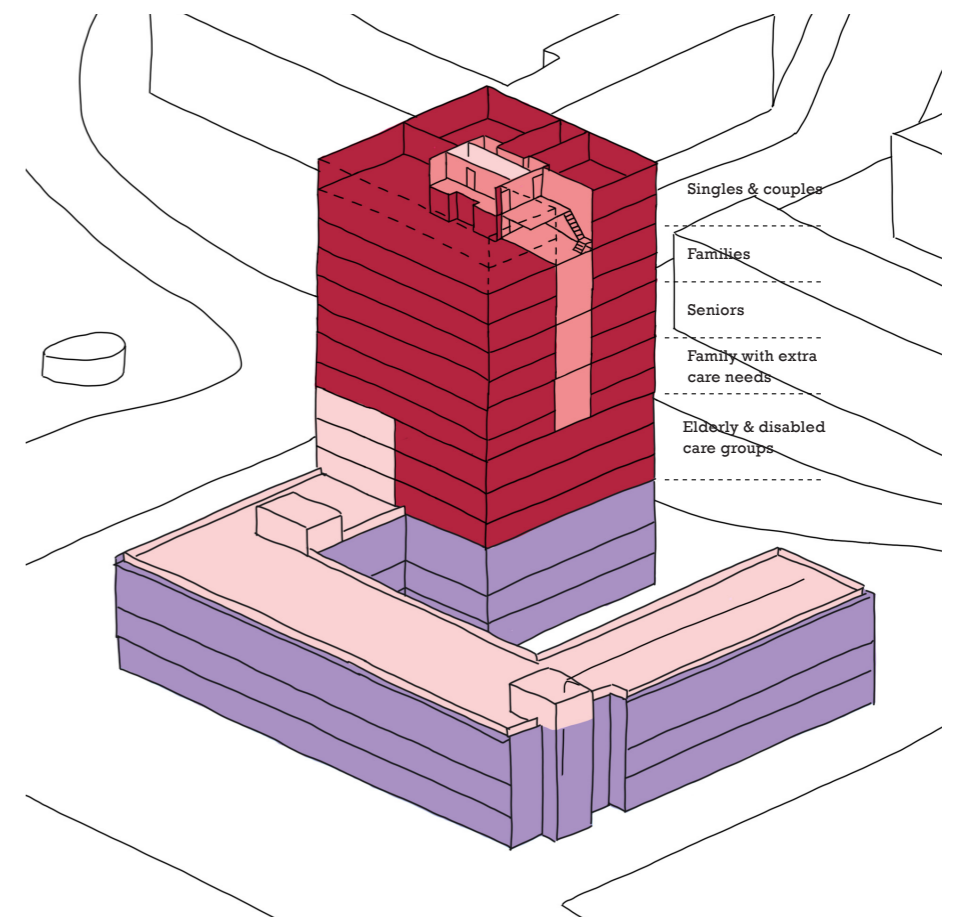
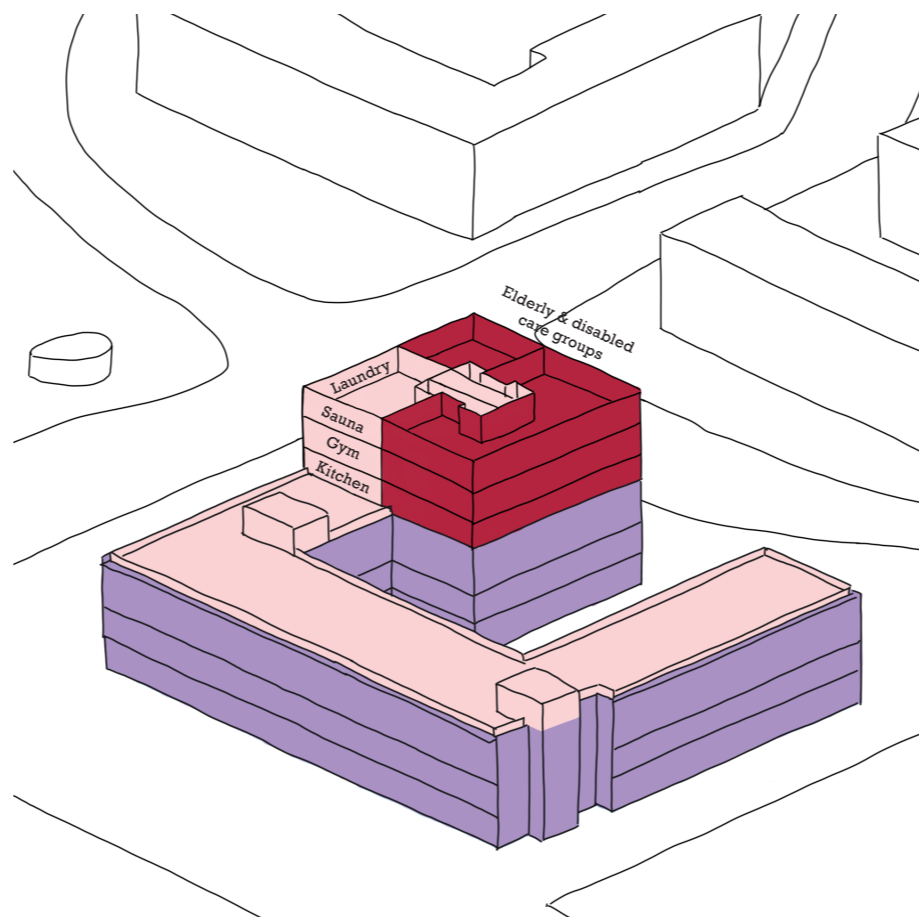
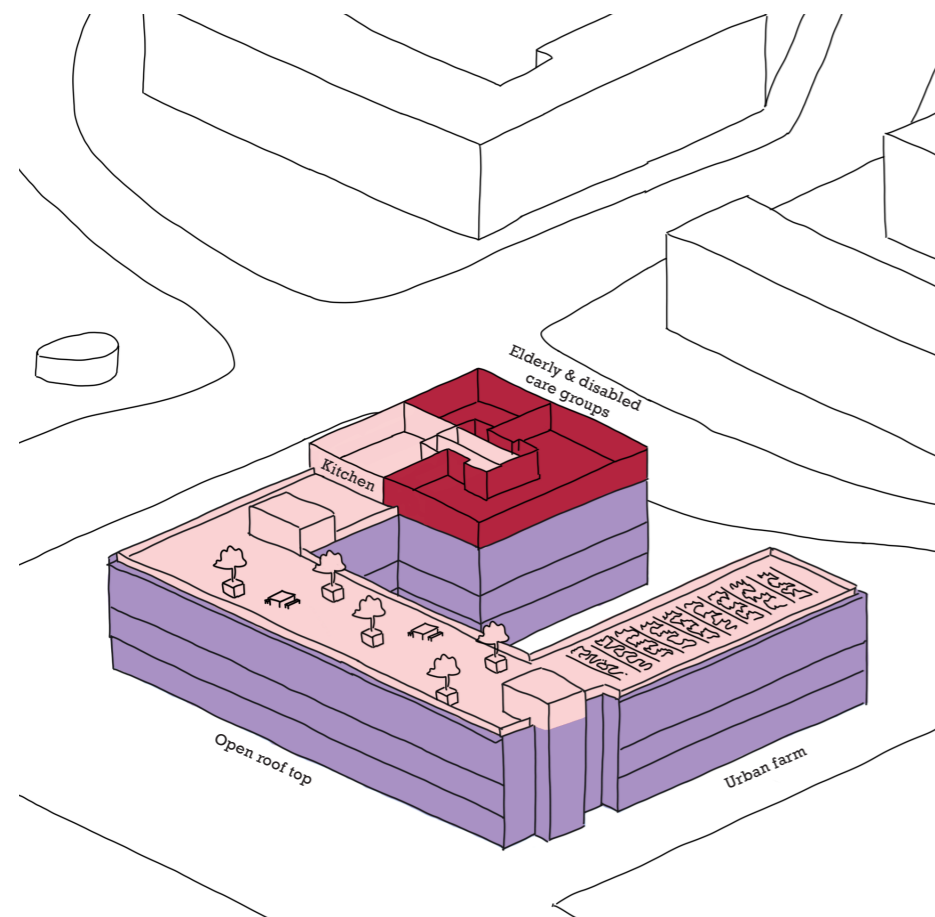
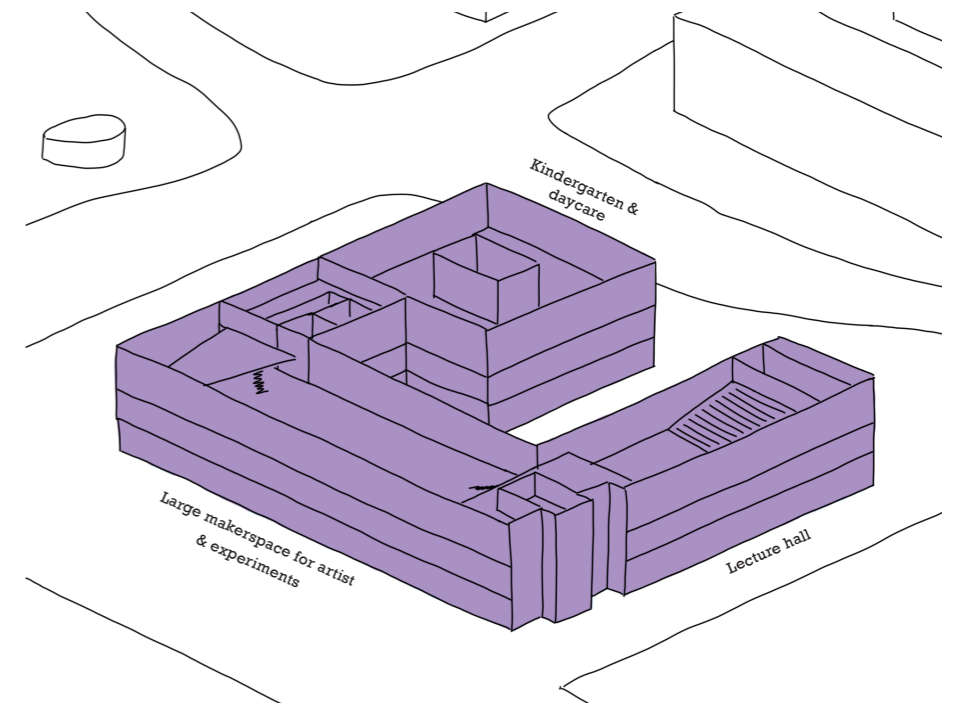
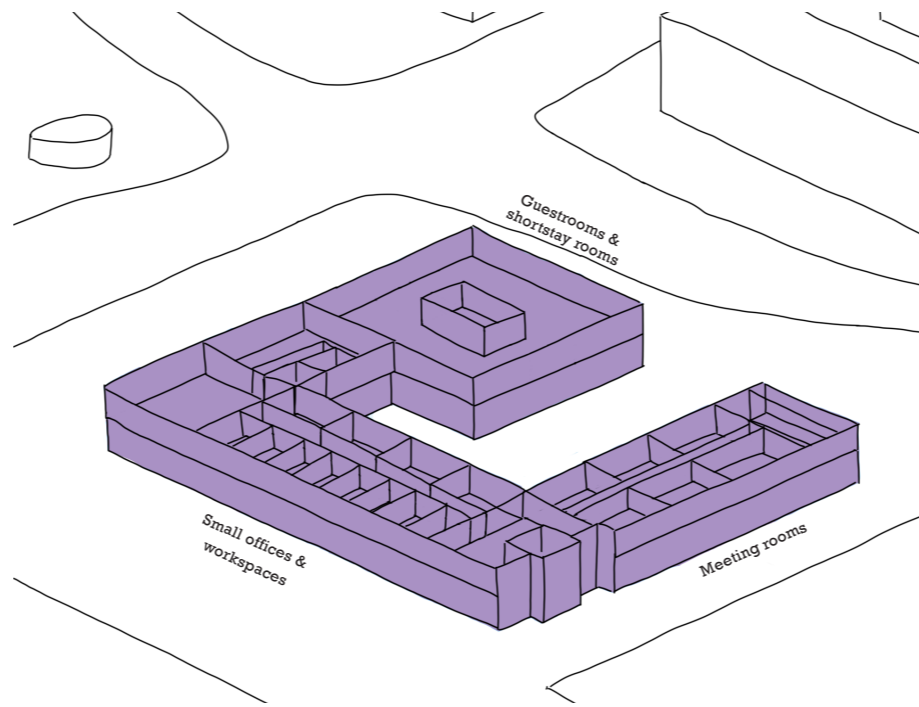
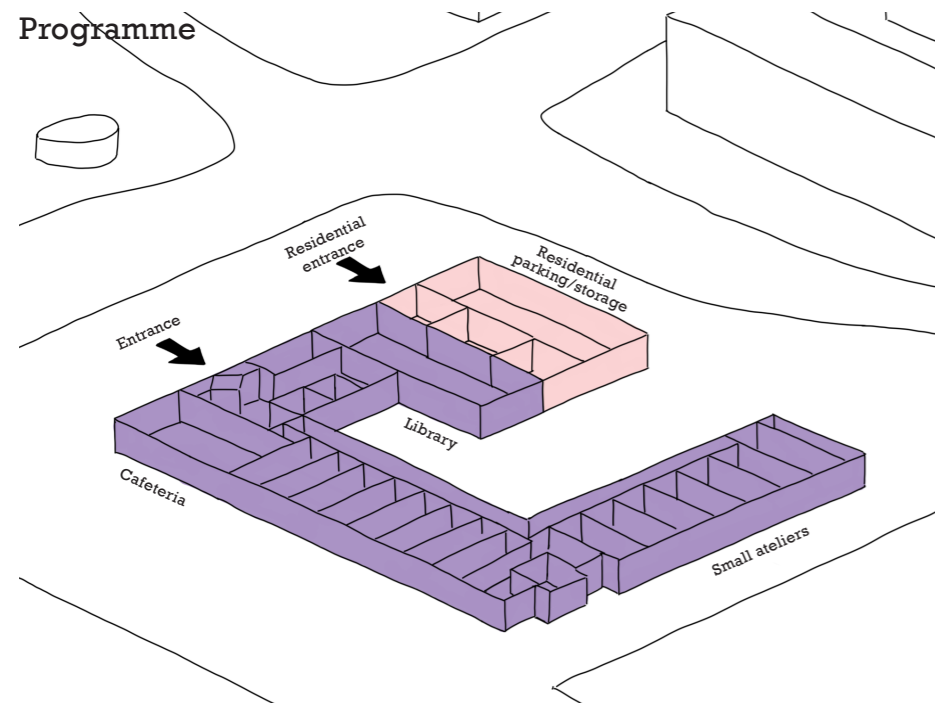


More time for care



Programme



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

Building programme
Dwelling typology and
circulation

Co-operative
housing
4.410 m²

30%

Shared space 232 m²

2%

Collective facilities
1850 m²

13%

Circulation 780m²

5%

Work, public &
commercial spaces
7285 m²

50%

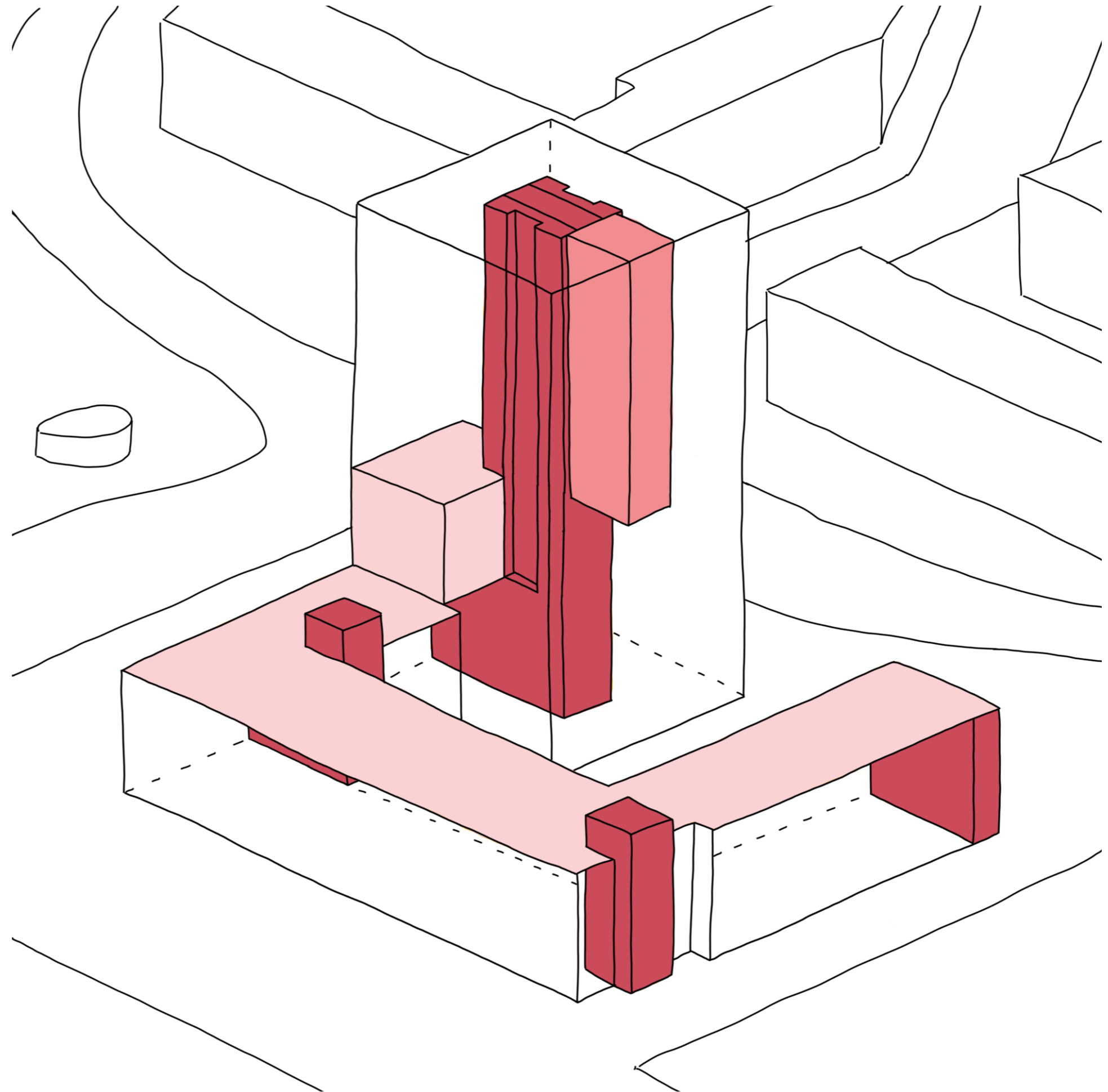
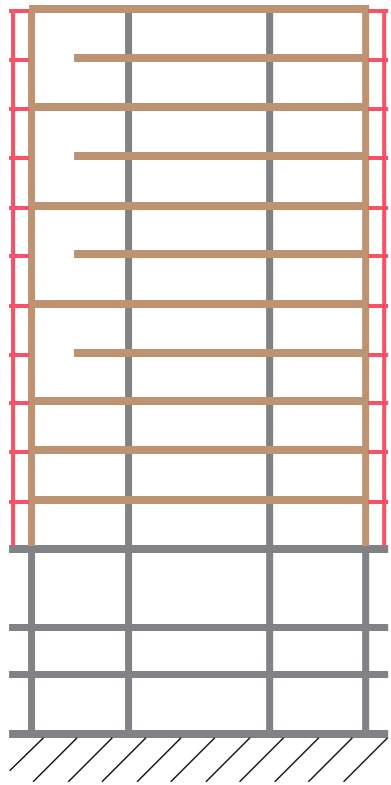
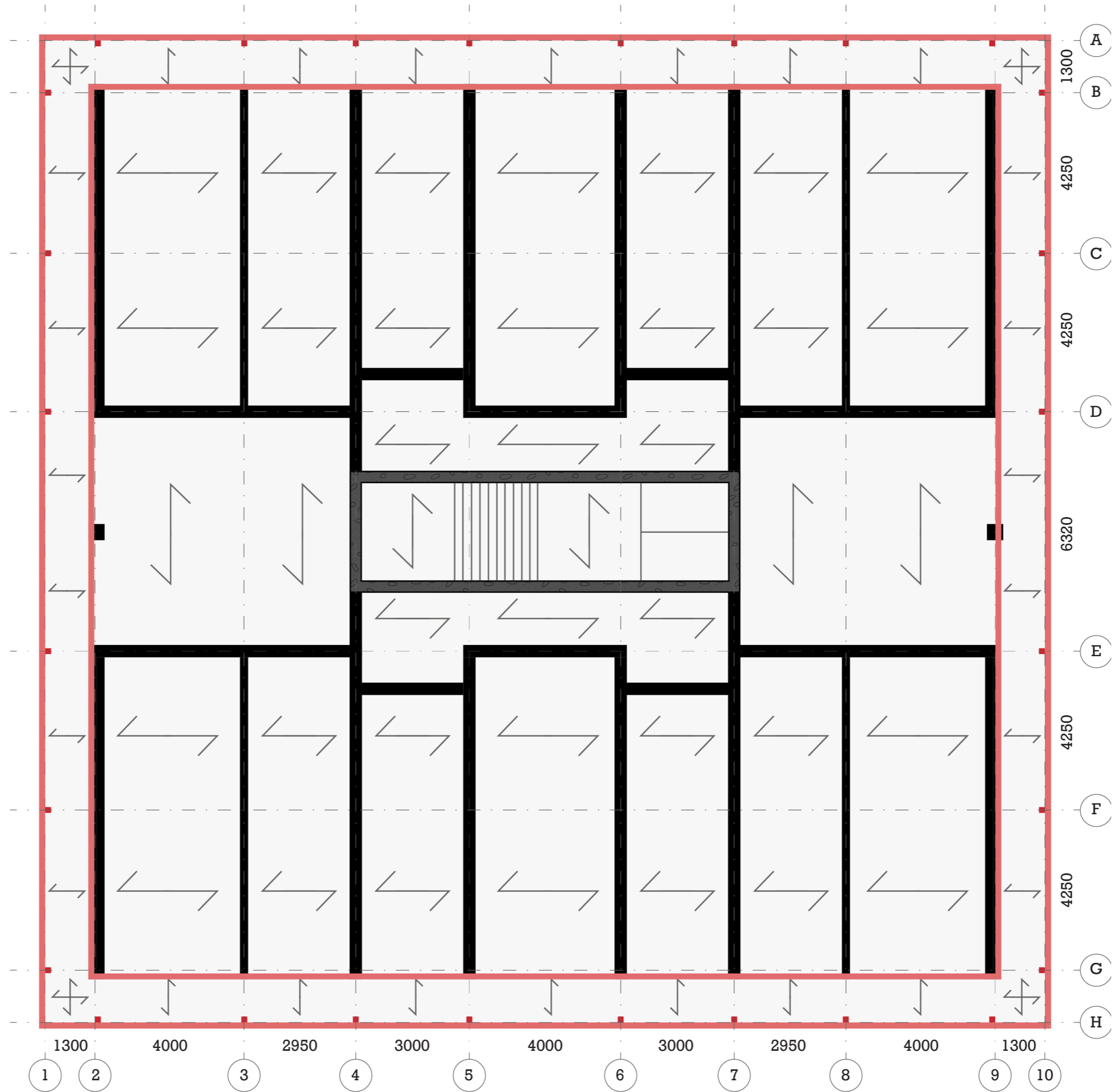


Diagram load-bearing structure

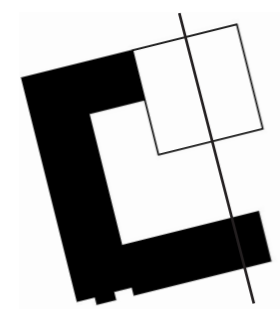
Section diagram



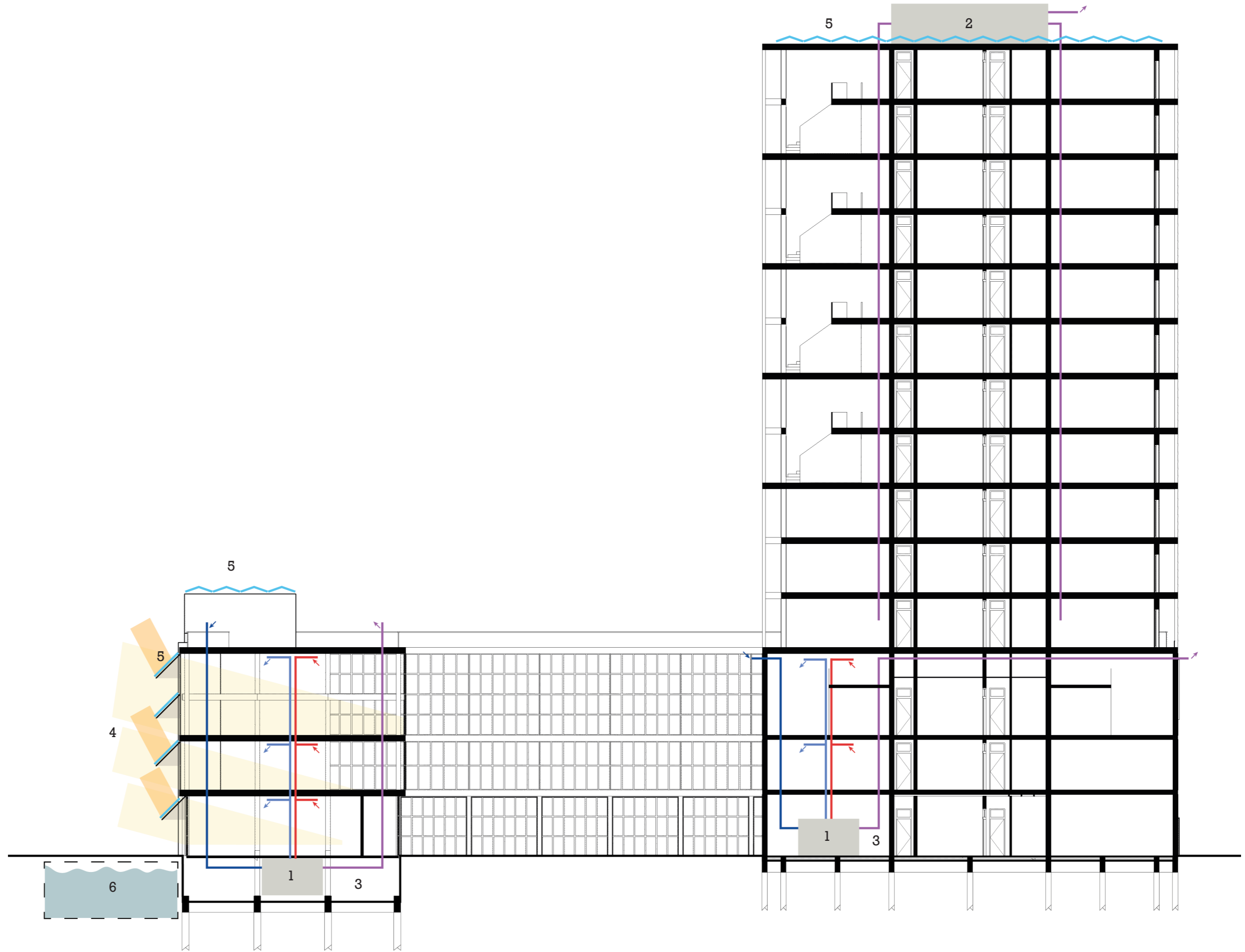
- DLT load-bearing walls
- Concrete load-bearing walls
- Steel colomns
- Steel beams



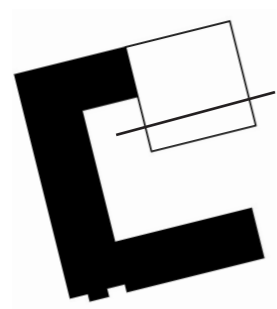
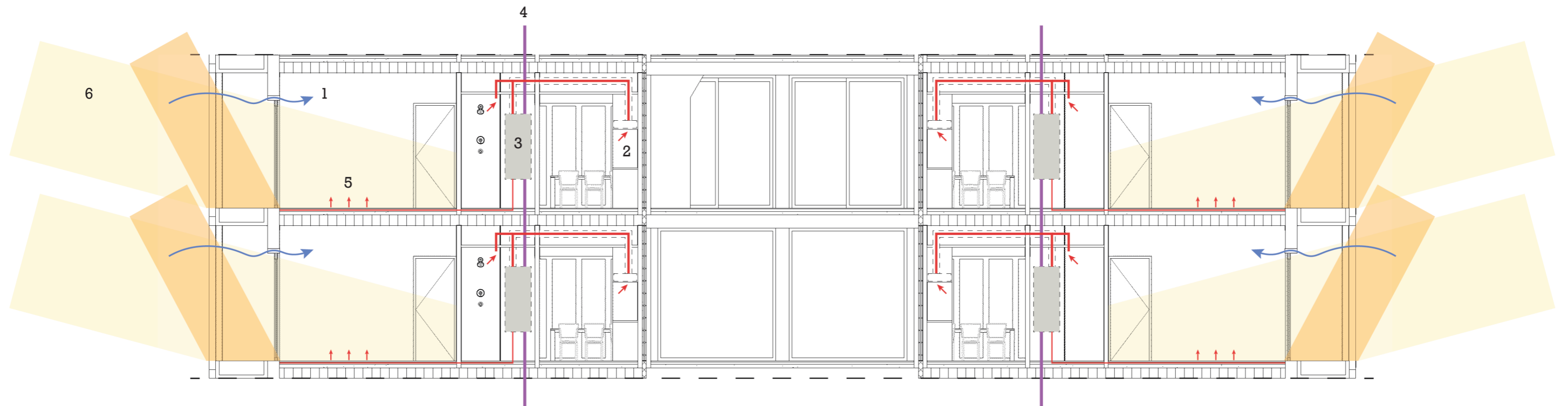
Climate design
Diagram



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



Climate design
Diagram



- 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

Sustainability principles

1) Demontable construction with steel construction, DLT floors and walls & floor heating



2) Biobased materials:
Floor by Mogu made by upcycling of agro-industrial residues



Facade by NPSP biocomposite panels



3) Energy with solar panels and smart technology for efficient ventilation and use the rainwater from the roofs.

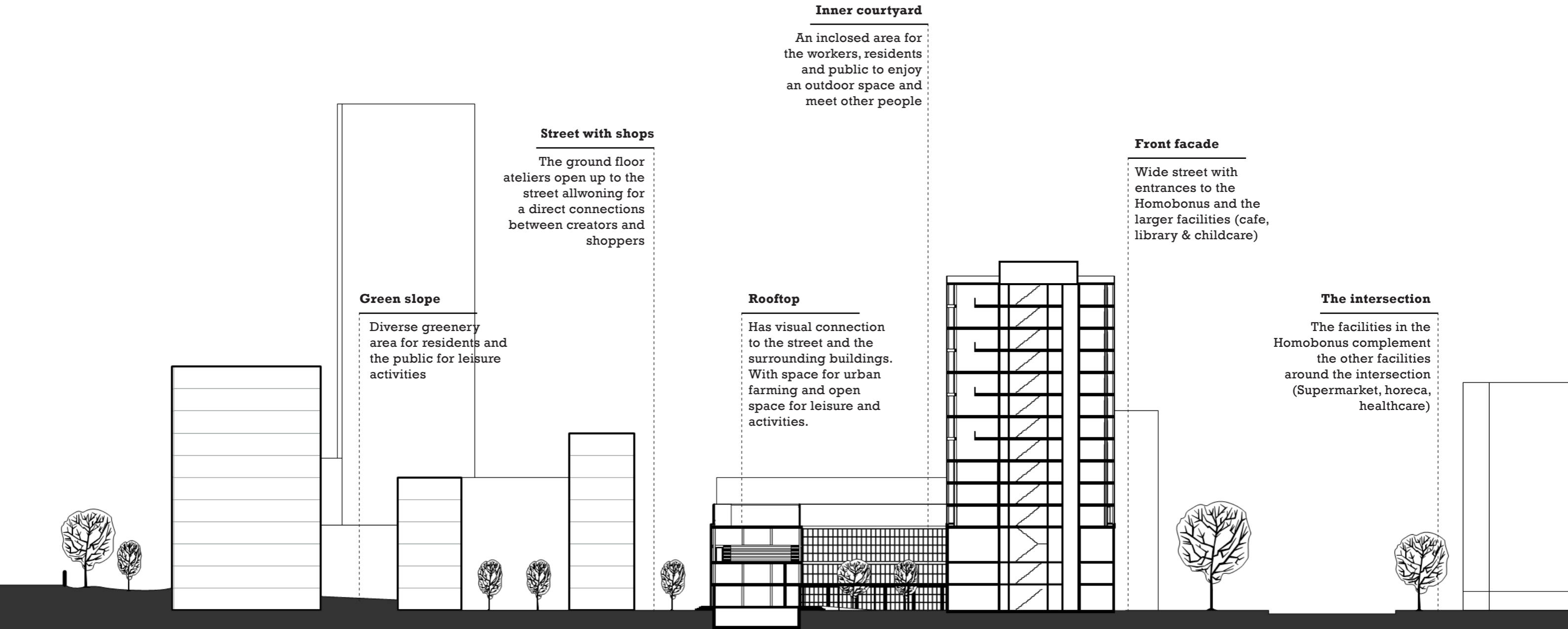


4) Social goals to facilitate different kinds of initiative and programme in the next 50 years.



Relation to the context

1:500



Inner courtyard

An inclosed area for the workers, residents and public to enjoy an outdoor space and meet other people

Street with shops

The ground floor ateliers open up to the street allowing for a direct connections between creators and shoppers

Front facade

Wide street with entrances to the Homobonus and the larger facilities (cafe, library & childcare)

Green slope

Diverse greenery area for residents and the public for leisure activities

Rooftop

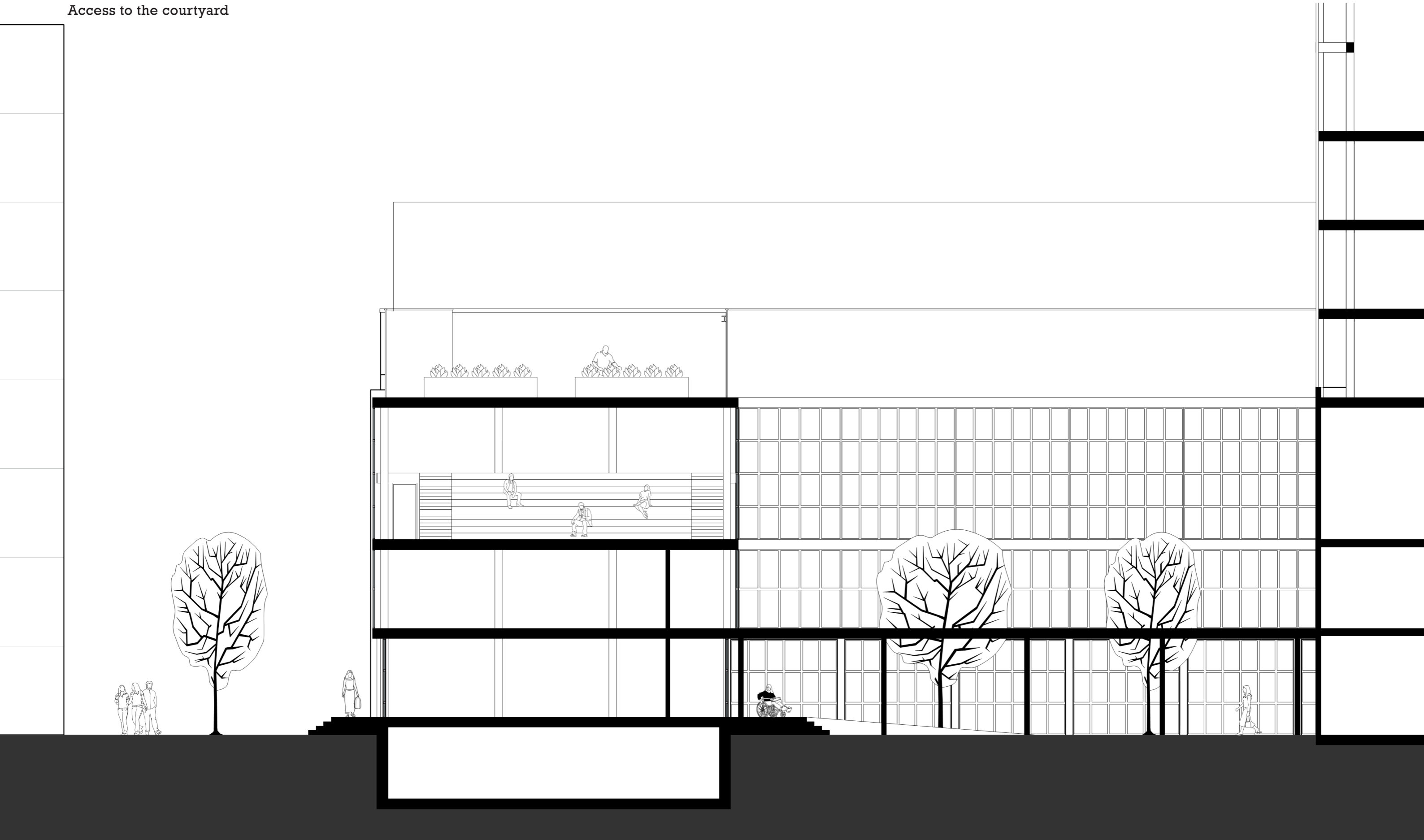
Has visual connection to the street and the surrounding buildings. With space for urban farming and open space for leisure and activities.

The intersection

The facilities in the Homobonus complement the other facilities around the intersection (Supermarket, horeca, healthcare)

0 5 10 20m

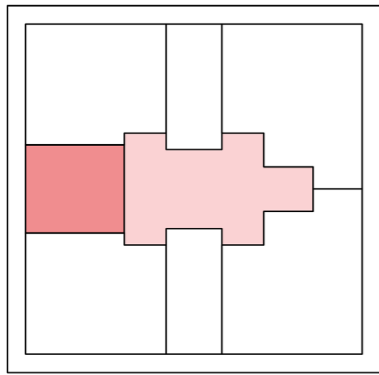
Access to the courtyard



0 1 2 4m

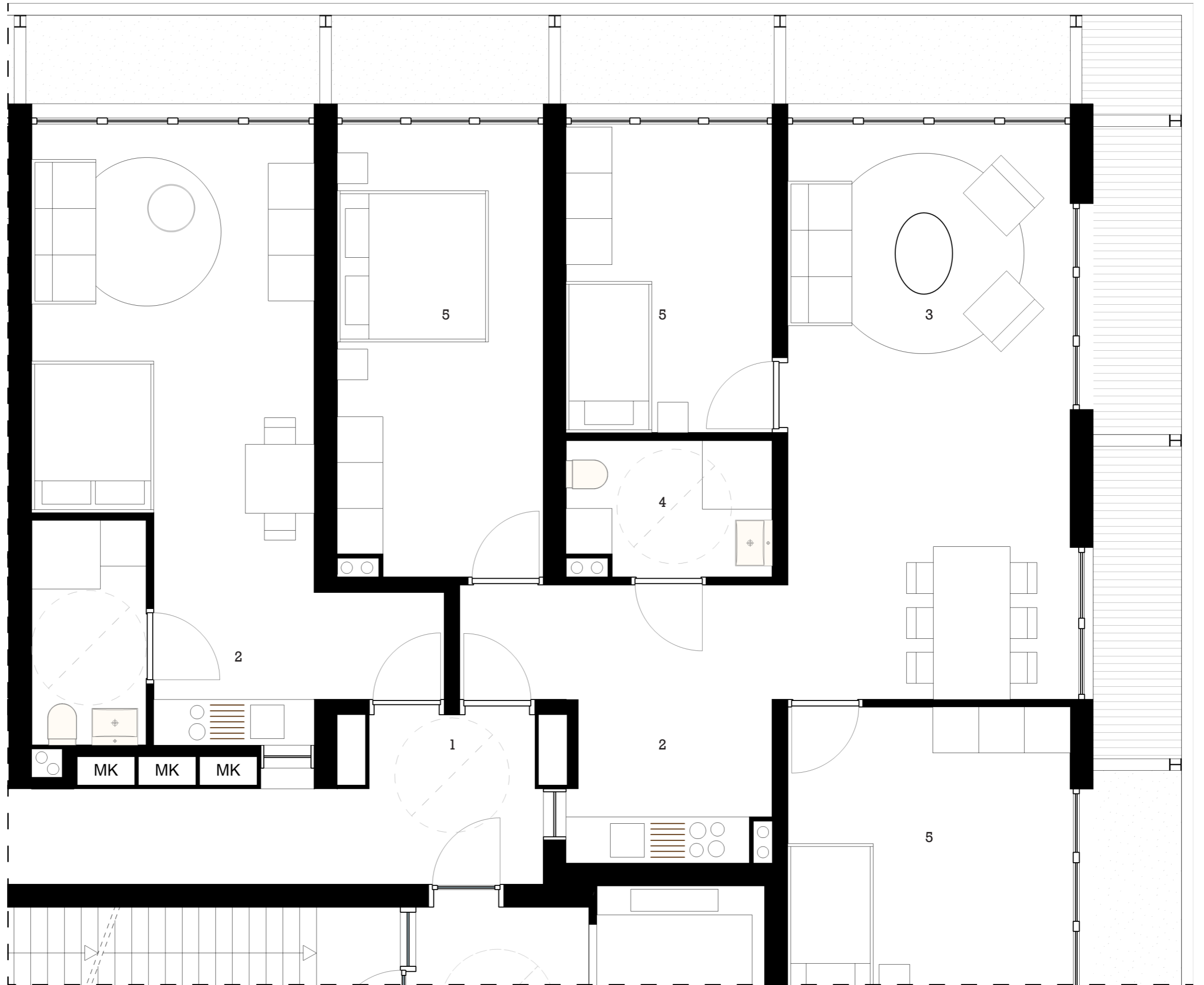
Kangaroo apartment

1:50



- Main family 85 m2

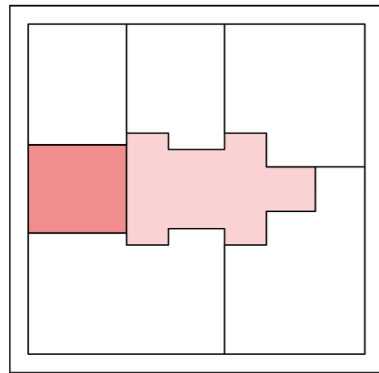
- Studio 32 m2



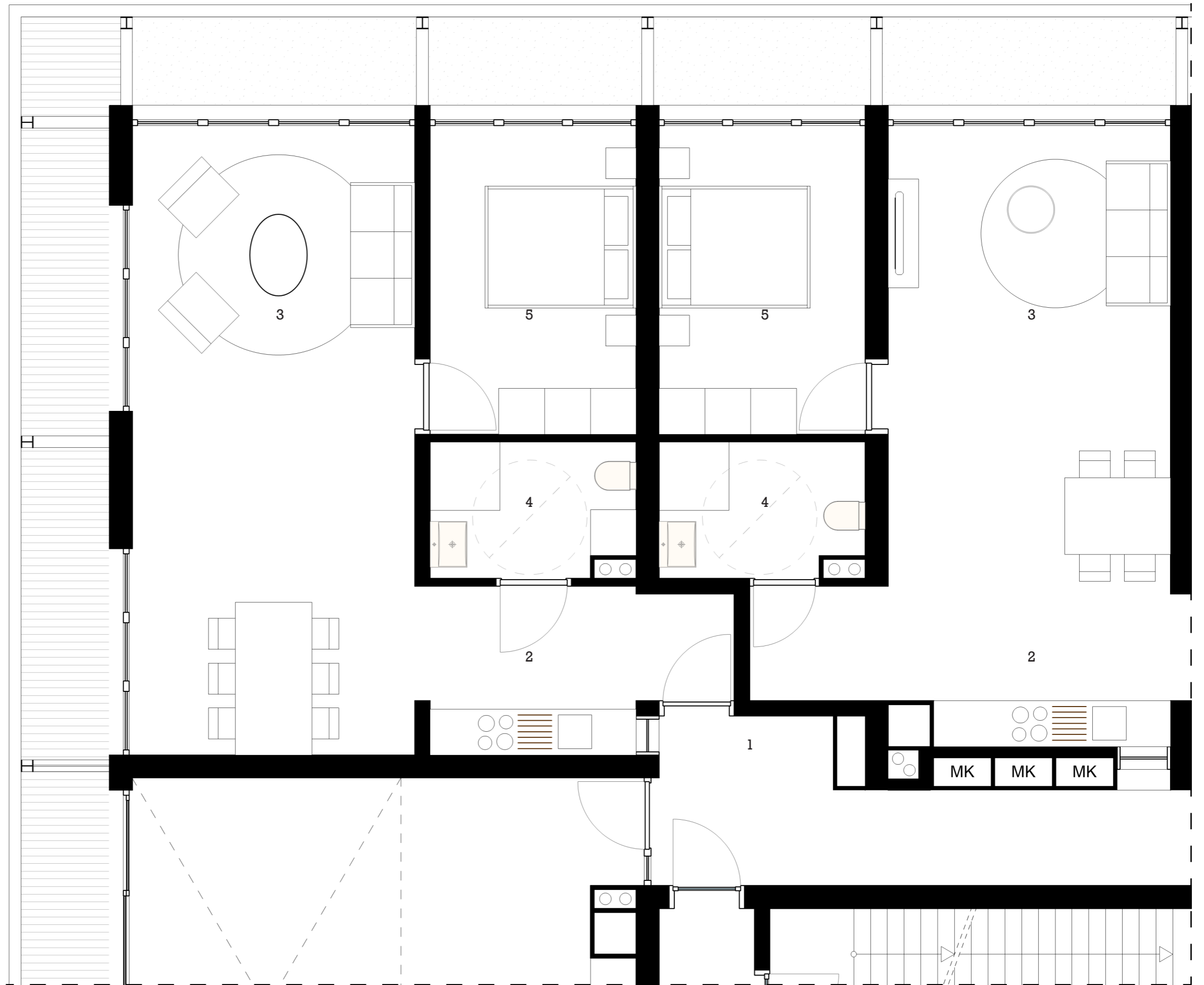
- 1 Entrance
- 2 Kitchen
- 3 Living room
- 4 Bathroom
- 5 Bedroom



1 bedroom apartment
1:50



50-54 m2



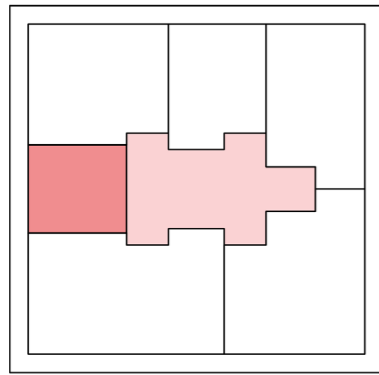
- 1 Entrance
- 2 Kitchen
- 3 Living room
- 4 Bathroom
- 5 Bedroom



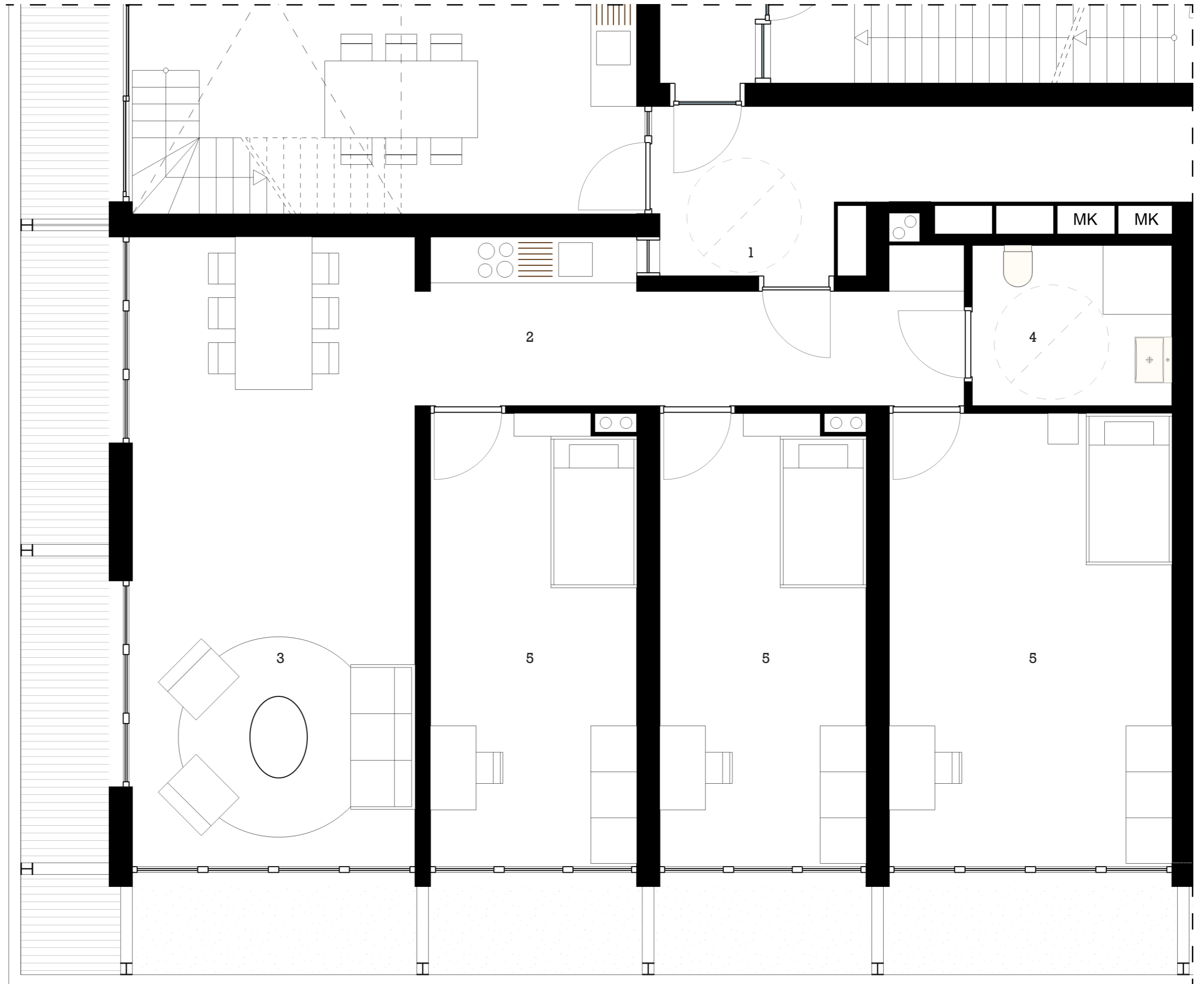
0 0.5 1 2m

Singles apartment

1:50



- Shared space 49 m²
- Private bedroom 16-22 m²



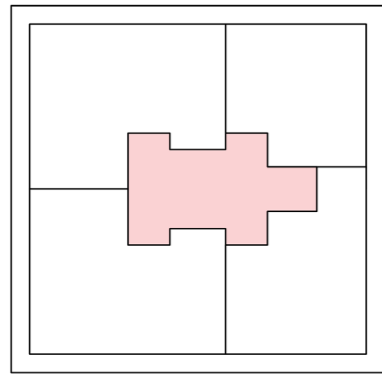
- 1 Entrance
- 2 Kitchen
- 3 Living room
- 4 Bathroom
- 5 Bedroom



0 0.5 1 2m

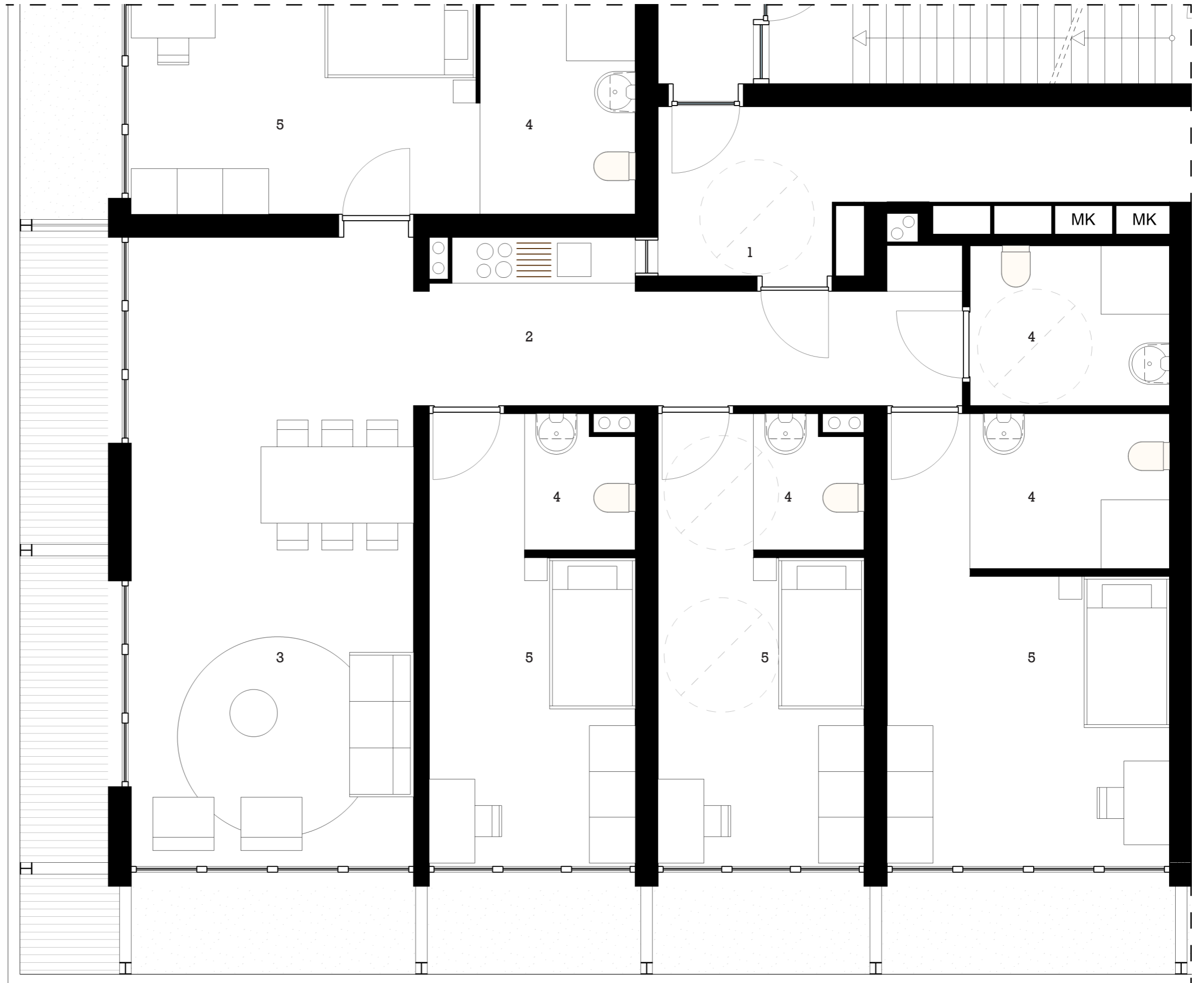
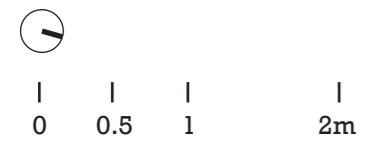
Elderly care rooms

1:50

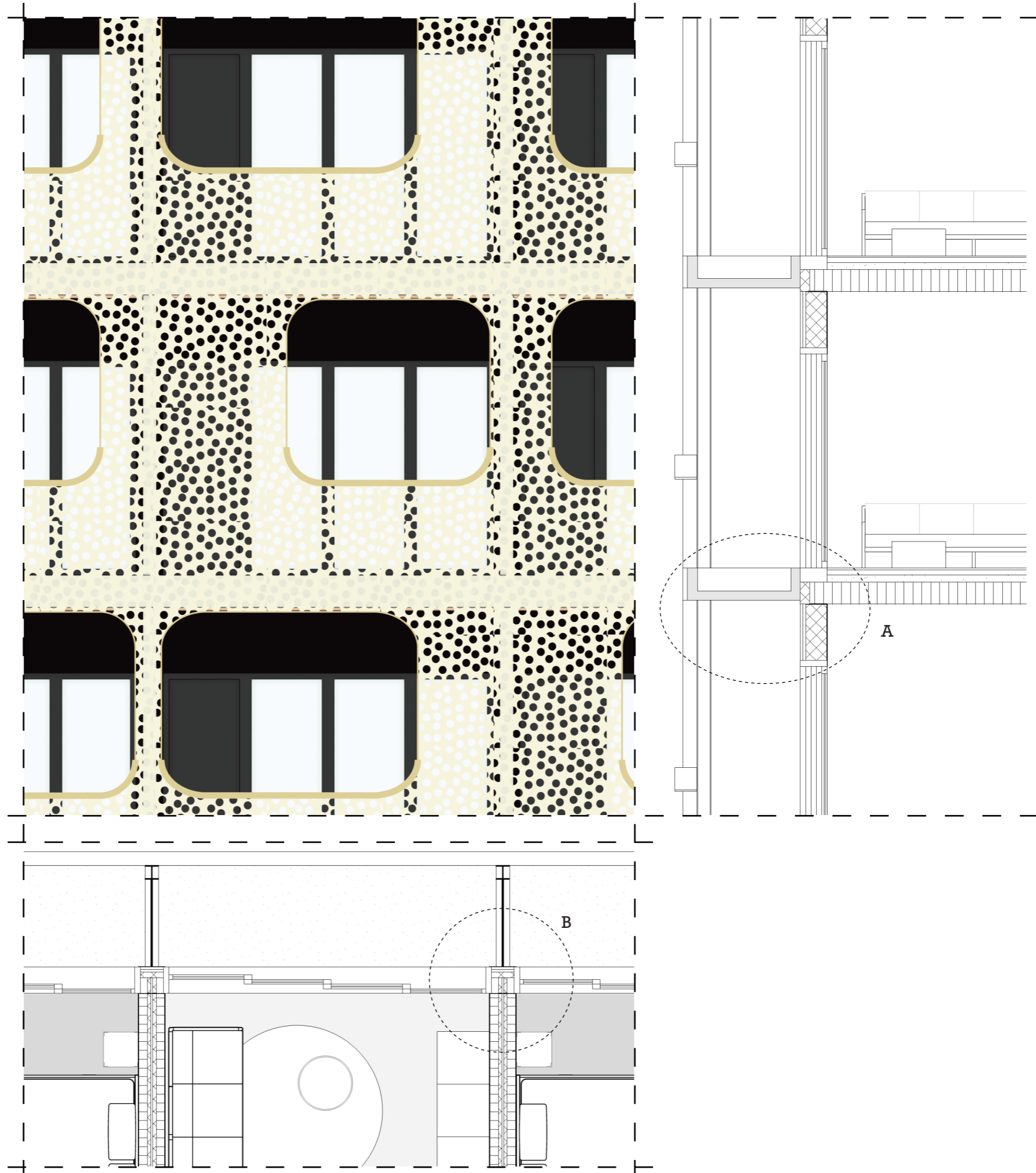


- Shared space 49 m²
- Private bedroom 16-22 m²

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

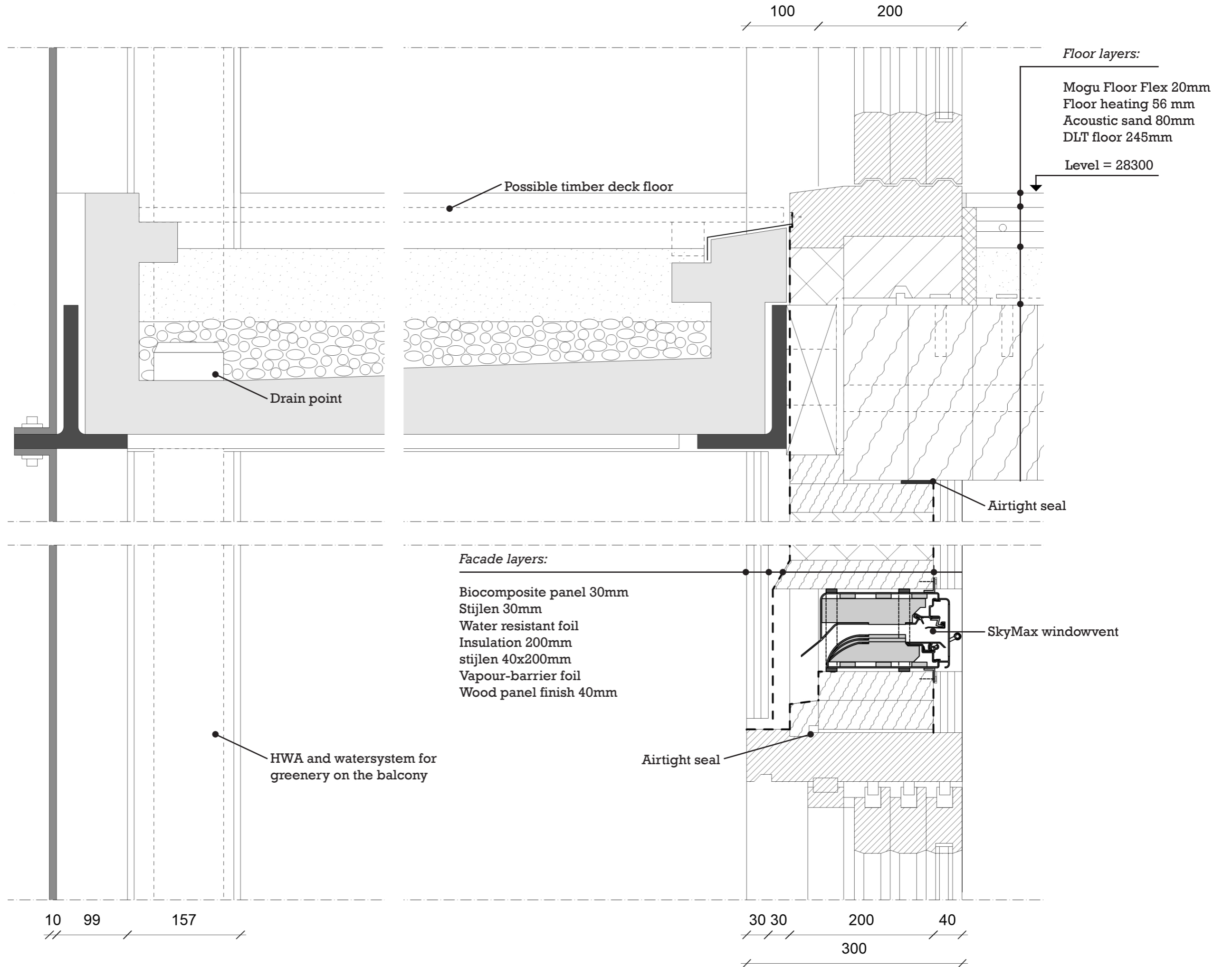


Facade fragment
1:50



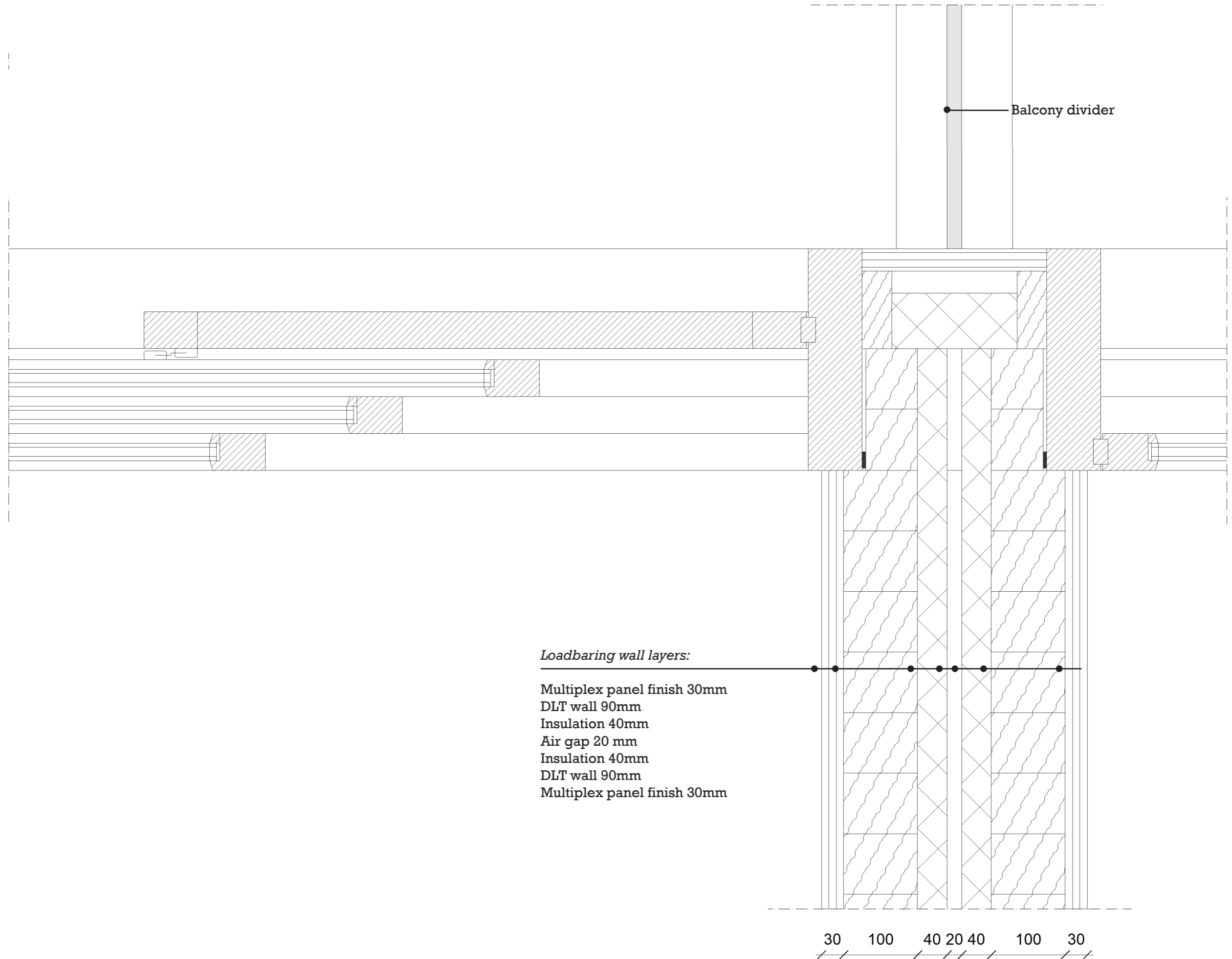
0 0.5 1 2m

Detail A 1:5
Balcony and facade

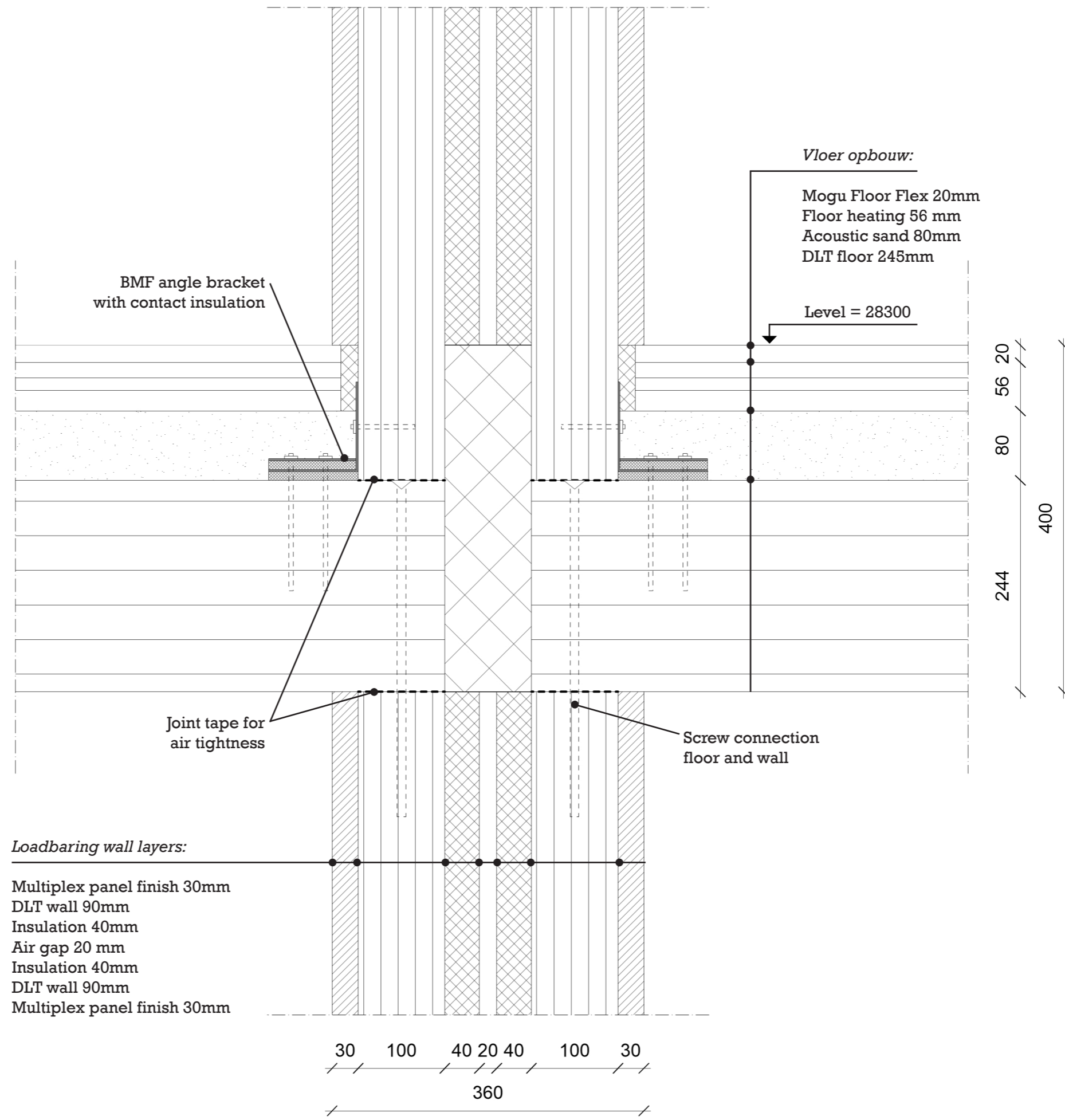


0 0.5 1 2m

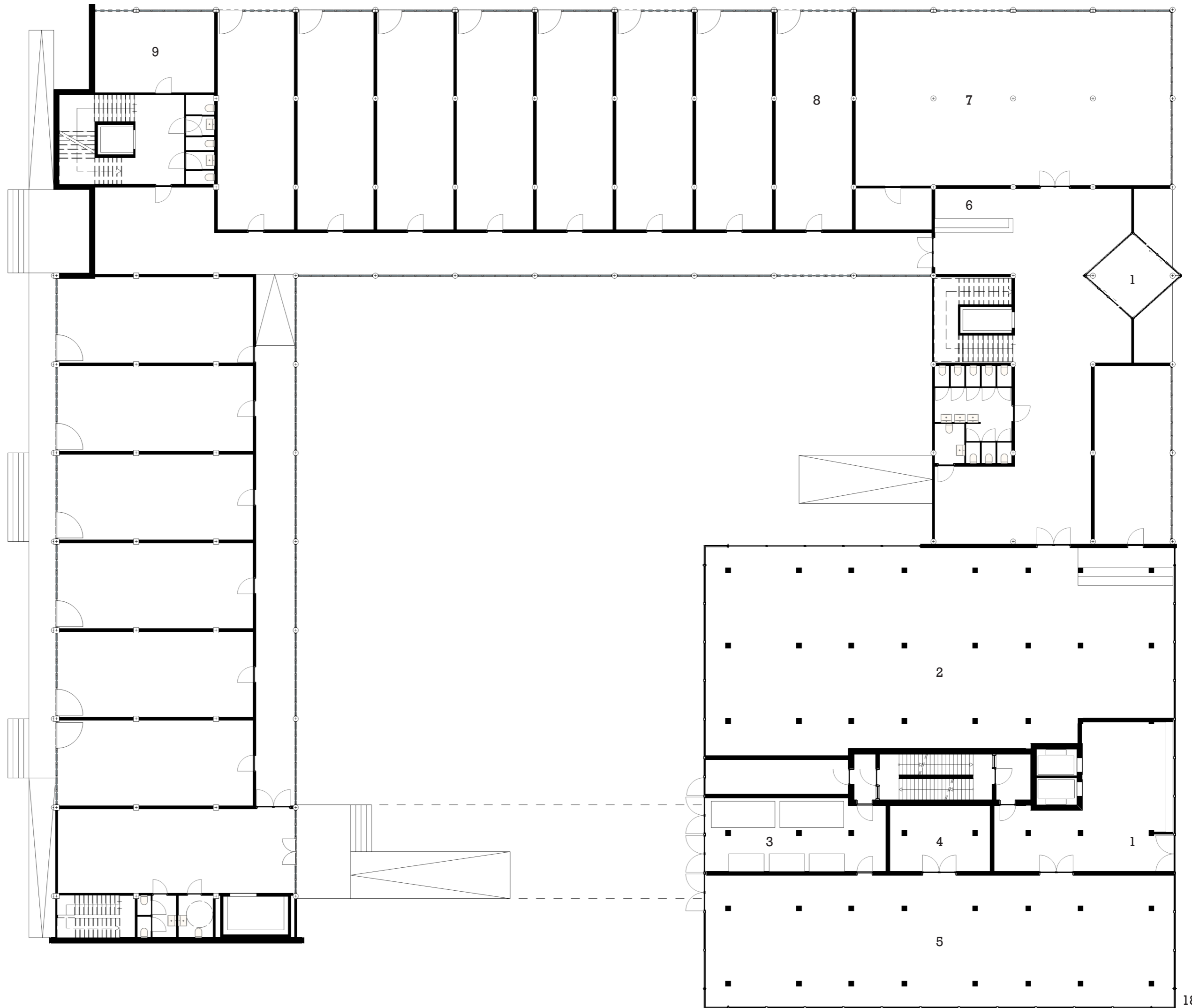
Detail B 1:5
Loadbearing wall and
facade



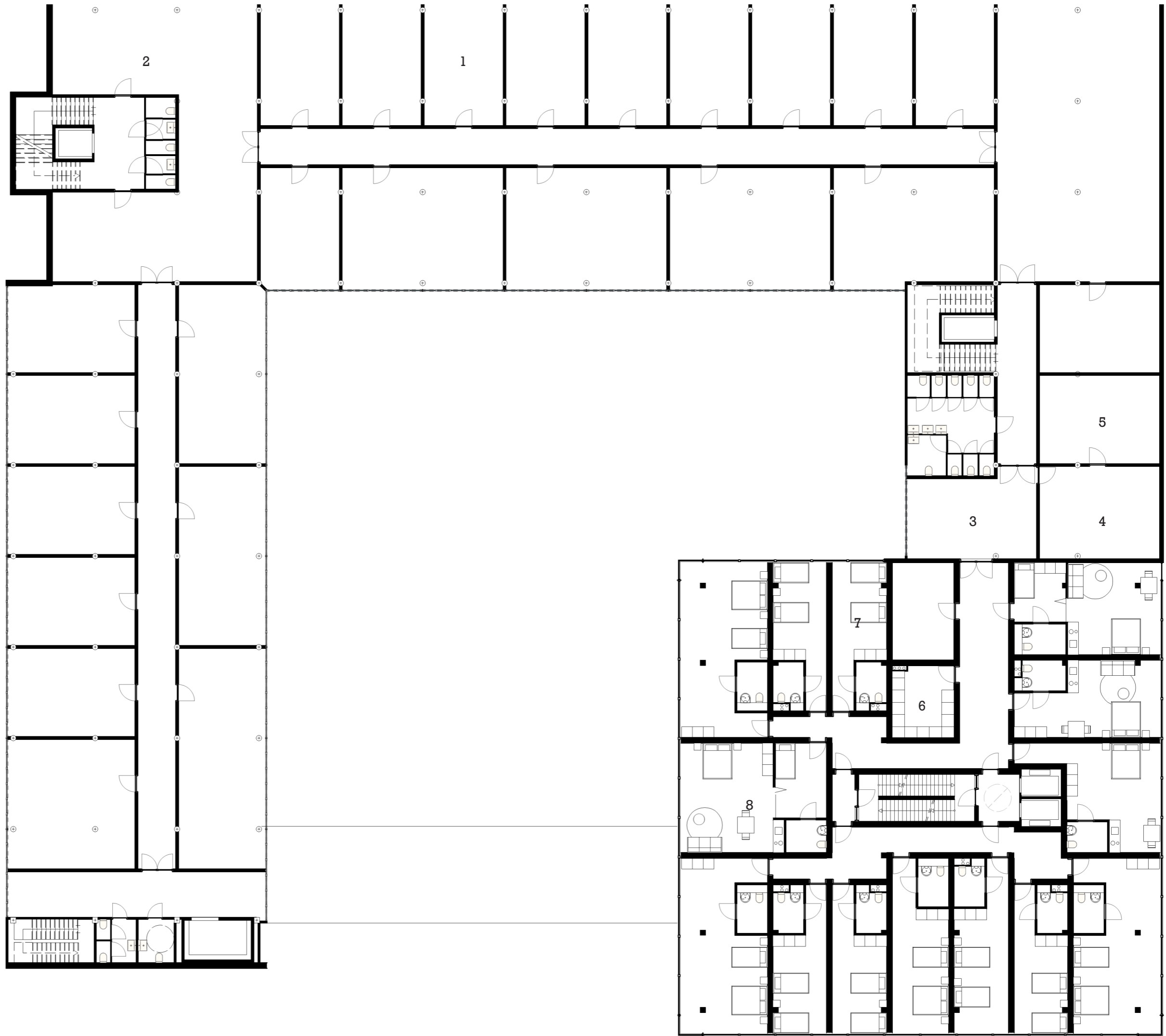
Detail C 1:5
 Loadbearing wall and
 floors



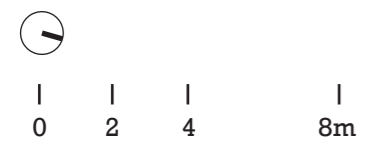
Ground floor
1:200



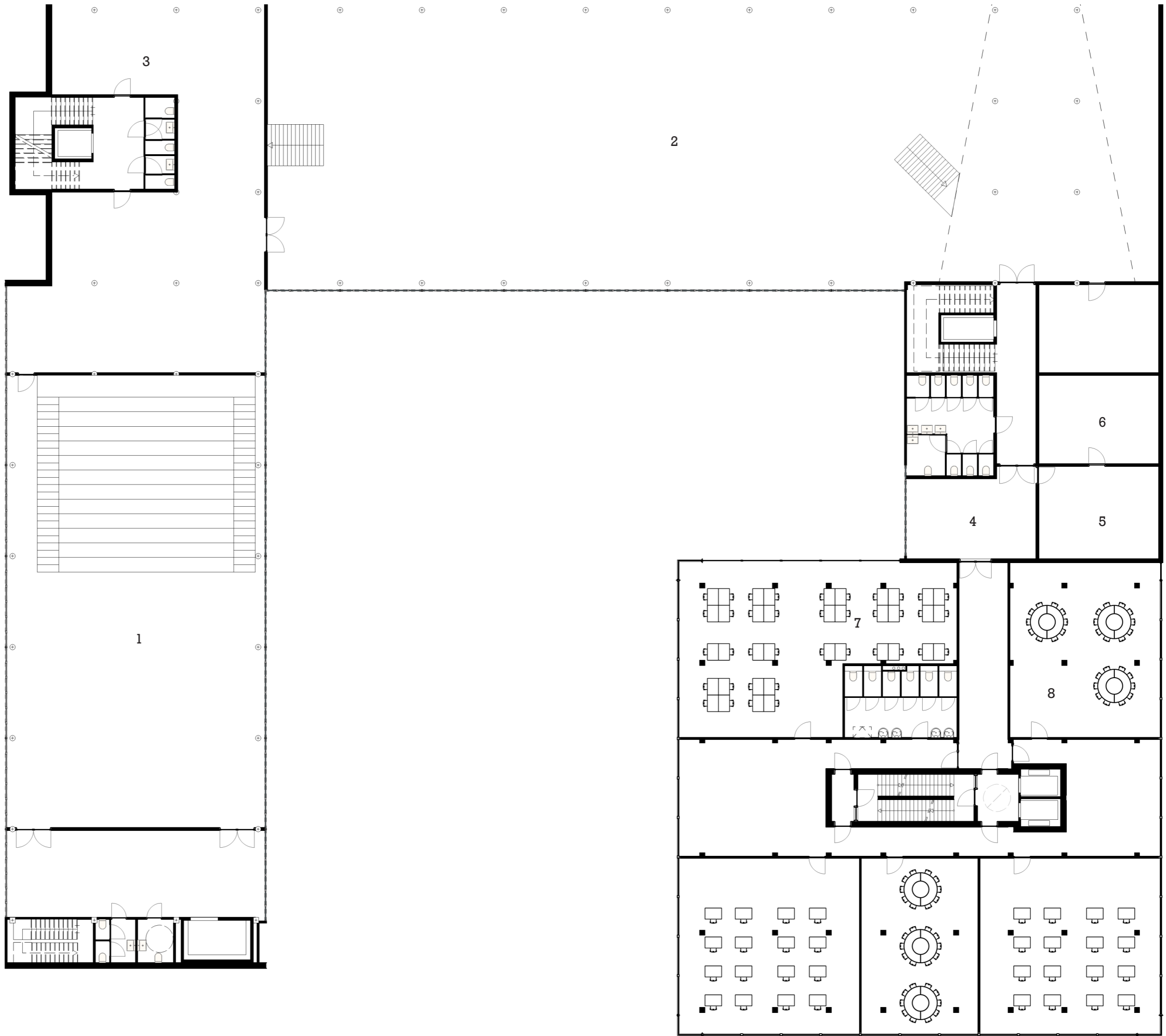
First floor
1:200



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



Second floor
1:200

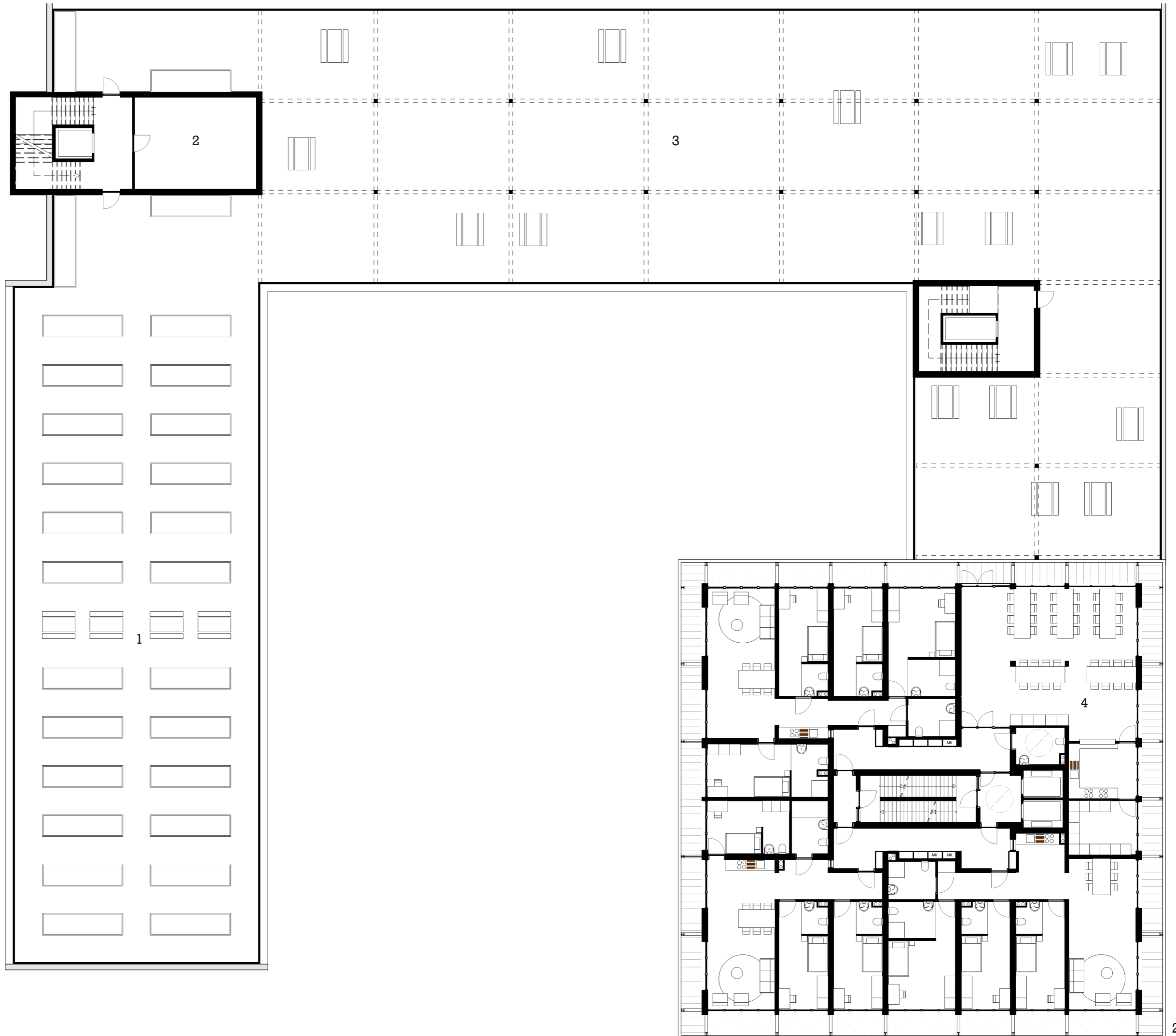


- 1 Lecture hall
- 2 Open creater space
- 3 Break room
- 4 Entrance childcare
- 5 Office
- 6 Storage
- 7 Kindergarten room
- 8 Daycare room



0 2 4 8m

Third floor & roof garden
1:200

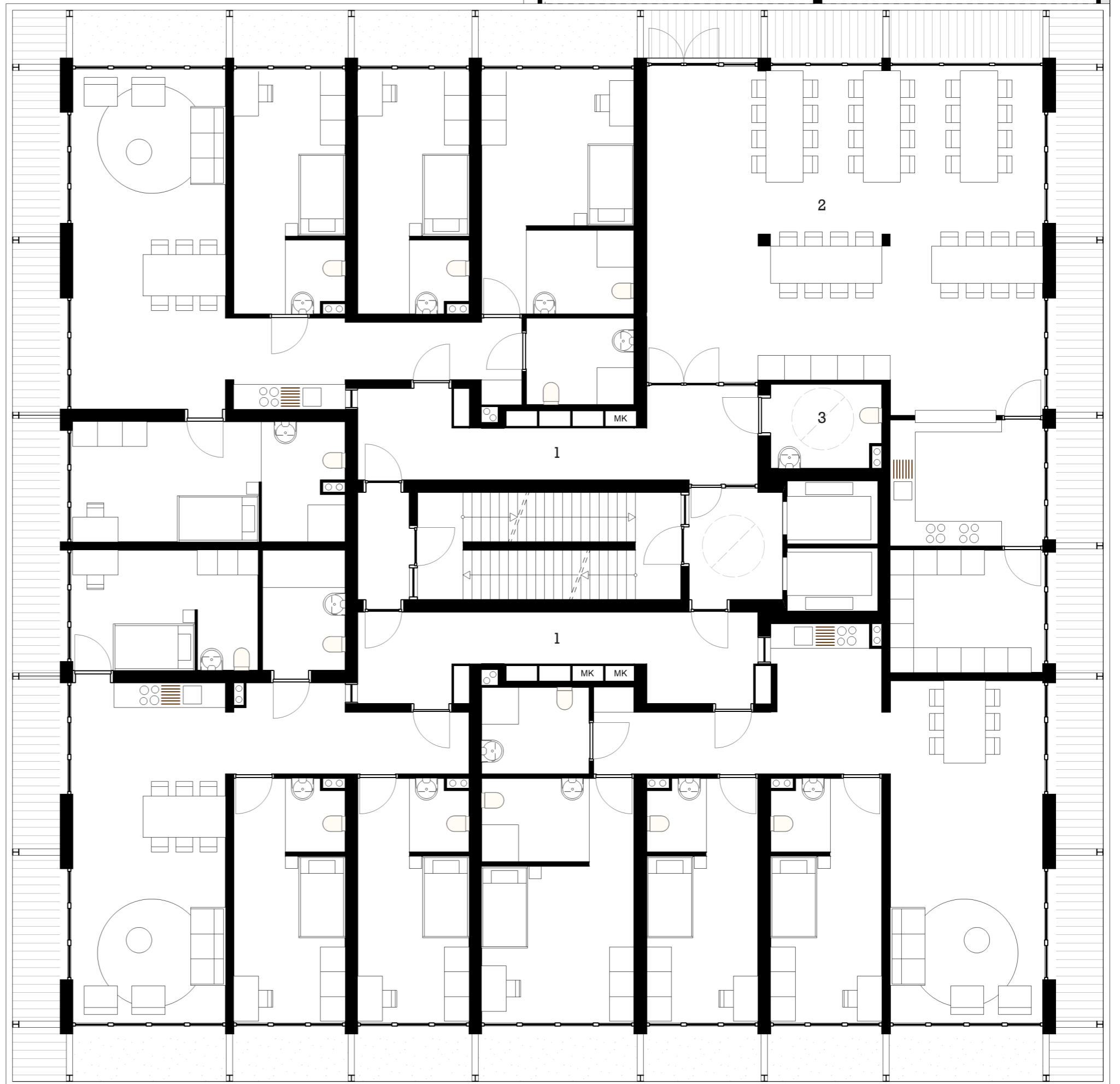


- 1 Urban farming
- 2 Roof storage
- 3 Leisure space
- 4 Co-op kitchen



0 2 4 8m

Floor elderly care 1/3
1:100

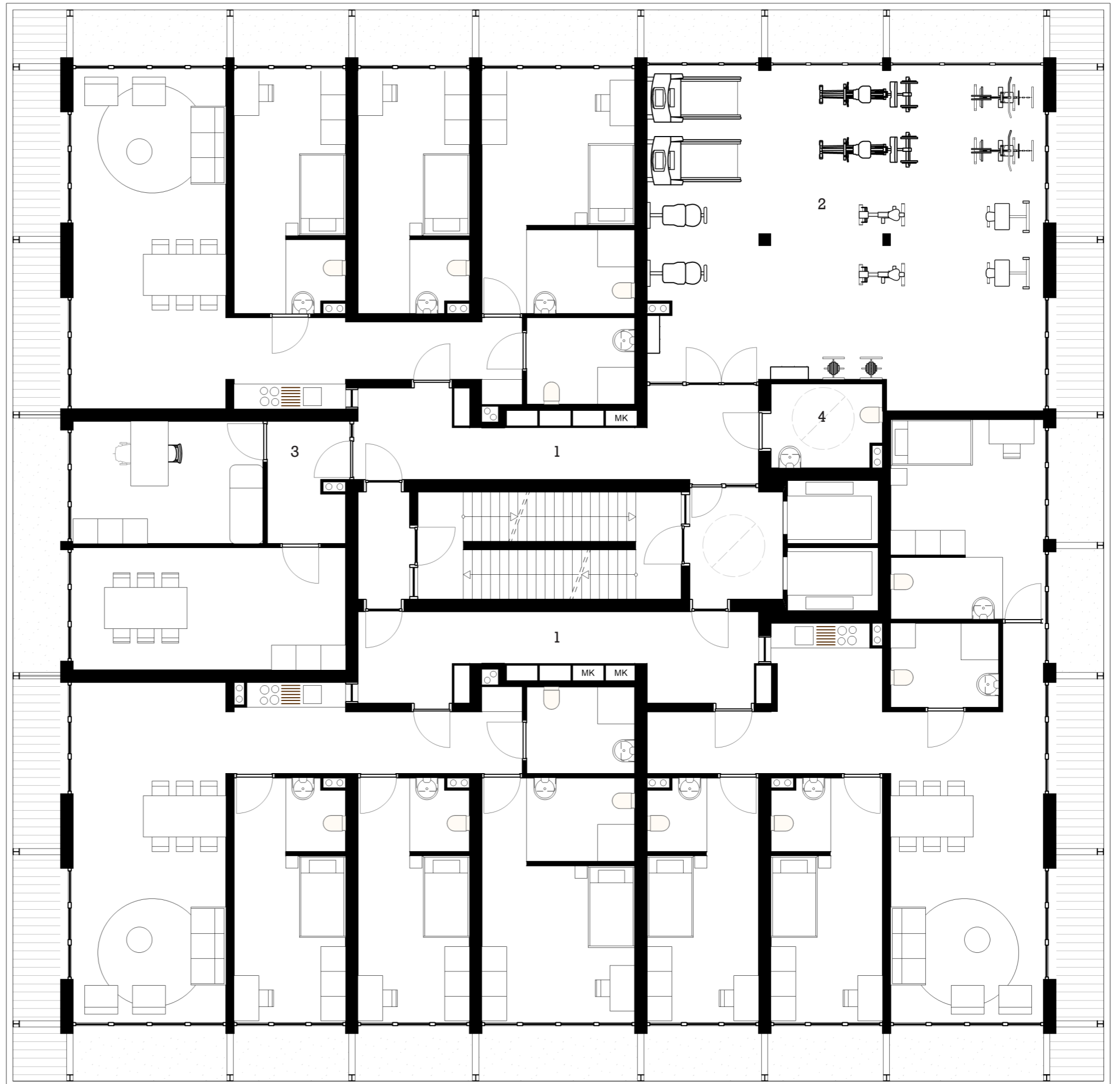


- 1 Hallway
- 2 Common room
- 3 Collective toilet



0 1 2 4m

Floor elderly care 2/3
1:100

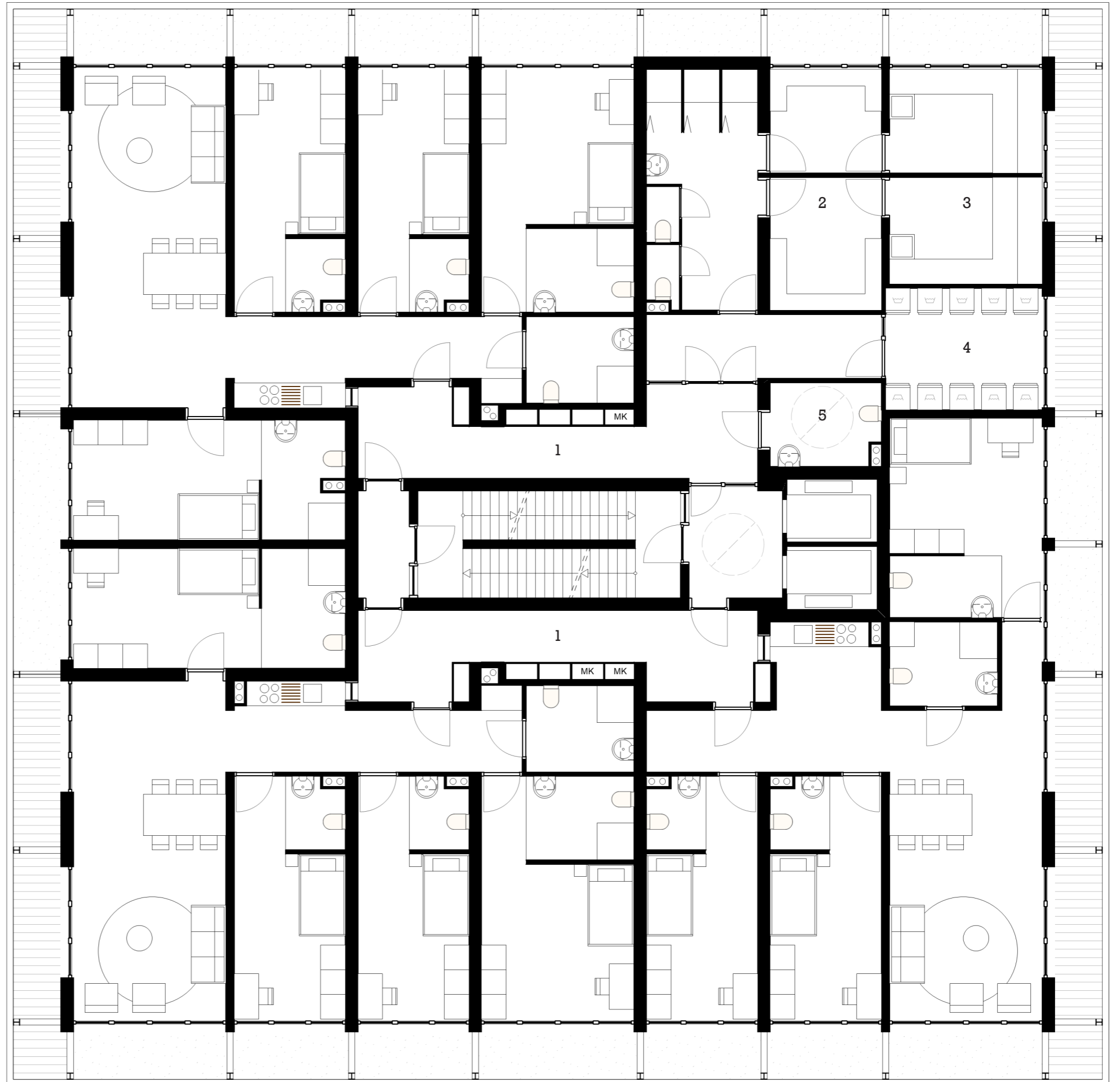


- 1 Hallway
- 2 Gym
- 3 Nurses office
- 4 Collective toilet



0 1 2 4m

Floor elderly care 3/3
1:100

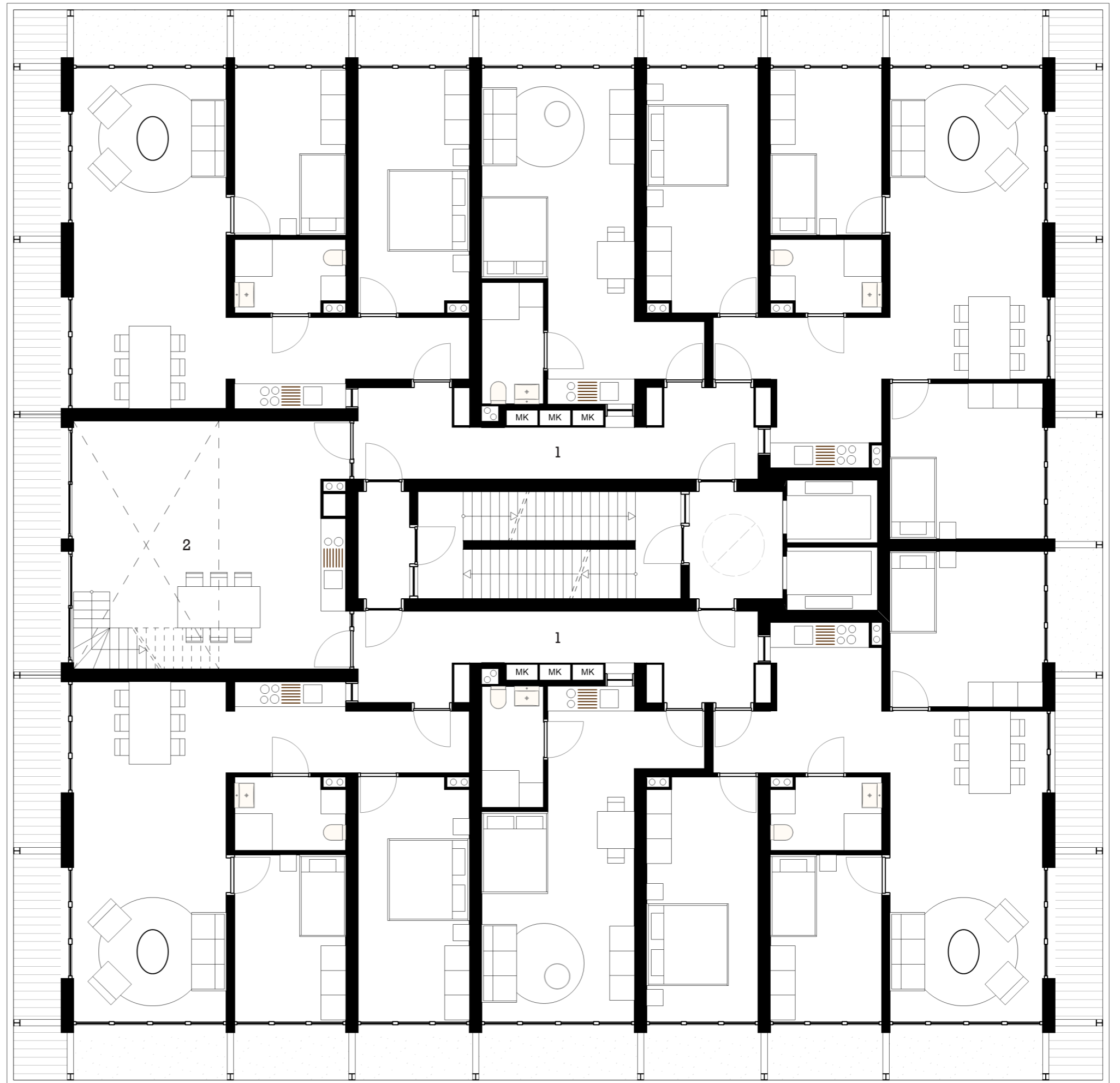


- 1 Hallway
- 2 Changing room
- 3 Sauna
- 4 Laundry
- 5 Collective toilet



0 1 2 4m

Floor family & care 1/2
1:100

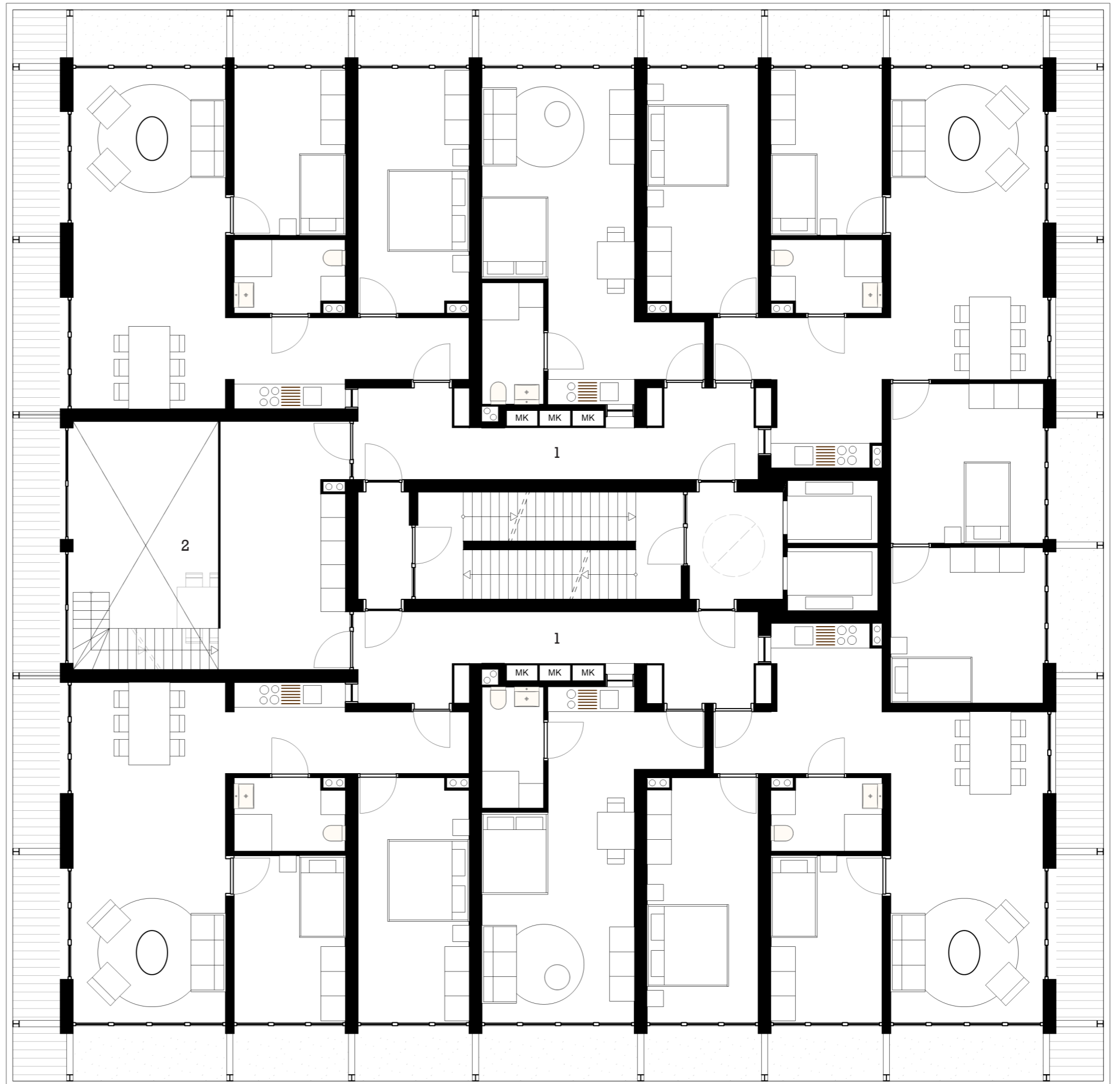


- 1 Hallway
- 2 Shared room



0 1 2 4m

Floor family & care 2/2
1:100

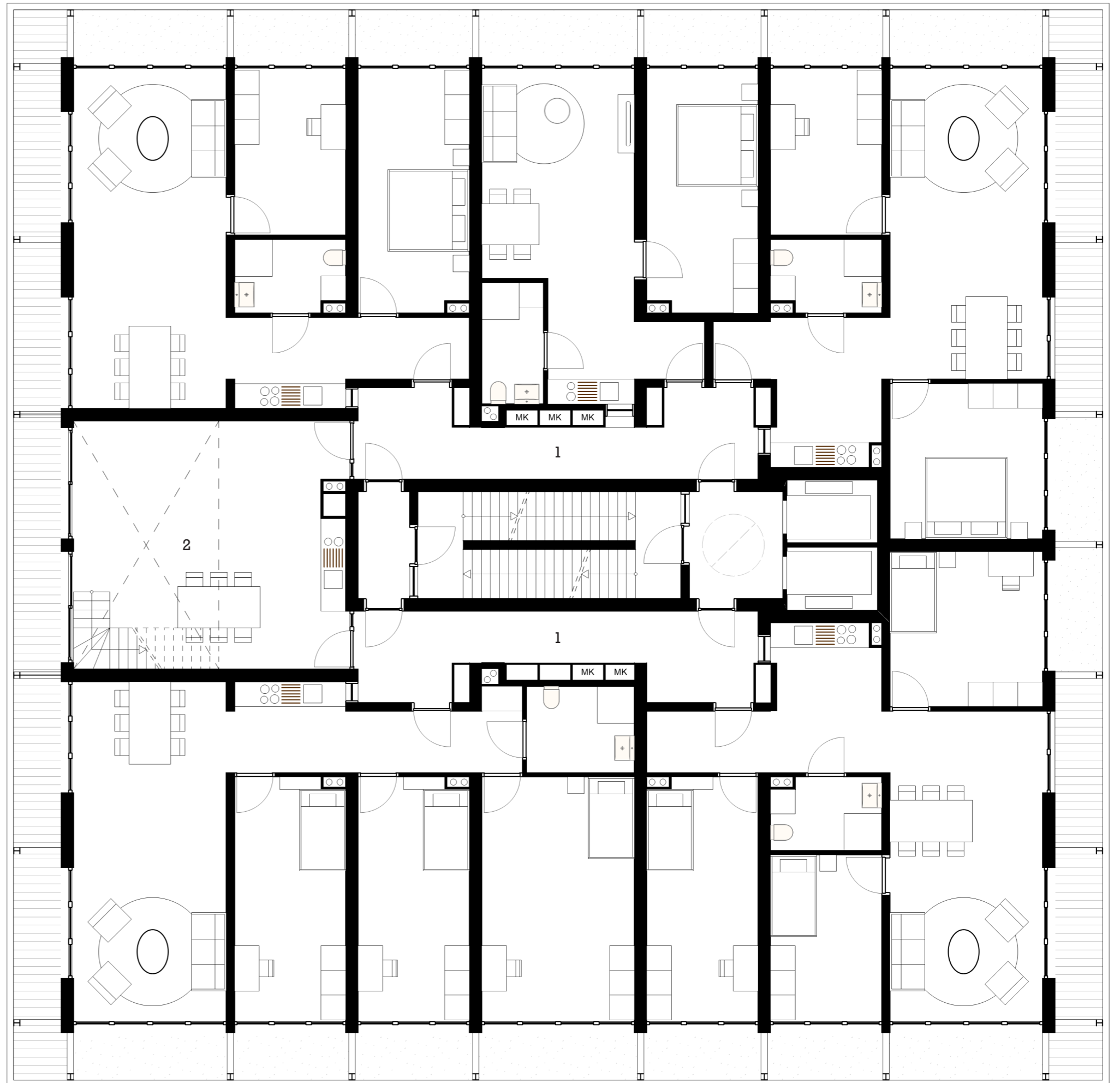


- 1 Hallway
- 2 Shared room



0 1 2 4m

Floor seniors 1/2
1:100

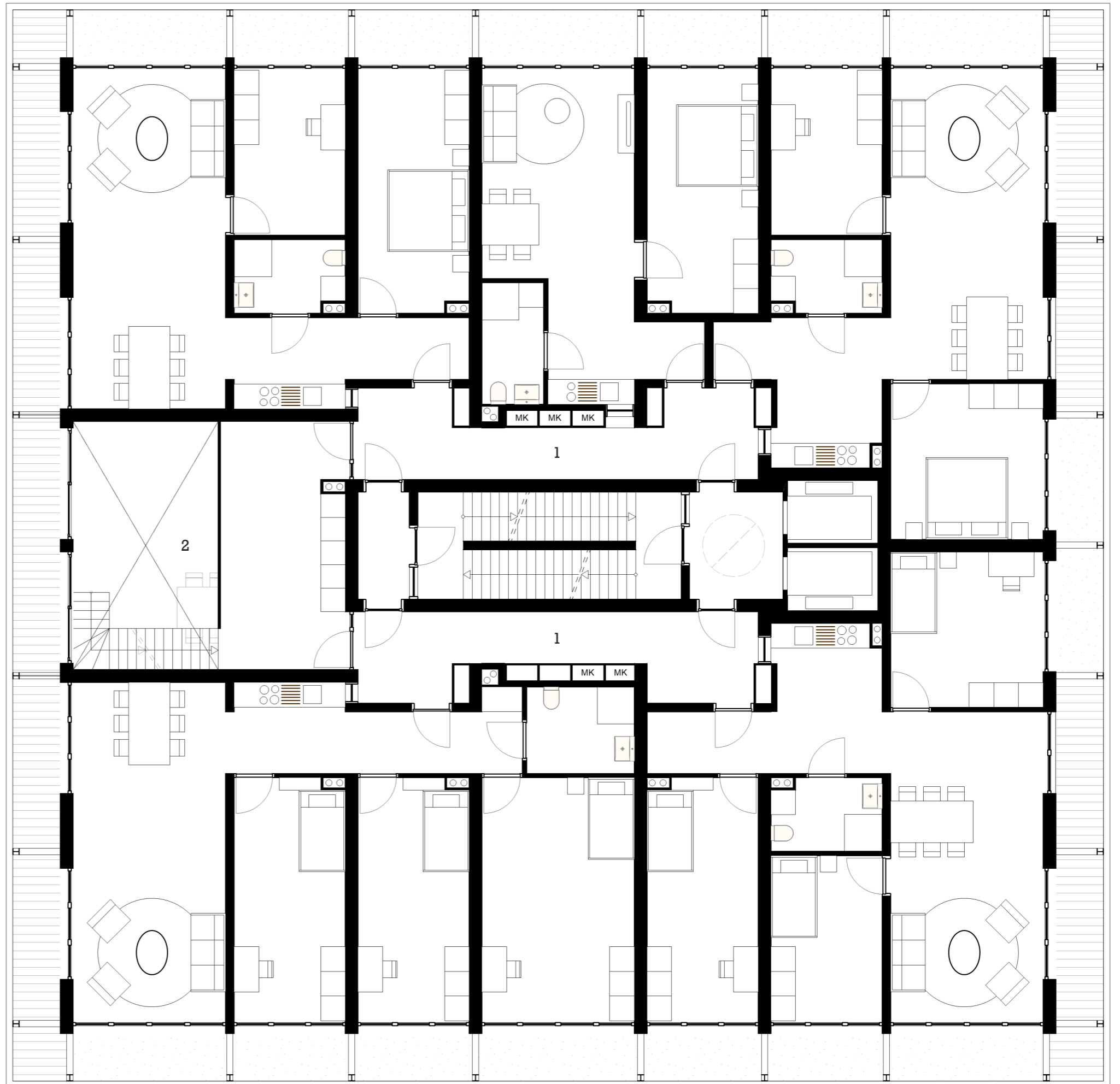


- 1 Hallway
- 2 Shared room



0 1 2 4m

Floor seniors 2/2
1:100

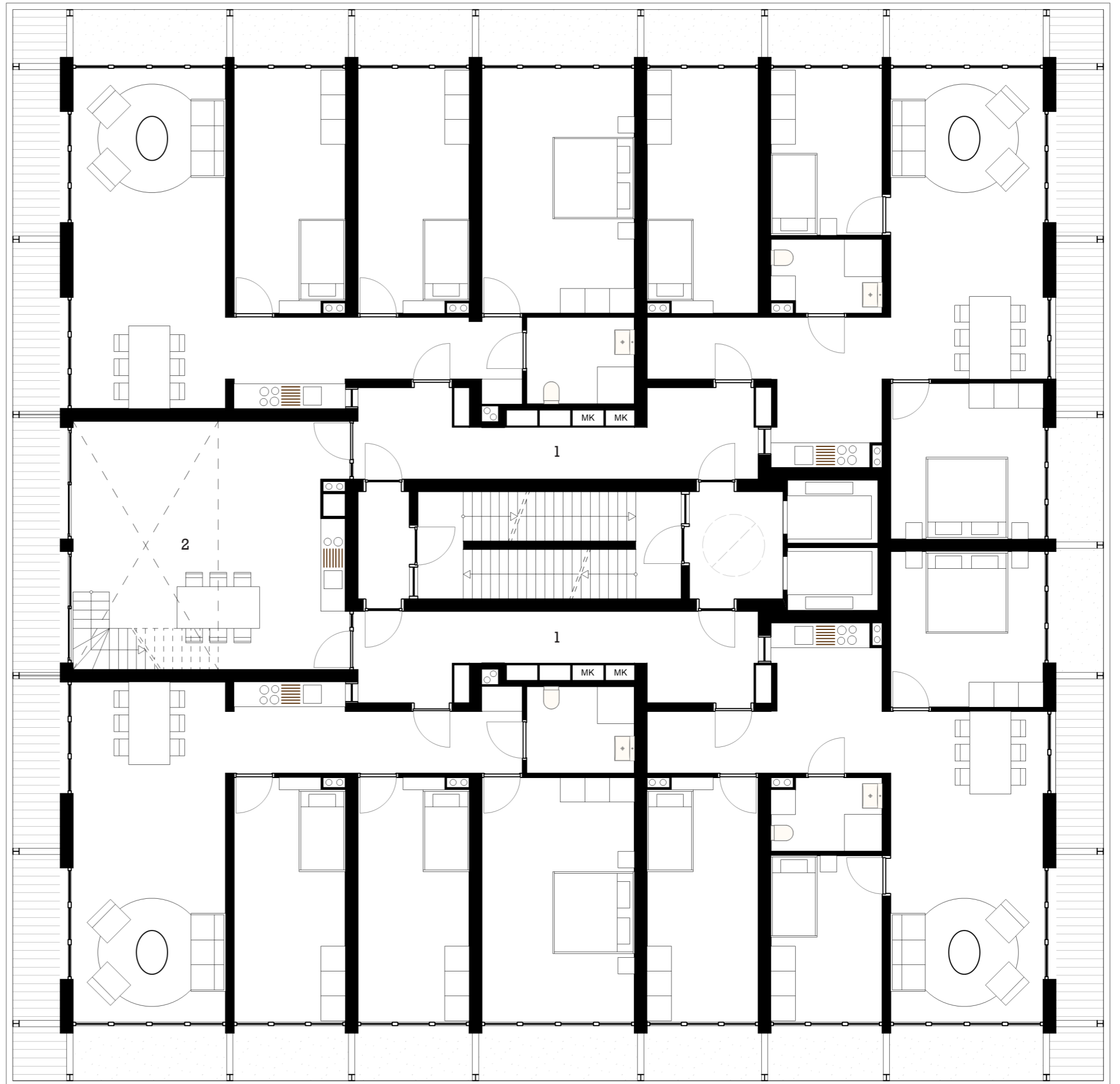


- 1 Hallway
- 2 Shared room



0 1 2 4m

Floor families 1/2
1:100



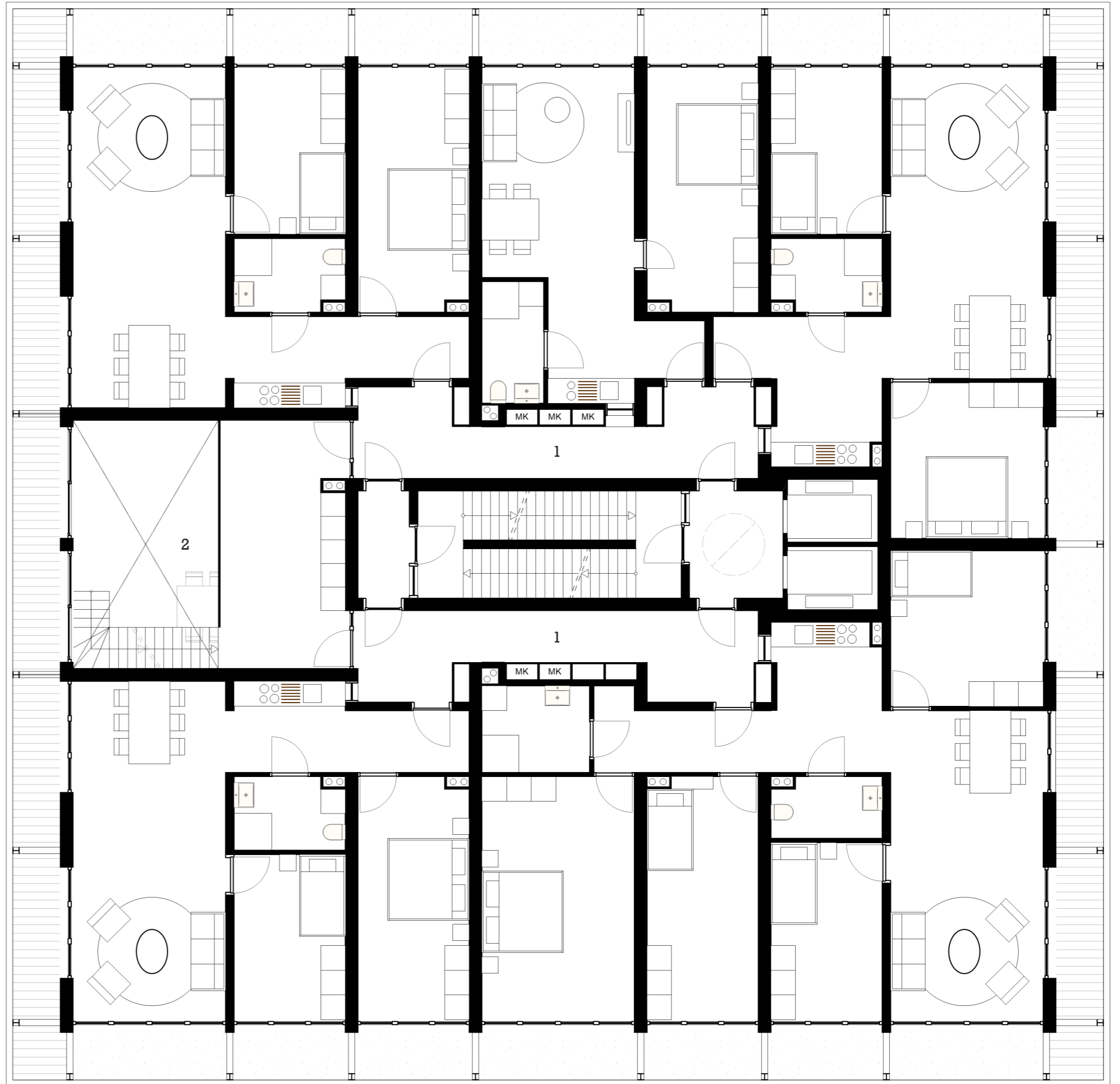
1 Hallway
2 Shared room



0 1 2 4m

Floor families 2/2

1:100

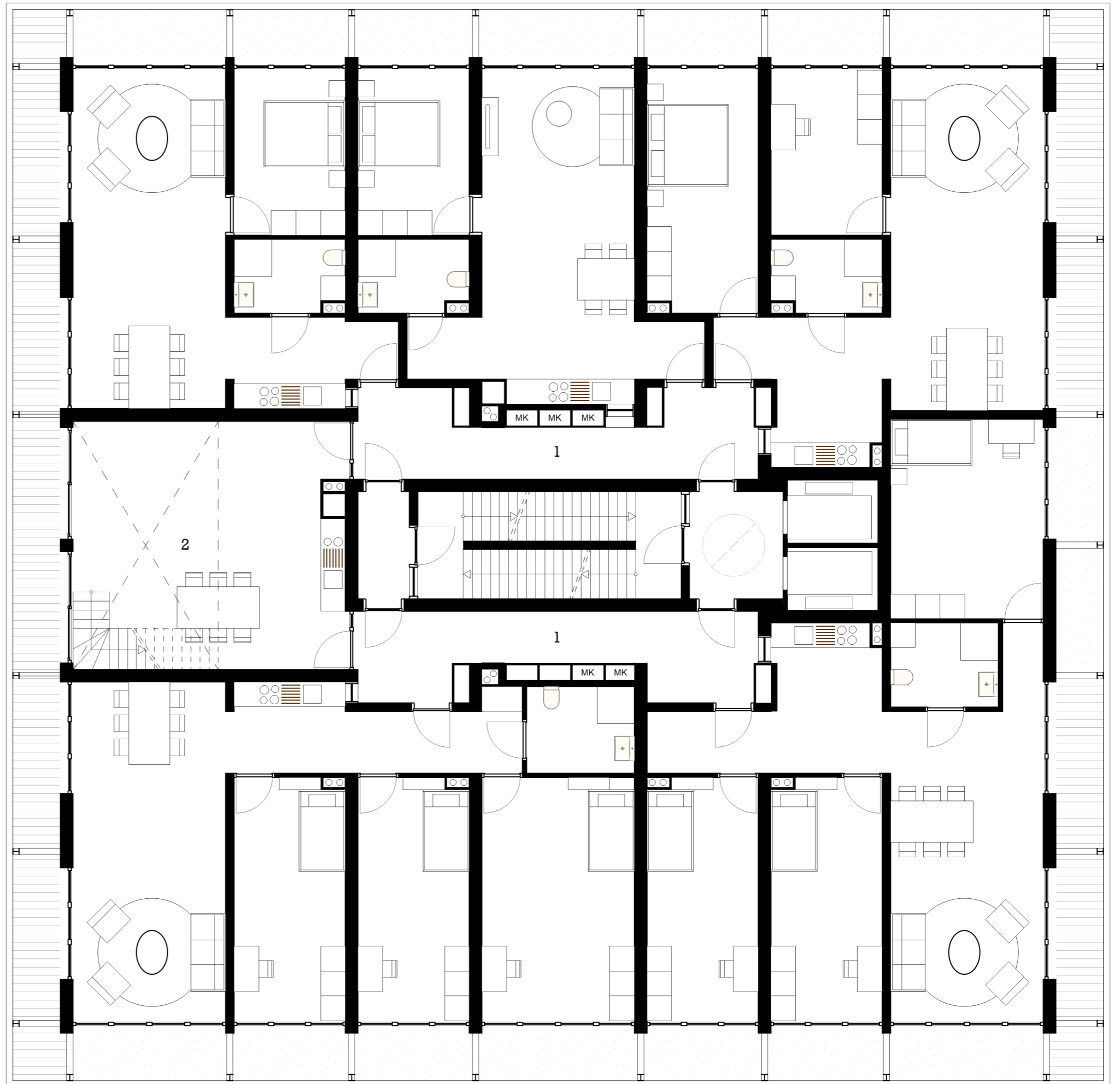


- 1 Hallway
- 2 Shared room



0 1 2 4m

Floor singles & couples 1/2
1:100

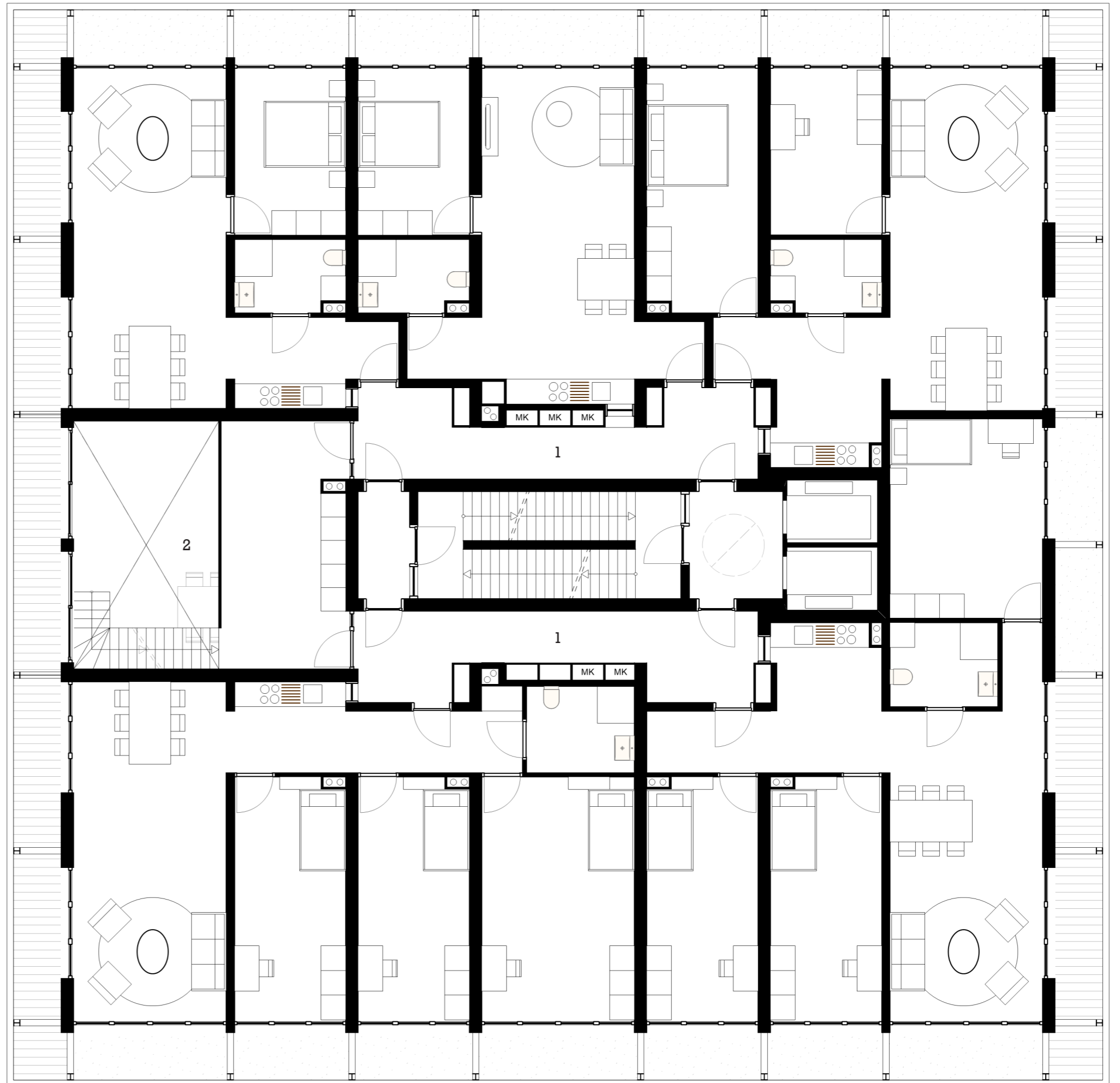


- 1 Hallway
- 2 Shared room



0 1 2 4m

Floor singles & couples 2/2
1:100



- 1 Hallway
- 2 Shared room



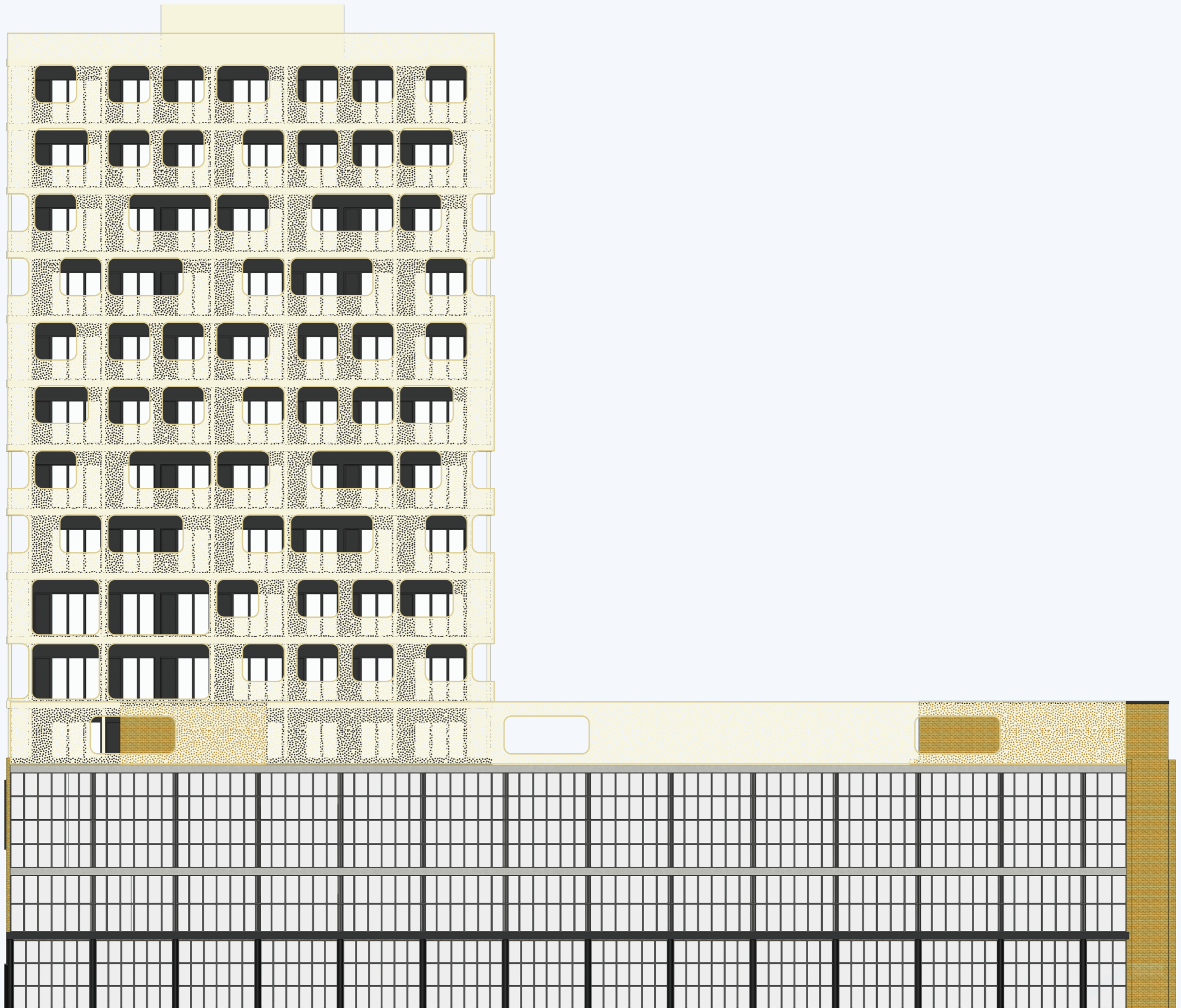
0 1 2 4m

North elevation
1:200



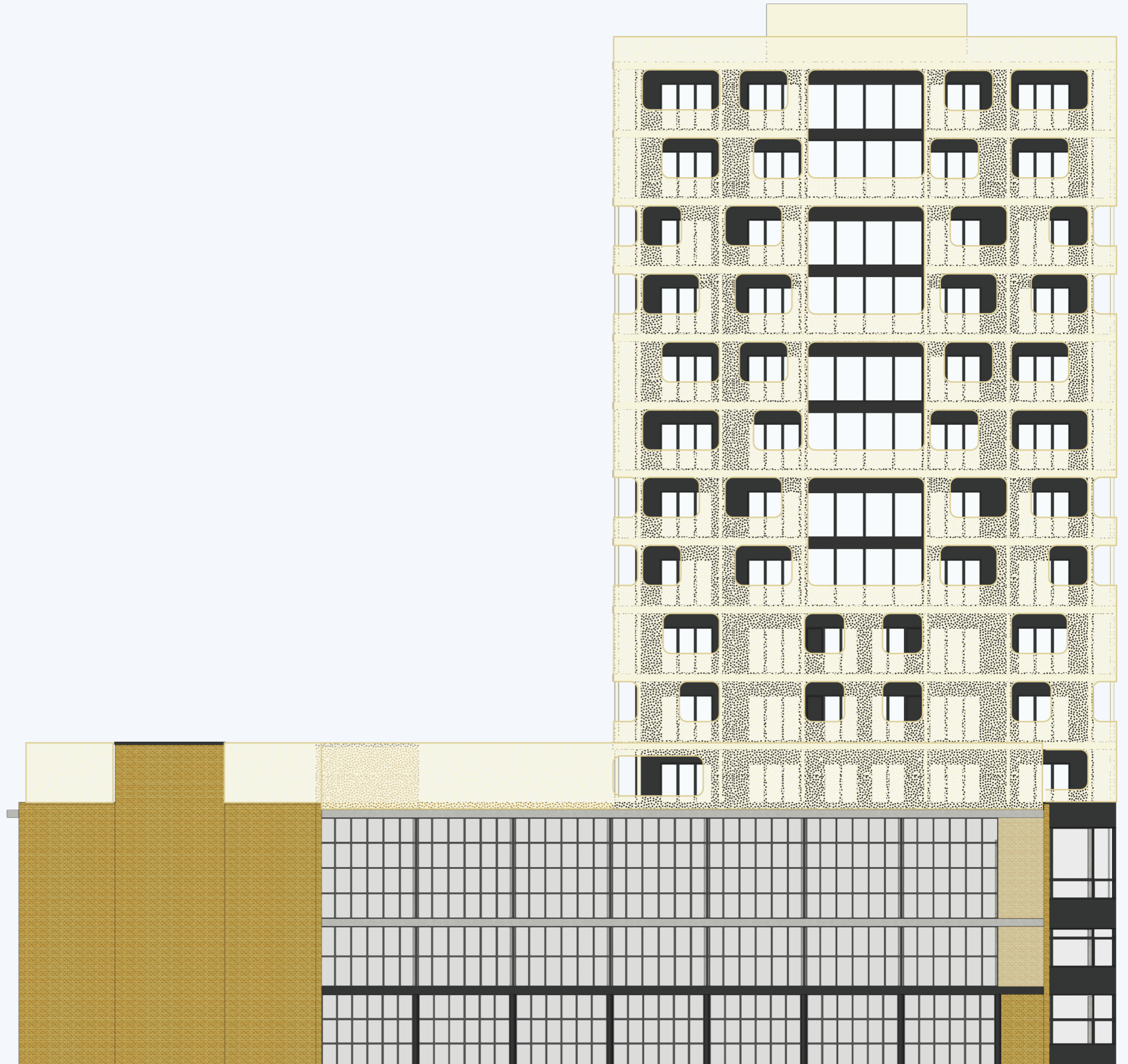
0 1 2 5m

West elevation
1:200



1 1 1 1
0 1 2 5m

South elevation
1:200



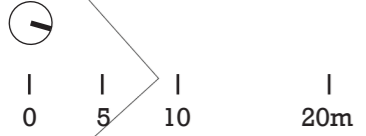
1 1 1 1
0 1 2 5m

East elevation
1:200

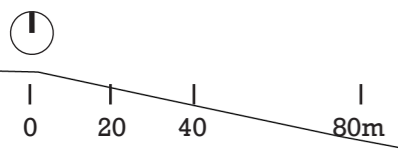
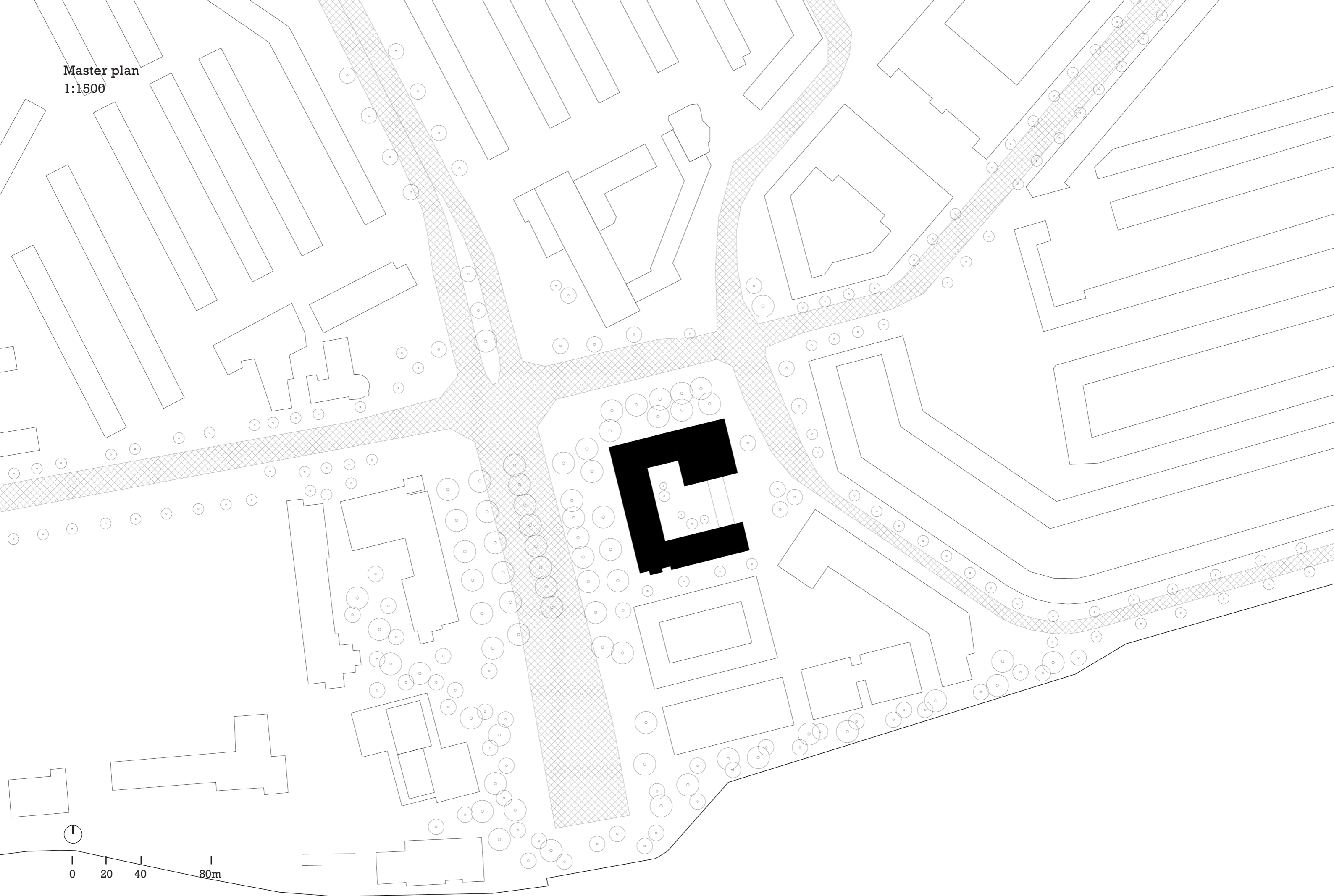


1 1 1 1
0 1 2 5m

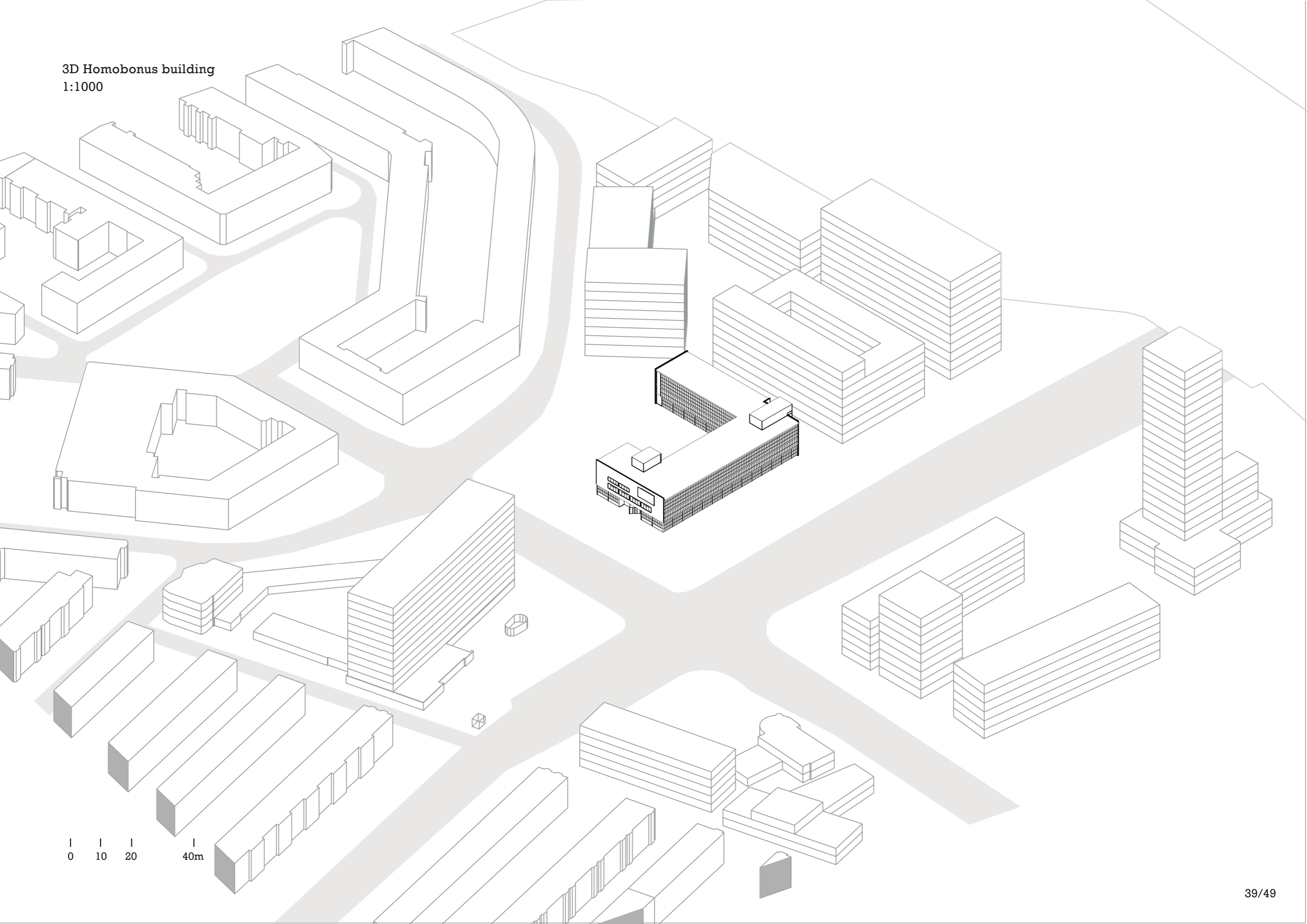
Site plan
1:500



Master plan
1:1500

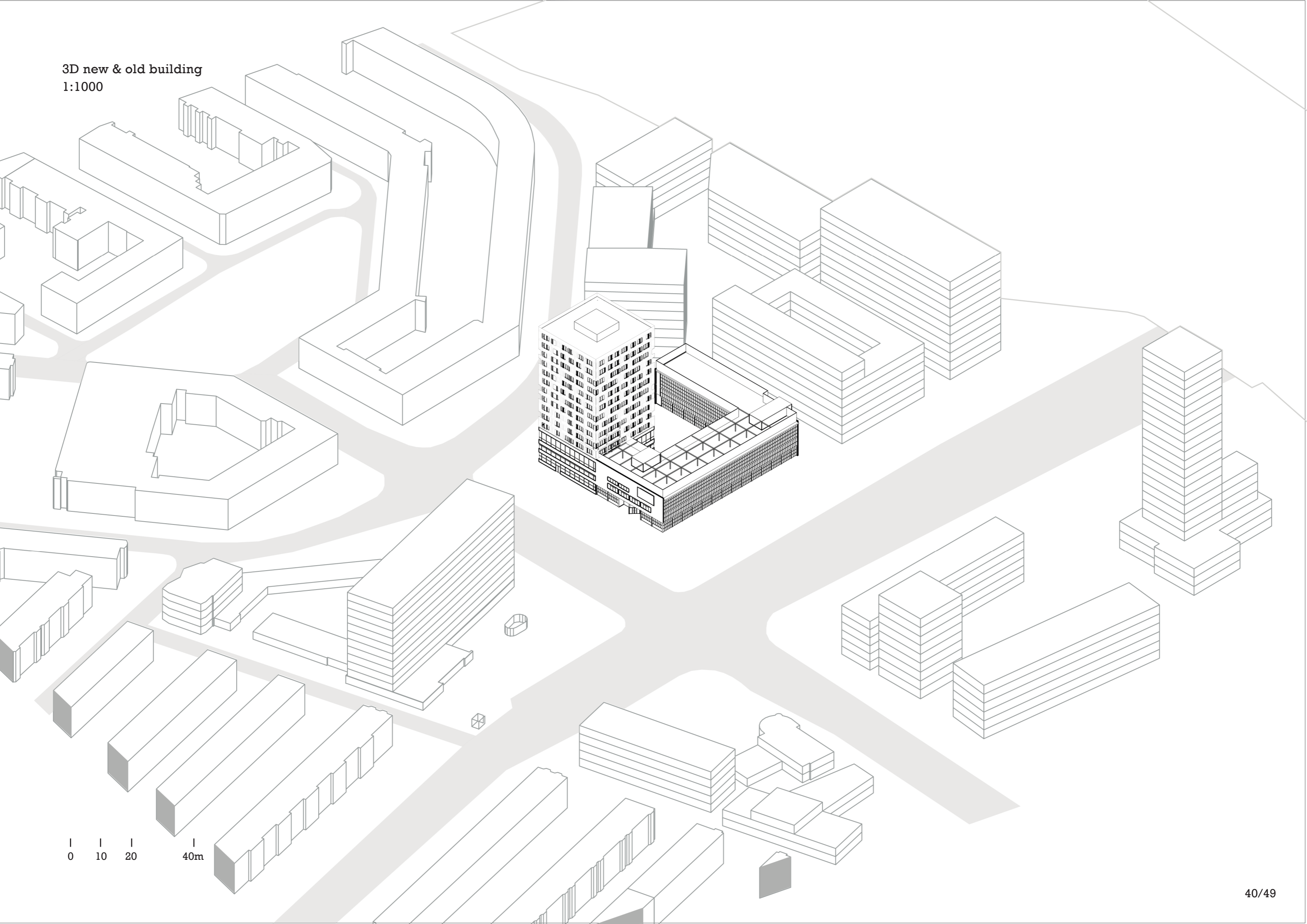


3D Homobonus building
1:1000



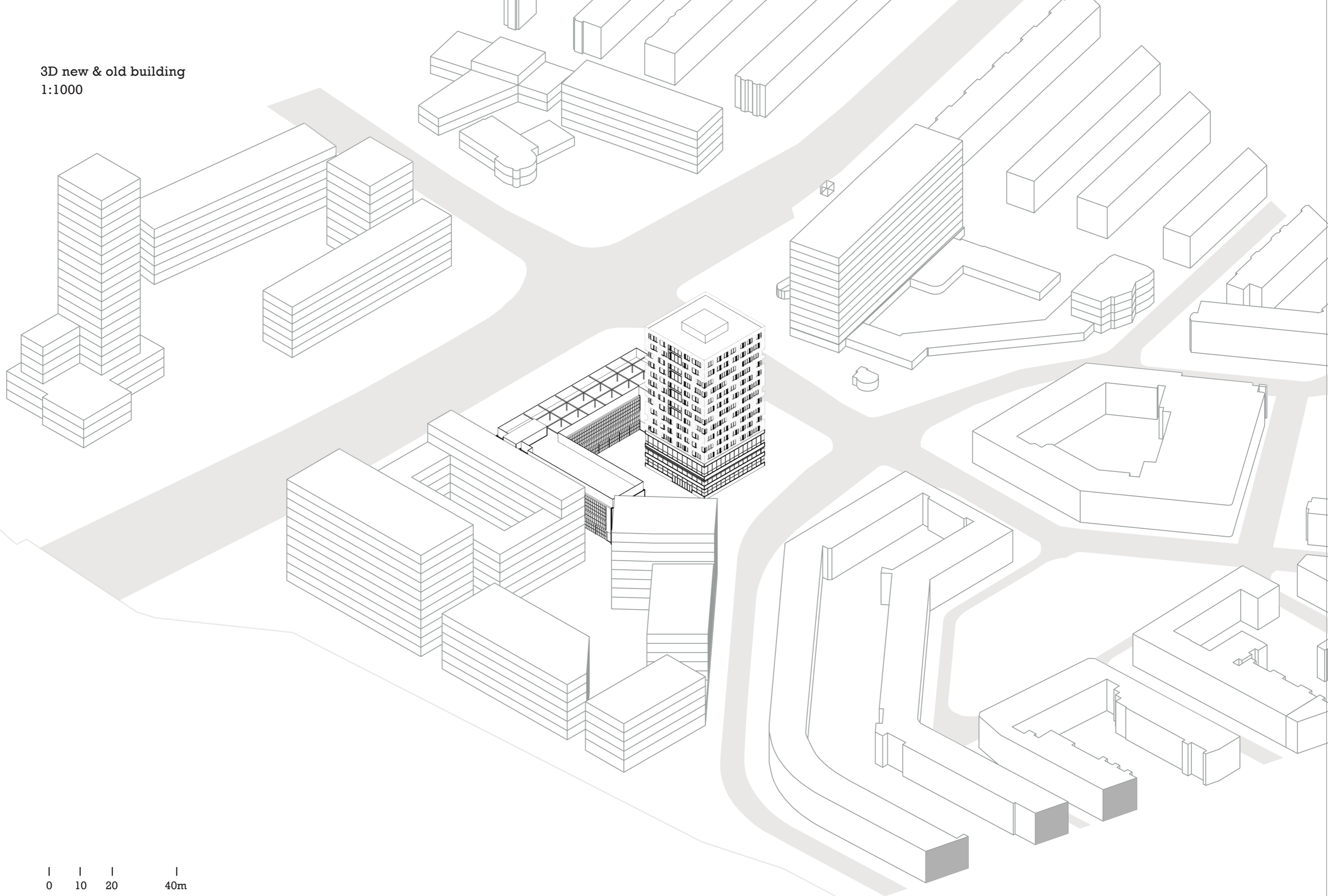
0 10 20 40m

3D new & old building
1:1000



0 10 20 40m

3D new & old building
1:1000



0 10 20 40m

3D Front of the building

1:300

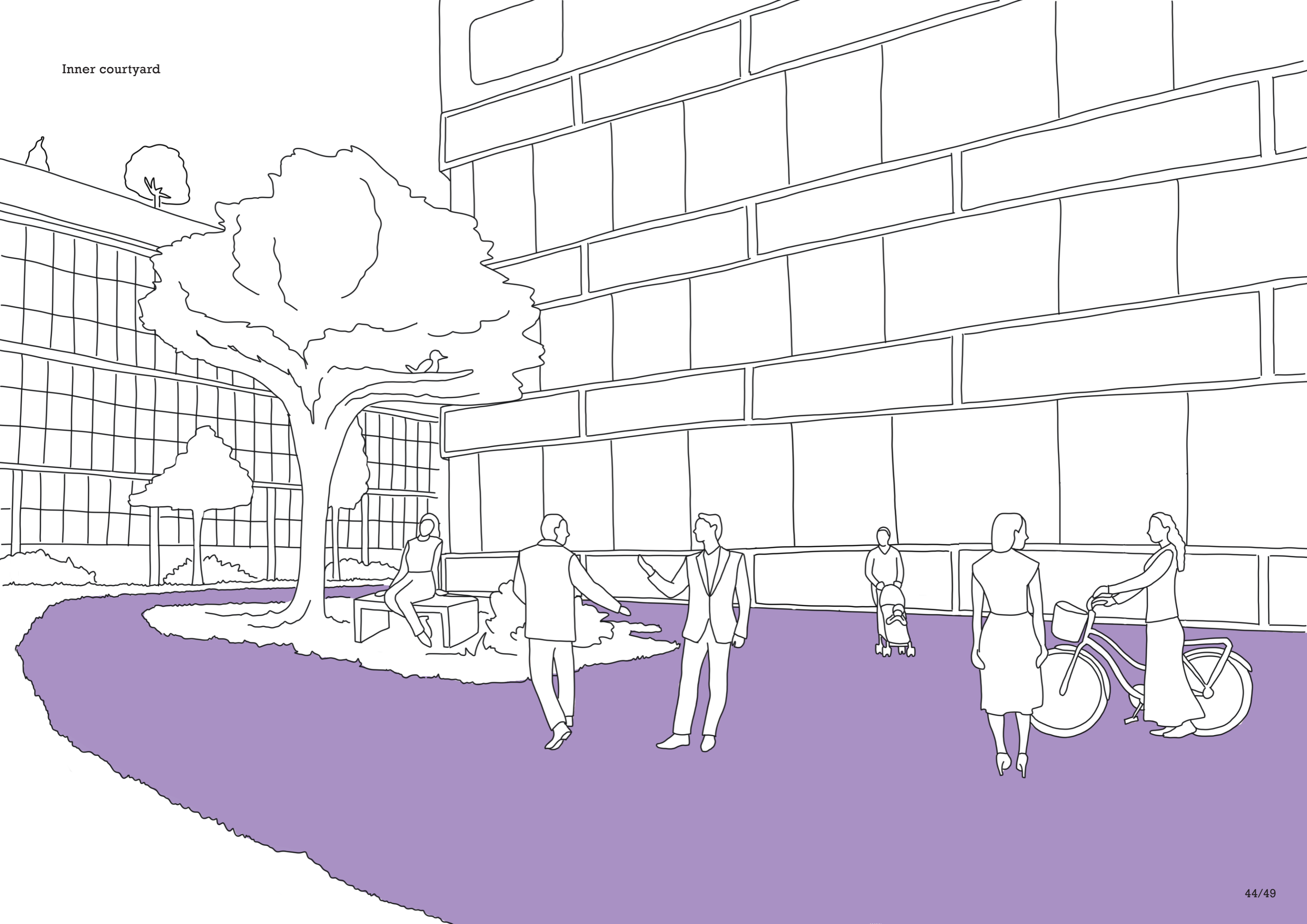


3D Back of the building

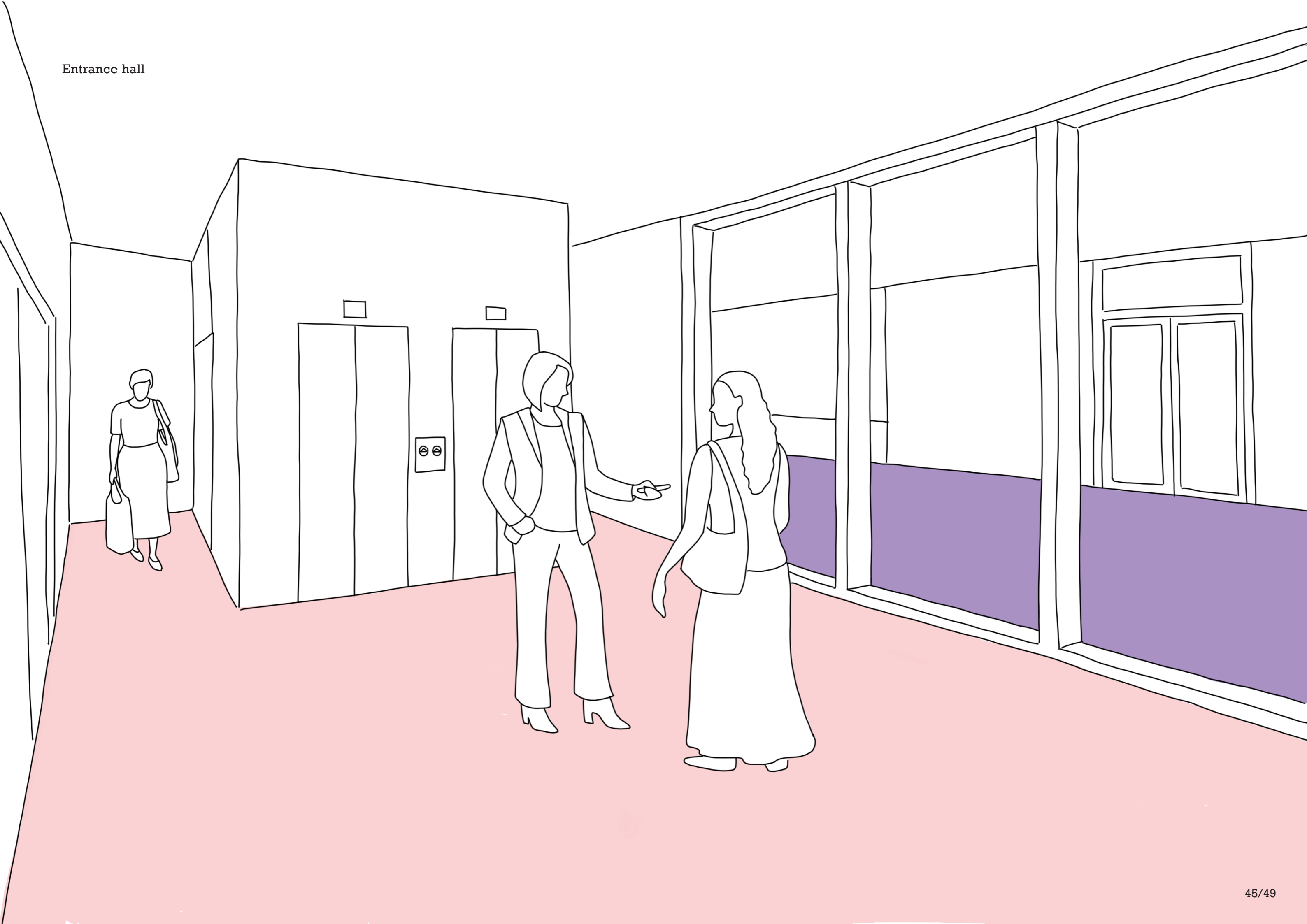
1:300



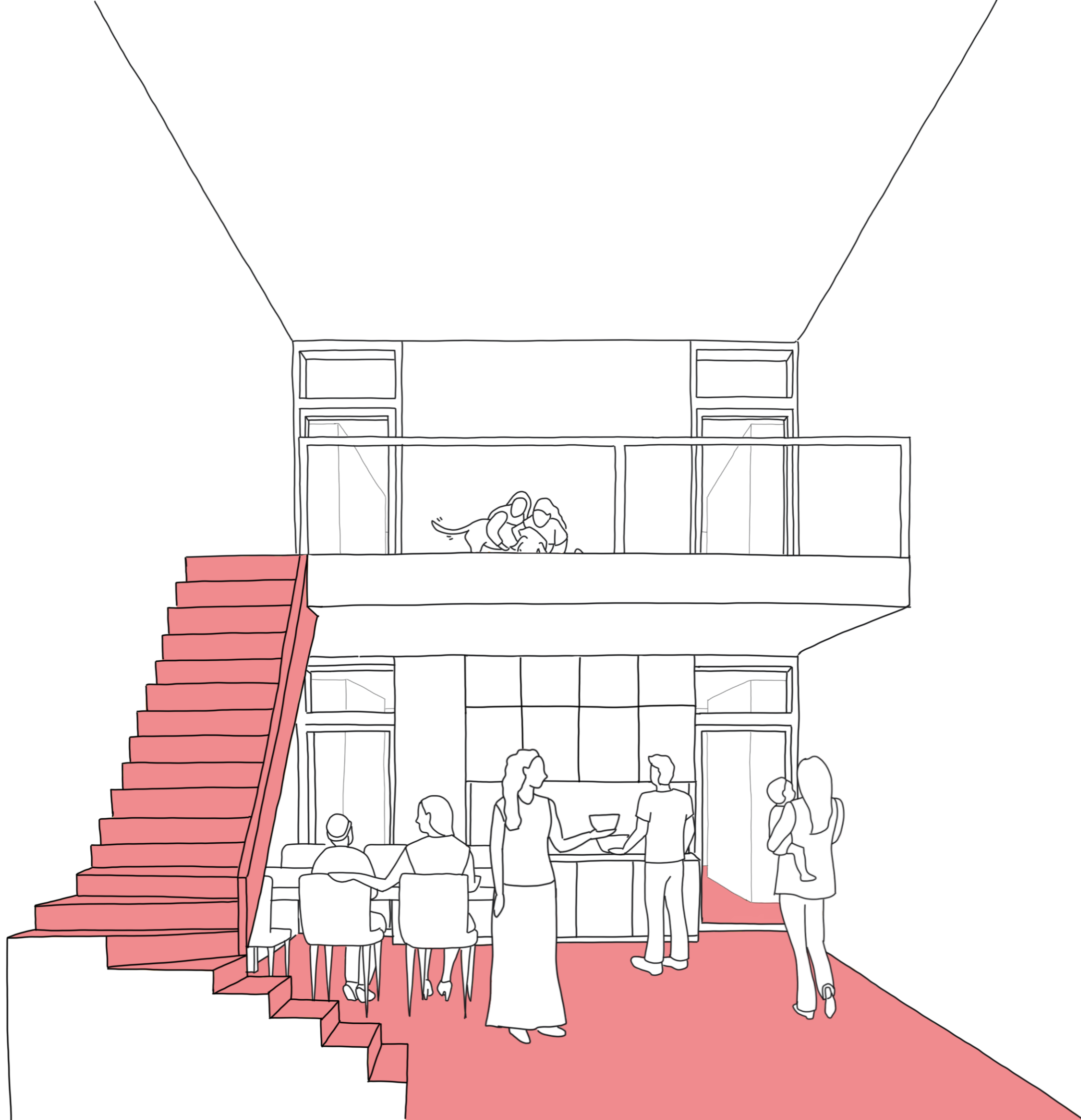
Inner courtyard



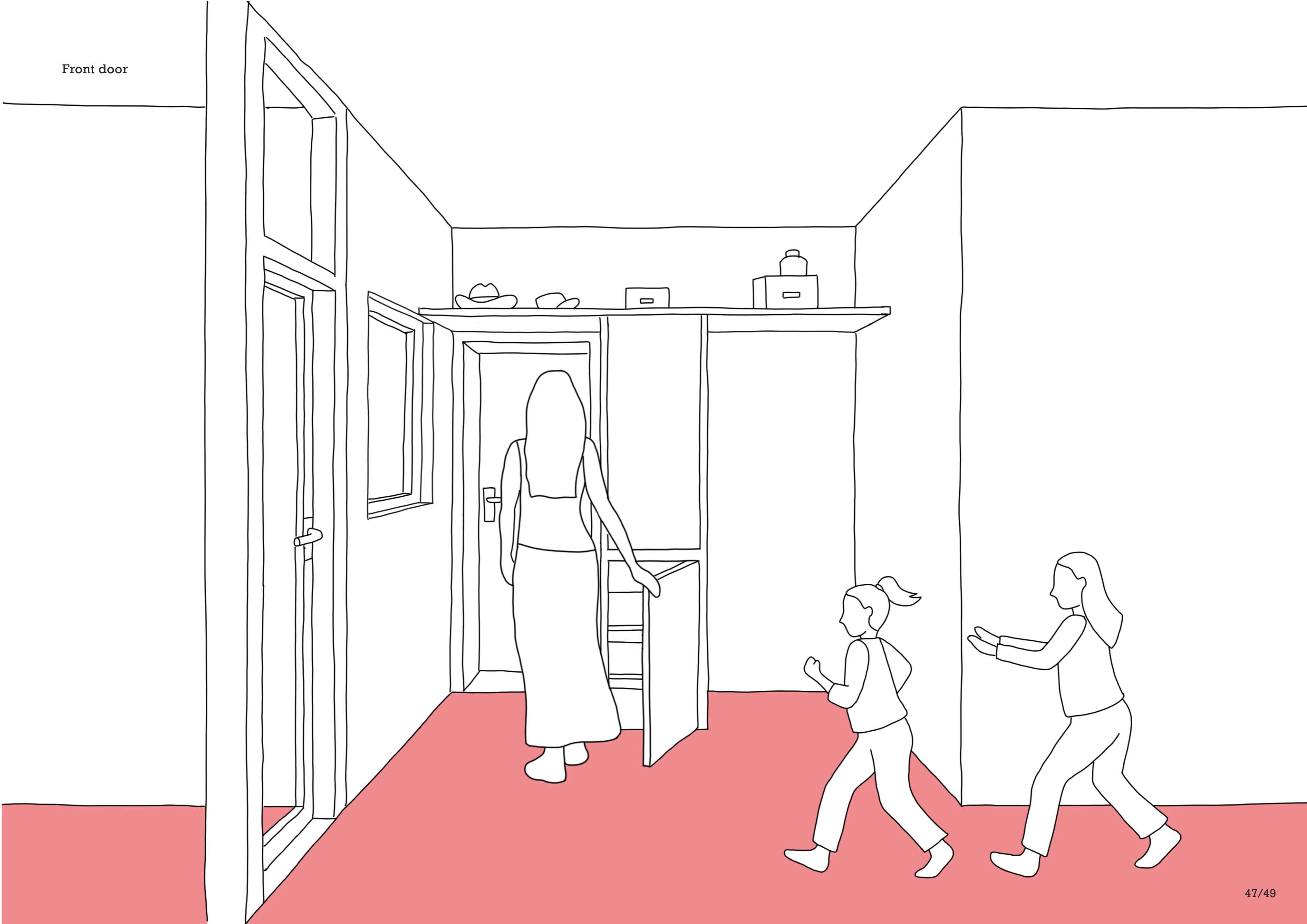
Entrance hall



Shared room



Front door



Kitchen &
living room

