The Guesthouse in the Valley

a festive narrative for the countryside of Maastricht

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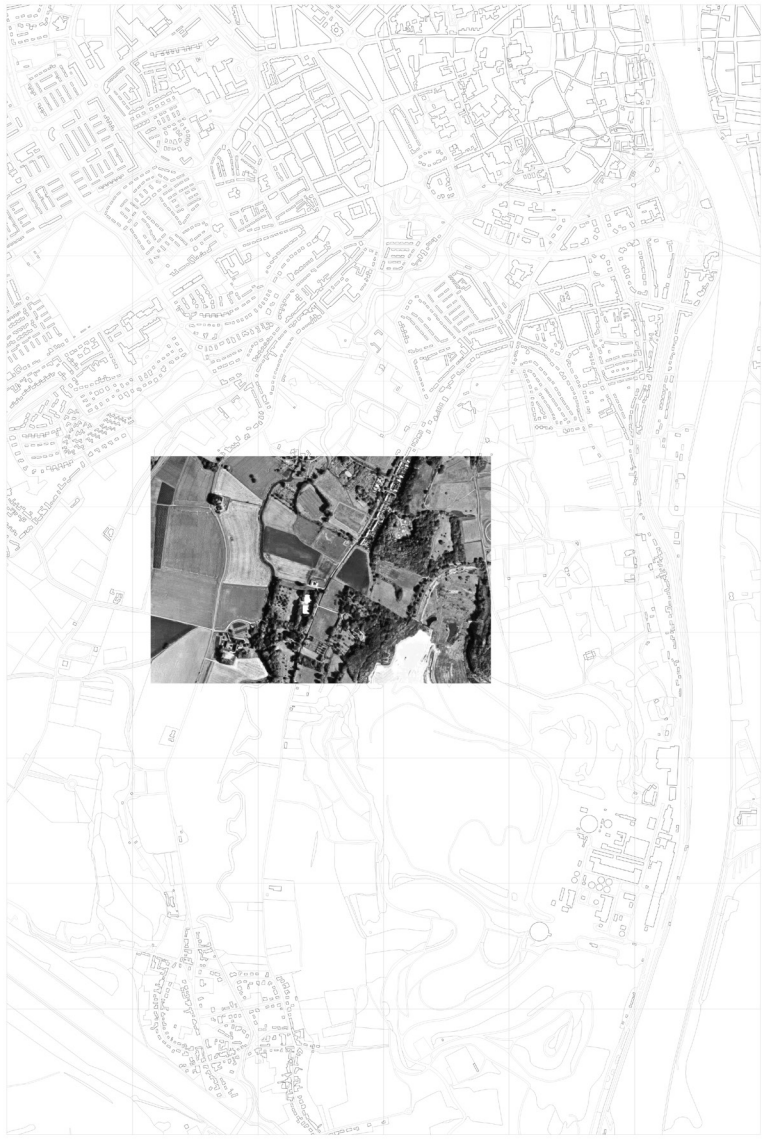
TU Delft | Interiors, Buildings, Cities | "After the Party" Graduation Studio
P5 | 28th June, 2018

Part I

Maastricht as a festive countryside

The countryside of Maastricht



The valley of river Jeker

Diorama: “the festive countryside”

Part II

Walking as a festive practice

Case I: The opening procession of the Heiligdomsvaart Festival

The procession in the countryside

The procession enters St. Servaasbron

The opening ceremony around St. Servaasbron

Case I: The opening procession of Heiligdomsvaart Festival

Case II: The example of Maastricht's pilgrim route

Pilgrimage in Maastricht's countryside

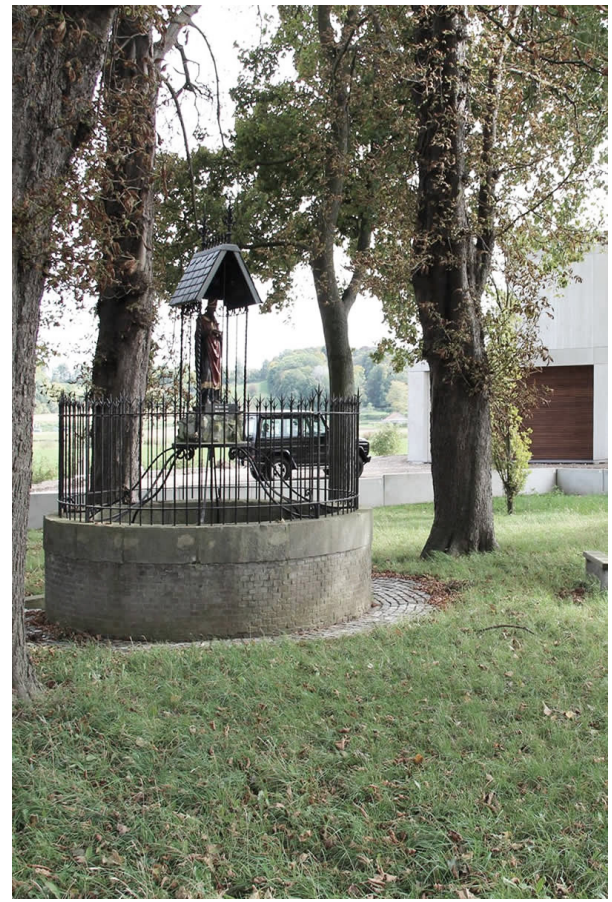
Case III: A tradition of walking in farm routes

Farm route in Limburg, painting by Nop Briex

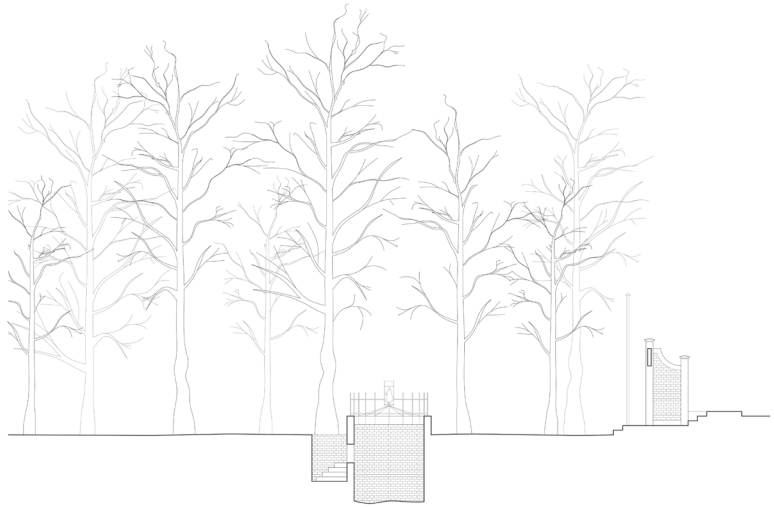
Apostelhoeve winery, painting by Nop Briex

Part III

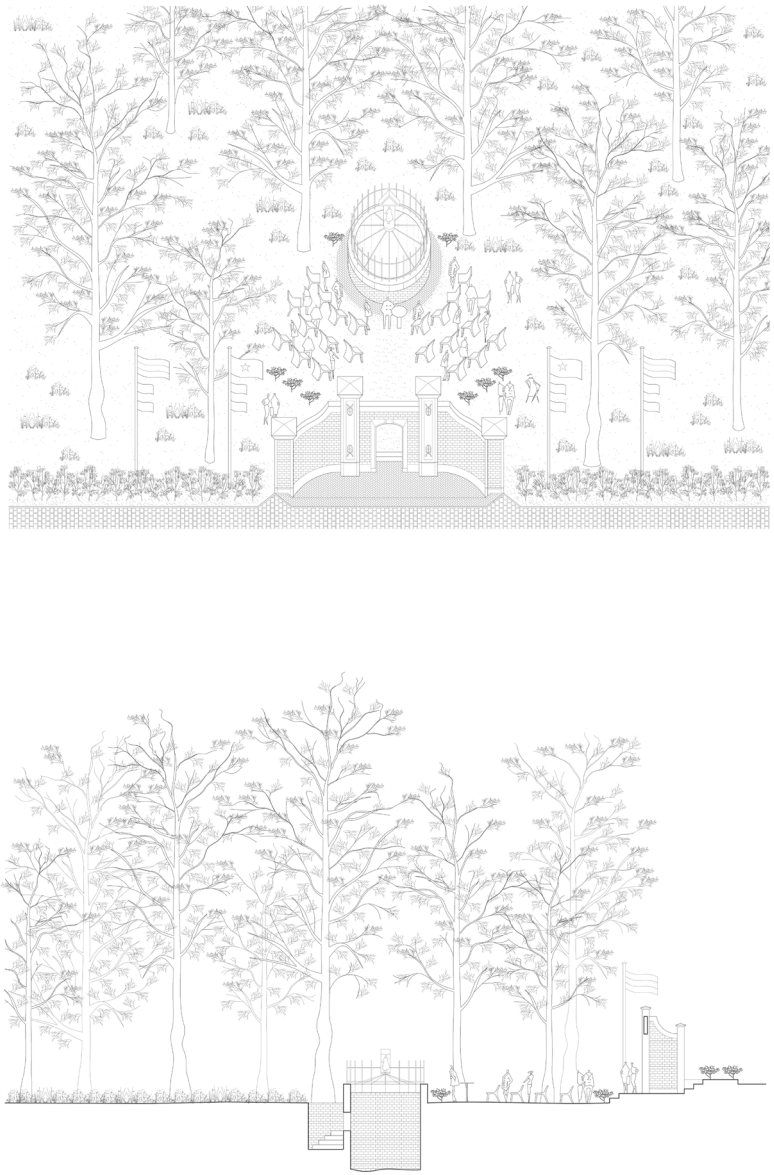
Festive architecture in the coutryside



St. Servaasbron



Winter at the St. Servaasbron
the gate, the well, the trees



Spring at the St. Servaasbron
an open interior

Precedent Study: the woodland chapel by G. Asplund

Part IV

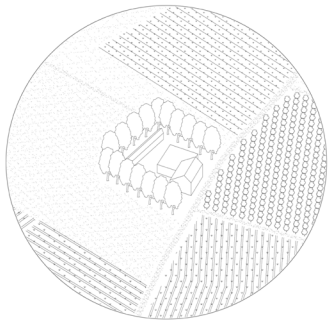
The context of Jeker valley

After the party: the guesthouse in the valley

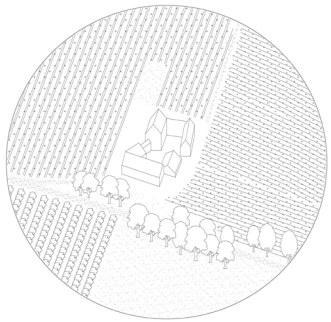
Jeker valley
siteplan

The large scale
Jeker valley as a cultural meaningful

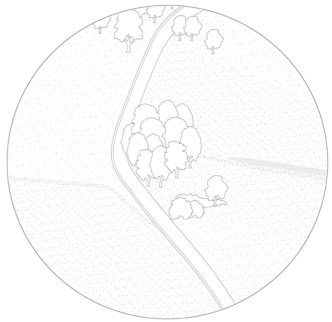
Family of buildings - Jeker valley



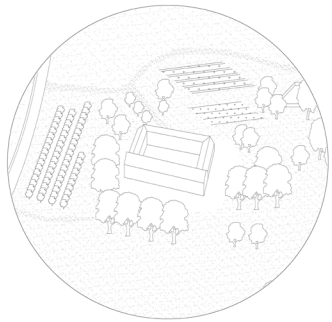
Local farmhouse



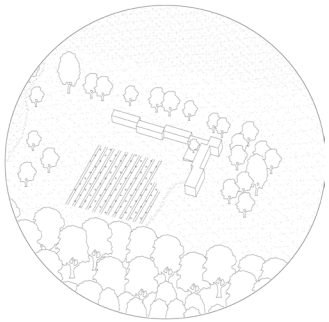
Apostelhoeve



St. Servaasbron



Hoeve Nekum



The guesthouse

Family of buildings - Jeker valley

farm doors

stone apron/lintel/ornaments

stone stairs

concrete foundations

rammed earth wall

grass paving blocks

stone paving blocks

farm route #1

farm route #2

farm route #3

farm barrel

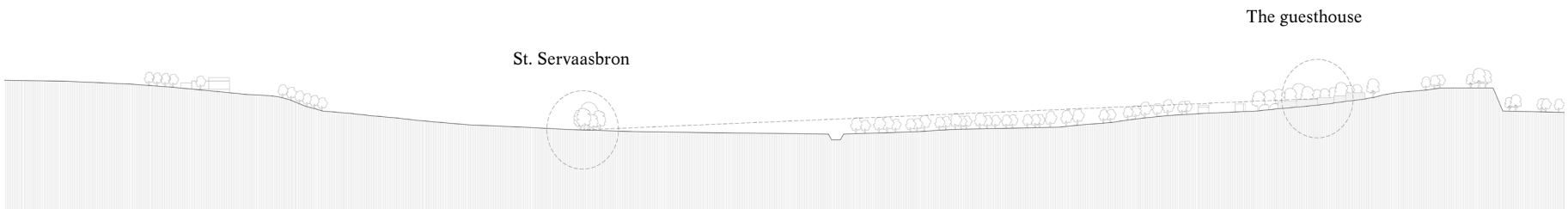
farm pickets

stone bench

stone monolith

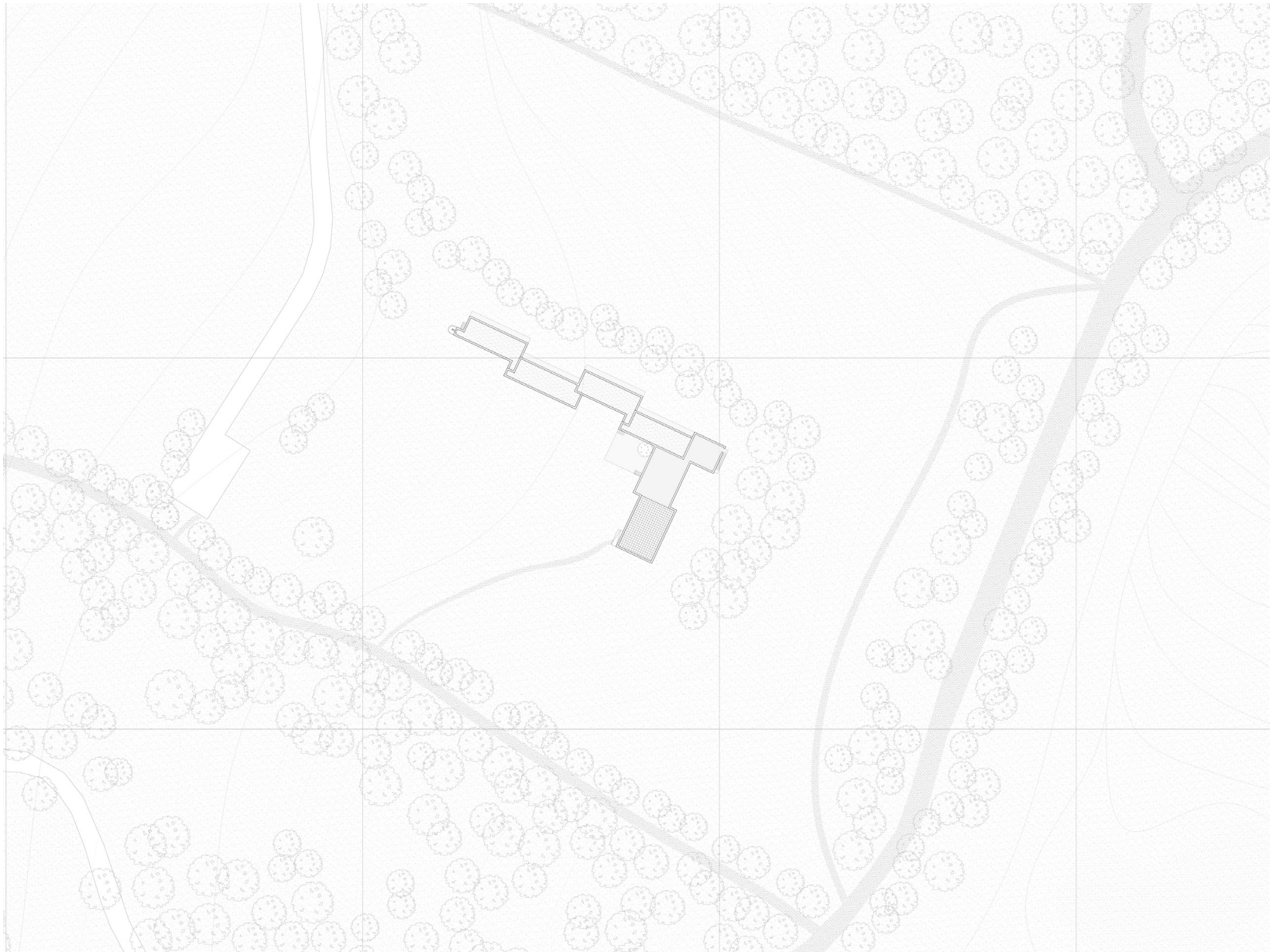
corn fields

The guesthouse
the building in the context of the valley

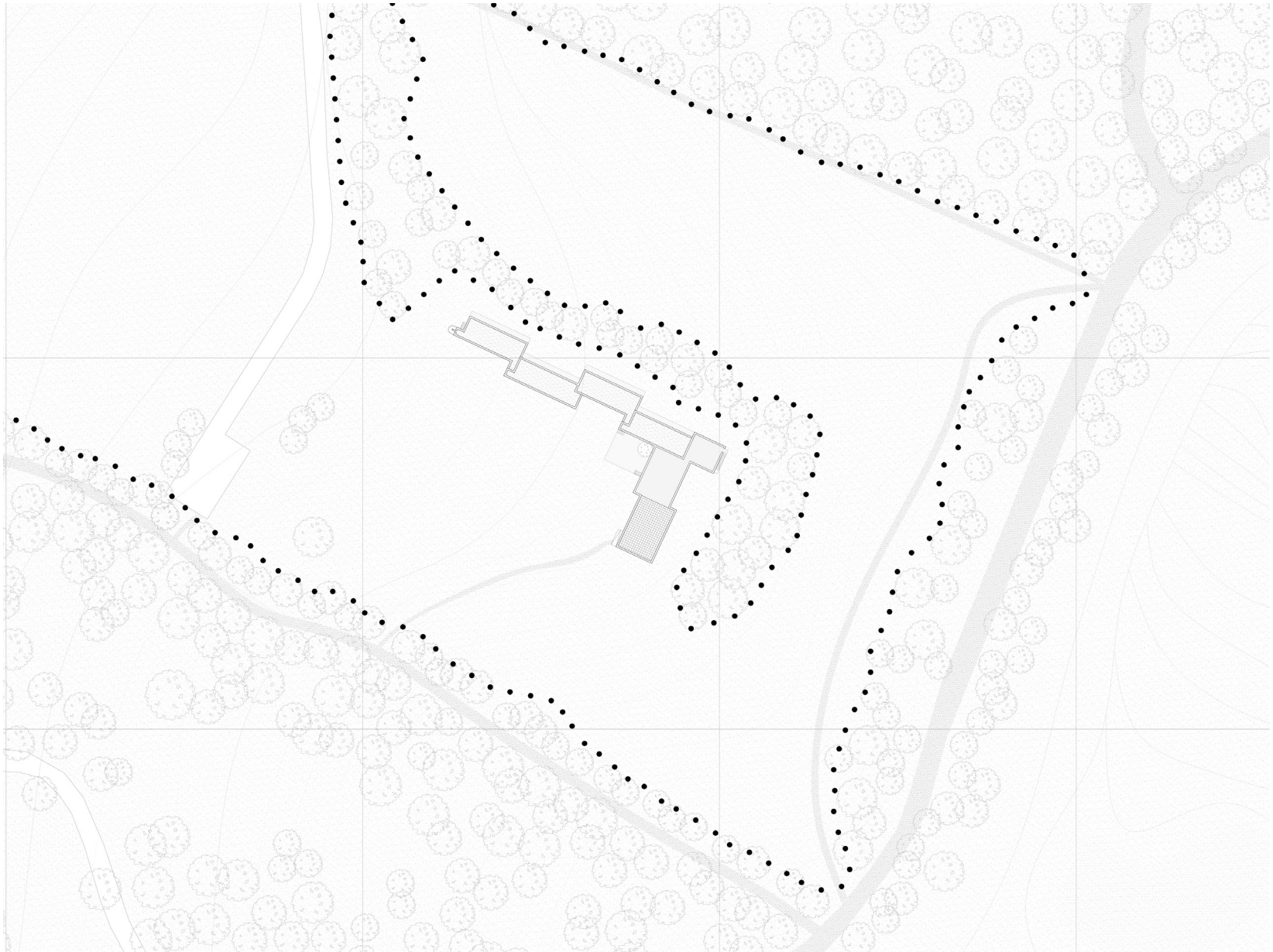


The site in section

St. Servaasbron - Guesthouse
visual connection



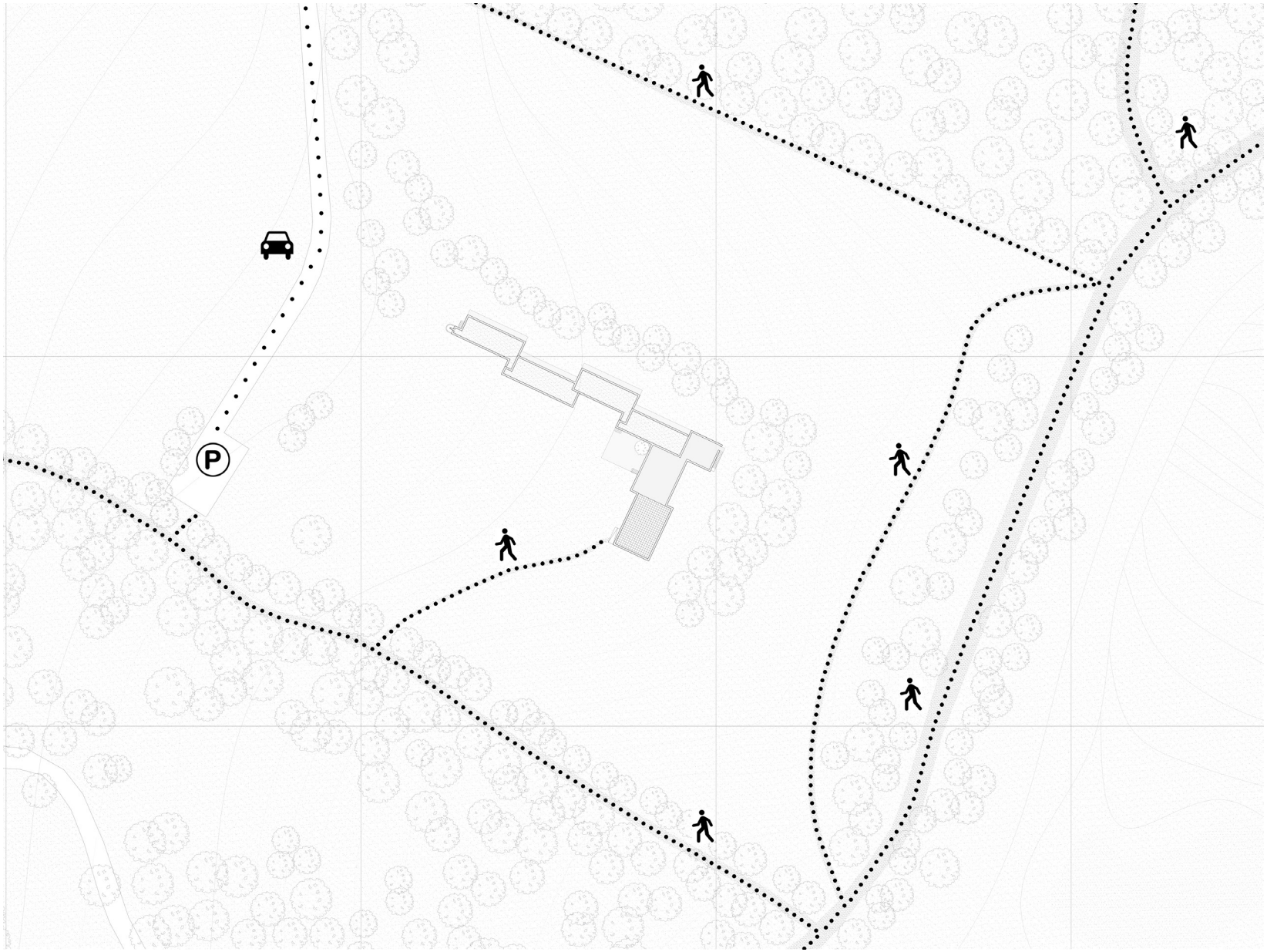
The site



The site
Enclosed by the trees - an open interior

The site

Clear view towards the valley - St. Servaasbron

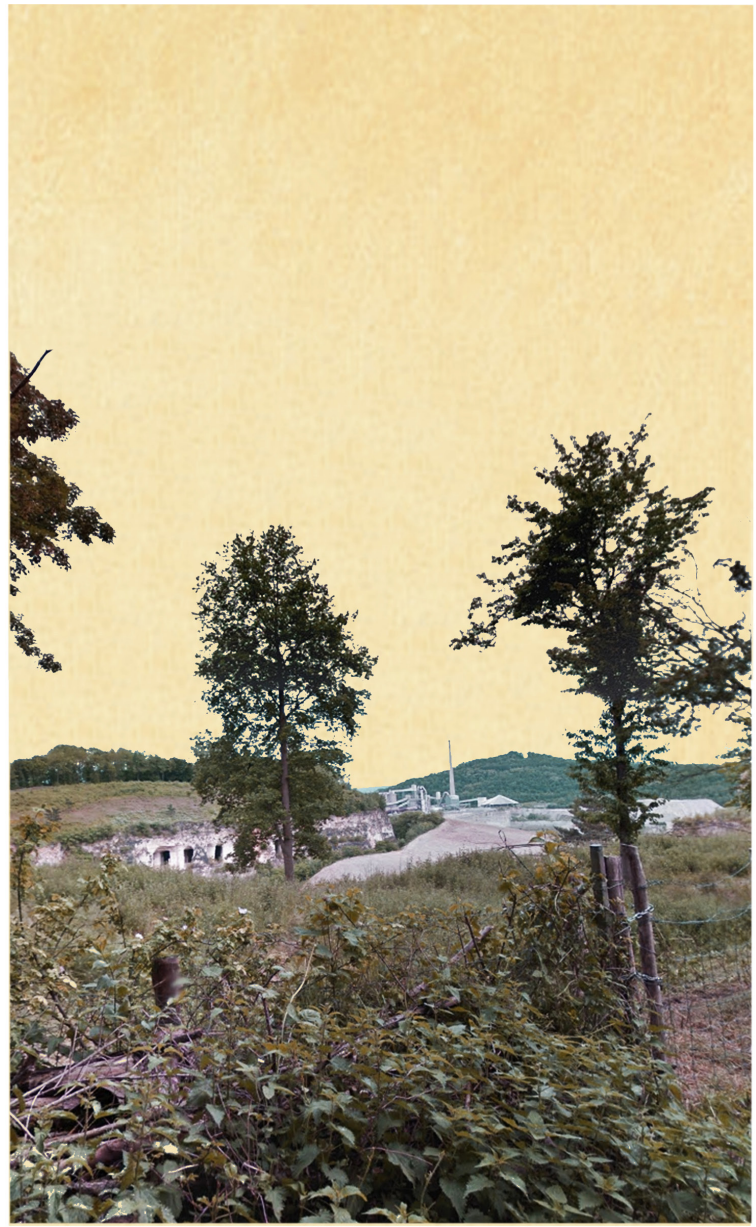


The site
Farm routes network - car accessibility

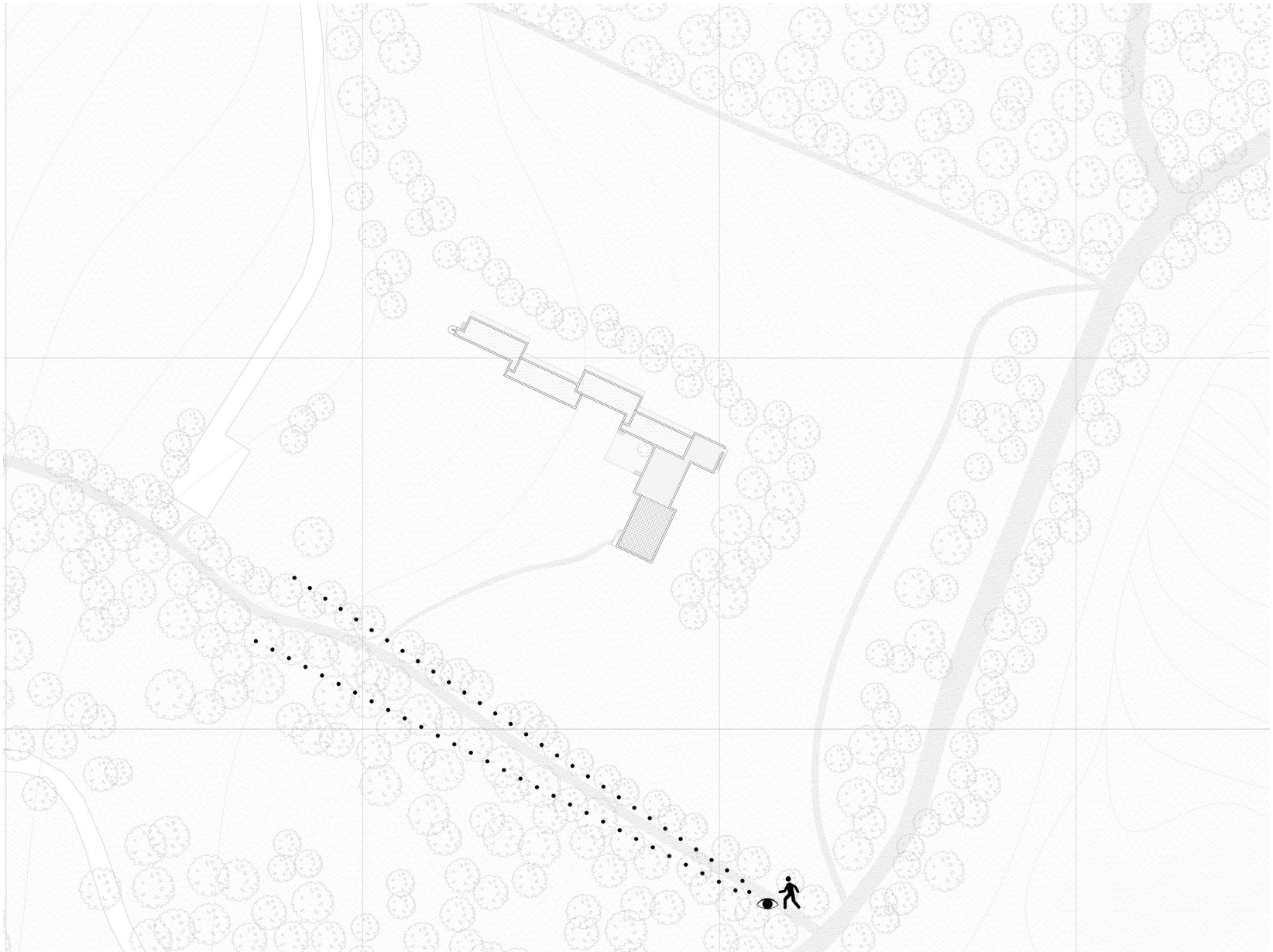
Approaching the site
main pilgrim route

Approaching the site
main pilgrim route

Approaching the site
Sint-Pietersberg

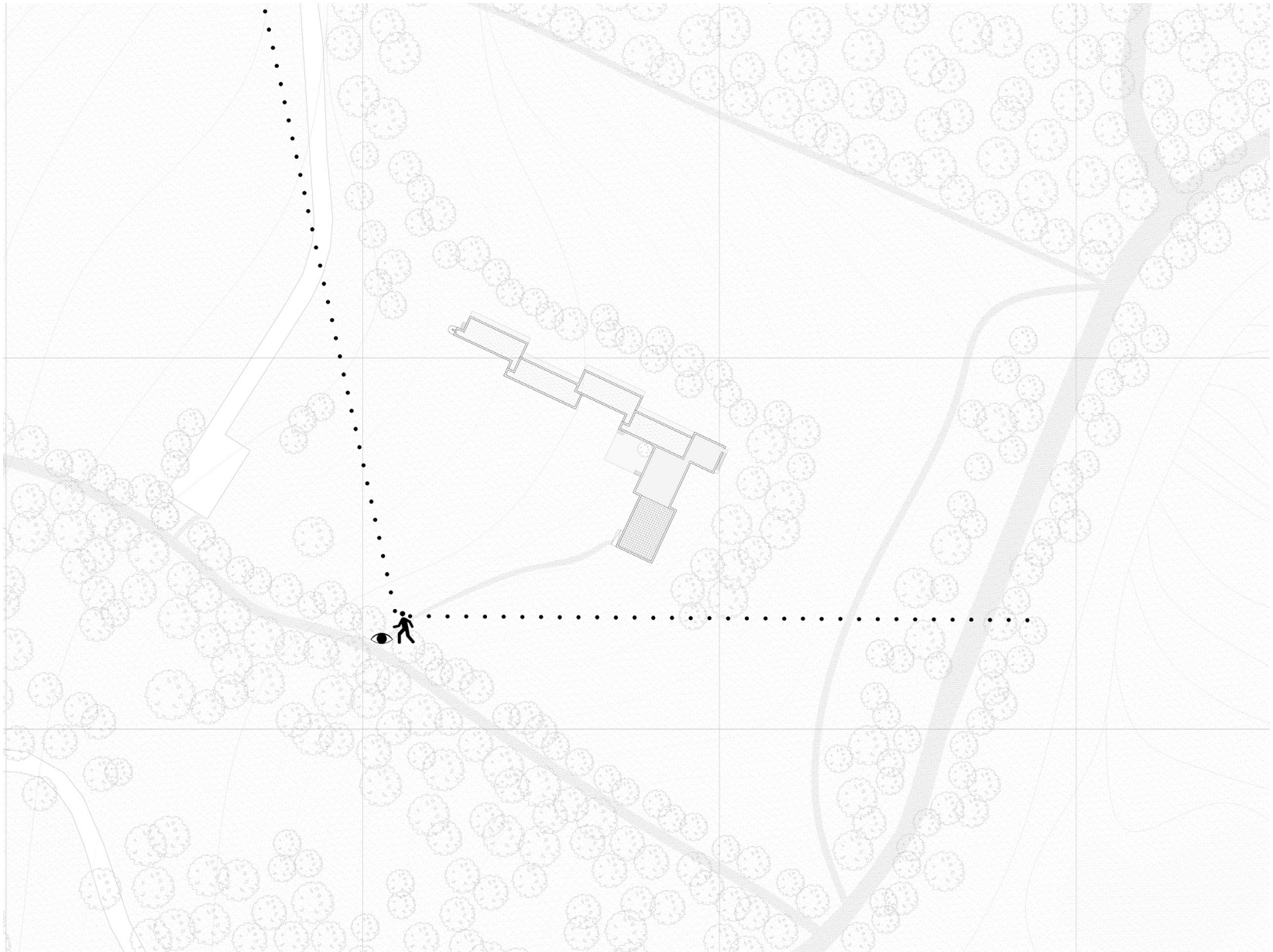


Approaching the site
Sint-Pietersberg



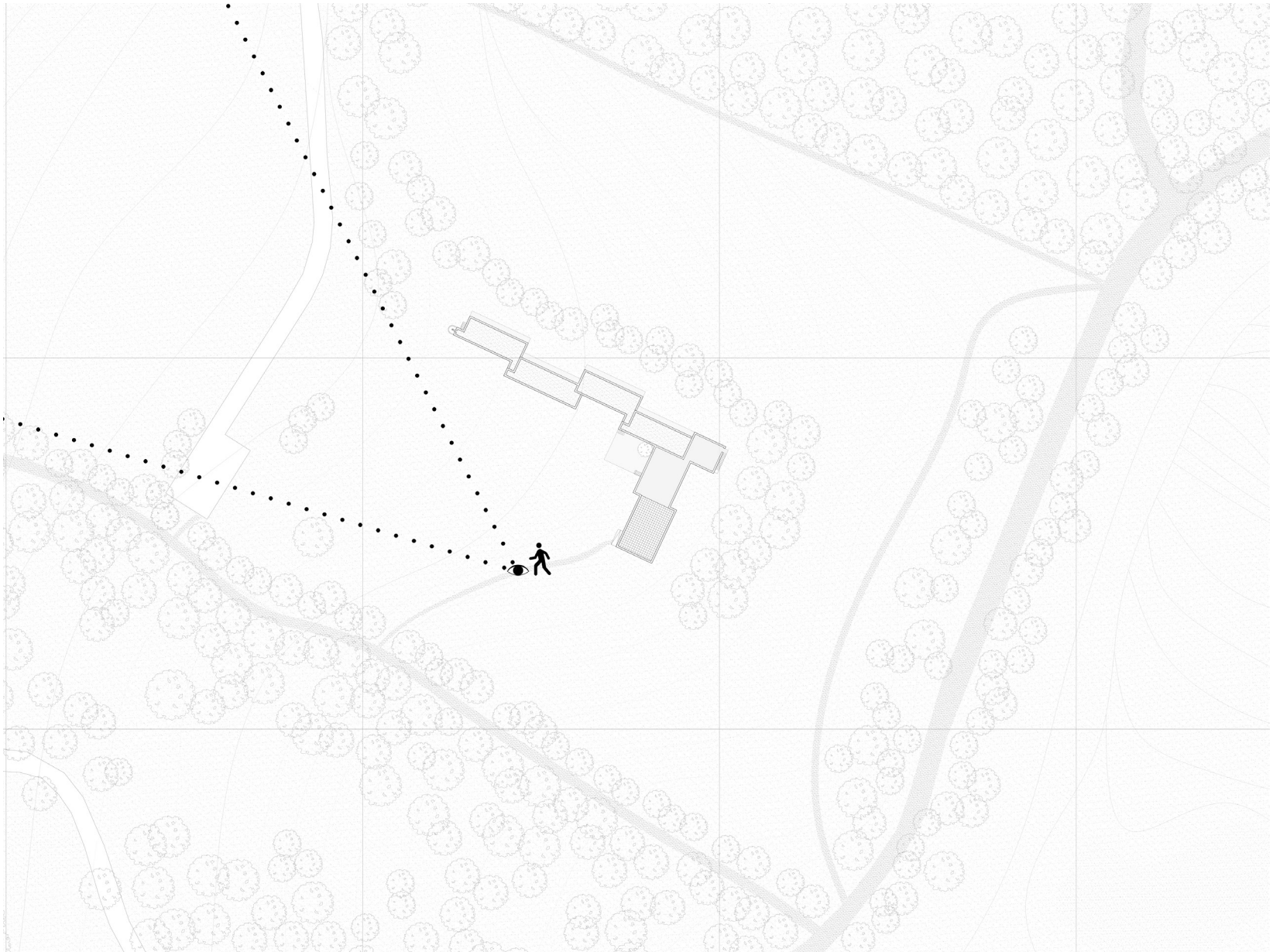
Approaching the site
the “green-room”

Approaching the site
the “green-room”



Approaching the site
the grassy field

Approaching the site
the grassy field



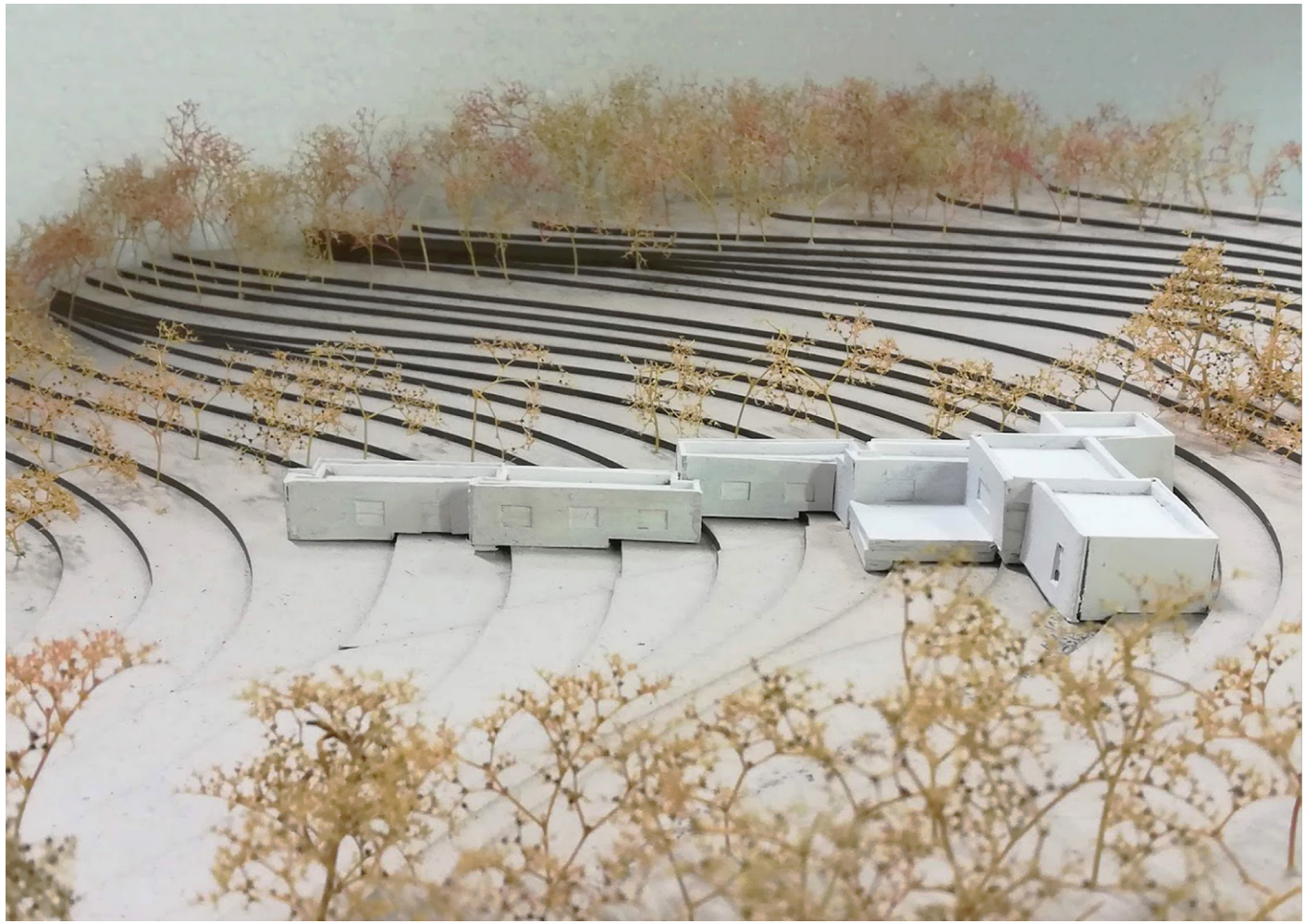
Approaching the site
attending Jeker valley

Approaching the site
attending Jeker valley

Part V

The guesthouse in the valley

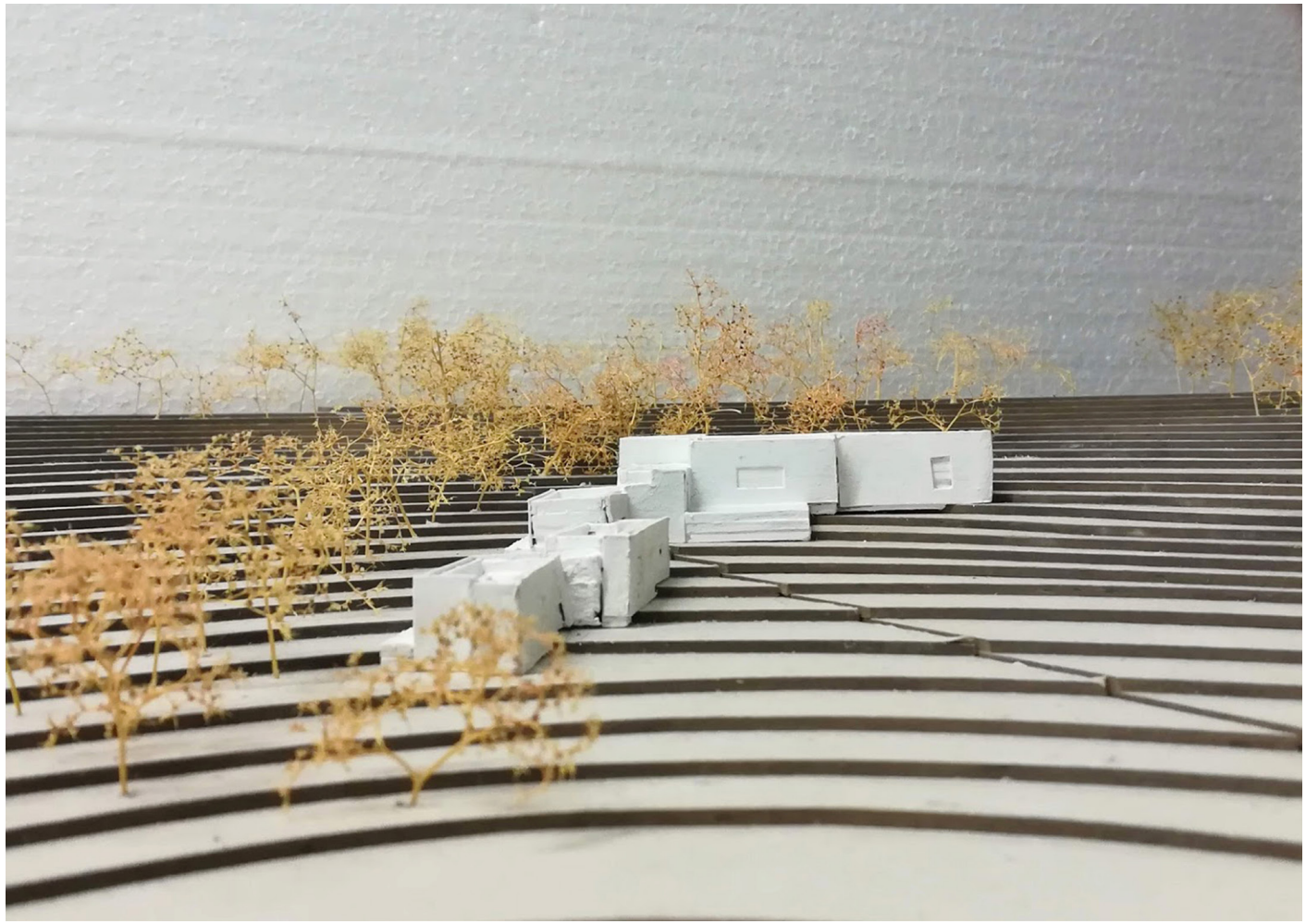
The guesthouse
articulations in the landscape



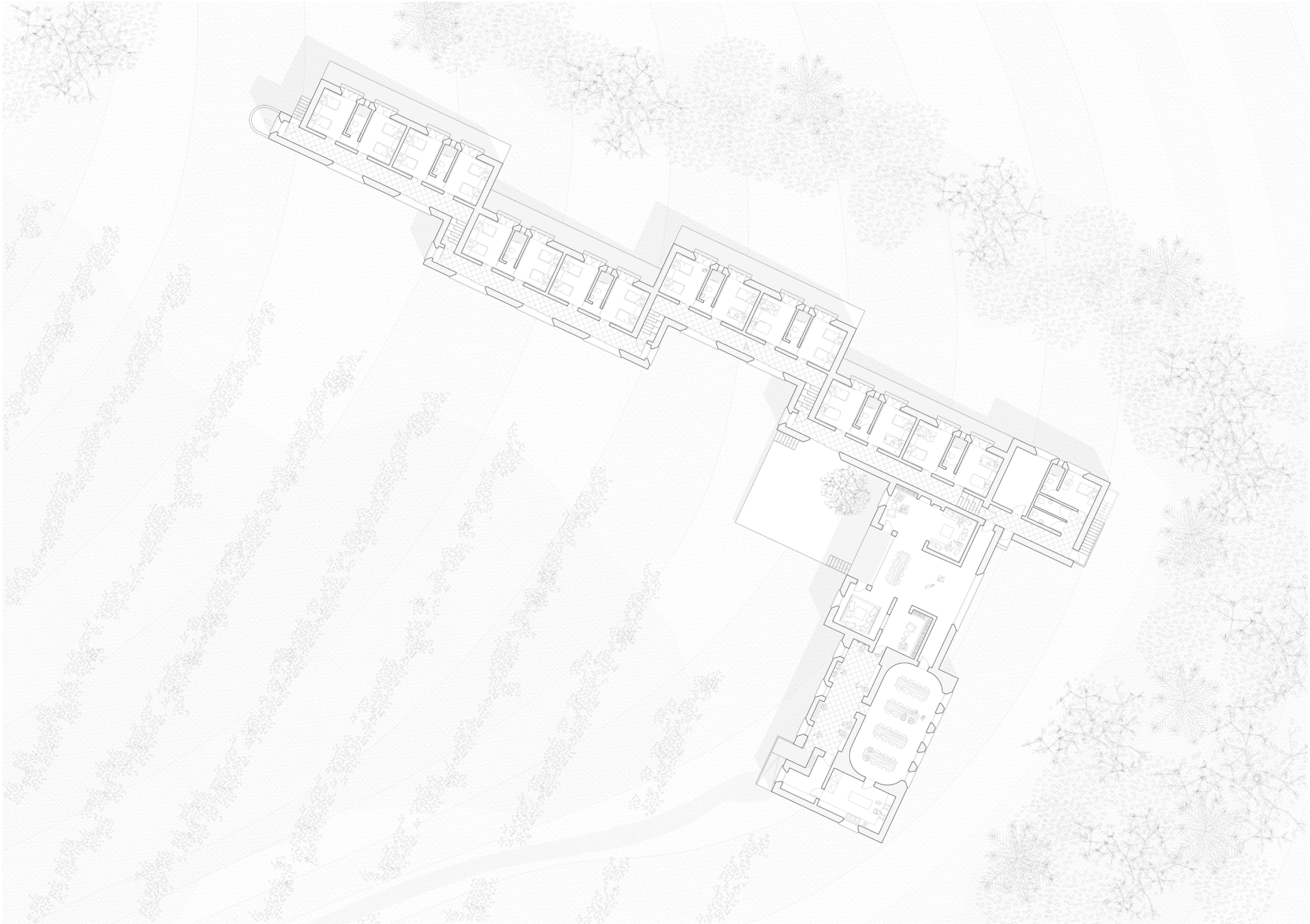
The guesthouse
adaptation in the slope

The guesthouse
gradual revelation

The guesthouse
gradual revelation



The guesthouse
gradual revelation



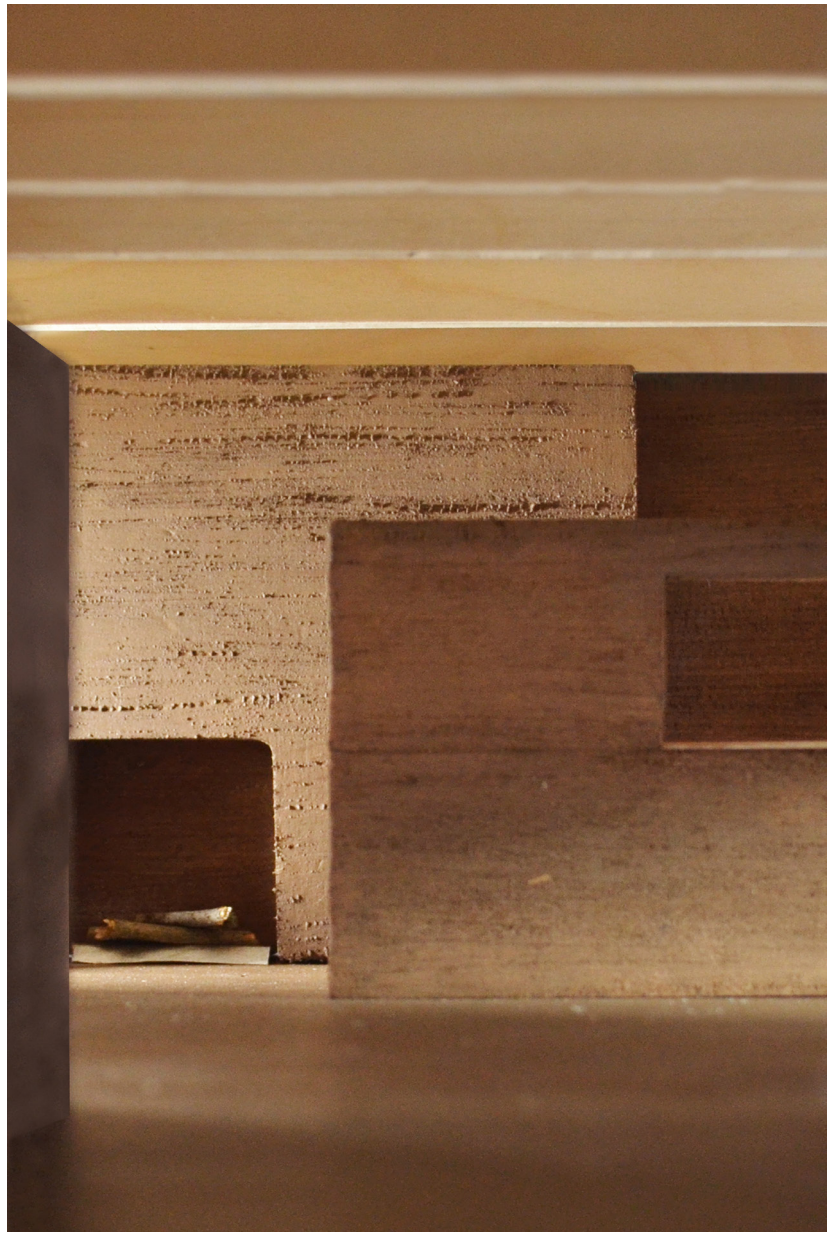
The guesthouse
floorplan

total 1.200m2

The guesthouse
Programmatic diagram

The guesthouse
Roof division

The guesthouse
floorplan / common spaces



The guesthouse
Entance of the lounge

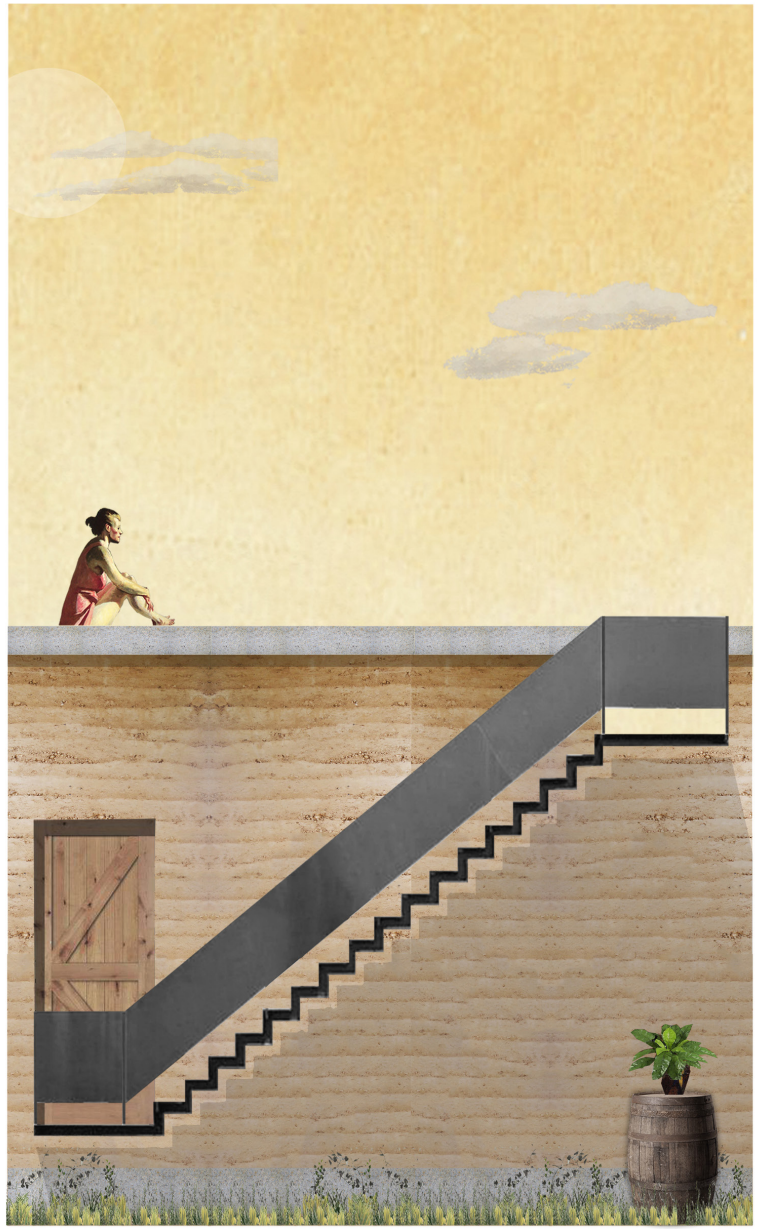
The guesthouse
The lounge of the guesthouse

The guesthouse
Attending back to St. Servaasbron

The guesthouse
The corridor and the window

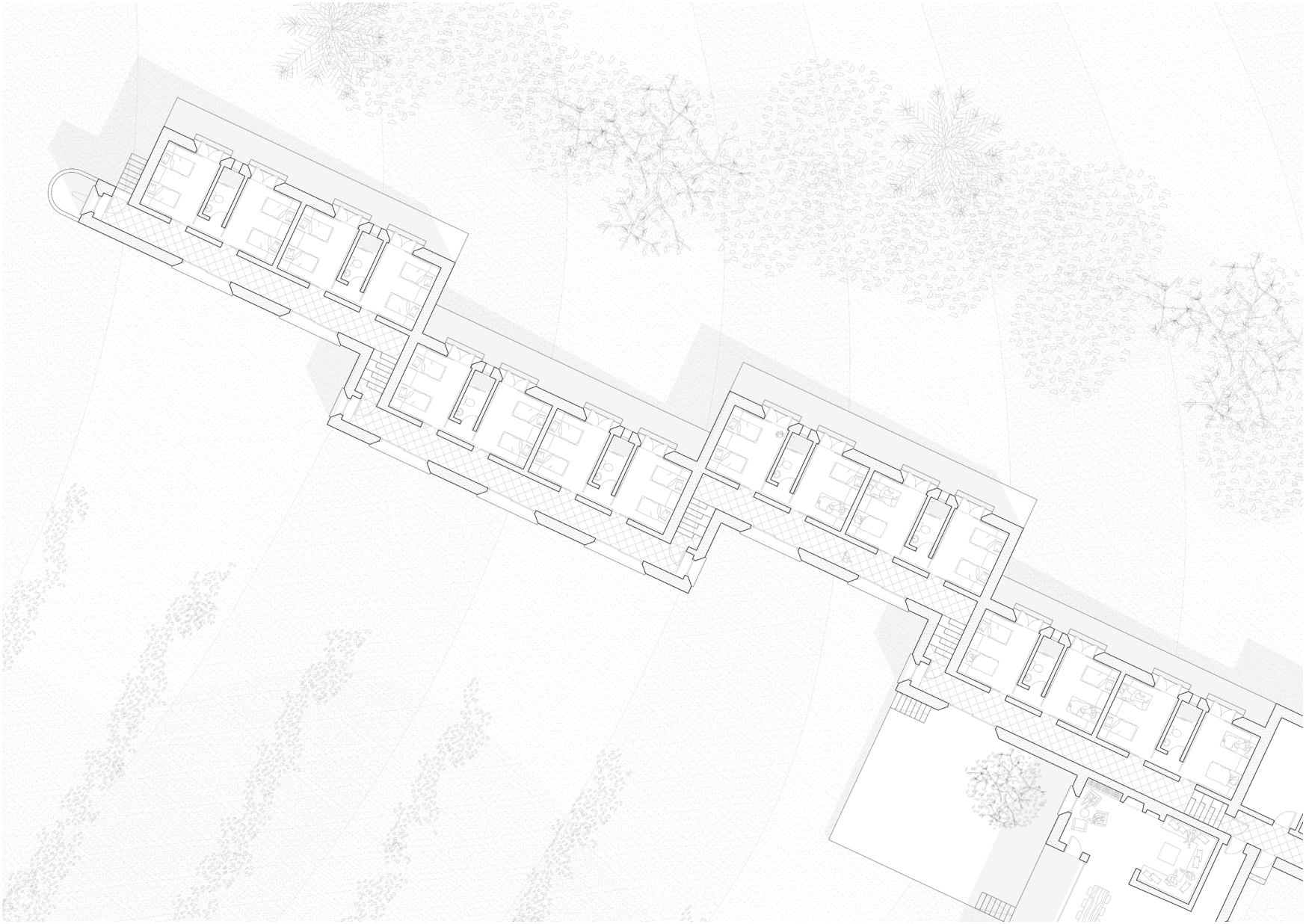
The guesthouse
aspect of the living room

The guesthouse
aspect of the living room



The guesthouse
access to roof terrace

The guesthouse
view from the corridor



The guesthouse
floorplan

The guesthouse
the corridor of the dormitory

The guesthouse
living in the countryside

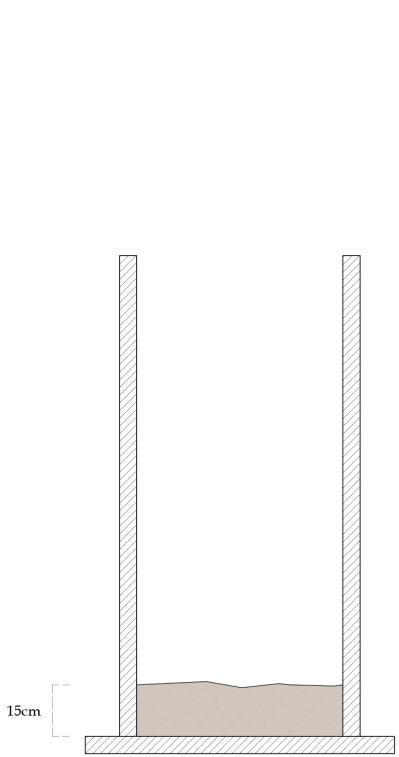
The guesthouse
listening to the birds

The guesthouse
from outside to inside

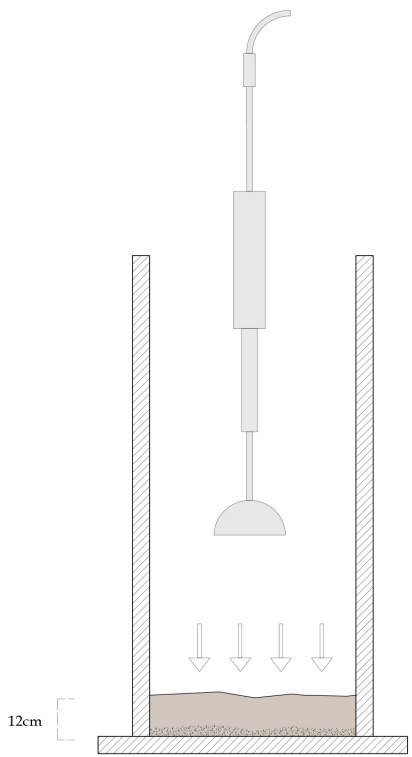
Limburg earth - farm routes

Limburg earth - rammed earth construction

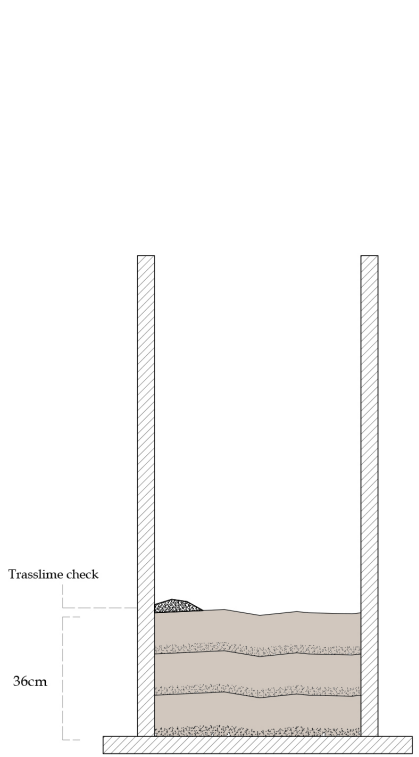
Materiality
rammed earth construction



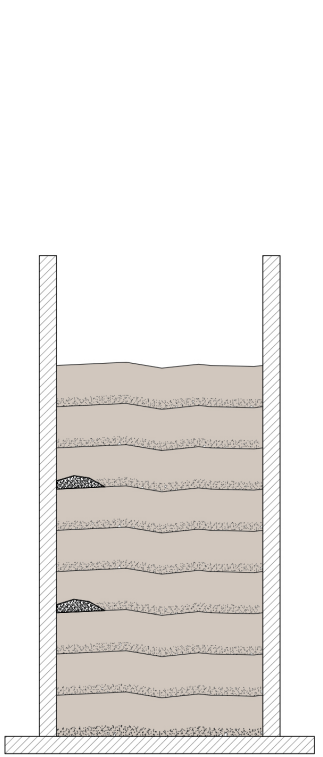
formwork preparation
first mix 15cm



pneumatic backfill tamper
rammed layer 12cm



erosion prevention



final rammed block

Materiality
rammed earth construction

150cm

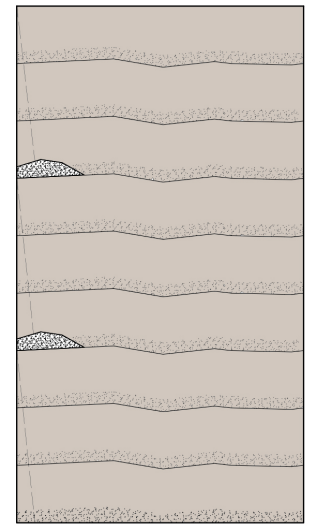
108cm

Rammed Block, facade

60cm

Trasslime check
that controls erosion

12cm



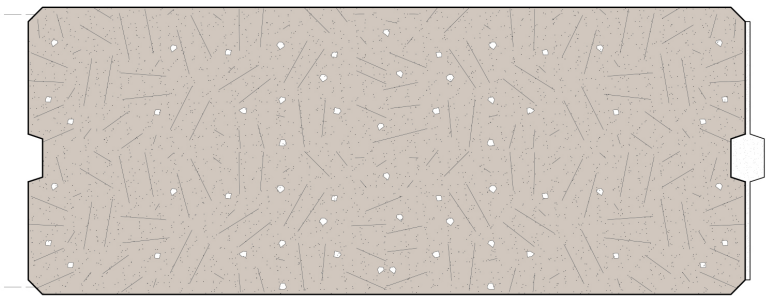
Rammed Block

20% gravel

40% ochre
colored earth from Limburg

40% clay

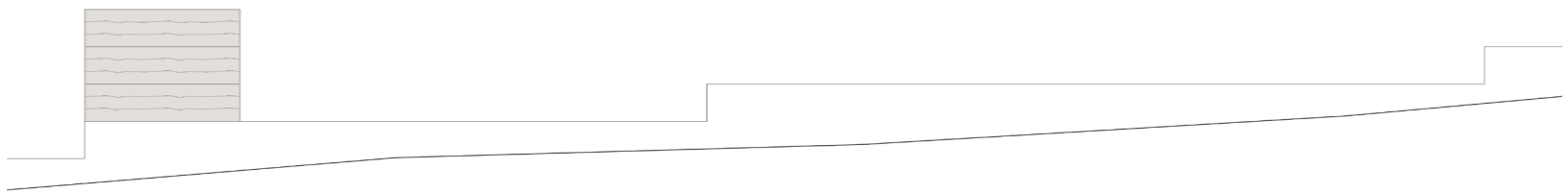
rounded edges
from mold



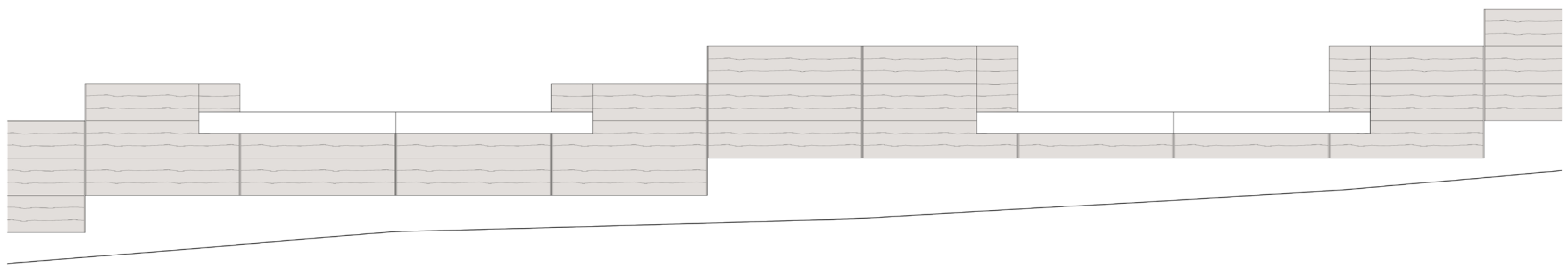
stabilized with Trasslime

Rammed Block, plan

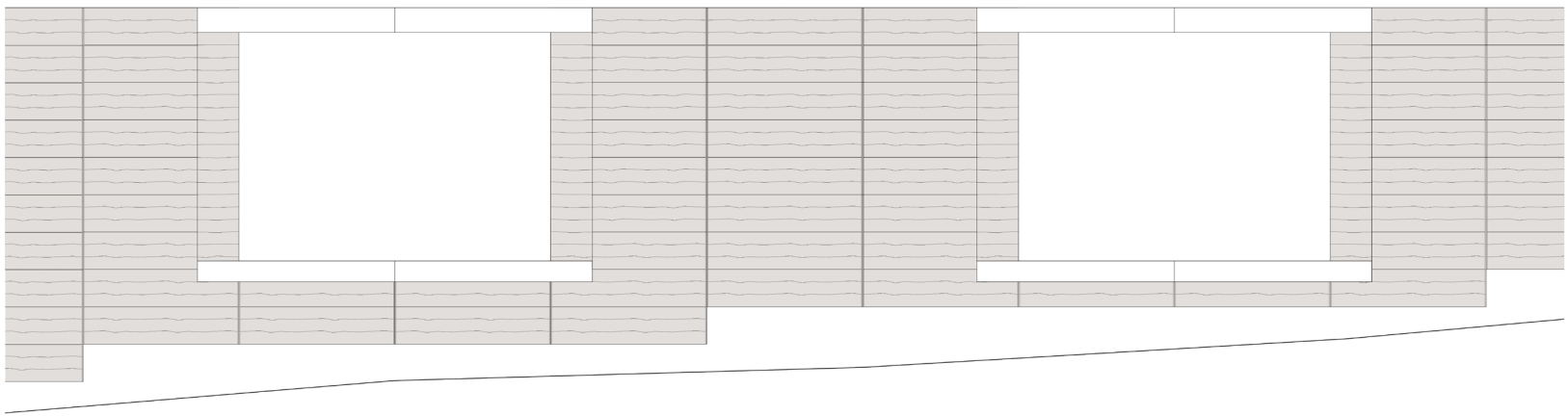
Materiality
rammed earth construction



Facade
construction steps



Facade
construction steps



Facade
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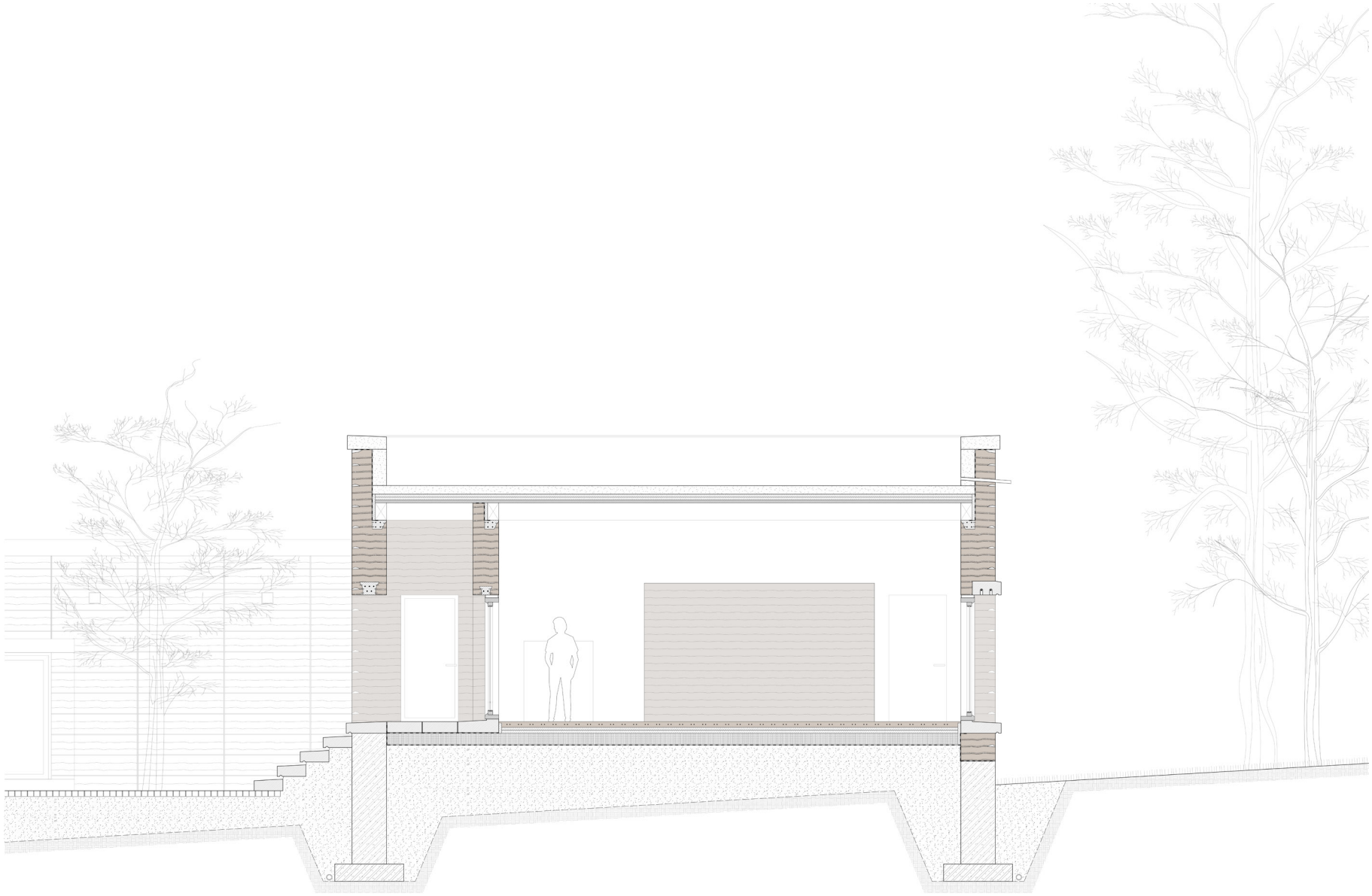
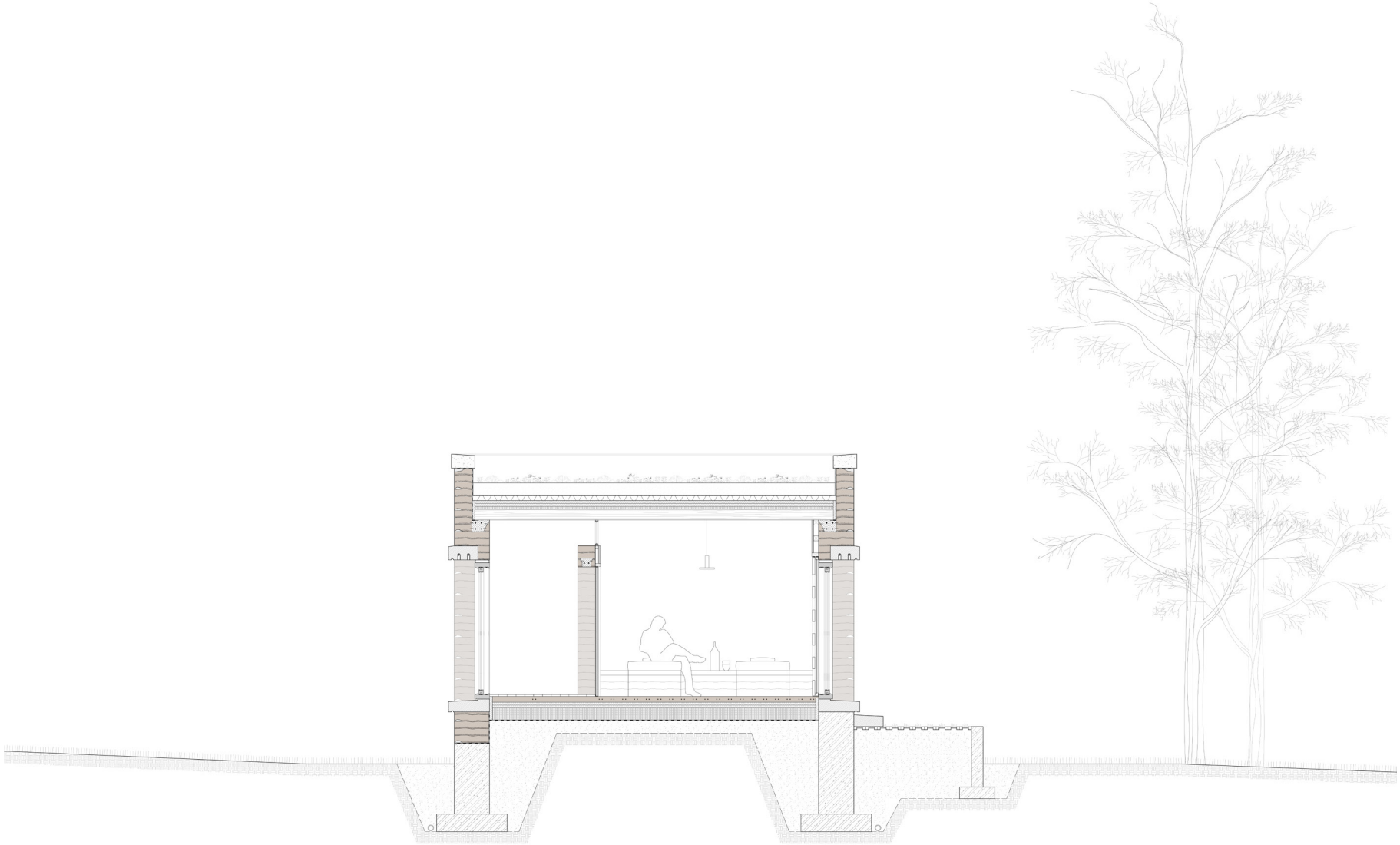
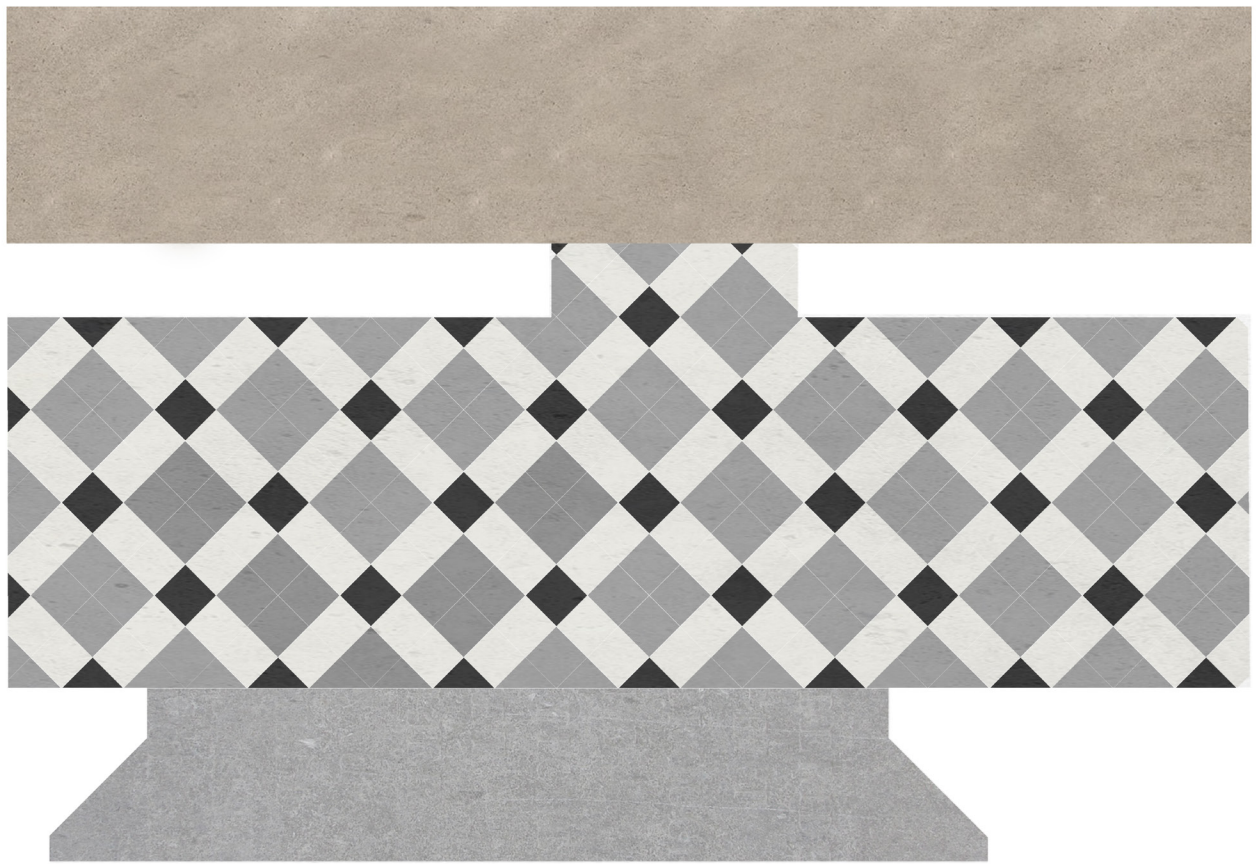


Lounge of the guesthouse
Construction Section

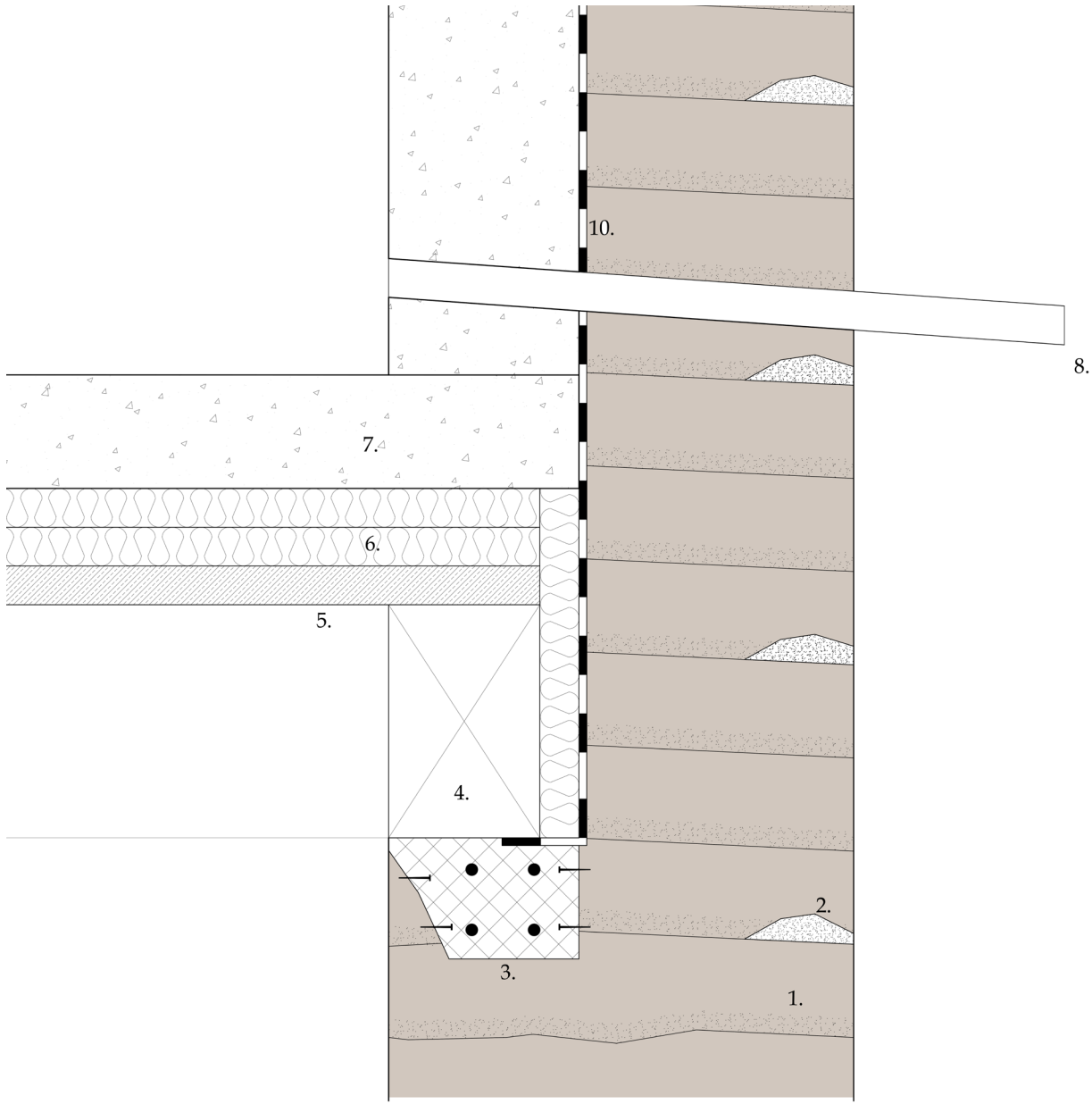


Rooms of the guesthouse
Construction Section



Materiality
the materials of the floor

Materiality
stone ornamentations



10.waterproof layer

8.emergency overflow pipe

7.concrete roof 15cm (3%slope)

6.foam glass insulation 10cm (2x5cm)

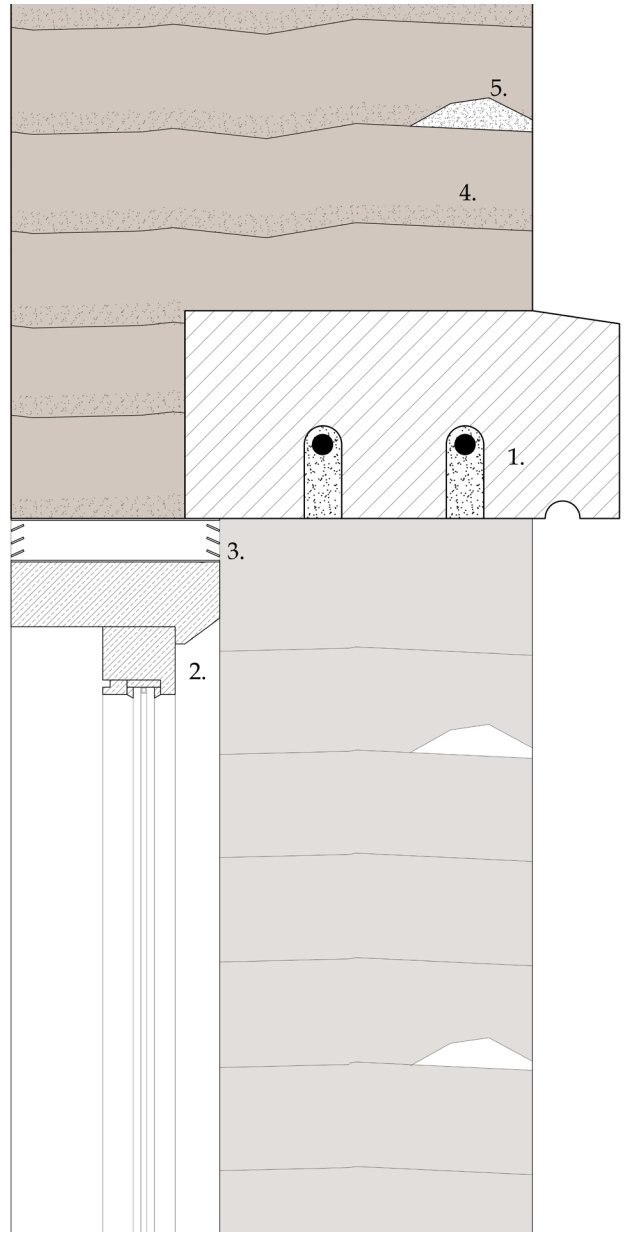
5.clt roof 5cm

4.clt roof construction (beam 30x20cm)

3.reinforced trass-lime mortar

2.trass-lime check

1.rammed earth exterior wall 60cm
earth layer 12cm



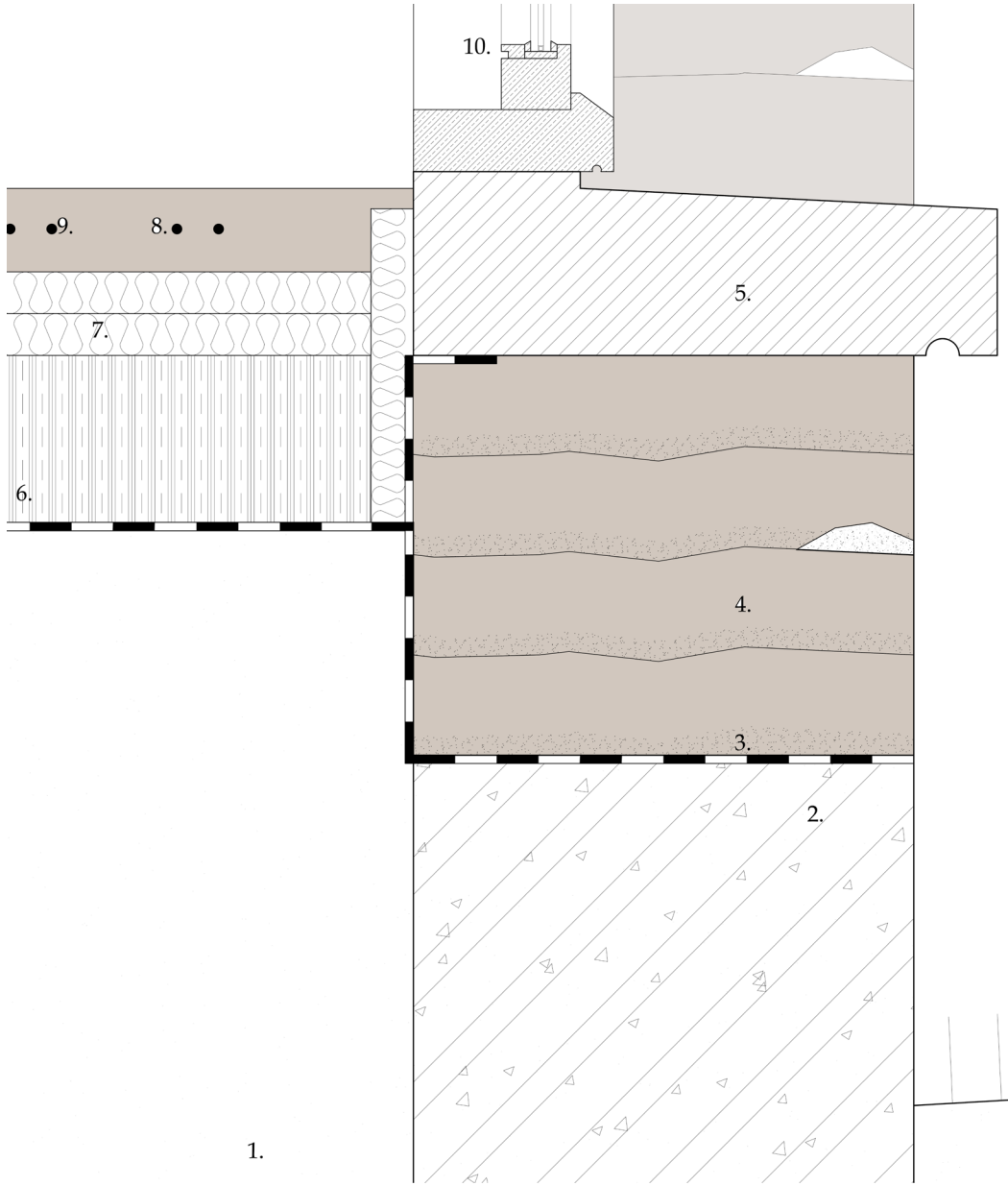
5.trass-lime check

4.rammed earth exterior wall 60cm
earth layer 12cm

3.ventilation grill

2.wooden window

1.window lintel from"Namur limestone"
reinforced with steel rebar



10.wooden window

9.underfloor heating

8.rammed earth flooring 8cm

7.foam glass insulation 10cm (2x5cm)

6.mixed mortar 20cm
cork/clay/trass/lime

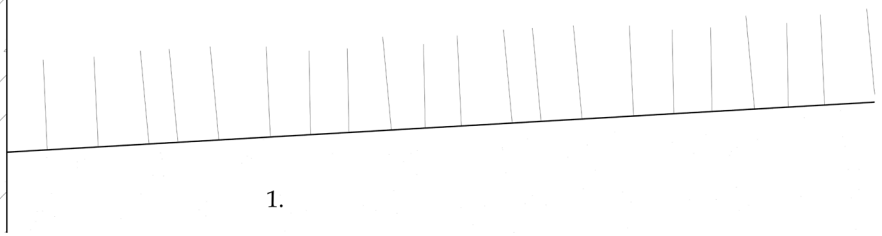
5.window apron/stair
from"Namur limestone"

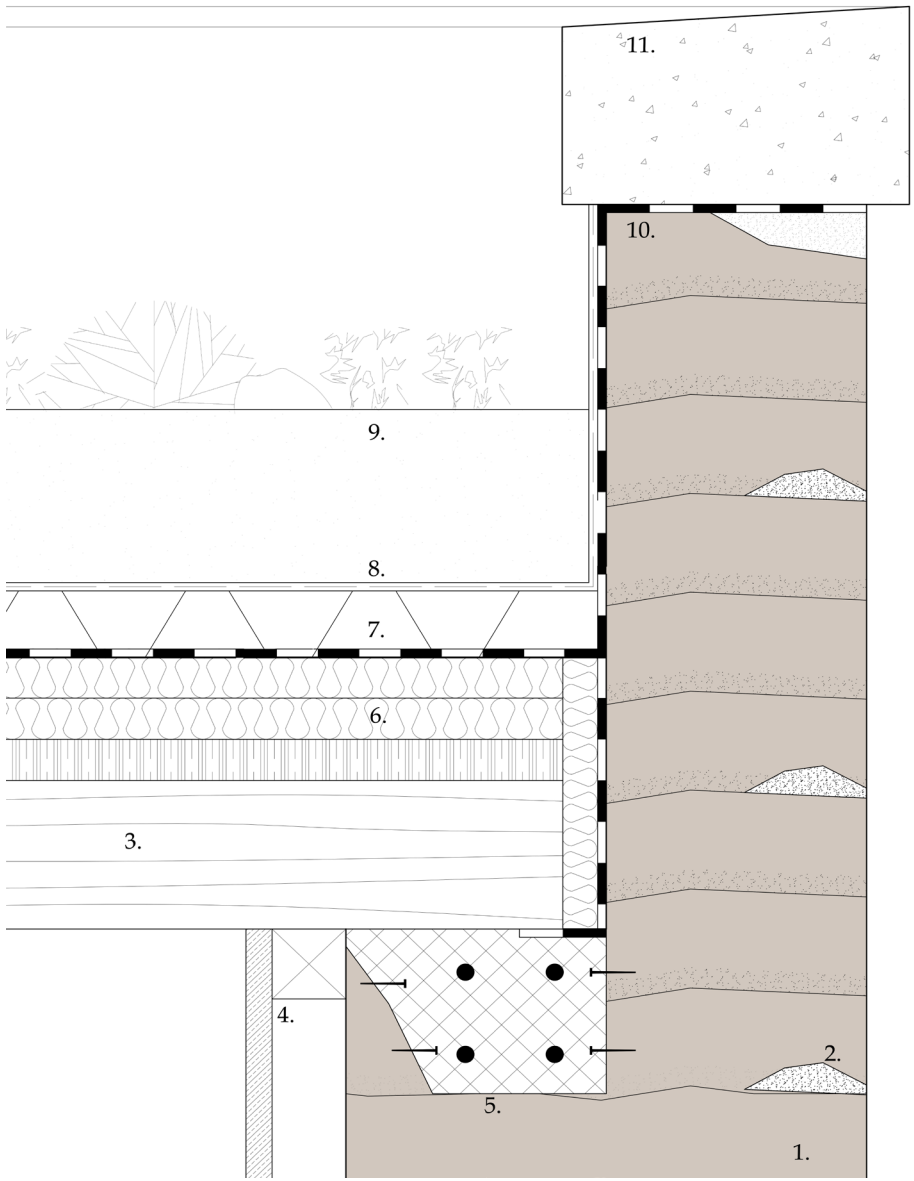
4.rammed earth exterior wall 60cm
earth layer 12cm

3.waterproof layer

2.reinforced concrete
foundations 60cm

1.compressed earth





11.reinforced concrete finishing slope 5%

10.waterproof layer

9.vegetation layer

8.filter fleece

7.drainage layer

6.foam glass insulation 10cm (2x5cm)

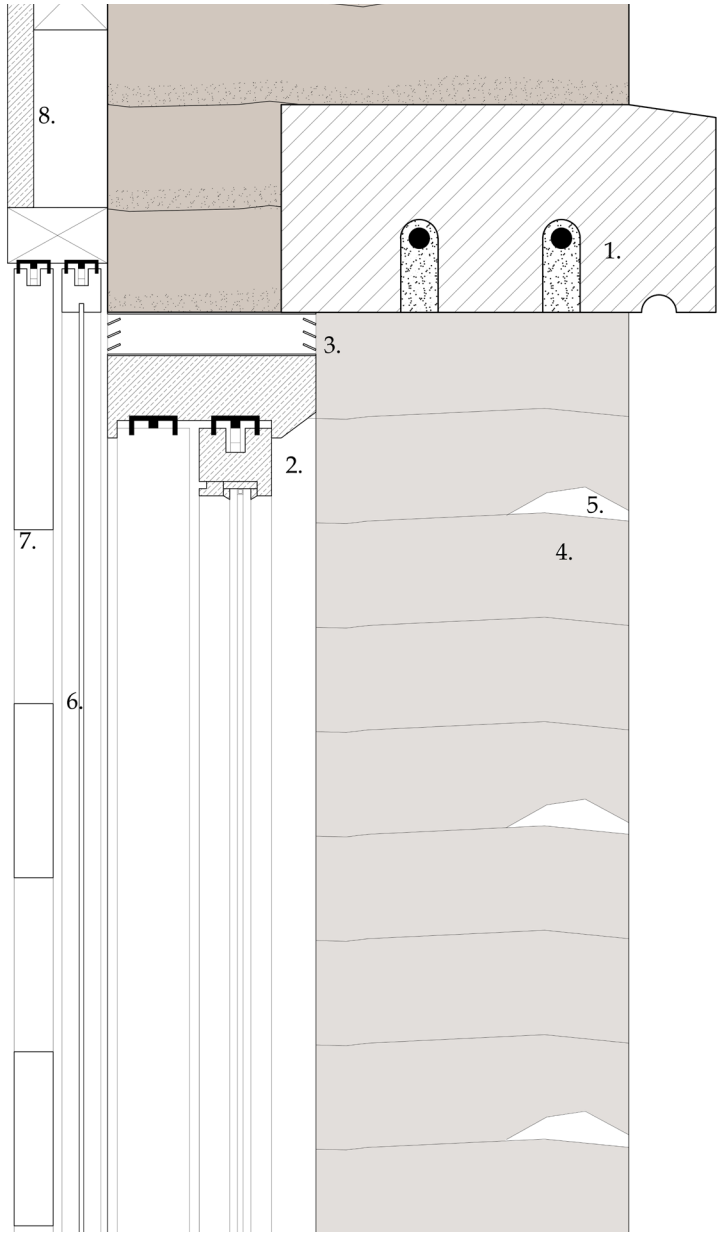
5.reinforced trasslime mortar

4.wall covering (wooden construction)

3.solid wood slab (dippelbaum) 18cm

2.trass-lime check

1.rammed earth exterior wall 60cm earth layer 12cm



8.wall covering (wooden construction)

7.wooden sliding shutter

6.mosquito net in sliding frame

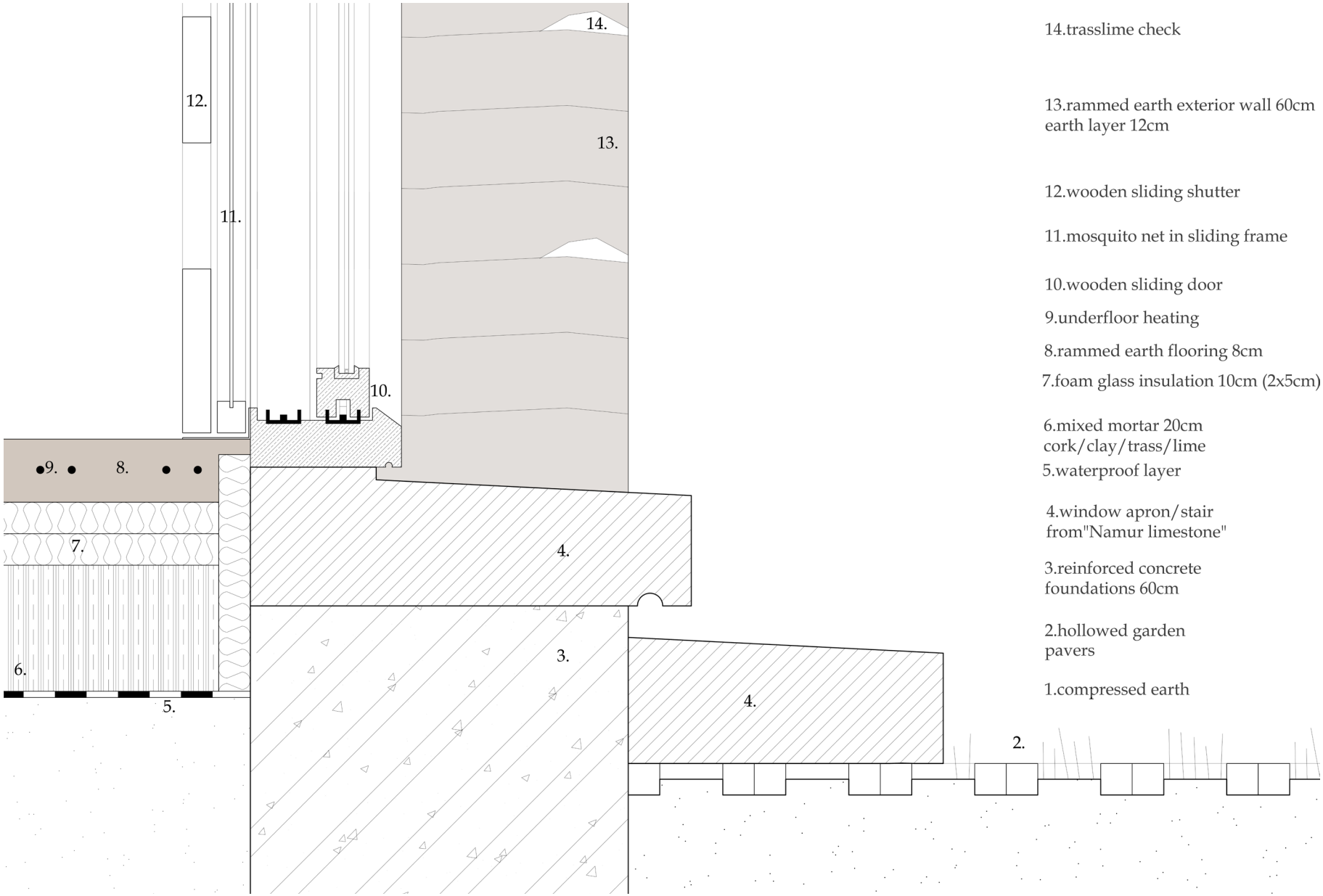
5.trass-lime check

4.rammed earth exterior wall 60cm
earth layer 12cm

3.ventilation grill

2.wooden sliding door

1.window lintel from"Namur limestone"
reinforced with steel rebar



14.trasslime check

13.rammed earth exterior wall 60cm
earth layer 12cm

12.wooden sliding shutter

11.mosquito net in sliding frame

10.wooden sliding door

9.underfloor heating

8.rammed earth flooring 8cm

7.foam glass insulation 10cm (2x5cm)

6.mixed mortar 20cm
cork/clay/trass/lime

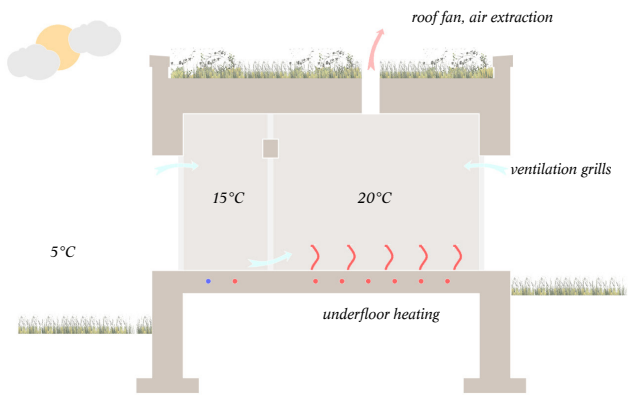
5.waterproof layer

4.window apron/stair
from"Namur limestone"

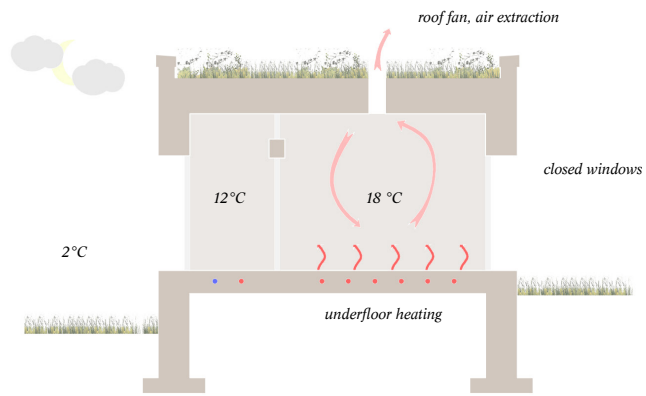
3.reinforced concrete
foundations 60cm

2.hollowed garden
pavers

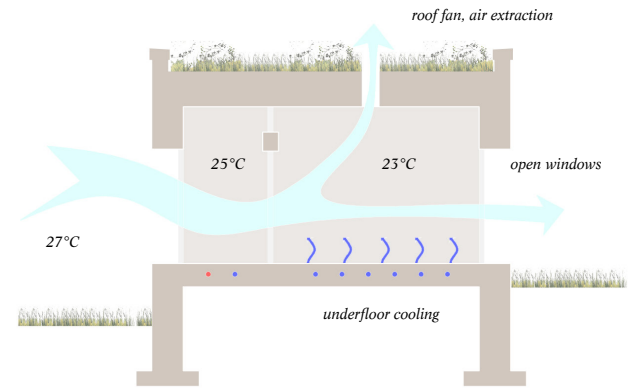
1.compressed earth



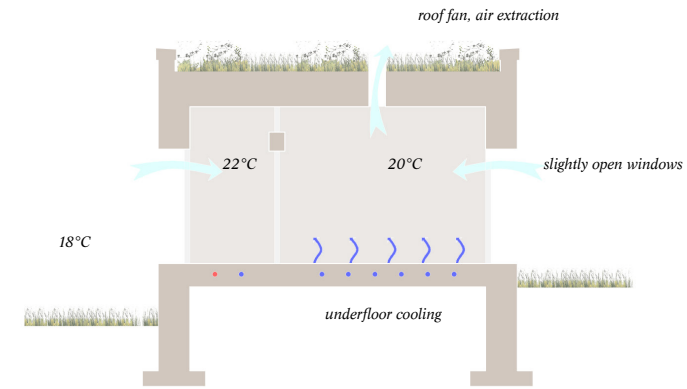
winter/day



winter/night



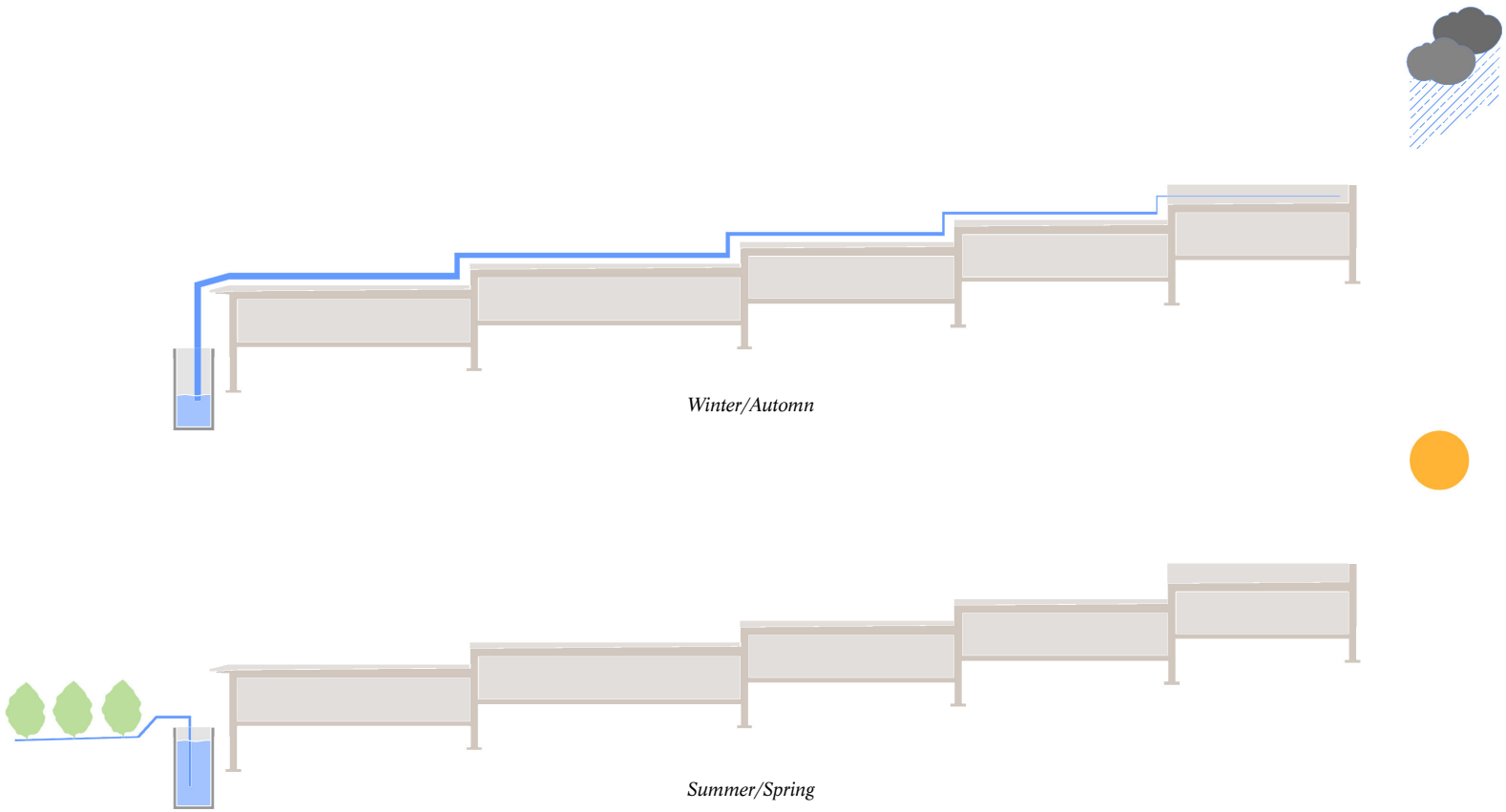
summer/day



summer/night

Climate concepts

heating, cooling and ventilation in the rooms



Winter/Automn

Summer/Spring

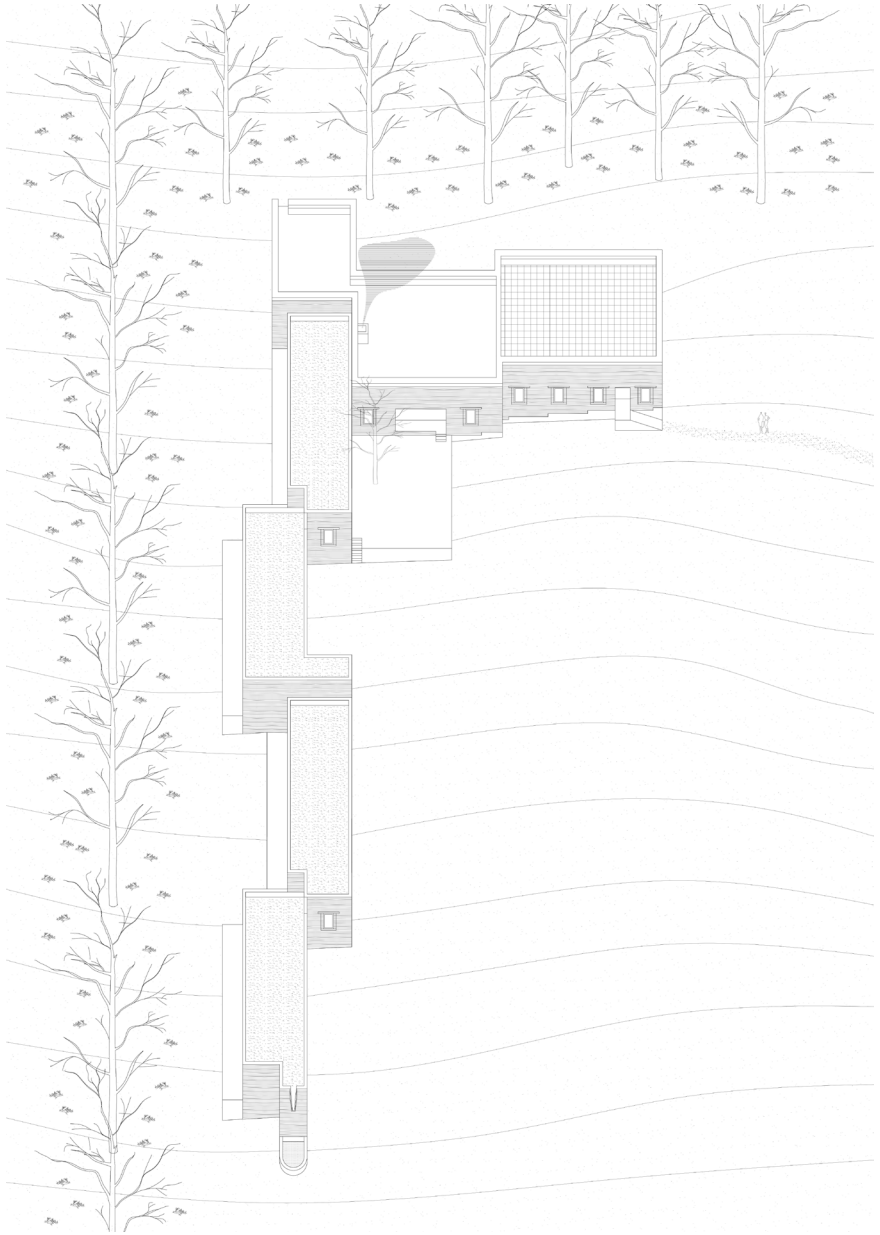
Climate concepts

rainwater gathering for irrigation

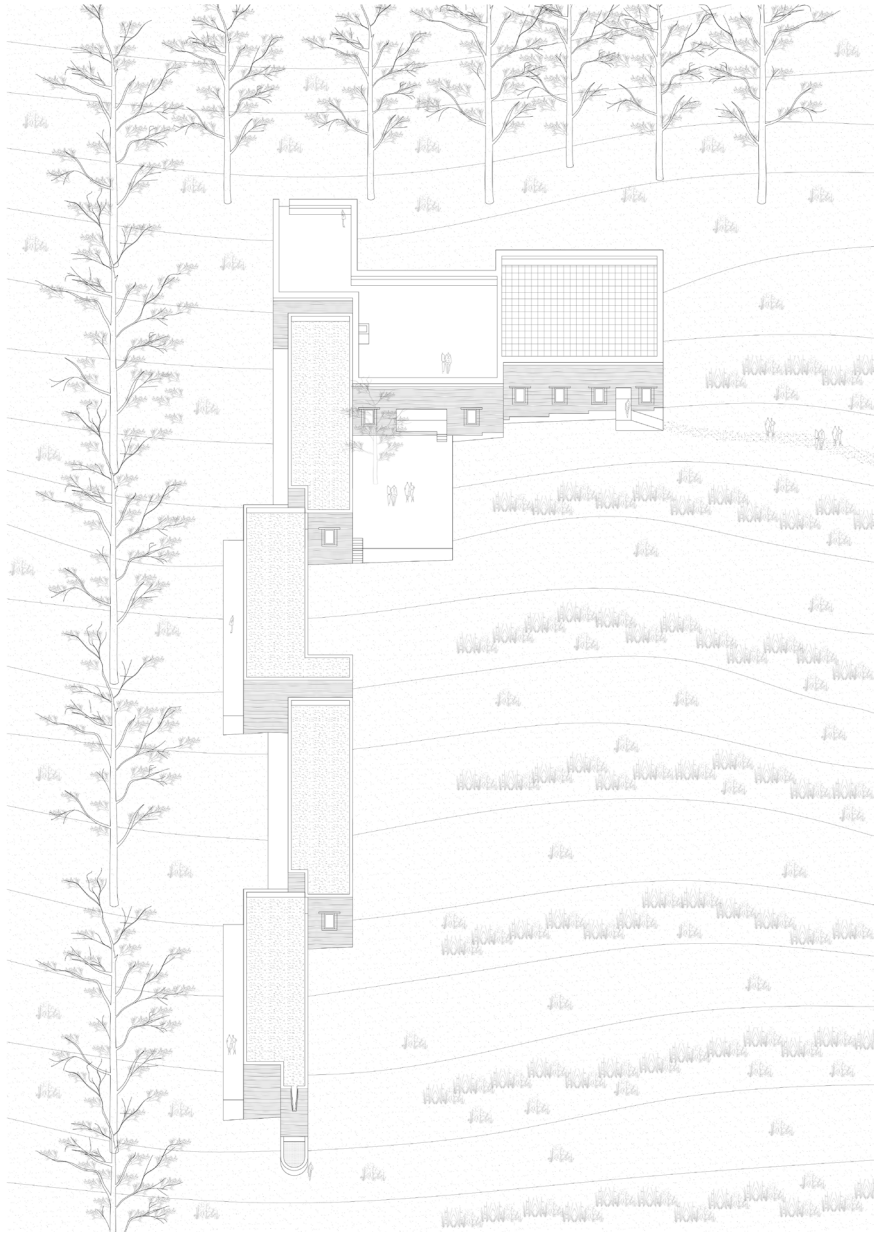
Climate concepts
concrete rain gutter

Part VI

Epilogue



Winter at the Guesthouse



Spring at the Guesthouse

Thank you...