



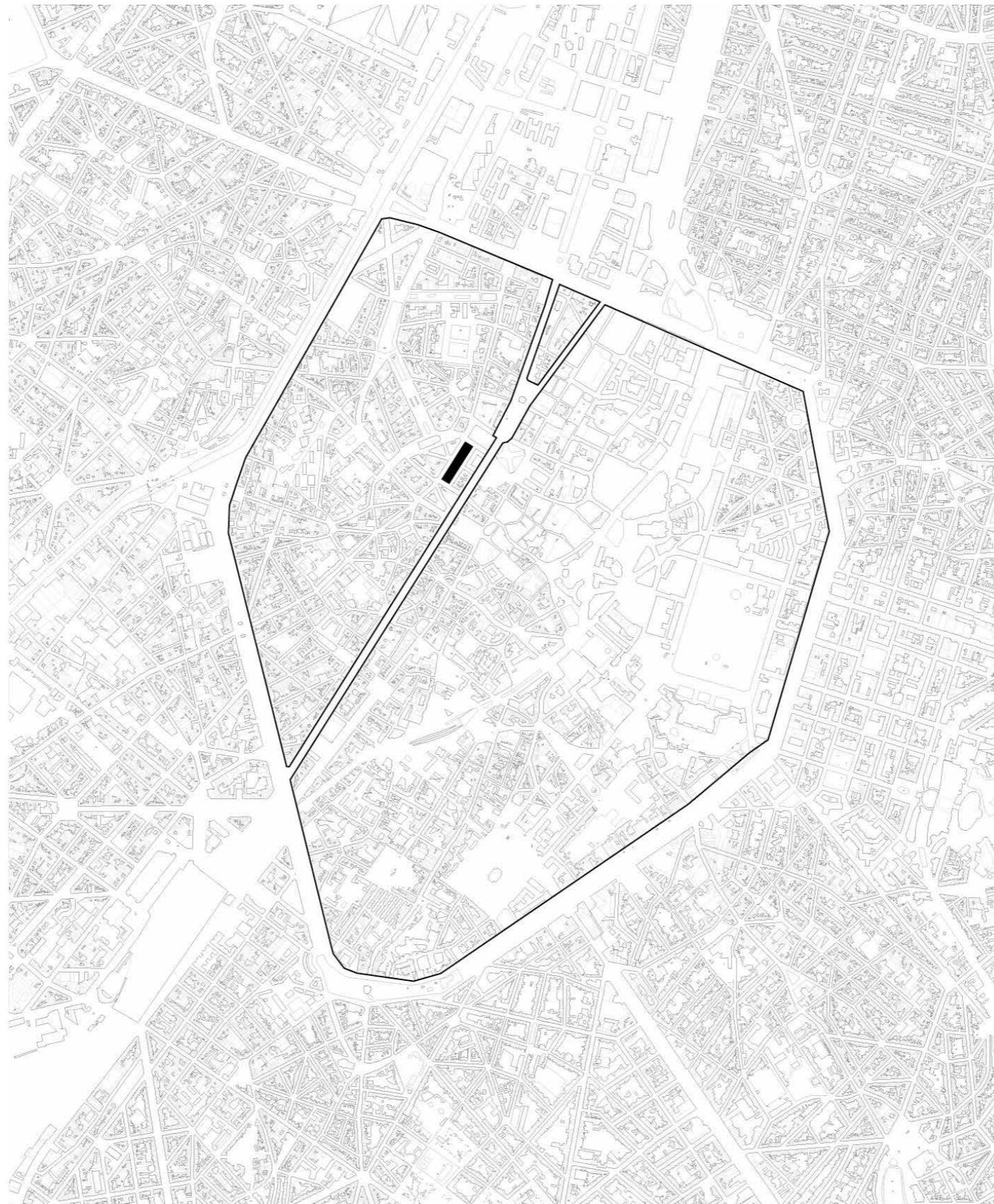
## A City Hall For Brussels

1. General Research and Cases Study
2. Political Space Design and Axonometric Drawing
3. City Hall Design

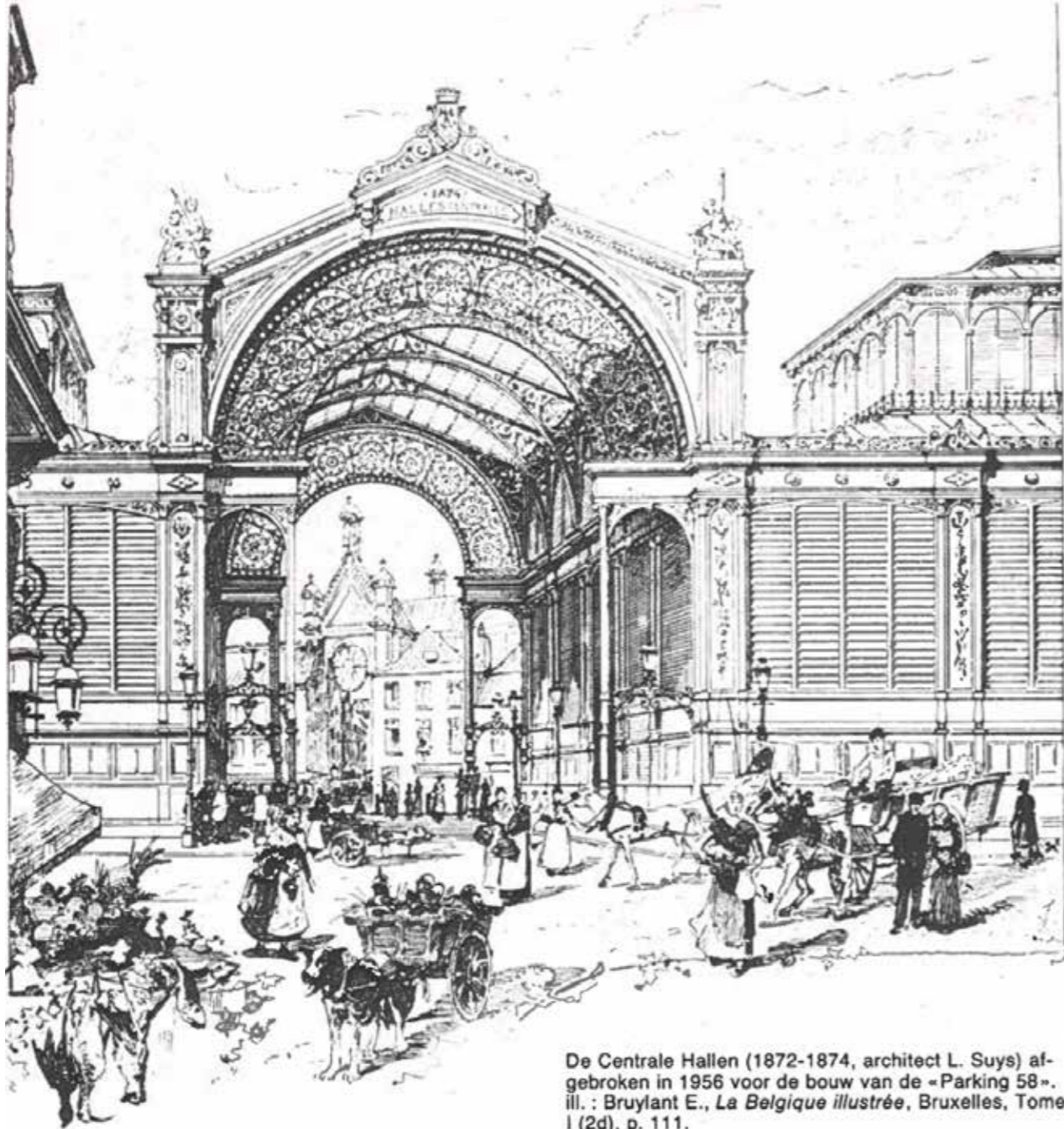
Section  
Plan  
Facade  
Technical Matters



General Research



Location



De Centrale Hallen (1872-1874, architect L. Suys) afgebroken in 1956 voor de bouw van de «Parking 58». ill. : Bruylant E., *La Belgique illustrée*, Bruxelles, Tome I (2d), p. 111.



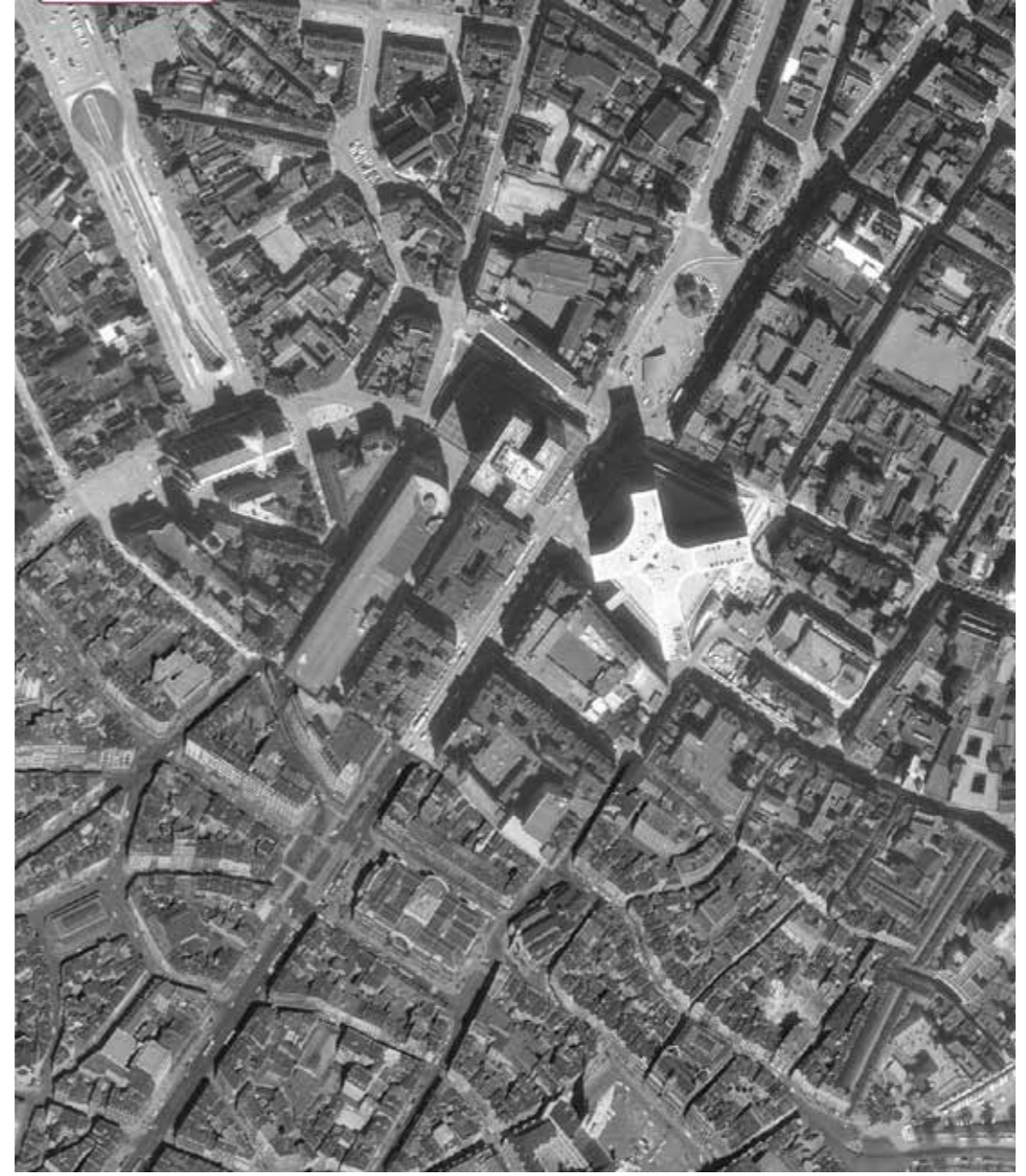
Central Hall



Parking 58



1944



1971



" Boils " in the City



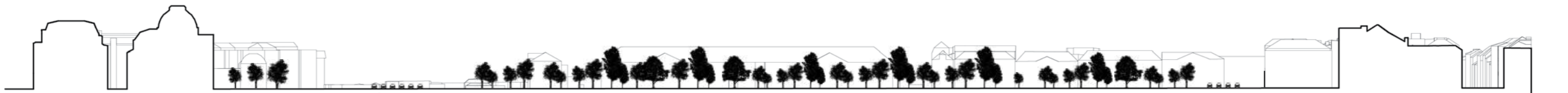


Agency Map



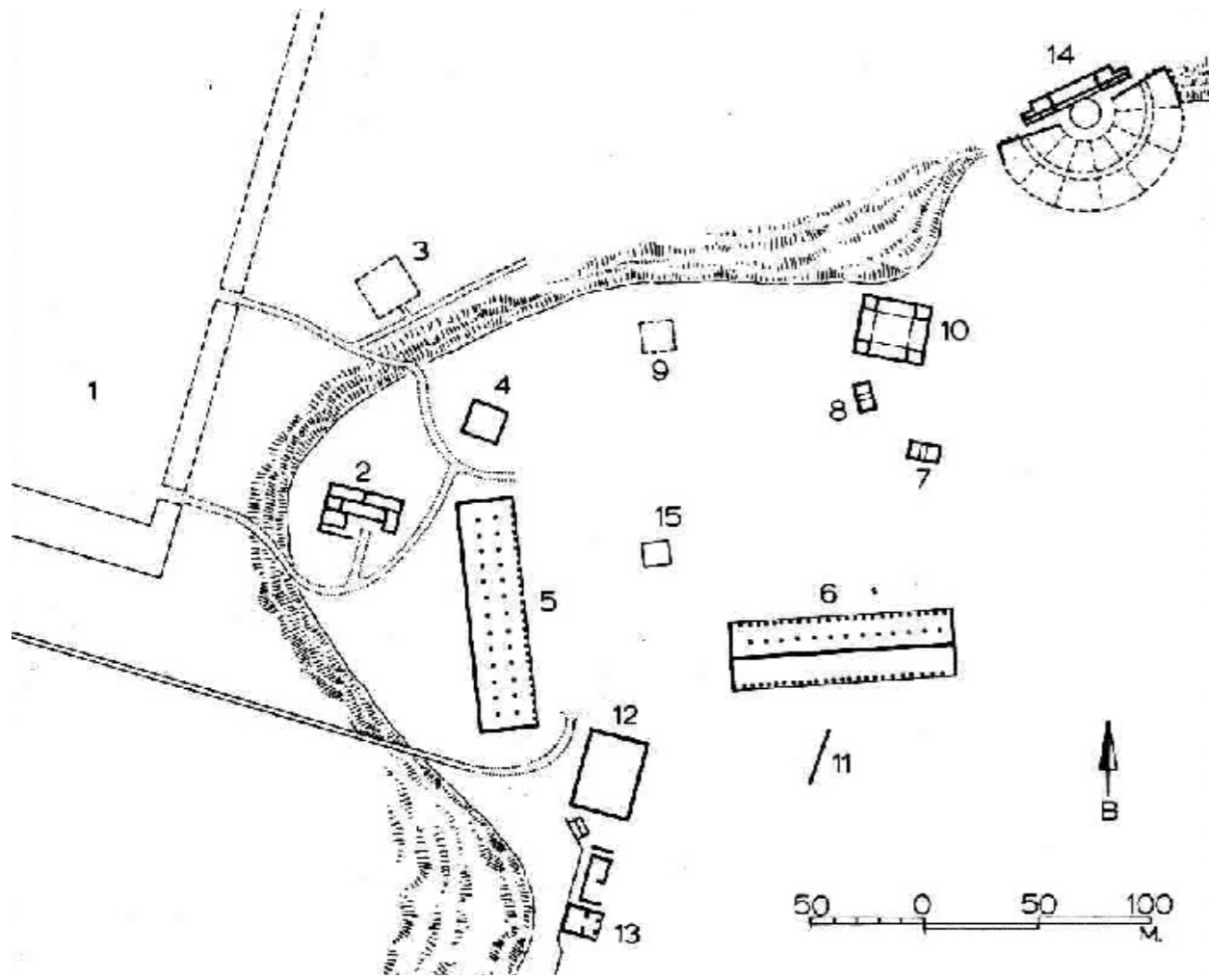
Grand place



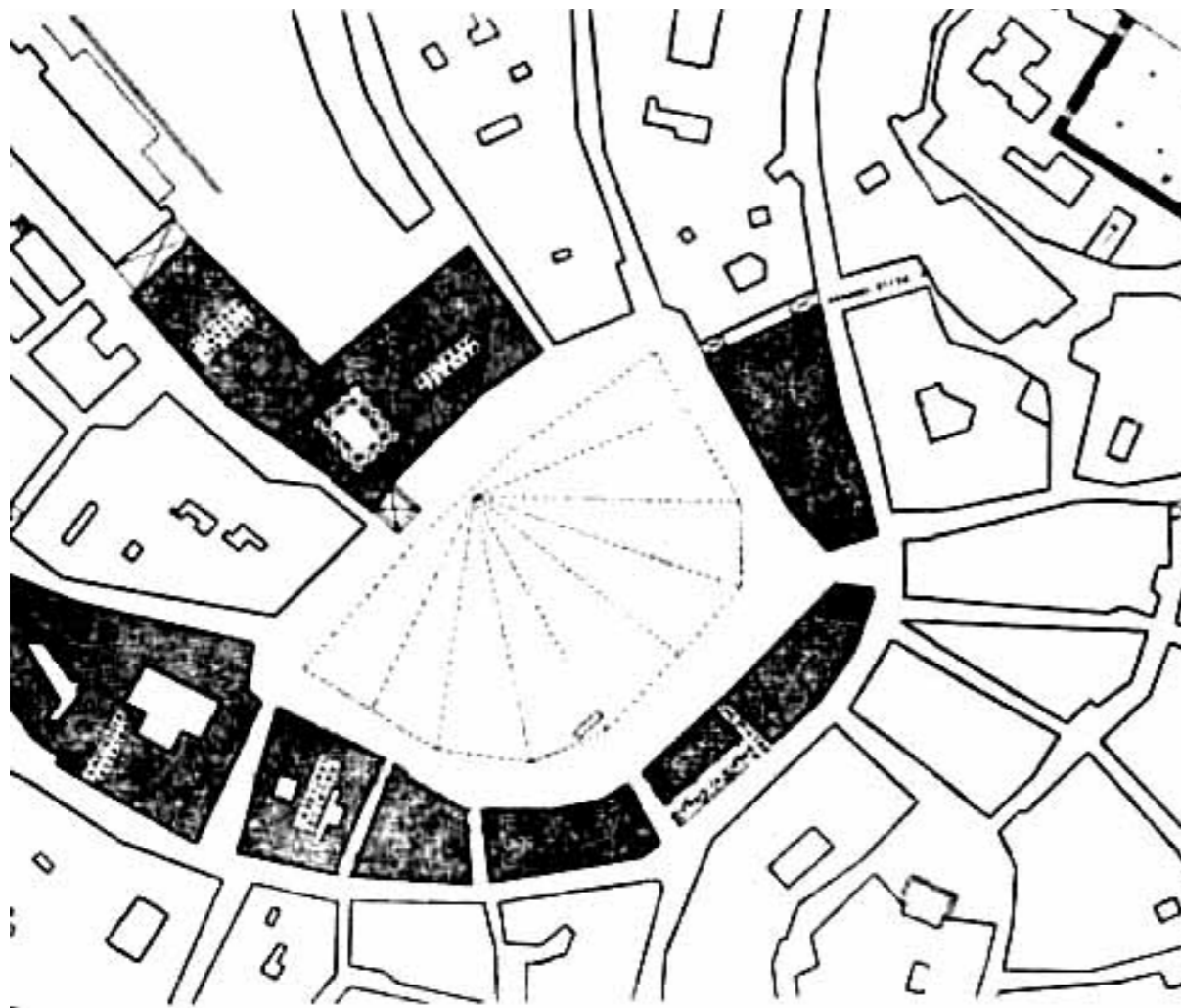


Belgium Parliament

## Cases Study

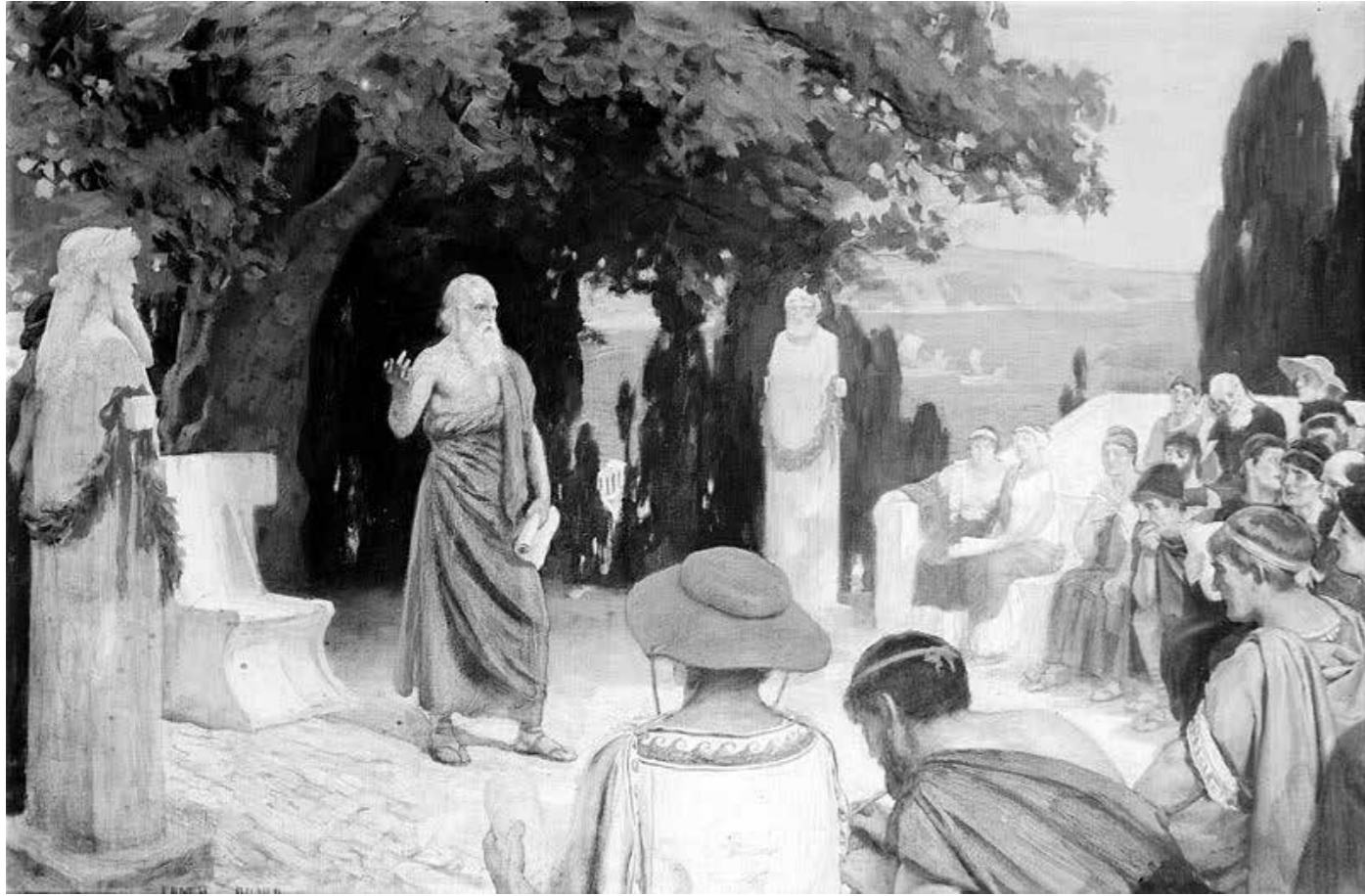


Agora in ancient Greek

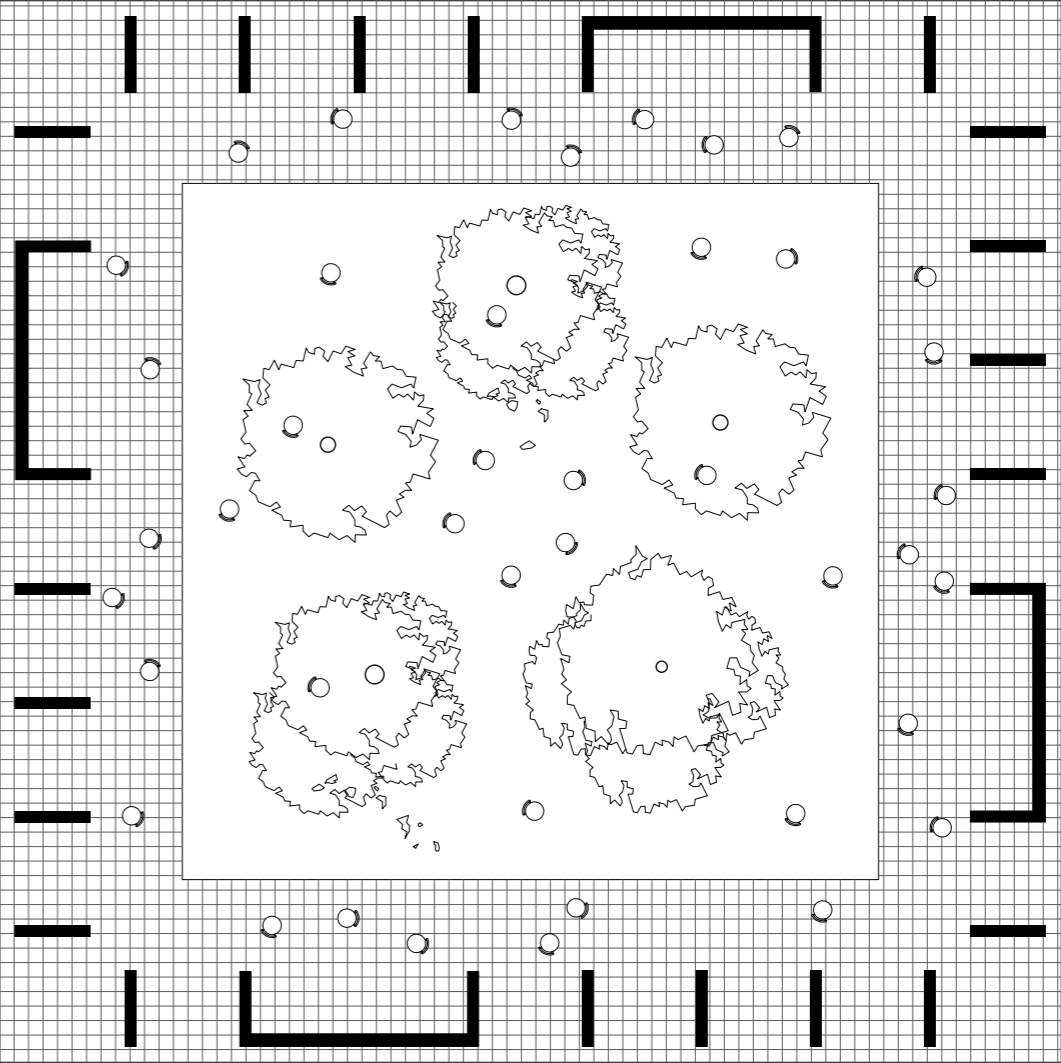
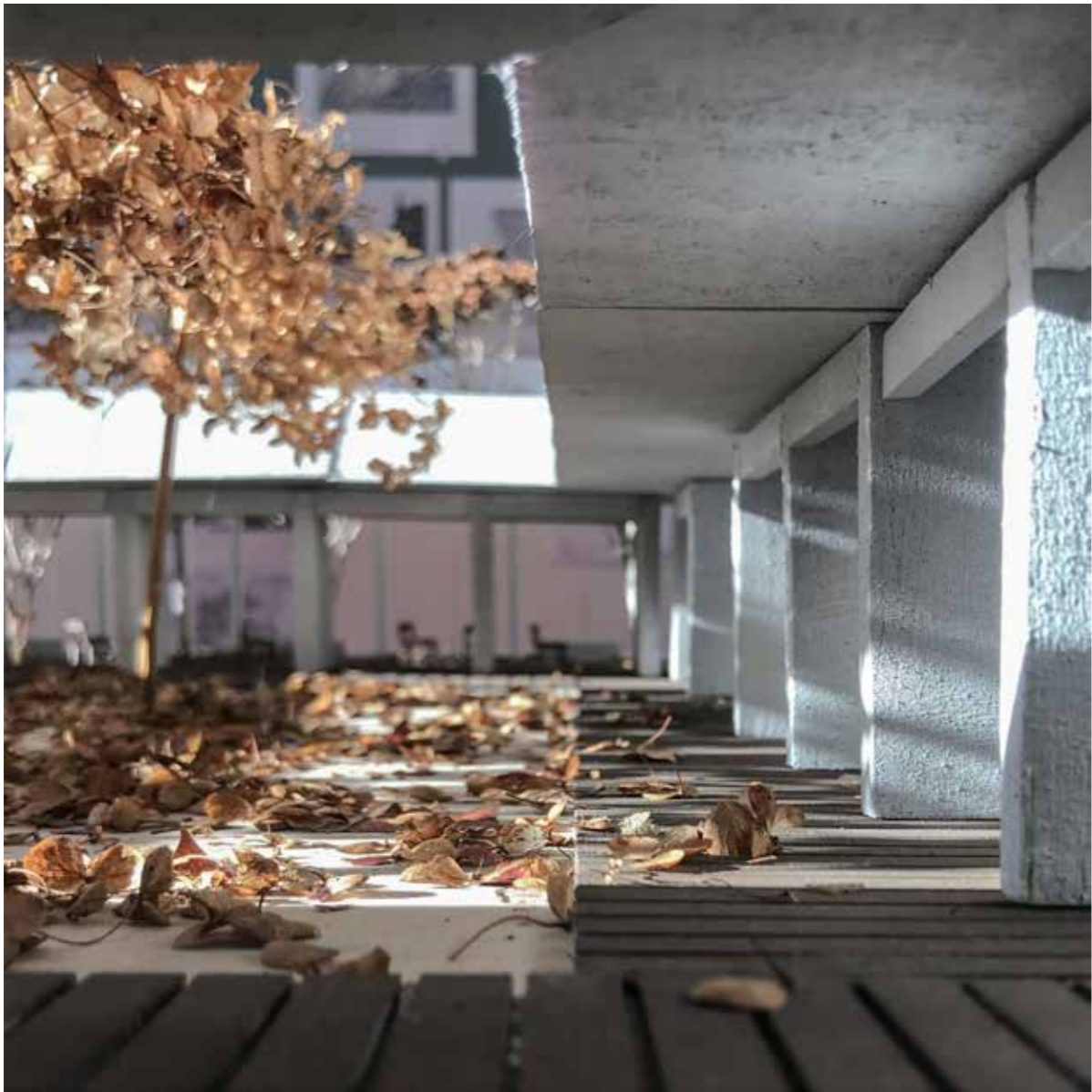


Central Square in Siena, Italy

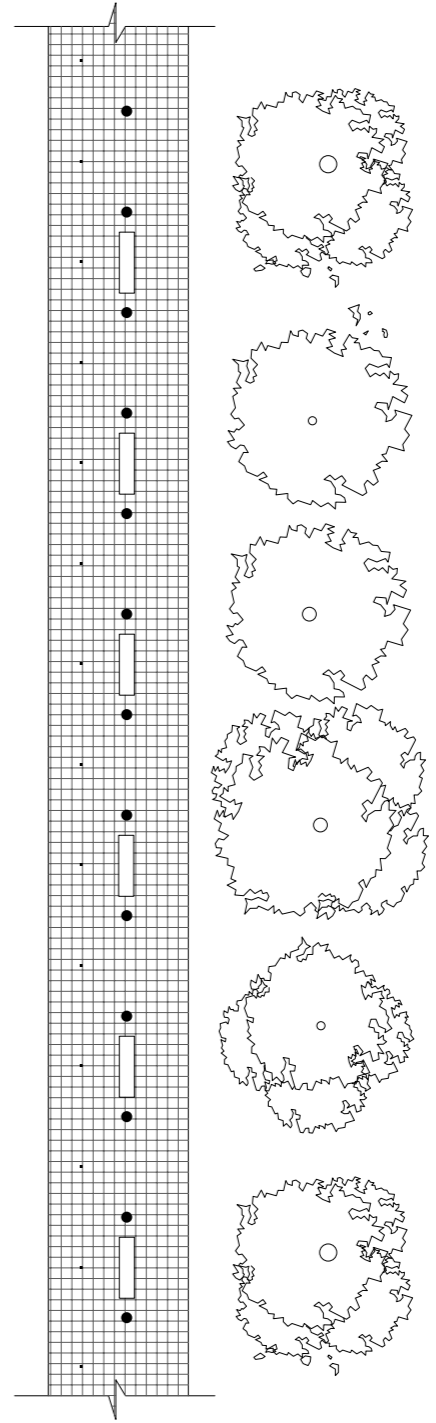
## 2. Political Space Design and Axonometric Drawing





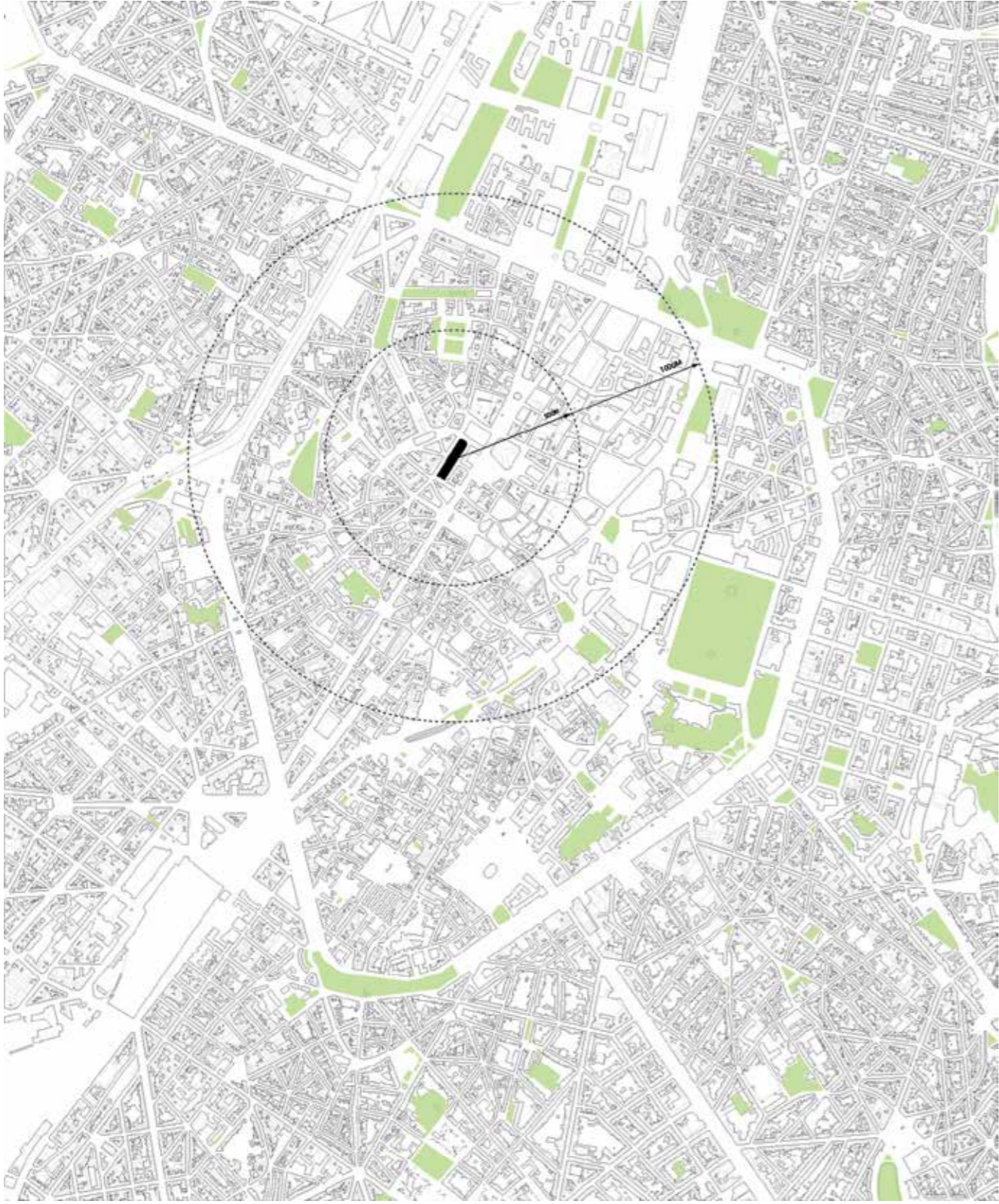












## Problems

"Insufficient public Space"

"Broken Urban Fabric"

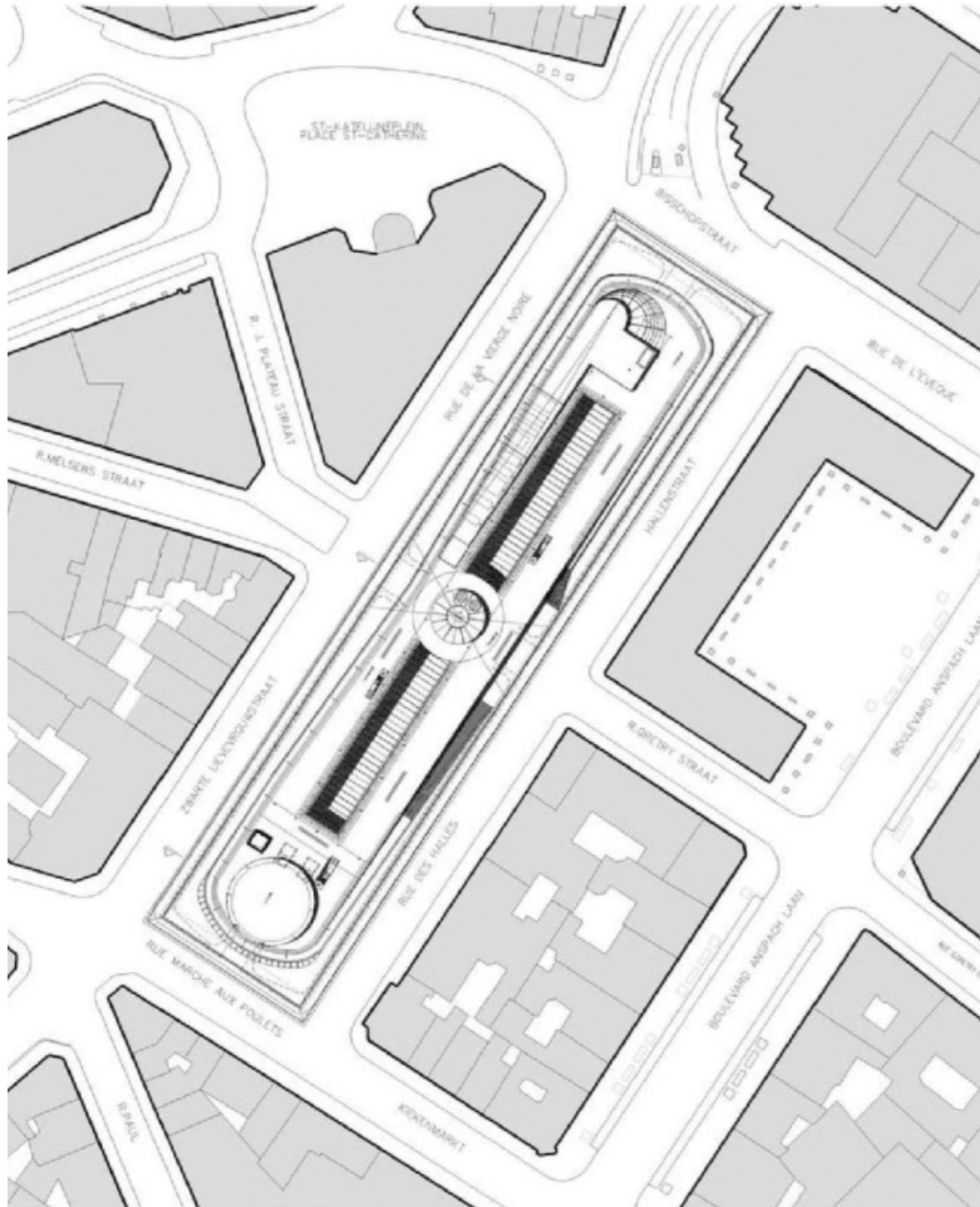
## Starting Points

"Square"

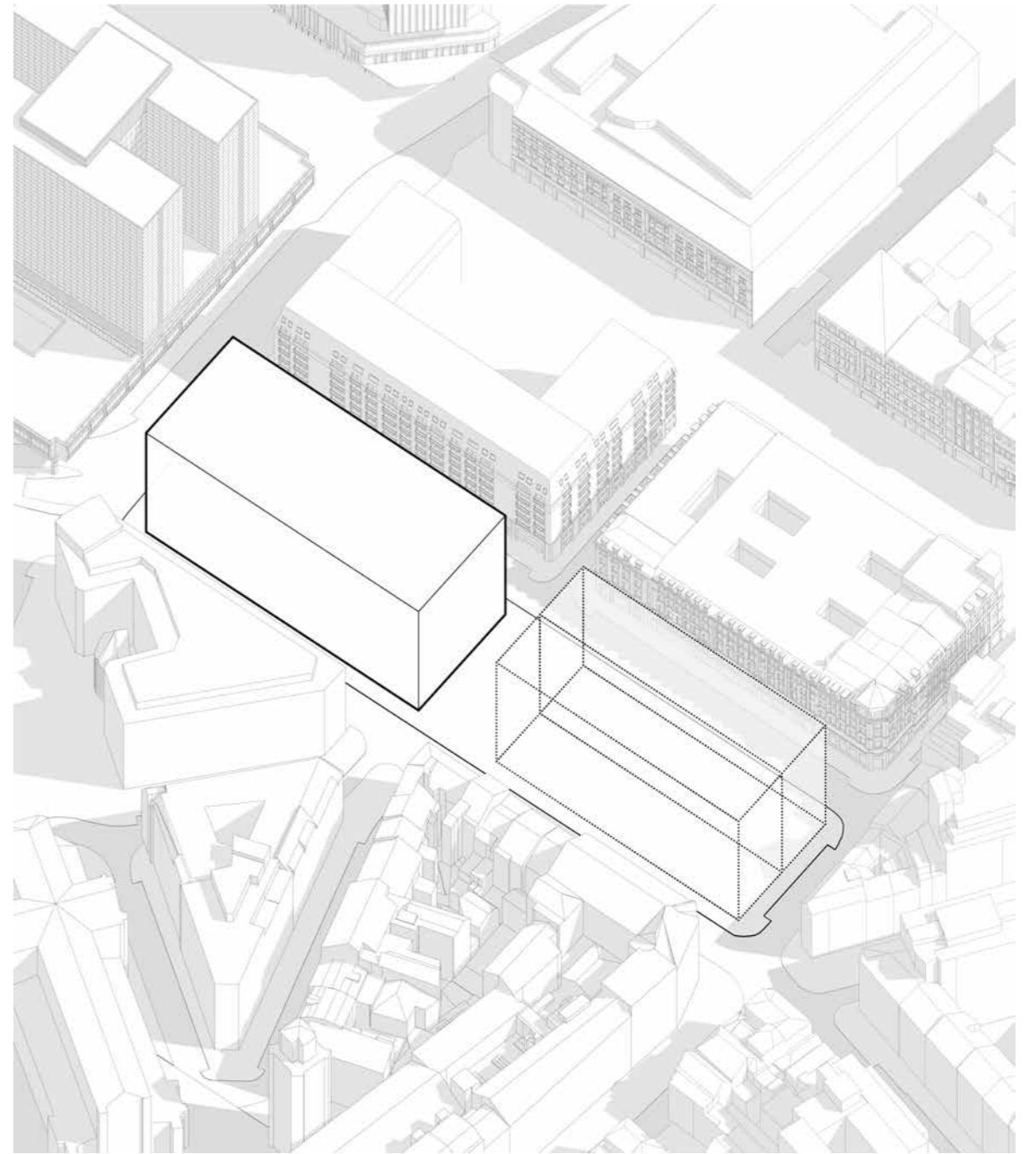
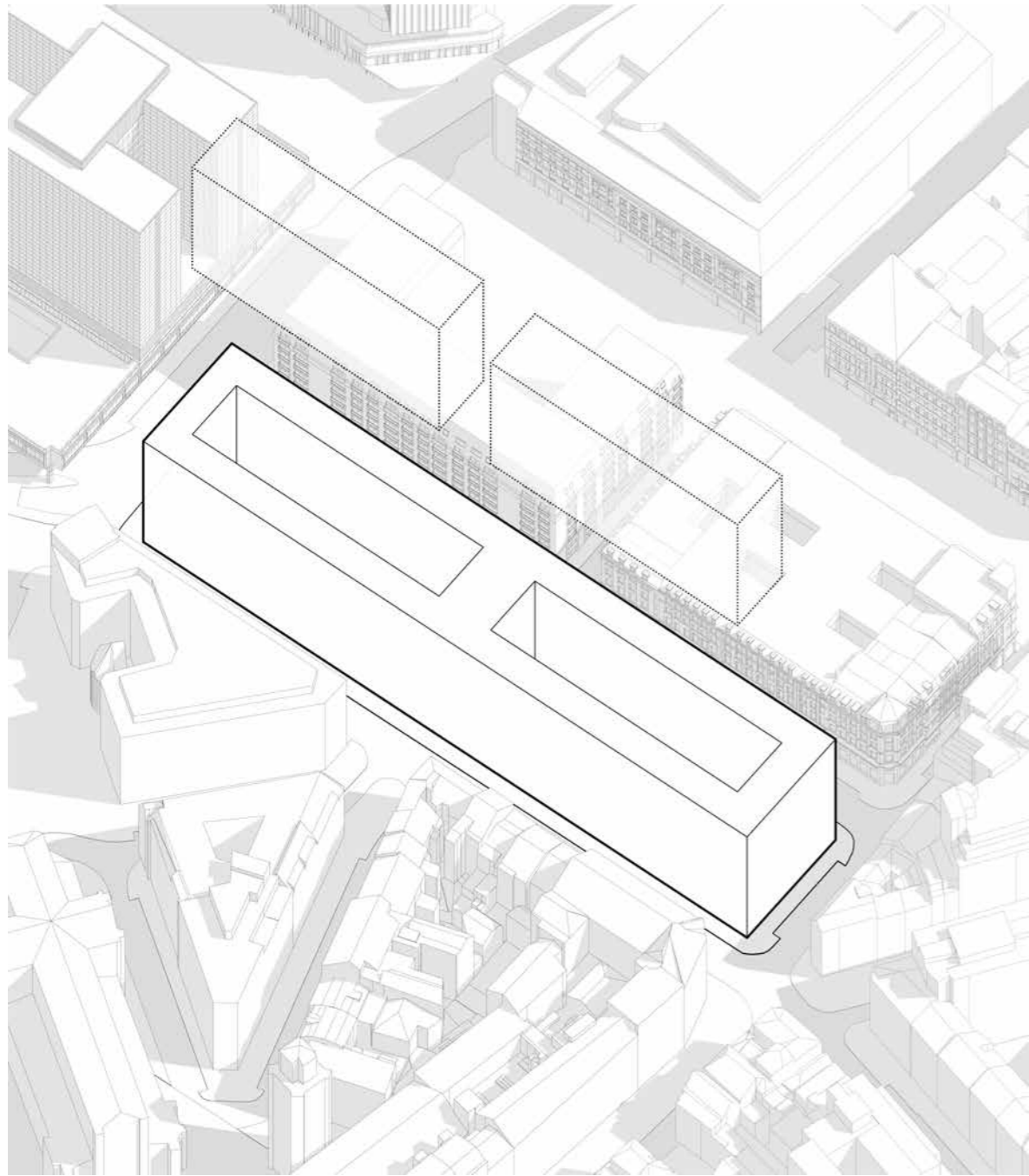
"Nature"

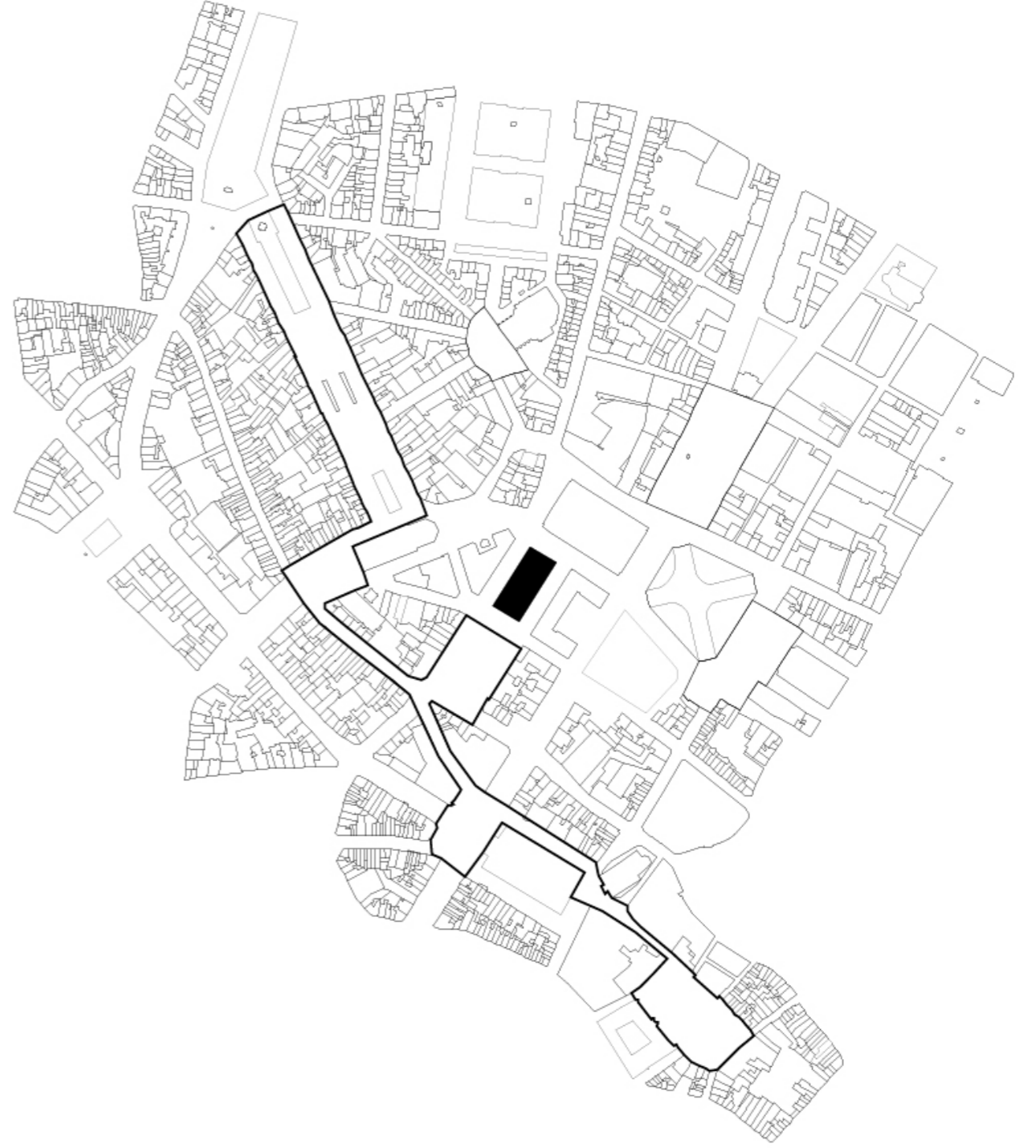
City Hall

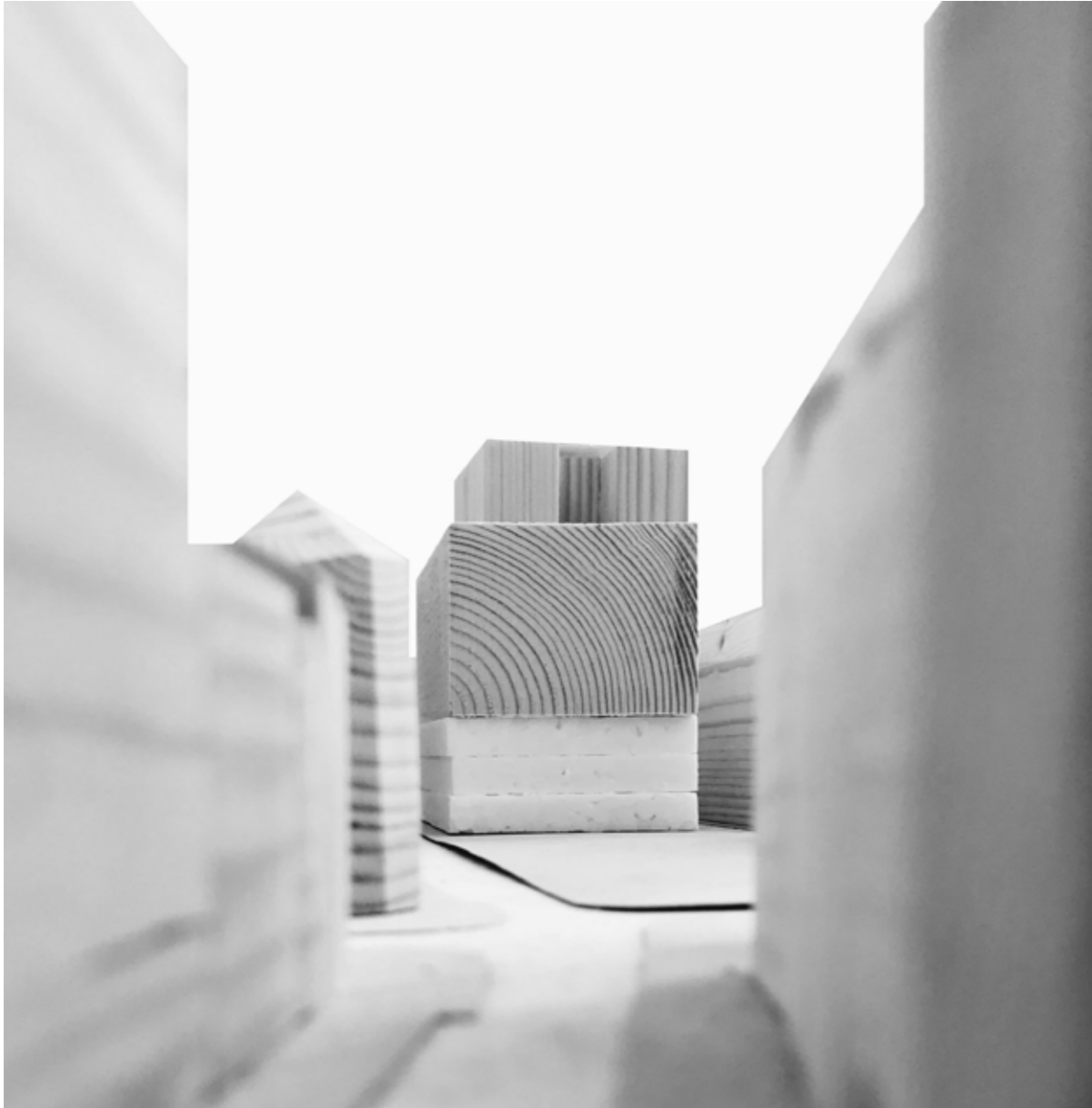


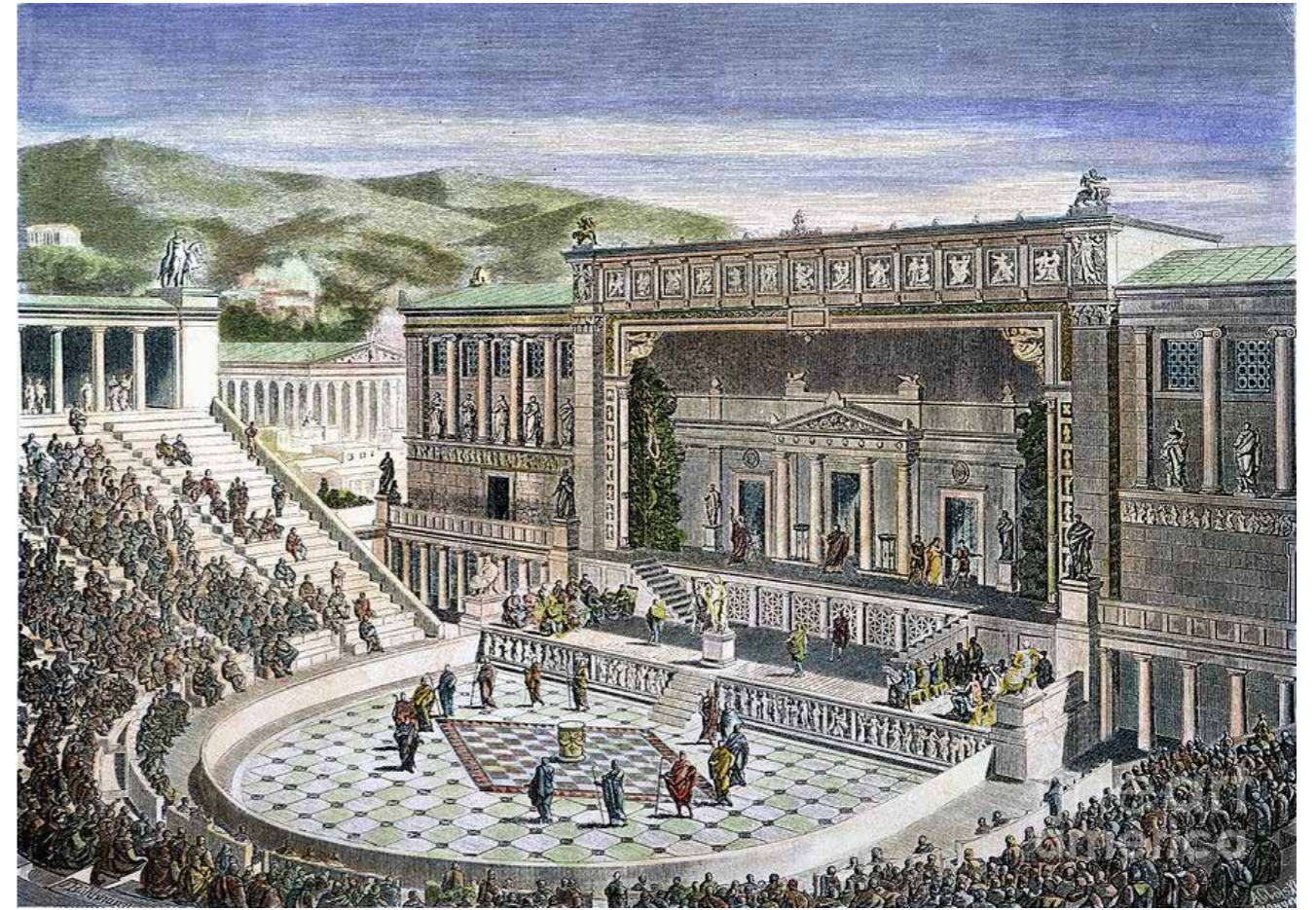
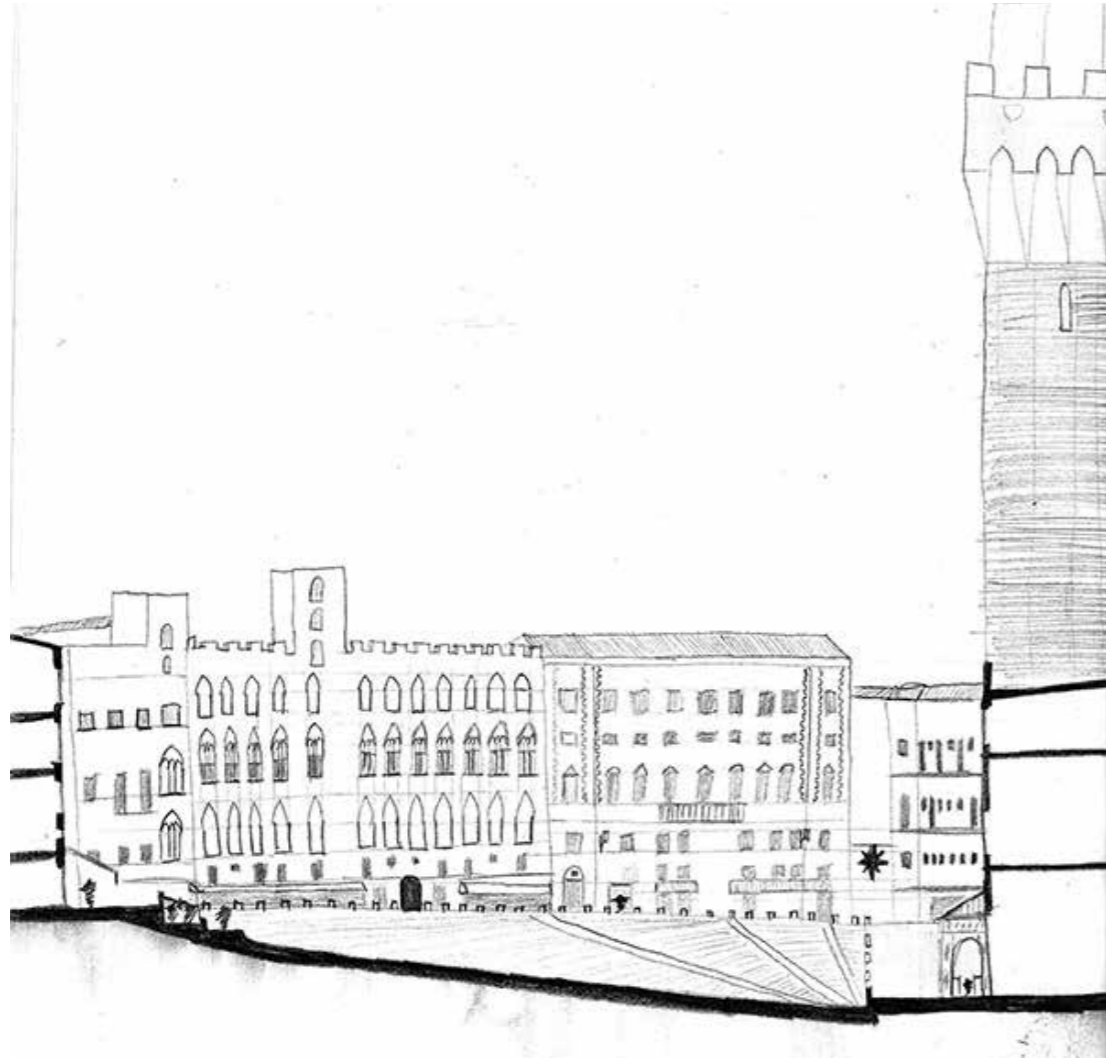


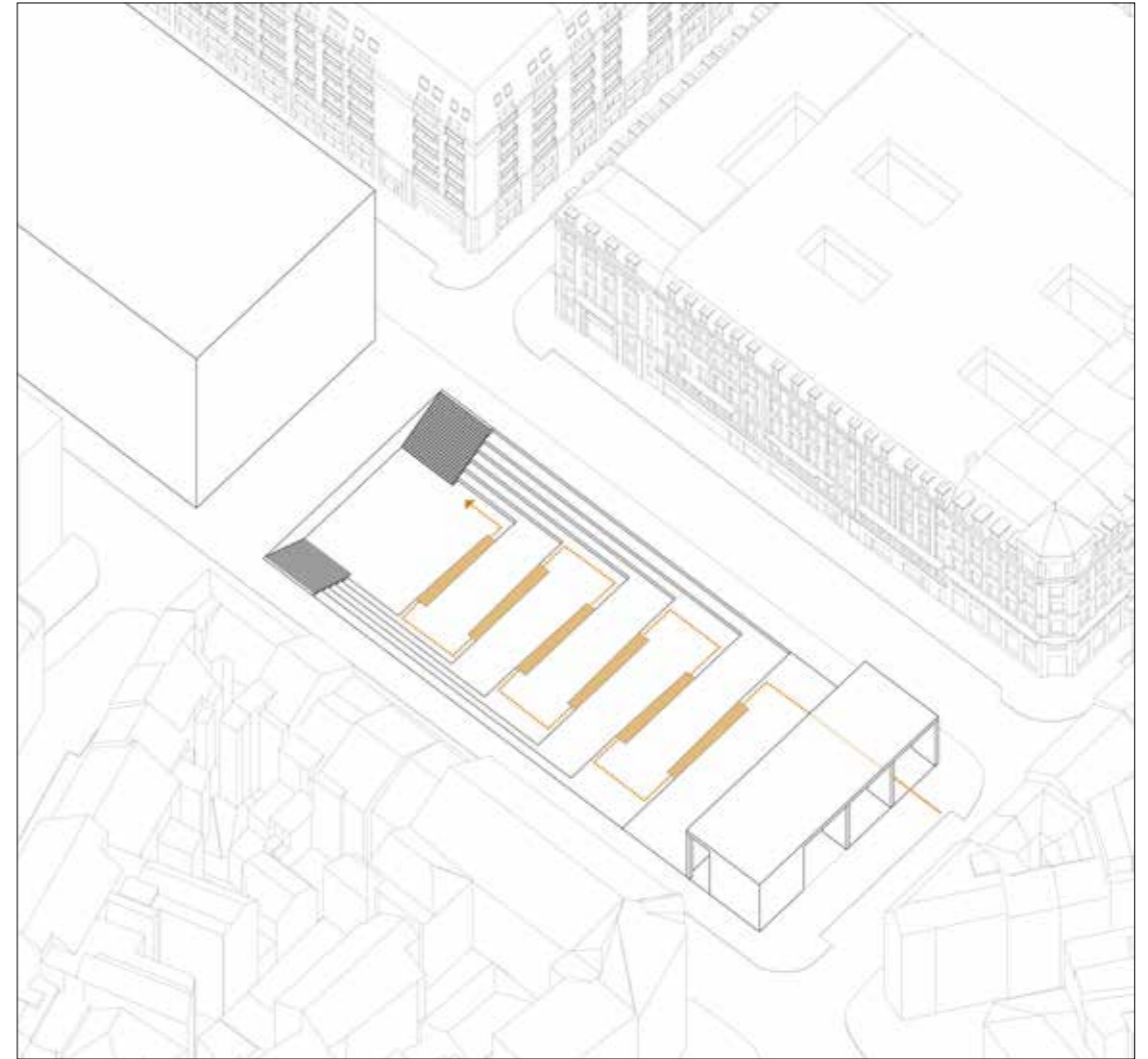
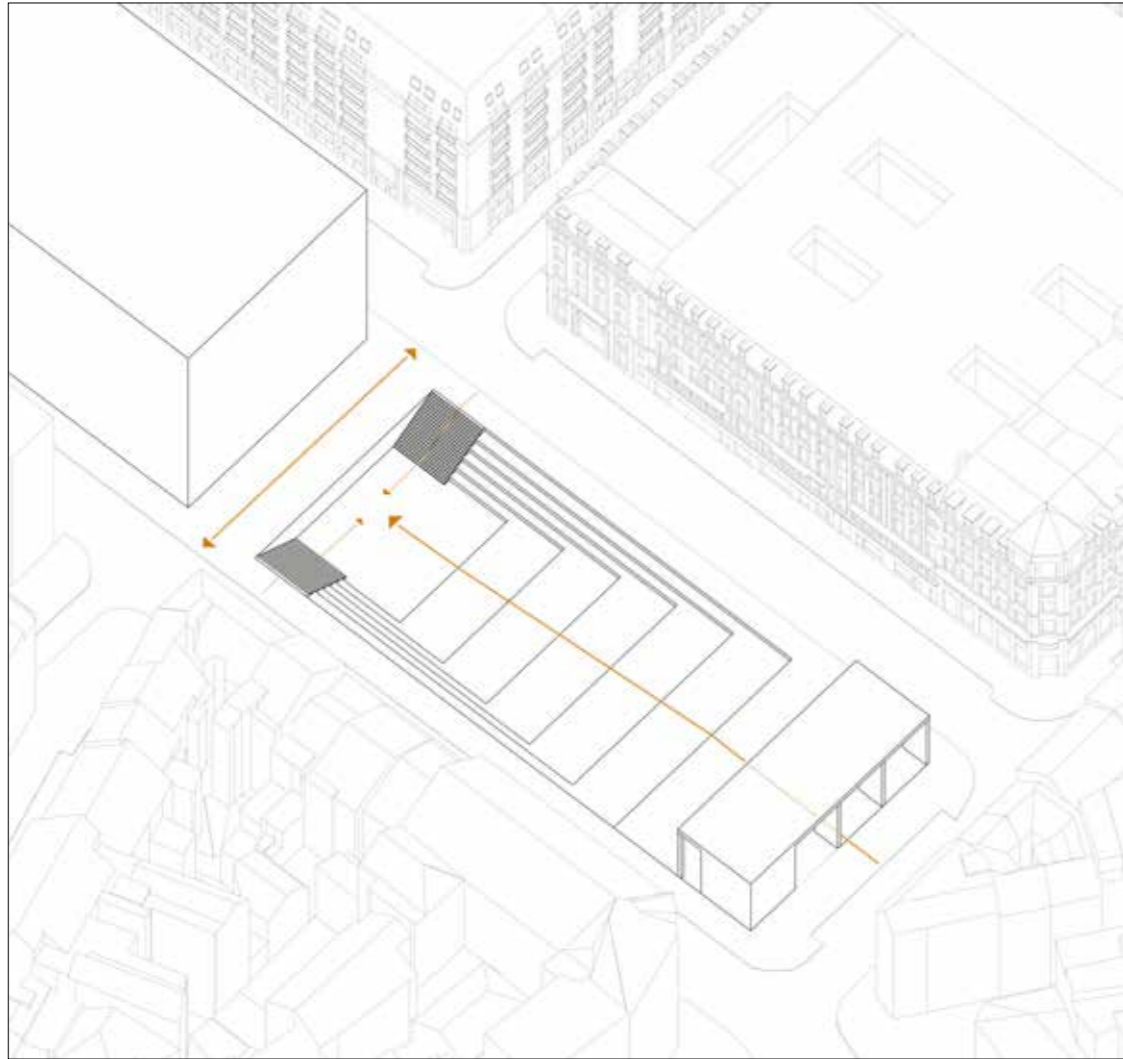
Brucity

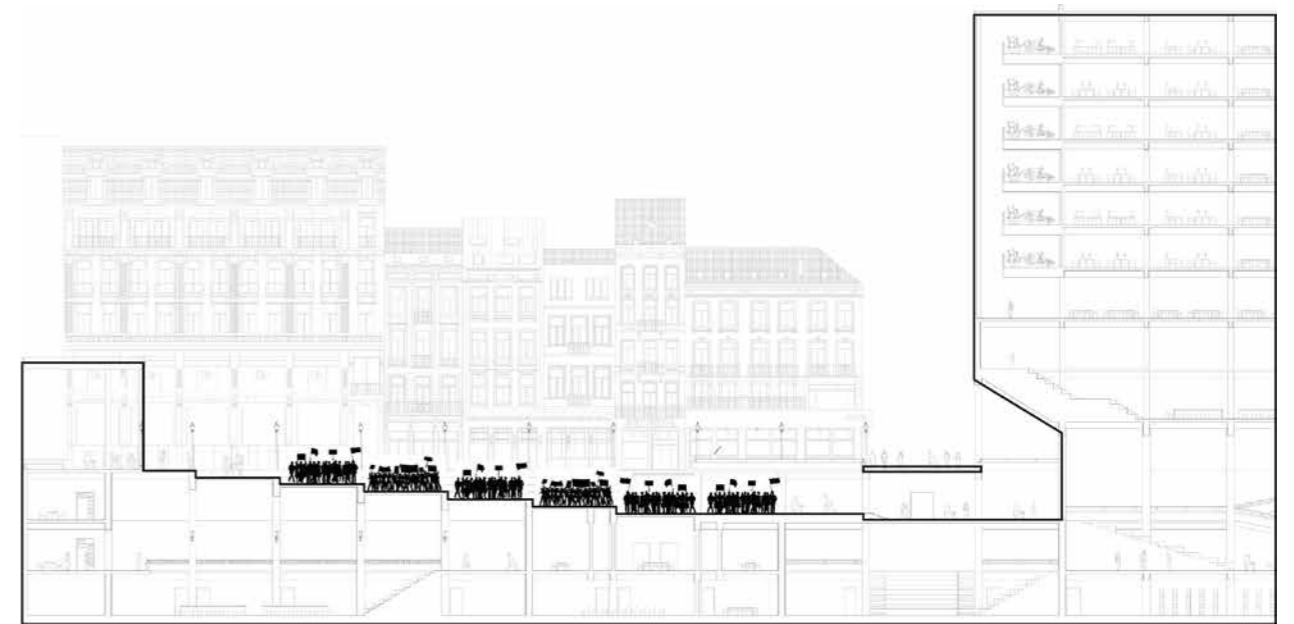
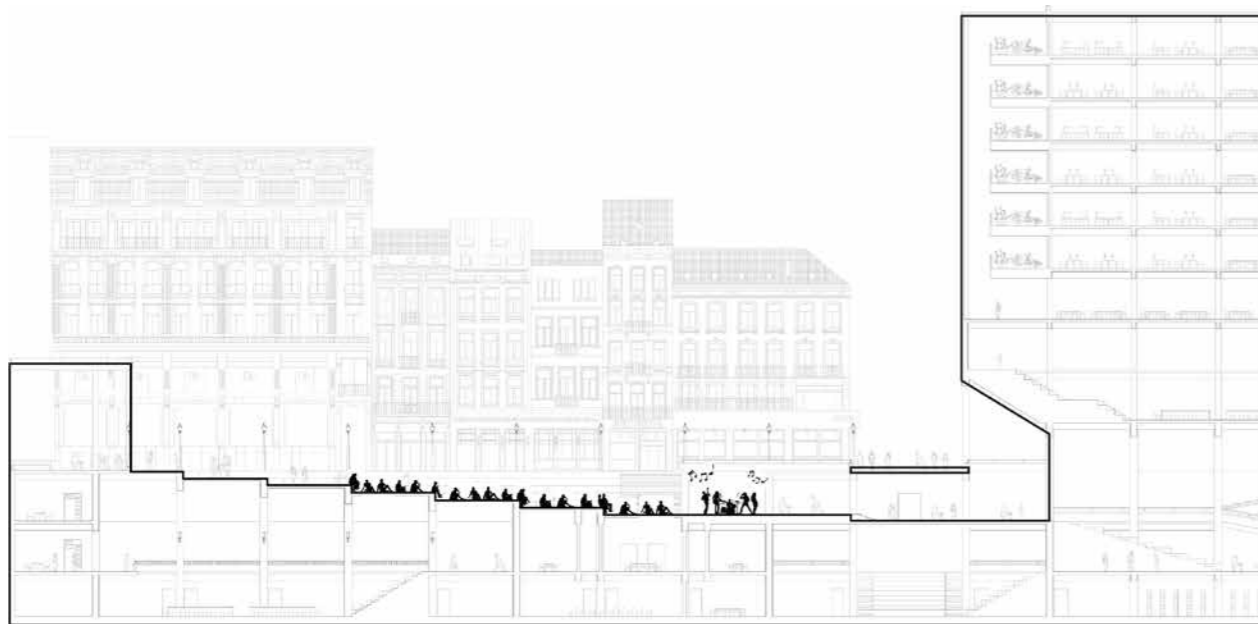
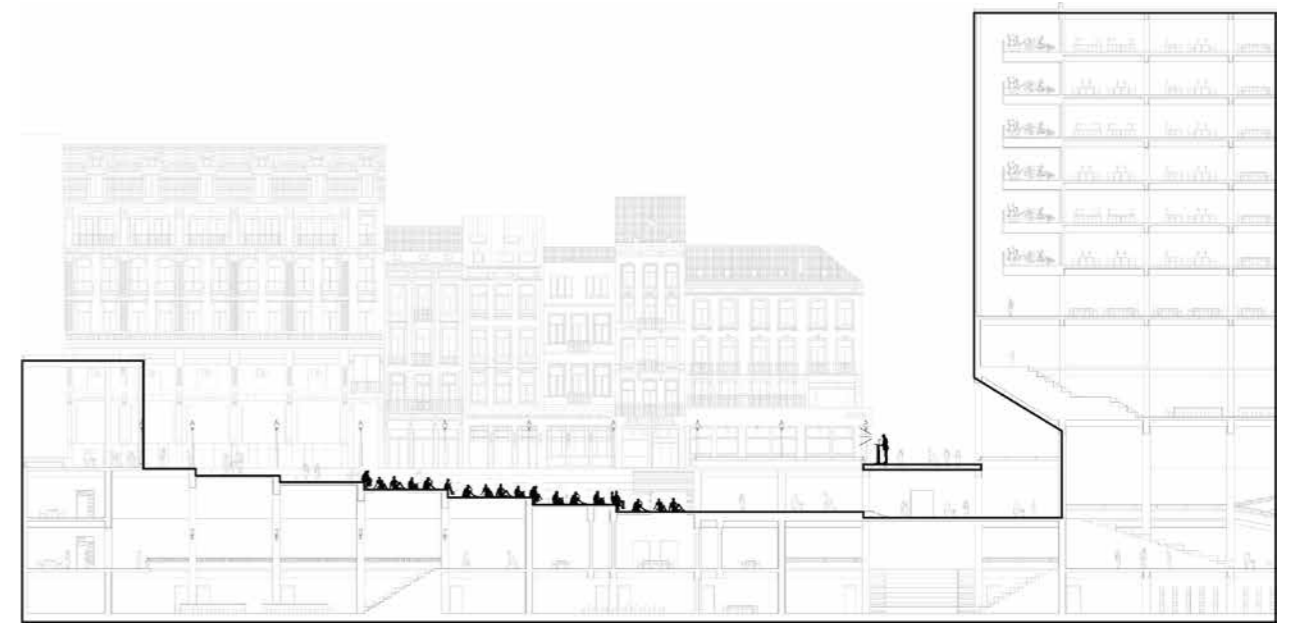
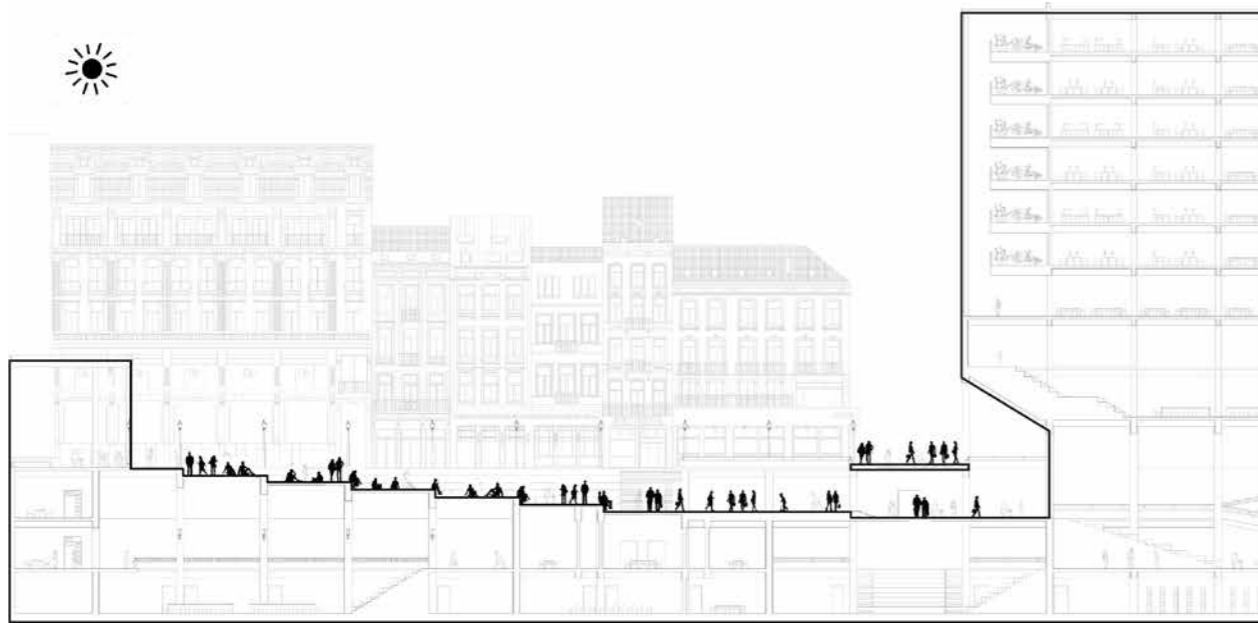


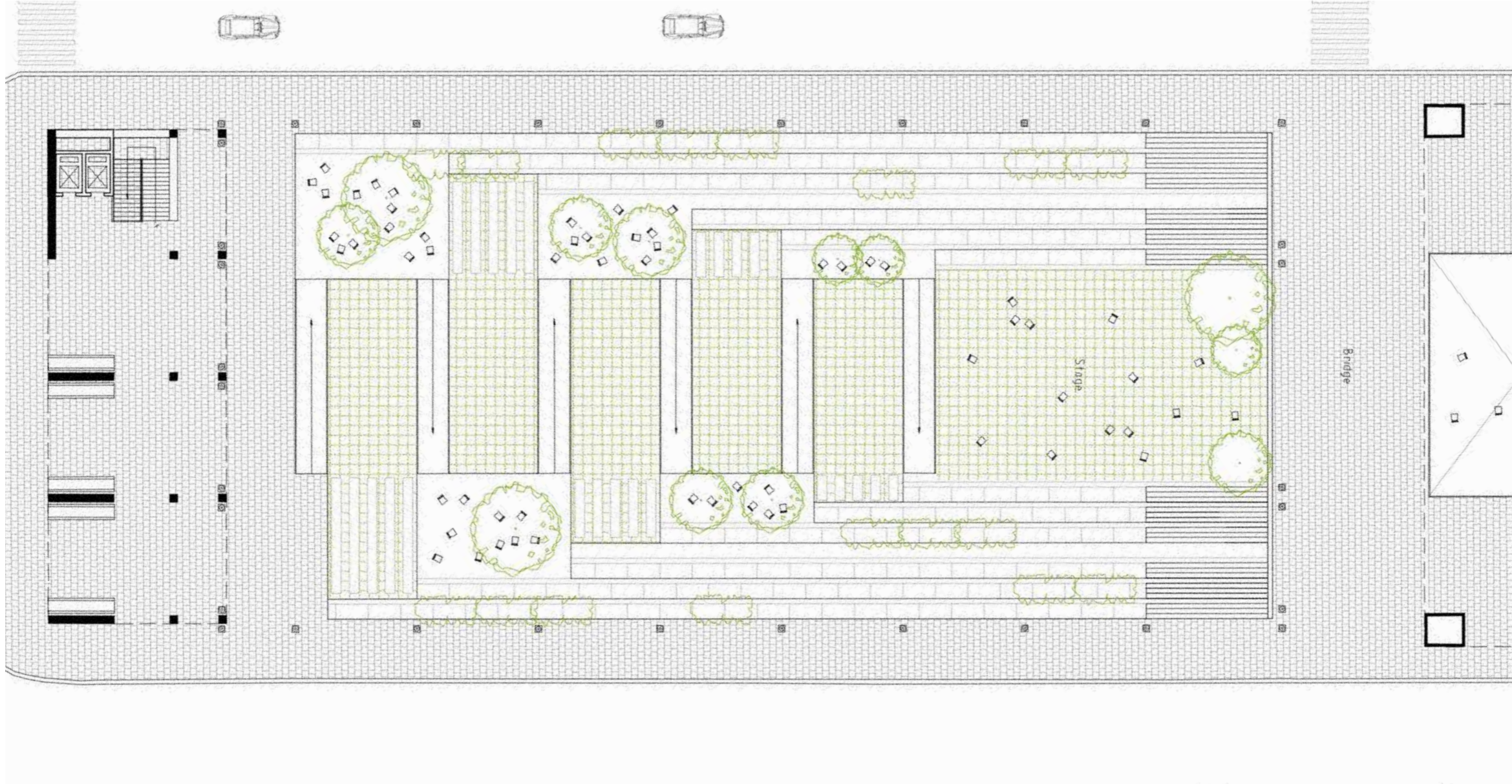




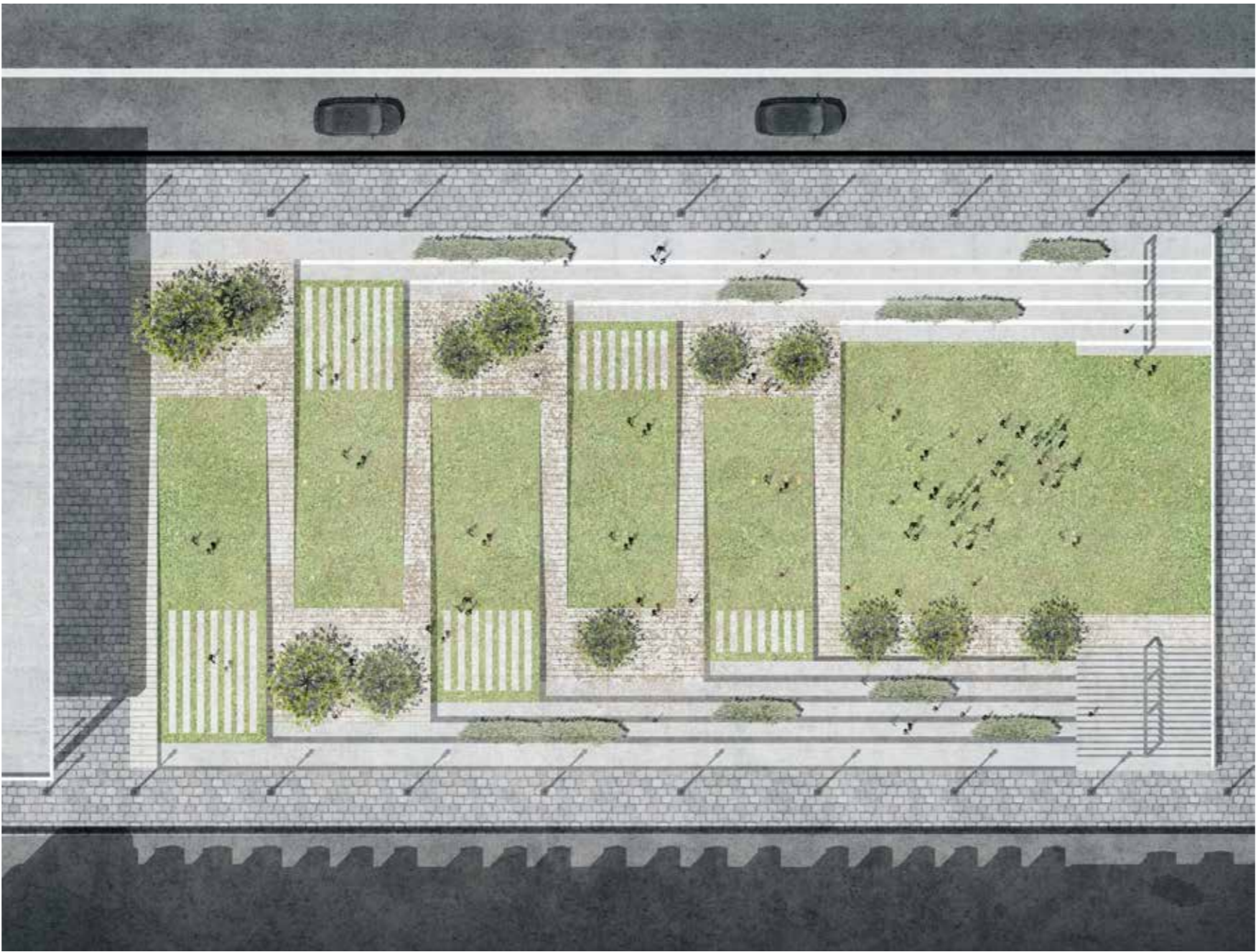










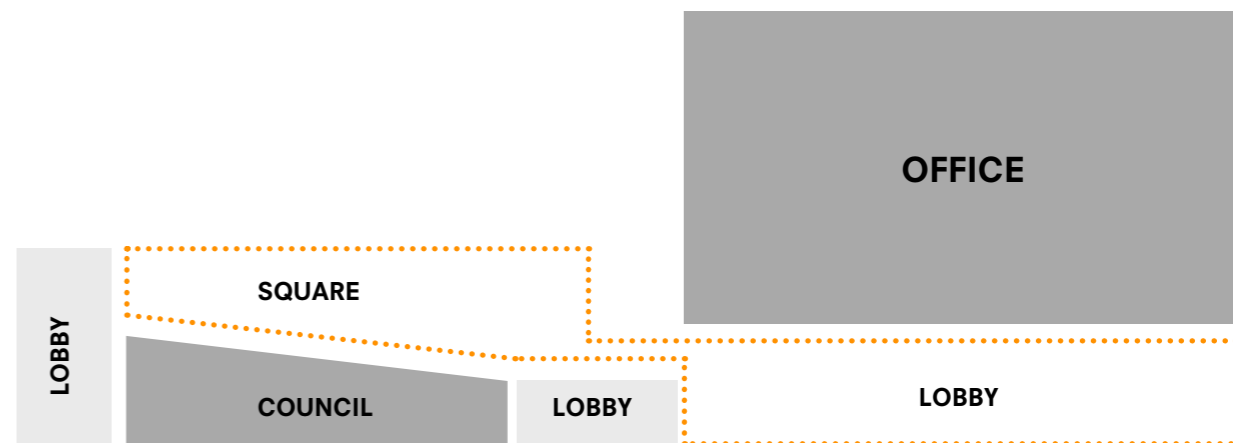
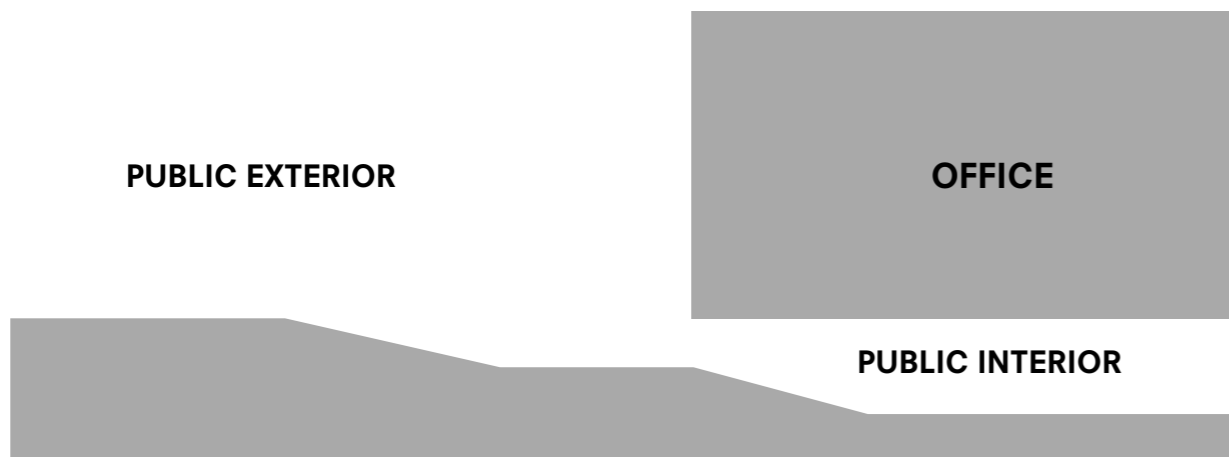


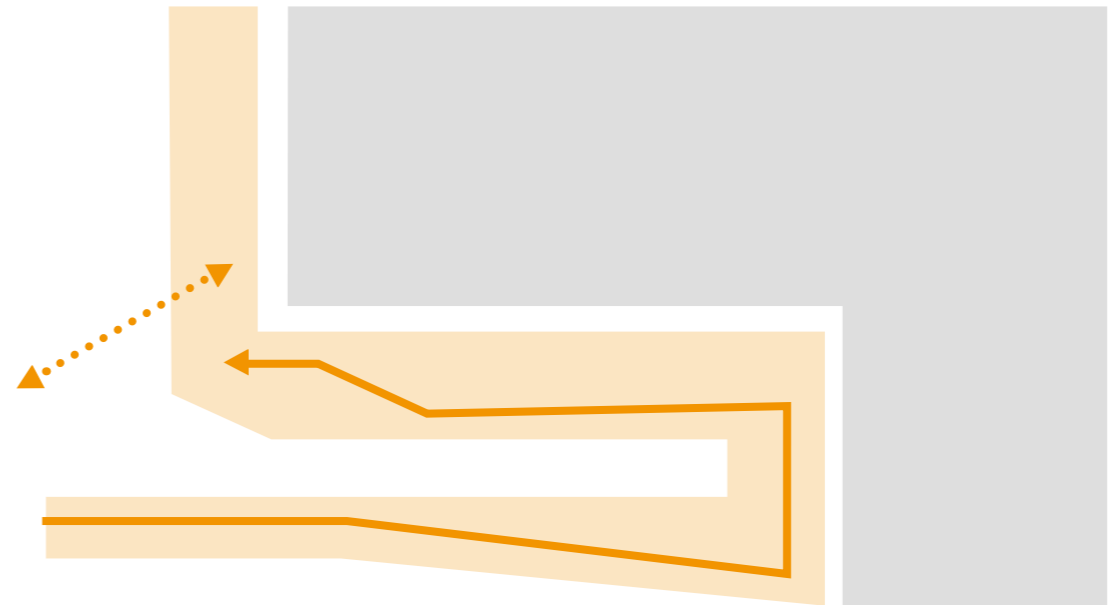
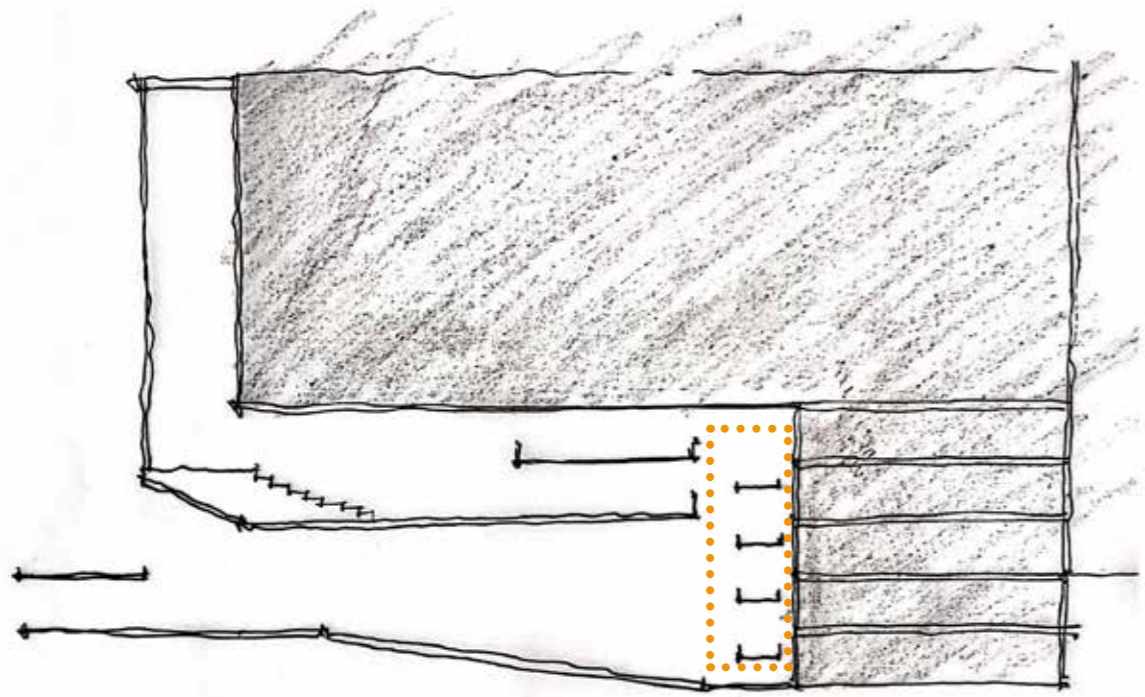


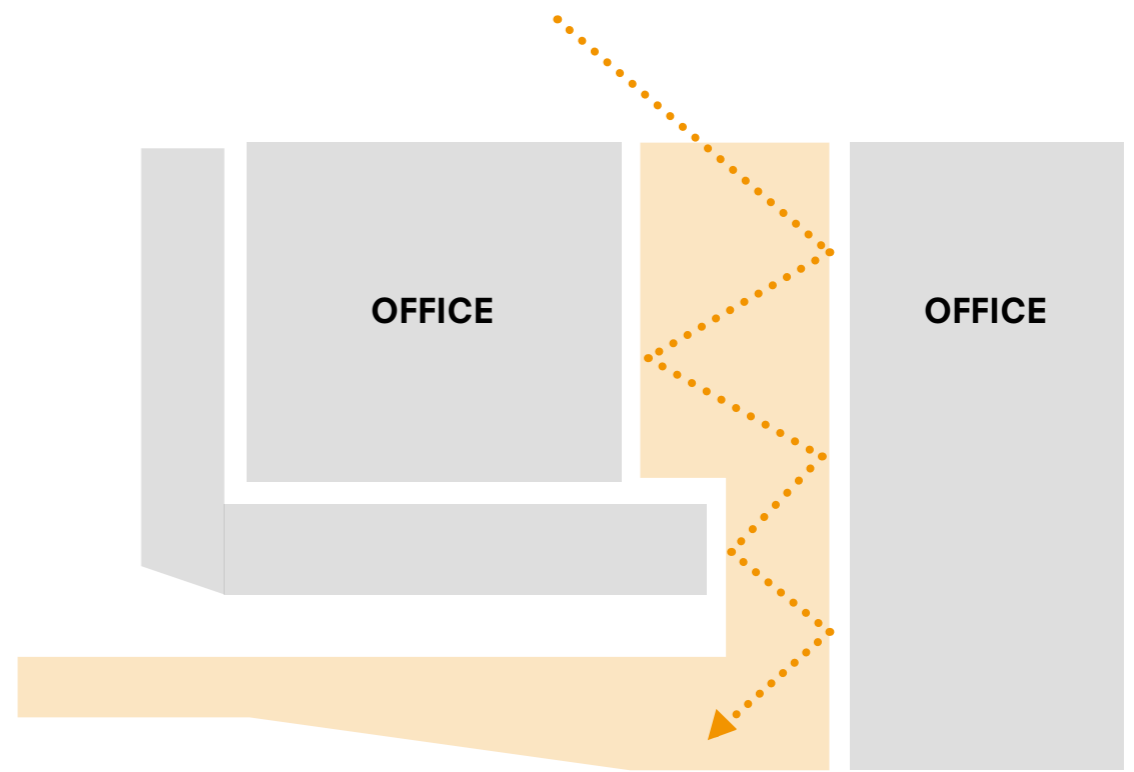
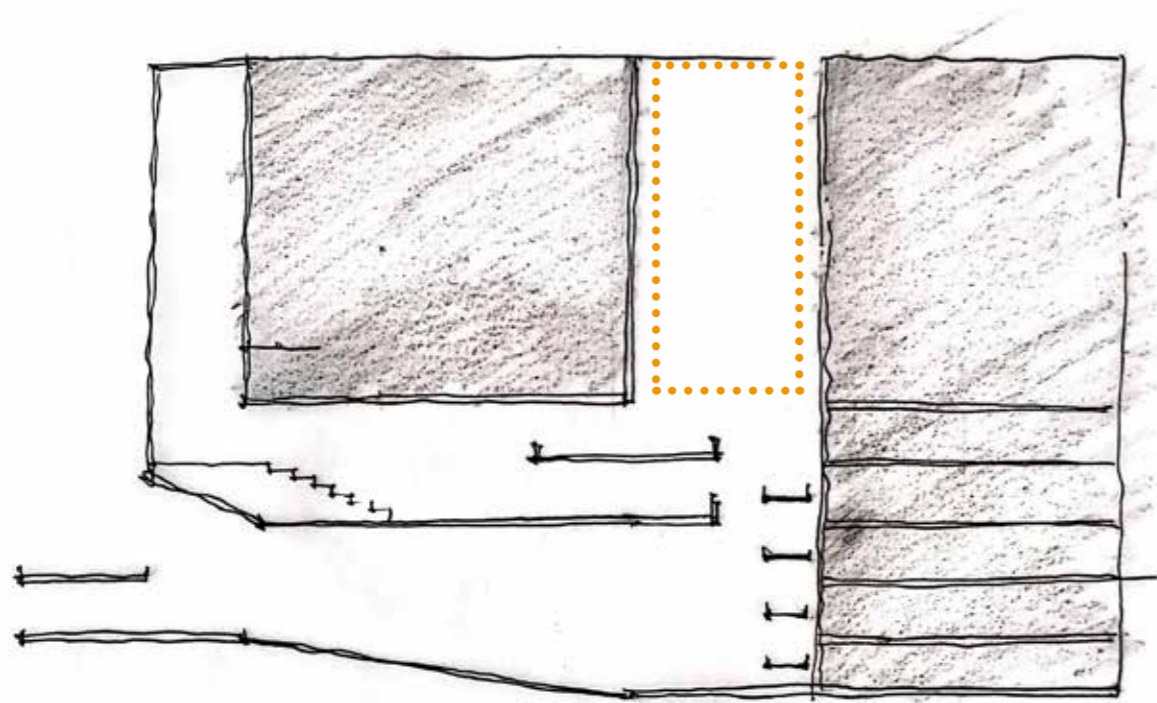




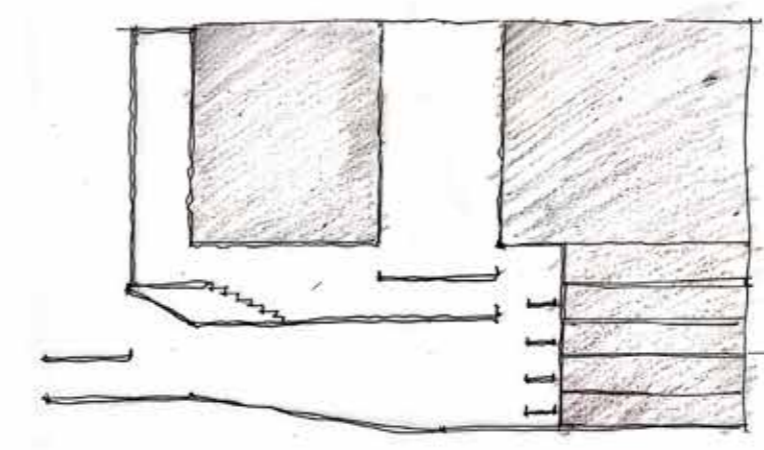
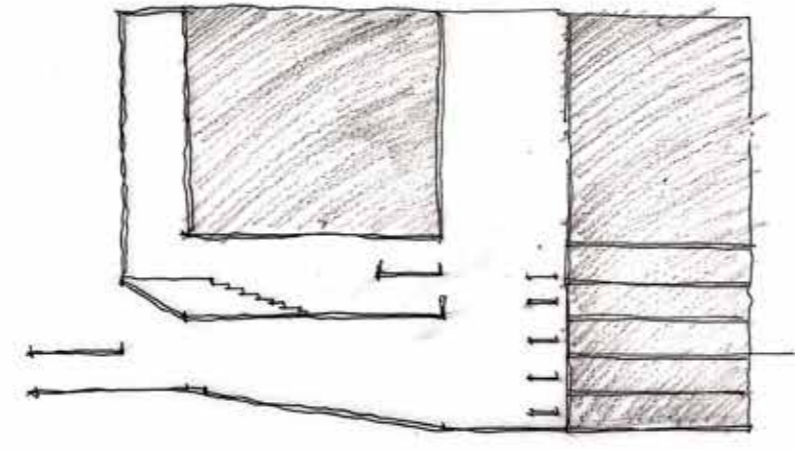
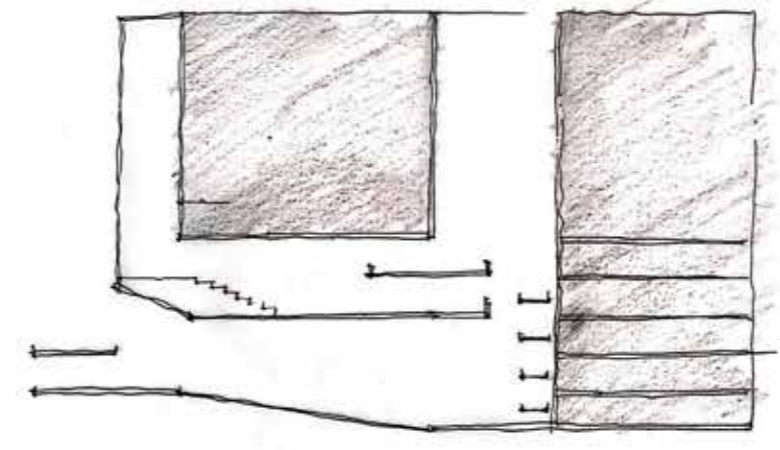
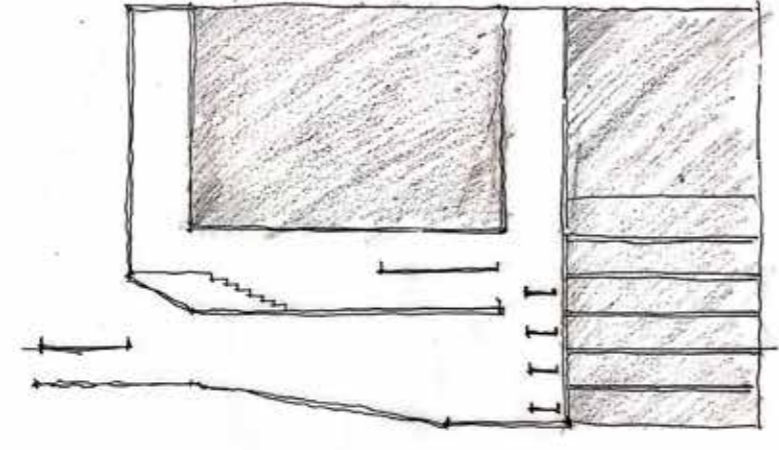
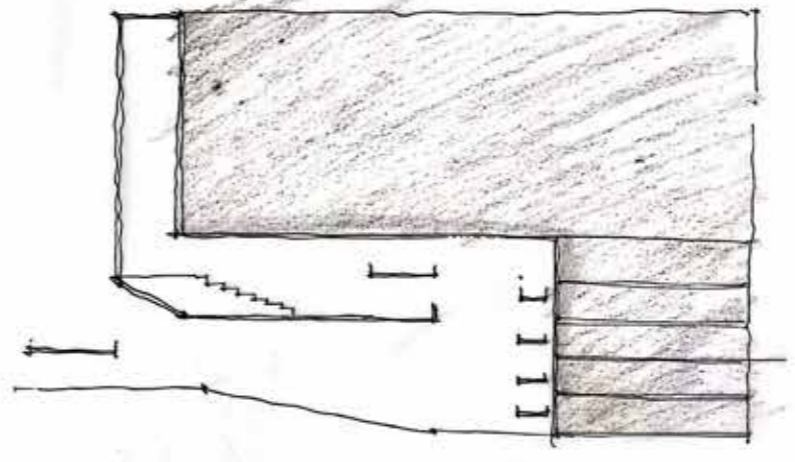
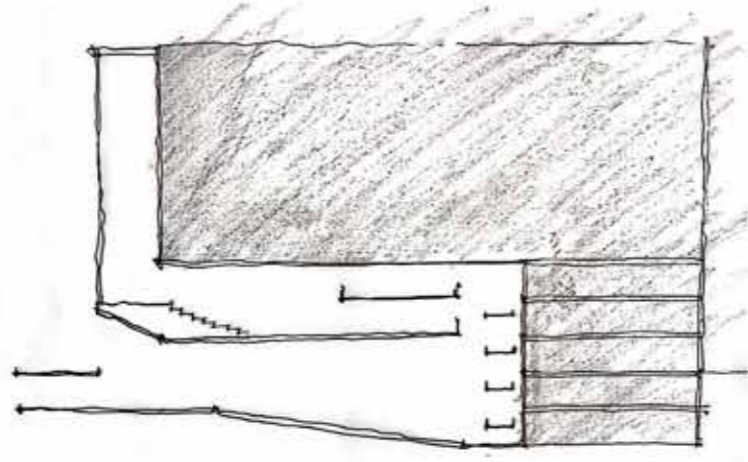
Section

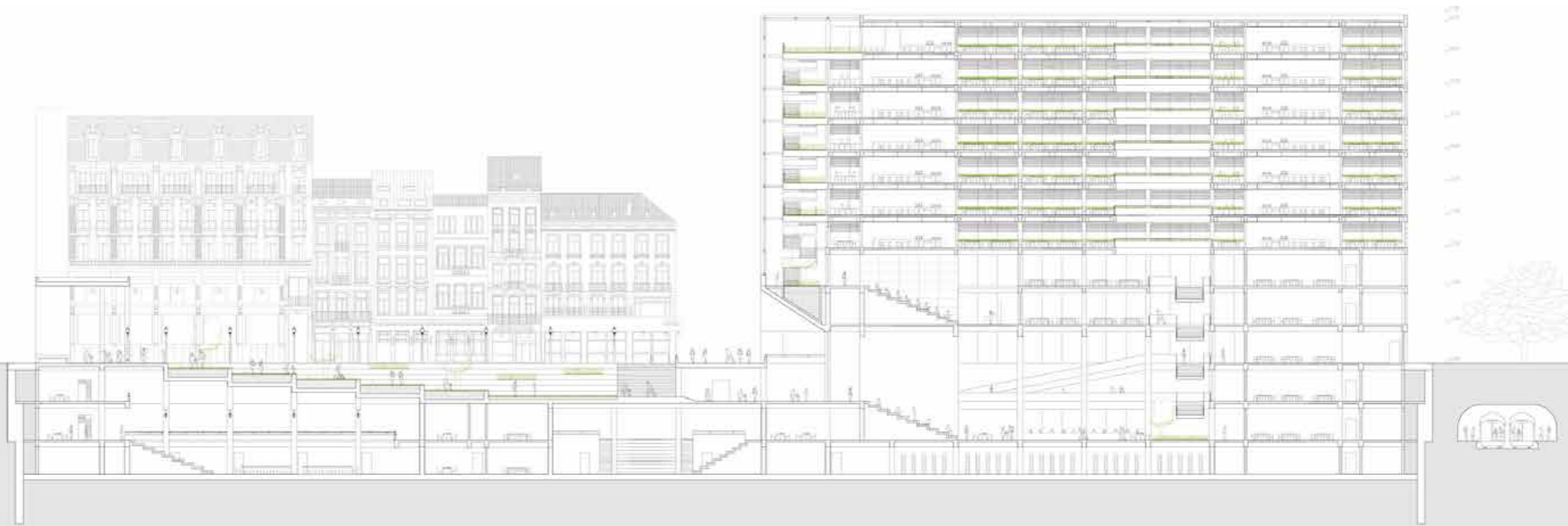
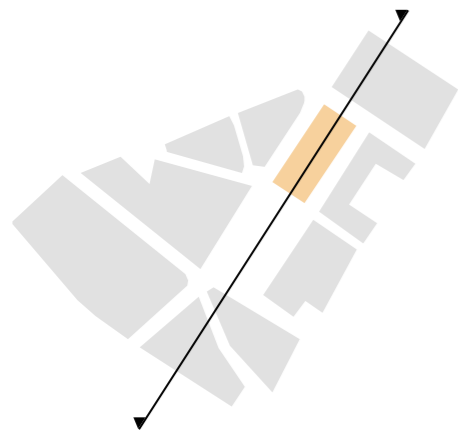




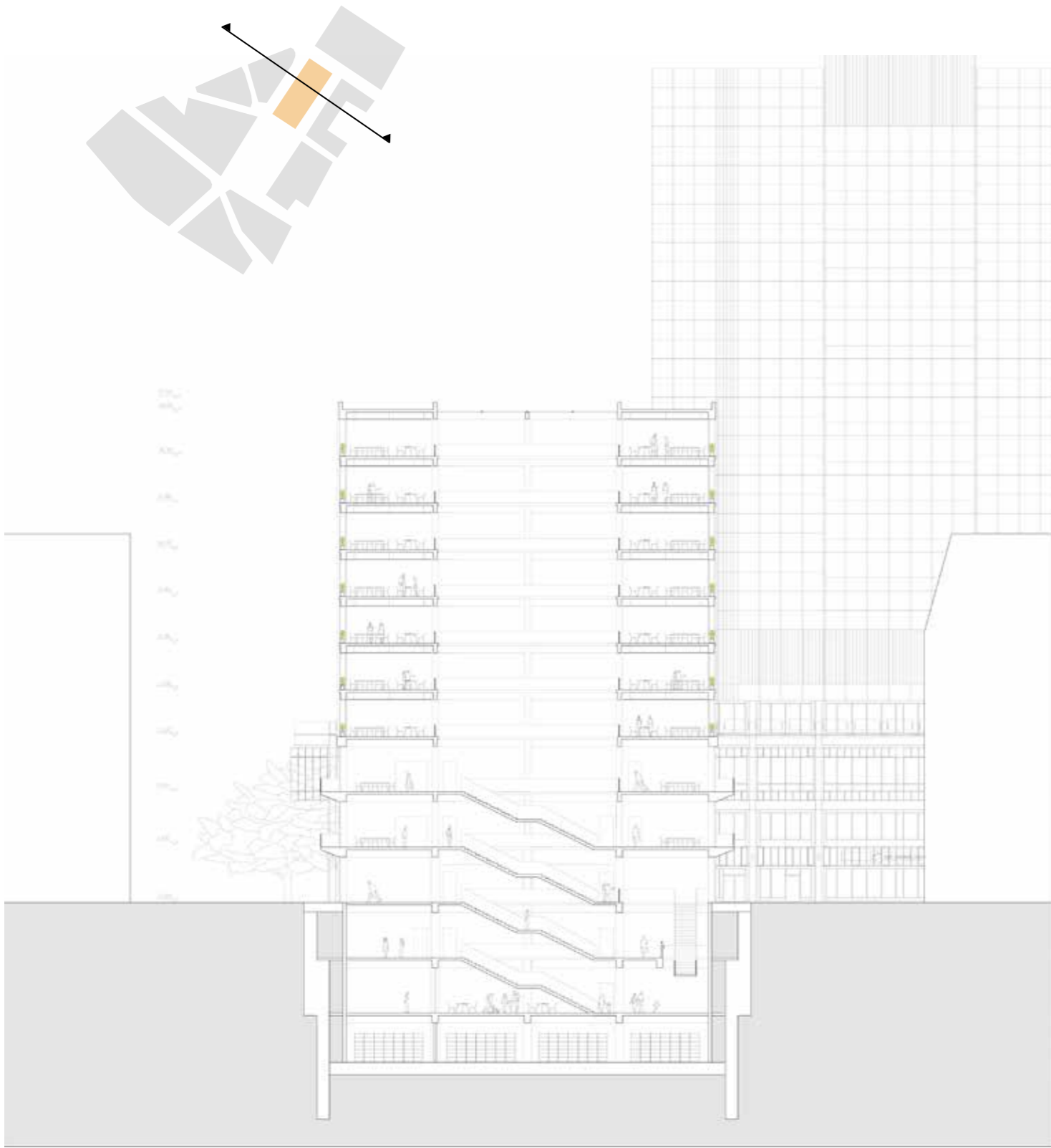




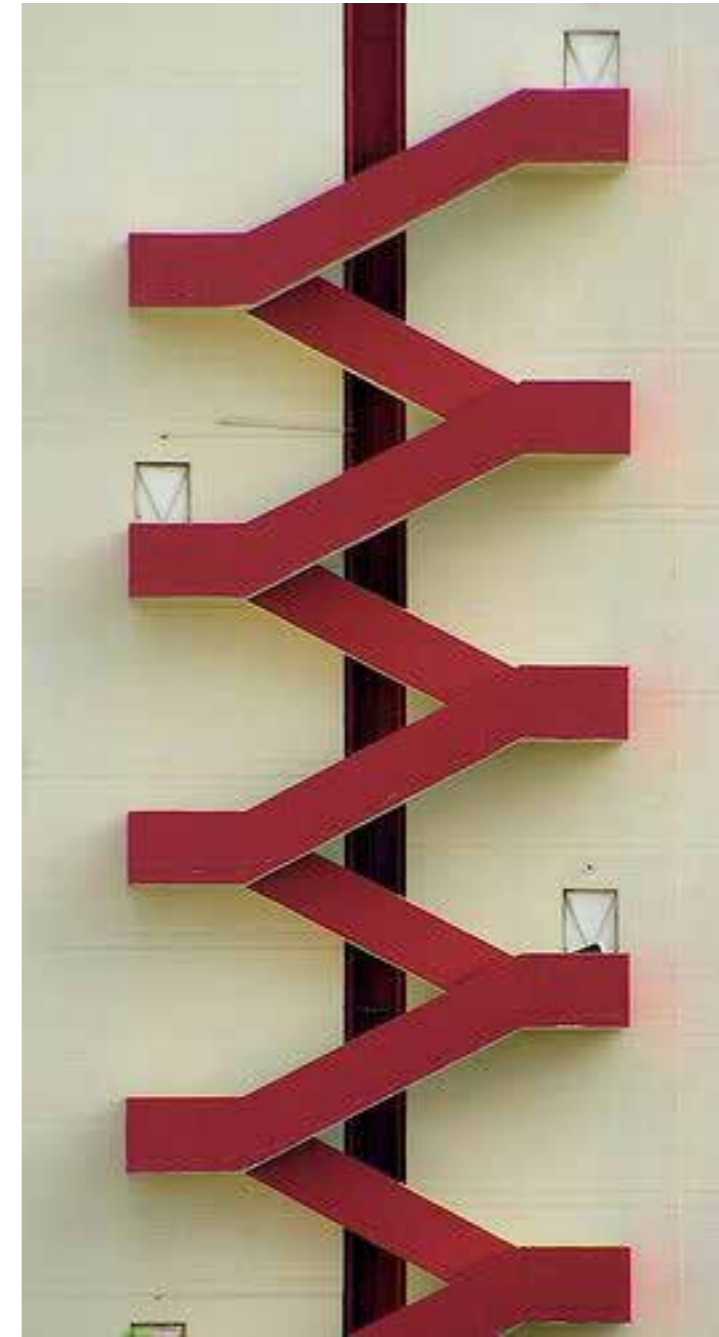


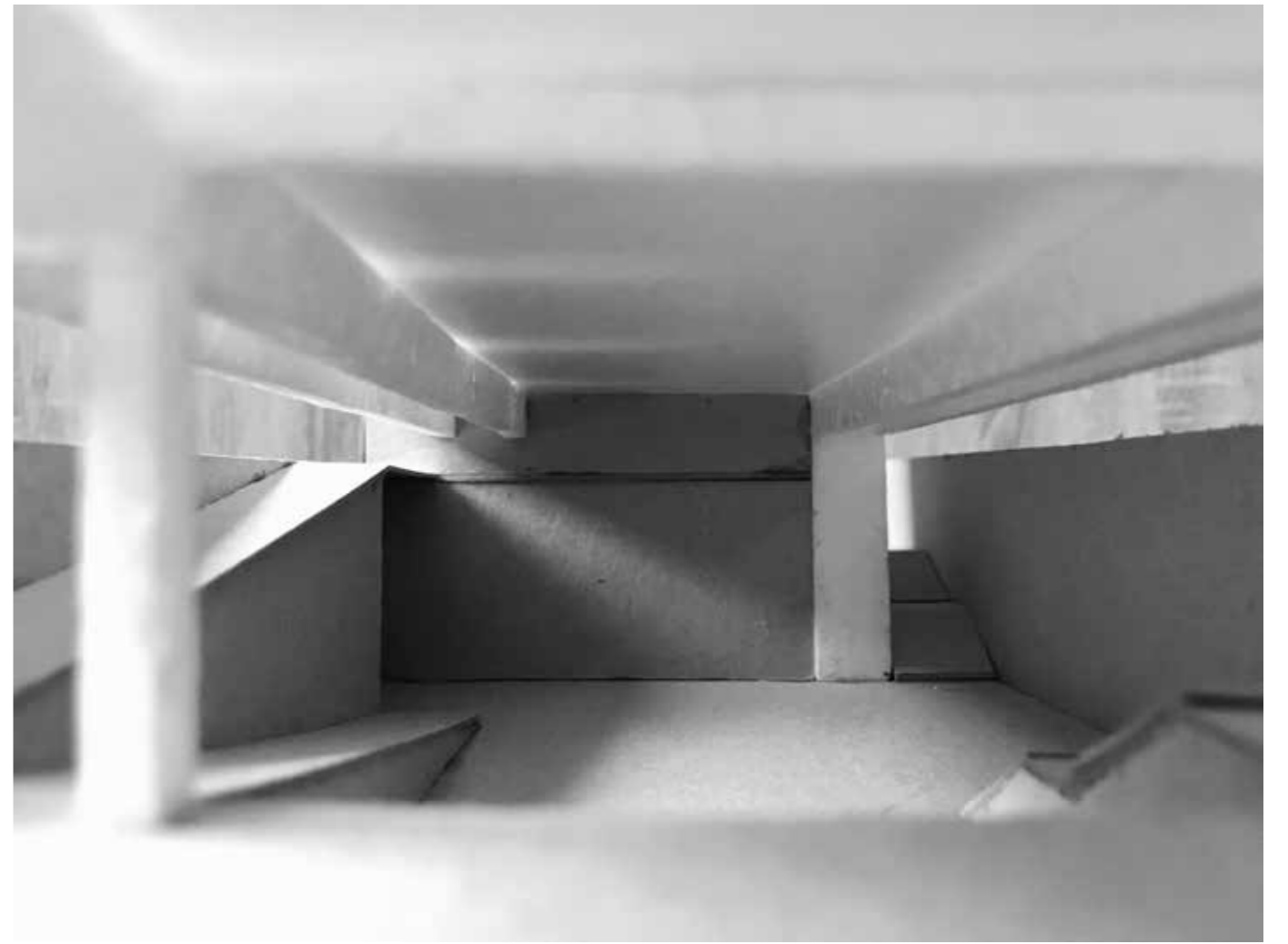
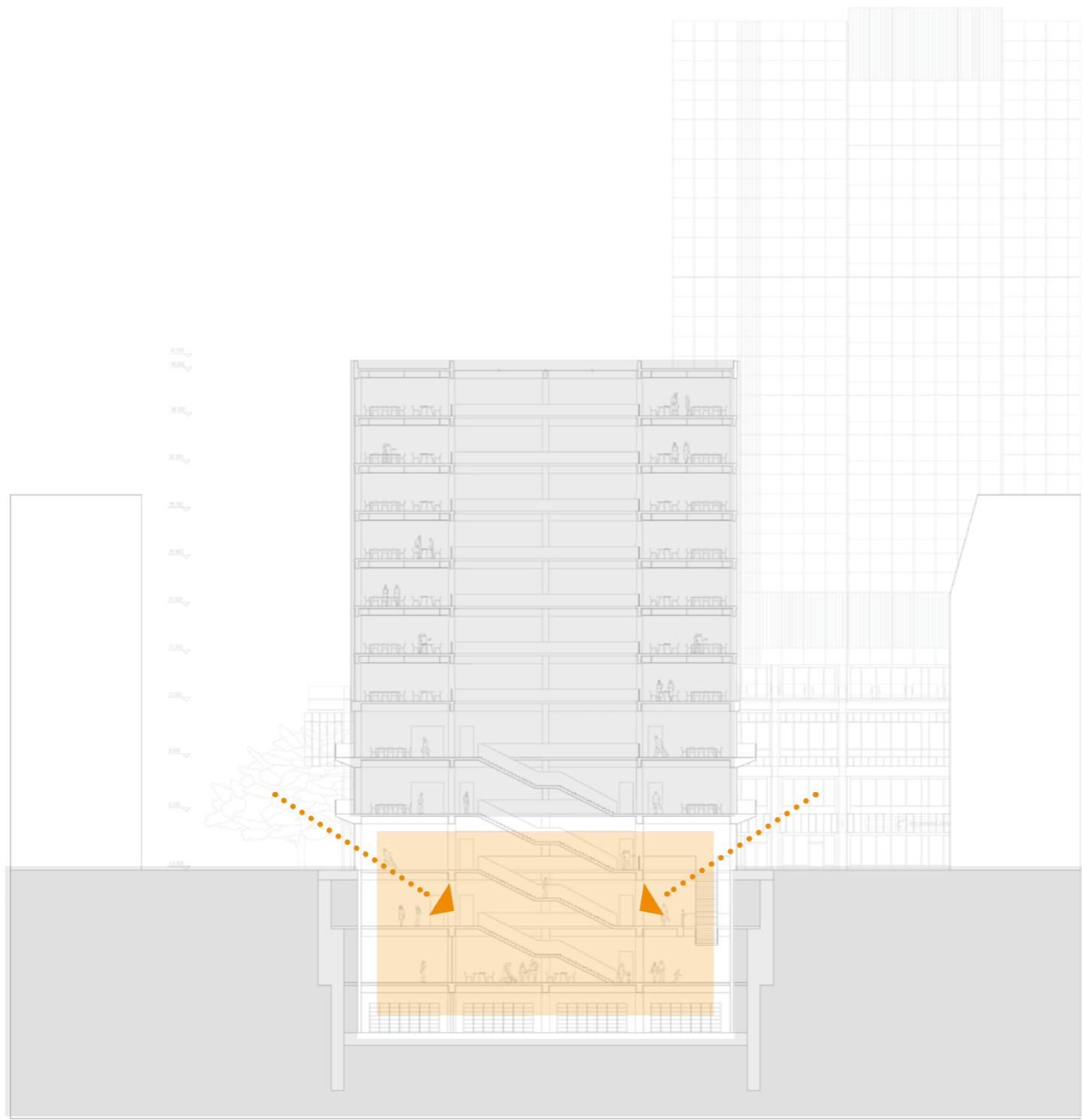


Longitudinal Section AA' 1:500@A3



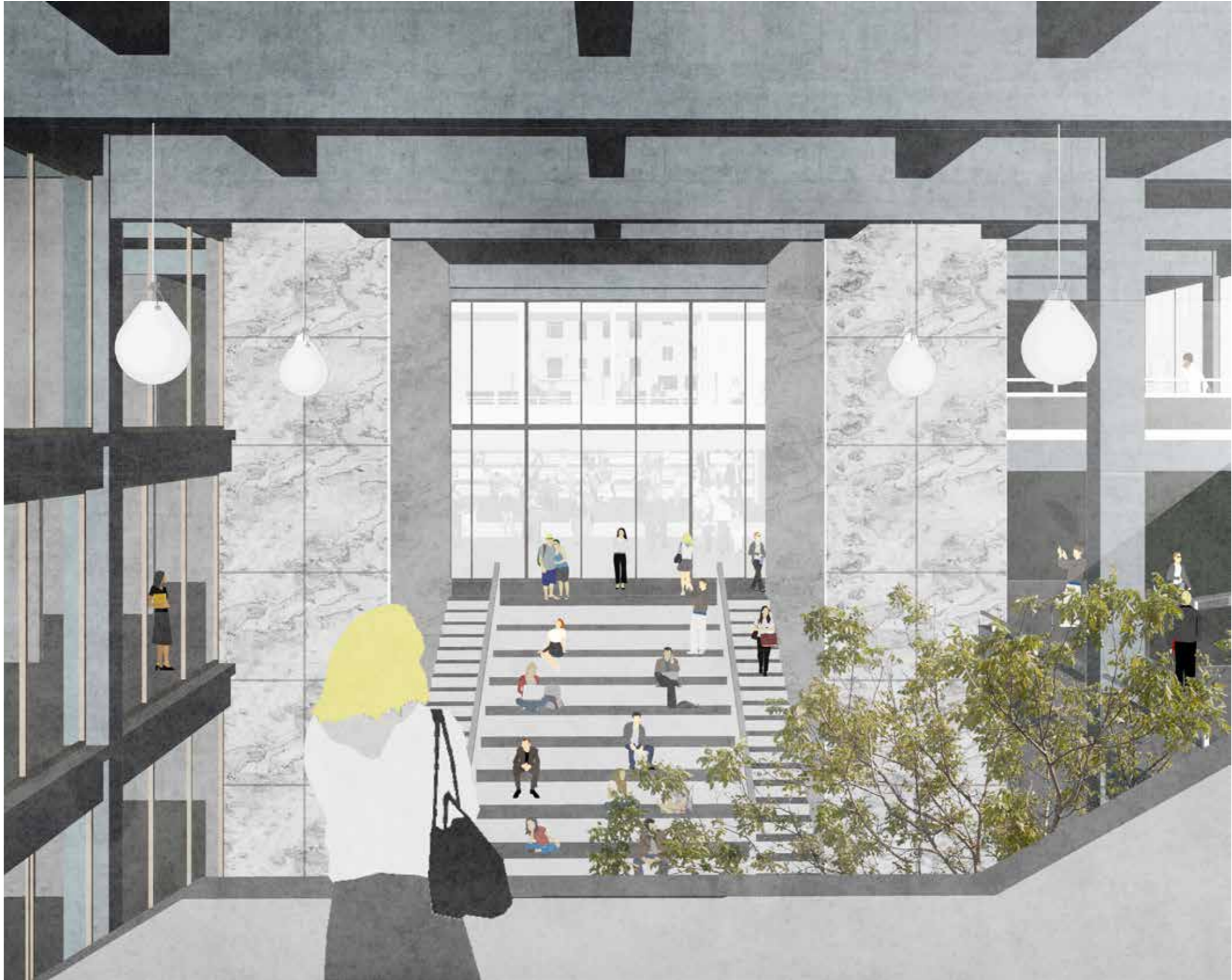
Cross Section BB' 1:500@A4







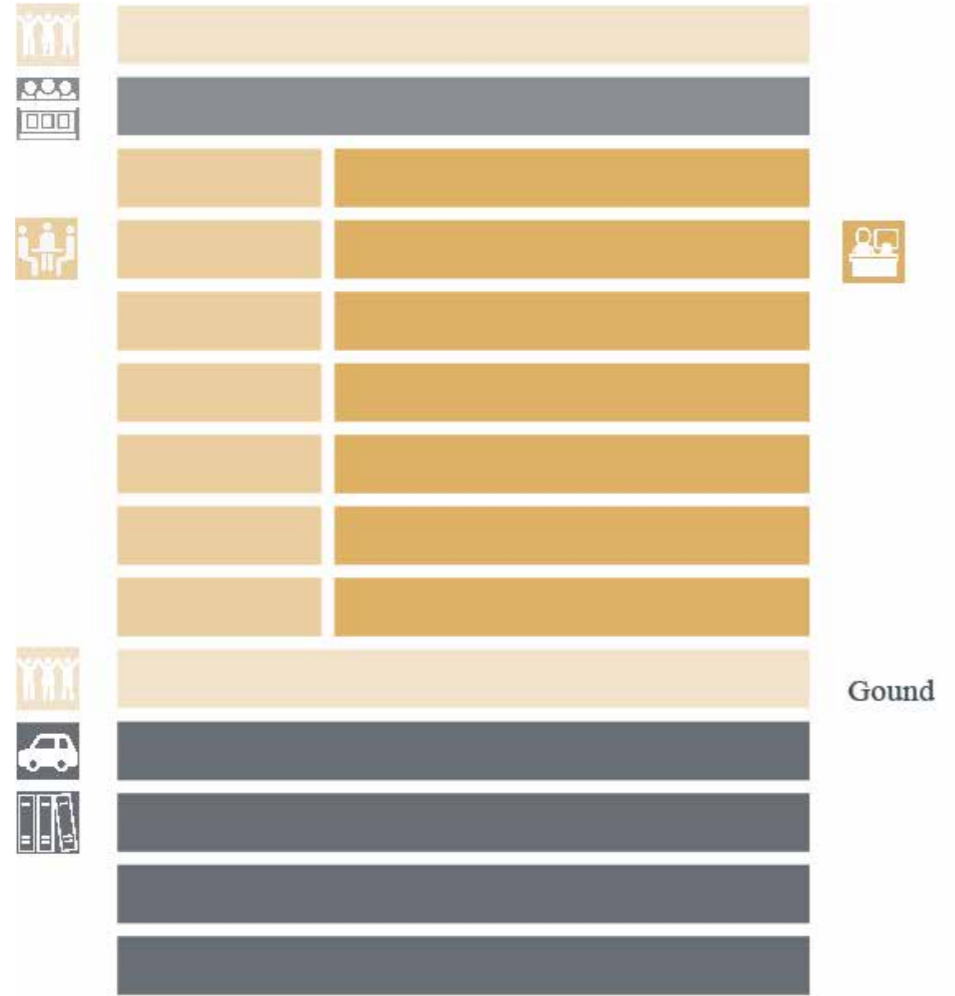
Public Hall






Public Hall 2

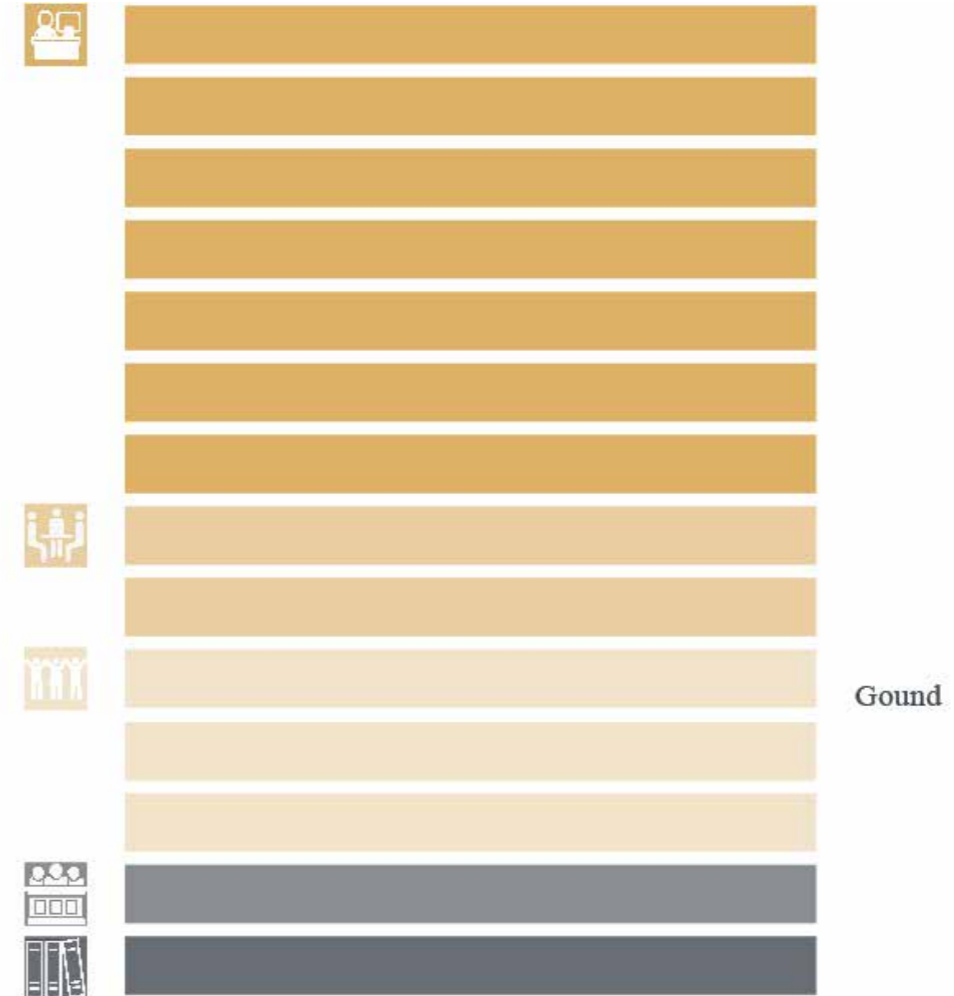
Plan




### BruCity



|   | Area(Total) | Area(Net) | Quantity |                      |
|---|-------------|-----------|----------|----------------------|
|  | 17054m2     | 11938m2   | 1336     | Office               |
|  | 2307m2      | 1615m2    | 2        | Conference / Council |
|  | 1228m2      | 860m2     | 1        | Archieve             |

### Project

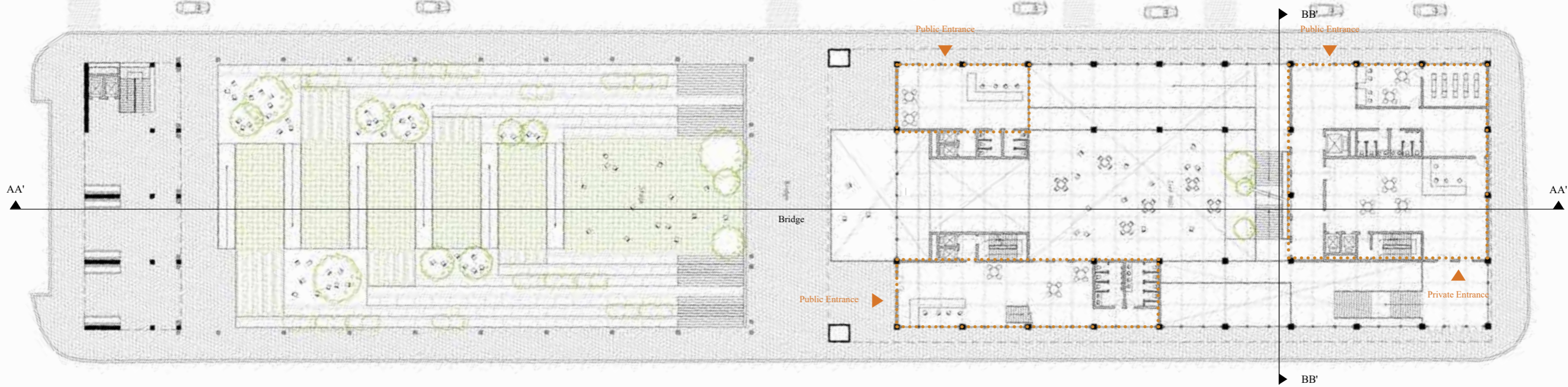



|   | Area(Total) | Area(Net) | Quantity |                      |
|---|-------------|-----------|----------|----------------------|
|  | 16302m2     | 11500m2   | 1300     | Office               |
|  | 2775m2      | 1942m2    | 2        | Conference / Council |
|  | 1350m2      | 945m2     | 1        | Archieve             |

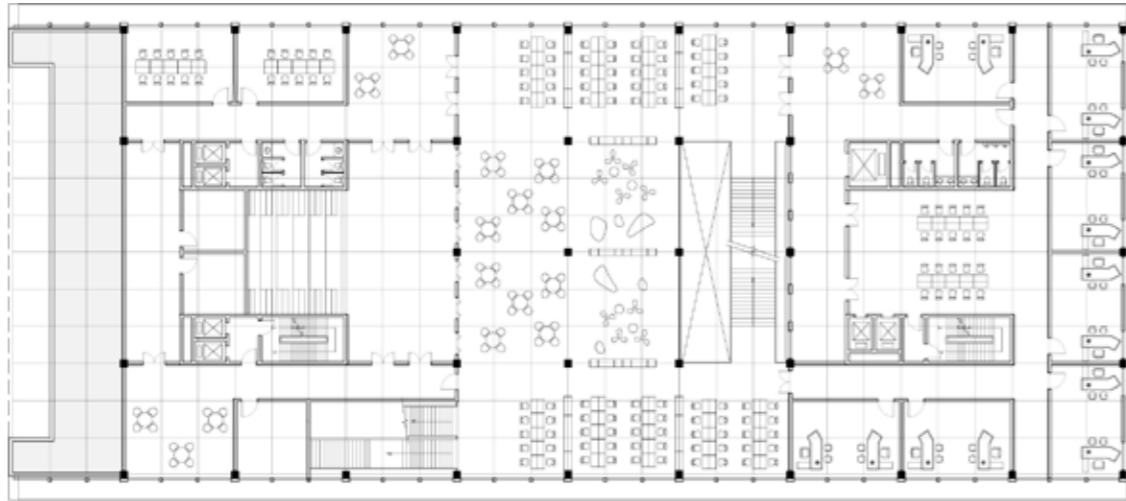




B1 1: 500 @A3



Ground Floor 1: 500 @A3 



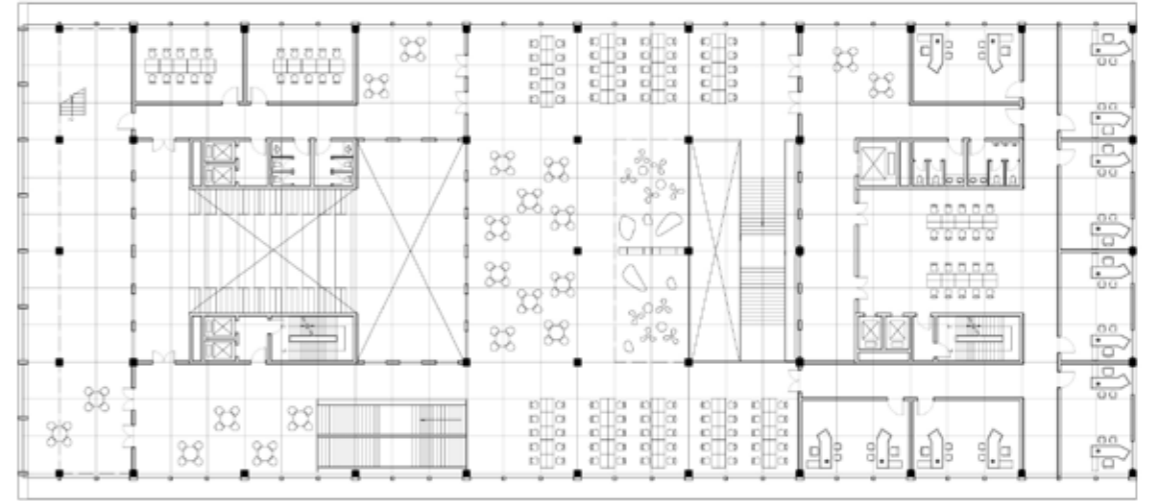
F1 1: 500 @A3



Public



Private



F2 1: 500 @A3



Public



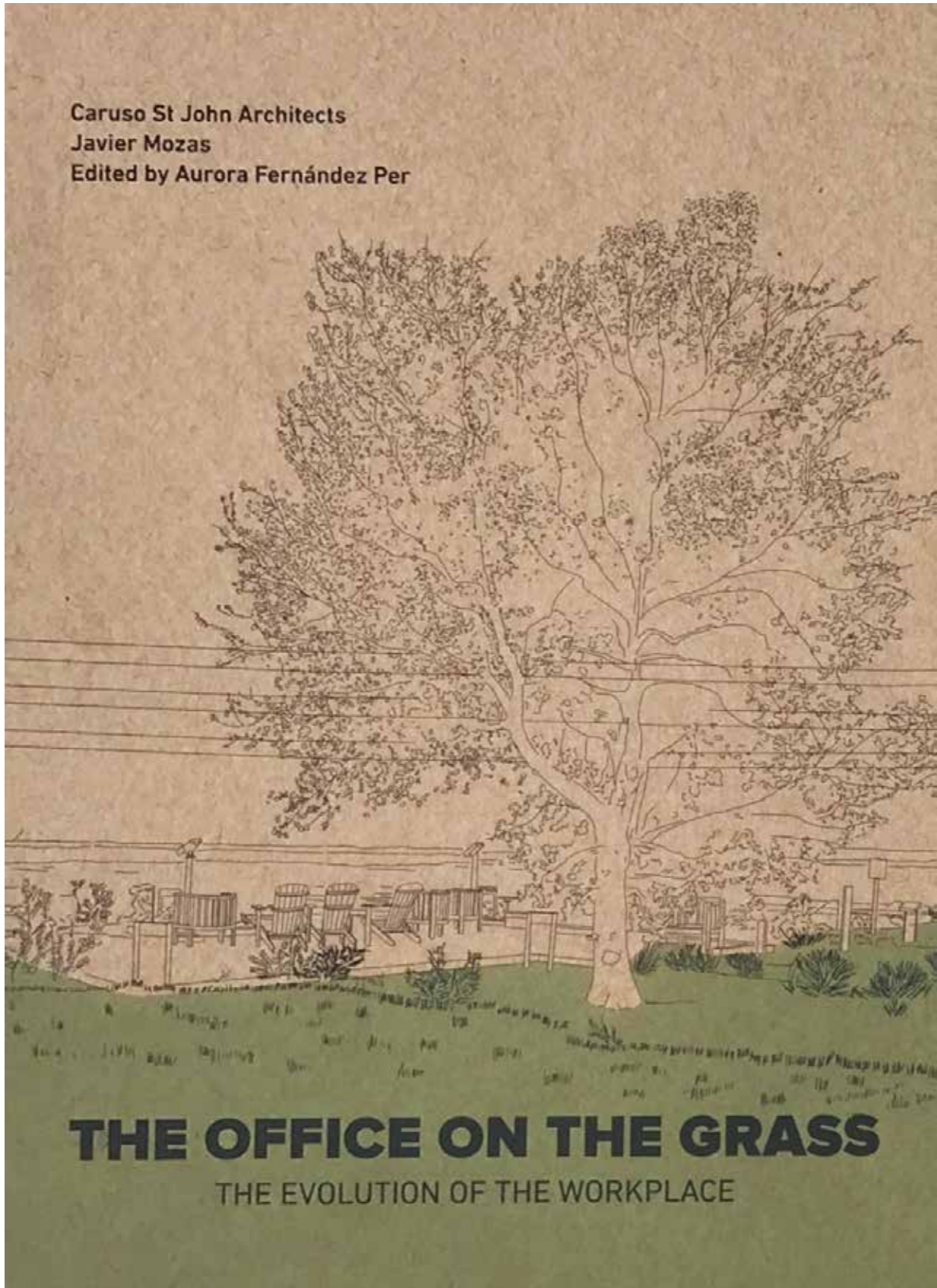
Private



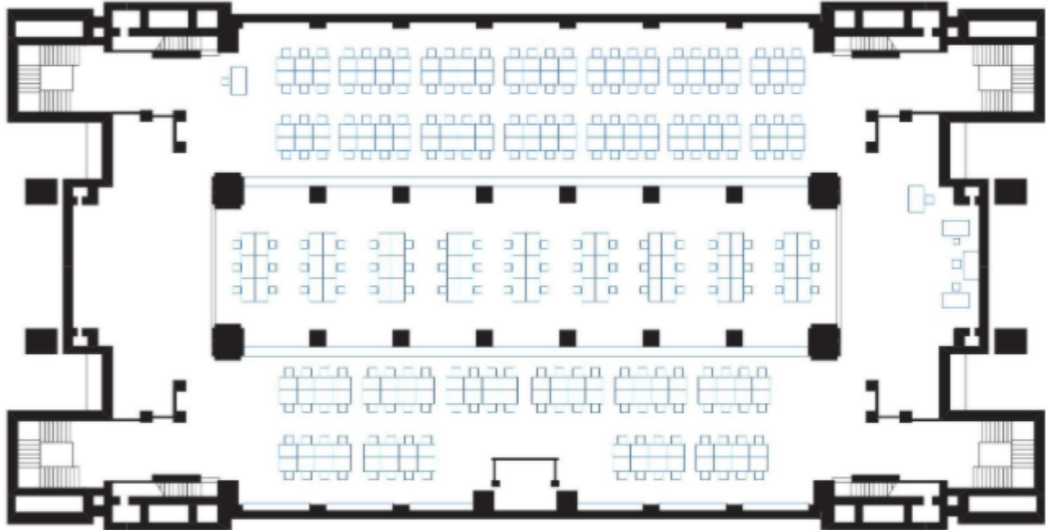
Public Auditorium

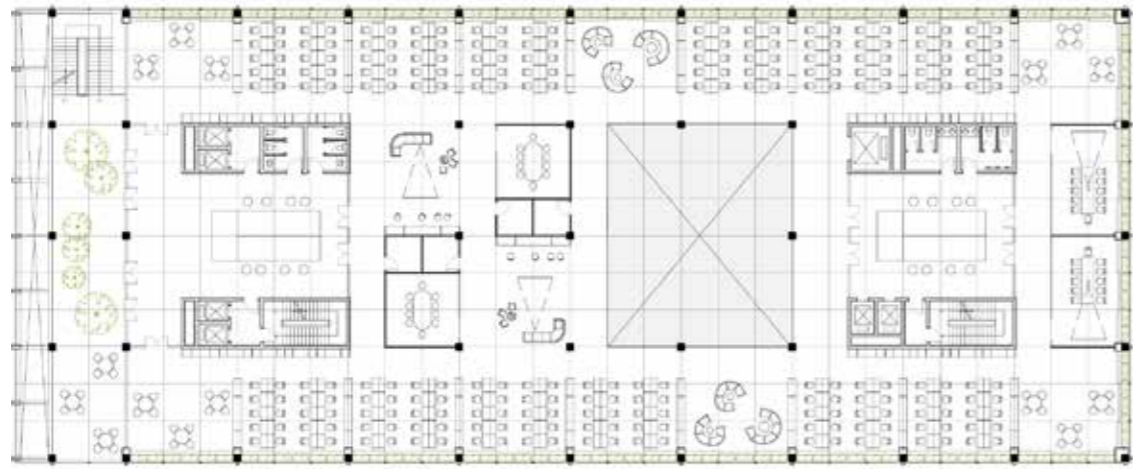


Public Platform on the South facade

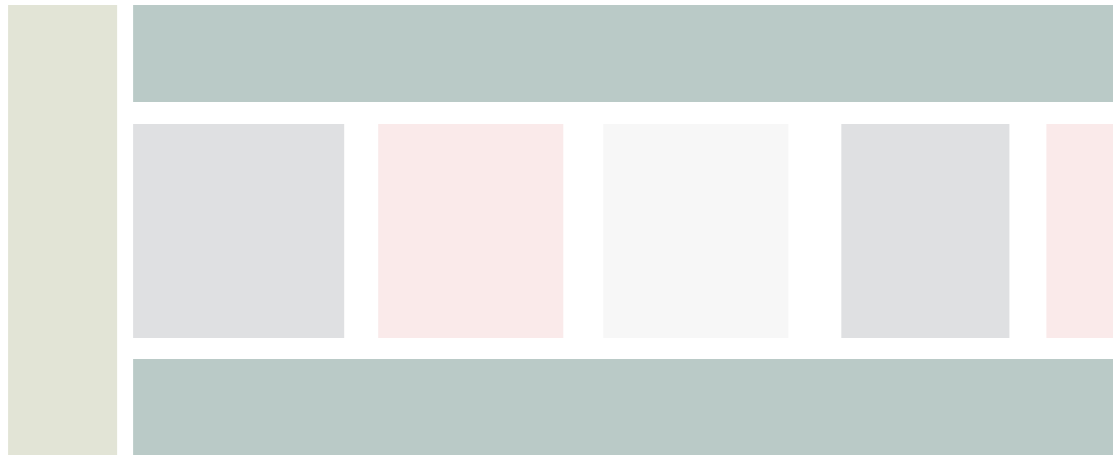


The Taylorist Open Plan



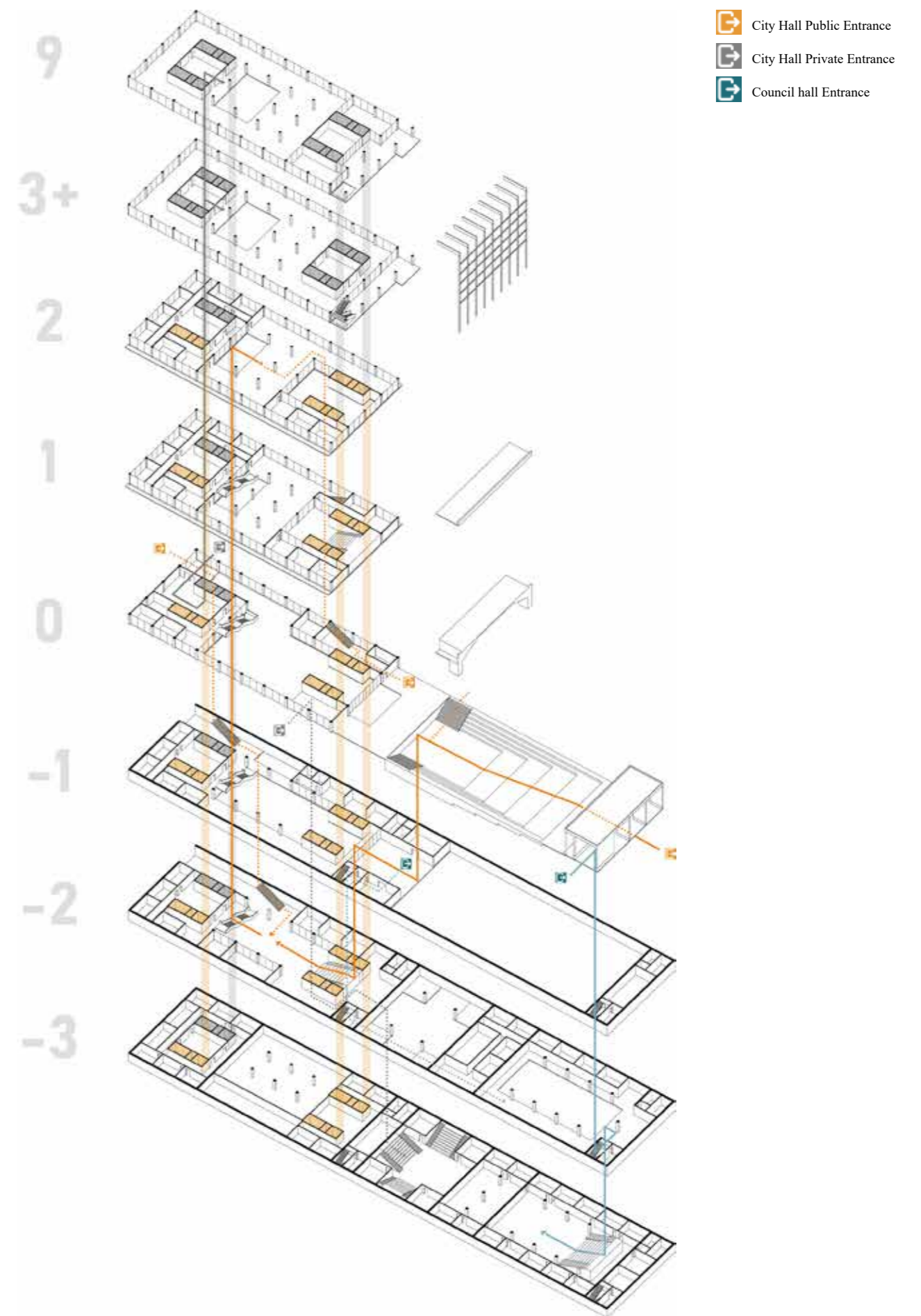
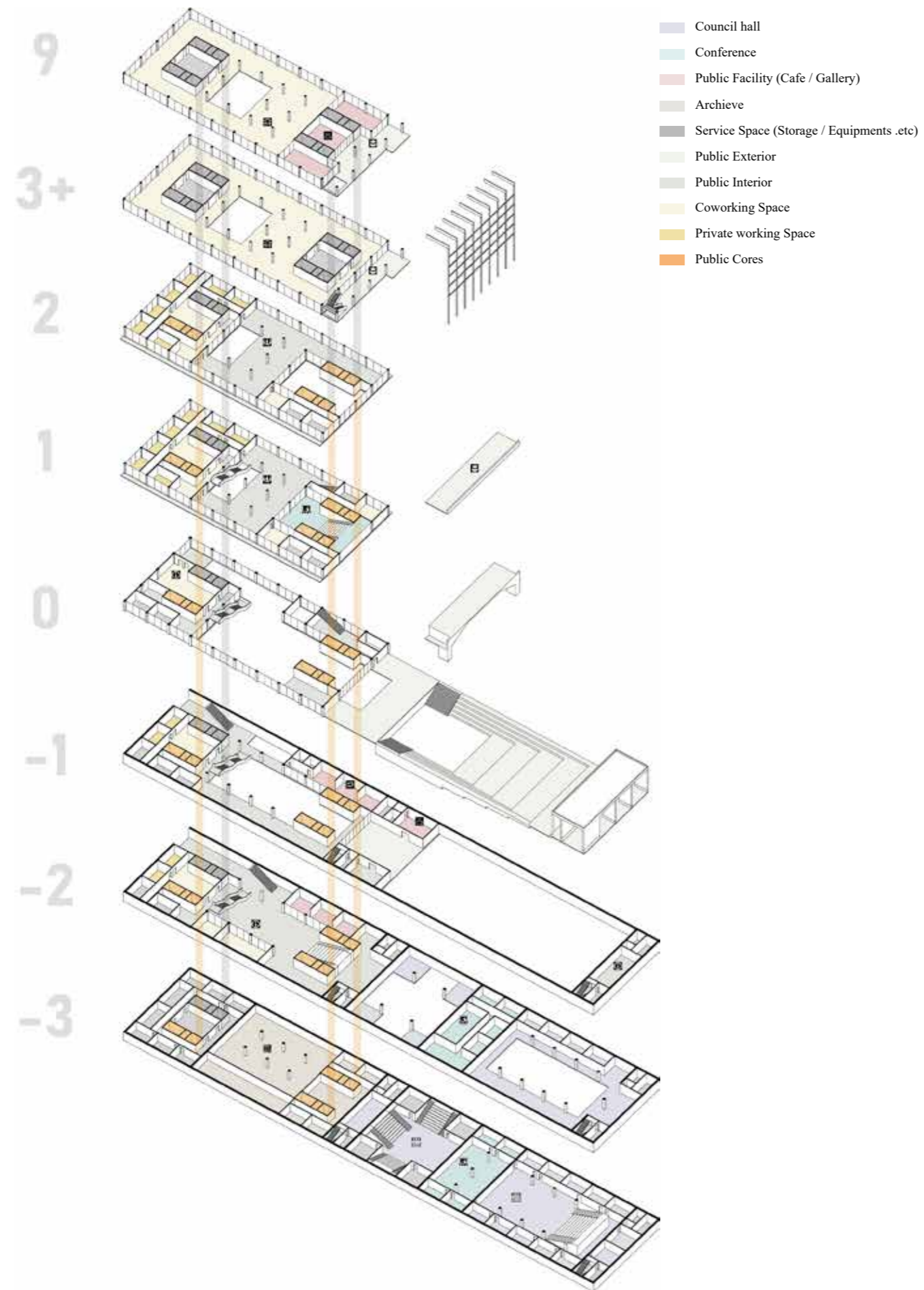


Typical 1: 500 @A3





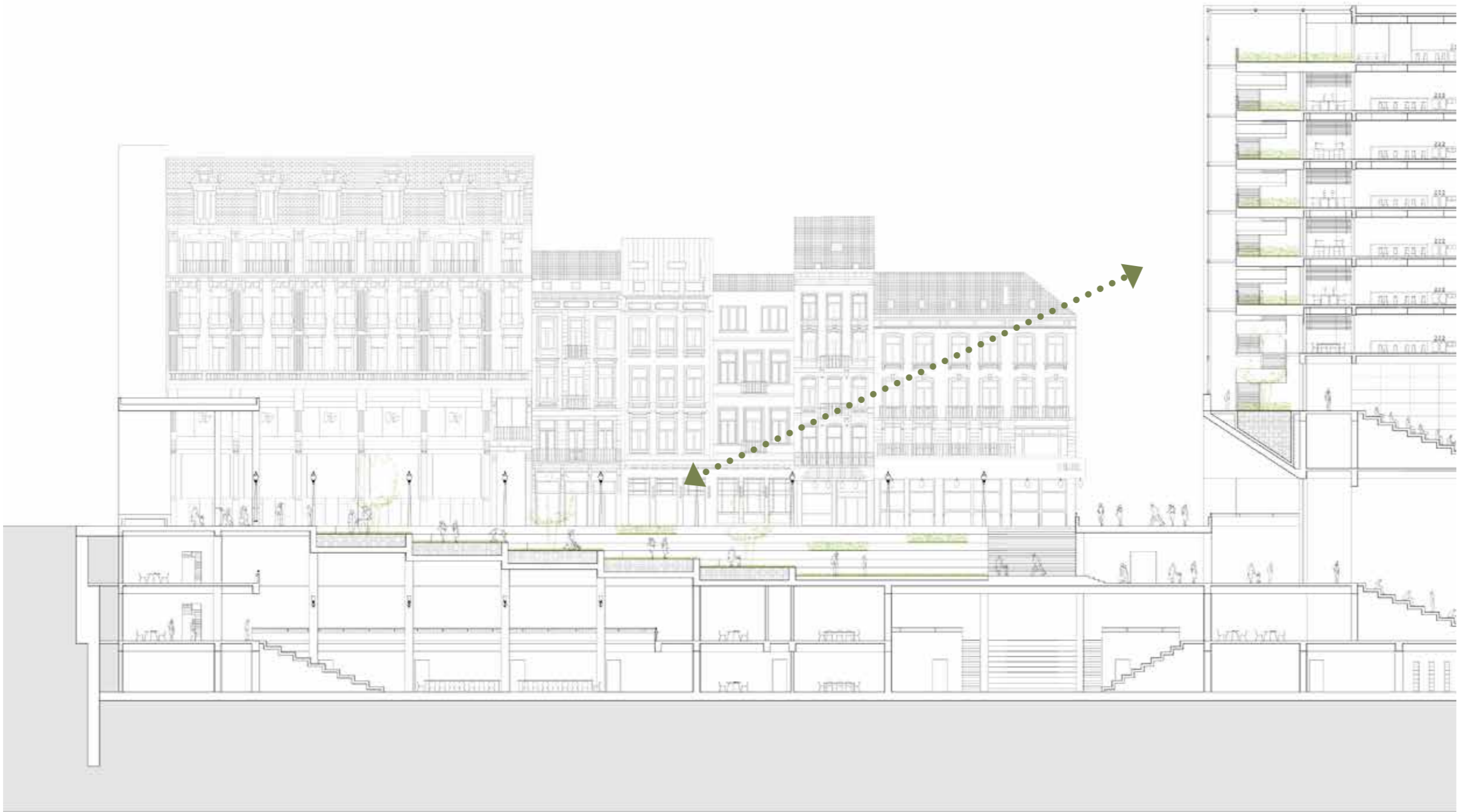


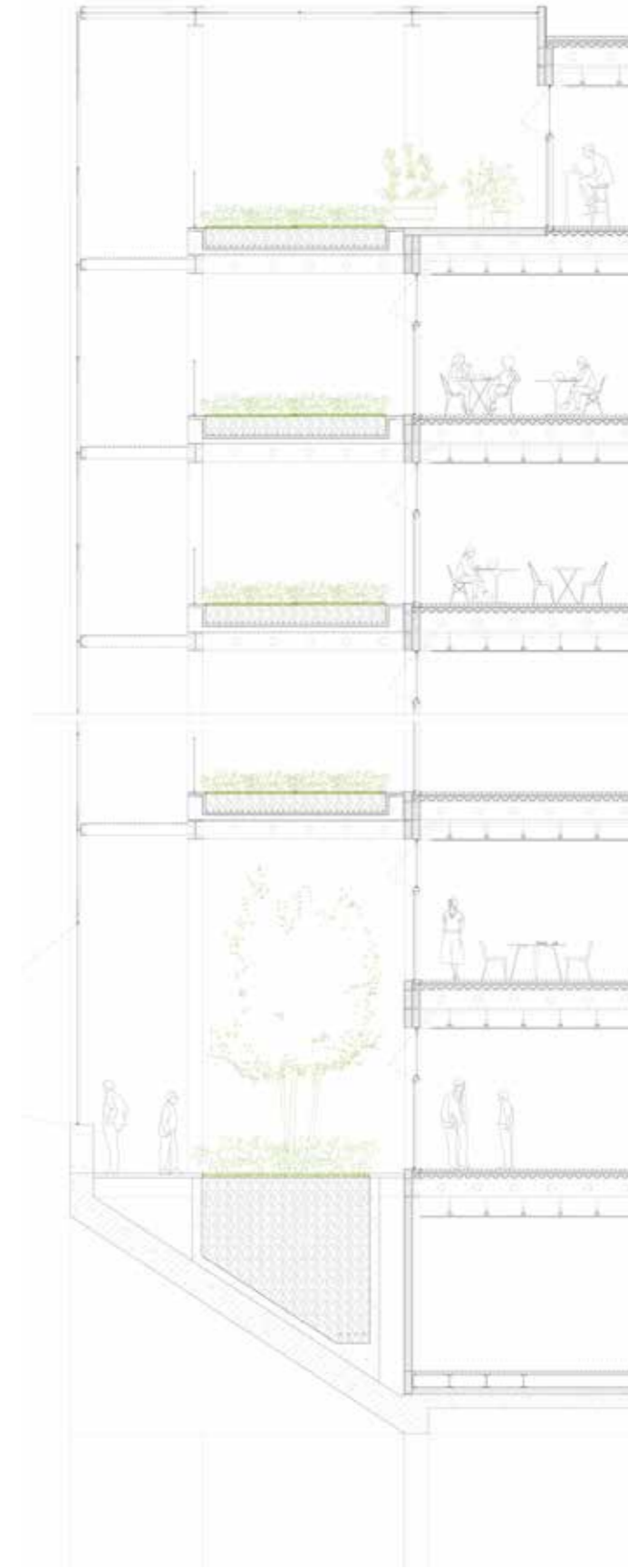
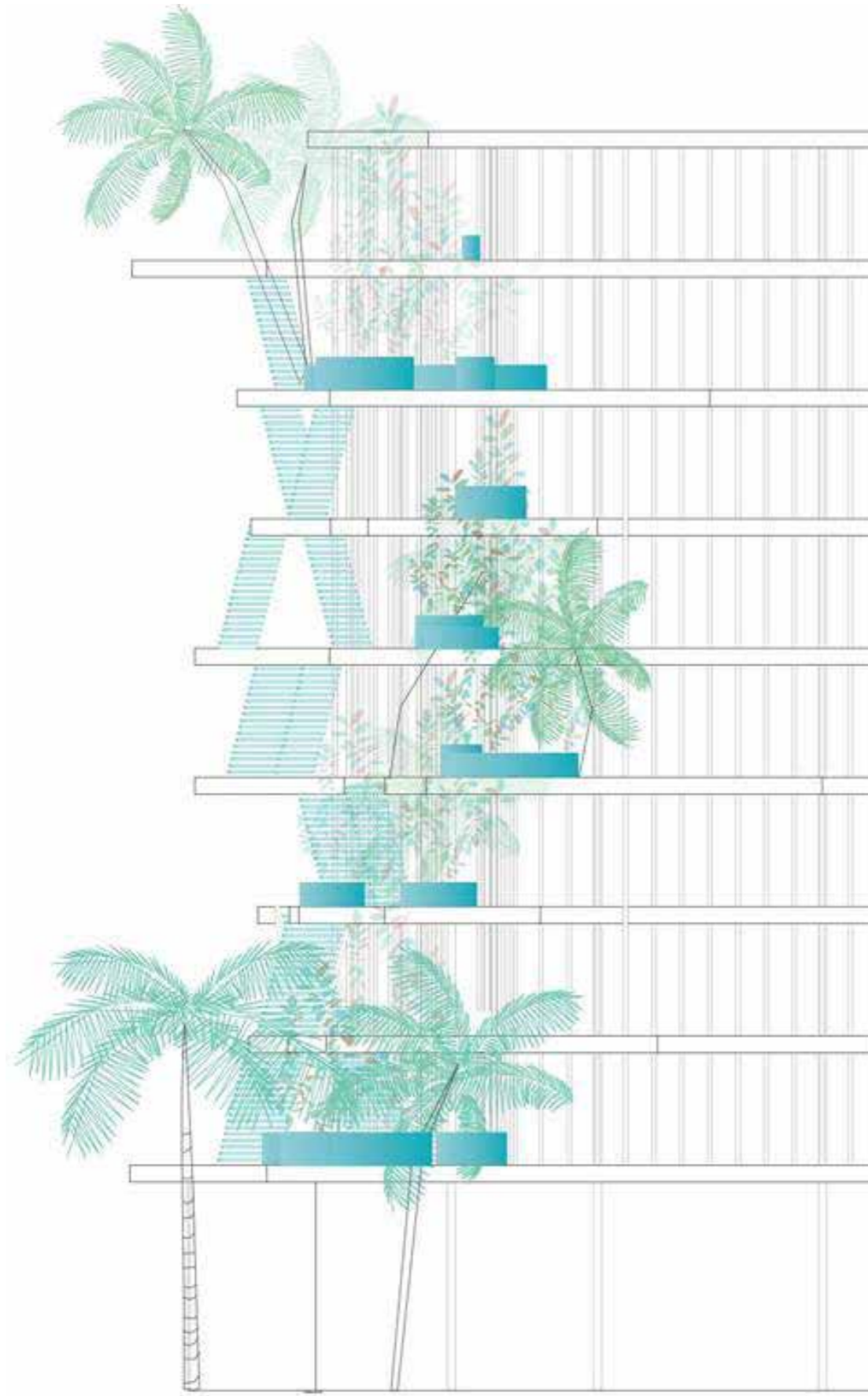


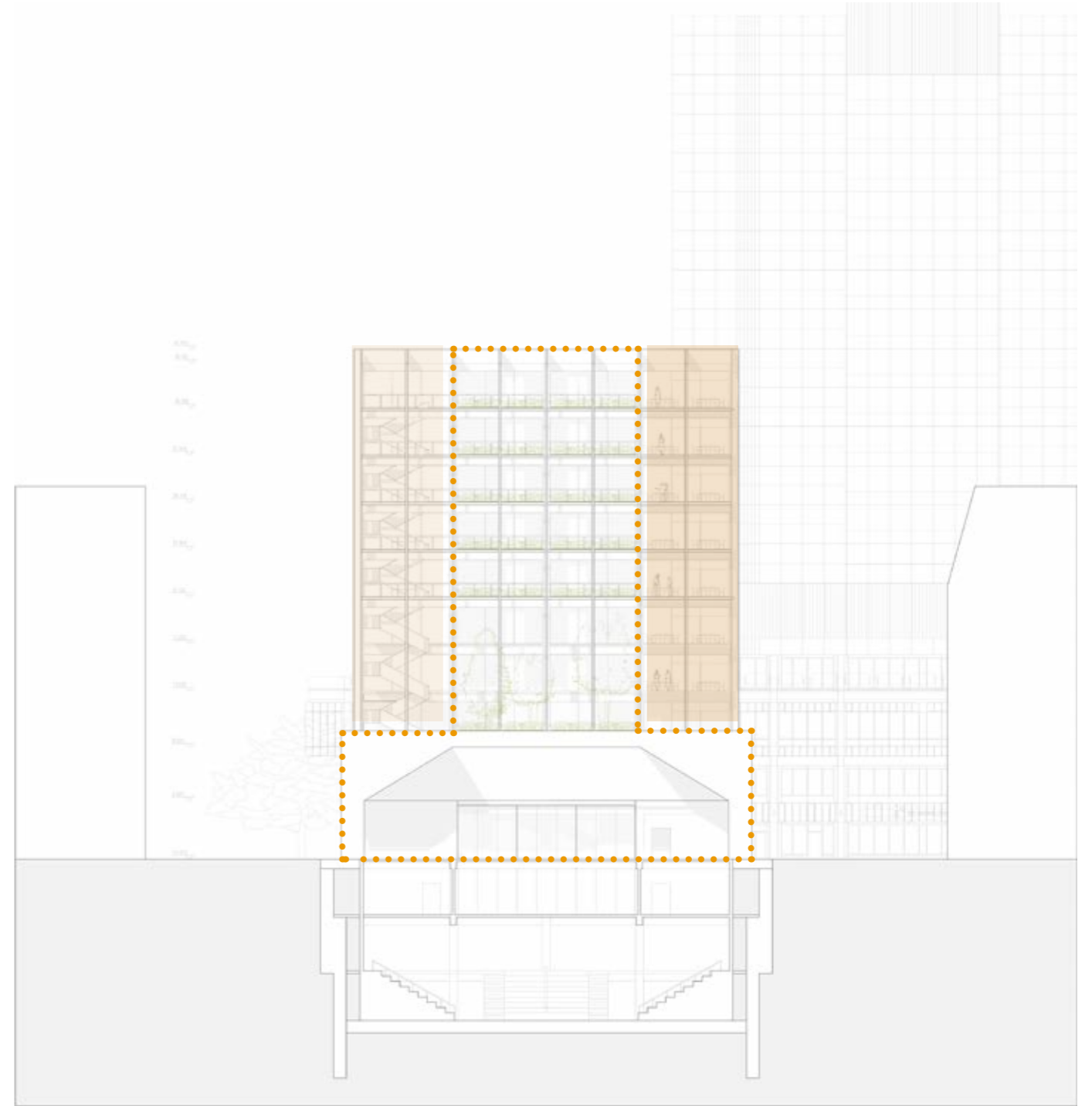
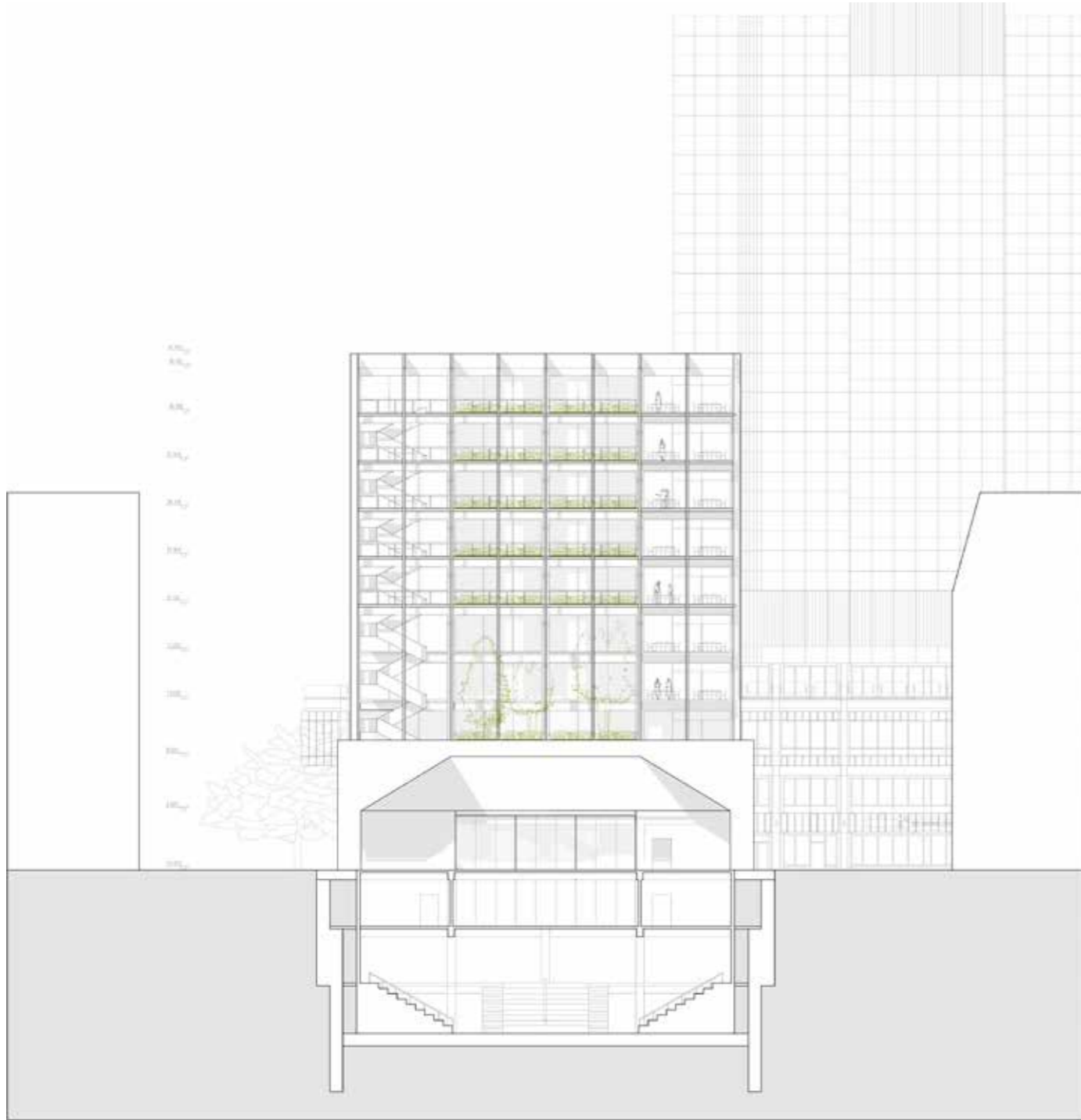
Facade







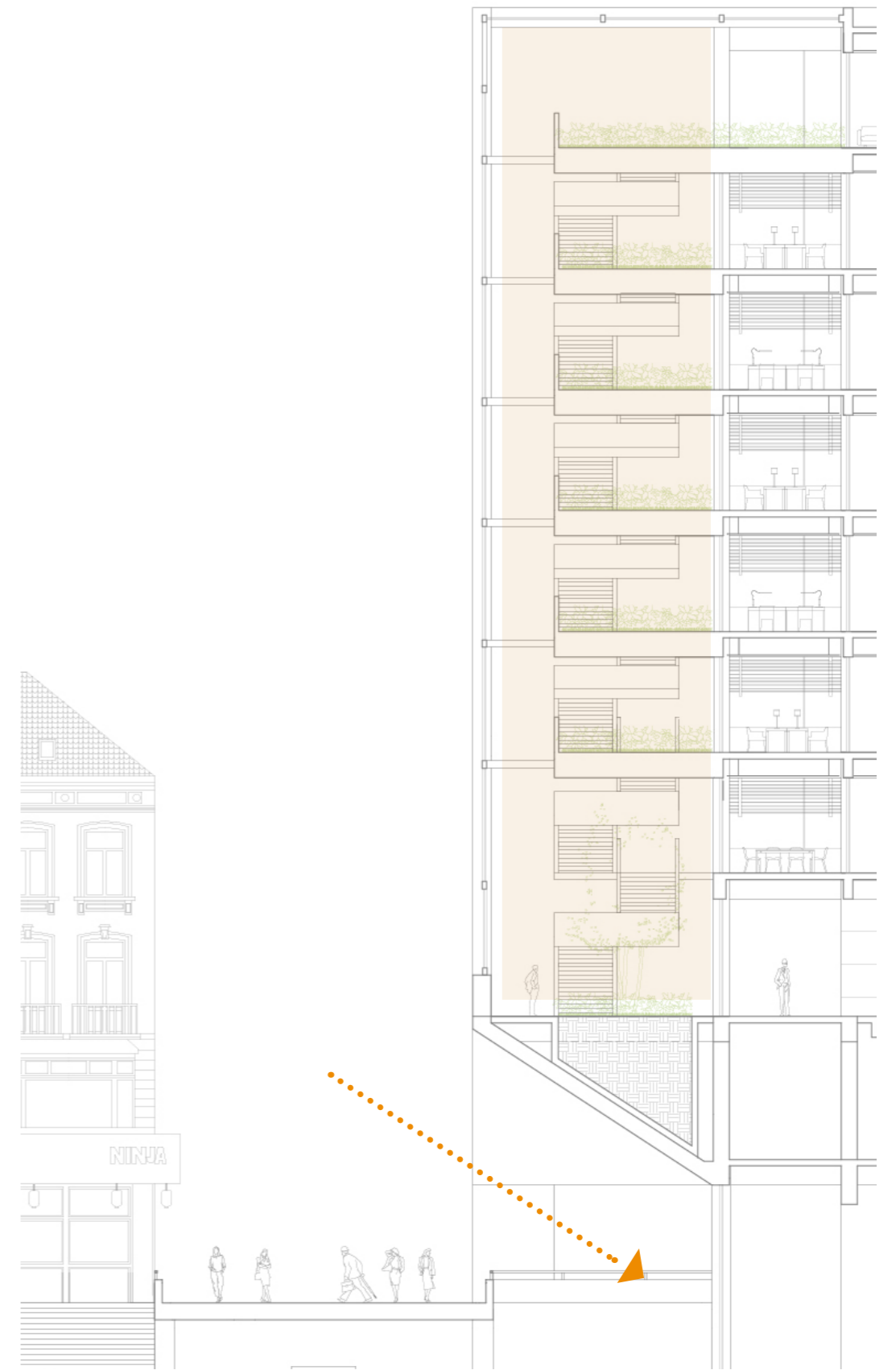


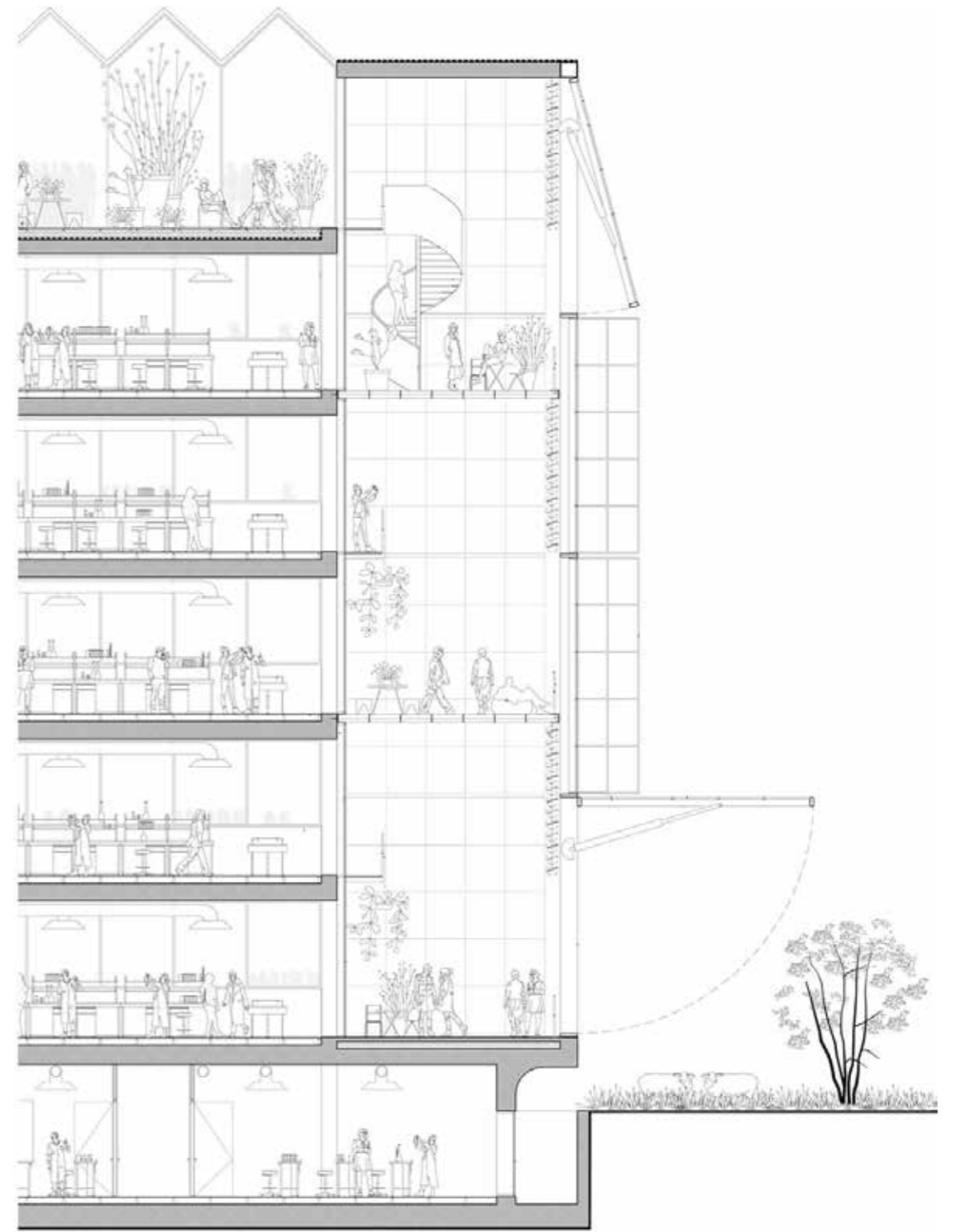


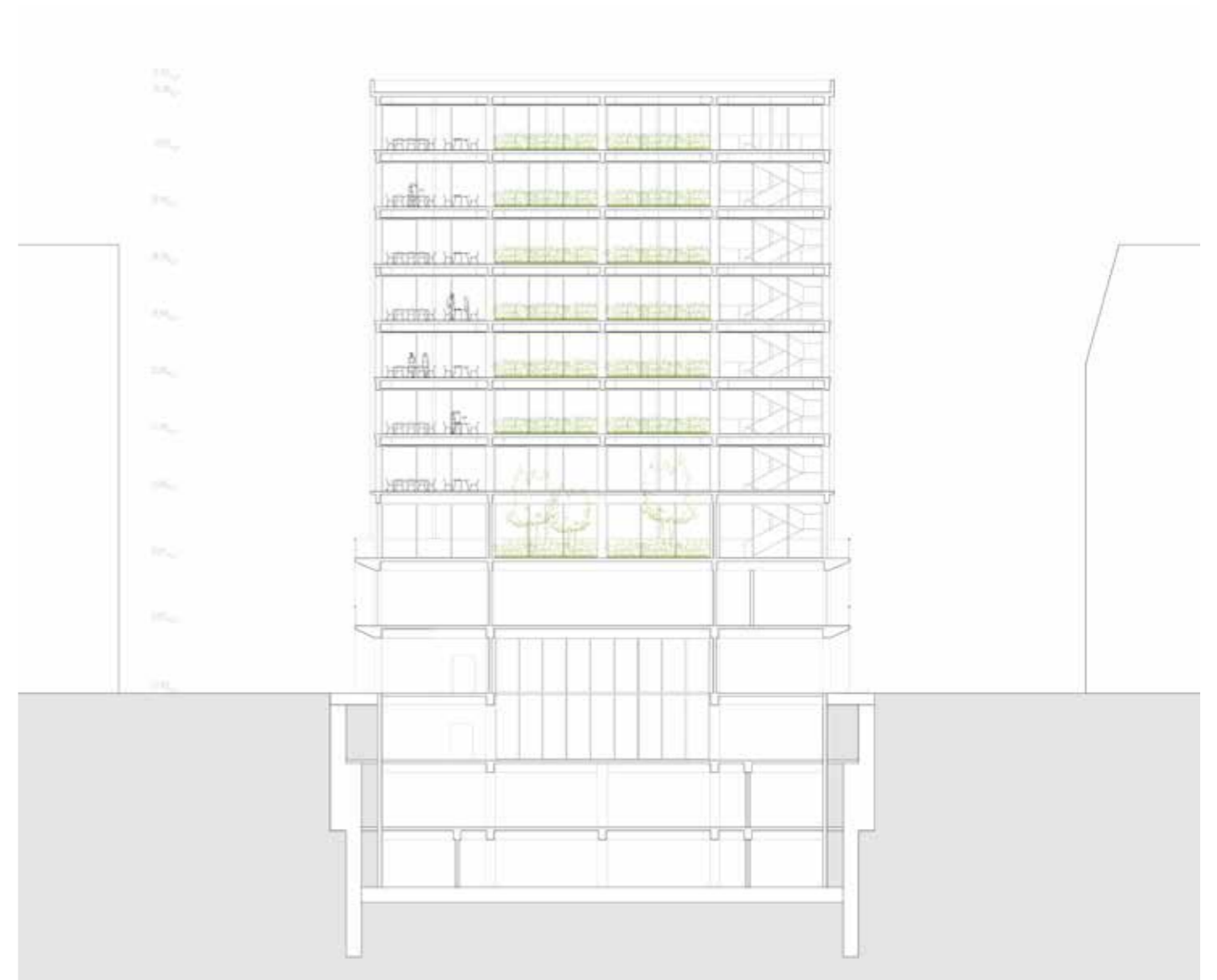
South External Facade 1:500@A4





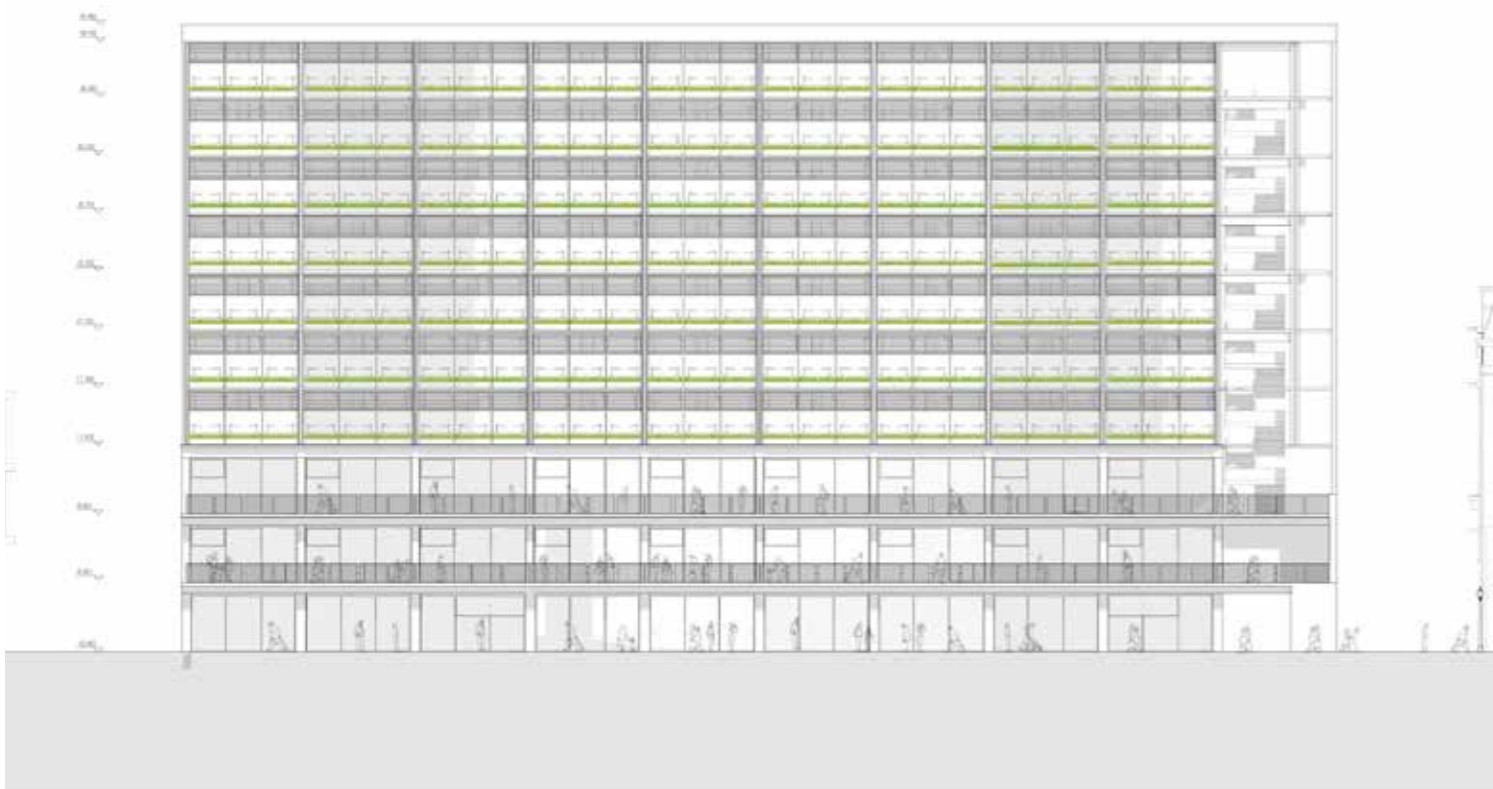




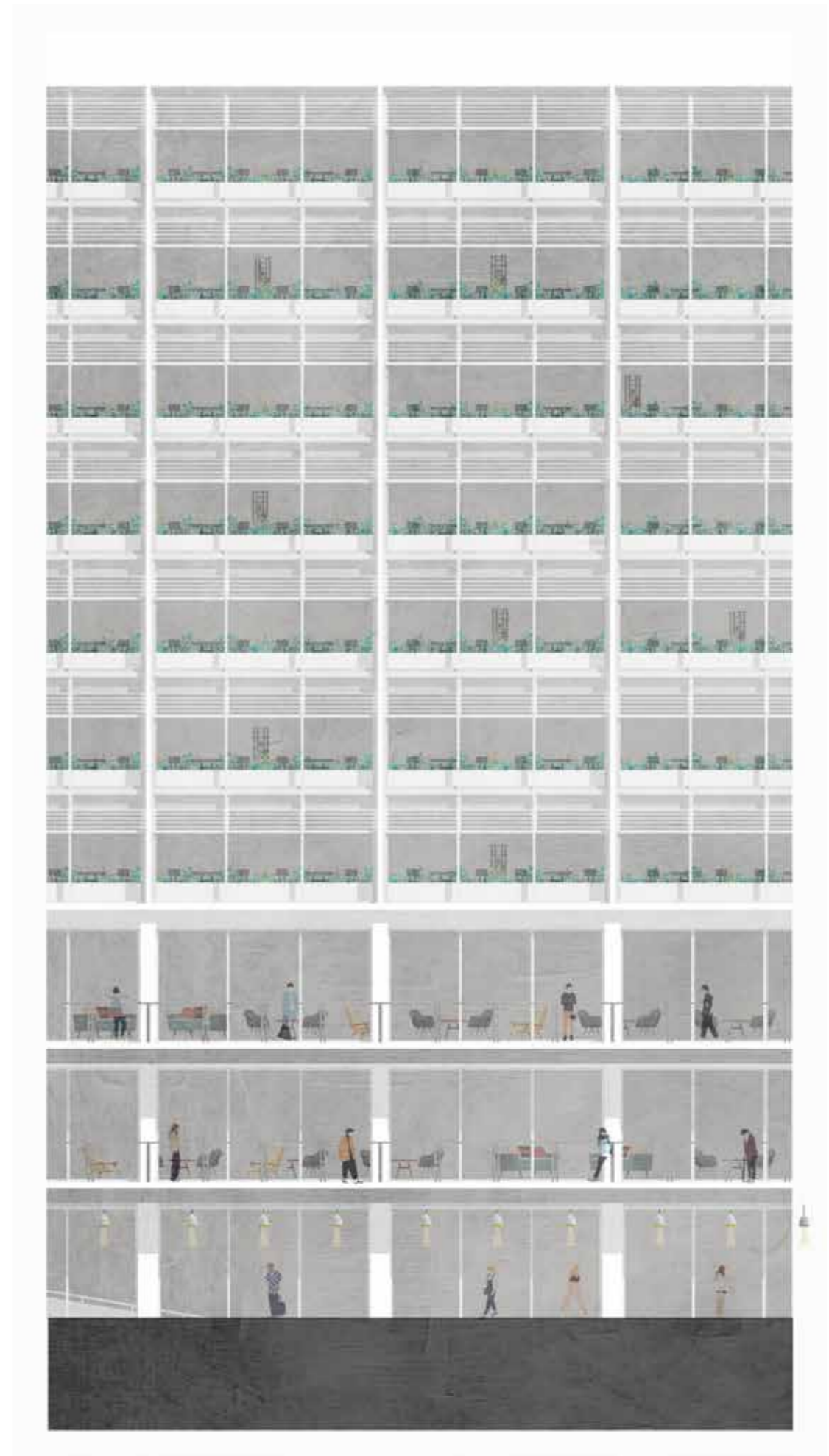


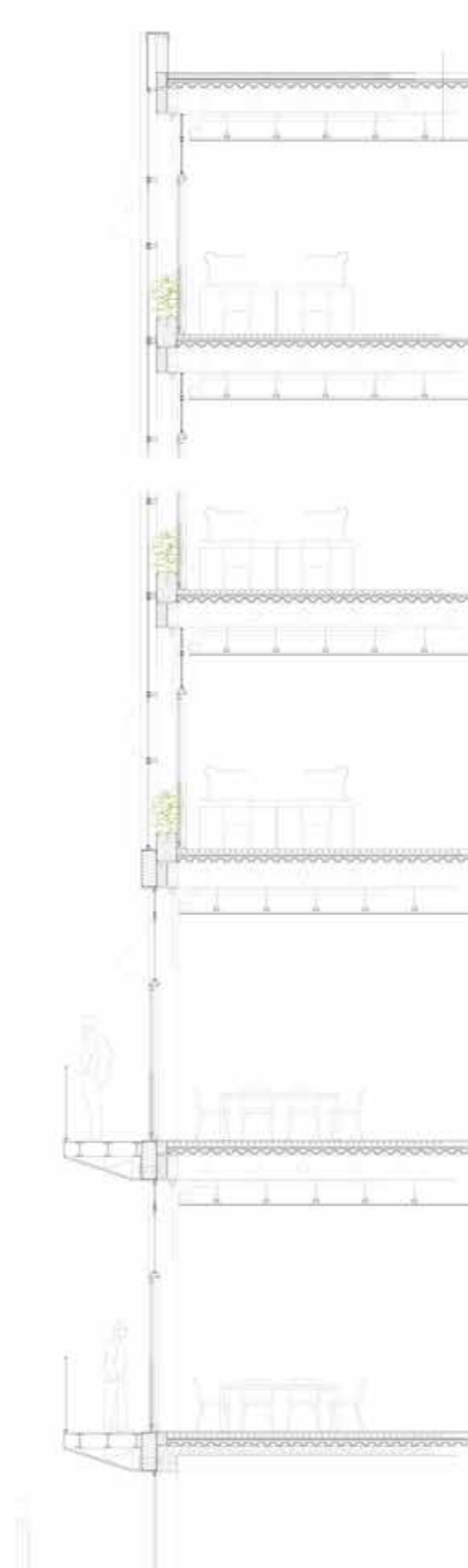
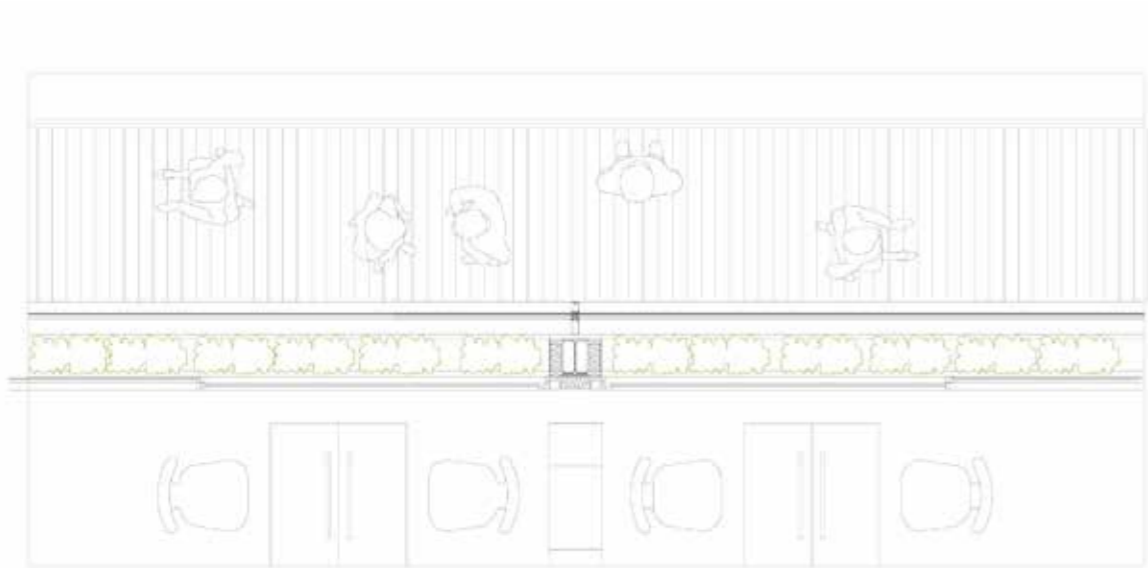
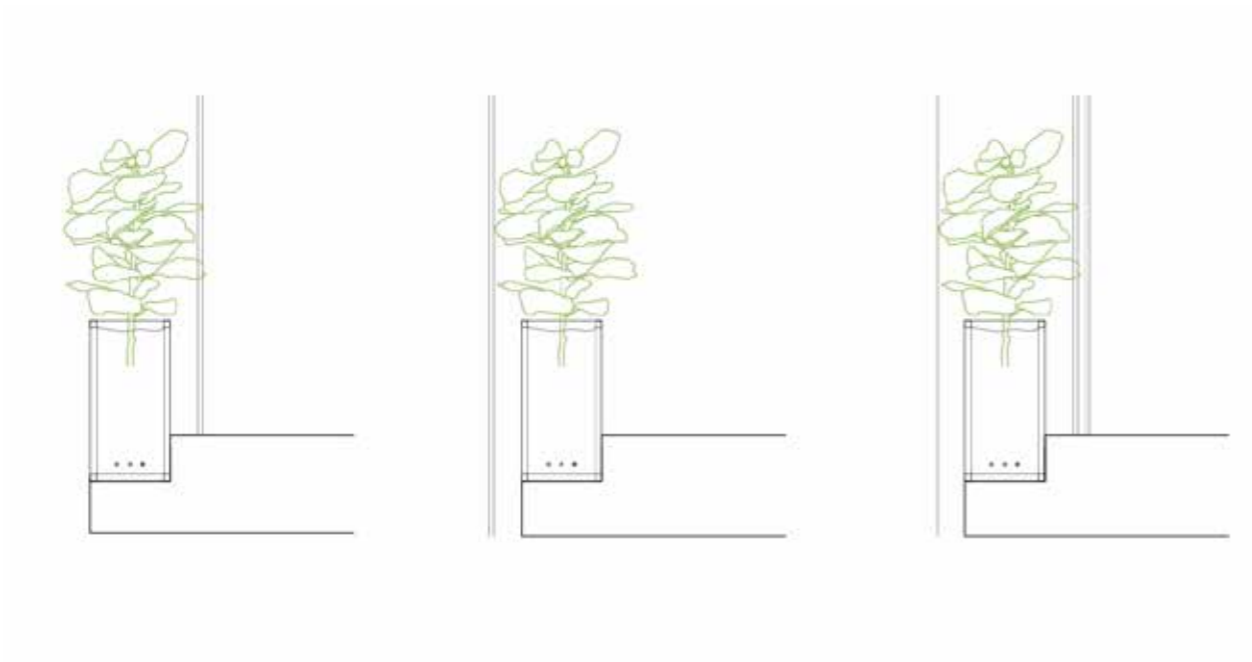
South Internal Facade 1:500@A4

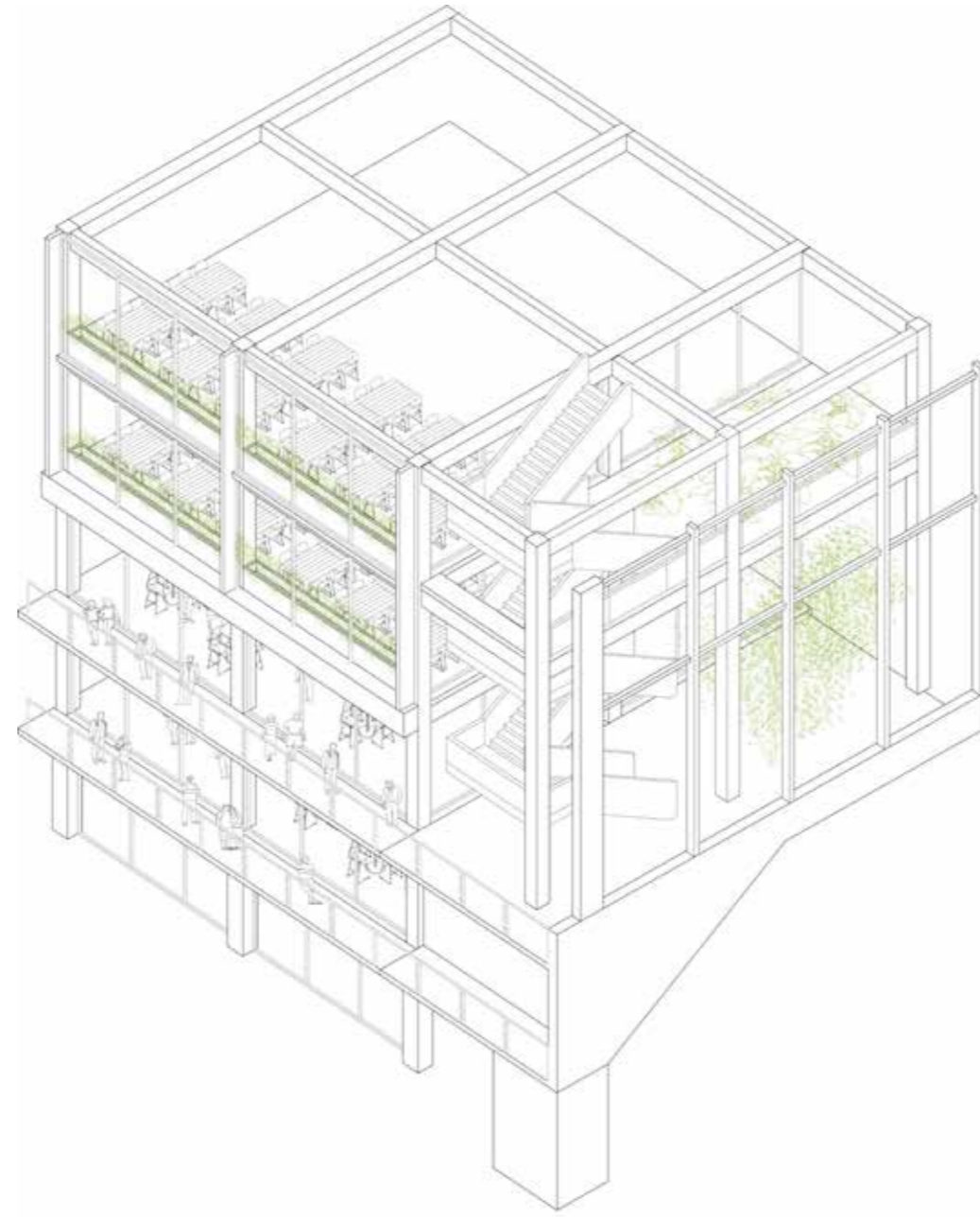


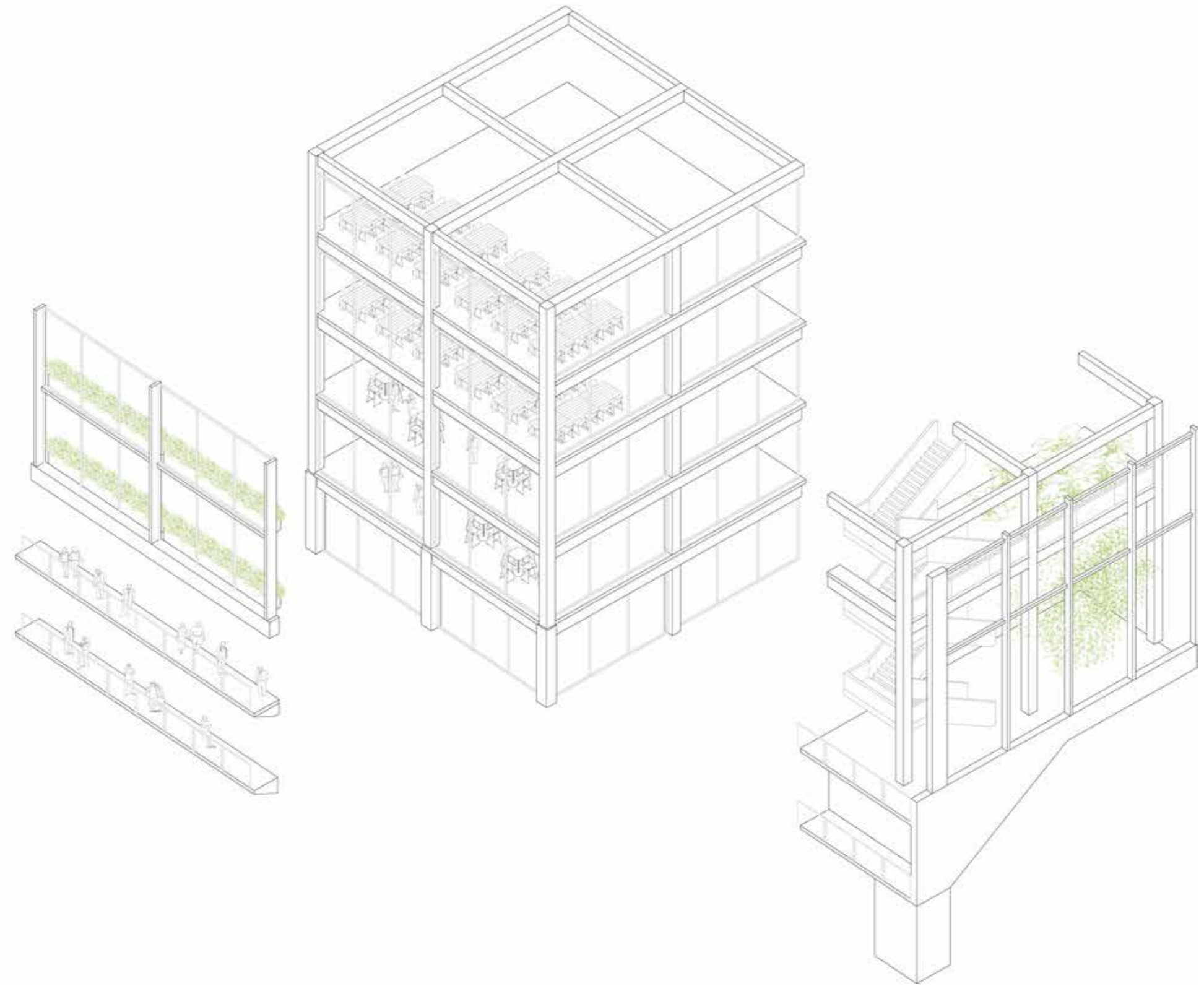


West External Facade 1:500@A4



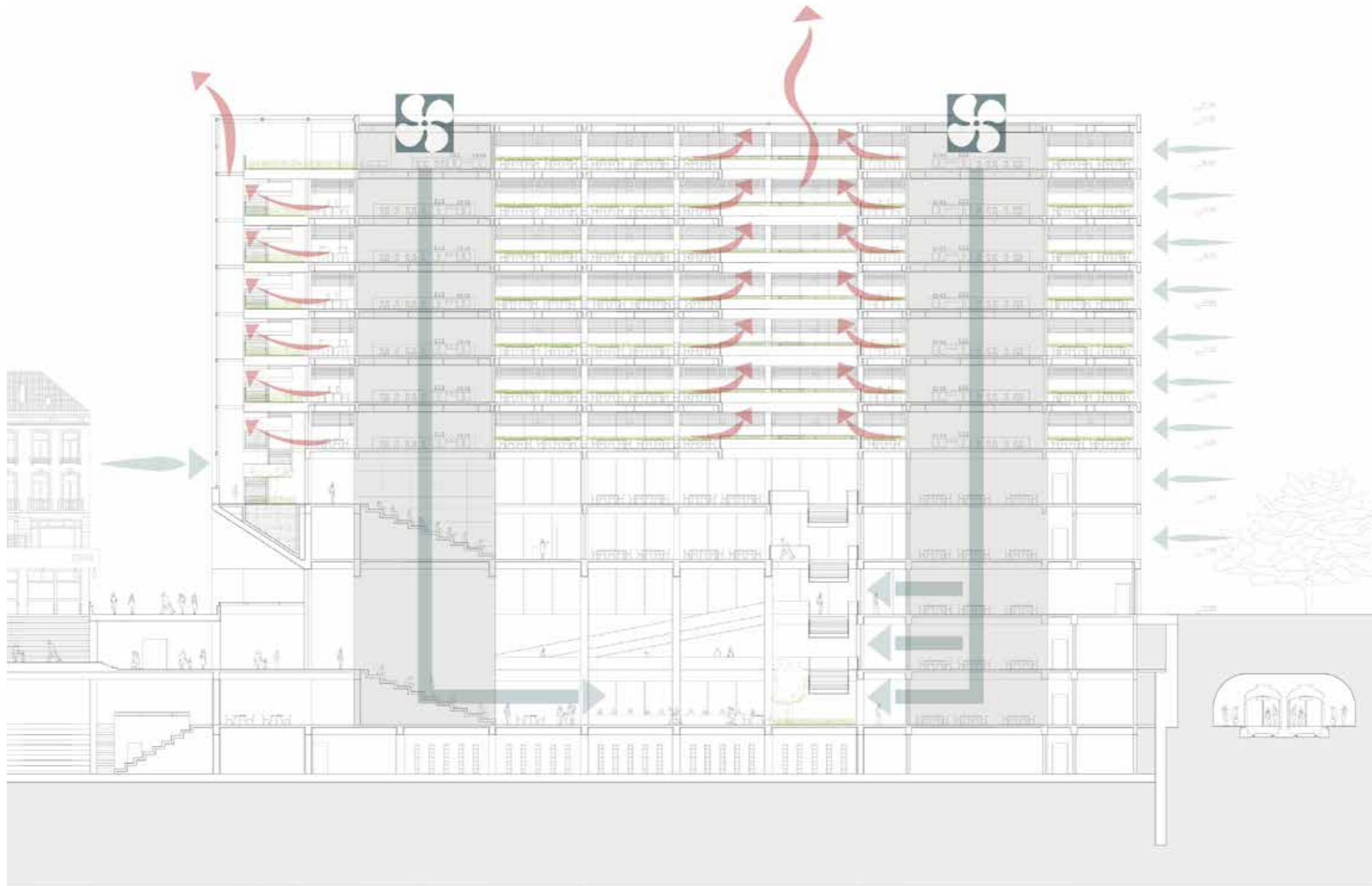


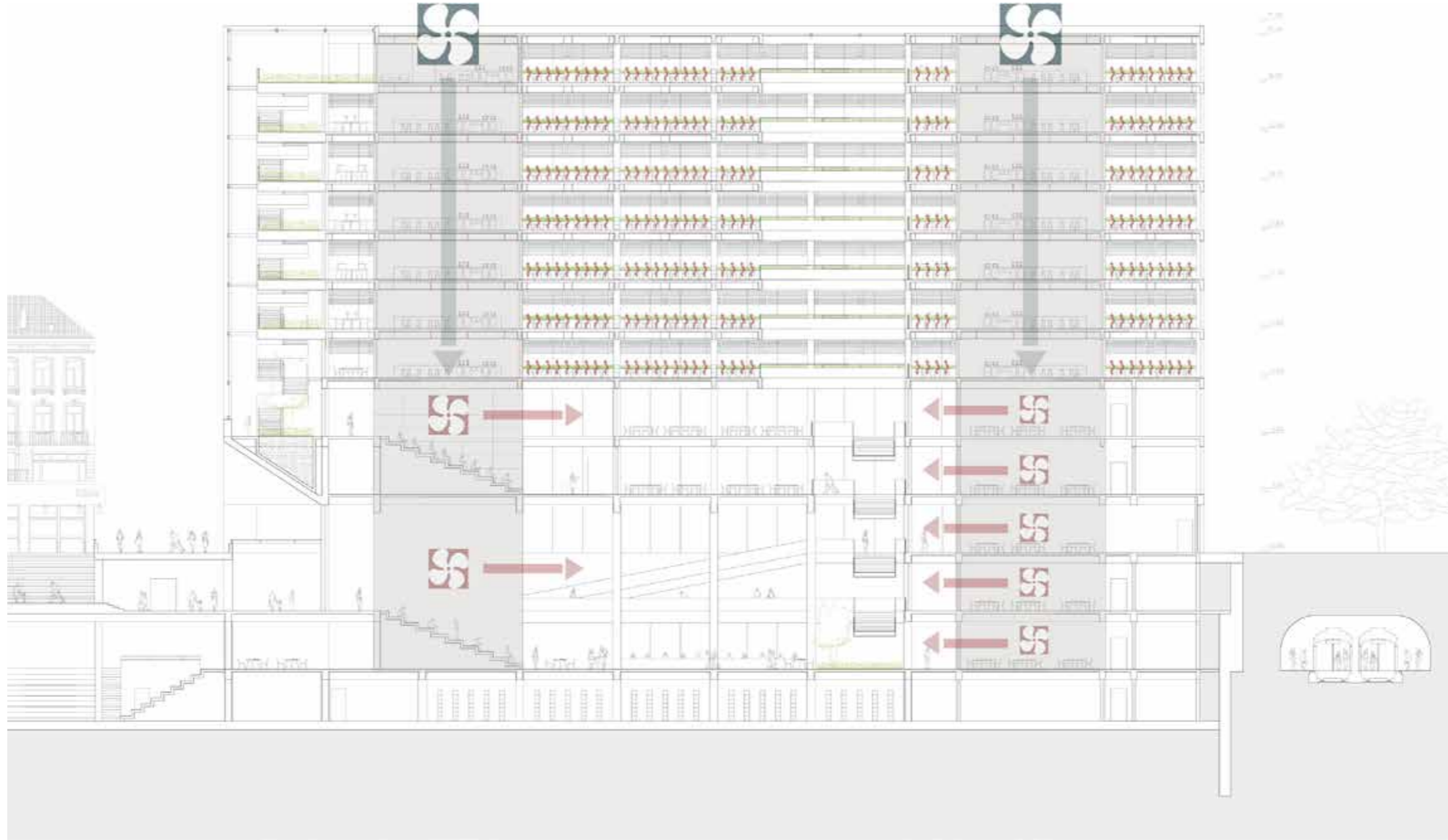


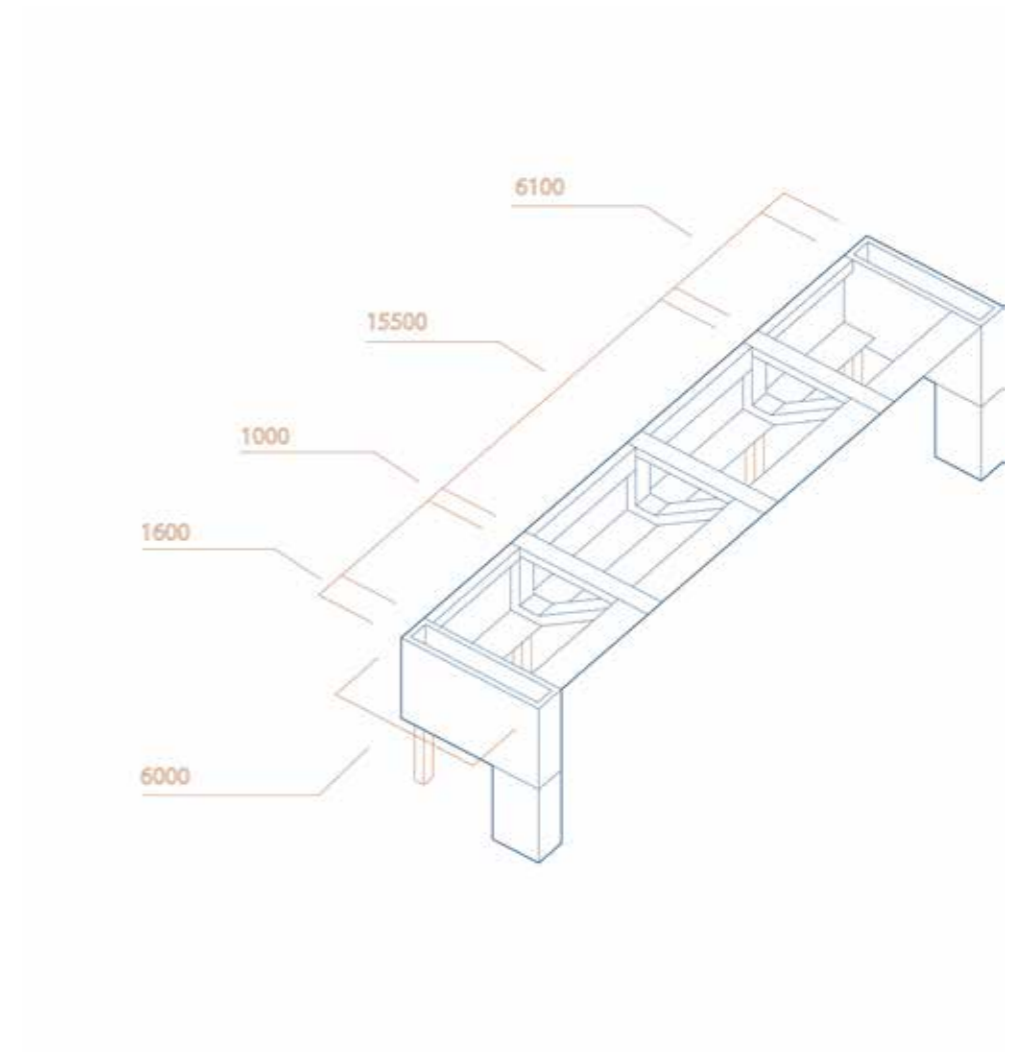
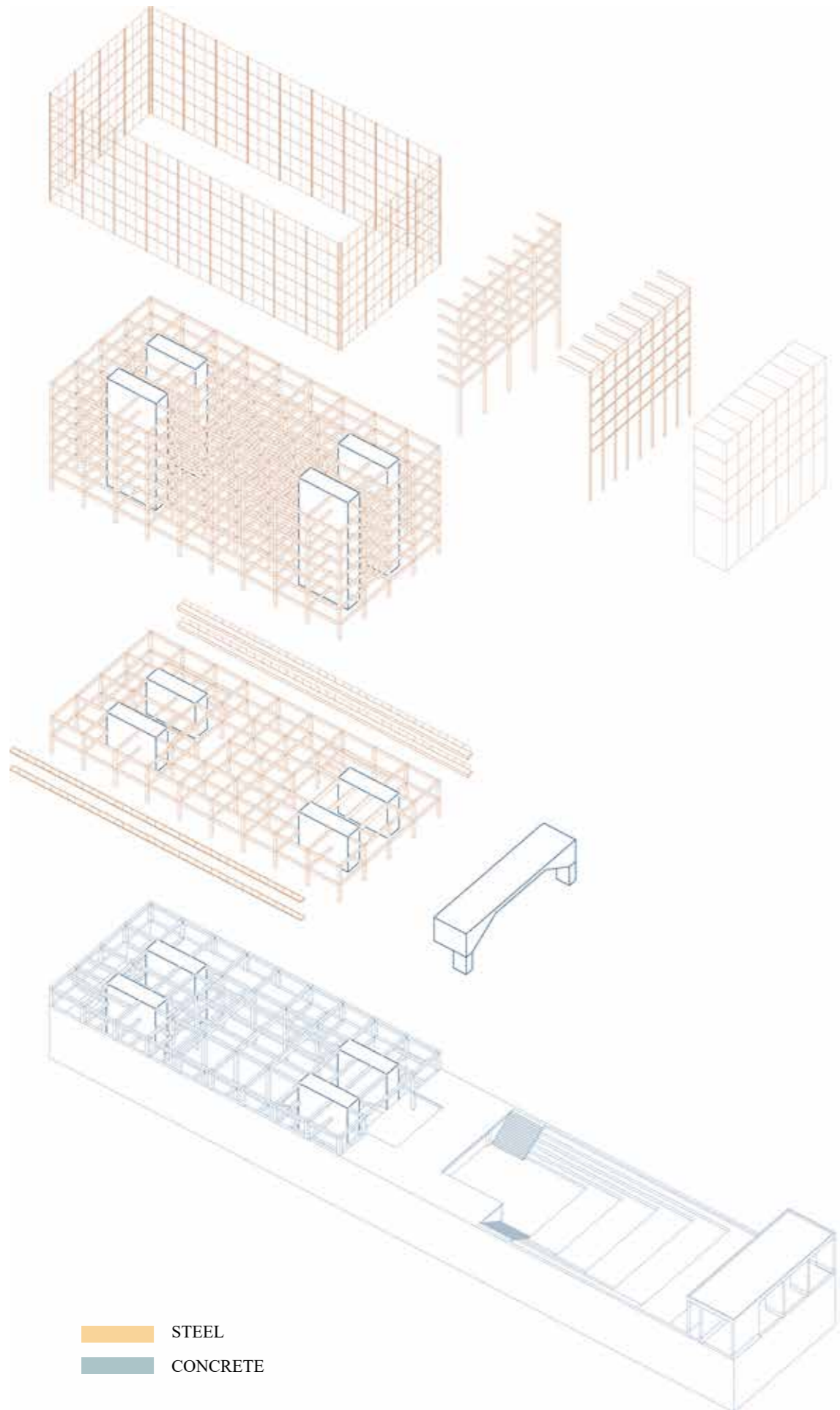




Technical Matters

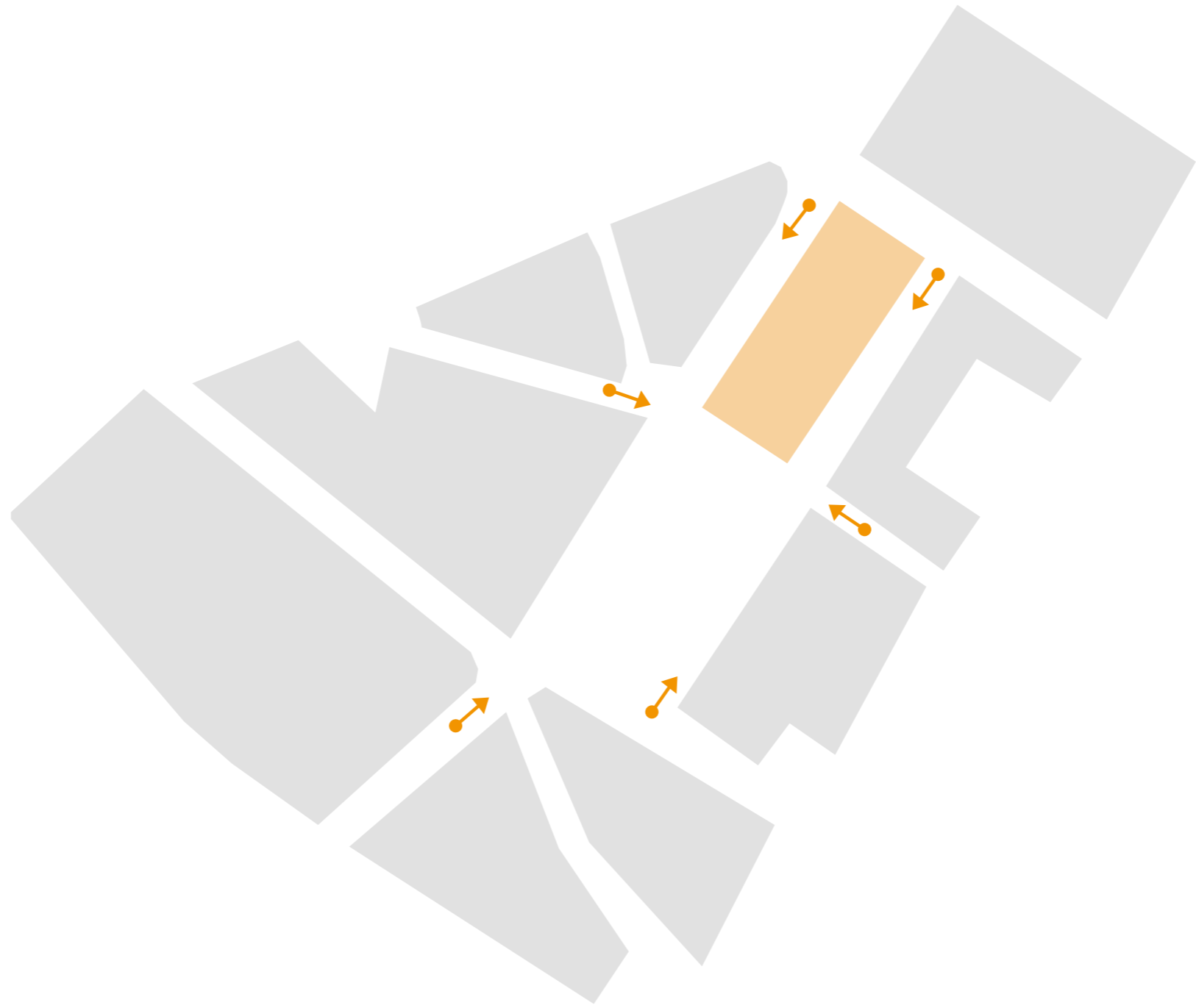






Spatial quality



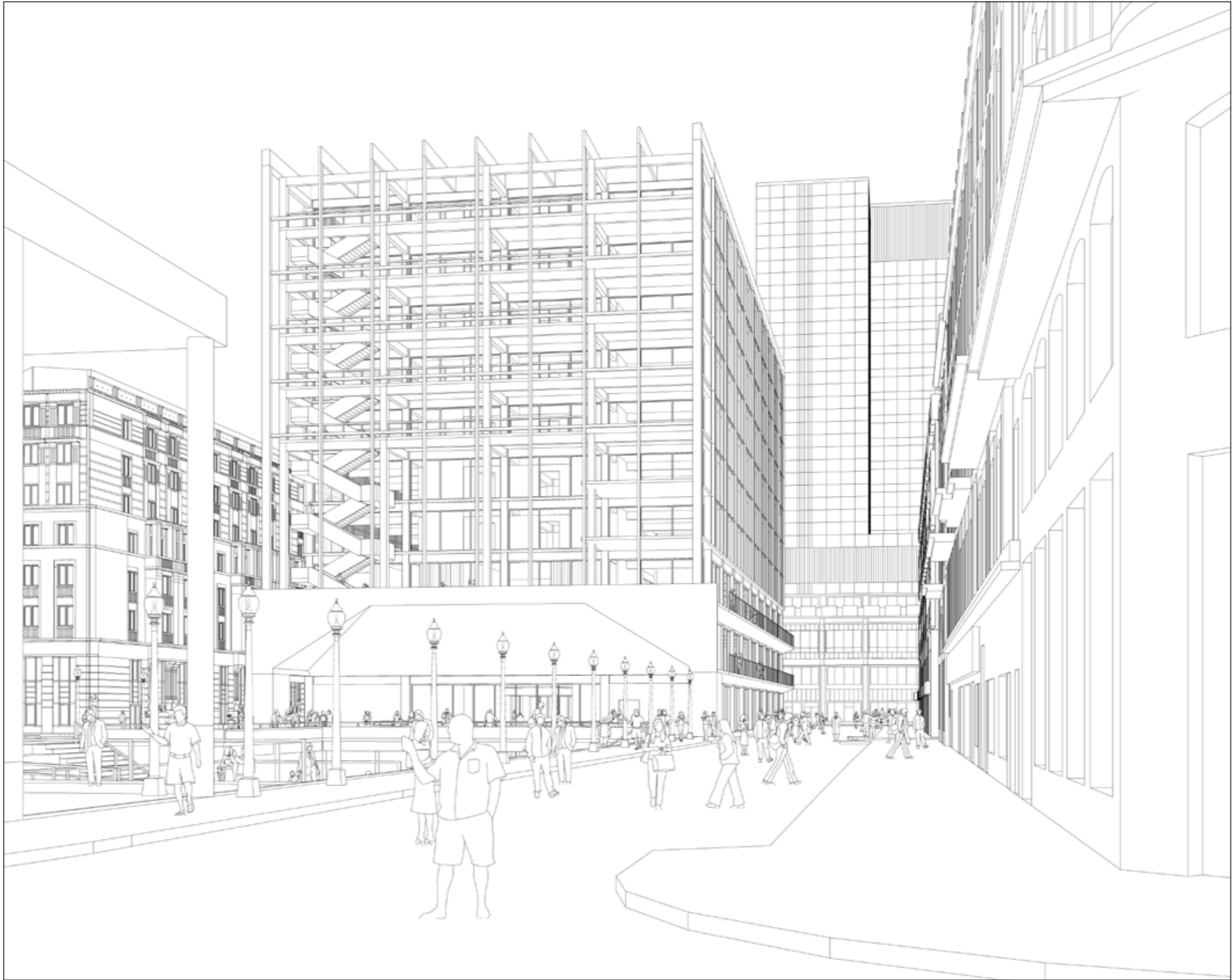






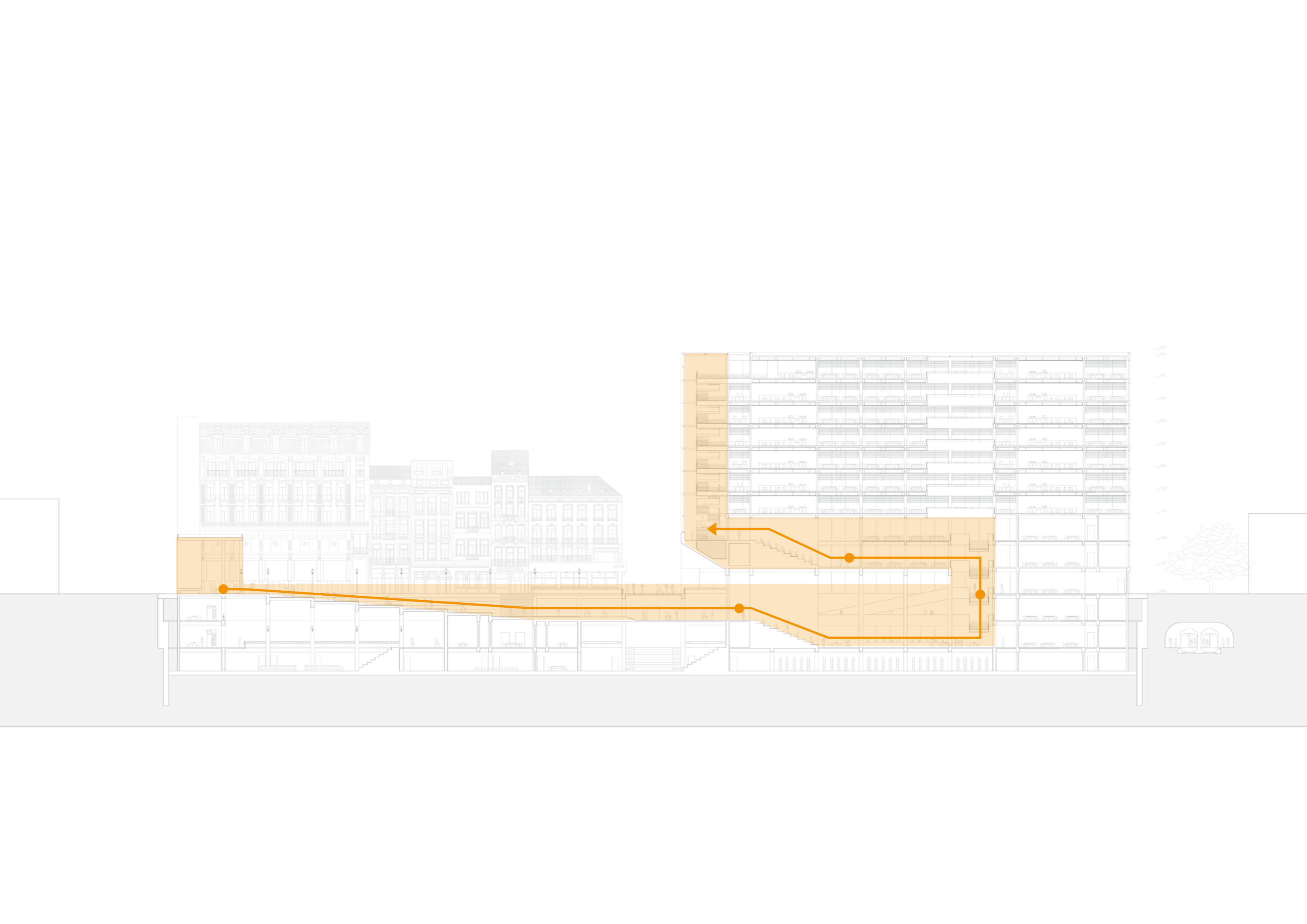




























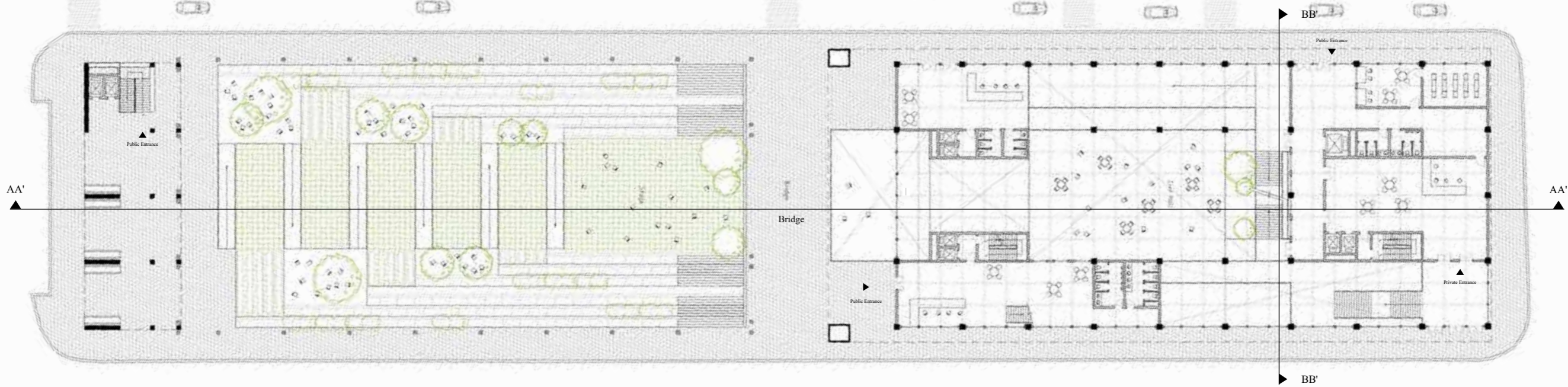




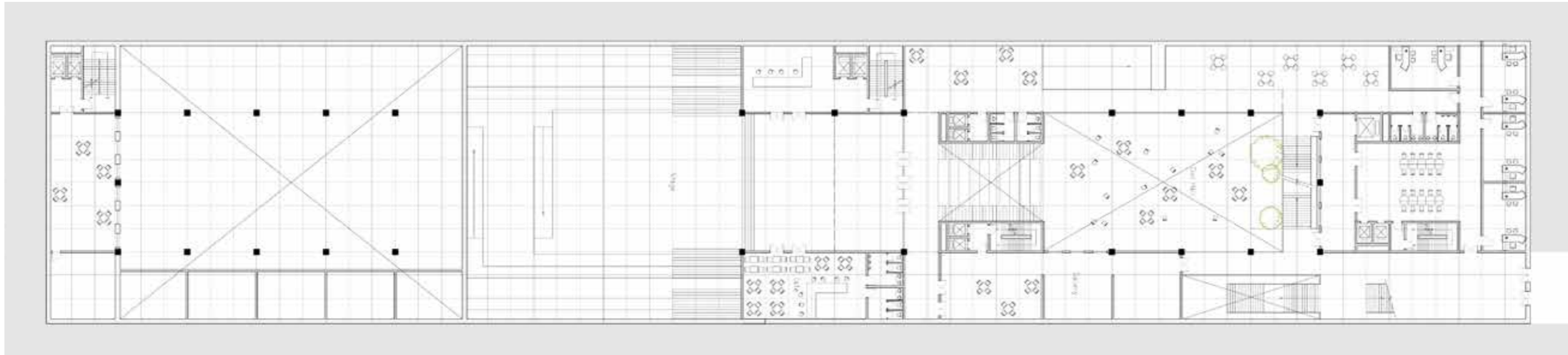
Thank You



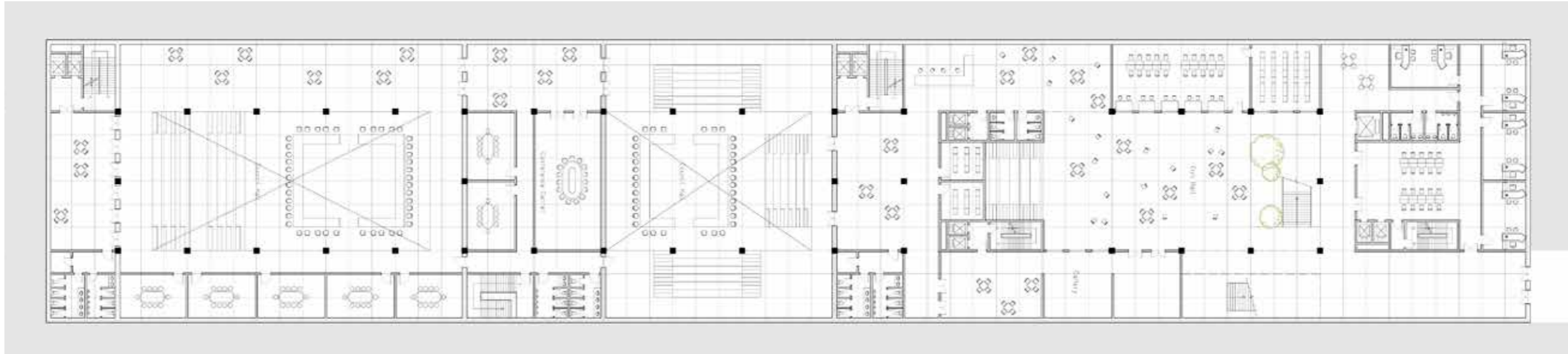
## Appendix



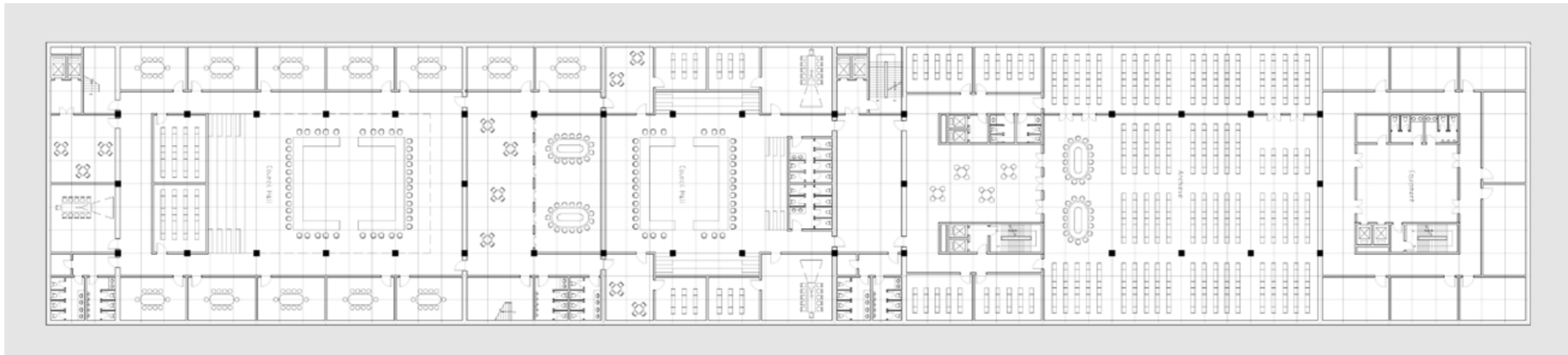
Ground Floor 1: 500 @A3 ↗



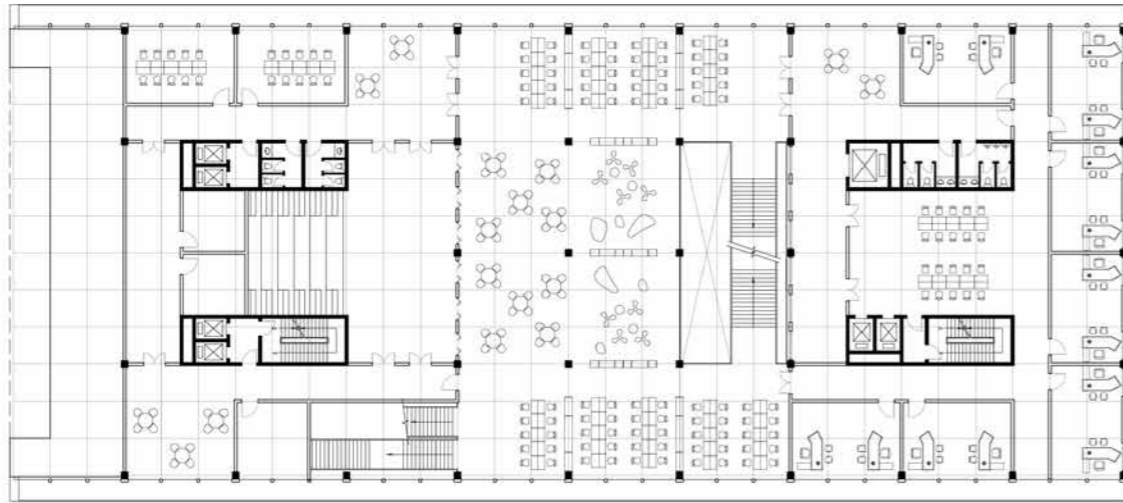
B1 1: 500 @A3



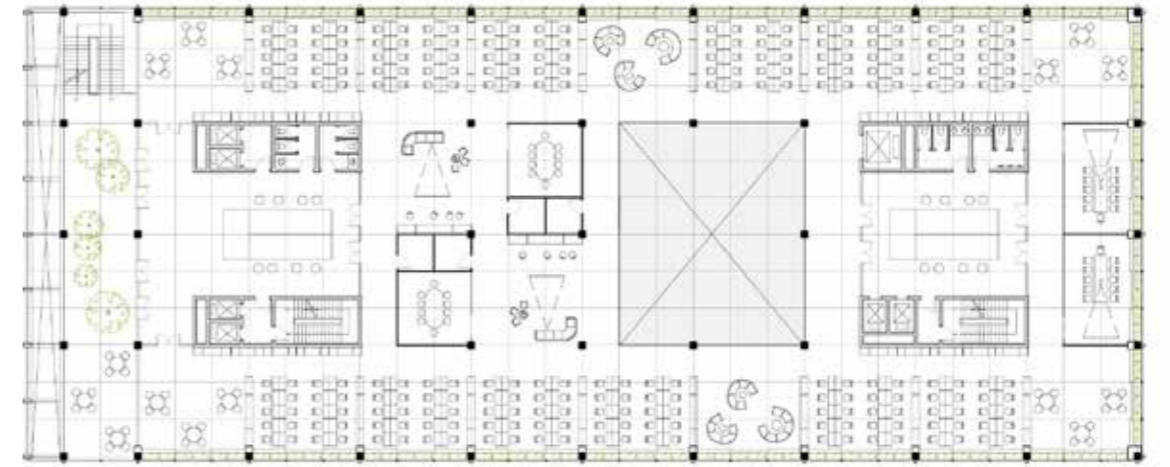
B2 1: 500 @A3



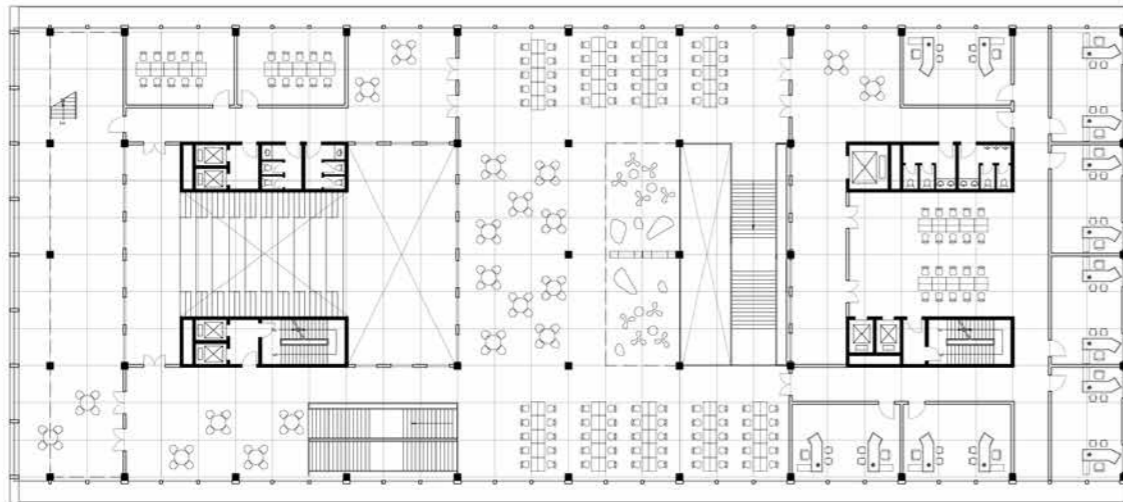
B3 1: 500 @A3



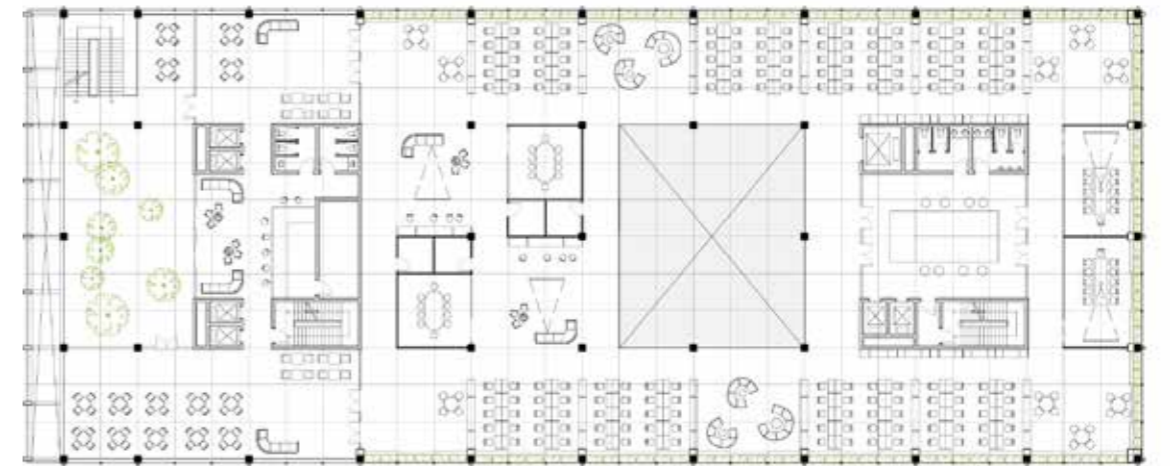
F1 1: 500 @A3



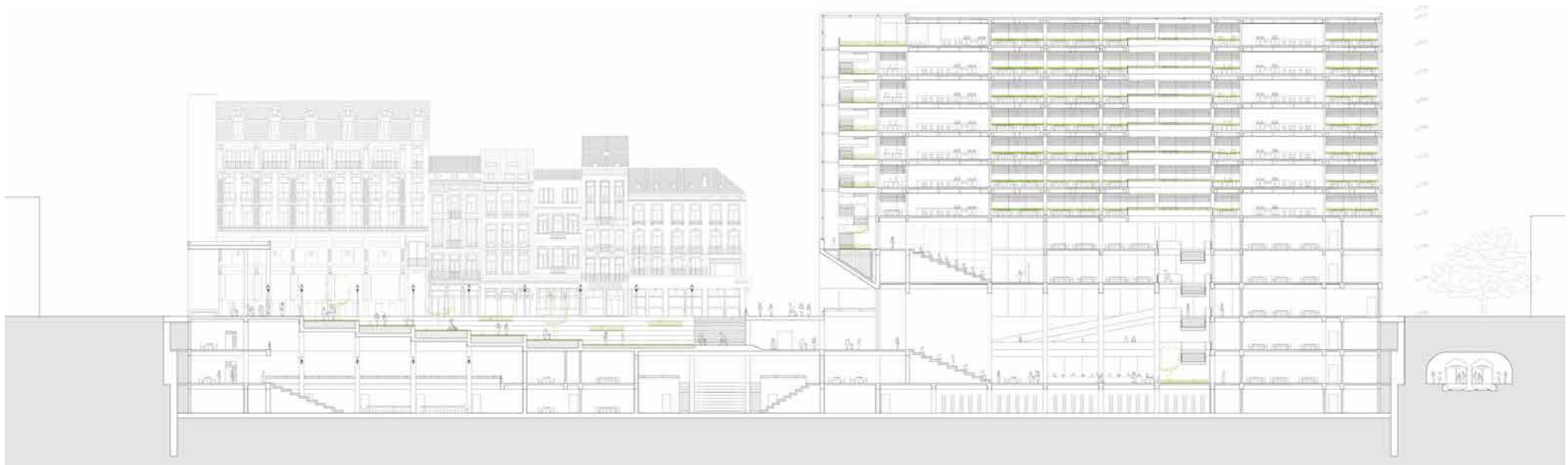
Typical 1: 500 @A3



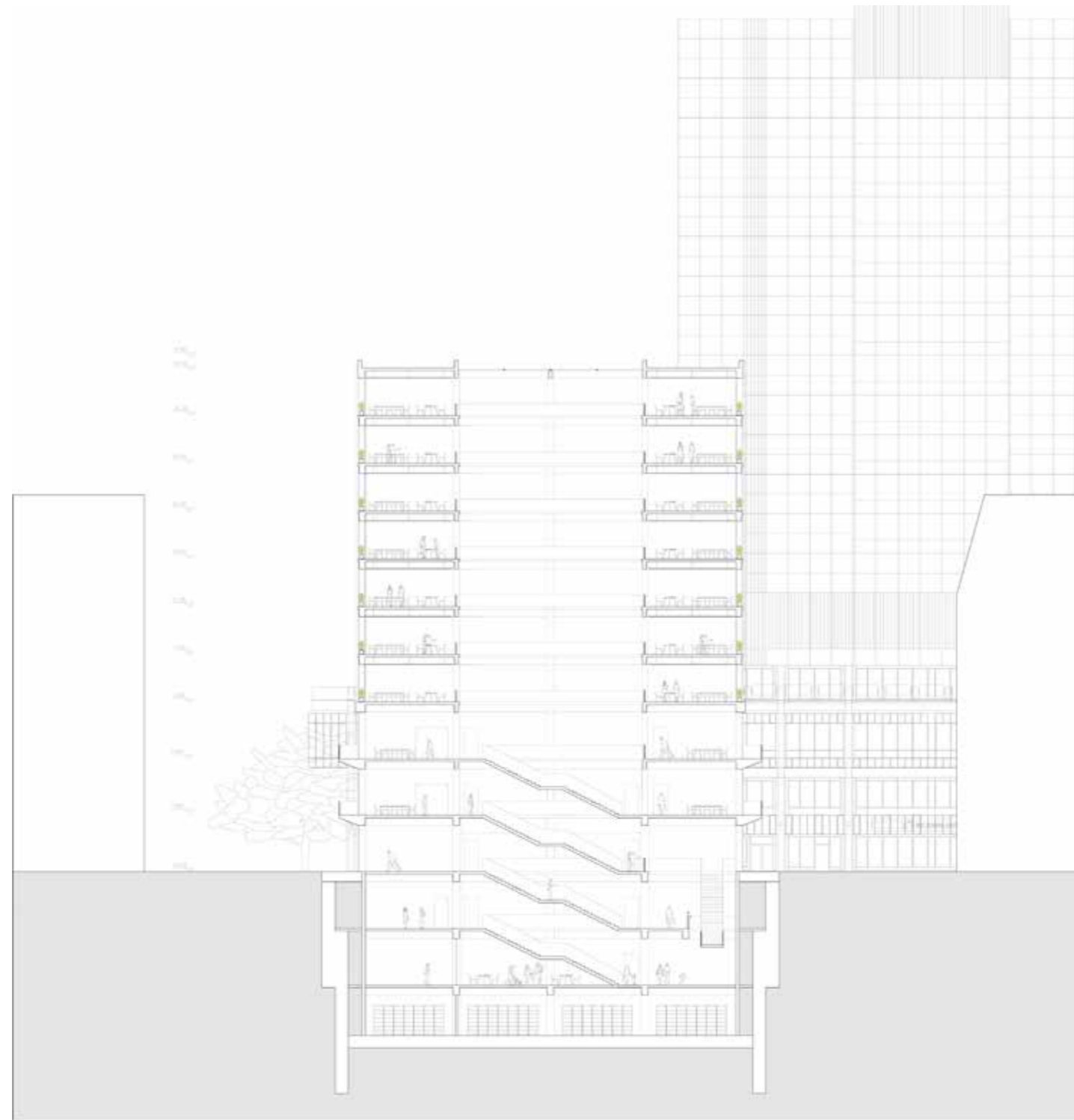
F2 1: 500 @A3



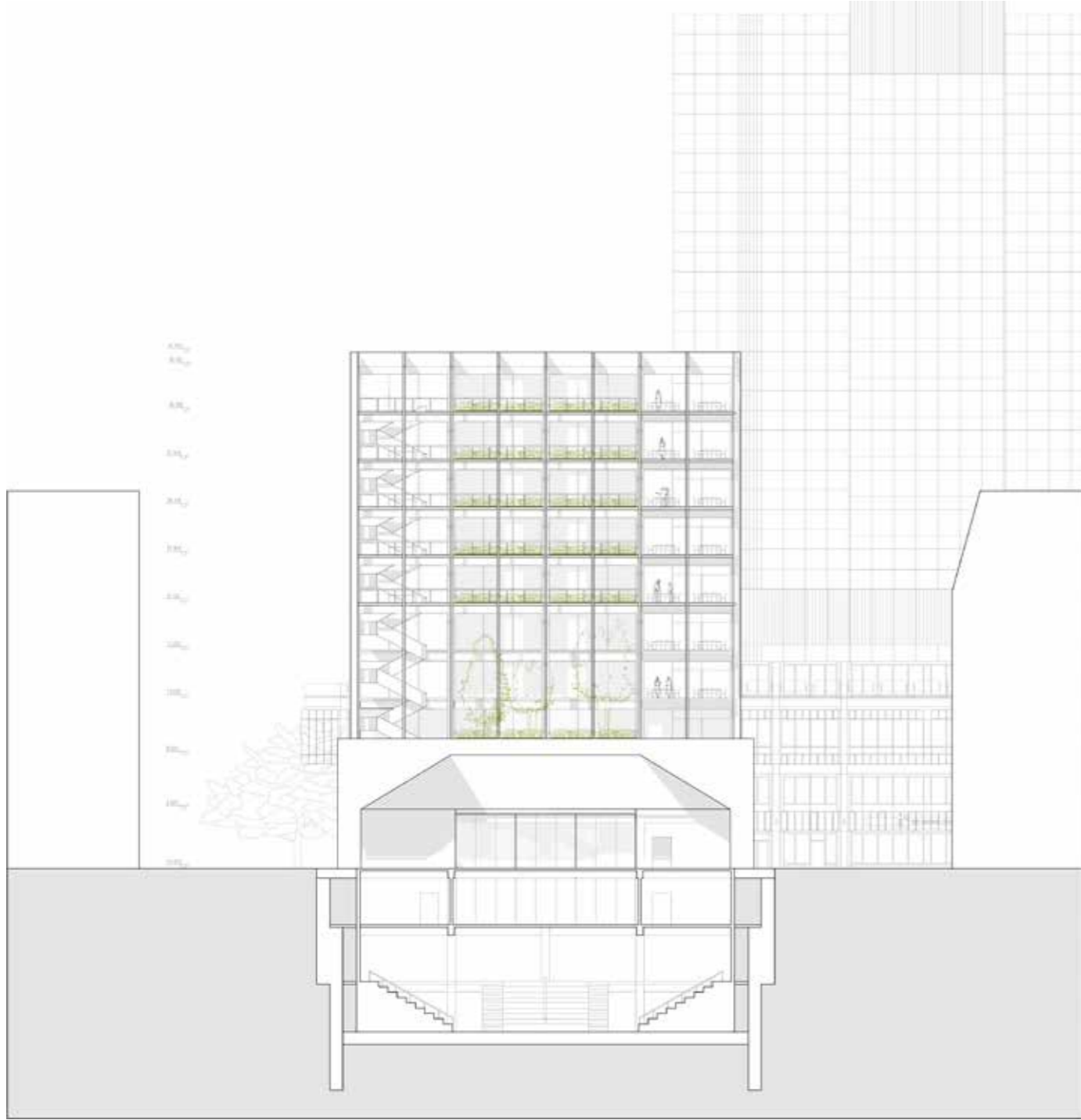
Top Floor 1: 500 @A3



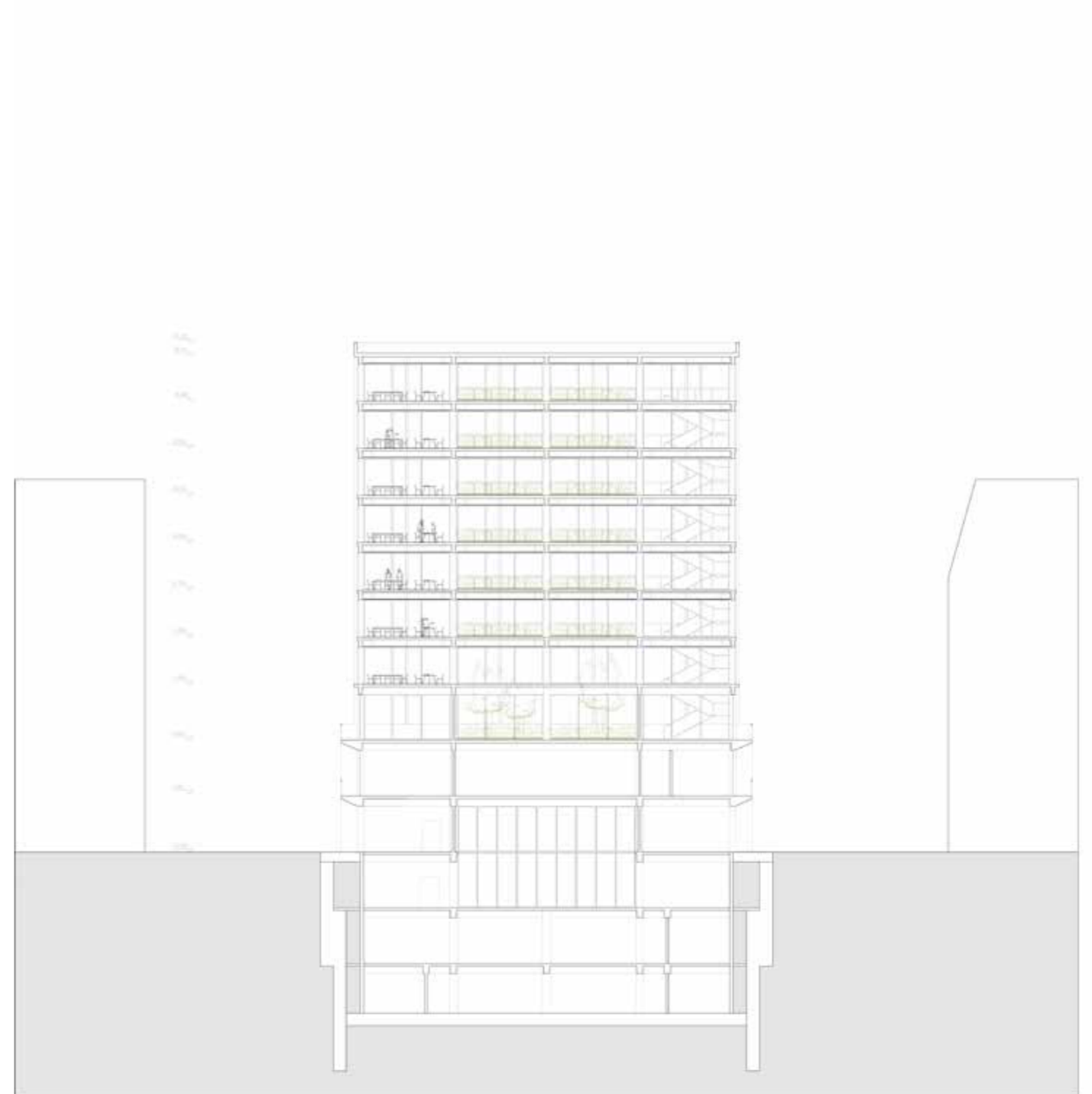
Longitudinal Section AA' 1:500@A3



Cross Section BB' 1:500@A4



South External Facade 1:500@A4



South Internal Facade 1:500@A4

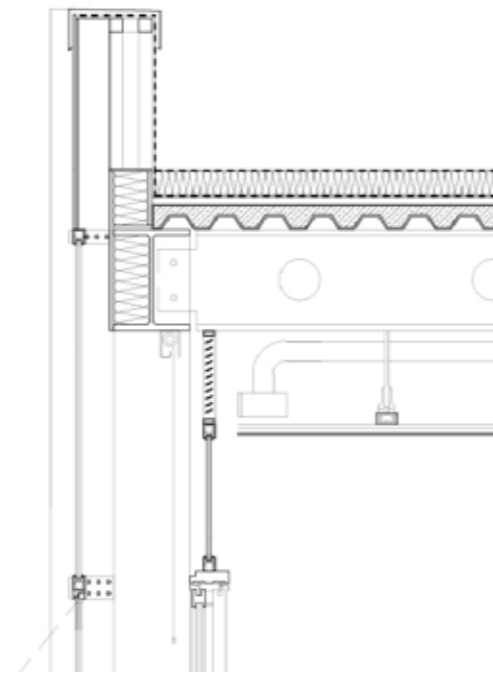
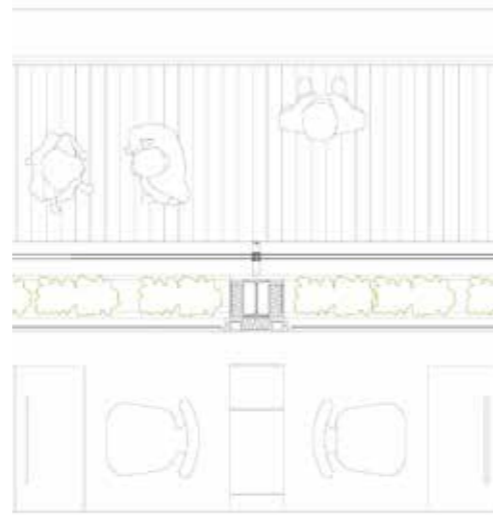
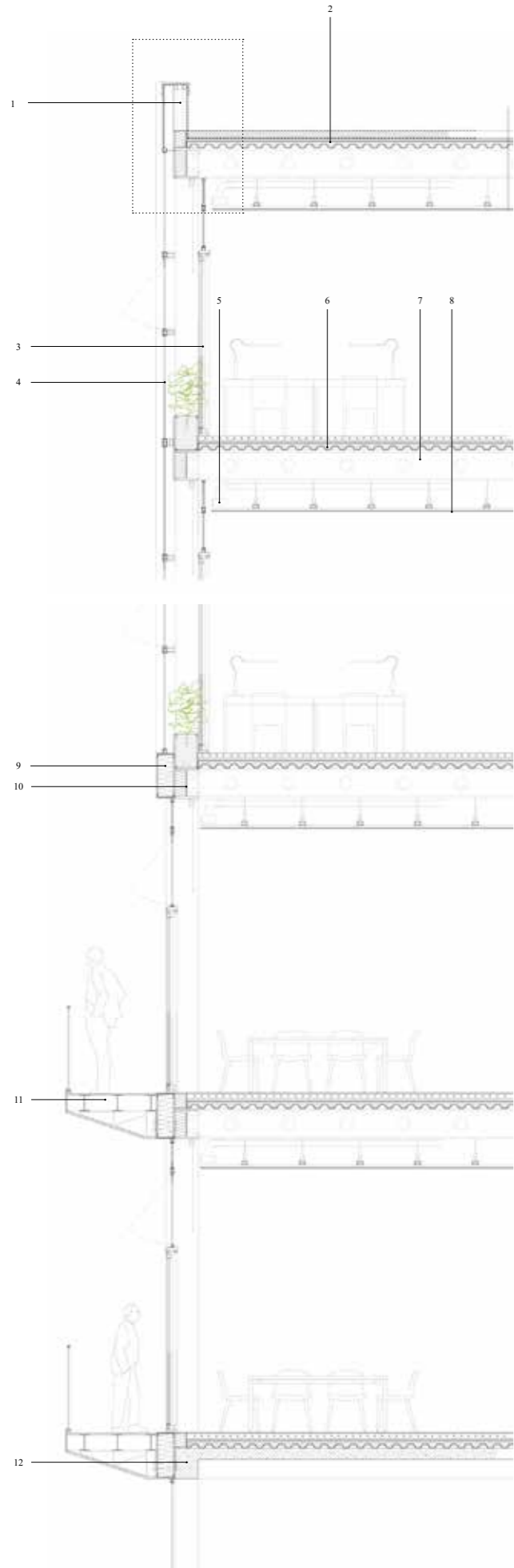


West External Facade 1:500@A4

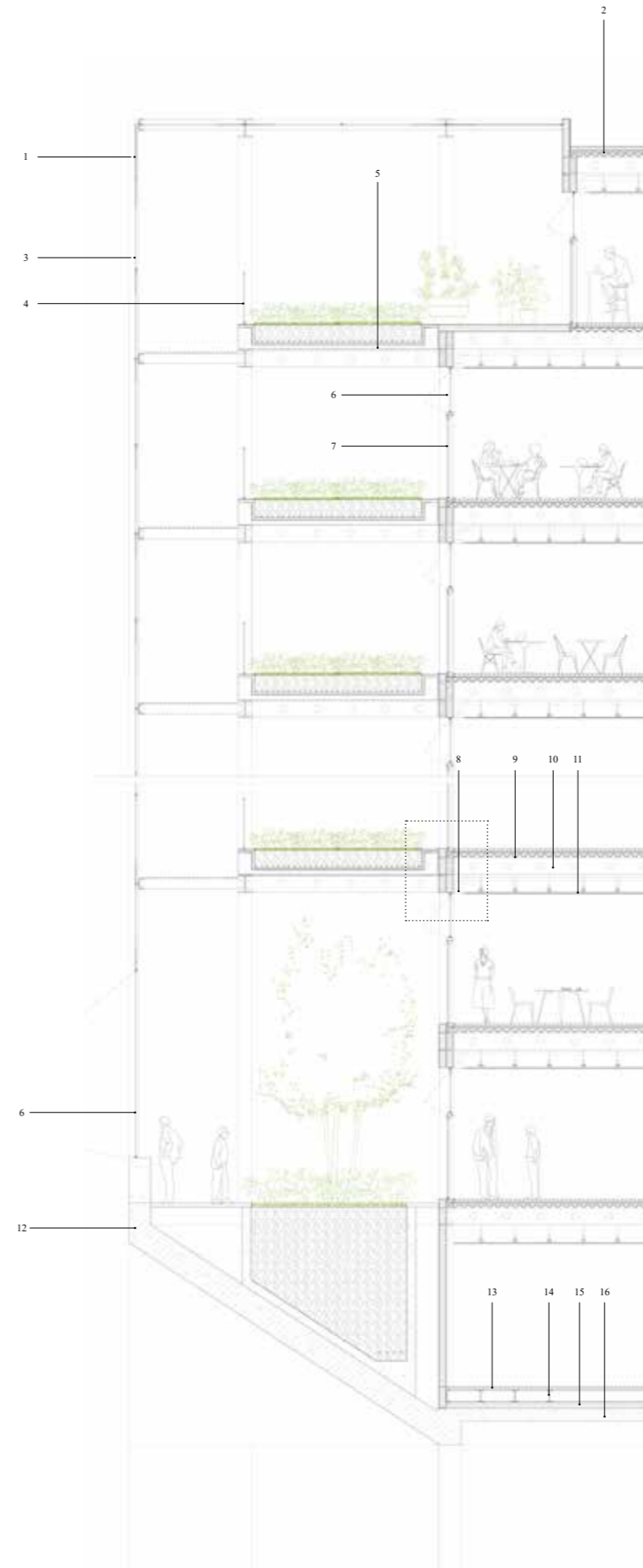




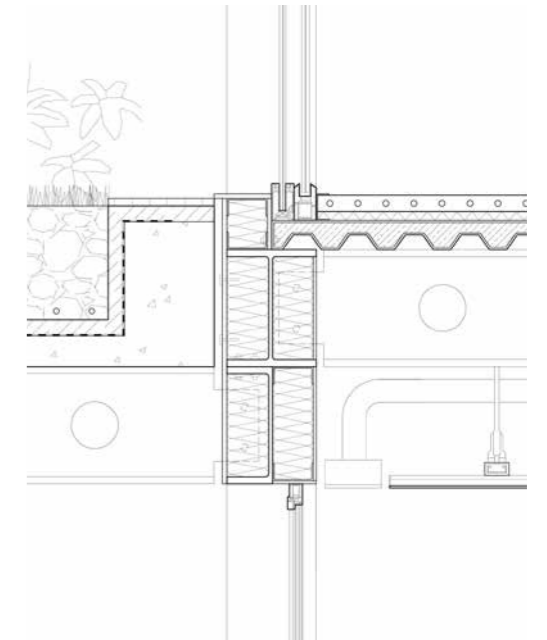
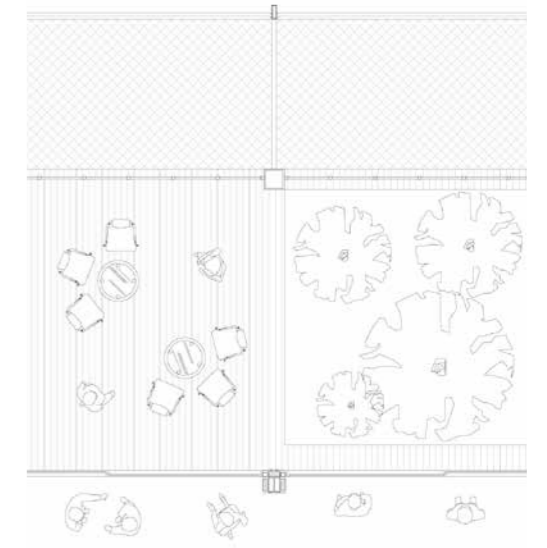
West Internal Facade 1:500@A4



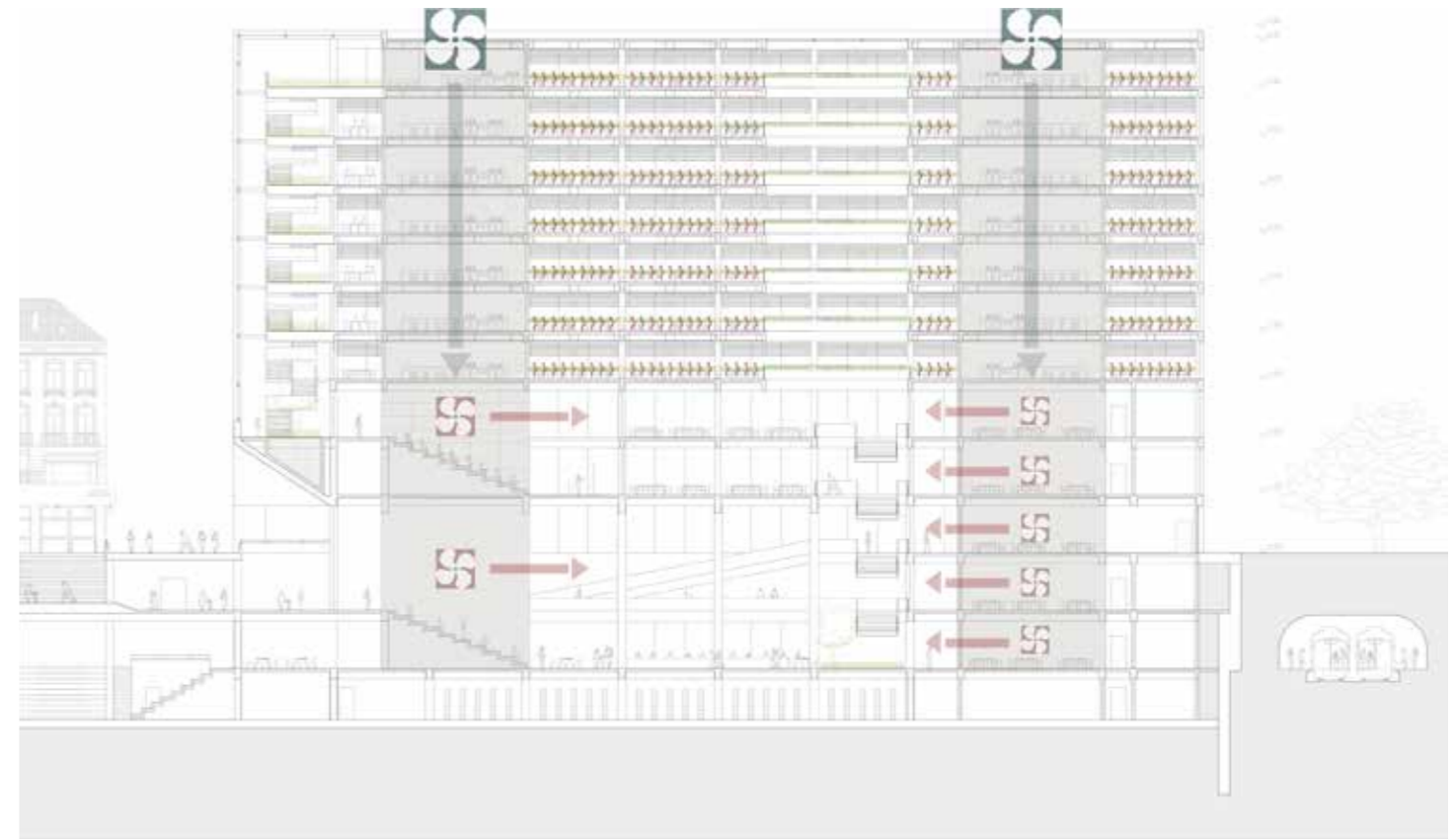
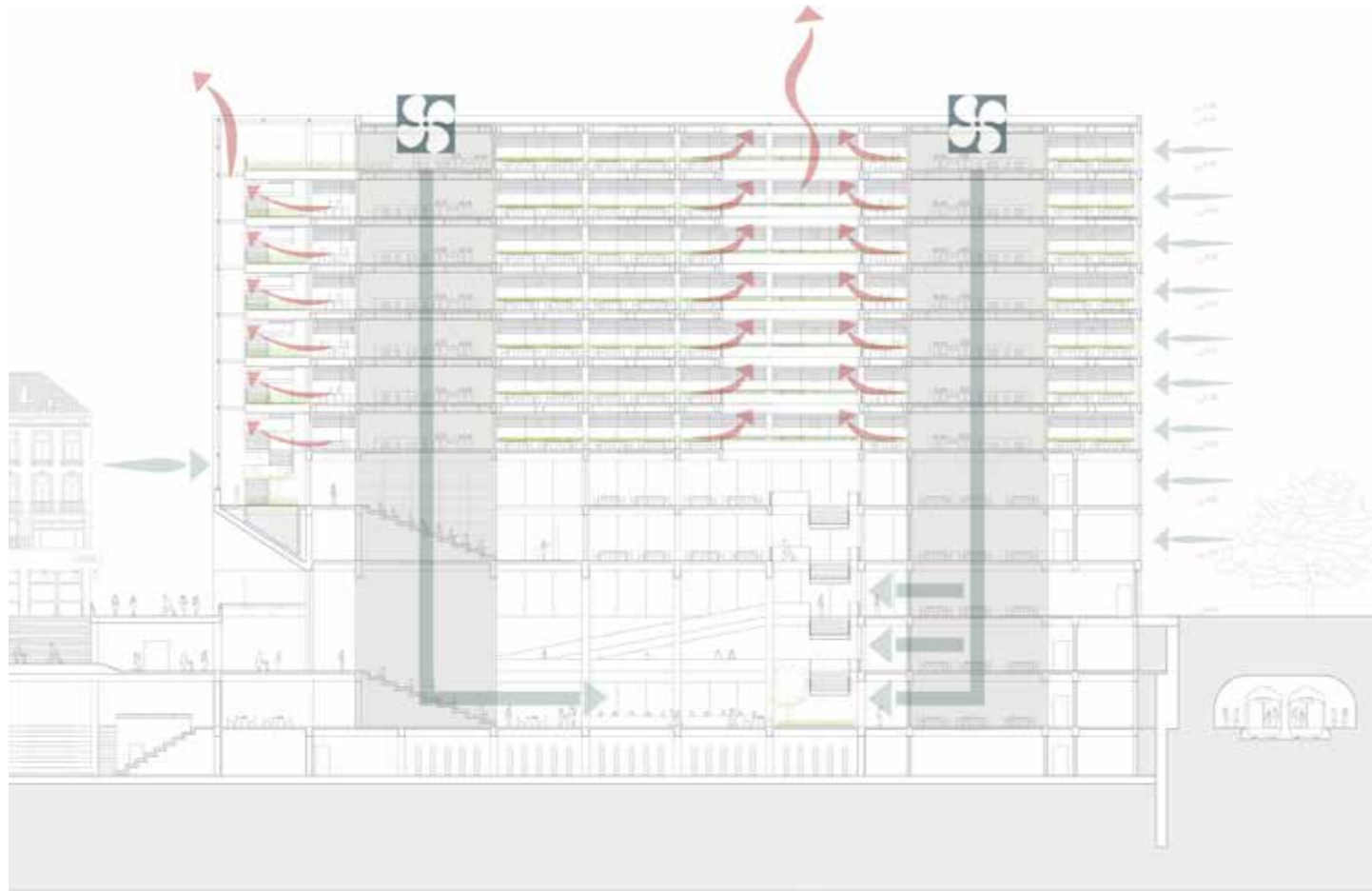
1. coated trapezoidal sheet hollow section
2. composition floor  
concrete sloop  
vapour barrier  
heat insulation  
waterproofing
3. glaze sliding door
4. double glazing
5. ventilation duct
6. composition floor  
sound insulation  
concrete light-weight flooring with plastic piping
7. steel beam
8. suspended ceiling
9. thermal insulation
10. steel I-beam 400mm deep
11. steel structure for the balcony
12. concrete beam



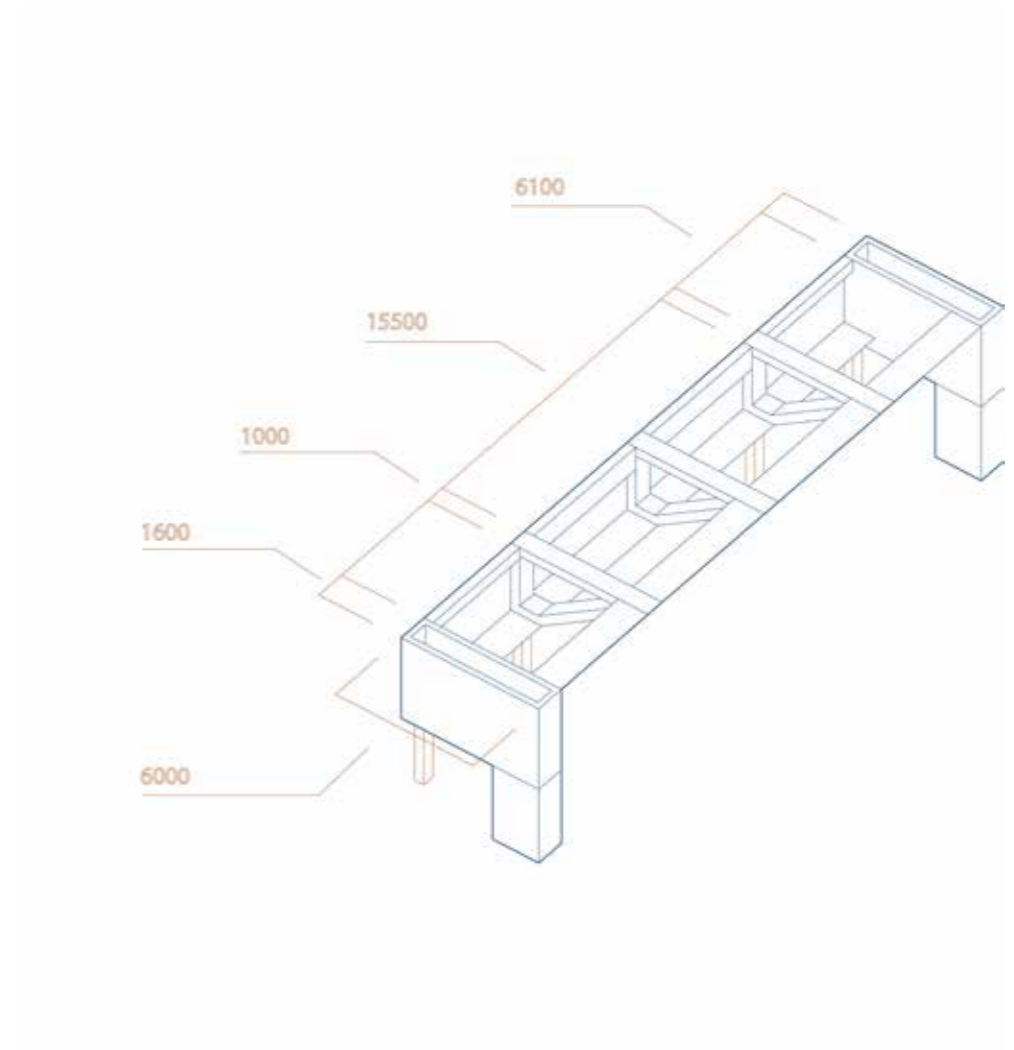
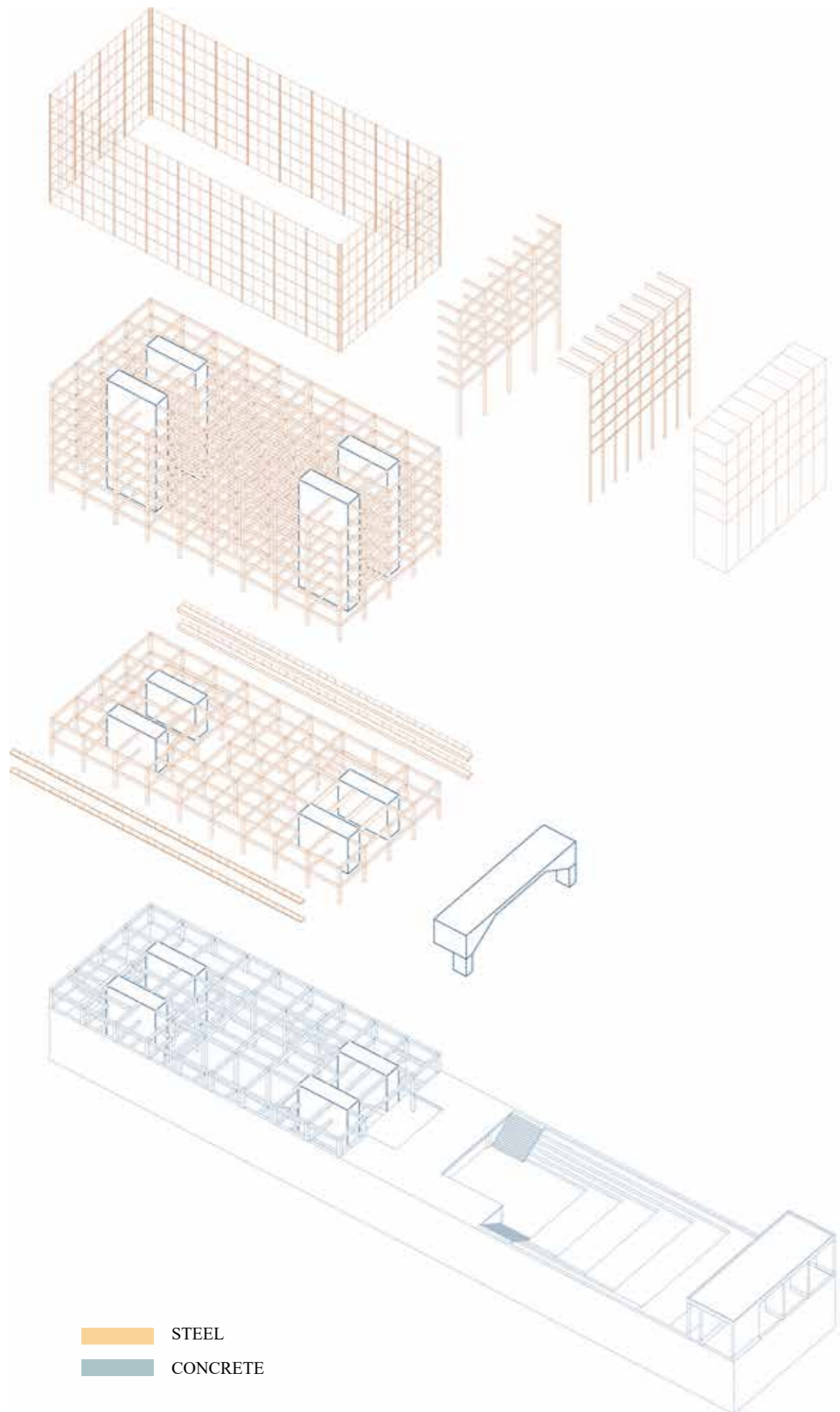
1. vent
2. composition floor  
concrete sloop  
vapour barrier  
heat insulation  
waterproofing
3. single glazing
4. glaze handrail
5. reinforce concrete container  
waterproofing  
gravel  
perforated pipe connecting to basin  
soil mixture: 50% sand, 30% topsoil, 20% compost
6. double glaze window
7. glass sliding door
8. ventilation duct
9. composition floor  
sound insulation  
concrete flooring with plastic piping
10. steel beam
11. suspending ceiling
12. concrete soil container
13. concrete flooring with plastic piping
14. steel I-beam
15. thermal insulation
16. concrete floor



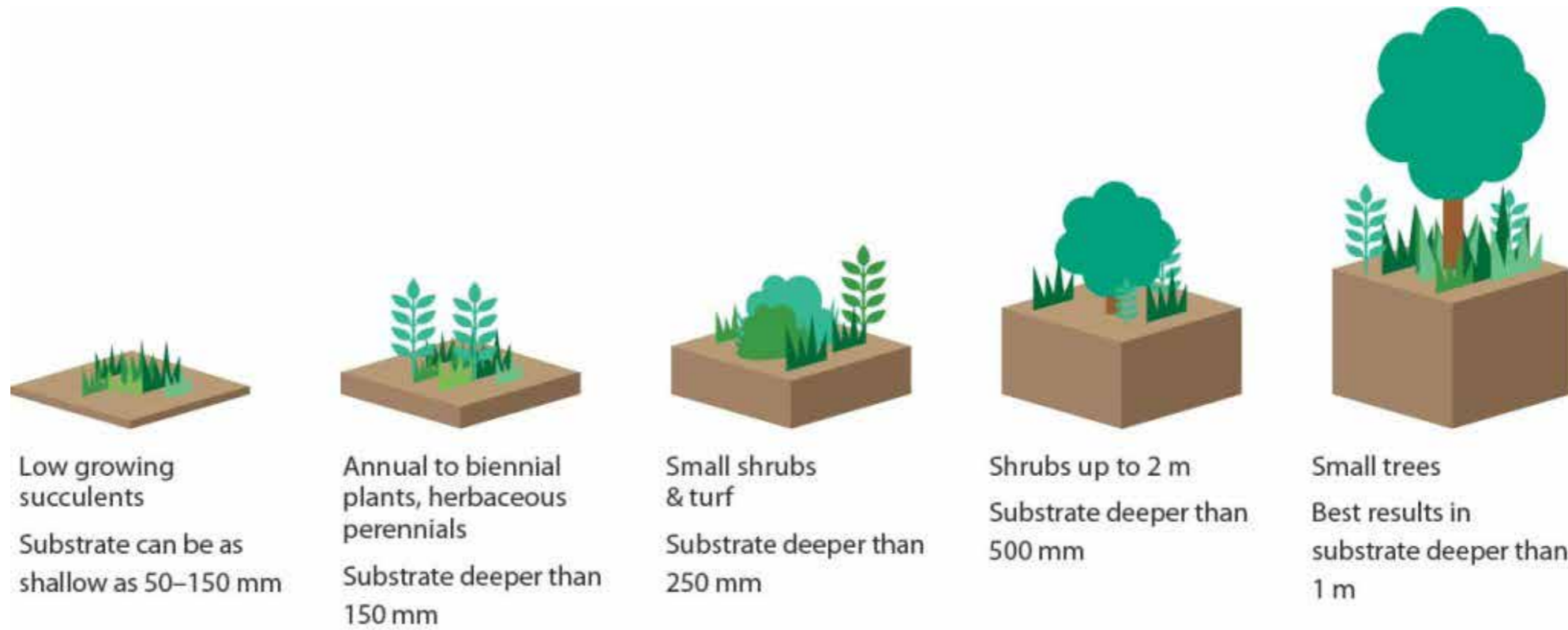
Climate



Structure



Plants



*Jacaranda mimosifolia*



*Geijera parviflora*



*Malus ioensis* 'Plena'



*Ulmus parvifolia*

Collages



Collages



Collages





Models



Models



Models

