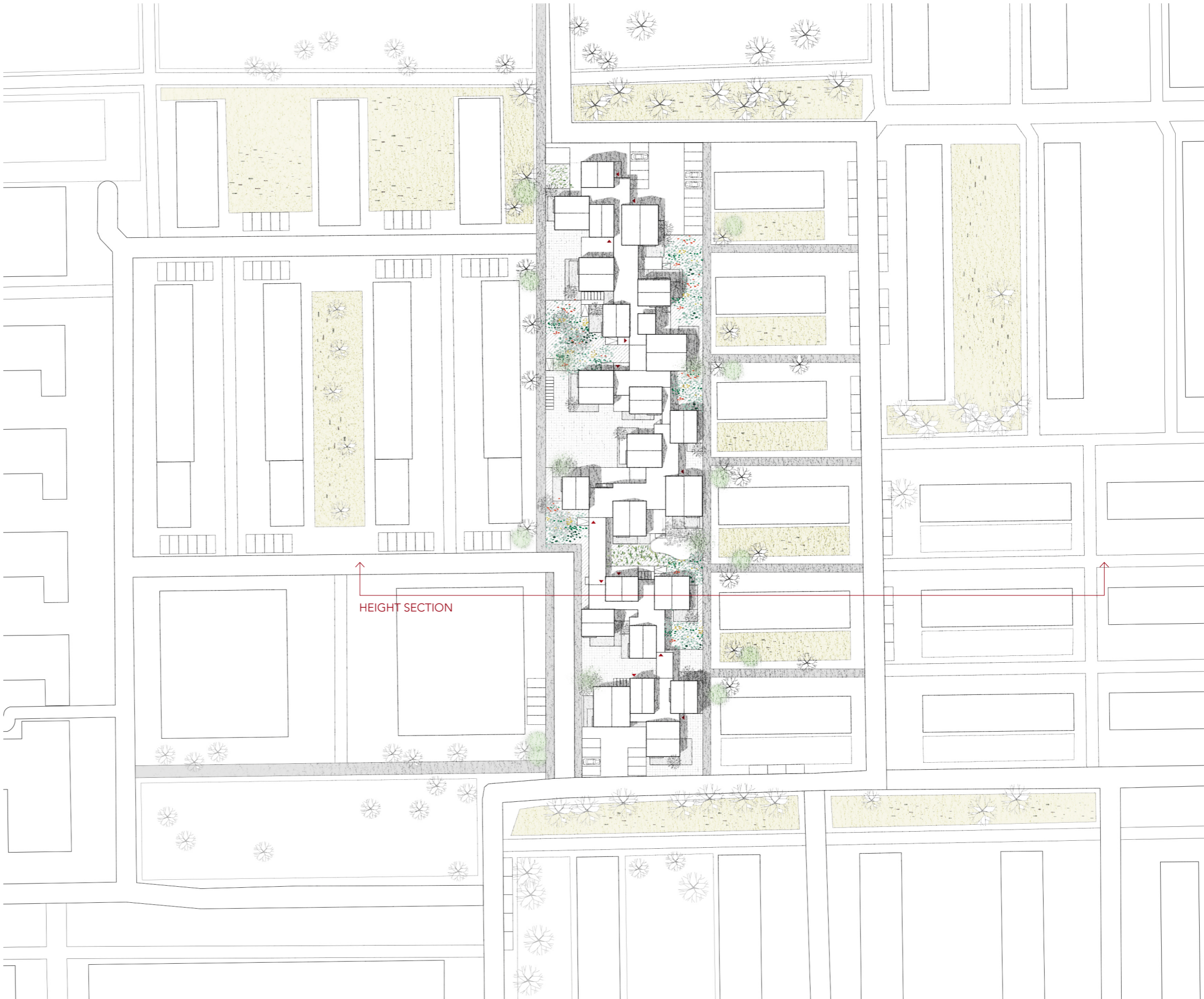
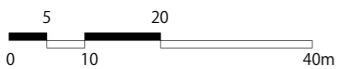


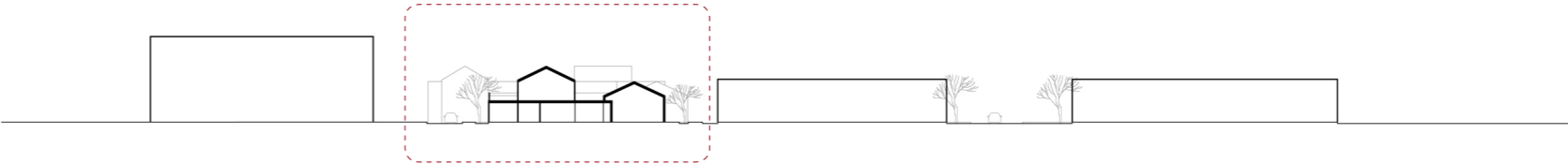
Masterplan



SITE PLAN
scale 1:1000



HEIGHT SECTION
scale 1:1000

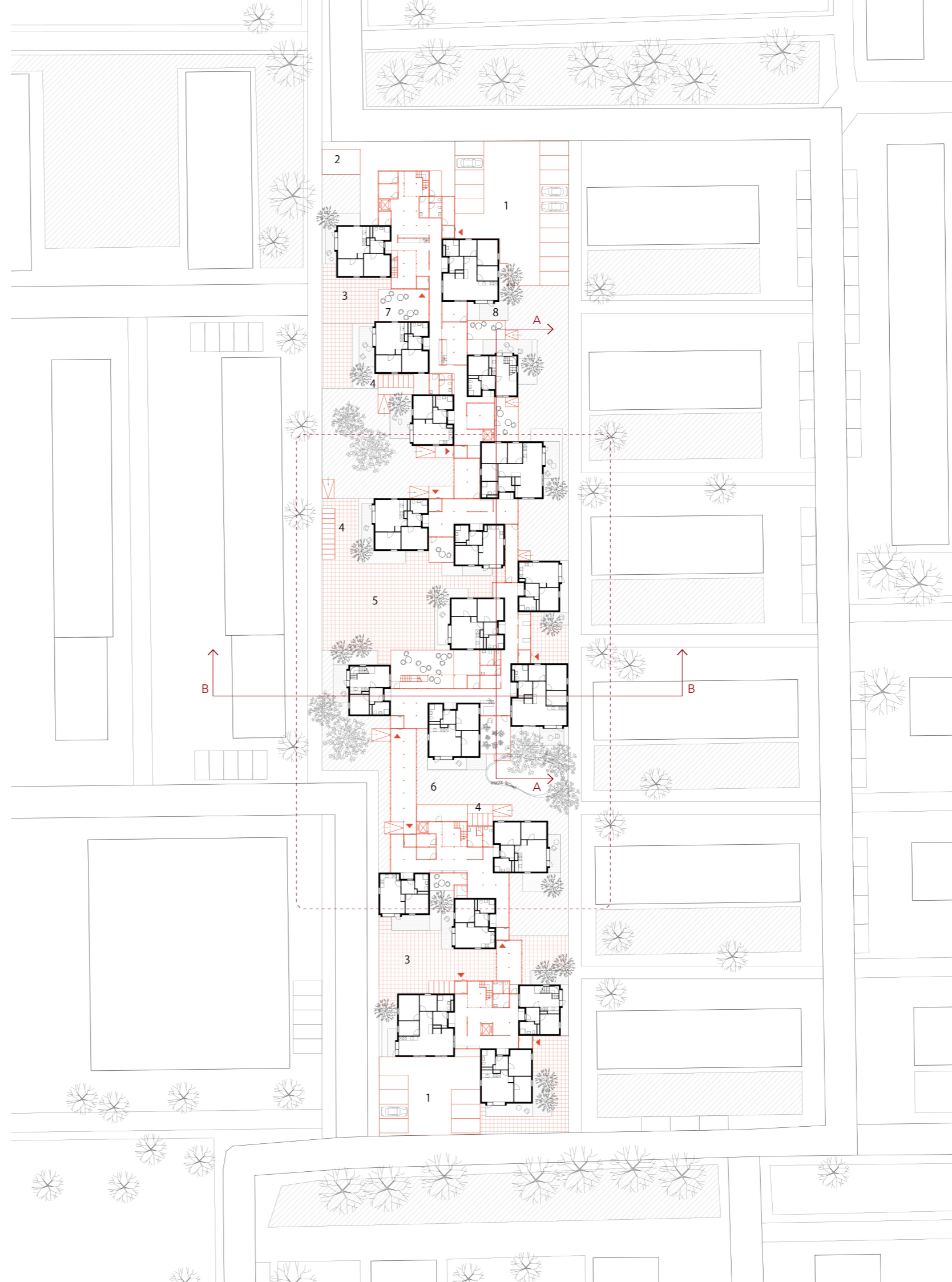
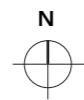


Floorplans

- 1 car parking
- 2 truck parking
- 3 square
- 4 bike parking
- 5 playground
- 6 central park
- 7 public outdoor area
- 8 private outdoor area



GROUND LEVEL
scale 1:500

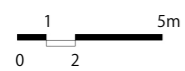


RESIDENTIAL CLUSTER 2

RESIDENTIAL CLUSTER 3

RESIDENTIAL CLUSTER 4

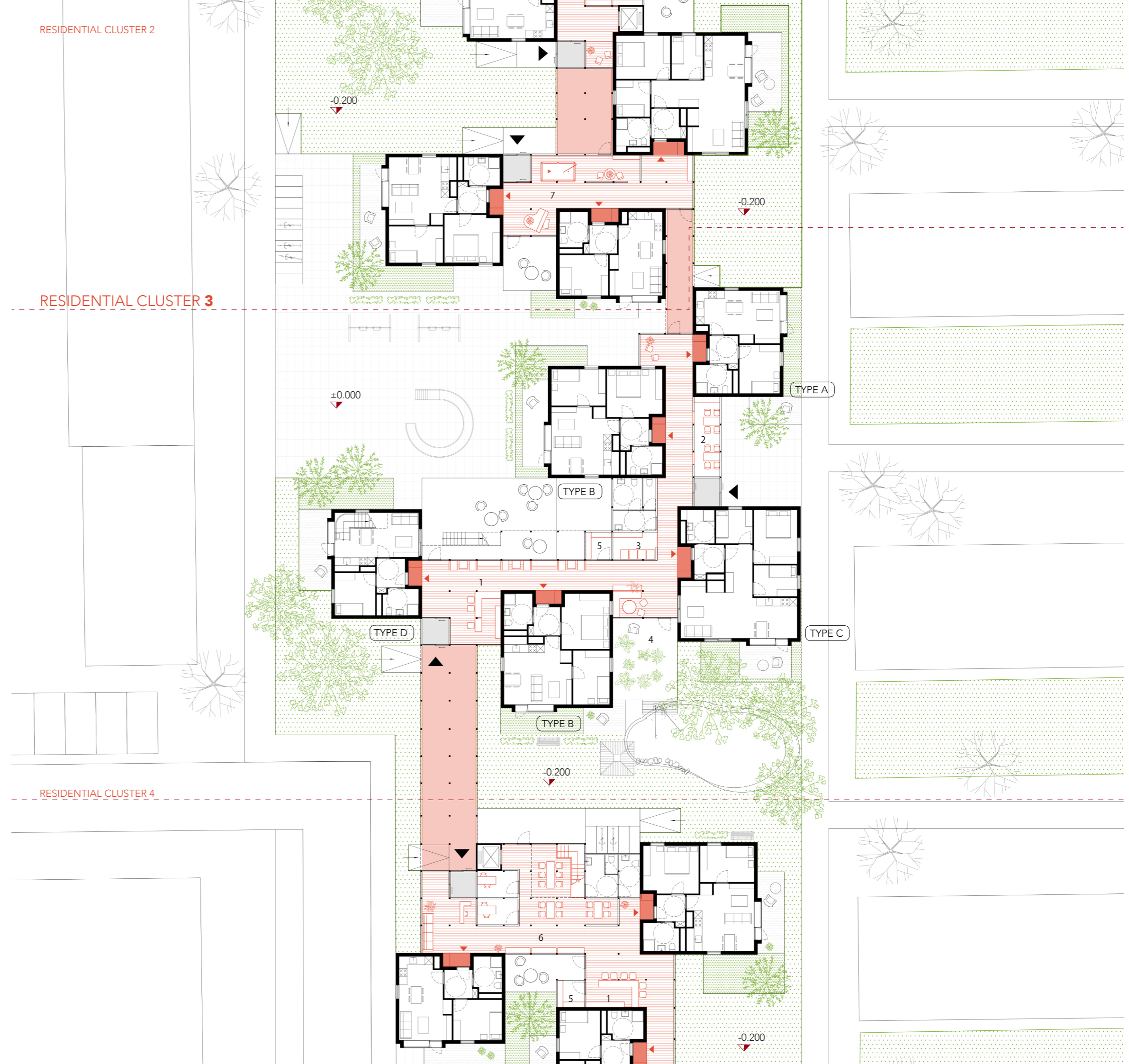
- 1 pantry
- 2 craft room
- 3 laundry
- 4 communal garden
- 5 storage
- 6 healthcare
- 7 lounge
- 8 terrace



GROUND FLOOR

Cluster 2,3,4

scale 1:200



RESIDENTIAL CLUSTER 2

RESIDENTIAL CLUSTER 3

RESIDENTIAL CLUSTER 4

TYPE D

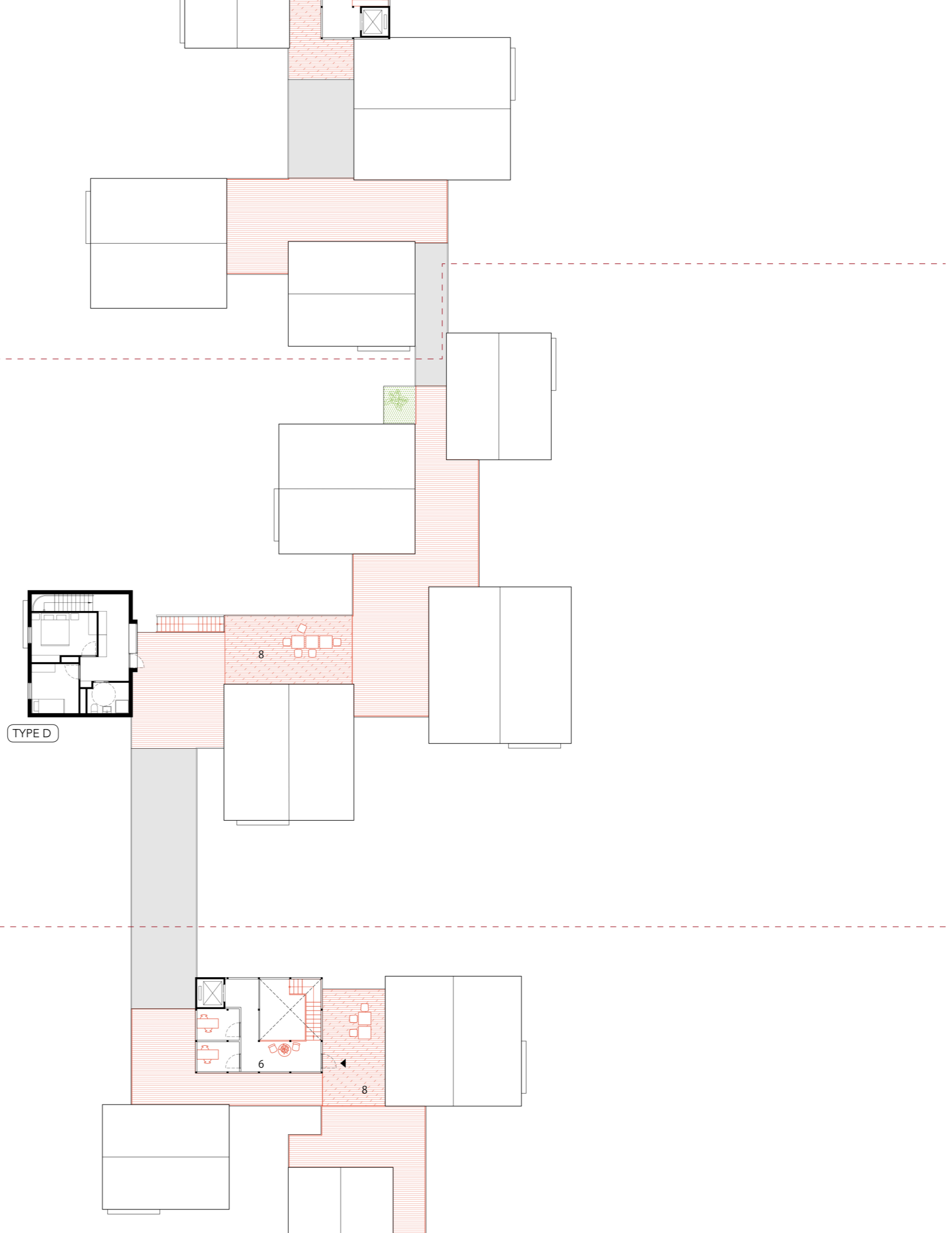
- 1 pantry
- 2 craft room
- 3 laundry
- 4 communal garden
- 5 storage
- 6 healthcare
- 7 lounge
- 8 terrace



FIRST FLOOR

Cluster 2,3,4

scale 1:200



Dwellings

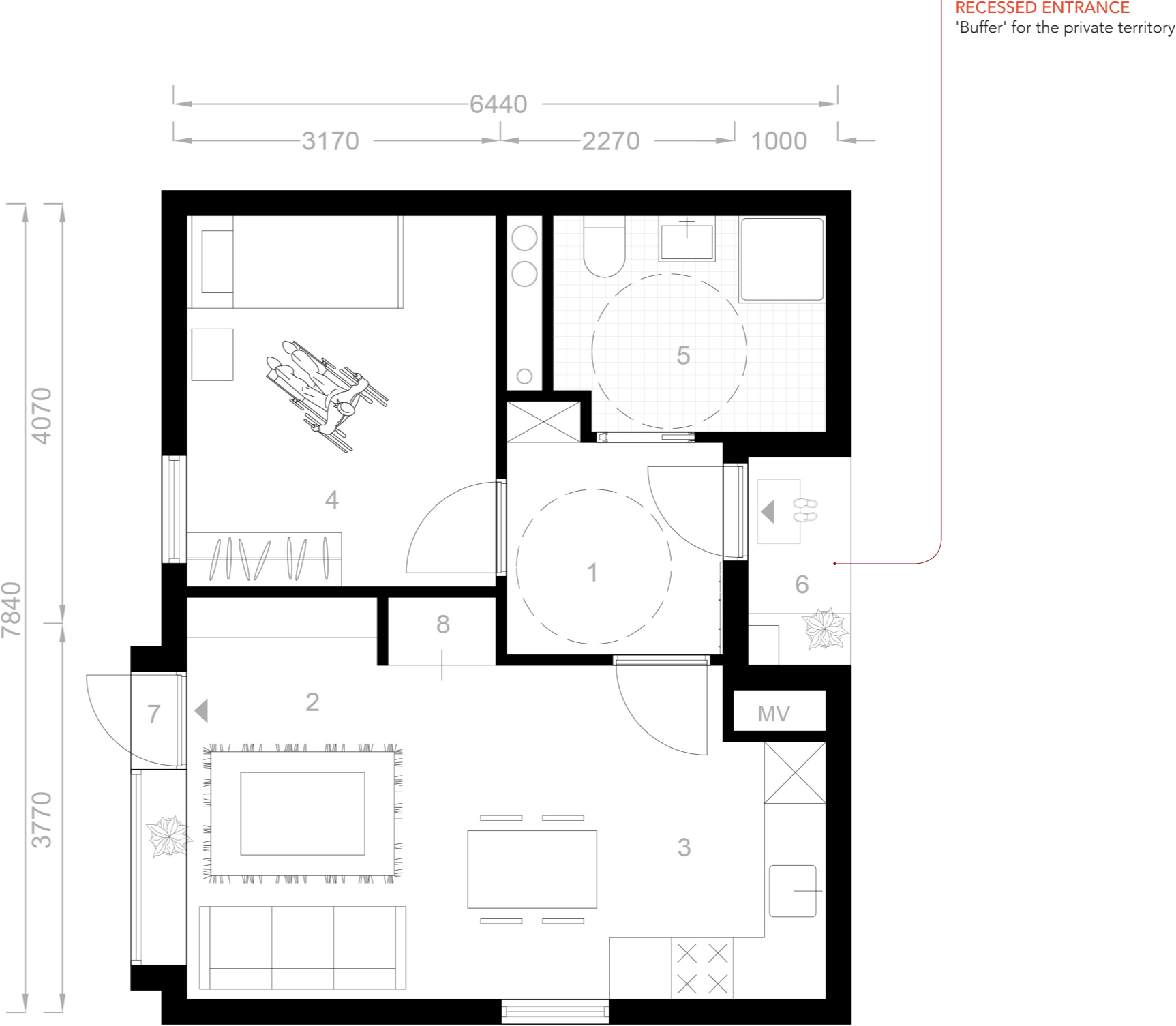


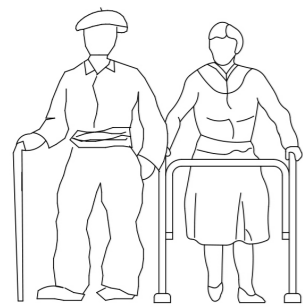
TYPE A
total area: 44.6m²

SINGLE ELDERLY

- 1 entrance
- 2 living room
- 3 kitchen & dining area
- 4 bedroom
- 5 bathroom
- 6 connection to indoor corridor
- 7 connection to courtyard
- 8 storage

DWELLING UNIT
scale 1:50





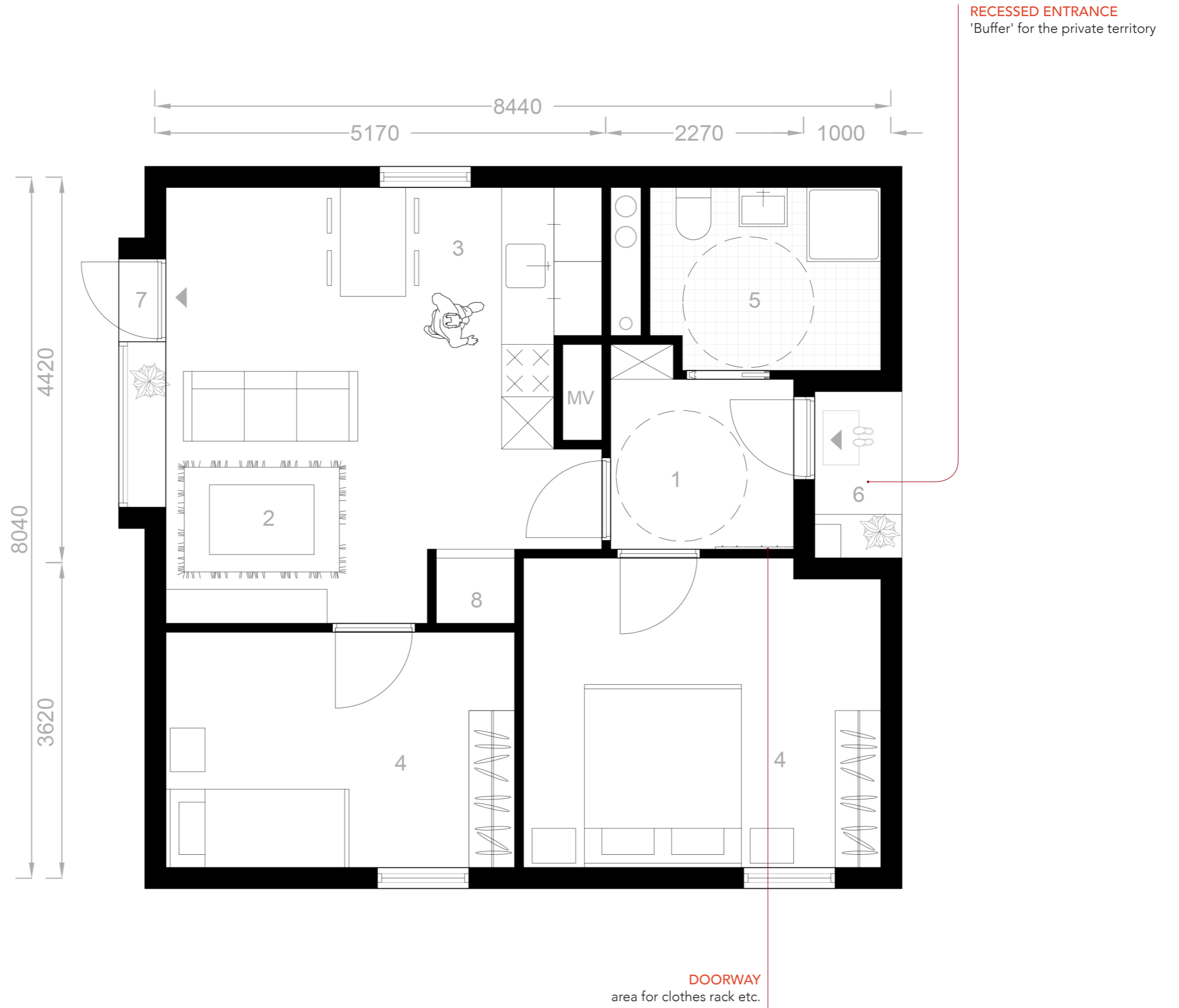
TYPE B
total area: 61.6m²

ELDERLY COUPLE

- 1 entrance
- 2 living room
- 3 kitchen & dining area
- 4 bedroom
- 5 bathroom

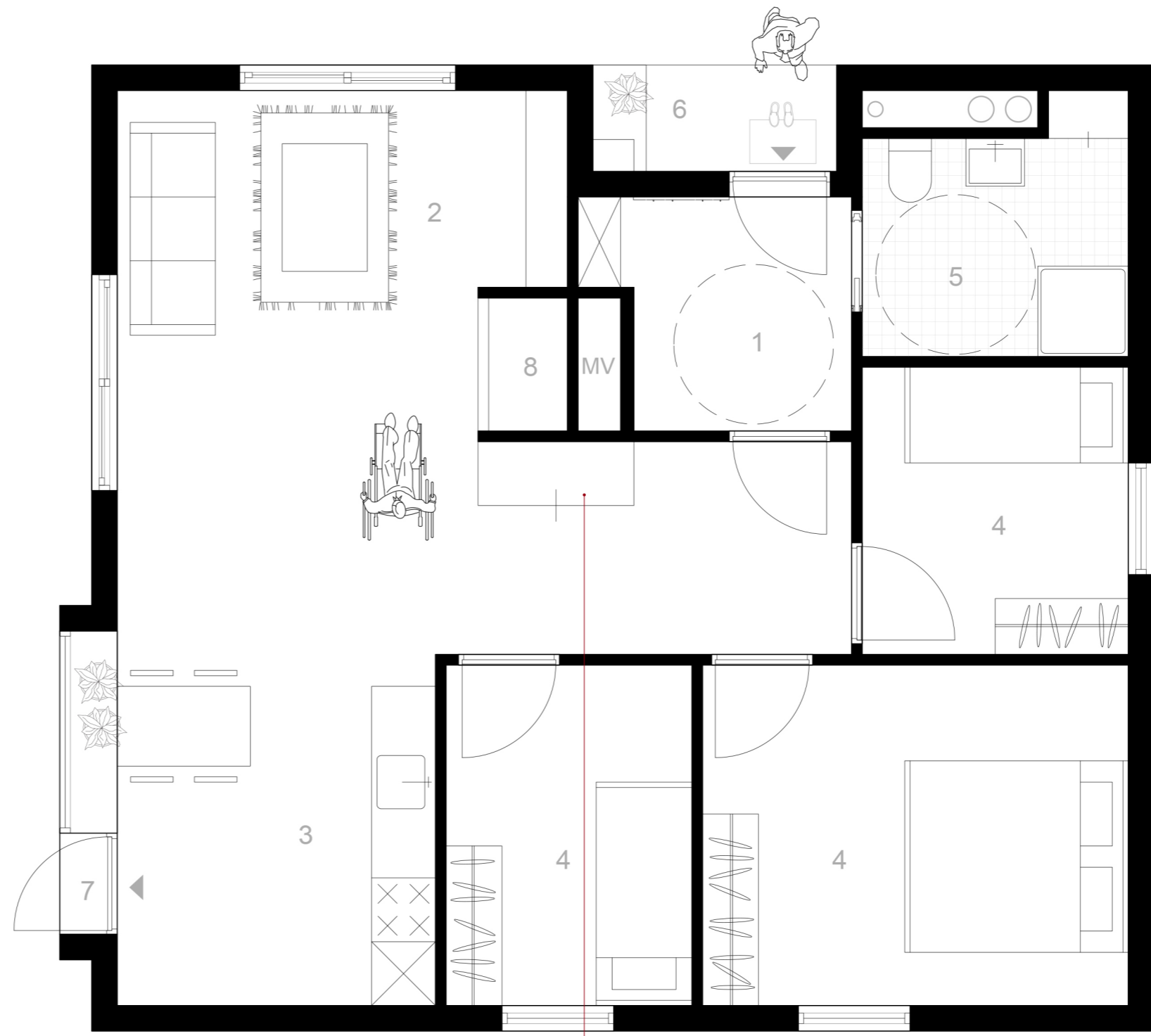
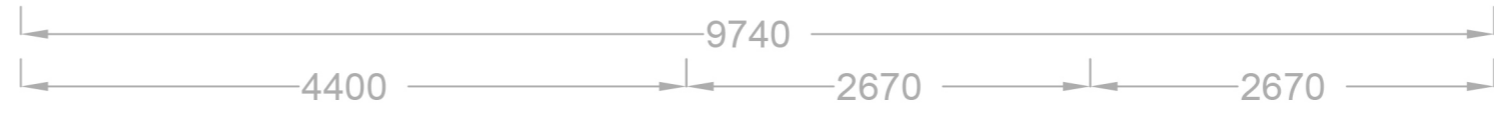
- 6 connection to indoor corridor
- 7 connection to courtyard
- 8 storage

DWELLING UNIT
scale 1:50





TYPE C
total area: 78.9m²

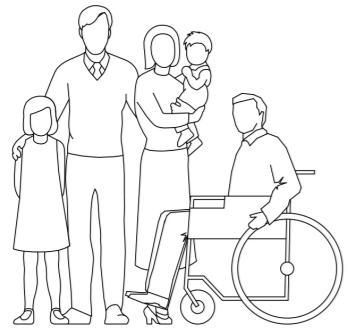


- 1 entrance
- 2 living room
- 3 kitchen & dining area
- 4 bedroom
- 5 bathroom

- 6 connection to indoor corridor
- 7 connection to courtyard
- 8 storage

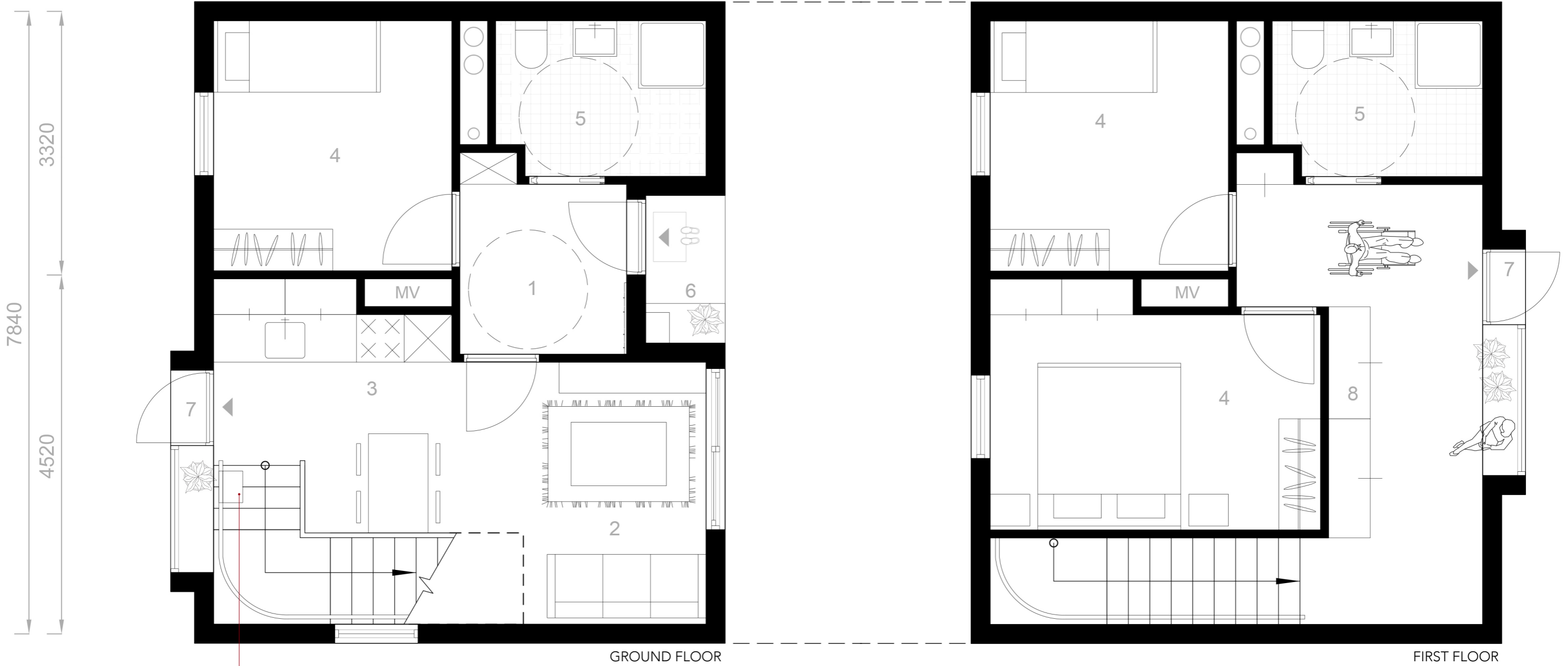
EXTRA STORAGE
(optional for walkers/wheelchairs etc.)

DWELLING UNIT
scale 1:50



TYPE D
total area: 89.6m²

FAMILY



GROUND FLOOR

FIRST FLOOR

STAIRLIFT FOR WHEELCHAIR
(optional if needed)

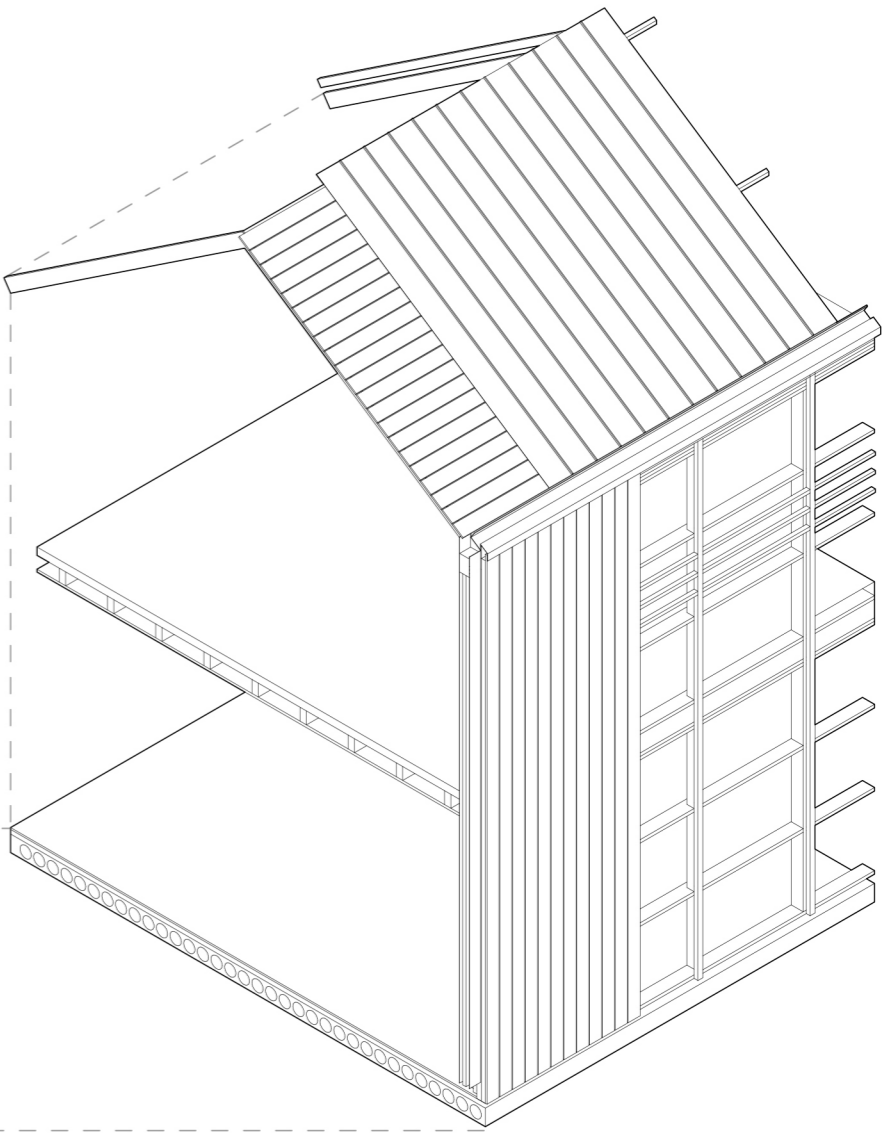
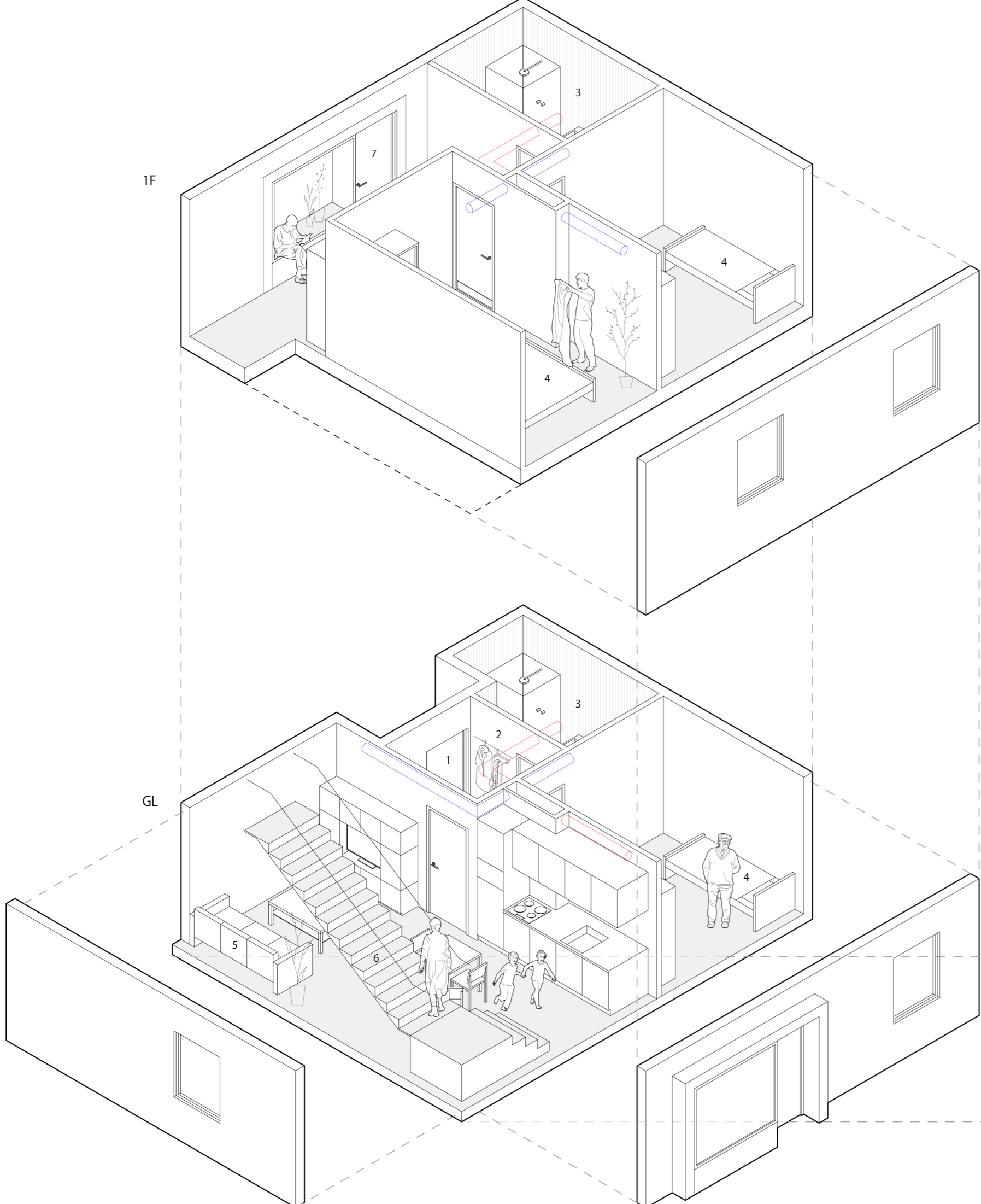
- 1 entrance
- 2 living room
- 3 kitchen & dining area
- 4 bedroom
- 5 bathroom
- 6 connection to indoor corridor
- 7 connection to courtyard
- 8 storage

DWELLING UNIT
scale 1:50

UNIT DETAILS & STRUCTURE

TYPE D

- 1 entrance door
- 2 entrance hall
- 3 bathroom
- 4 bed
- 5 sofa
- 6 stairs
- 7 access to terrace



Elevations



WEST ELEVATION

Cluster 1,2,3

scale 1:200



WEST ELEVATION

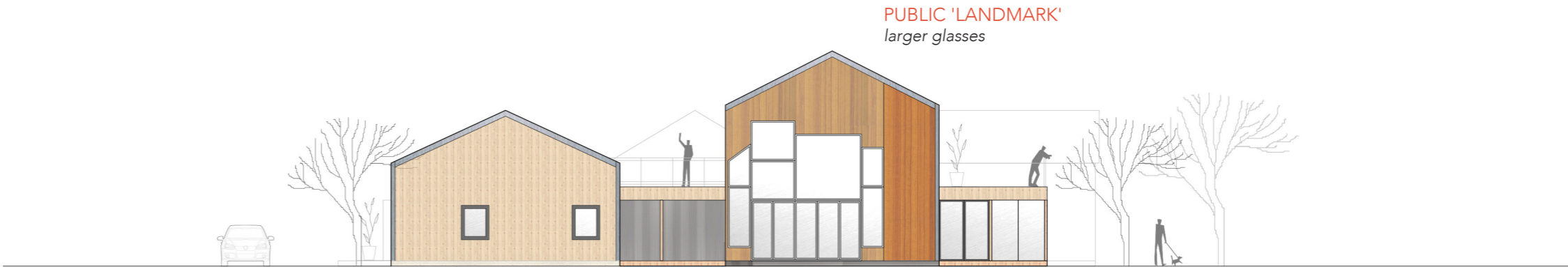
Cluster 4,5

scale 1:200

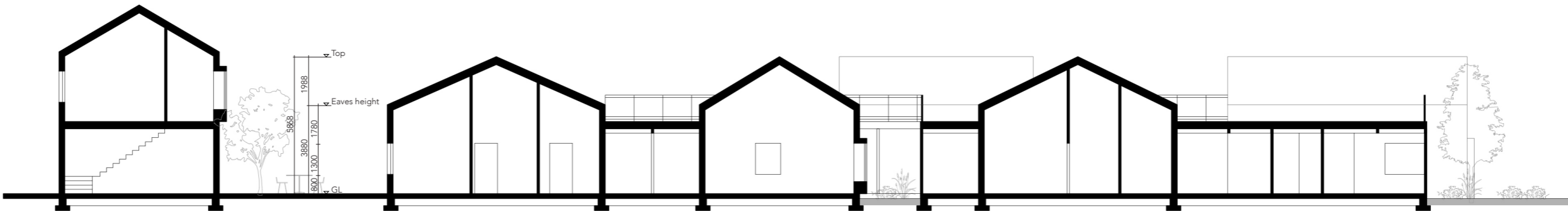
NORTH ELEVATION

Cluster 4

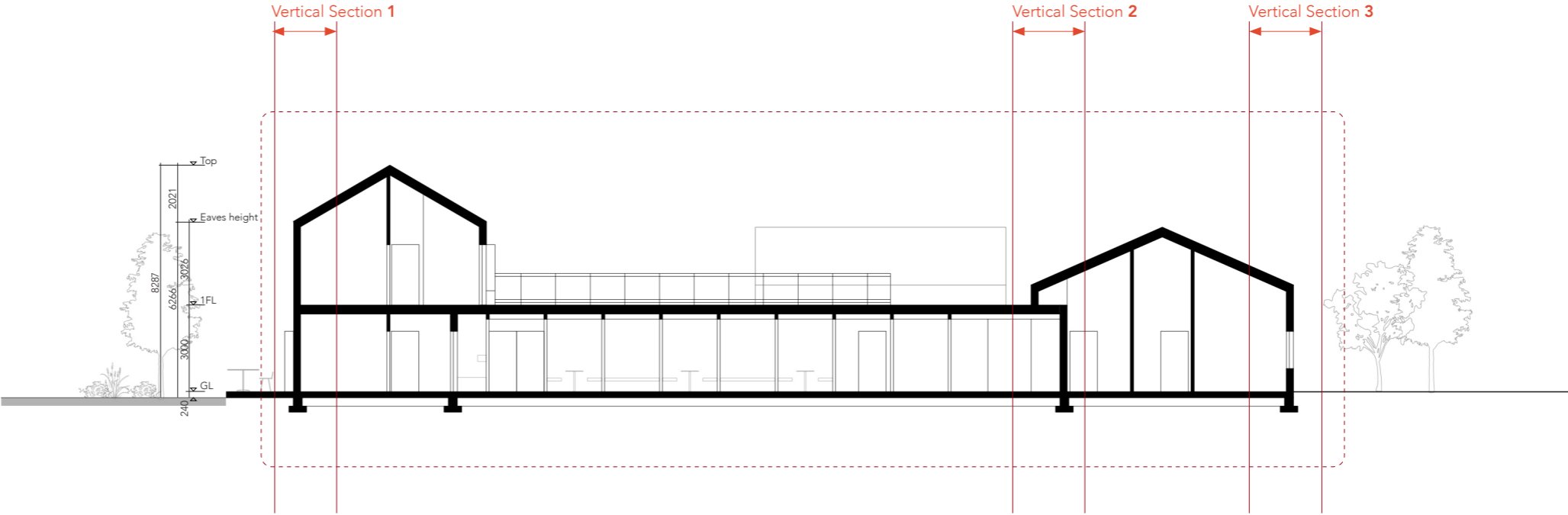
scale 1:200



Sections



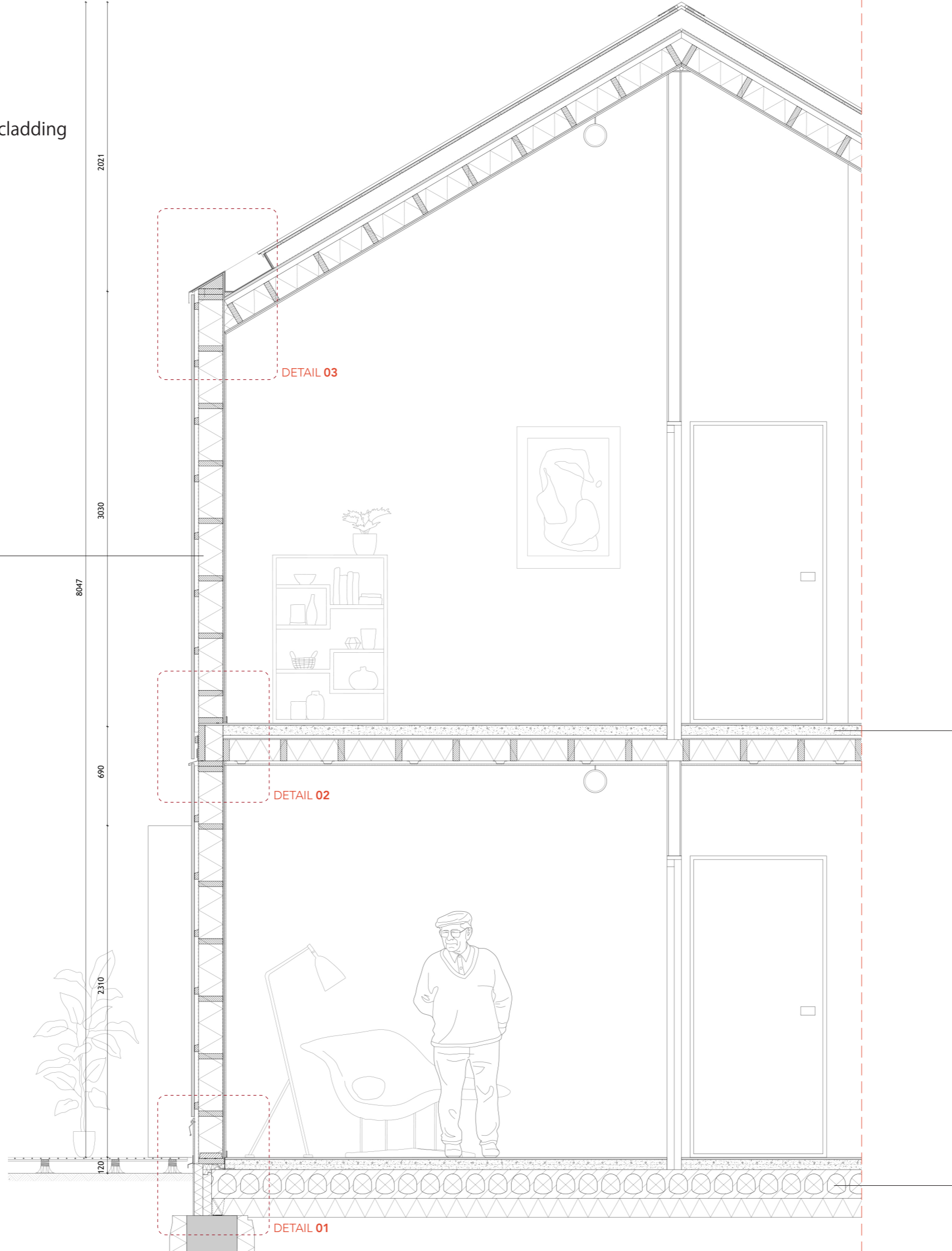
SECTION A-A
scale 1:200



SECTION B-B
scale 1:200

EXTERNAL WALL

20x150mm Scottish wood cladding
30x60mm batten
30mm ventilation gap
170mm thermal insulation
10mm compressed board
10mm plywood



FLOOR

15mm parquet
70mm screed (floor heating)
20mm impact sound-proof insulation
10mm plywood
150mm thermal insulation
20mm metal sprung support rail
10mm plaster board

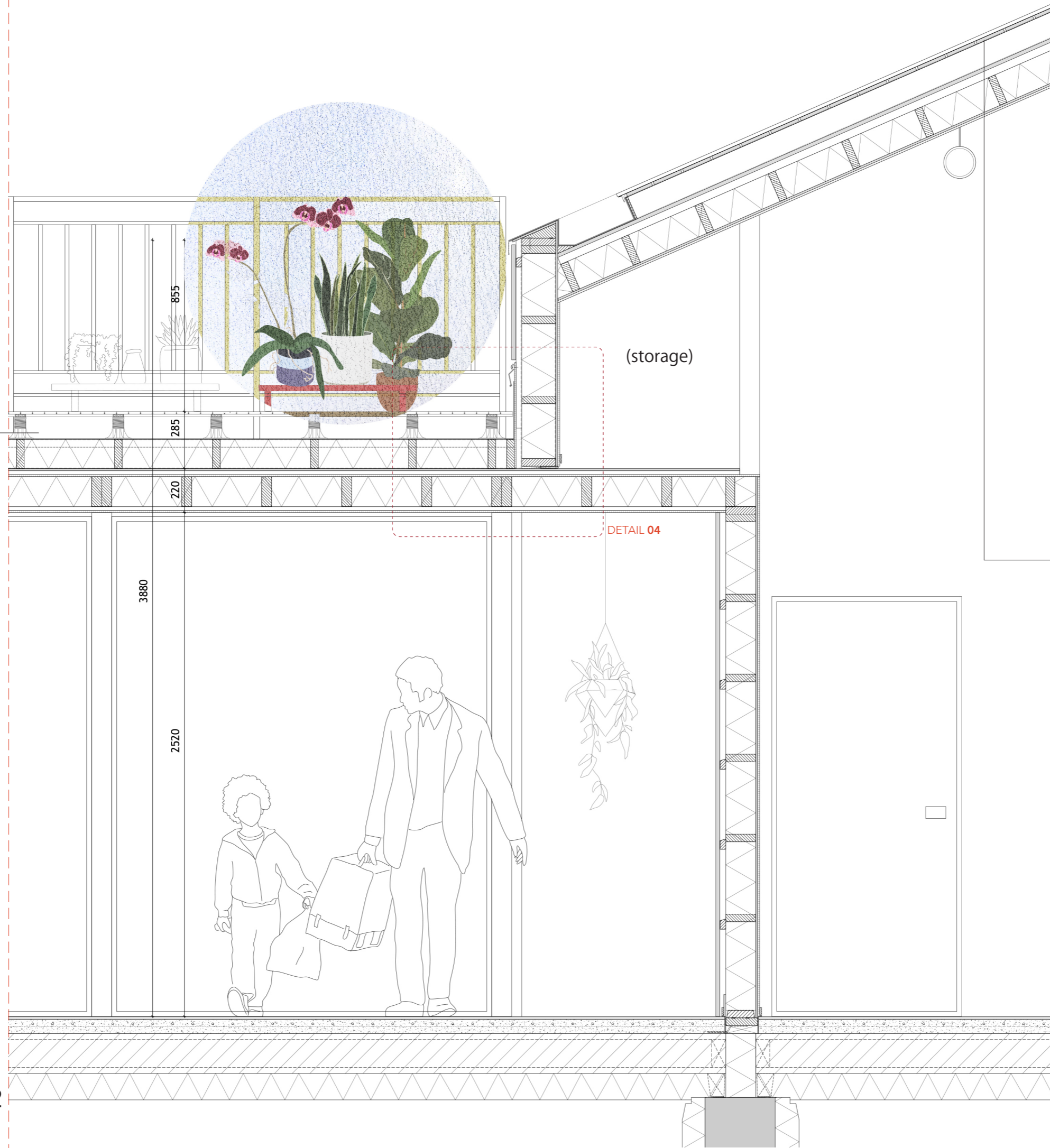
FOUNDATION

15mm parquet
70mm screed
200mm hollow-core slab floor
insulated concrete foundation beam

VERTICAL SECTION 1

scale 1:20

TERRACE
 wood decking
 adjustable pedestals
 roofing
 130mm thermal insulation
 vapour barrier
 compensation layer



(storage)

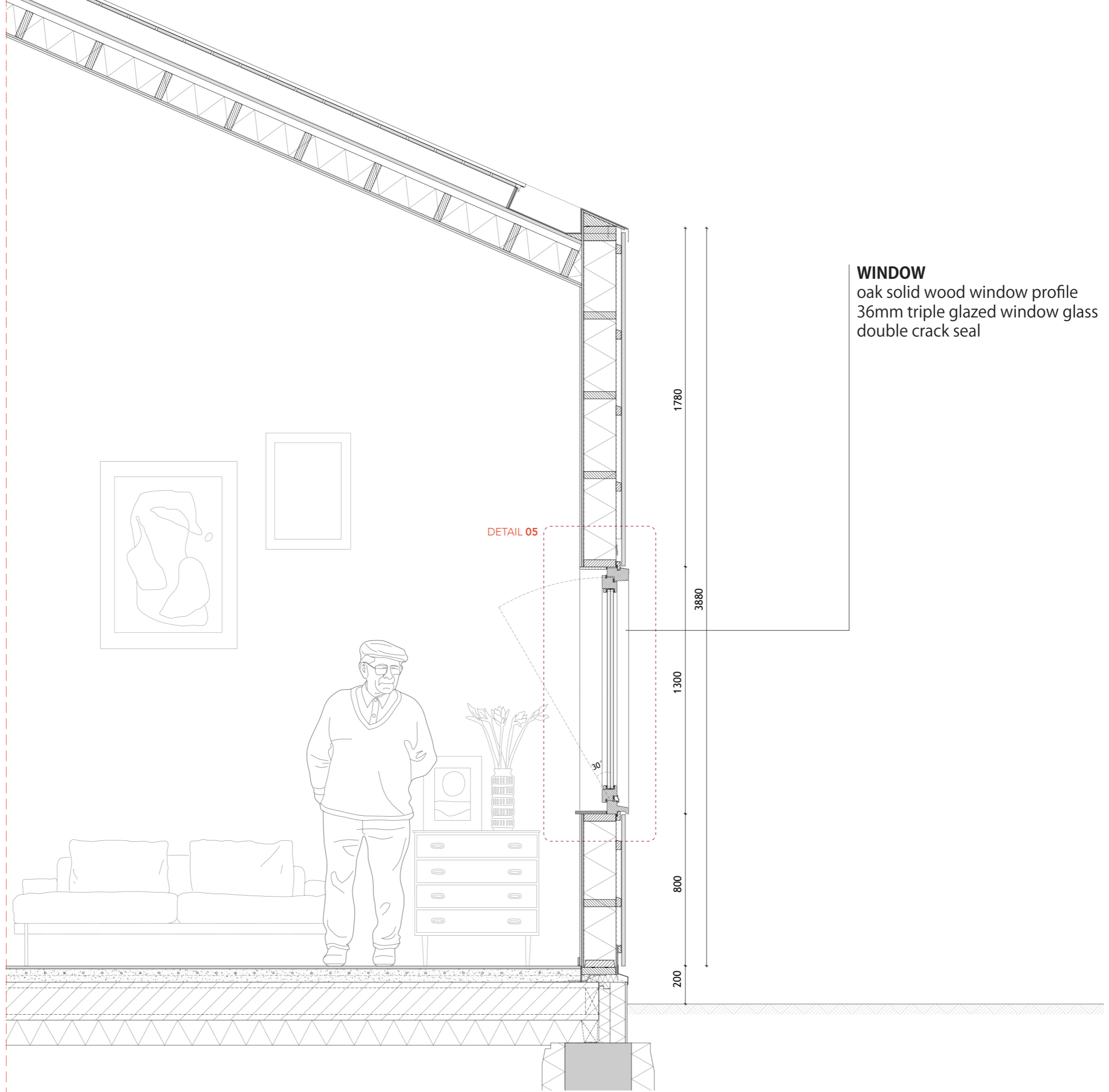
DETAIL 04

ROOF
 zink cladding
 plywood support deck
 120mm ventilated air space
 18mm chipboard
 38mm laminated timber truss
 150mm thermal insulation between ribs
 10mm compressed board
 10mm interior finish (birch plywood)

VERTICAL SECTION 2
 scale 1:20



ROOF & TERRACE



WINDOW
oak solid wood window profile
36mm triple glazed window glass
double crack seal

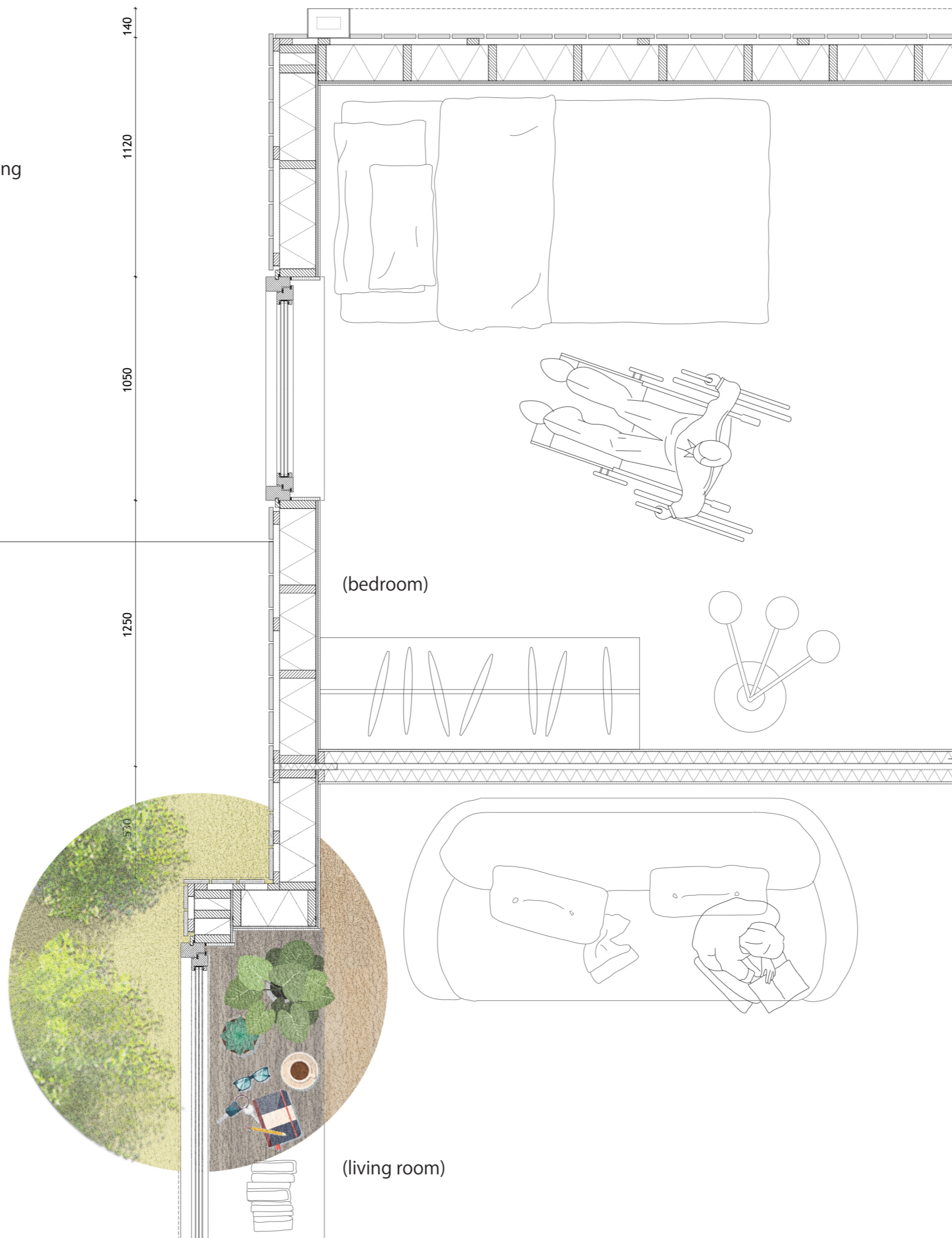
VERTICAL SECTION 3
scale 1:20

FACADE

- 20x150mm Scottish wood cladding
- 30x60mm batten
- 30mm ventilation gap
- 170mm thermal insulation
- 10mm compressed board
- 10mm plywood

INTERNAL WALL

- 10mm plywood
- 56mm thermal insulation
- 30x56mm baten
- 30mm cavity
- 56mm thermal insulation
- 10mm plywood



(bedroom)

(living room)

HORIZONTAL SECTION

scale 1:20



FRAMED WINDOW

8.047 Top

6.030 Eaves height

3.000 1F

±0.000 GL

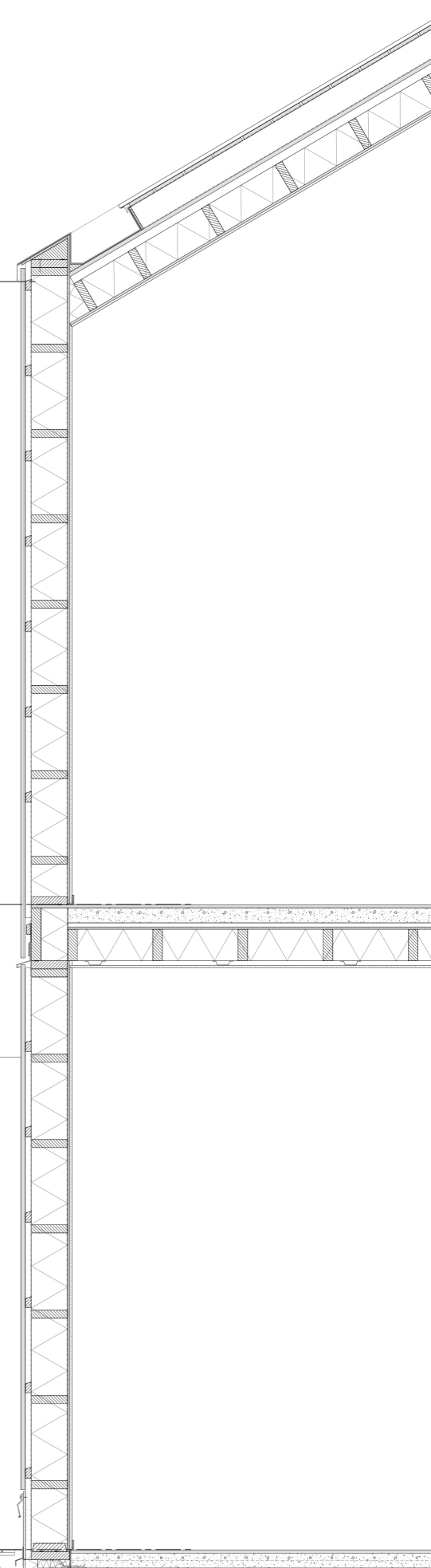
ROOF
zink cladding

GUTTER & PIPE
zink

WALL
(light-colored) Scottish wood cladding

WINDOW
(dark-colored) oak solid wooden profile

FRAMED-WINDOW
(dark-colored) Scottish wood cladding
wooden profile
wooden door

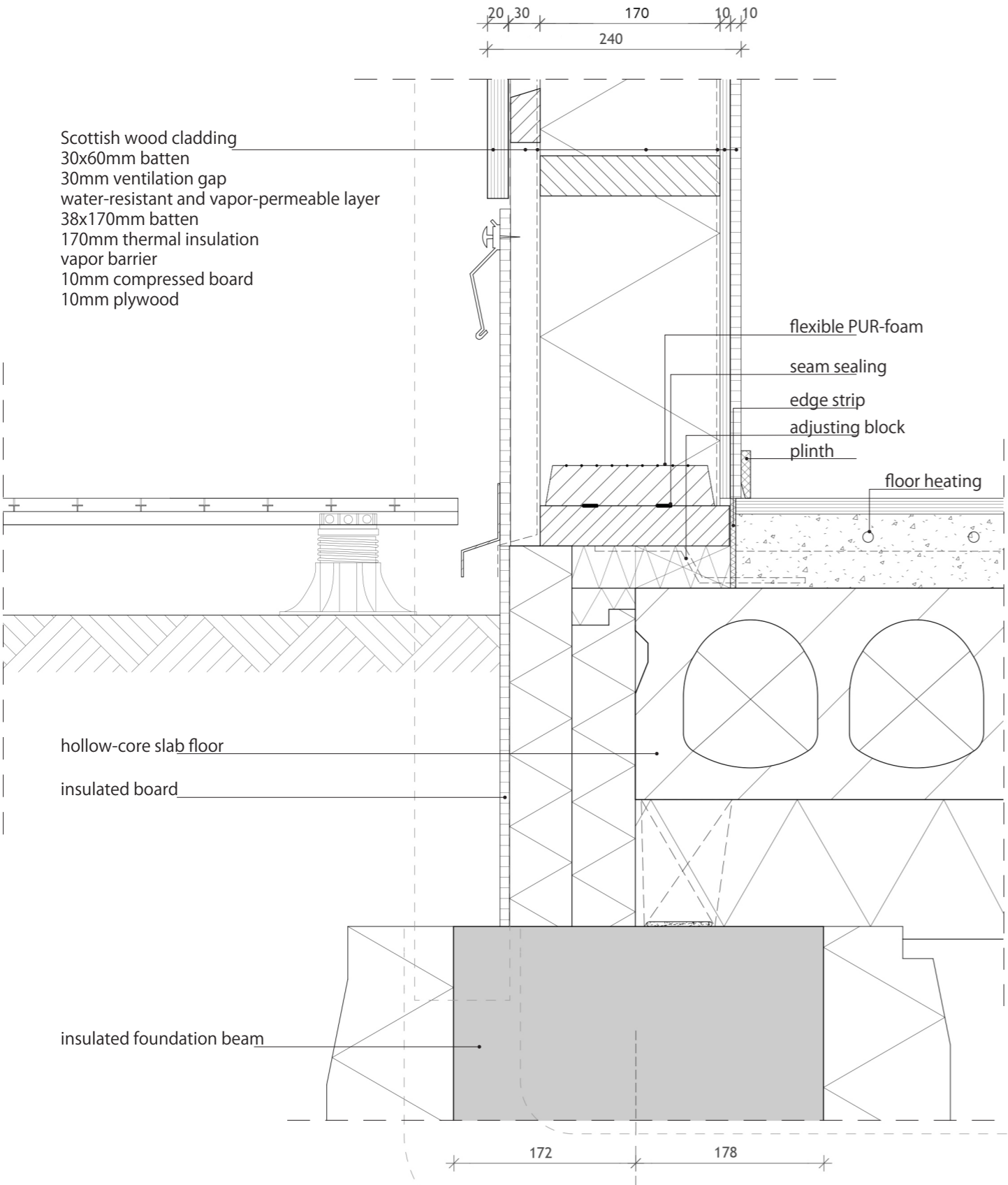


FACADE DETAIL

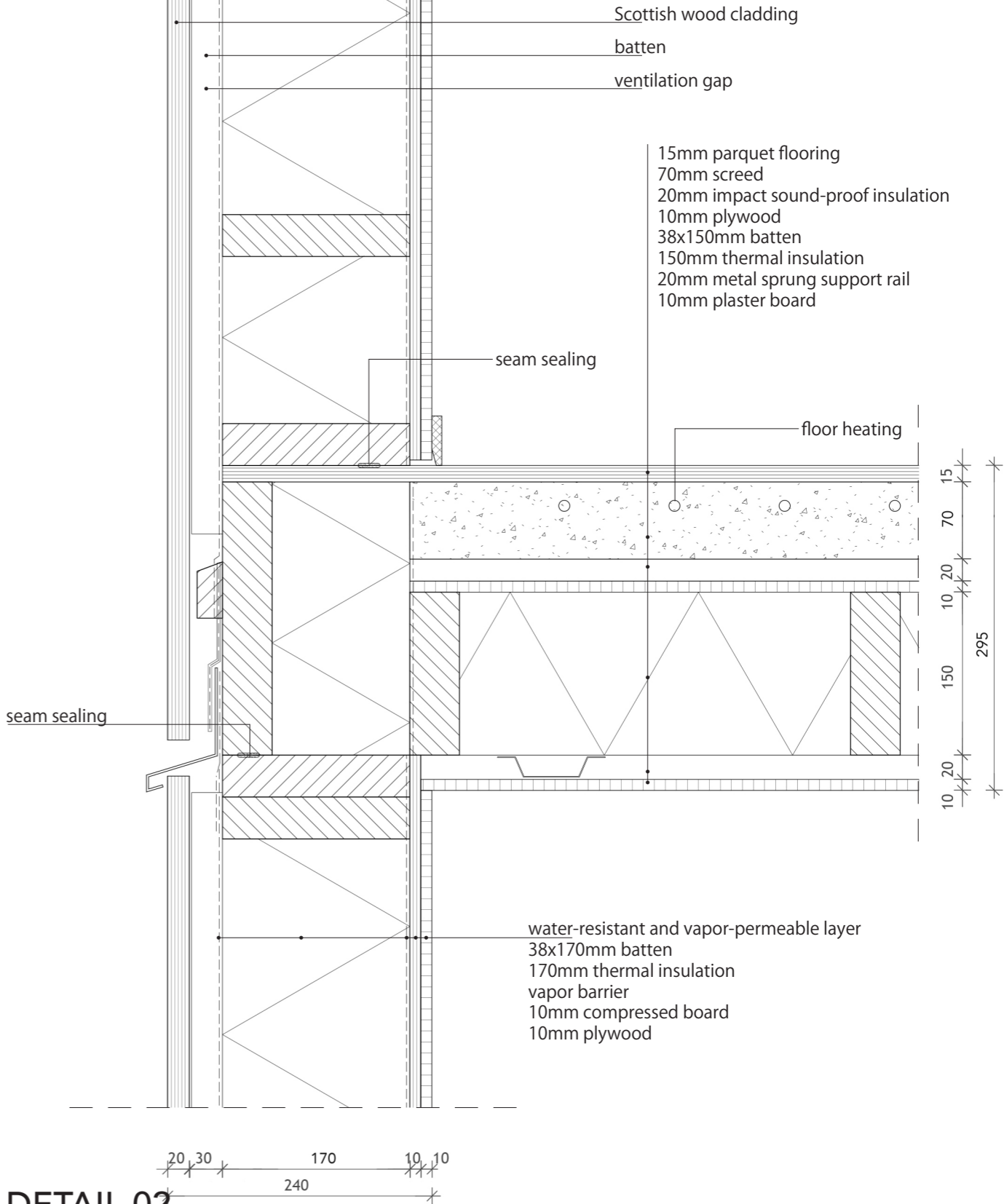
TYPE D

scale 1:20

BT Details



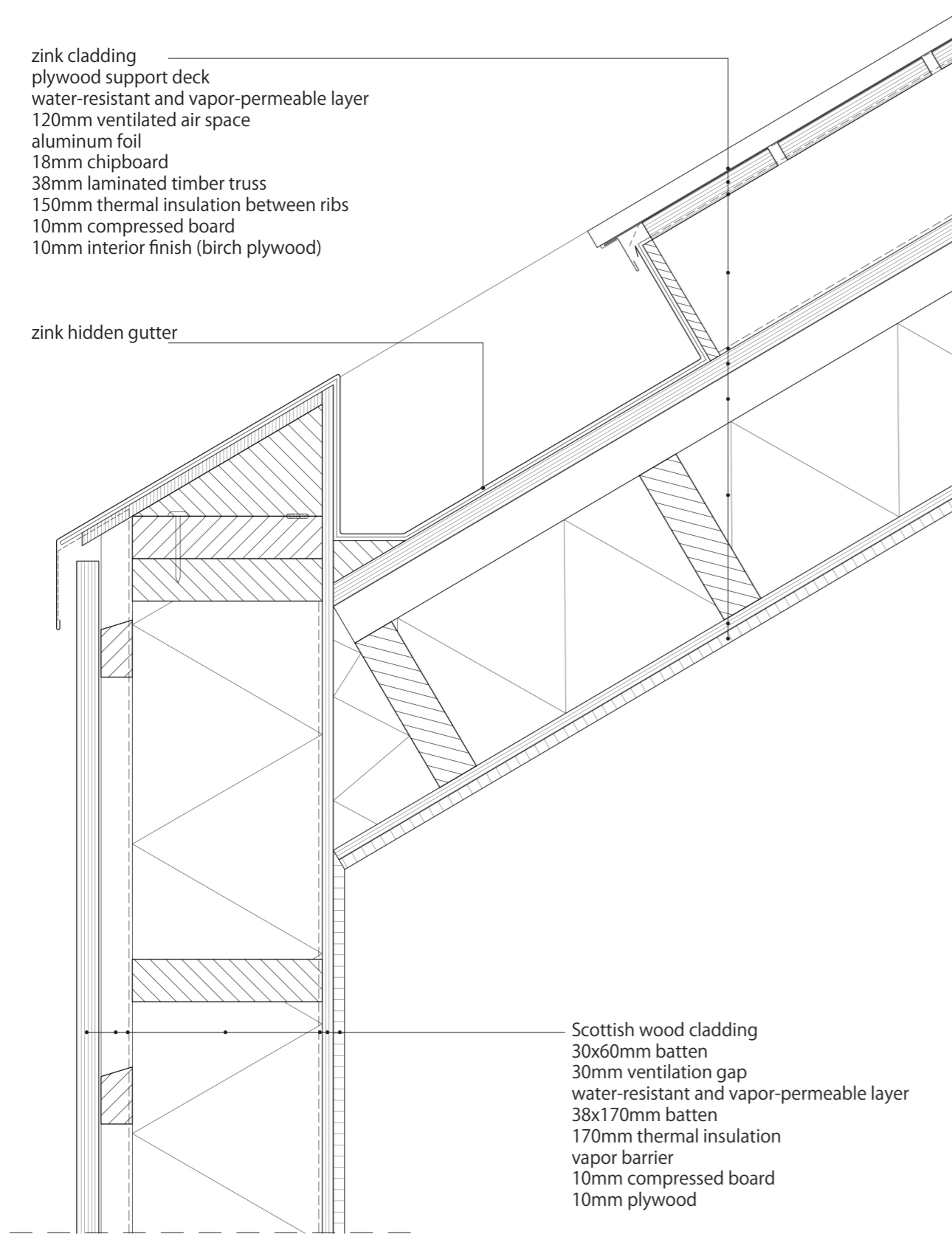
DETAIL 01
scale 1:5



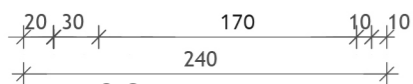
DETAIL 02
scale 1:5

- zink cladding
- plywood support deck
- water-resistant and vapor-permeable layer
- 120mm ventilated air space
- aluminum foil
- 18mm chipboard
- 38mm laminated timber truss
- 150mm thermal insulation between ribs
- 10mm compressed board
- 10mm interior finish (birch plywood)

zink hidden gutter



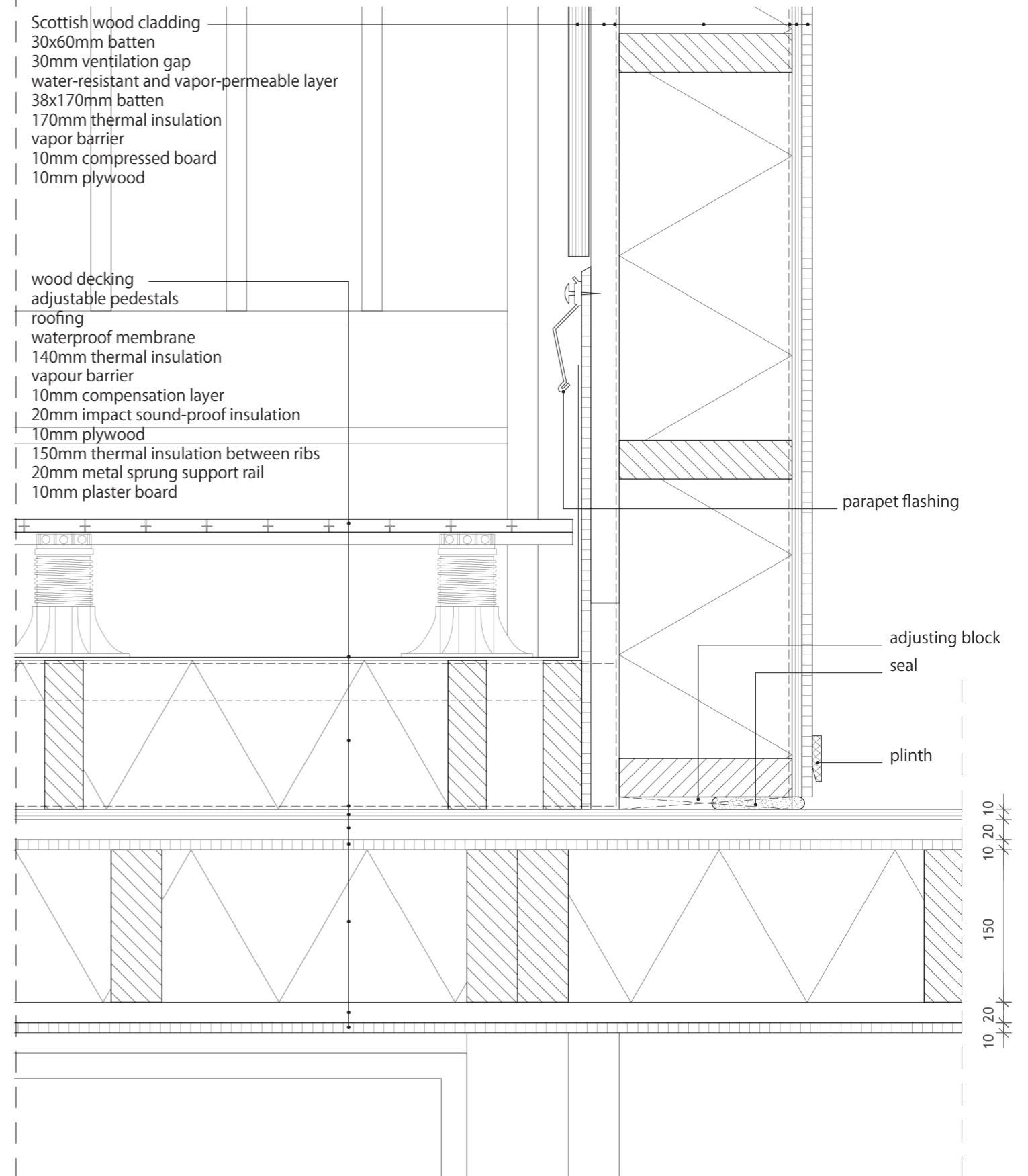
- Scottish wood cladding
- 30x60mm batten
- 30mm ventilation gap
- water-resistant and vapor-permeable layer
- 38x170mm batten
- 170mm thermal insulation
- vapor barrier
- 10mm compressed board
- 10mm plywood



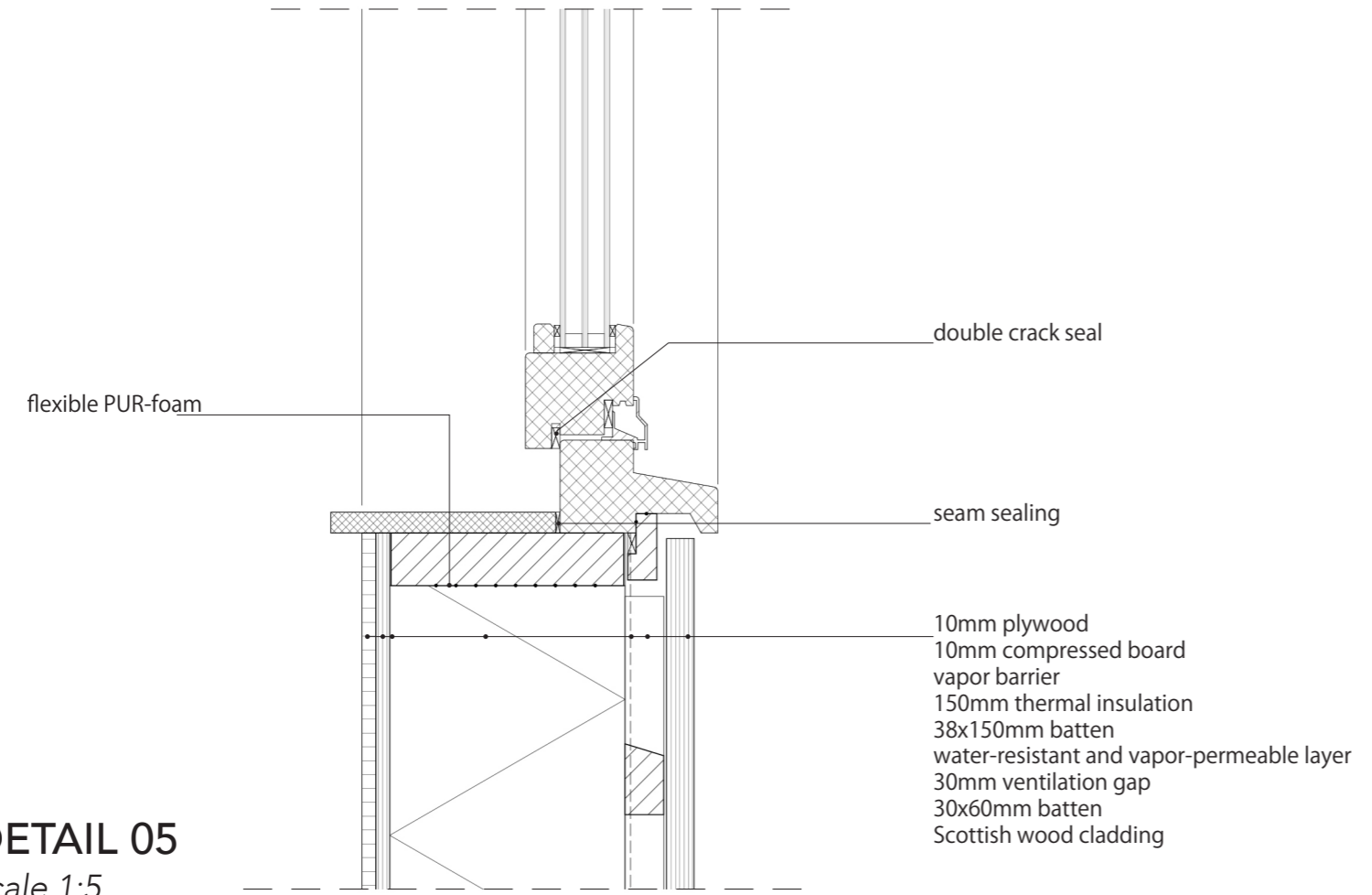
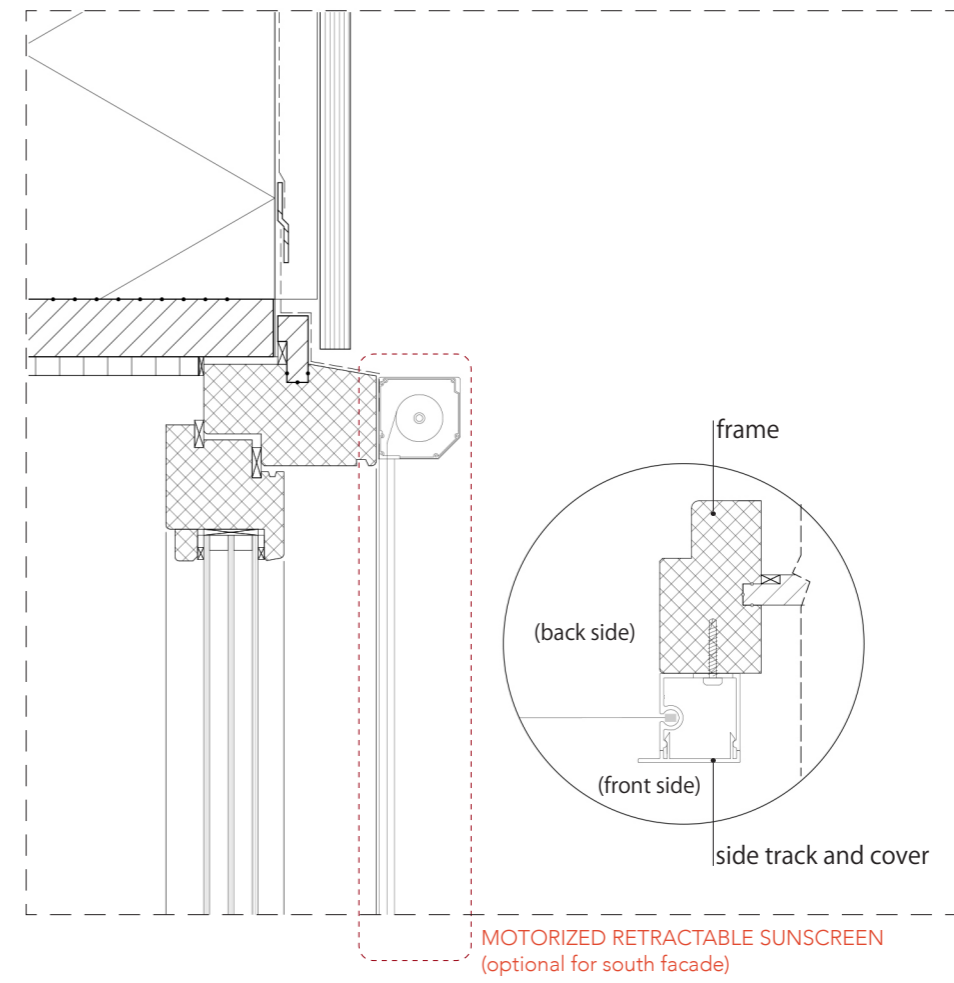
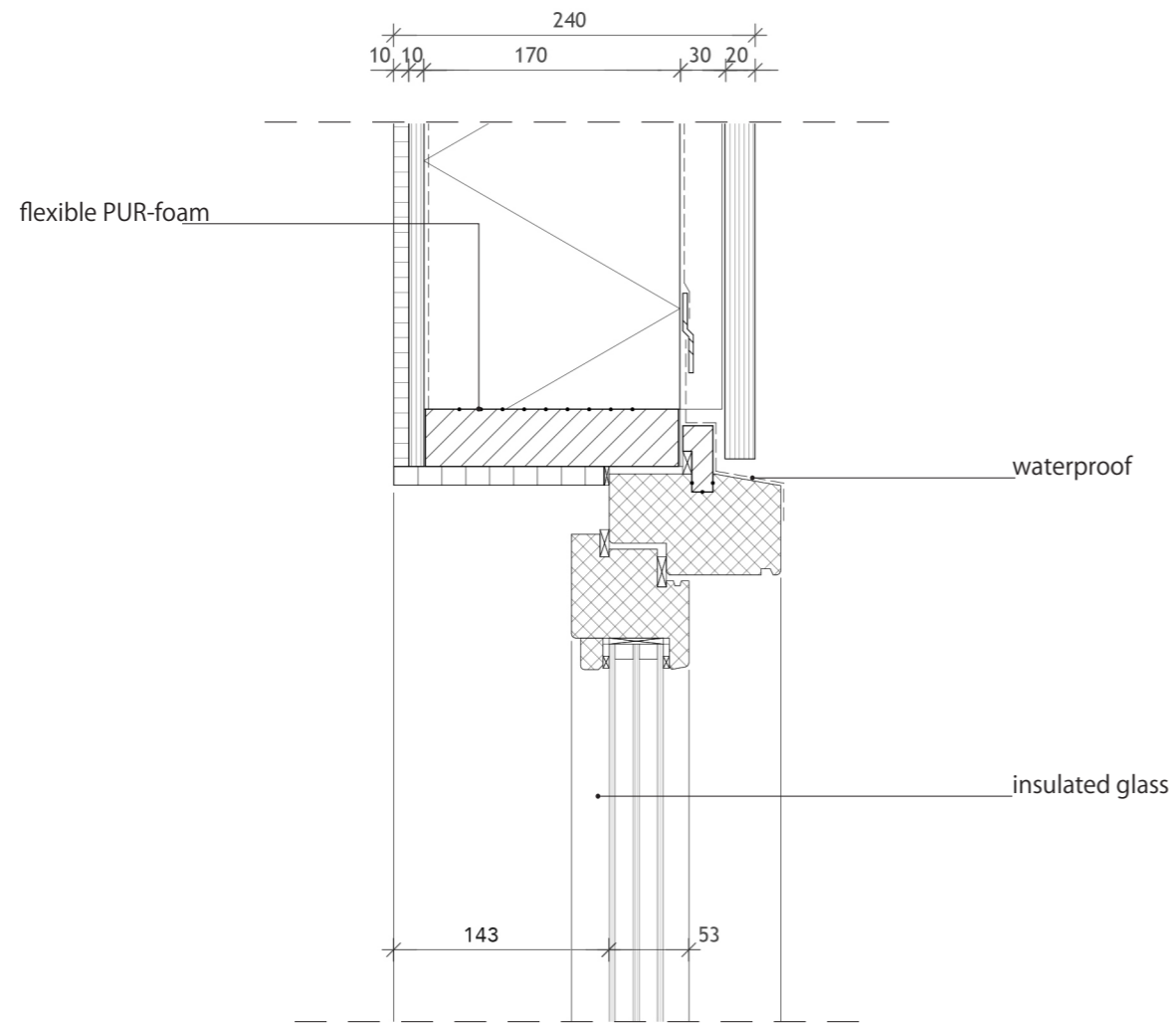
DETAIL 03
scale 1:5

- Scottish wood cladding
- 30x60mm batten
- 30mm ventilation gap
- water-resistant and vapor-permeable layer
- 38x170mm batten
- 170mm thermal insulation
- vapor barrier
- 10mm compressed board
- 10mm plywood

- wood decking
- adjustable pedestals
- roofing
- waterproof membrane
- 140mm thermal insulation
- vapour barrier
- 10mm compensation layer
- 20mm impact sound-proof insulation
- 10mm plywood
- 150mm thermal insulation between ribs
- 20mm metal sprung support rail
- 10mm plaster board

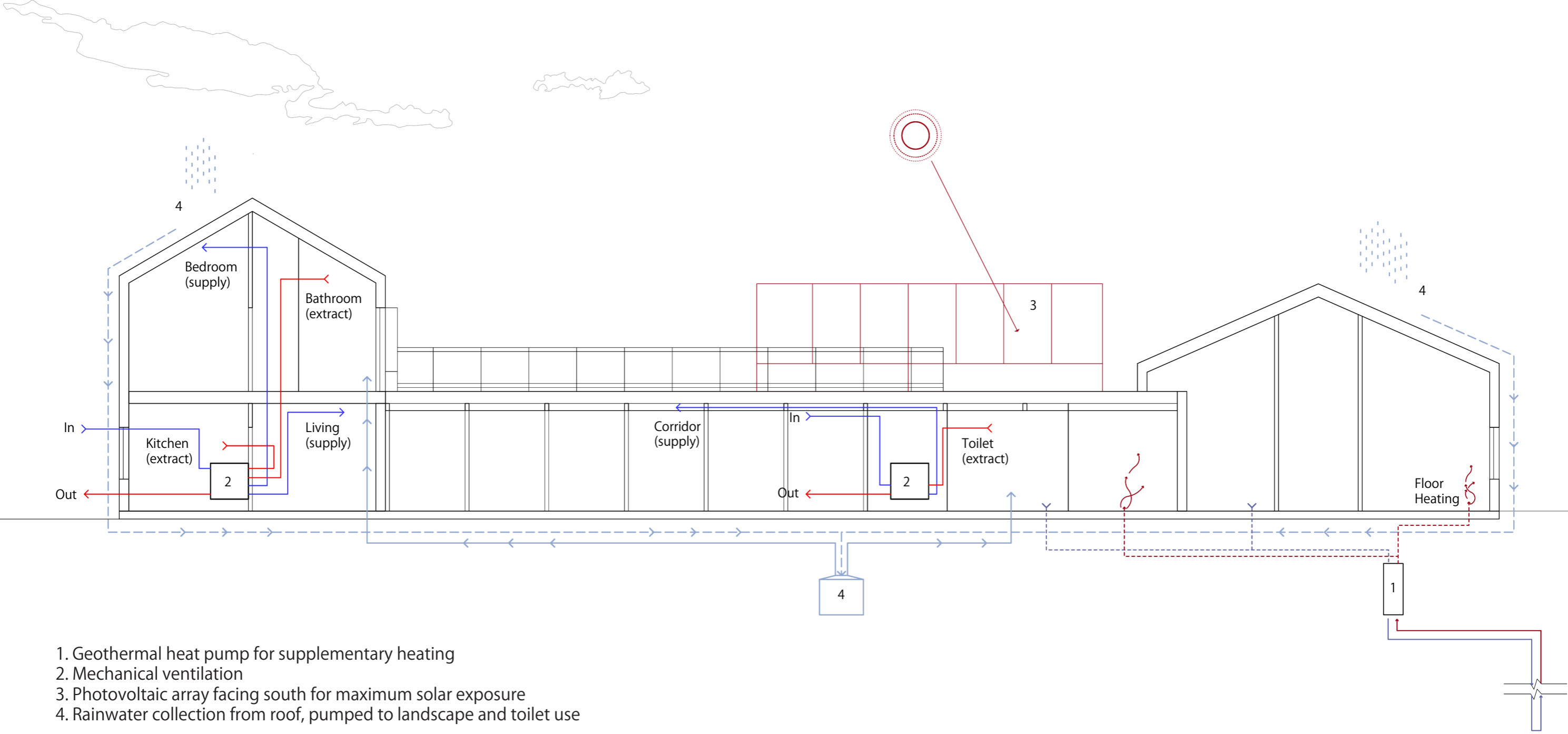


DETAIL 04
scale 1:5



DETAIL 05
scale 1:5

Sustainability



1. Geothermal heat pump for supplementary heating
2. Mechanical ventilation
3. Photovoltaic array facing south for maximum solar exposure
4. Rainwater collection from roof, pumped to landscape and toilet use

CLIMATE CONTROL DIAGRAM

scale 1:100




→ air supply - - - - water collection - - - - floor heating
← air extract → water supply

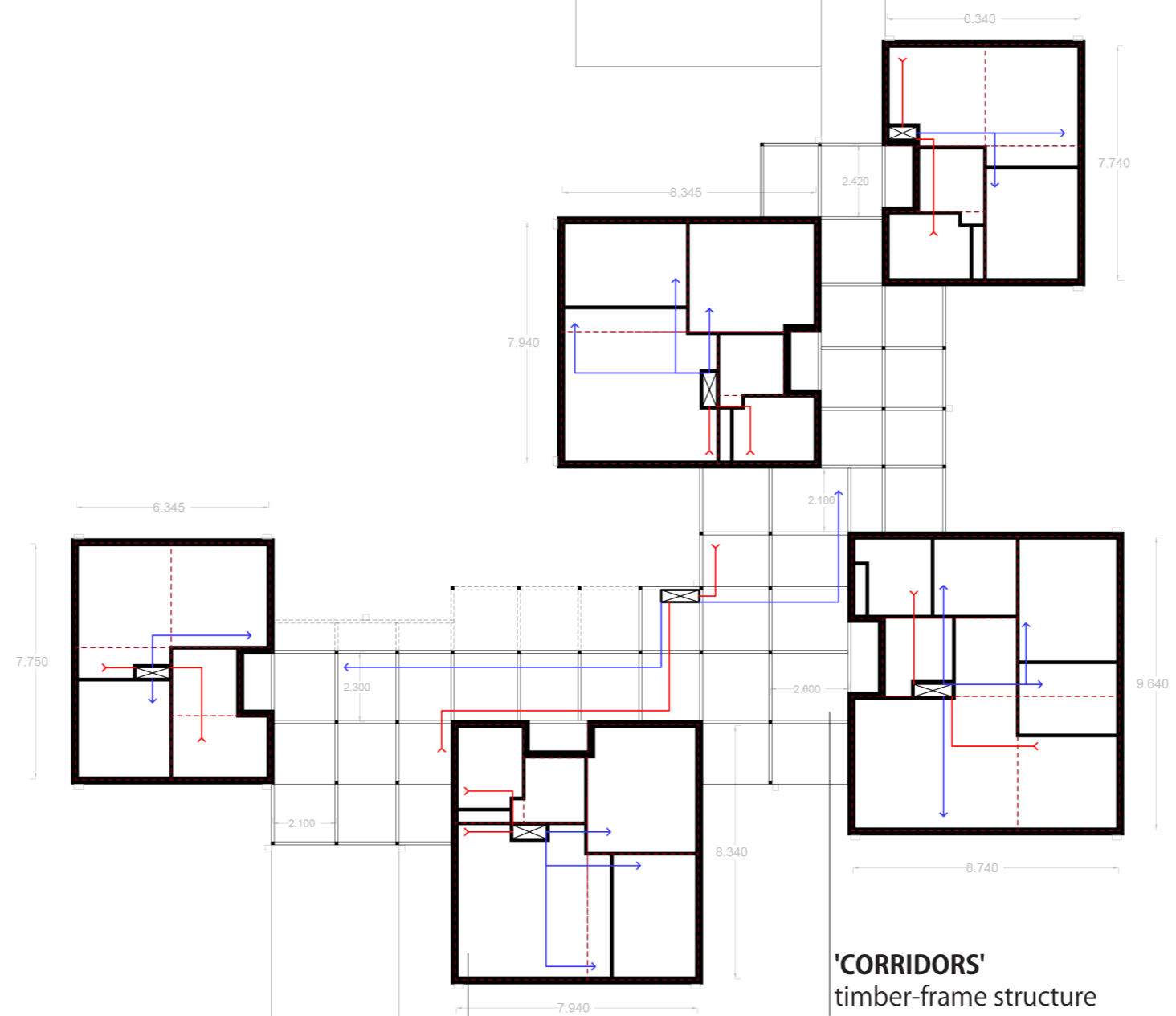
LOAD-BEARING STRUCTURE & CLIMATE CONTROL

Cluster 3

scale 1:200



-  MV box
-  air supply
-  air extract



DWELLING UNIT
wooden load-bearing walls

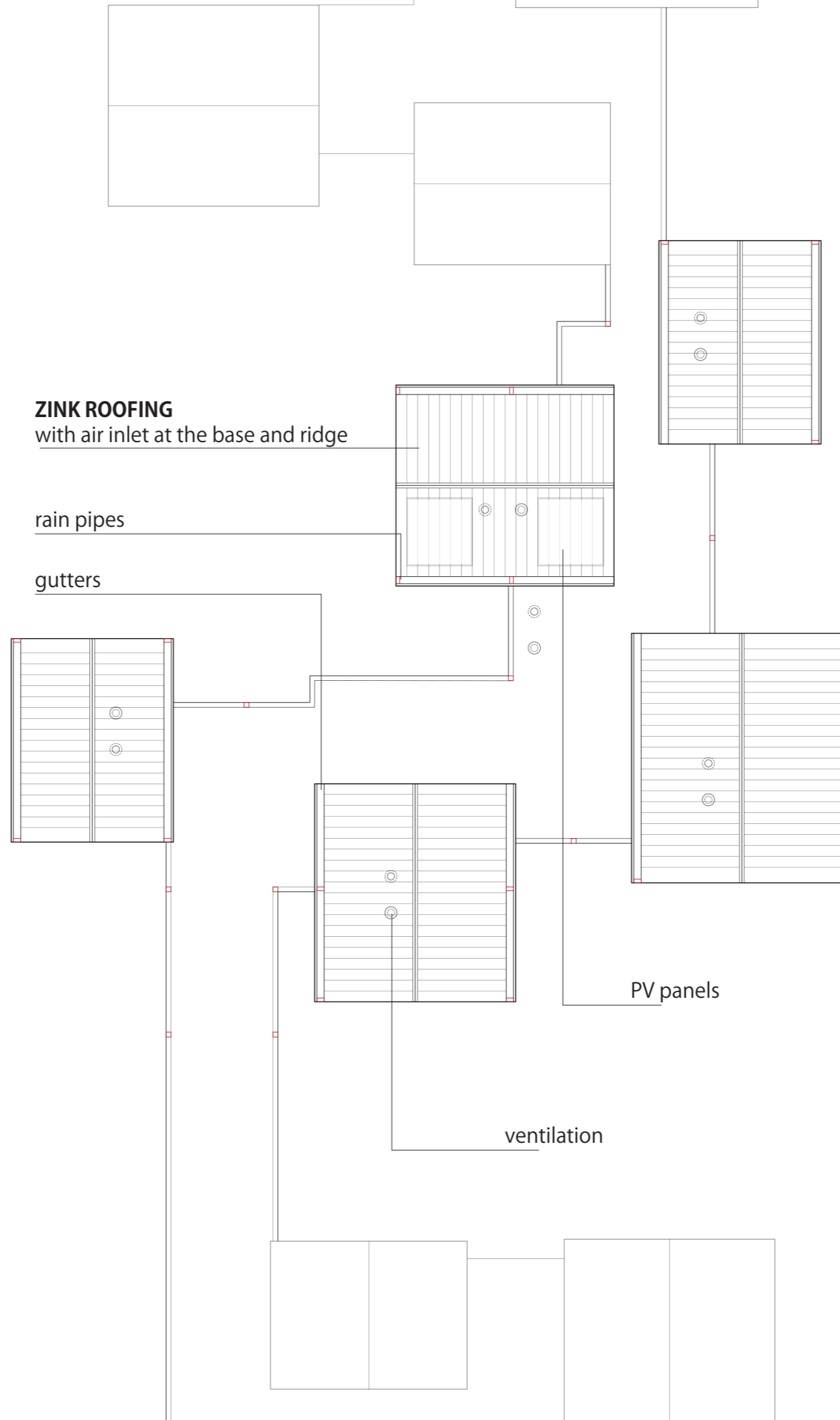
ROOF PLAN & CLIMATE CONTROL

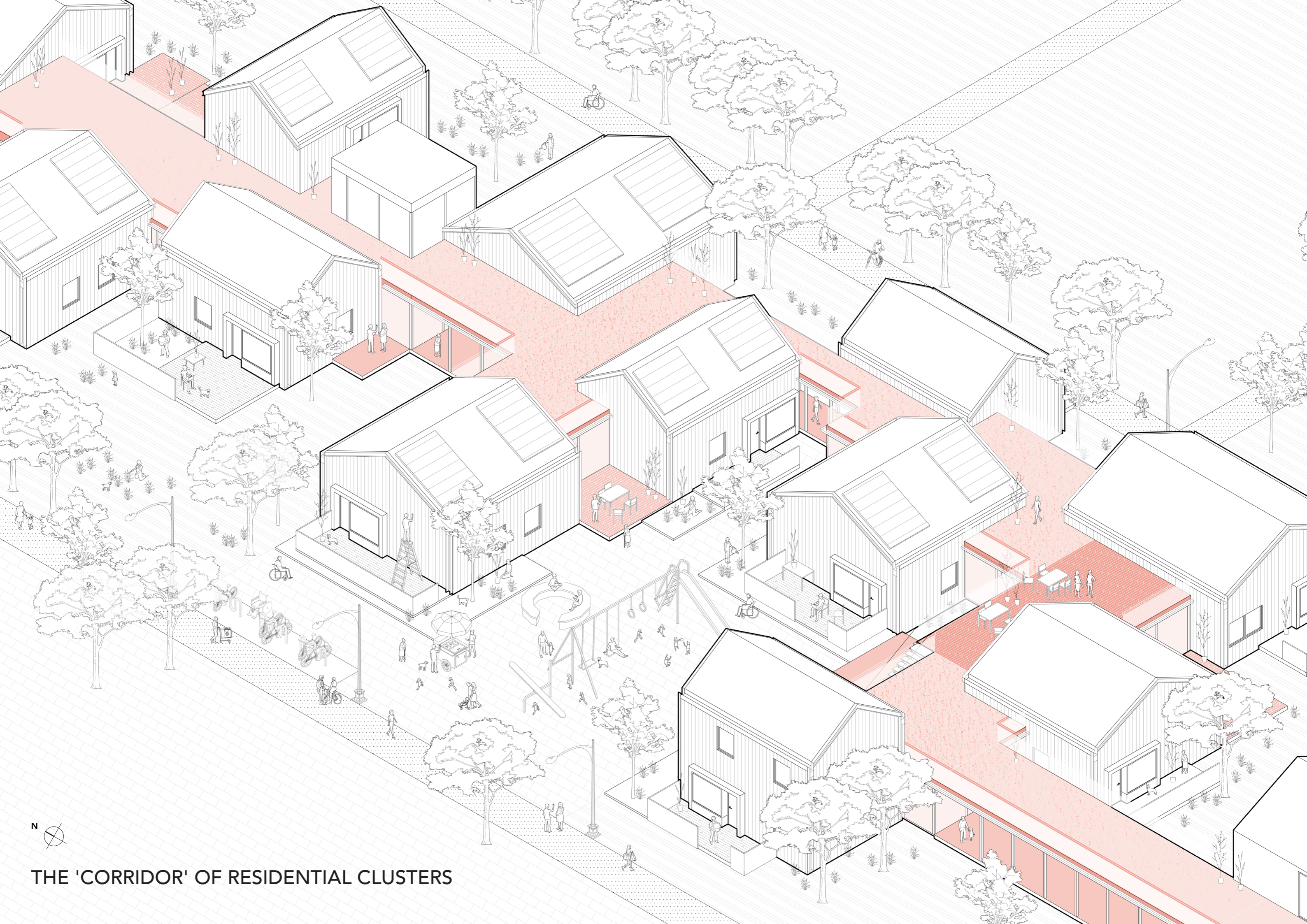
Cluster 3

scale 1:200



□ rain pipe
= gutter





THE 'CORRIDOR' OF RESIDENTIAL CLUSTERS

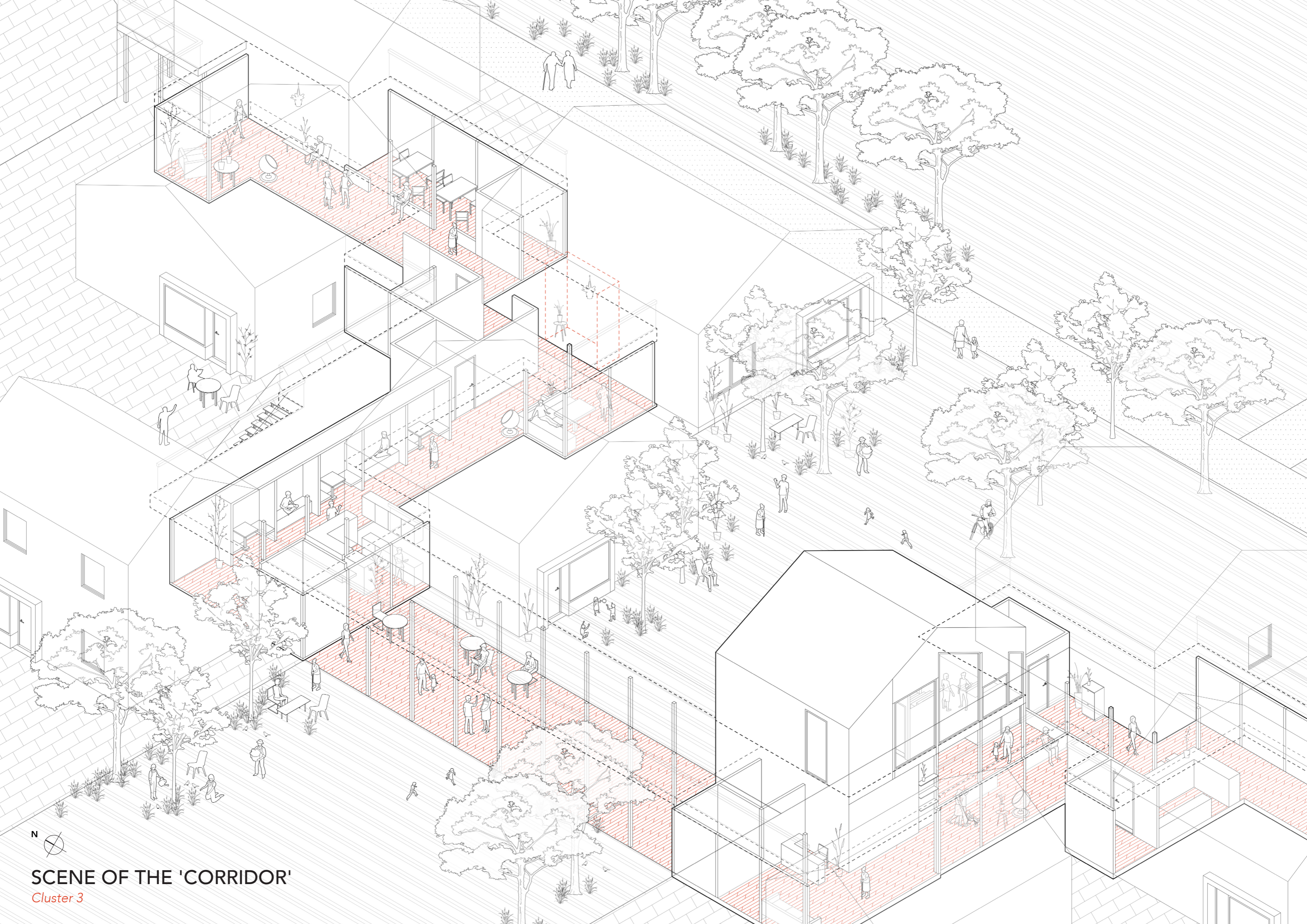
Perspectives



PLAYGROUND & PARK



COMMUNAL GARDEN



SCENE OF THE 'CORRIDOR'

Cluster 3

Perspectives



CENTRAL ENTRANCE HALL



CAFE CORNER



PLAY CORNER



PRIVATE DOOR & ENTRANCE



DWELLING INTERIOR



A place to *enjoy*.

A place to *be together*.

A place to love your life, *your neighbors*.