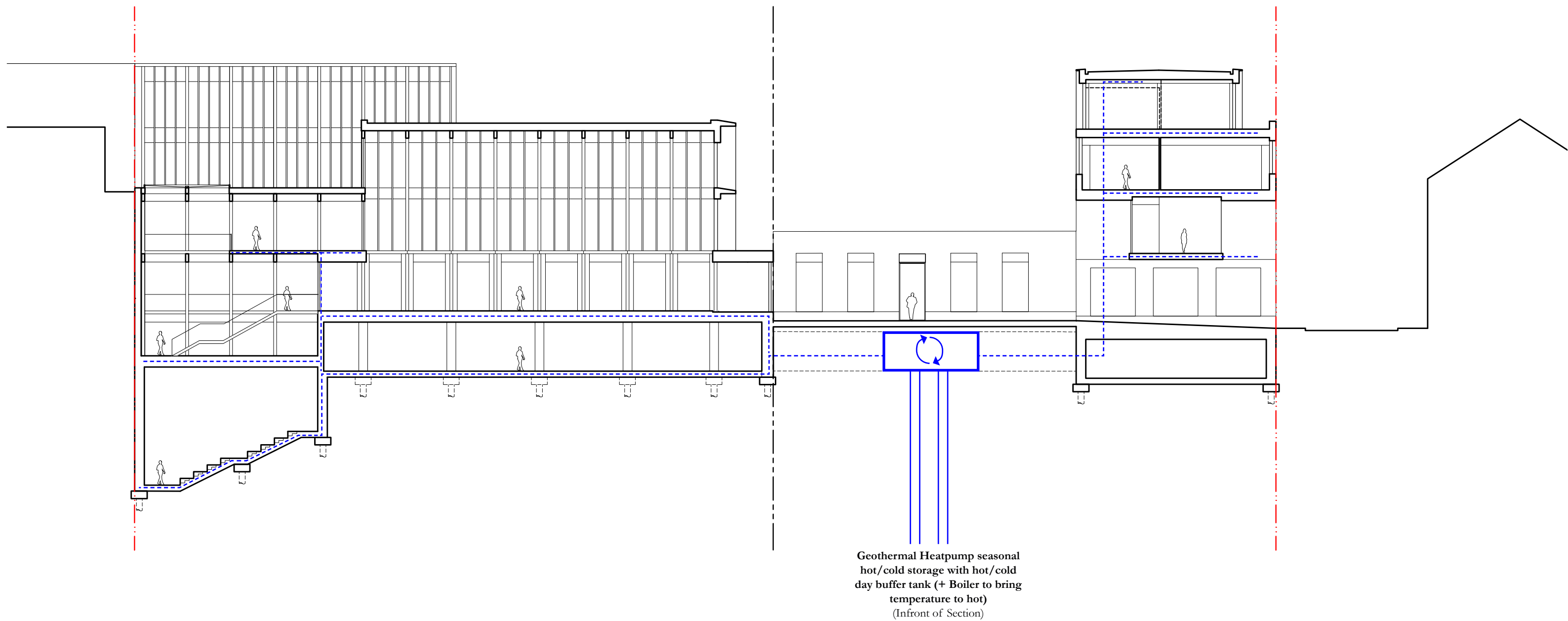
In-Situ Concrete Construction

**STRUCTURE**  
Simple Materiality of Structure



## TRADITIONAL PRECEDENTS

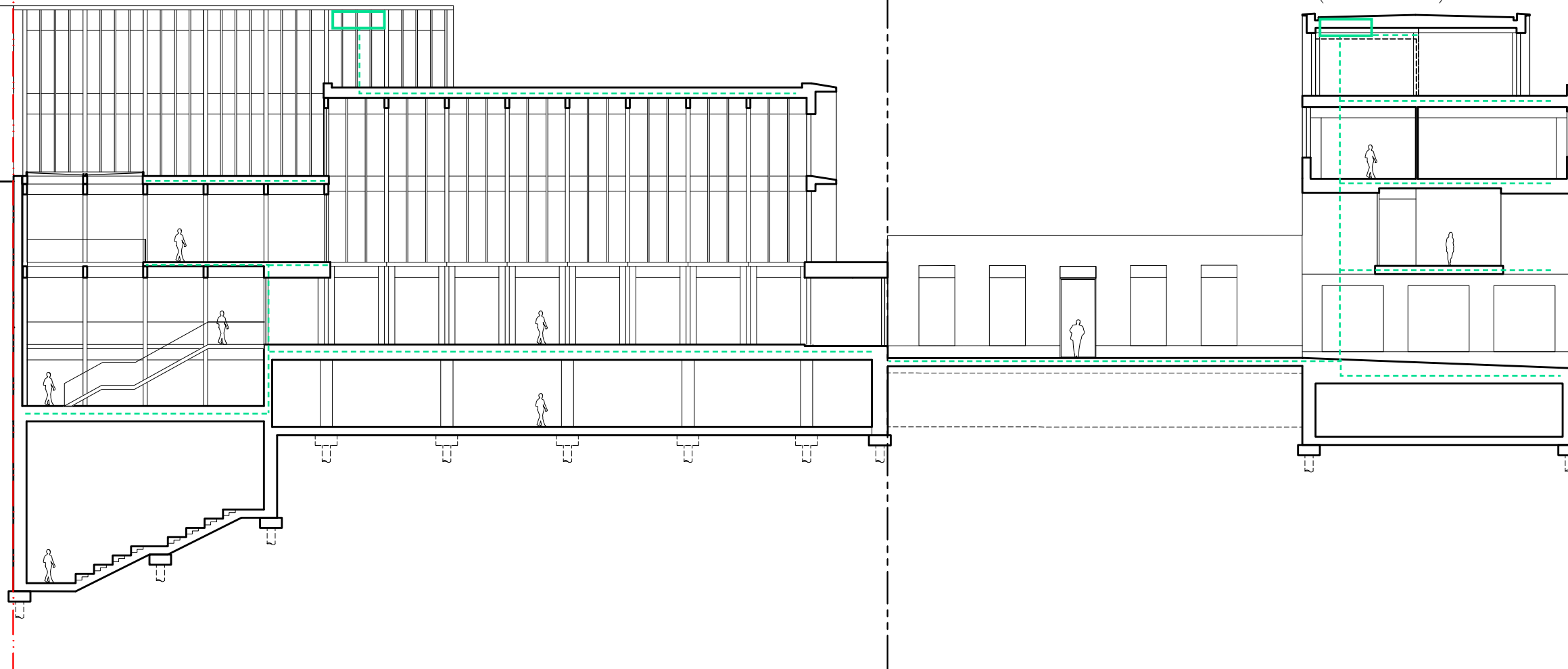




**BUILDING SERVICES OVERALL DIAGRAM**  
Underfloor heating Section

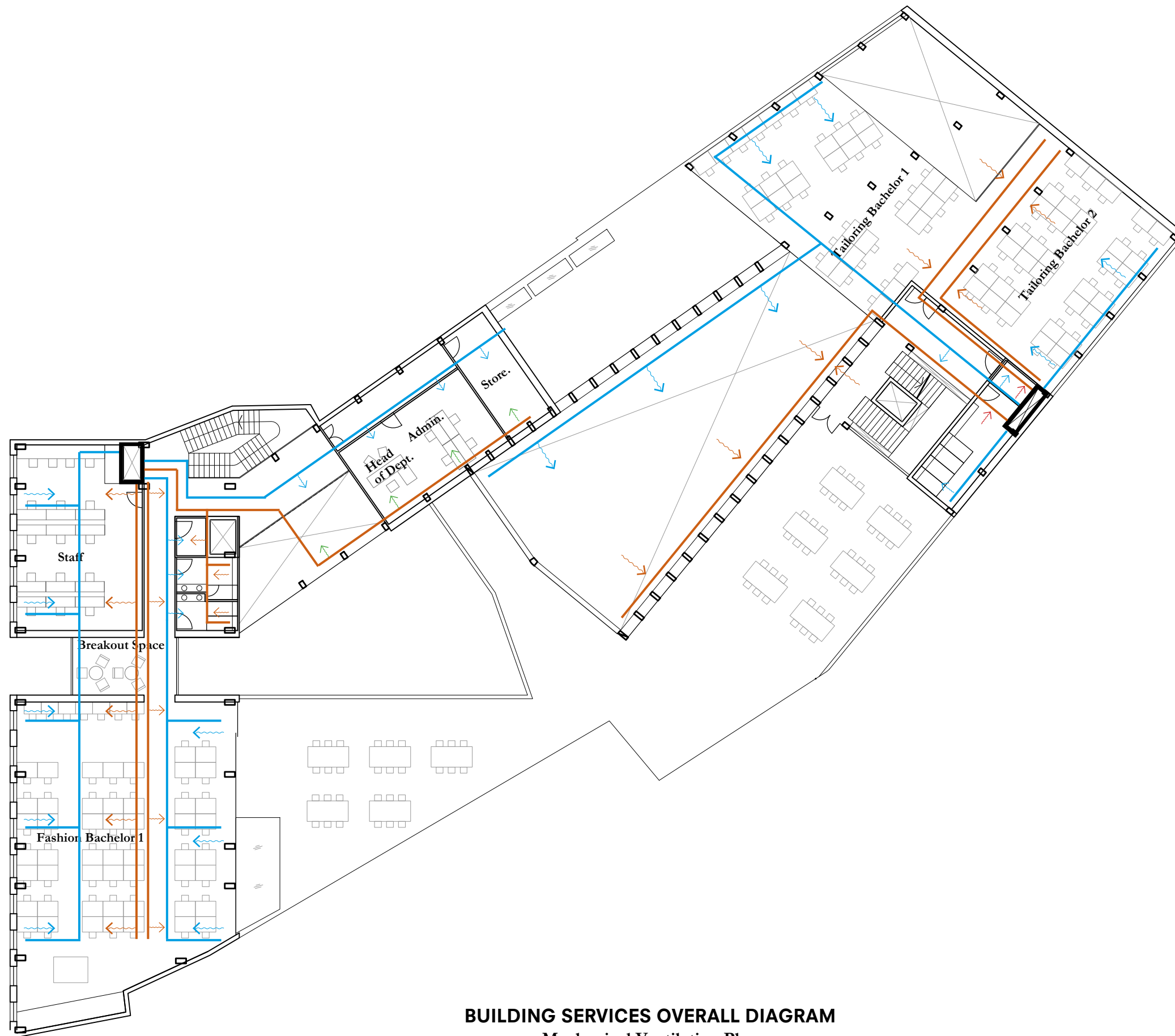
**4x Mechanical Ventilation Heat Recovery Units**  
(2395lx1740wx495d) @ 2500 m<sup>3</sup>/h  
(Behind Section)

**1x Mechanical Ventilation Heat Recovery Unit**  
(2970l x 1715w x 1030d) @ 8500m<sup>3</sup>/h  
(Infront of Section)



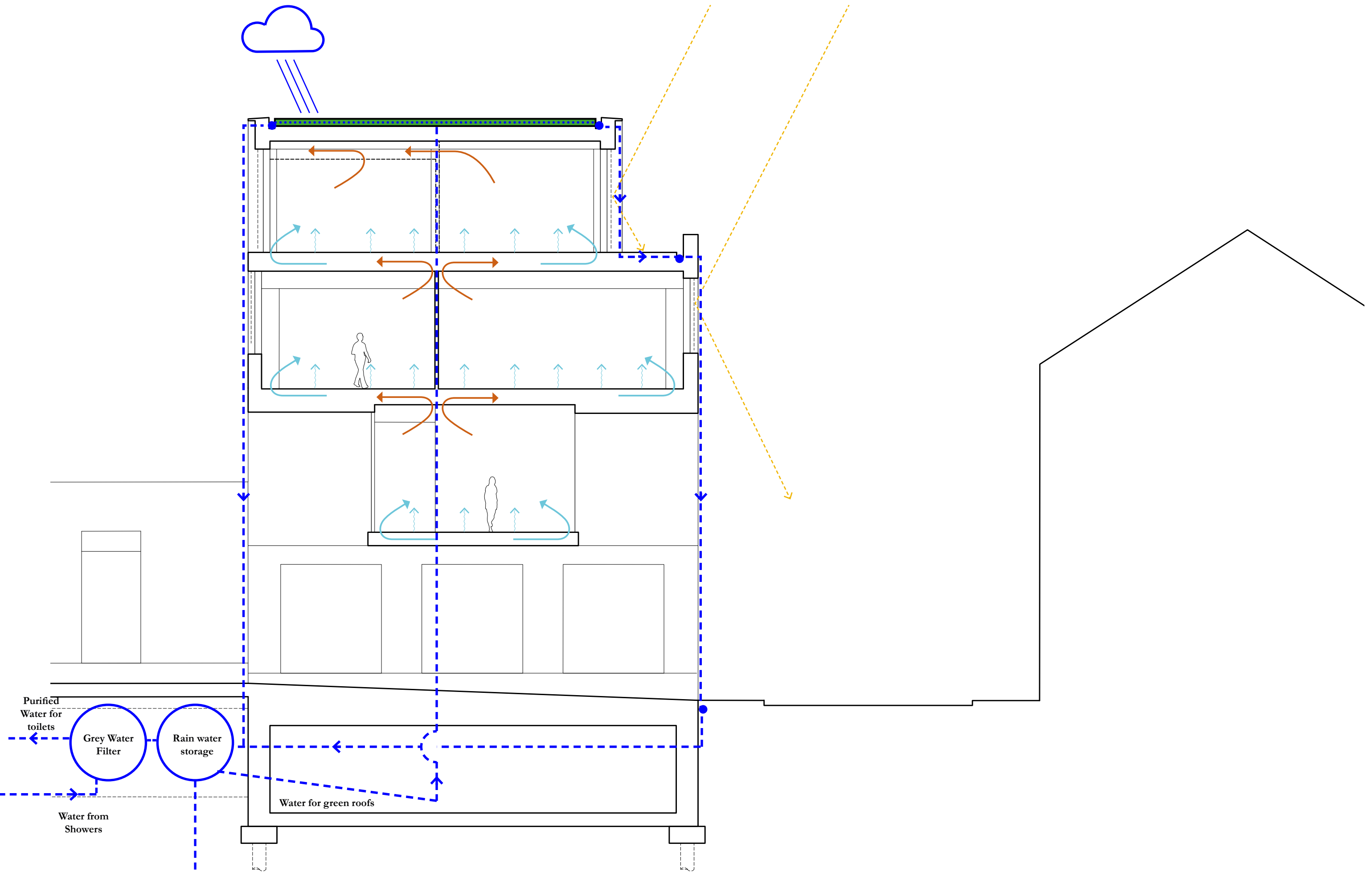
**BUILDING SERVICES OVERALL DIAGRAM**  
Mechanical Ventilation Section





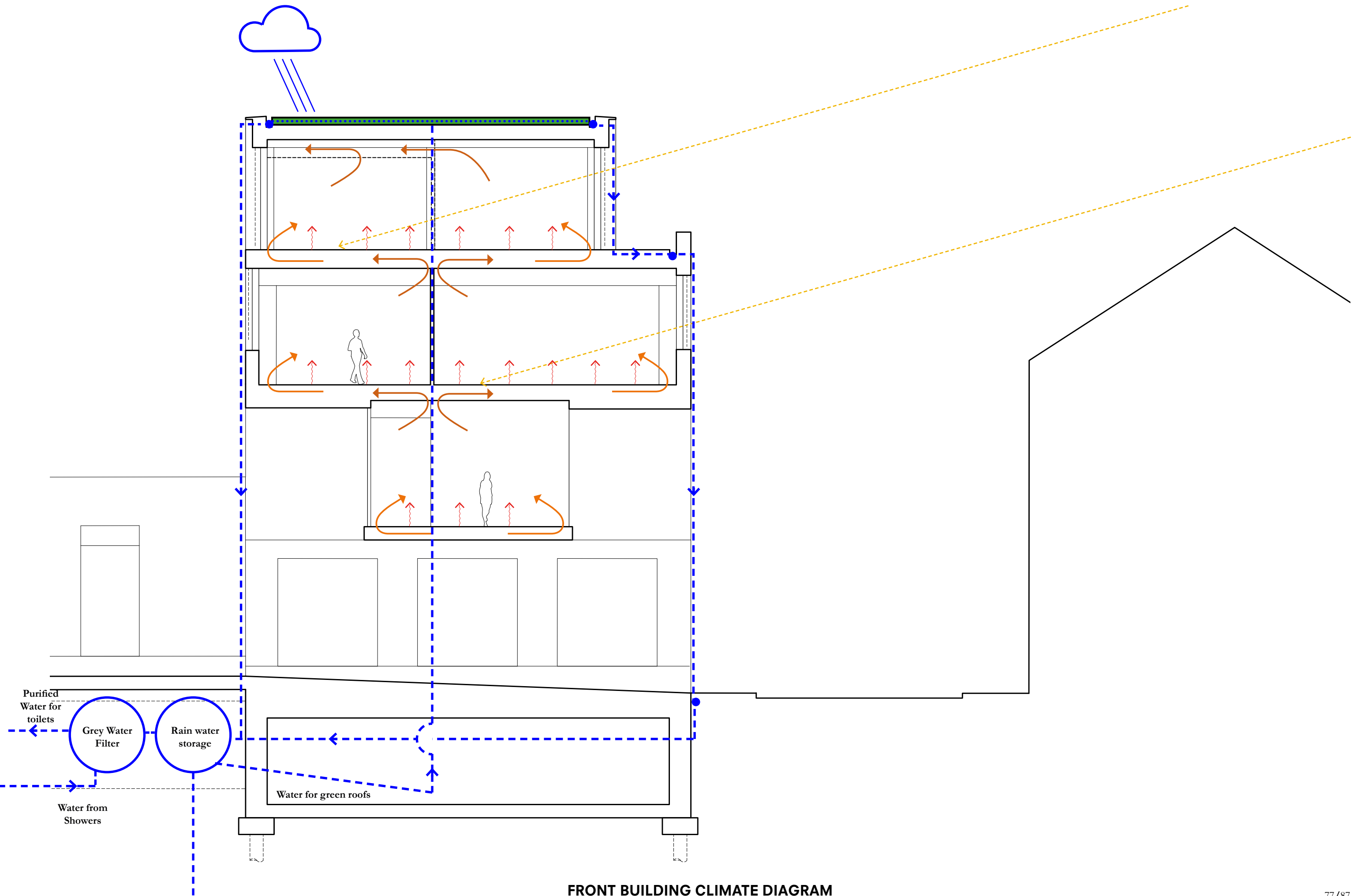
First Floor  
 0 5m

**BUILDING SERVICES OVERALL DIAGRAM**  
 Mechanical Ventilation Plan

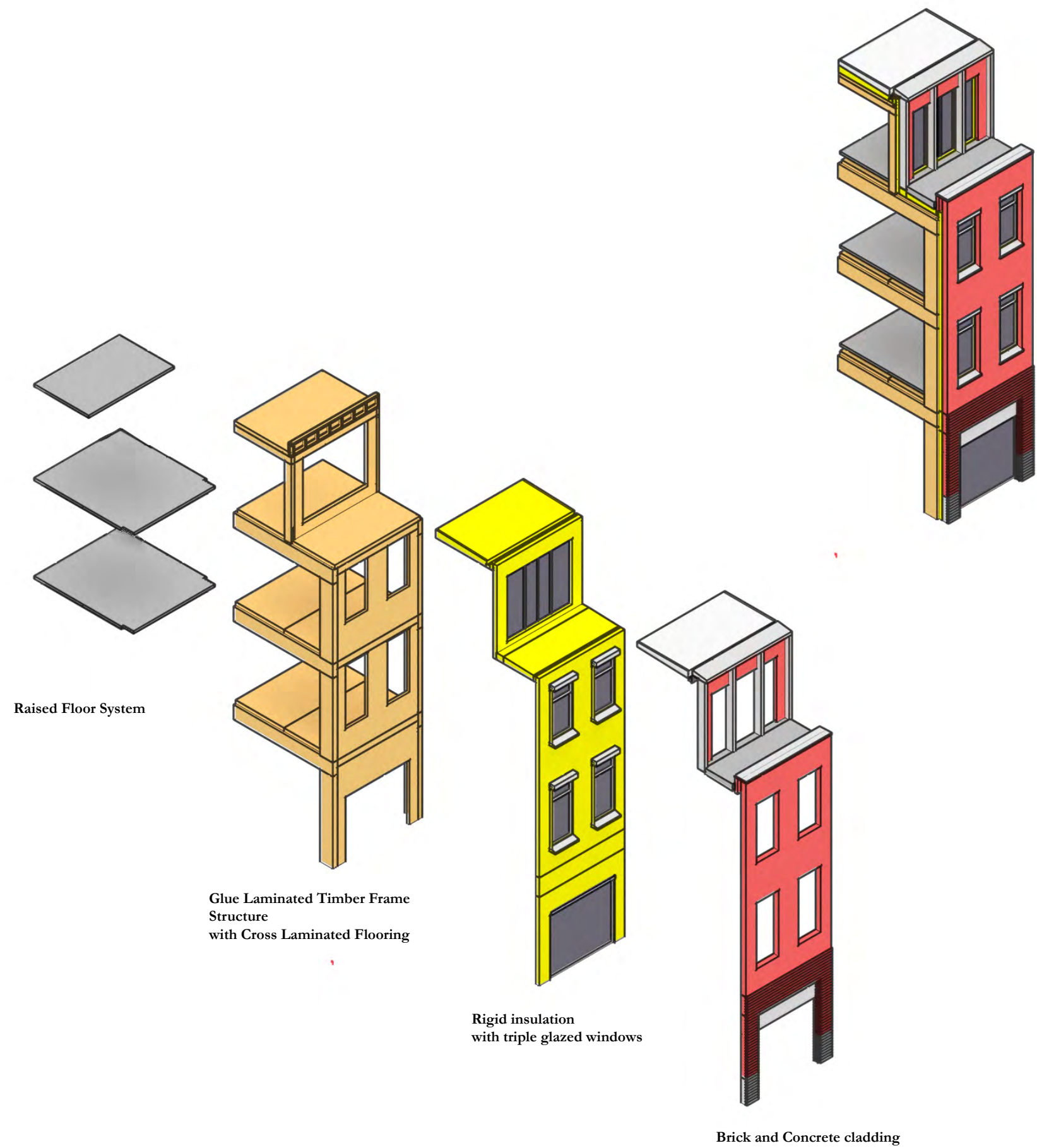


FRONT BUILDING CLIMATE DIAGRAM  
Summer Cooling





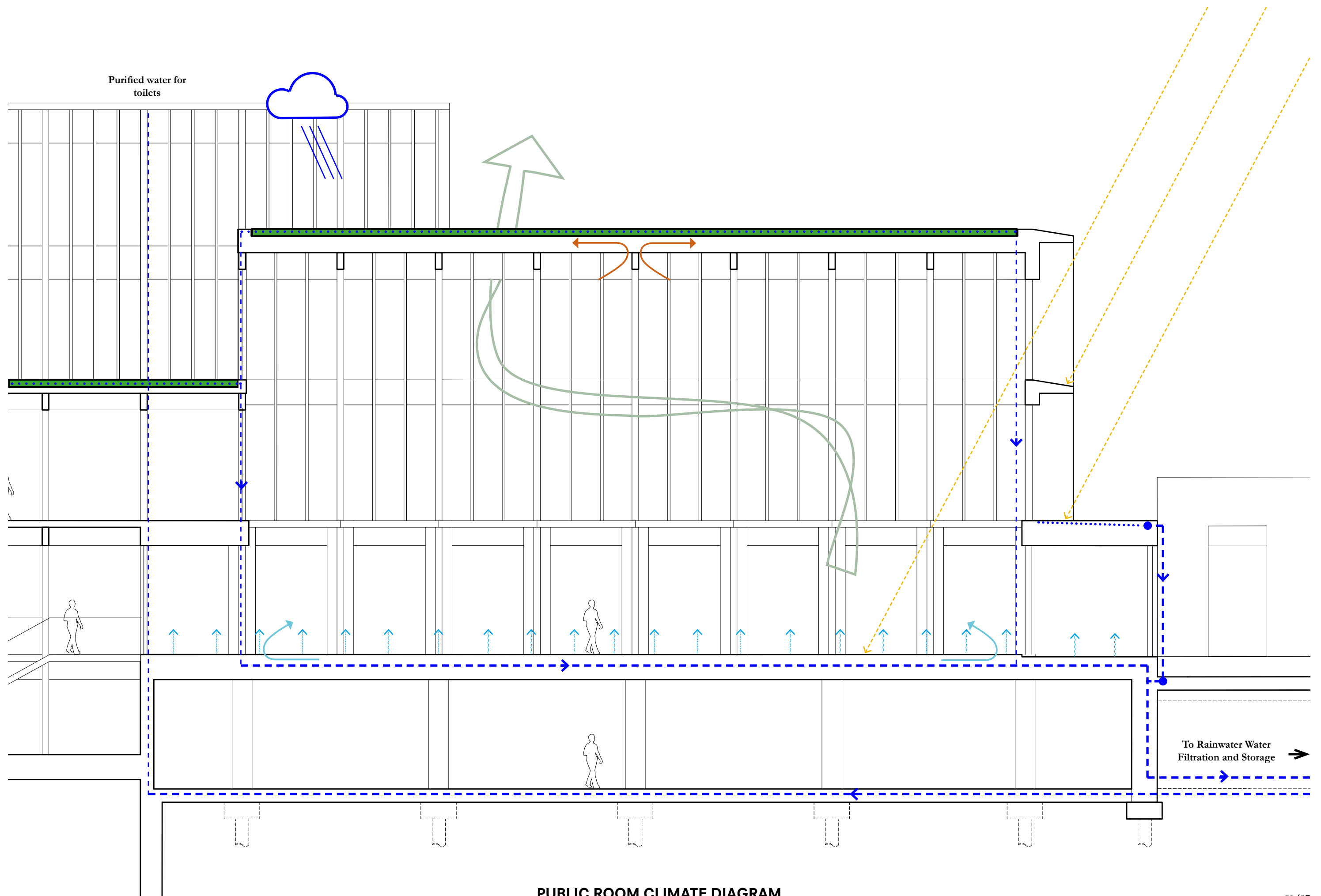
**FRONT BUILDING CLIMATE DIAGRAM**  
Winter Heating



**TYPICAL BAY OF THE FRONT FACADE**  
Exploded Axonometric

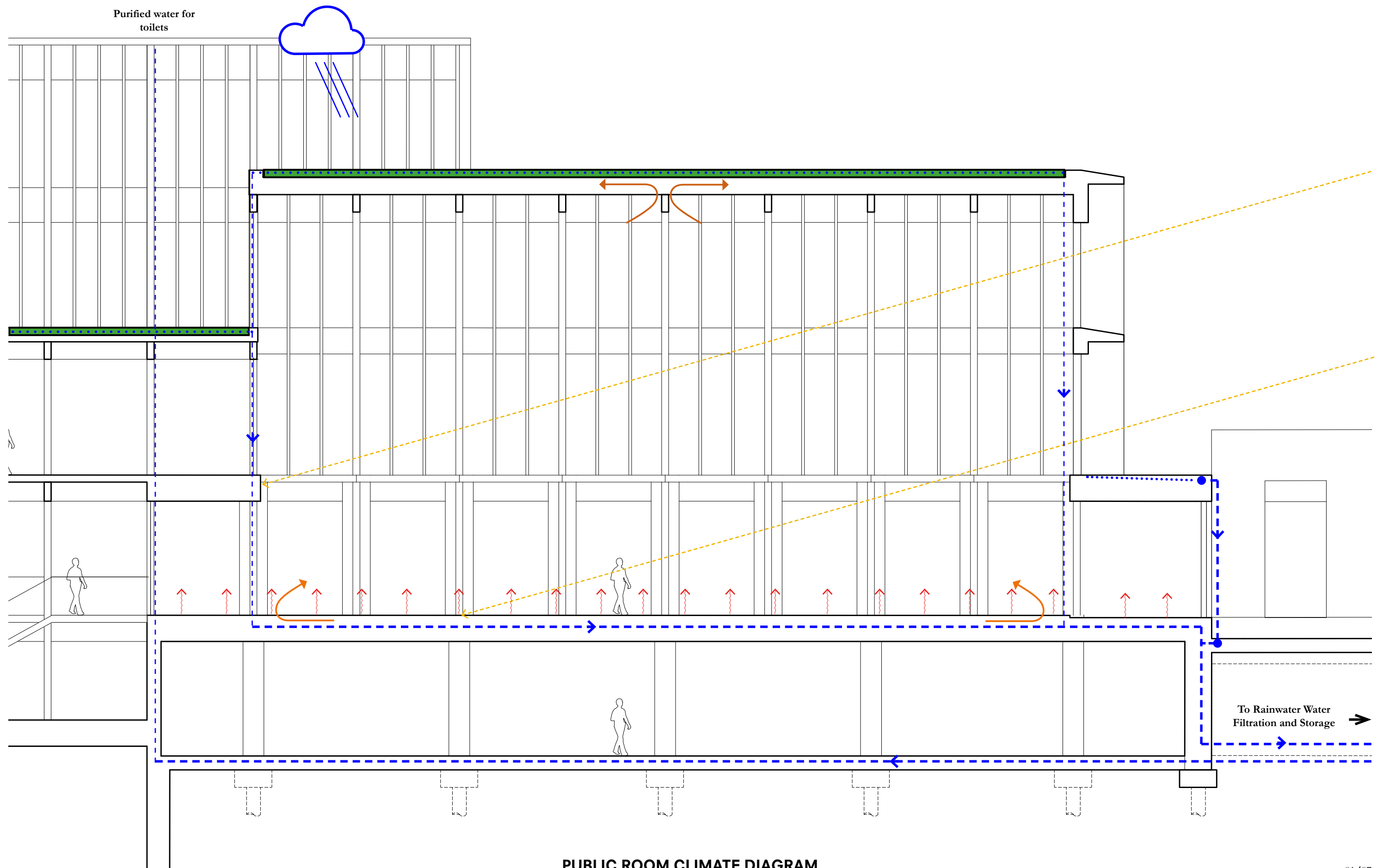






**PUBLIC ROOM CLIMATE DIAGRAM**  
Summer Cooling

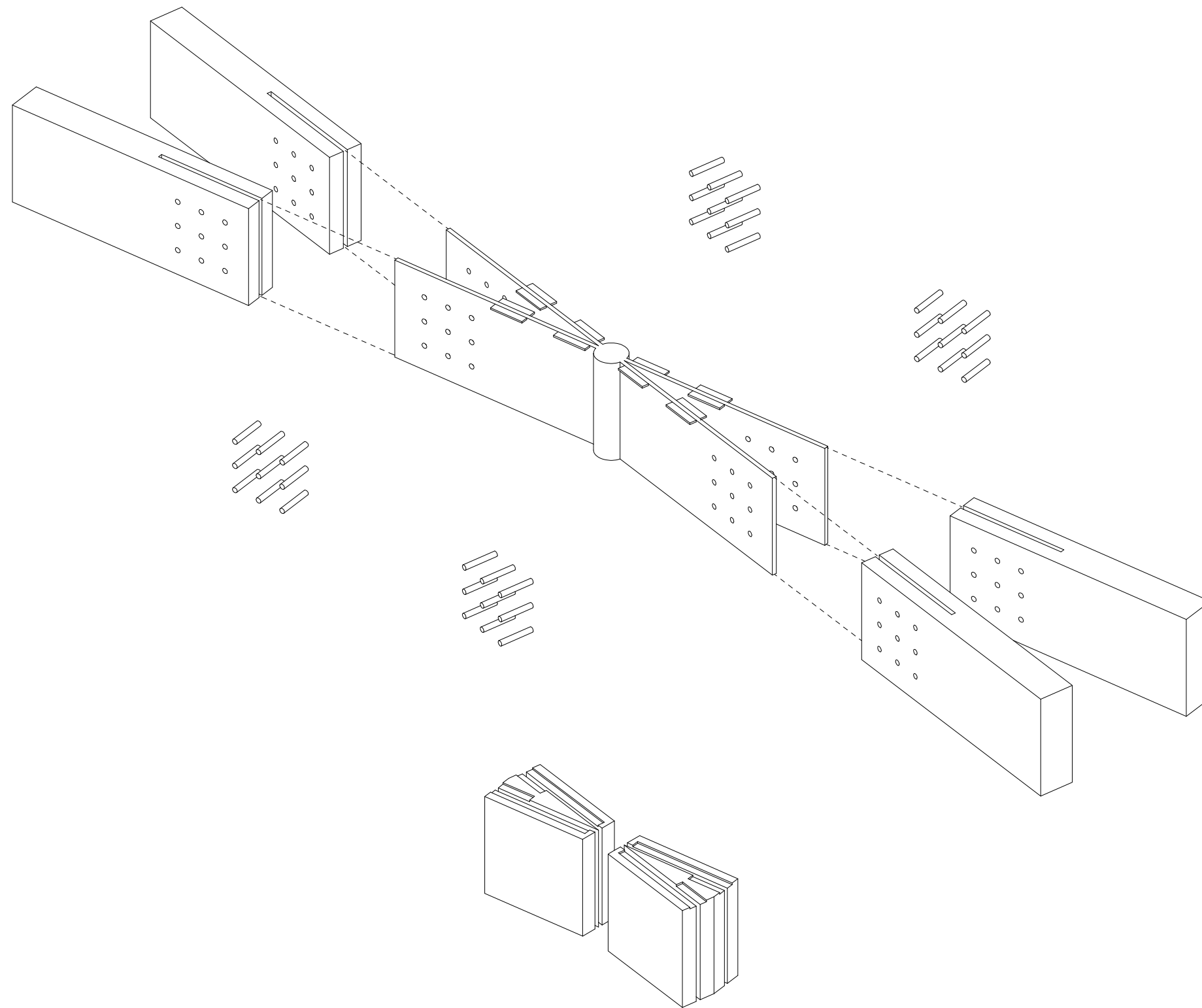




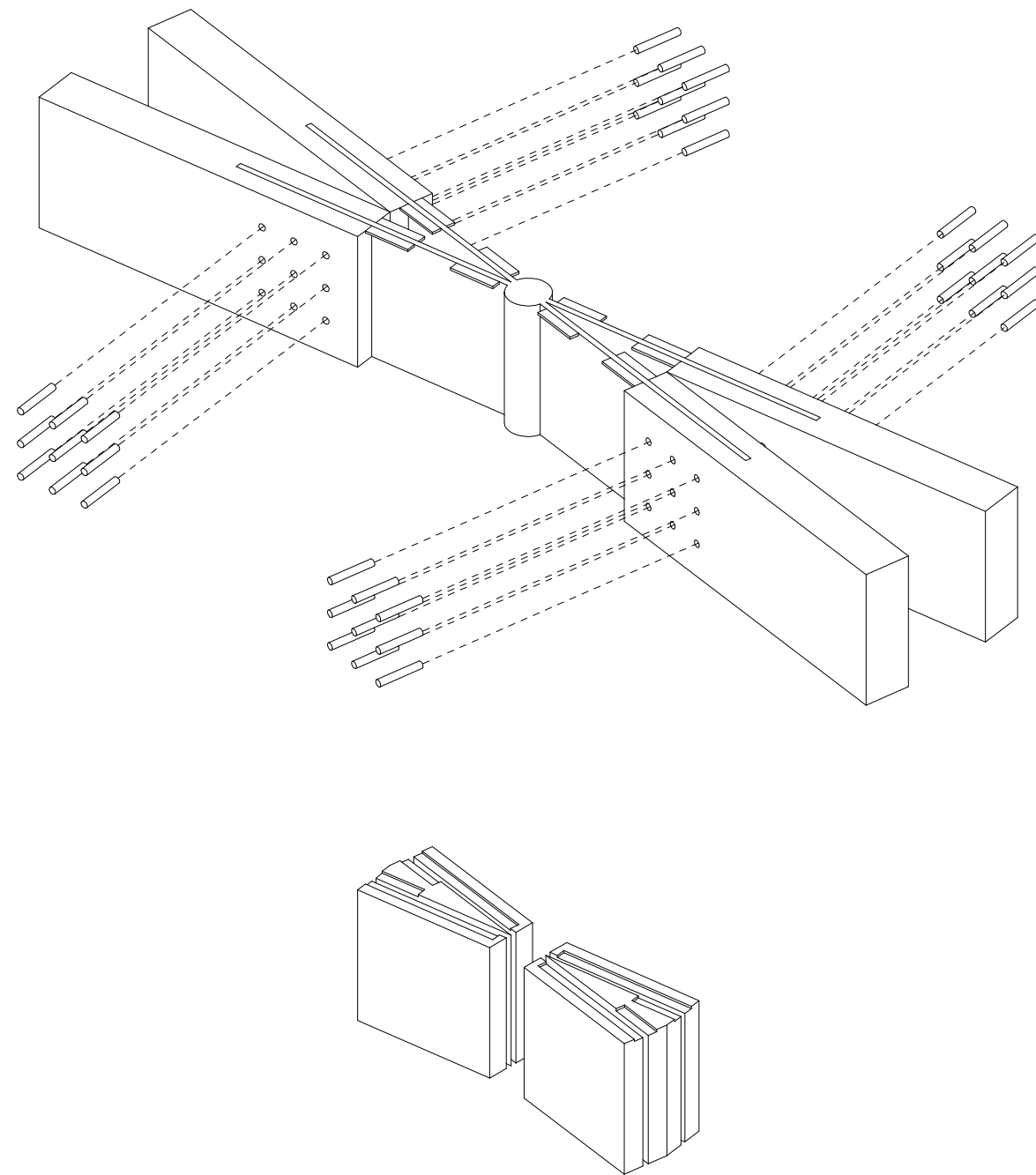
**PUBLIC ROOM CLIMATE DIAGRAM**  
Winter Heating





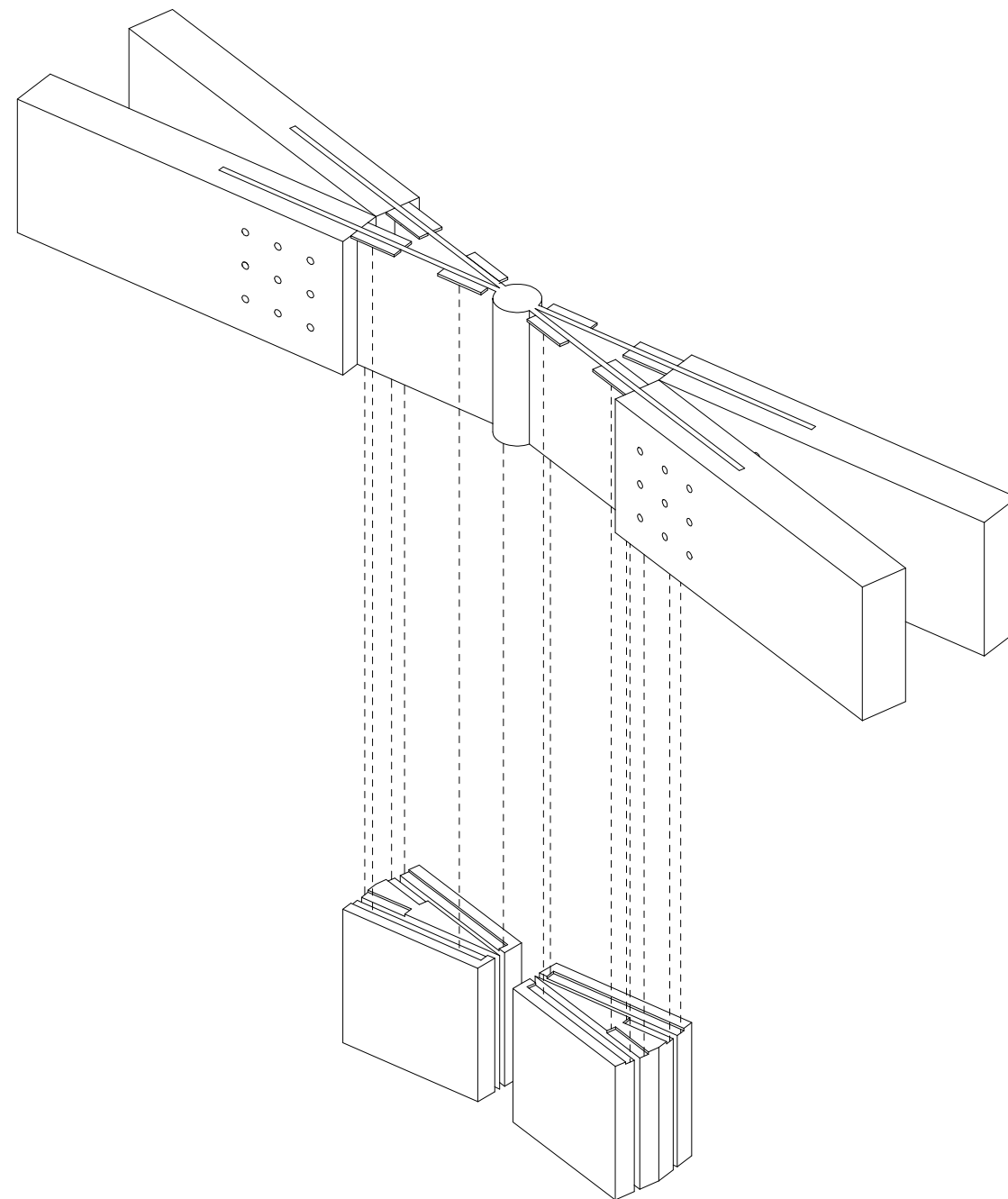


**PUBLIC HALL PRIMARY STRUCTURE ROOF CONNECTION**

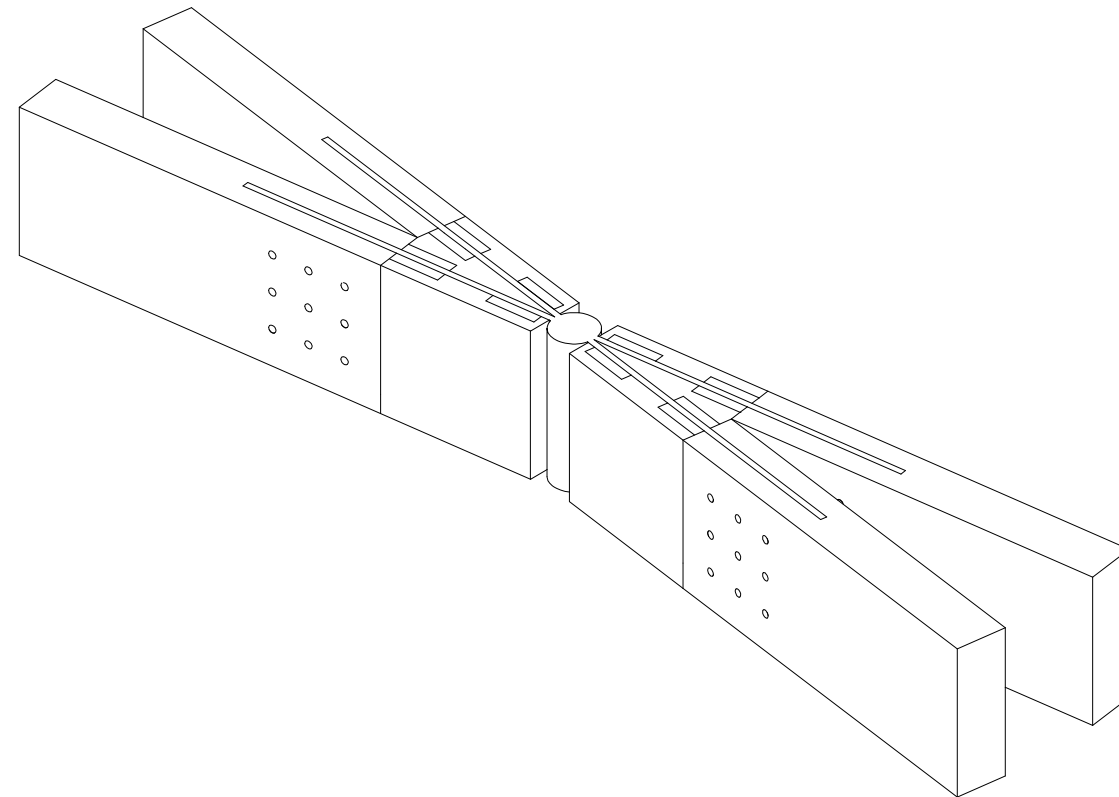


**PUBLIC HALL PRIMARY STRUCTURE ROOF CONNECTION**





**PUBLIC HALL PRIMARY STRUCTURE ROOF CONNECTION**



**PUBLIC HALL PRIMARY STRUCTURE ROOF CONNECTION**



