



Joaquin Valdes
4264282

Introduction

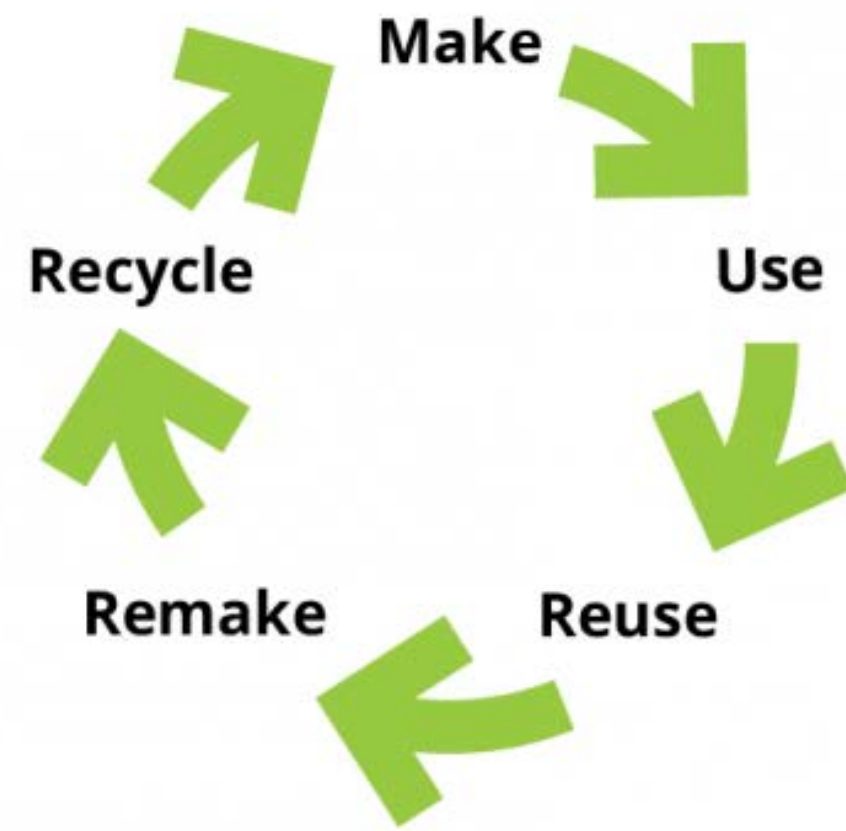
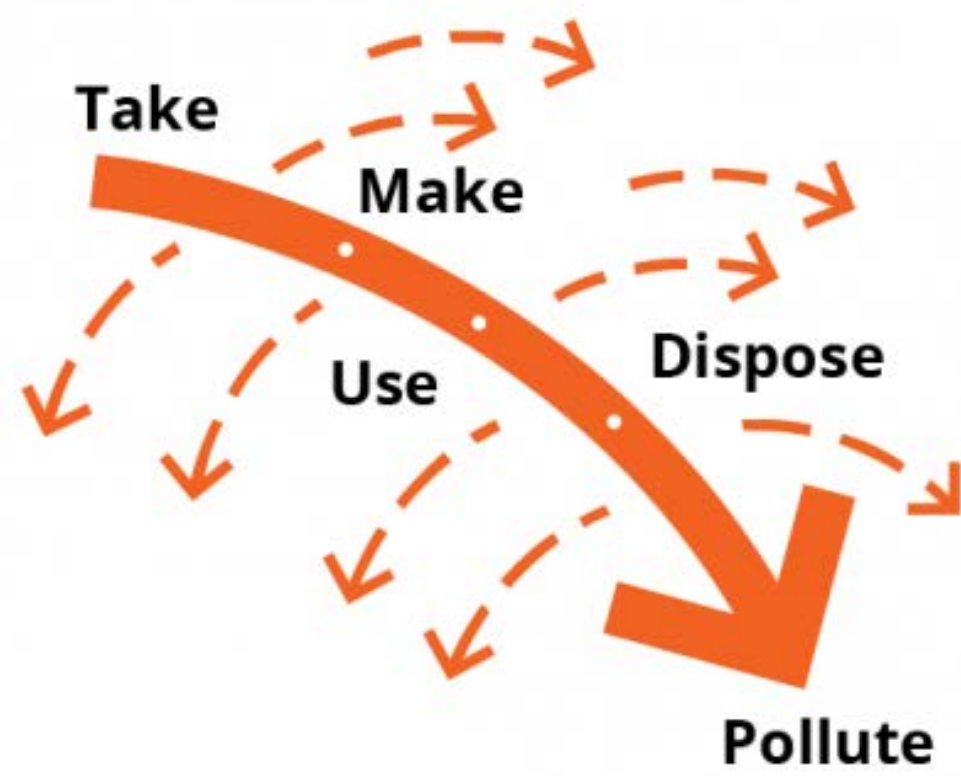
Problem Statement
Context

Analysis

Research Question
Results
Conclusion

Architectural design

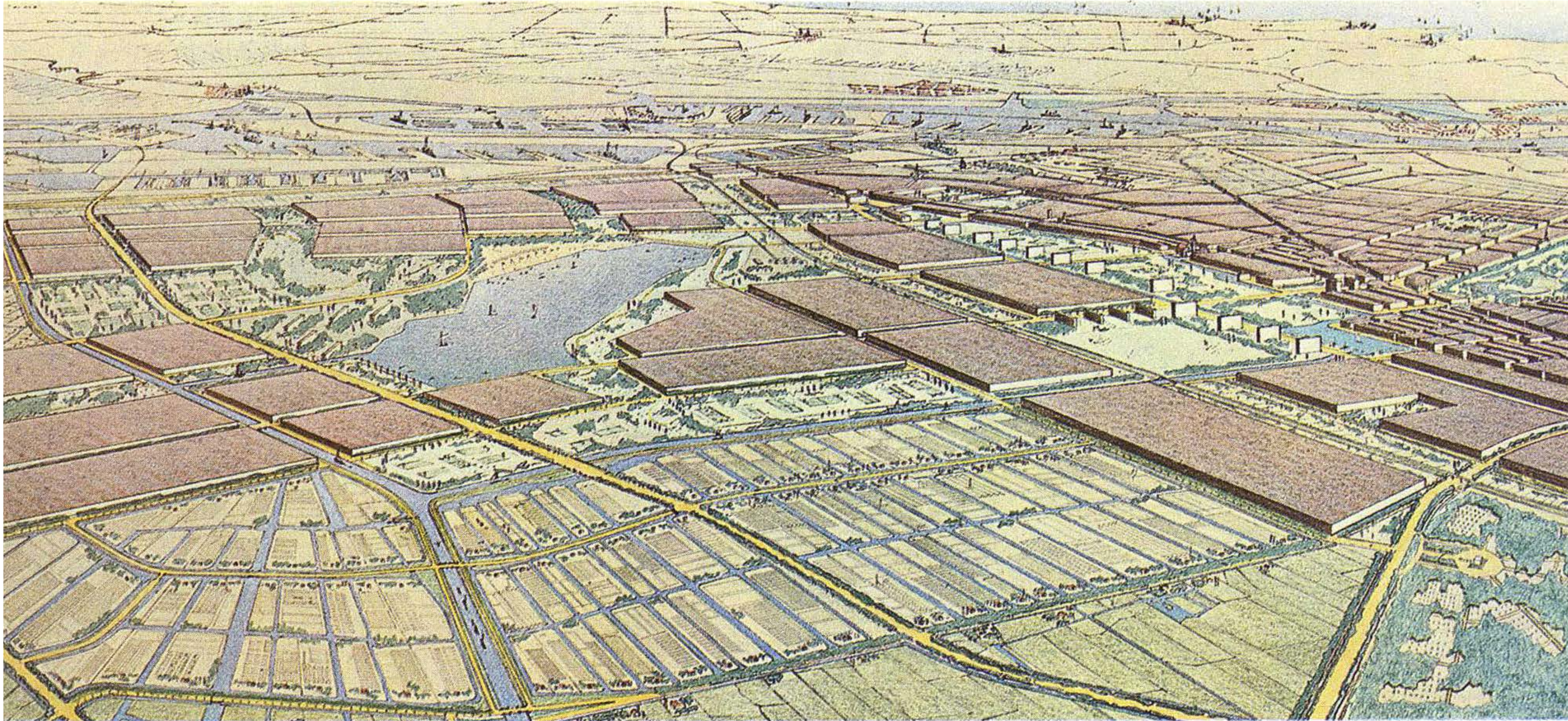
Concept
Program
Use
Building technology



From a linear to a circular economy



Nieuw West



AUP 1934



KIJKJE IN DE ENGELSCH E STEEG

De jordan



Characters of Nieuw West



spatial characteristics



Overflow Municipalities; Puremerend, Almere



tien Van Manen / nfa, coll. Nederlands fotomuseum



Guest workers



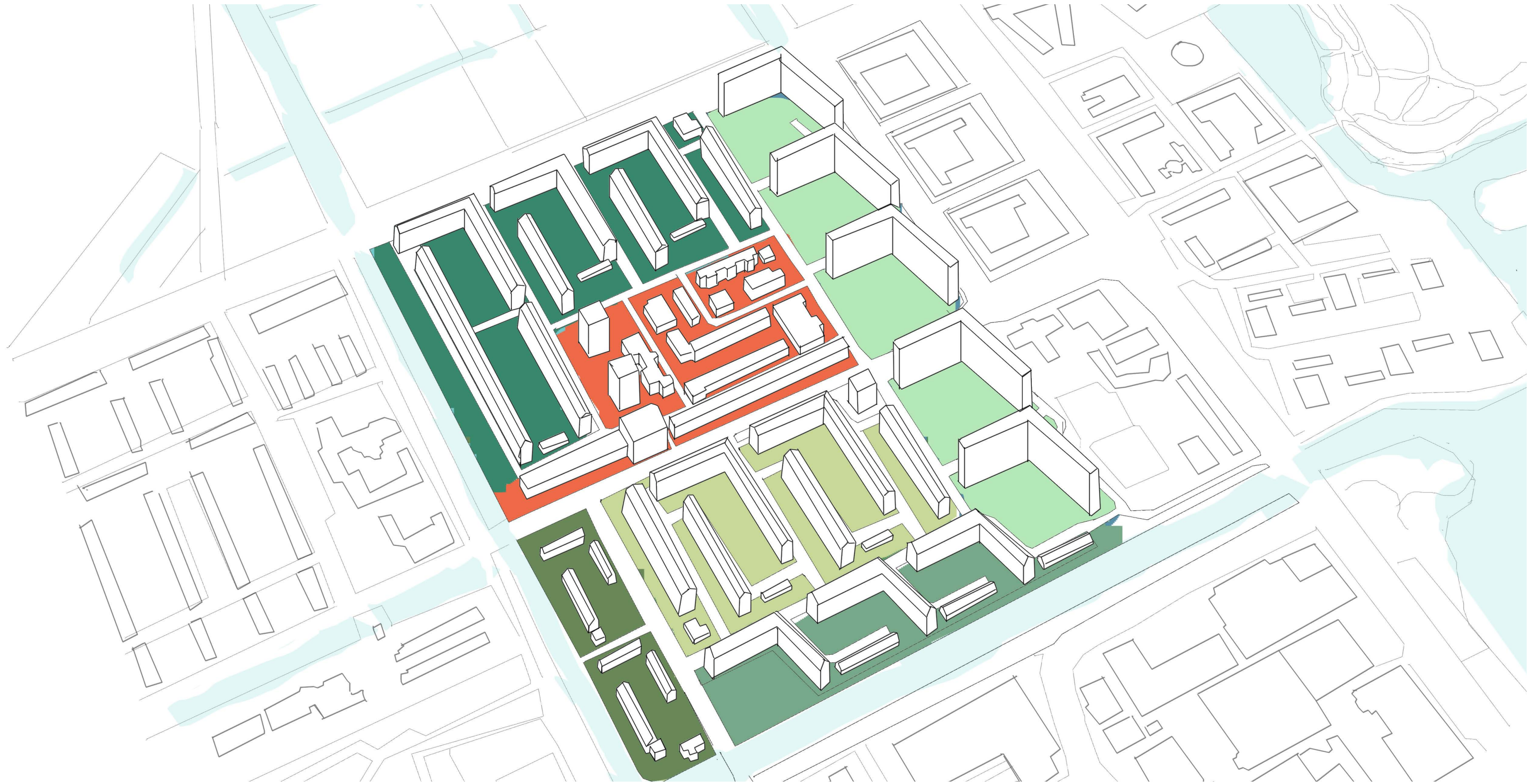
Location



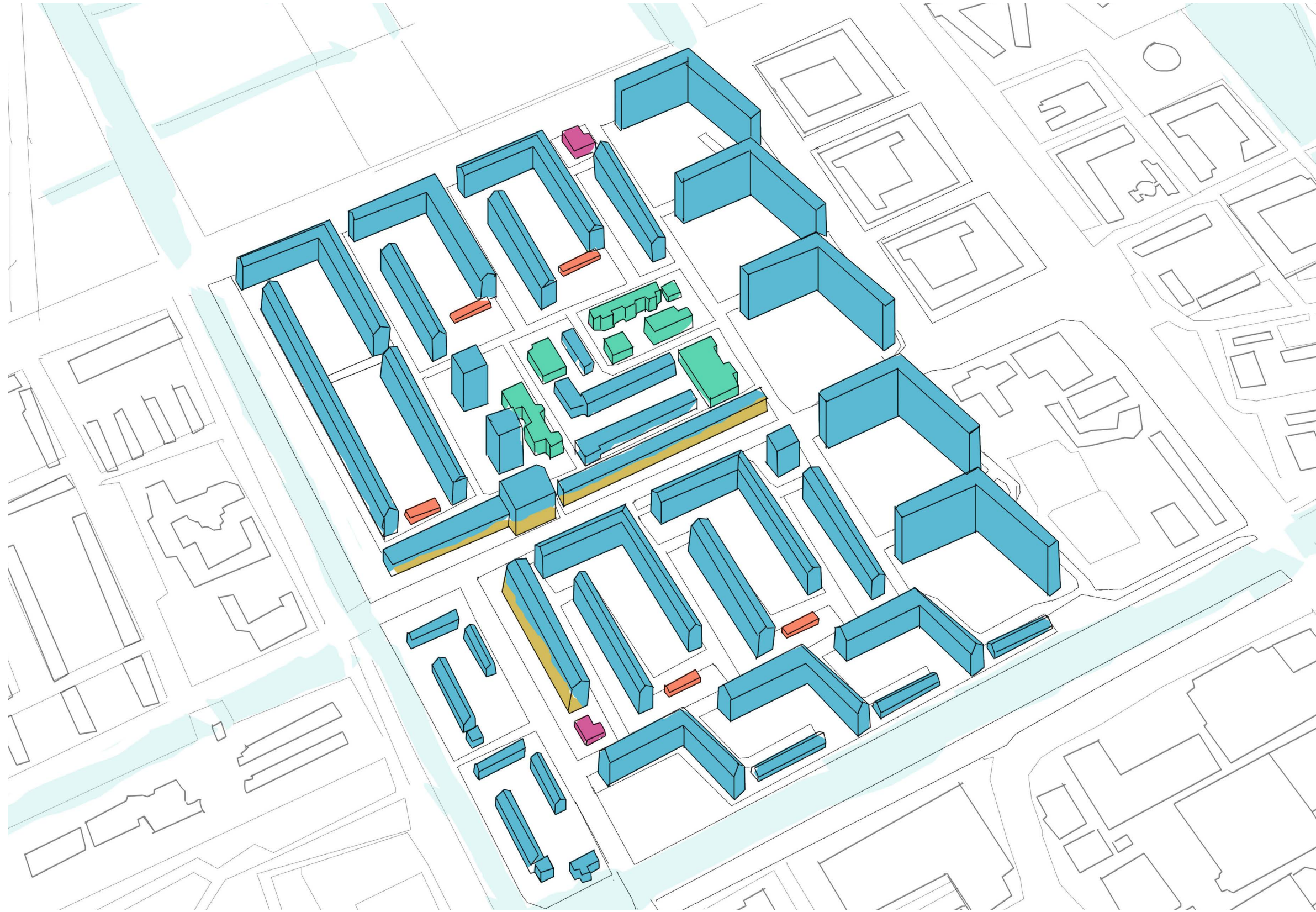
Wildemansbuurt



Meer en Oever

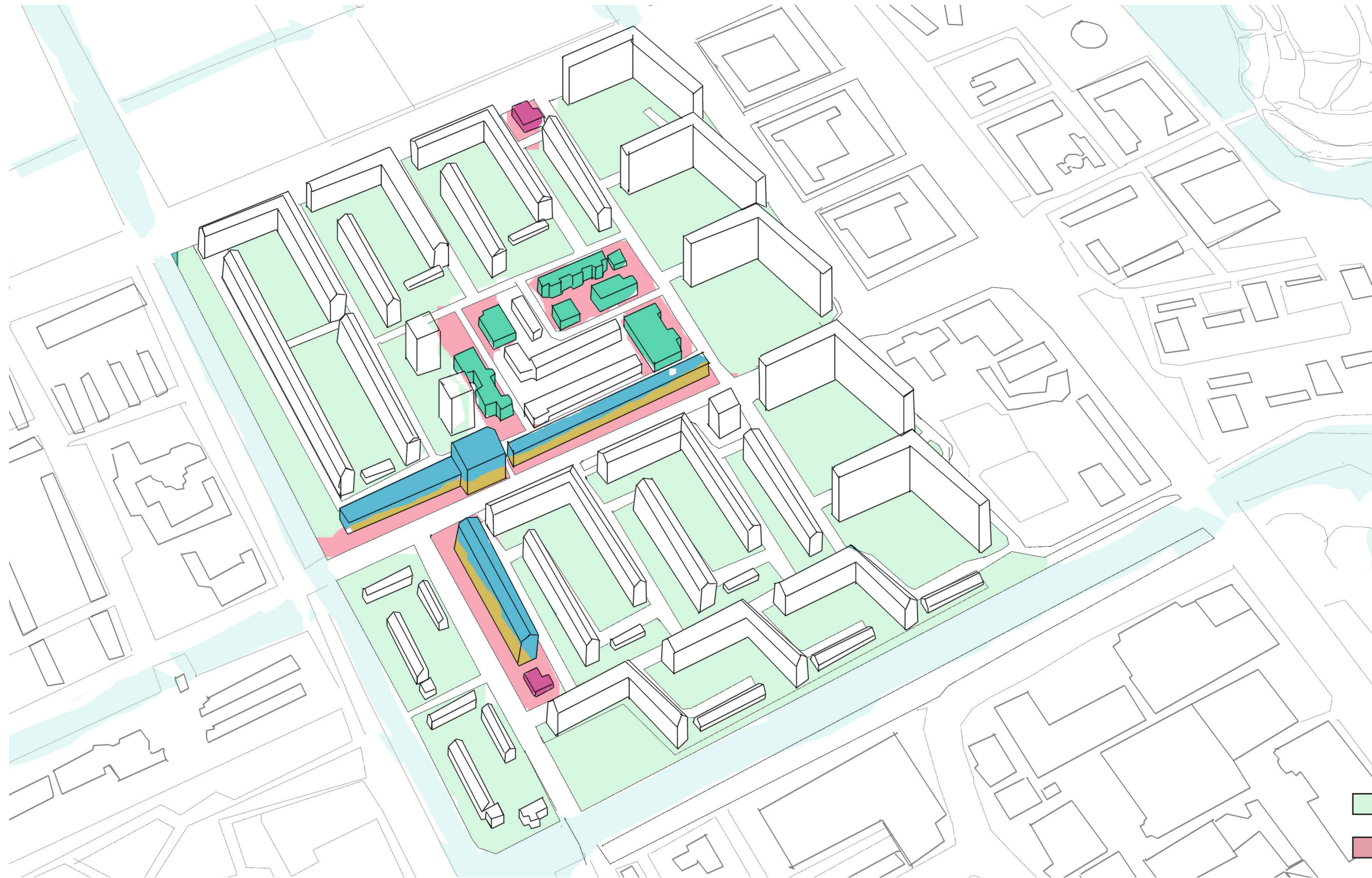


Neighbourhood organisation



- housing
- commercial
- mixed
- community
- parking

monofunctional



livelihood



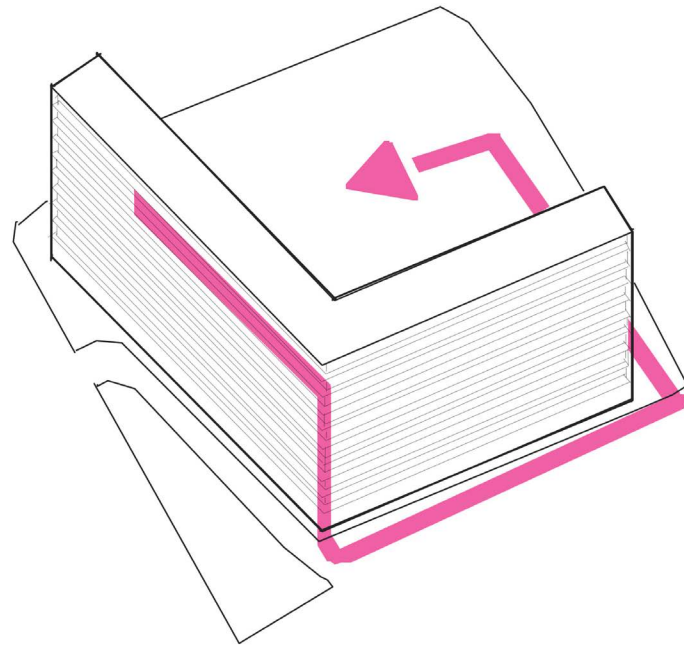
Activity



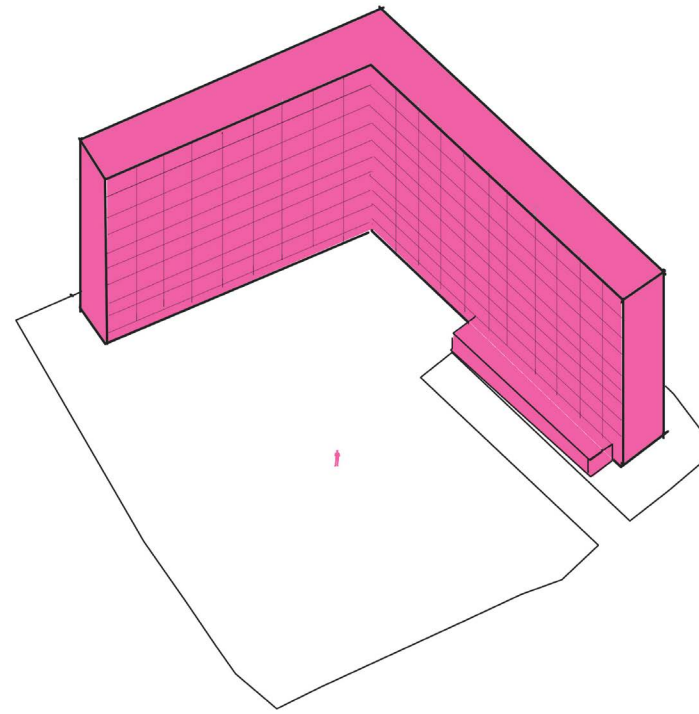
Storage on the ground floor



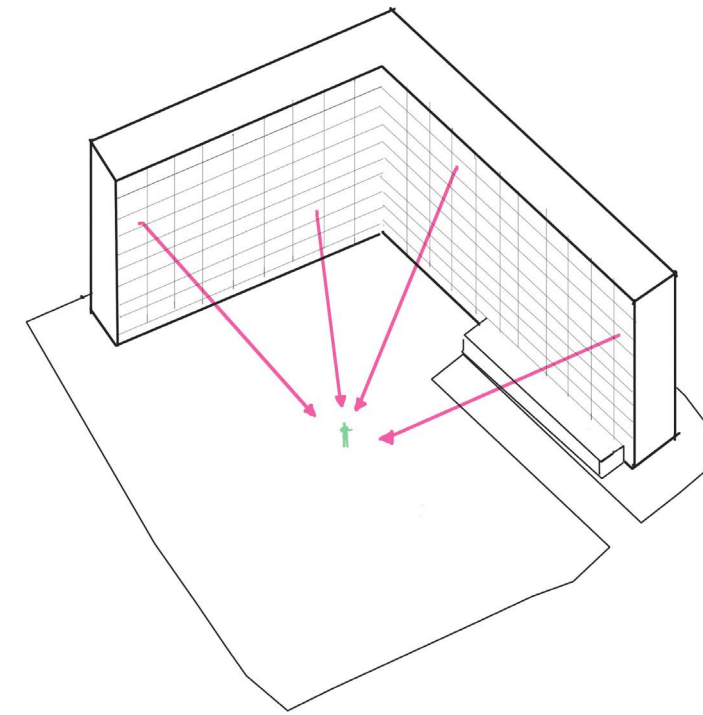
Courtyards



Accessibility



Scale



Privacy

Underused Courtyards



Structured public spaces



Structured green areas



Houses connecting to groundflo
No carparking in front of the living areas

Meer en oeverwijk

Socio-economic problems

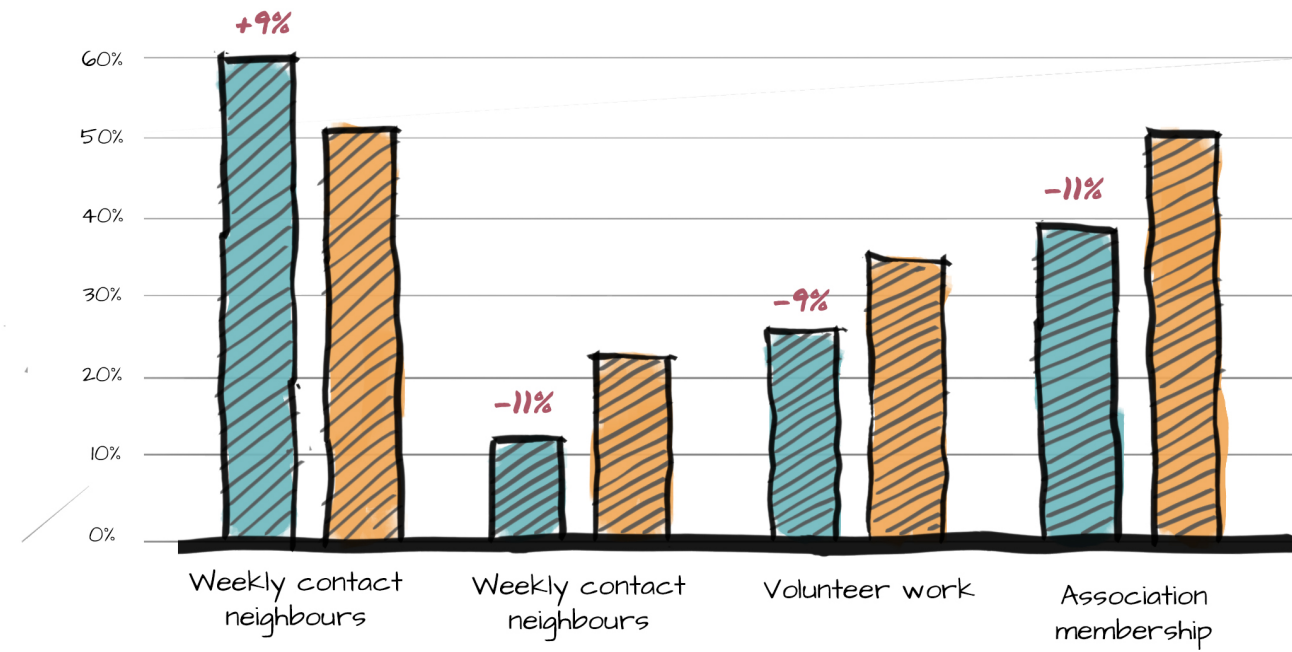
- Unemployment rate
- Loneliness
- Poverty
- Health issues
- Low education

Spatial problems:

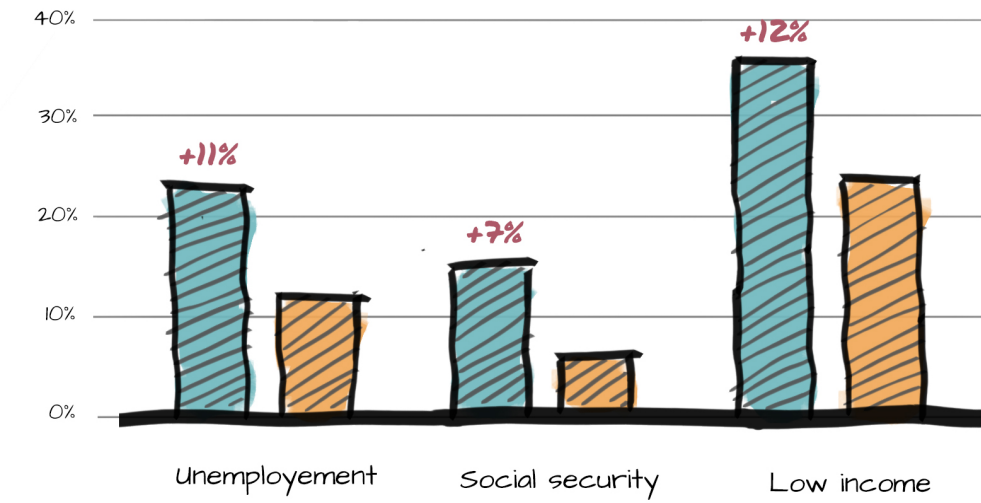
- Unused courtyards
- Storage on the ground floor
- Monofunctional neighbourhood
- Central and low activity rates

The Netherlands uses a strategy of social mixing in order to redevelop neighbourhoods with low income communities. Although this helps with upgrading the neighbourhood spatially it doesn't resolve the socio-economic issues of the existing community, it just dilutes the rate of poverty.

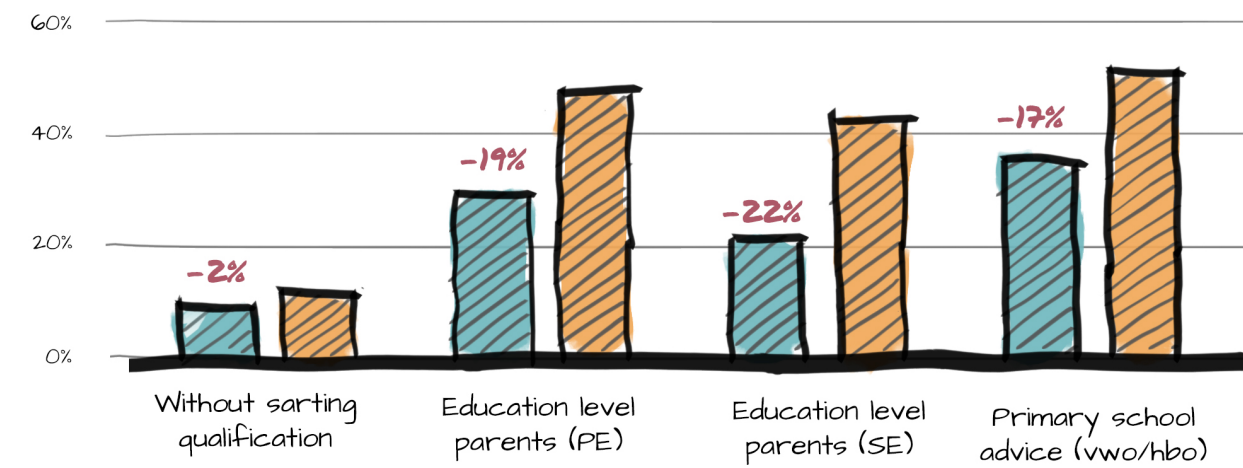
Problem statement



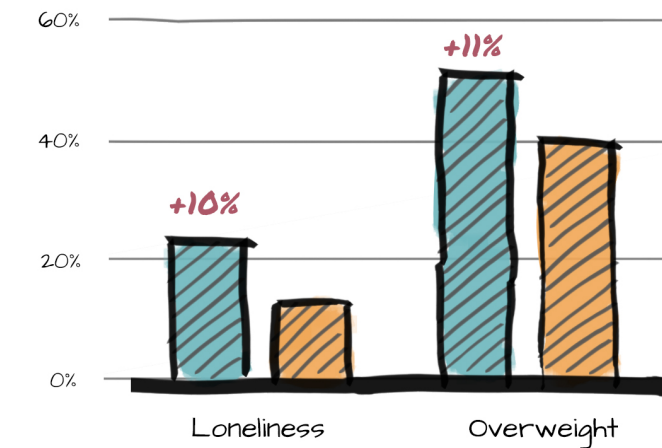
NEIGHBOURHOOD INVOLVEMENT



UNEMPLOYMENT/POVERTY



EDUCATION



HEALTH

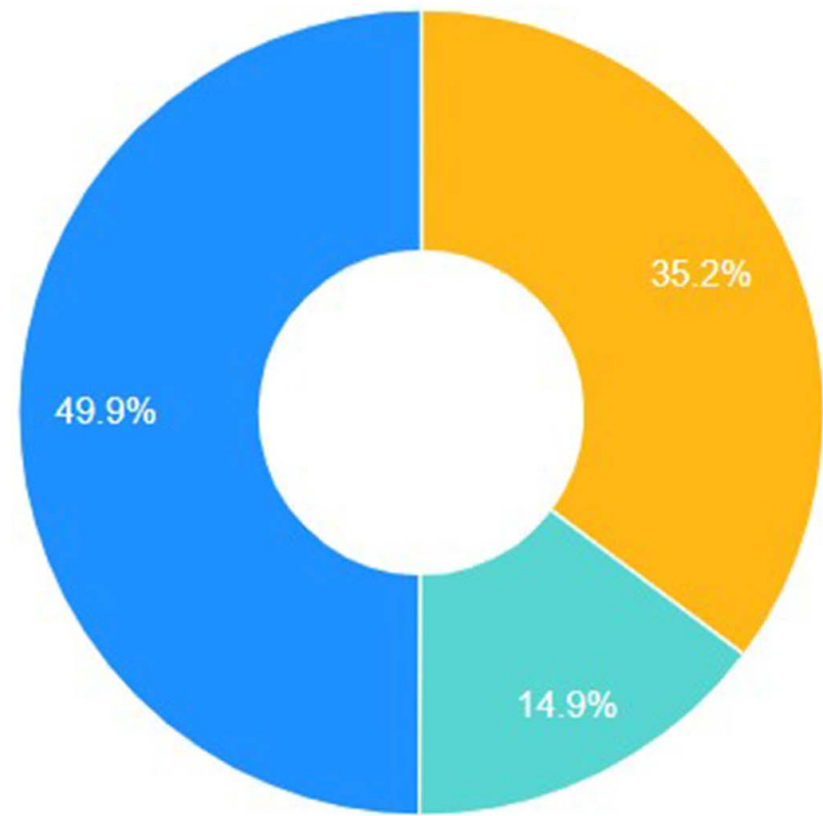
Amsterdam average
Osdorp

Socioeconomic problems

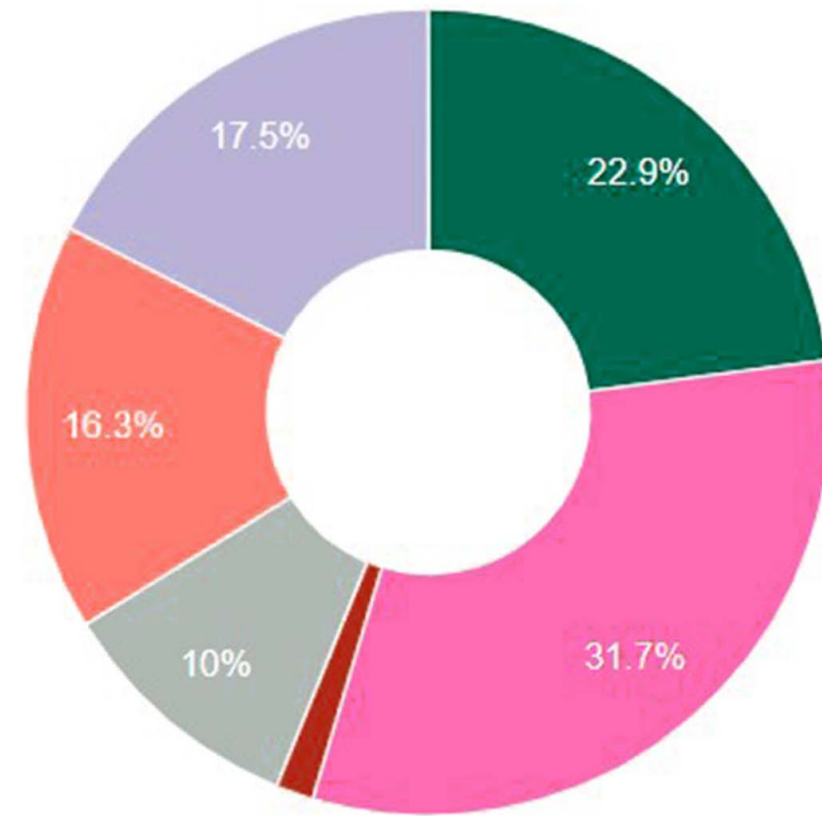
Design Question:

How can we redevelop the Dutch postwar neighborhood with highly mixed communities using a circular strategy and bring liveliness and prosperity to the neighborhood and its community?

Design question



- Natives
- Migration western
- Migration non-western



- Marokko
- Western
- Antilian
- Surinamees
- Turkish
- Other

neighbourhood composition



Moroccan culture



Turkish culture



Surinamese culture

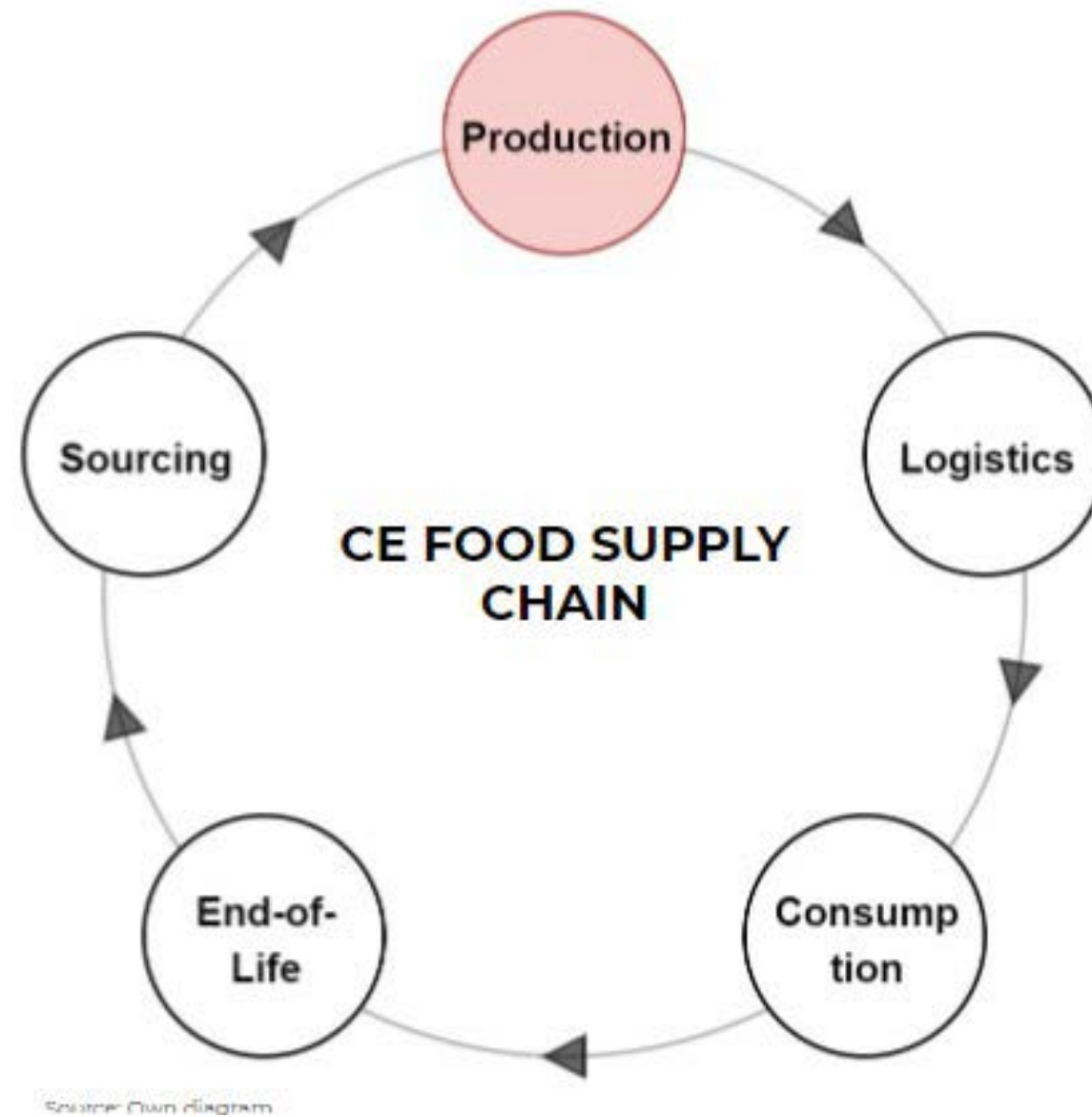


Flat roof gives opportunity for green roof and urban farming

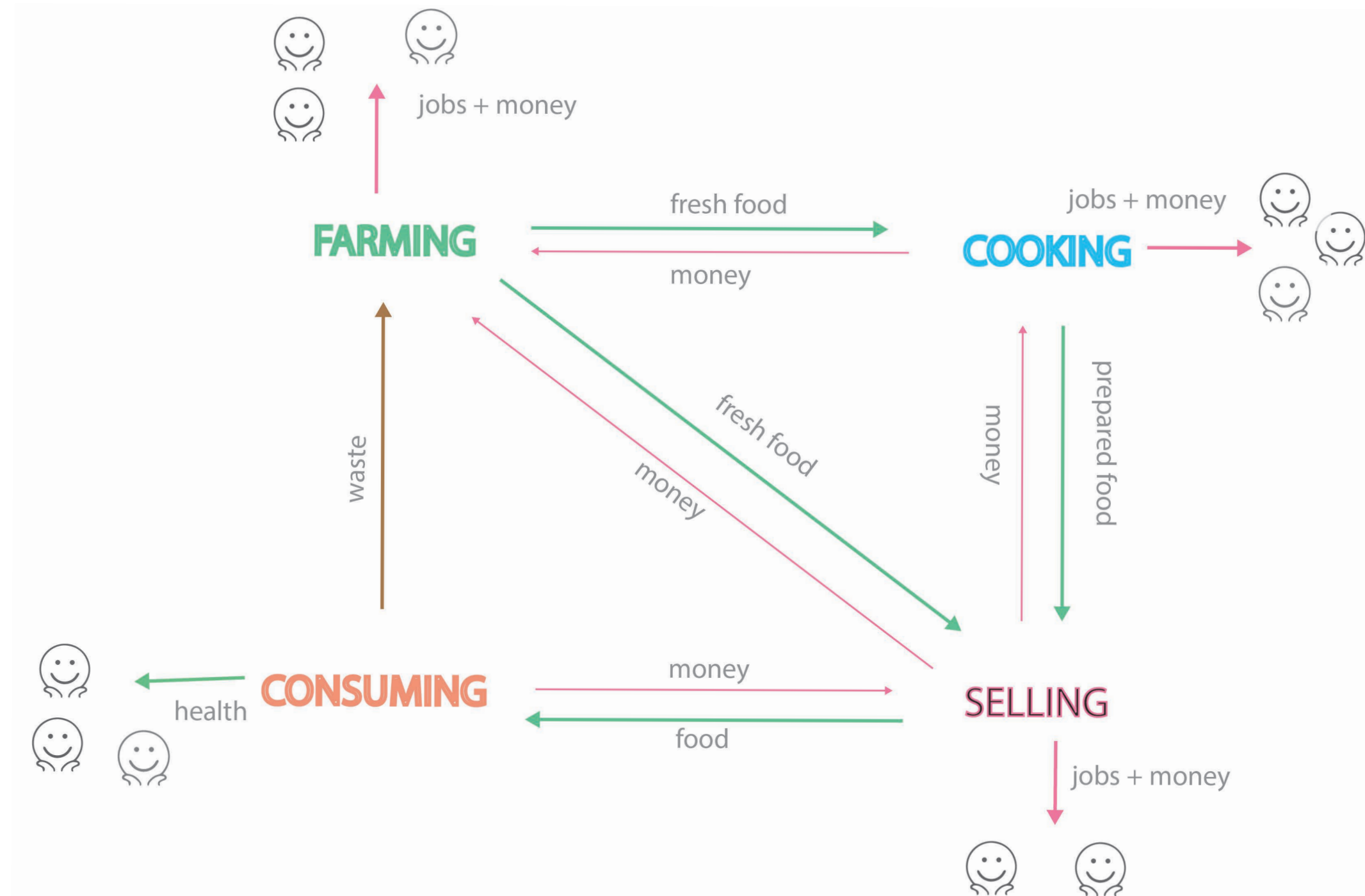
Building blocks oriented towards the sun

Large courtyards give opportunity for production and gathering

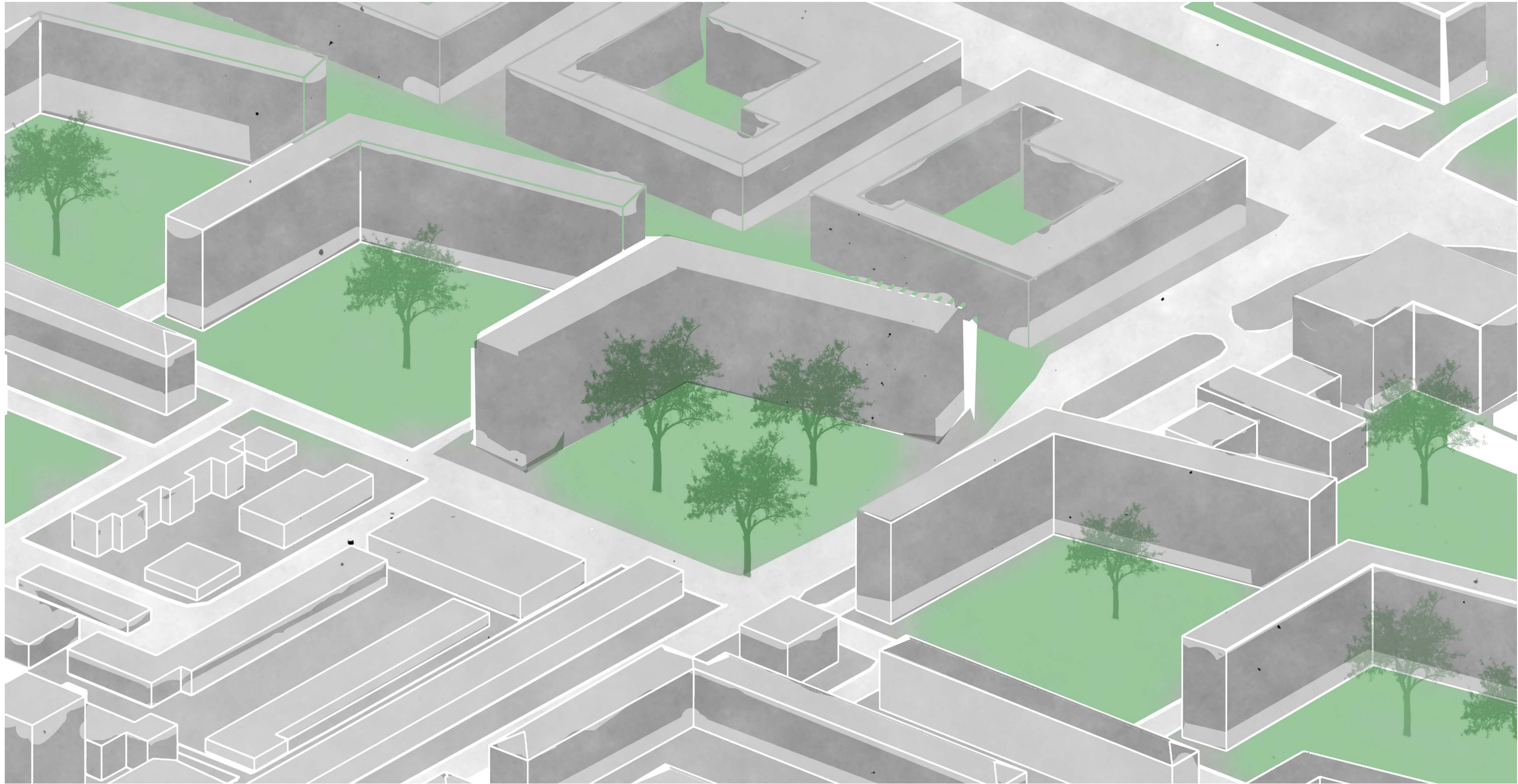
Typologies of the neighbourhood and food systems



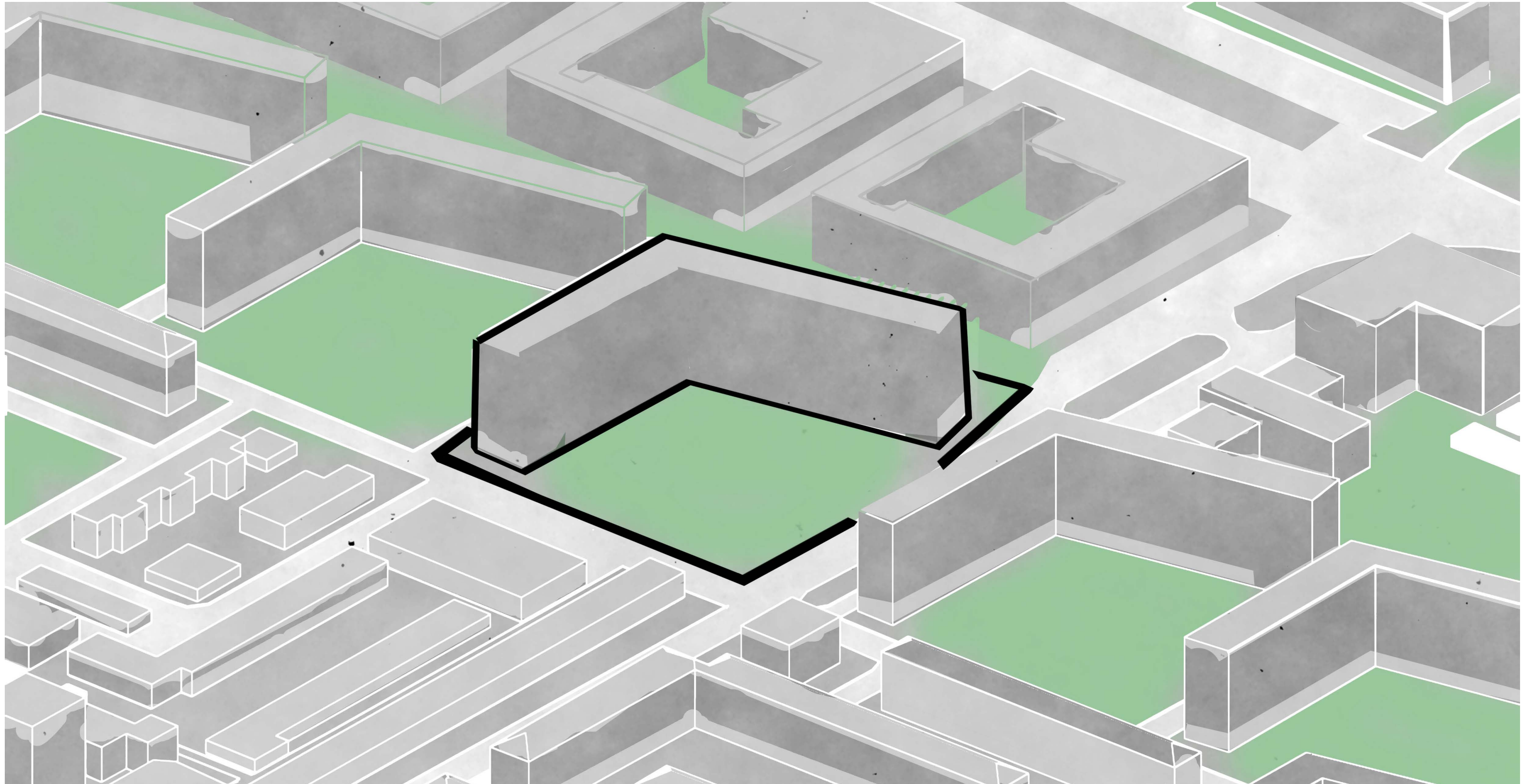
Circular food supply chain



Neighbourhood foodsystem



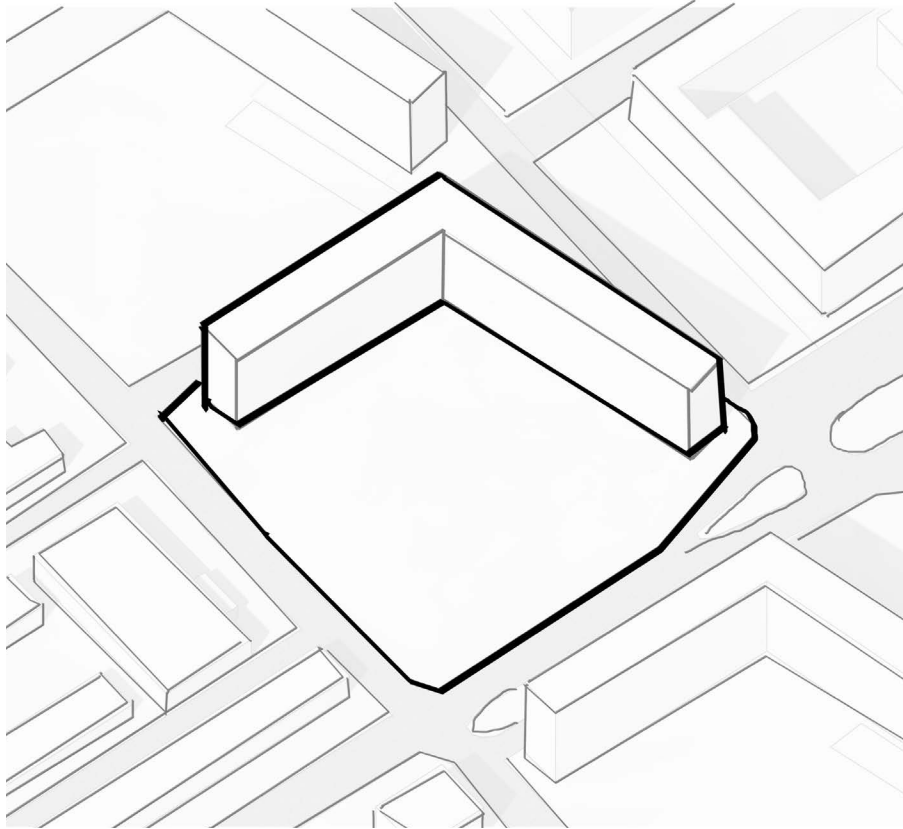
Existing building



Existing building

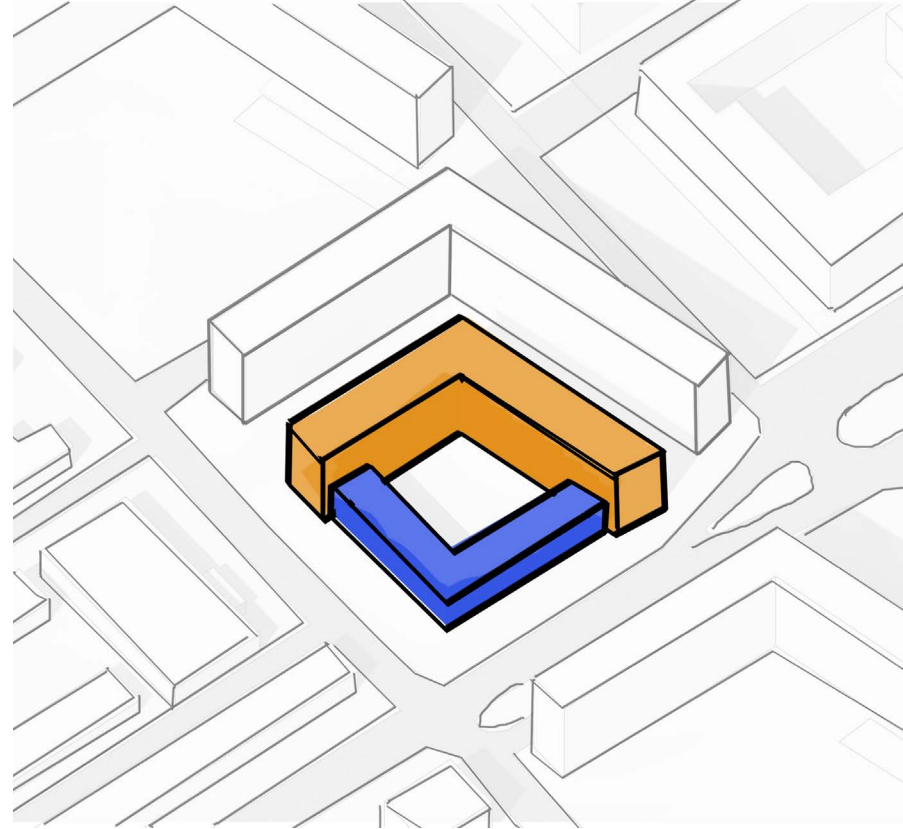


Existing building



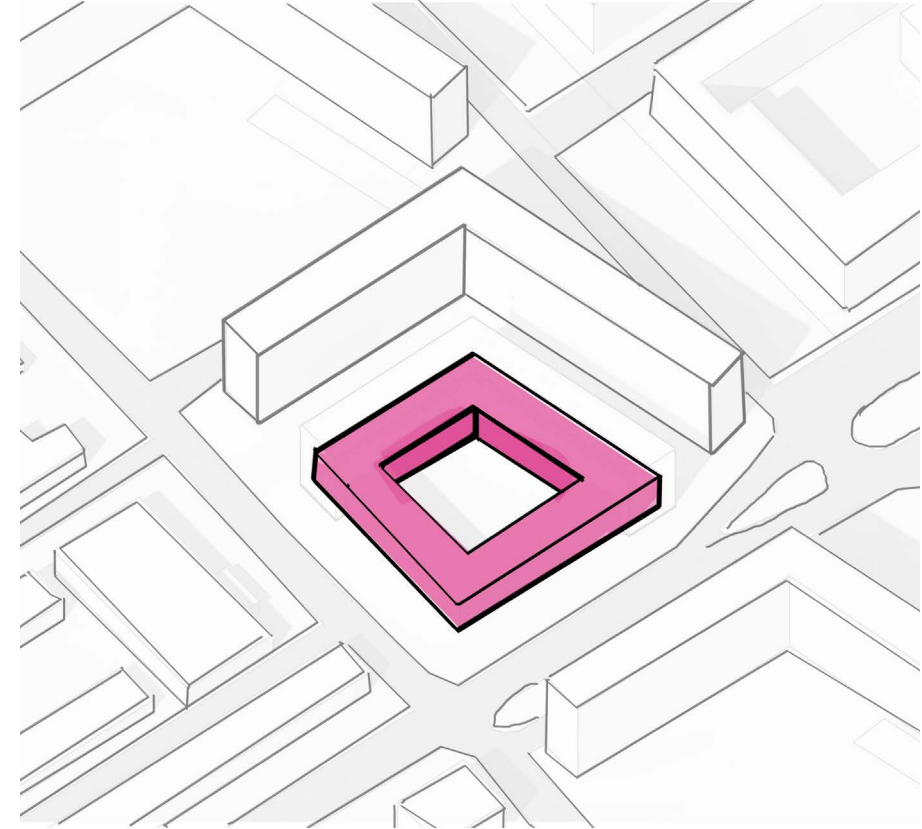
EXISTING BLOCK

The existing block is placed in an unused open courtyard.



NEW VOLUMES

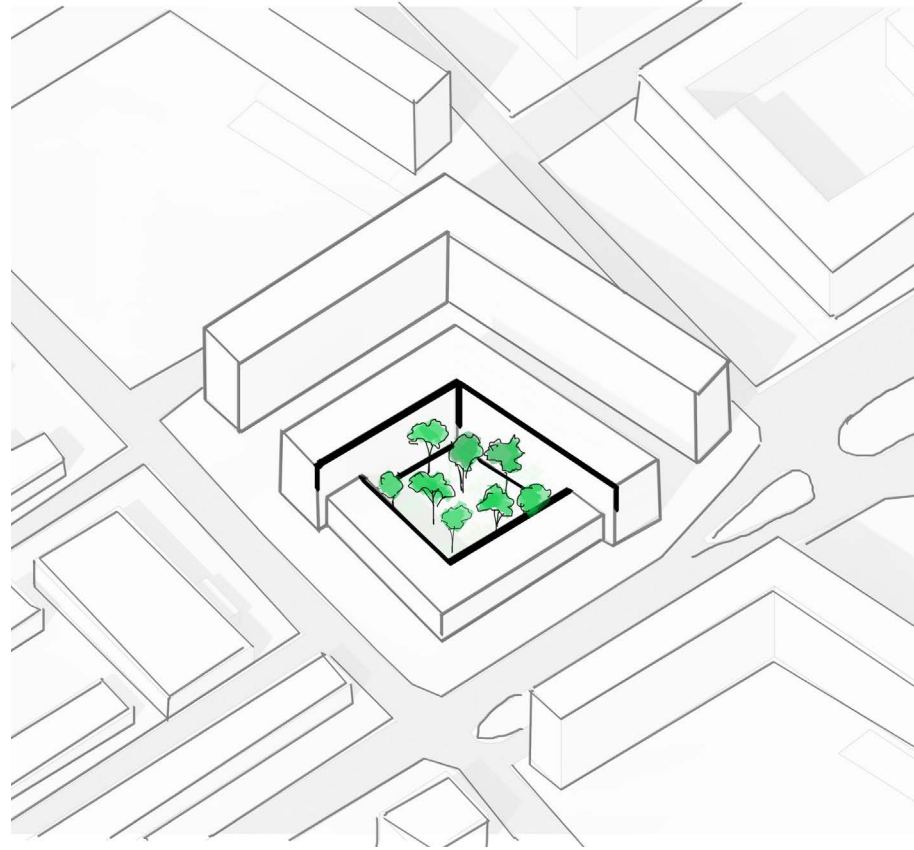
Two new L shaped volumes are placed creating new enclosed spaces.



MARKET

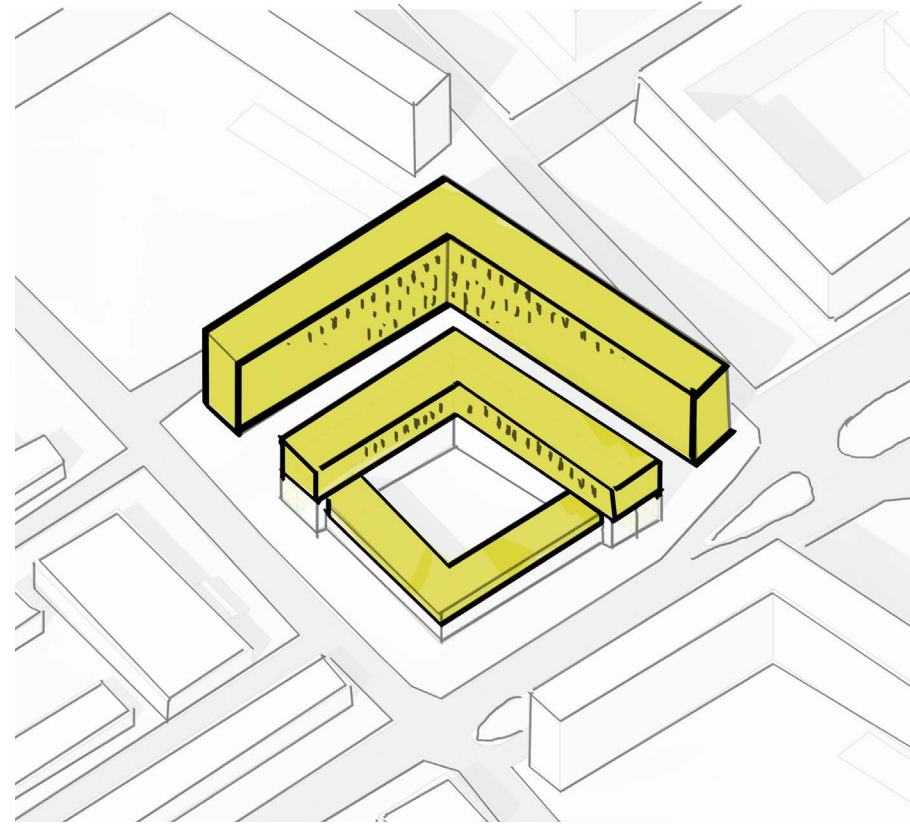
Indoor food market on the groundfloor

Concept



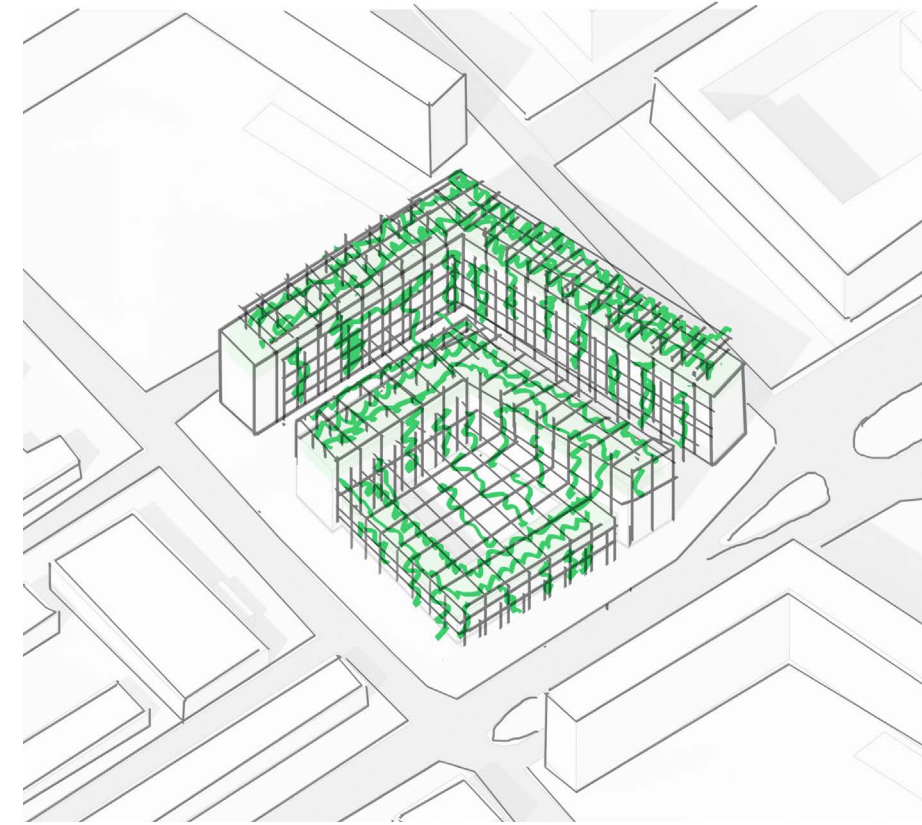
COURTYARD

Inner courtyard that functions as a public square for the neighbourhood.



RESIDENTIAL

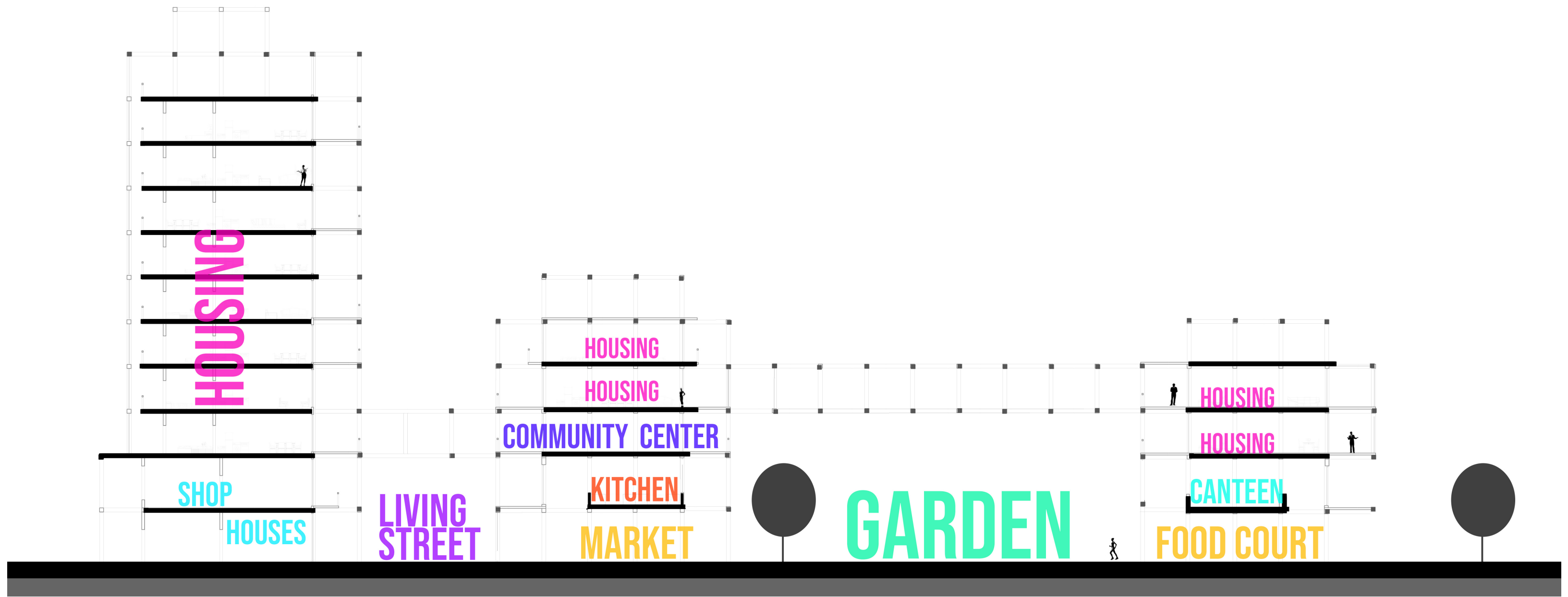
The new blocks enclose a residential street in the courtyard.



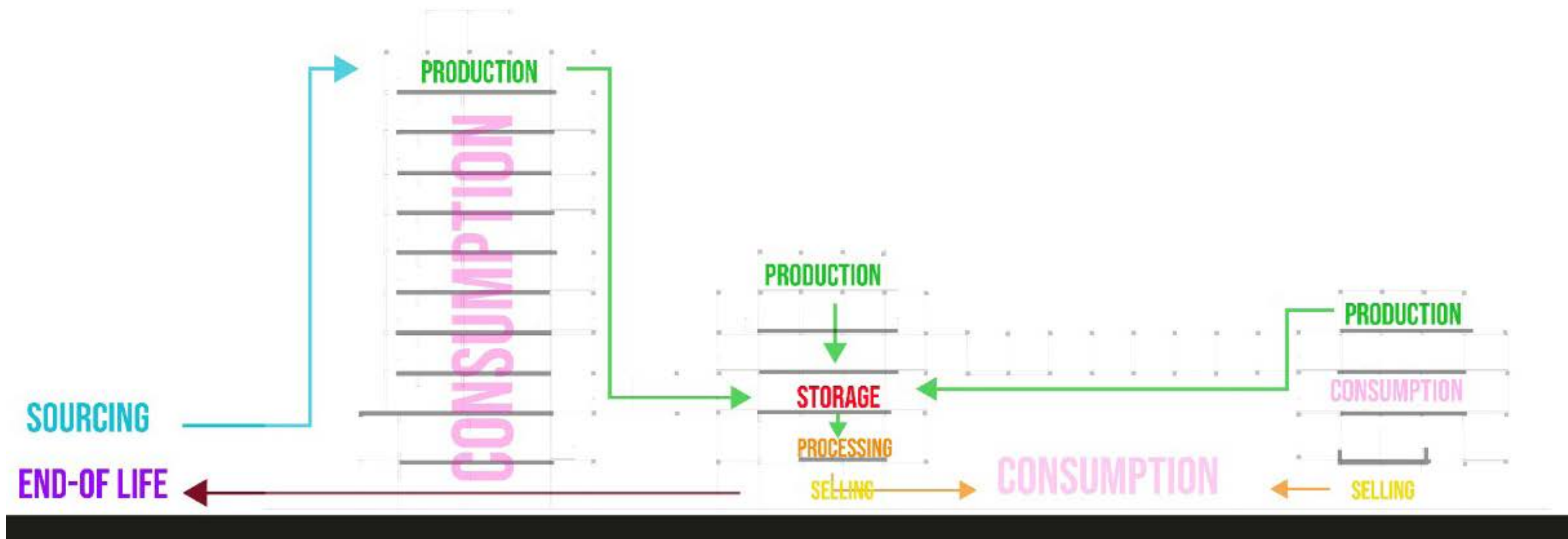
FARMING

A wooden structure is placed over the buildings providing for in- and outdoor farming

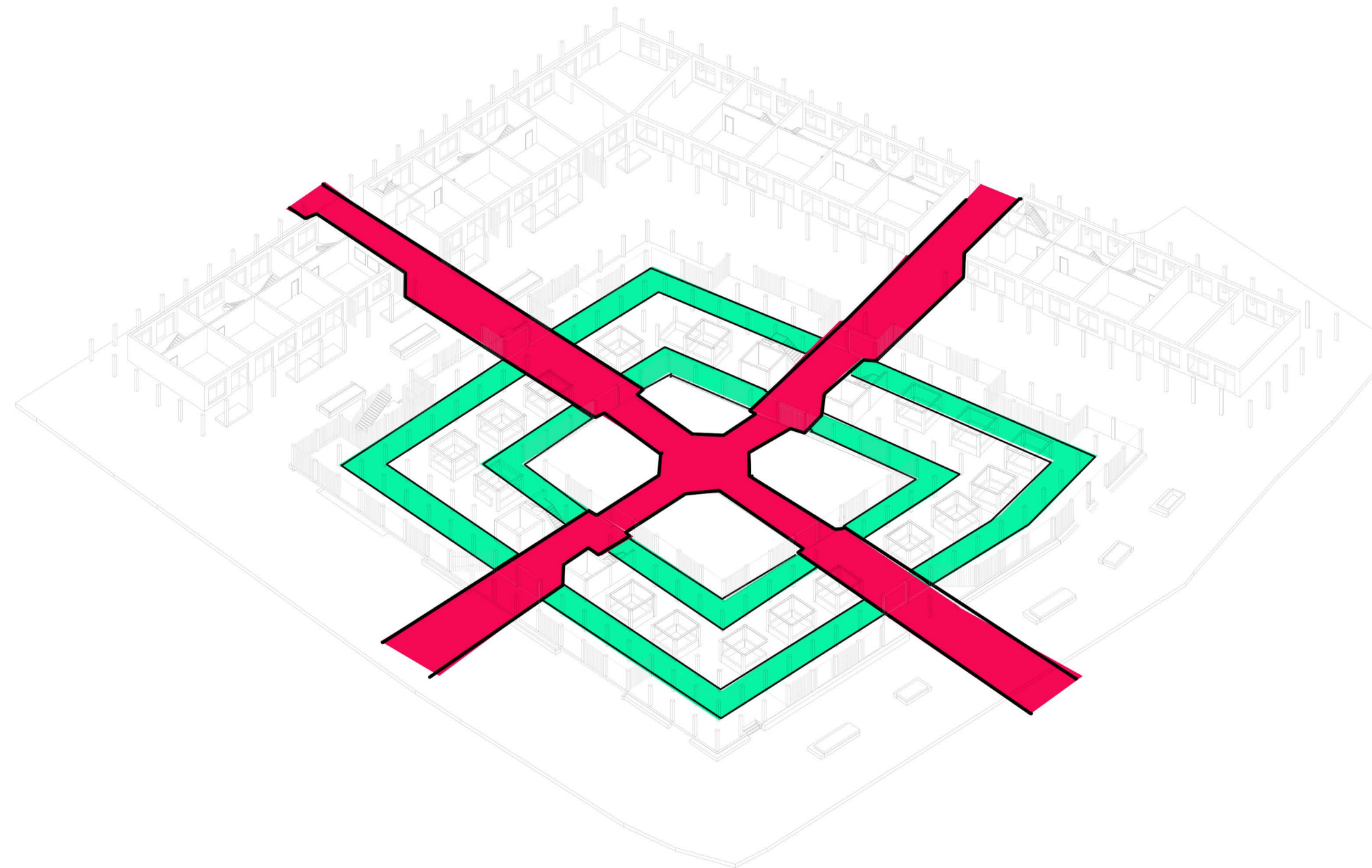
Concept



Program

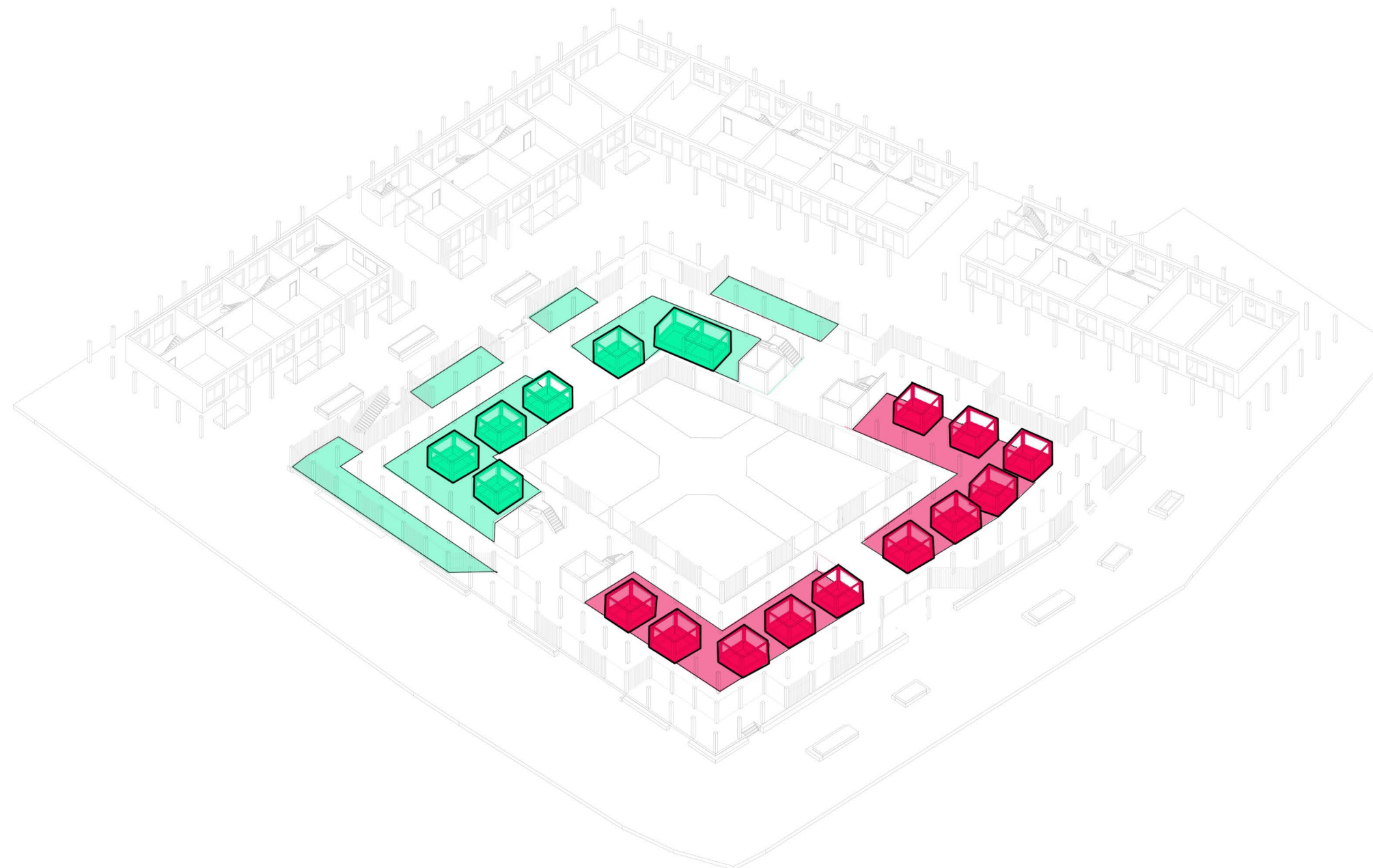




Food and waste Flow Diagram



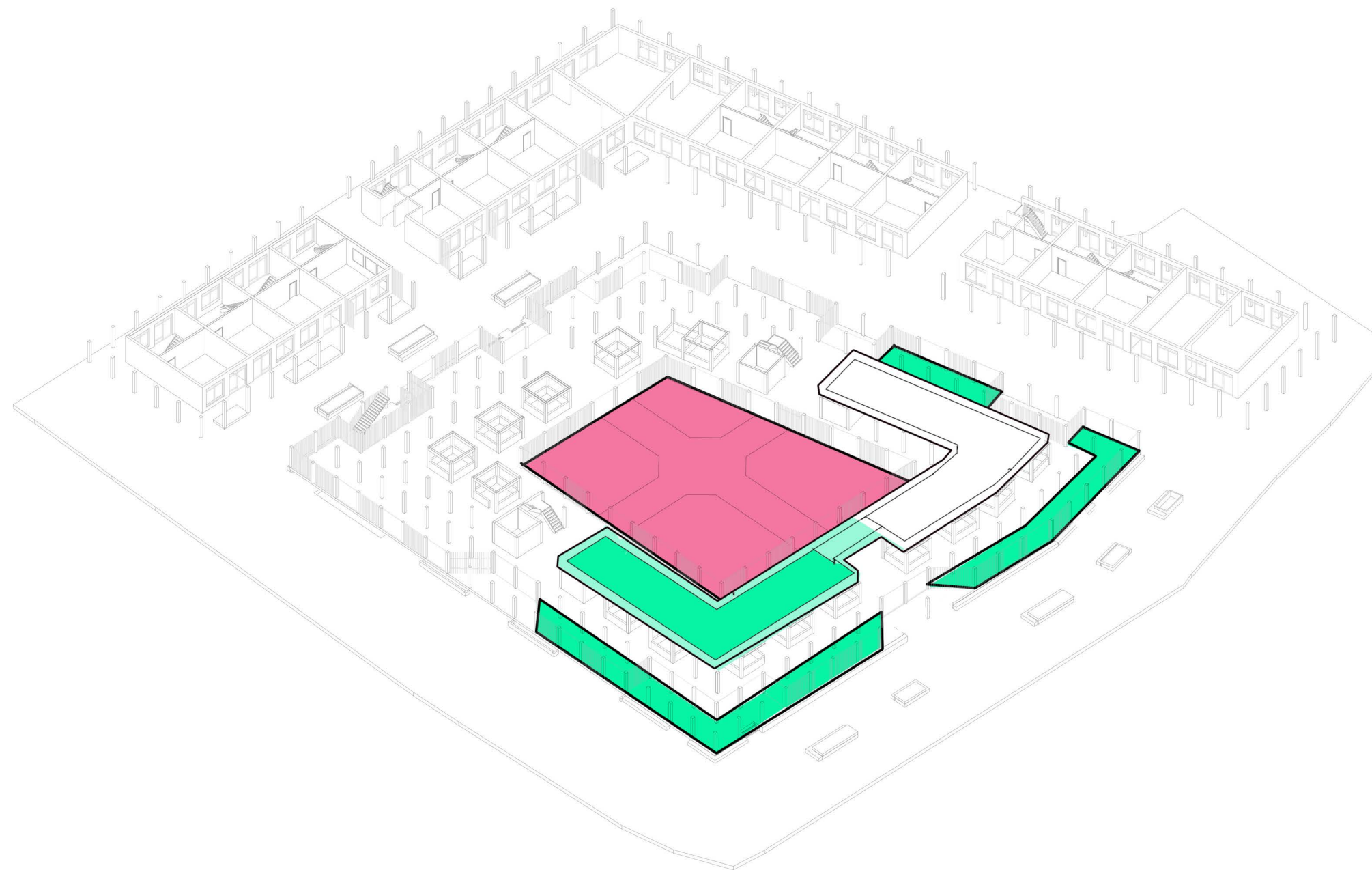
- Crossing routes
- Market lanes

Circulation



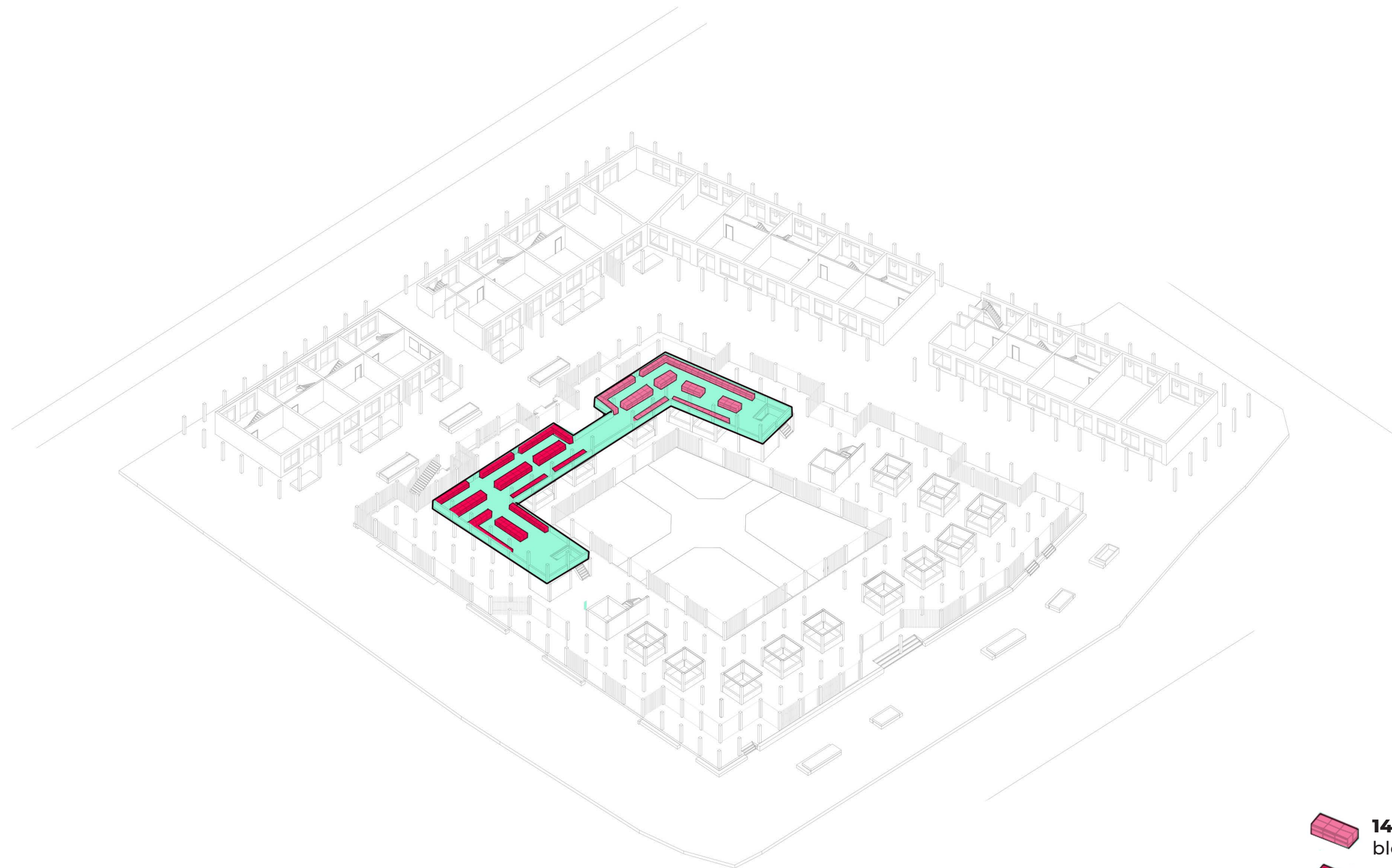
-  **11x** Food stands
-  **7x** Market stands



Food stands



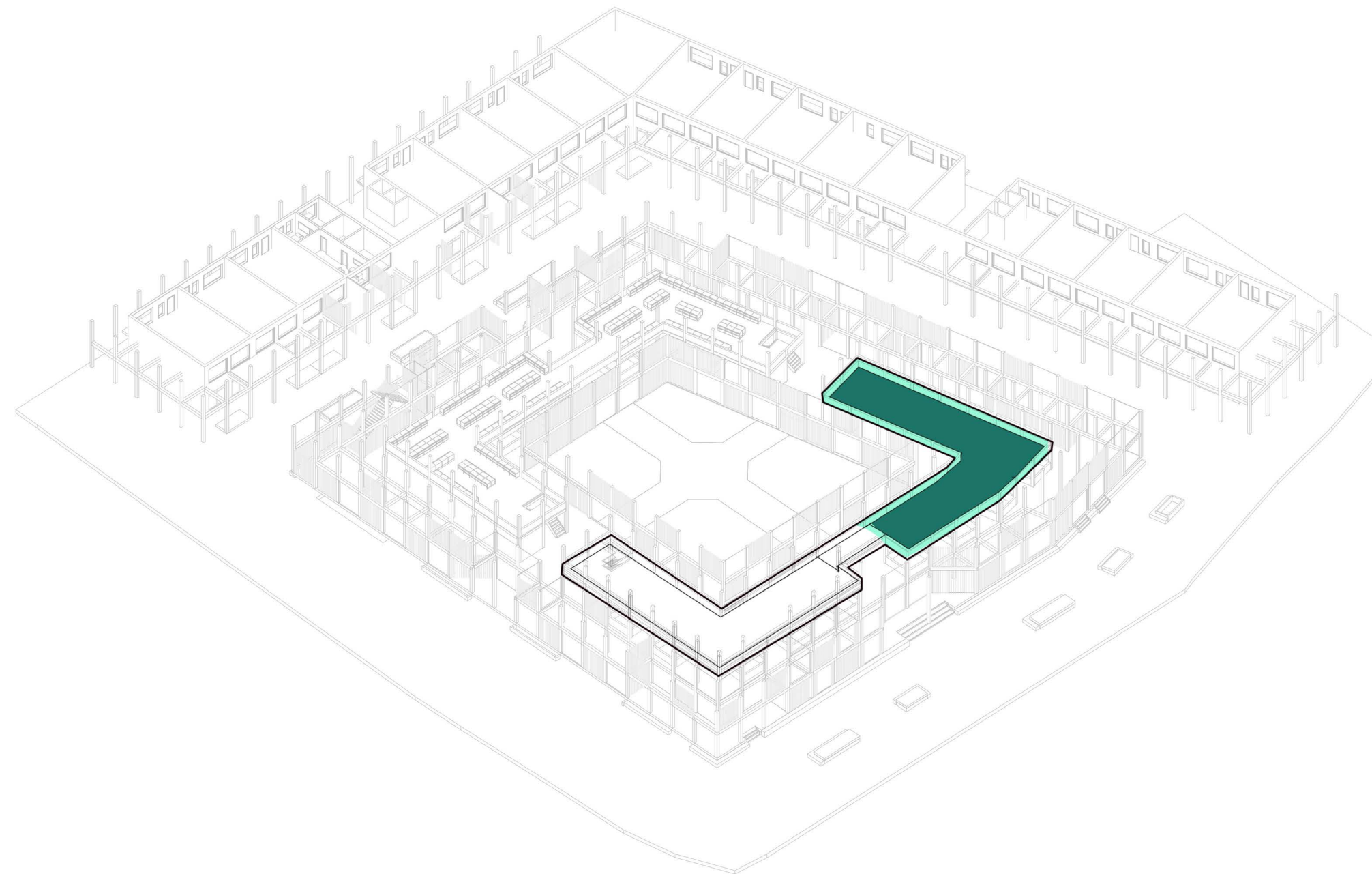
- Courtyard
- Food court

Consumption



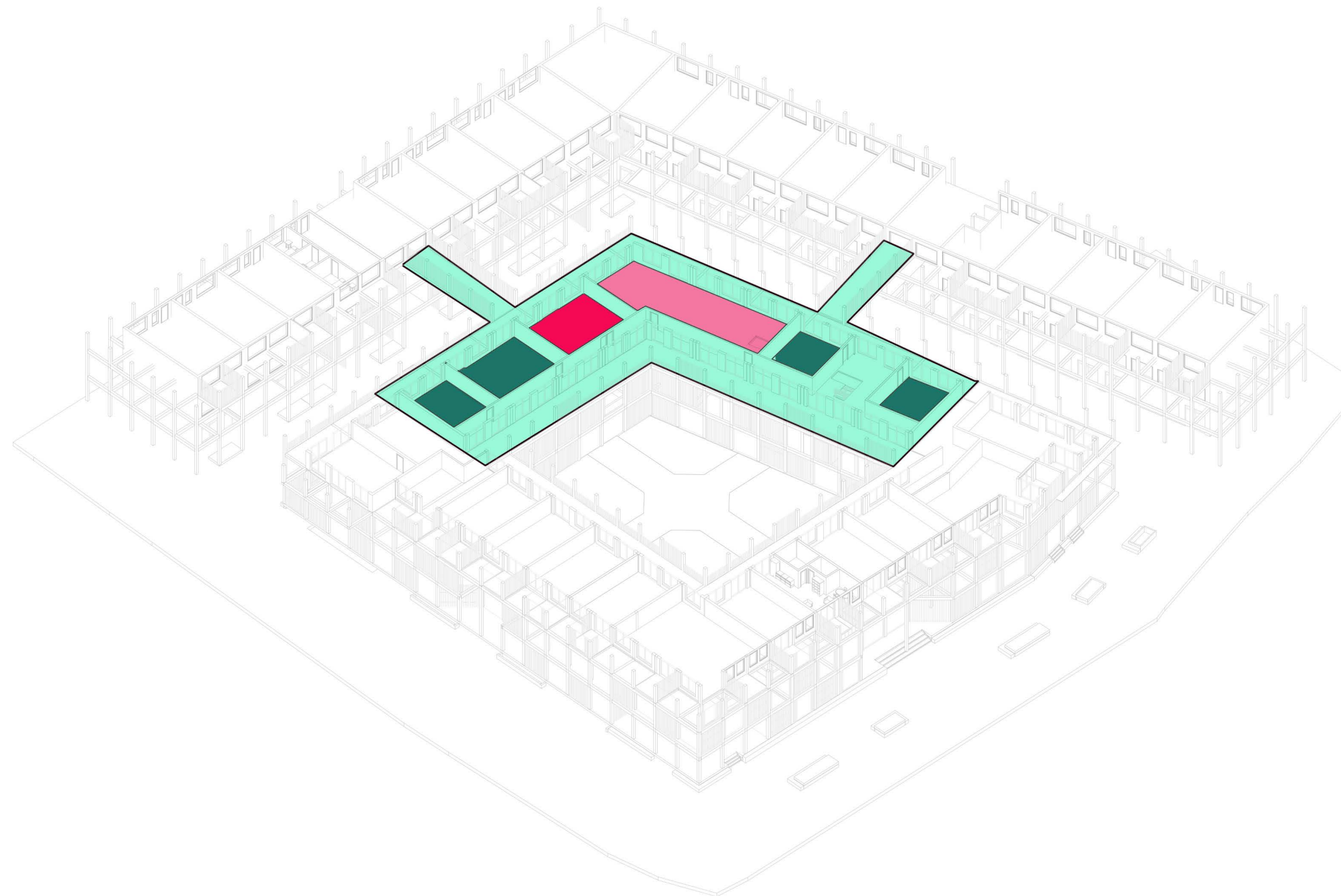
-  **14x** commercial kitchen blocks
-  **10x** communal kitchen blocks

Kitchen



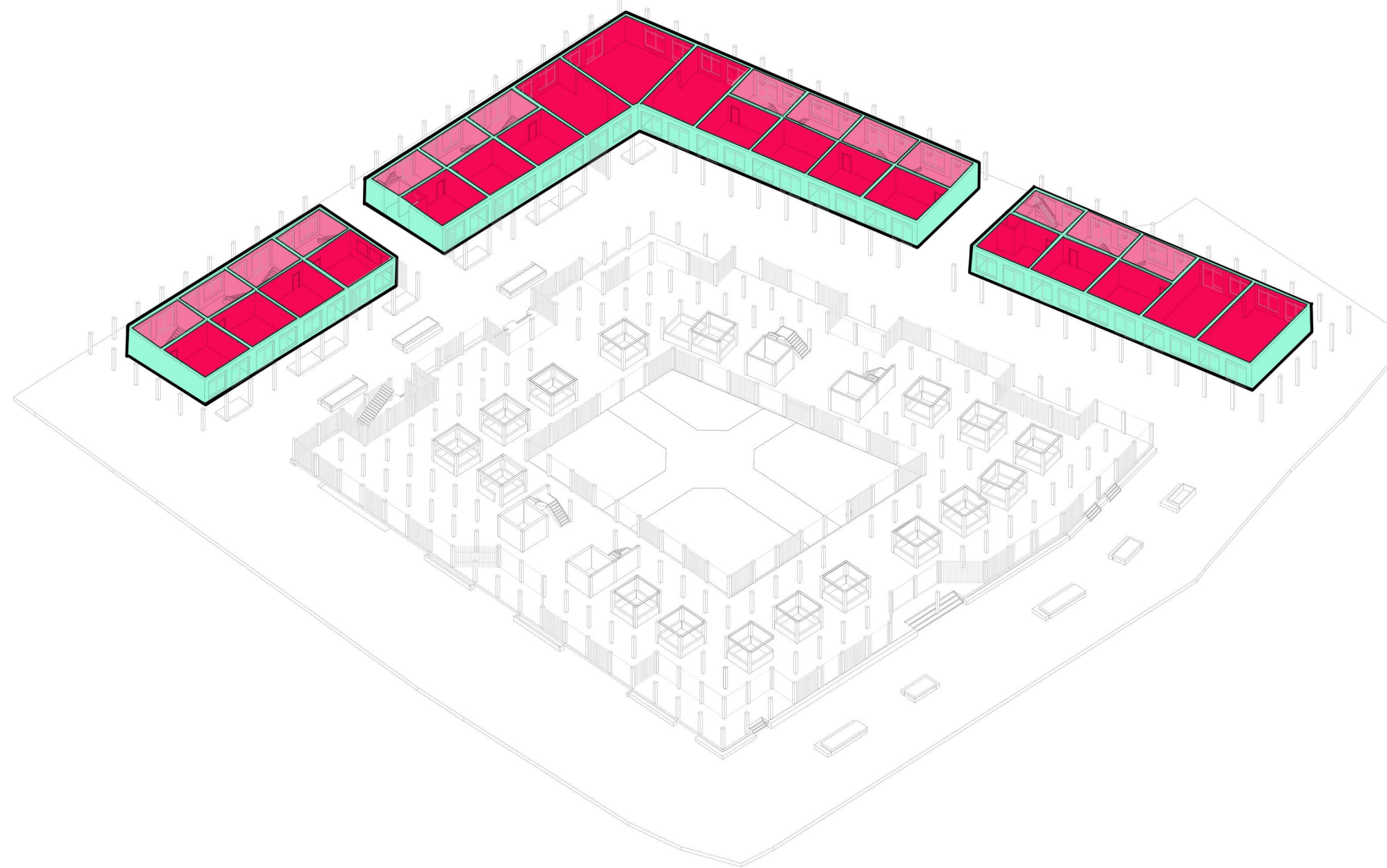
 working area



Work area



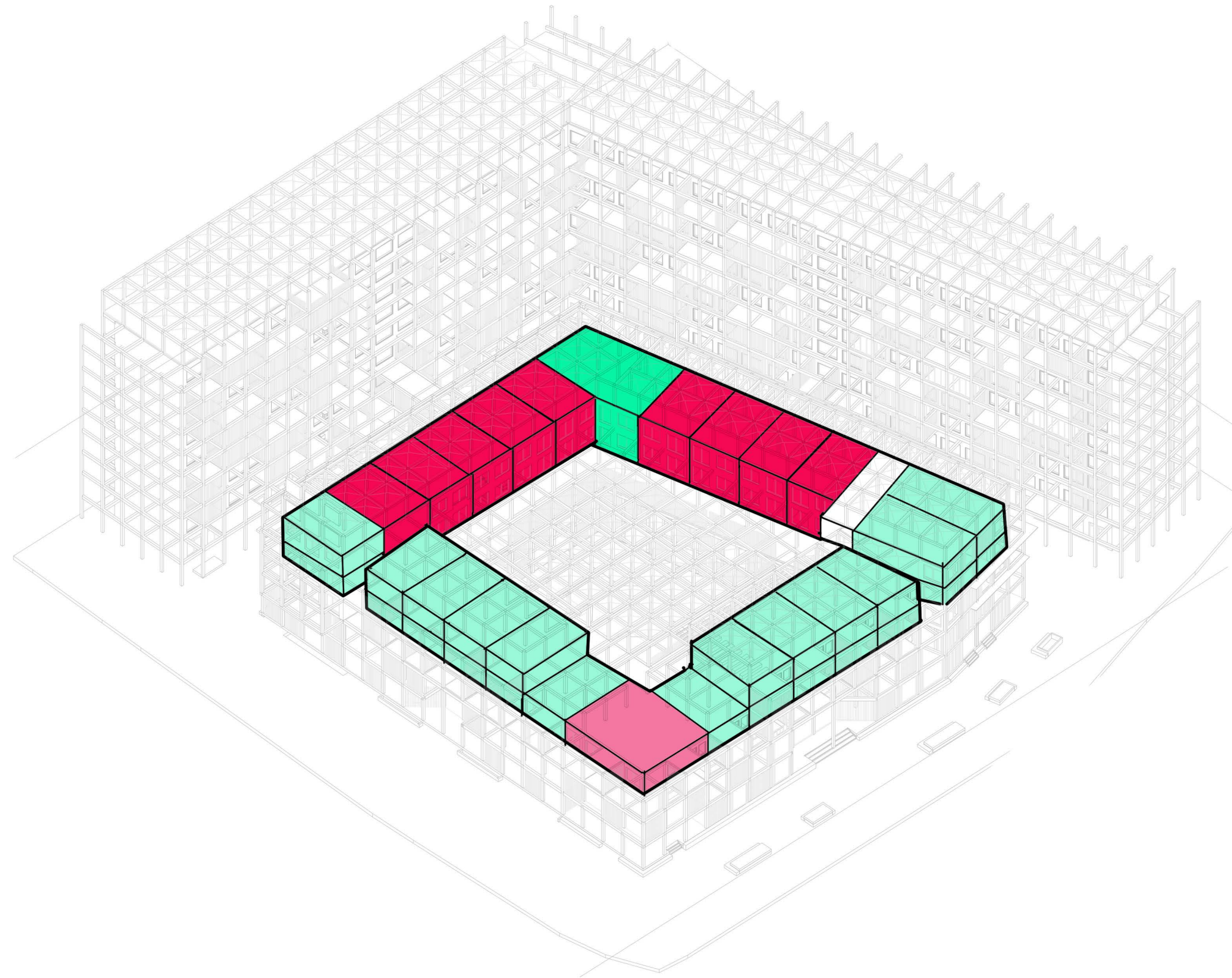
- community area
- storage
- community living room
- classrooms and meeting rooms





Community Centre



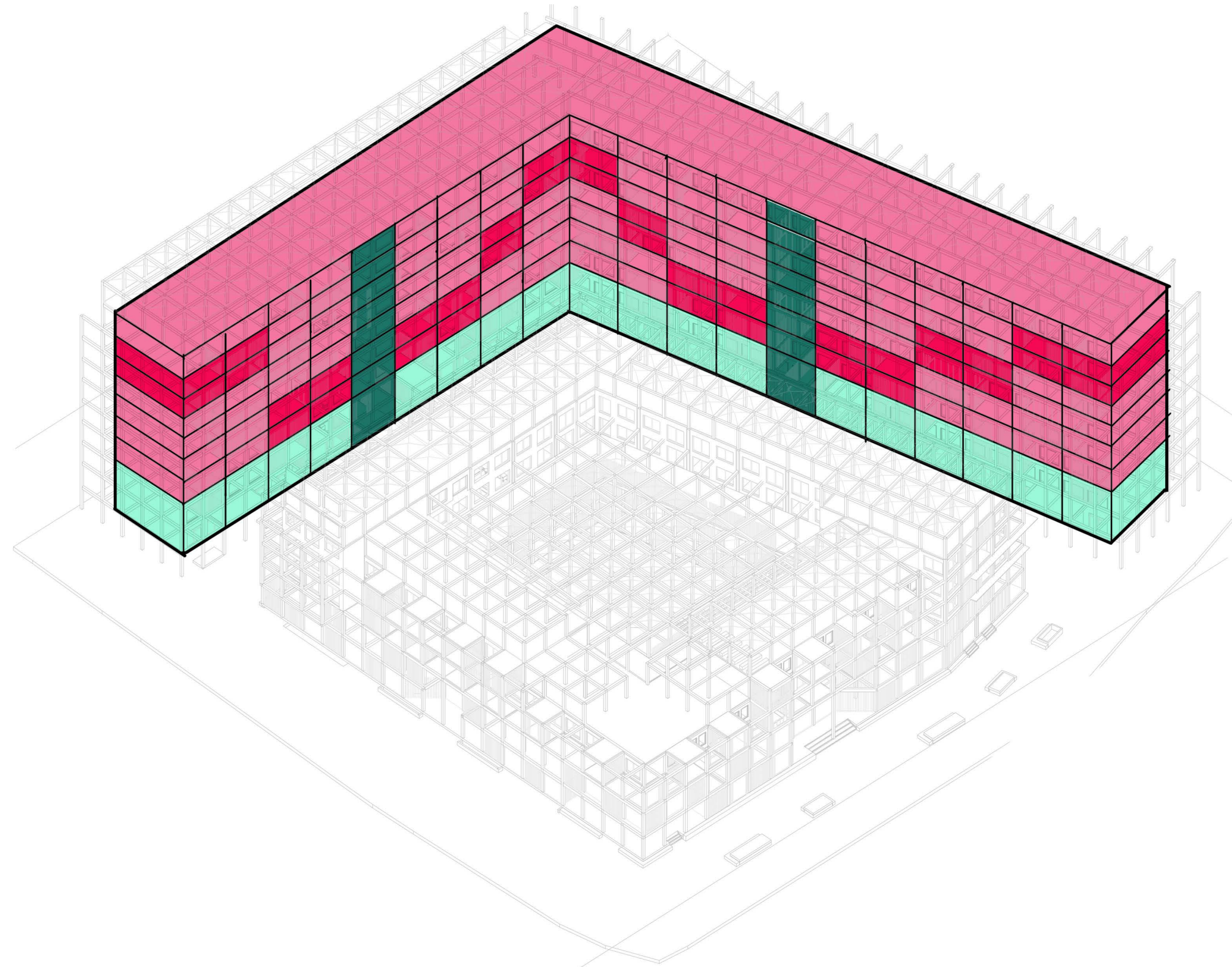
-  **14x** shophouses
-  **4x** big shops


Shophouses



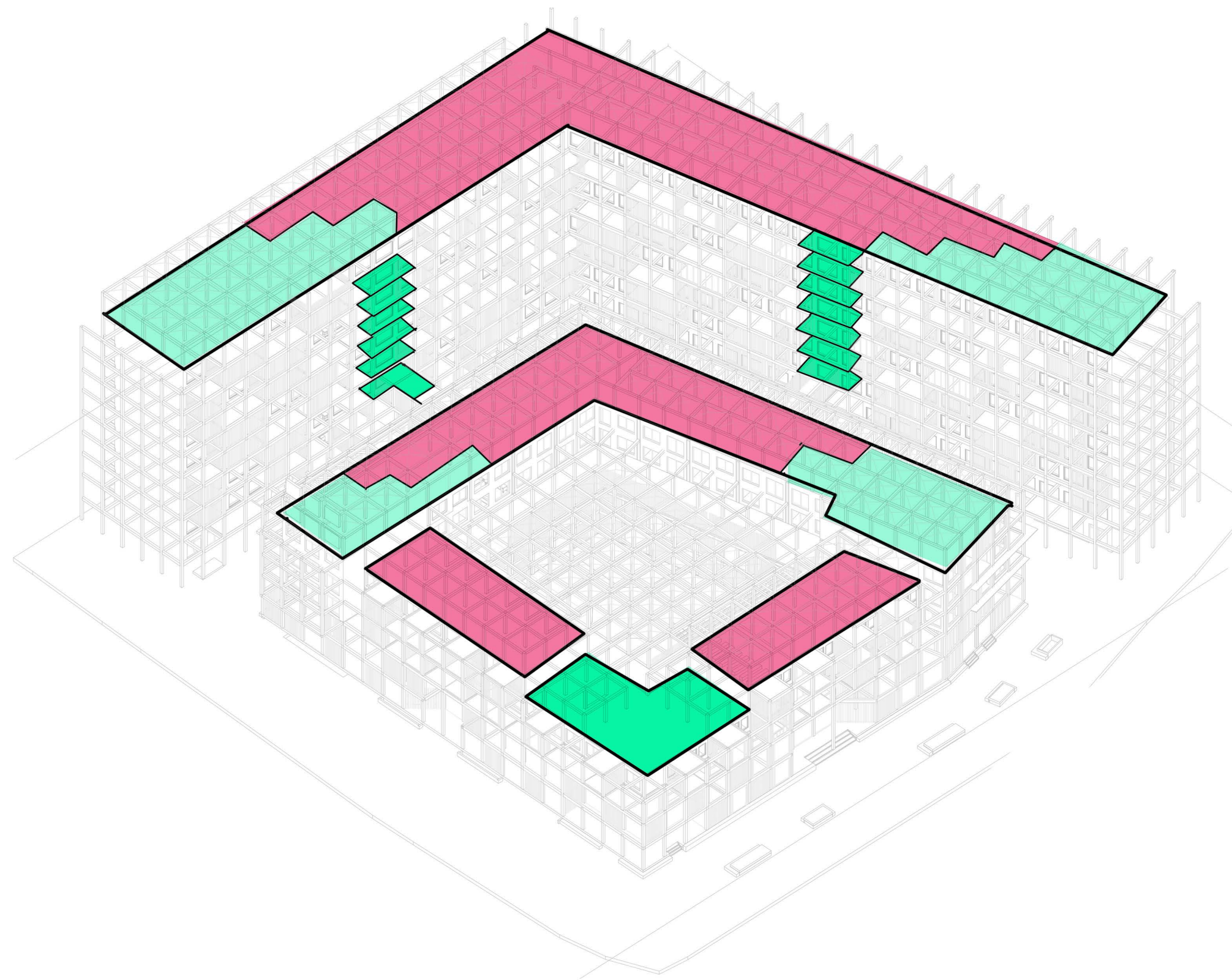
-  **24x** 1 bedroom apartments
-  **9x** 4 bedroom apartment
-  **1x** 2 bedroom apartment
-  **1x** 6 bedroom apartment

Housing new building



-  **18x** shophouses
-  **18x** 4bedroom apartment
-  **90x** 2bedroom apartment
-  **2x** vertical core

Housing old building



- roof indoor farming
- roof outdoor farming
- collective farming

Farming



Wildemarkt



Wildemarkt



Wildemarkt



De Wildemarkt



De Wildemarkt



*Merhaba my friends! I'm Atakan.
Shortly after De wildemarkt opened I started using their kitchen to make bread. I started by selling my bread at someone elses stand, but it has been so succesfull that now I have my own Turkish bakery stand.*



Humans of Wildemarkt: Meet Atakan



De Wildetuin



De Wildetuin

Hey guys! I Am Mark, I am a student. I come to Wildemarkt to study in thier working area. I love the the 'gezelligheid" of the building, specially in the Wildetuin. Even in the winter there is a place to hang out.



Humans of Wildemarkt: Meet Mark



De Wildekeuken



De Wildemarkt



De Wildekeuken



Hallo! I'm Fatma, originally from Morocco. I love to cook and to socialize with people. Wednesday and Friday are my favourite nights of the week, I then cook for the elderly and the less fortunate in the neighbourhood at the Wildermarkt.

Hey! My name is Aya, I am Fatma granddaughter. I definitely got her passion for cooking. I have been using the local kitchen to prepare grandmothers secret pie recipe. Its has been selling daily at the market!! I cant wait to buy a new my little pony with my saved money!!

Humans of Wildemarkt: Meet Fatma and Aya



De Wildestraat



De Wildestraat



Hi Im Chicago

Im from the surrounding neighbourhood but I like to come the Wildemarkt for my daily grocery shopping, to get my hair and nails done and to get a good coffee with a friend.

Humans of Wildemarkt: Meet Chicago



De Wildefarm



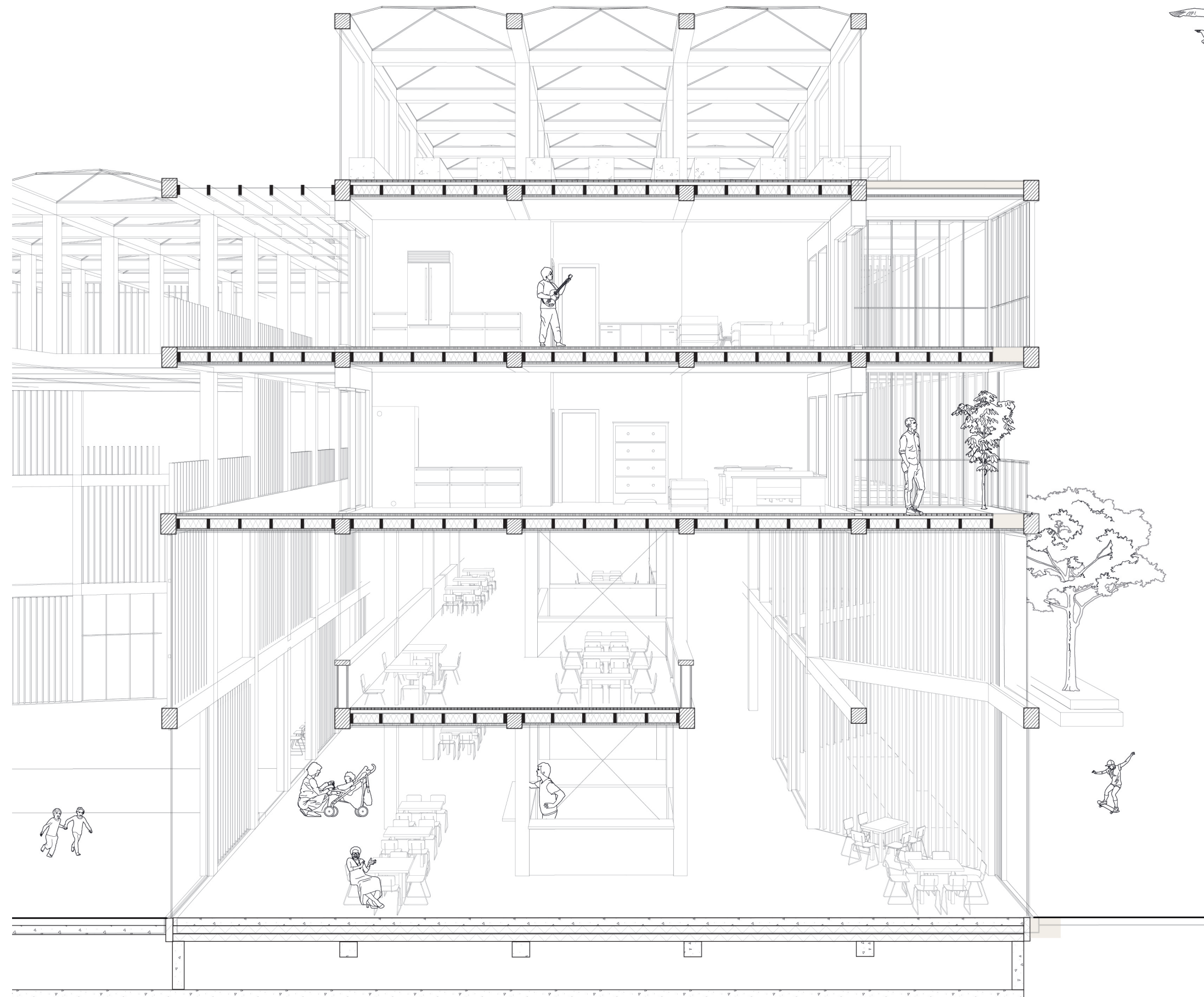
De Wildefarm



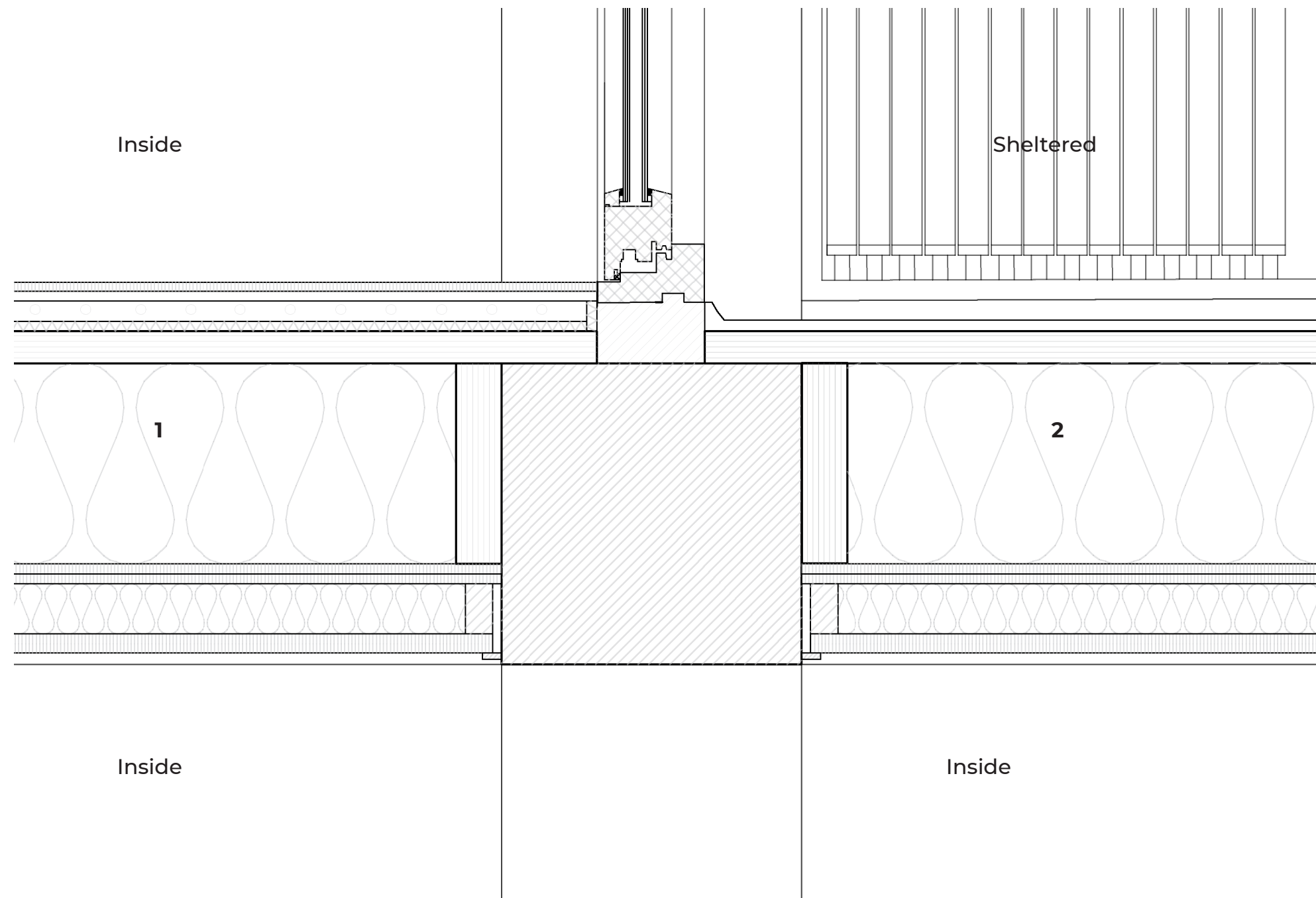
Hey! I'm Kim. Ever since I had my burnout last year I quit my job at the ING Bank and started working part time at the Wildefarm. Having more time really has changed my life, I finally feel motivated to chase my dream of writing a vegan cook book! Life feels easier now!



Humans of Wildemarkt: Meet Kim



Section 1:50



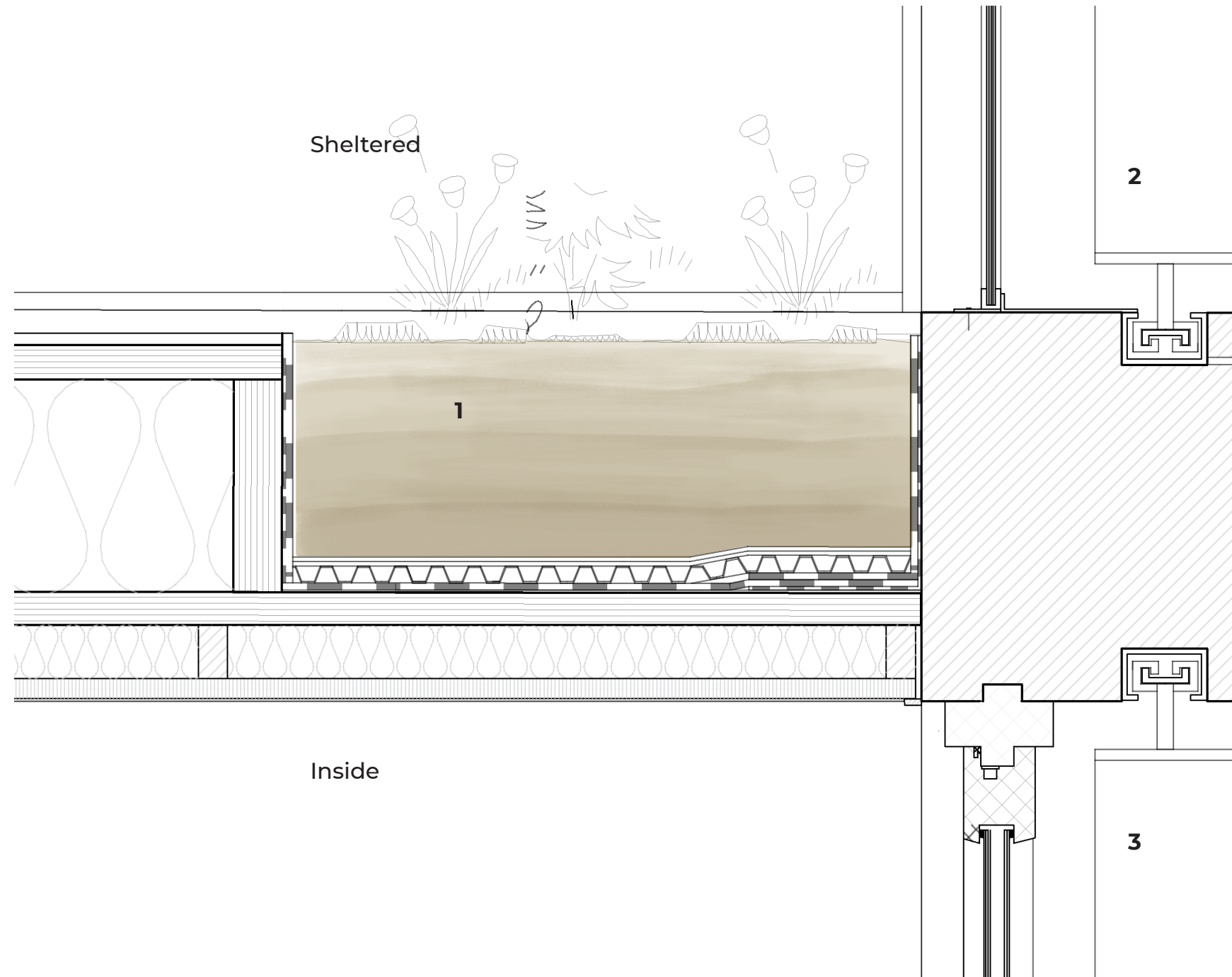
1. Storey floor apartment

- 9mm wooden floor finish
- 9mm filling compound
- 20mm Fermacell studdedplate
- PE construction film
- 10mm XPS insulation
- 32mm Metsa clt top floor plate
- 200mm minerale wol insulation
- 32mm Metsa clt under floor plate
- 2x10mm gypsum fiberboard
- 50mm minerale fibre insulation
- 18mm perforated acoustic panels

2. Wintergarden floor detail

- 11mm epoxy floor
- PE construction film
- 32mm Metsa clt top floor plate
- 200mm minerale wol insulation
- 32mm Metsa clt top floor plate
- 2x10mm gypsum fiberboard
- 50mm minerale fibre insulation
- 18mm perforated acoustic panels

Floor detail 1:5



1. Wintergarden corner detail

- 22mm engineered soil
- 30mm drainage board
- PE construction film
- 200mm minerale wol insulation
- 32mm Metsa clt under floor plate
- 50mm minerale fibre insulation
- 18mm perforated acoustic panels

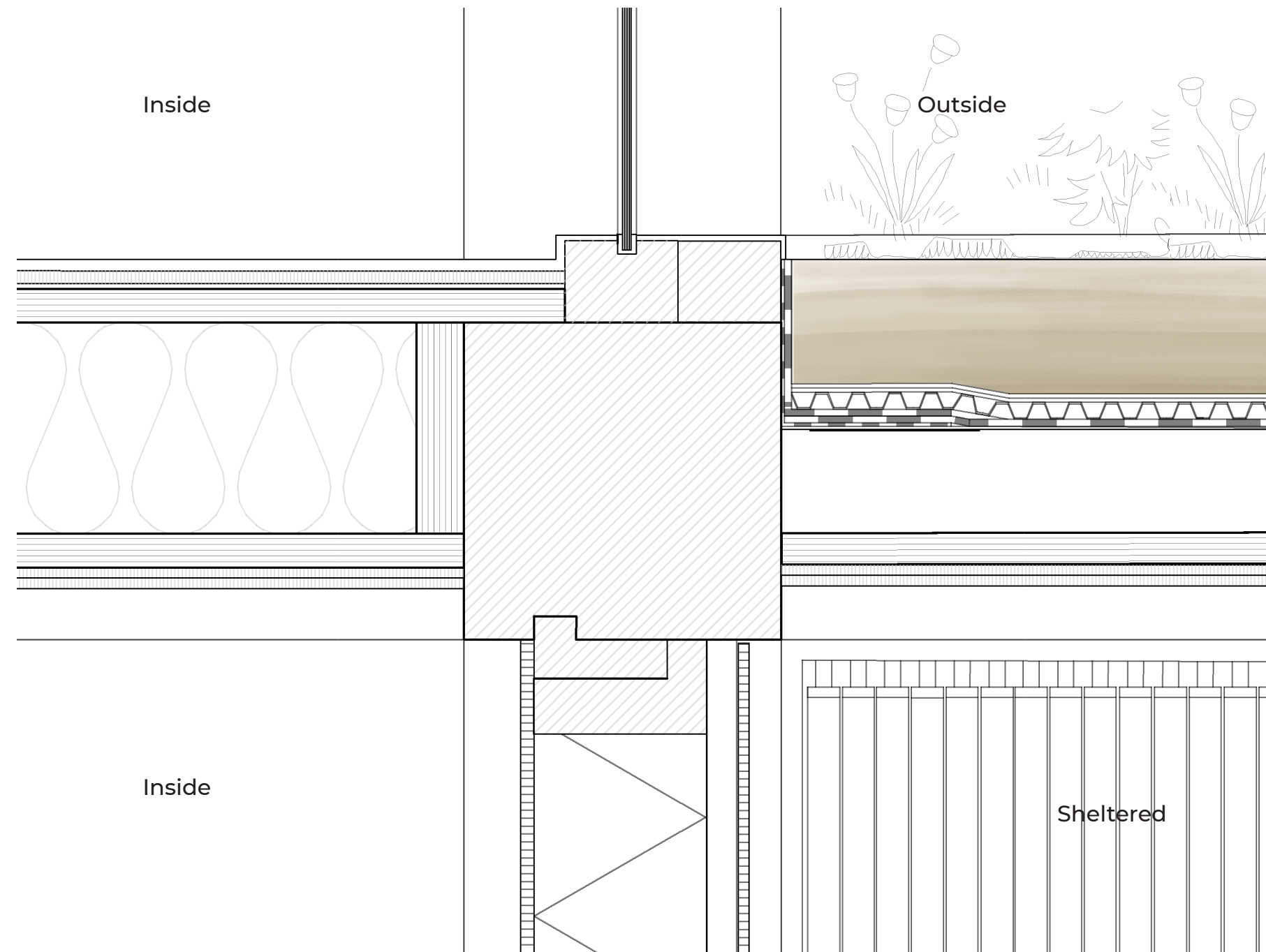
2. Facade wintergarden

- single glass
- vertical wooden louvres

3. Facade market

- double glass
- vertical wooden louvres

Wintergarden detail 1:5

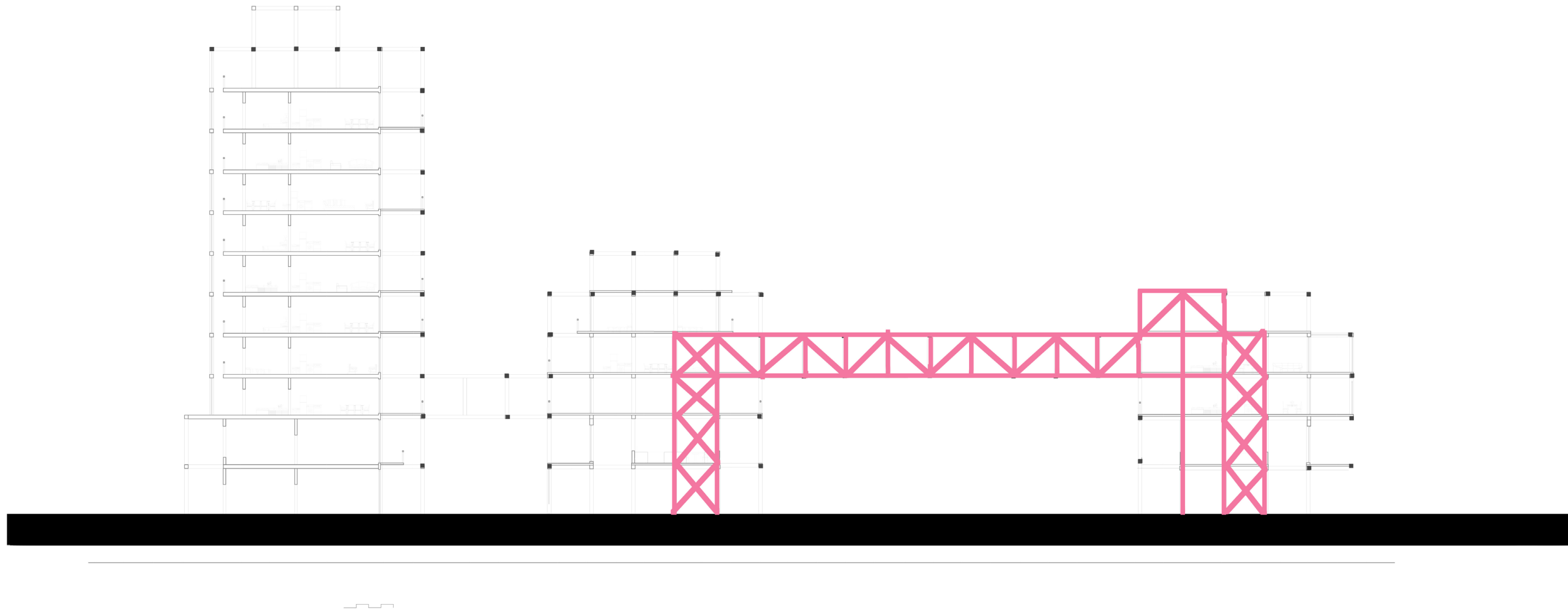


- 1. Inside Floor
 - 11mm epoxy floor
 - PE construction film
 - 12mm t and g chipboard flooring
 - 5mm acoustic membrane
 - 32mm Metsa clt top floor plate
 - 200mm minerale wol insulation
 - 32mm Metsa clt top floor plate
 - 2x10mm gypsum fiberboard

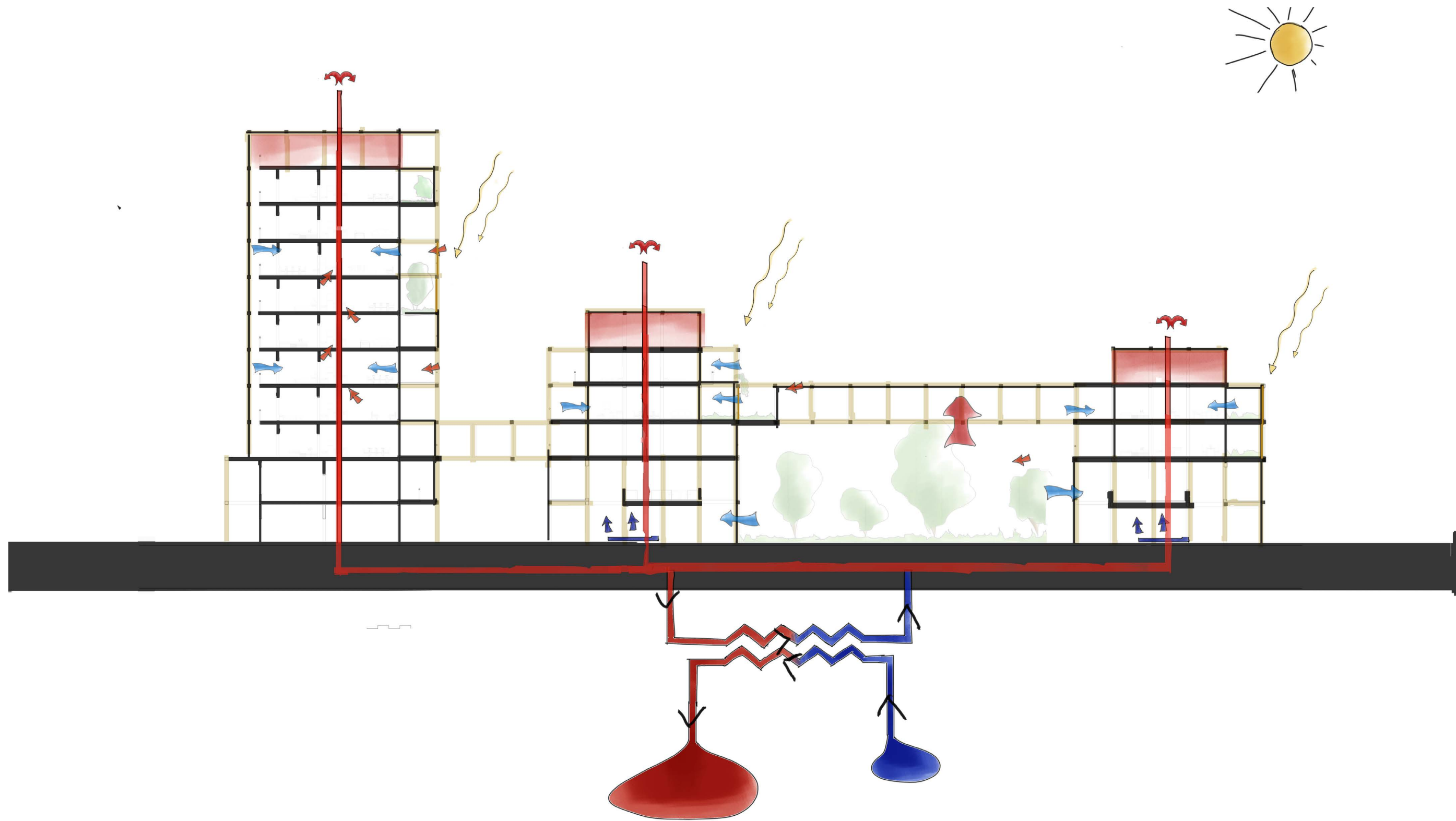
- 2. Outside roof
 - 135mm engineered soil
 - 30mm drainage panel
 - PE construction film
 - 100x60mm clt construction
 - 32mm Metsa clt bottom floor plate
 - 2x10mm gypsum fiberboard

- 3. Facade
 - 10mm timber facade
 - 30mm cavity
 - 160mm insulation panels
 - 12mm interior finish

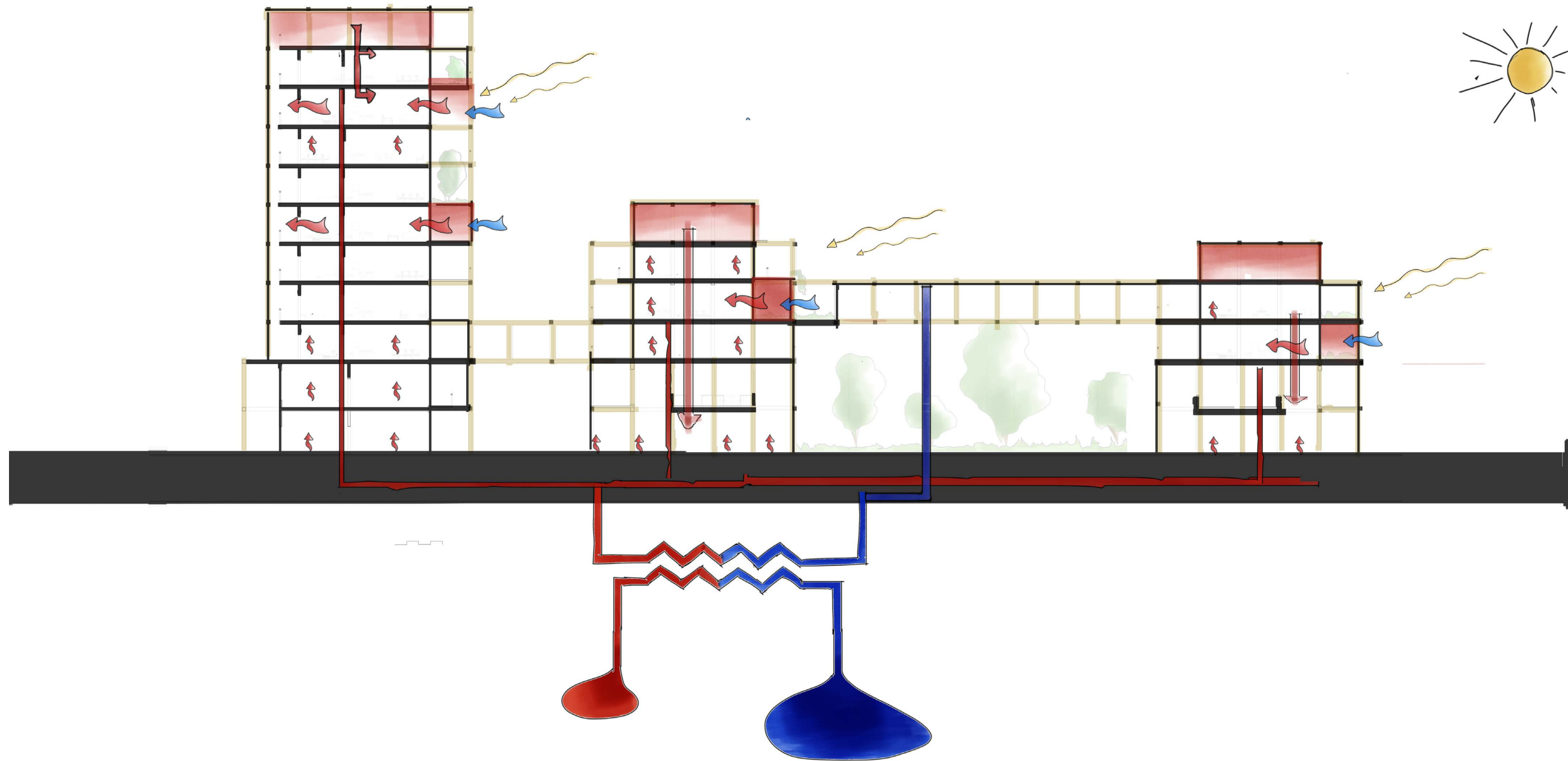
Floor detail 1:5



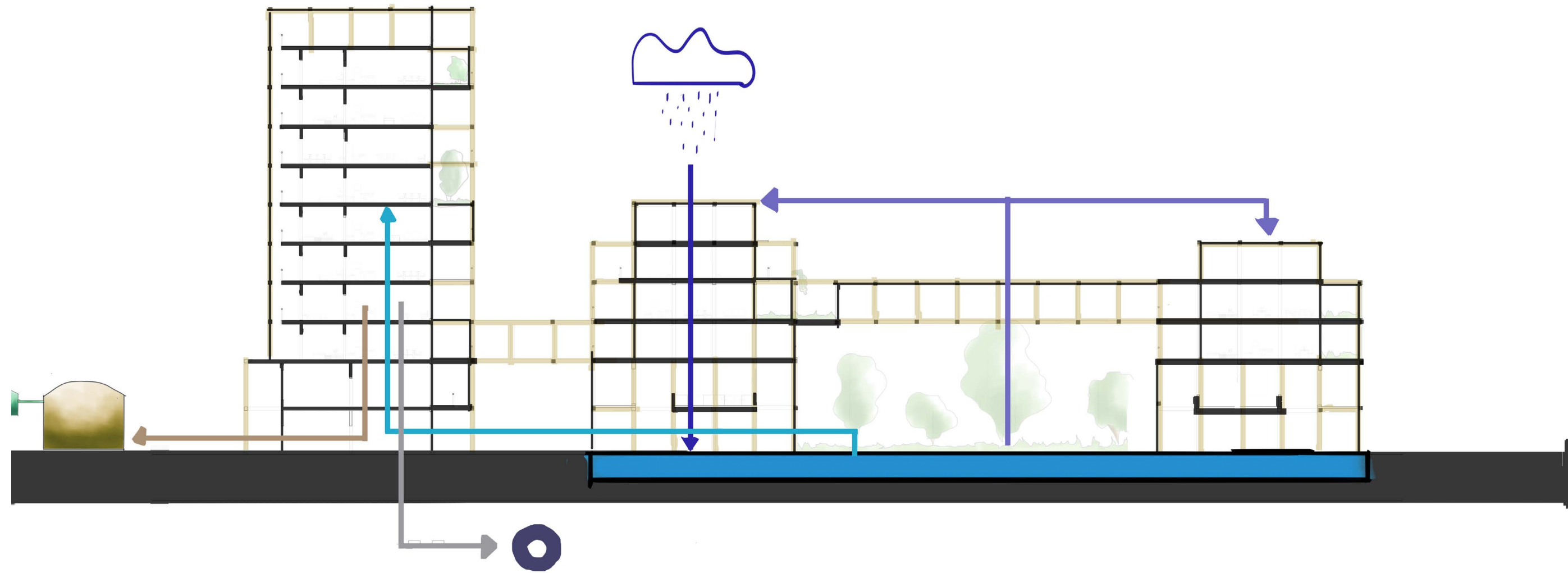
Structure: stability



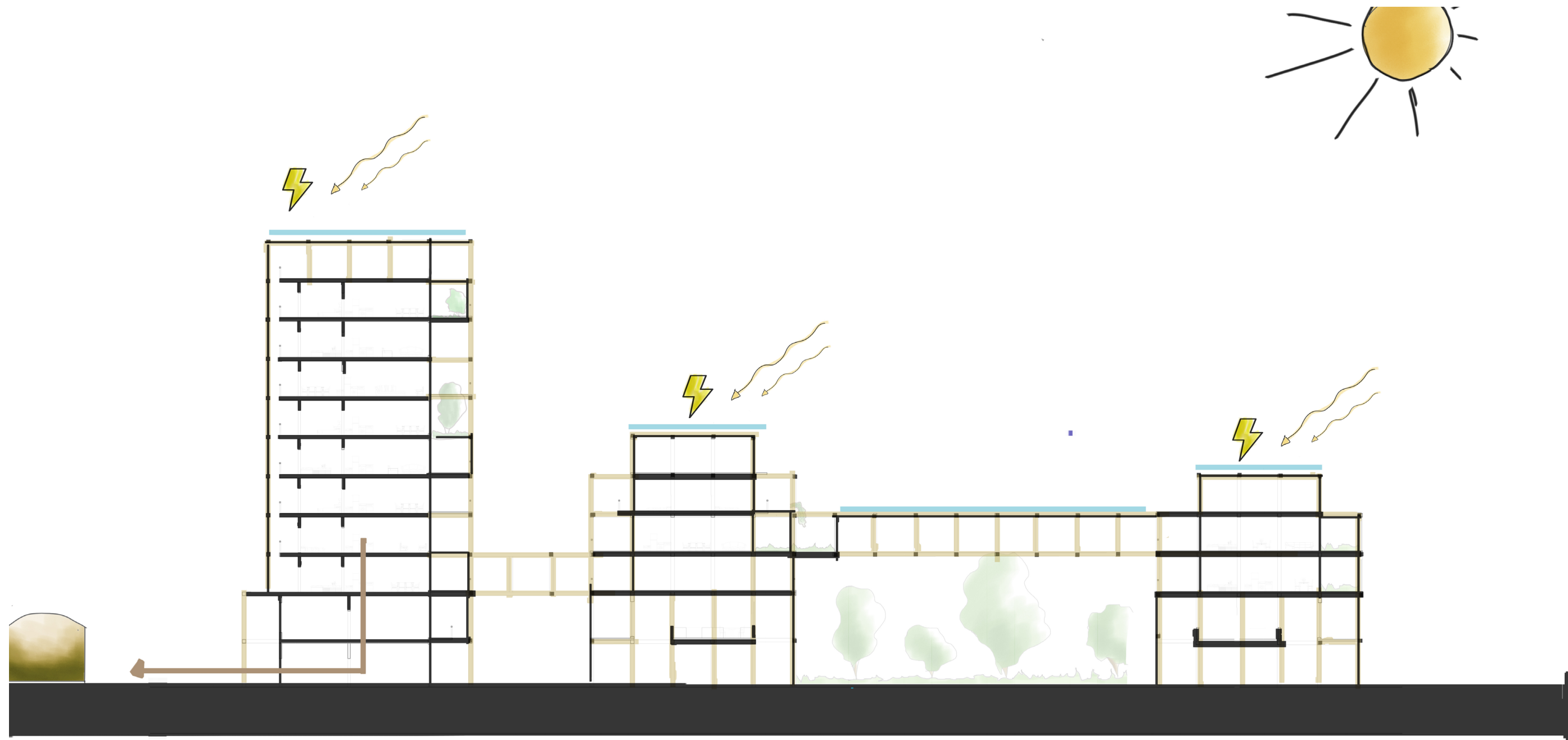
Climate design: Summer



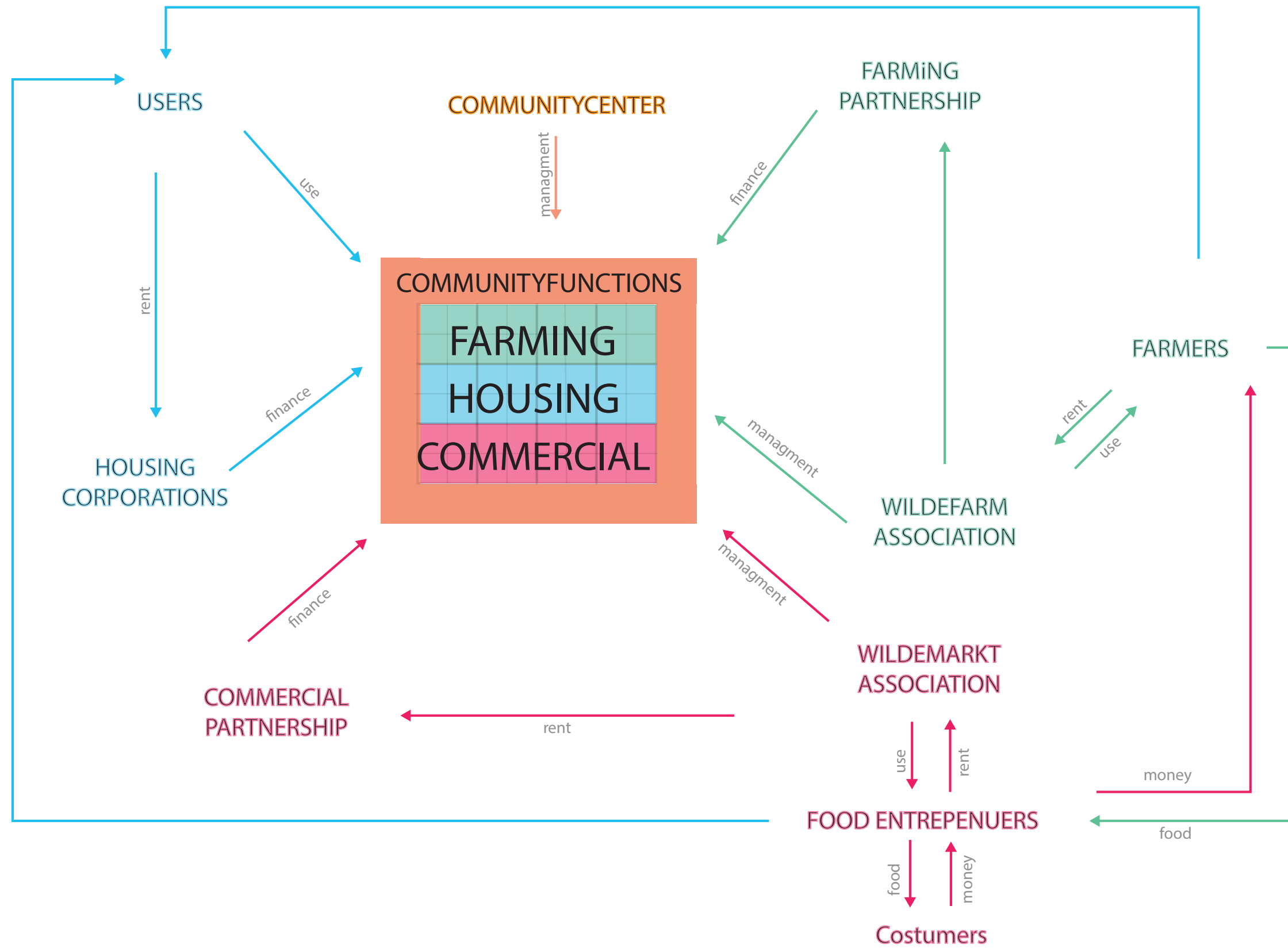
Climate design: Winter



Climate design: water



Climate design: energy

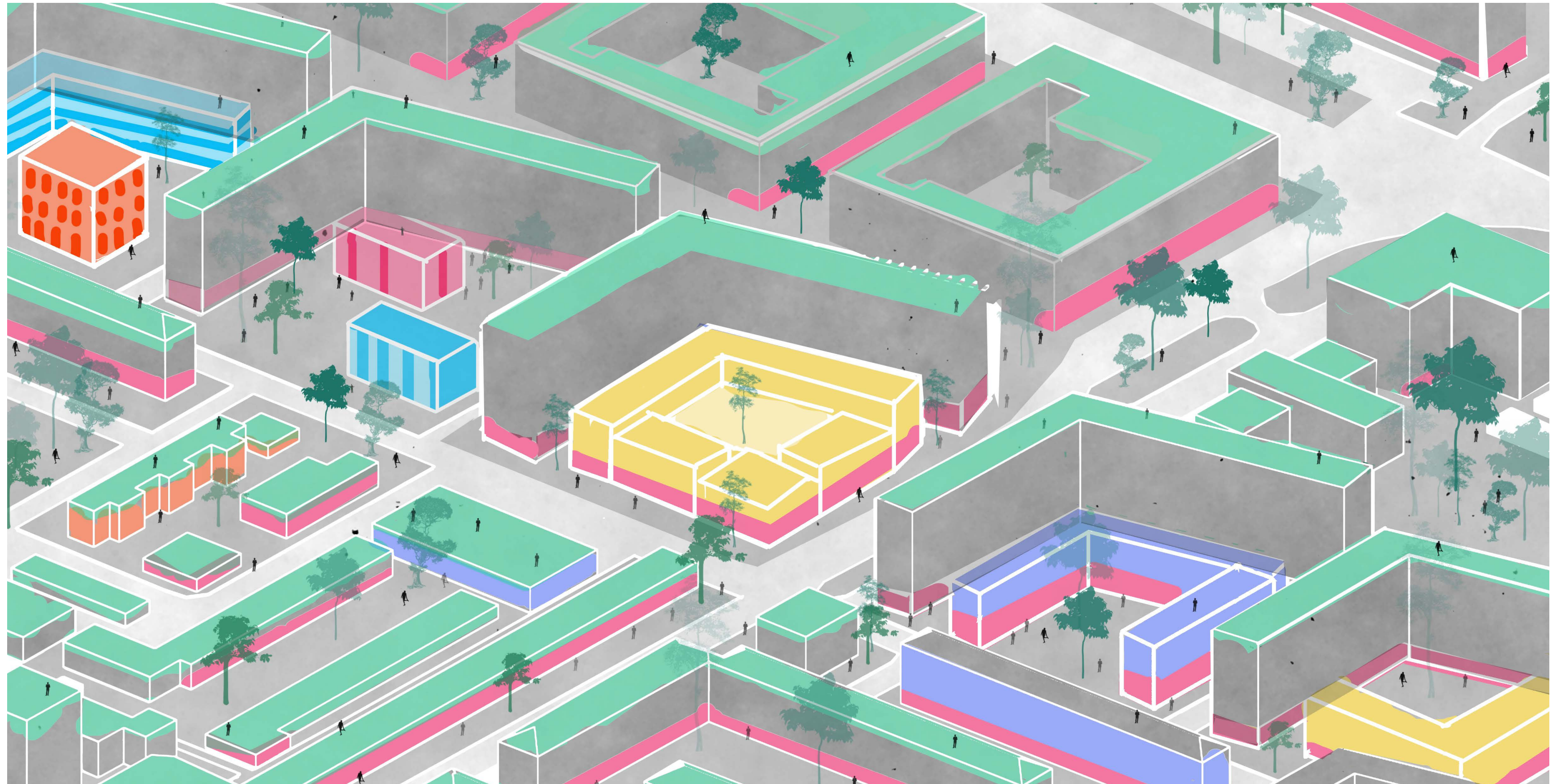


Ymere



X Gemeente
 X Amsterdam
 X Nieuw-West

Stakeholders



Future Vision

THE END