

# **Rotunda Hotel**

A Hotel for Sharing and Connecting

ZHANG Haobo

5030242

I. Issues

II. Notions

III. Design

# I. Issues

Donut Economy, the Need of Cultural Education

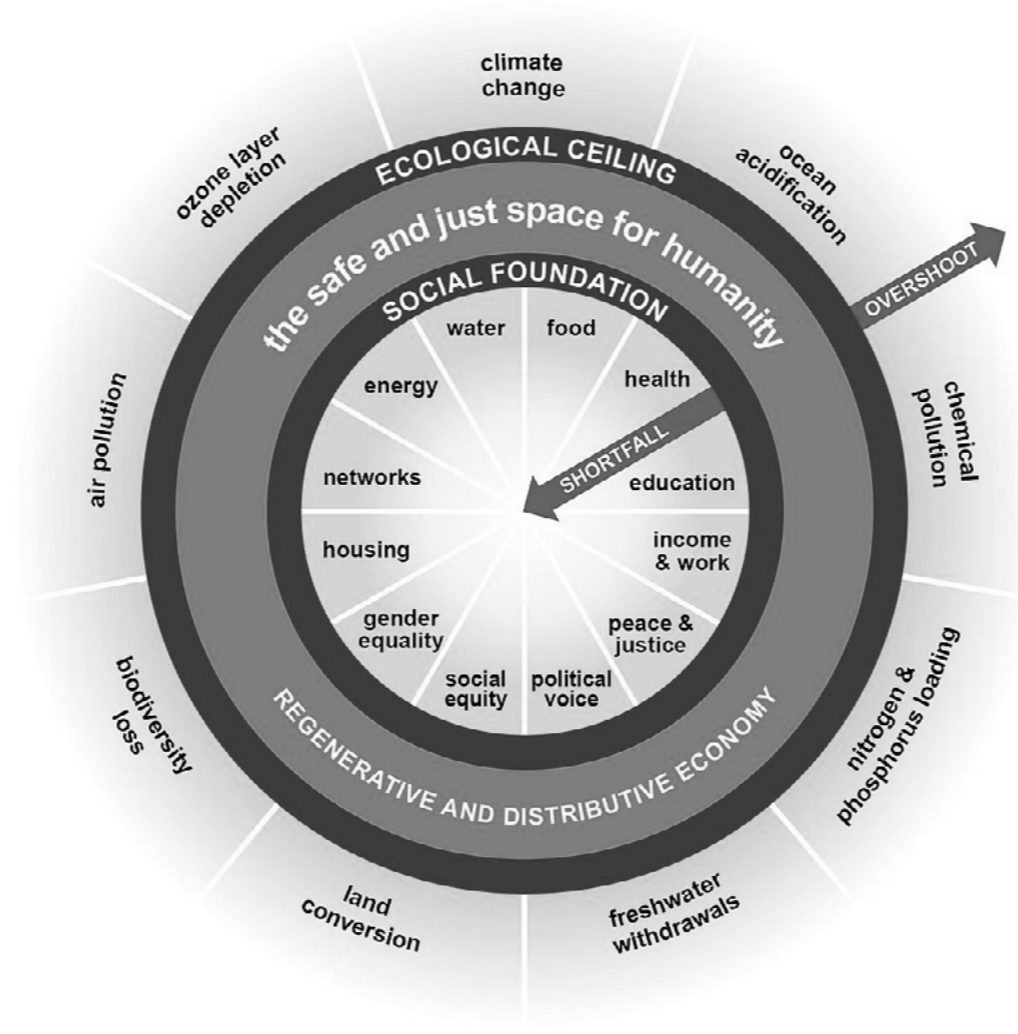
UvA's Enclosed Faculties



*Conflict between Locals and Tourists  
Removal of 'I amsterdam' sign*

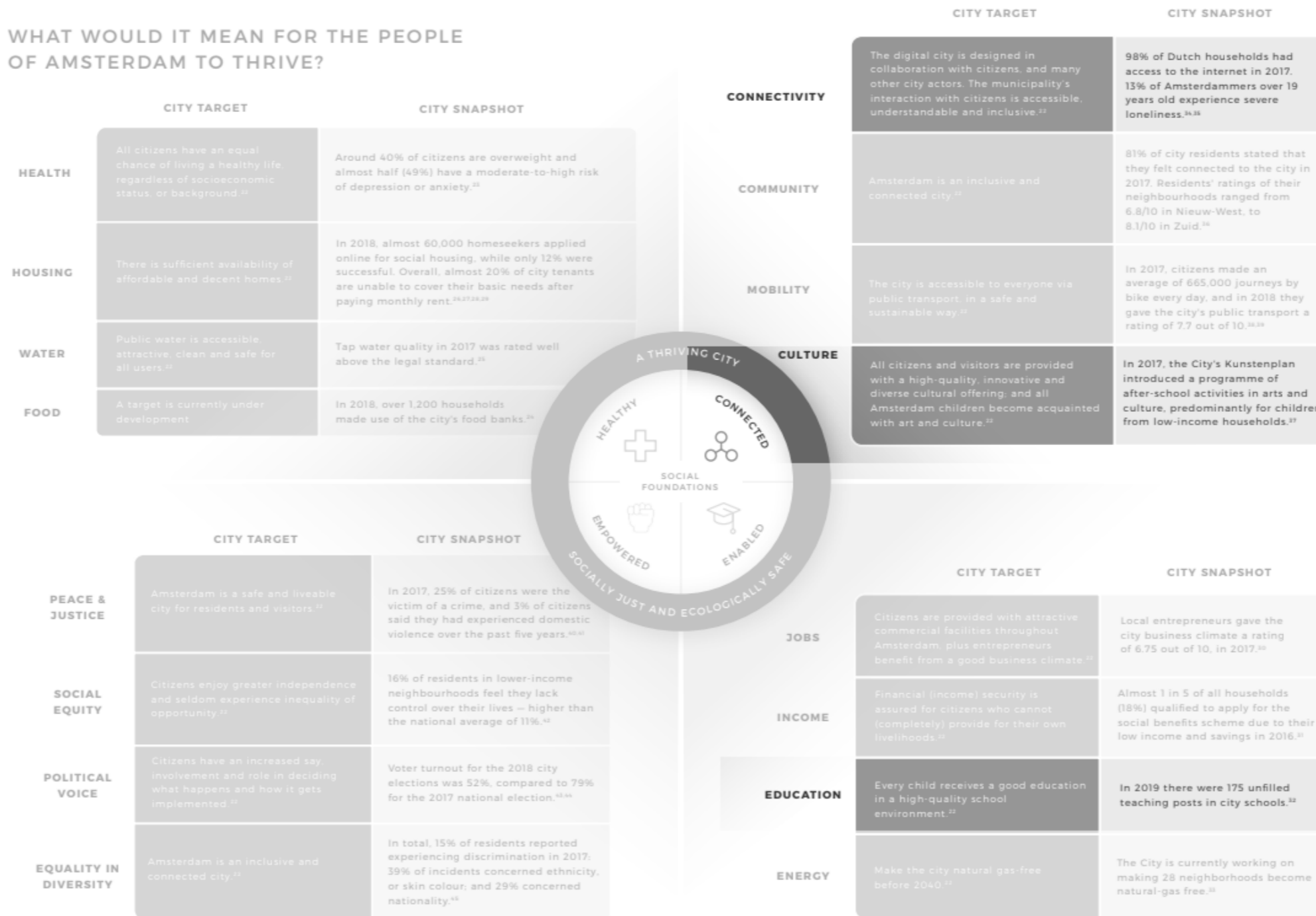


*Overdependence on Tourism  
Massive Impact on the Economy by the Pandemic*

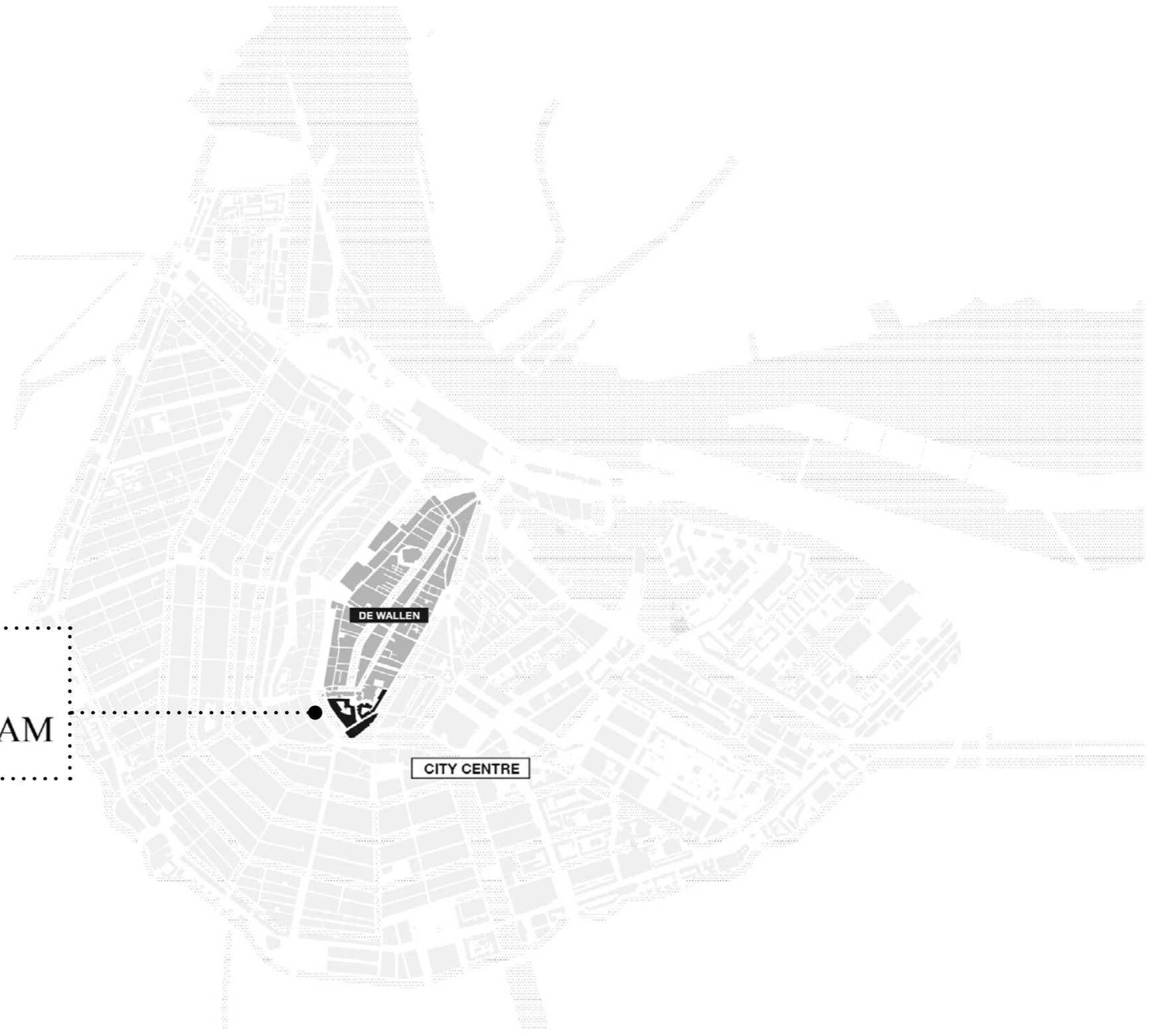


*Kate Raworth, Doughnut Economics:*

## WHAT WOULD IT MEAN FOR THE PEOPLE OF AMSTERDAM TO THRIVE?

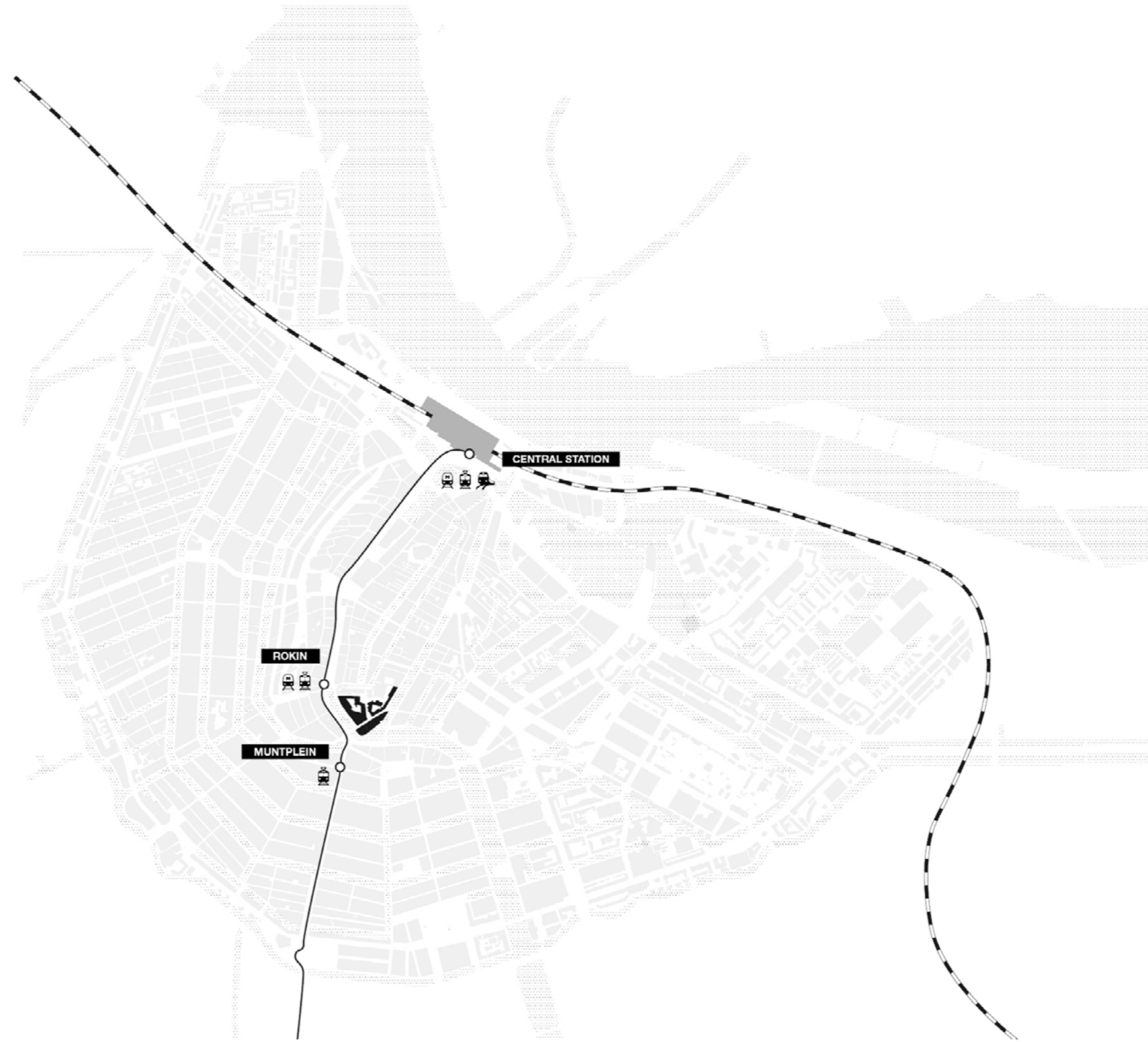


## The City Portrait of Amsterdam

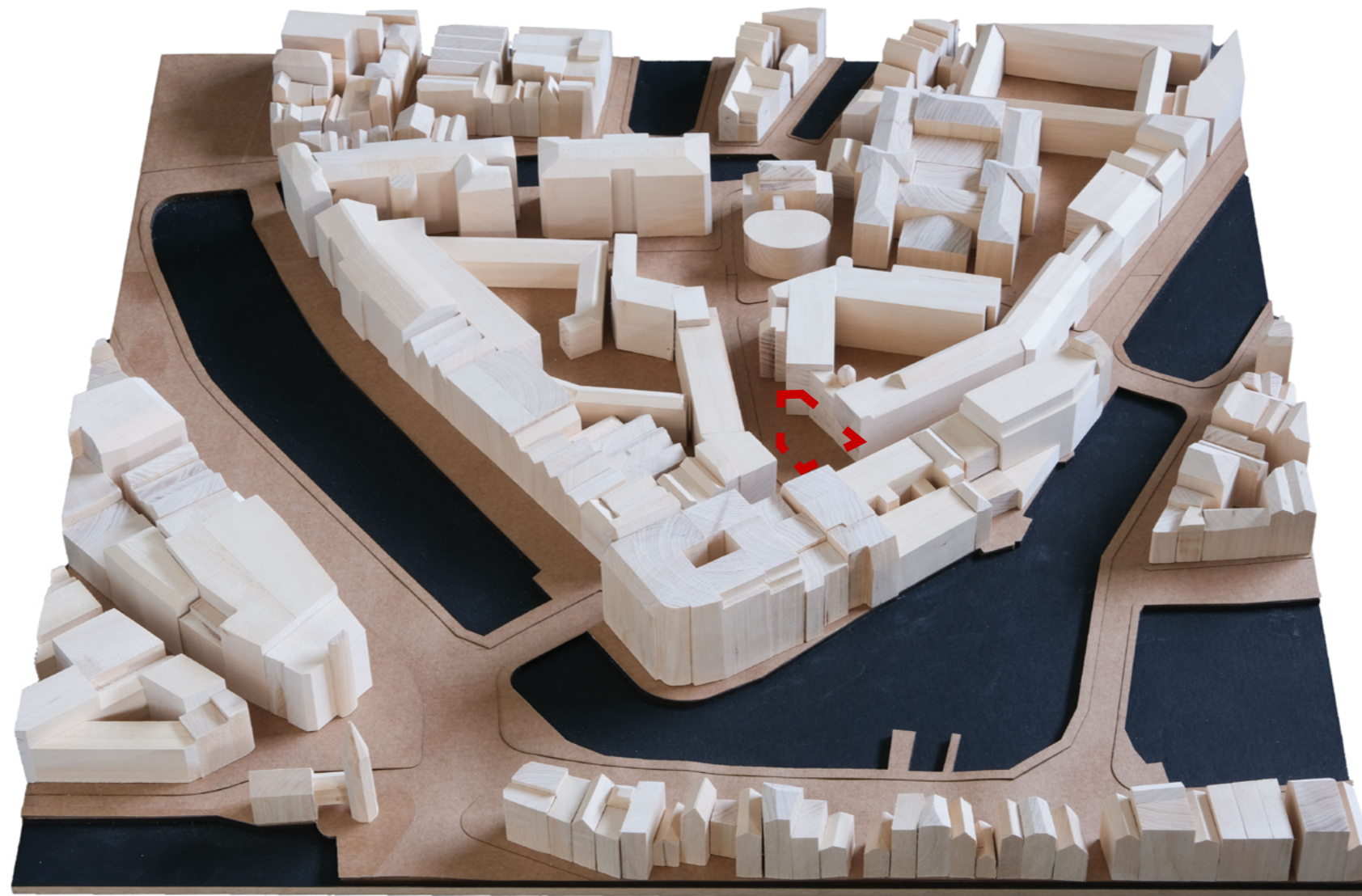


*The most famous institute in Amsterdam*



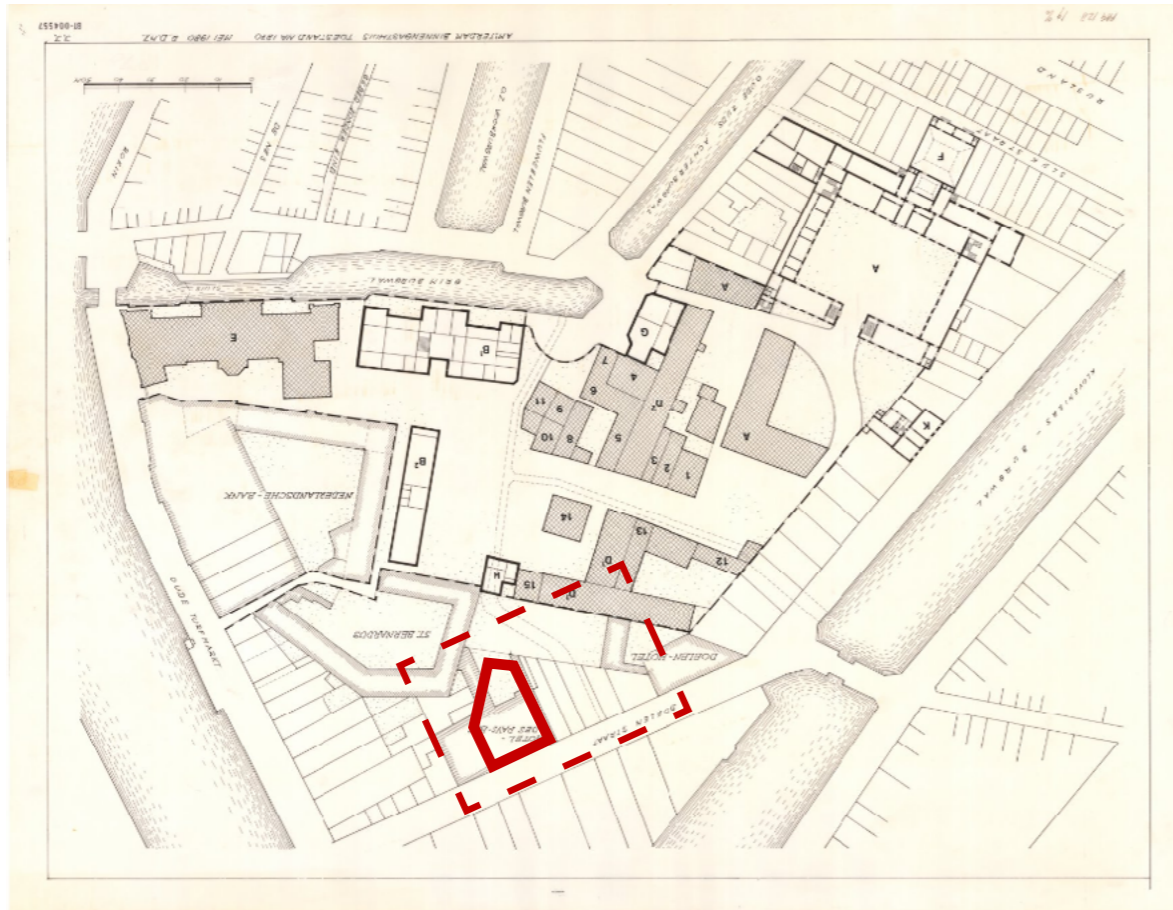


*Access to the site*

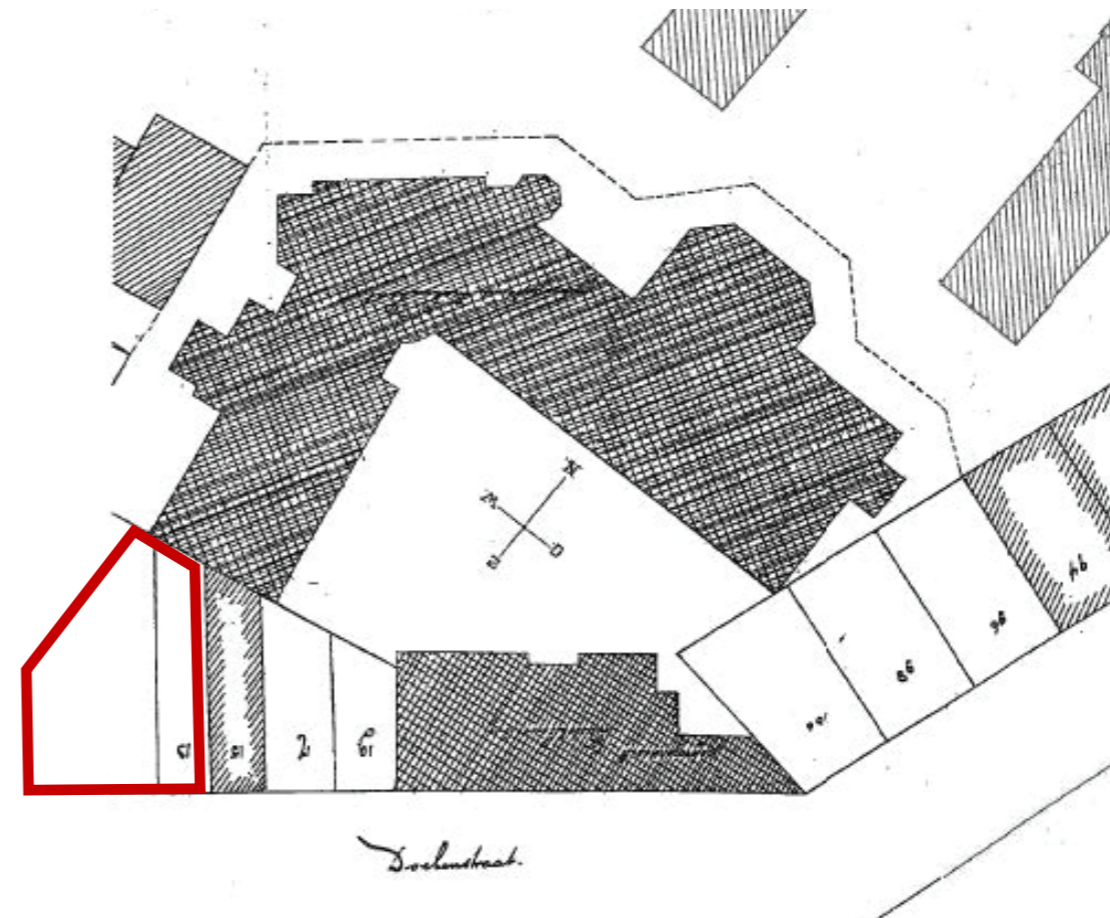


*1:500 site model*





*The site in 1870*



*Tweede Chirurgische Kliniek, 1897*



*Hotel des Pays Bas*



*The demolition of Hotel des Pays Bas*



*The intersection of Nieuwe Doelenstraat and Binnengasthuisstraat*



*Graffiti of Herman Brood and Rembrandt van Rijn  
A street with cultural atmosphere*



*University Theatre  
Isolated from the city*



*A hotel for sharing education*  
*A hotel to connect its residents with the city*

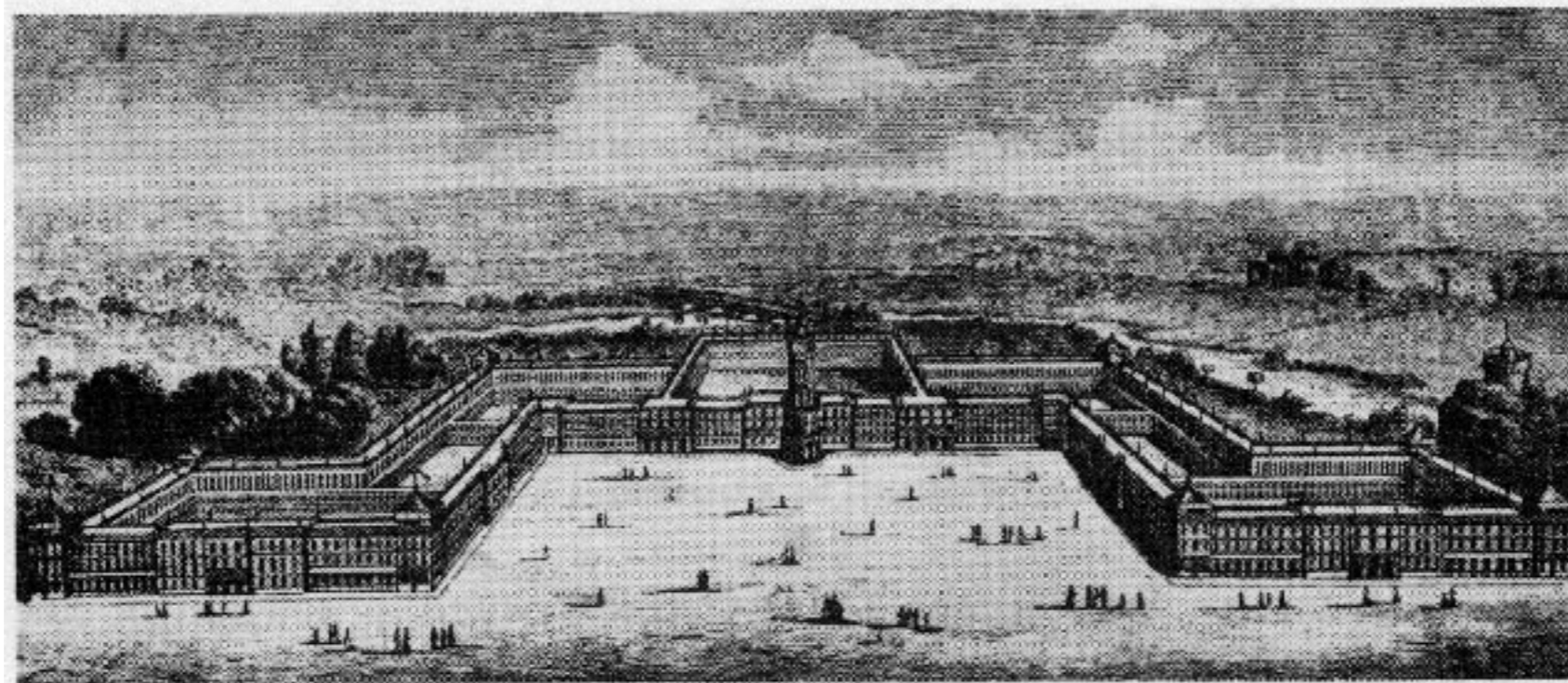
## II. Notions

Chelsea Hotel  
Hôtel Particulier



*Chelsea Hotel*

*the home of writers, musicians, artists and actors*



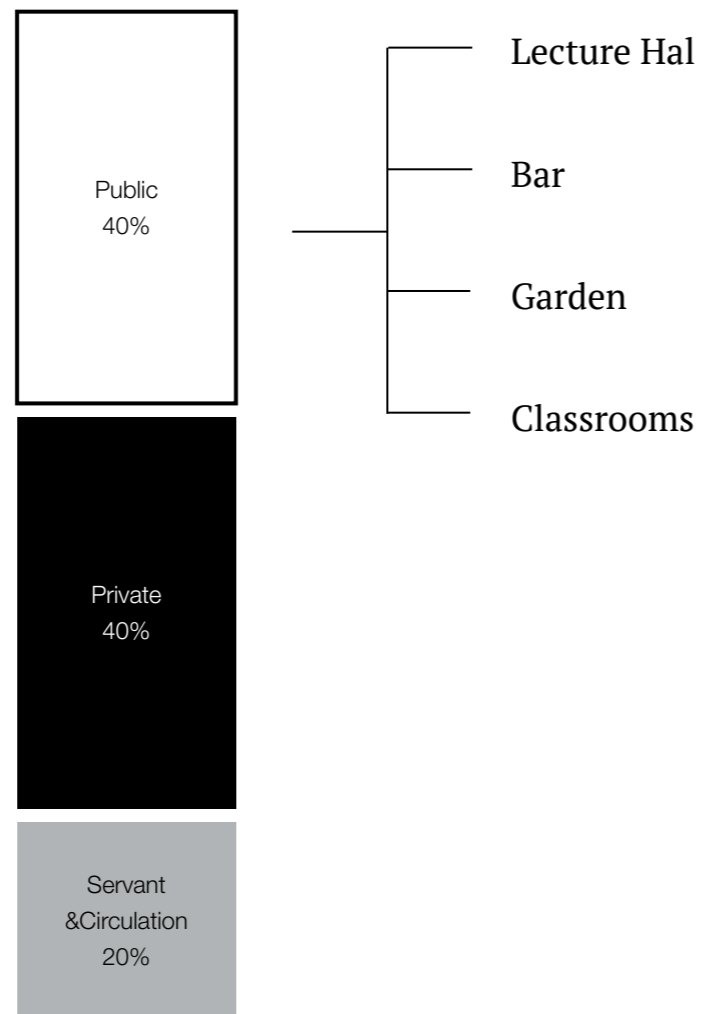
A drawing of a phalanstery contemplated by Charles Fourier.

*Fourier's 'grand hotel' concept  
also known as a "phalanstery"*



*Patti Smith, Rock Star, Chelsea Hotel resident.*

# Program

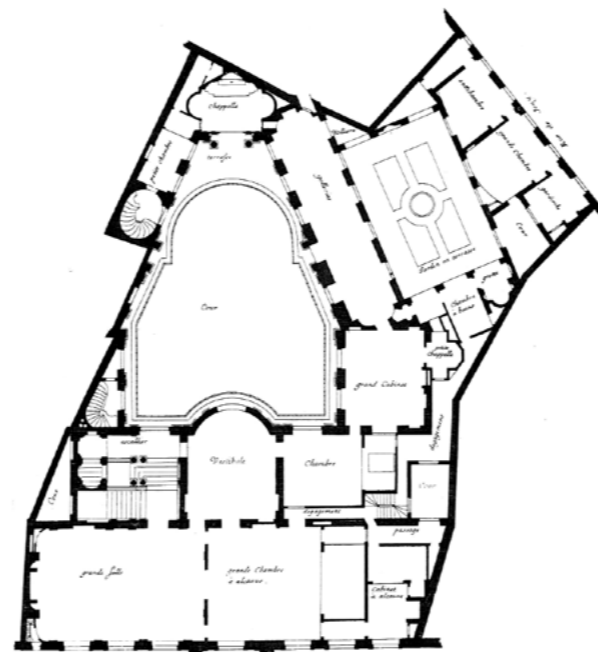


# Target People

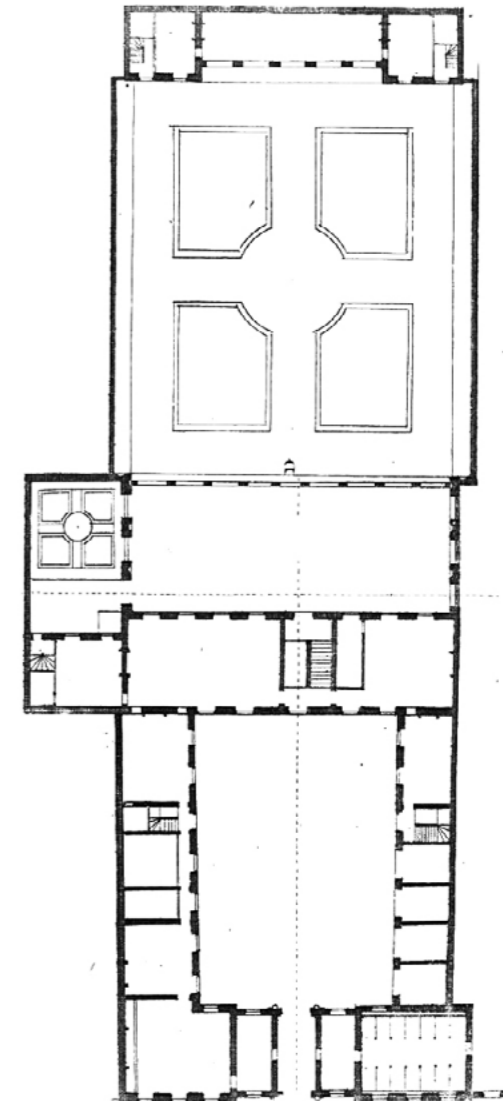
Exchange Scholars  
International Students  
Invited Artists



(a)



(b)



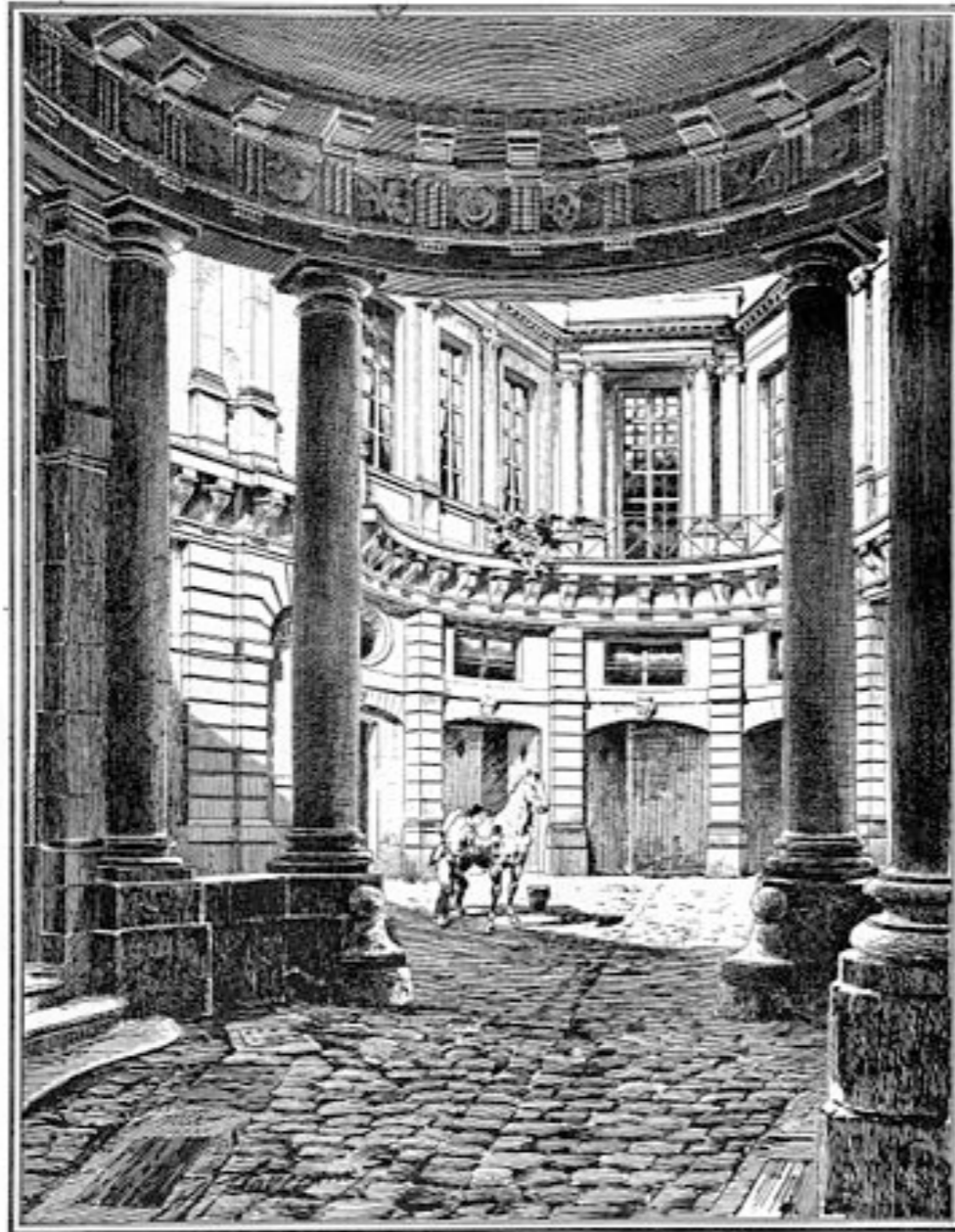
(c)

*Typical Plan of Hotel Particulier*

*(a) Hôtel de Sens; (b) Hôtel de Beauvais; (c) Hôtel de Sully*





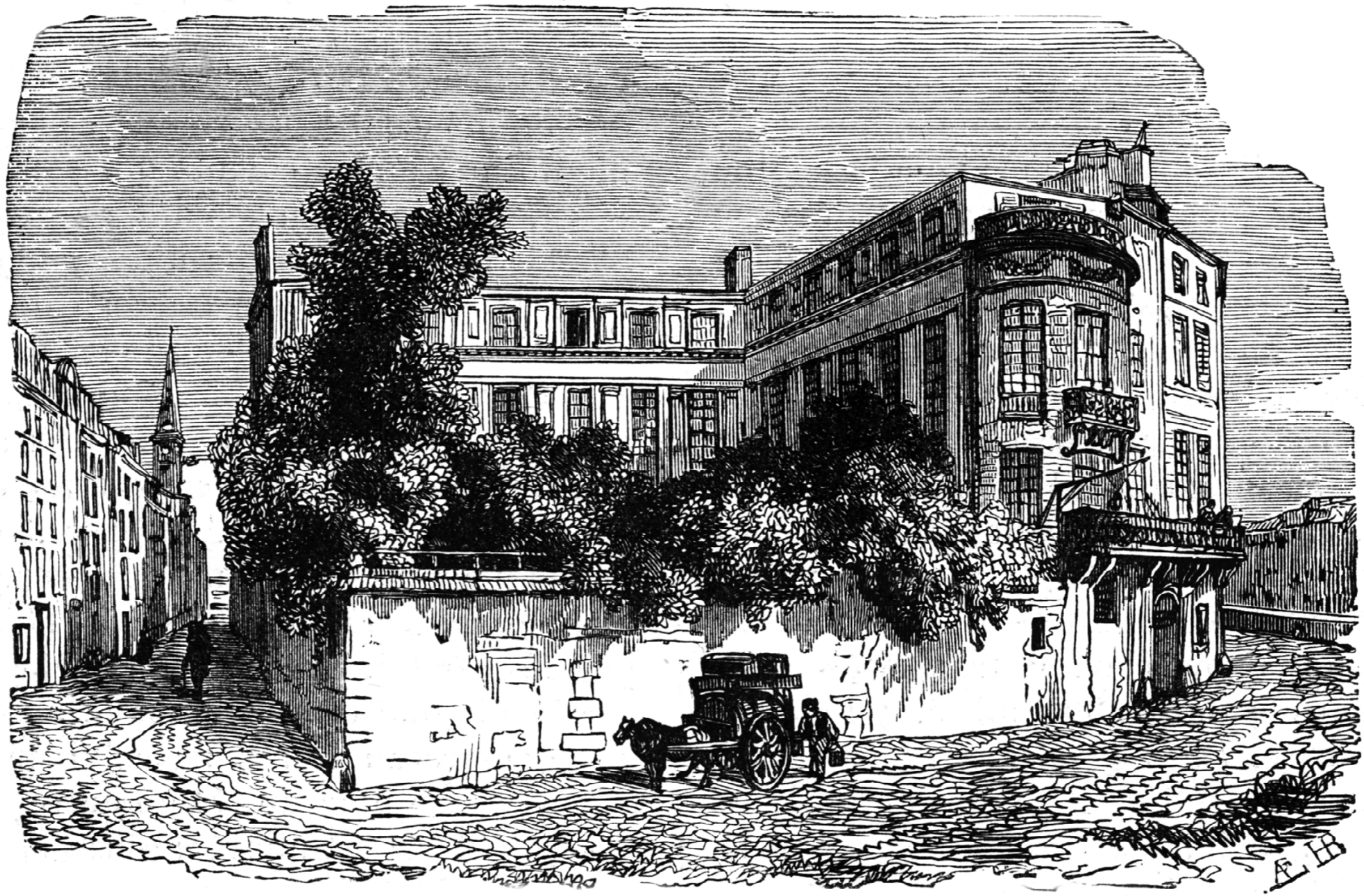


58. Hôtel de Beauvais. Vestibule and court. Reconstruction by M. Du Seigneur.  
From *La construction moderne*, 1886

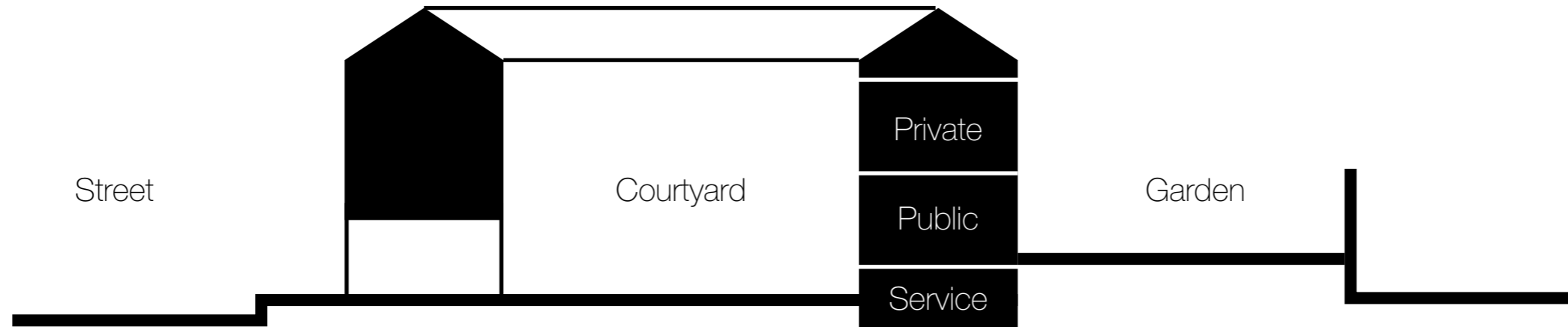


### *Hôtel de Beauvais*

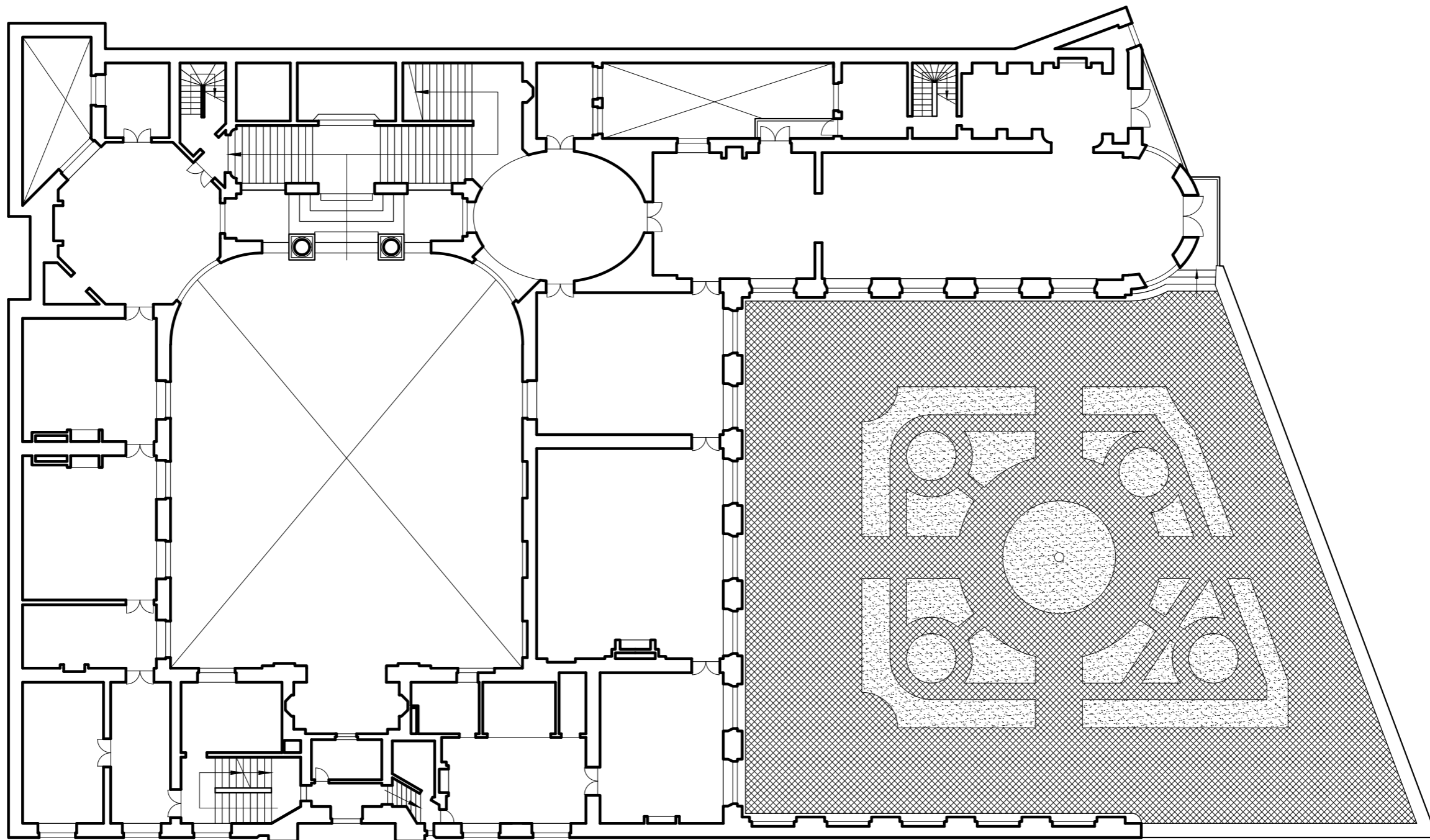
*Used to be a 'palace' for nobles, and occupied by citizens now*



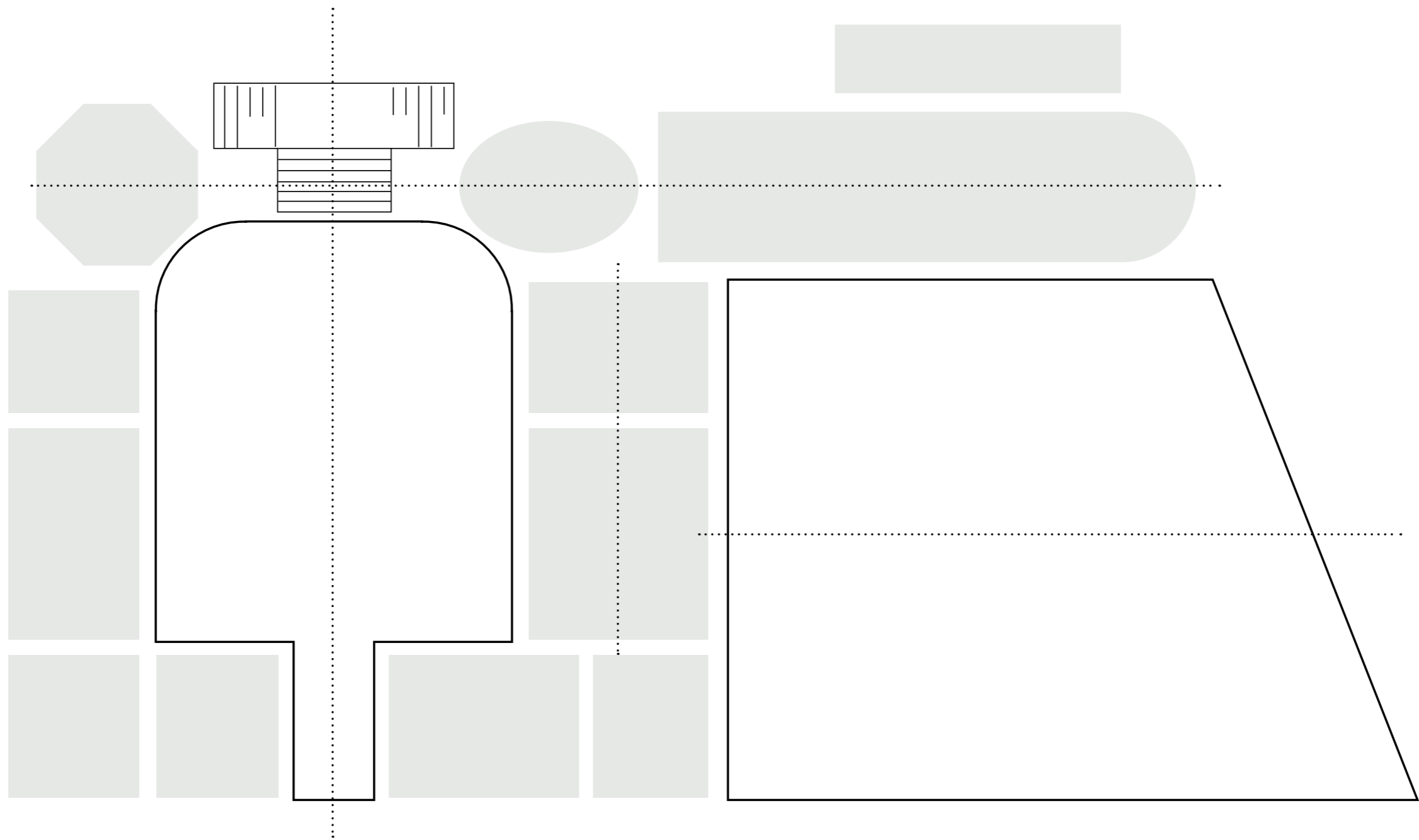
*Hôtel Lambert*



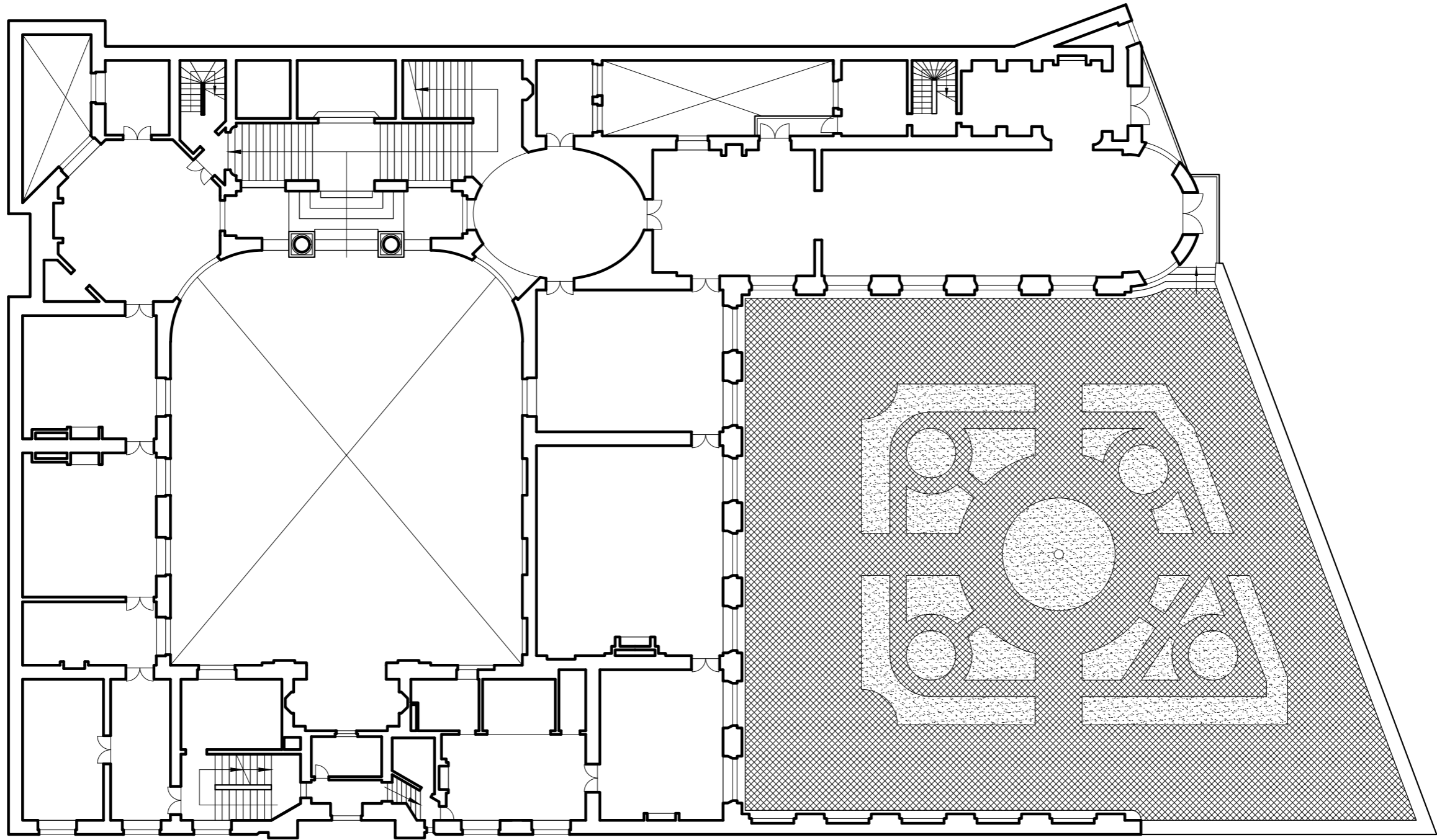
*Spatial sequence forms a gradation of privacy*



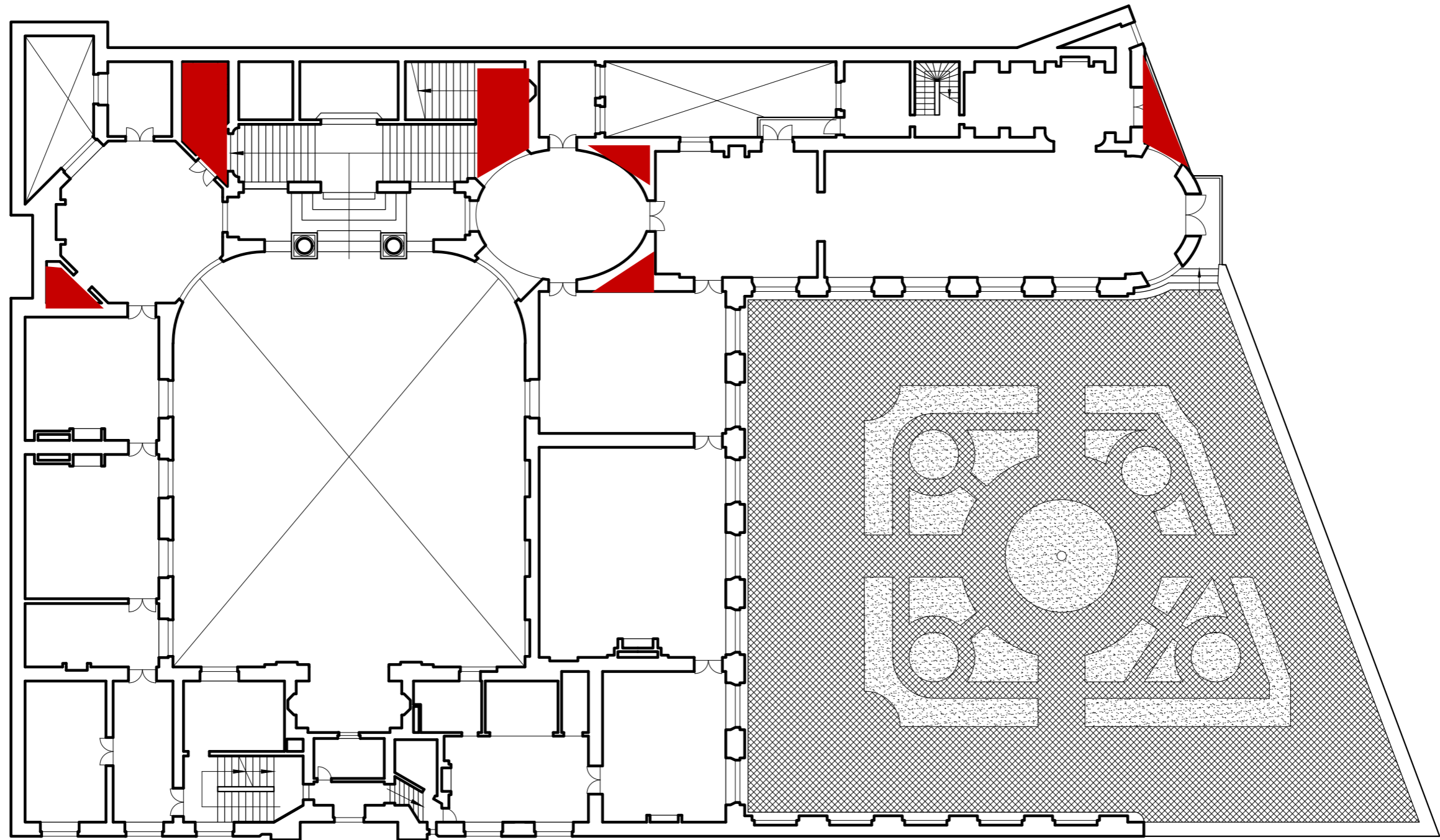
*First Floor Plan*



*Symmetry and Centrality*



*First Floor Plan*



*Poche spaces help to form the main spaces*

# III. Design

Reshape the Urban Context

Facade as Figure

Vertical Fold of Spatial Sequence

Wall as the Main Role

Shell and Lining

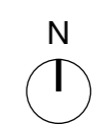
Temperature, Ventilation and Energy

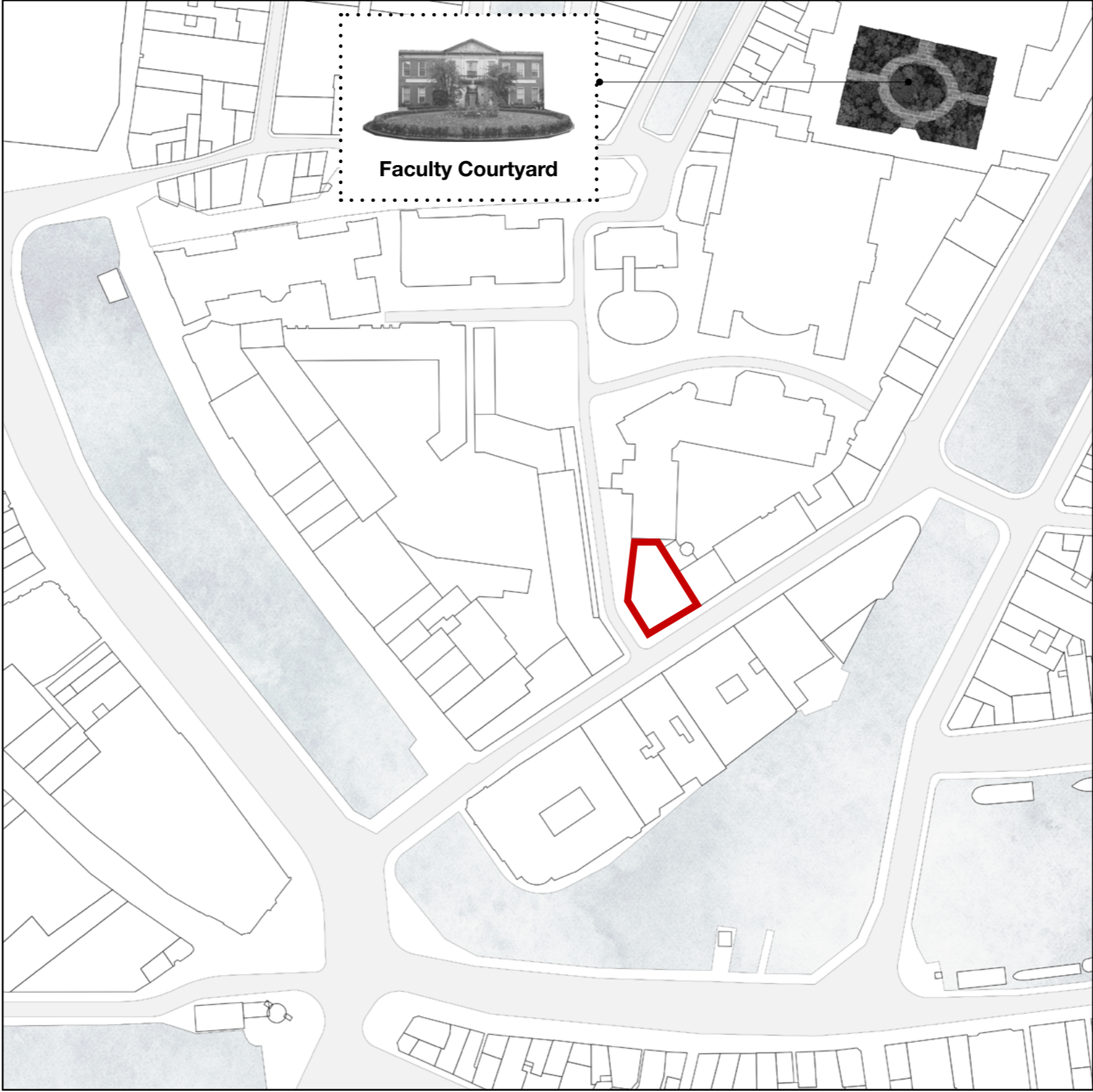
Room with Centrality

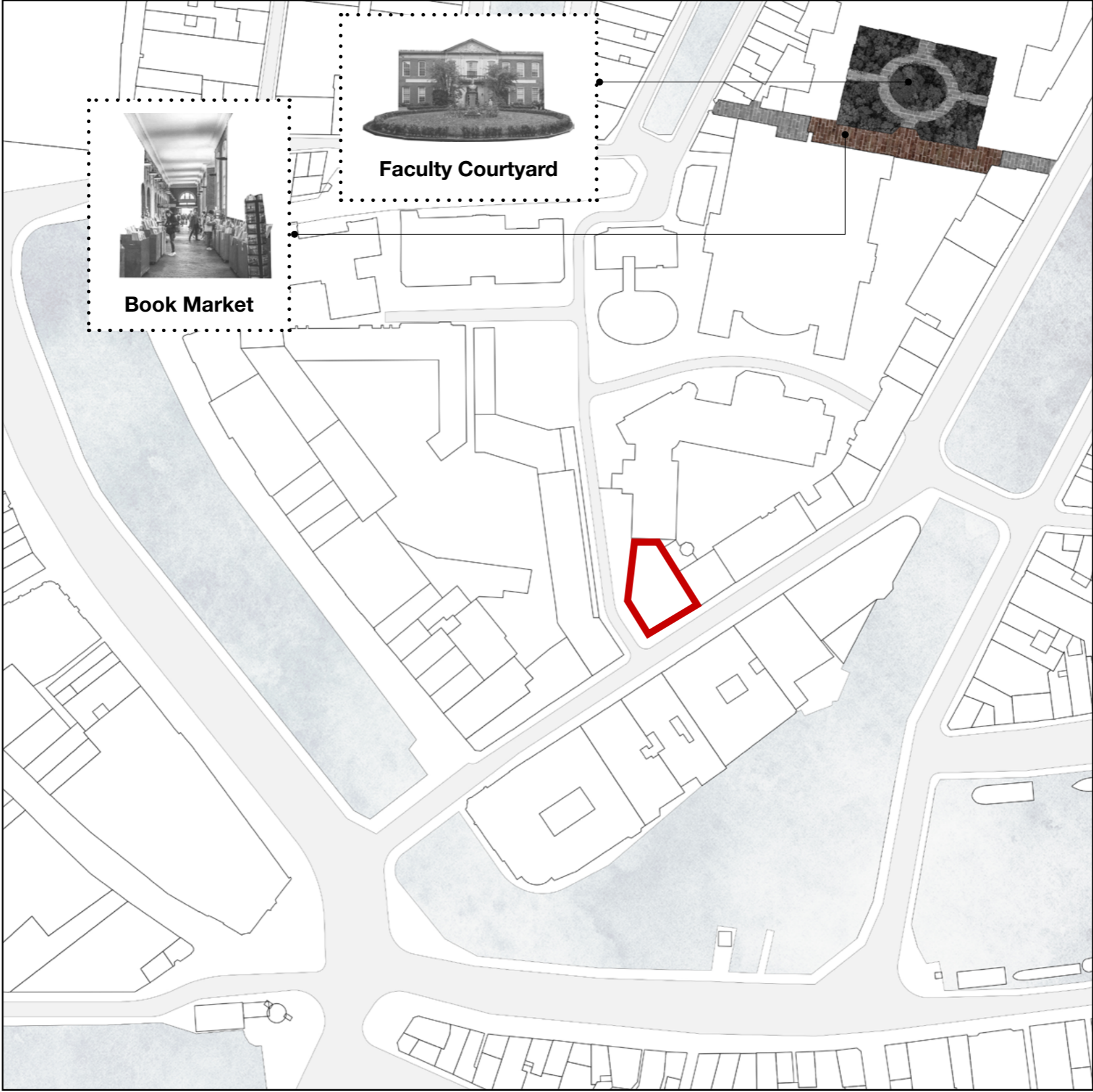




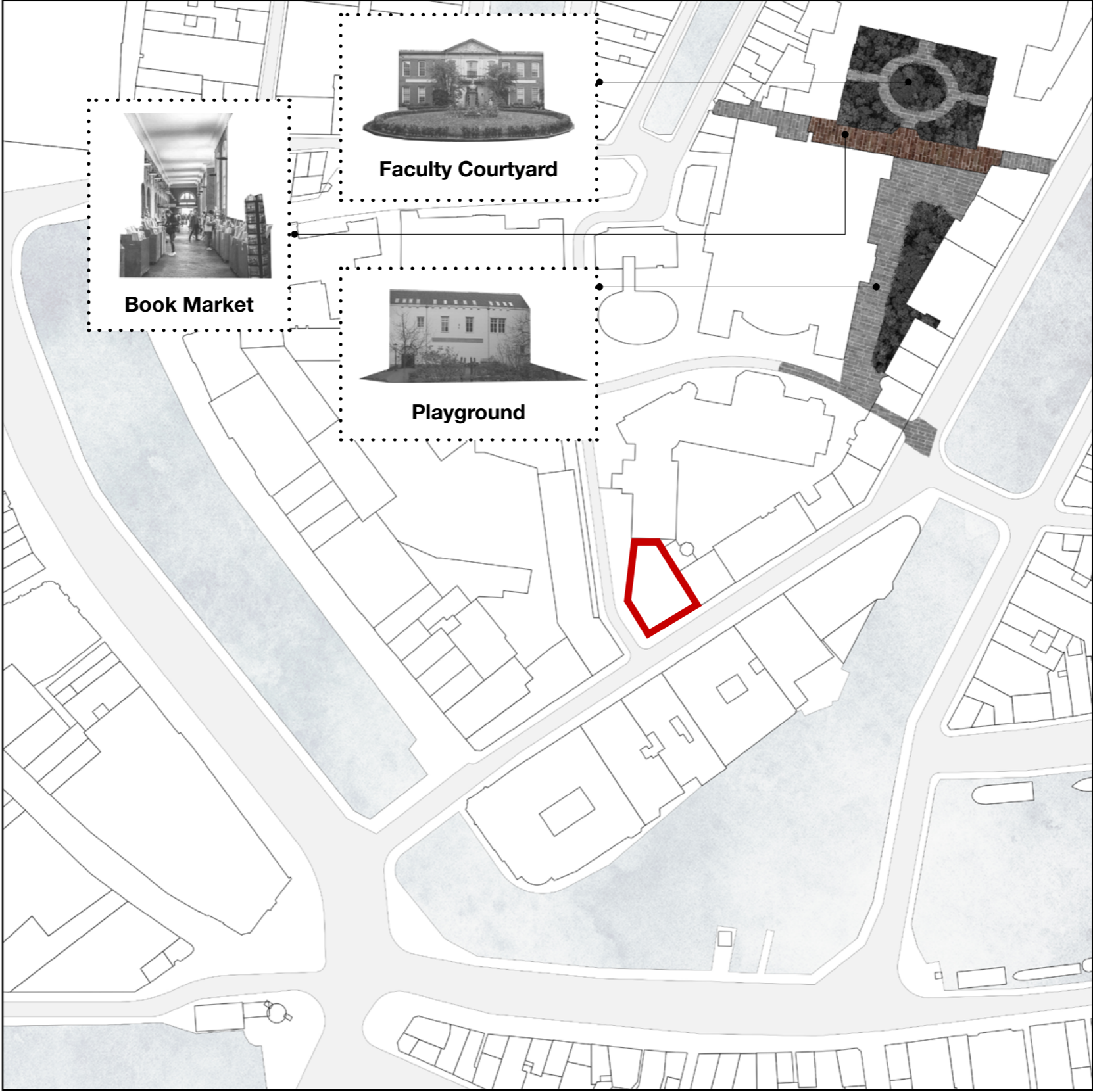
# *Reshape the Urban Context*

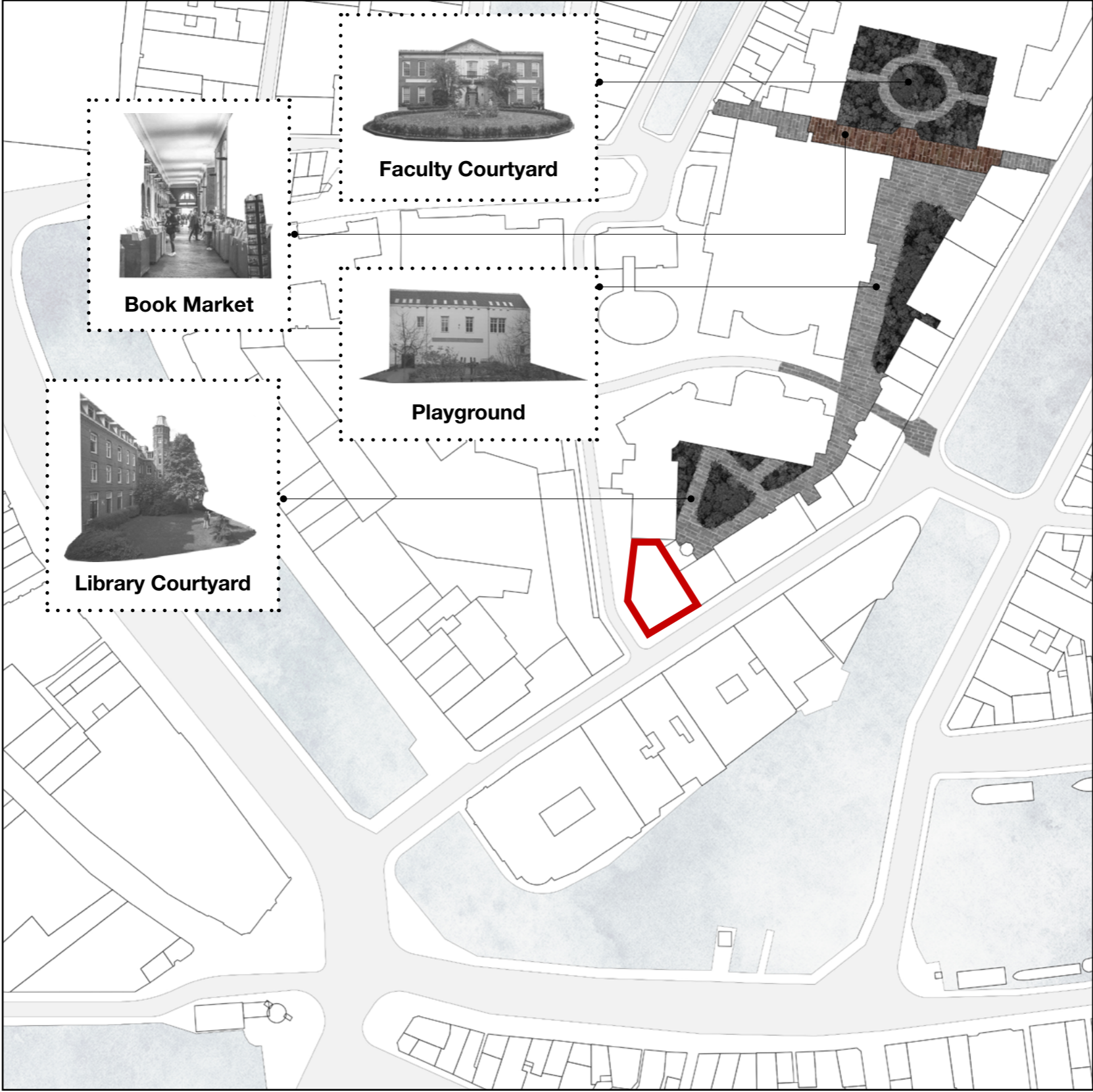




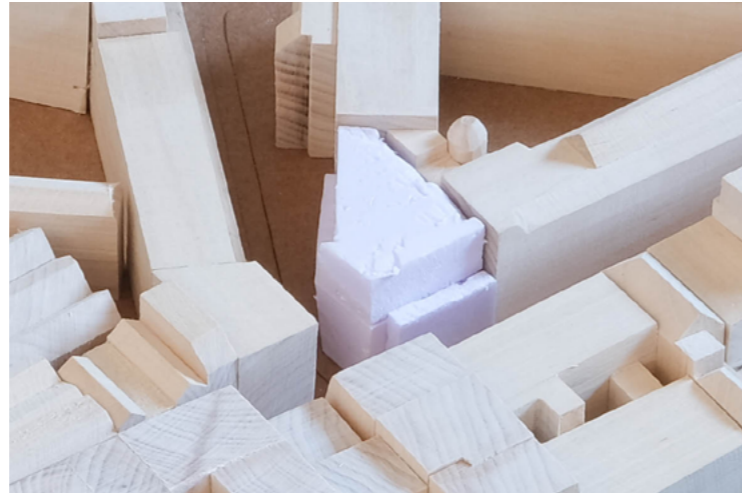








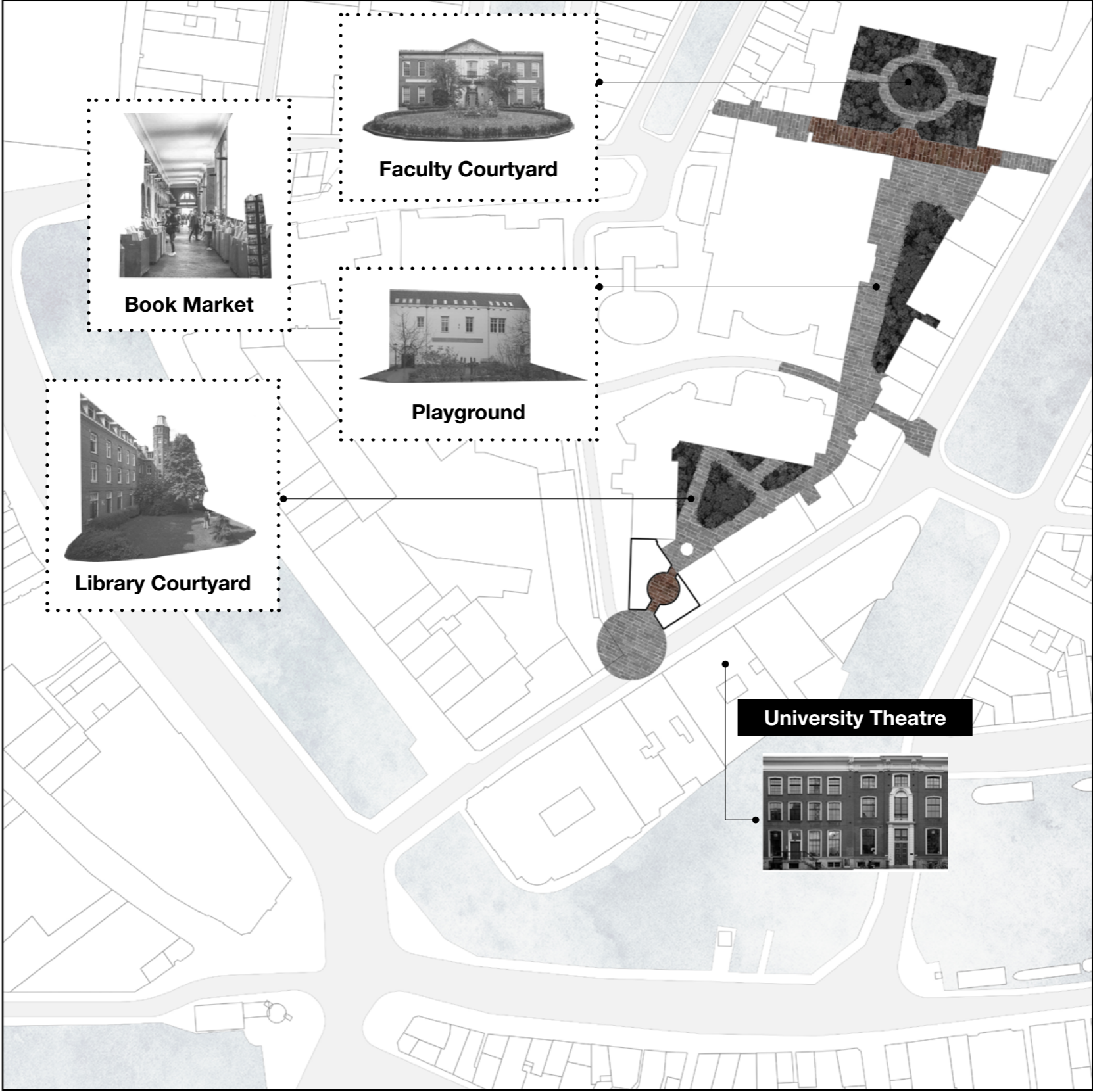




*Massing Study*







**Book Market**



**Faculty Courtyard**



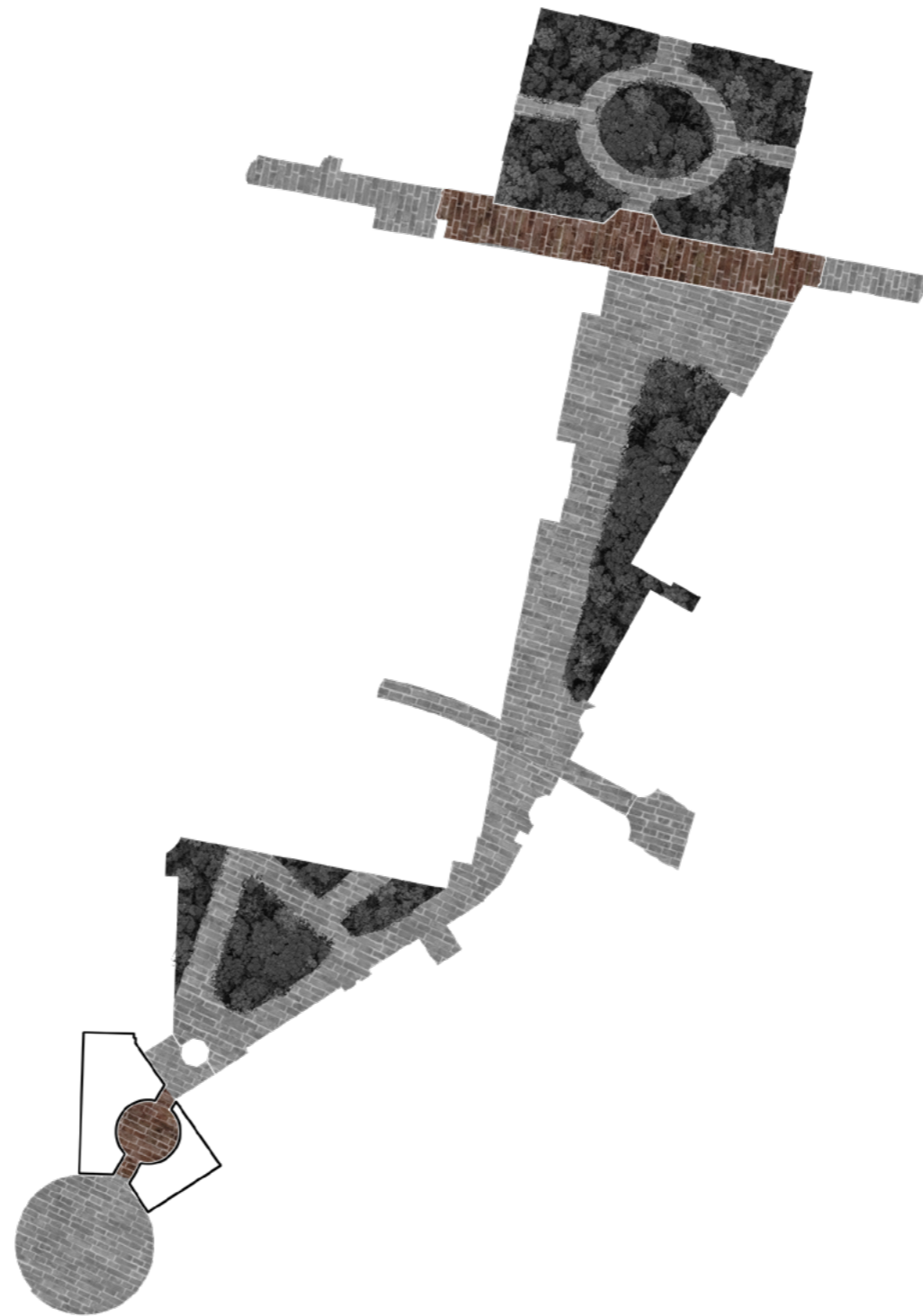
**Playground**



**Library Courtyard**

**University Theatre**





## *Facade as Figure*

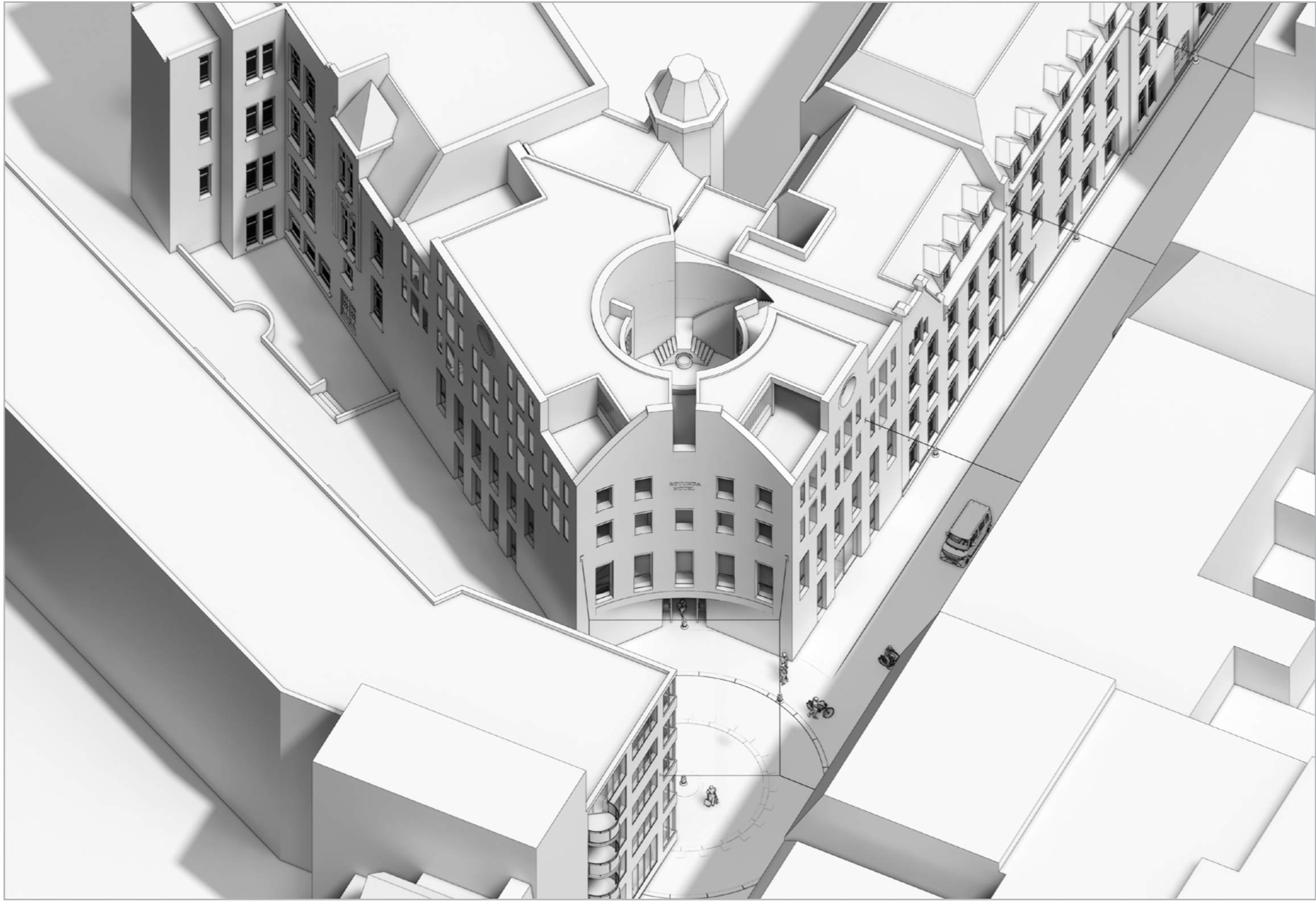


*Forum Museumsinsel  
David Chipperfield*



*Peek & Cloppenburg Flagship Store  
David Chipperfield*

*Balance between Figure / Abstraction*







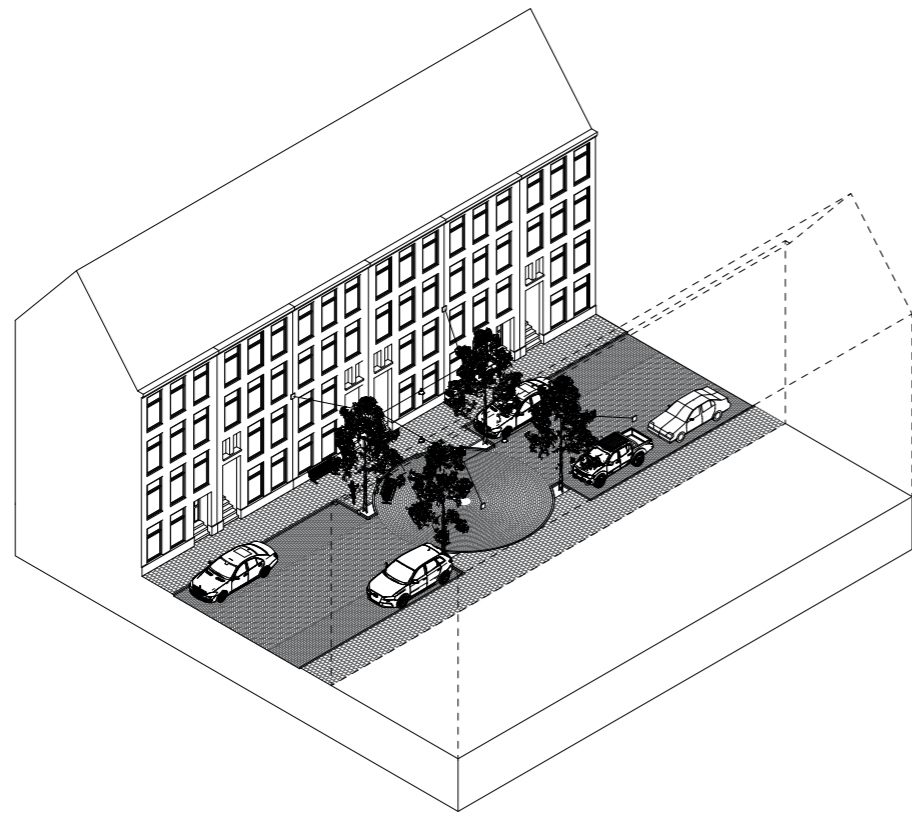
*Facade on Nieuwe Doelenstraat*



*Facade on Binnengastguisstraat*



*Facade in the middle*

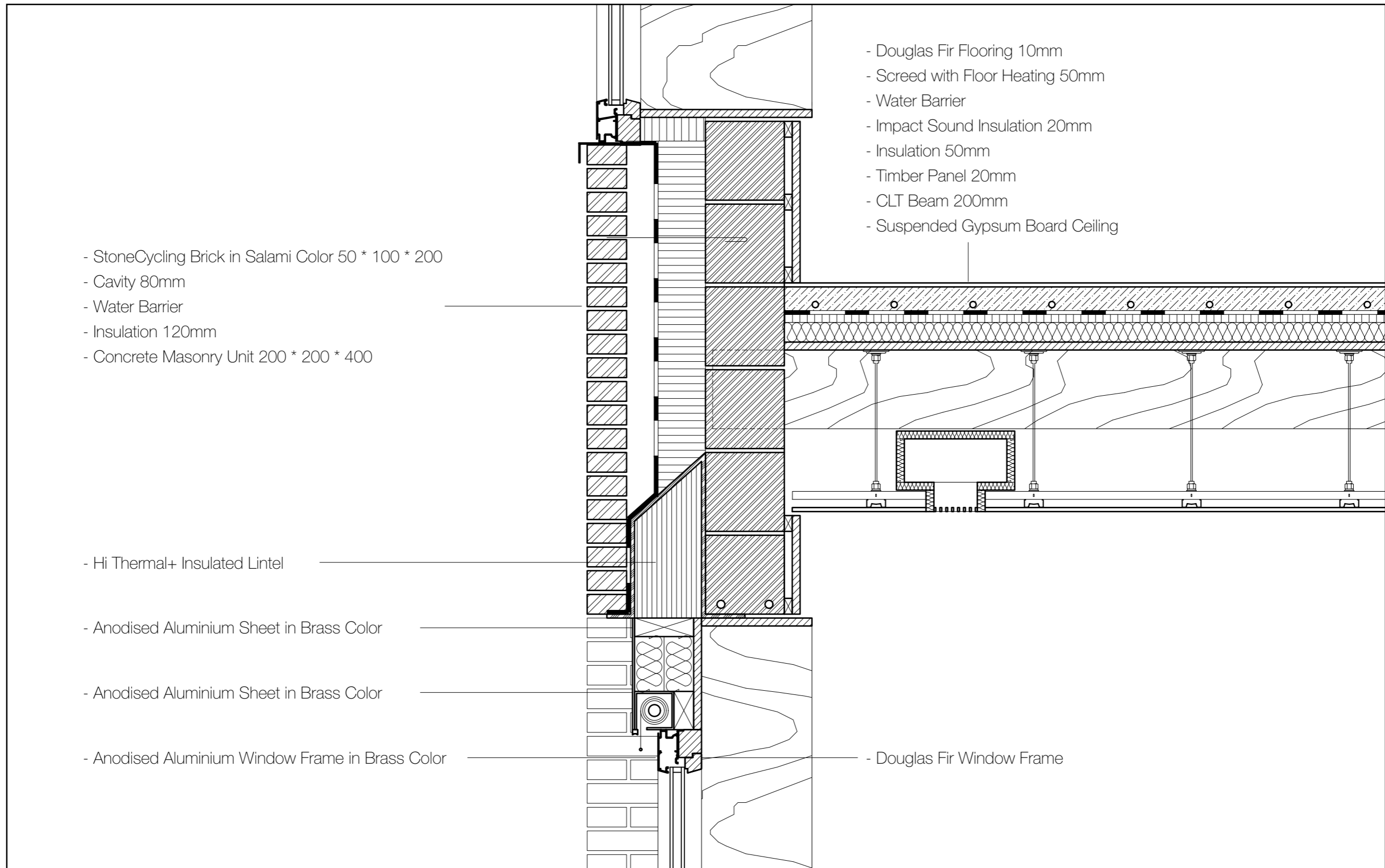


*P1 Design*









- StoneCycling Brick in Salami Color 50 \* 100 \* 200
- Cavity 80mm
- Water Barrier
- Insulation 120mm
- Concrete Masonry Unit 200 \* 200 \* 400

- Hi Thermal+ Insulated Lintel
- Anodised Aluminium Sheet in Brass Color
- Anodised Aluminium Sheet in Brass Color
- Anodised Aluminium Window Frame in Brass Color

- Douglas Fir Flooring 10mm
- Screed with Floor Heating 50mm
- Water Barrier
- Impact Sound Insulation 20mm
- Insulation 50mm
- Timber Panel 20mm
- CLT Beam 200mm
- Suspended Gypsum Board Ceiling

- Douglas Fir Window Frame

*Detail 1:10*

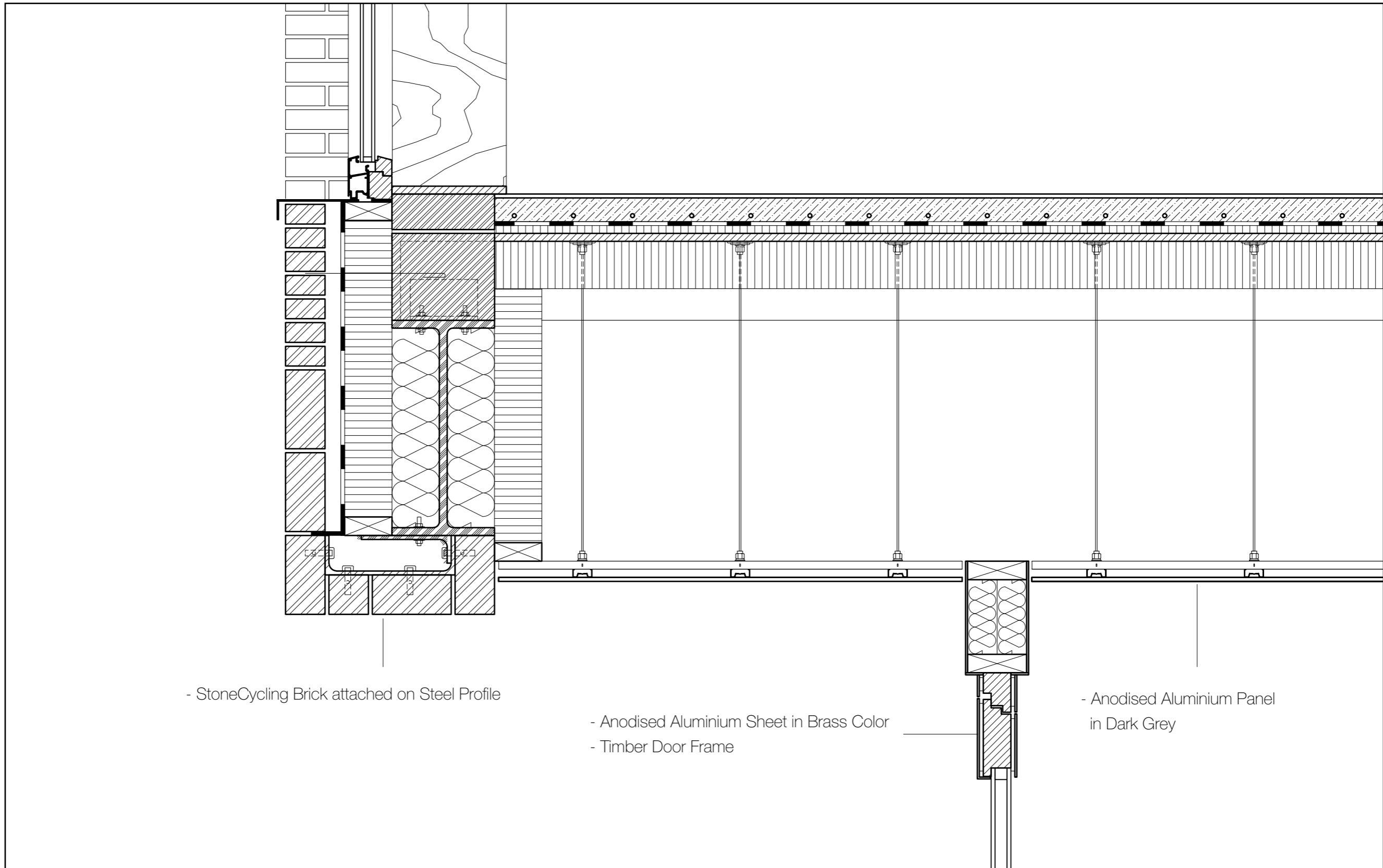




*Hi-Thermal+ Lintel*



*Faced as a skin*



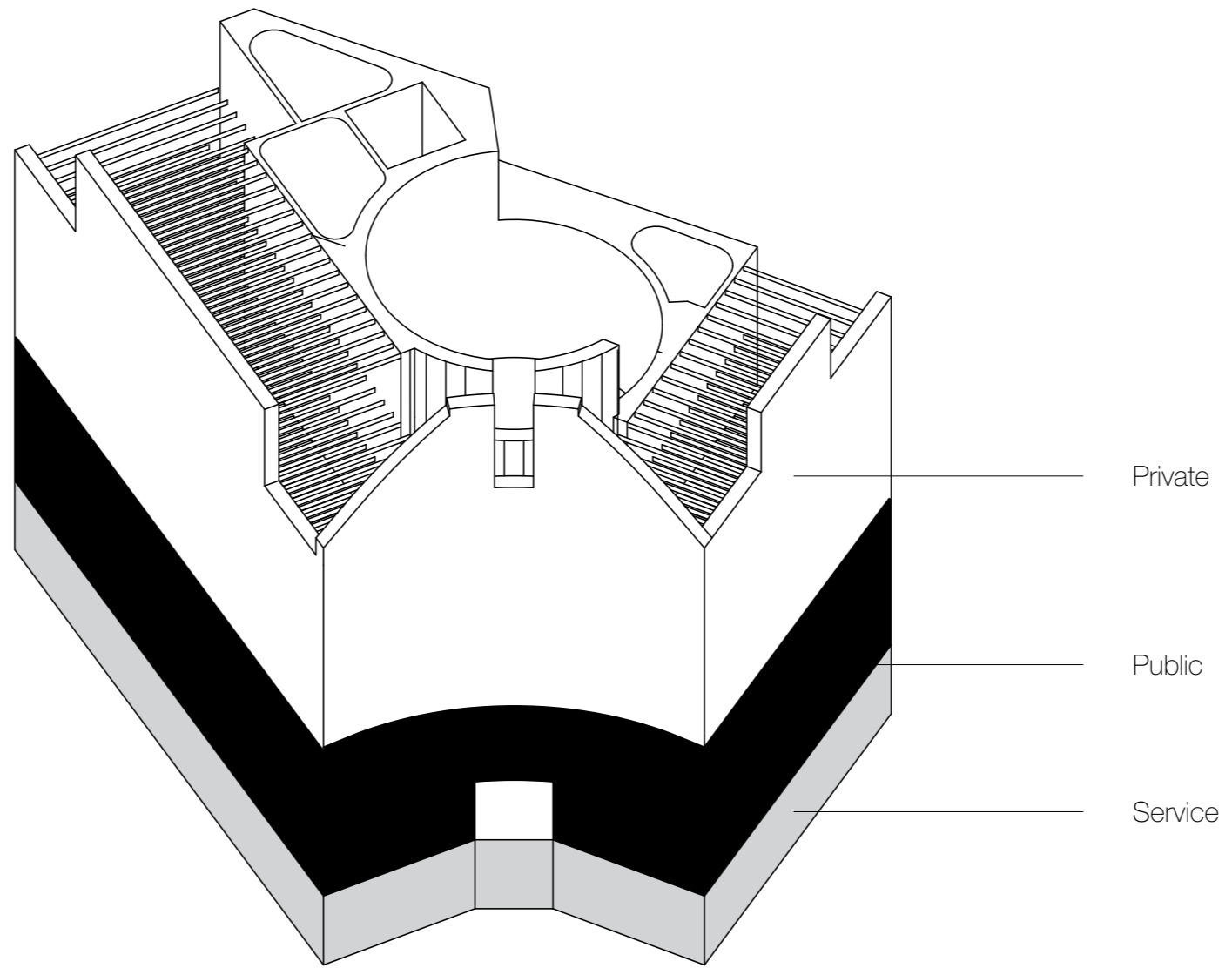
- StoneCycling Brick attached on Steel Profile

- Anodised Aluminium Sheet in Brass Color  
- Timber Door Frame

- Anodised Aluminium Panel  
in Dark Grey

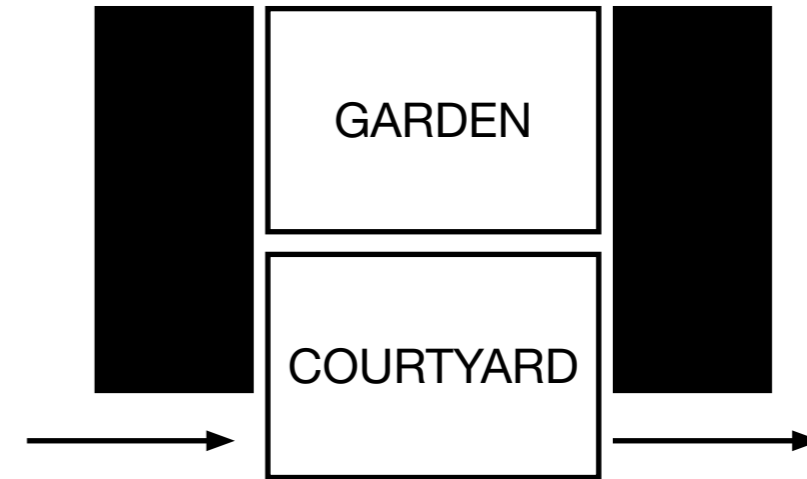
*Detail 1:10*

## *Vertical Fold of Spatial Sequence*

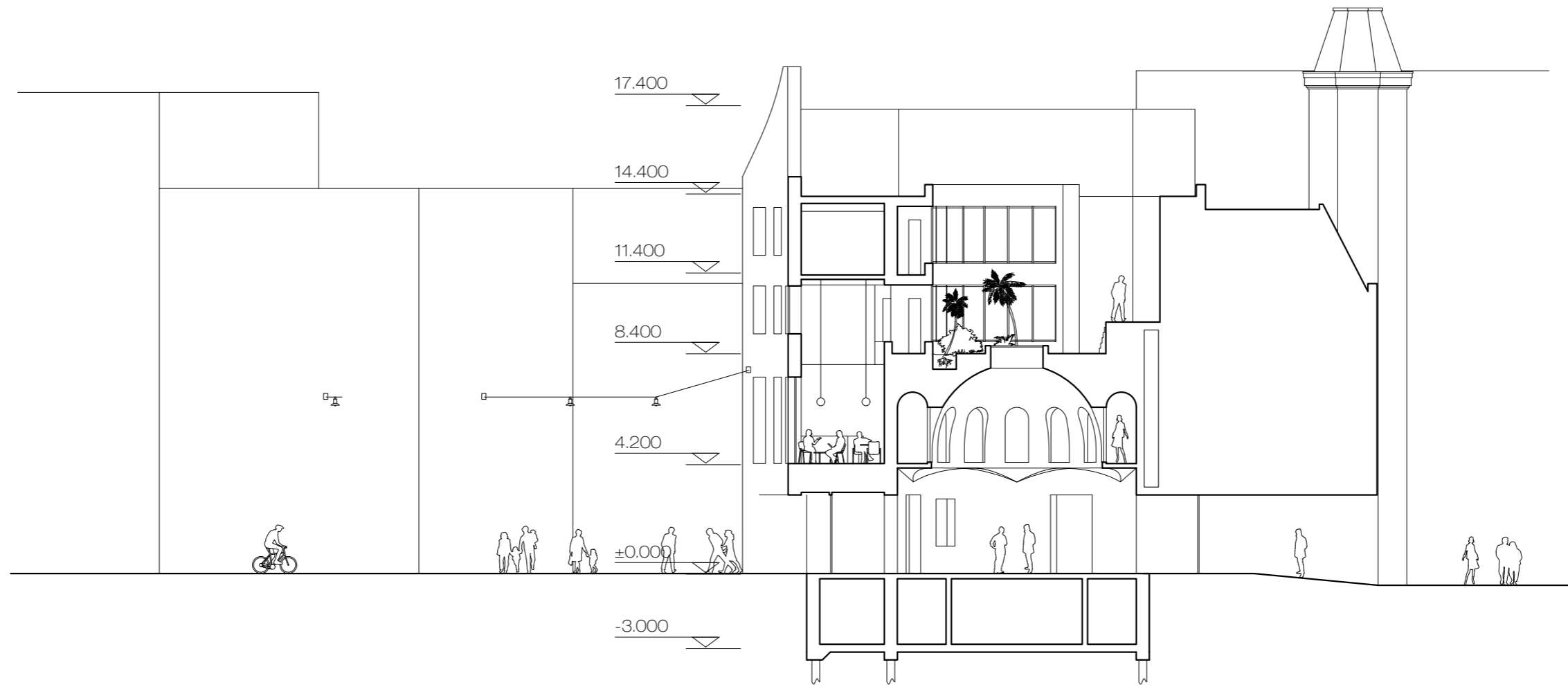




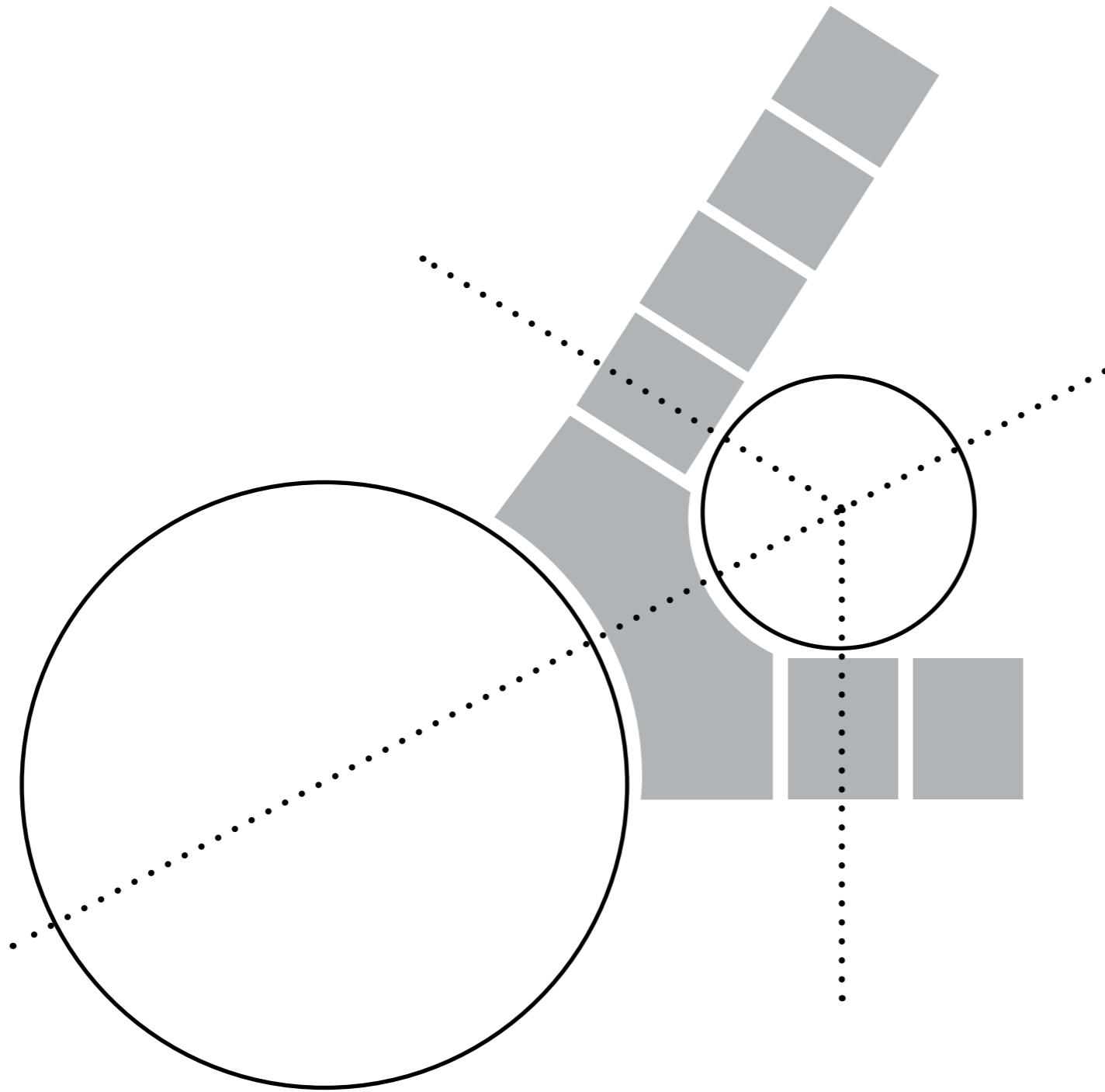
*Horizontally Unfold*



*Vertically Stack*

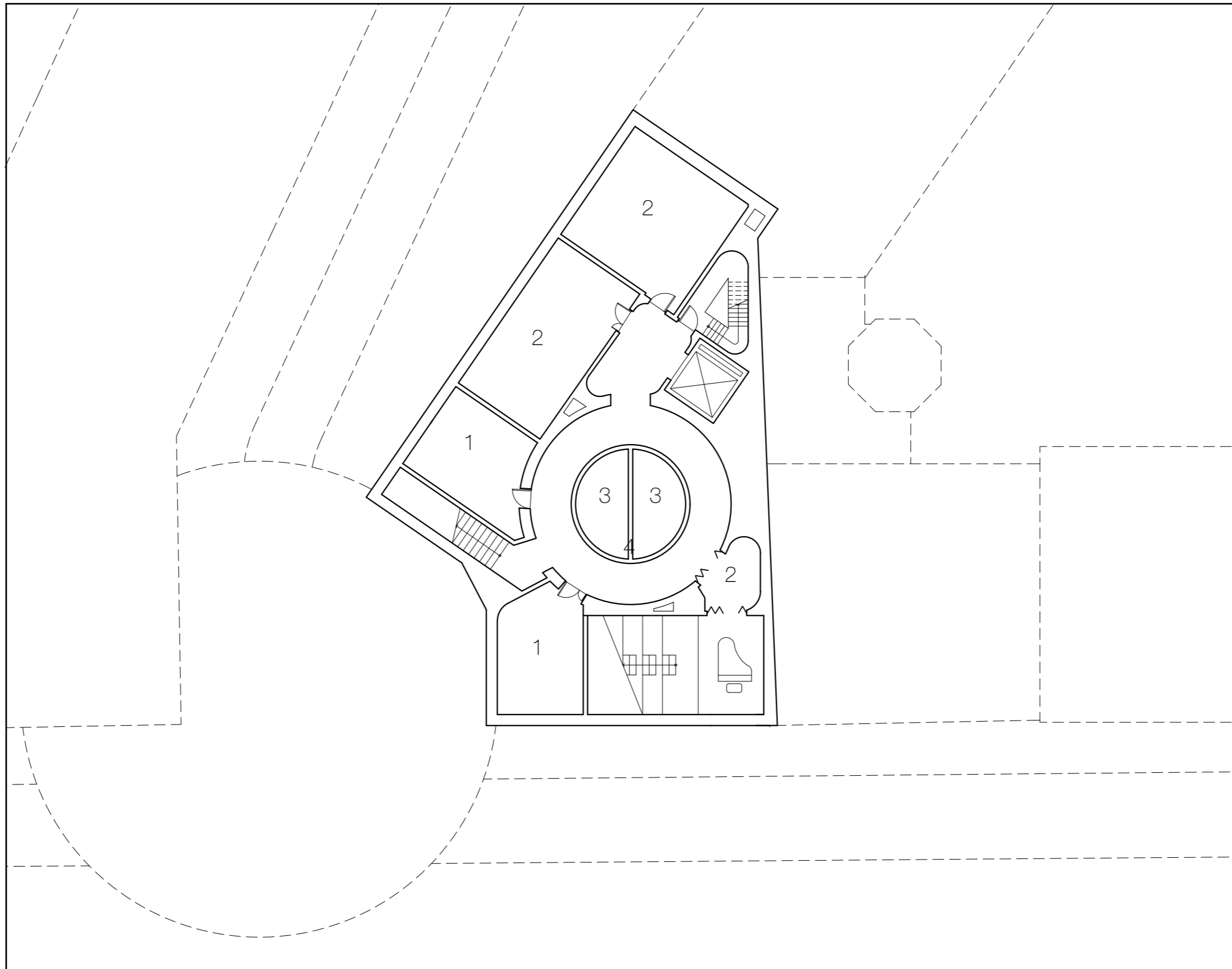


*Section*  
*Double-height bar connect upper and lower part*

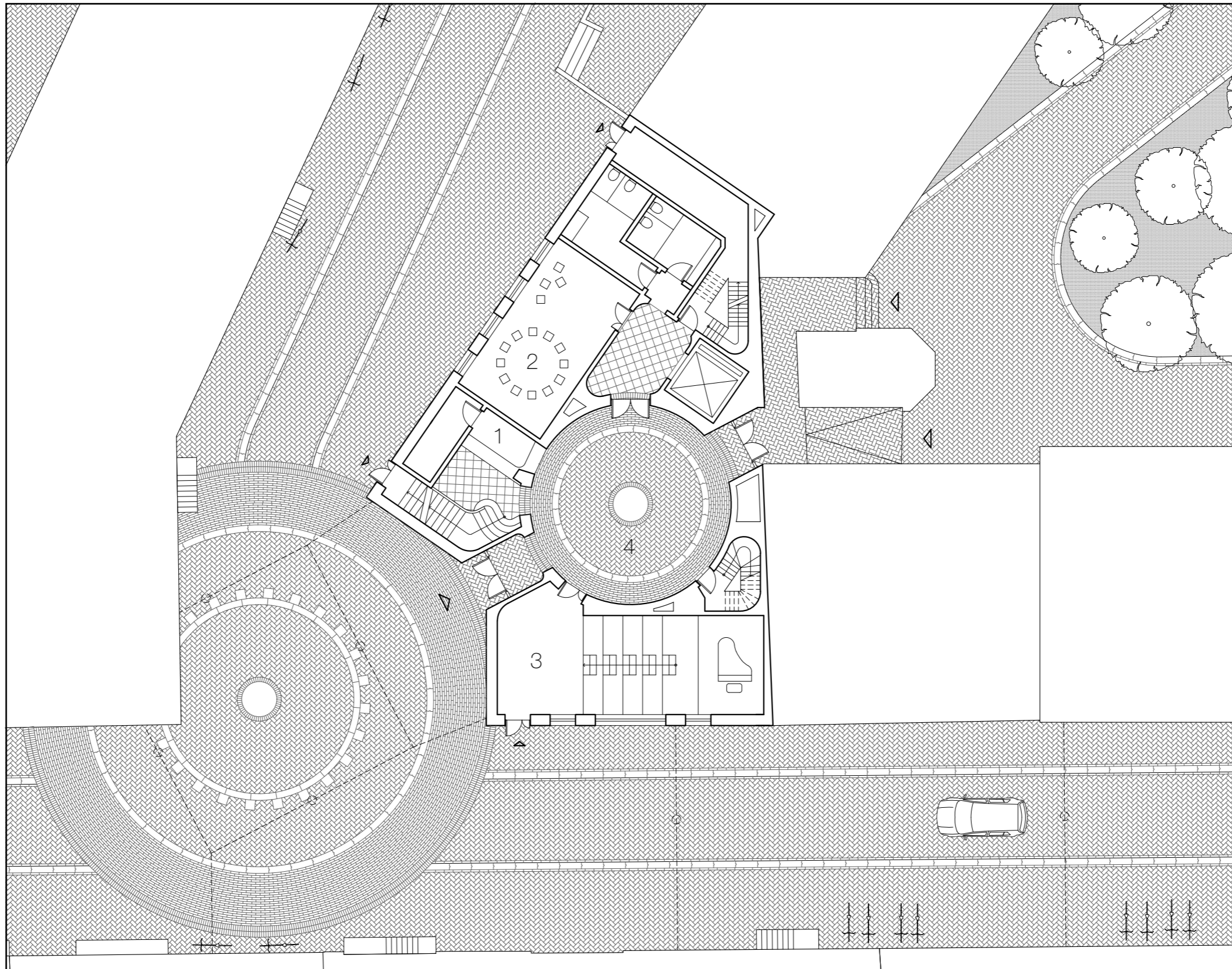


*Geometric Control*





*Basement Plan*



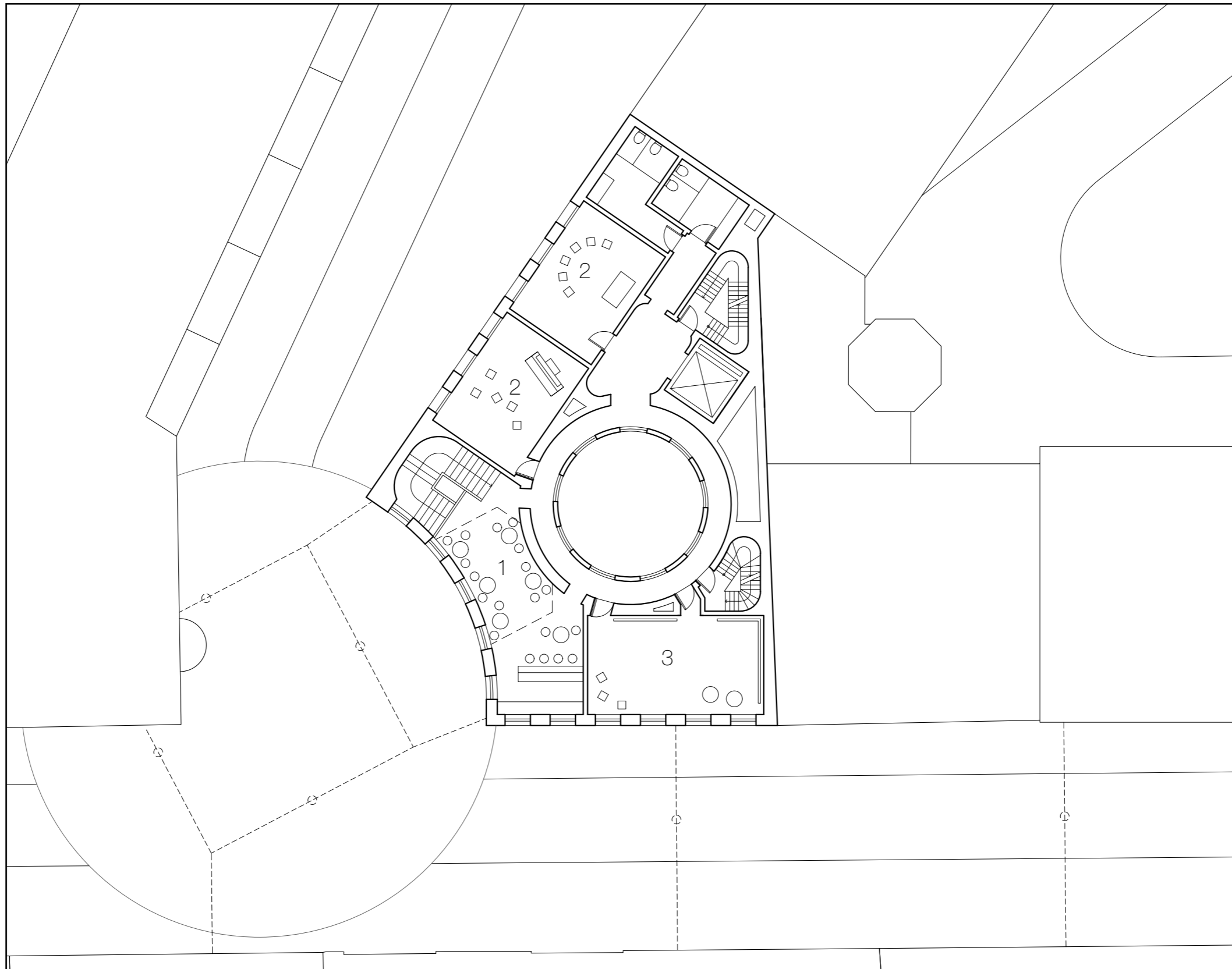
- 1. Reception
- 2. Classroom
- 3. Lecture Hall
- 4. Rotunda

*Ground Plan*









- 1. Bar
- 2. Acting Classroom
- 3. Dance Classroom

*1F Plan*









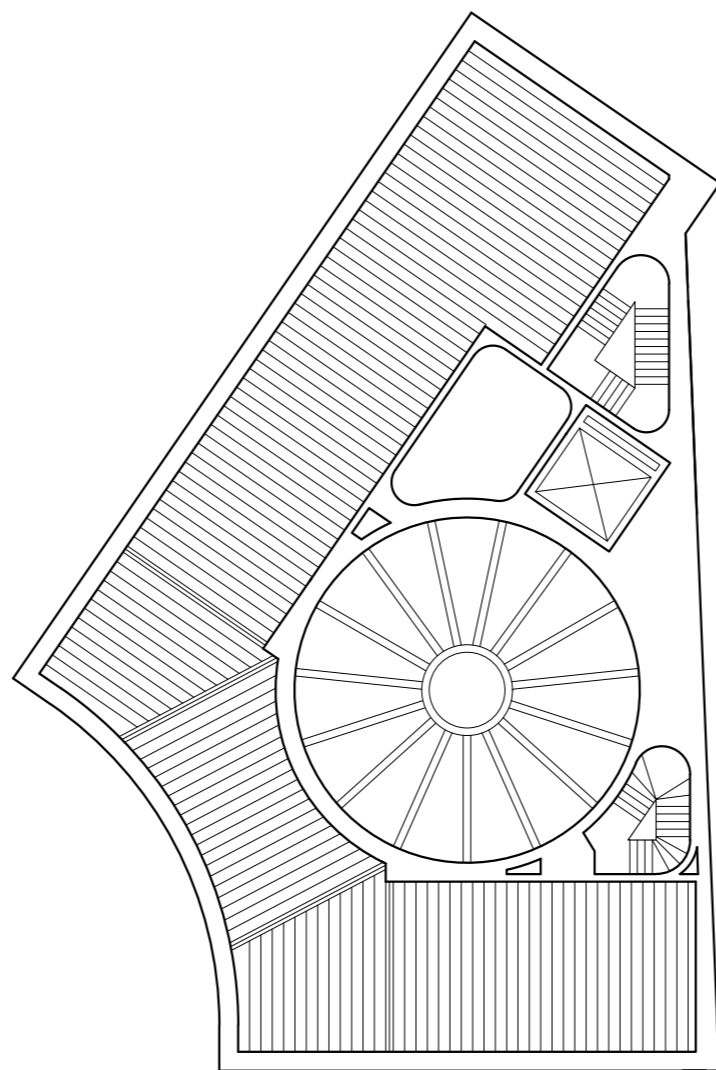
1. Garden

*2F Plan*

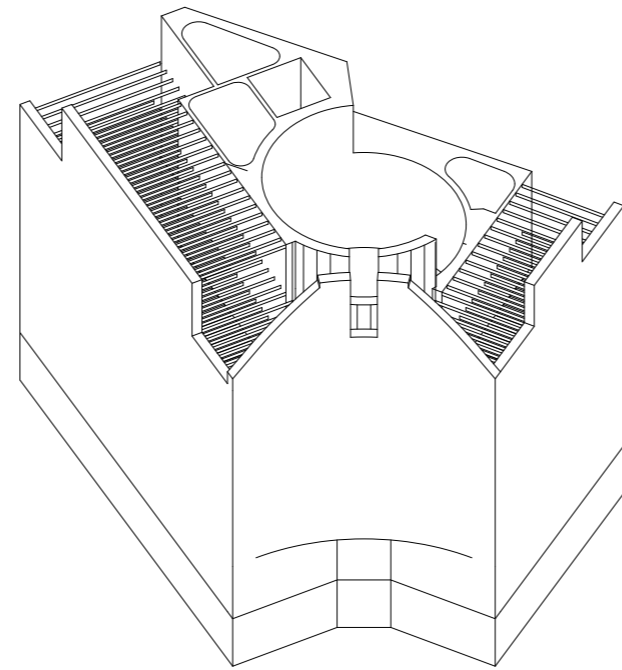


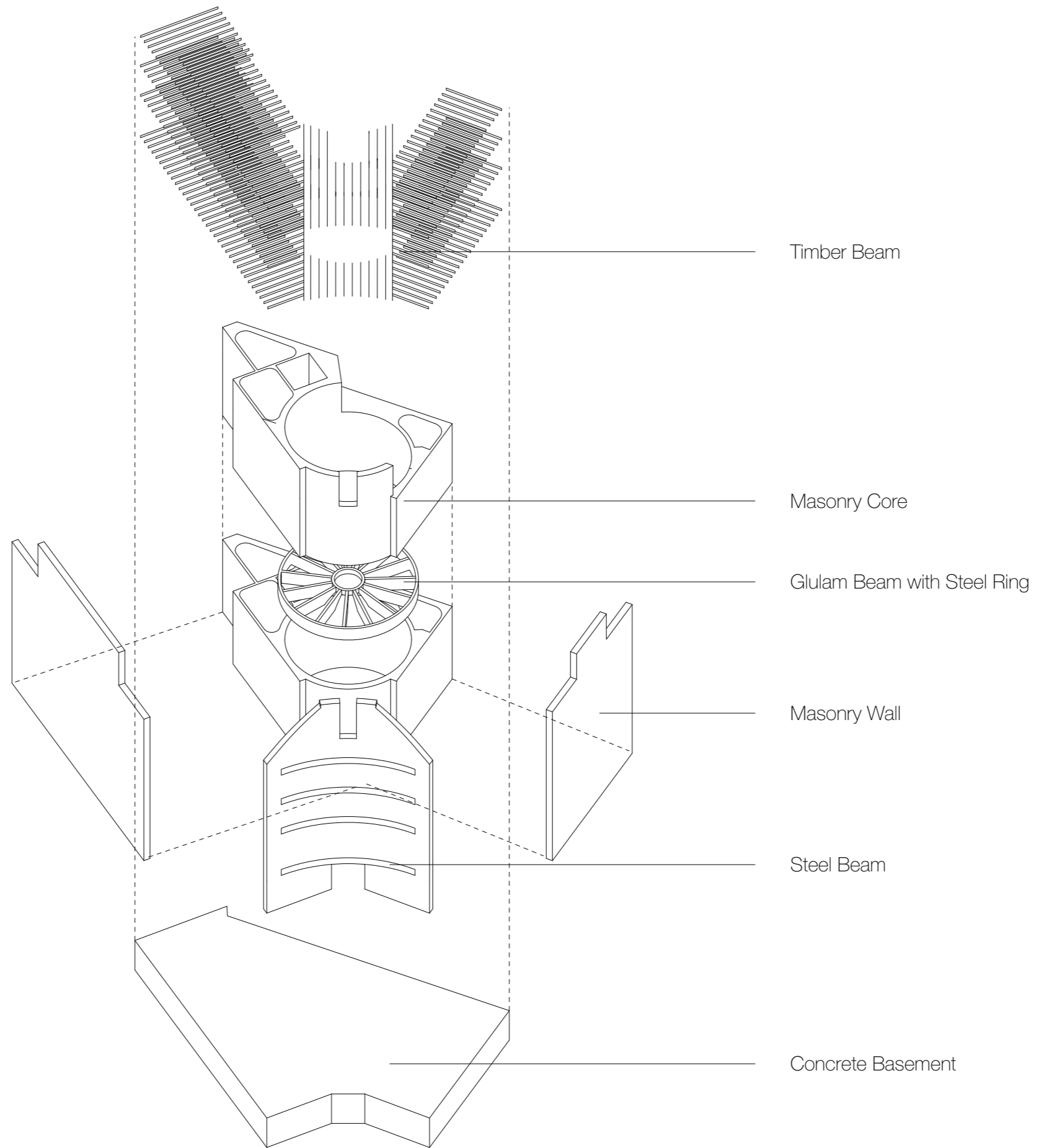


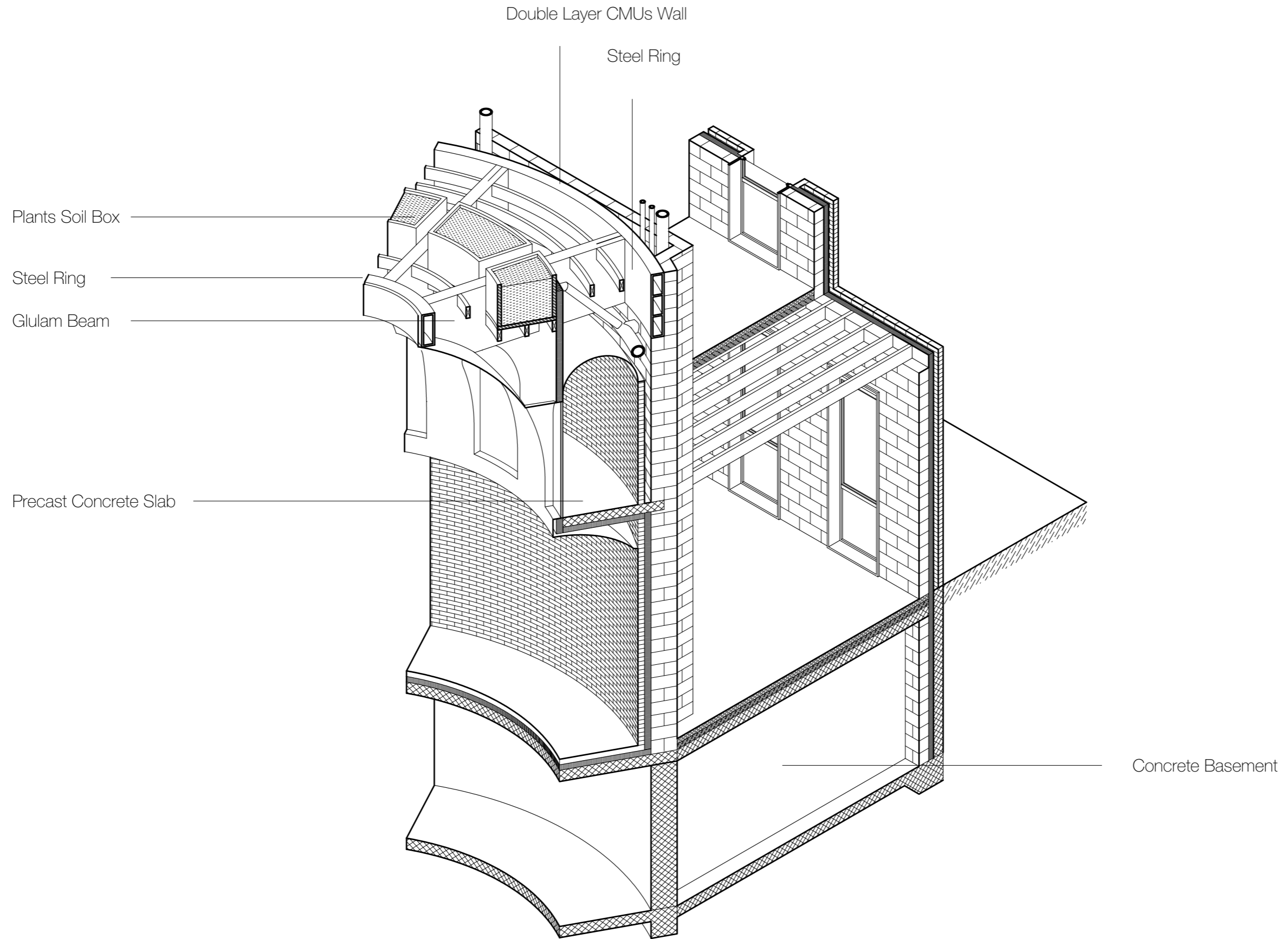
*Wall as the Main Role*



*Wall plays the most important role*







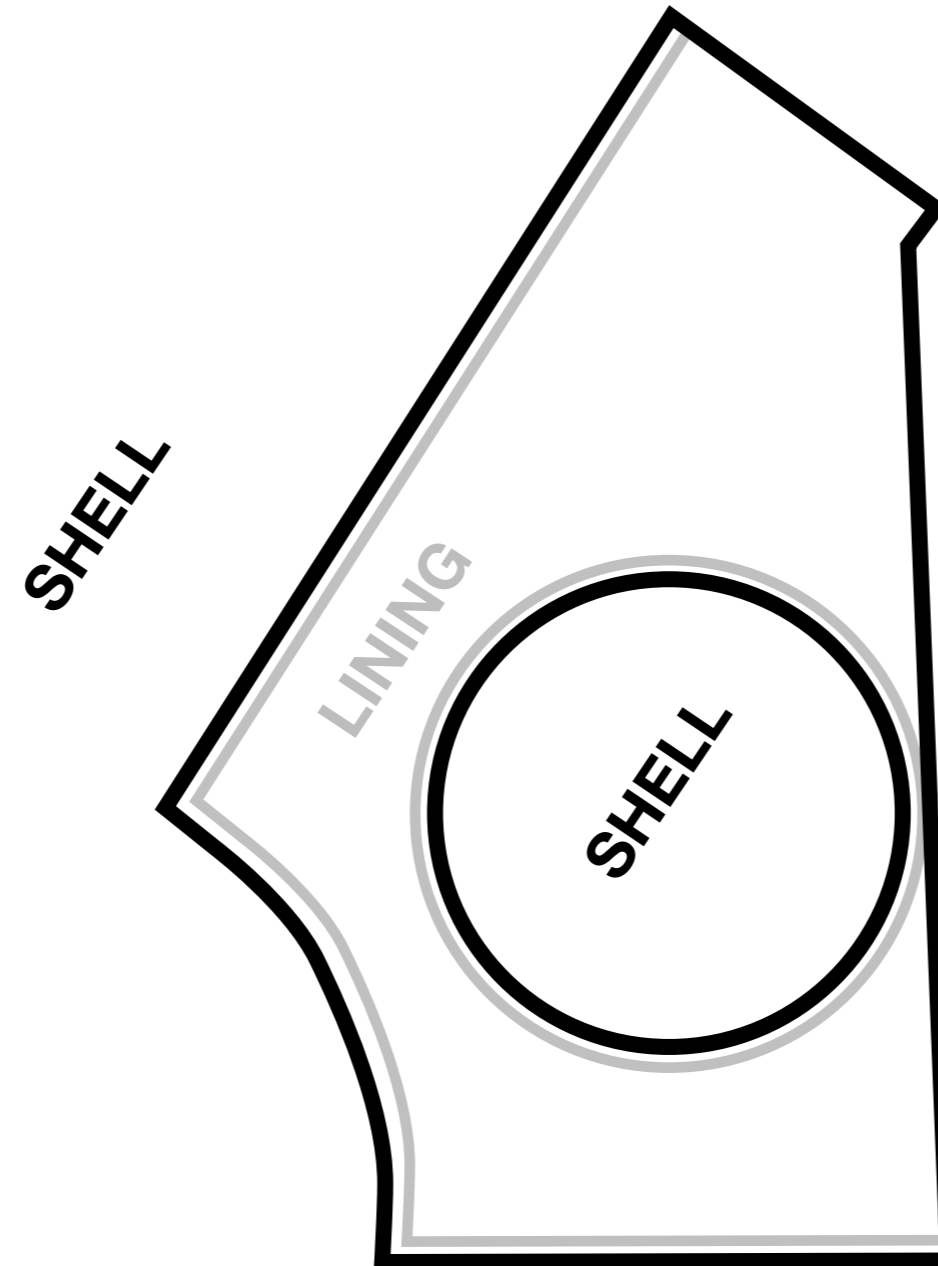


## *Shell and Lining*



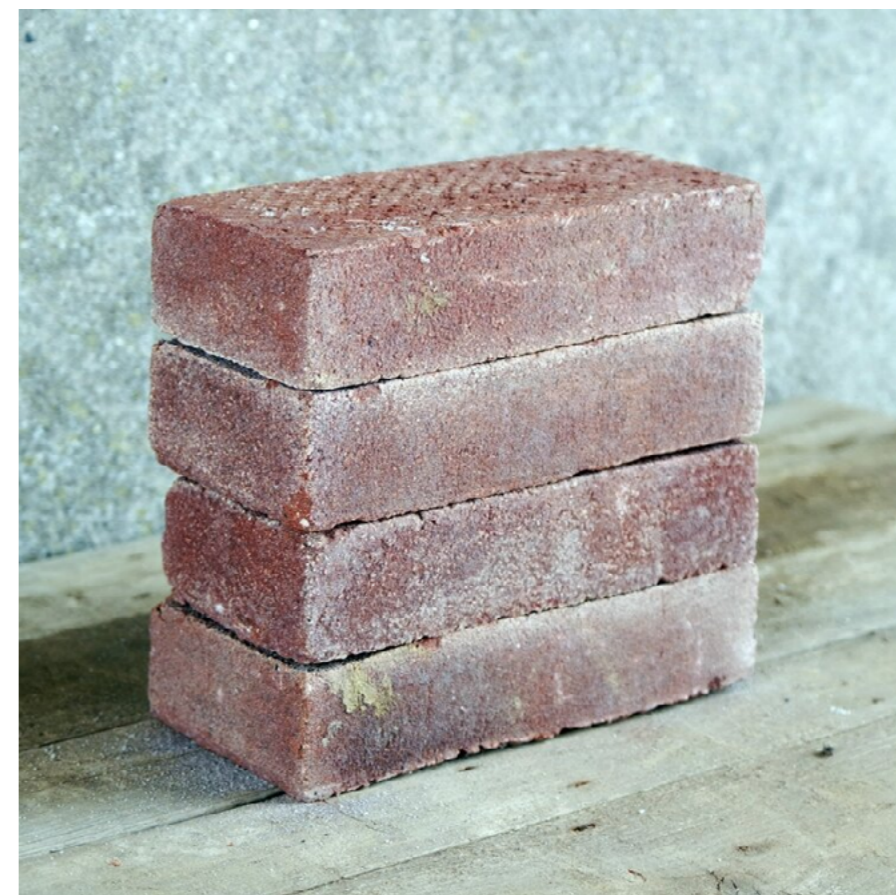
*New Art Gallery Walsall  
Caruso St. John*

*Cladding, Shell & Lining*





*Brick, Hard*

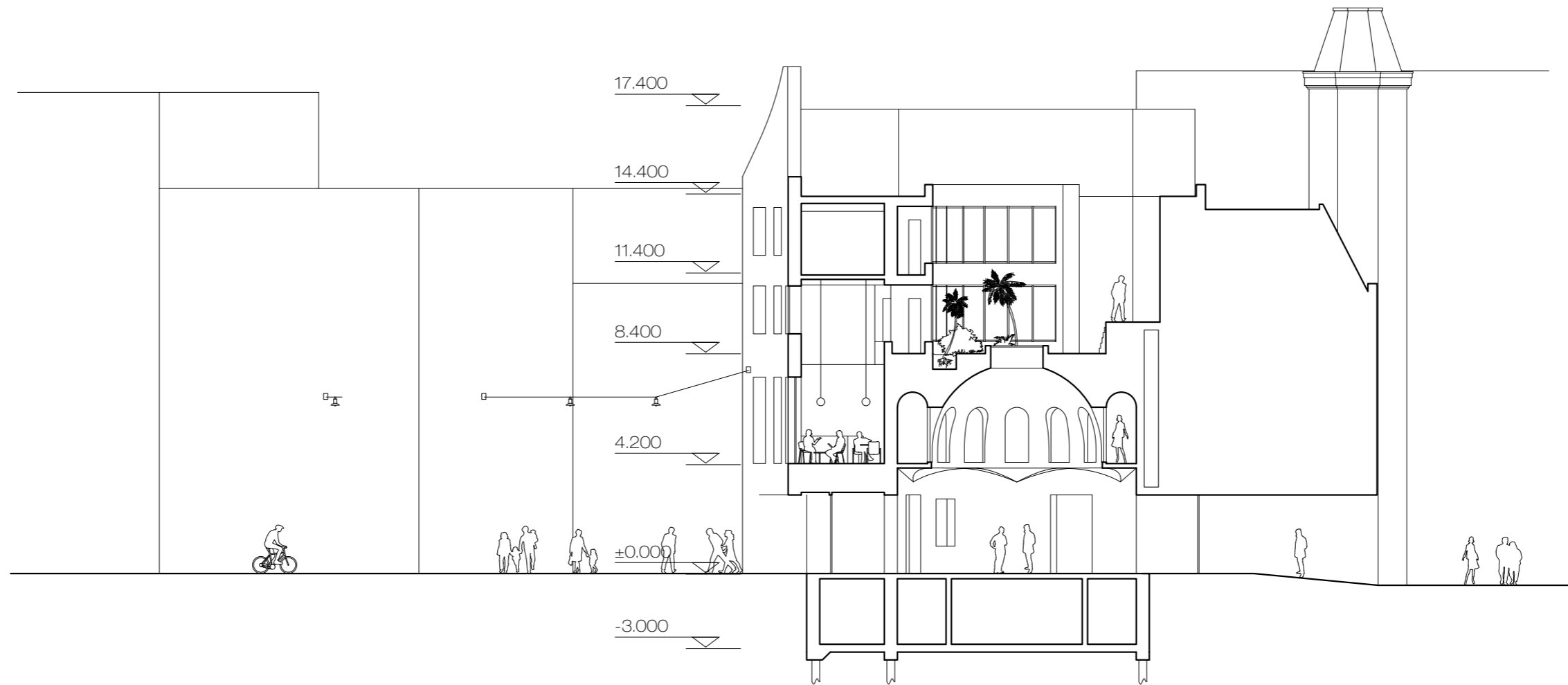


*StoneCycling*



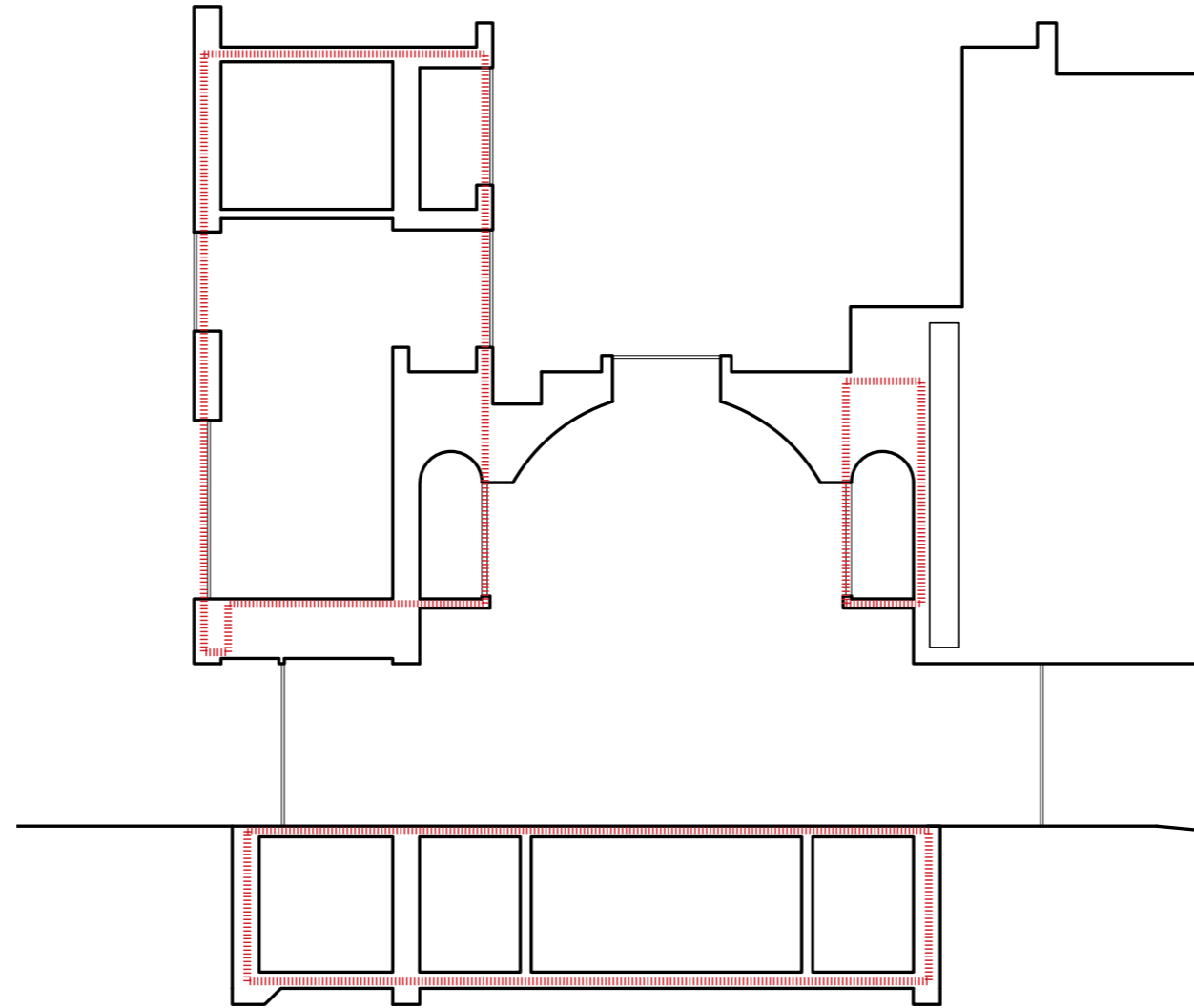
*Wood, Soft*

# *Temperature, Ventilation and Energy*

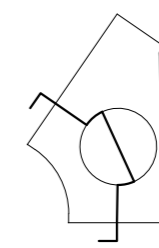
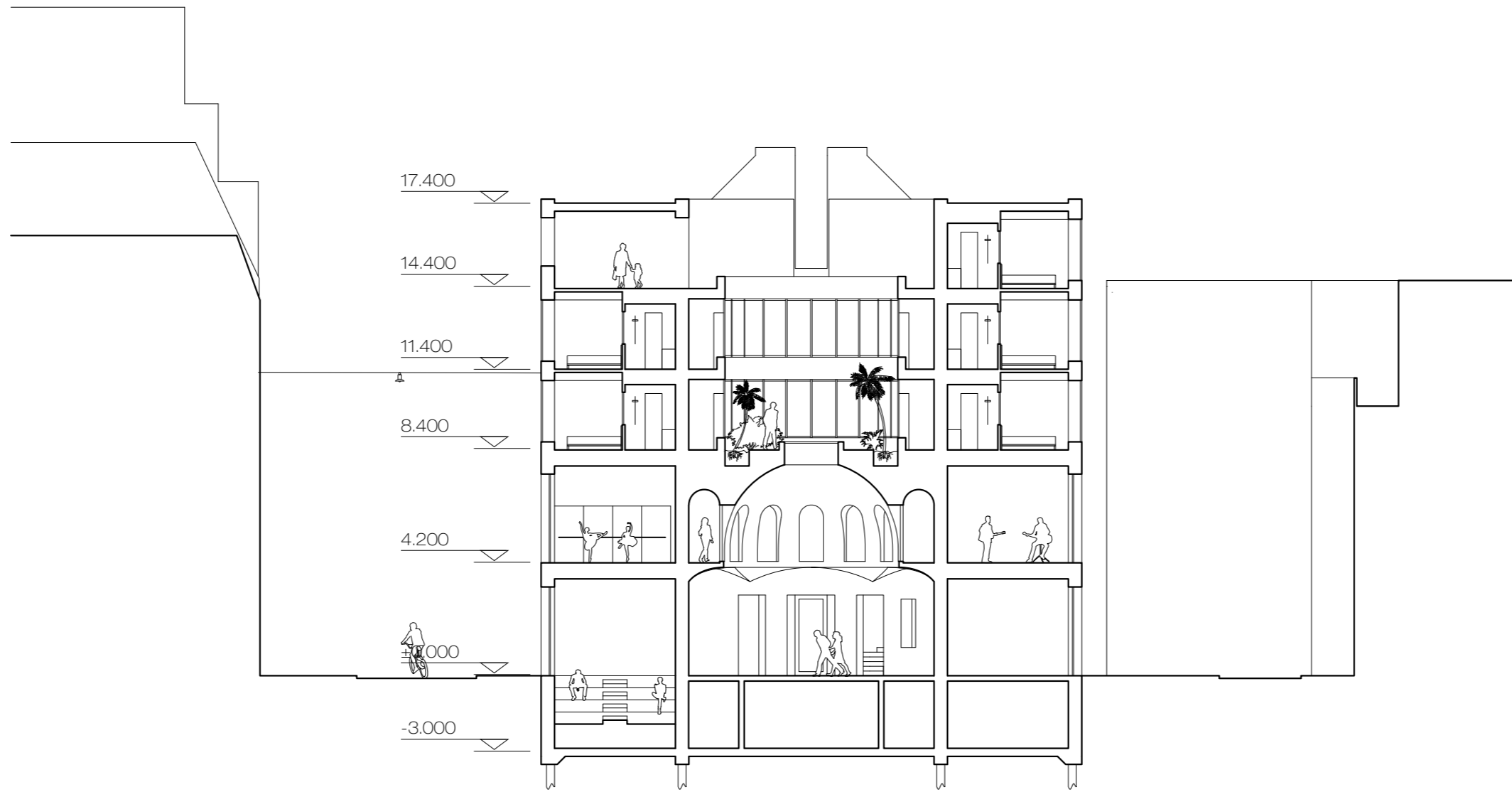


*Section*

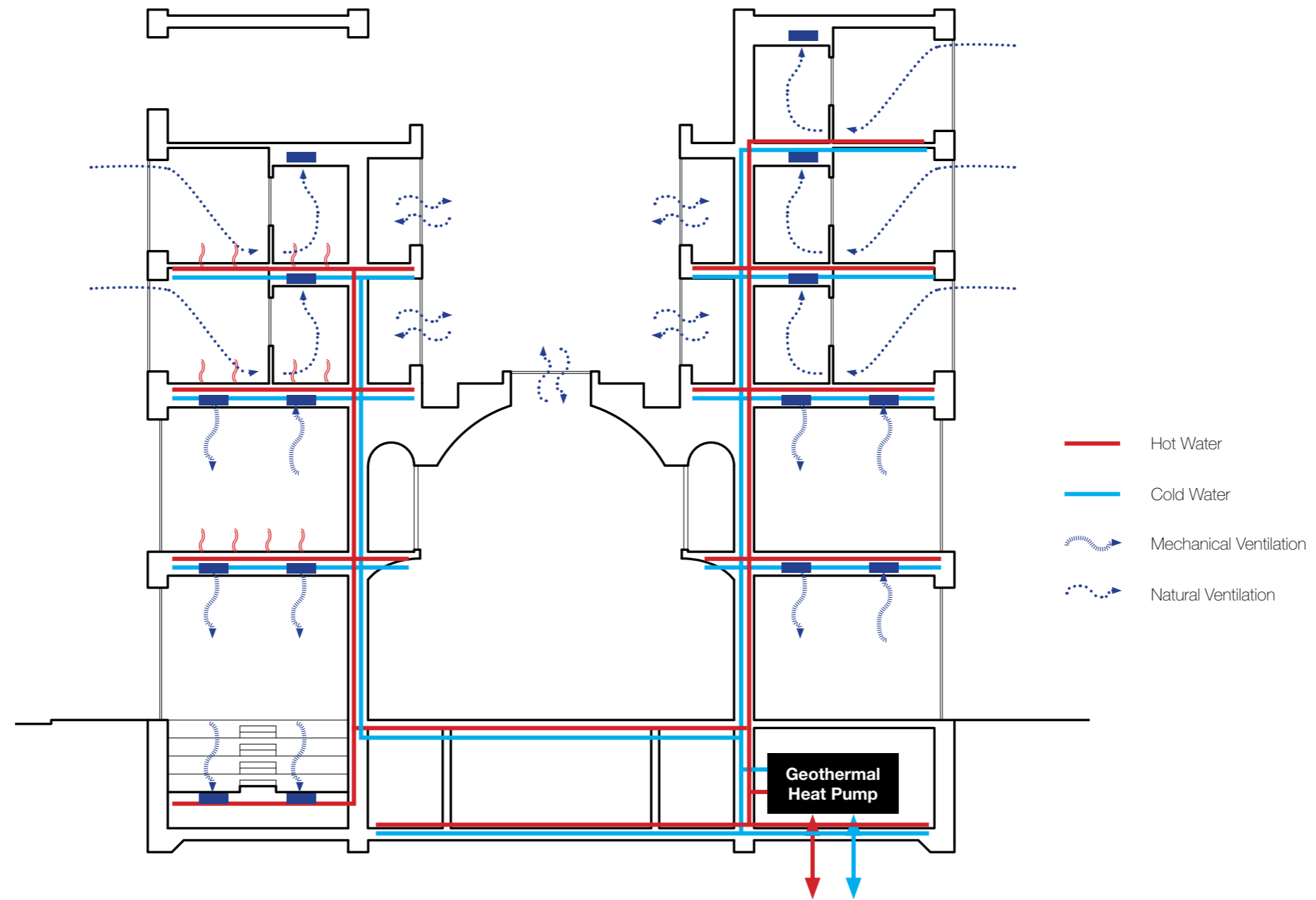


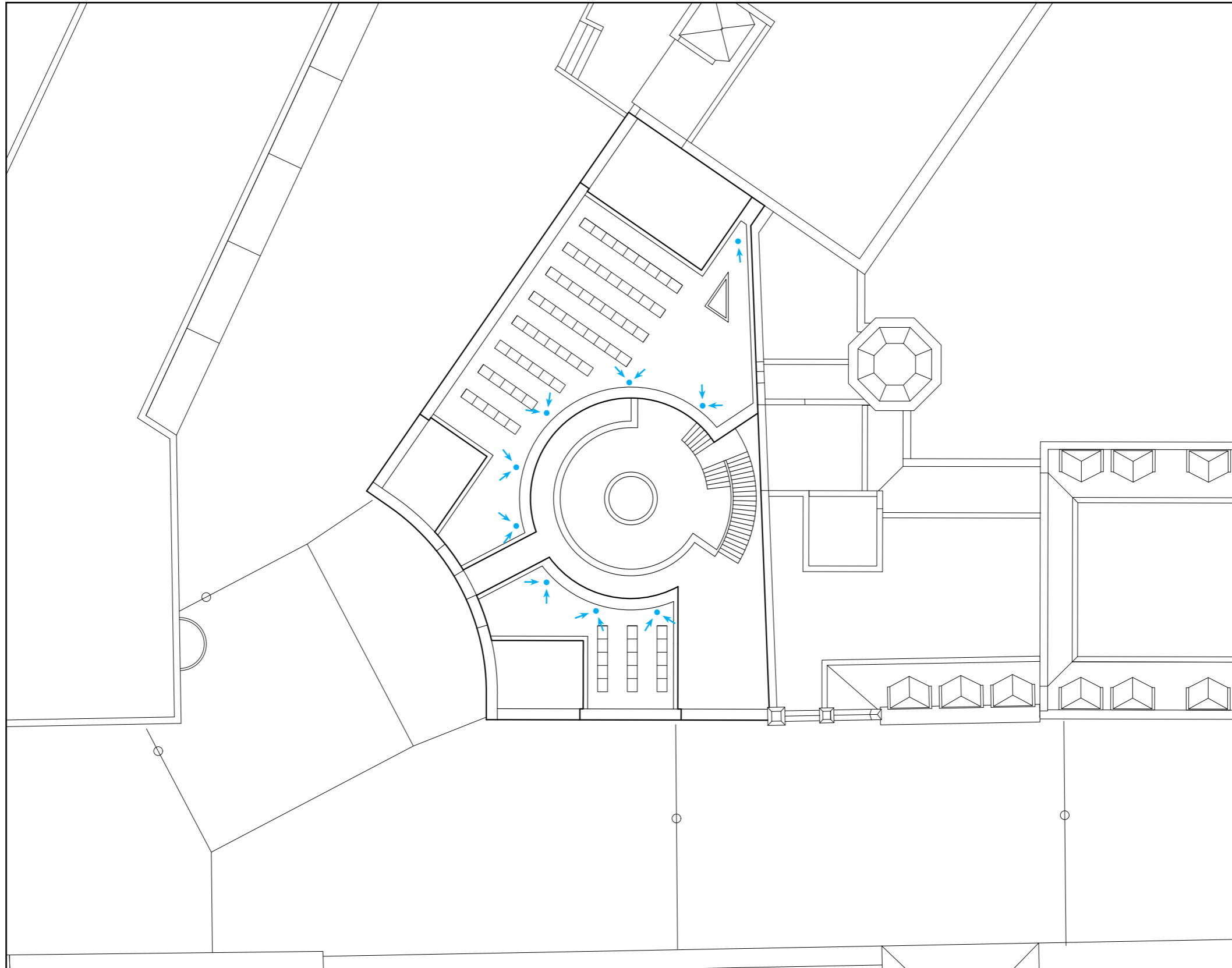


*Rotonda as a non-insulated area, the door would keep open*

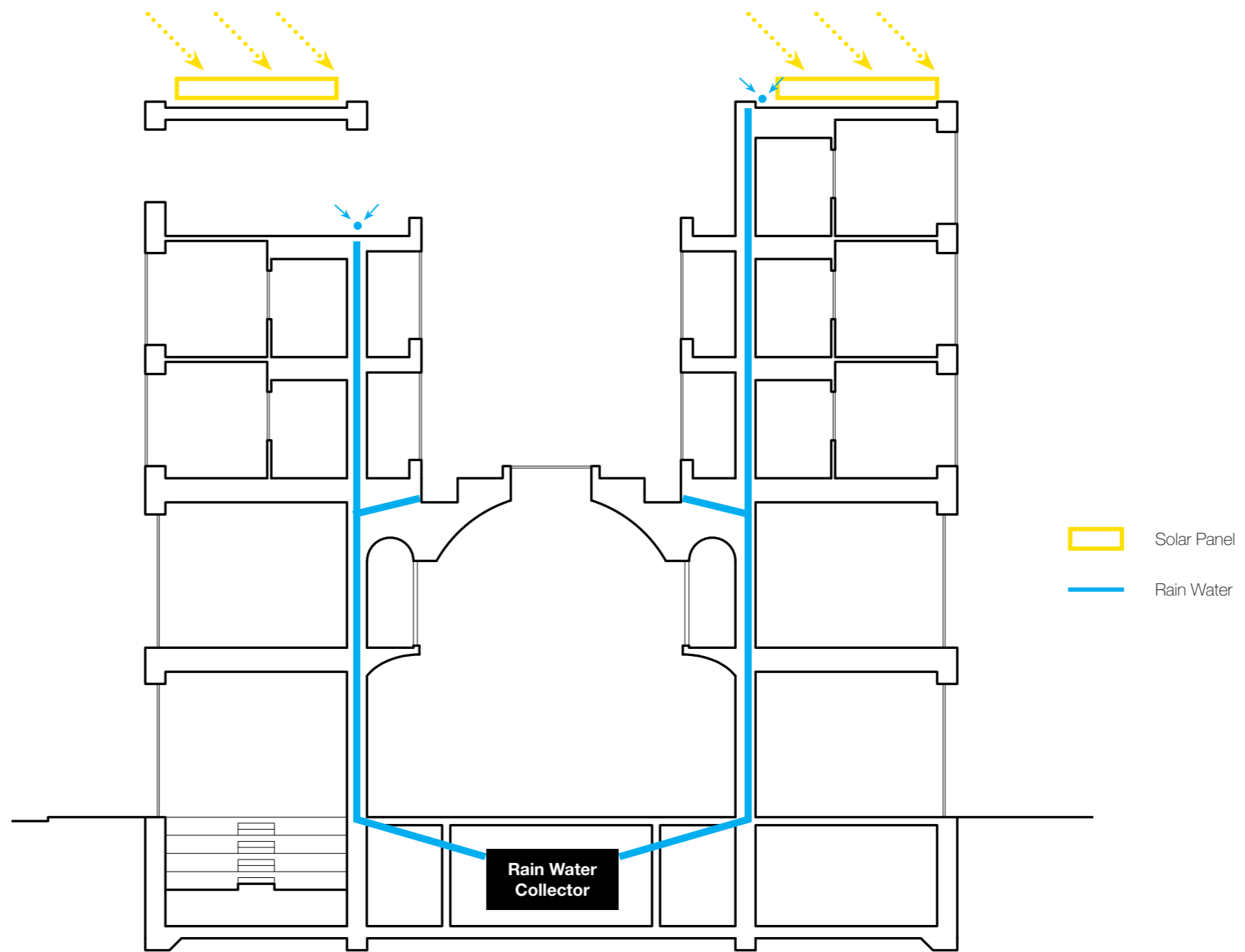


*Section*

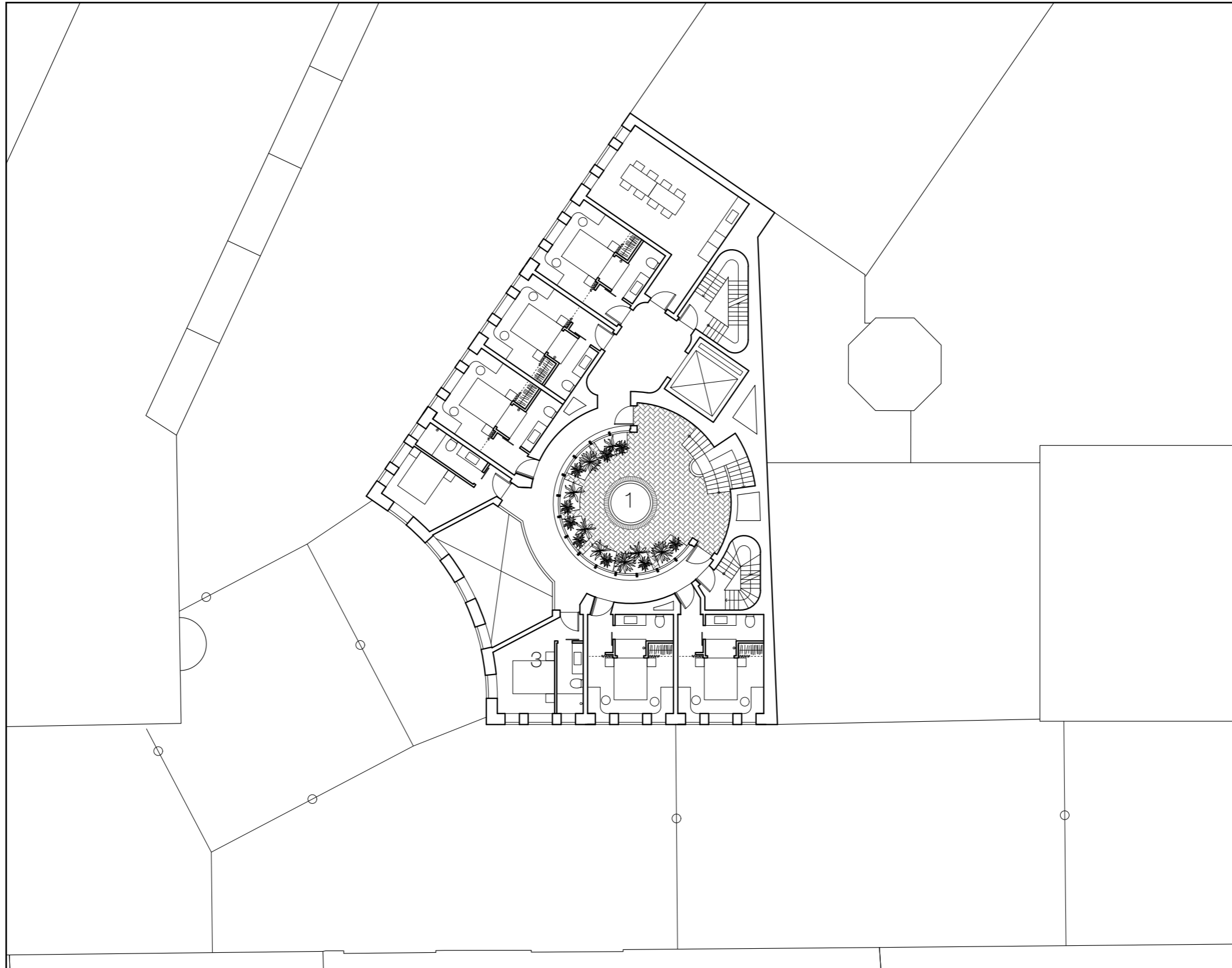




*Rooftop Plan*

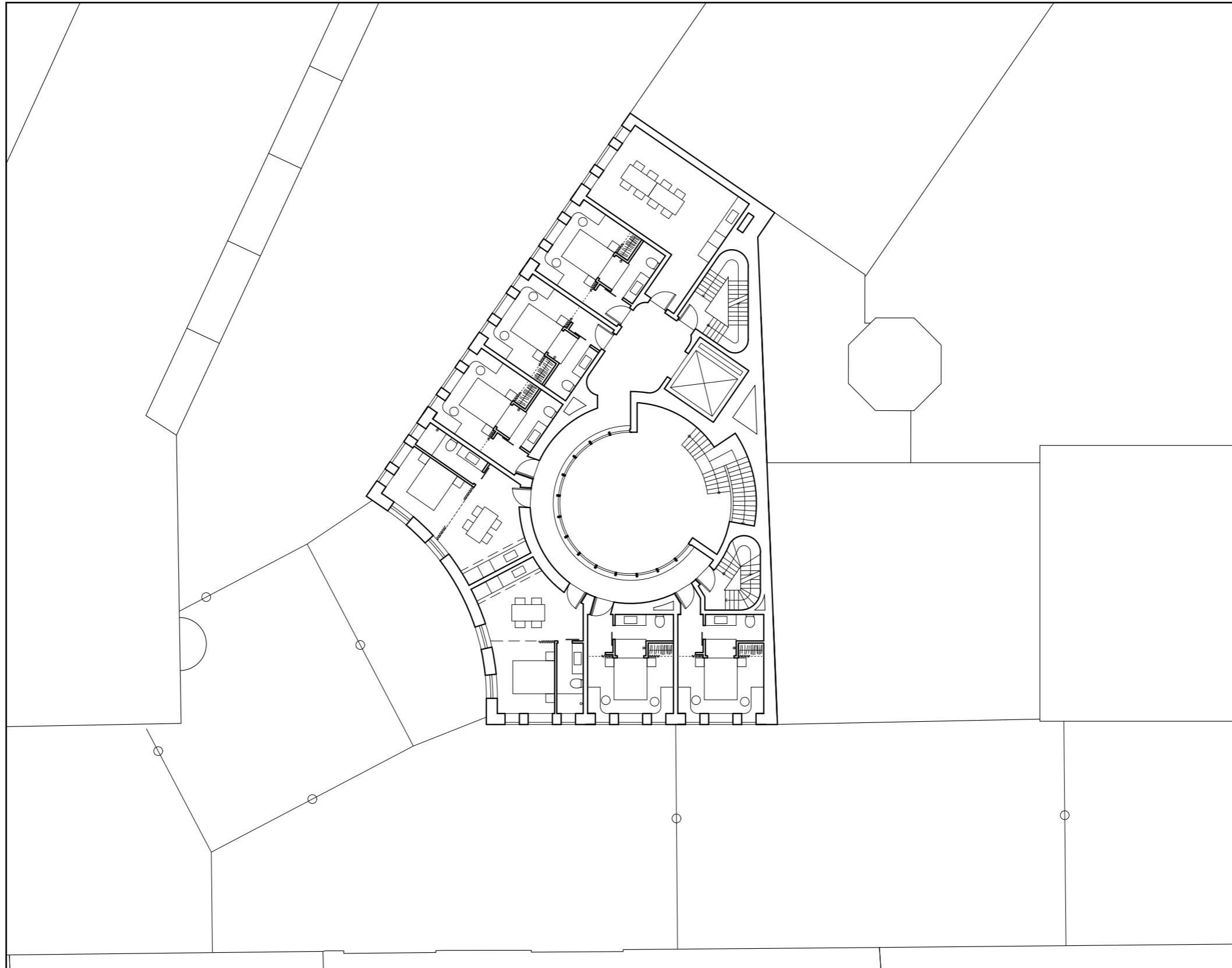


## *Room with Centrality*



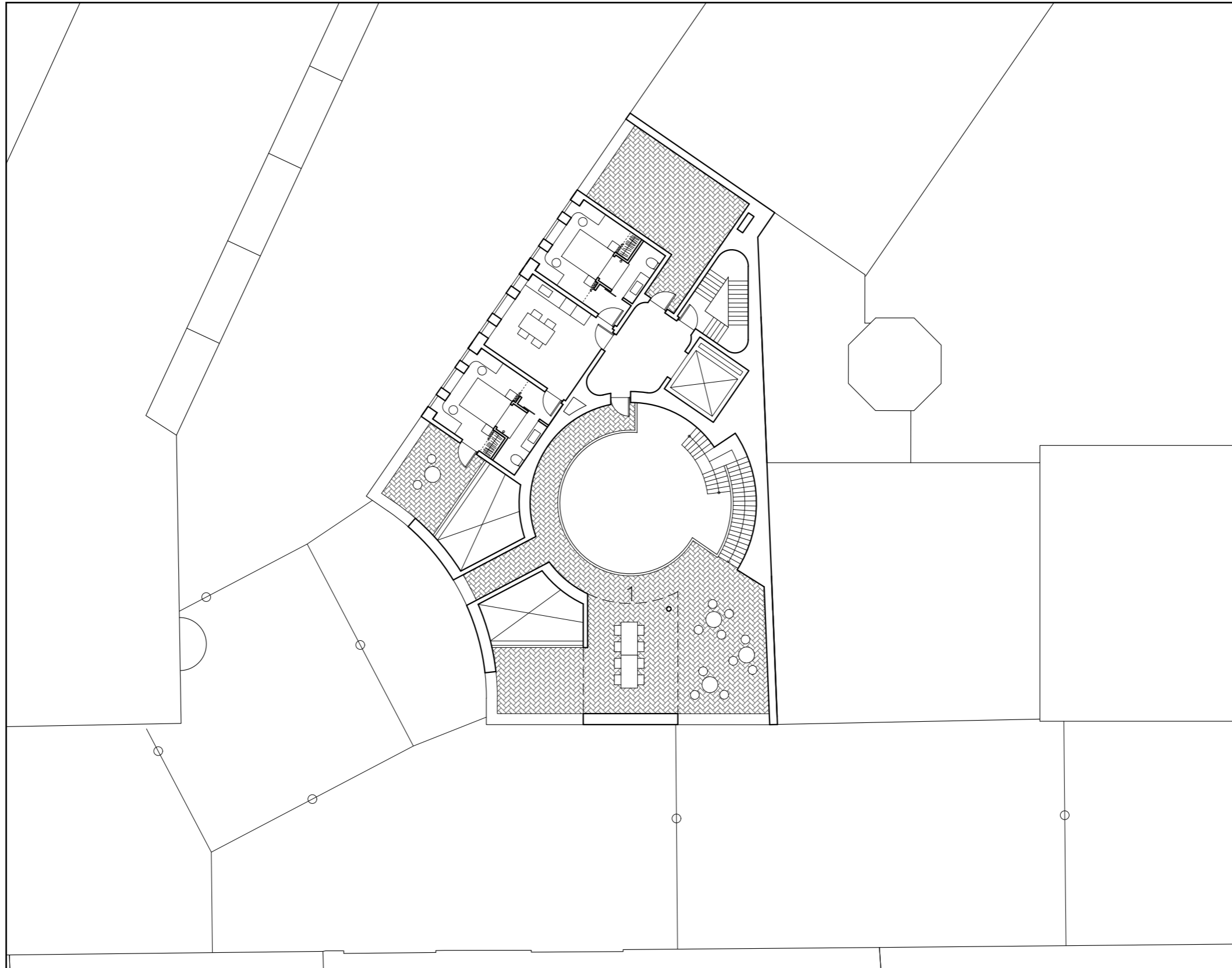
1. Garden

*2F Plan*



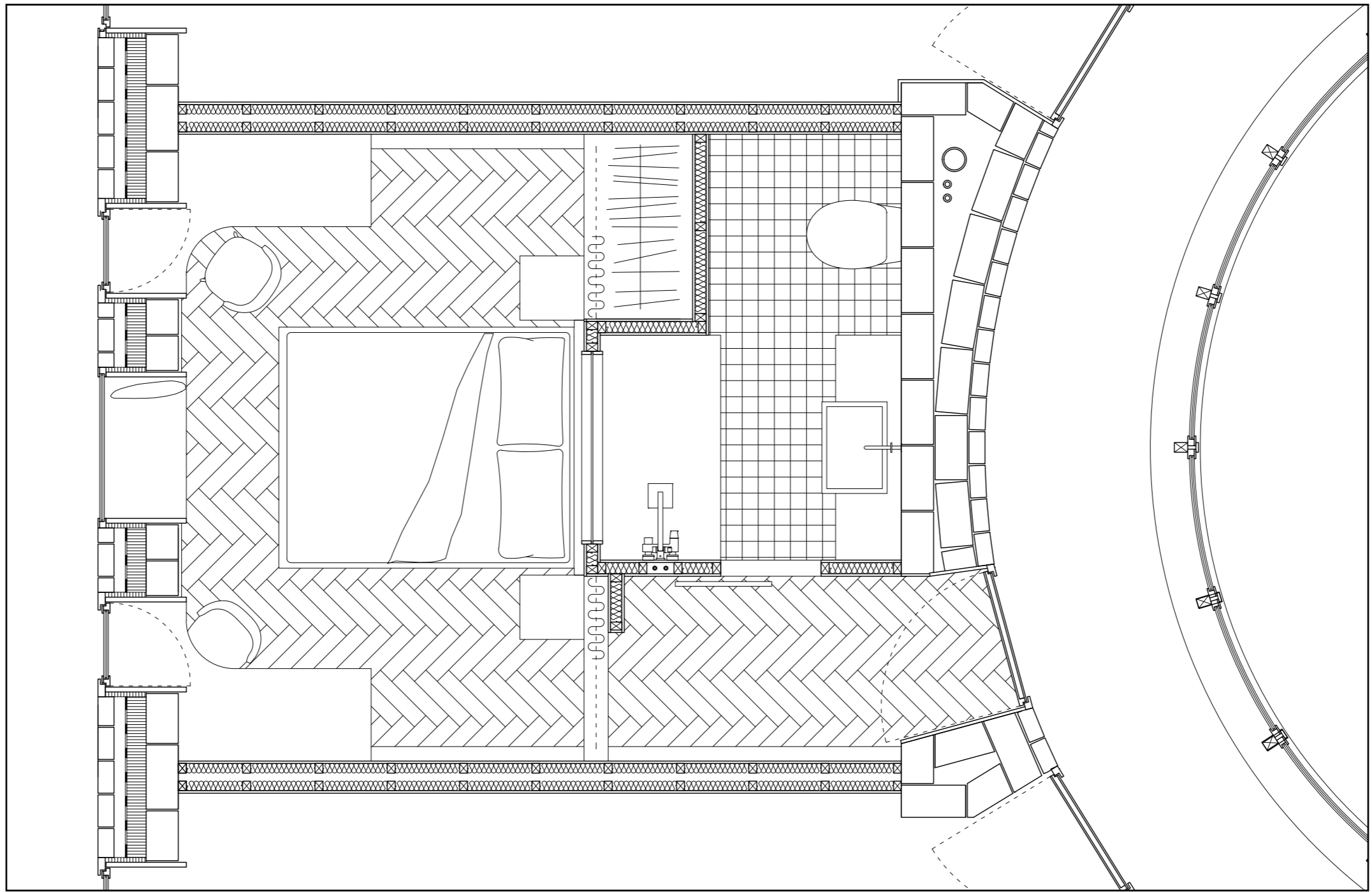
*3F Plan*



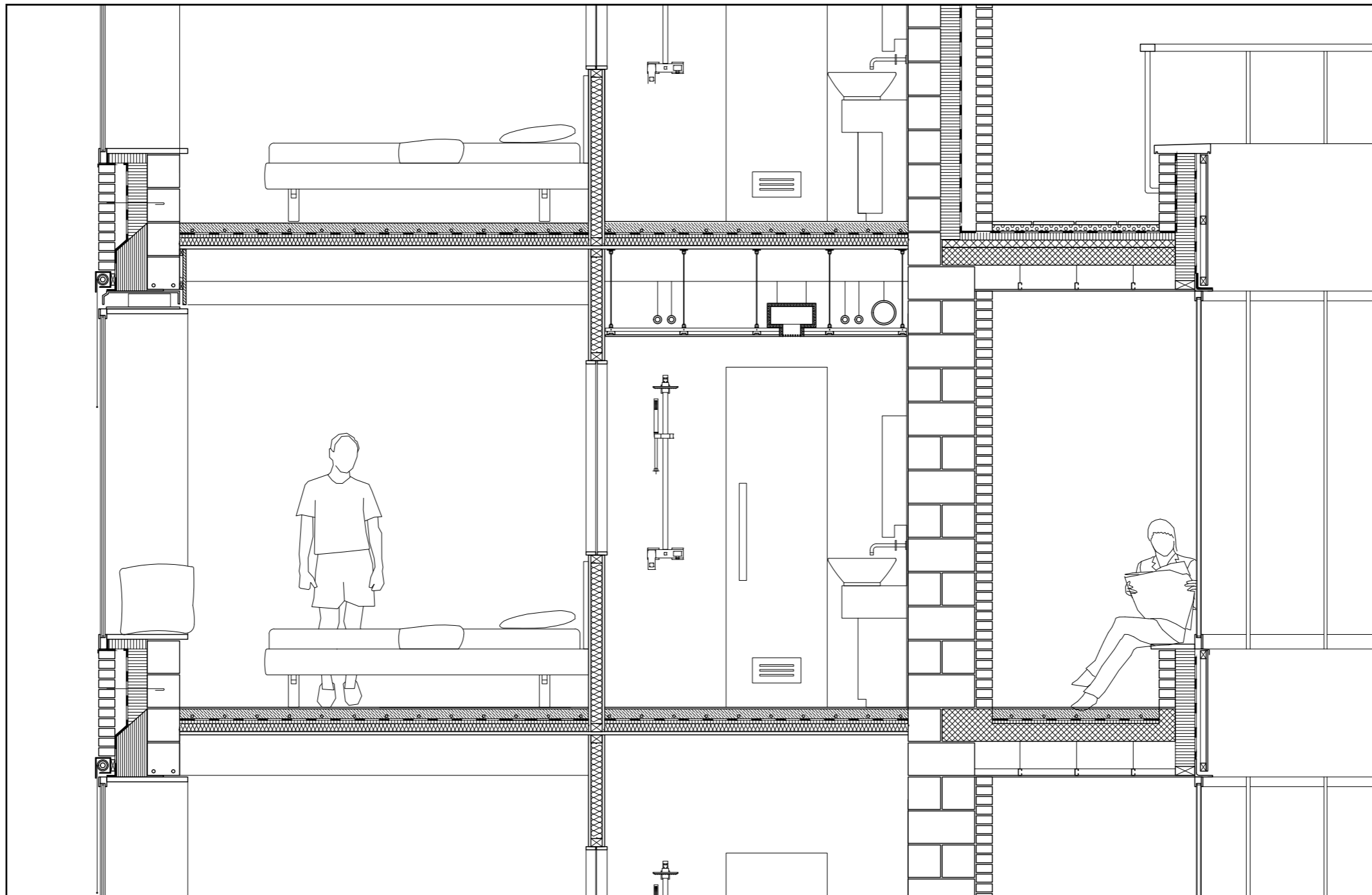


1. Roof Garden

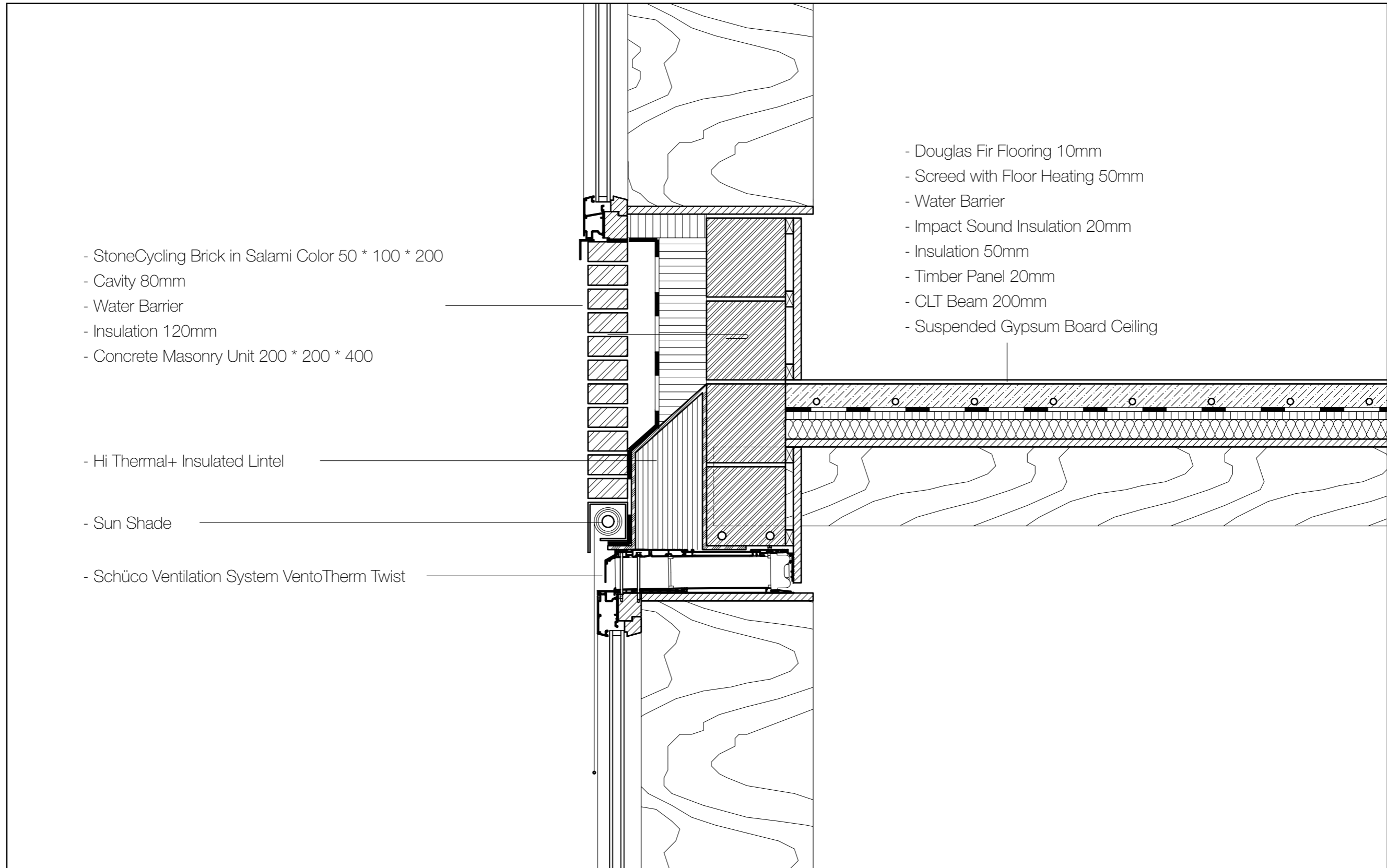
*4F Plan*



*Detail Plan 1:30*



*Detail Section 1:30*



- StoneCycling Brick in Salami Color 50 \* 100 \* 200
- Cavity 80mm
- Water Barrier
- Insulation 120mm
- Concrete Masonry Unit 200 \* 200 \* 400

- Hi Thermal+ Insulated Lintel

- Sun Shade

- Schüco Ventilation System VentoTherm Twist

- Douglas Fir Flooring 10mm
- Screed with Floor Heating 50mm
- Water Barrier
- Impact Sound Insulation 20mm
- Insulation 50mm
- Timber Panel 20mm
- CLT Beam 200mm
- Suspended Gypsum Board Ceiling

*Detail 1:10*



*Schüco Ventilation System VentoTherm Twist*









