

The Stamp City

‘Sloter-Stamp’



P5 Presentation

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AMS Studio - Sloterdijk

6/7/2018

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AUP



New-West, 1960s



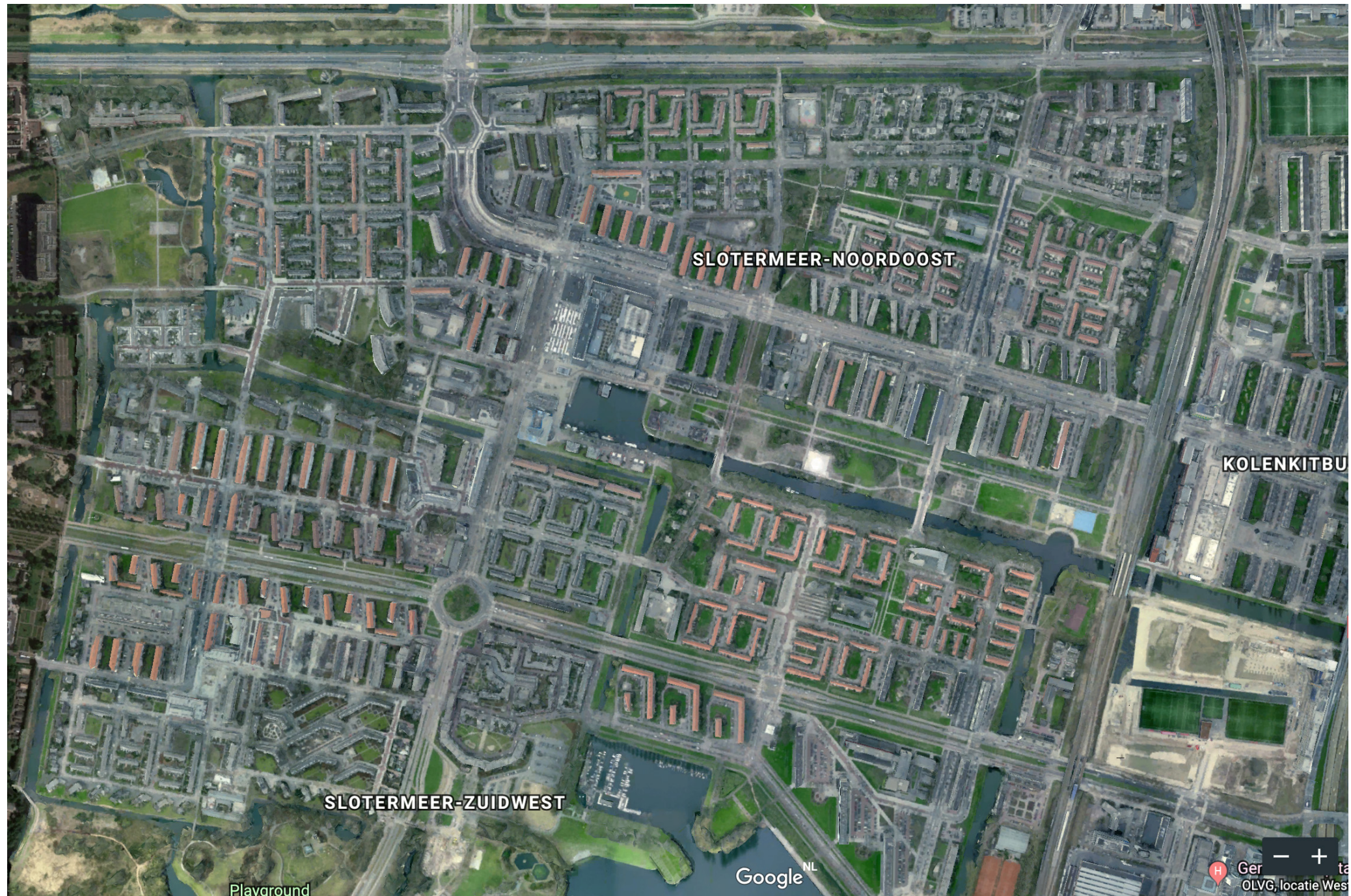
New-West



Inner city, 1960s

Stamp Urban Block

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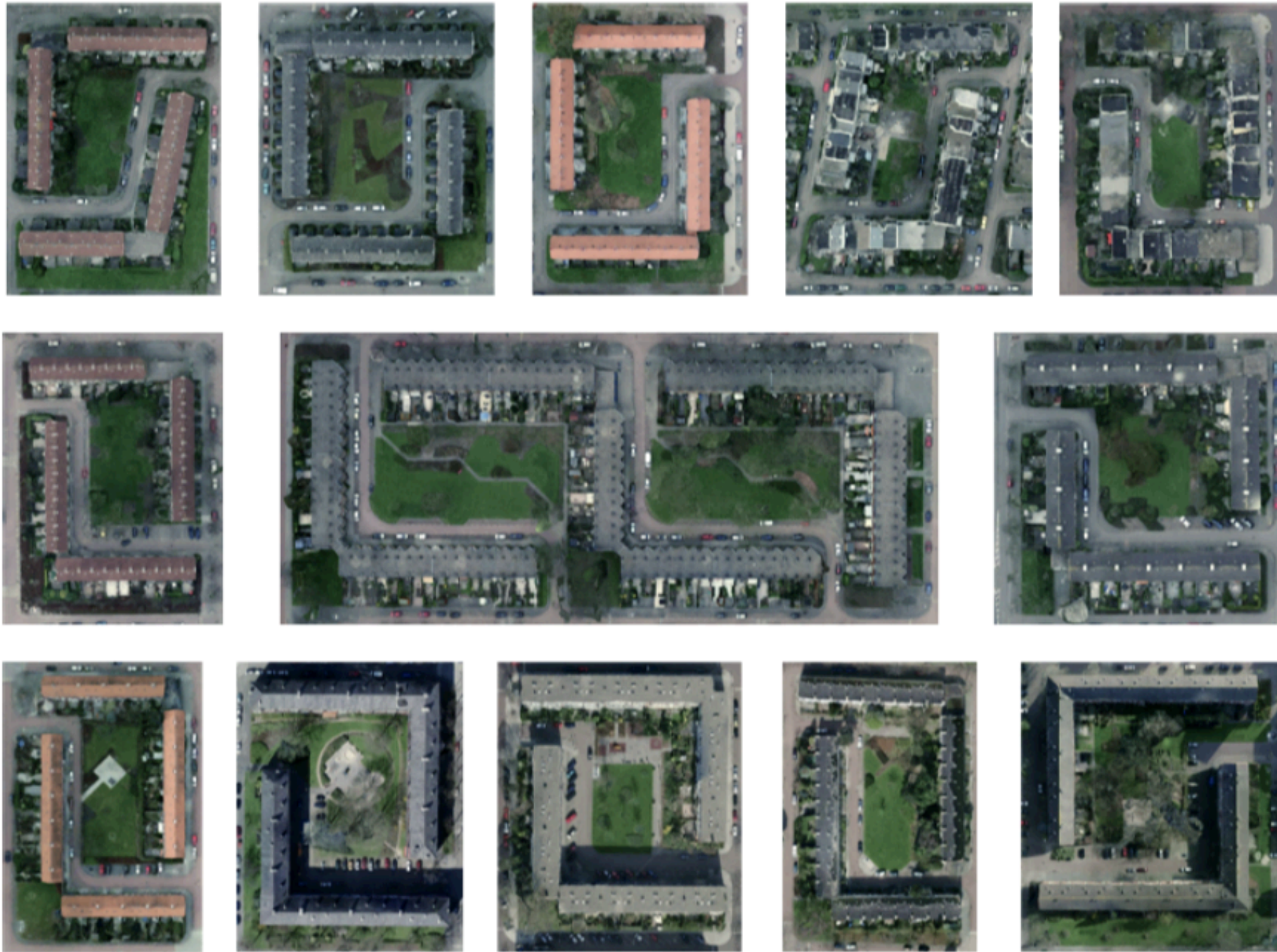
Sloterdijk



L-shape block in Sloterdijk

Stamp Urban Block

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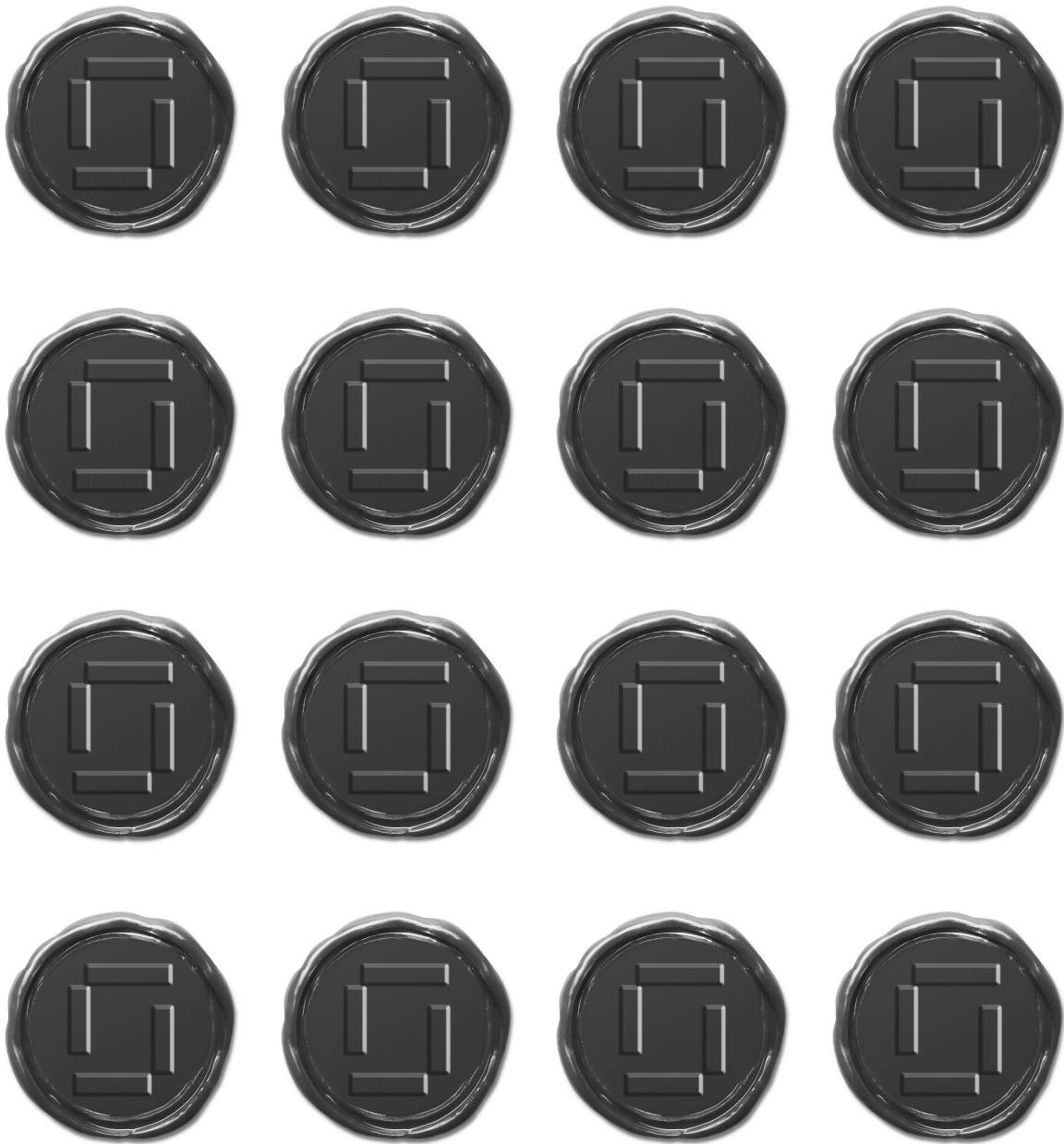
Variations



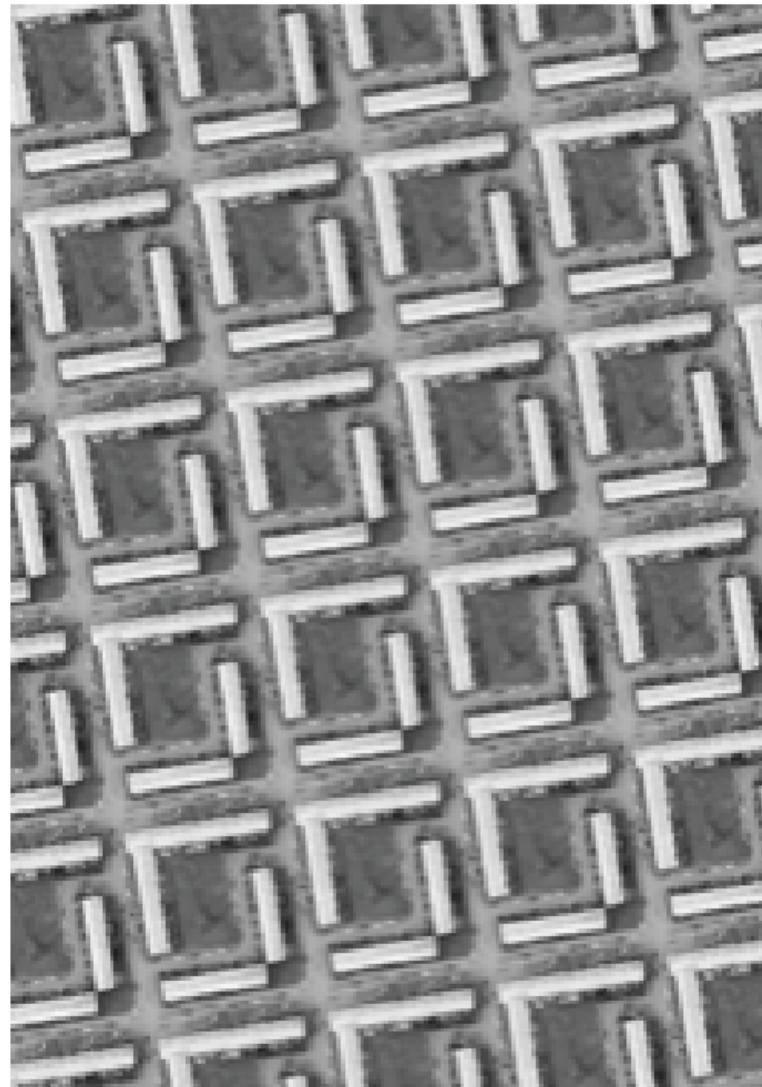
Typology
Suburban Amsterdam



Stamp



stamp - copy - paste



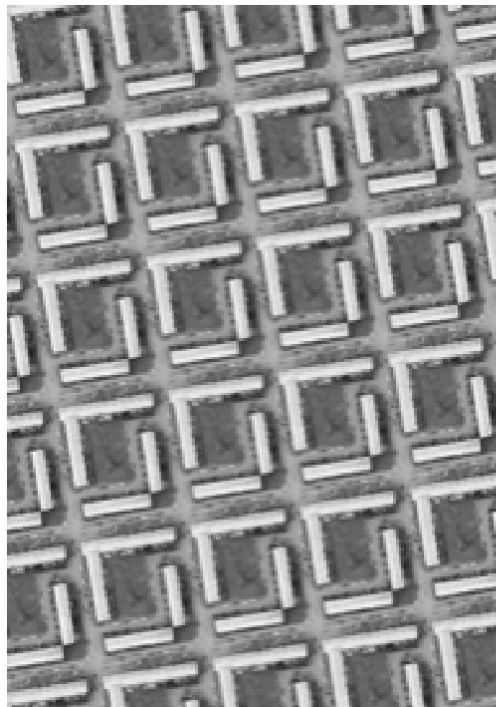
The Stamp City



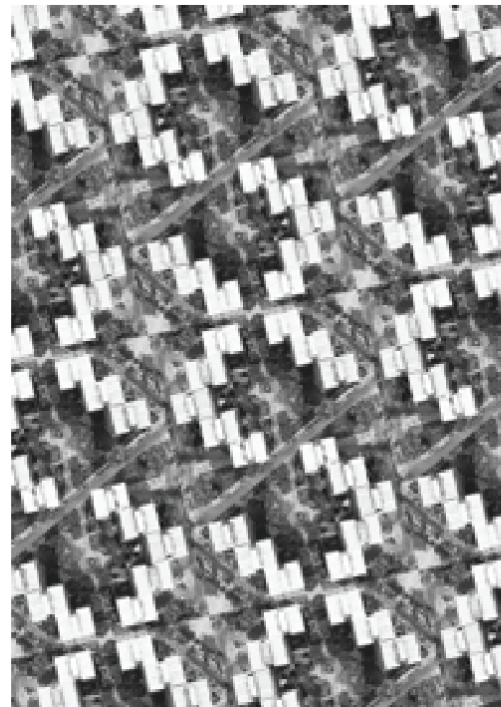
Uniqueness / Identity
Suburban Amsterdam



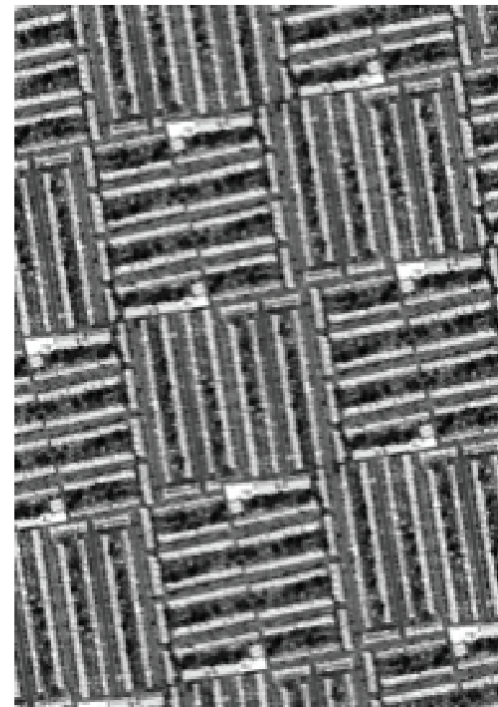
Bijlmer, Amsterdam



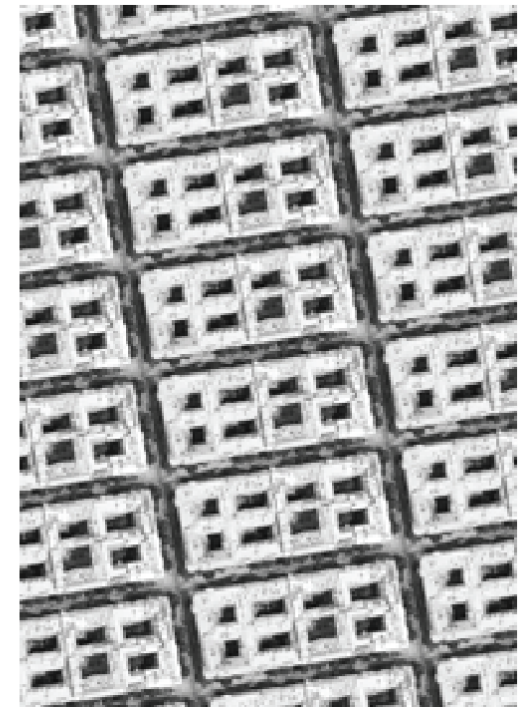
Amsterdam



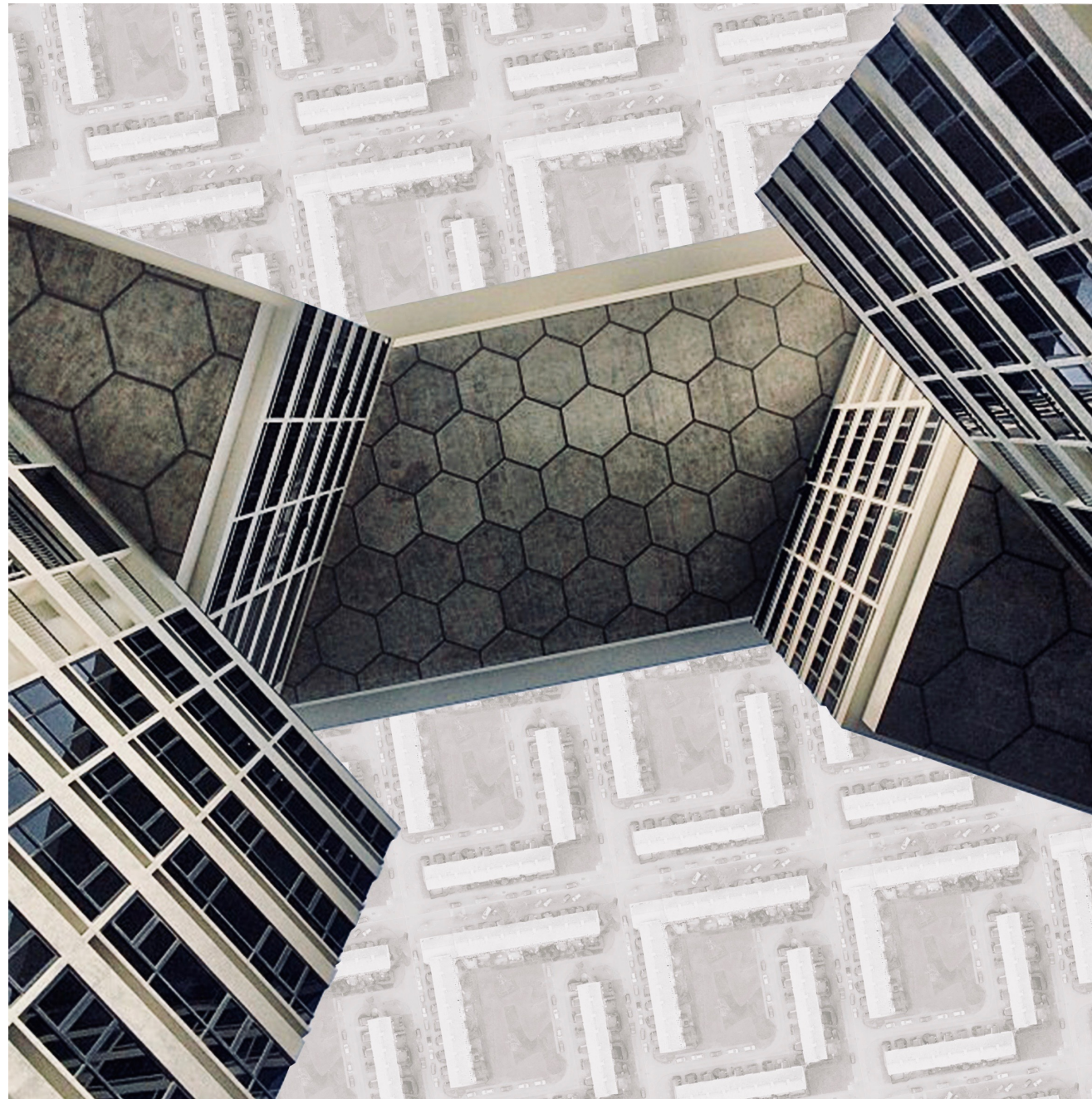
Madrid



London



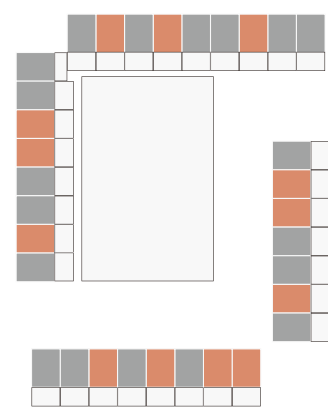
Berlin



Deconstruction by Densification

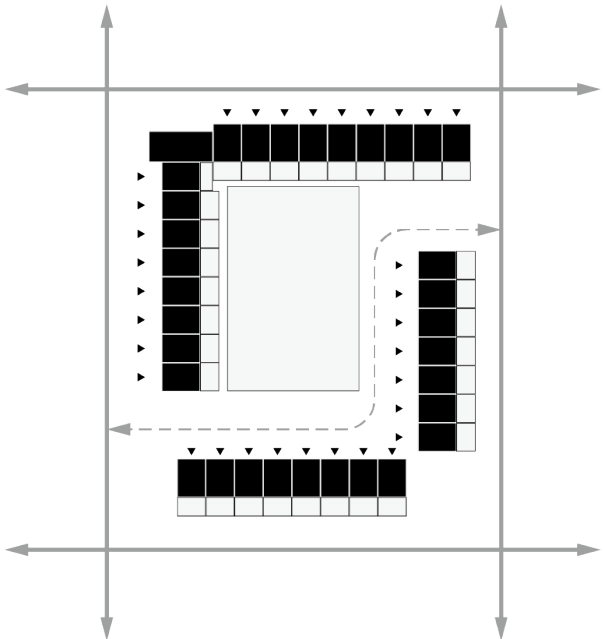


Urban Life



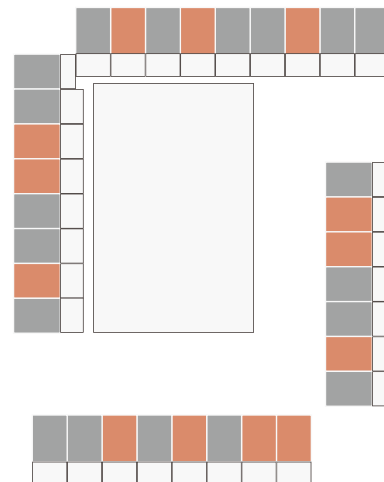
Who Lives

Mixed Ownership

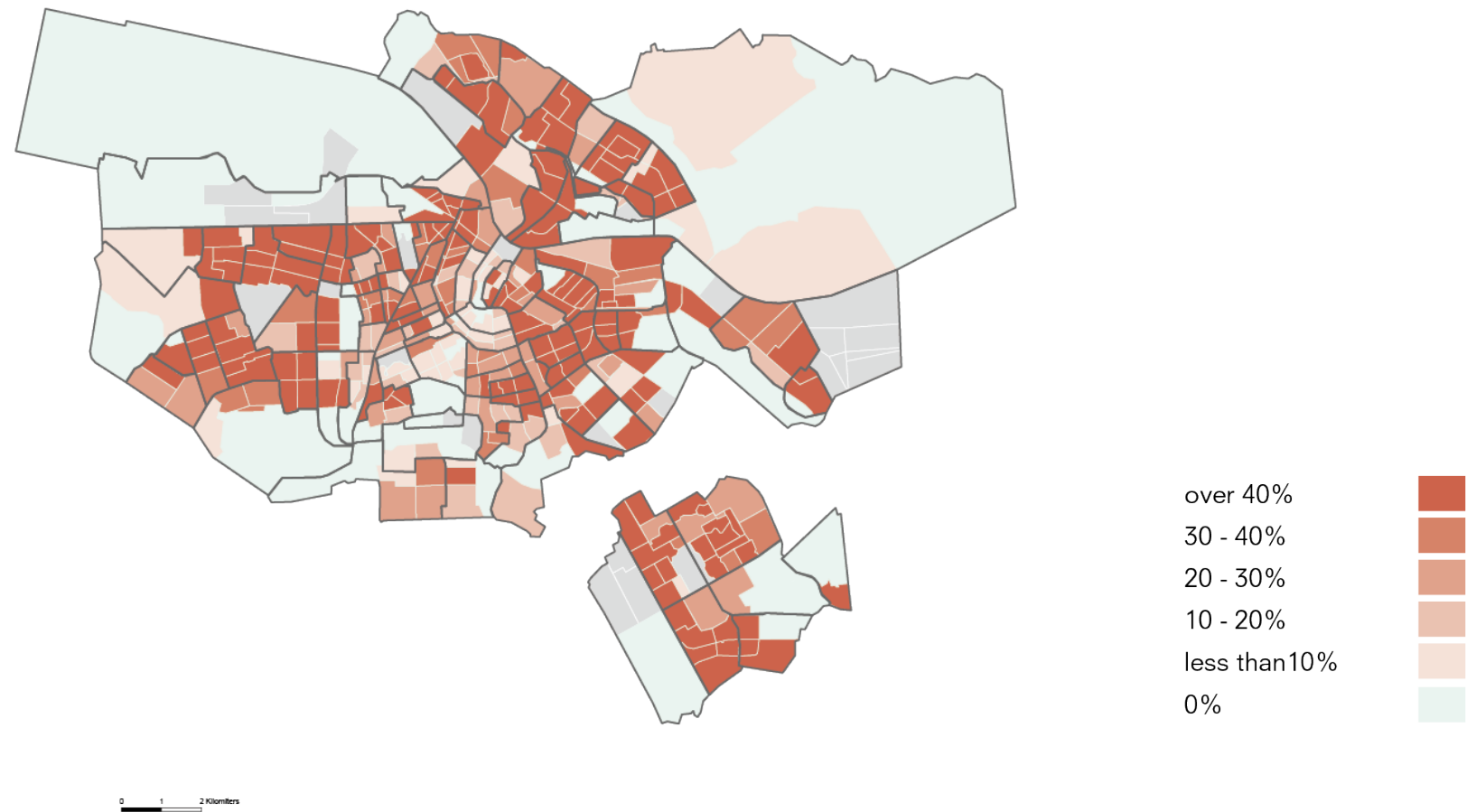


How to Live

Tissue



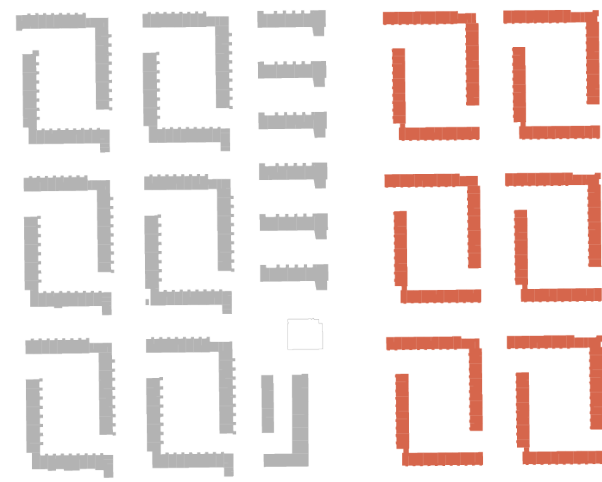
Social Housing/Private Owned (sold)



corporation housing in Amsterdam

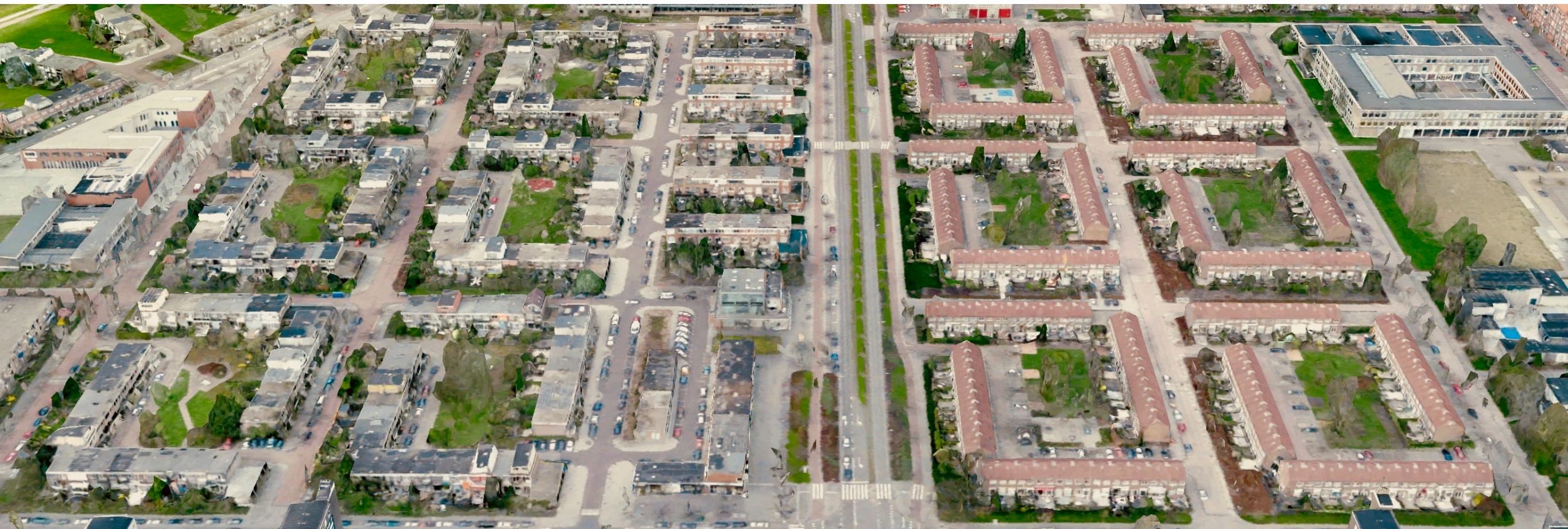


ownership mapping in Sloterdijk



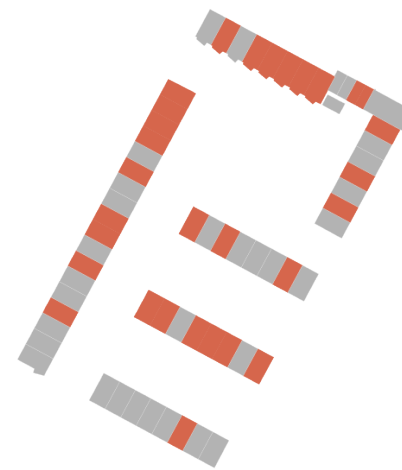
private

corporation



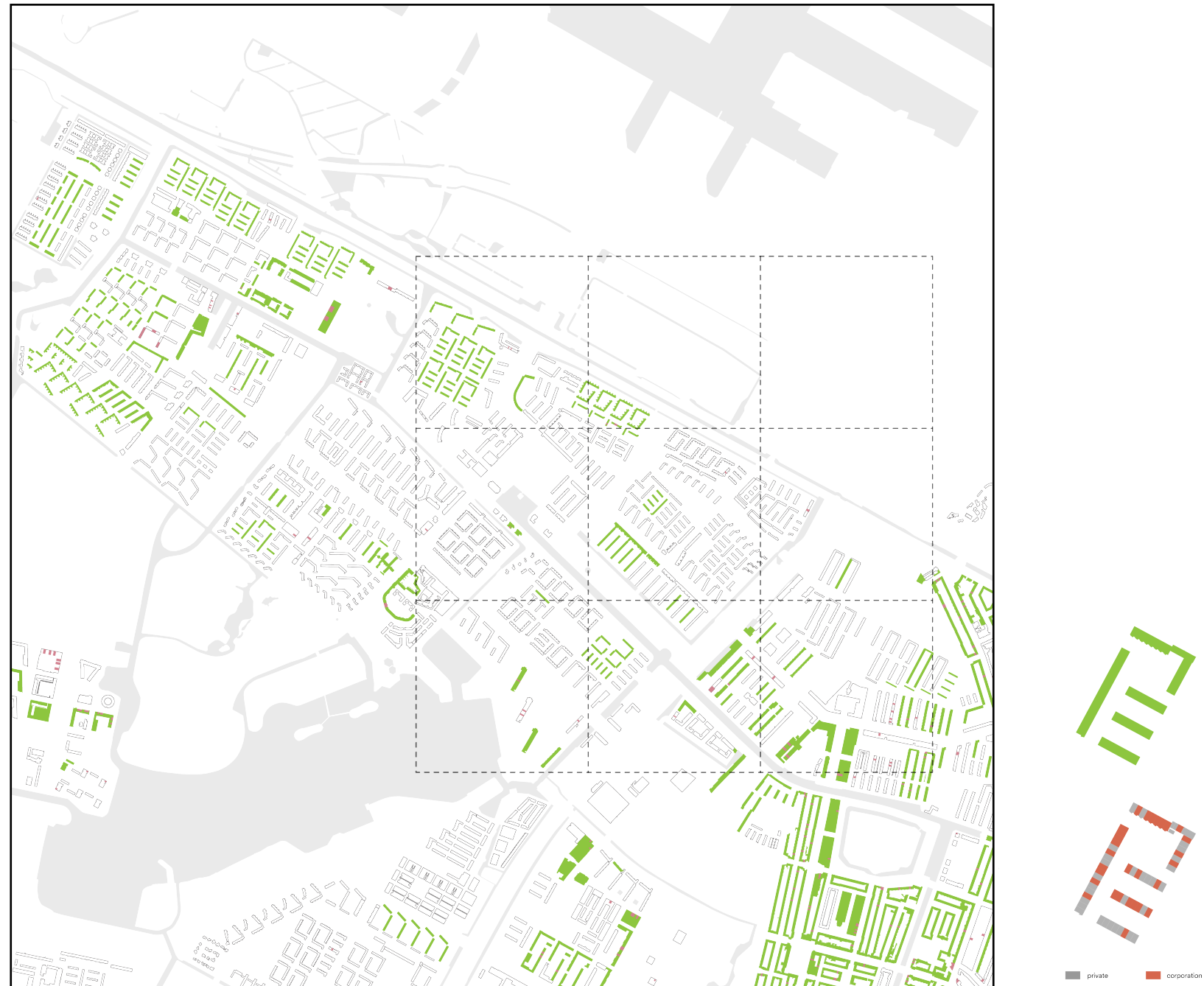
Mixed Ownership

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private corporation





mixed ownership within one block

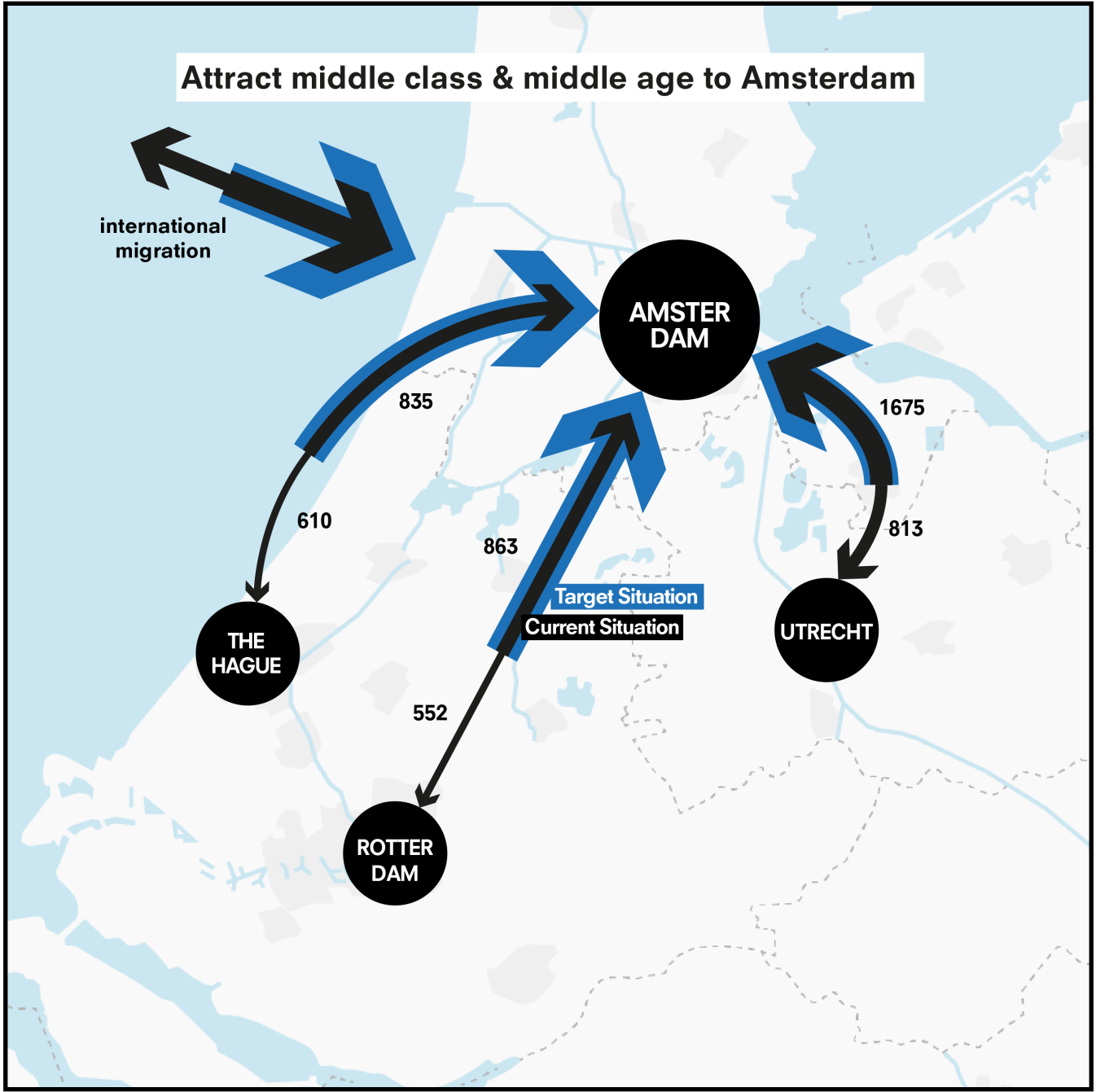
Potential

Mixed ownership as a **housing strategy**?

Potential

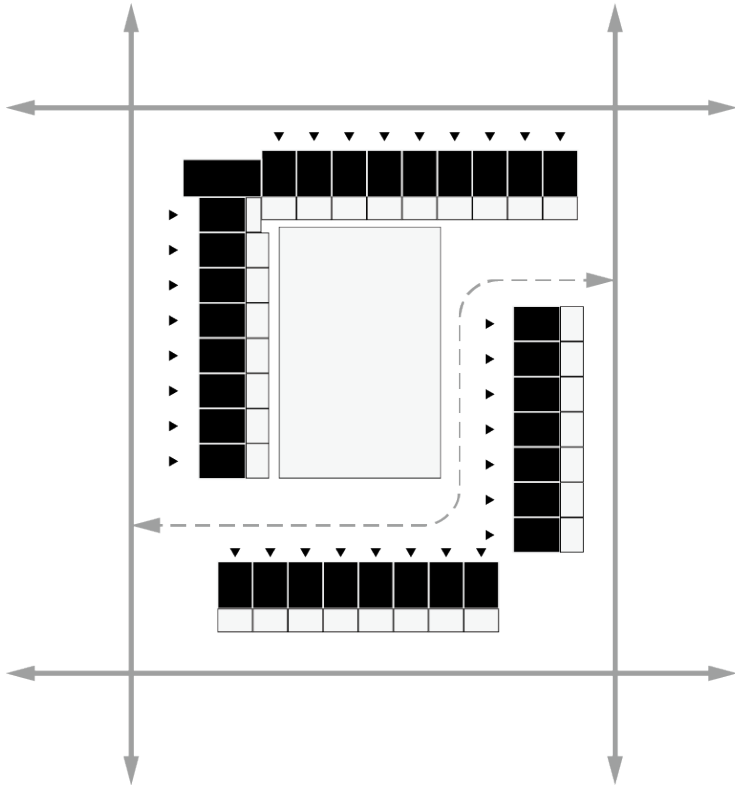
Mixed ownership as a **housing strategy?**

Passive → Active

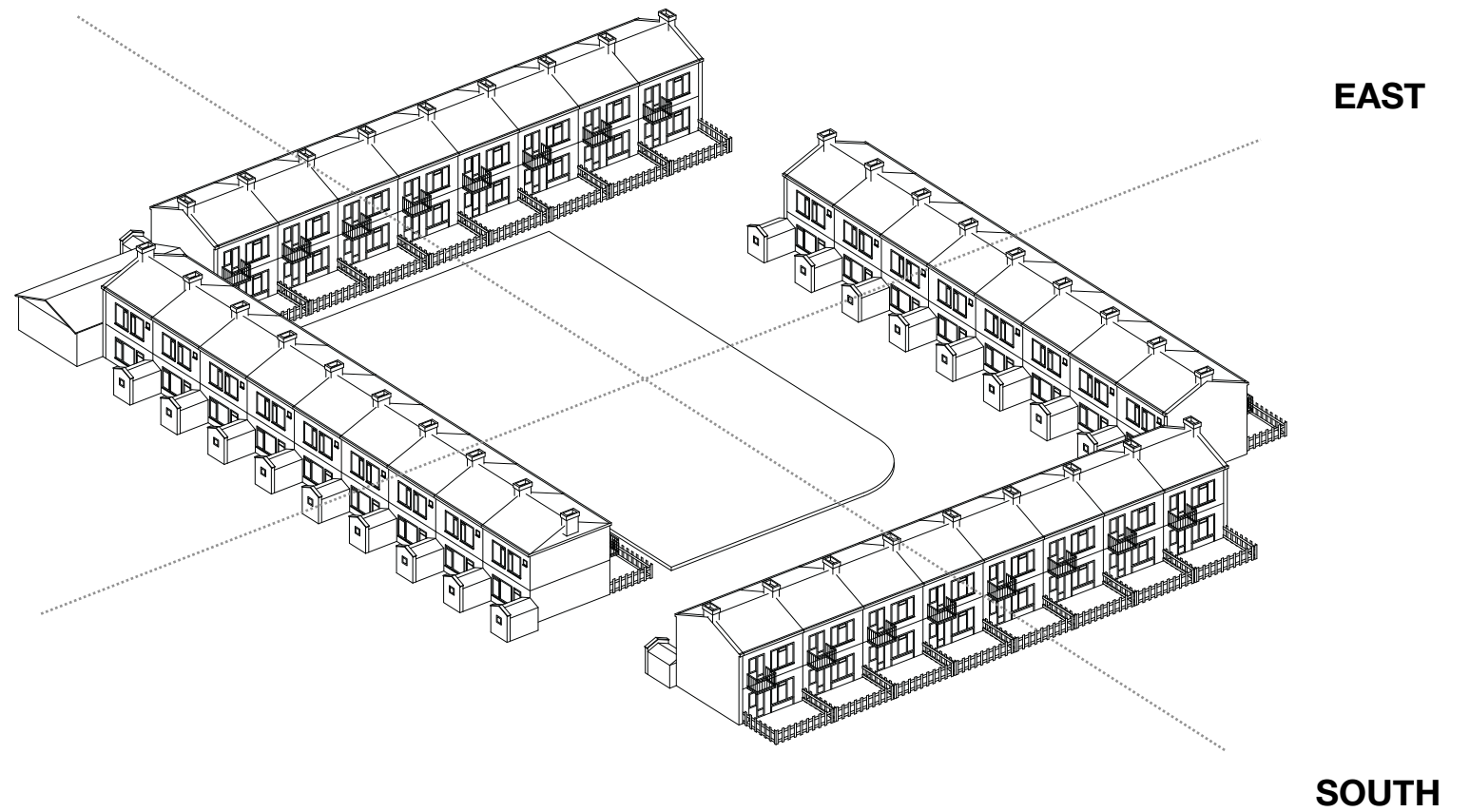
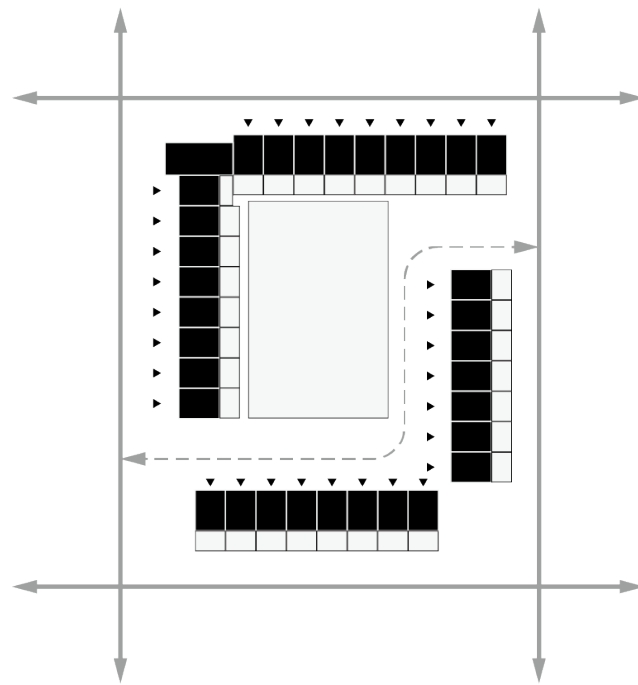


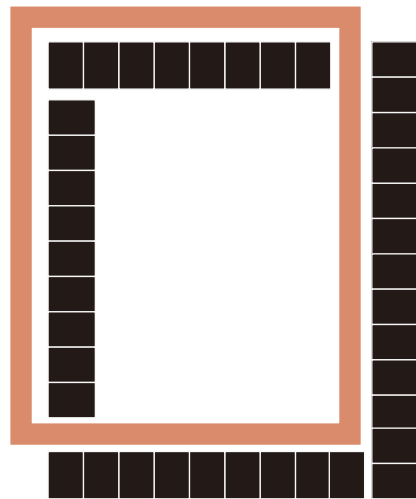
Attract middle class



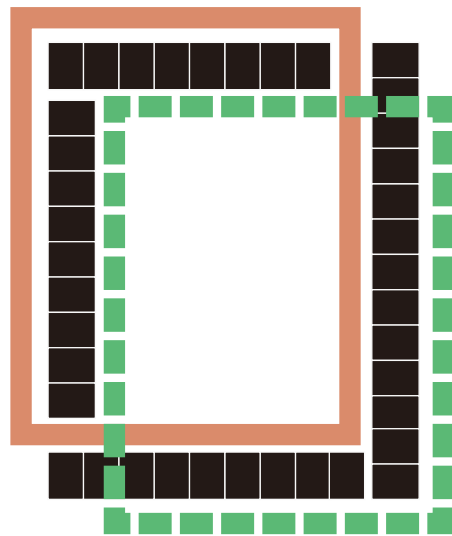


Tissue

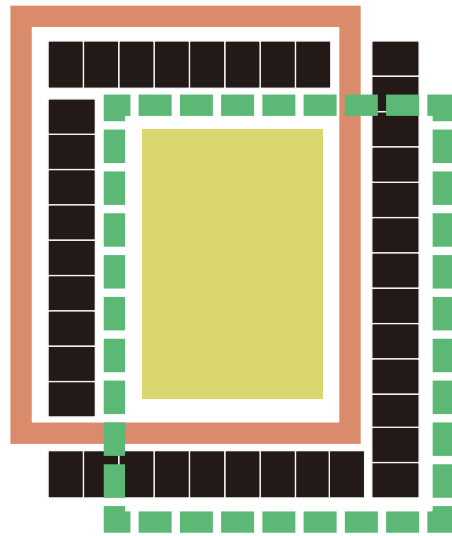




asymmetrical circulation

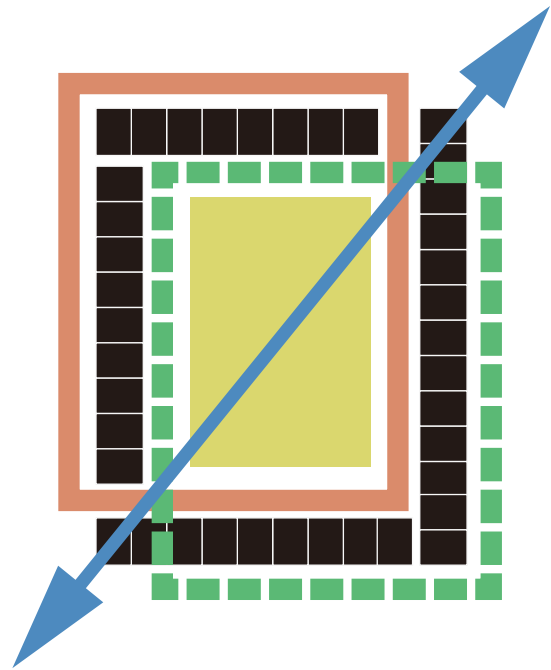


south-oriented private garden



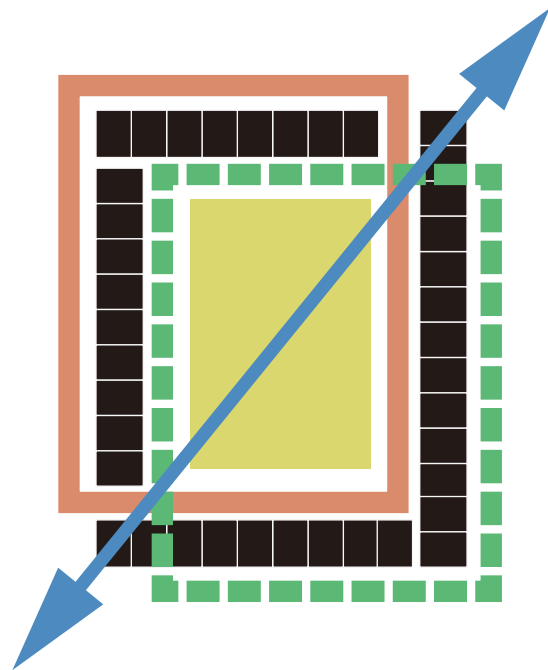
communal space





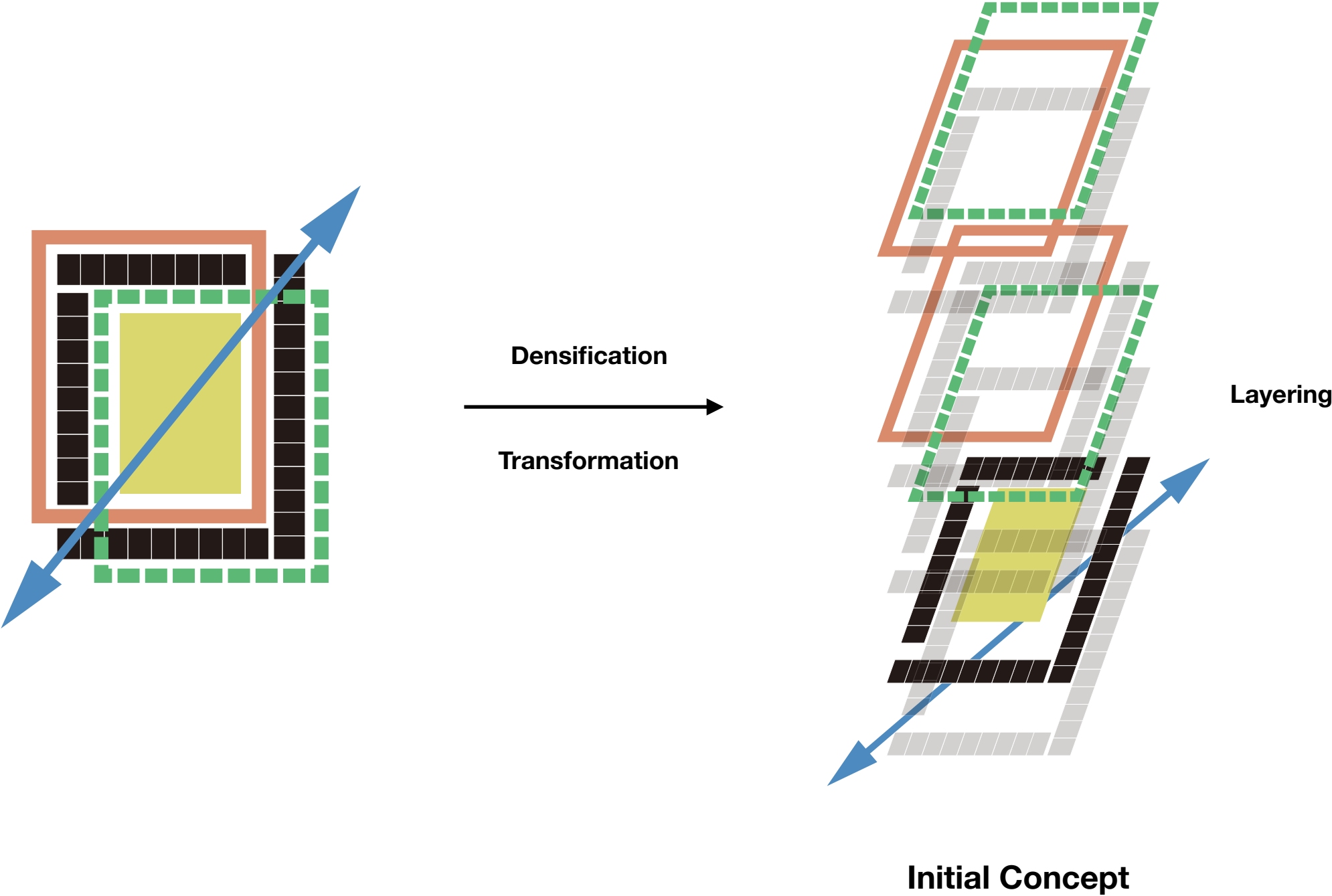
urban access





-- ALL in one layer —

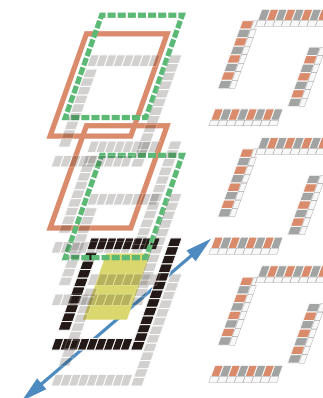
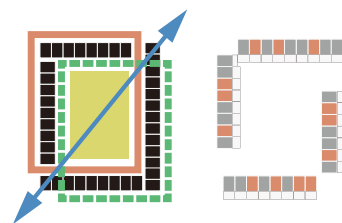
Asymmetrical entrance
 South-oriented private garden
 Communal space
 Diagonal urban access



HISTORY

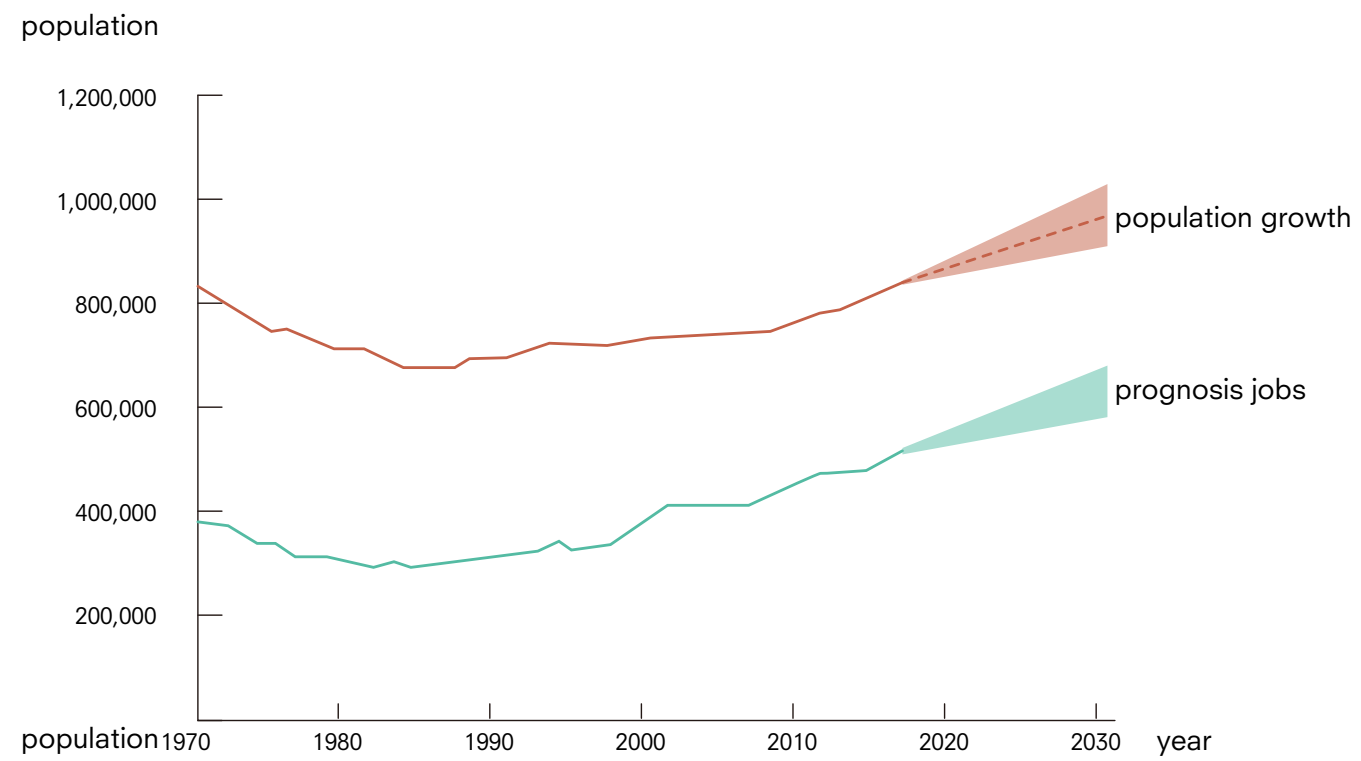


FUTURE



To make the stamp urban block successful, and be adaptive to 2050

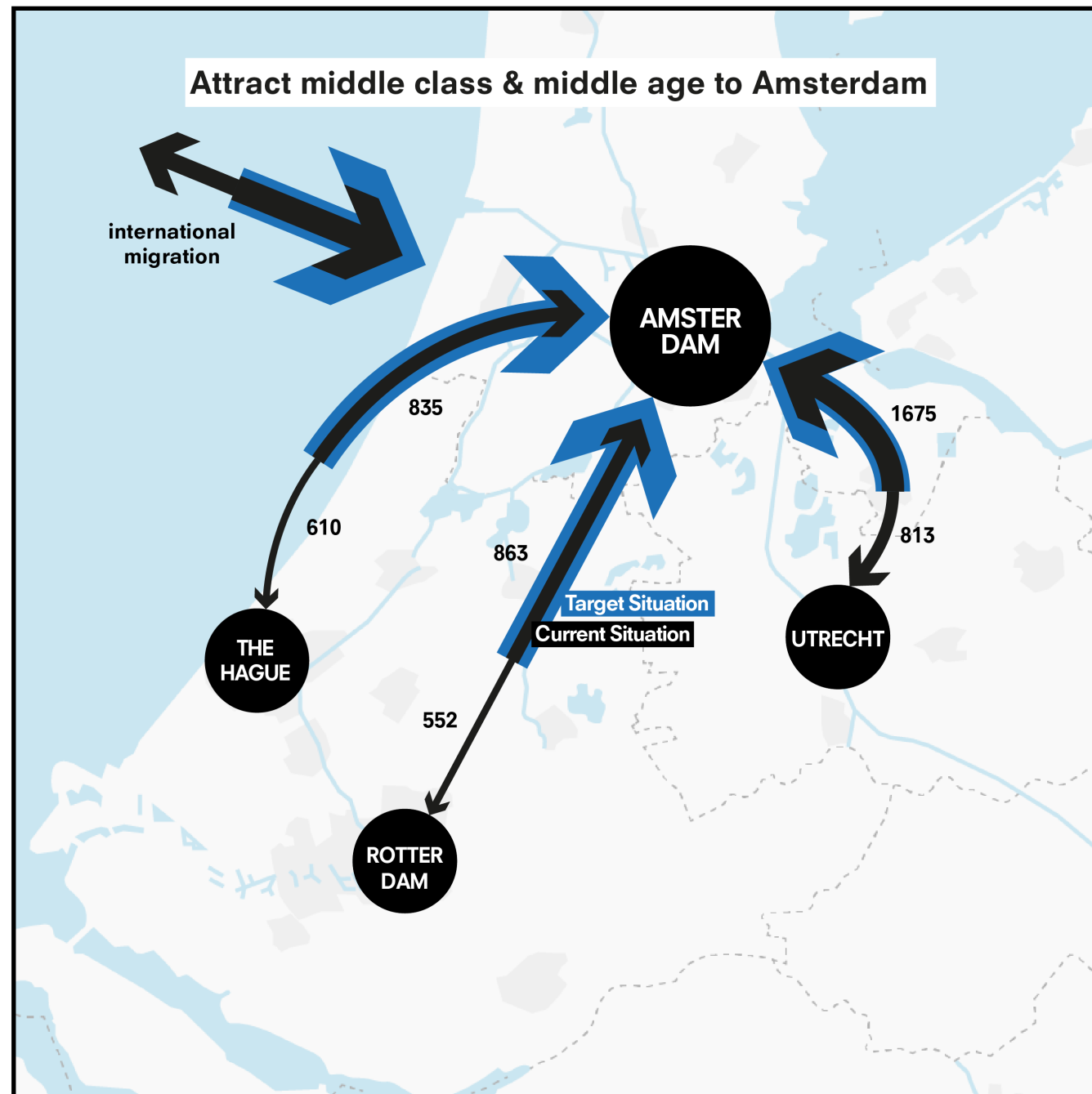
**What is the potential of the stamp urban block in suburban Amsterdam,
and how will it survive towards 2050?**



Amsterdam is growing



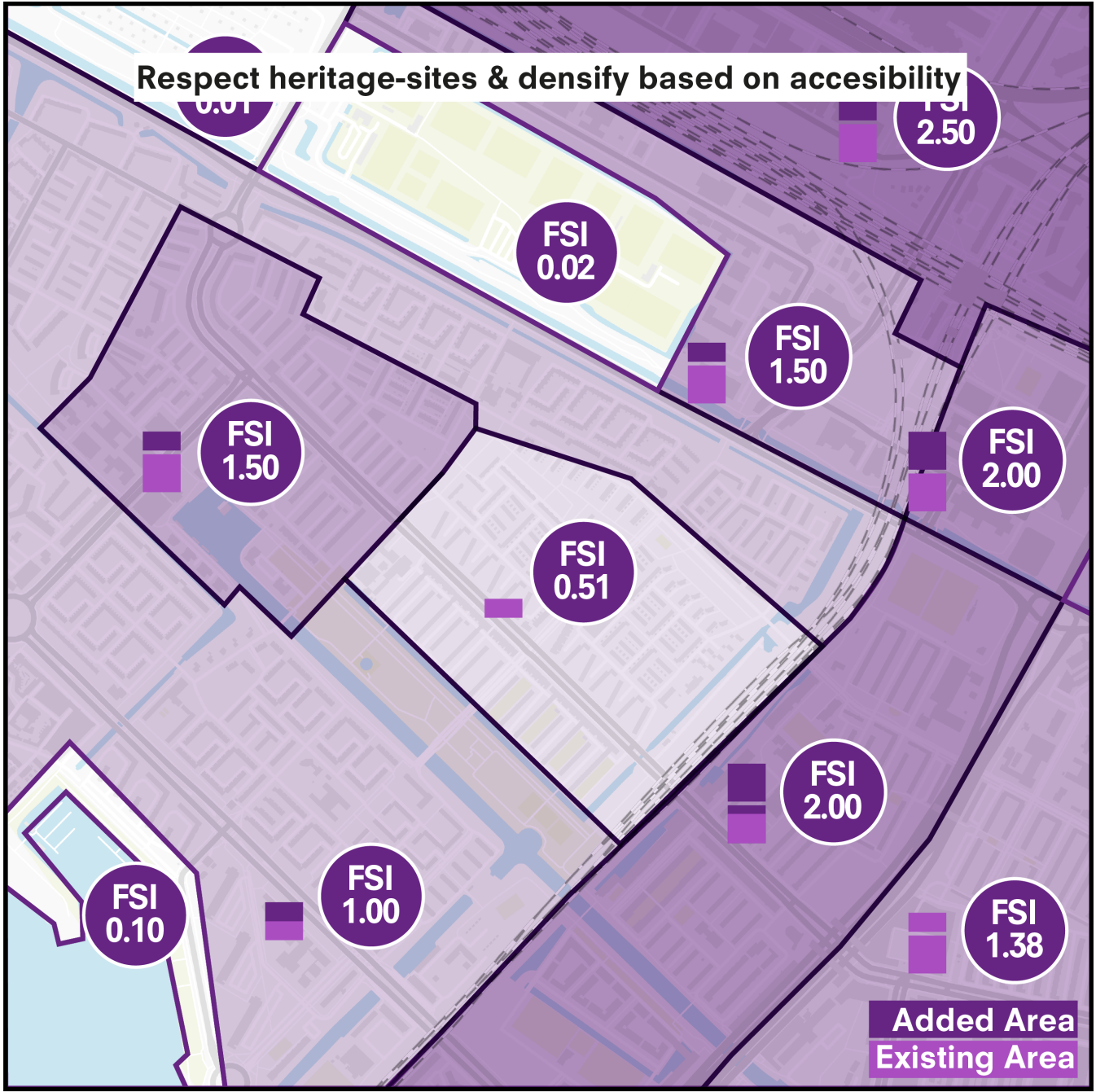
Densification



Attract middle class

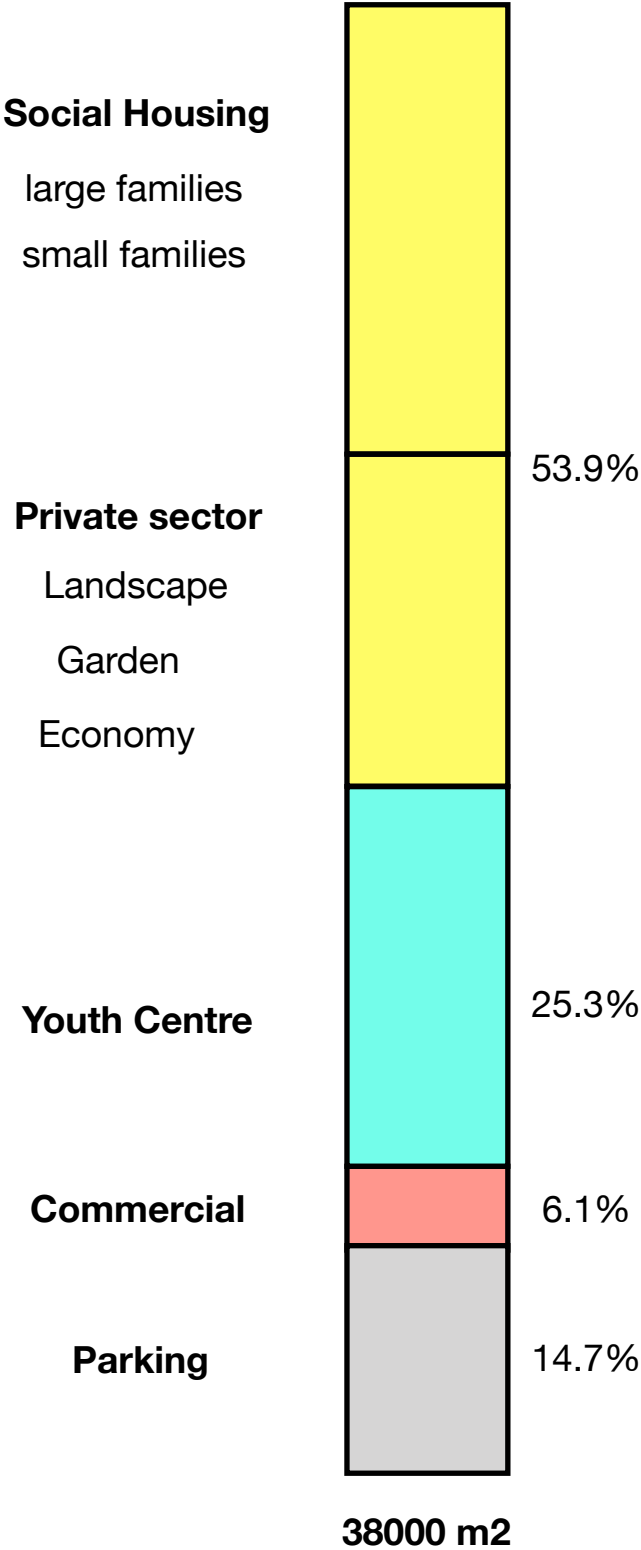


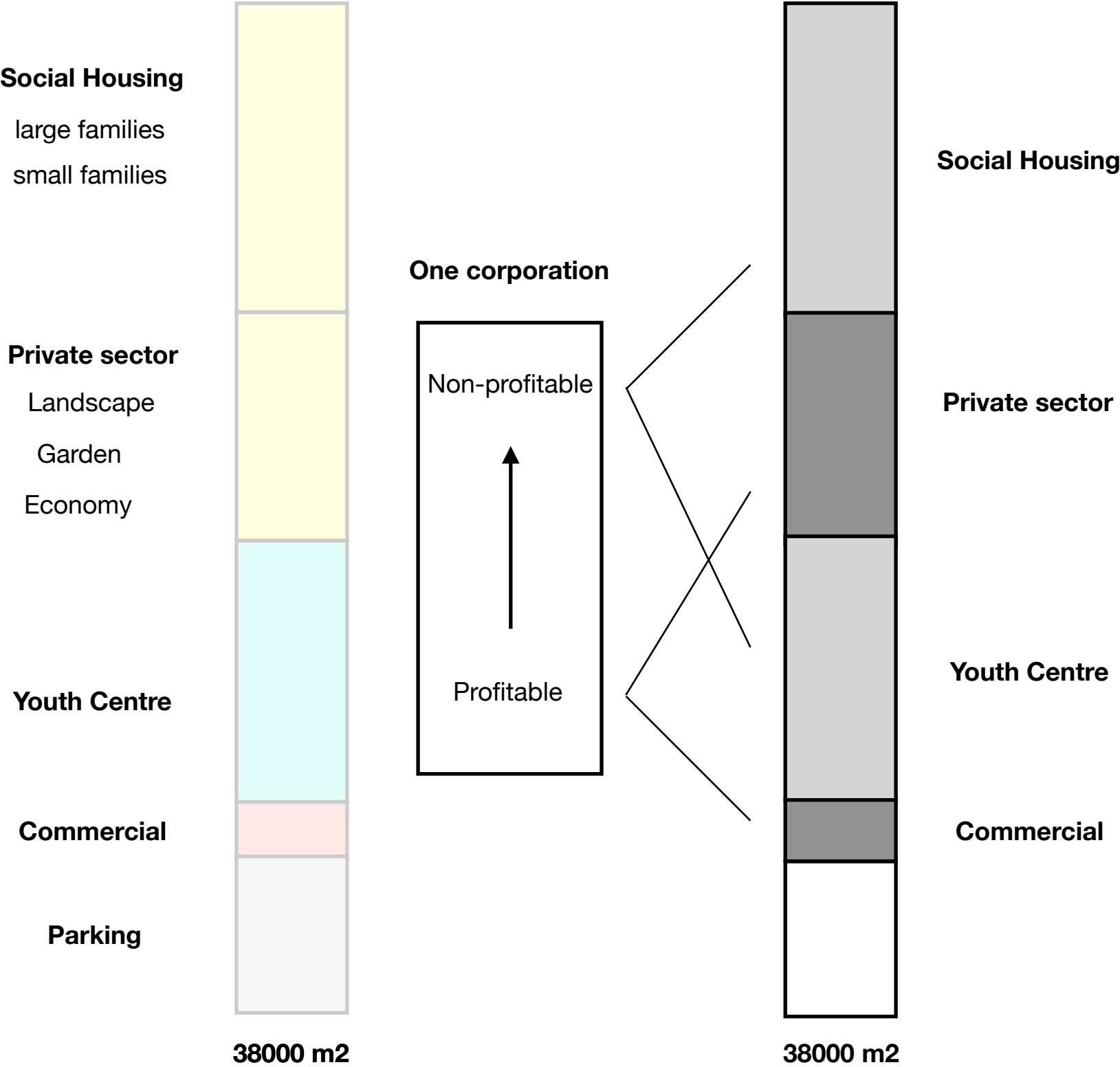
Polycentric Development

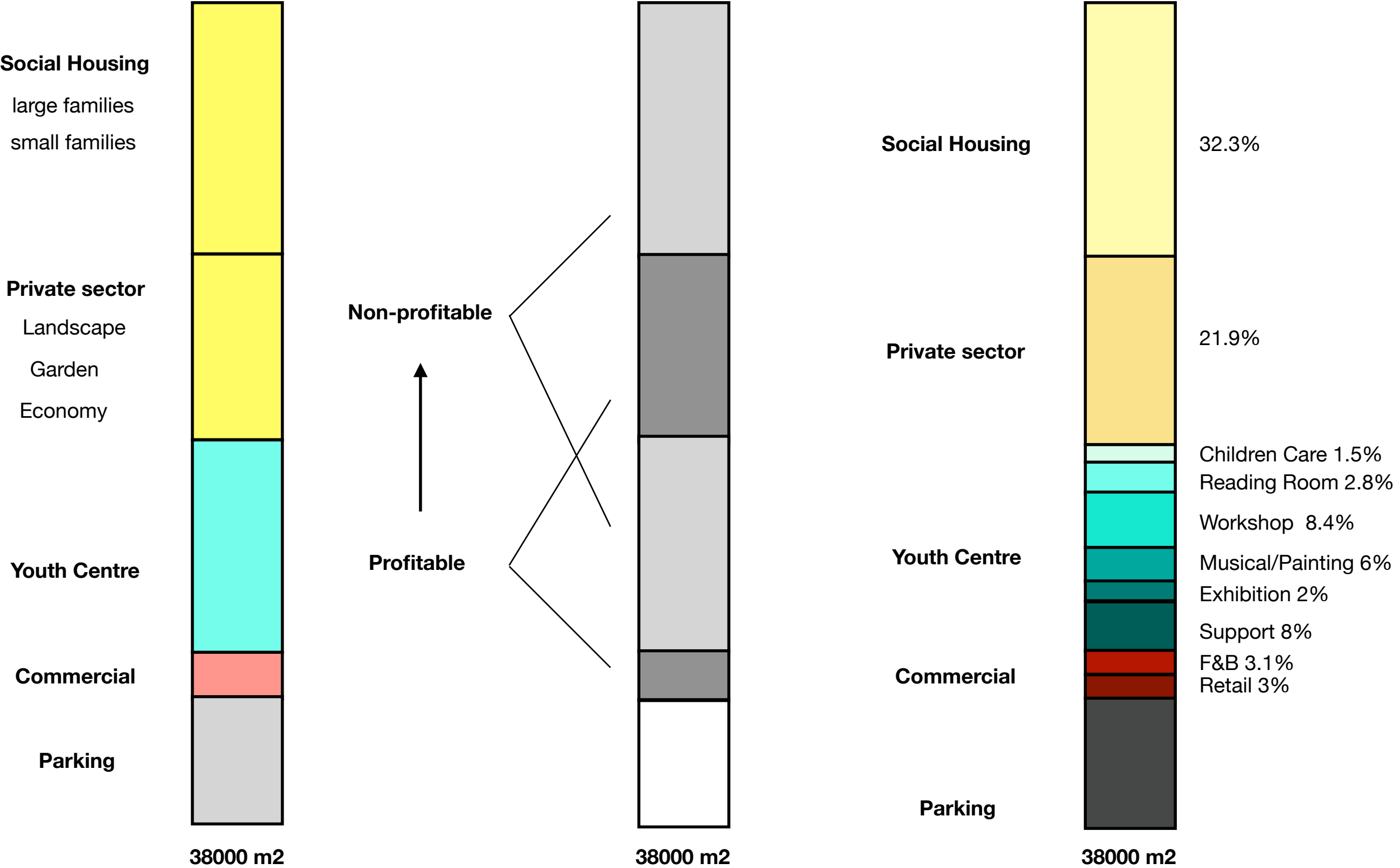


Group Vision

Create a **community complex**, as a start-up neighbourhood,
to attract middle class (YUP/YUPP) to Sloterdijk.

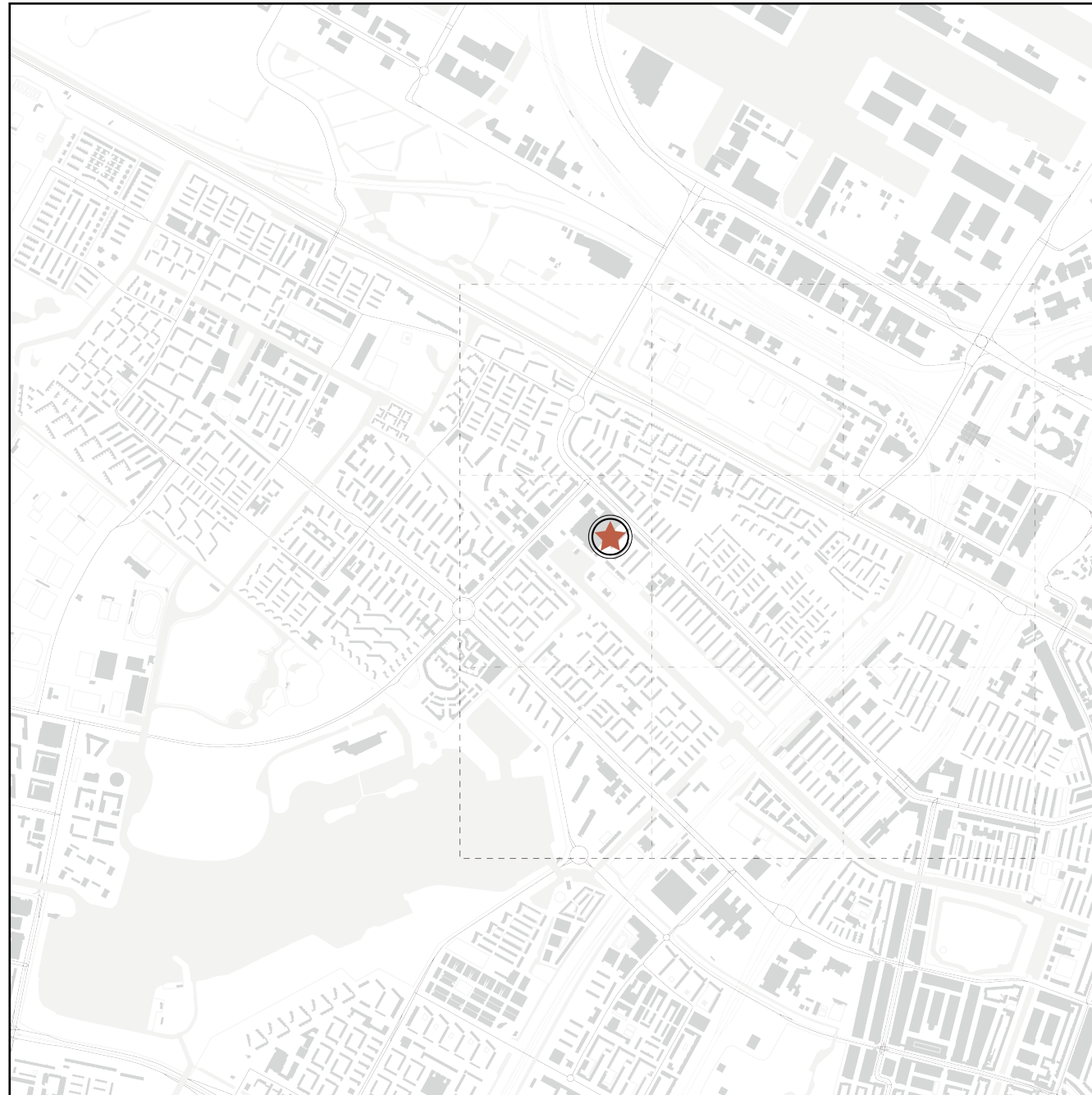




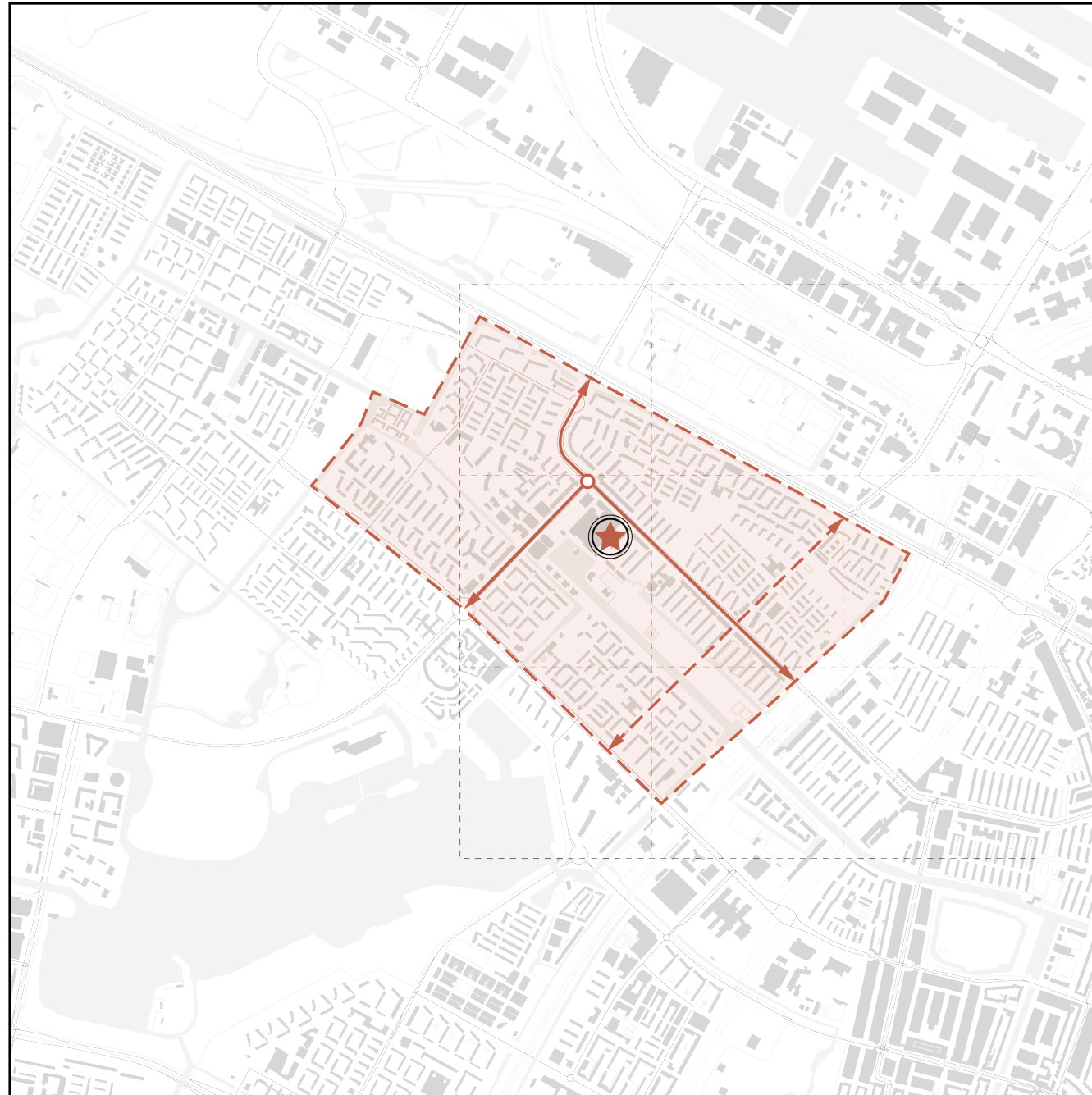


Location Choice

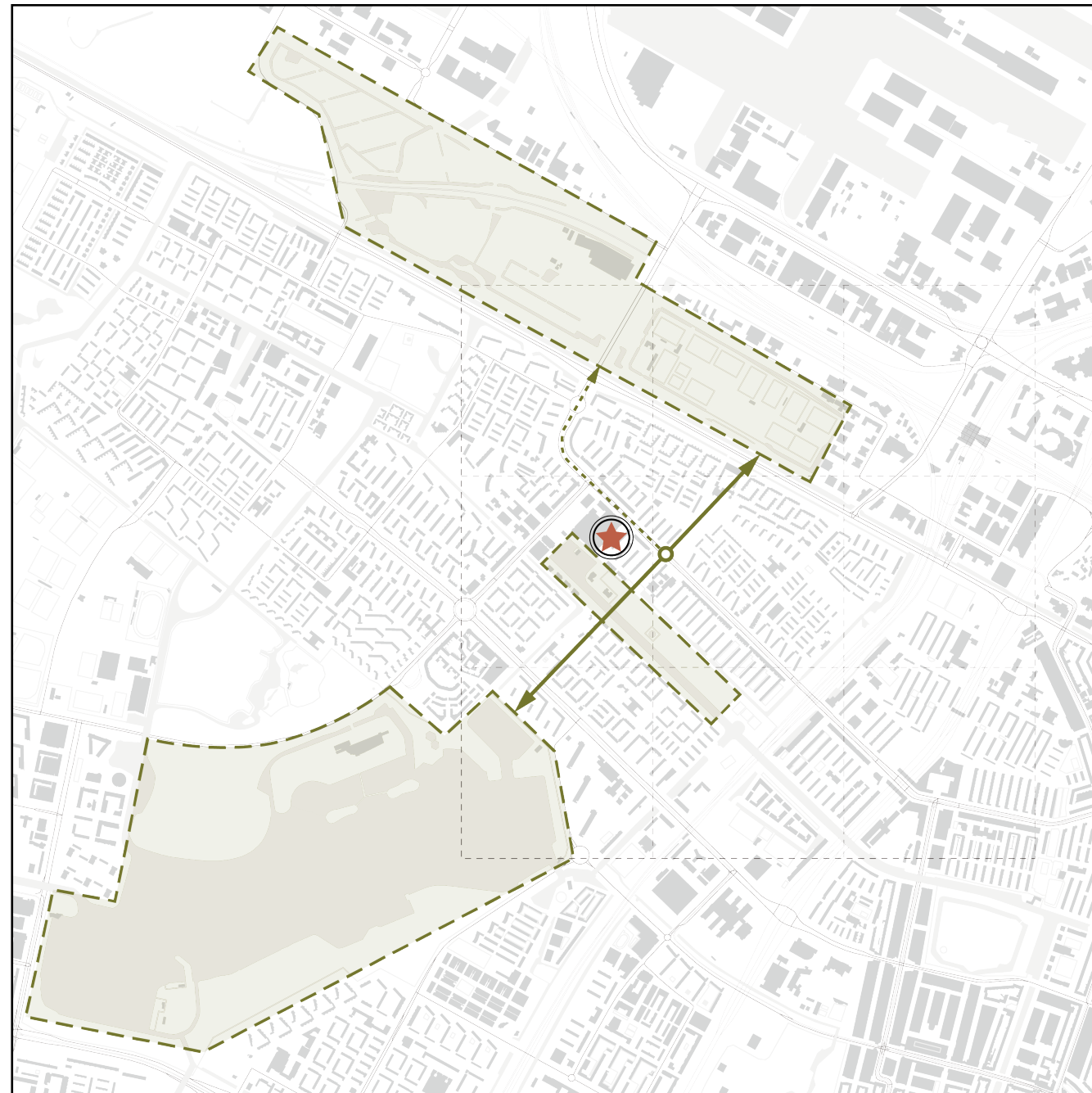




City Centre in Slotervaart



City Centre

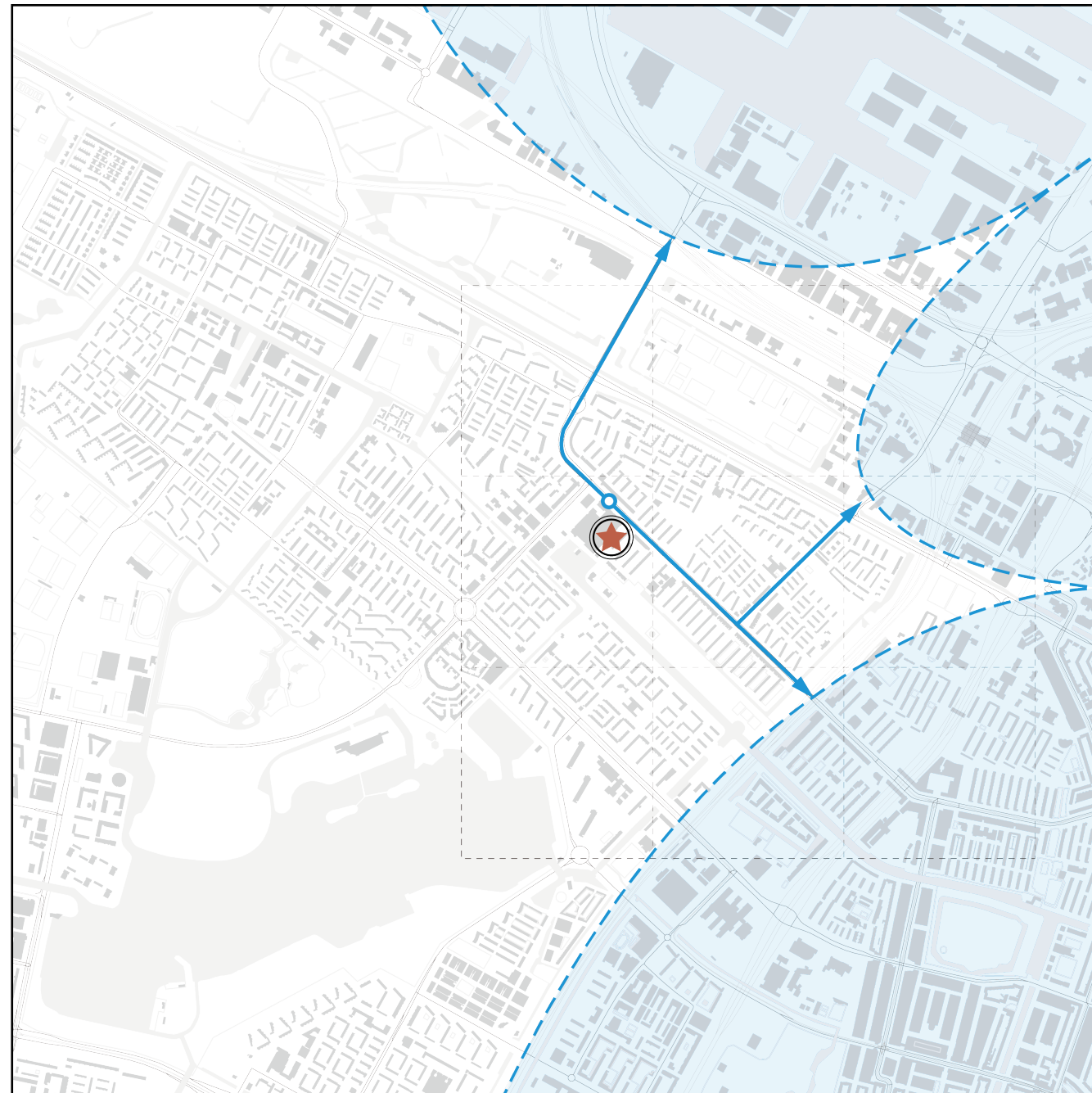


Park

Landscape

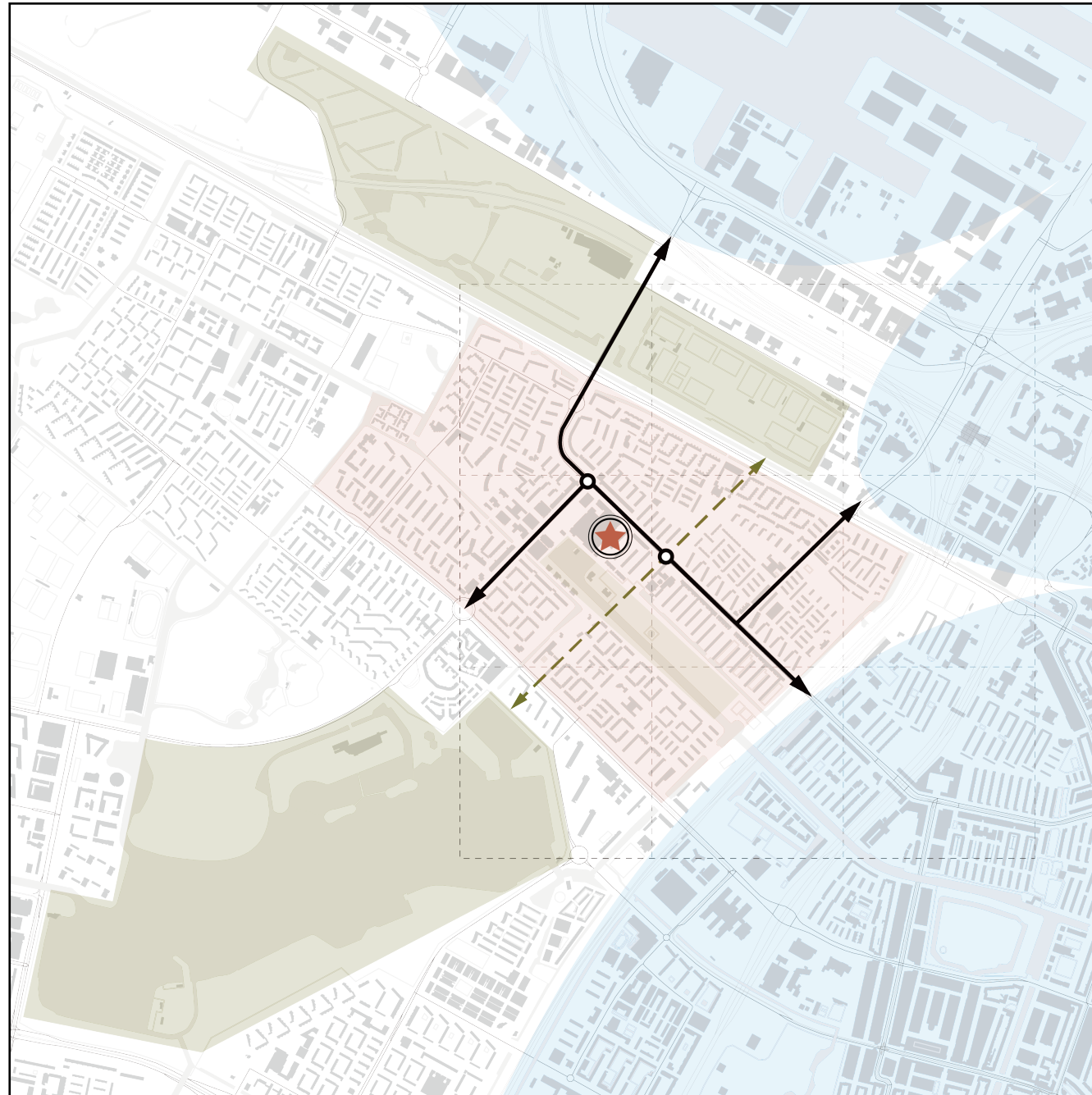
Lake

Park/Landscape/Lake



15 min walk
5 min bike

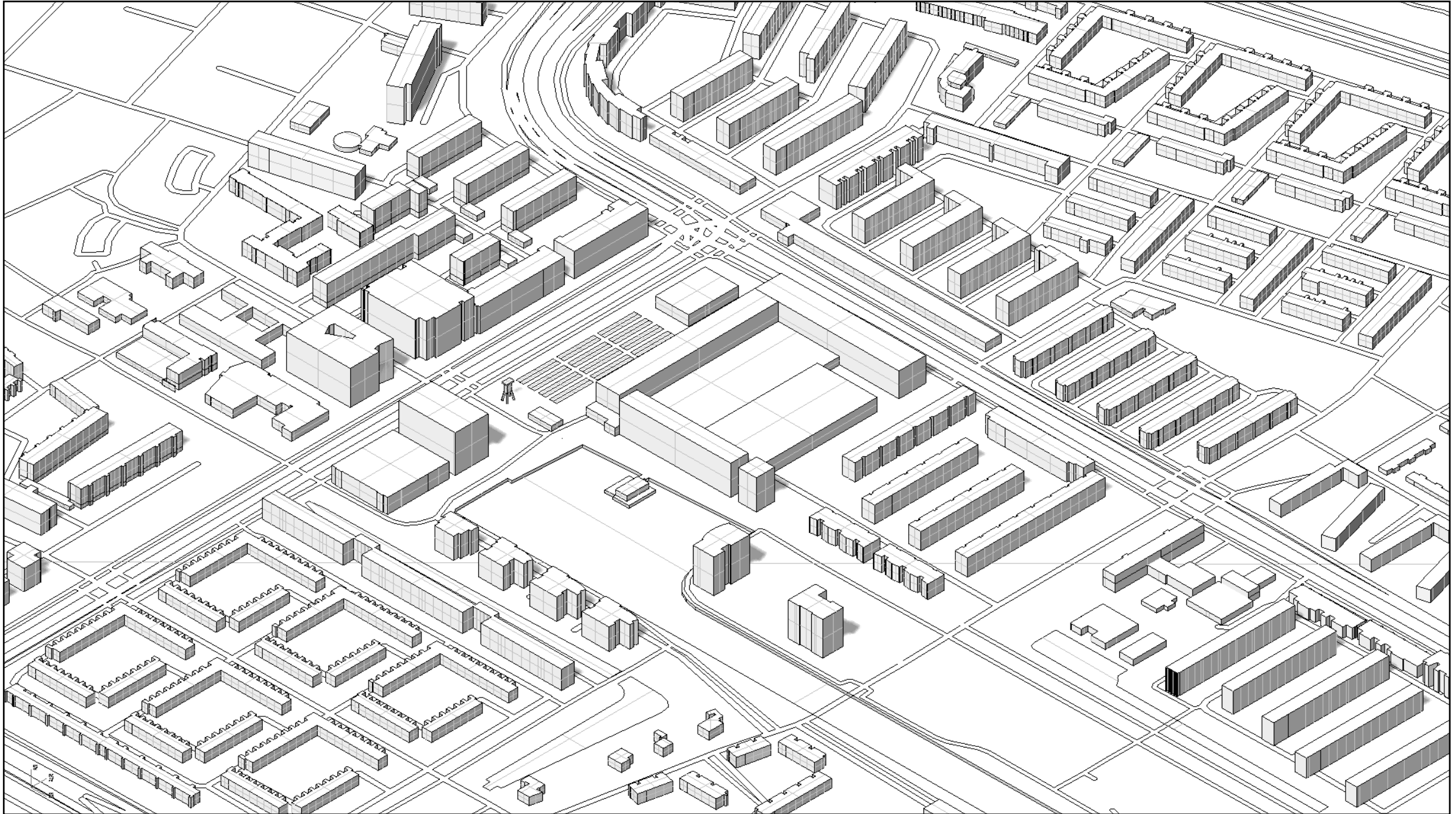
Near the working area



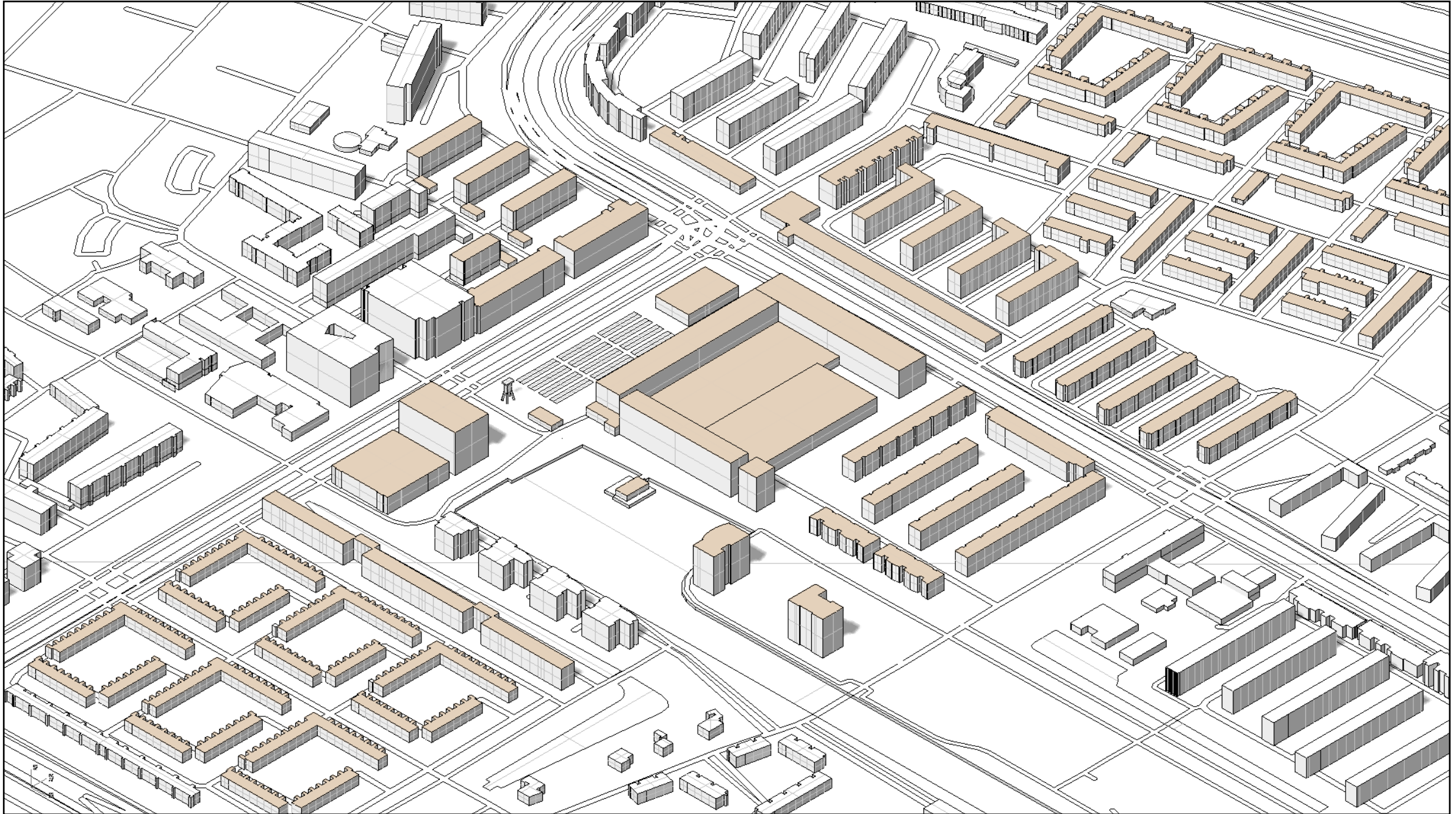
All in one: Best location for a start-up neighbourhood

Masterplan

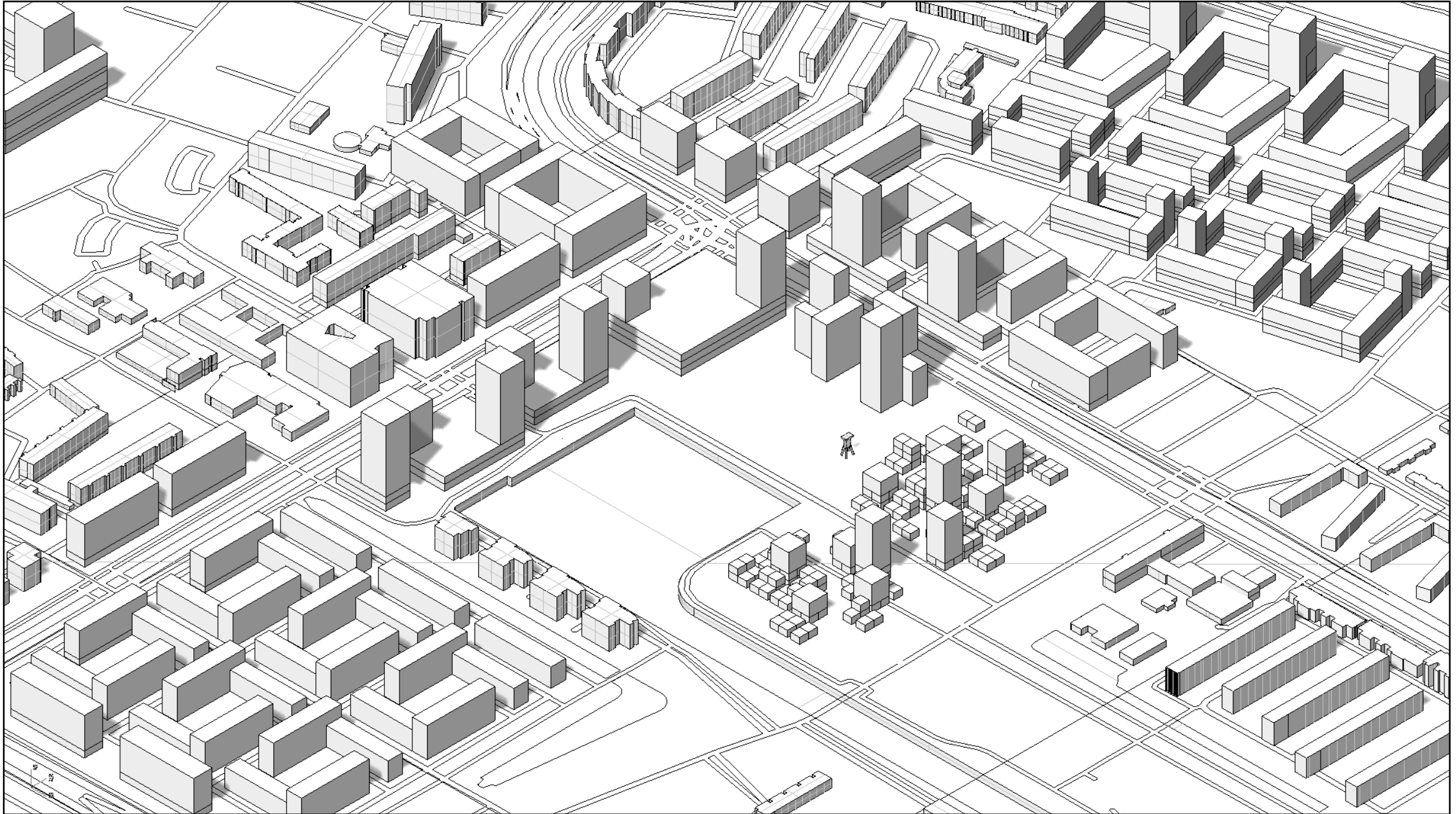




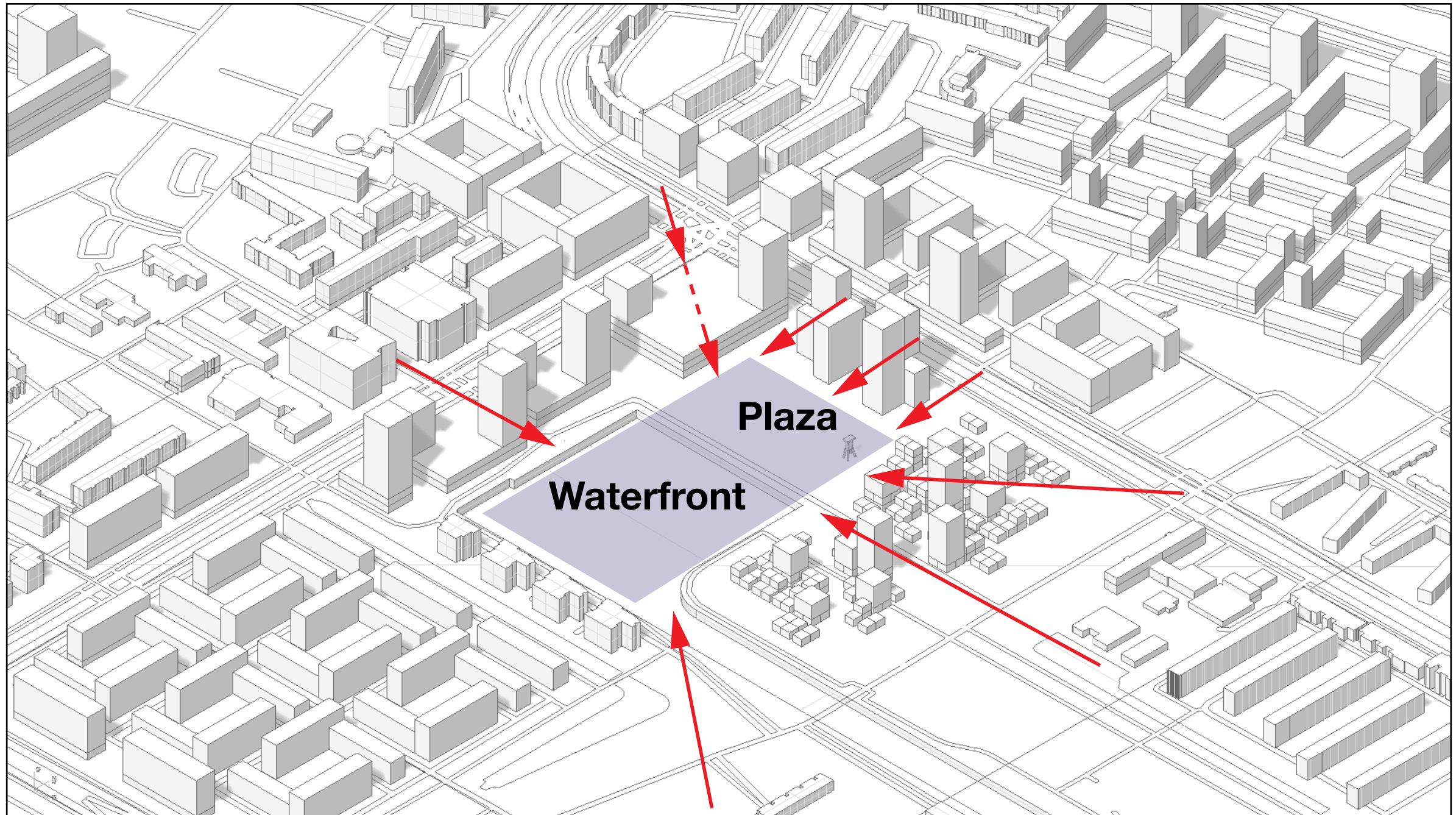
Current Situation



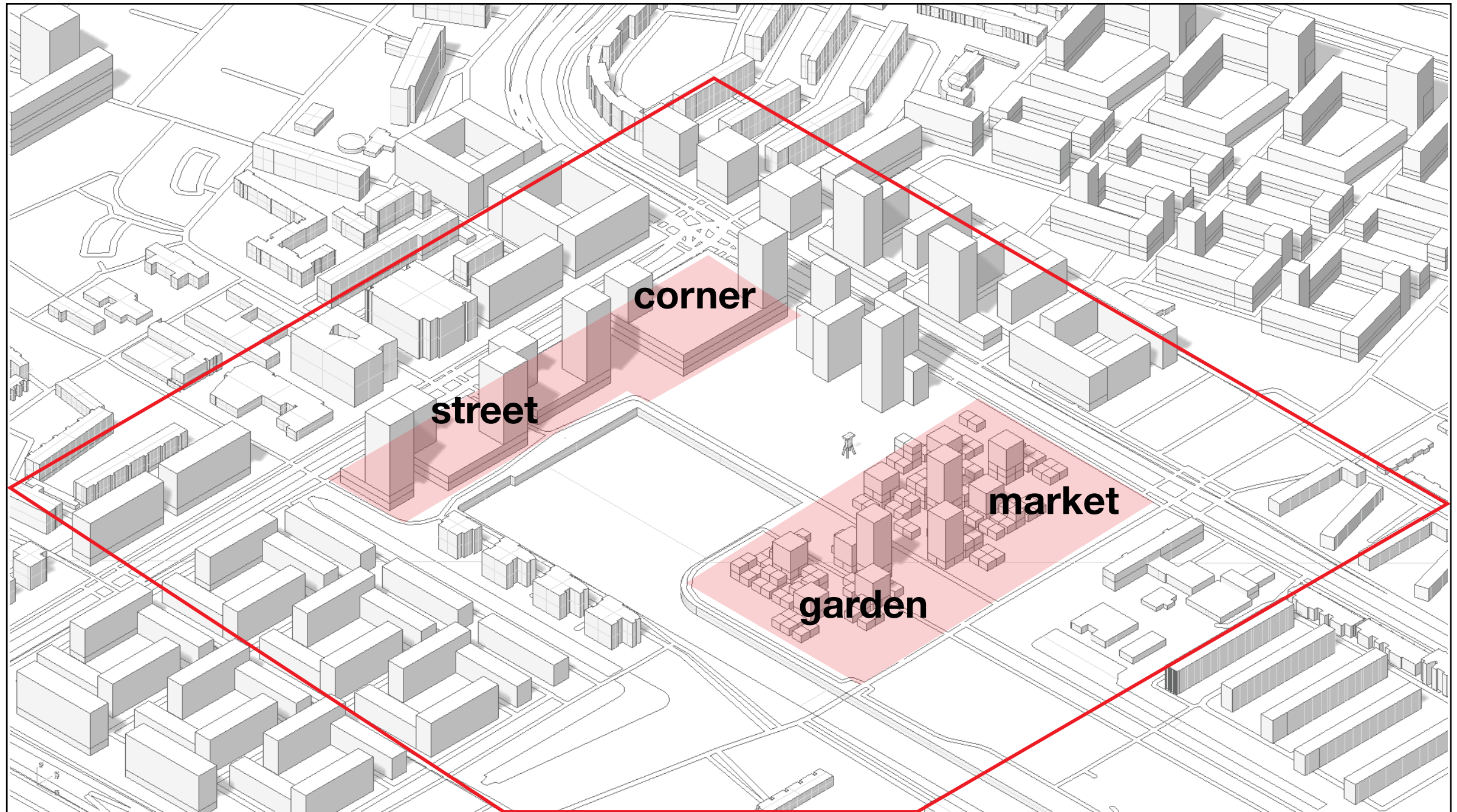
Demolition Plan



Development Plan

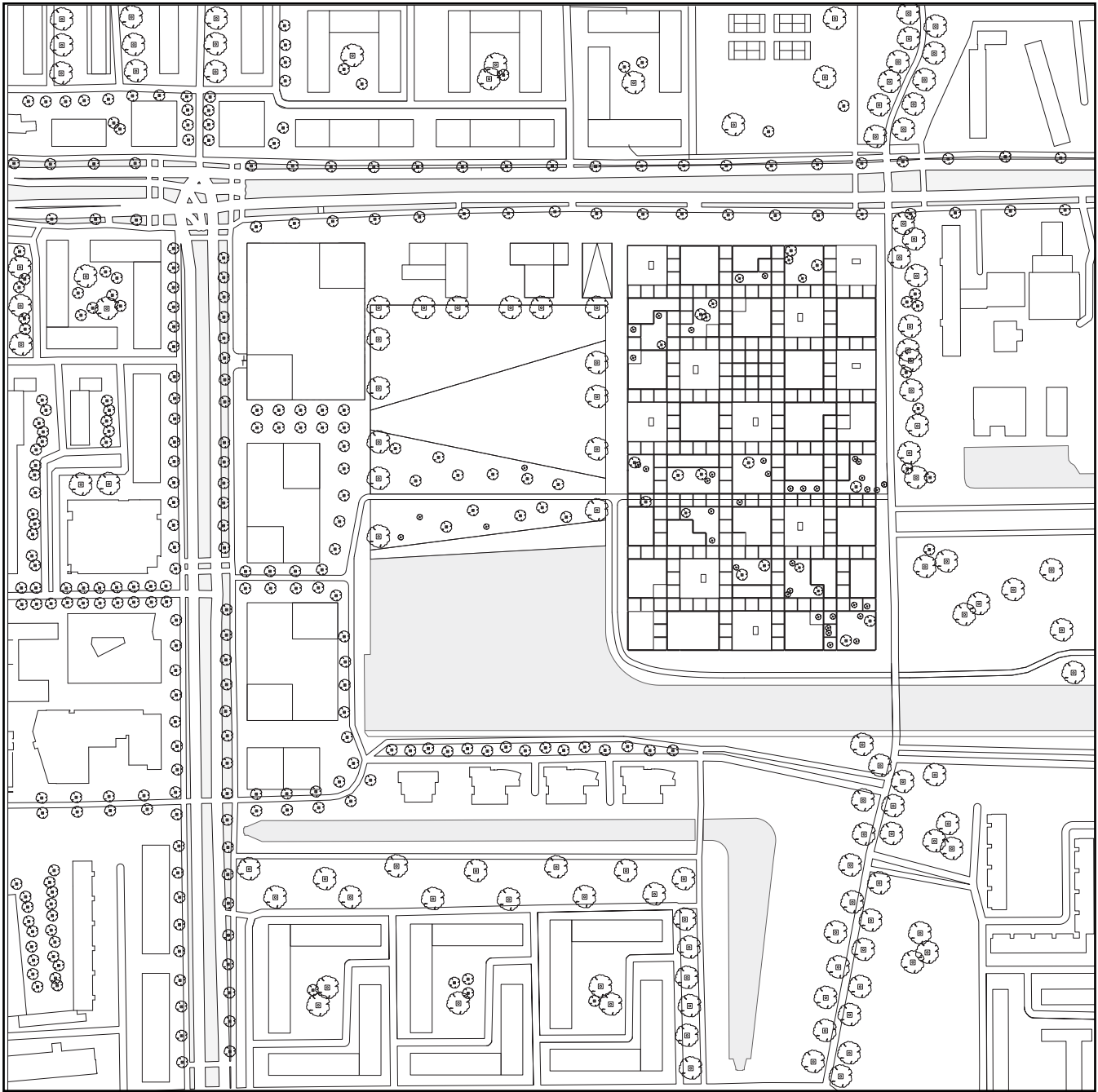


City Centre

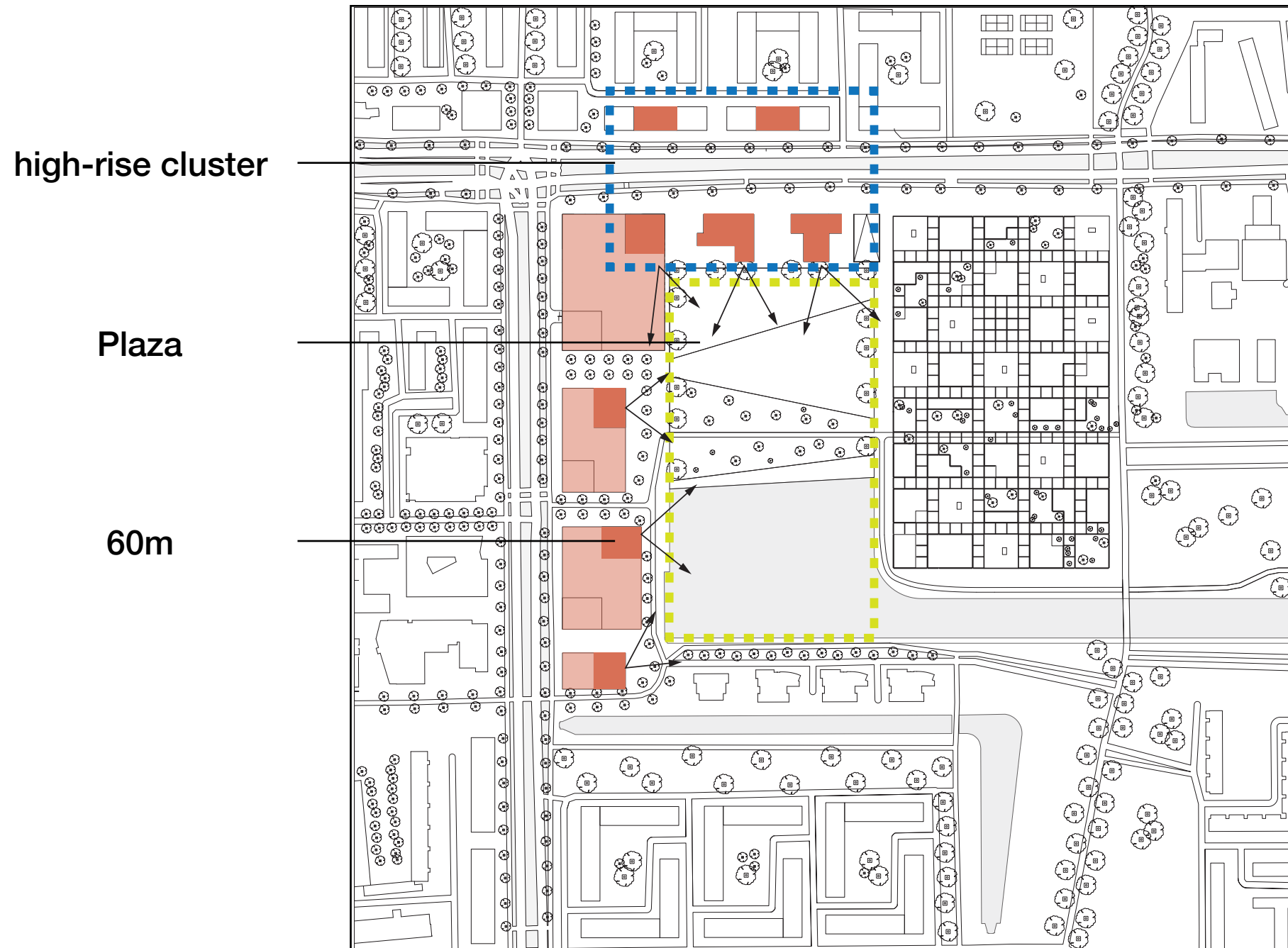


Theme



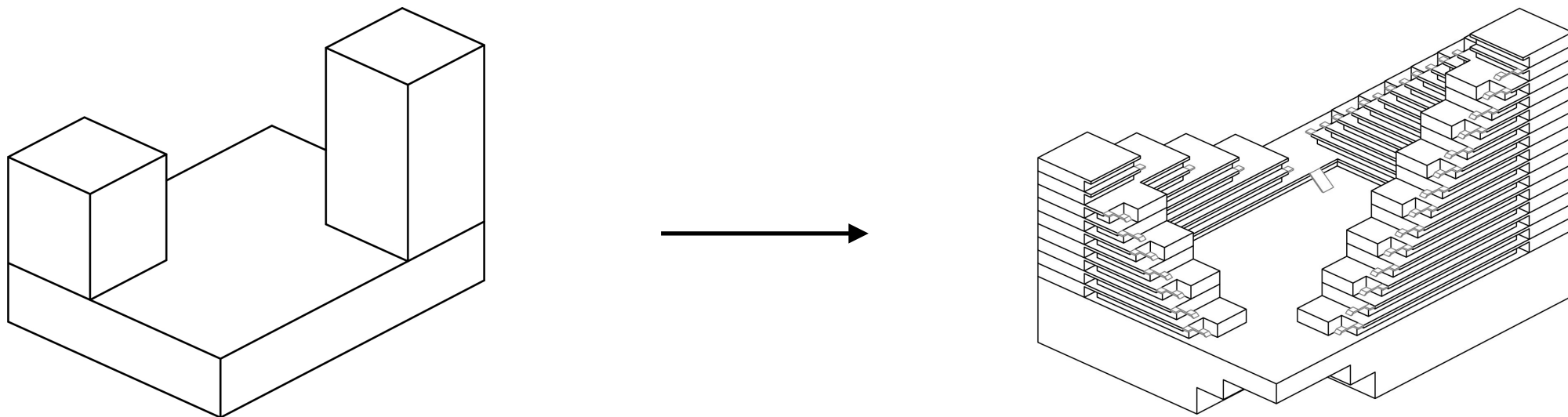


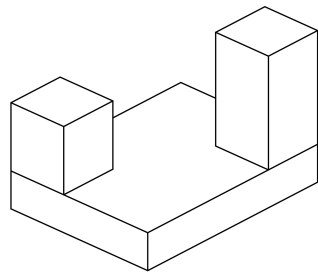




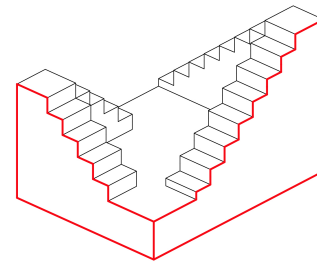
Design Project



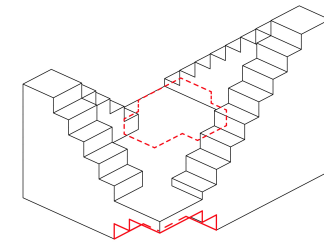




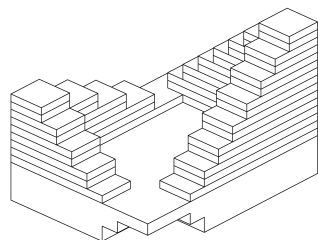
1. Tower and Block



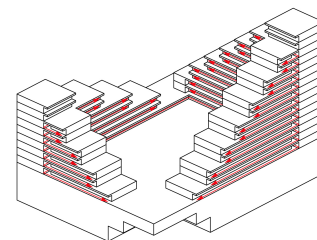
2. Tower Block



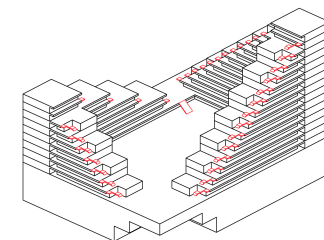
3. Lifted Corner



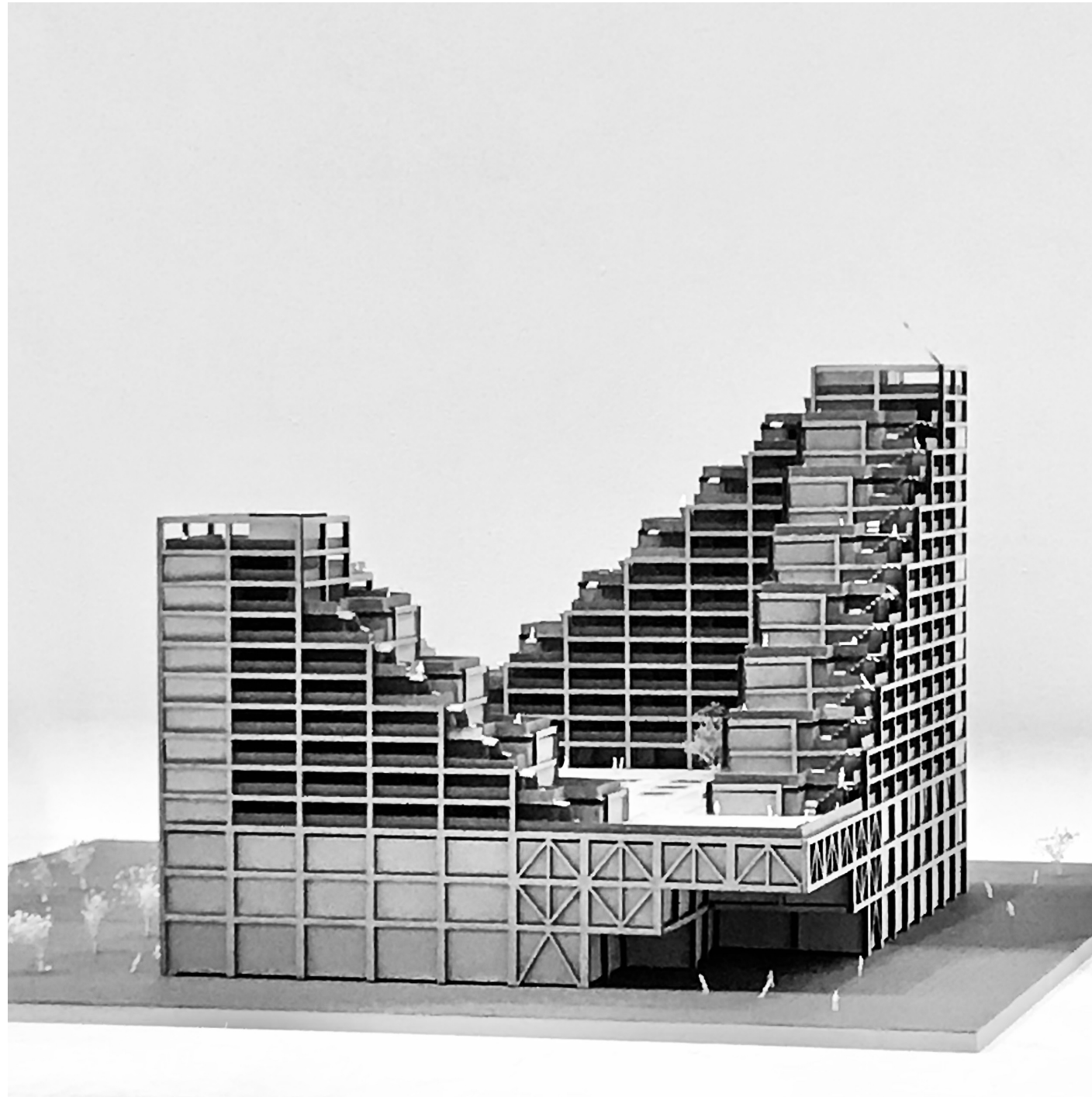
4. Housing

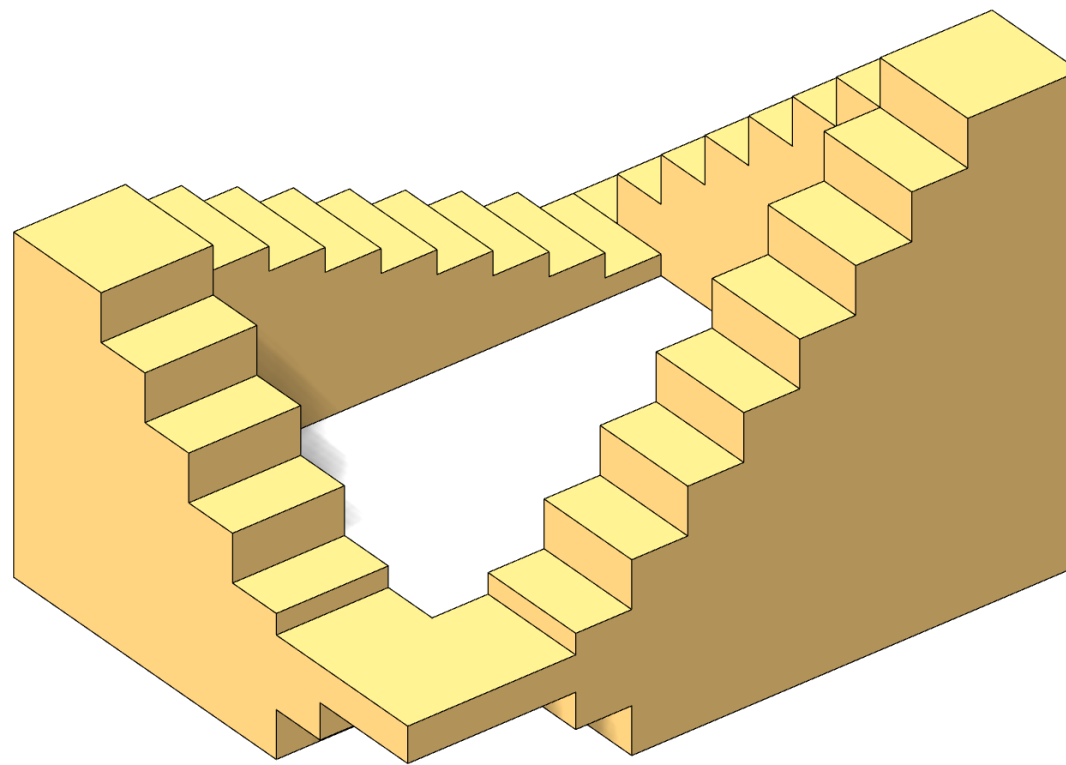


5. Asymmetrical Circulation

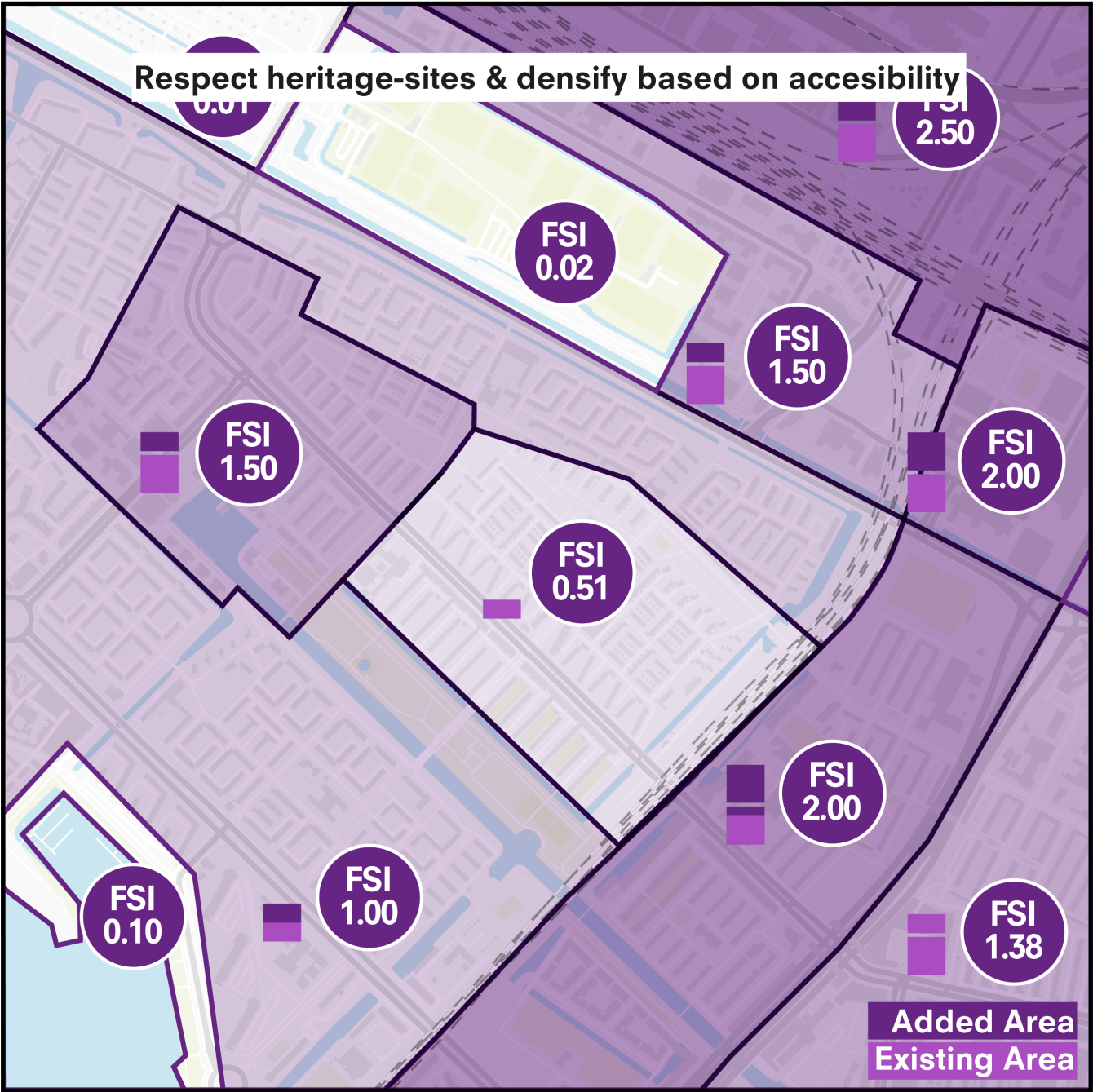


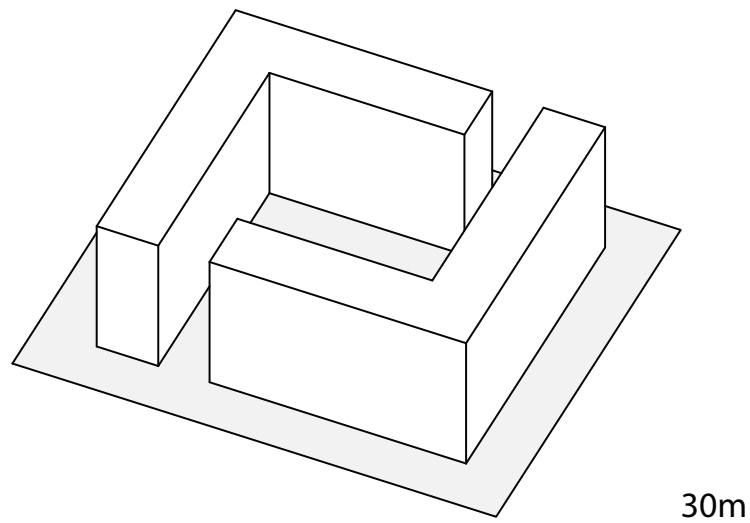
6. Lifted Corner





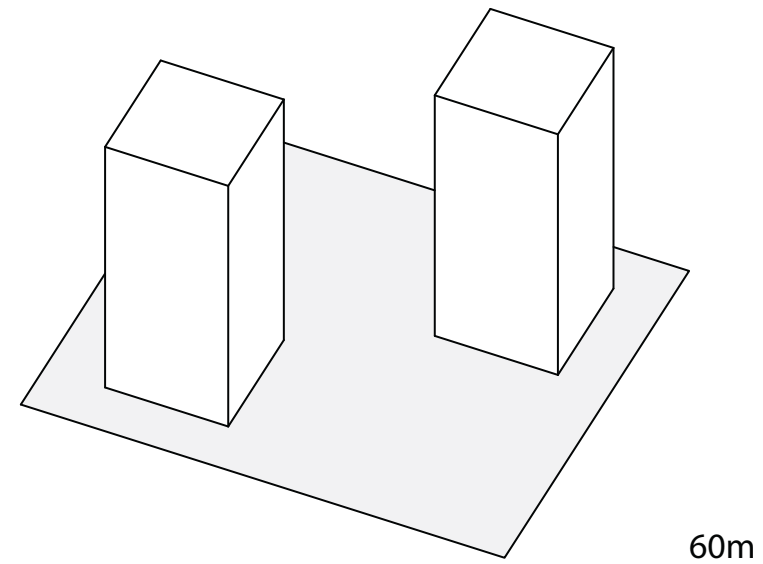
tower-block





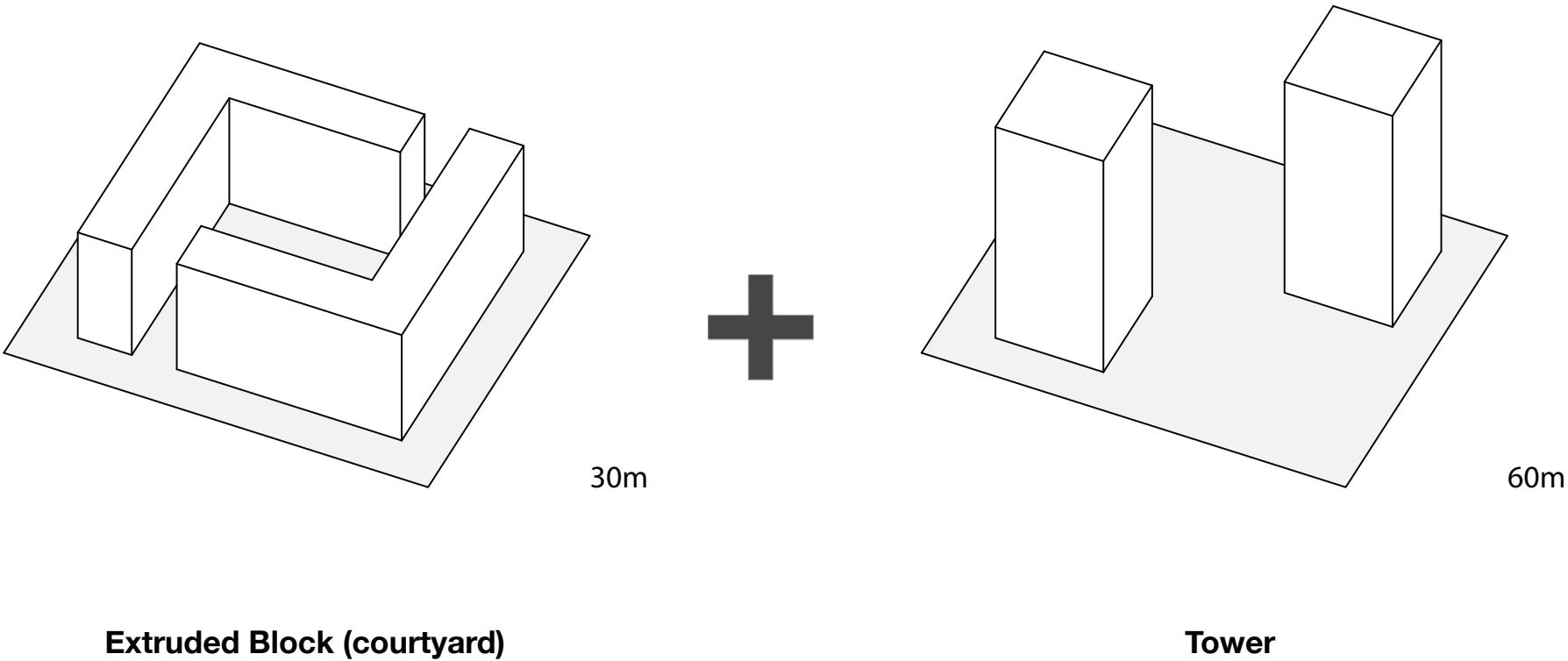
Extruded Block (courtyard)

Courtyard-communal space
Relatively low



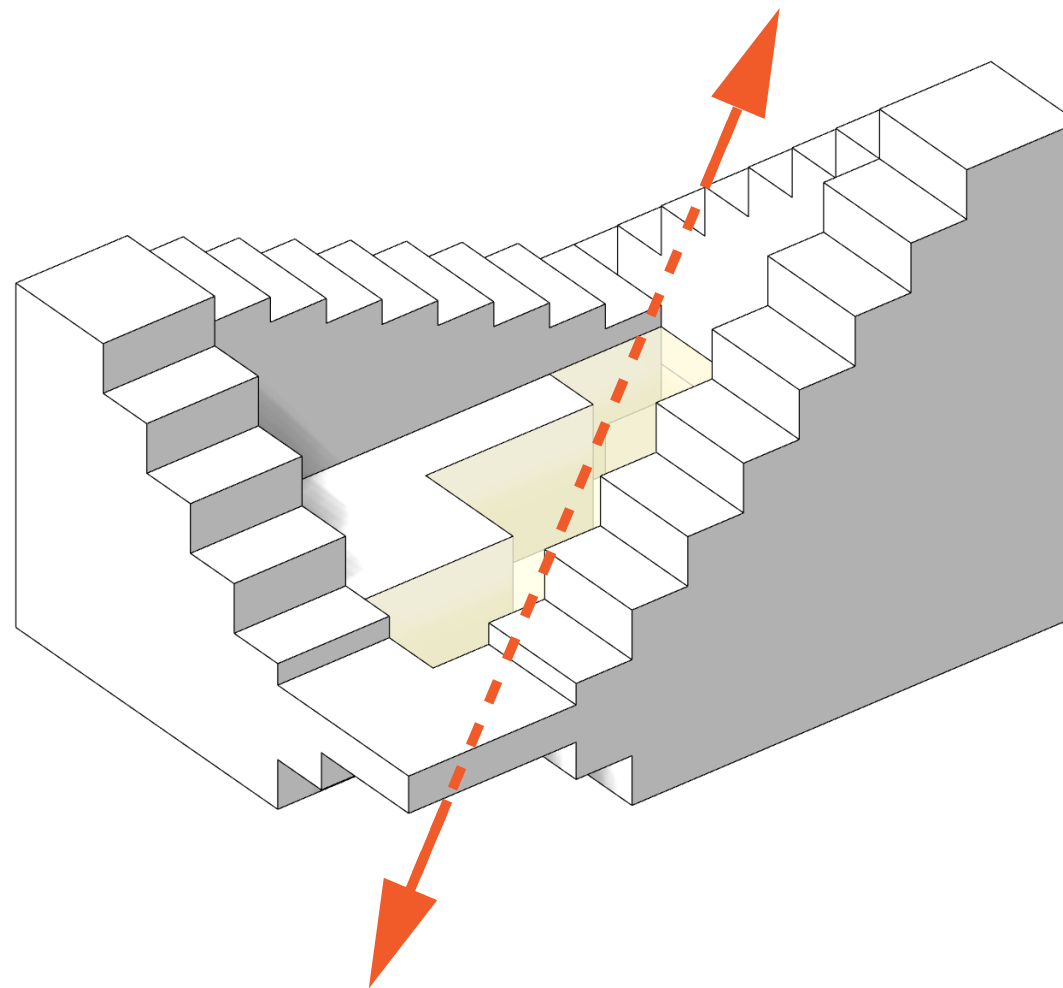
Tower

Better views
Open ground space for city(public/green)

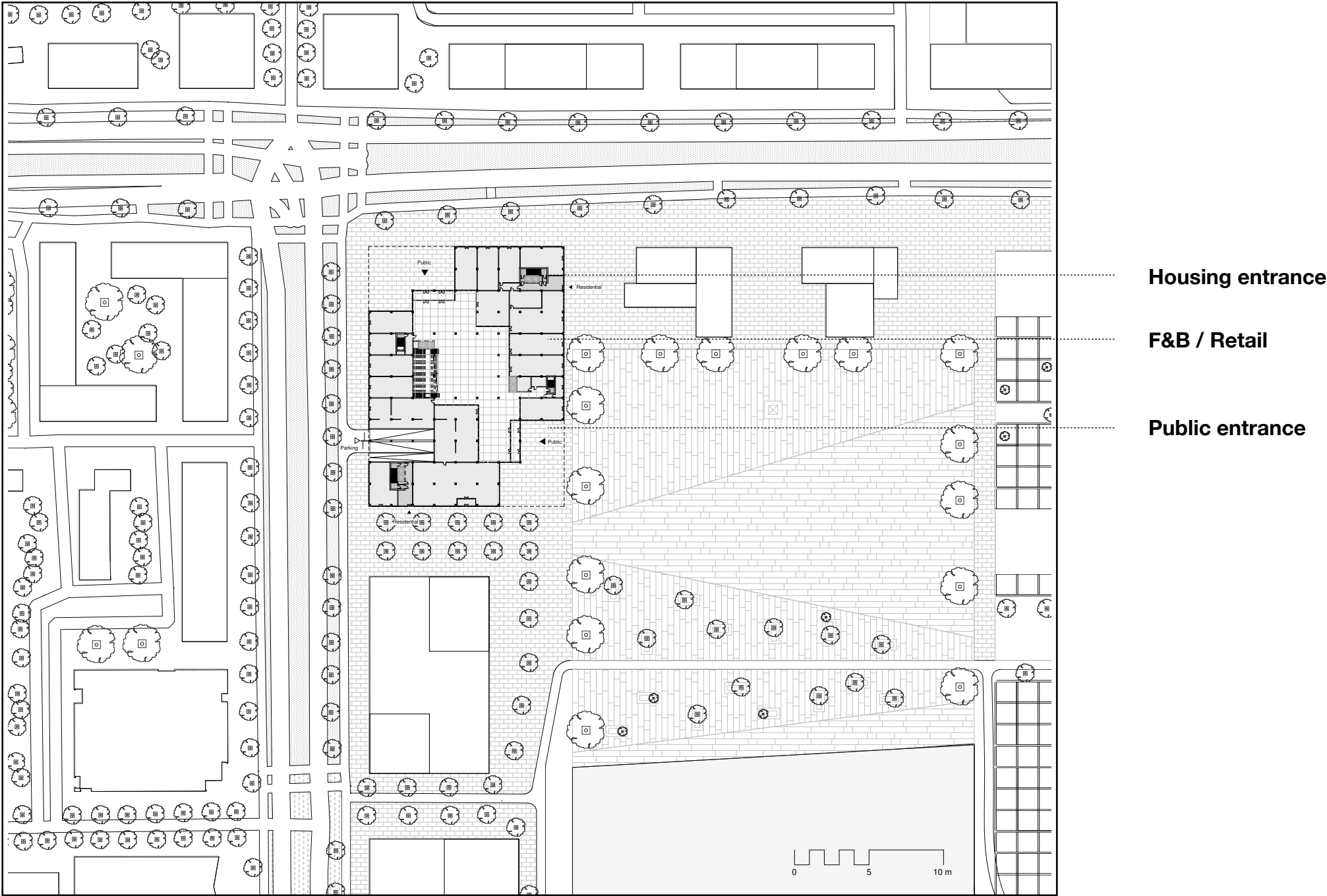




Urban Elevation



urban access



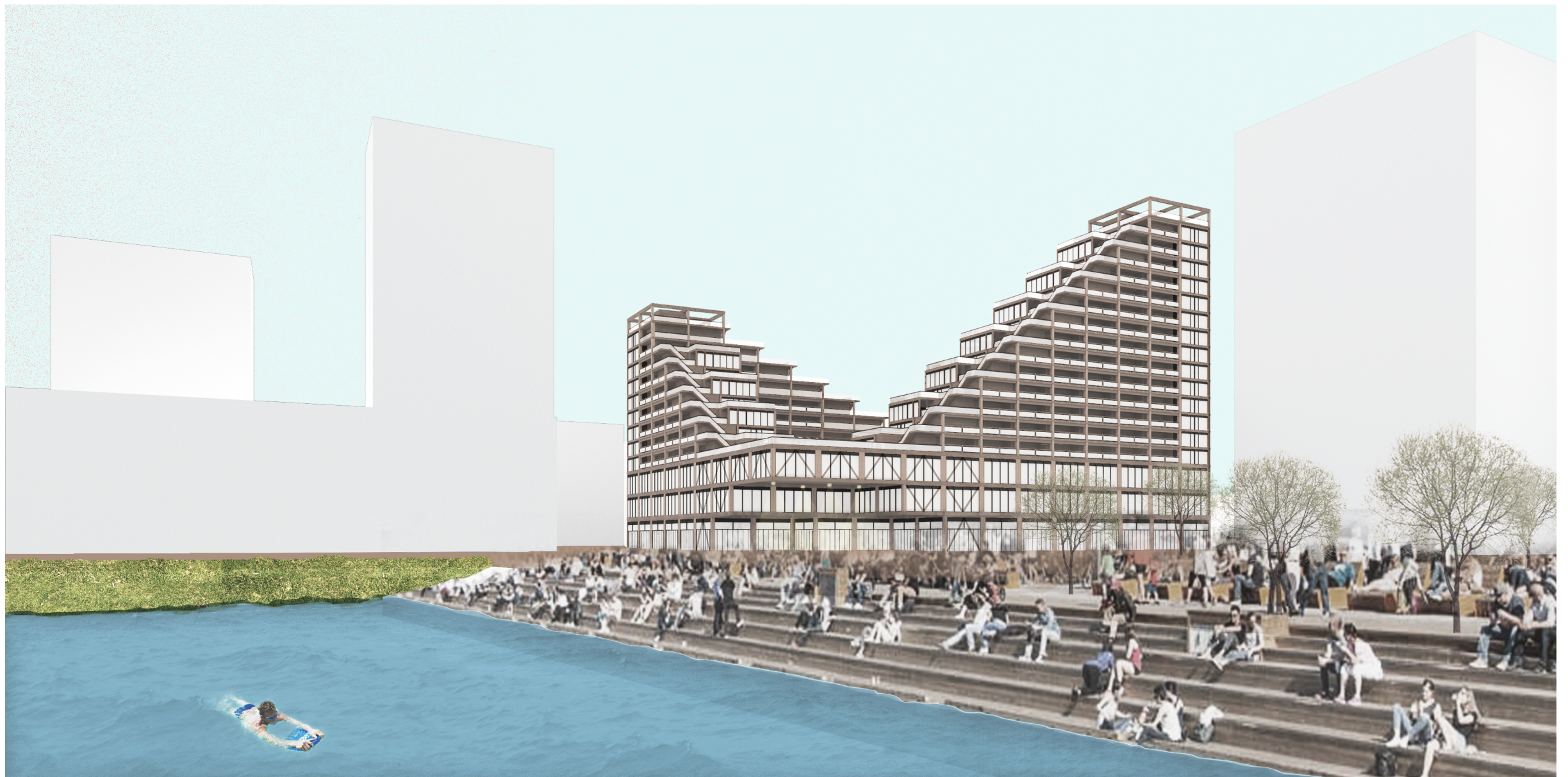
site plan - access from street corner to the plaza



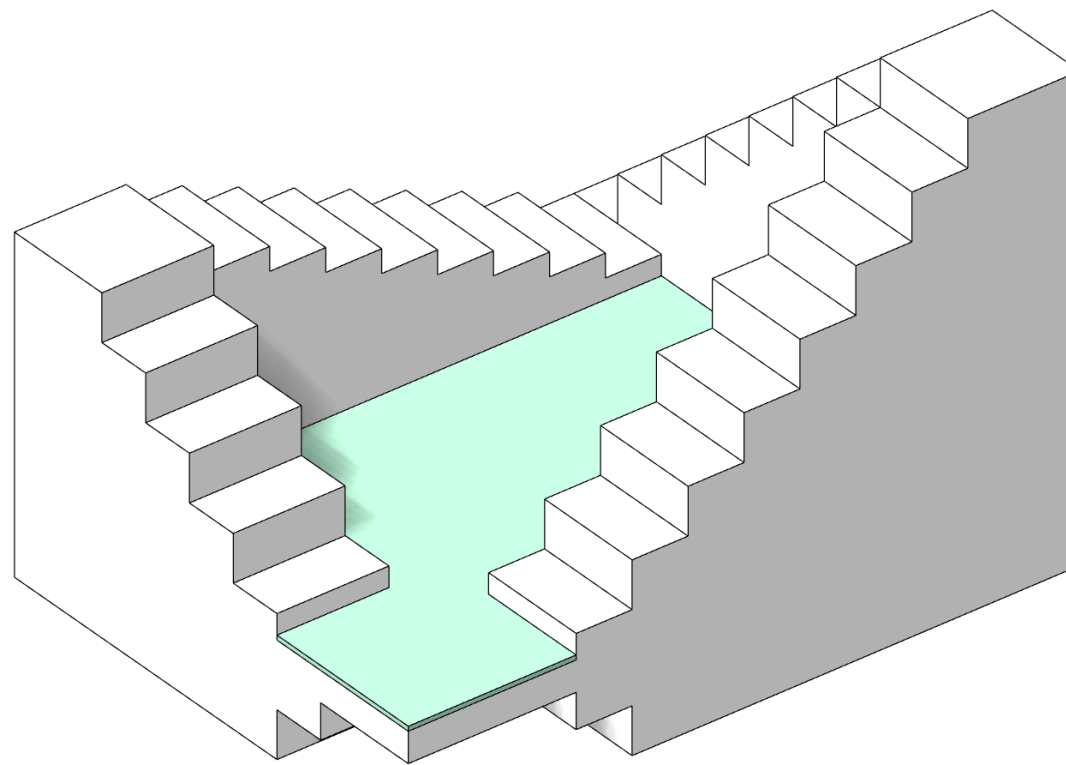
Perspective from corner



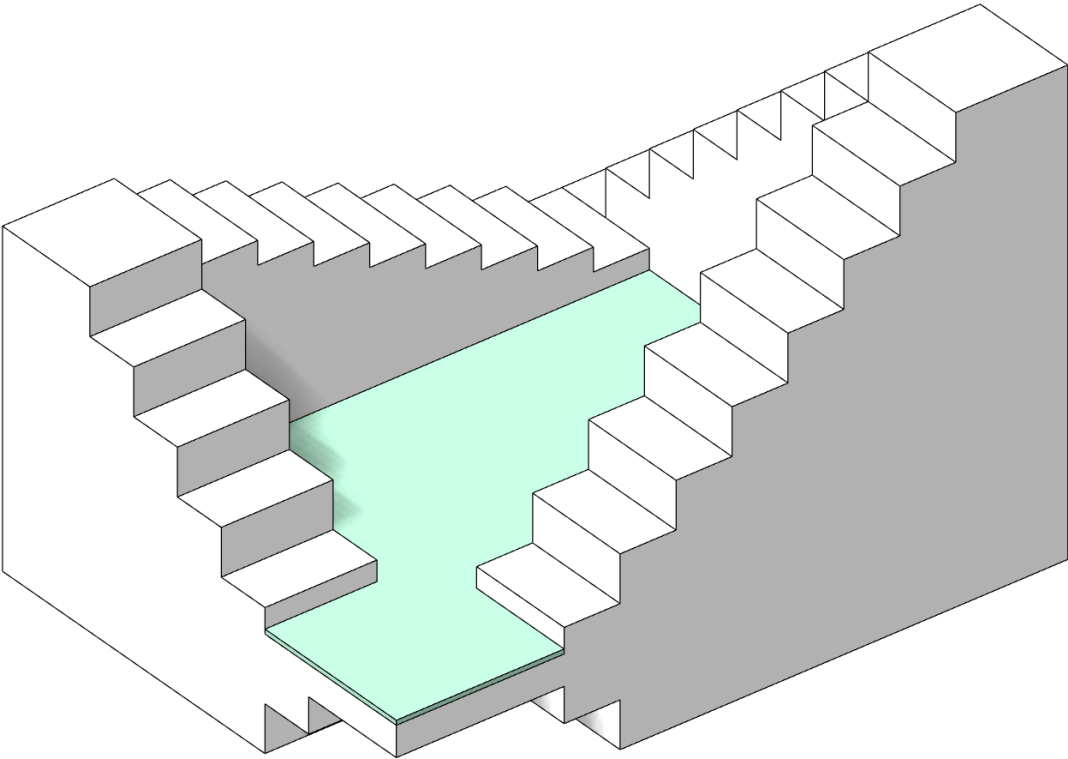




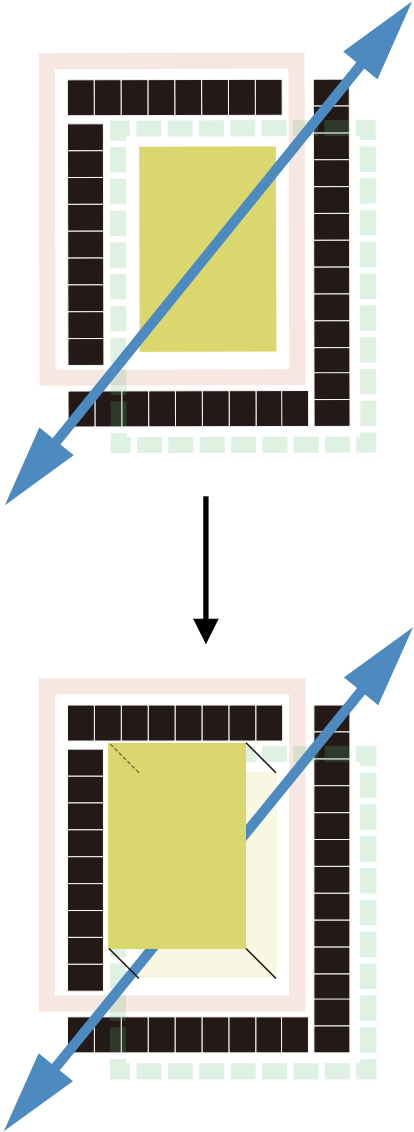
Perspective from water

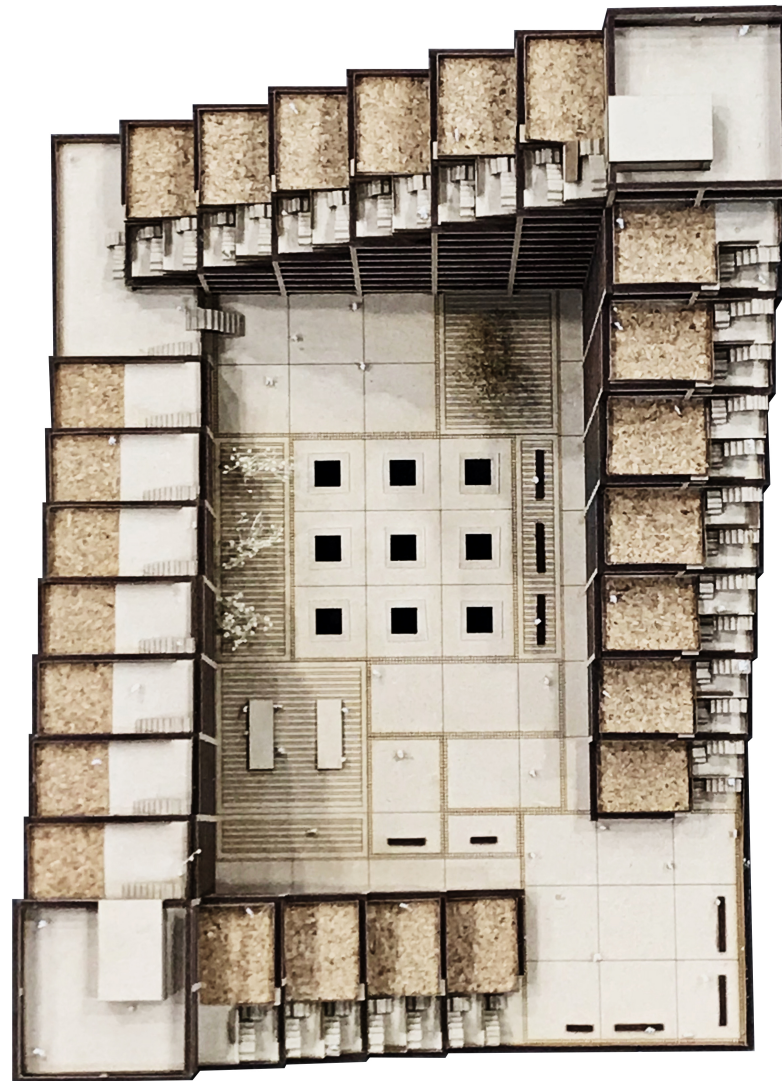


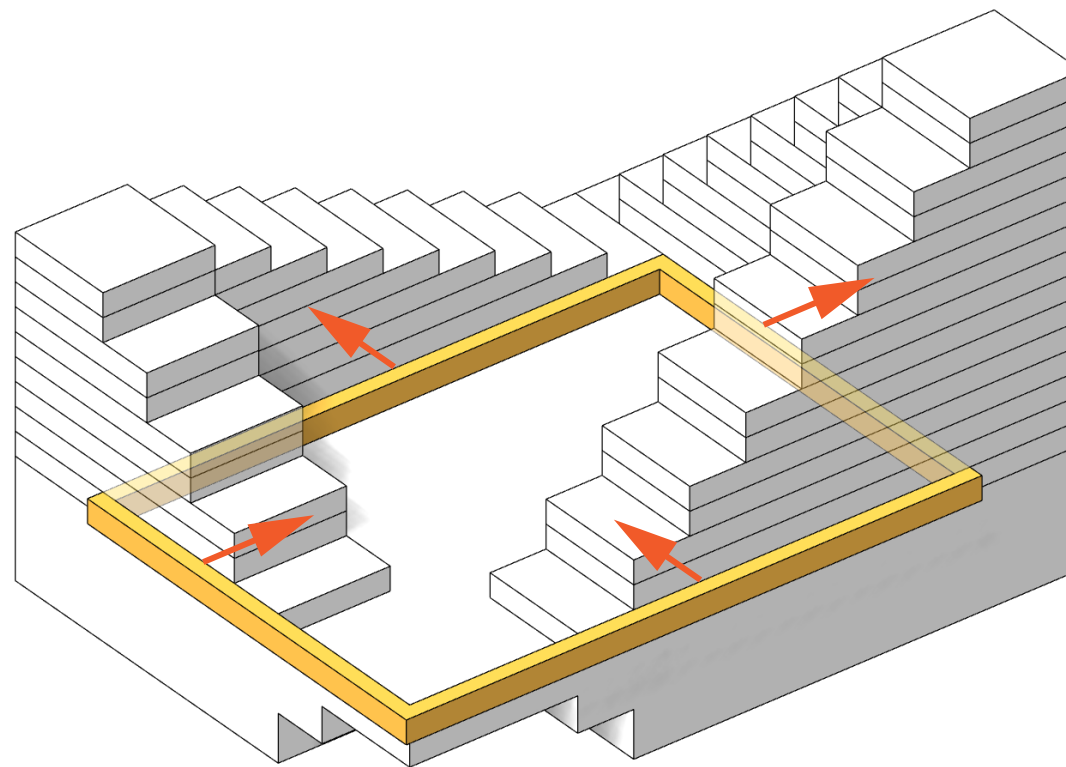
lifted communal space



lifted communal space



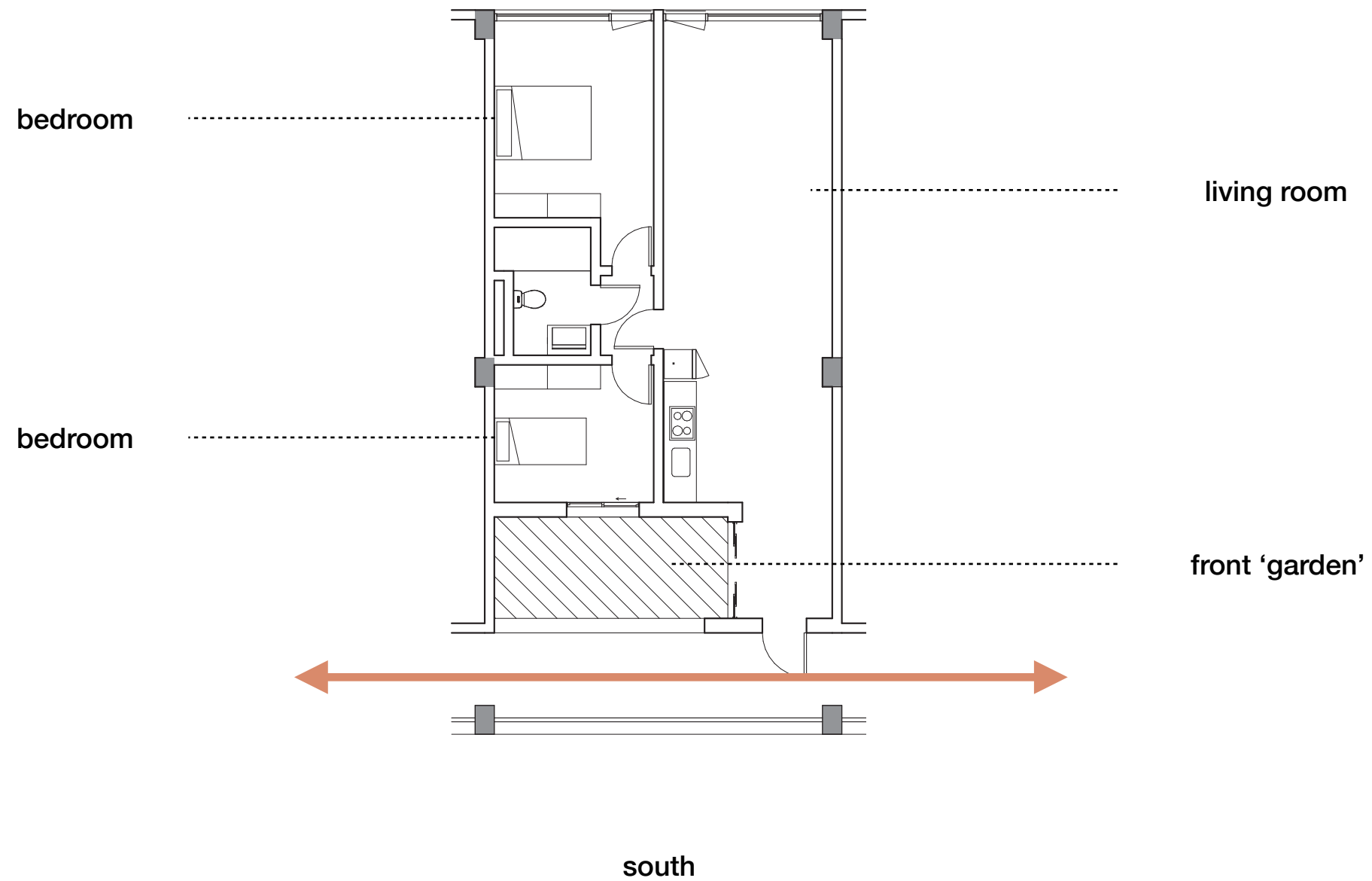


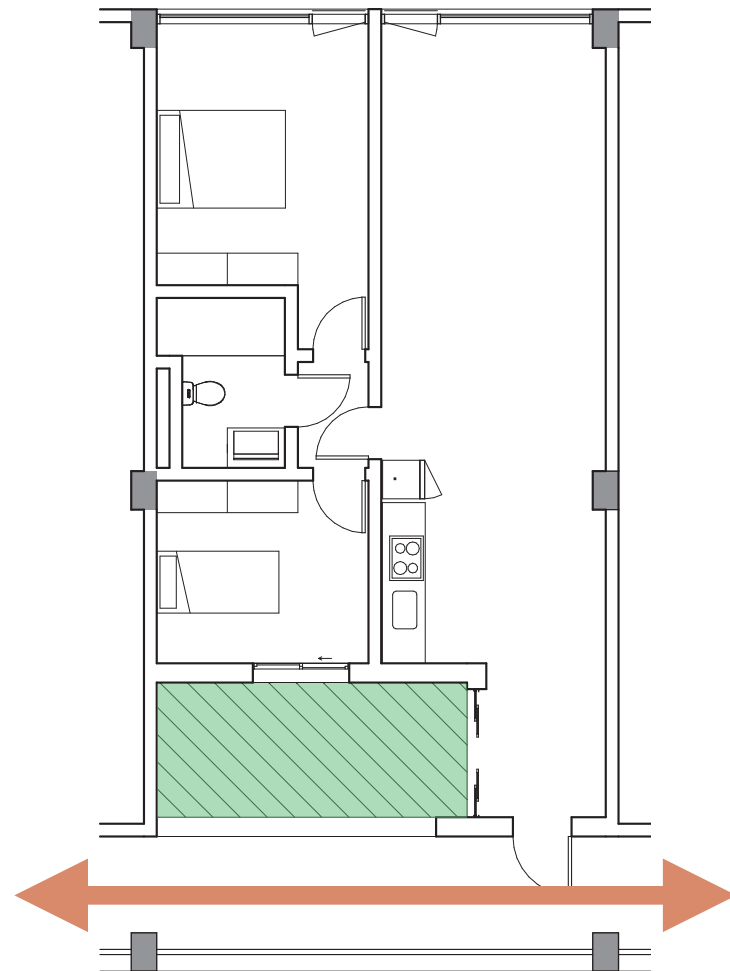


Entrance for Units

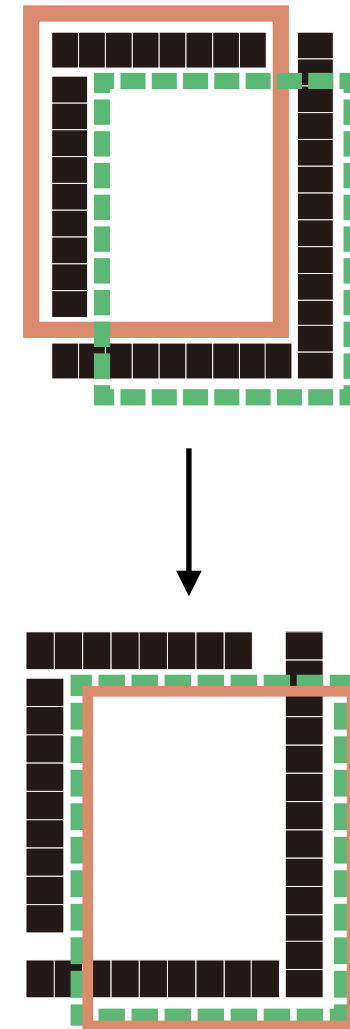


Sixth Floor Plan

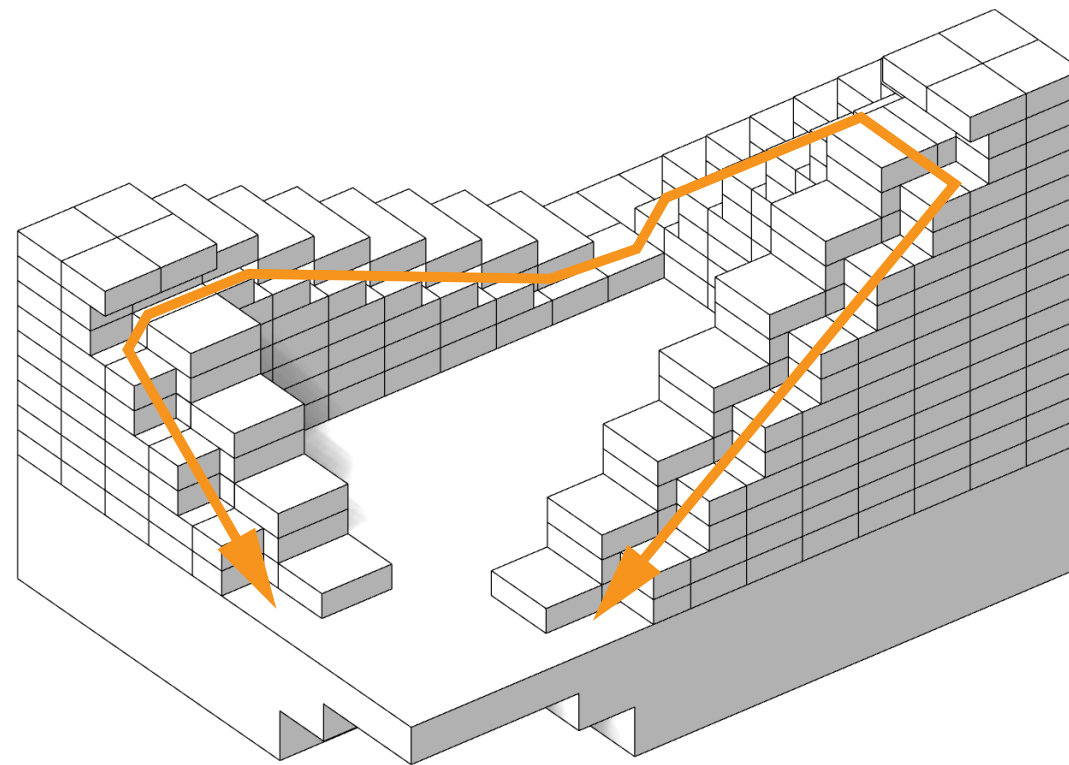




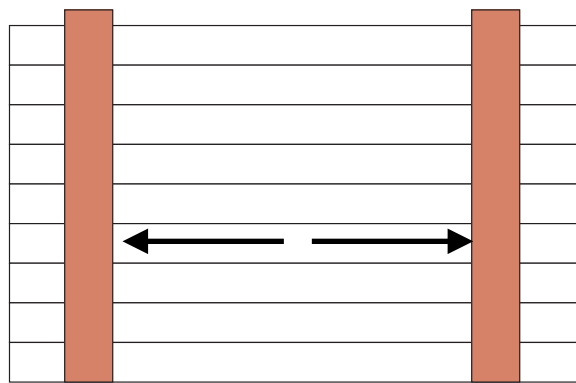
south



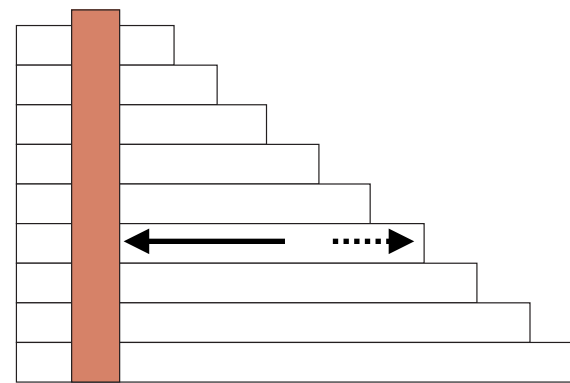
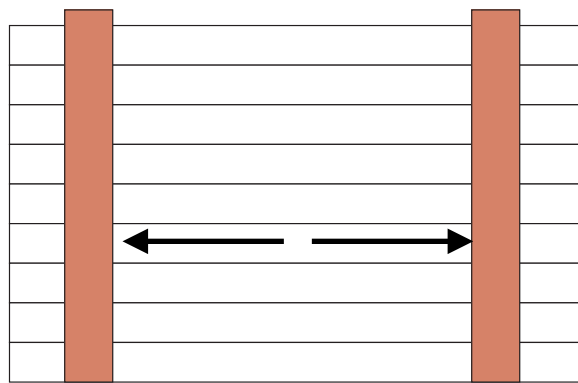




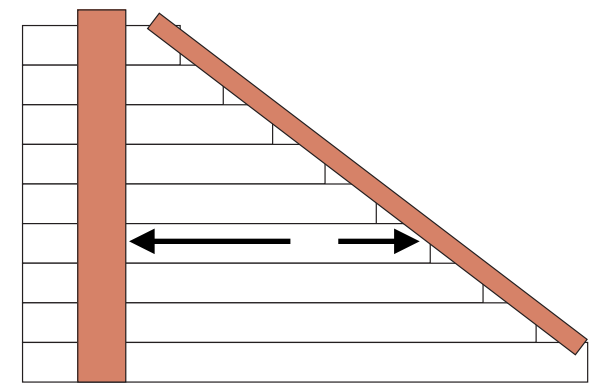
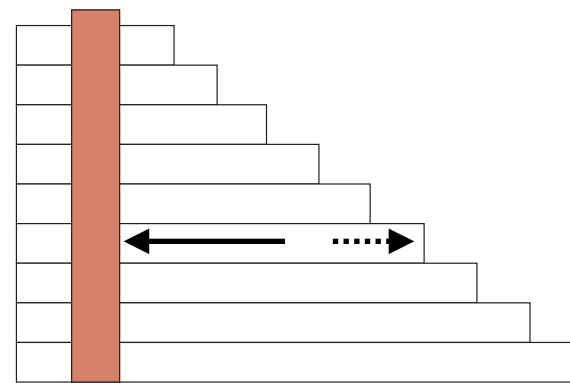
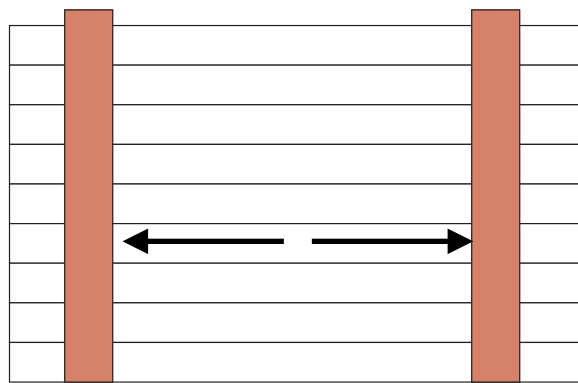
loop on the roof



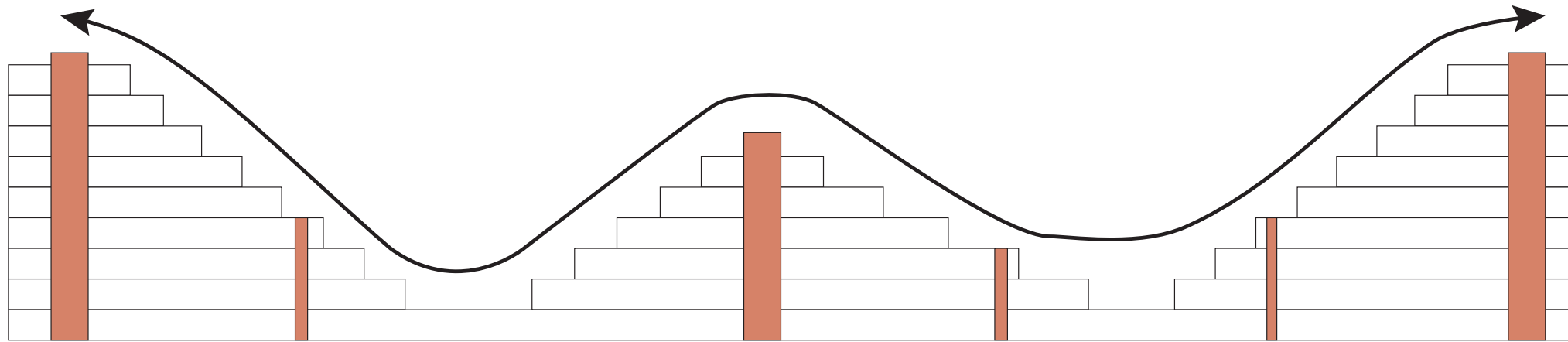
escape route in 'gallery housing'



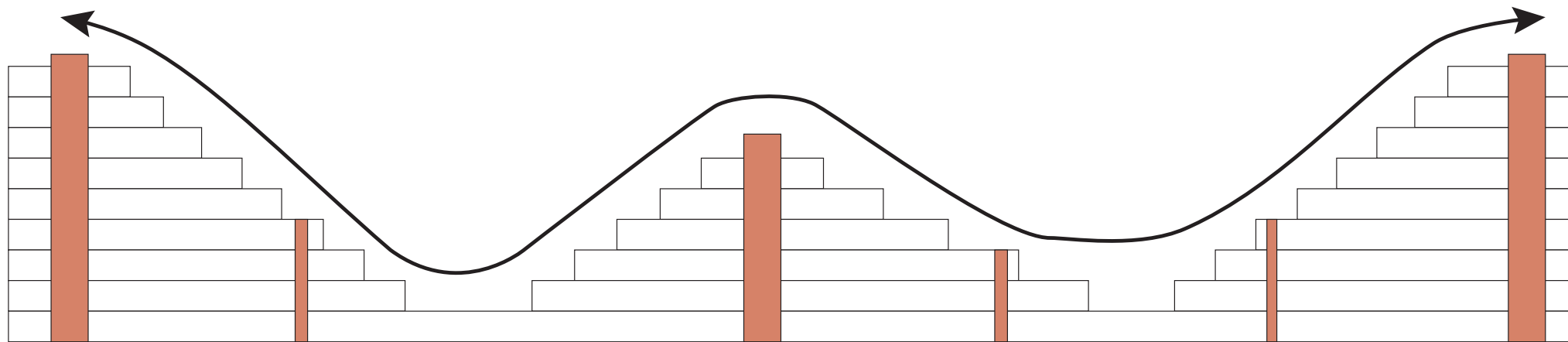
escape route in 'gallery housing'



escape route in 'gallery housing'



A 450m Wandering Route on the ROOF



courtyard

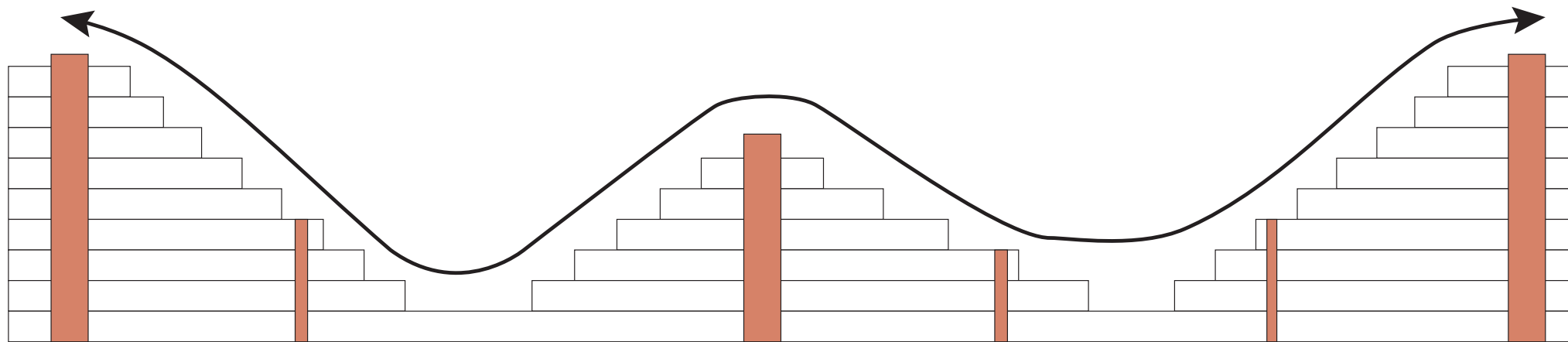


plaza



waterfront

A 450m Wandering Route on the ROOF



courtyard

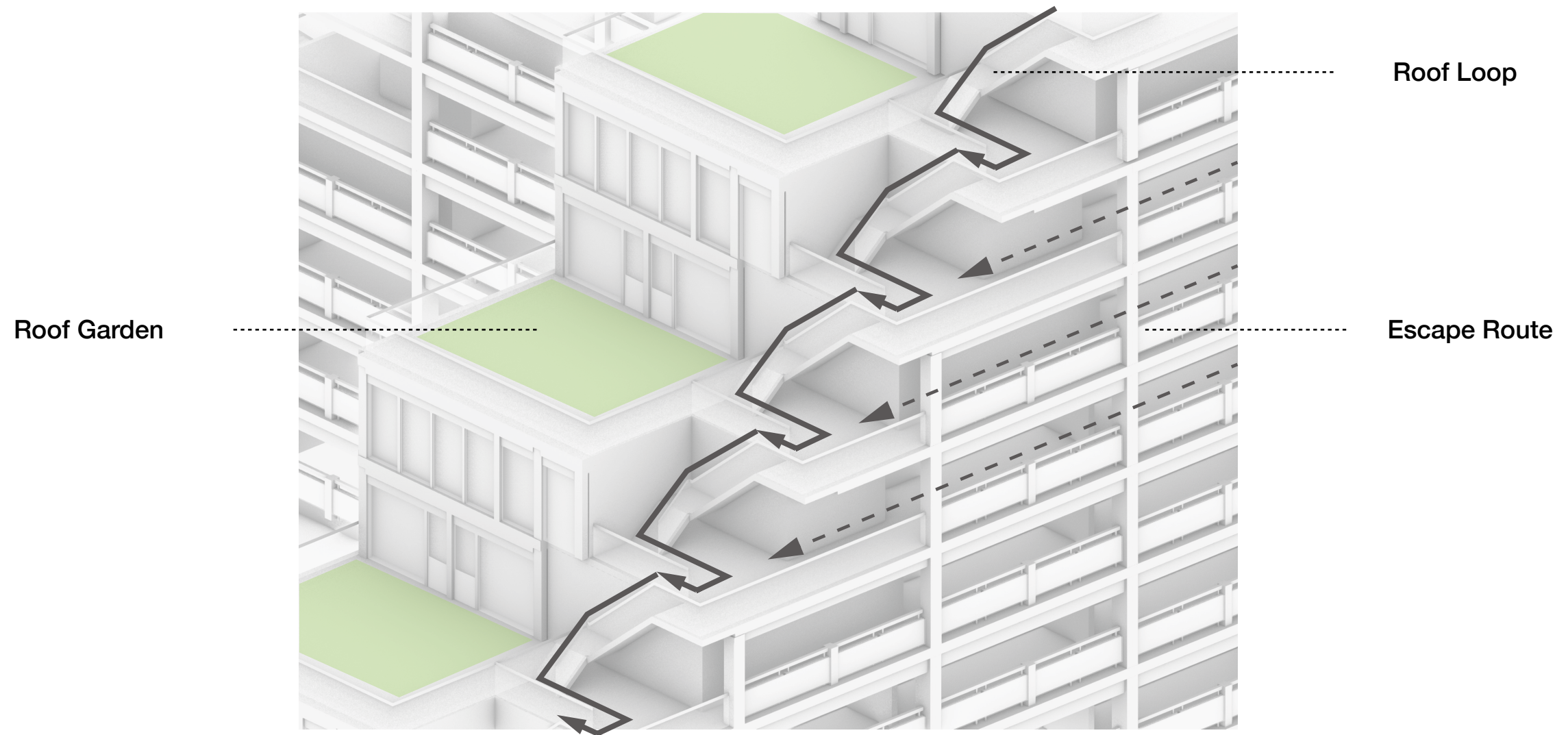


plaza

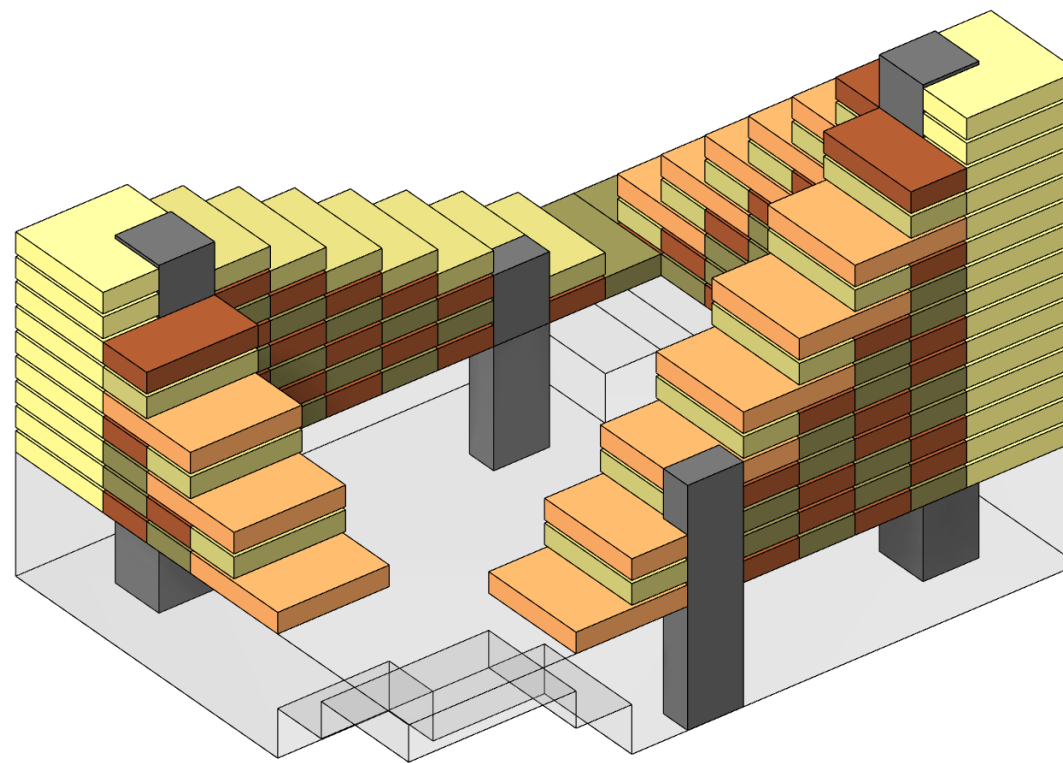


waterfront

A 450m Wandering Route on the ROOF



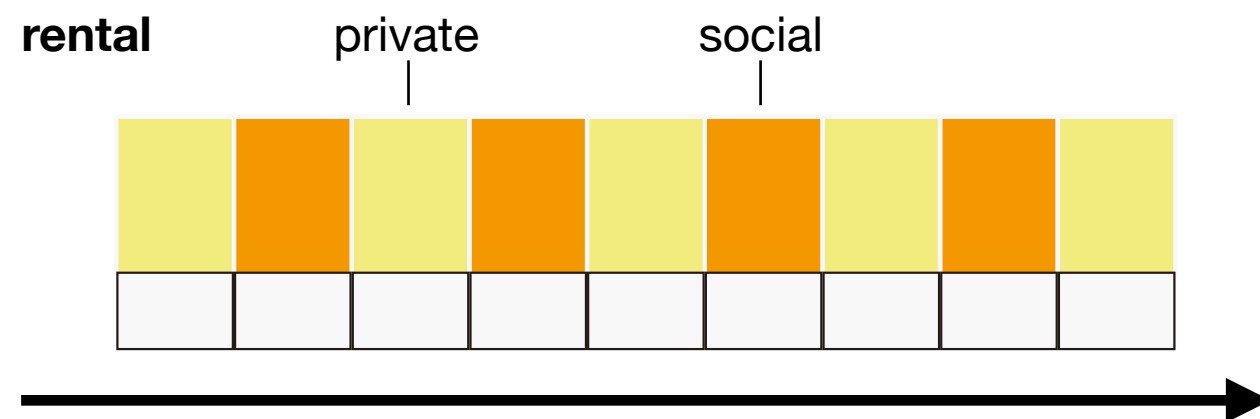




mixed ownership

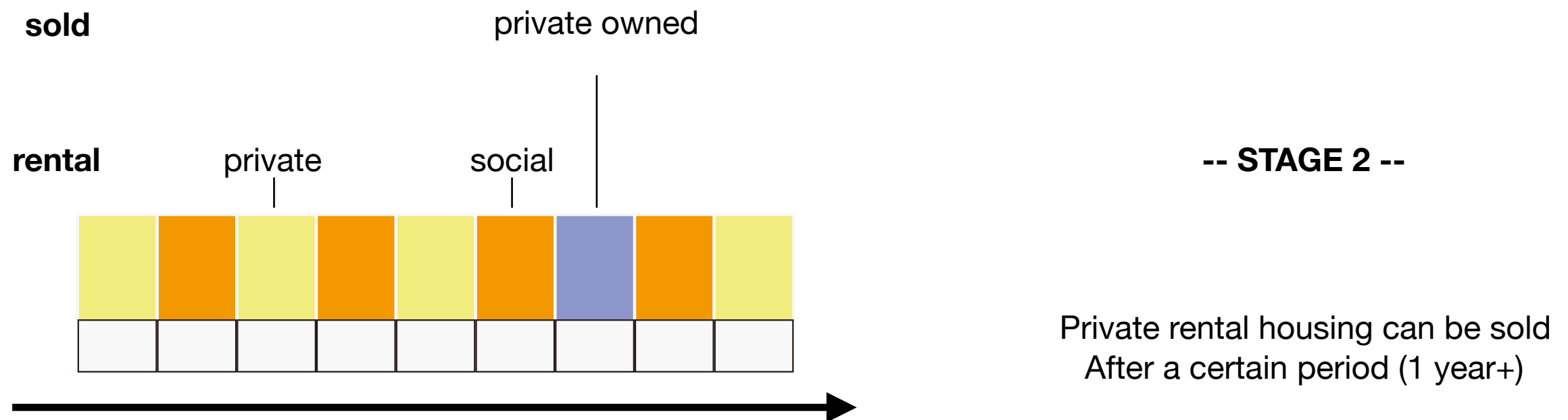
Mixed Ownership

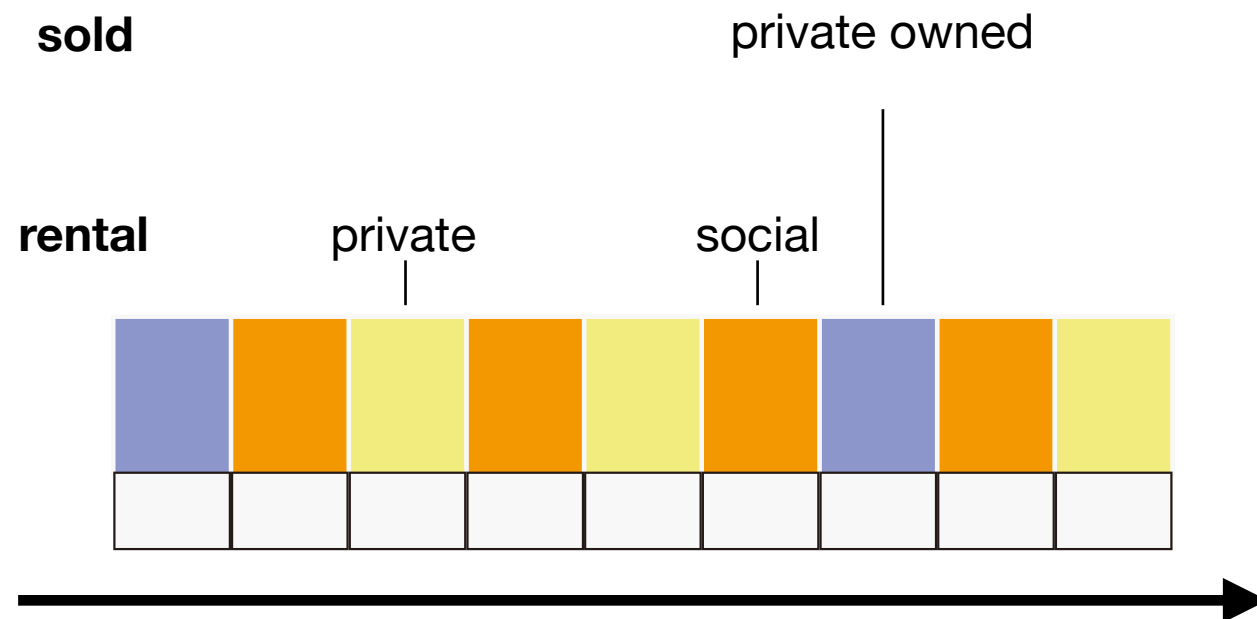
Housing Types



-- **STAGE 1** --

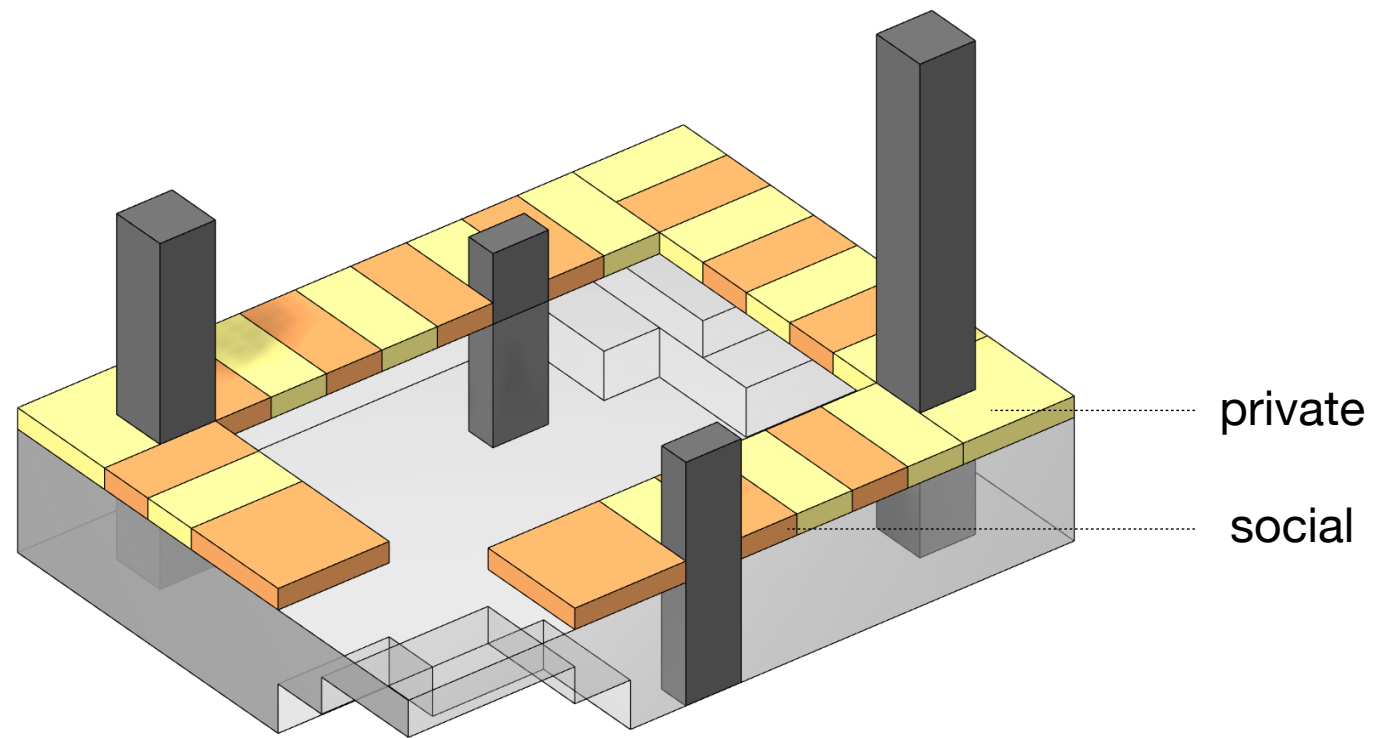
ALL rental
private/social sector
One by one





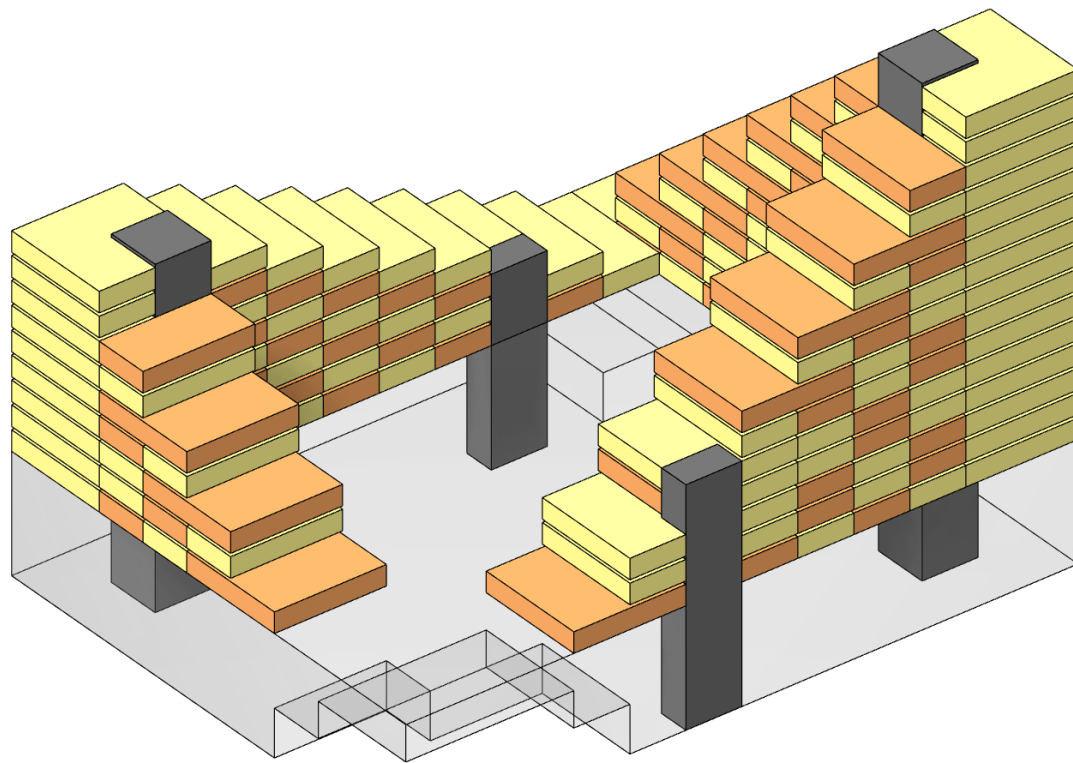
-- **STAGE 3** --
ideal

Balance of different ownership:
Social Housing (40%)
Private Rental (20%)
Private Owned (40%)



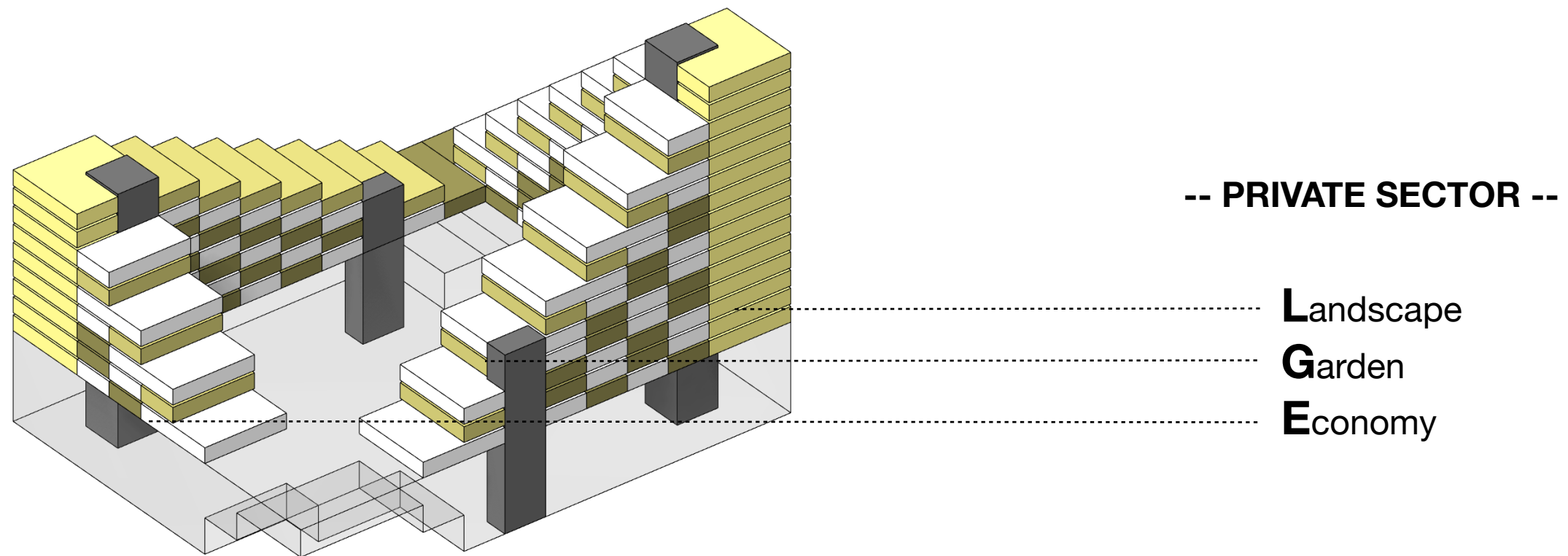
-- PRINCIPLE --

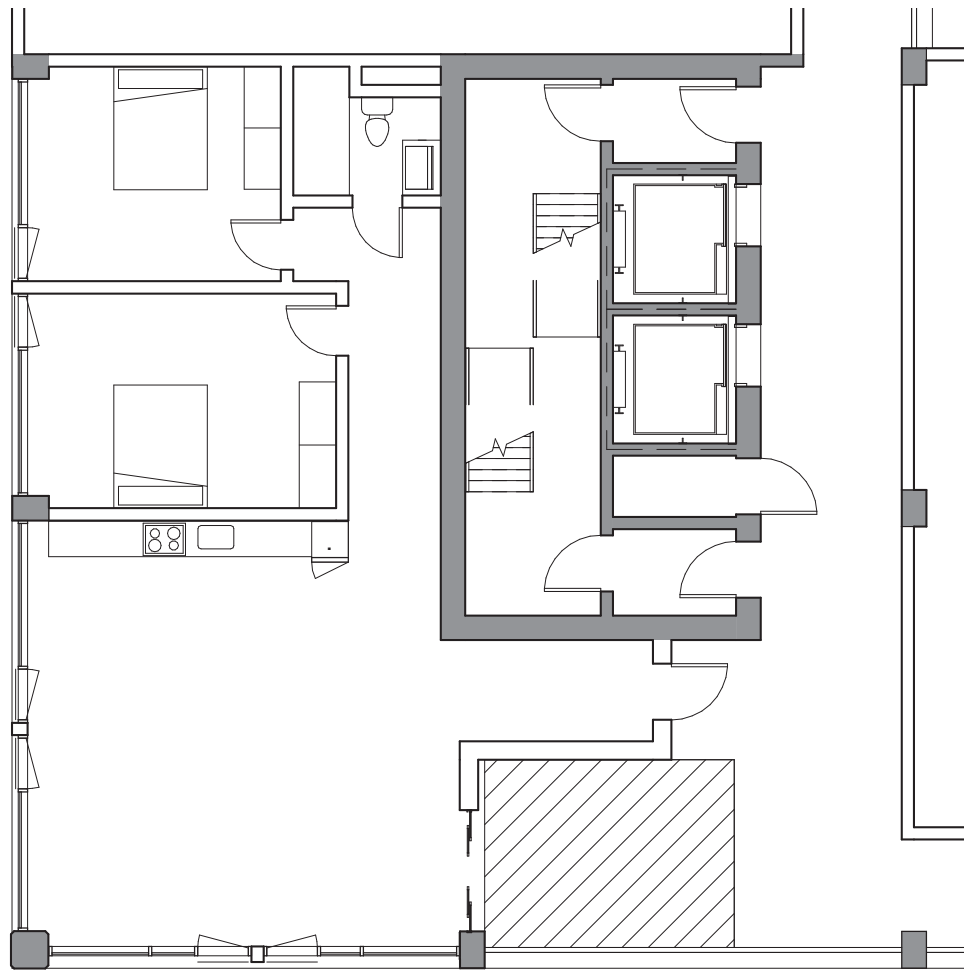
mixed ownership
one by one



-- PRINCIPLE --

one by one
private sector / social sector



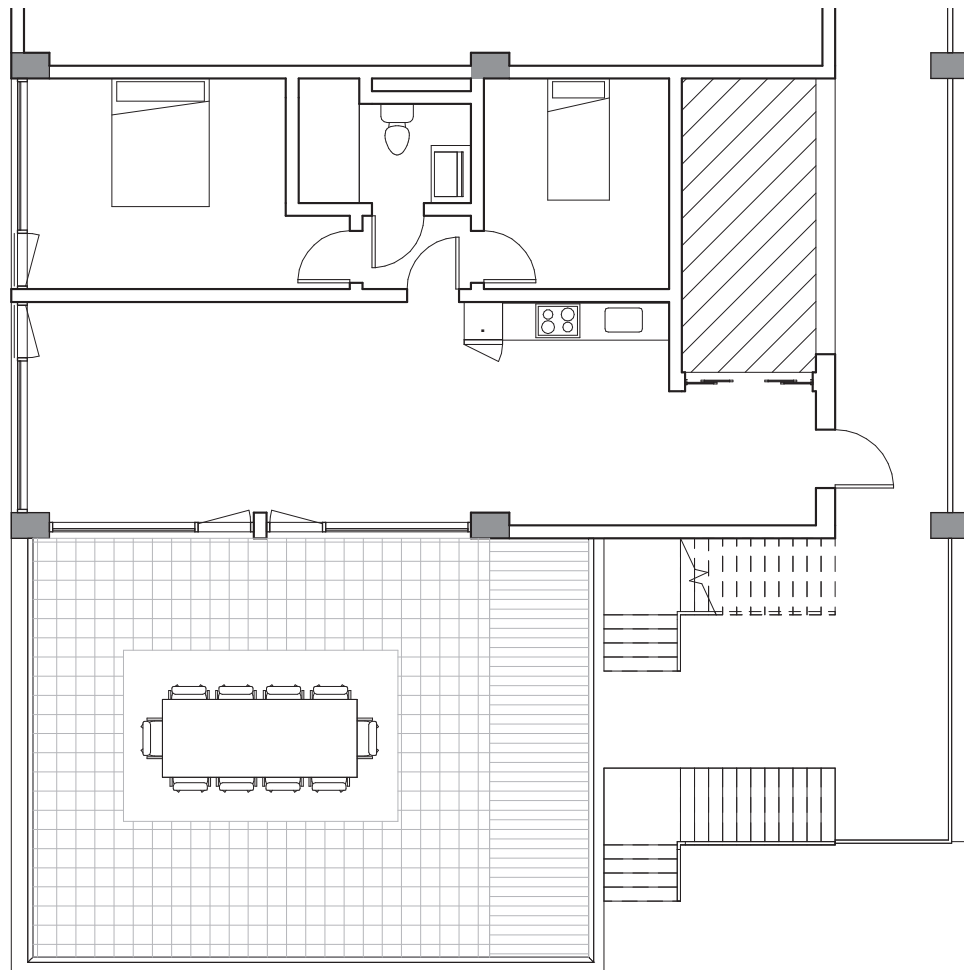


-- PRIVATE SECTOR --

Landscape

Garden

Economy

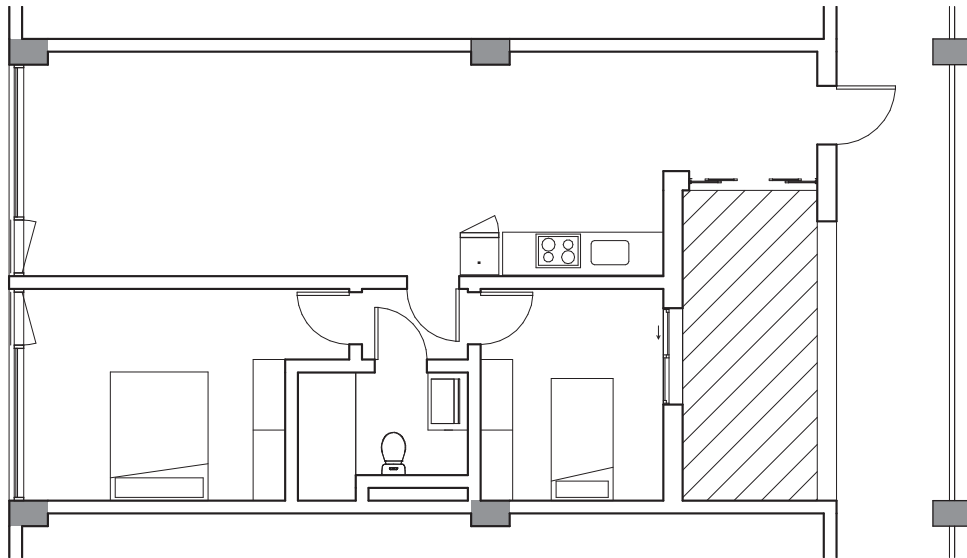


-- PRIVATE SECTOR --

Landscape

Garden

Economy

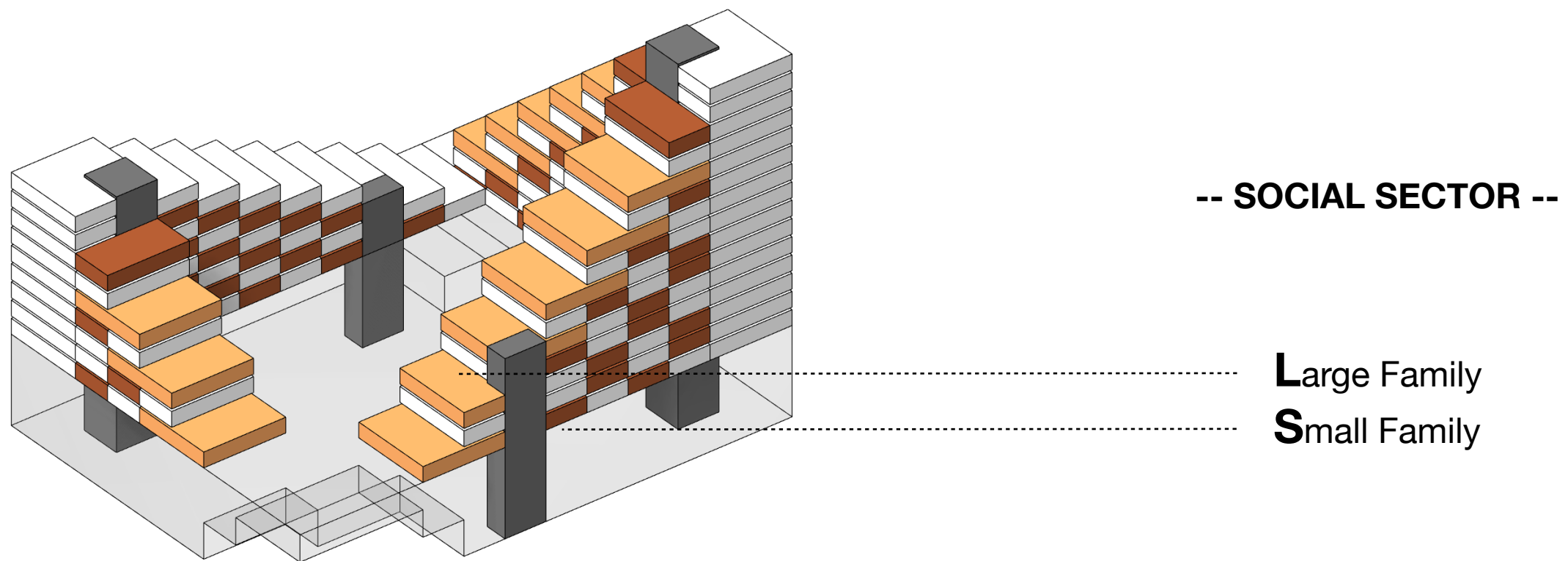


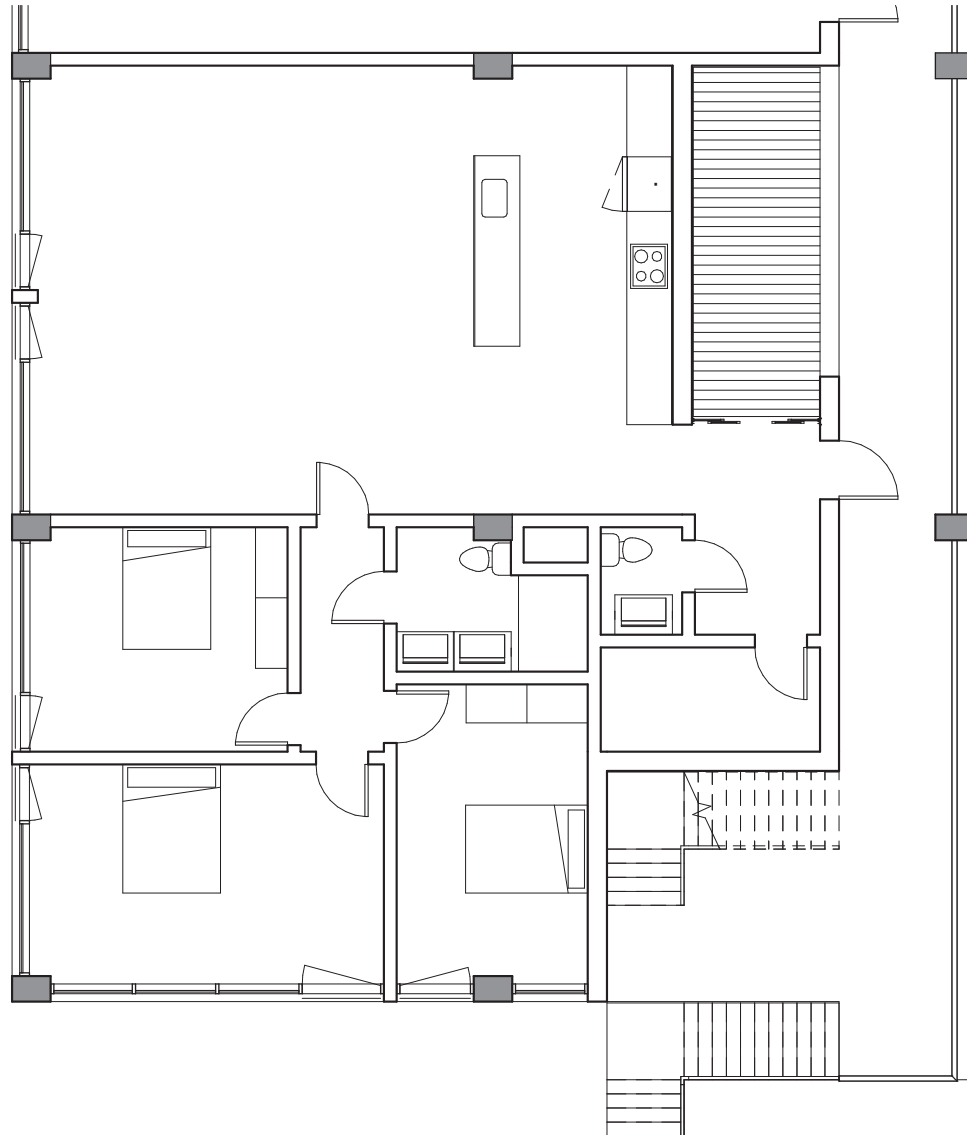
-- PRIVATE SECTOR --

Landscape

Garden

Economy

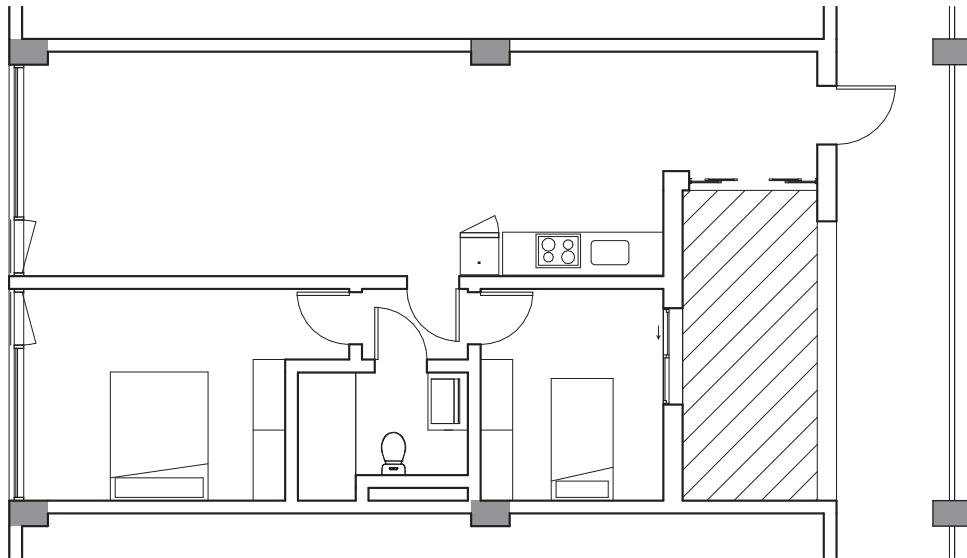




-- SOCIAL SECTOR --

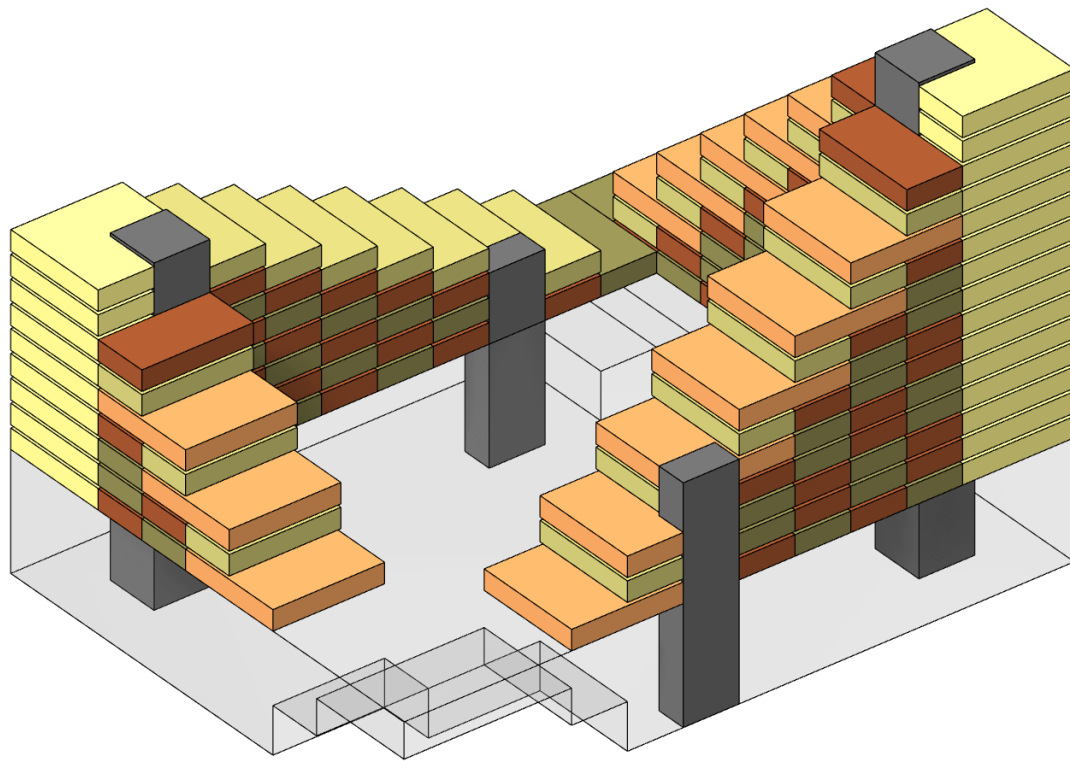
Large Family (3 beds)

Small Family

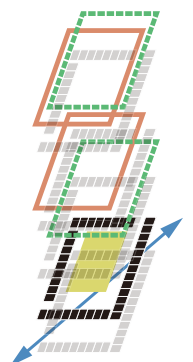
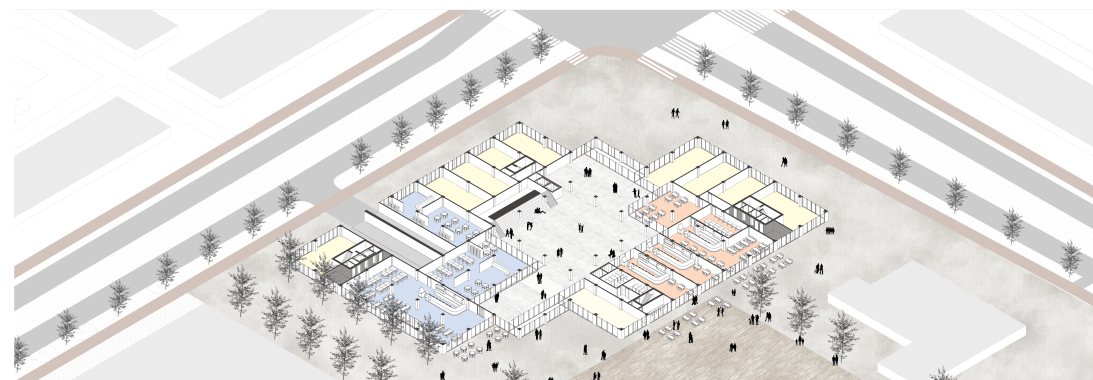
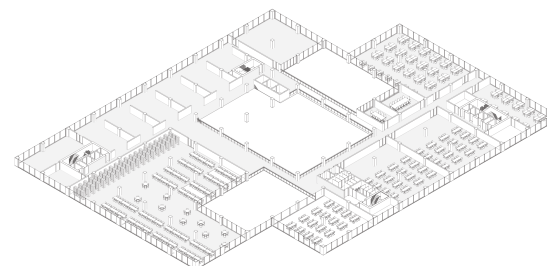
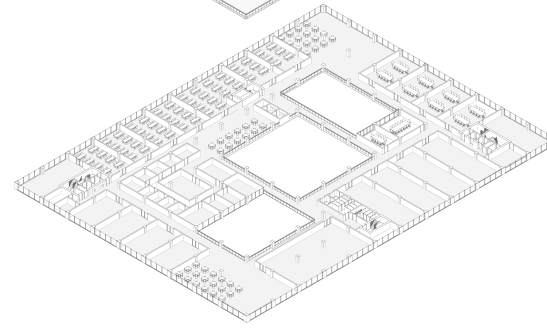
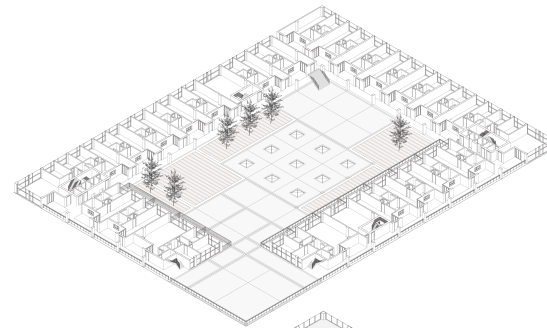
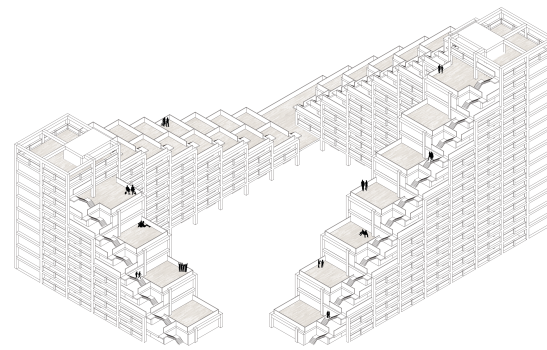


-- SOCIAL SECTOR --

Large Family
Small Family (2 beds)



-- MIX IN ONE --



Program Assignment

112/132

Housing

Communal Space

Youth
Center

Core

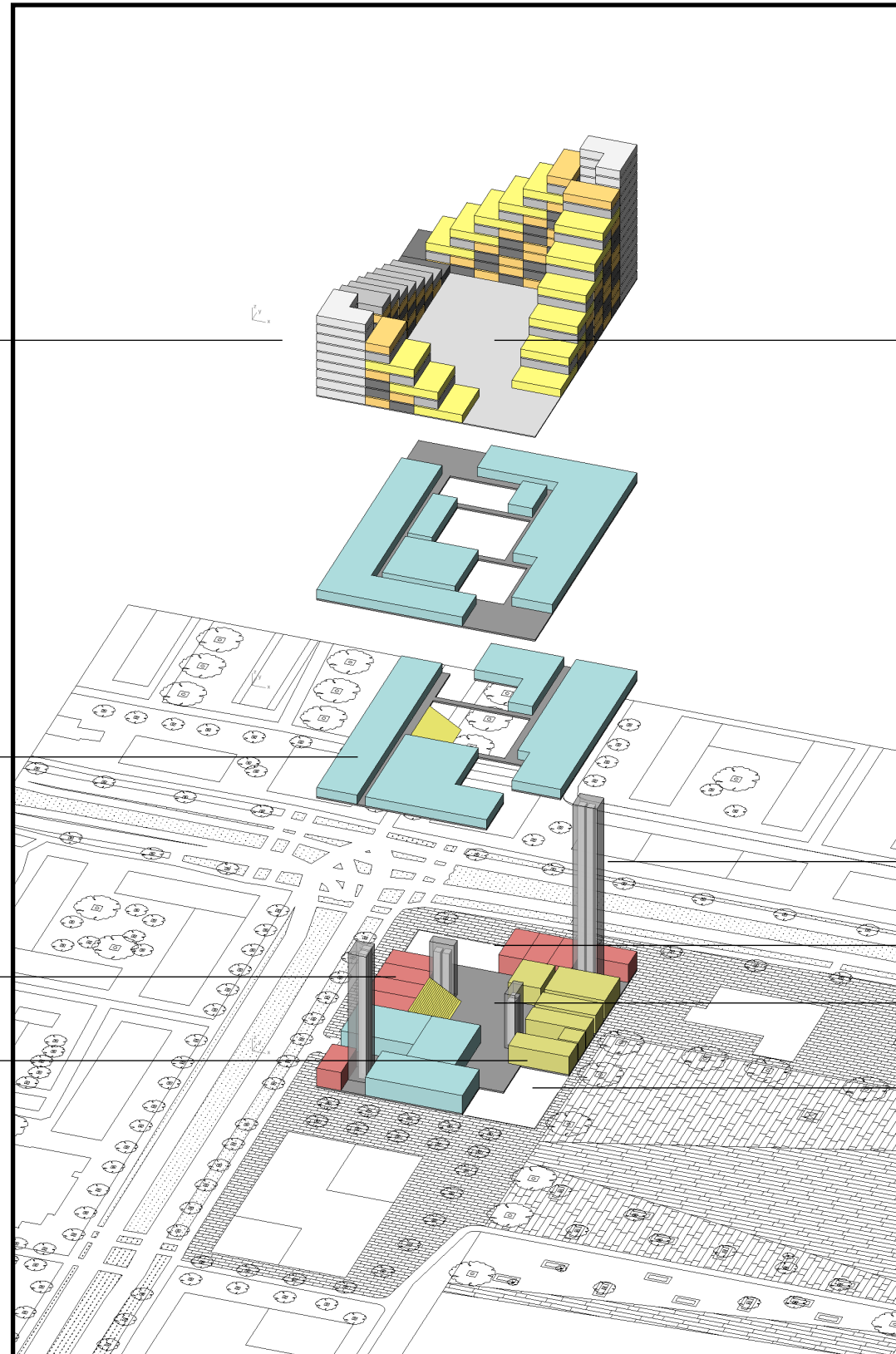
Retails

Entrance from corner

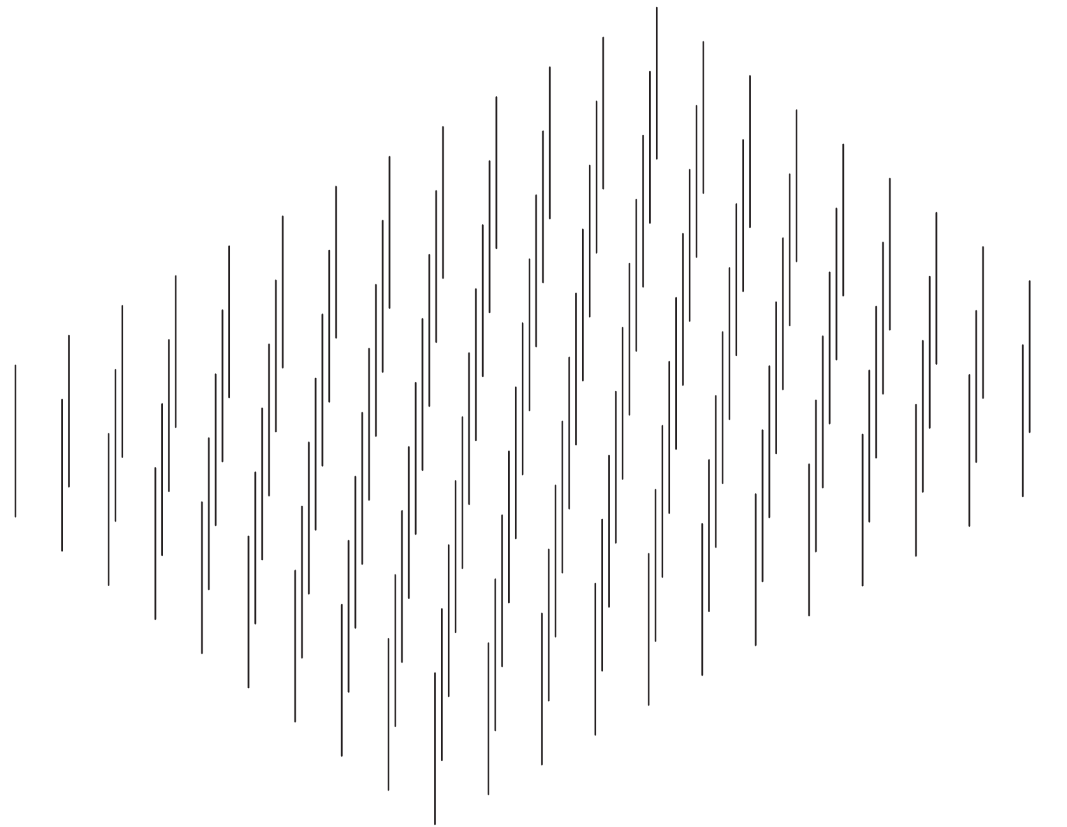
F&B

Main Hall

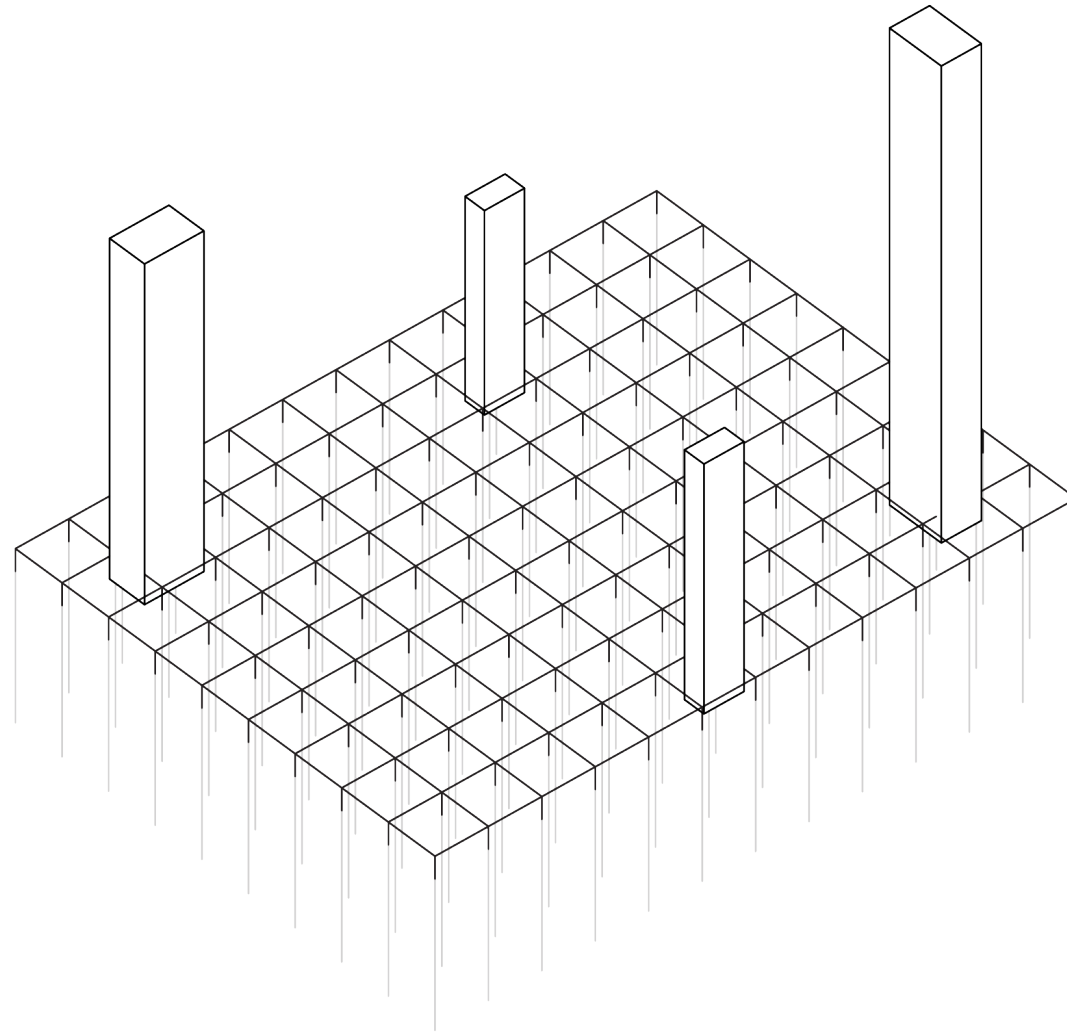
Entrance from water



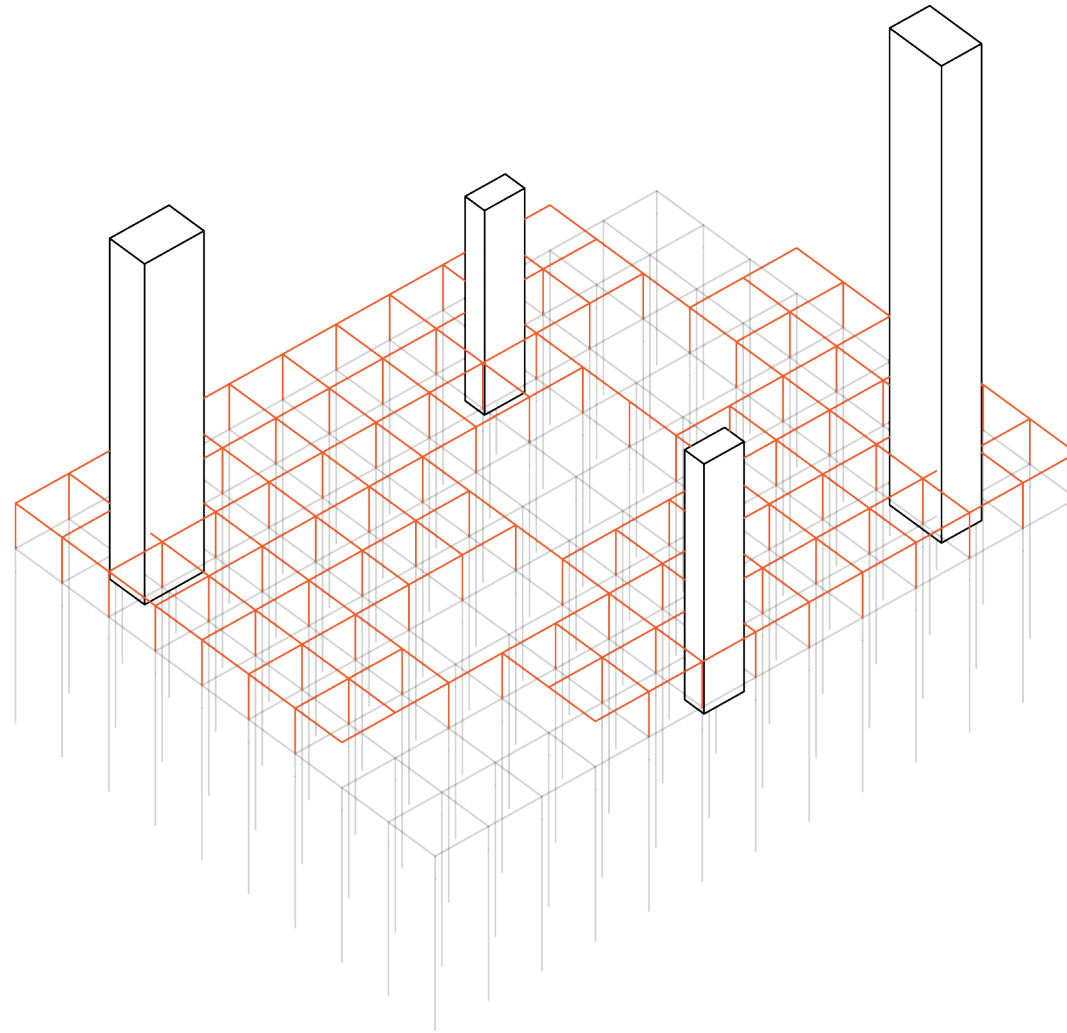
- Main Structure System
- Daylight
- Energy Transportation
- Air/Water Transportation
- Facade Maintenance



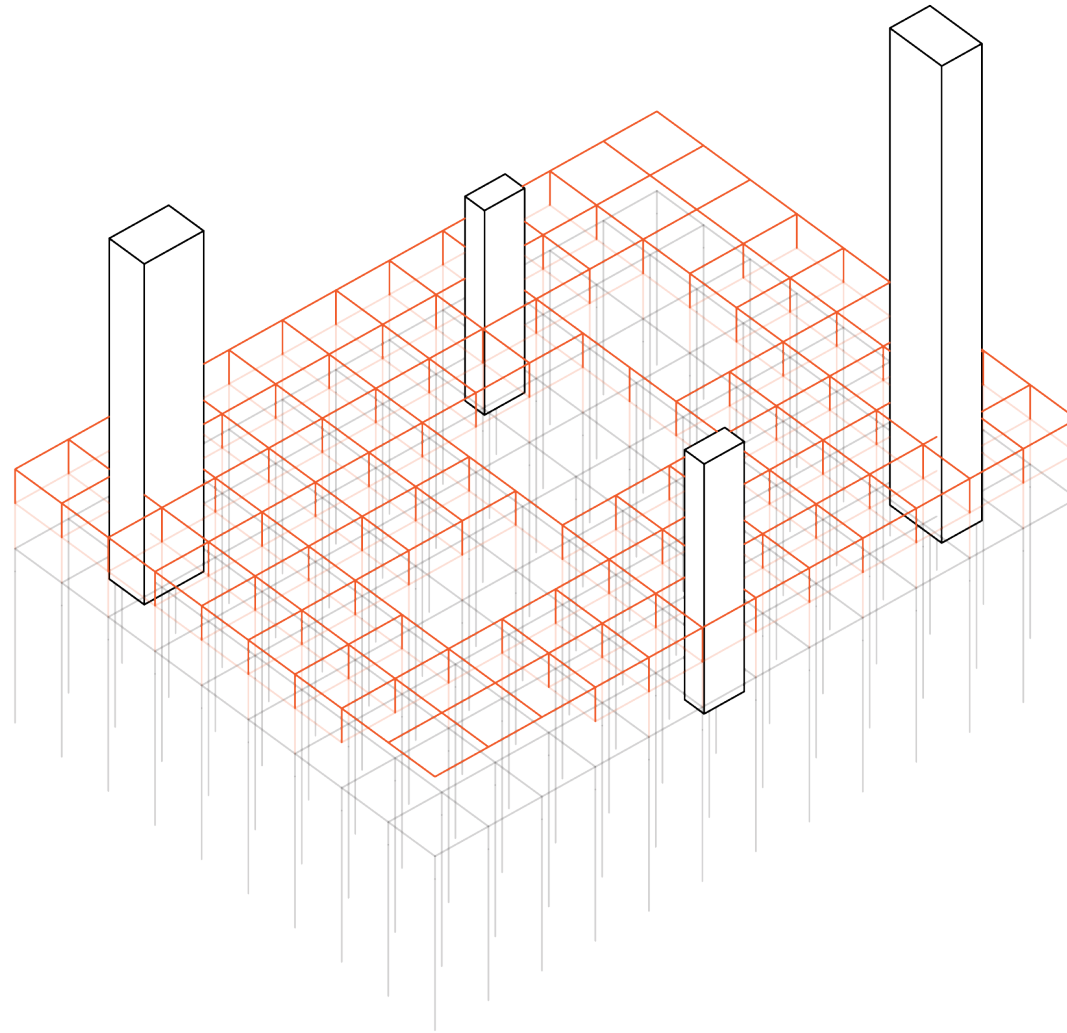
Foundation - Poles to the Sand Level (20m under the ground)



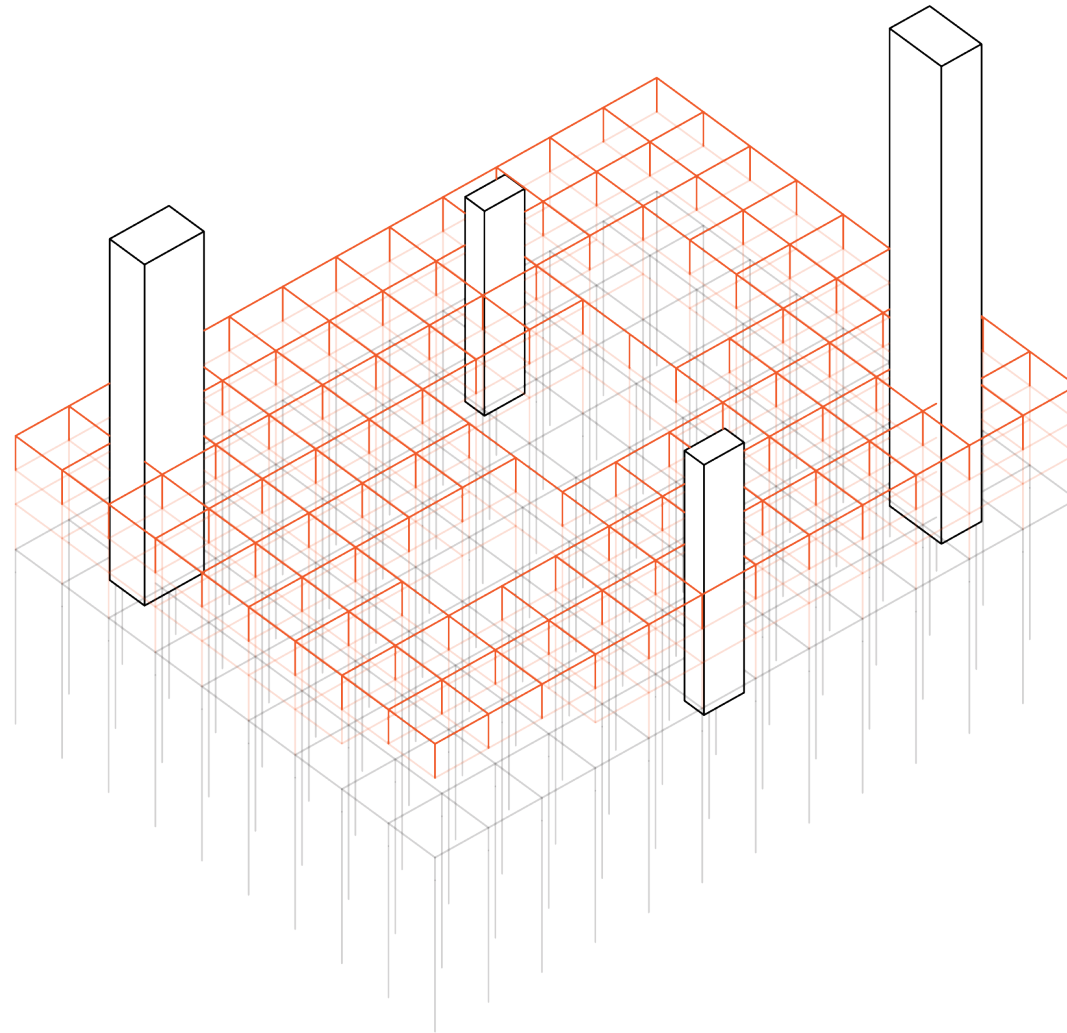
Basement - concrete frame and cores



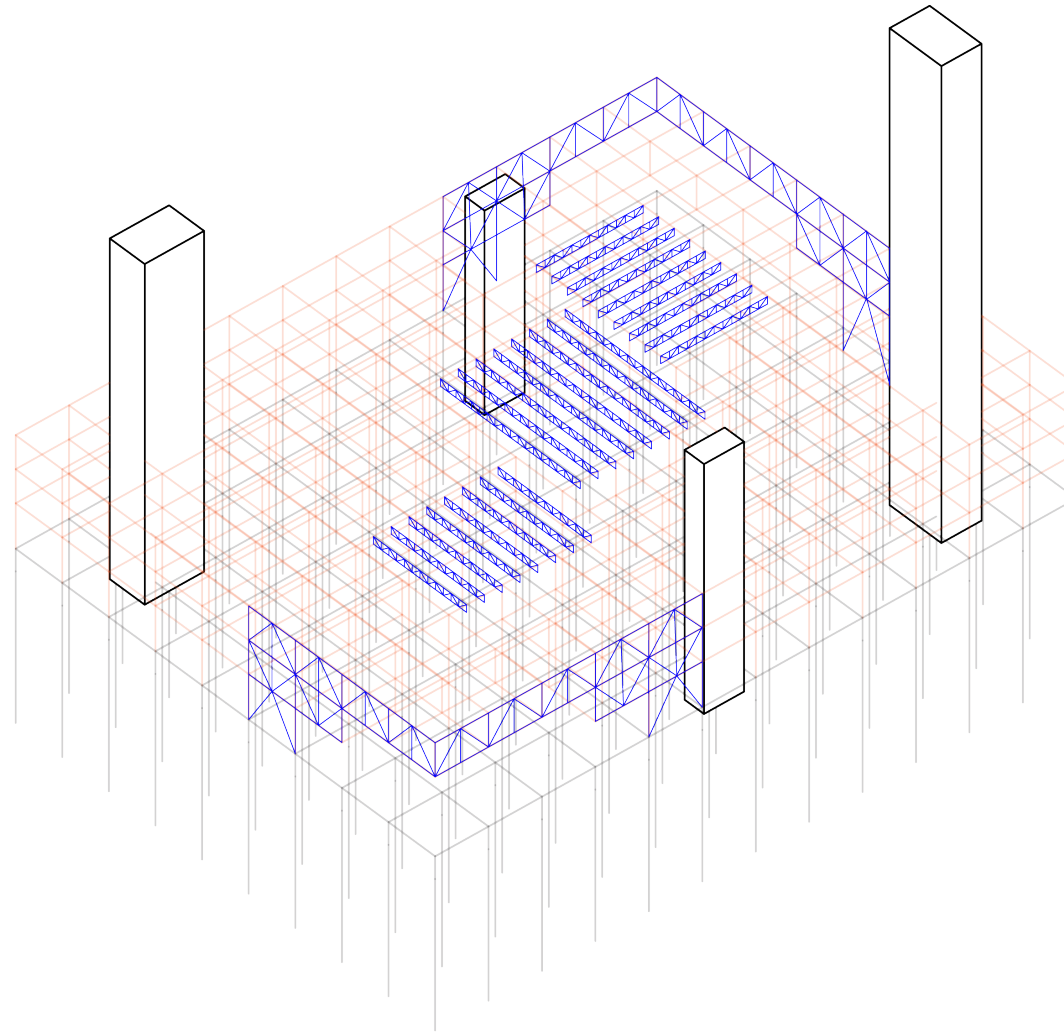
Timber Frame - Ground Floor



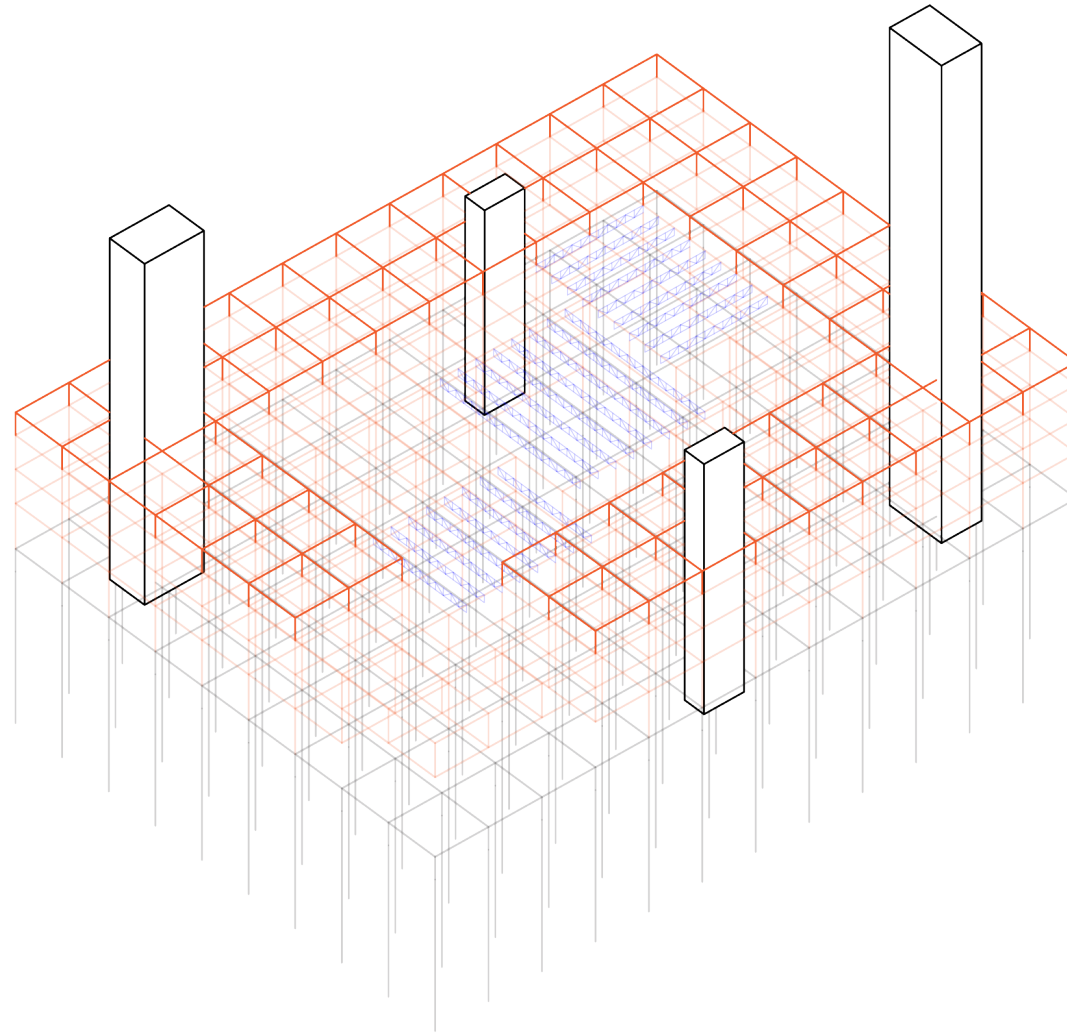
Timber Frame - First Floor



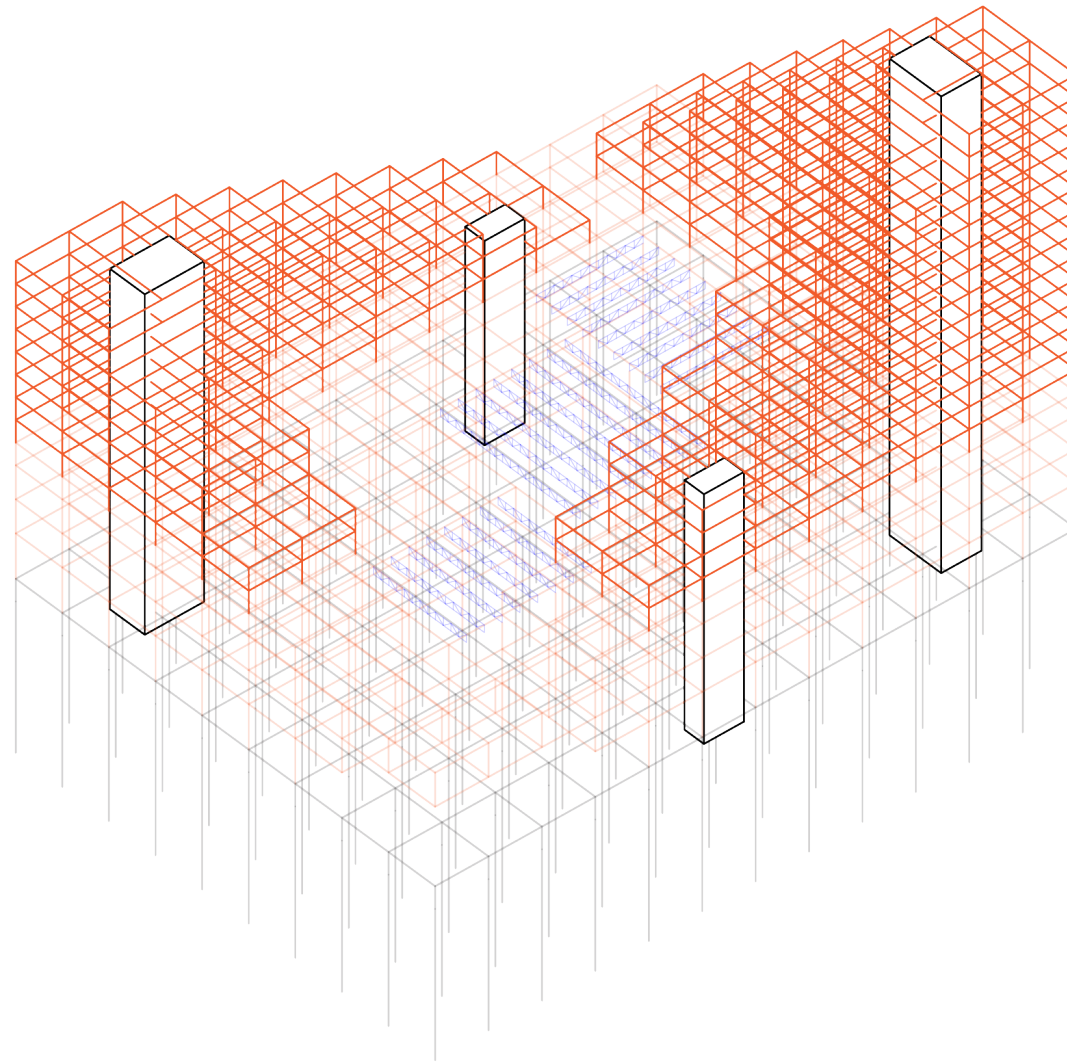
Timber Frame - Second Floor



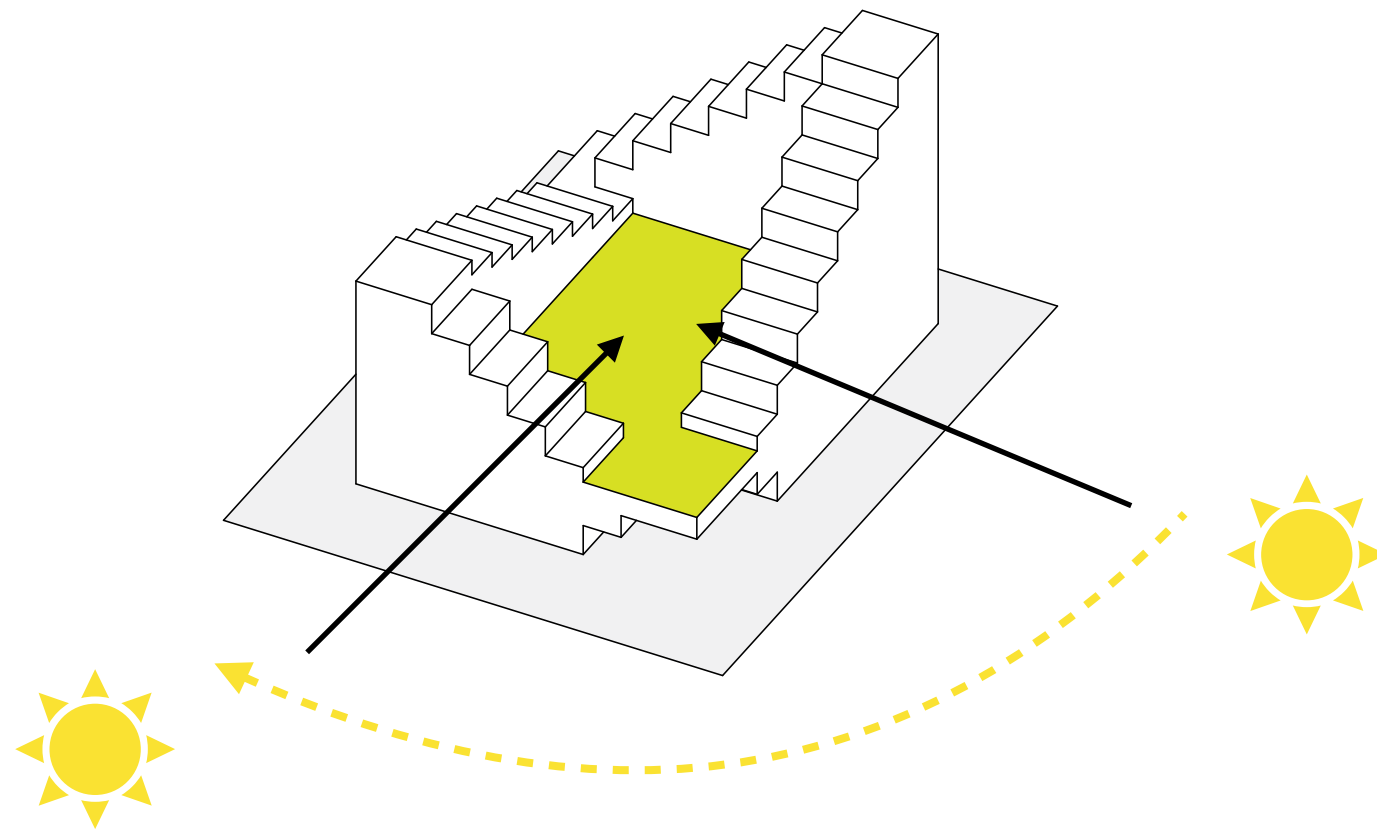
Steel Truss (cantilever / max span-21.6m)

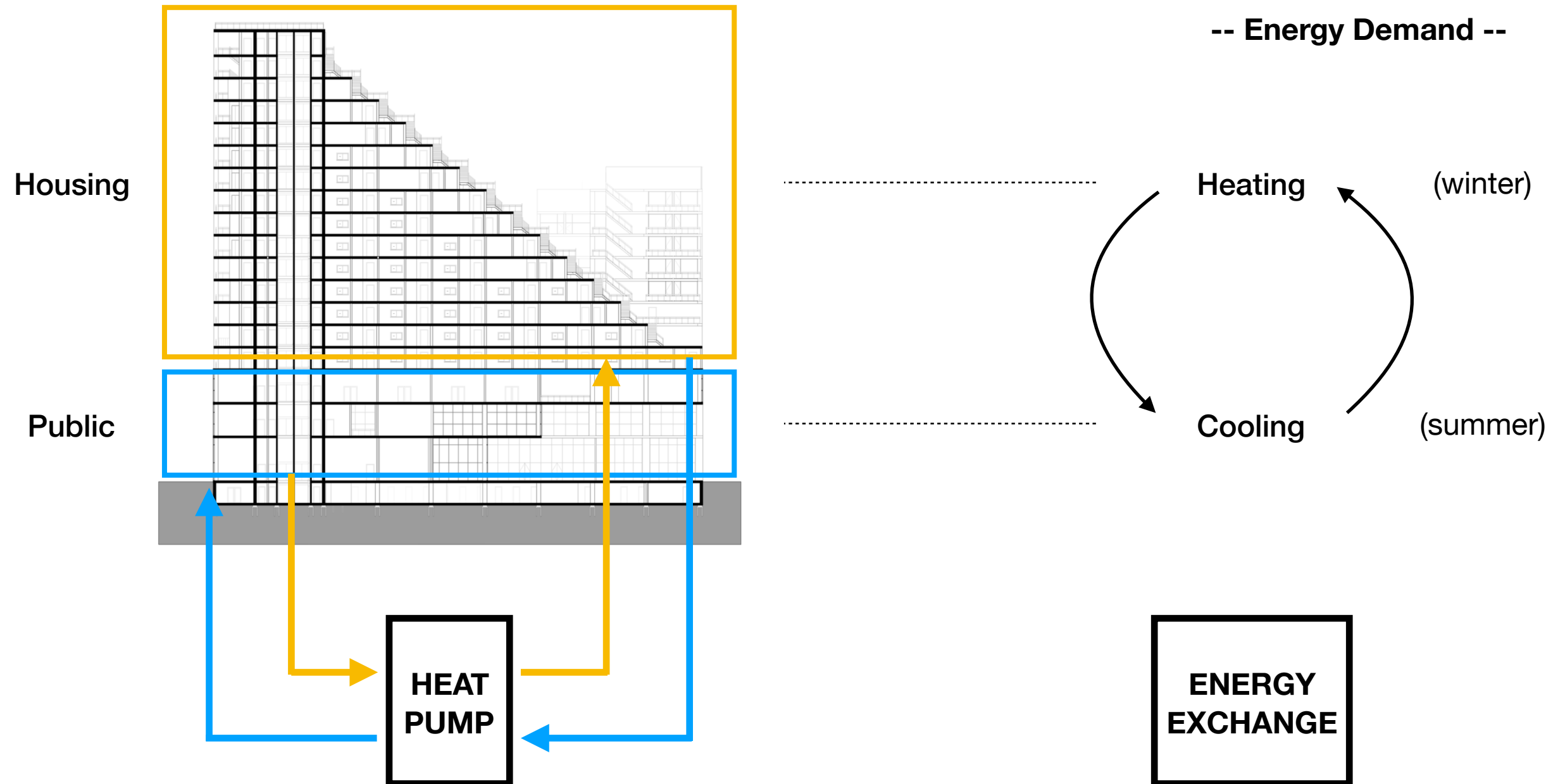


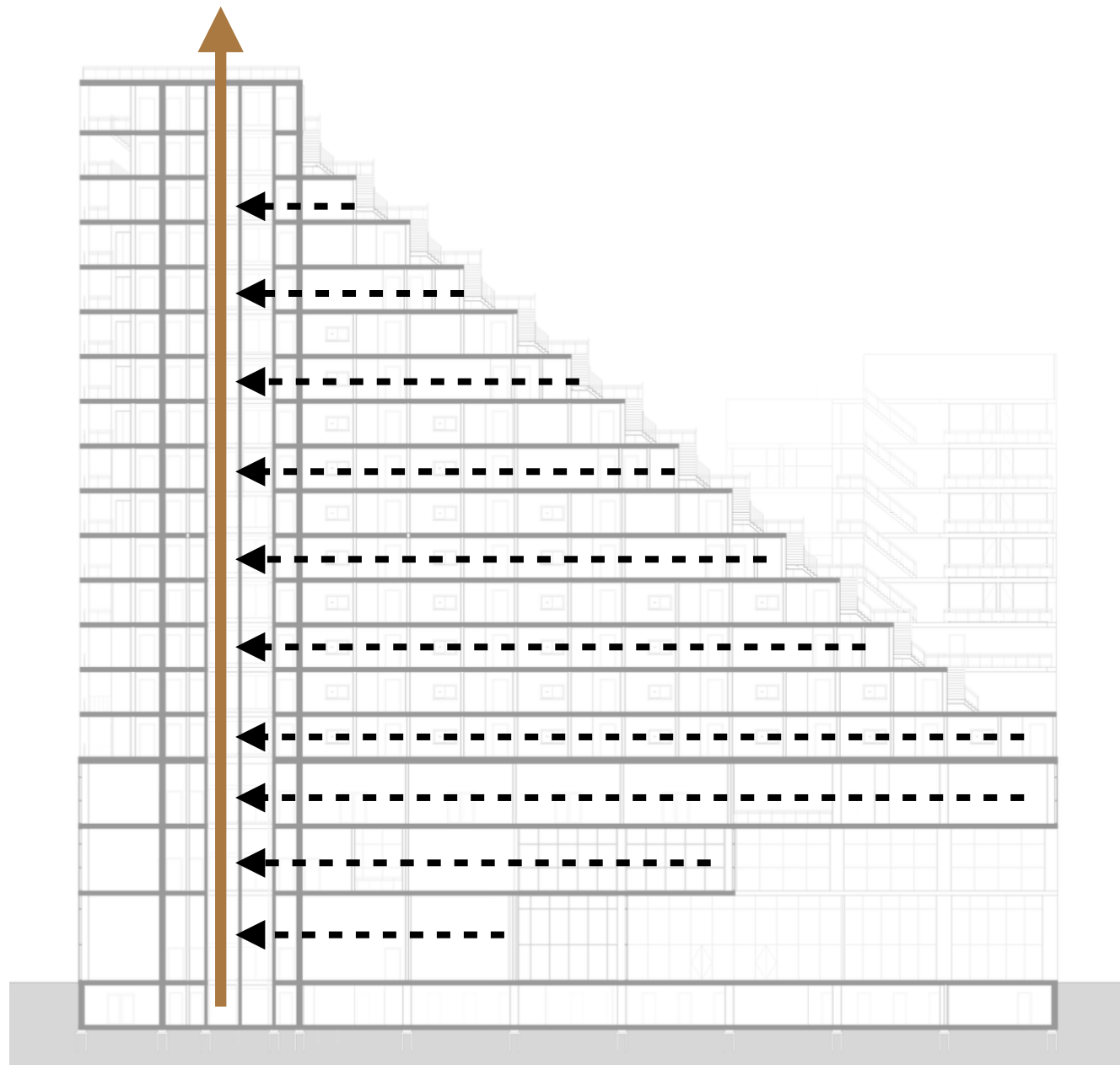
Timber Frame - Third Floor (Housing)



Timber Frame - Upper Floors (Housing)



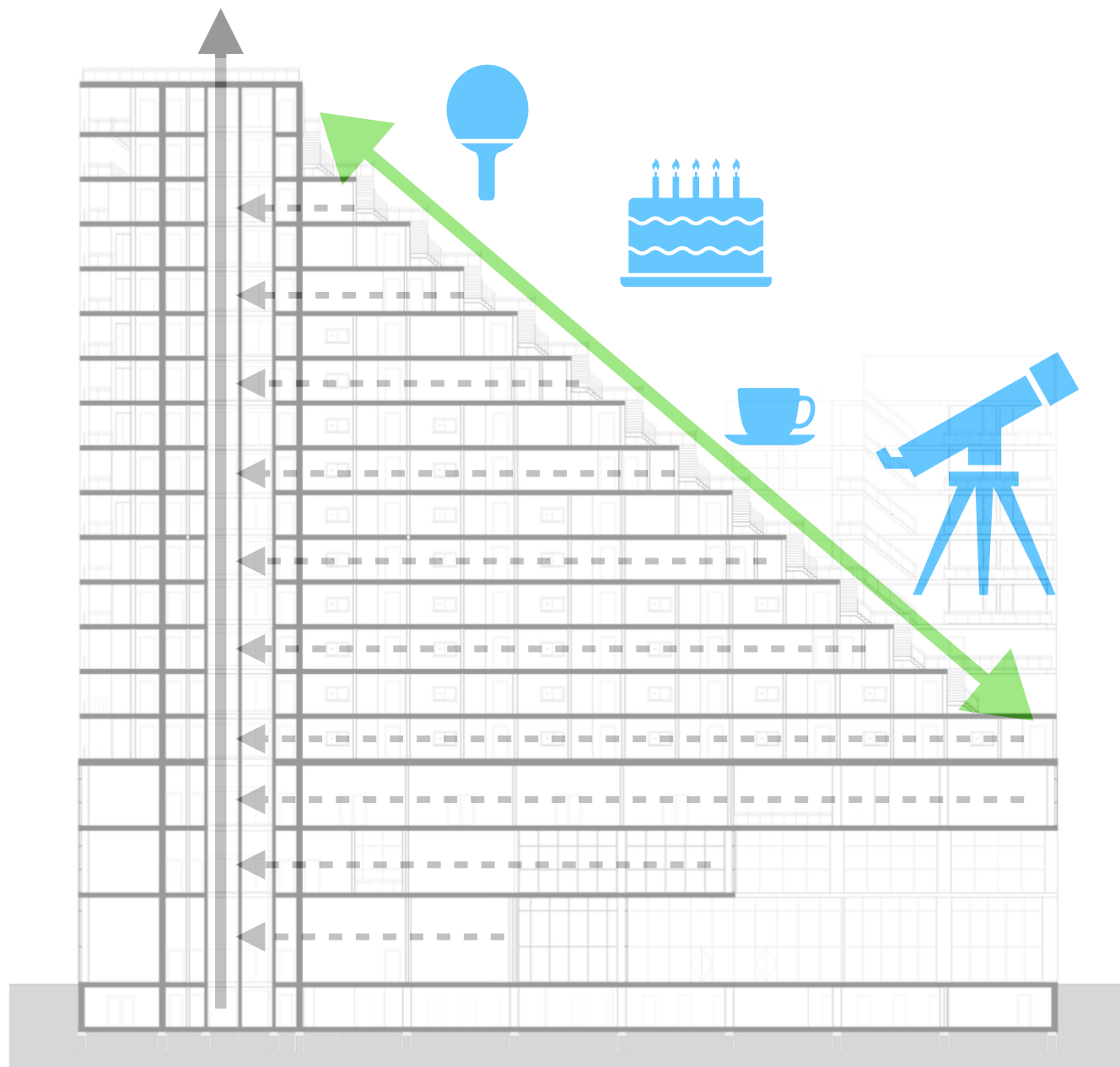




-- (polluted) AIR UP—

Step 1: Horizontal transport

Step 2: Vertical transport

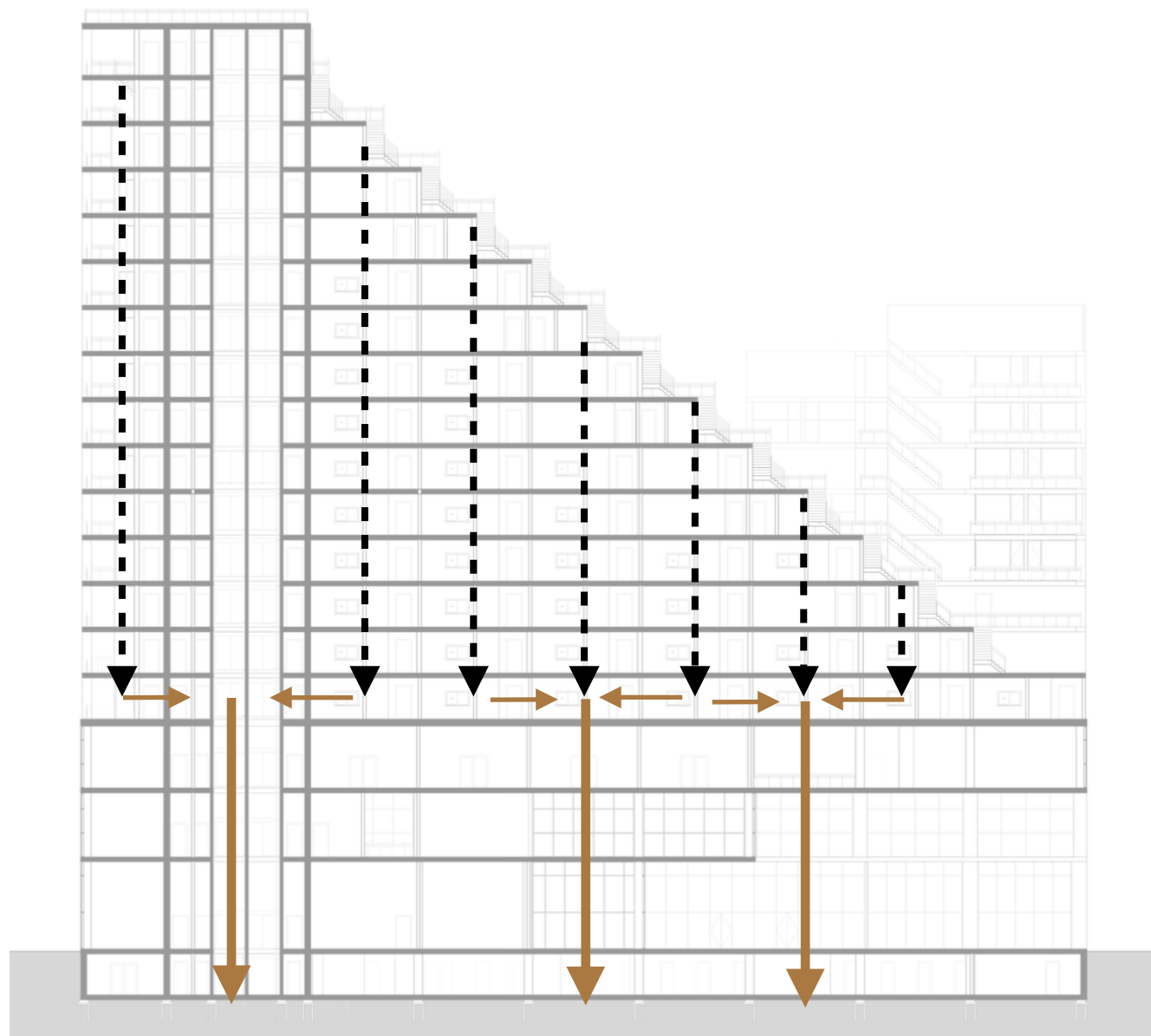


-- (polluted) AIR UP--

Step 1: Horizontal transport

Step 2: Vertical transport

Consequence: **FREE** roof garden

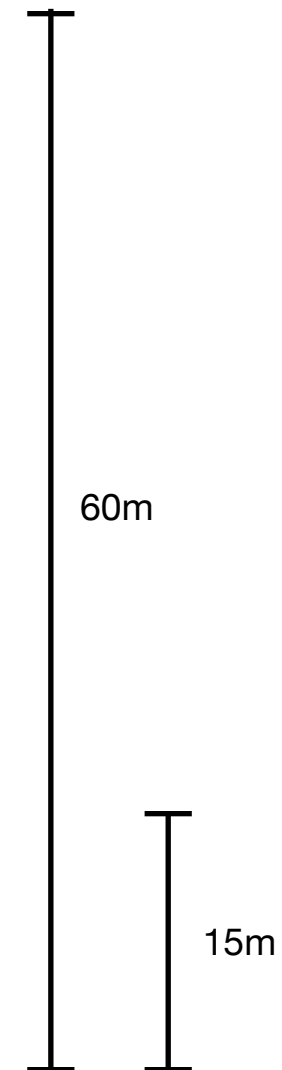
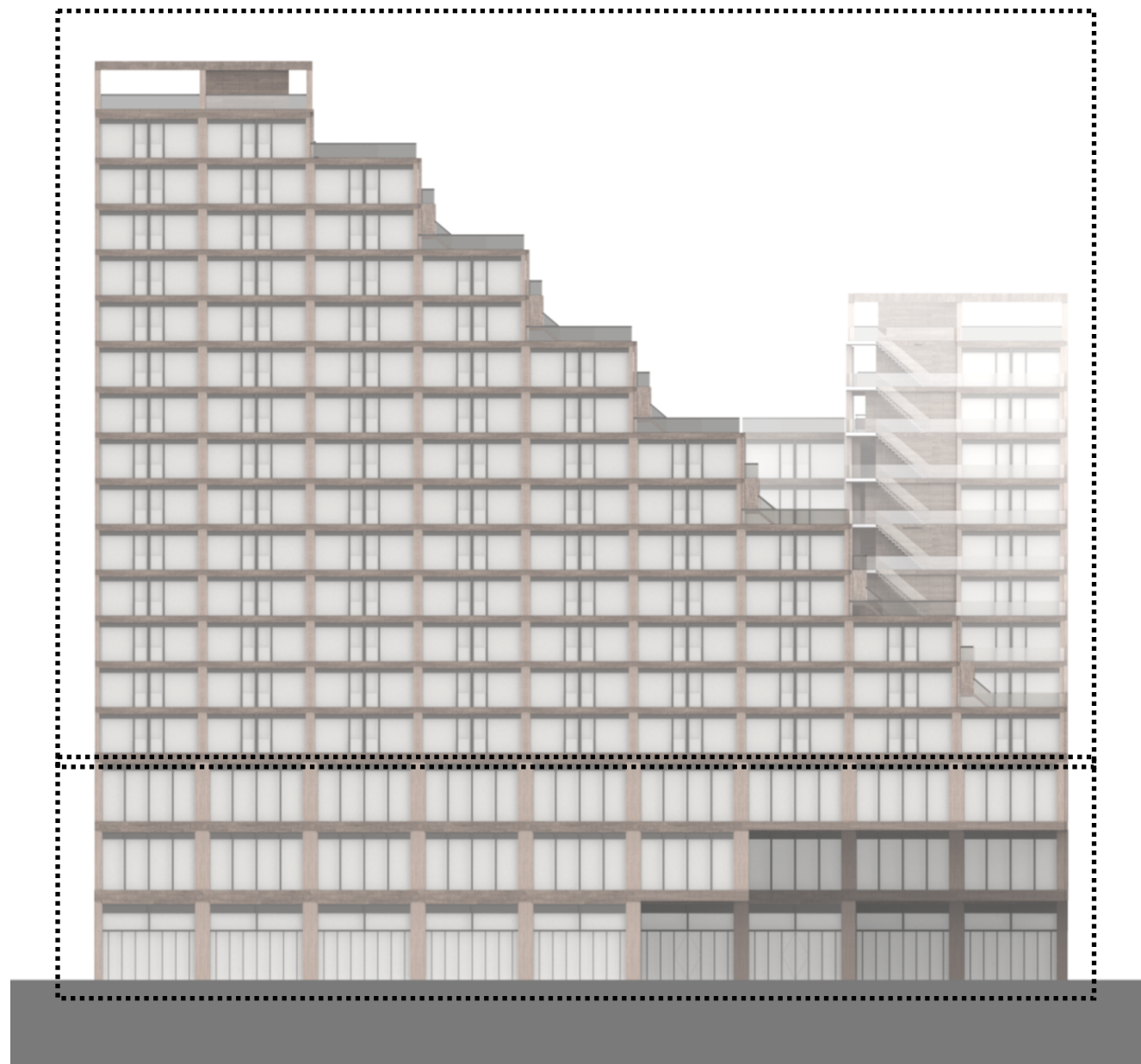


-- (polluted) WATER DOWN—

Step 1: Vertical transport

Step 2: Horizontal transport (gather)

Step 3: Vertical transport

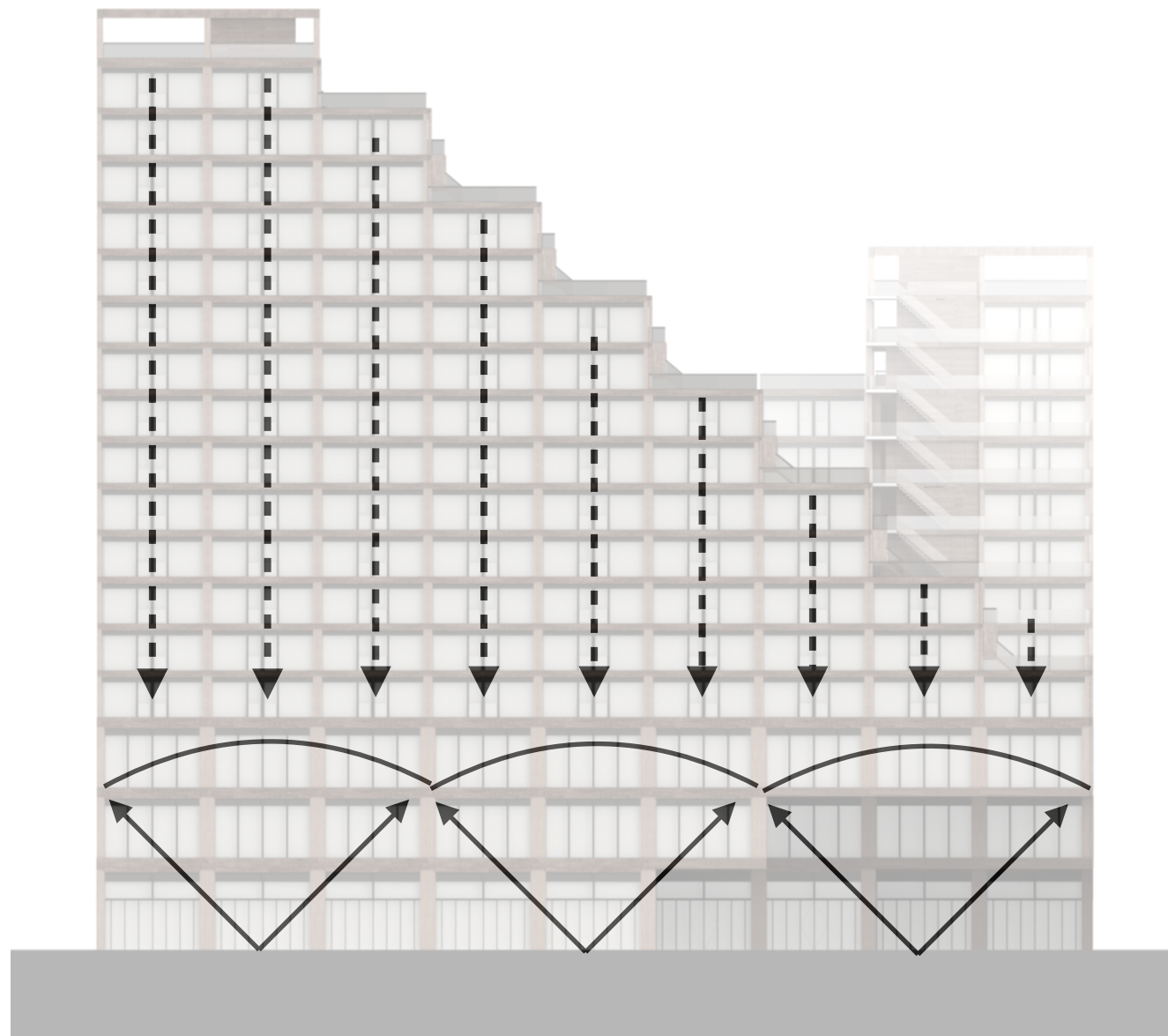


— Facade Maintenance —

Difference:
Height/Function

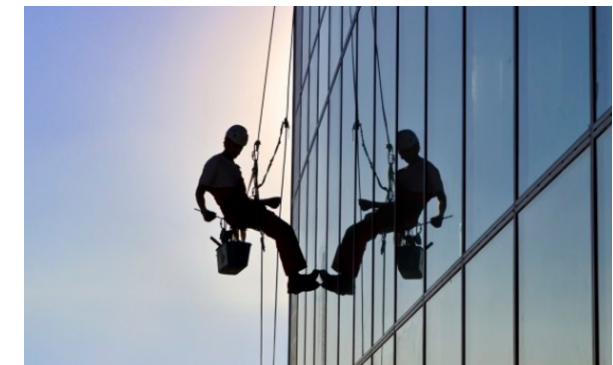


Solution:
Different
Cycle/Method

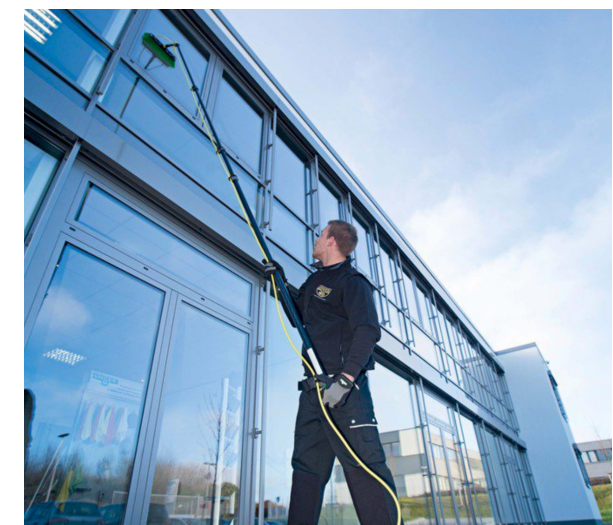


60m

15m

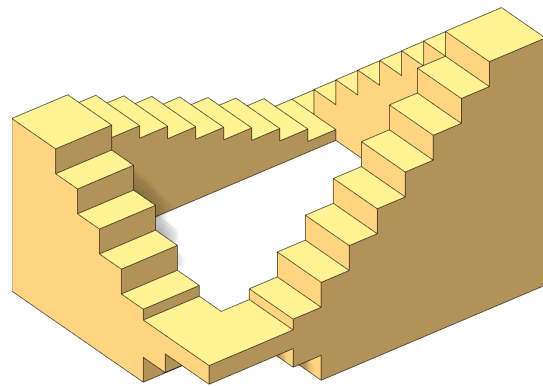


Spider Man

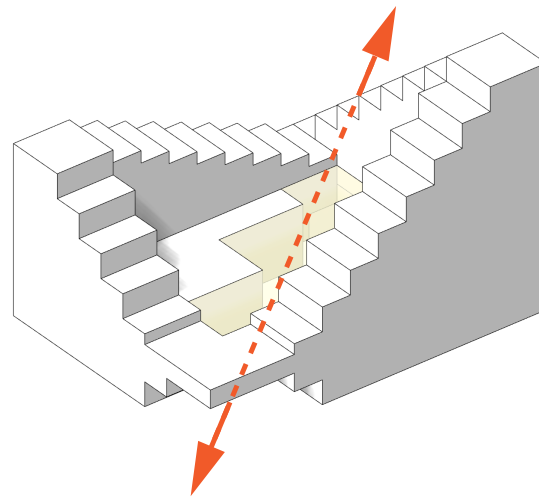


Water Fed Pole System (max.23m)

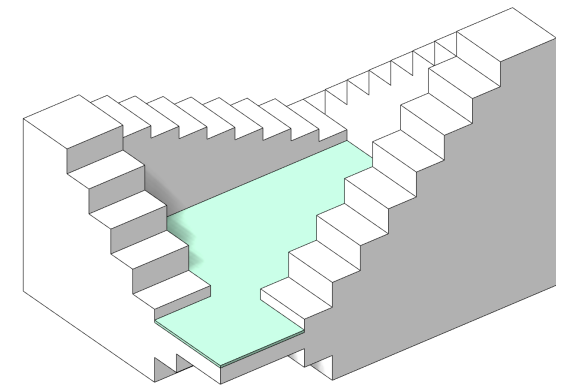
Summary



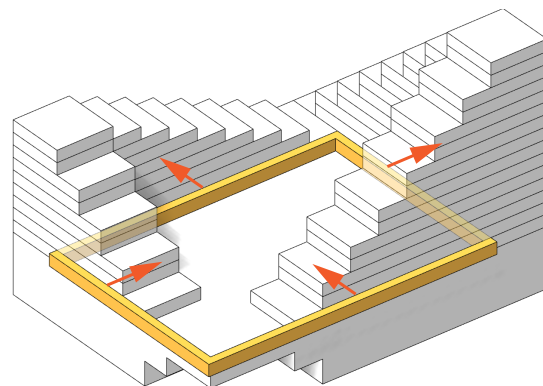
tower-block



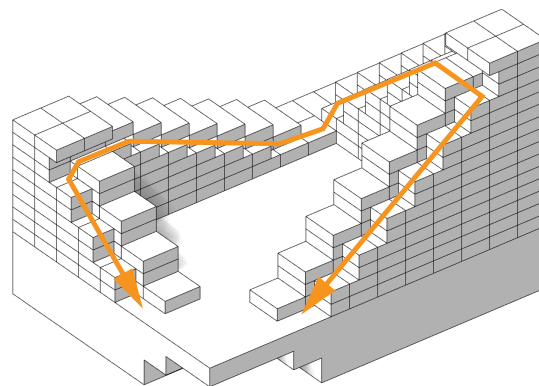
urban access



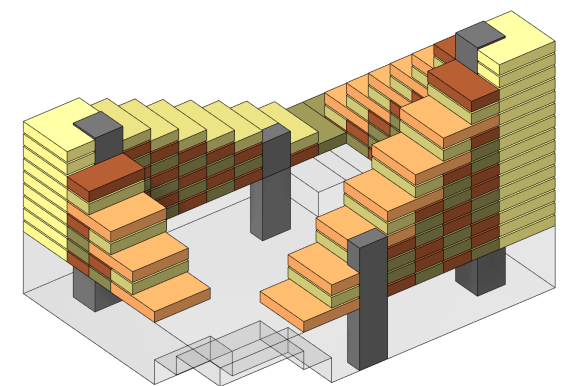
lifted communal space



asymmetrical circulation



loop on the roof



mixed ownership



HISTORY



FUTURE



The Stamp City

‘Sloter-Stamp’

Thank You!

