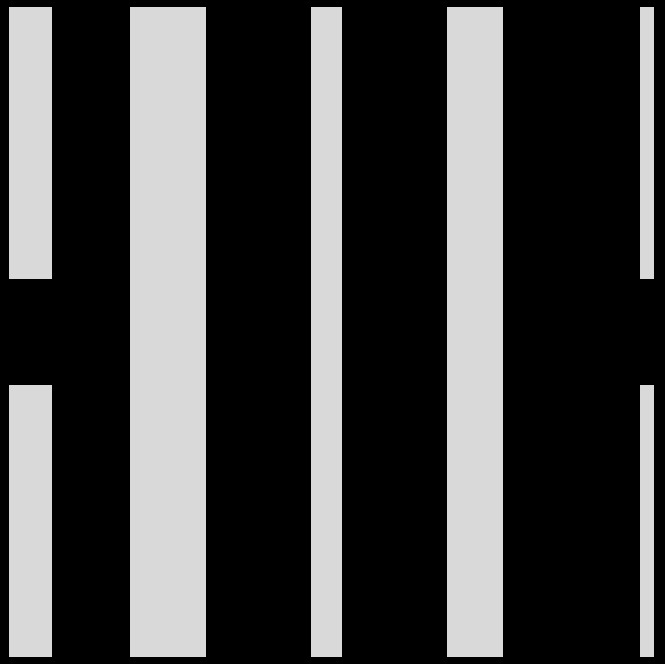
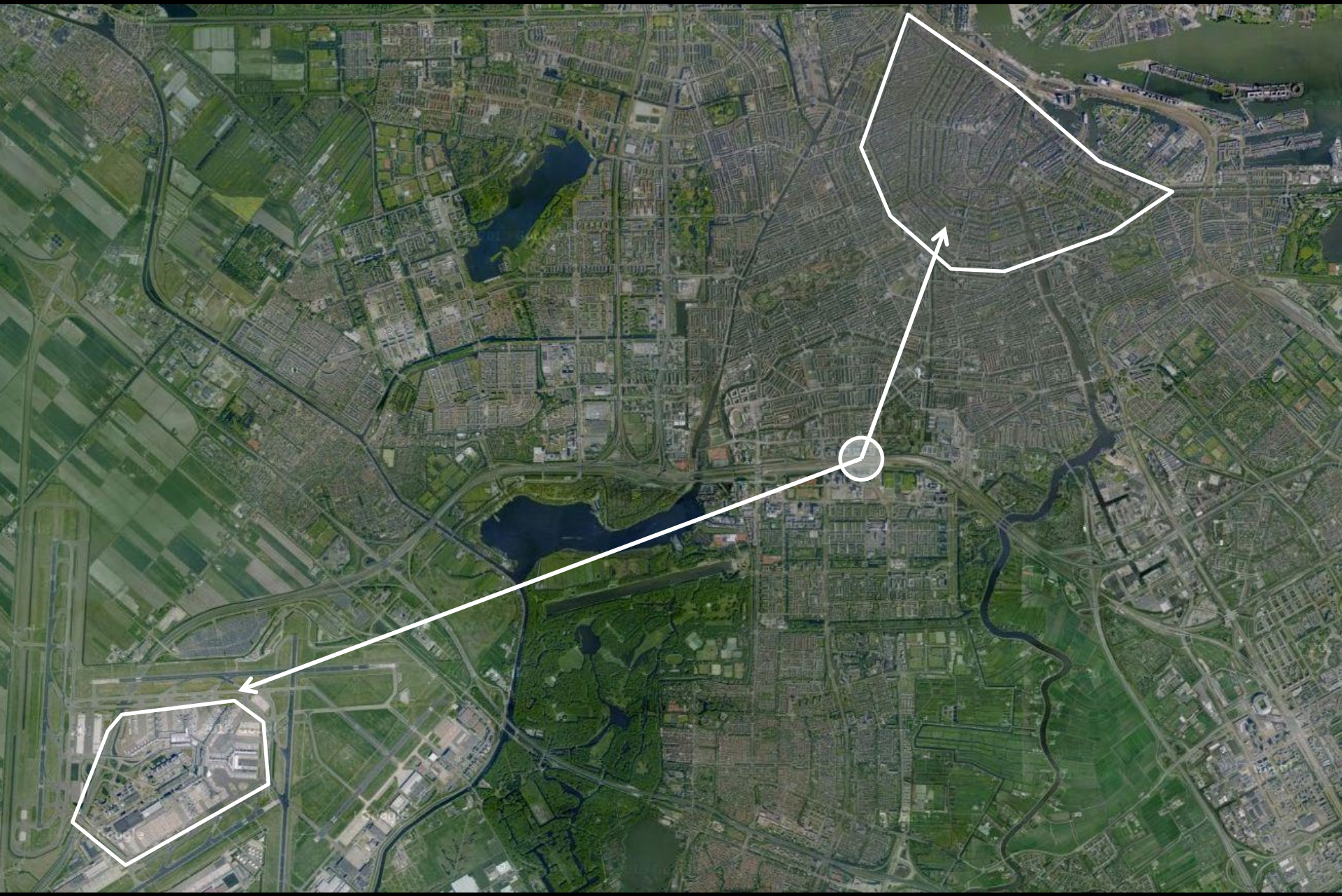
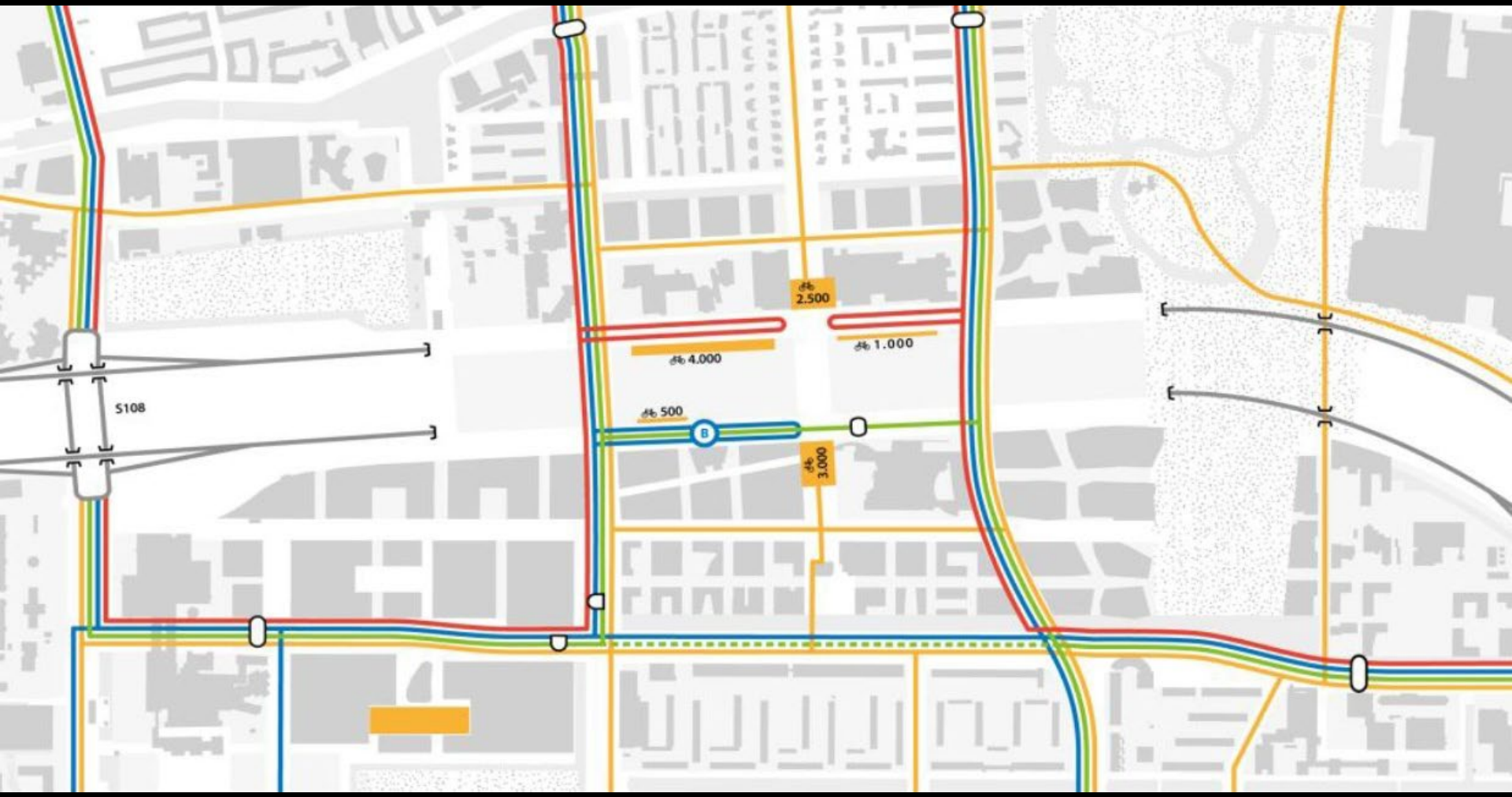
MOVEMENT



STASIS

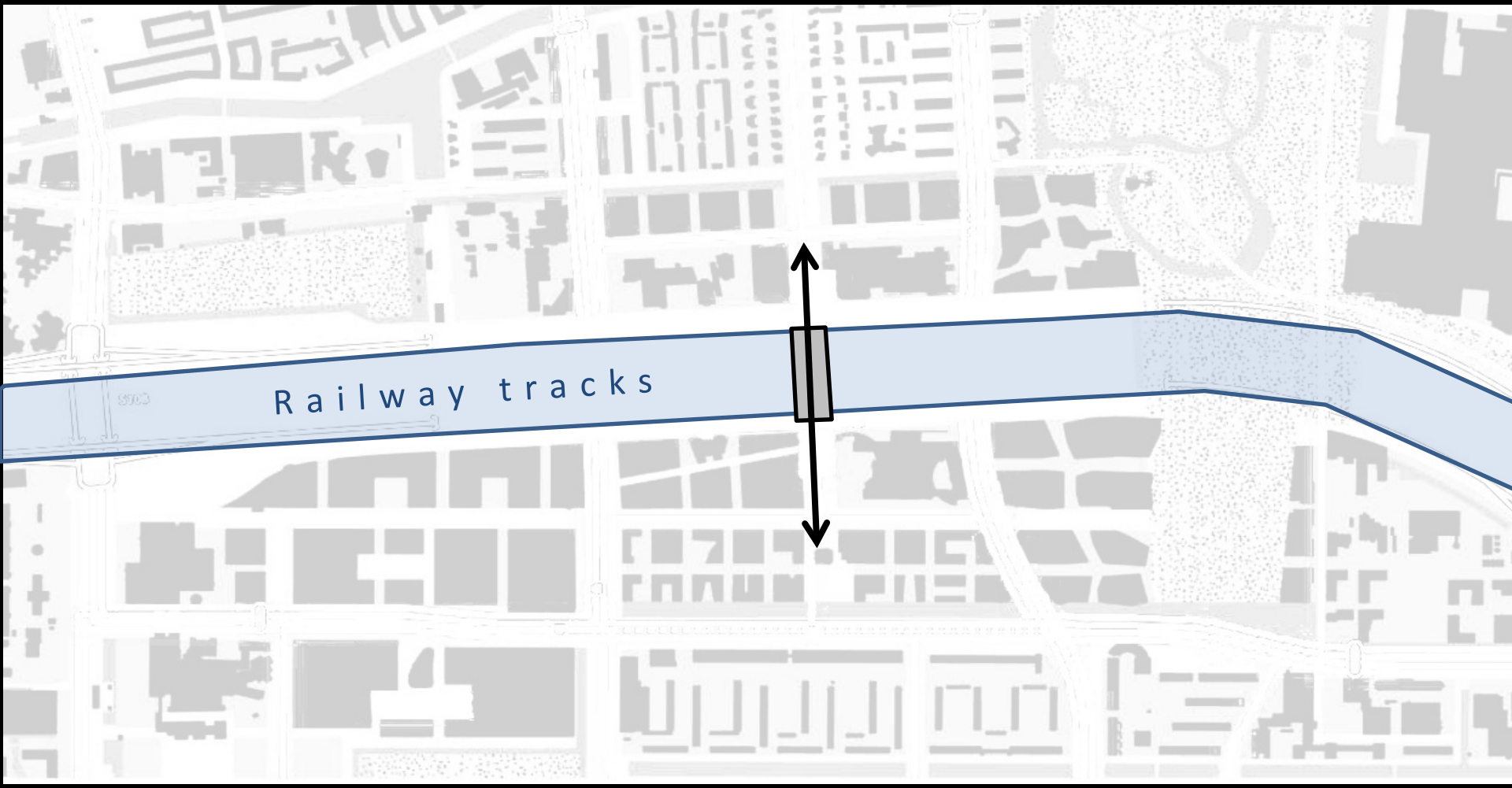
Context

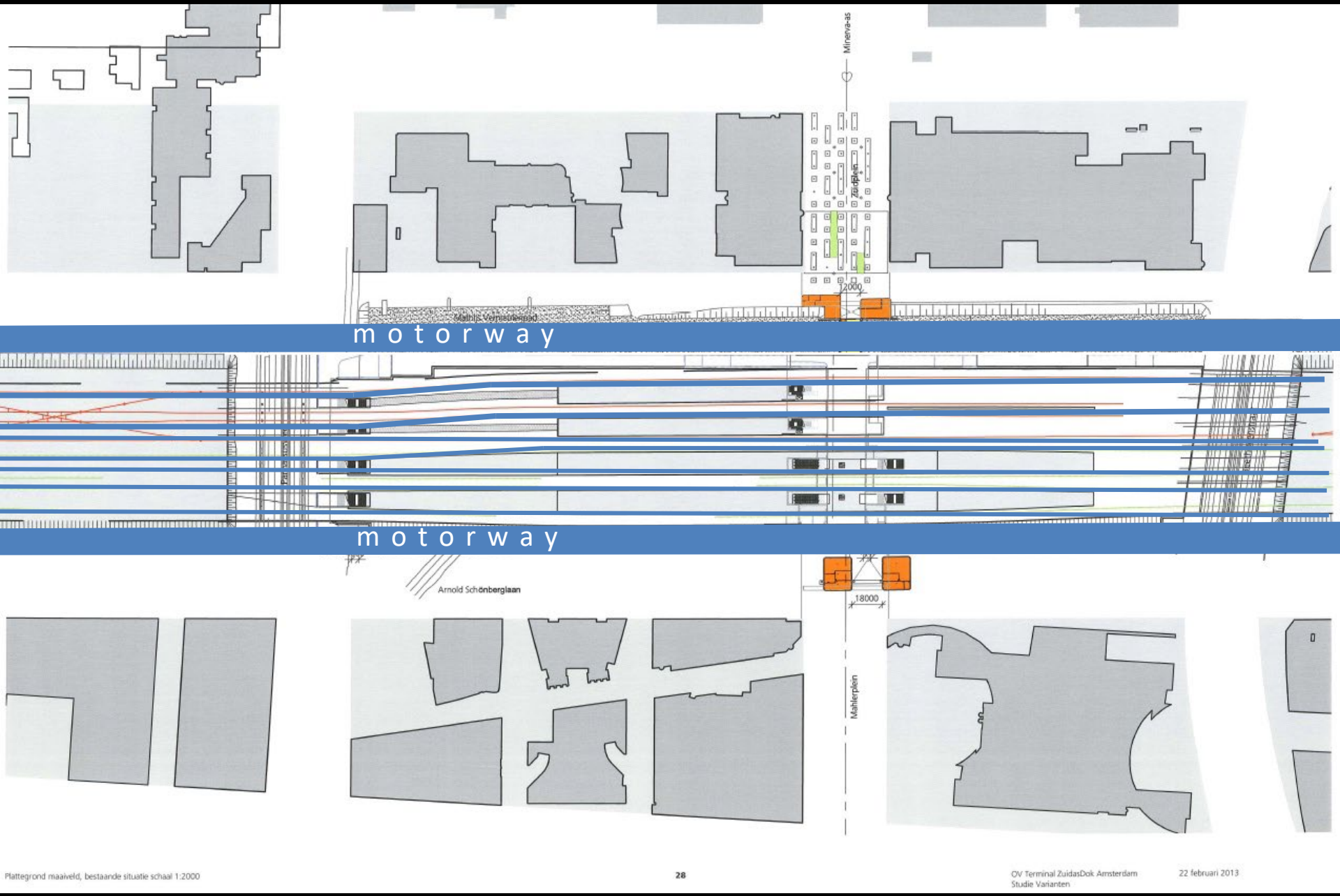




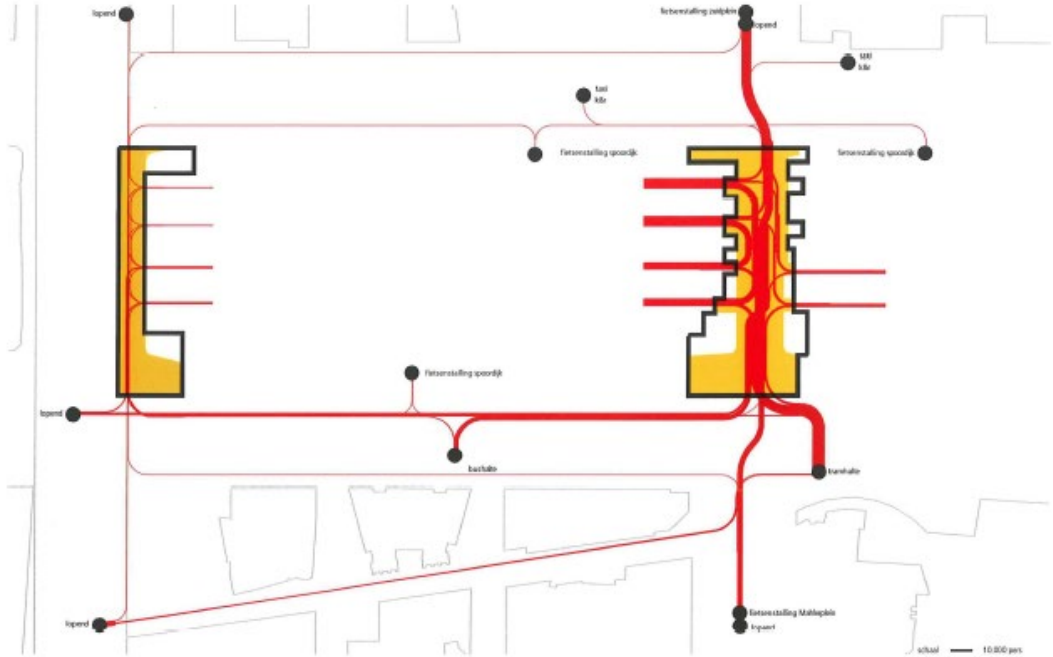
Verkeersstructuur MLT

- Auto, primair
- Tram
- Bus
- Langzaam verkeer
- OV-halte enkelzijdig
- OV-halte dubbelzijdig
- Busstation
- Parkeren (fiets)
- 500 Parkeerplaatsen fiets
- A10 en tunnelmond

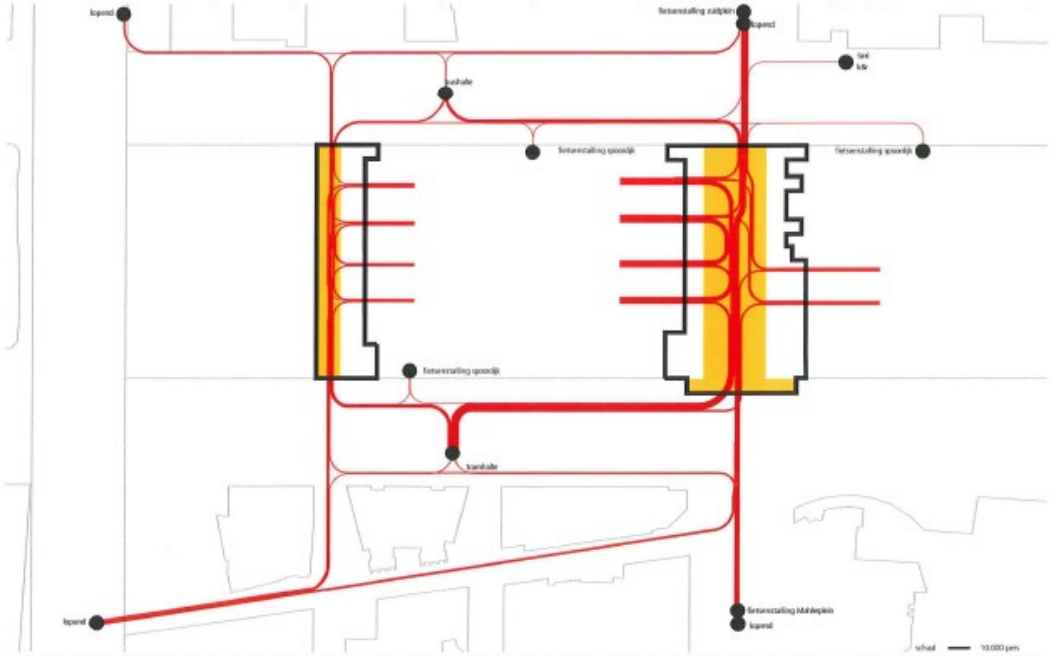

Railway tracks


Minerva-as
Zuidplein
12000
motorway
motorway
Arnold Schönberglaan
18000
Mahlerplein
Plattegrond maaiveld, bestaande situatie schaal 1:2000
28
OV Terminal ZuidasDok Amsterdam
Studie Varianten
22 februari 2013

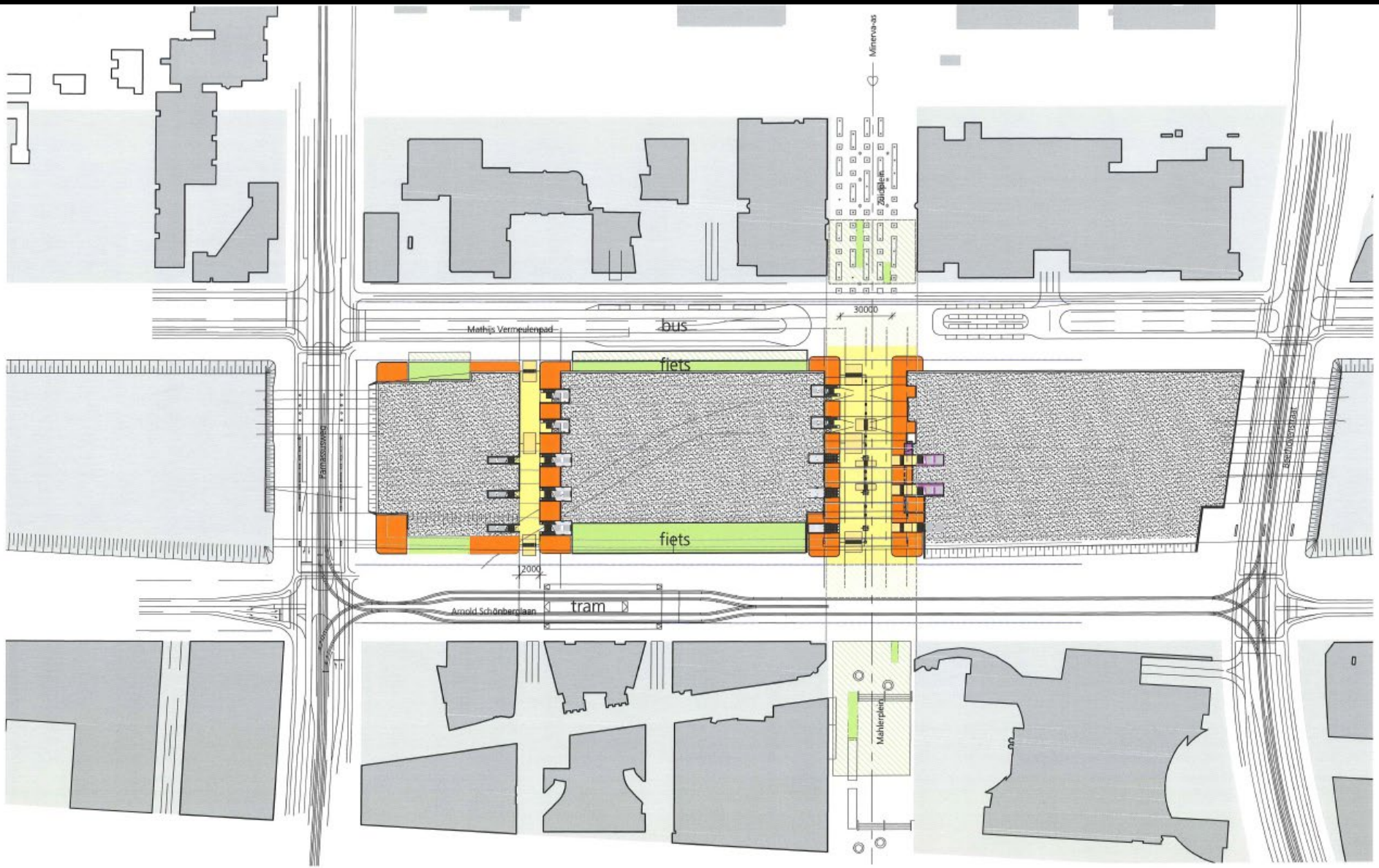
ZuidasDok’s Proposal



Amsterdam Zuidasdok Baseline, reizigersstromen bij 2 metro's en 2 treinen bij binnenkomst op dezelfde minuut (kans 5%), het aantal in- en uitstappers zijn gemiddelde per vervoertuig

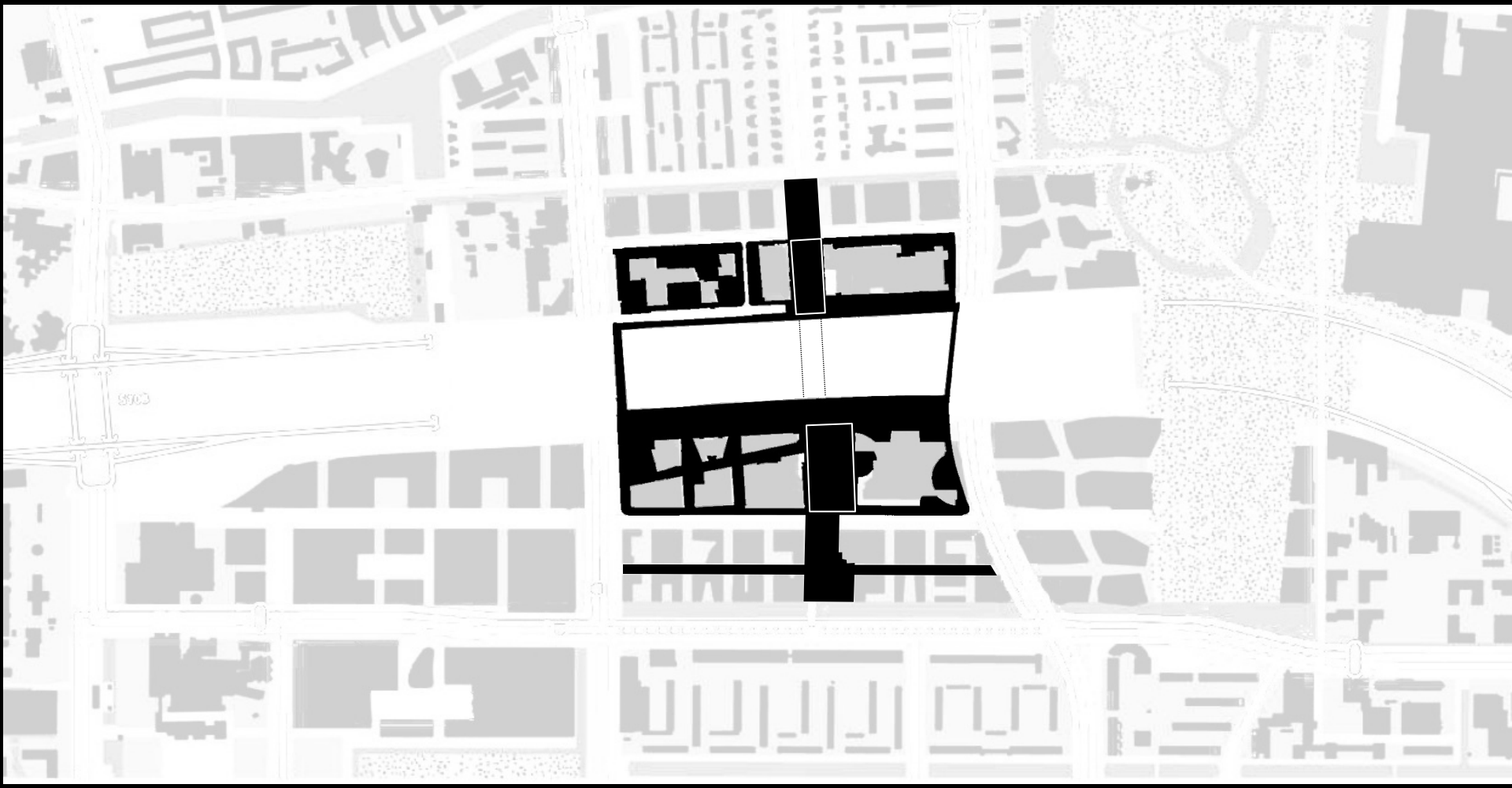


Amsterdam Zuidasdok Variant 4, reizigersstromen bij 2 metro's en 2 treinen bij binnenkomst op dezelfde minuut (kans 5%), het aantal in- en uitstappers zijn gemiddelde per vervoertuig



Plattegrond maaiveld, variant 05 schaal 1:2000

Critical approach and thinking



A pedestrian priority street enhance staying, social activities

Jan Gehl


Fratelli PICCIN
CAPPELLI
VINCENTI


Heineken Beer
Il Salotto
Henninger BIER

Research support

How STASIS and MOVEMENT relate to each other?

Public space Station or Street

"Walking is first and foremost a type of transportation, a way to get around, but it also provides an informal and uncomplicated possibility for being present in the public environment."

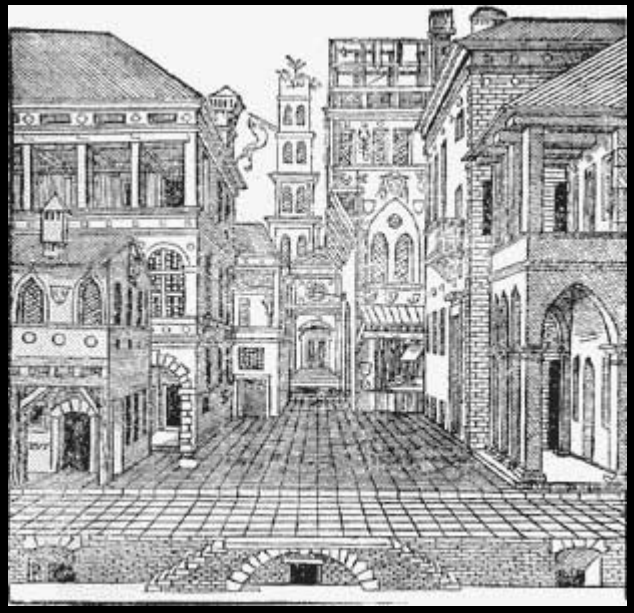
Jan Gehl

"Passerby are users...too"

William Whyte

“People moving is one of the greatest spectale for a public place”

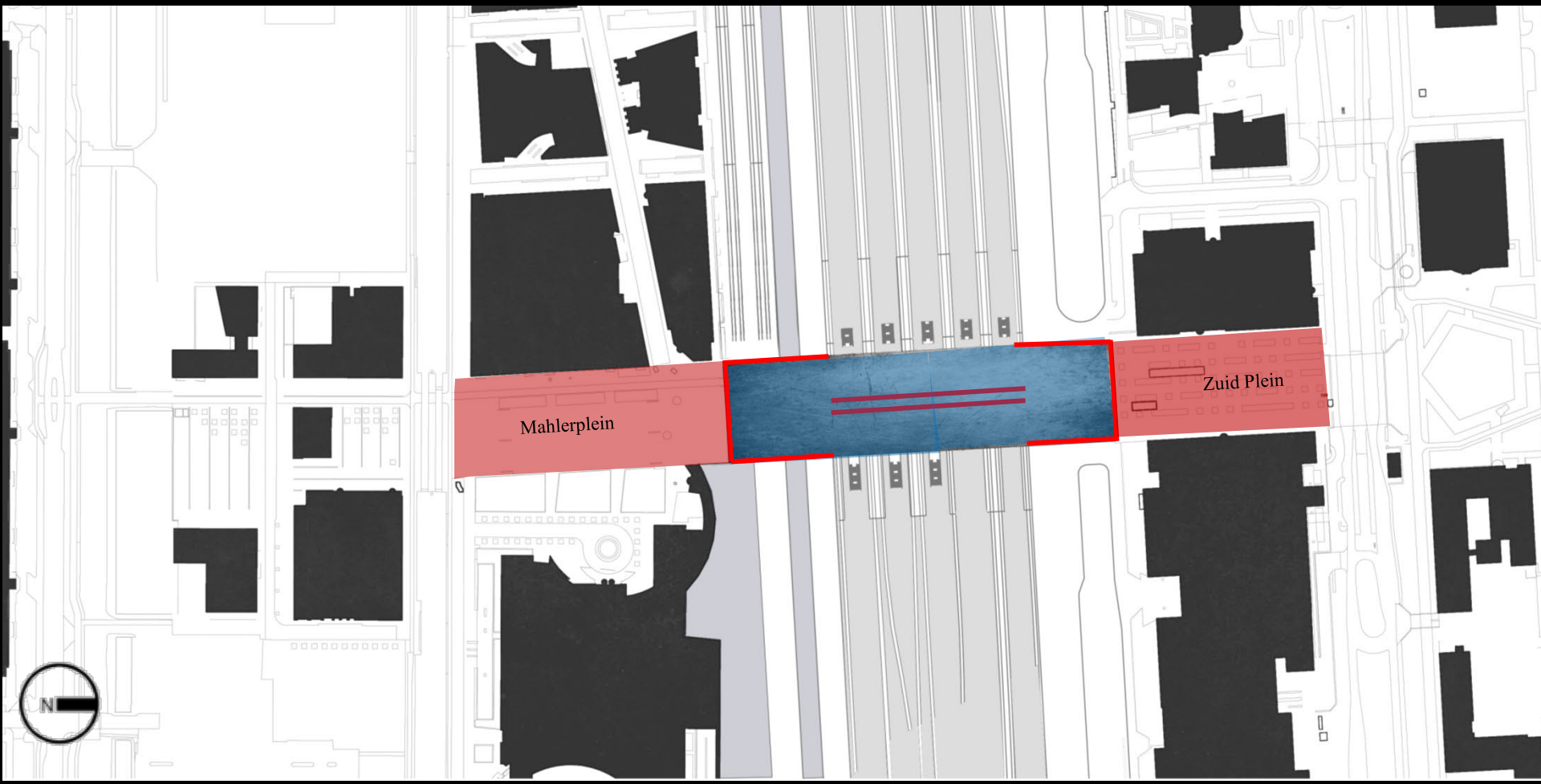
William Whyte

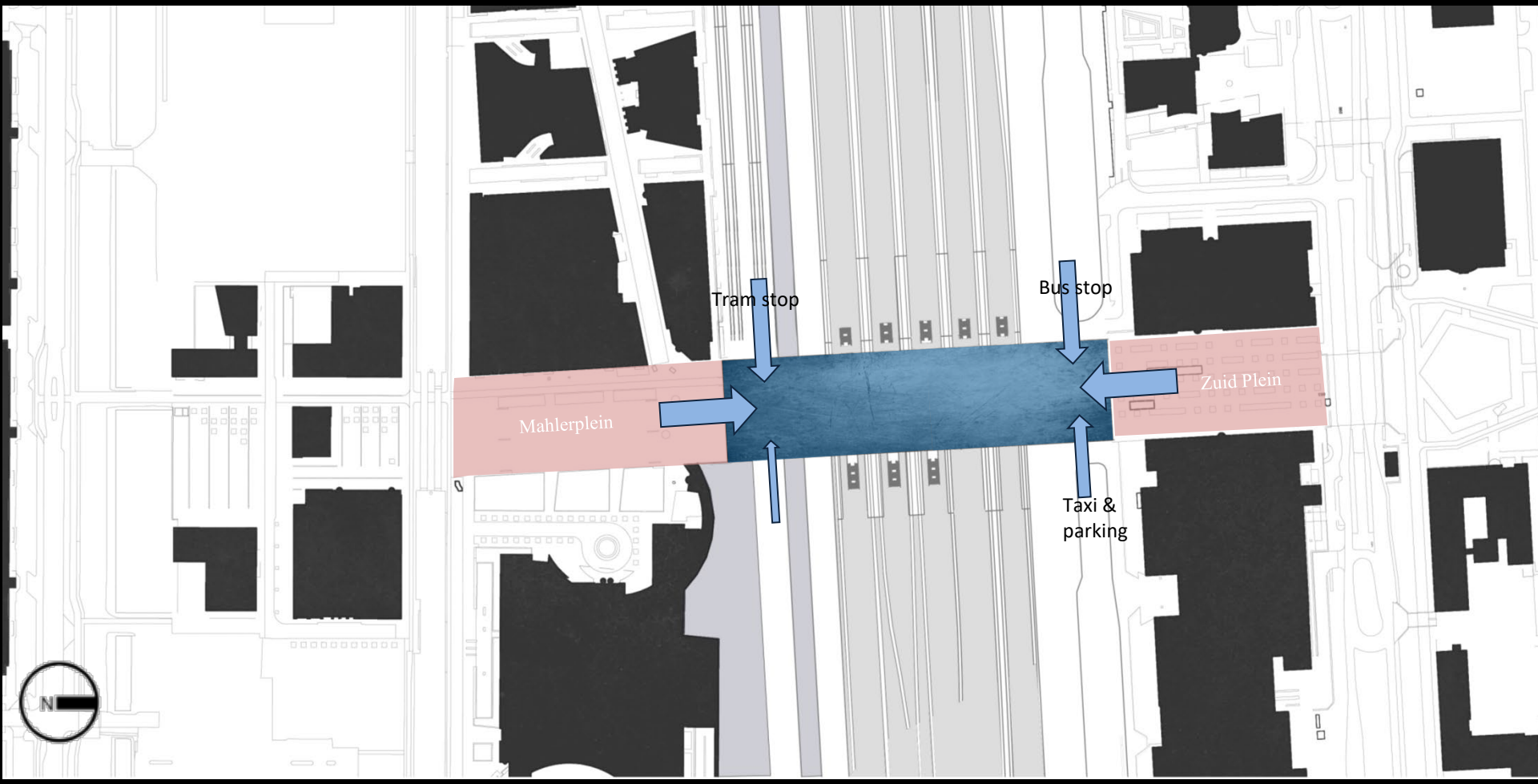


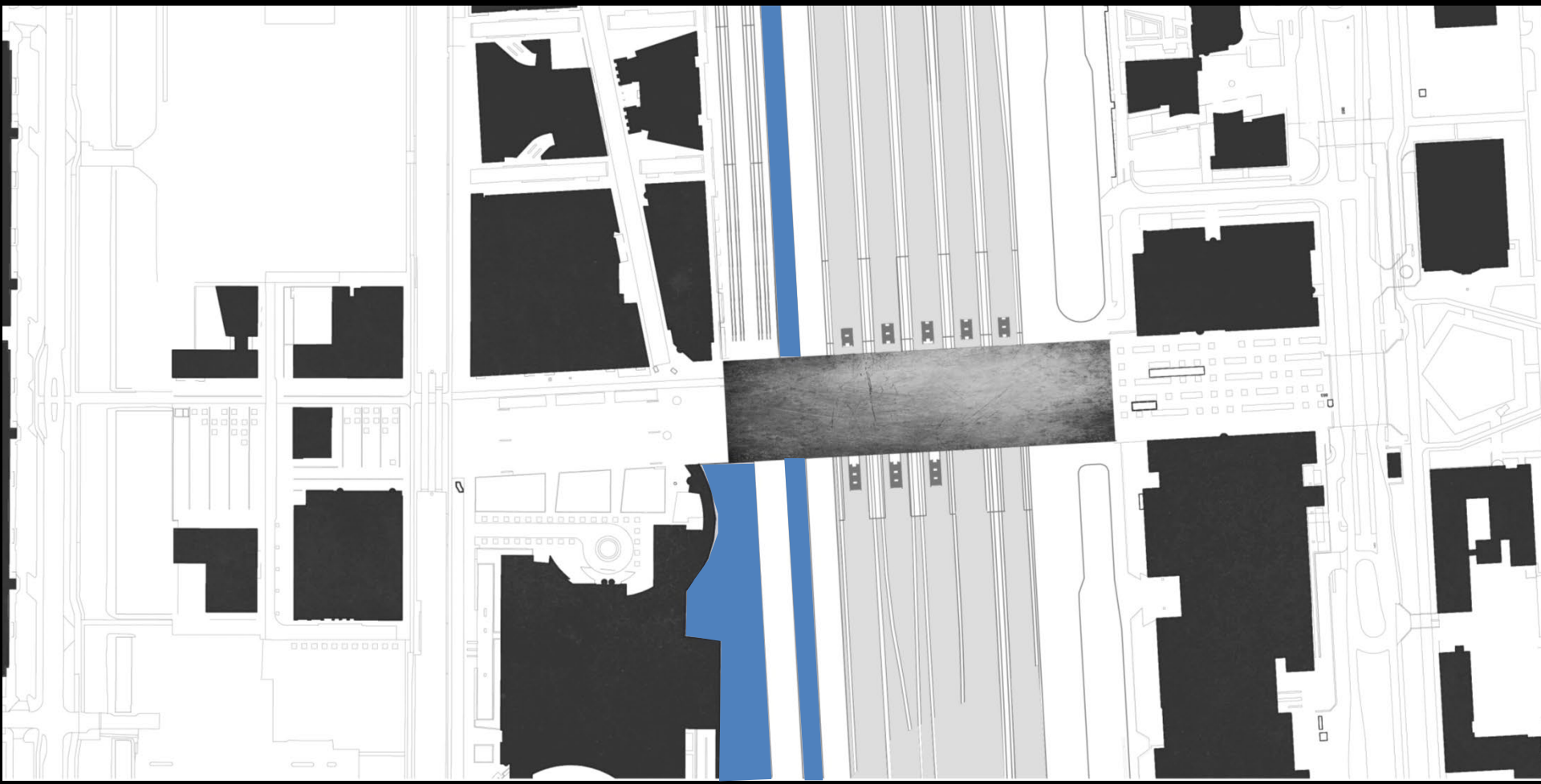
"Serlio, like other architects of his time, and unlike most modern ones, frequently used the theatre as a laboratory for building streets"

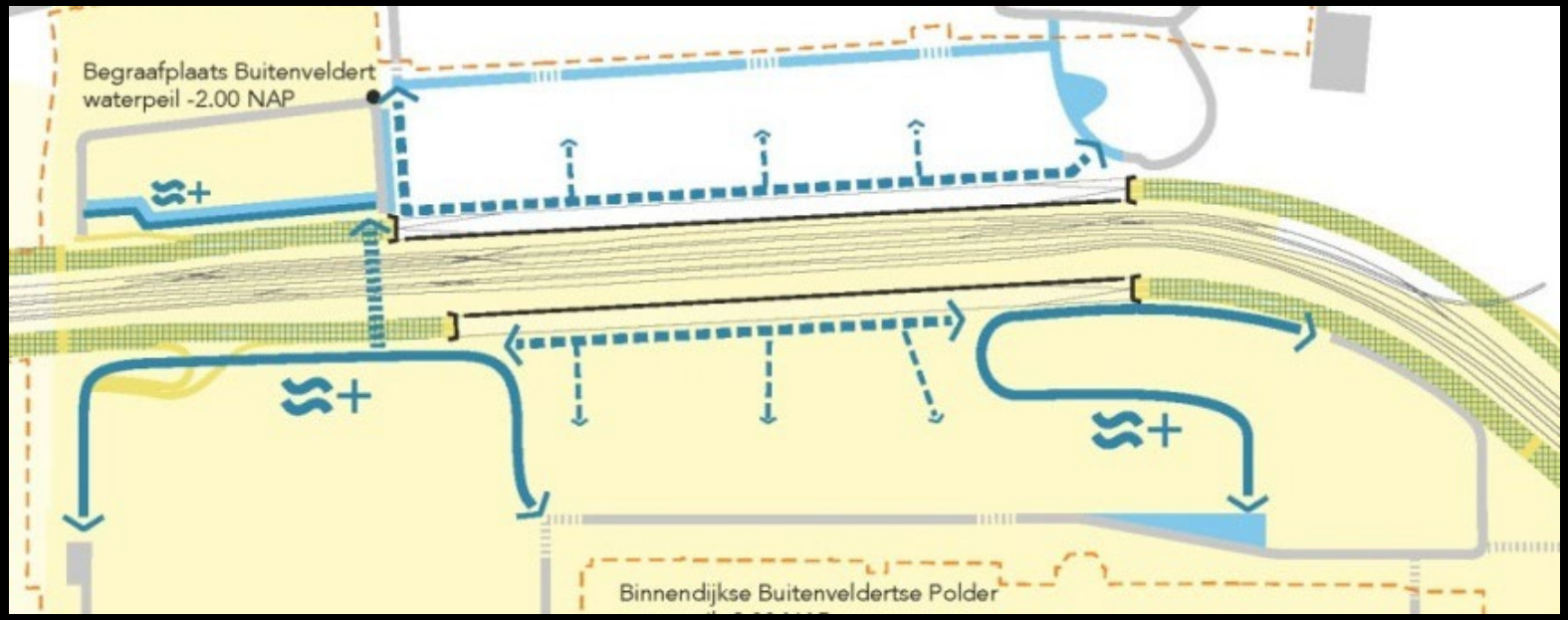
Richard Sennet

Proceeding with project


Mahlerplein
Zuid Plein
N


Tram stop
Bus stop
Mahlerplein
Zuid Plein
Taxi &
parking
N




Begraafplaats Buitenveldert
waterpeil -2.00 NAP
Binnendijkse Buitenveldertse Polder

Research on liminal zone

“Popular zones for staying are found...in the transitional zone between one space and next”

Jan Gehl

“The liminal zone constitutes essentially, the spatial condition for the meeting and dialogue between areas of different orders”

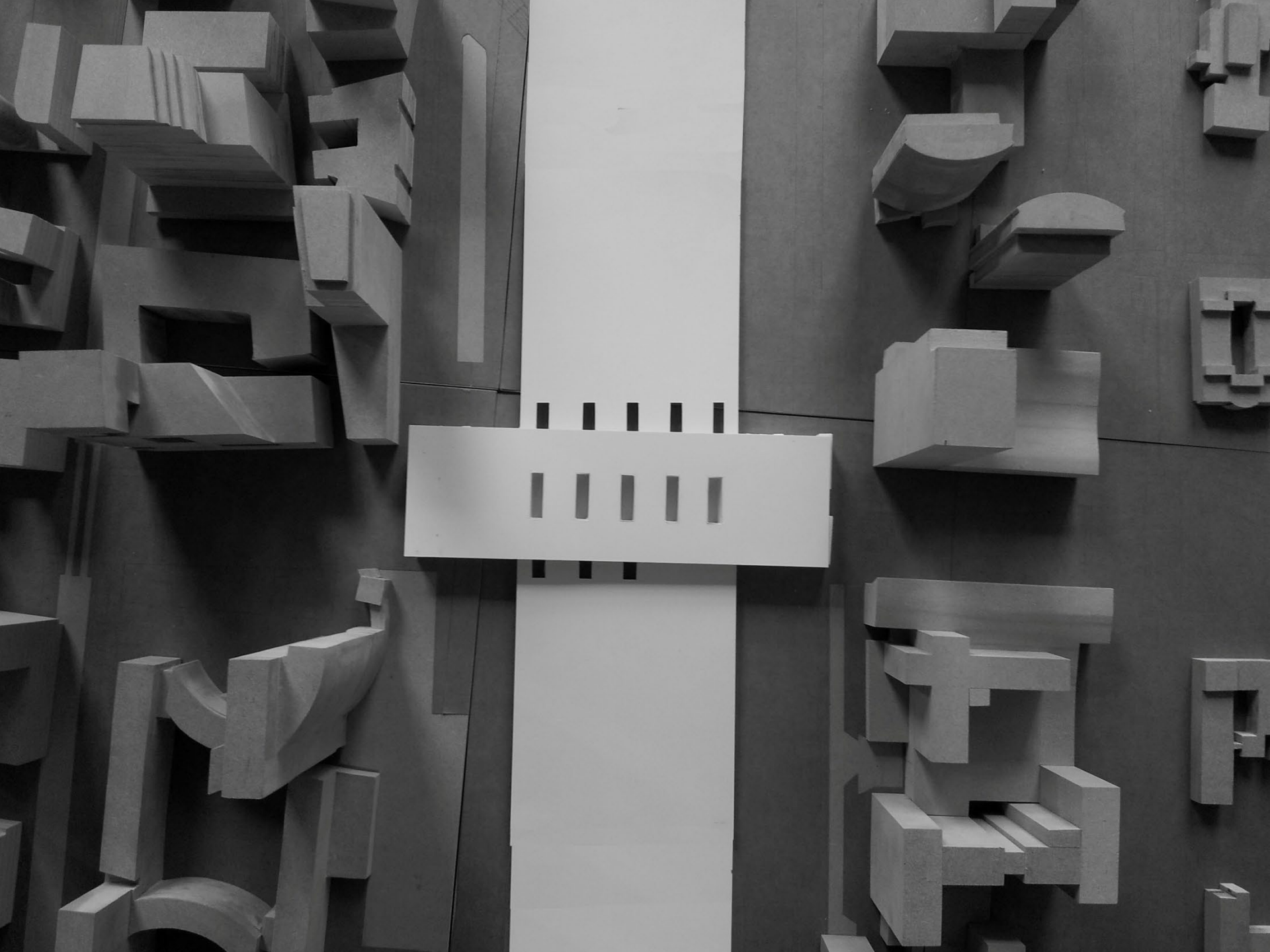
“Entrance, porches, and many other form of in-between spaces provides an opportunity for “accommodation” between adjoining worlds"

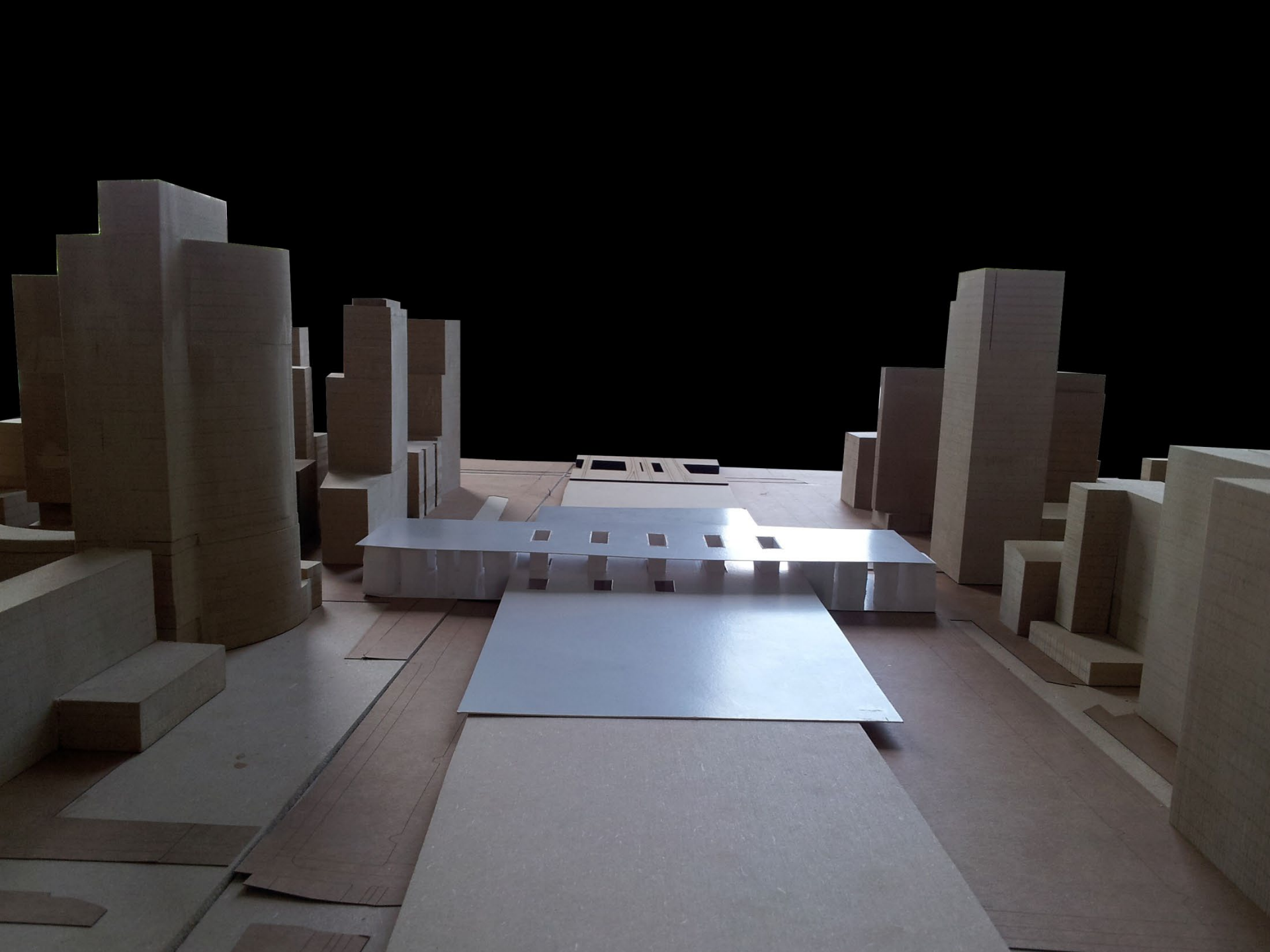
Herman Hertzberger

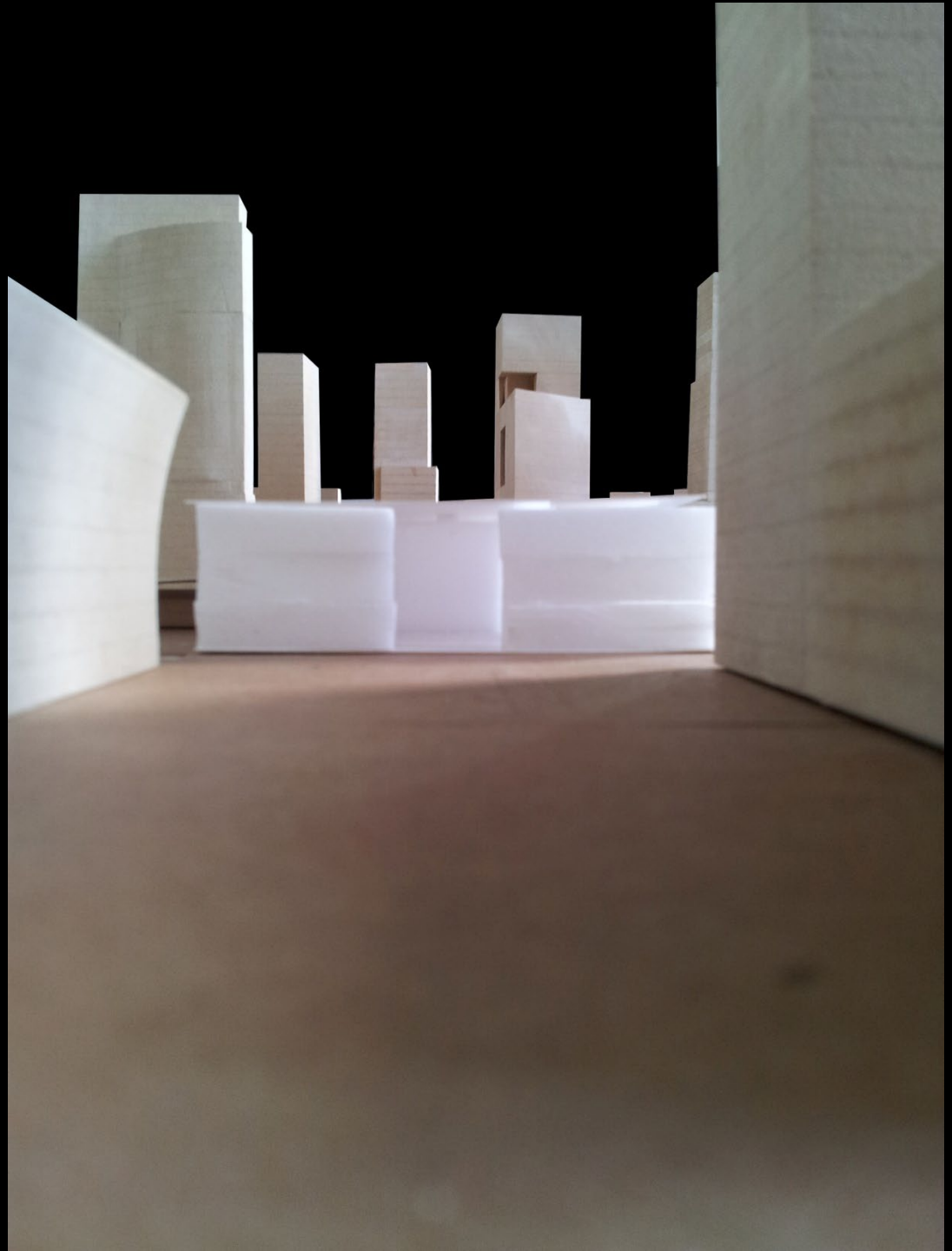

NEW HAVEN LINE DEPARTURES
NEW HAVEN LINE DEPARTURES

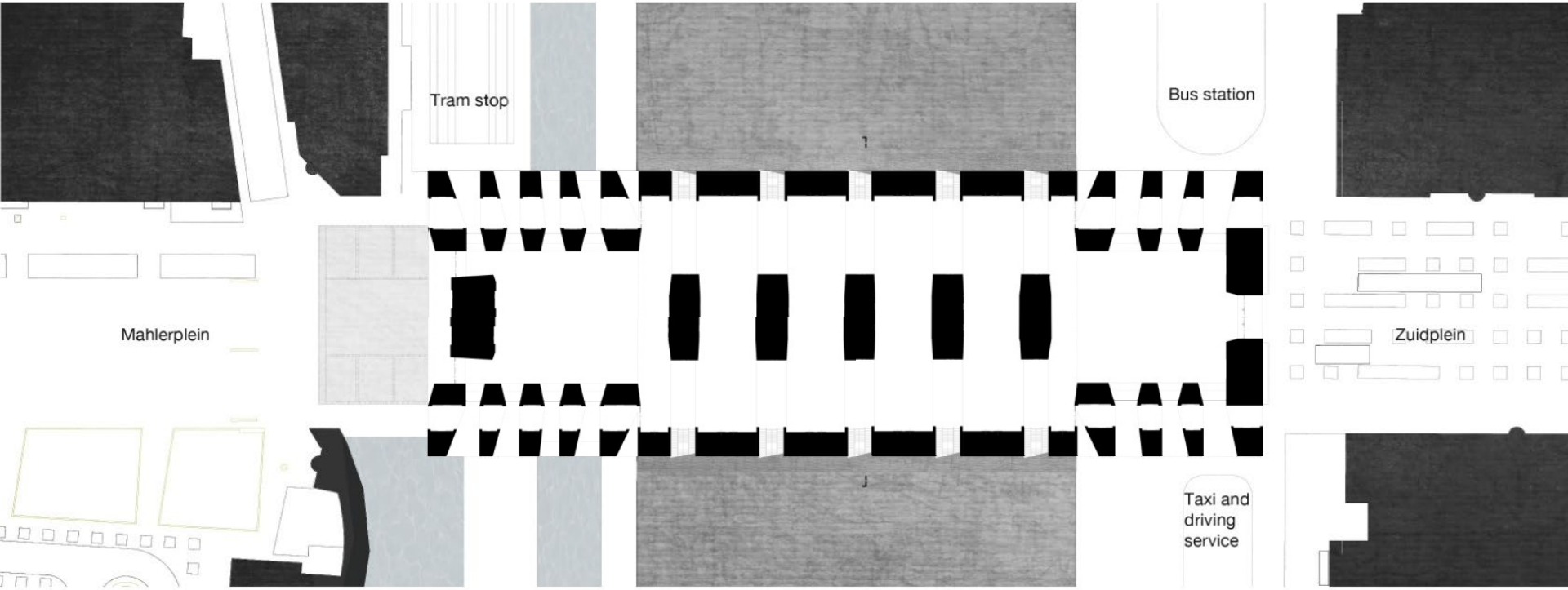
Carving building space


N





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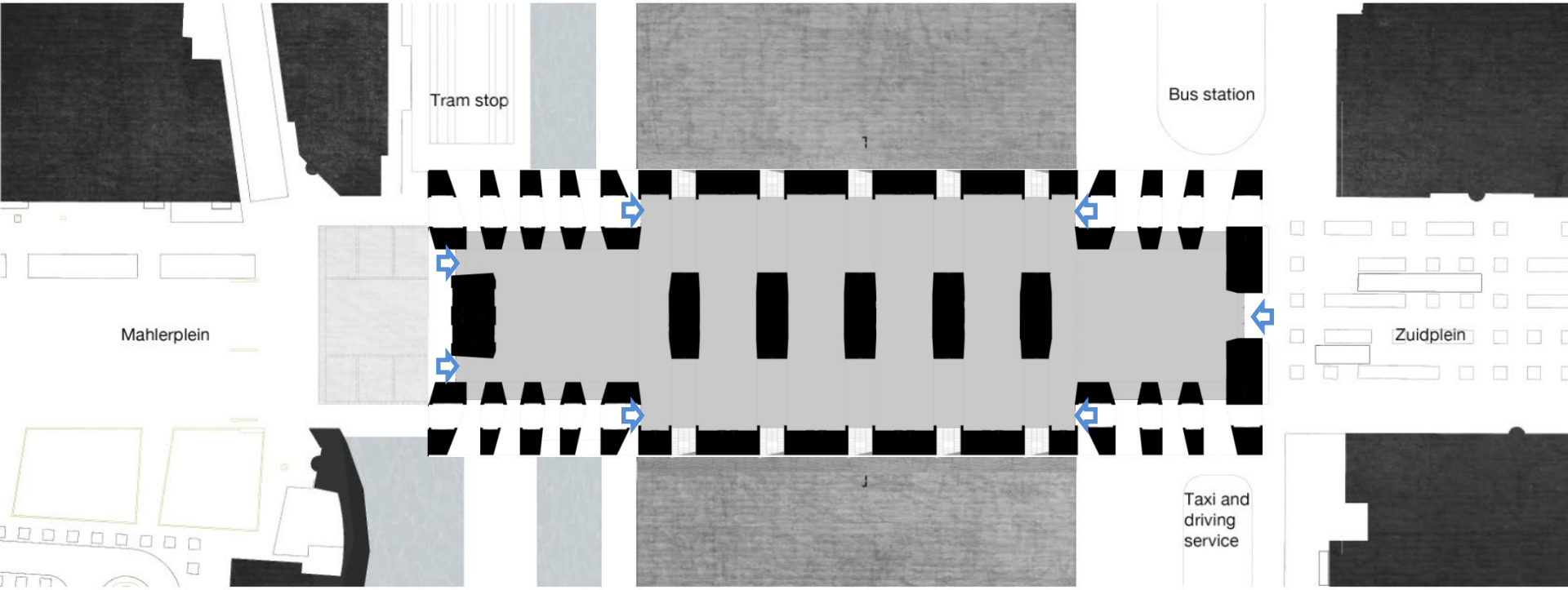
Bus station
Mahlerplein
Zuidplein
Taxi and
driving
service

Movement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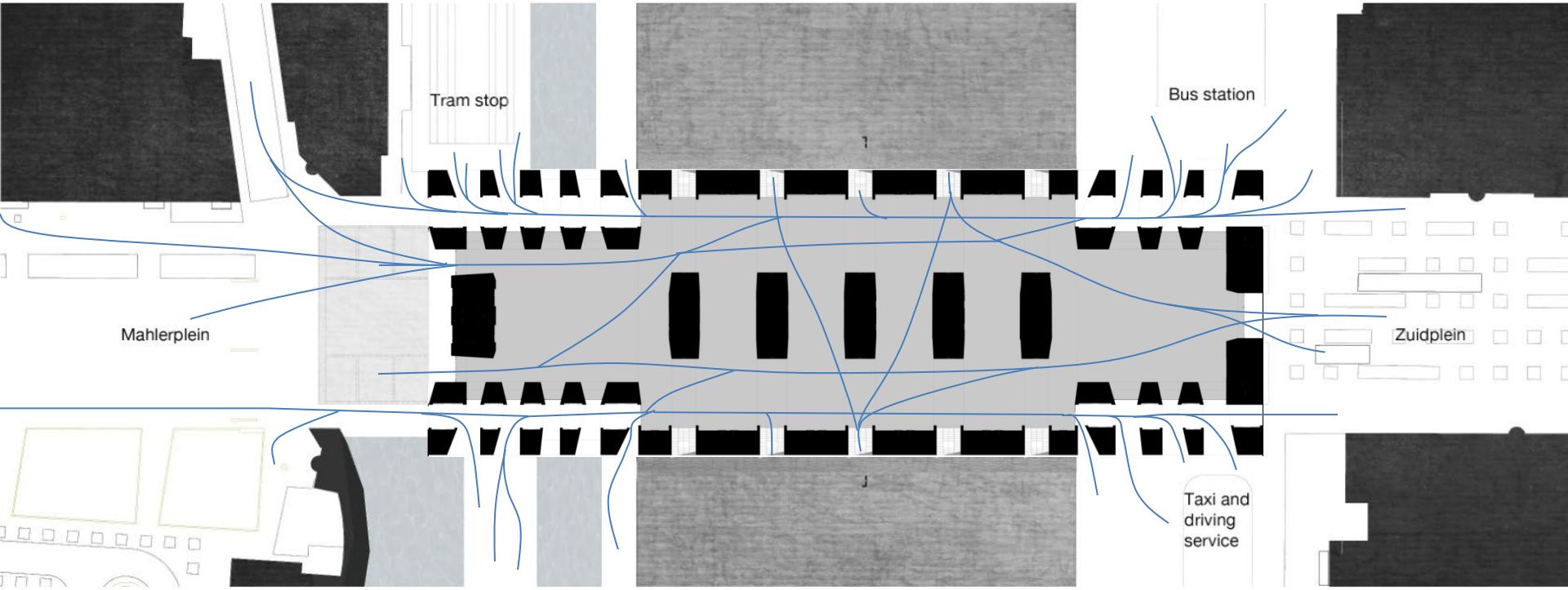
Zuidplein
Taxi and
driving
service


Tram stop
Bus station
Mahlerplein
Zuidplein
Taxi and
driving
service

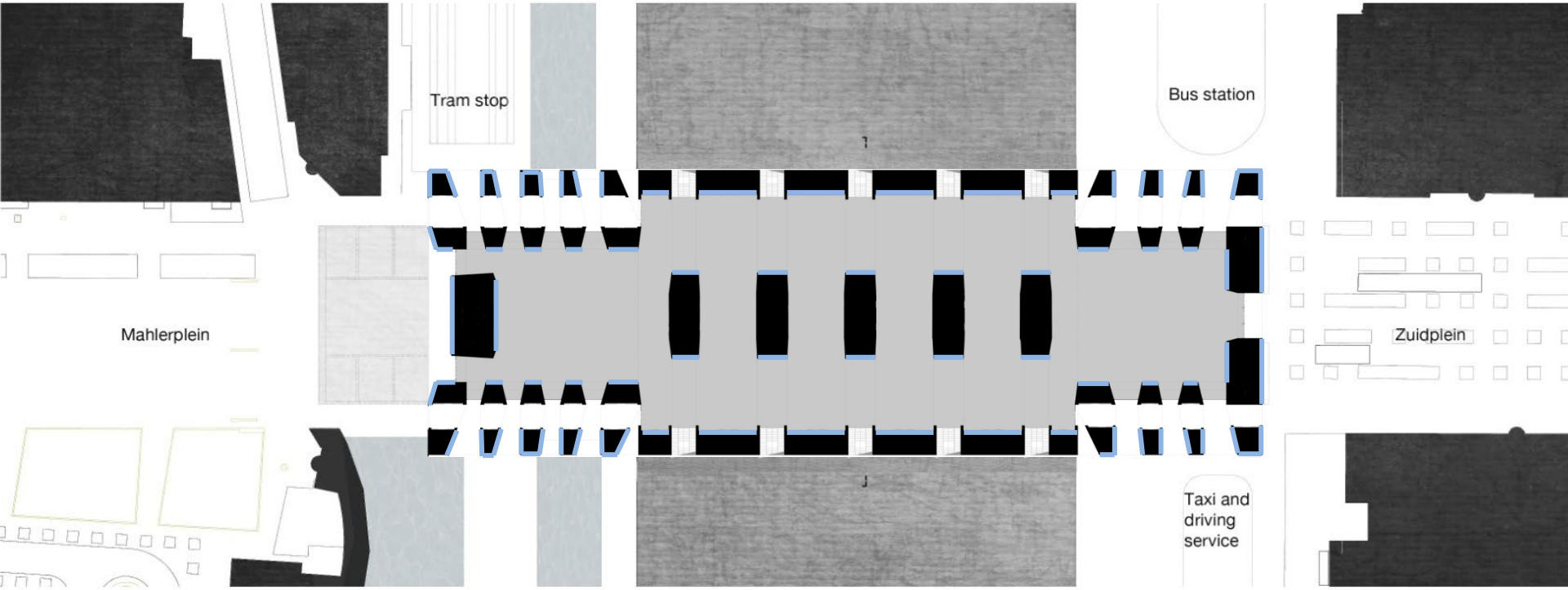
Stasis

“People fear empty space”

Jan Gehl

“Details plays an important role in developing staying possibilities”

Jan Gehl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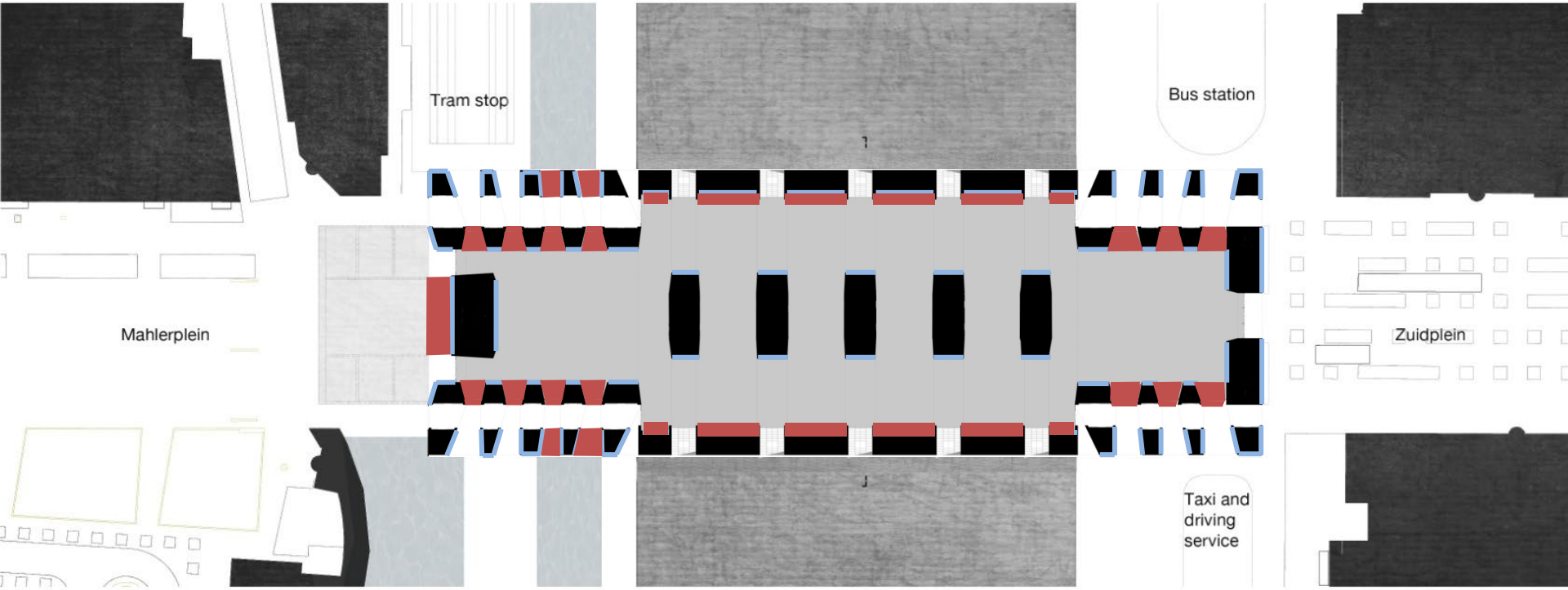
Taxi and
driving
service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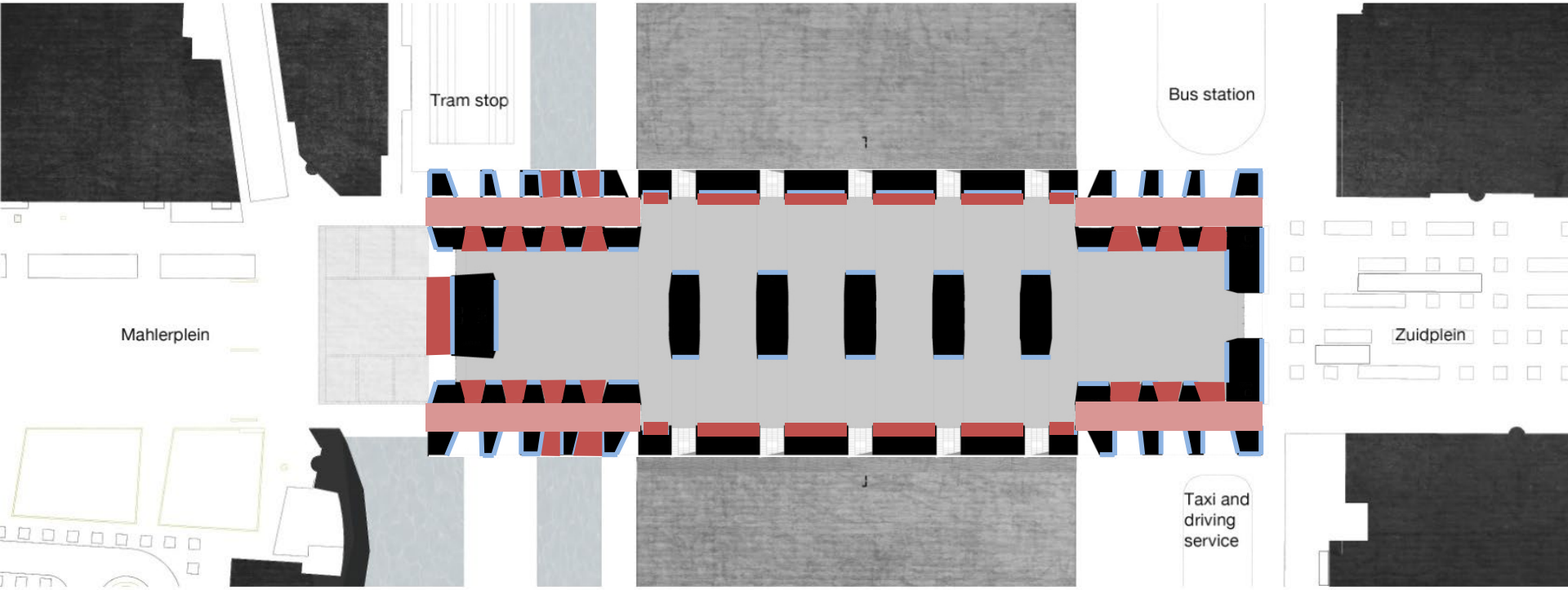
Bus station
Mahlerplein
Zuidplein
Taxi and
driving
service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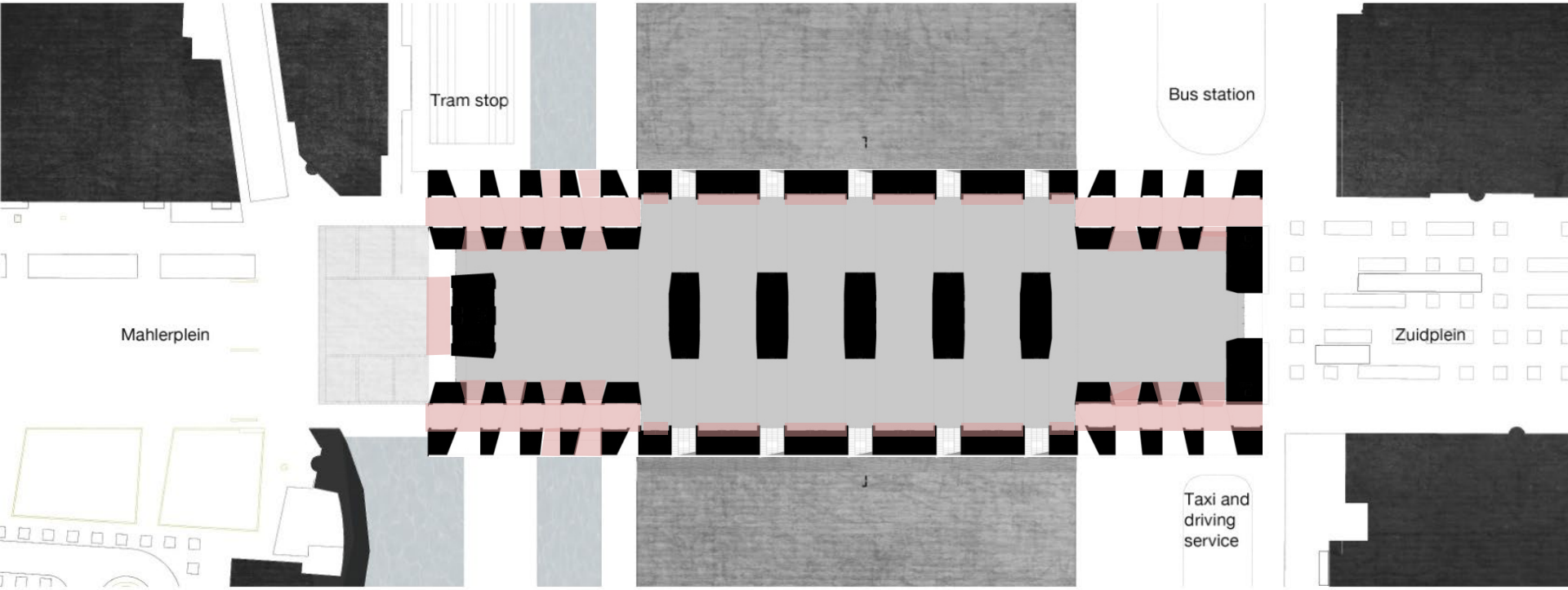
Mahlerplein
Zuidplein
Taxi and
driving
service


Tram stop
Bus station
Mahlerplein
Zuidplein
Taxi and
driving
service

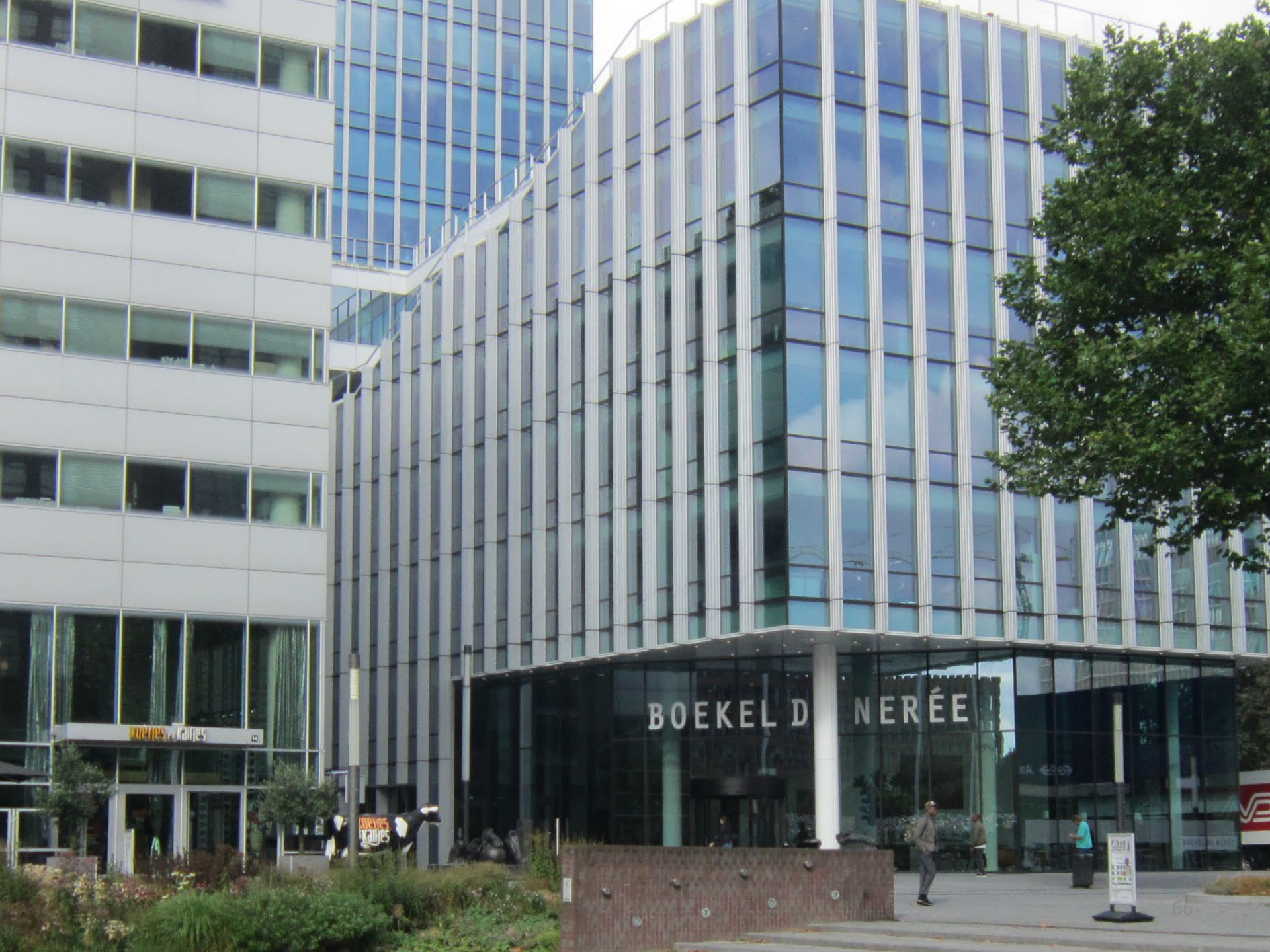
Light

“The power of discovering something unexpected to the eyes gives them their value...and life”

Richard Sennet


HOUT
GUSTAVINO
GUSTAVINO


ngage media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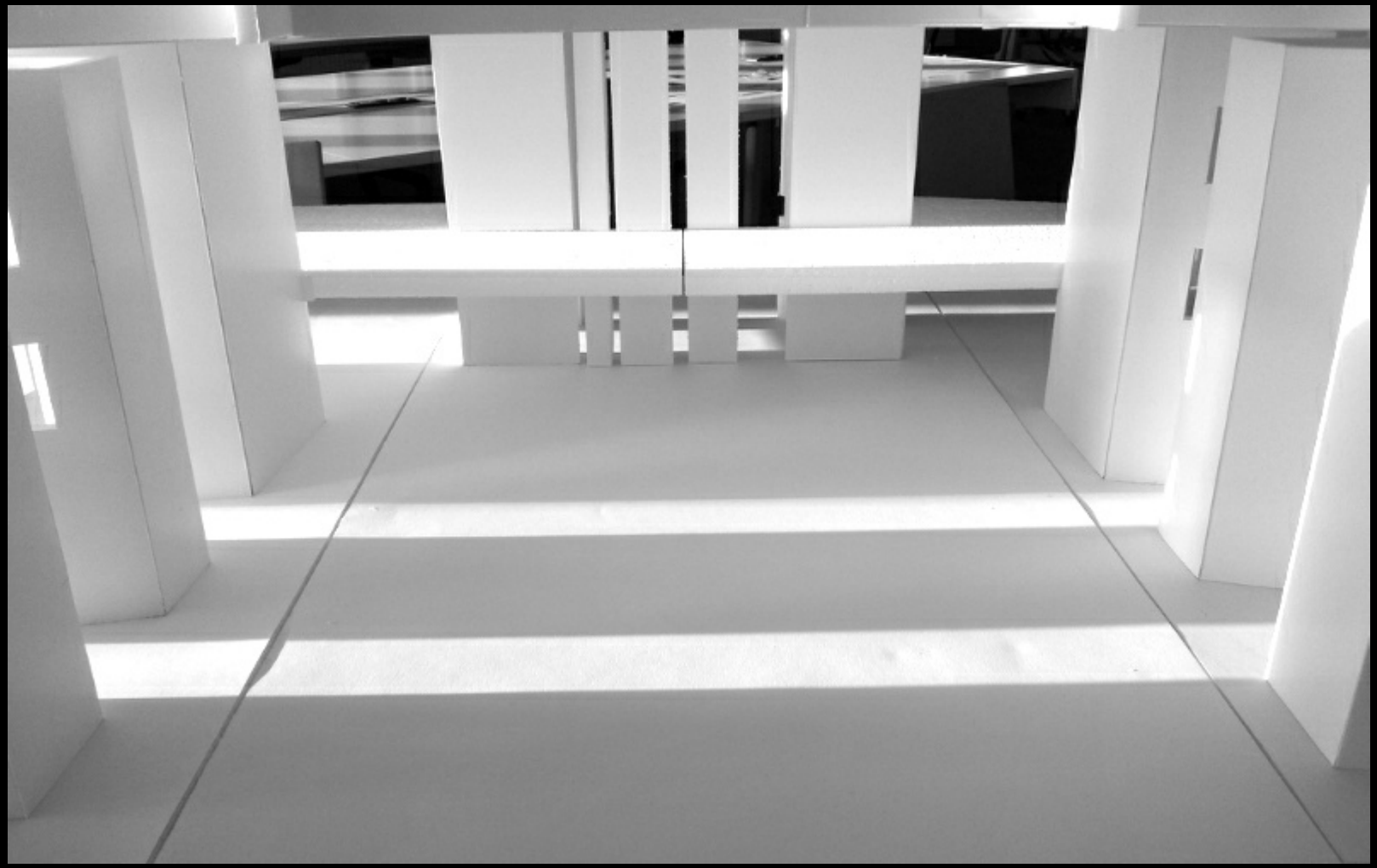


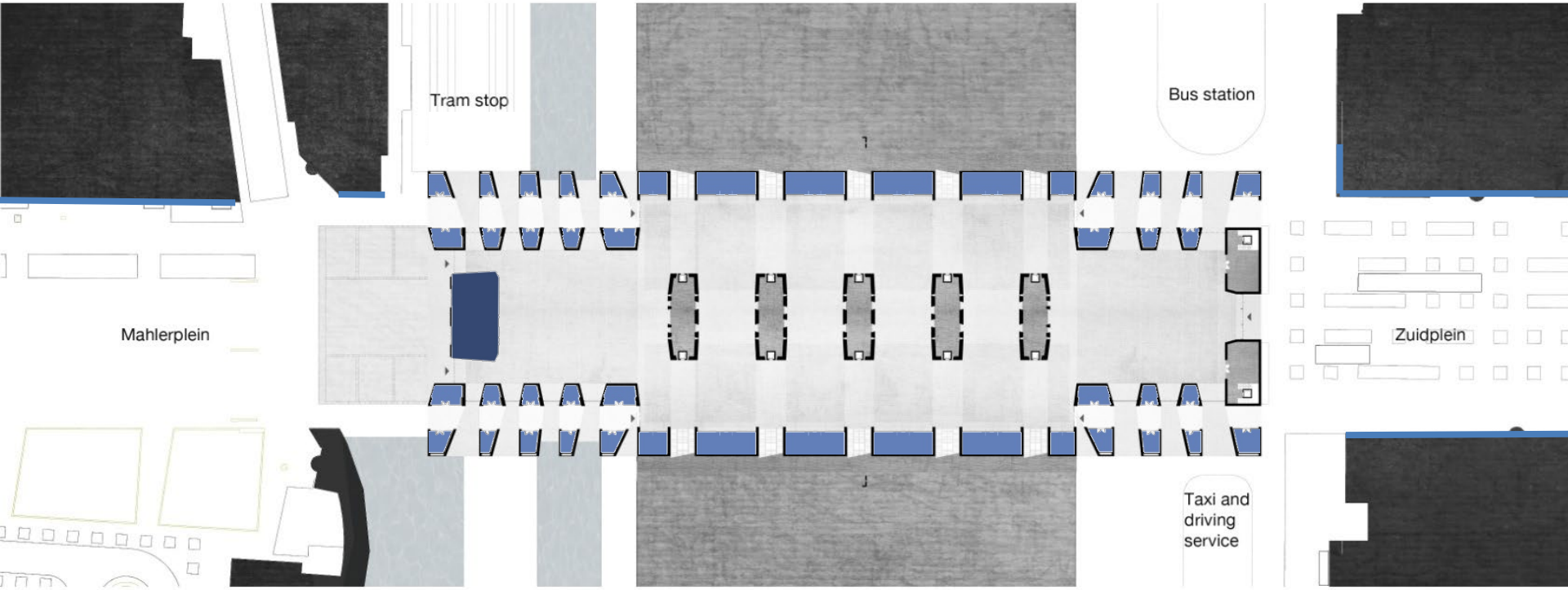
Monumentality

Space and collective memory

Collective awarness of the place

Maurice Halbwachs

Building configuration

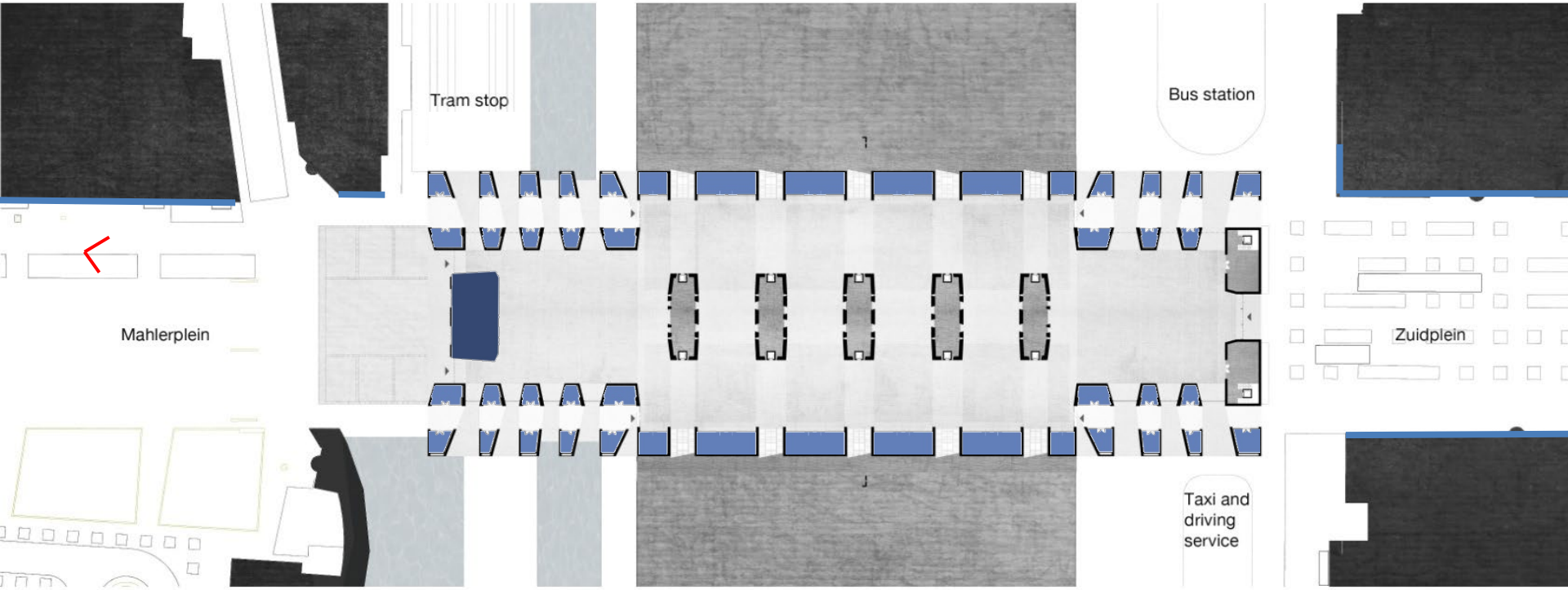

Tram stop
Bus station
Mahlerplein
Zuidplein
Taxi and
driving
service


STARBU
COF

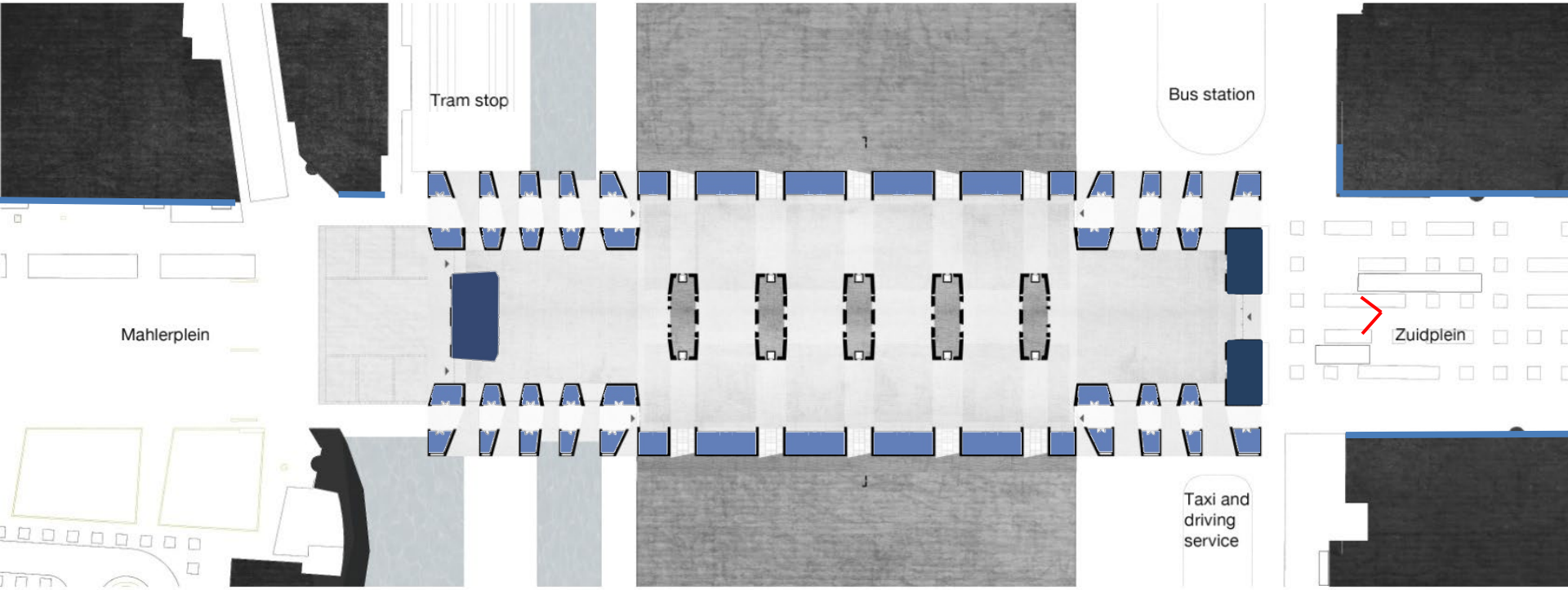
“Store owners can be street people”

“Many people work the street”

William Whyte


Tram stop
Bus station
Mahlerplein
Zuidplein
Taxi and
driving
service


Amsterdam
Zuid
Amsterdam
Zuid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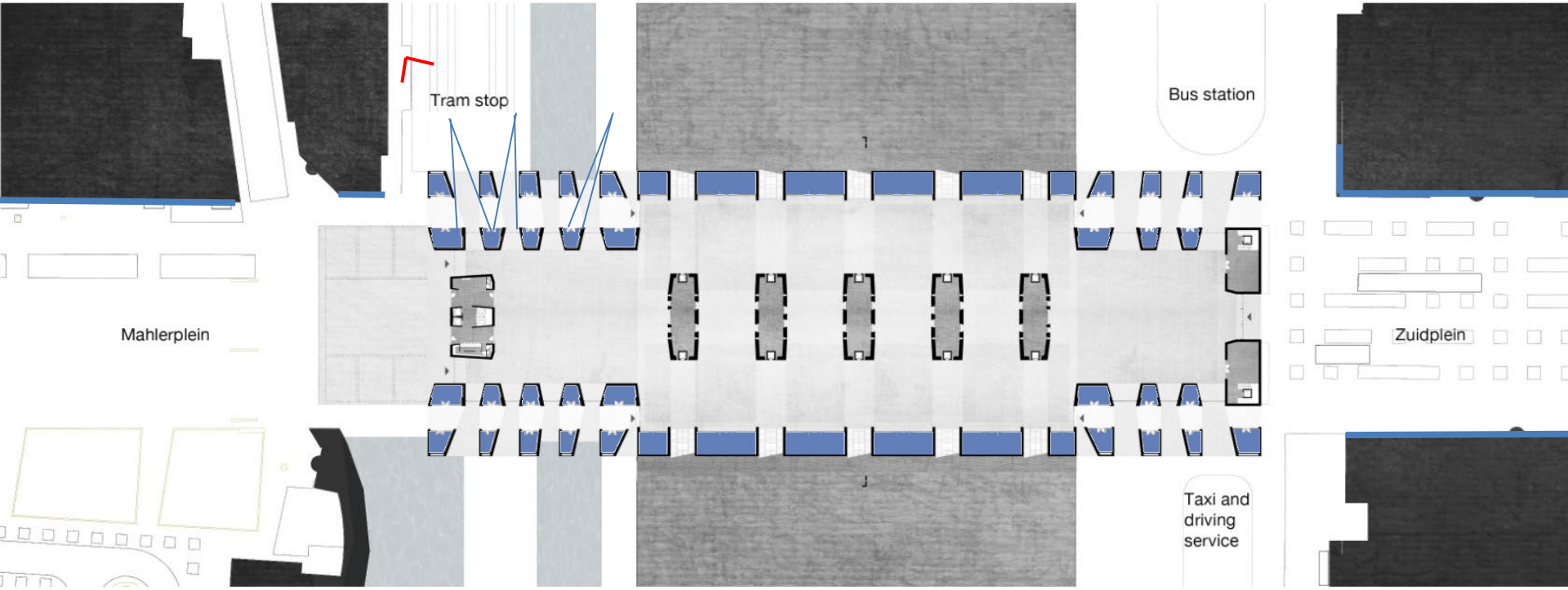
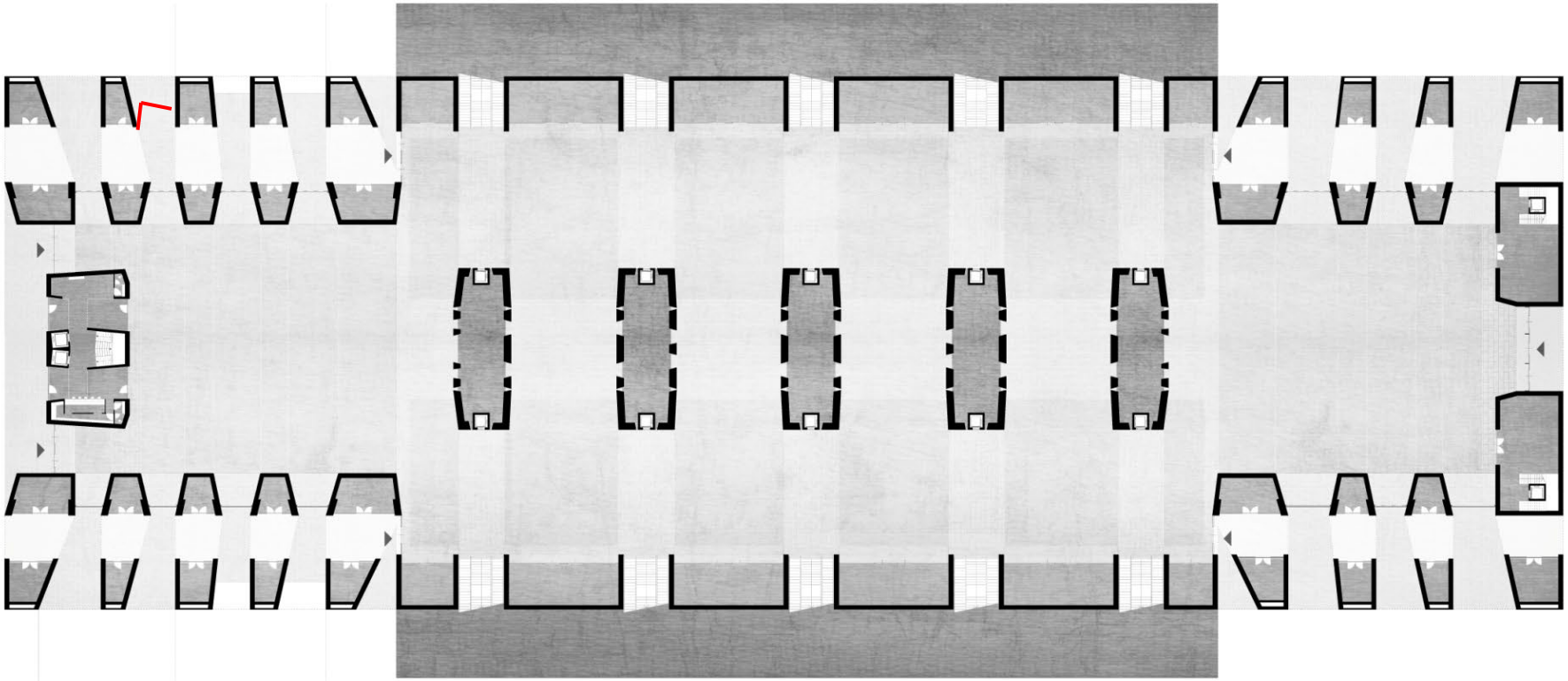
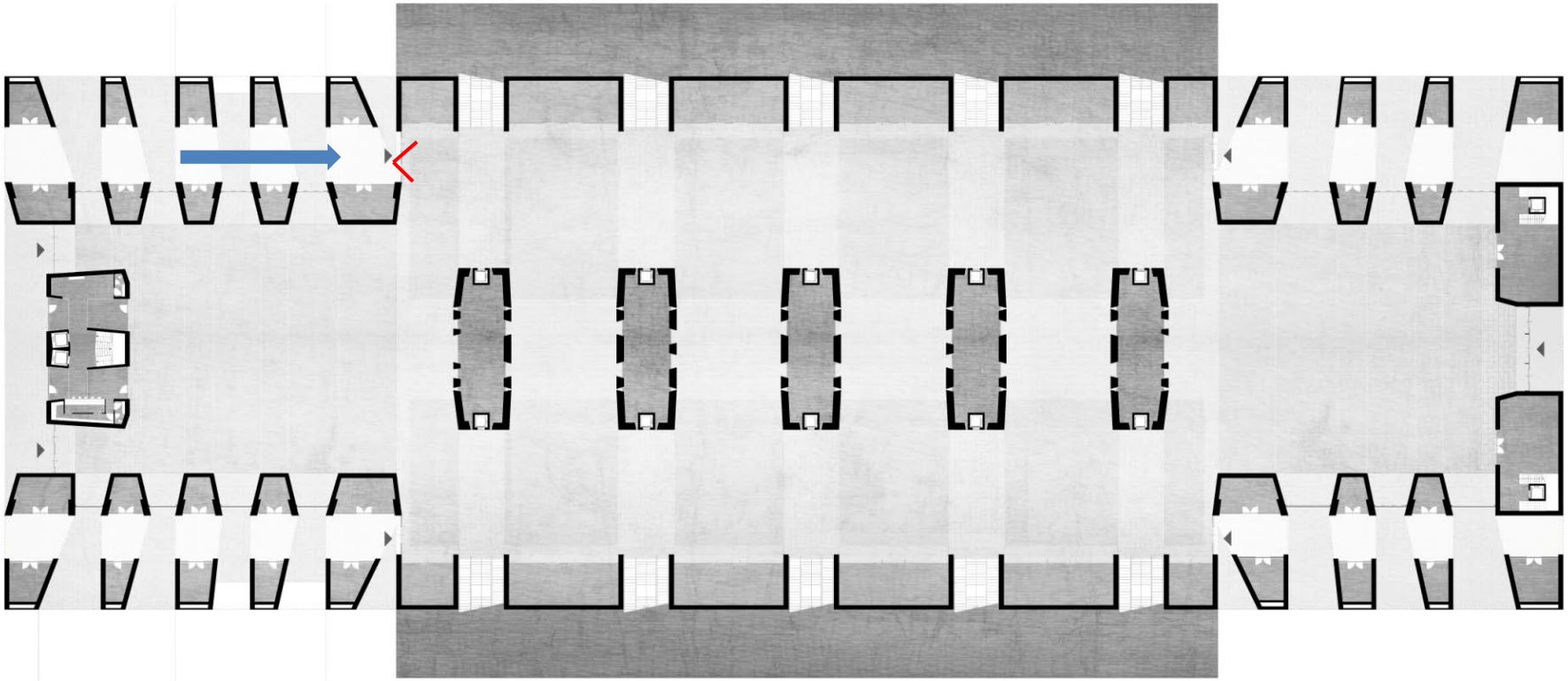
Bus station
Mahlerplein
Zuidplein
Taxi and
driving
service


ABN·AMRO


Tram stop
Bus station
Mahlerplein
Zuidplein
Taxi and
driving
service




ČESKÝ SVAZ OCHRANCŮ PŘÍR



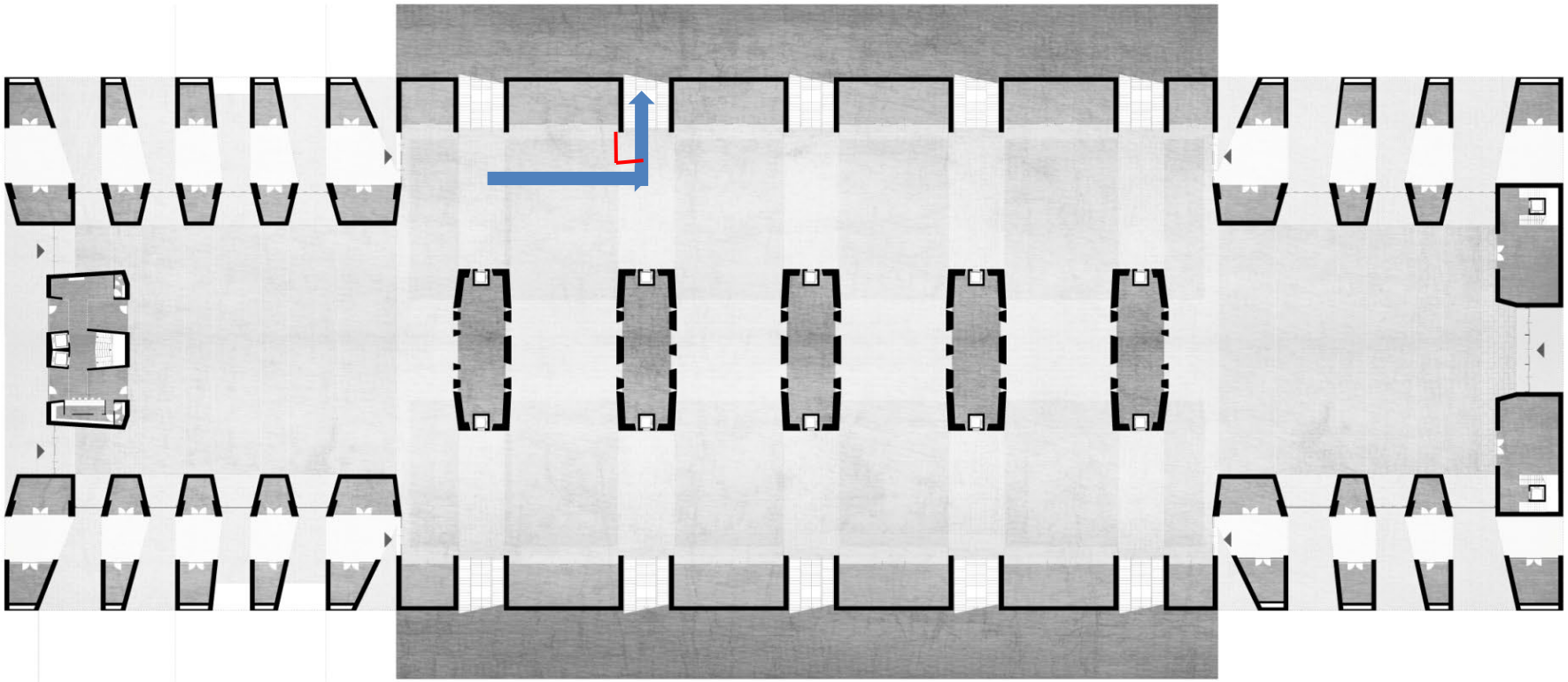

1

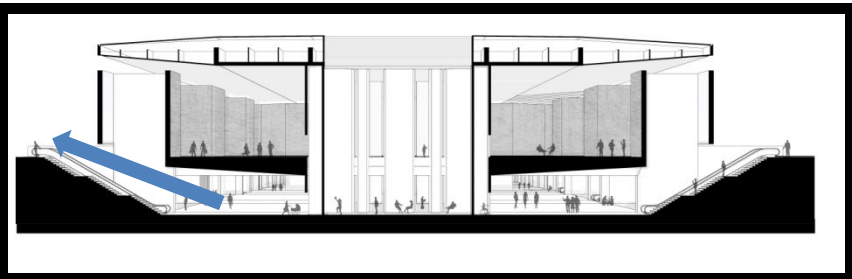

SHAKIE'S
Stel je eigen shake samen bij onze Shakemasters.
Happy World
Health
Vita
Shakemaster special.
2,50

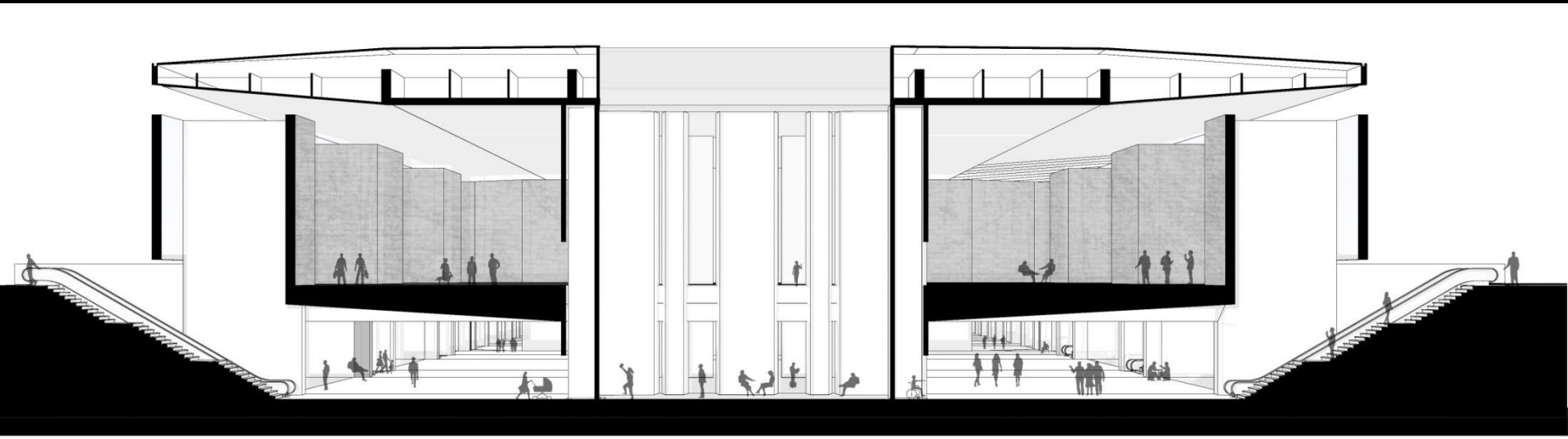

SMULLE


Kiosk


BAR IL PALIO
CALZATURE





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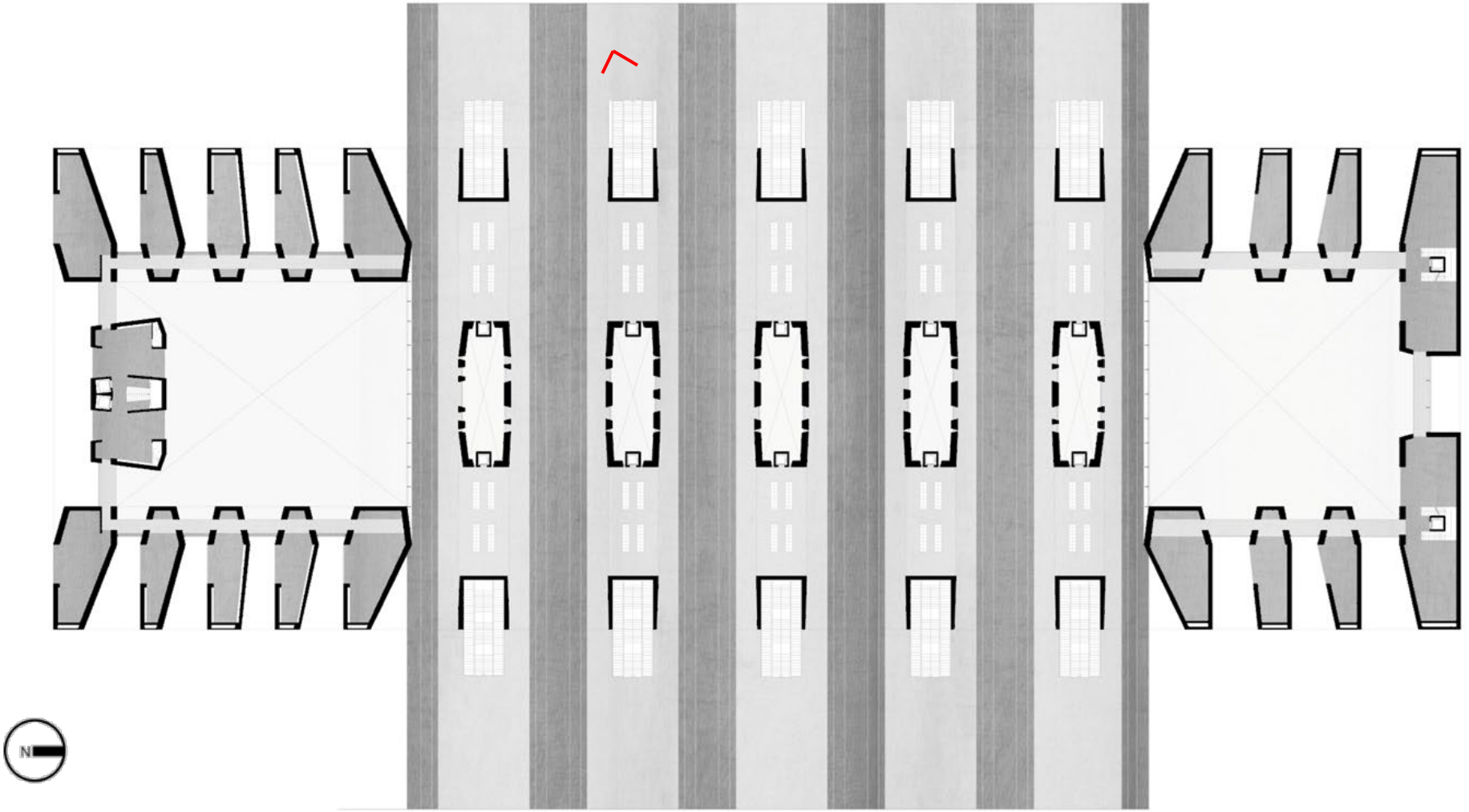
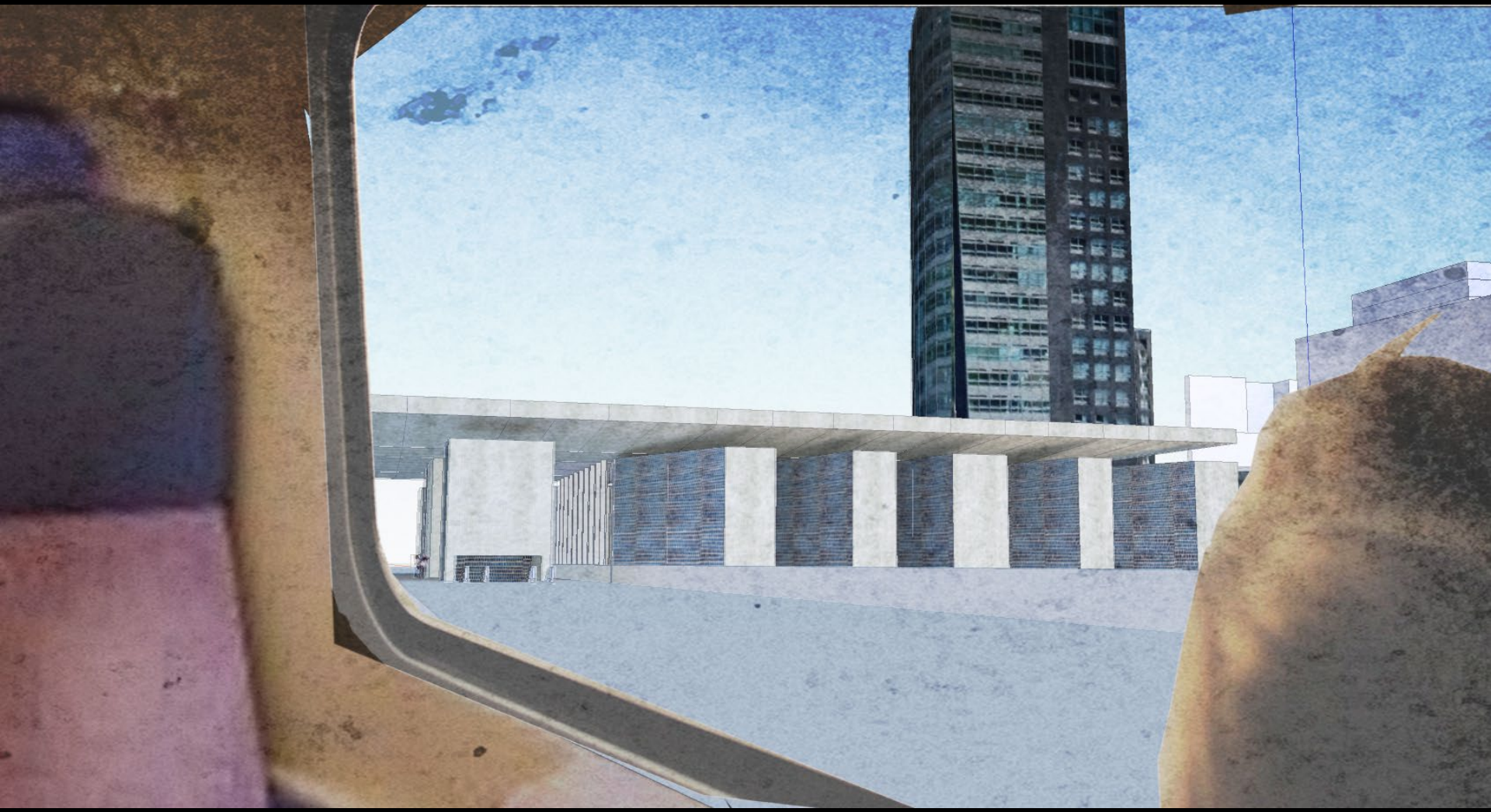
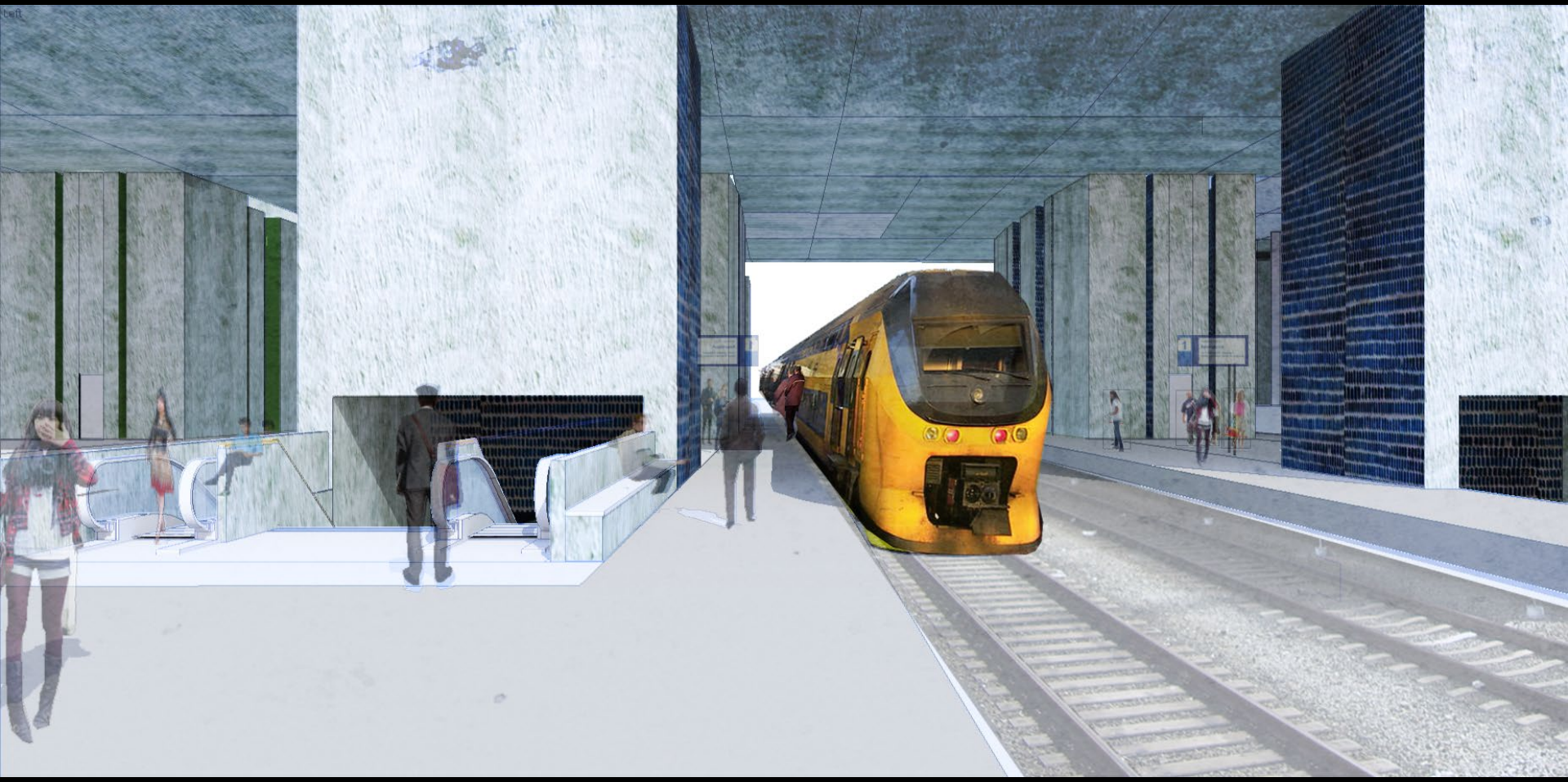
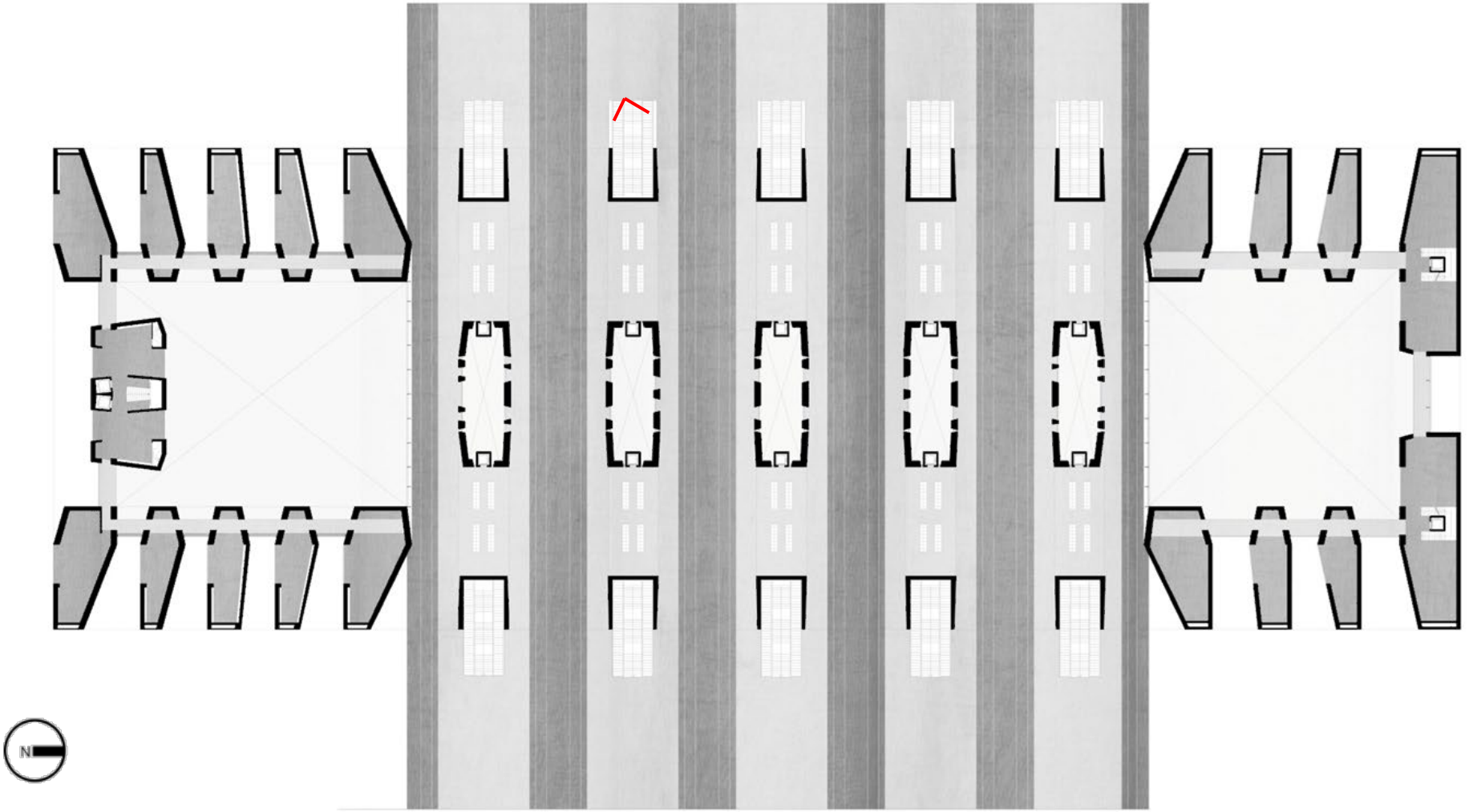
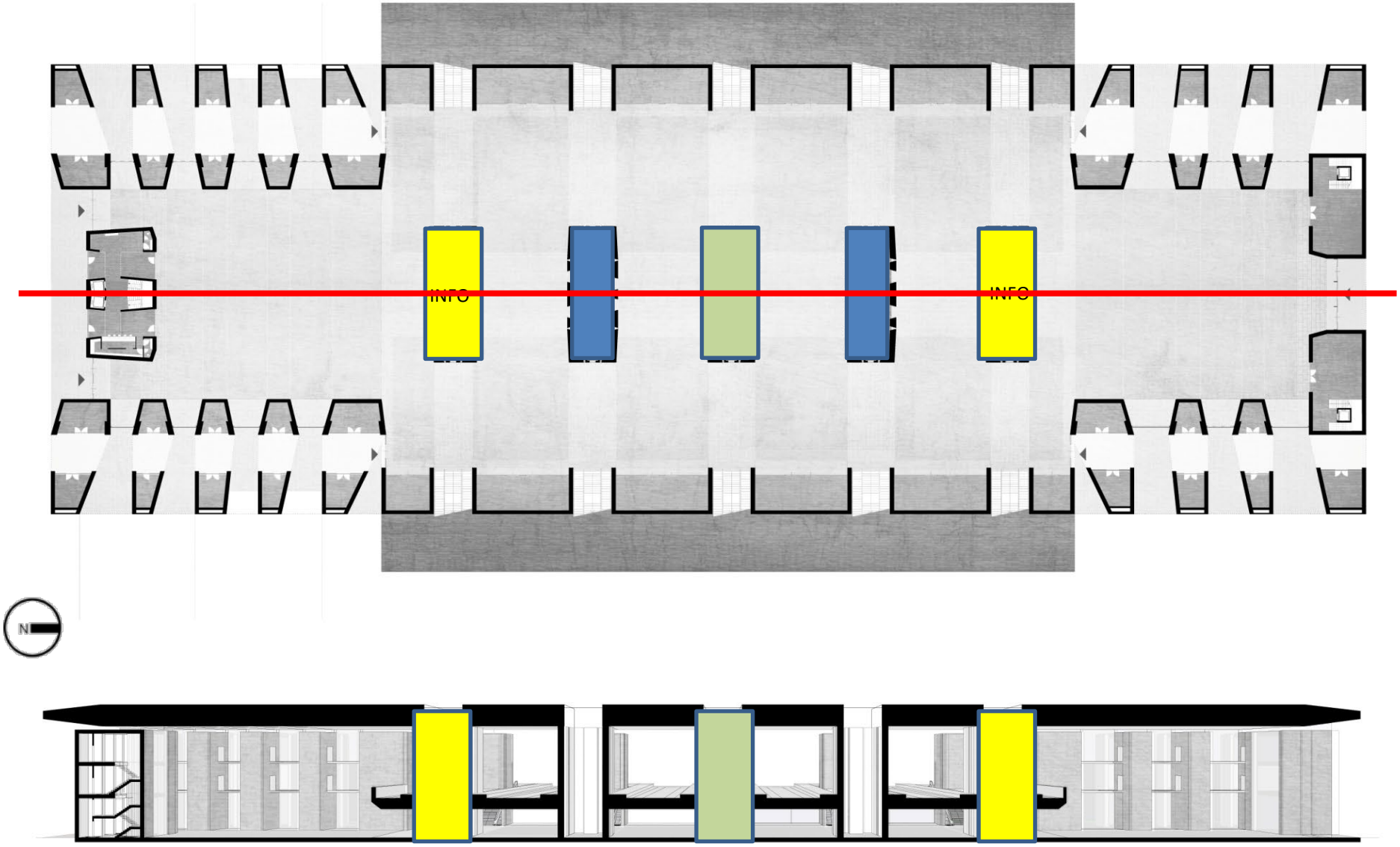









< Zuidplein
Mahlerplein >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INFO
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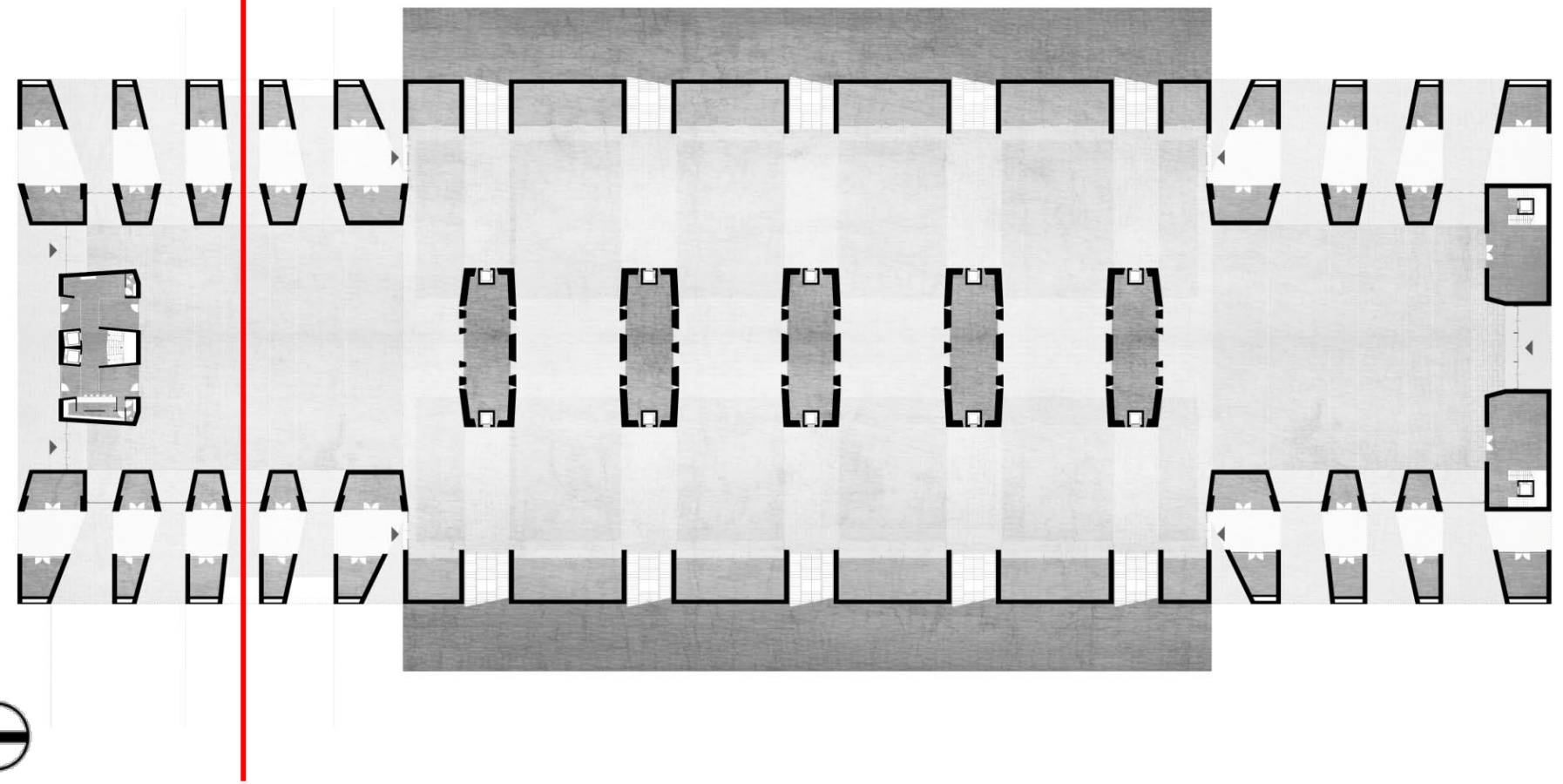

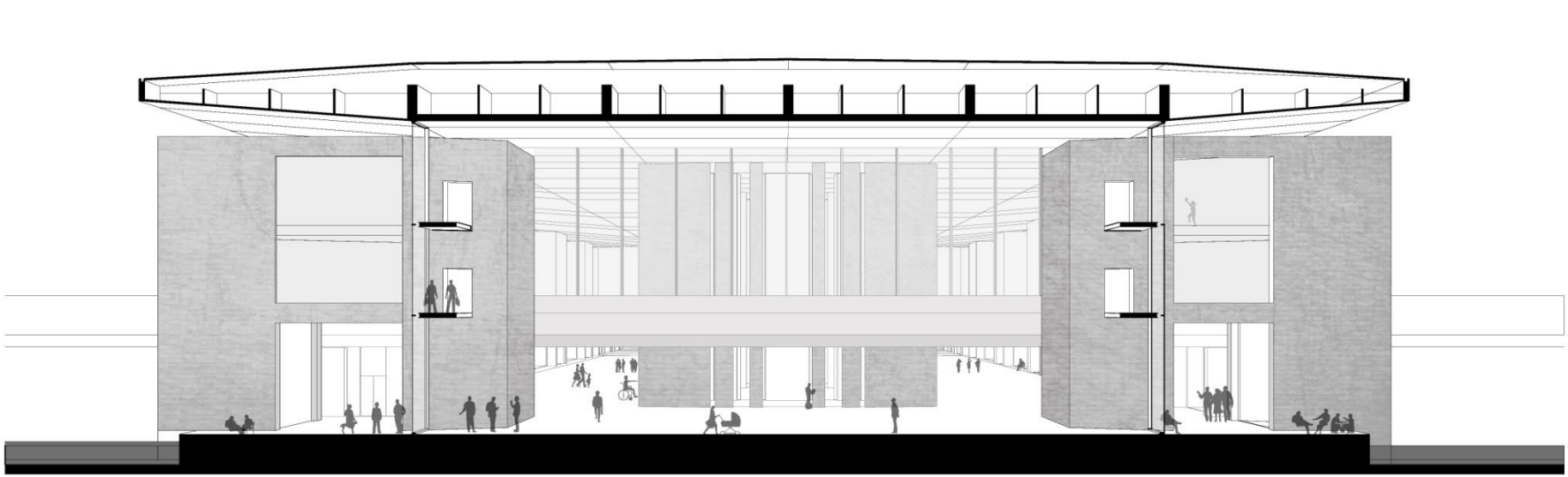

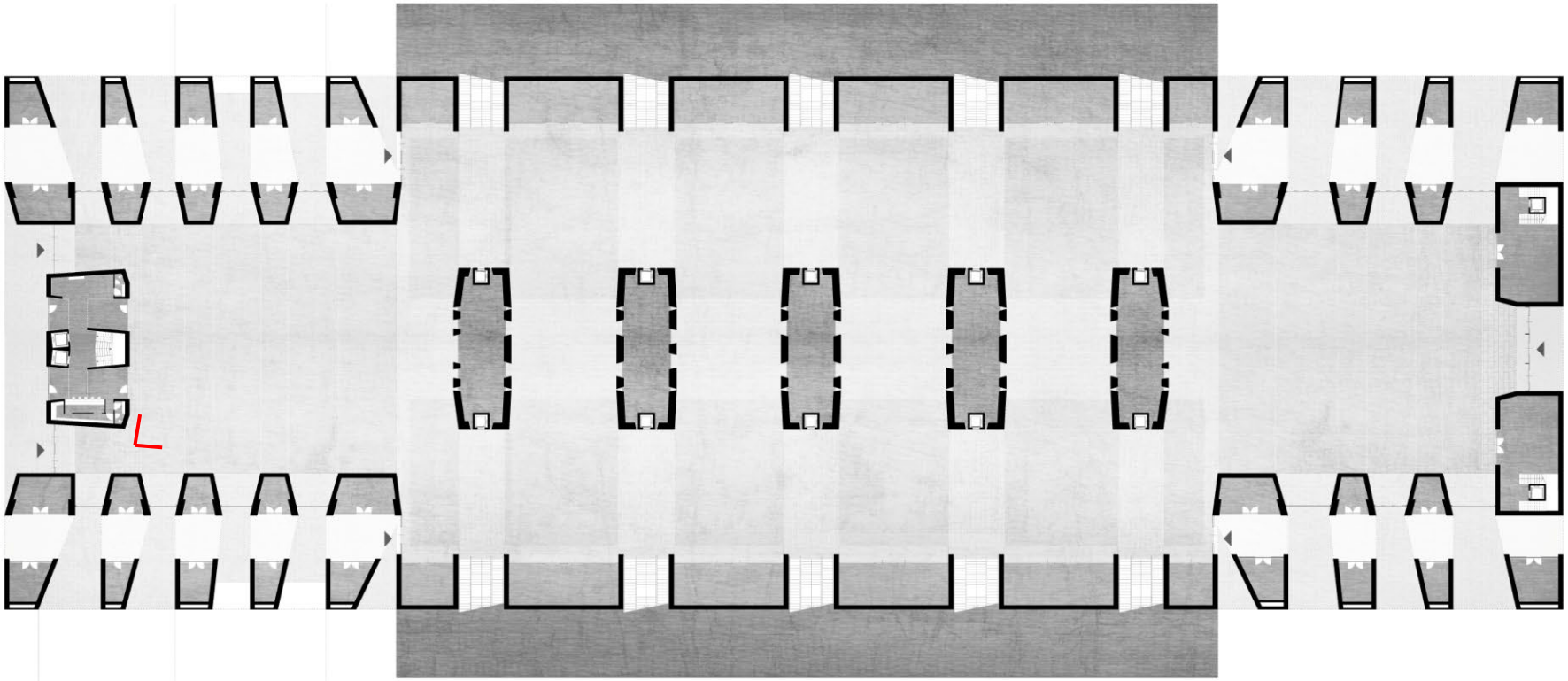

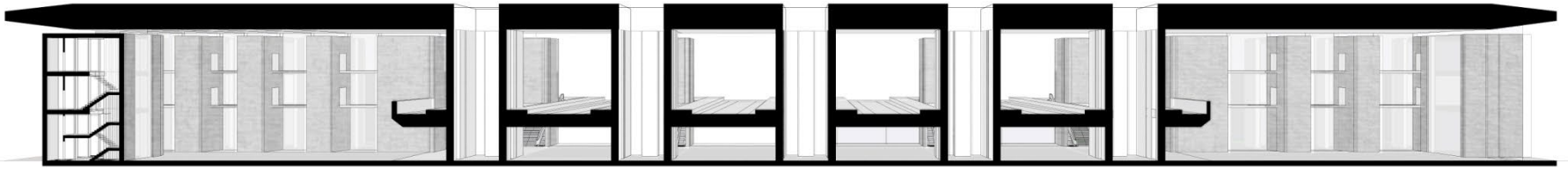

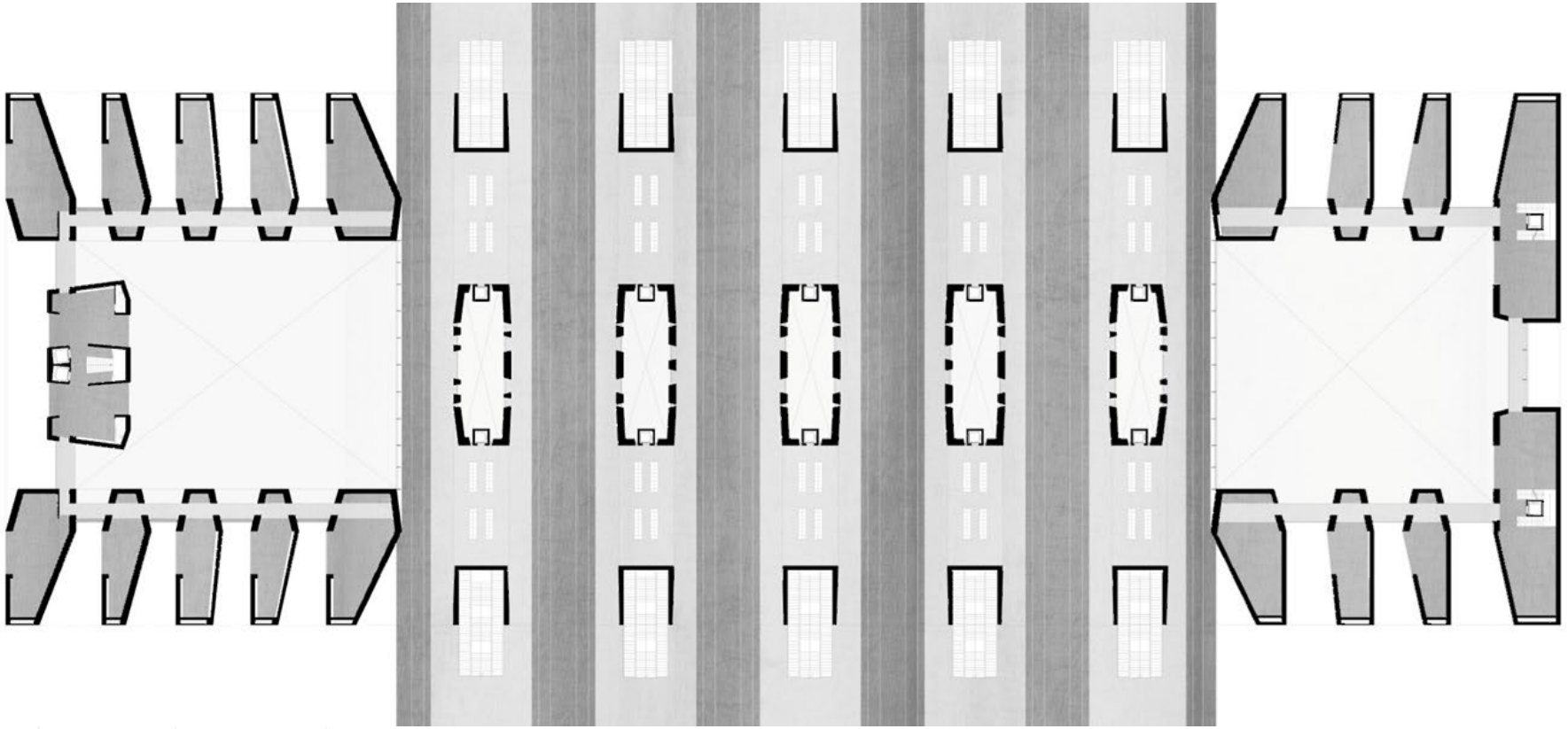


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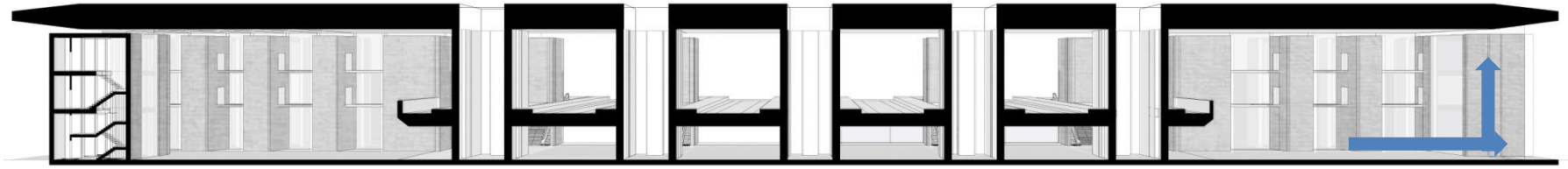
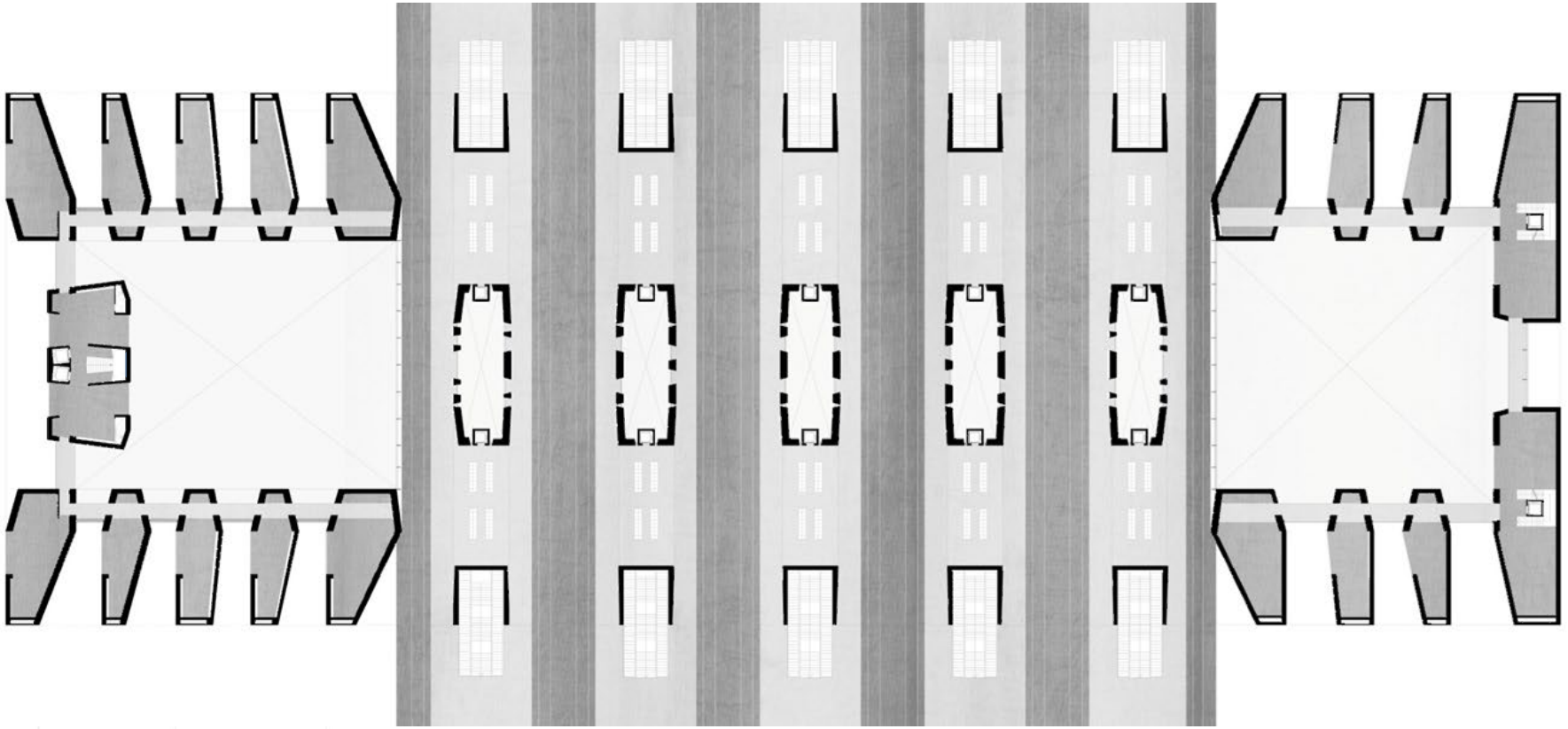




Wayfinding - Ephemera

_Tectonic

"The Layout of a built structure influences human emotions and movement"

Christopher Alexander

Unconscious cognitive mapping

Cognitive space is primarly topological

Penn, Hag & Zimring, 2003

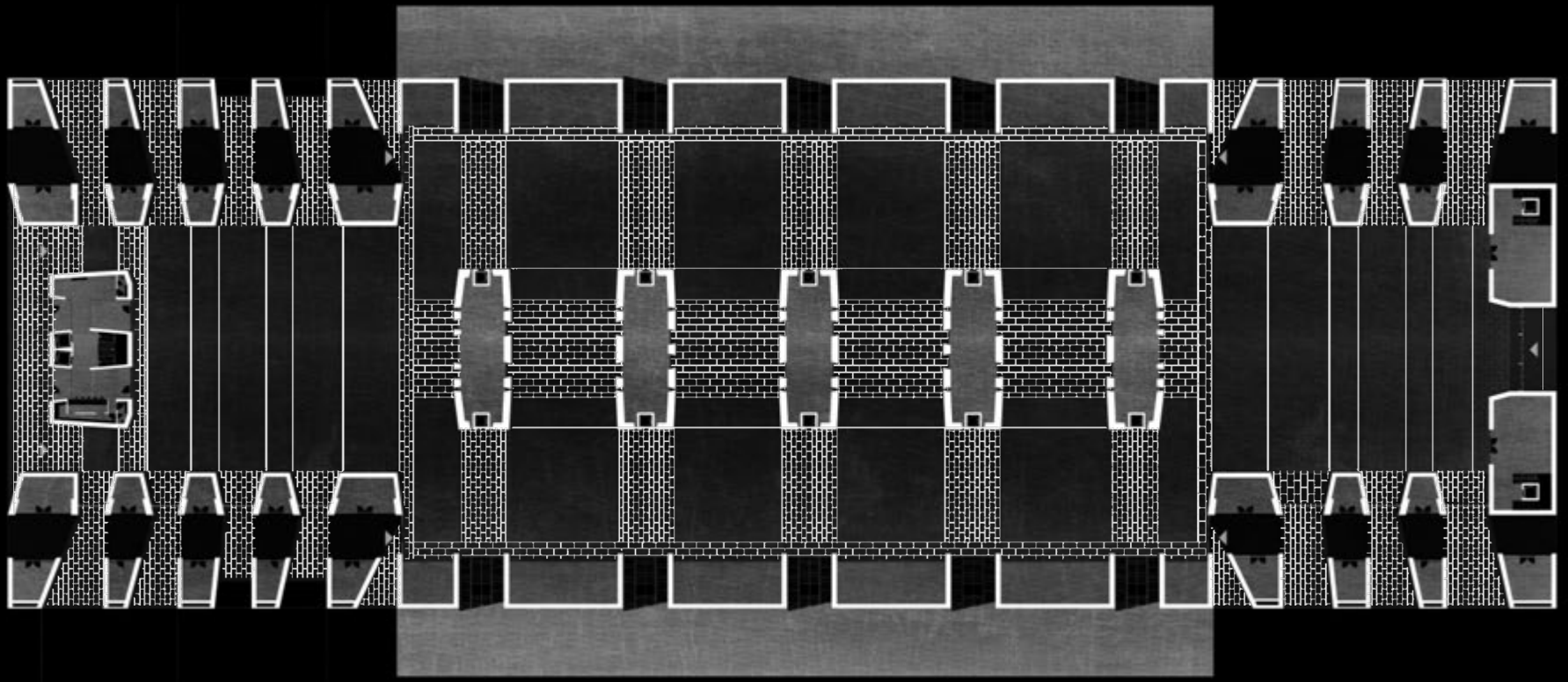
"Distinctive view of plantings, water features,
unexpected…materials…
assist users to construct mental maps"

Kevin Lynch


Amsterdam
Zuid
Amsterdam
Zuid

_Light (natural and artificial)

_Ground



_Signing


spoor
1
spoor
2
bus
metro
taxi
TAXI
tram
politie
telefoon
wachtruimte
uitgang
De Promenade, Centrum
Stationshal


lift
trein
hst
kaartverkoop
informatie
parkeren
P
fietskluis
bewaakt
depot
verzending
kluis
gevonden
politie
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toilet
WC
dames
heren
stalling
gehandicapt
douche
bus
taxi
TAXI
tram
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metro
luchthaven
ingang
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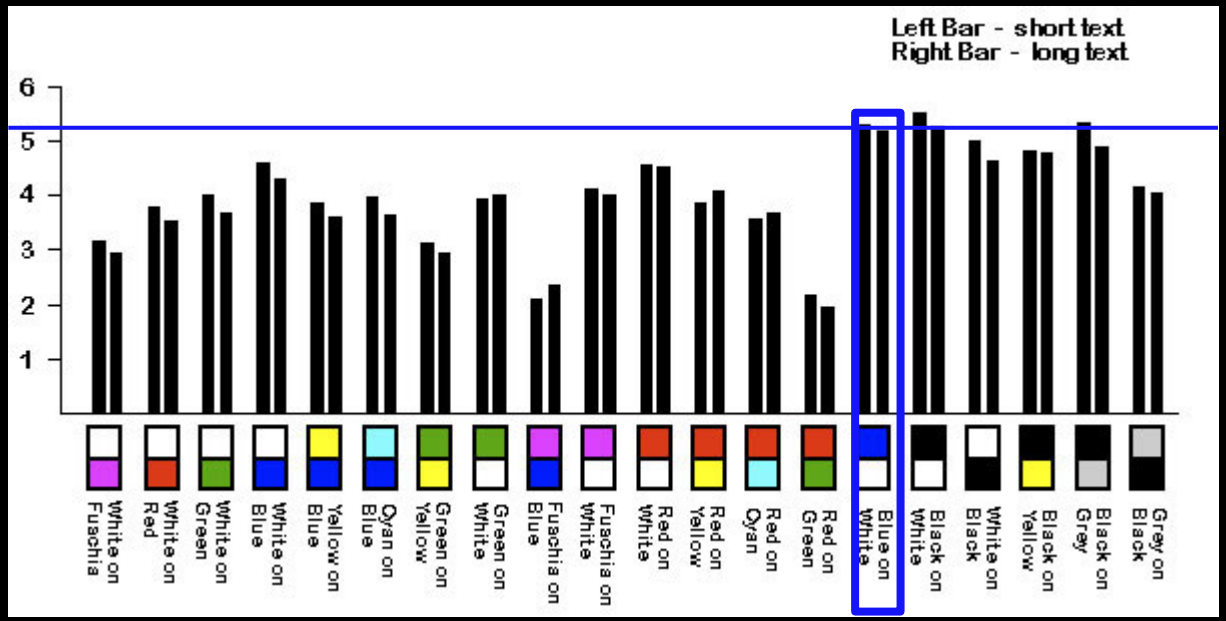
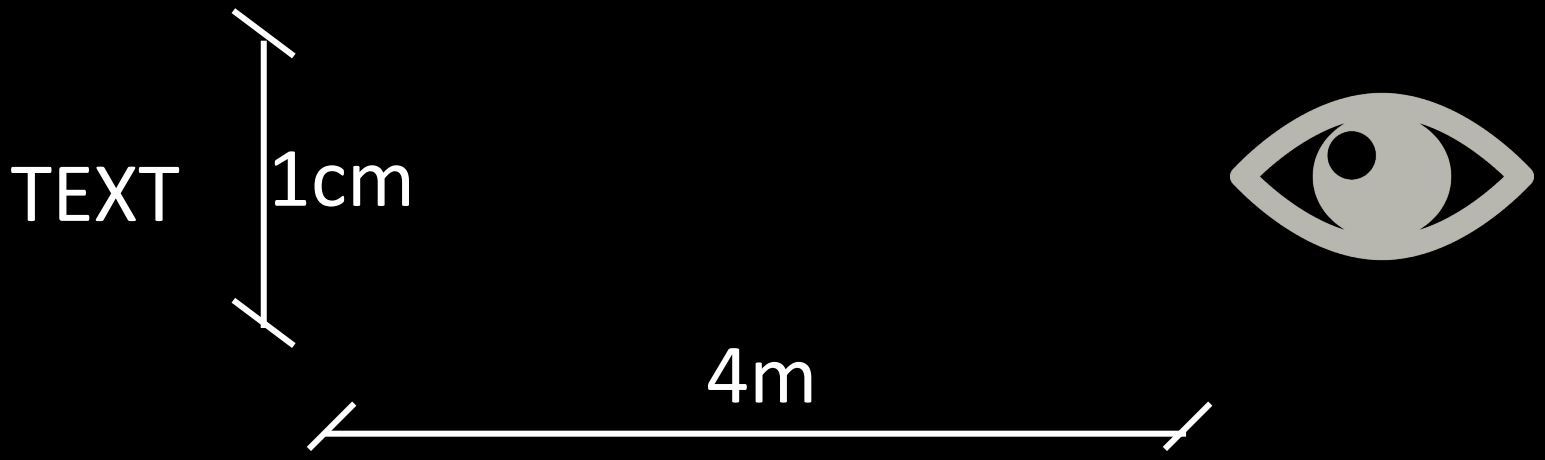
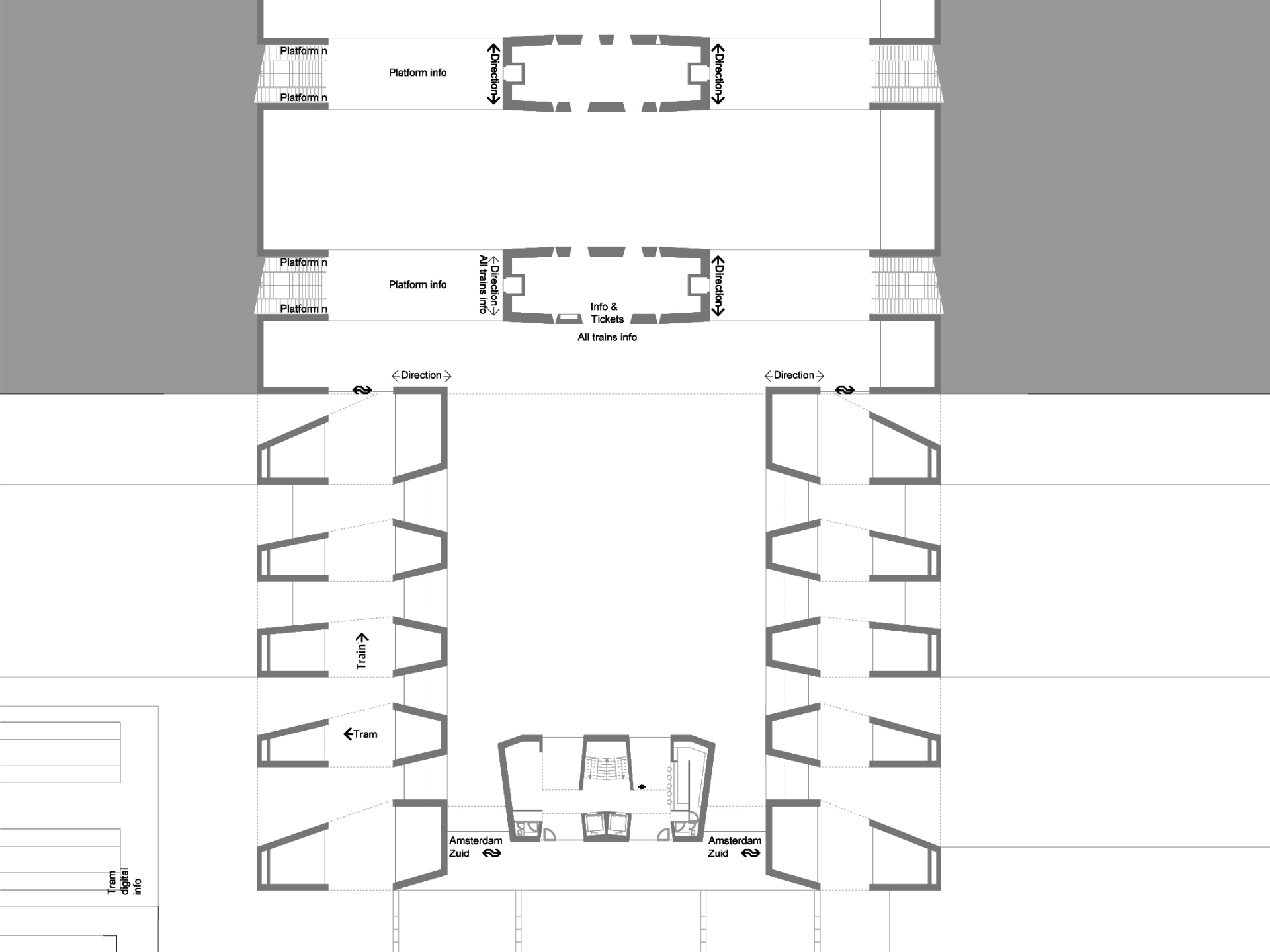

Left Bar - short text
Right Bar - long text
6
5
4
3
2
1
White on Fuschia
White on Red
White on Green
White on Blue
Yellow on Blue
Cyan on Blue
Green on Yellow
Green on White
Fuschia on Blue
Fuschia on White
Red on White
Red on Yellow
Red on Cyan
Red on Green
Blue on White
Black on White
White on Black
Black on Yellow
Black on Grey
Grey on Black


Zuidplein
Zuidplein

Legibility Index LI

Legibility Index LI




Platform n
Platform n
Platform info
Direction
Direction
Platform n
Platform n
Platform info
Direction
All trains info
Direction
Info &
Tickets
All trains info
Direction
Direction
Train
Tram
Amsterdam
Zuid
Amsterdam
Zuid
Tram
digital
info


1
Vertrektijd: 09:30
Amersfoort
Via Ede centrum, Barneveld Noord, Barneveld Centrum, Lunteren
2
< ZuidPlein
Mahlerplein >

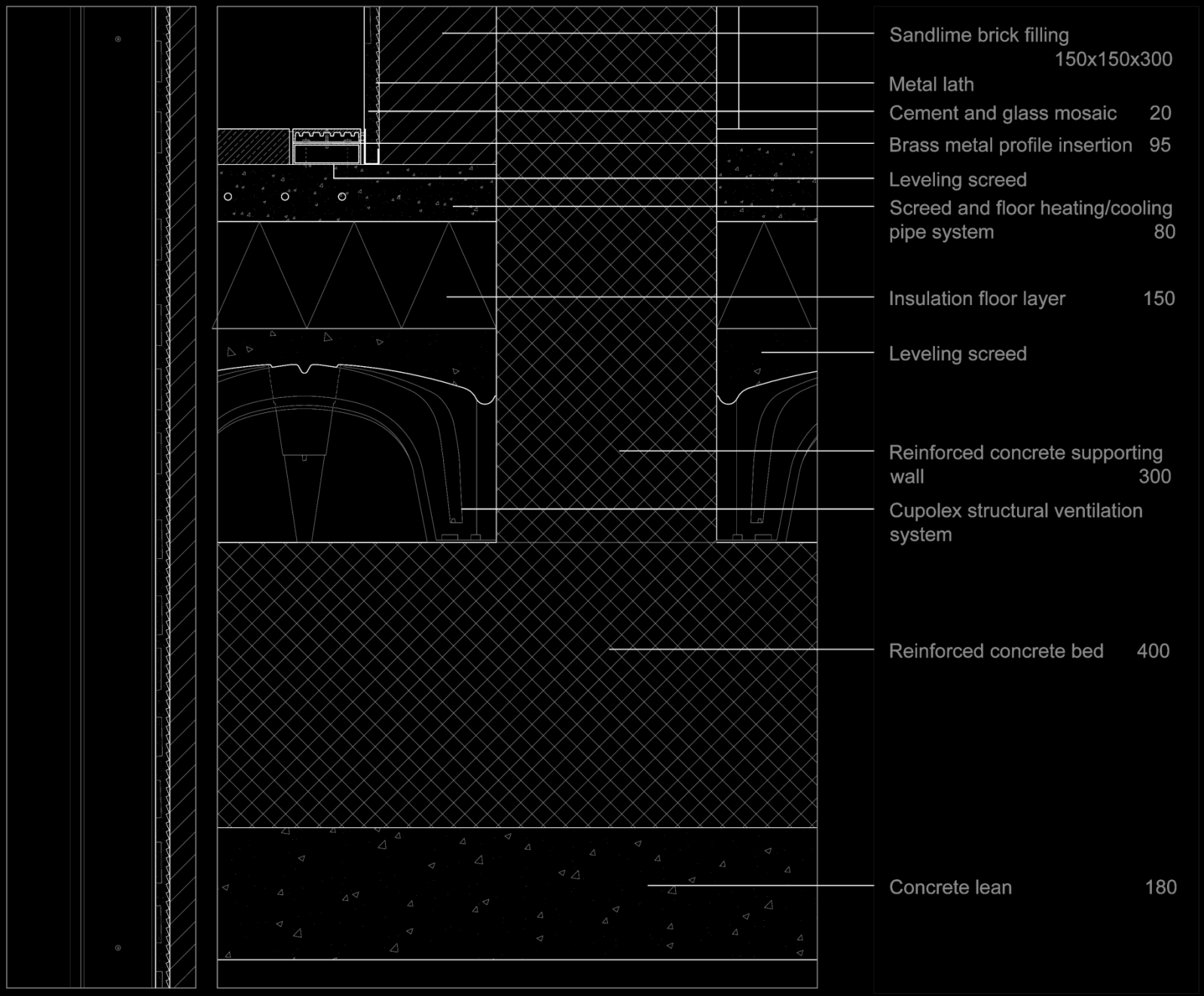

Amersfoort
Via Ede centrum, Barneveld
Noord, Barneveld Centrum, Lunteren
1
1
2
3

Detailing

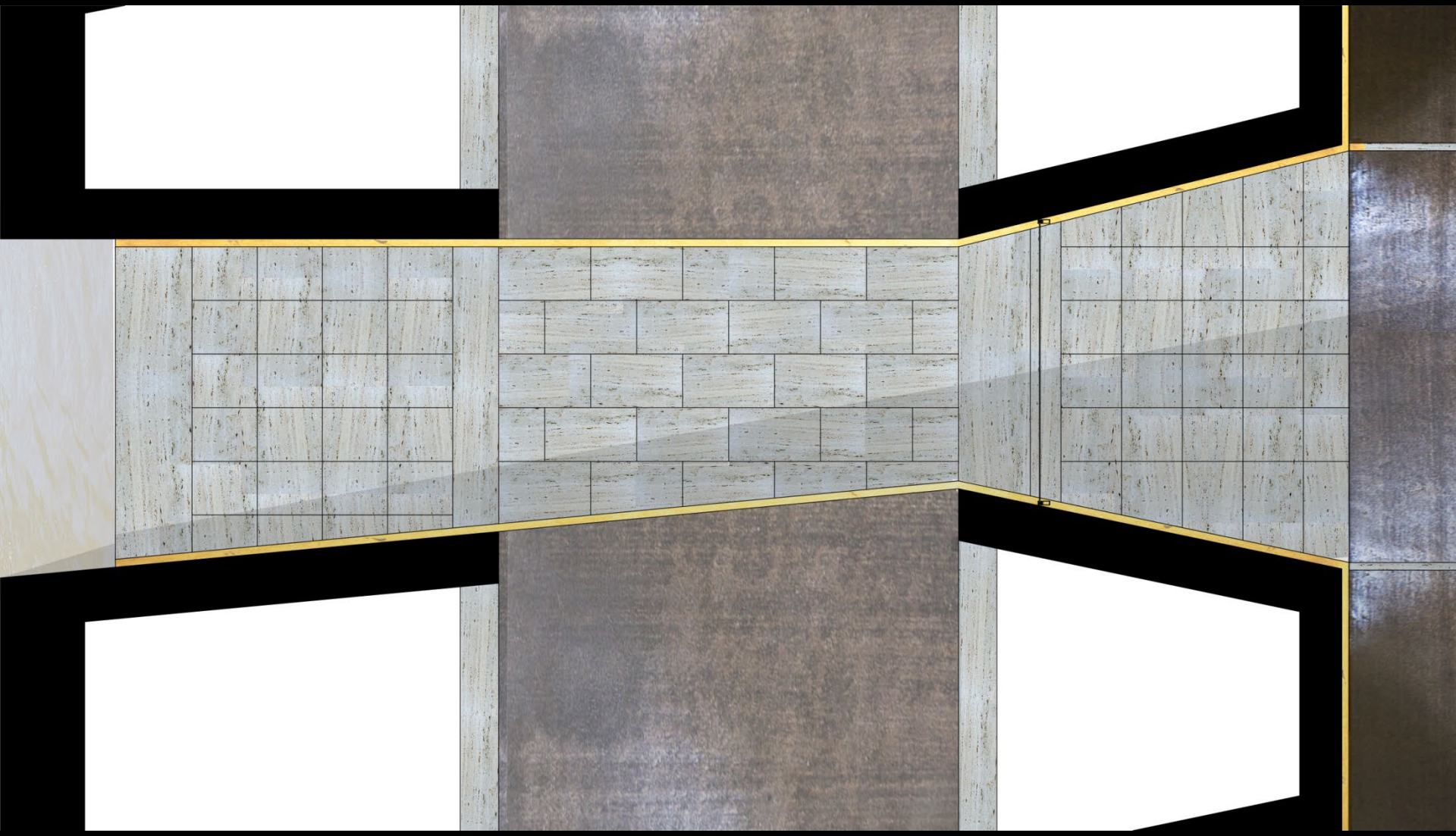
“Skin...major sense organ”

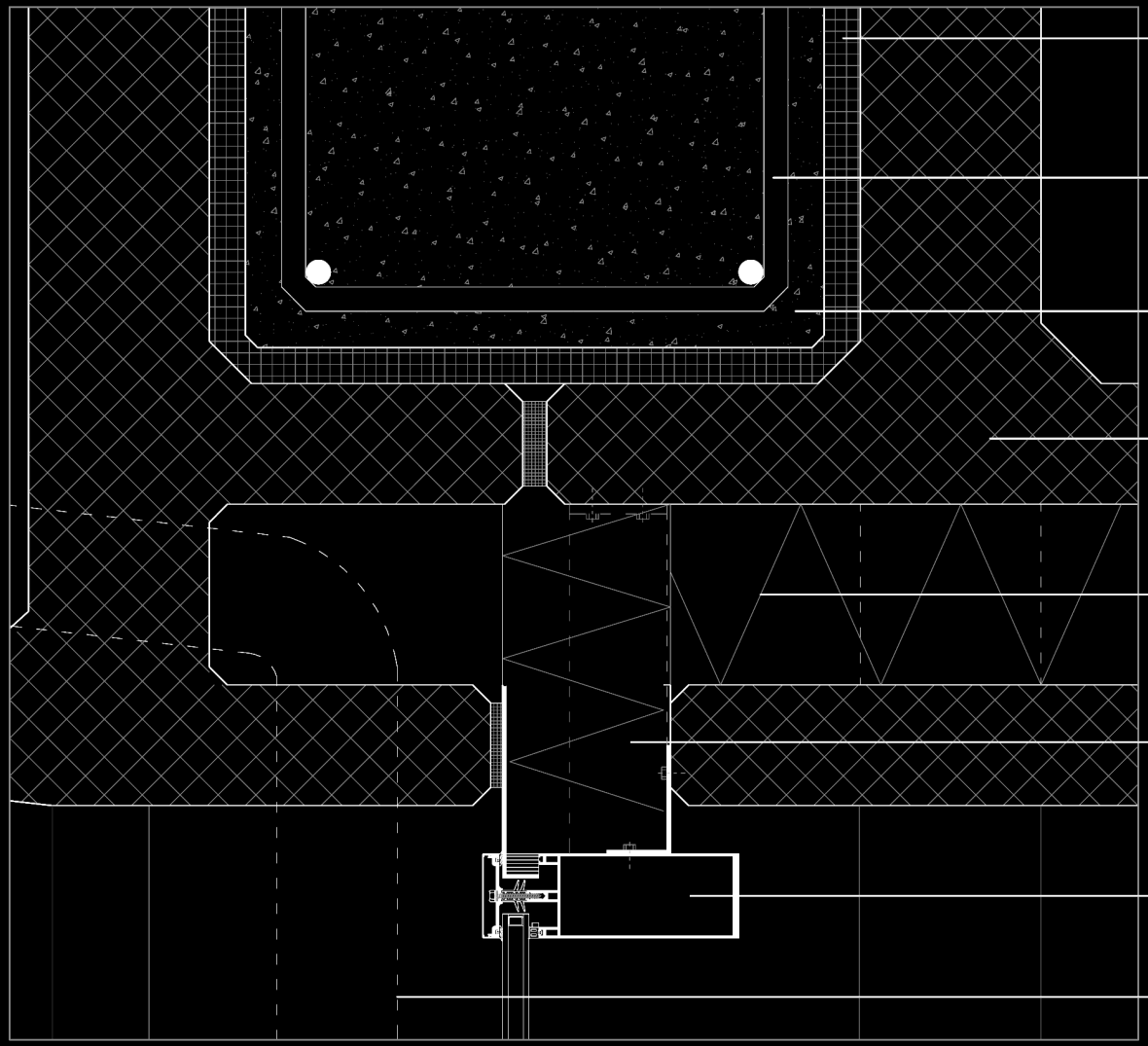
Tactile memory

Edward Hall


Sandlime brick filling 150x150x300
Metal lath
Cement and glass mosaic 20
Brass metal profile insertion 95
Leveling screed
Screed and floor heating/cooling pipe system 80
Insulation floor layer 150
Leveling screed
Reinforced concrete supporting wall 300
Cupolex structural ventilation system
Reinforced concrete bed 400
Concrete lean 180

Detail 7





Polystyrene 30

Finishing metallic reinforcement rod 20

Concrete beam casted in situ

Prefab concrete roof module with insulation layer

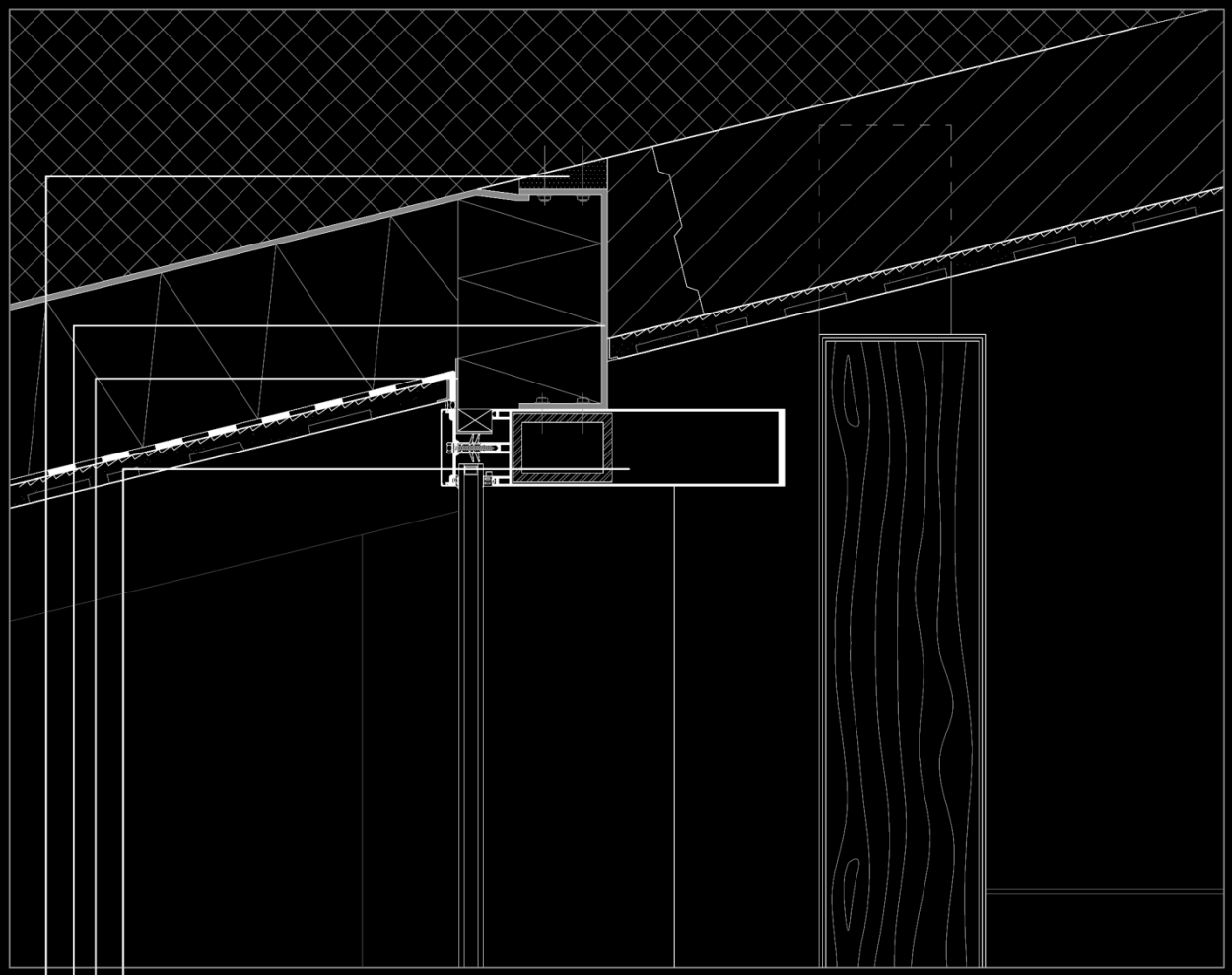
Insulation layer 150

Inner stud steel core fixed to ceiling and floor 60x90x8,15000h

Glazed wall crossbar 150x70

Drainage system

Detail 6



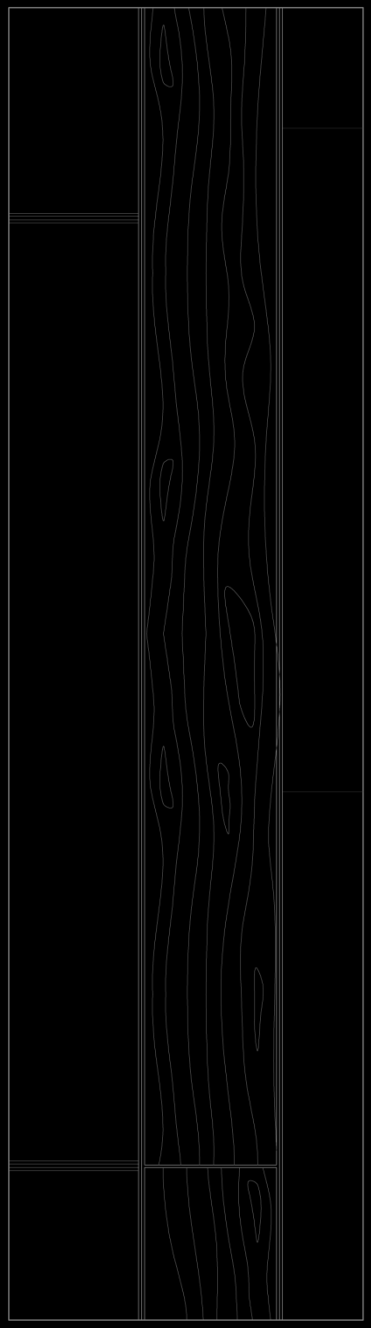
Glazed wall stud with inner steel core fixed to ceiling and floor
300x70-15000h, core 60x90x8-15000h

Finishing metal profile

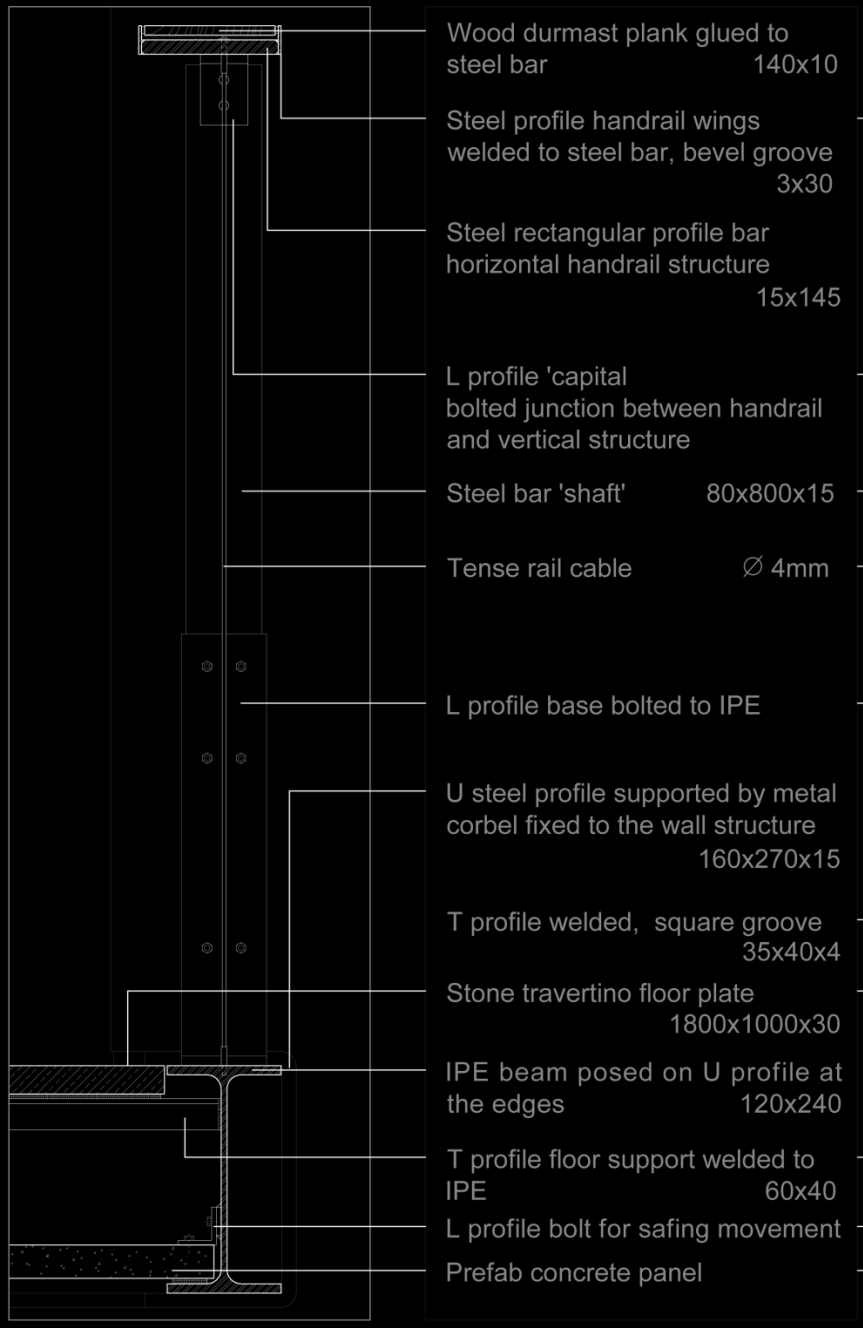
C steel profile fixing the stud to concrete lateral wall 80x200

Leveling layer of Teflon

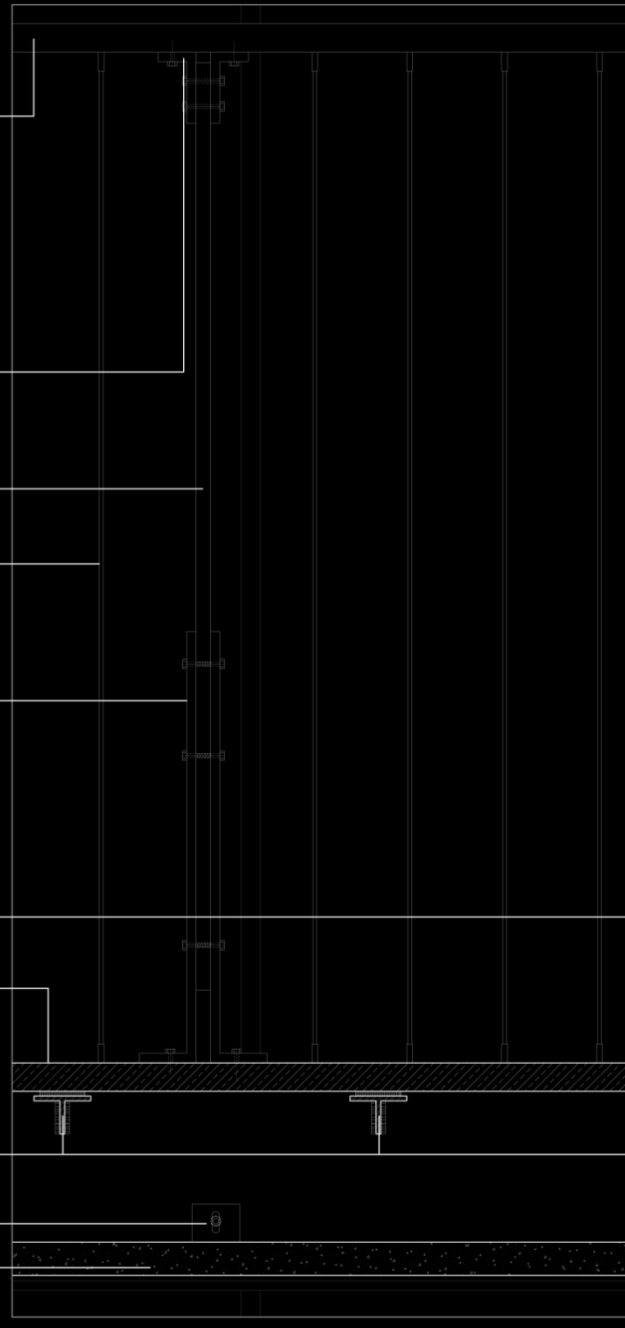
Detail 4



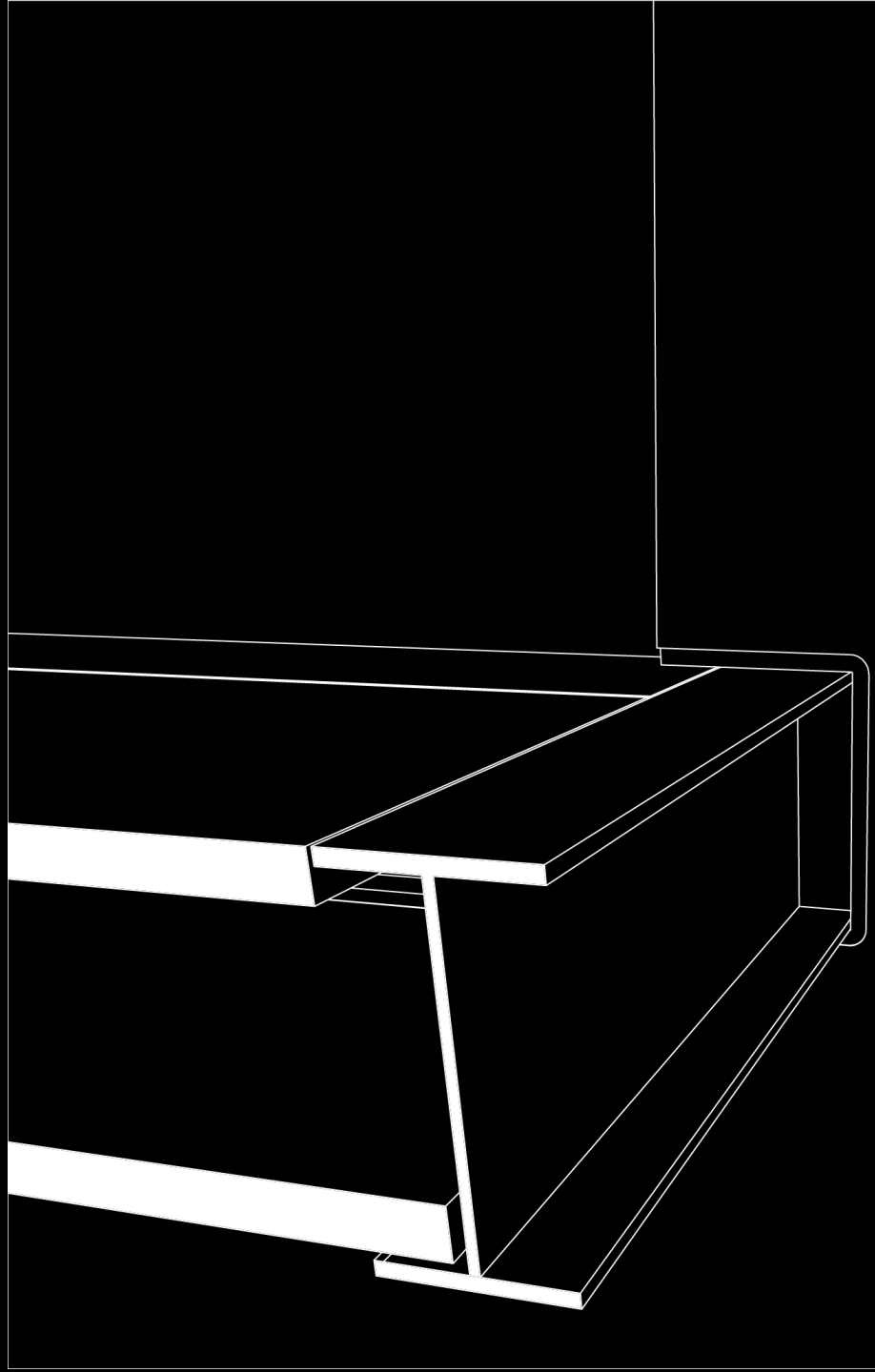
Detail 12



Detail 10



Detail 11



Wood durmast plank glued to steel bar 140x10

Steel profile handrail wings welded to steel bar, bevel groove 3x30

Steel rectangular profile bar horizontal handrail structure 15x145

L profile 'capital bolted junction between handrail and vertical structure

Steel bar 'shaft' 80x800x15

Tense rail cable ∅ 4mm

L profile base bolted to IPE

U steel profile supported by metal corbel fixed to the wall structure 160x270x15

T profile welded, square groove 35x40x4

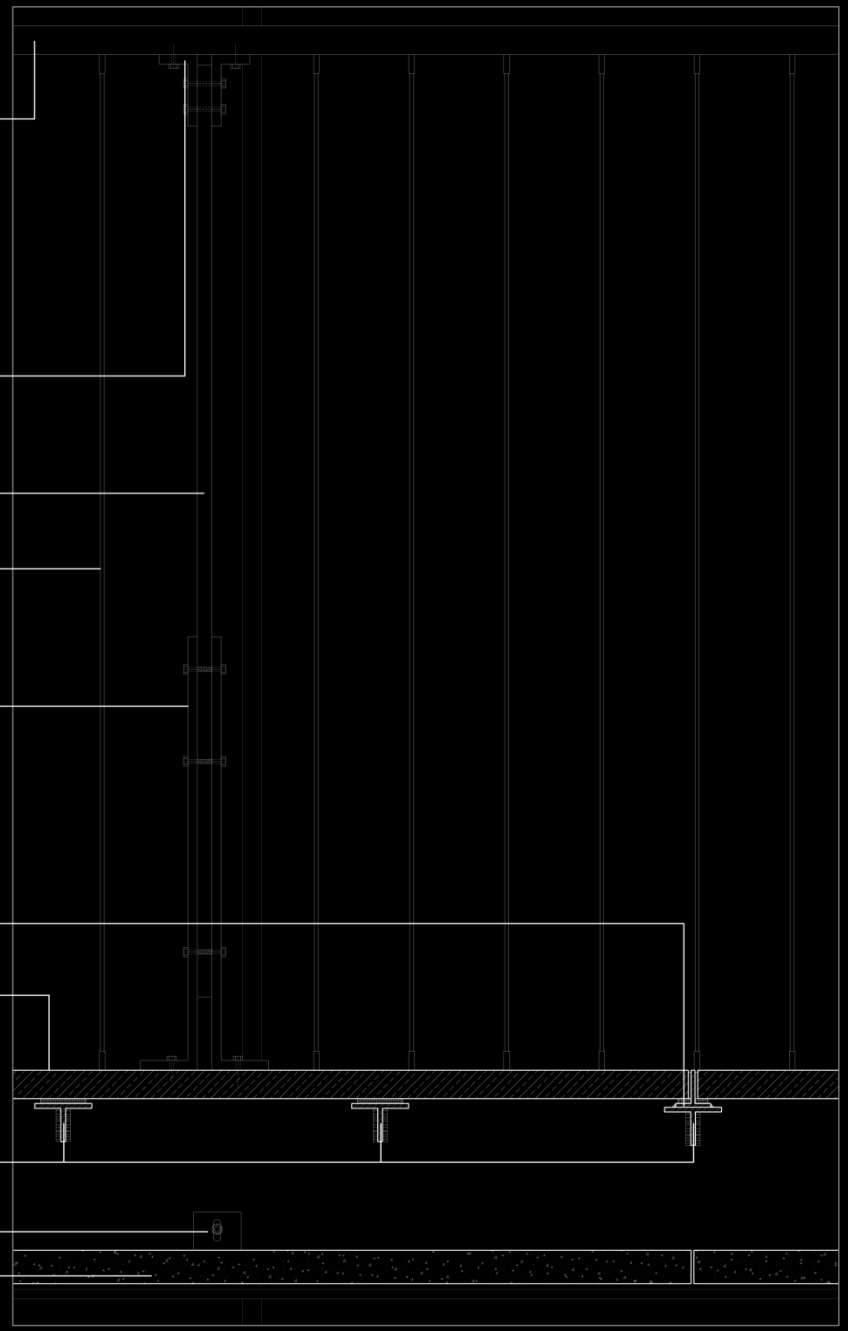
Stone travertino floor plate 1800x1000x30

IPE beam posed on U profile at the edges 120x240

T profile floor support welded to IPE 60x40

L profile bolt for safing movement

Prefab concrete panel



Detail 11

_Sign material

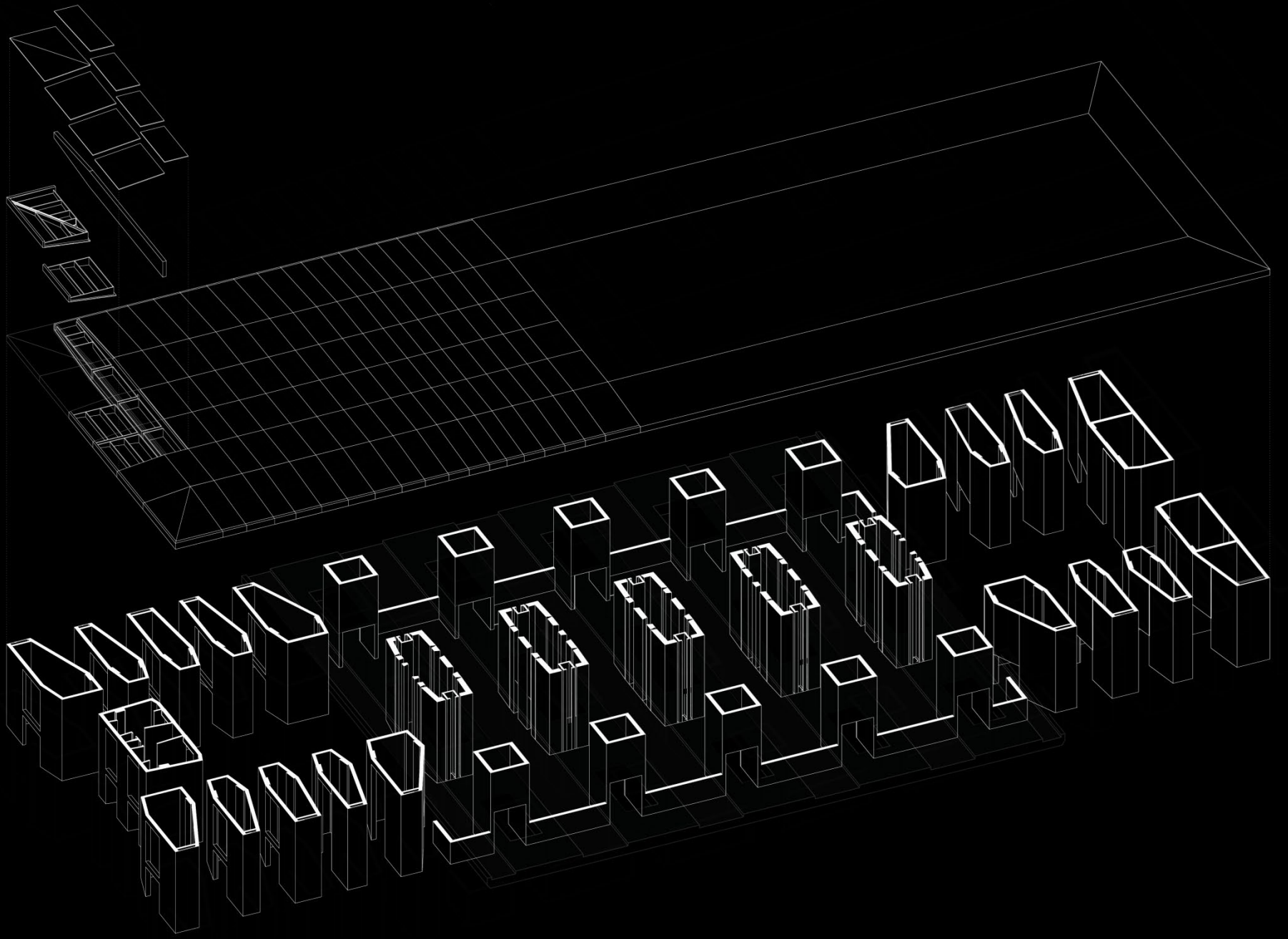
_Artificial light

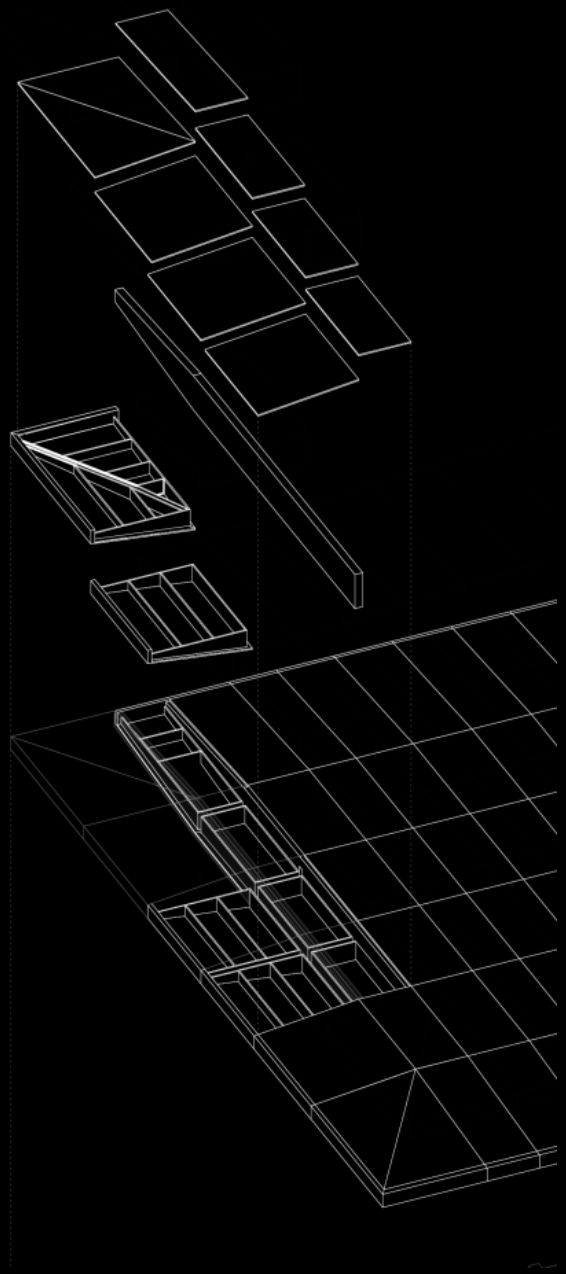
“Light has to interpret the space in which it is integrated in order to valorize that space”

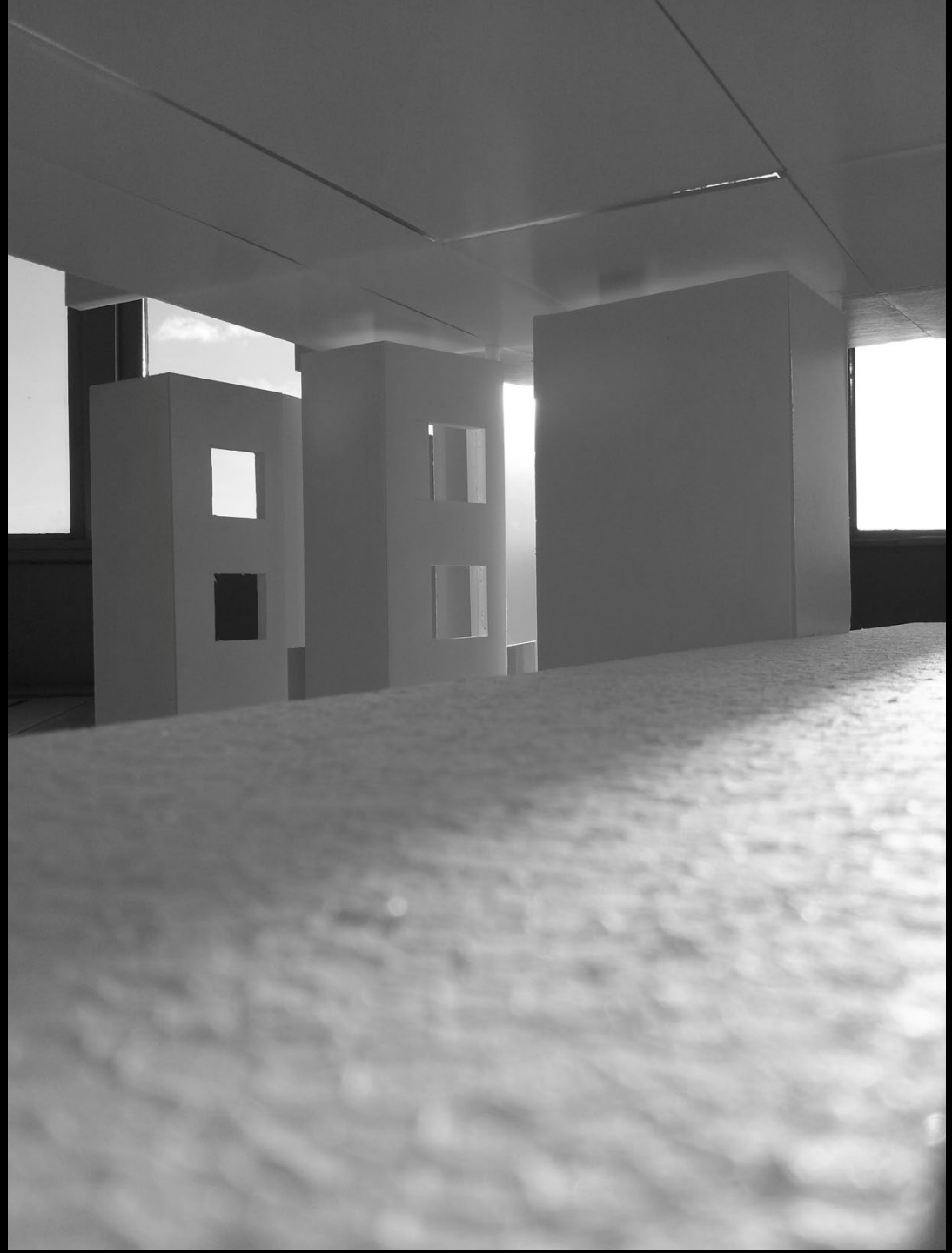
“It has never to be protagonist
but
it has to be an excellent servant”

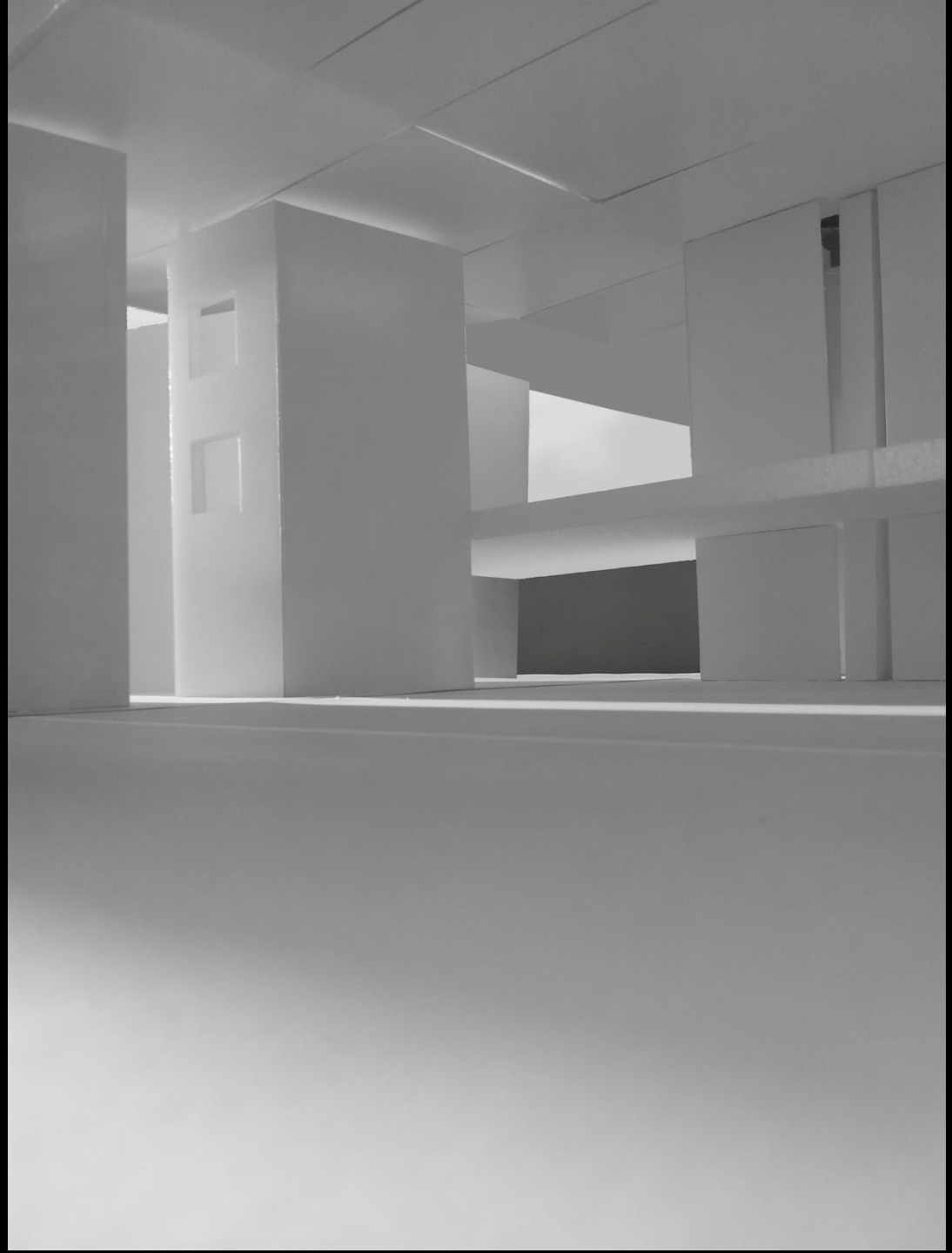
Piero Castiglioni

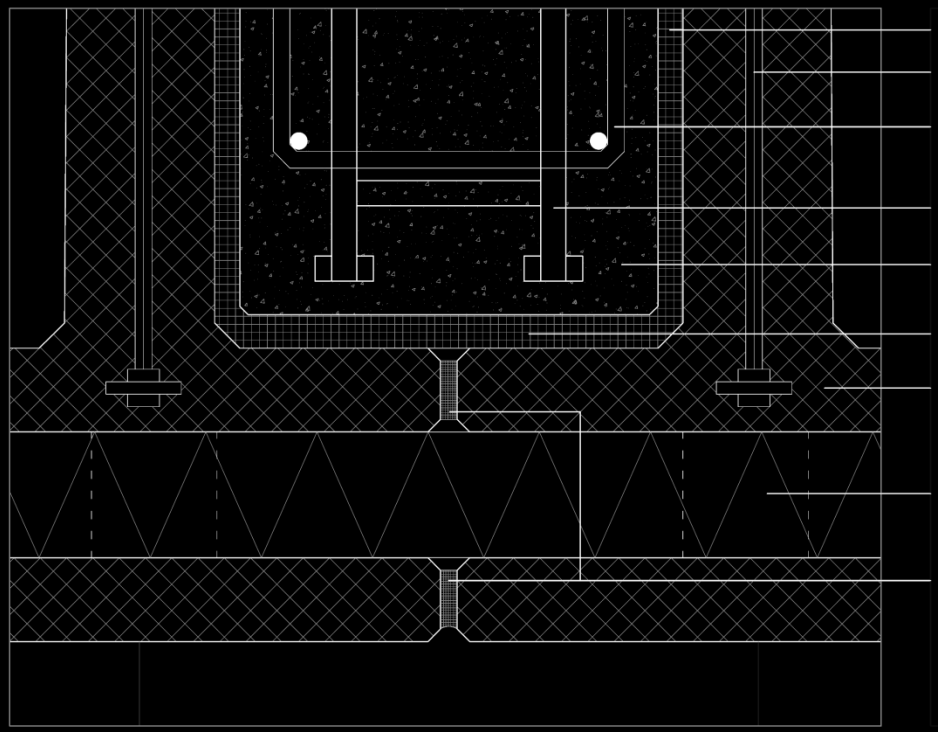
Structure



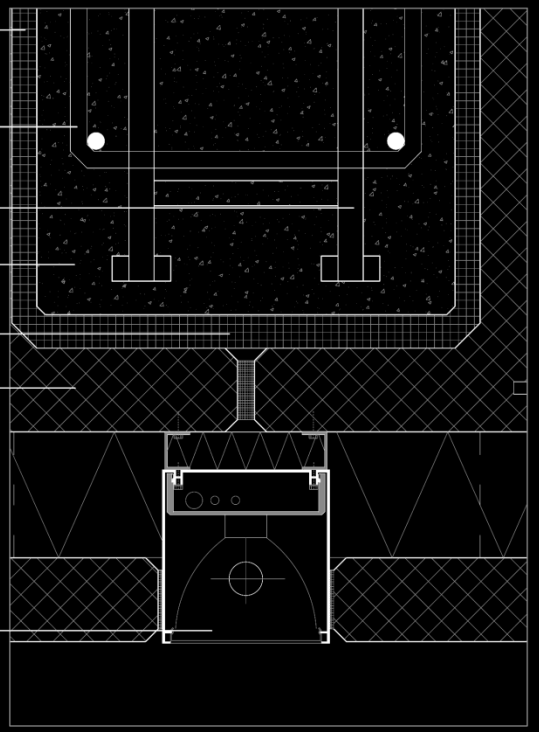






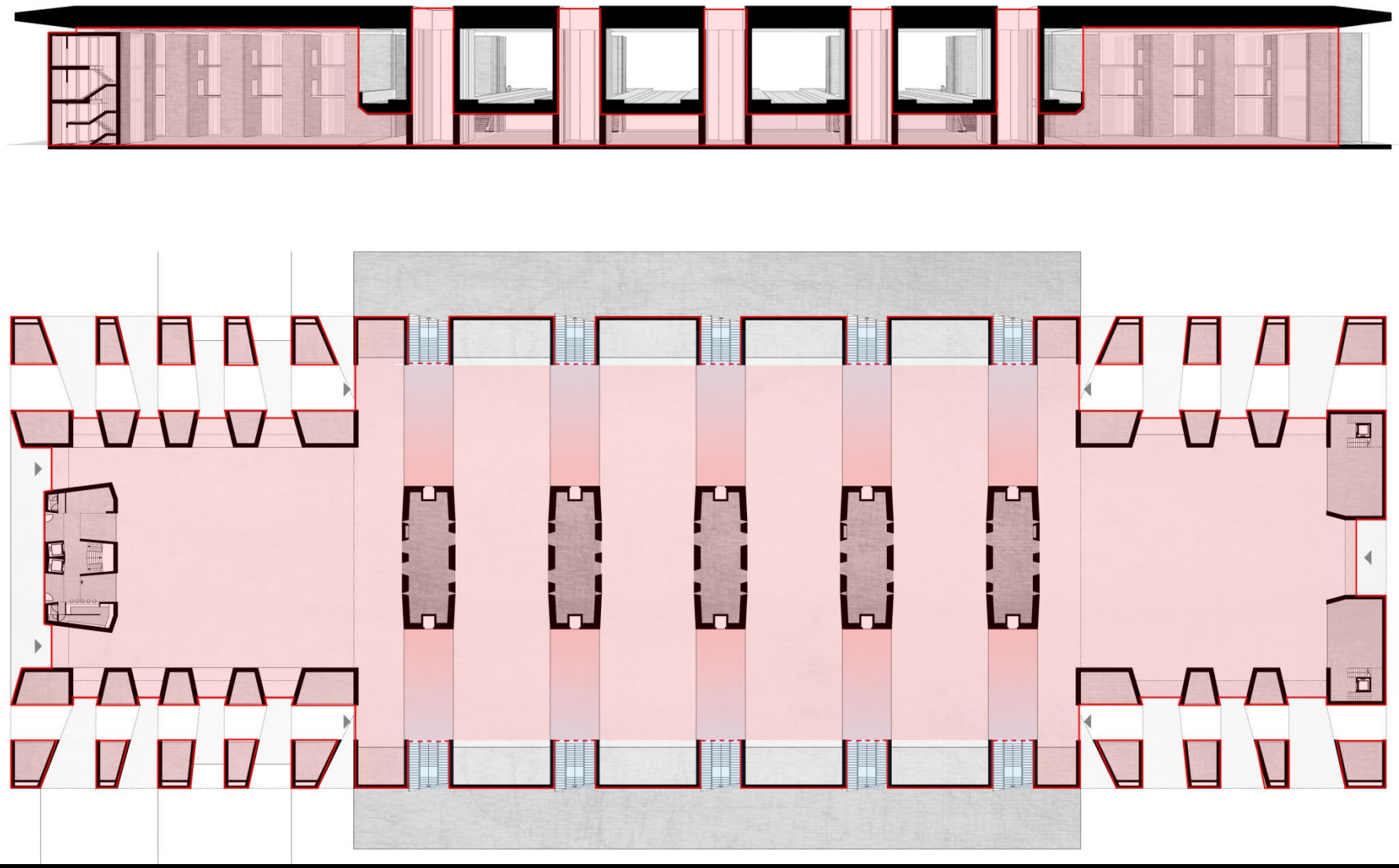


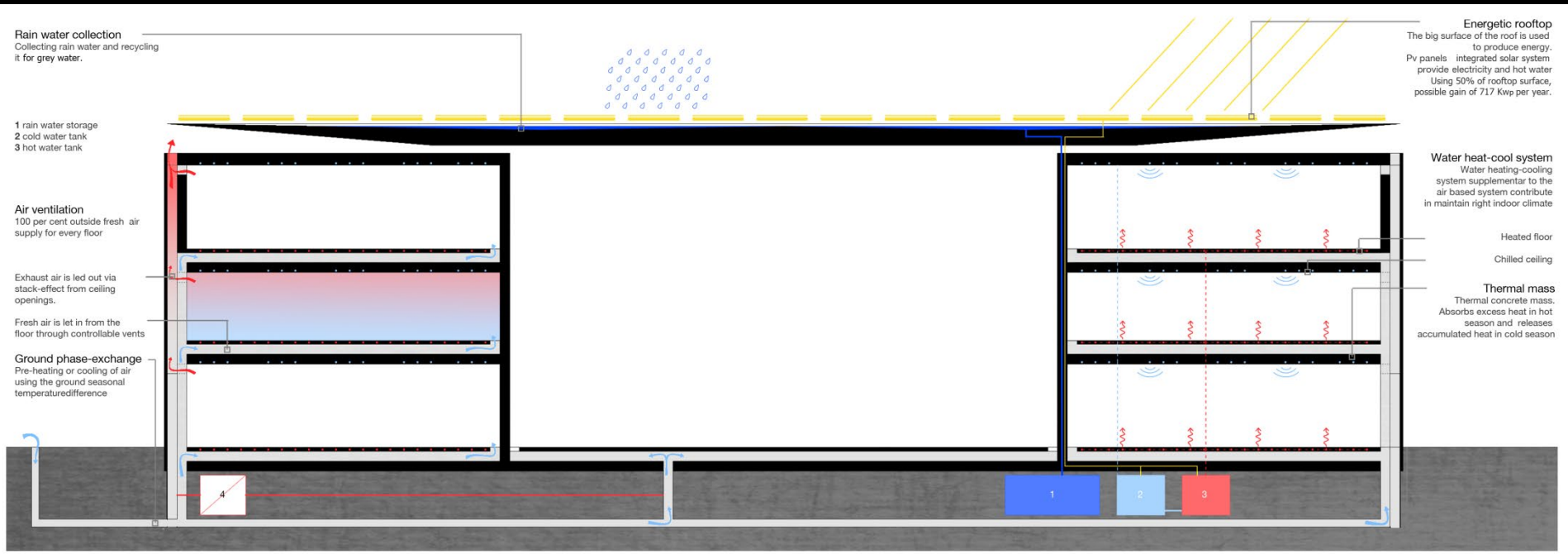
Polystyrene 30
Anchor bar ∅ 20
Finishing metallic reinforcement rod 20
Truss structure
Concrete beam casted in situ
Polystyrene 40
Prefab concrete roof module with insulation layer
Insulation layer 150
Movement joints
Possible insertion of light system or necessary service installations in-between the roof modules joint



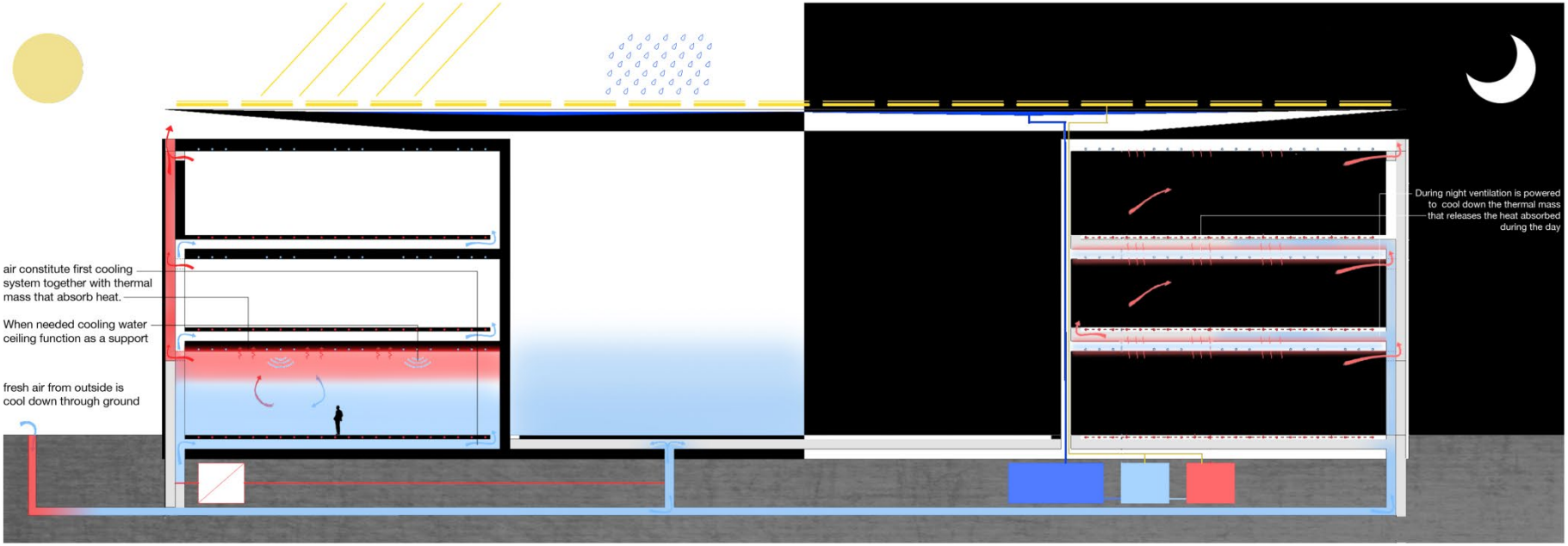
Detail 13

Detail 13 variant

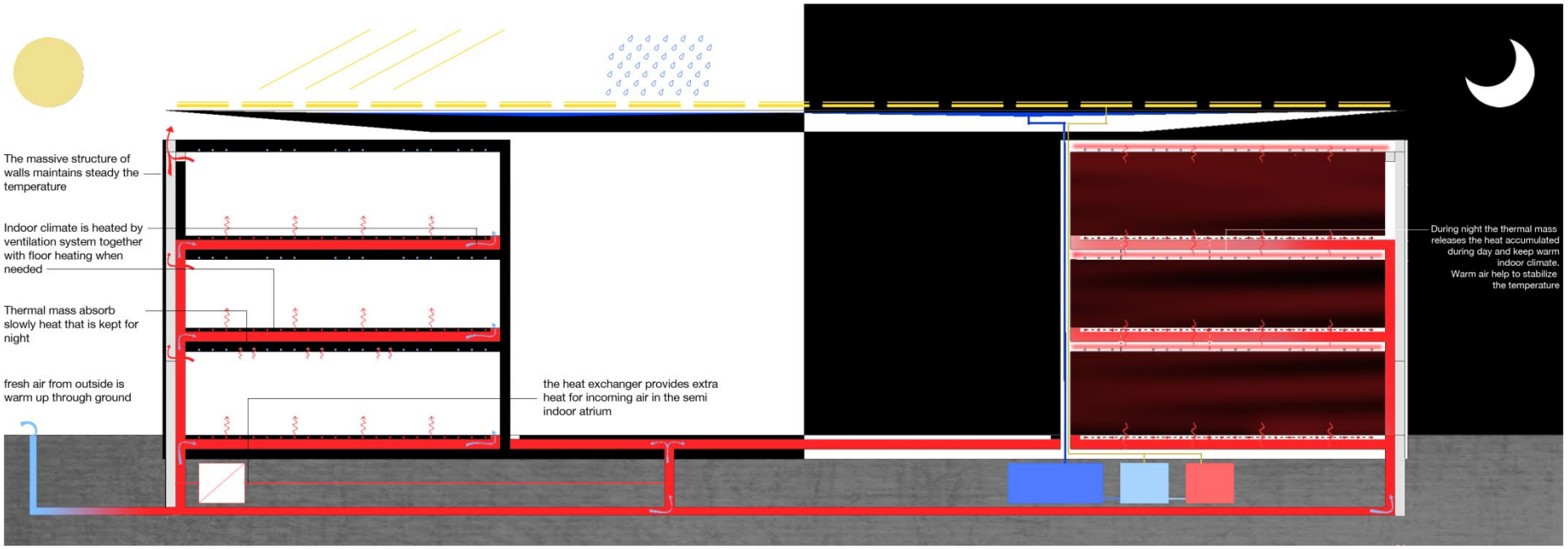




Overall climate scheme



Summer condition



Winter condition

Forward Flexibility