



# CONTENT

## **(Historical) context**

### **Problem statement**

Obsolete buildings

Densification

Identity

## **Research questions**

### **Building design**

Transformation

Local character

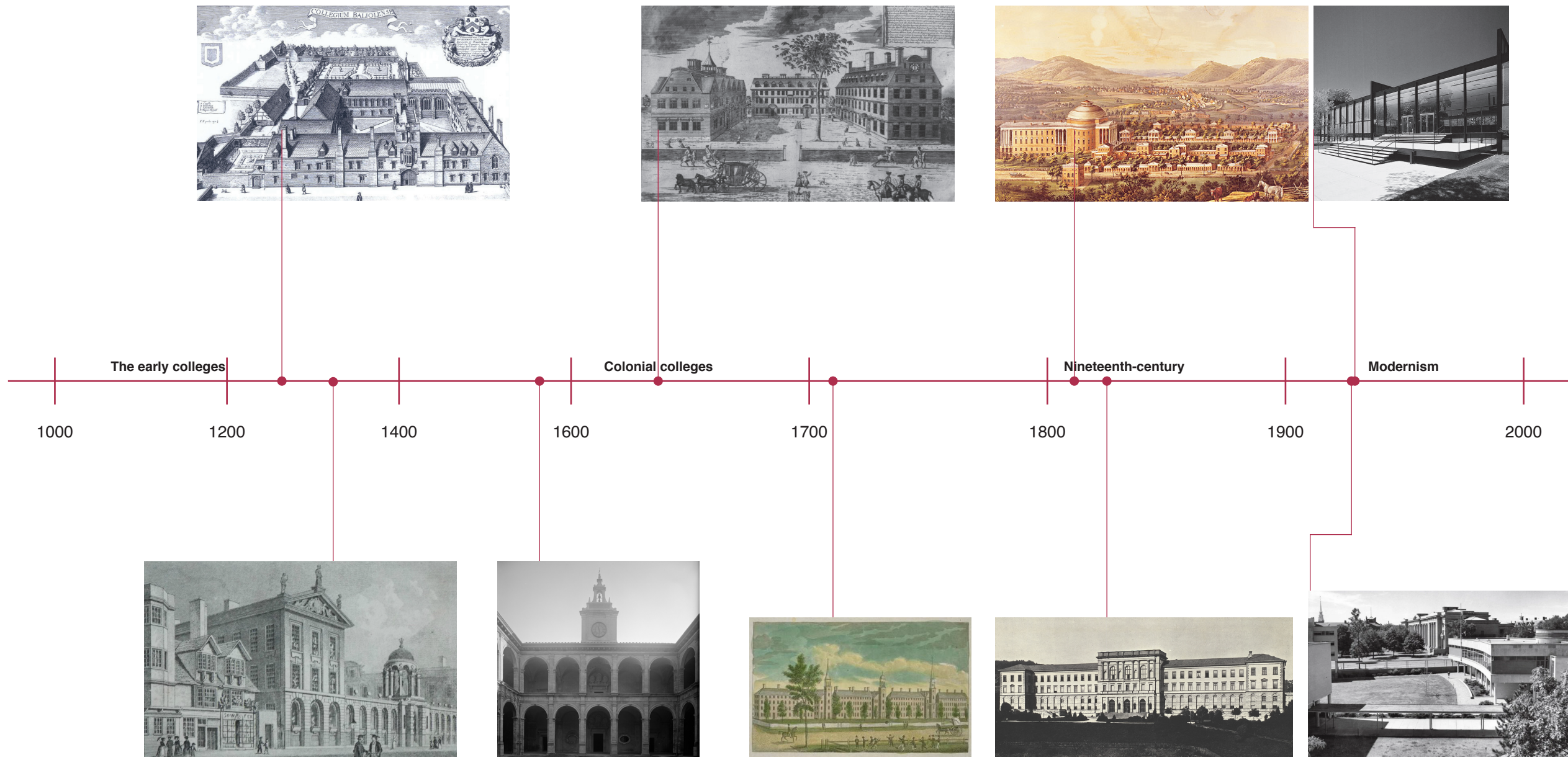
Programme

Technical design

Building design

## **Conclusion**

# HISTORY OF THE CAMPUS



## RELOCATING CAMPUSES

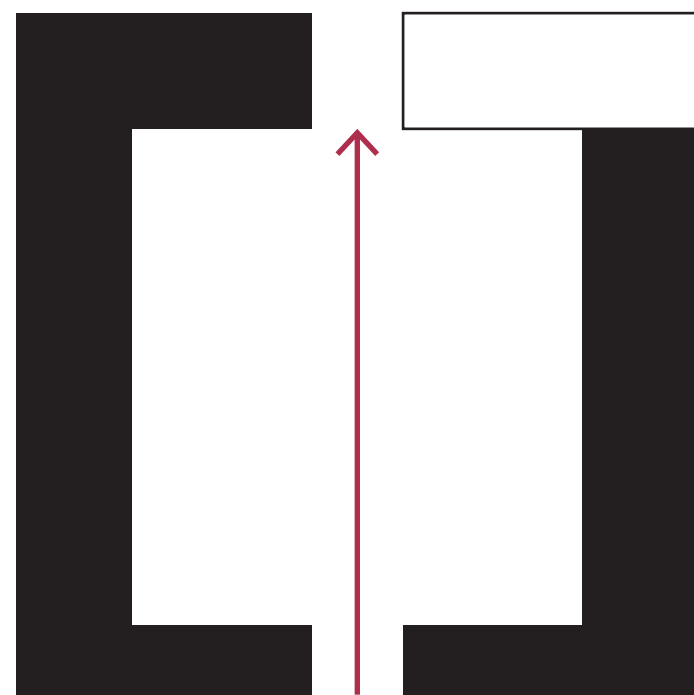


University of Oxford

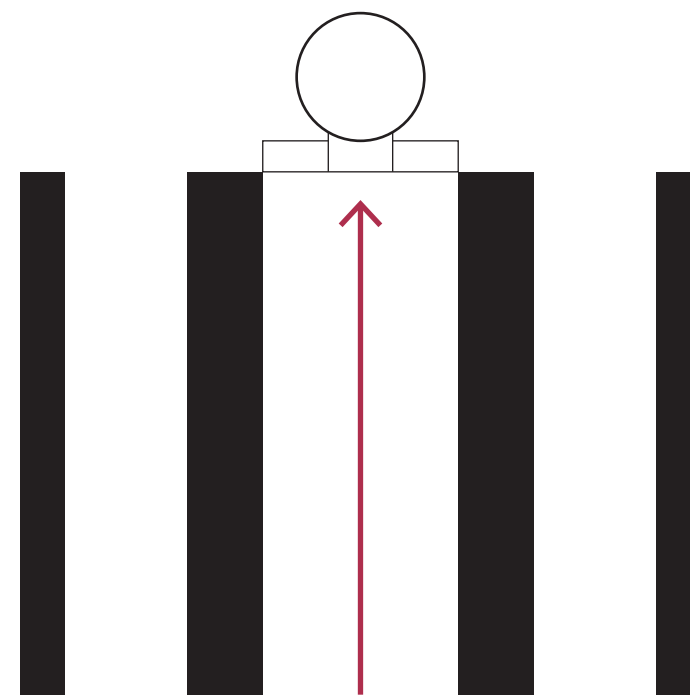


University of Virginia

## CHANGE IN UNIVERSITY DESIGN



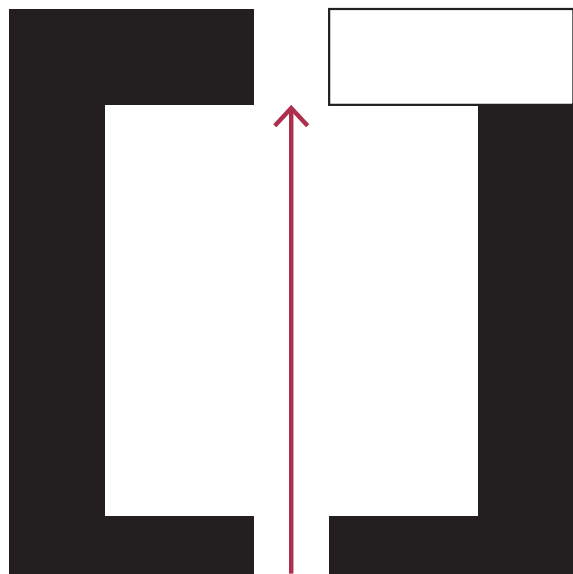
Queens college (1341)



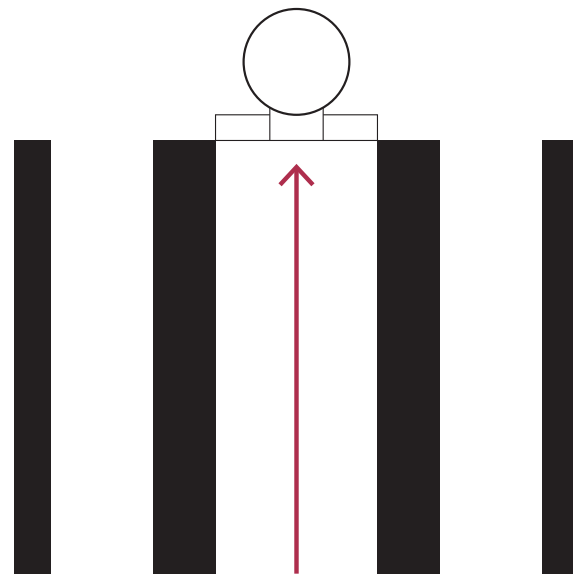
Univeristy of Virginia (1819)

# FUTURE OF CAMPUSES?

In the city



Outside the city





# THE HAGUE AS PART OF THE RANDSTAD



# THE IDENTITY OF THE HAGUE



Local character



Corporate & Political



Leisure



## THE HAGUE AS POLITICAL CITY

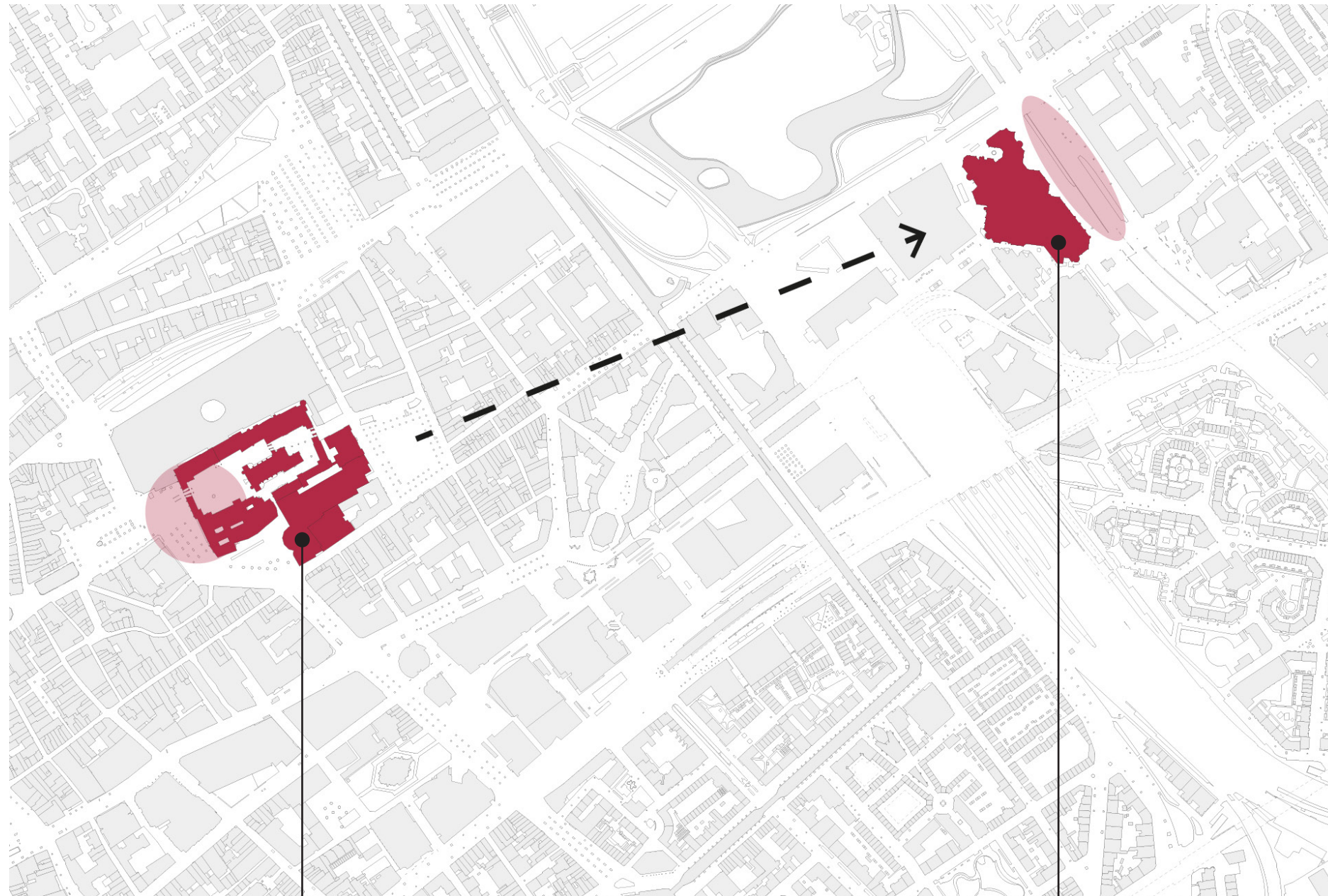




“A key question surfacing throughout these explorations has been that of the **“events”** or **combinations of social activities** that take place in **architectural spaces**, and the way in which the **pressure** exerted by **these events** informs both **the making of buildings** and the development of **new urban strategies”**

(Tschumi, 1994)

## RELOCATING INTERESTS





## LOCAL CHARACTER



Snack vis kiosk



Betaalbare romantiek



Havana (Berlage) kiosk



# HORIZONTAL NETWORK OF KIOSKS THE HAGUE



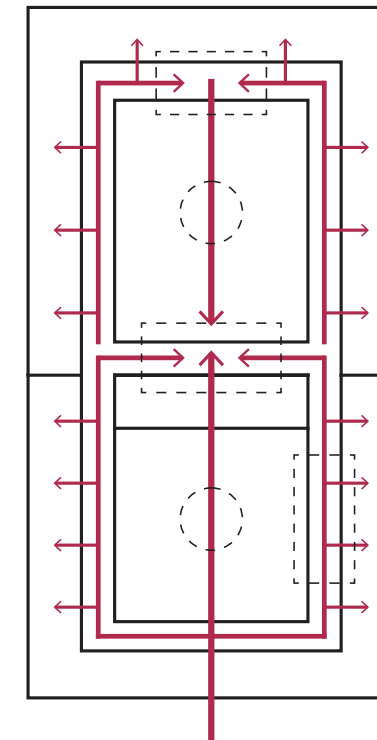
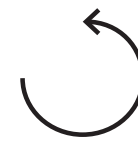
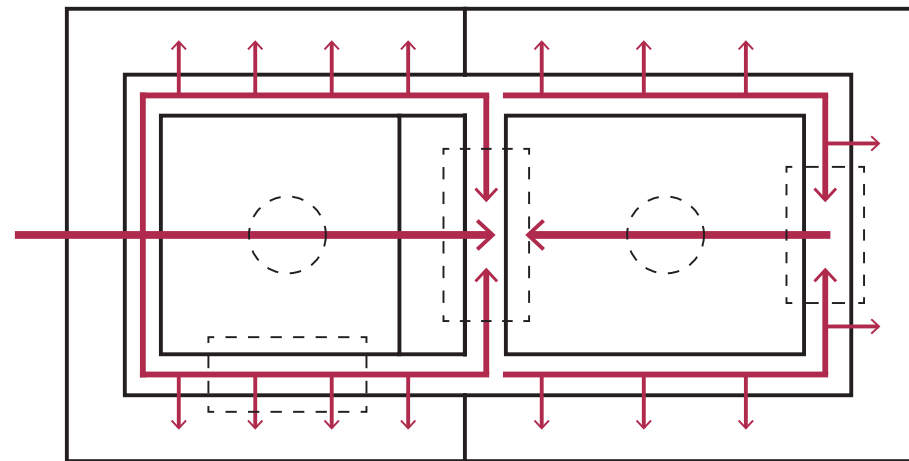


# VERTICAL NETWORK OF KIOSKS THE HAGUE





# HORIZONTAL TO VERTICAL CIRCULATION



# PROMOTE VERTICAL CIRCULATION





# HIGHLY CORPORATE





## ANONYMOUS FLOORS



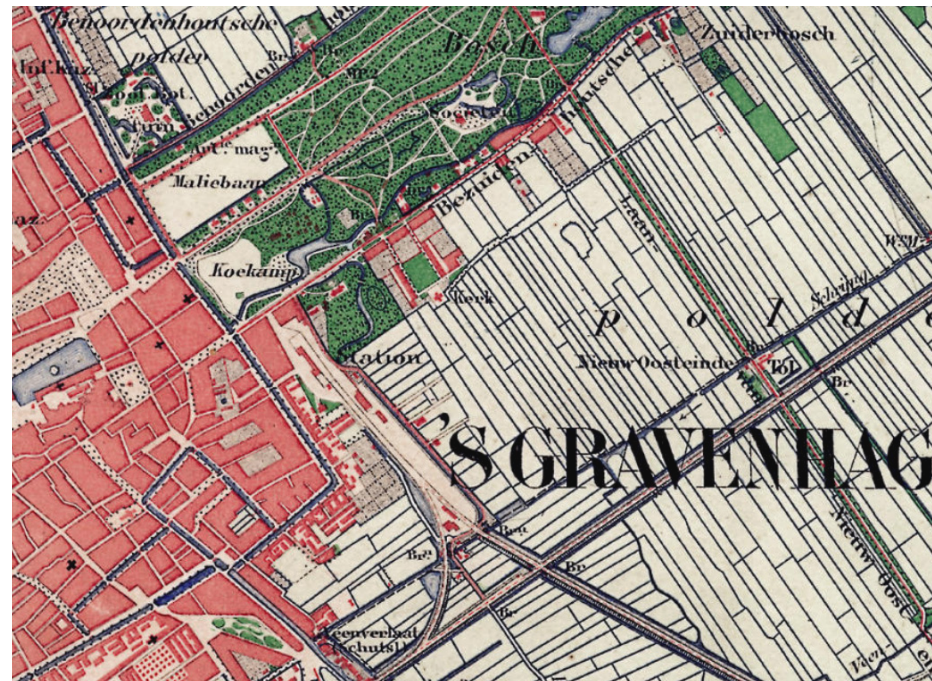


## LOCATION





## SPACIOUS PLOT OR COMPACT CITY ?

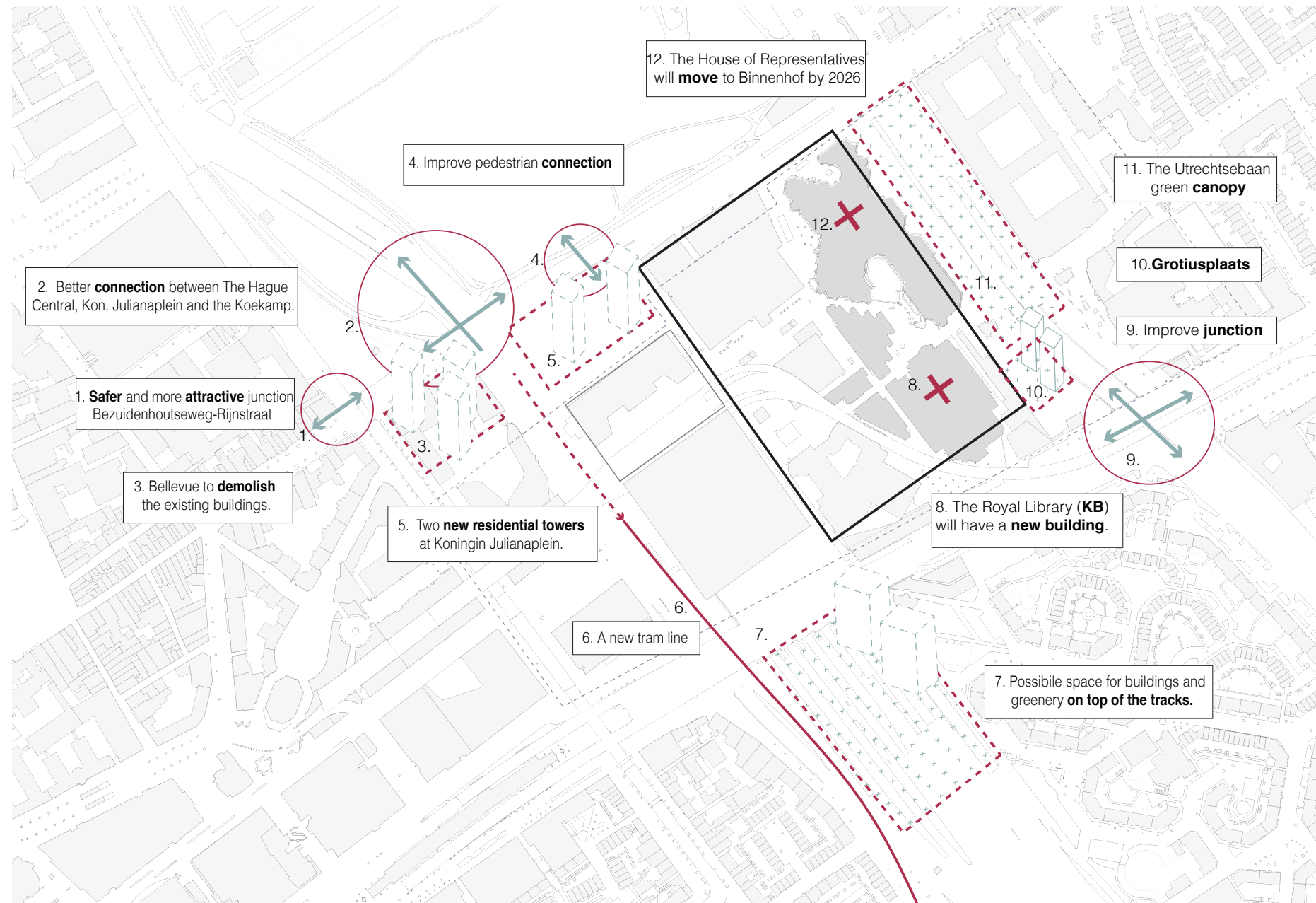


1877



1957

# MUNICIPALITY OF THE HAGUE





“Campuses which are **horizontally scaled** may meet their expansion requirements by gradually changing to a **vertical scale** as they construct taller buildings”

(Dober, 1964)

## OBSOLETE BUILDINGS THE HAGUE



Tax office PTT



Office 'Stichthage'



Ministry of Social Affairs and Employment

EMPTY OFFICE BUILDINGS THE NETHERLANDS

Relative vacancy by use function, 1 January



# OBSOLETE BUILDINGS






“In the vertical environment . . . the manner in which they  
[the floors] are stacked and then linked is critical”

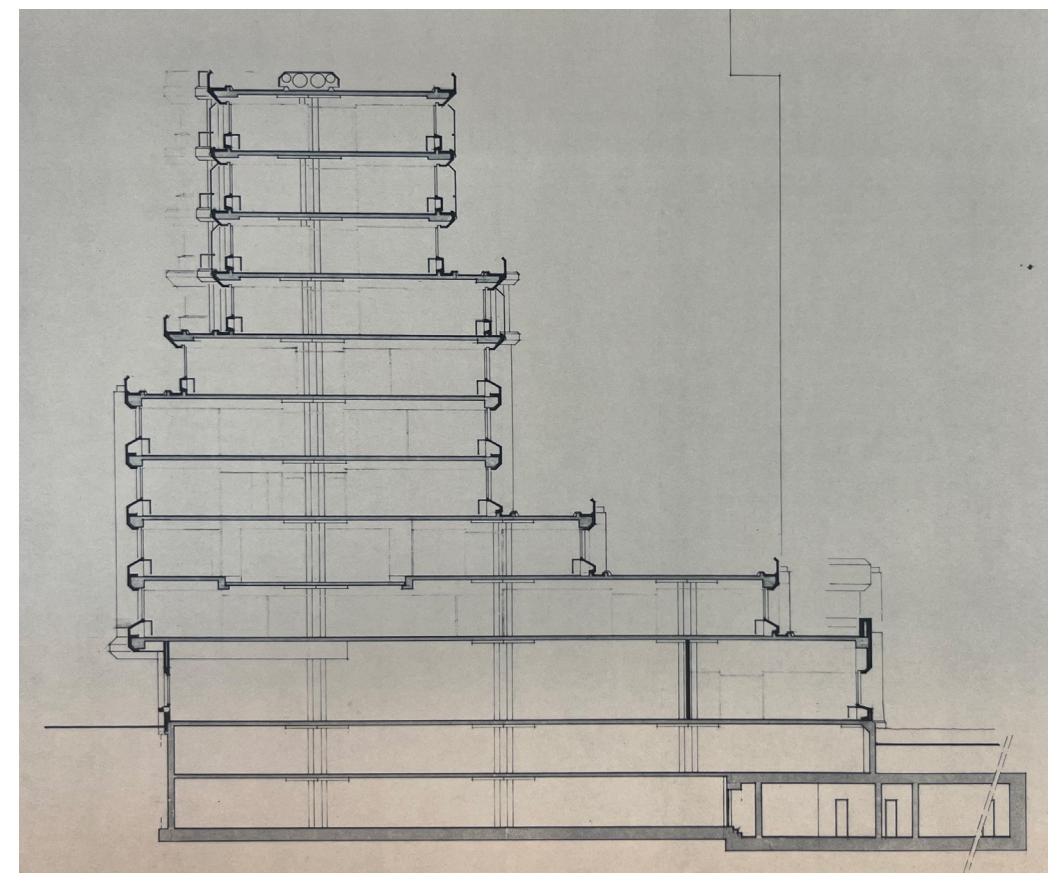
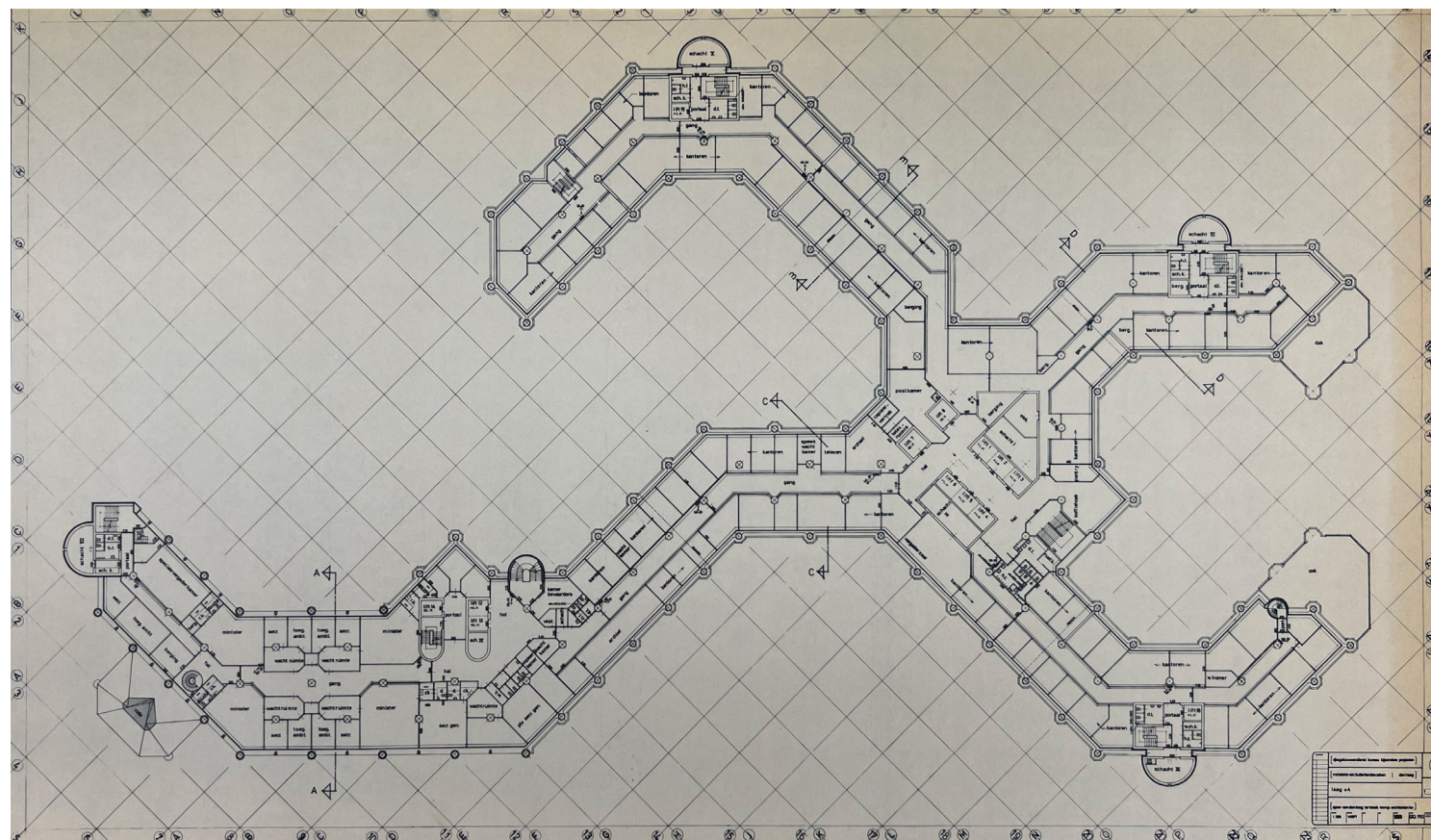
(Britton & Hargis, 2016)

# DE APENROTS

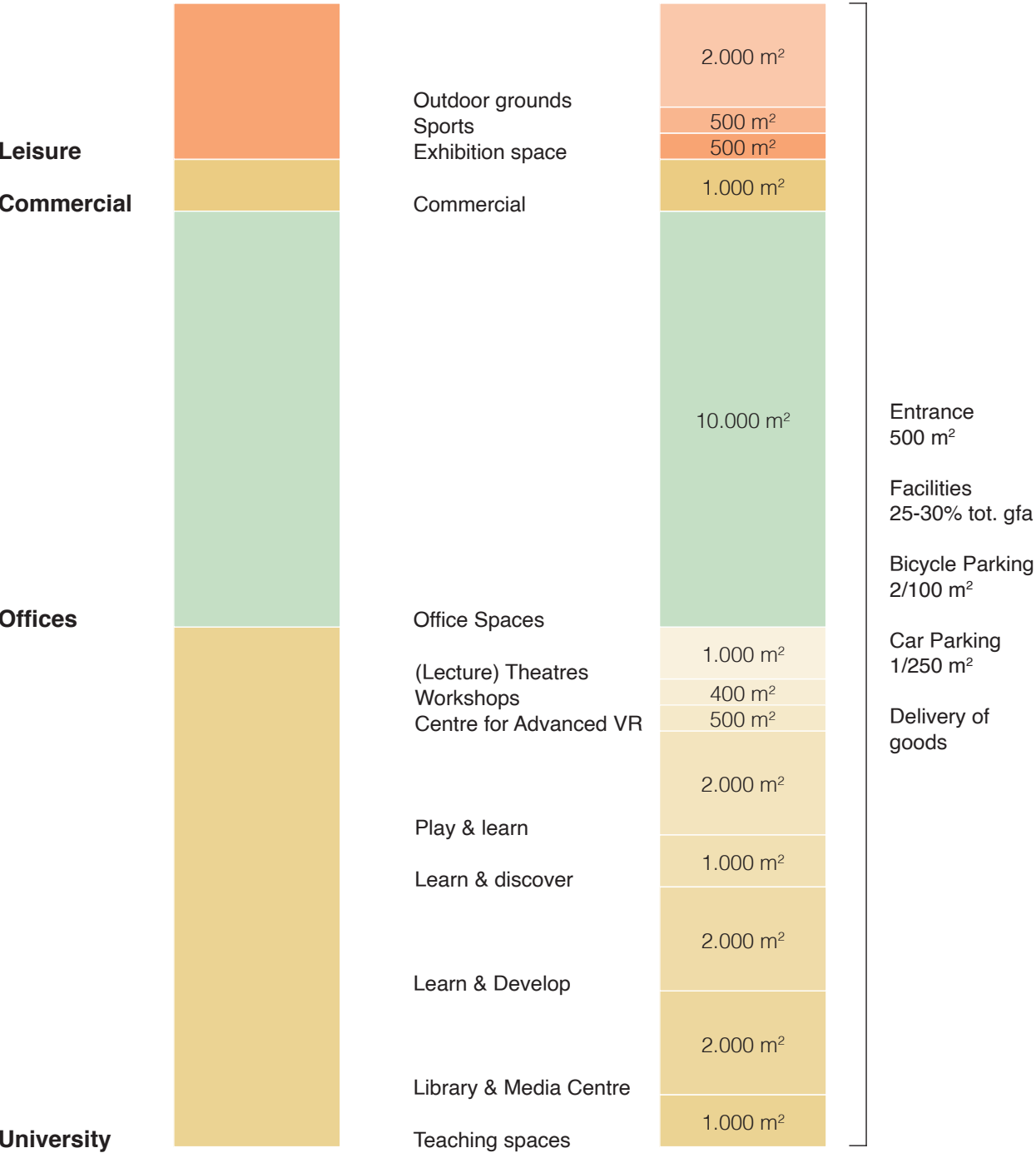




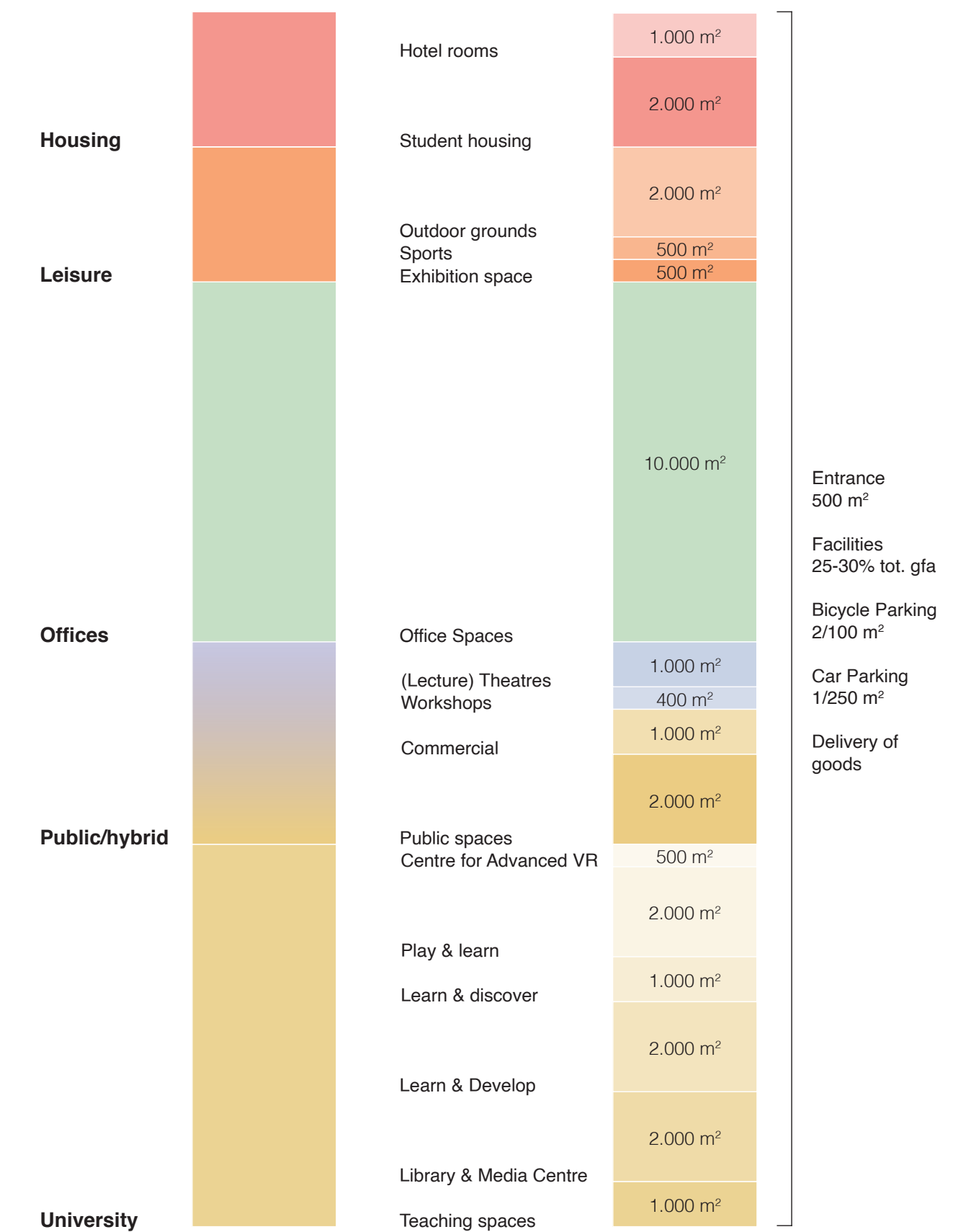
# EXISTING CONDITIONS APENROTS



GIVEN DESIGN BRIEF OF THE CAMPUS OF THE FUTURE

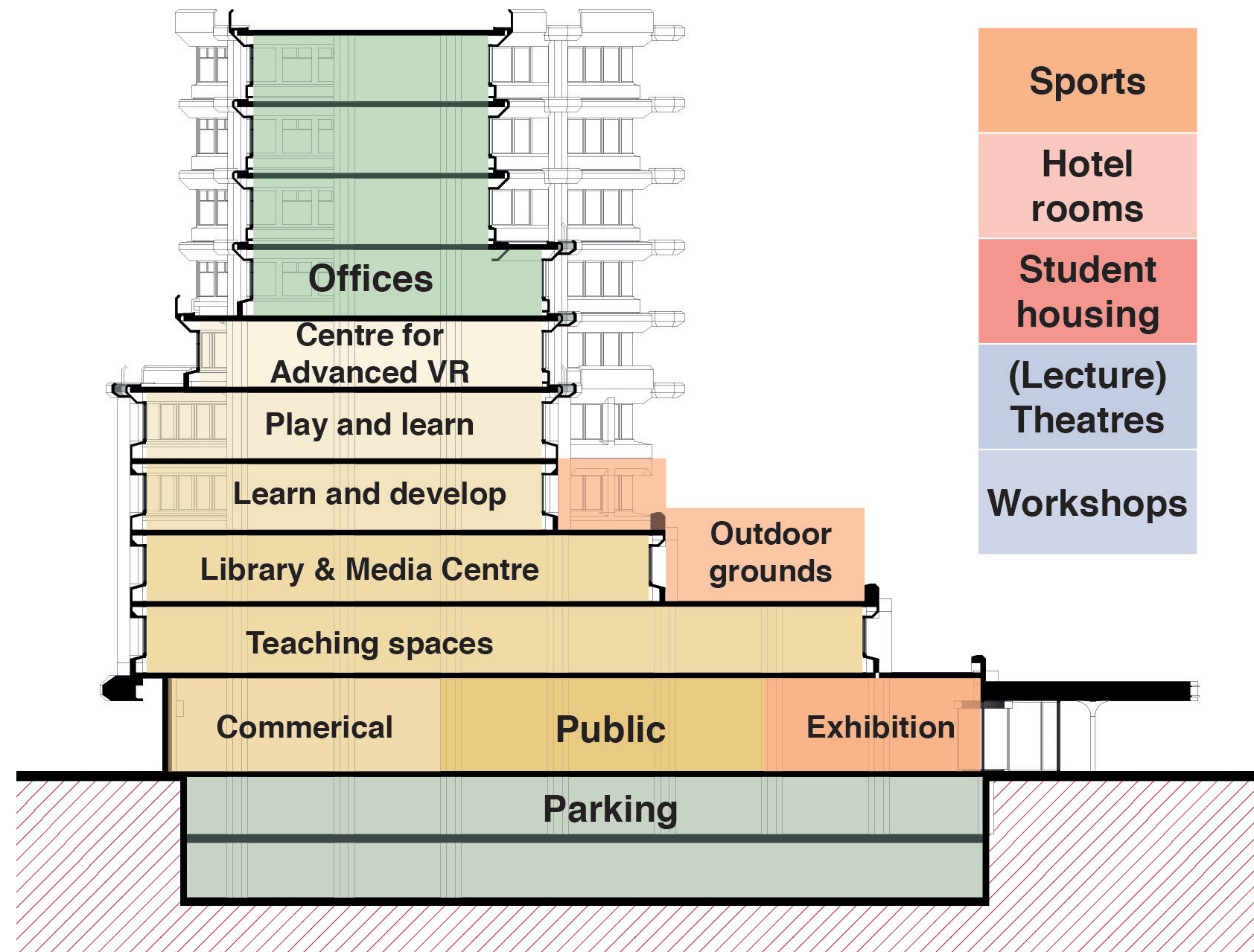


DESIGN BRIEF OF MINE CAMPUS OF THE FUTURE

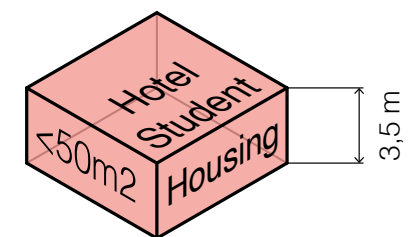
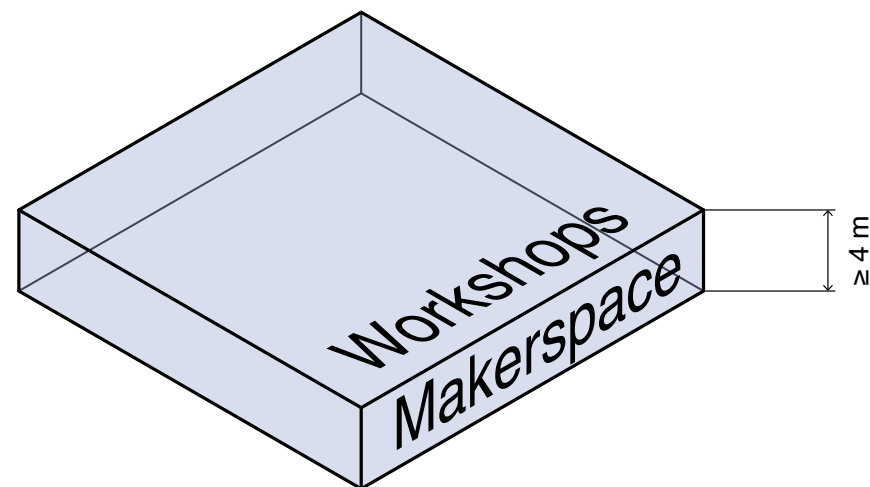
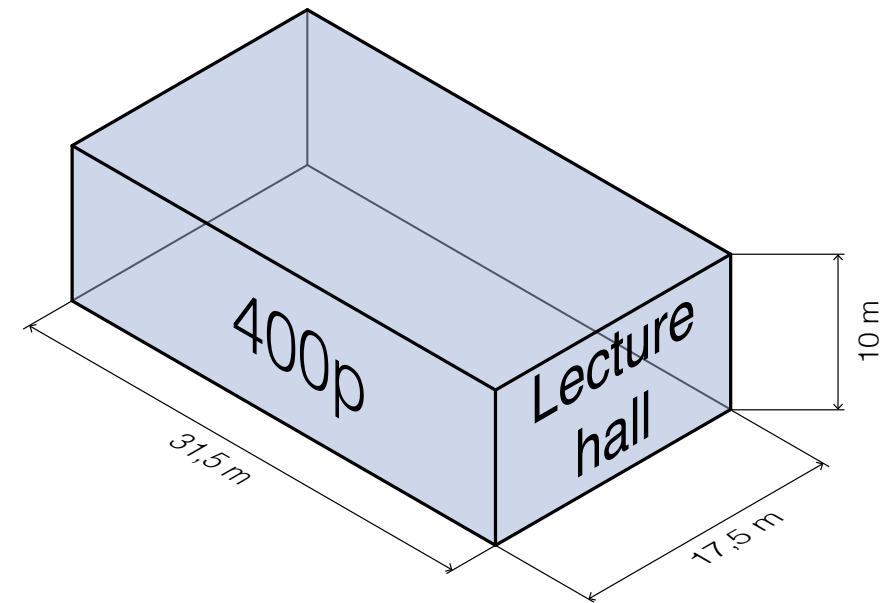
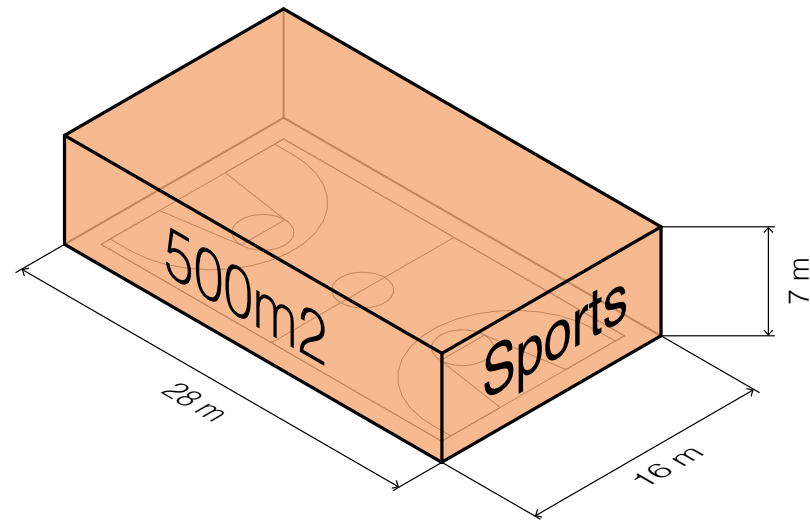




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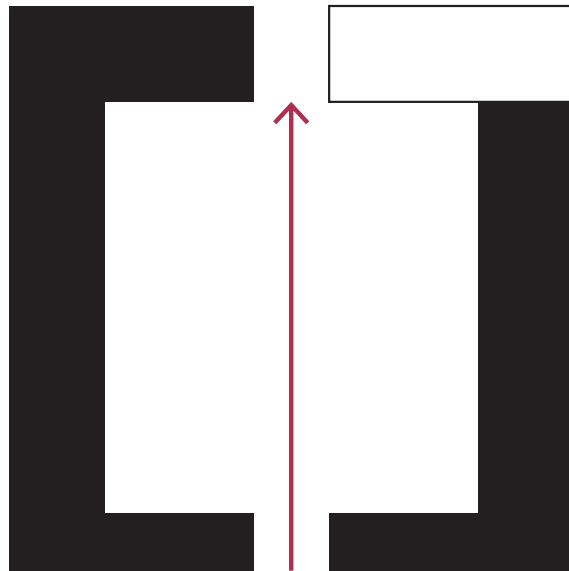


# EXCPETIONS DESIGN BRIEF

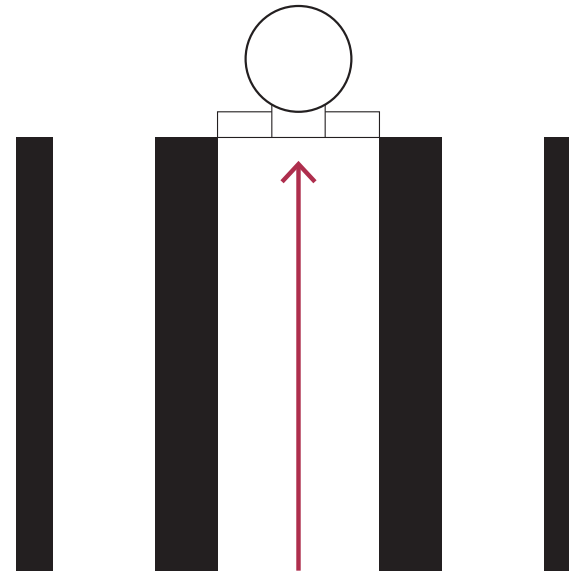


# FUTURE OF CAMPUSES?

In the city



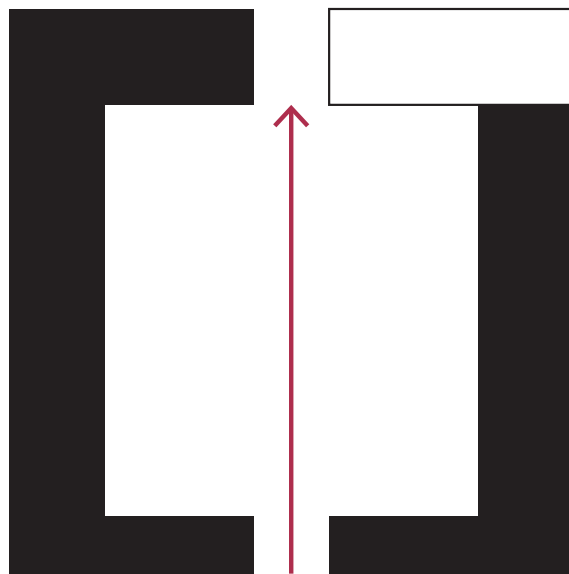
Outside the city



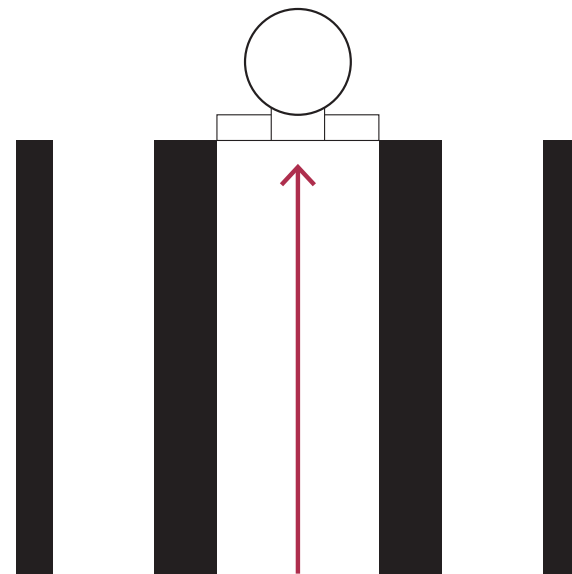


# FUTURE CAMPUS

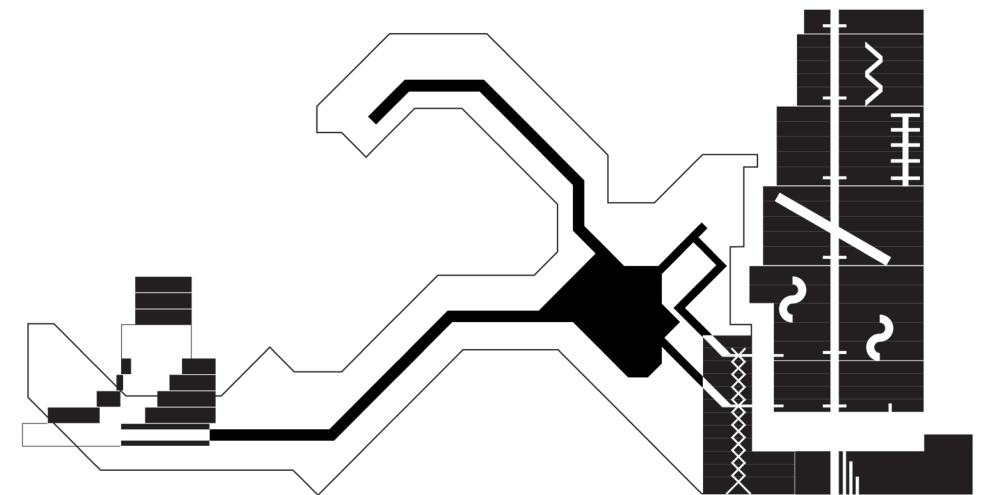
In the city



Outside the city



Integrated in the city



## RESEARCH QUESTIONS

How can **verticality as a strategy** transform obsolete office buildings?

How can traditional universities transition to **vertical hybrid organizations**, utilizing **vertical circulation** to enhance the **public realm** and promote **vertical movement** among users?

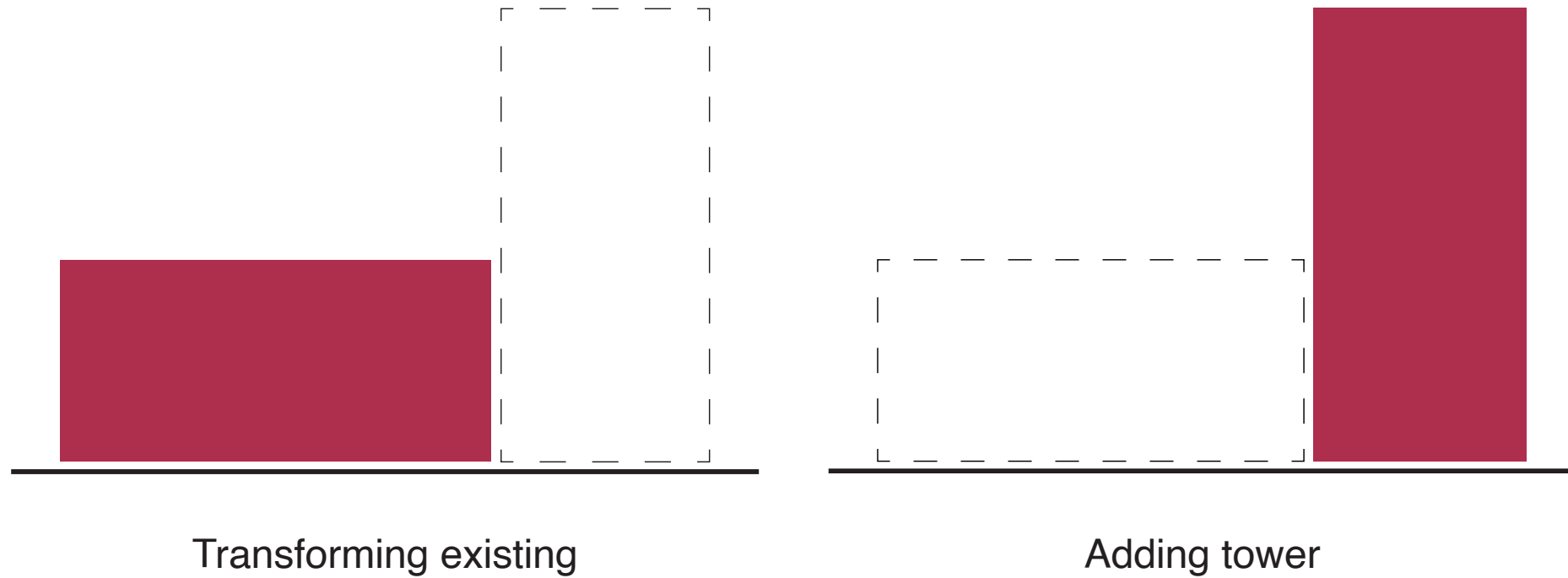
How can **local characteristics** be implemented in **vertically organised** buildings of a big scale?

# THE APENROTS

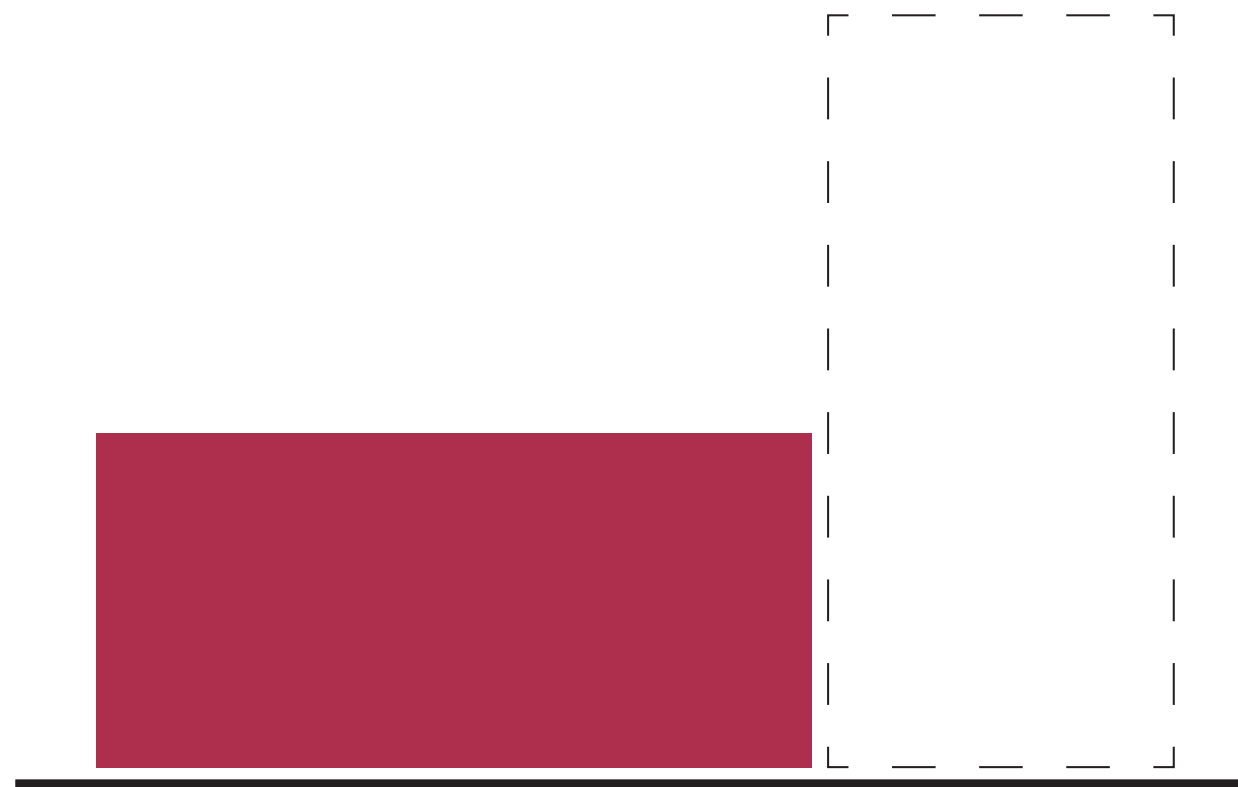




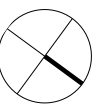
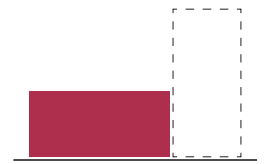
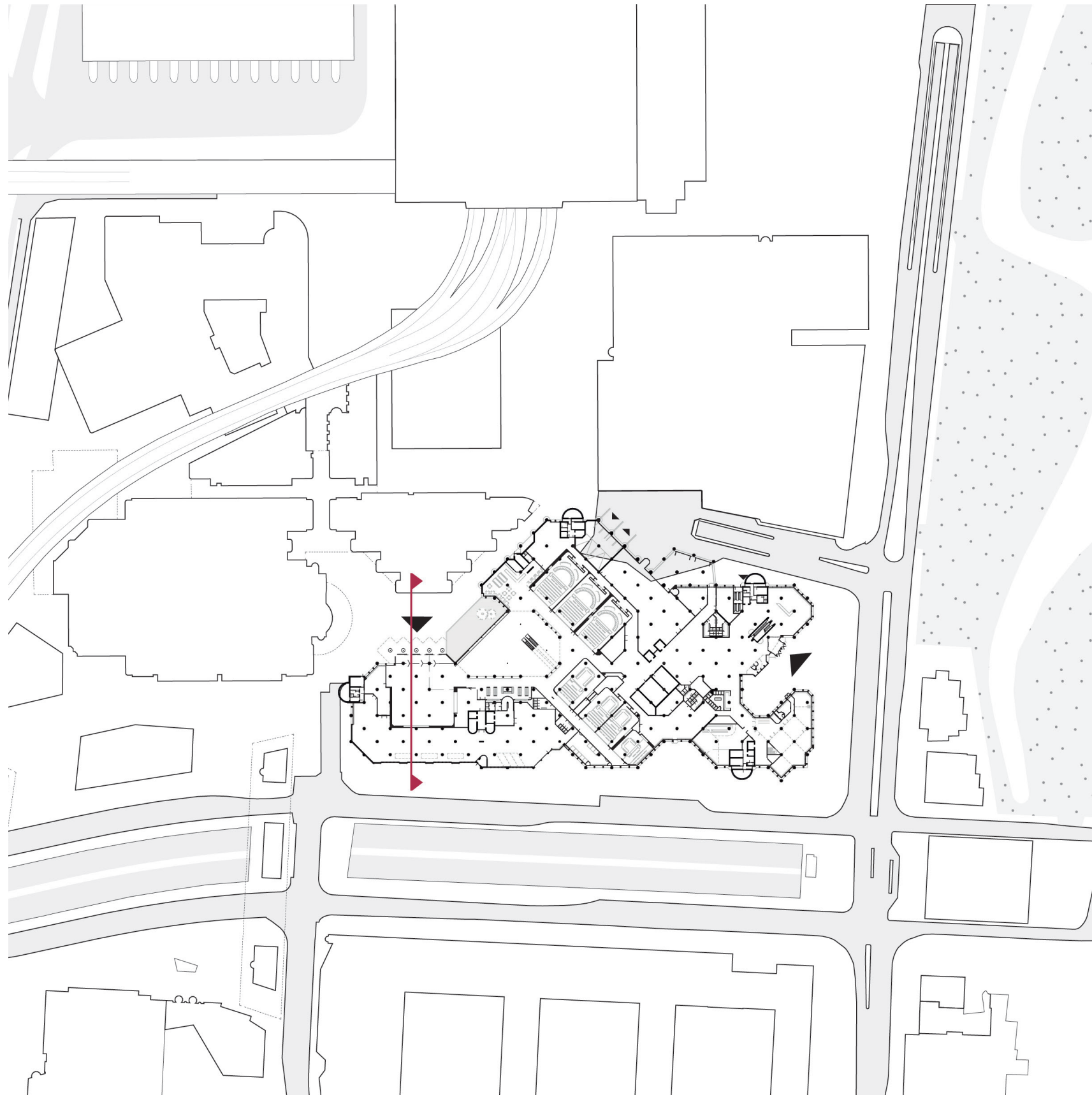
# TRANSFORM THE EXISTING BUILDING & BUILDING A NEW VERTICAL VOLUME



# TRANSFORM THE EXISTING BUILDING

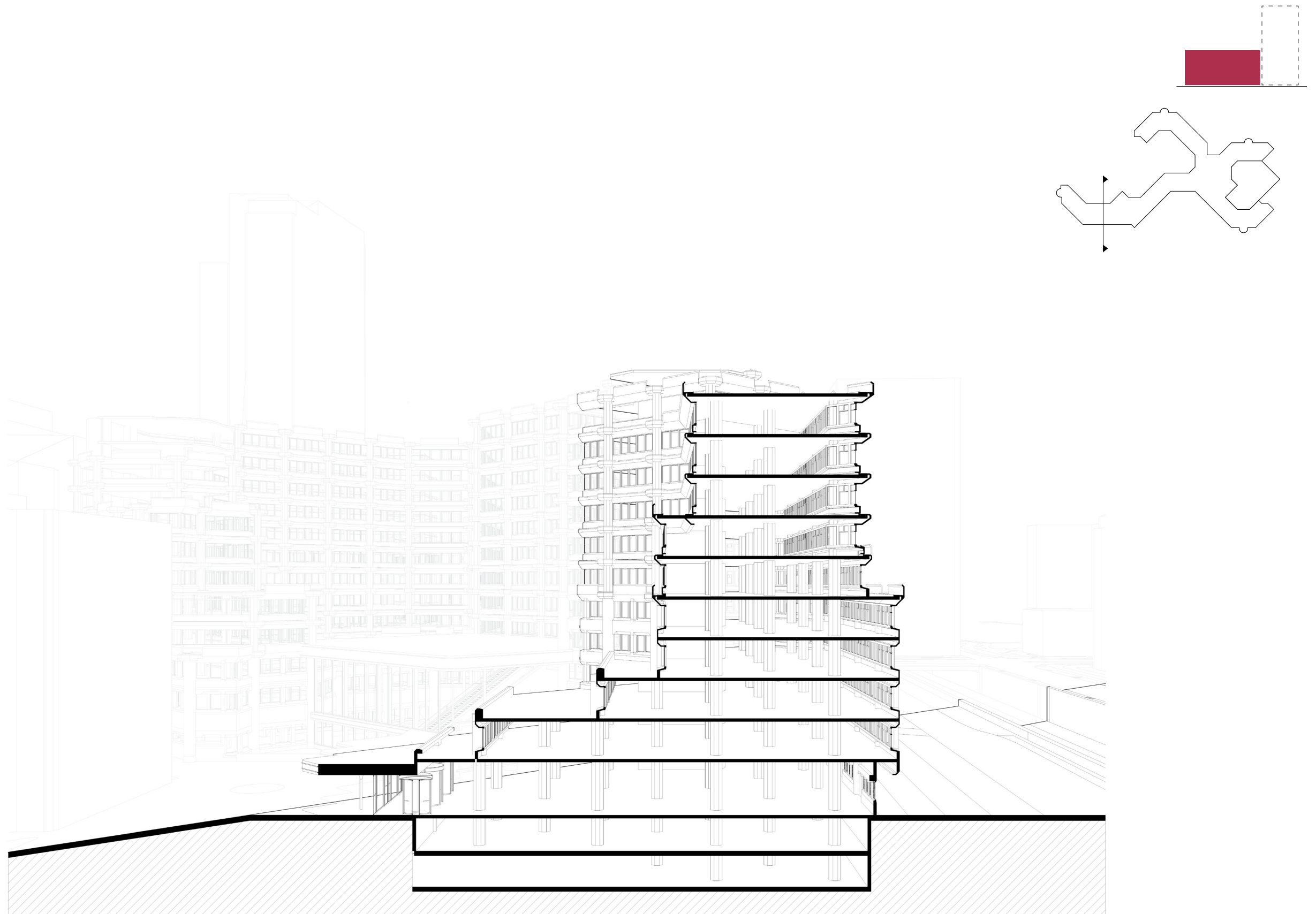


# EXISTING SITE PLAN

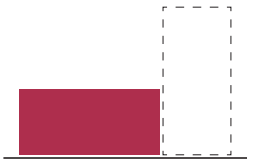




# EXISTING SECTION



# CASE STUDY | DE ALLIANTIE HQ - STUDIONINEDOTS



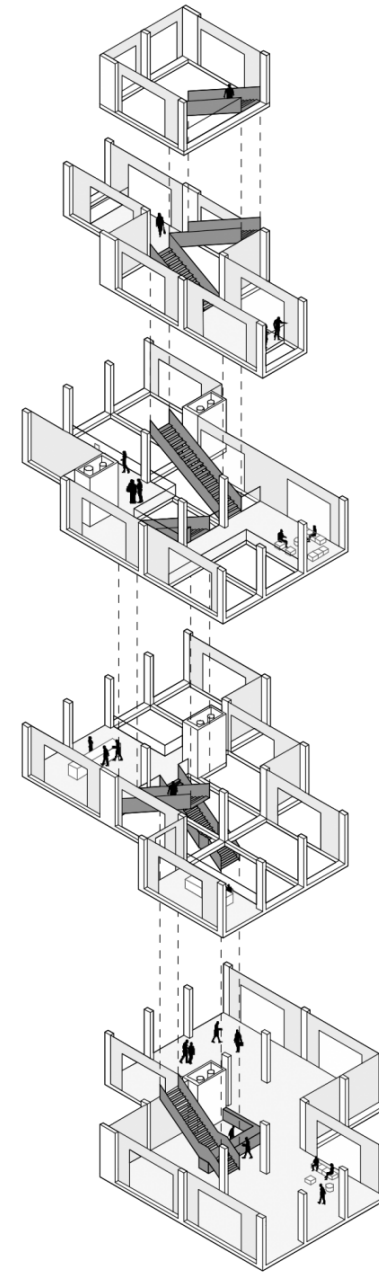
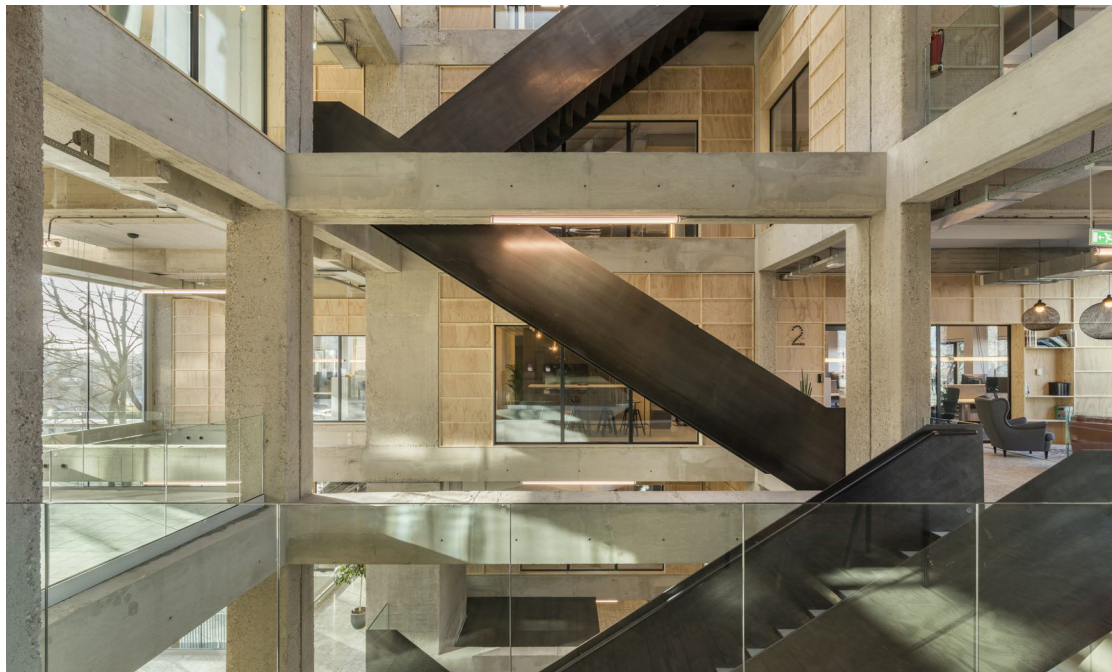
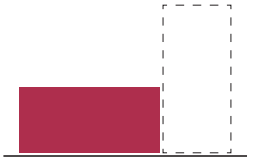
Before



After

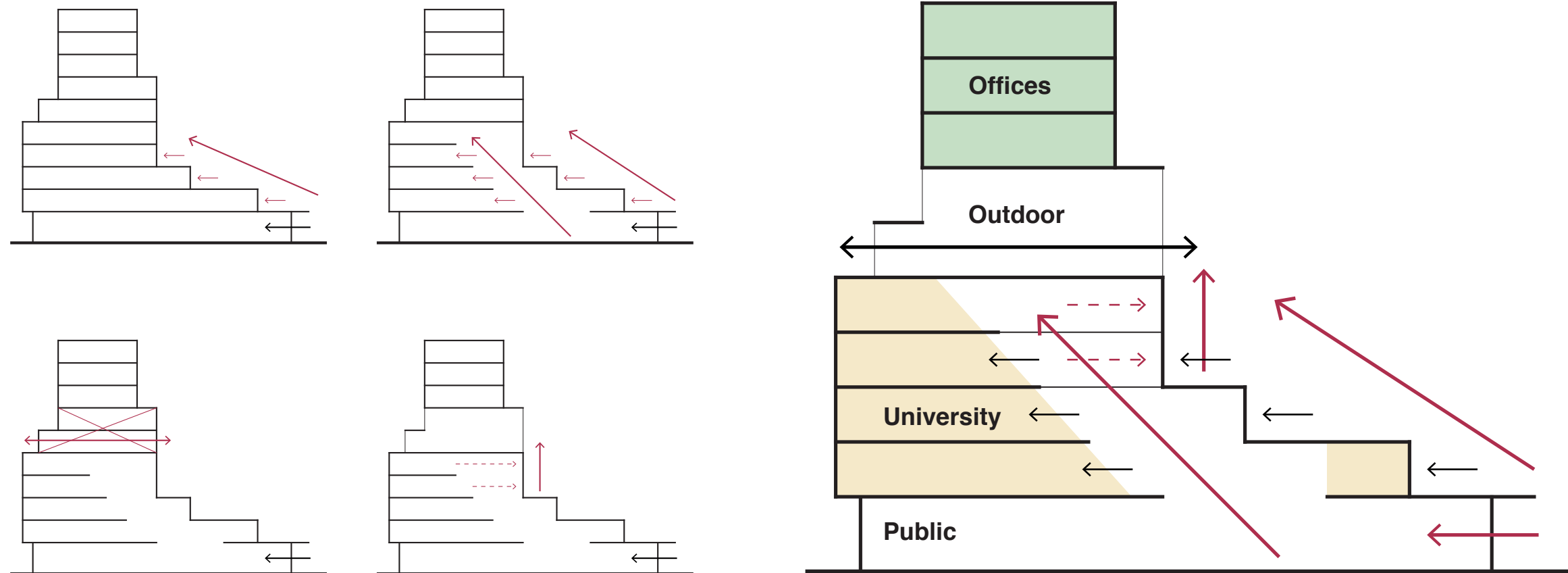
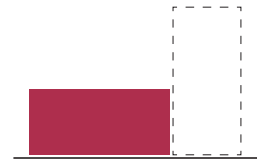


# INTERVENTION STUDIONINEDOTS

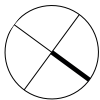
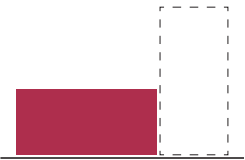
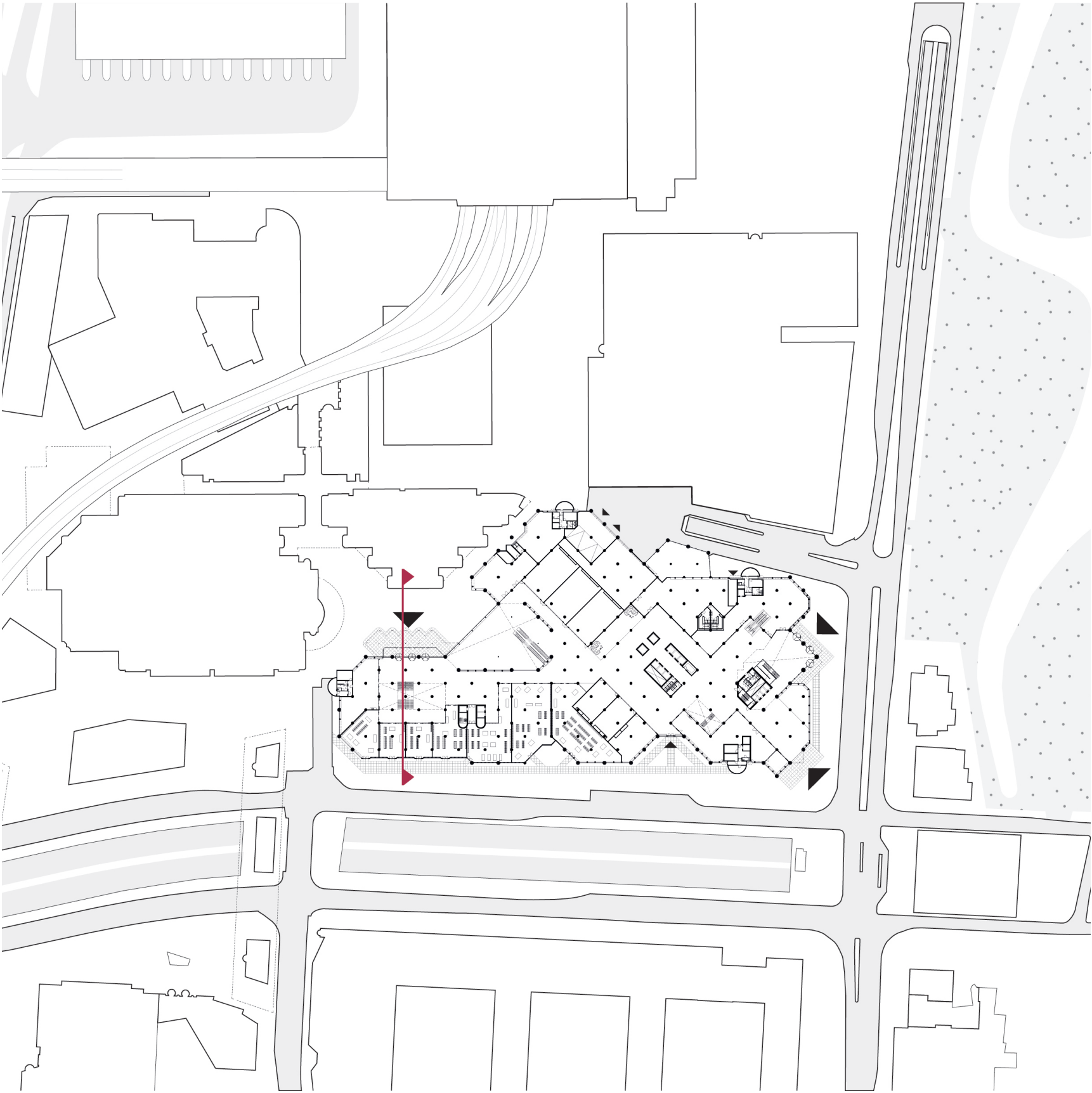




# BREAKING THROUGH THE FLOORS

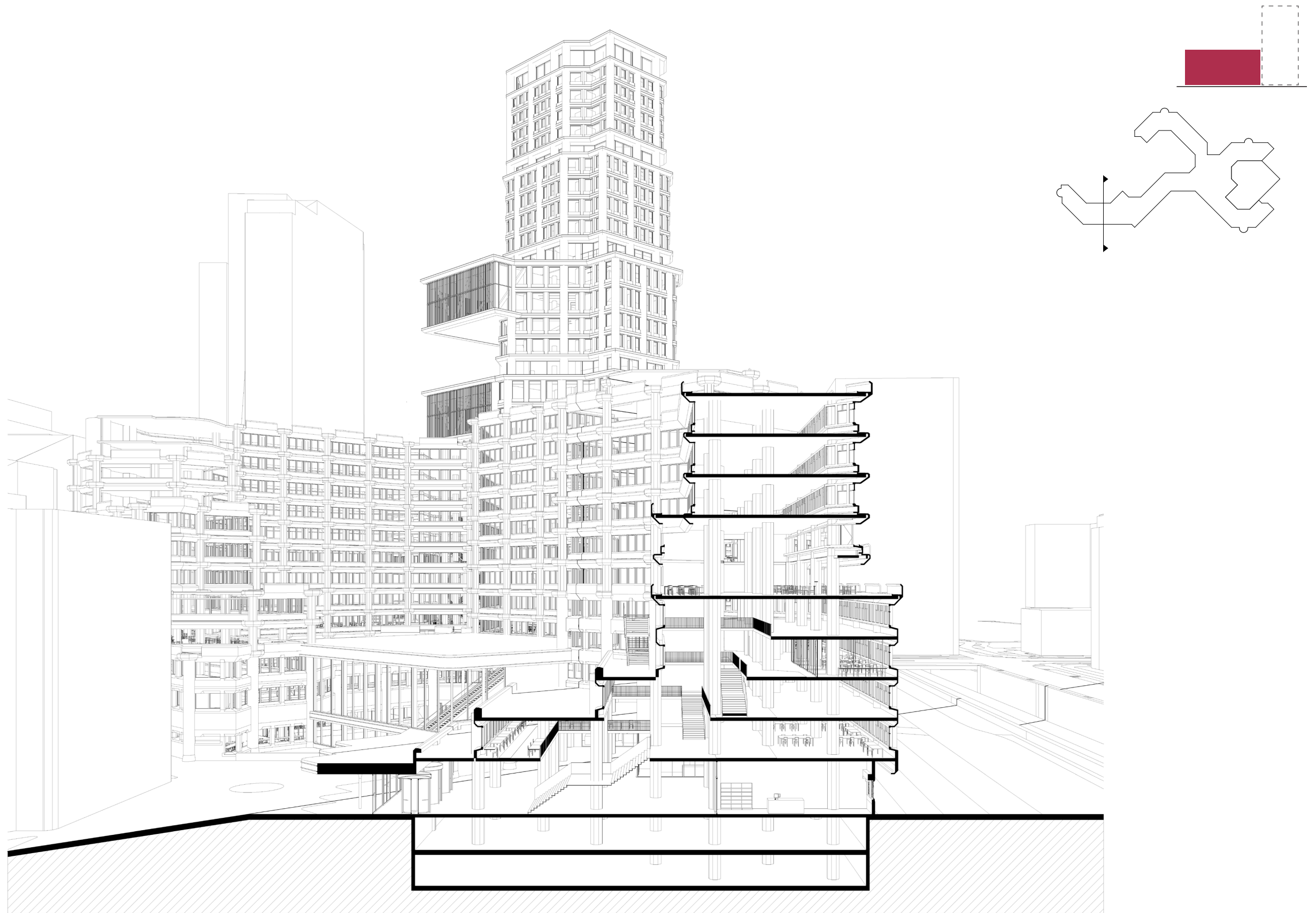


NEW SITE PLAN

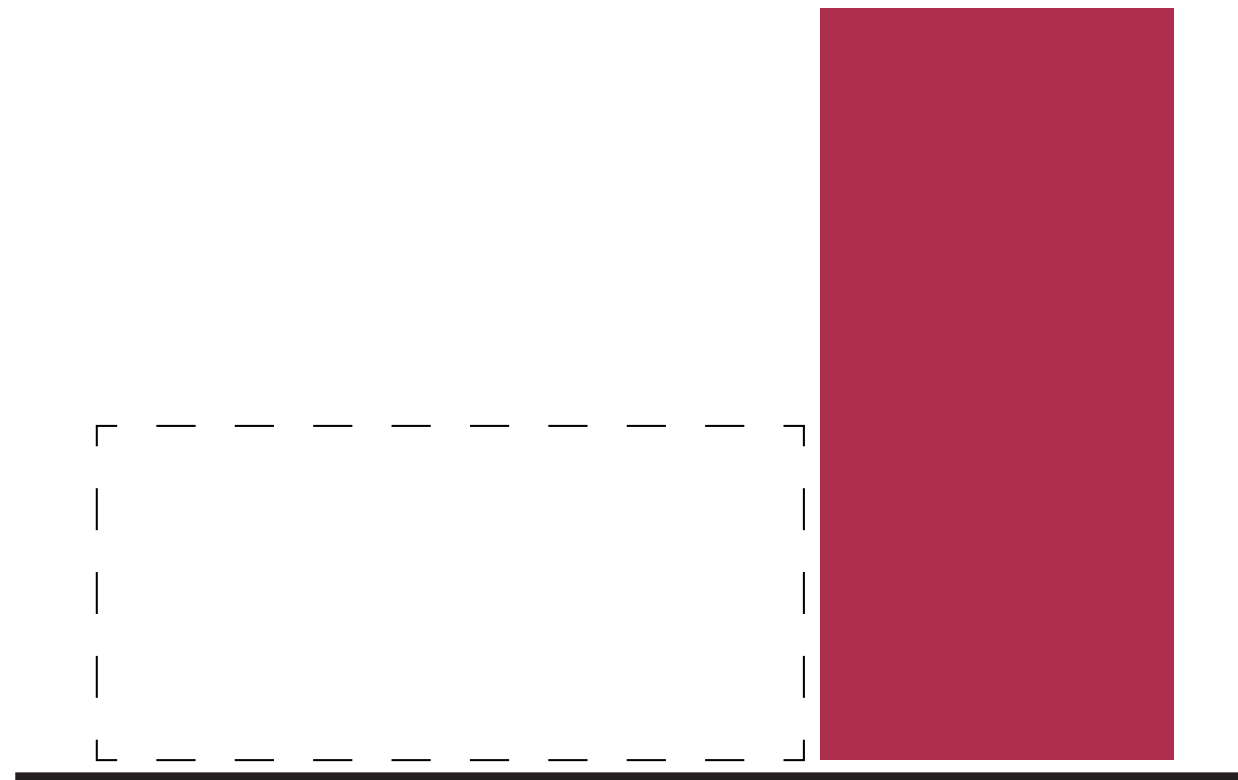




# SECTION

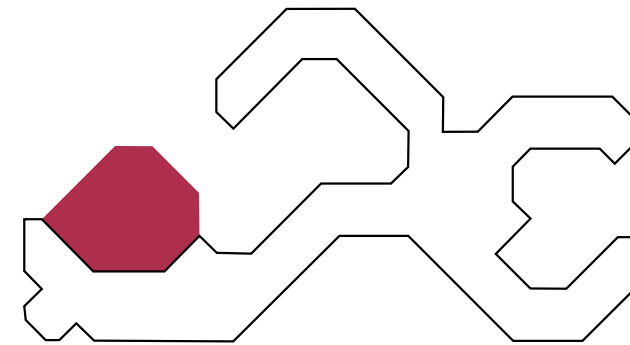
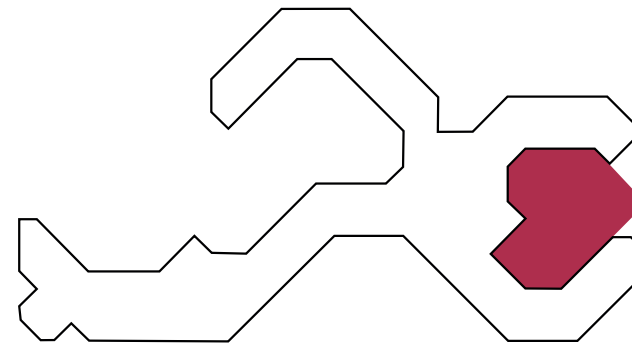
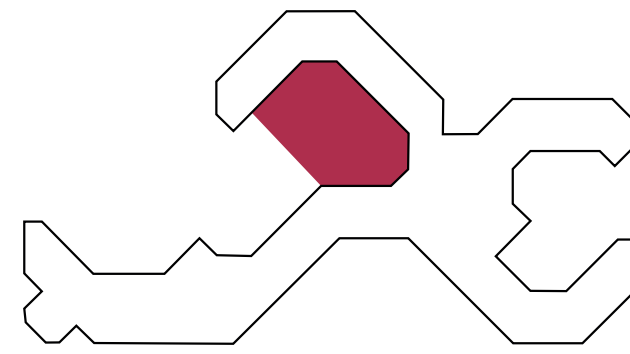
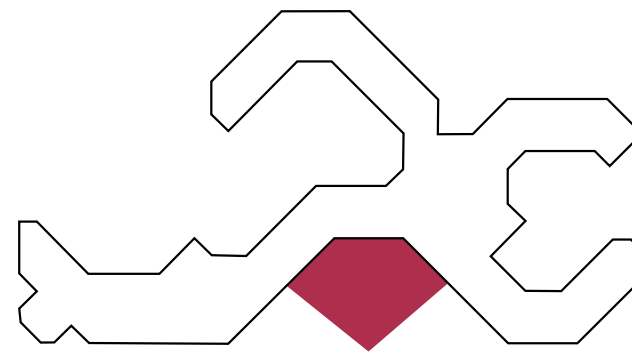
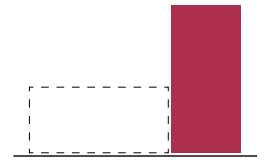


## BUILDING A NEW VERTICAL VOLUME

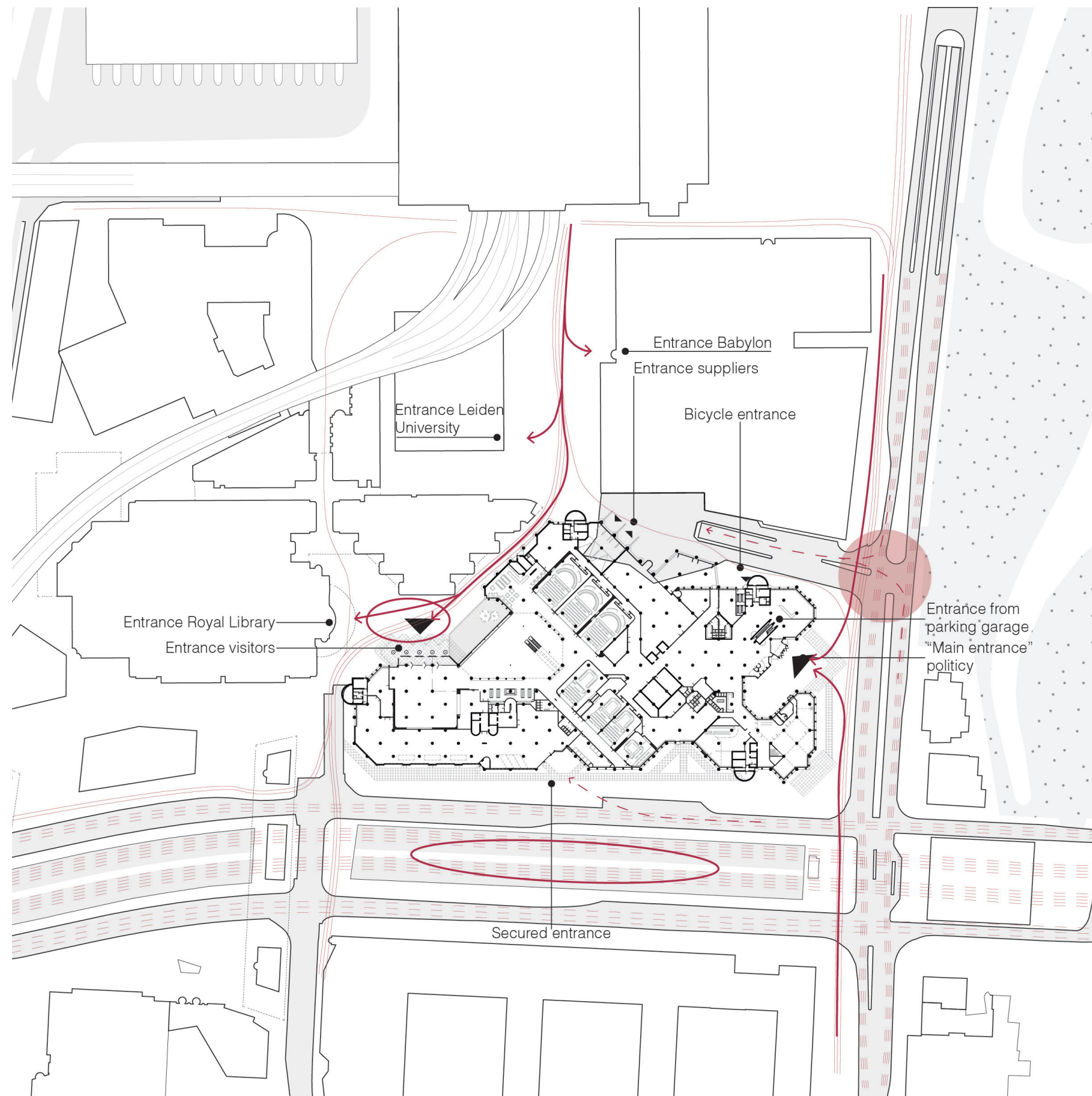




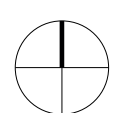
## PLACEMENT OF THE NEW VOLUME



# EXISTING SITE CONDITIONS

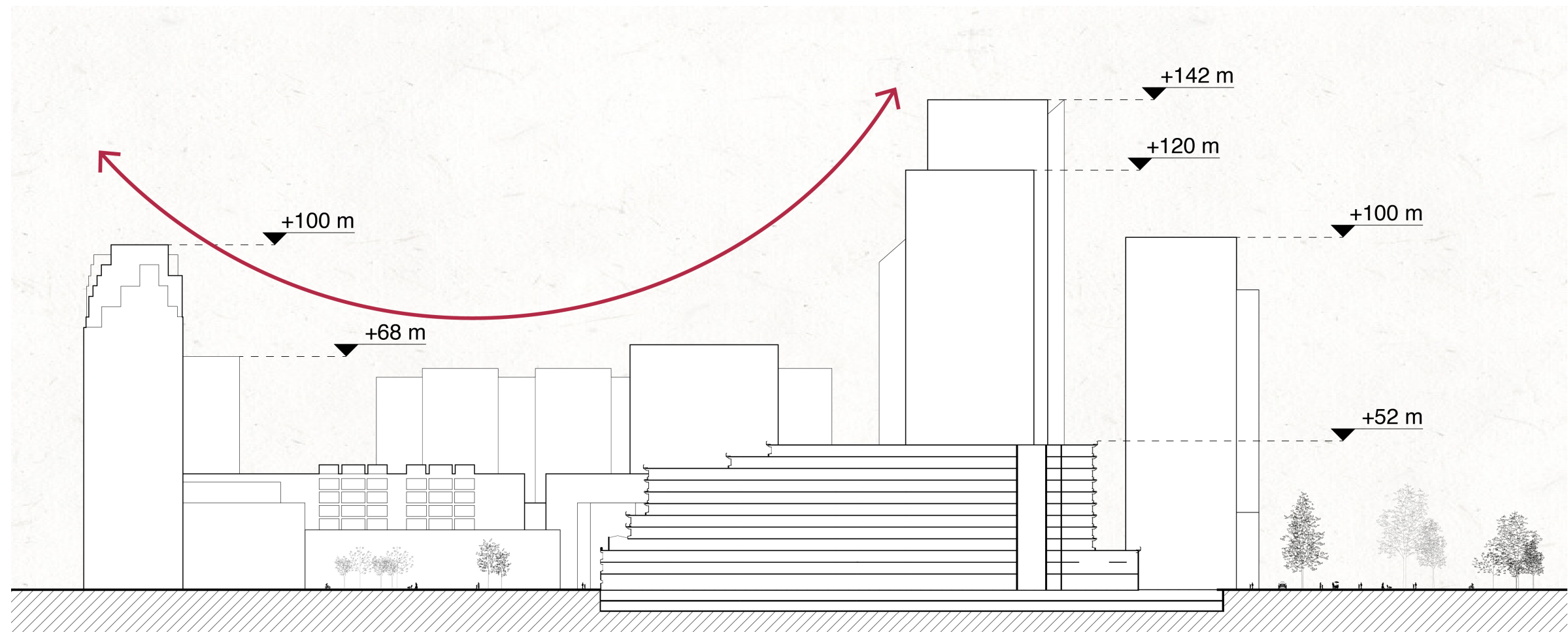
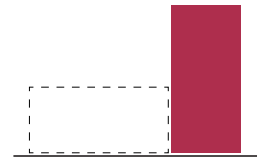


- Car routes
- Pedestrian routes
- > Main routes cars
- > Main routes pedestrians
- Demonstration areas
- Congestion

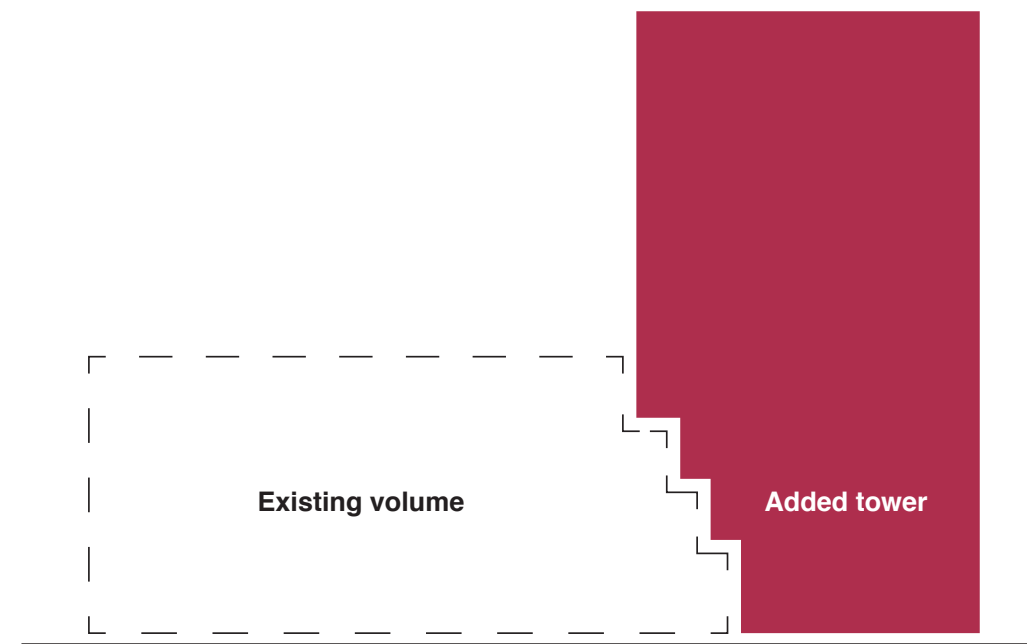
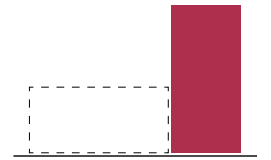




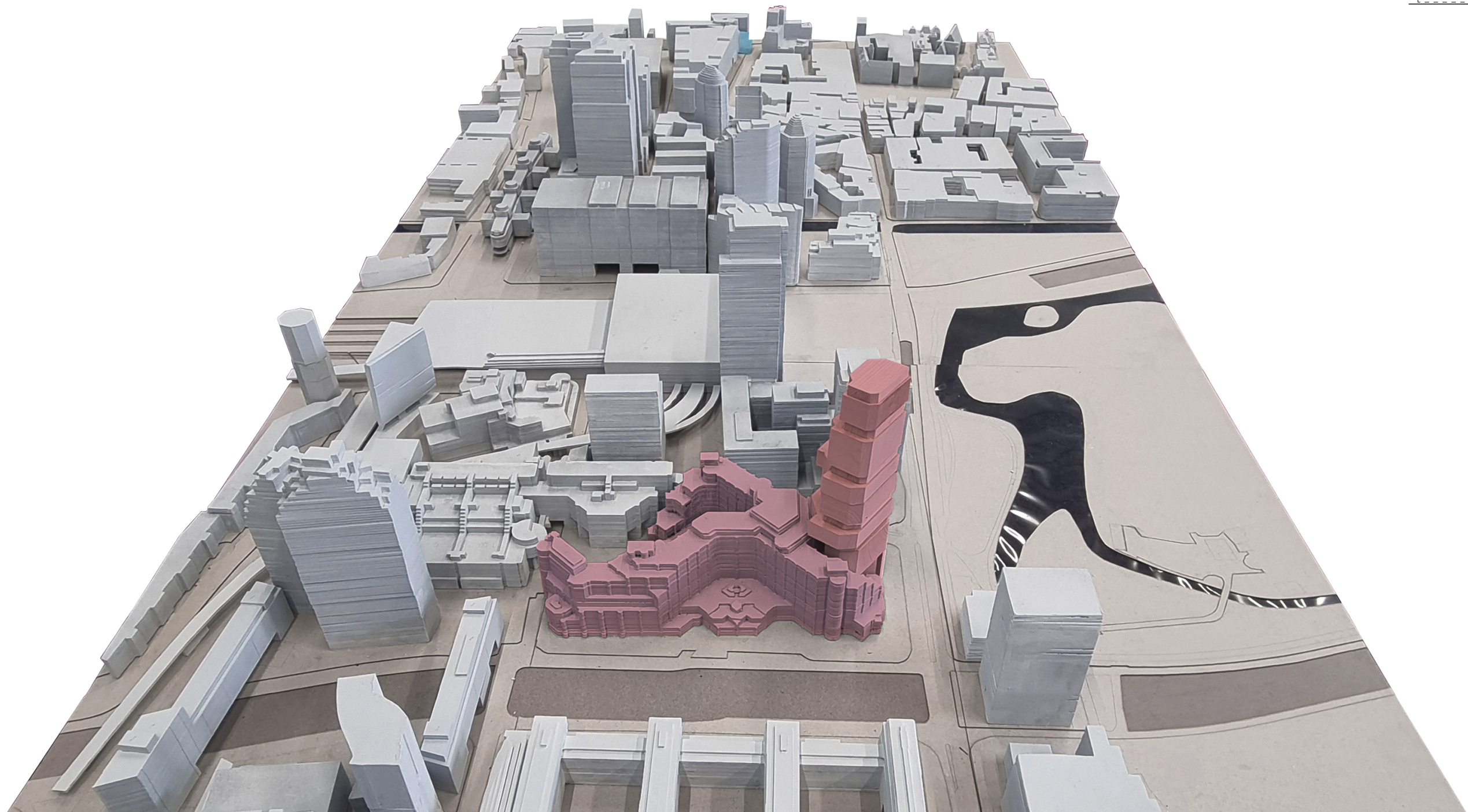
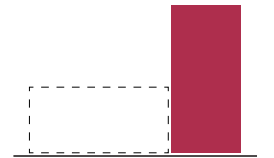
# EXISTING URBAN SECTION



# CONCEPT OF NEW VOLUME



## PLACEMENT OF NEW VOLUME

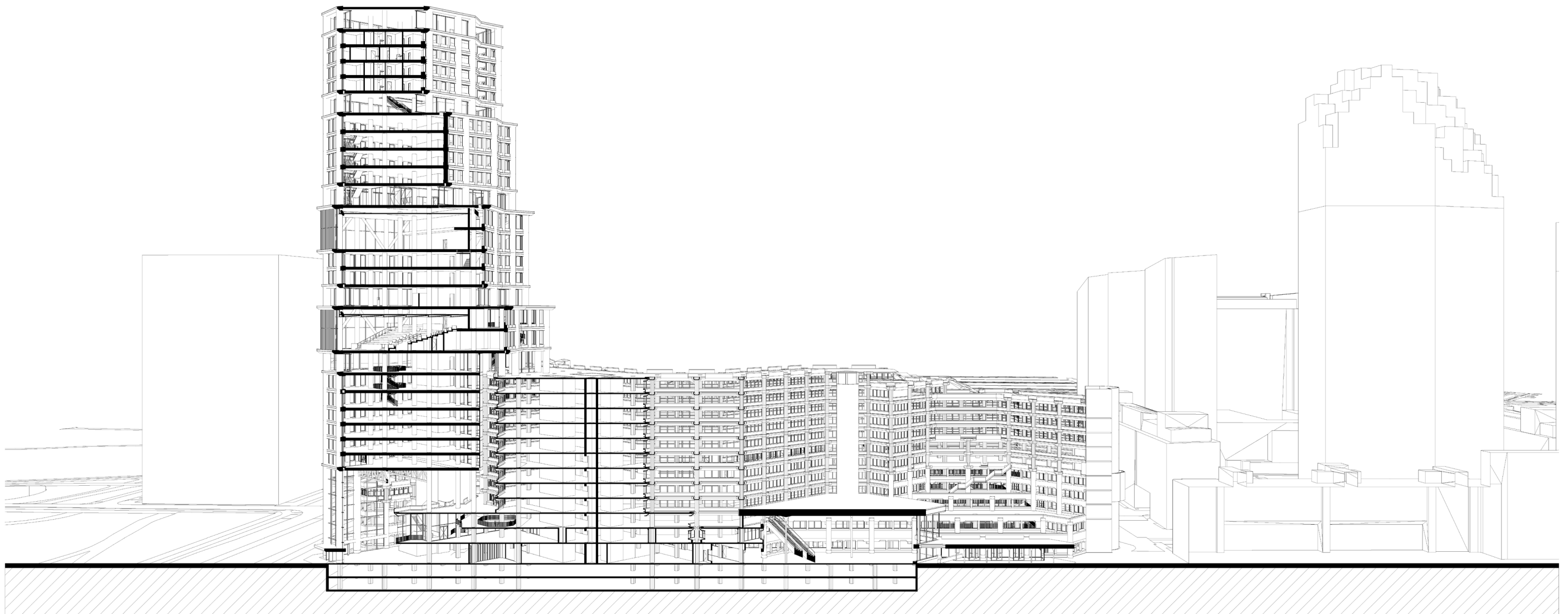
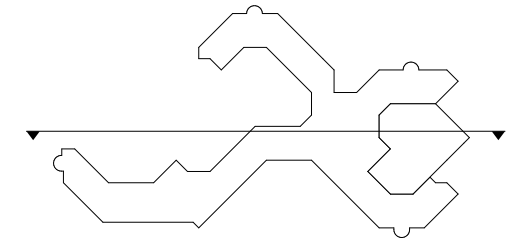




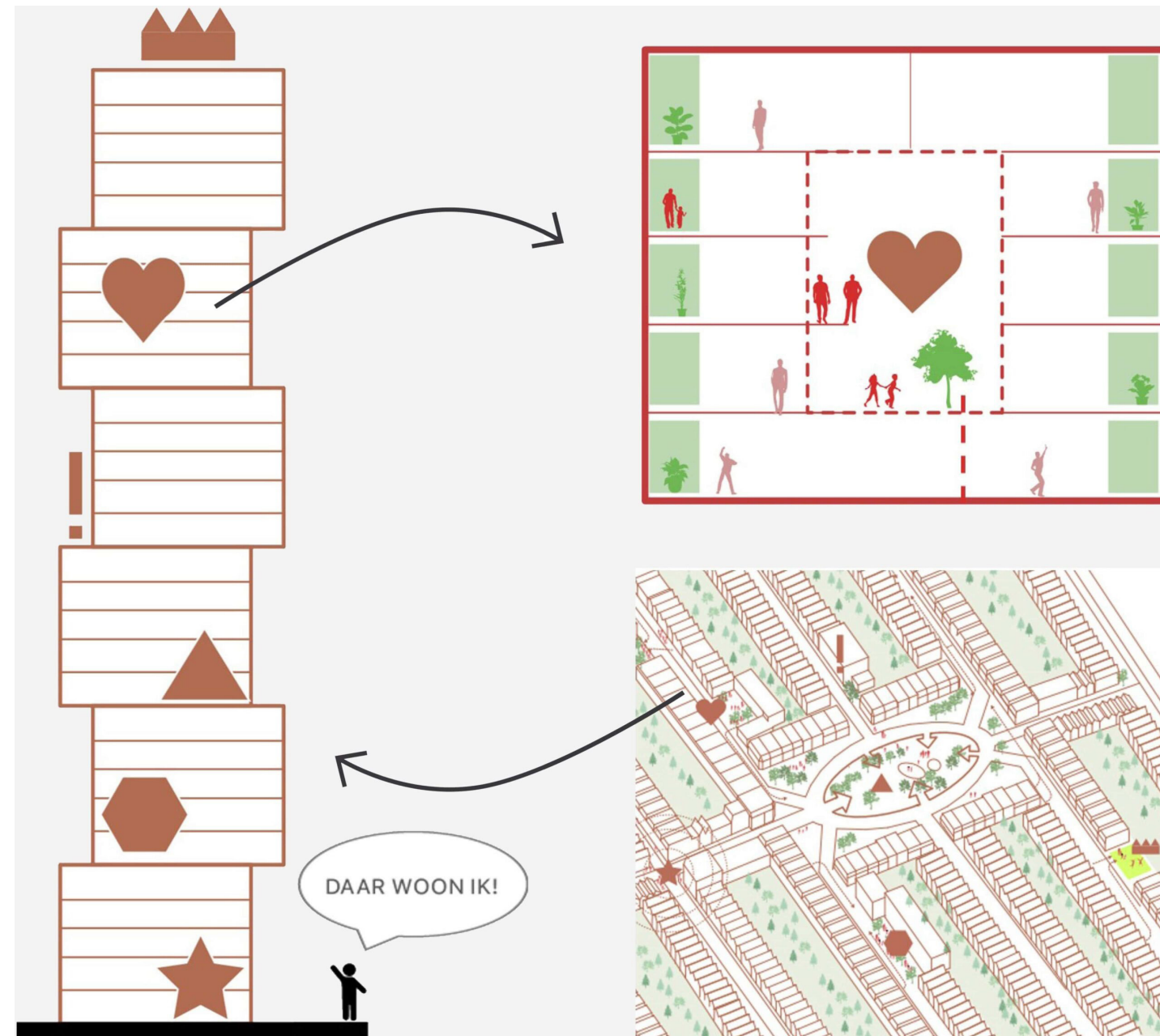
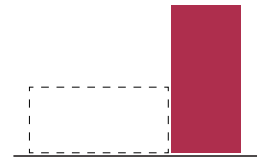
## B67 FROM A12 - UTRECHTSEBAAN



# DESIGN OF THE NEW TOWER

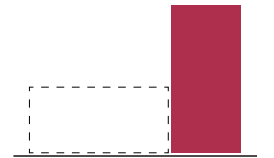
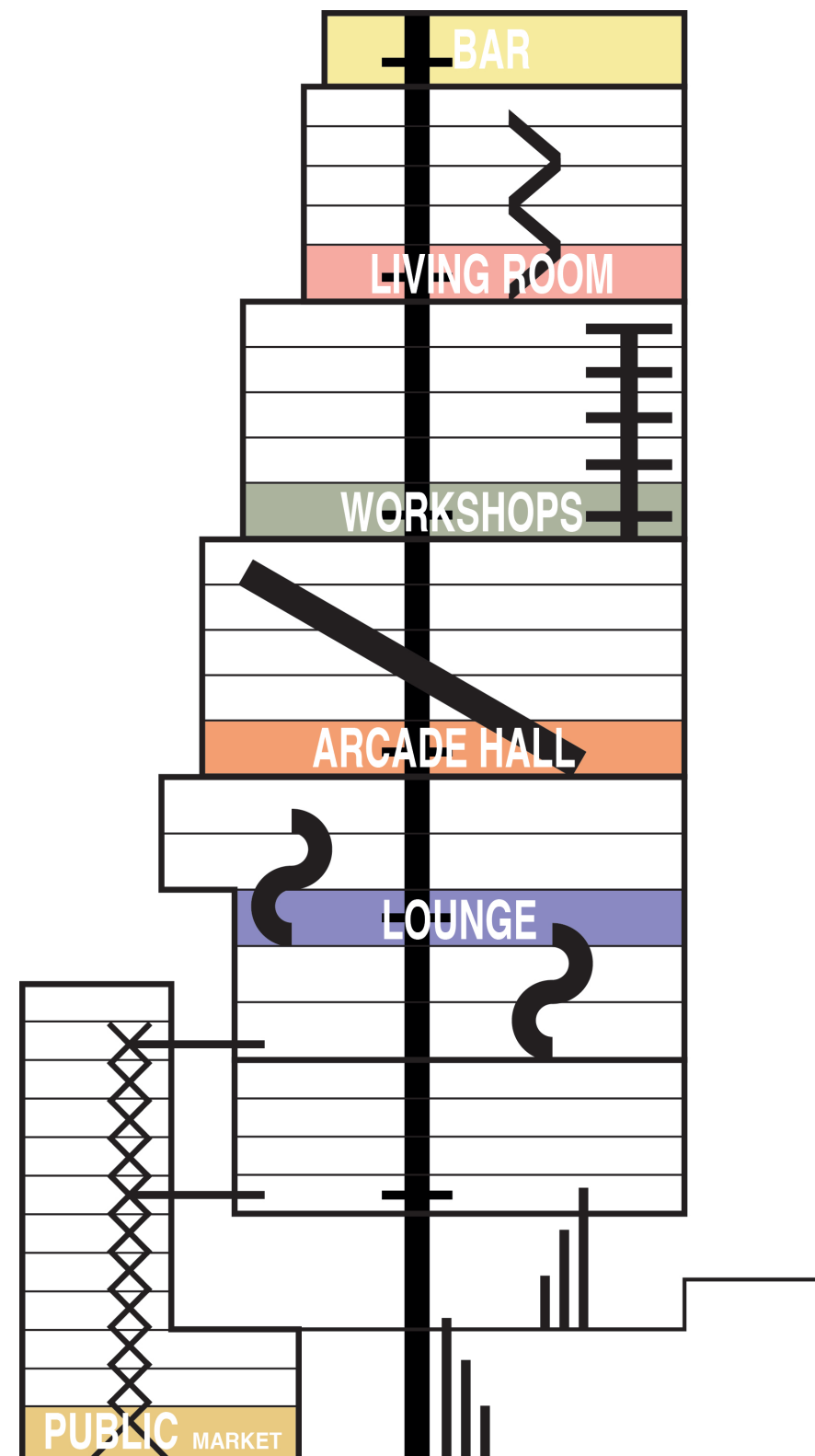


# CASE STUDY | BINCK BLOCKS - LEVS

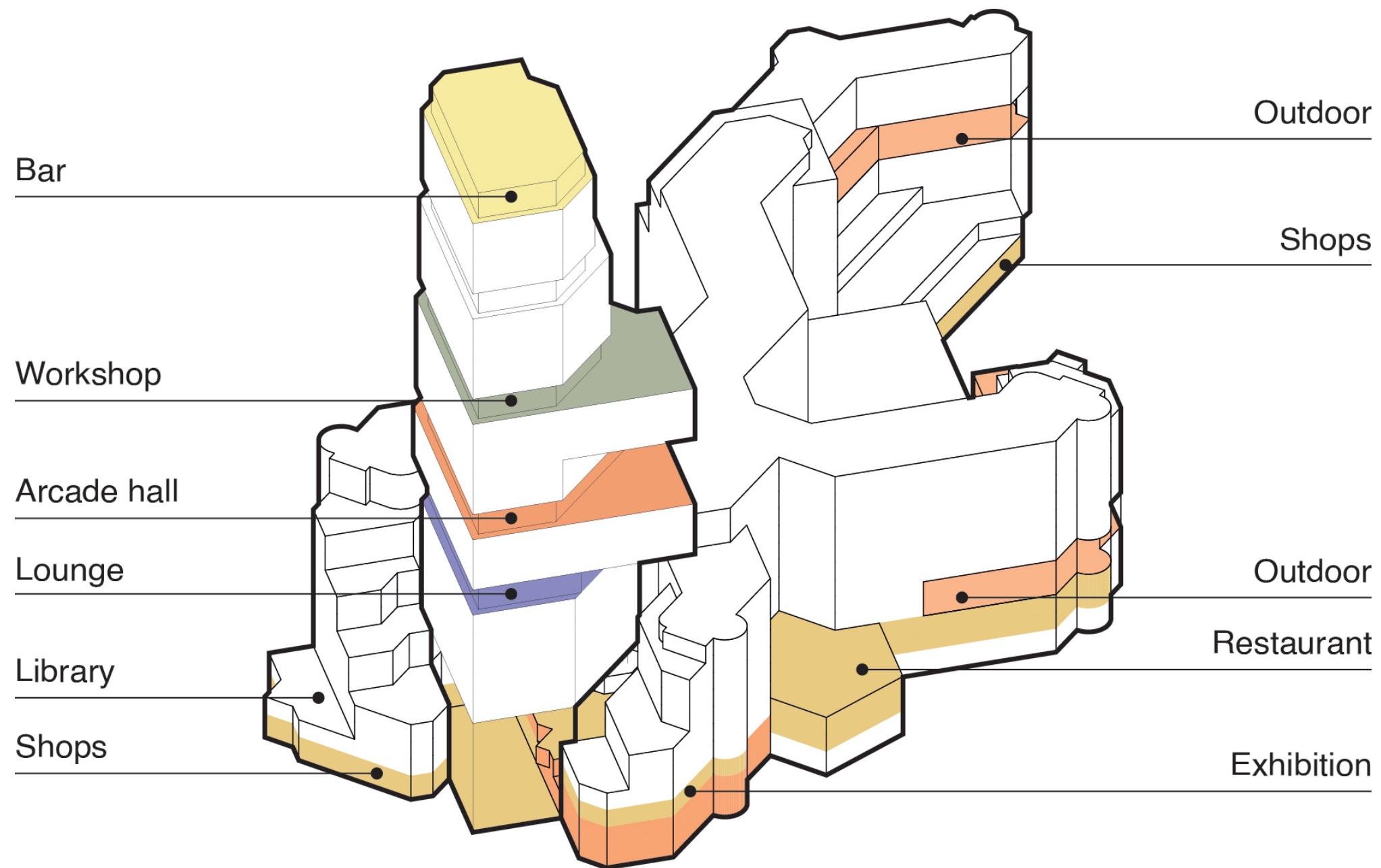




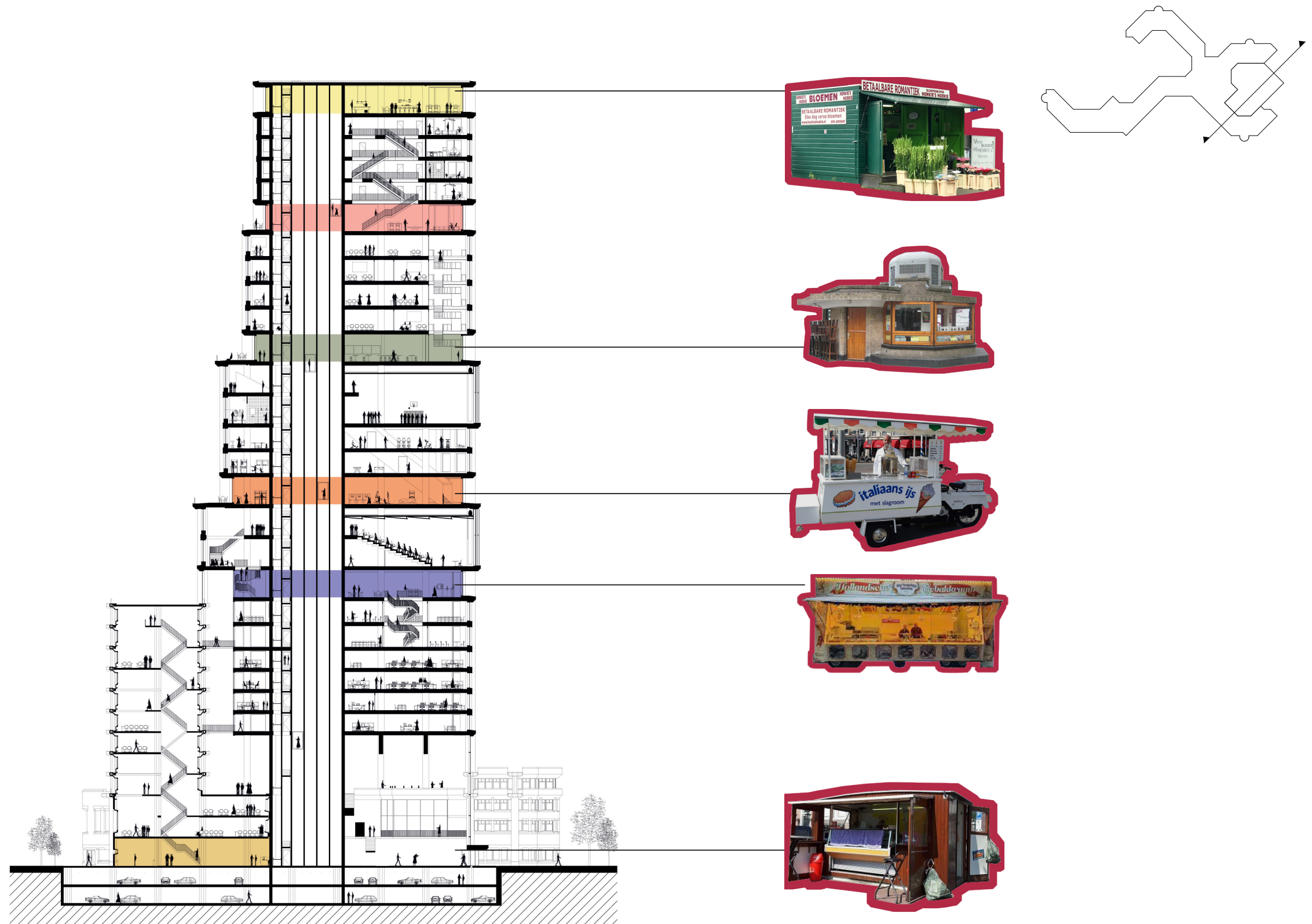
## CLUSTERS AND CIRCULATION TOWER



# MAIN PUBLIC PROGRAMME

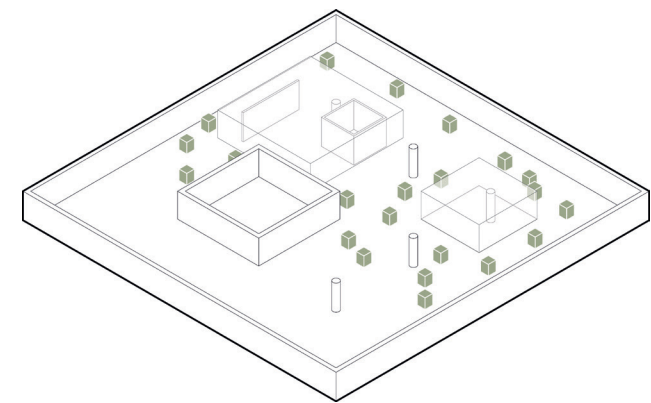
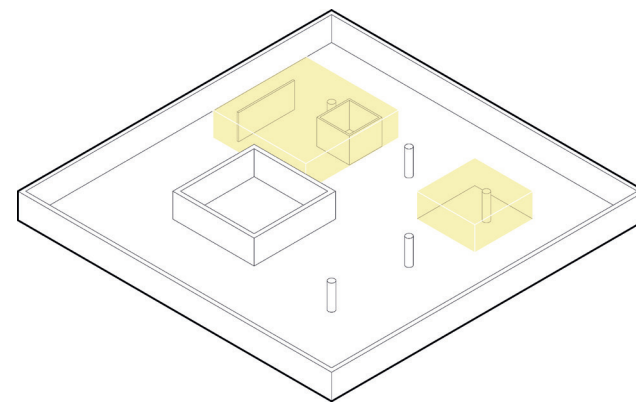
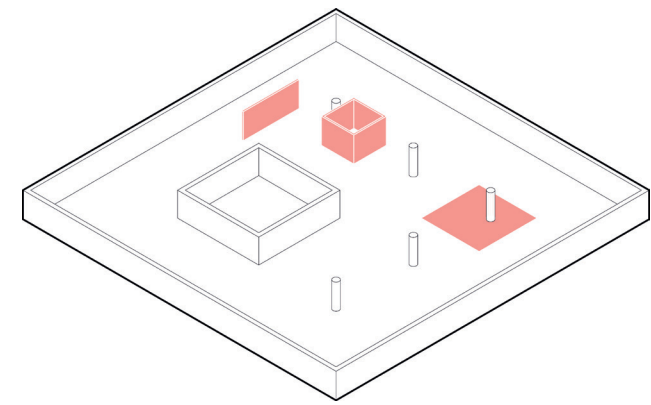
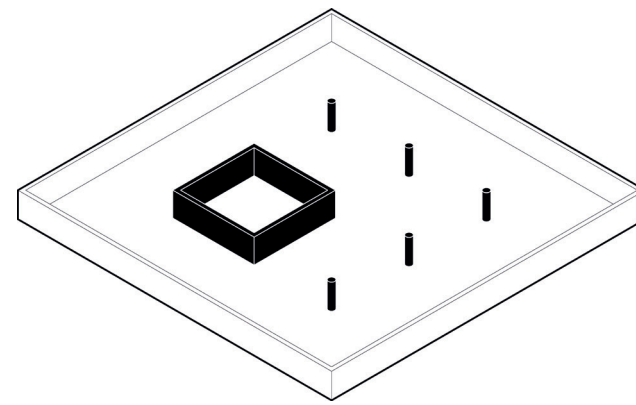
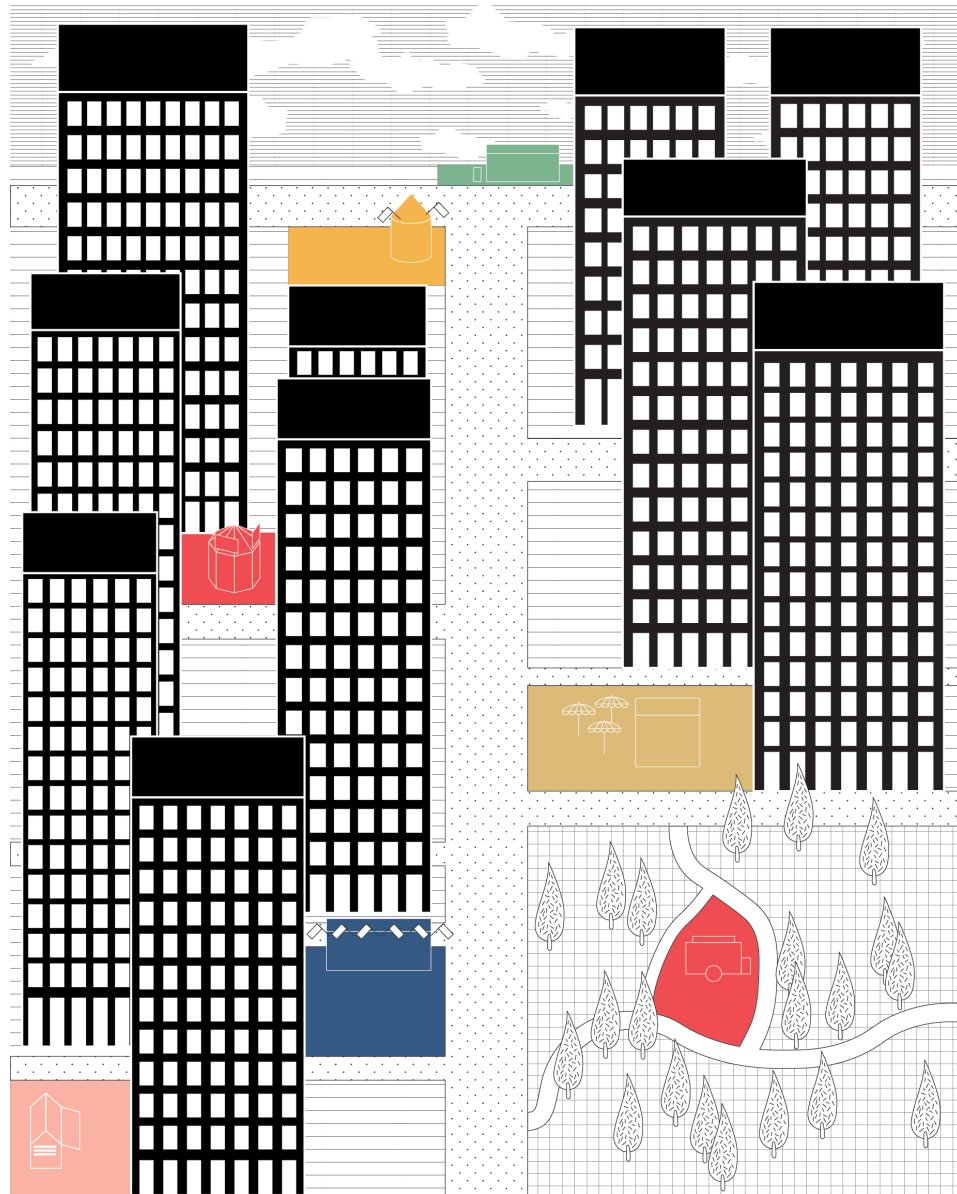


# IMPLEMENTATION OF KIOSKS

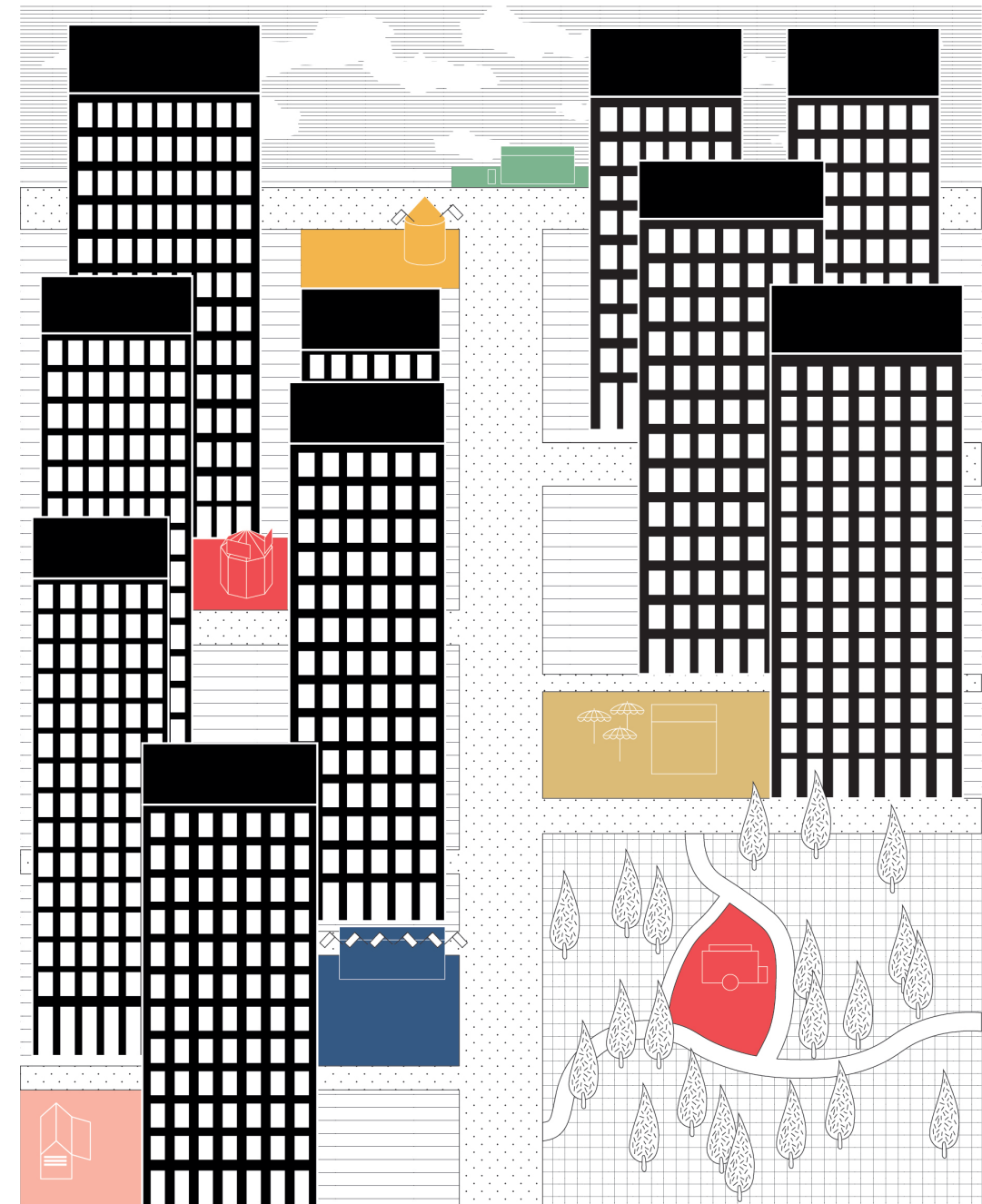
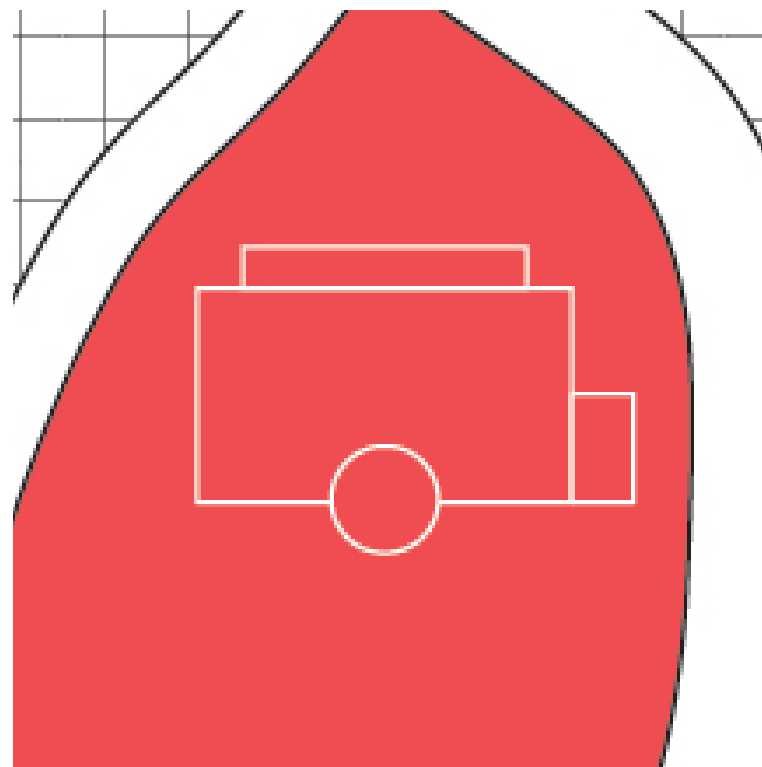




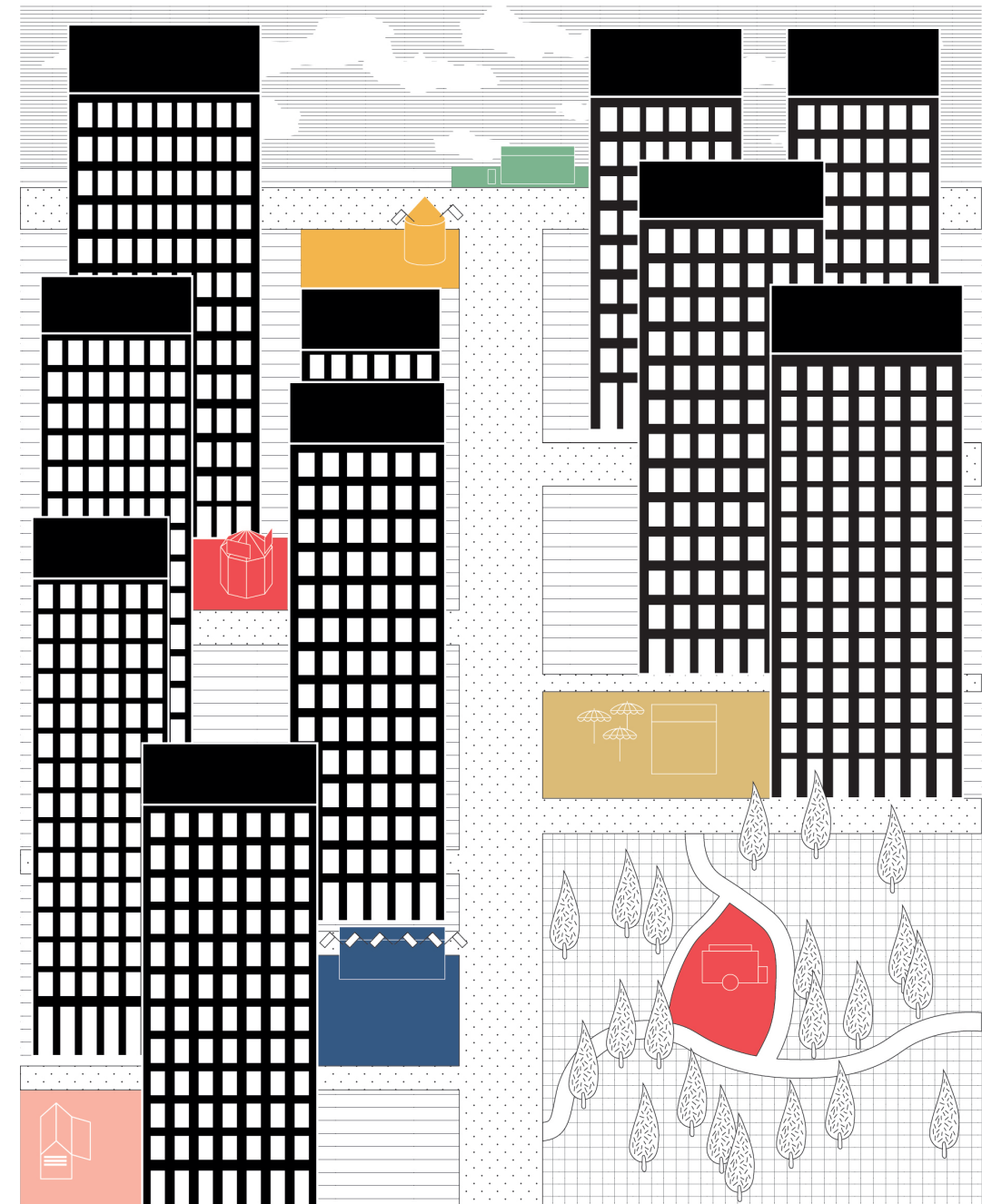
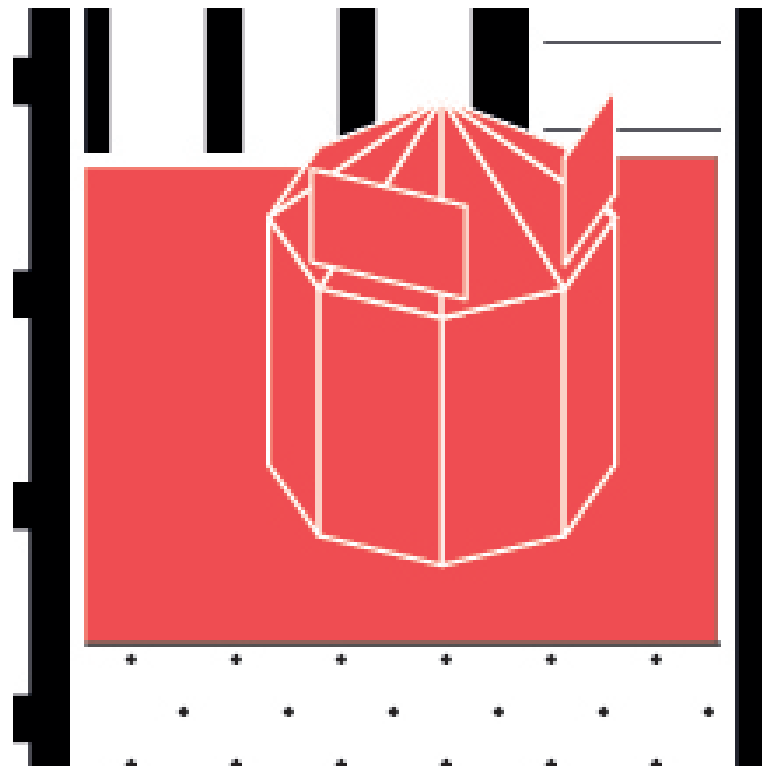
# ARCHITECTURAL COMPONENTS & LAYERING



# PROGRAMME

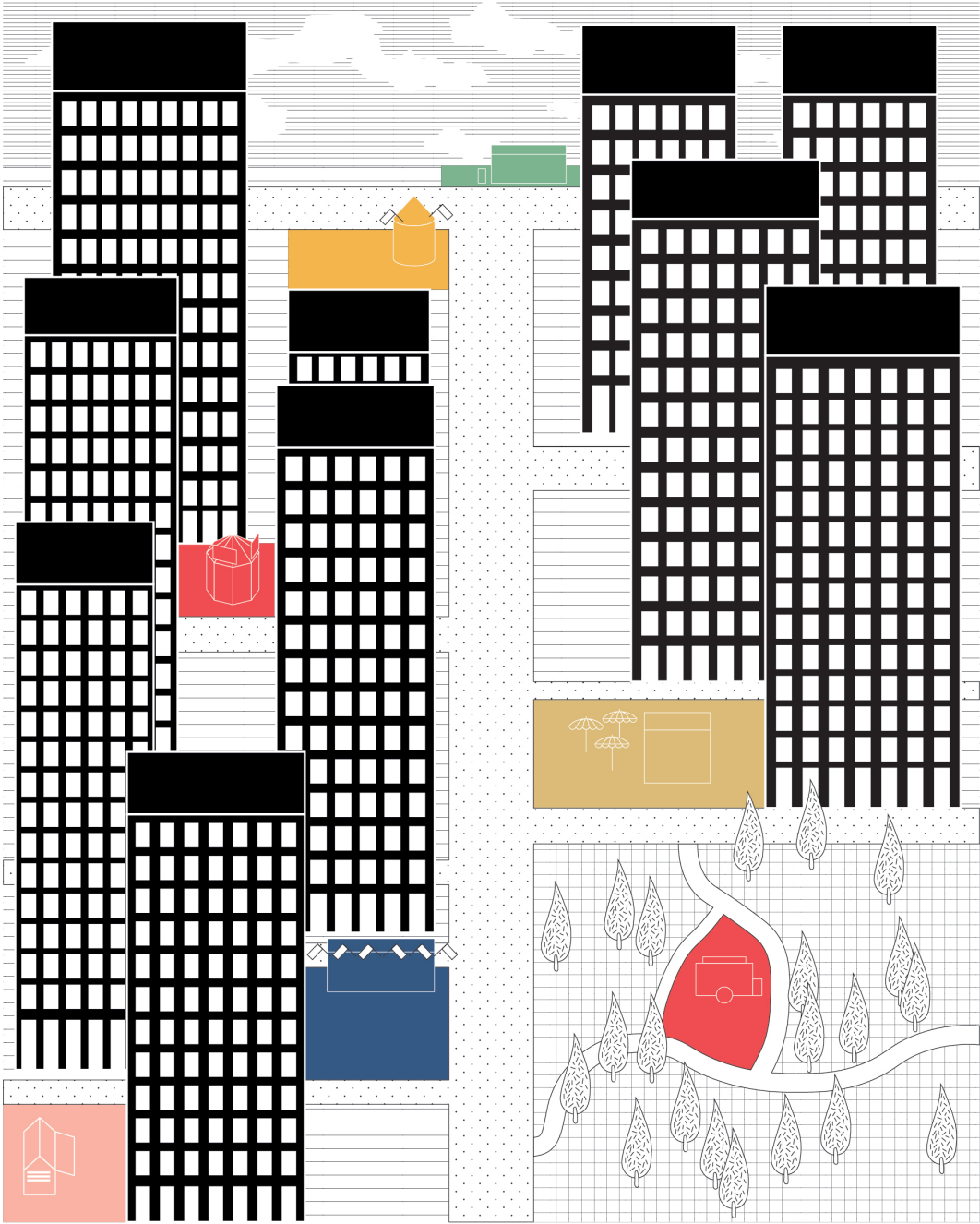
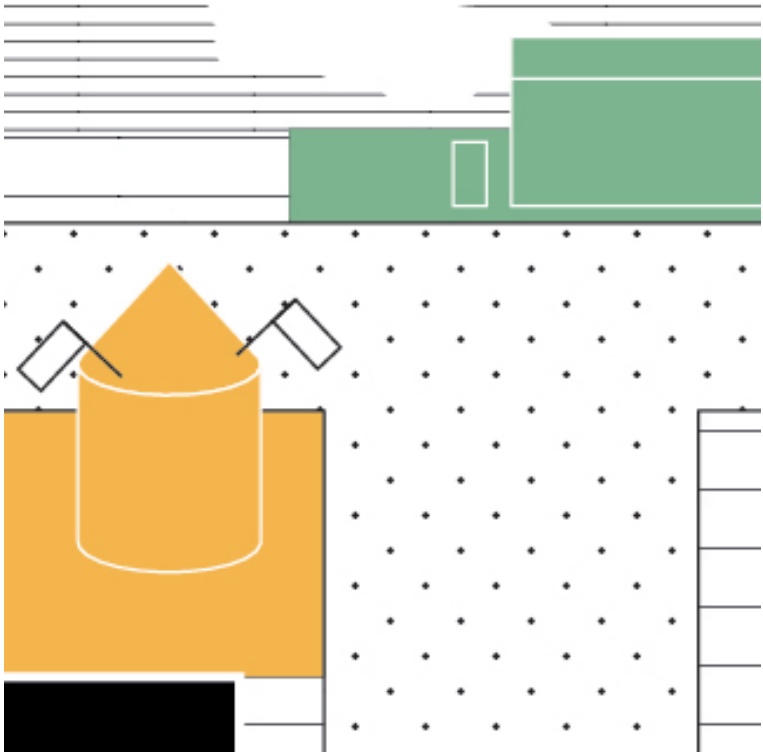


# VOLUME

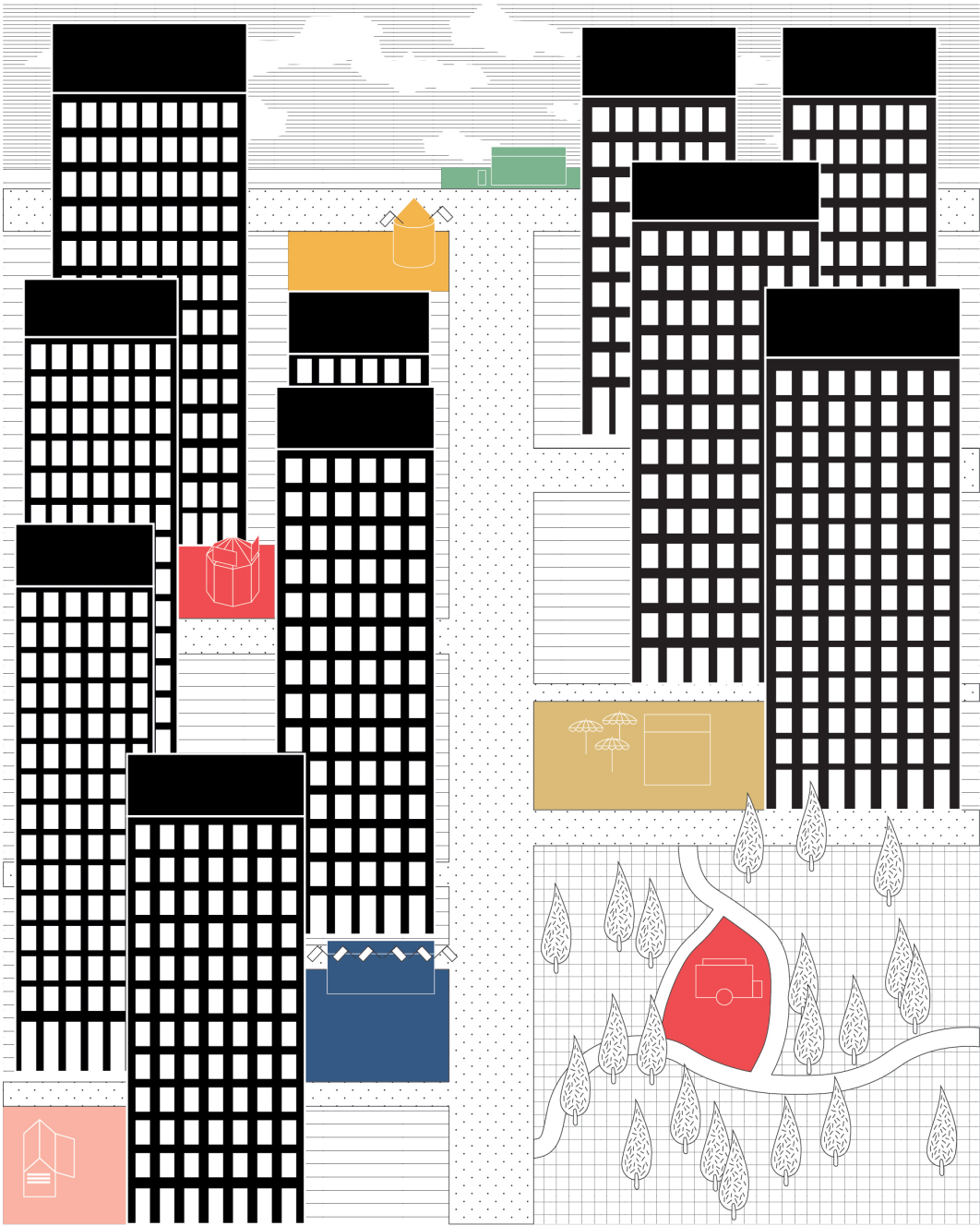
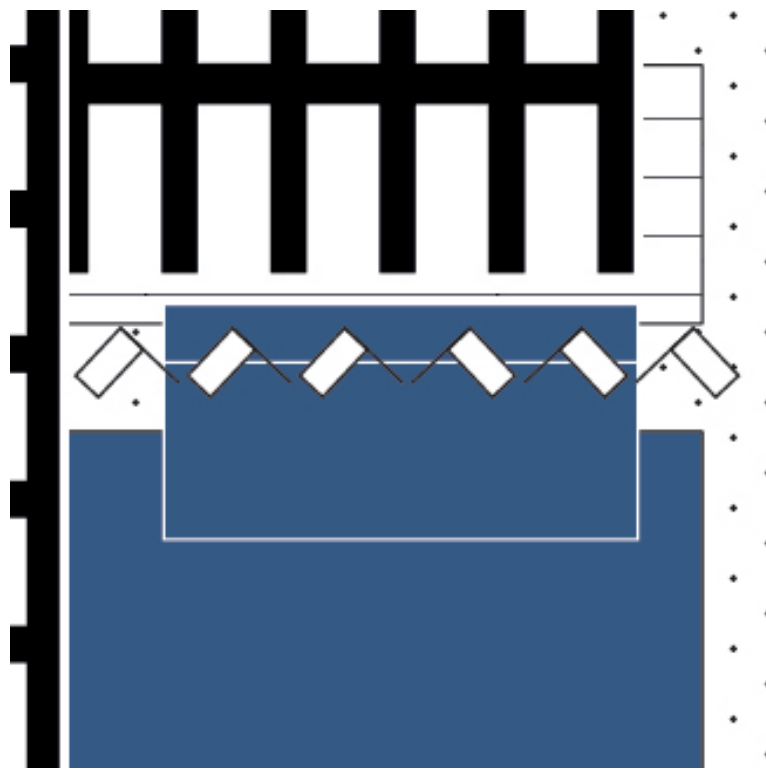




COLOUR



SIGNS



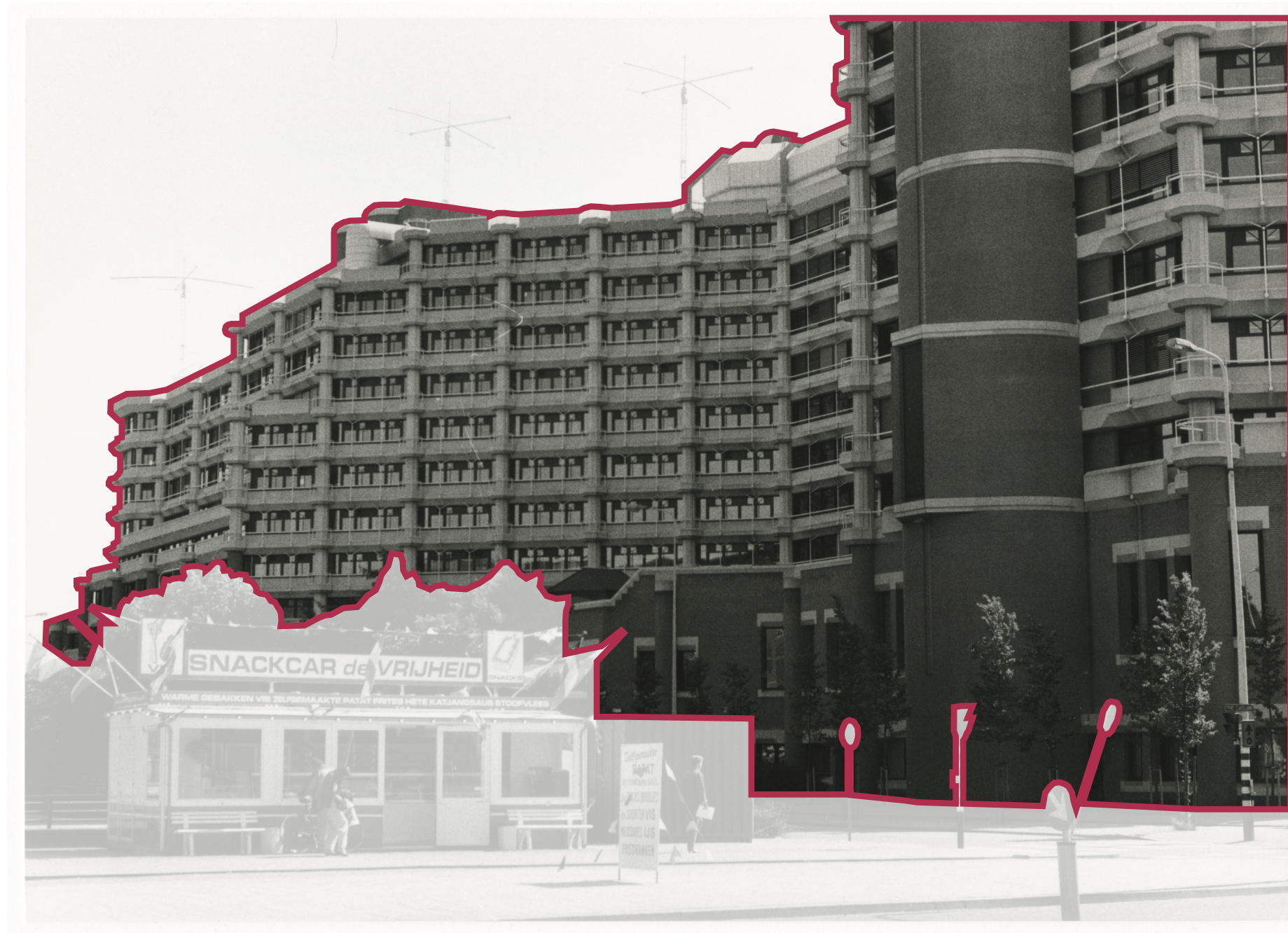


## ARCHITECTURAL LAYERS



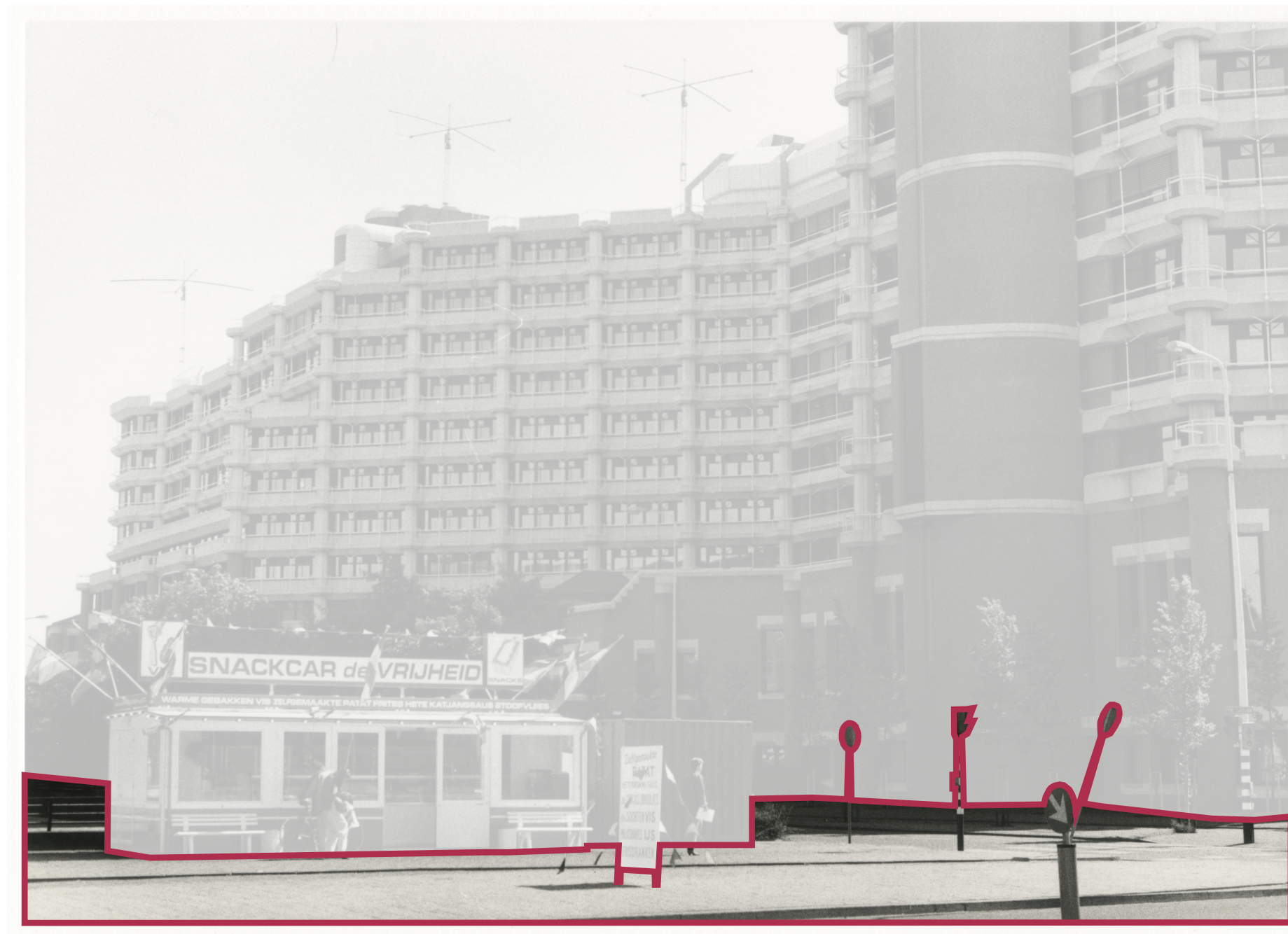


## SURROUNDINGS | PERMANENT & FORMAL





## BUILDING SPOT | PERMANENT & FORMAL





## KIOSK | TEMPORARY & INFORMAL



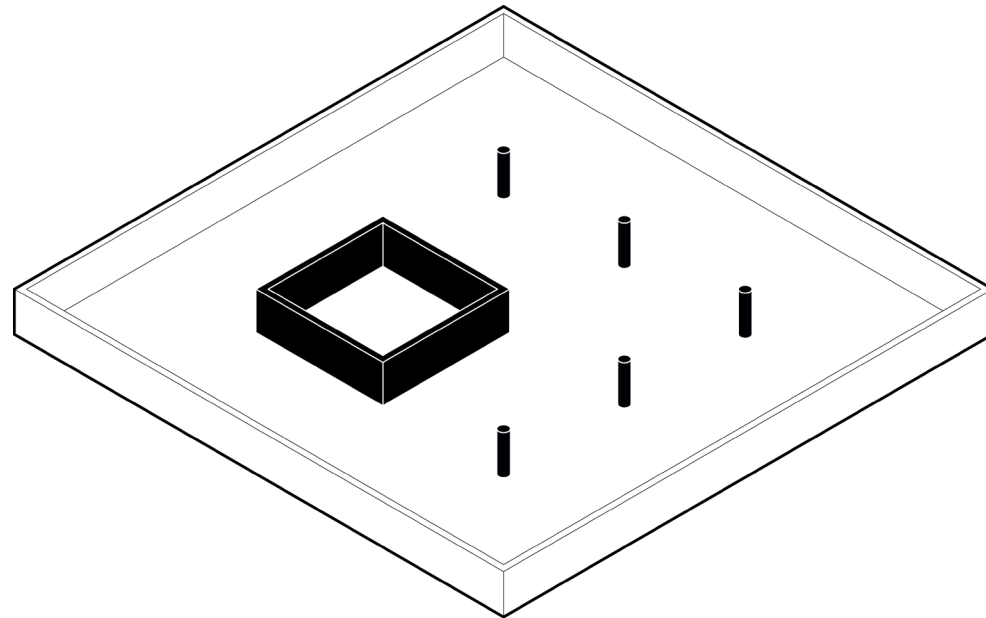


## FURNITURE | TEMPORARY & INFORMAL

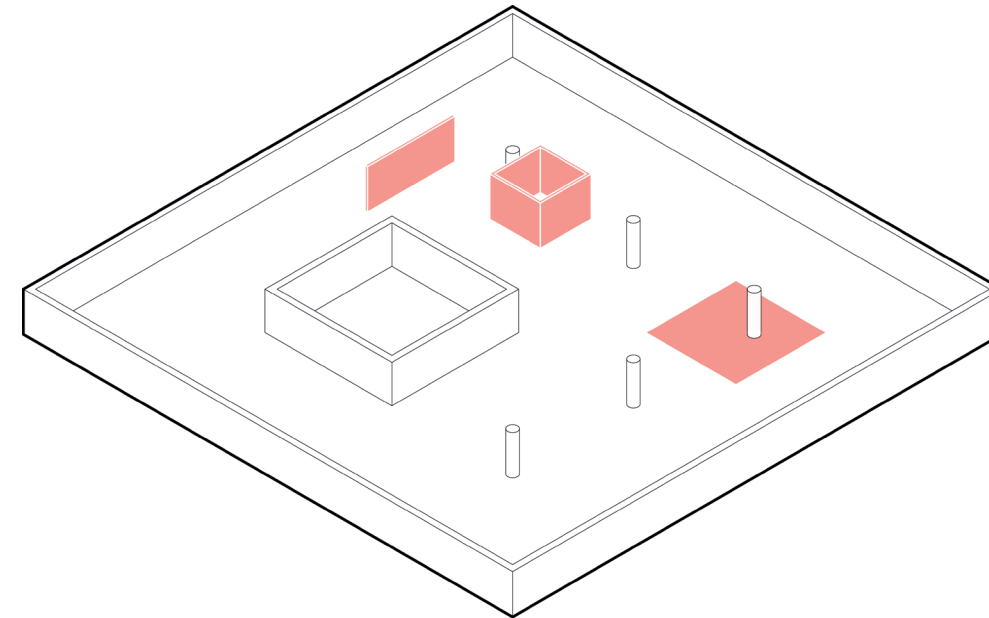


# IMPLEMENTING ARCHITECTURAL LAYERS

Permanent  
Formal

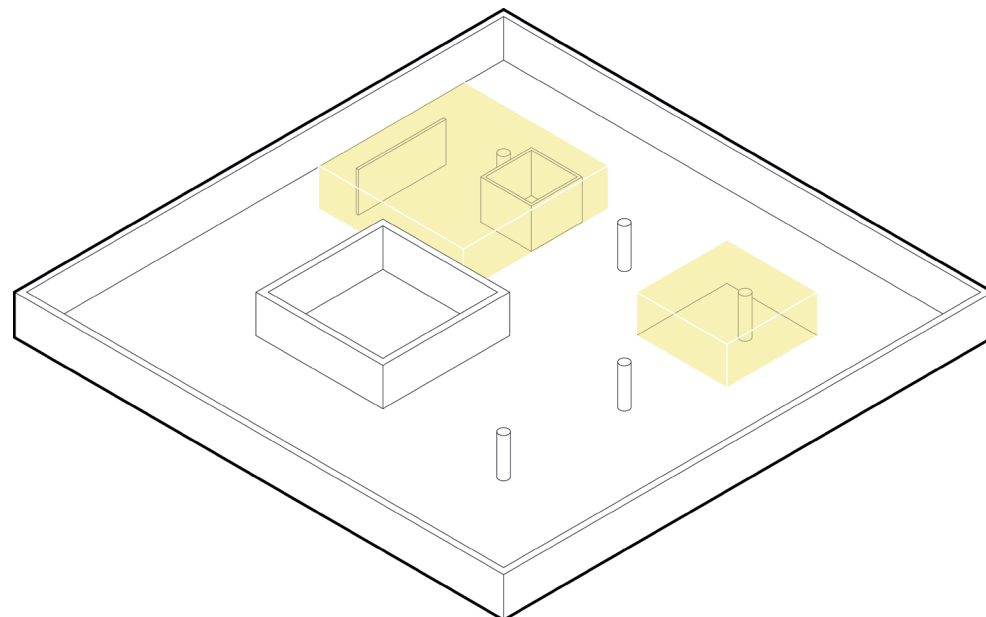


Surroundings | Structure

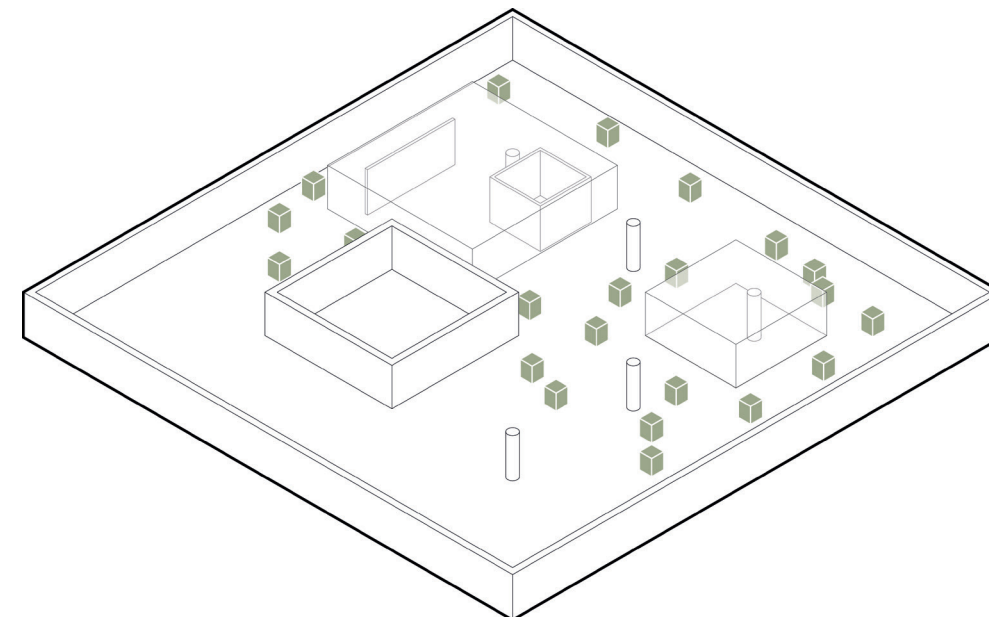


Building spot | Secondary structure

Temporary  
Informal

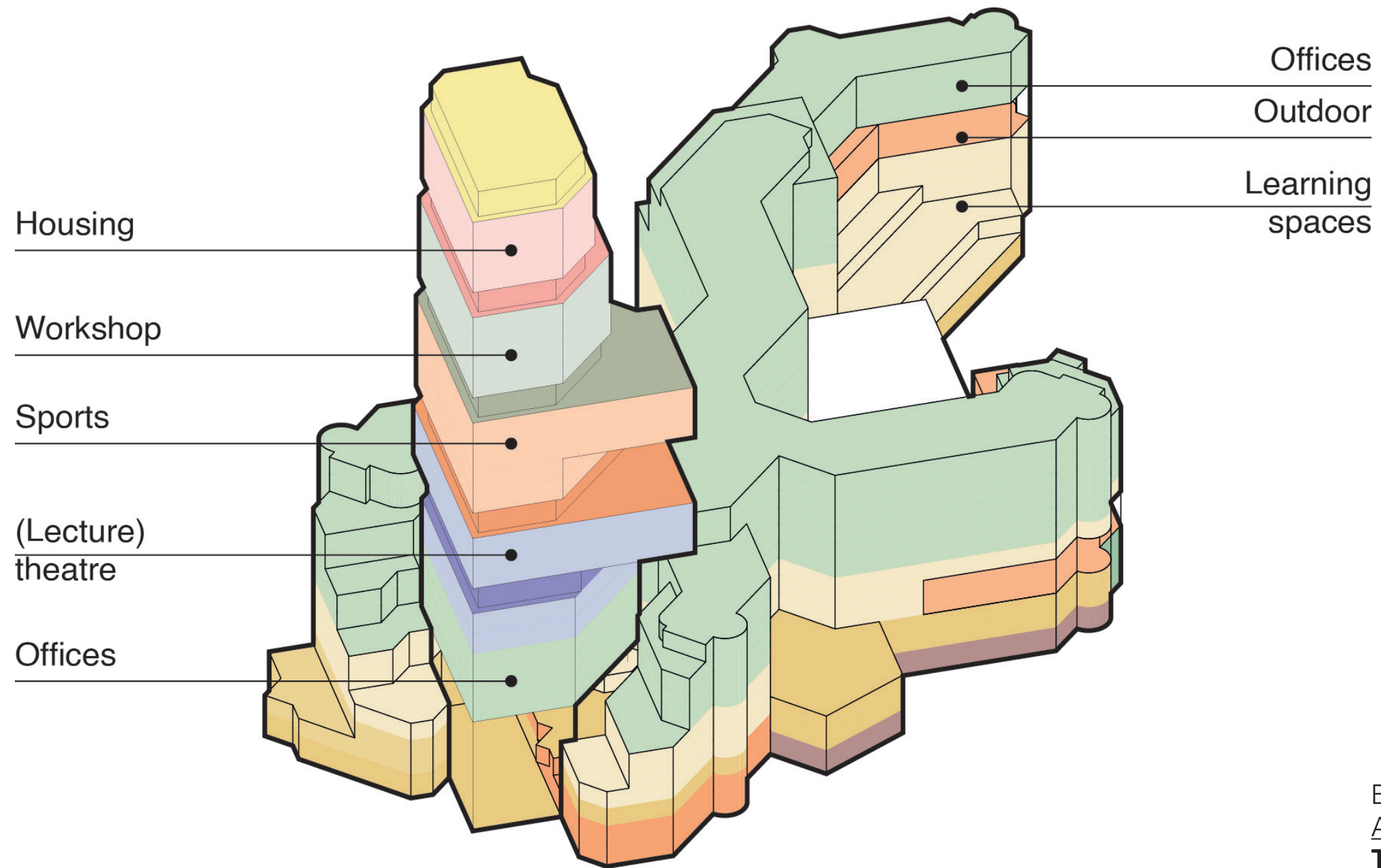


Kiosk | Programme



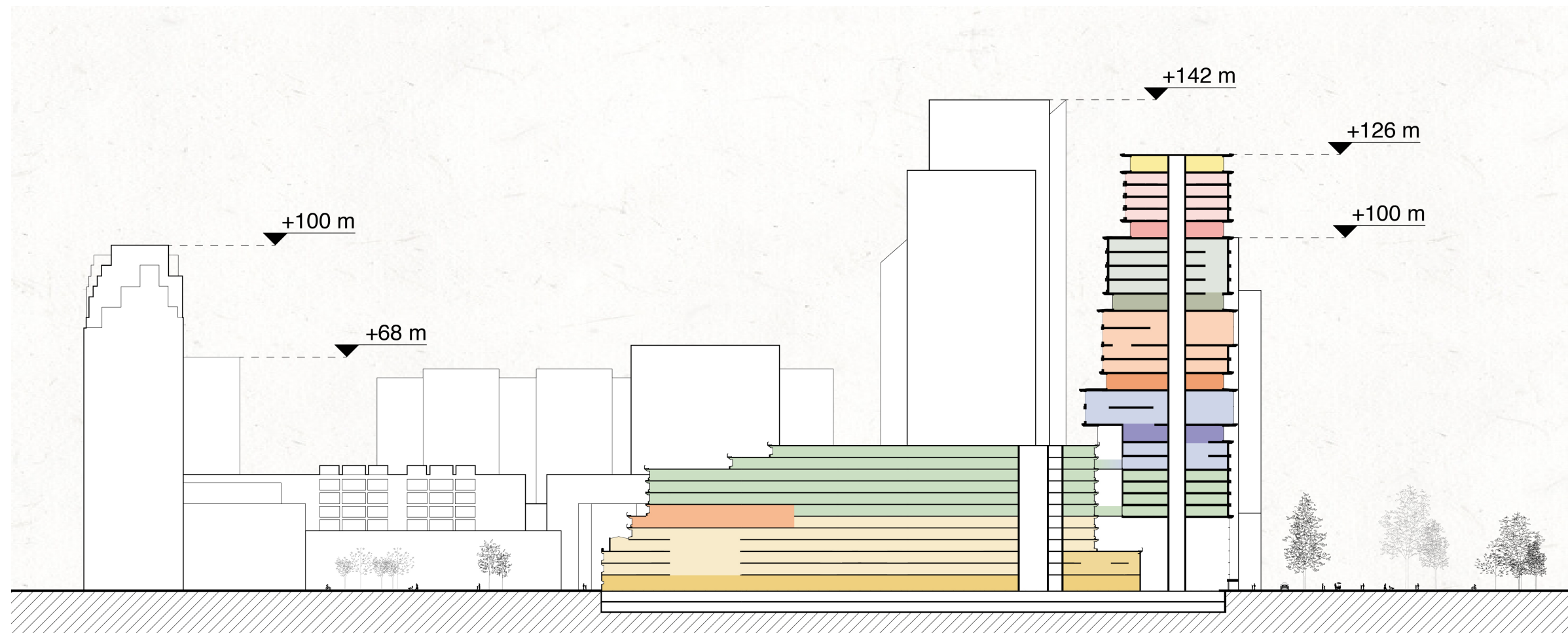
Furniture | Furniture

# PROGRAMME DIAGRAM

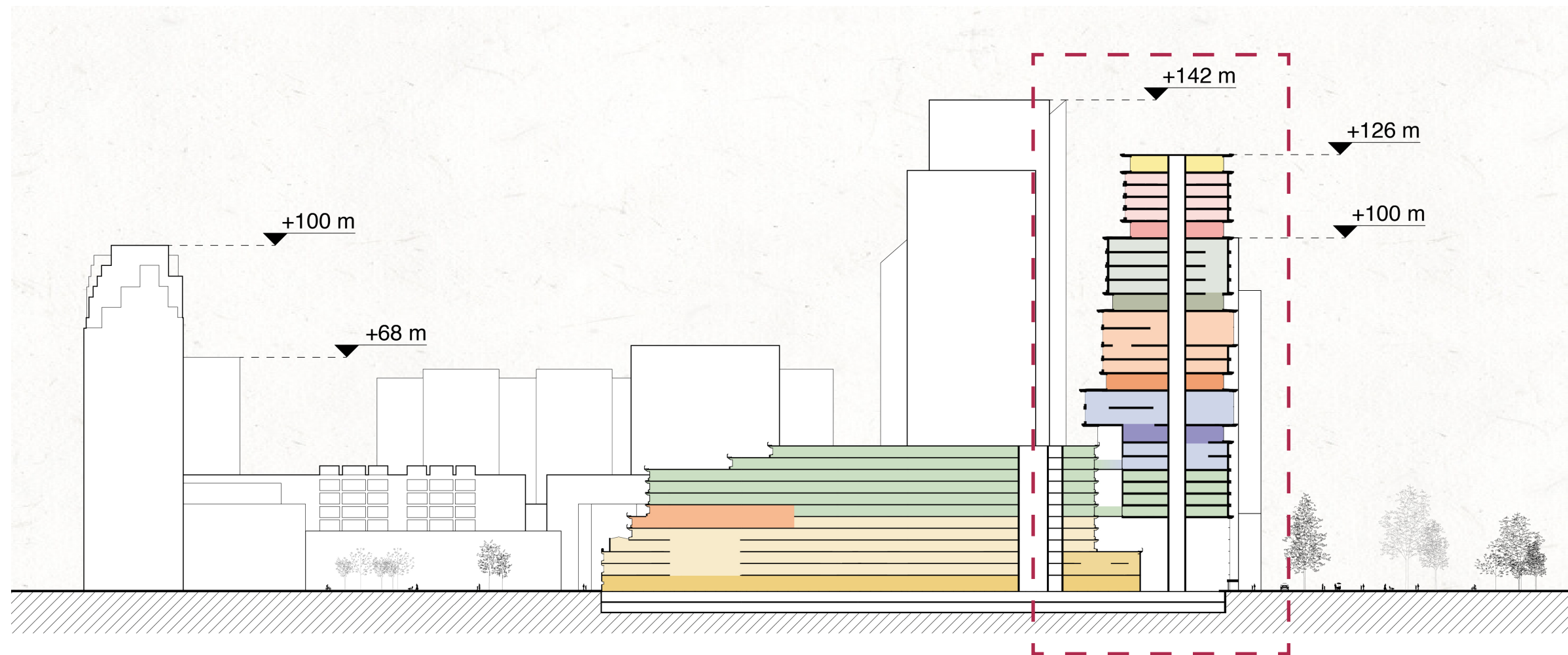




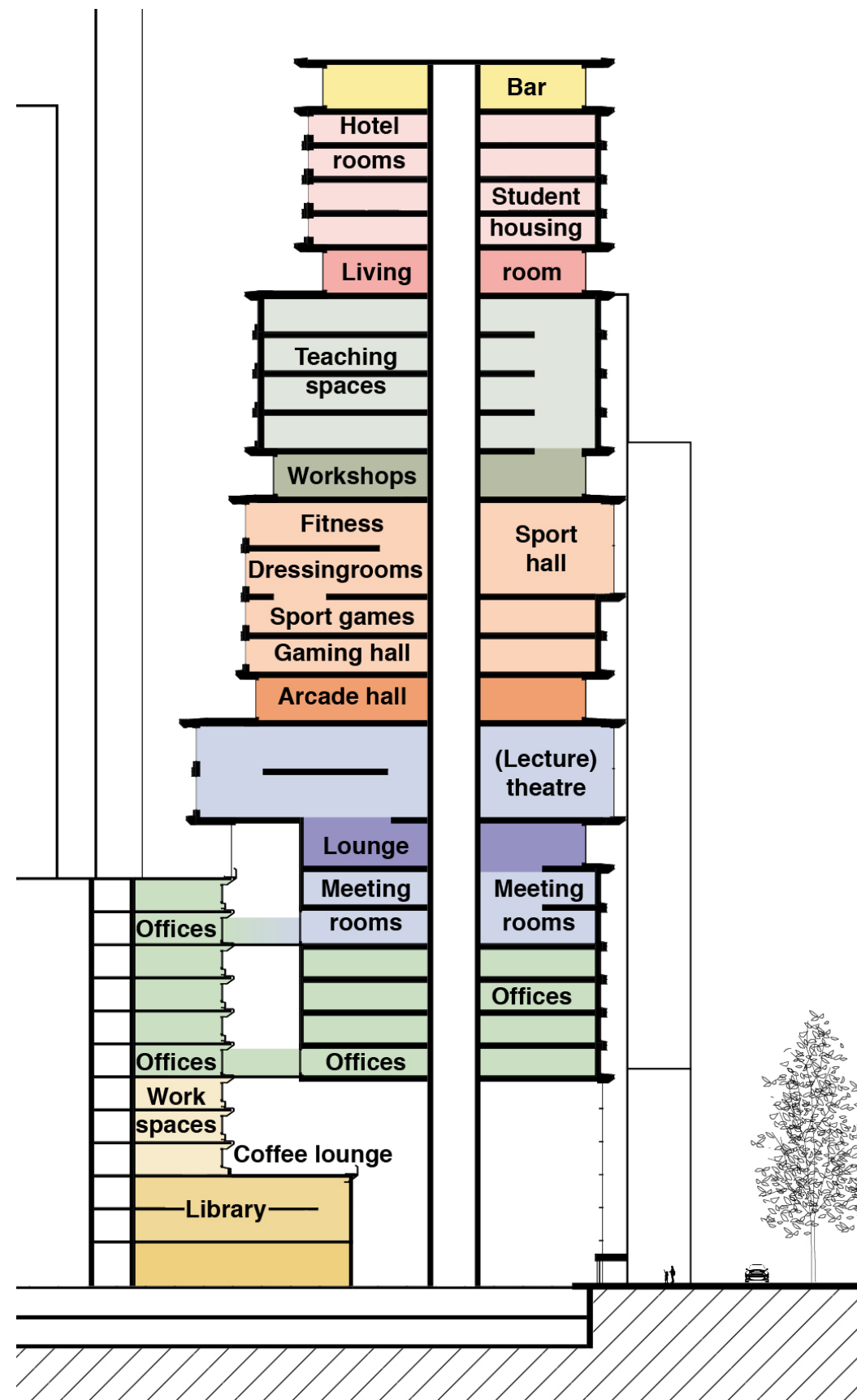
# NEW URBAN SECTION



# NEW URBAN SECTION

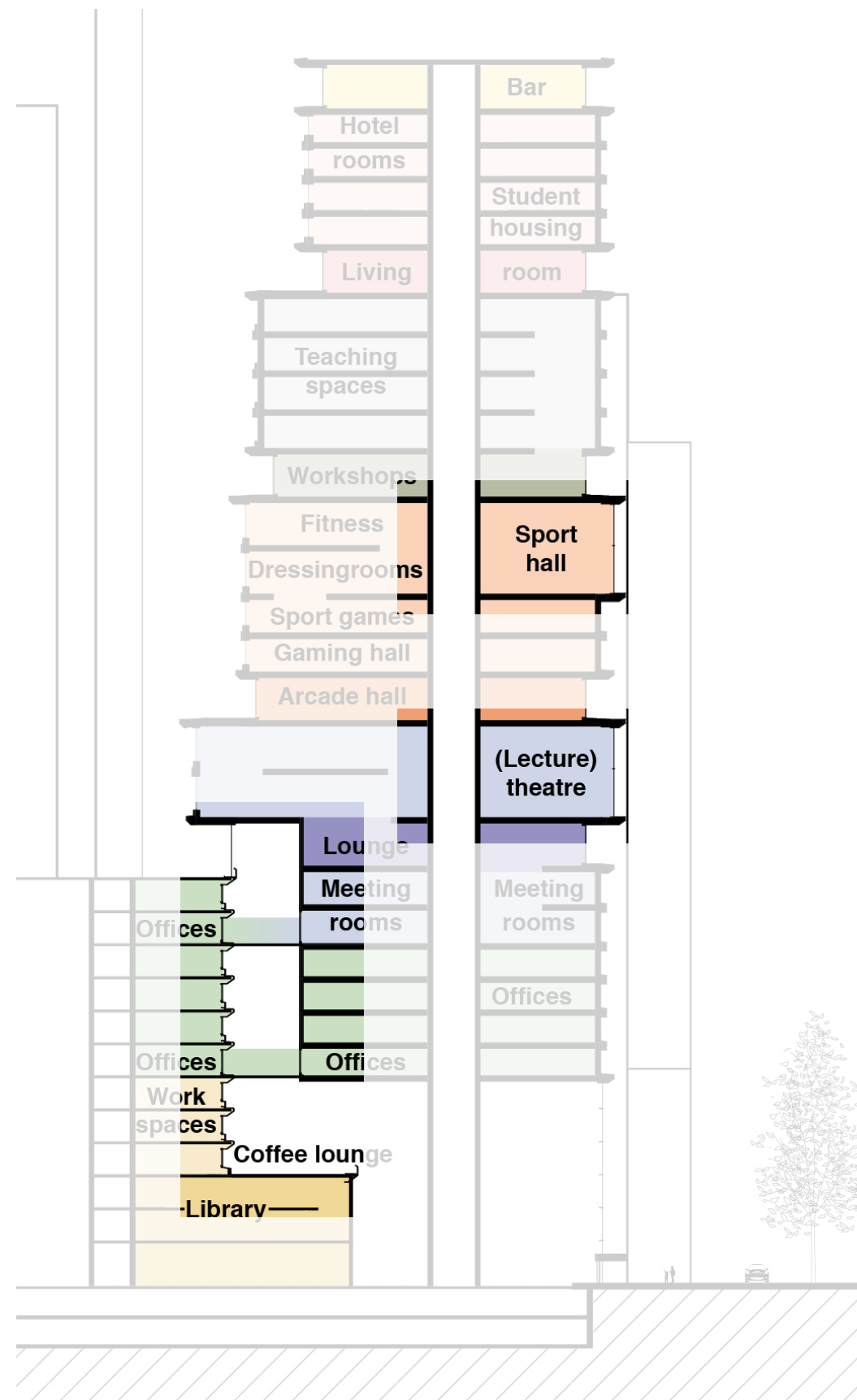


## RELATION BETWEEN PROGRAMME TOWER AND EXISTING BUILDING

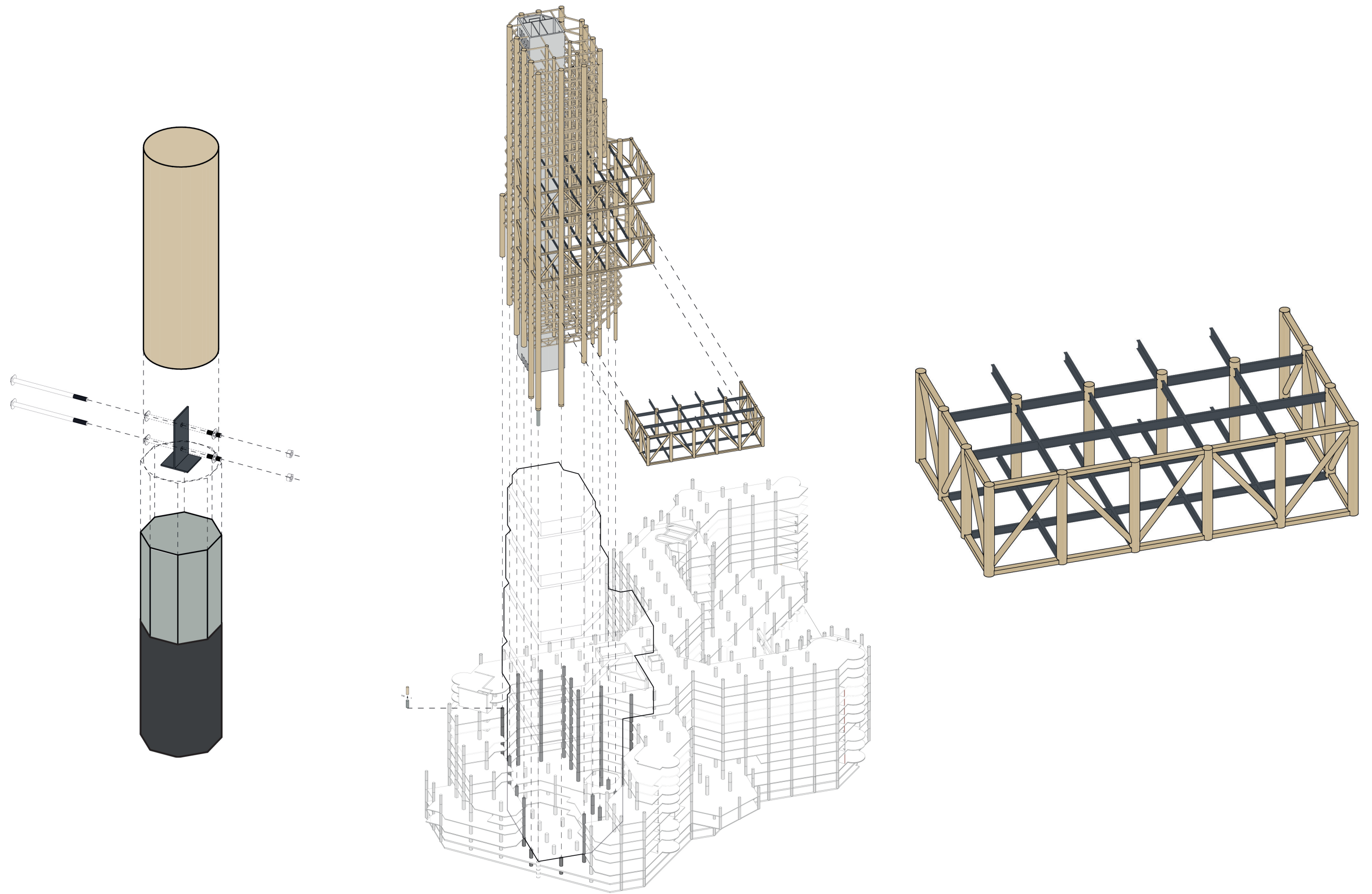




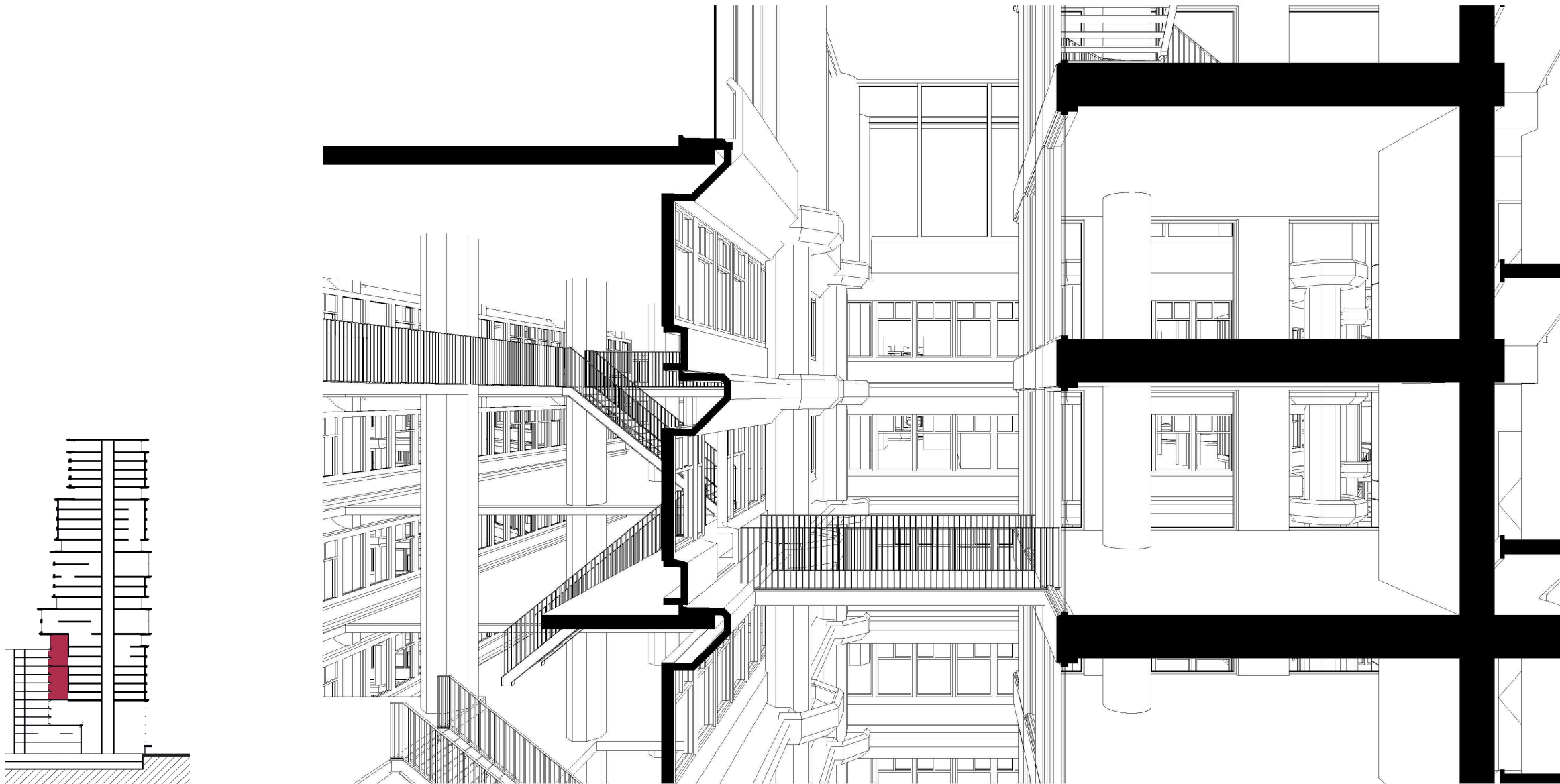
# CONSTRUCTION EXCEPTIONS



# CONSTRUCTION



## SPACE BETWEEN NEW VOLUME AND EXISTING BUILDING





## SPACE BETWEEN NEW VOLUME AND EXISTING BUILDING

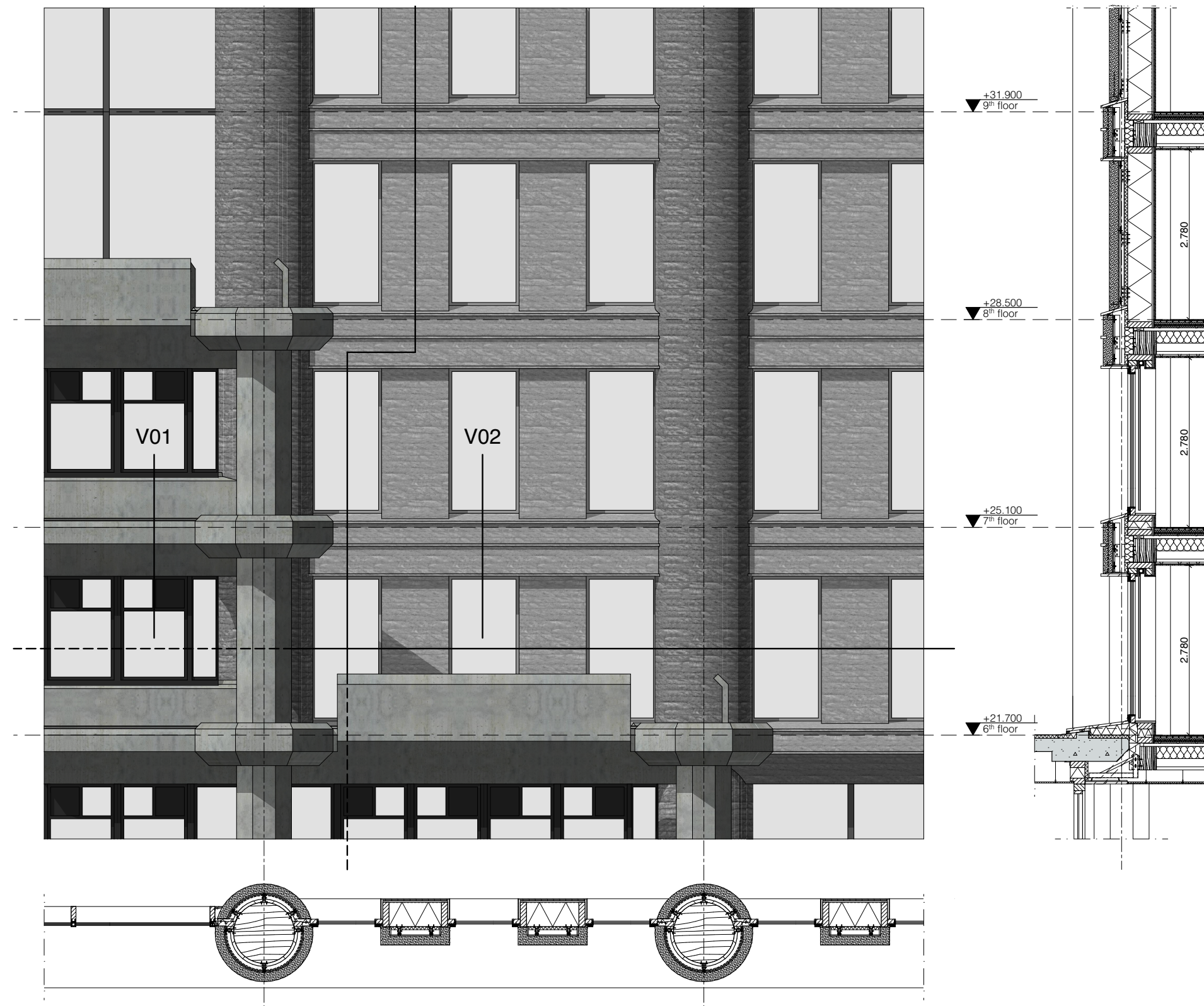




## RELATION BETWEEN NEW VOLUME AND EXISTING BUILDING

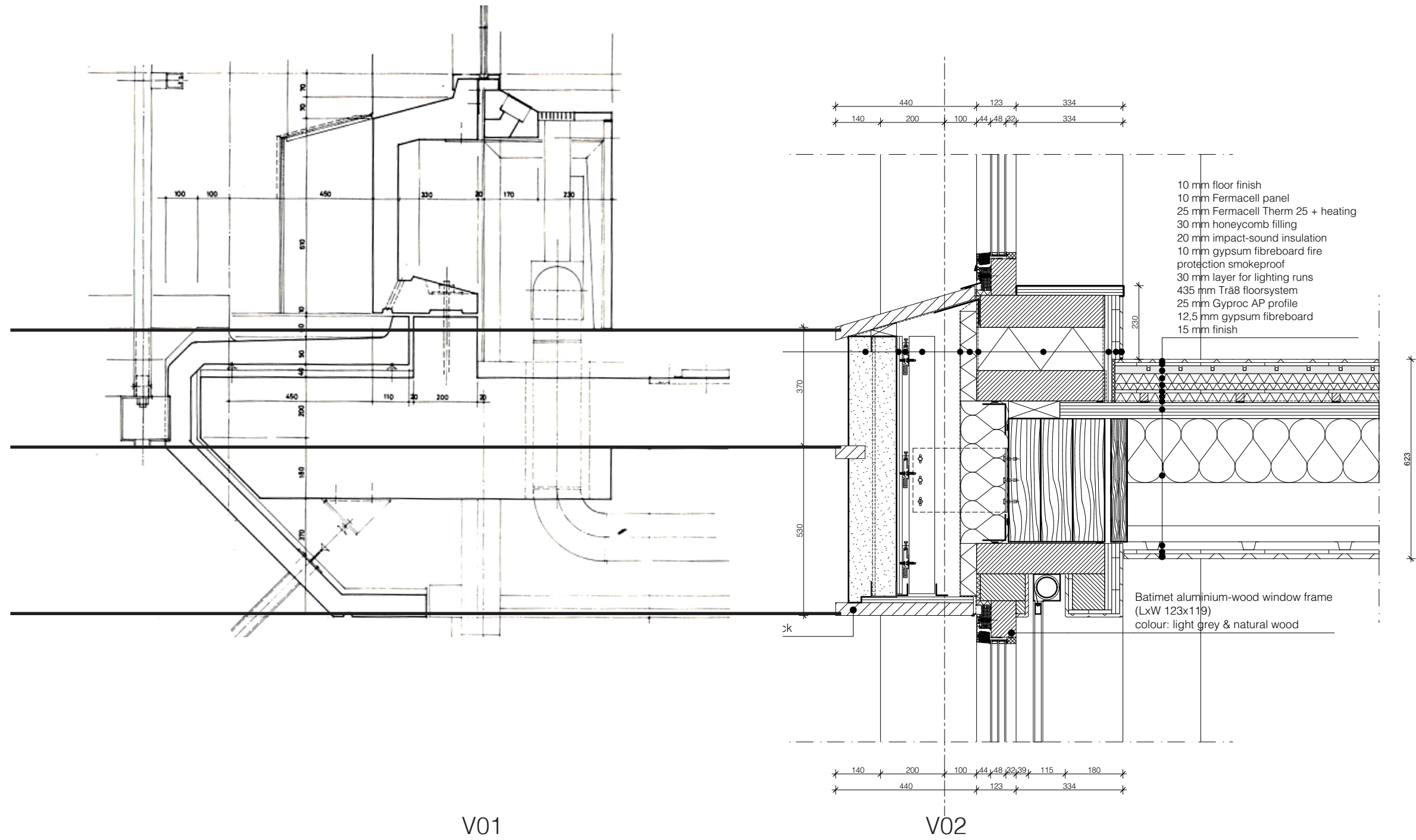


# FRAGMENT EXISTING AND NEW





# DETAILING EXISTING AND NEW



# ELEVATIONS EXISTING



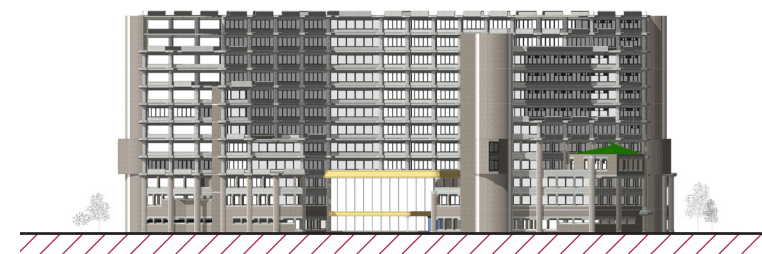
North-east facade



North-west facade

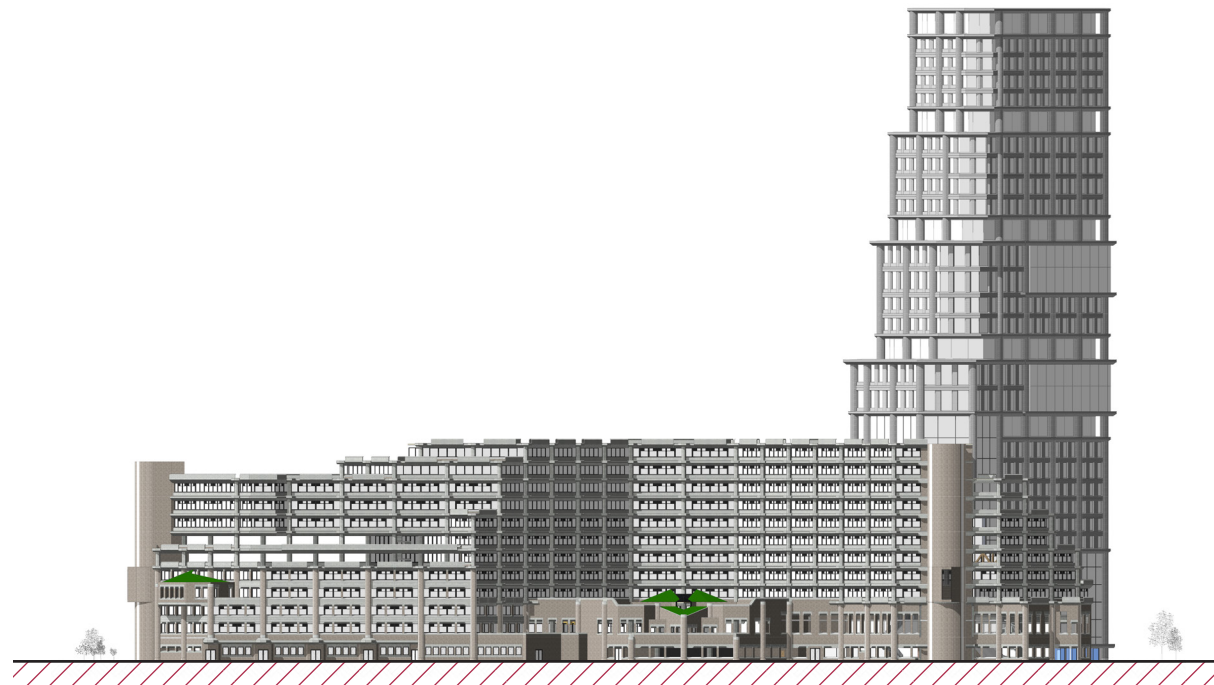


South-west facade

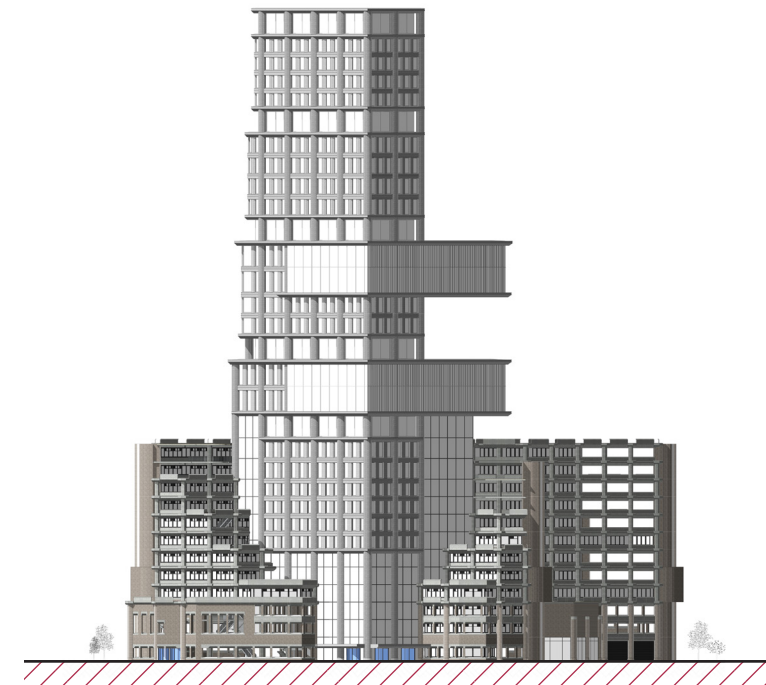


South-east facade

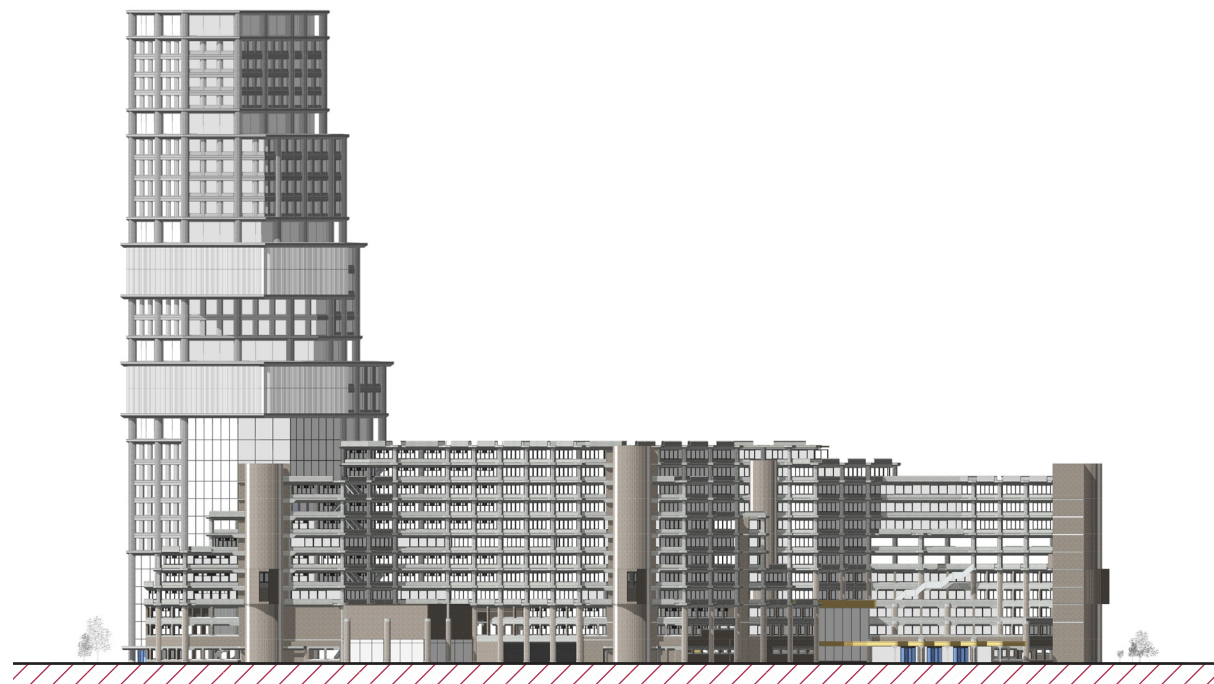
# ELEVATIONS NEW



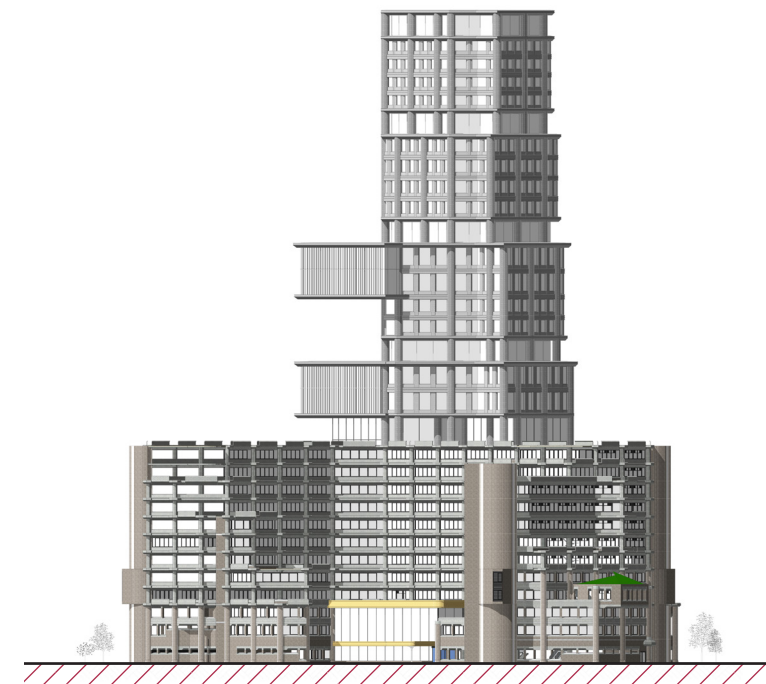
North-east facade



North-west facade



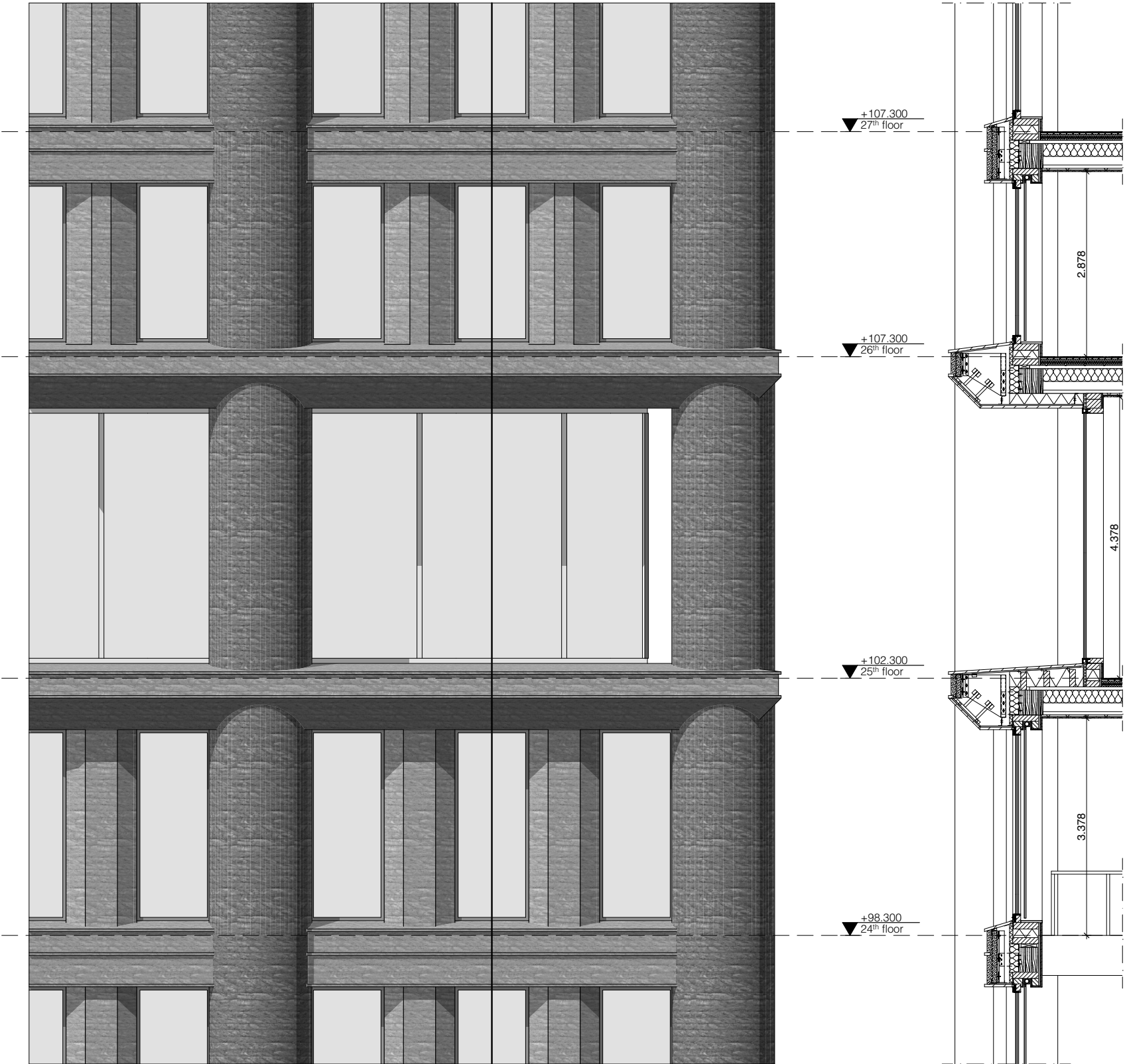
South-west facade



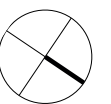
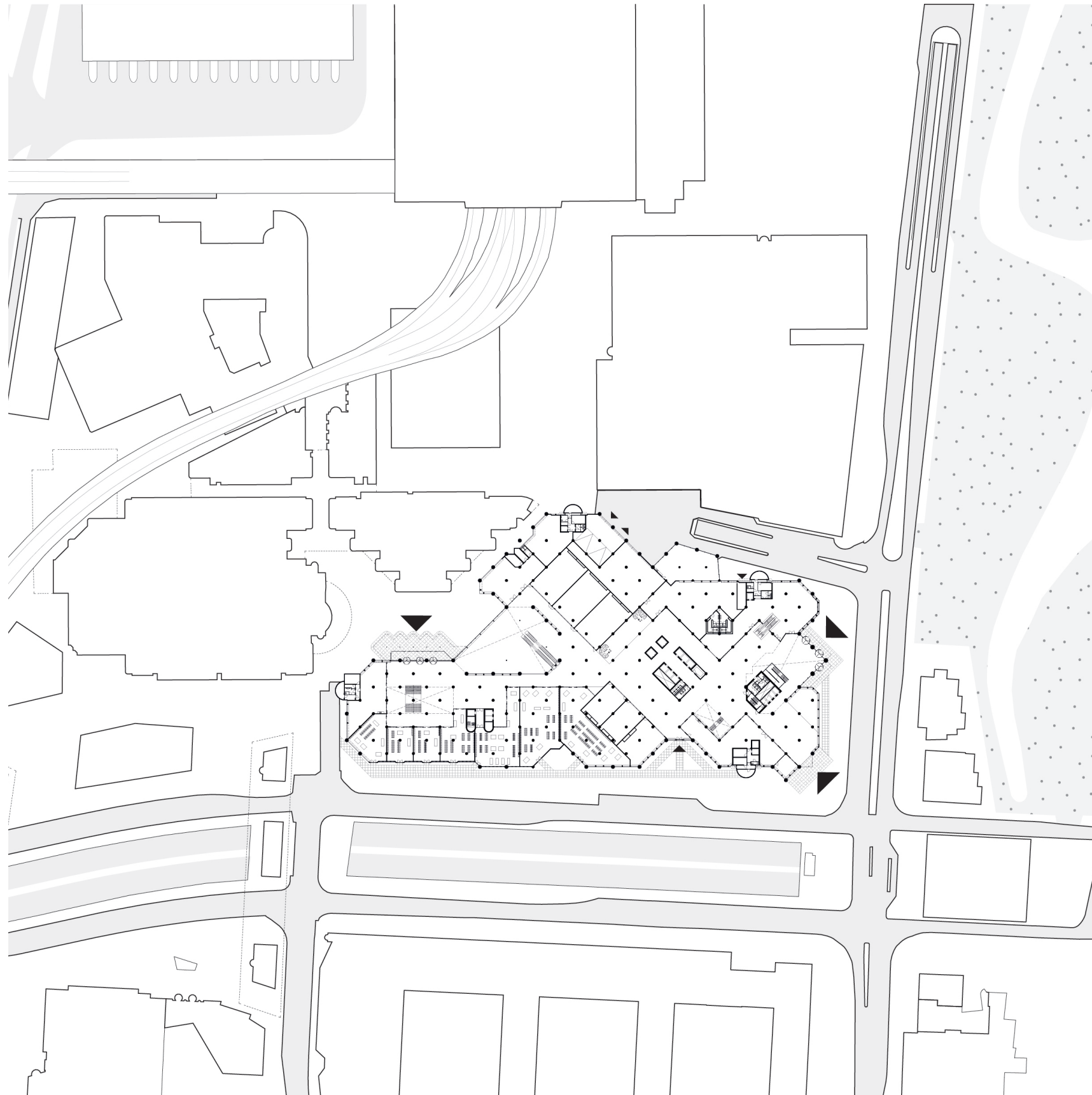
South-east facade



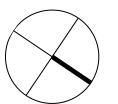
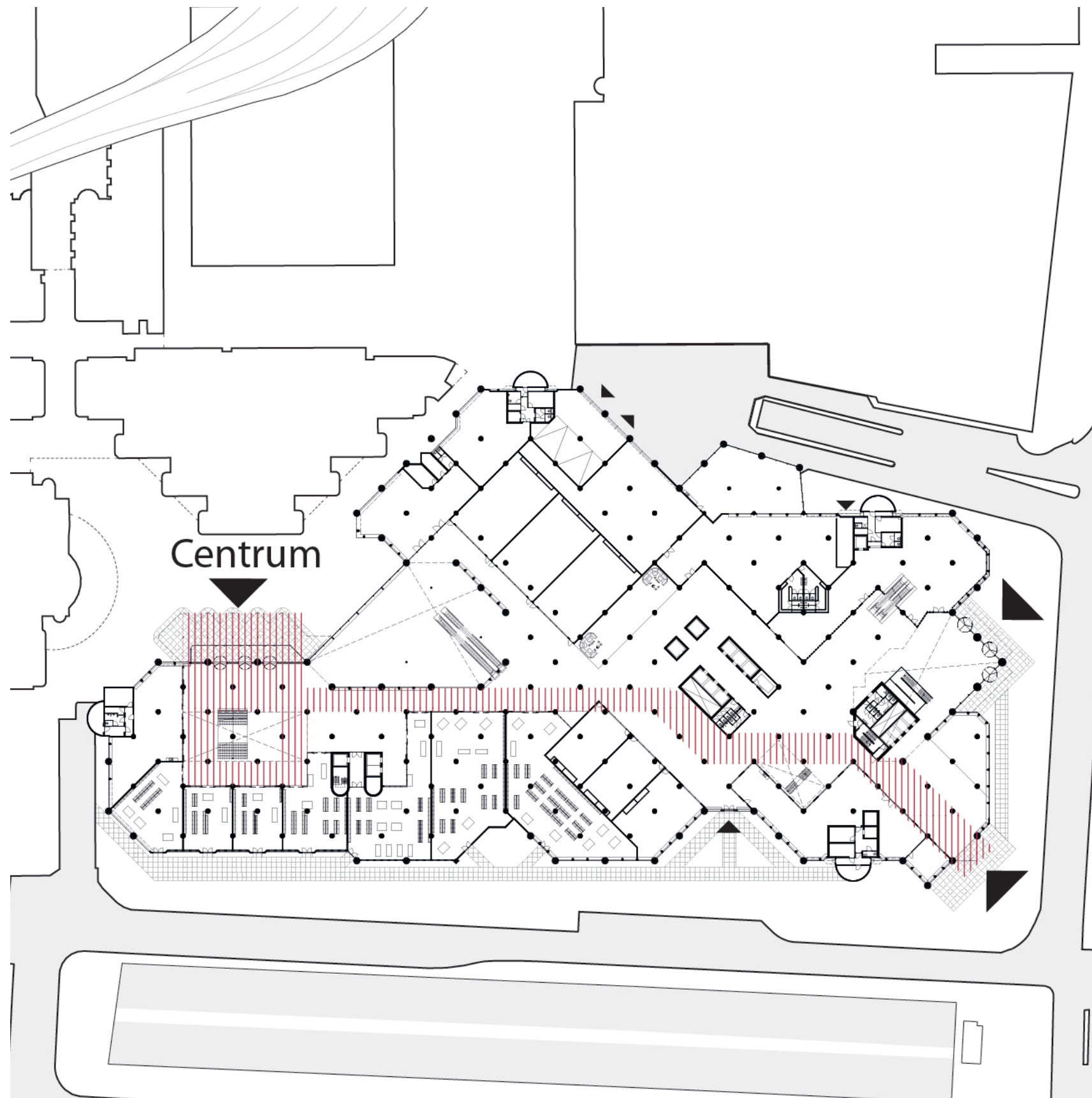
FRAGMENT PUBLIC FLOOR



# NEW SITE PLAN

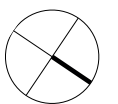


# SHOPPING STREET

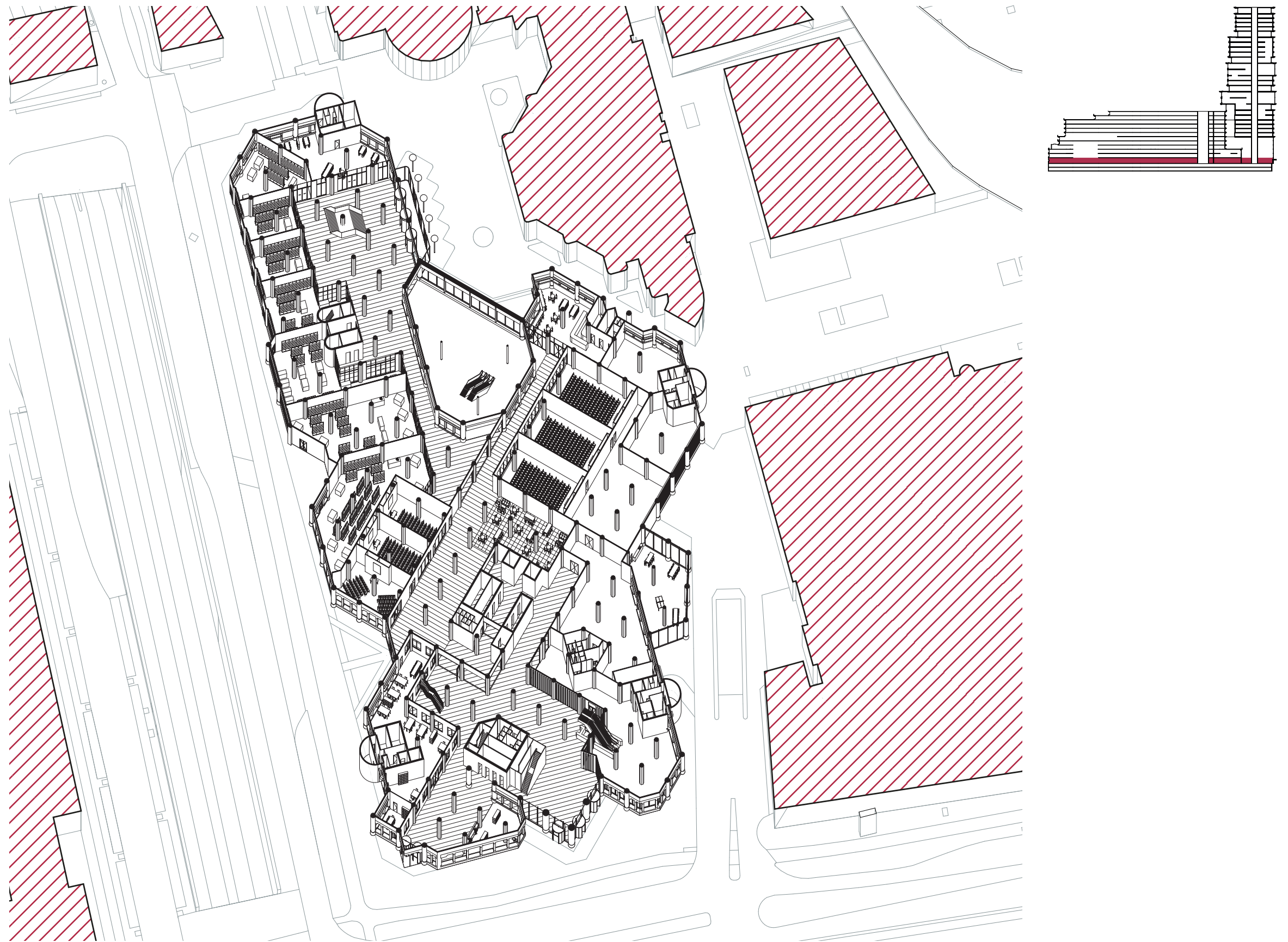




# LECTURE STREET

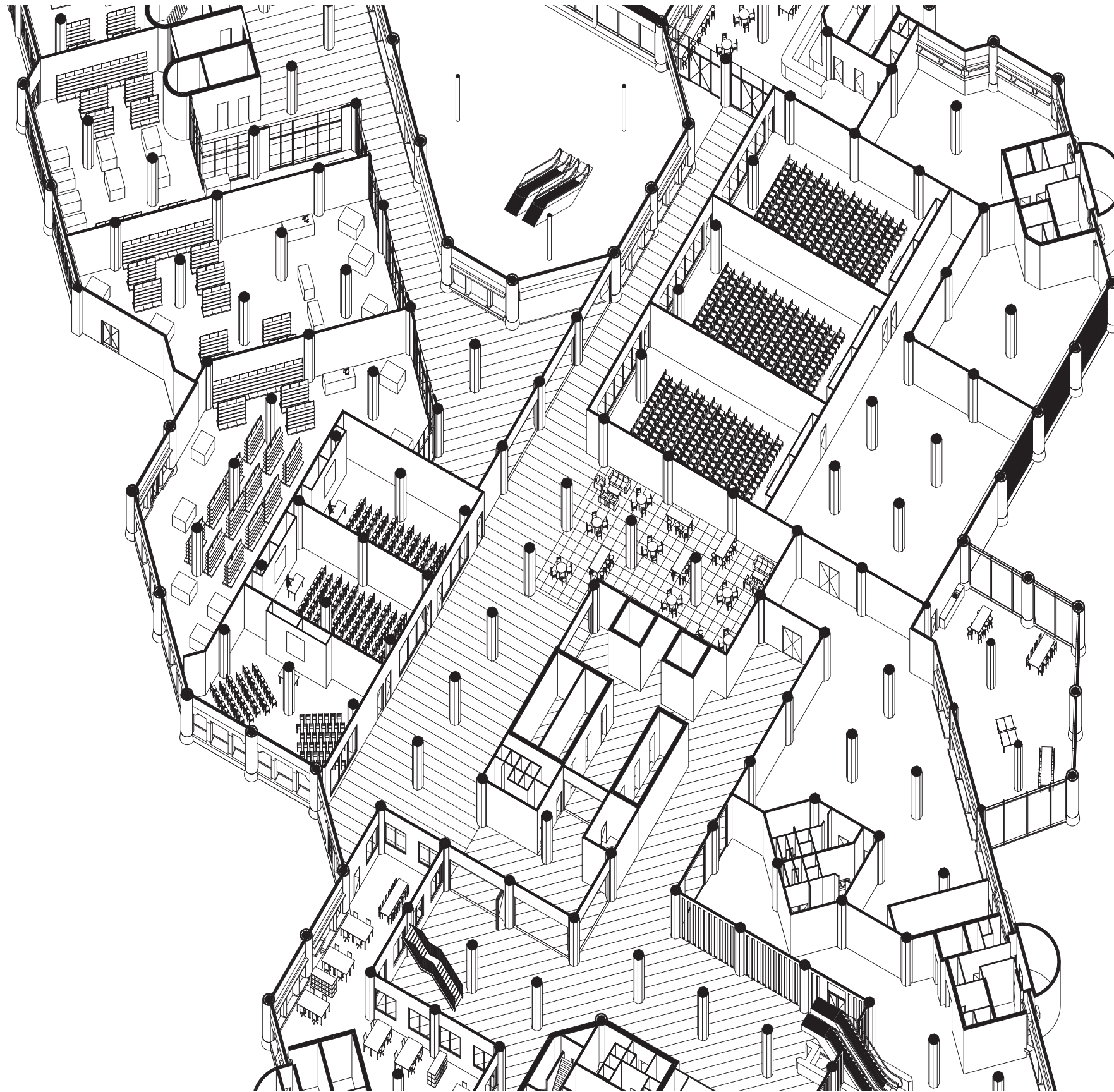


# GROUND FLOOR





## GROUND FLOOR DURING THE DAY

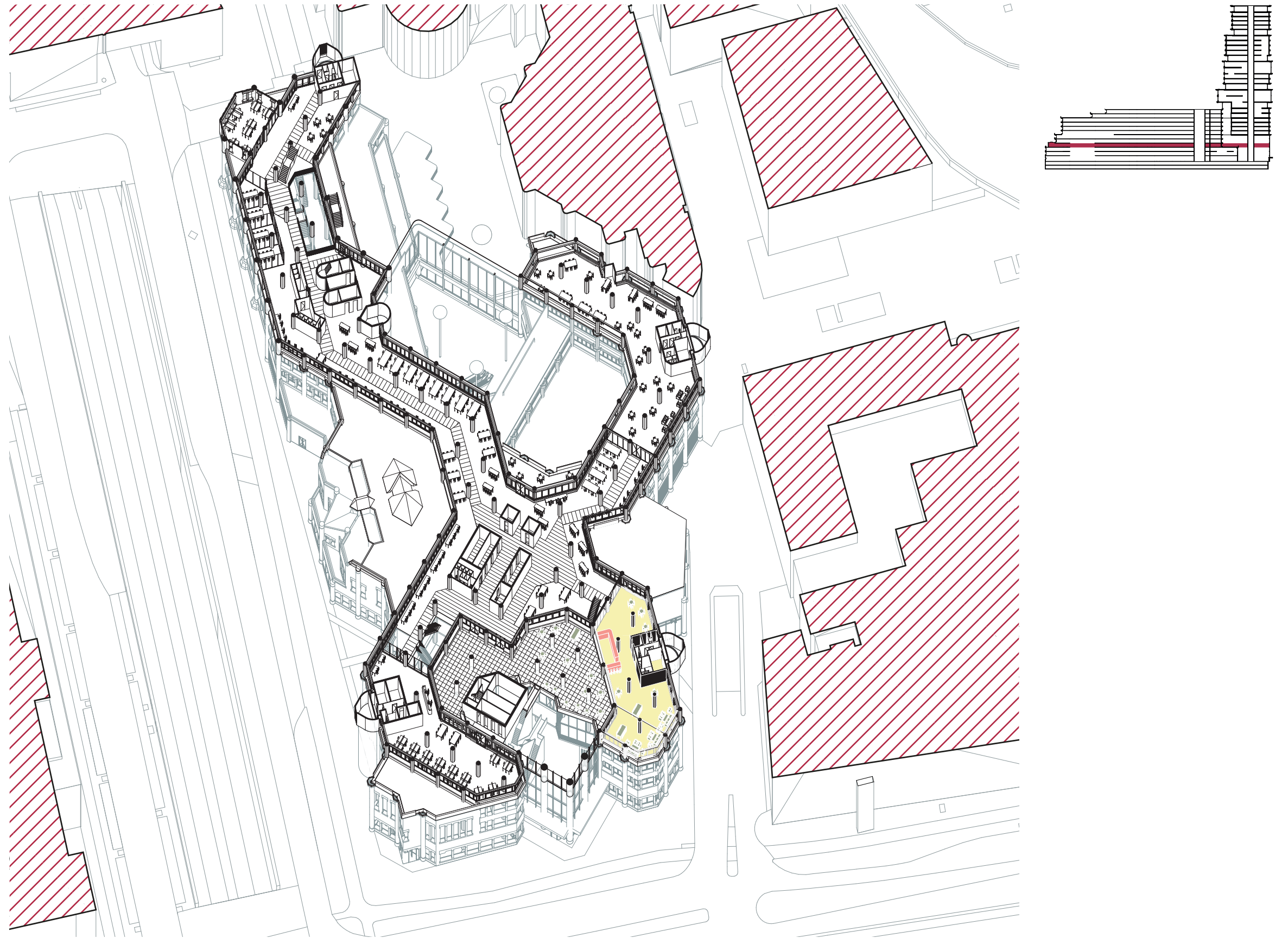




## GROUND FLOOR IN THE EVENING

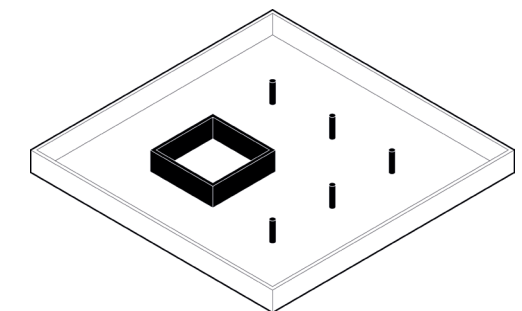


# 3<sup>TH</sup> FLOOR

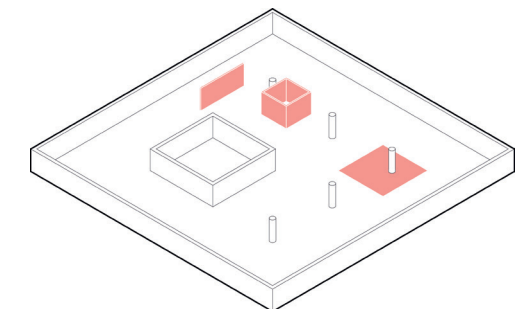




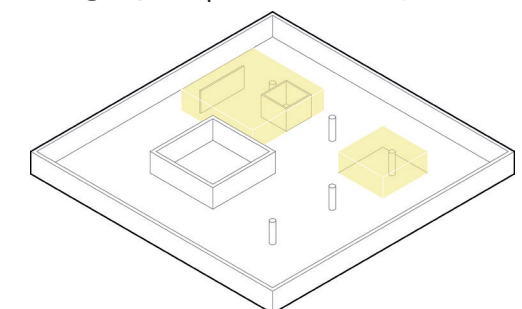
## 3<sup>TH</sup> FLOOR



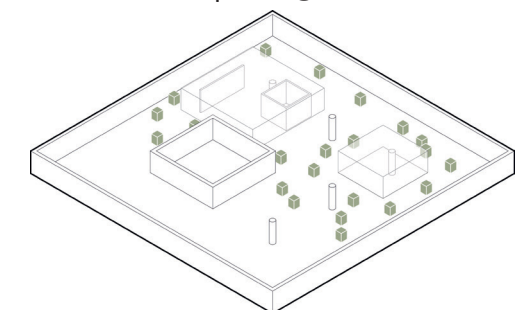
Surroundings | Structure



Building spot | Secondary structure



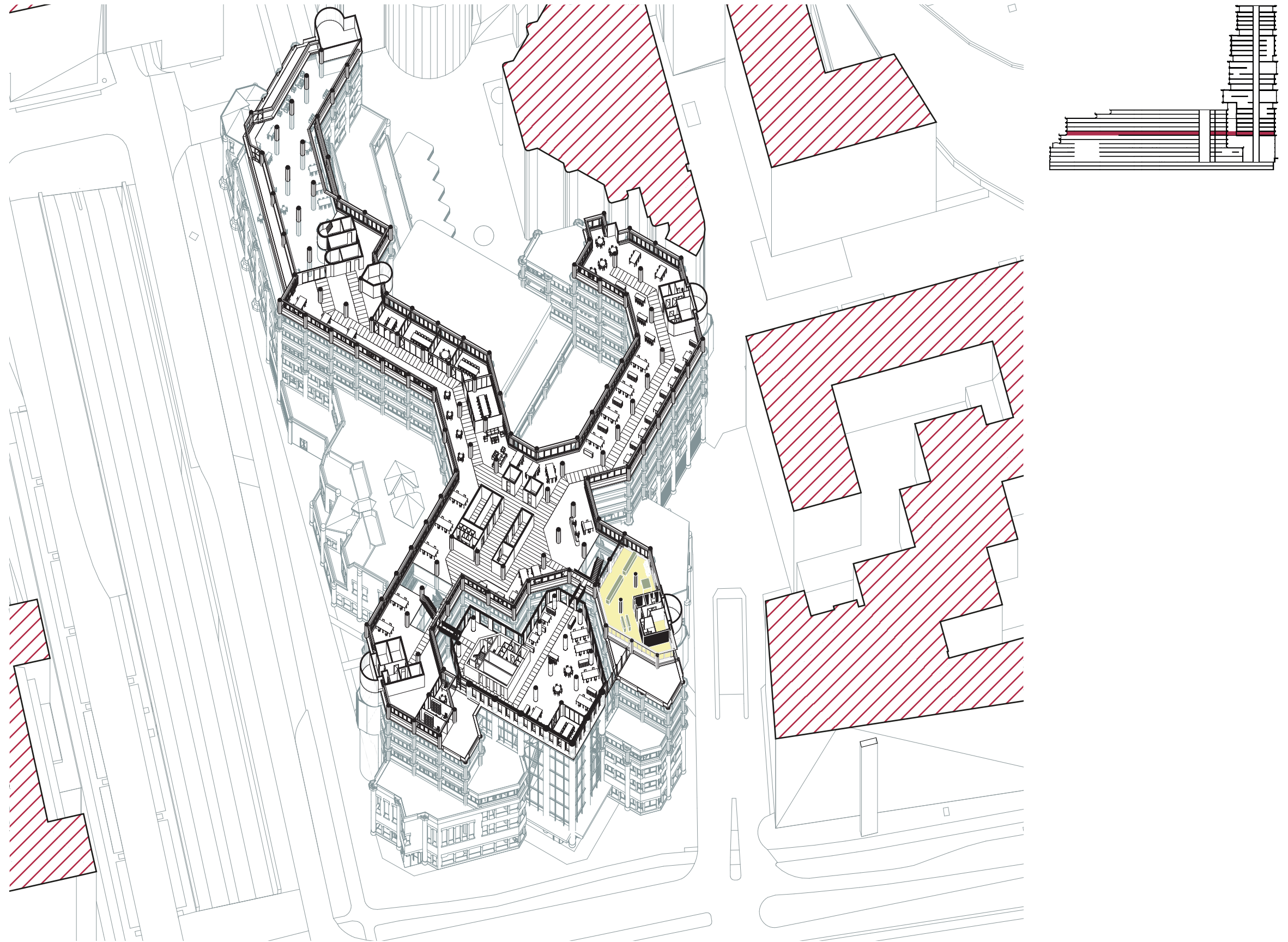
Kiosk | Programme



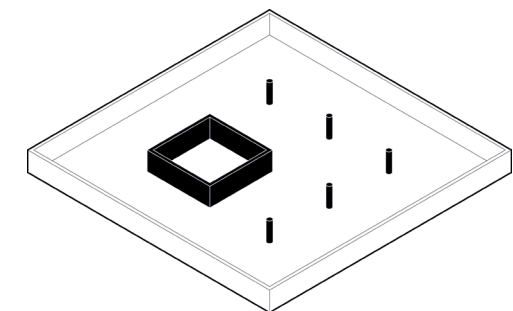
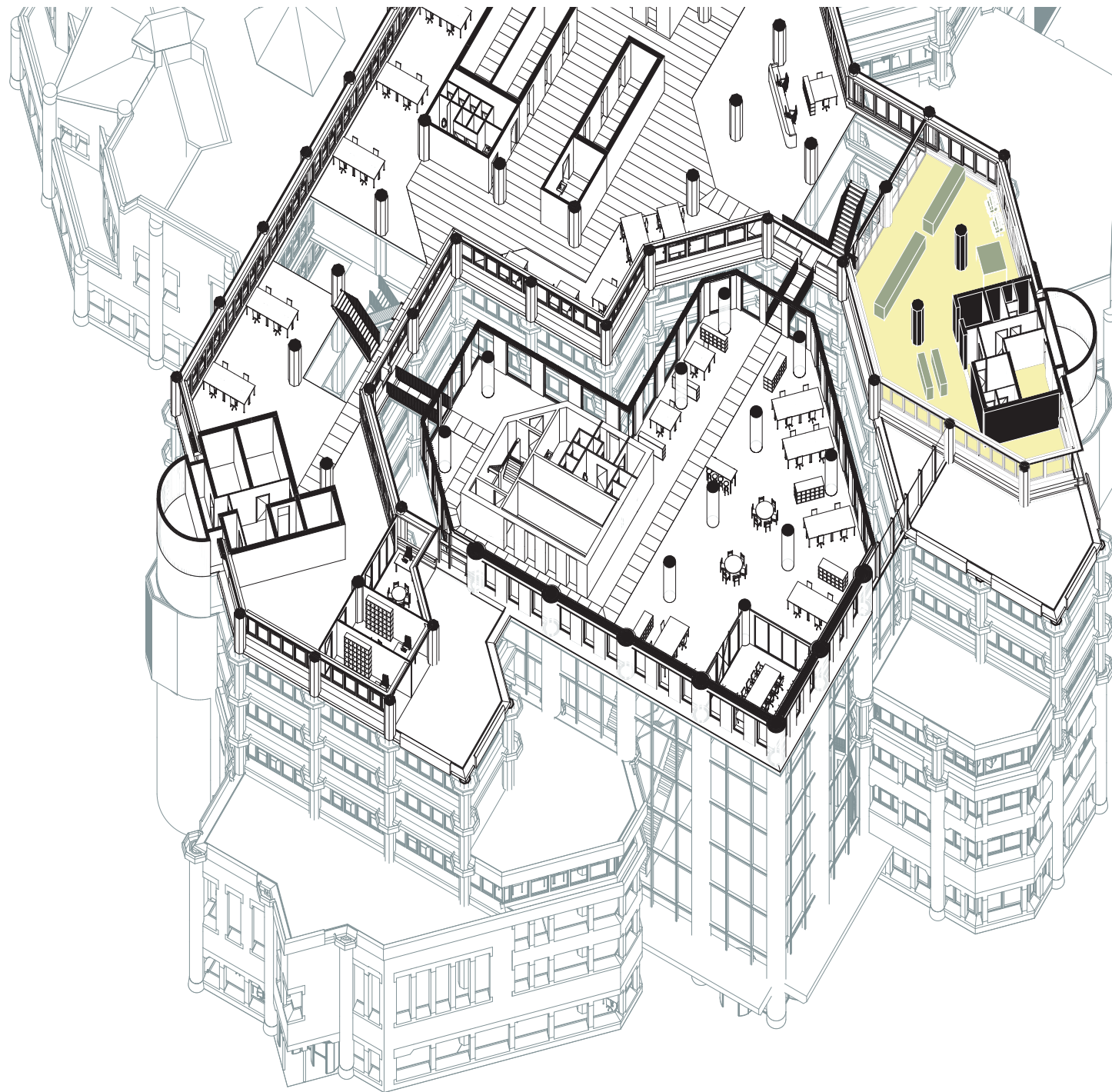
Furniture | Furniture



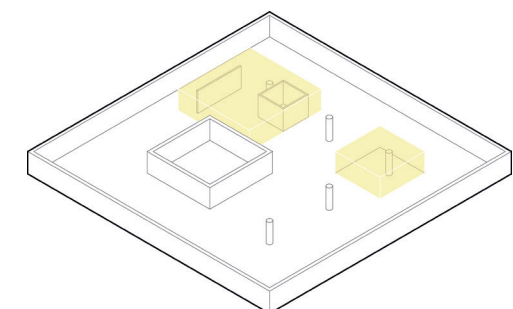
## 6<sup>TH</sup> FLOOR



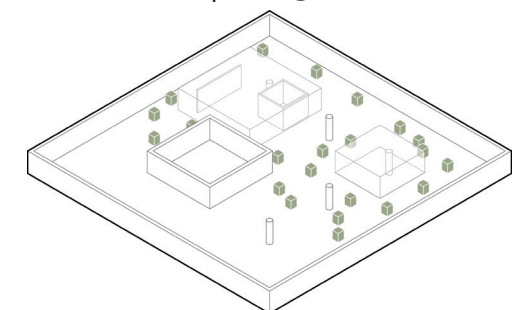
## 6<sup>TH</sup> FLOOR



Surroundings | Structure



Kiosk | Programme



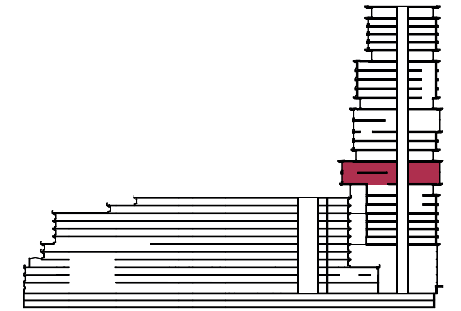
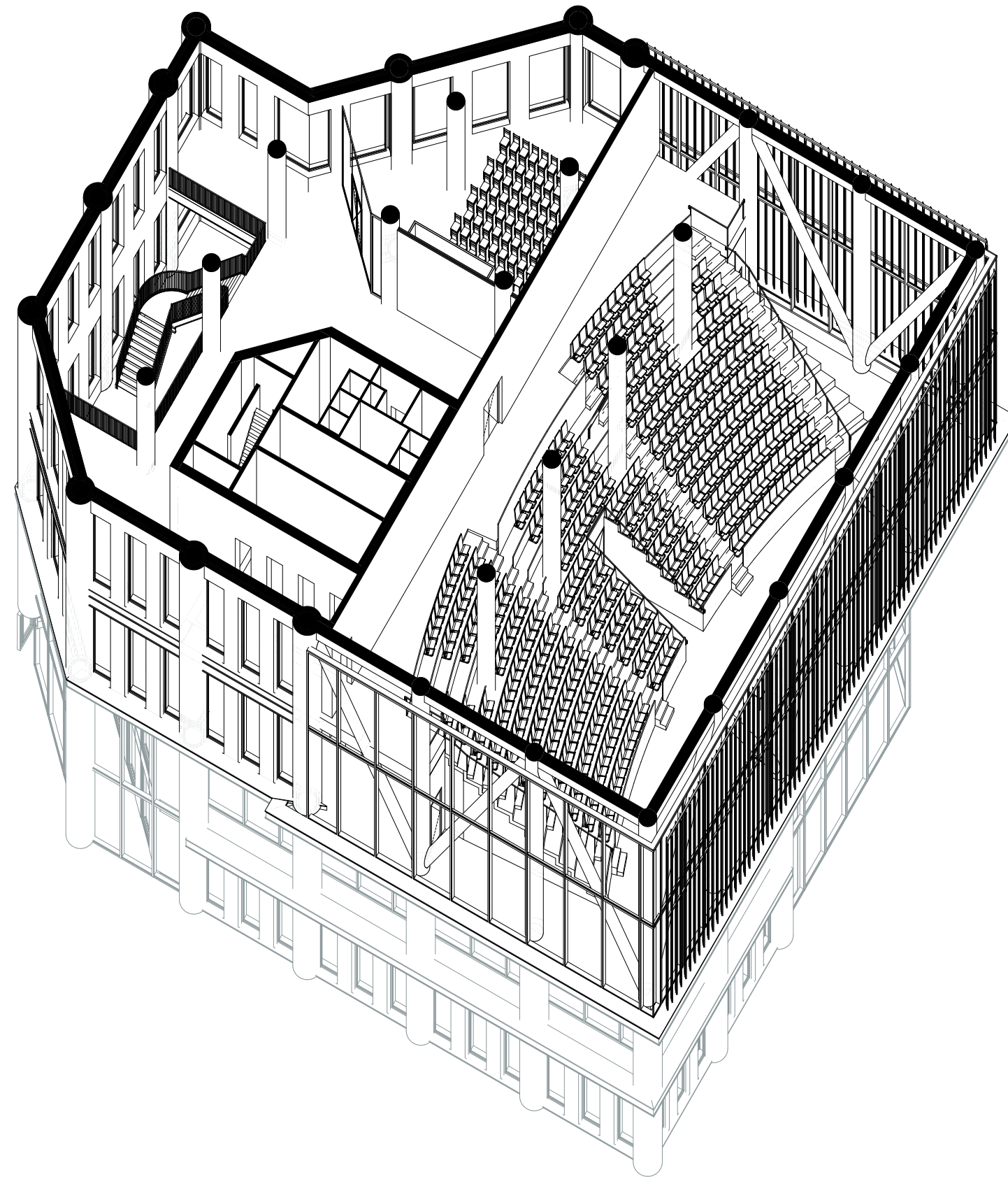
Furniture | Furniture



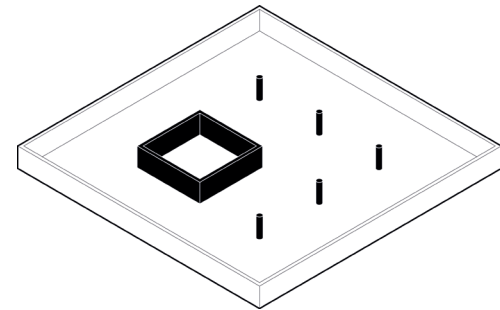
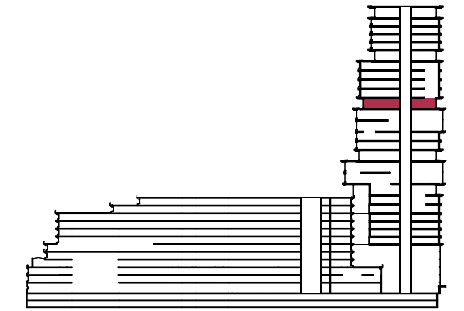




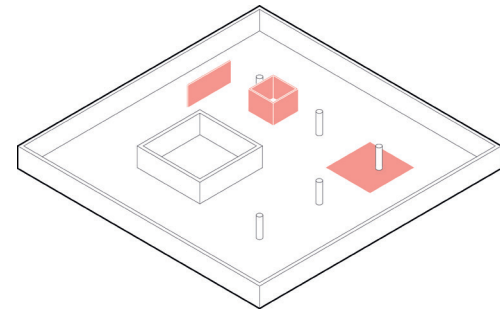
# 13 & 14<sup>TH</sup> FLOOR



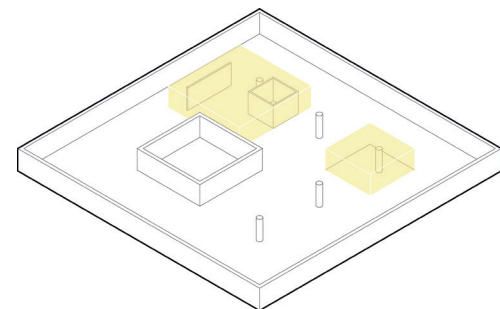
## 20<sup>TH</sup> FLOOR



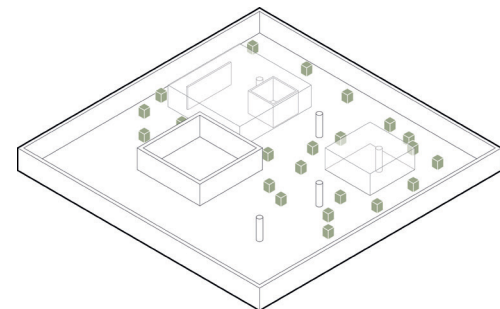
Surroundings | Structure



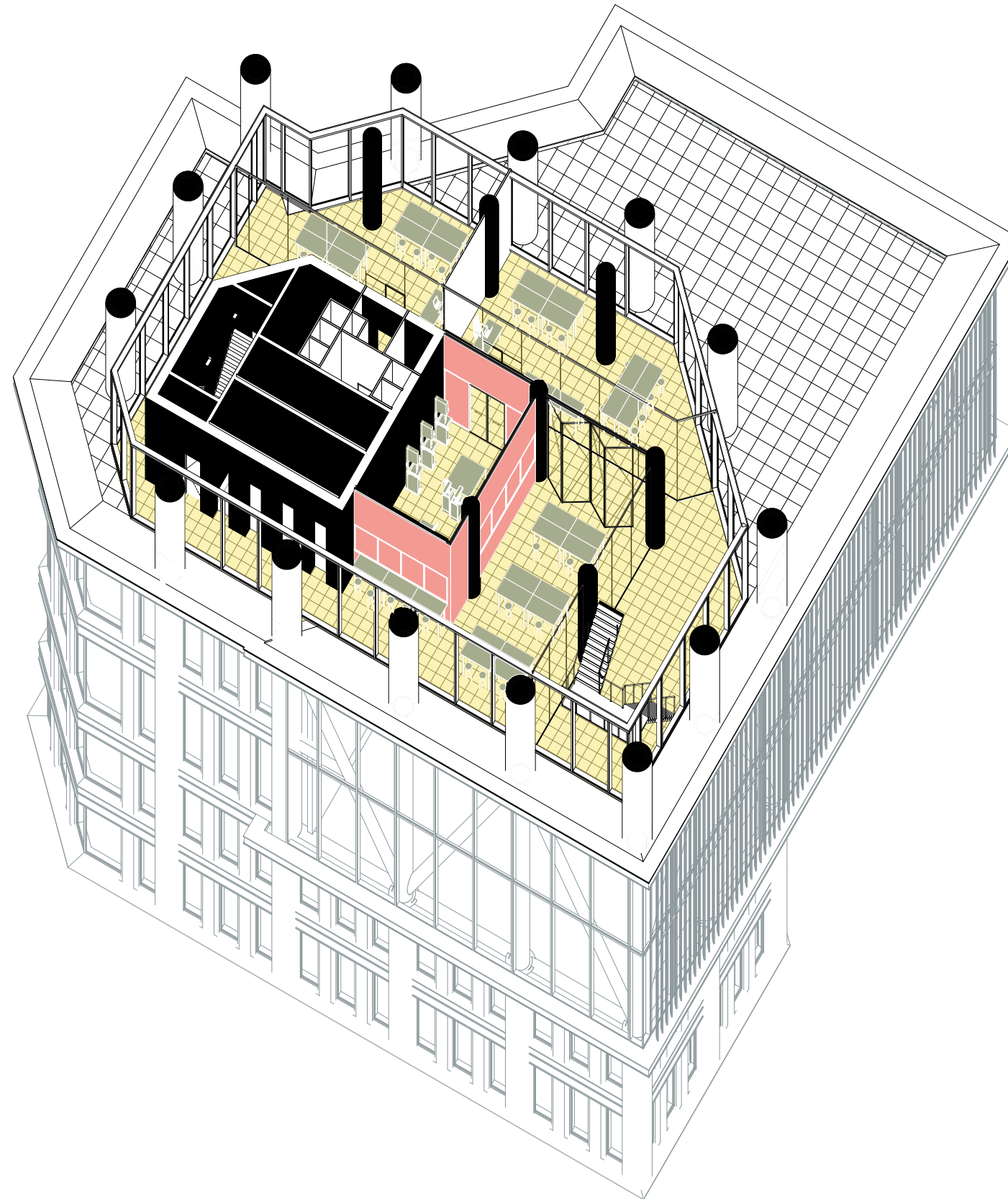
Building spot | Secondary structure



Kiosk | Programme



Furniture | Furniture

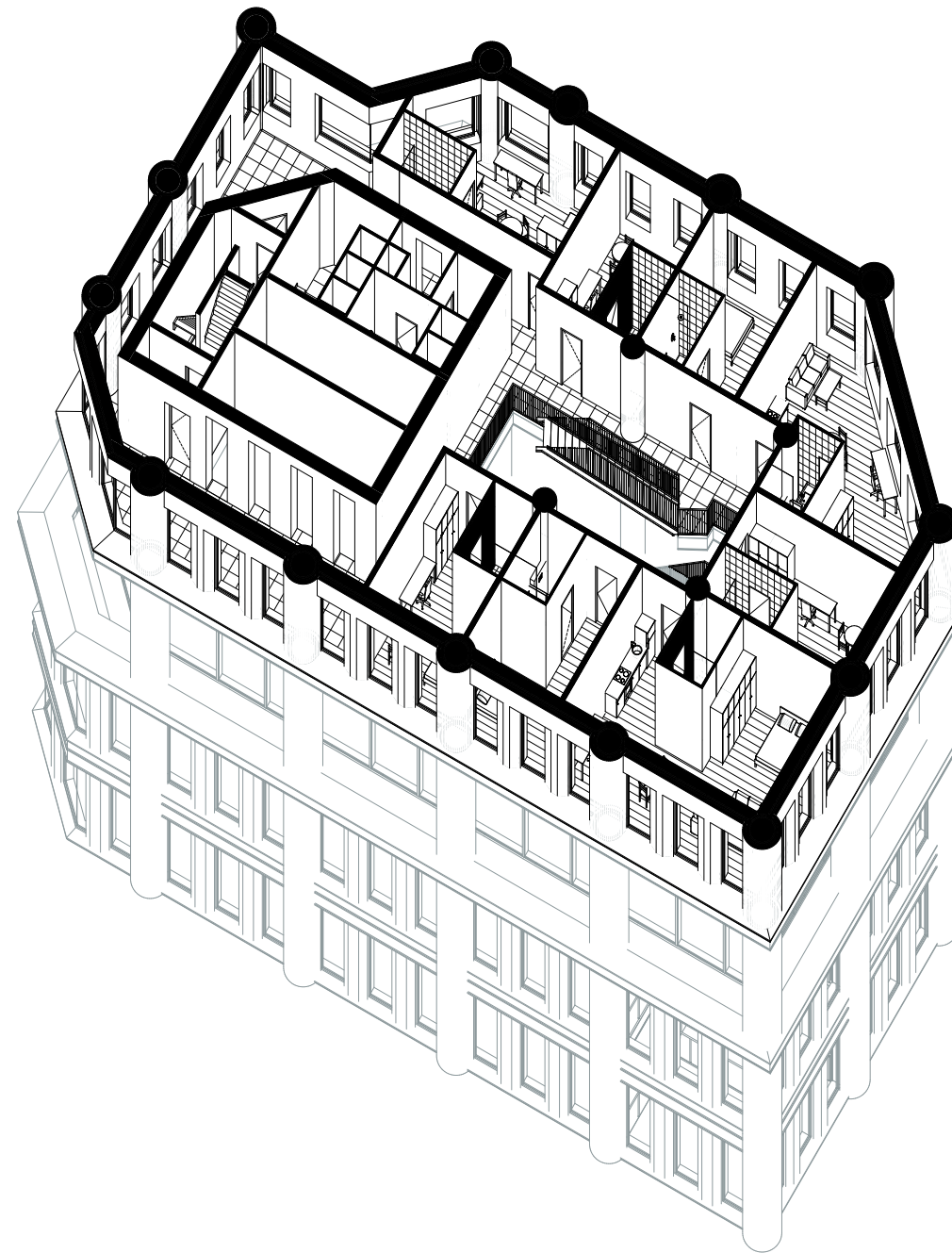




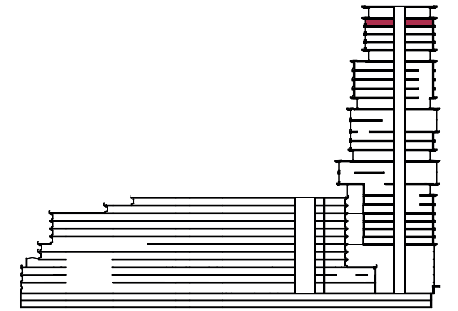
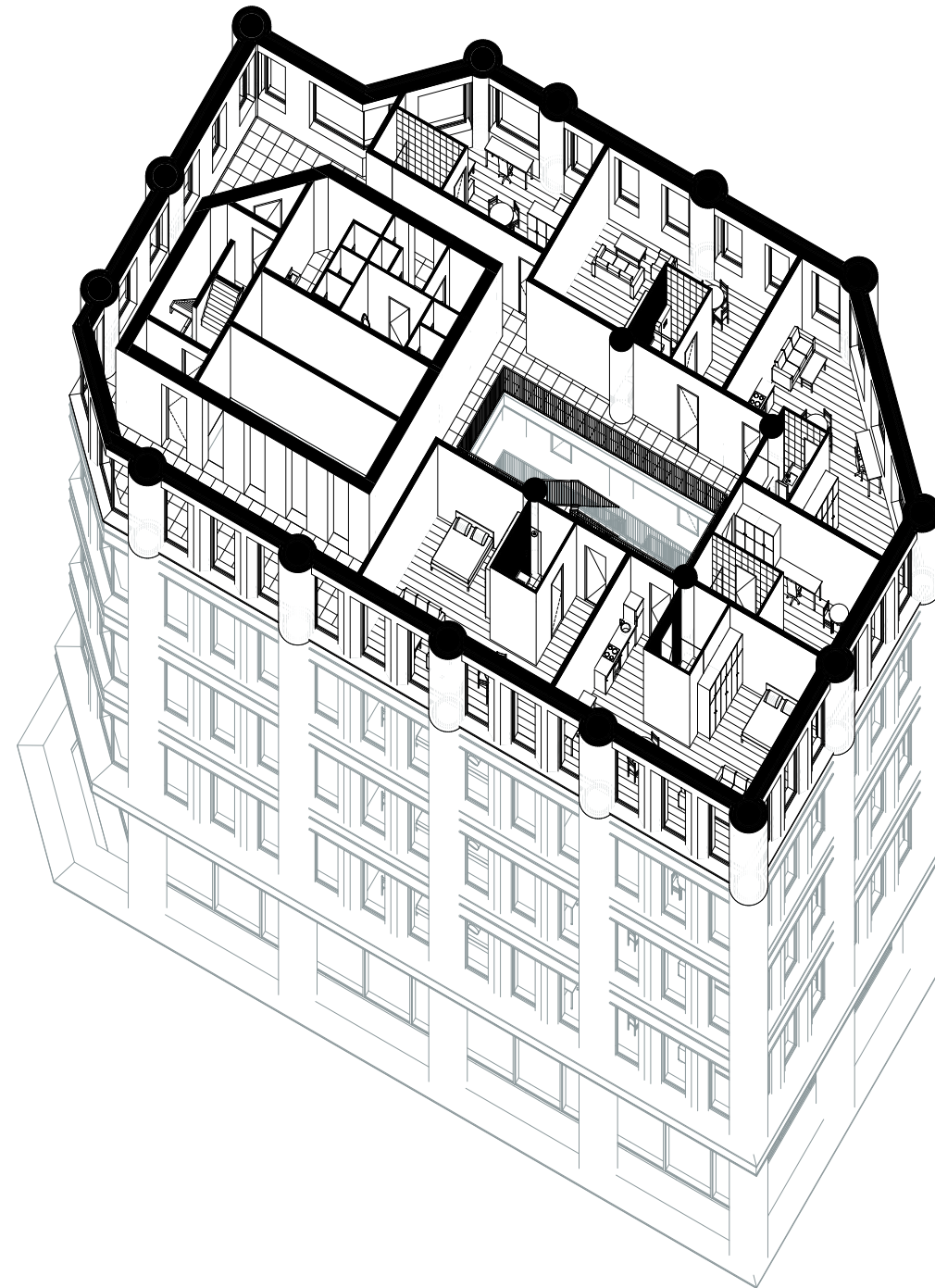




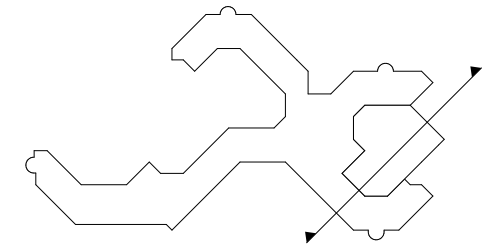
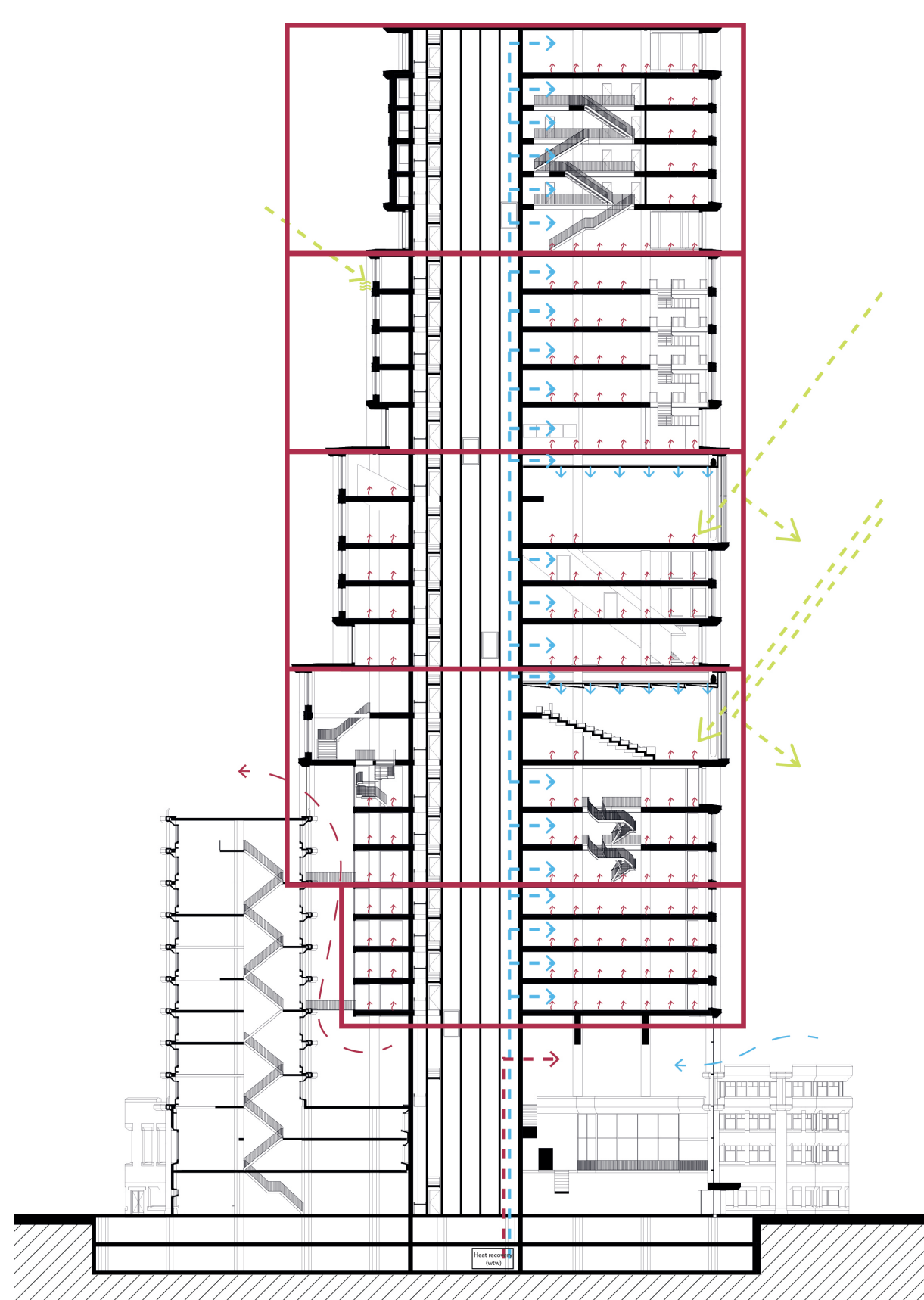
## 26<sup>TH</sup> FLOOR



## 29<sup>TH</sup> FLOOR

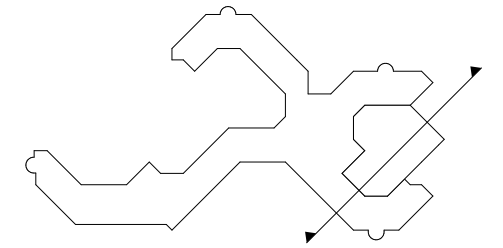
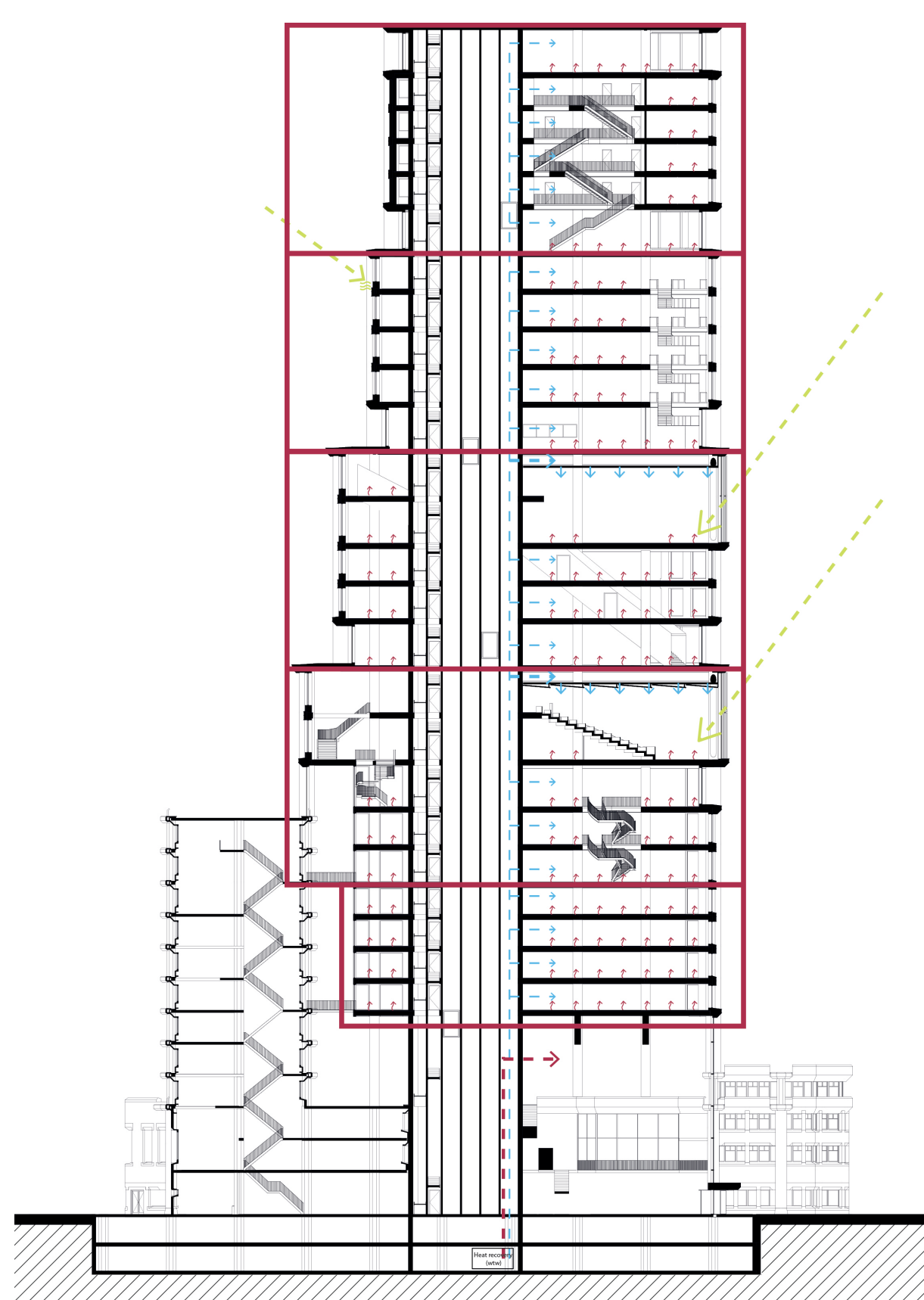


# CLIMATE CONCEPT

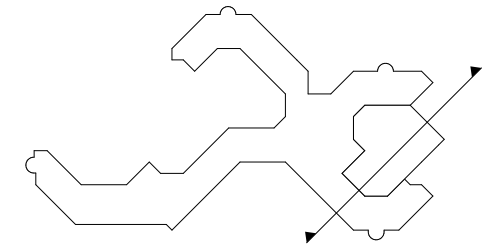
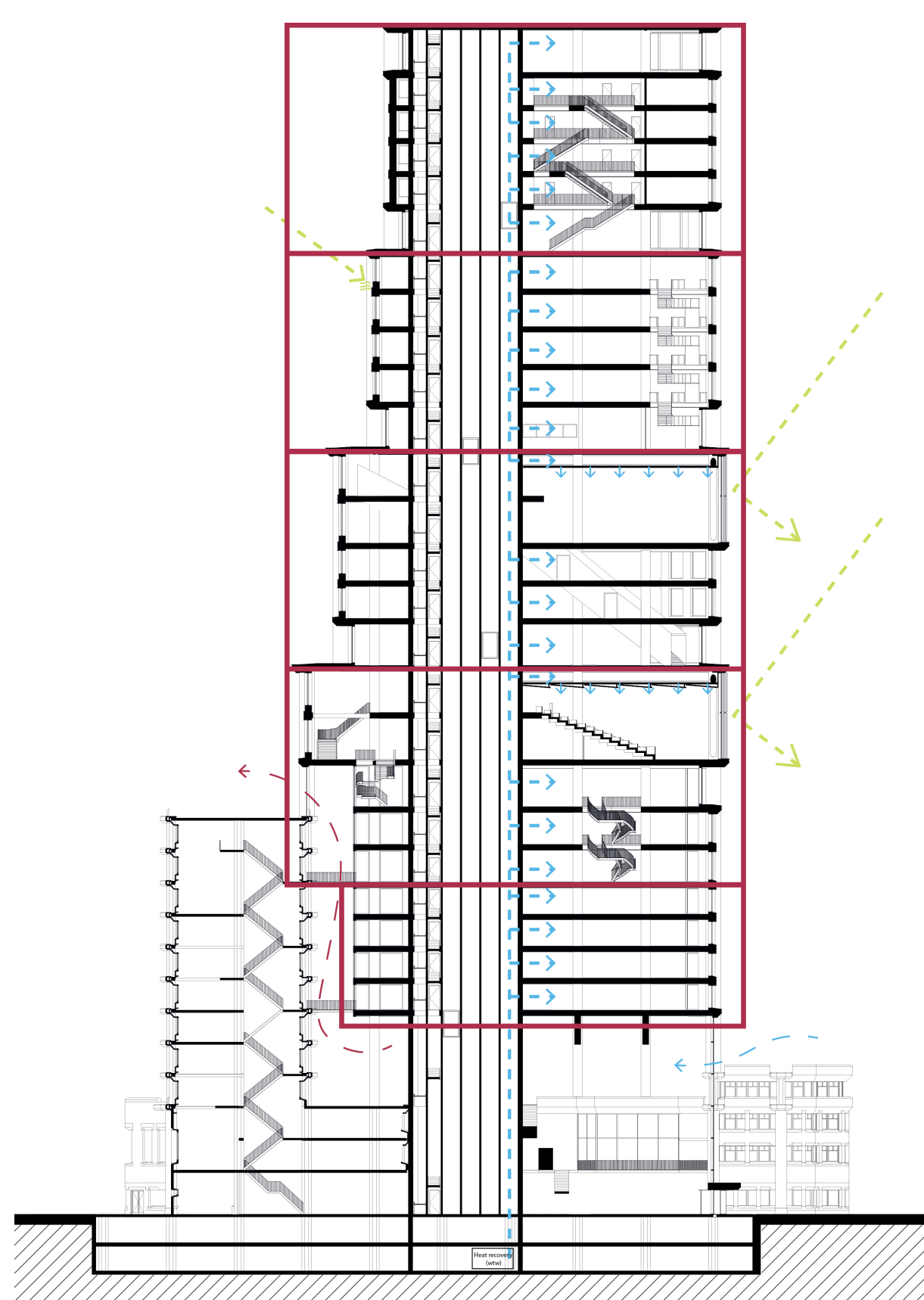




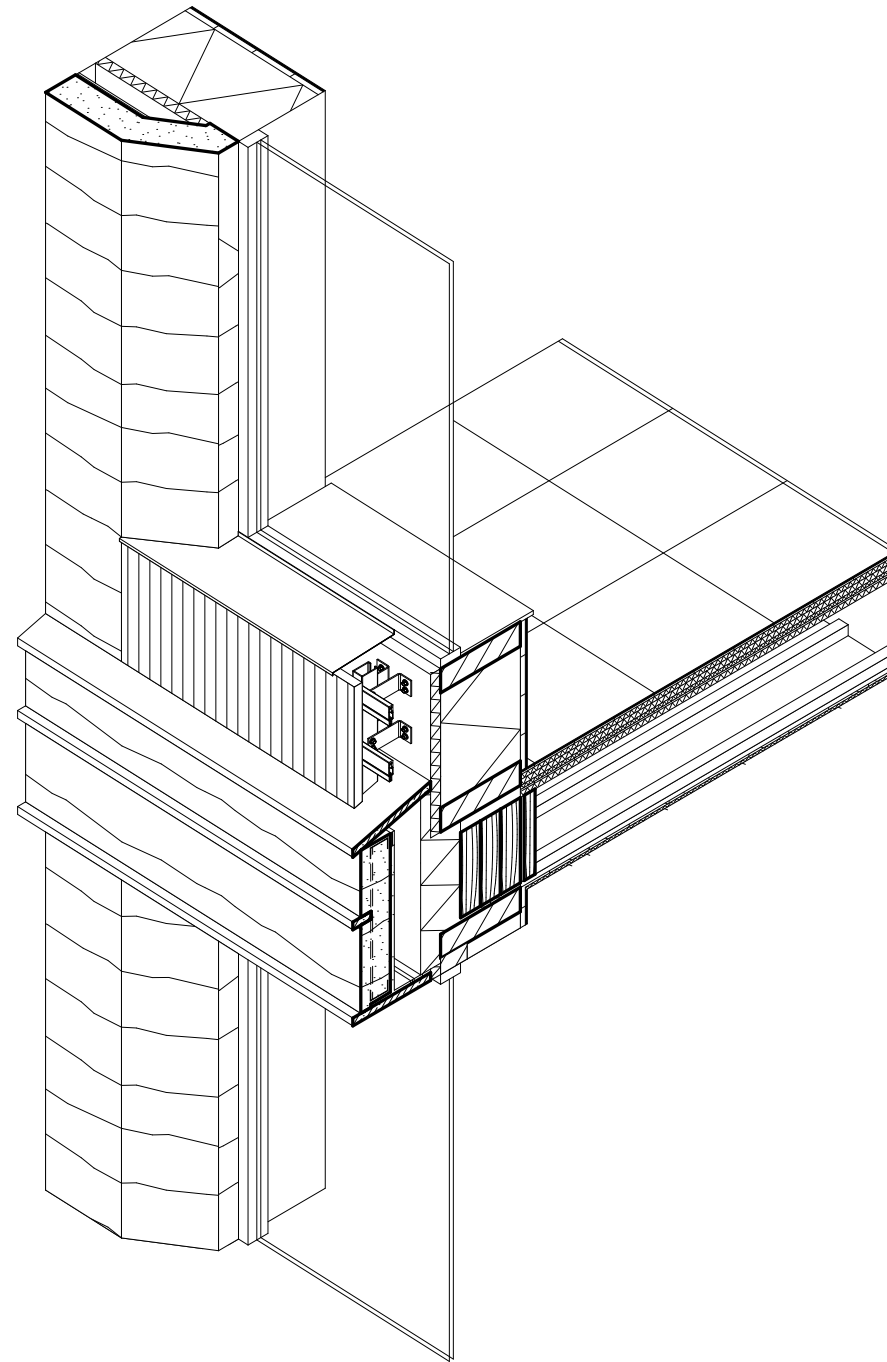
# CLIMATE CONCEPT IN WINTER



# CLIMATE CONCEPT IN SUMMER

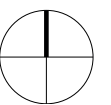
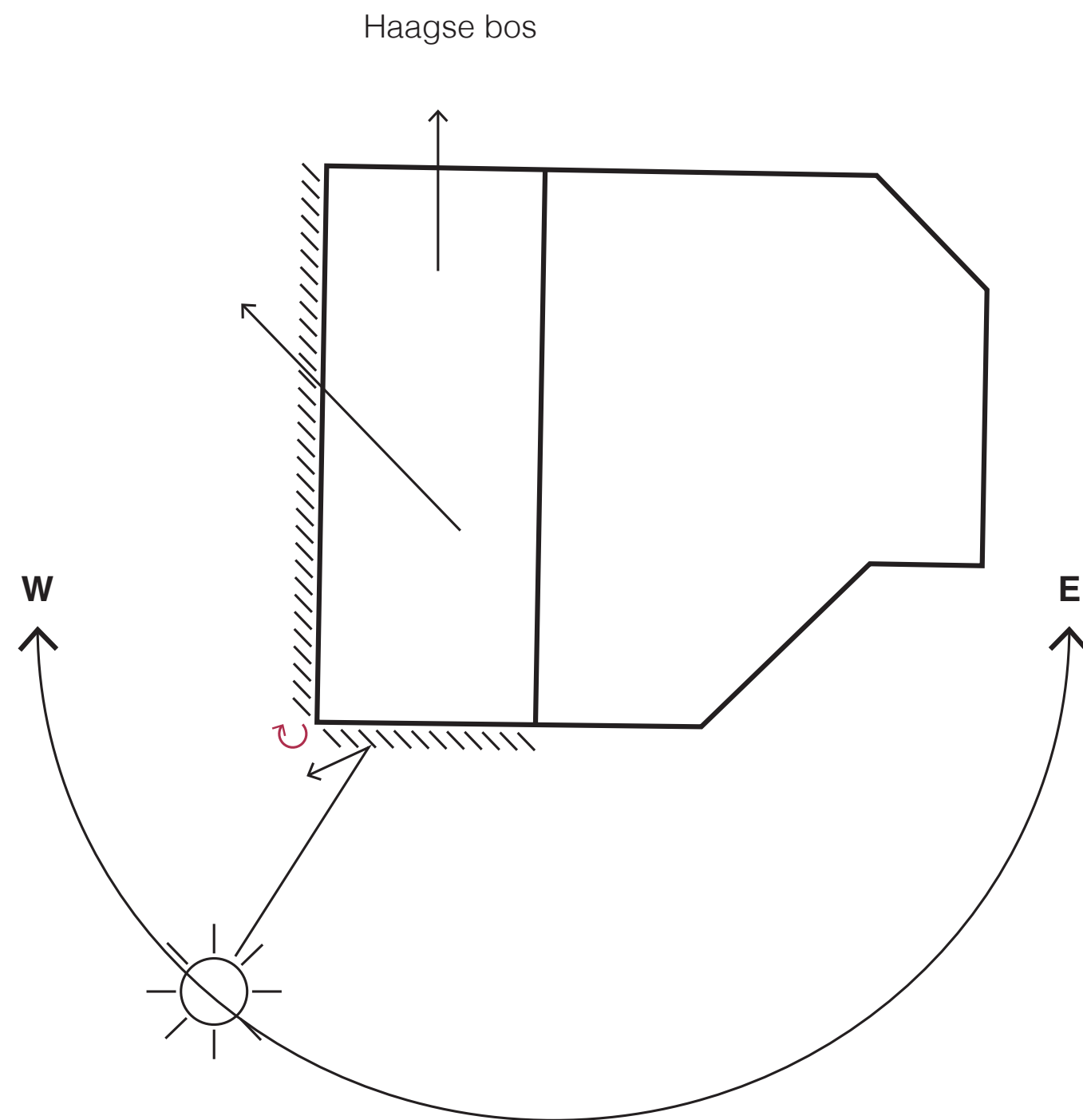


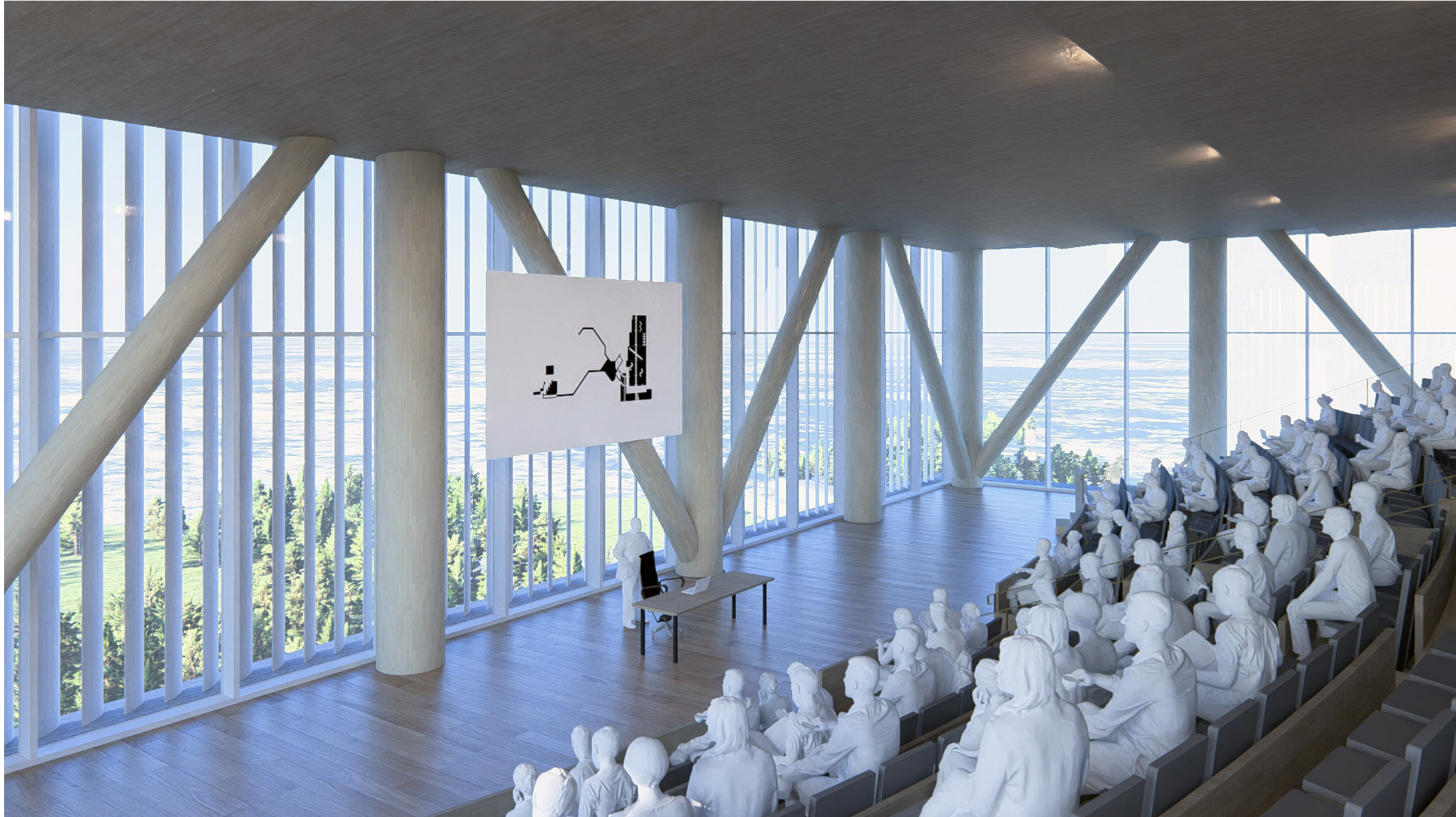
## SOLAR PANELS INTEGRATED IN FACADE



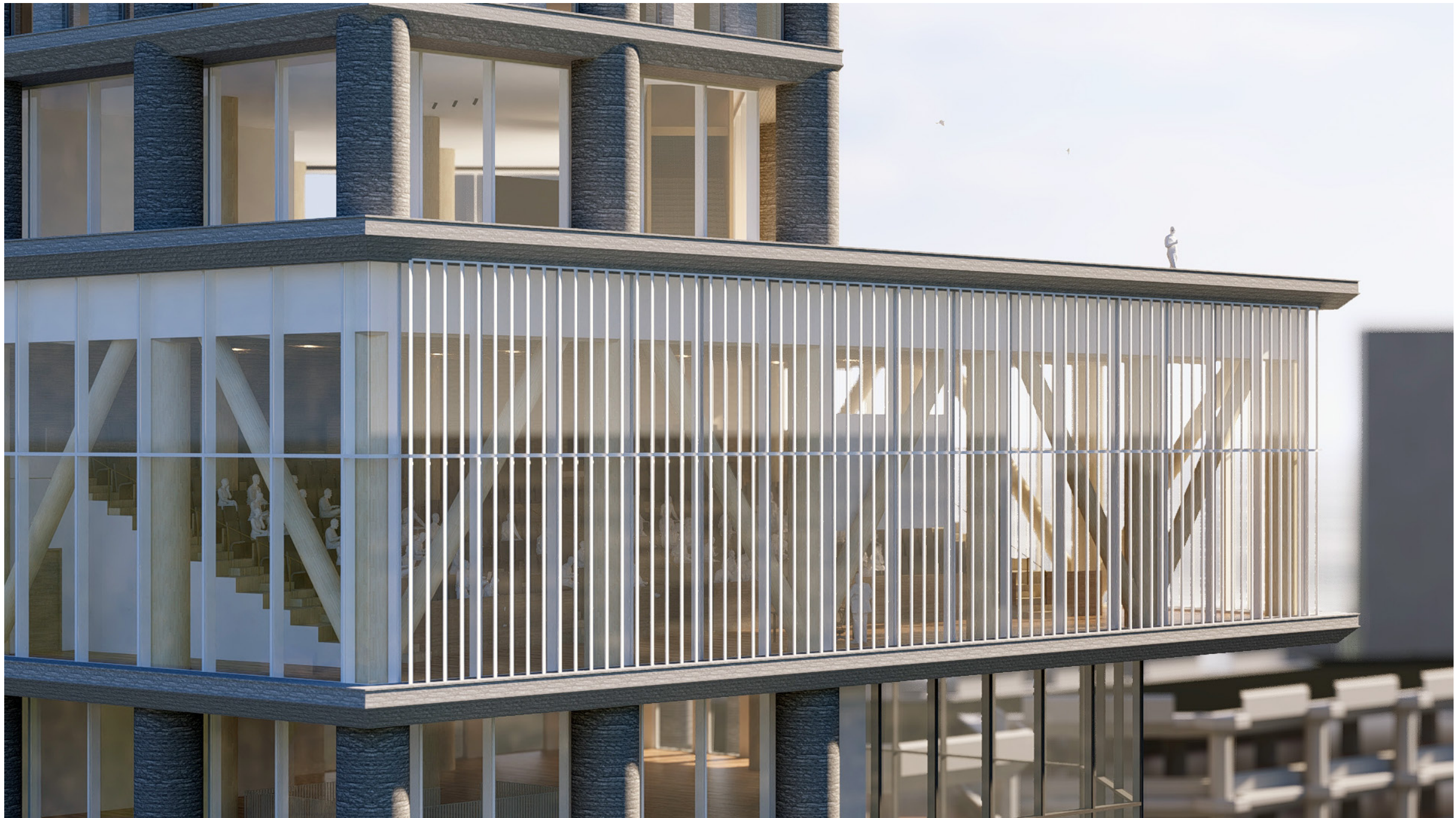


# SUN SHADING LECTURE & SPORT HALL









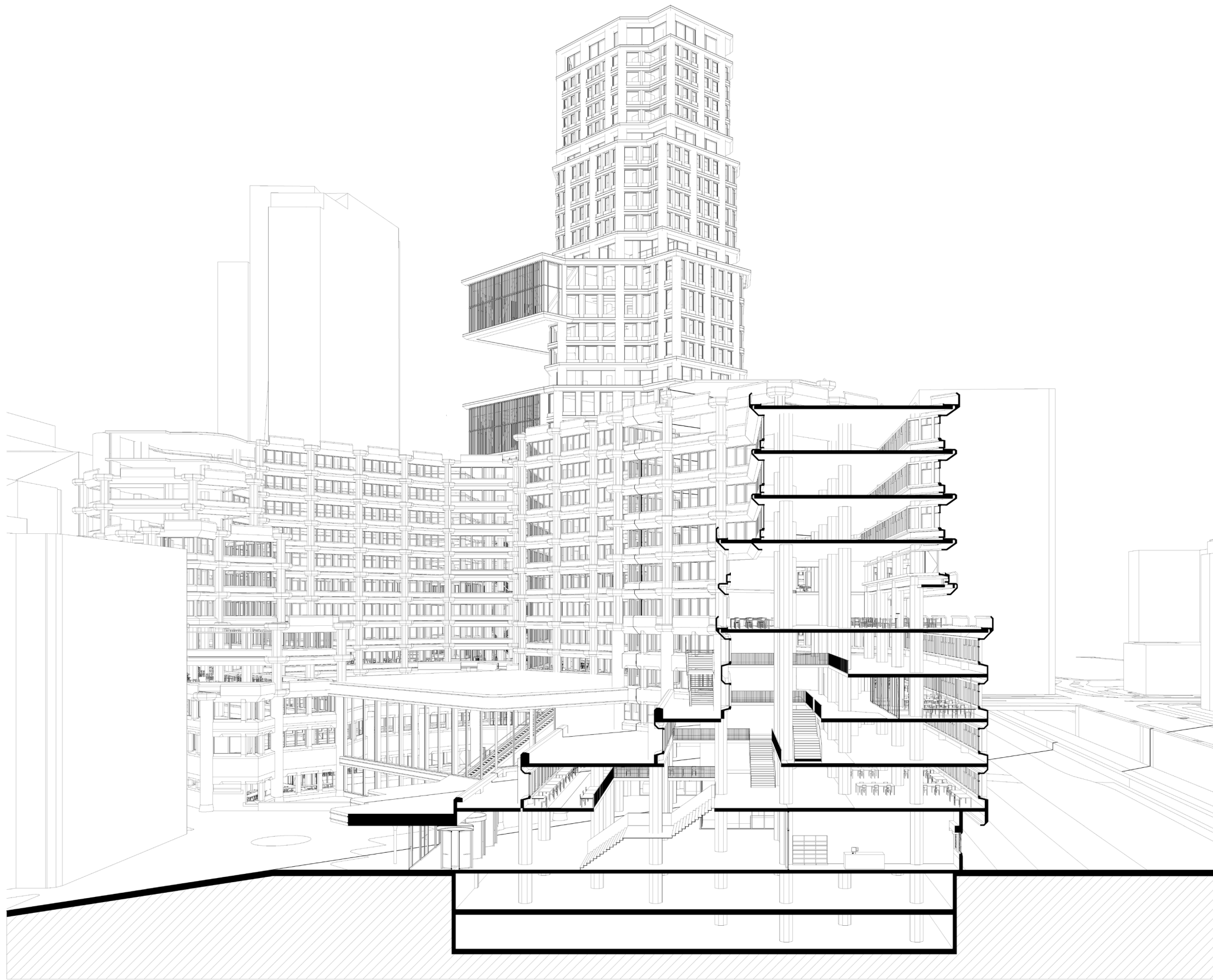


## CONCLUSION

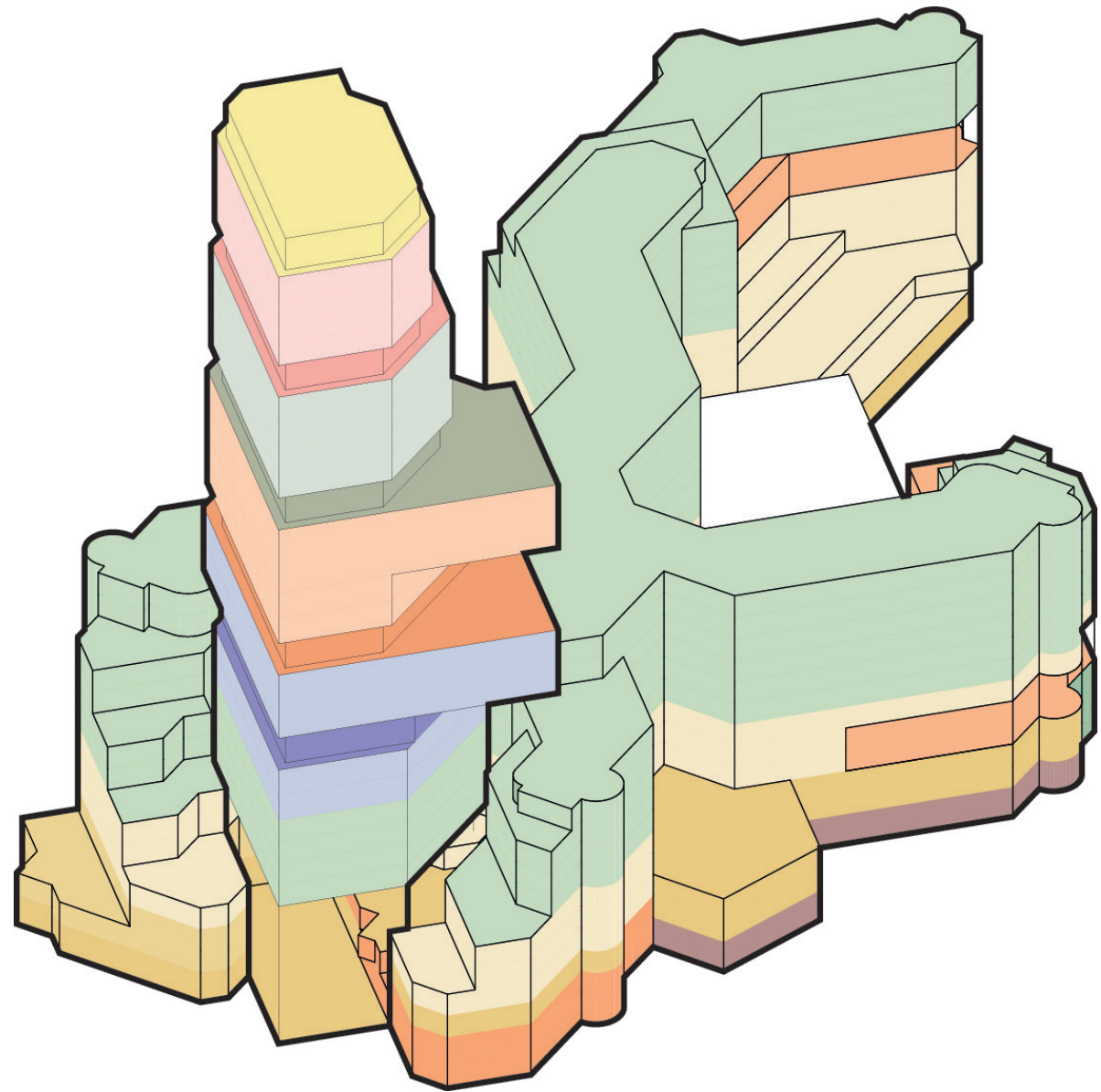
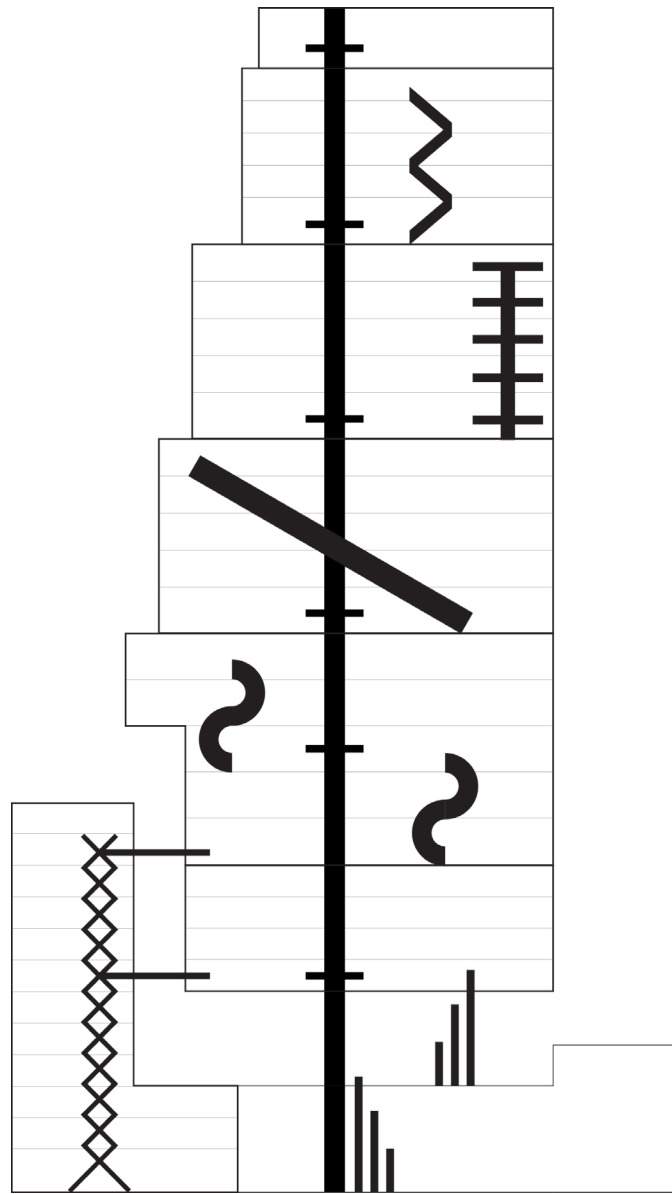
Why is **B67** a continuum of Bezuidenhoutseweg 67 and the  
**vertical campus of the future?**

HOW CAN **VERTICALITY AS A STRATEGY** TRANSFORM  
OBSOLETE OFFICE BUILDINGS?





HOW CAN TRADITIONAL UNIVERSITIES TRANSITION TO  
**VERTICAL HYBRID ORGANIZATIONS**, UTILIZING **VERTICAL**  
**CIRCULATION** TO ENHANCE THE PUBLIC REALM AND  
PROMOTE **VERTICAL MOVEMENT** AMONG USERS?





HOW CAN **LOCAL CHARACTERISTICS** BE IMPLEMENTED IN  
**VERTICALLY ORGANISED** BUILDINGS OF A BIG SCALE?





## B67 | A CONTINUUM OF BEZUIDENHOUTSEWEG 67

