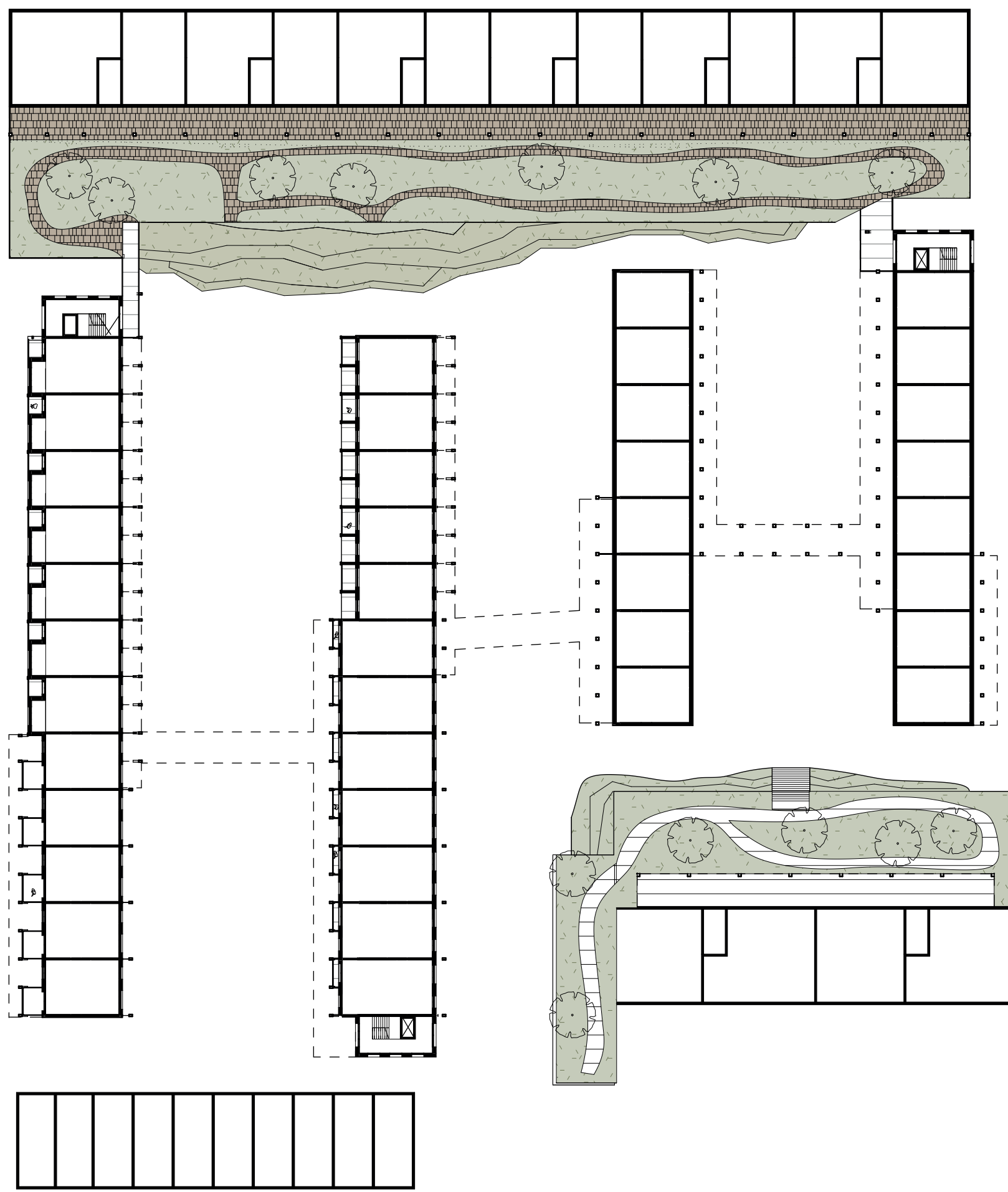
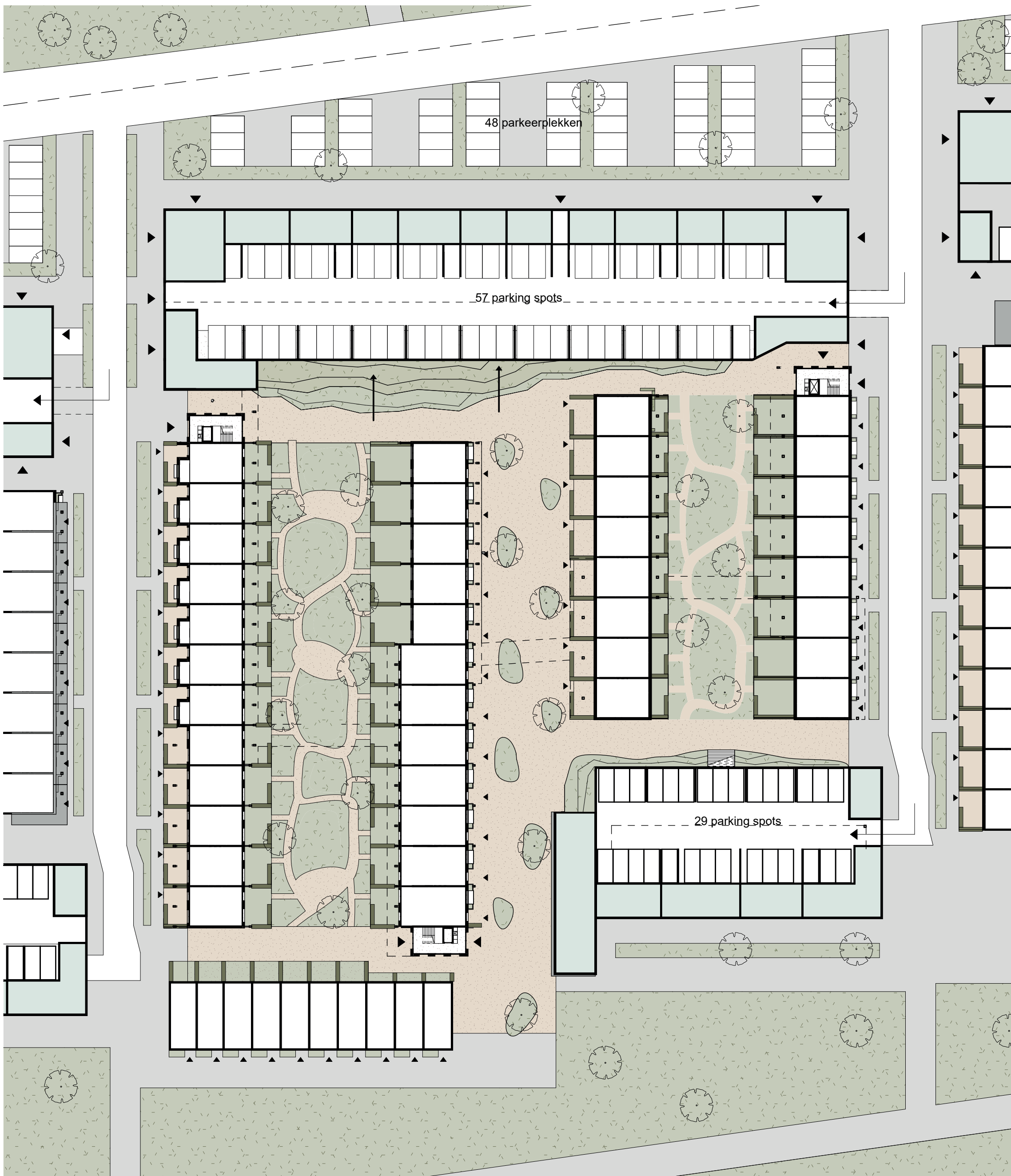
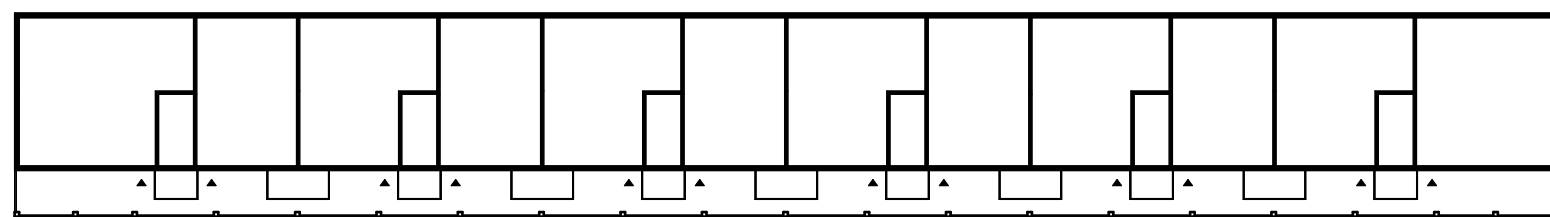
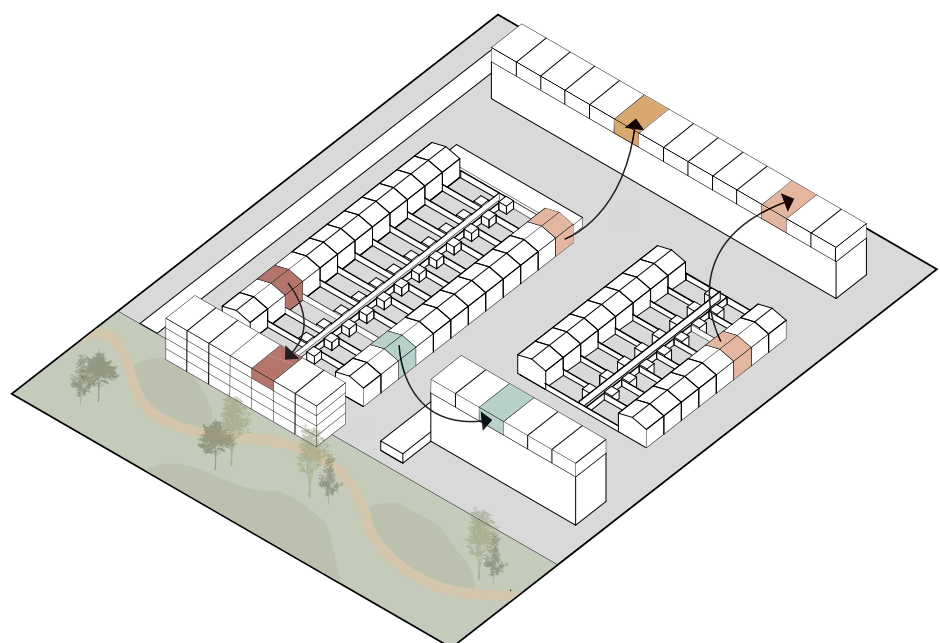




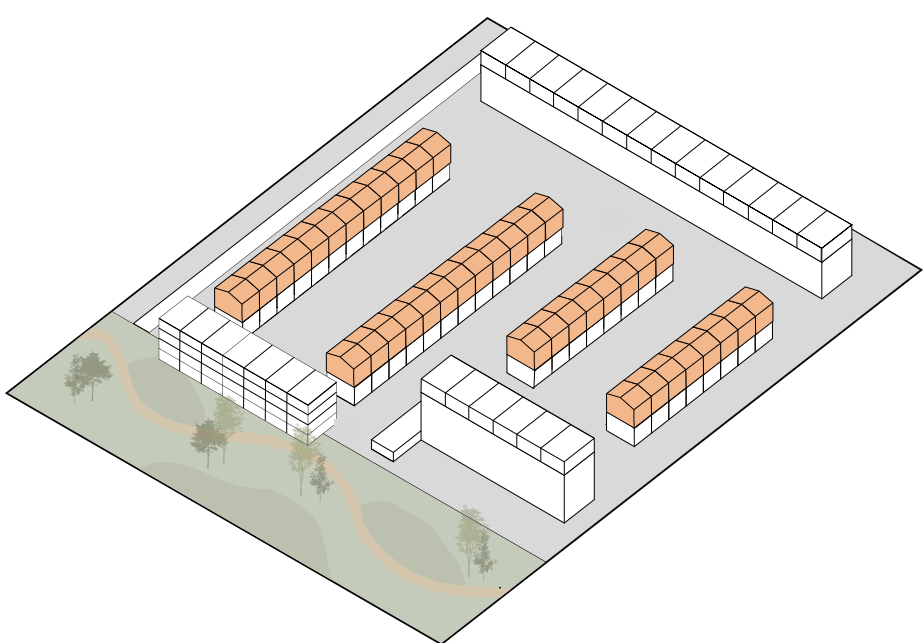
Plan first floor block 1:500



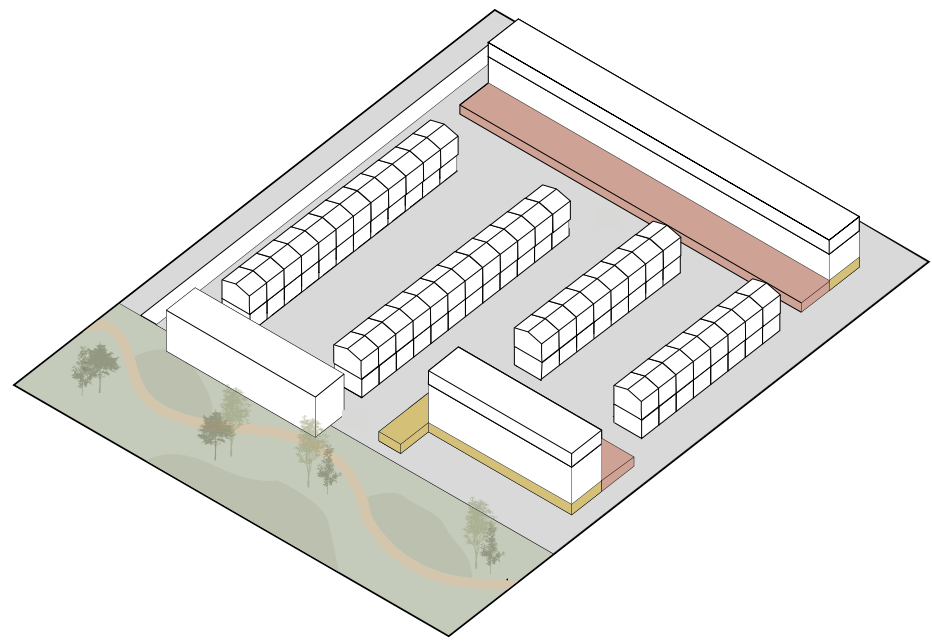
Plan second floor block 1:500



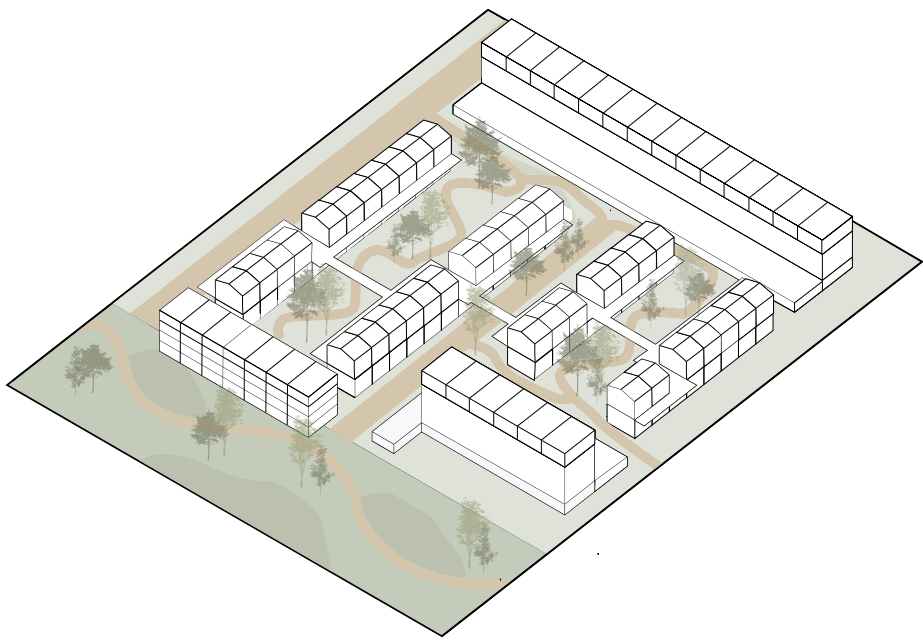
Residents temporarily move to the new modular houses



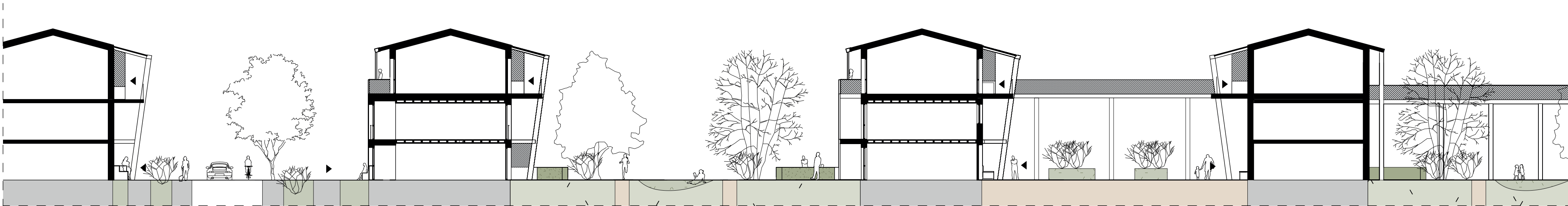
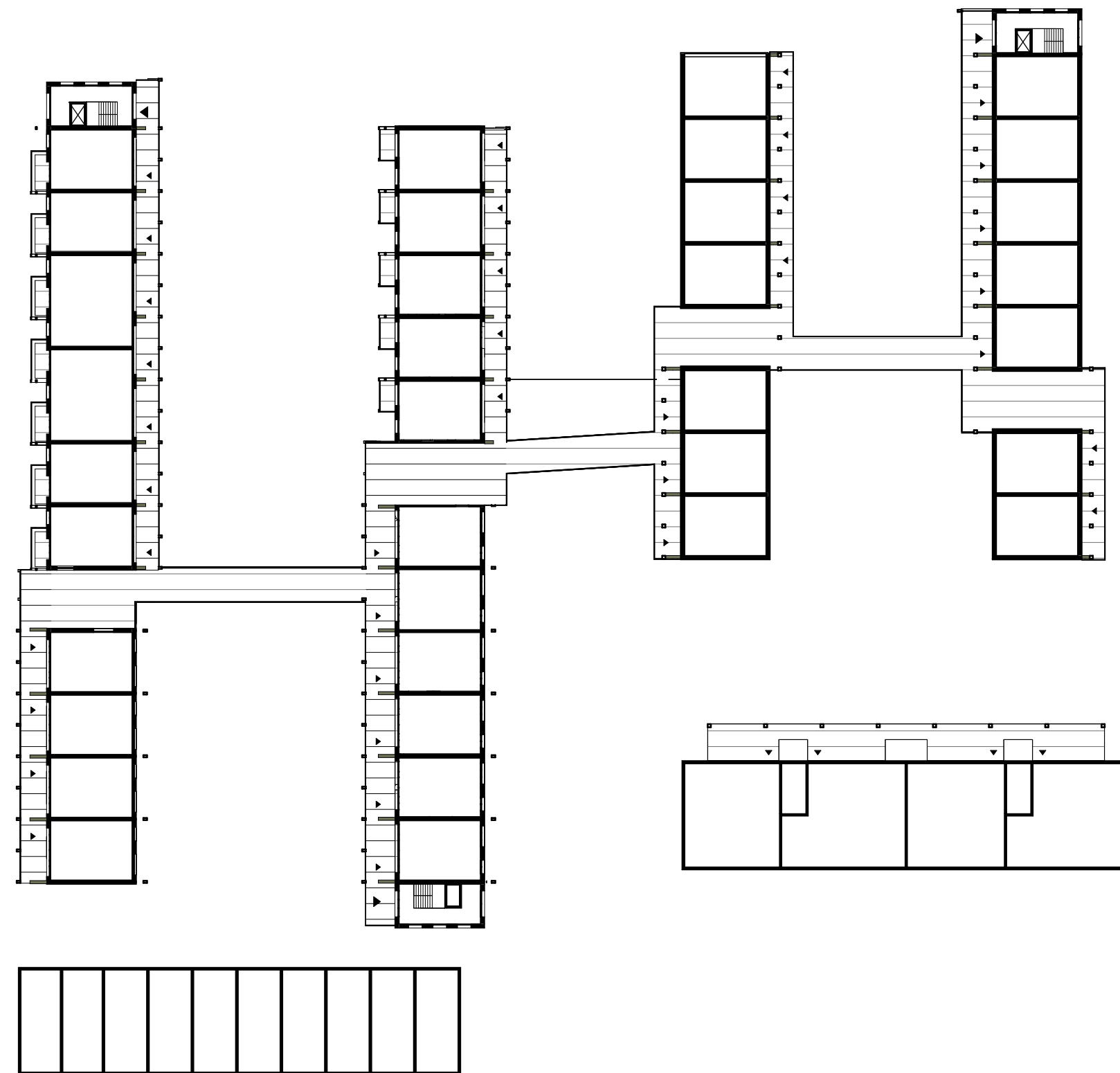
The existing homes are topped with homes that consist of 1D and 2D elements



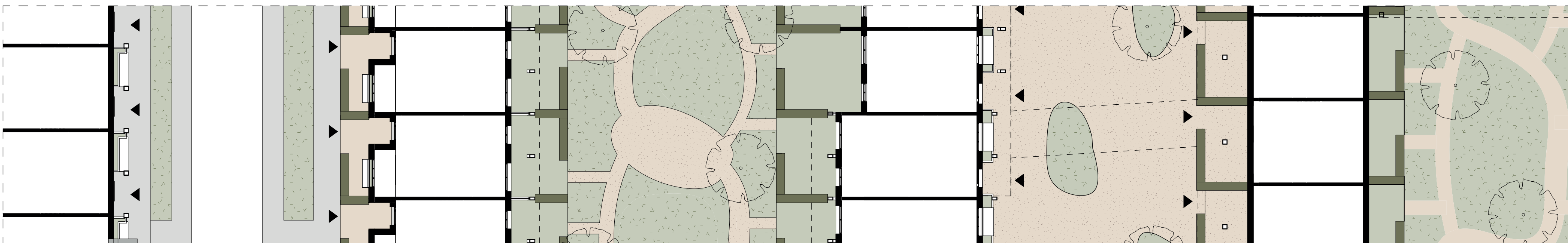
Car-free neighborhood with shared functions in the plinth



Galleries make the top ups accessible, collective gardens are created on the ground floor



Section block 1:200



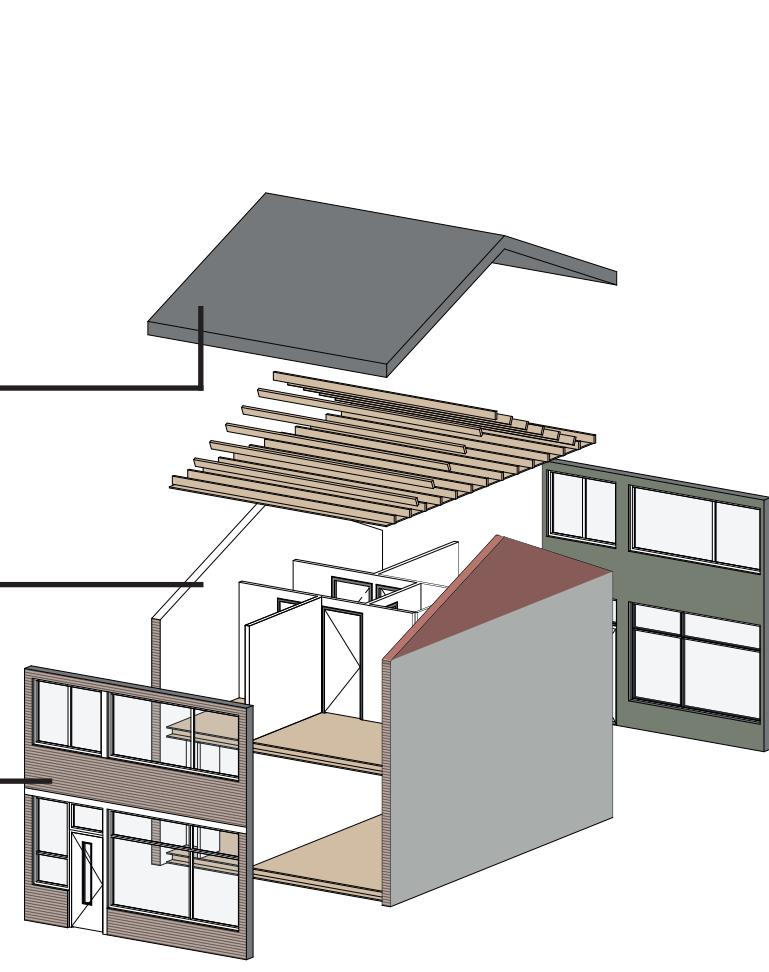
Ground floor plan 1:200

**Removed weight
12.660 kg**

Roof tiles
2.160 kg

Concrete inner wall
7.500 kg

Brick
2.993 kg



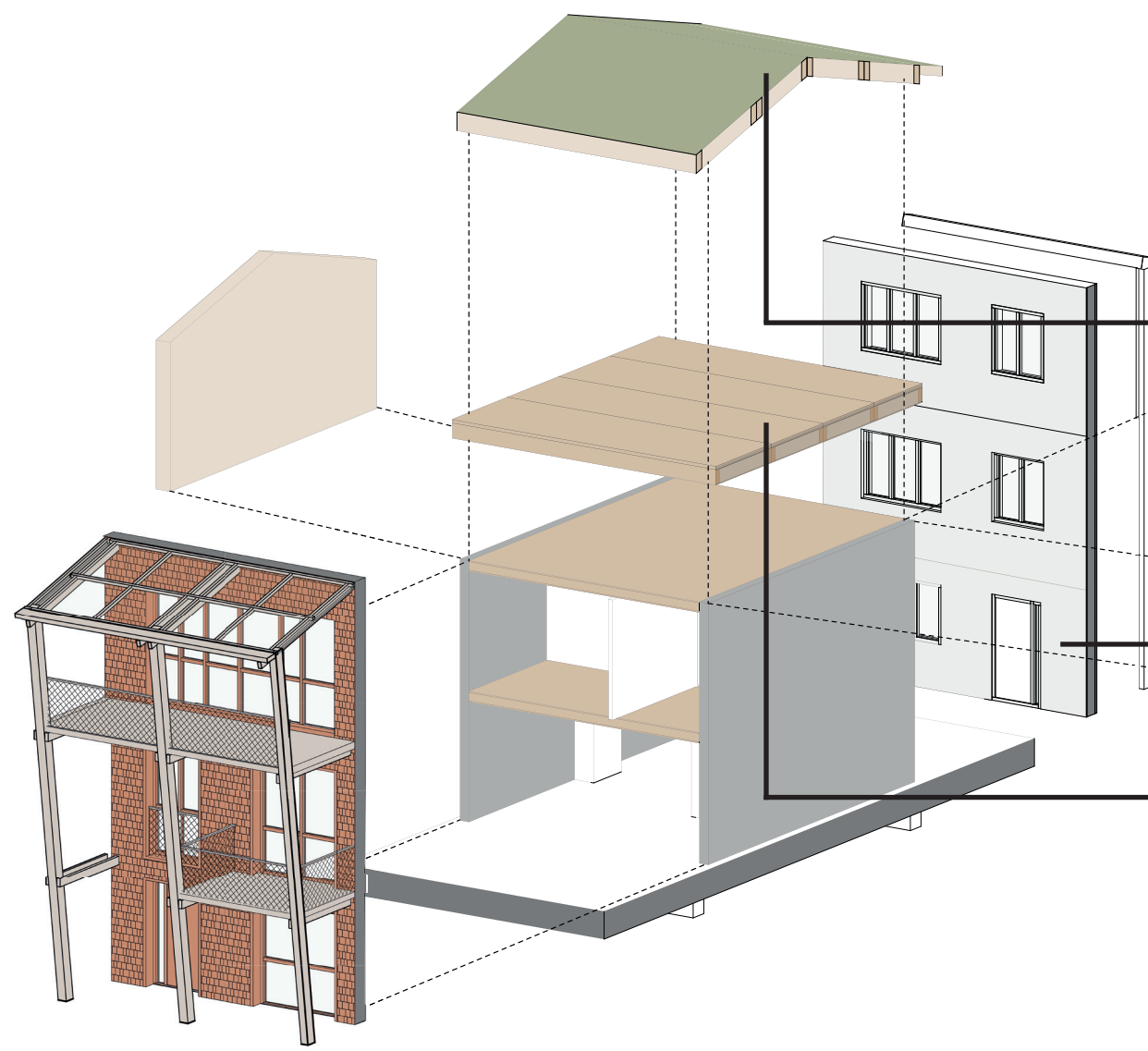
**Added weight
13.264 kg**

Roof elements
2.004 kg

Separation walls
1.135 kg

Facade elements
6.156 kg

Floor elements
2.604 kg



Facade configurations



North facade front 1:200



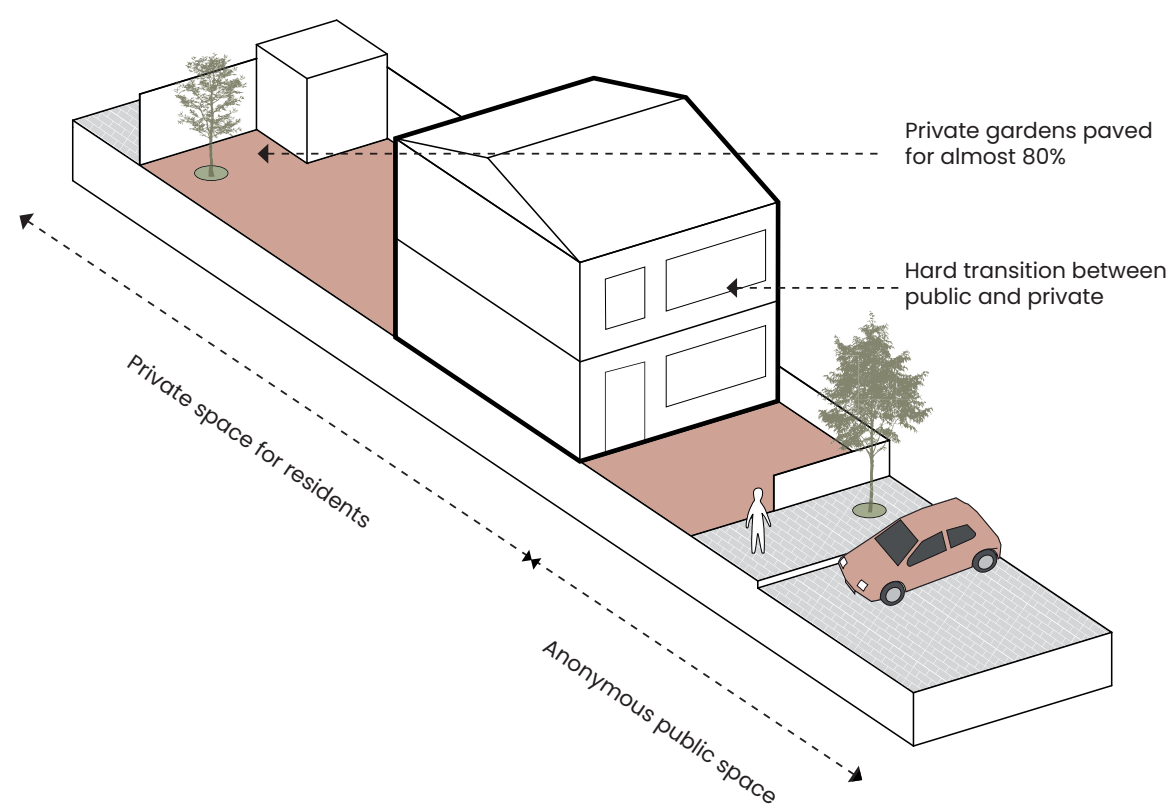
South facade courtyard 1:200



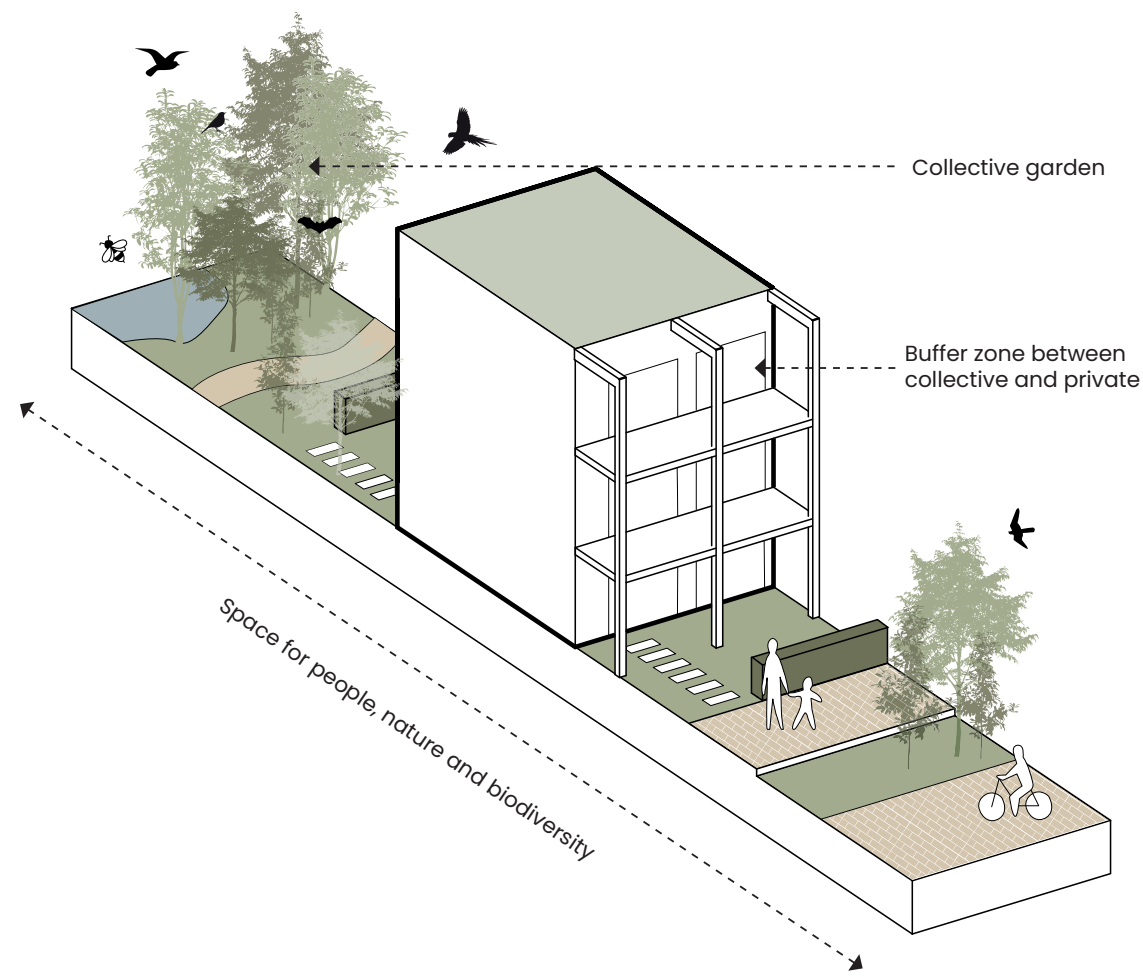
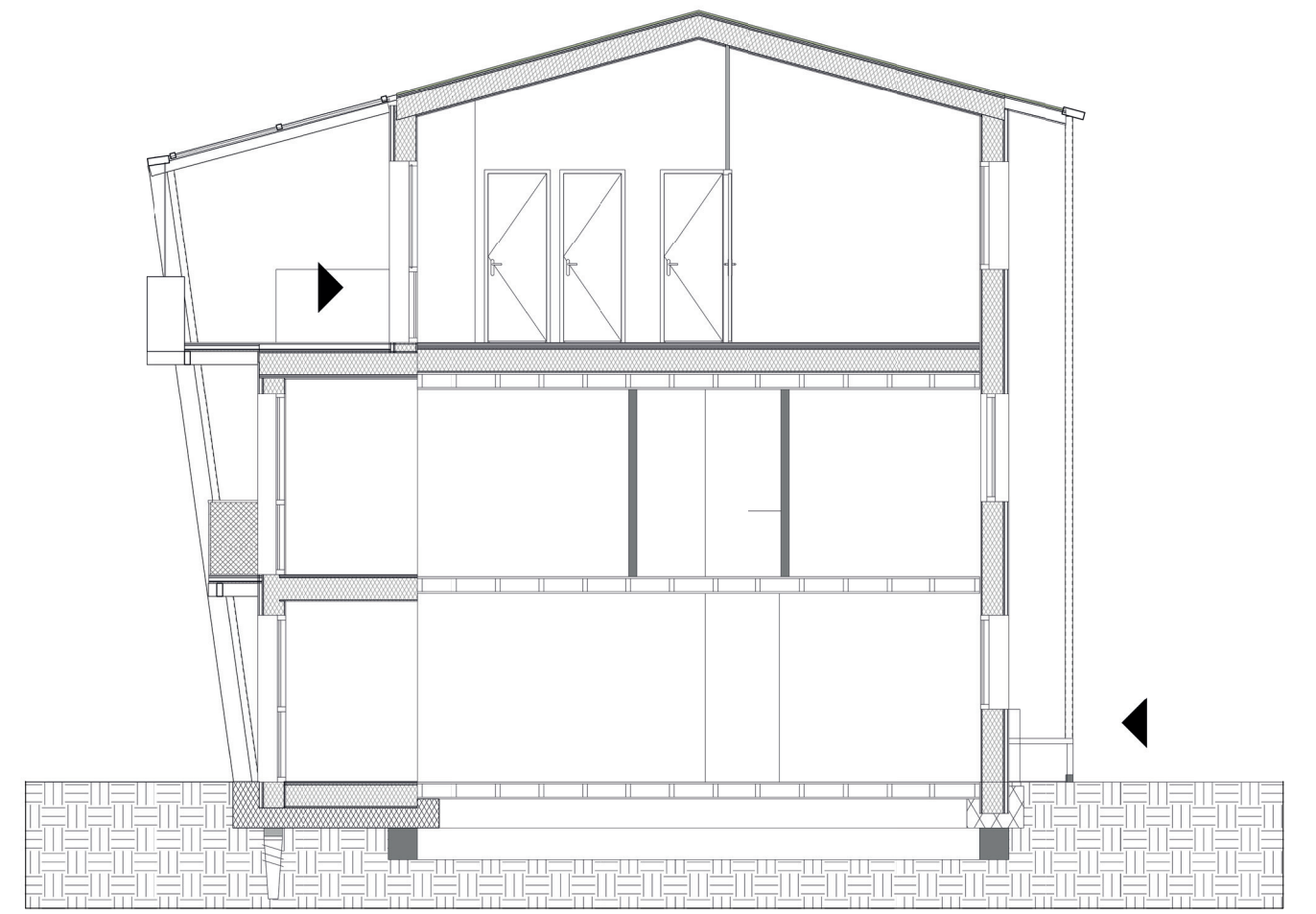
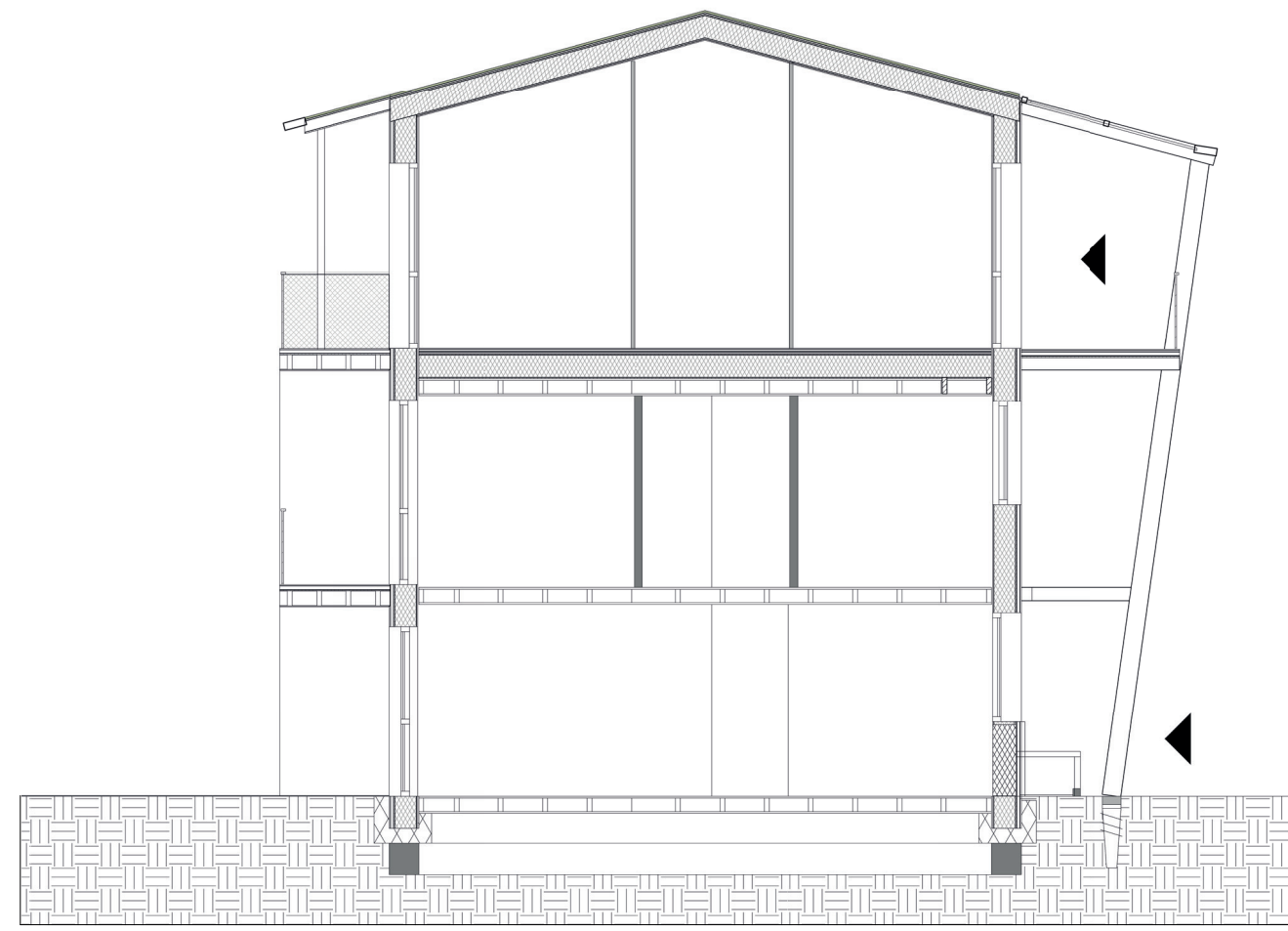
South facade front 1:200



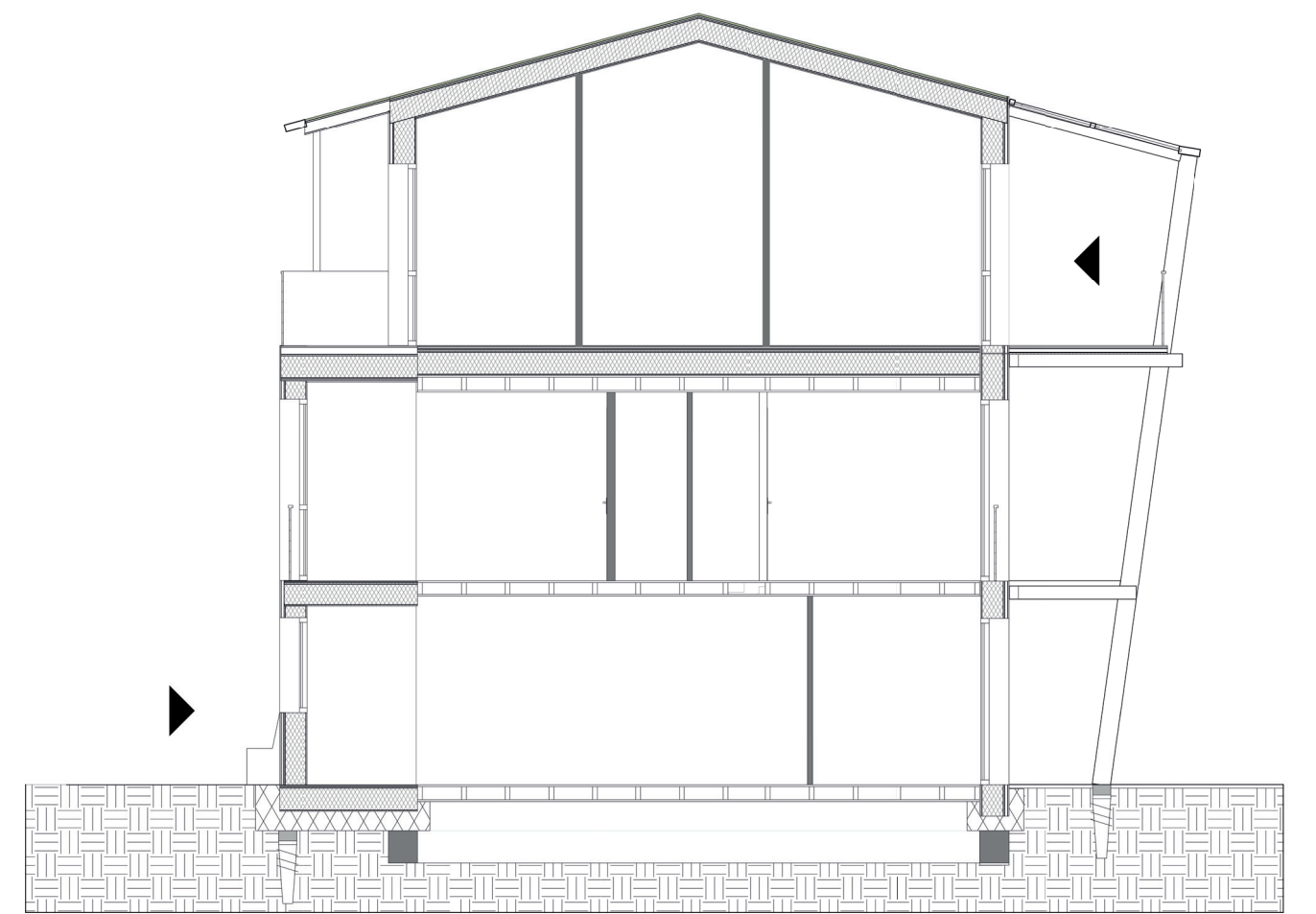
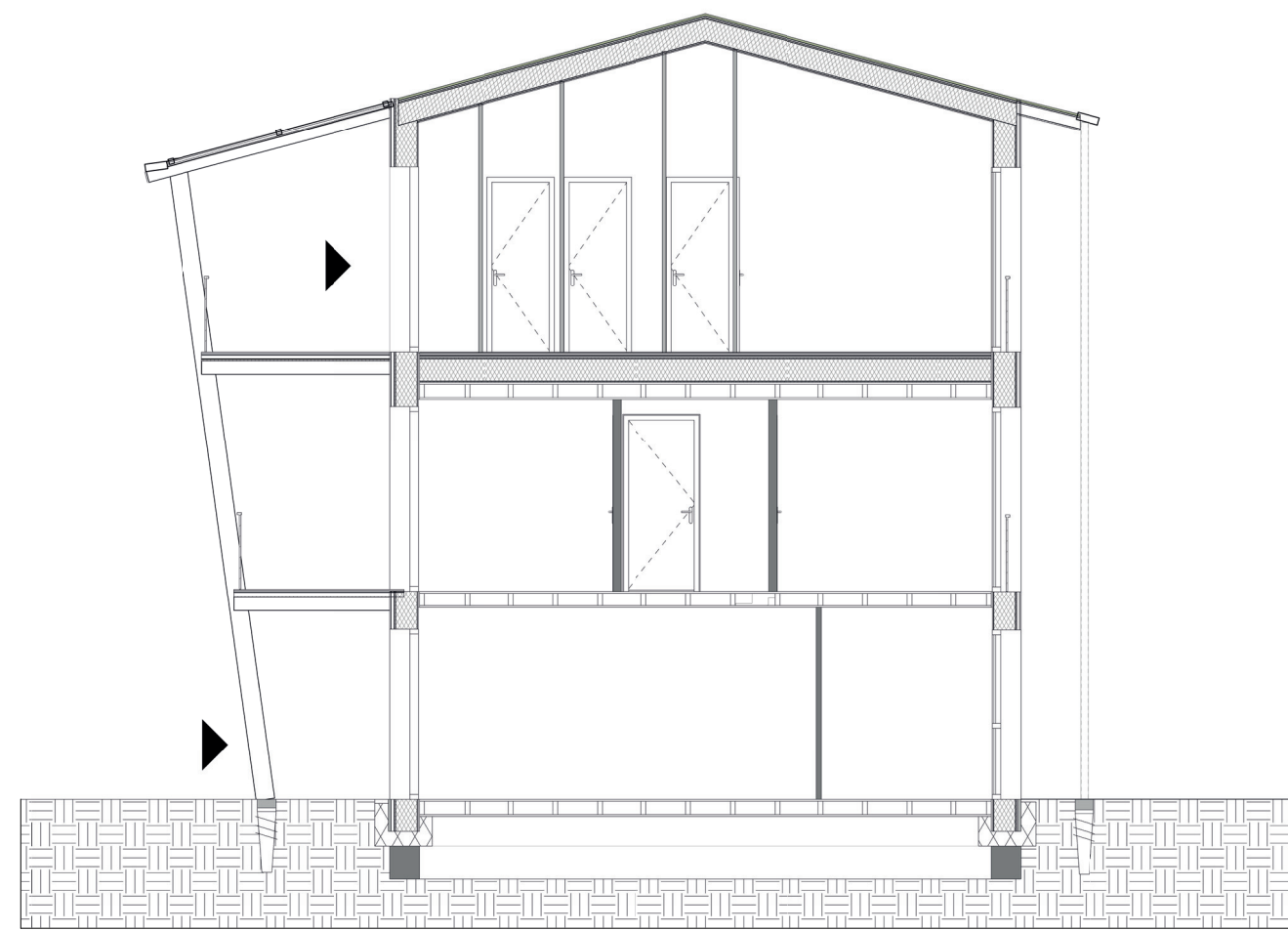
North facade courtyard 1:200



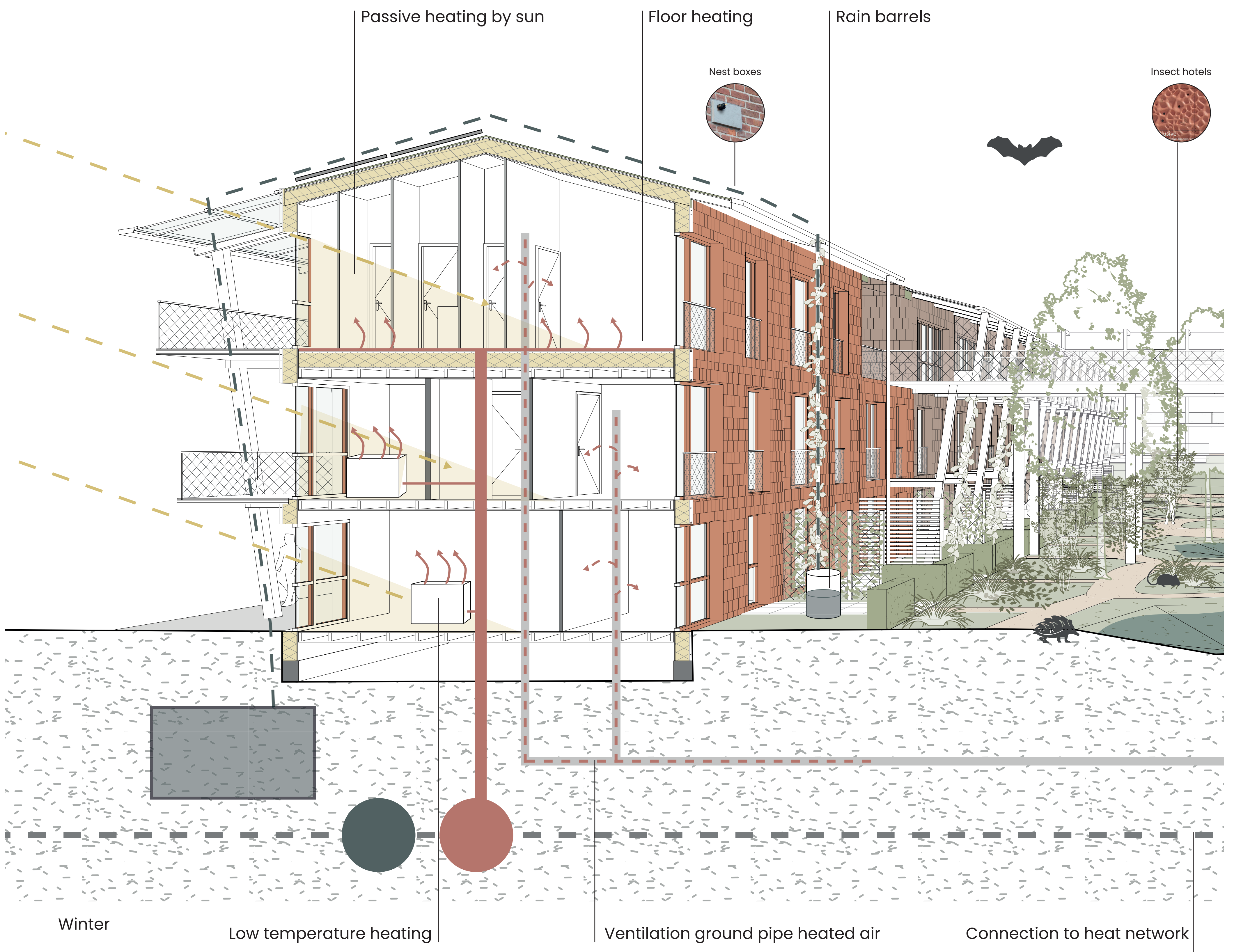
Existing use of space

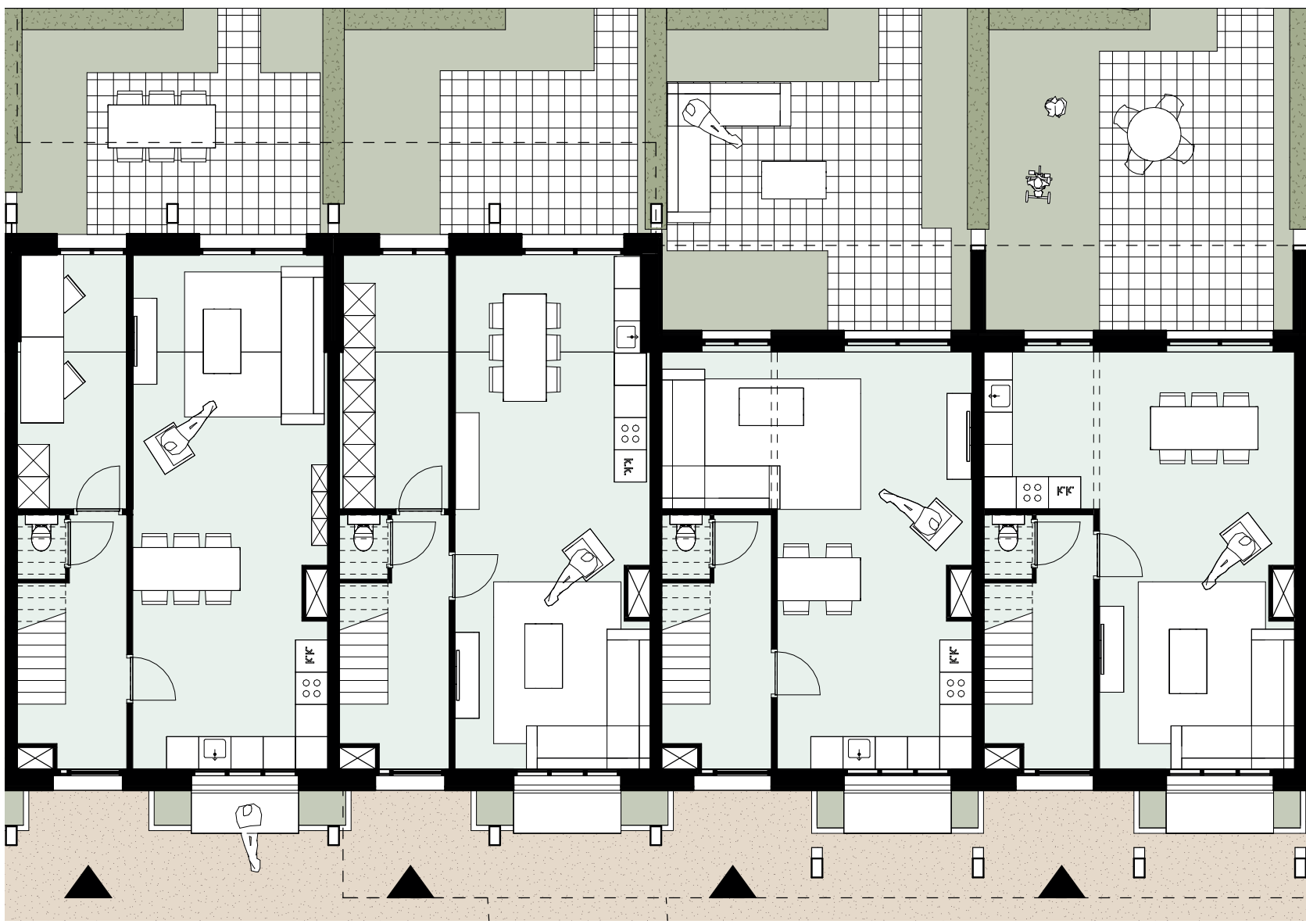


New use of space

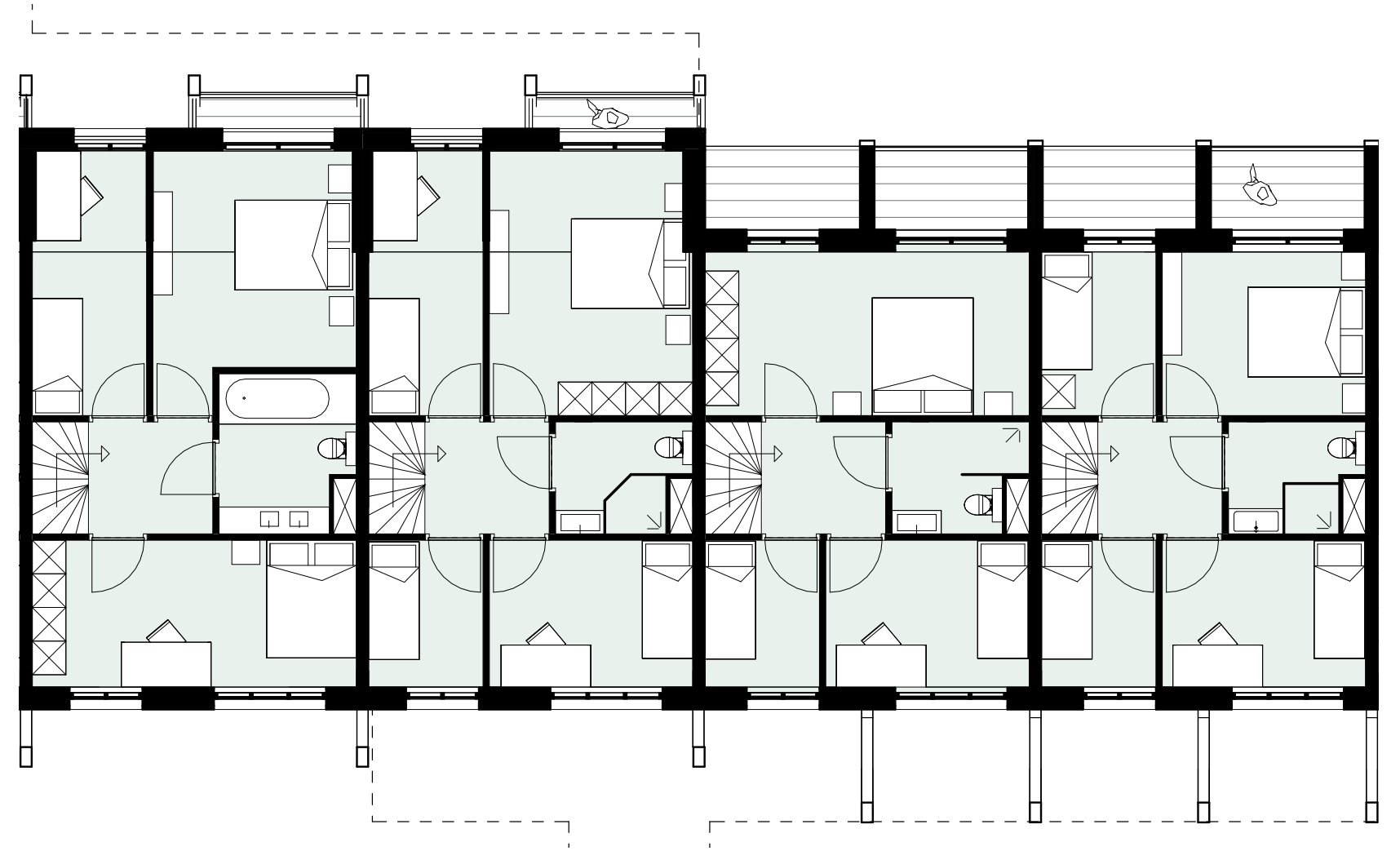


Sections 1:100

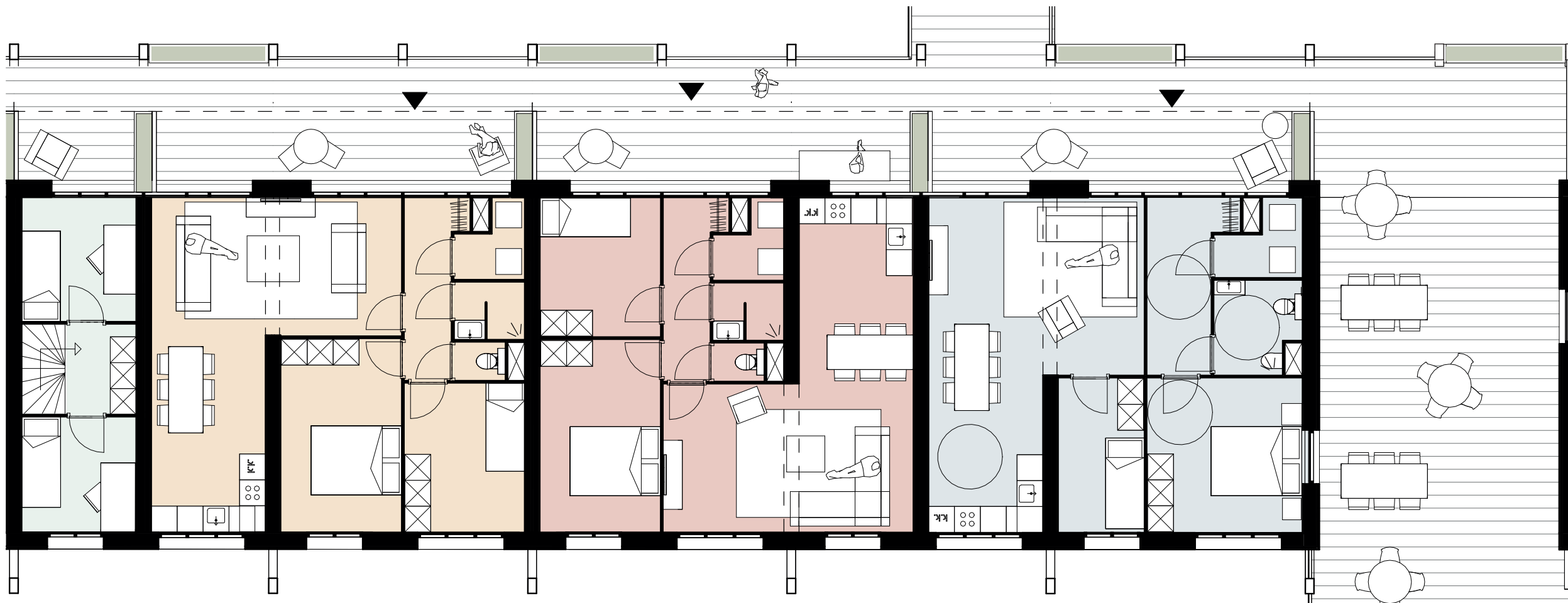




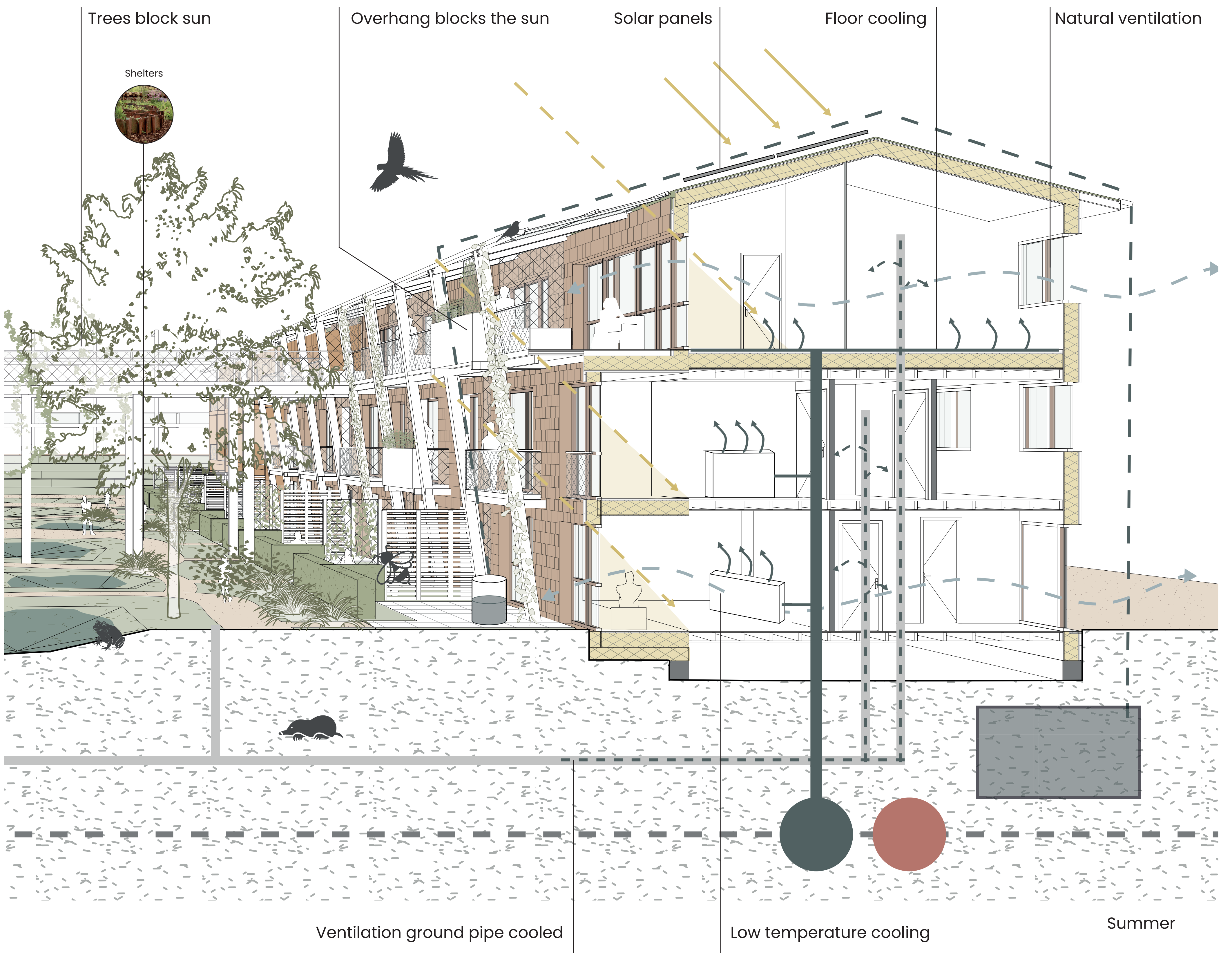
Plan ground floor 1:100

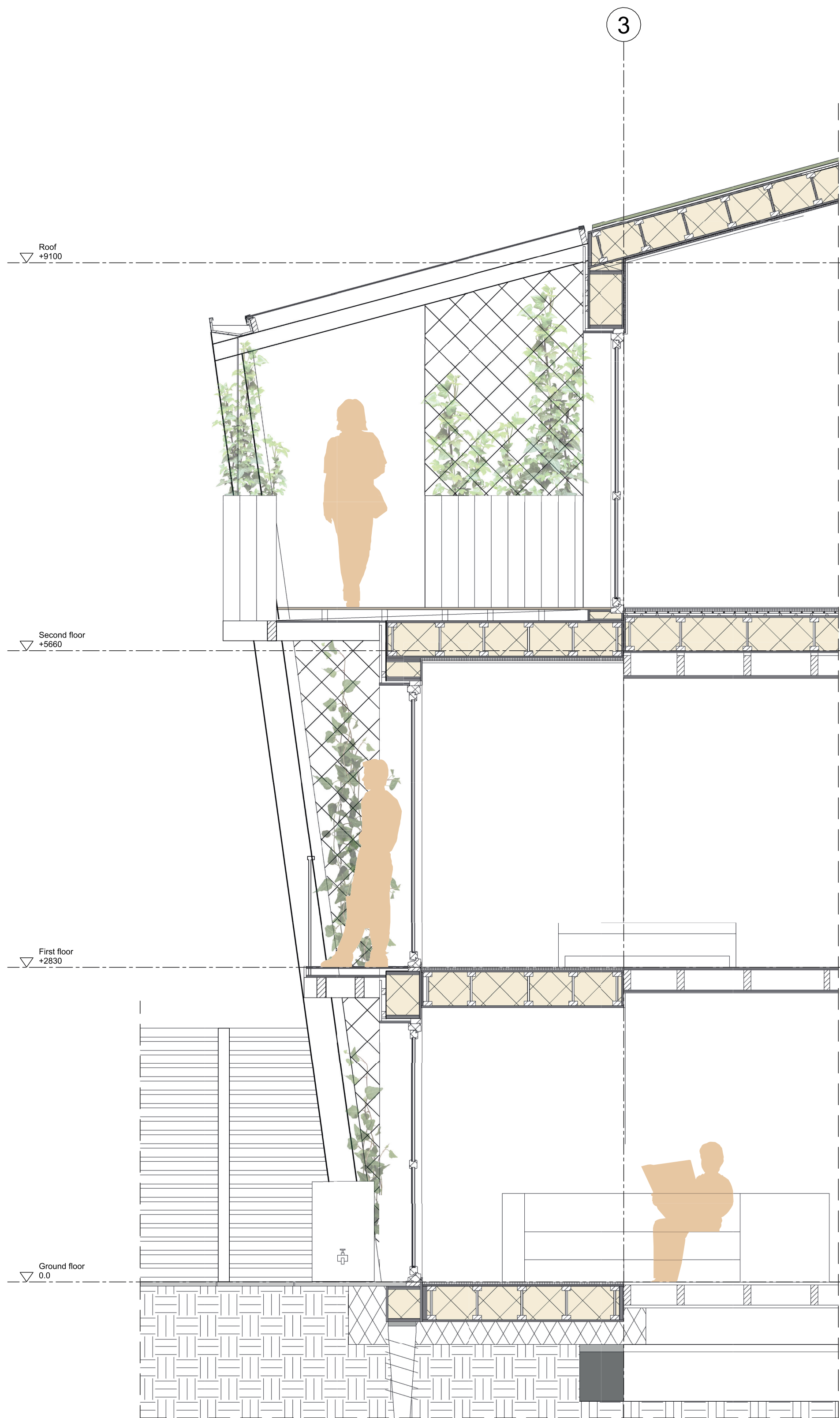


Plan first floor 1:100



Plan second floor 1:100

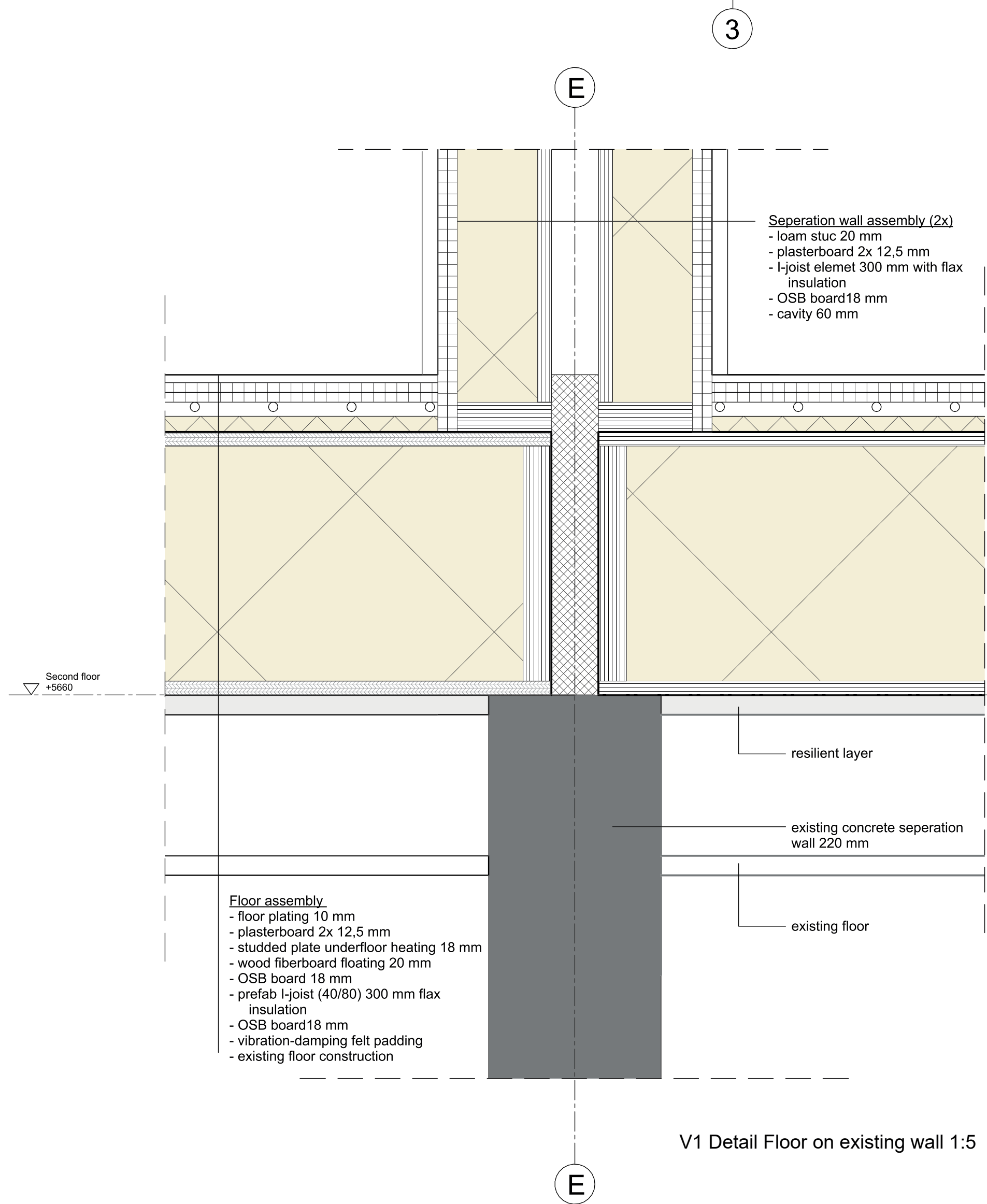




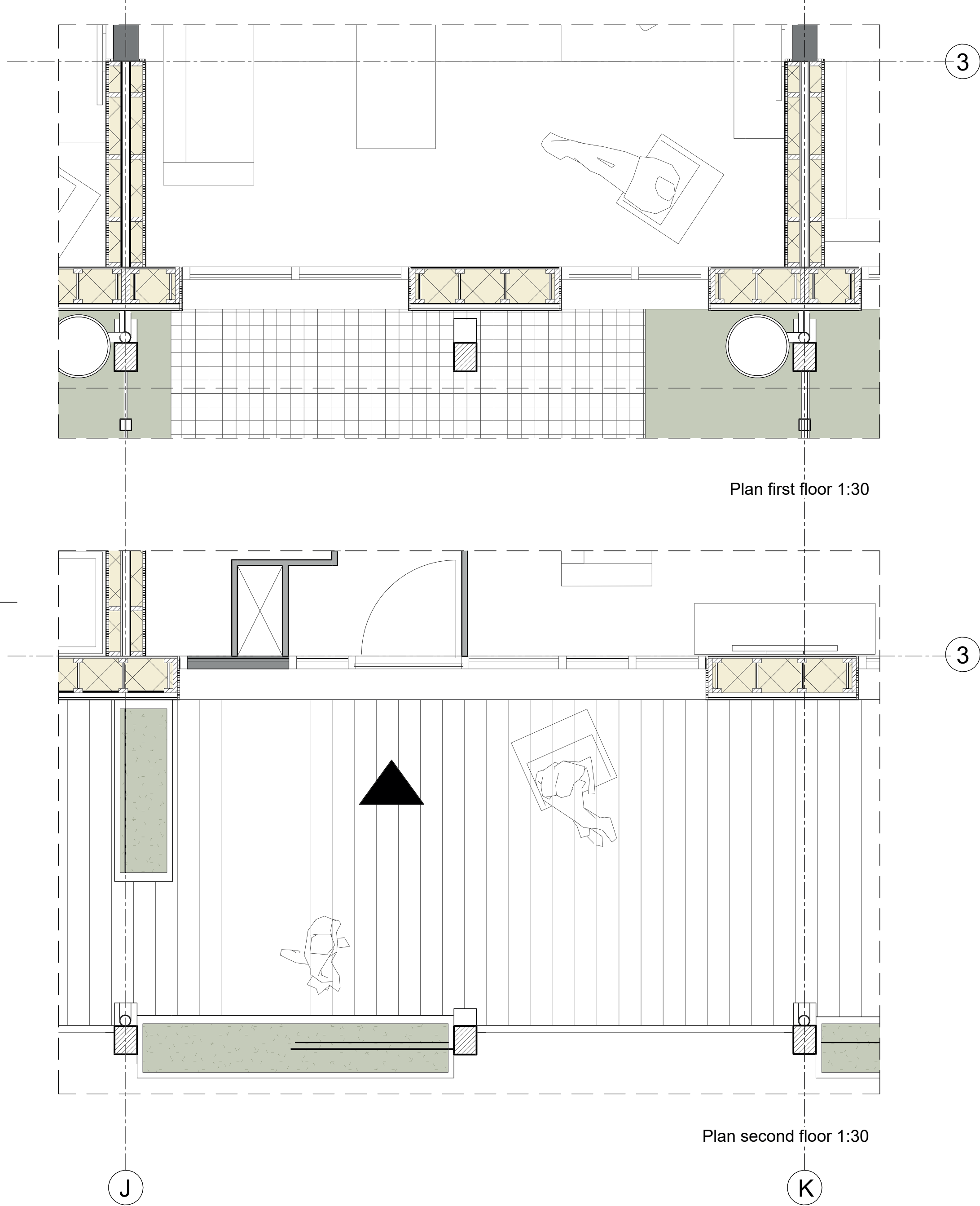
Section back facade 1:30



Back facade 1:30



V1 Detail Floor on existing wall 1:5



Plan first floor 1:30

Plan second floor 1:30

natural ventilation

gutter with grid to prevent clogging by birds

beam Accoya
150 x 150 mm

column Accoya
250 x 200 mm

drainpipe recycled PVC
100 mm

preforated stainless steel edge profile

flashing

natural ventilation

beam Accoya
150x80 mm

Facade assembly Rc 7.5 m²K/W
- Platowood shingels 8 mm
double layers
- ventilated attachment
impregnated spruce wood 25 mm
- water resistant vapor open foil
recycled
- prefab I-joist panels with flax
insulation 300 mm
- vapor barrier foil
- birch plywood 18 mm

Roof assembly Rc 7.5 m²K/W
- moss roof 30 mm
- drainage mat 20 mm
- water resistant vapor open foil
recycled
- OSB board 18 mm
- prefab I-joist panels with flax
insulation 280 mm
- OSB board 18 mm
- loam plaster 20 mm

INSIDE

exterior casing Nobelwood

Fintri window frame

OUTSIDE

V4 Roof detail 1:5

steel frame
balcony railing
30 x 30 mm

wooden beam
180 x 80 mm

Fintri window frame

Gallery floor assembly
- Reyesta biocomposite floor finishing 18 mm
- slope plate with adjusting blocks
- water resistant vapor open foil recycled
- OSB board 18 mm
- prefab I-joist (40/80) 300 mm flax insulation
- OSB board 18 mm
- clay plaster 20 mm

Floor assembly
- floor plating 10 mm
- plasterboard 2x 12.5 mm
- studed plate underfloor heating 18 mm
- wood fiberboard floating 20 mm
- OSB board 18 mm
- prefab I-joist (40/80) 300 mm flax insulation
- OSB board 18 mm
- vibration-damping felt padding
- existing floor construction

V3 Gallery detail 1:5

drainpipe recycled PVC
100 mm

tarrace tiles

Accoya wooden
column 250x200 mm

Floor assembly
- floor plating 10 mm
- Wood fiberboard floating 20 mm
- OSB board 18 mm
- prefab I-joist (40/80) 300 mm flax insulation
- OSB board 18 mm
- XPS insulation 200

existing floor

screw foundation

existing foundation

V2 Ground level detail 1:5