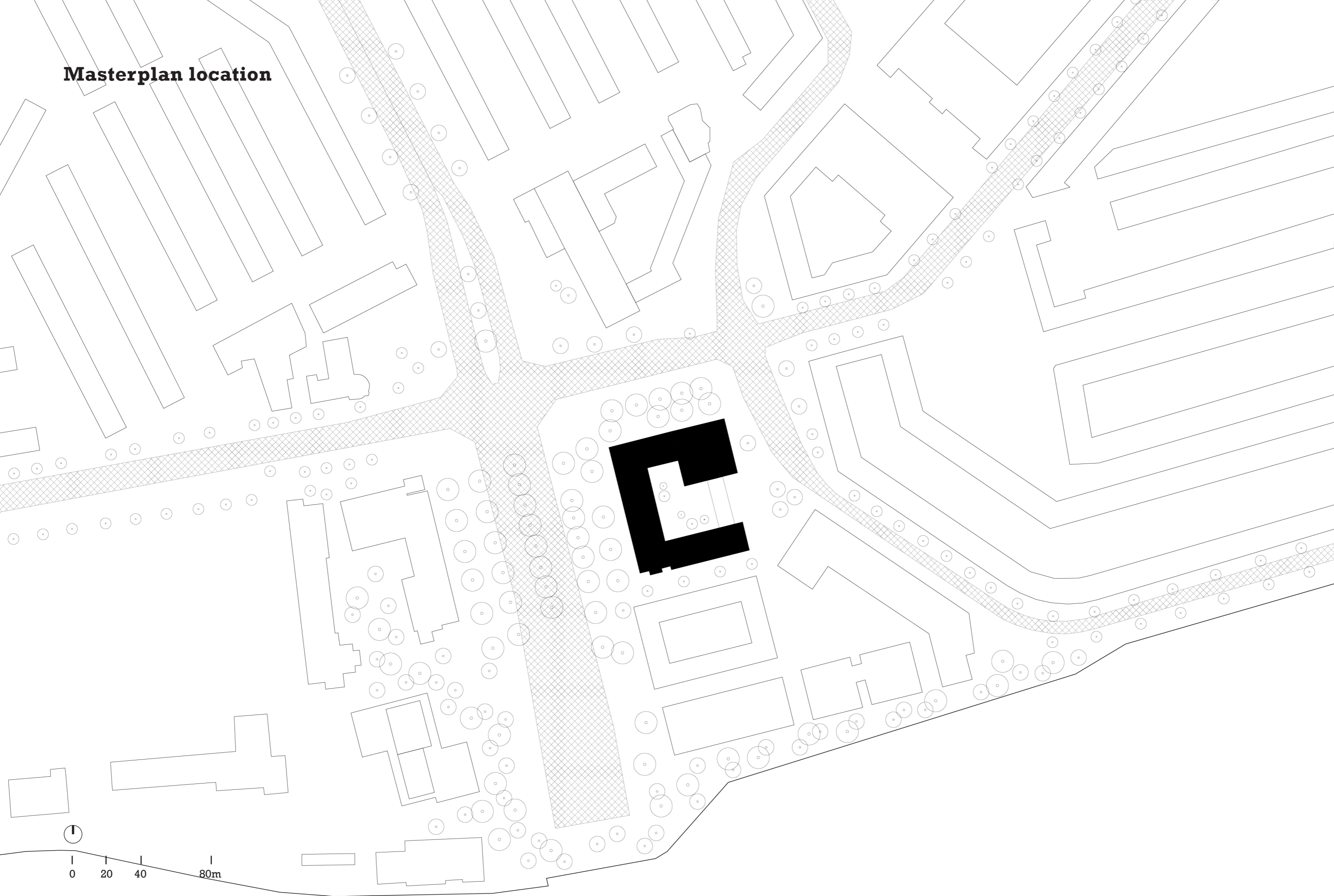


# More time for care



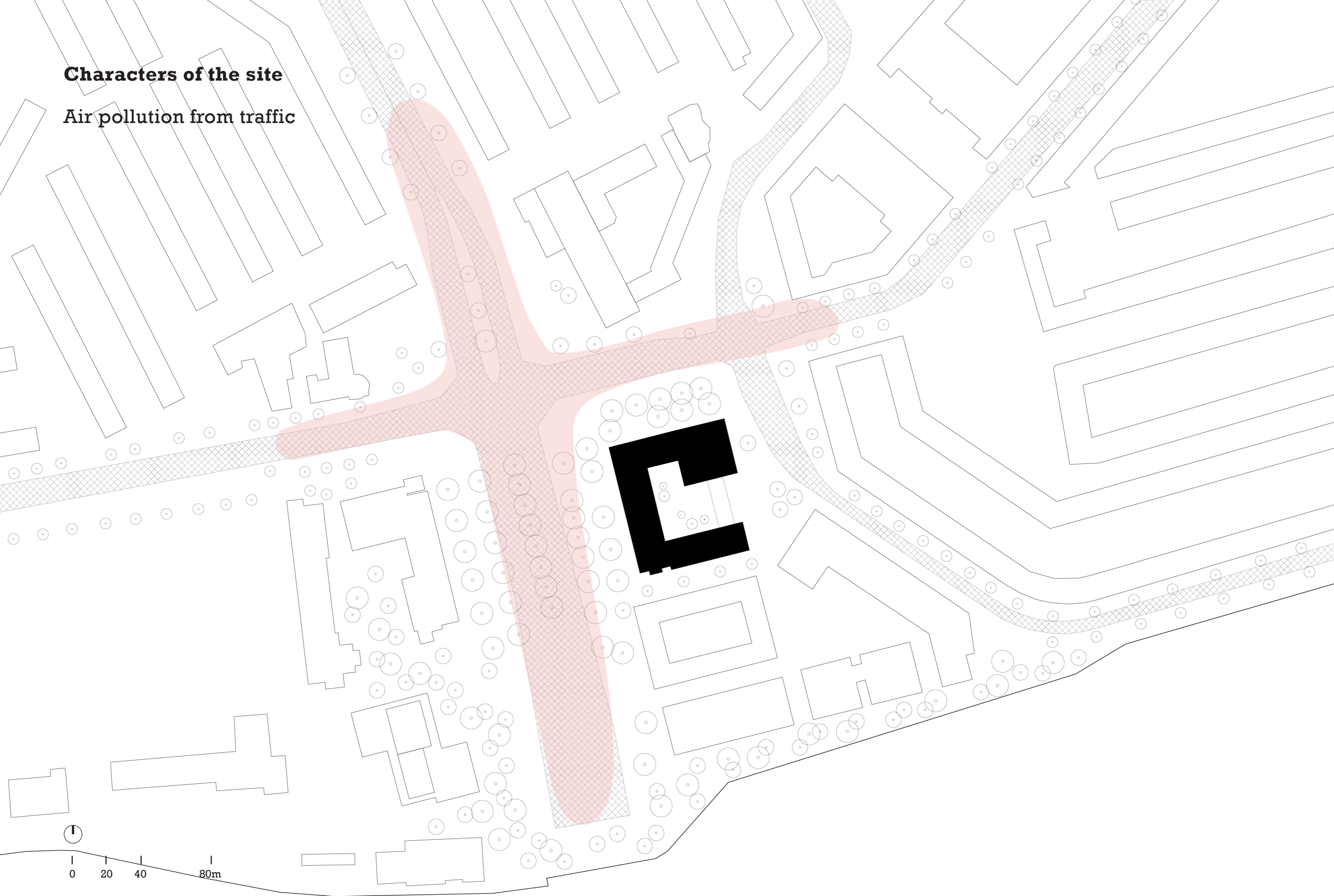
**Masterplan location**



0 20 40 80m

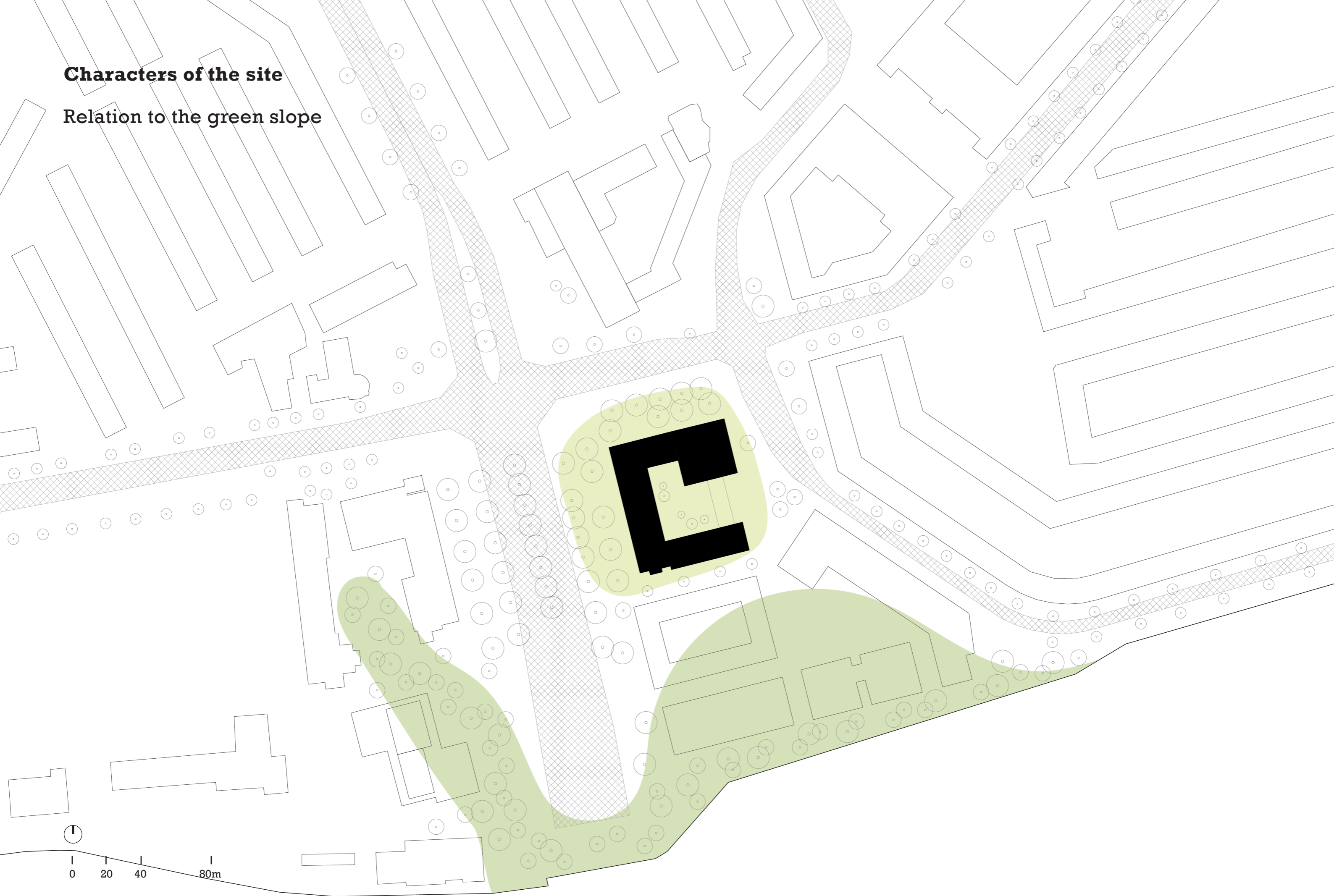
**Characters of the site**

**Air pollution from traffic**



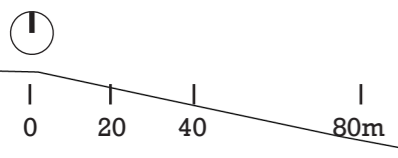
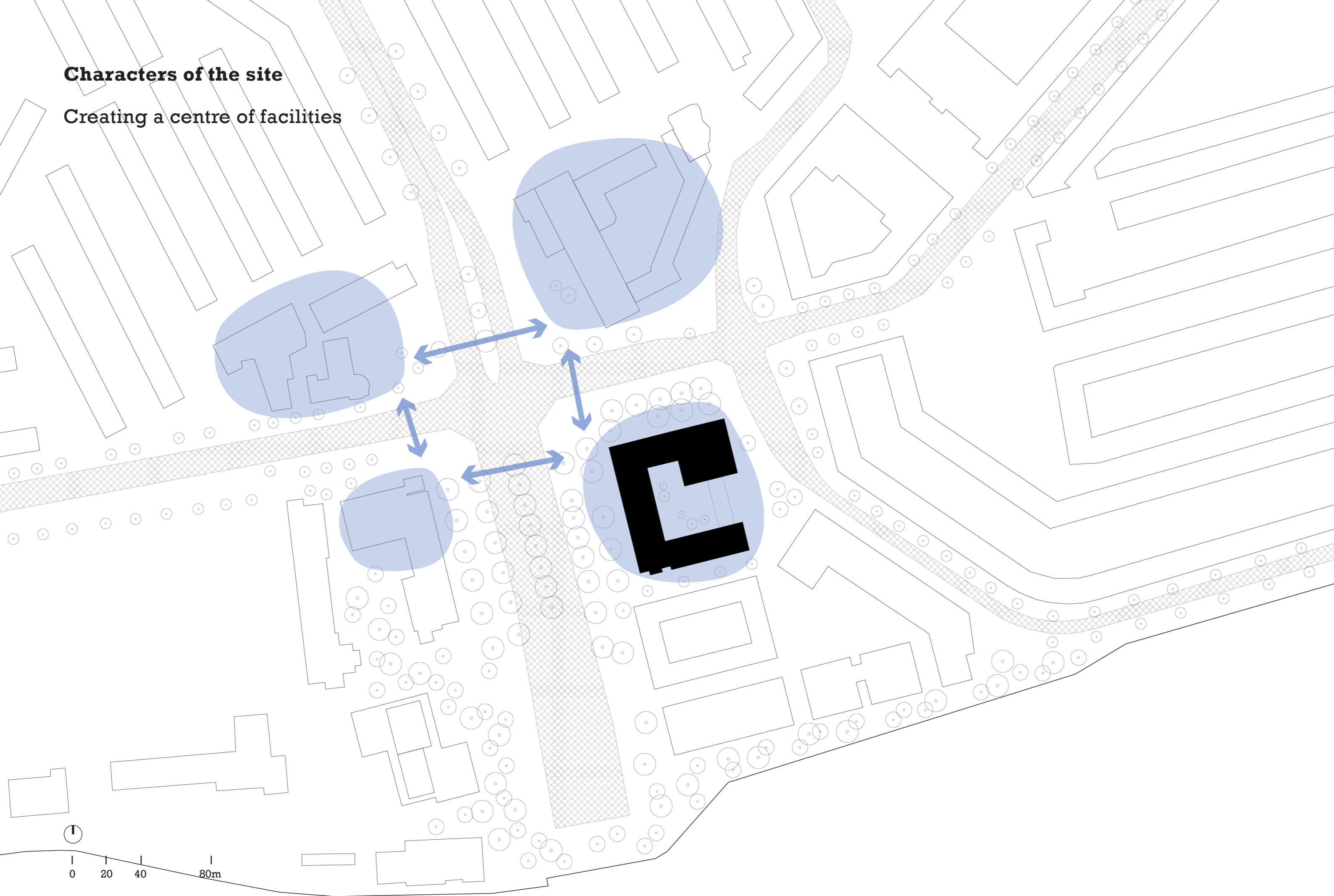
# Characters of the site

## Relation to the green slope

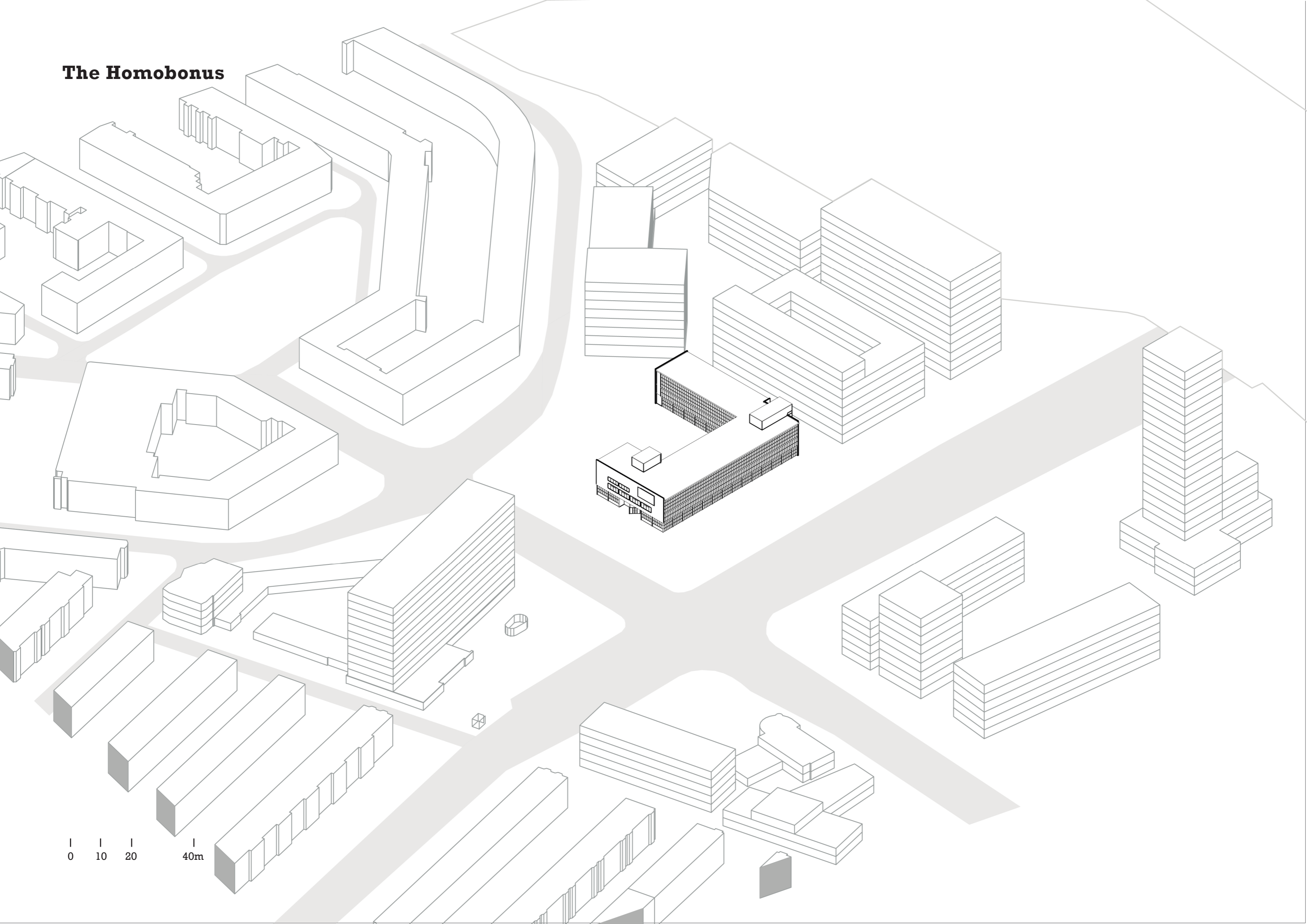


**Characters of the site**

**Creating a centre of facilities**



# The Homobonus



0 10 20 40m

**The Homobonus building 1938 by Gerard Holt**



## Problem statement

2004

**de Volkskrant**

Columns & Opinie Uitgelicht Wetenschap Mensen Beter Leven Cul

### 'Reguliere kinderopvang is vaak onbetaalbaar'

De overheid trekt zich terug, de burger moet steeds meer zelf regelen. In de serie Red jezelf! onderzoekt de Volkskrant met welke keuzen, problemen en kansen de moderne mens wordt geconfronteerd...

2019

**de Volkskrant**

**De loonkloof:  
waarom vrouwen nog  
steeds minder verdienen  
dan mannen**

2019

Menu **nrc**

### Dag extra werken? Eerst kijken wat dat kost aan kinderopvang

**Werk en gezin** De kosten voor kinderopvang blijven stijgen. Dat raakt vooral lager opgeleide jonge ouders. Want de overheidstoeslag voor kinderopvang is begrensd.

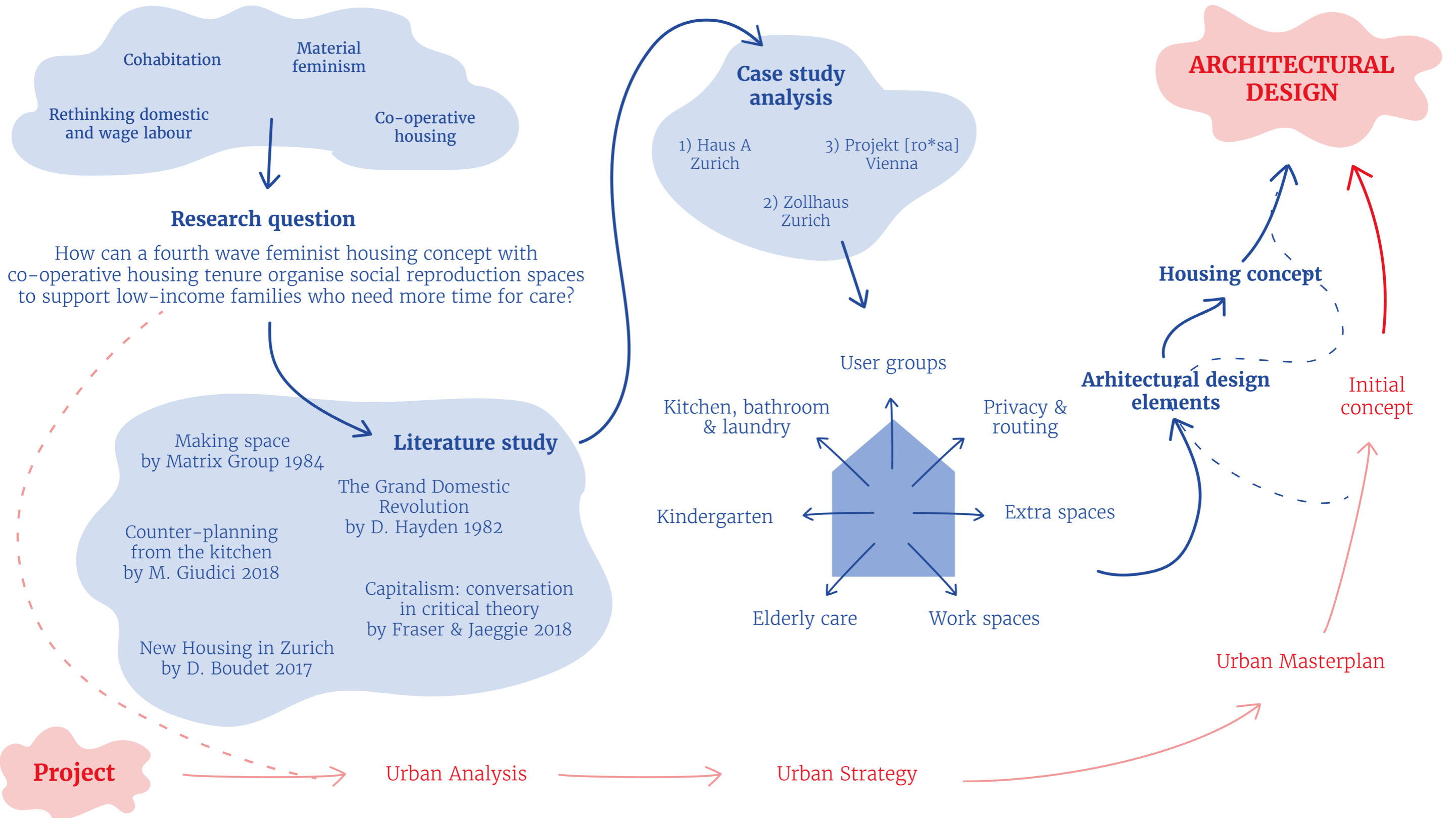




**Cooperative  
housing tenure**



# Research methodology

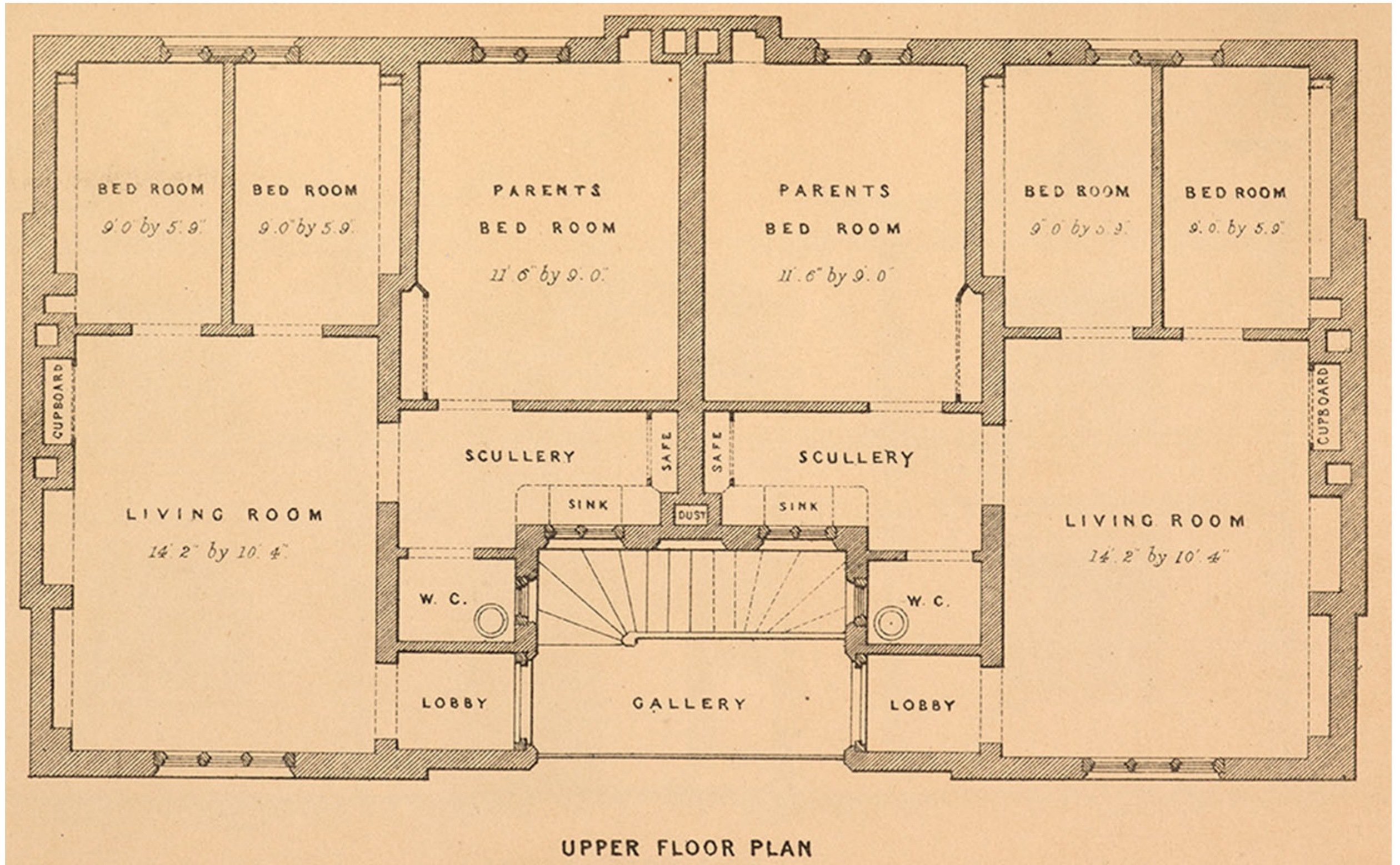


**From workhomes  
to work and home**



Weverswerkplaats by  
Johannes van Ouderogge,  
1652

**Isolated and limited**

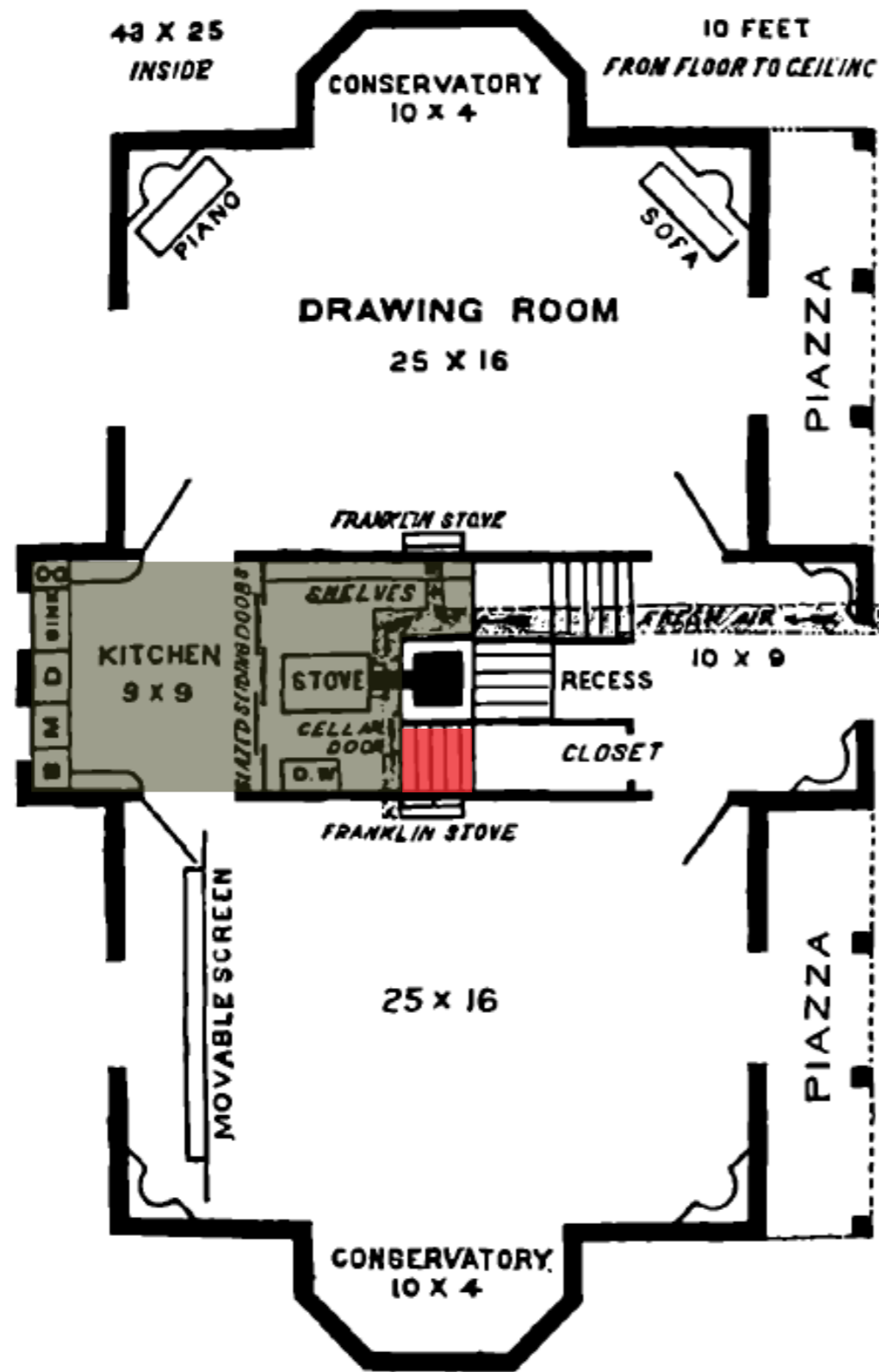


**Communitarian  
socialist**



Le Familistère by Jean-Baptiste Godin, 1859

**Domestic  
feminist**

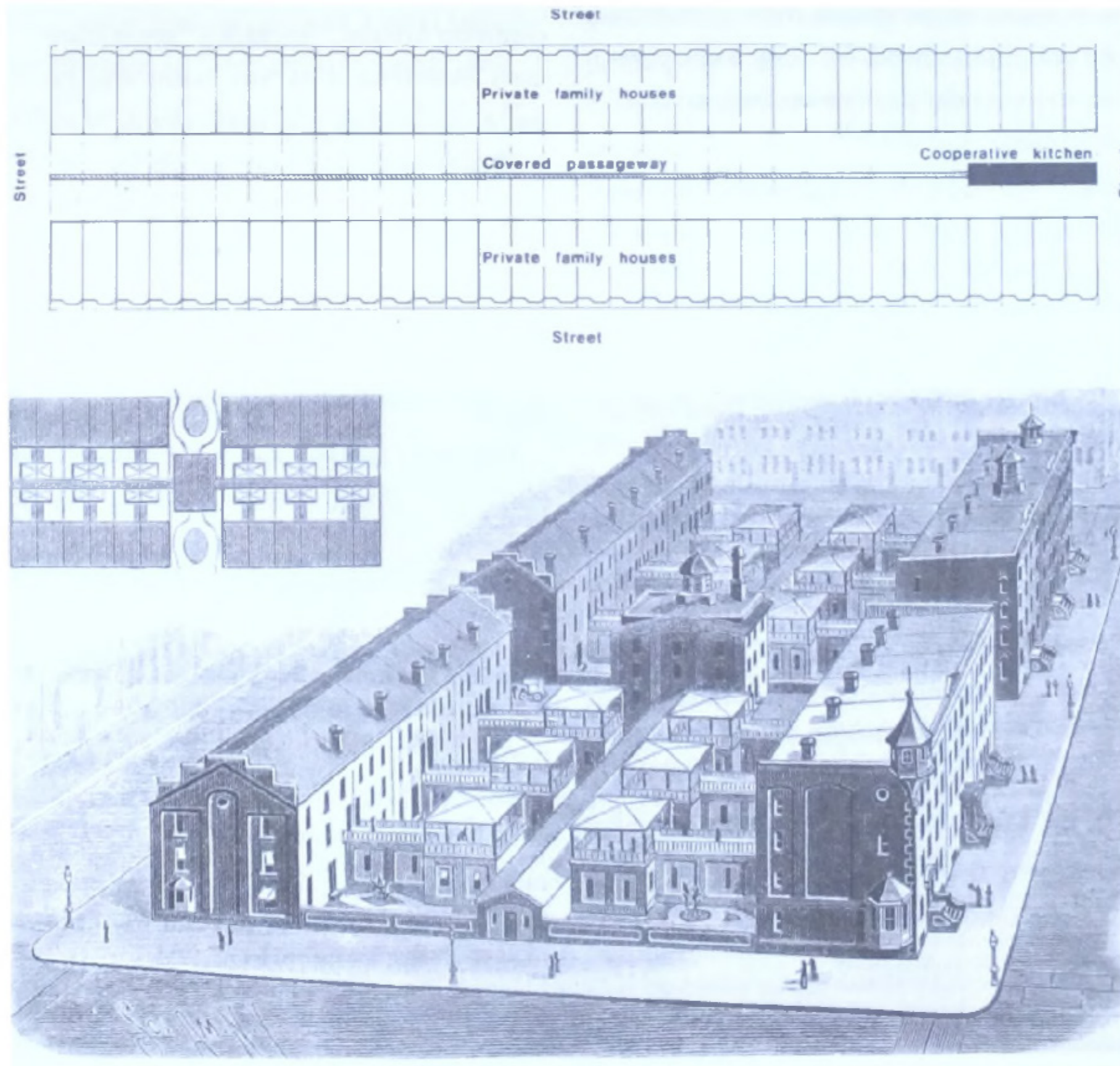


Ground floor



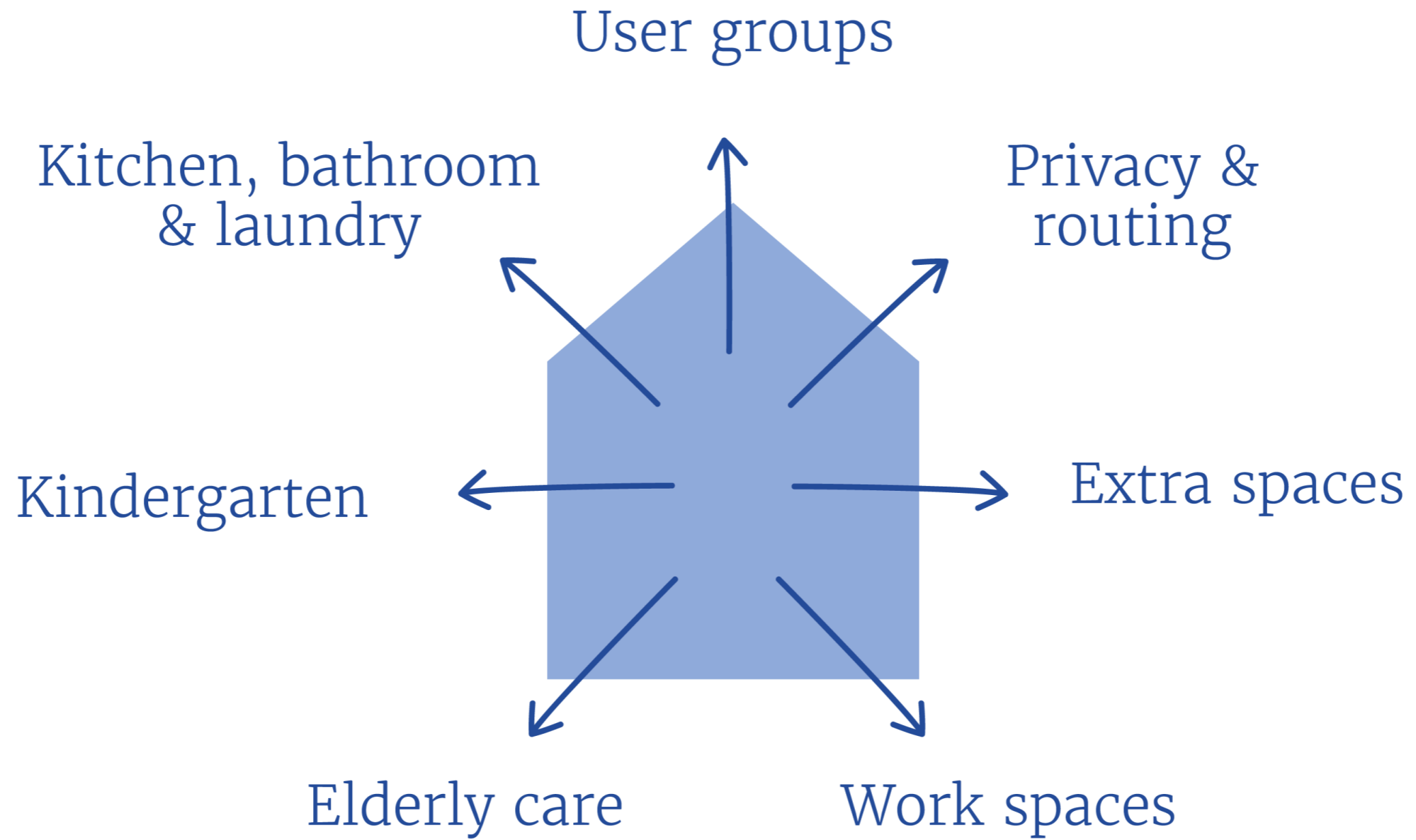
Basement

# Material feminist



Theory by Charlotte Perkins Gilman  
and drawing by Leonard E. Ladd,  
1890

**Fourth wave feminism**





# Research insights from case study

## Hause A / Bathroom, kitchen & laundry



## Research insights from case study

Zoll Haus / Bathroom, kitchen & laundry



■ Circulation space

■ Personal kitchen

■ Shared kitchen

■ Personal bathroom

■ Shared Bathroom



# Research insights from case study

Projekt [ro\*sa] / Bathroom, kitchen & laundry



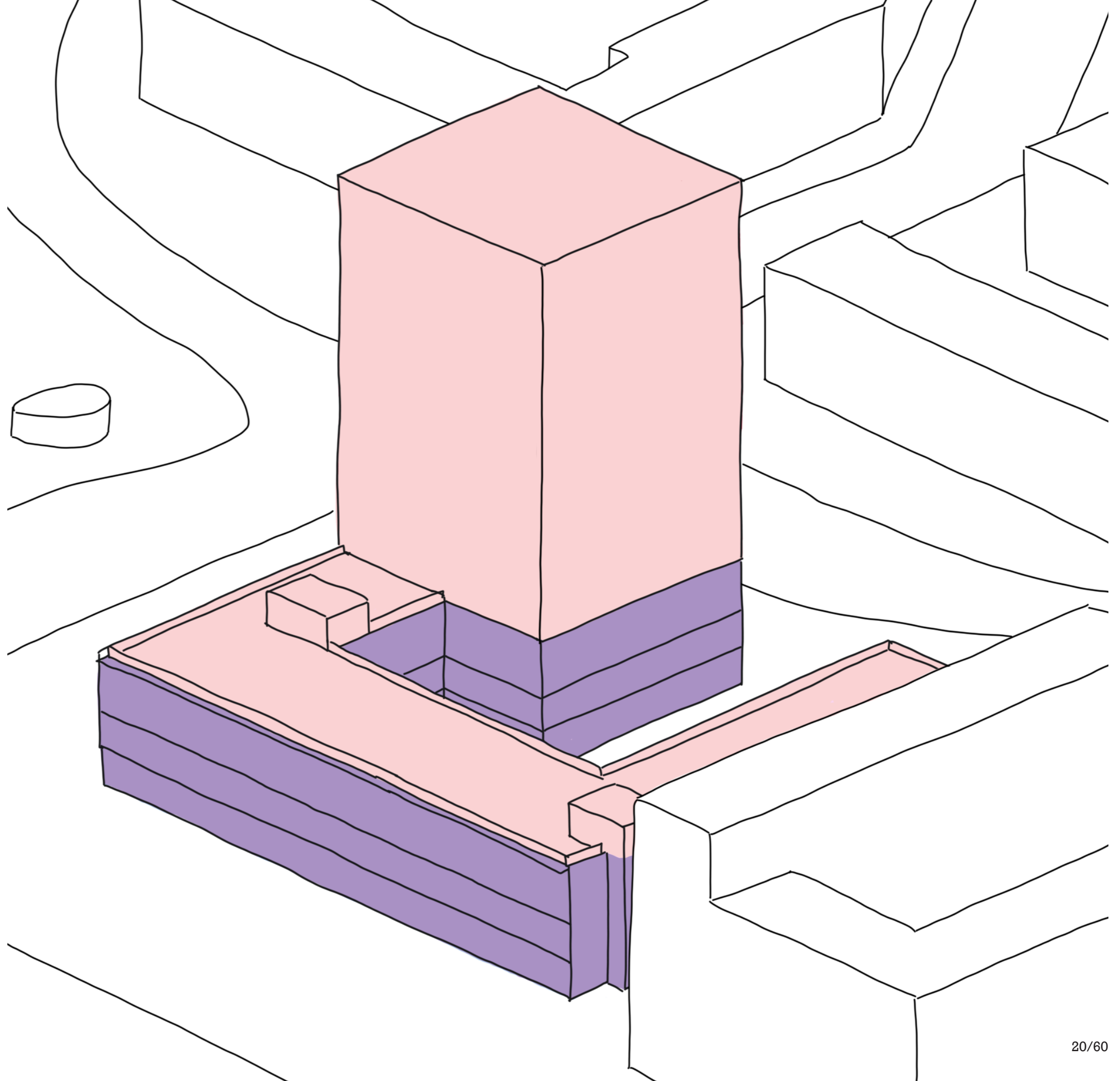
- Circulation space
- Personal kitchen
- Shared kitchen
- Personal bathroom
- Shared Bathroom



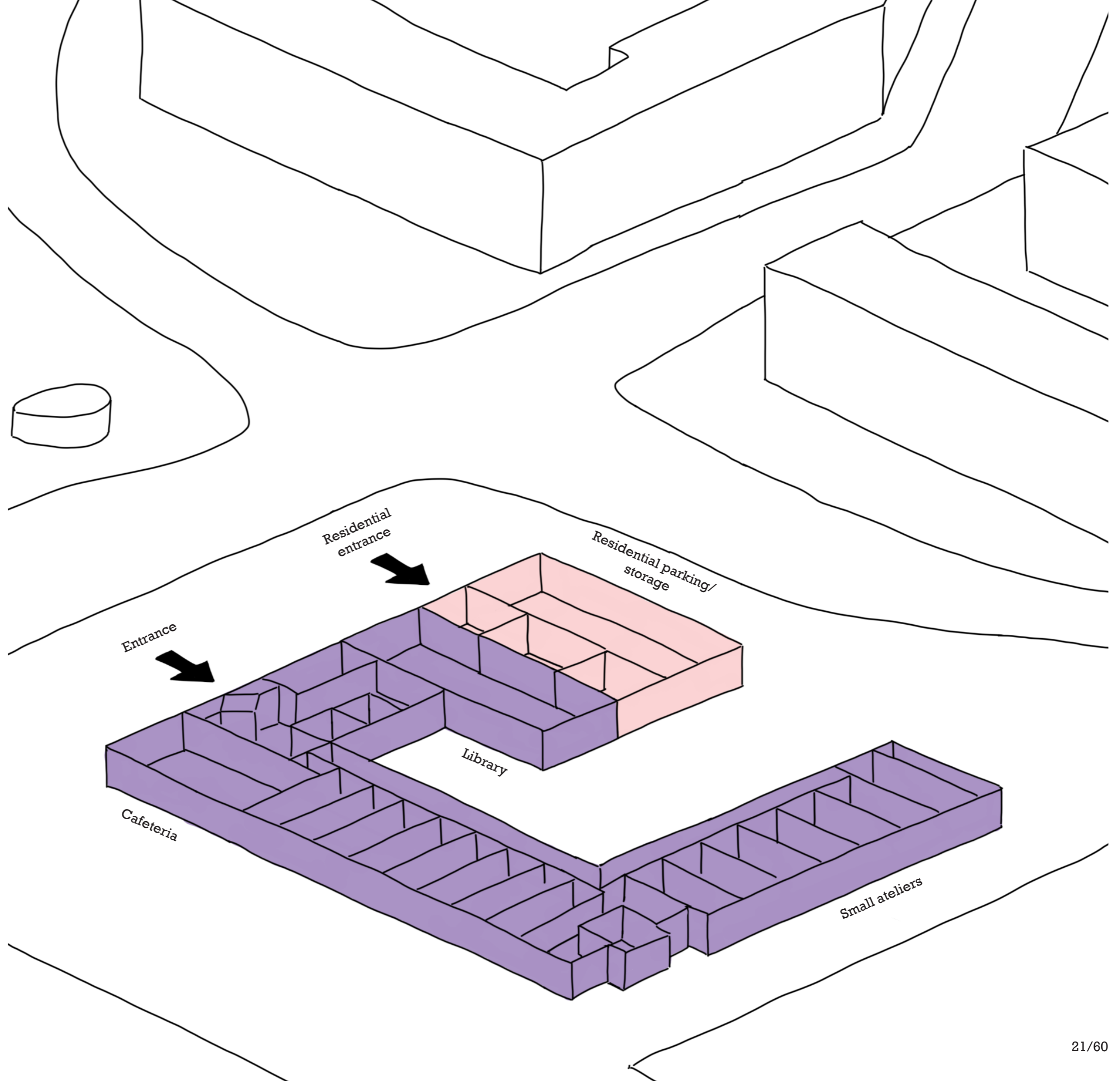
# Research conclusion

## Housing concept

- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

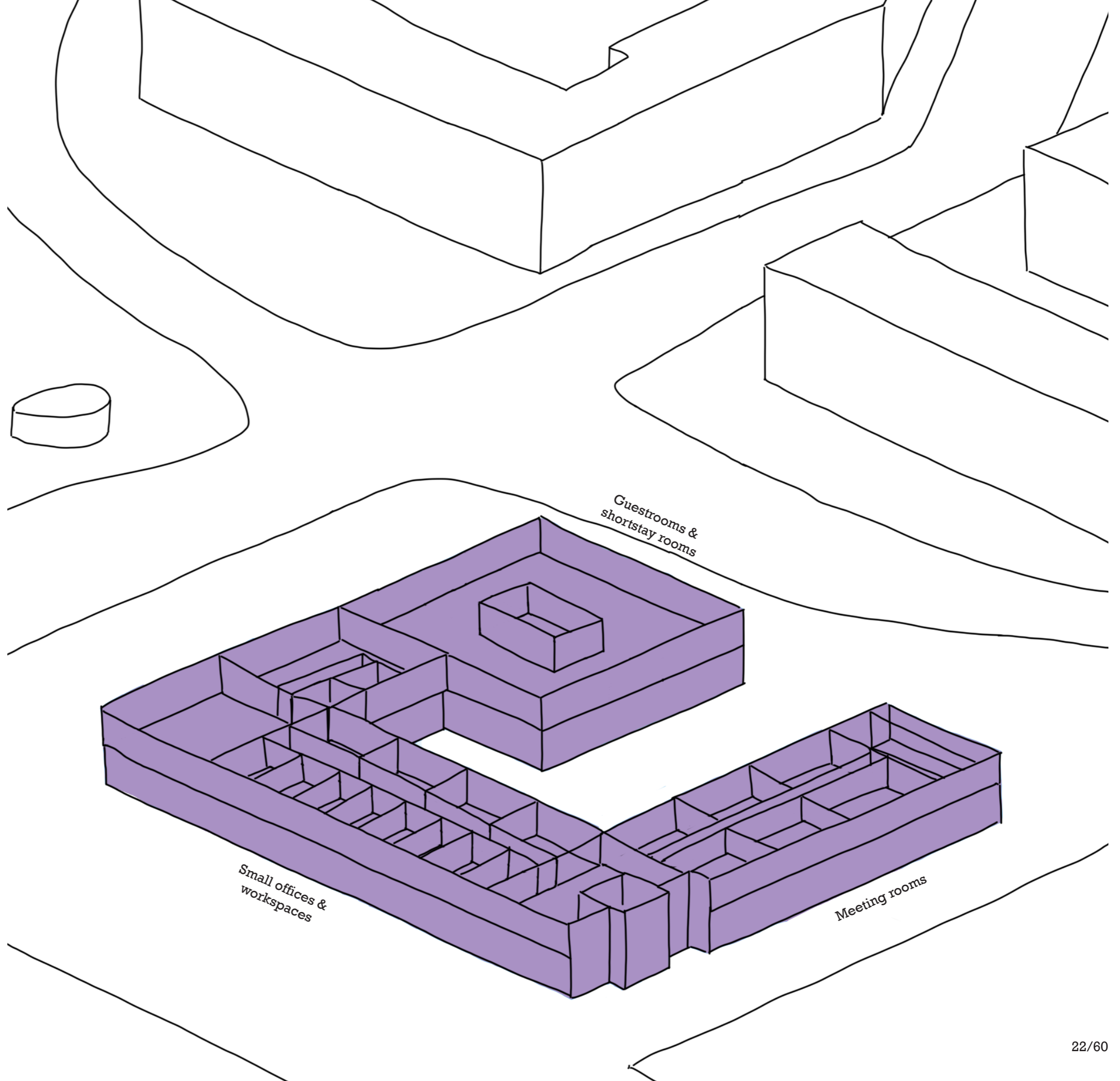


# Housing concept



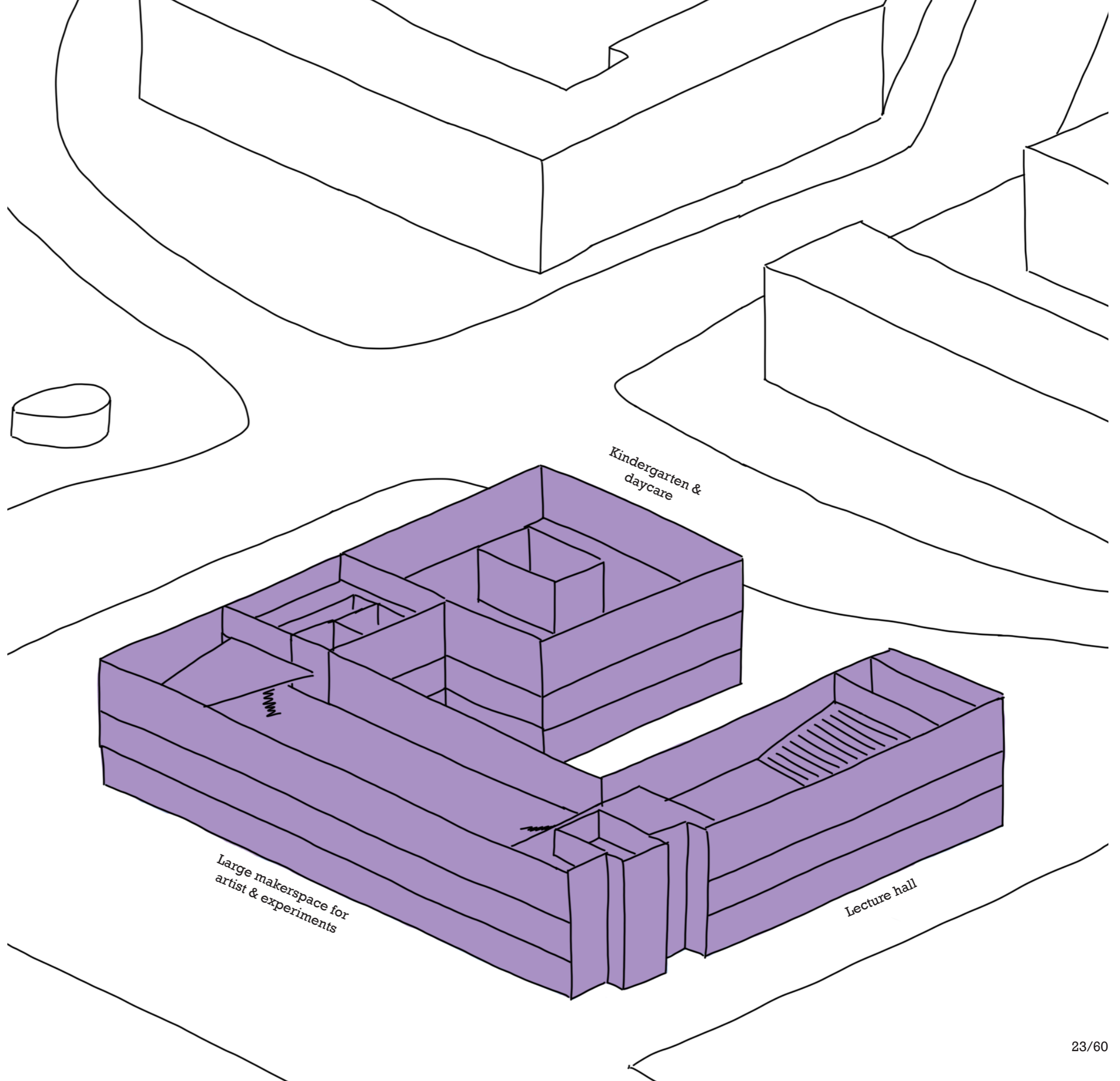
- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

# Housing concept



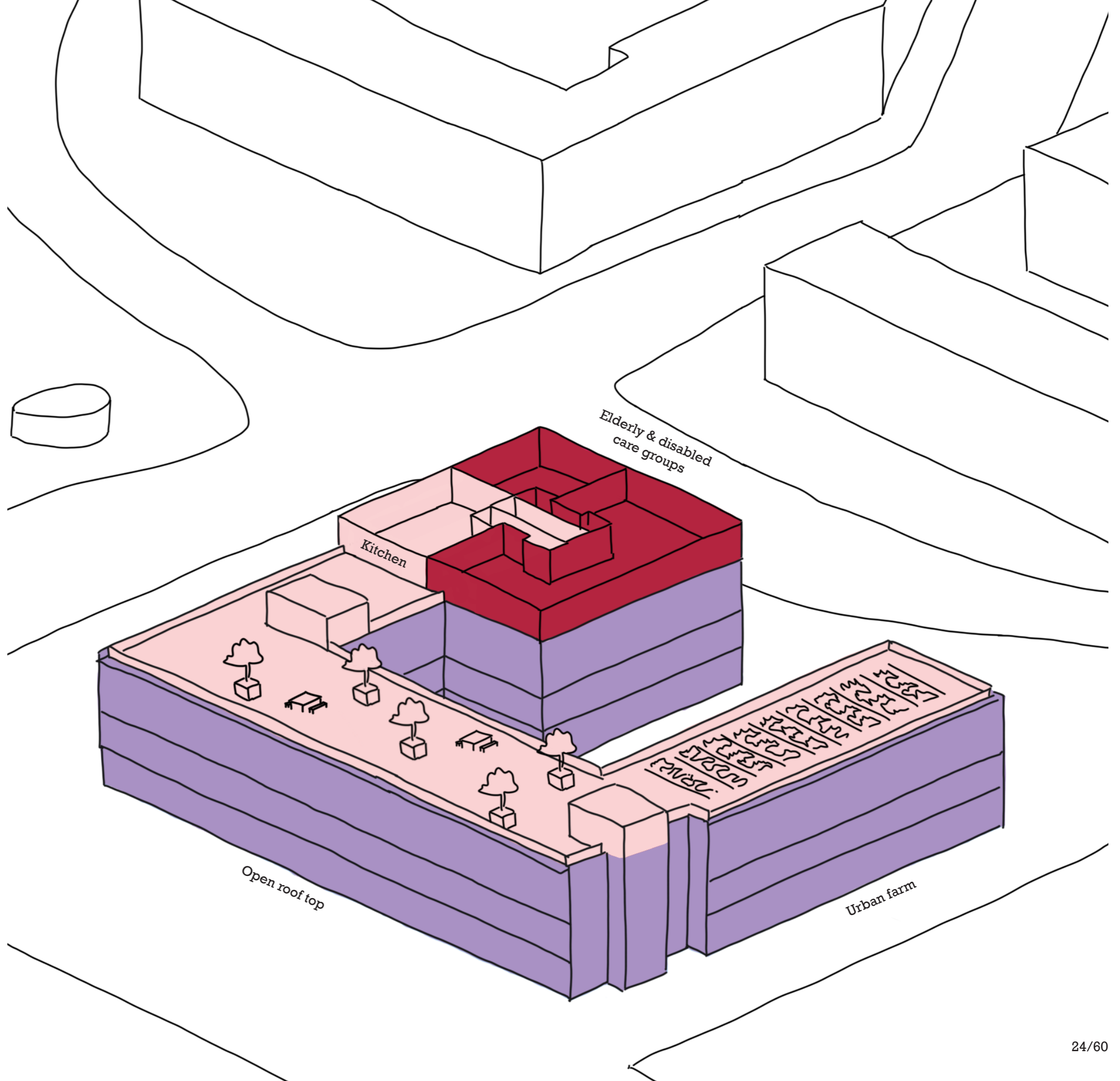
- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

# Housing concept



- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

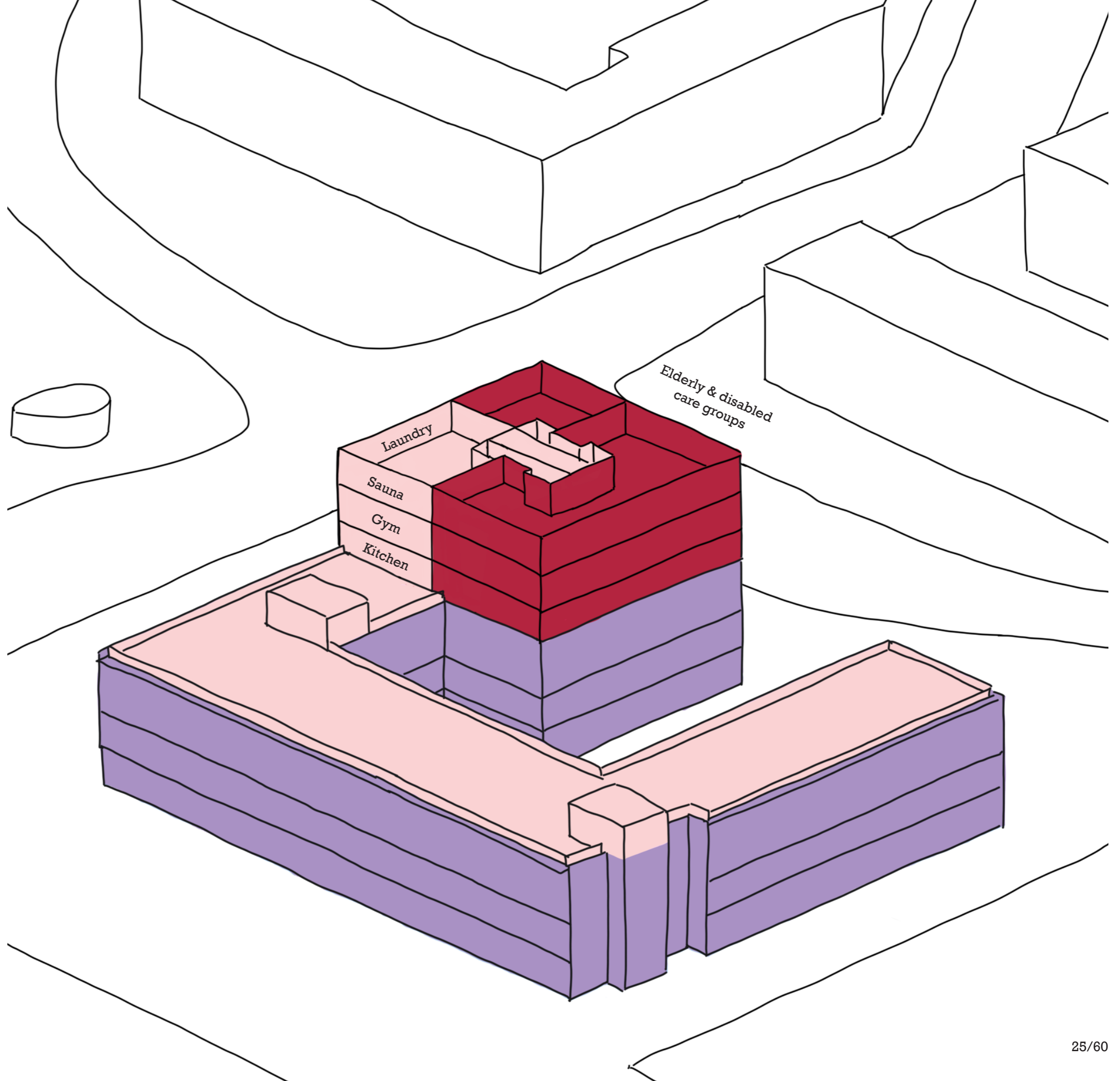
# Housing concept



- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

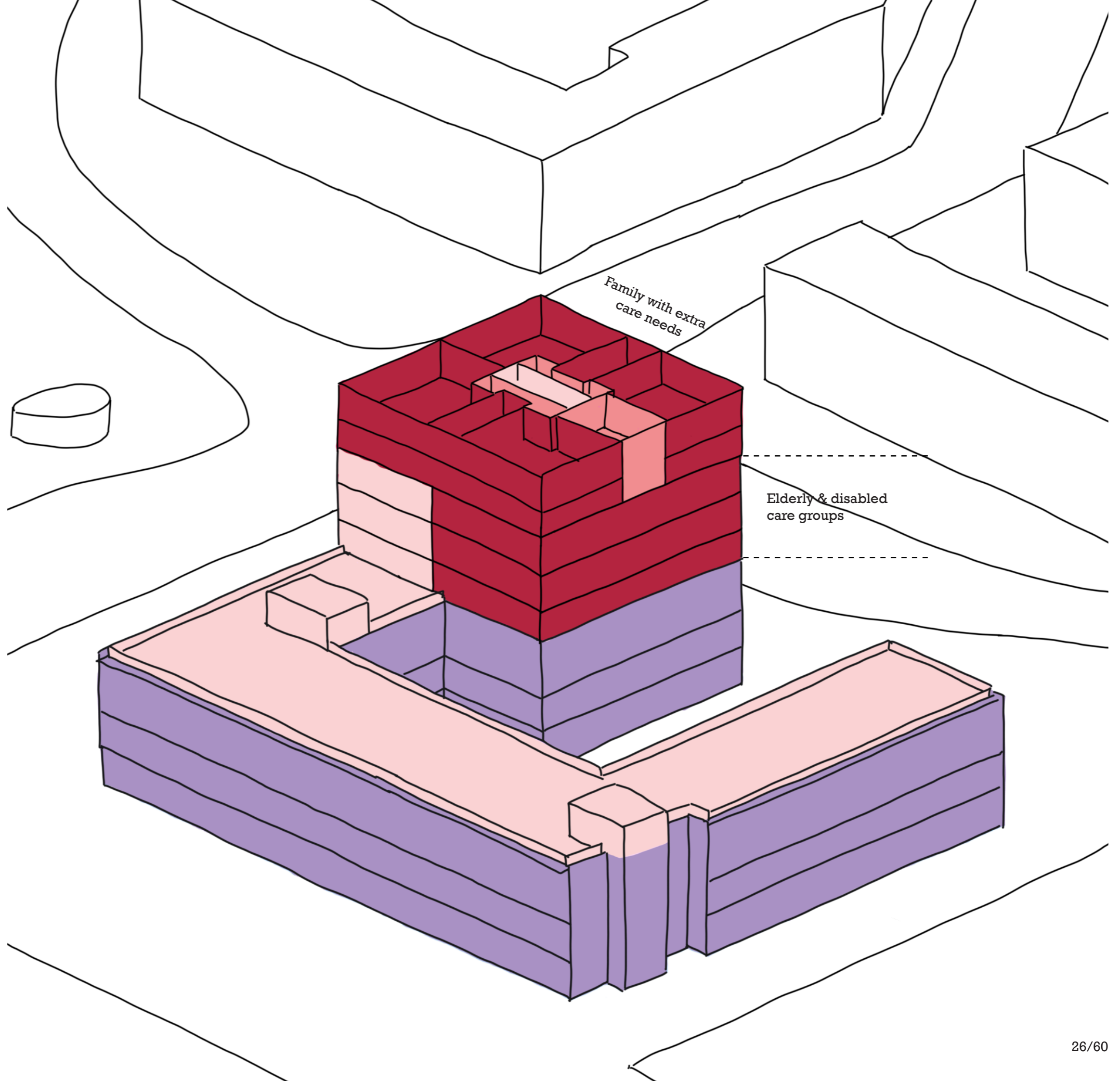


# Housing concept



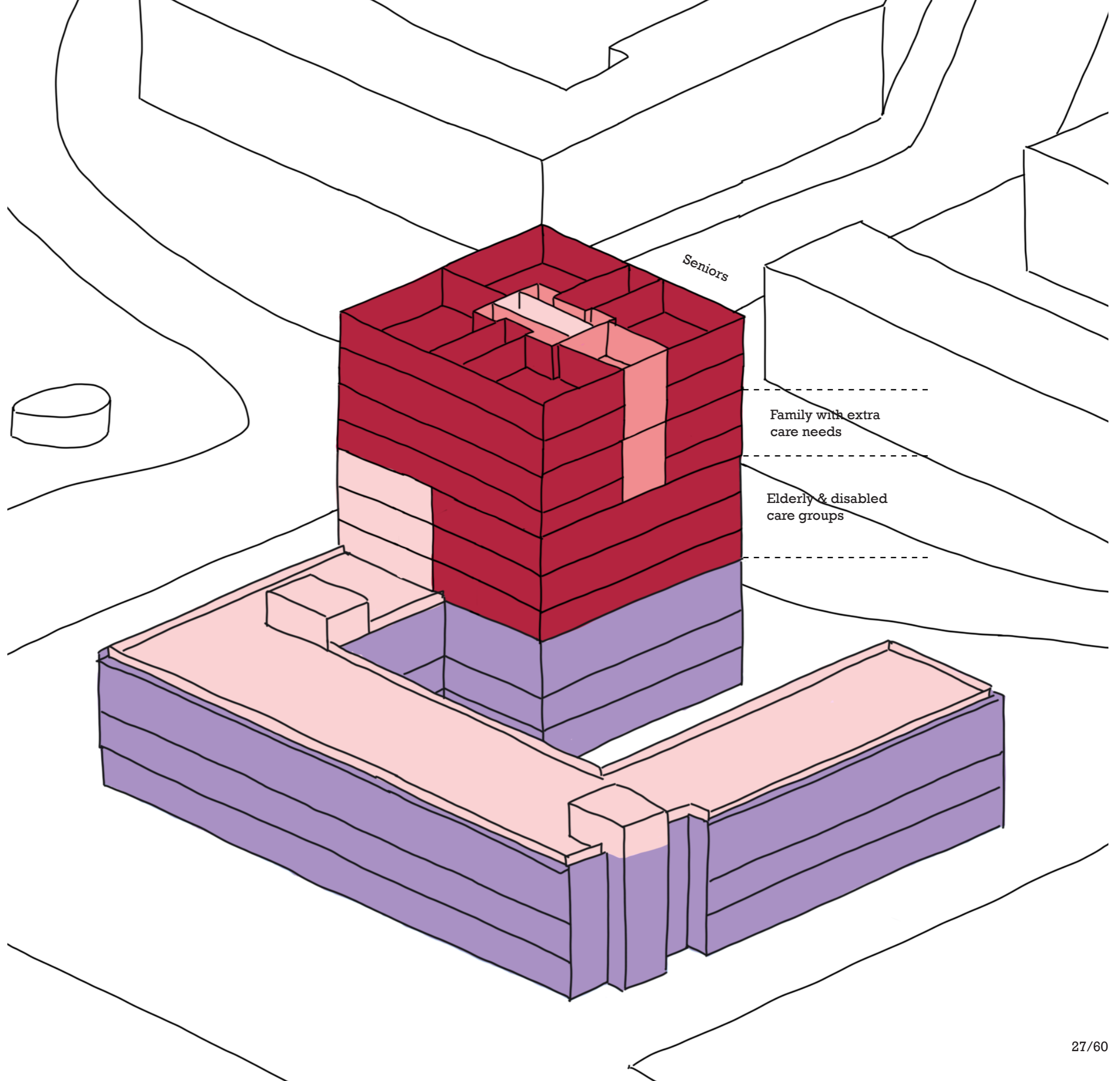
- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

# Housing concept

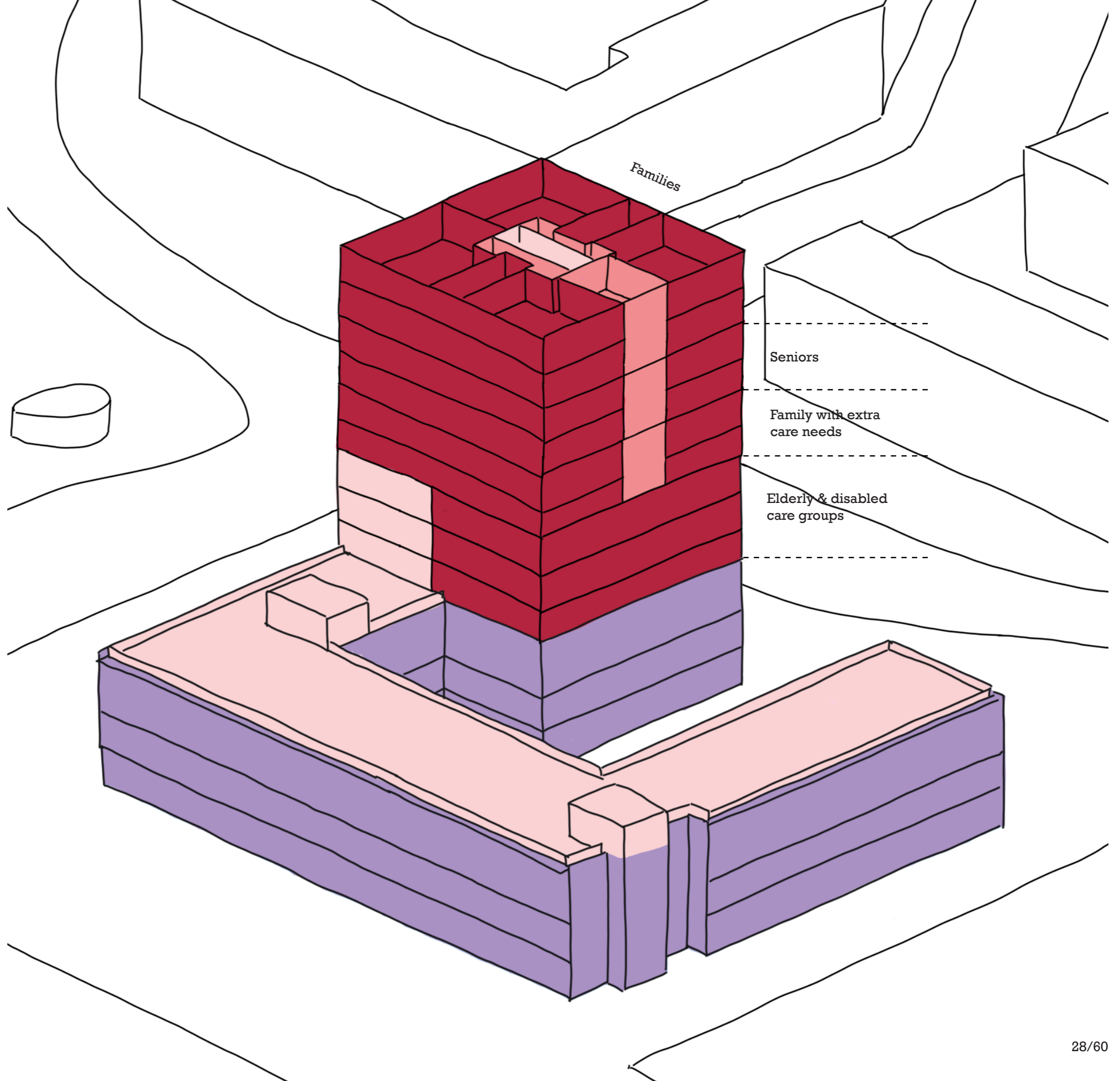


- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

# Housing concept

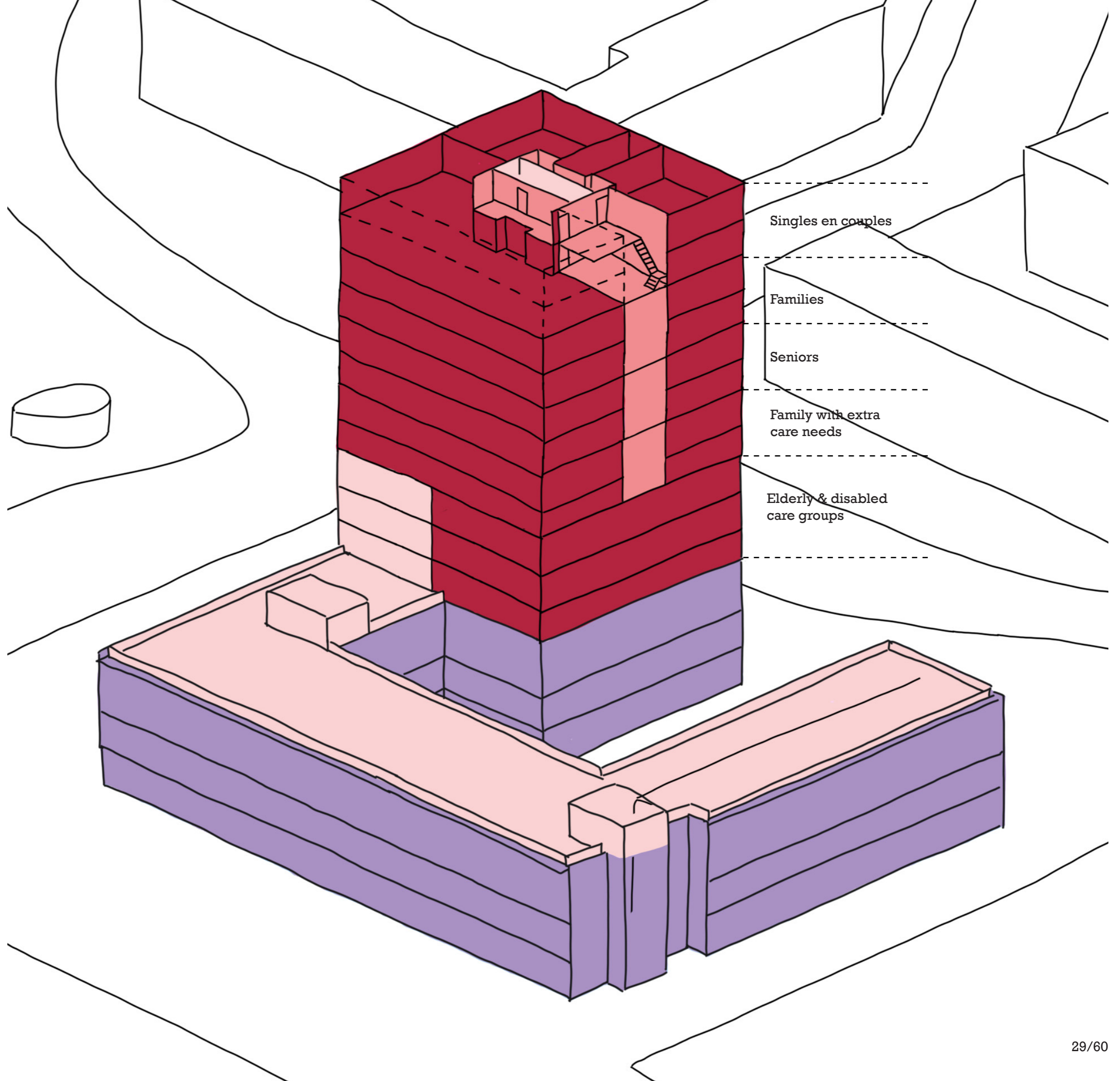


# Housing concept



- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

# Housing concept



- Collective residential space
- Shared space
- Private apartment
- Workspaces and public facilities

# Circulation and programme diagram

Apartments  
4.410 m<sup>2</sup>

30%

Shared space  
232 m<sup>2</sup>

2%

Collective space  
1850 m<sup>2</sup>

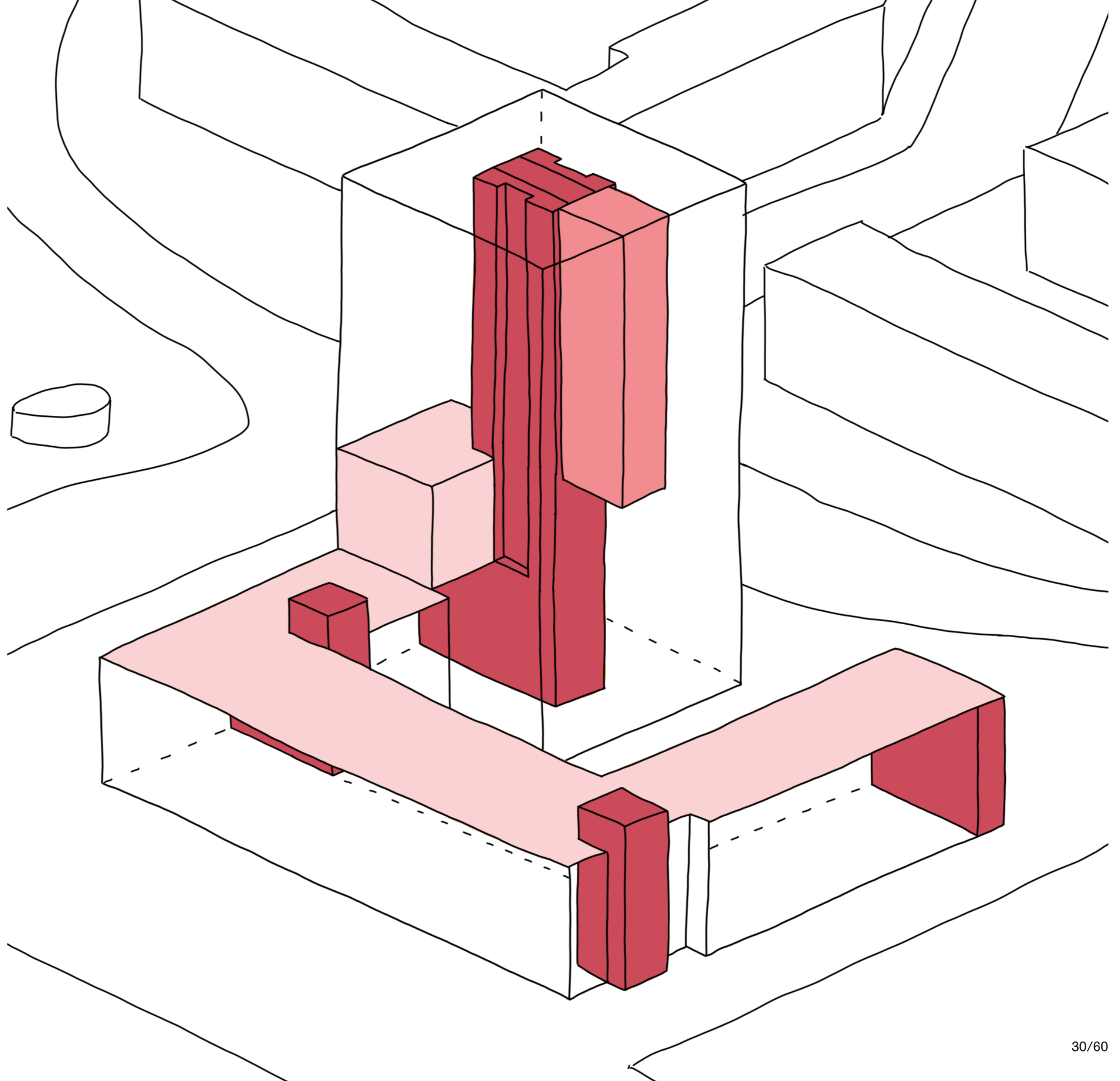
13%

Circulation  
780m<sup>2</sup>

5%

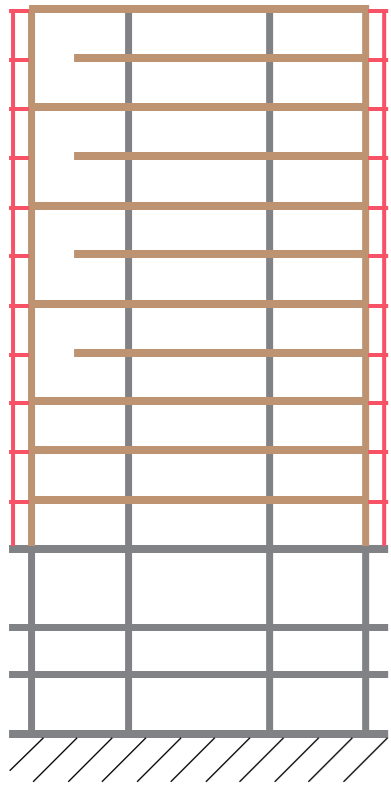
Work co-op  
7285 m<sup>2</sup>

50%

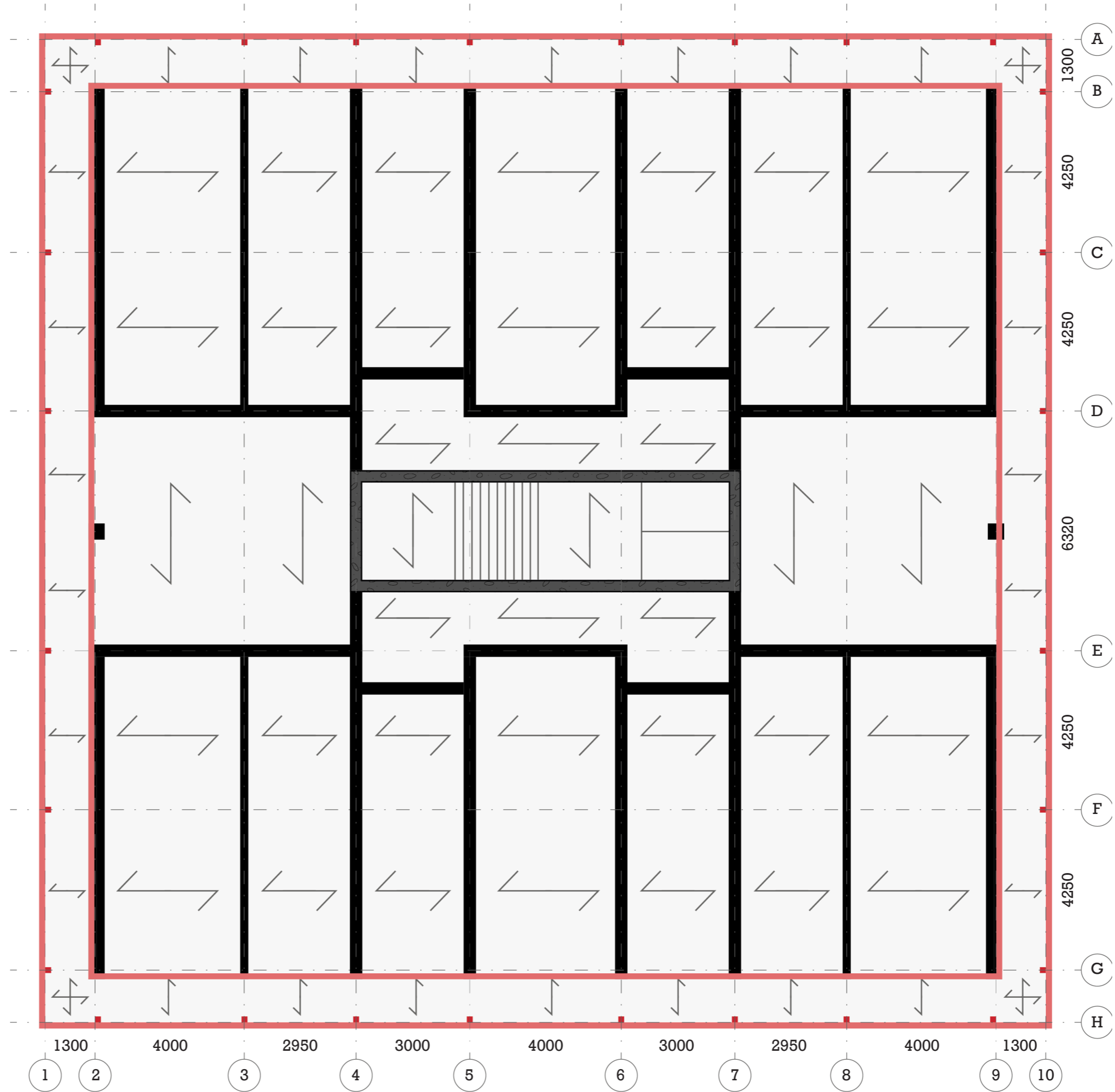


**Diagram load-bearing structure**  
New construction

Section diagram

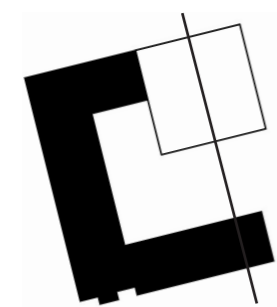


- DLT load-bearing walls
- Concrete load-bearing walls
- Steel columns
- Steel beams

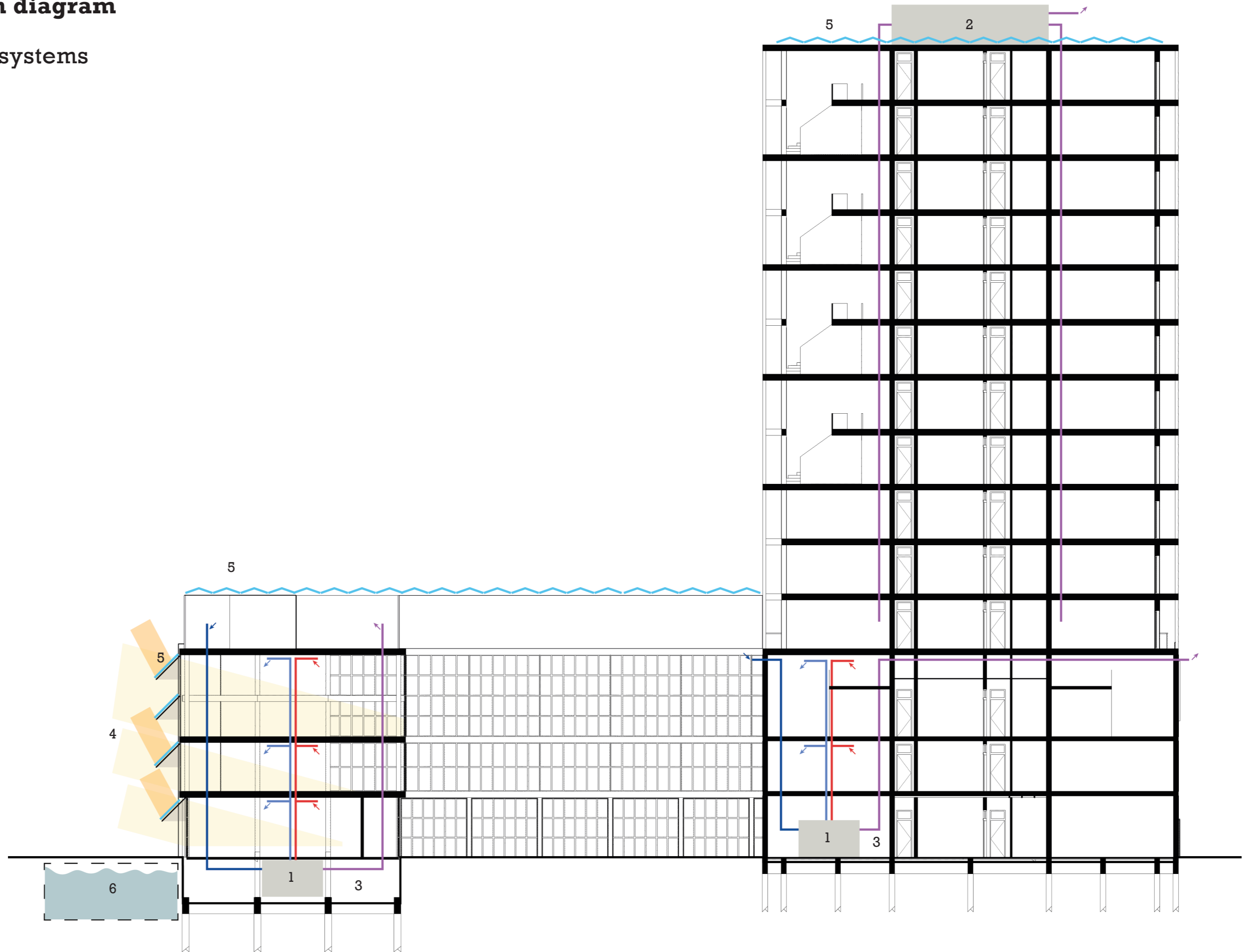


# Climate design diagram

Three separate systems



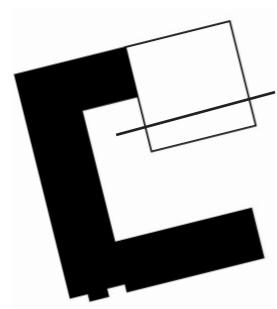
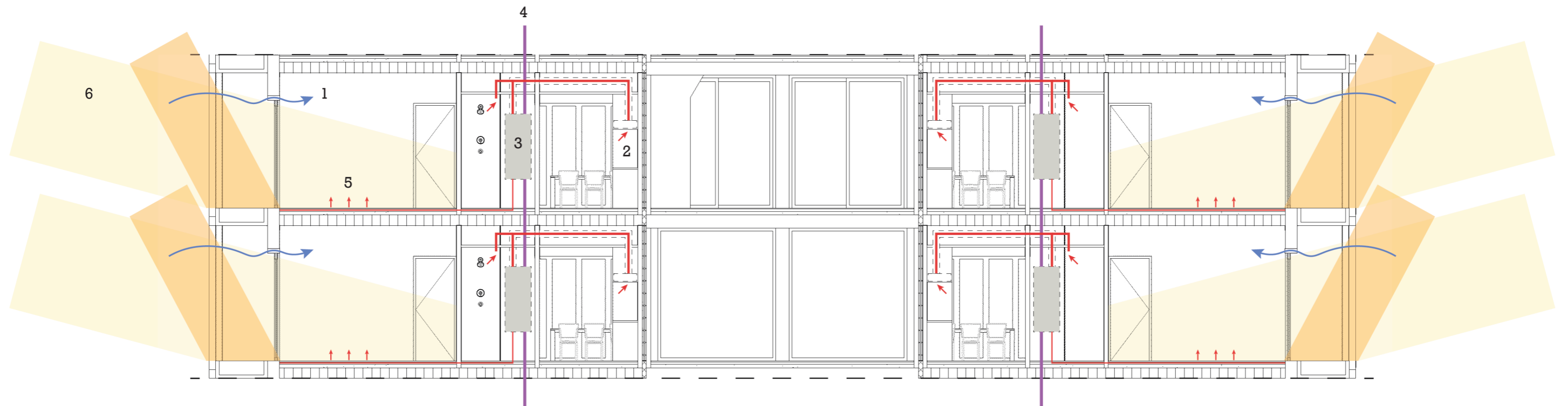
- 1 WTW ventilation
- 2 Ventilation output
- 3 Boiler for warm water
- 4 Shading
- 5 Solar panels
- 6 Water storage





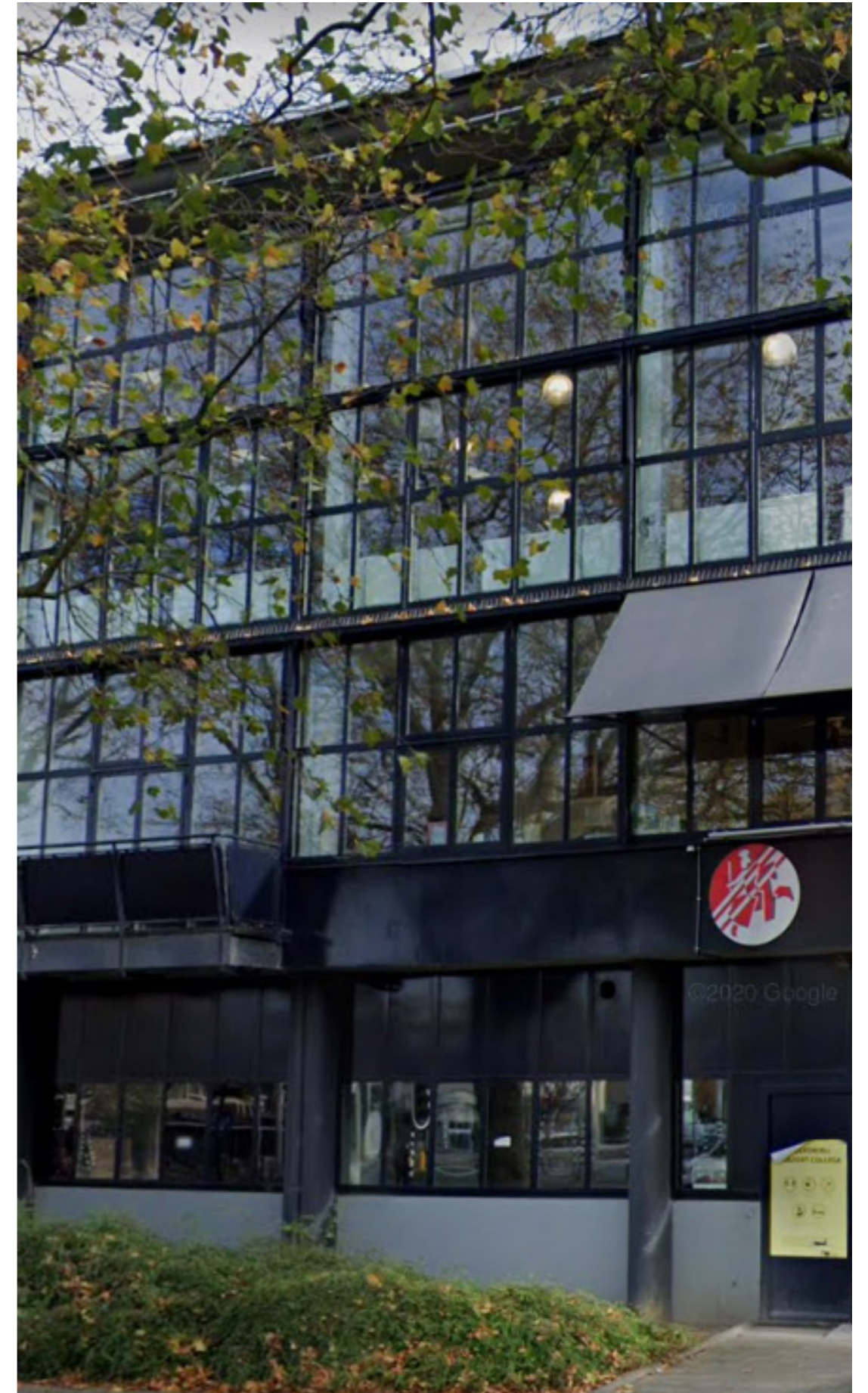
# Climate design diagram

## In the apartments

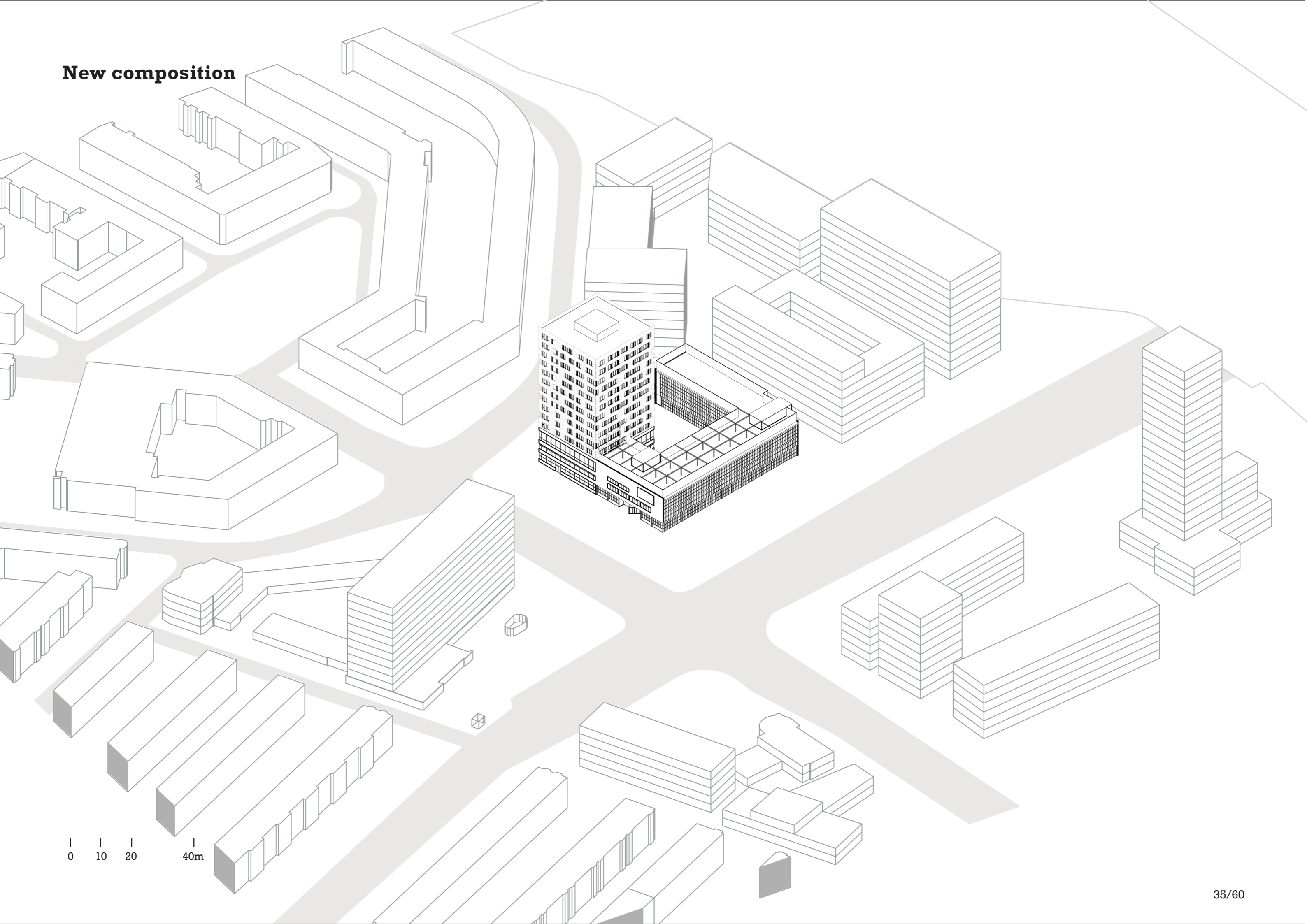


- 1 Natural ventilation
- 2 Warm air output
- 3 Air-water WP for warm water and floor heating
- 4 Ventilation output
- 5 Floor heating
- 6 Shading

**Visual relation between old new building**

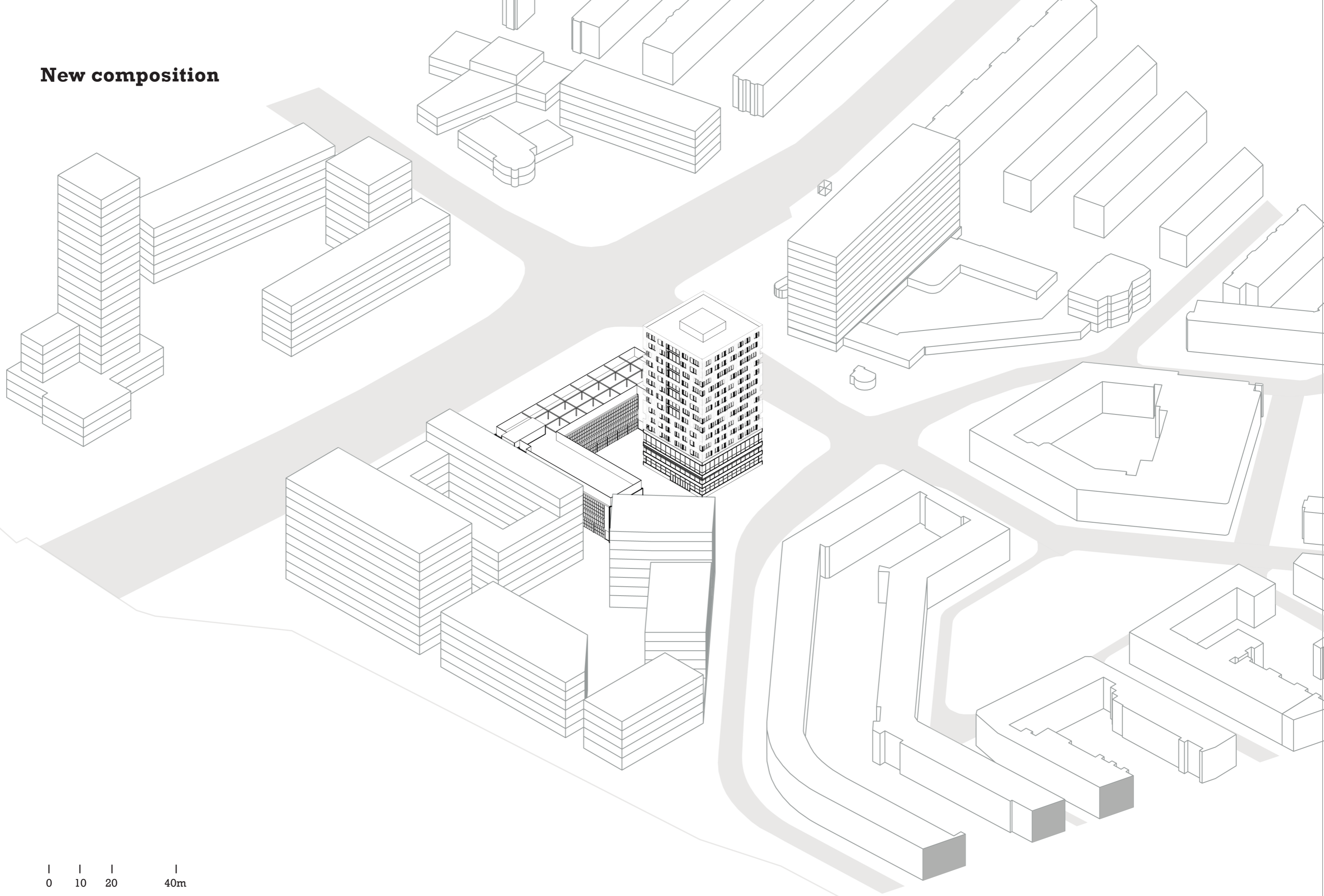


**New composition**



0 10 20 40m

# New composition



0 10 20 40m

**North elevation**



**East elevation**



**West elevation**

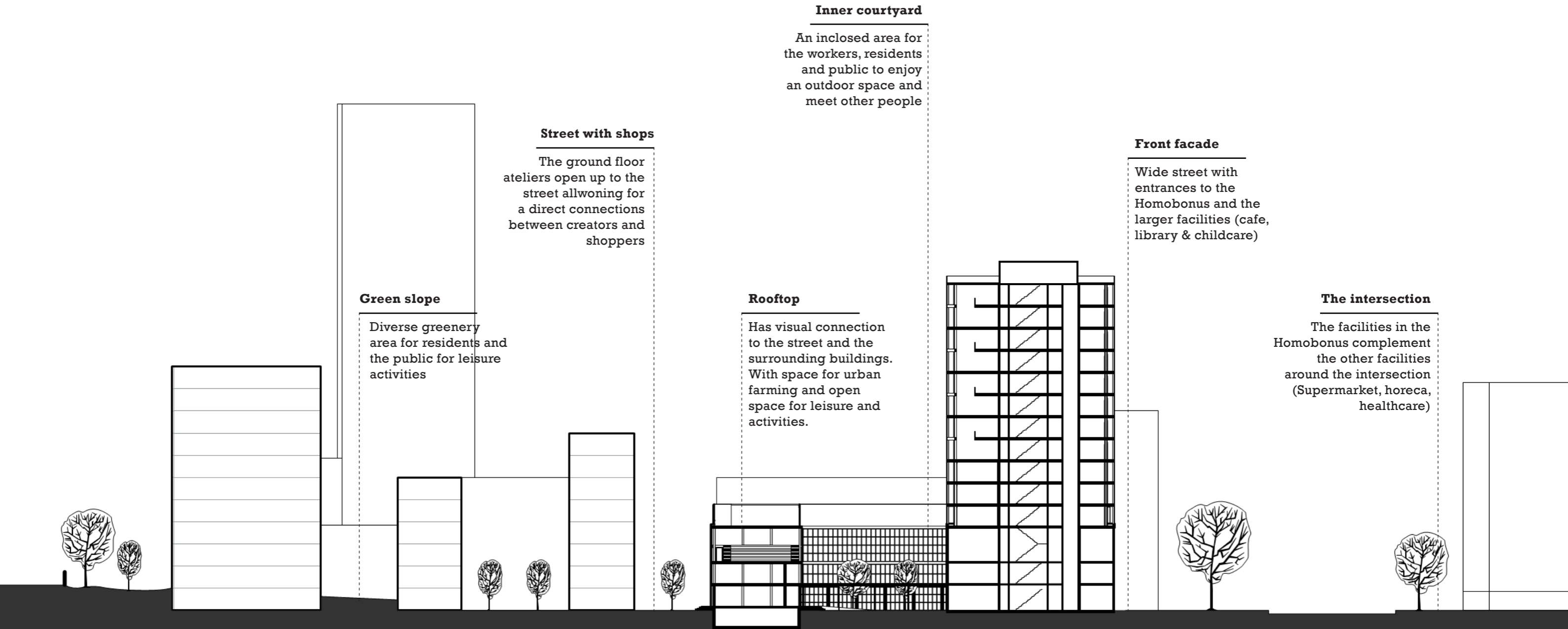


**South elevation**



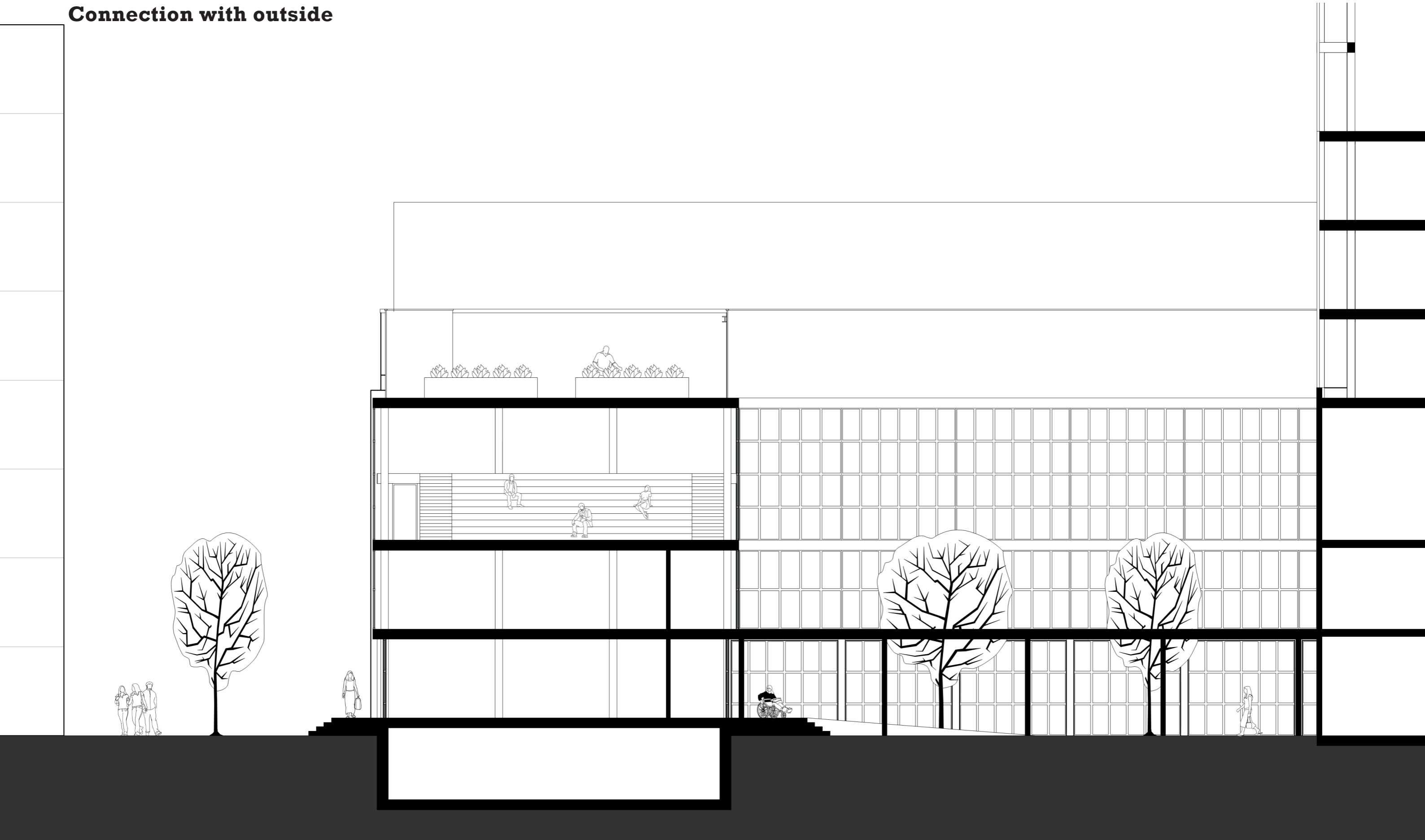


# Relation to the context



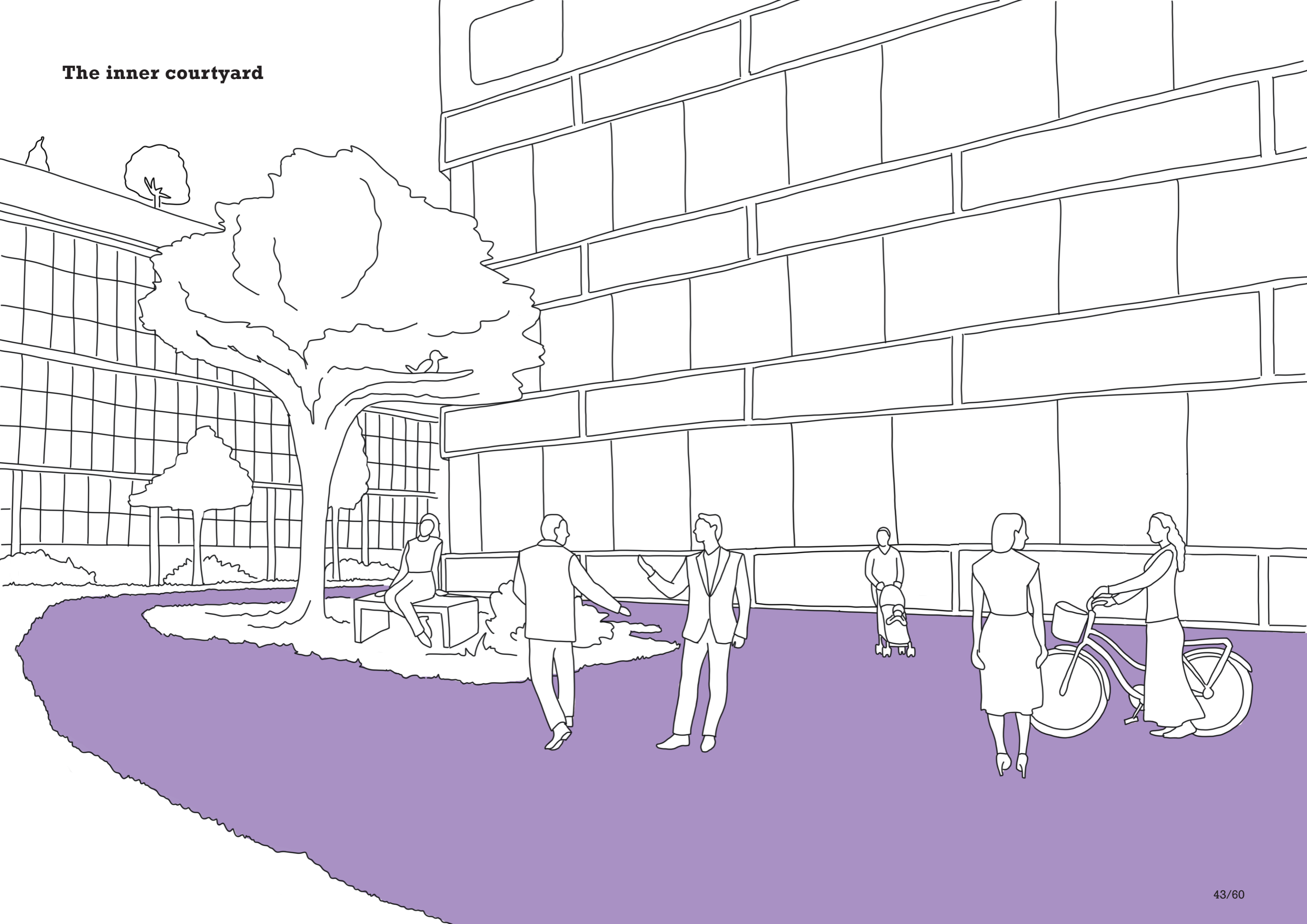
0 5 10 20m

# Connection with outside

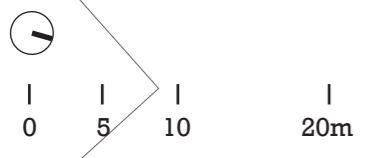
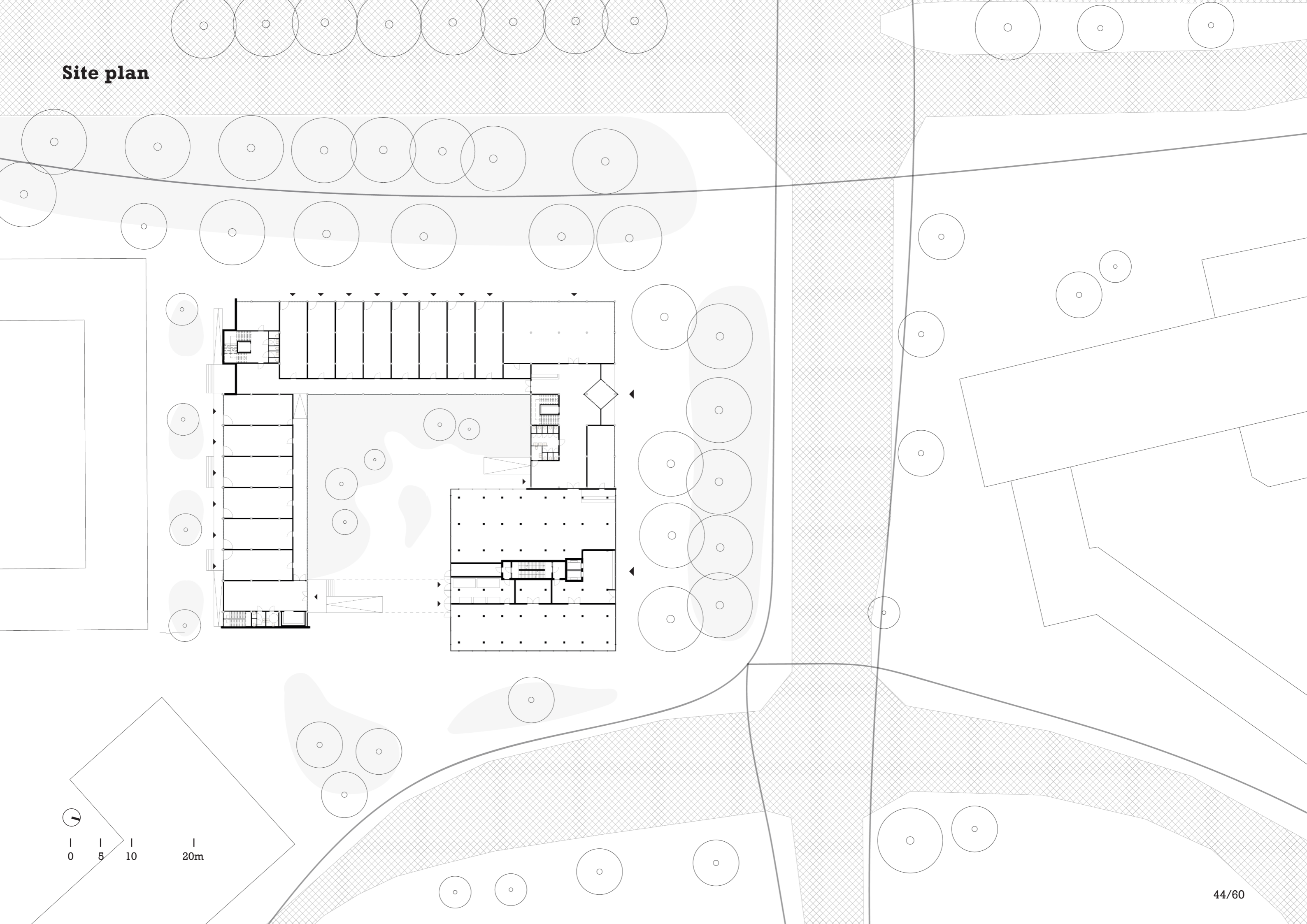


1 1 1 1  
0 1 2 4m

# The inner courtyard



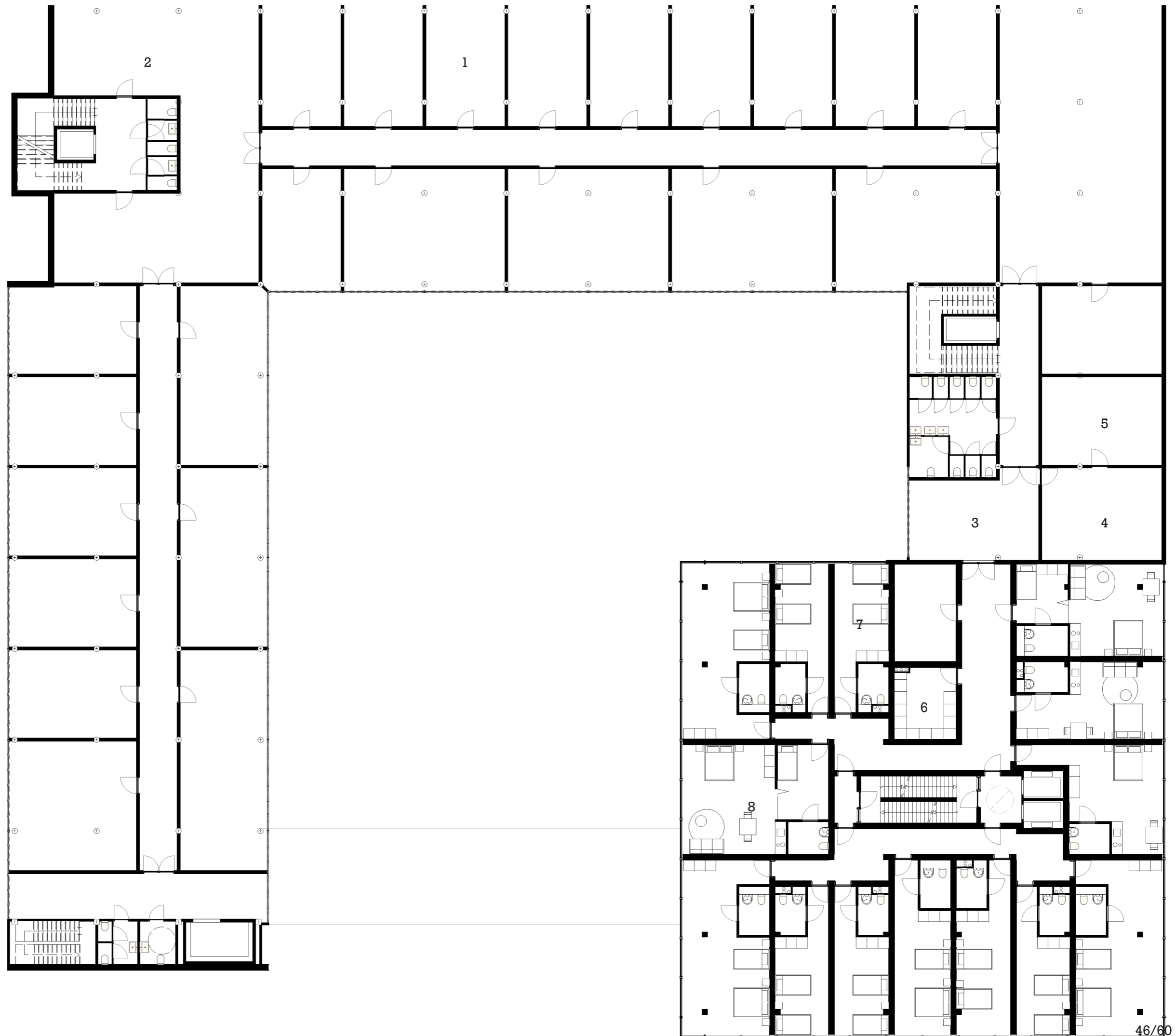
**Site plan**



**The entrance hall**



# First floor

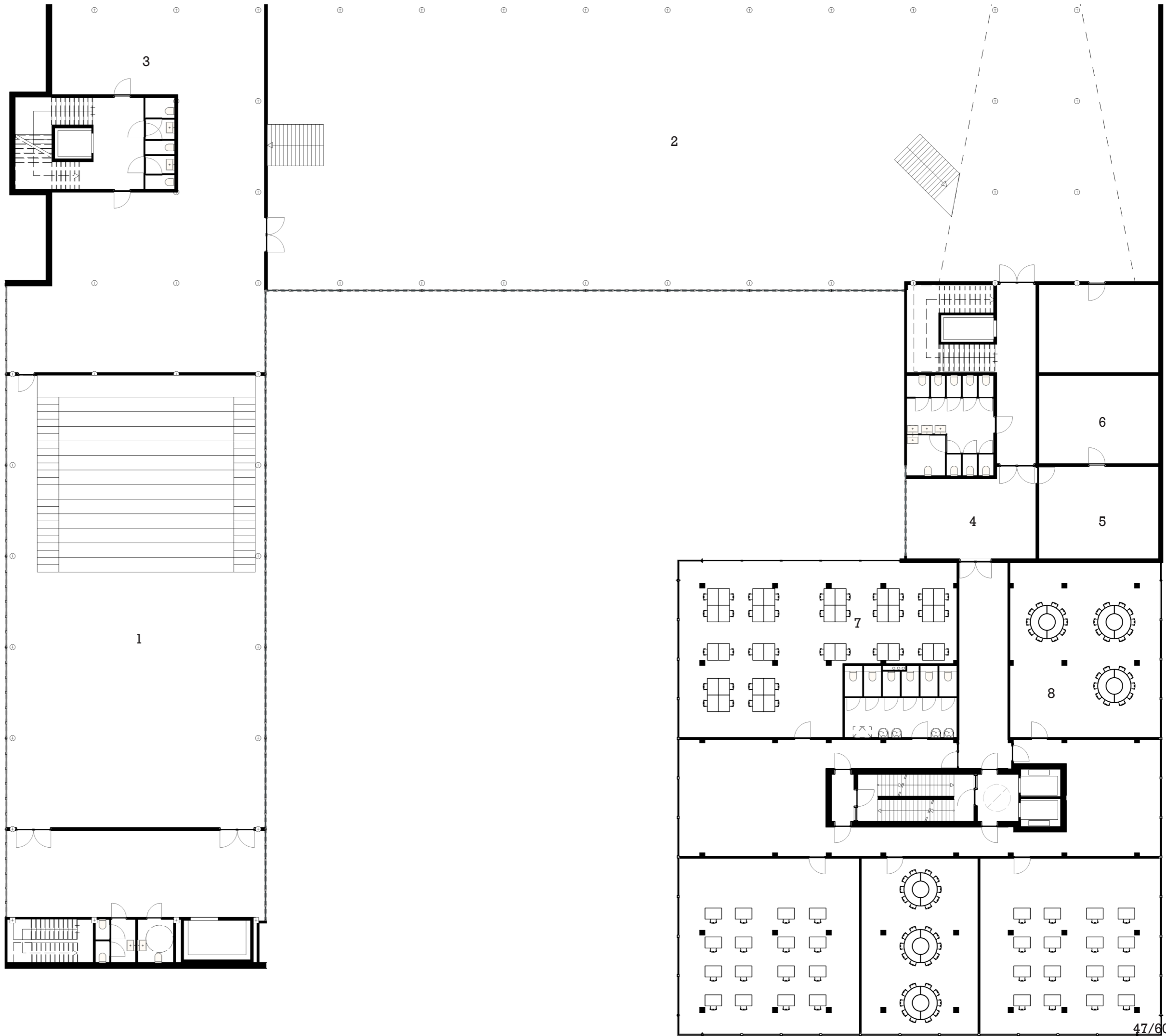


- 1 Offices/meeting rooms
- 2 Break room
- 3 Entrance guestrooms
- 4 Office
- 5 Breakroom
- 6 Storage
- 7 Guestroom
- 8 Short stay room



0 2 4 8m

# Second floor

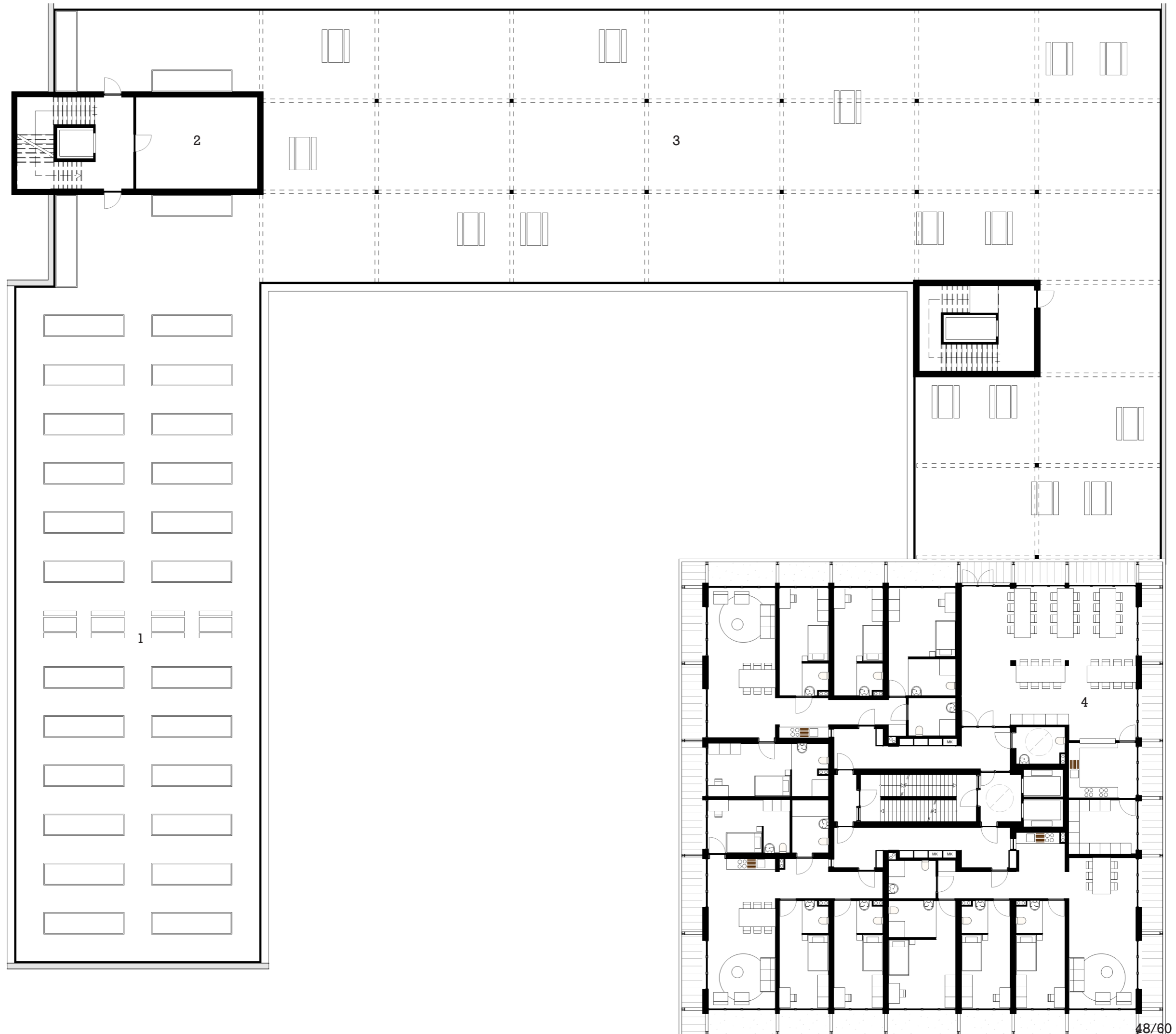


- 1 Lecture hall
- 2 Open creater space
- 3 Break room
- 4 Entrance childcare
- 5 Office
- 6 Storage
- 7 Kindergarten room
- 8 Daycare room



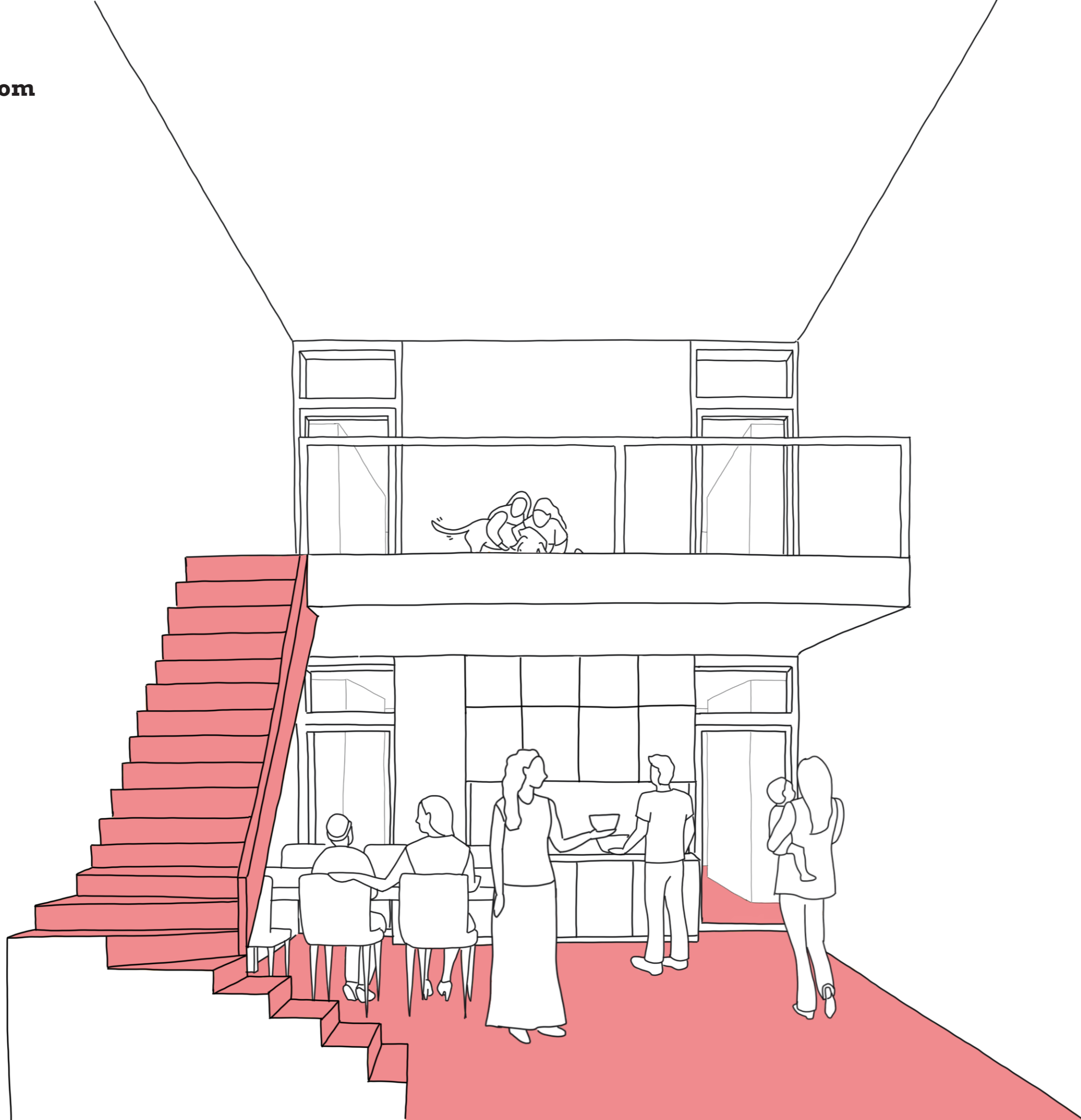
0 2 4 8m

# Rooftop & third floor

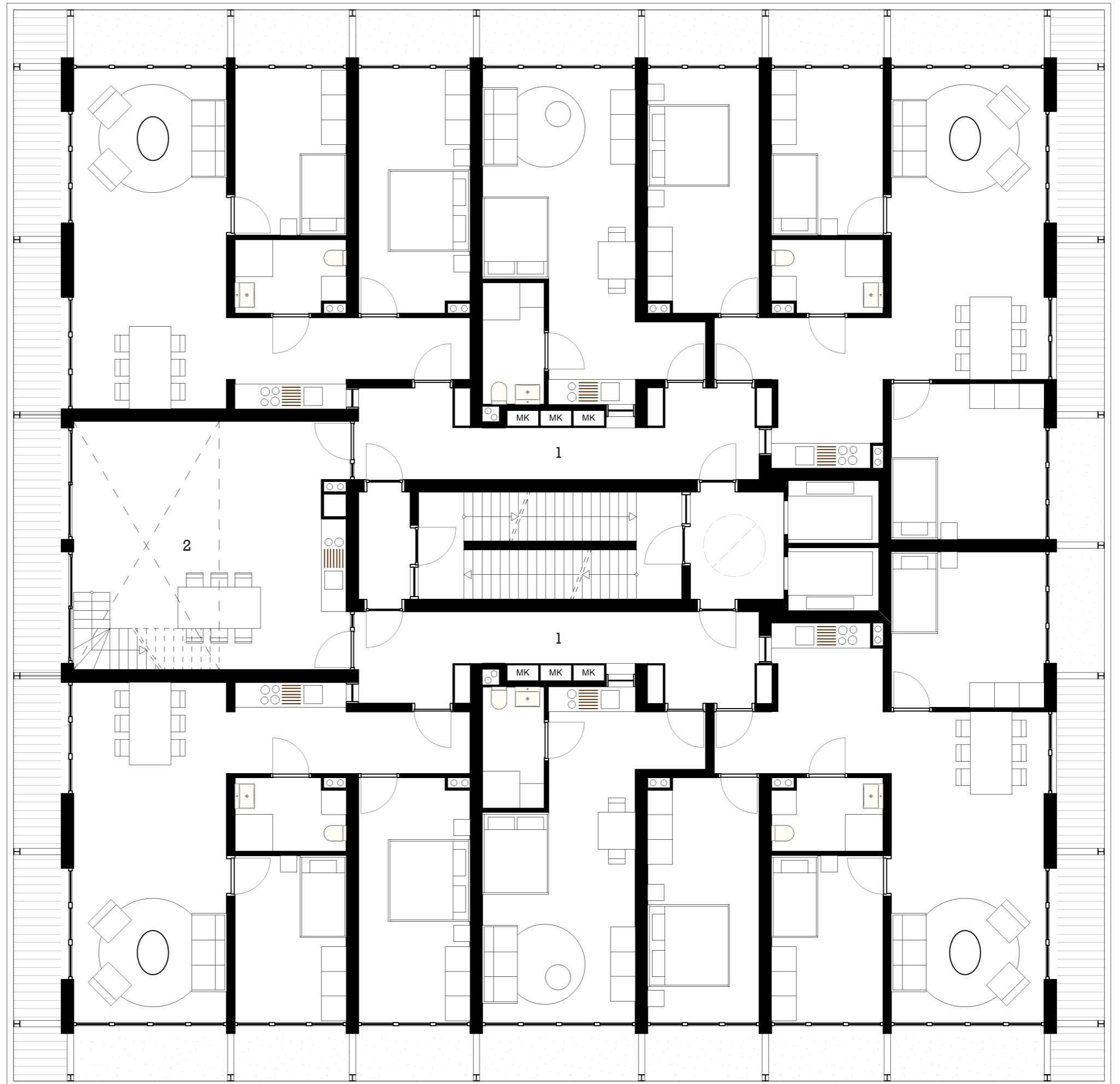




## The Shared room



# Family & extra care need 1/2



- 1 Hallway
- 2 Shared room

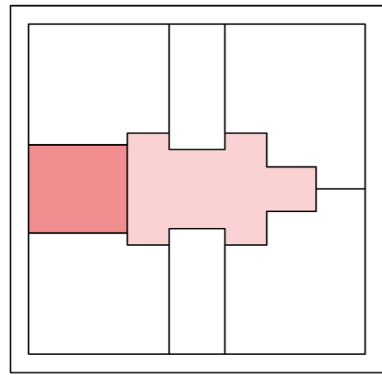


0 1 2 4m

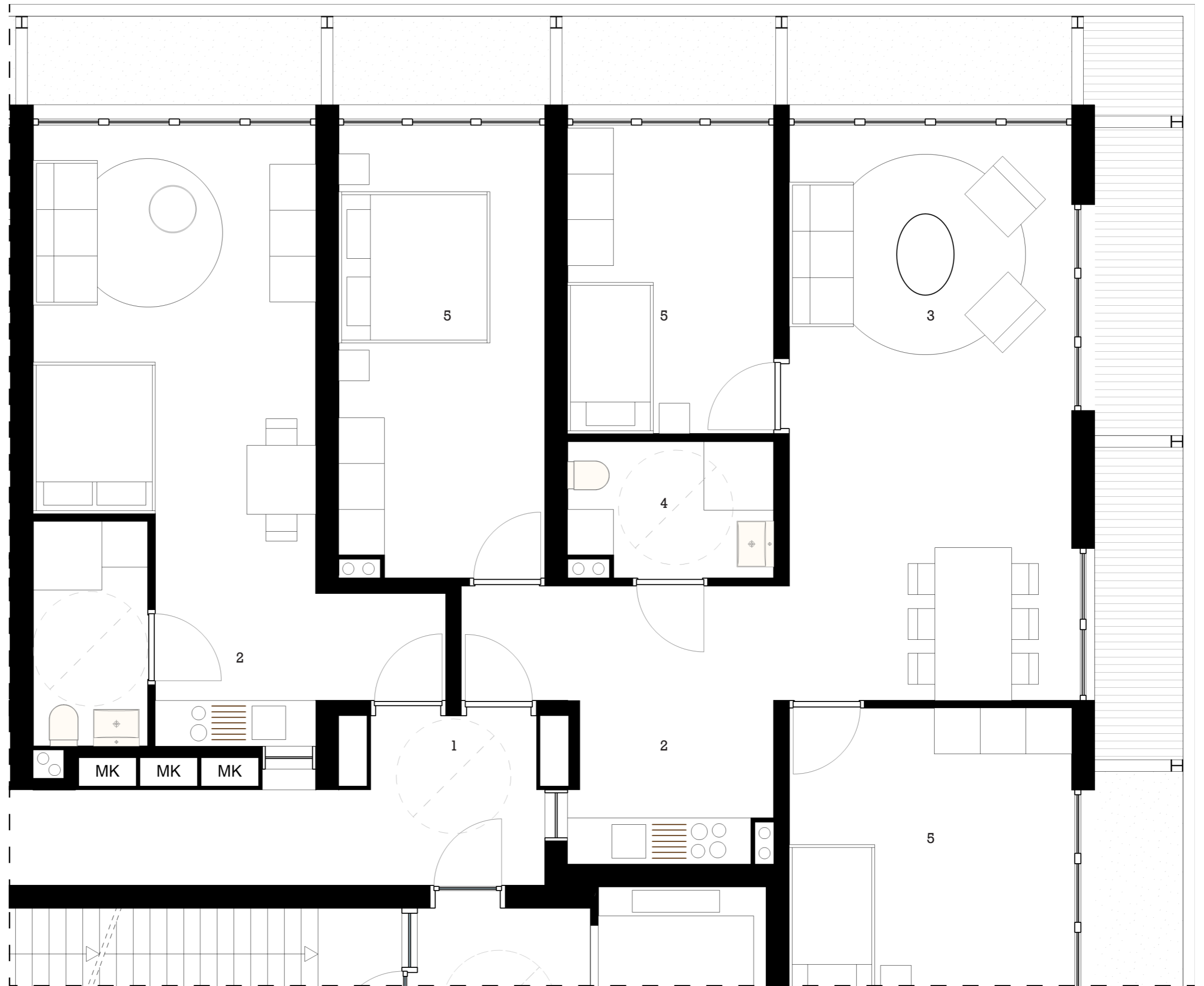
Front door



# Kangaroo apartment



- Main family 85 m2
- Studio 32 m2

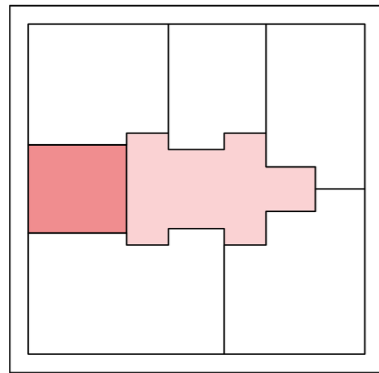


- 1 Entrance
- 2 Kitchen
- 3 Living room
- 4 Bathroom
- 5 Bedroom

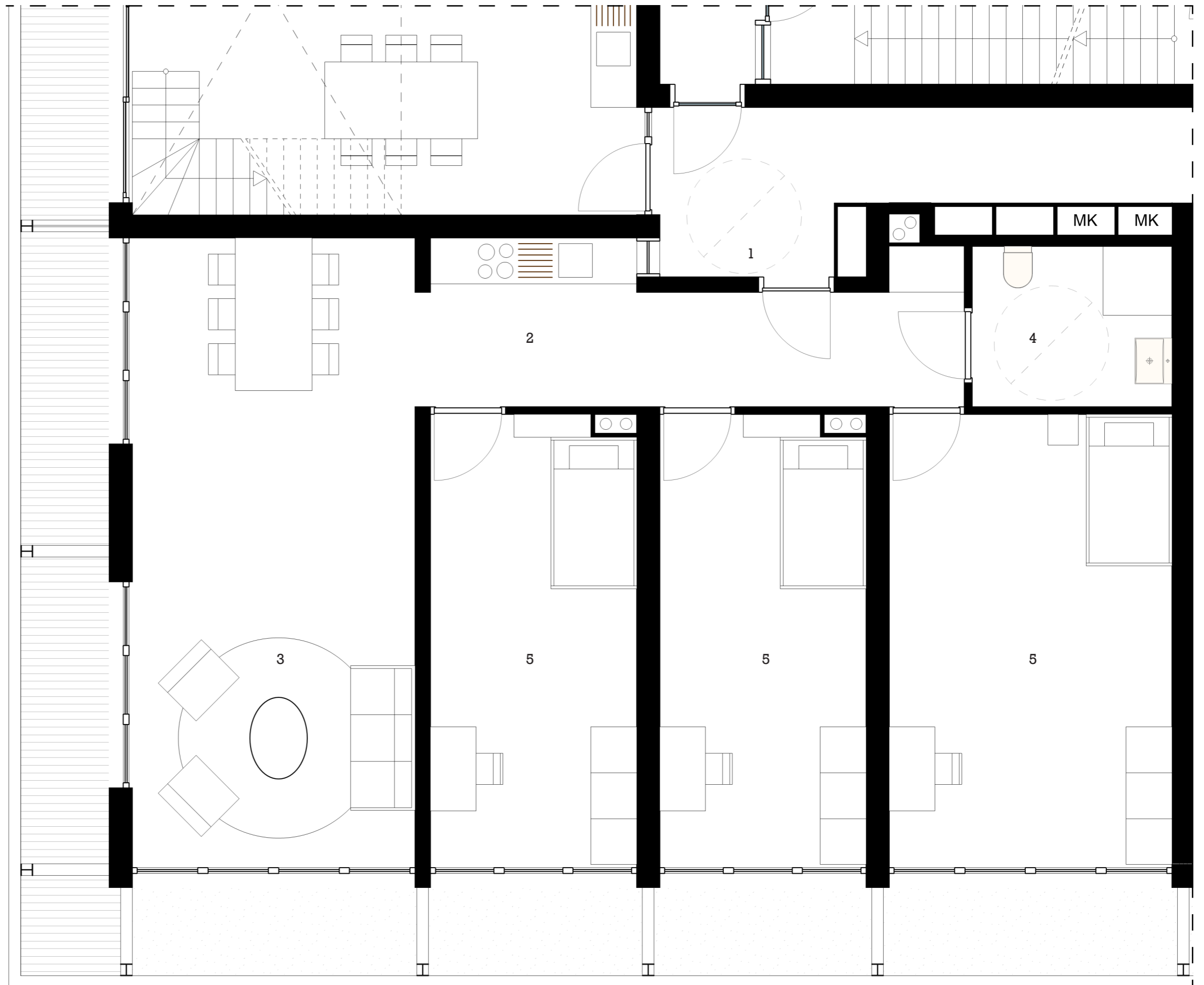


0 0.5 1 2m

# Singles apartment



- Shared space 49 m<sup>2</sup>  
 - Private bedroom 16-22 m<sup>2</sup>



- 1 Entrance
- 2 Kitchen
- 3 Living room
- 4 Bathroom
- 5 Bedroom

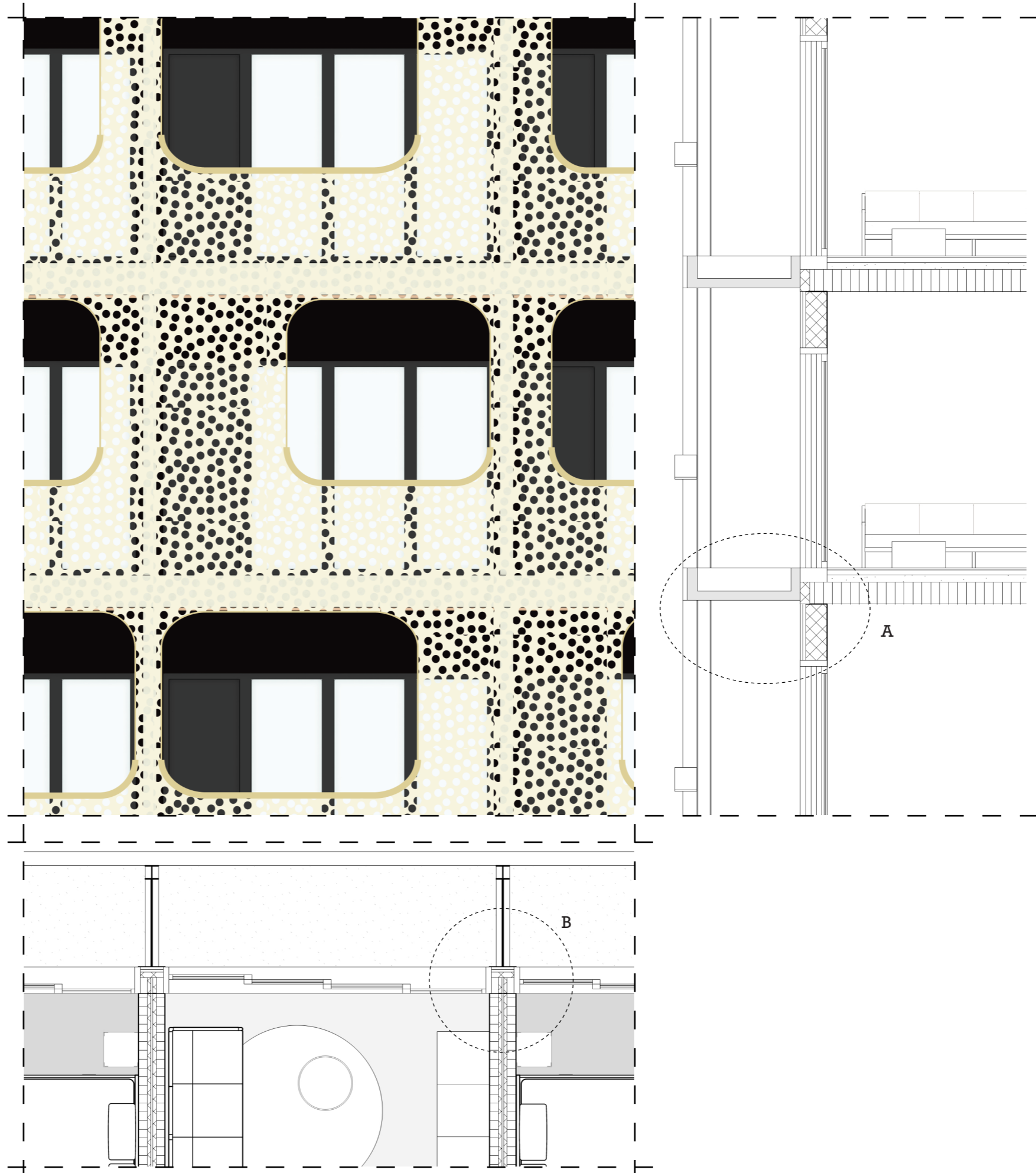


0 0.5 1 2m

**Kitchen &  
living room**



**Facade fragment**  
**1:50**



0 0.5 1 2m

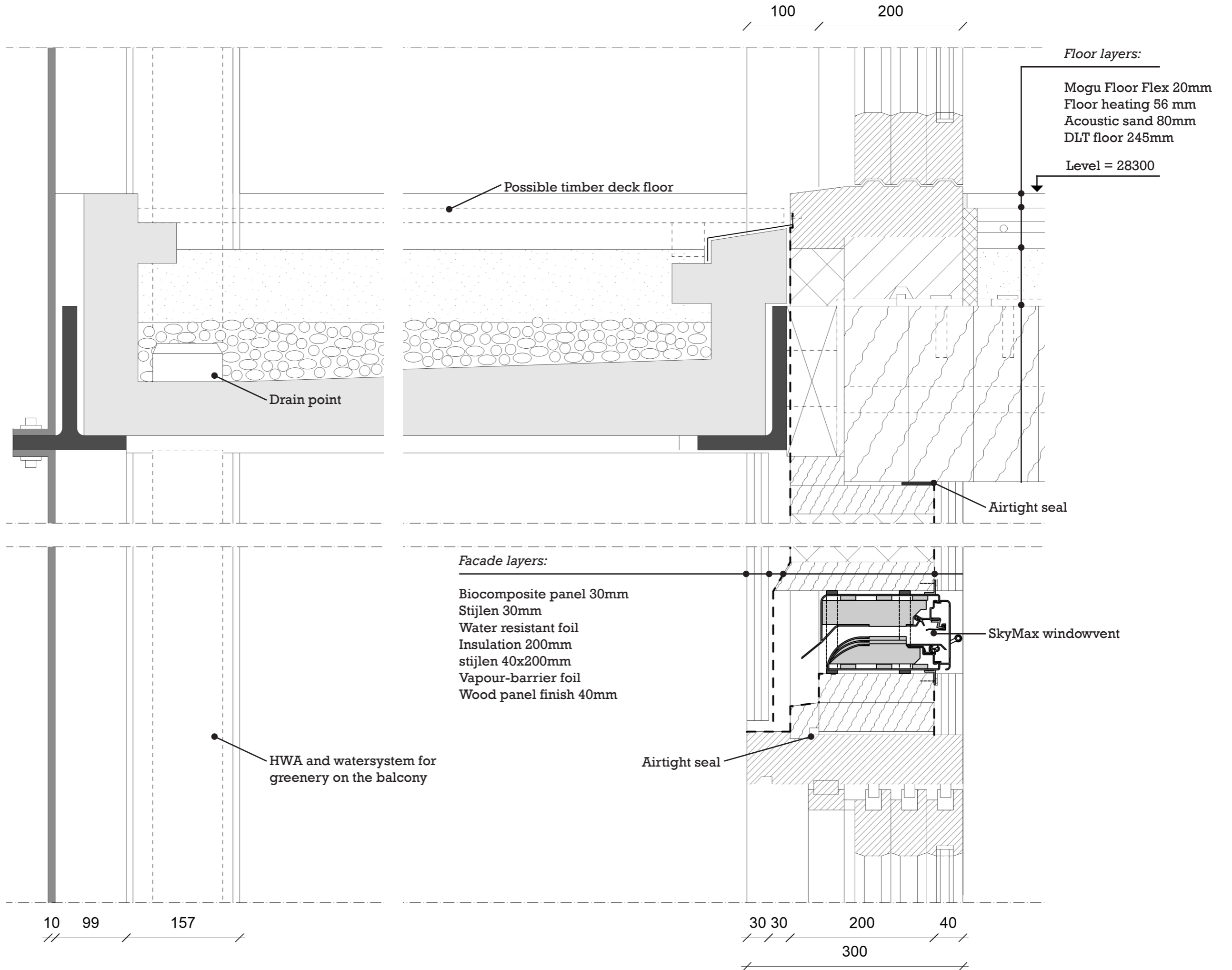
**Facade model  
1:20**



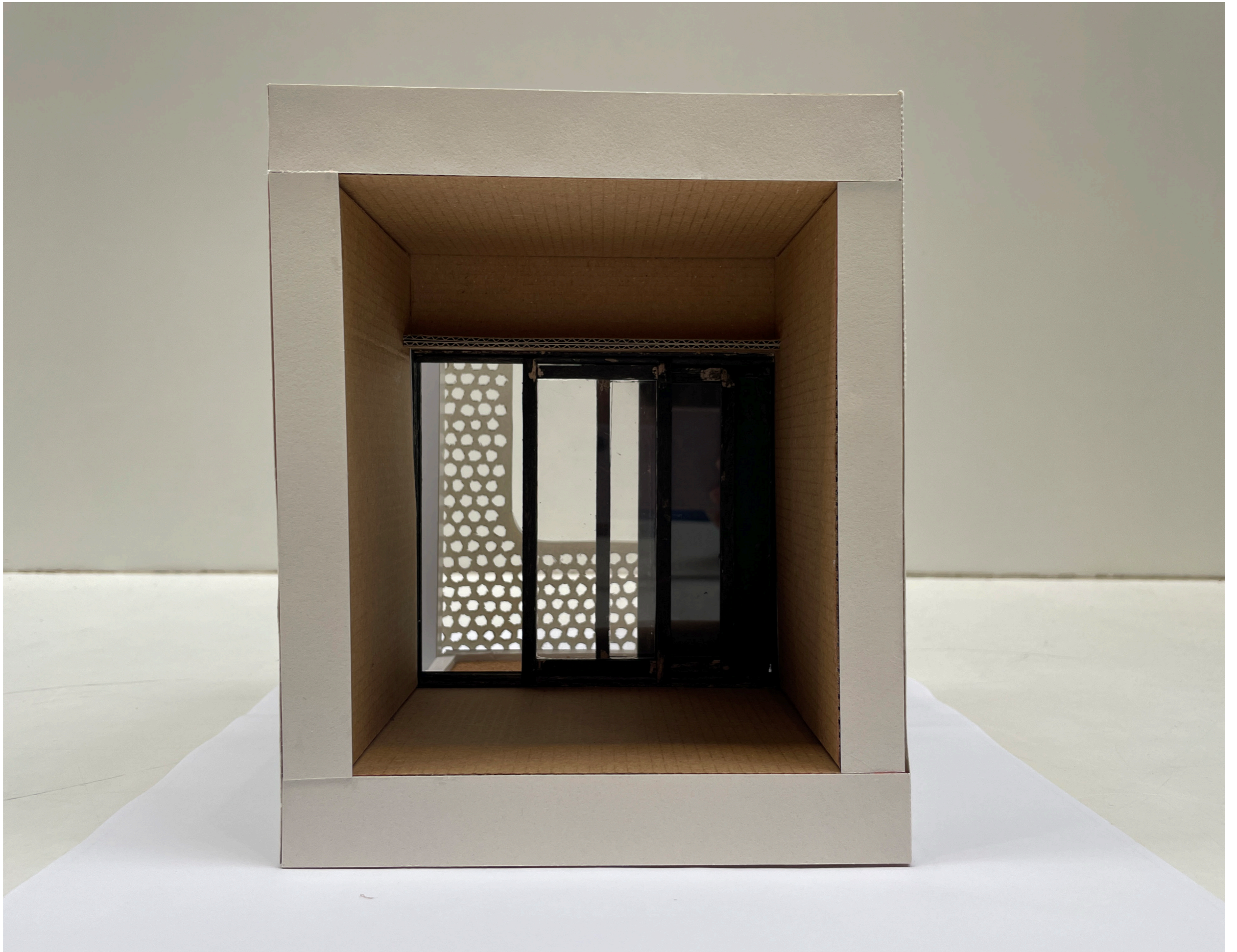


# Detail A 1:5

Floor & balcony  
ver.

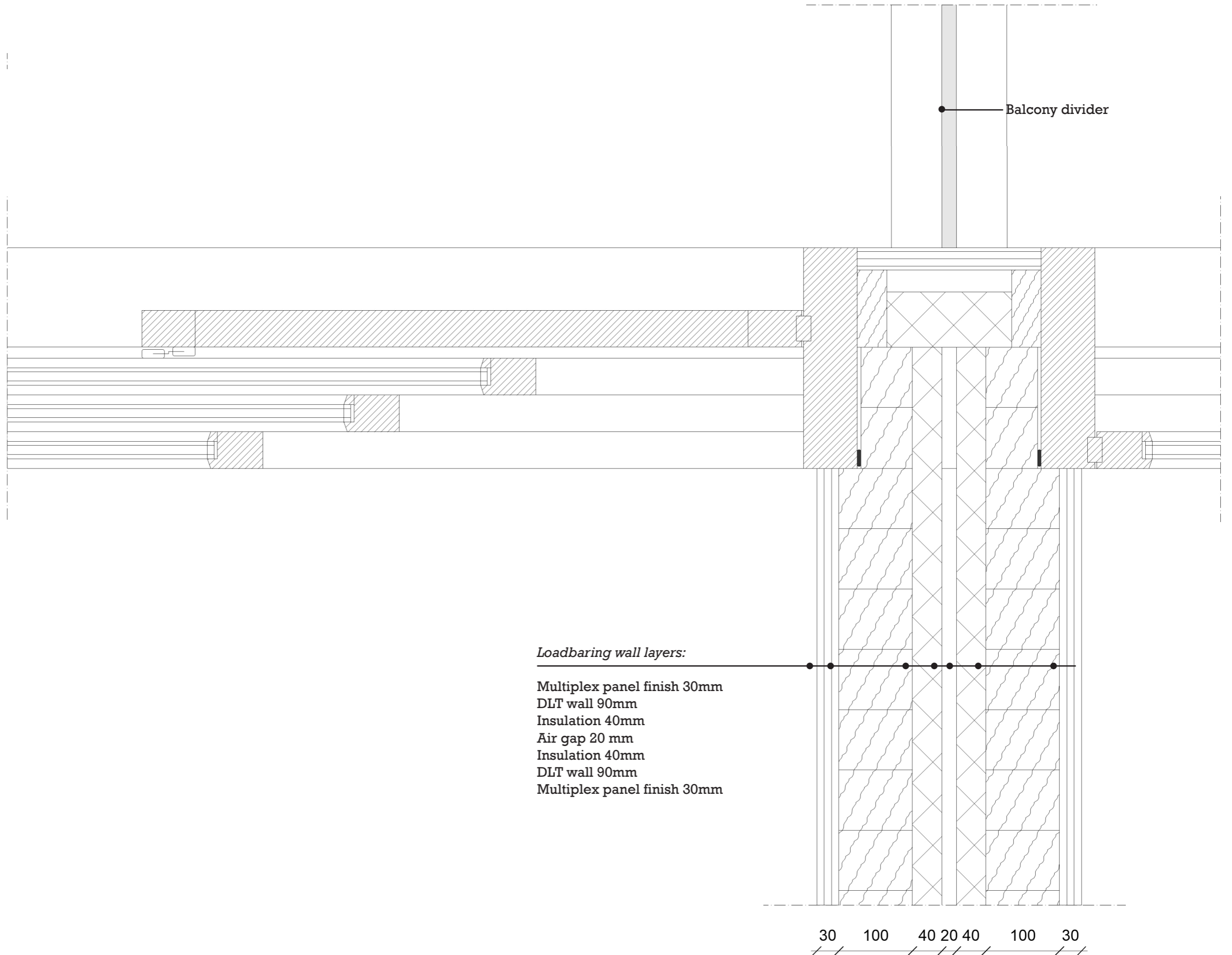


**Facade model  
1:20**



# Detail B 1:5

Window hor.

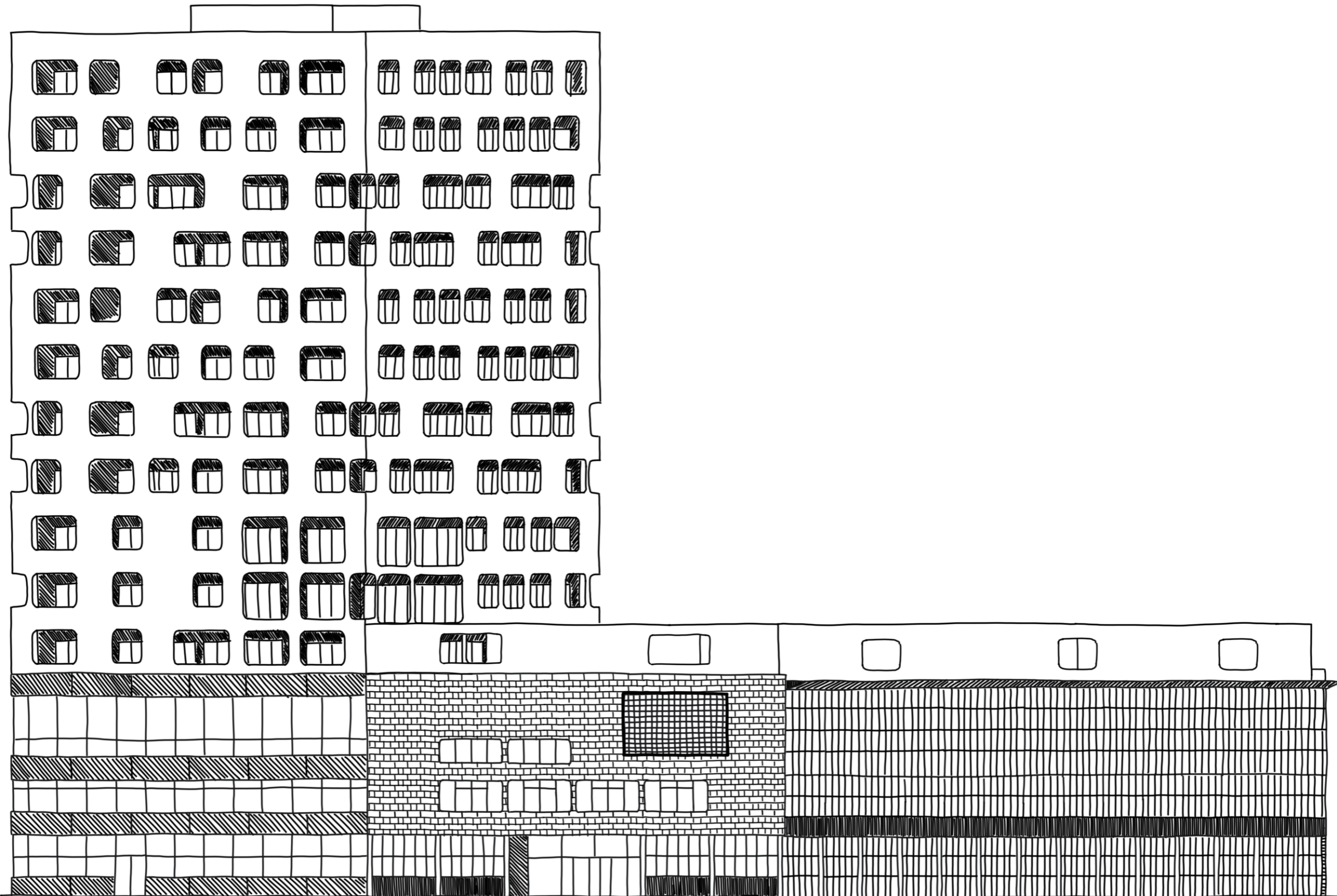


**The bedroom**



**The individual**





more time for care

linda hammerschlag