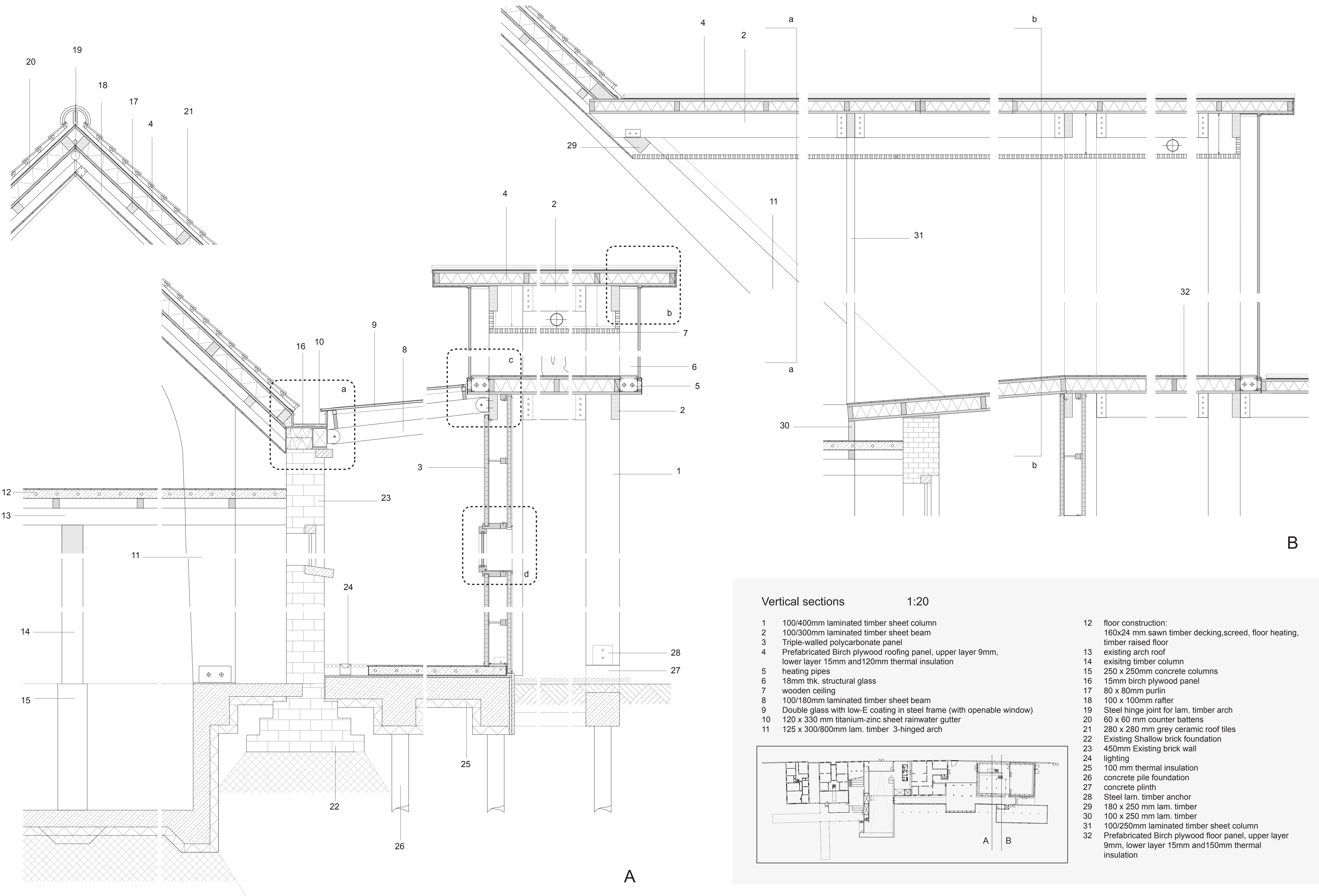
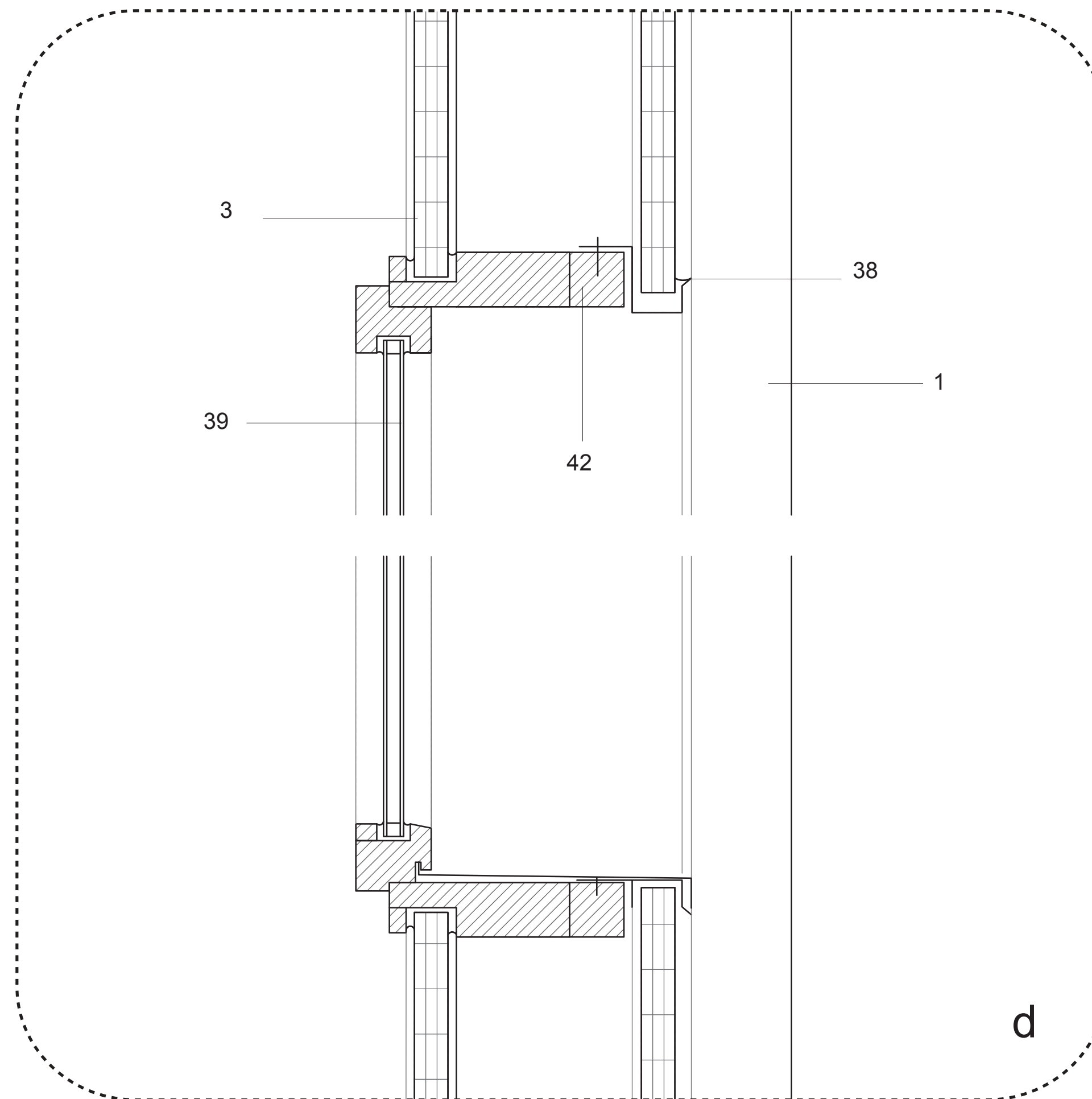
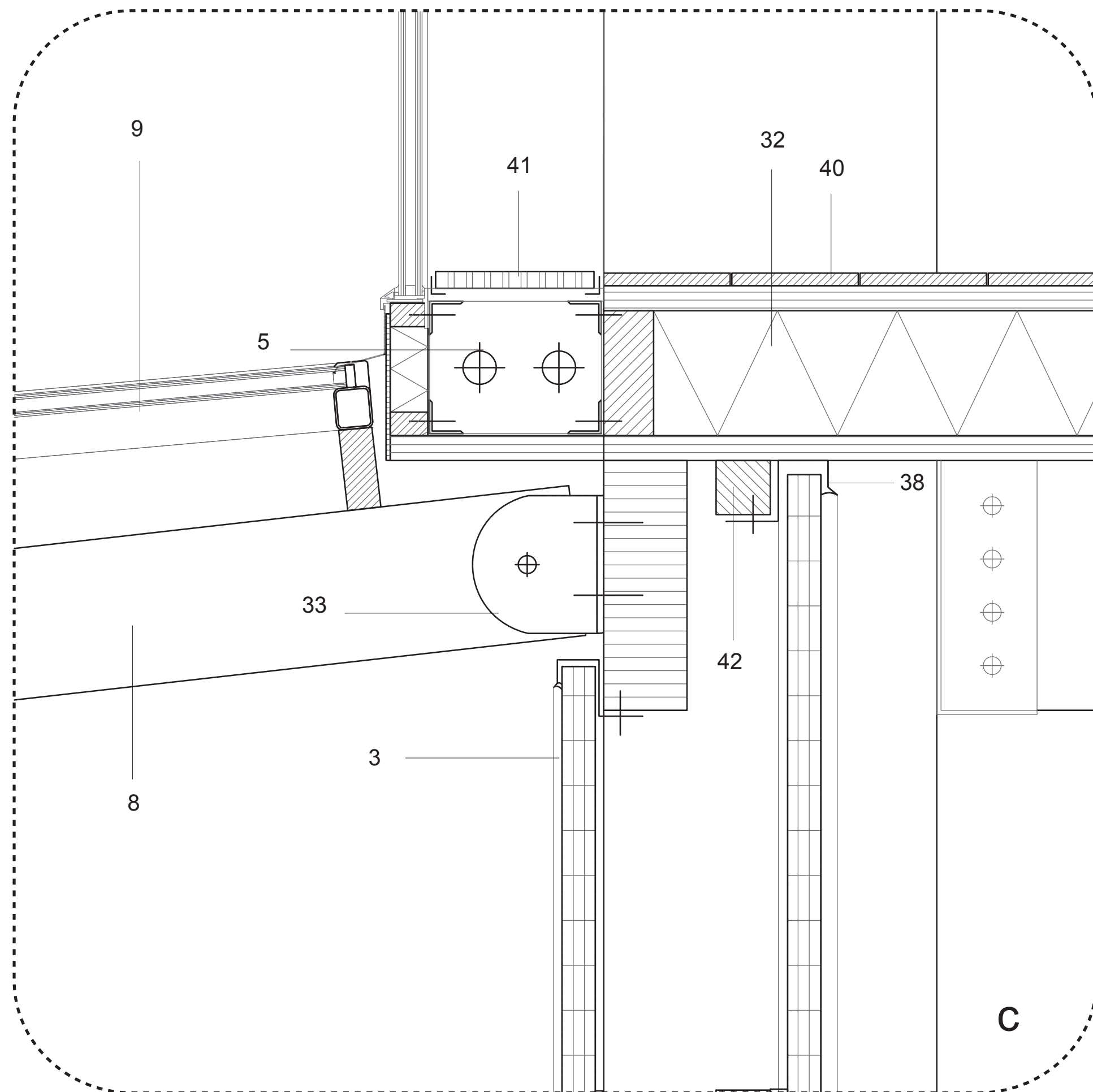
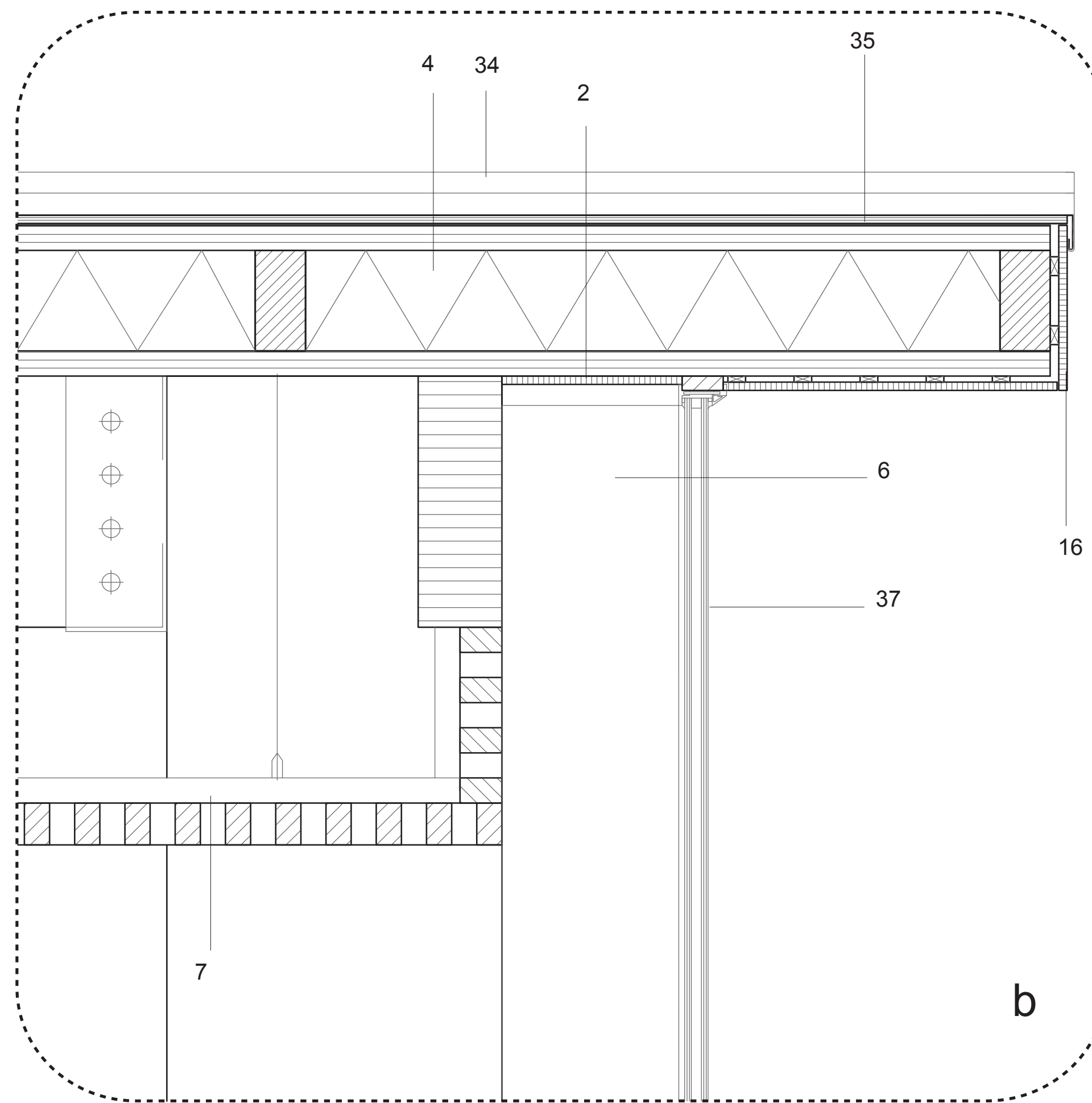
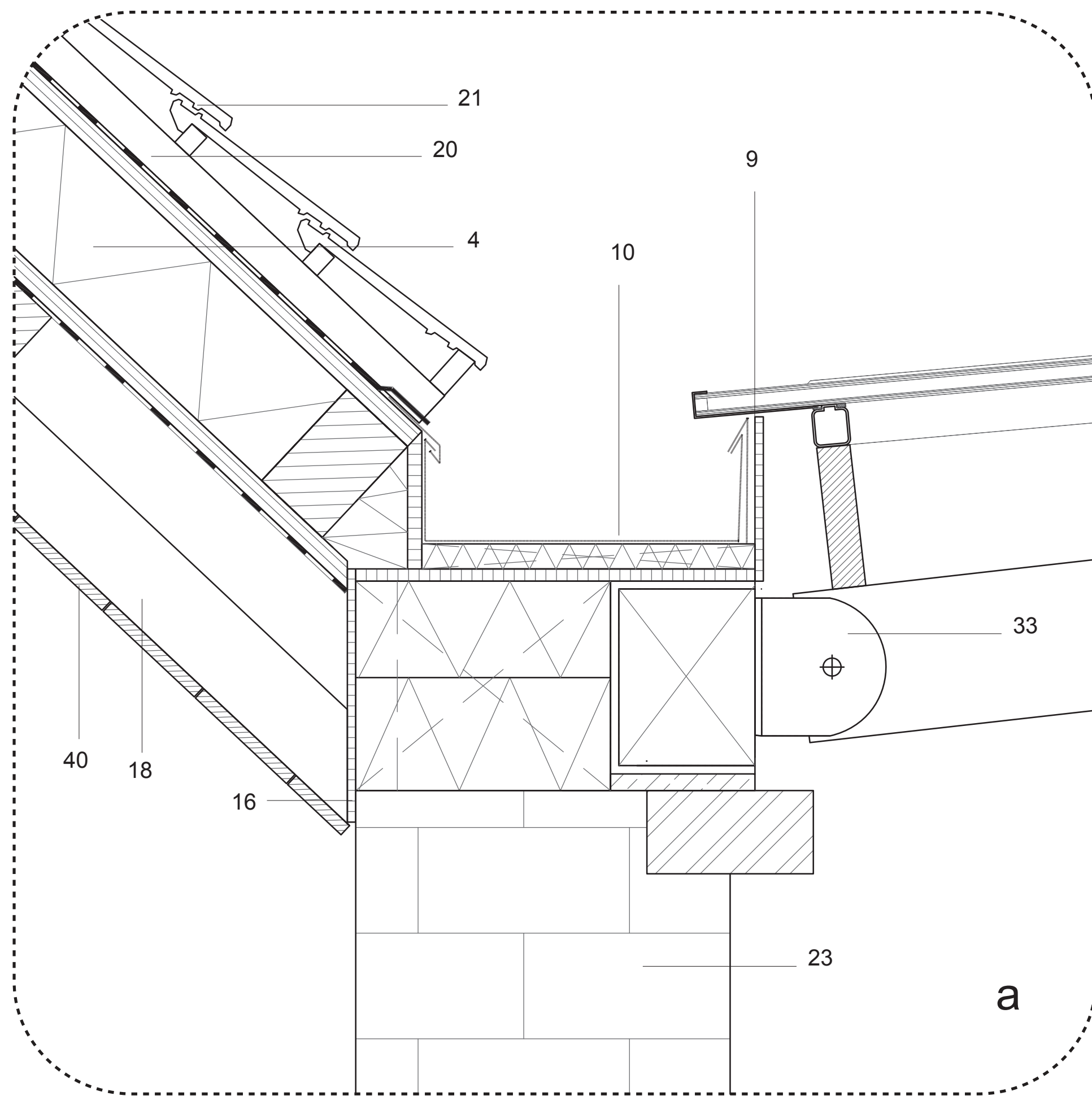




Vertical sections

1:20

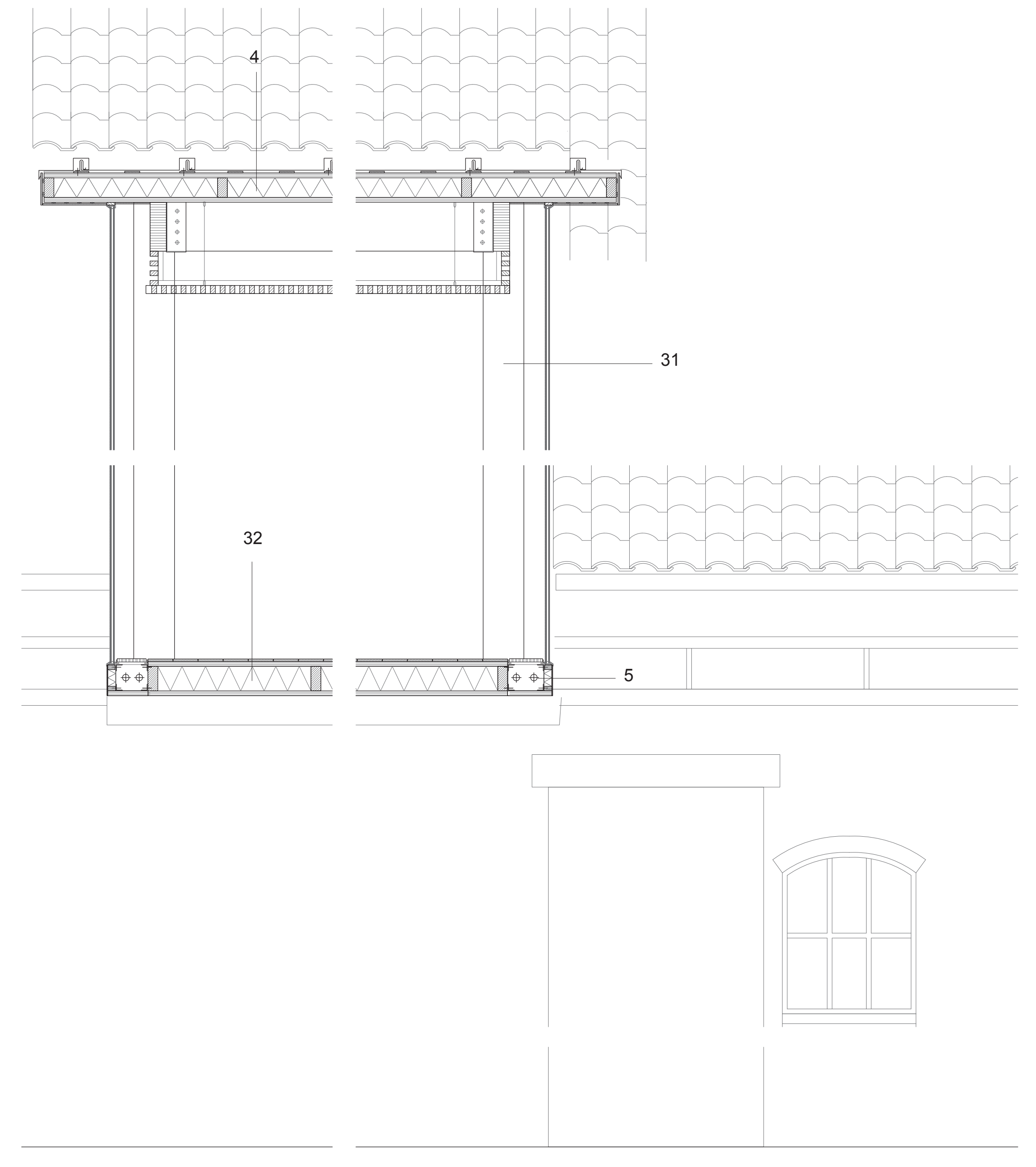
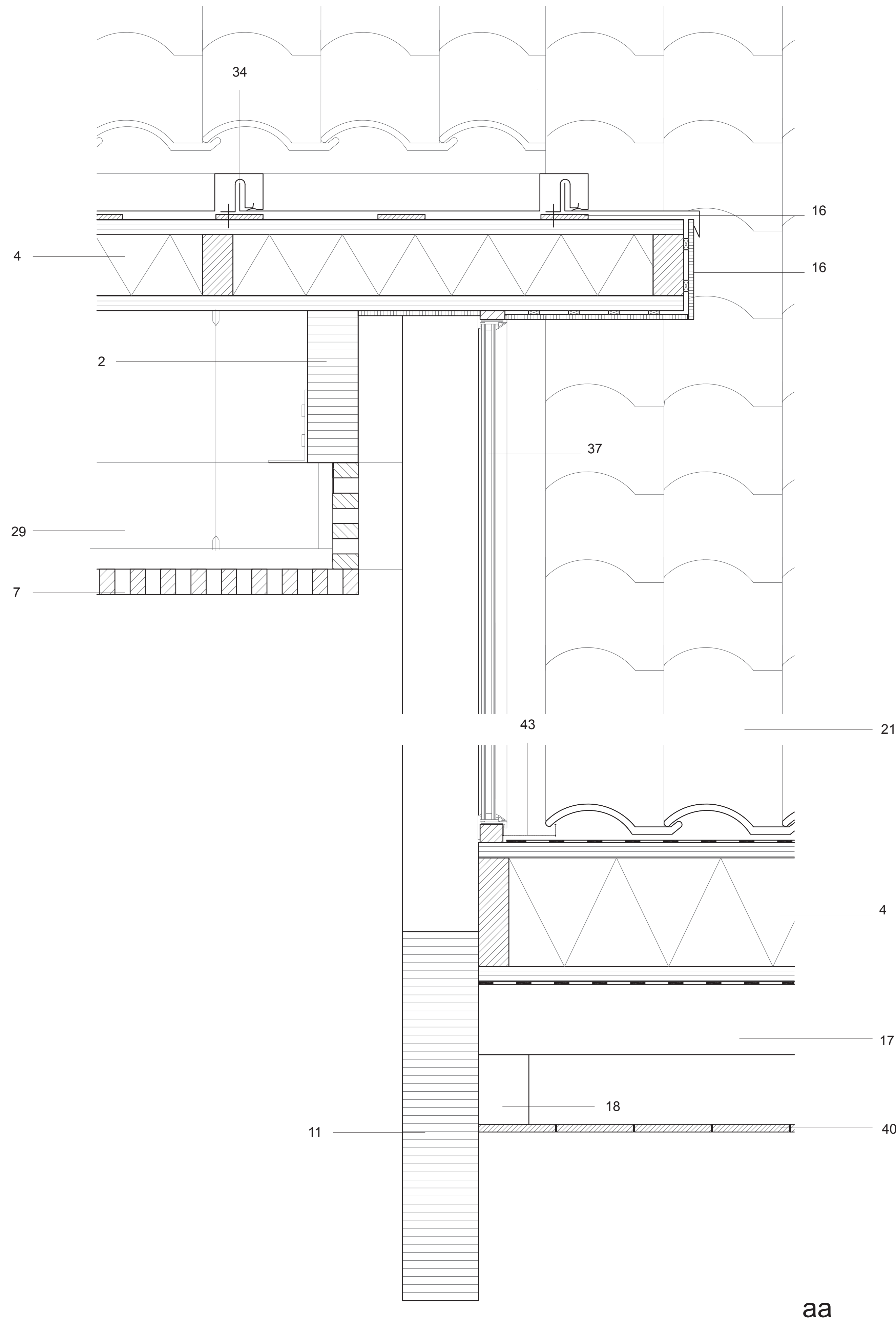
- | | | | |
|----|---|----|--|
| 1 | 100/400mm laminated timber sheet column | 12 | floor construction:
160x24 mm sawn timber decking,screed, floor heating,
timber raised floor |
| 2 | 100/300mm laminated timber sheet beam | 13 | existing arch roof |
| 3 | Triple-walled polycarbonate panel | 14 | existing timber column |
| 4 | Prefabricated Birch plywood roofing panel, upper layer 9mm,
lower layer 15mm and120mm thermal insulation | 15 | 250 x 250mm concrete columns |
| 5 | heating pipes | 16 | 15mm birch plywood panel |
| 6 | 18mm thk. structural glass | 17 | 80 x 80mm purlin |
| 7 | wooden ceiling | 18 | 100 x 100mm rafter |
| 8 | 100/180mm laminated timber sheet beam | 19 | Steel hinge joint for lam. timber arch |
| 9 | Double glass with low-E coating in steel frame (with openable window) | 20 | 60 x 60 mm counter battens |
| 10 | 120 x 330 mm titanium-zinc sheet rainwater gutter | 21 | 280 x 280 mm grey ceramic roof tiles |
| 11 | 125 x 300/800mm lam. timber 3-hinged arch | 22 | Existing Shallow brick foundation |
| | | 23 | 450mm Existing brick wall |
| | | 24 | lighting |
| | | 25 | 100 mm thermal insulation |
| | | 26 | concrete pile foundation |
| | | 27 | concrete plinth |
| | | 28 | Steel lam. timber anchor |
| | | 29 | 180 x 250 mm lam. timber |
| | | 30 | 100 x 250 mm lam. timber |
| | | 31 | 100/250mm laminated timber sheet column |
| | | 32 | Prefabricated Birch plywood floor panel, upper layer
9mm, lower layer 15mm and150mm thermal
insulation |



Detail

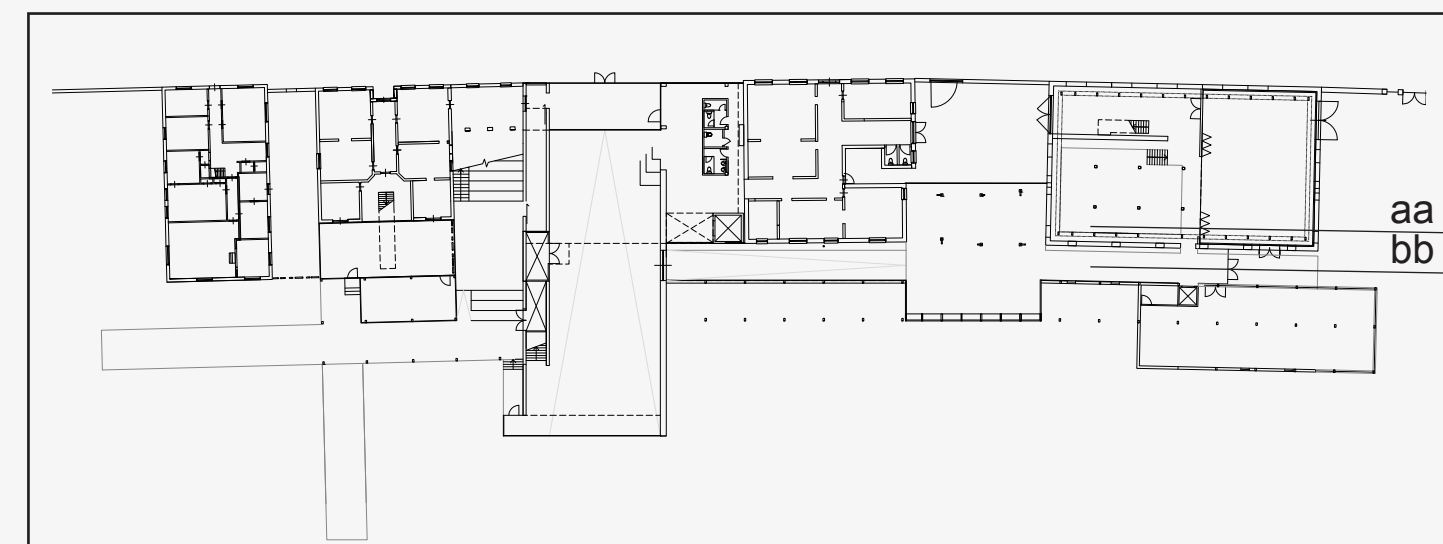
1:5

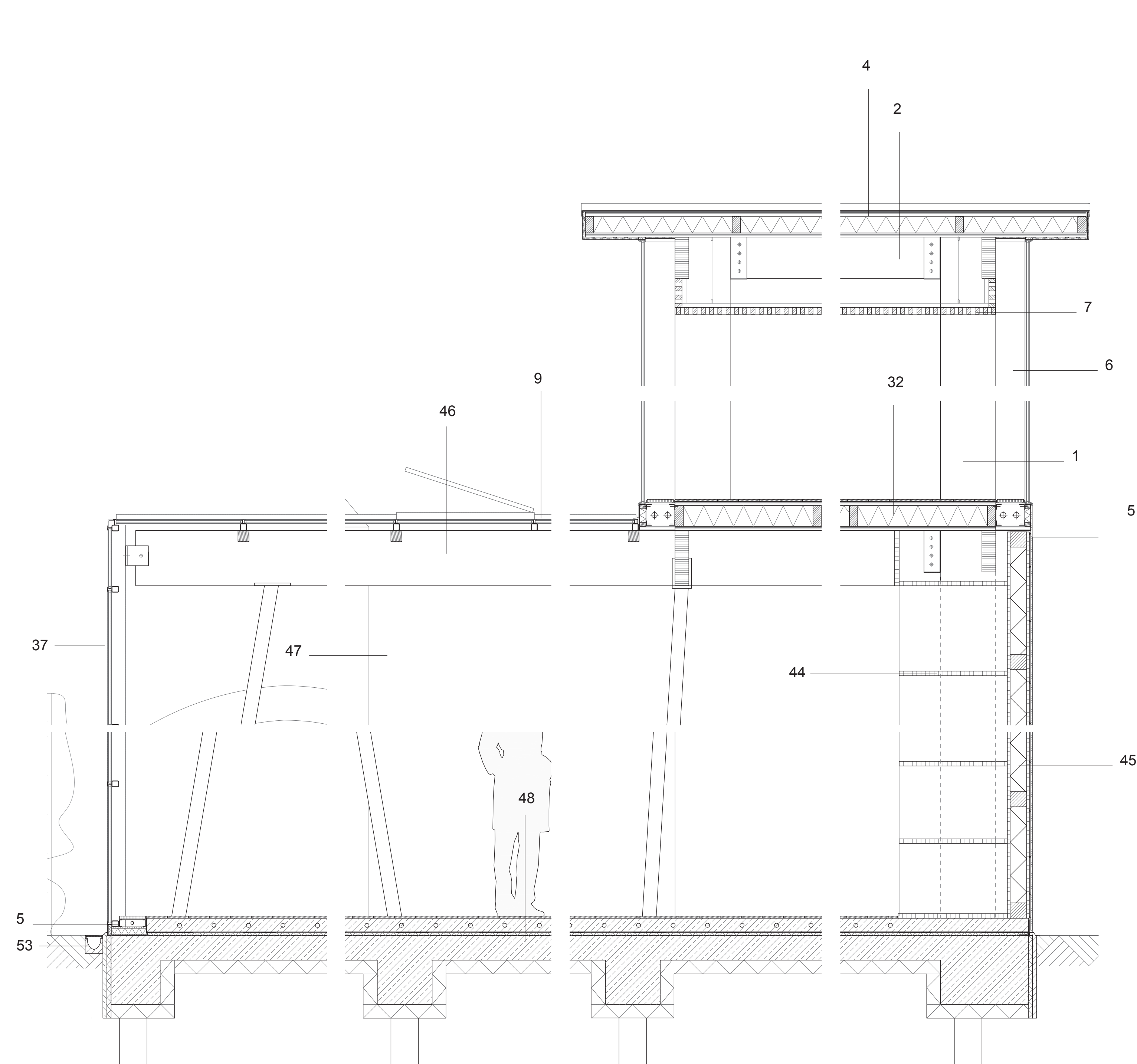
- 1 100/400mm laminated timber sheet column
- 2 100/300mm laminated timber sheet beam
- 3 Triple-walled polycarbonate panel
- 4 Prefabricated Birch plywood roofing panel, upper layer 9mm, lower layer 15mm and 120mm mineral wool
- 5 heating pipes
- 6 18mm thk. structural glass
- 7 wooden ceiling
- 8 100/180mm laminated timber sheet beam
- 9 Double glass with low-E coating in steel frame (with openable window)
- 10 120 x 330 mm titanium-zinc sheet rainwater gutter
- 16 15mm birch plywood panel
- 18 100 x 100mm rafter
- 20 60 x 60 mm counter battens
- 21 280 x 280 mm grey ceramic roof tiles
- 23 450mm Existing brick wall
- 32 Prefabricated Birch plywood floor panel, upper layer 9mm, lower layer 15mm and 150mm mineral wool
- 33 Steel hinge connection for lam. timber beam
- 34 Nedzink roofing
- 35 Wooden batten
- 37 double glazing (2 x 8 mm lam safety glass + 10 mm cavity)
- 38 Aluminium sheet, flexible for polycarbonate panel's deformation
- 39 Manufactured timber window frame with thermal glass (openable)
- 40 160x24 mm sawn timber decking
- 41 2.5mm steel grating
- 42 65 x 65 mm timber



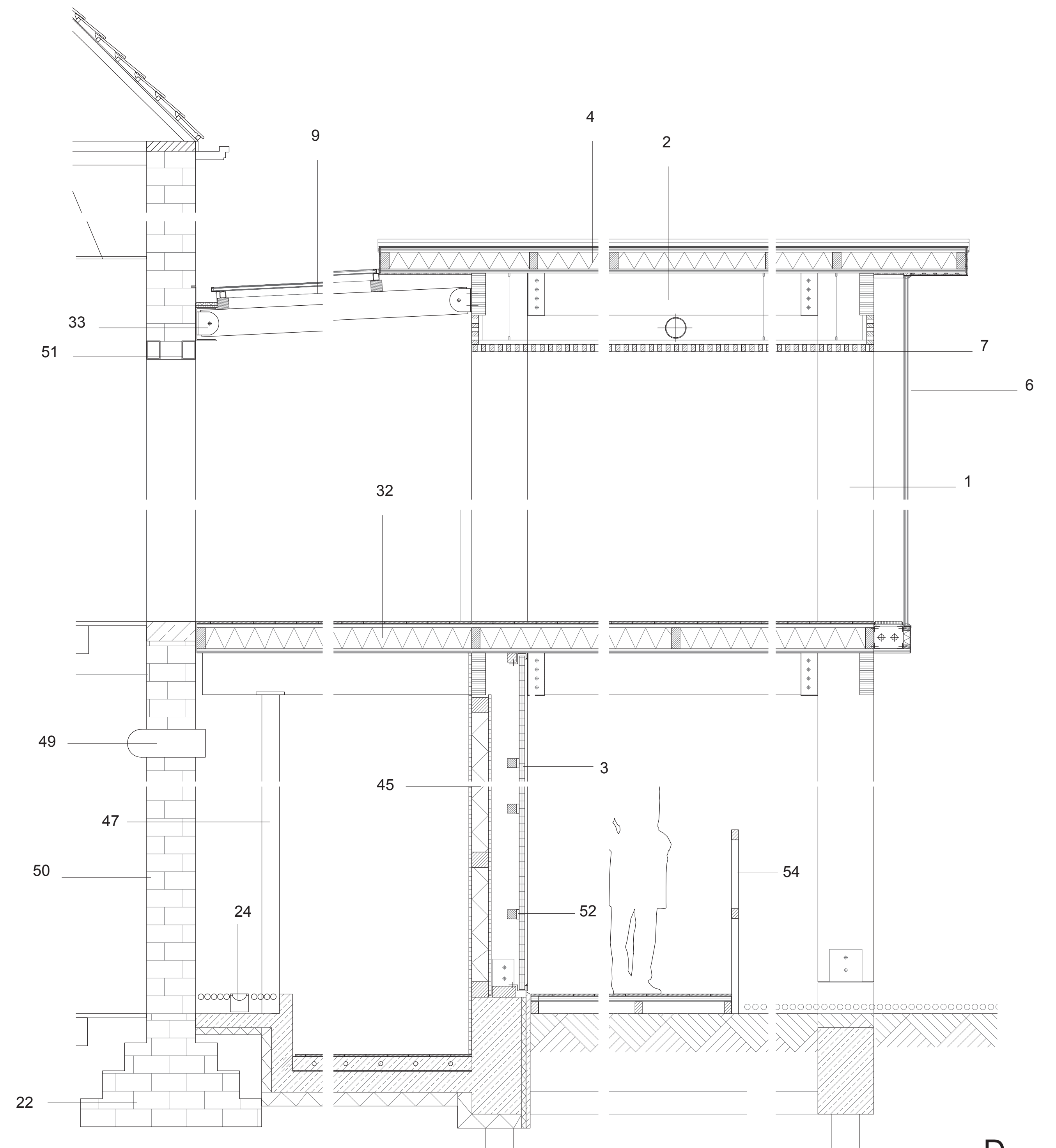
Vertical section aa 1:5/ bb 1:20

- | | | | |
|----|---|----|---|
| 2 | 100/300mm laminated timber sheet beam | 29 | 180 x 250 mm lam. timber |
| 4 | Prefabricated Birch plywood roofing panel, upper layer 9mm, lower layer 15mm and 120mm thermal insulation | 31 | 100/250mm laminated timber sheet column |
| 5 | heating pipes | 32 | Prefabricated Birch plywood floor panel, upper layer 9mm, lower layer 15mm and 150mm thermal insulation |
| 7 | wooden ceiling | 34 | Nedzink roofing |
| 11 | 125 x 300/800mm lam. timber 3-hinged arch | 35 | Wooden batten |
| 16 | 15mm birch plywood panel | 37 | double glazing (2 x 8 mm lam safety glass + 10 mm cavity) |
| 17 | 80 x 80mm purlin | 40 | 160x24 mm sawn timber decking |
| 18 | 100 x 100mm rafter | 43 | 50 x 100 mm titanium-zinc sheet rainwater gutter |
| 21 | 280 x 280 mm grey ceramic roof tiles | | |





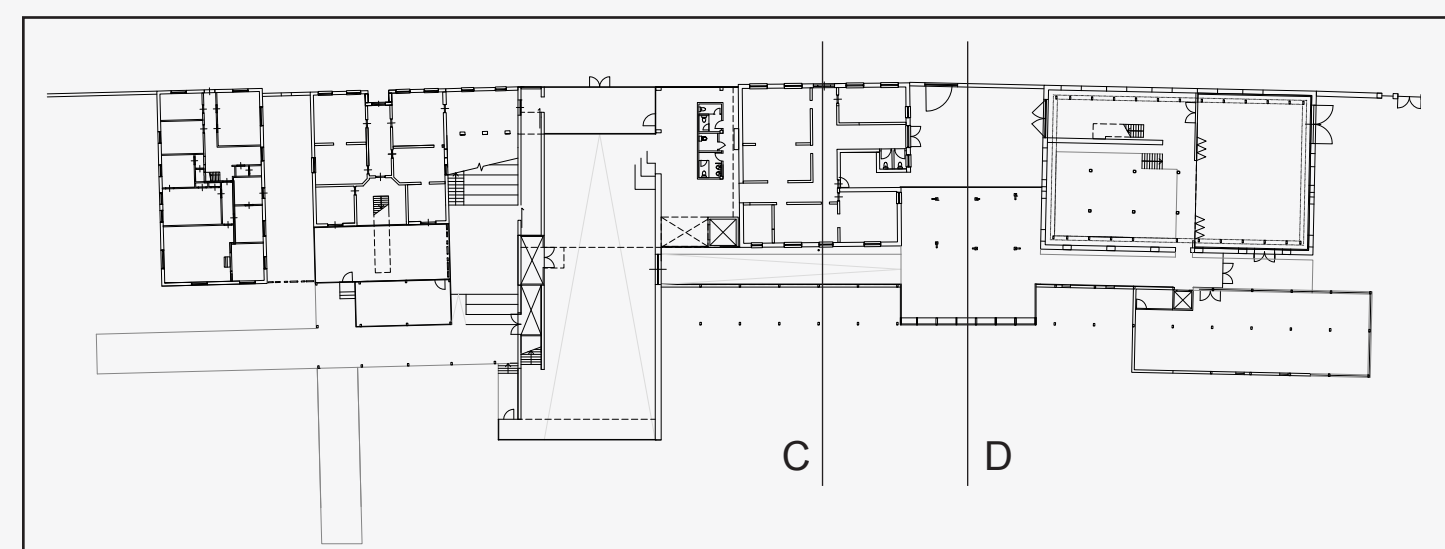
C



D

Vertical sections

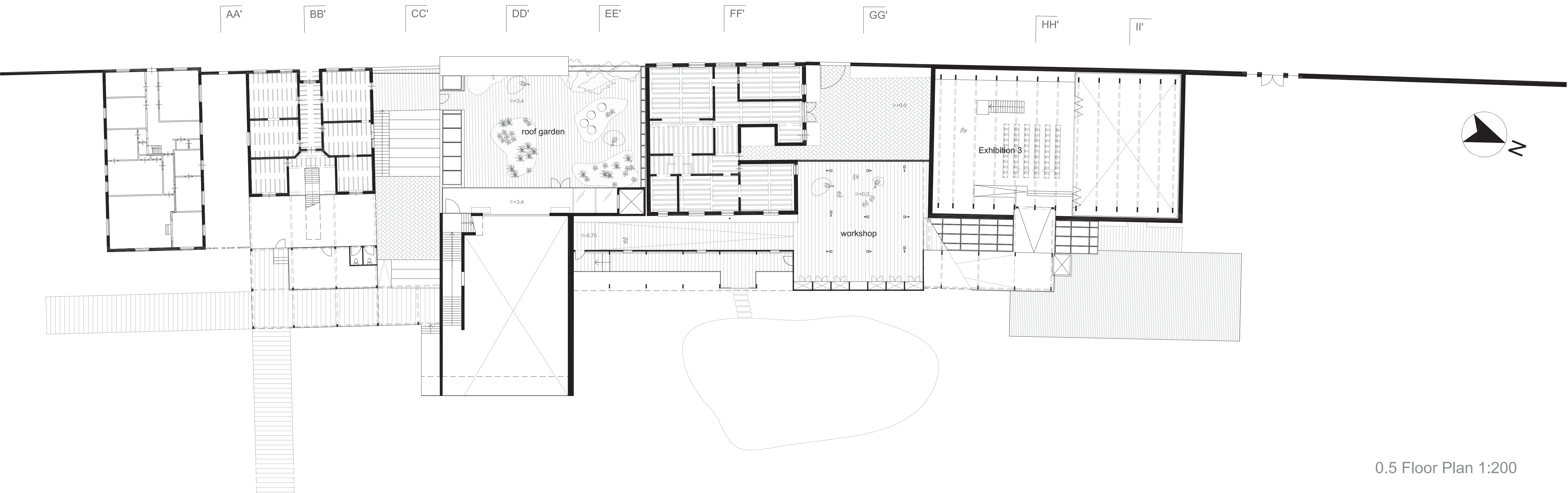
1:20



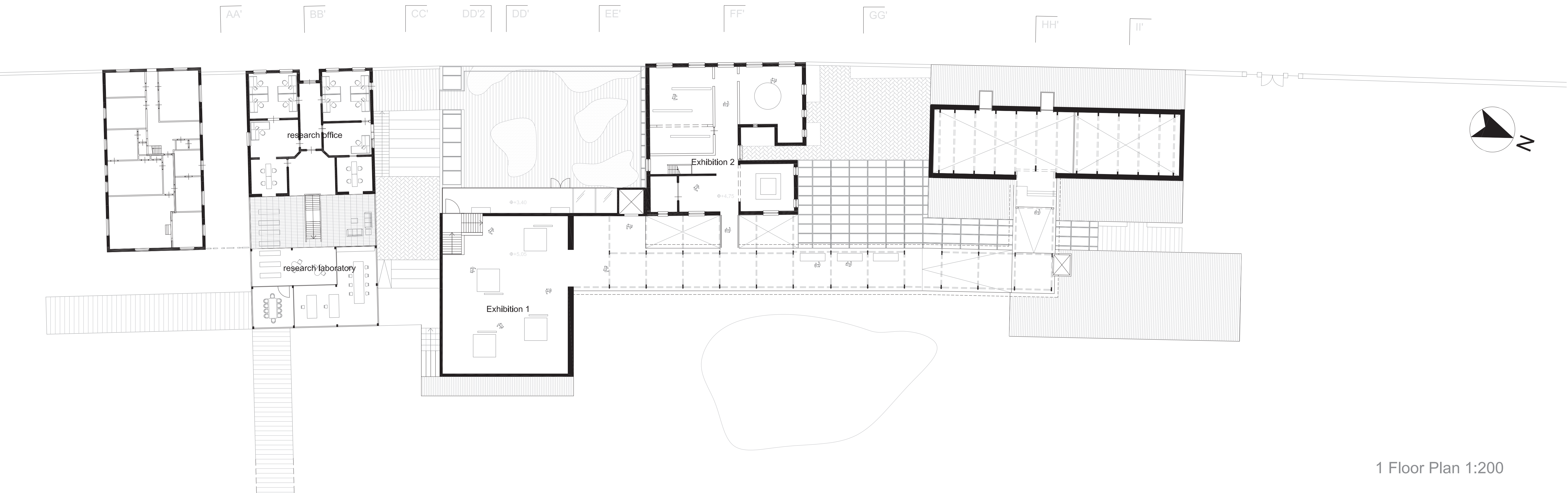
- 1 100/400mm laminated timber sheet column
- 2 100/300mm laminated timber sheet beam
- 3 Triple-walled polycarbonate panel
- 4 Prefabricated Birch plywood roofing panel, upper layer 9mm, lower layer 15mm and 120mm thermal insulation
- 5 heating pipes
- 6 18mm thk. structural glass
- 7 wooden ceiling
- 9 Double glass with low-E coating in steel frame (with openable window)
- 20 60 x 60 mm counter battens
- 21 280 x 280 mm grey ceramic roof tiles
- 22 Existing Shallow brick foundation
- 24 lighting
- 32 Prefabricated Birch plywood floor panel, upper layer 9mm, lower layer 15mm and 150mm thermal insulation

- 33 Steel hinge connection for lam. timber beam
- 37 double glazing (2 x 8 mm lam safety glass + 10 mm cavity)
- 44 33m lam. timber shelf
- 45 150 mm thermal insulation and 20mm lam. timber sheeting
- 46 150/400 mm lam. timber beam
- 47 100mm dia. steel column
- 48 floor construction: 160x24 mm sawn timber decking, screed, floor heating, waterproof membrane, thermal insulation
- 49 200mm dia. pre-heated fresh air outlet
- 50 350mm existing brick wall
- 51 150/350 mm steel lintel
- 52 adhesive joint
- 53 gutter
- 54 wooden railing

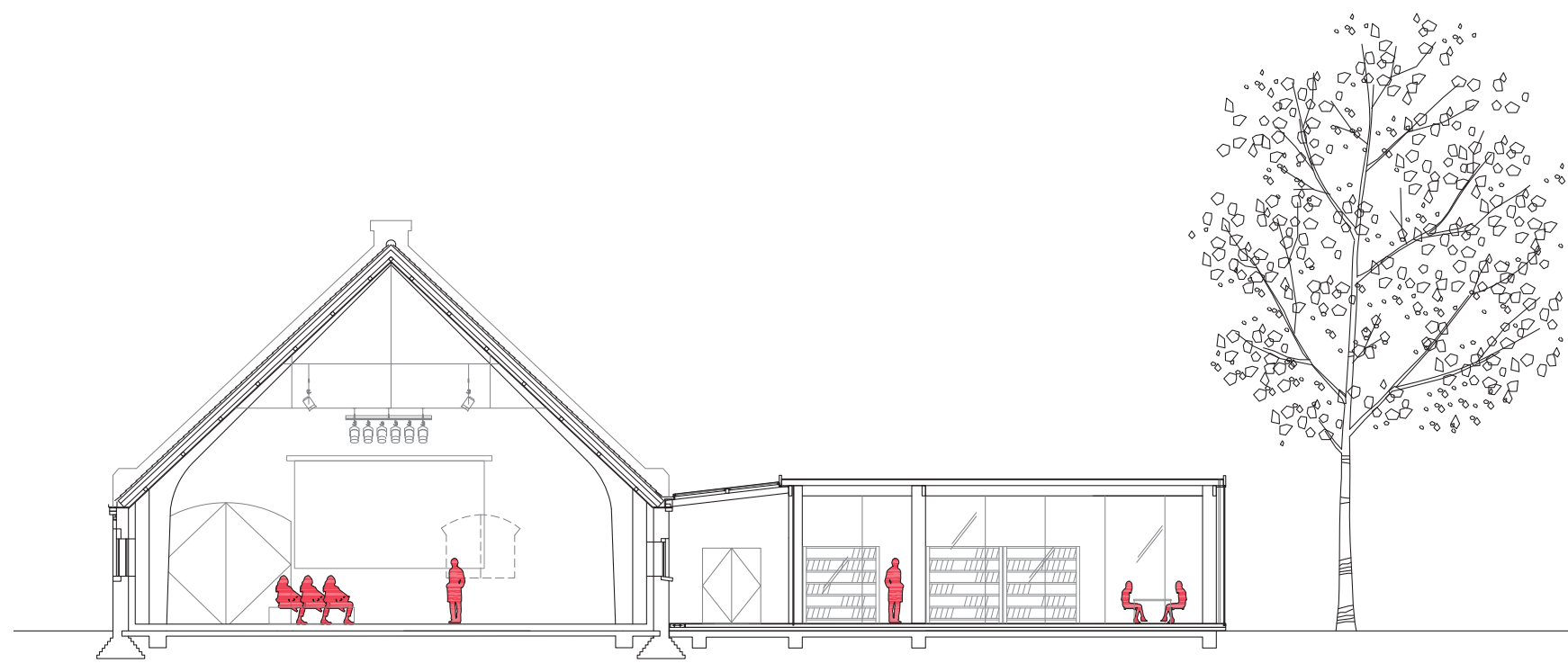




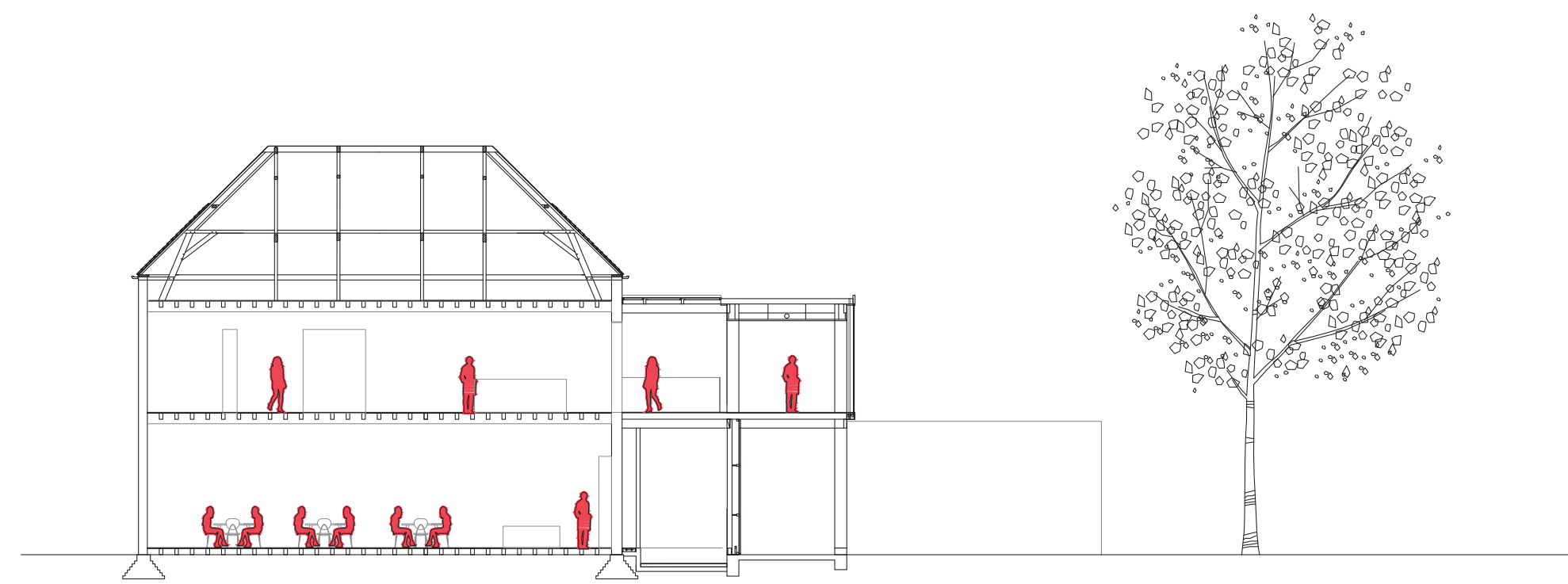
0.5 Floor Plan 1:200



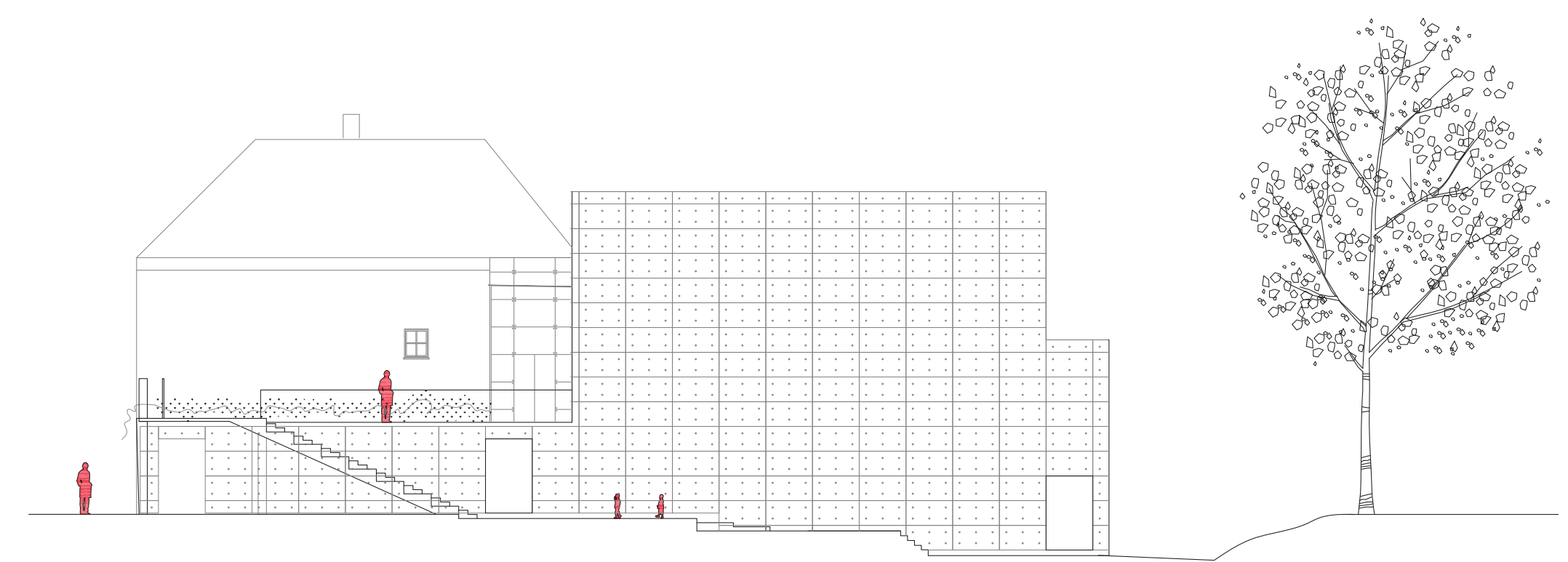
1 Floor Plan 1:200



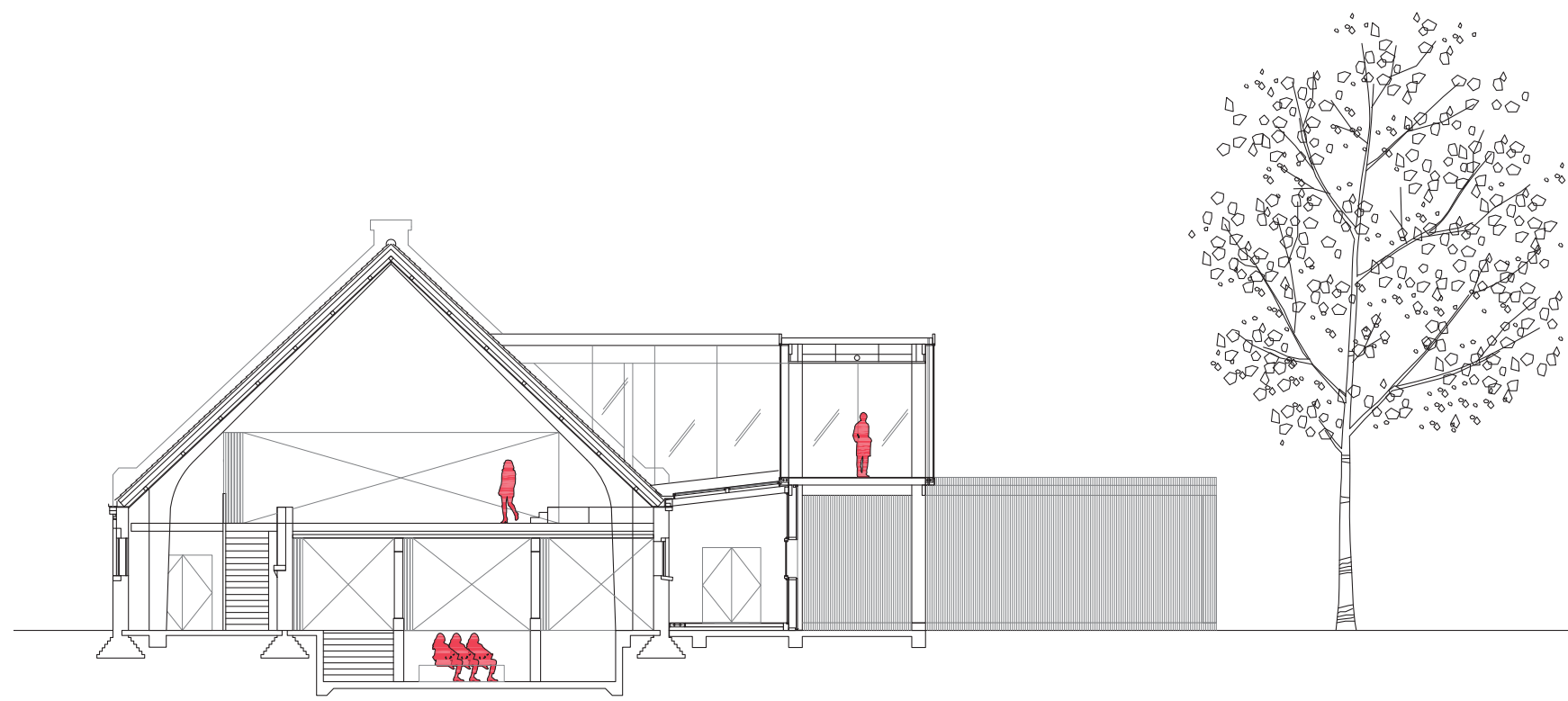
SECTION II'



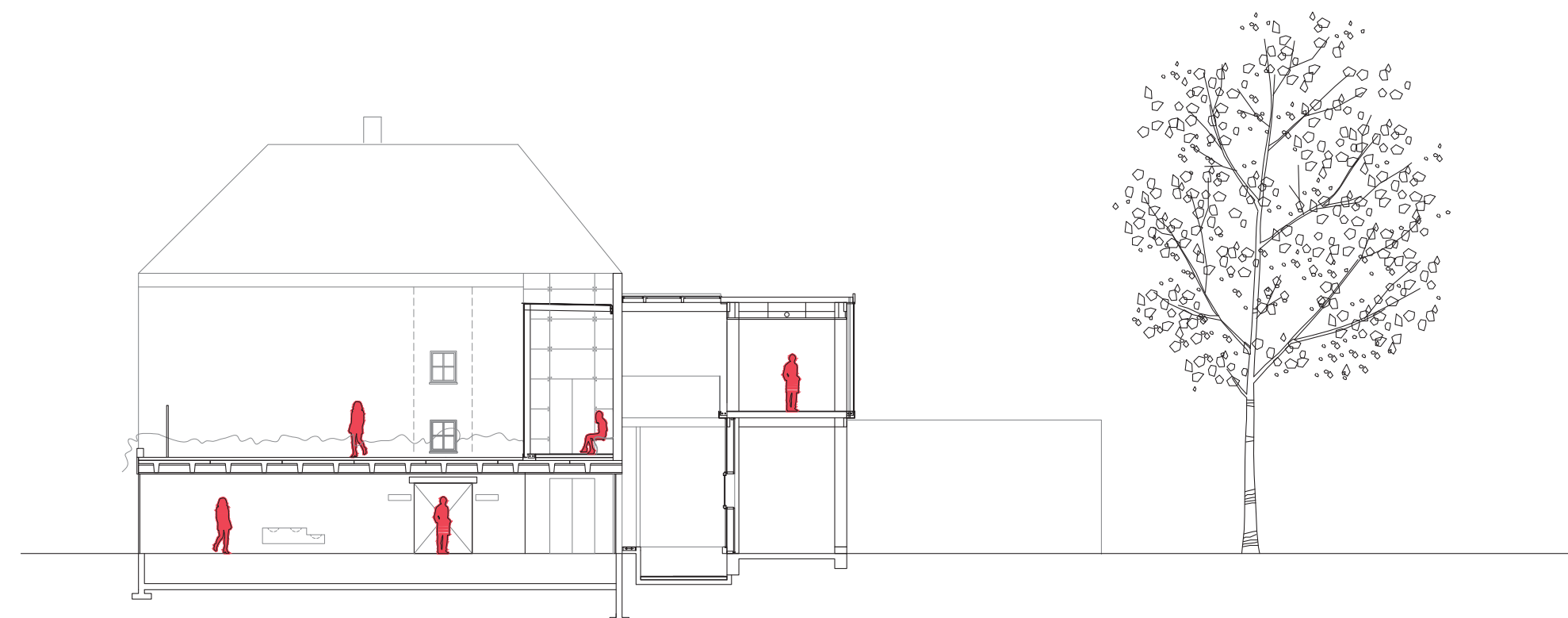
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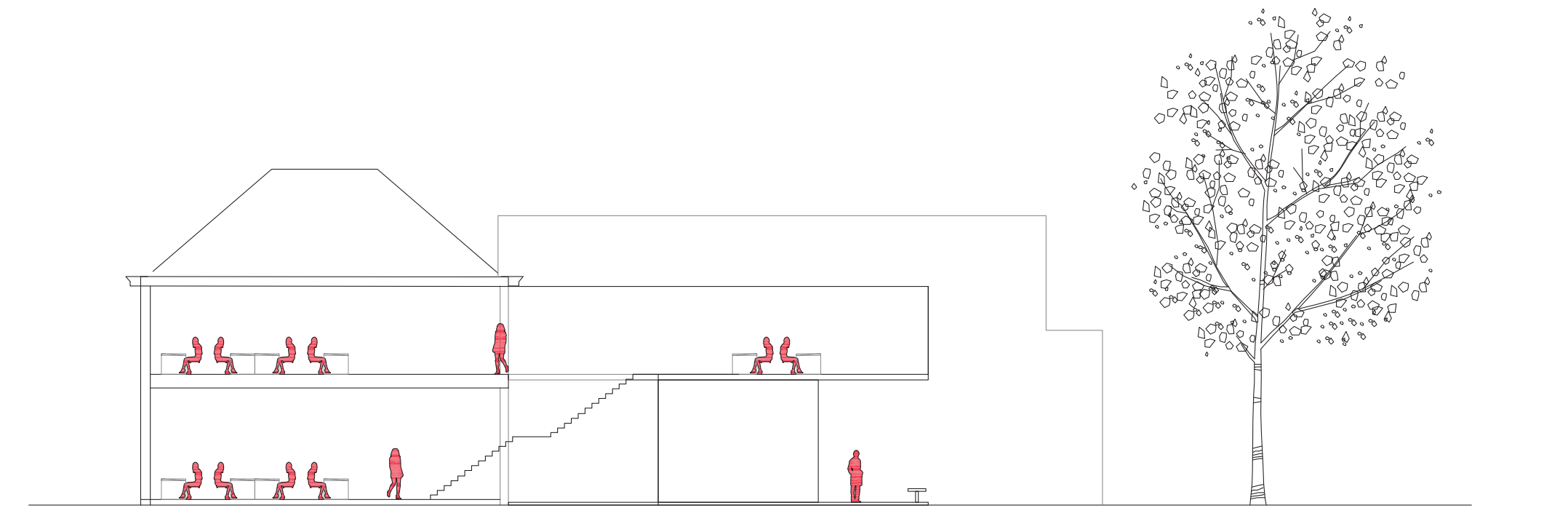
SECTION CC'



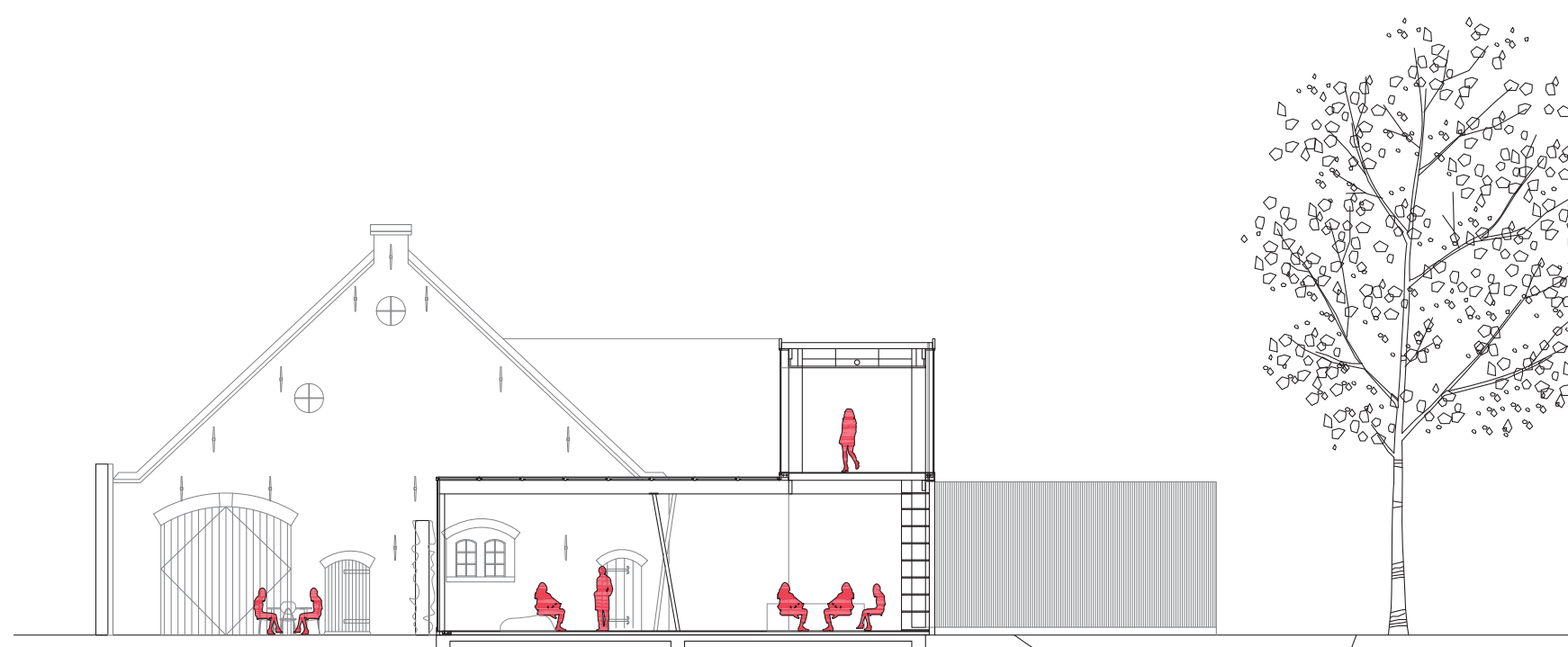
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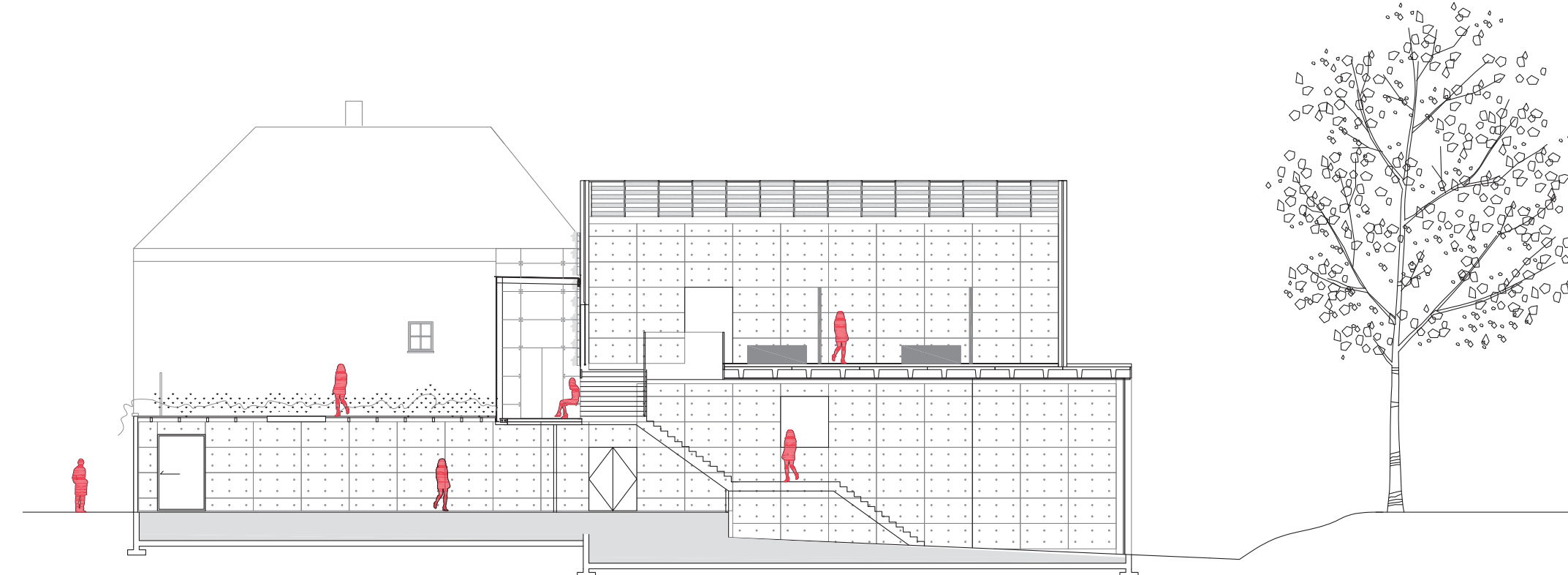
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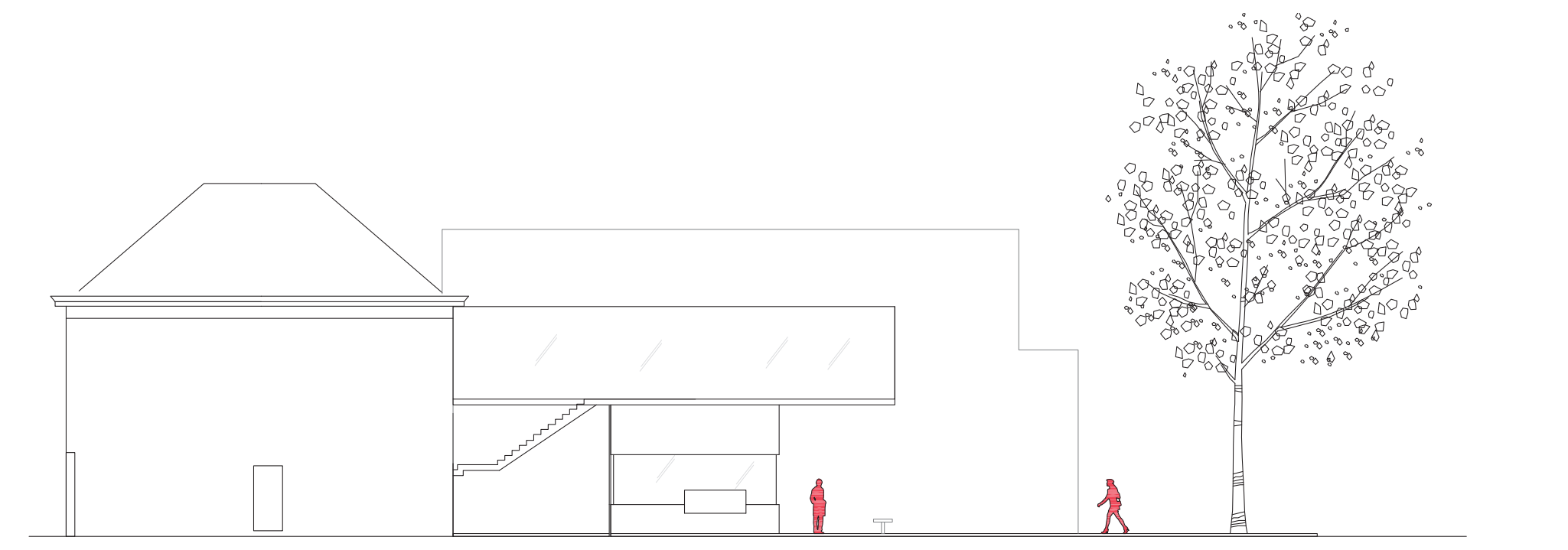
SECTION BB'



SECTION GG'



SECTION DD'3



SECTION AA'