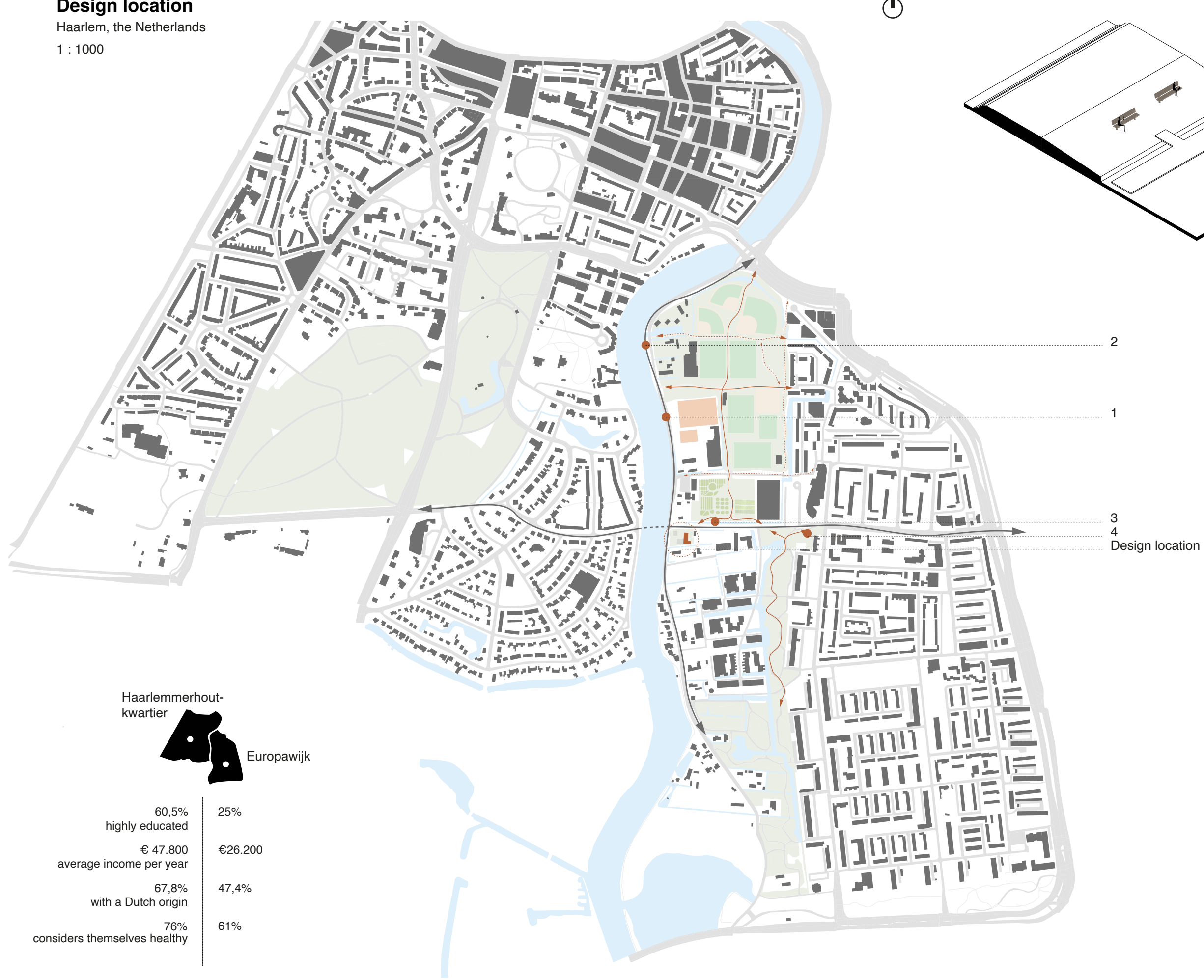


No Man's Land

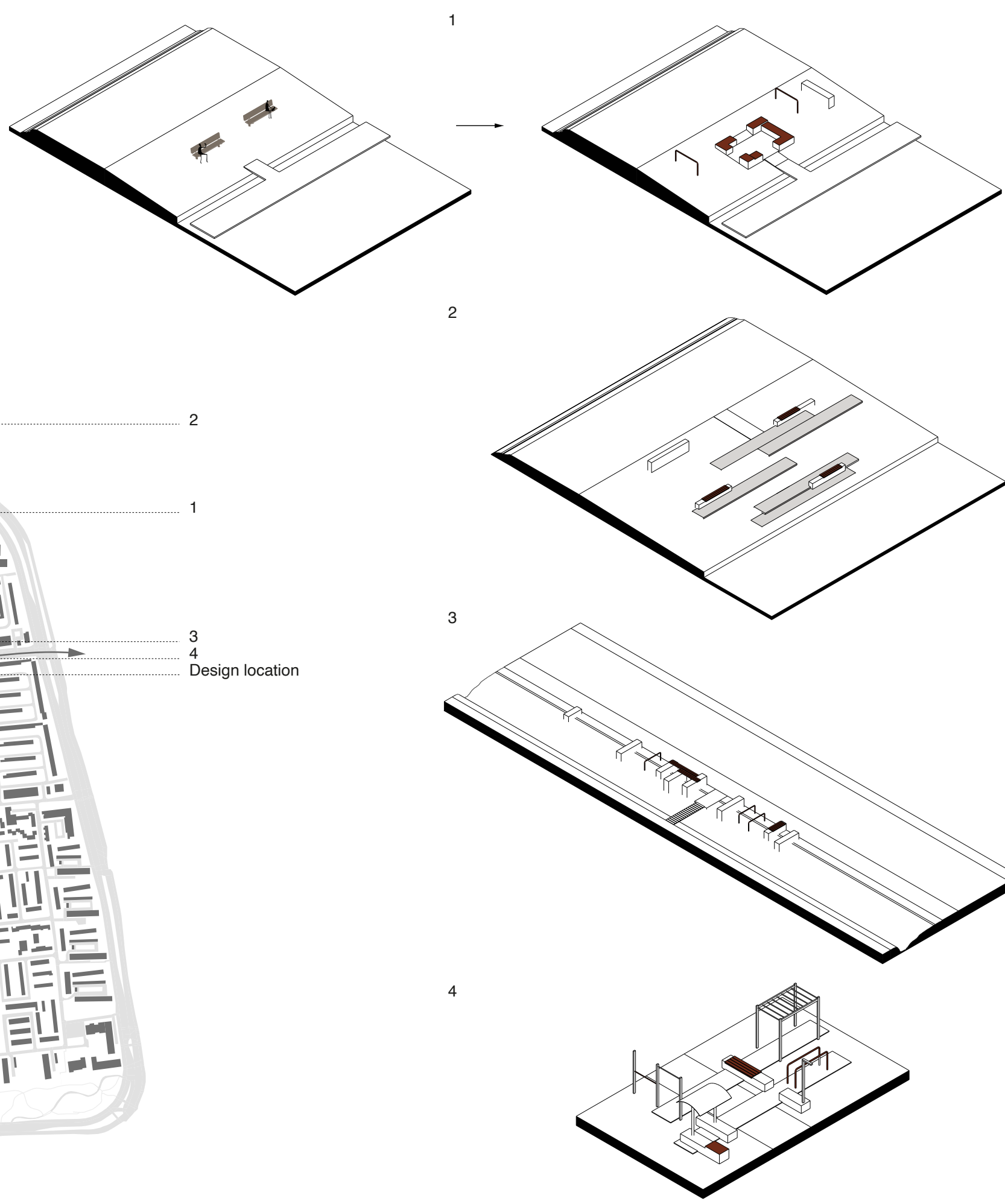
Exploring common ground between two neighbourhoods

Student: Roos de Jong
 Student number: 4161130
 mentor: Roel van der Plas
 Research mentor: Elise van Dooren
 Building technology mentor: Pierre Jennen

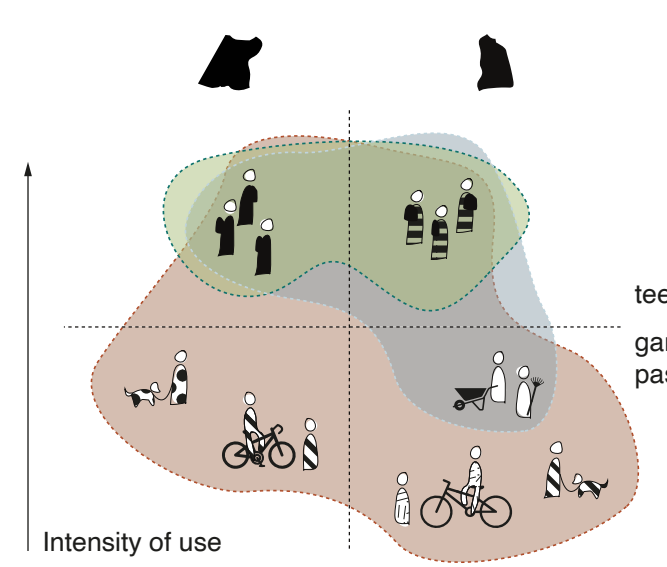
Design location
 Haarlem, the Netherlands
 1:1000



Haarlemmerhoutkwartier	Europawijk
60.5% highly educated	25%
€ 47,200 average income per year	€ 26,200
67.8% with a Dutch origin	47.4%
76% considers themselves healthy	61%

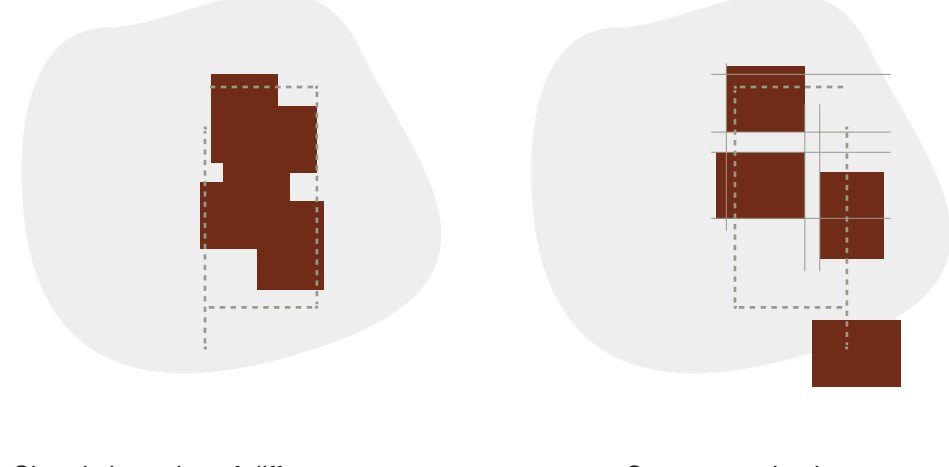


Intended users

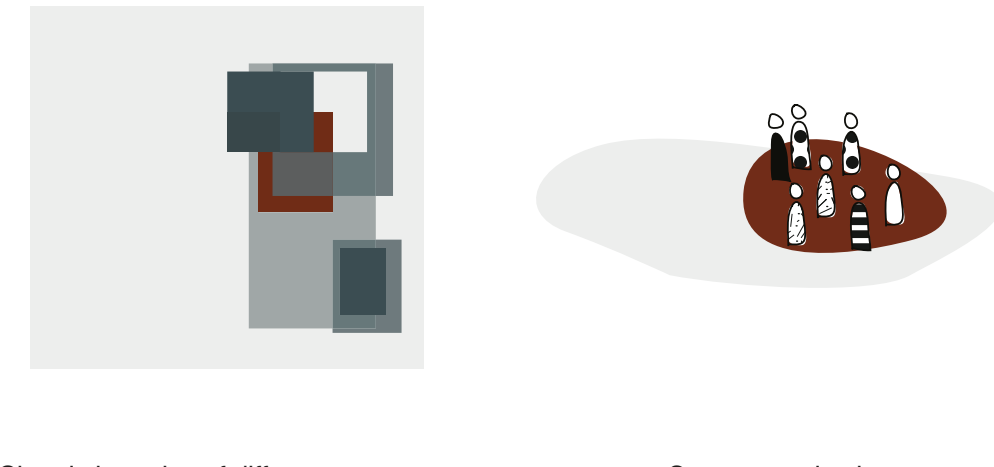


Design themes from research

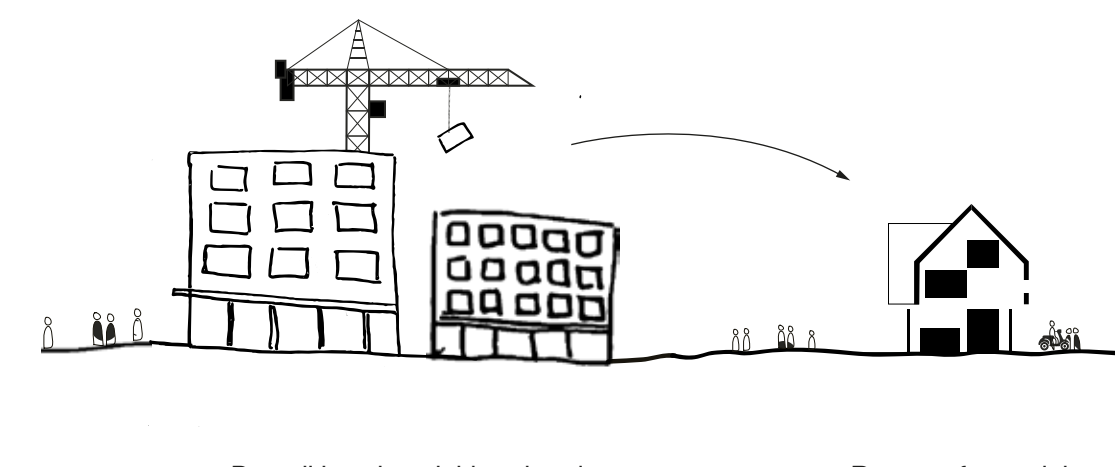
Flexible chaos / Rhythm and organisation



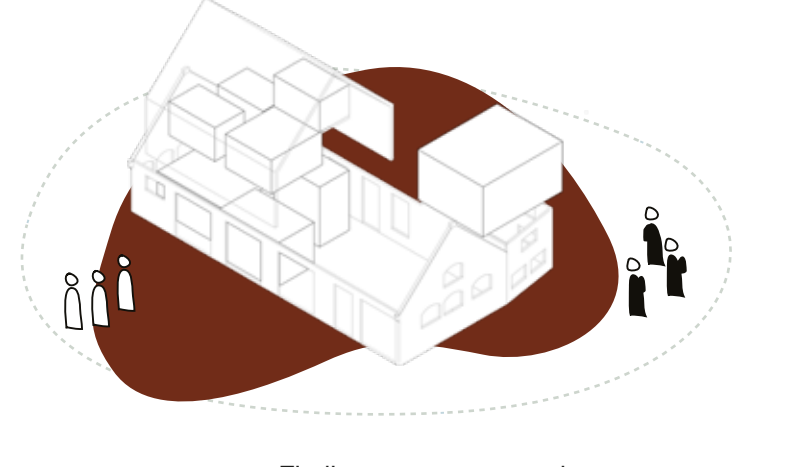
Accessibility / Safety and intimacy



New future / Memories and rituals

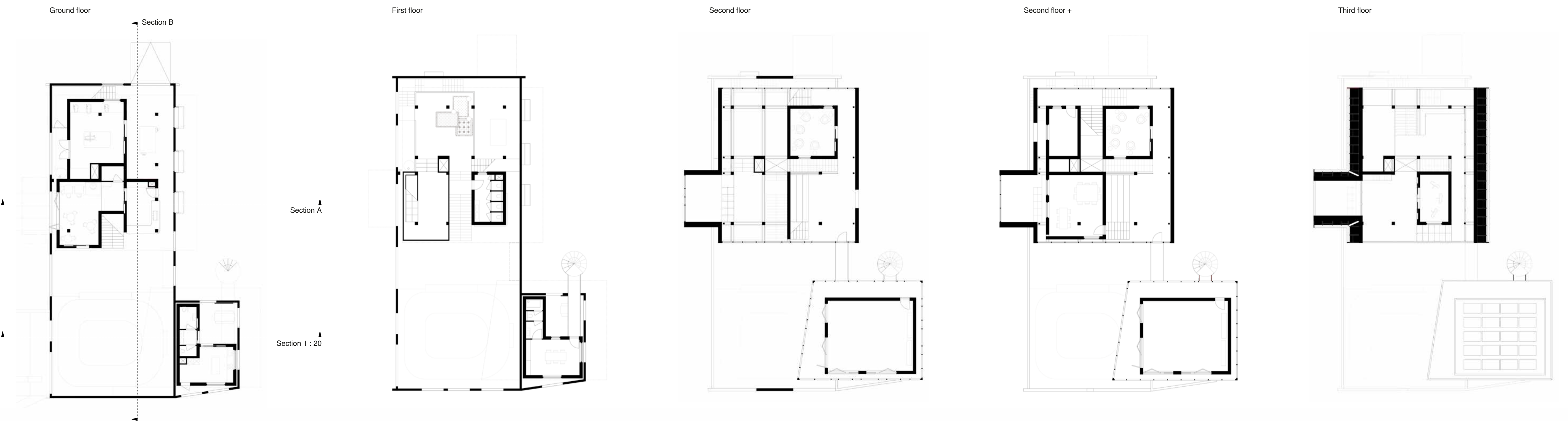


Ownership / No man's land



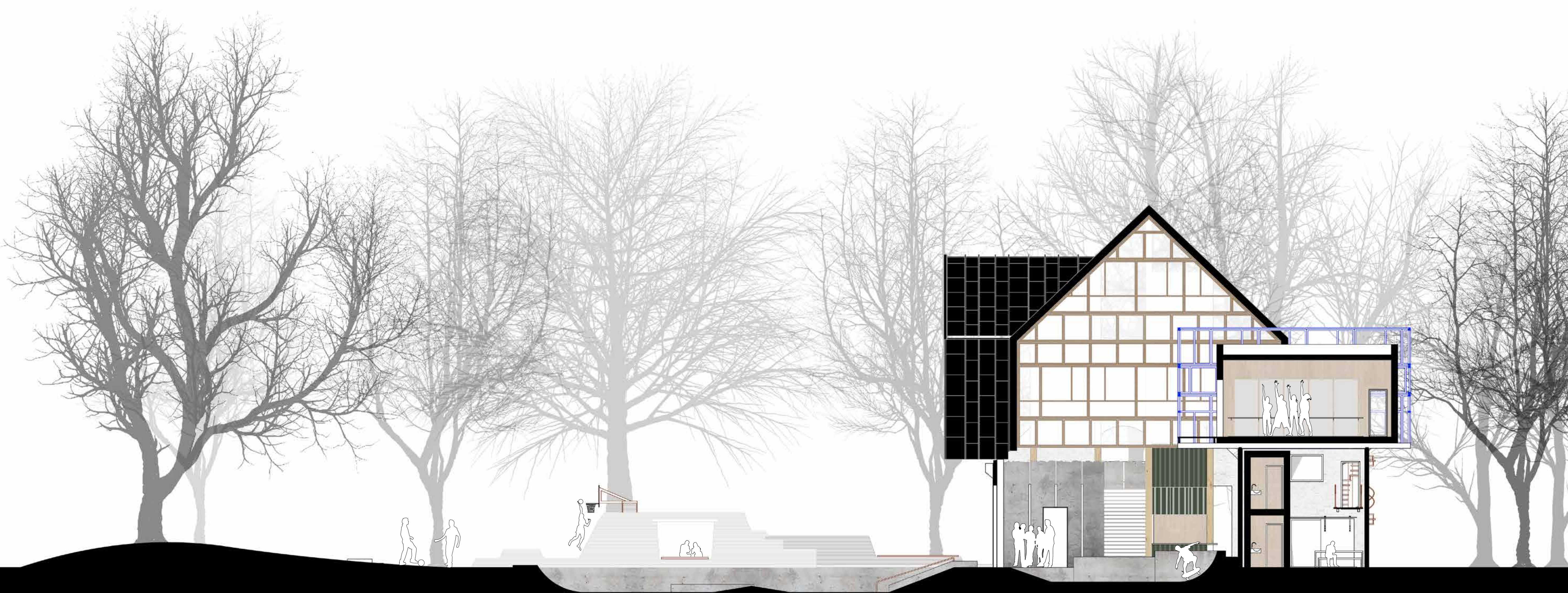
Floor plans

1:200

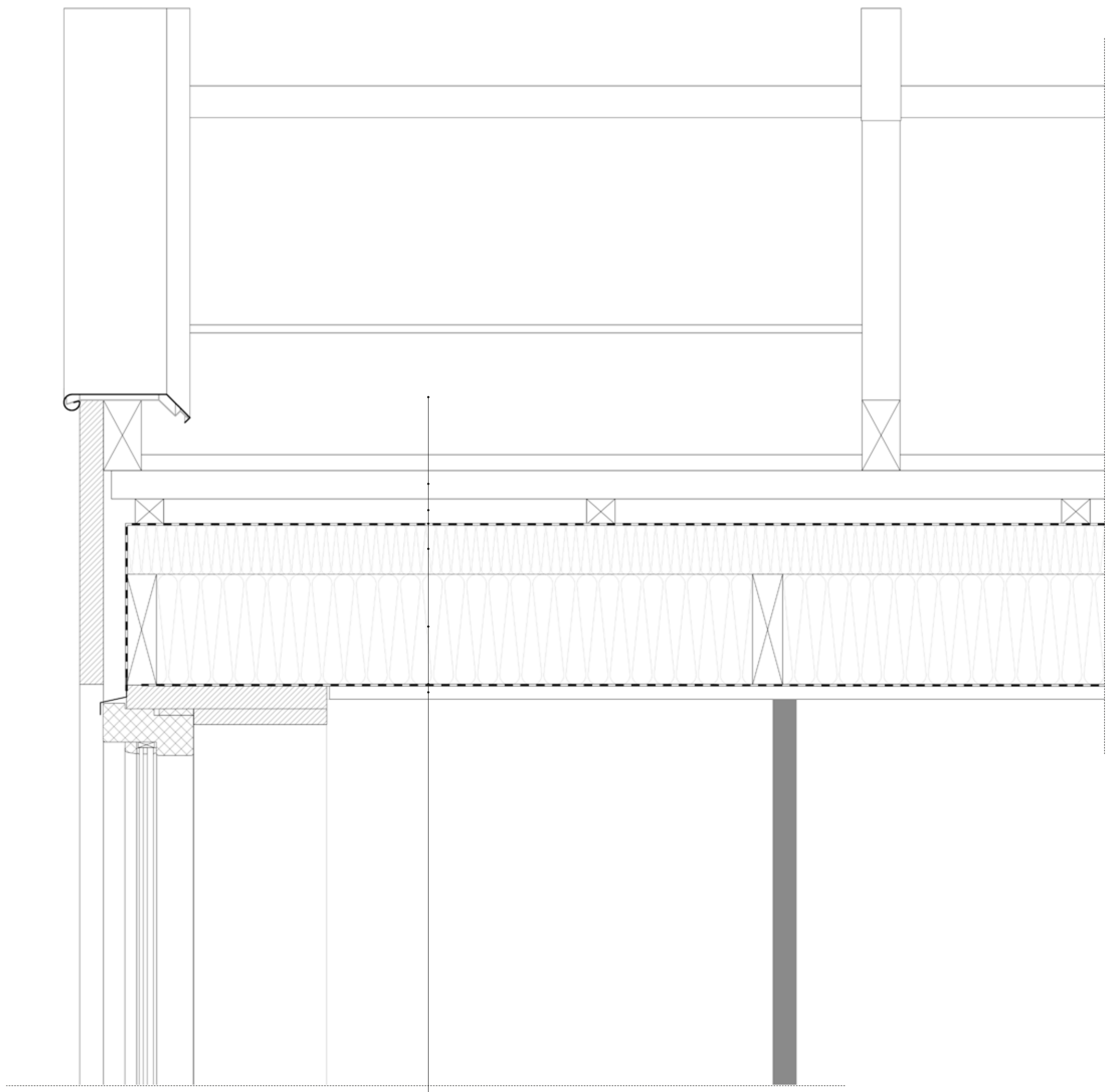


Section A

1:100

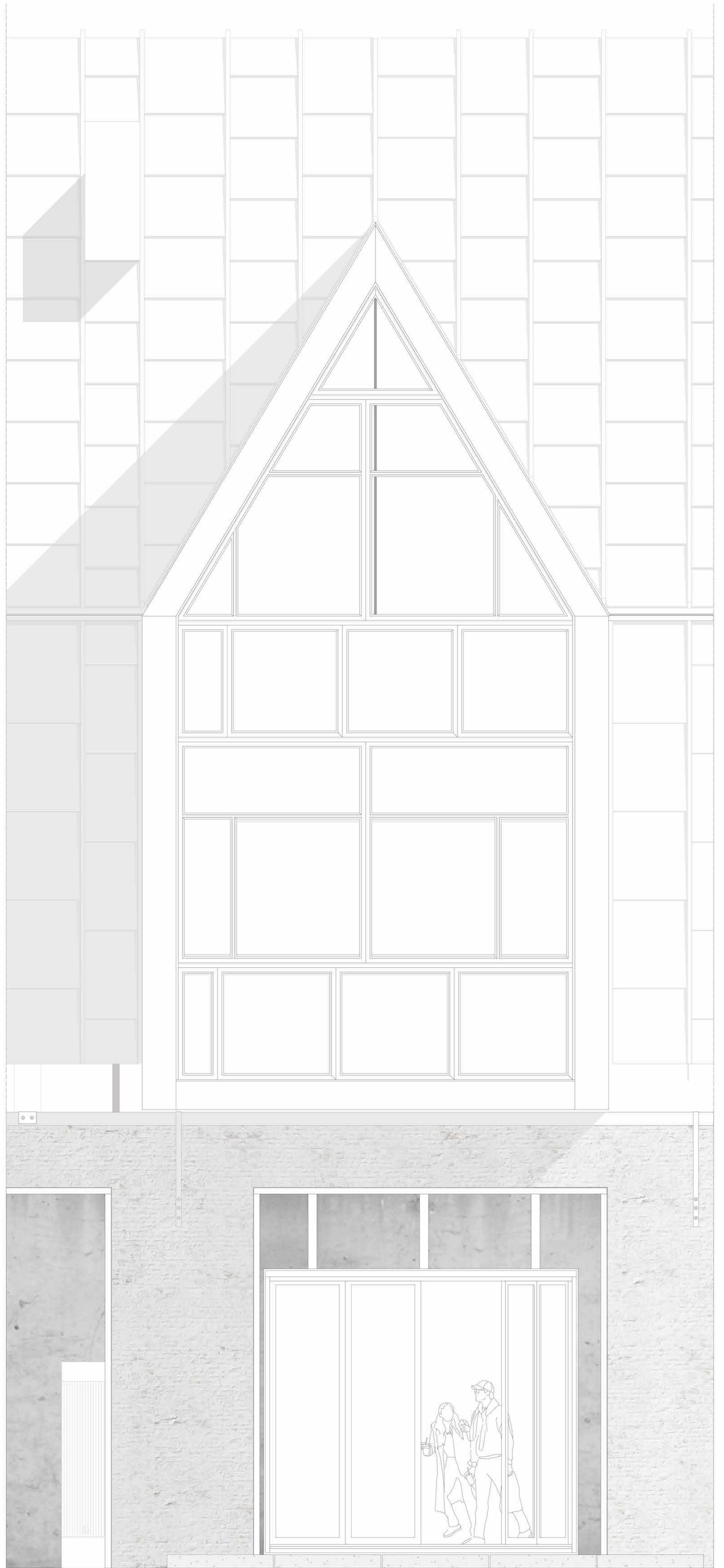


Detail
Roof of dormer window
1 : 5

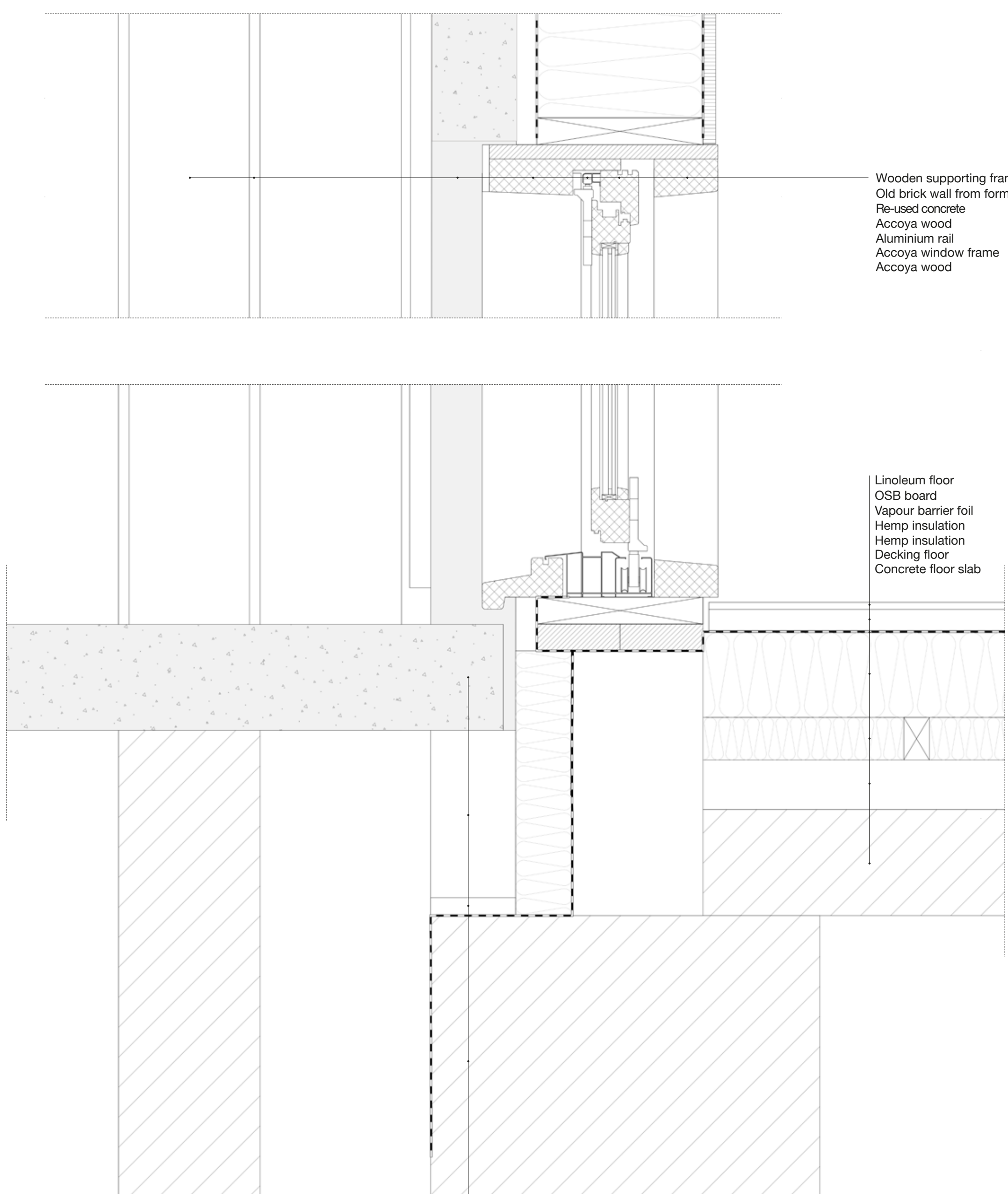


Re-used panels
38 x 60 mm accoya horizontal slats
32 x 38 mm accoya vertical slats
Water resistant foil
235 mm hemp insulation
Vapour barrier foil
18 mm bio multiplex

Fragment of facade
1 : 20



Detail
Folding doors
1 : 5

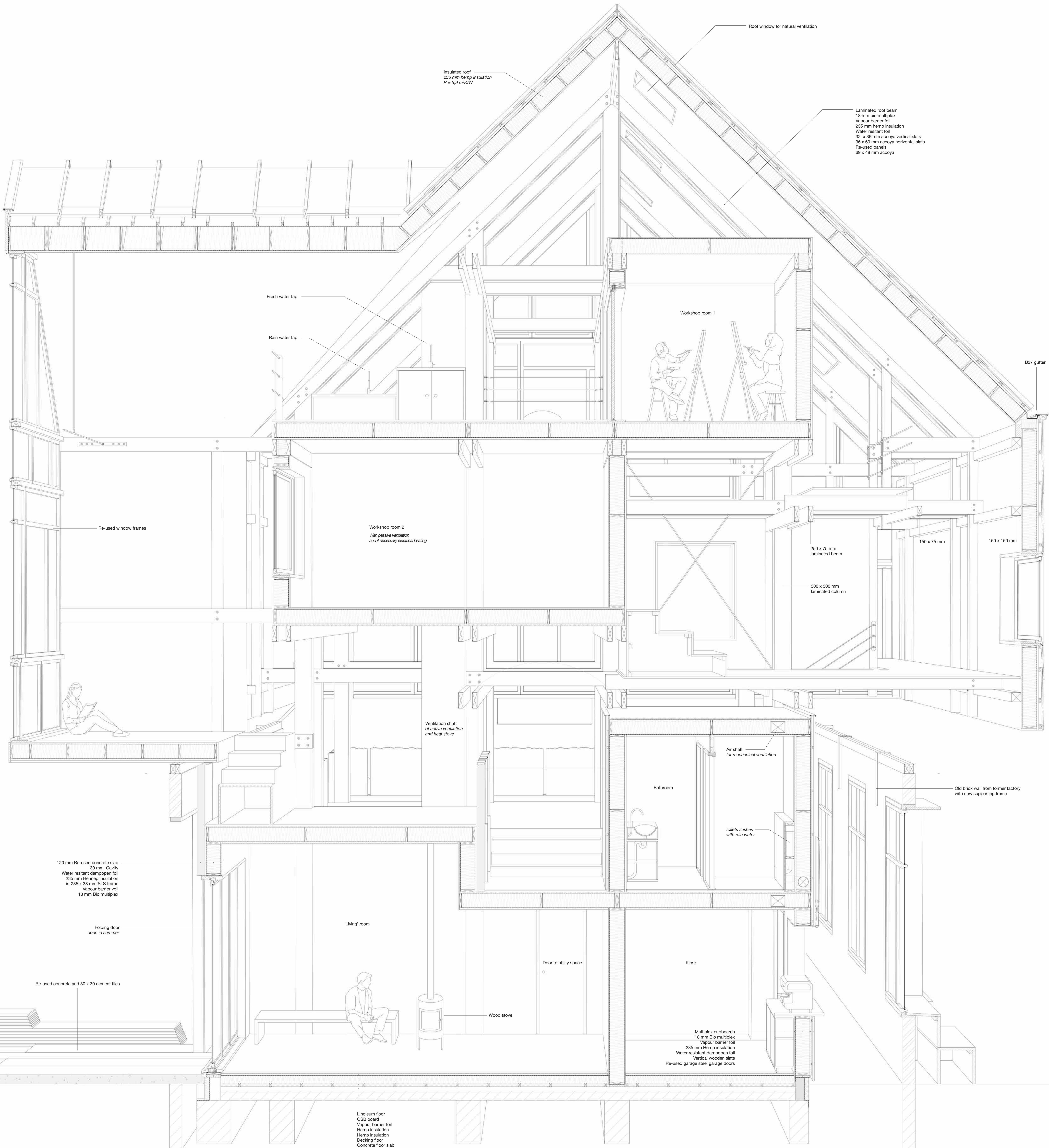


Wooden supporting frame
Old brick wall from former factory
Re-used concrete
Accoya wood
Aluminium rail
Accoya window frame
Accoya wood

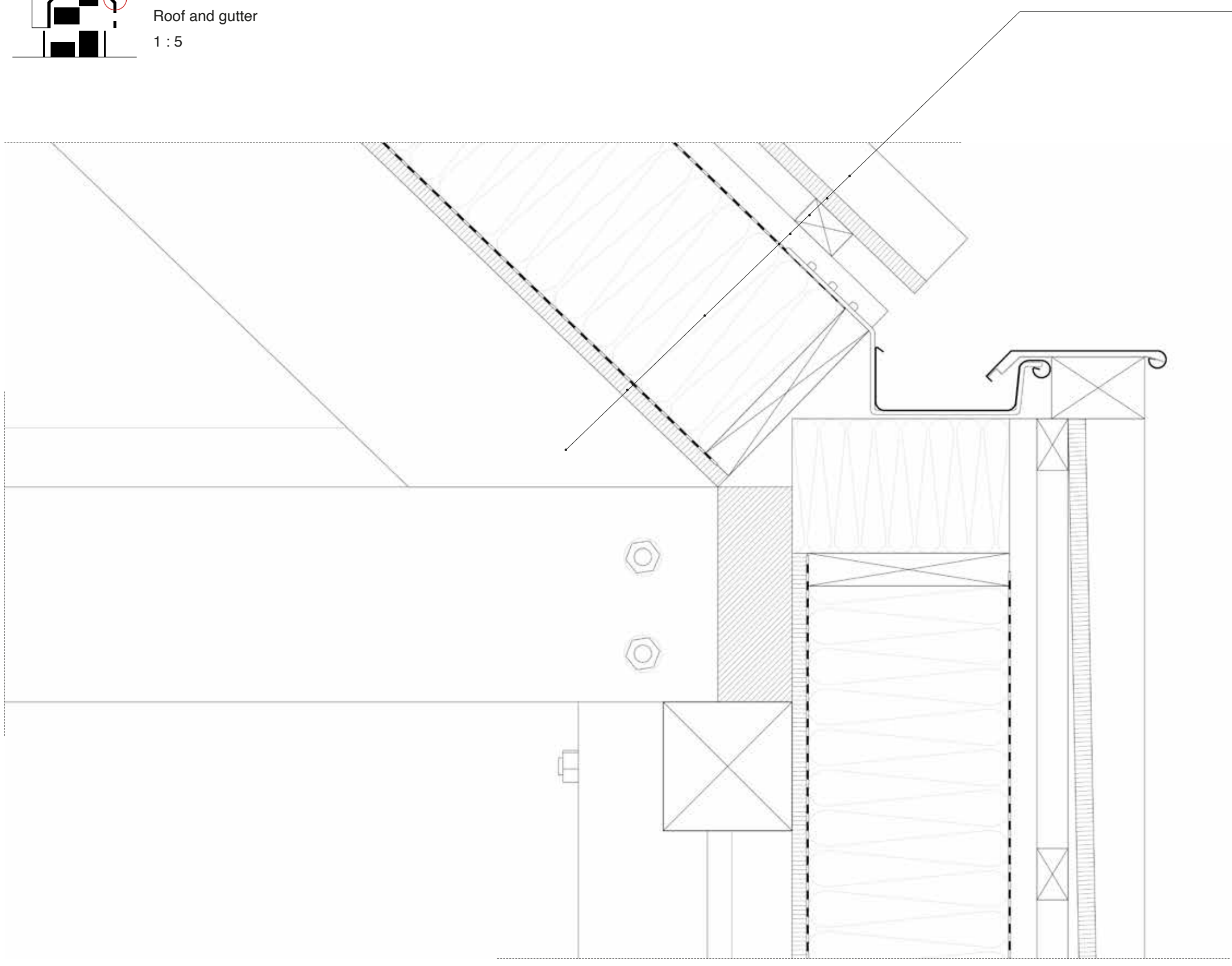
Linoleum floor
OSB board
Vapour barrier foil
Hemp insulation
Decking floor
Concrete floor slab

Re-used concrete slab
Cellular concrete
Pressure-resistant filler layer
Water resistant foil
Foundation

Section of building
1:20



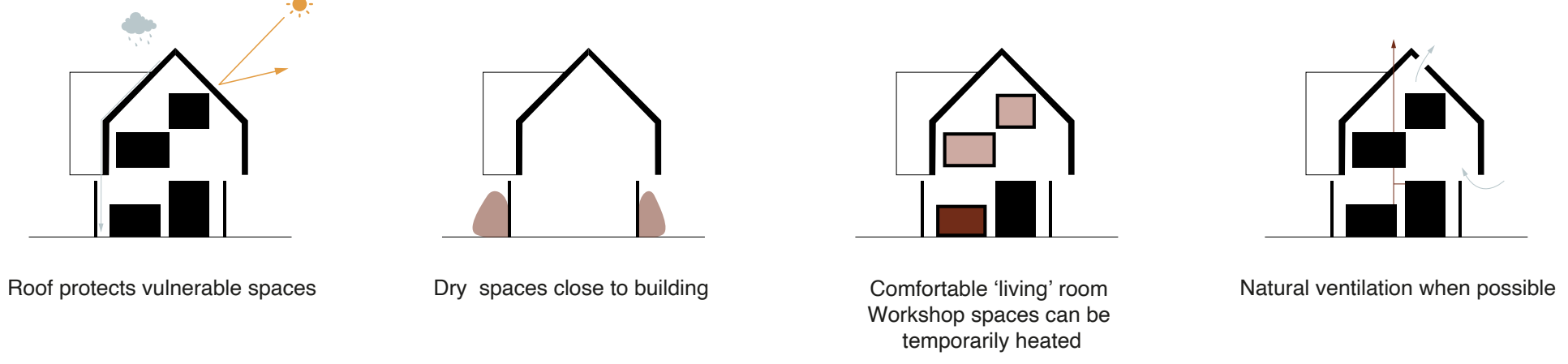
Detail
Roof and gutter
1 : 5



Laminated roof beam
18 mm bio multiplex
Vapour barrier foil
235 mm hemp insulation
Water resistant foil
32 x 36 mm accoya vertical slats
36 x 60 mm accoya horizontal slats
Re-used sheets
69 x 48 mm accoya

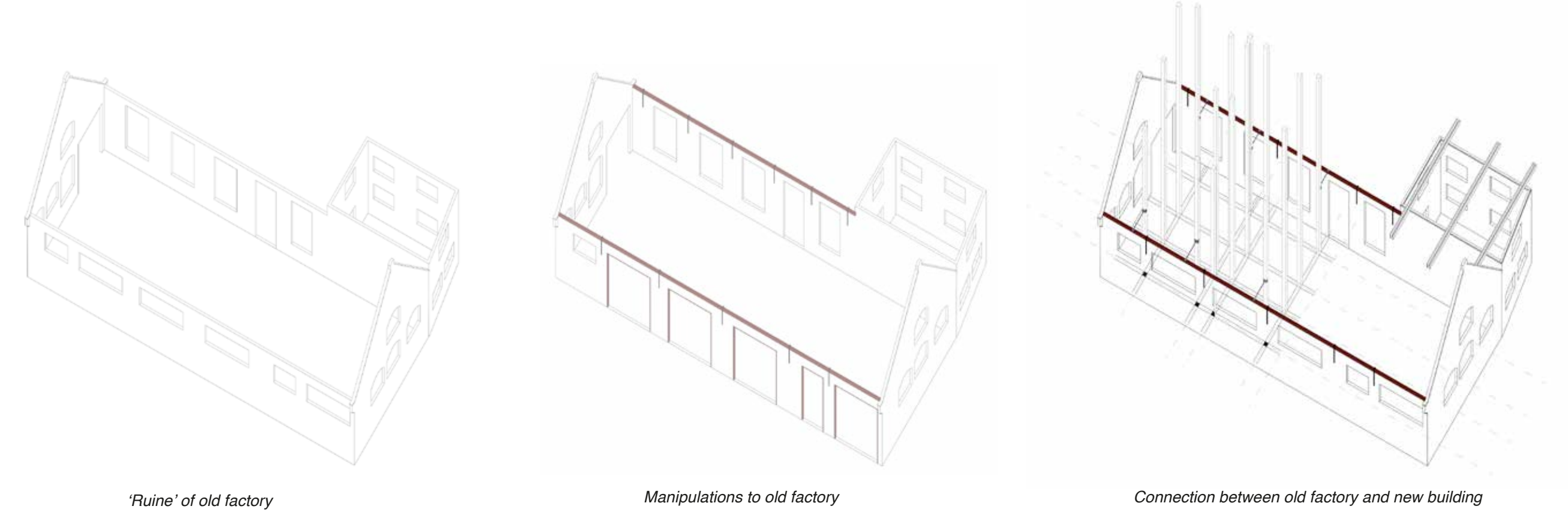
Climate

Principles of climate regulation

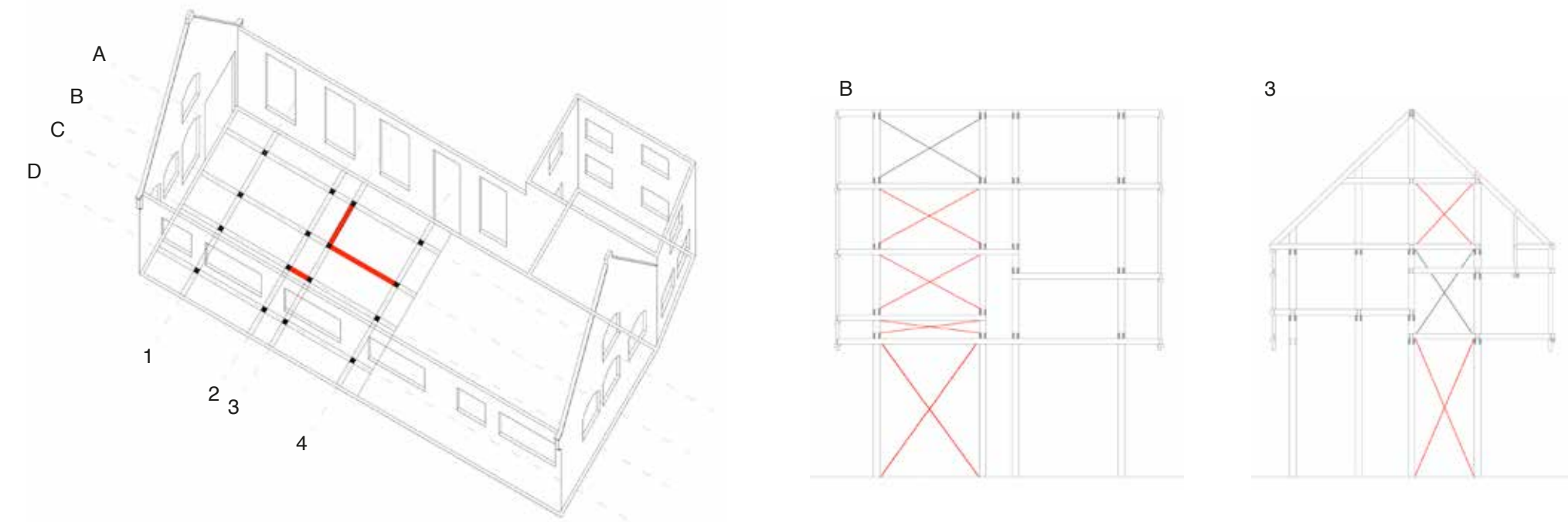


Construction

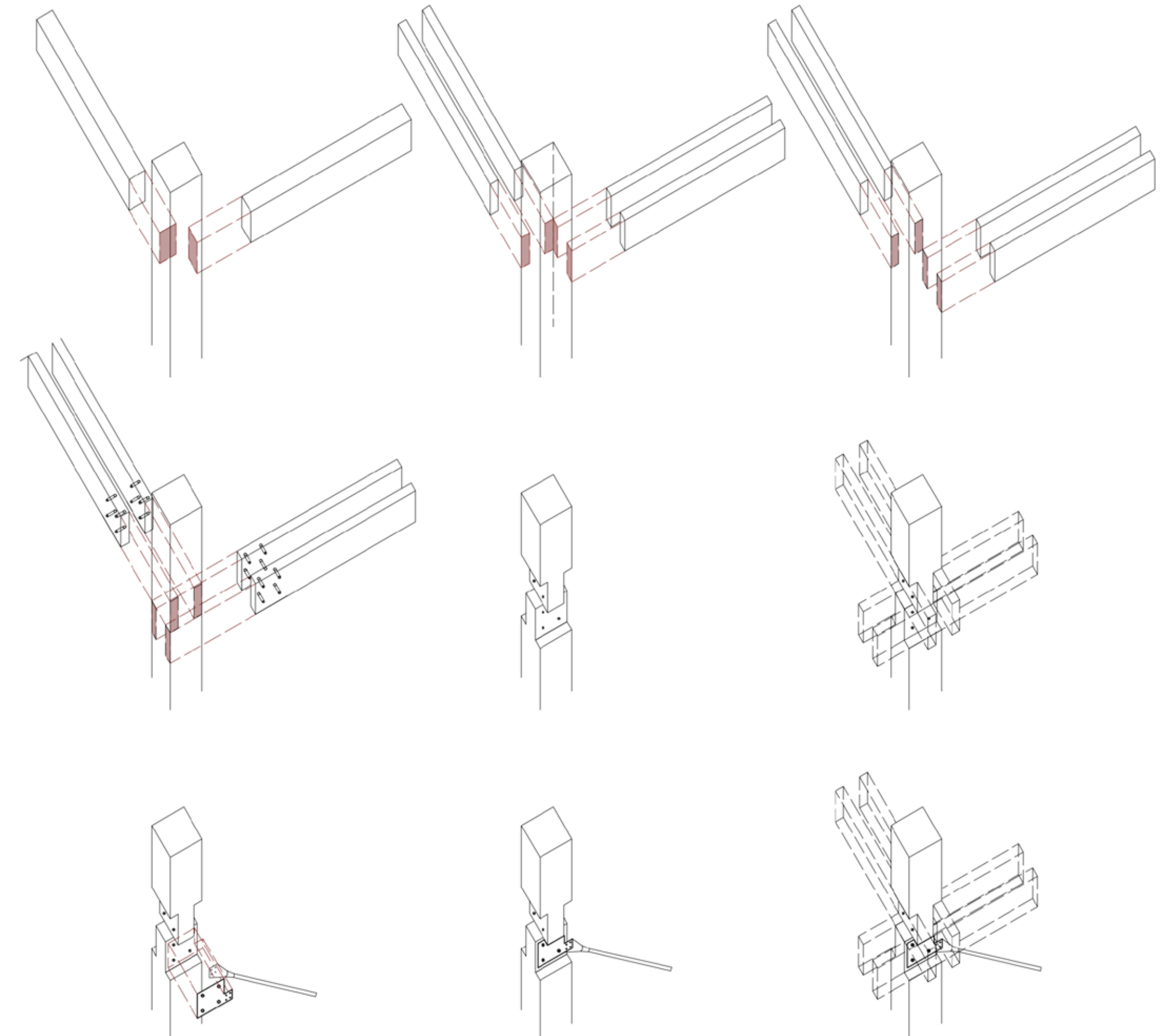
Connection between old and new



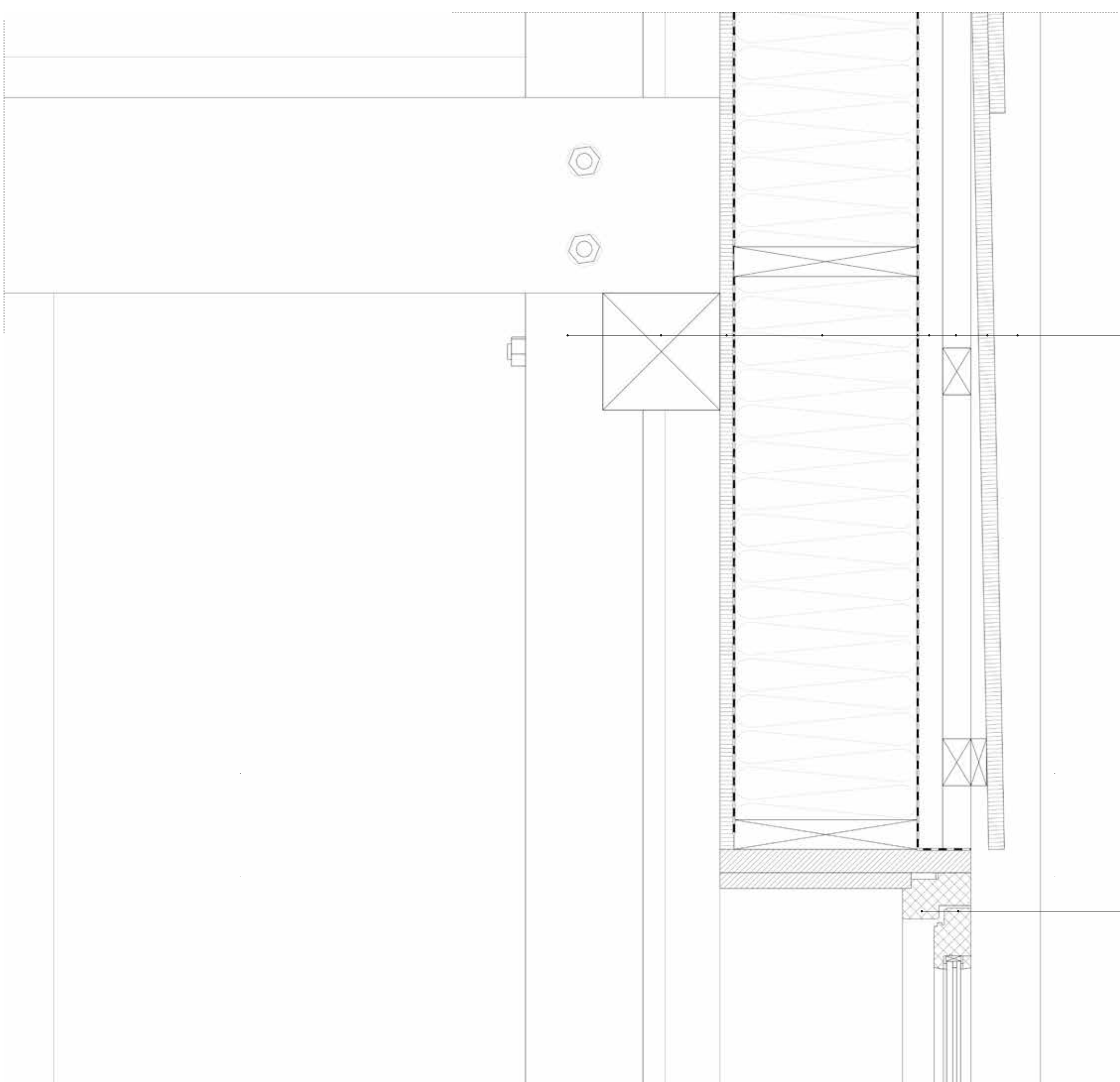
Stability of new building



Laminated wooden columns and beams

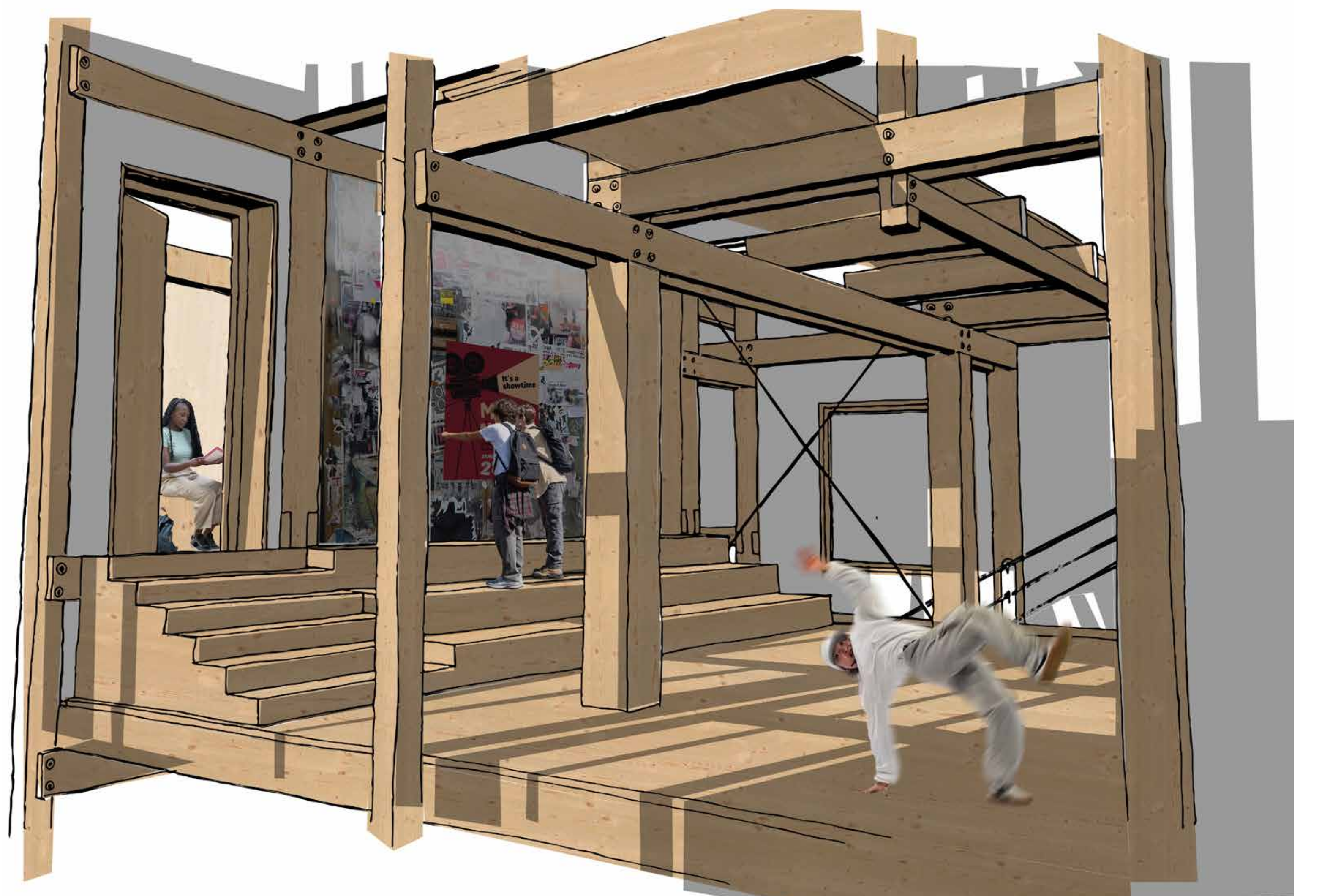
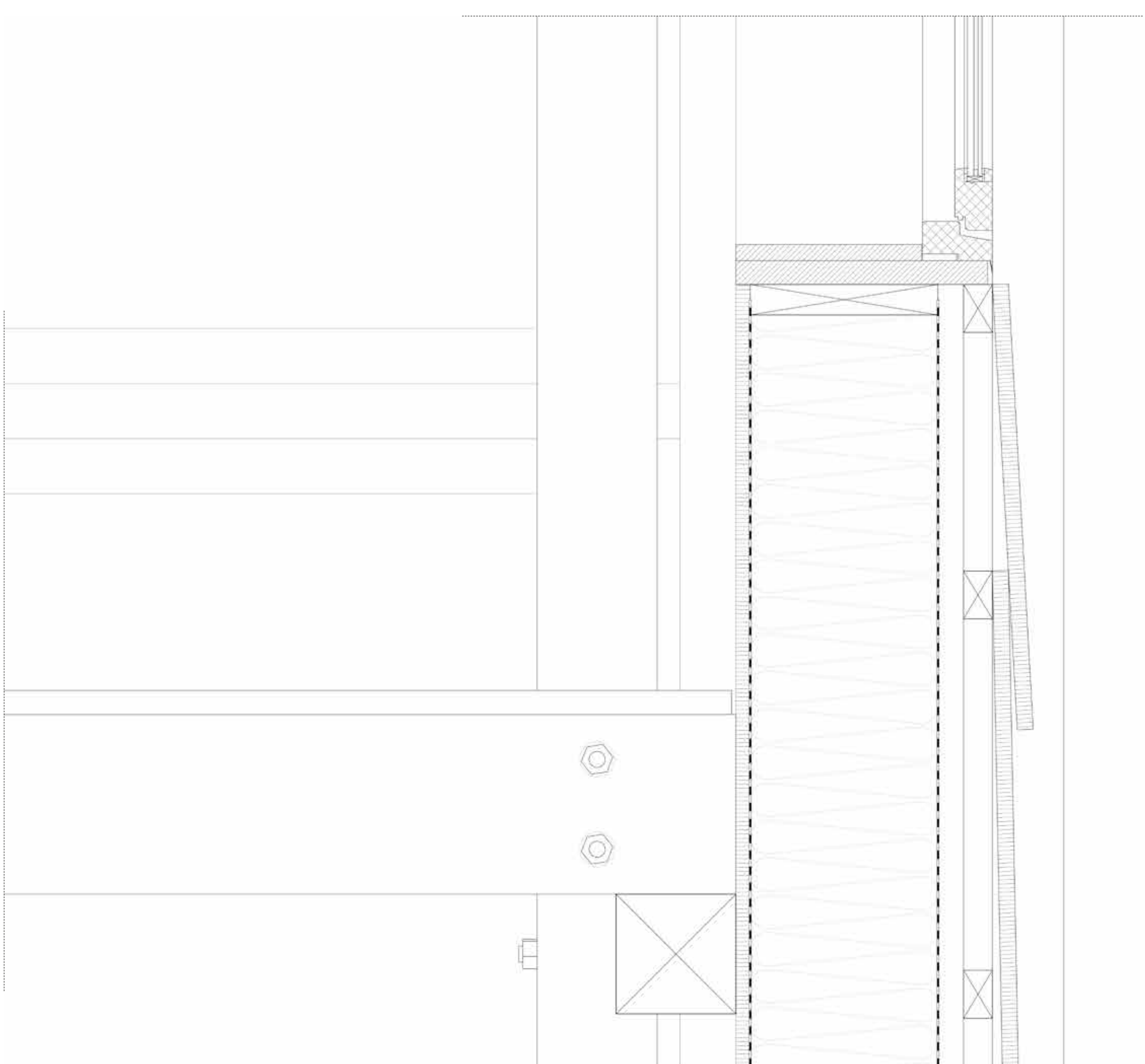


Detail
Window
1 : 5



150 x 150 mm wooden column
150 x 150 mm wooden beam
18 mm bio multiplex
Vapour barrier foil
235 mm hemp insulation in 38 x 235 mm SLS fr
Water resistant foil
32 x 36 mm Accoya vertical slats
36 x 60 mm Accoya horizontal slats
Re-used panels
69 x 48 mm Accoya

67 x 114 mm Accoya frame
67 x 49 mm Accoya window frame

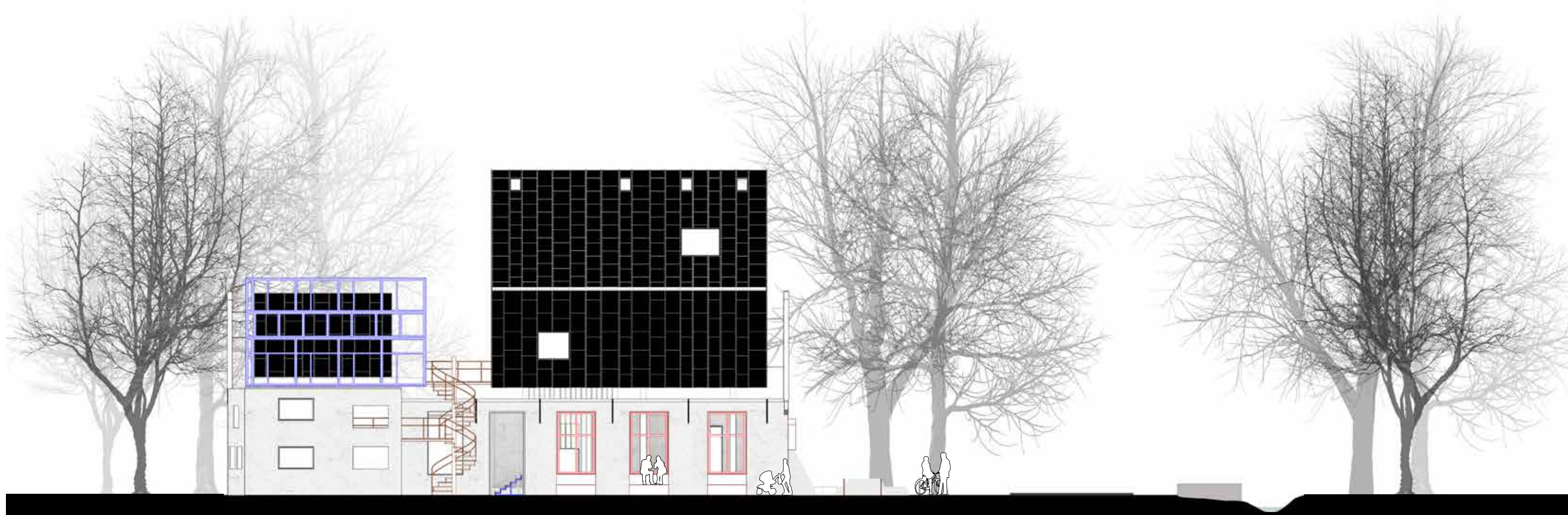


Facades
1:200

North



Oost



South



West





