

GENDER? HOME!

Paula Pocol 5613914

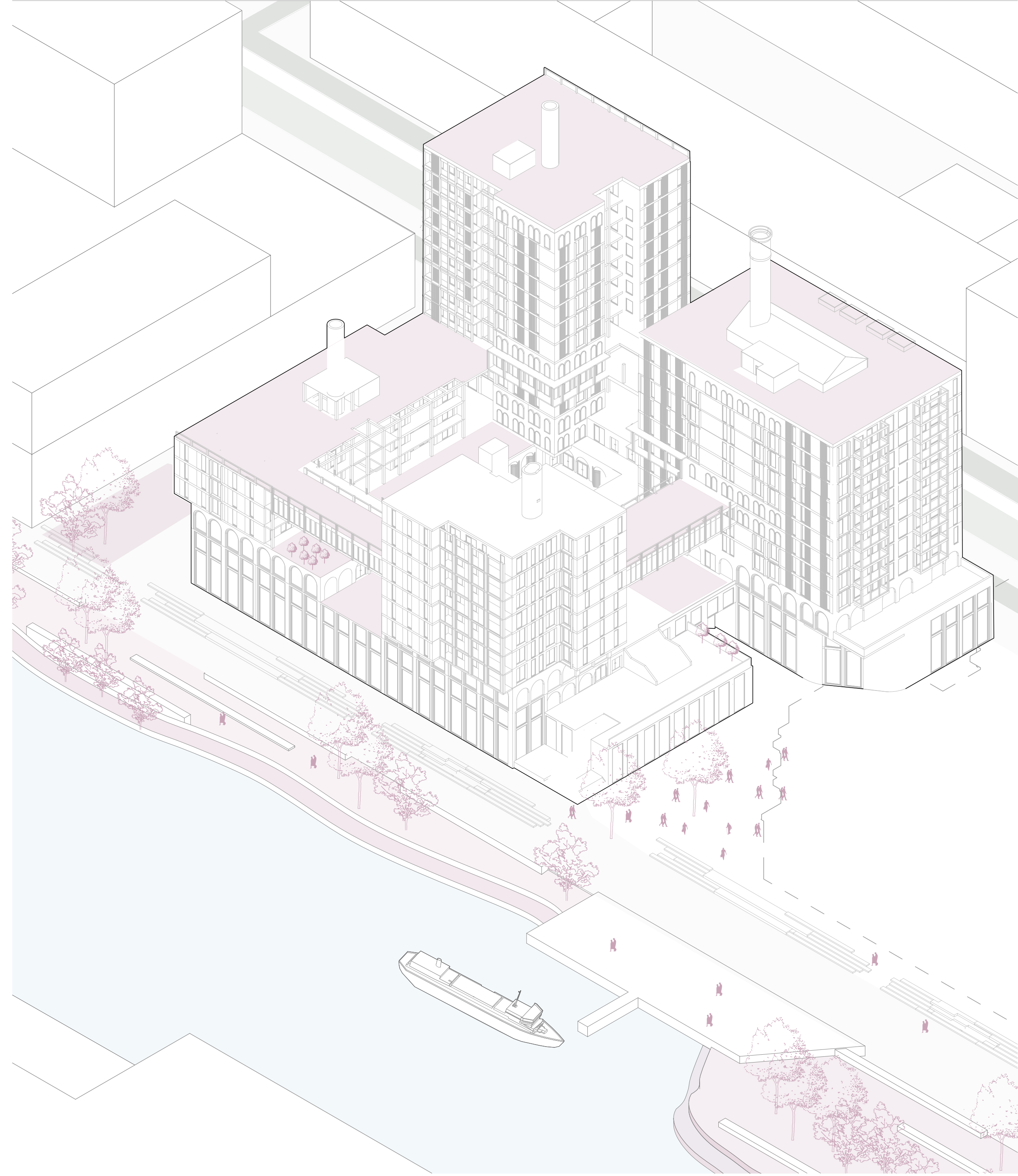


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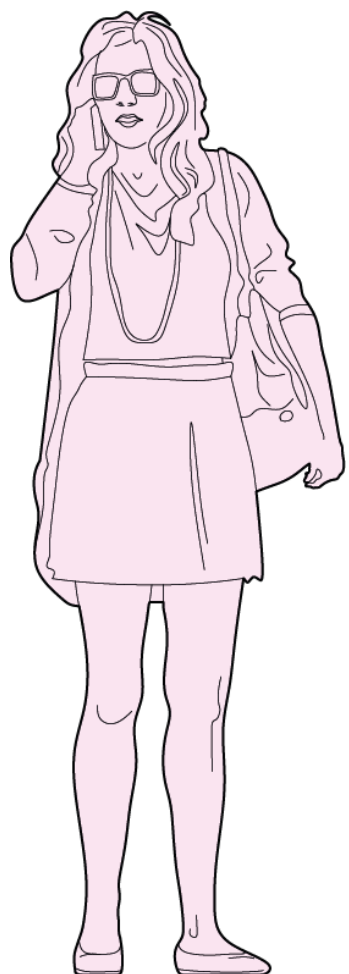
VII. ARCHITECTURAL ELABORATION

I RESEARCH FOCUS

Problématique

THE NEED FOR A GENDER EQUITABLE AND AFFORDABLE DWELLING FOR PEOPLE WITH A MIGRATION BACKGROUND.

The house has been **heavily gendered** throughout history and has contributed to the segregation of **production and social reproduction** and ultimately has confined the latter. With an influx of migrants due to situations such as the Ukrainian war, Brexit and the attractive higher education study opportunities in the Netherlands the house is under a triple strain, gender inequity, improper for the **periphery** and not affordable.



The periphery transcendental state in which all people with a migrant background find themselves in. **It is not a physical place or concept but a state of perpetually not belonging to one culture or one society.** The cultural and societal baggage that is brought from the motherland and the cultural and societal norms that are internalised by living within another culture come together to create an idea of 'home' unique for each individual but divorced from any physical real place. The East European Journal Kajet describes it as a series of contradictory histories and futures. **'to remain local but open, homogeneous but plural, rooted yet adrift, anchored yet aware of what happens beyond one's proximity'**

Simply put, it is **a spiritual in-between.** While all migrants find themselves part of this periphery it in itself has multiple peripheries inside of it.

Theme / Research and Design Aim

THEME:

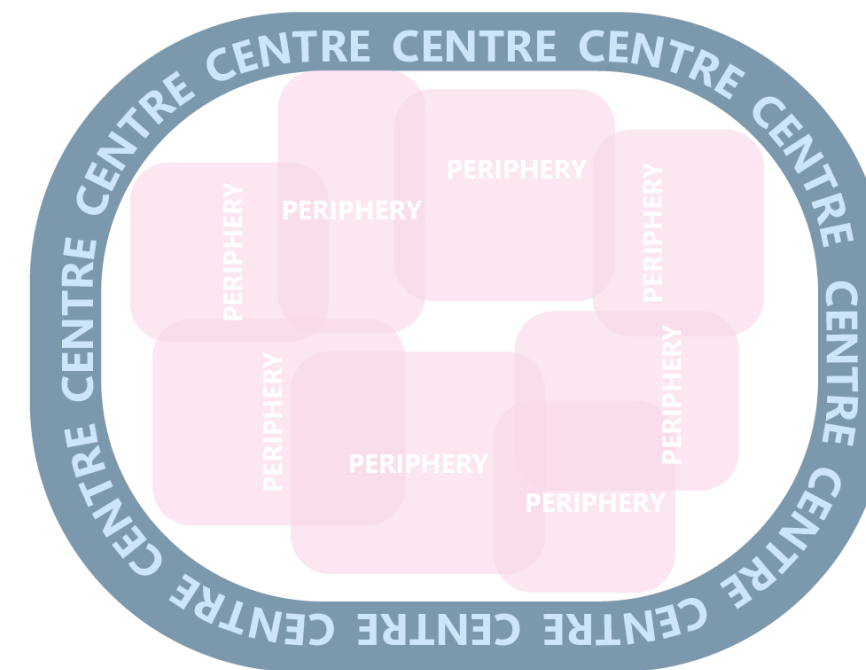
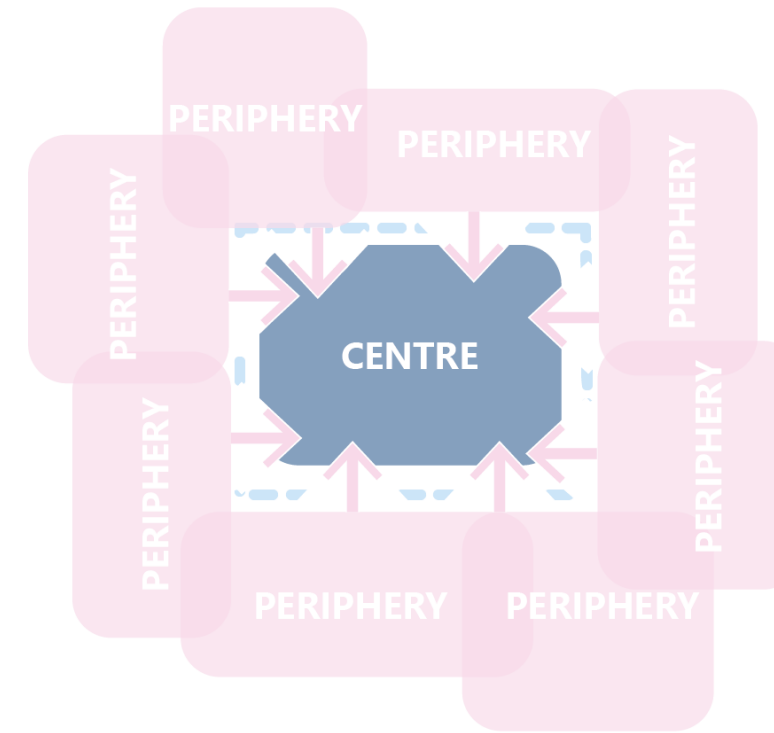
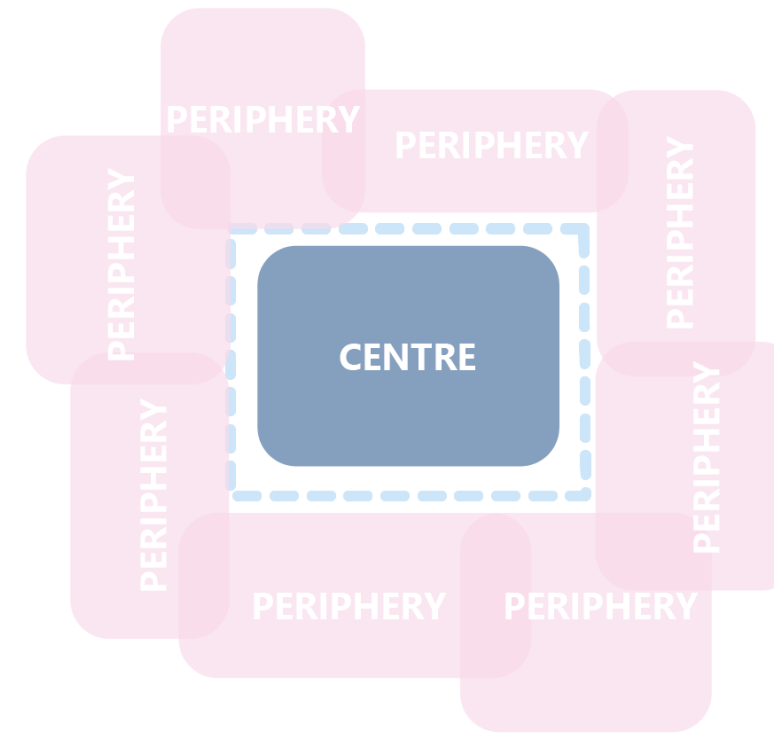
GENDER EQUITY

SUB THEME:

WOMEN AND MIGRATION

RESEARCH AIM :

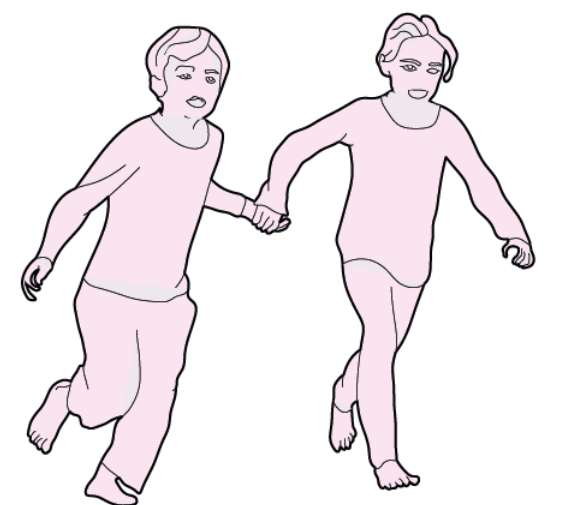
RE-CENTRE THE PERIPHERY



RESEARCH QUESTION AND METHODOLOGY

How can designing a co-operative co-housing model by using the knowledge of the periphery create a gender equitable dwelling?

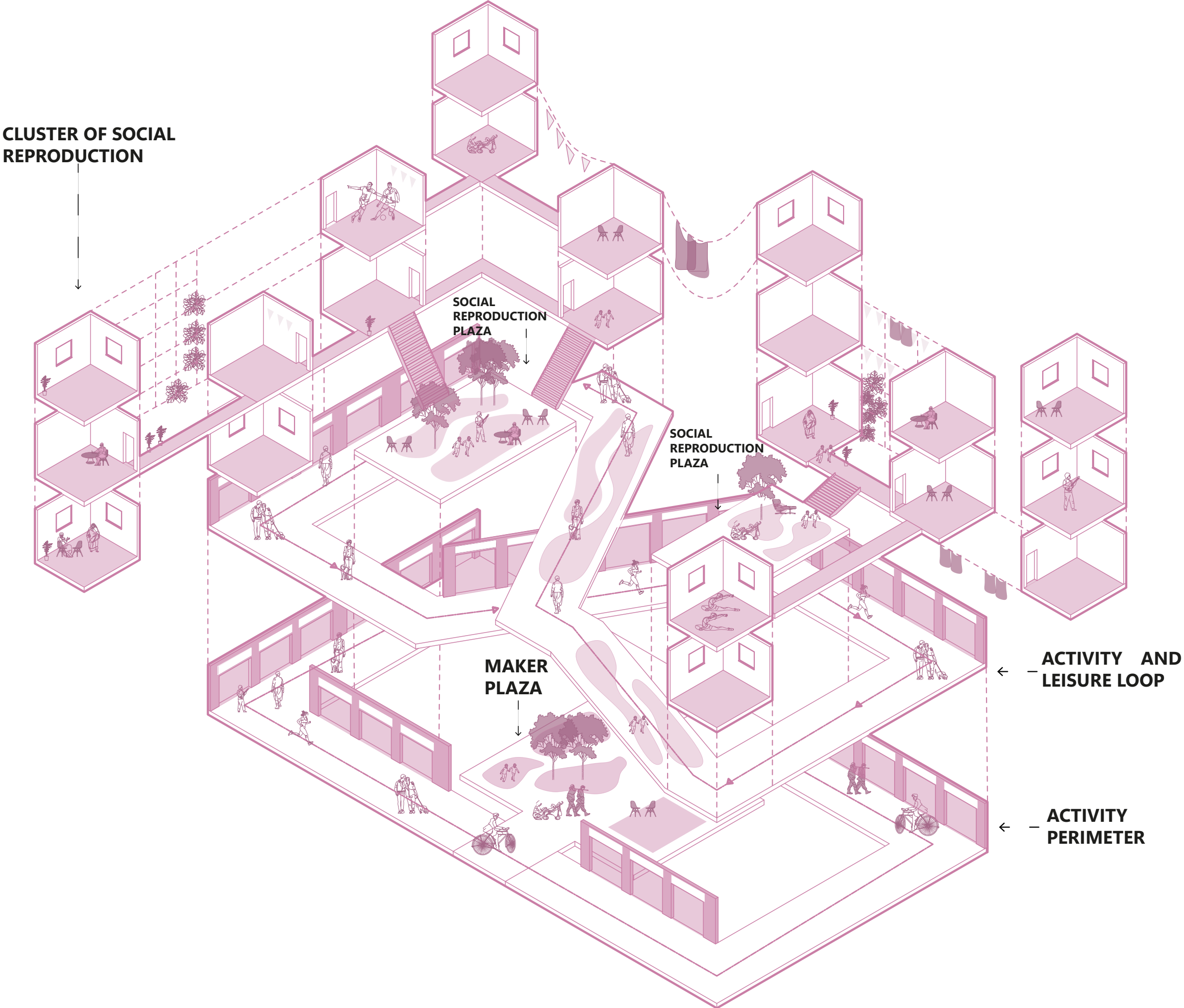
- **Literature Review**
- **Study case analysis**
- **Using my position as a member of the periphery**



Production and Social Reproduction

There is a two fold reasoning and benefit in integrating the concepts of working and production with the theme of gender equity within the dwelling.

- The first dimension of it is providing urban safety, an active and producing ground floor reduces the opportunity of antisocial behavior. Bringing the eyes on the street.
- The second reasoning is the opportunity offered to question the separation of production and social reproduction, blur the line between and redefine their relationship



Questioning the division of production and social reproduction

Affordability

- Co-operative housing
- Working Cooperatives

Community Making

- Social
- Collective facilities

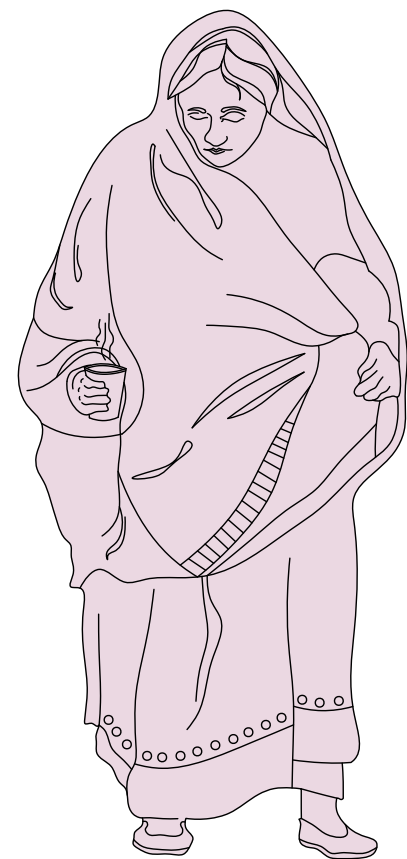
Programmatic Synergy

- Complementary programs
- Production and social

Analysing the Mundane

'Culture made in the kitchen '

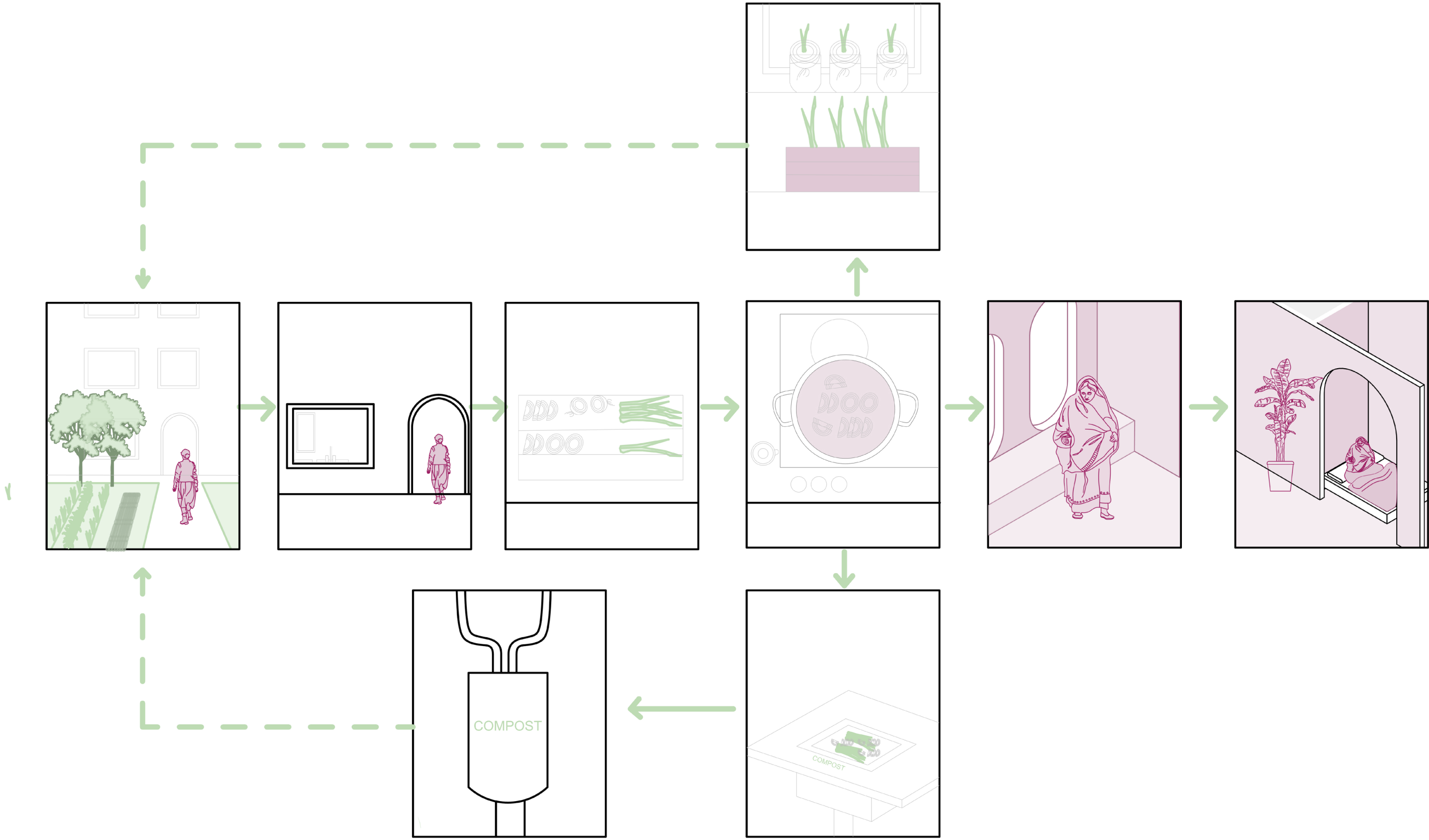
I choose to focus on **mundane domestic activities** related to cooking as they perfectly walk the line between production and social reproduction. When it comes to food the same process if considered on a small scale (domestic) can be taken as **social reproduction**, if the larger scale is considered then cooking becomes a factory process, **production**. But the activity has more nuance than that. It is part of social reproduction processes such as child rearing but it is also part of productive monetized processes such as restaurants.



In the work of Patricia Becus ' Don't call this 'Unsalted Writing' arguments through the use of recipe books as **historico-cultural** objects that cooking and record keeping through recipe writing and exchange is **feminist labour**, a position that second wave feminists of the western sphere sit in opposition of (a position questioned by later waves of feminist writers but nonetheless a step that was necessary within the western sphere) . (Becus, 156) It is exactly these seemingly **opposing narratives** between global east and global west that make my research into gender equity for women of the periphery an imperative.

Analysing the Mundane

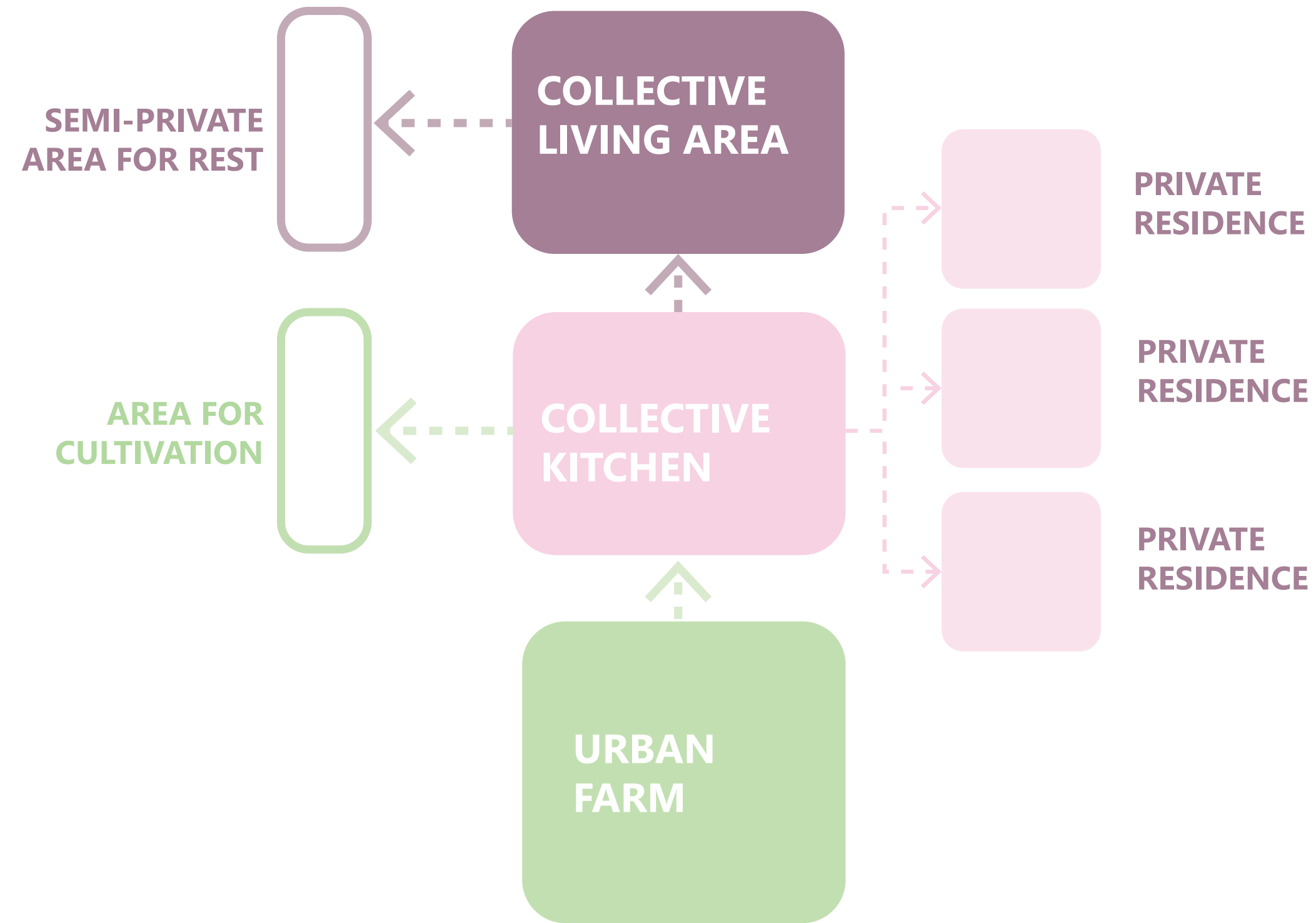
Drink your onion tea



- 1. Take onion from garden.
- 2. Peel and chop the onion
- 3. Boil the onion for 10 minutes
- 4. Propagate the onion root
- 5. Compost the rest
- 6. Add honey to your tea and enjoy it

Spatial sequencing

Drink your onion tea



- Urban Farming / Garden
- Collective Kitchen + Living area
- Private Dwelling

Prototyping ways of living

Drink your onion tea

Space 1 : Collective Garden

Either one or several households share a collective garden / cultivation areas that can provide basic cooking ingredients and herbs, things that the inhabitants use everyday

Space 2 : Collective Kitchen

Collective / Communal Kitchens directly linked to the garden / cultivation area

Space 3 : Propagation box

Area to propagate the onion roots Can be a deep window sill or another kitchen adjacent space

Space 4 : Collective Leisure area

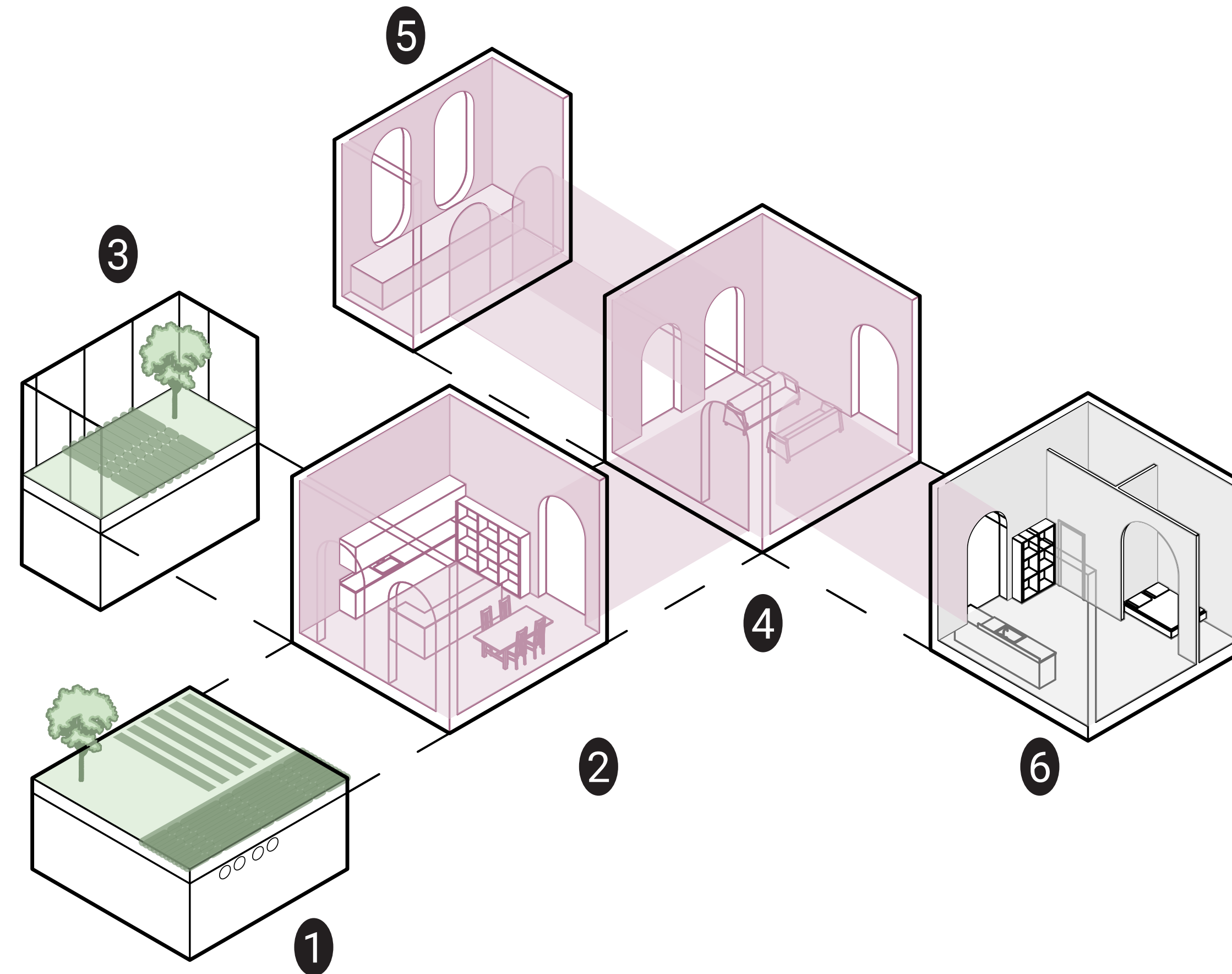
Communal space linked to the kitchen used for socializing, potential use as dining room for larger parties that do not fit in the private dwelling

Space 5:

Smaller communal space .More private than the other one, but still accessible area, could take the form of an alcove

Space 6:

Private Pod, could be an apartment or a room



- Urban Farming / Garden
- Collective Kitchen + Living area
- Private Dwelling

Spatial sequence Prototype

Dumpling making

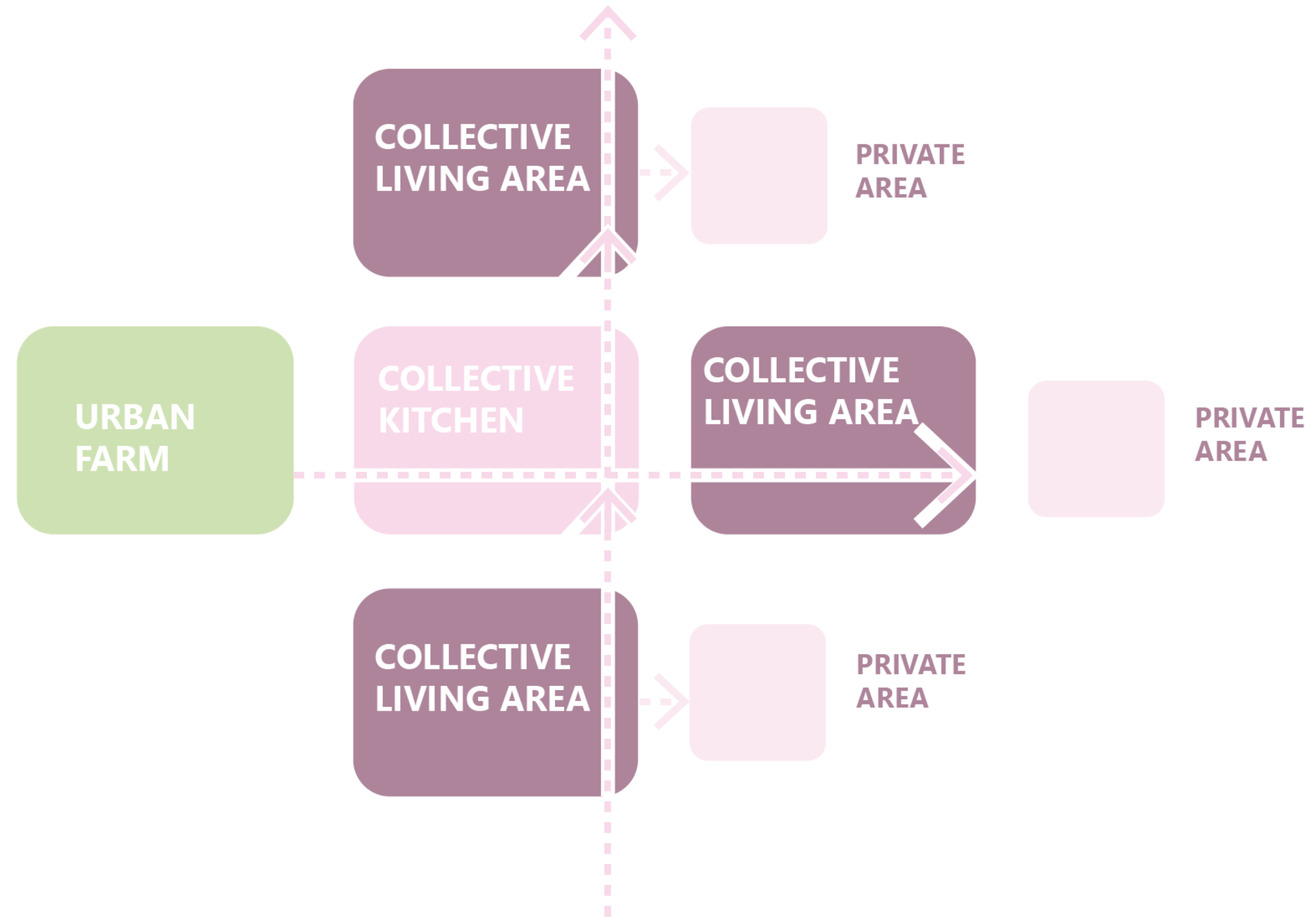
Process

- Step 1: Grocery and Garden Harvesting
- Step 2: Set up in the kitchen
 - Step 2.1 : Compost by-products
 - Step 2.2 : Compost Goes back to the urban farm
- Step 3: Start Forming the Dumplings
 - Step 3.1: Gossip
 - Step 3.2: Watch media
- Step 4: Be joined by people
- Step 4.1 Leave your private enclosure
- Step 5: Boil or fry the Dumplings
- Step 6: Gossip some more
- Step 7: People migrate from their private enclosure to the communal areas
- Step 8: People migrate from their private enclosure to the communal areas



Spatial sequencing

Dumpling making



- Urban Farming / Garden
- Collective Kitchen + Living area
- Private Dwelling

Spatial sequence Prototype

Dumpling making

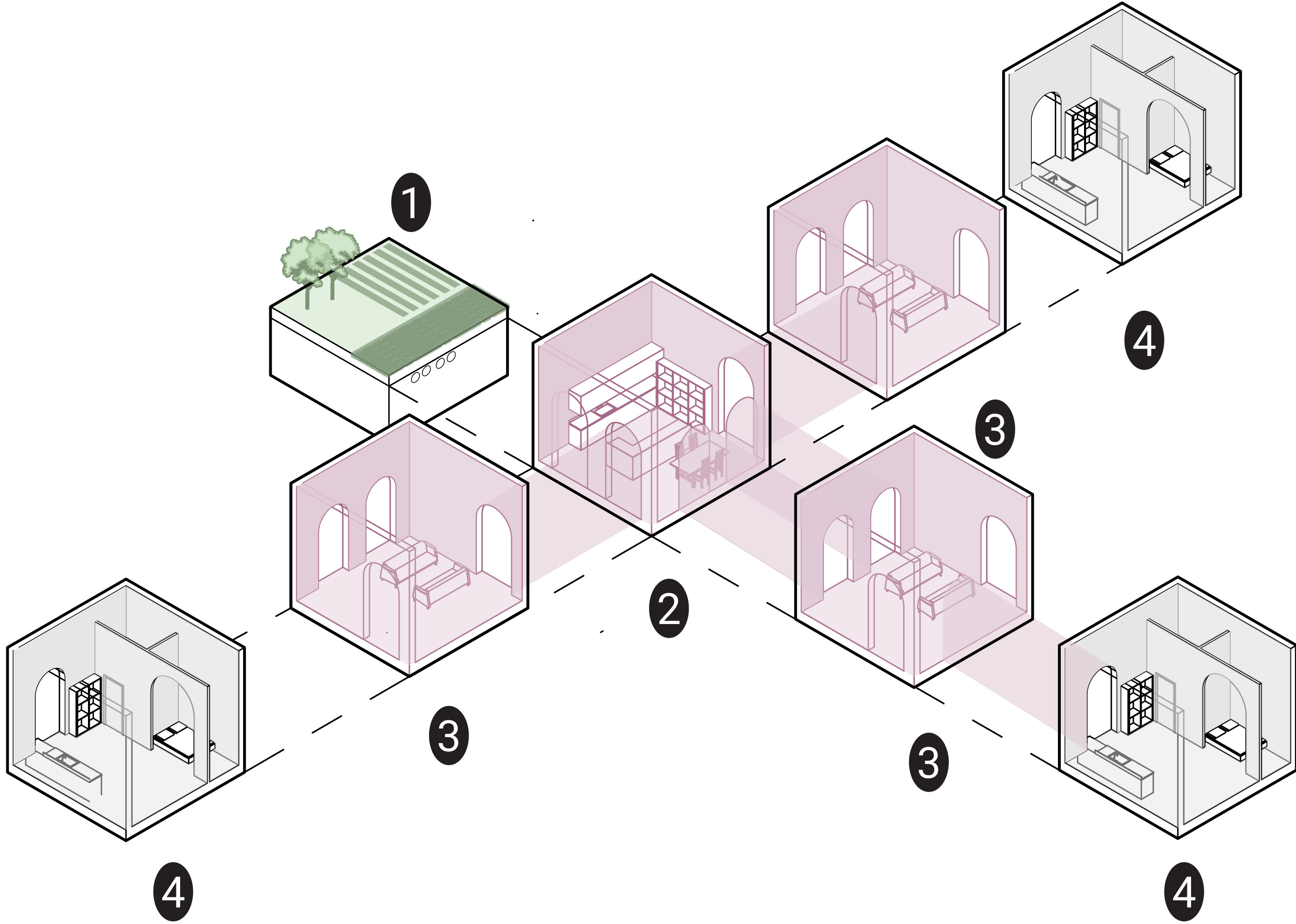
Note :

Space 1 : Collective Garden
 Either one or several households share a collective garden / cultivation areas that can provide basic cooking ingredients and herbs, things that the inhabitants use everyday

Space 2 : Collective Kitchen
 Collective / Communal Kitchens directly linked to the garden / cultivation area

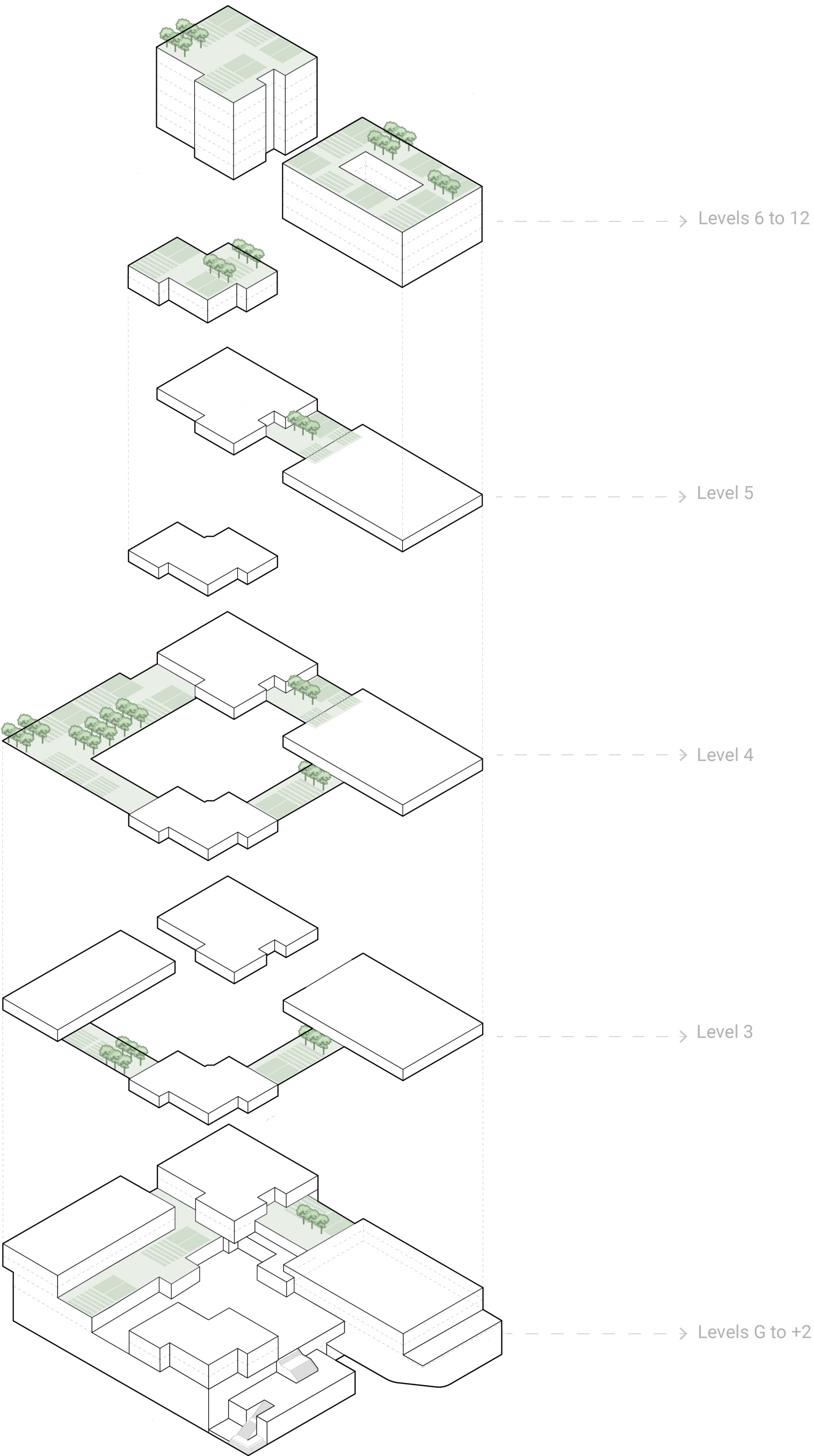
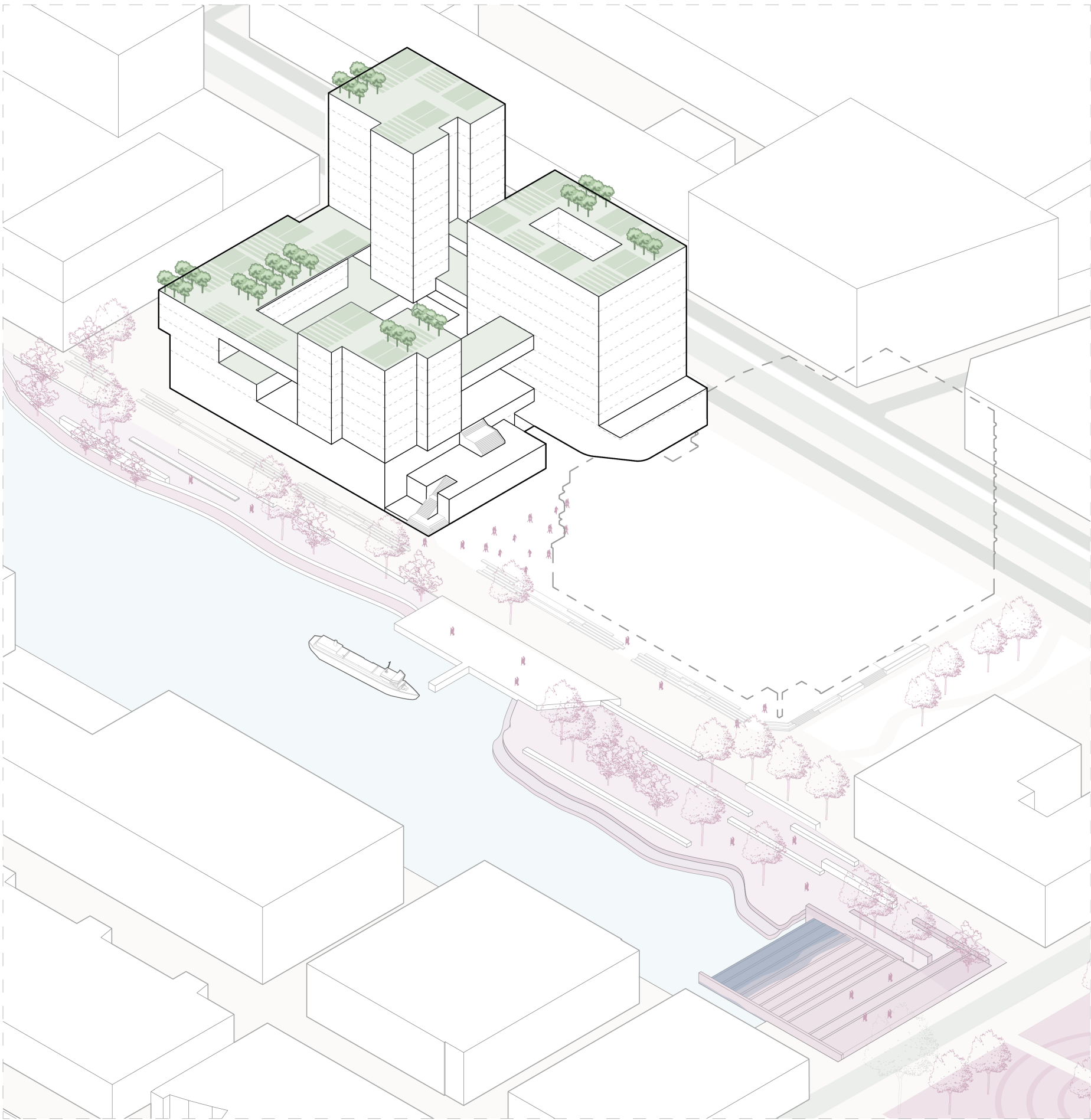
Space 3 : Collective Leisure area
 Communal space linked to the kitchen used for socializing, potential use as dining room for larger parties that do not fit in the private dwelling. The collective areas surround the kitchen creating opportunity for socializing and community making

Space 4:
 Private Pod, could be an apartment or a room



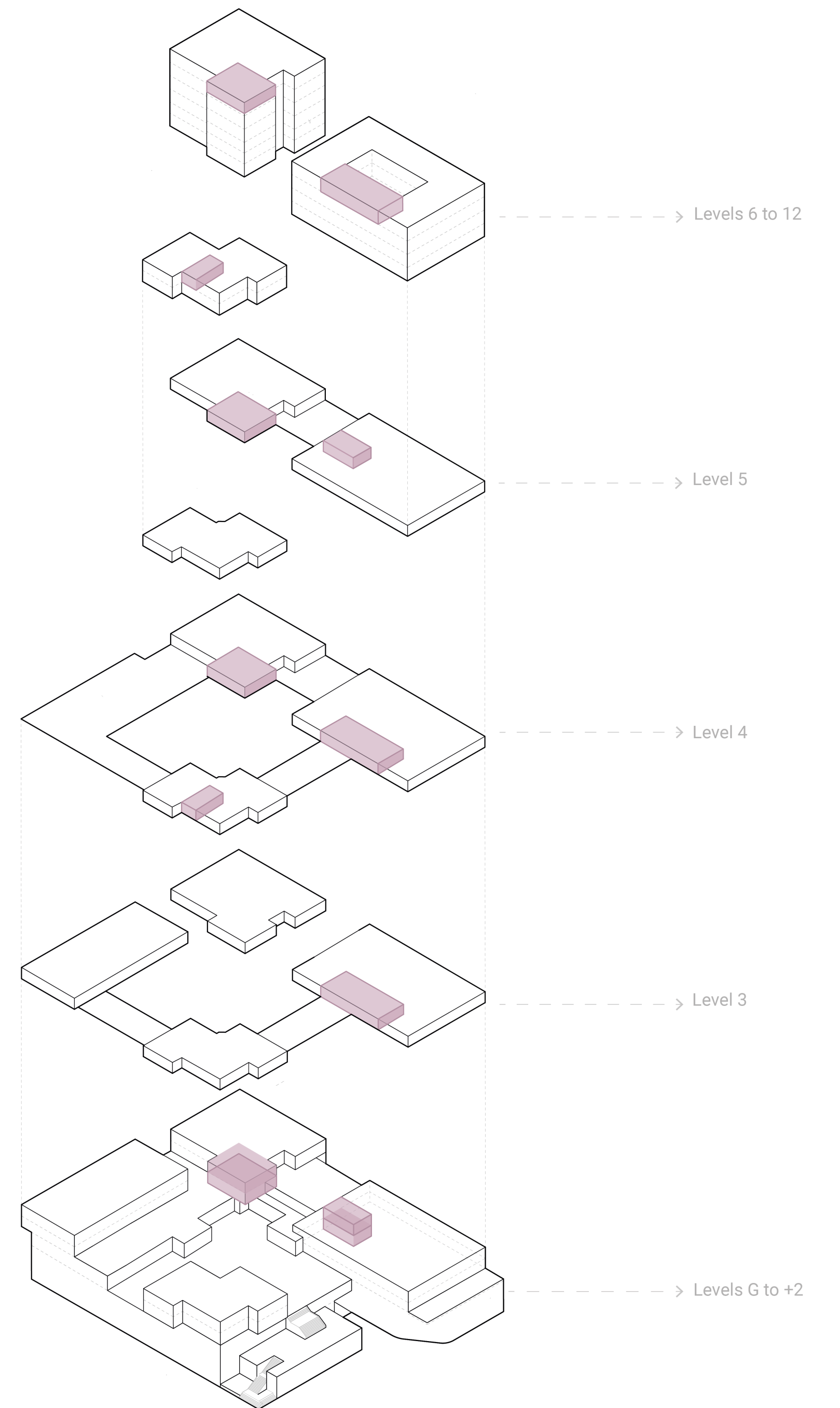
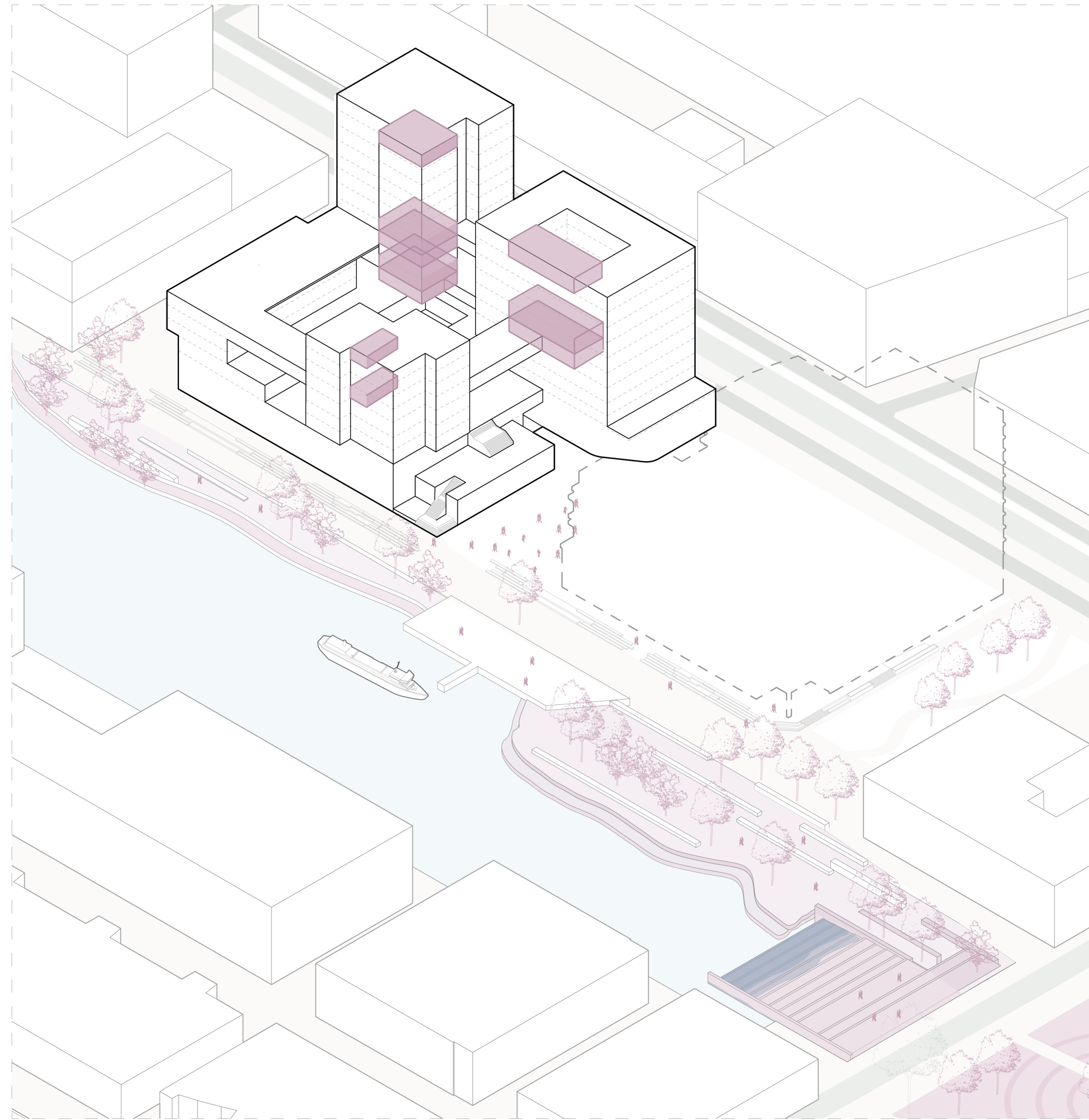
- Urban Farming / Garden
- Collective Kitchen + Living area
- Private Dwelling

Urban Kitchen



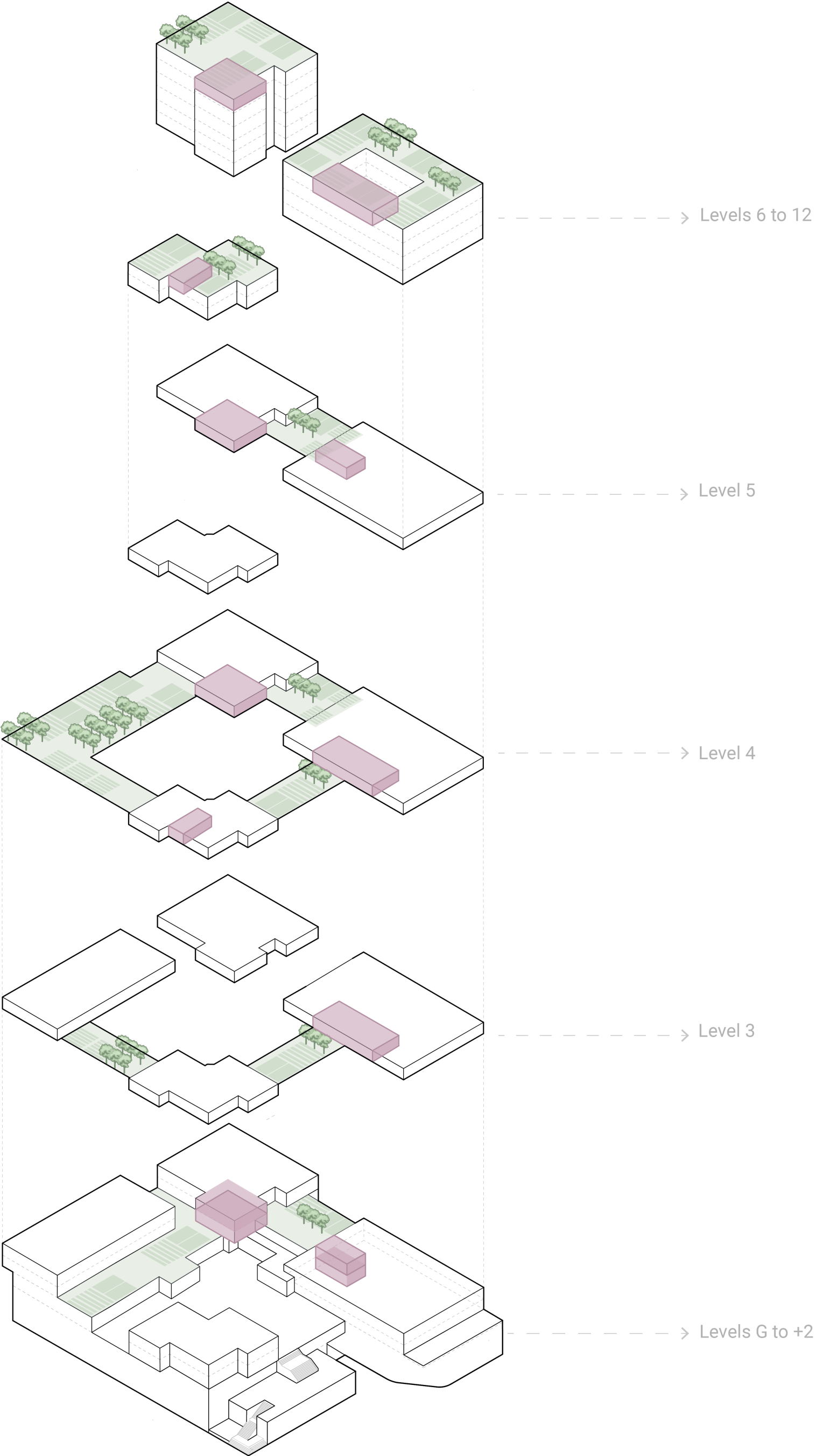
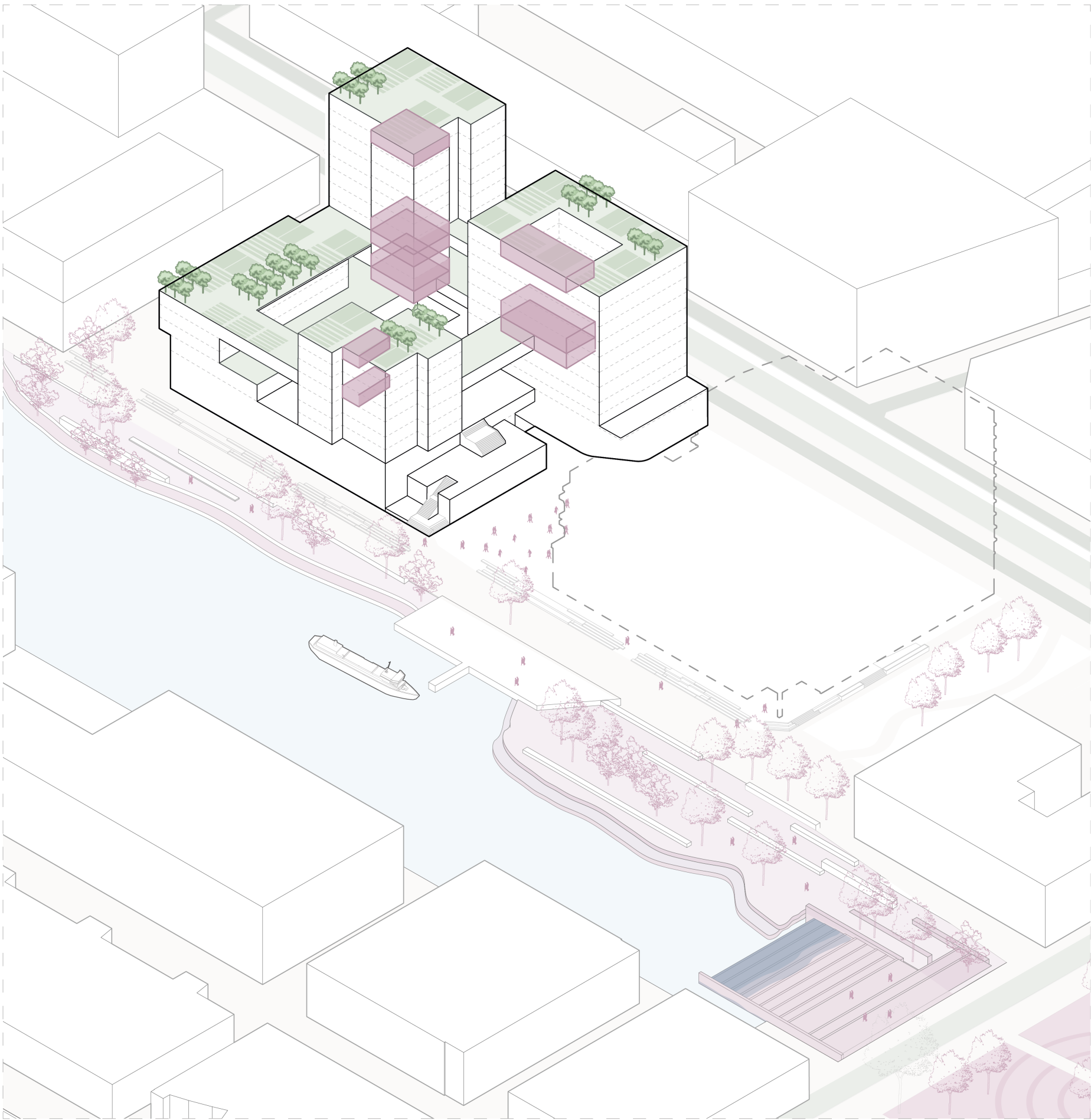
■ Urban Farming / Garden
■ Collective Kitchen / Laundry

Urban Kitchen



- Urban Farming / Garden
- Collective Kitchen / Laundry

Urban Kitchen

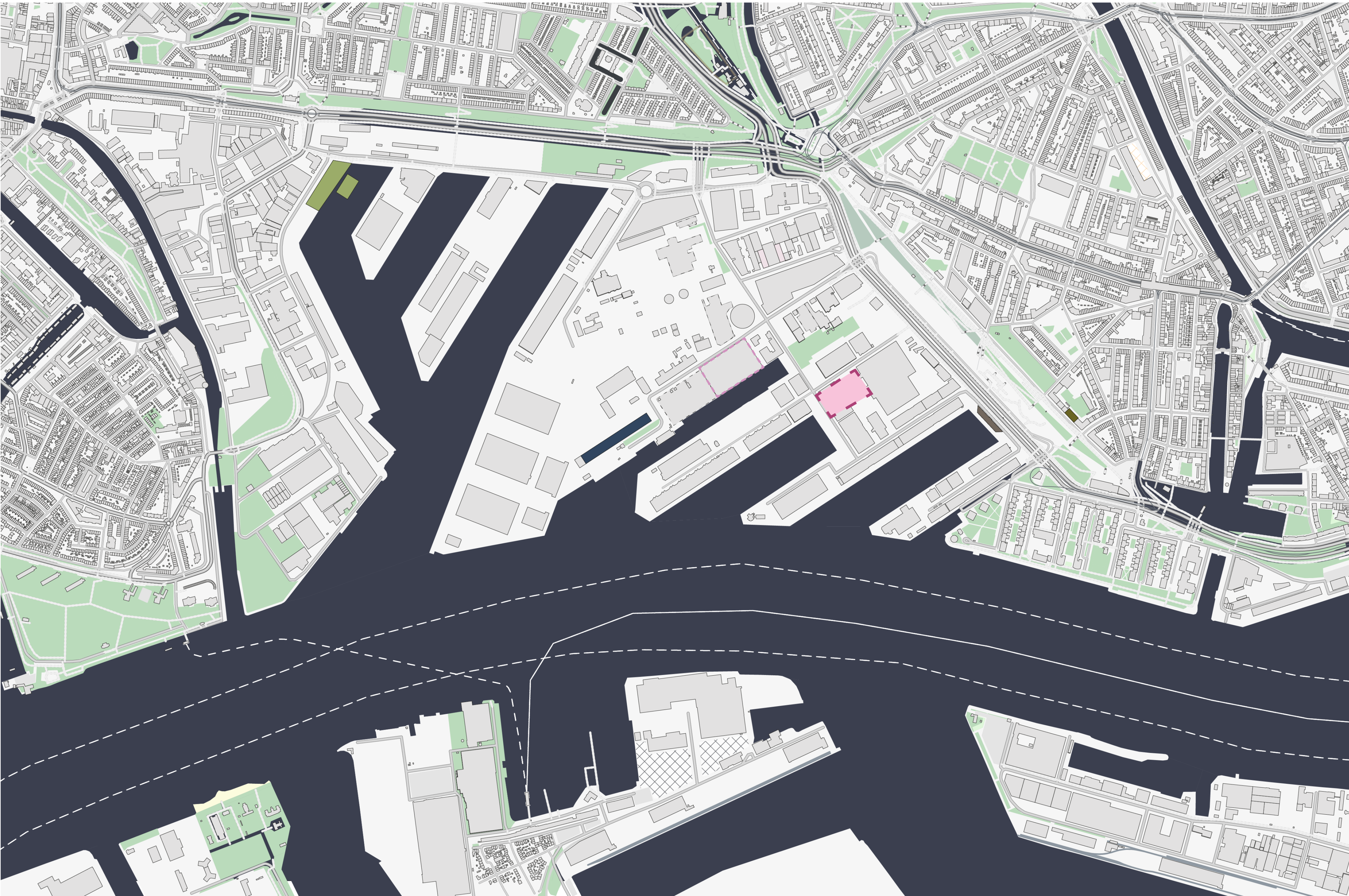


Urban Farming / Garden
Collective Kitchen / Laundry

II URBAN CONTEXT

Urban Context

Analysis - Group work



Urban Context

Analysis - Group work

Food and beverage

- Waste products
- City harbor brewery
- Bain brewing
- Food union
- Cape brewers
- Happy wines
- Rectstreex
- Shokun coffee collective
- Dance food
- Zero food waste
- Santa's coffee
- Lightship cider
- Studio the Ronners
- Toot food

Engineering / Tech

- CDS electronics
- Value Maritime
- Platform zero
- Moworks
- Plennid
- Taurus boat and tenders
- Dexter lightning
- Awkward
- Hatrabbits
- We umbrella
- Widget brain
- Royal Rose
- Spark design and Innovation
- The symbiote

Wood / steel work

- Puik building market
- Cutting lab
- Plasticite
- Dutch woodworks
- Goodwood
- Steelworks
- Woodwave

Design:

- The surprised Ree
- Office of Wieren
- Through and through design
- Organism studios
- Sant interiors
- Hotel Rebel
- Cup of pride
- Shape and decor
- Kaw architects
- Studio Sabine Marcelis
- Inherent Studio for Form
- Studio Buitenom
- Studio focus
- Felix landscape architecture
- The urbanists
- Group A
- This is construction
- Krill architecture and research
- Solid lighting design
- Undercover design practice

Art:

- Studio Lotte Douwes
- Atelier Van Lieshout
- Studio Simone Post
- Stijn van Aardenne
- Selma Hamstra
- Compliant with Cox
- Studio New West
- Studio Wieki Somers
- Theatreat
- Studio Minale Maeda
- Rumoer Styling and design

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- Studio Wieki Somers
- Theatreat
- Studio Minale Maeda
- Rumoer Styling and design

Building supplies

- Praxis bouwmarkt
- Buurman Rotterdam

Repair

- Bike repair Station DIT
- JHuijsen bike repair
- Espirit cars auto repair
-

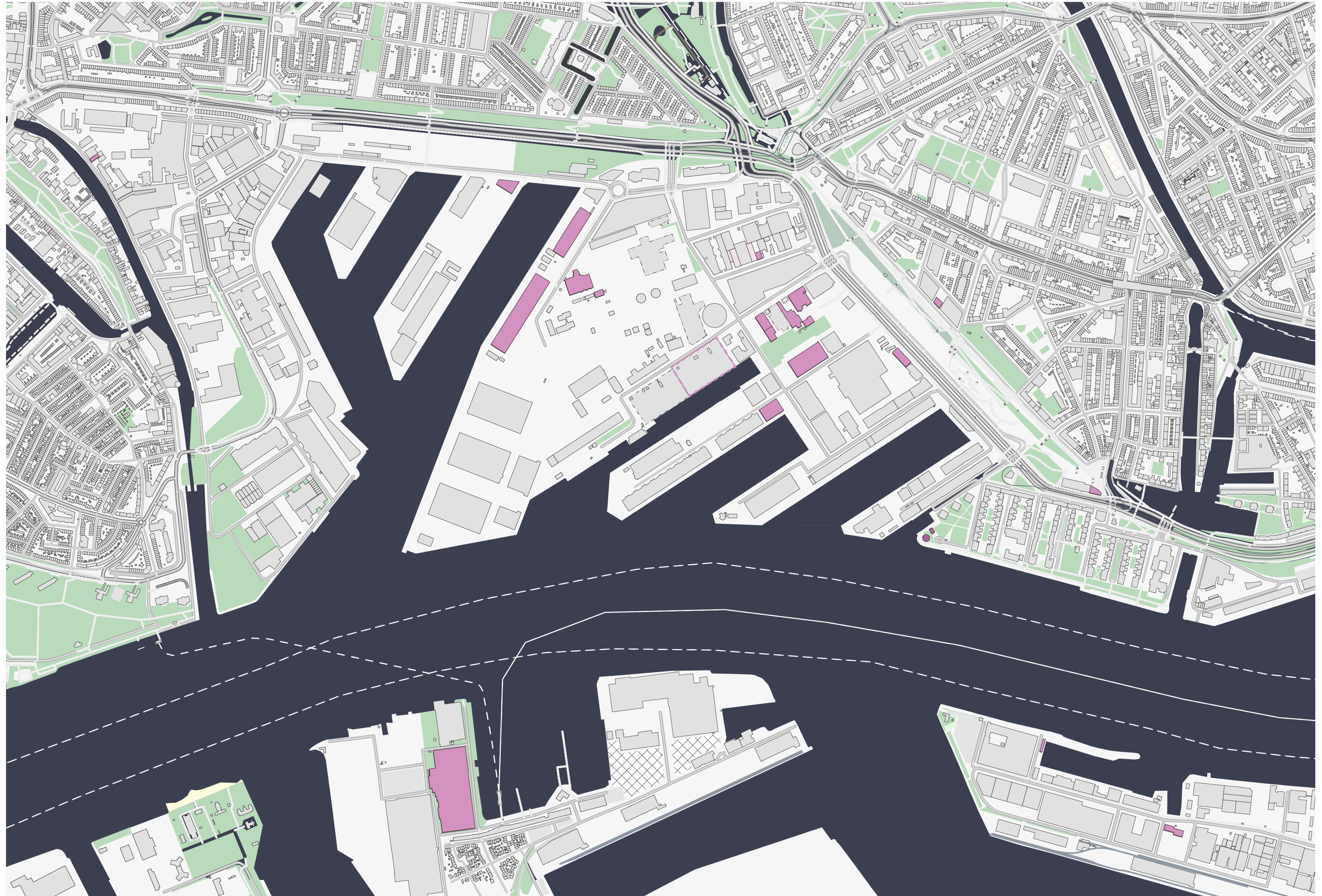
Recycling

- Umicorp
- Green collect
- Innovation center plastics
- Milieupark Delfshaven



Urban Context

Art, crafting and education programs



Urban Context

Industry

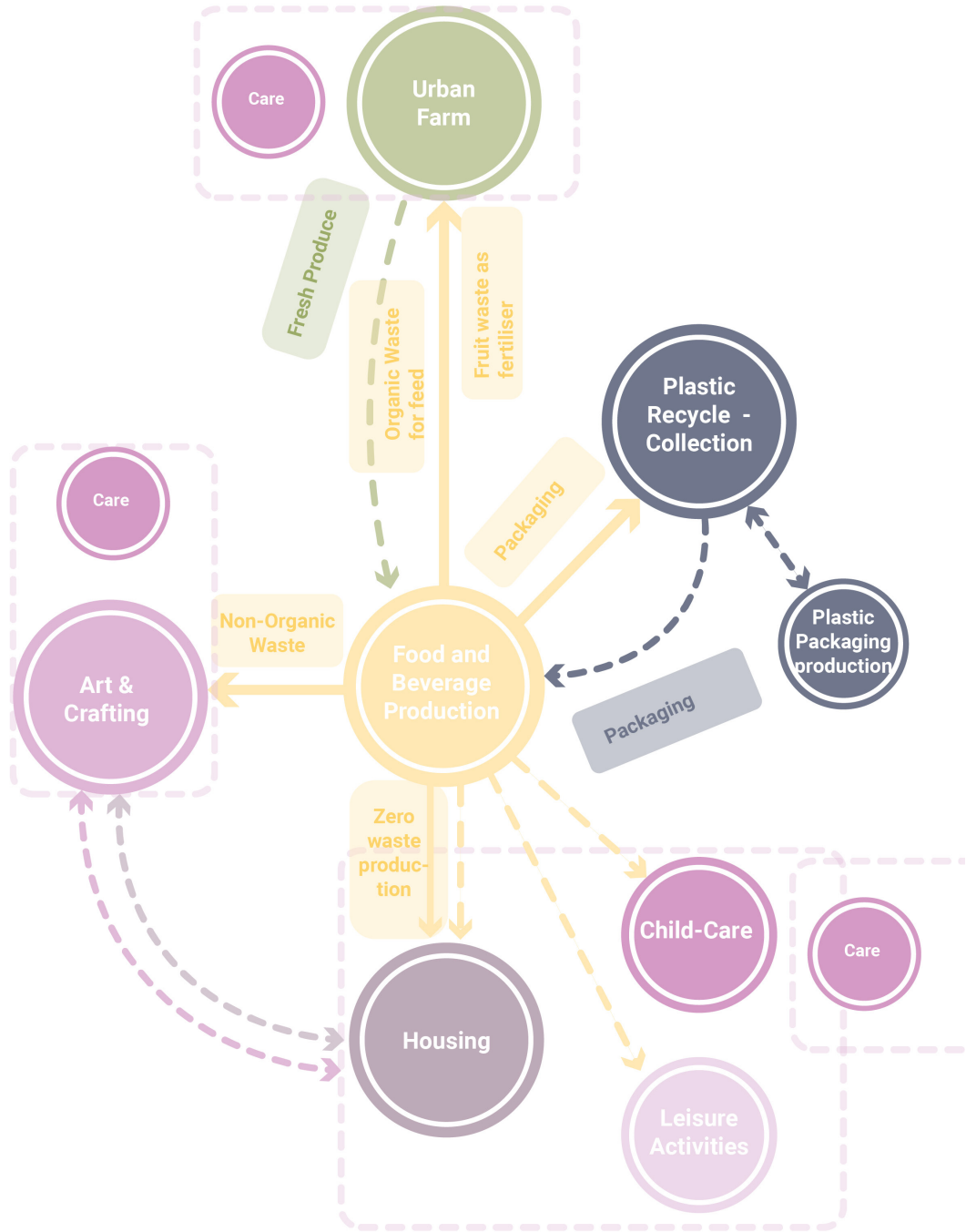


Urban Context

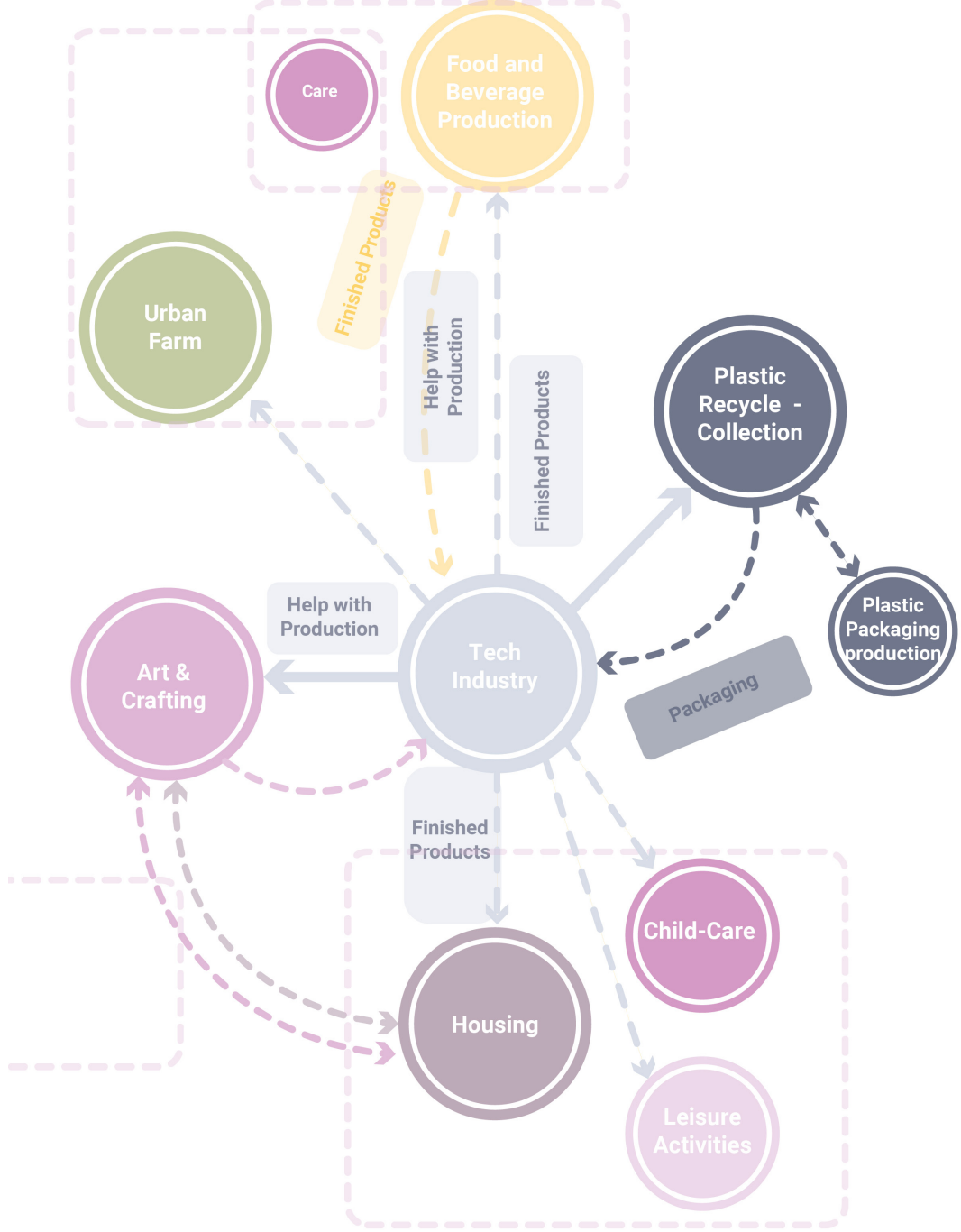
Food and beverage production



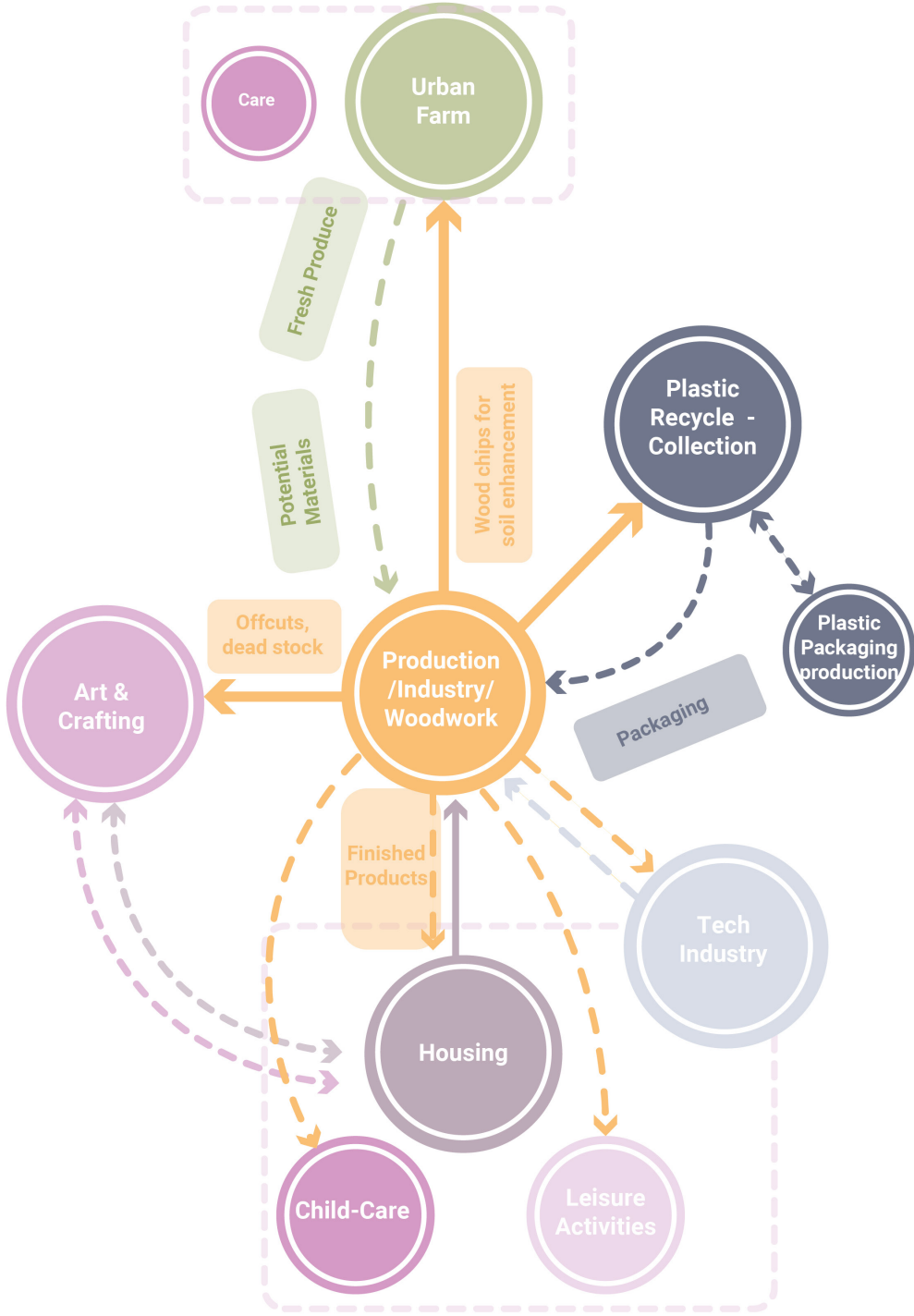
Program Ecology



F&B Industry potential links

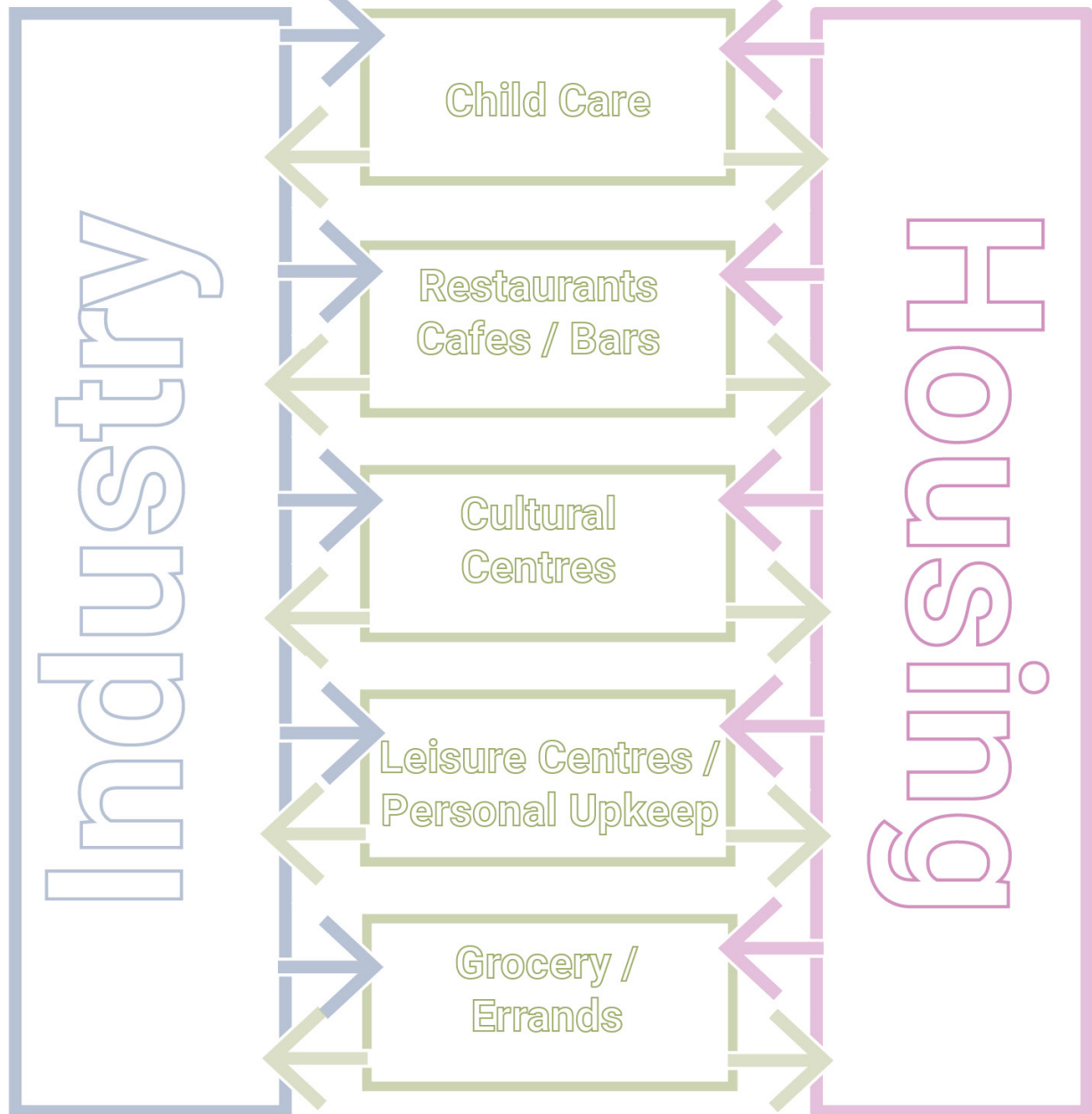


Tech industry potential links

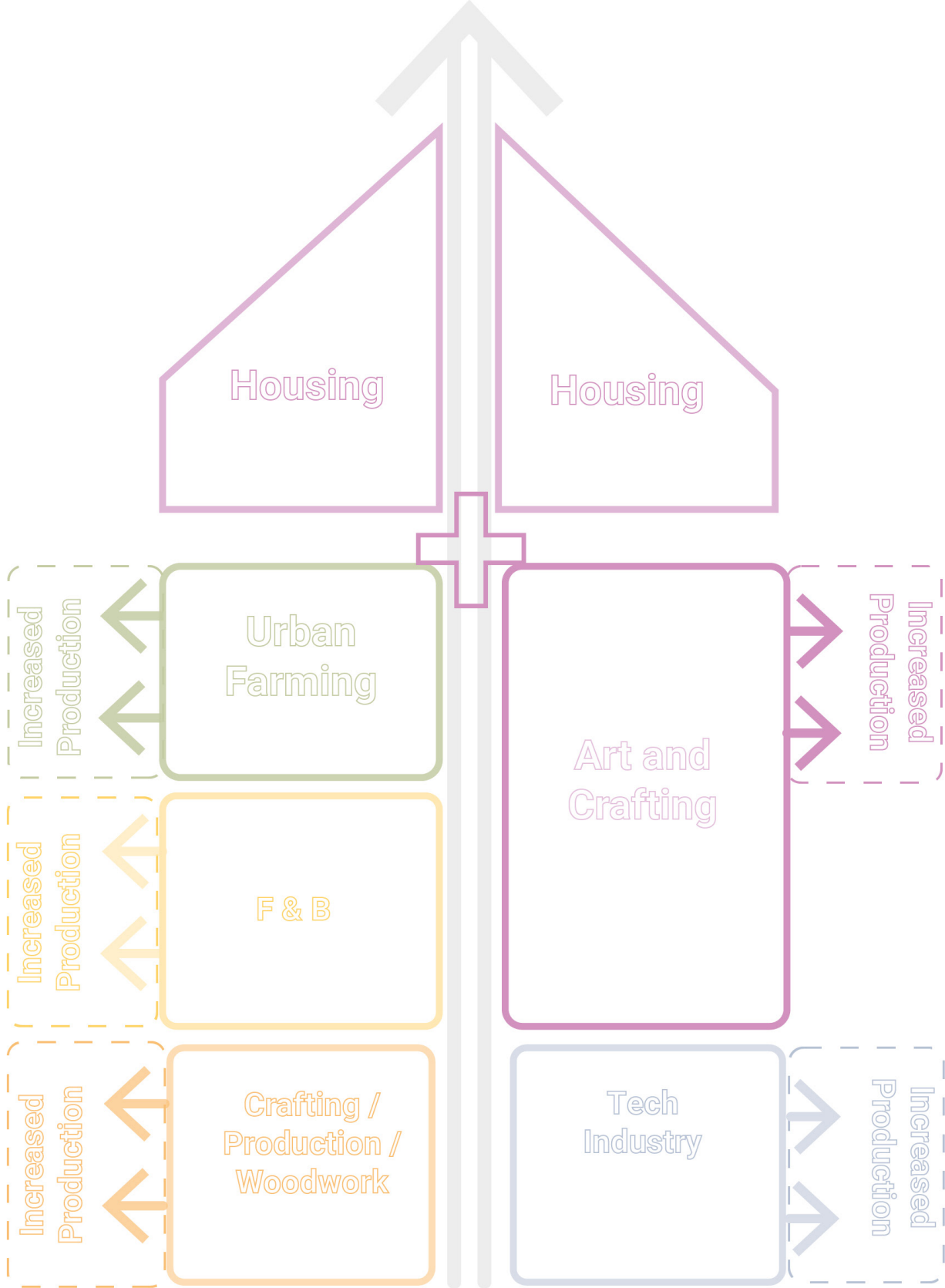


Crafting industry potential links

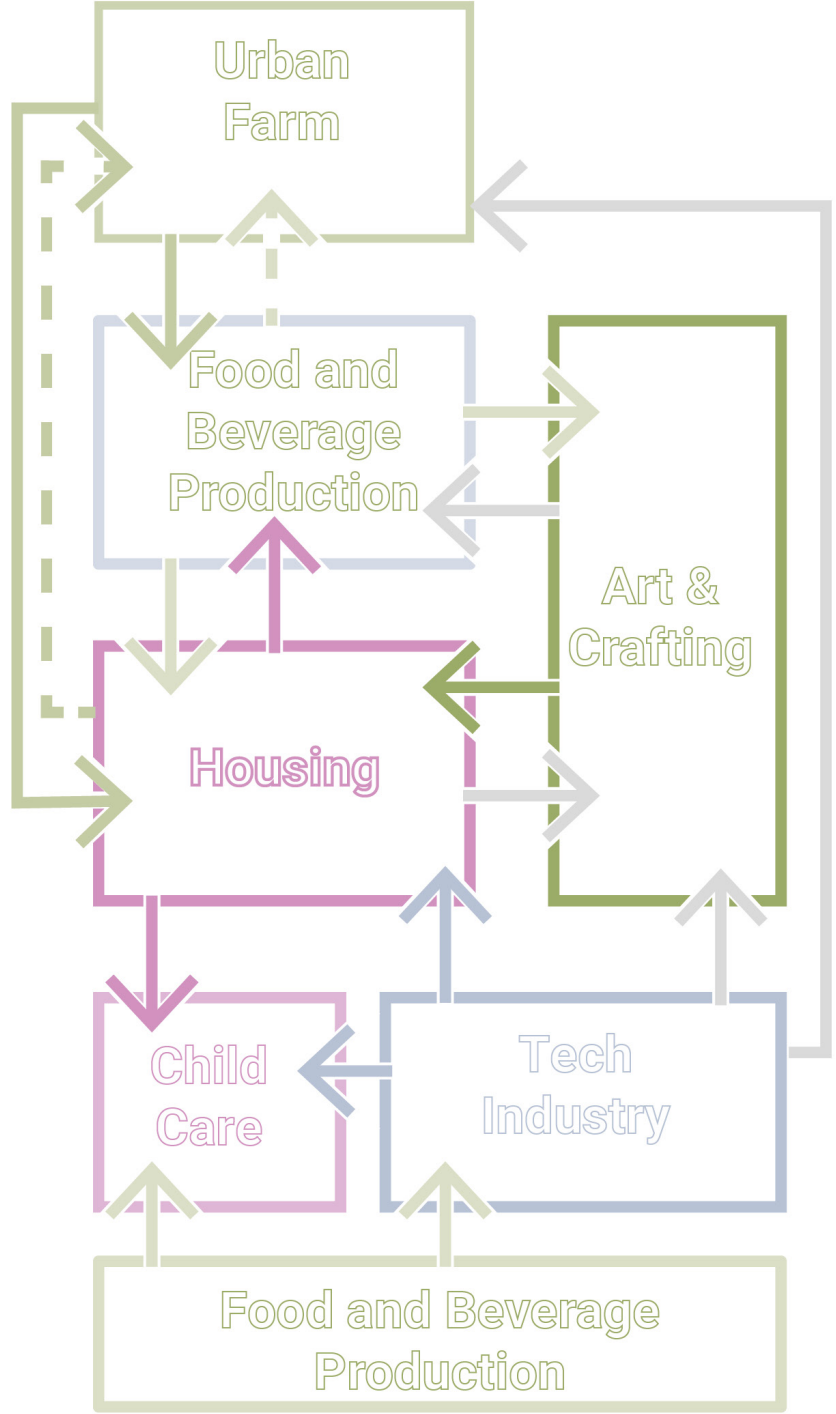
Program Ecology



Programs that benefit both industry and dwelling



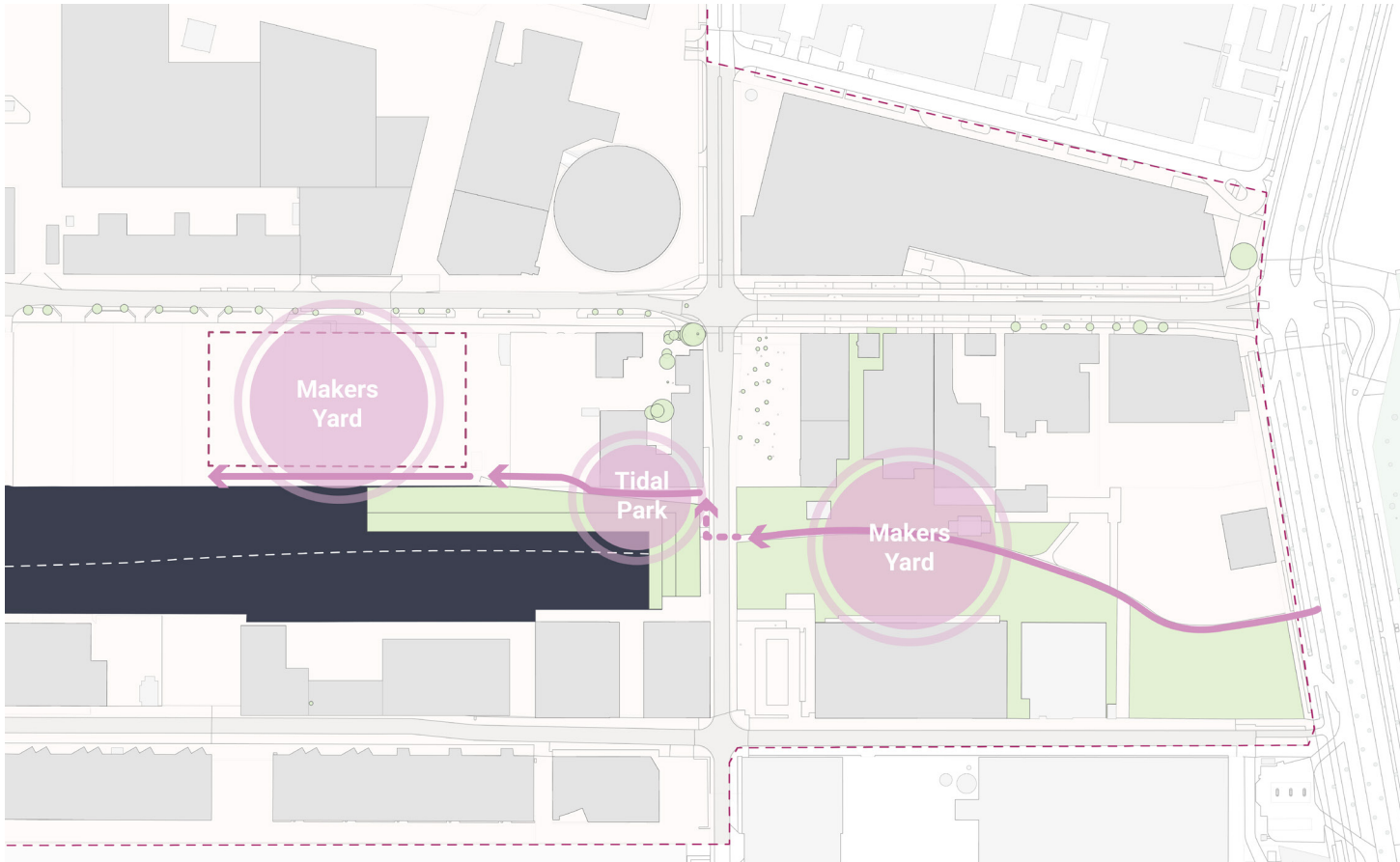
Potential for growth and addition on site



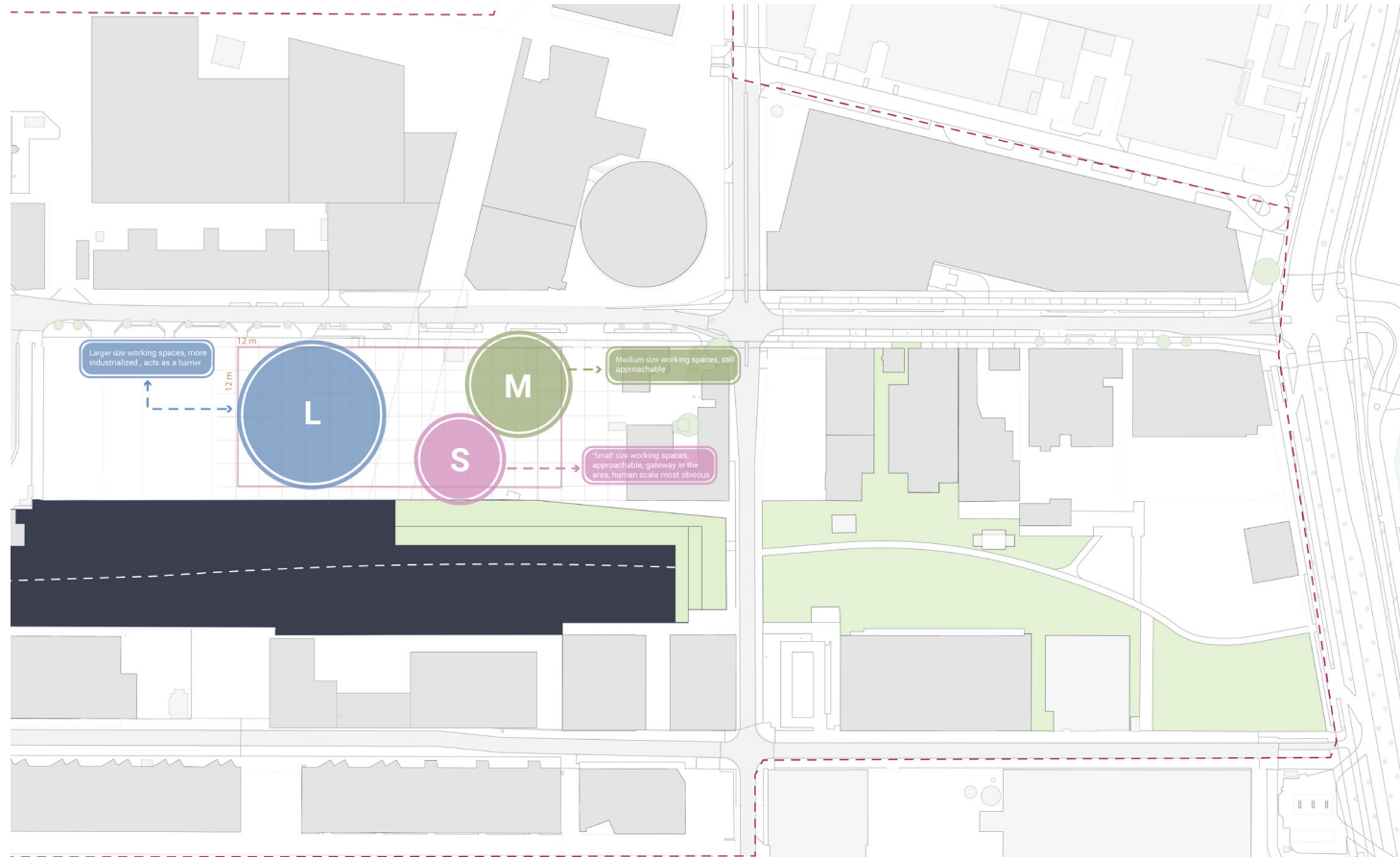
New connections being forged

Urban Context

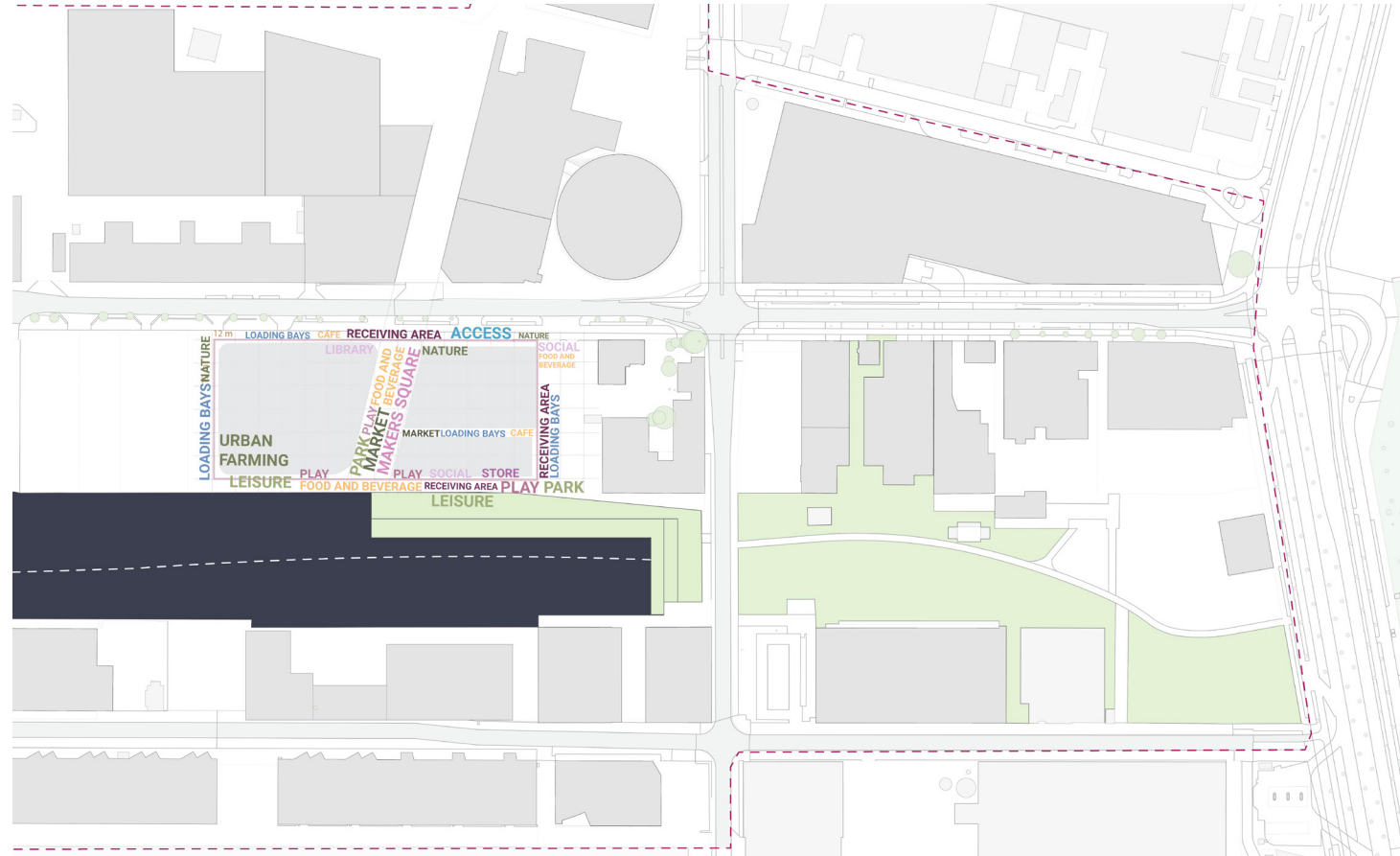
Master-plan outlines - Group work



Linking the site to existing programs on site



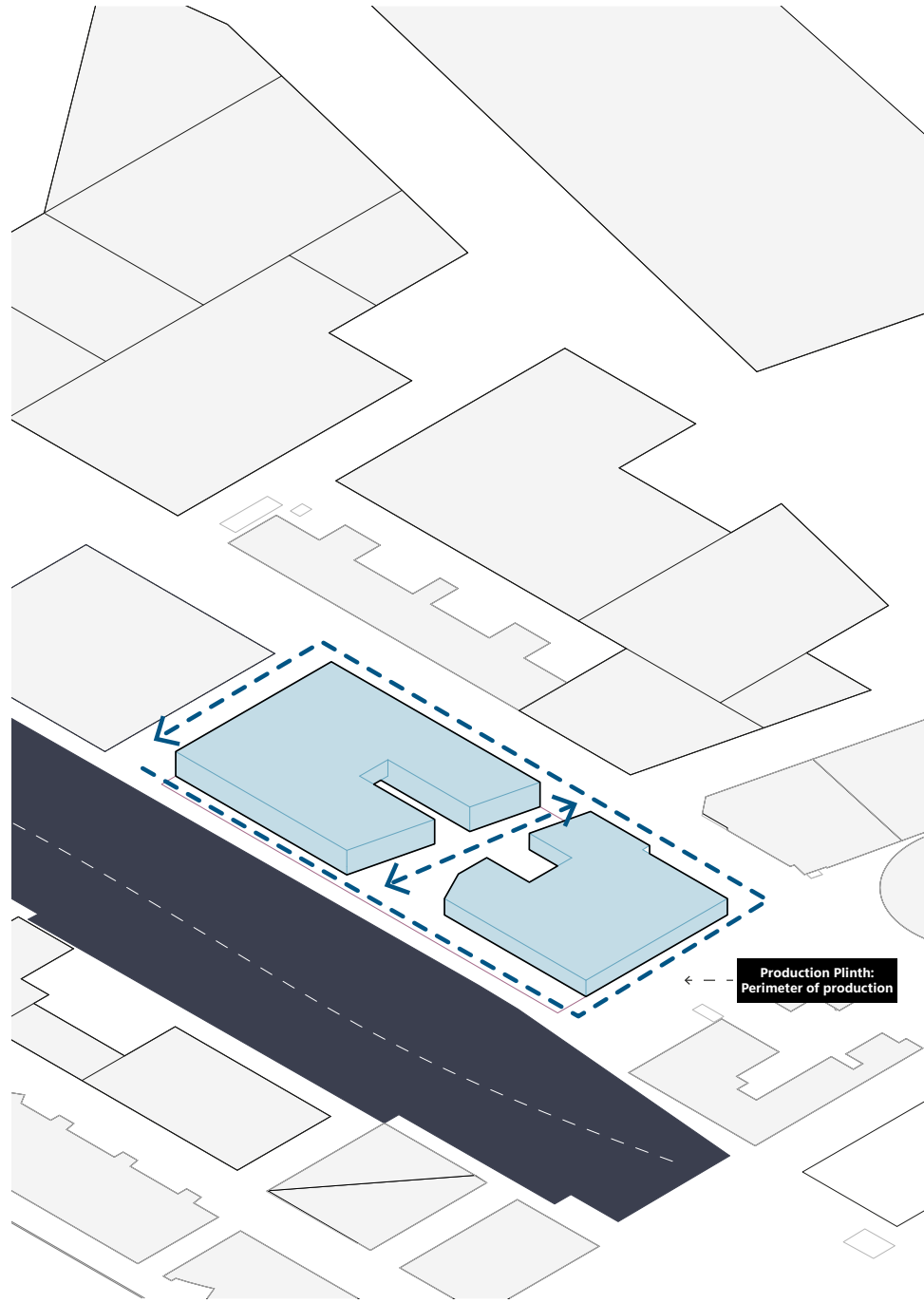
Strategy for mass and industry distribution



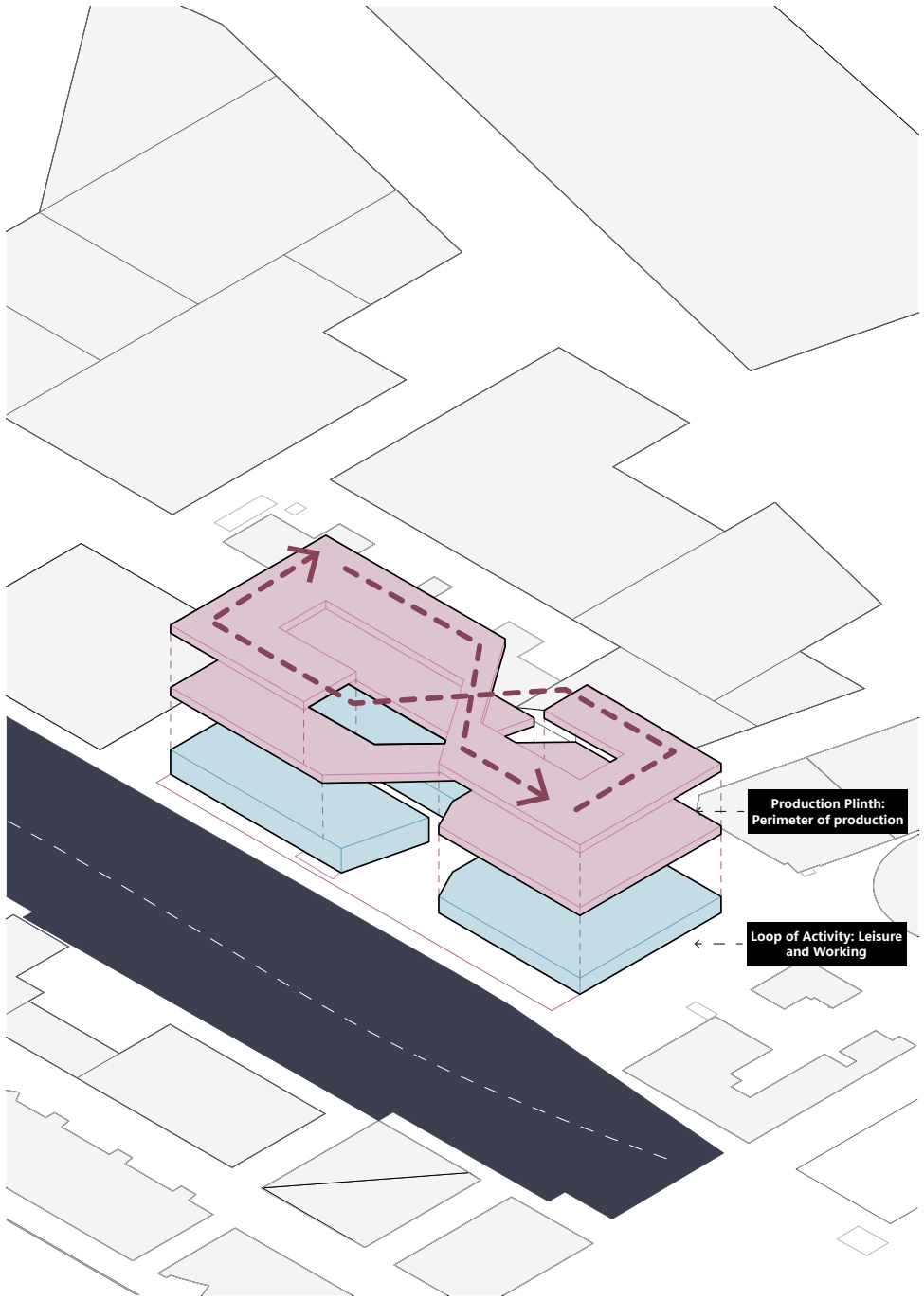
Creating urbanity that promotes interaction and safe streets

Urban Context

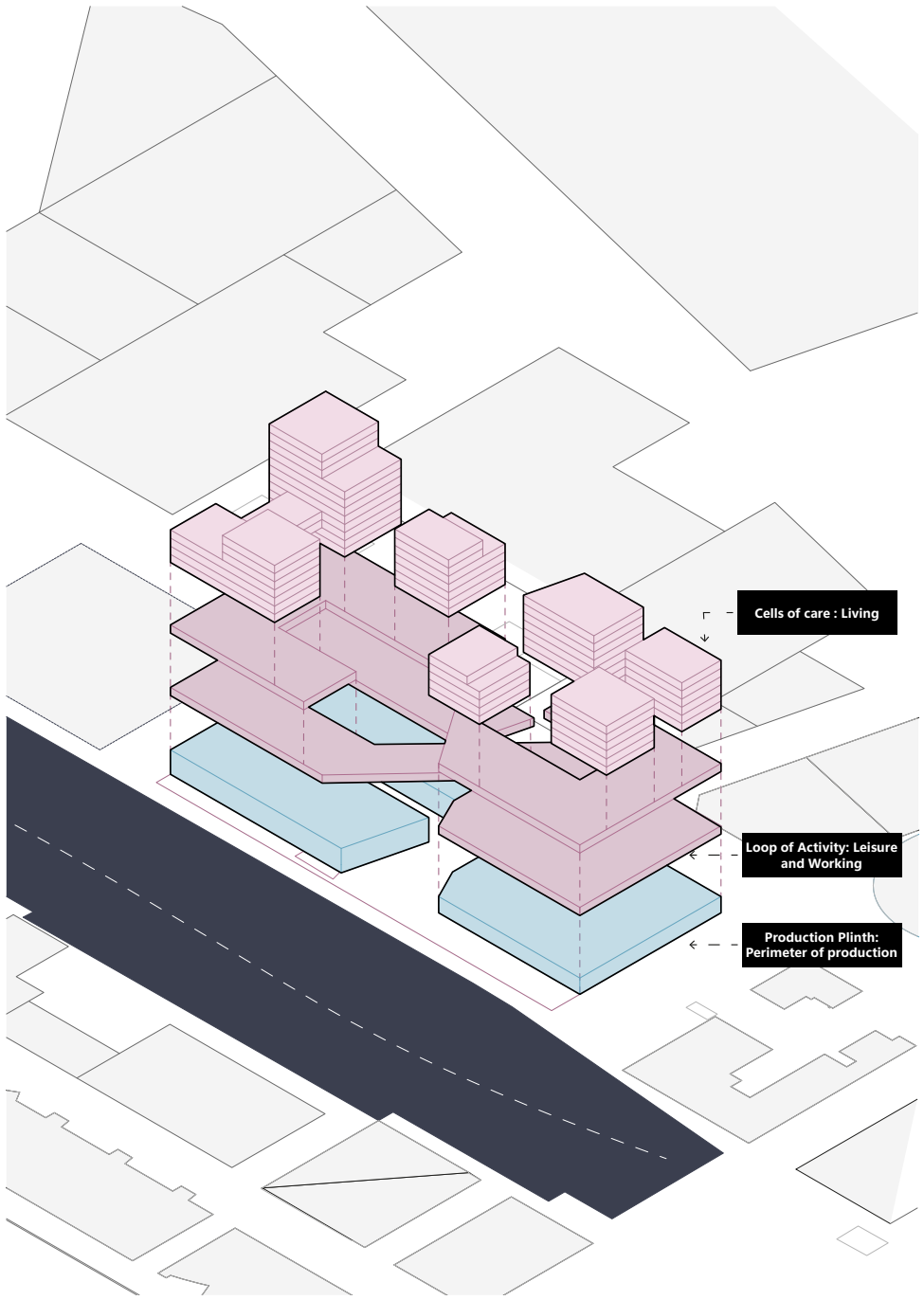
Masterplan - Group work



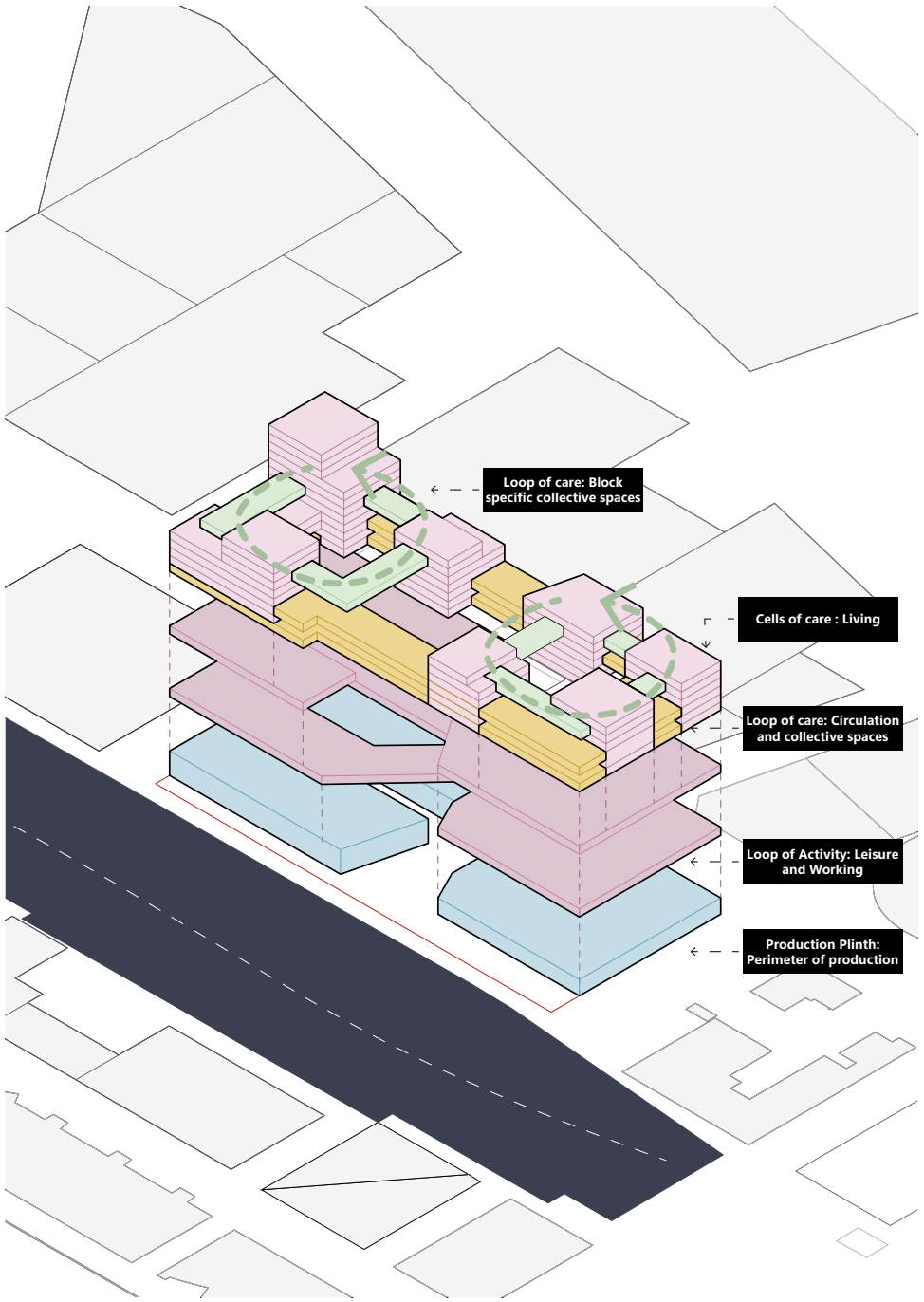
Production plinth



Social community orientated programs that can act as a connecting space between dwelling and production

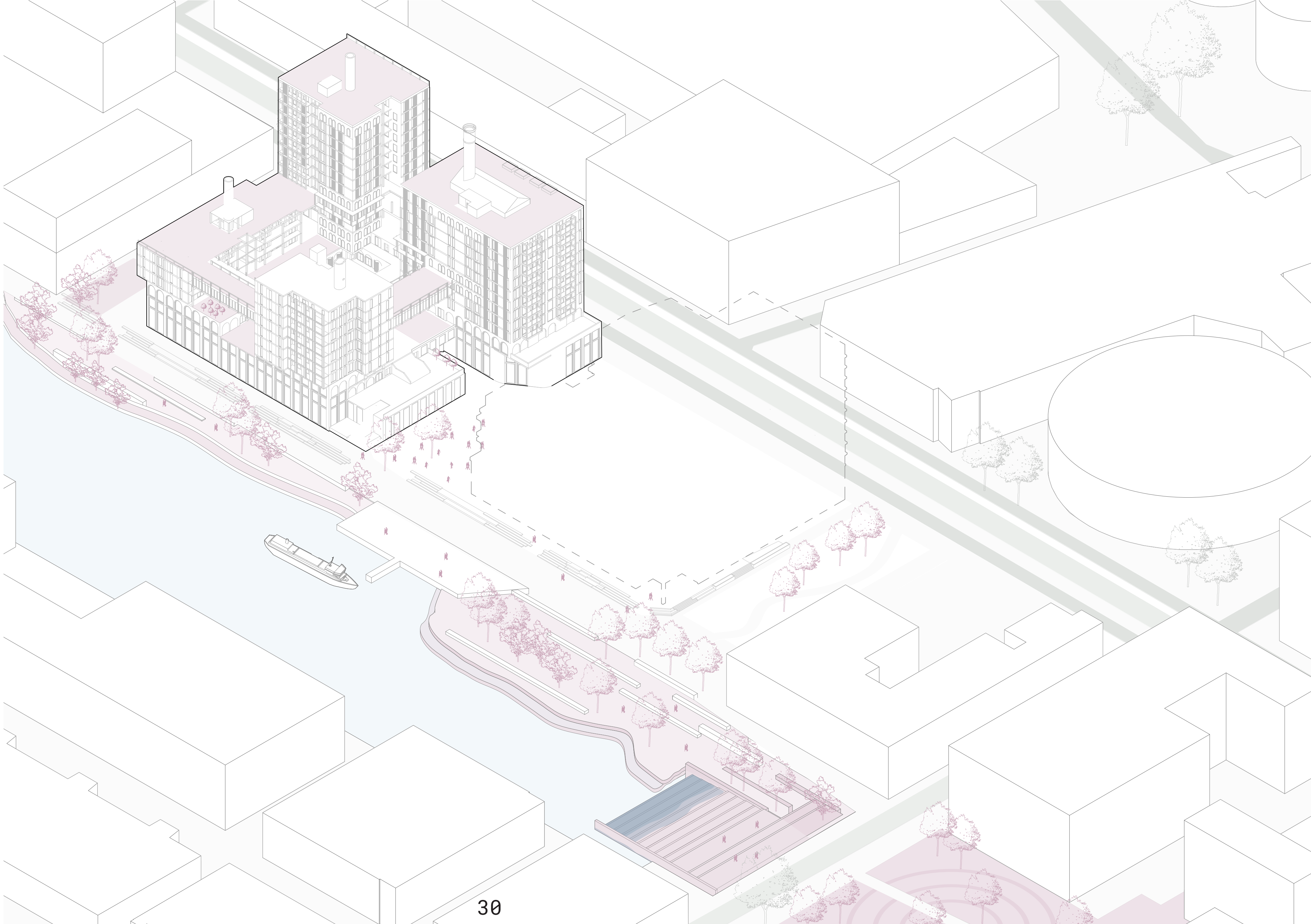


Dwelling program elevated



Connecting dwelling areas through the use of social programs

Urban Context



Urban Section



0 2 5 10m

Urban Context

Top view



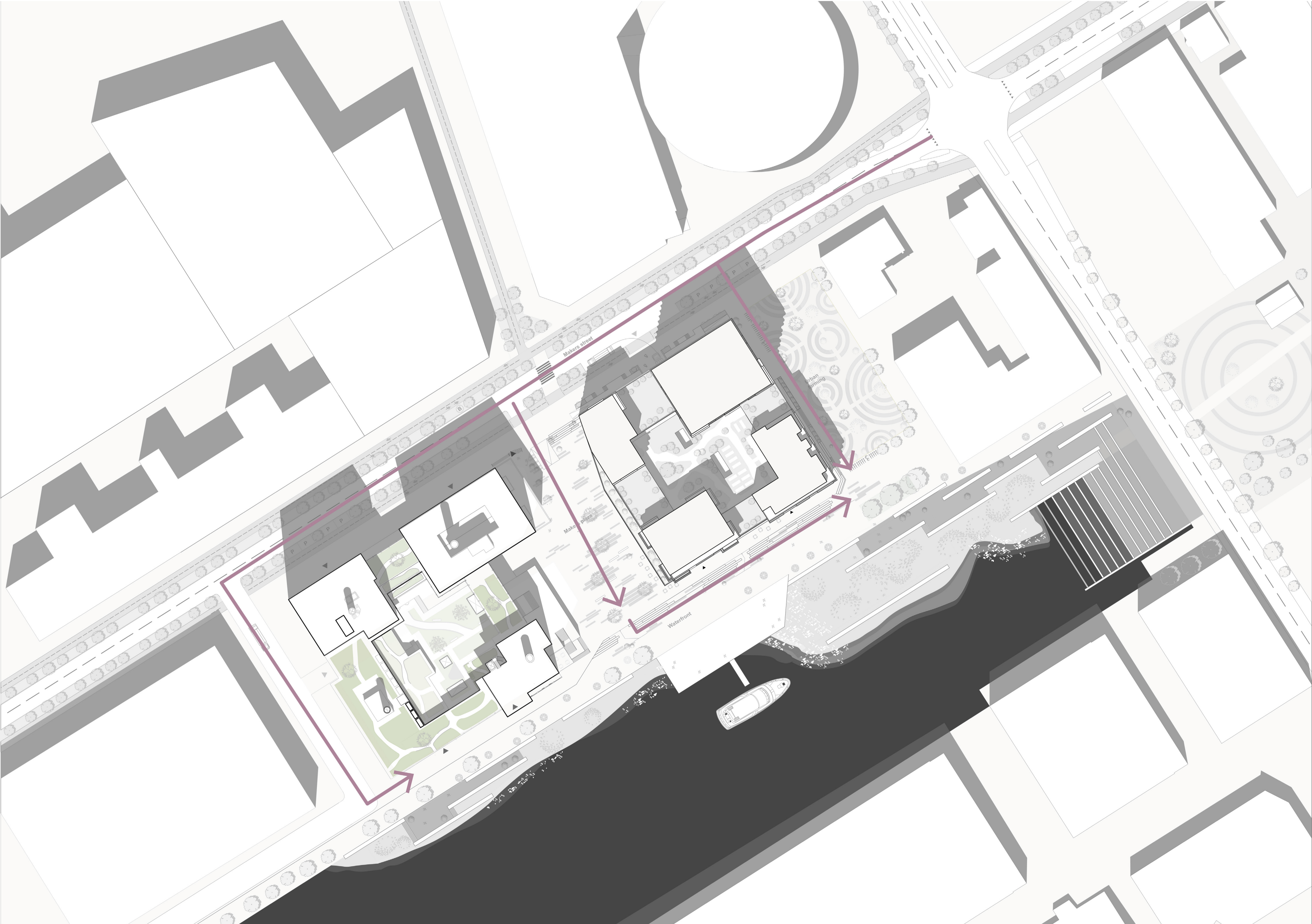
Urban Context

Pedestrian and Bike paths



Urban Context

Fire truck route



Urban Context

Delva Plan :

Residential - 27 000m²

Working - 17 000 m²

Achieved Numbers :

Residential - 1400 m²

Collective - 1050 m²

Industry- 8500 m²

Urban Farming - 3500 m²

Social - 3200 m²



III PRODUCTION

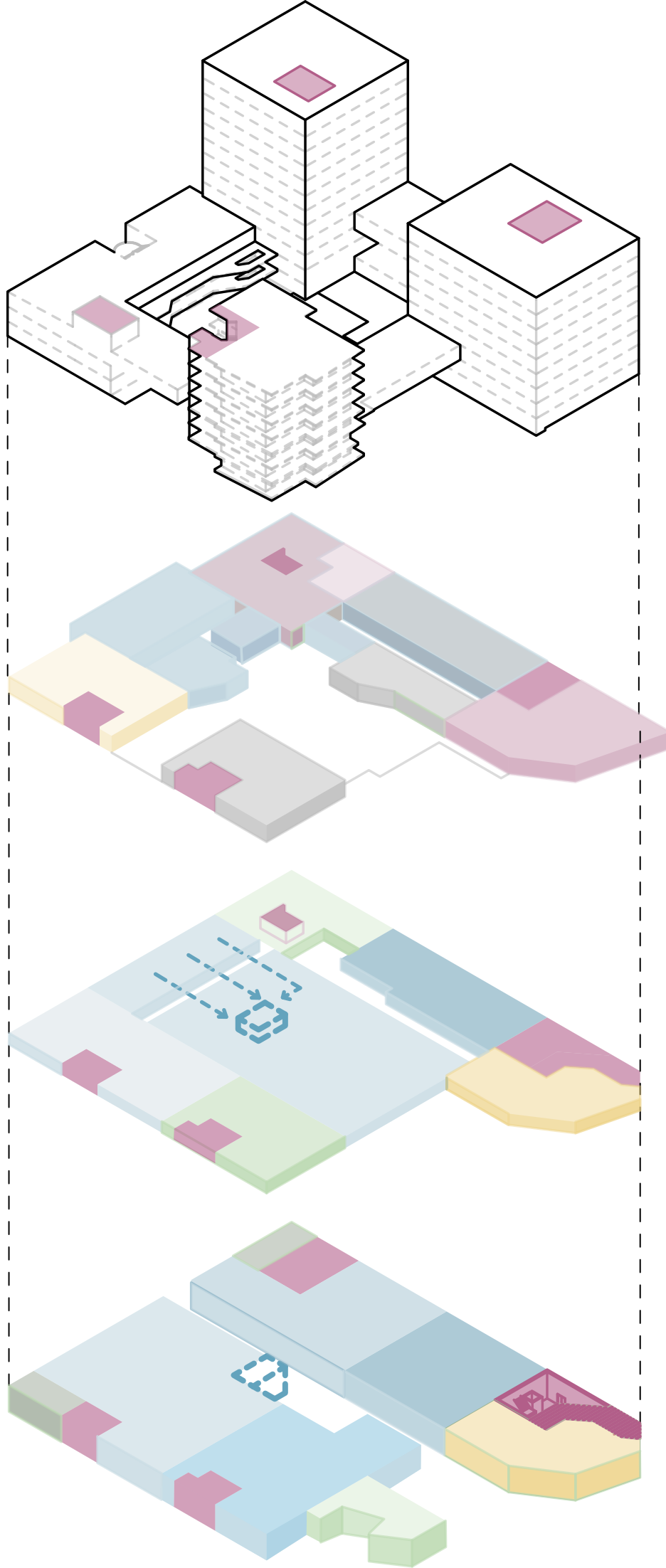
Program Diagram Podium

Main Industry :

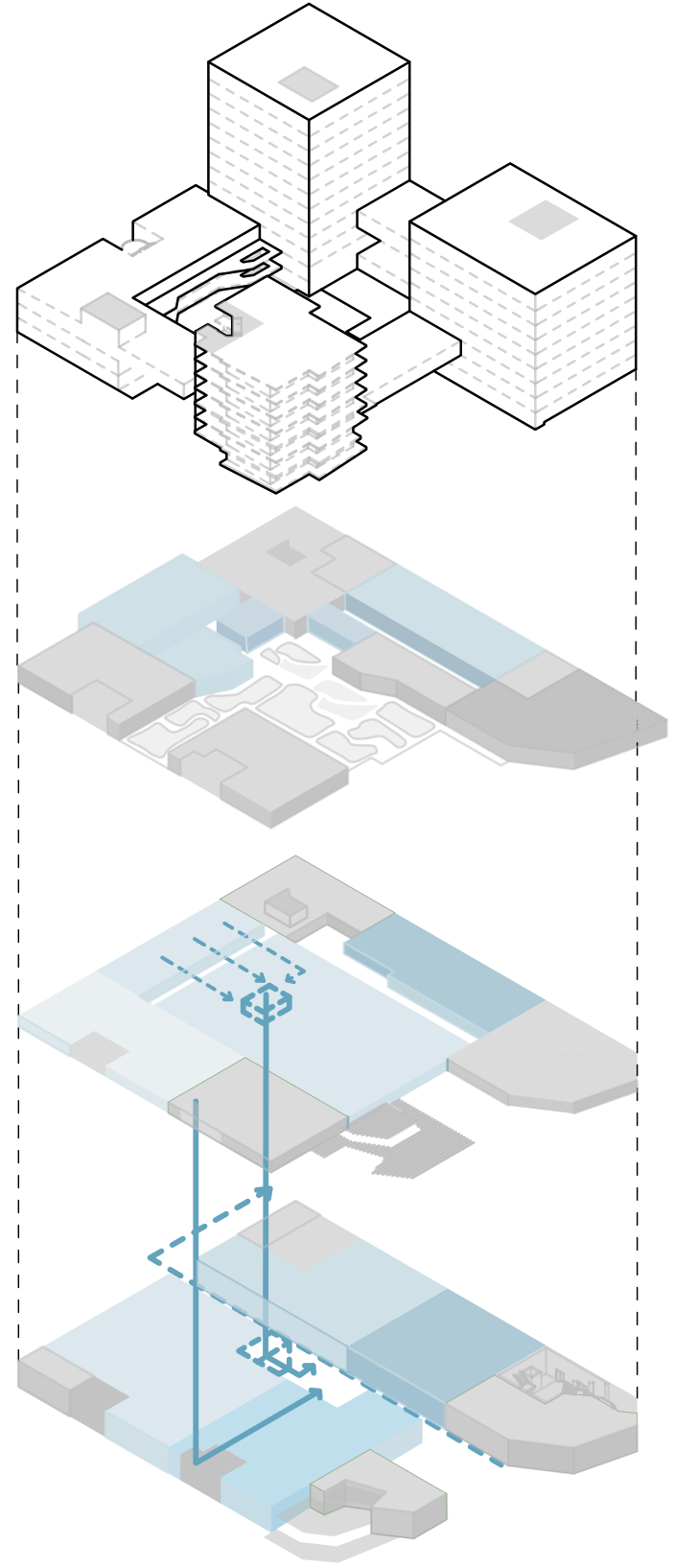
Baking

Glass Blowing

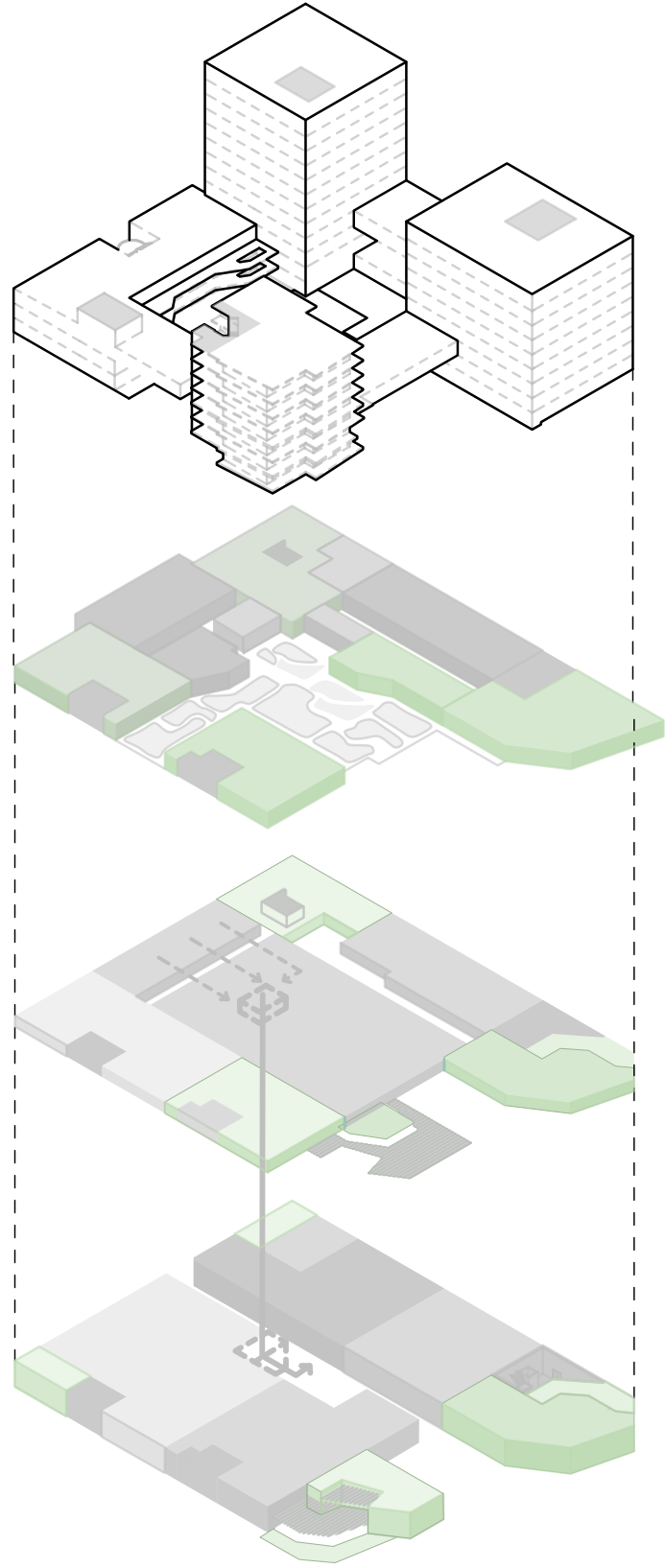
Brewing



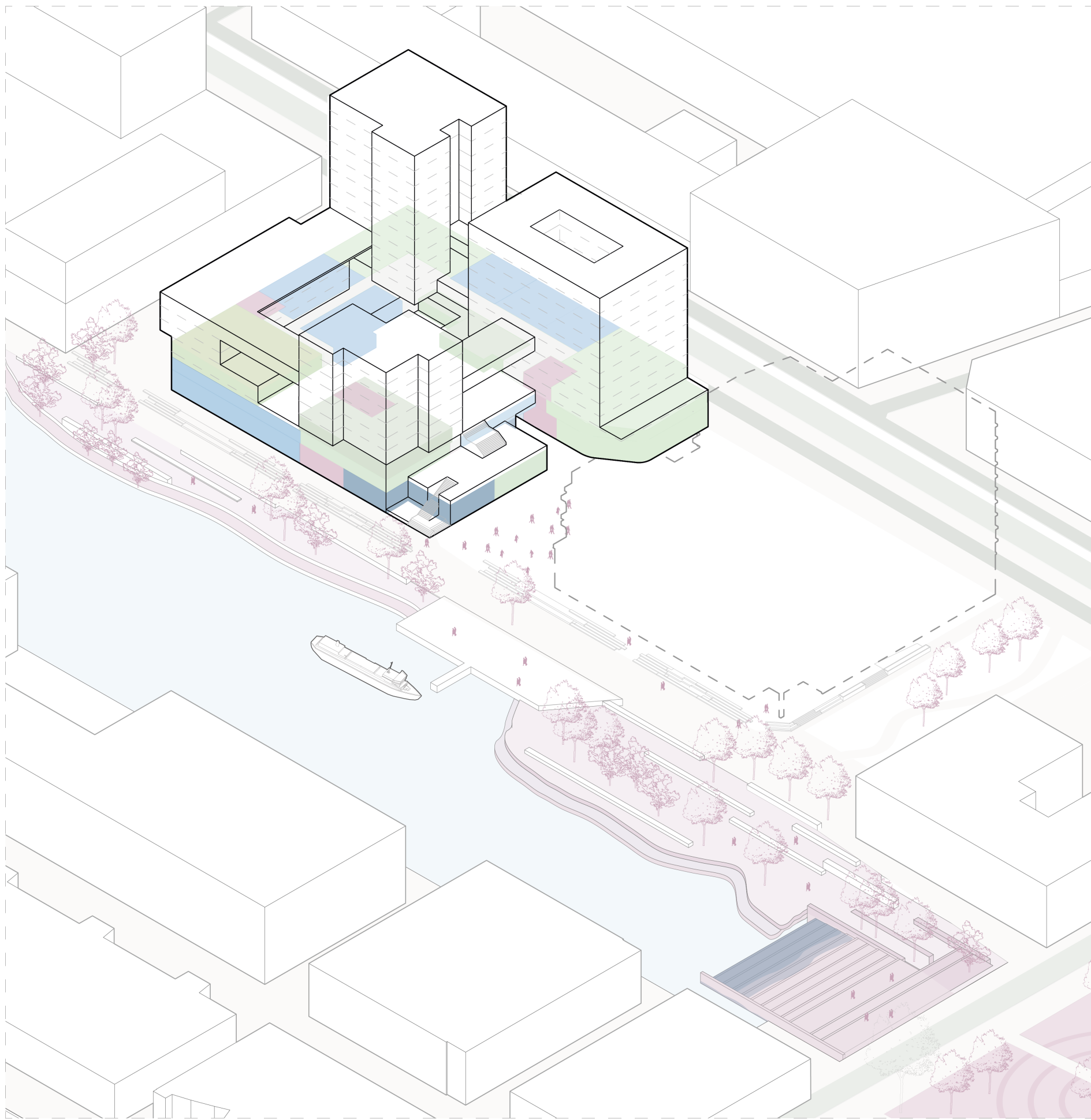
- F & B
- Core
- Residential Related
- Dwelling unit
- Social wellnes (Theatre, Gym)
- Production



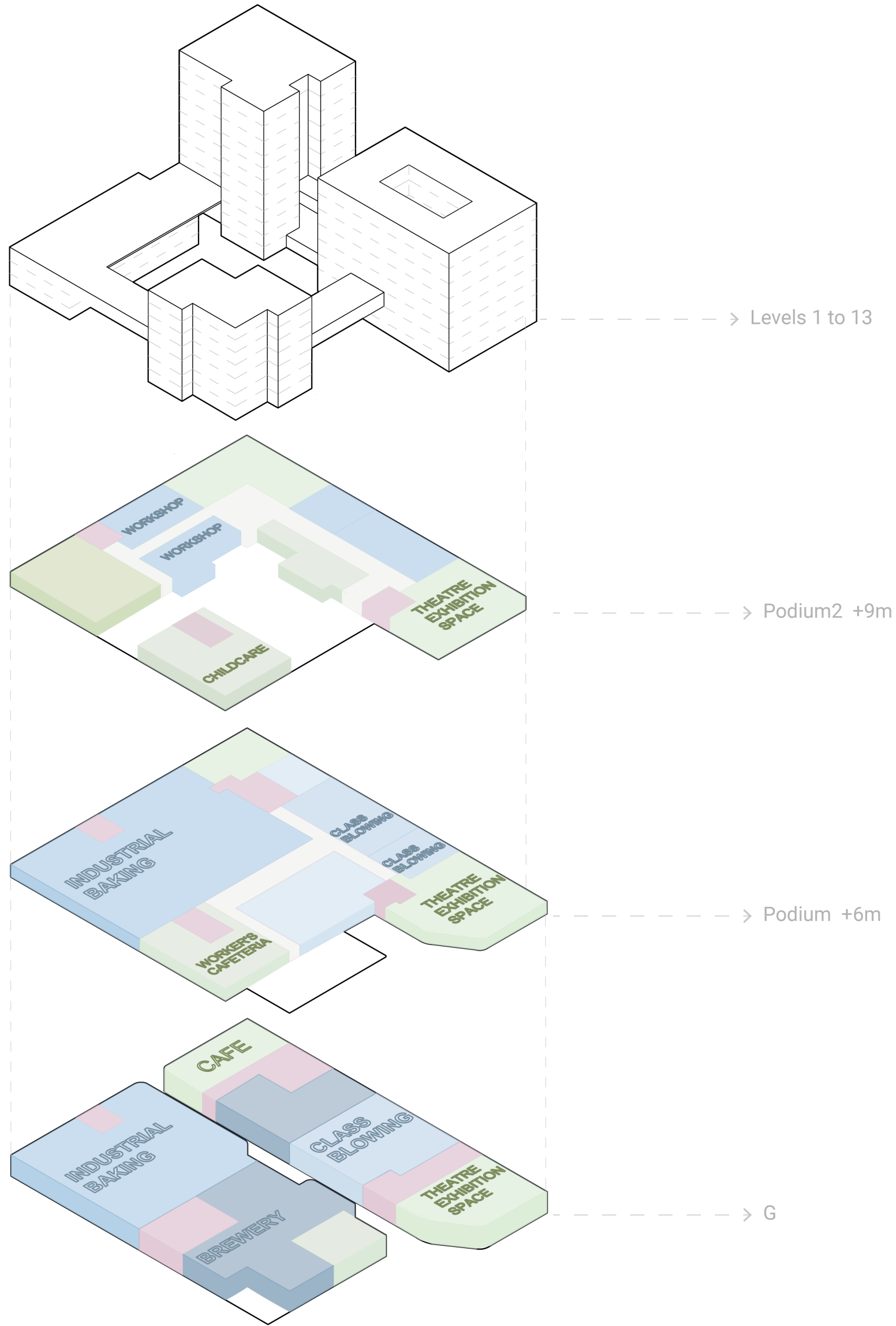
- Social reproduction and Production
- Production



Program Diagram Podium

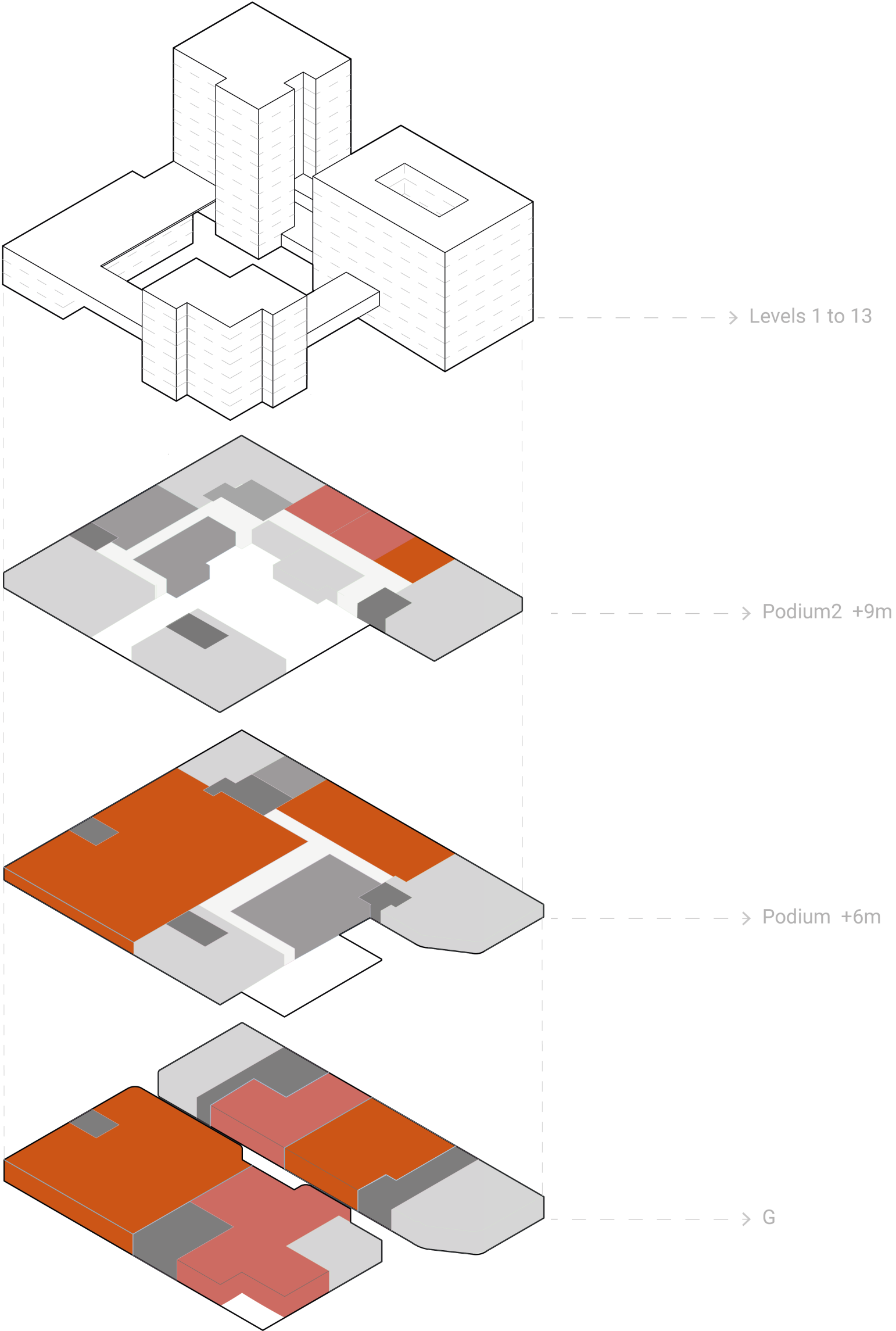
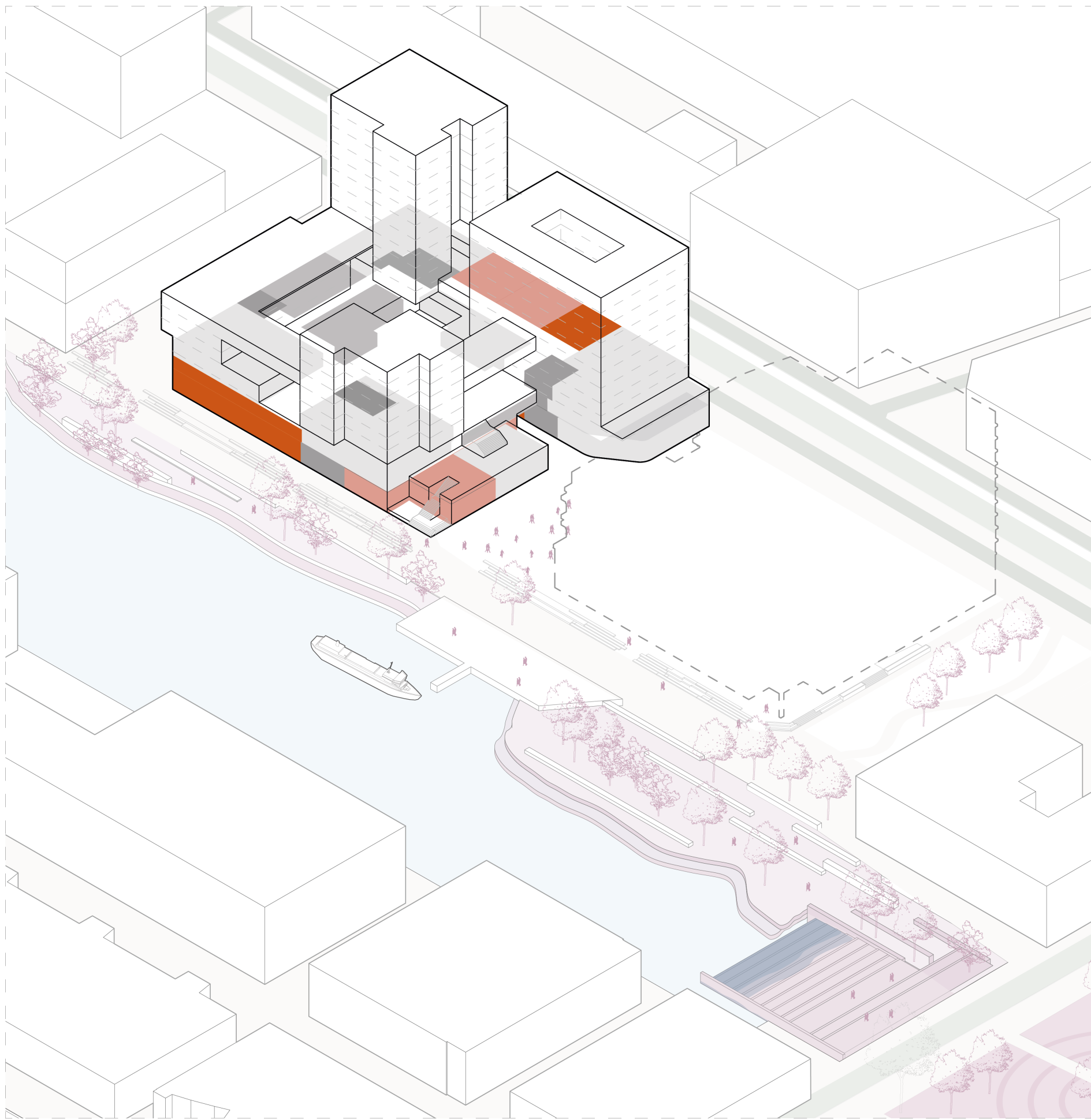


- Residential
- Social reproduction and Production
- Production



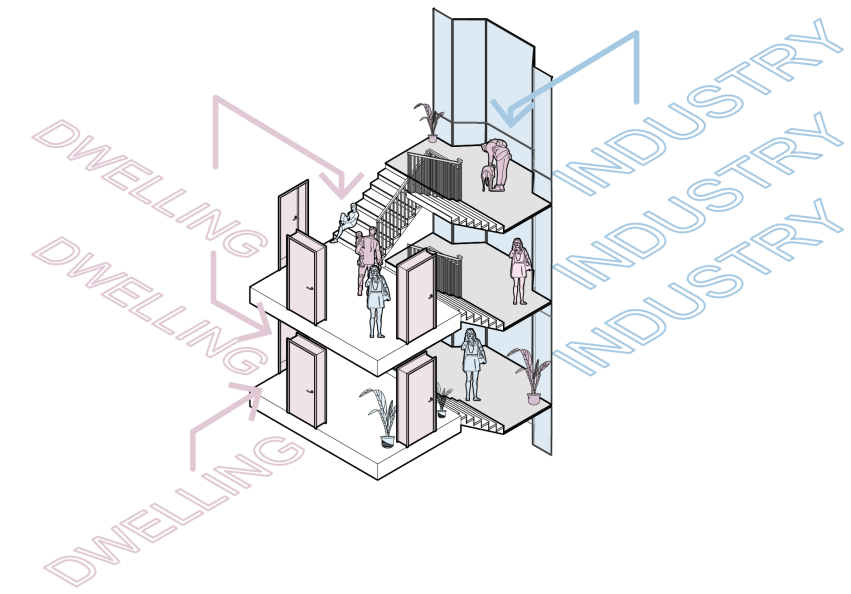
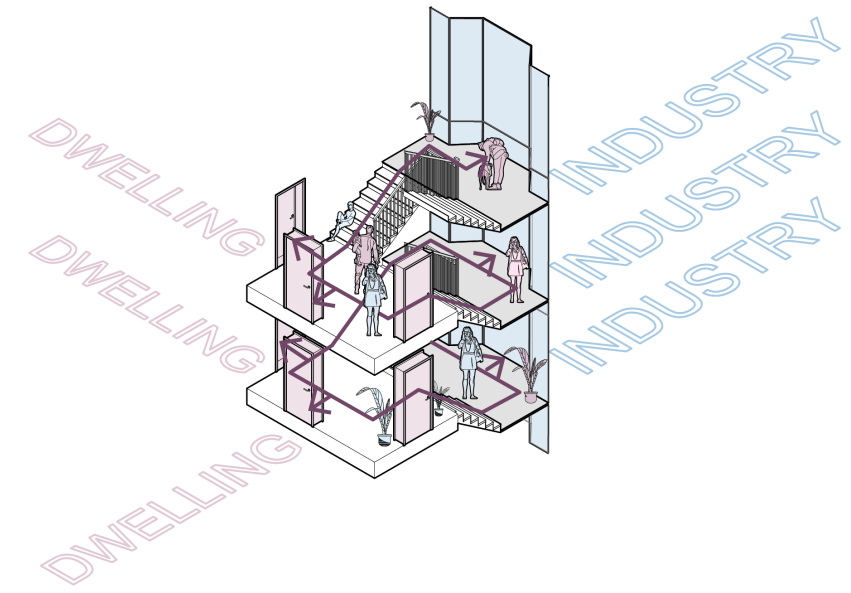
Program Diagram Podium

Heat Producers

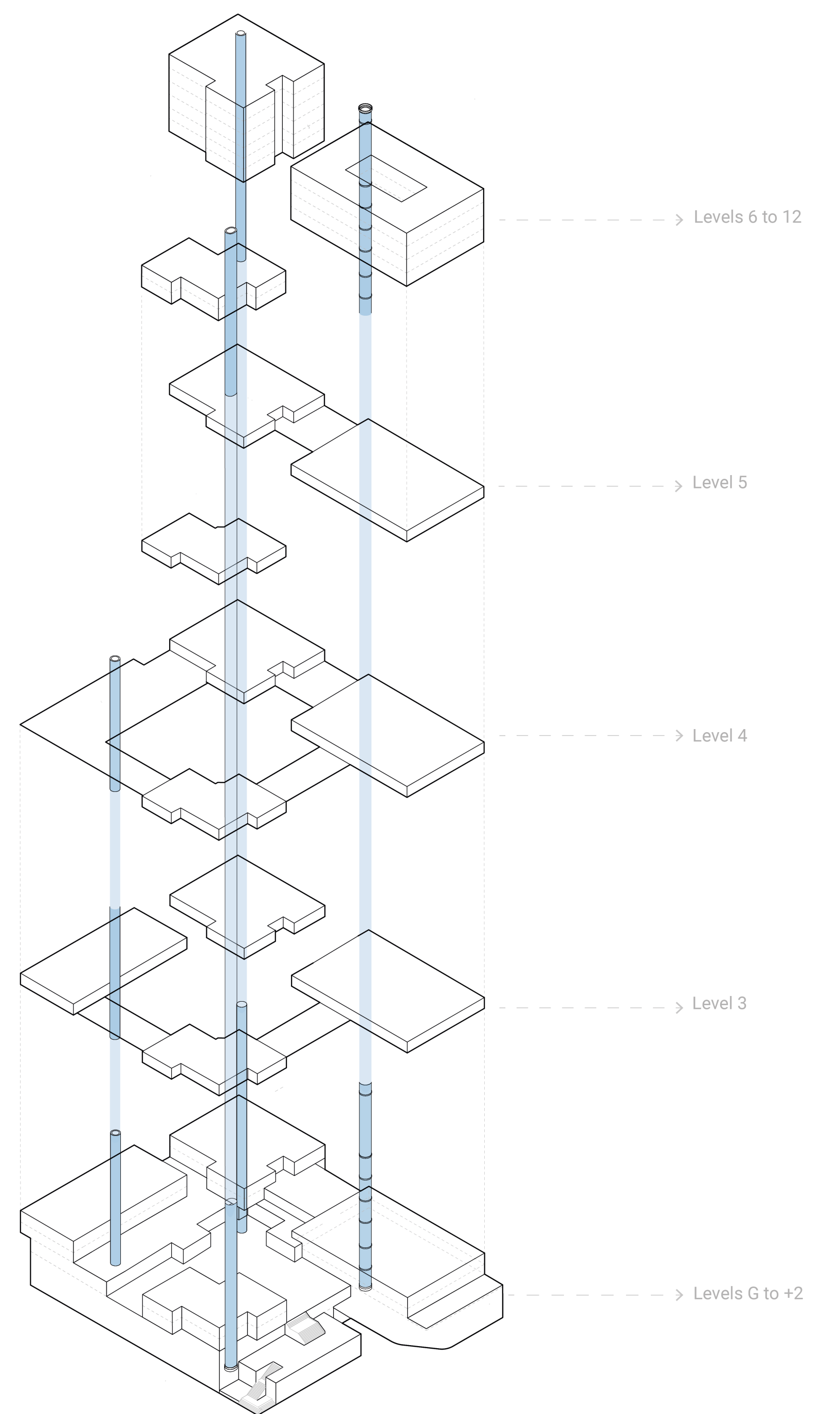
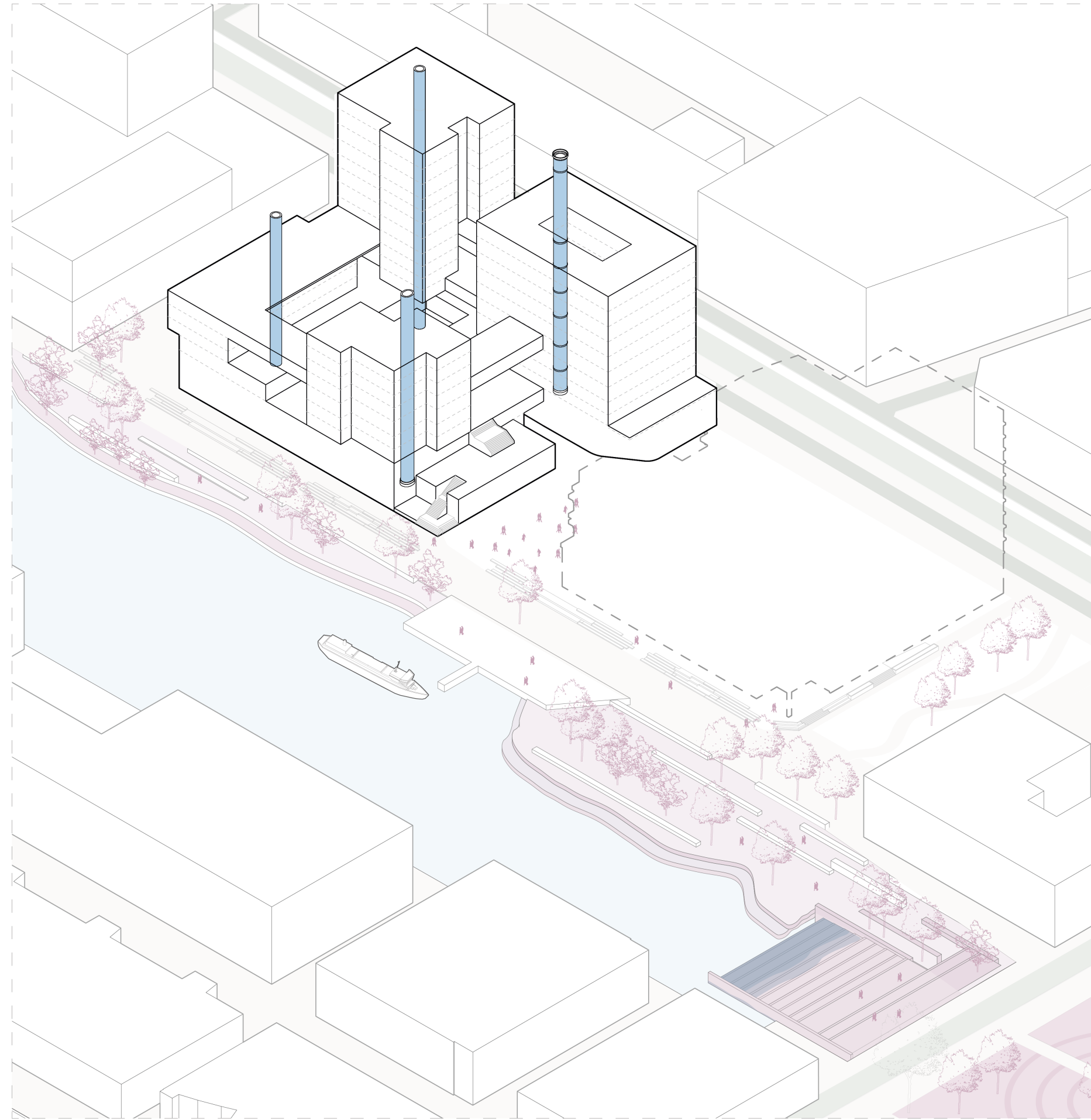


Physical Connections

Energy



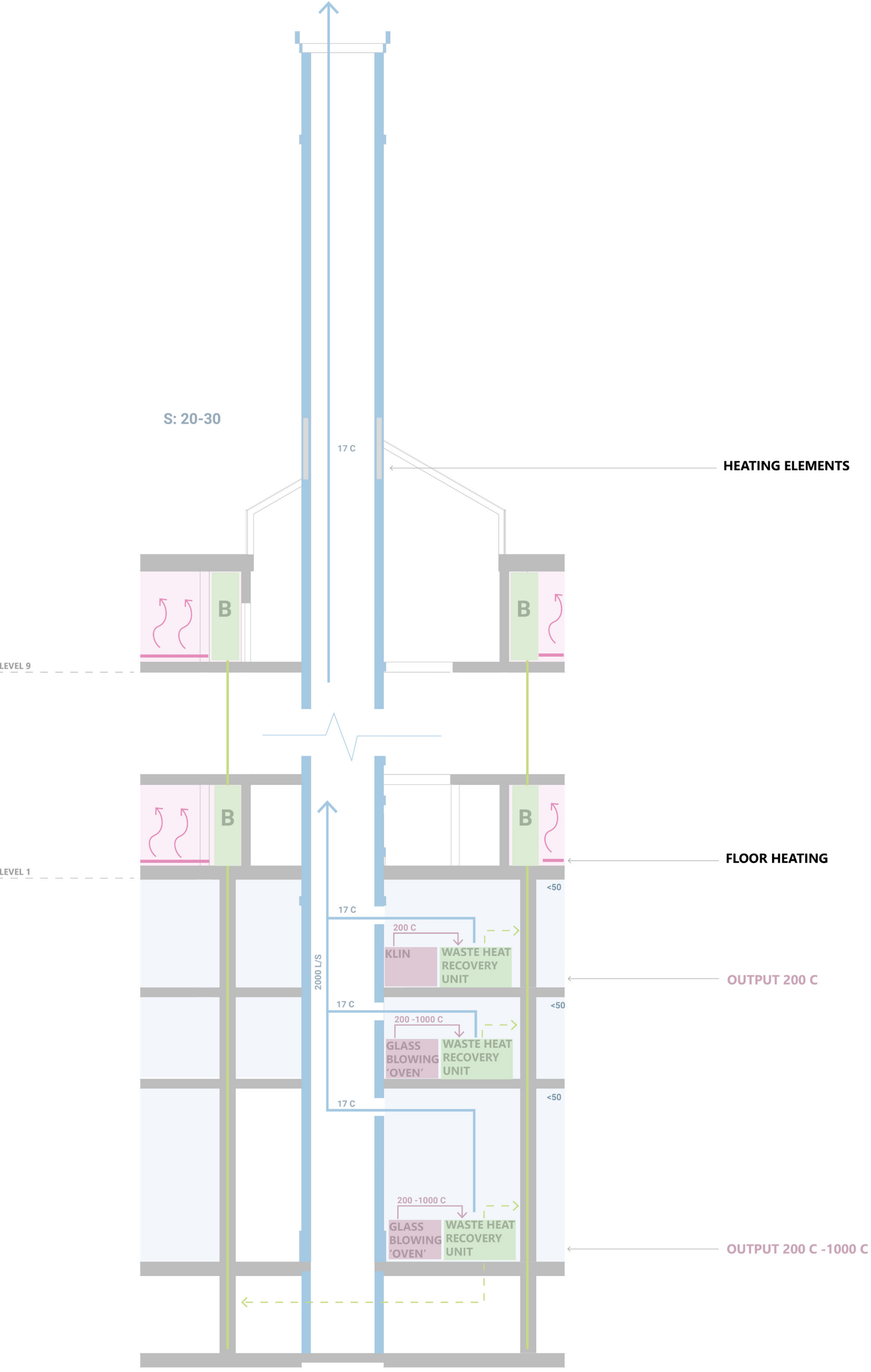
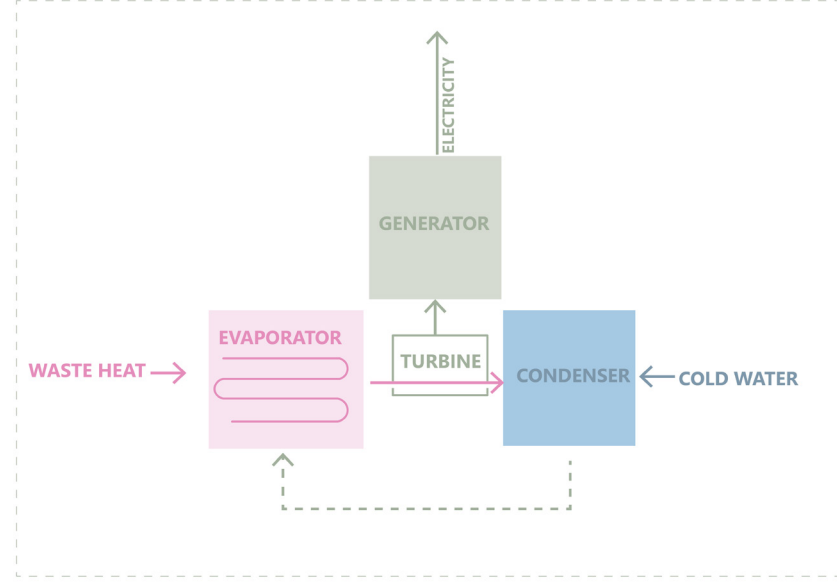
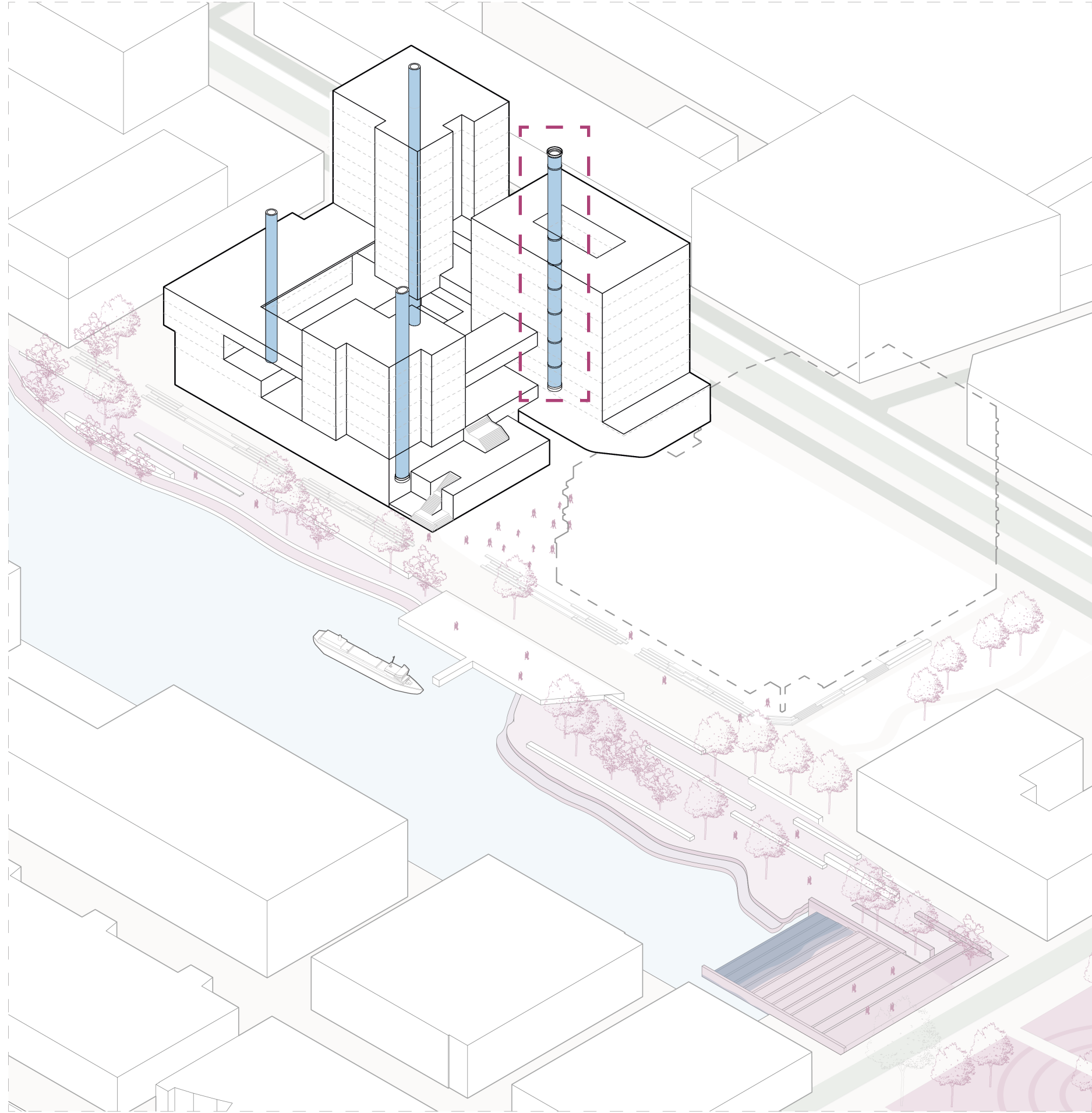
- Industry
- Social Reproduction Clusters



IV CONNECTIONS

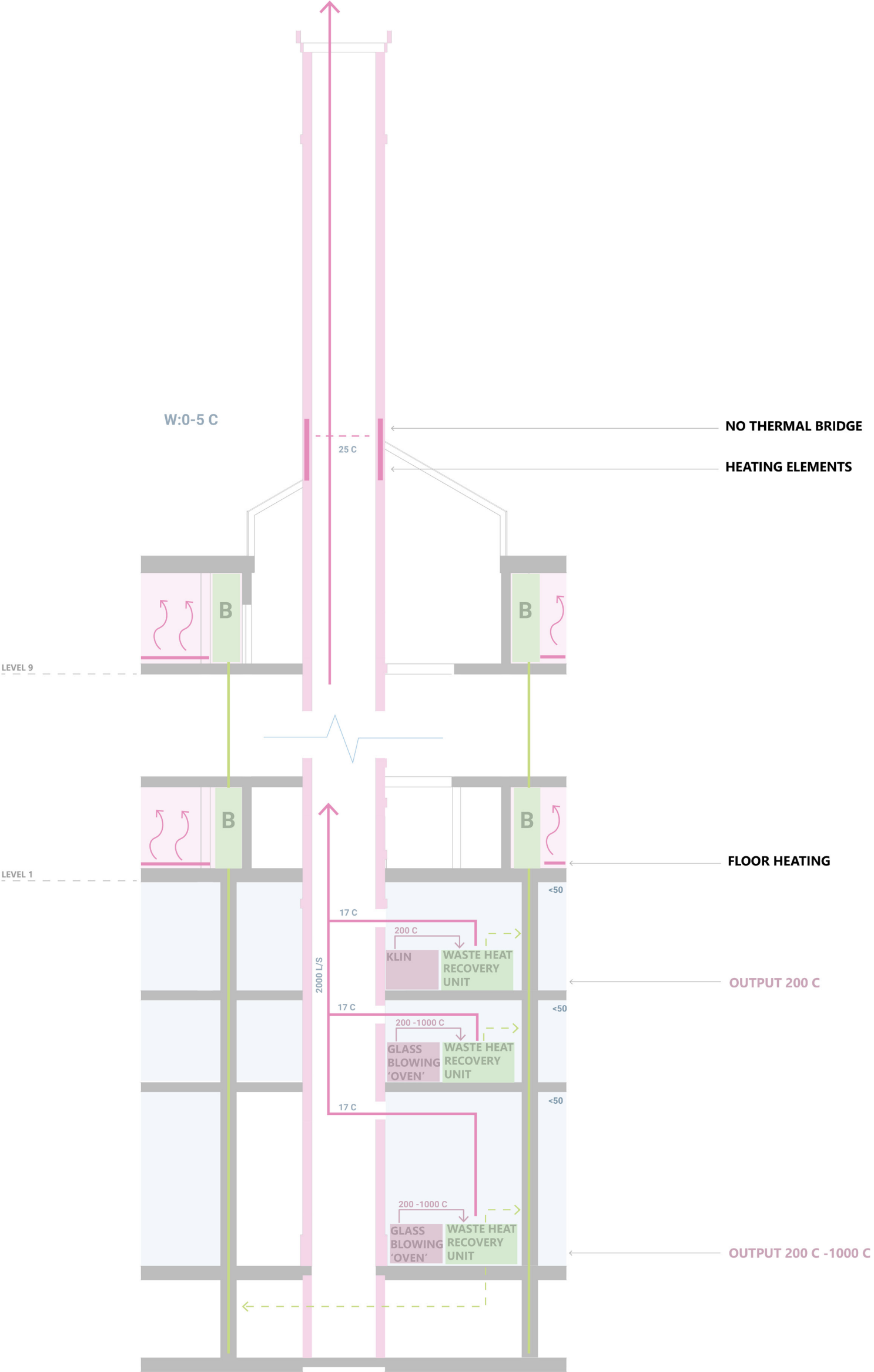
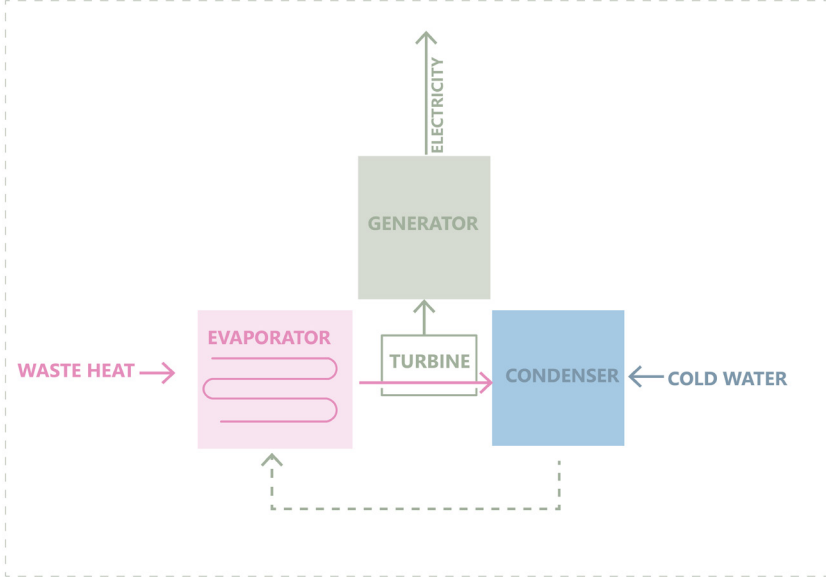
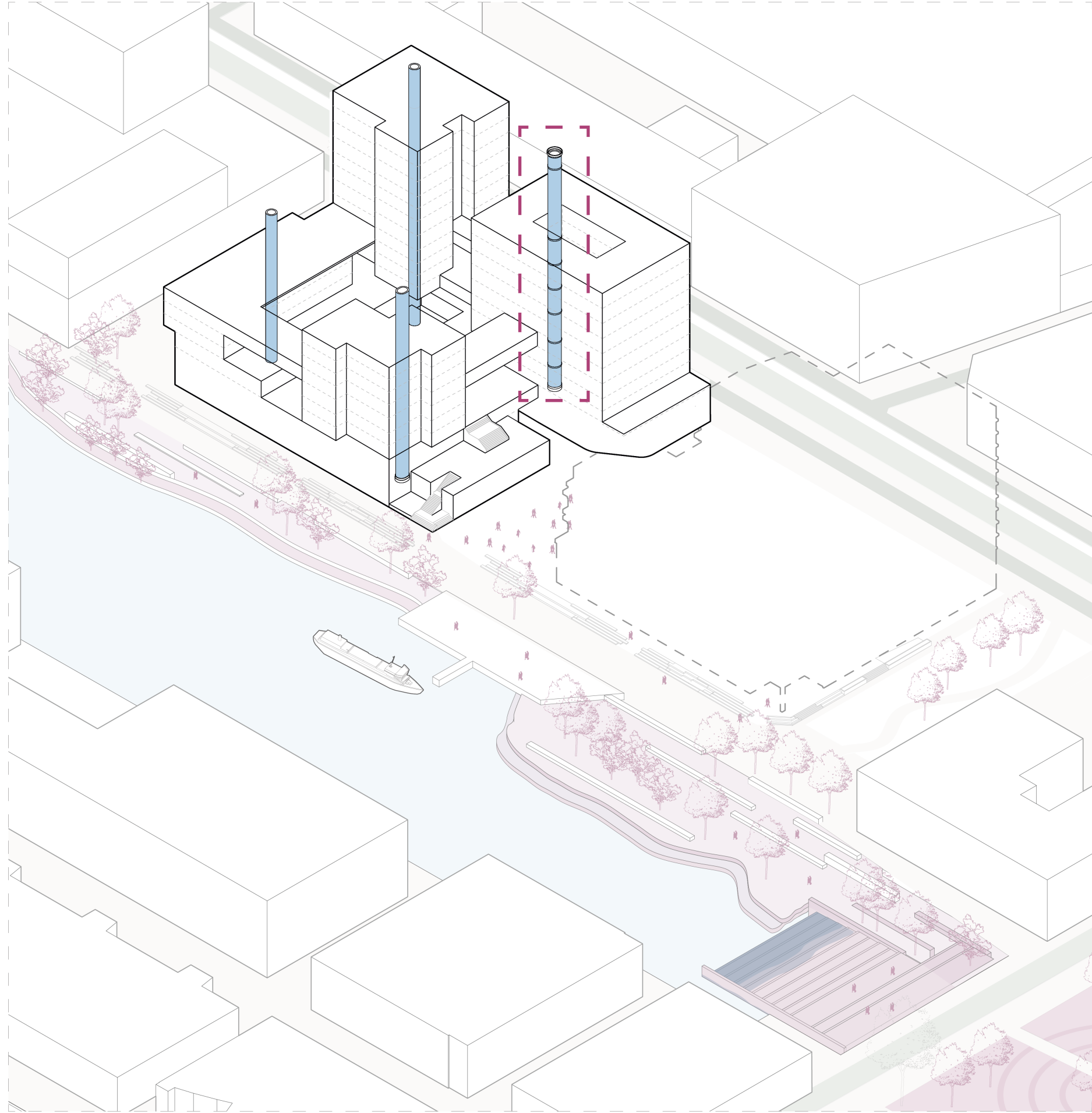
Physical Connections

Heat Harvesting-Core A Summer



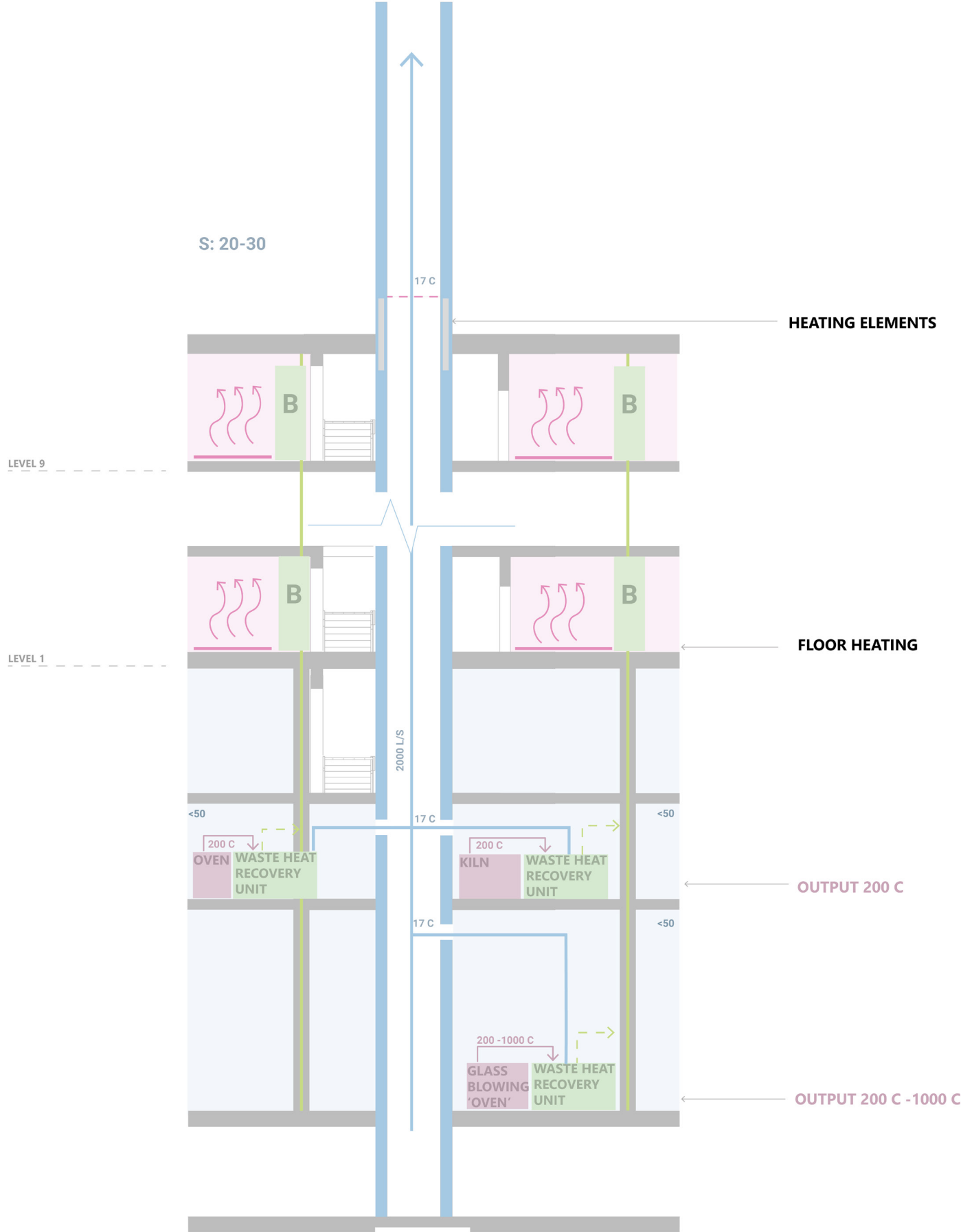
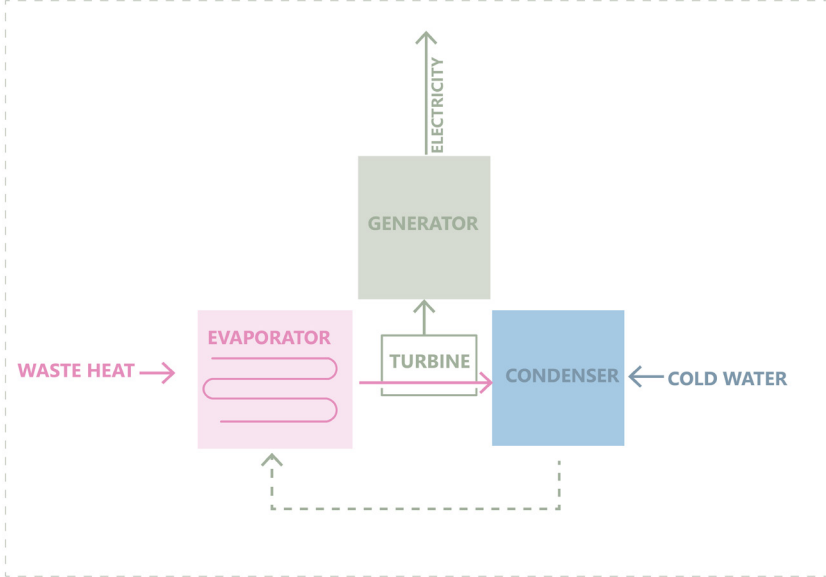
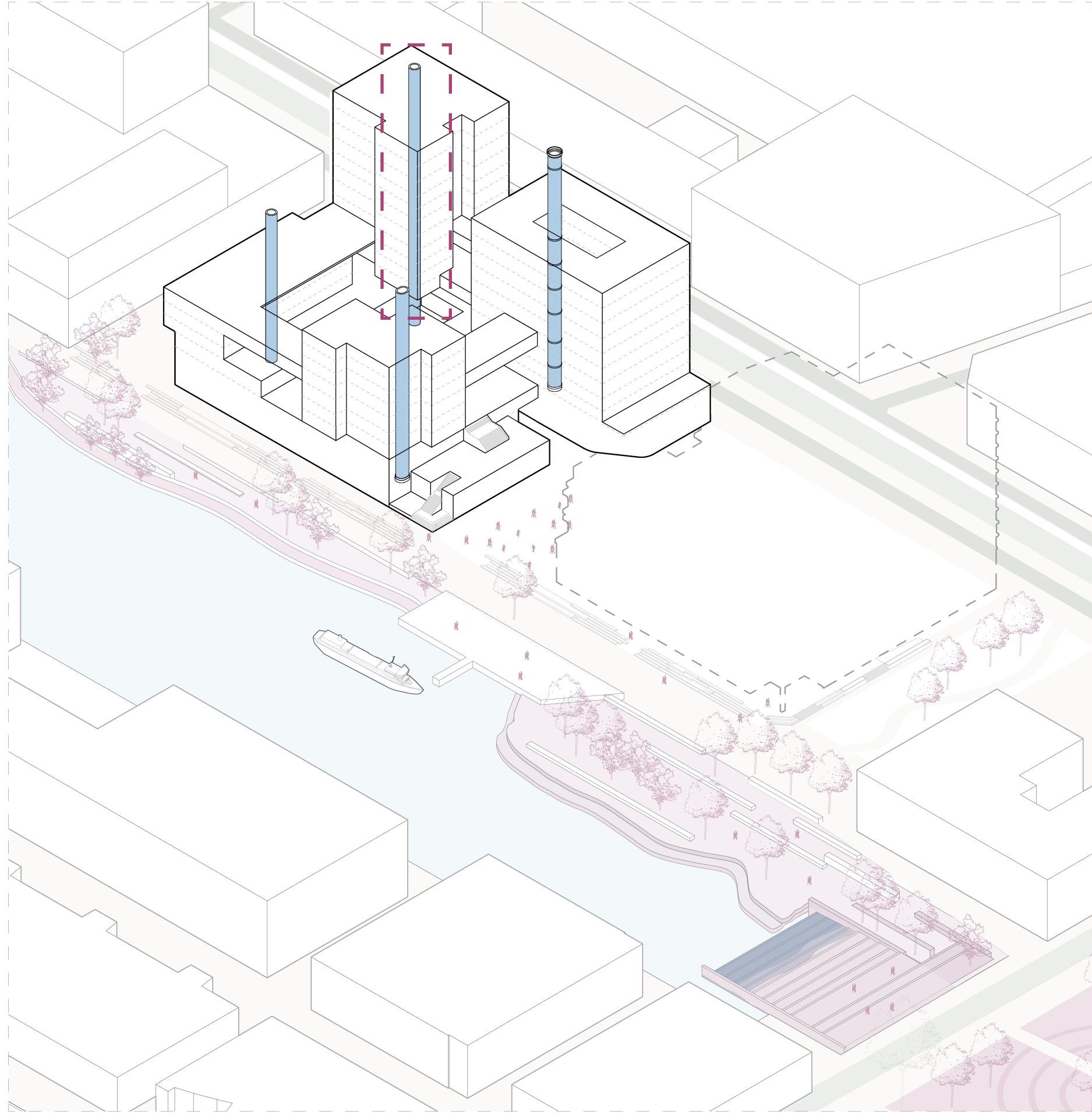
Physical Connections

Heat Harvesting-Core A Winter



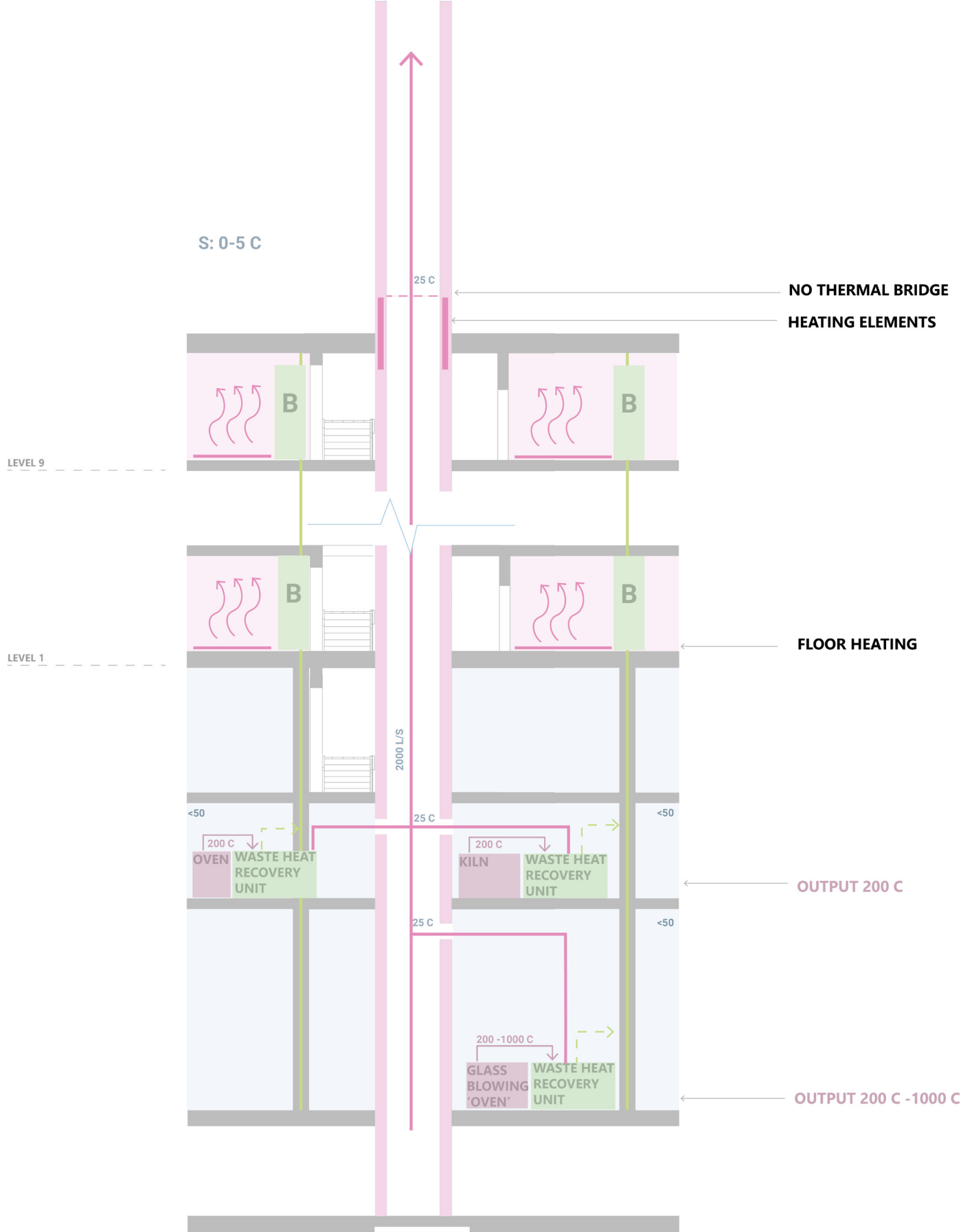
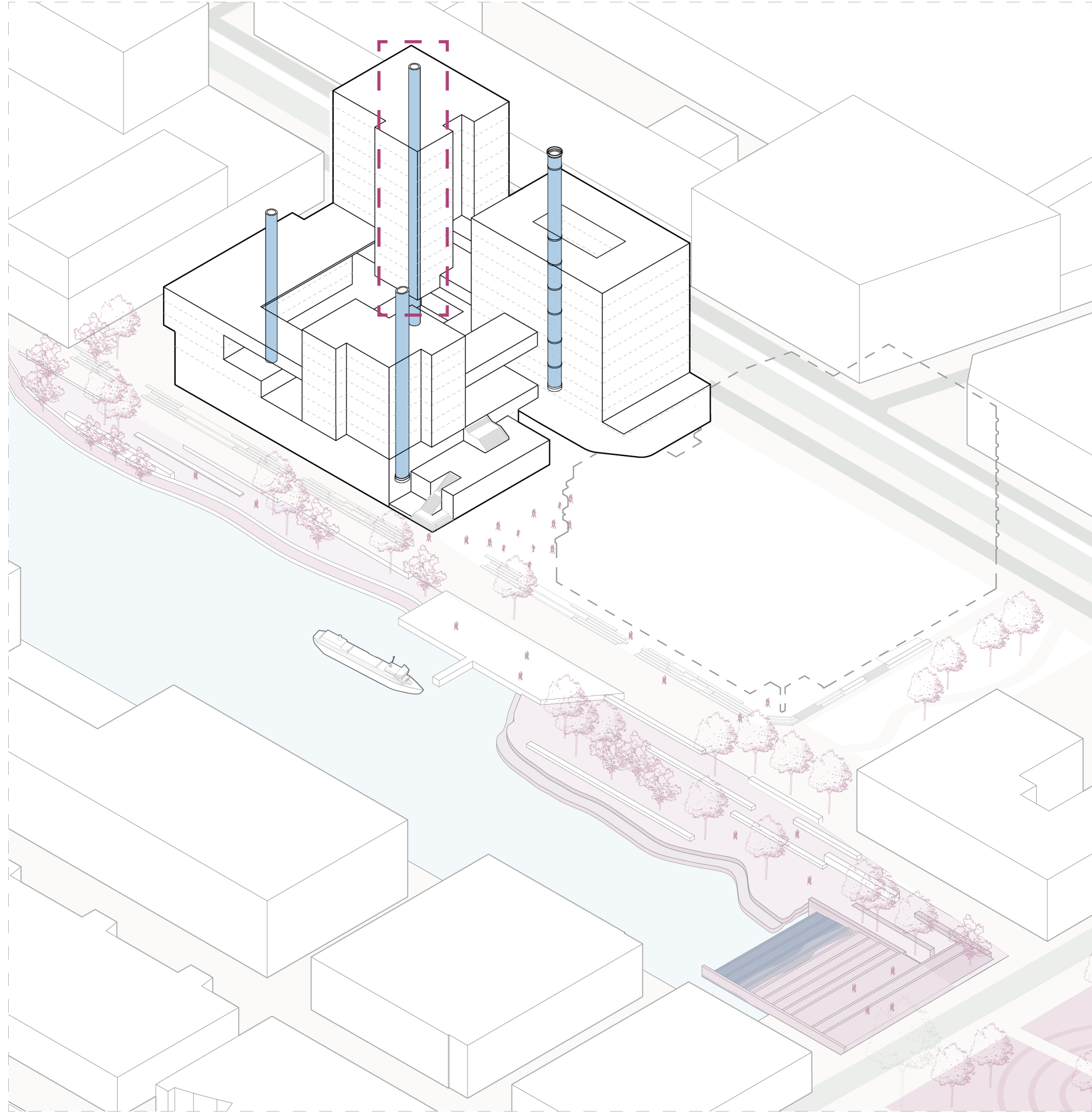
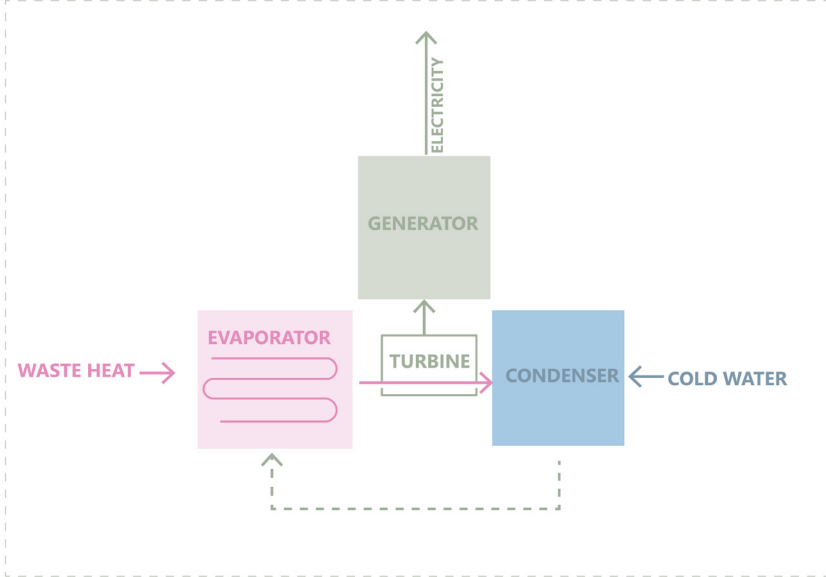
Physical Connections

Heat Harvesting-Core B Summer



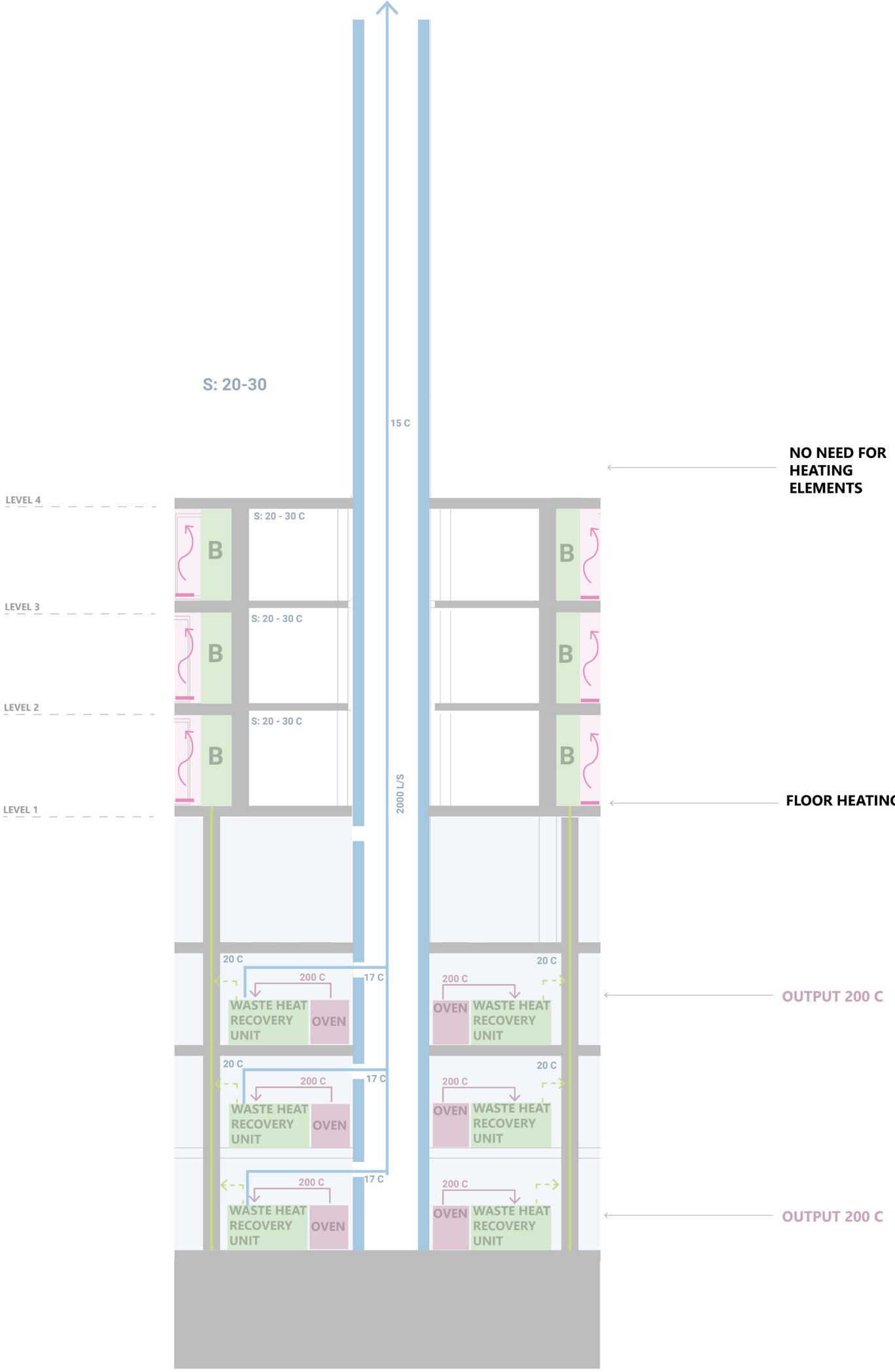
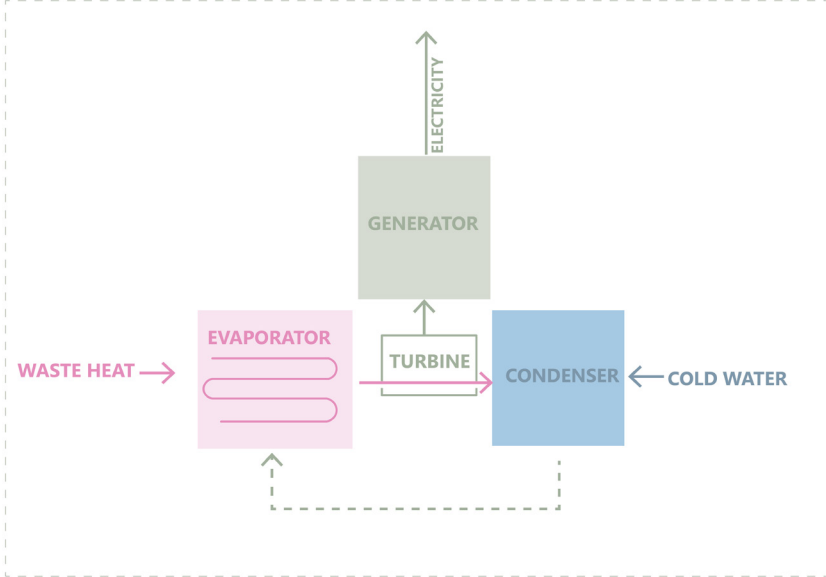
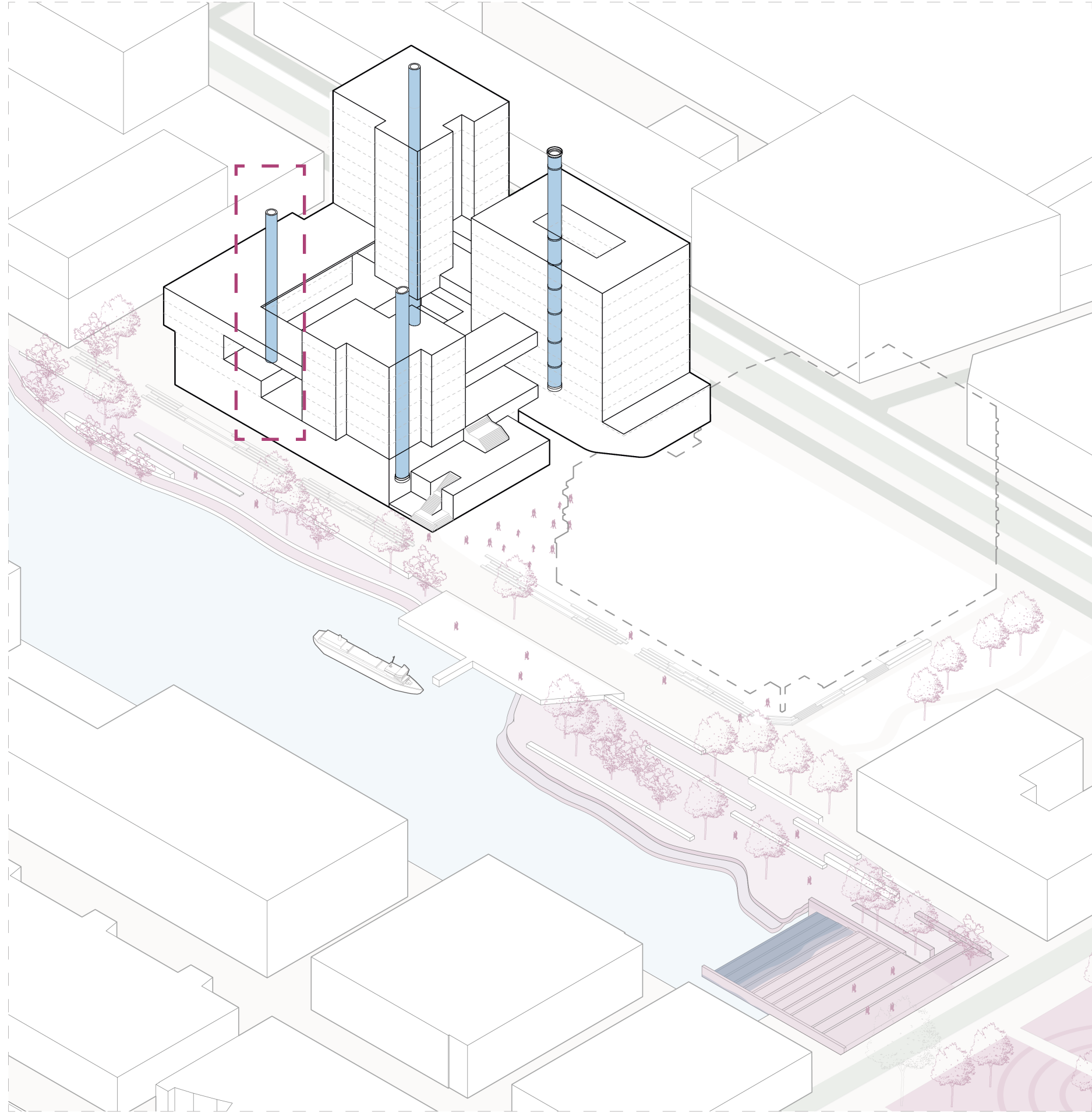
Physical Connections

Heat Harvesting-Core B Winter



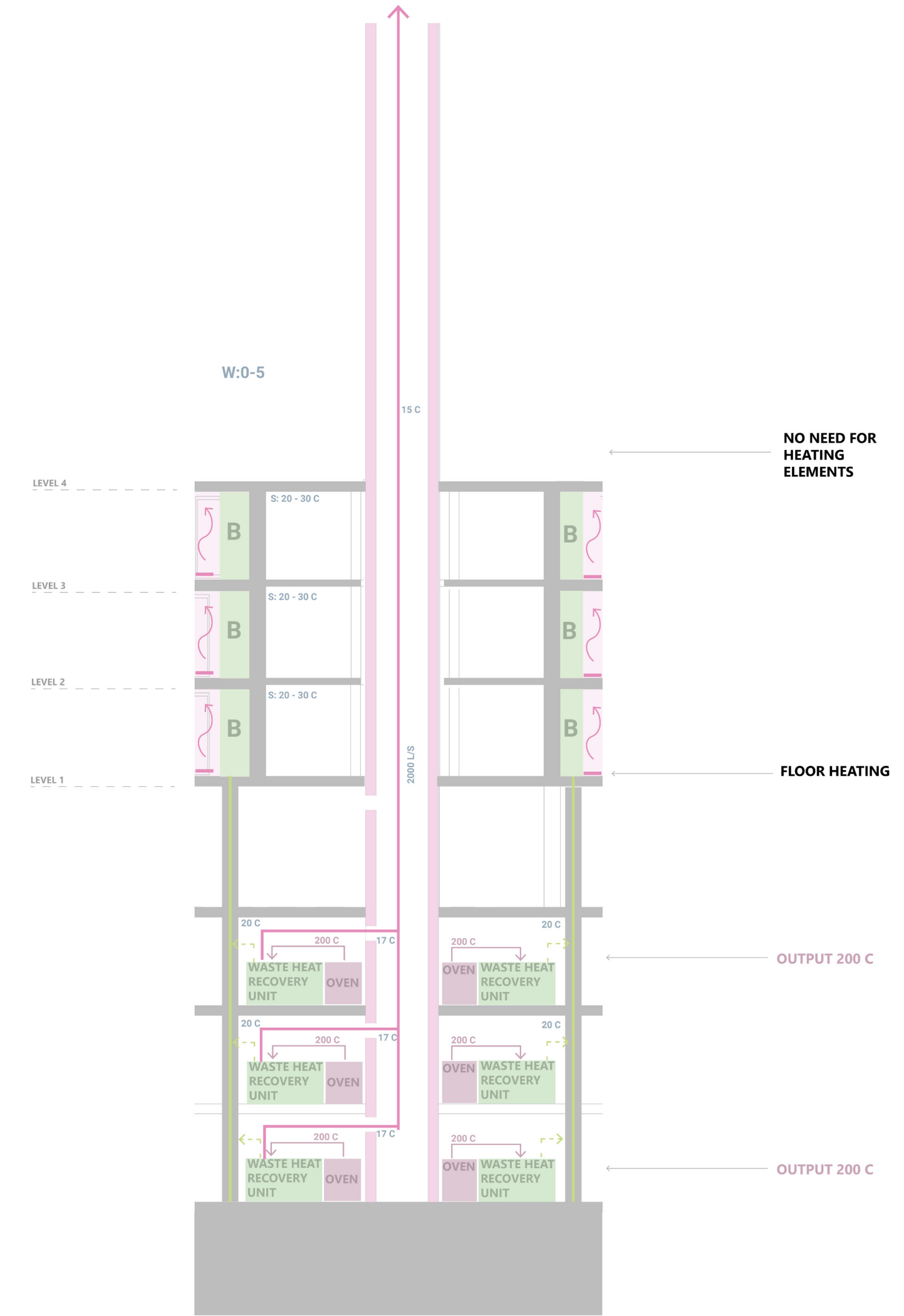
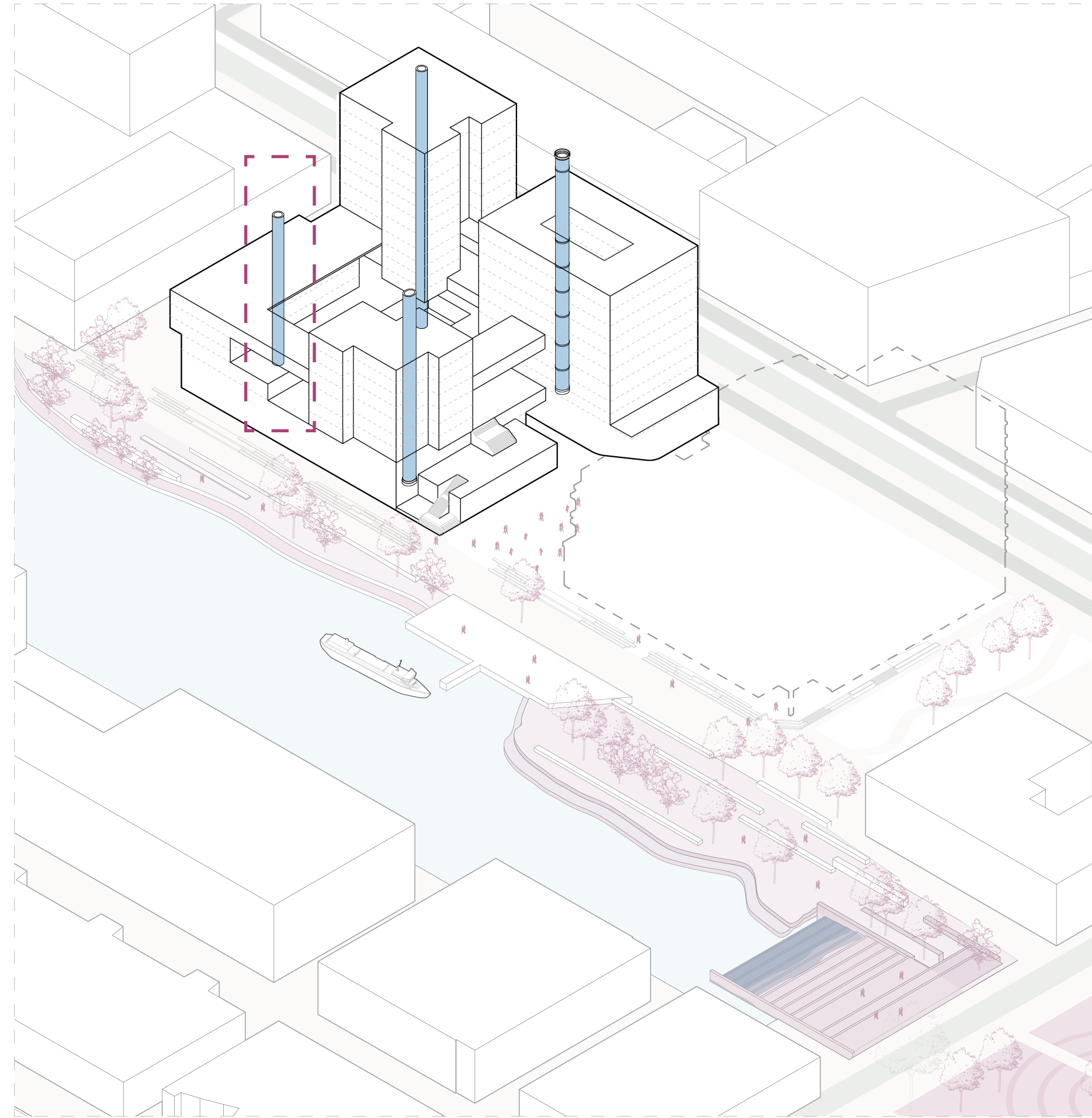
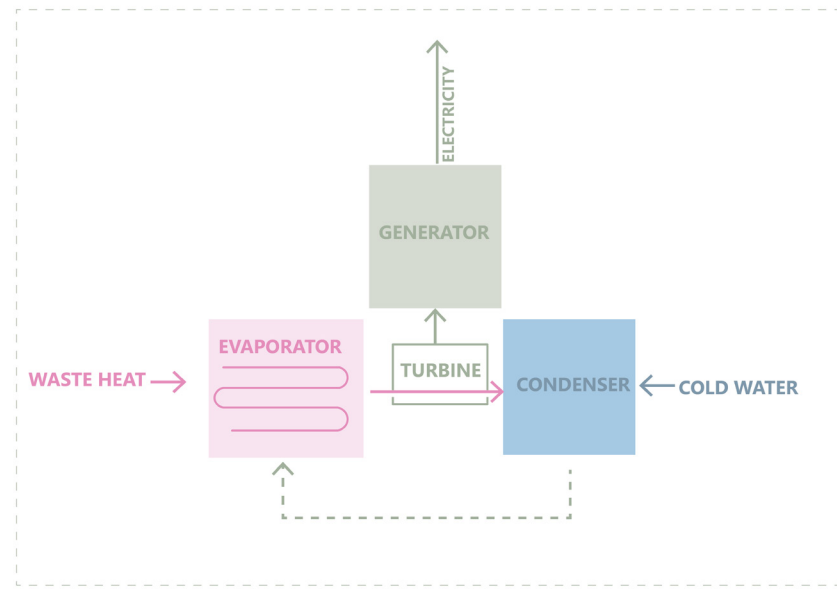
Physical Connections

Heat Harvesting-Core C Summer



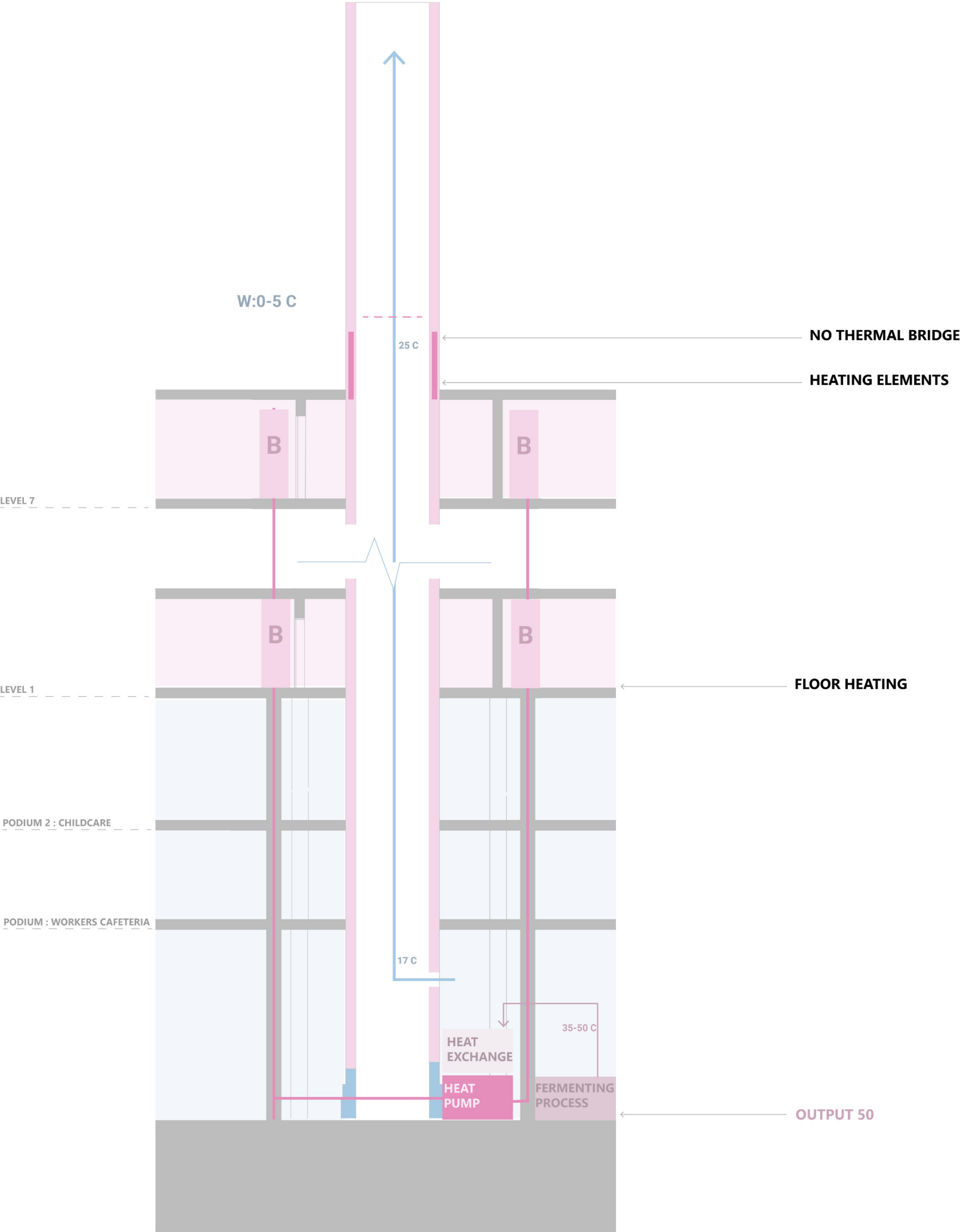
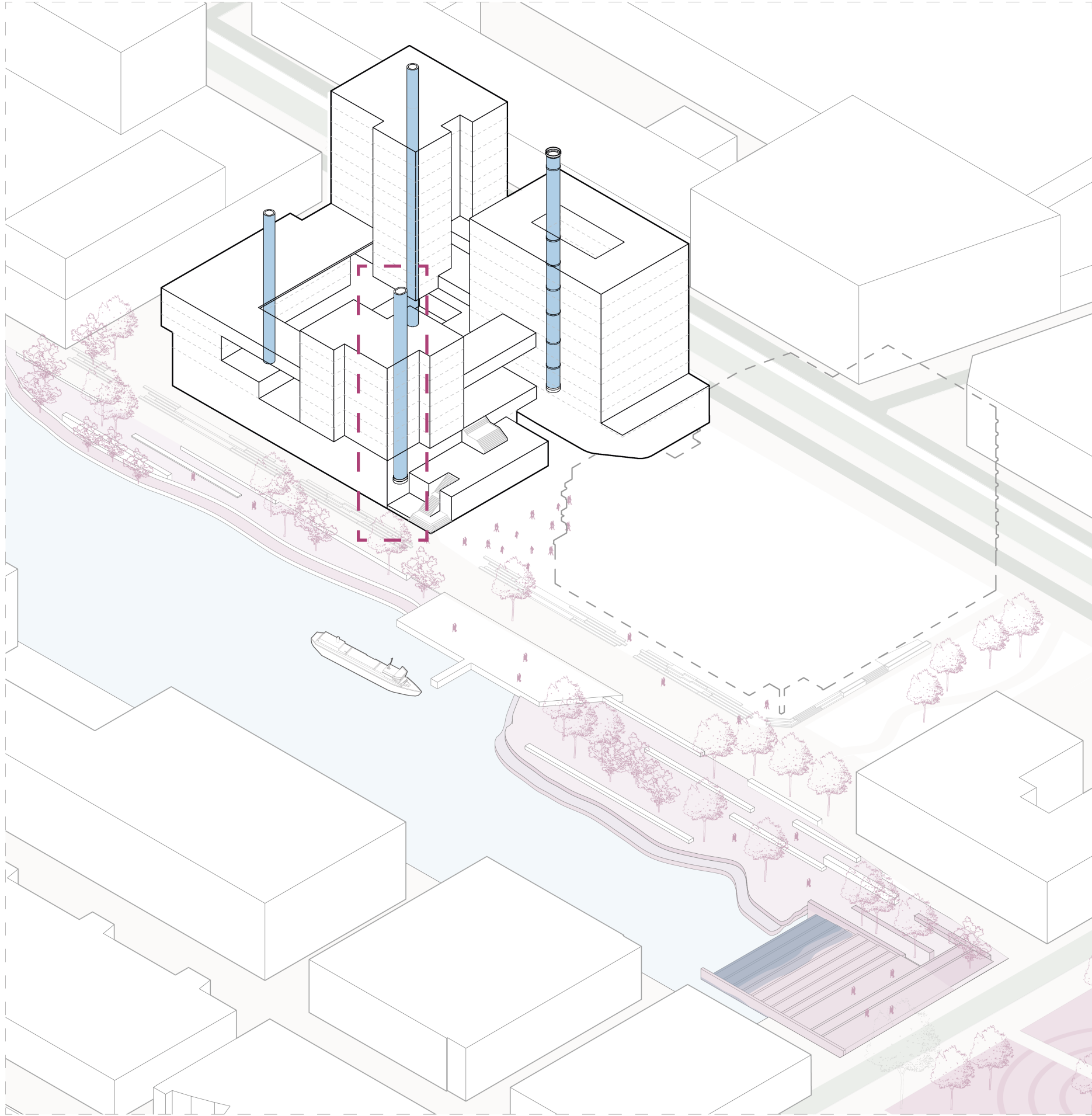
Physical Connections

Heat Harvesting-Core Winter



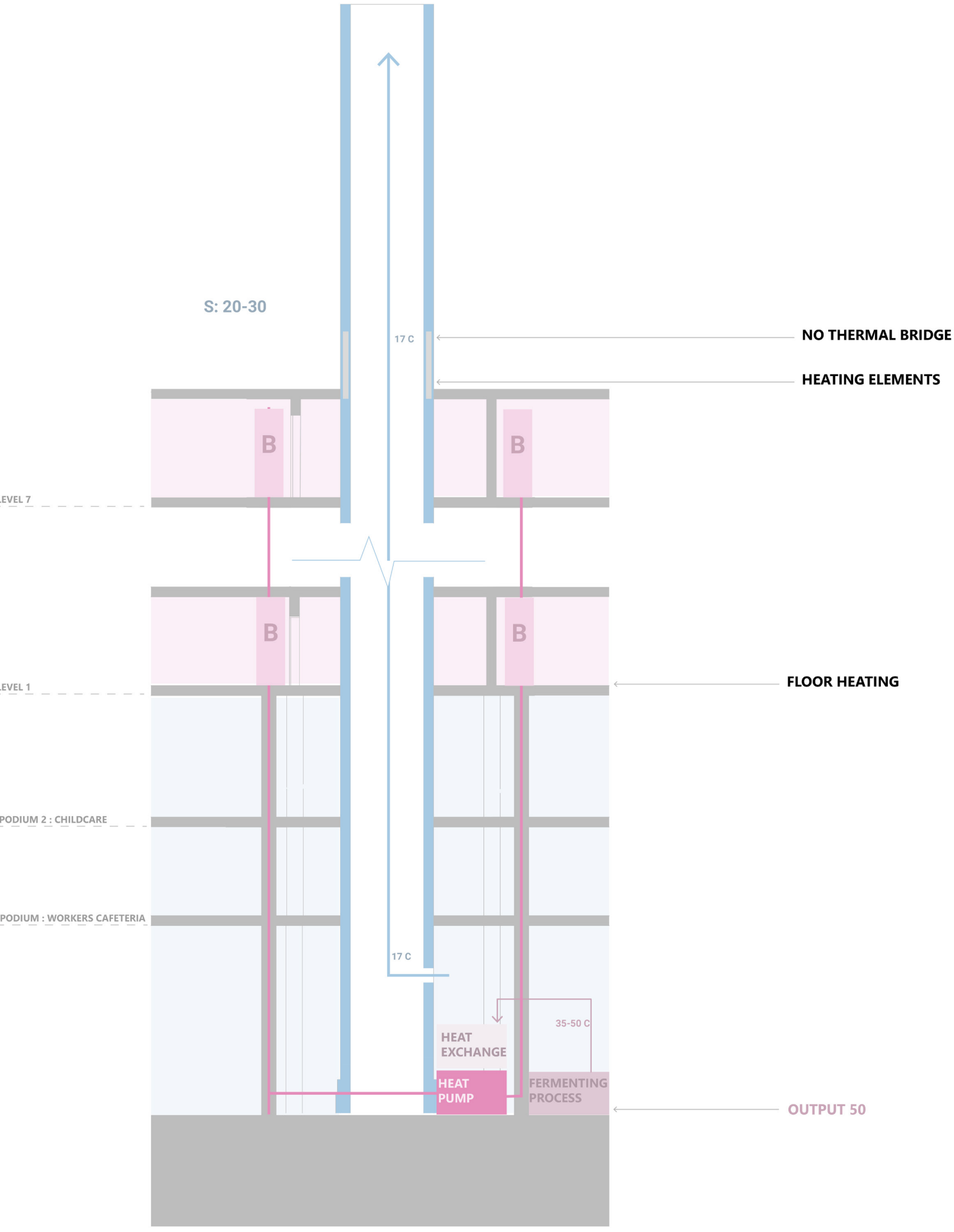
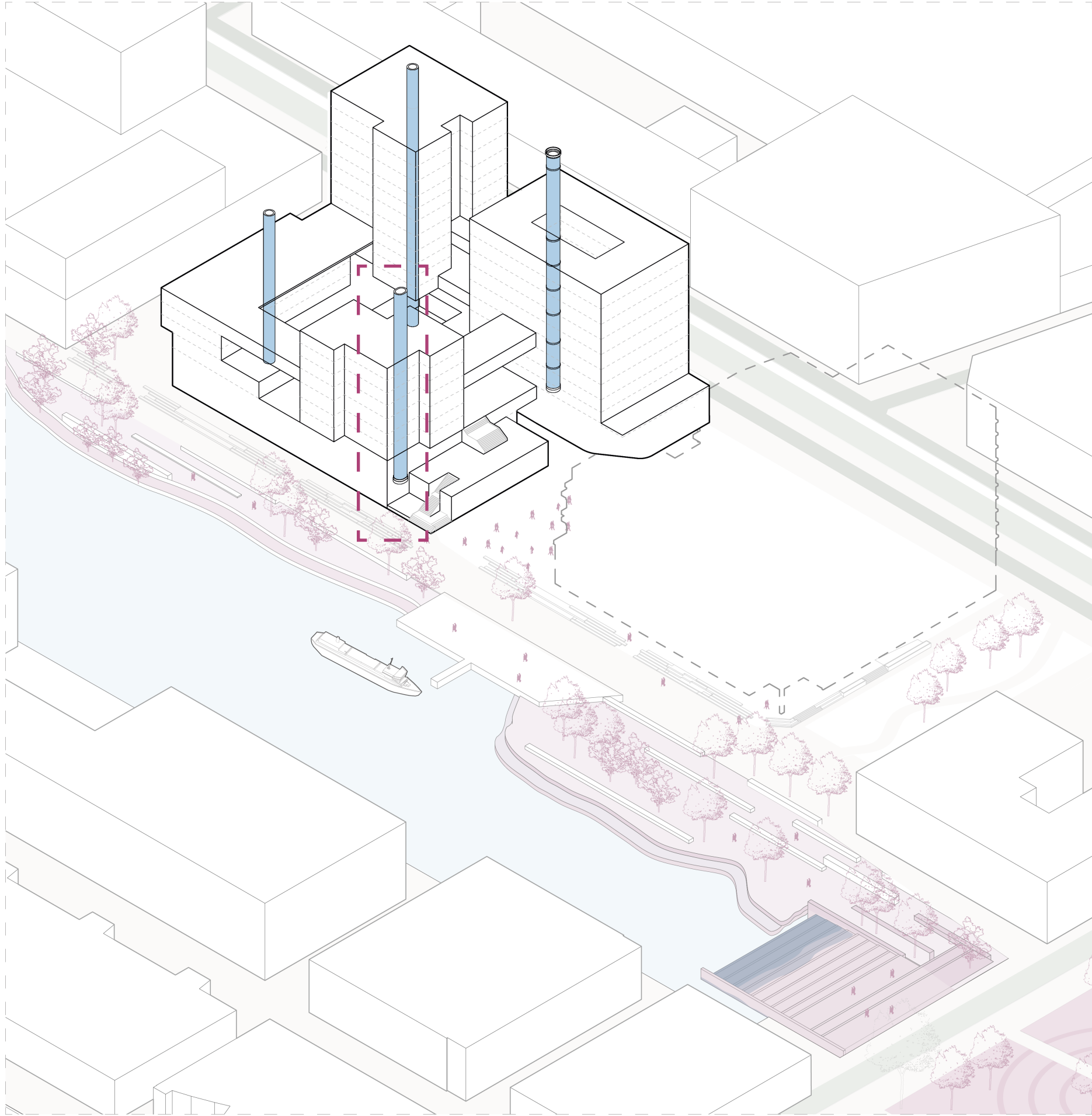
Physical Connections

Heat Harvesting-Core D Winter



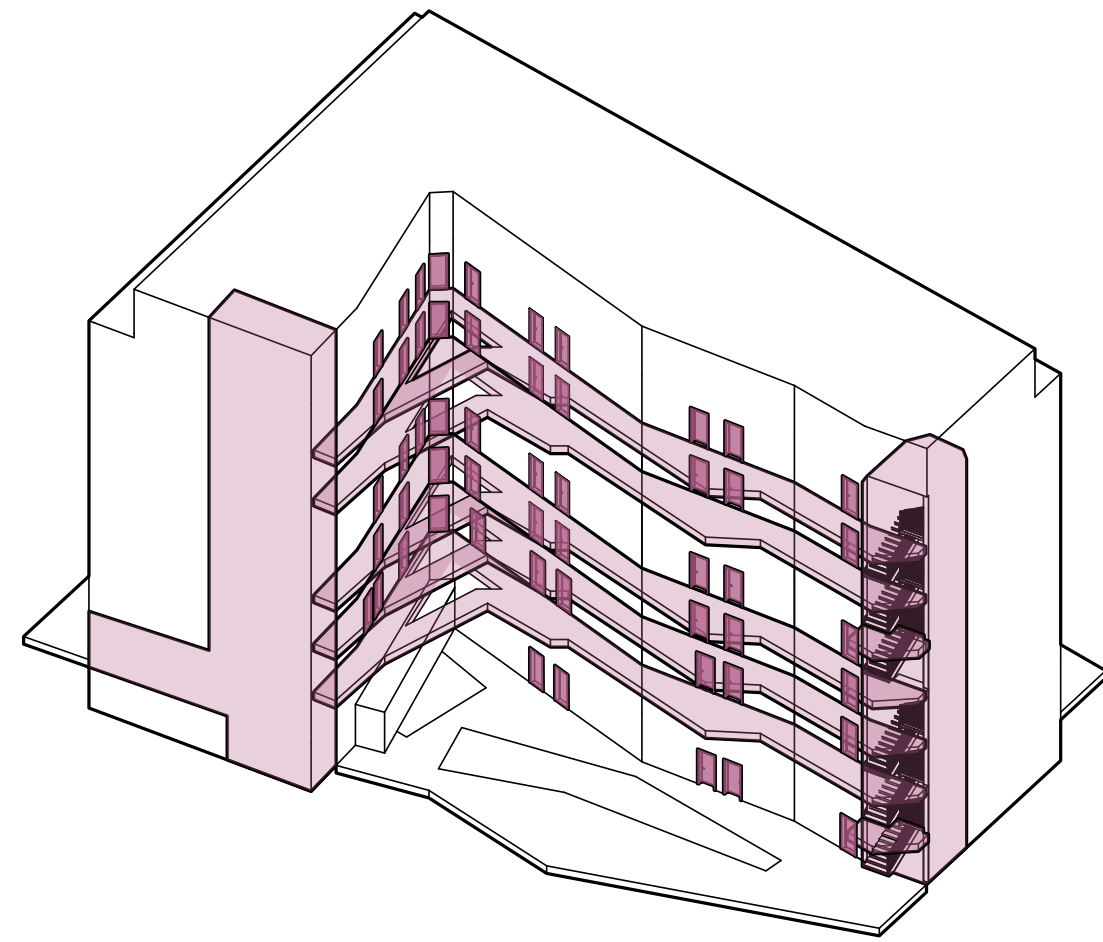
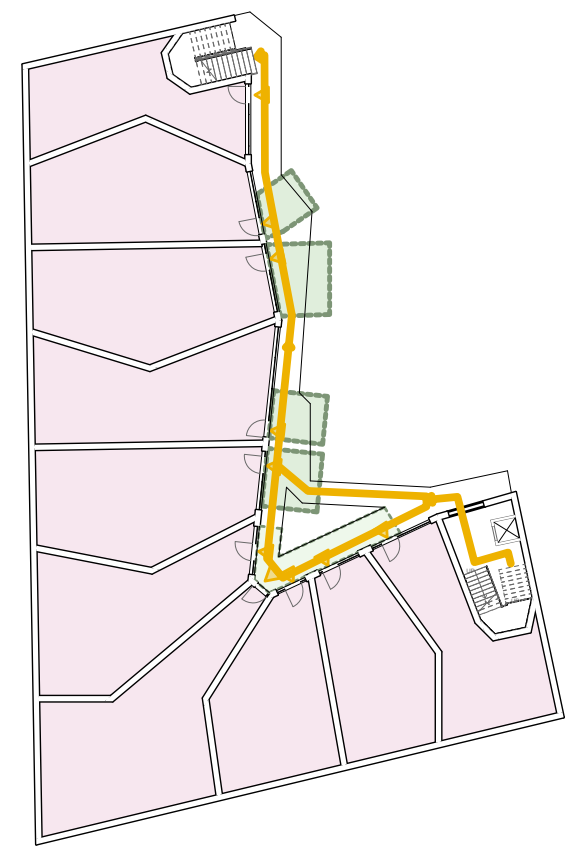
Physical Connections

Heat Harvesting-Core D Summer



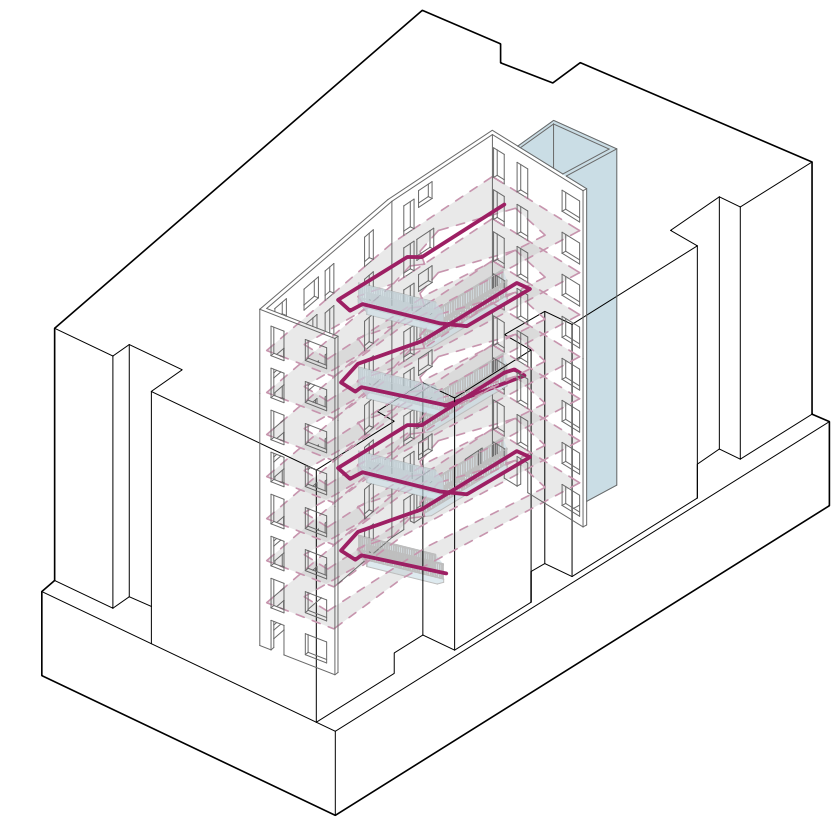
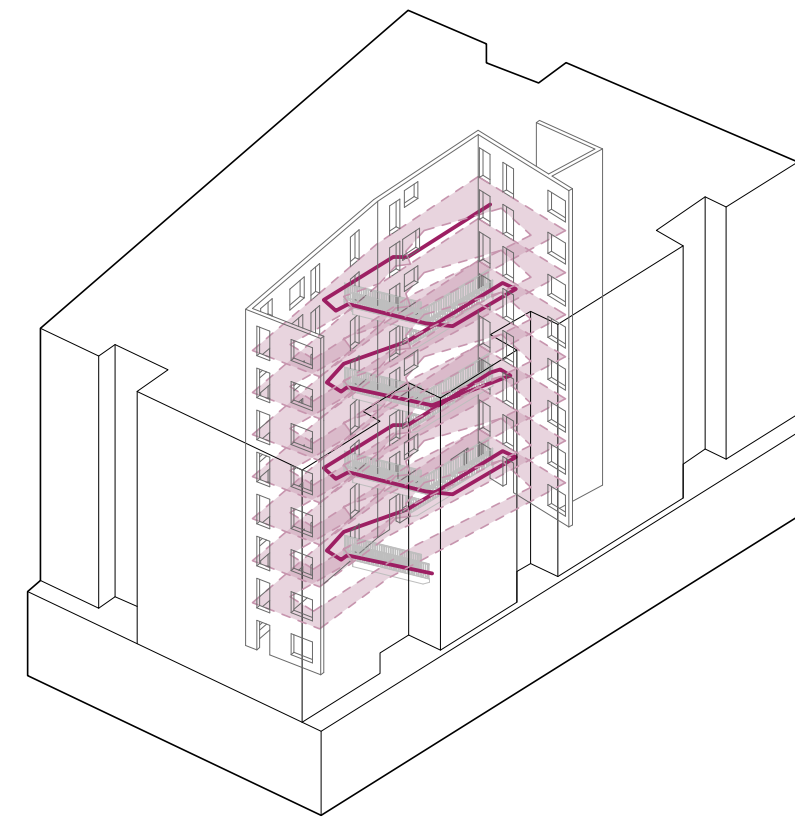
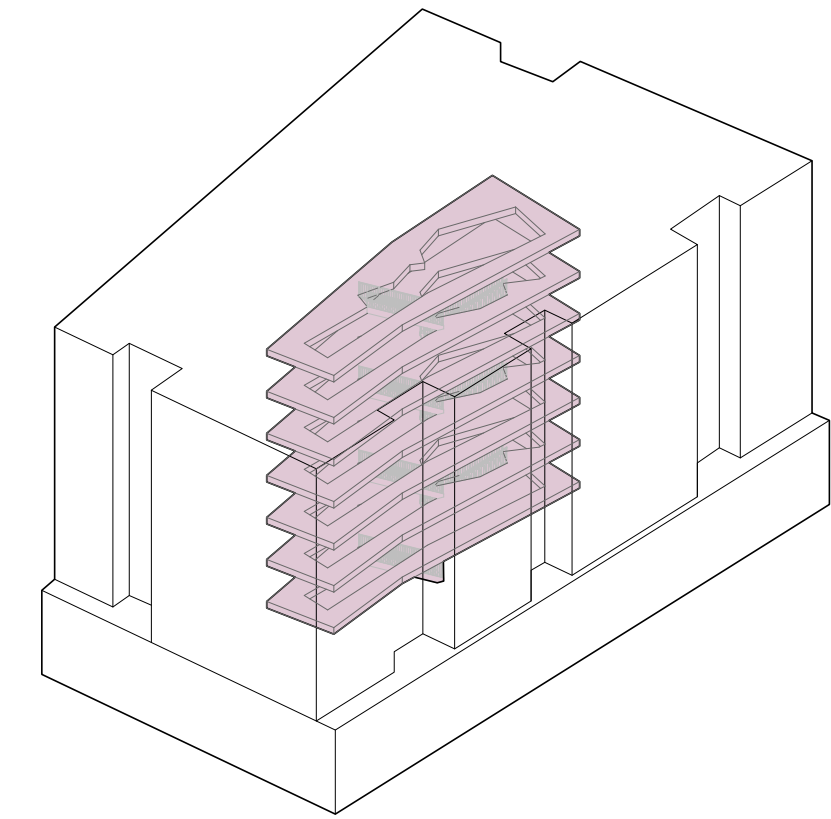
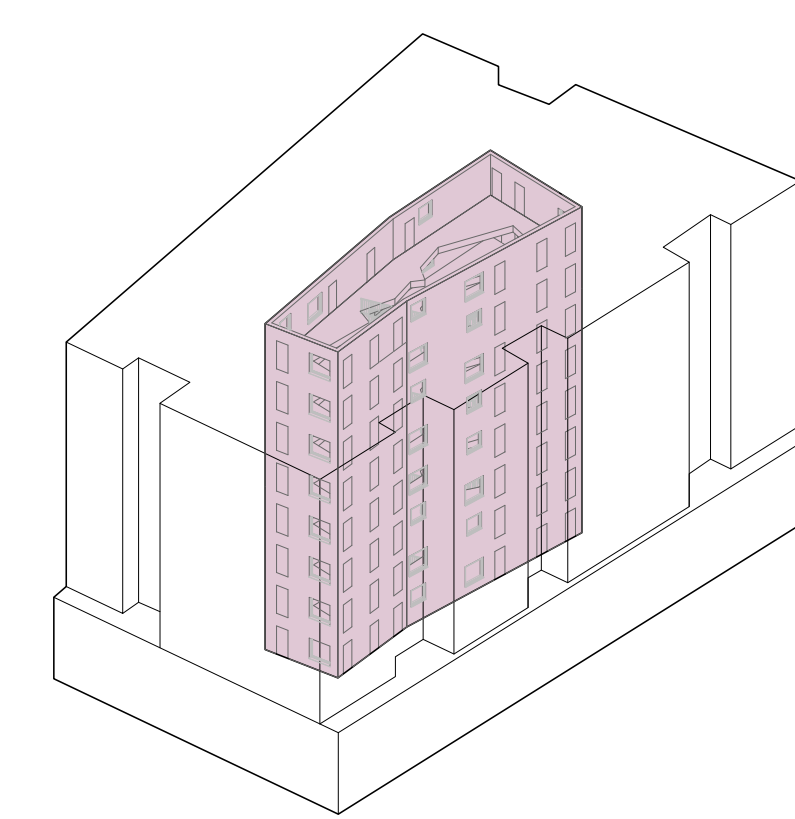
Study Case 1: Miss Sargfabrik

Study Case 2: Mehr als Wohnen Haus M



- Appropriated space
- Circulation
- ▶ Entrance
- Dwelling unit
- [] Chosen apartment

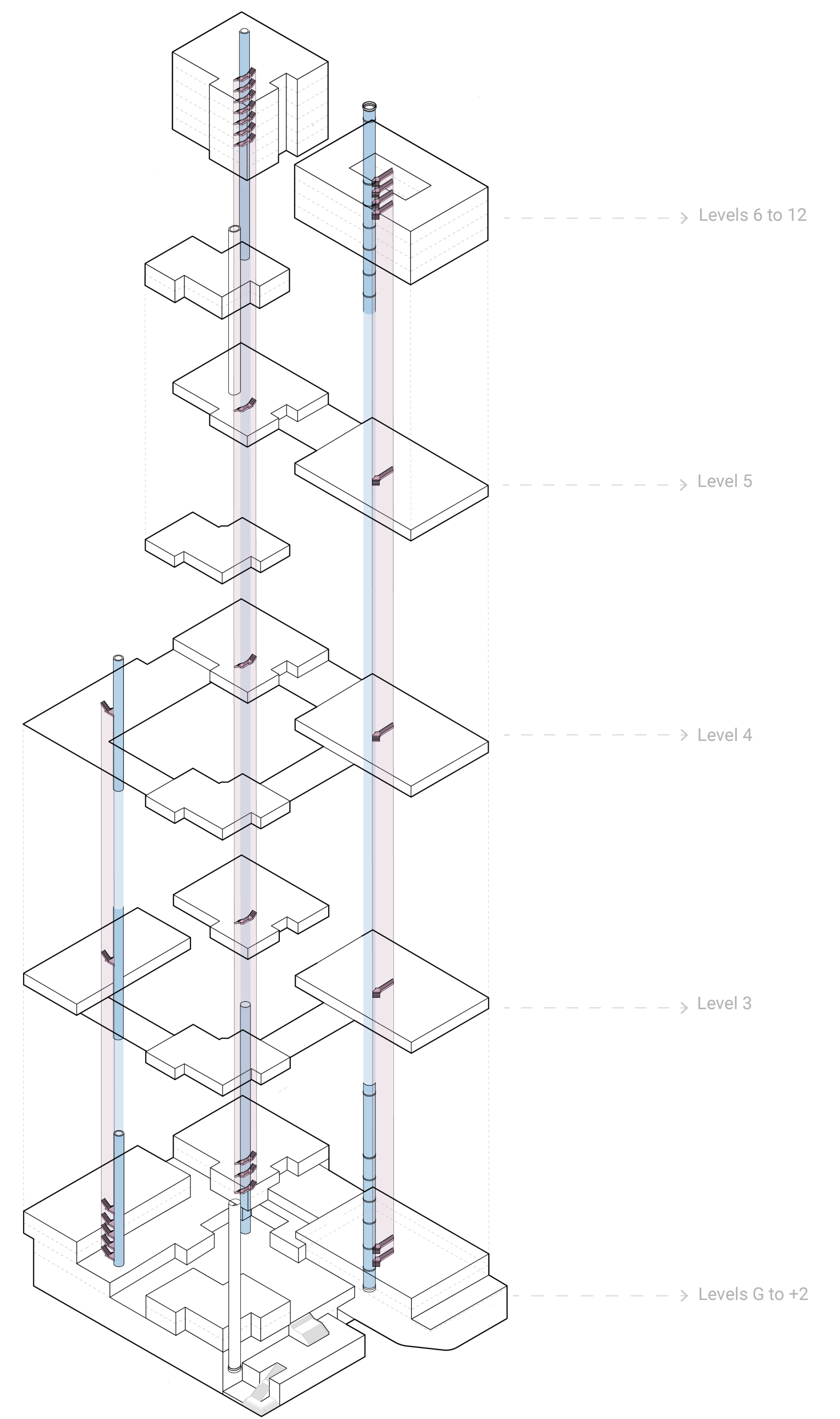
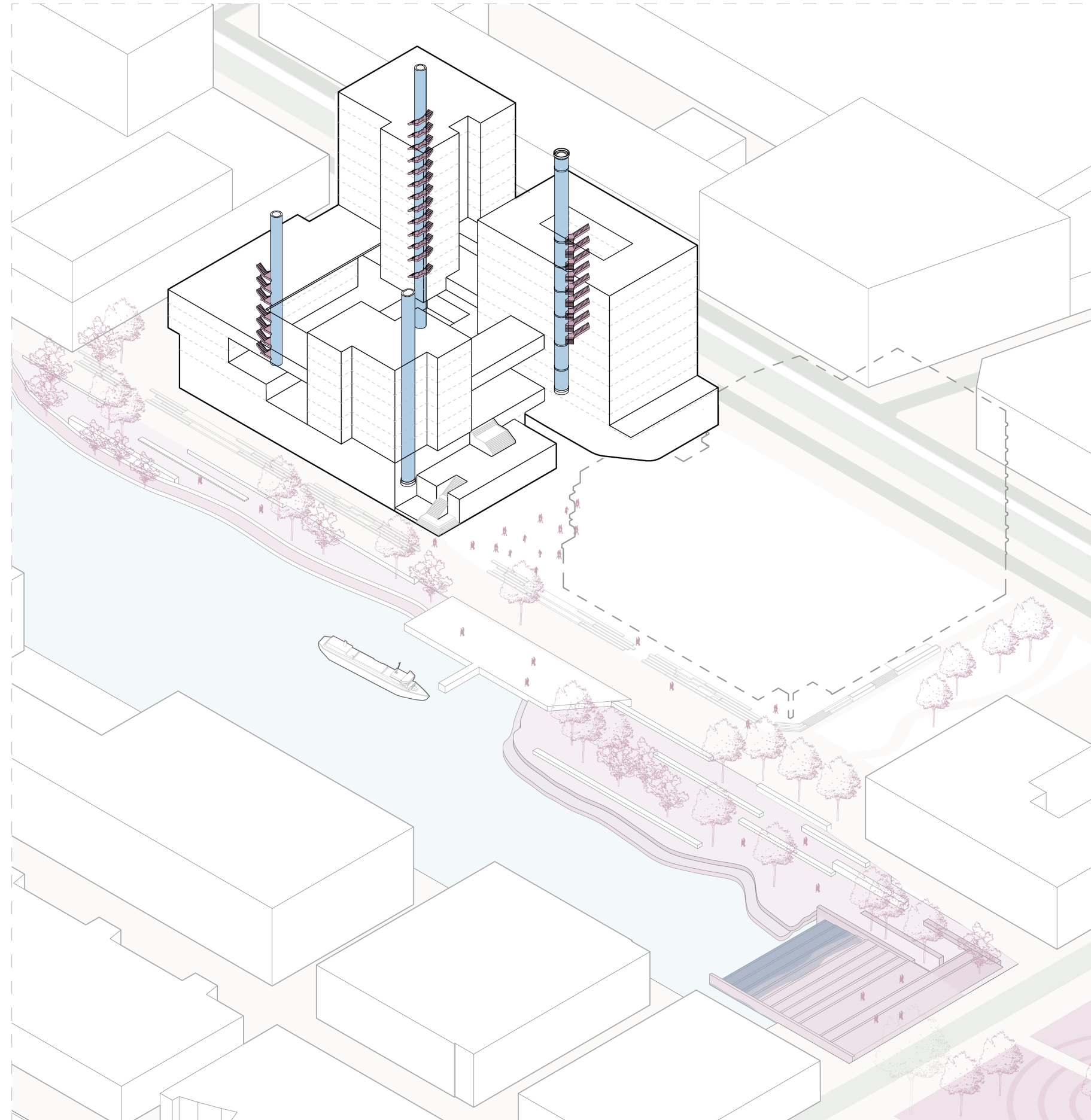
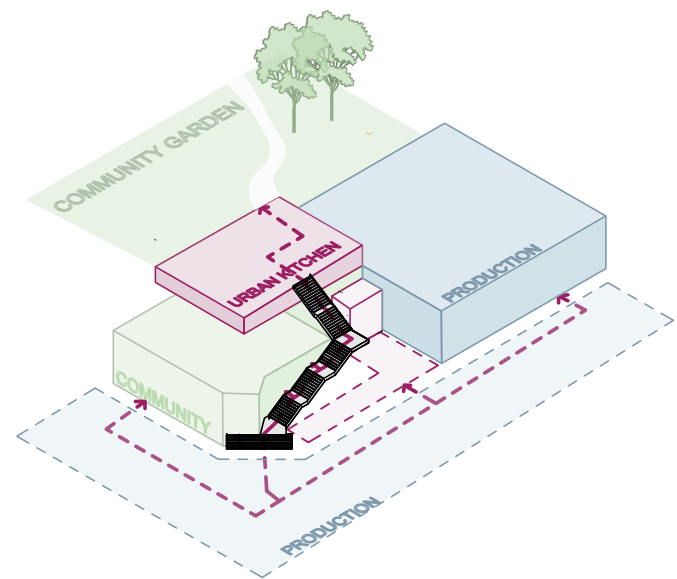
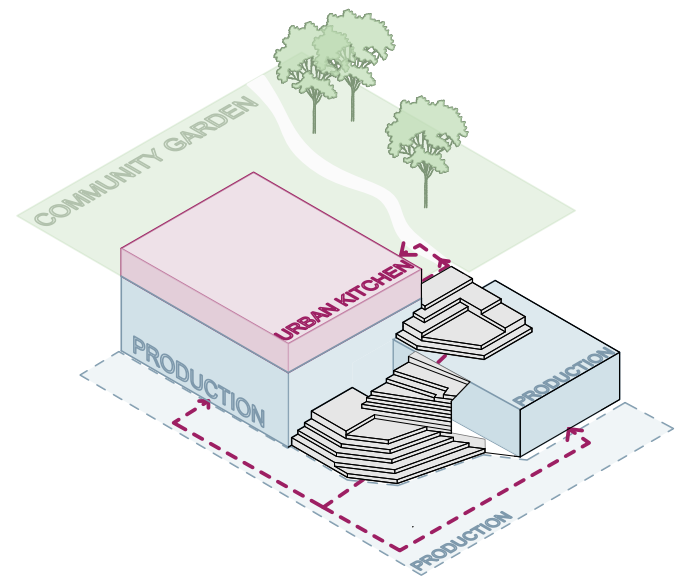
■ Circulation system



■ Circulation system

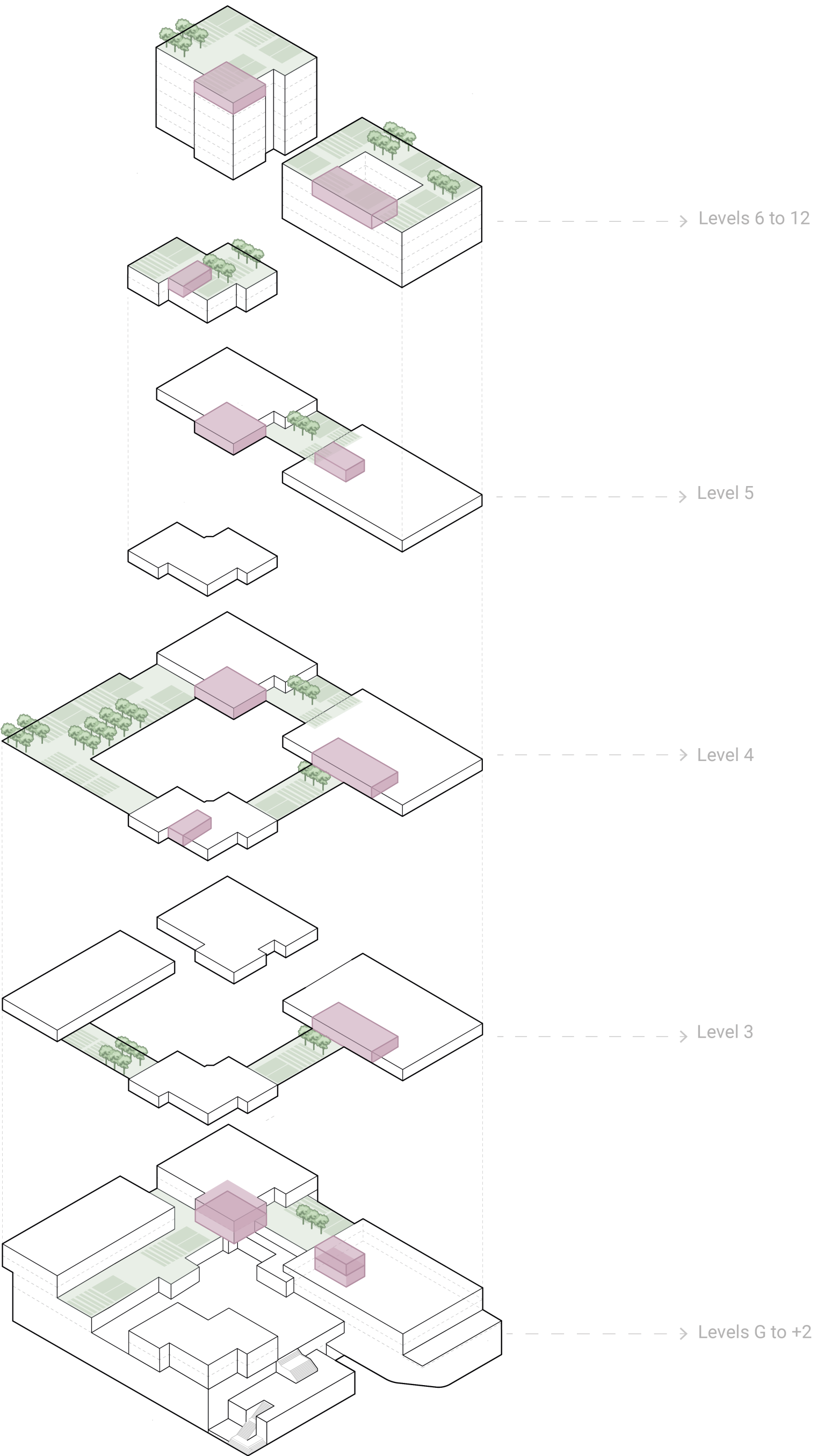
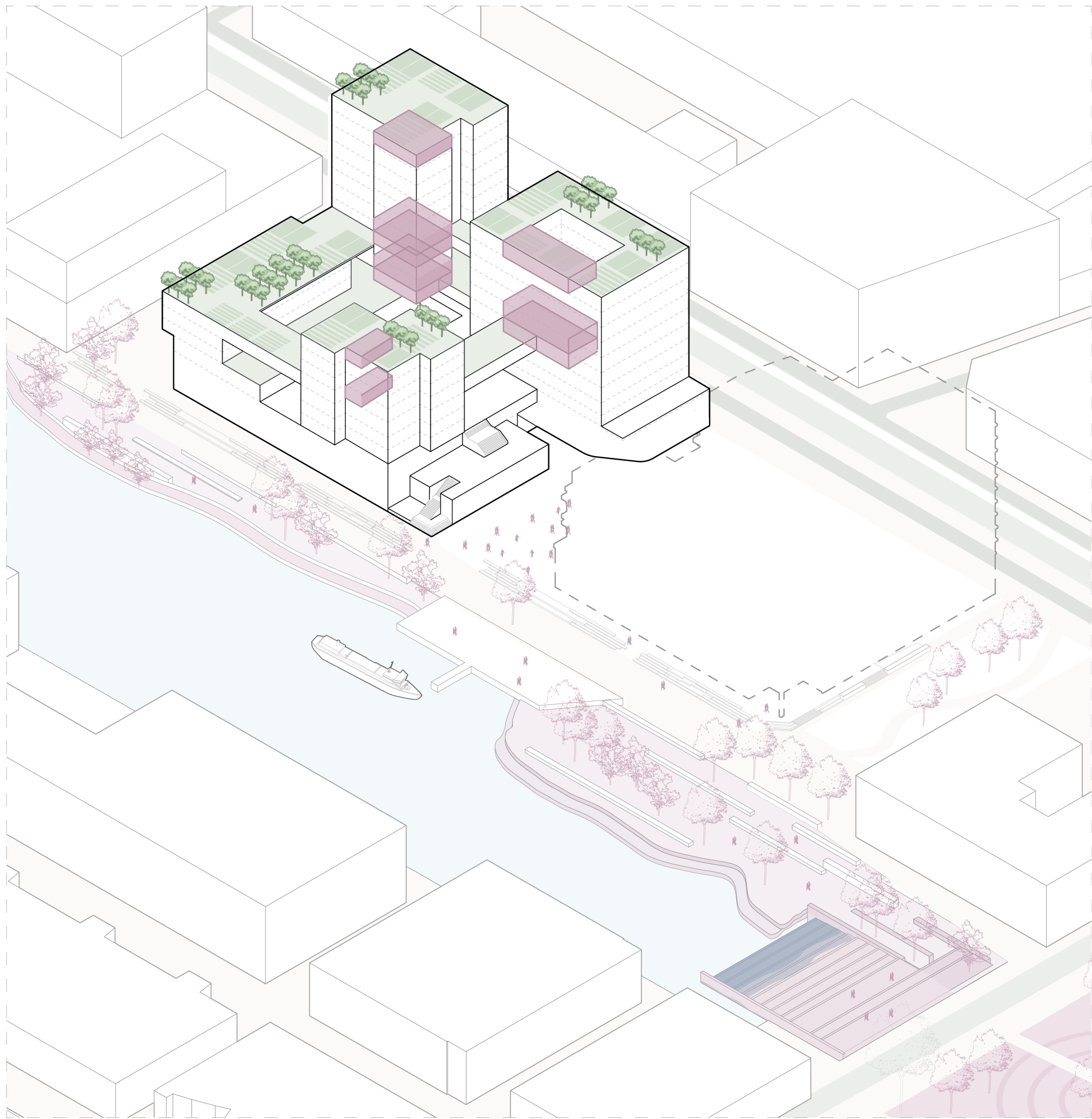
Physical Connections

Energy



IV COMMUNITY

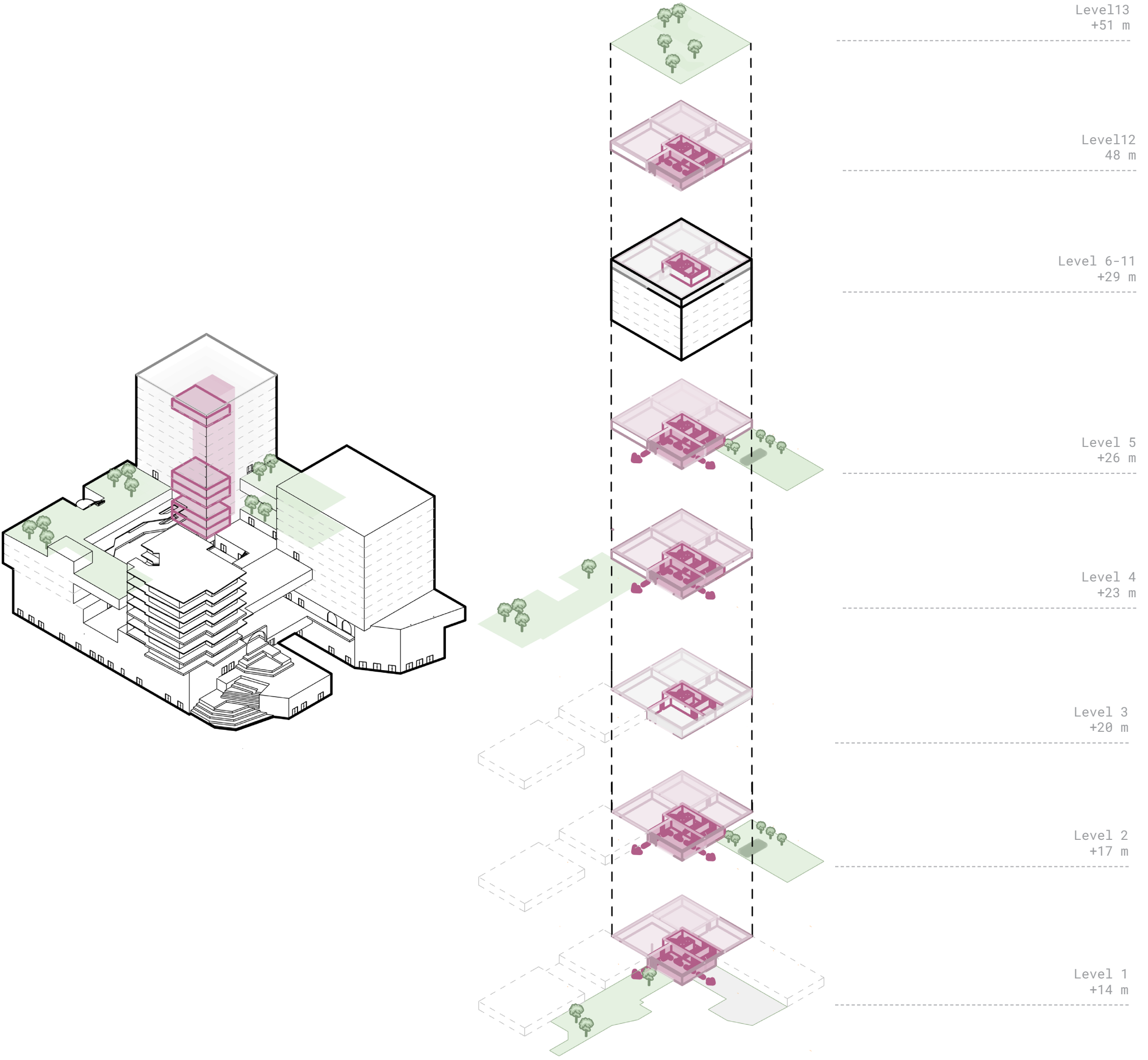
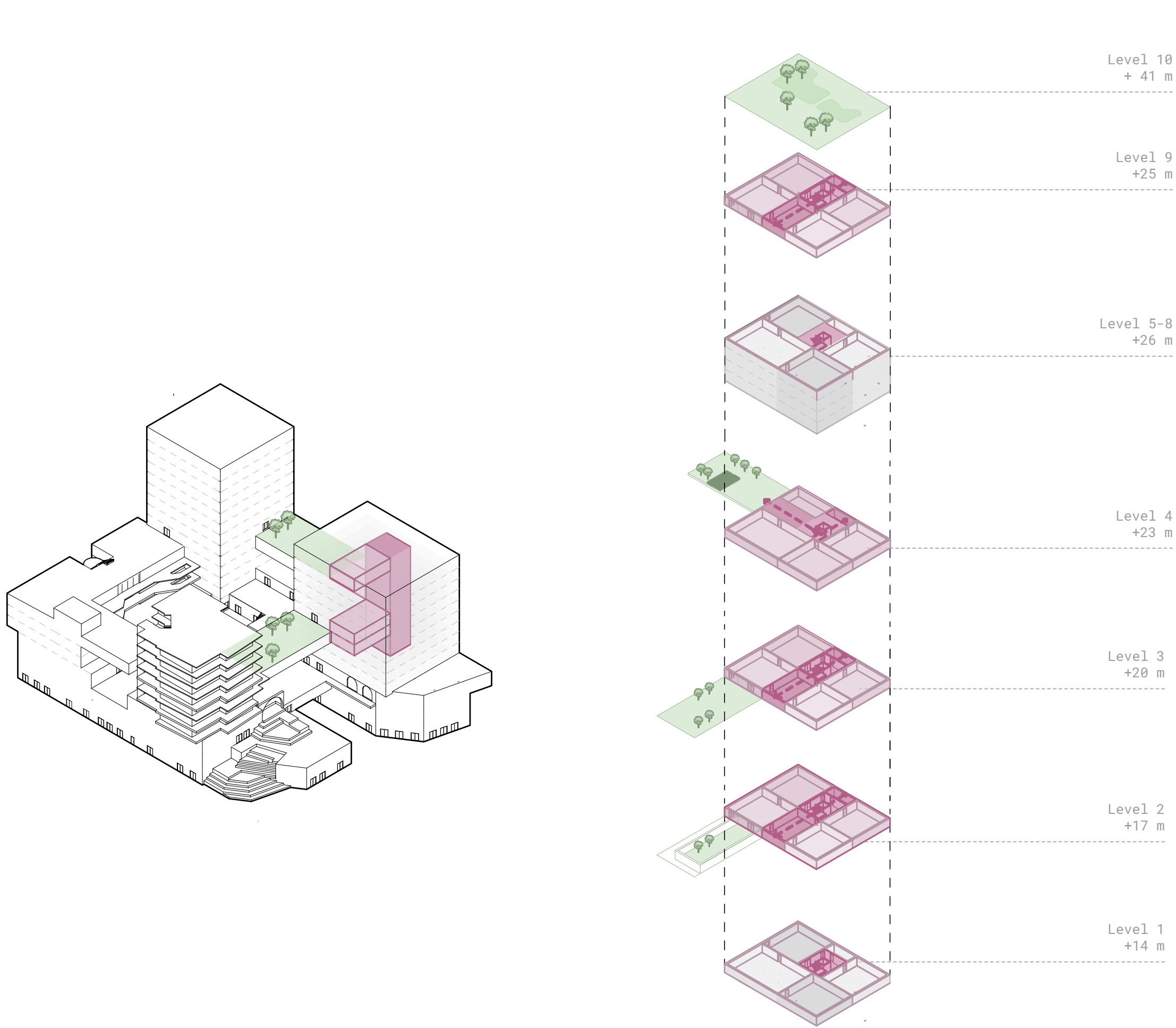
Urban Kitchen



Urban Farming / Garden
Collective Kitchen / Laundry

Collective Kitchen principles

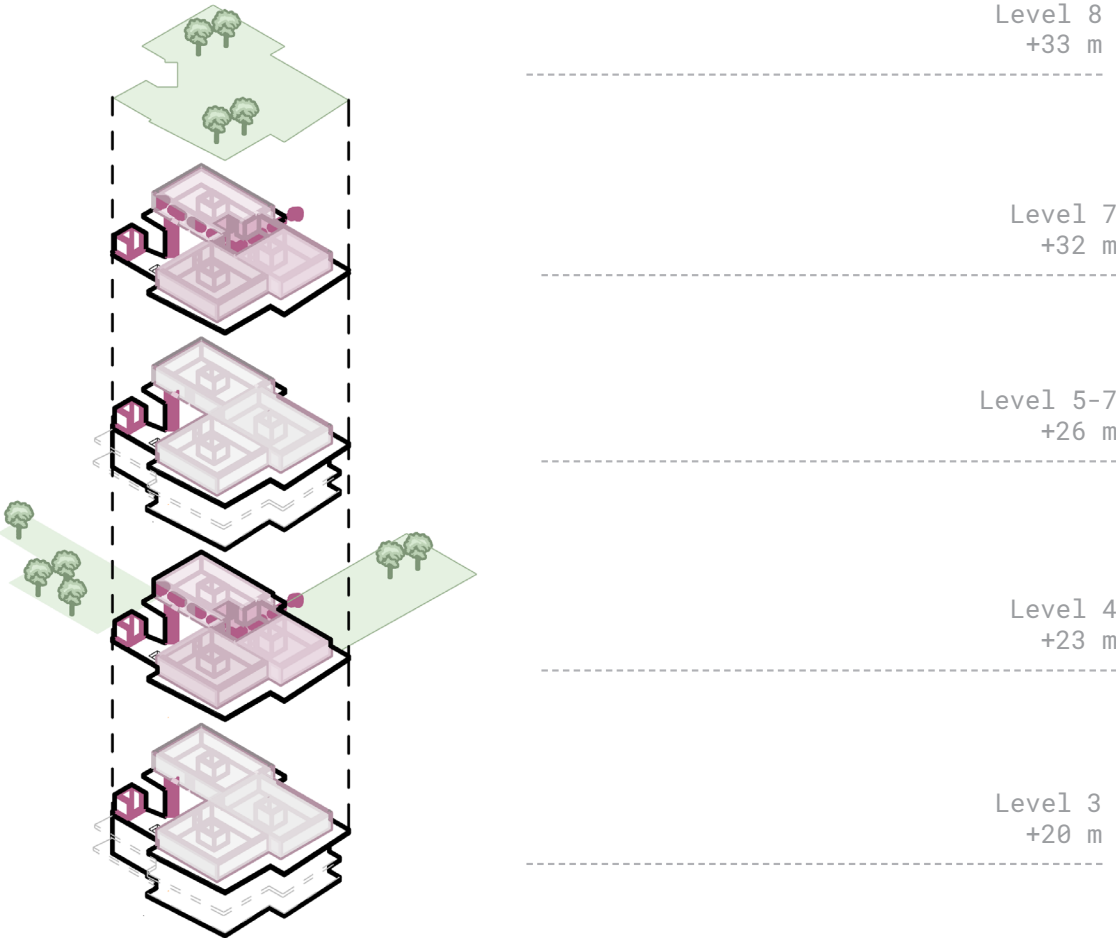
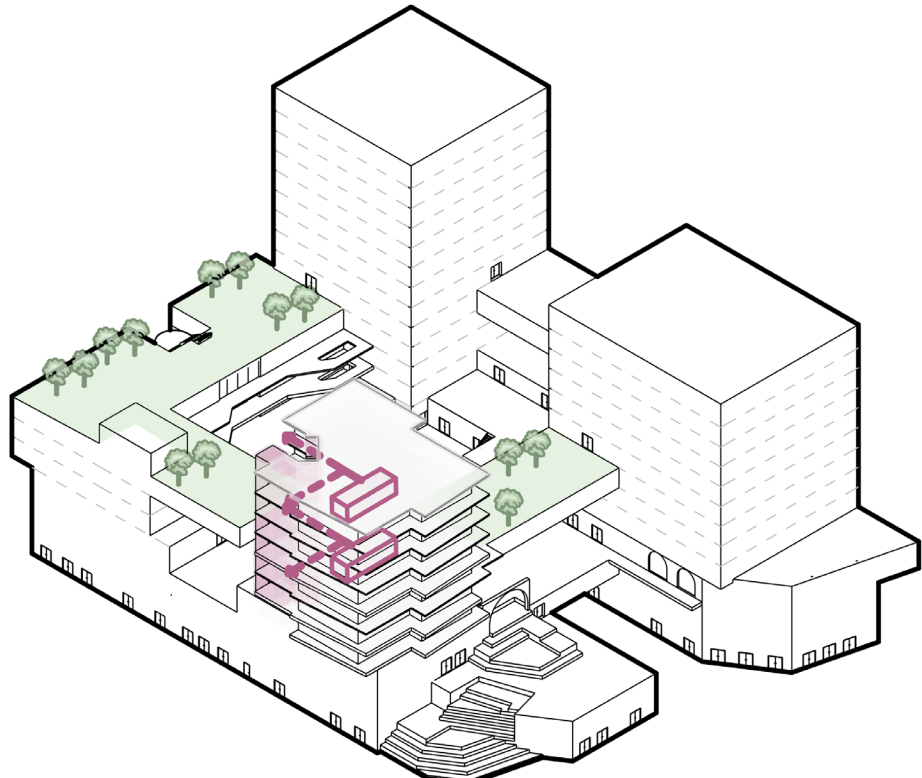
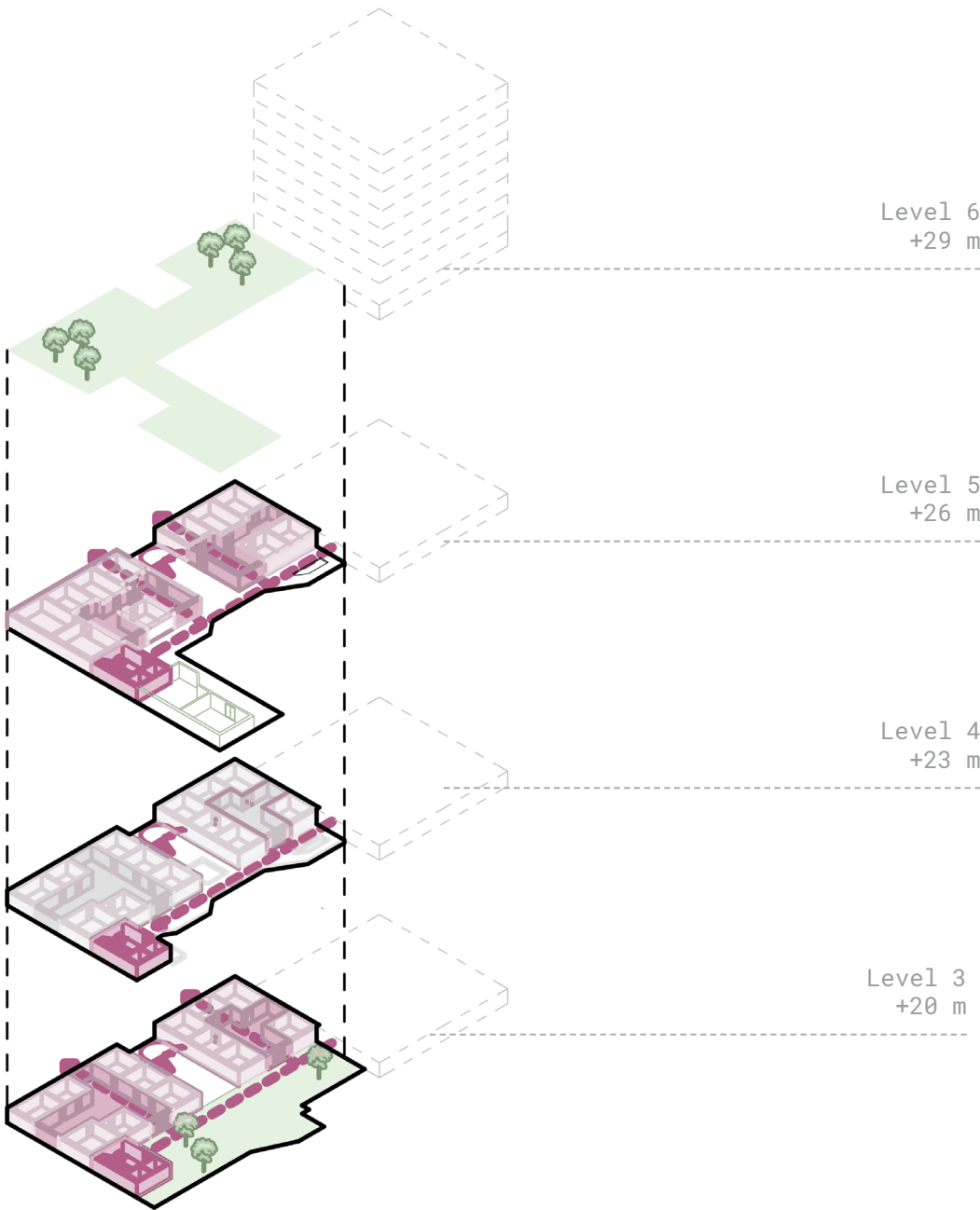
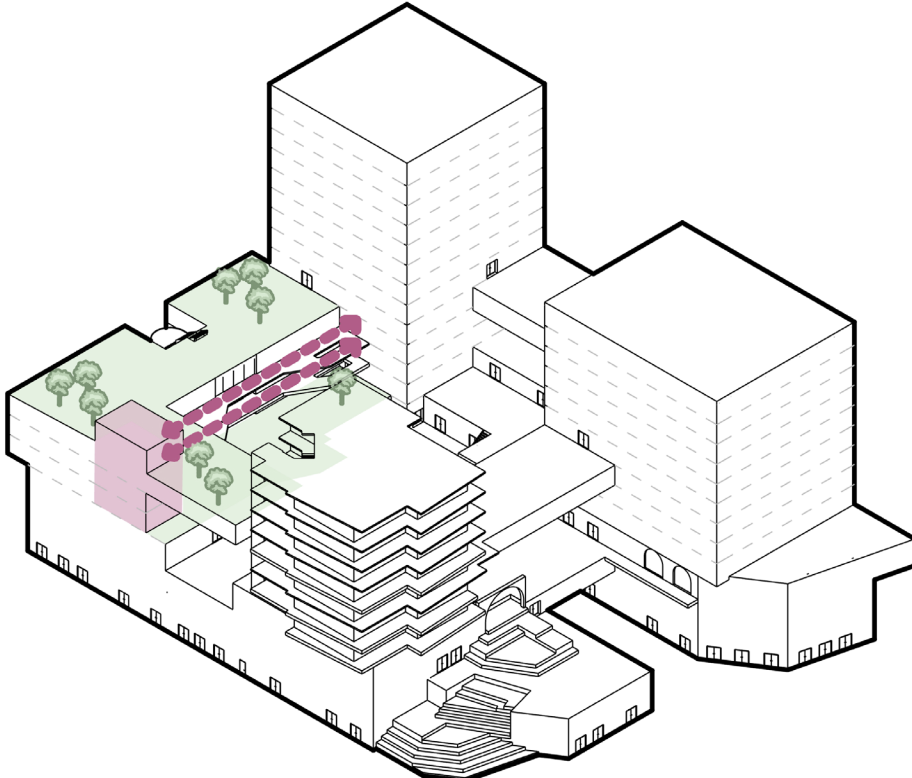
Core A and B



- Urban Farming / Garden
- Core
- Collective Kitchen / Laundry
- Dwelling unit

Collective Kitchen principles

Core C and Core D

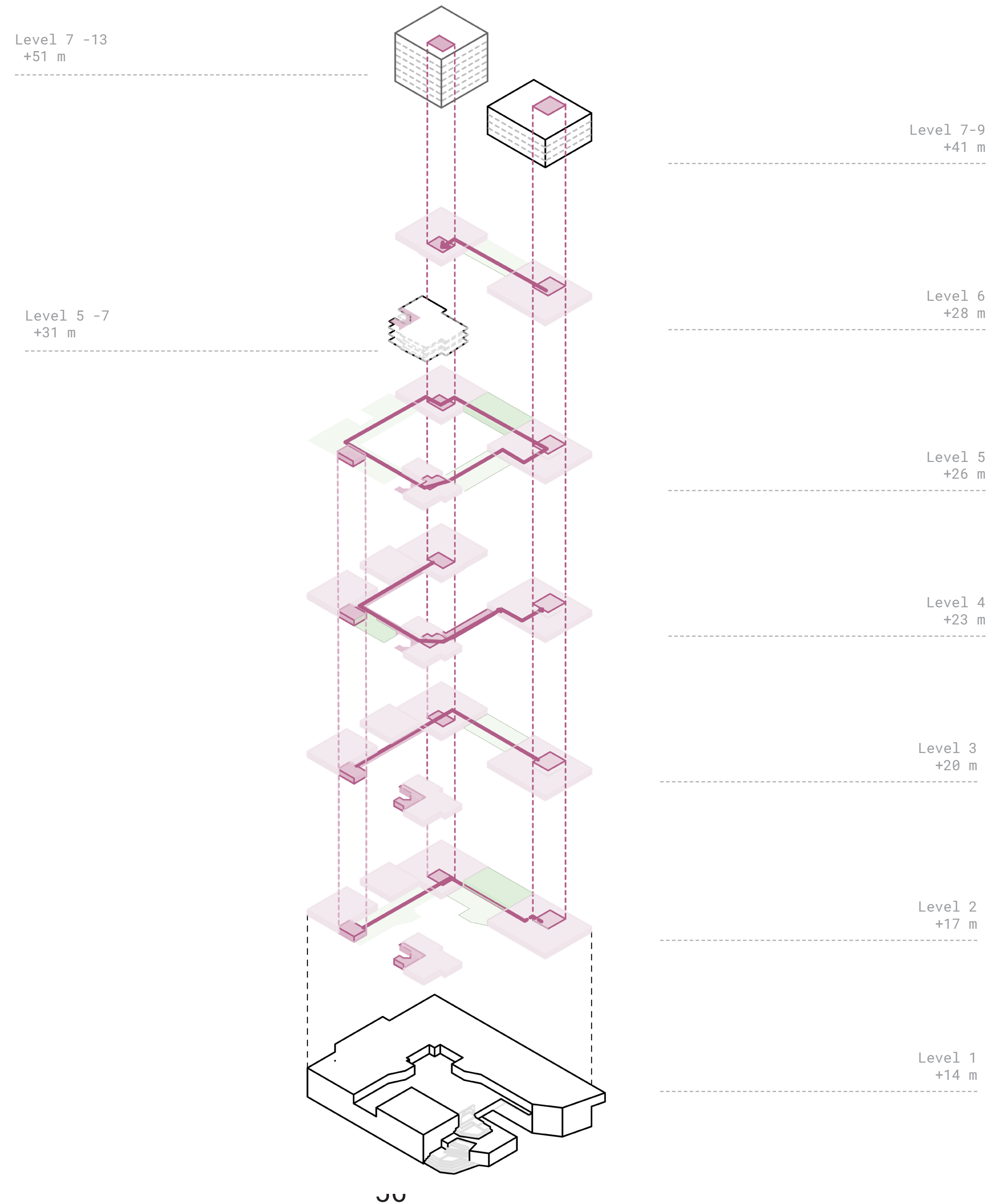


- Urban Farming / Garden
- Core
- Collective Kitchen / Laundry
- Dwelling unit

Circulation

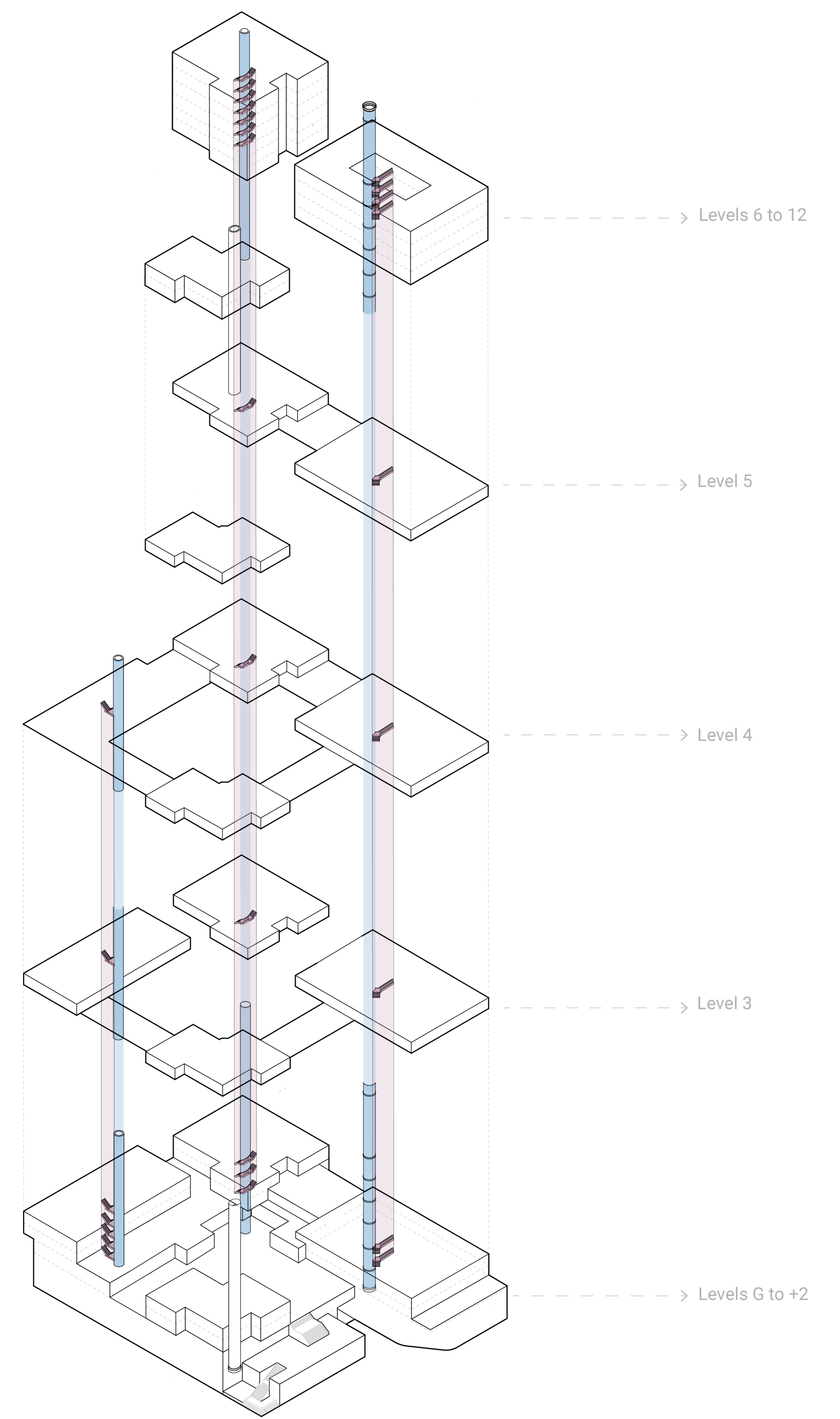
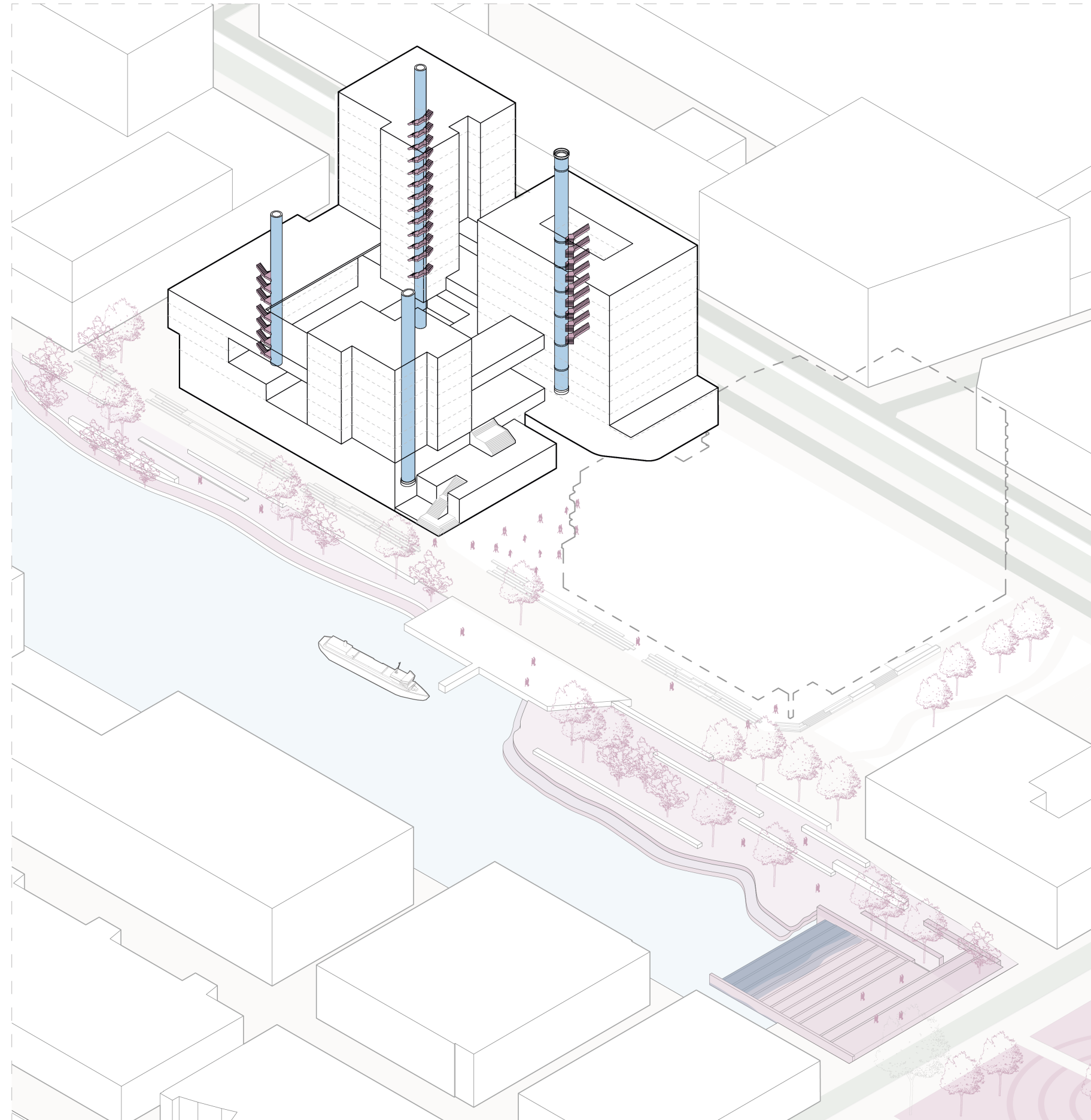
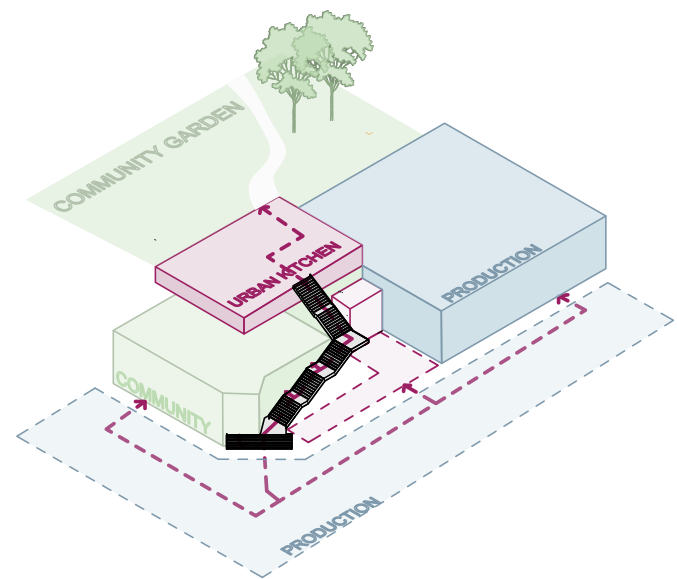
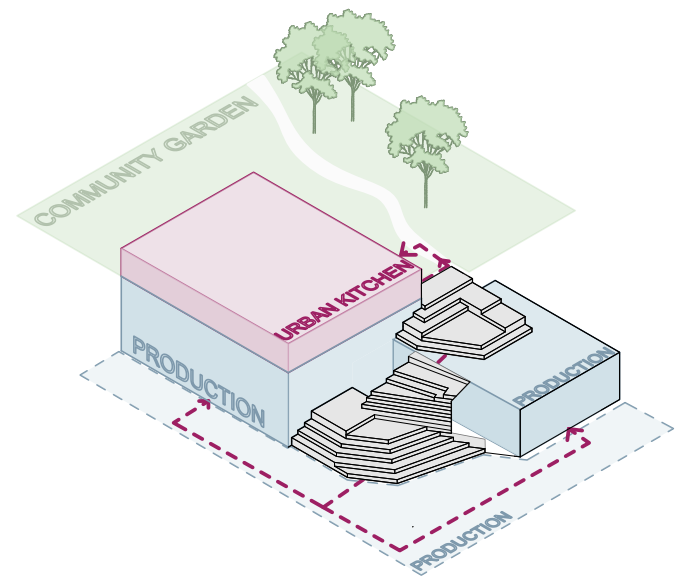
Collective spaces connected

- Urban Farming / Garden
- Core
- Collective Kitchen / Laundry
- Dwelling unit

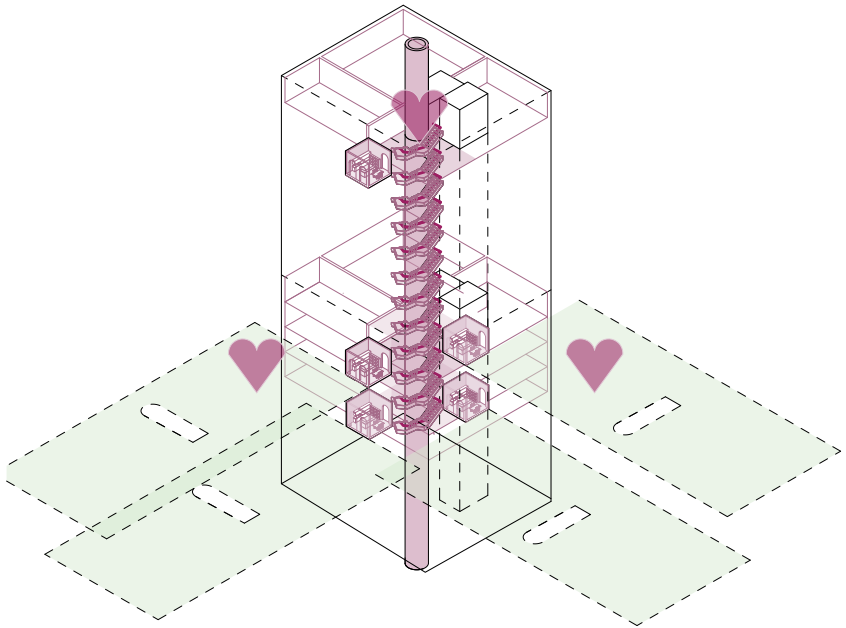
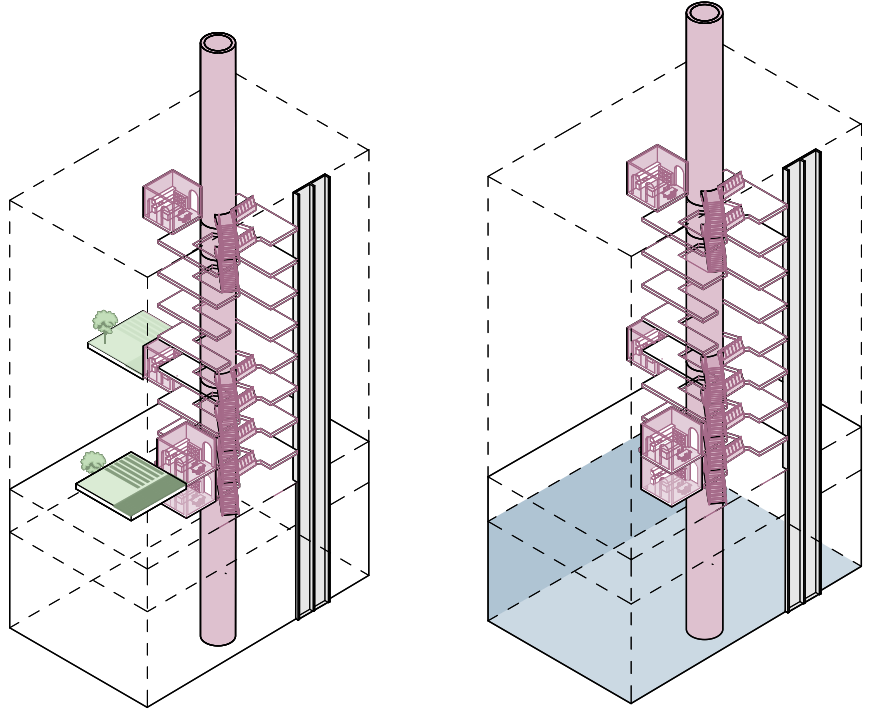
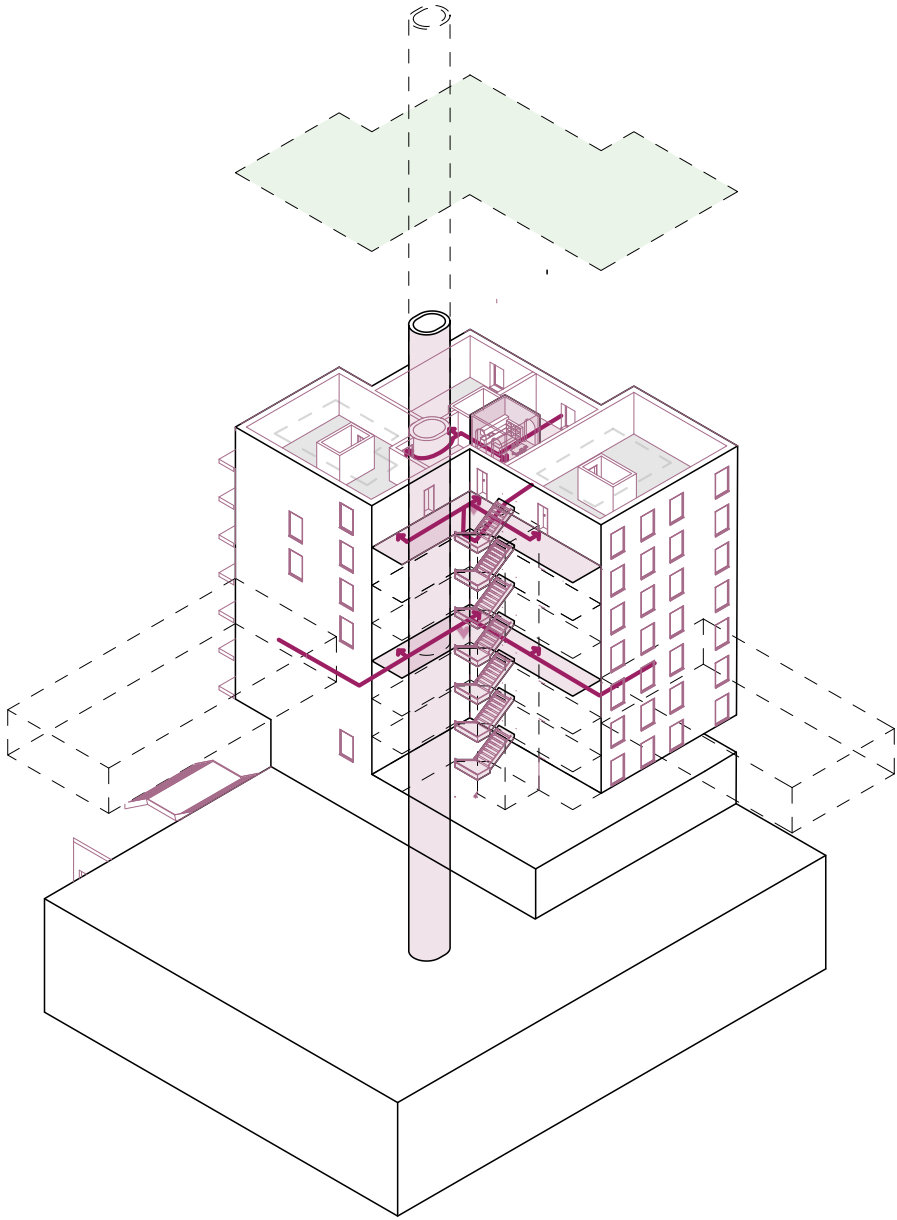
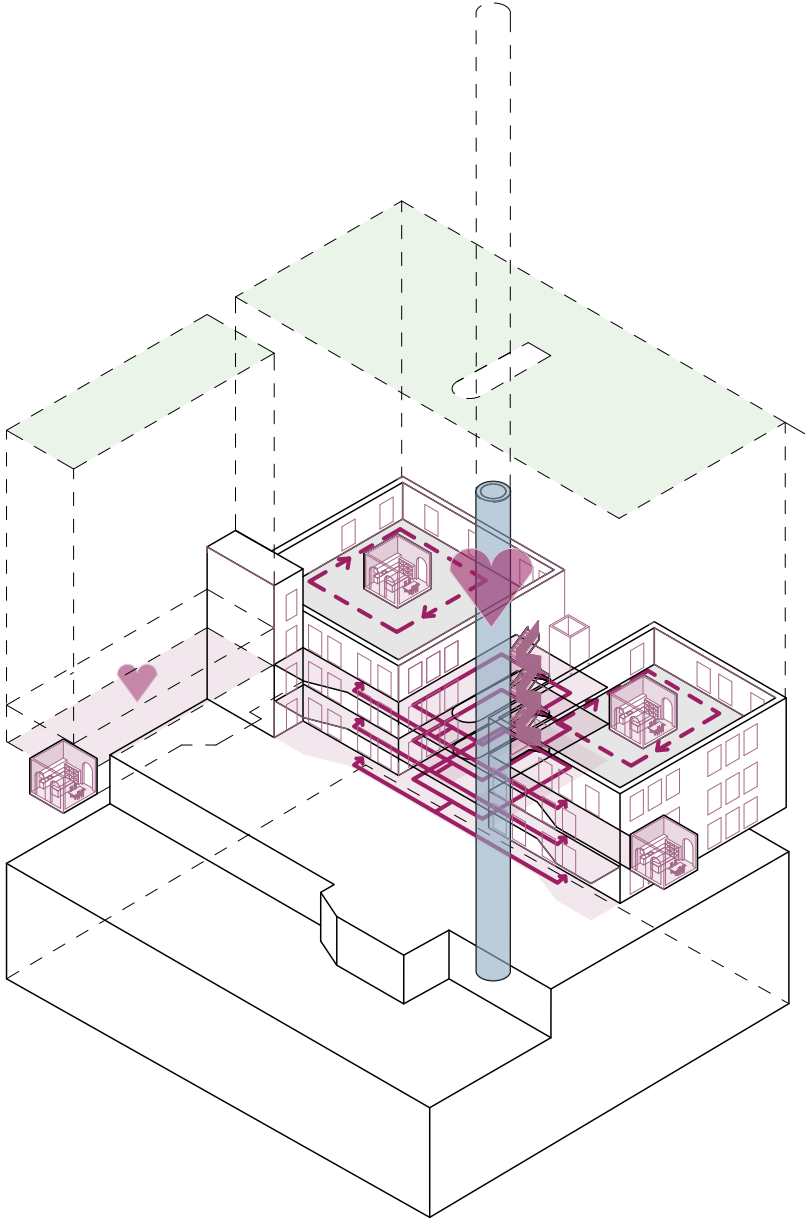
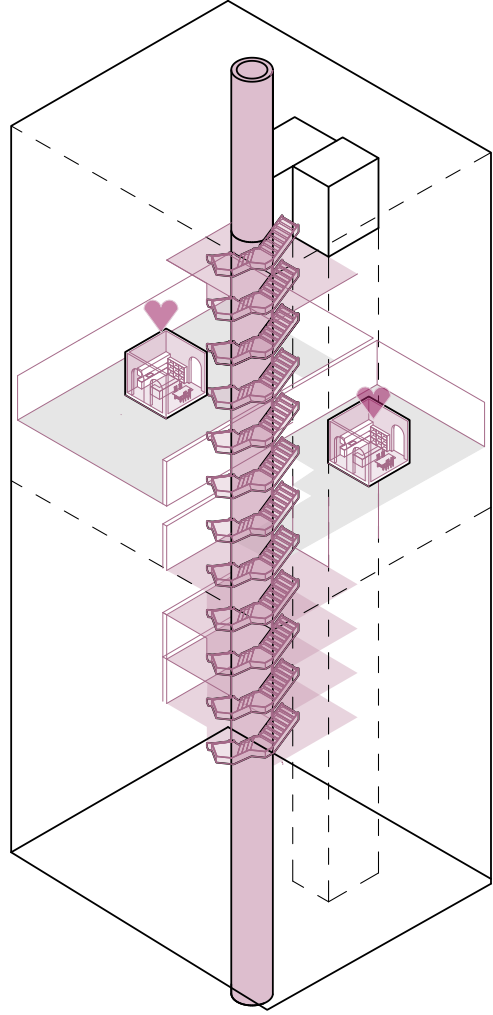
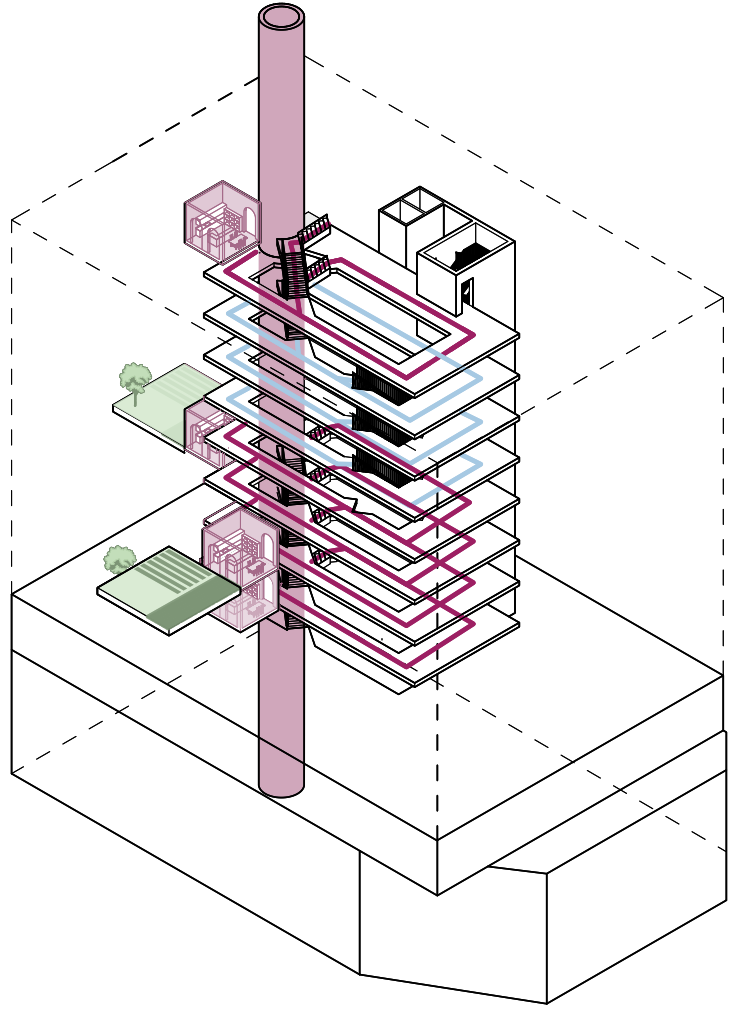


Physical Connections

Energy



Heat exchange: Social systems



Option 1 -Integrated in the Atrium Circulation System

Option 2 -Wrapping the circulation system around the chimney

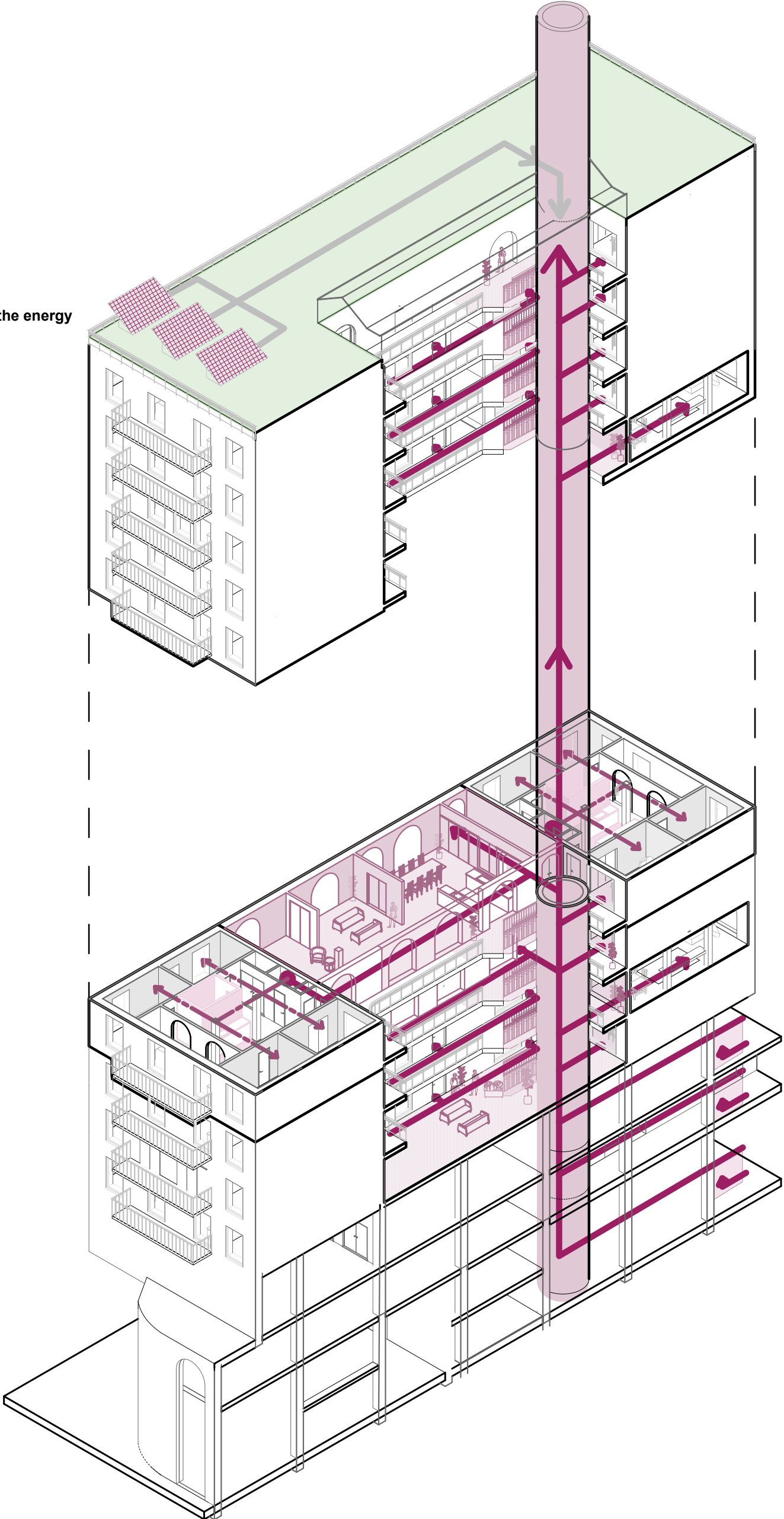
Option 3 -Part of the Gallery System

Option 4 - Integrated in the Dwelling and Collective Kitchen

- Collective Urban space
- Fixed Productive Spaces
- Collective Social

Heat exchange

Step 4 : Solar pannels
suplementing some of the energy



Step 3: Energy Distribution to
dwellings

Step 2: Using the ventilation
chimney to conduct energy in the
dwelling area

The chimney is split in two chambers
one for partial ventilatinon of teh
industry, one for conducting the
harvested energy

Step 1: Heat harvesting and
conversion to energy

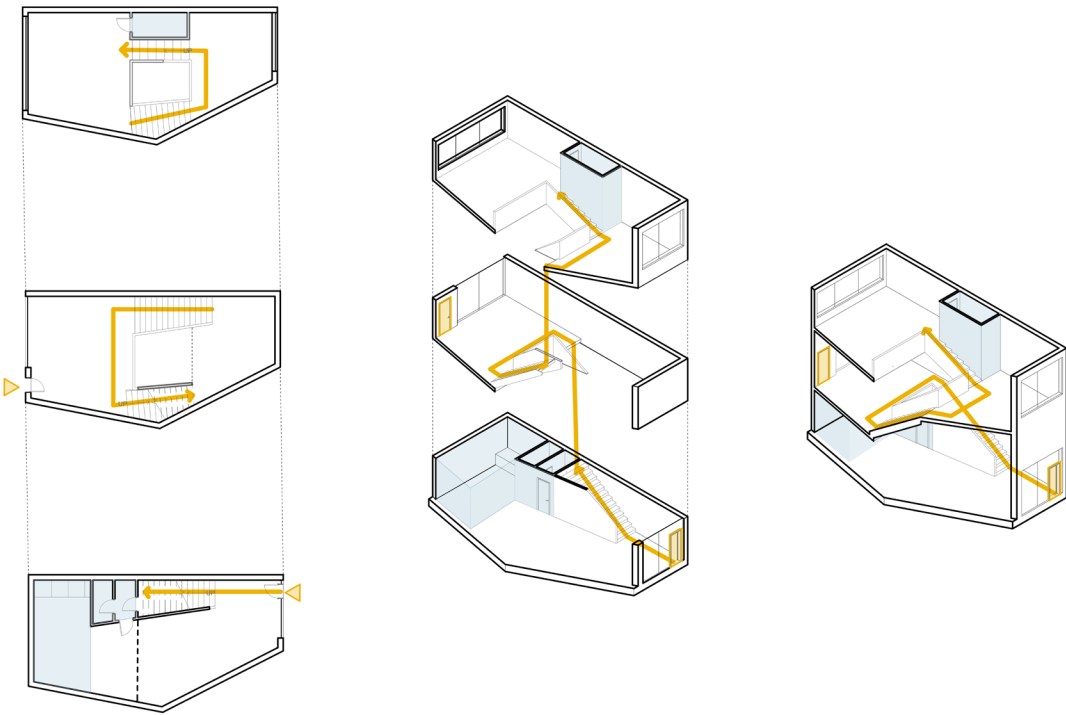
Residual Heat is harvested from the
production lines and transformed into
energy on the line level

V
DWELLING

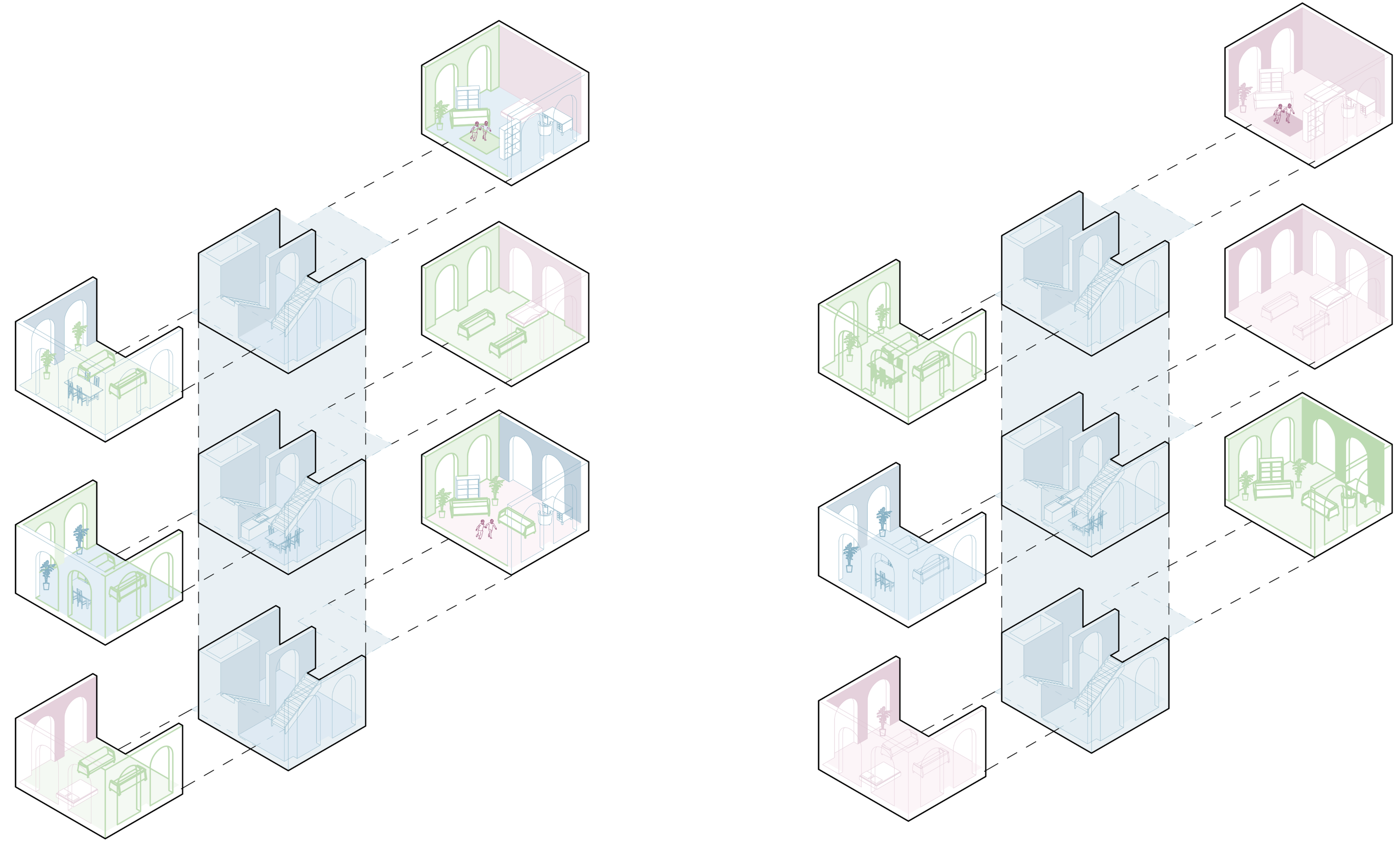
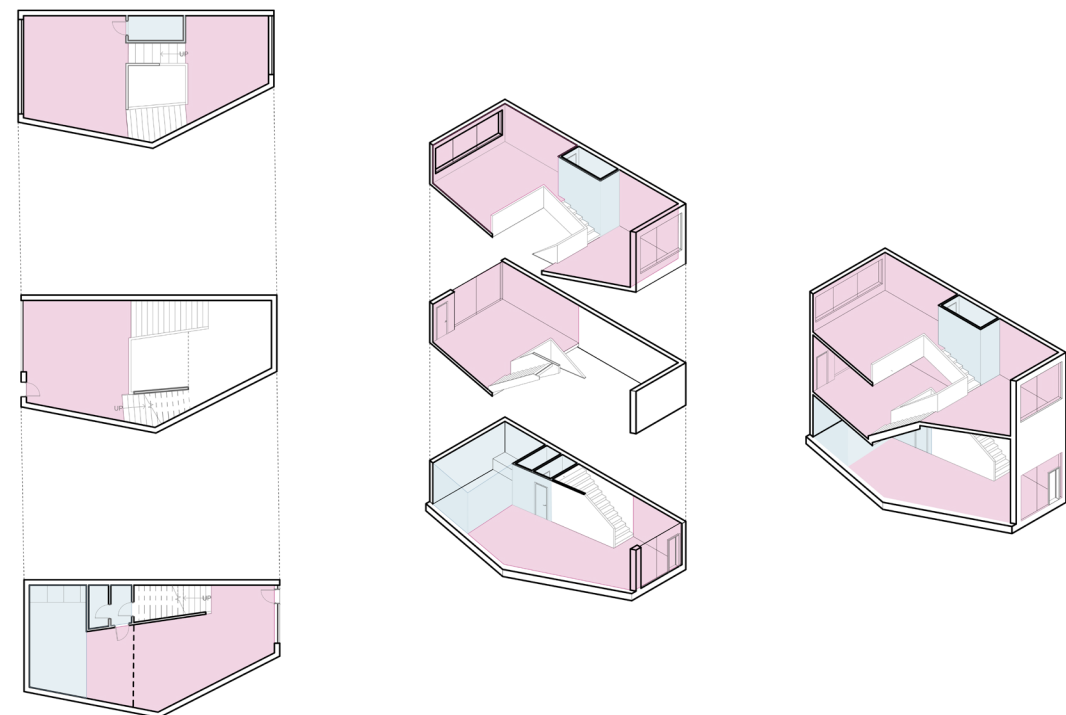
APARTMENT PRINCIPLES

Miss Sargfabrik - Vienna

Circulation Diagram



Flexible/ Fixed areas



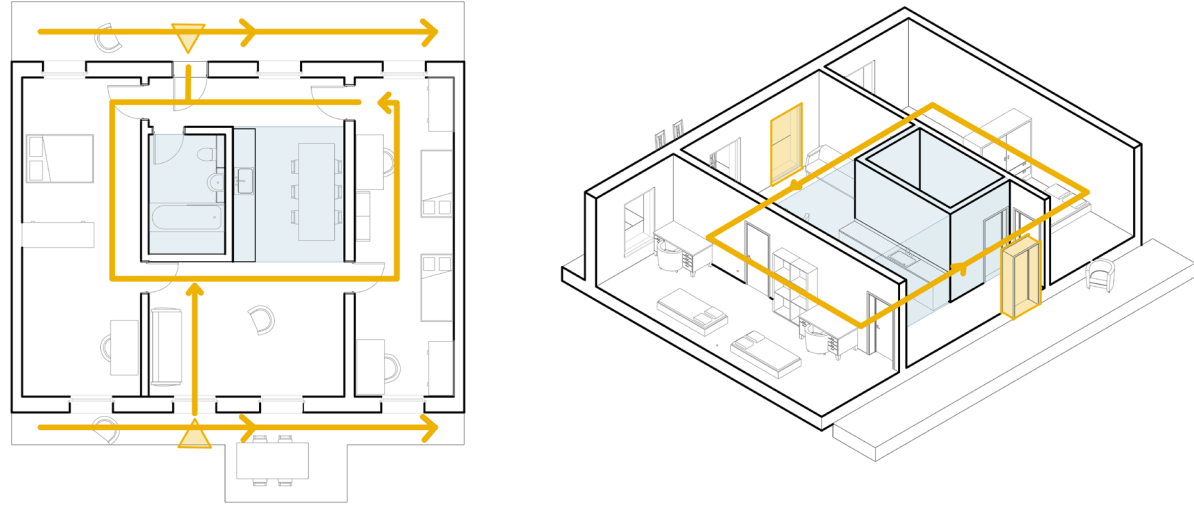
- Collective / Social areas
- Fixed Productive Spaces
- Private areas

- Flexible
- Fixed

APARTMENT PRINCIPLES

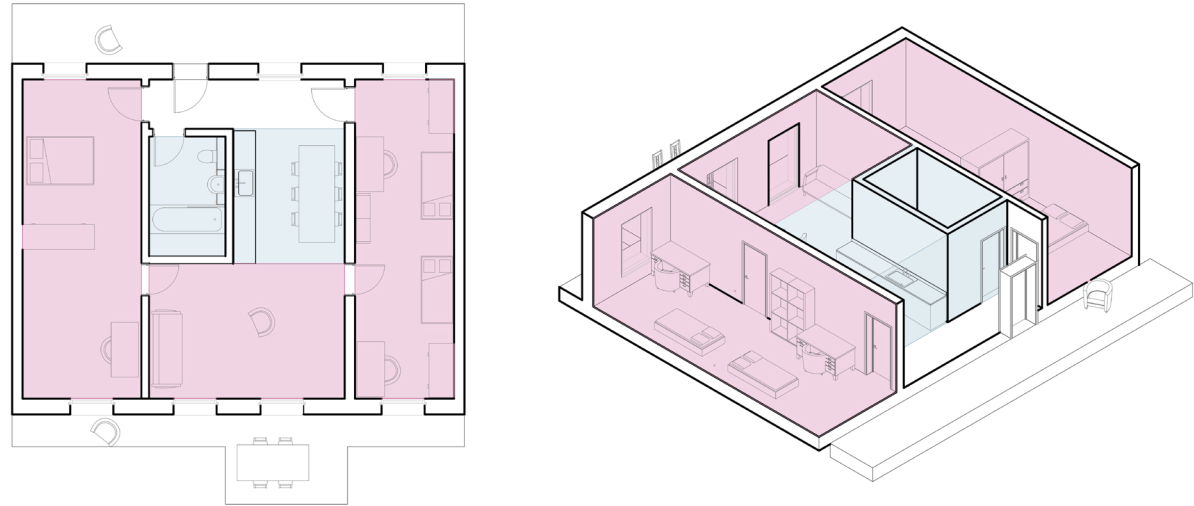
Study case Zwiky-Sud - Zurich

Circulation Diagram

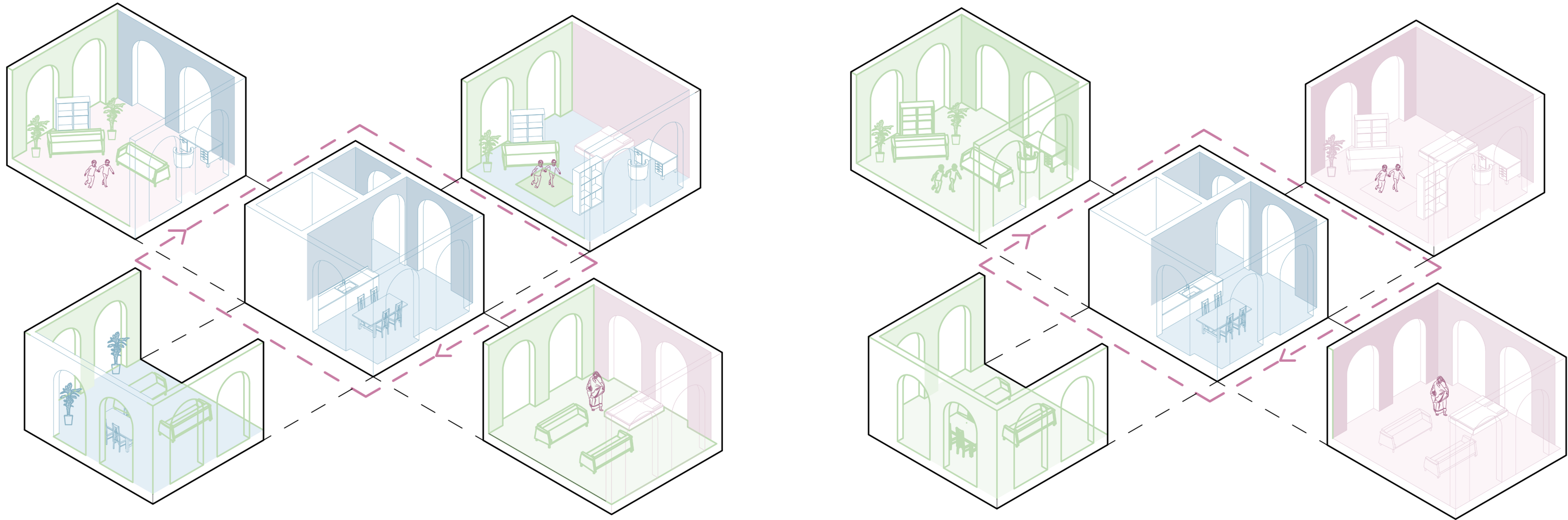


➤ Circulation
■ Fixed

Flexible/ Fixed areas



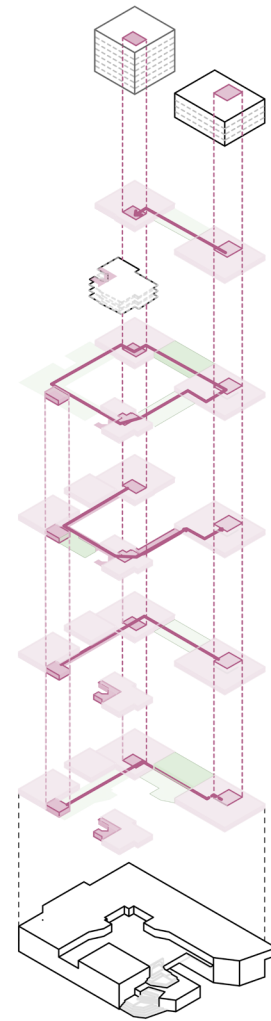
■ Flexible
■ Fixed



■ Collective / Social areas
■ Fixed Productive Spaces
■ Private areas

VI
ARCHITECTURE

Overall Plans



■ Circulation
■ Residential

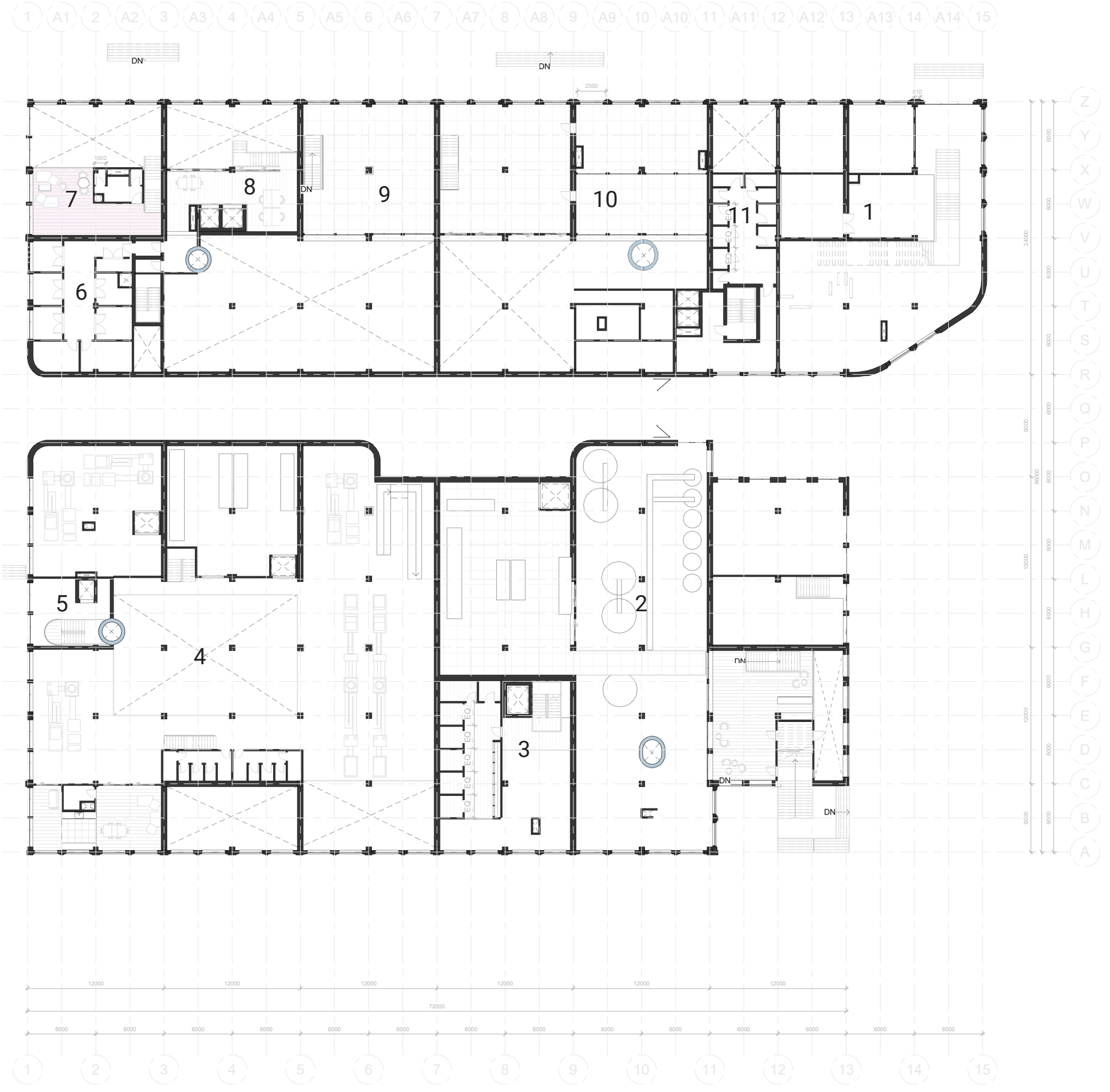


Ground Floor

+1m

Key:

- | | | |
|------------------------------|------------------------|------------------------|
| 1. Theatre and main entrance | 7. Baking industry | 13. 3D Printing |
| 2. Retail | 8. Residential Core D | 14. Glass Blowing |
| 3. Retail | 9. Refuse | 15. Residential Core A |
| 4. Brewery +bar | 10. Refuse | |
| 5. Residential Core D | 11. Restaurant | |
| 6. Cafe | 12. Residential Core B | |

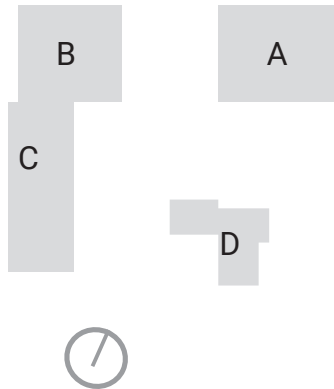


Mezzanine

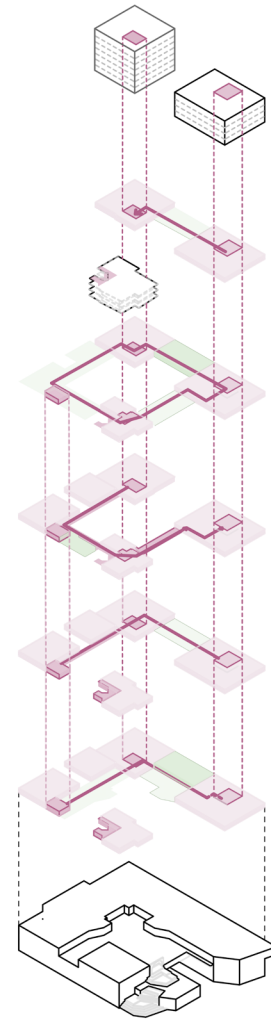
+4m

Key:

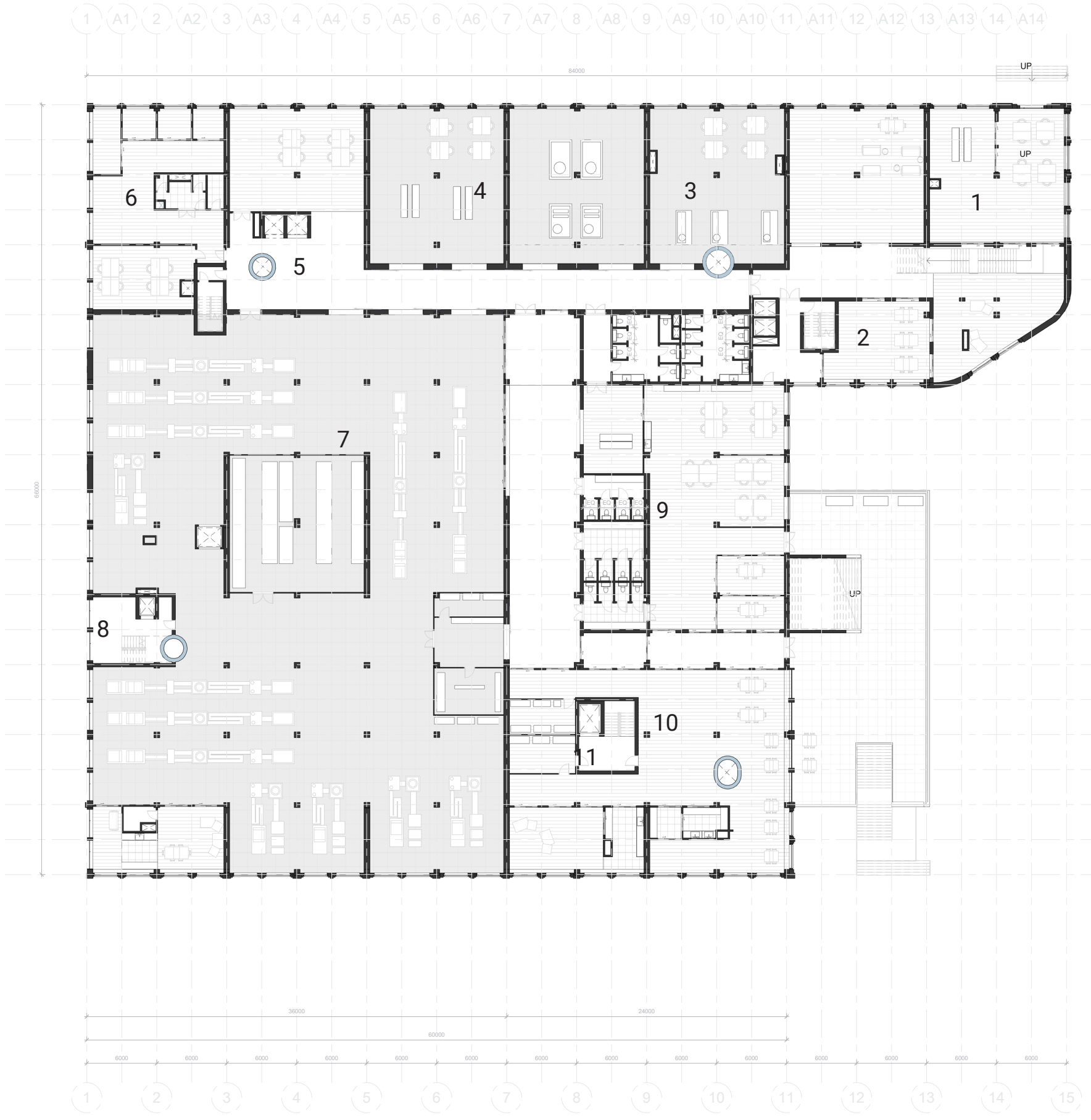
- | | |
|-----------------------|-------------------------------------|
| 1. Theatre | 7. Restaurant |
| 2. Brewery | 8. Residential Core B +admin office |
| 3. Residential Core D | 9. 3D Print Industry |
| 4. Baking Industry | 10. Glass Blowing |
| 5. Residential Core C | 11. Residential Core A |
| 6. Storage | |



Overall Plans



■ Circulation
■ Residential



Podium 1

+7m

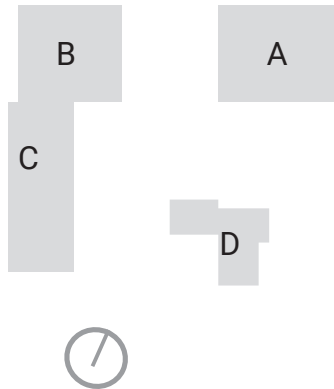
- Key:
- | | |
|------------------------------|------------------------------|
| 1. Theatre and main entrance | 7. Baking industry |
| 2. Core A | 8. Residential Core C |
| 3. Atelier :Glass blowing | 9. Offices Co-working spaces |
| 4. Atelier | 10. Workers cafeteria |
| 5. Core B | 11. Residential Core D |
| 6. Wellness centre | |



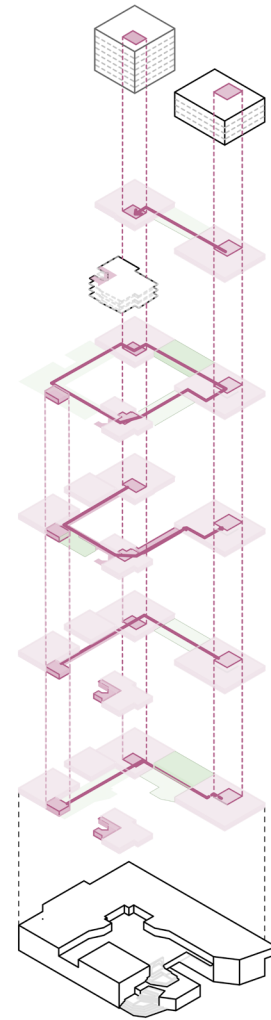
Podium 2

+11m

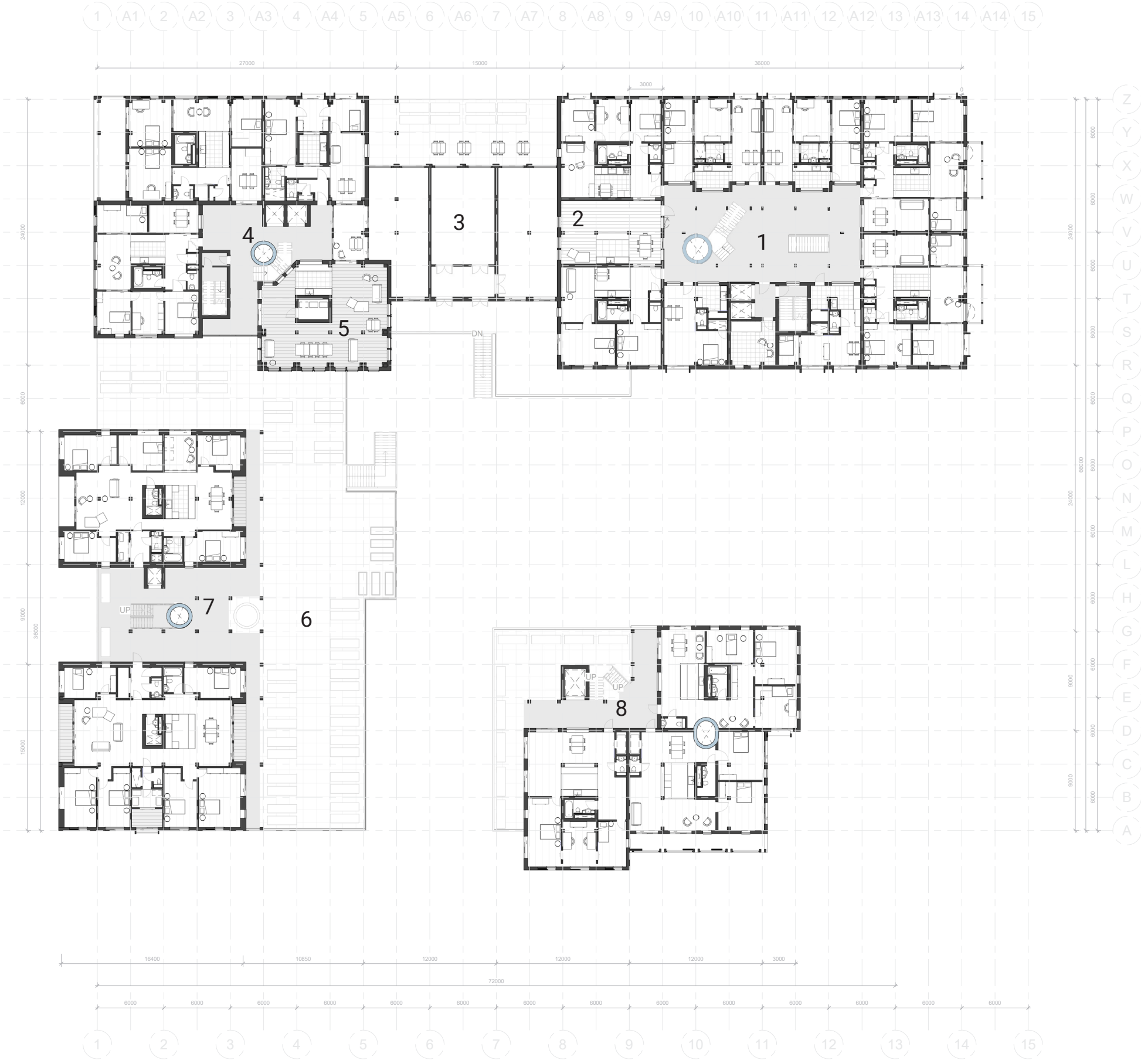
- Key:
- | | | |
|-----------------------|------------------------|------------------------|
| 1. Theatre | 7. Residential Core B | 13. Gym |
| 2. Residential Core D | 8. Wellness Centre | 14. Childcare |
| 3. Atelier | 9. Atelier | 15. Residential Core D |
| 4. Atelier | 10. Atelier | 16. Green public area |
| 5. Atelier | 11. Atelier | |
| 6. Youth care | 12. Residential Core C | |



Overall Plans

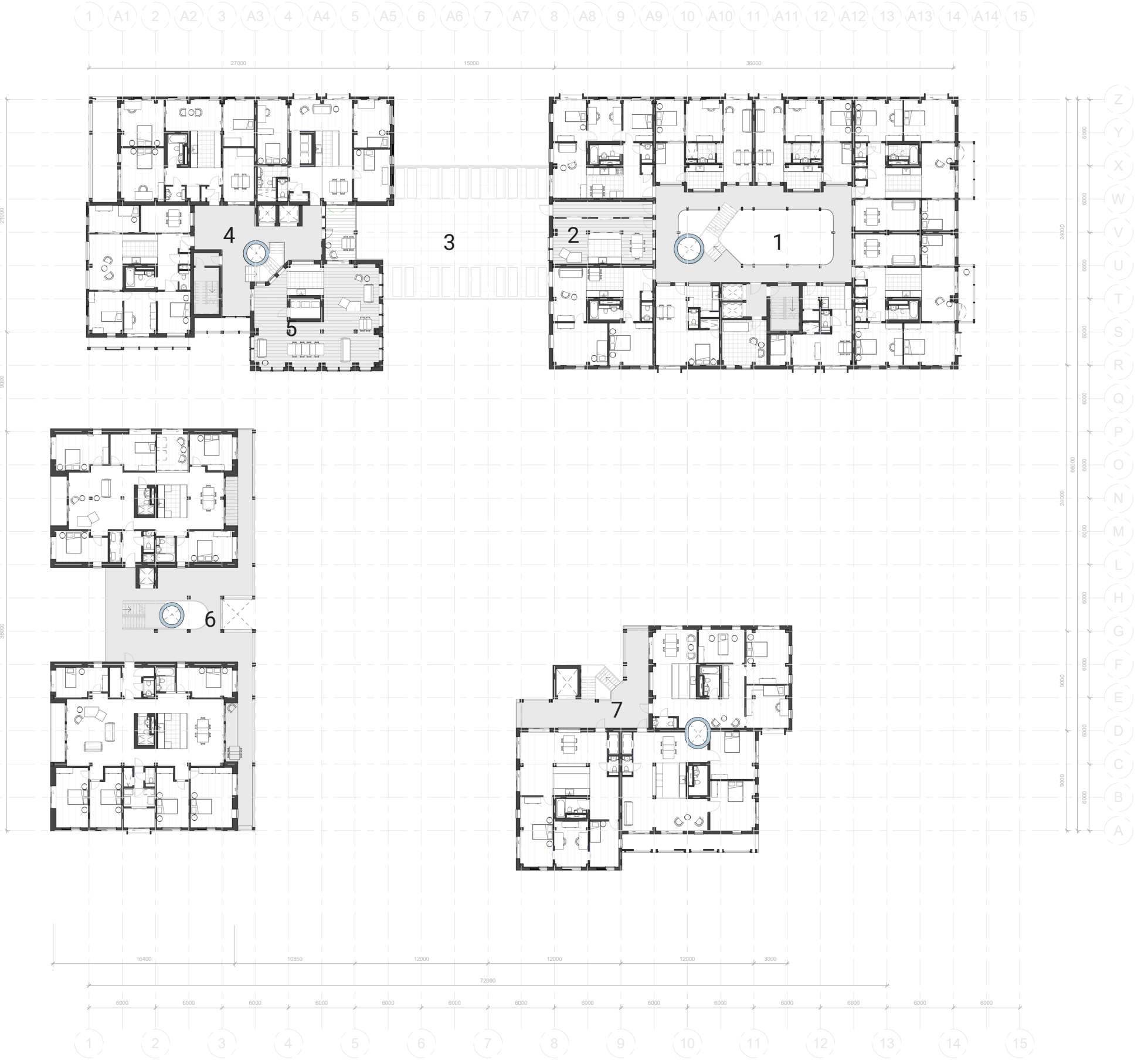


■ Circulation
■ Residential



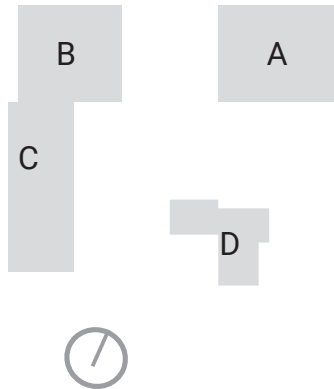
Level 1

- Key:
- 1. Core A : Atrium
 - 2. Collective kitchen A
 - 3. Dance studios
 - 4. Collective kitchen B
 - 5. Residential Core B
 - 6. Urban farming terrace C
 - 7. Residential Core C
 - 8. Residential Core D

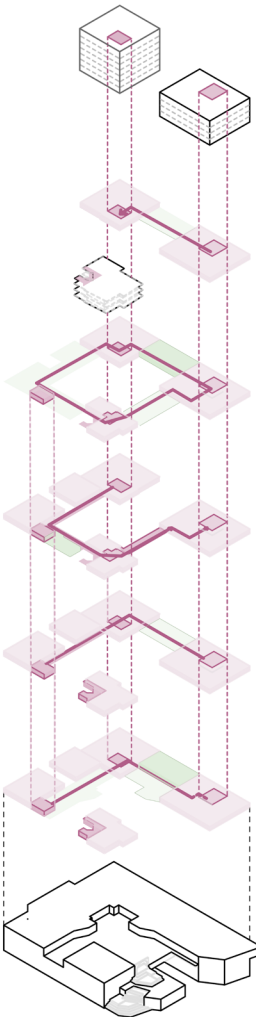


Level 2

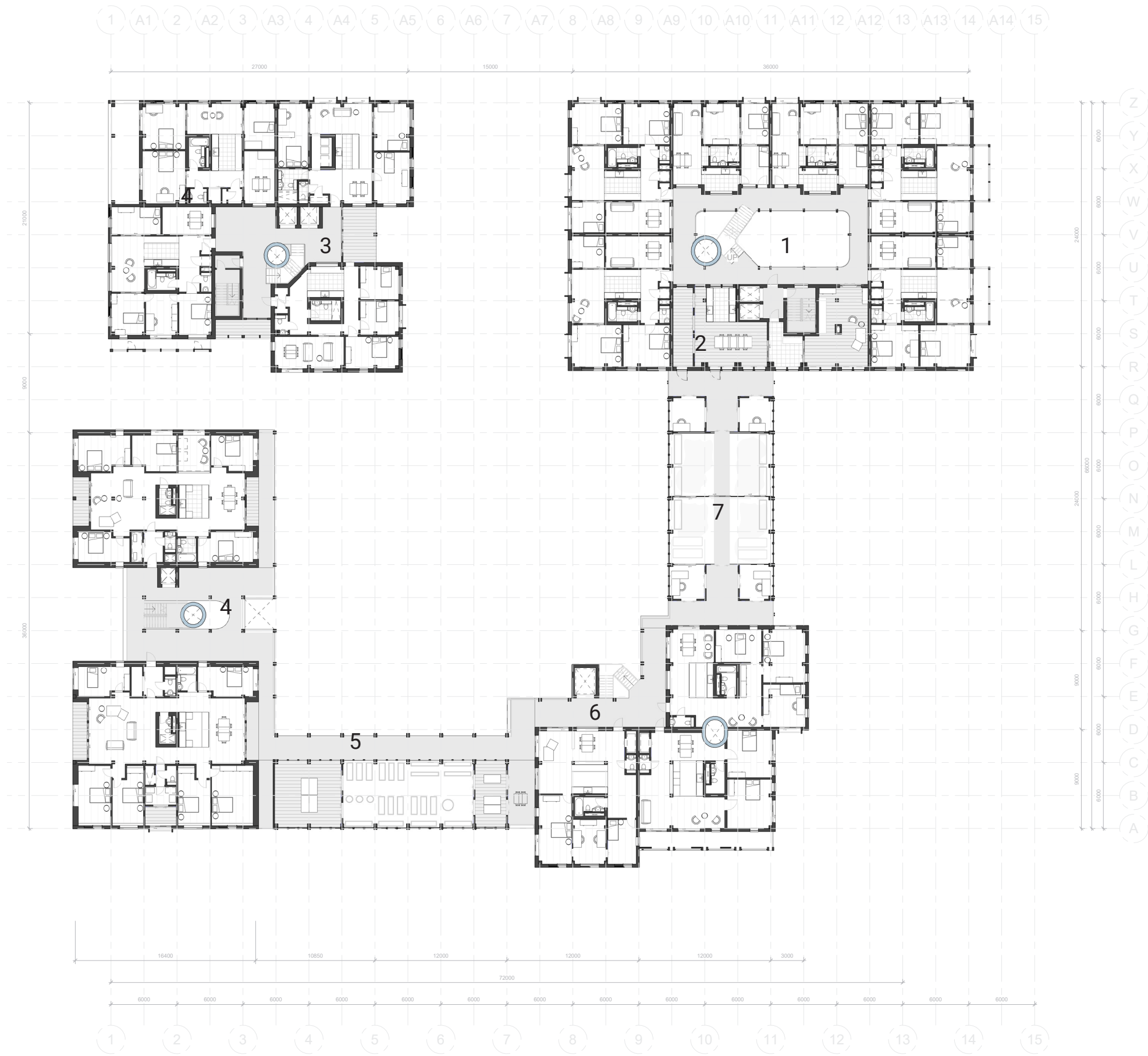
- Key:
- 1. Core A : Atrium
 - 2. Collective kitchen A
 - 3. Urban farming terrace AB
 - 4. Collective kitchen B
 - 5. Residential Core B
 - 6. Residential Core C
 - 7. Residential Core D



Overall Plans

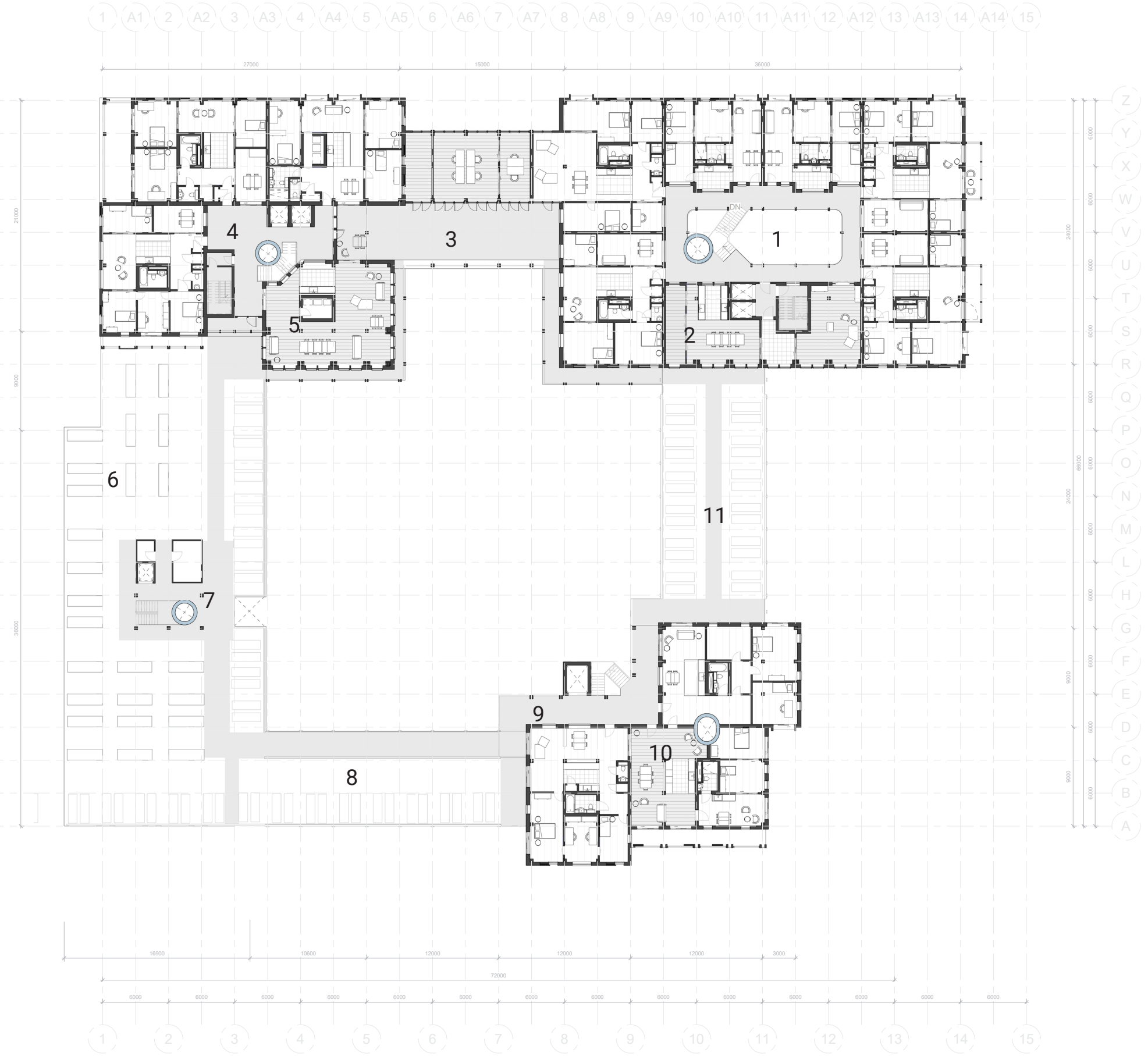


■ Circulation
■ Residential



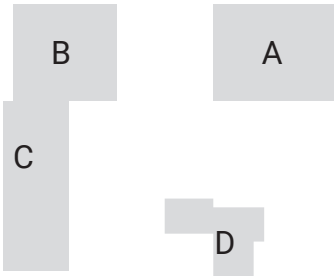
Level 3

- Key:
- 1. Core A : Atrium
 - 2. Collective kitchen A
 - 3. Residential Core B
 - 4. Residential Core C
 - 5. Aeroponics and co-working terrace CD
 - 6. Residential Core D
 - 7. Urban farming terrace DA

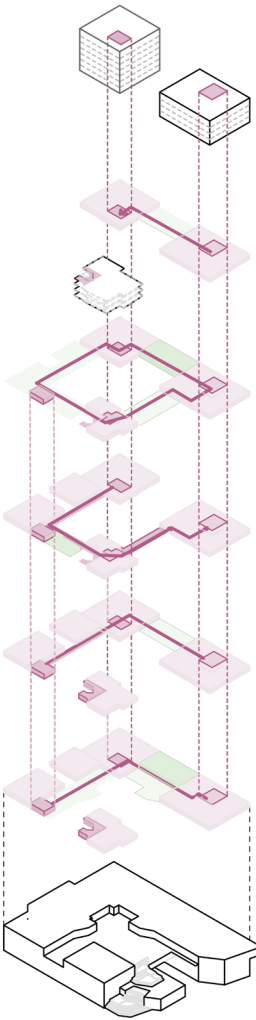


Level 4

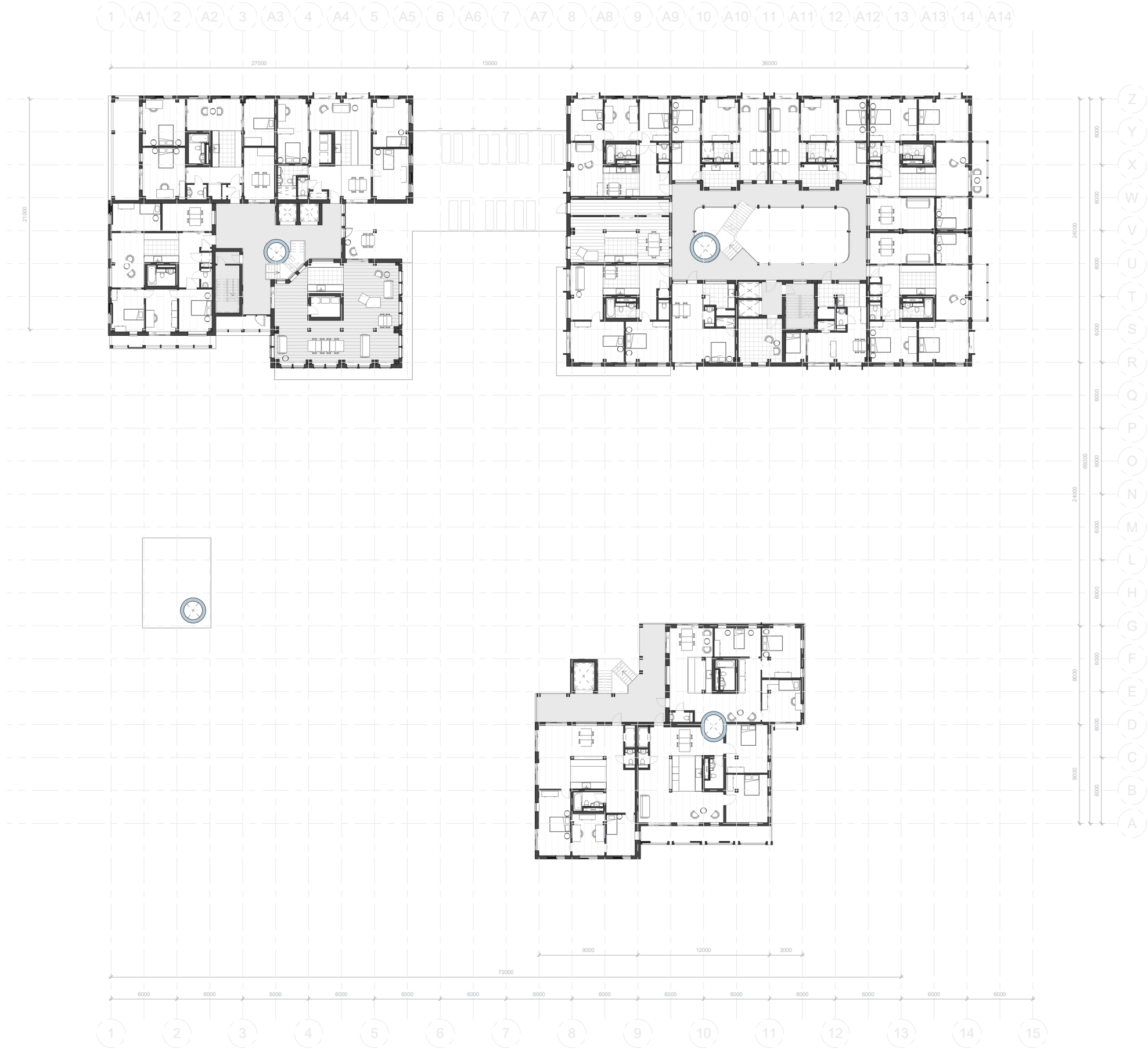
- Key:
- 1. Core A : Atrium
 - 2. Collective kitchen A
 - 3. Urban farming terrace AB
 - 4. Collective kitchen B
 - 5. Residential Core B
 - 6. Urban farming Terrace BC
 - 7. Residential Core C
 - 8. Urban Farming terrace BC
 - 9. Residential Core D
 - 10. Collective kitchen d
 - 11. Urban farming terrace DA



Overall Plans



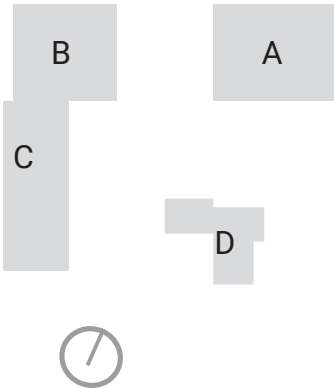
■ Circulation
■ Residential



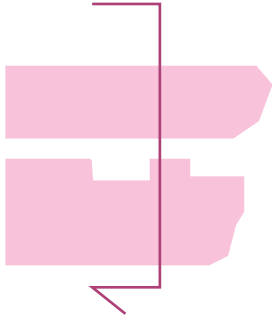
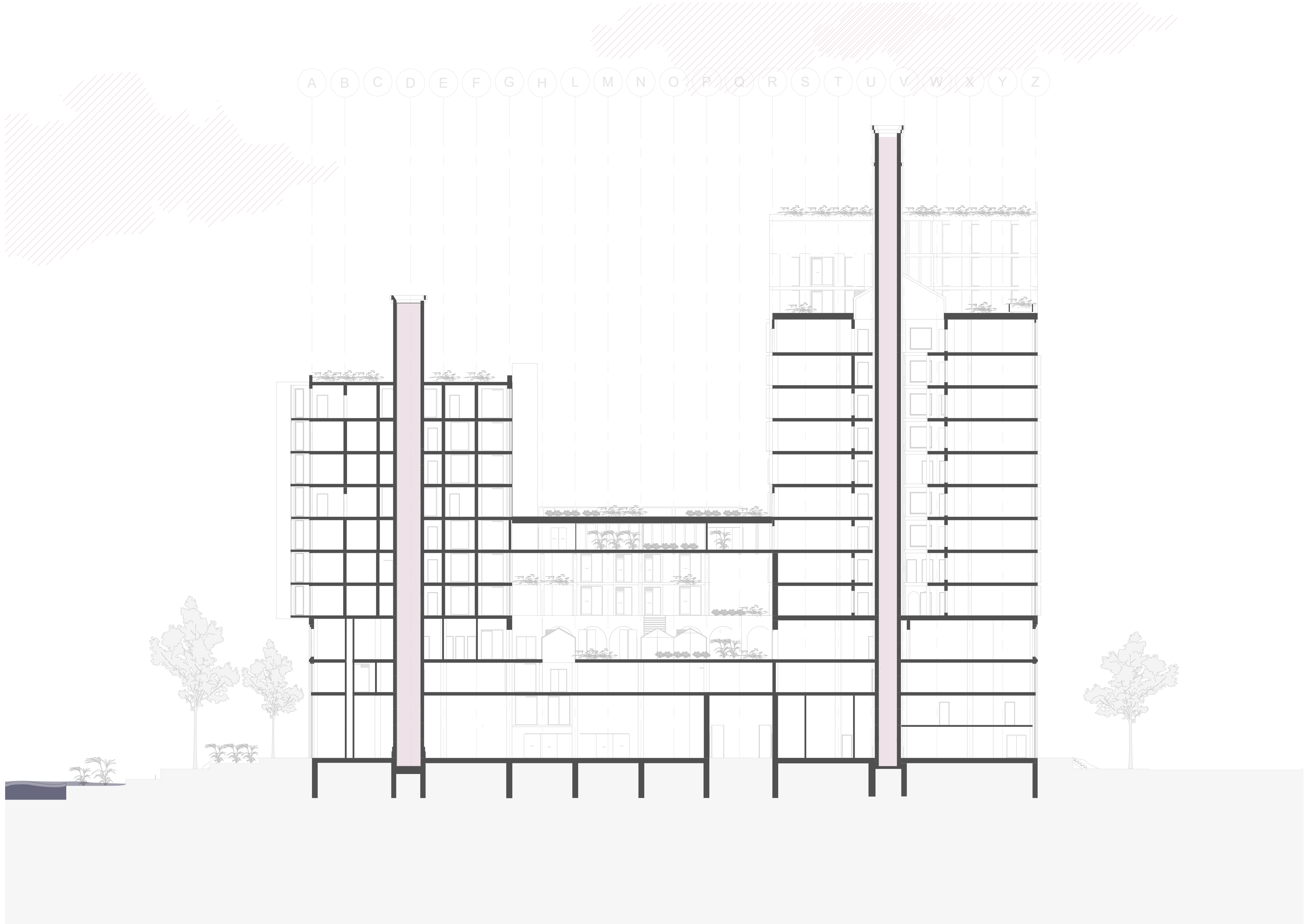
Level 5

+1m

- Key:
1. Core A: Atrium
 2. Collective kitchen
 3. Urban Farming Terrace AB
 4. Collective kitchen
 5. Core B
 6. Core D



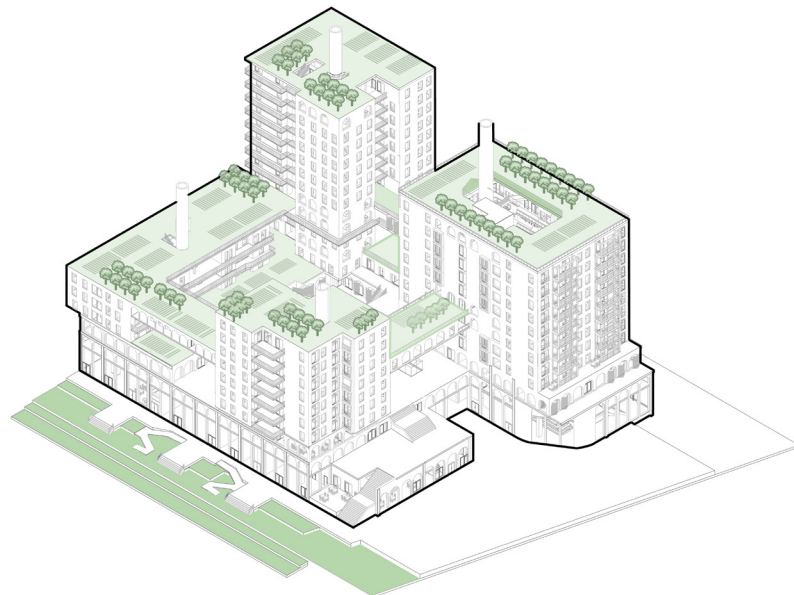
CROSS SECTION



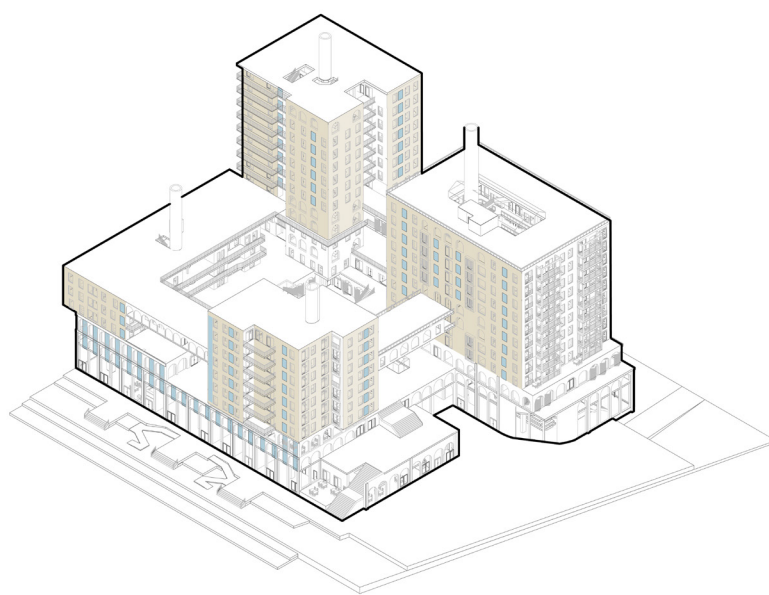
Building Climate



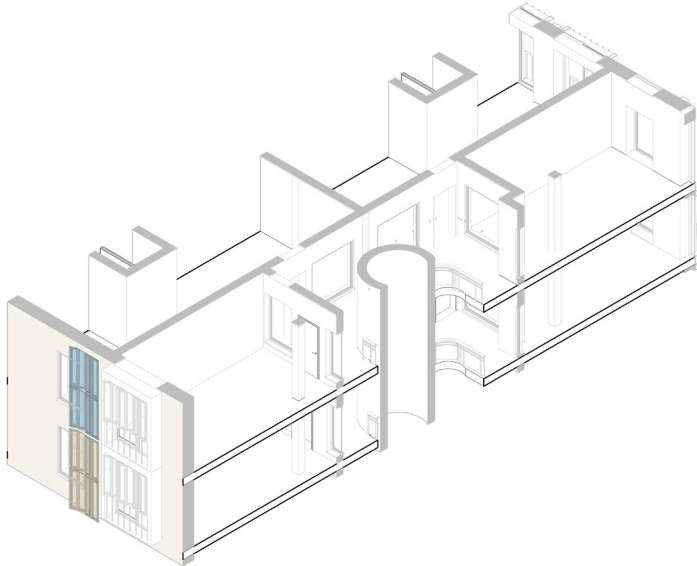
Extension of the tidal park for biodiversity



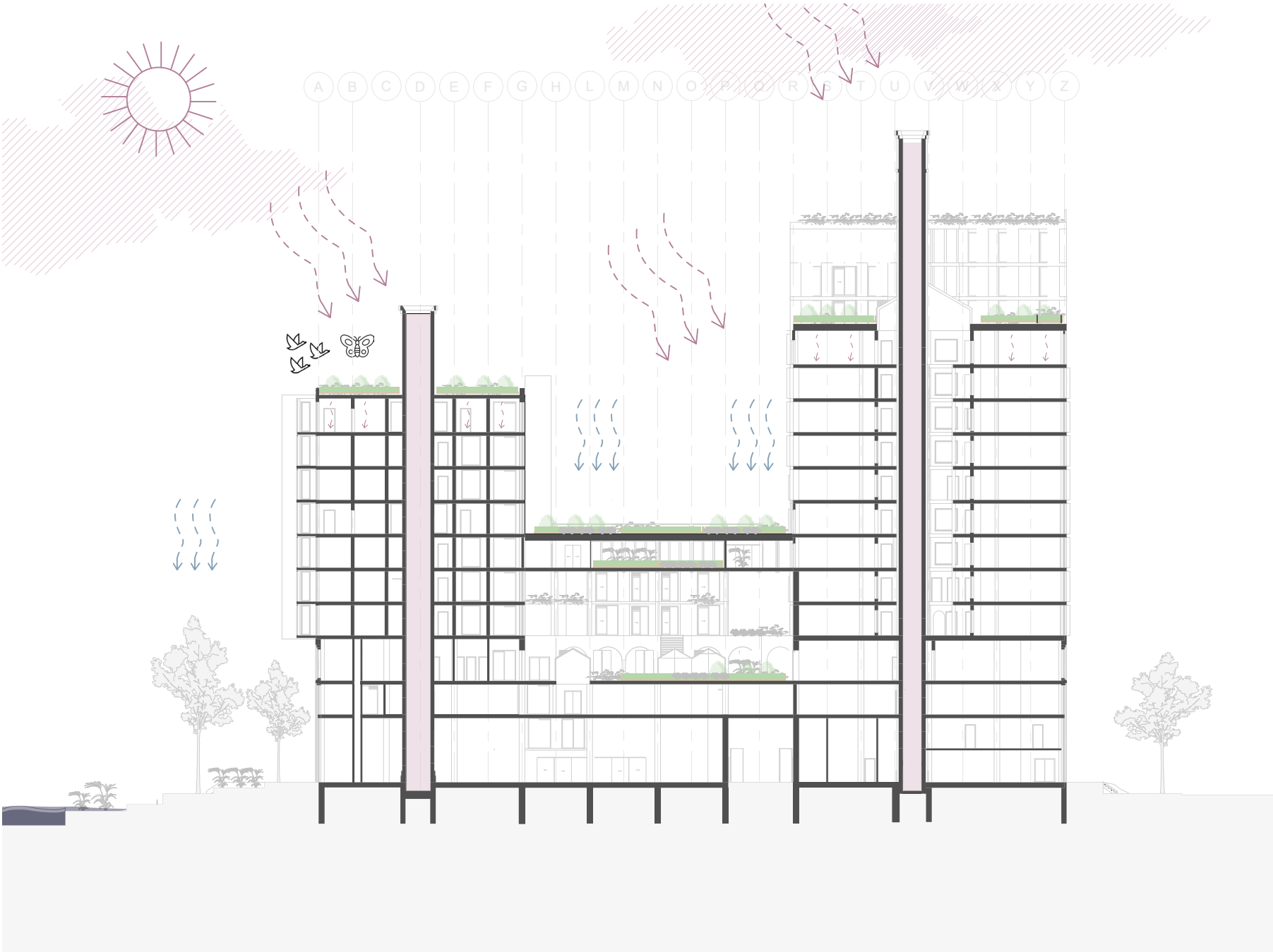
Extension of the tidal park for biodiversity



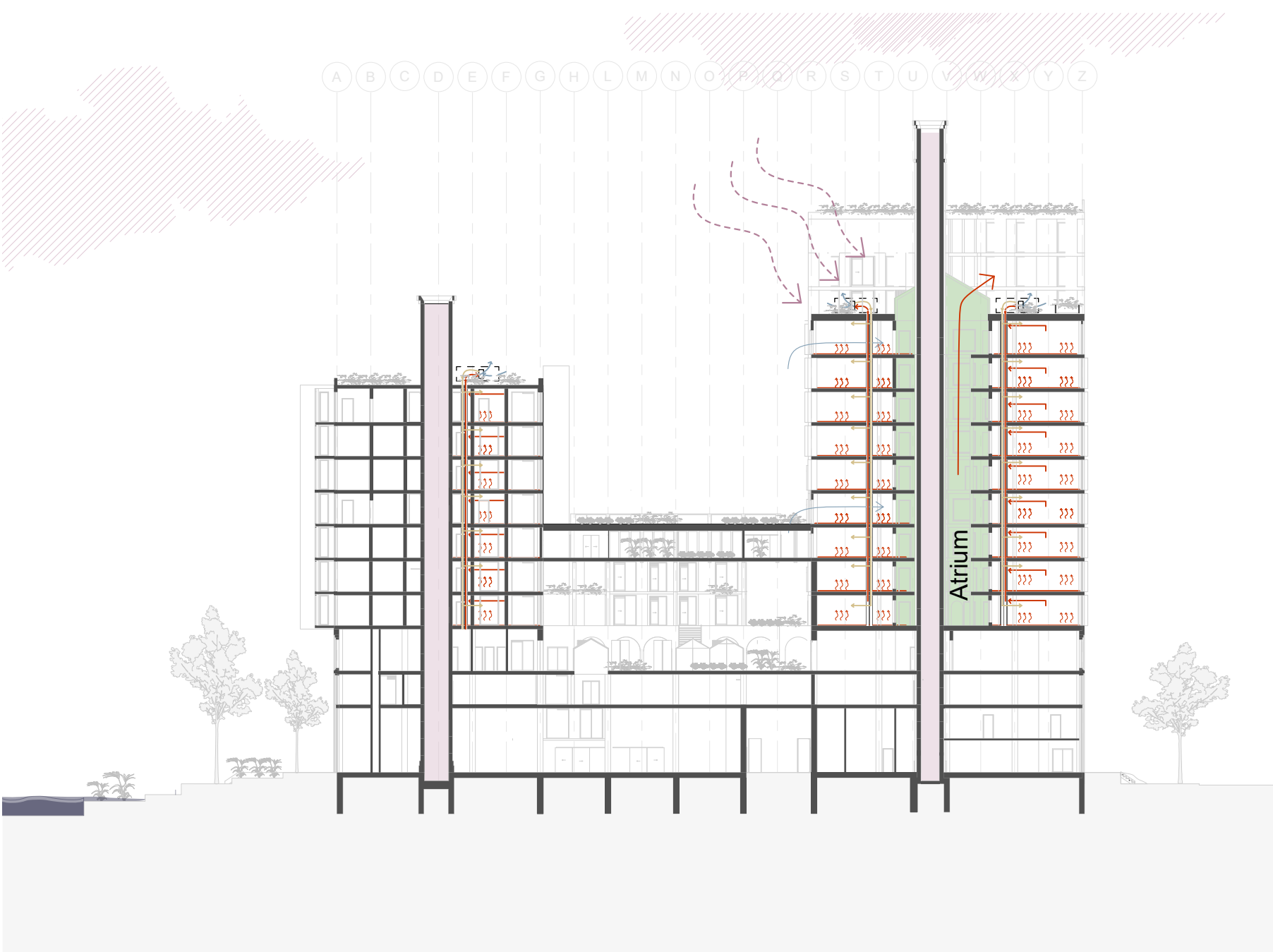
Wooden facade with shutters



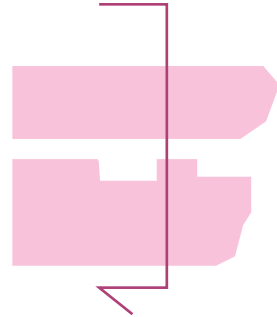
Wooden facade with shutters



Green roofs aiding in climate control



Atrium and dwelling ventilation and heating



North elevation



South Elevation

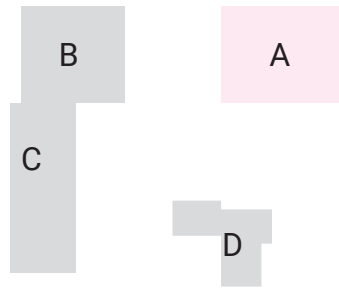


Core A typical Plans

Level 2 : Collective Kitchen Type 1

Core A is organized around an atrium and presents a mix of studios and family apartments. The corner layouts are mirrored.

- 1. Type 1 : 108 m²
- 2. Type 2 : 81 m²
- 3. Type 3 : studios 45-48 m²
- 4. Collective kitchen
- 5. Type 4 : 81 m²
- 6. Communal laundry
- 7. Atrium

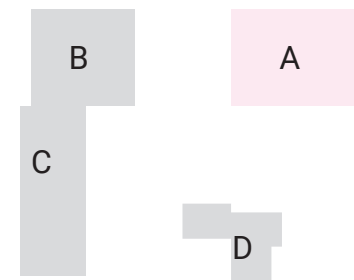
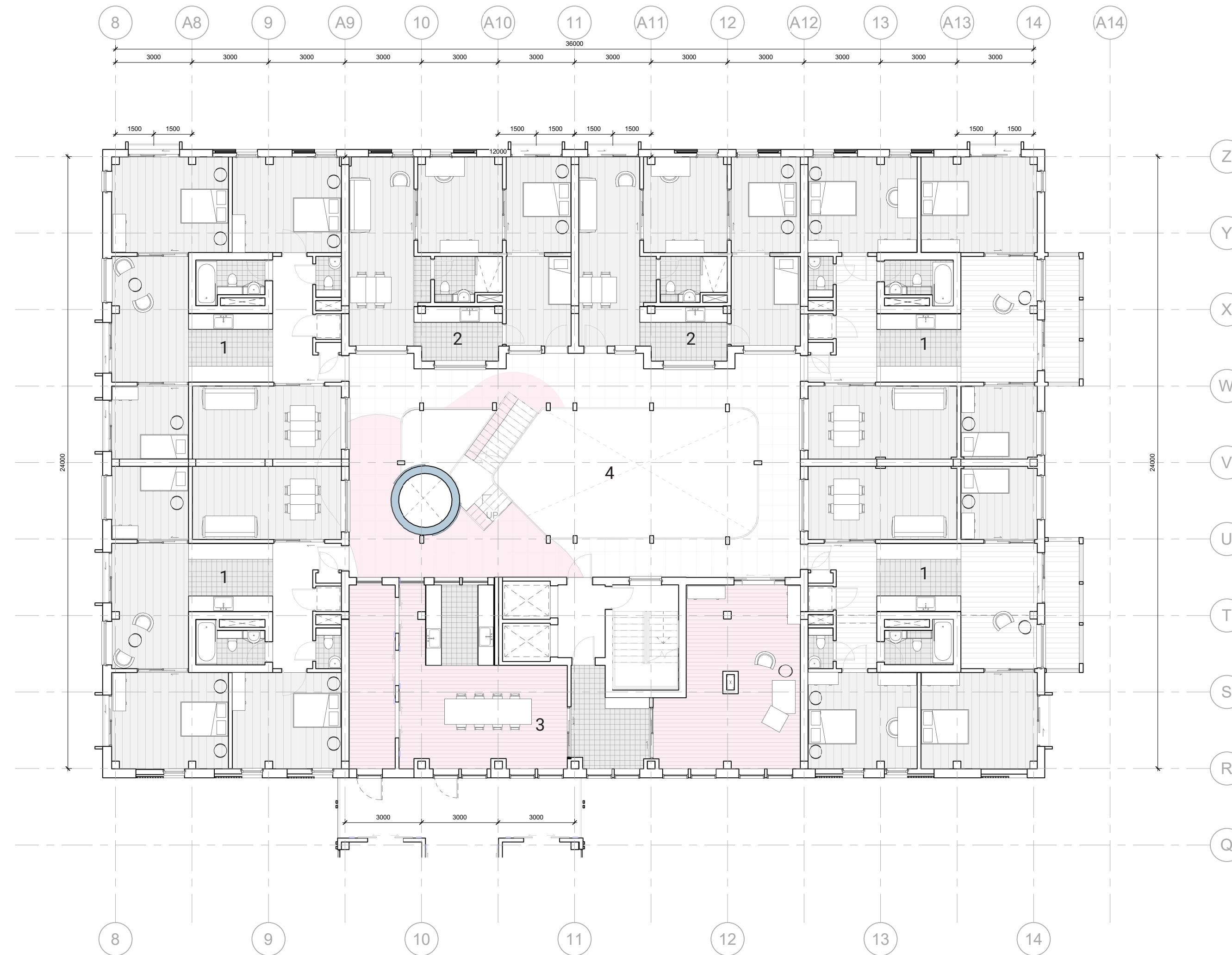


Core A typical Plans

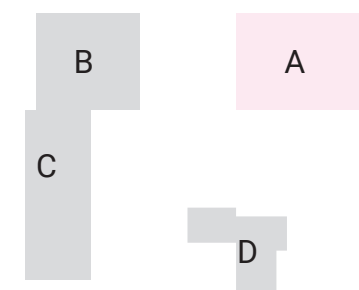
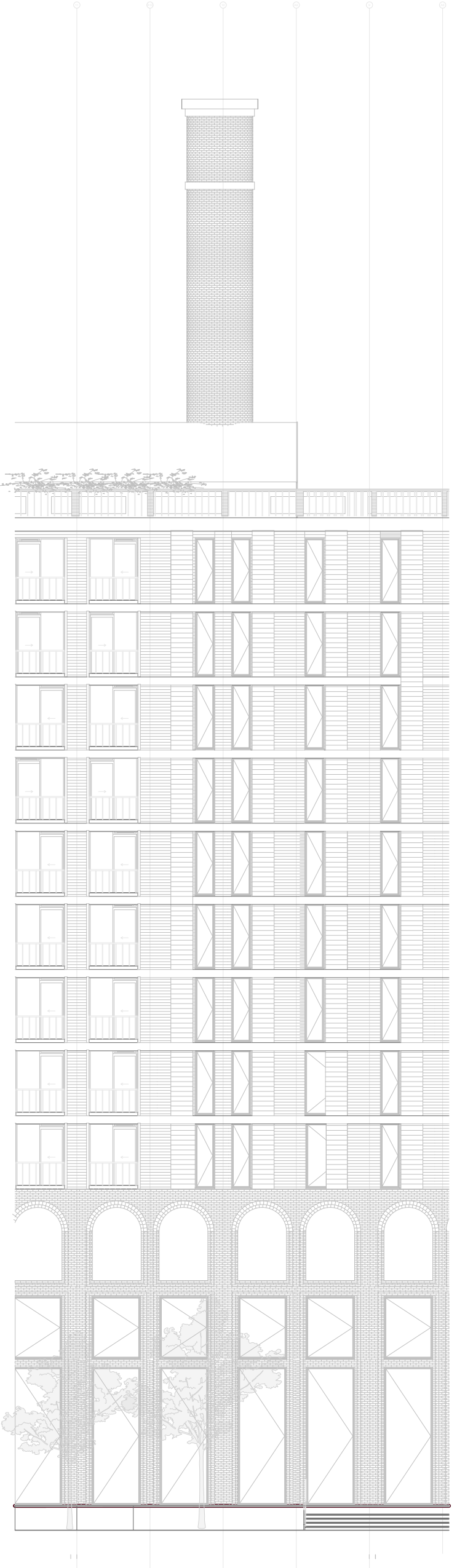
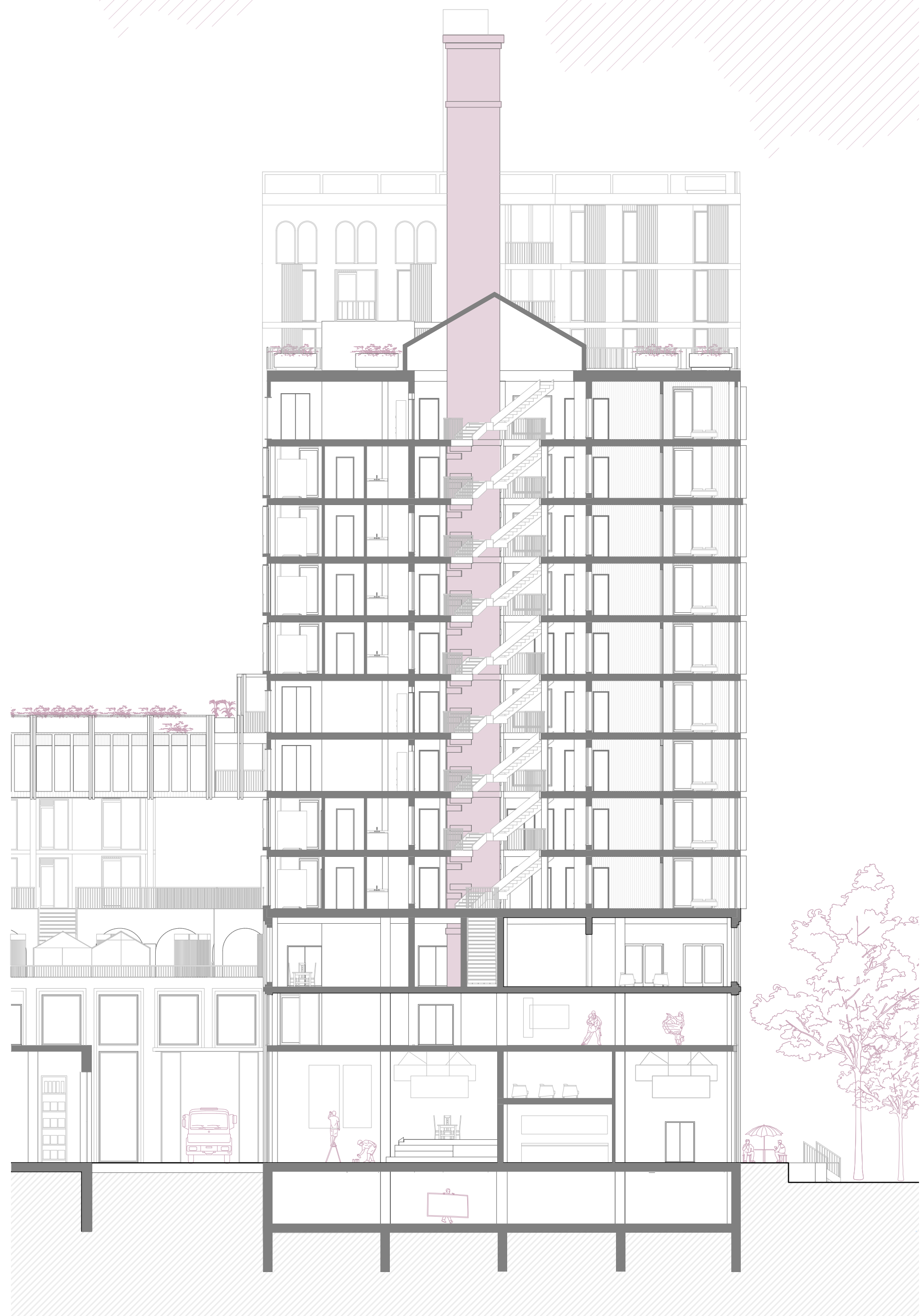
Level 3 : Collective Kitchen Type 2

Core A is organized around an atrium and presents a mix of studios and family apartments. The corner layouts are mirrored.

- 1. Type 1 : 108 m²
- 2. Type 2 : 81 m²
- 3. Communal Kitchen , laundry and leisure space
- 4. Atrium



Core A Short Section

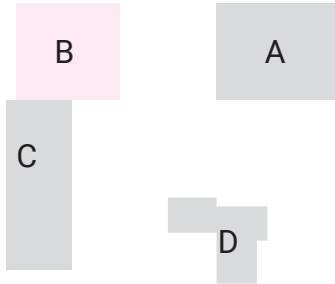
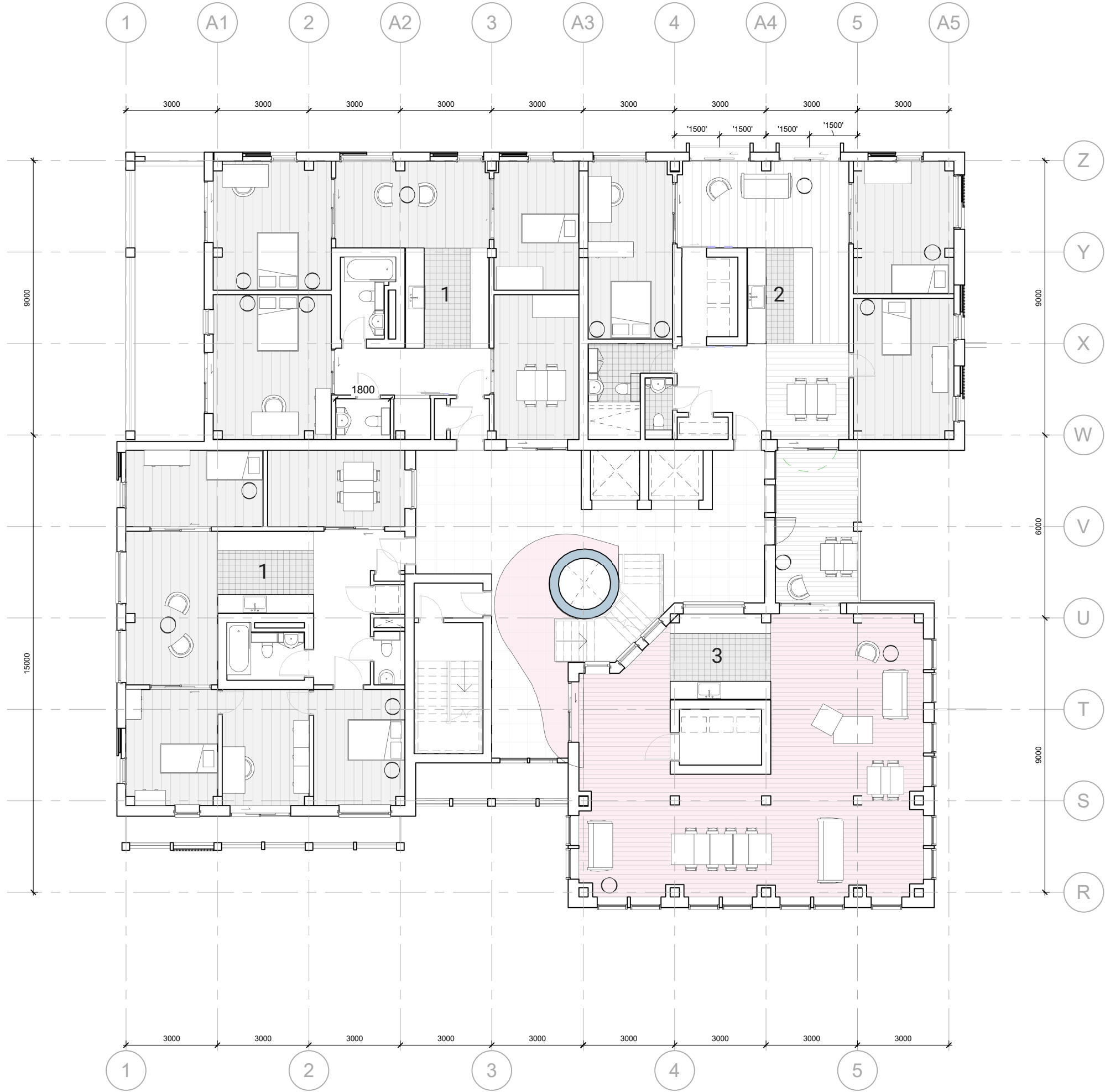


Core B Typical Plans

Level 2 : Collective Kitchen

Core B is focused on a more separate way of life with communal kitchens appearing where necessary. The apartments still have flexible layouts organised around a 'productive core'.

- 1. Type 1 : 108 m²
- 2. Type 2 : 108 m²
- 3. Collective kitchen

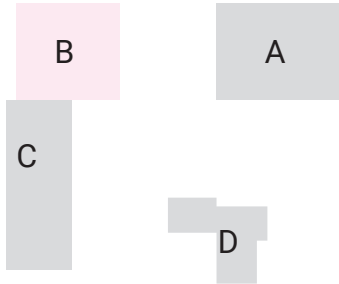
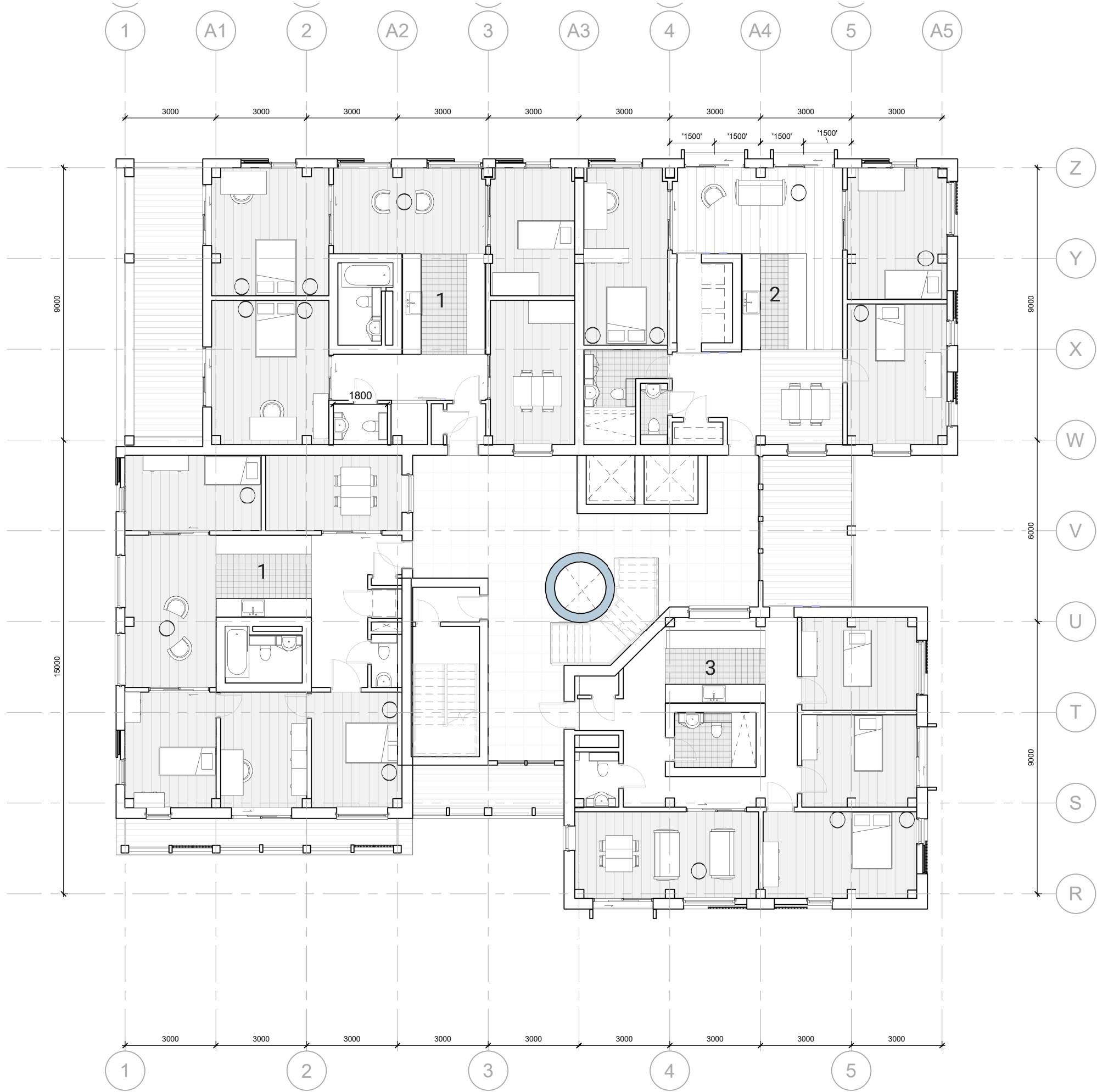


Core B Typical Plans

Level 6 : Typical

Core B is focused on a more separate way of life with communal kitchens appearing where necessary. The apartments still have flexible layouts organised around a 'productive core'.

- 1. Type 1 : 108 m²
- 2. Type 2 : 108 m²
- 3. Type 3 : 90 m²

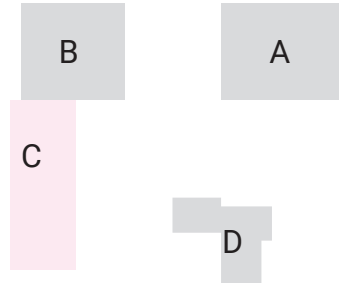
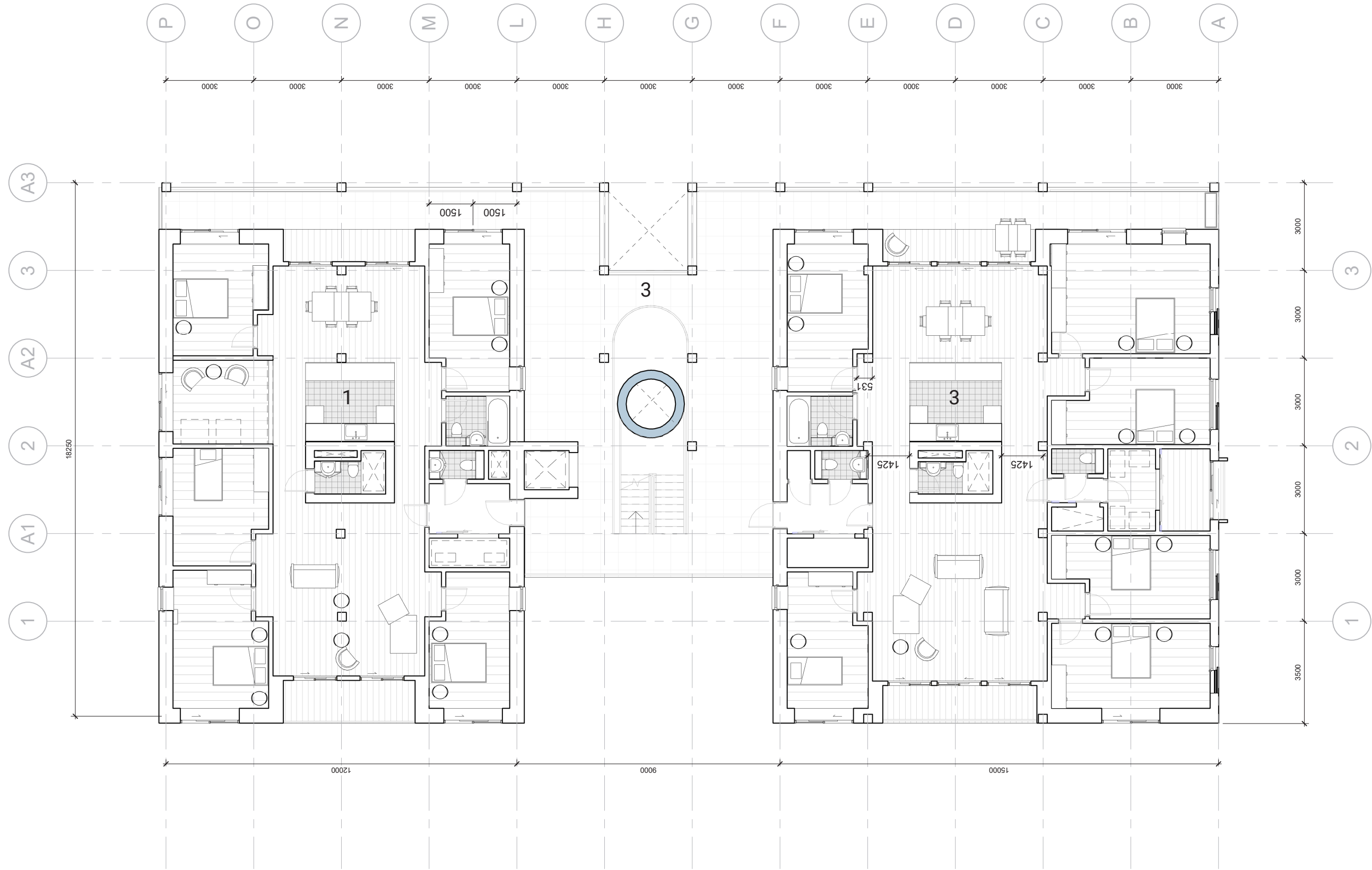


Core C Typical Plan

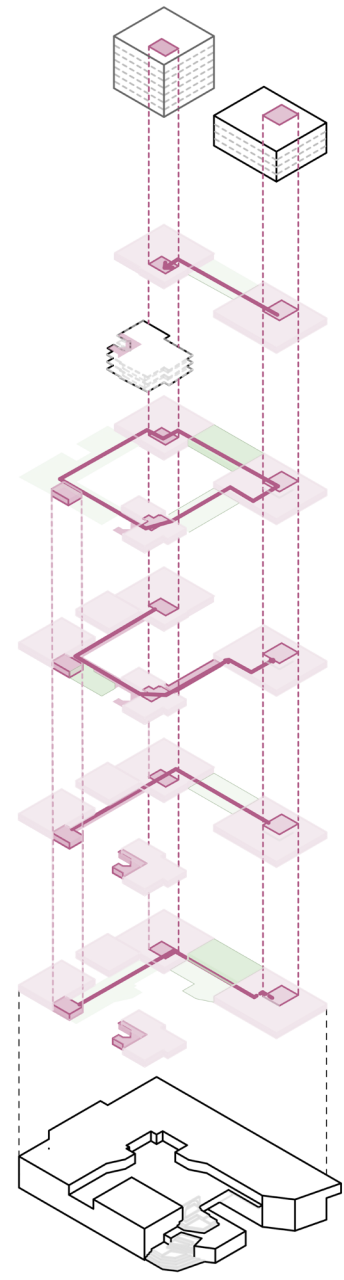
Level 2

Core C has two cluster apartments per floor that are targeting young professionals or large families

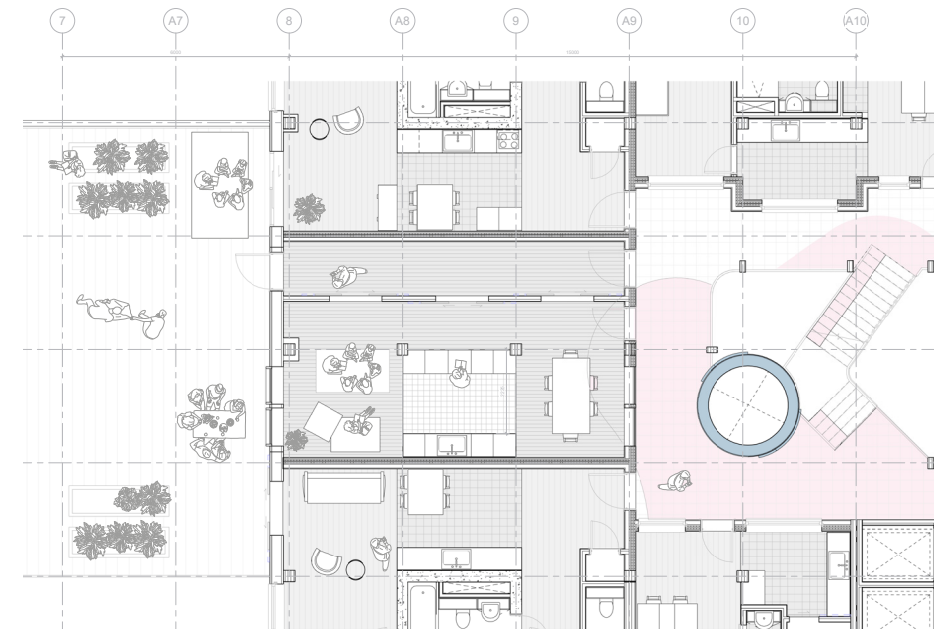
- 1. Type 1 : 216 m²
- 2. Type 2 : 270 m²
- 3. Gallery



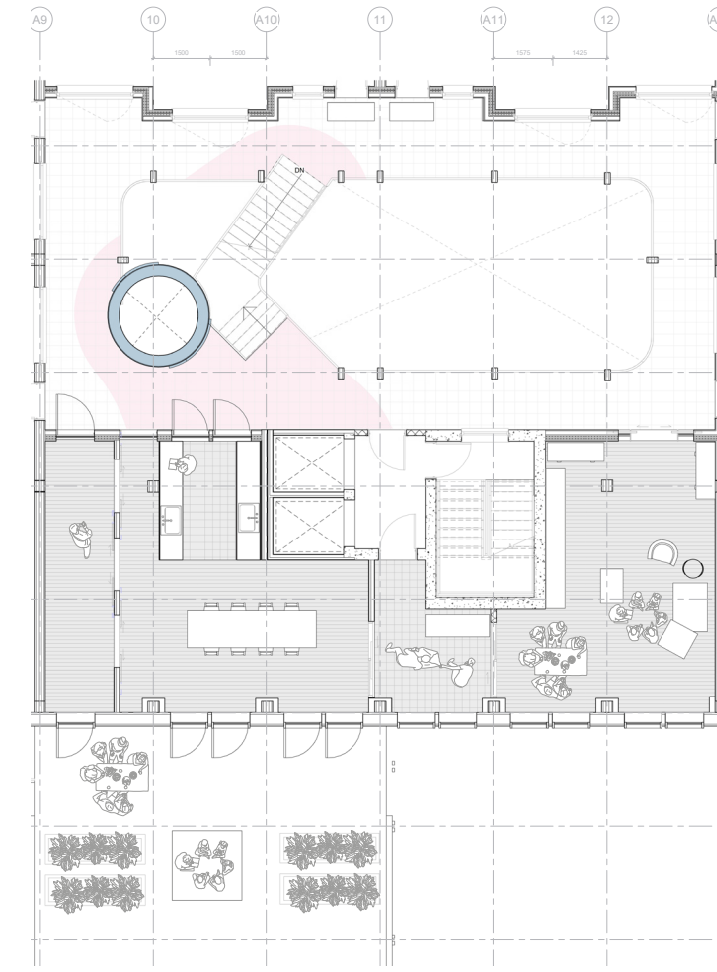
Collective Kitchen Index



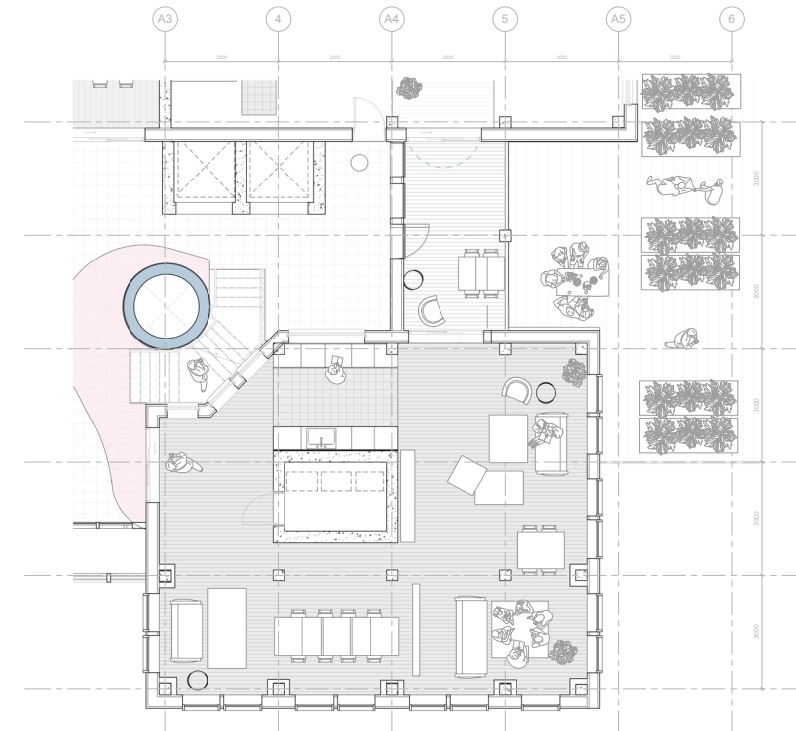
■ Collective Kitchen / Laundry
 ■ Dwelling unit



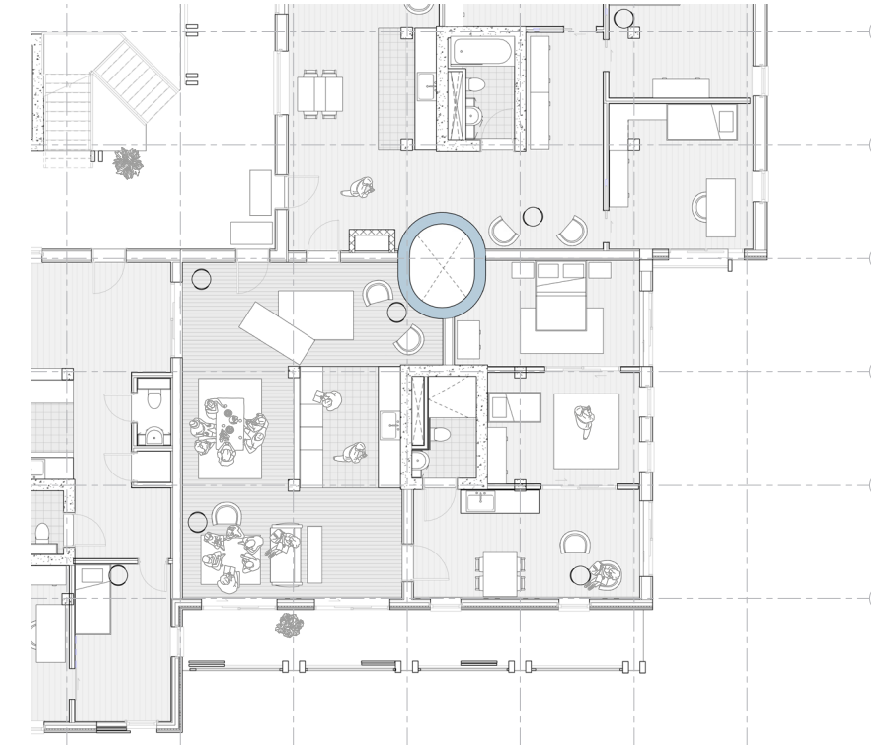
Collective Kitchen A level 2



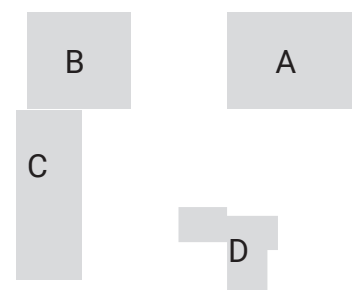
Collective Kitchen A Level 3



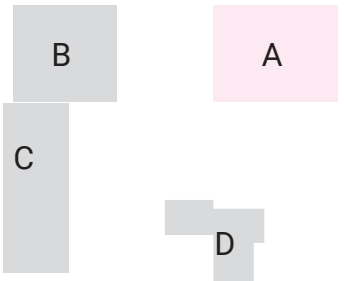
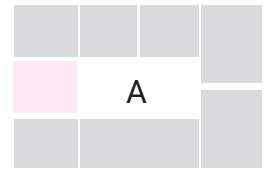
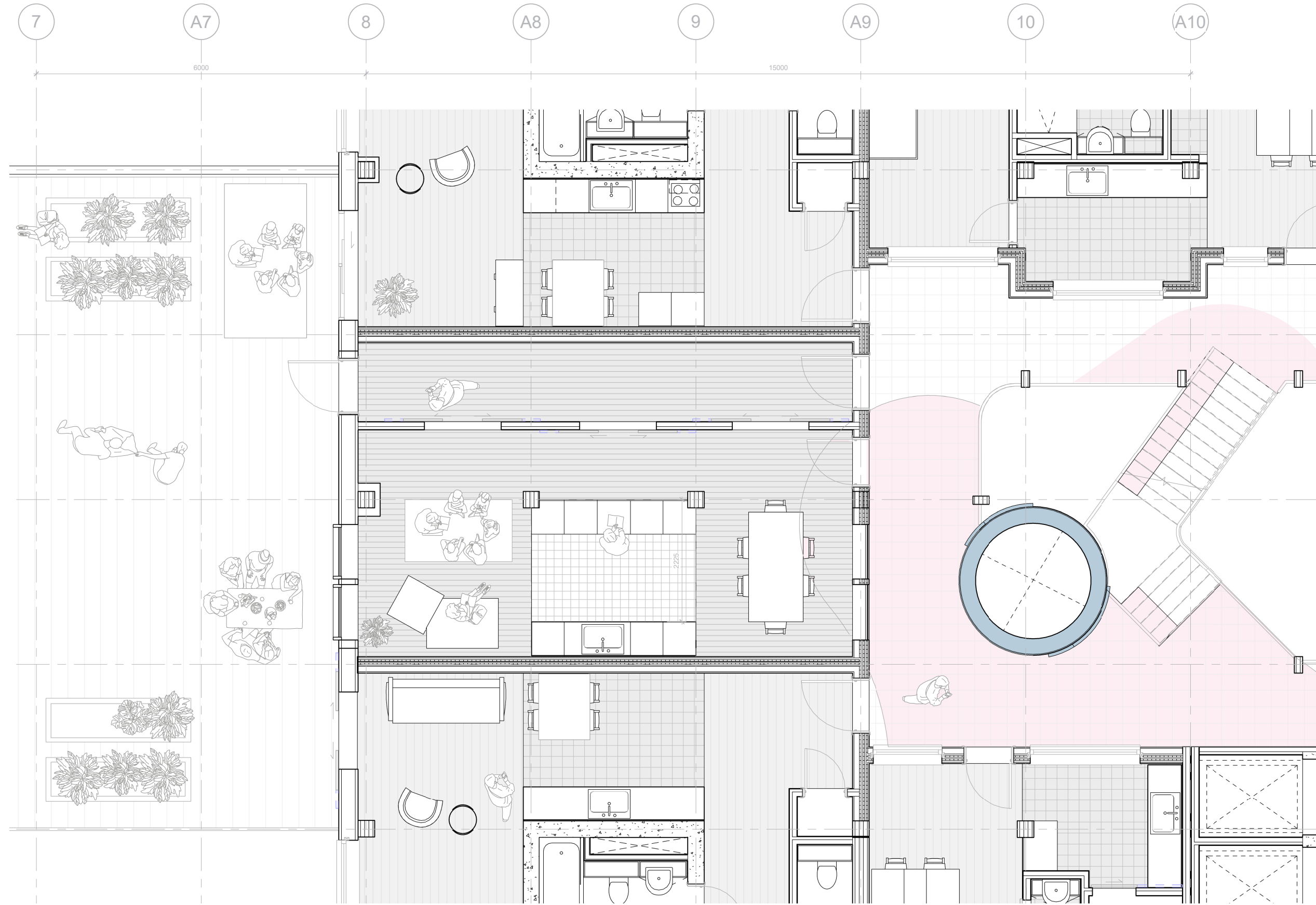
Collective Kitchen B



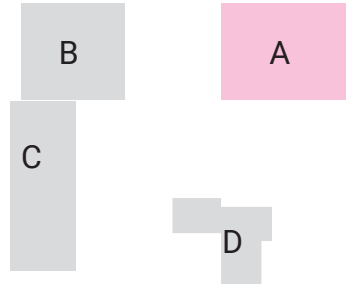
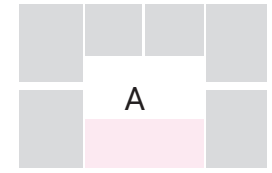
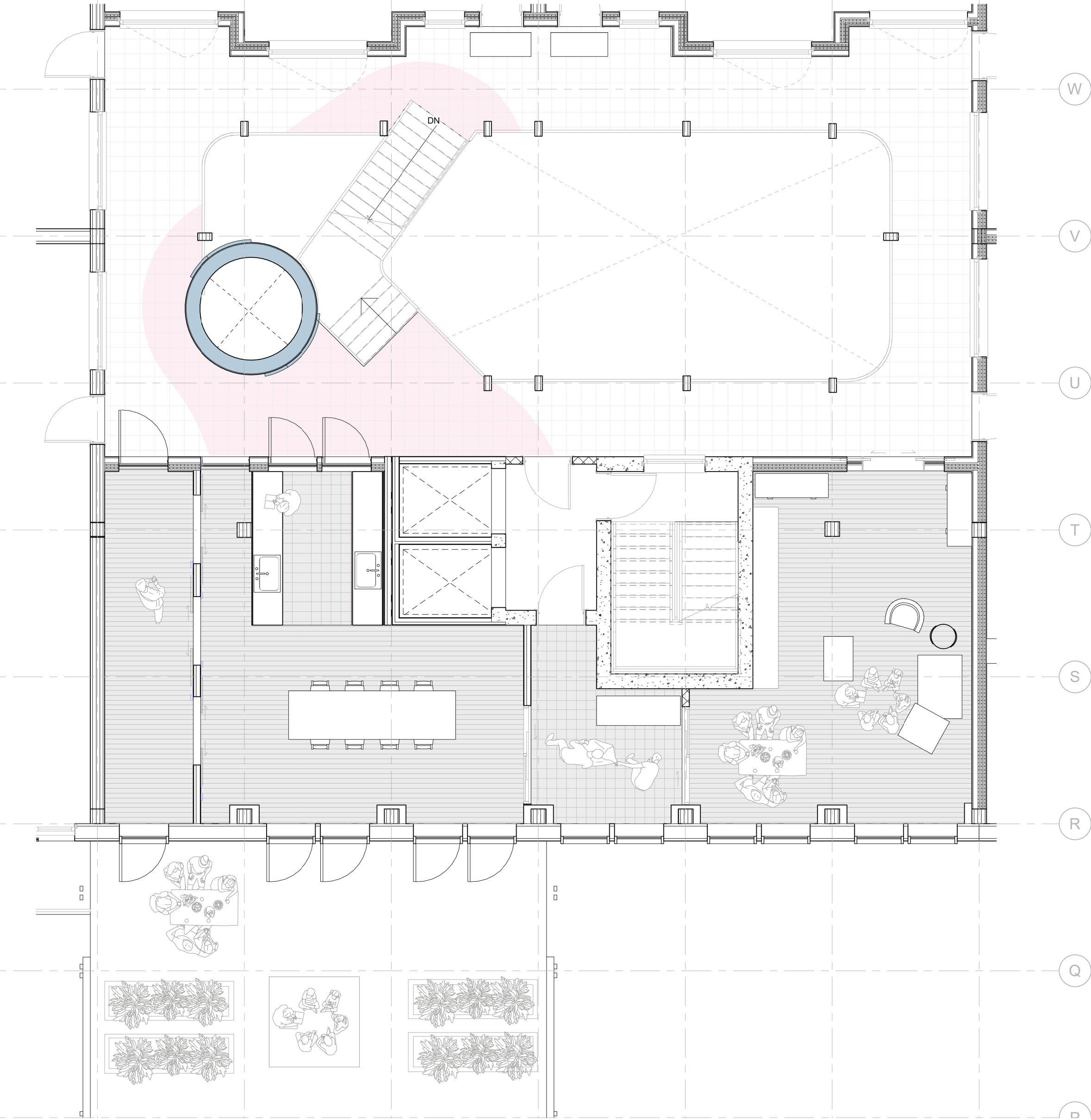
Collective Kitchen D



Collective Kitchen Core A Type 1



Collective Kitchen Core A Type 2



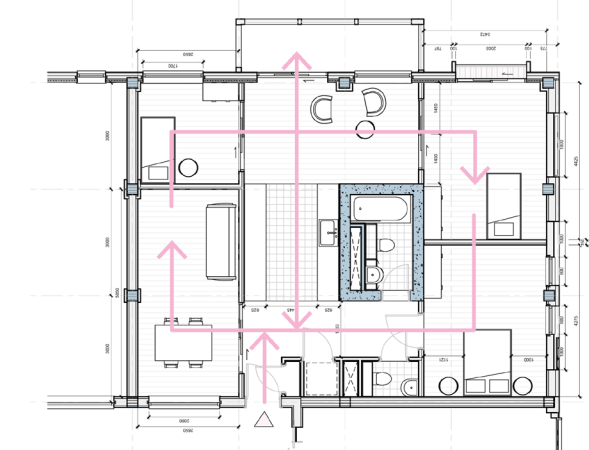
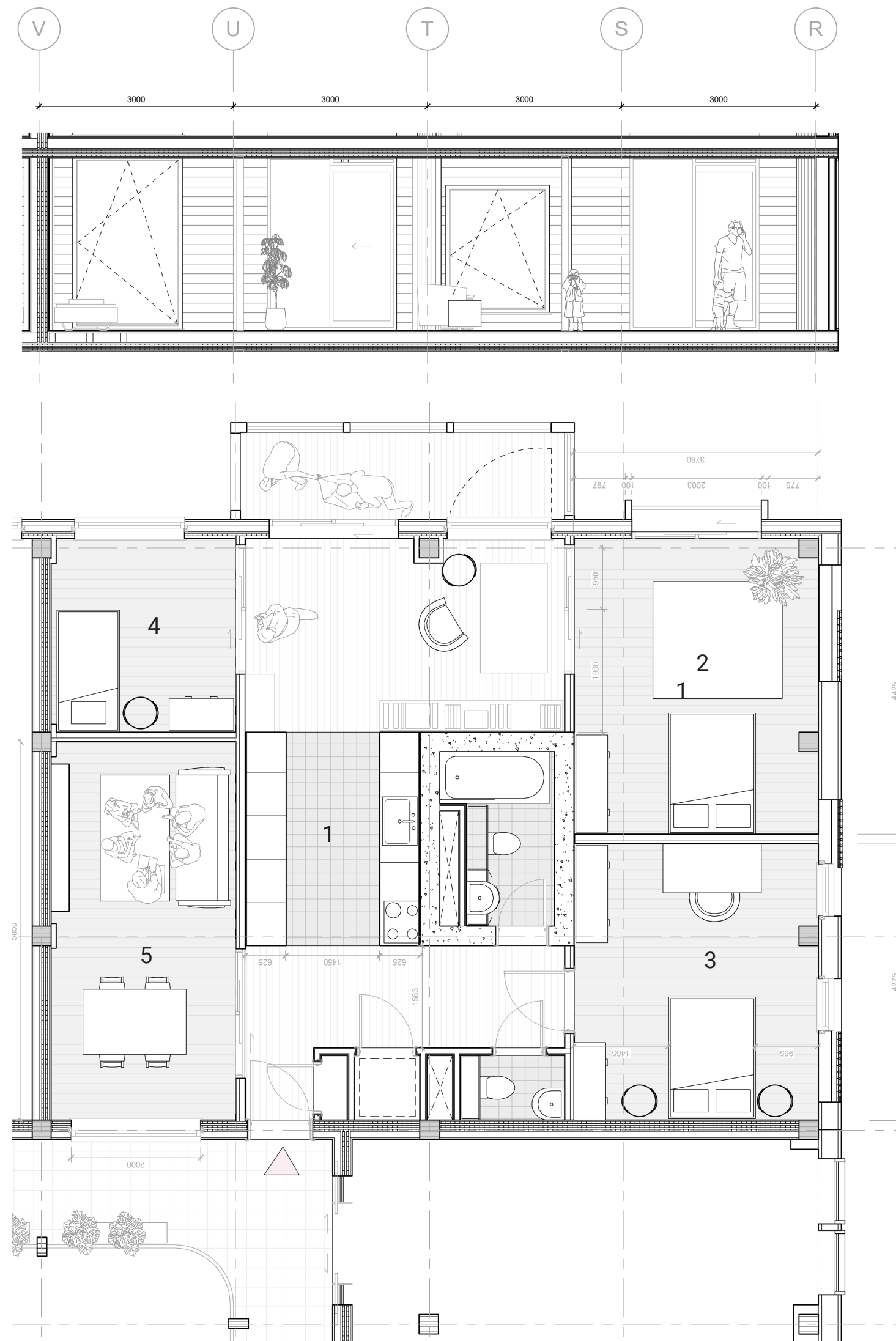
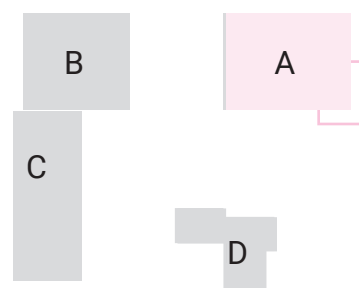
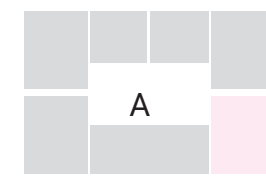
Dwelling plans

Level 4 Core A : Family dwelling

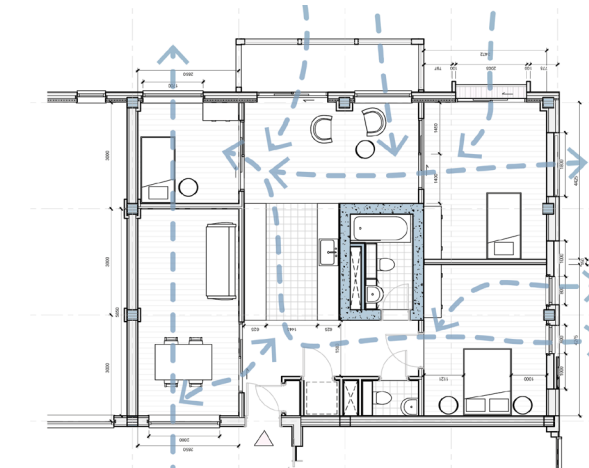
Family apartment: 108 m²

The arrangement around the core of the living areas of the apartment creates opportunity for different divides of day and night. Minimal area is dedicated solely to circulation. The inhabitants can flow from space to space, from room to room if they so desire. The layout is flexible with minimal intervention needed for addition or subtraction of traditionally private areas.

1. Core of the apartment: Kitchen
2. Bedroom 1
3. Bedroom 2
4. Bedroom 3
5. Dining, exposed towards the atrium and circulation area



Mechanical ventilation



Natural Airflows

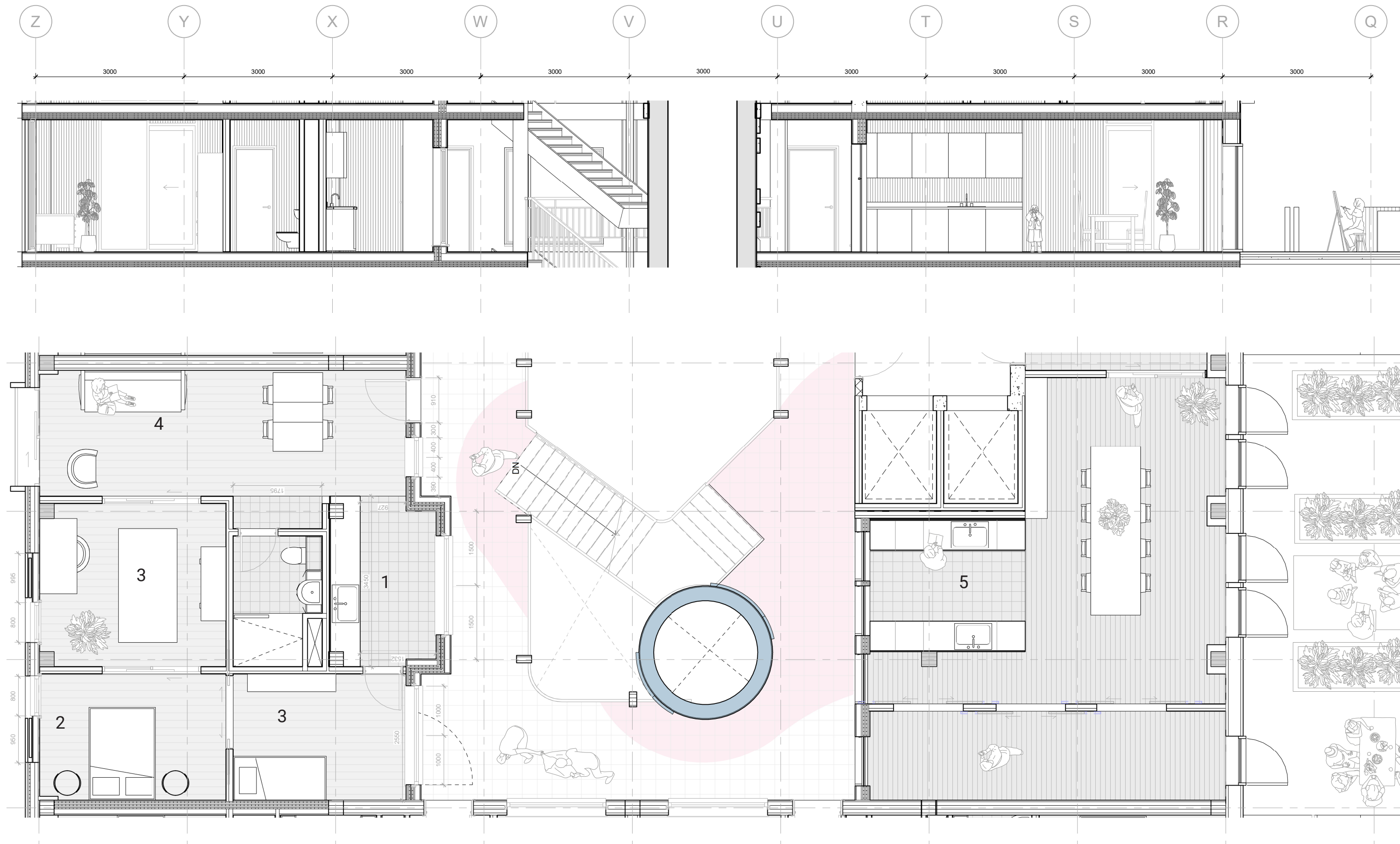
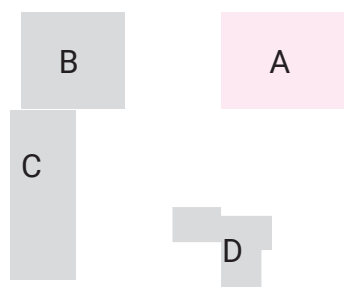
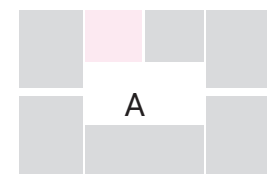
Dwelling plans

Core A Level 4: Family/ Starters dwelling

Family apartment: 81 m²

While I consider it to be a private dwelling this type heavily relates to the communal kitchen and is perhaps the most integrated in the wider community. The arrangement around the core of the living areas of the apartment creates opportunity for different divides of day and night. Minimal area is dedicated solely to circulation. The inhabitants can flow from space to space, from room to room if they so desire. The layout is flexible with minimal intervention needed for addition or subtraction of traditionally private areas.

1. Core of the apartment: Kitchen exposed towards the atrium and circulation area
2. Bedroom
3. Nursery/work area
4. Living area
5. Collective Kitchen

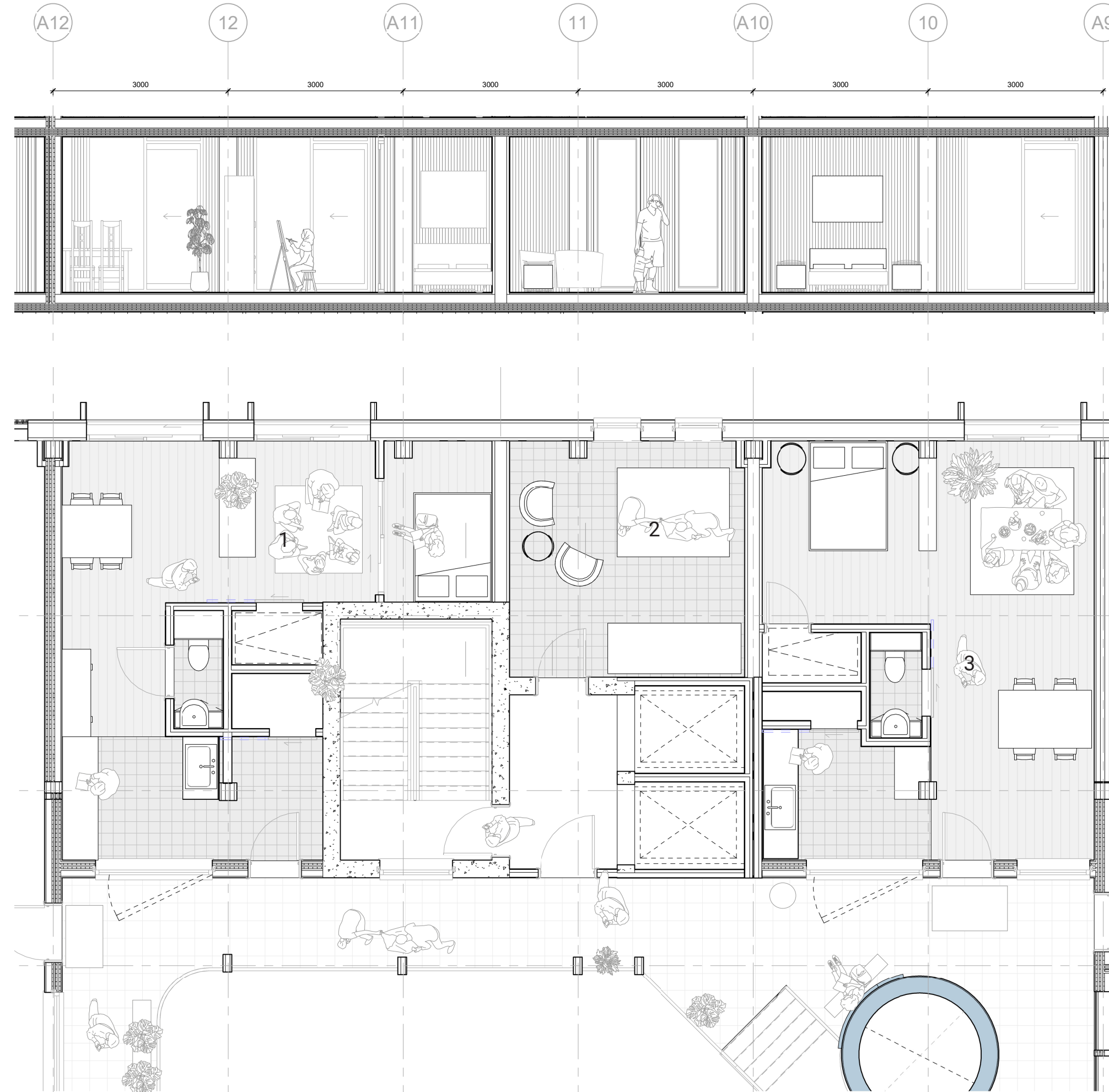
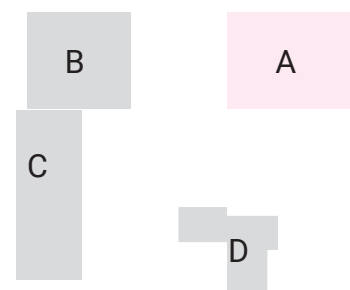
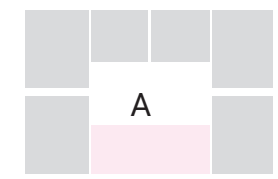
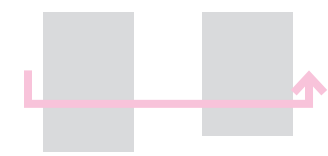


Dwelling plans

Core A Level 2 : Studios

A pair of studios with a communal laundry take the place of the communal kitchen in core A when there is no urban farming terrace .

- 1. Studio 1
- 2. Laundry
- 3. Studio 2



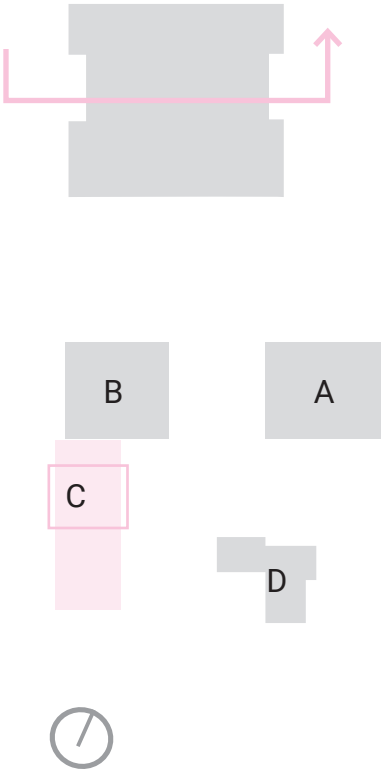
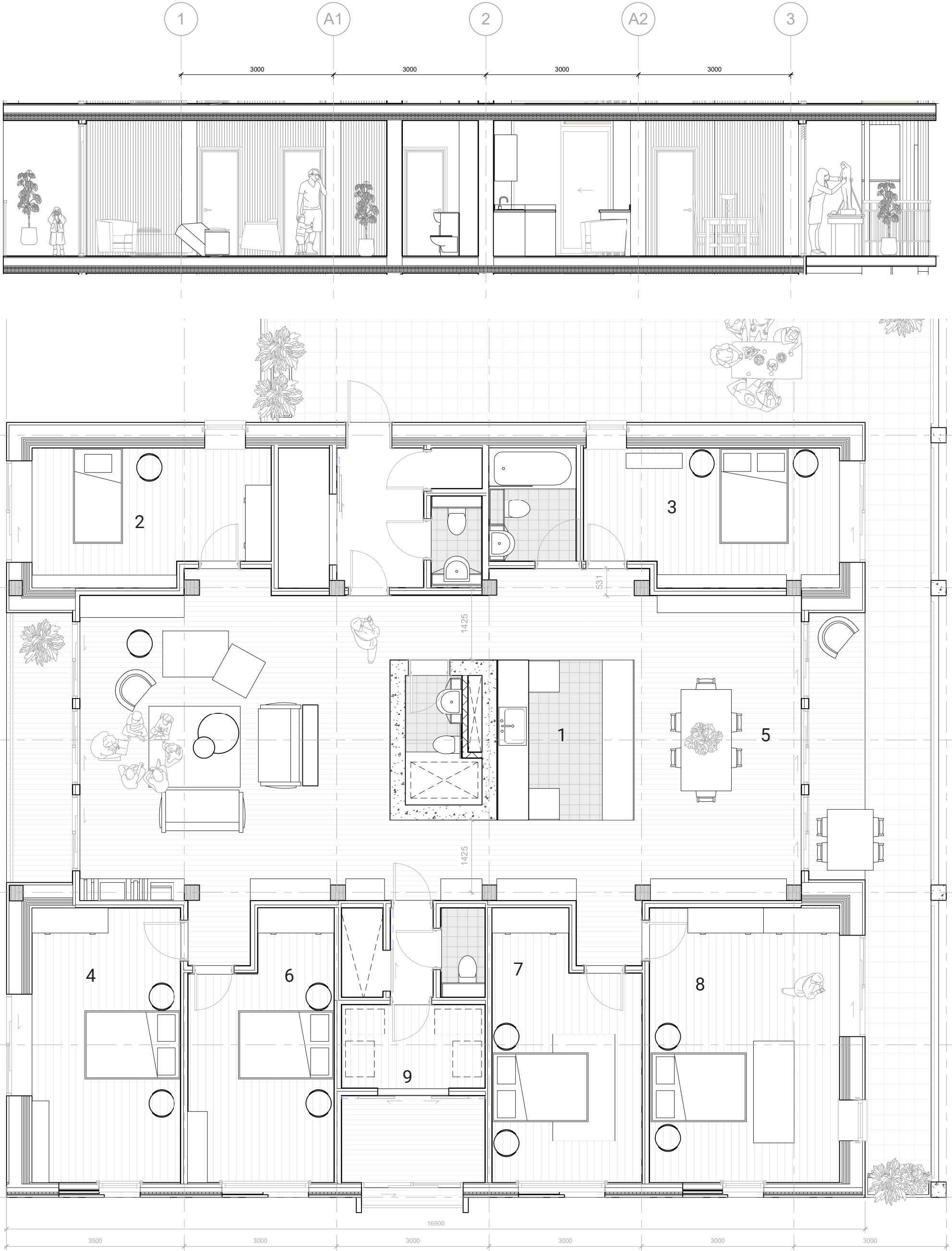
Dwelling plans

Core C Level 2 : Cluster apartment

Cluster apartment:

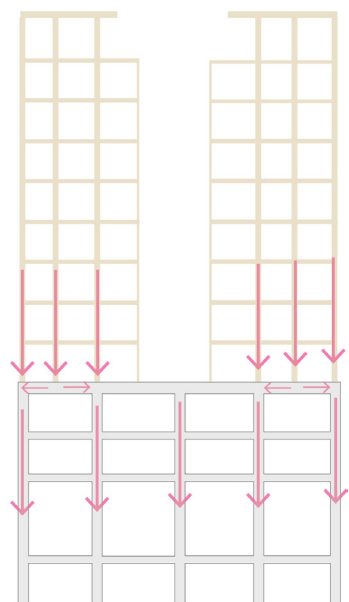
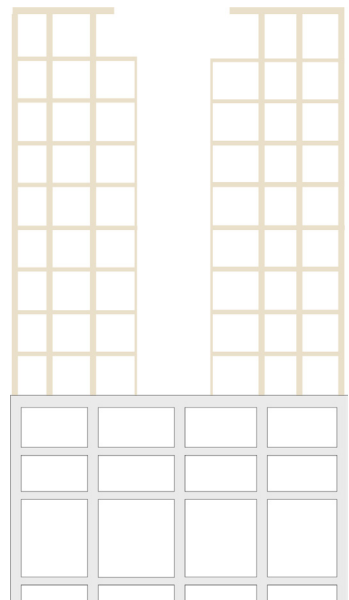
The arrangement around the core of the living areas of the apartment creates opportunity for different divides of day and night. Minimal area is dedicated solely to circulation.

- 1. Core of the apartment: Kitchen
- 2. Bedroom 1
- 3. Bedroom 2
- 4. Bedroom 3
- 5. Dining, exposed towards the gallery
- 6. Bedroom 4
- 7. Bedroom 5
- 8. Bedroom 6
- 9. Laundry and attached balcony

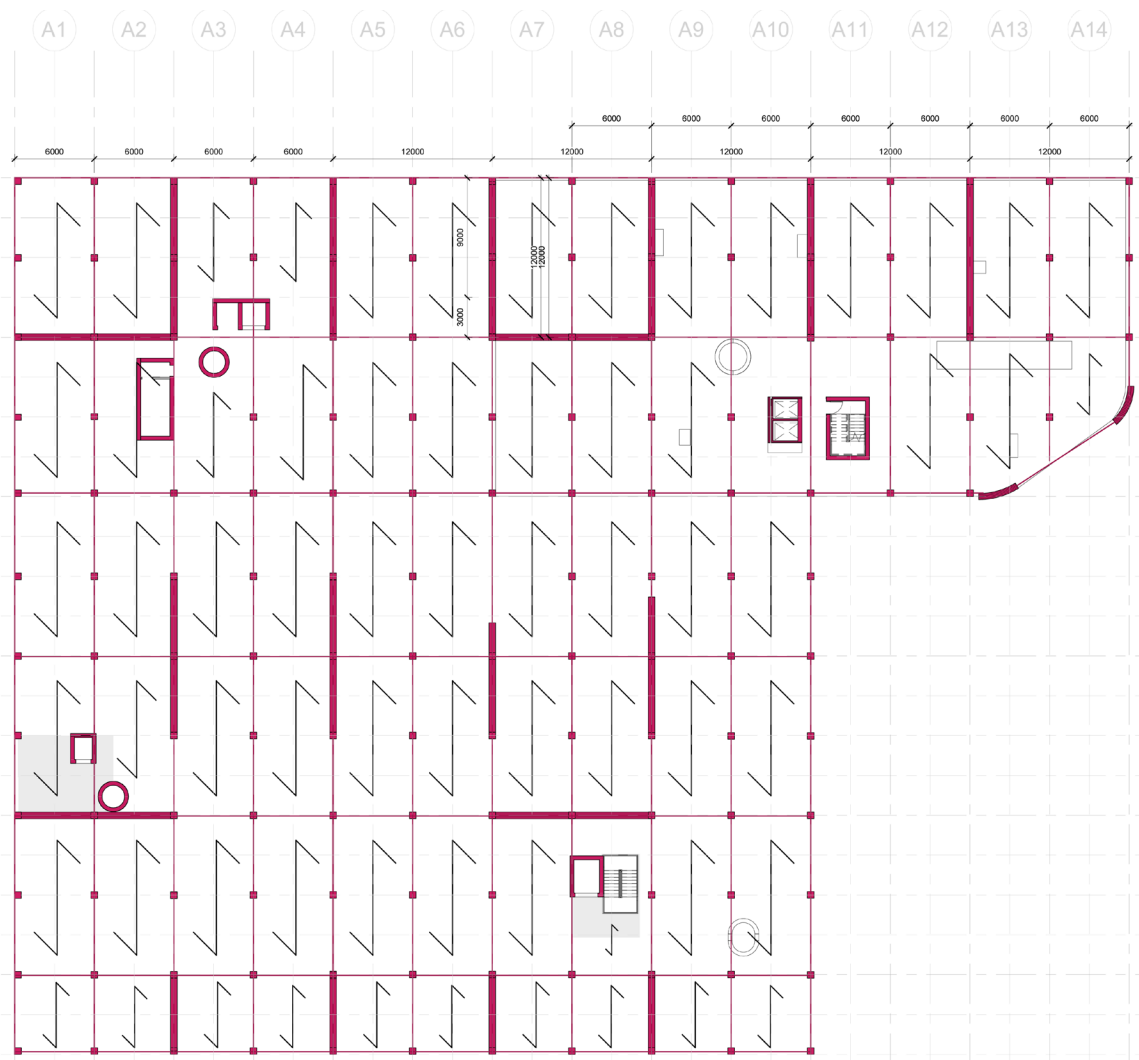


Structure

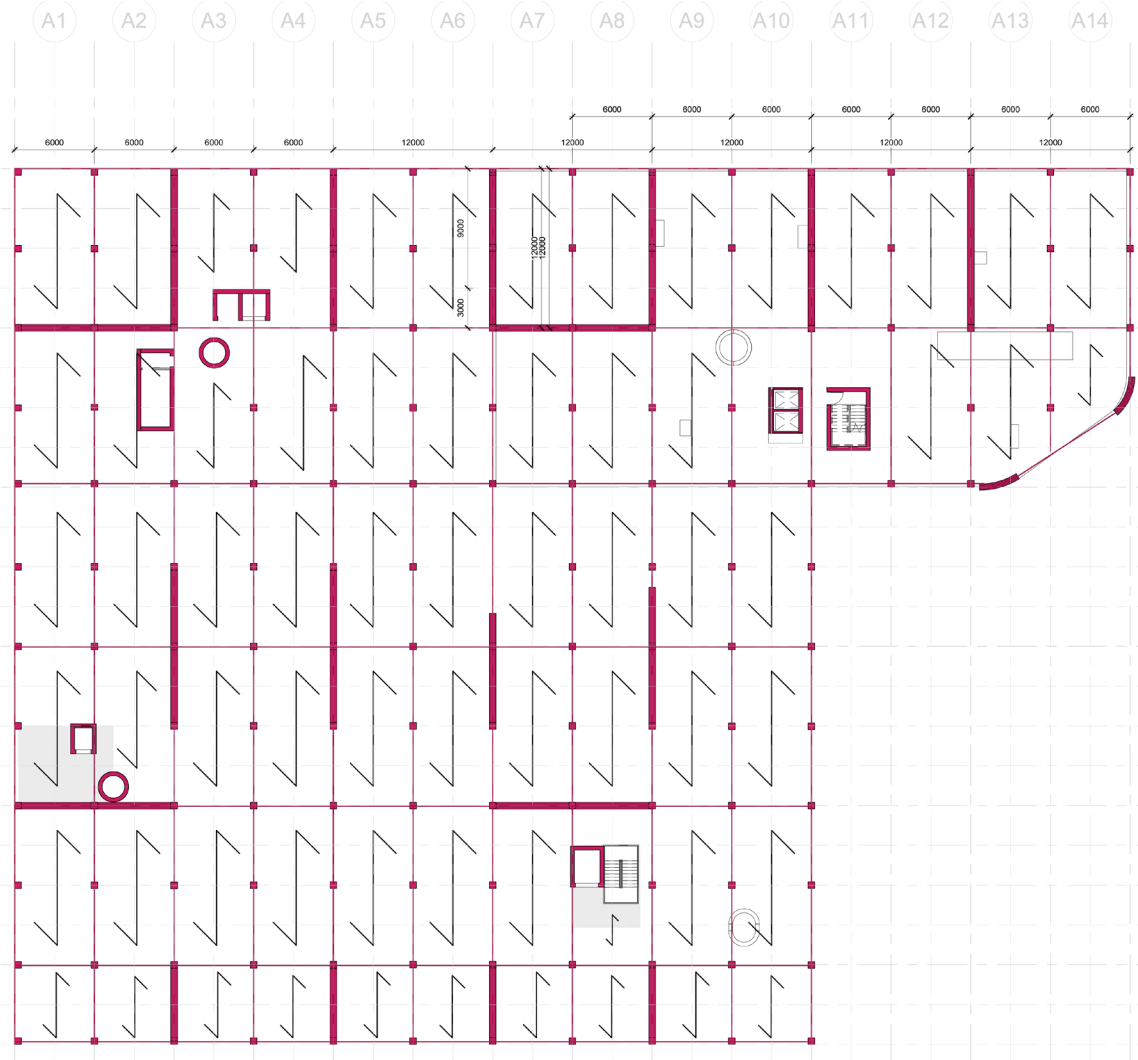
Concrete and Laminated Timber



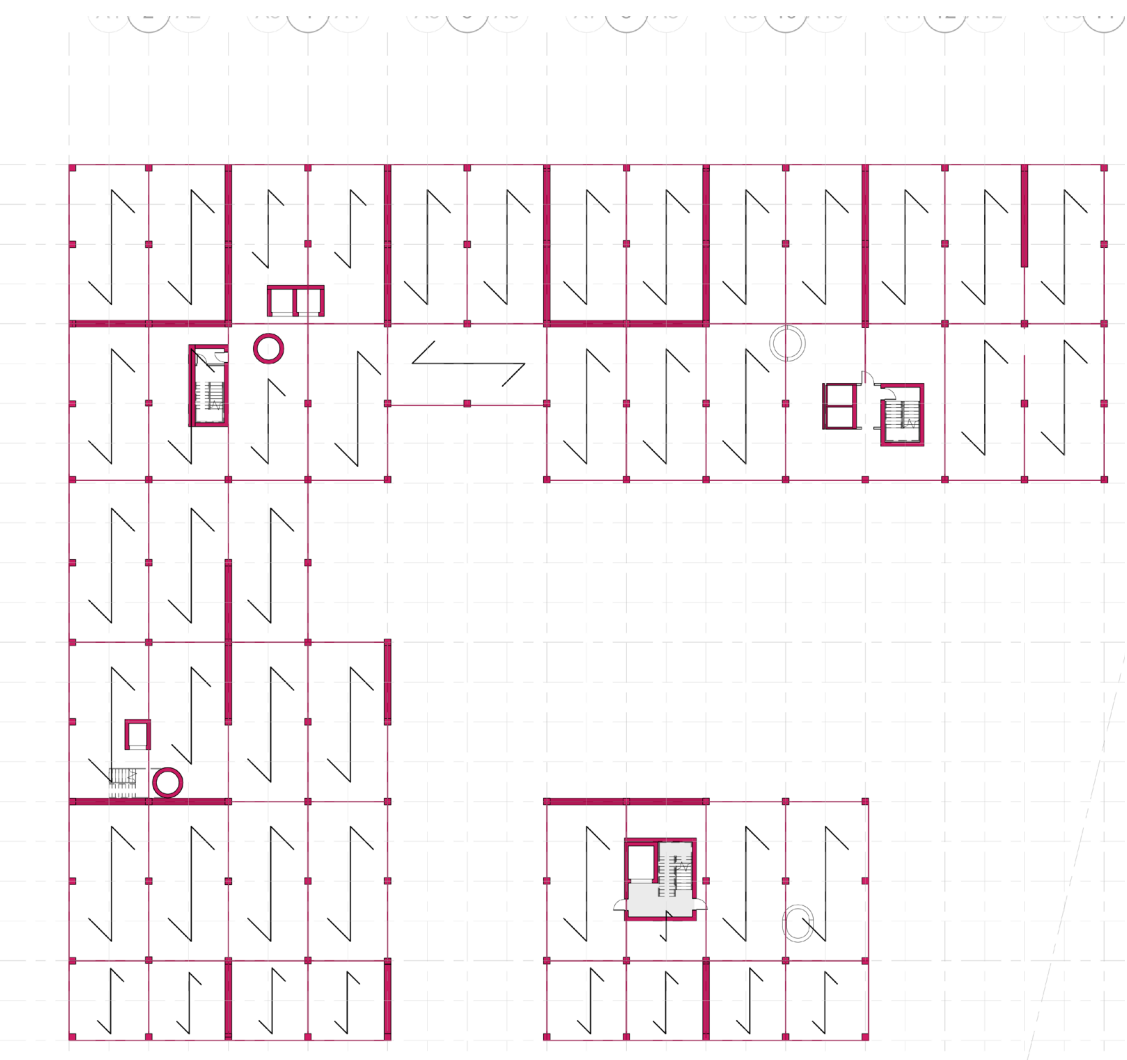
Concrete and CLT structure



Ground level +1m

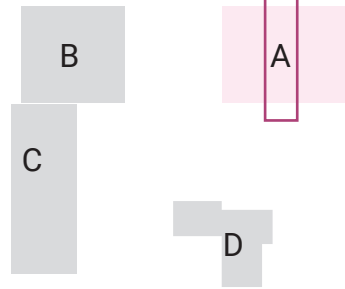
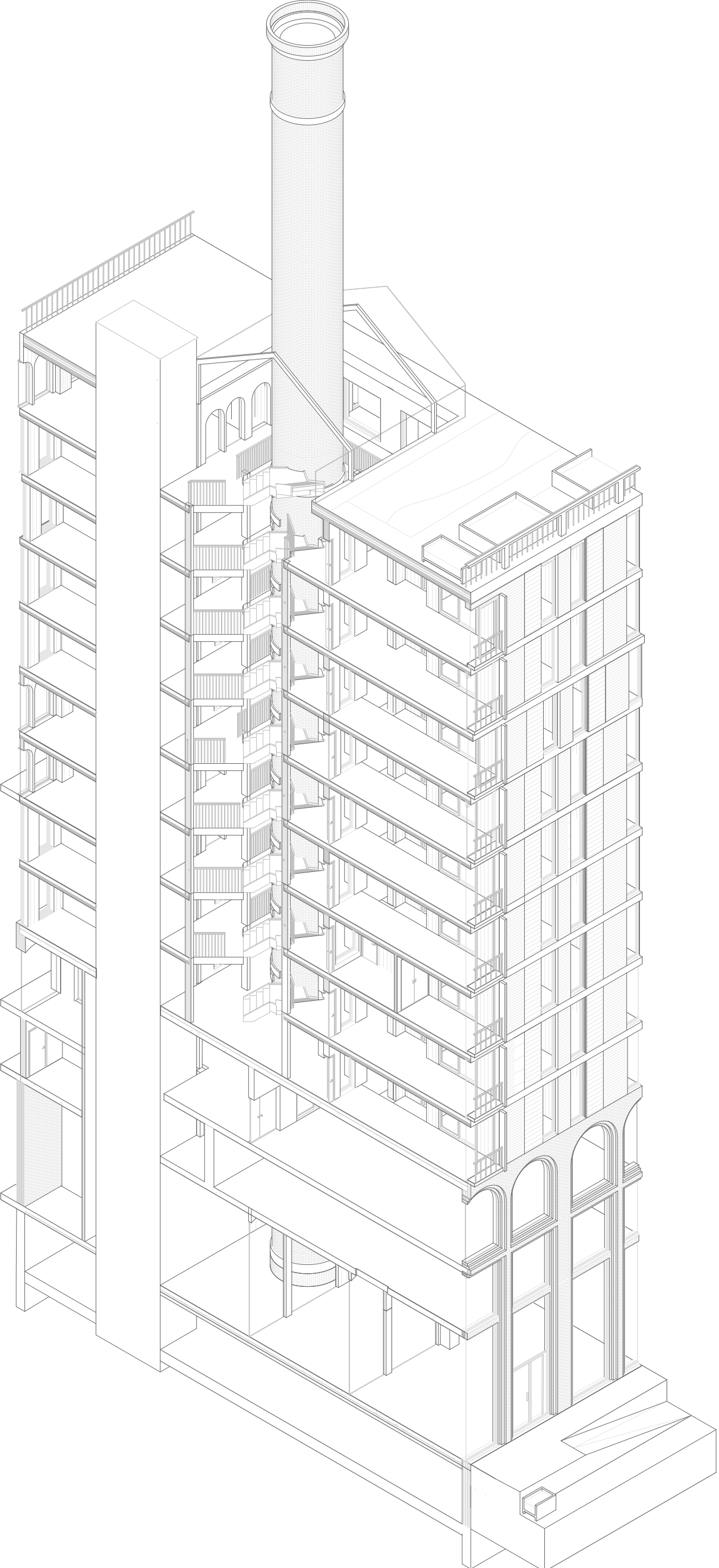


Podium

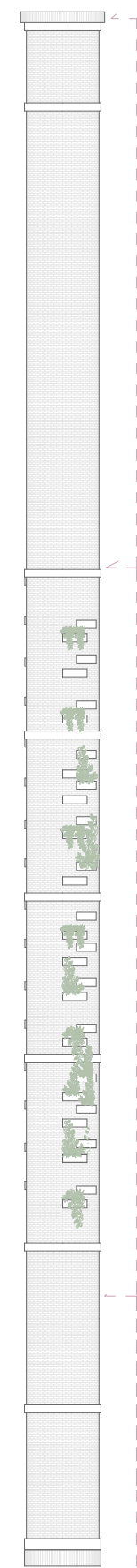
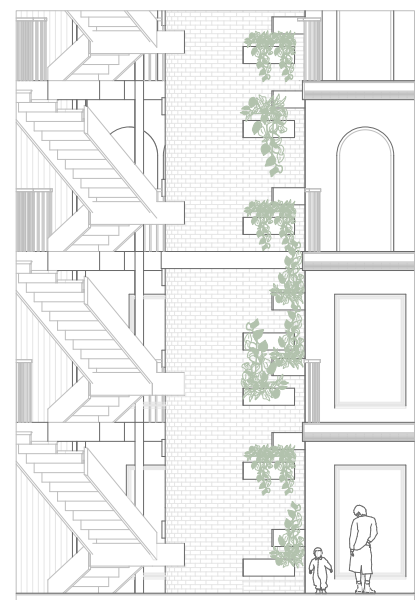


Podium 2

Atrium Fragment



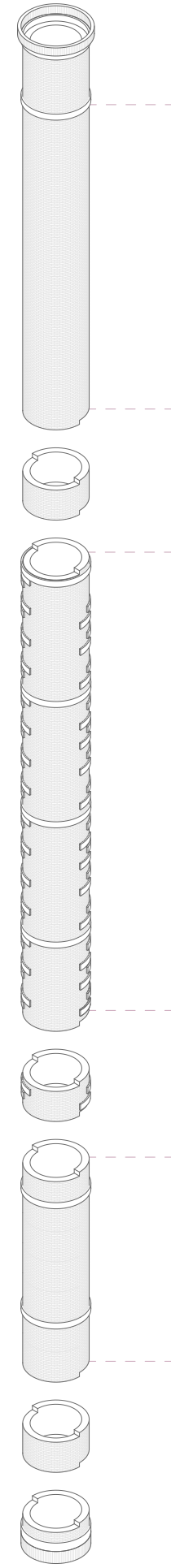
Chimney



ROOF

ATRIUM

PRODUCTION



TYPE 2

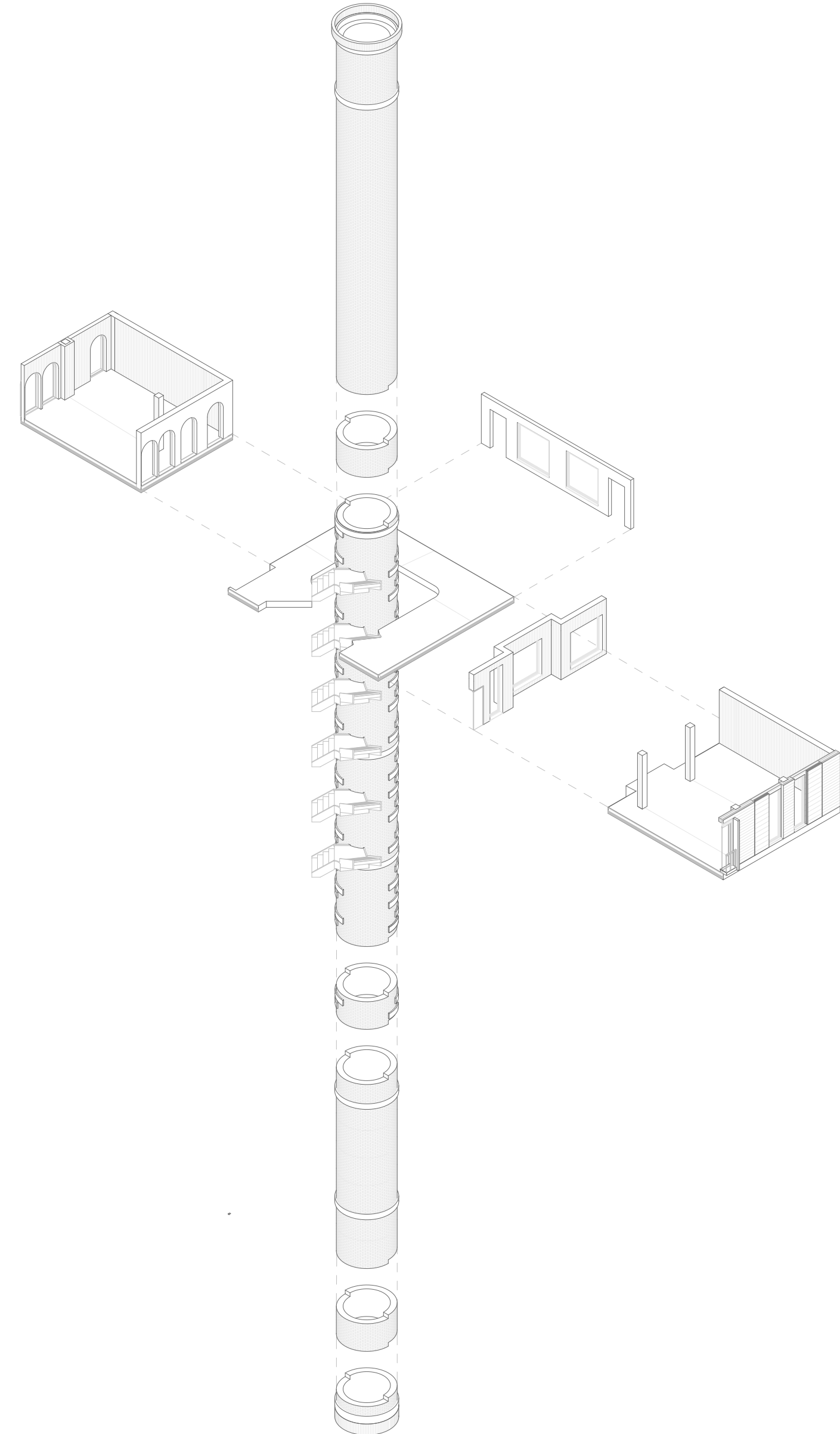
TYPE 3

TYPE 3- CORE

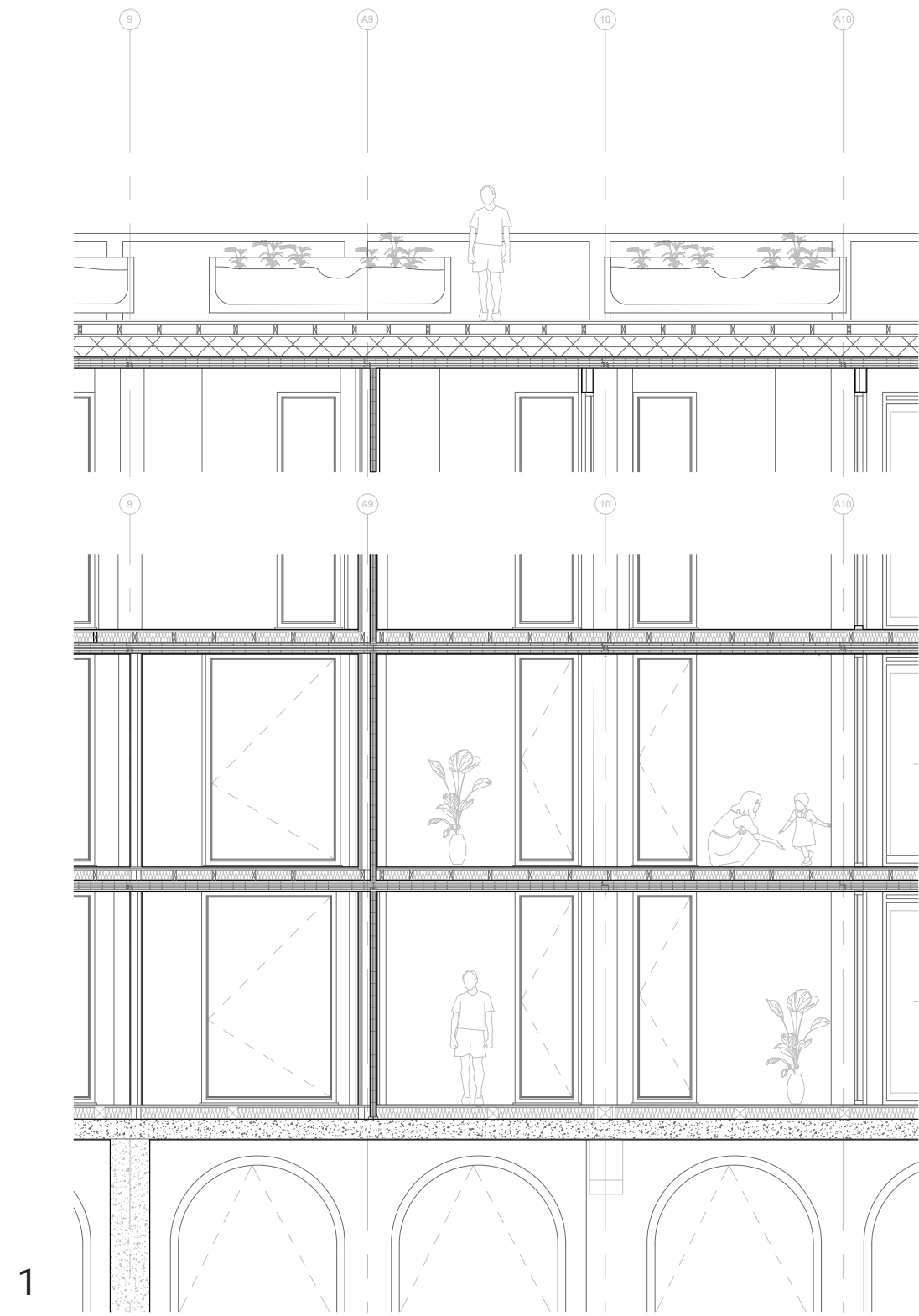
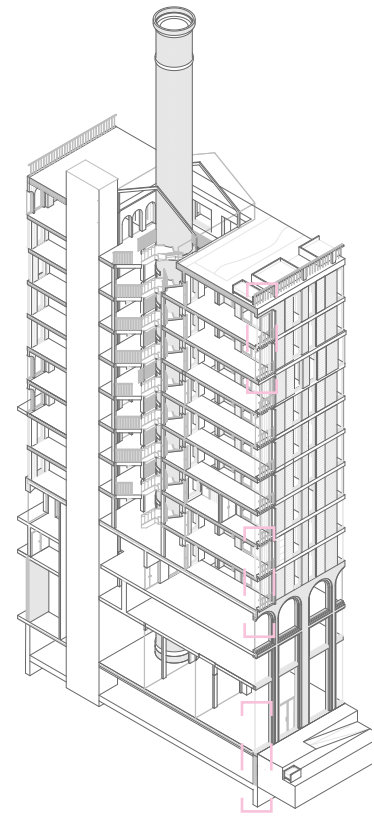
TYPE 2

TYPE 2-TYPICAL
HEIGHT : 1500 MM

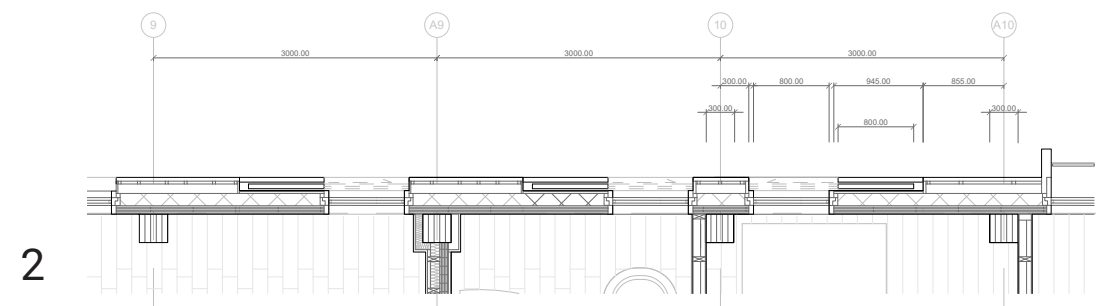
TYPE 1- BASE
HEIGHT : 1500 MM



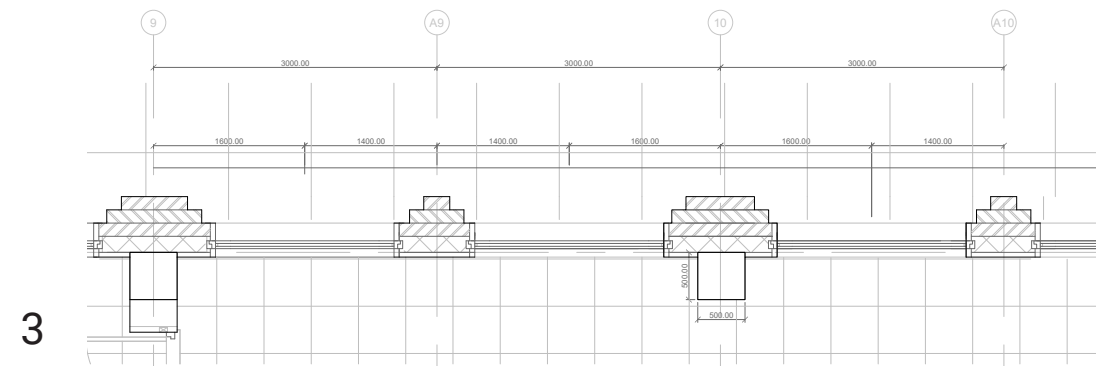
Fragment



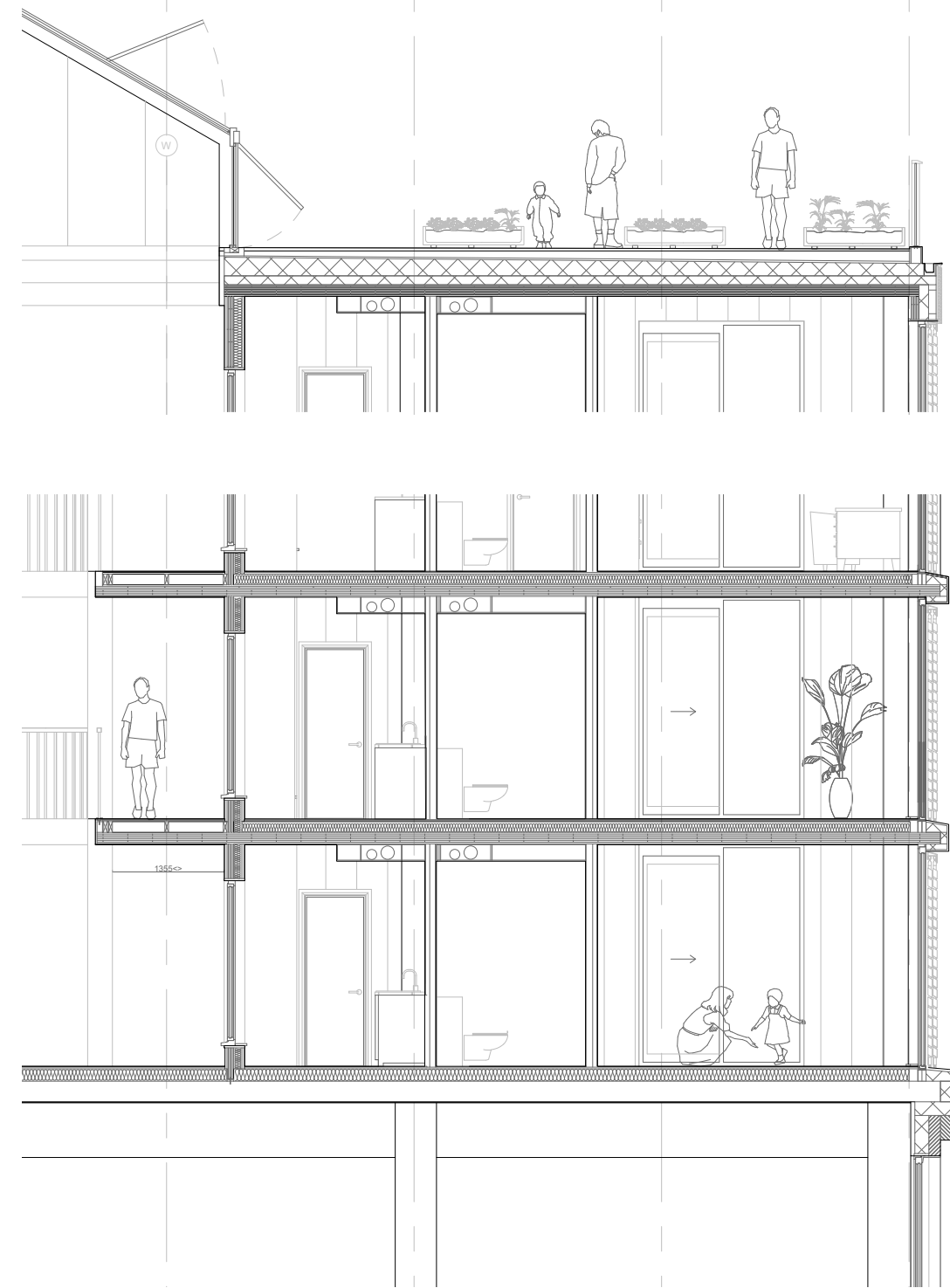
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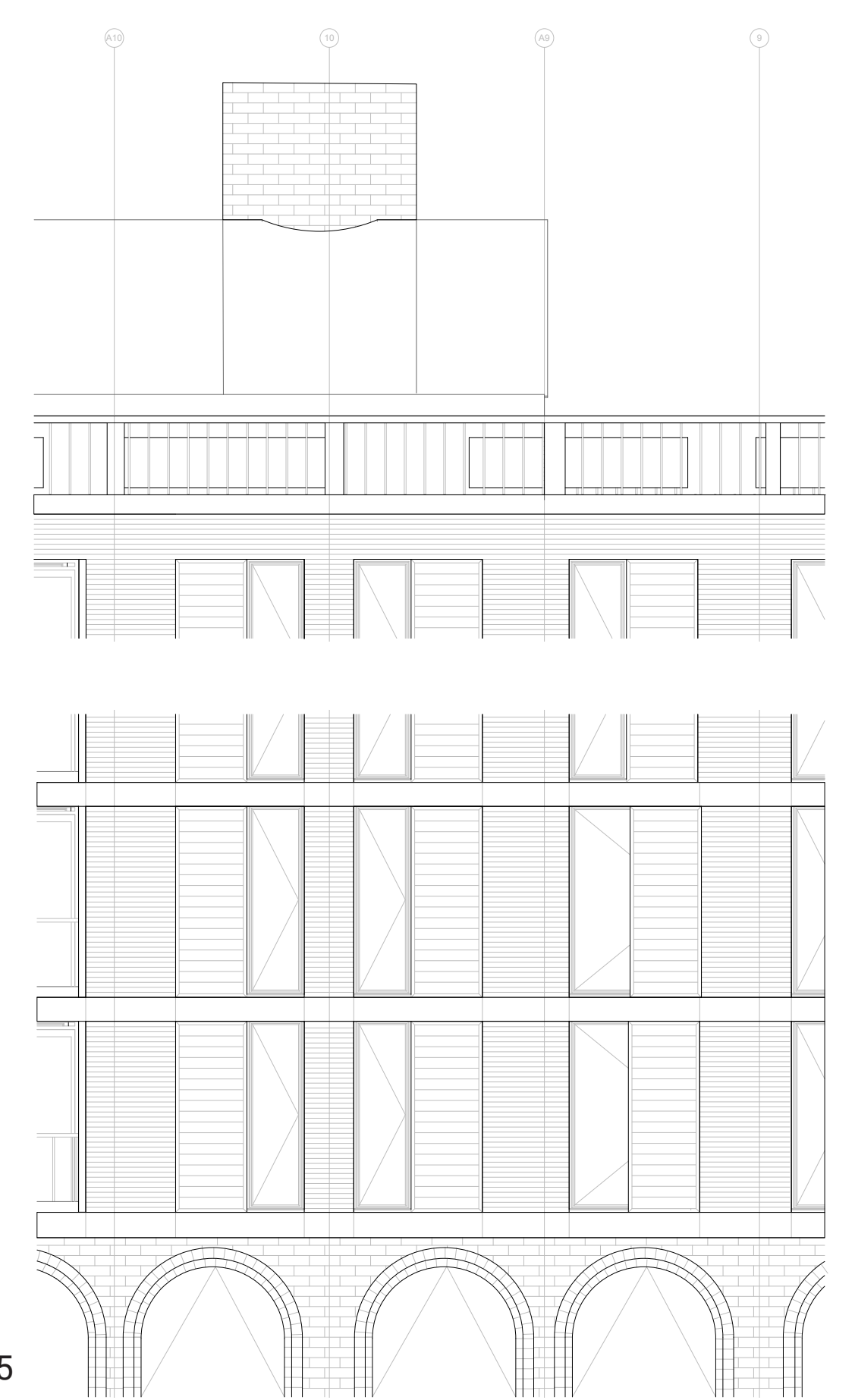
2



3

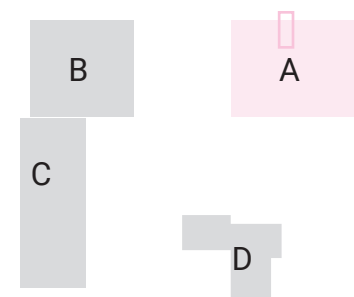


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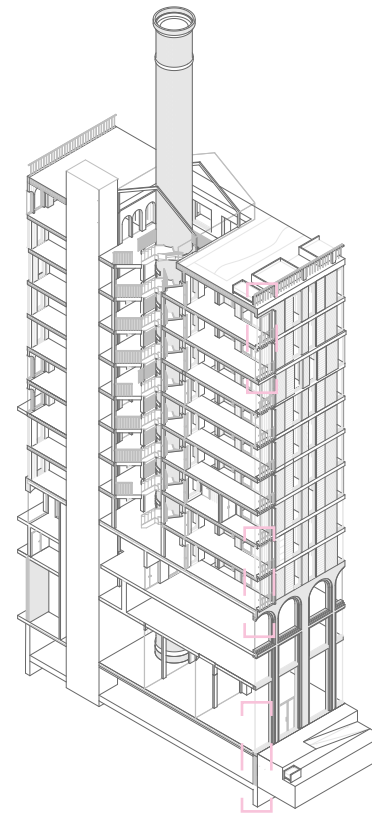


5

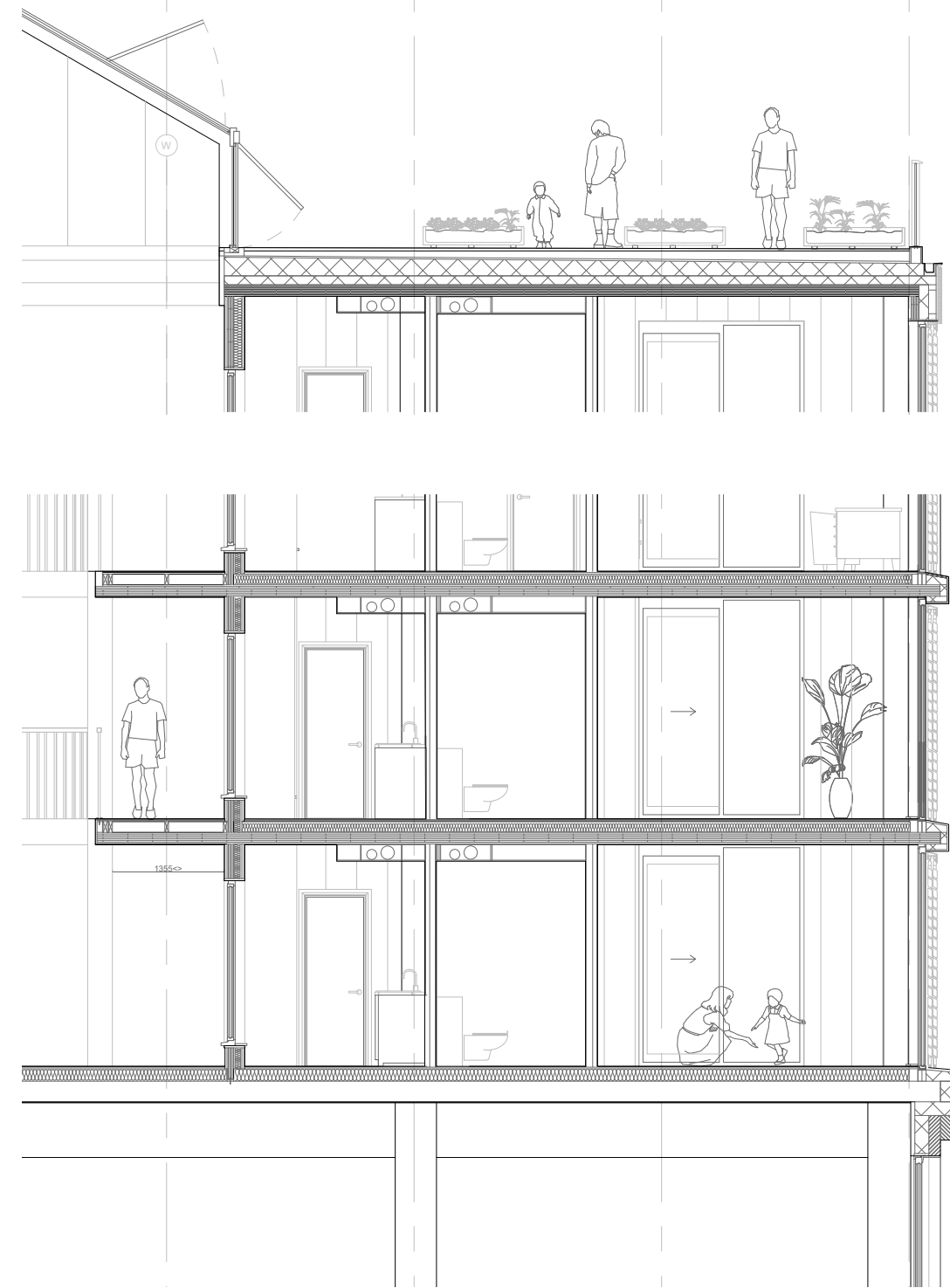
- 1. 1:20 Internal Elevation
- 2. 1:20 Typical Floor Plan Fragment
- 3. 1:20 Ground Floor Plan Fragment
- 4. 1:20 Fragment Section
- 5. 1:20 Elevation Fragment



Fragment



1

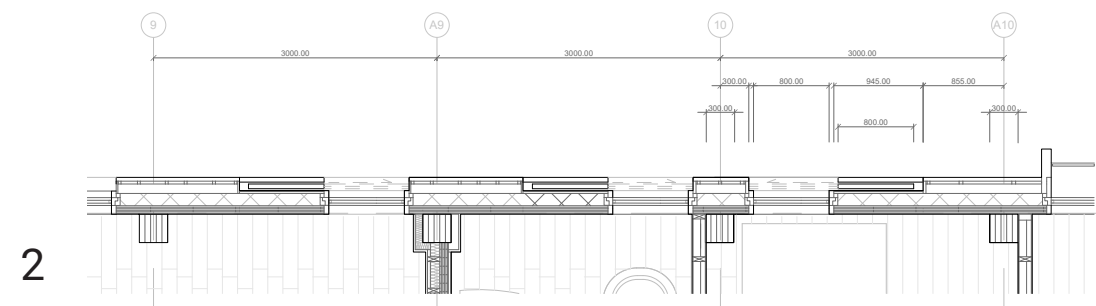


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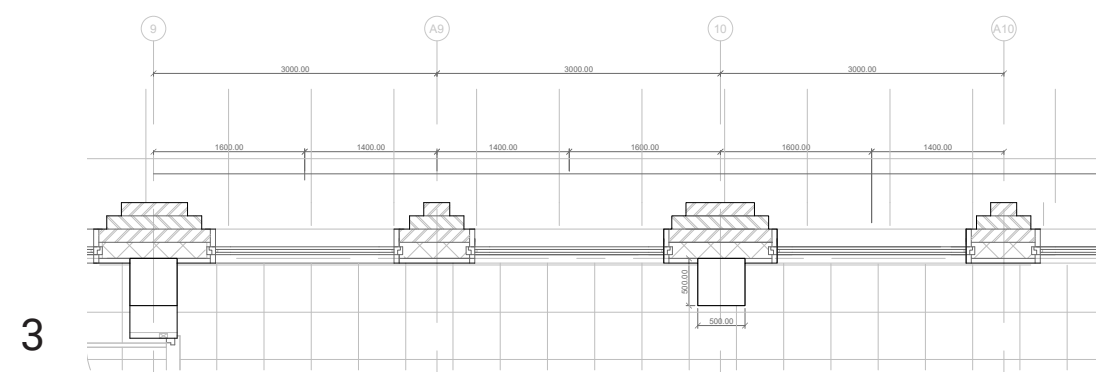


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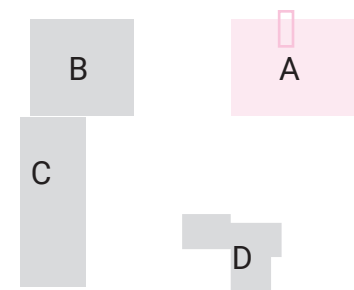
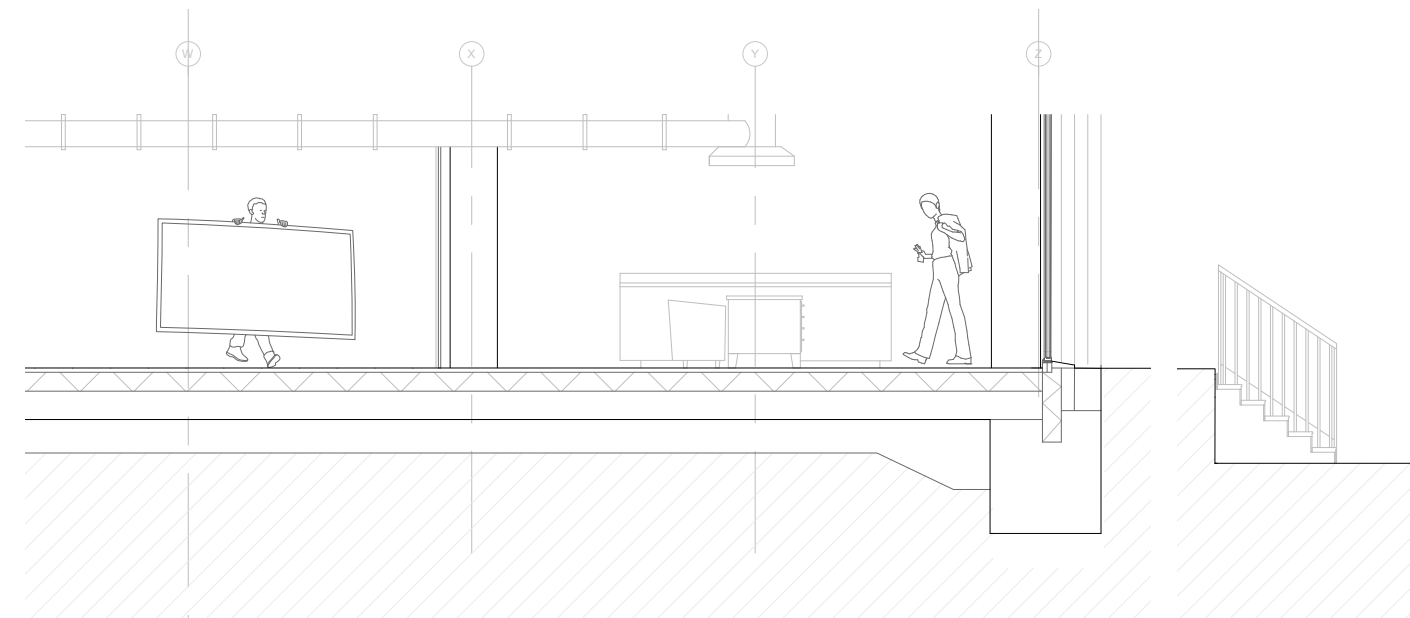
- 1. 1:20 Internal Elevation
- 2. 1:20 Typical Floor Plan Fragment
- 3. 1:20 Ground Floor Plan Fragment
- 4. 1:20 Fragment Section
- 5. 1:20 Elevation Fragment



2

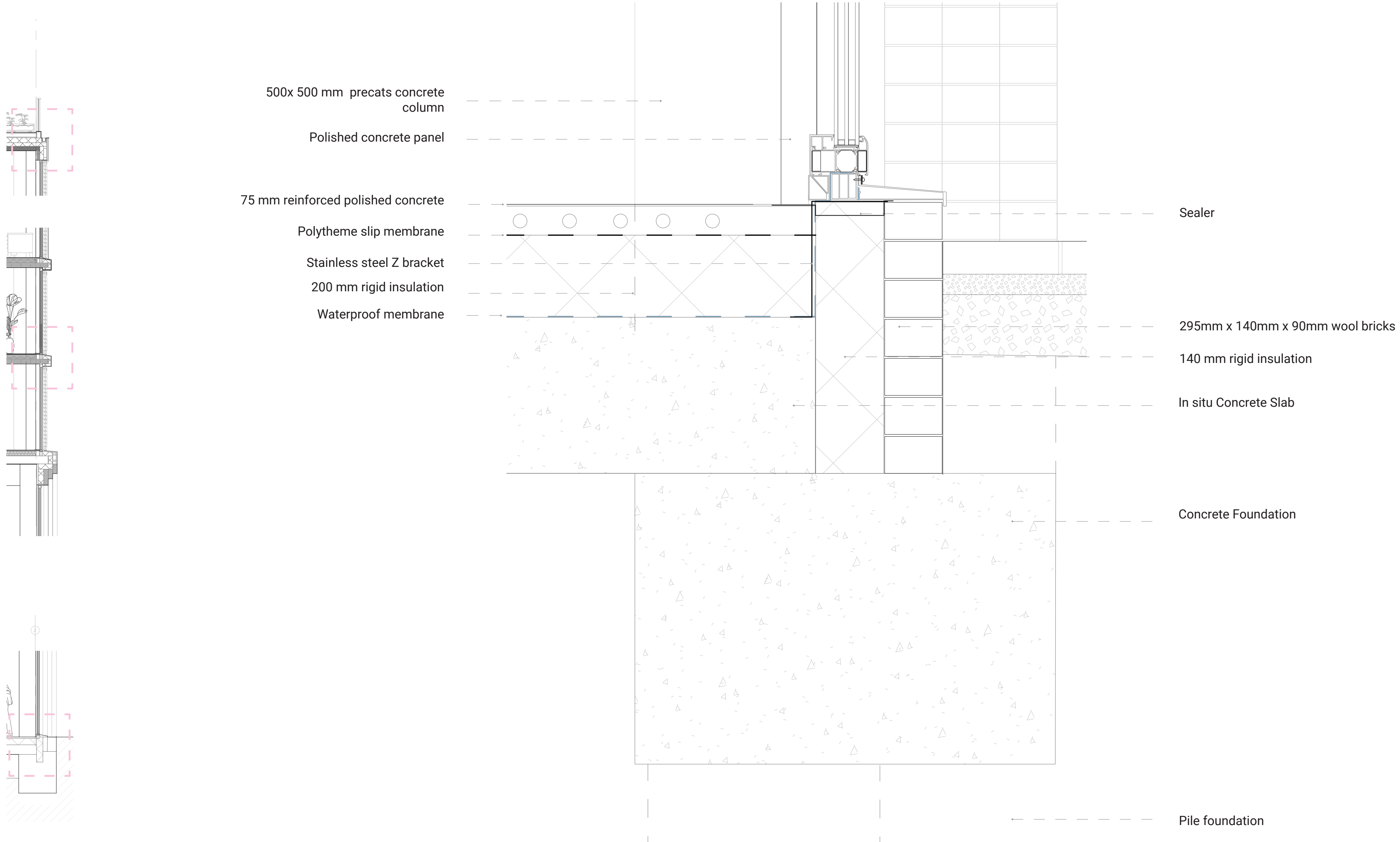


3



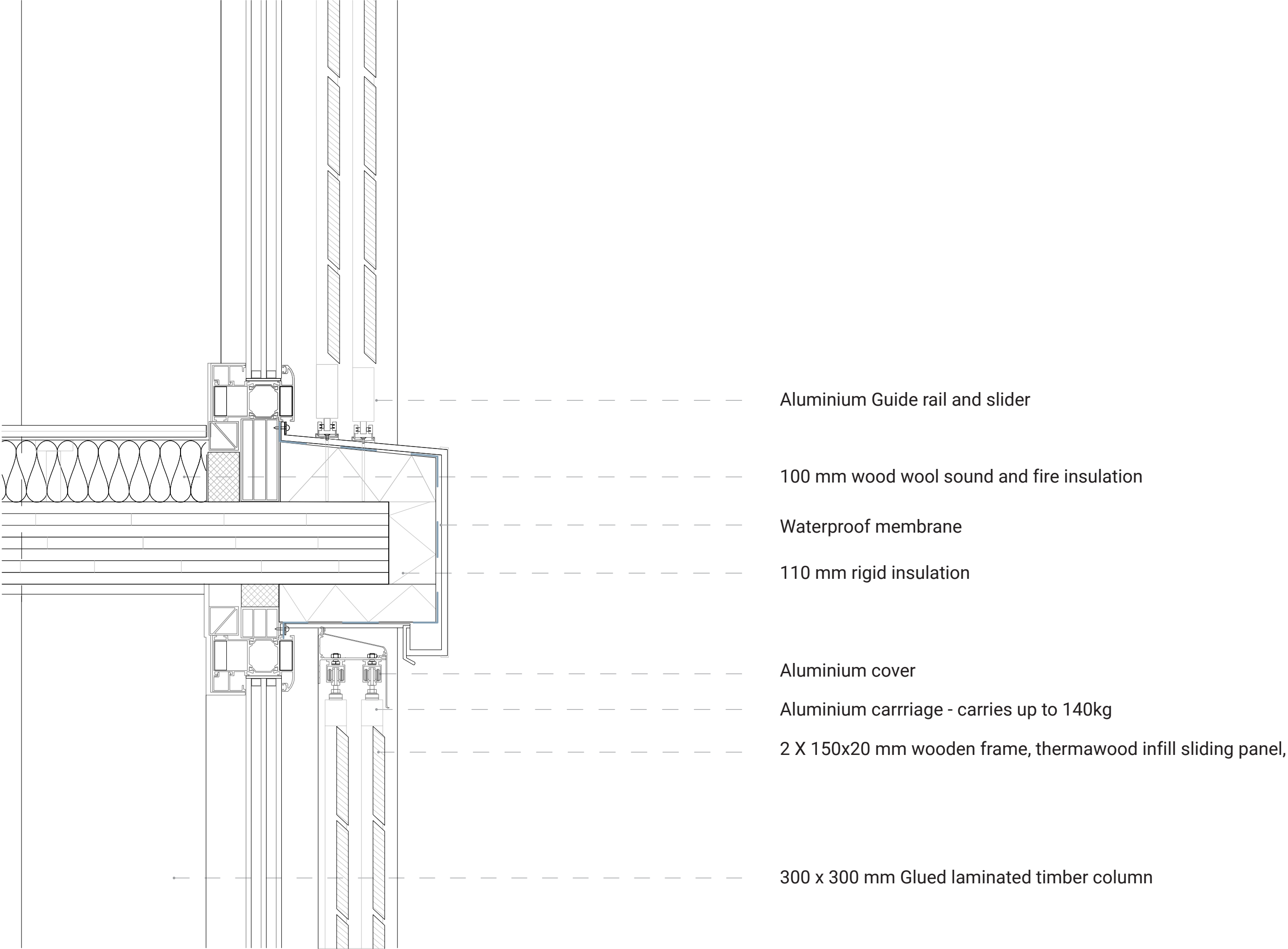
Details

1:5 Ground Floor



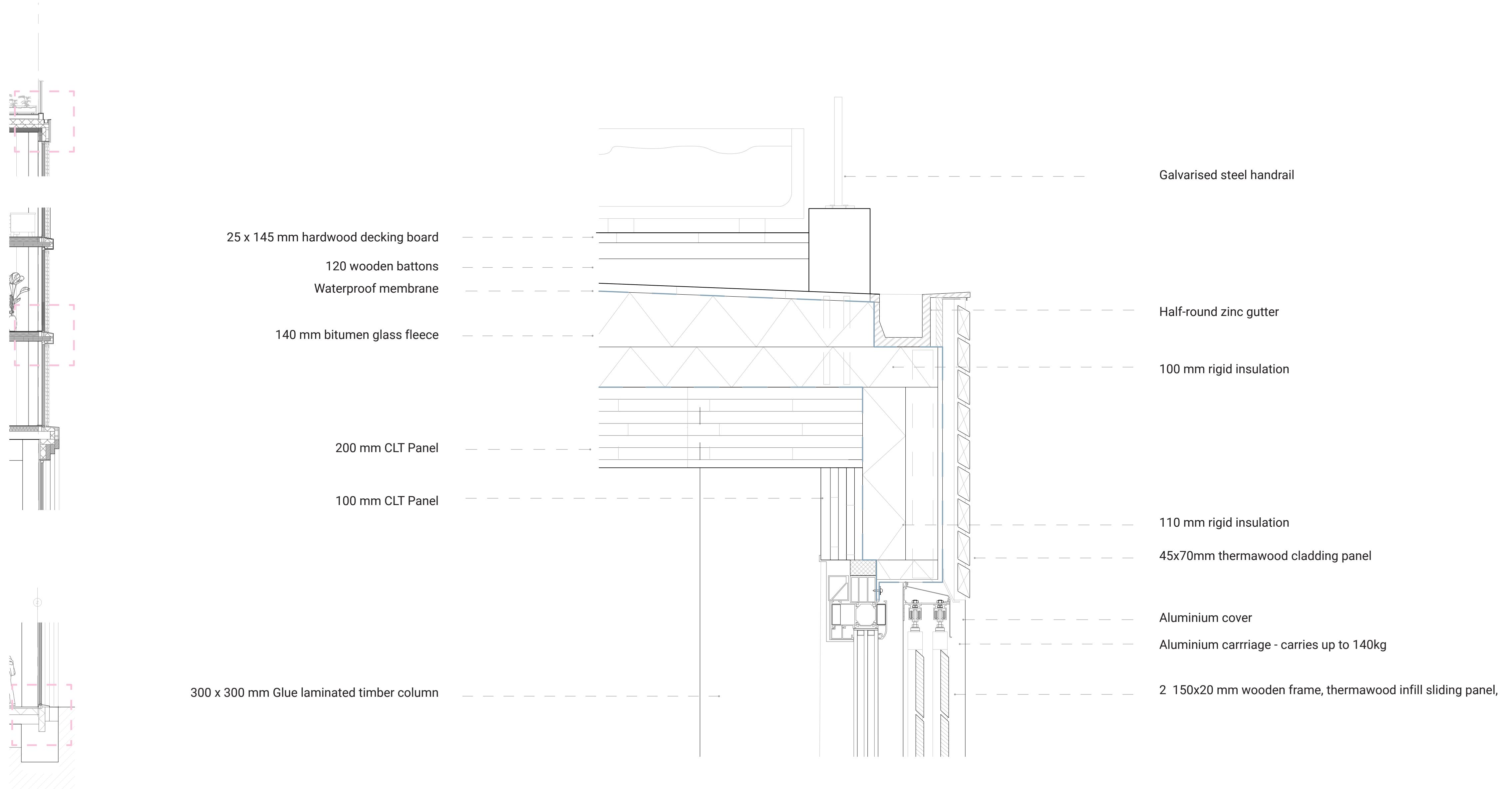
Details

1:5 Typical

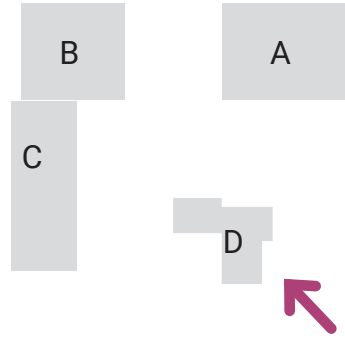


Details

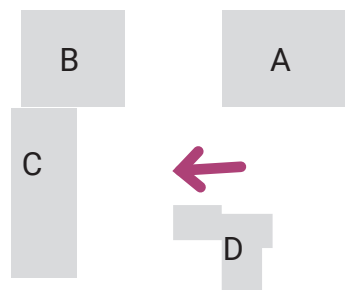
1:5 Roof



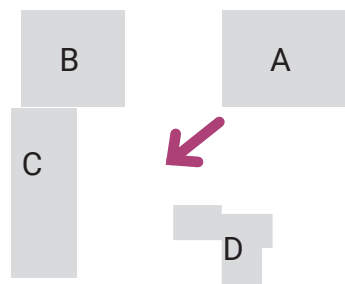
Urban stairway



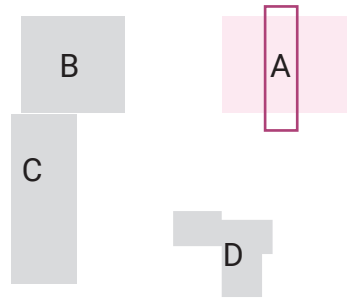
Urban garden



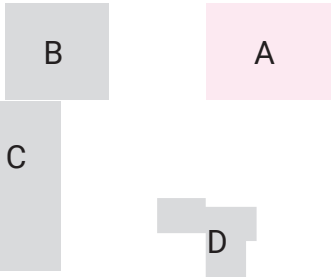
Core D



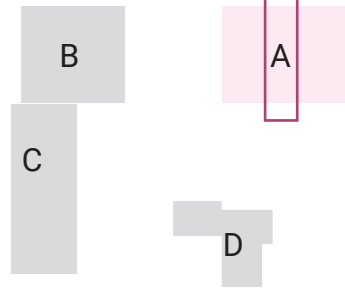
Theatre



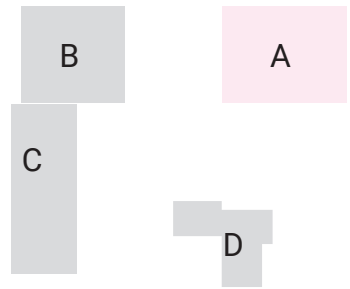
Theatre



Atrium Core A Level 1



Atrium Core A Level 3



Collective Kitchen



- B
- A
- C
- D



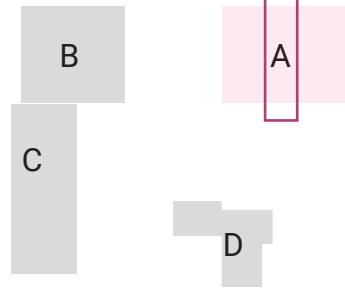
Collective Kitchen



B A
C D

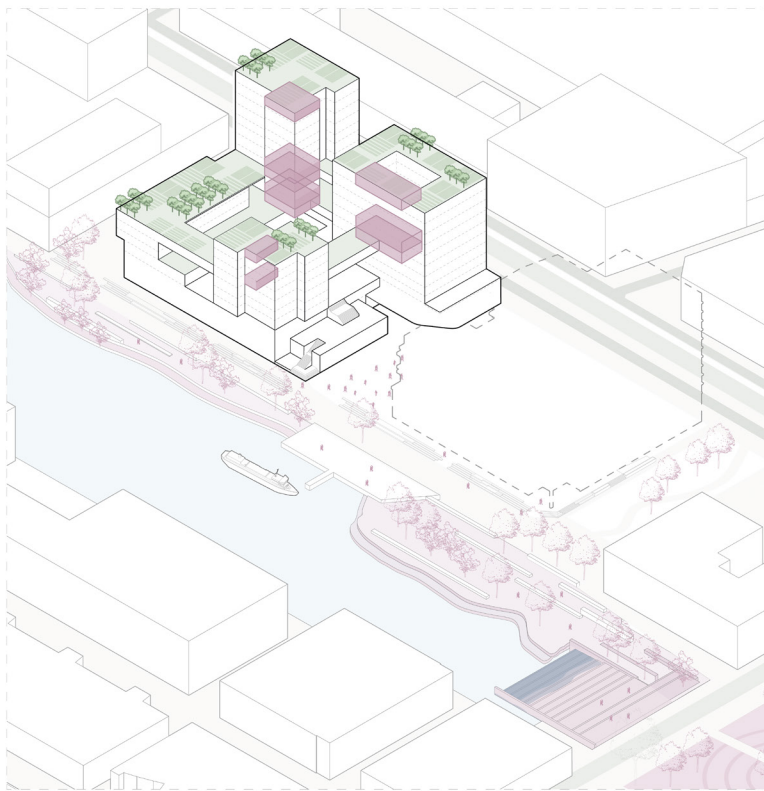


Atrium Core A Level 9

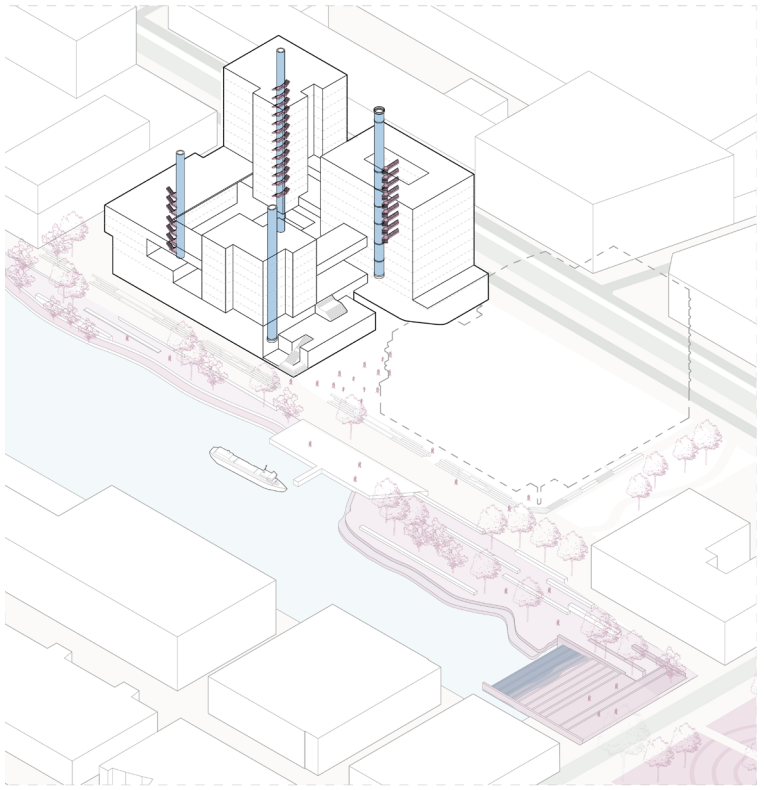
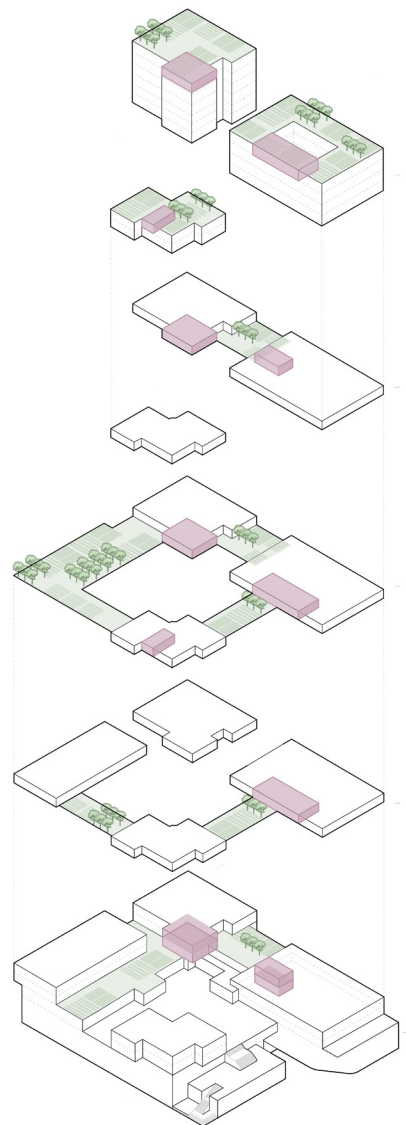


CONCLUSIONS

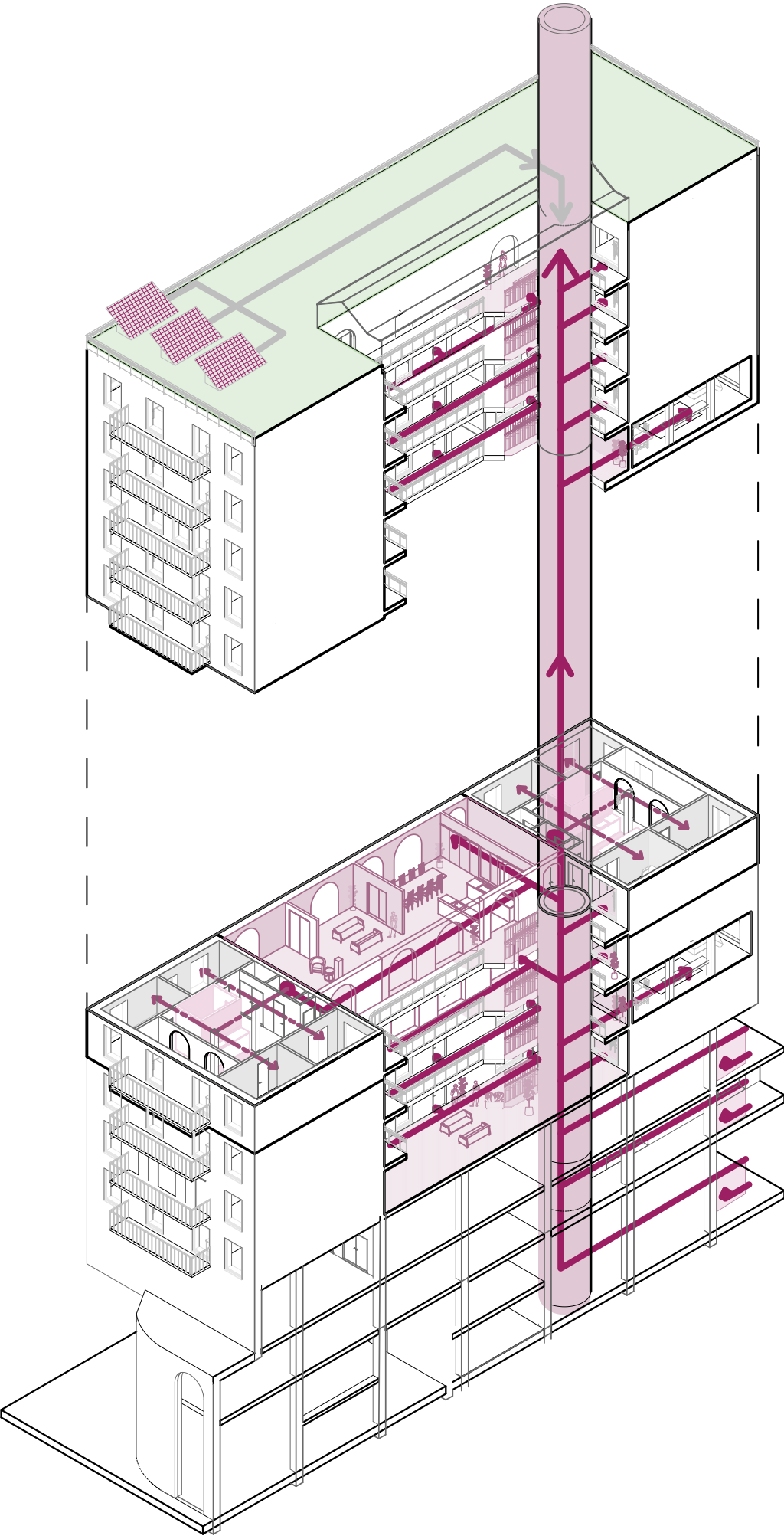
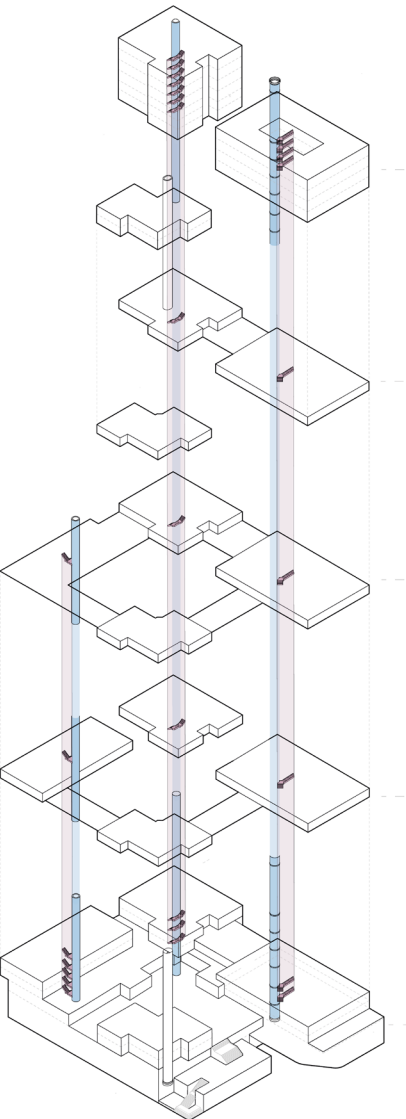
Conclusions



Community making



Community making and affordability



Programmatic Synergy



Community making

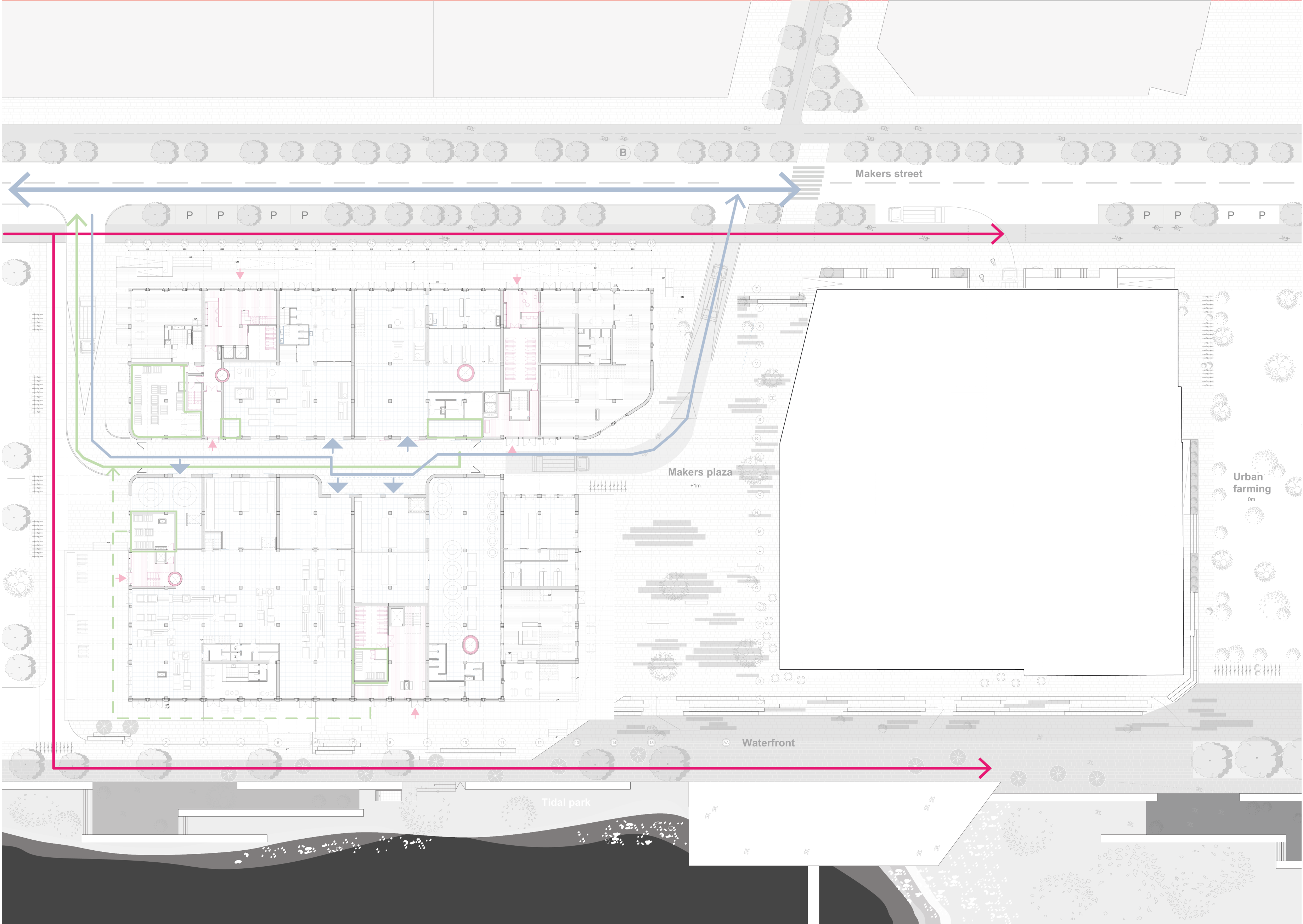


Community making



Annex:

ACCESS DIAGRAM



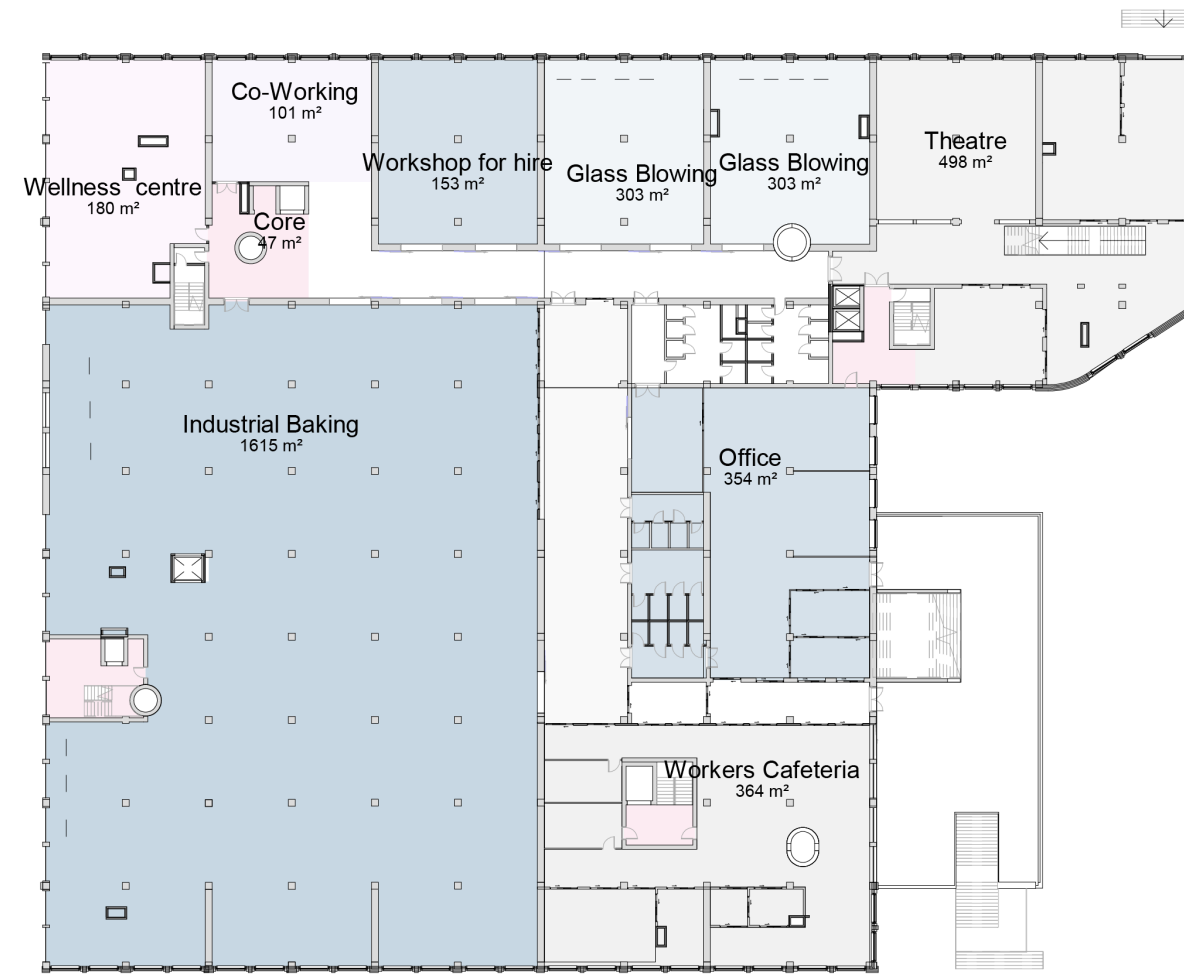
- Trash disposal route
- Loading bay access route
- Bike path
- Residential core access



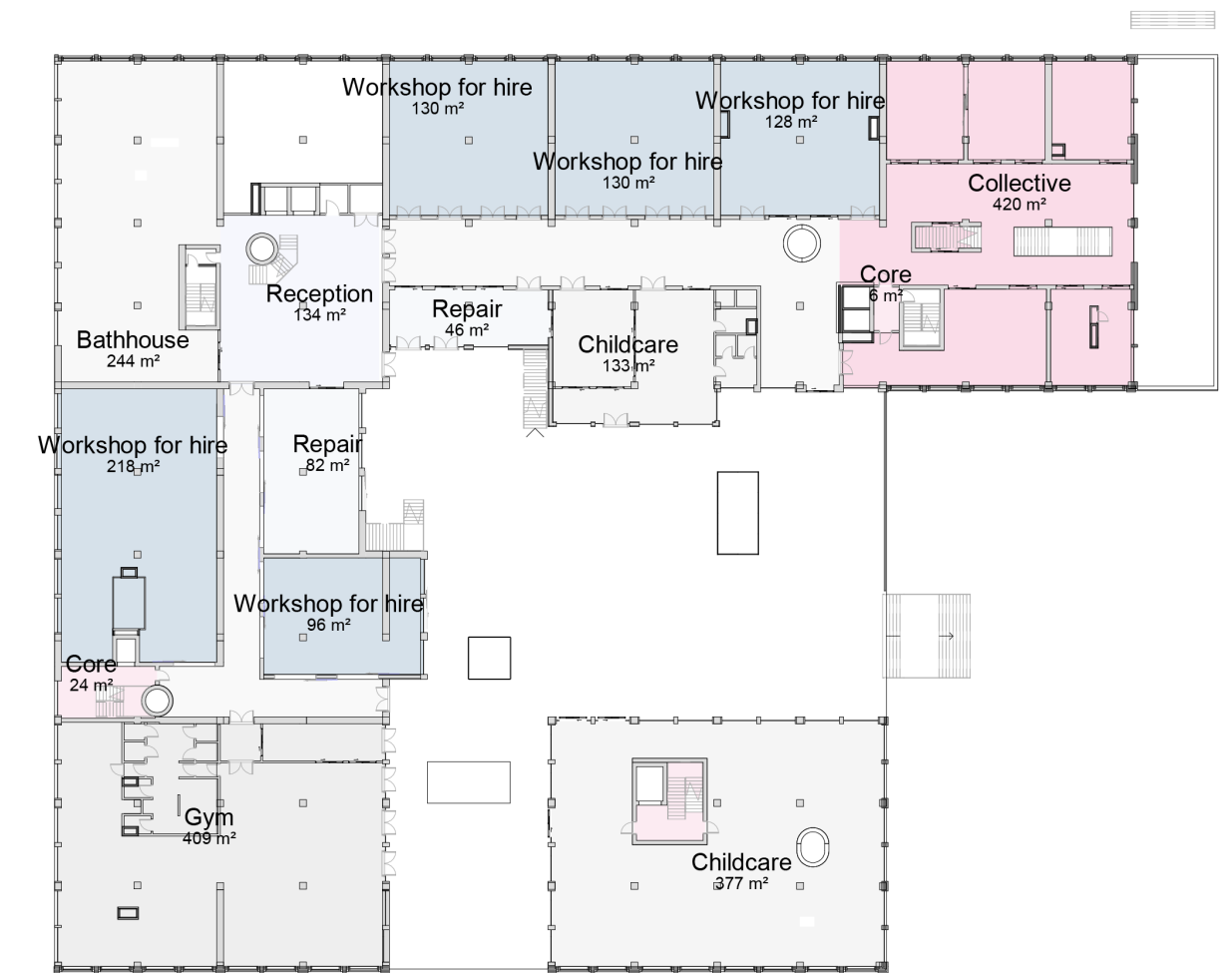
PRODUCTIVE PLINTH



Ground Floor



Podium

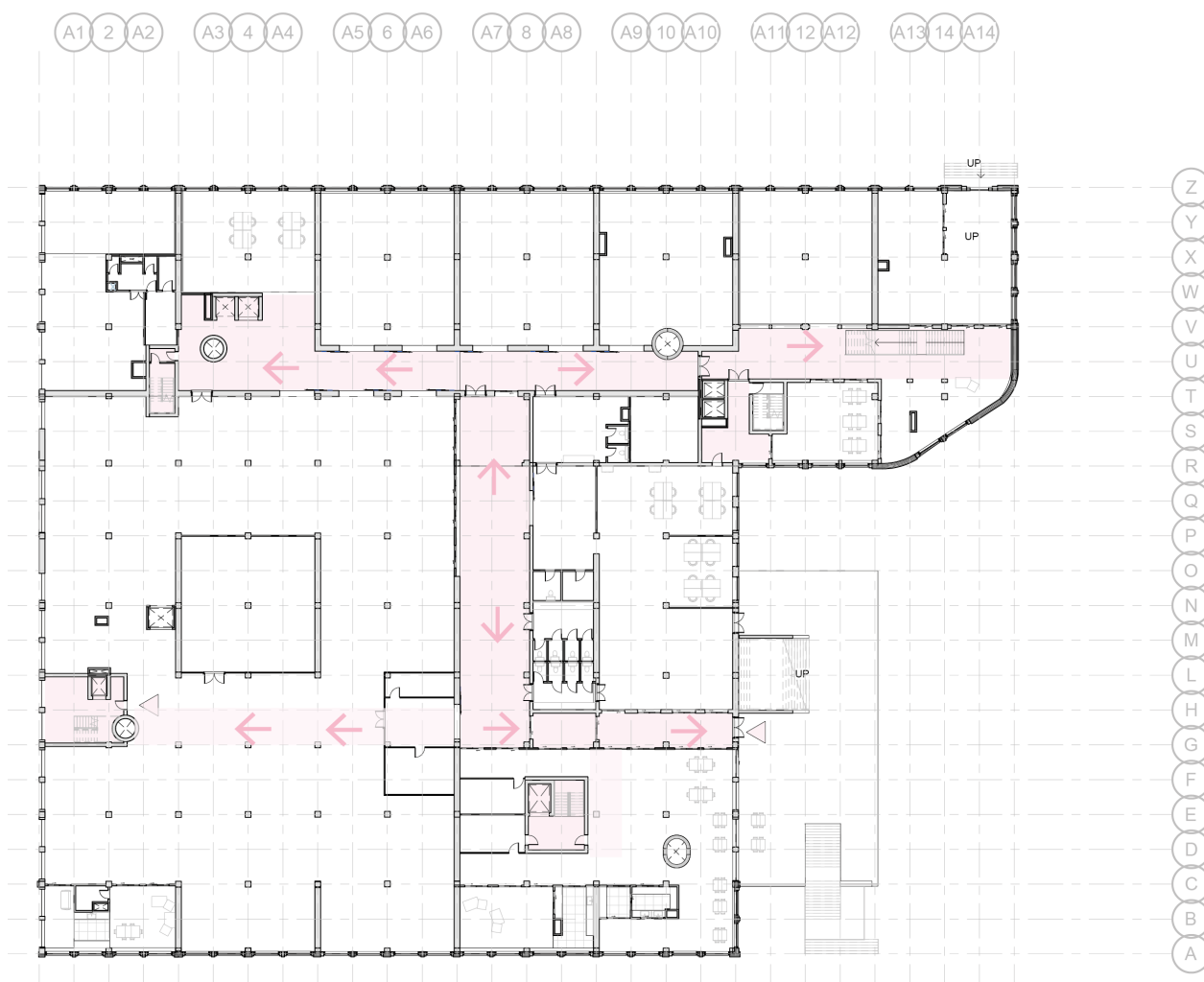


Podium 2

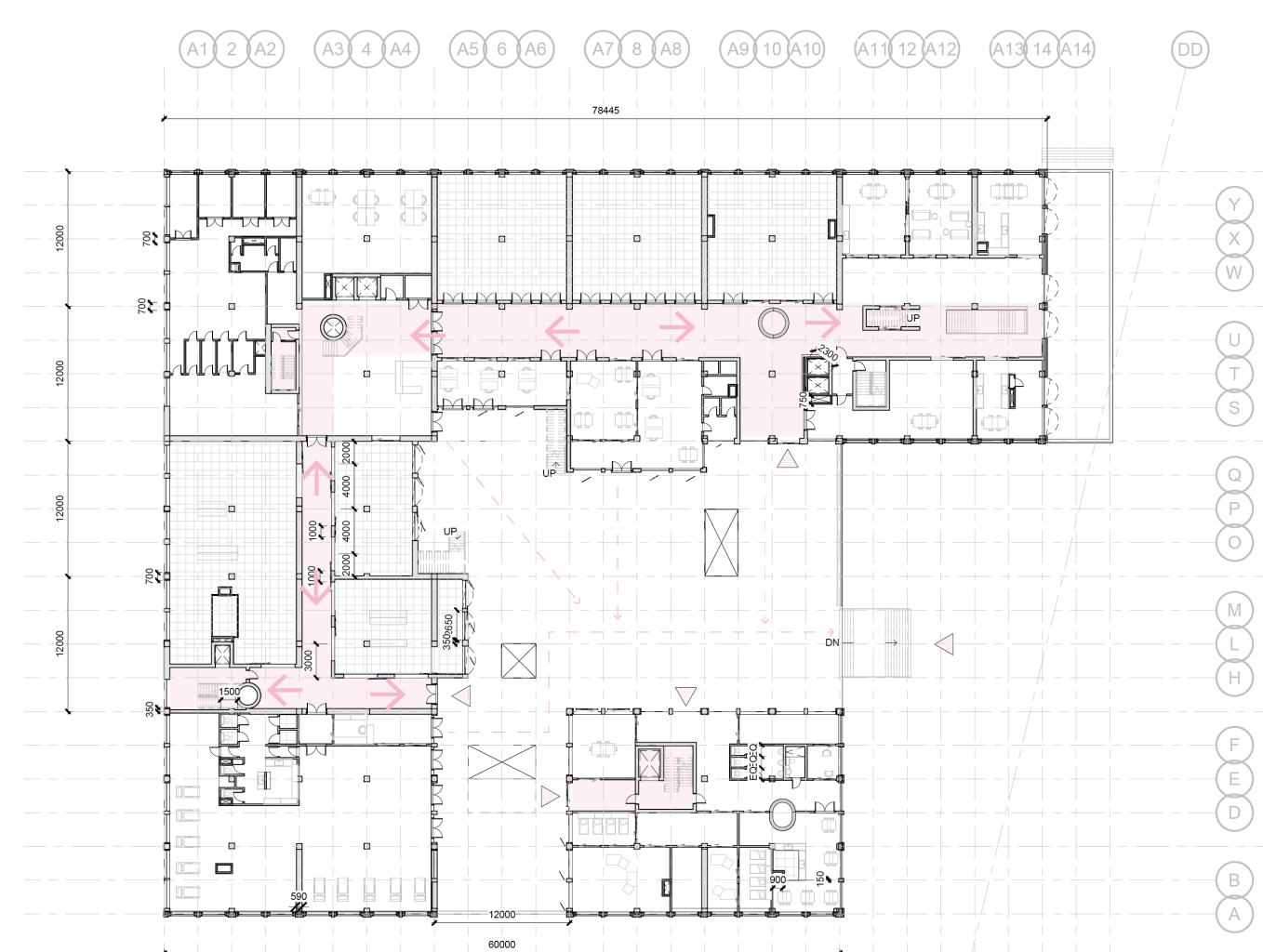
- Industry
- Social Reproduction Clusters



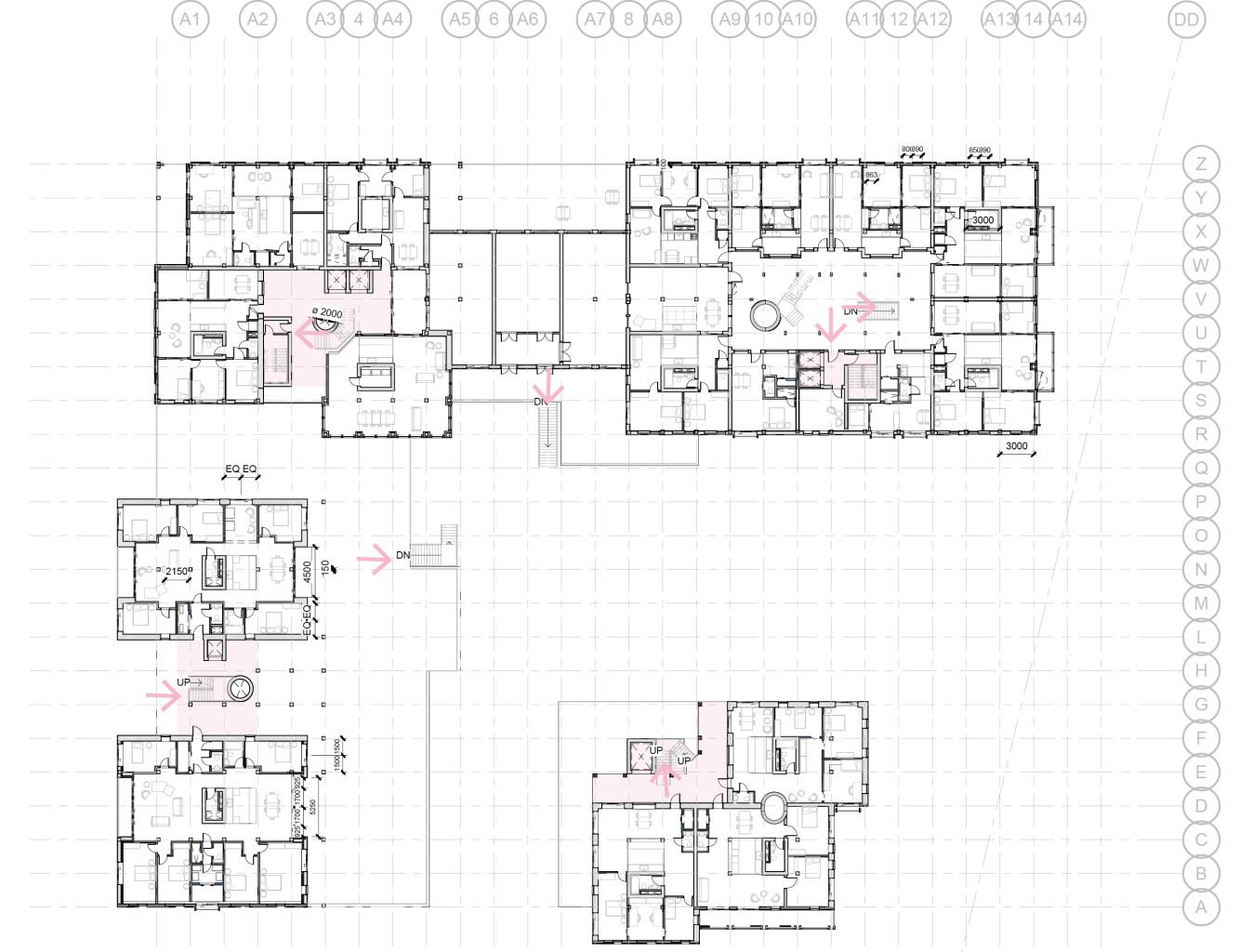
CIRCULATION



Podium



Podium

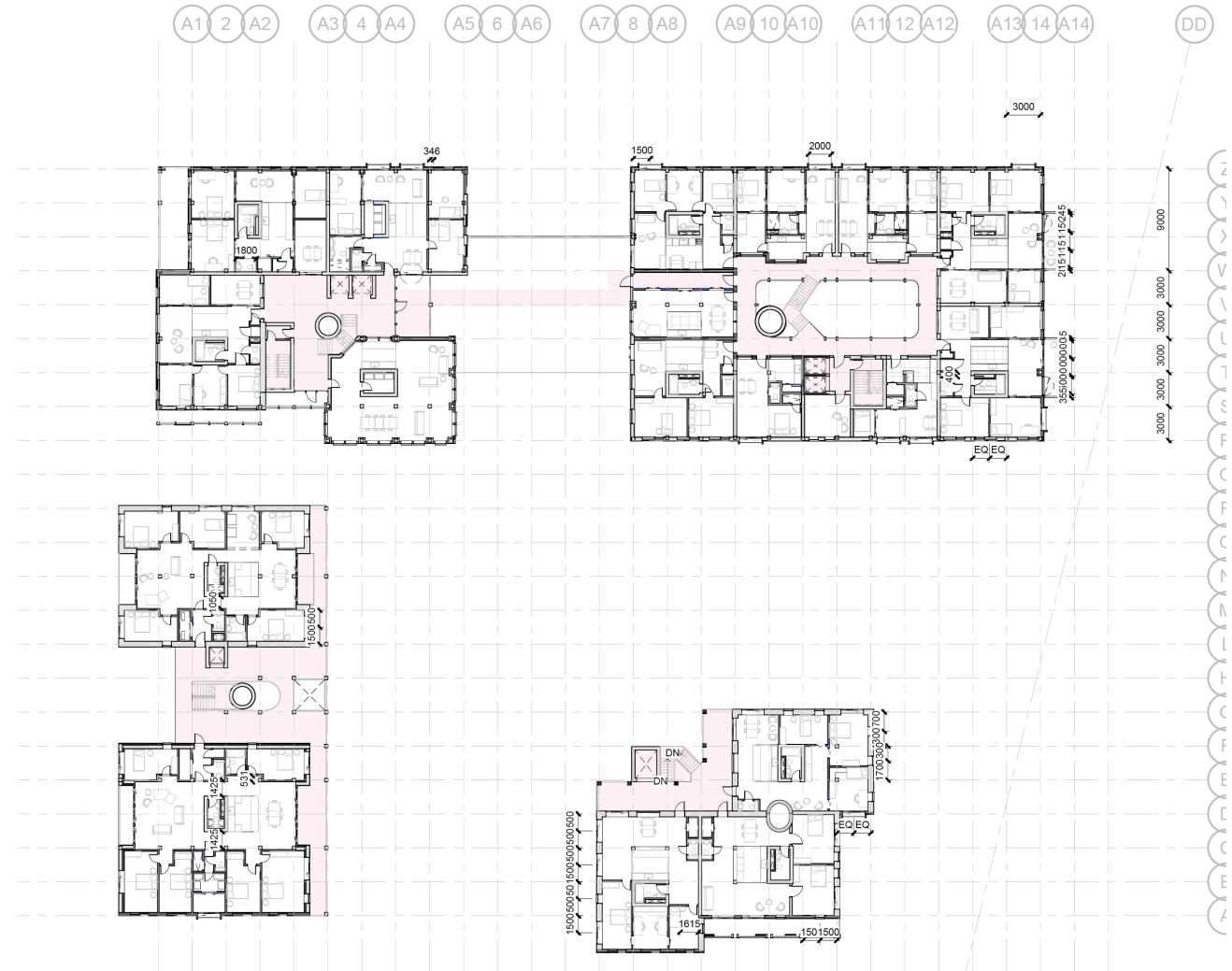


Level 1

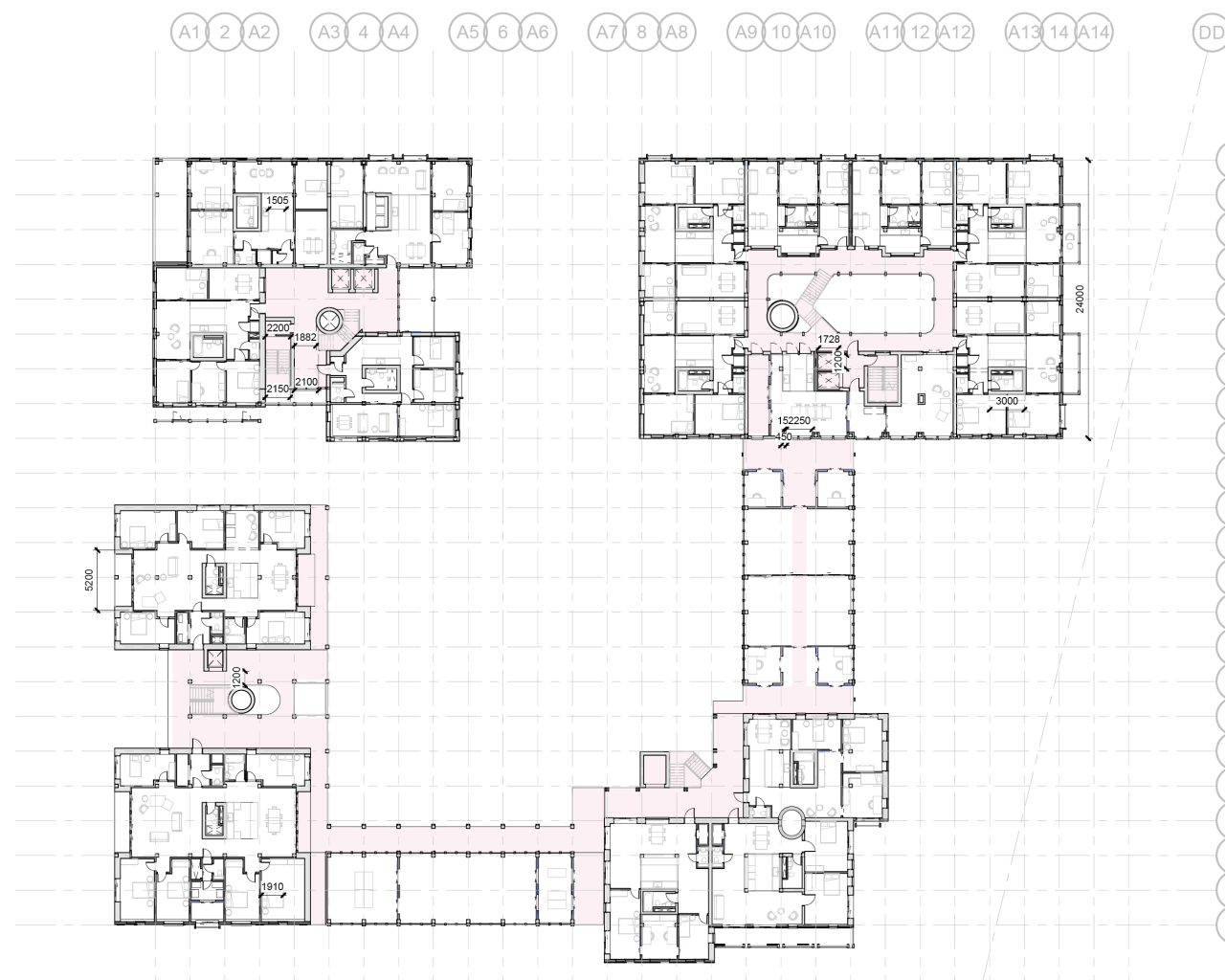


Ground Floor

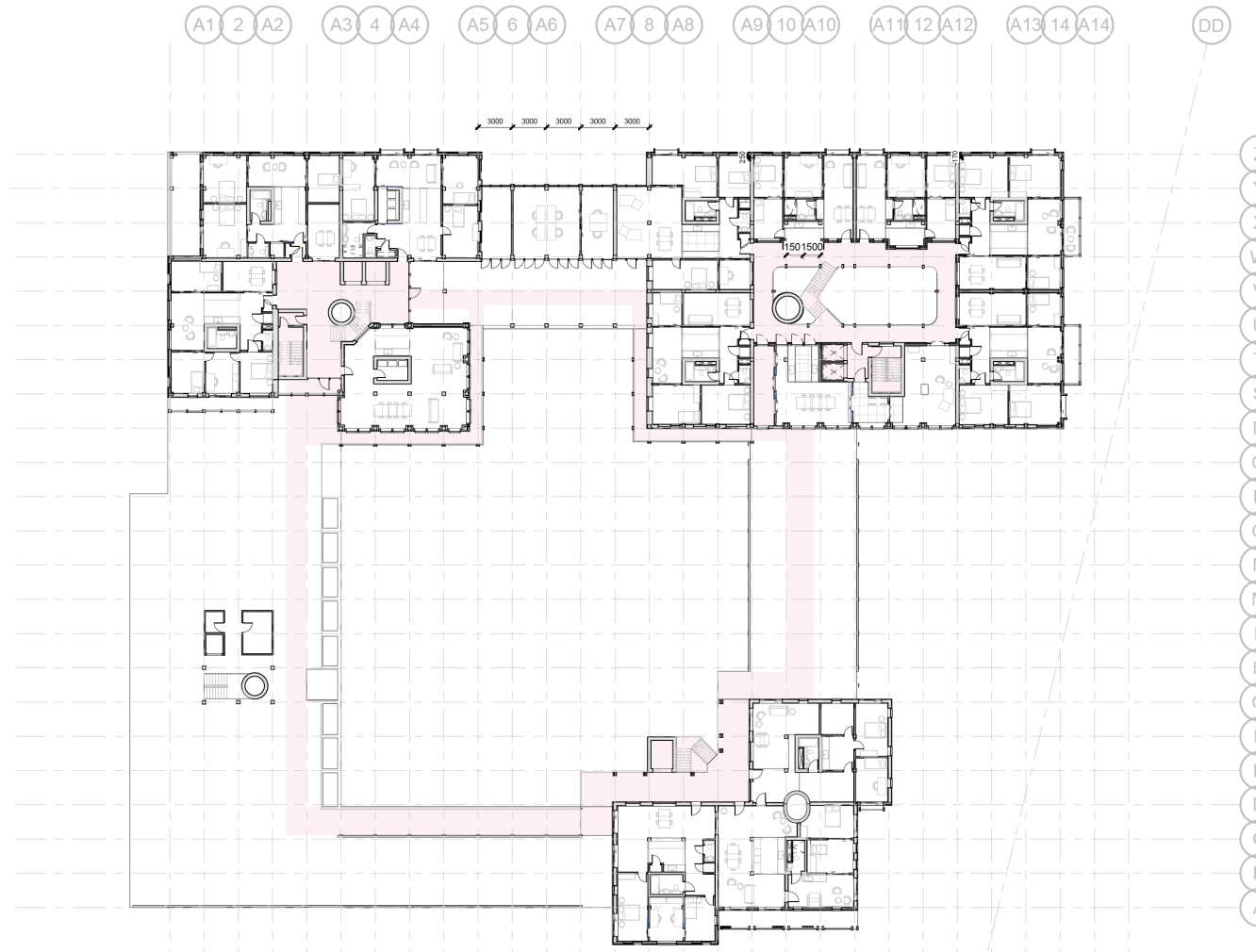
CIRCULATION



Level 2



Level 3



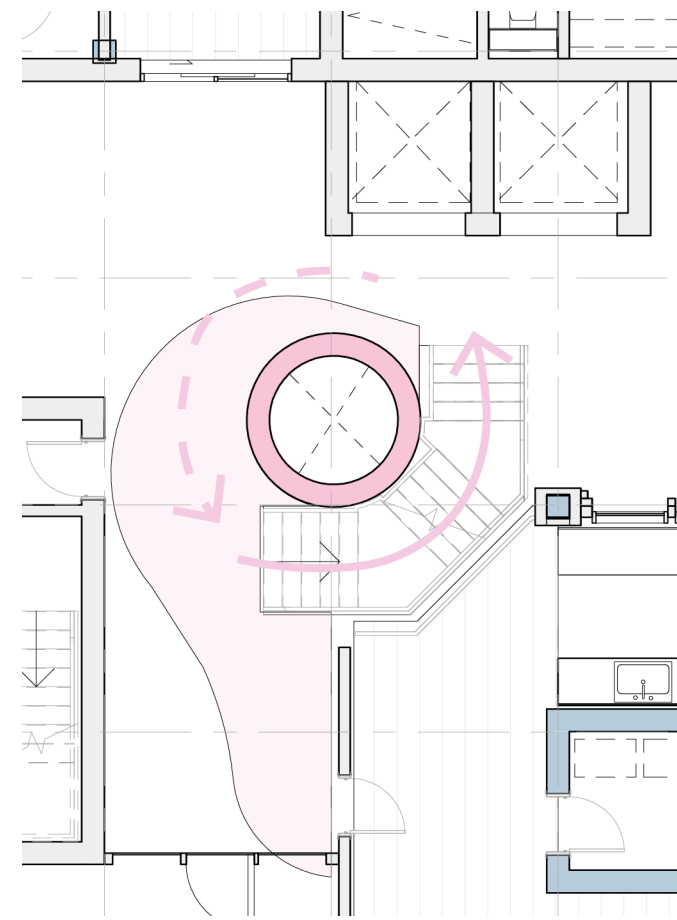
Level 4



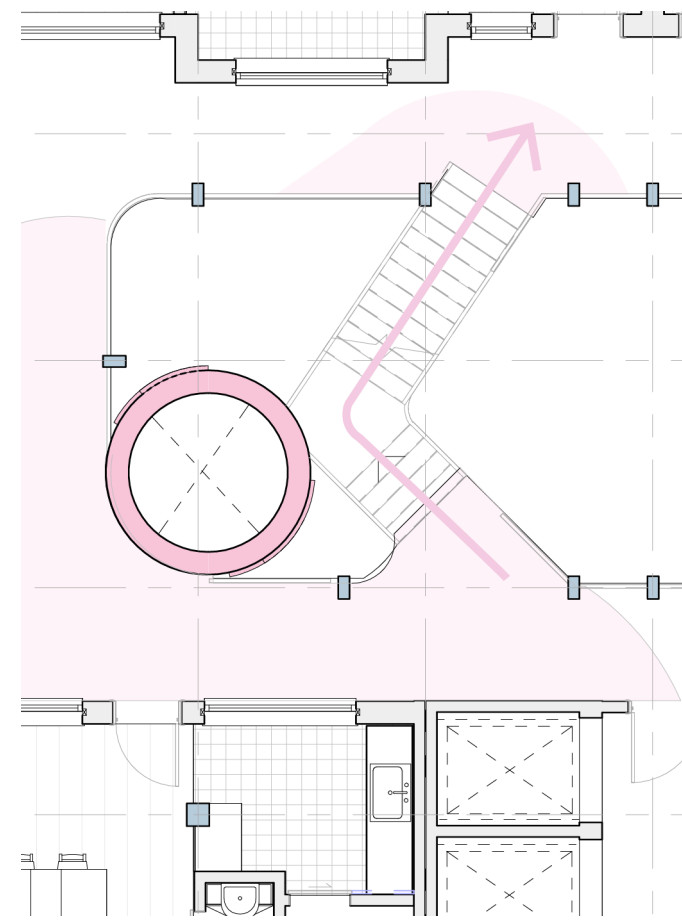
Ground Floor

Circulation

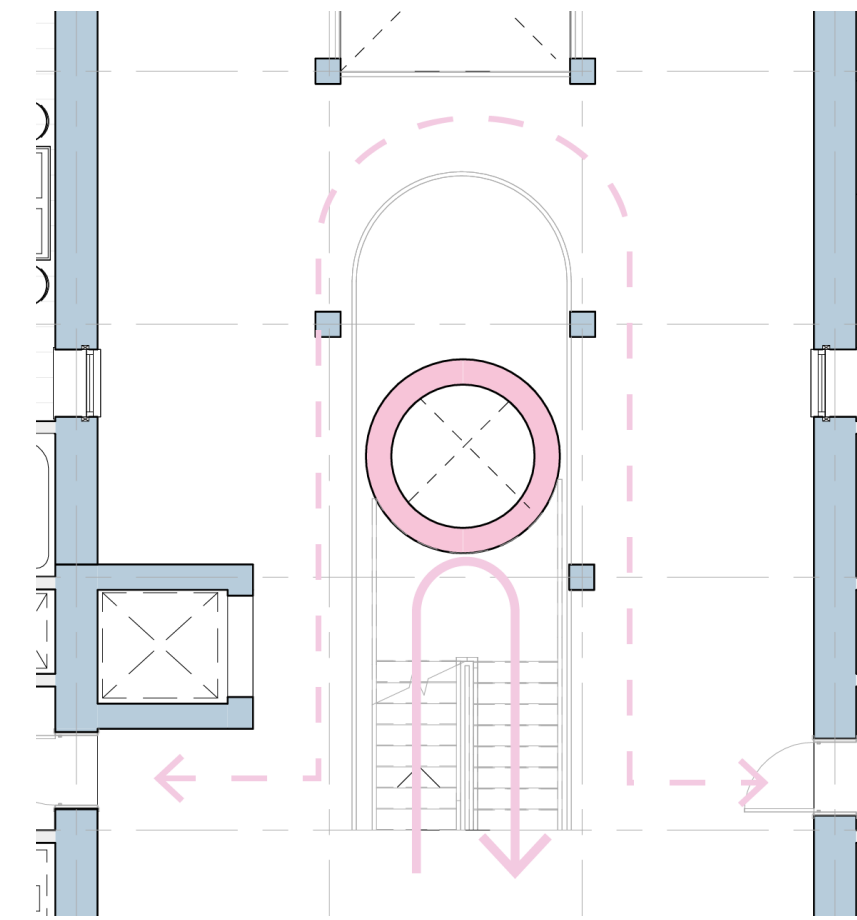
Combining the dwelling circulation with the production infrastructure



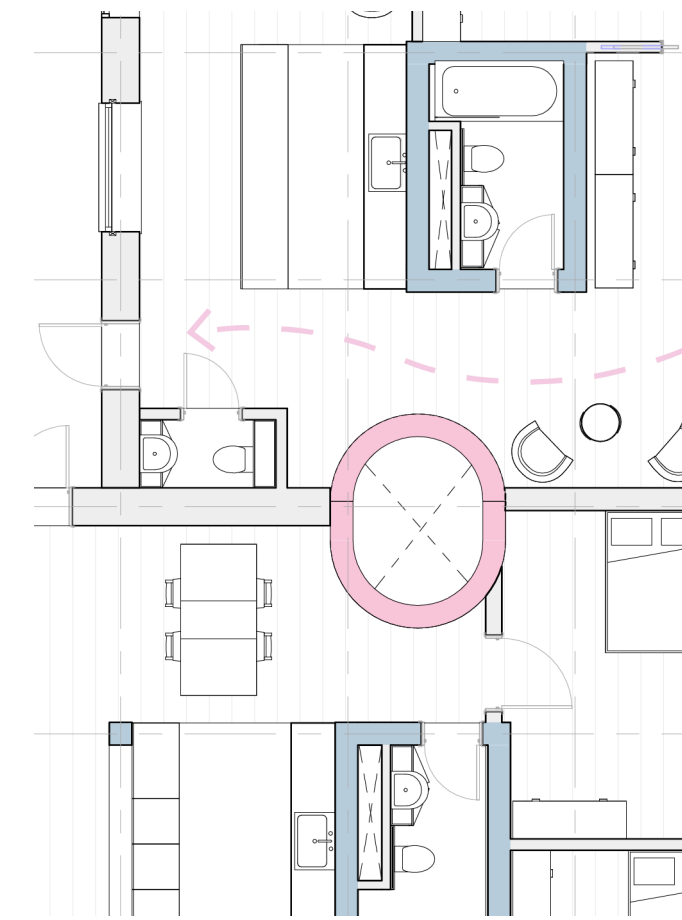
Core B



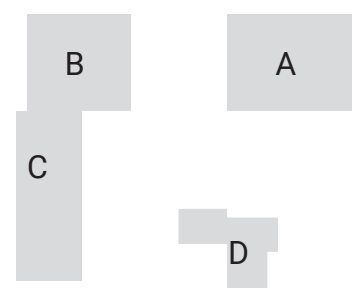
Core A



Core C



Core D



CULTIVATION BRIDGE DESIGN

