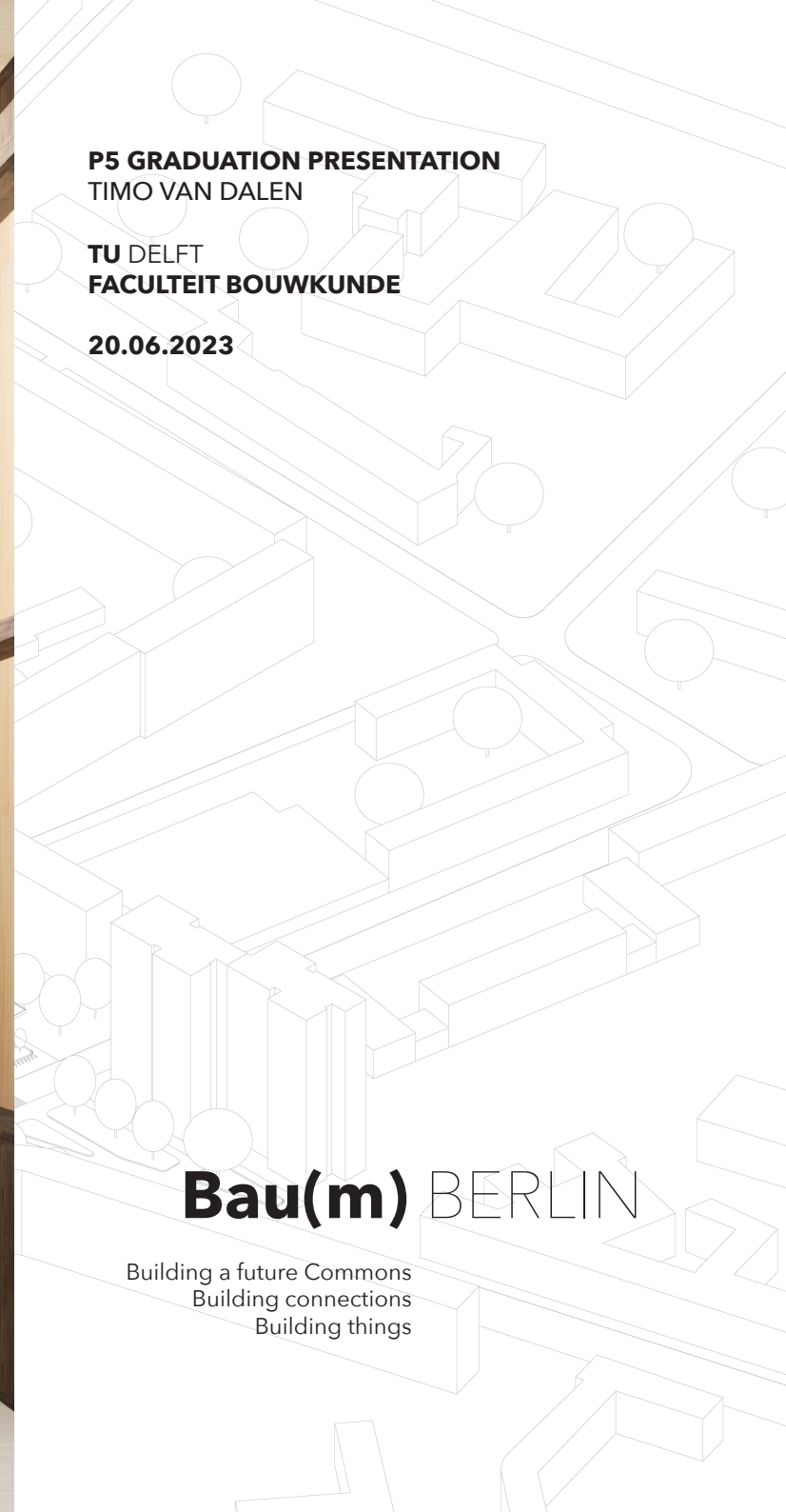




P5 GRADUATION PRESENTATION
TIMO VAN DALEN

TU DELFT
FACULTEIT BOUWKUNDE

20.06.2023



Bau(m) BERLIN

Building a future Commons
Building connections
Building things

The background of the entire page is a detailed isometric line drawing of a city block. It features various rectangular buildings of different heights and widths, interspersed with numerous circular shapes representing trees. The drawing is composed of thin, light gray lines on a white background, creating a clean, architectural aesthetic.

Bau(m) BERLIN

Building the Future Commons
Building Connections
Building Things

The background of the entire page is a light gray isometric line drawing of a city street grid. It features various rectangular blocks representing buildings, some with internal details like windows or courtyards. Scattered throughout the grid are numerous small circles, each with a short vertical line underneath, representing trees. The perspective is from an elevated angle, looking down at the city layout.

Bau(m)ultiplicity

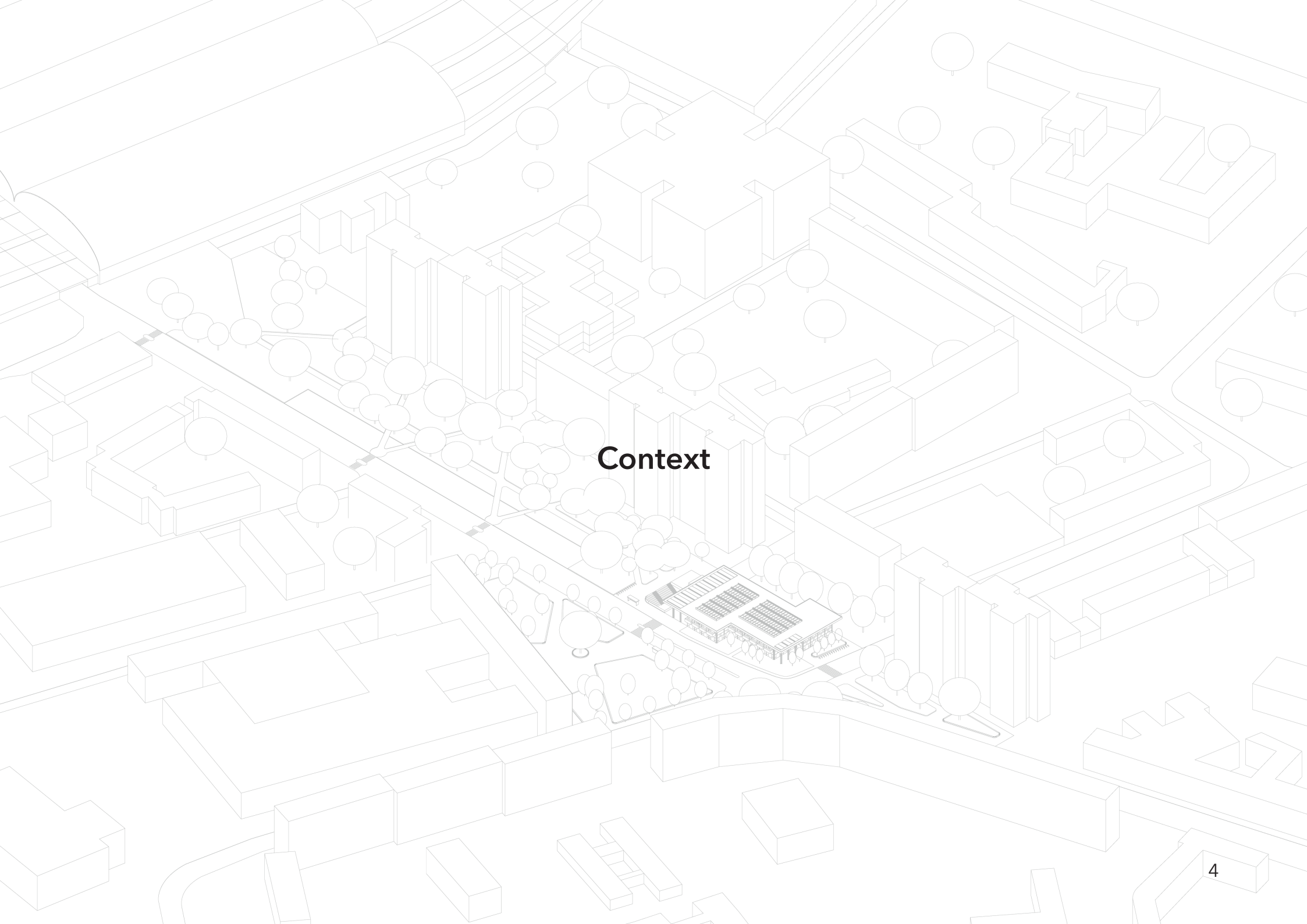
Building the Future Commons
Building Connections
Building Things

CONCEPT

Building the Future Commons

Building Connections

Building Things



Context

THE WALL

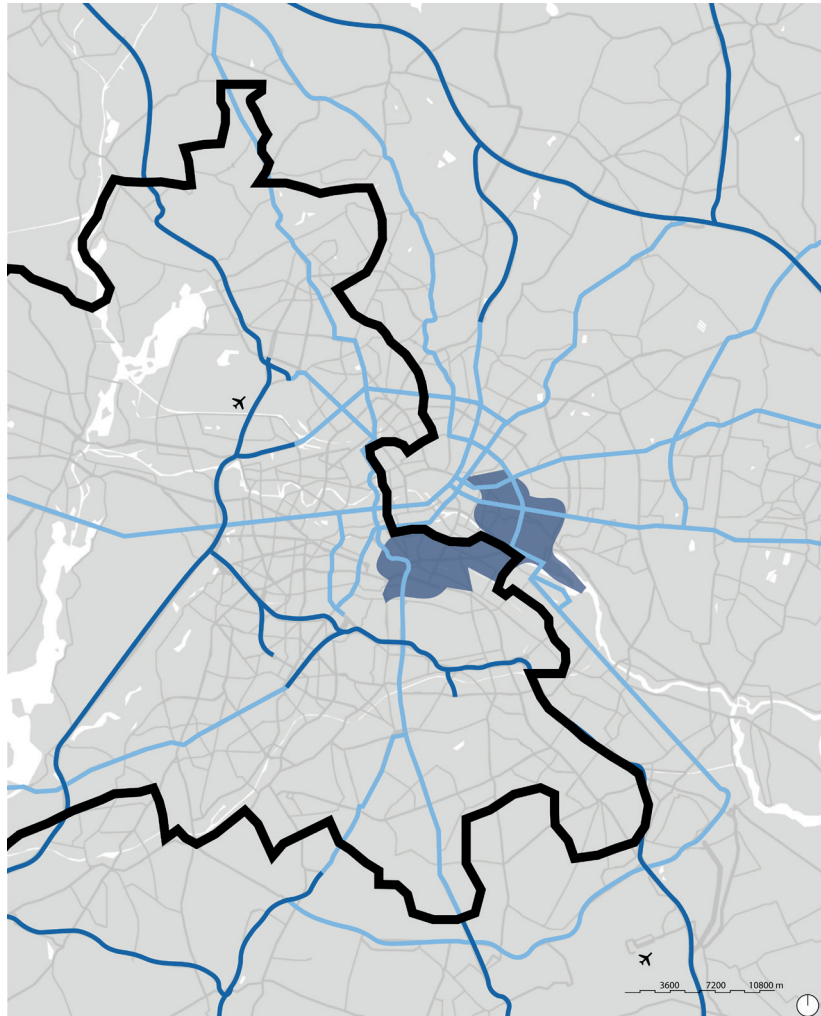


View at Brandenburger Tor

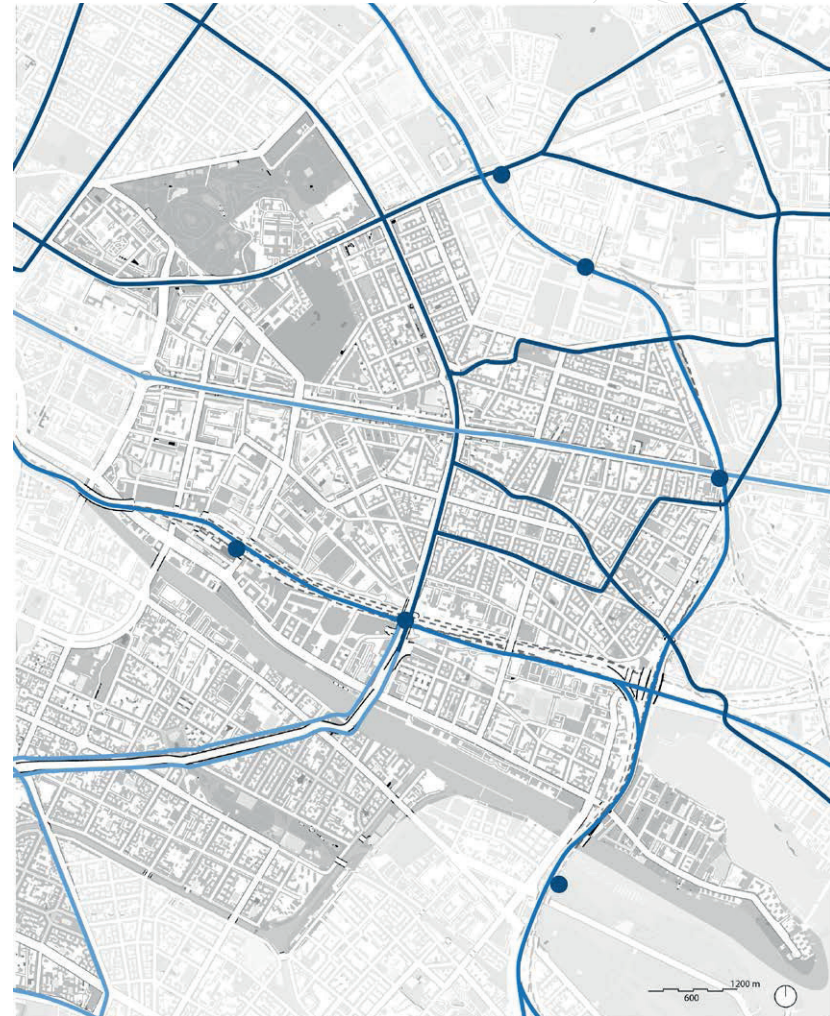


View from East Berlin

CITY AND DISTRICT MAP



Berlin



Friedrichshain-Kreuzberg

BRIEF AREA



Brief area (Friedrichshain West)



Pedestrian routes and green space

URBAN CHARACTERS



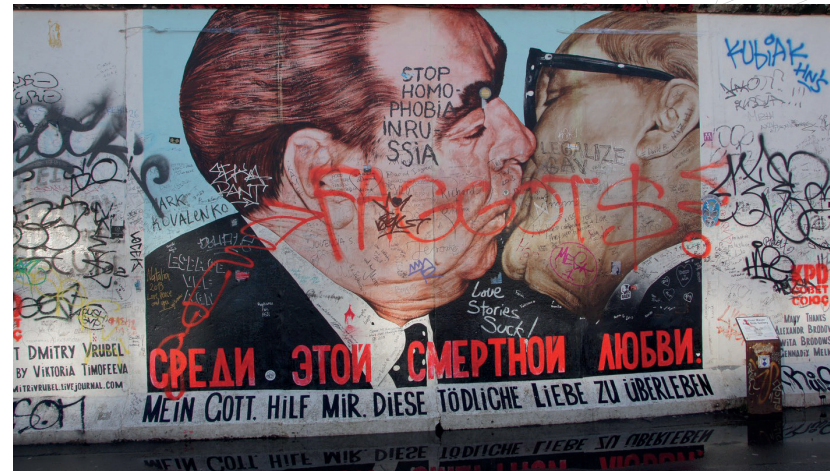
Ostbahnhof



Karl Marx Allee

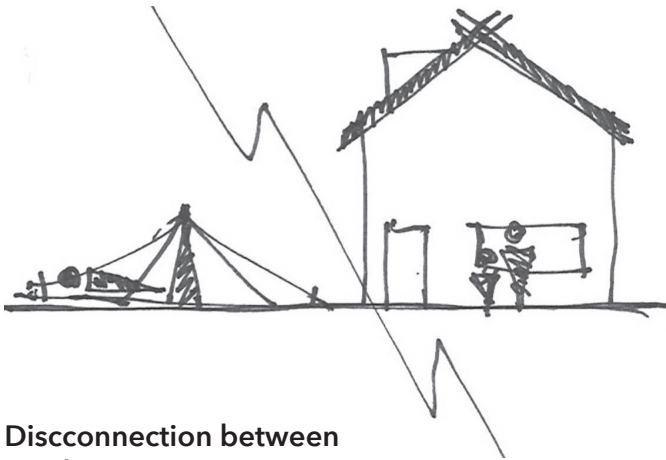


Berghain

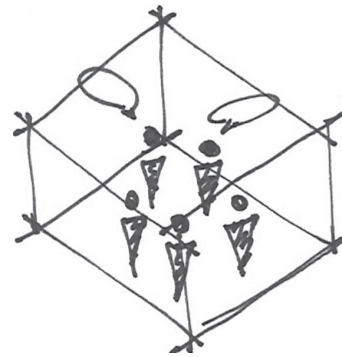


East Side Gallery

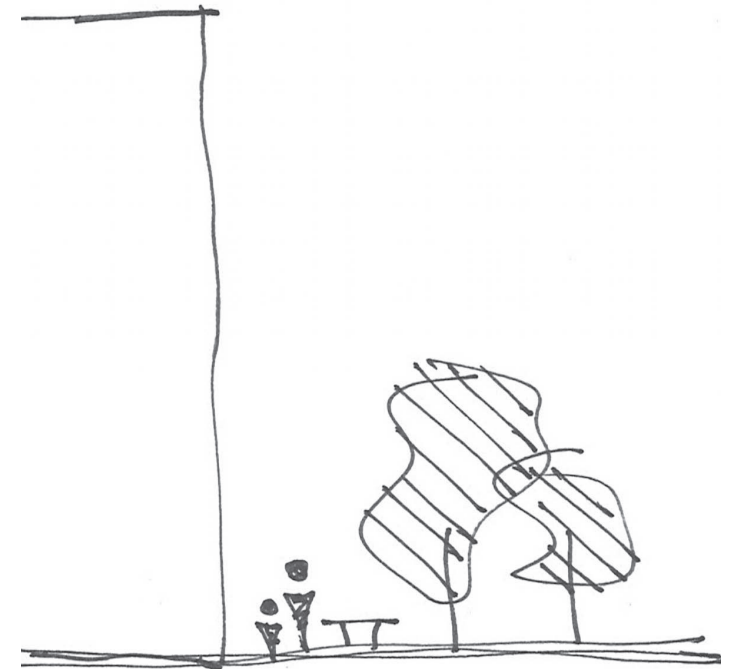
ENCOUNTERED PROBLEMS



Disconnection between residents



Missing framework for social (re-)integration



Low quality green space

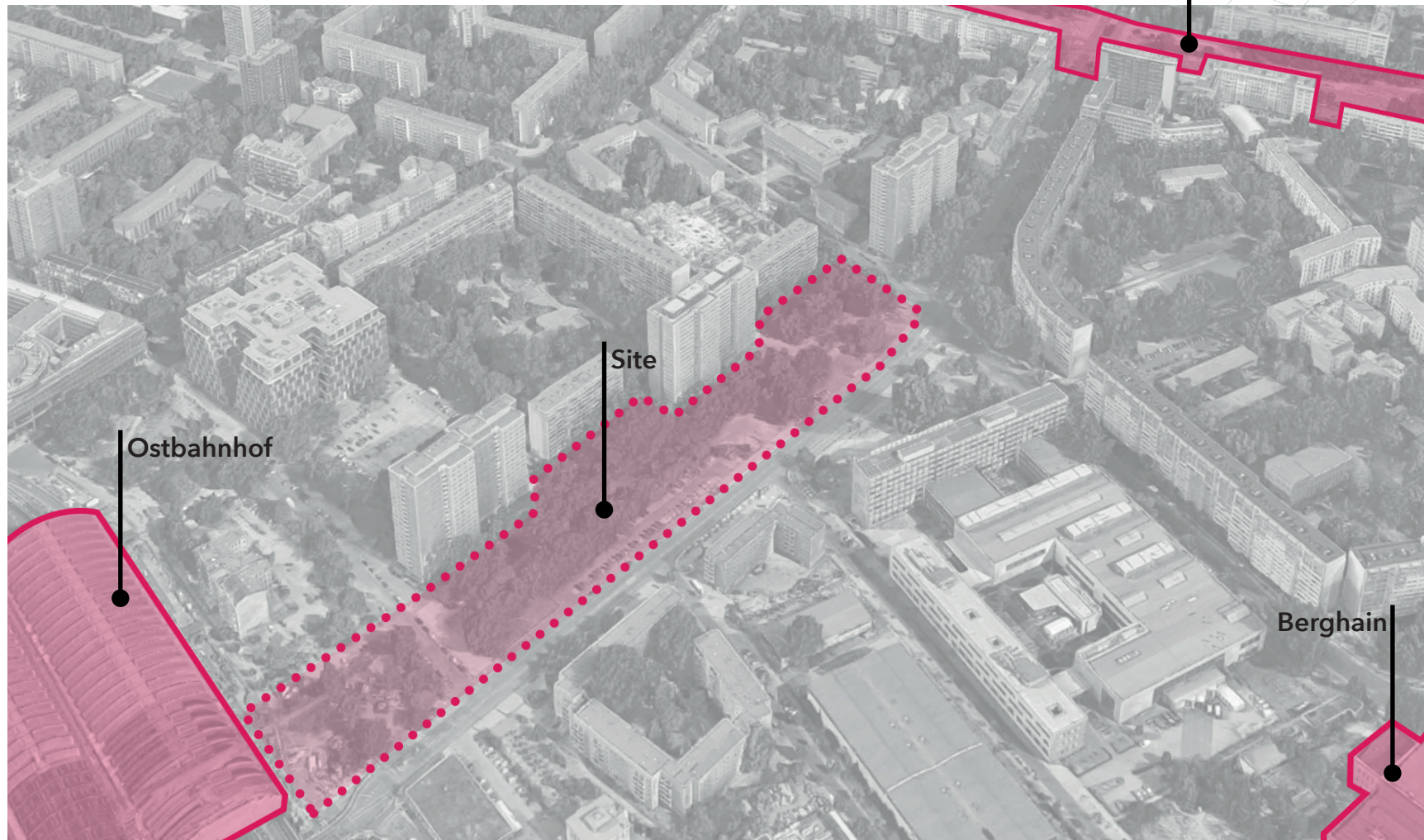


*"What if there could be **an architecture** that **pushes interaction** so that the **social gap** between people could be **bridged** whilst functioning as a **platform** that helps people to **(re-) enter society**?"*



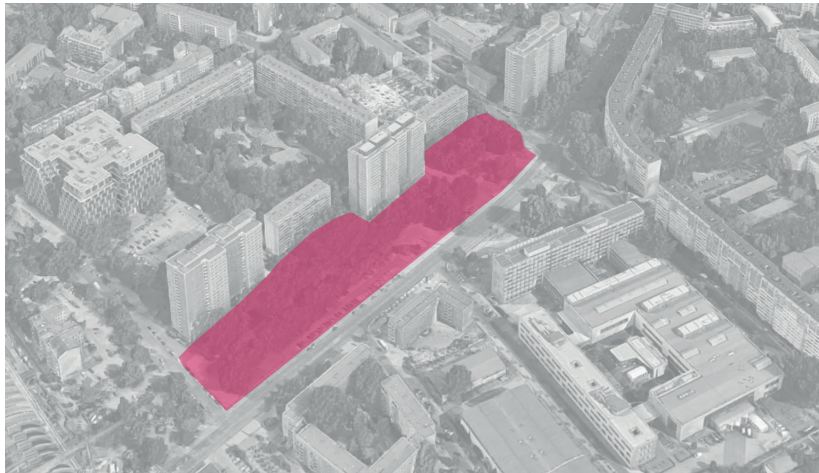
Site

SITE LOCATION



Urban overview

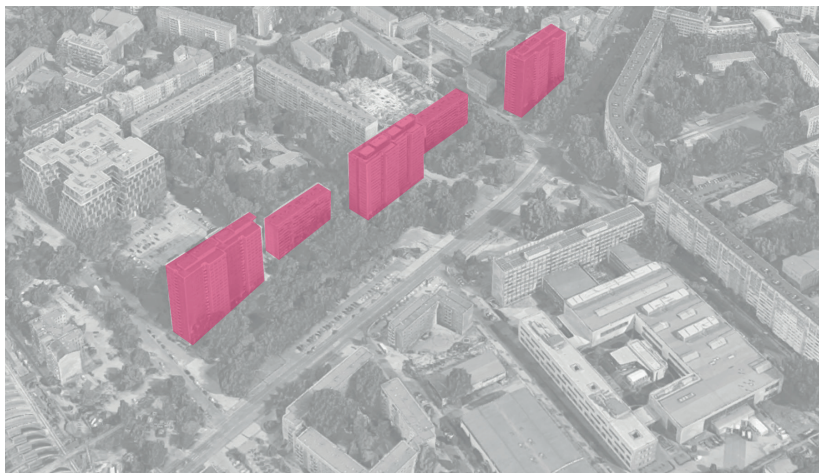
SITE CHARACTERISTICS



Park



Straße der Pariser Kommune

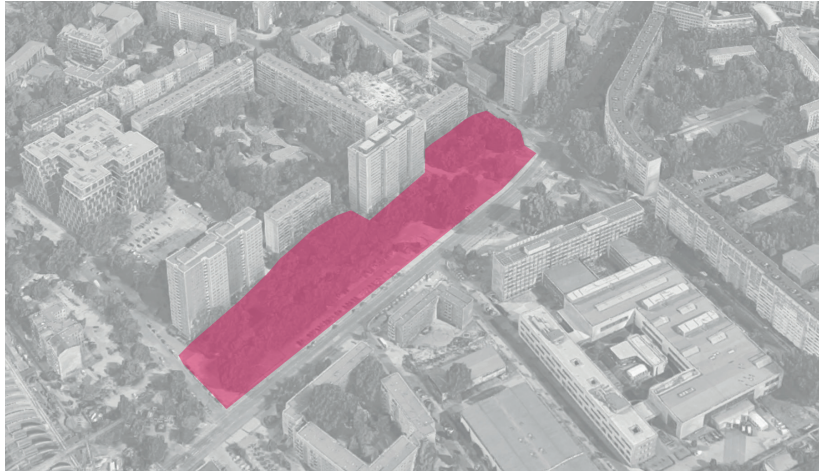


Plattenbau (up to 60m)



Neues Deutschland Newspaper Building

PARK



Park zone



Linear track



Open Spots



Underground Car Park (out of use)

Straße der Pariser Kommune



Straße der Pariser Kommune



Straße der Pariser Kommune

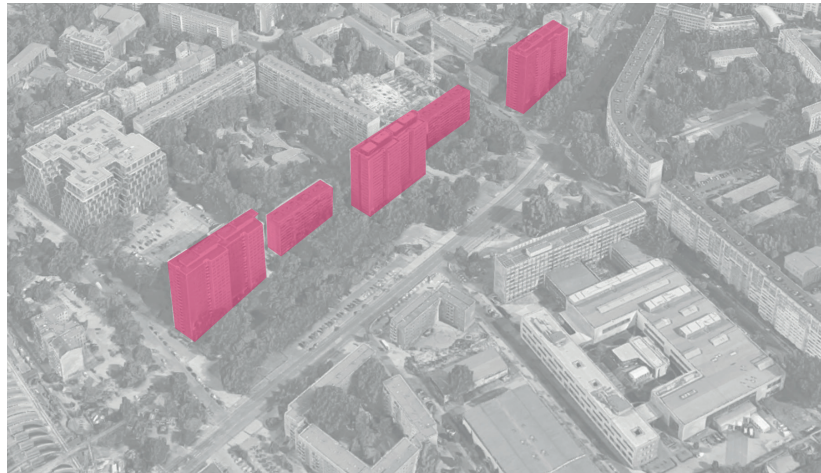


Car park along street



Car park along street

Plattenbau



Plattenbau (up to 60m)



Plattenbau (from park)

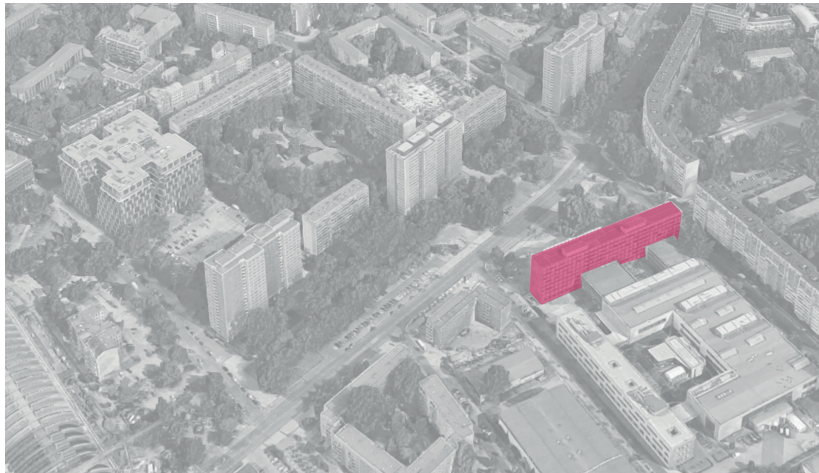


Plattenbau (station side)



Plattenbau (Karl Marx Allee side)

Neues Deutschland



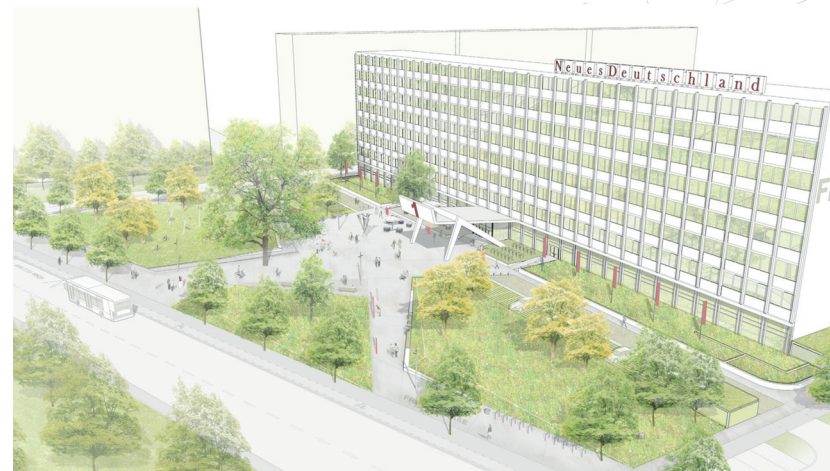
Neues Deutschland Newspaper Building



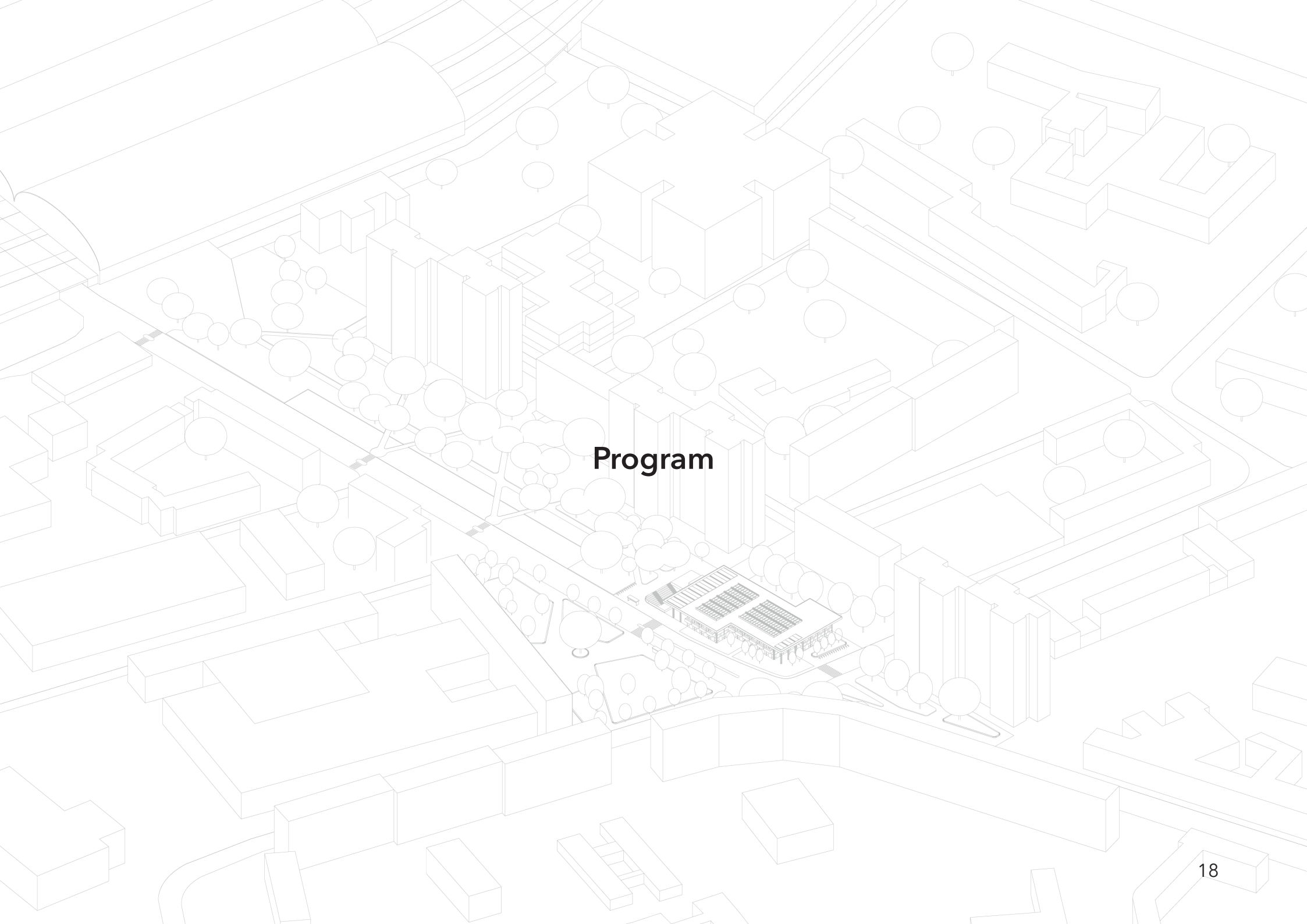
Neues Deutschland from Karl Marx Allee



Neues Deutschland from intersection



Neues Deutschland park redesign

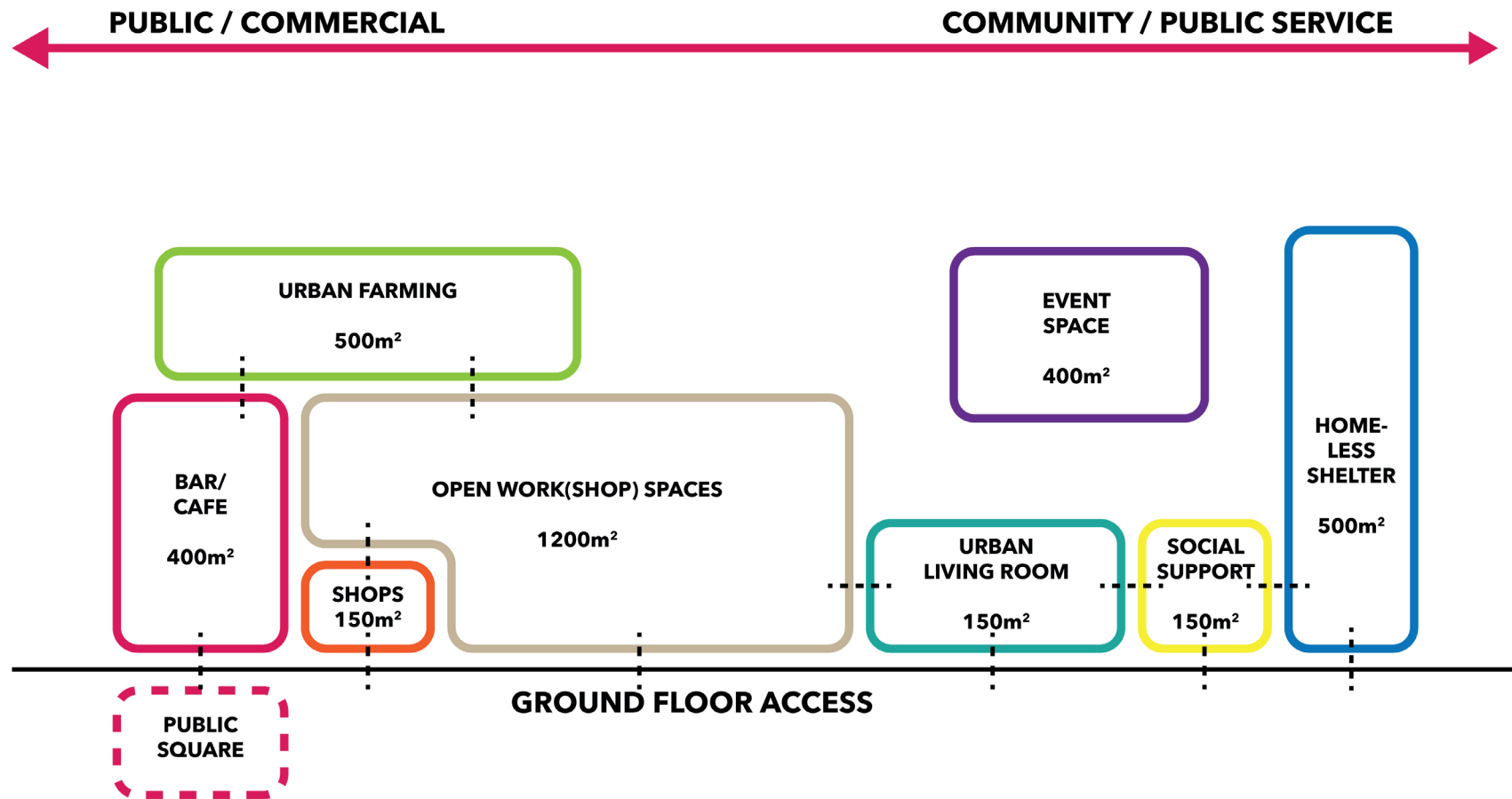


Program

BUILDING PROGRAM



BUILDING PROGRAM



PRECEDENT VISIT



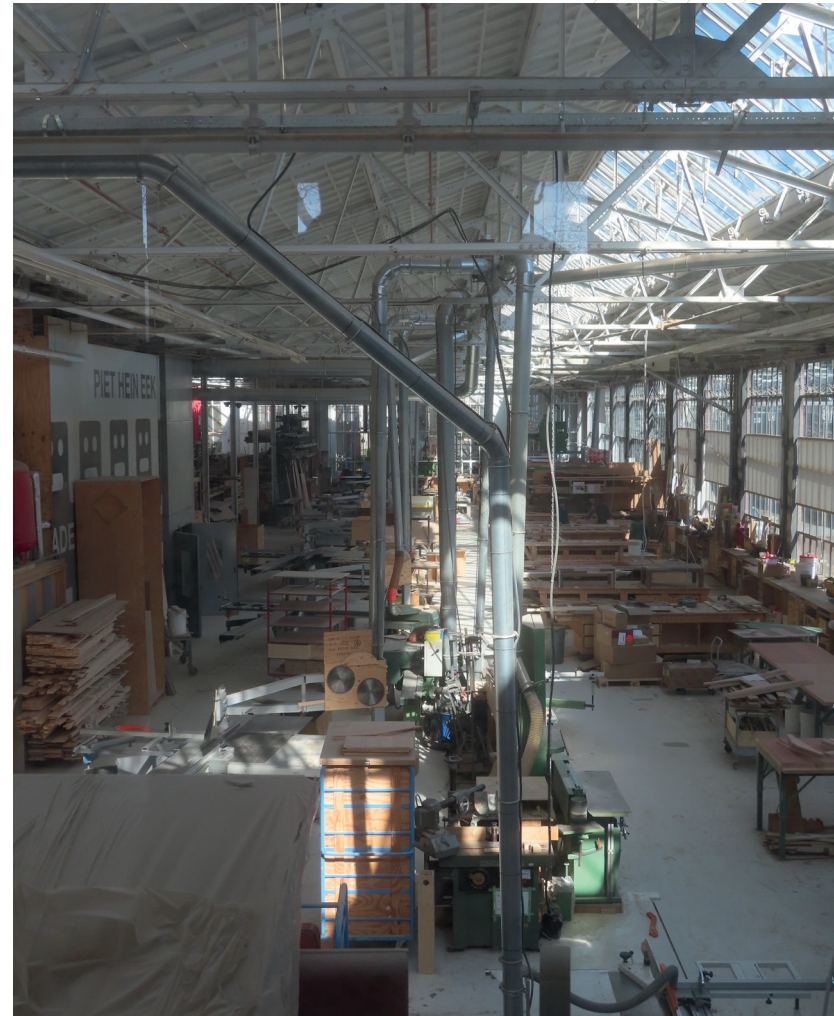
Pluspunt Rotterdam



PRECEDENT VISIT



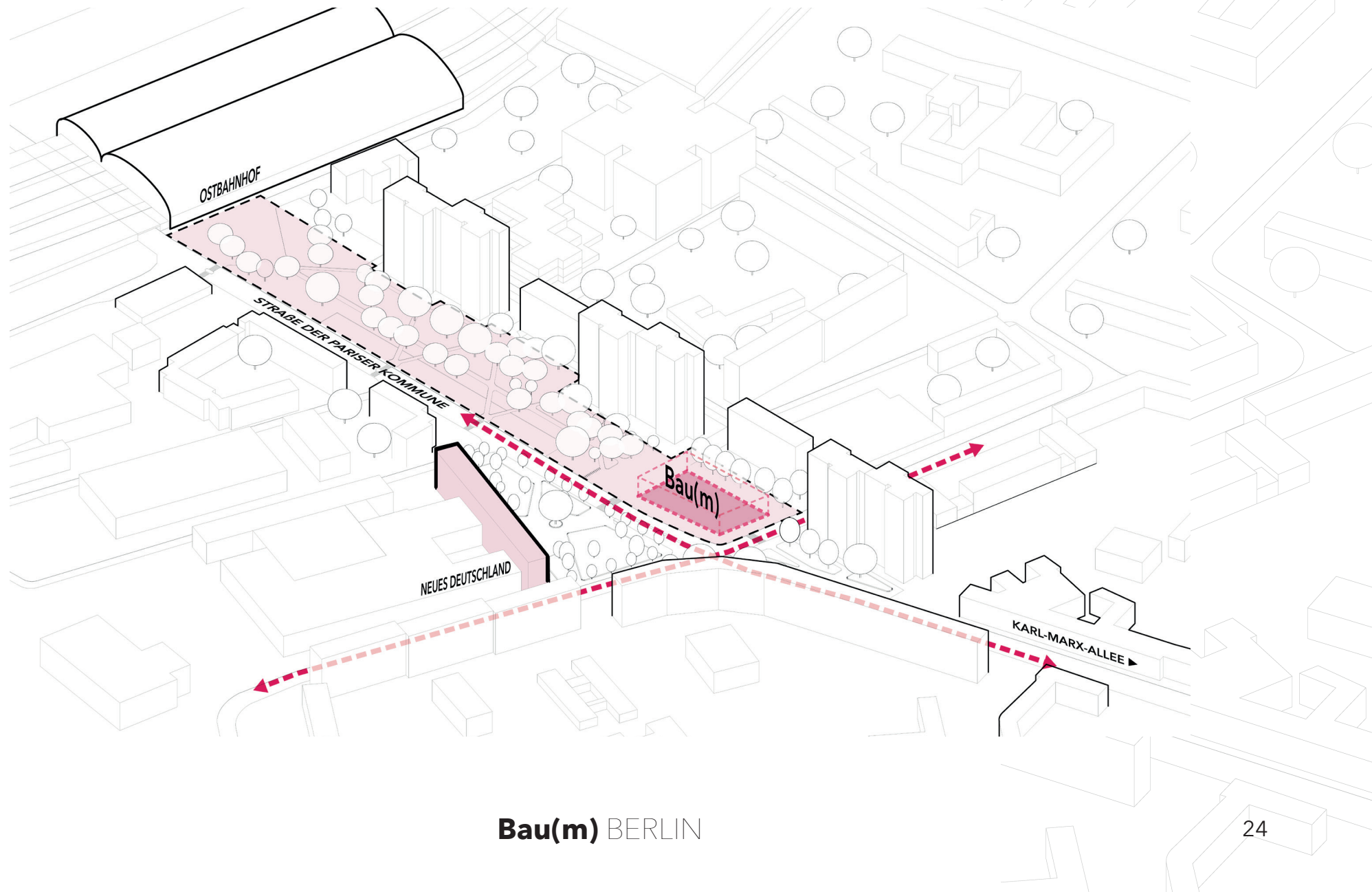
Design / Craft studio Piet Hein Eek (Eindhoven)



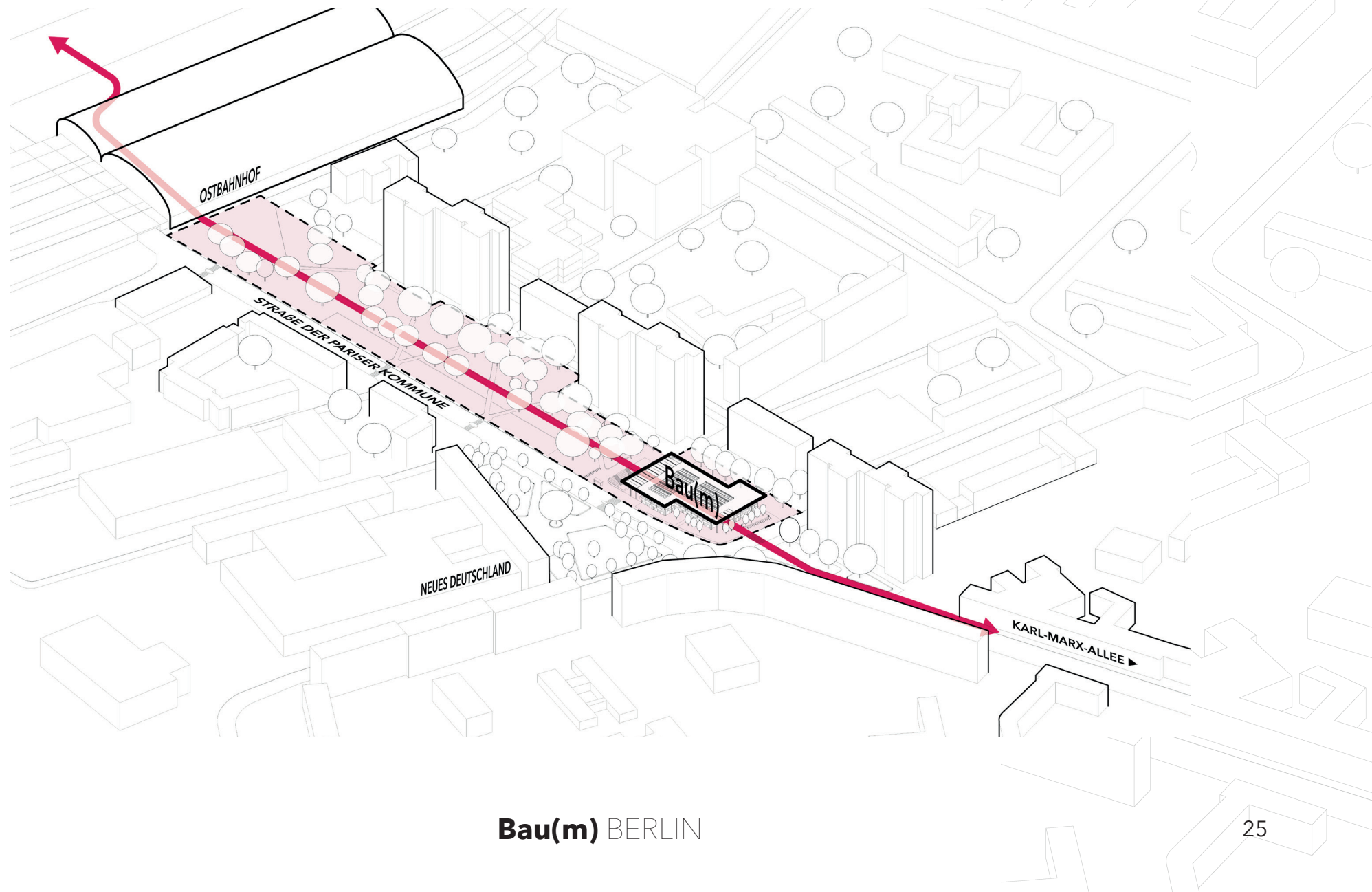


Urban Scale

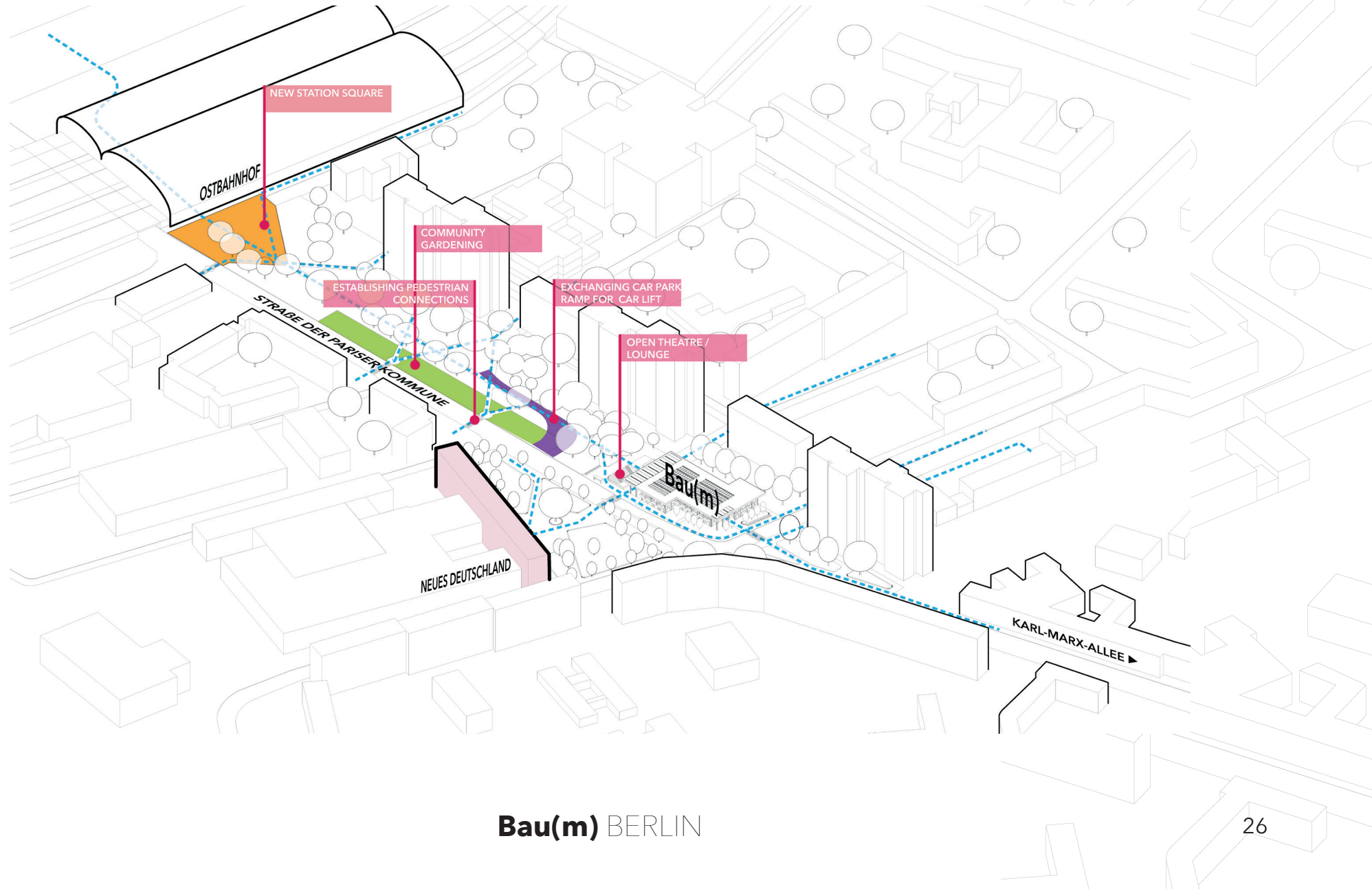
BUILDING LOCATION



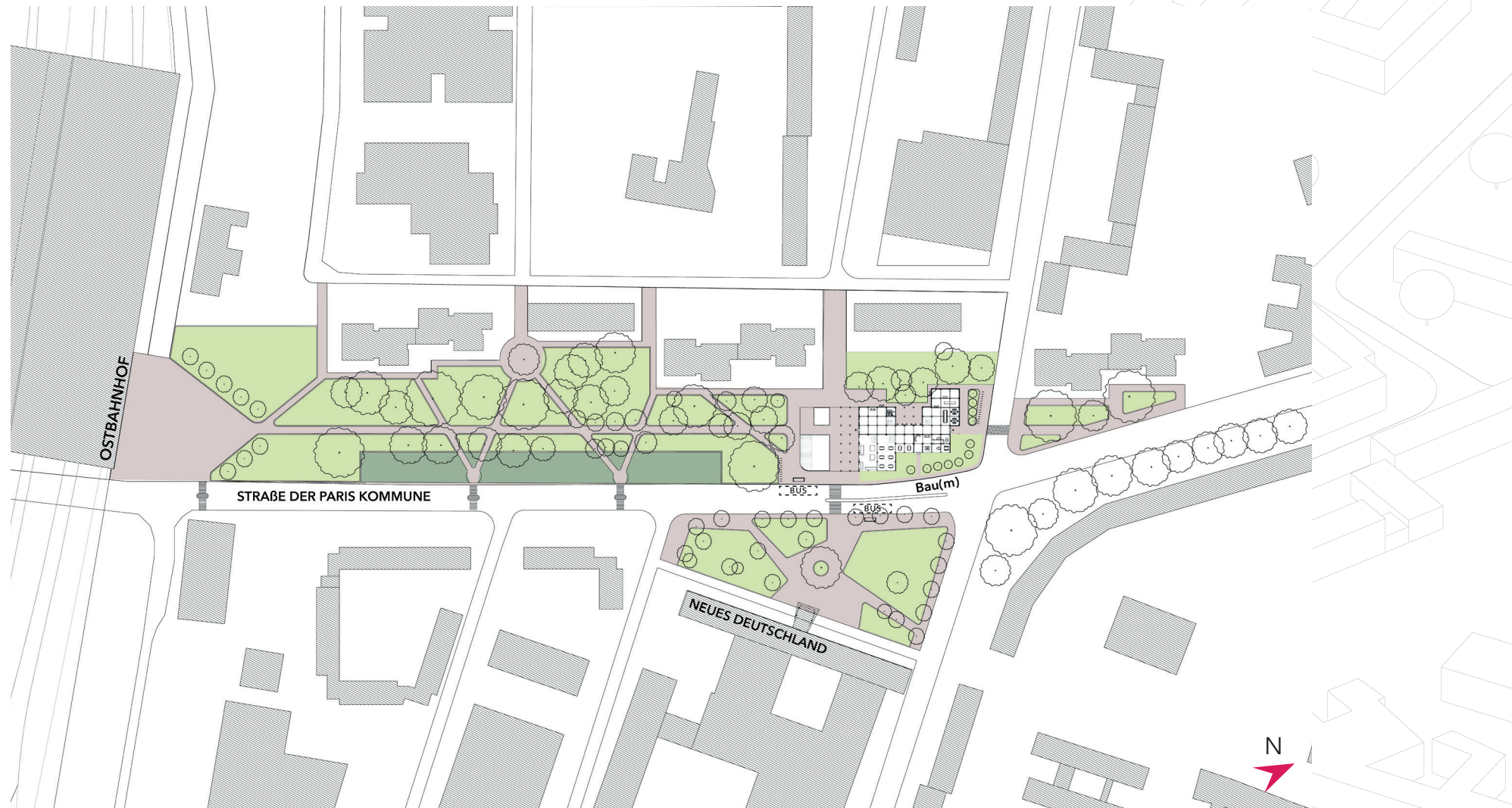
URBAN PEDESTRIAN ROUTE



SITE ADAPTATIONS



URBAN PLAN



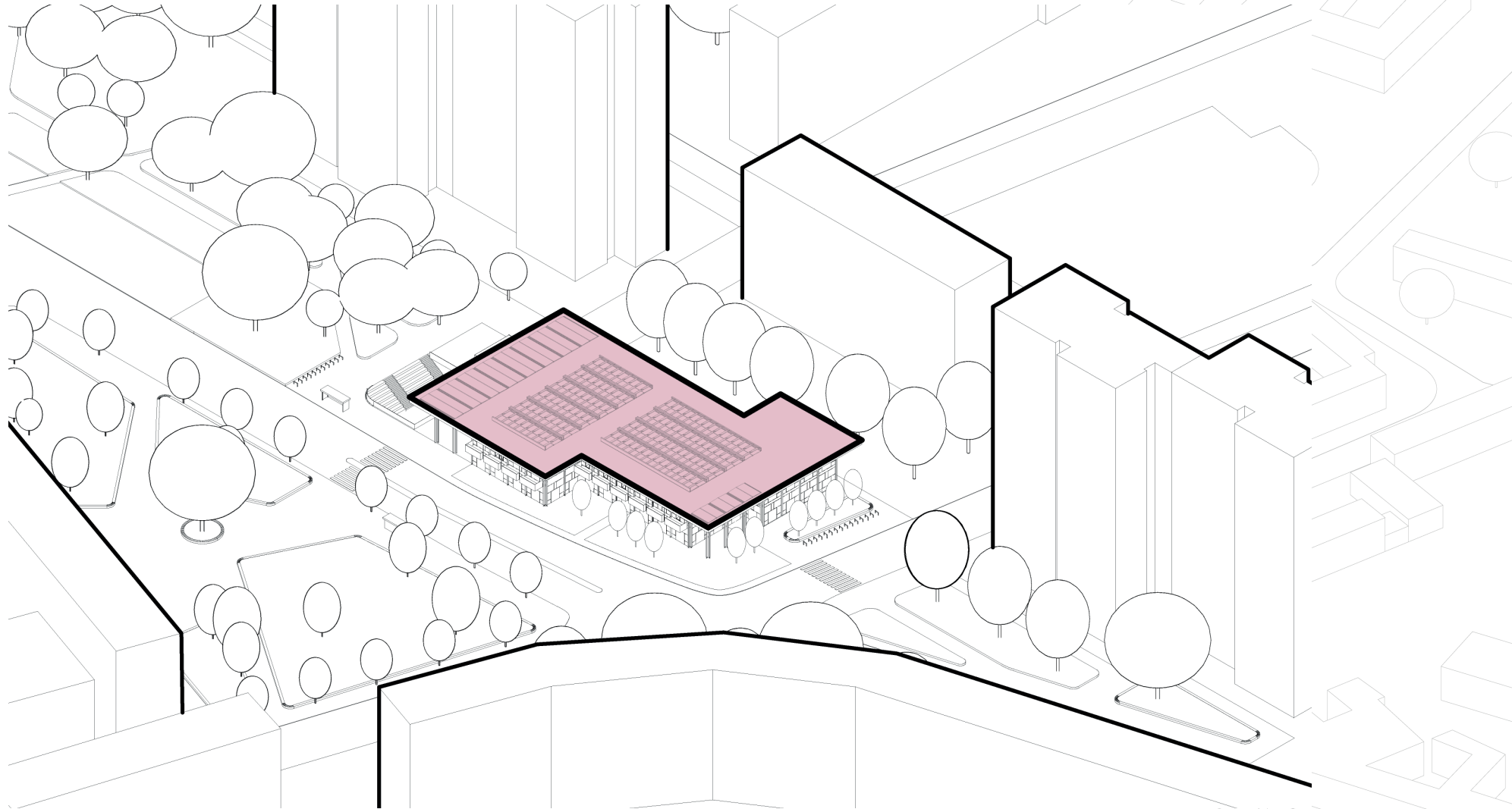
URBAN AXIS



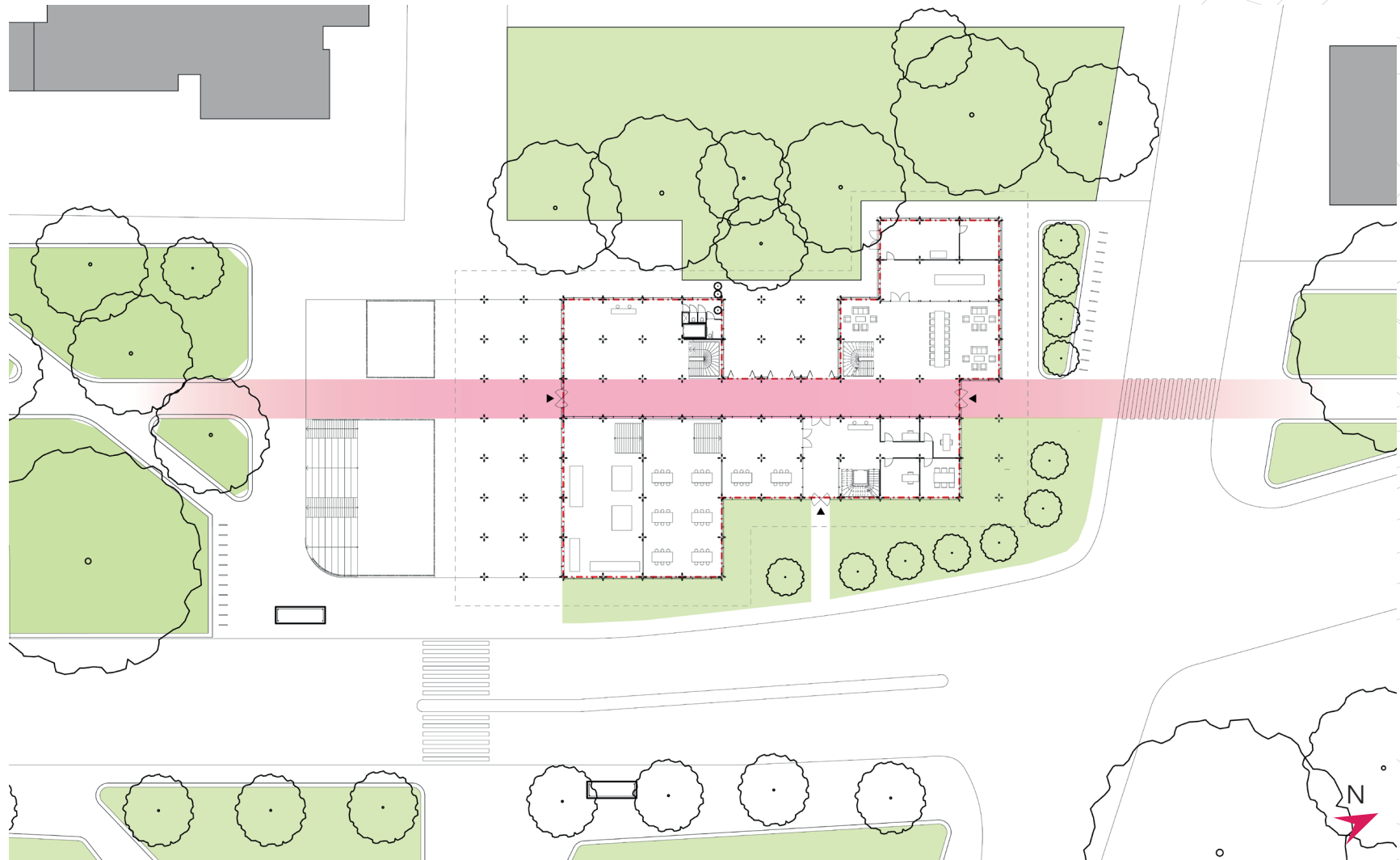
URBAN ROUTE

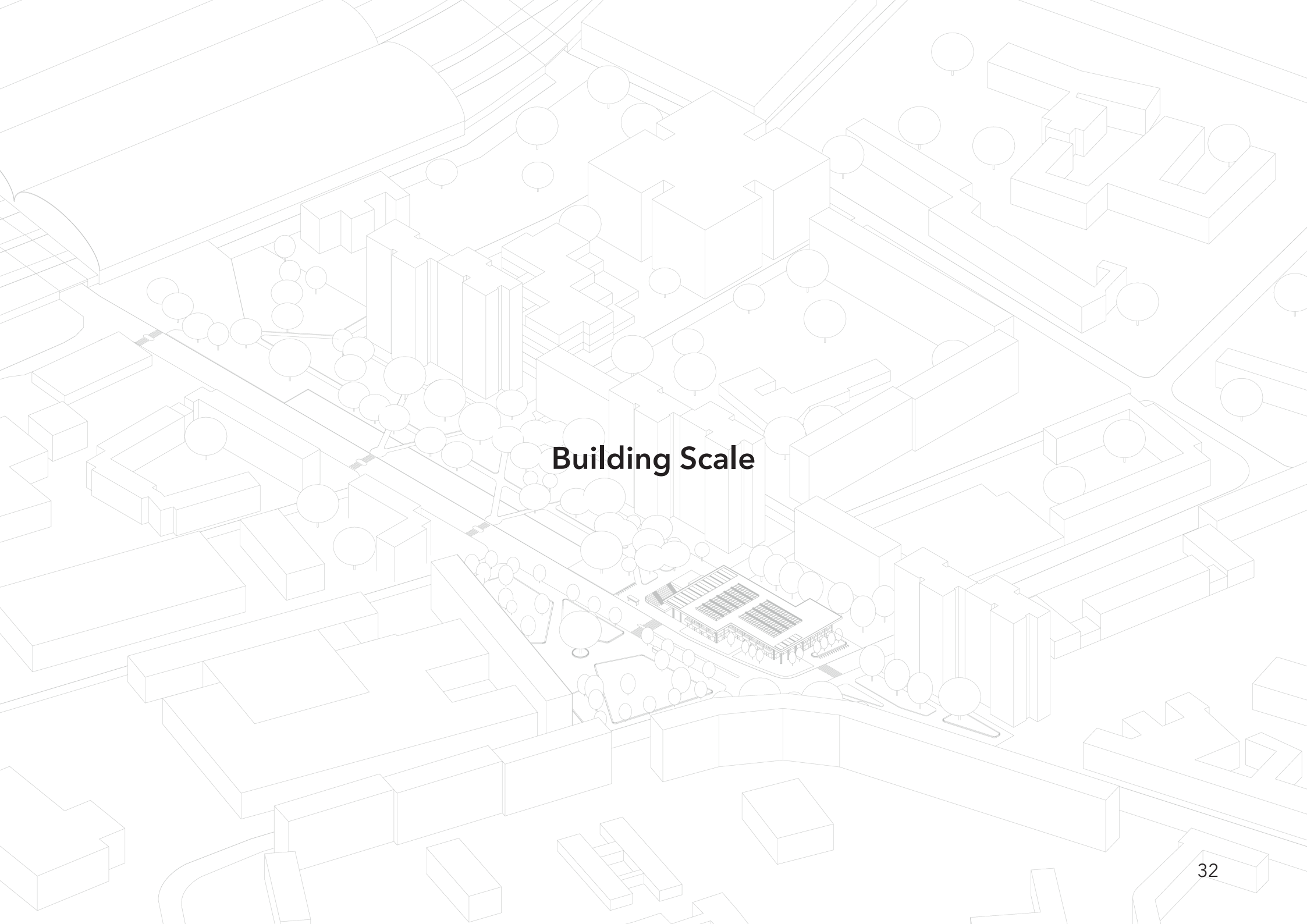


BUILDING ON SITE



BUILDING ON SITE





Building Scale

ALL UNDER ONE ROOF



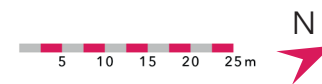
Model 1:500

BASEMENT



View from basement looking outside

- Workshop Space
- Open Theatre



GROUND FLOOR



Urban Living Room

- Shop
- Urban Living Room
- Workshop space
- Social Support

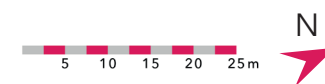
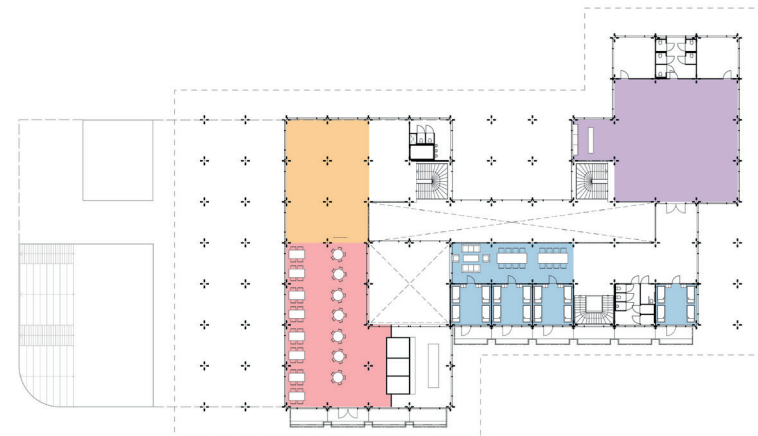


FIRST FLOOR

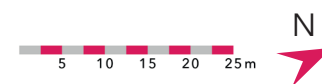
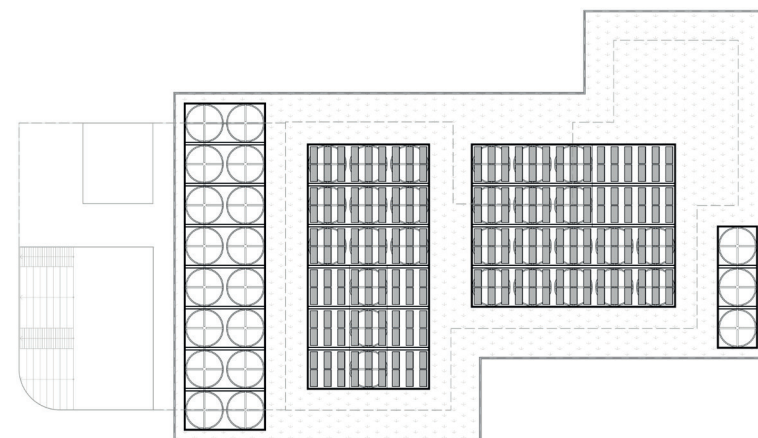


Event Space

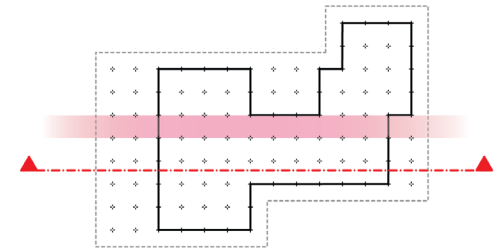
- Shop / Showroom
- Restaurant
- Homeless Shelter
- Event Space



ROOF



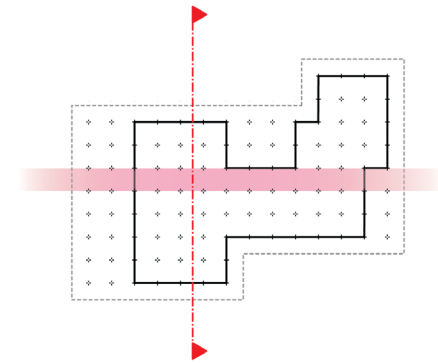
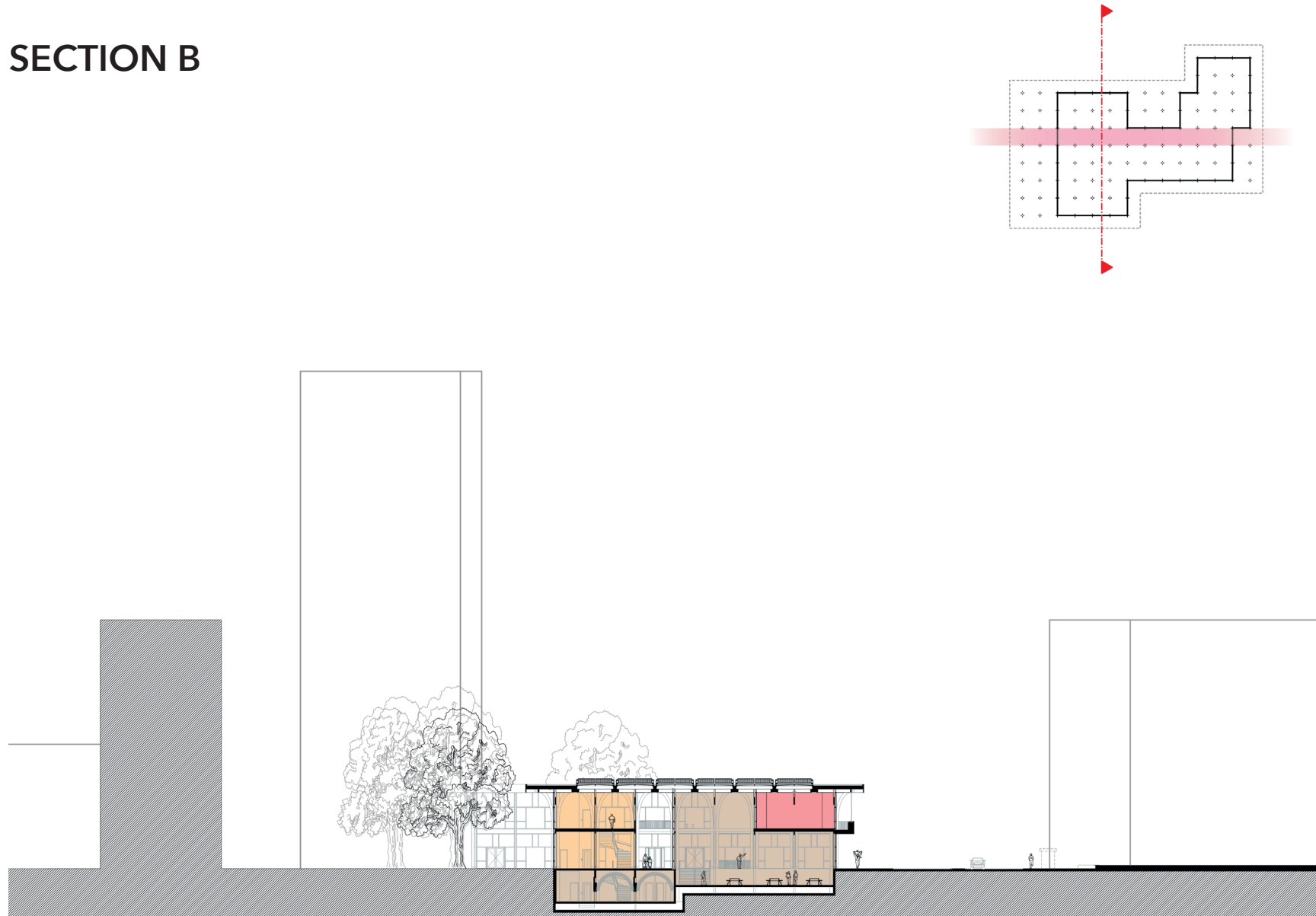
SECTION A



WORKSHOP SPACE



SECTION B



PASSAGE





Architectural Language

ARCHES INSPIRED BY THE URBAN CONTEXT

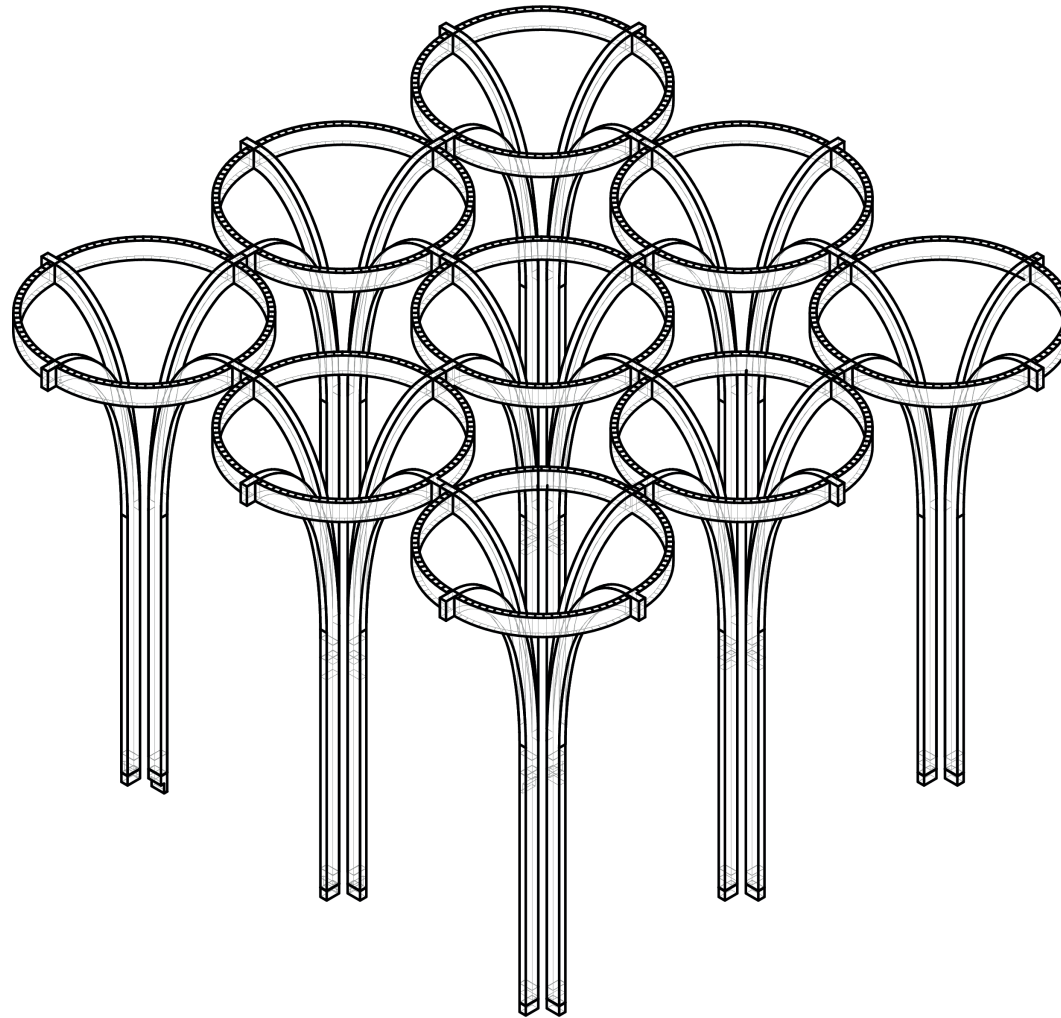


Ellen Key Schule



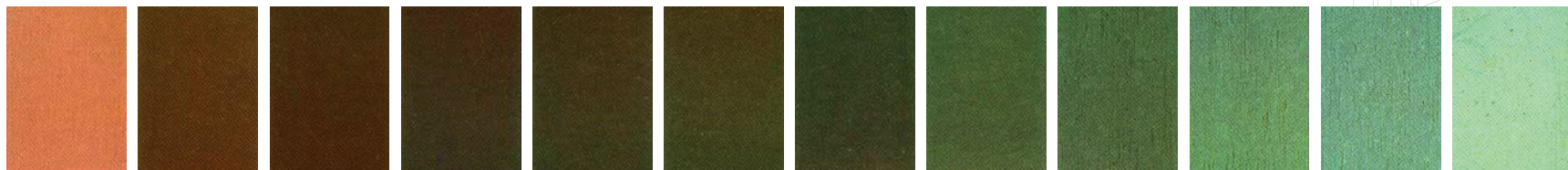
Ostbahnhof

A REPEATING ELEMENT

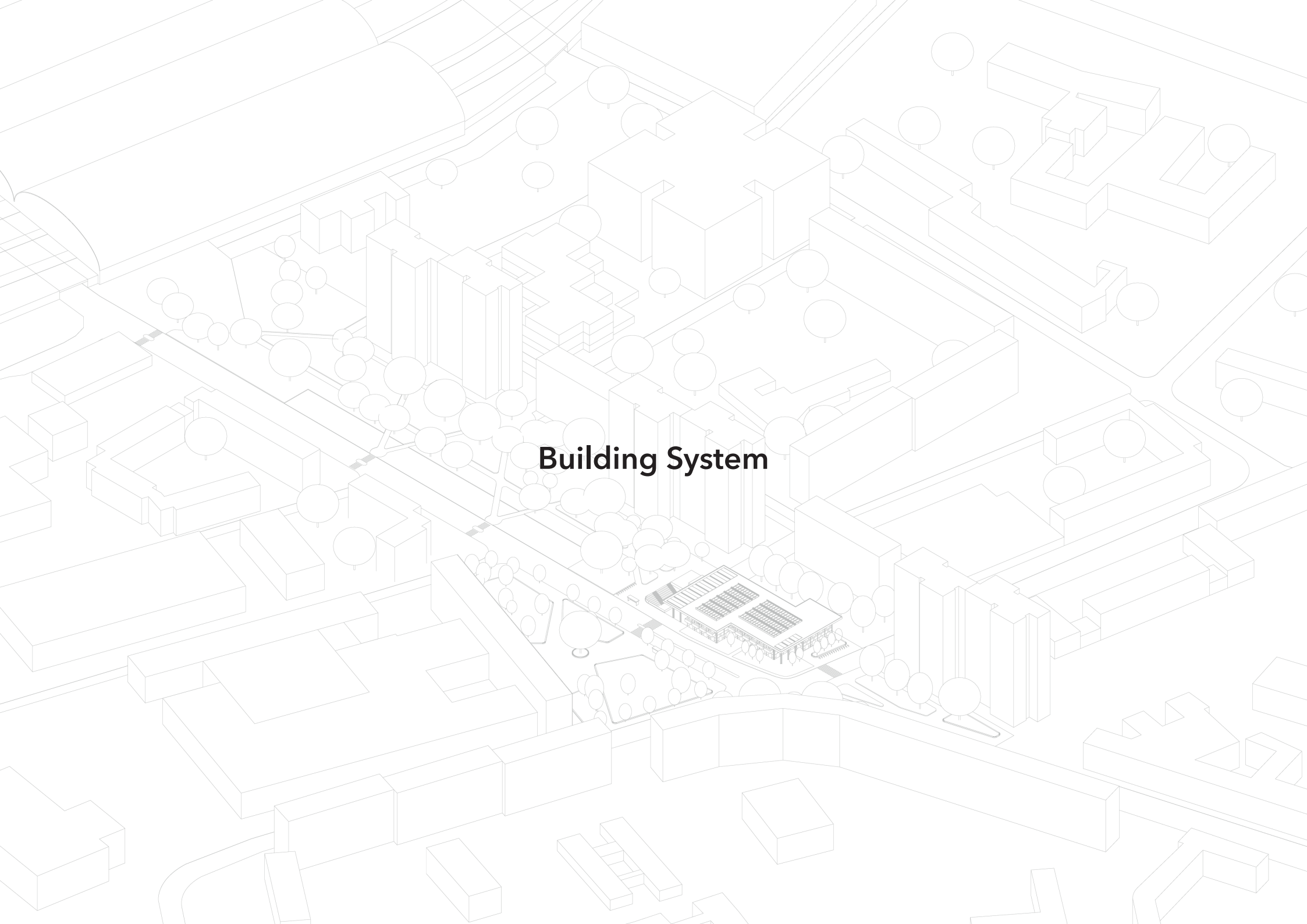




COPPER ROOF EDGE PATINA

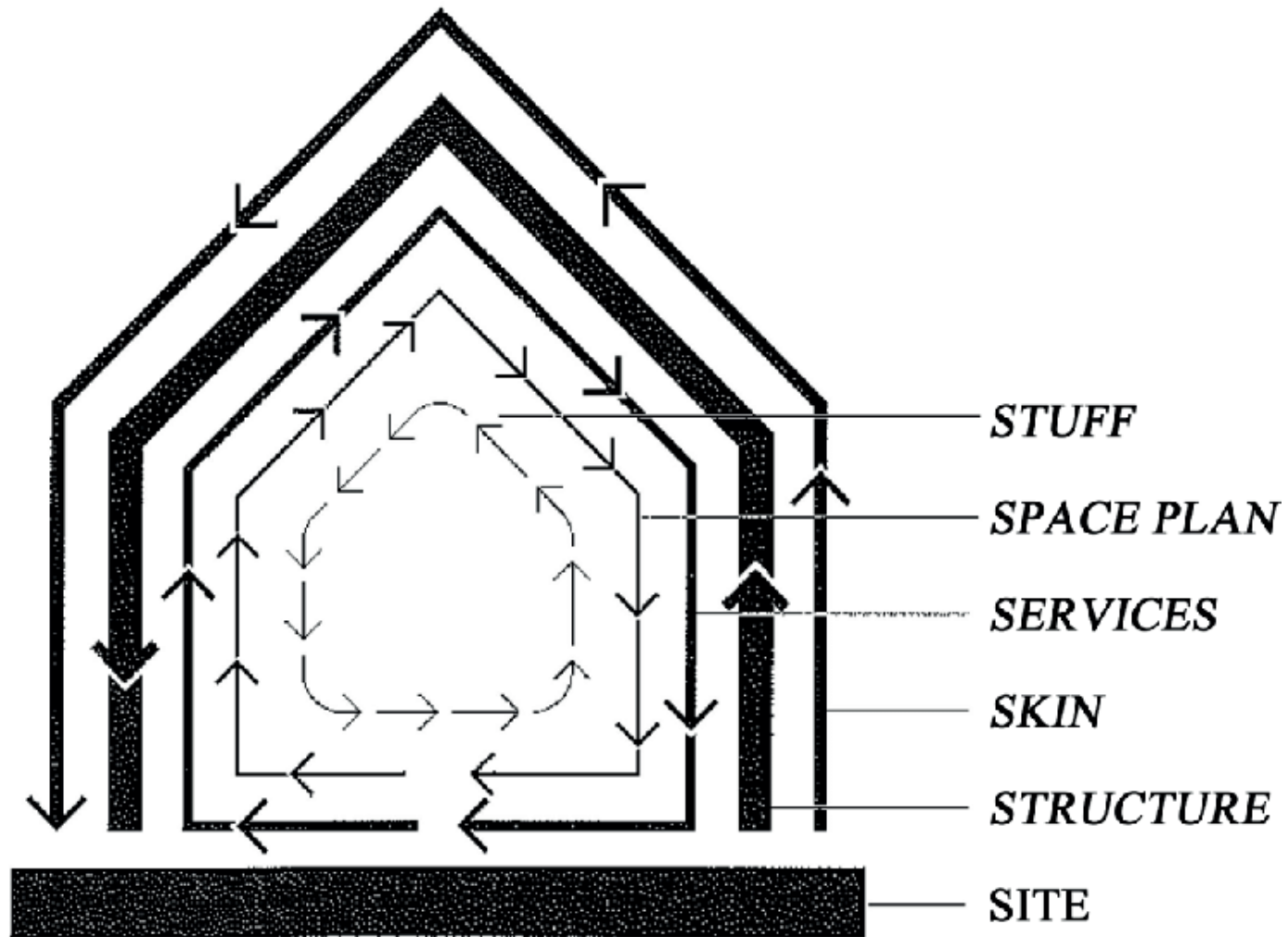


UNEXPOSED 4 MONTHS 8 MONTHS 1 YEAR 2 YEARS 3 YEARS 4 YEARS 5 YEARS 7 YEARS 10 YEARS 15 YEARS 25 YEARS



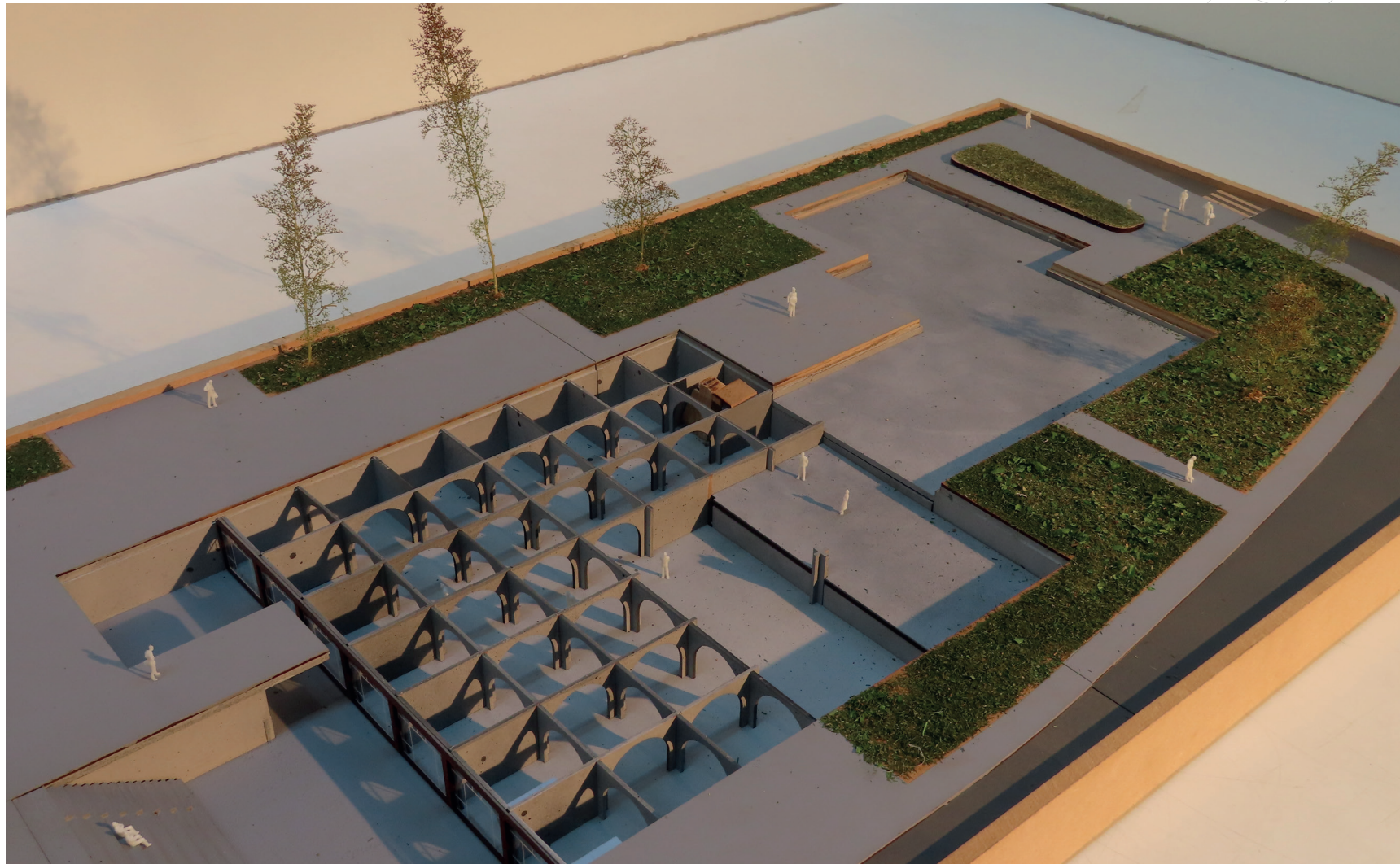
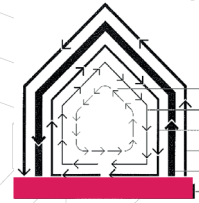
Building System

SHEARING LAYERS

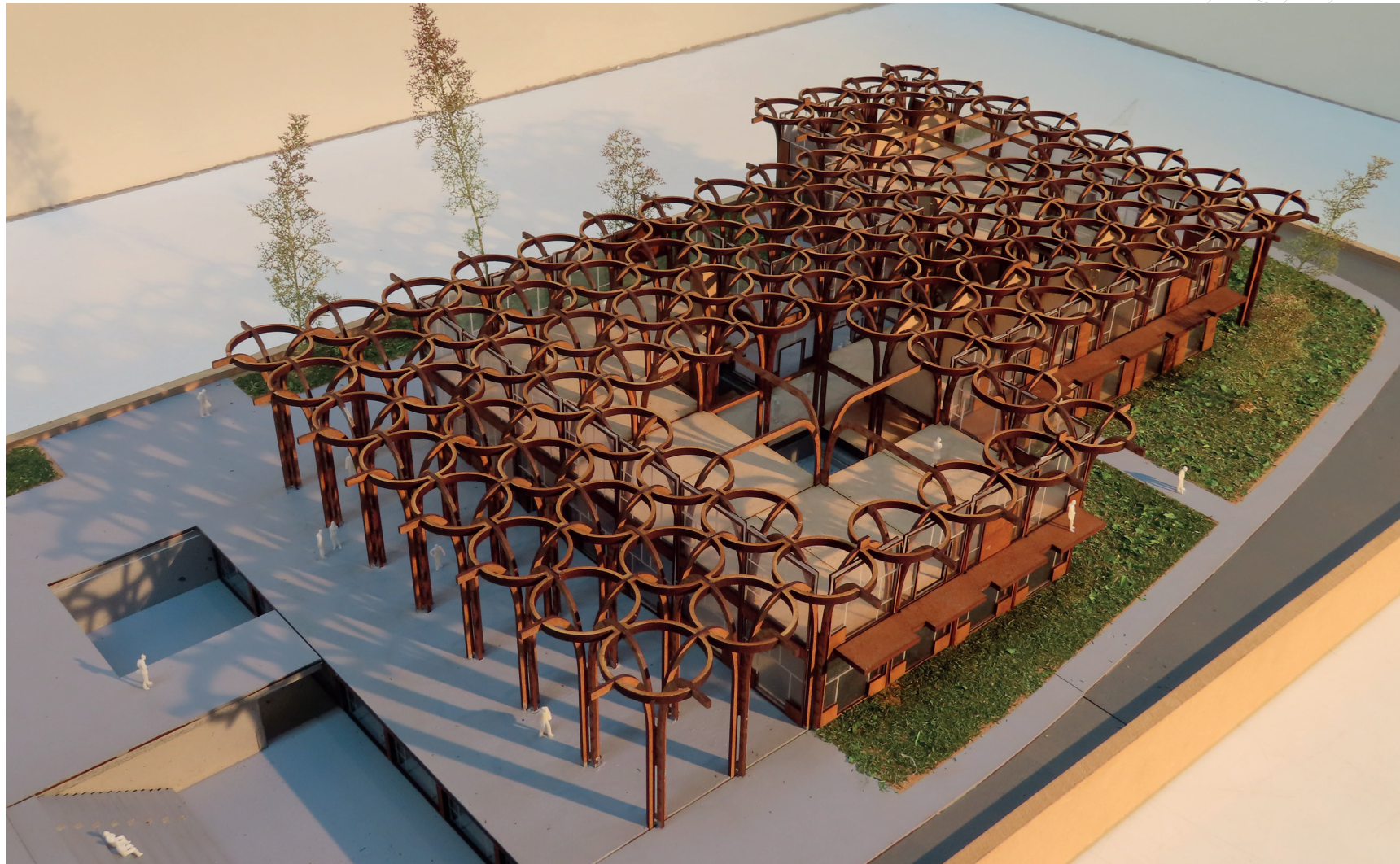
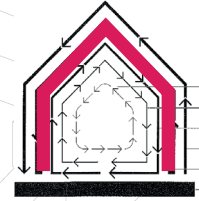


Model Shearing Layers, by S. Brand

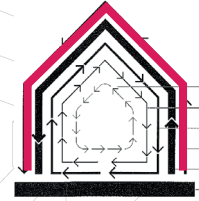
SITE



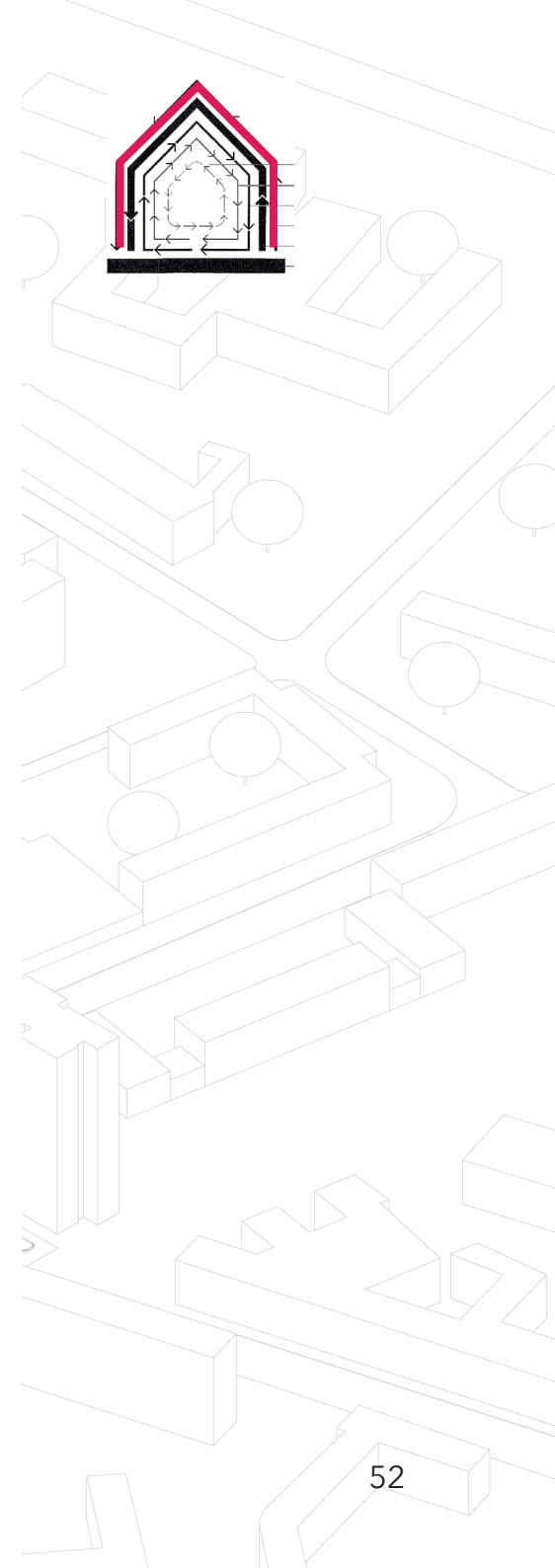
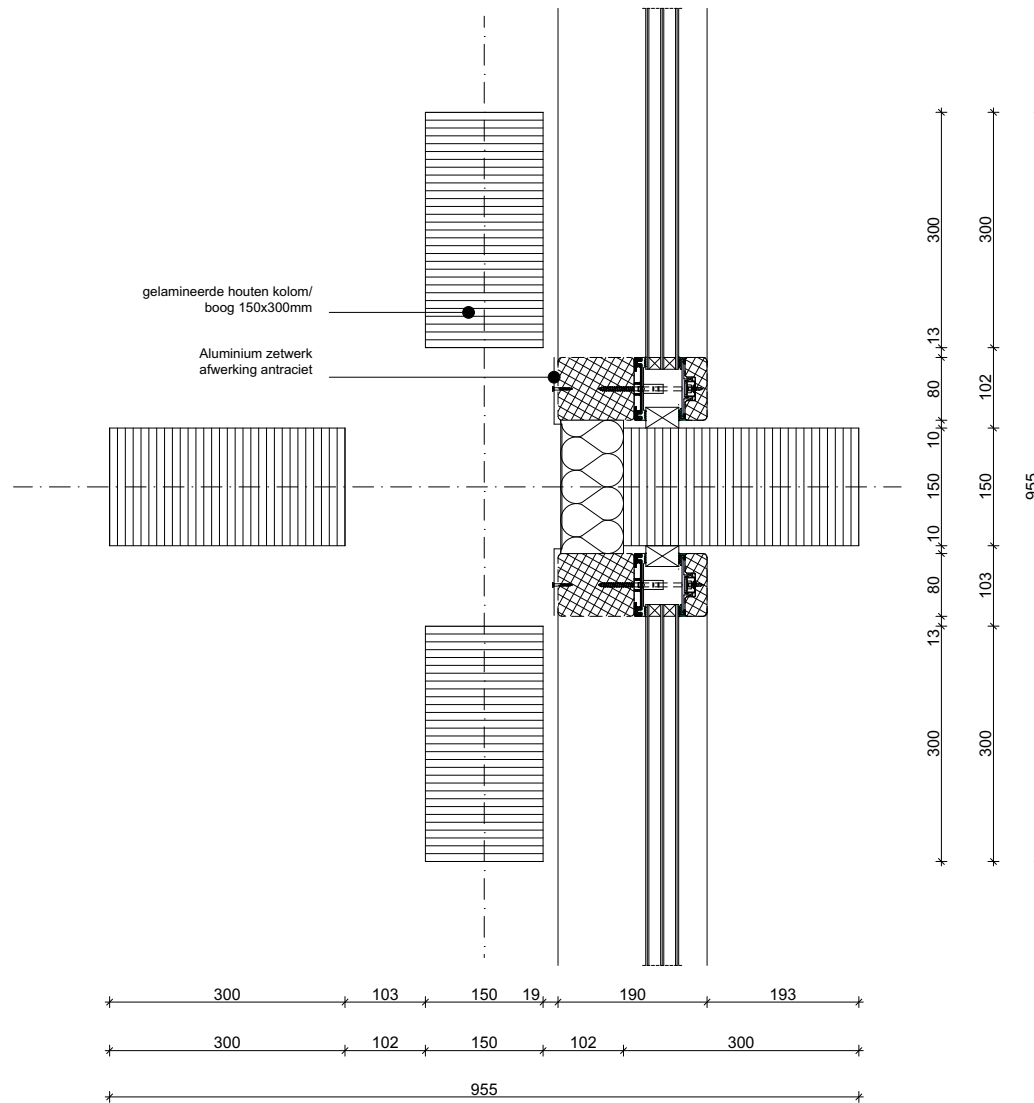
STRUCTURE



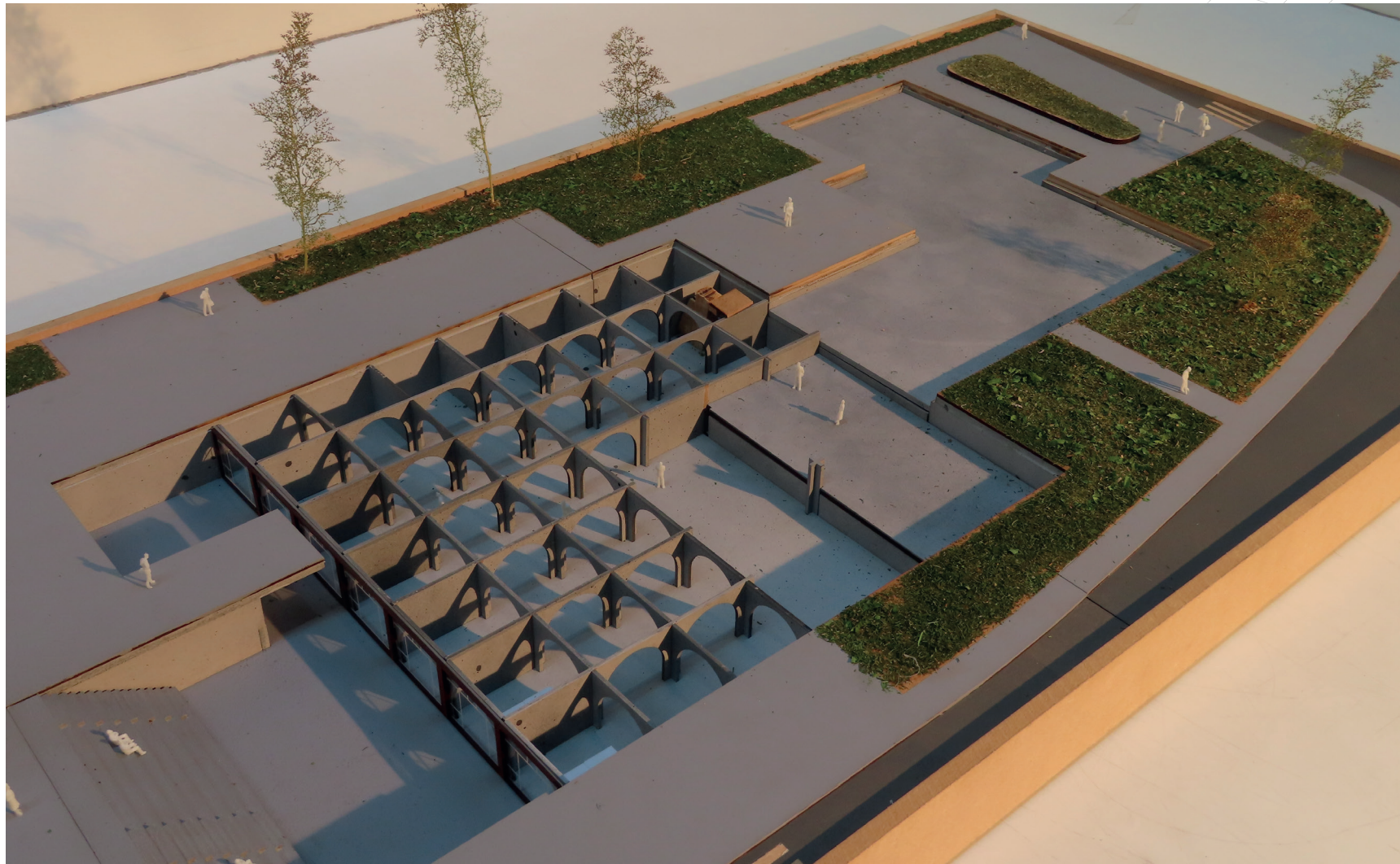
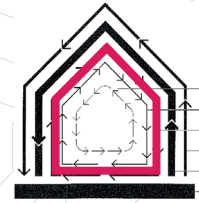
SKIN



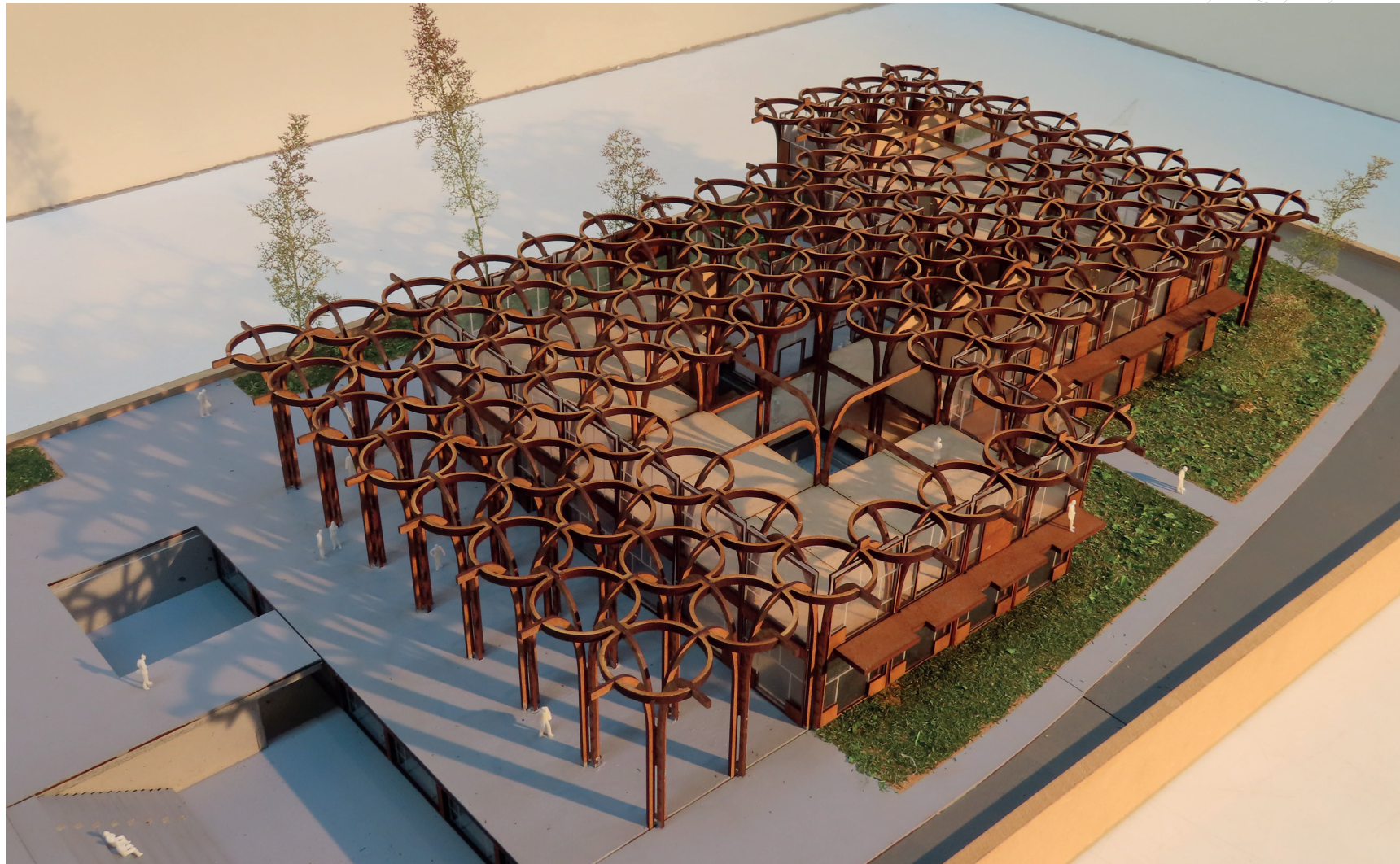
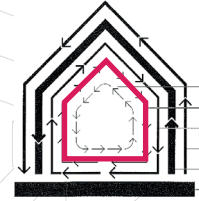
SKIN



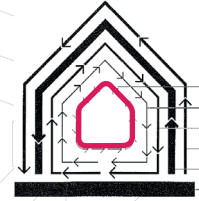
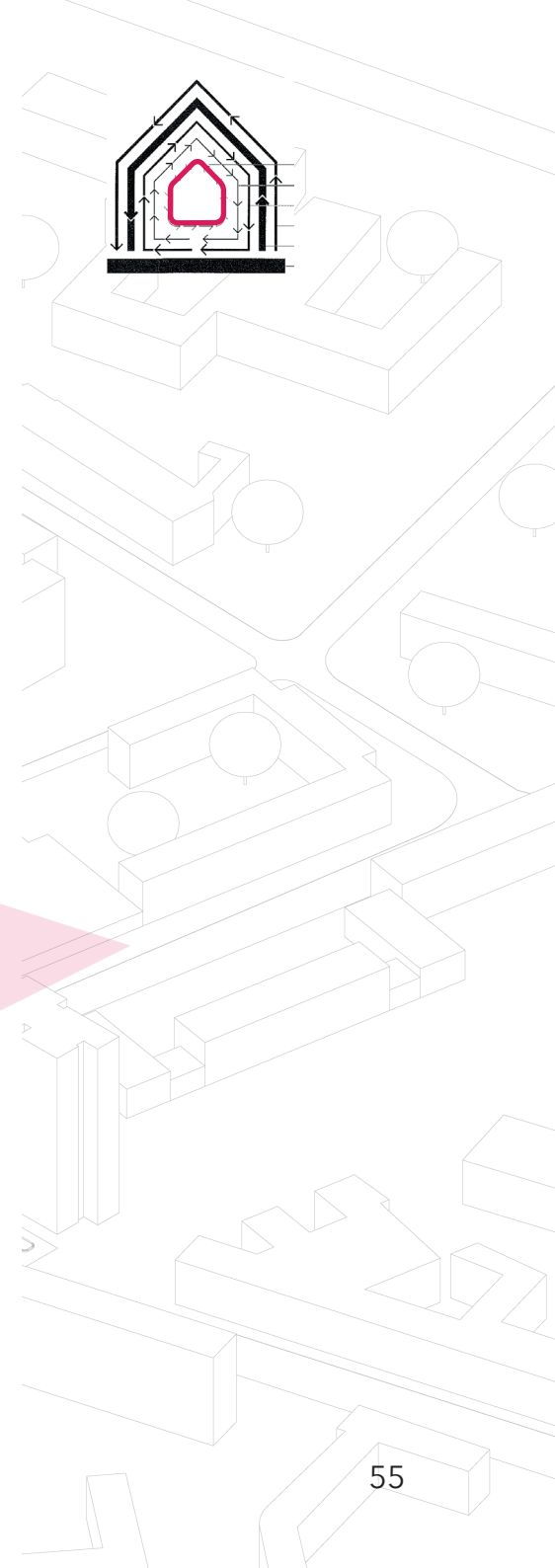
SERVICES



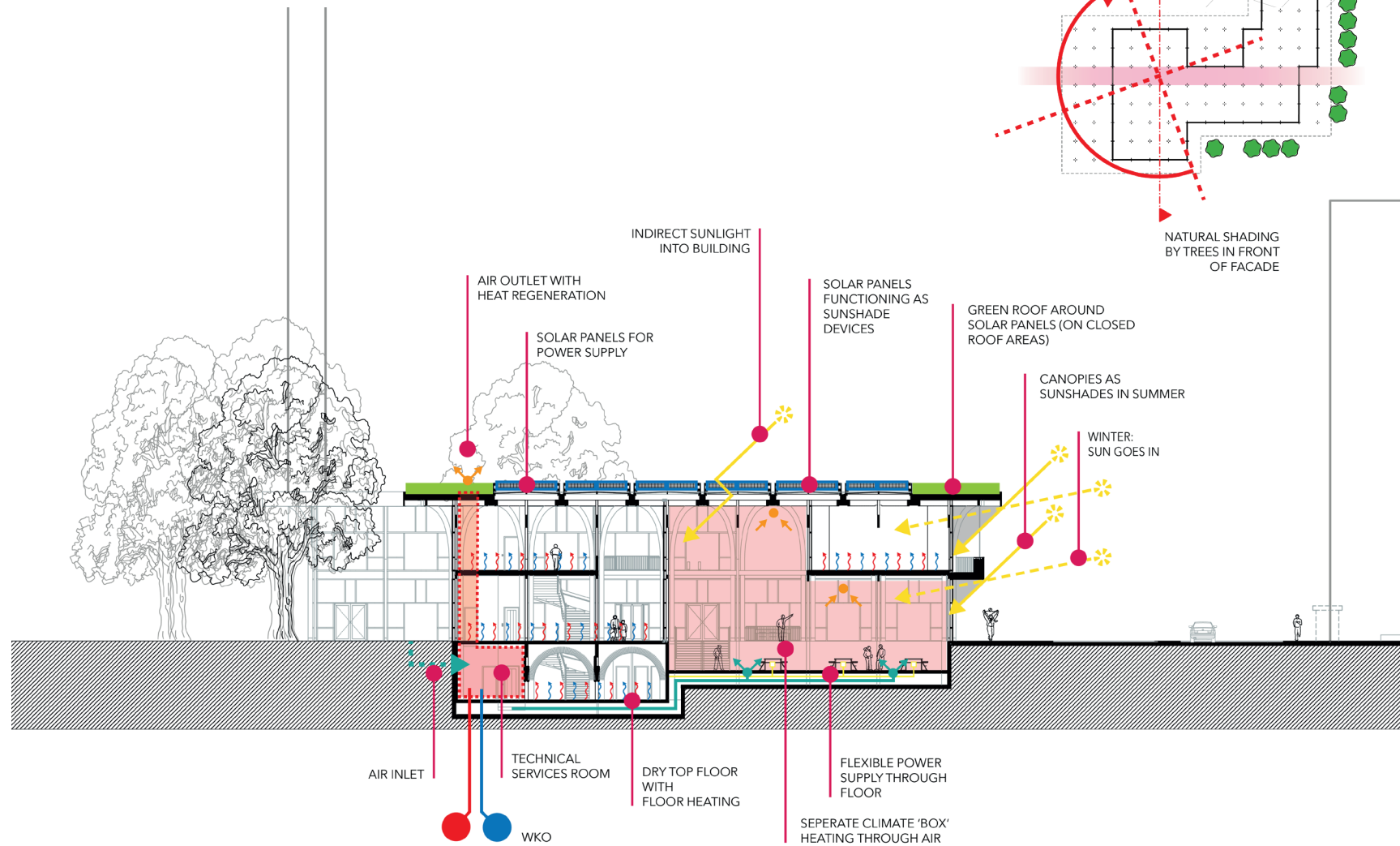
SPACE PLAN



STUFF



CLIMATE SYSTEM

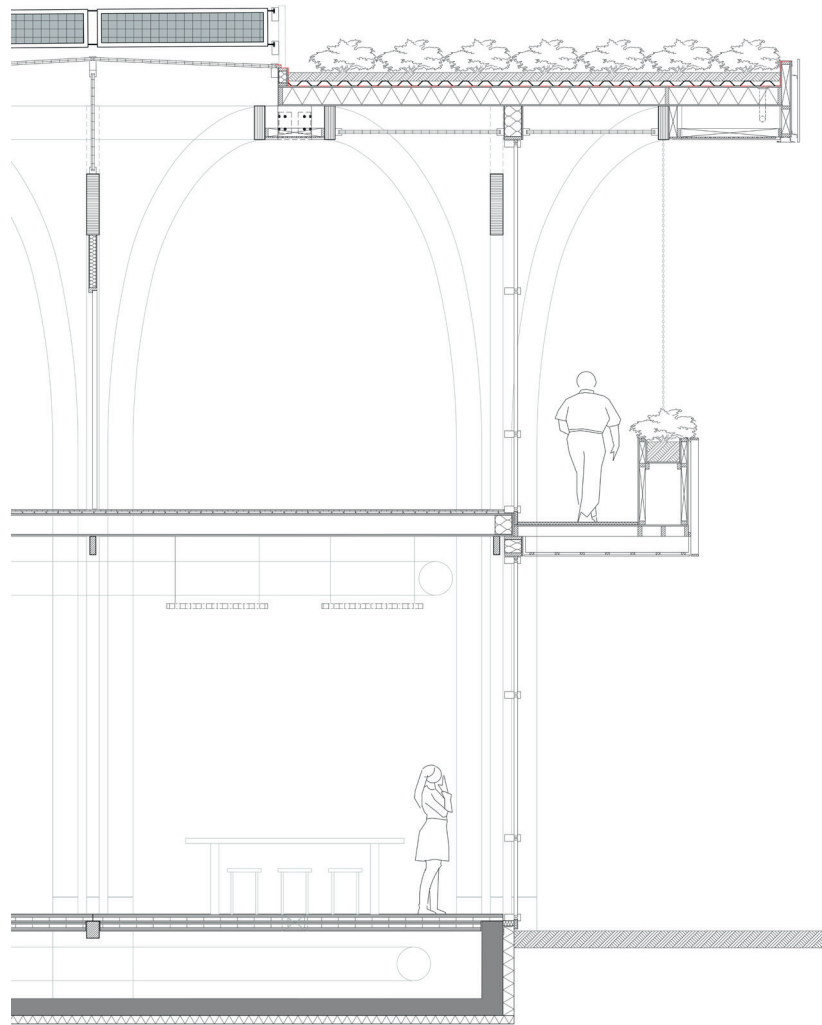




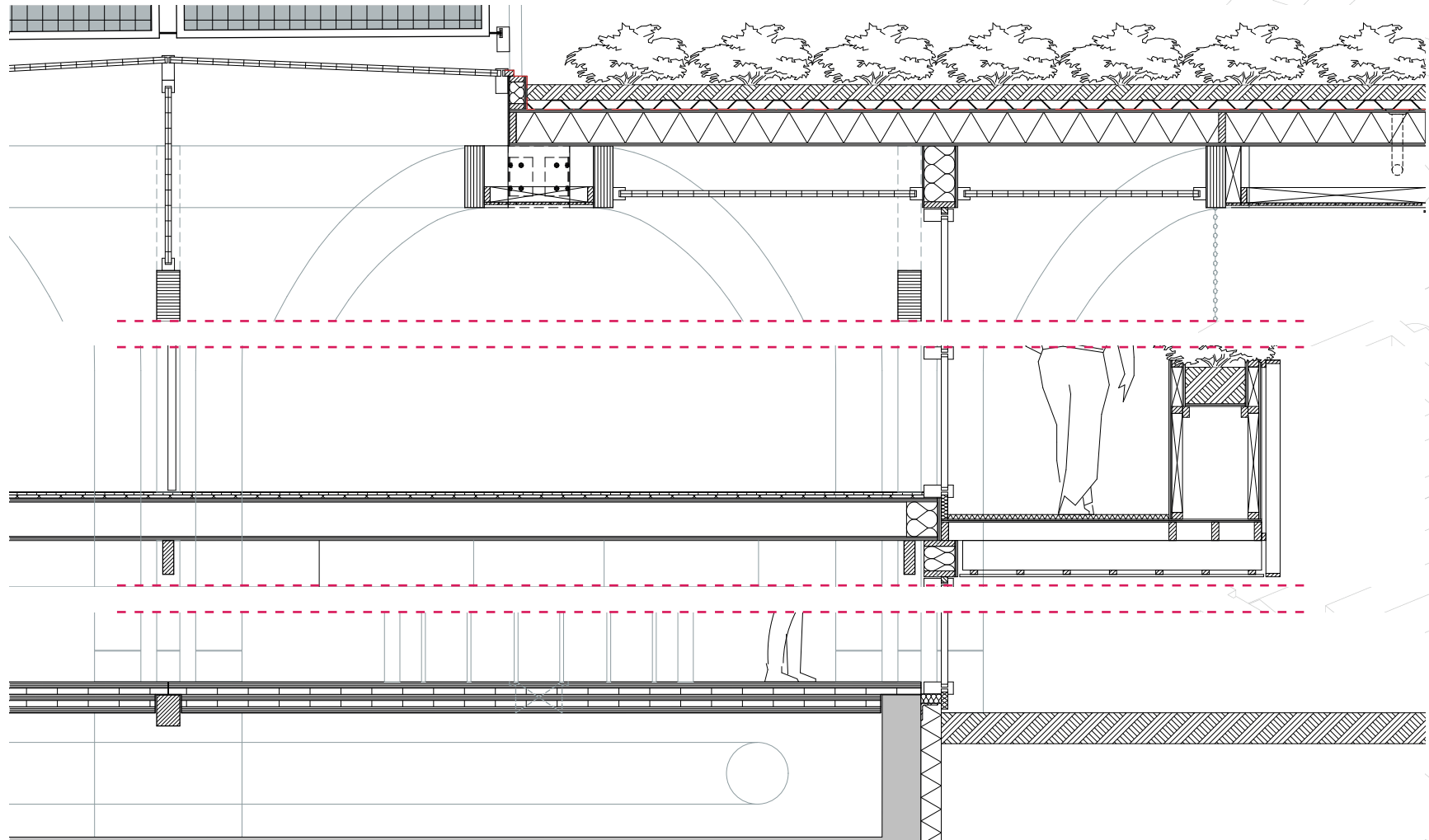
The Skin

In Depth

FACADE SECTION



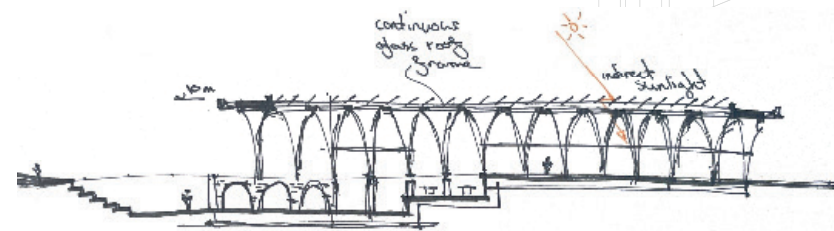
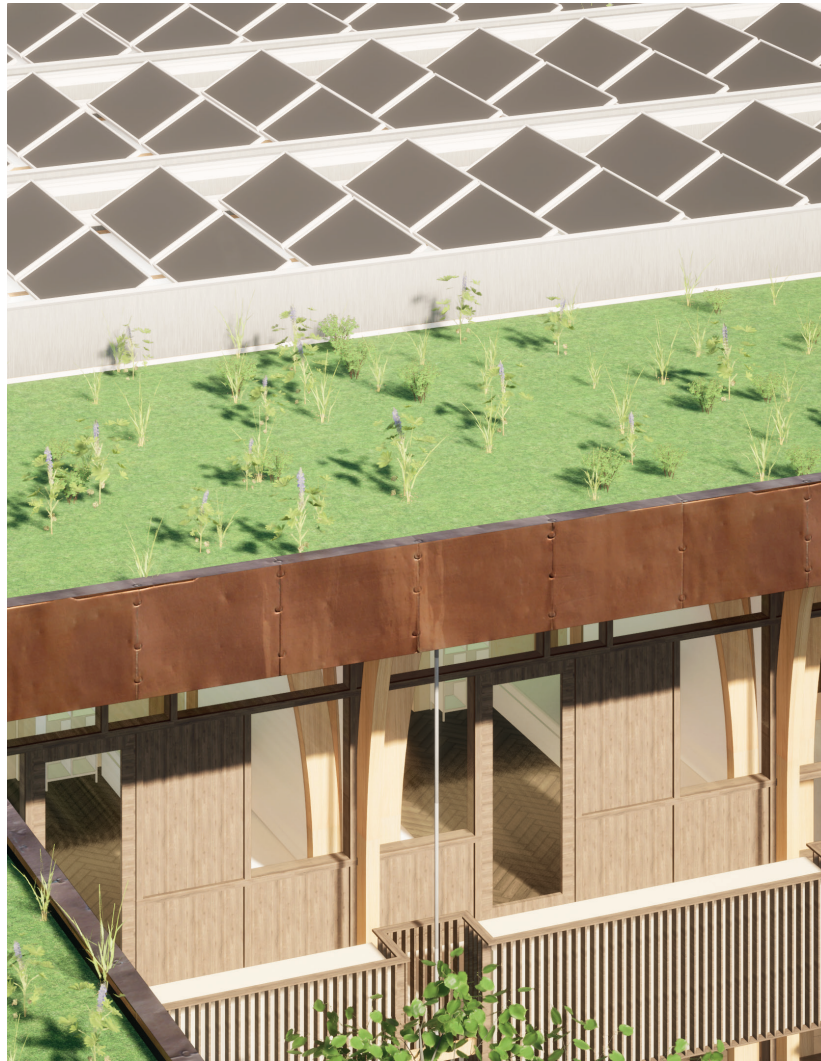
FACADE SECTION ZOOM



SAME SYSTEM, DIFFERENT INFILL



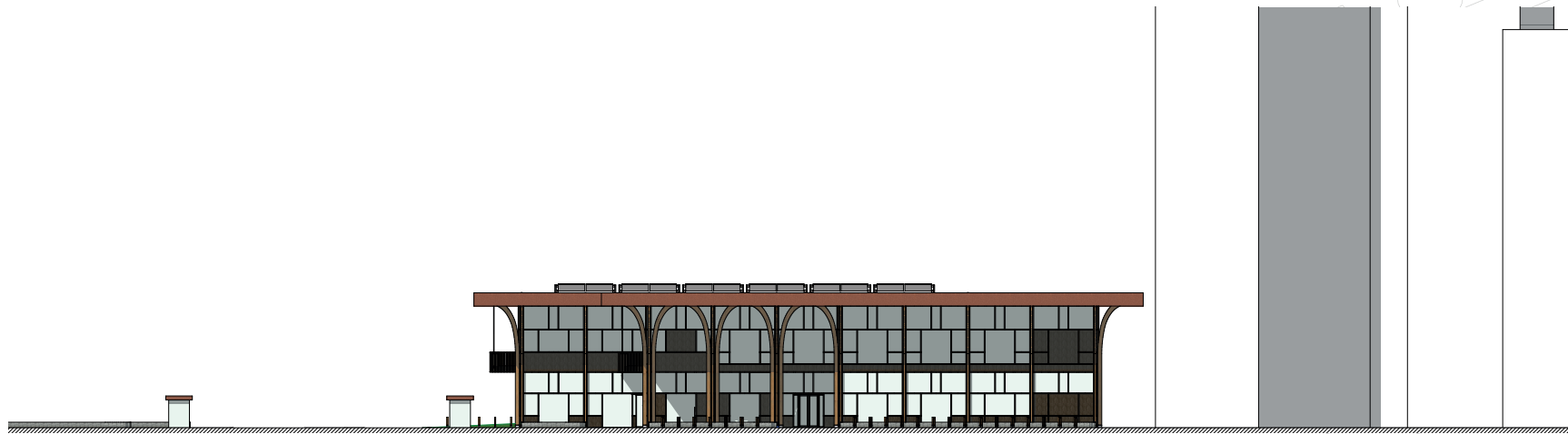
ROOF SYSTEM



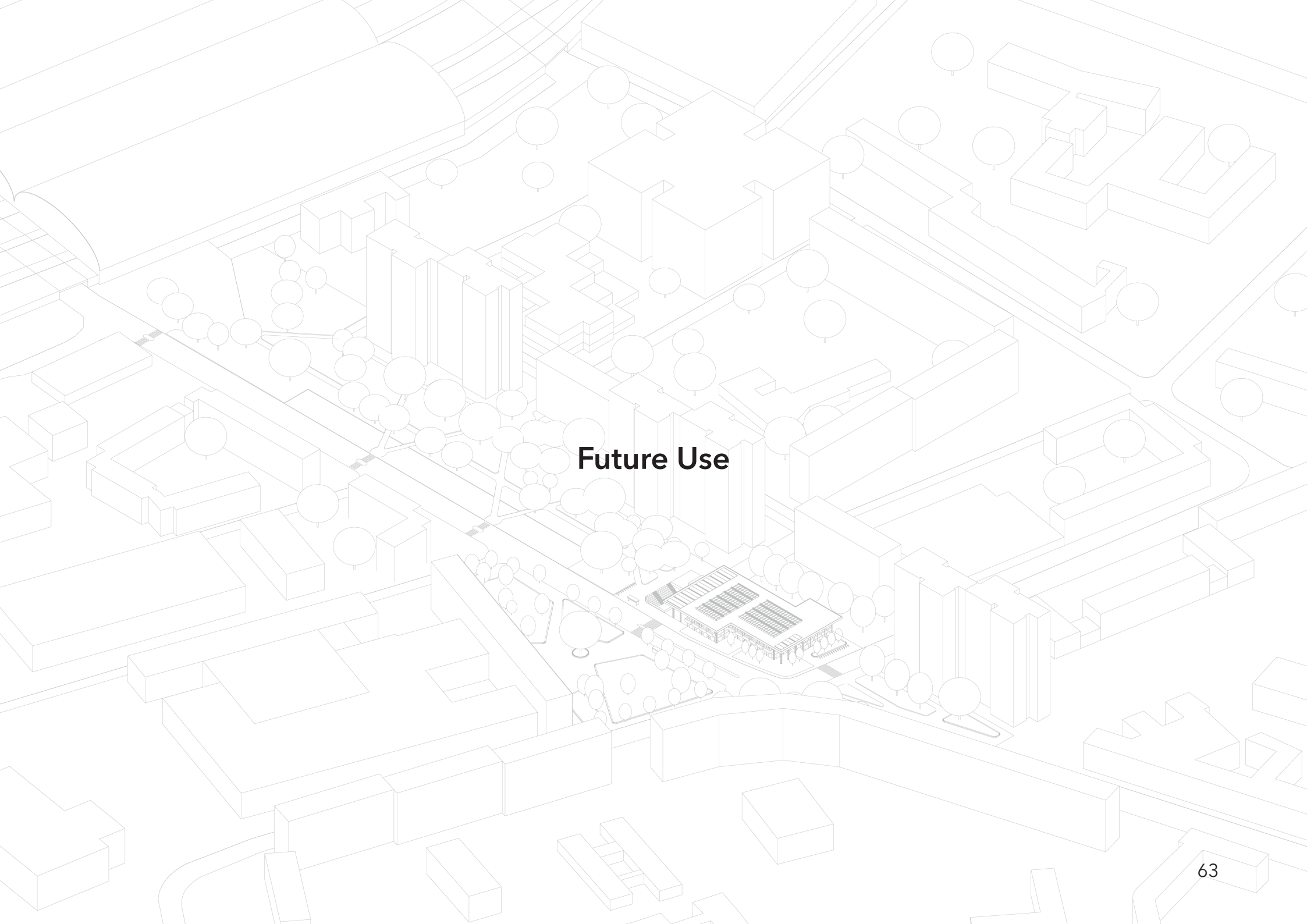
FACADE ELEVATIONS



Front Elevation



Right side Elevation



Future Use

USE TODAY



FUTURE USE??





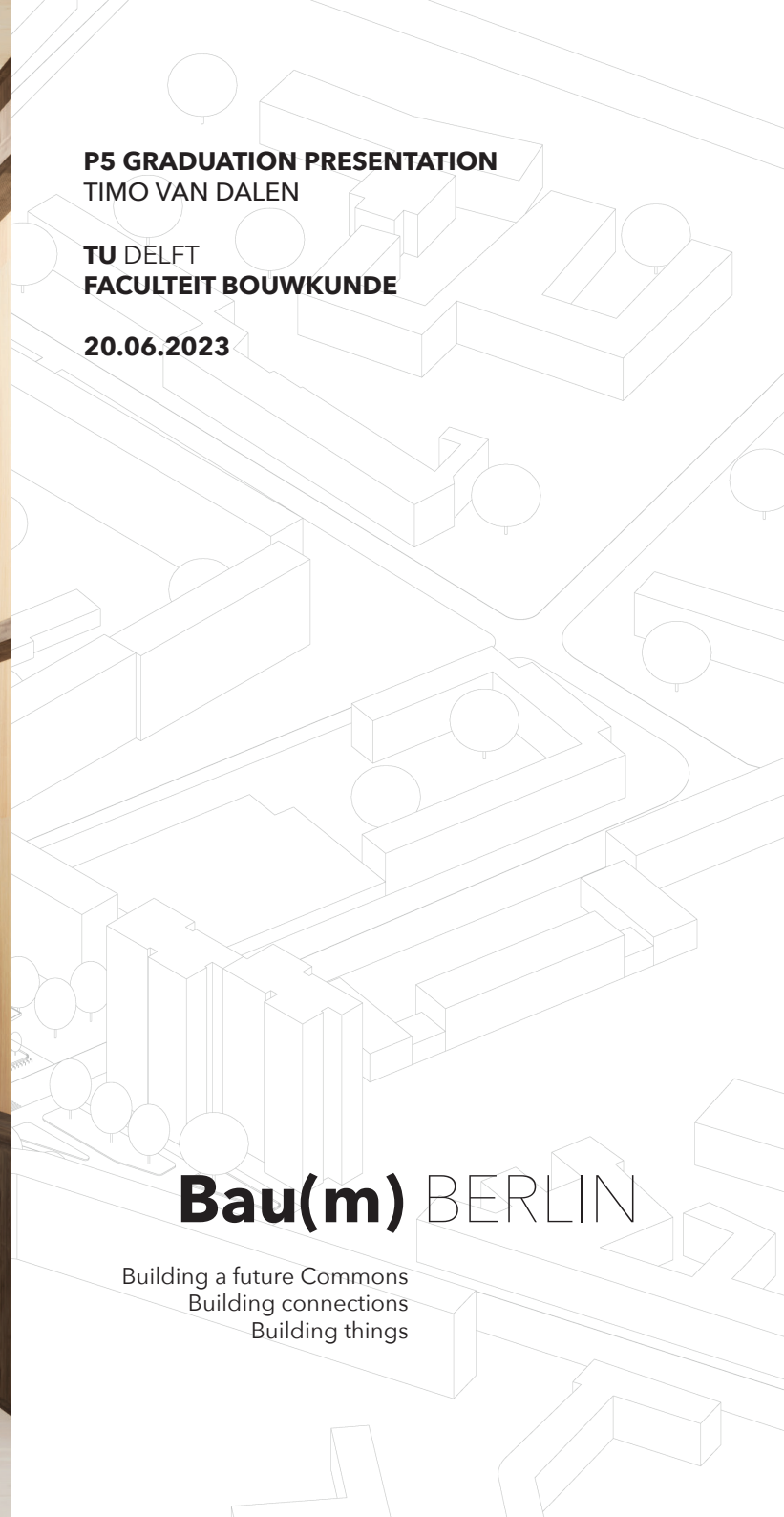
Bau(m) BERLIN
Bau(m) MUNICH
Bau(m) AMSTERDAM
Bau(m) LONDON
Bau(m) PARIS
Bau(m) MADRID
Bau(m) ROME



P5 GRADUATION PRESENTATION
TIMO VAN DALEN

TU DELFT
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20.06.2023



Bau(m) BERLIN

Building a future Commons
Building connections
Building things

image sources

Karl-Marx-Allee

Ruslan Taran (2019), retrieved from commons.wikimedia.org: https://commons.wikimedia.org/wiki/File:Karl-Marx-Allee,_Berlin._DJI_1368-2s.jpg

Ostbahnhof

photo by Markus Schwarz

precedent visit PLuspunt Rotterdam

pluspuntrotterdam.info, 14-05-2023, Werkplaatsen: <https://www.pluspuntrotterdam.info/werkplaatsen/>

Berliner Dom: https://upload.wikimedia.org/wikipedia/commons/thumb/9/95/Berliner_Dom_von_Humboldt-Box_%2850MP%29.jpg/1920px-Berliner_Dom_von_Humboldt-Box_%2850MP%29.jpg

Frankfurter Tor: https://commons.wikimedia.org/wiki/File:Frankfurter_Tor_%28Karl-Marx-Allee,_Berlin%29_%286074753128%29.jpg

Kimbell Arts Museum Extension: <https://www.archdaily.com/448735/renzo-piano-pavilion-at-kimbell-art-museum-renzo-piano-kendall-heaton-associates>

Golf Club Shigeru Ban: <https://www.floornature.com/architectural-solutions/shigeru-ban-as-curved-wooden-structure-golf-club-span-langja-13113/>

Superhub Meerstad: <https://www.pietersbouwtechniek.nl/projecten/superhub-meerstad>

Cafe Moskau: <https://www.cafemoskau.com/en/home>

Neue Nationalgalerie: <https://the-talks.com/location/neue-nationalgalerie/>

