

BIESBOSCH BEZINNINGSLANDSCHAP

een toekomstscenario voor de Amaliapolder

drawings

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(Facade fragment and details are displayed on
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Facade fragment and details

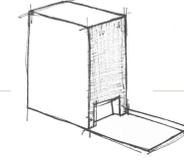
sphere 3
IMPENETRABLE WILDERNESS

sphere 4
INVISIBLE INFINITY

sphere 2
DYNAMIC WATERSCAPE

sphere 1
ENCLOSED OPENNESS

VERBLIJFPLEKKEN



BELEEFPLEKKEN



Topography

- 1 Polder Kwestius
- 2 Keesjes Killeke
- 3 Polder Turfzakken
- 4 Doorbraak van de Zuiderkijp
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- 6 Polder de Plomp
- 7 Benedenste Jannezand
- 8 Keet van de Plomp
- 9 Eendenkooi
- 10 Spaarbekken De Gijster

Amercentrale

Drimmelen

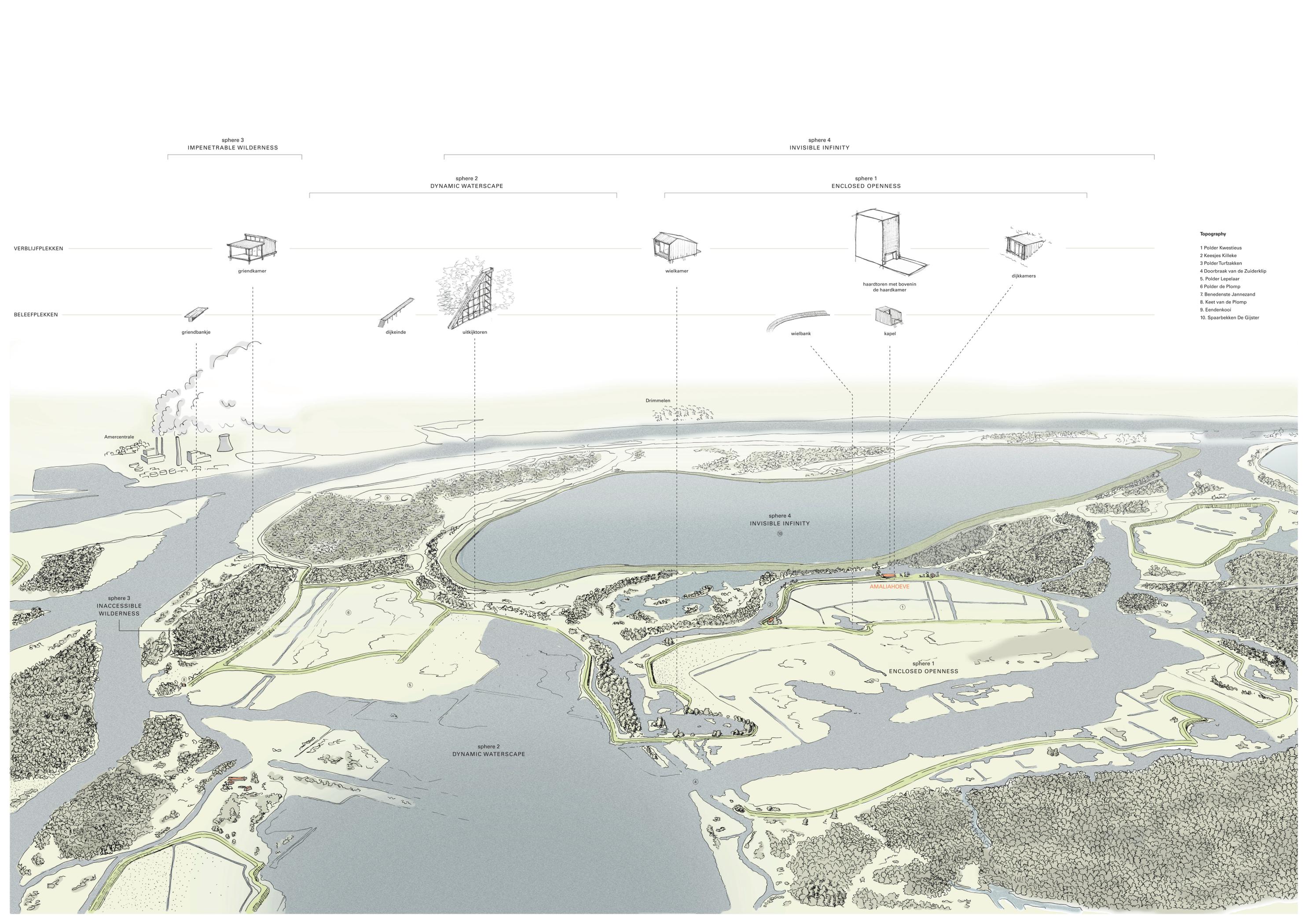
sphere 4
INVISIBLE INFINITY

AMALIAHOEVE

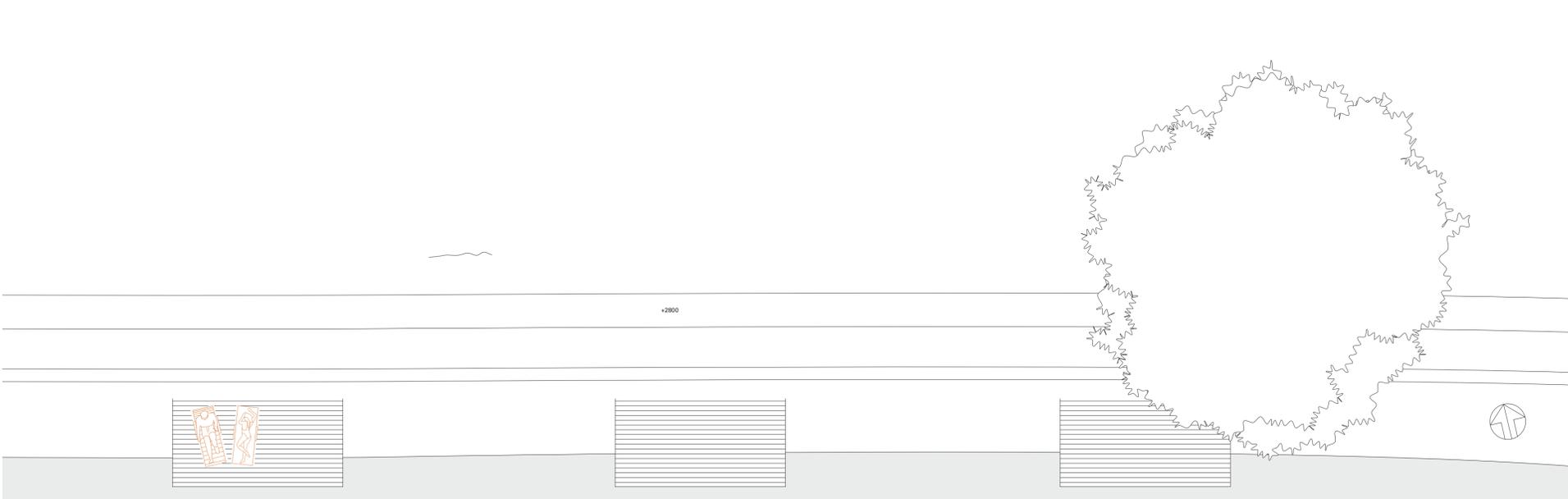
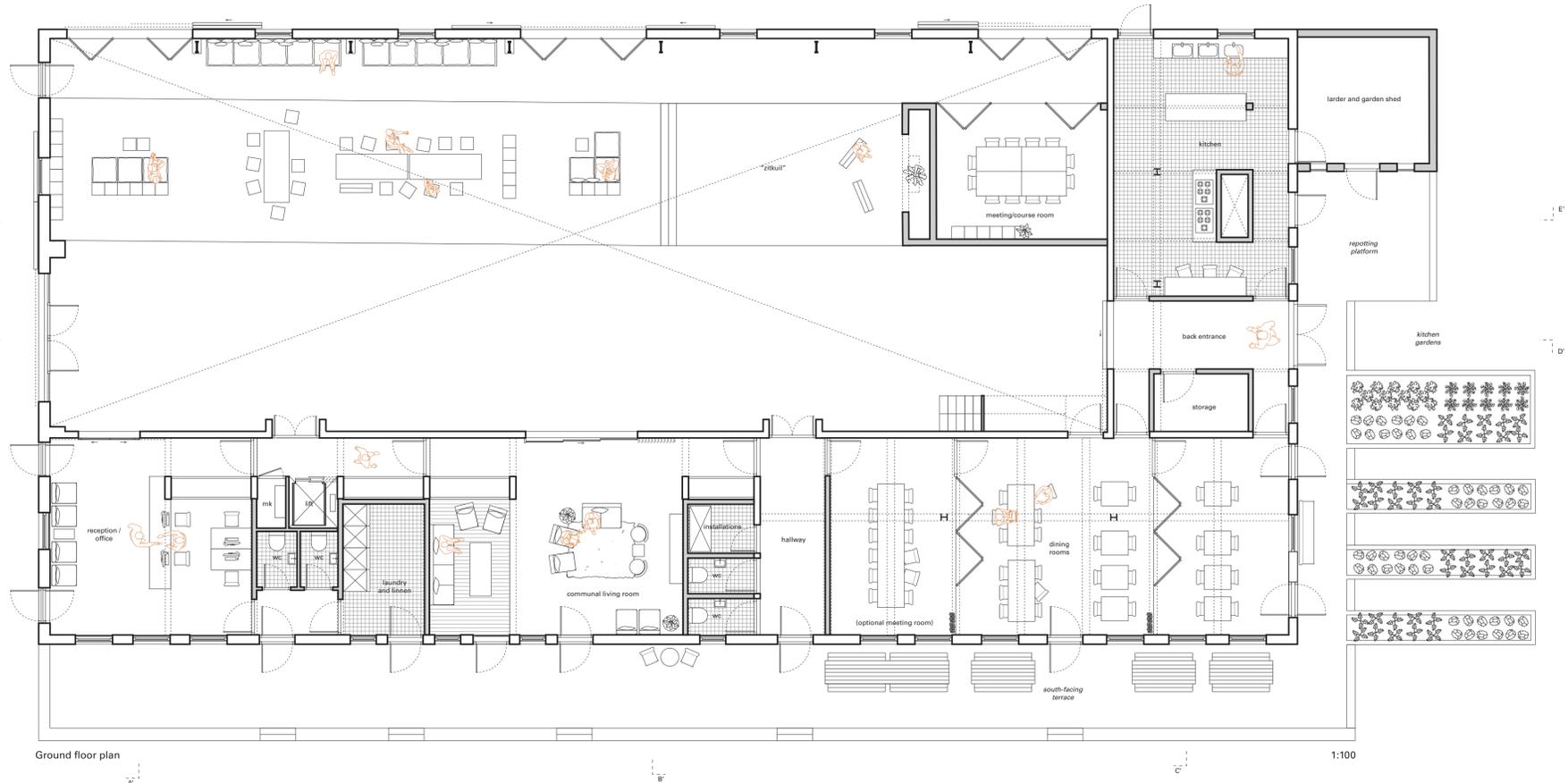
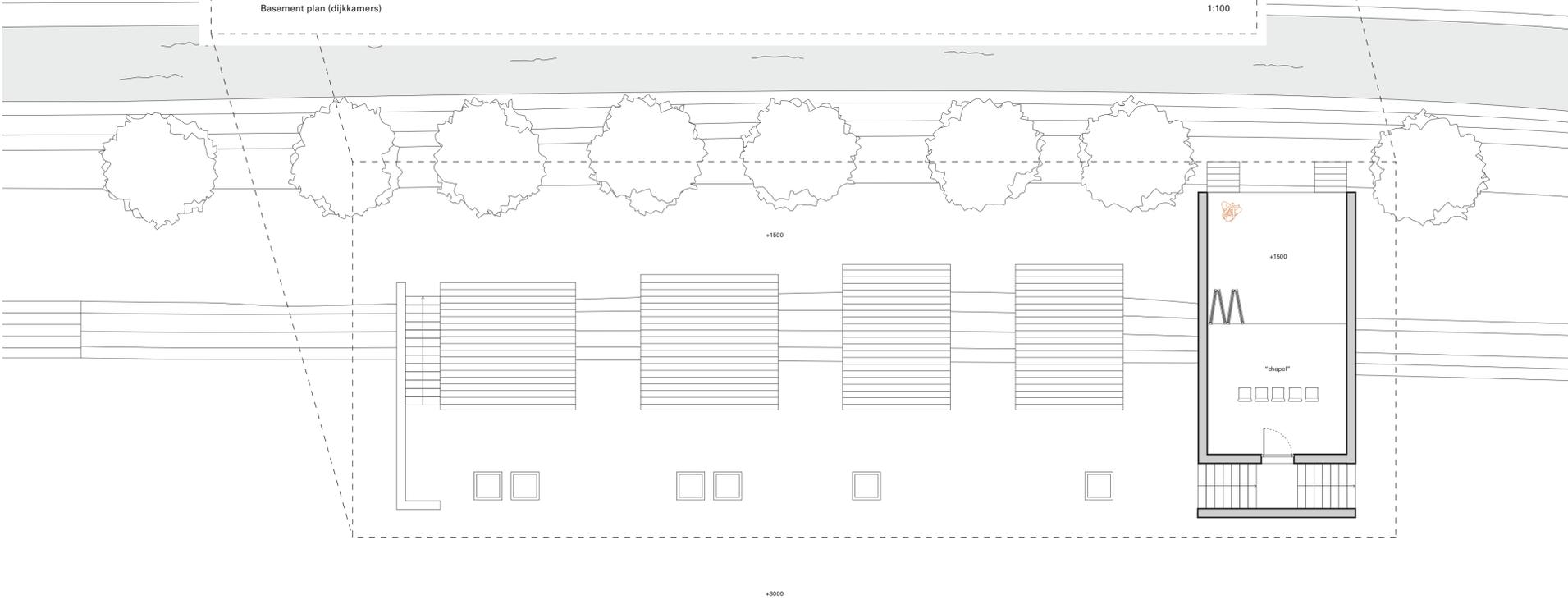
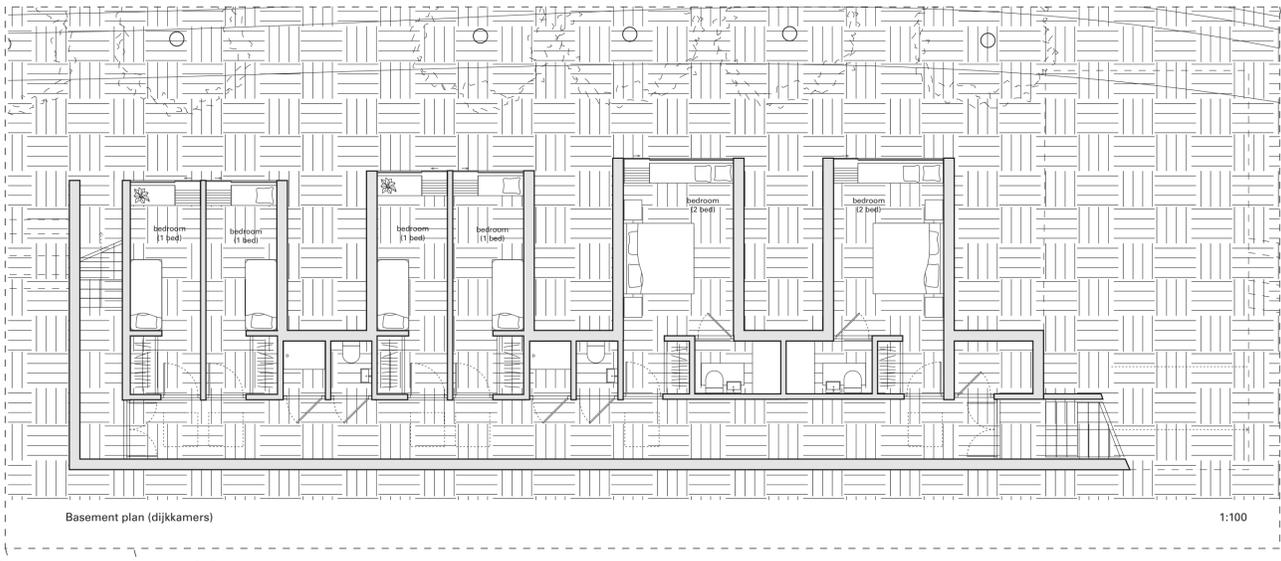
sphere 1
ENCLOSED OPENNESS

sphere 3
INACCESSIBLE WILDERNESS

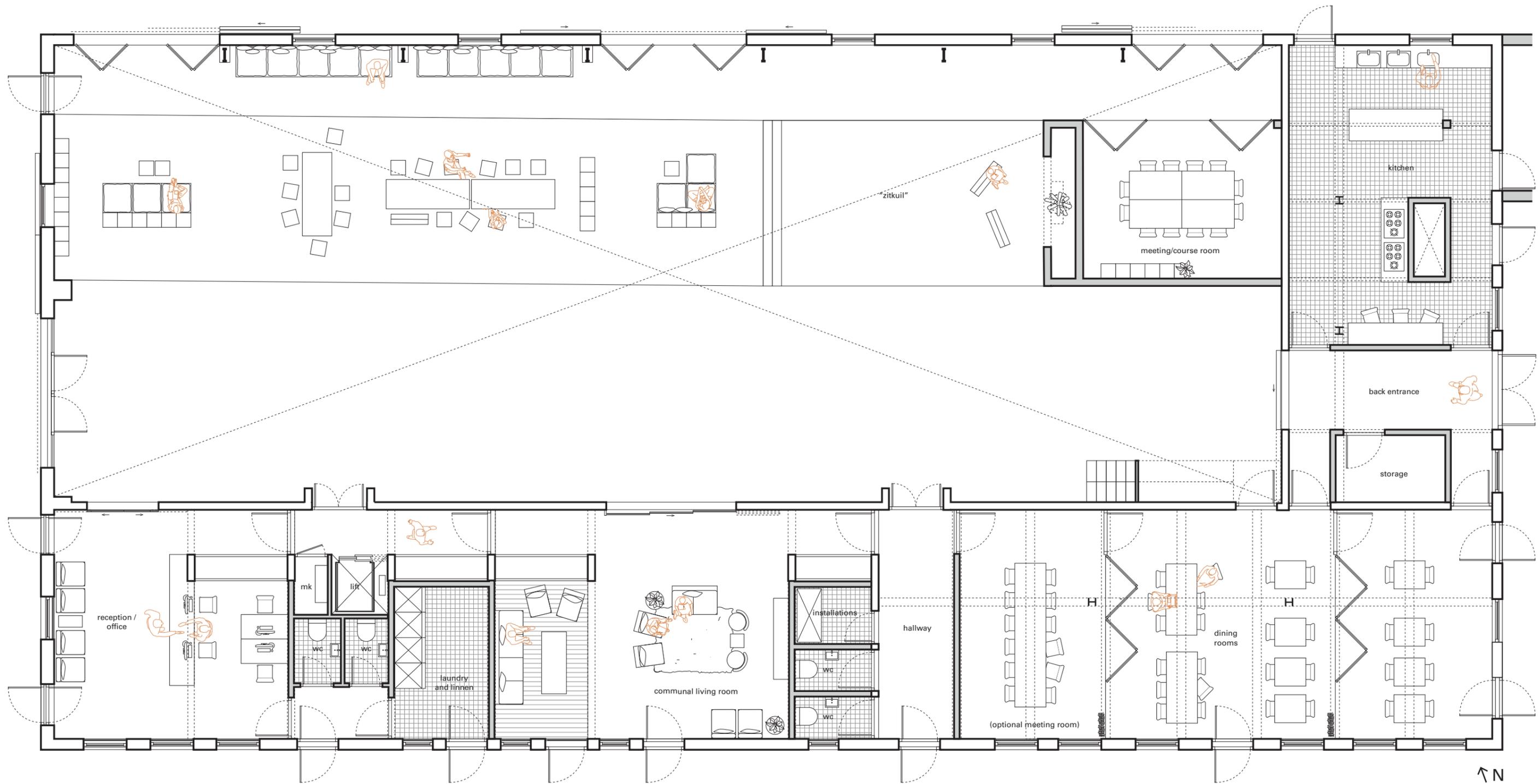
sphere 2
DYNAMIC WATERSCAPE

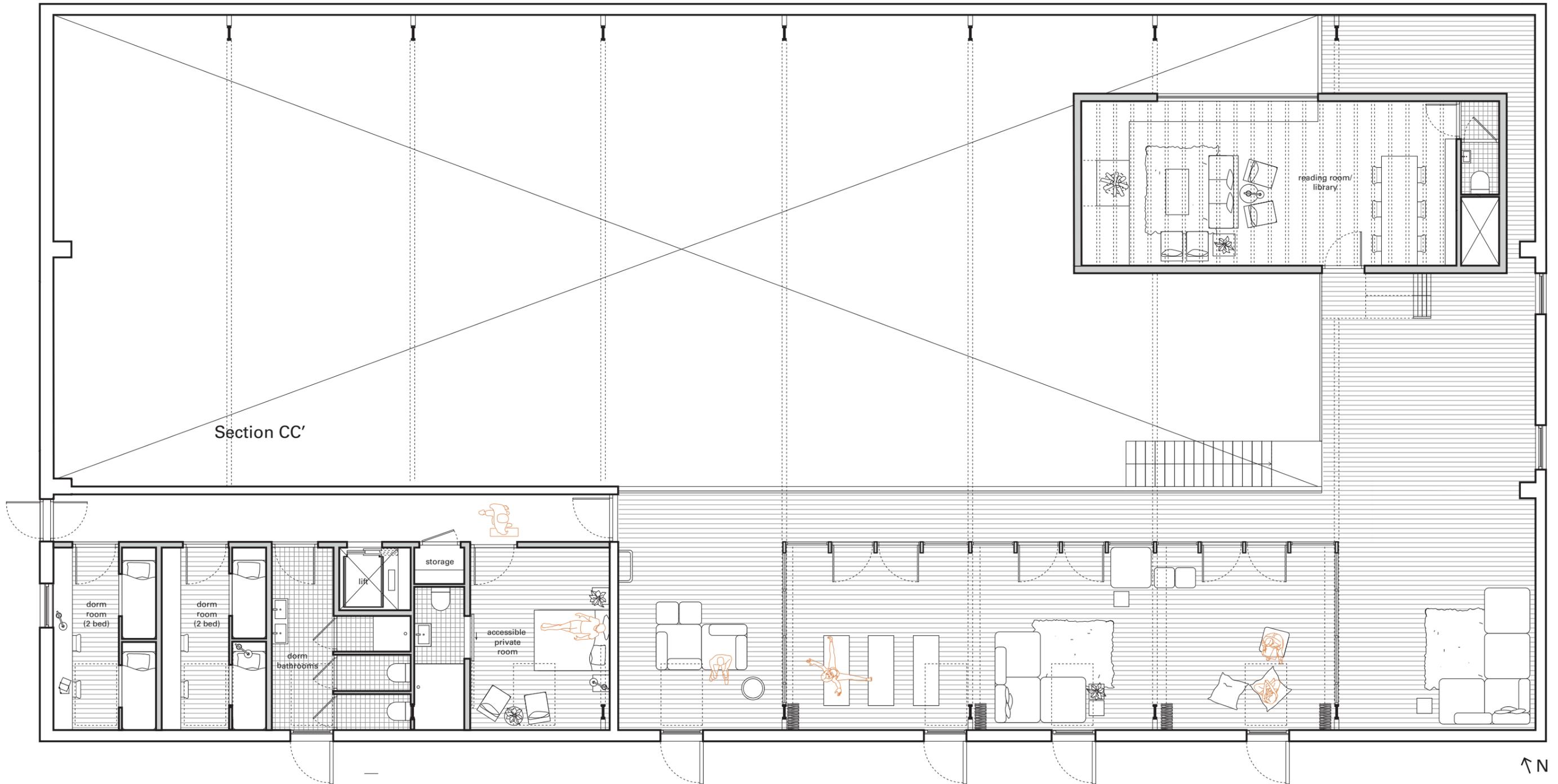




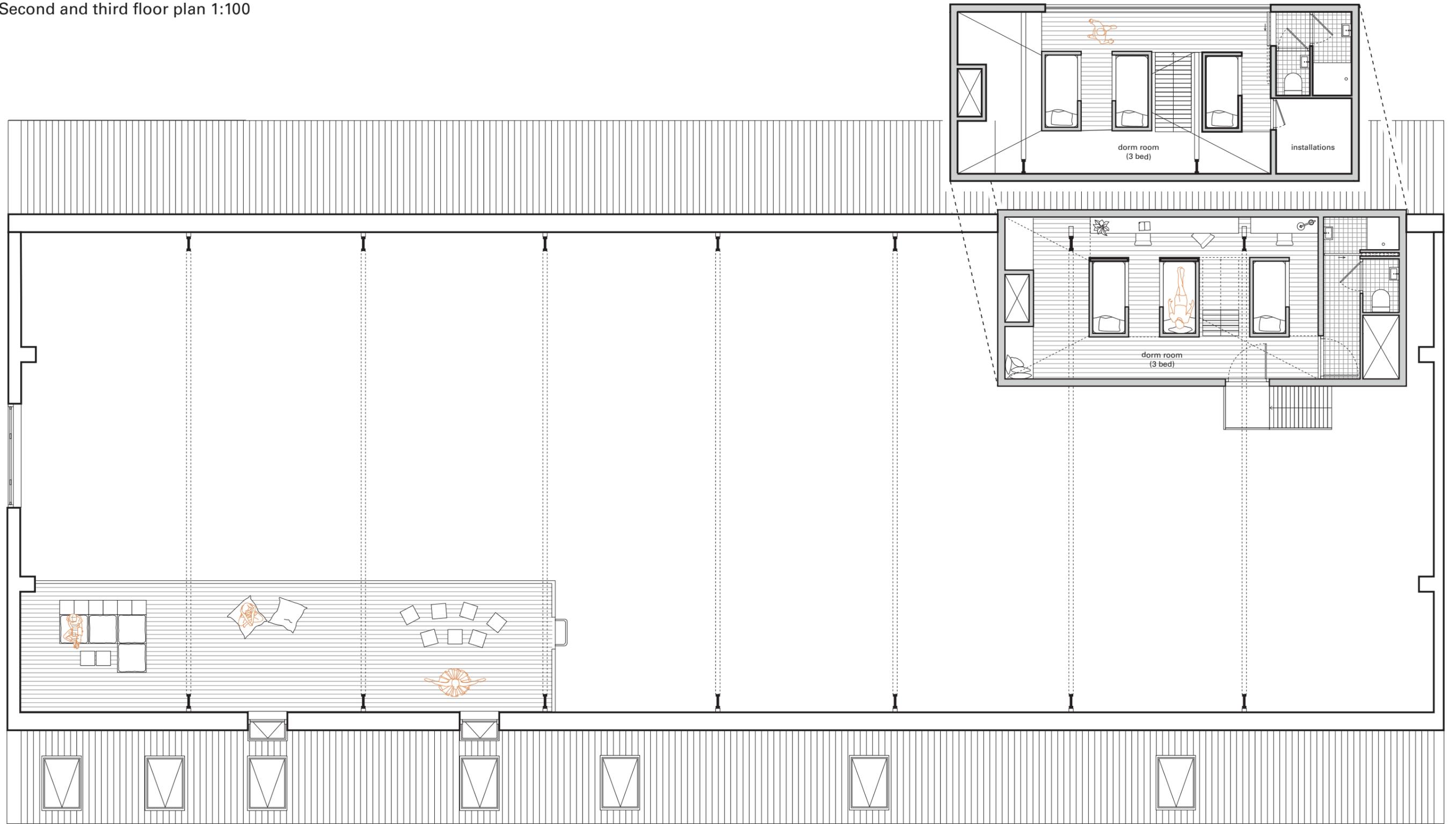


Ground floor plan 1:100



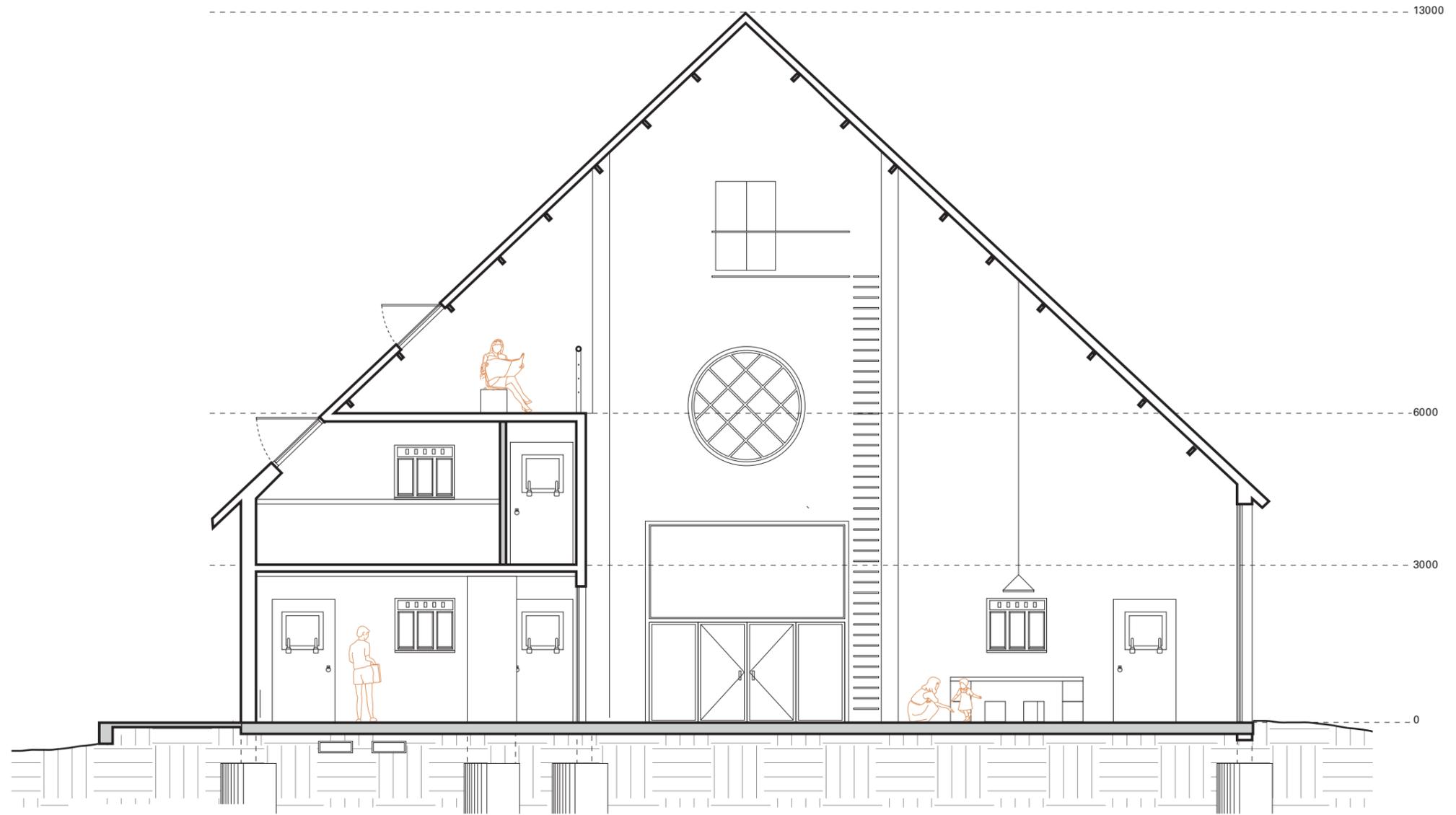


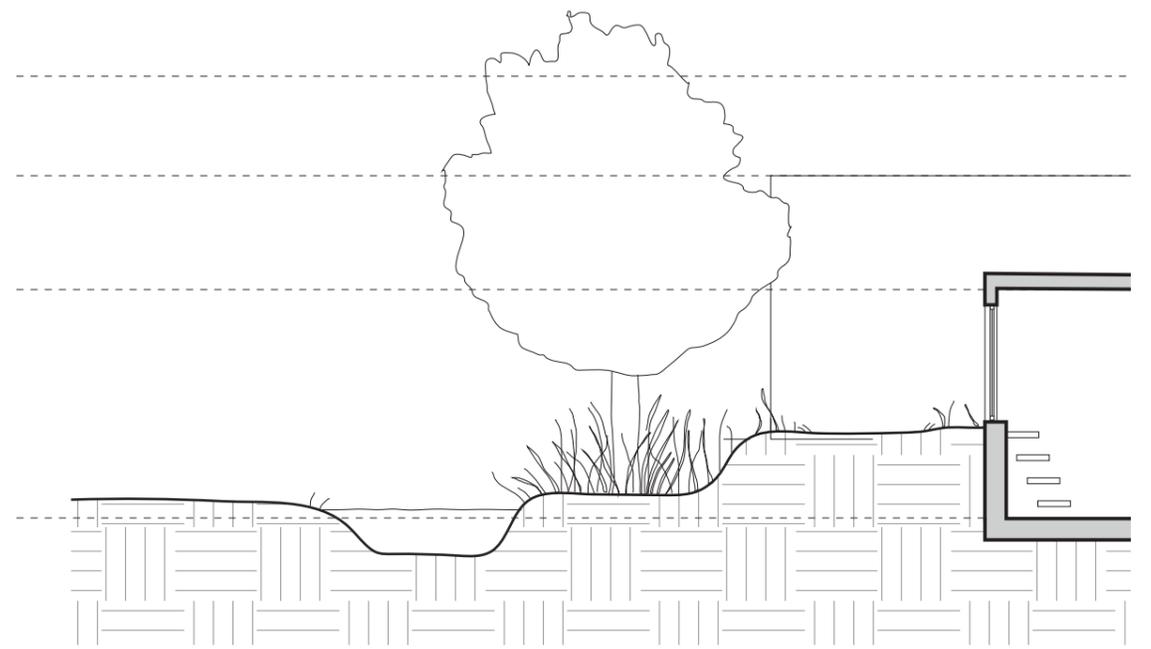
Second and third floor plan 1:100



↑ N

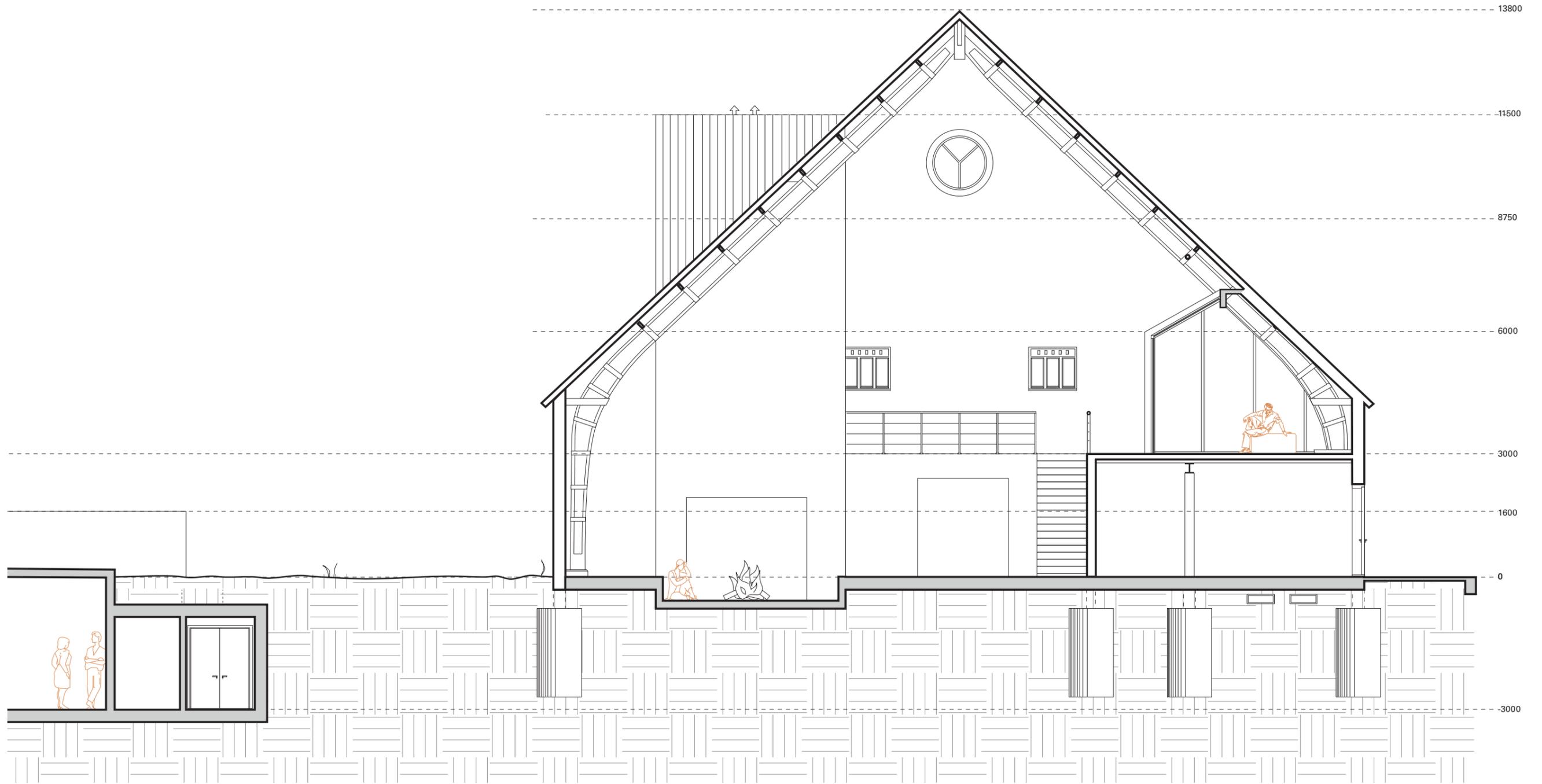
Section AA' 1:100





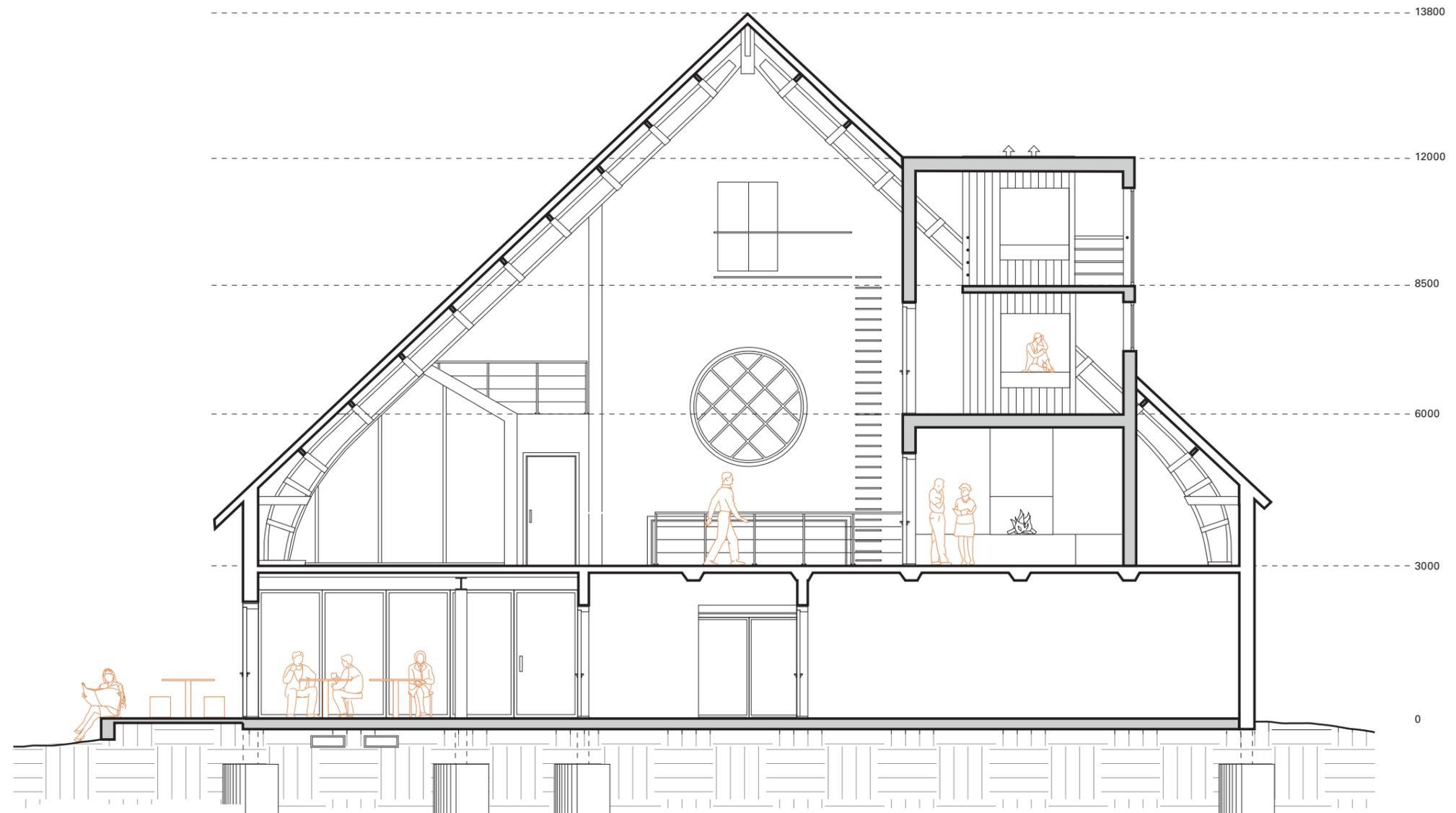
Section BB'

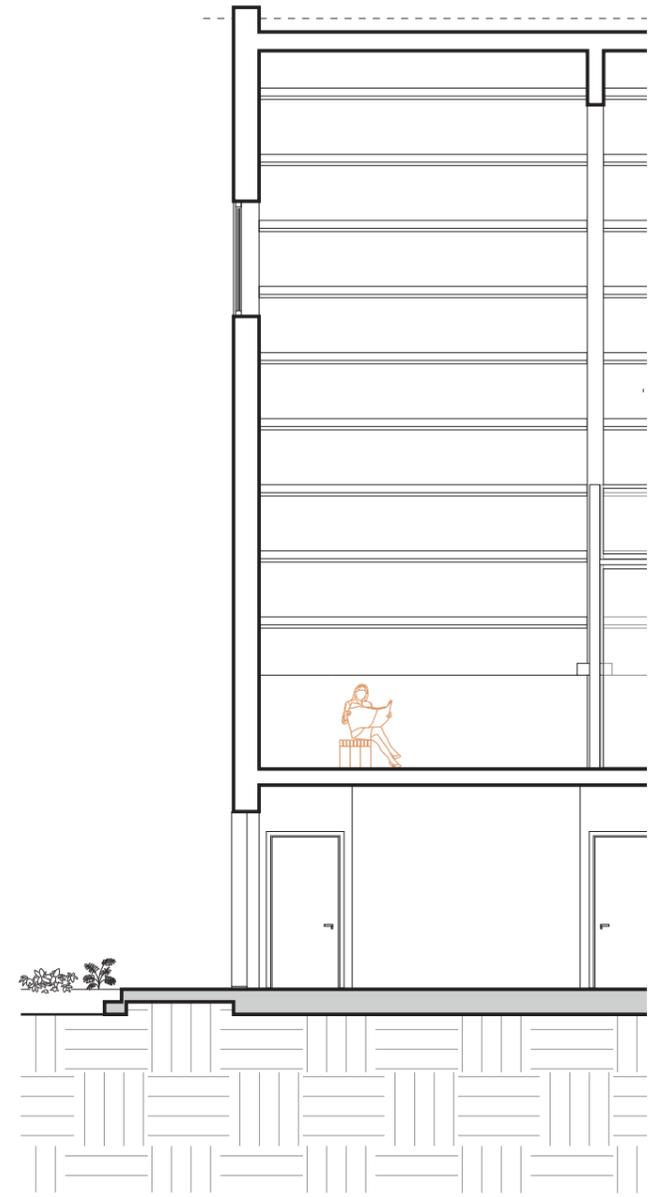
Section BB' 1:100



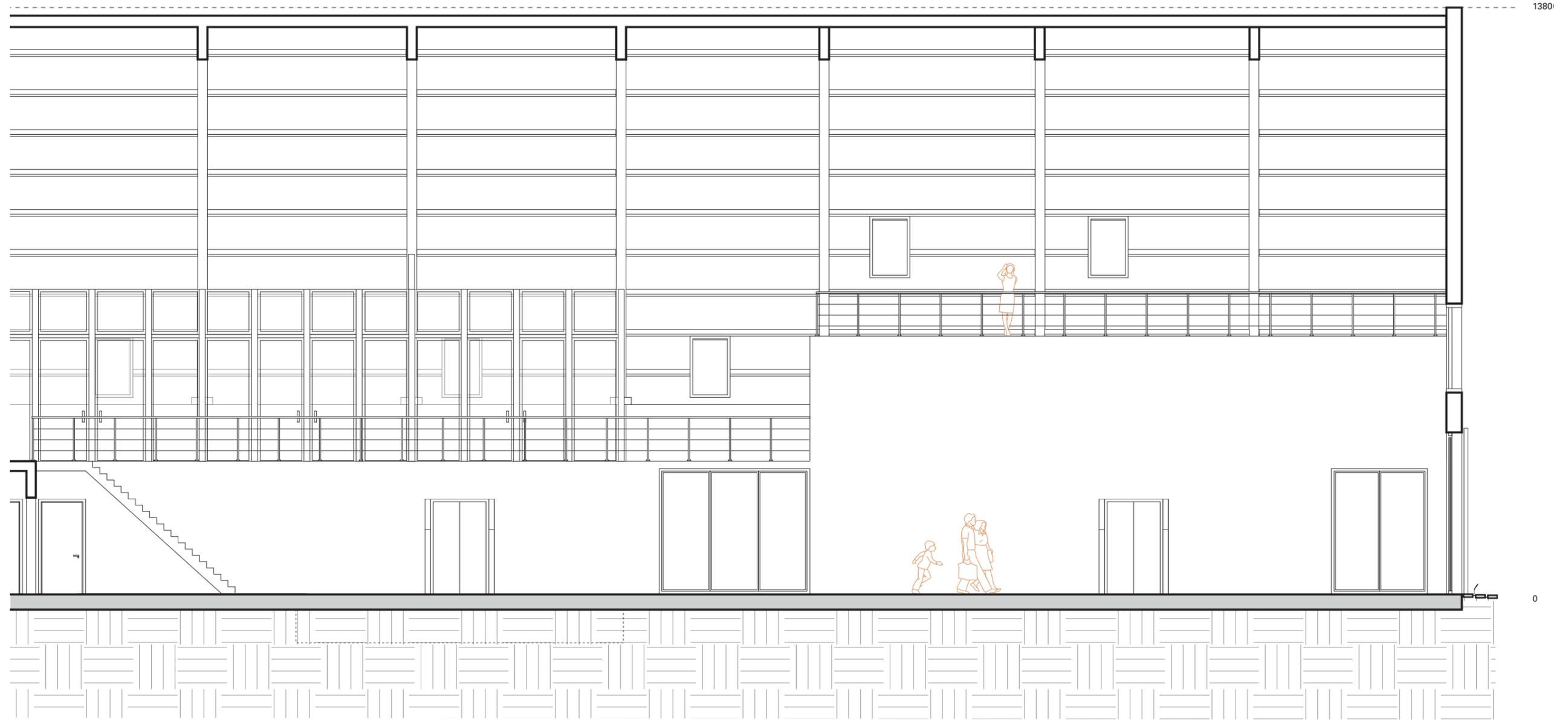
1:100

Section CC' 1:100



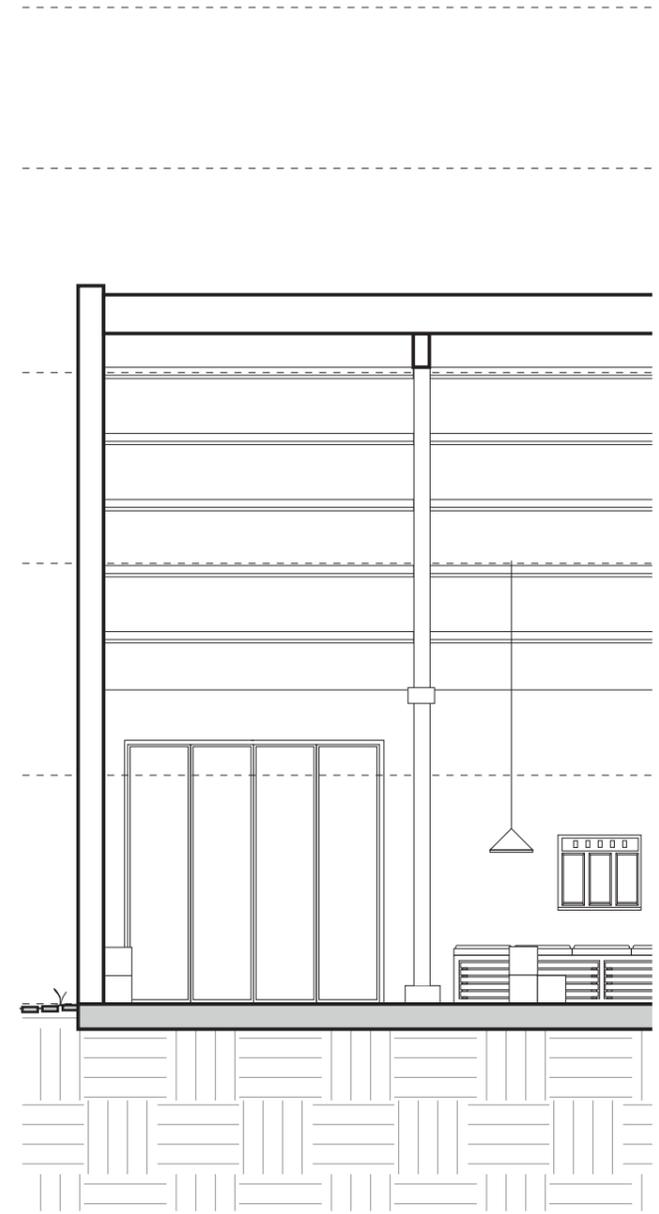


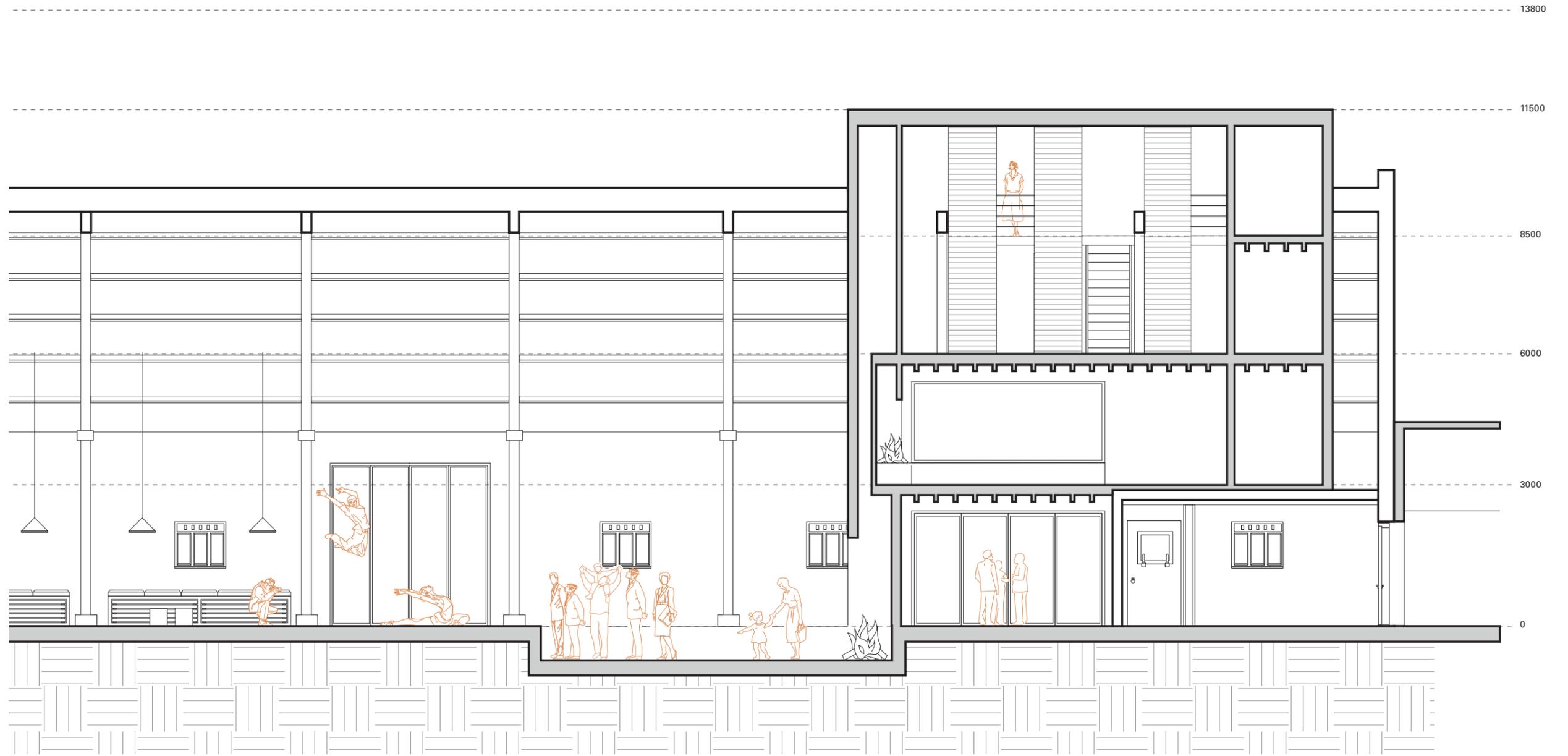
Section DD' 1:100



1380

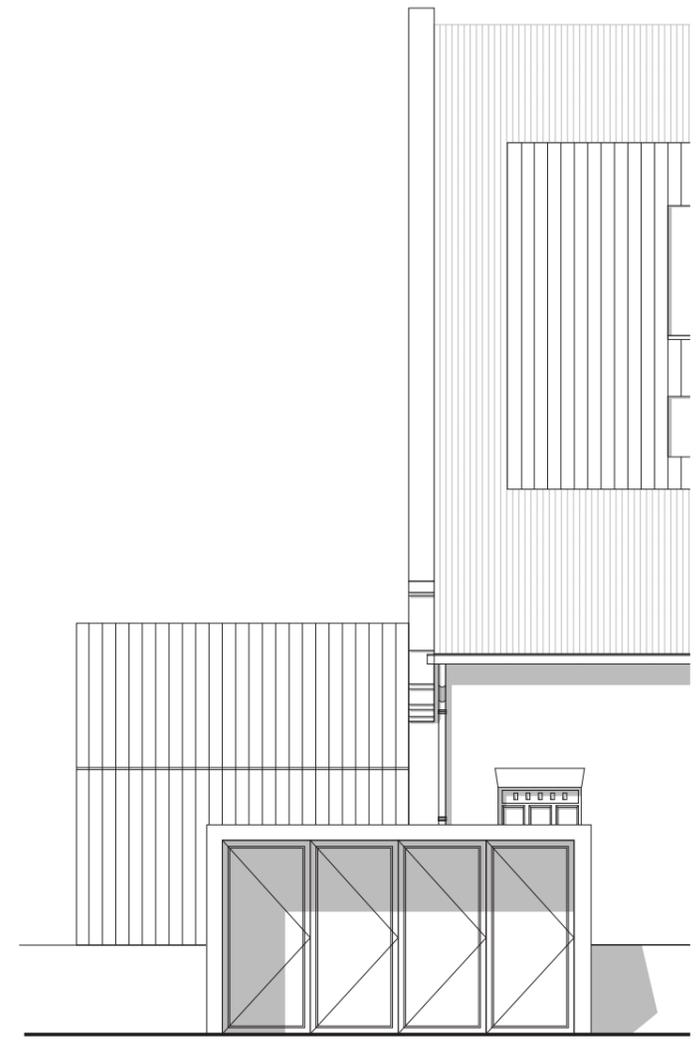
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South elevation 1:100





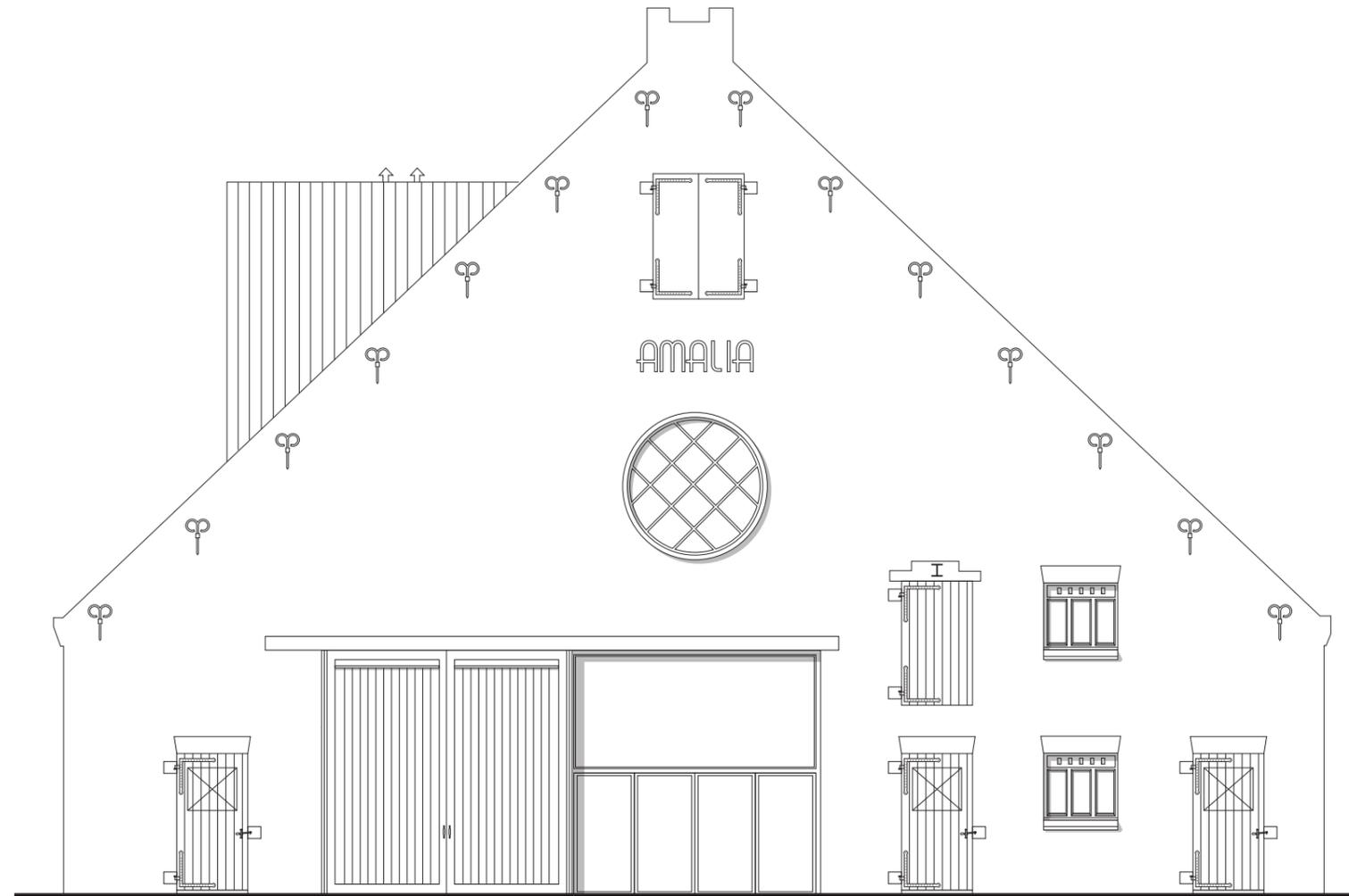
North facade

North elevation 1:100

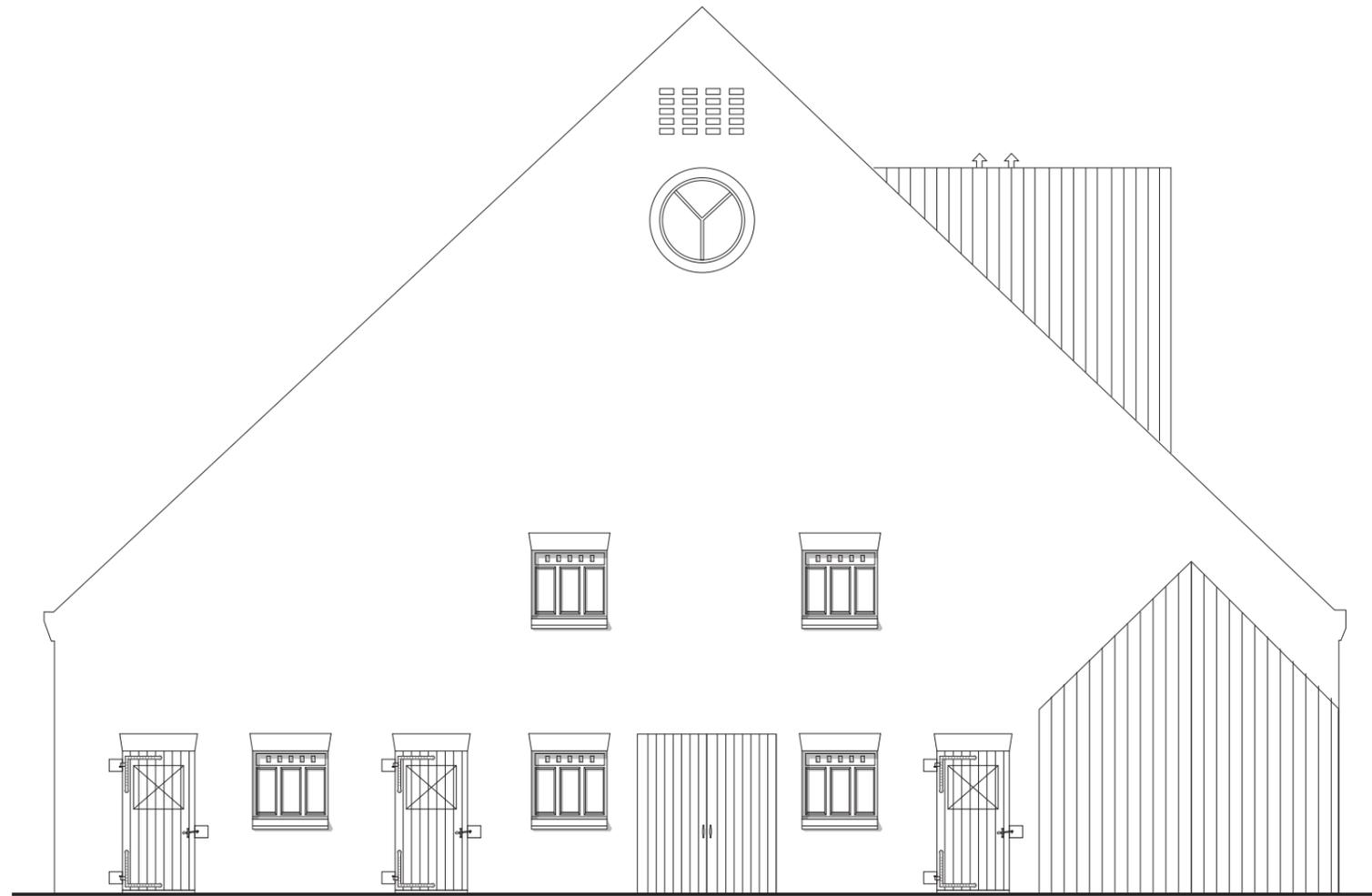


1:100

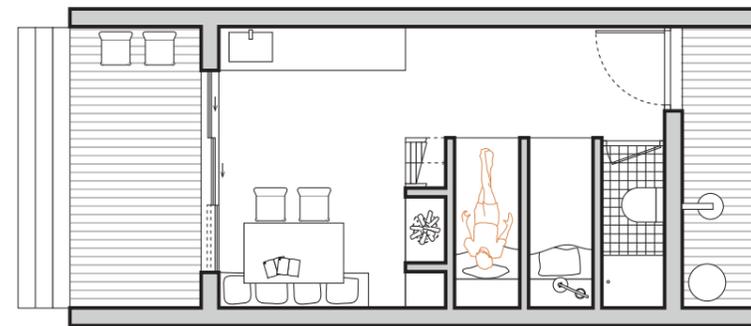
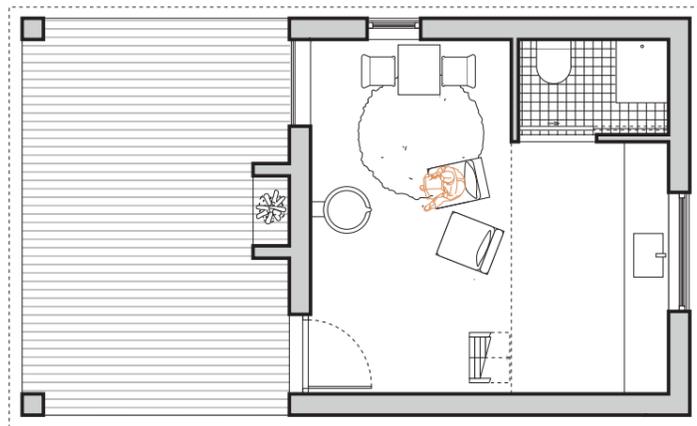
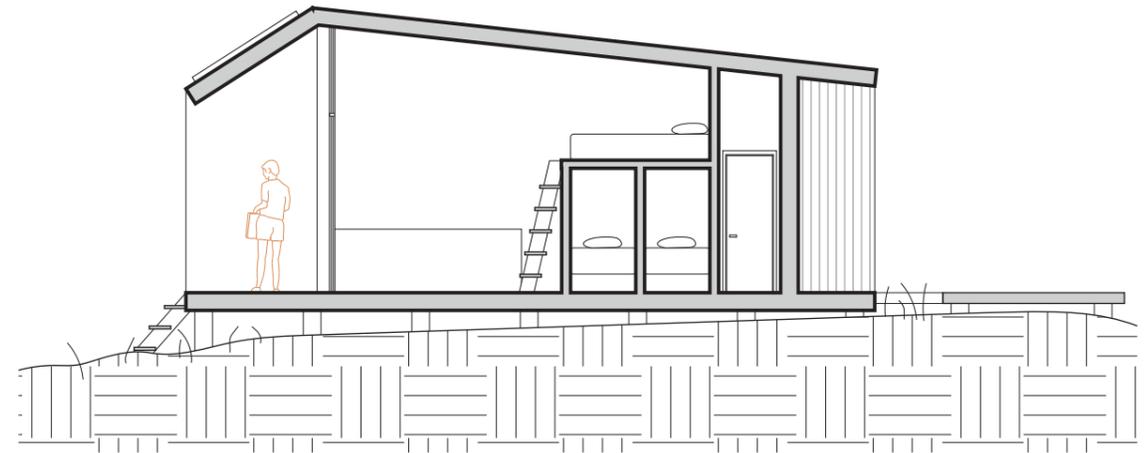
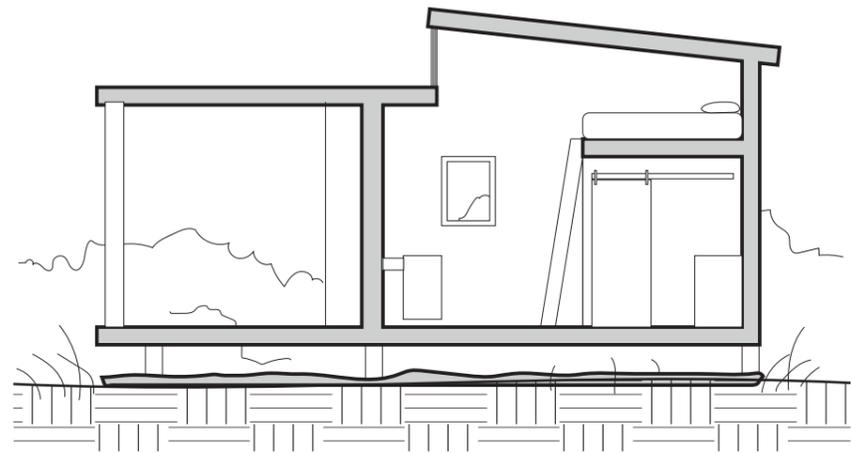
West elevation 1:100



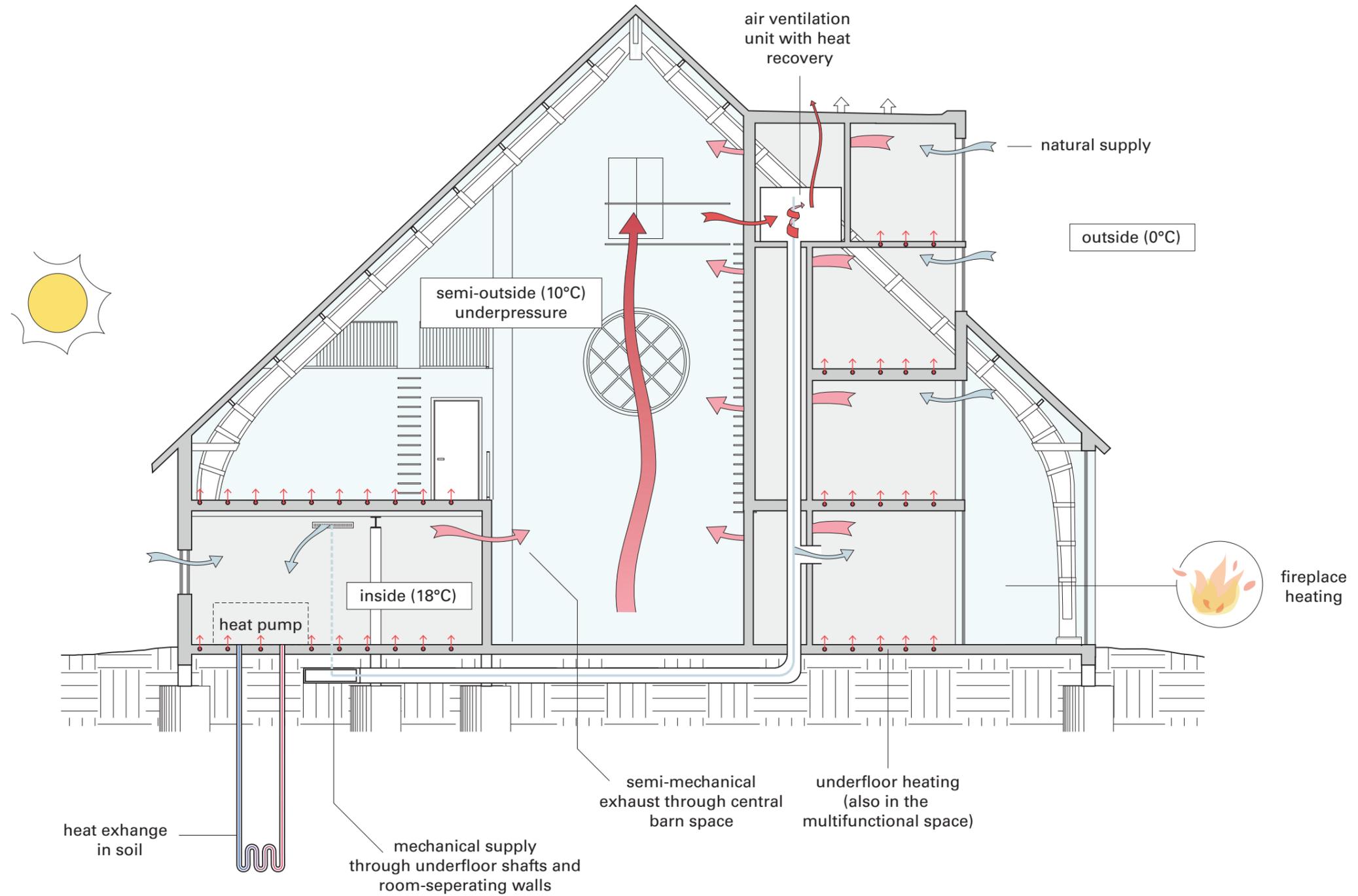
East elevation 1:100



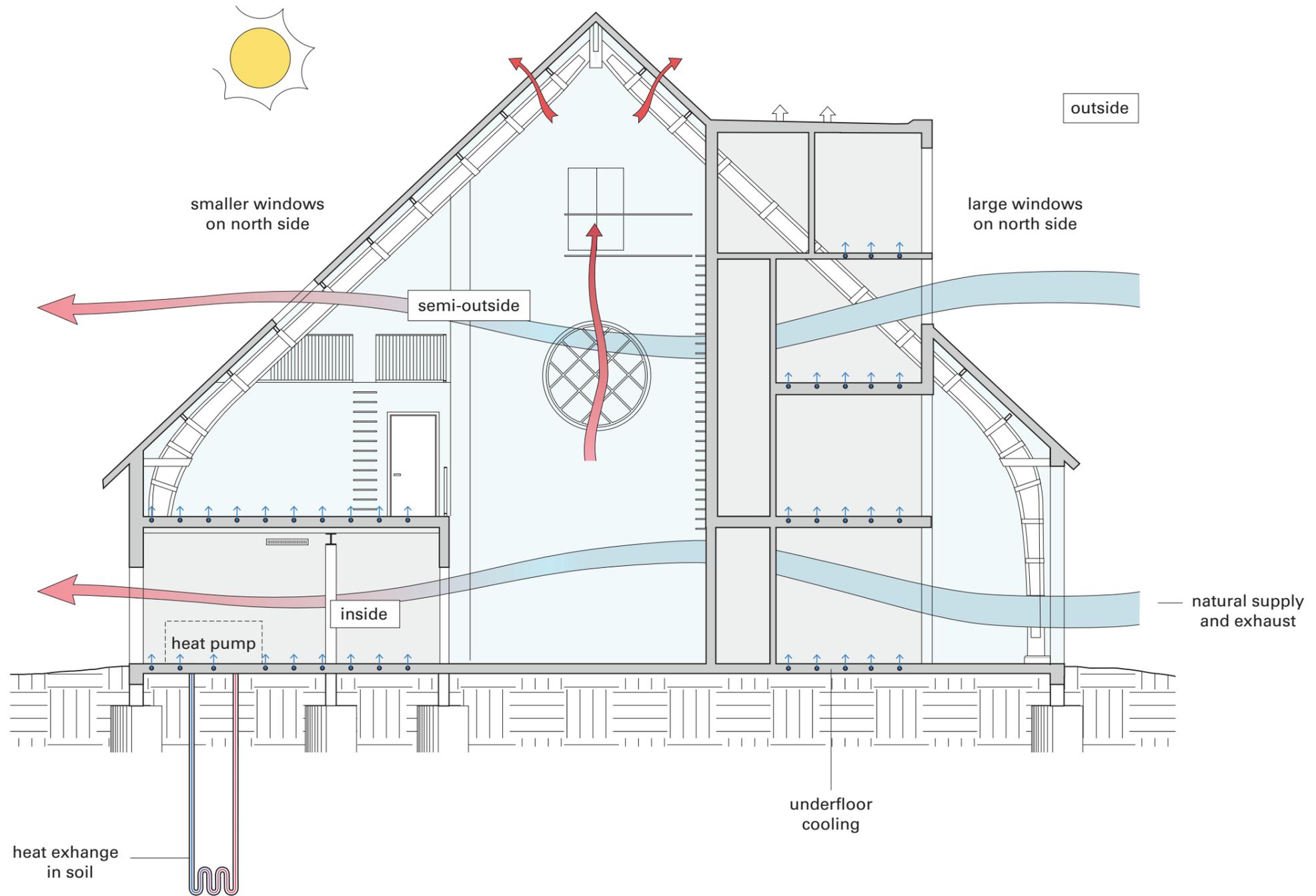
Sections and plans vriendkamer (left) and wielkamer (right) 1:100



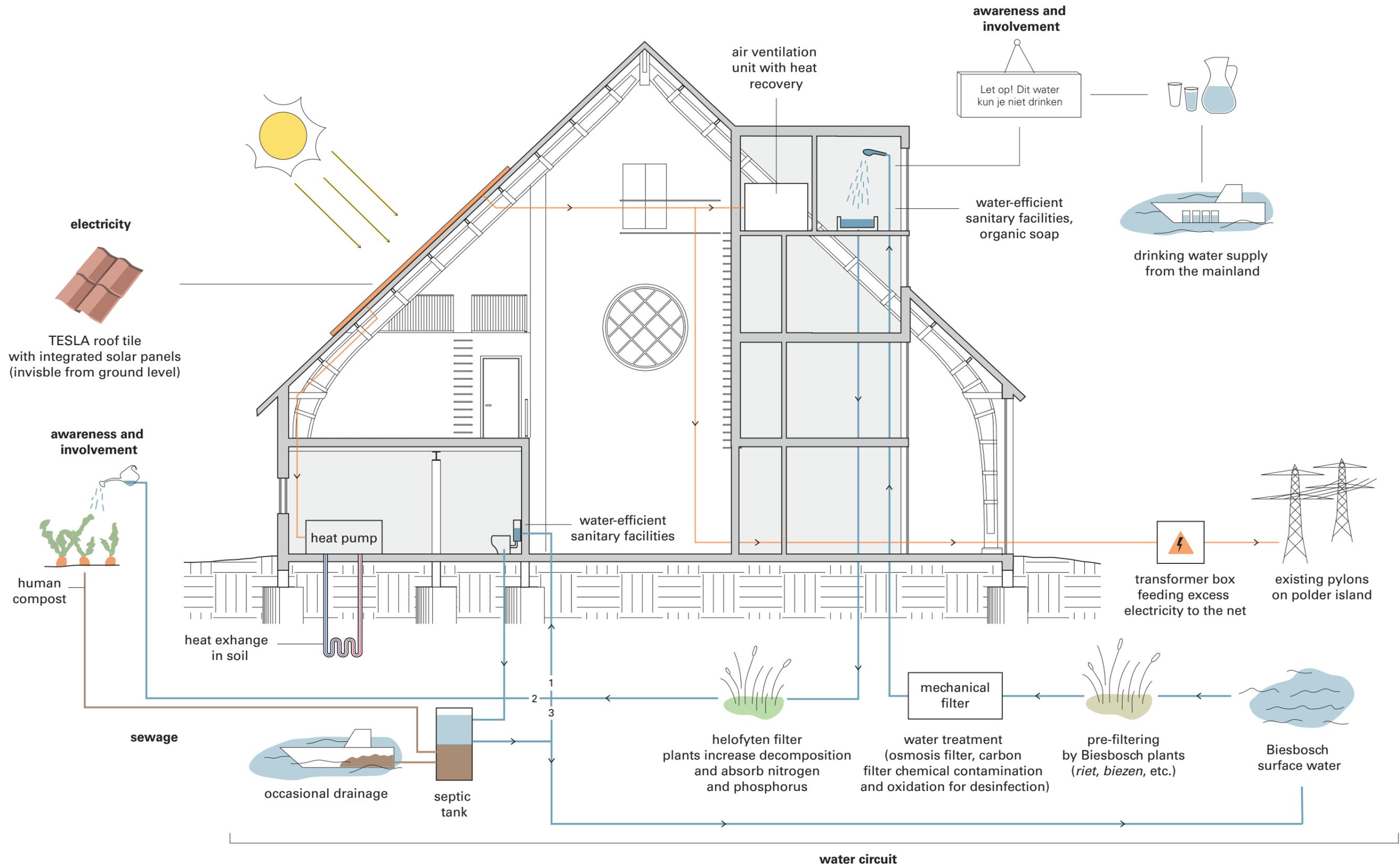
Climate design (winter)

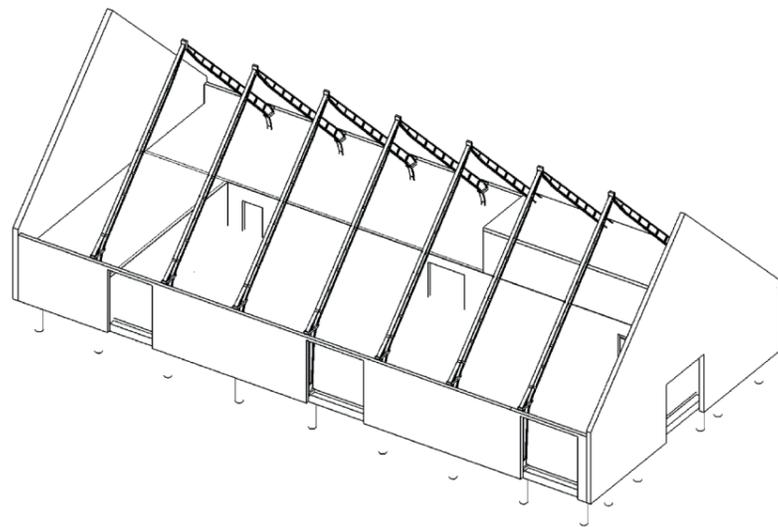


Climate design (summer)



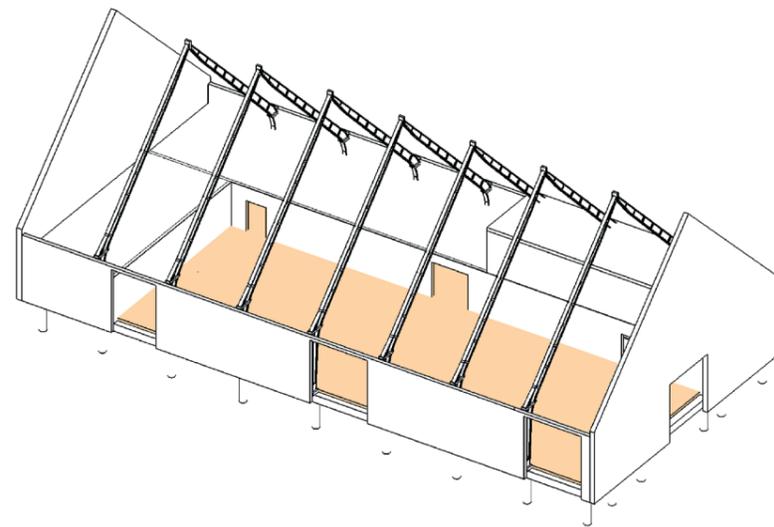
Off-grid concept





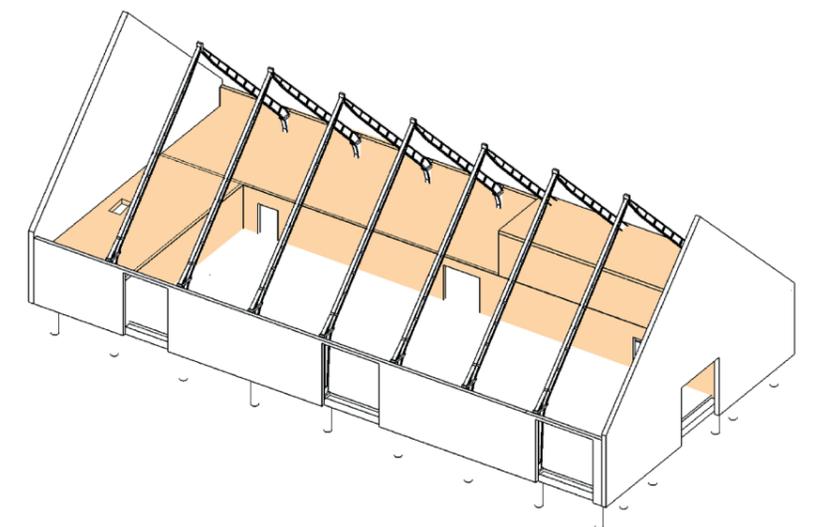
Existing situation

Facade and timber-laminated rafters rest on foundation, concrete floor rests on sand body of the dike. Stable walls are part of the load-bearing construction and support half of the timber-laminated rafters and roof.



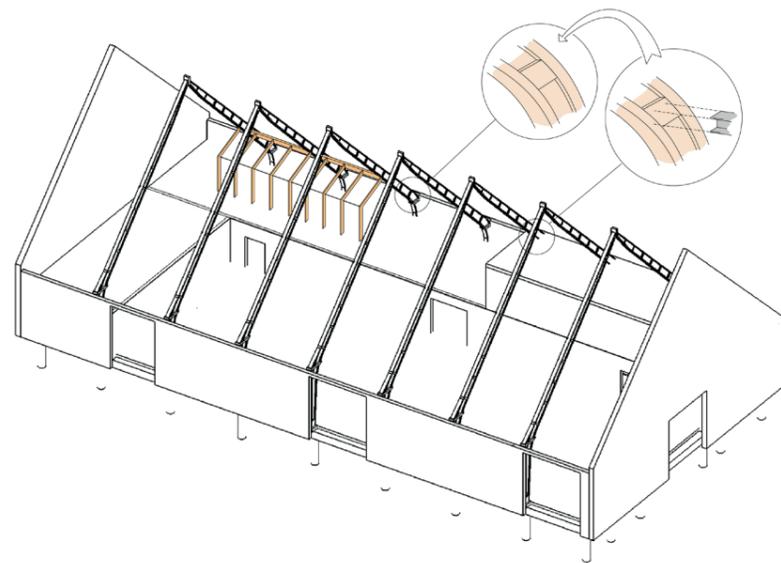
New floor

A new floor of brick is laid, supported by a new deck of sand, partly to solve small sagging issues, partly to allow for installations, pipes and shafts to be installed underneath the floor.



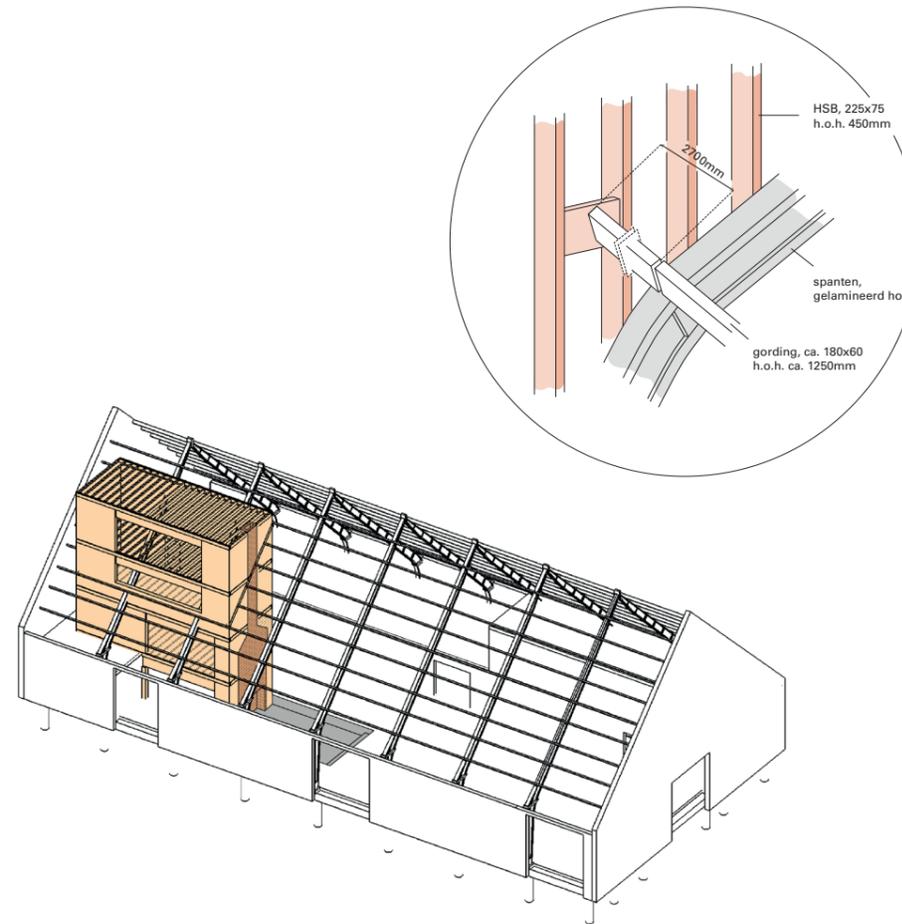
Insulate stable walls and floors

To create a comfortable climate inside, the stable floors and walls are insulated. The cavity in the facades are also insulated. Near the foundation, a koudebrug is prevented by installing a thermal break of foam glass.



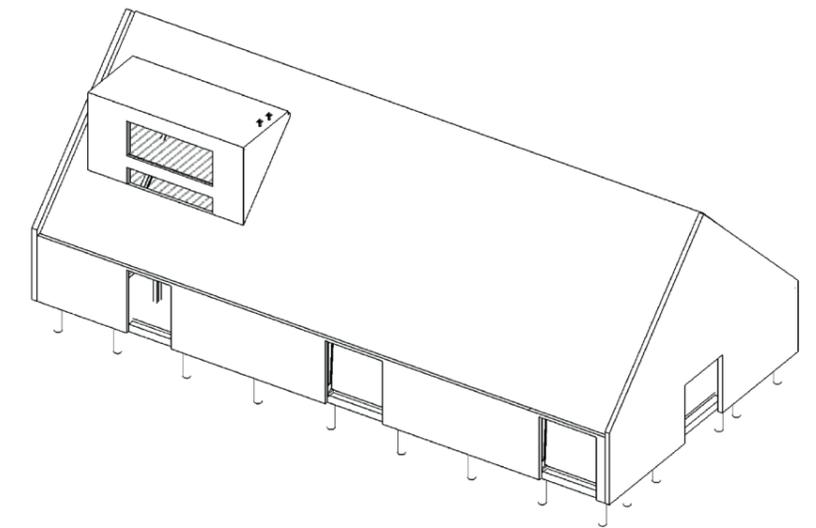
Glass room

The construction of the glass room on top of the stables works in a similar way as the construction of the existing *graanberging* space. A wooden beam is placed between the rafters of the roof, which in turn supports the wooden construction of the glass room.



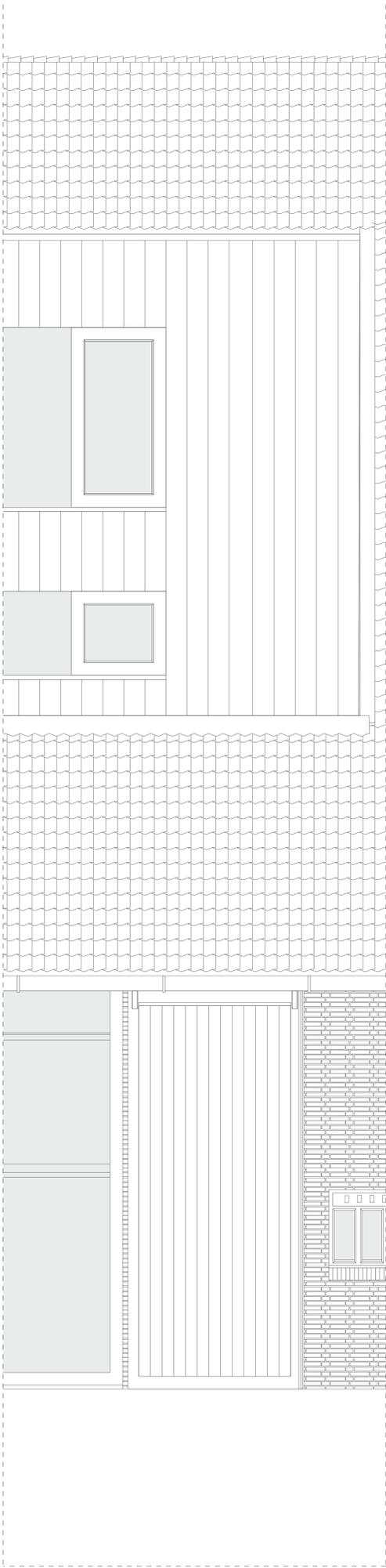
New volume

The new volume is constructed with timber, mostly because of its easy use and reversability. The new volume stands on its own, apart from where the *gordingen* of the existing roof are fastened to the construction to carry parts of the roof.

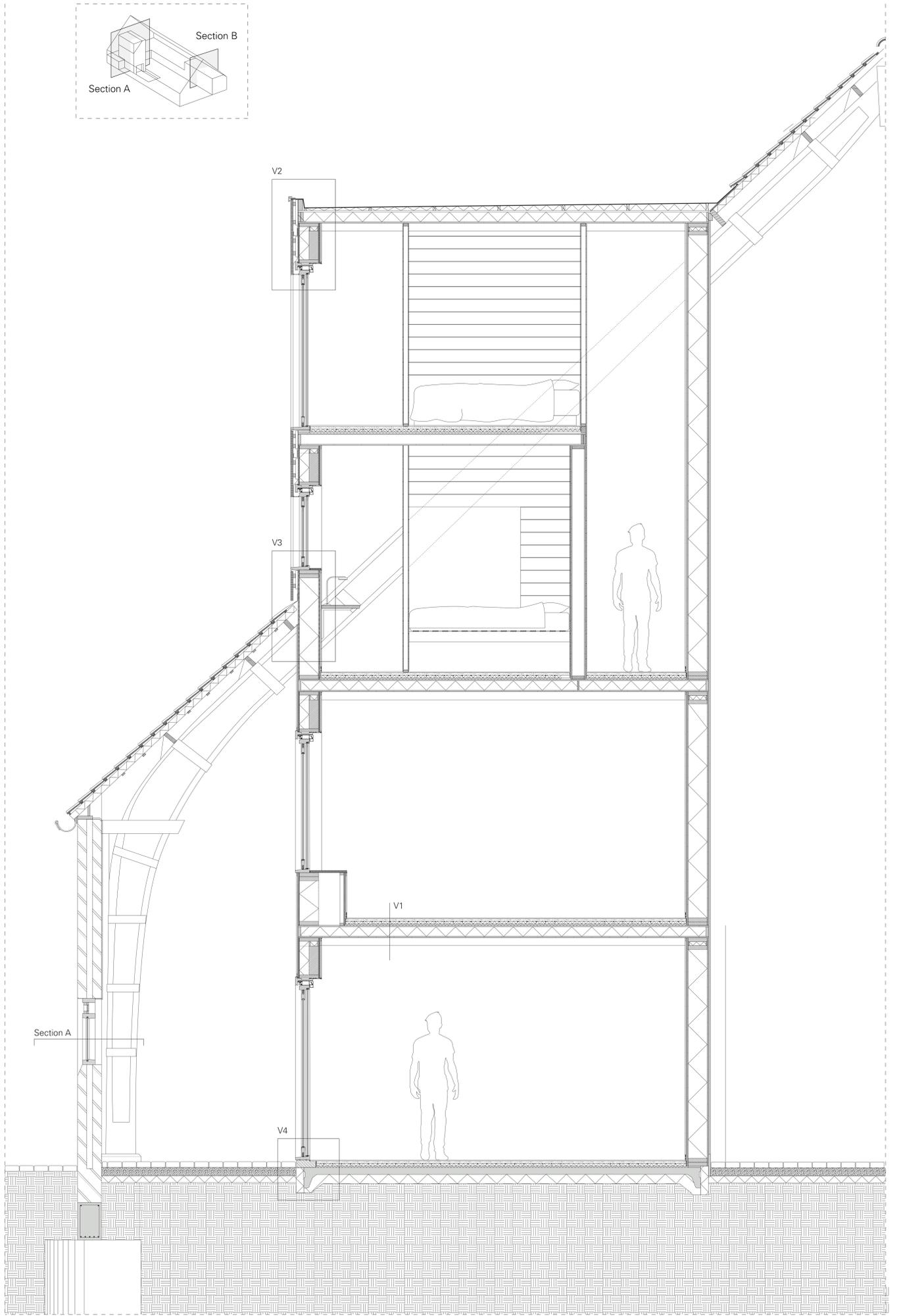


Finishing

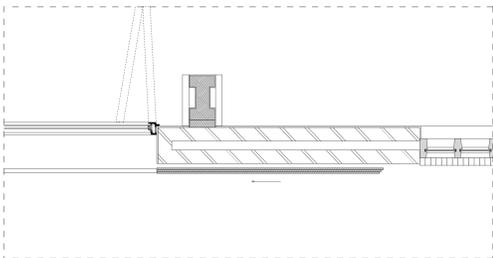
The new volume is clad in wooden slats on the outside and natural plaster on the interior.



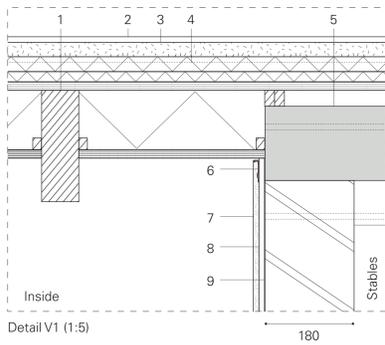
Elevation (1:20)



Vertical section A (1:20)

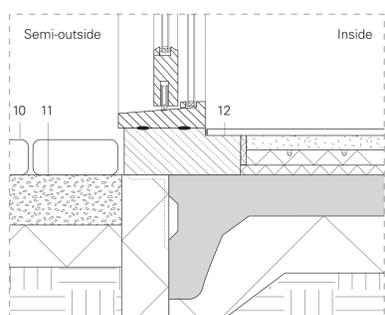


Horizontal section A (1:20)

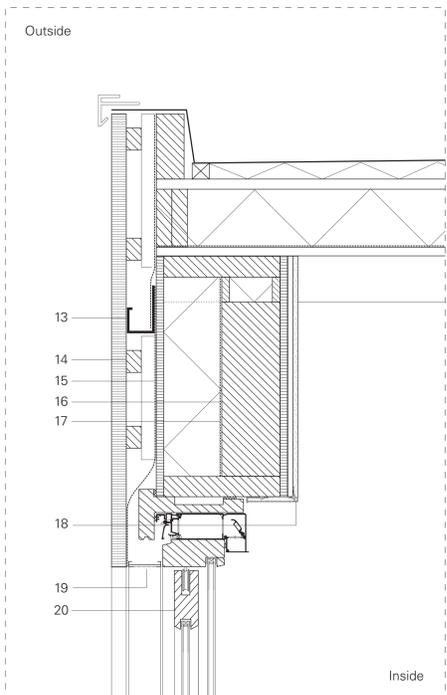


Detail V1 (1:5)

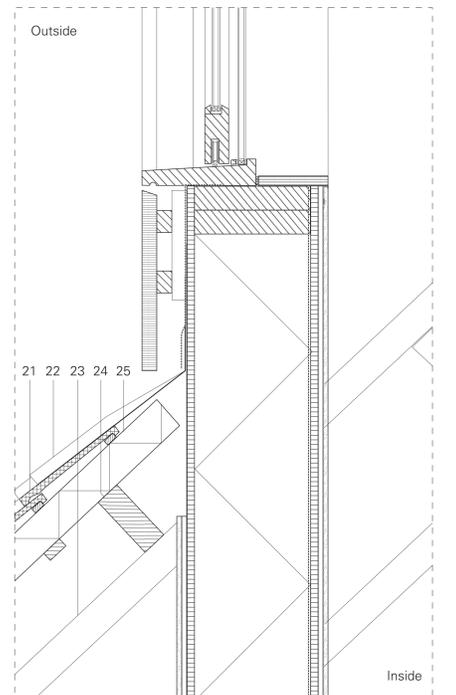
- | | |
|---|-----------------------------------|
| 1: grenen vloerbalk (225 x 75) | 15: waterkerende folie |
| 2: vloerafwerking (houten planken) | 16: dampremmende folie |
| 3: chape (30) | 17: houten ligger (3500 x 1100) |
| 4: isolatie met vloerverwarming (30) | 18: stuchoeknaald |
| 5: bestaande gewapende betonvloerv(15) | 19: geperforeerd aluminium paneel |
| 6: stucstop | 20: schuifraam |
| 7: leemstuc | 21: bestaande panden |
| 8: gipsplaat | 22: loodslabbe |
| 9: bestaande baksteenwand | 23: spanten |
| 10: klinkers | 24: gording |
| 11: zandlaag | 25: sporen met isolatielaag riet |
| 12: kunststeen dorpel | |
| 13: watergoot | |
| 14: eikenhouten planken (200 breed) met vergrijsd patina op stijlen regelwerk | |



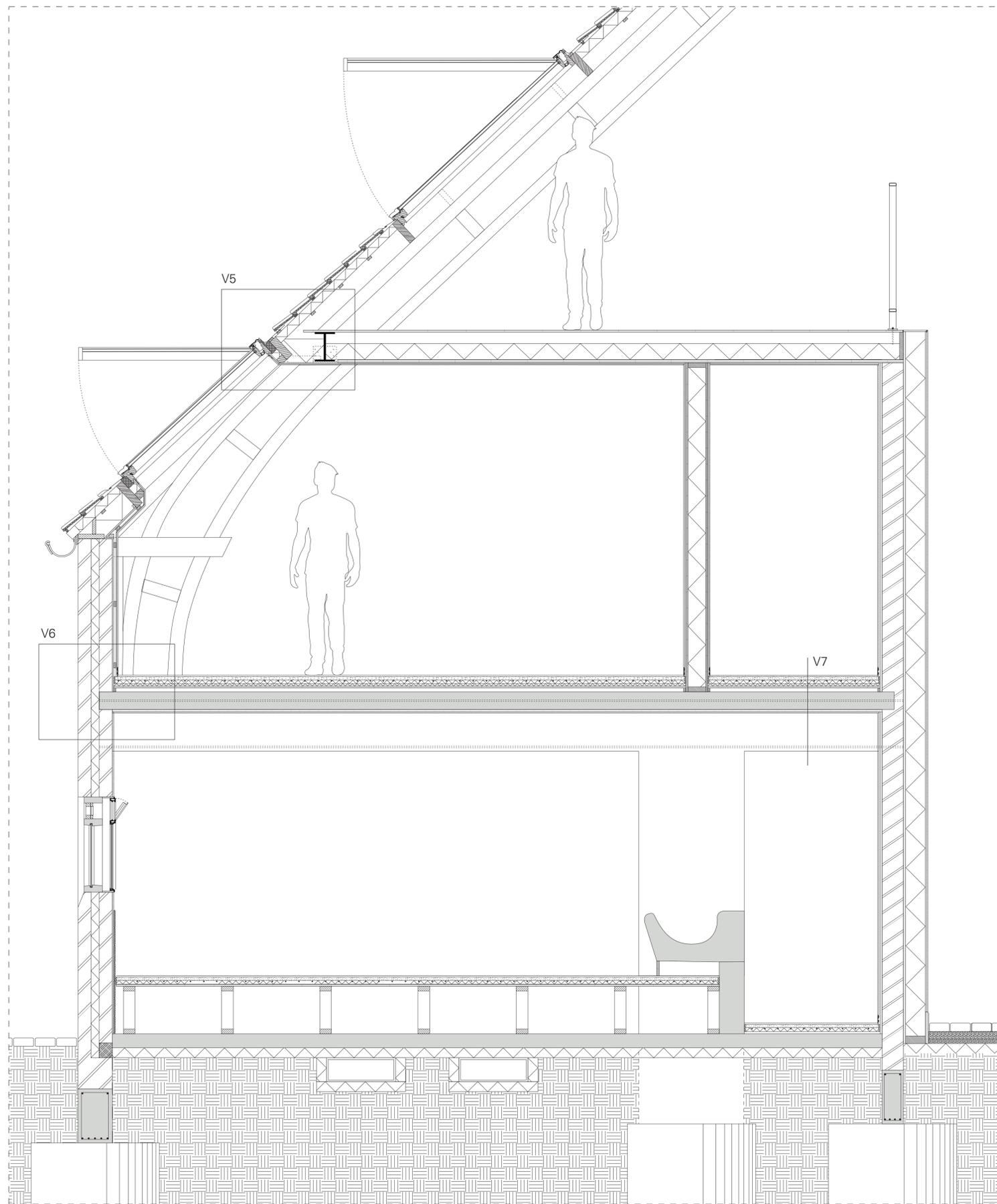
Detail V4 (1:5)



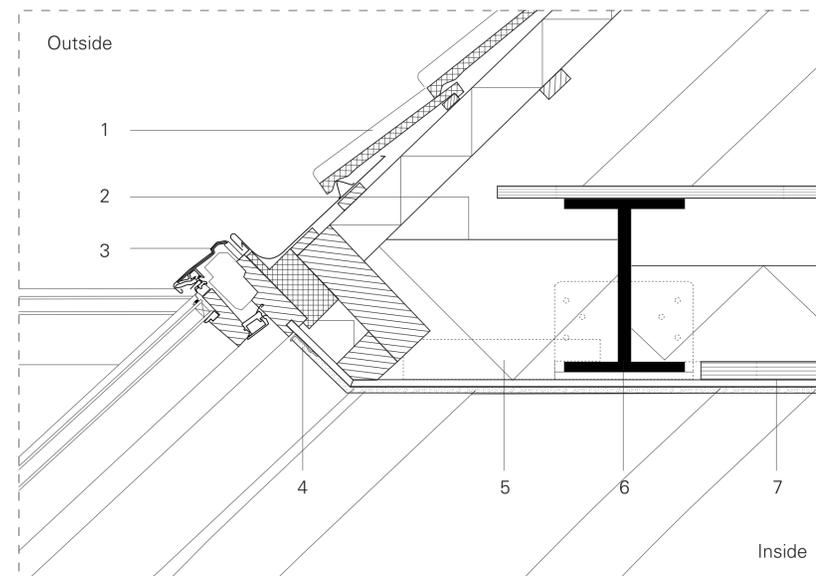
Detail V2 (1:5)



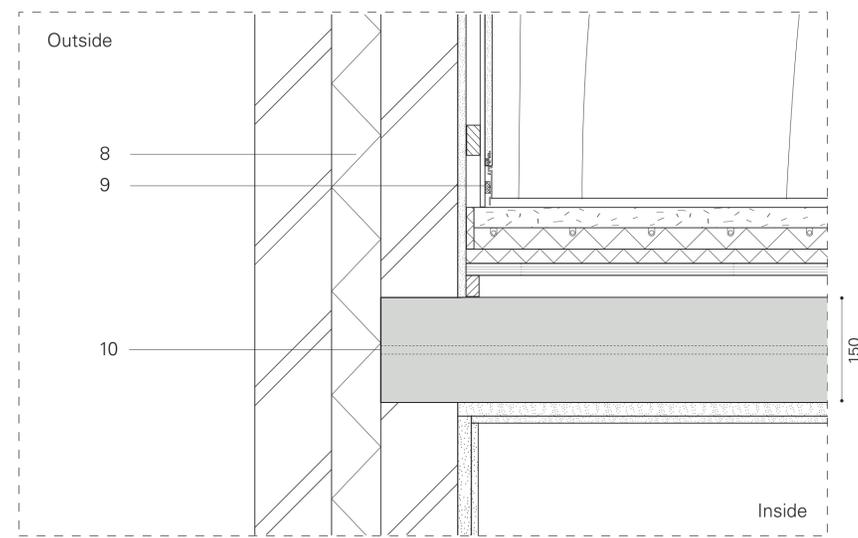
Detail V3 (1:5)



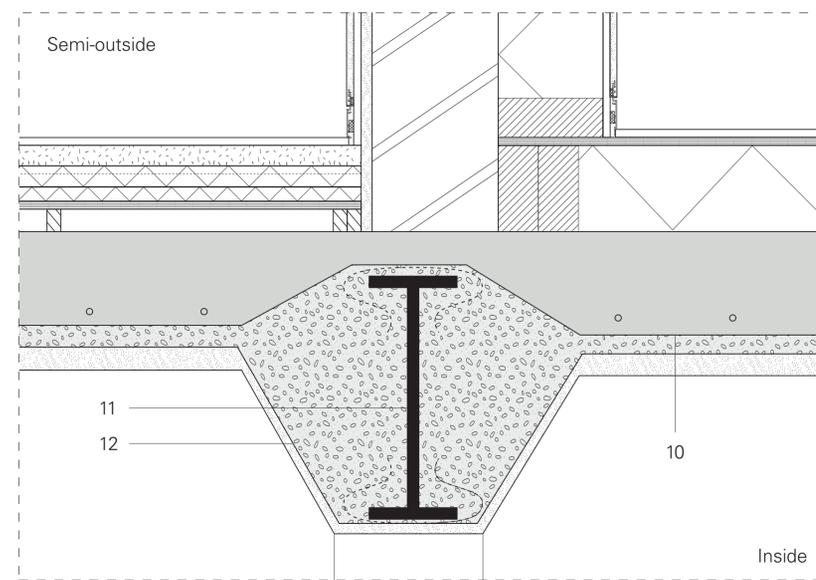
Vertical section B (1:20)



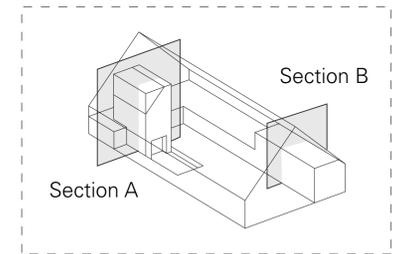
Detail V5 (1:5)



Detail V6 (1:5)



Detail V7 (1:5)



- 1: Bestaande pannen op sporen met daartussen isolatielaag van riet
- 2: Nieuwe isolatielaag
- 3: Velux dakraam
- 4: Stucstop
- 5: Keeplat voor bevestiging plafondplaat
- 6: Bestaande i-ligger
- 7: Afwerking bestaande houten vloerbalken
- 8: Ingespoten isolatielaag in bestaande spouw
- 9: Teruggelegde plint
- 10: Bestaande betonnen stalplafond met ingestorte ligger
- 11: Ingestorte ligger met steengas omkleeding (bestaand)
- 12: Bimsbeton (bestaand)