

Anemochory

(n) the dispersal of plant seeds or spores by the wind





Resilience in cities
Shelter
Most adaptable species
survive

Brussels

Schaerbeek





Gare Schaerbeek- Josaphat

1977

Gare Schaerbeek- Josaphat

2012





Gare Schaerbeek- Josaphat

2023

Biodiversity

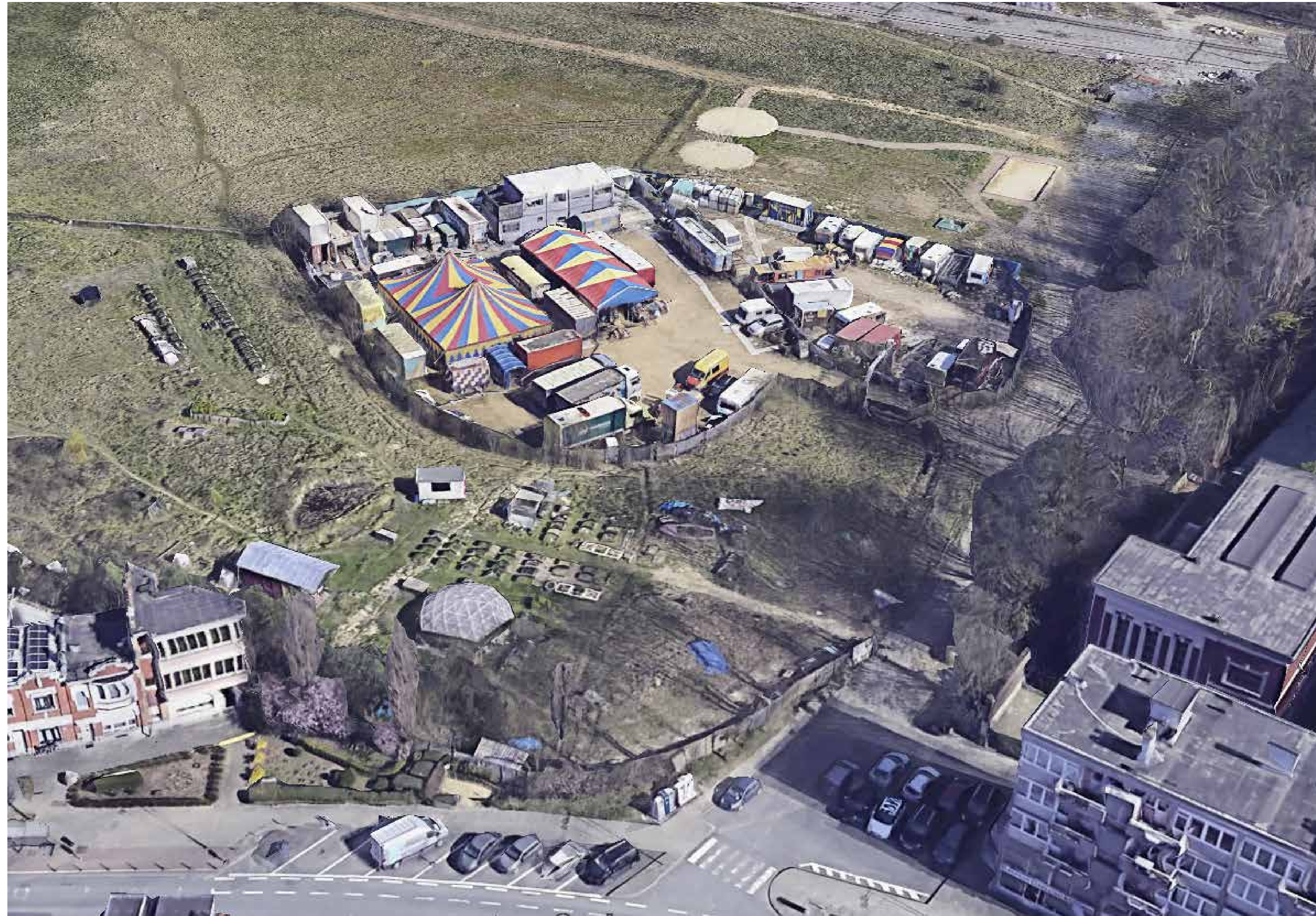
Bernard Pasau



Nouveaux Disparus



Nouveaux Disparus





Documentary





How can Architecture
strengthen this
relationship?

Plan d'Amenagement Urbain

1200 housing units
Virtually all open space
lost

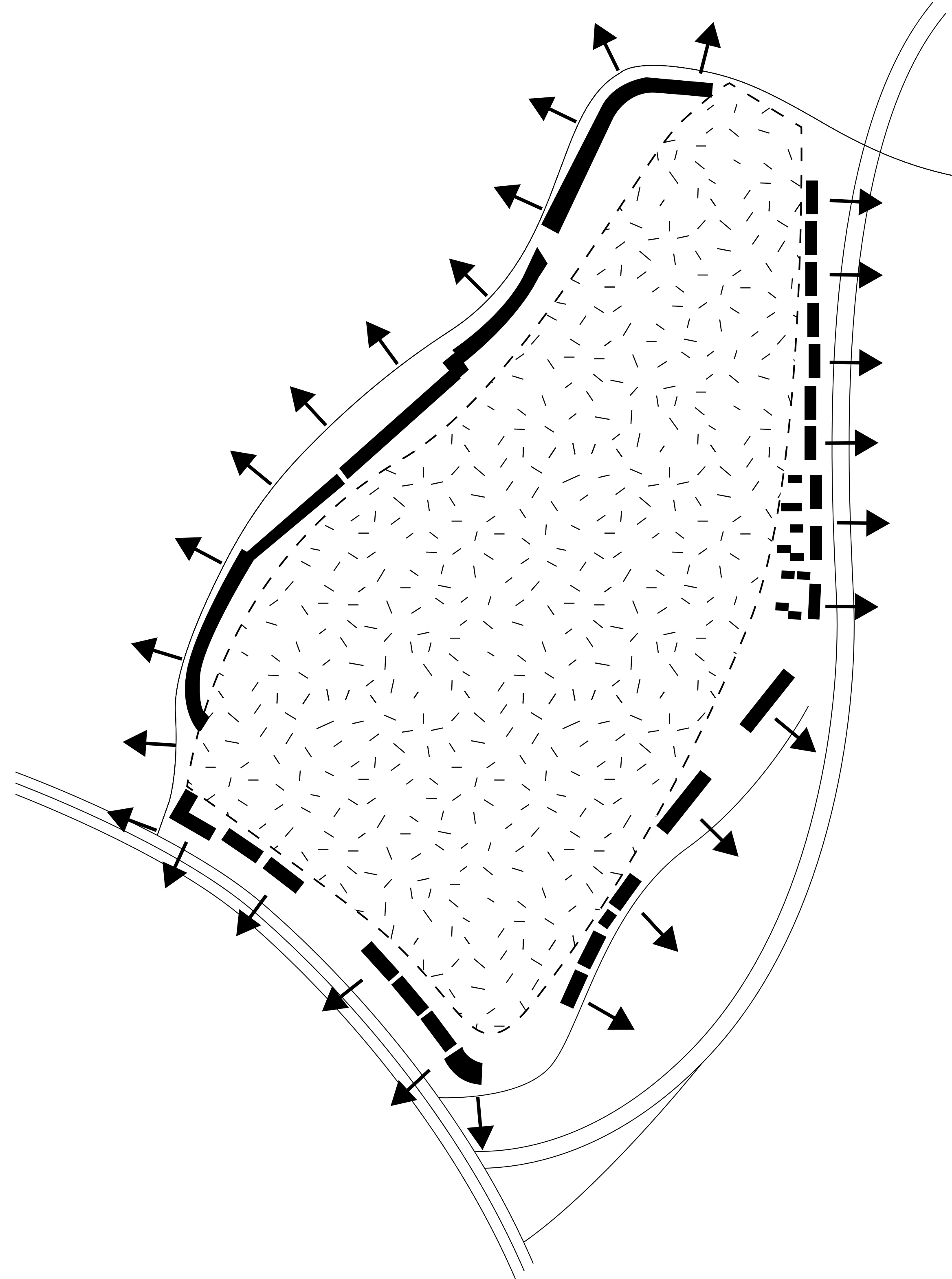


Preserving the Friche

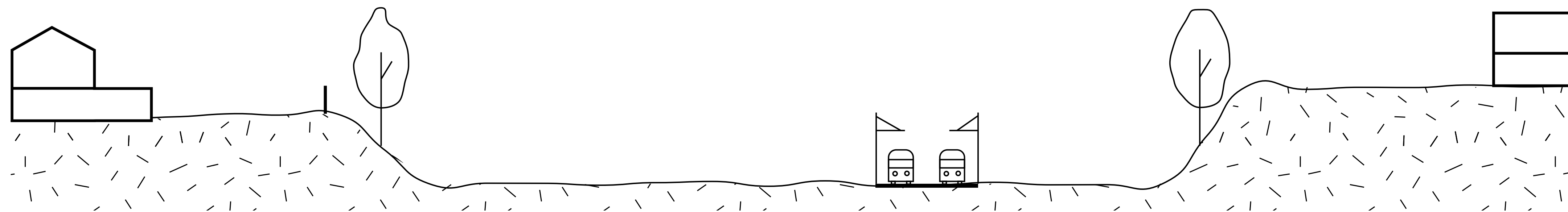
Open landscape



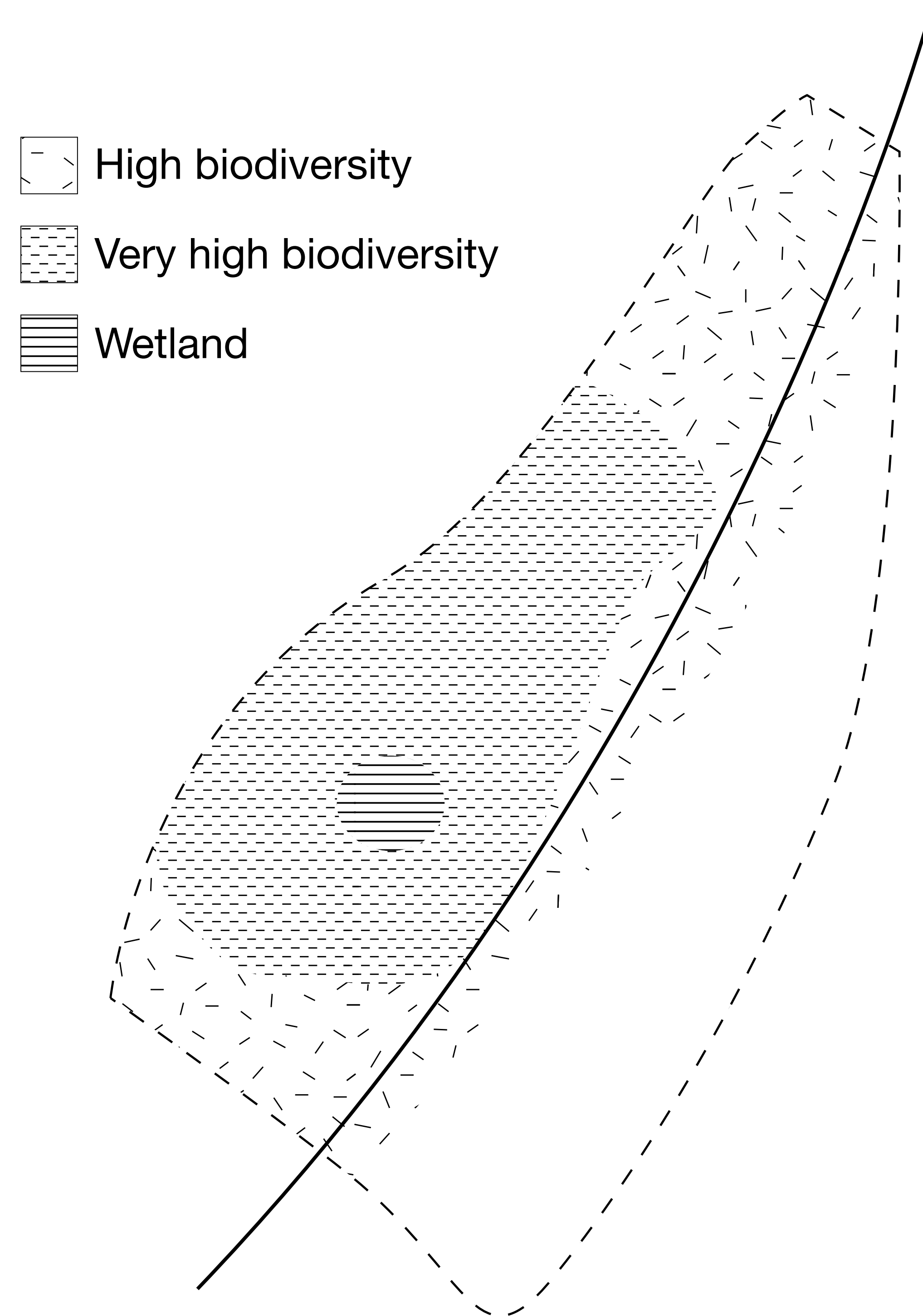
Hidden site



Sunken site



Biodiversity distribution





Urban Plan

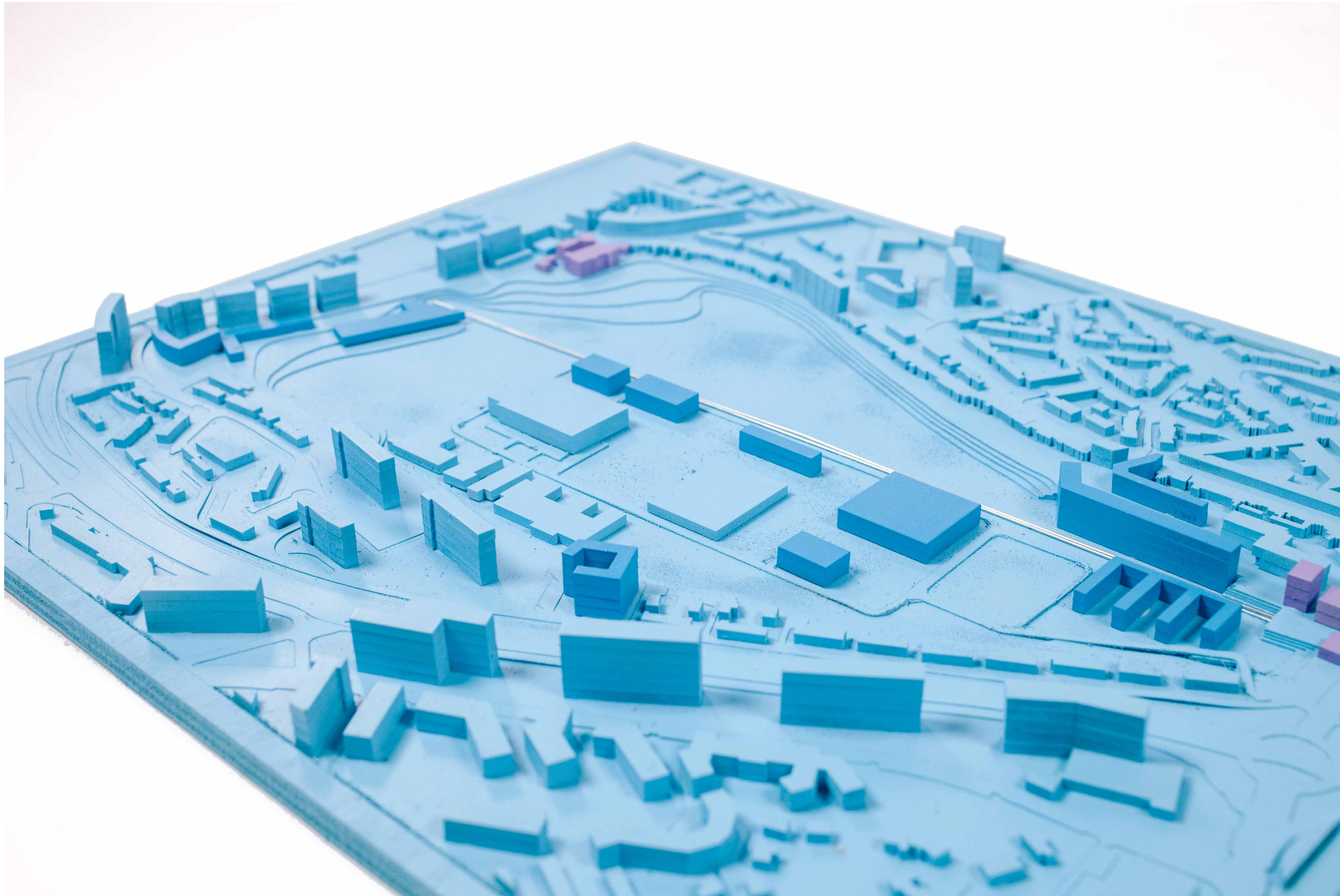
900 housing units

Densified plan

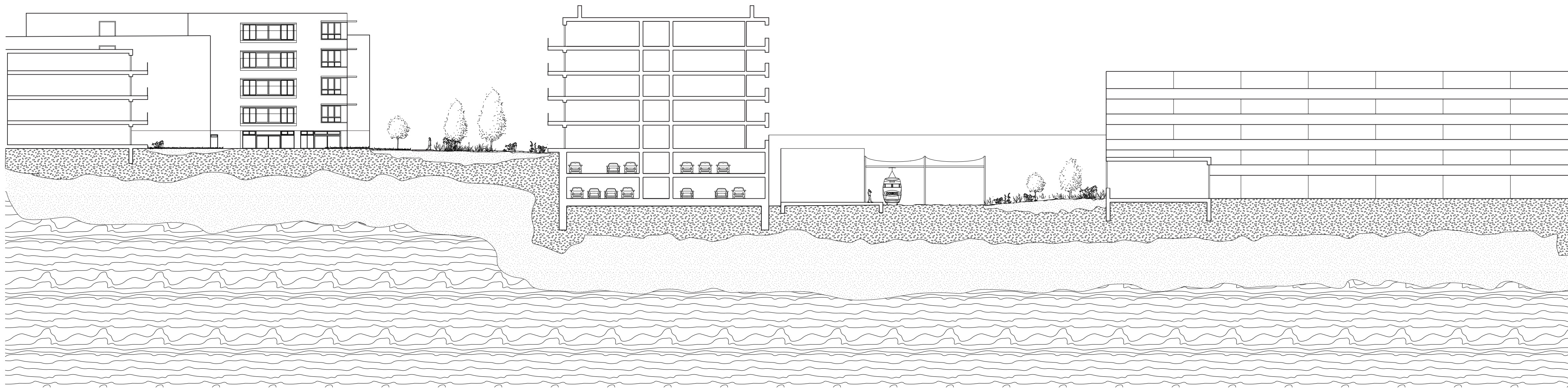
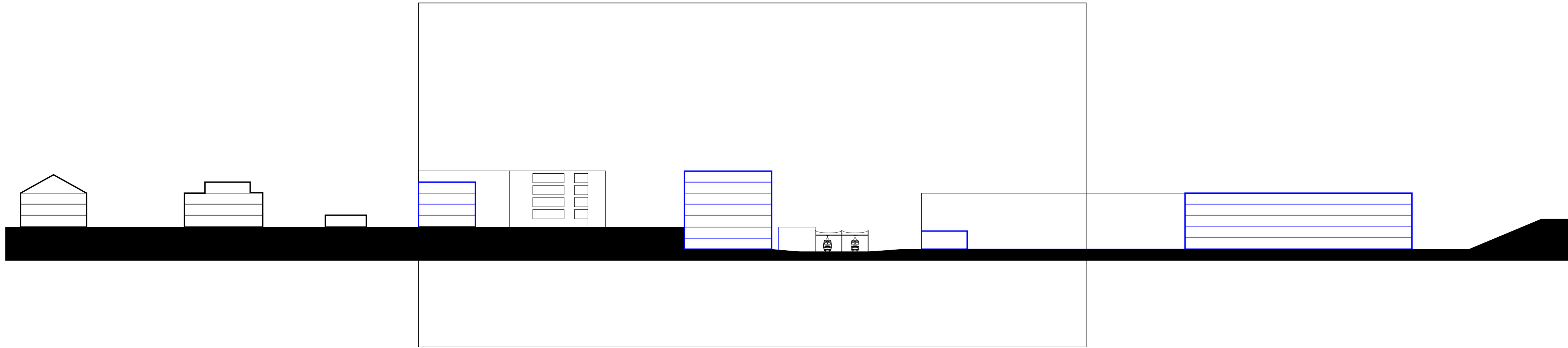
Western half preserved

Industrial programming
developped

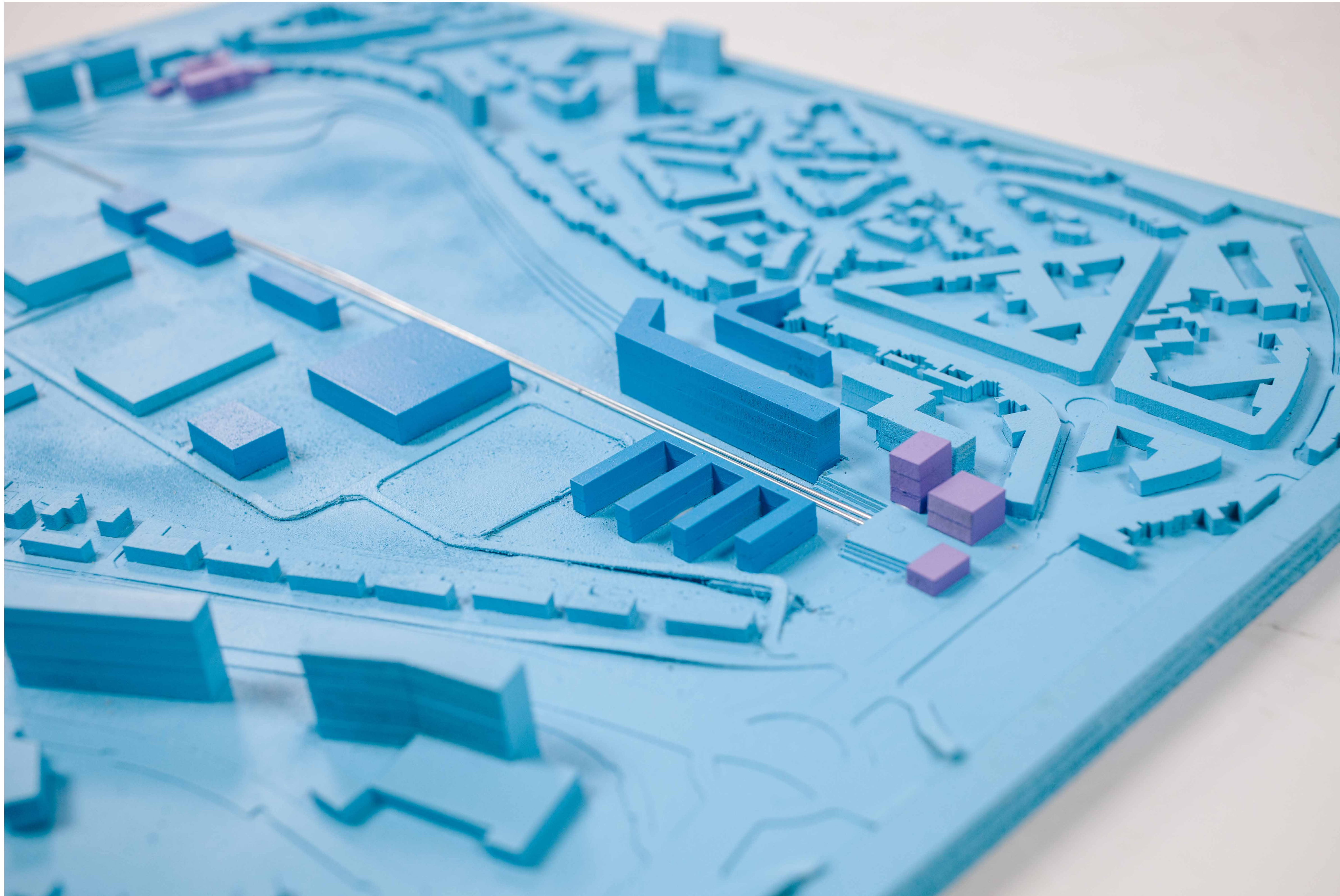
Urban Plan



Elevated basements



Densified blocks



Introverted housing

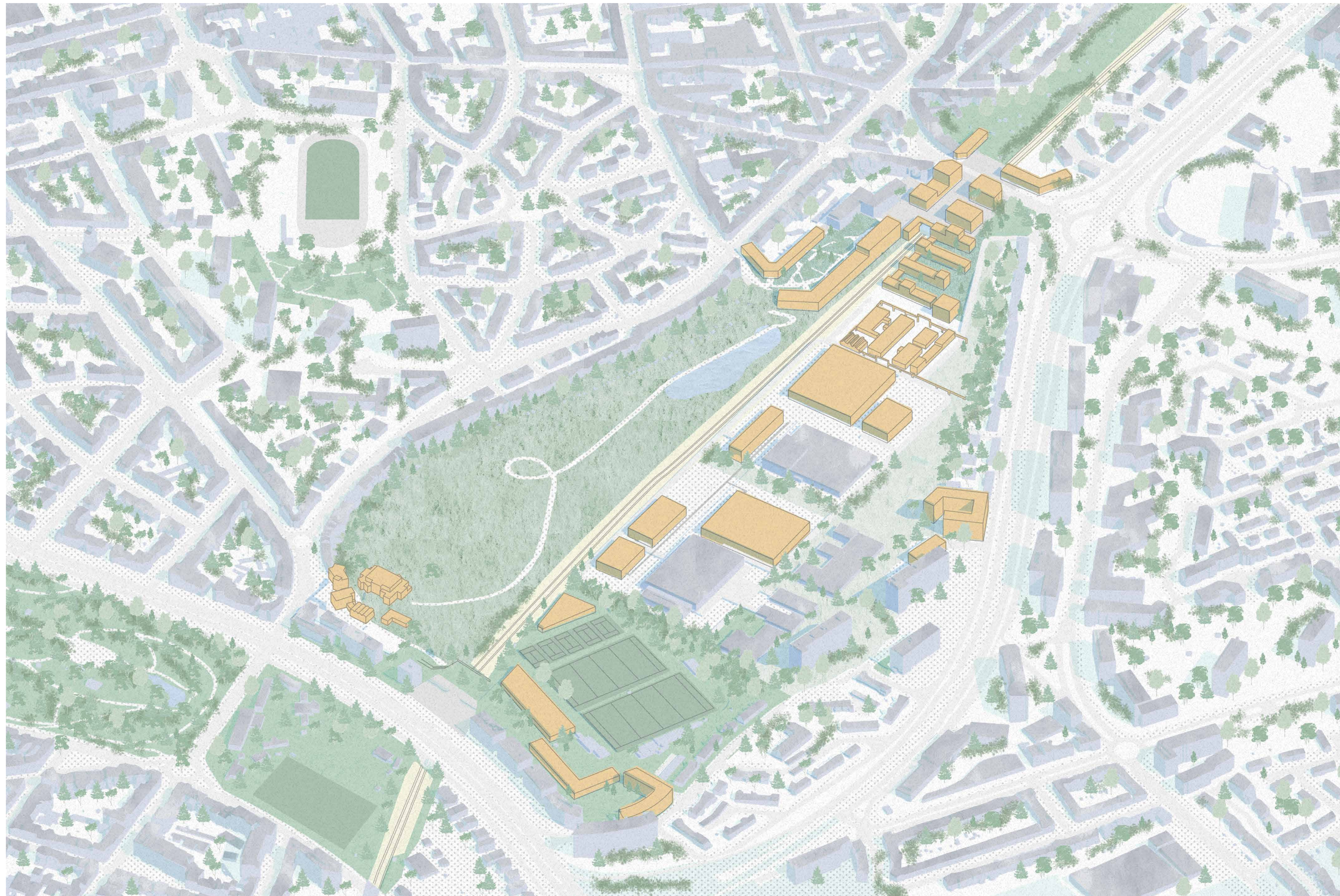


Protected Friche



Protected Friche





Urban Plan

Controlled entry points



Les Nouveaux Disparus

Traveling Theatre -
Flexible location

Strong connection to the
city

Facilitator of cultural
events

Not in need of permanent
infrastructure

Poor direct connection to
the street

Reimagining contemporary cultural relationships

Spectatorship

Image consumption

Revival of traveling theatre





Southern Entrance

Good neighbours to the
ND

Resolving the urban knot

Public building as a
mediator

Urban Ensemble

Sequencing of open space

Negotiates the busy street
and tranquil Friche

Multiplicity of thresholds



Preserving the existing

Recup' kitchen
Communal gardens
Good neighbours



Urban blocks

- Commercial Plinth
- Apartments



Storage building

Vehicle storage



Garden shed

Maintenance of the Friche



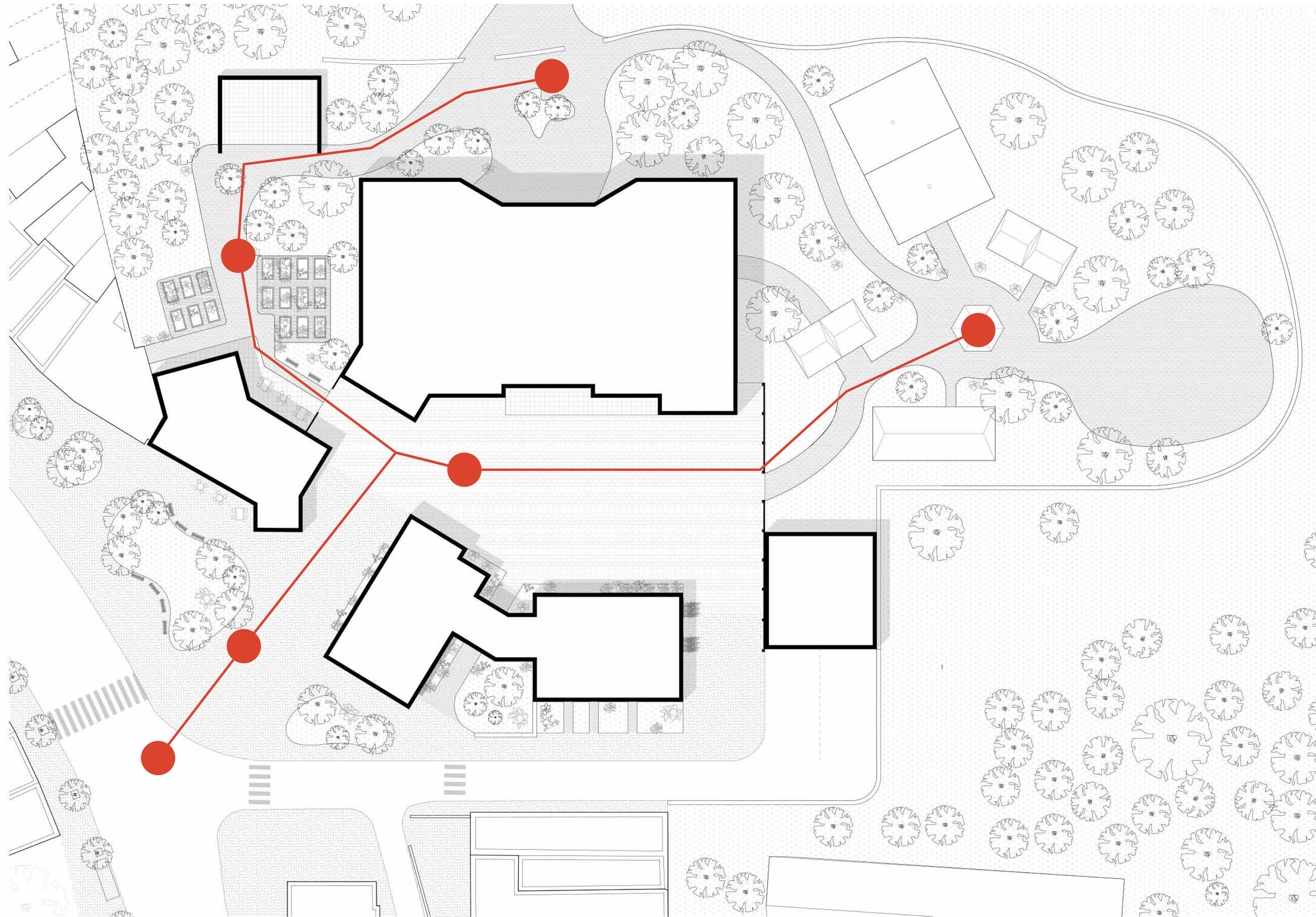
Theatre Block

Theatre school and venue
Adjacent to the traveling
theatre



Urban plan

Street > Square > Friche



Garden Wall

Soft border
Familiar threshold



Ground Floor

Mixed programme

Commercial
Restaurant



Public Square

Mediator



Formalised Entrance

Visual connection



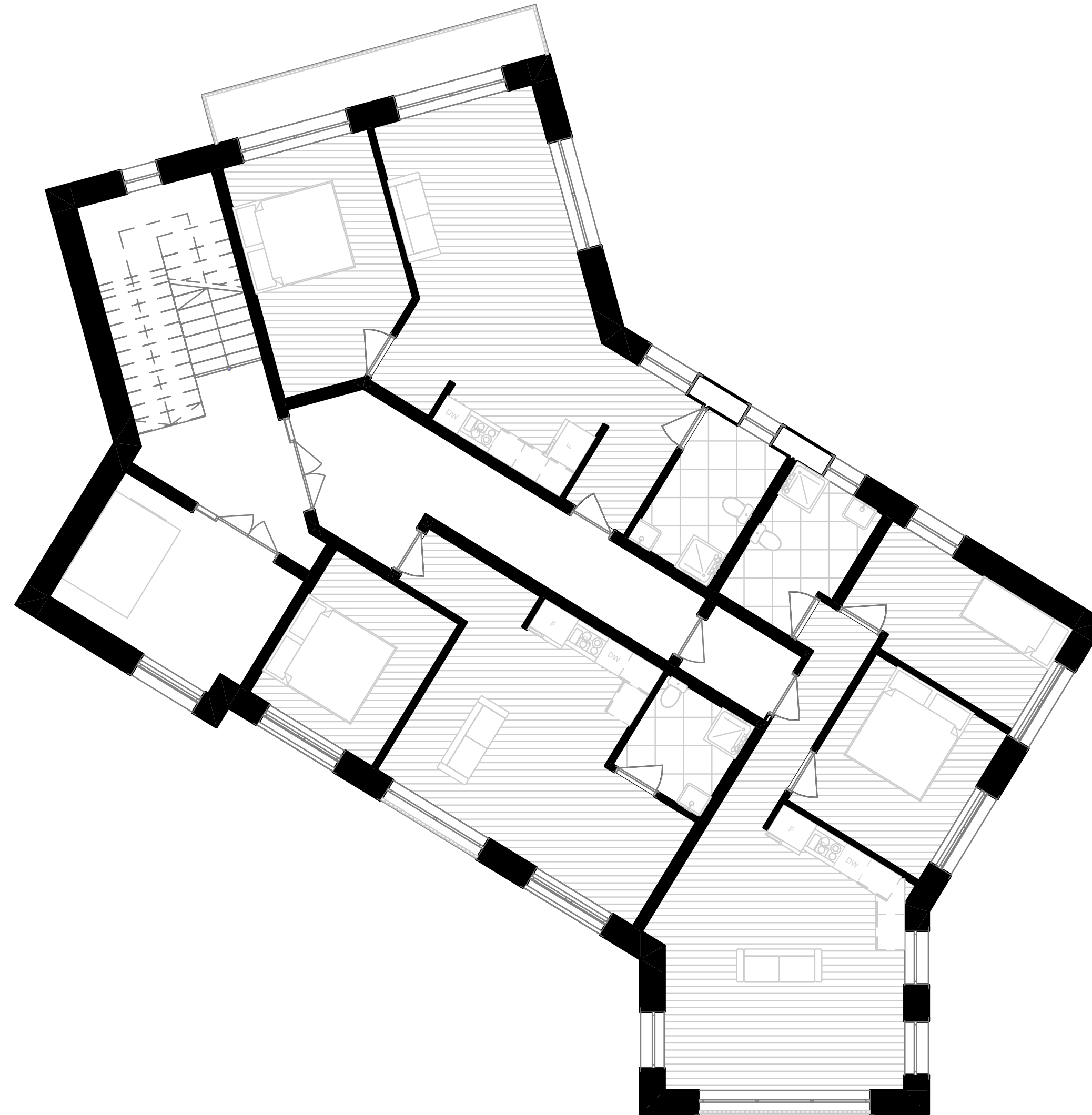
Street interactions

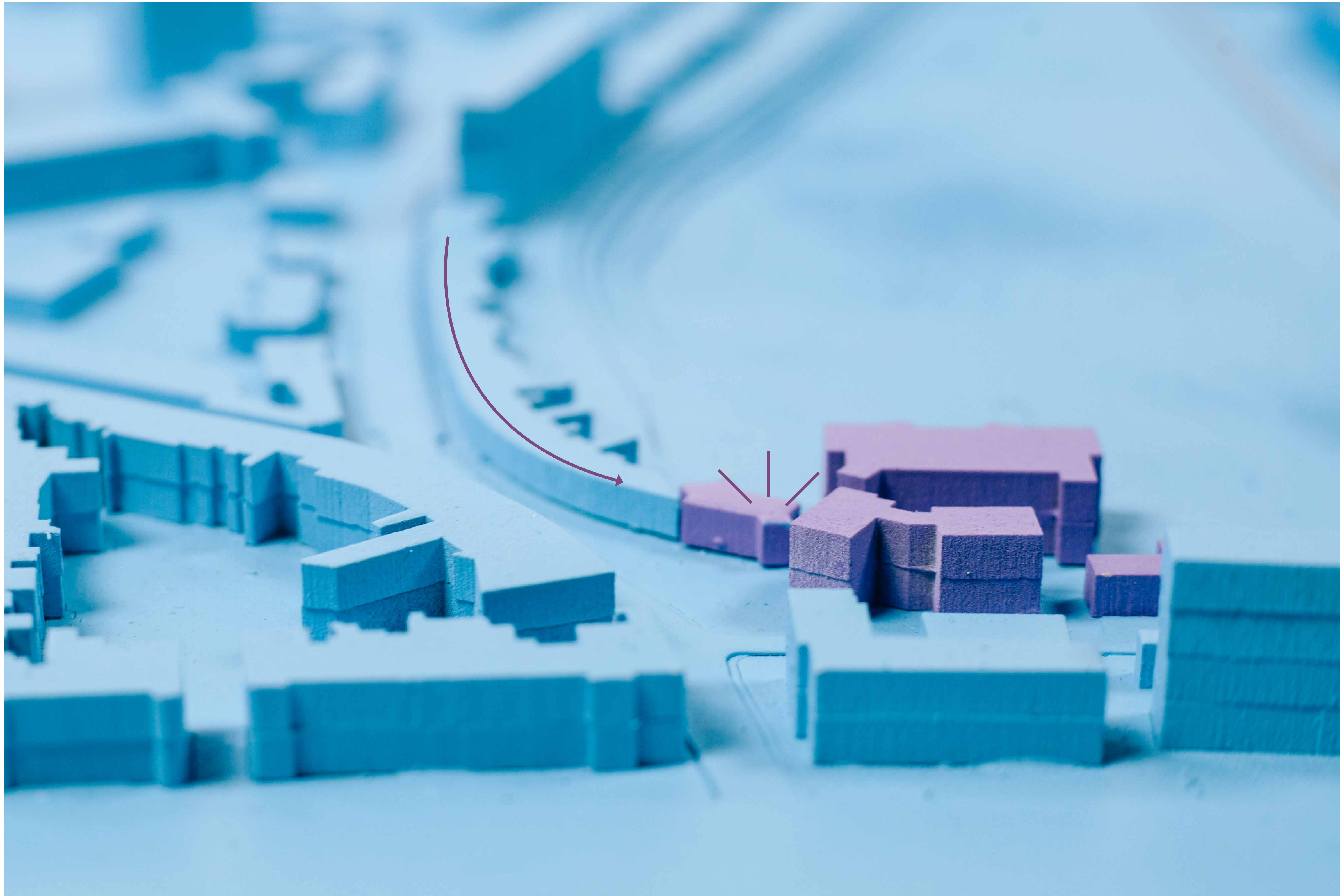
Flexible and informal



Housing Block I

- 6 Apartments
- Recup' kitchen
- Vegetable Garden





Housing Block I

Completing the terraced block

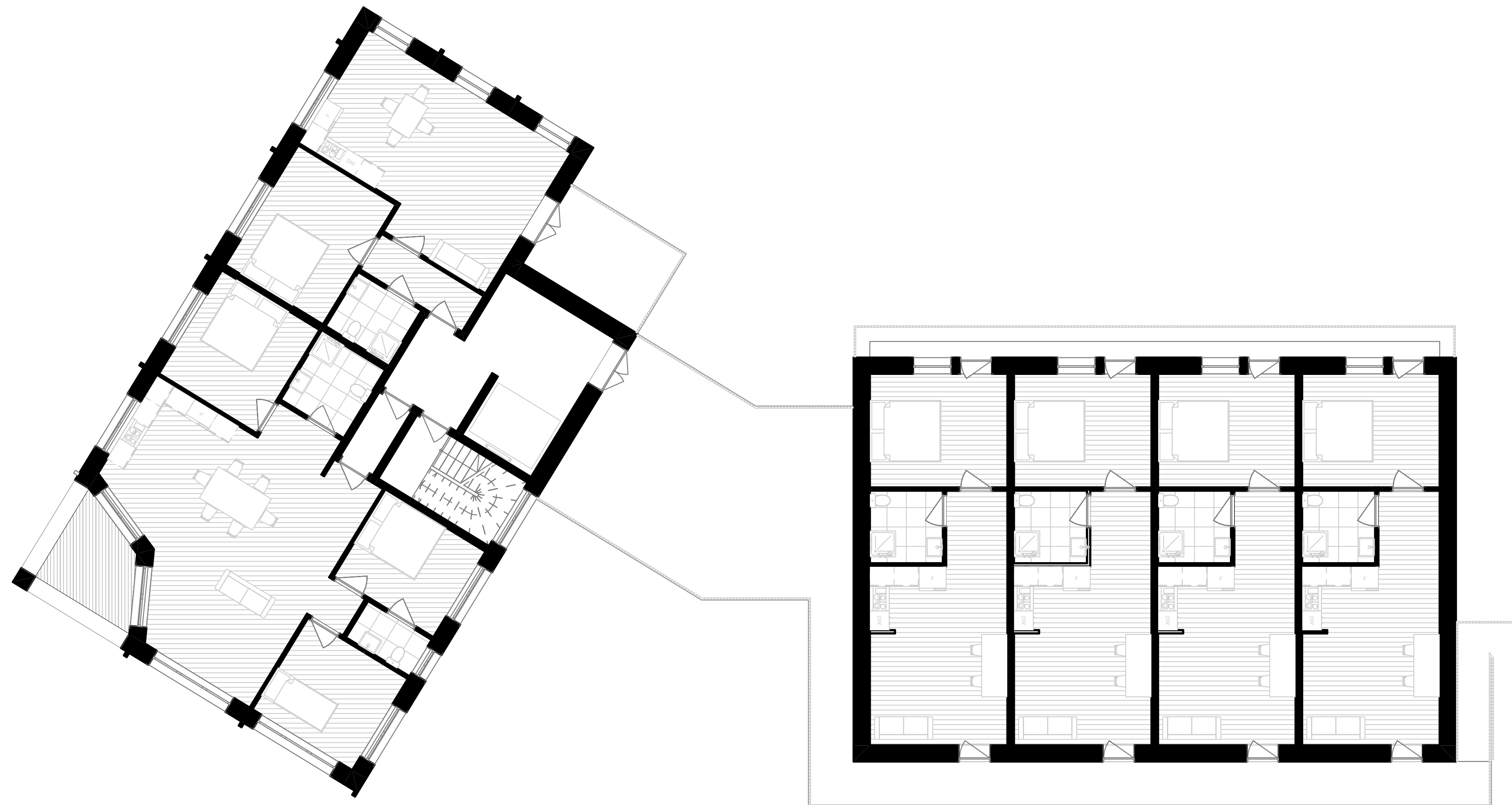
Housing Block I

Extruded head



Housing Block II & III

- 10 Apartments
- Commercial Plinth
- Shared core



Housing Block II & III

Orientated to the context



Housing Block II & III

Shared Entrance



Historical Building

Railway transformer



Housing Block II & III

Side street



Theatre Block

Square-facing facade
Two stone structures
envelop a central volume



Theatre Block

Street stage



Theatre Block

Street stage

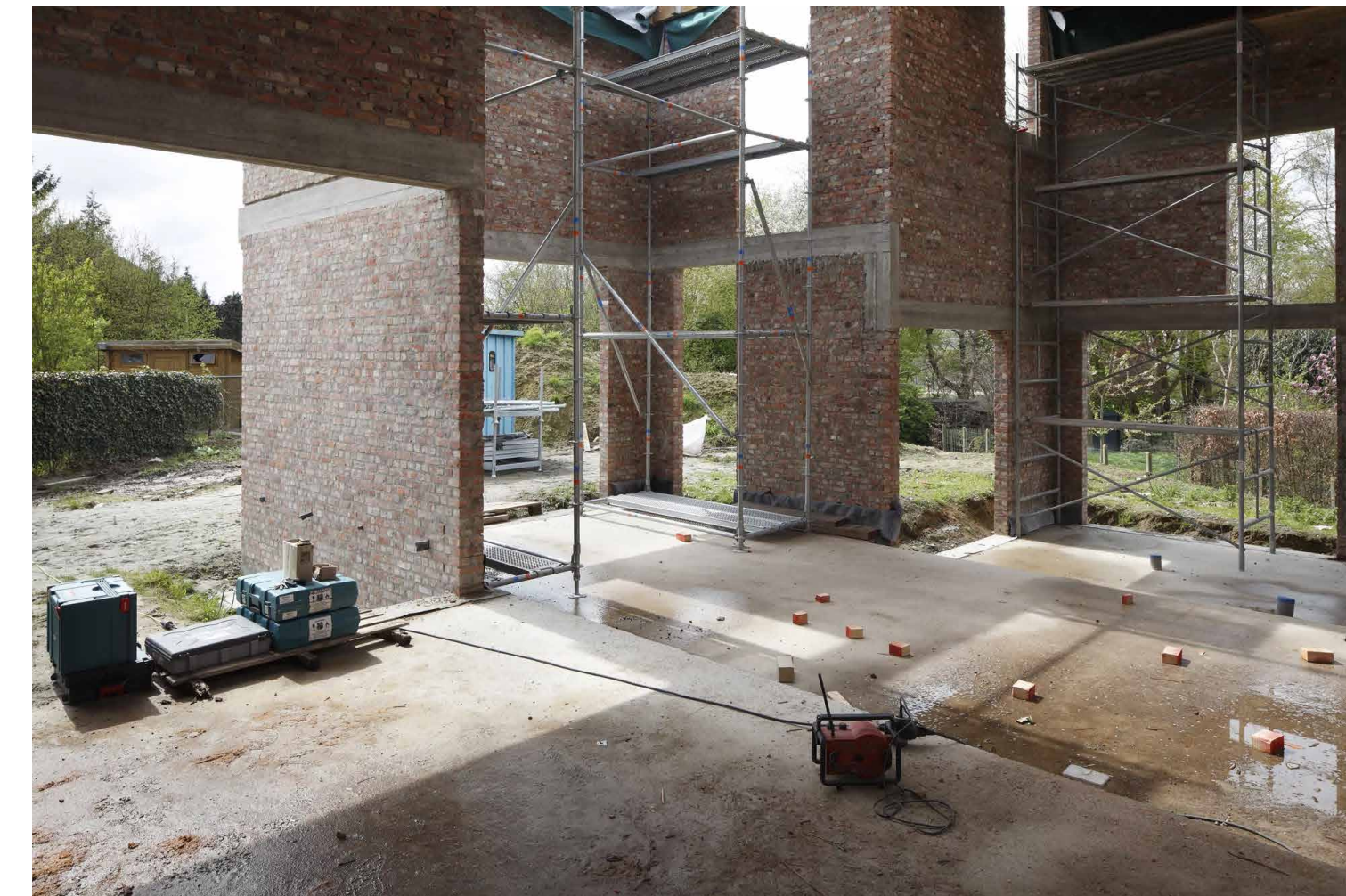


Solid Construction

BLAF architects

Load-bearing facade as an efficient alternative to cavity walls

‘Modern ruins’ > Longevity



Limestone

Rocamat Saint-Leu

Saint-Leu Stone

Saint-Vaast Quarry

Saint-Leu

Limestone from the Paris Basin

Nature

Limestone with miliolites and nummulites, Eocene, Lutetian stage

Appearance

Fine-grained light yellow background

Origin

Saint-Vaast-lès-Mello (France)
60 km from Paris



Limestone



Limestone

Assembly



Limestone

Stacked construction

TVK Architects



Limestone

Easily shaped

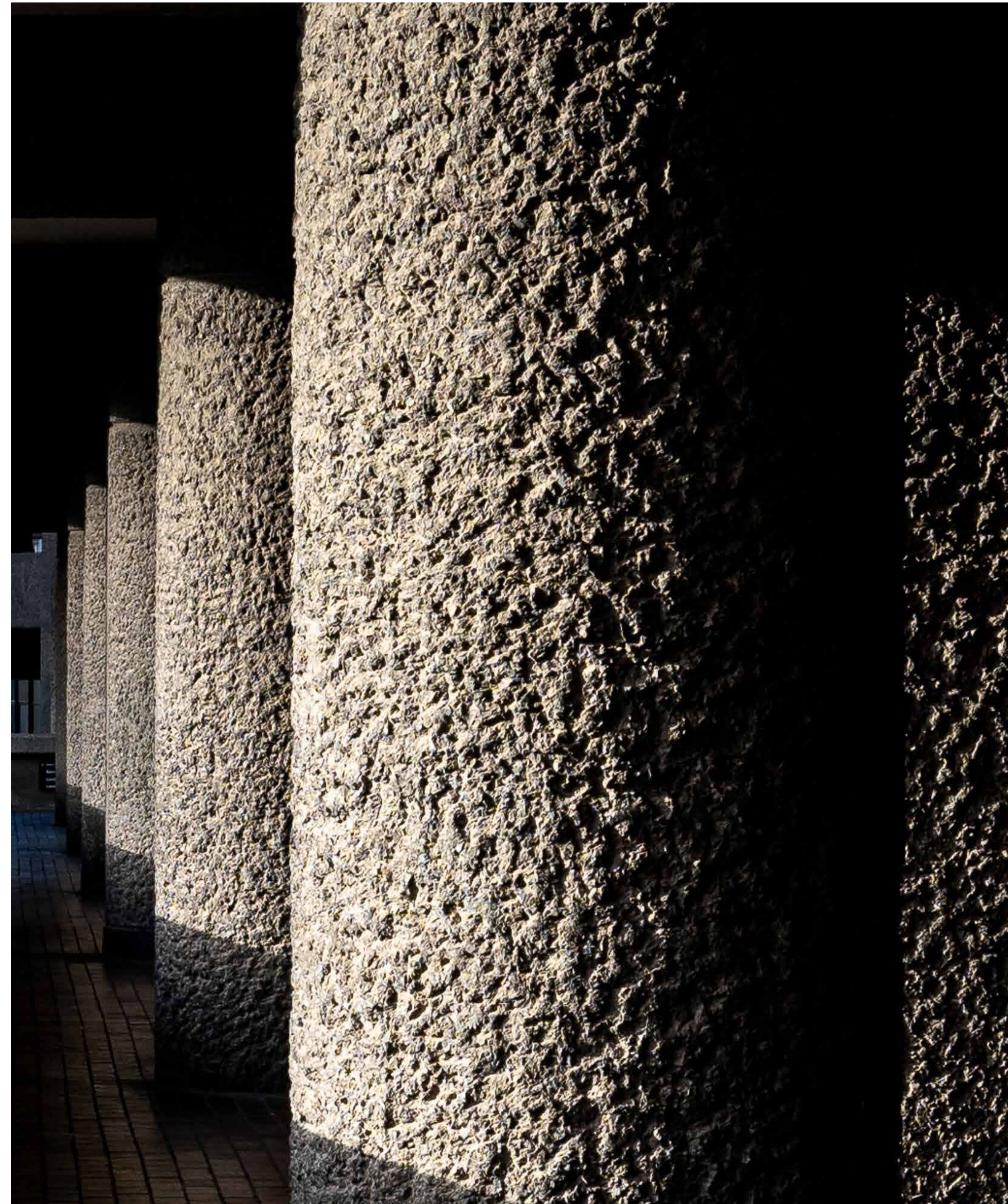
TVK Architects

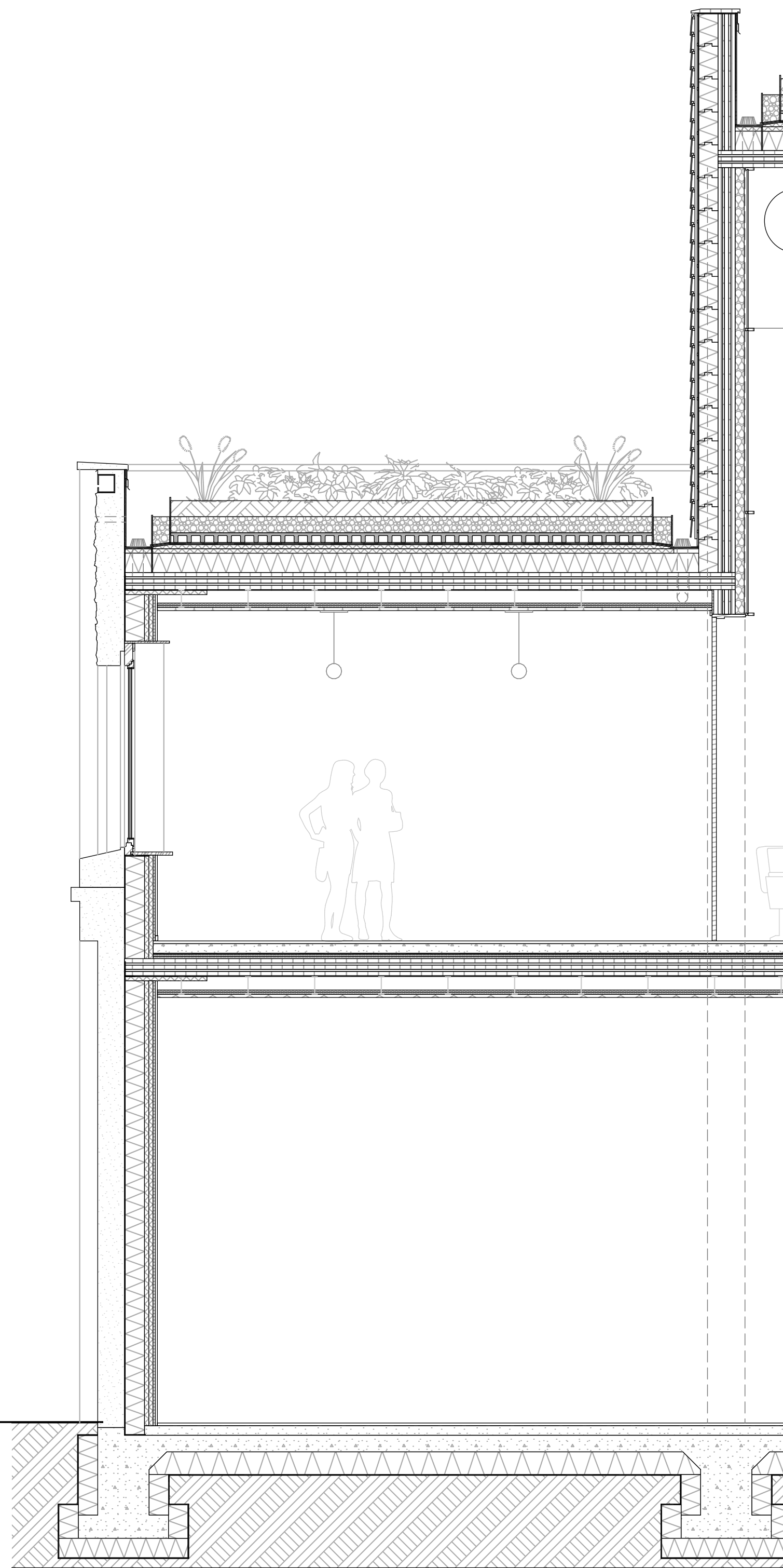
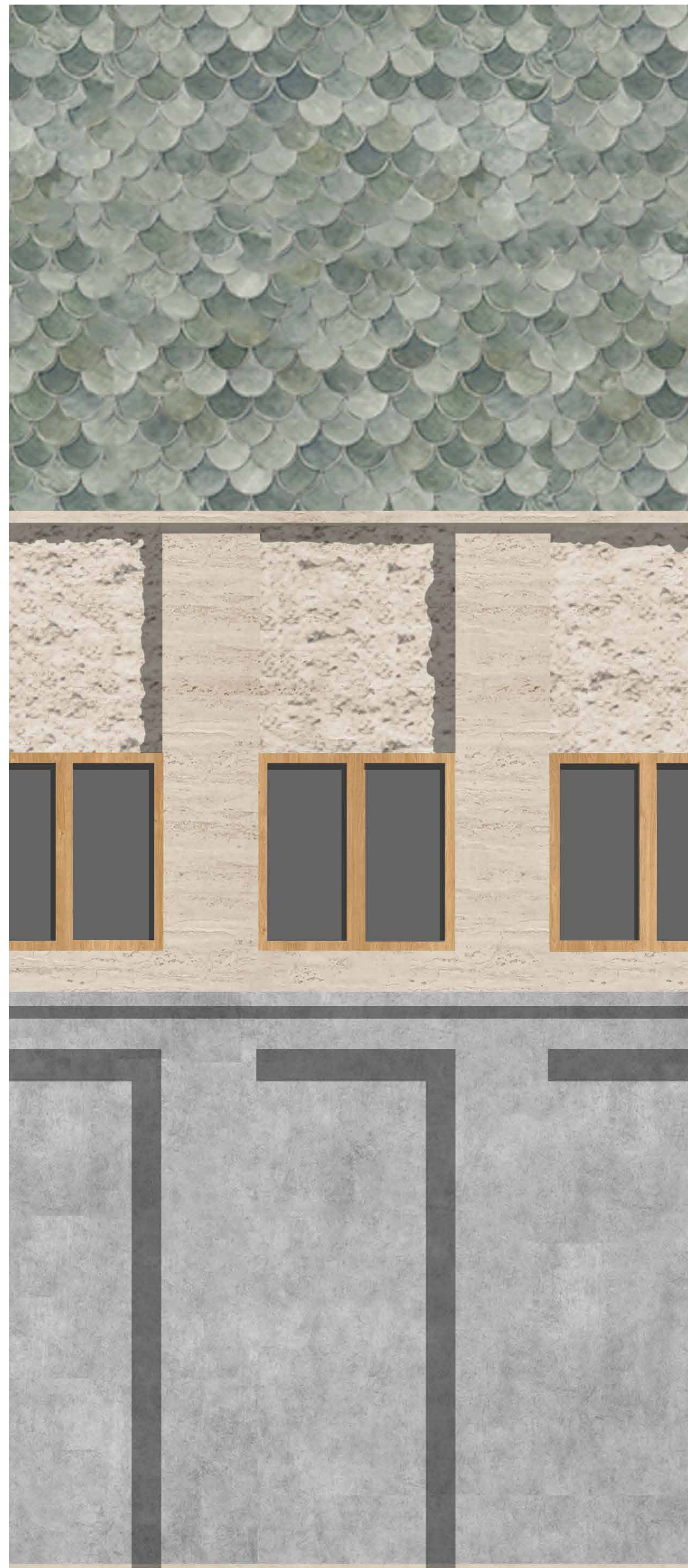
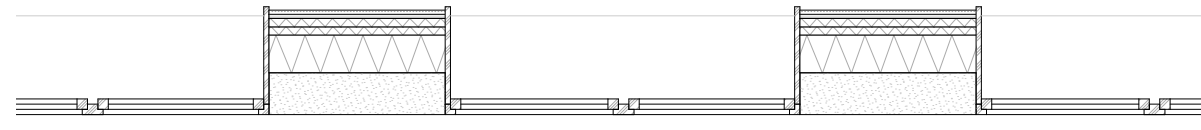


Limestone

Texture & Depth for
solidity

Barbican Estate, London





Facade Expression

Mineral materials

Wall Composition

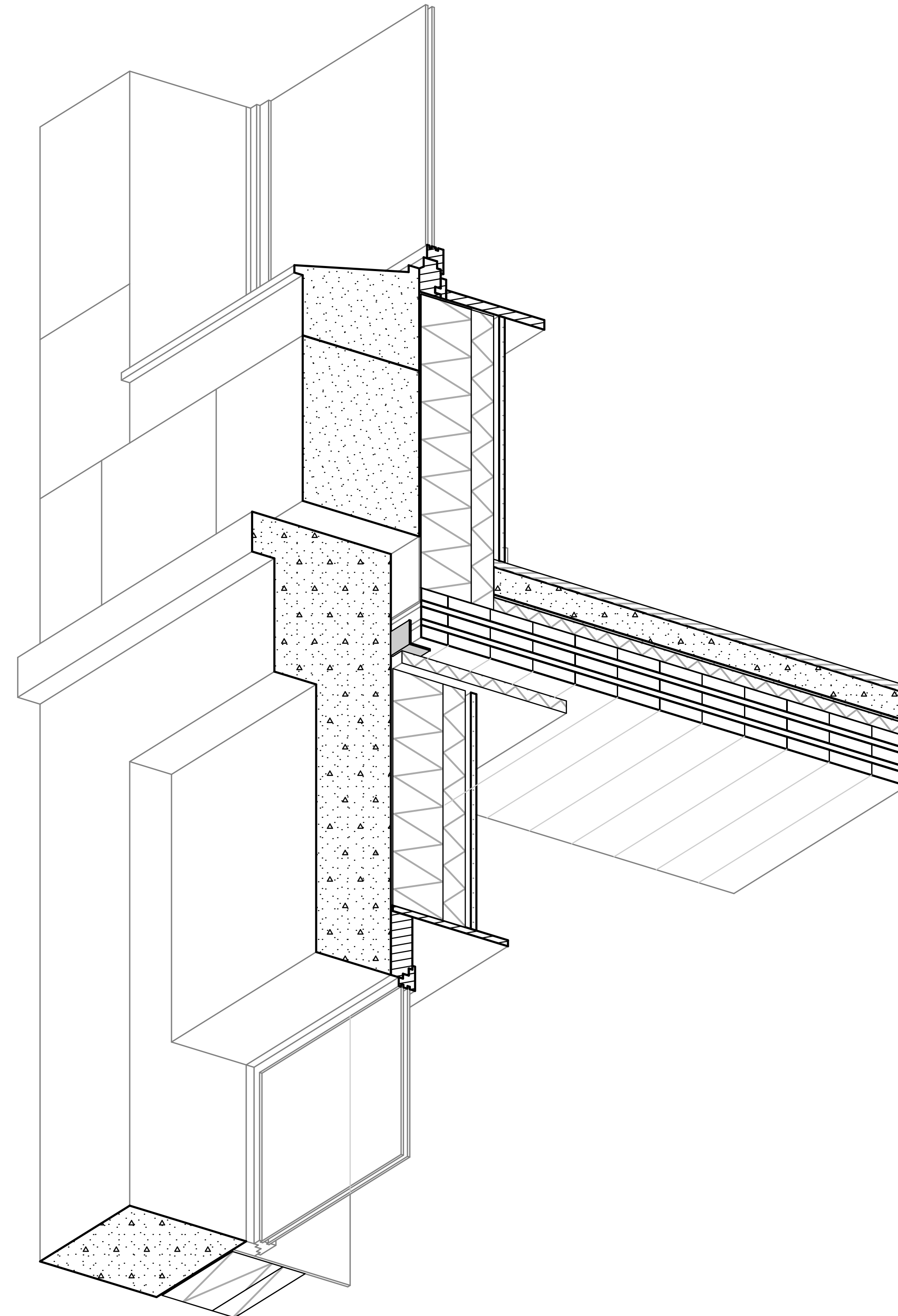
Structural Limestone	250
FOAMGLAS board Insulation	180
Claytec Wood Fibre Insulation	40
AGEPAN Wood Fibre Insulation	40
OSB	18
Plaster	5

Facade Construction

Load-bearing facade

No Cavity

CLT mounting bracket

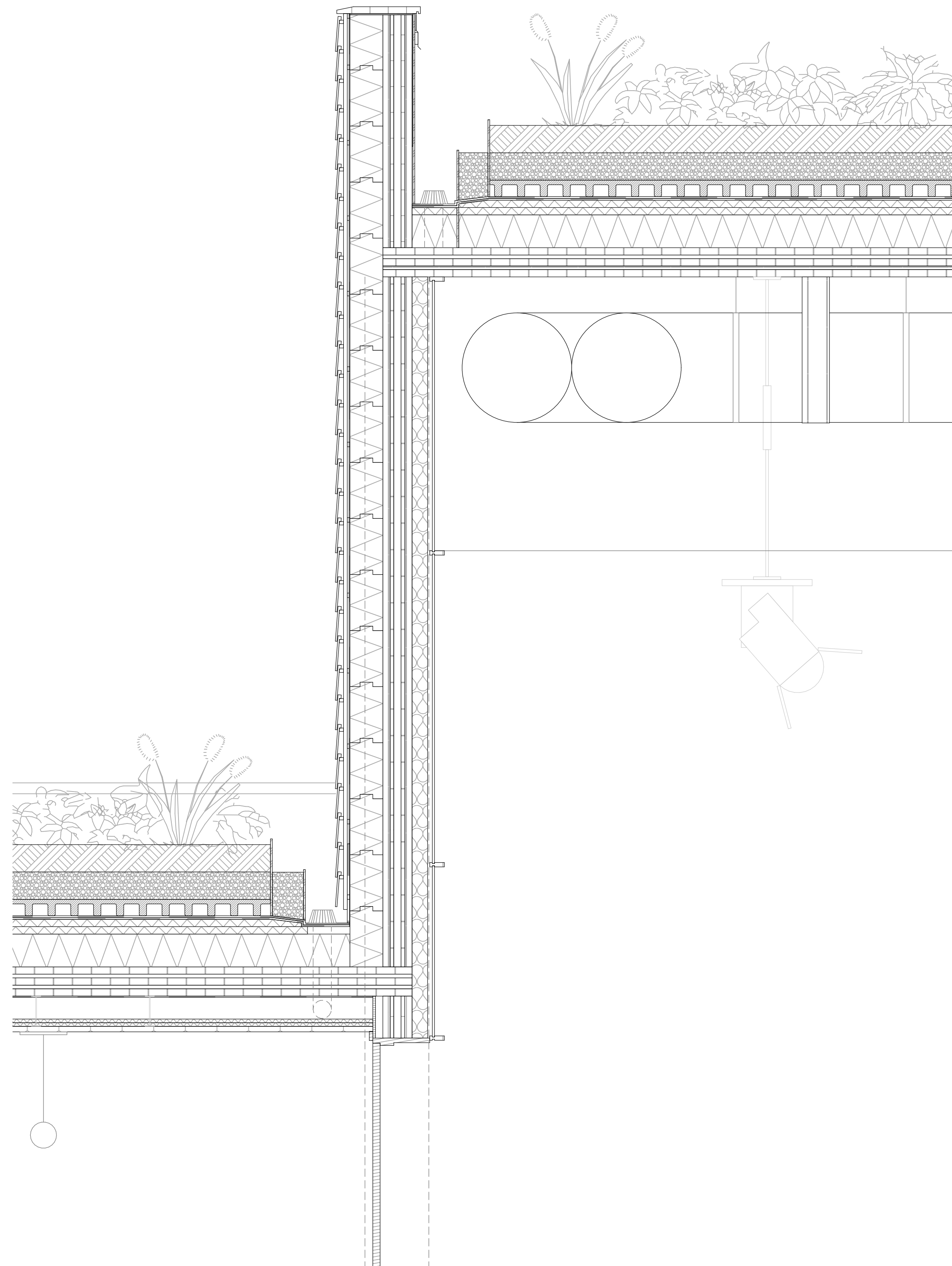


Theatre Facade

2 Separate Blocks
Extruded blind volume



Shingle facade



Wall Composition

Green slate shingle facade	10
Aluminium mounting rails	30
Waterproofing layer	10
Wood fibre insulation blocks	180
CLT 5 layers	160
Plywood interior facade	20

Roof Composition

Brown roof soil	150
Gravel	150
Drainage profile	80
Waterproofing layer	10
Insulation	40
Insulation	40
FOAMGLAS	180
CLT 5 layers	160
Suspended ceiling	100

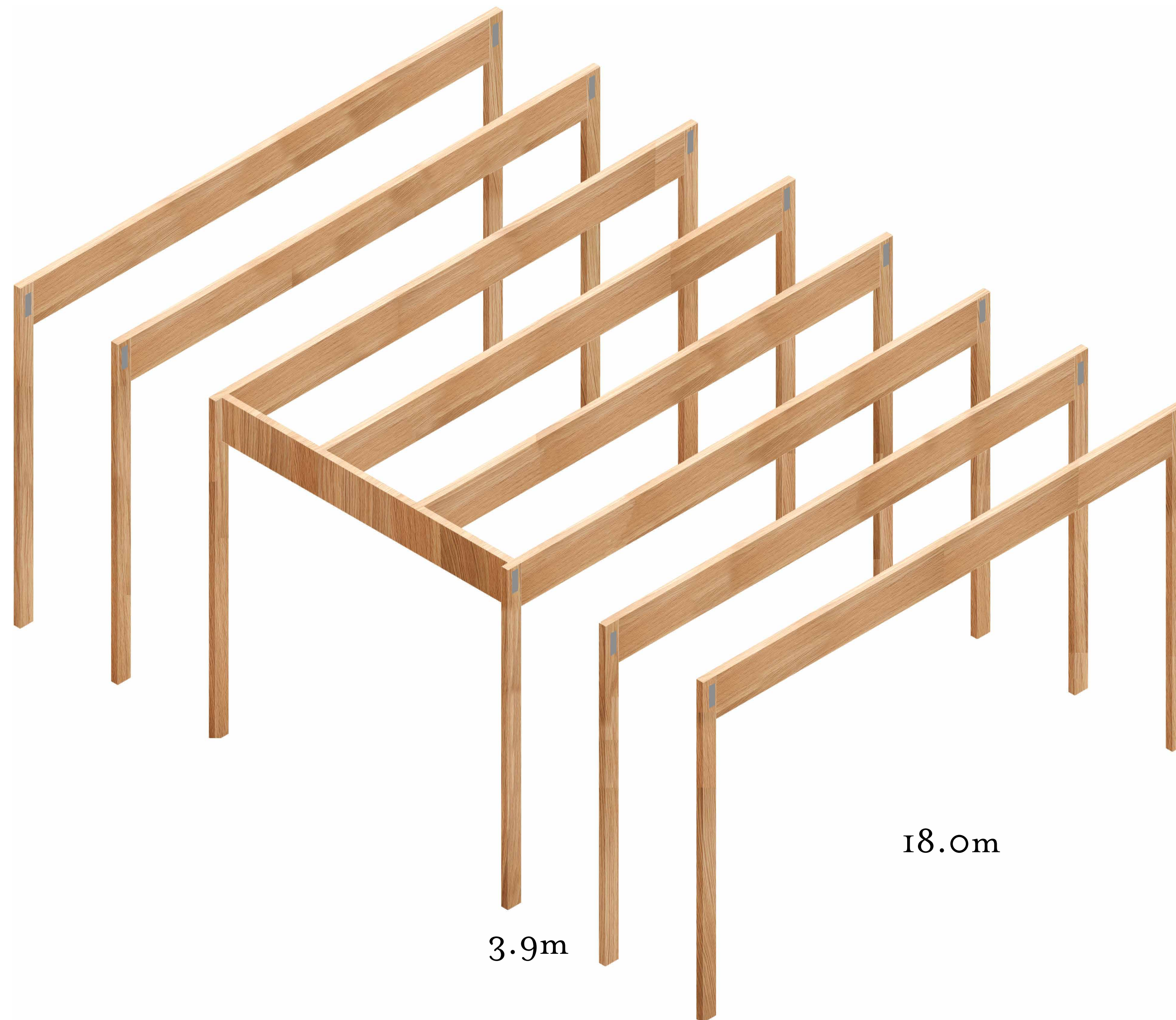
Green Slate

Example



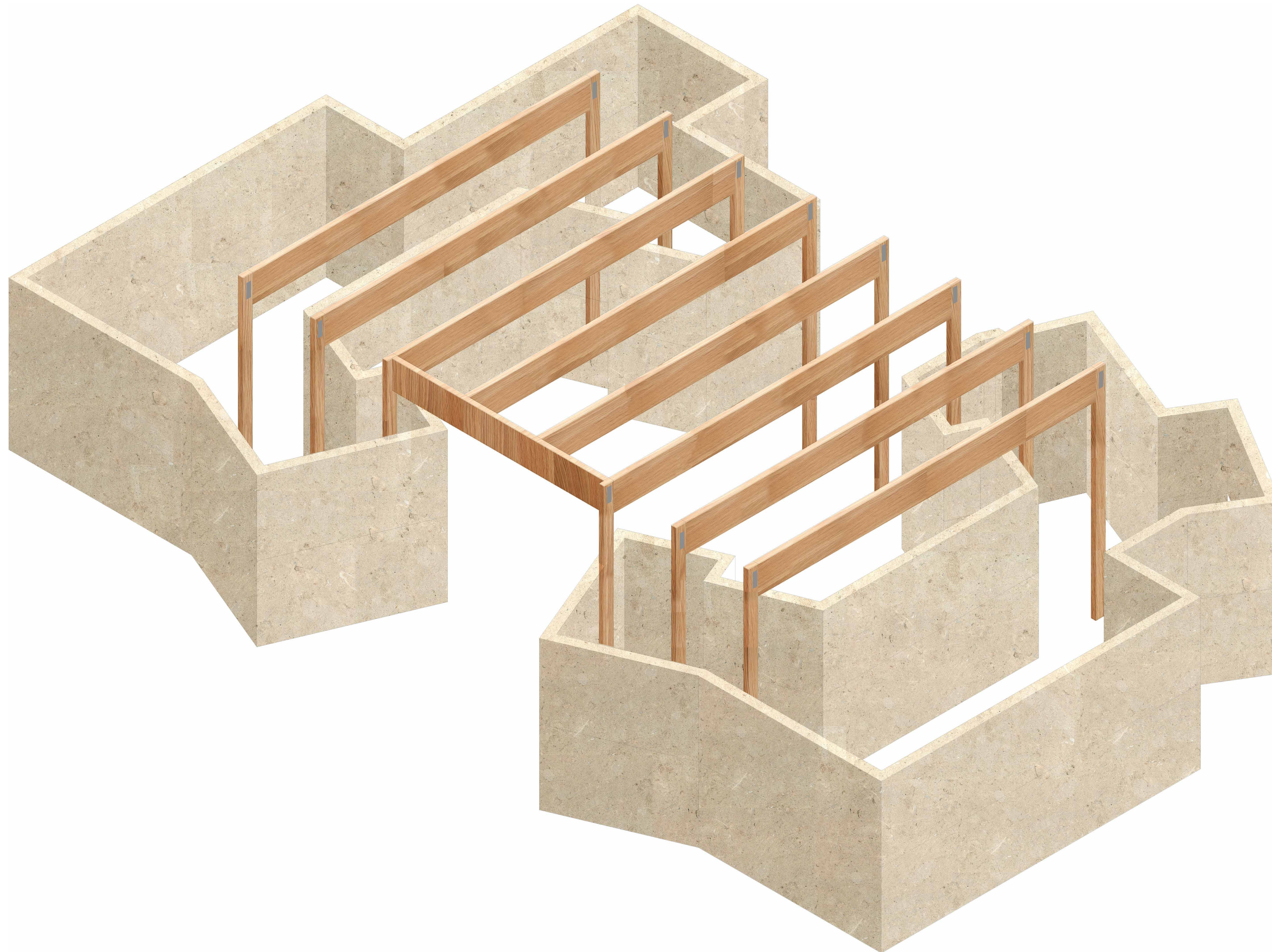
Structure

Glulam Portal frames



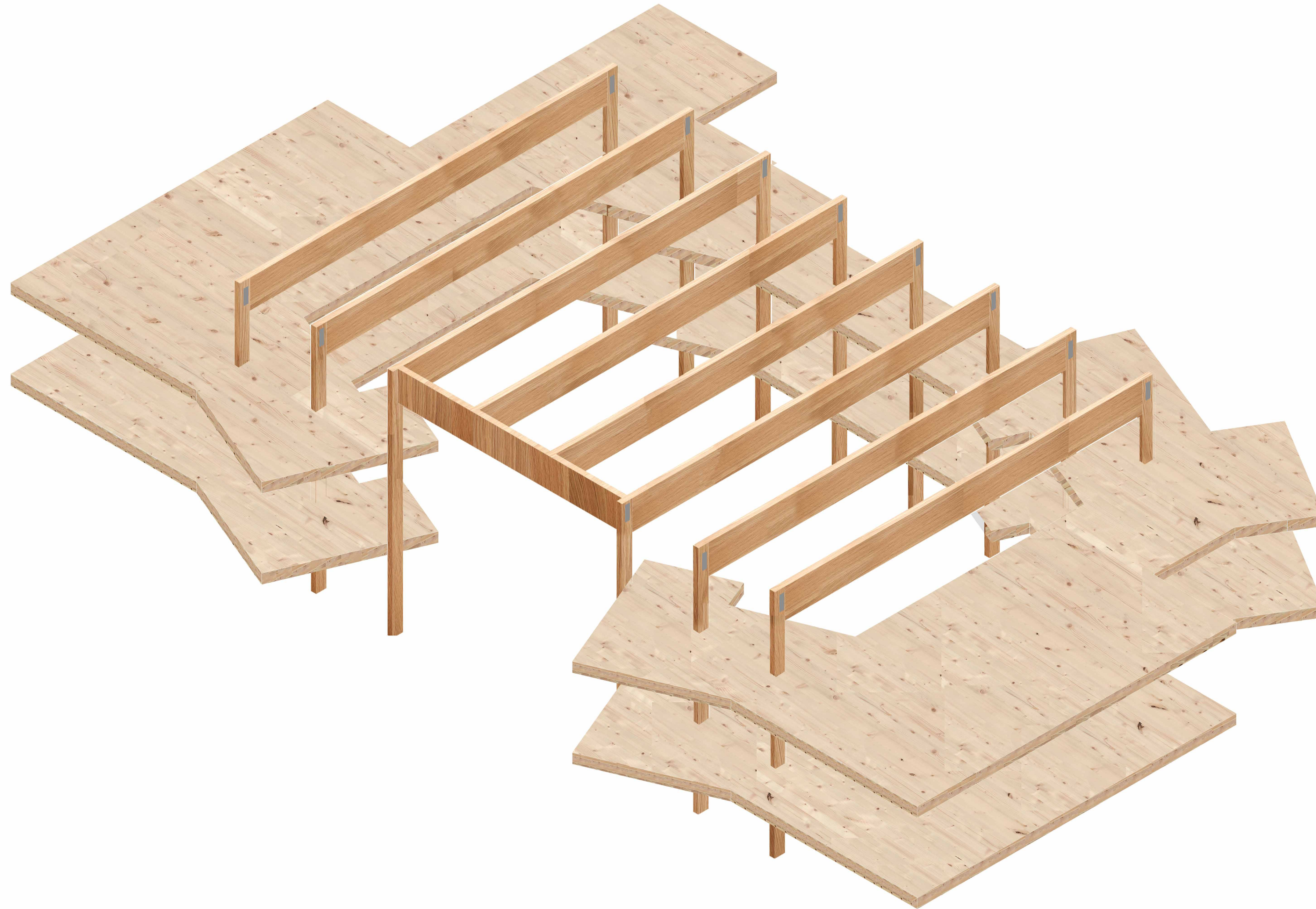
Structure

Limestone facade



Structure

CLT Floor plates





Structure

Total system

Solid shell to be reused

Structure

Shingle cladding

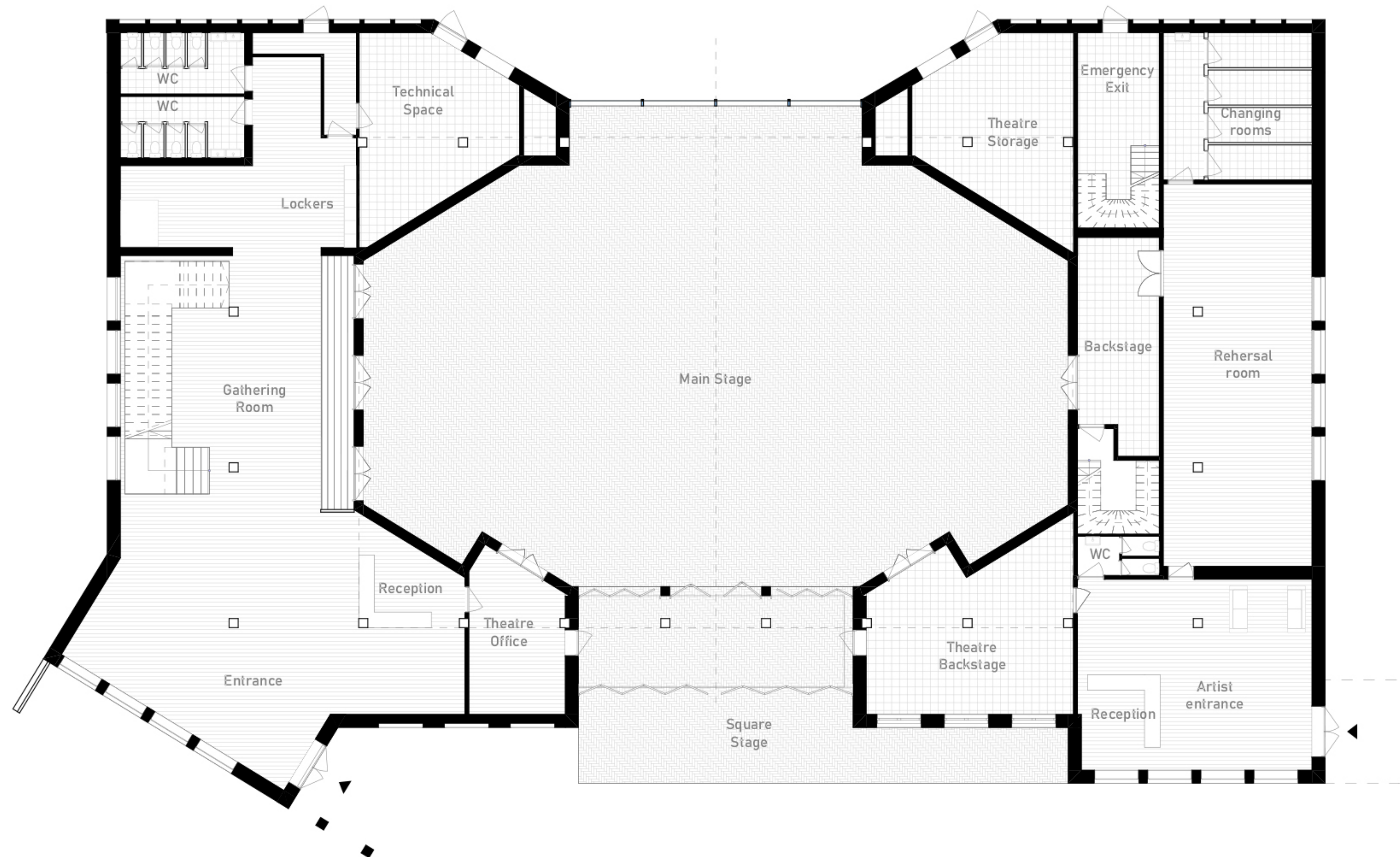


Theatre Block

Ground Floor
Blurred Threshold -
Spectator vs Performer

Theatre education

- Two entrances
- Street stage
- Openings onto the surroundings



Theatre Block

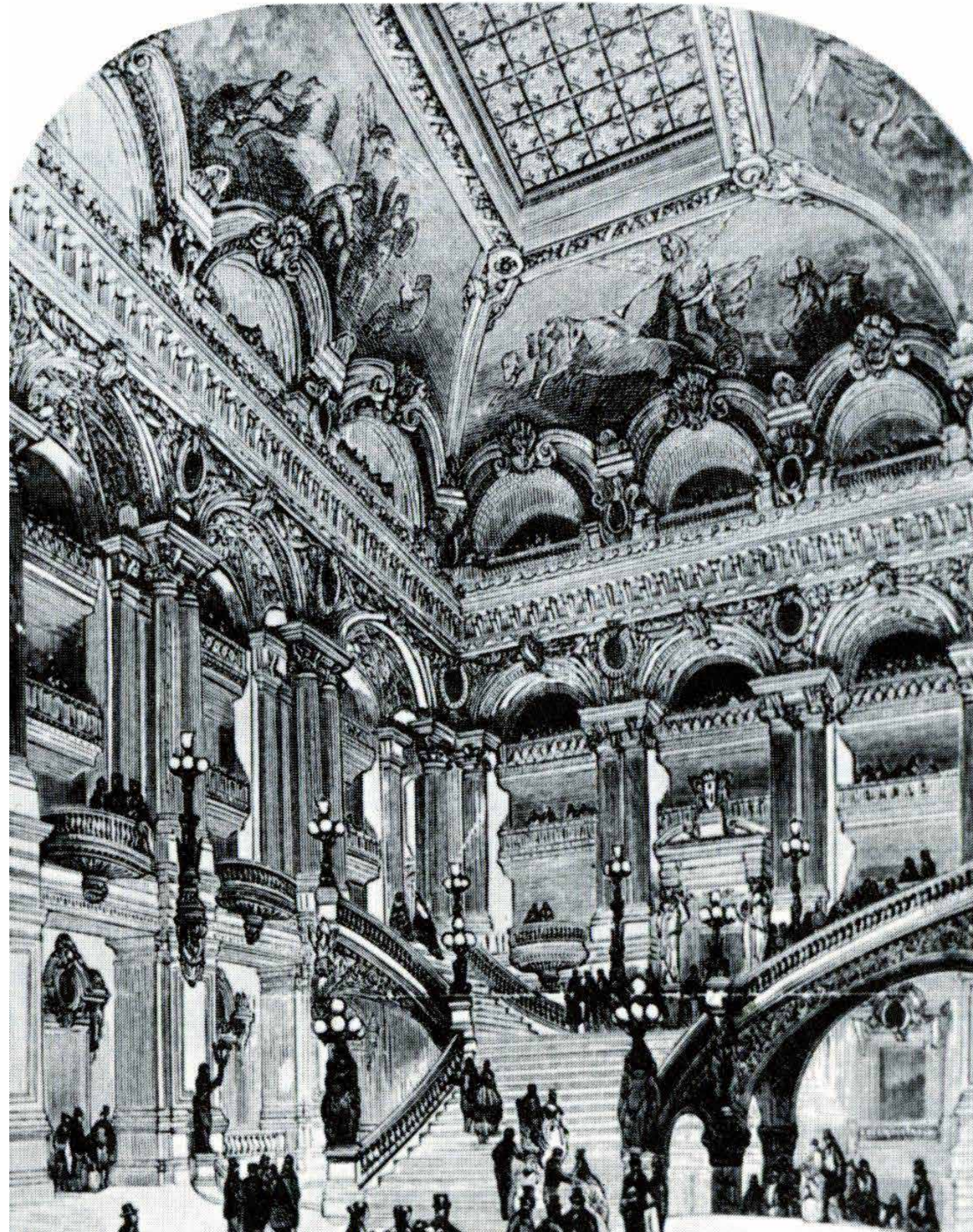
Spectator entrance

Staircase with opening
onto the vegetable garden



Staircase as a social stage

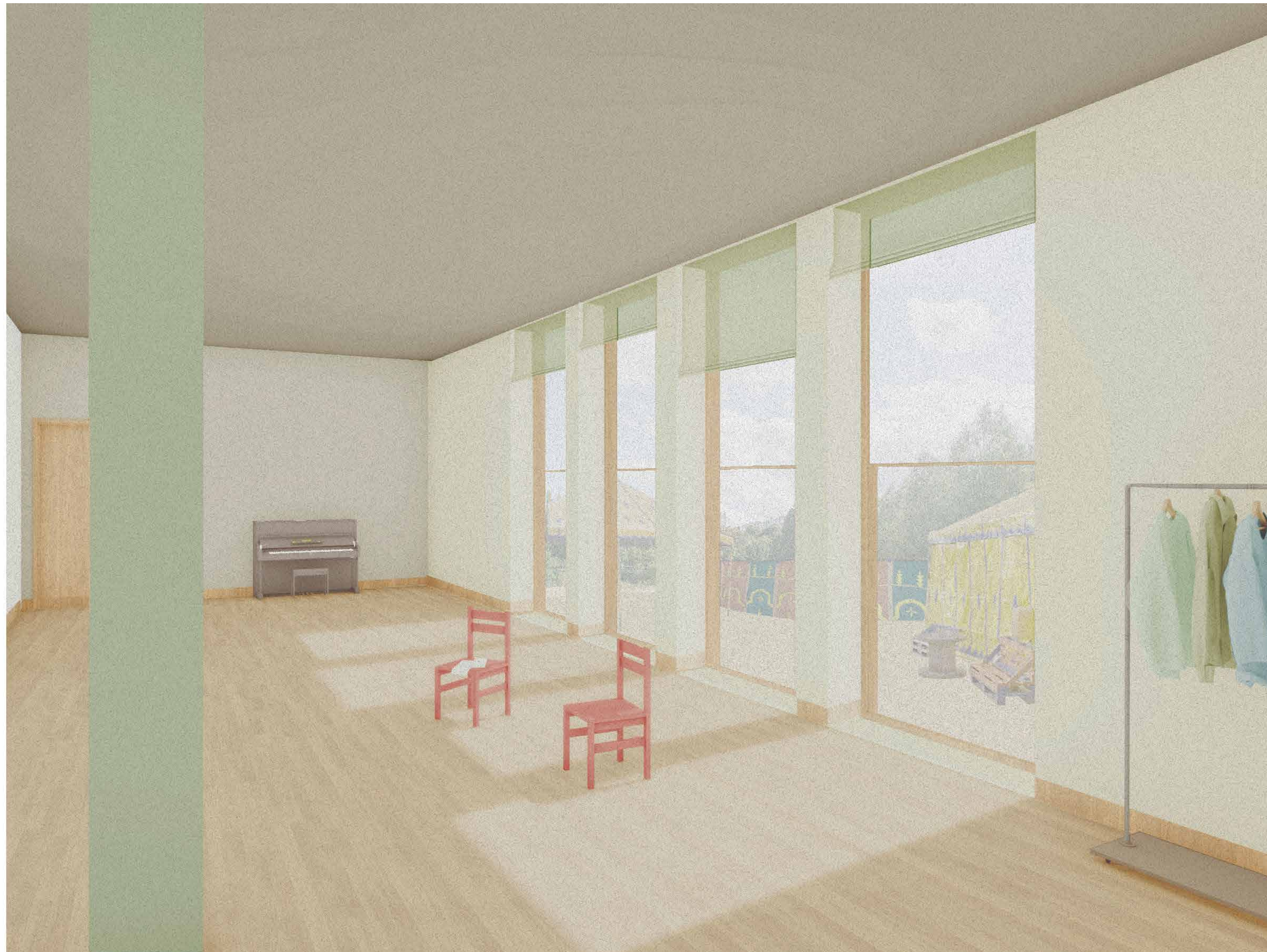
Interior vs Exterior



Theatre Block

Rehersal room

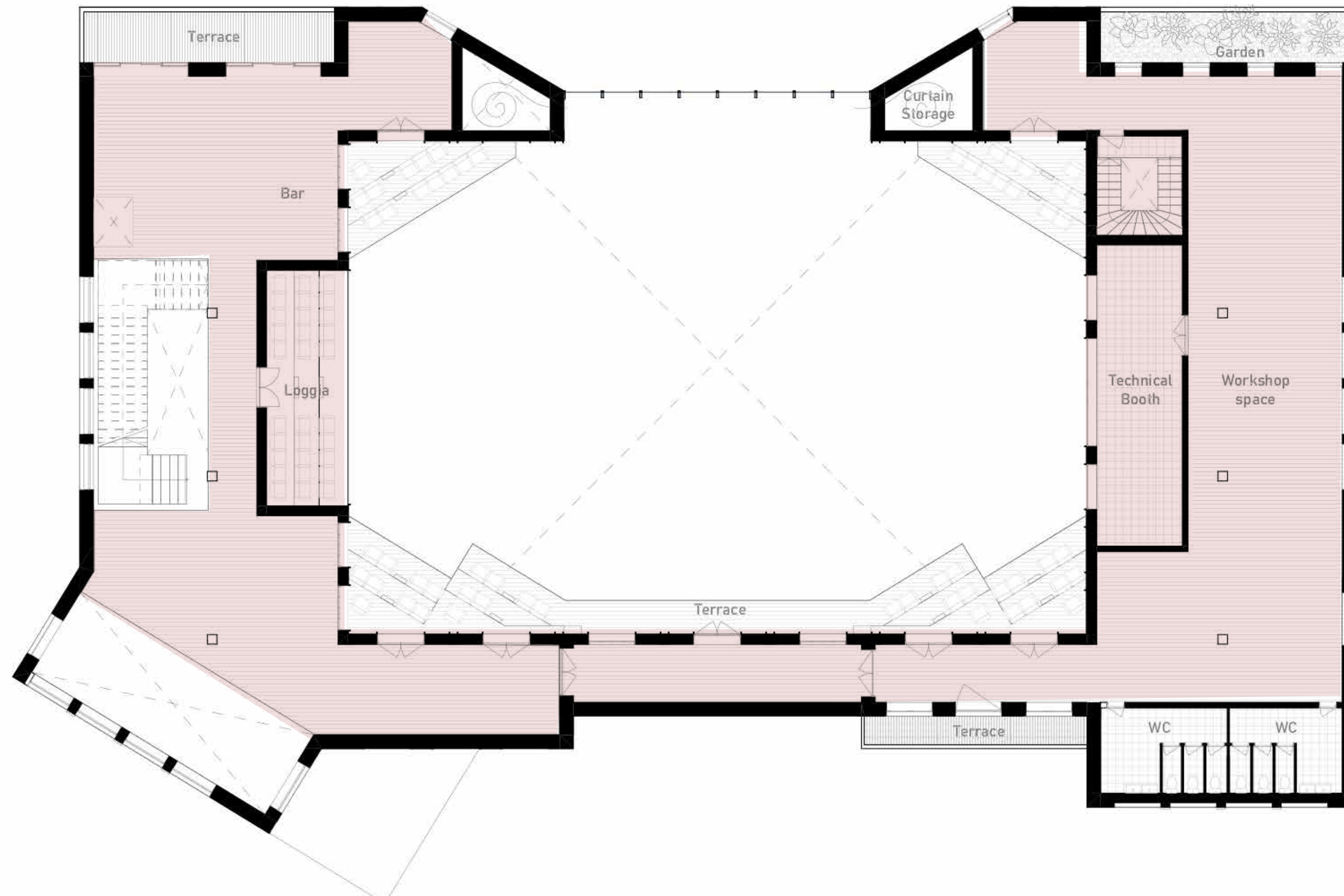
Visual relation with the ND



Theatre Block

First Floor

Edge circulation
Spectator vs Performer



Theatre Block

Bar & Terrace

Views onto the Friche

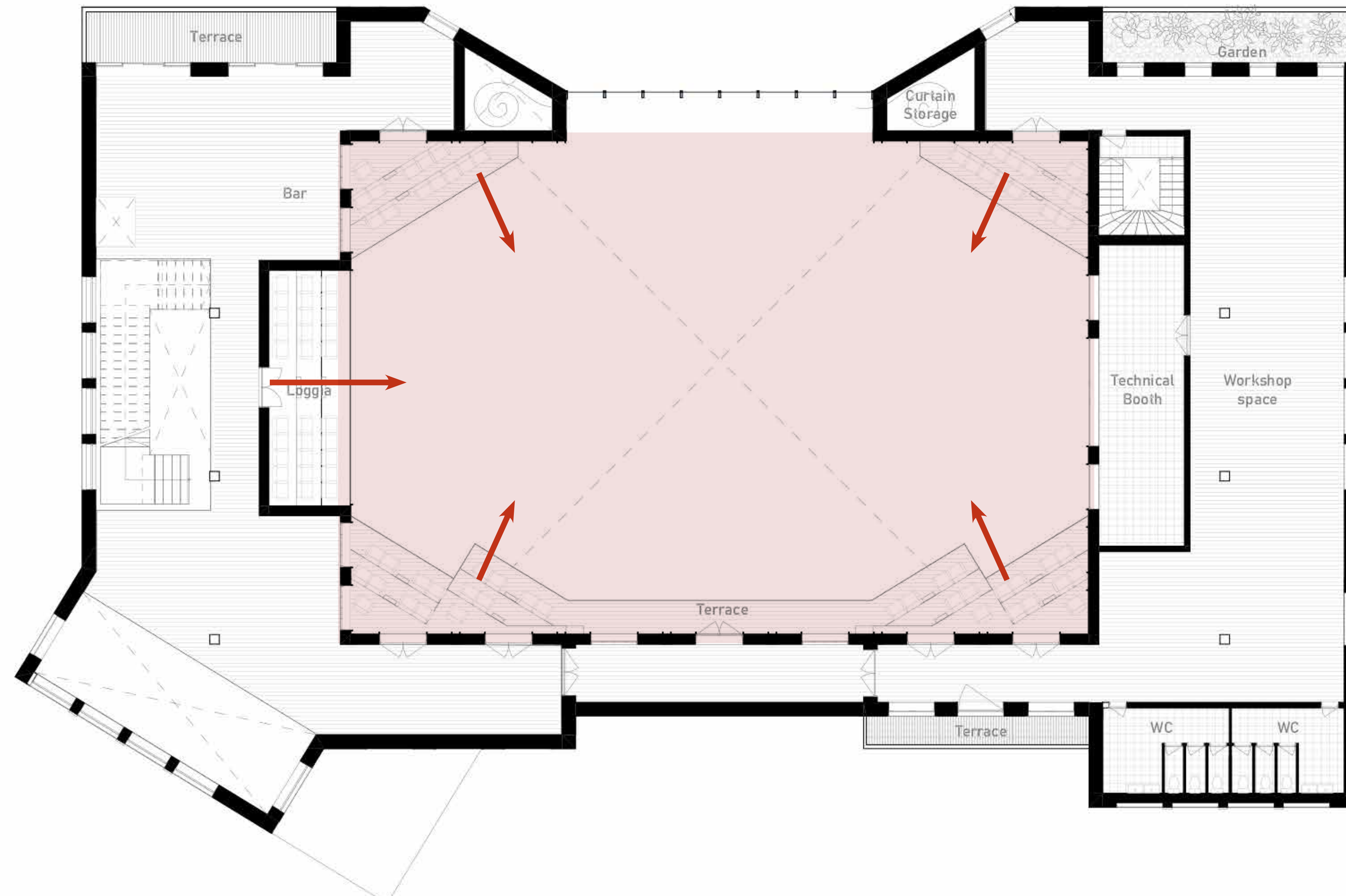


Theatre Block

First Floor

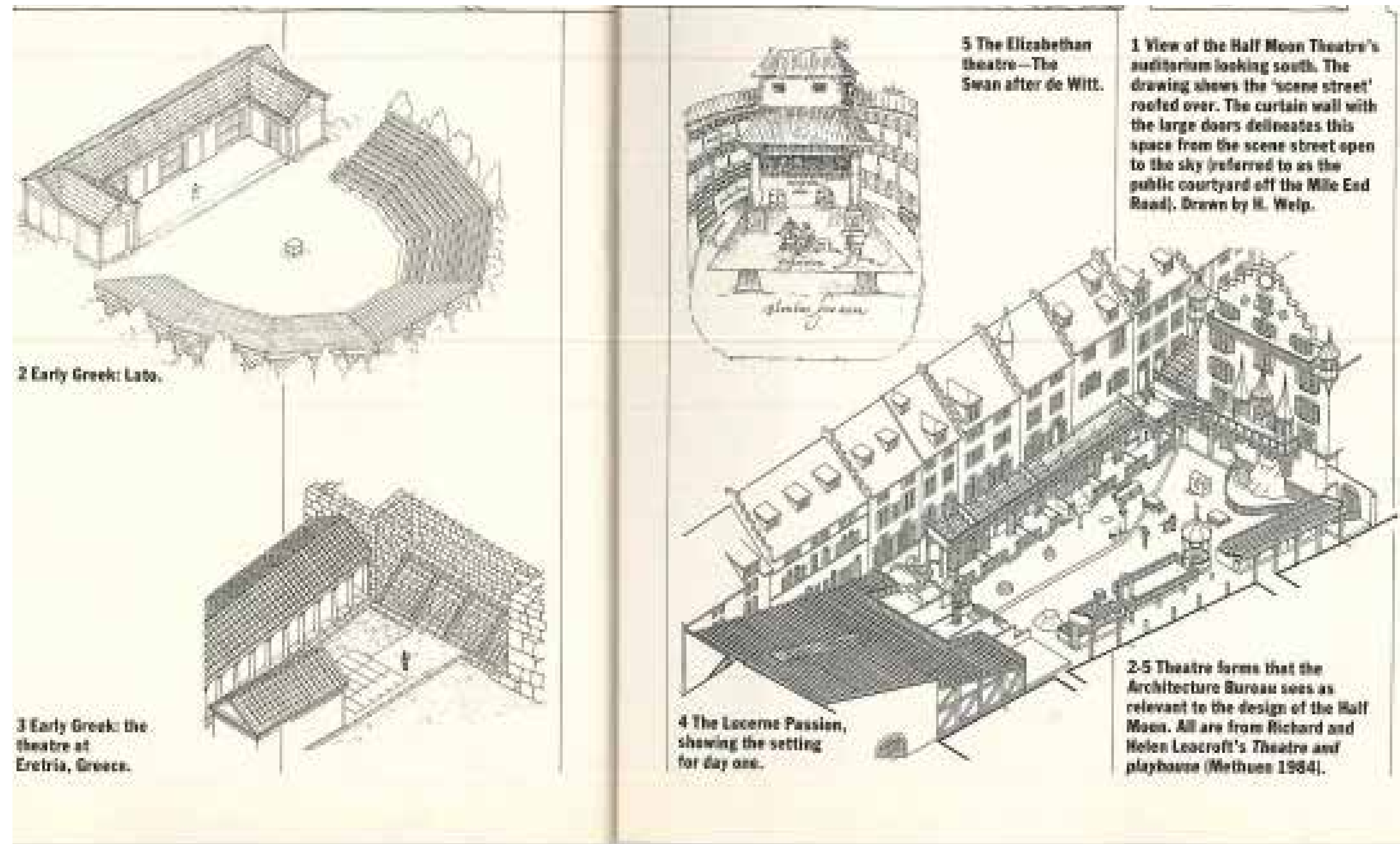
Central performance space

- Balconies
- Interior Facade



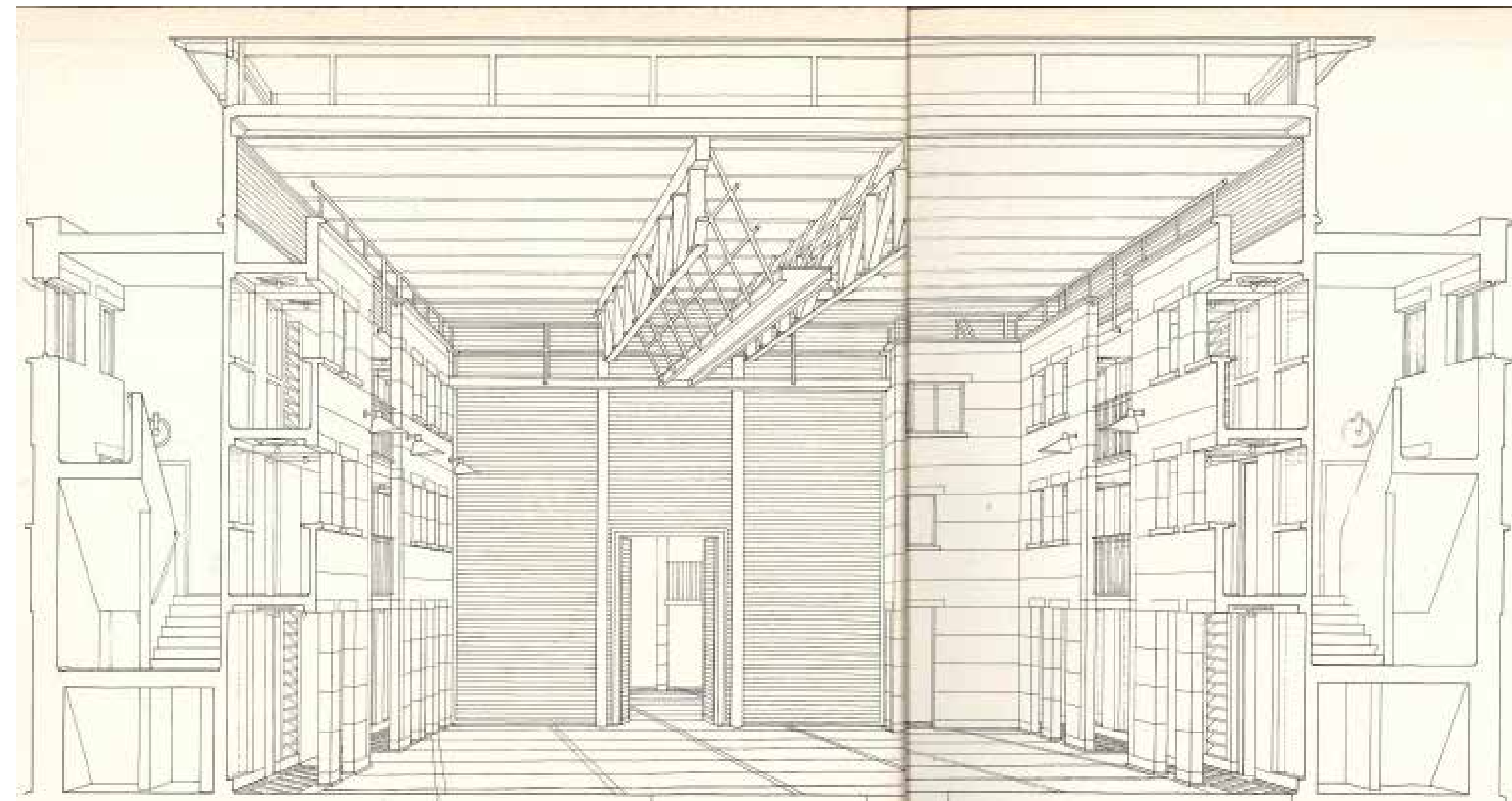
Florian Beigel

Half Moon theatre



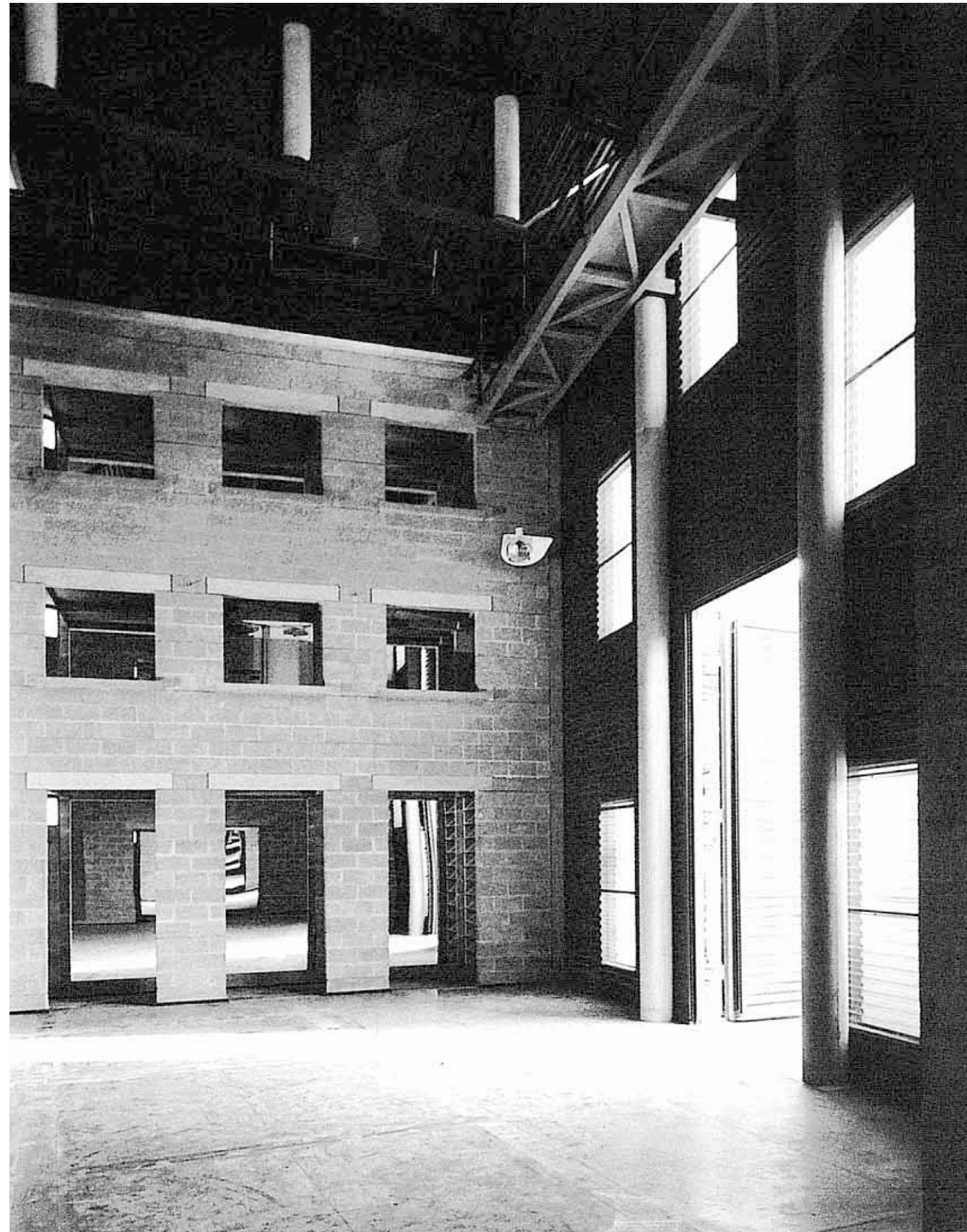
Florian Beigel

Half Moon Theatre



Florian Beigel

Half Moon Theatre



Theatre Block

Multifunctional
Performance Space

Utilitarian expression
Interior urban facade



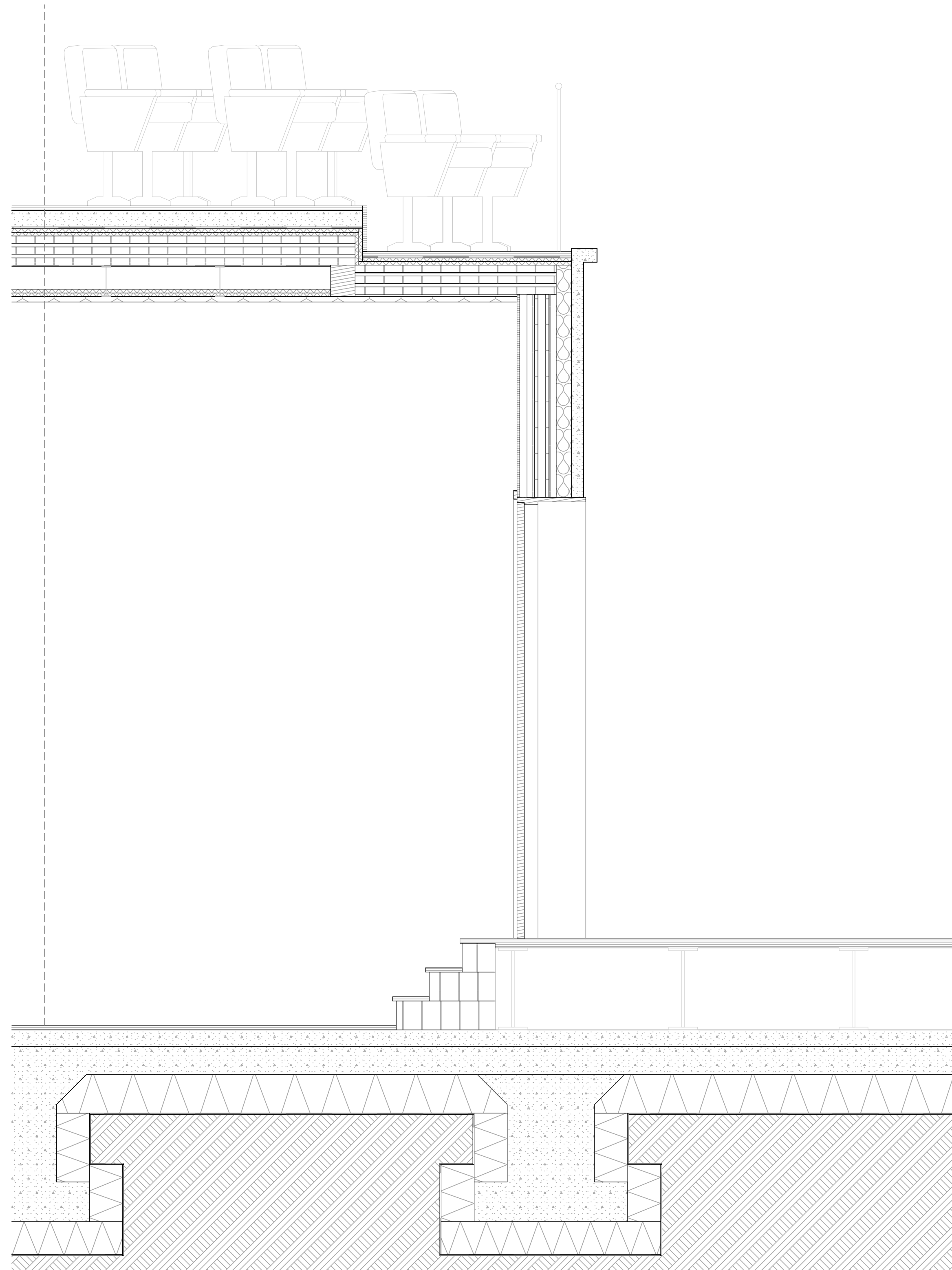
Theatre Block

Interior Facade



Theatre Block

Raised floor & Interior plinth

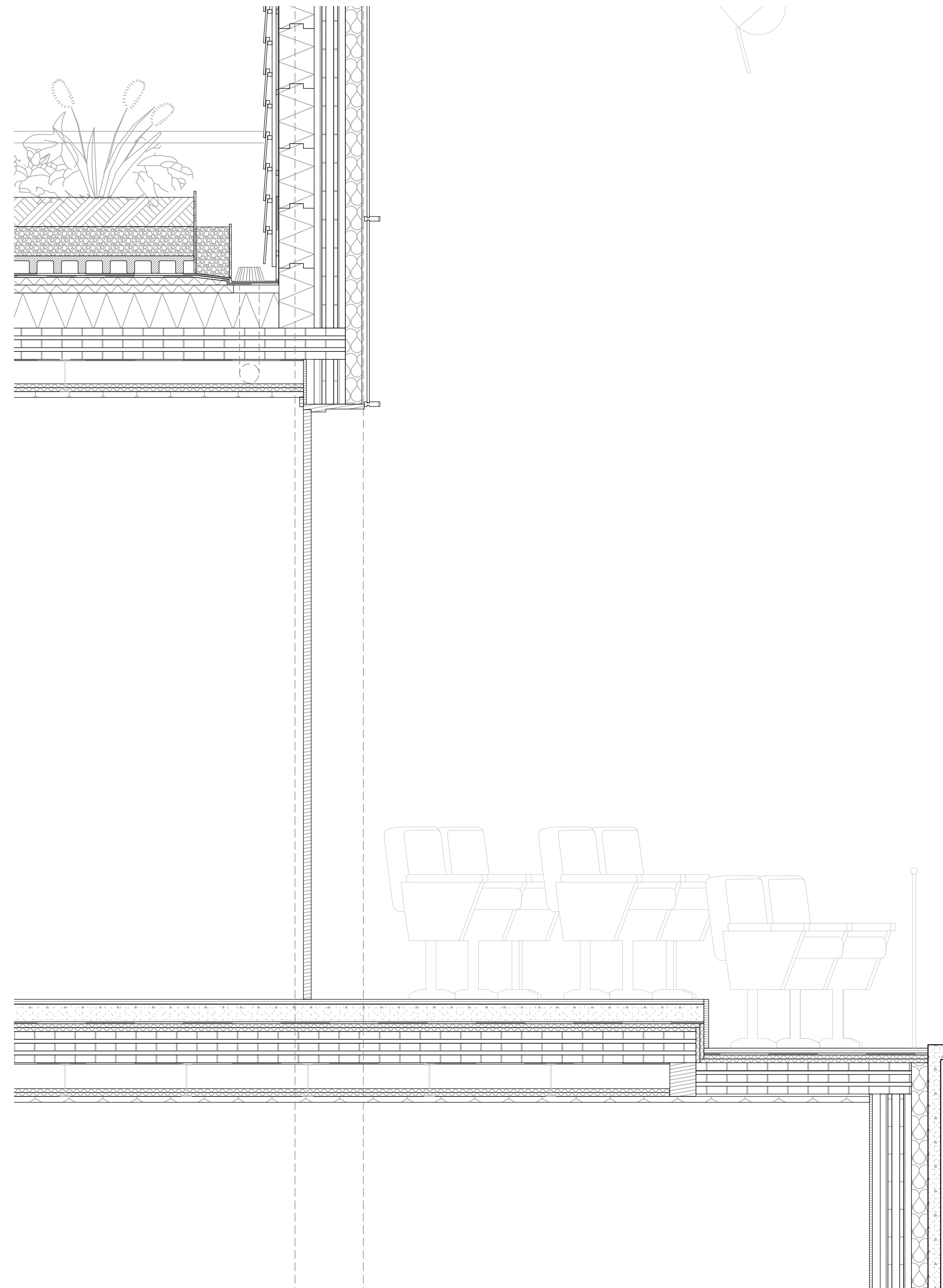


Floor Composition

EPS Foundation formwork	180
Concrete foundations	300
Heated screed	80
Raised technical floor	450
Plywood floor	20
Tile finish	10

Theatre Block

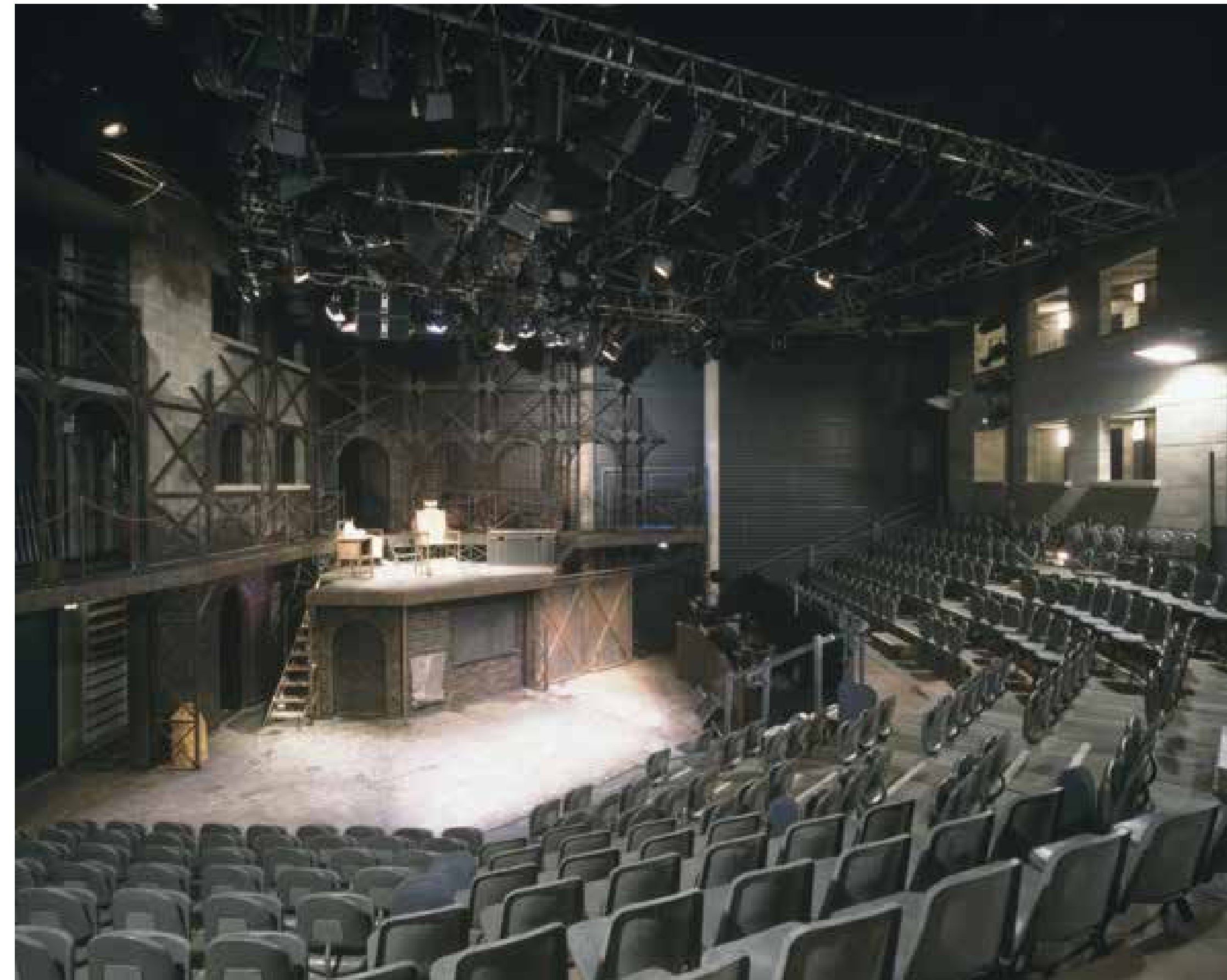
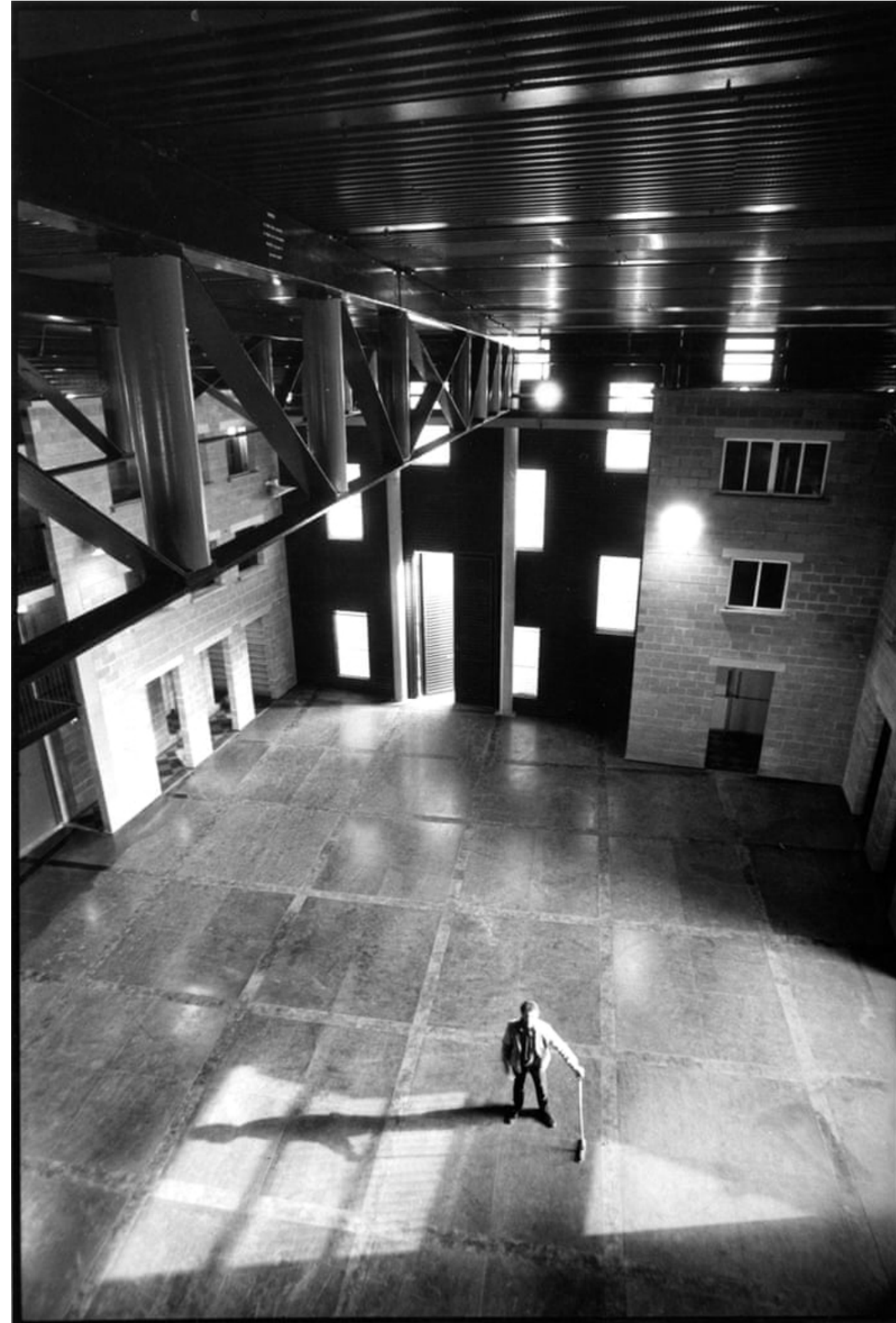
Balconies & Openings



Florian Beigel

Half Moon Theatre

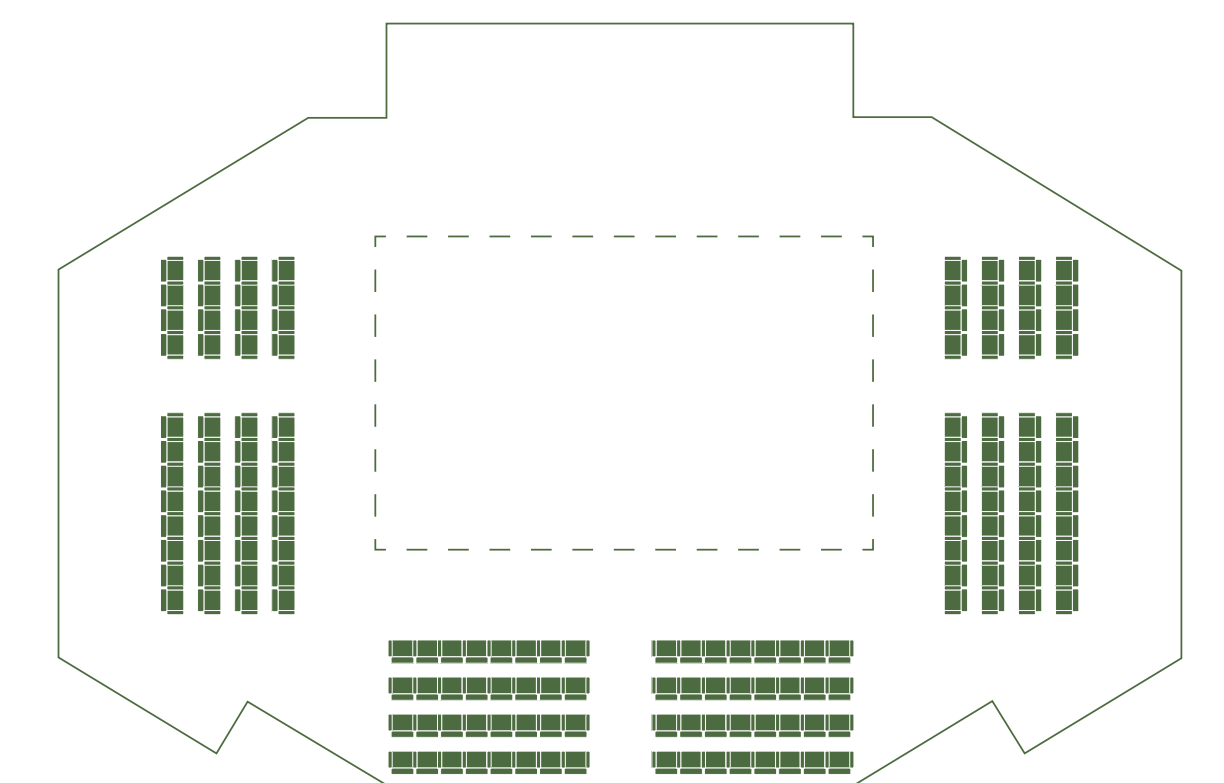
Seating layouts



Theatre Block

Seating Layouts

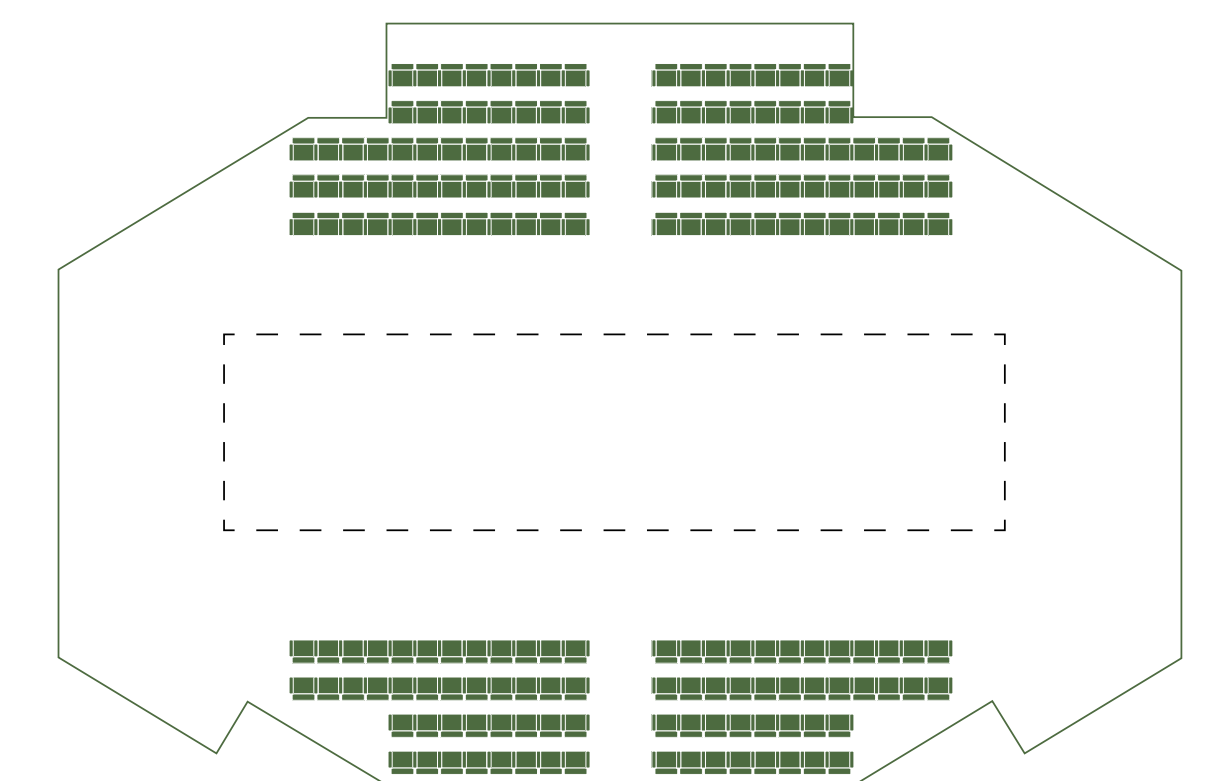
Thrust stage



Theatre Block

Seating Layouts

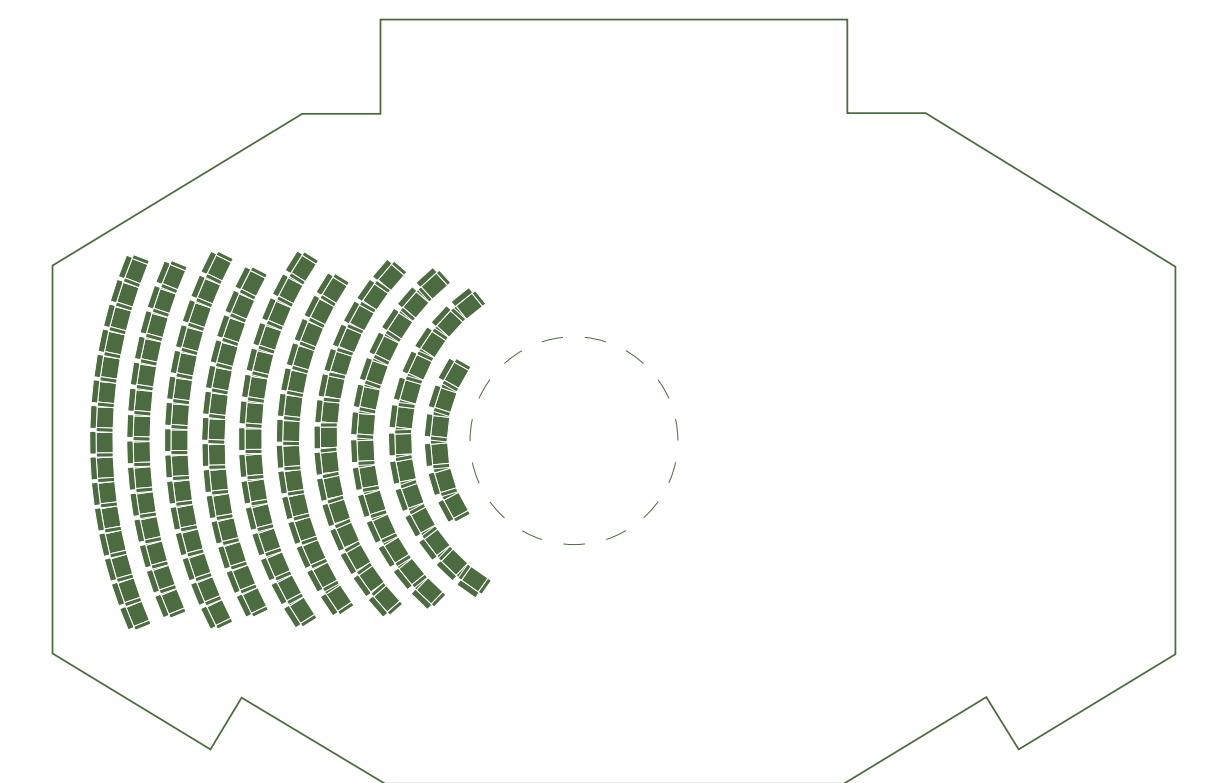
Runway



Theatre Block

Seating Layouts

Round stage



Theatre Block

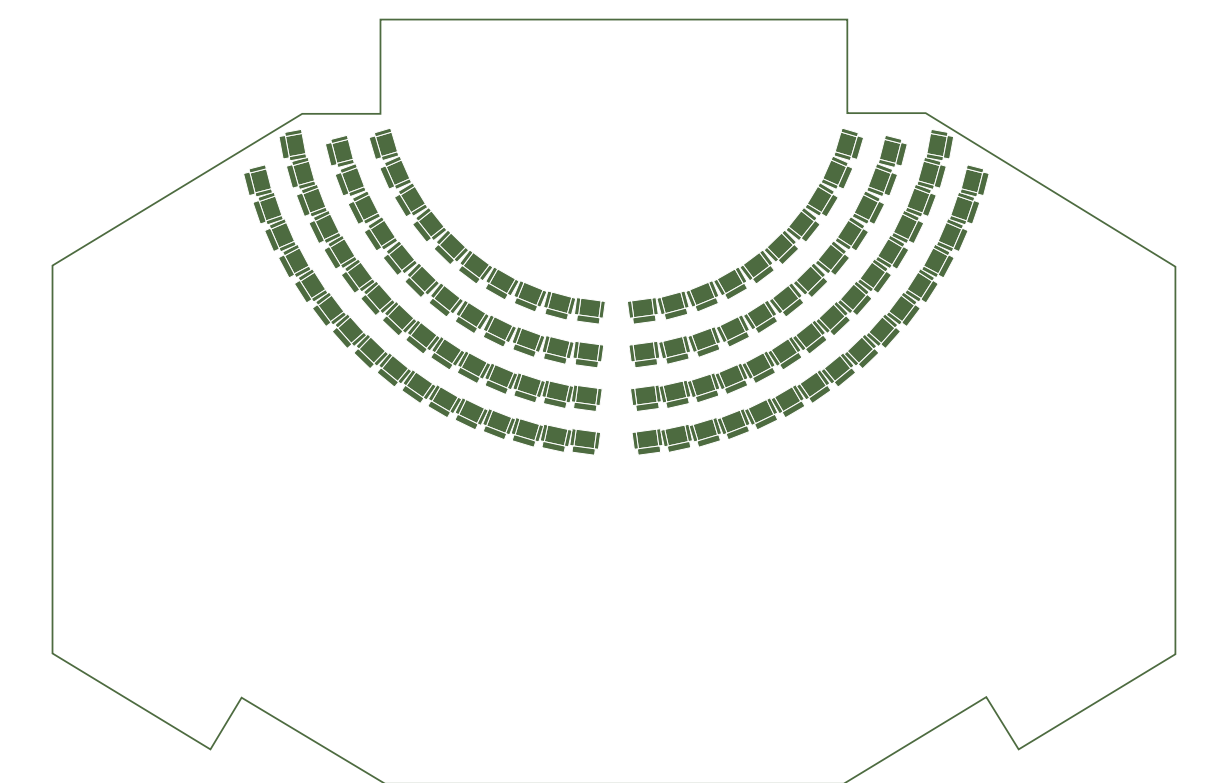
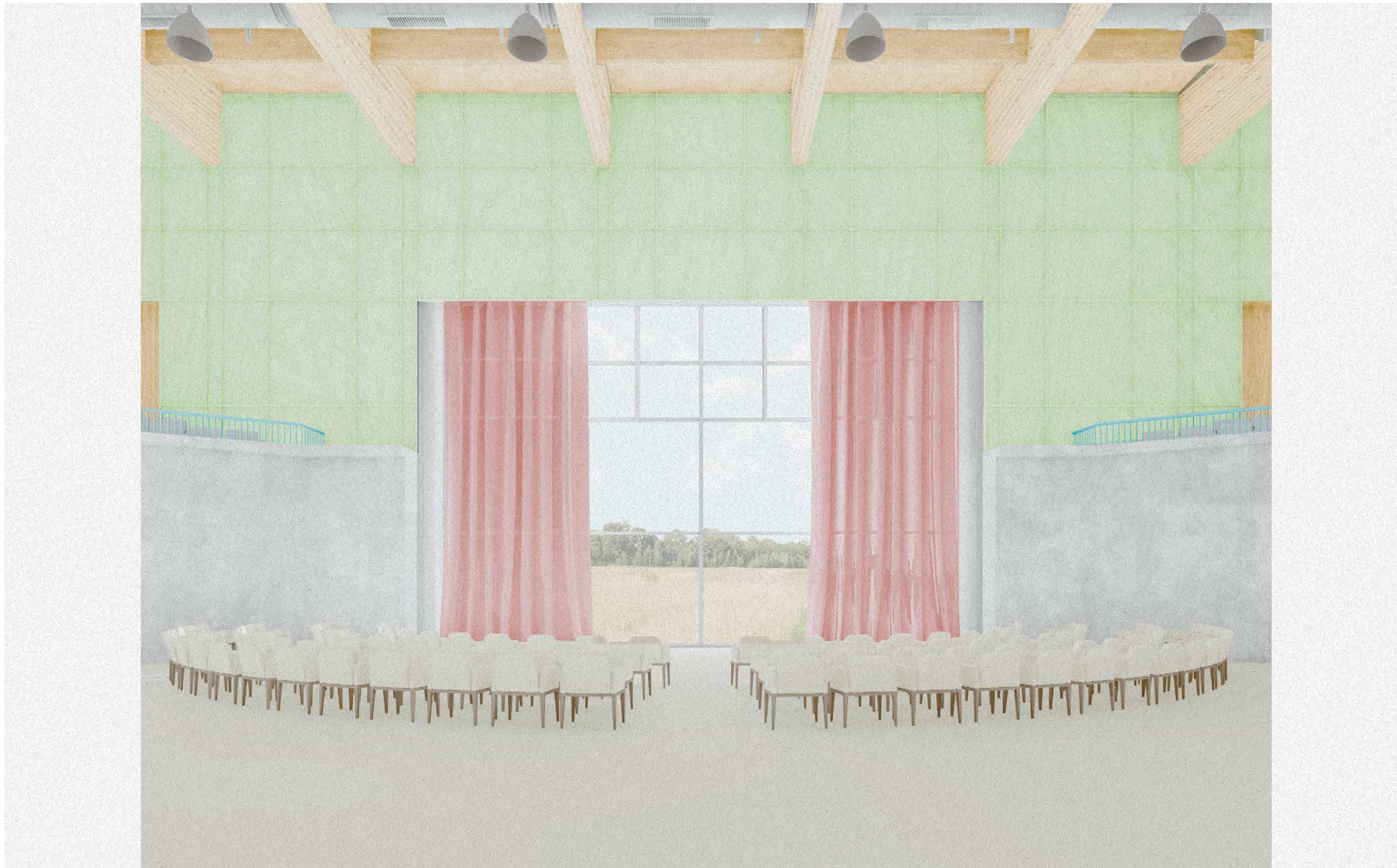
Friche Window



Theatre Block

Seating Layouts

Friche as a backdrop



Theatre Block

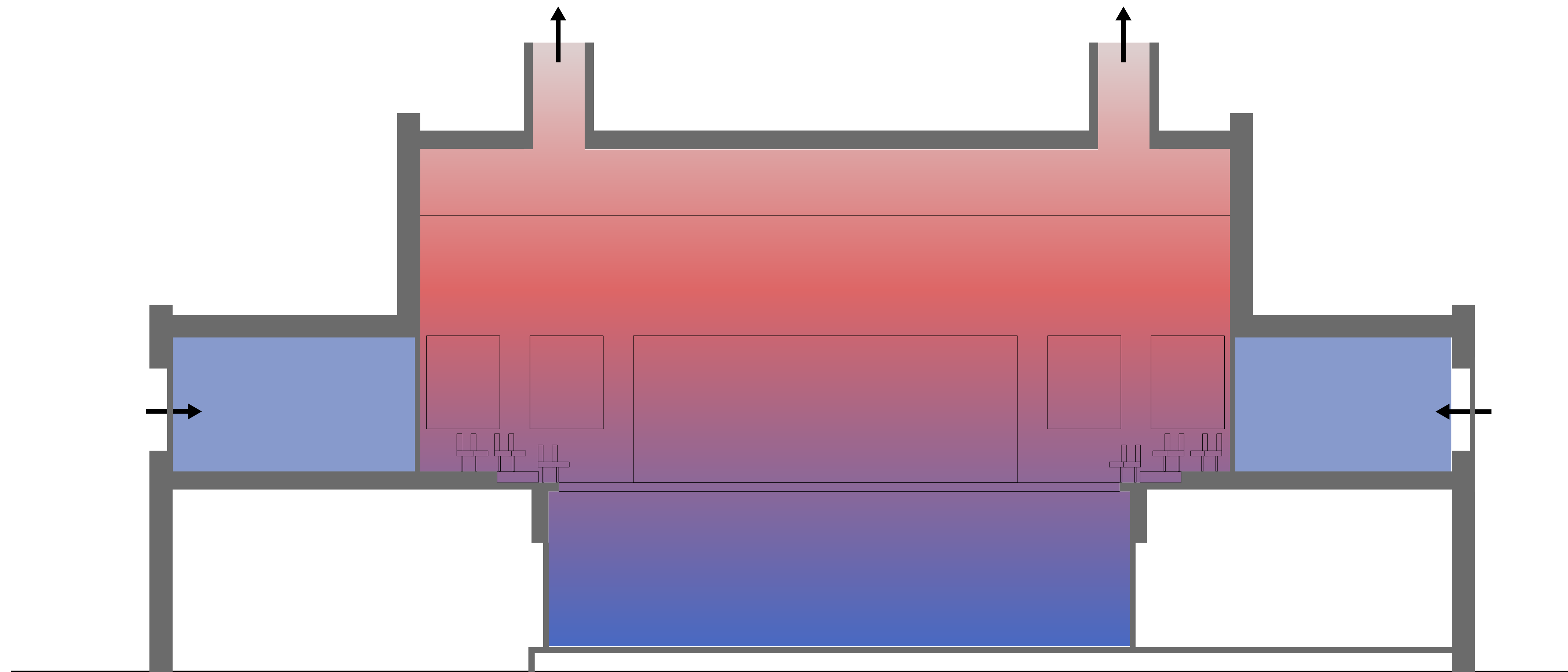
Friche facade

Curtain Wall
Chimneys



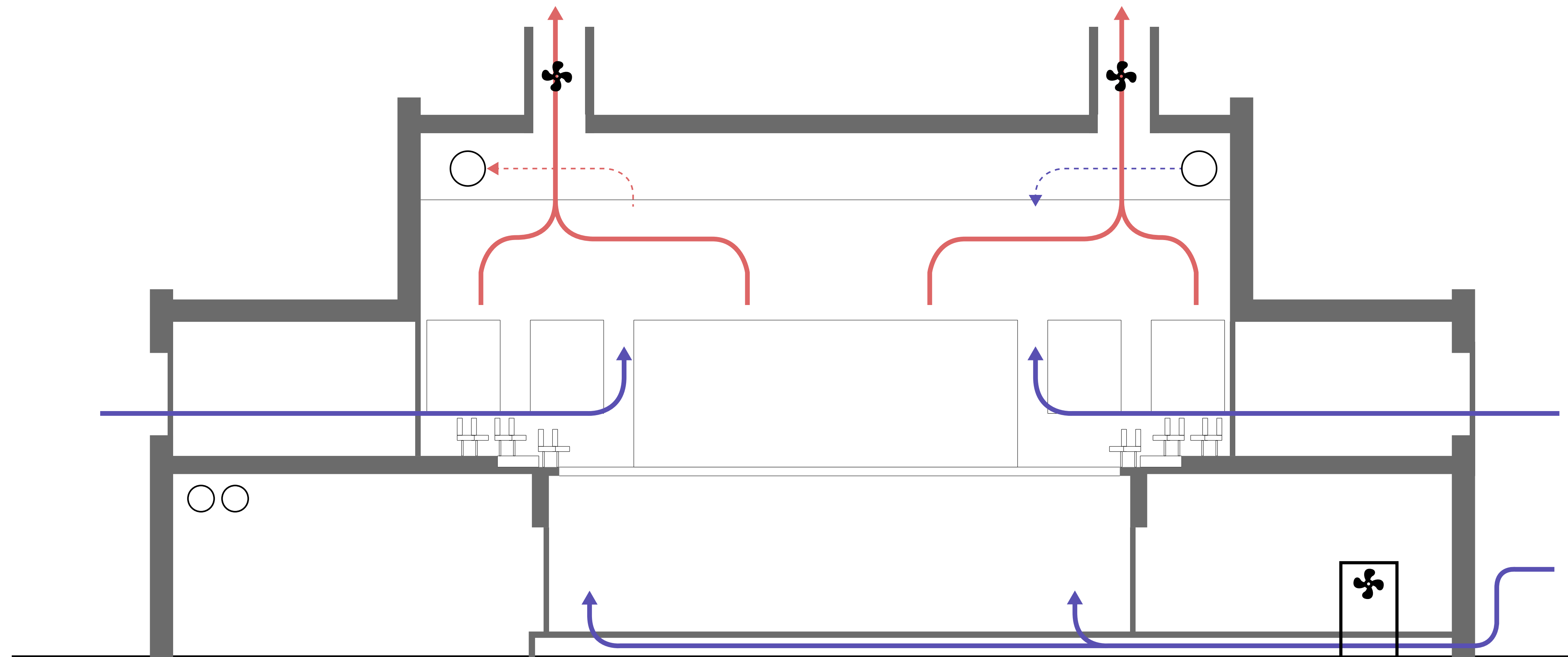
Theatre Block

Passive Stack ventilation



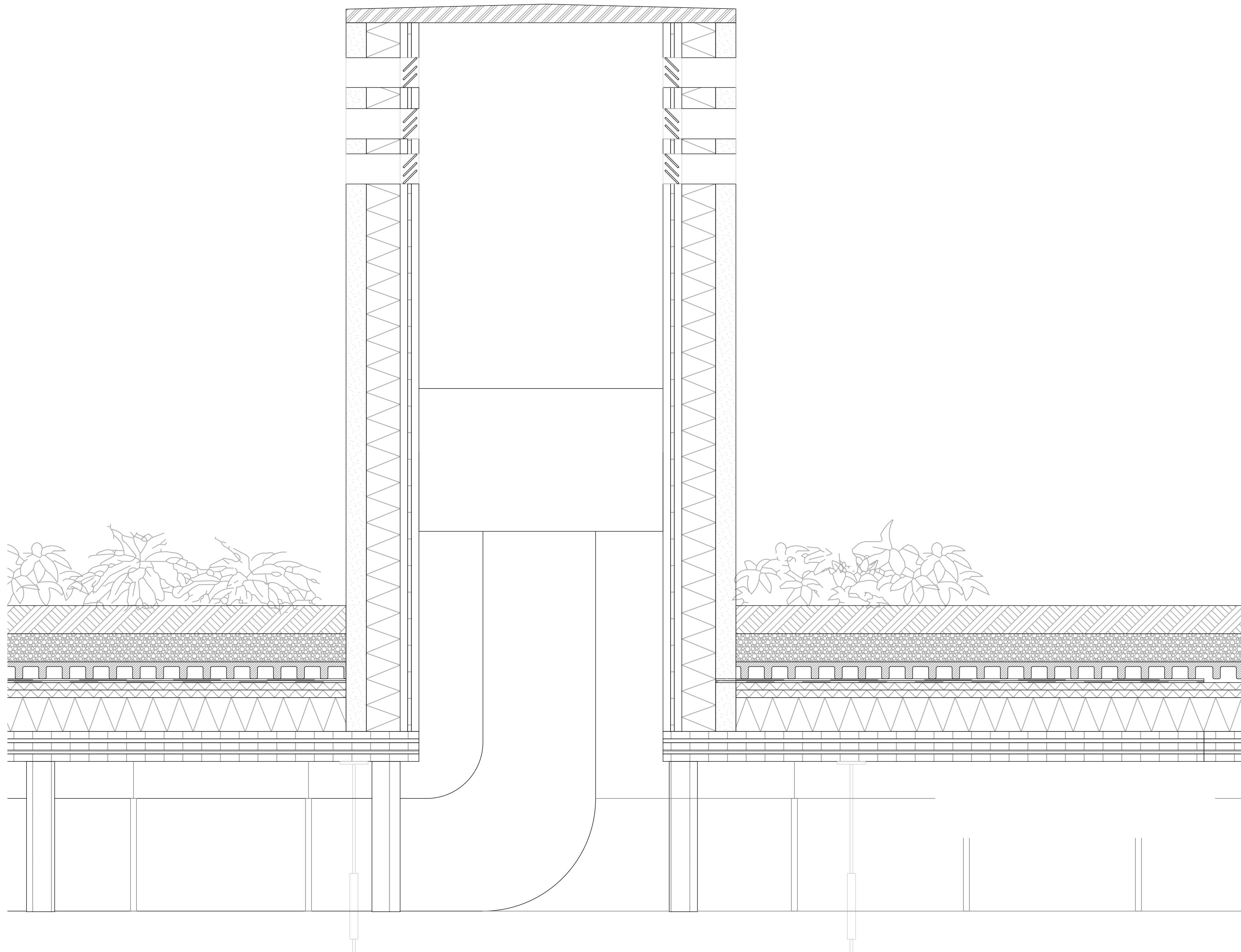
Theatre Block

Hybrid Stack ventilation



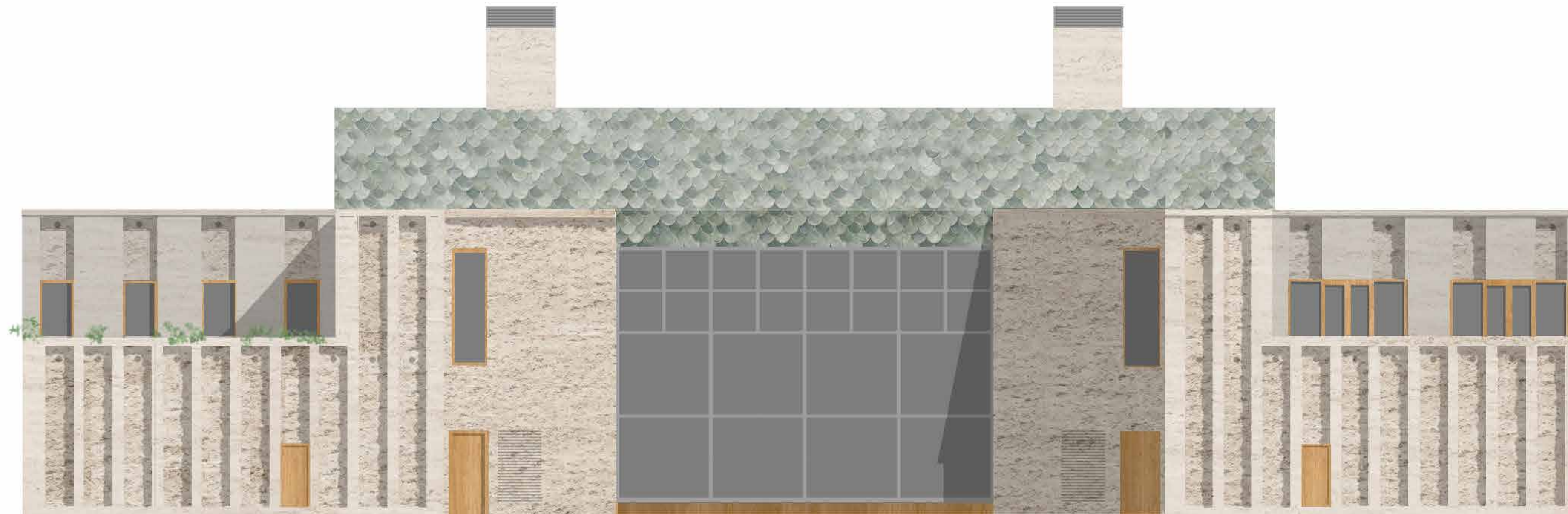
Theatre Block

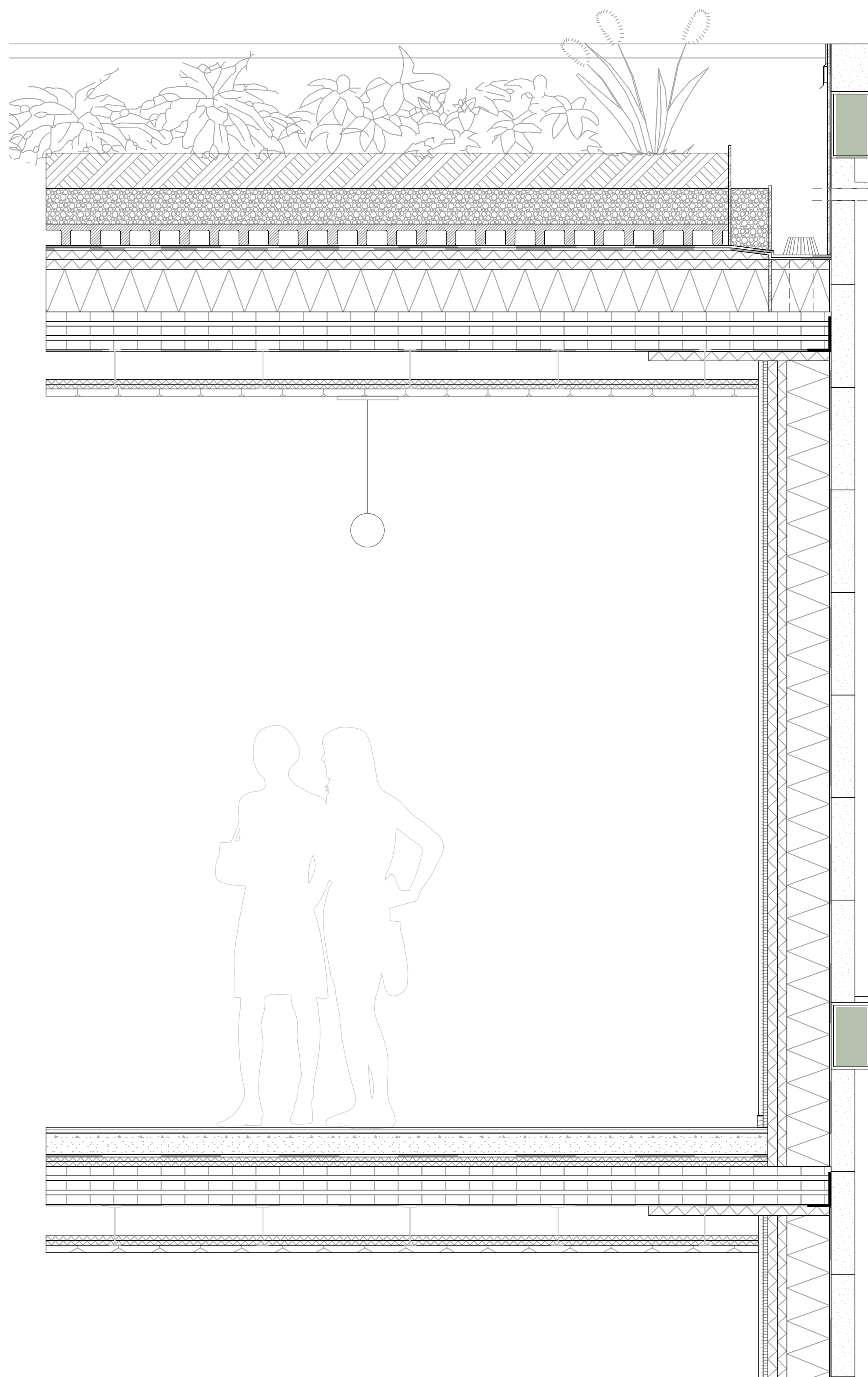
Ventilation chimneys



Friche facade

Closed volume
Terraces
Curtain wall



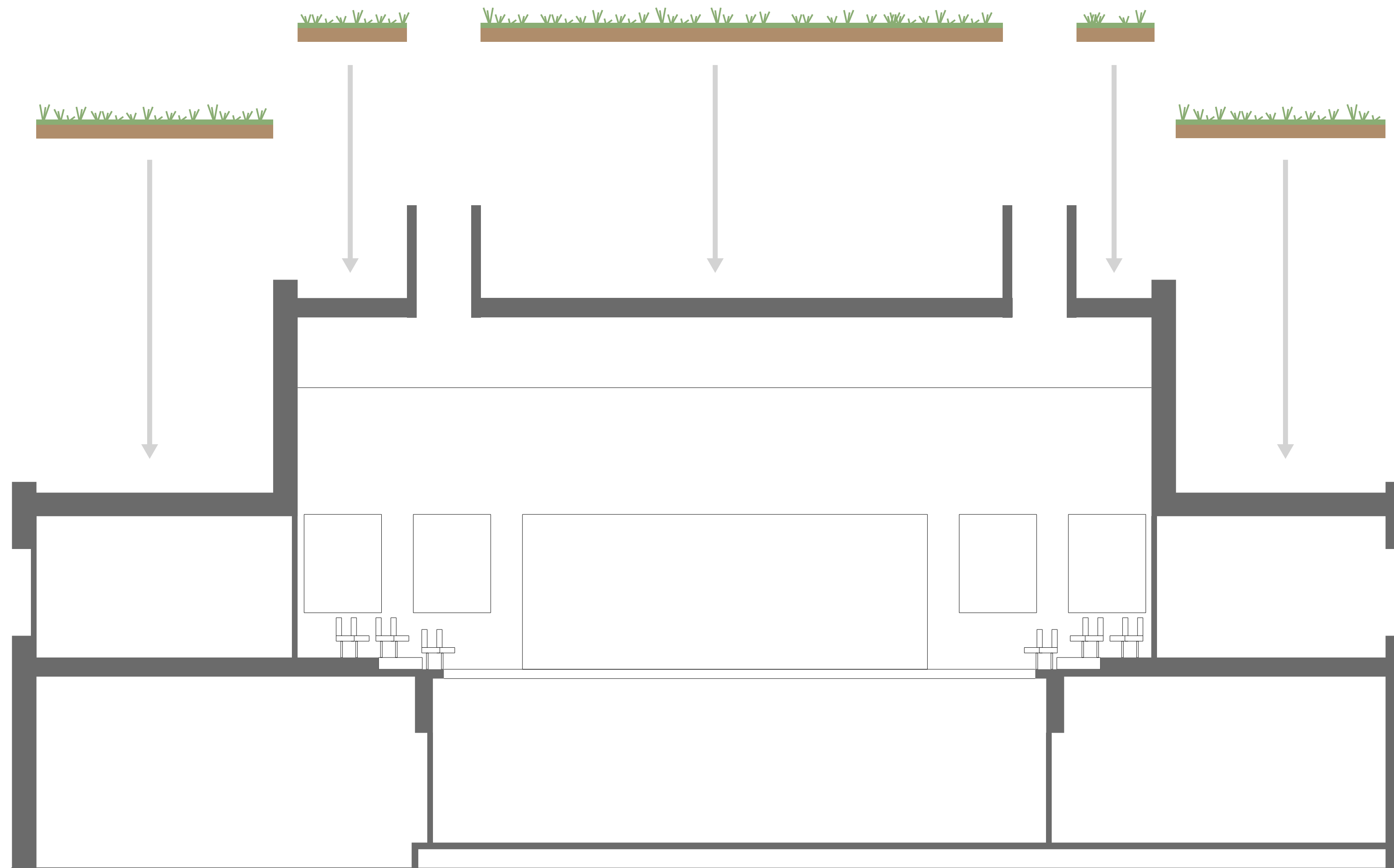


Friche facade

Integrating nesting sites

Theatre Block

Brow roof





Public building as a gate
to the Friche

Providing legitimacy in the
eyes of the city

Sheltering vulnerable
cultural groups

