



Ensemble:  
Coexistence of  
Urban Experience  
and Daily Routines

P5 Presentation | Inwha Paik | 4252578

Delft University of Technology,  
Architecture & Dwelling Graduation Studio: At Home in the City

Supervision:  
Birgit Jürgehake, Paul Kuitenbrouwer, Ype Cuperus

Delft, January 2015

site analysis

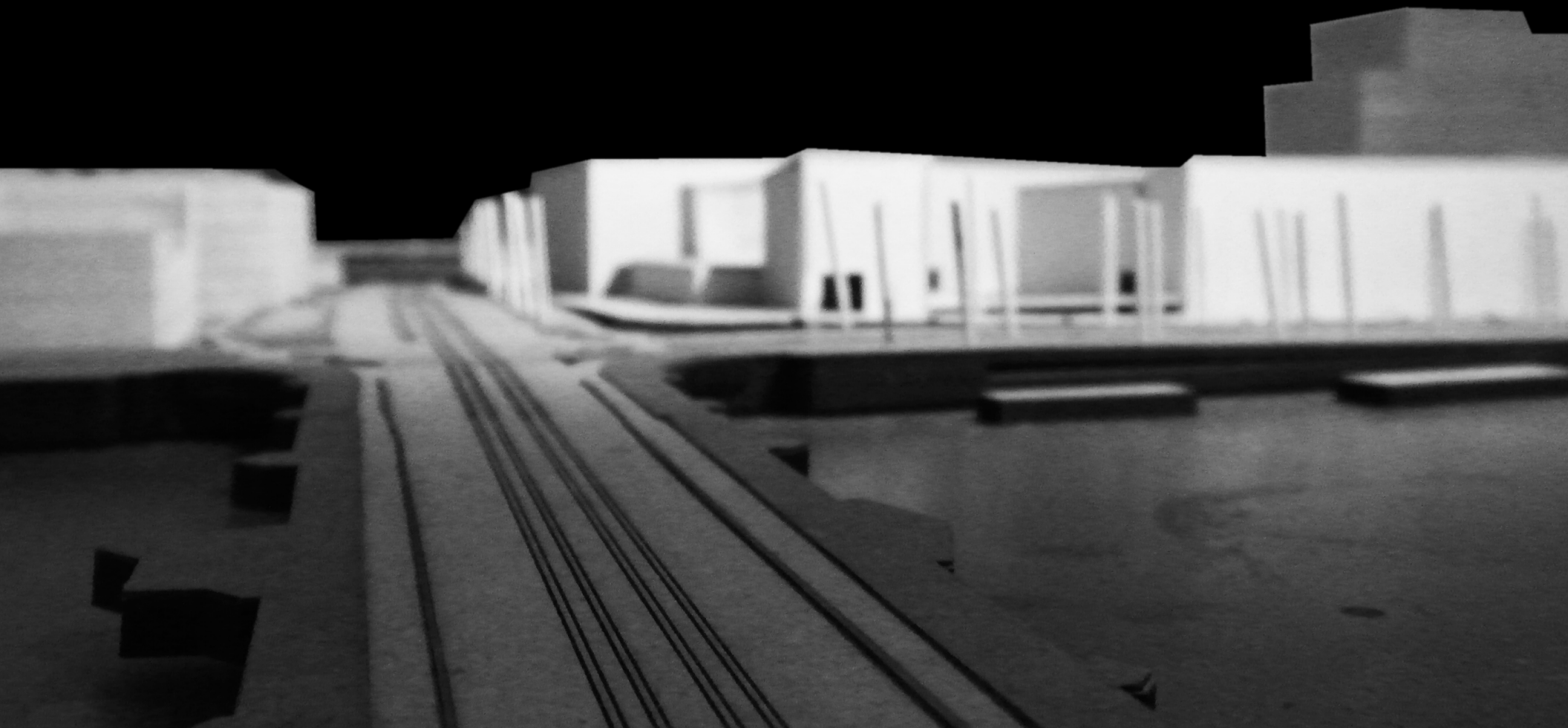
problem statement | research question

theme research

urban plan

dwelling typology

climate design



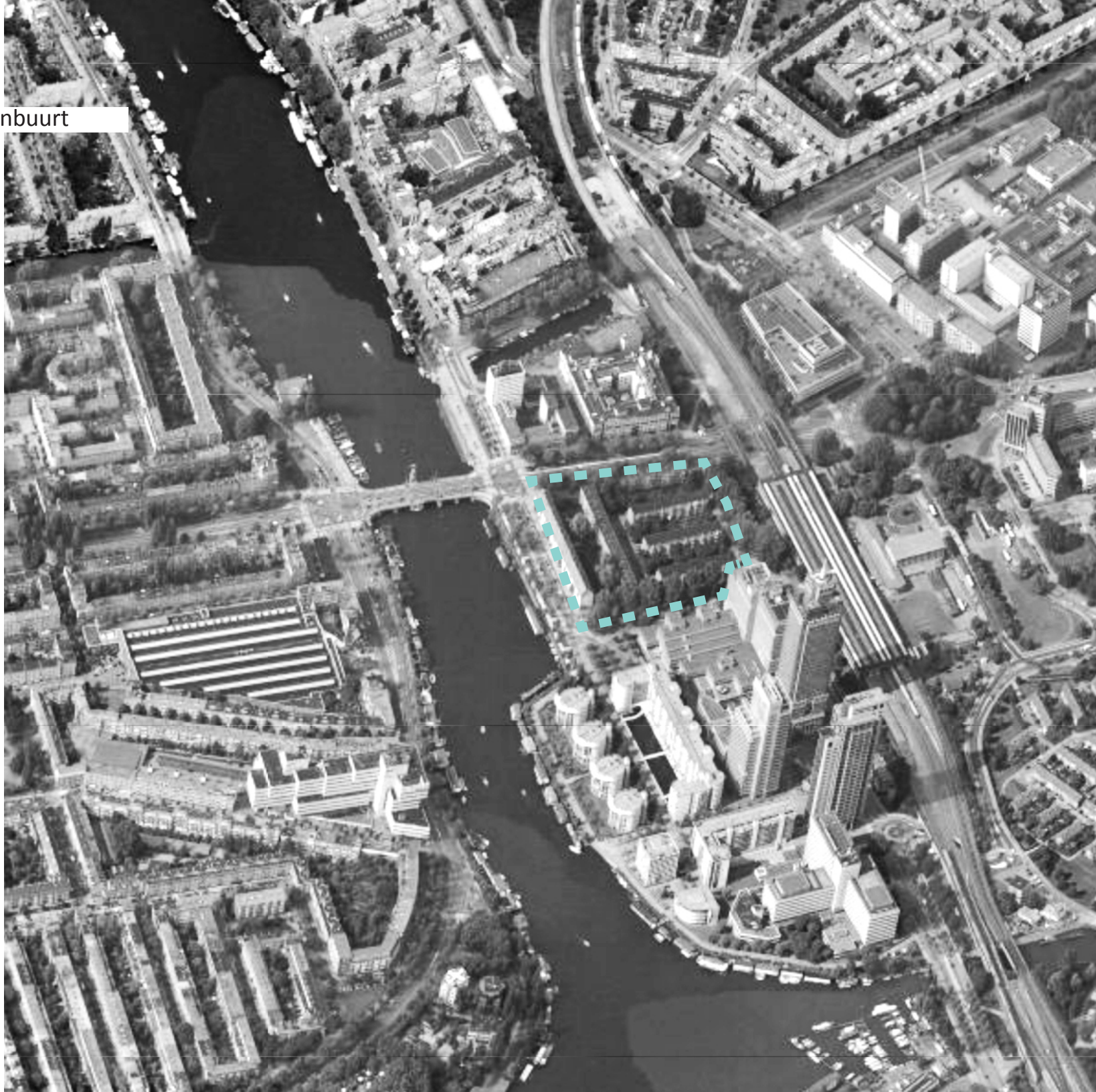


location | van der kunbuurt





location | van der kunbuurt





site analysis | van der kunbuurt









site analysis | mind map





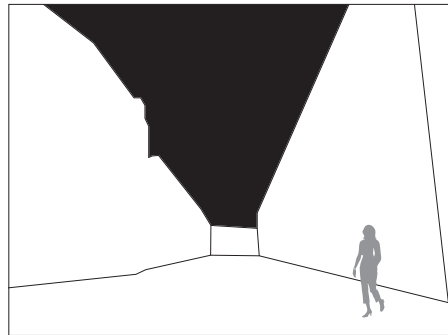


site analysis | program distribution

- RETAIL
- CAFE
- REISURE
- SOCIAL (SCHOOL, CLINIC)
- OFFICE
- COMPANY
- PARKING AND PUBLIC TRANSPORT



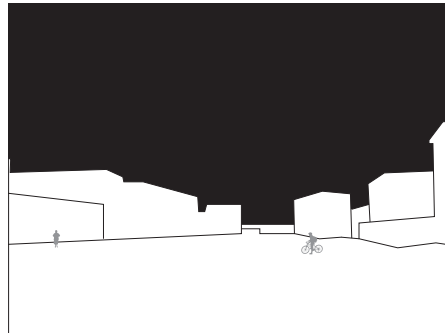
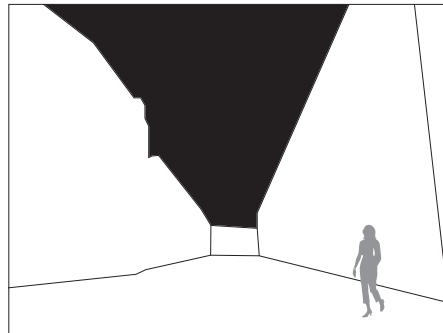
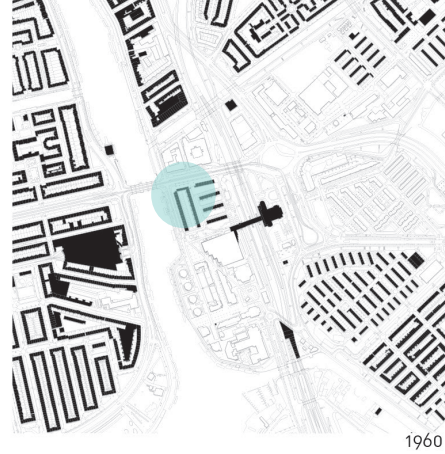
problem statement | research question



public and collective open space as  
an active extension of an individual's  
private domain



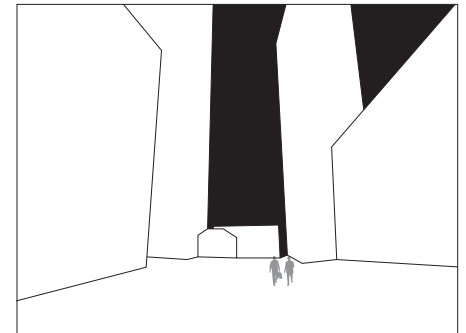
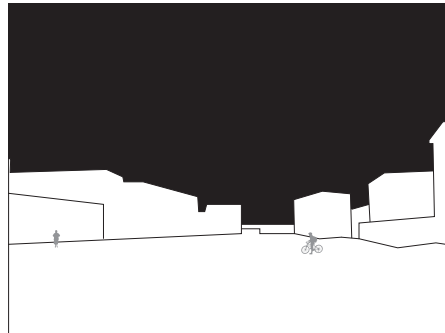
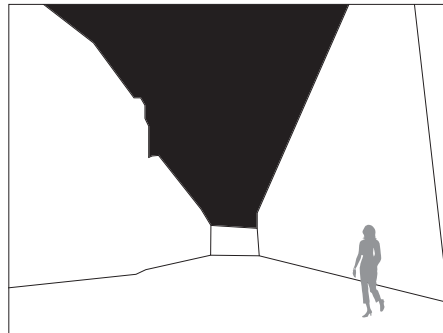
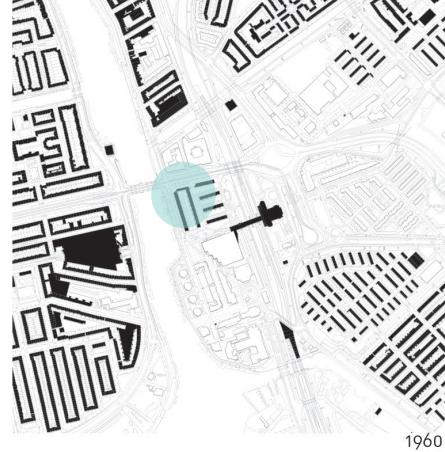
problem statement | research question



public and collective open space as an active extension of an individual's private domain

a high level of mobility, personal isolation, and independence from a communal context

problem statement | research question



public and collective open space as an active extension of an individual's private domain

a high level of mobility, personal isolation, and independence from a communal context

complex mega structures like a collection of isolated and unrelated fragments

*Curran, R.J., Architecture and the urban experience (1983)*

problem statement | research question





problem statement | research question



public open space



collective open space



problem statement | research question

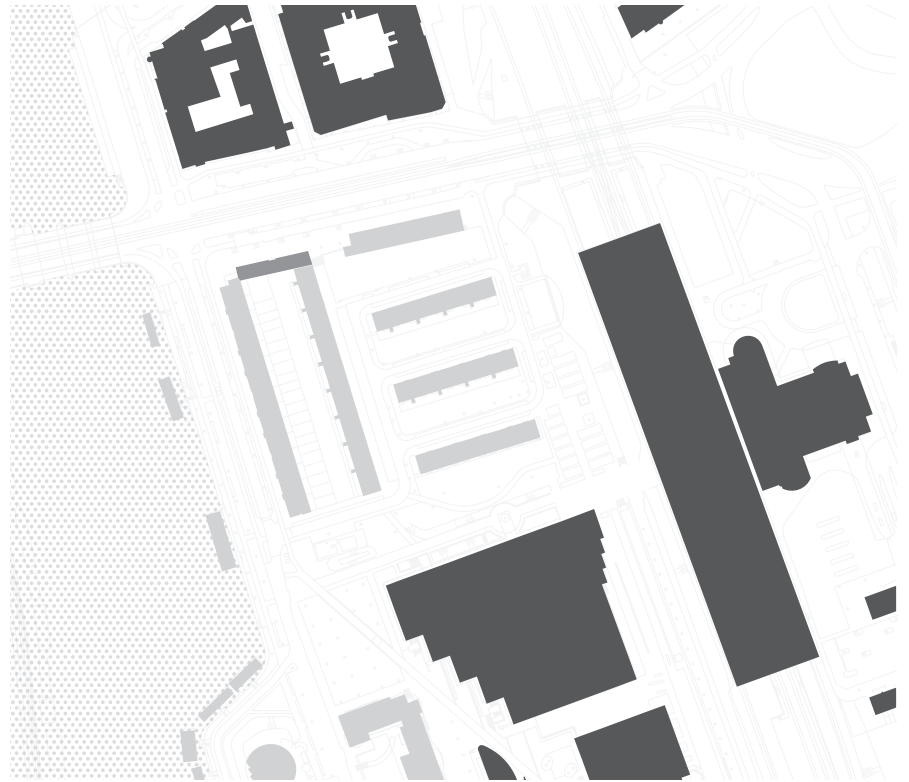


movement

problem statement | research question



movement



function

■ DWELLING  
■ PUBLIC

problem statement | research question

'Activity generated by people on errands, or people aiming for food or drink, is itself an attraction to still other people. ... People's love of watching activity and other people is constantly evident in cities everywhere.'

'A good city street neighborhood achieves a marvel of balance between its people's determination to have essential privacy and their simultaneous wishes for differing degrees of contact, enjoyment or help from the people around.'

*(Jane Jacobs, The Death and Life of Great American Cities, 1961)*

problem statement | research question

## PROBLEM STATEMENT

Mono-functional dwelling district which doesn't corresponds with its surrounding context :

Dwelling in the city can react on diverse context of surroundings, which is completely different from the remote rural areas. Van der Kunbuurt confronts misuse of street and open outdoor space where only the rampant anonymity exists without exposing strong personality of residents.



problem statement | research question

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## RESEARCH QUESTION

- How can dwelling ensemble in city, create stimulating neighborhood streets where differing degrees of contact can happen with keeping the essential privacy.

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Mono-functional dwelling district which doesn't corresponds with its surrounding context :

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## RESEARCH QUESTION

- How can dwelling ensemble in city, create stimulating neighborhood streets where differing degrees of contact can happen with keeping the essential privacy.
- How to transform an existing neighborhood to a neighborhood which fits to the demands of the dweller of the 21st century without losing the character of this site.

theme research | dwelling in spaces of movement



1 Zuidpoort, Delft



2 Monnikhof, Groningen



3 35 Logements, Paris



4 Django Building, Amsterdam

theme research | dwelling in spaces of movement



- clear distinction between public and private
- parking garage is located below the ground level

dwelling function

public function

Zuidpoort: Public Space Facade Expression

theme research | dwelling in spaces of movement



Zuidpoort: Collective Space Overview

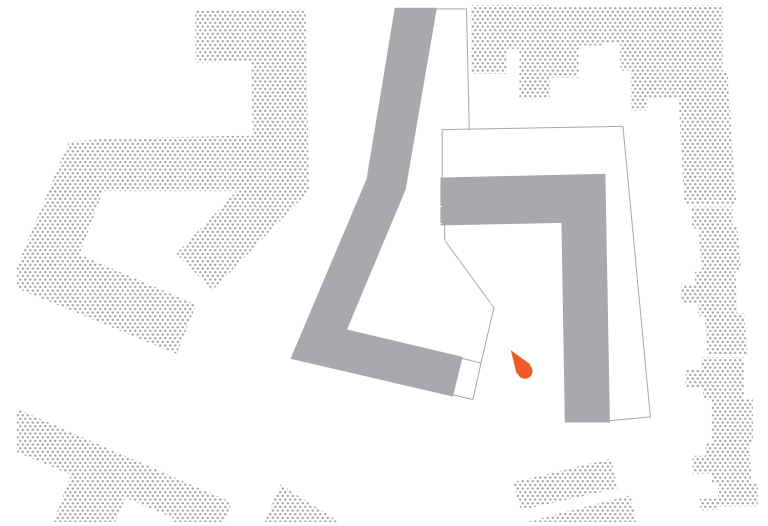
- collective space is only accessible by dwellers

theme research | dwelling in spaces of movement

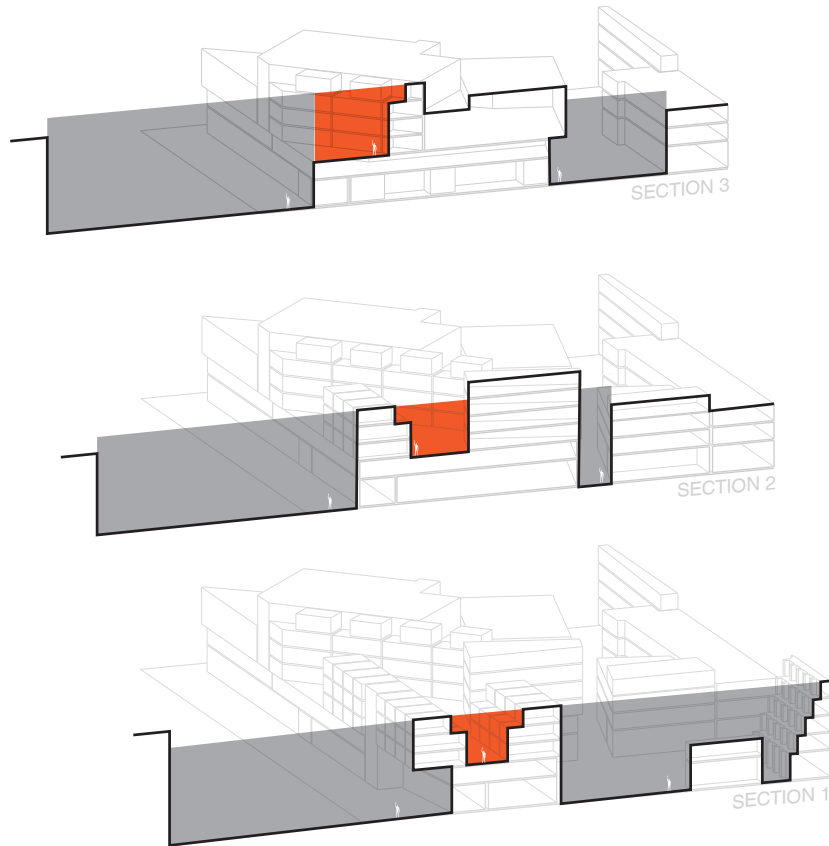


Monnikhof: Collective Space Overview

- non- restrictive access to collective areas is possible which are not dominated by necessary activities



theme research | dwelling in spaces of movement



- diverse scale and proportion can be experienced in public space while intimate human scale is provided in collective space

Zuidpoort: Public & Collective Space Section



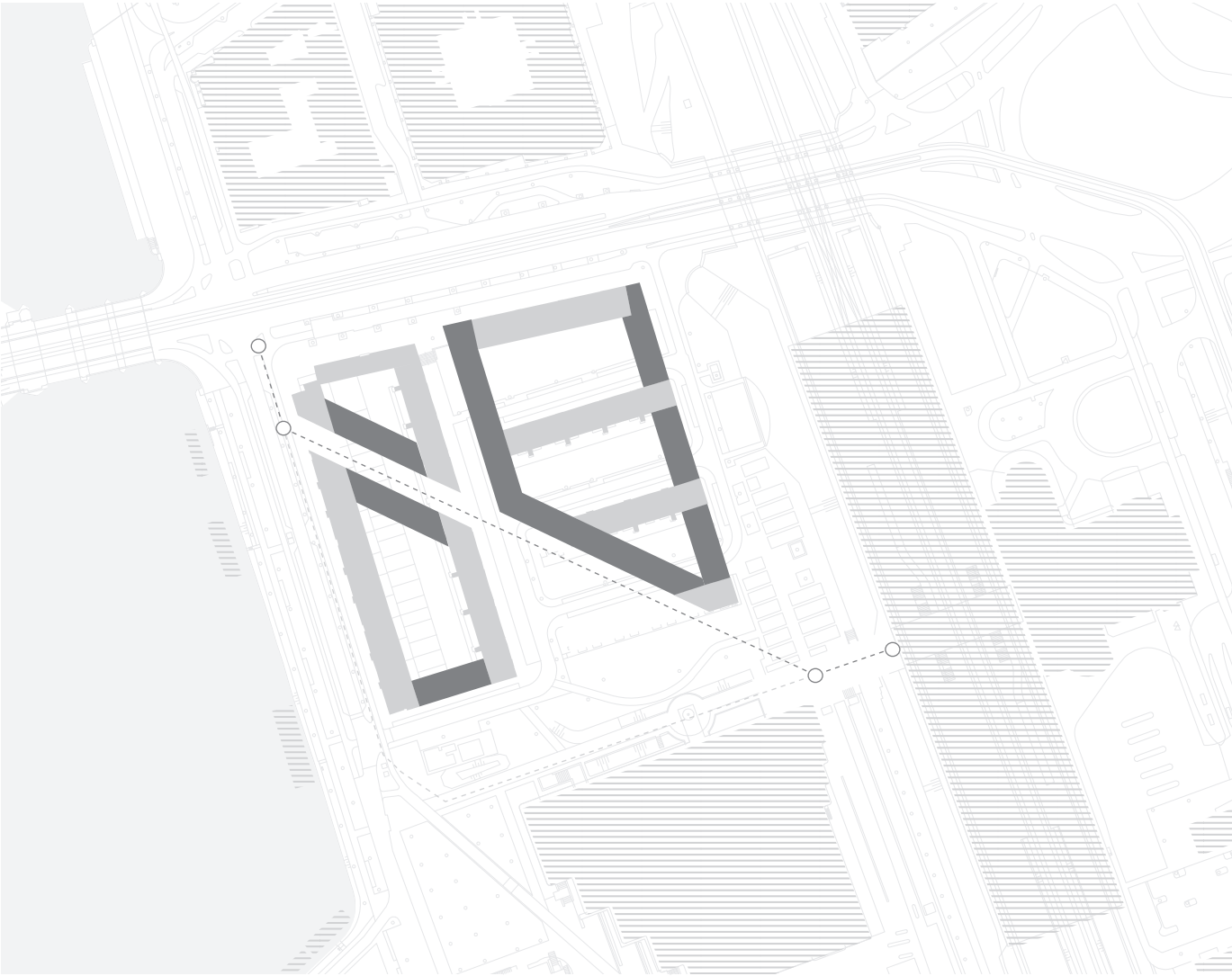
urban plan | current situation



urban plan | clear distinction between public & private



urban plan | routing

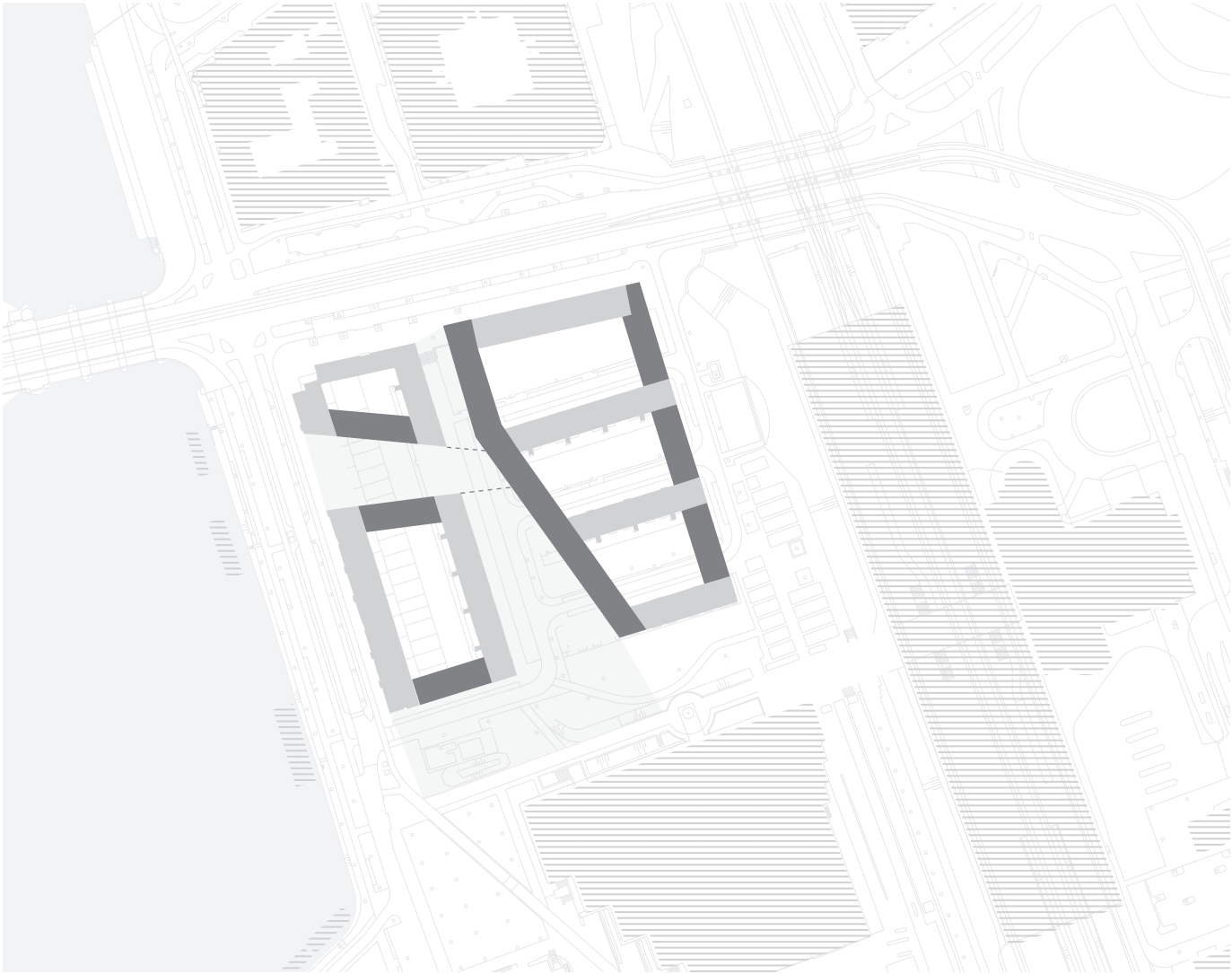




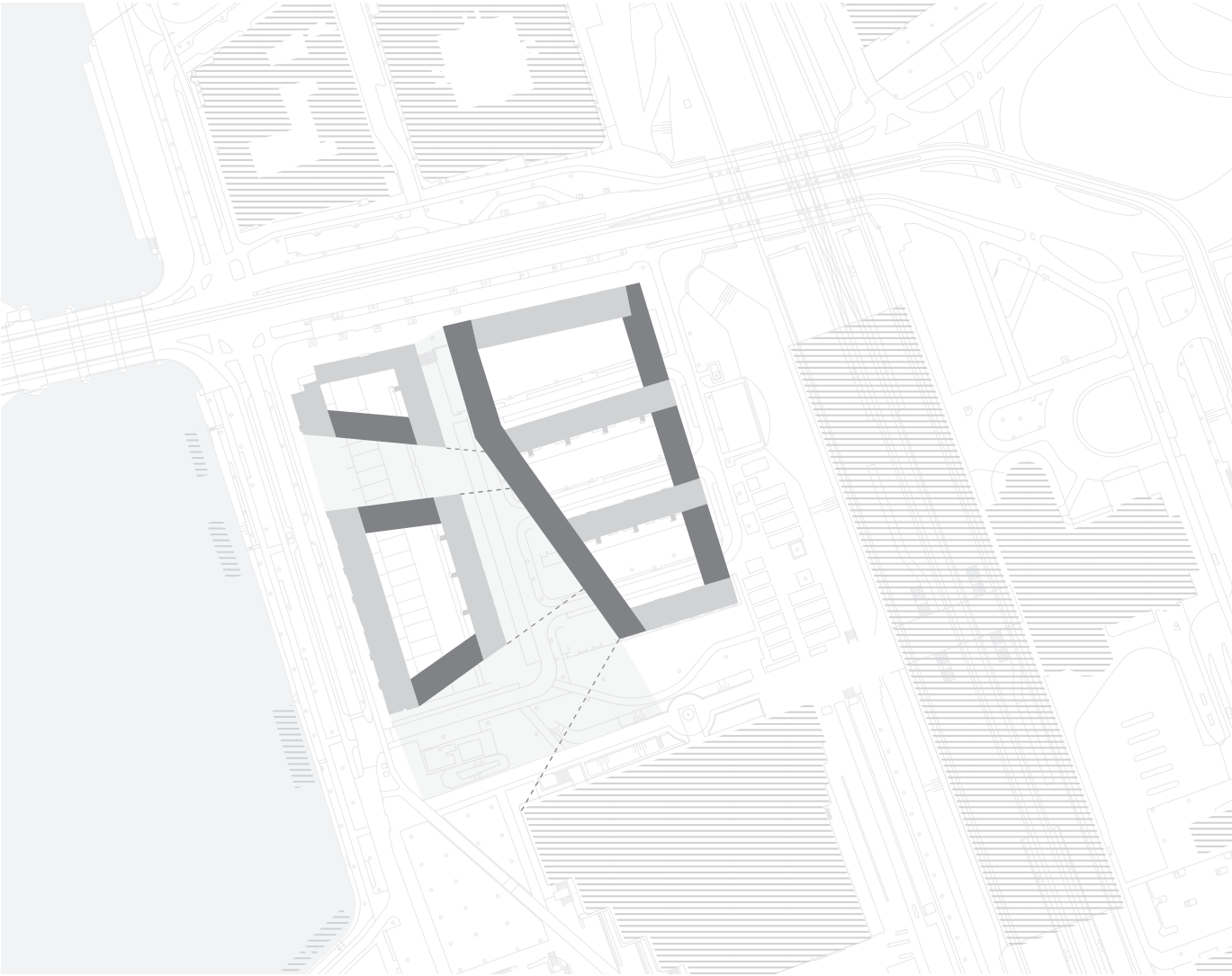
urban plan | sequence



urban plan | square & sightline

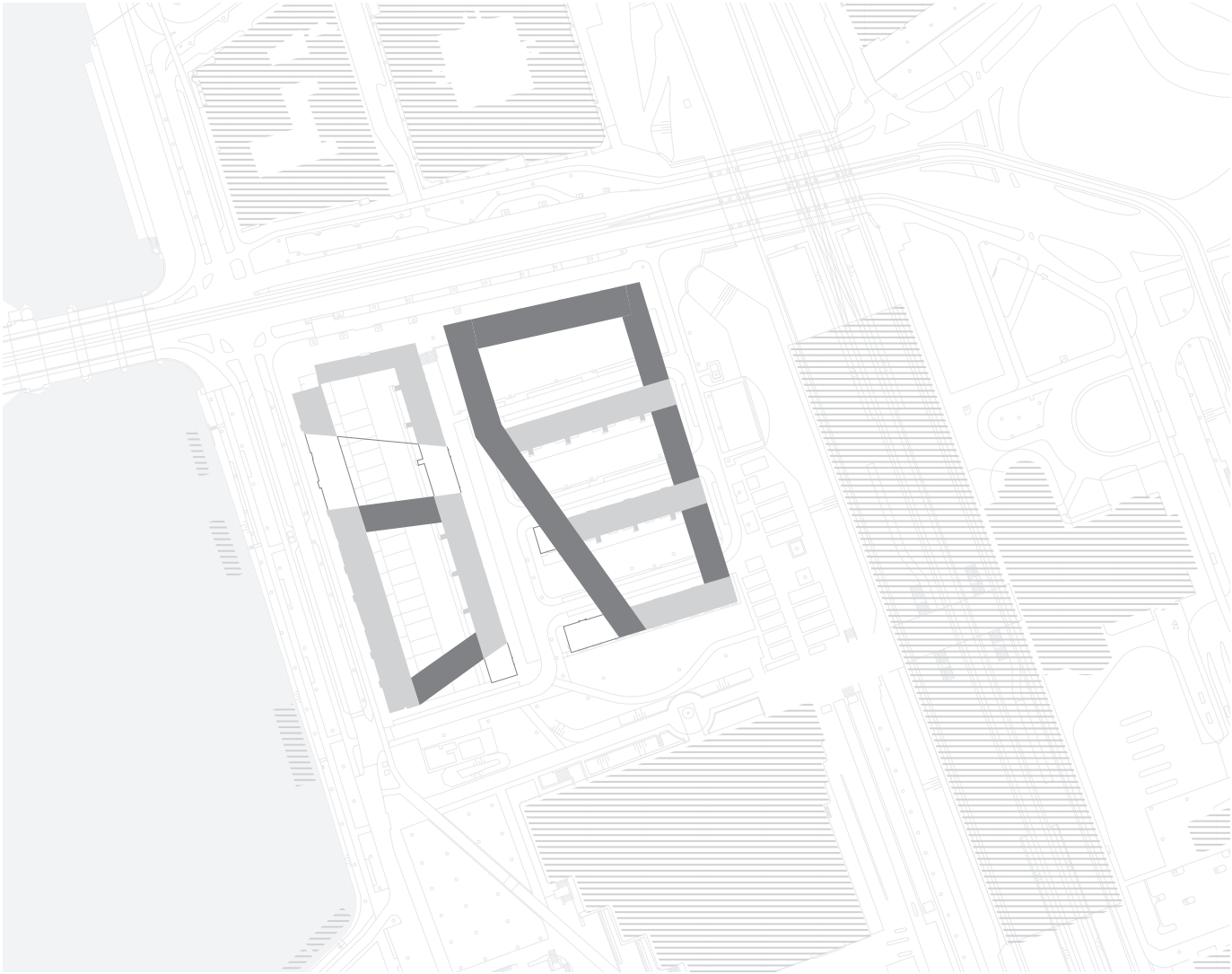


urban plan | square & sightline



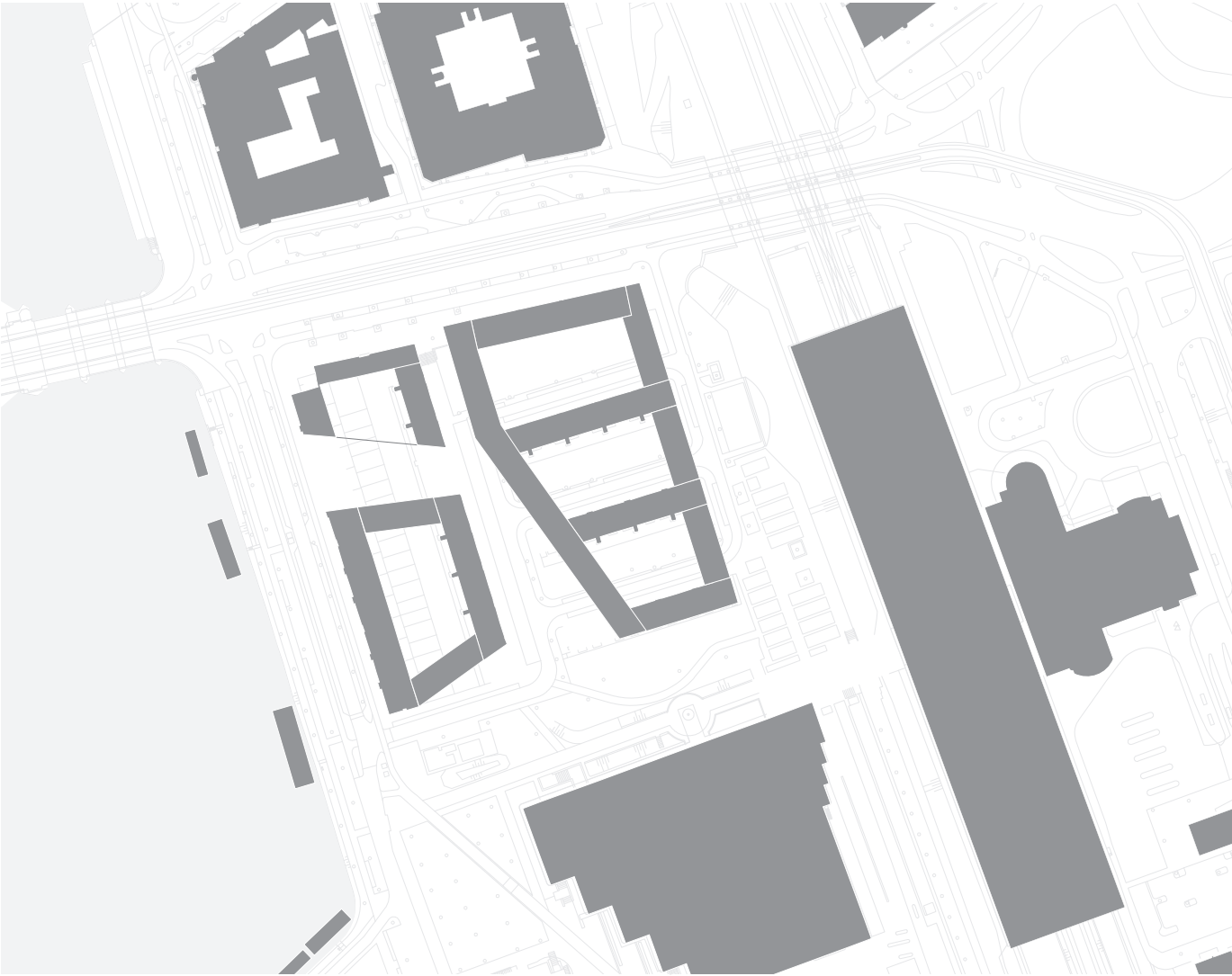


urban plan | transformation



■ EXISTING   □ DEMOLISHED   ■ NEW

urban plan



urban plan | movement | current situation

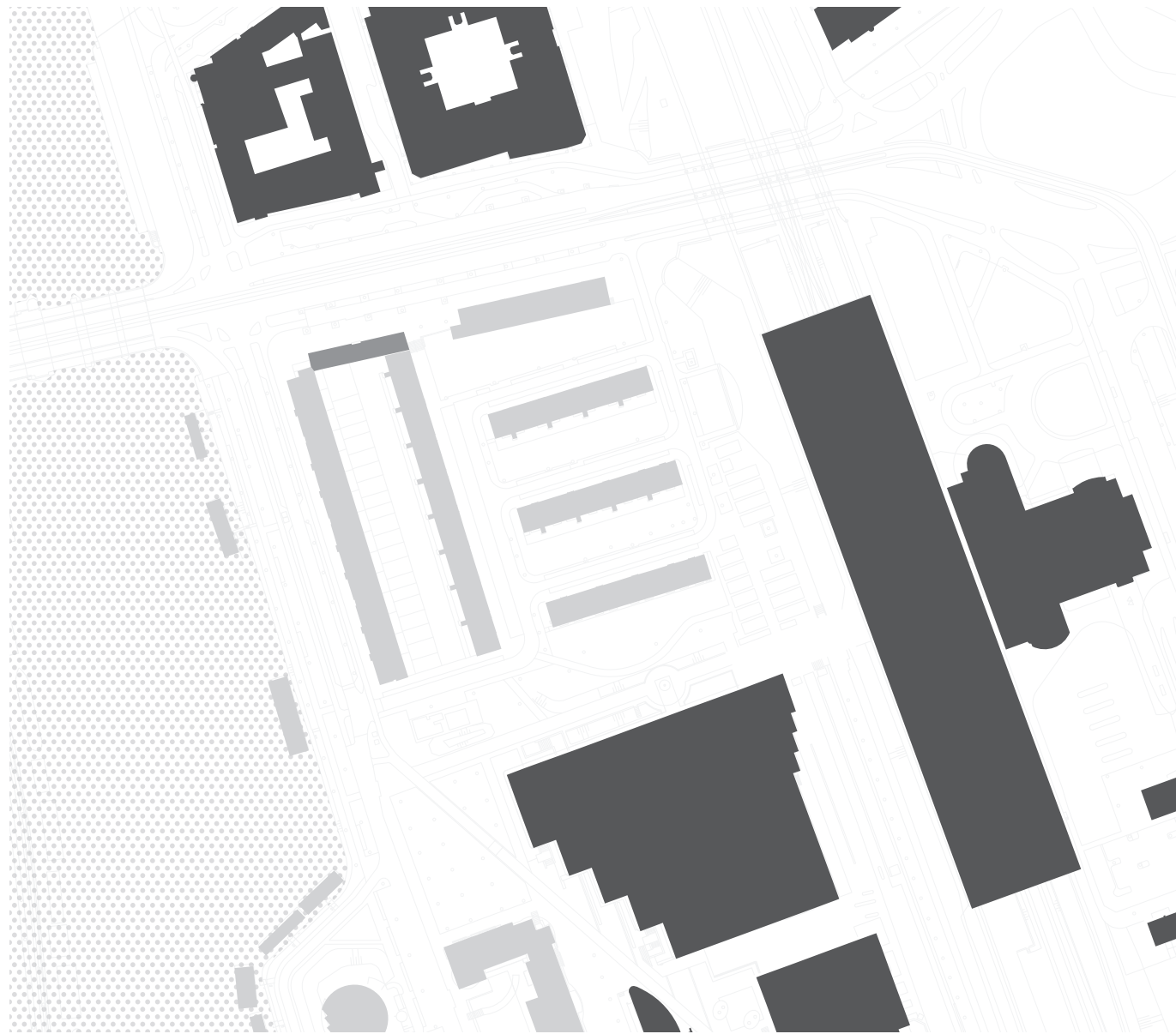






urban plan | function | current situation

ground level

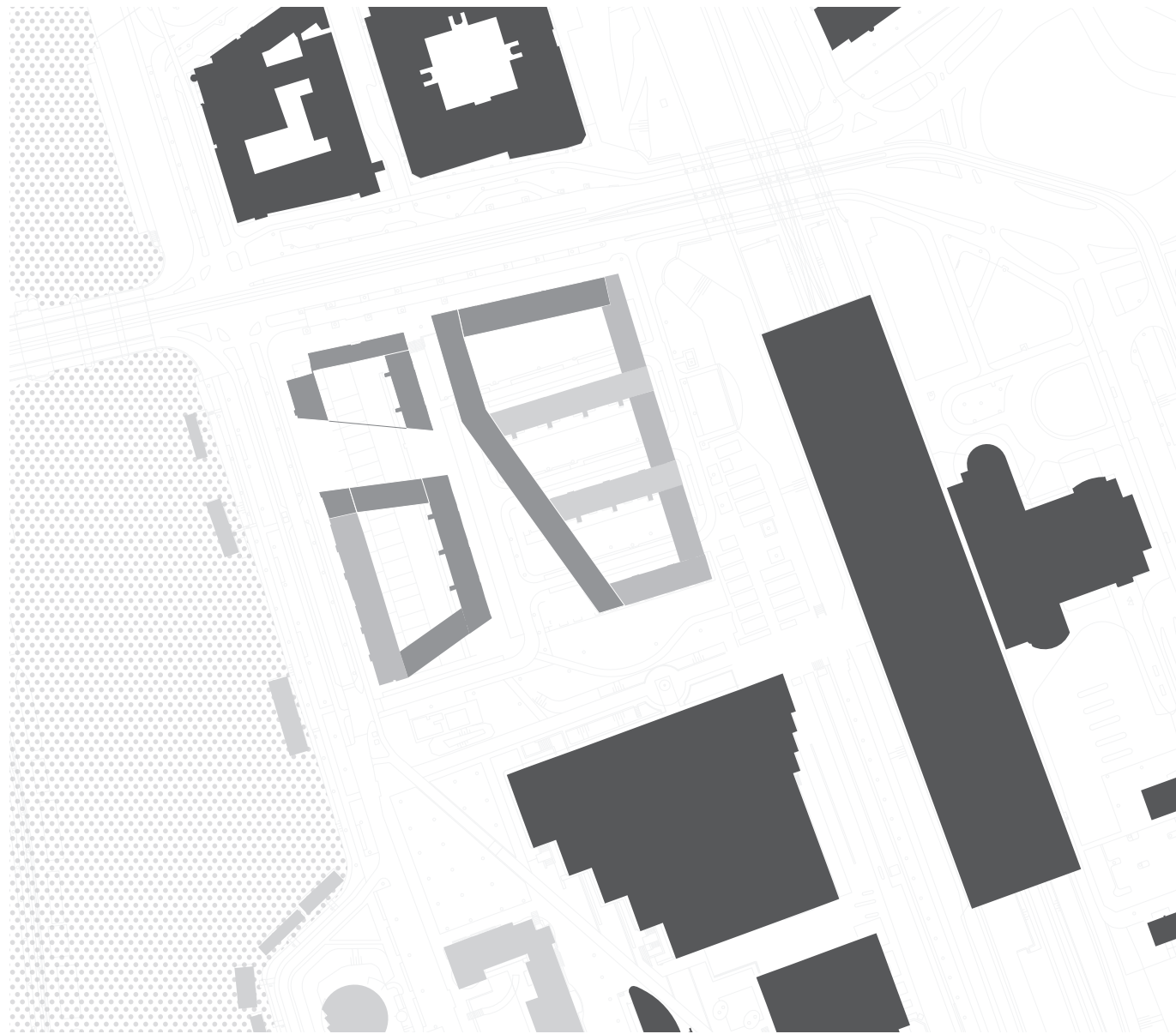


■ dwelling

■ public function

urban plan | function | proposal

ground level



■ dwelling   ■ working + living   ■ public function

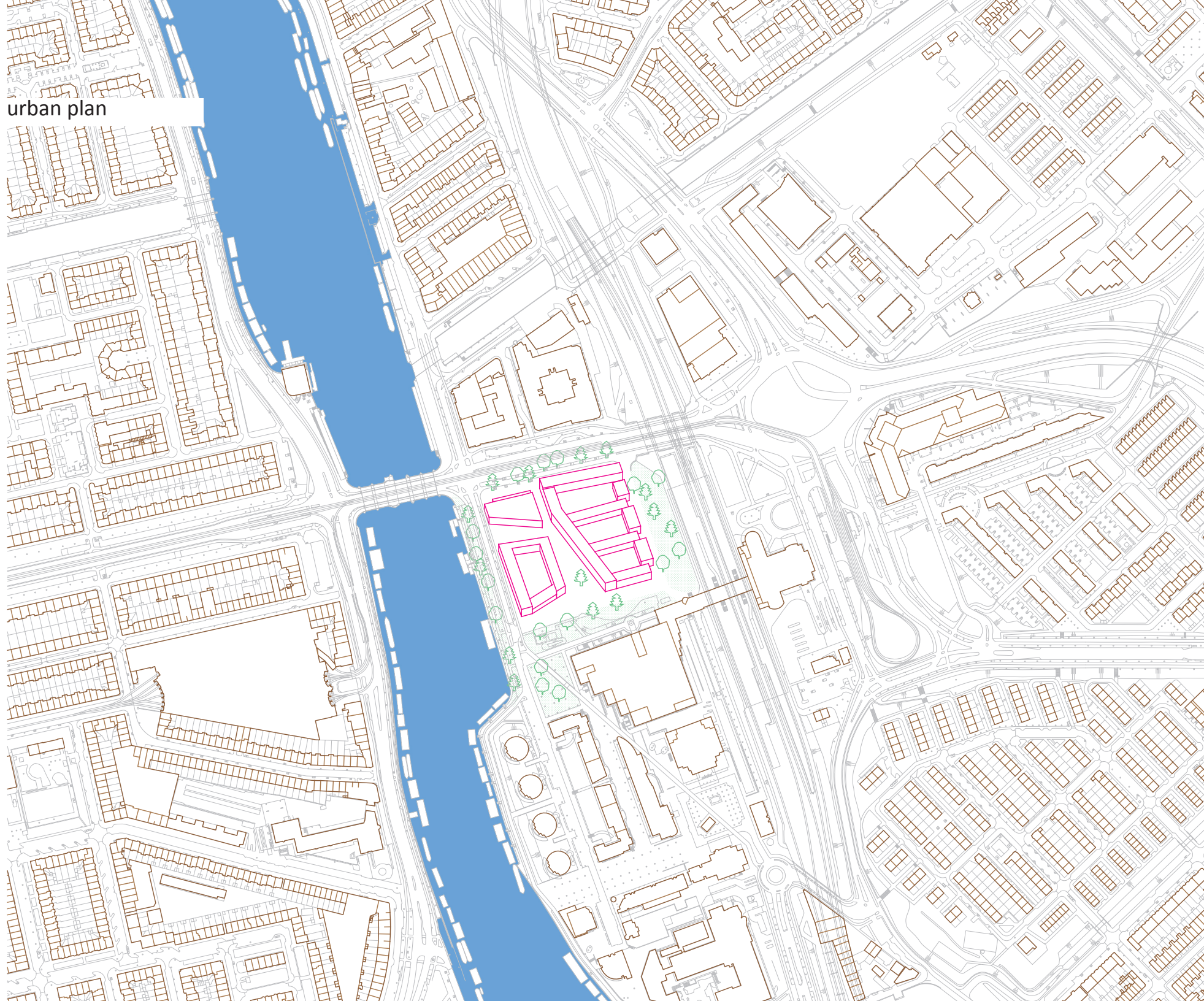


urban plan

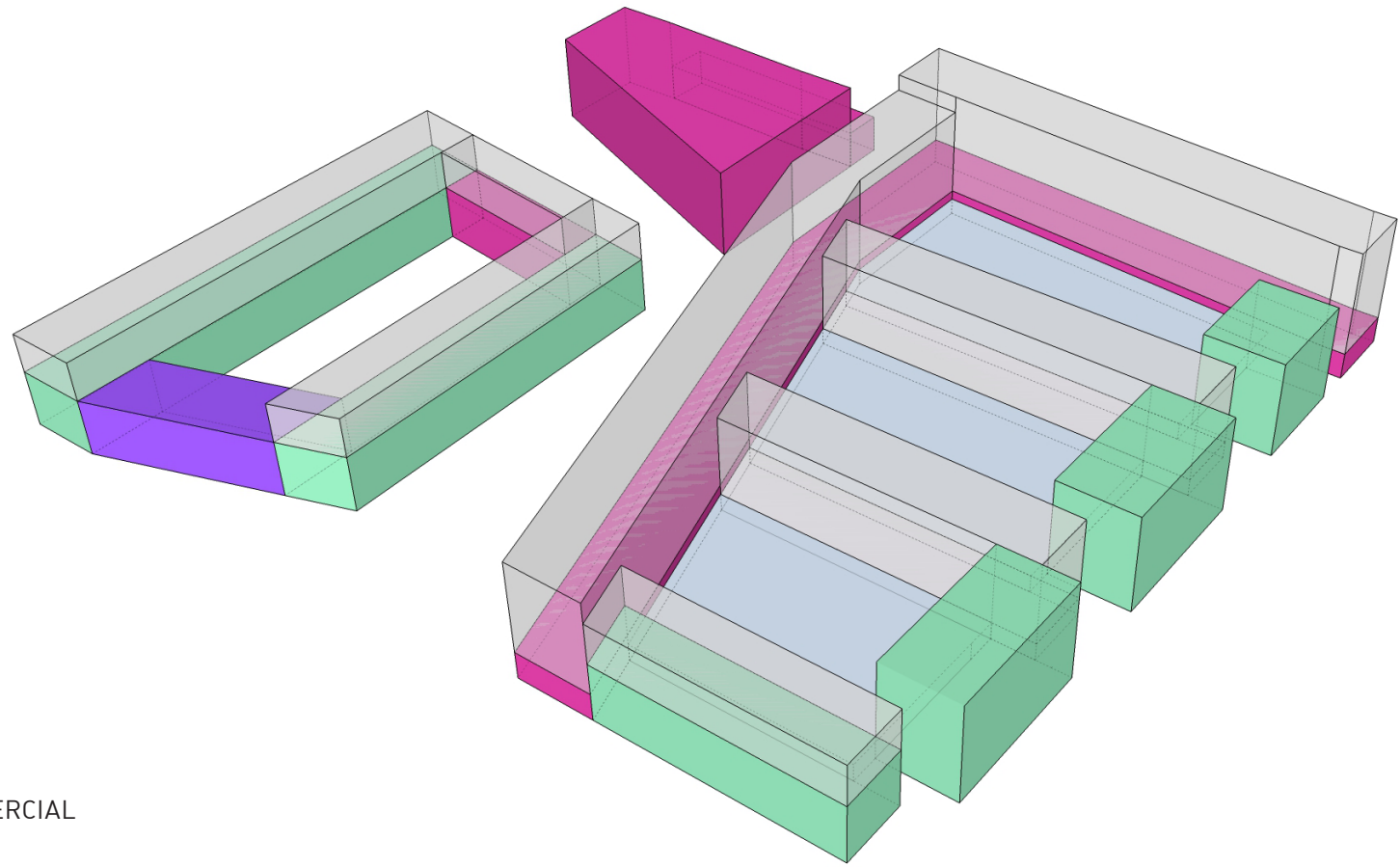




urban plan

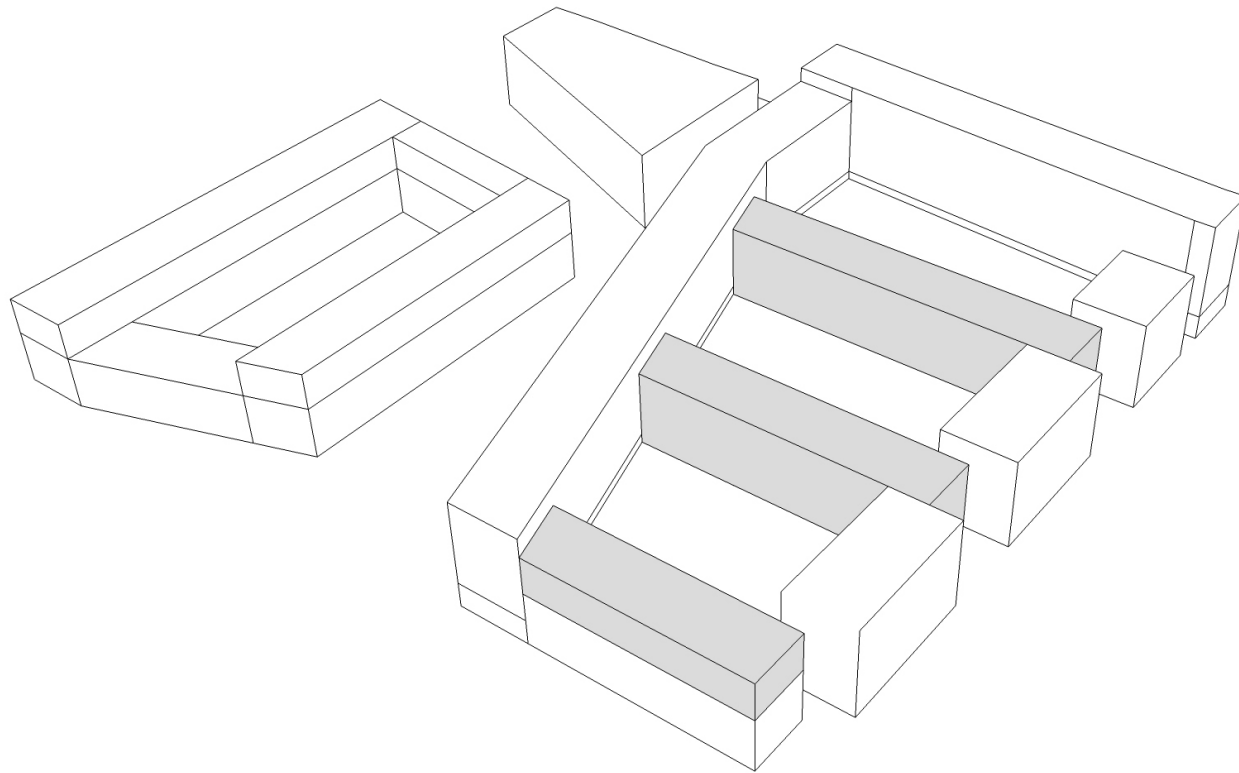


urban plan

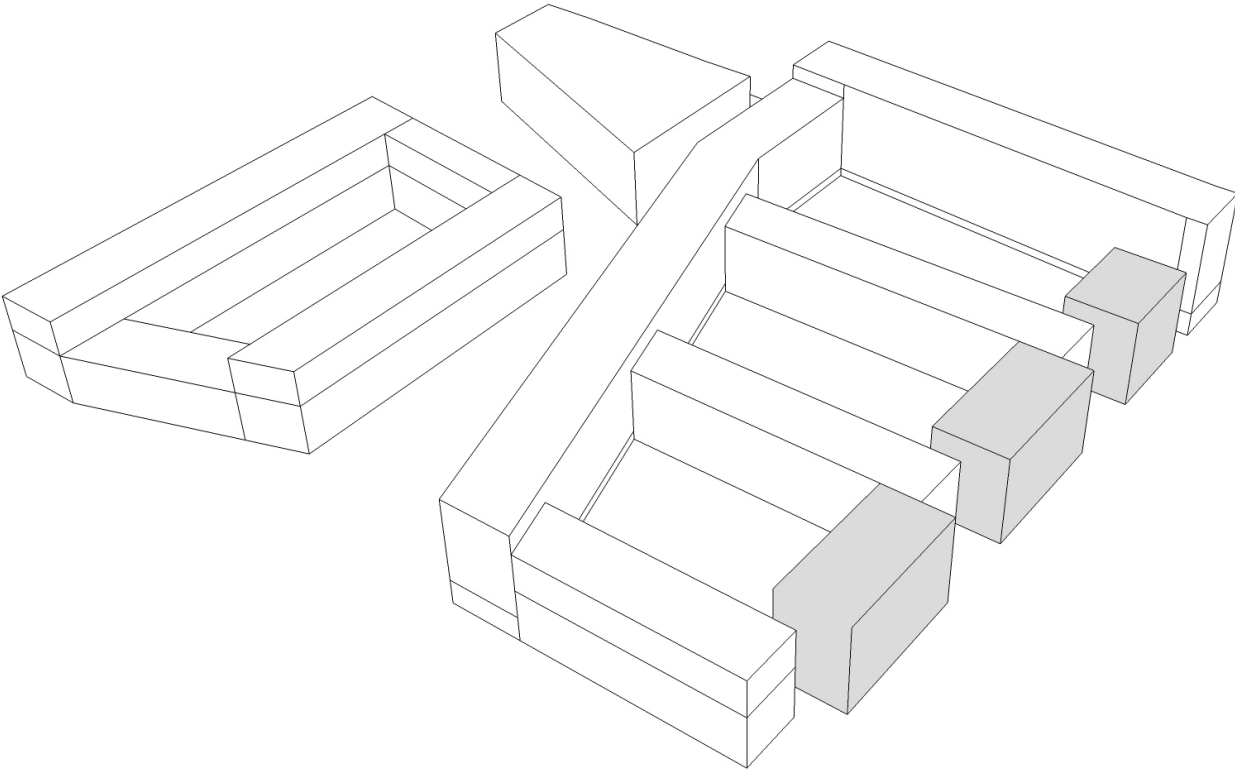


- PUBLIC / COMMERCIAL
- KINDERGARTEN
- WORKING + LIVING
- DWELLING
- PARKING

urban plan | transformation unit

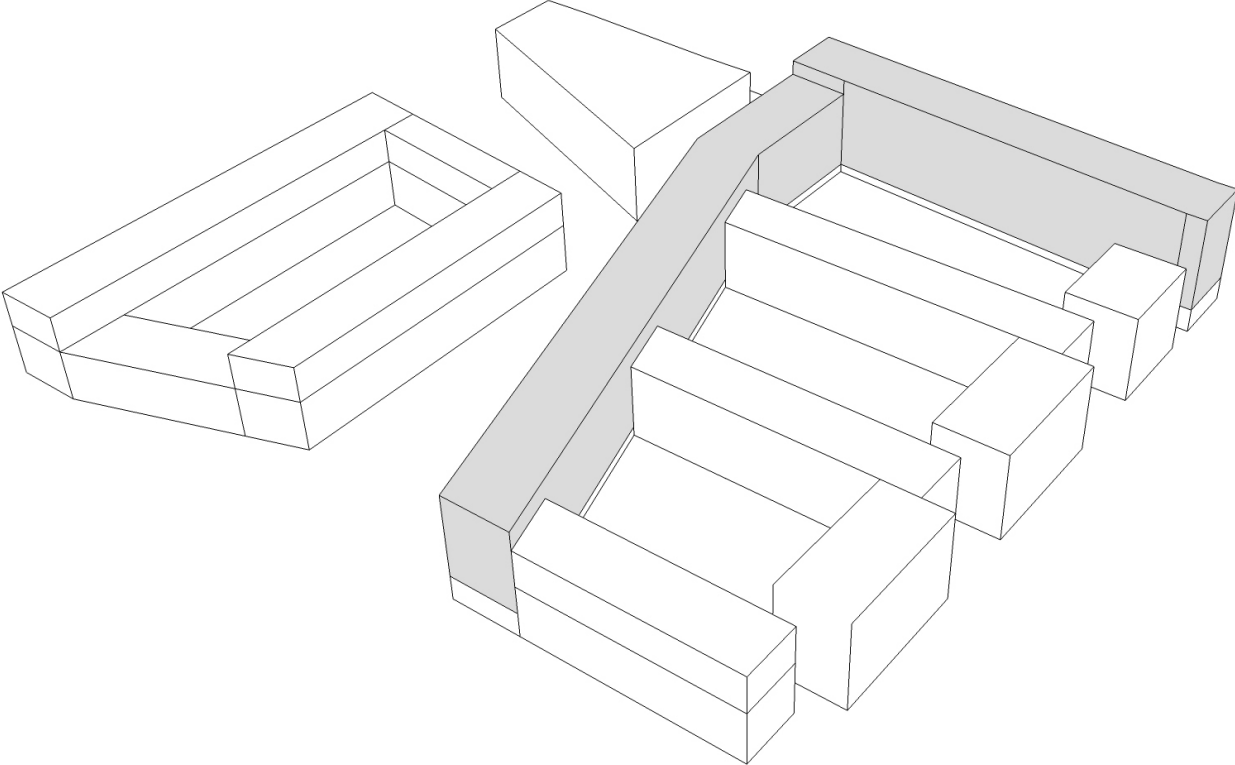


urban plan | working + living unit





urban plan | single housing



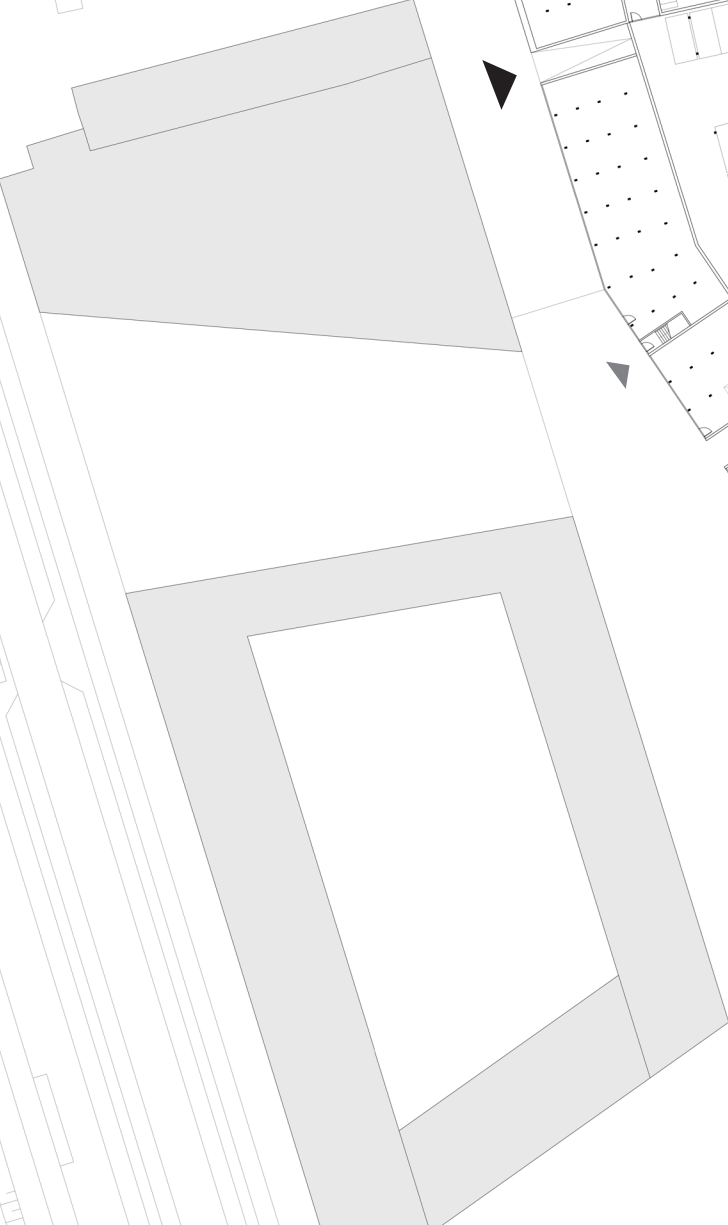








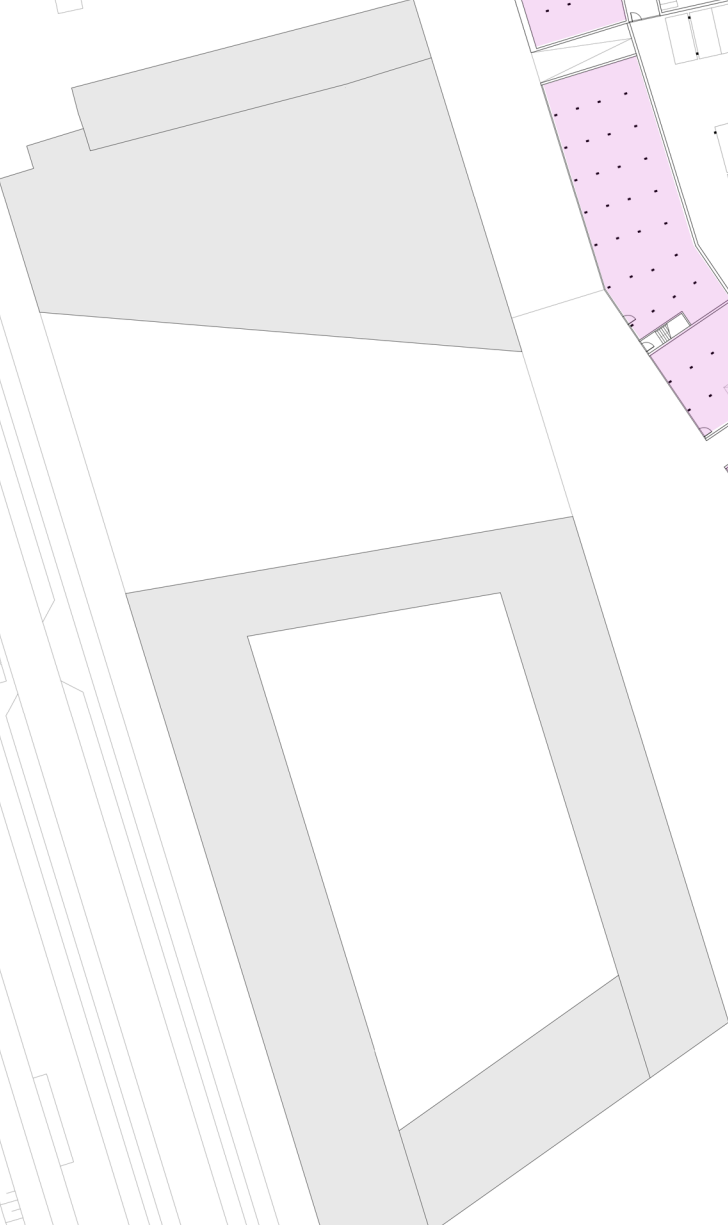
ground floor plan | entrance



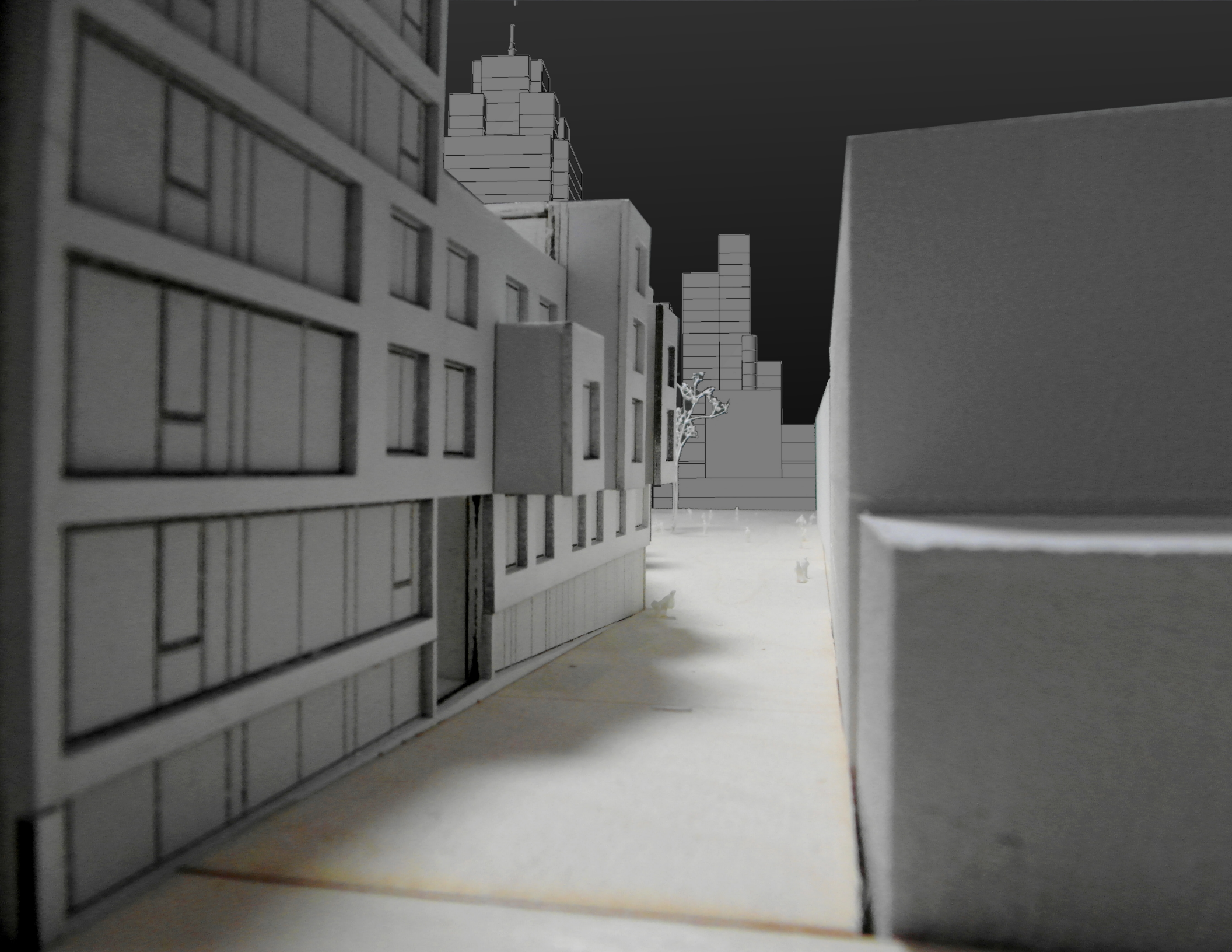




ground floor plan | commercial function





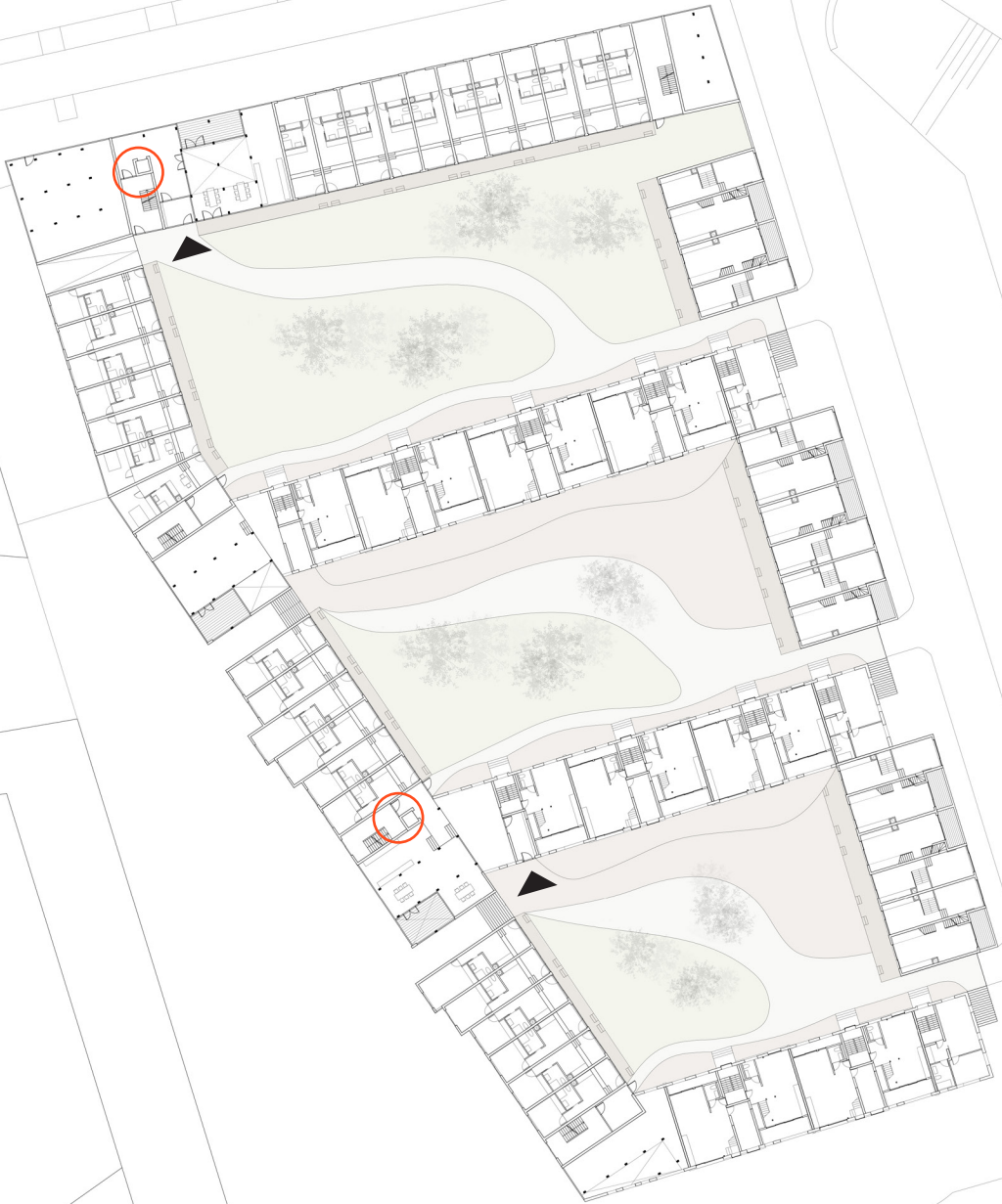








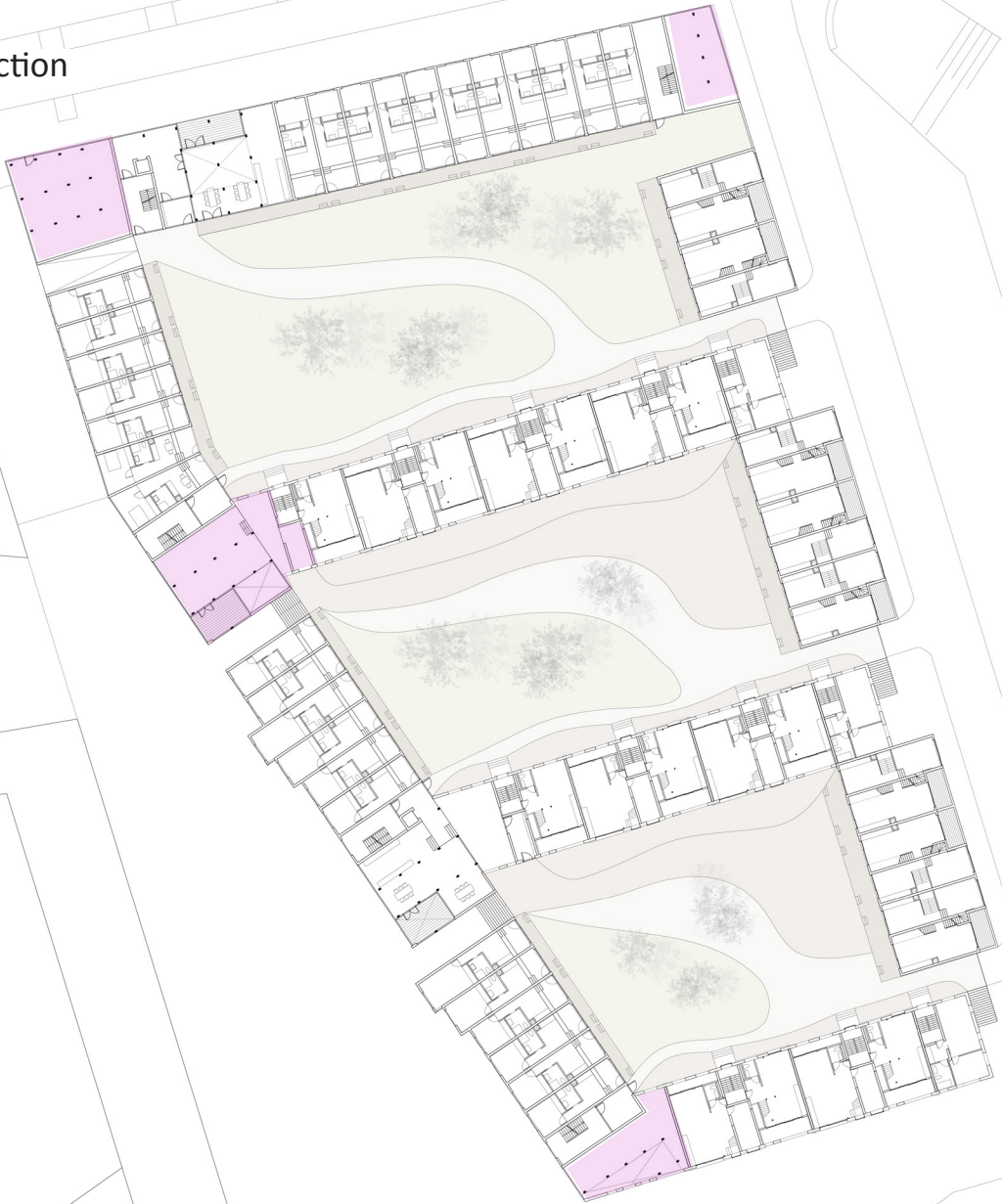
first floor plan | entrance



first floor plan | entrance and routes

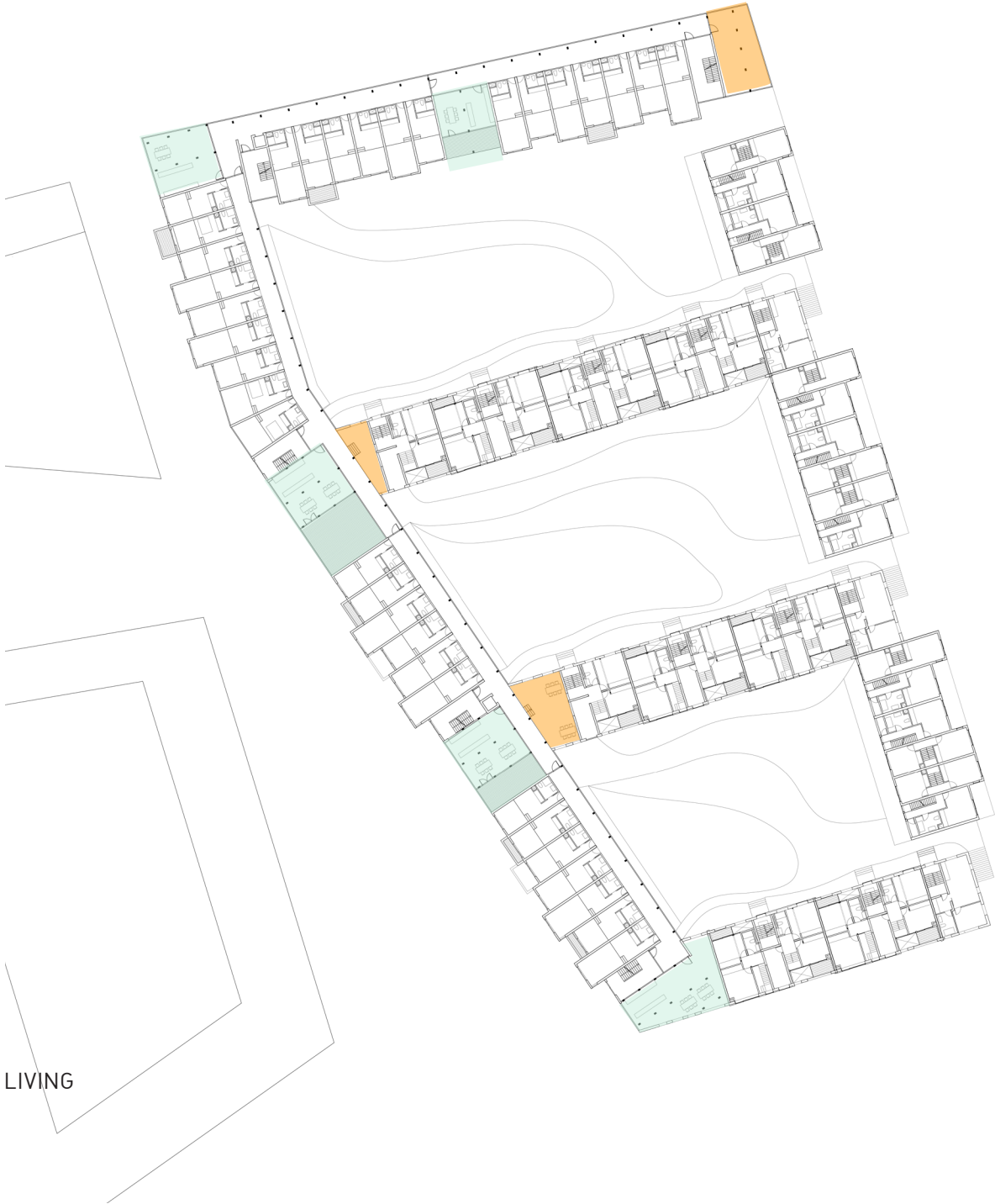


first floor plan | commercial function





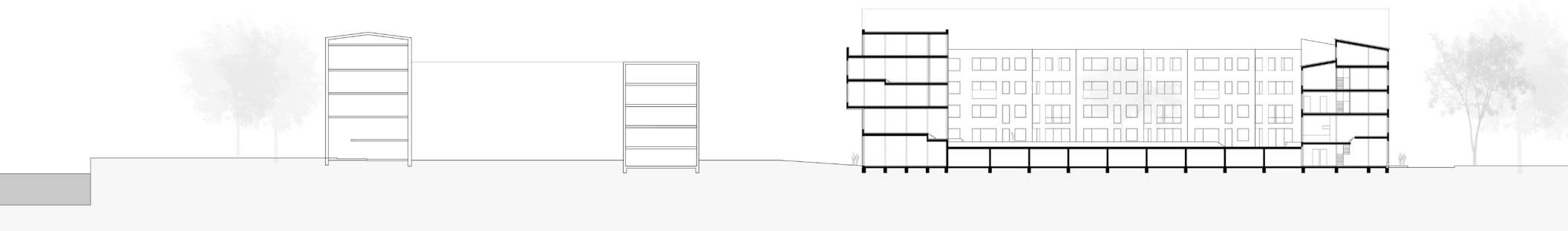
thrid floor plan



SHARED KITCHEN + LIVING  
STUDY AREA



section



west elevation







## housing design concept



- Mixed Use
- Natural extension of indoor space to out door space
- Extruded balcony



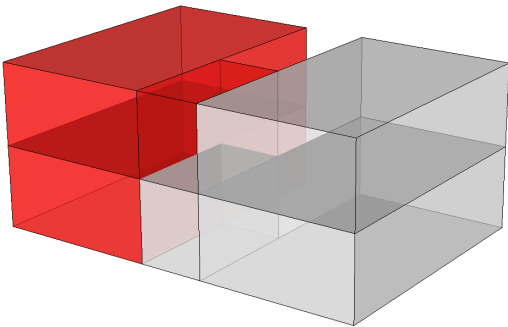
- A way to the backside homes
- Irregular width of the building
- Decreasing size of windows in upper level



- Big Openings to the Courtyard / Living or Kitchen area is connected
- Plantation

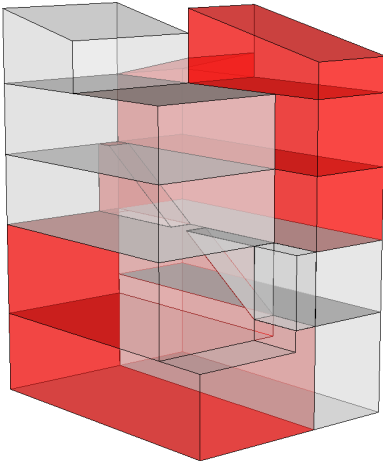


typology



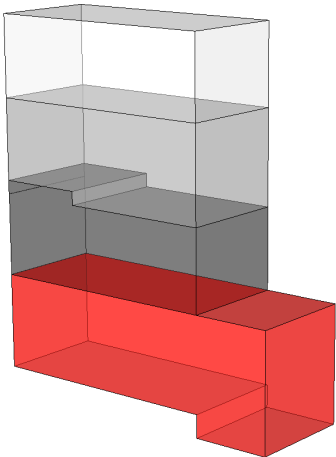
Transformation  
/ Family Housing

32 units



Working + Living unit  
/ Family Housing

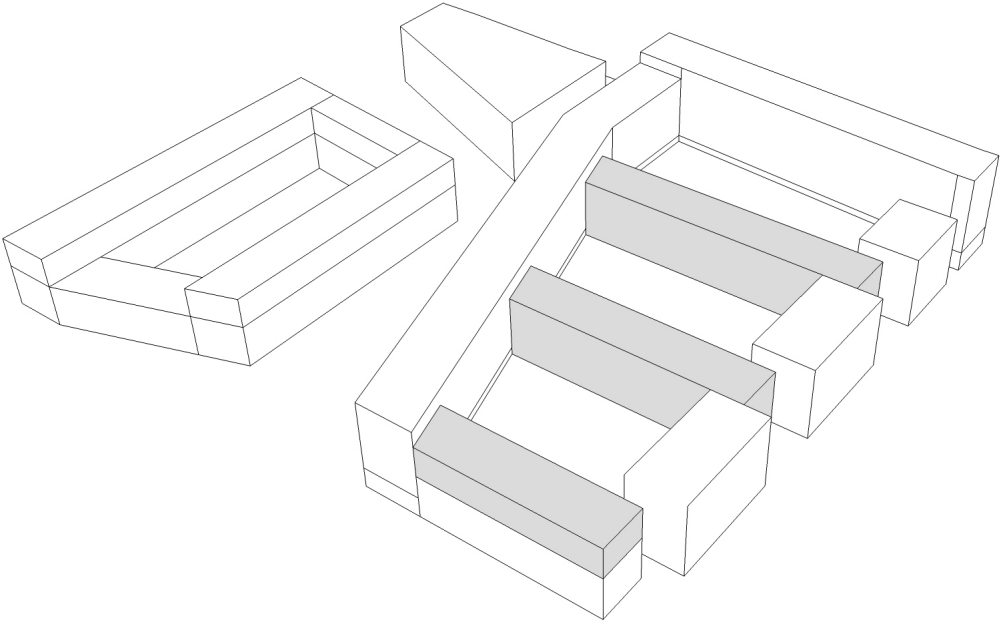
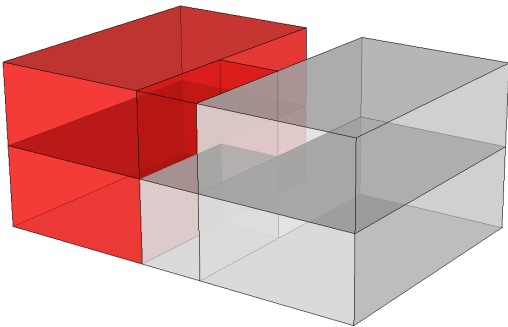
18 units



Single Housing

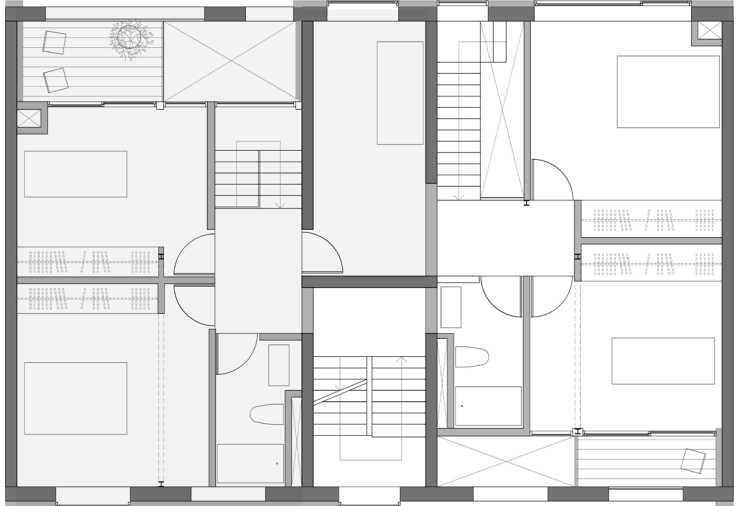
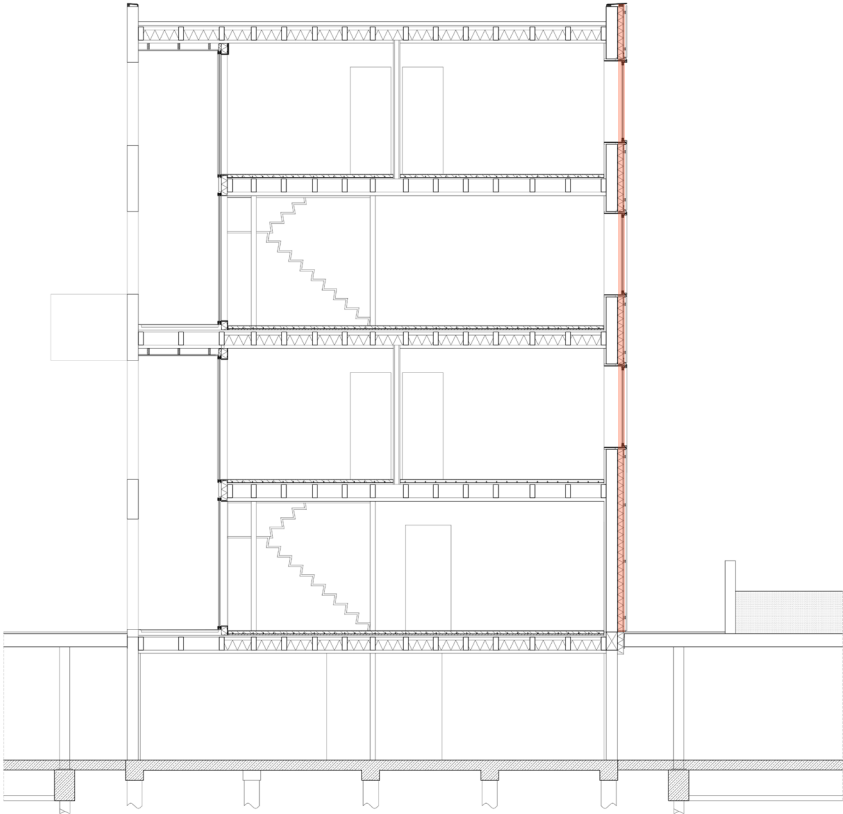
110 units

typology \_ transformation

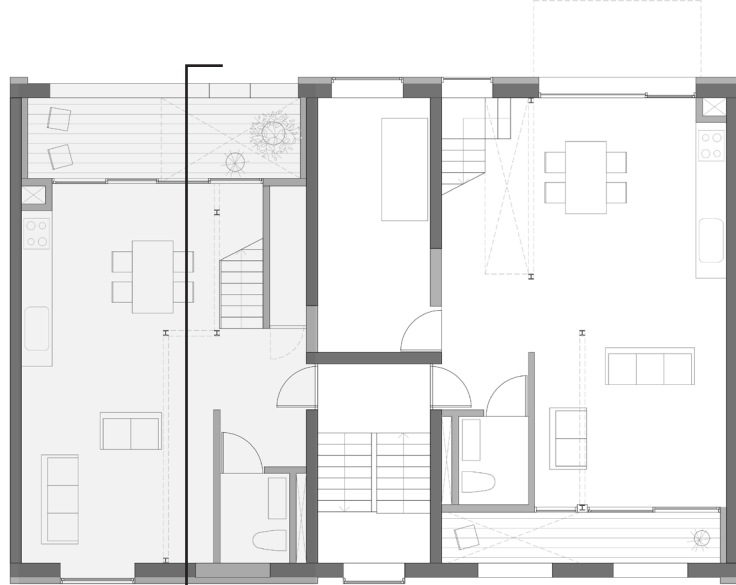


Transformation / Family Housing

typology\_transformation



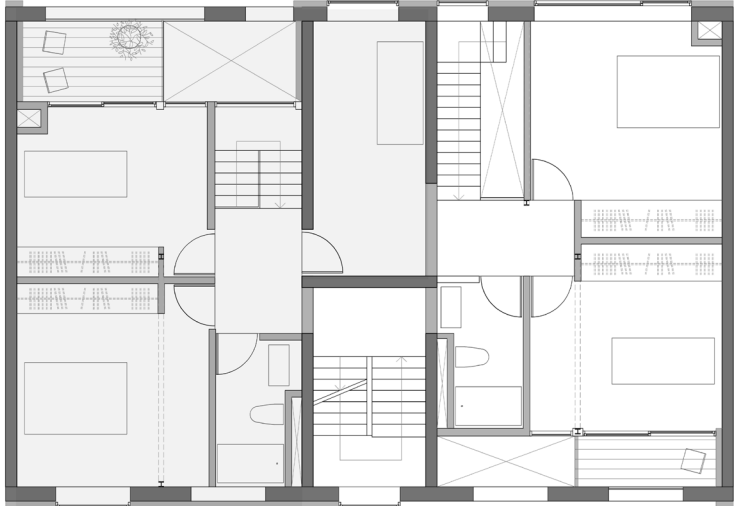
Second Floor Plan



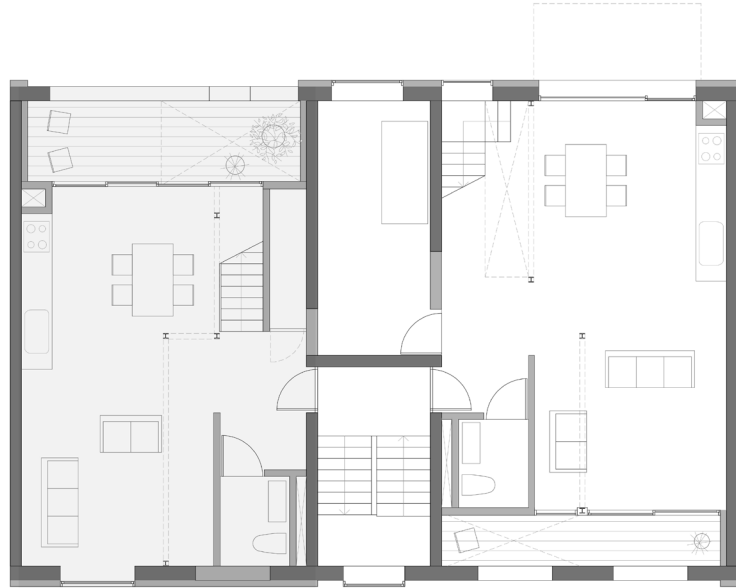
First Floor Plan



typology\_transformation

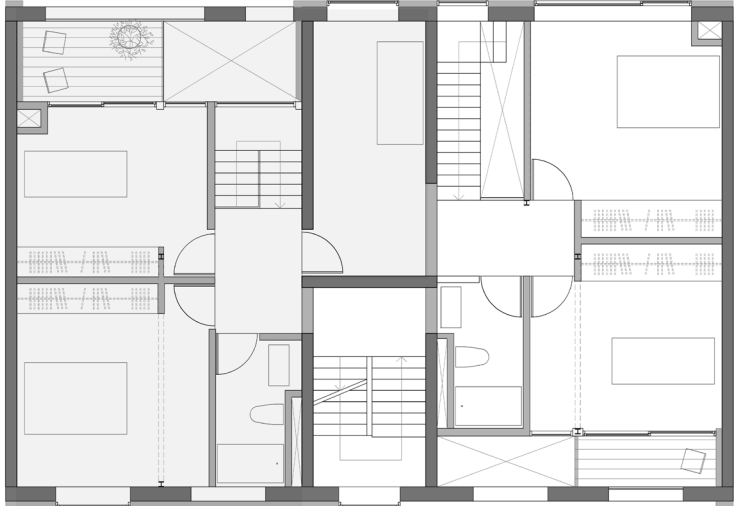


Second Floor Plan

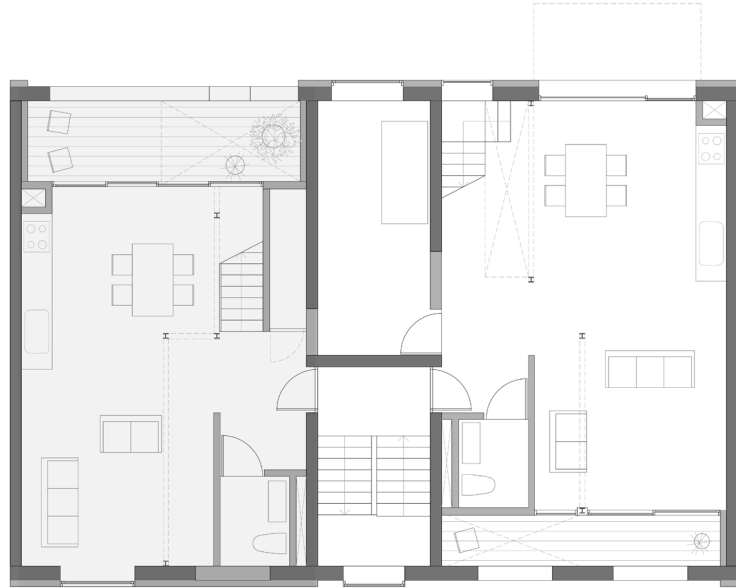


First Floor Plan

typology\_transformation



Second Floor Plan



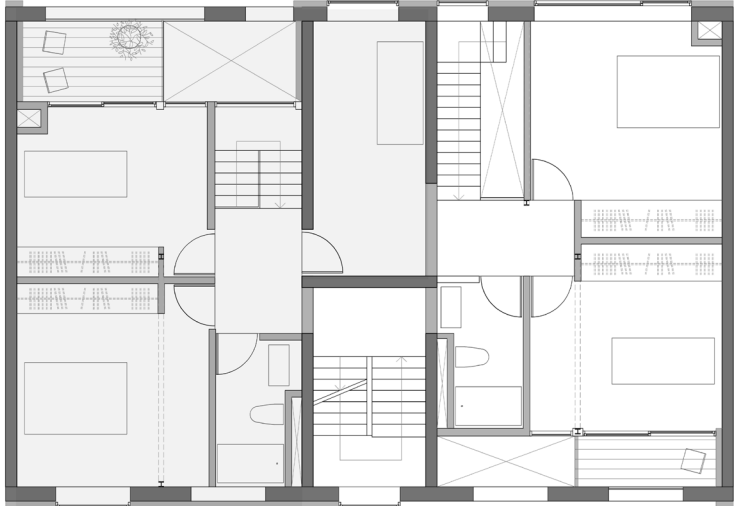
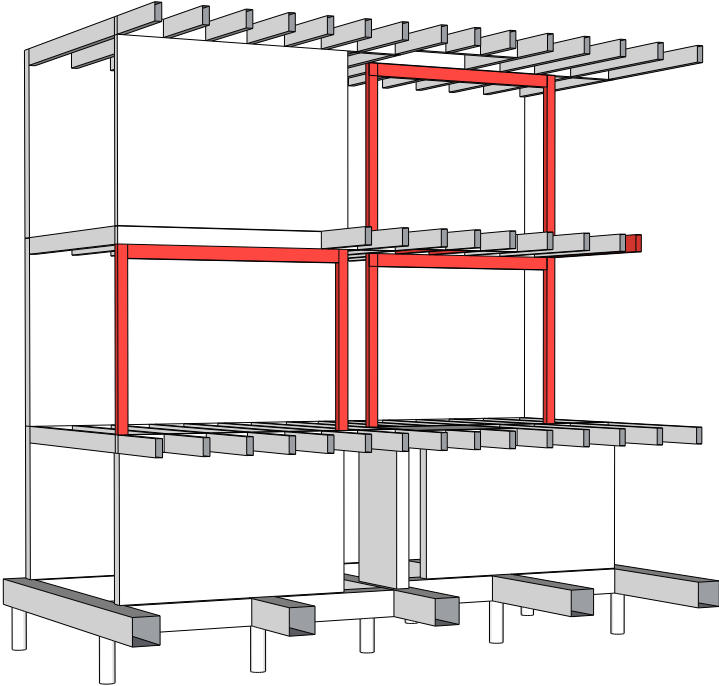
First Floor Plan

typology \_ transformation

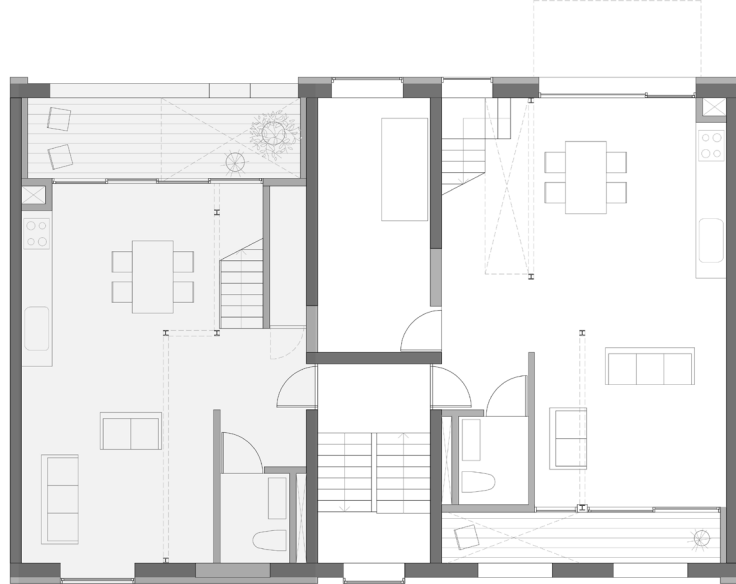




typology\_transformation

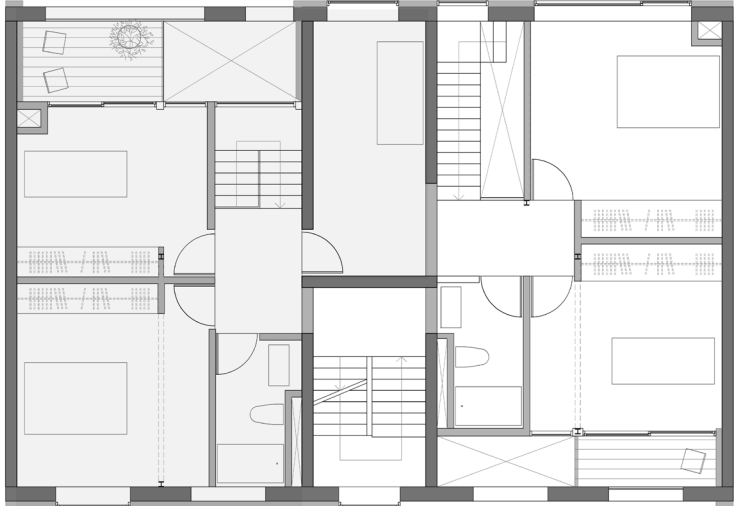
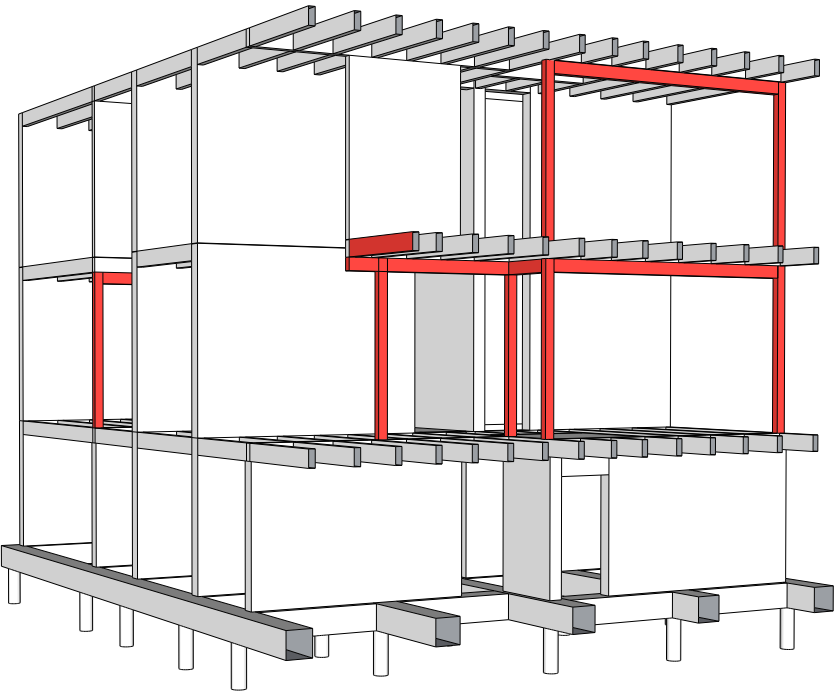


Second Floor Plan

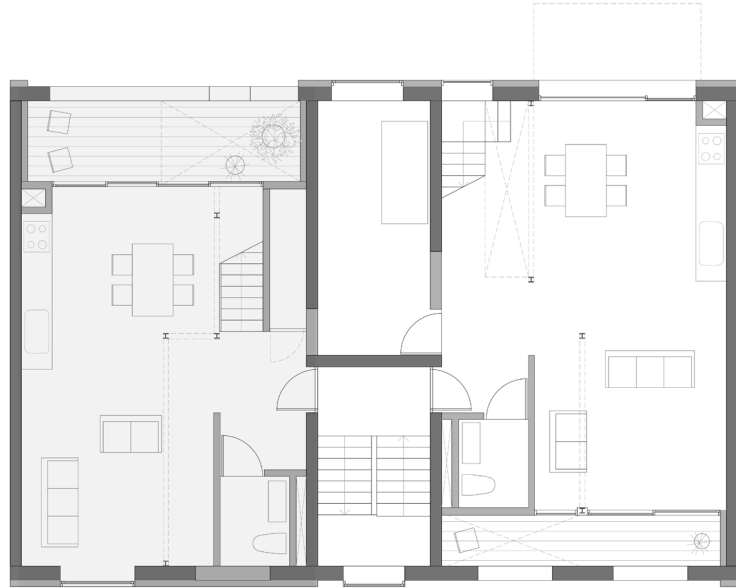


First Floor Plan

typology\_transformation

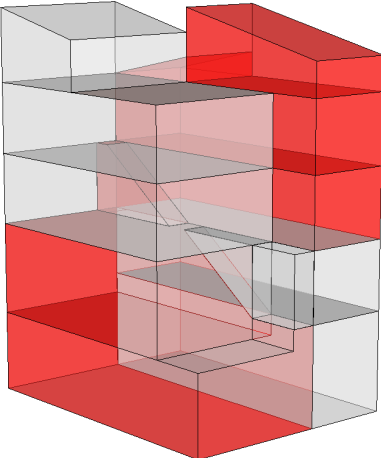


Second Floor Plan

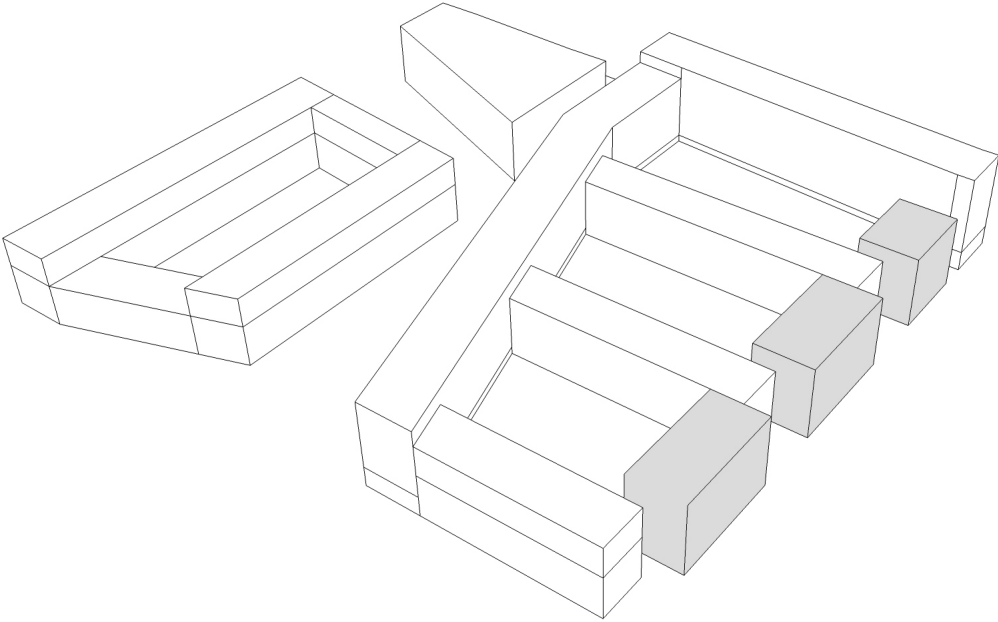


First Floor Plan

typology \_ family housing

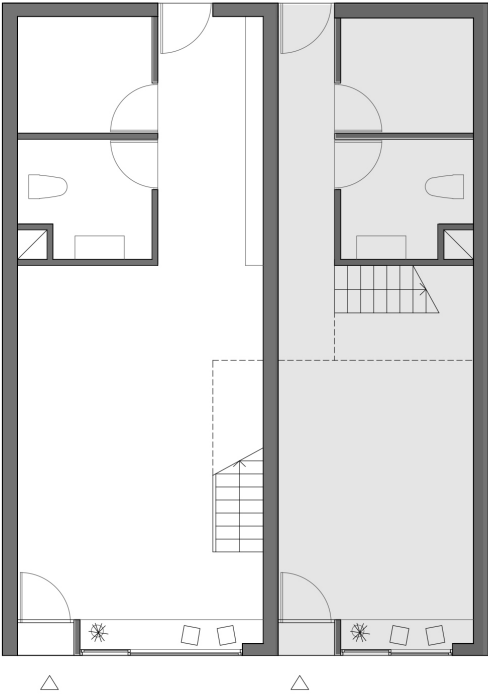


Workign Living unit  
/ Family Housing

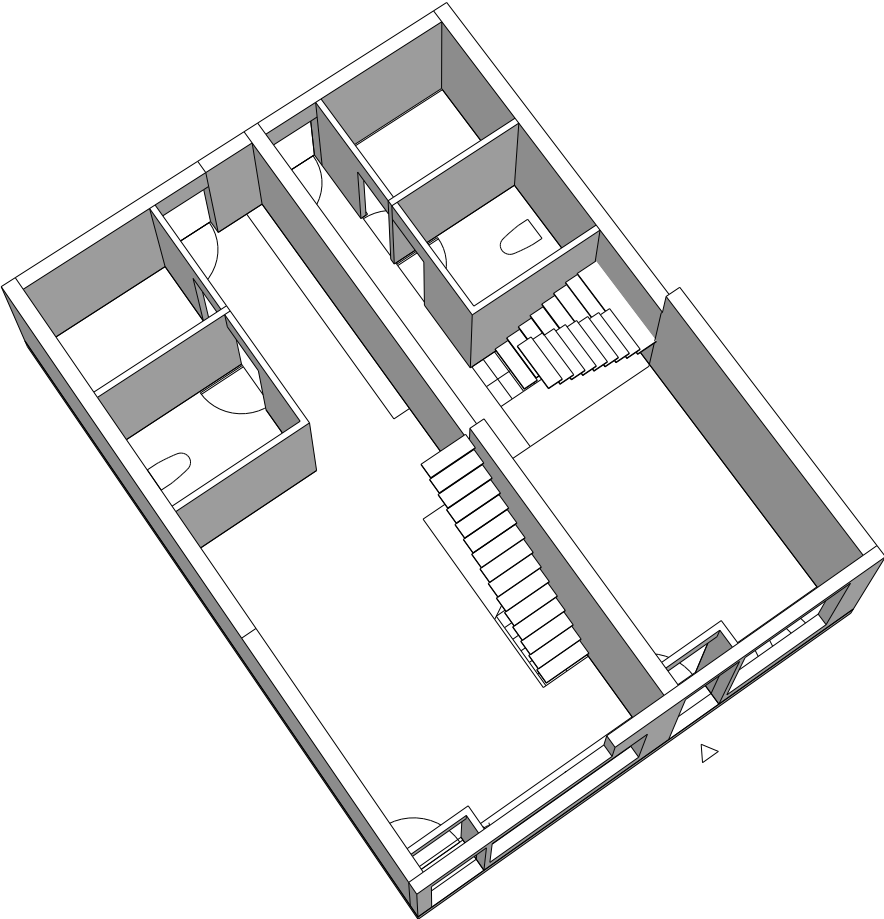




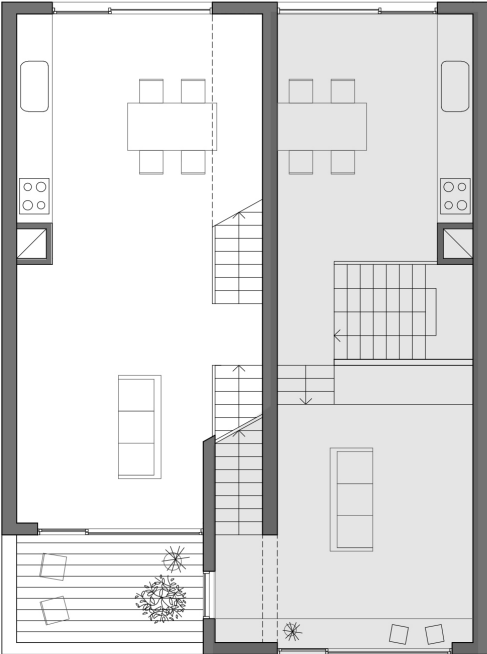
typology \_ family housing



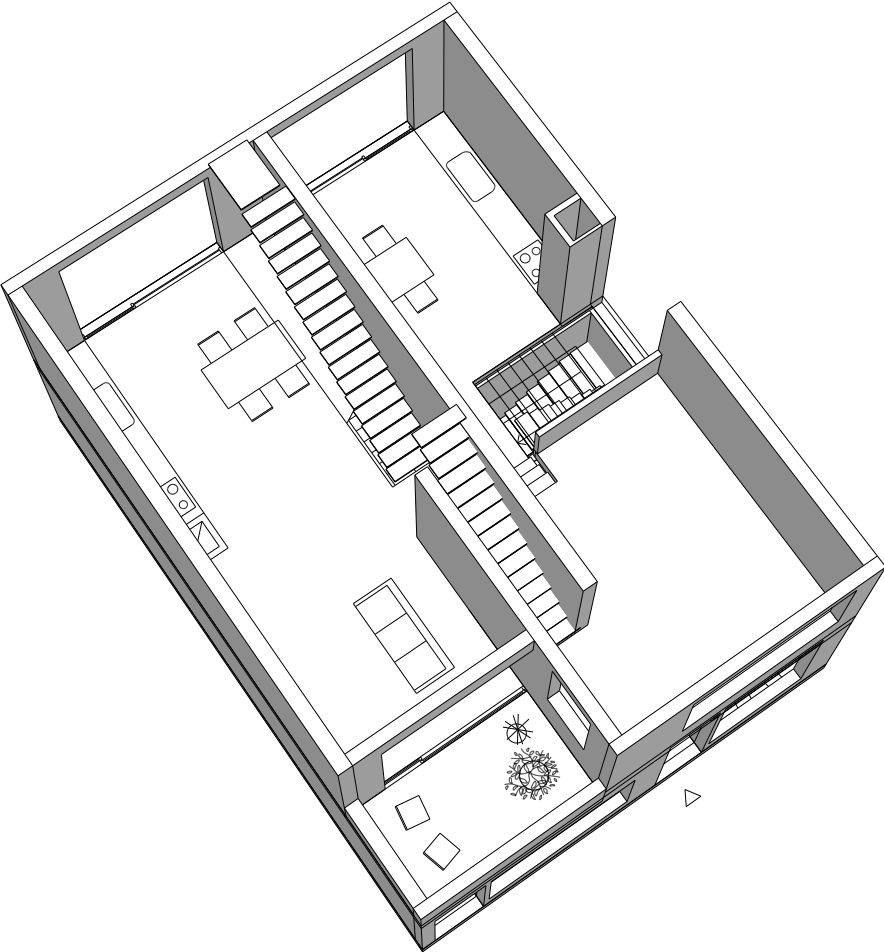
Ground Floor Plan 1:100



typology \_ family housing



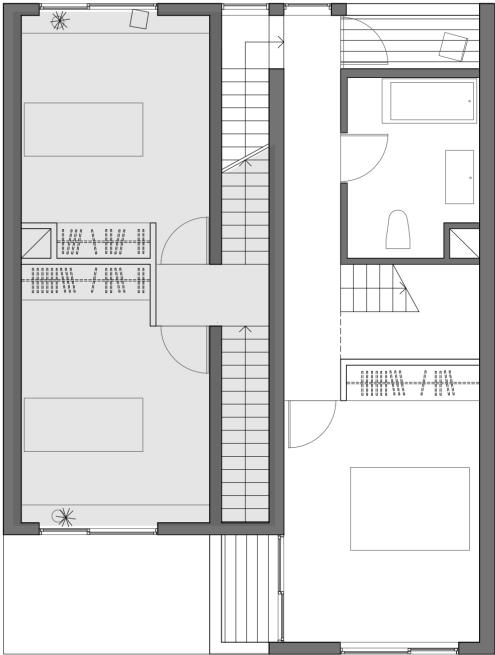
First Floor Plan



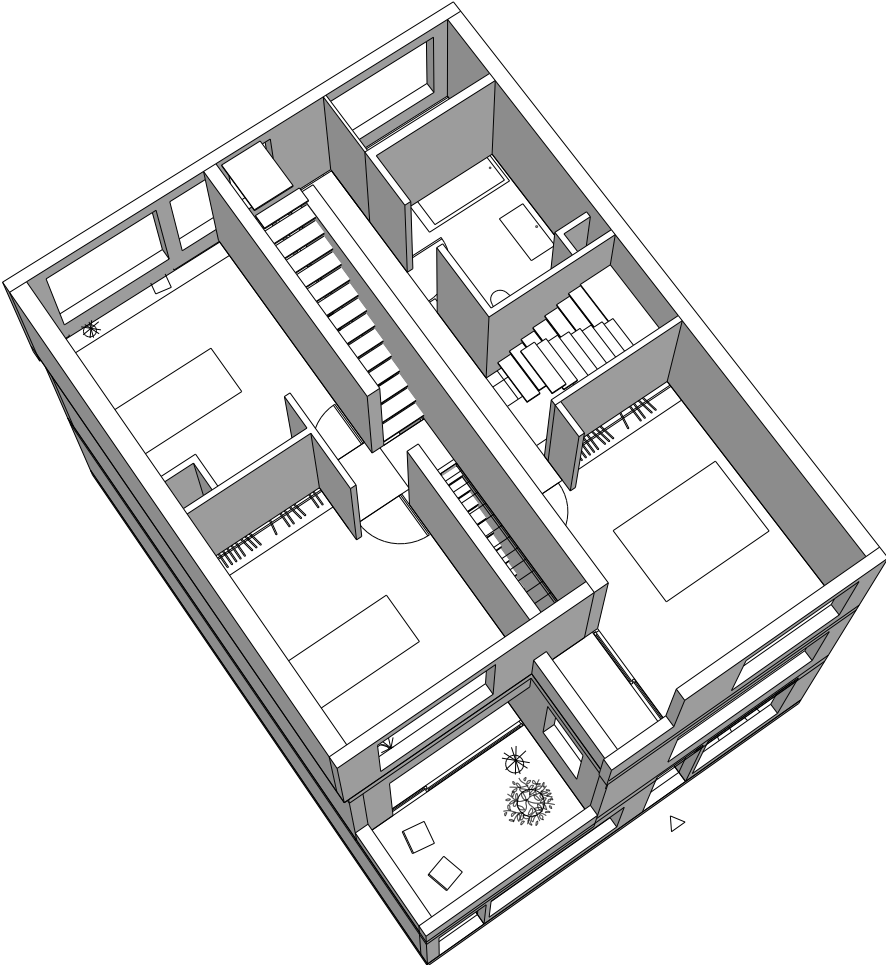
typology \_ family housing



typology \_ family housing

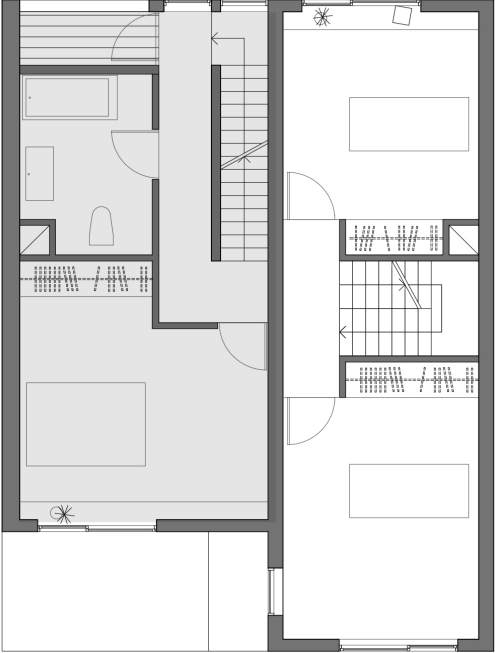


Second Floor Plan

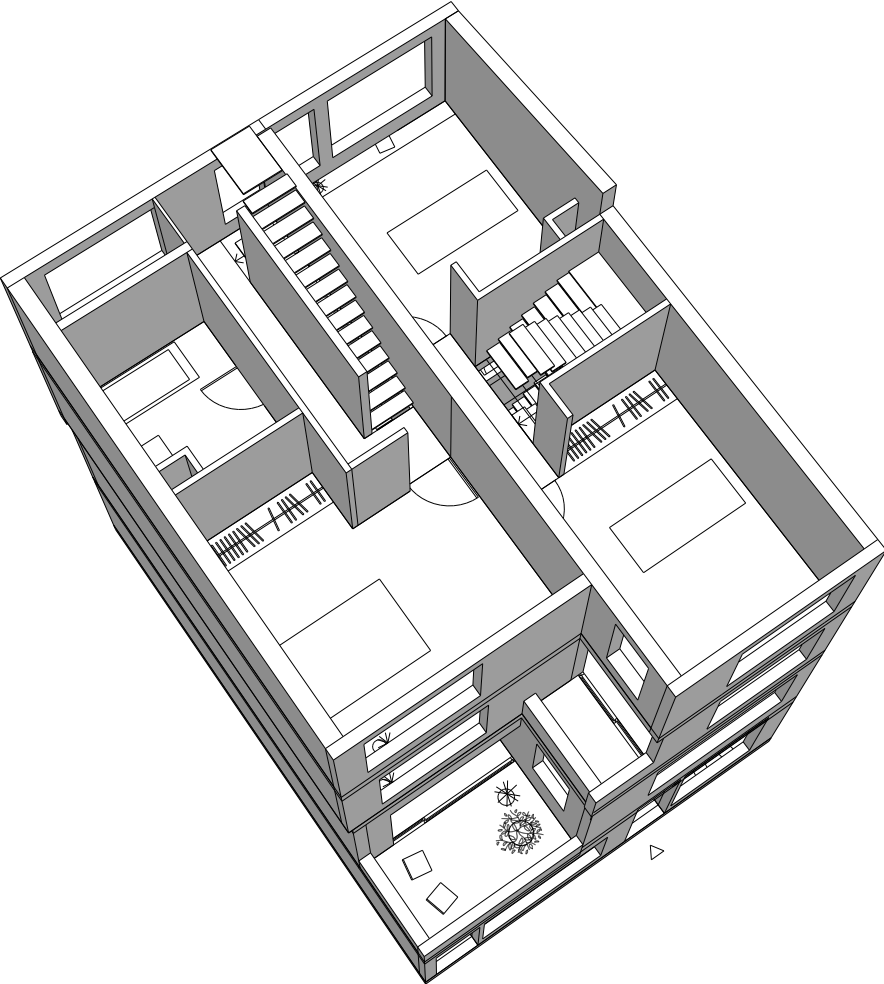




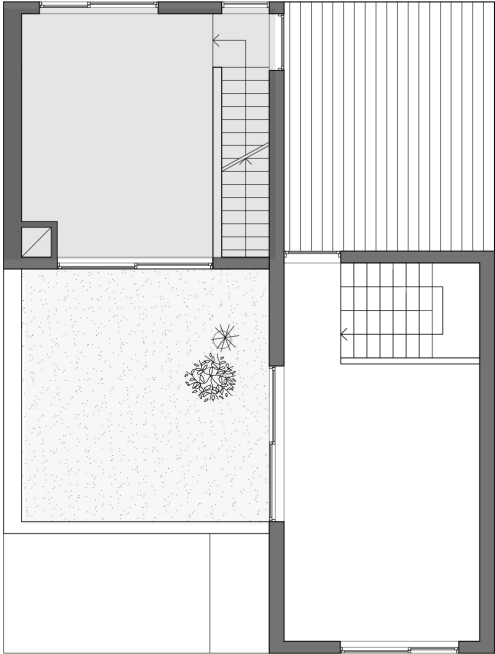
typology \_ family housing



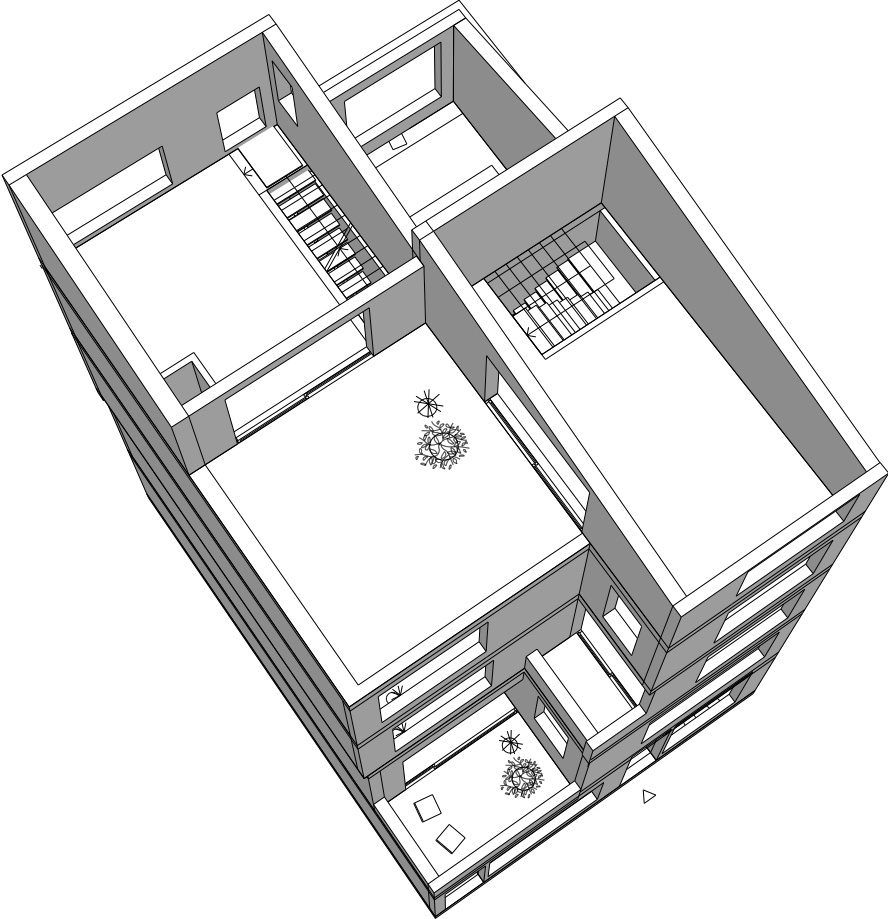
Thrid Floor Plan



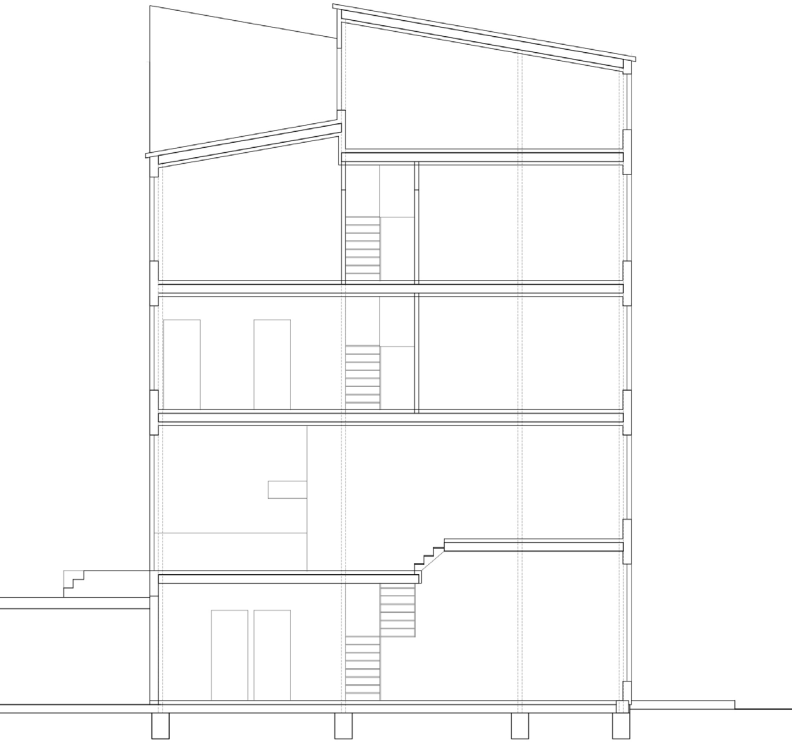
typology \_ family housing



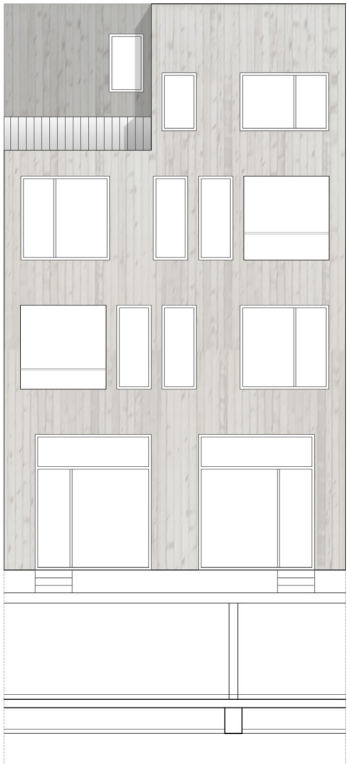
Fourth Floor Plan



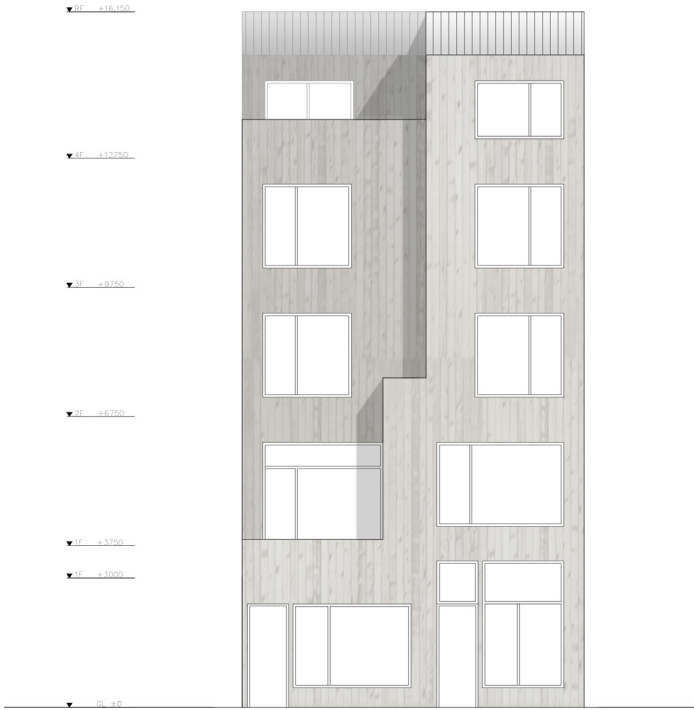
typology \_ family housing



Section



West Elevation



East Elevation

typology \_ family housing

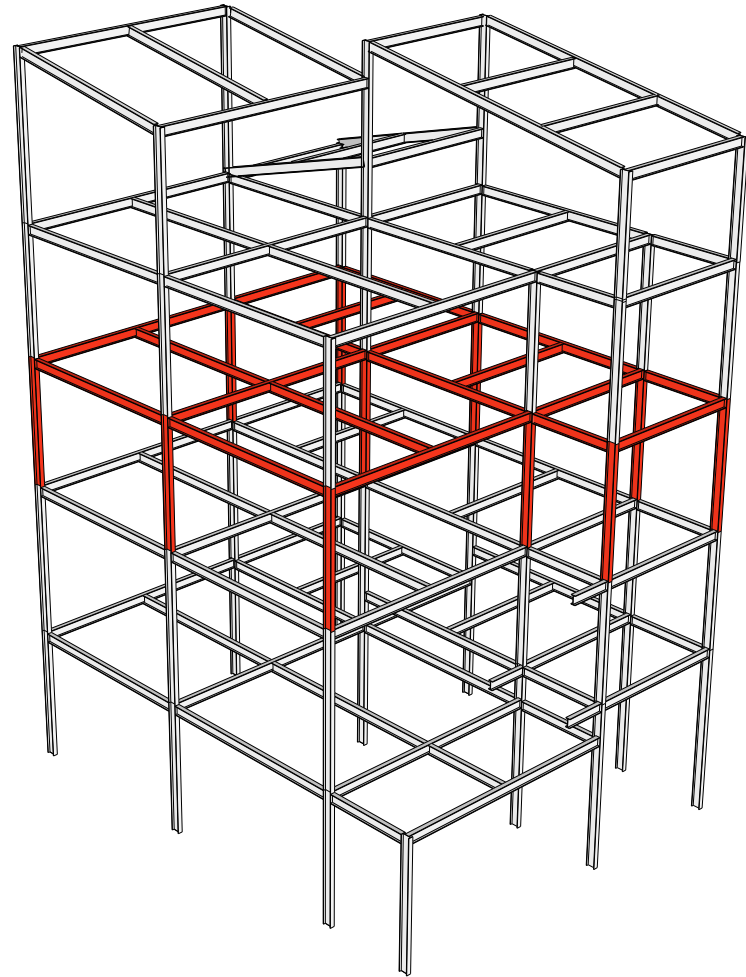
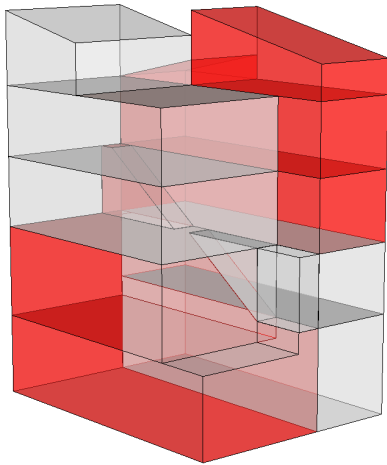




typology \_ family housing

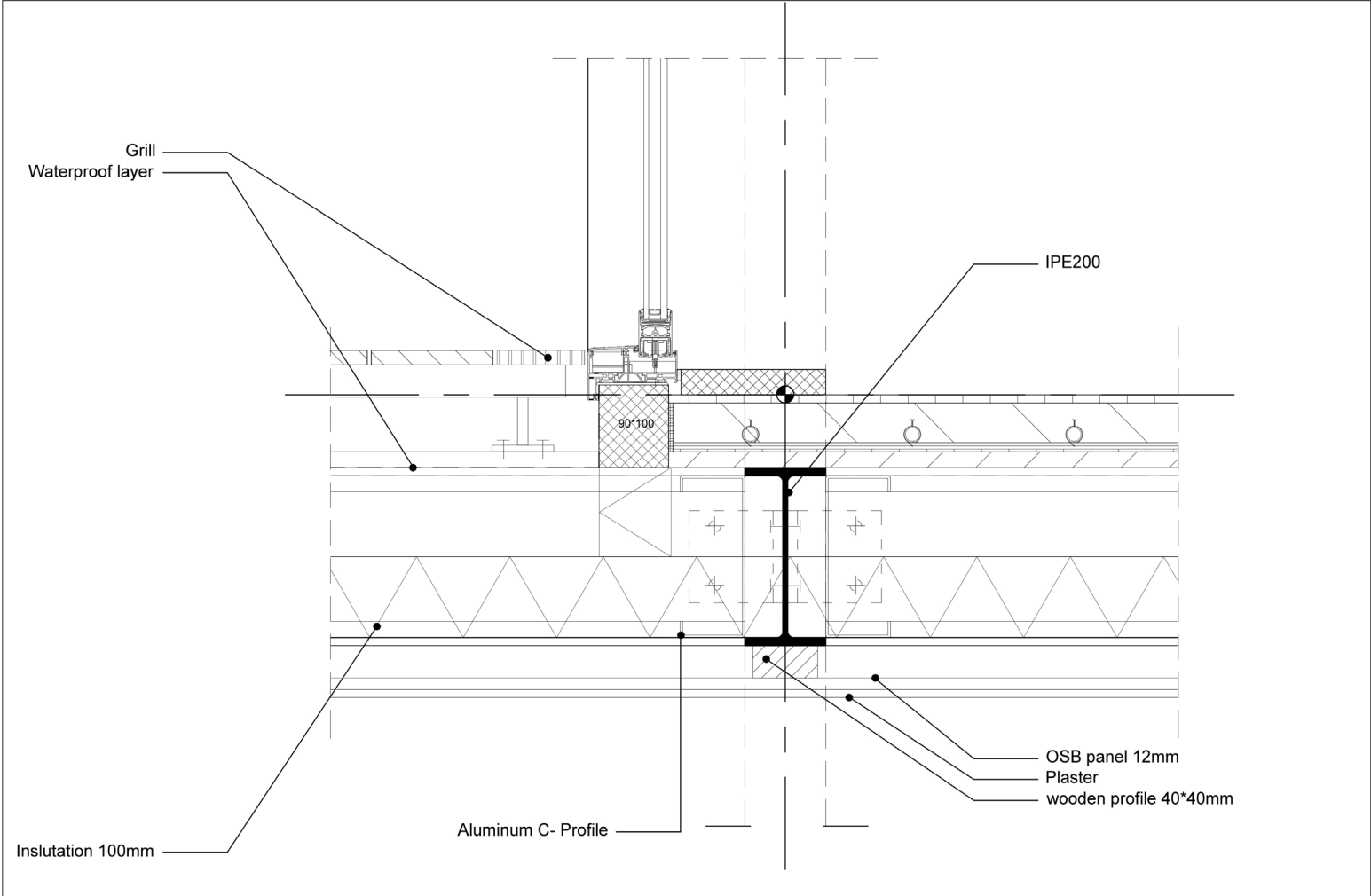


typology \_ family housing

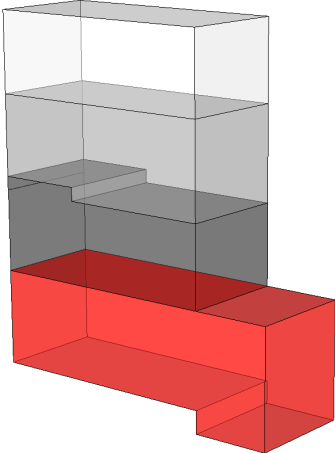


Holes will be required in the beams to accomodate services transverse to the frames.

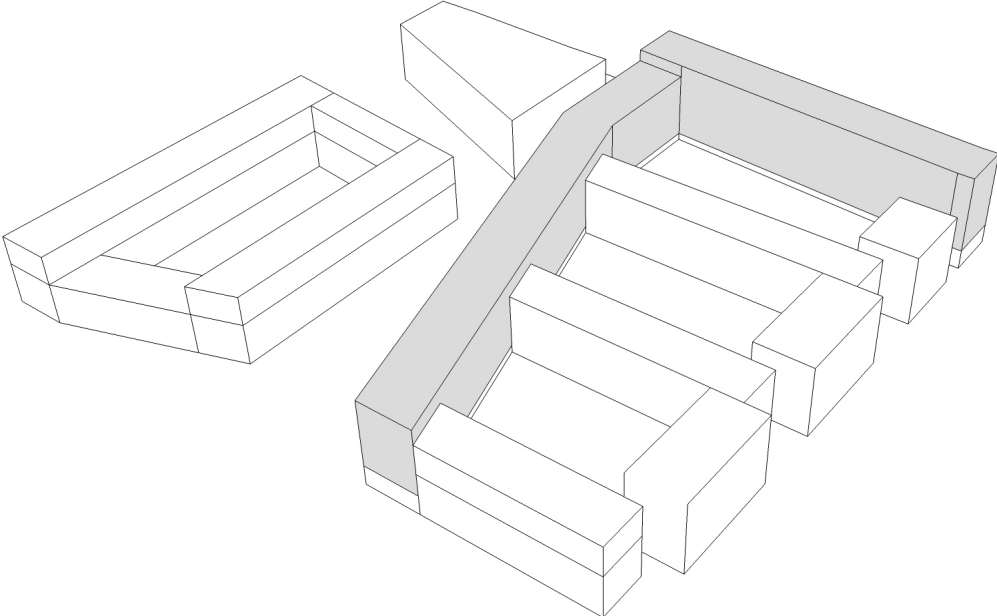
typology \_ family housing



typology \_ single housing



Single Housing

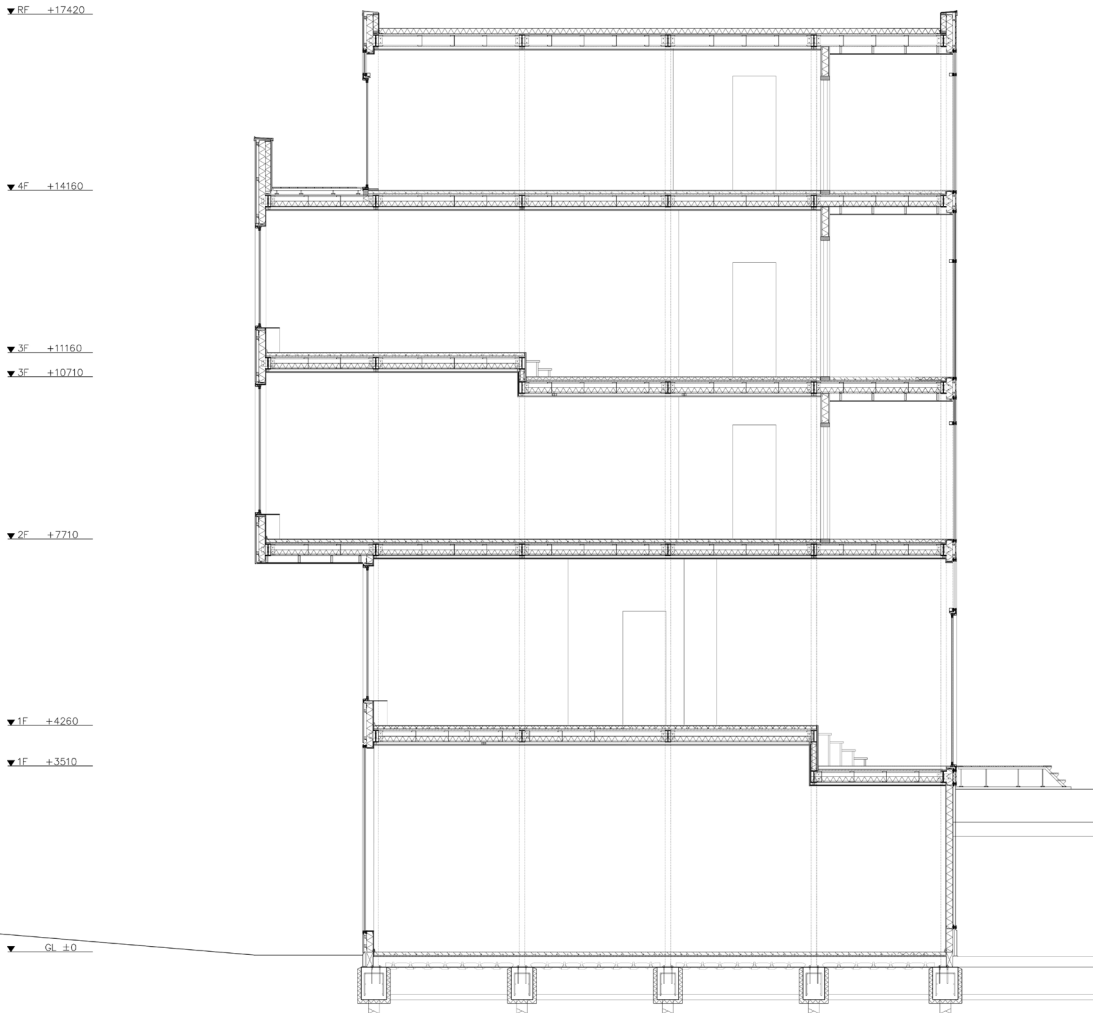




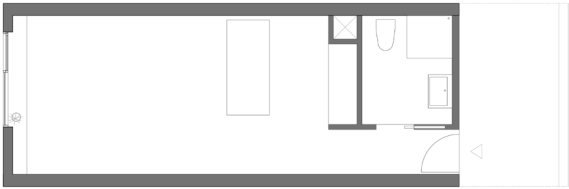
typology \_ single housing



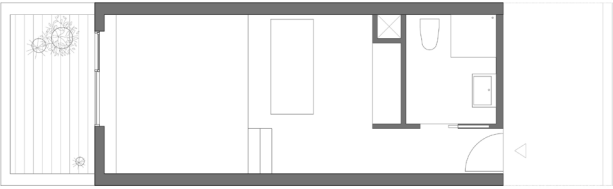
typology \_ single housing



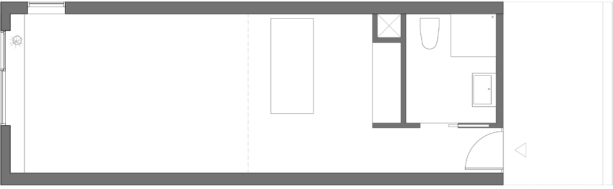
Section



Fourth Floor



Third Floor



Second Floor



First Floor



typology \_ single housing





typology \_ single housing





typology \_ single housing

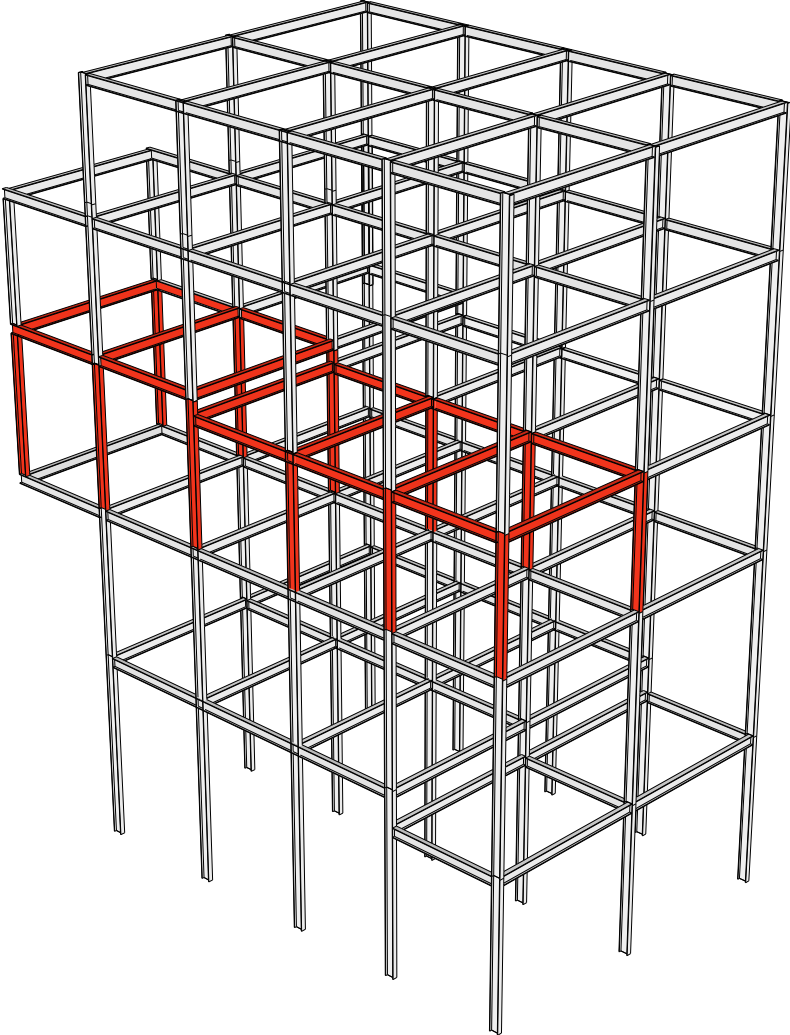
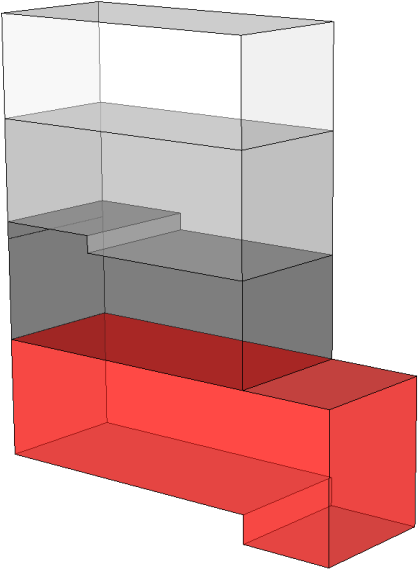


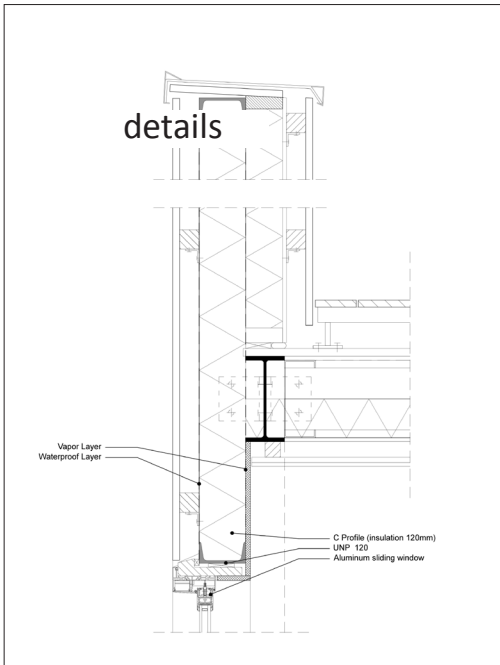
typology \_ single housing



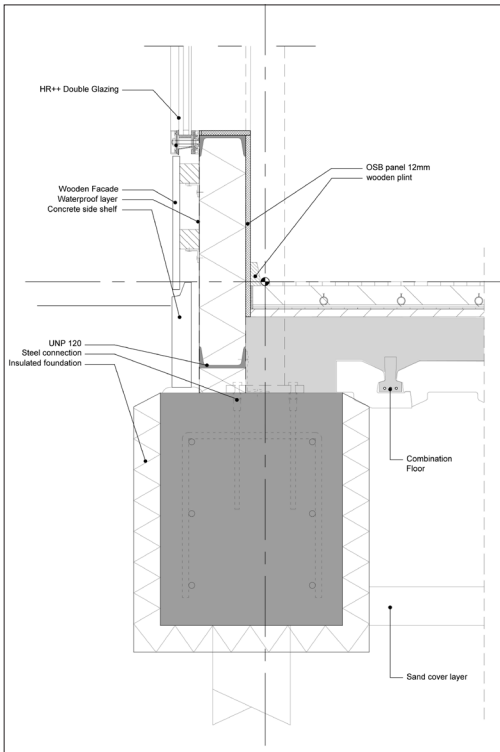
East Elevation

typology \_ single housing



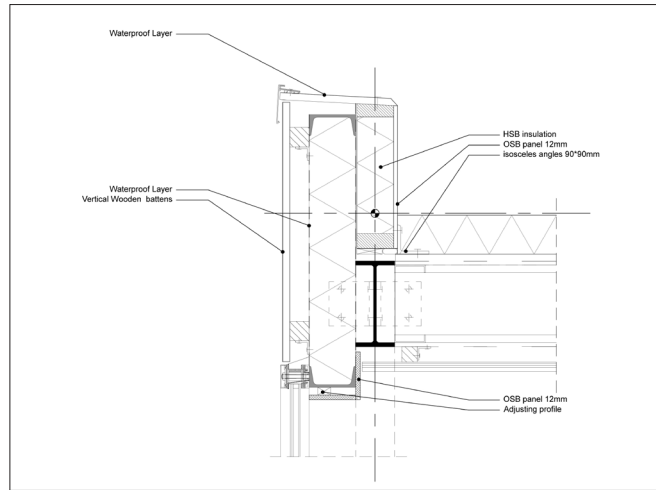


Detail 01 1:5

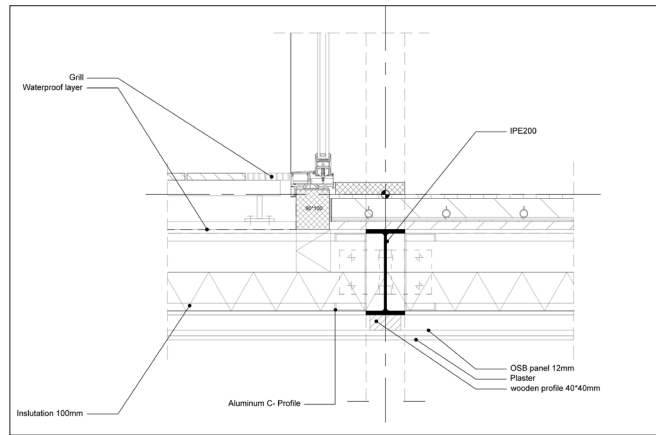


Detail 05 1:5

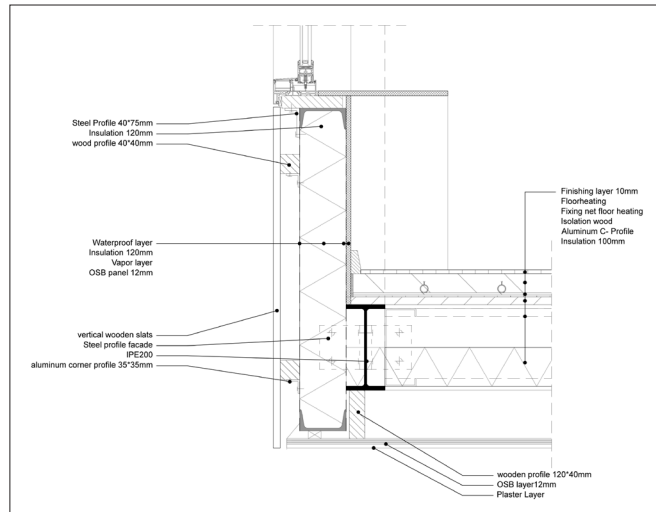
87/77



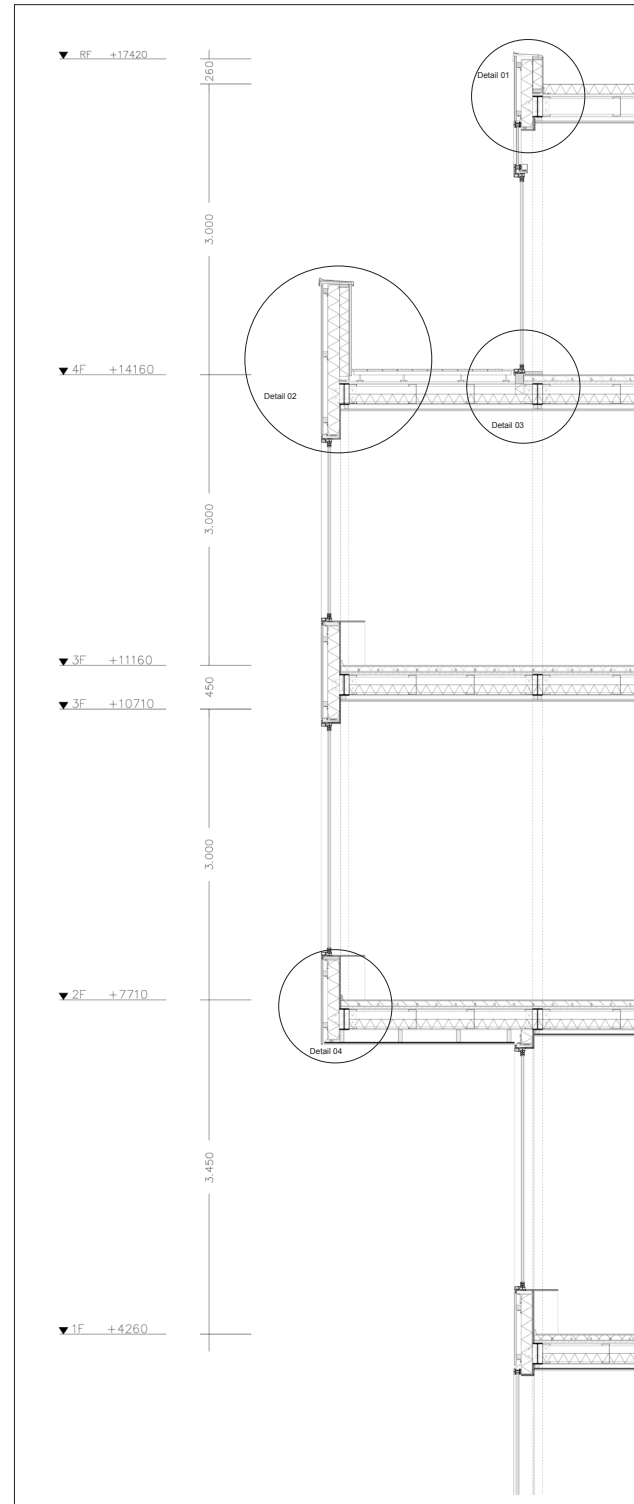
Detail 02 1:5



Detail 03 1:5



Detail 04 1:5

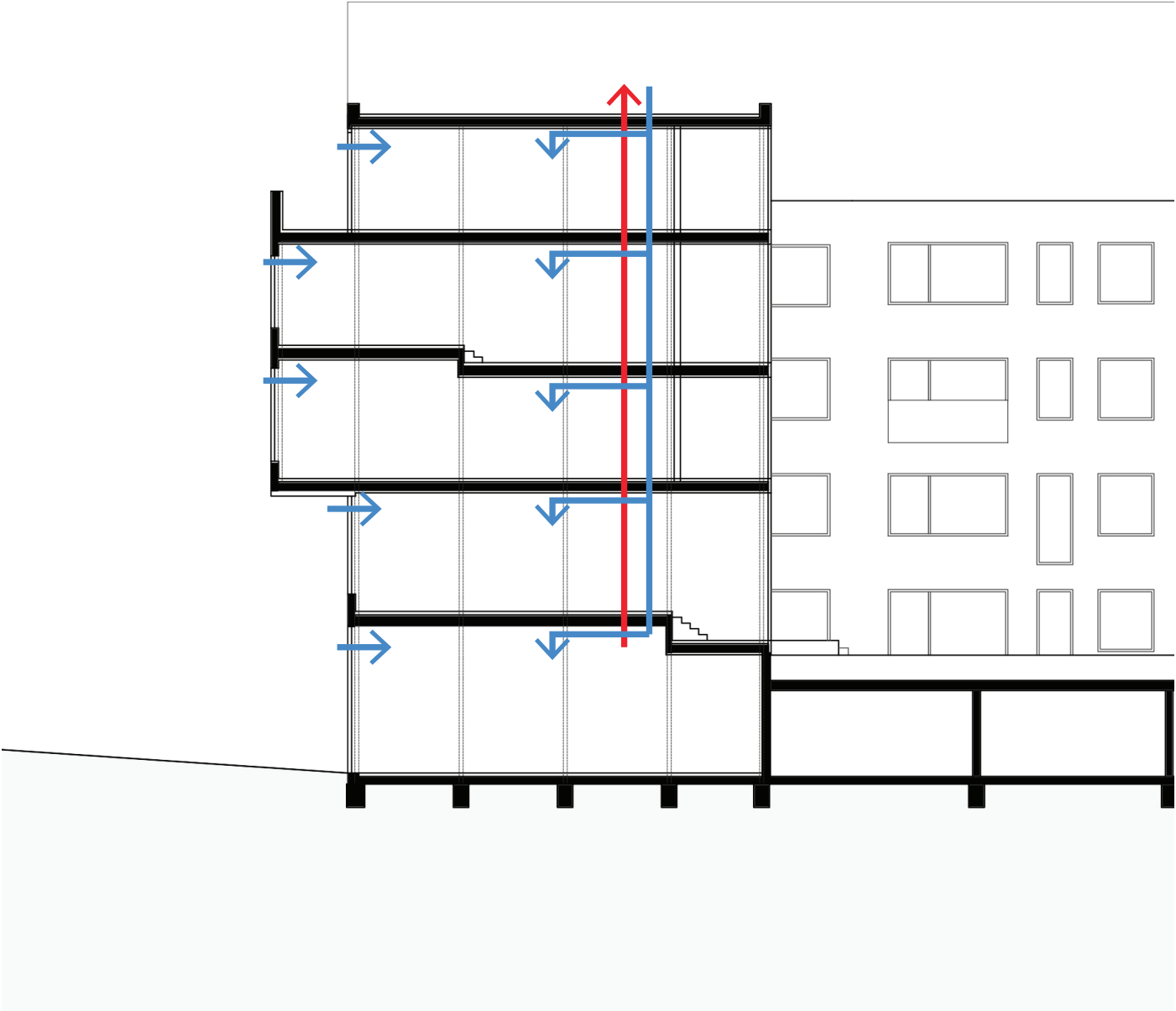


Single housing section 1:20



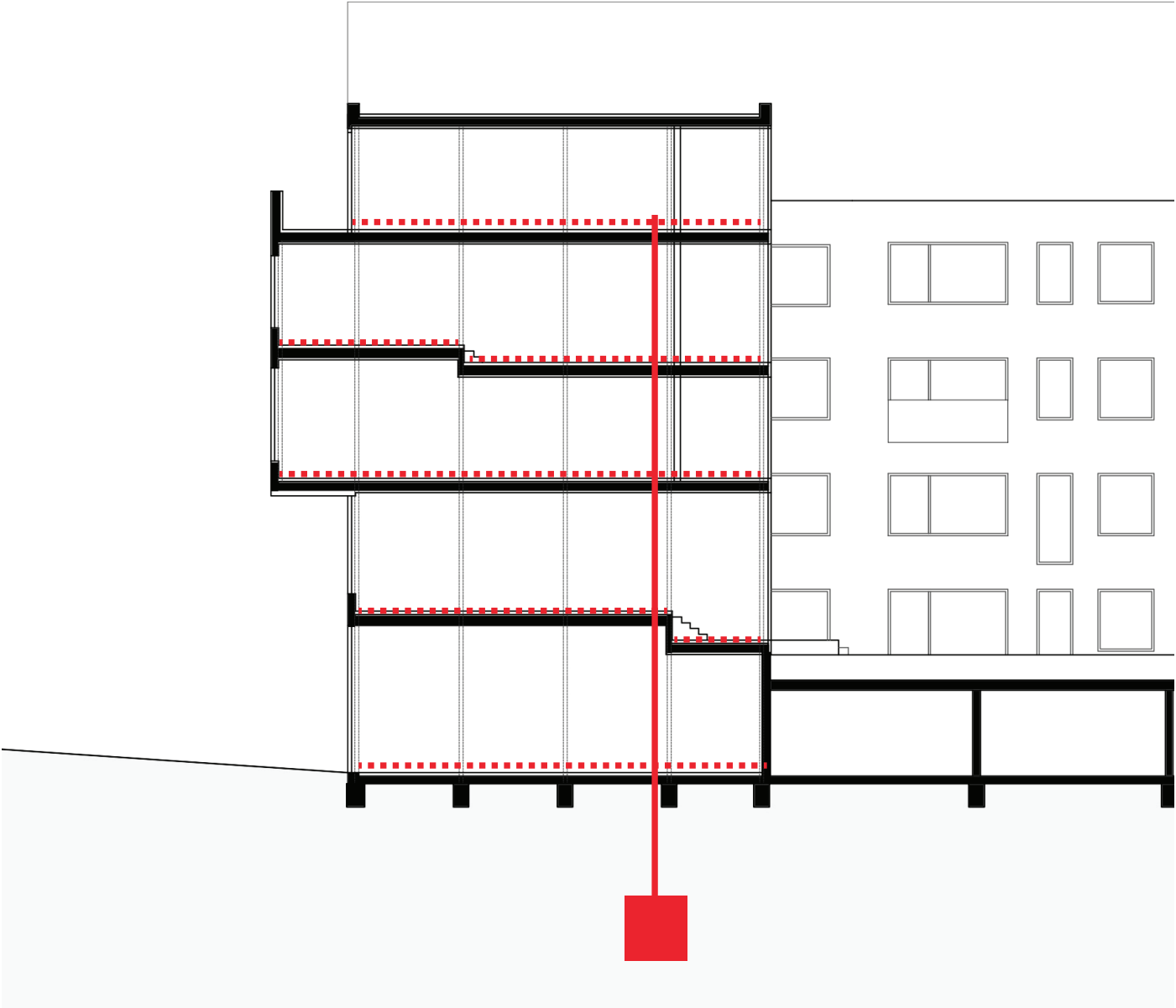
climate design

ventilation



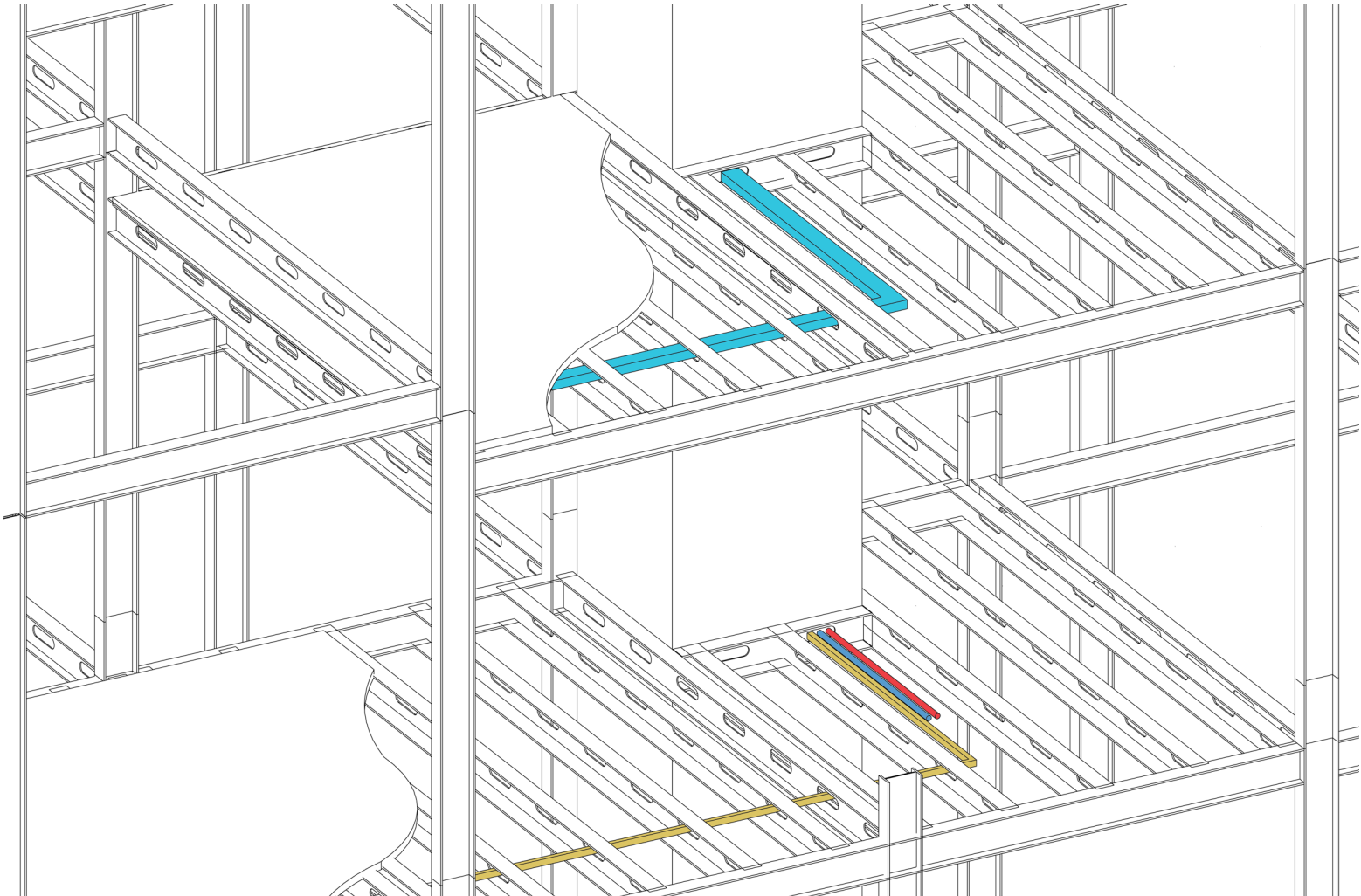
climate design

heating



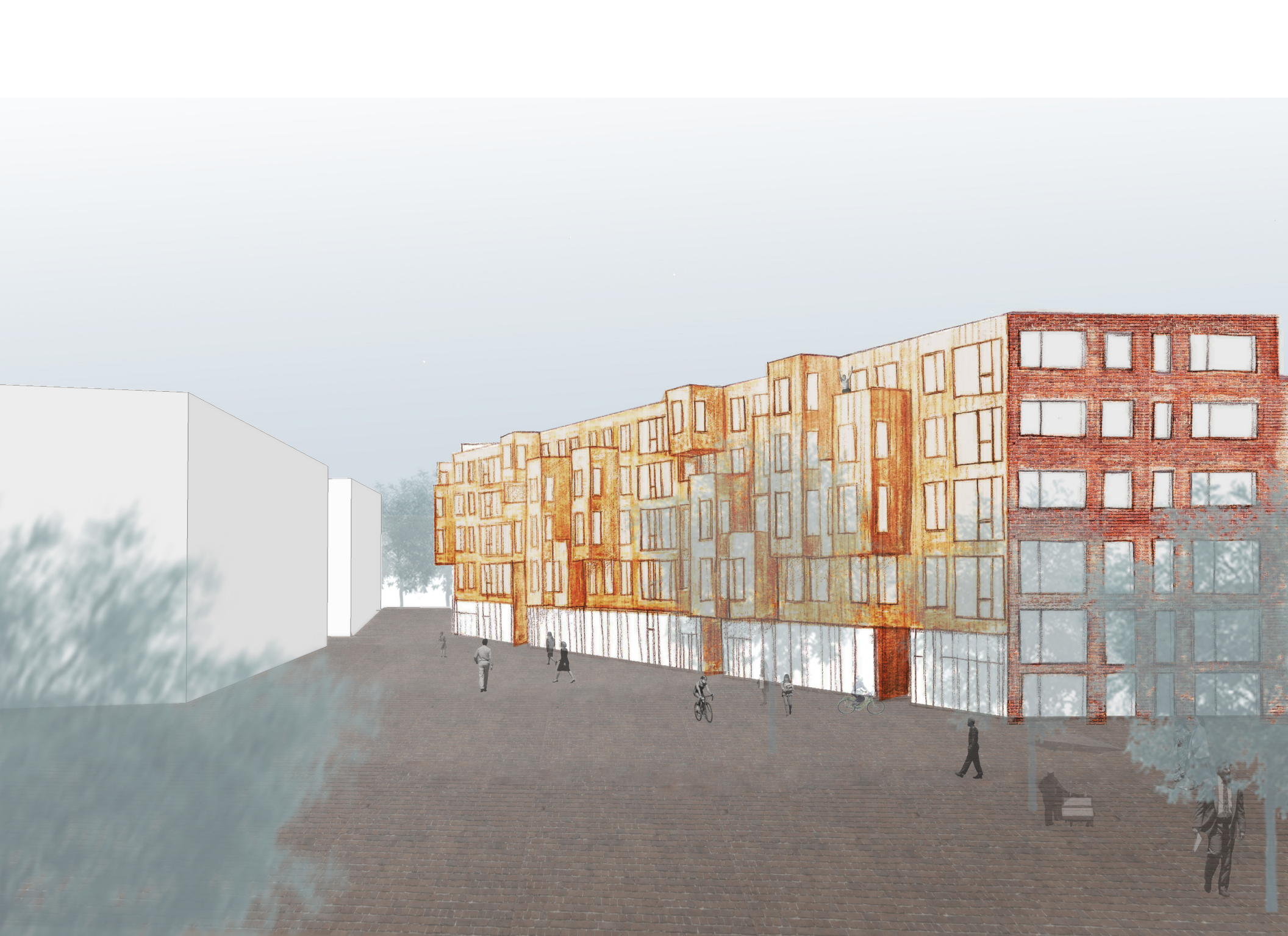
climate design

water supply  
ventilation













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