



Masterplan 1:1000

The Reconstruction of old villa

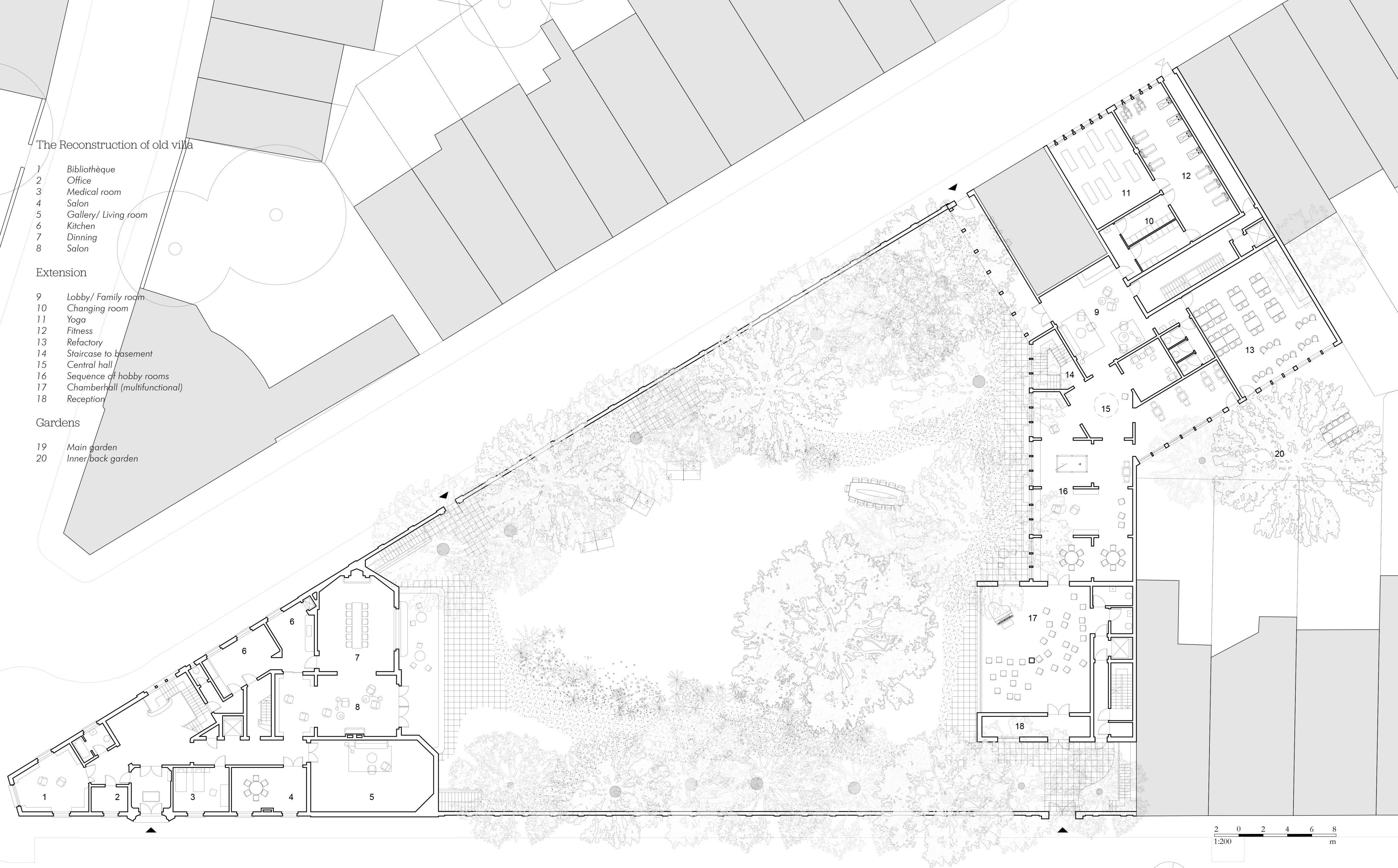
- 1 Bibliothèque
- 2 Office
- 3 Medical room
- 4 Salon
- 5 Gallery/ Living room
- 6 Kitchen
- 7 Dinning
- 8 Salon

Extension

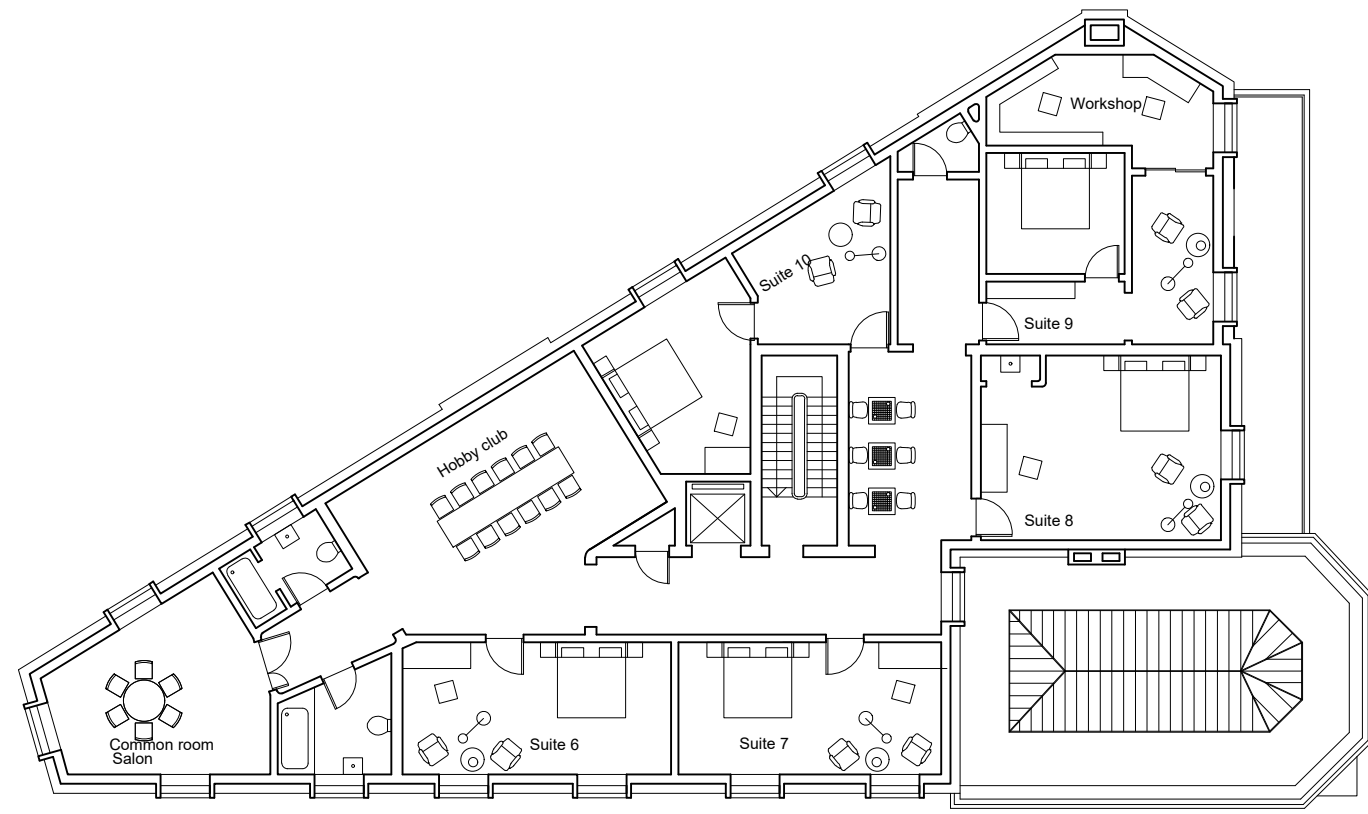
- 9 Lobby/ Family room
- 10 Changing room
- 11 Yoga
- 12 Fitness
- 13 Refactory
- 14 Staircase to basement
- 15 Central hall
- 16 Sequence of hobby rooms
- 17 Chamberhall (multifunctional)
- 18 Reception

Gardens

- 19 Main garden
- 20 Inner/back garden



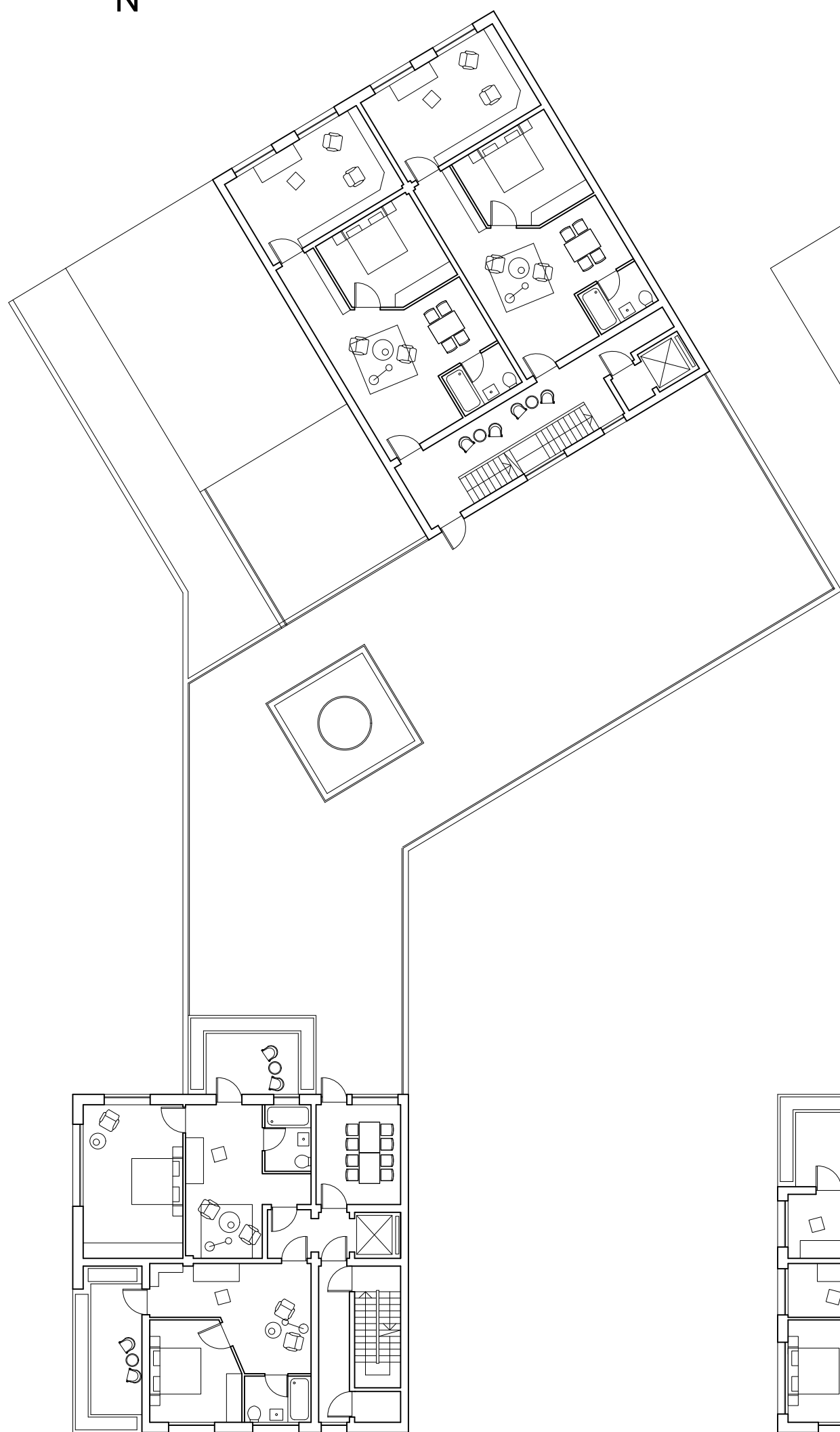
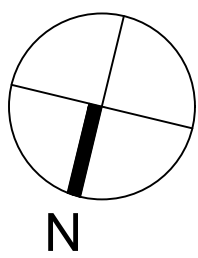
Groundfloor plan 1:200



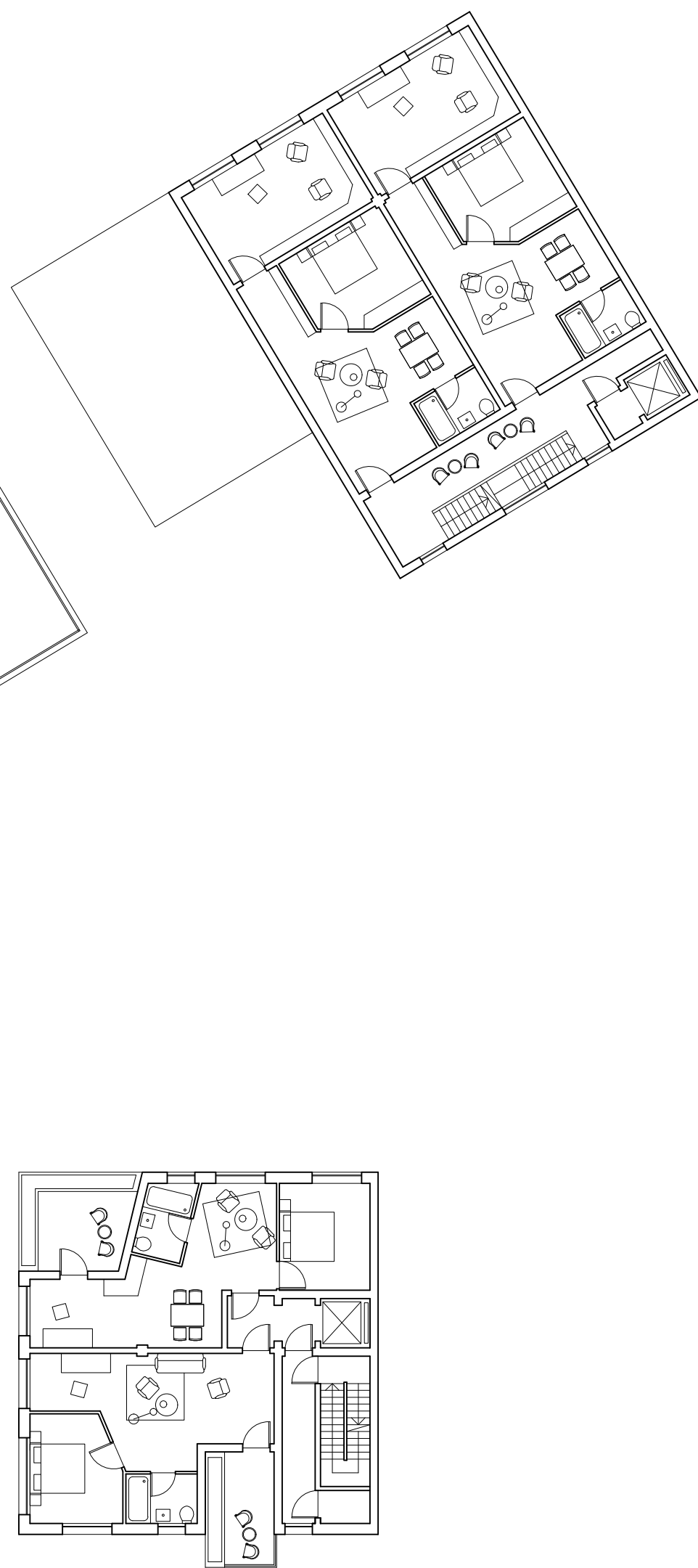
Architectural floor plan of the first floor. The plan shows a large storage area on the left, a central corridor, and a right wing containing an equipment room with ventilation and heating. Entrances are marked for logistics and a main entrance.

- Storage
- Storage
- Storage for kitchen
- Equipment room ventilation
- Equipment room heating
- Logistics entrance
- Logistics entrance

Plans villa 1:200



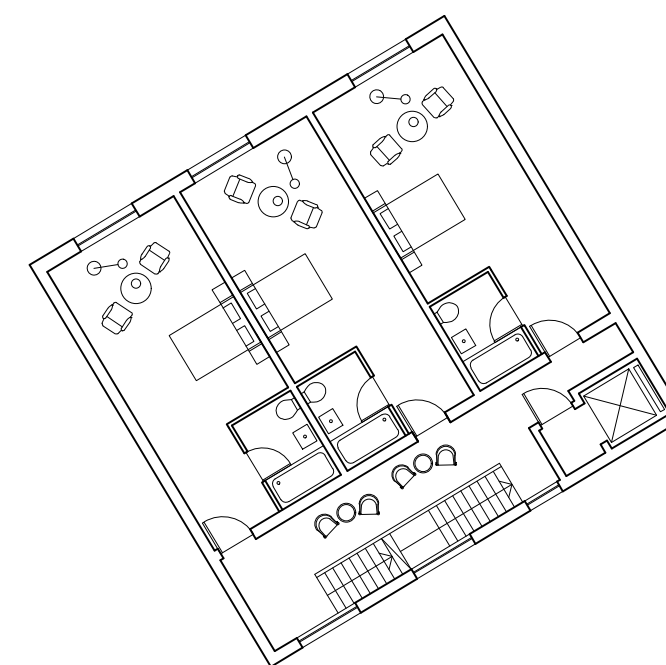
1st Floor Plan 1:200



2nd Floor Plan 1:200

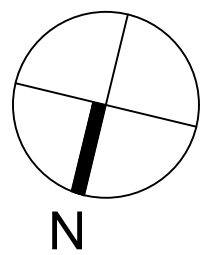


3rd Floor Plan 1:200

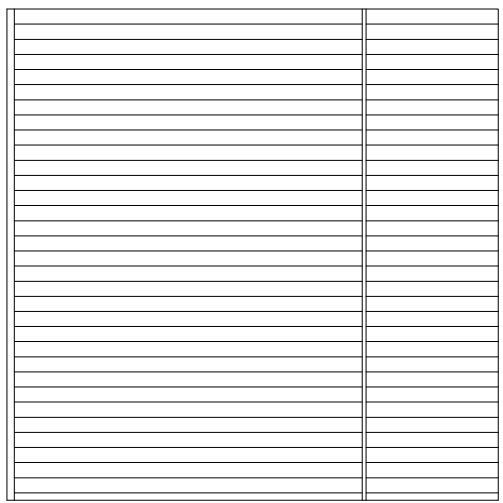
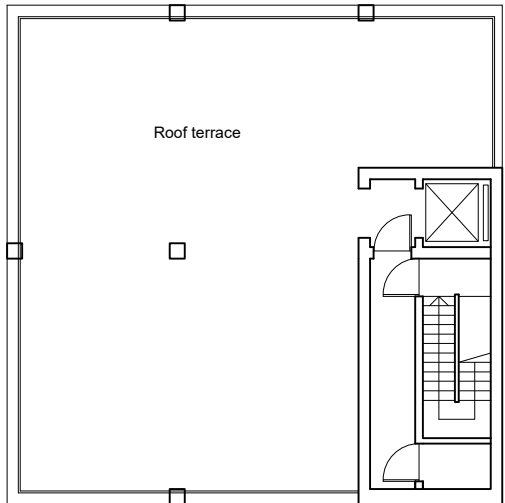
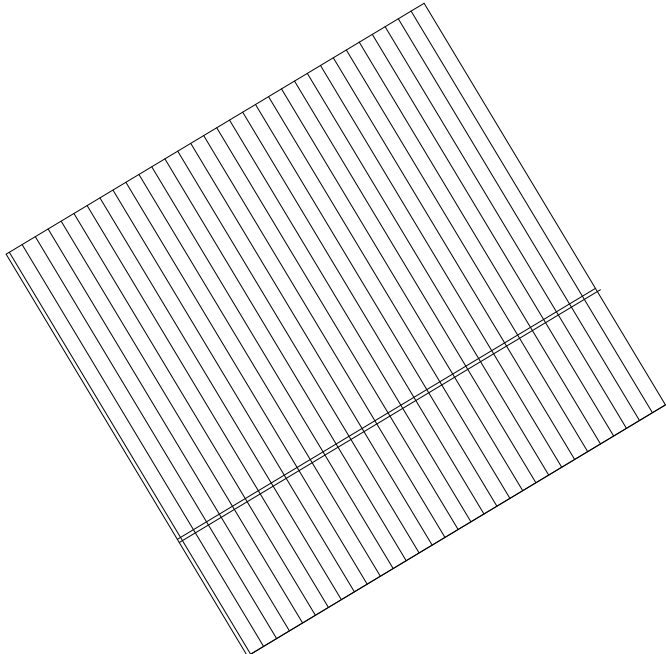
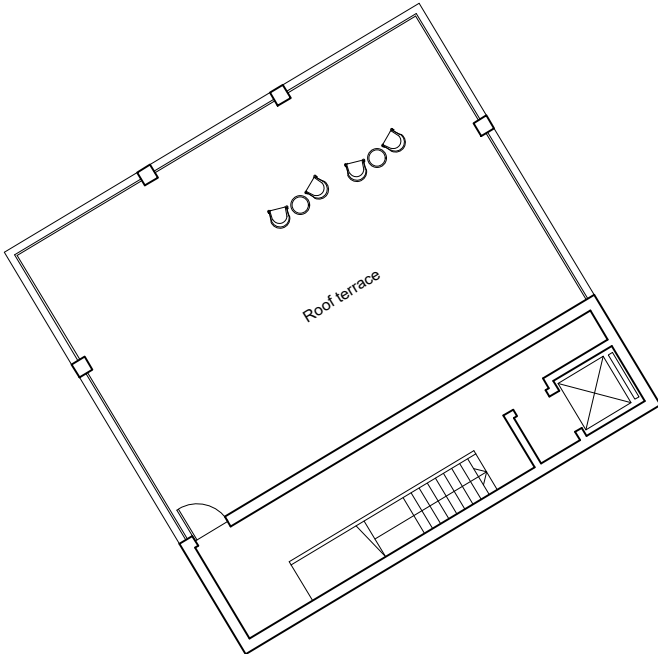
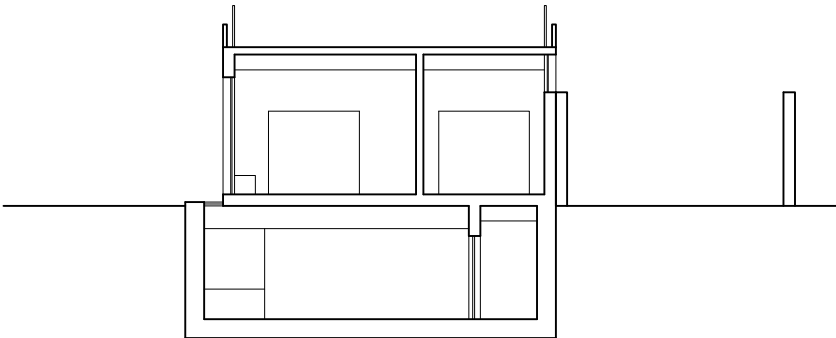


4th Floor Plan 1:200

Plans service center 1:200

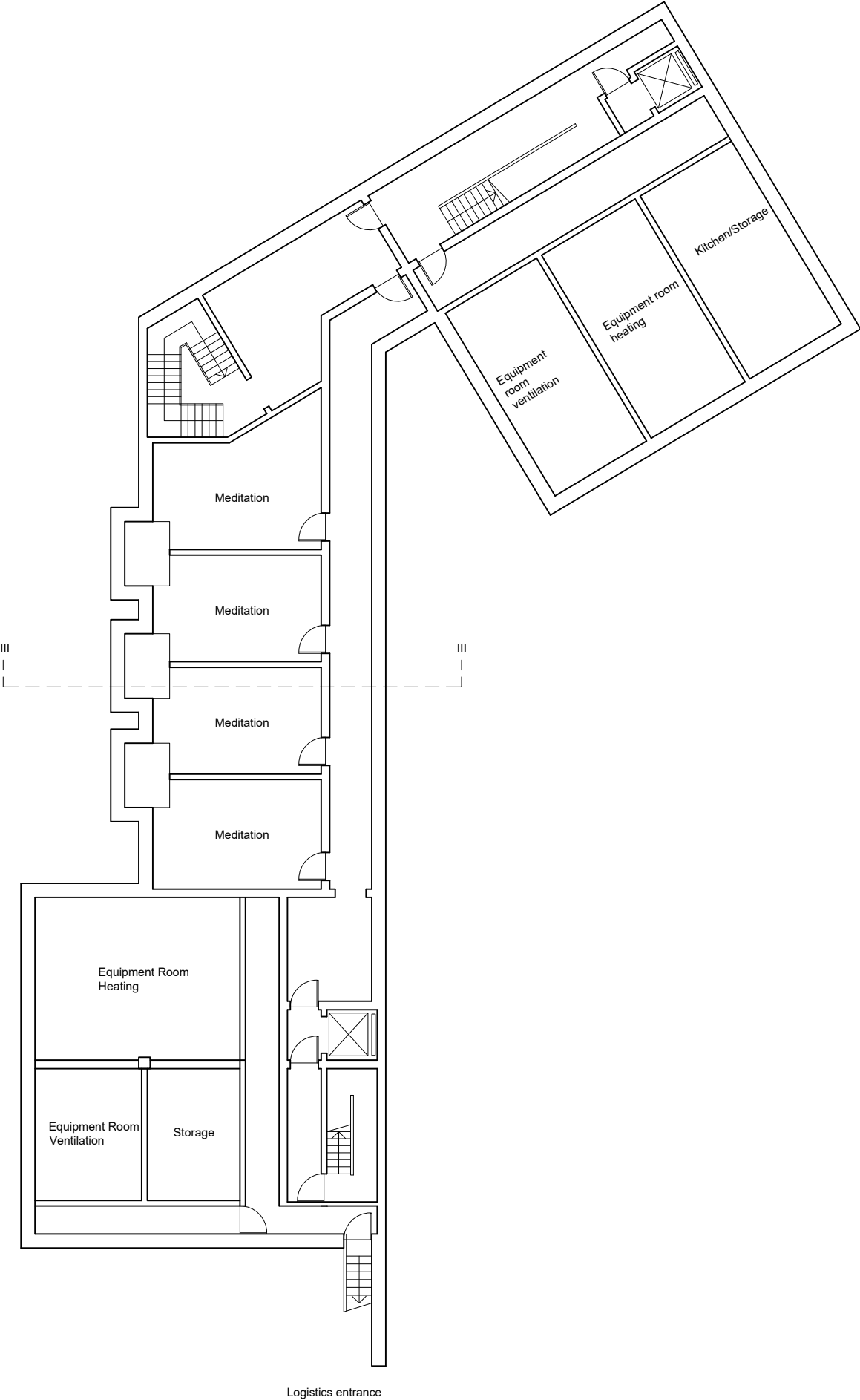


Cross section



4th Floor Plan 1:200

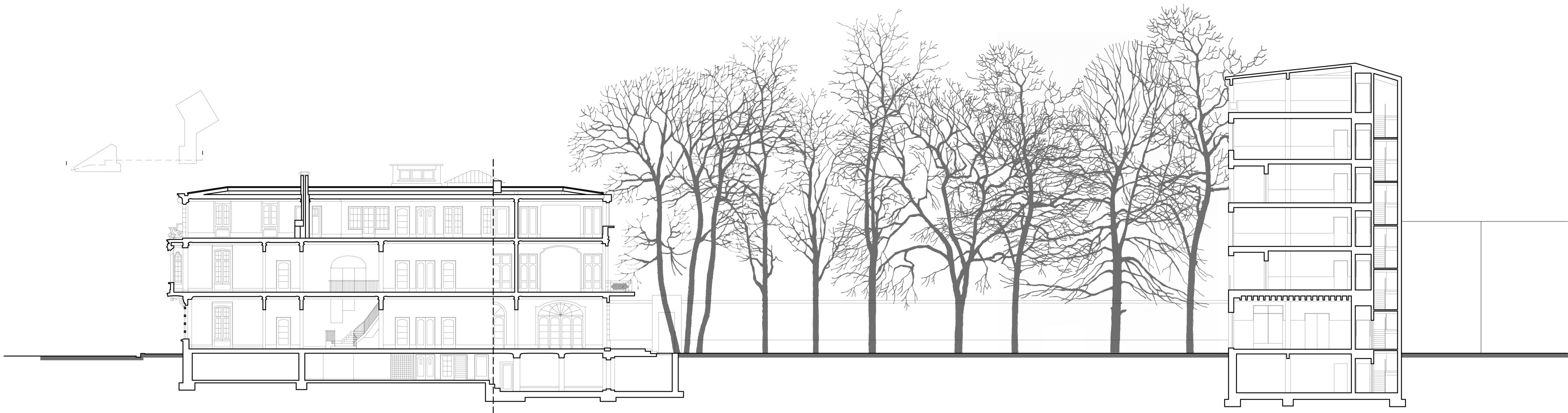
Roof Plan 1:200



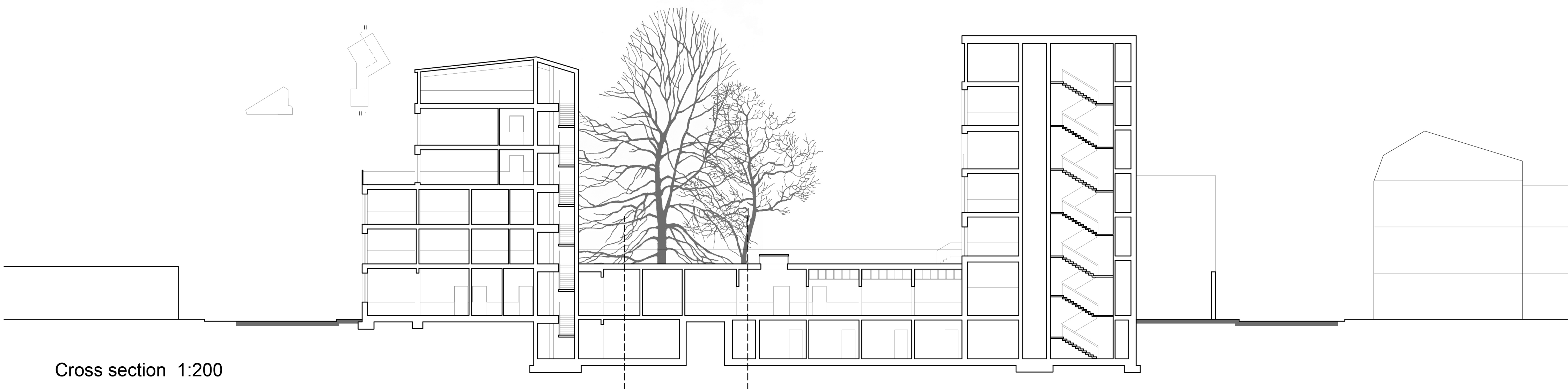
Underground Floor Plan 1:200



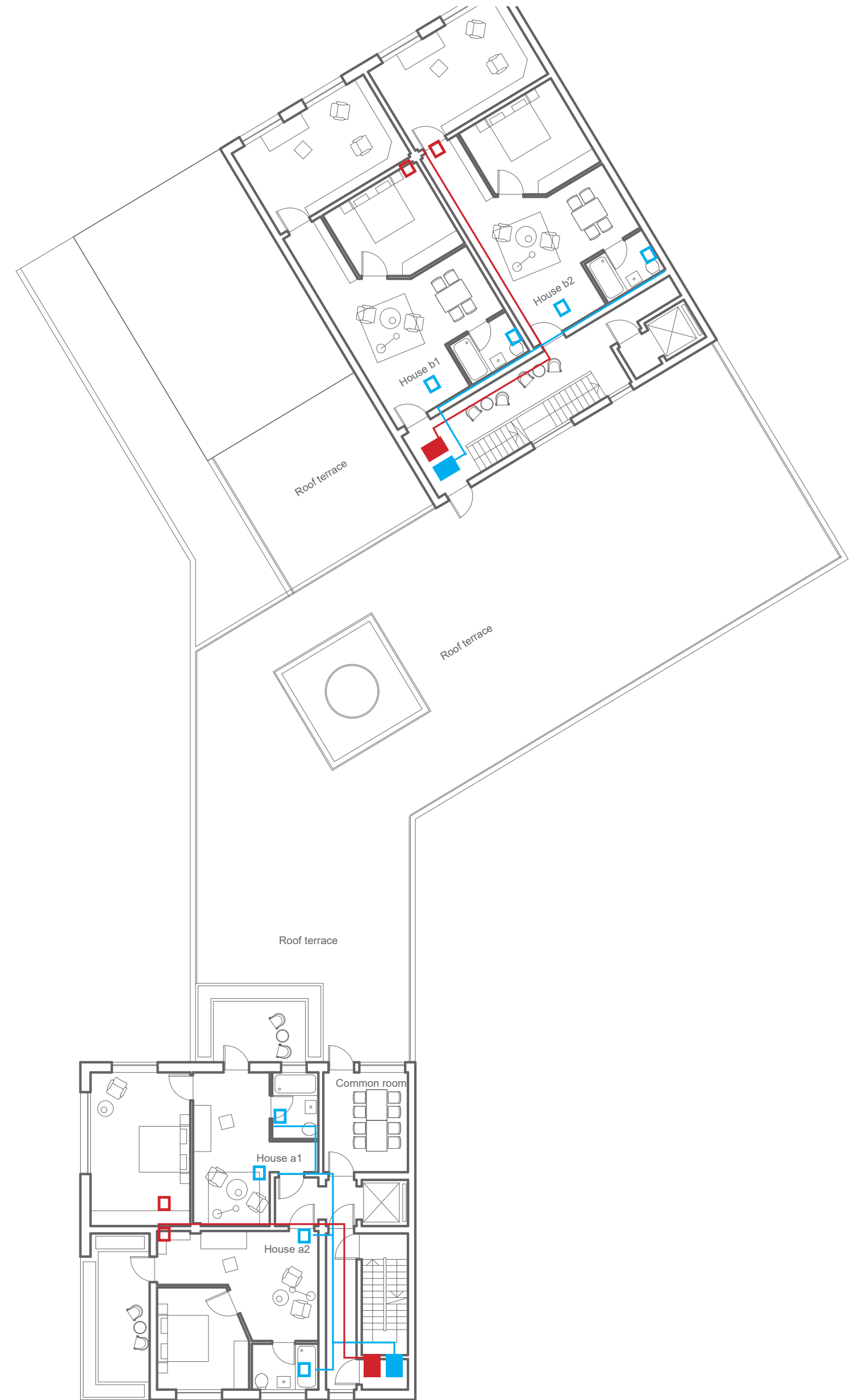
Coupé Anatomique: Villa De Lescluze



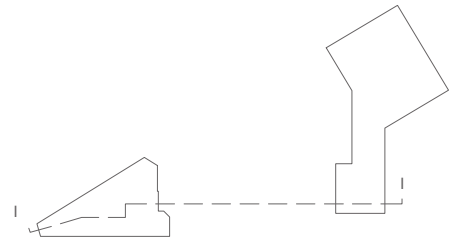
Longitudinal section 1:200



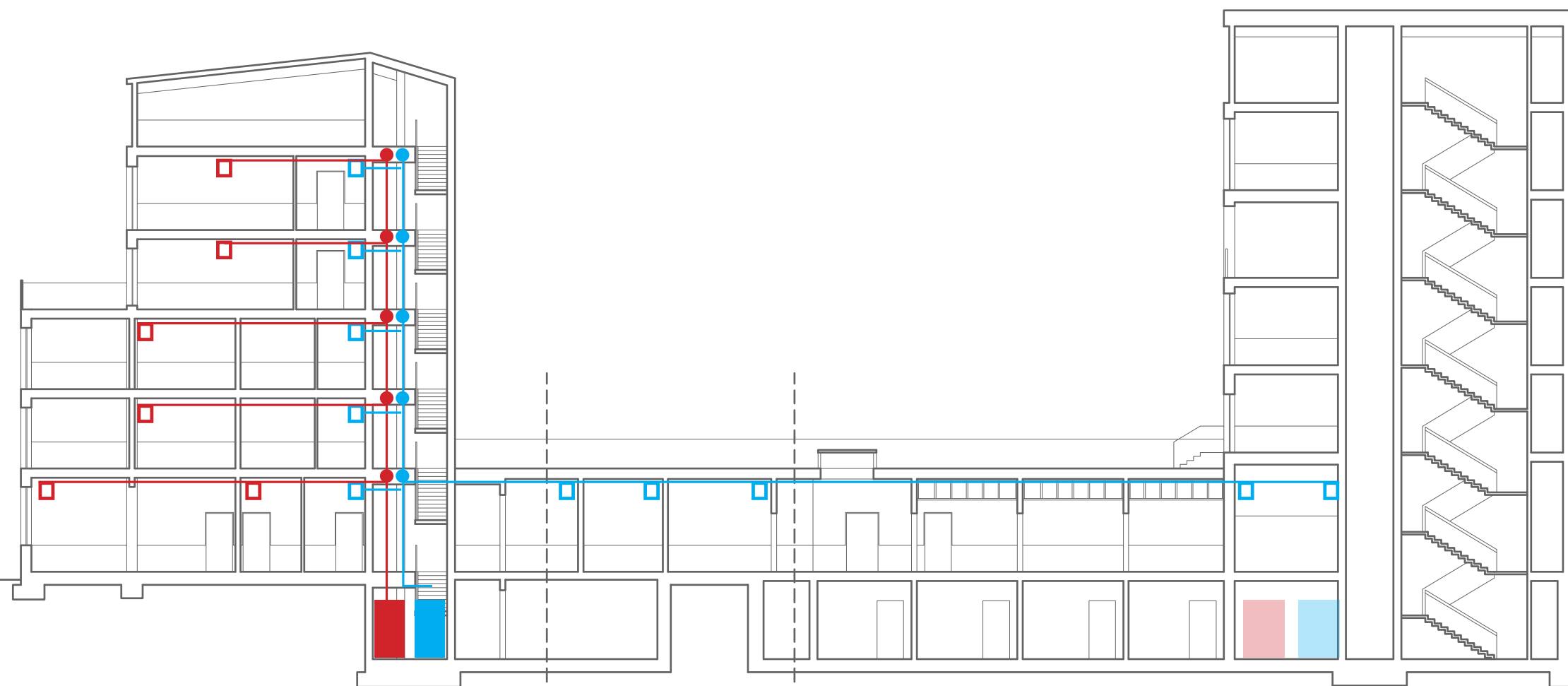
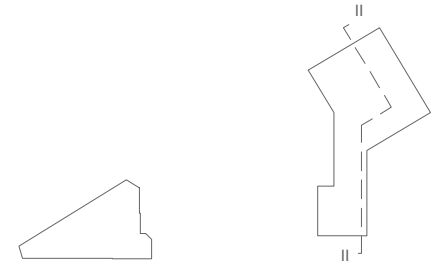
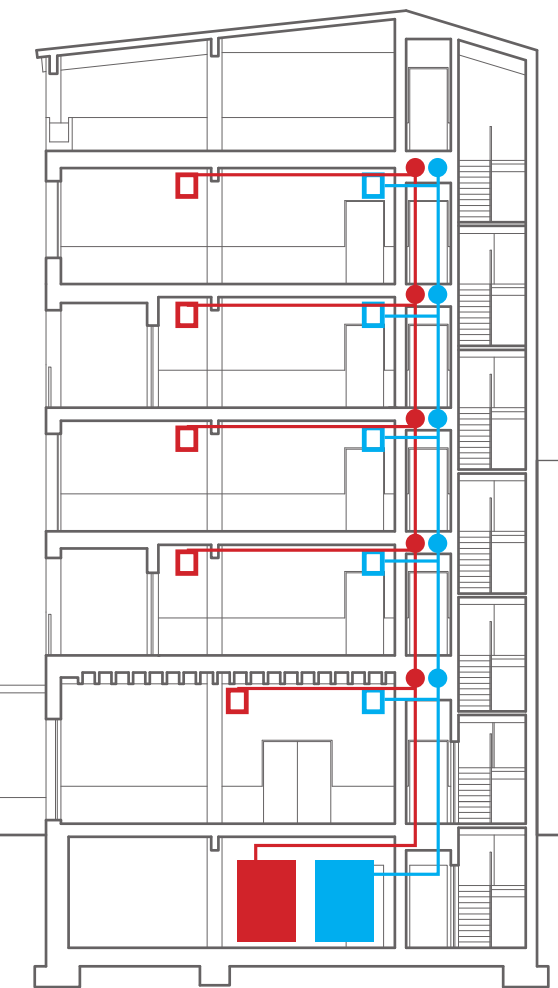
Cross section 1:200



Ventilation

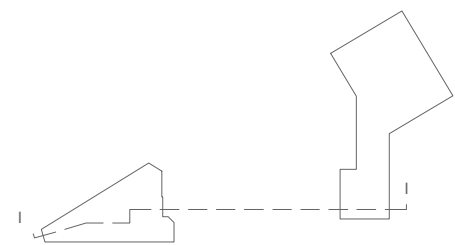


Longitudinal section 1:200

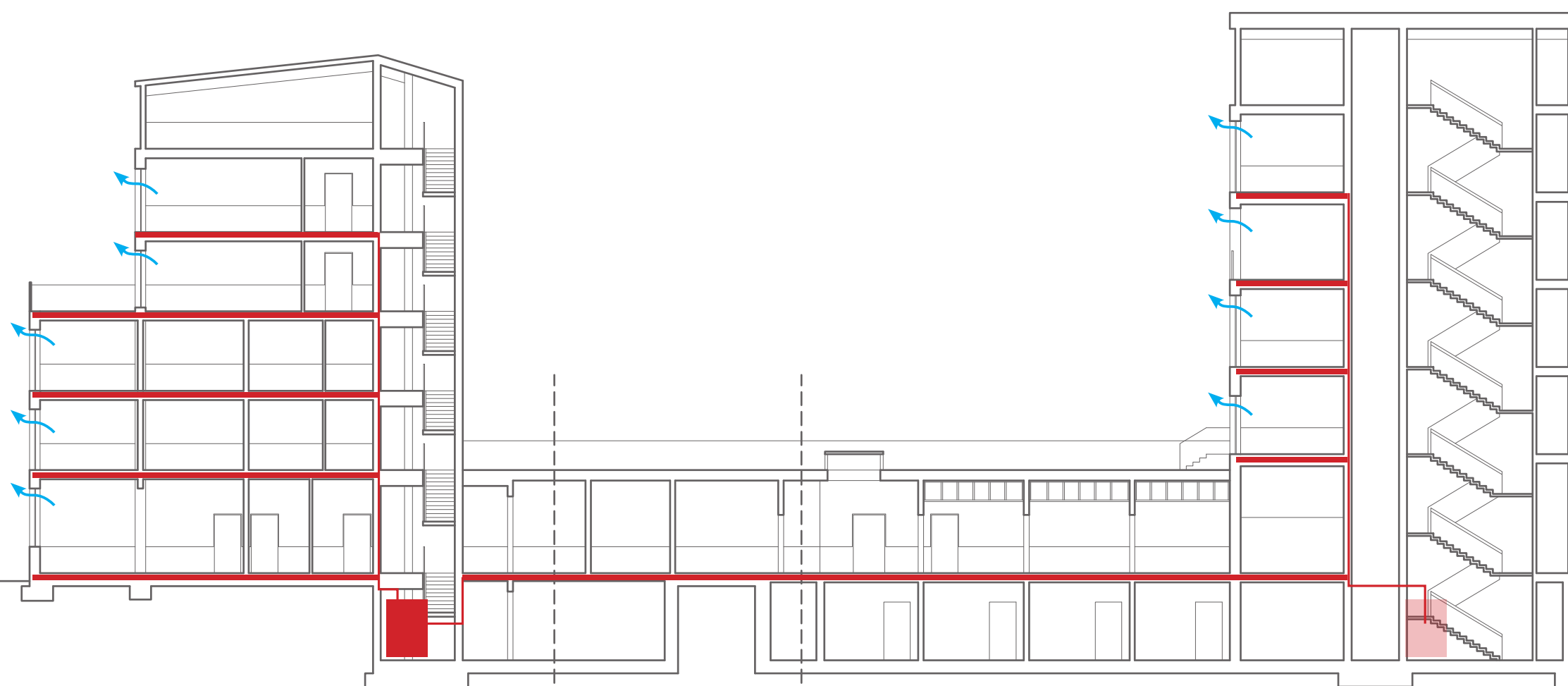
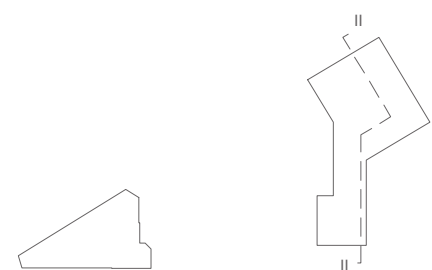
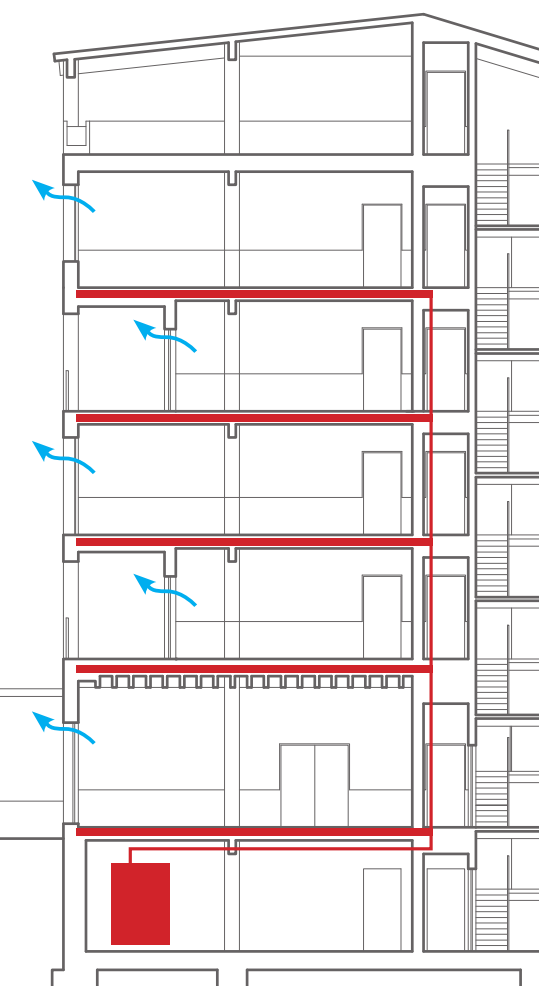


Cross section 1:200

Ventilation section



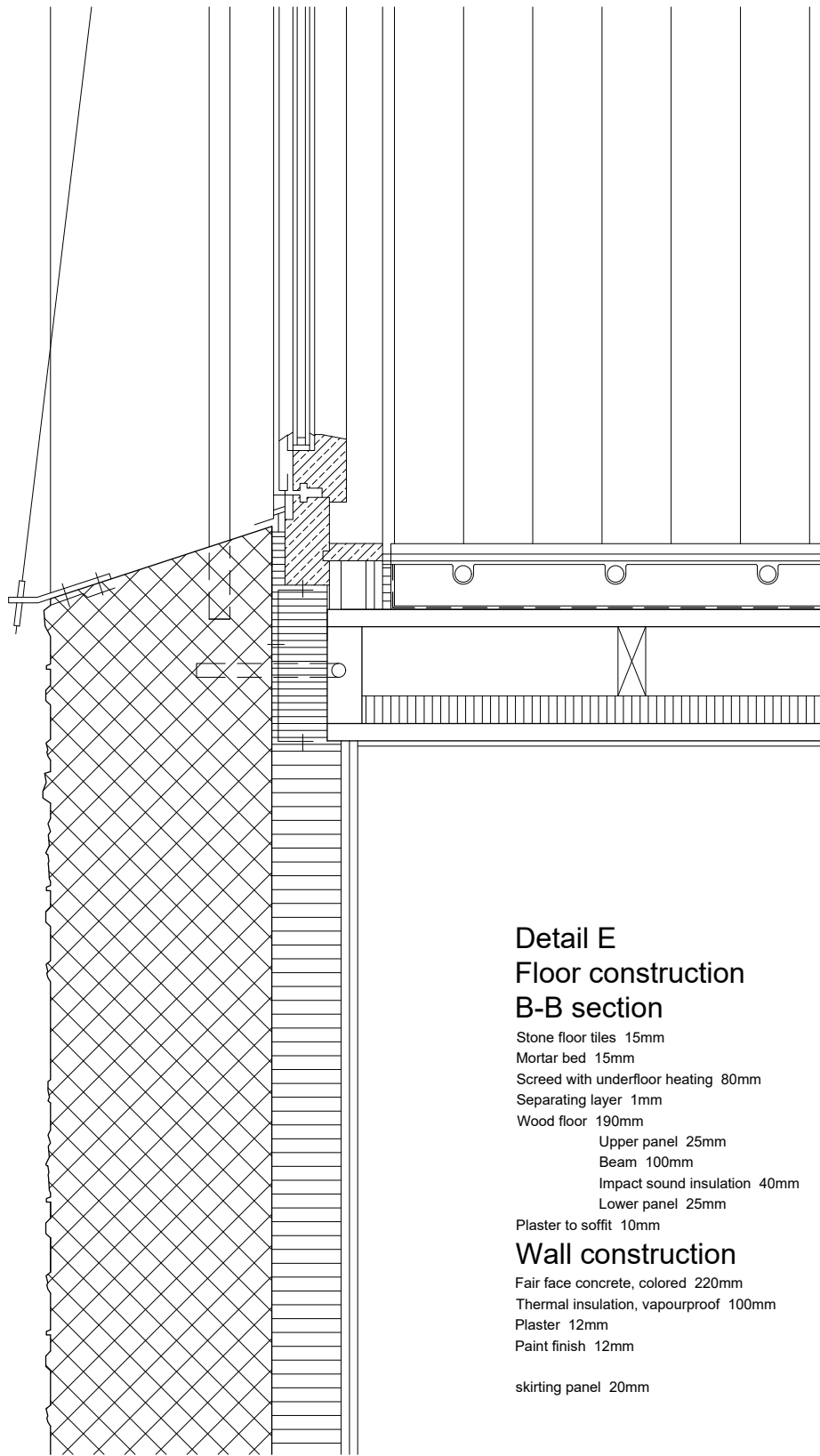
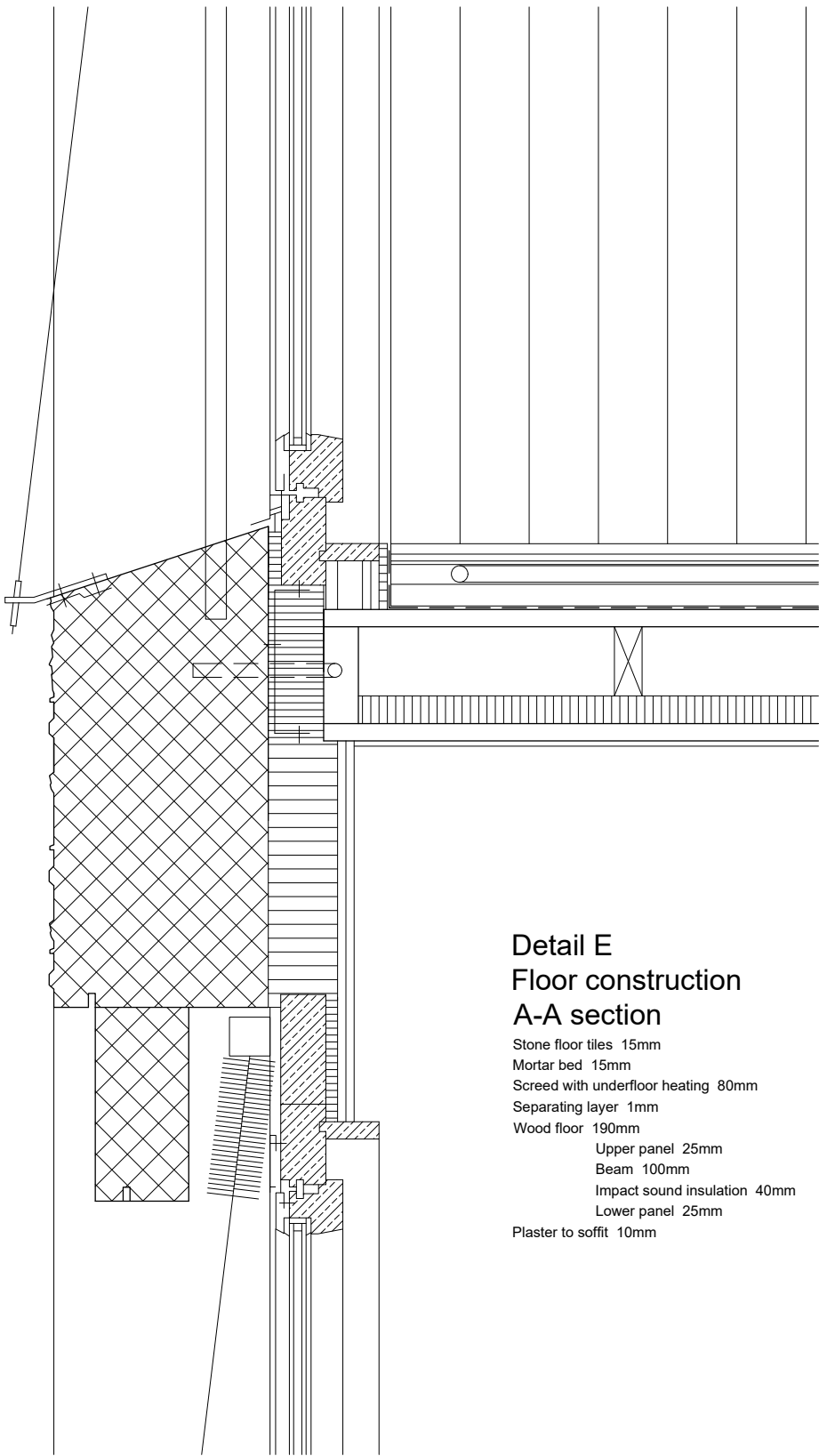
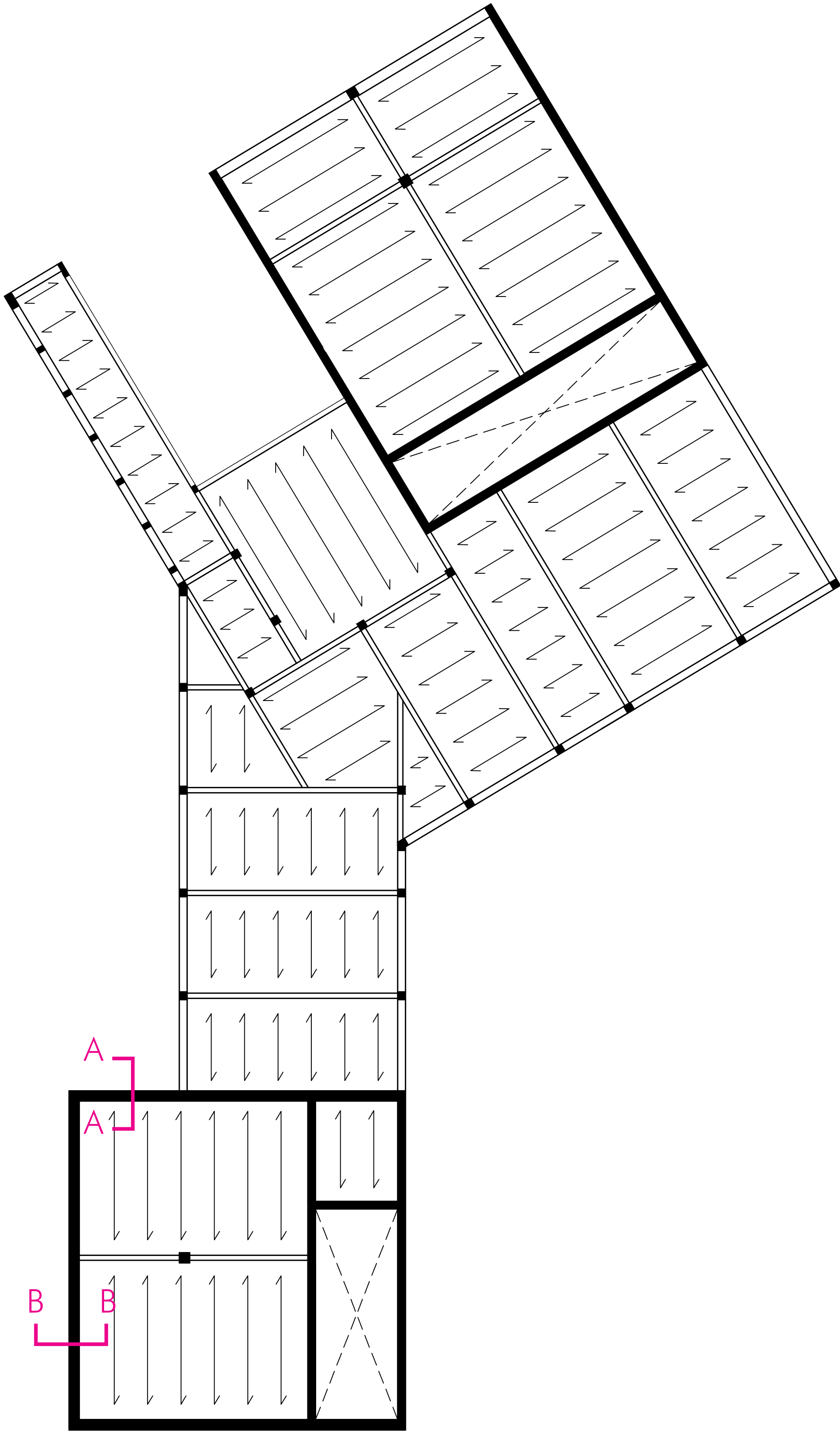
Longitudinal section 1:200



Cross section 1:200

Heating and cooling section

Structural System





Facade fragment & section 1:20

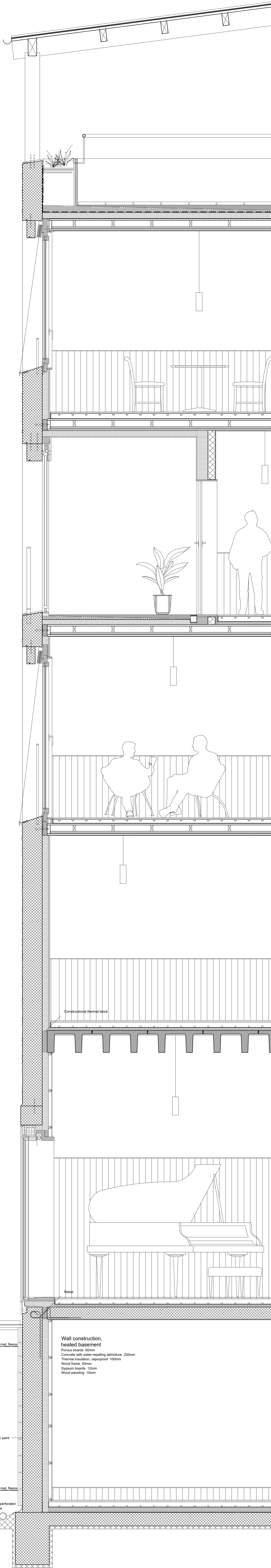
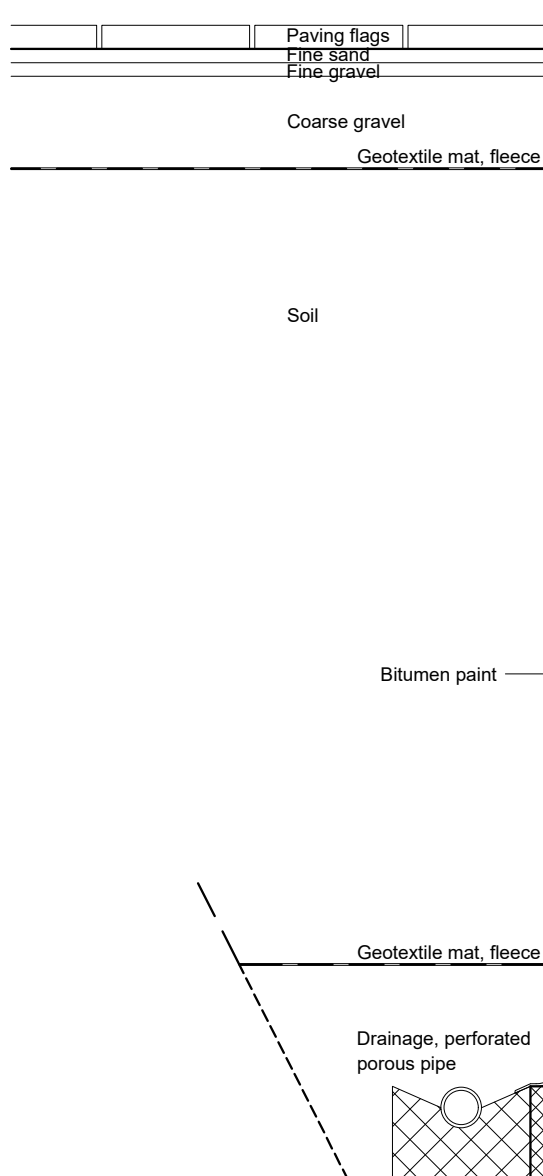
Roof canopy
Zinc board 10mm
Waterproofing mat 1mm
Wood panel of finished 40mm
Wooden beam 100mm

Floor construction
Concrete slabs, 60 x 60 cm 50mm
Chippings, (drainage layer) 50mm
Screed laid to fall, 1.5%
Rubber mat 15mm
Waterproofing (Sarnafil FG 63 - 13)
Thermal insulation 100mm
Vapor barrier
Cablestayed polymeric roofing laid in hot bitumen
Separation layer
Wood floor 150mm
Upper panel 25mm
Beam 100mm
Impact sound insulation 40mm
Lower panel 25mm
Plaster to soffit 10mm

Floor construction, loggia
Concrete slab in situ
Screed laid to fall, 1.5 %
Separating layer 1mm
Impact sound insulation 40mm
Wood floor 150mm
Upper panel 25mm
Beam 100mm
Impact sound insulation 40mm
Lower panel 25mm
Plaster to soffit 10mm

Wall construction
Fair face concrete, colored 220mm
Thermal insulation, vaporproof 100mm
Plaster (double layer) 24mm
Wood paneling 15mm

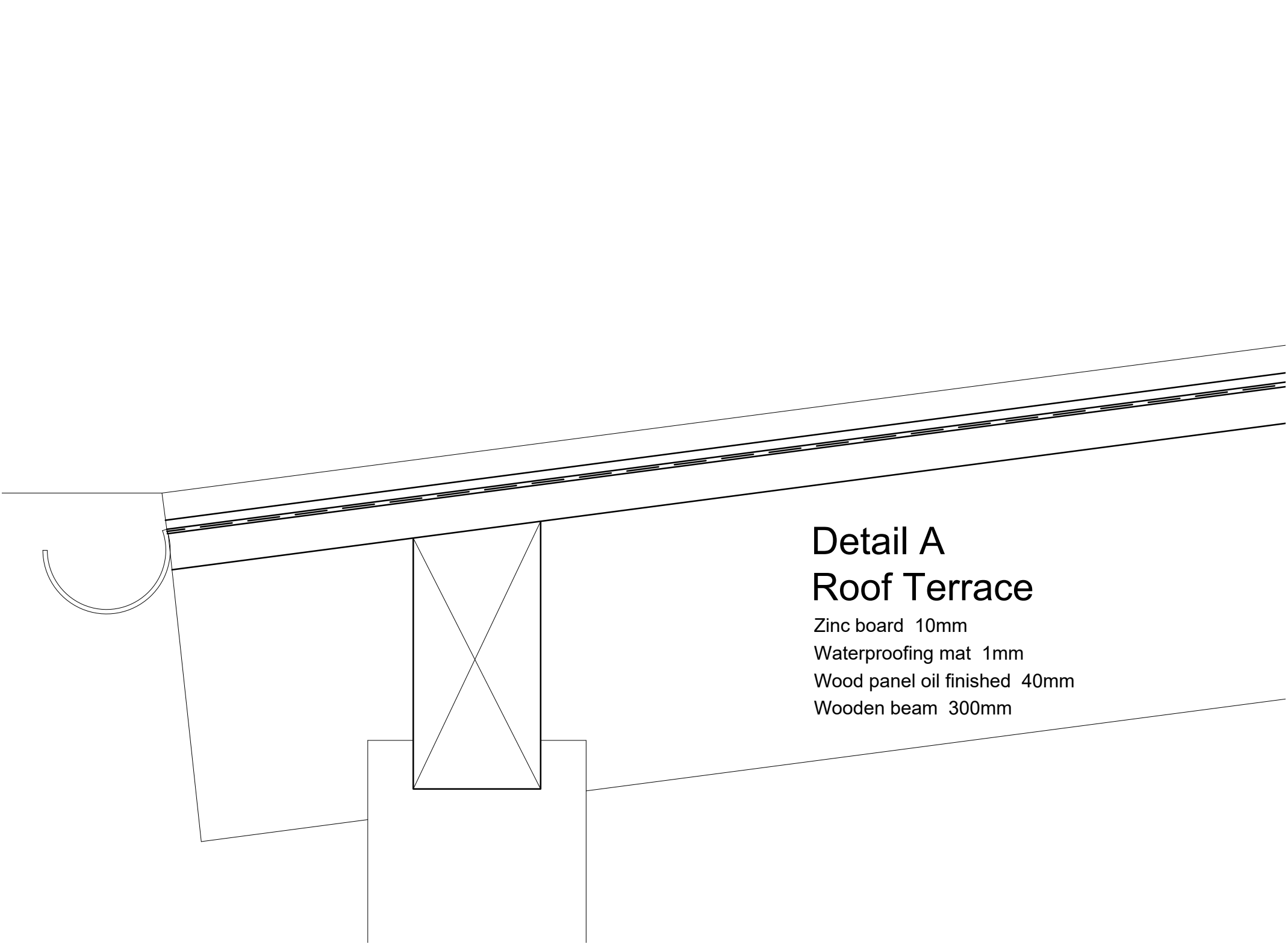
Wall construction,
heated basement
Porous boards 60mm
Concrete with water-repelling admixture 220mm
Thermal insulation, vaporproof 100mm
Wood frame 50mm
Gypsum boards 12mm
Wood paneling 15mm



Floor construction
Stone floor tiles 15mm
Mortar bed 15mm
Screed with underfloor heating 80mm
Separating layer 1mm
Wood floor 150mm
Upper panel 25mm
Beam 100mm
Impact sound insulation 40mm
Lower panel 25mm
Plaster to soffit 10mm

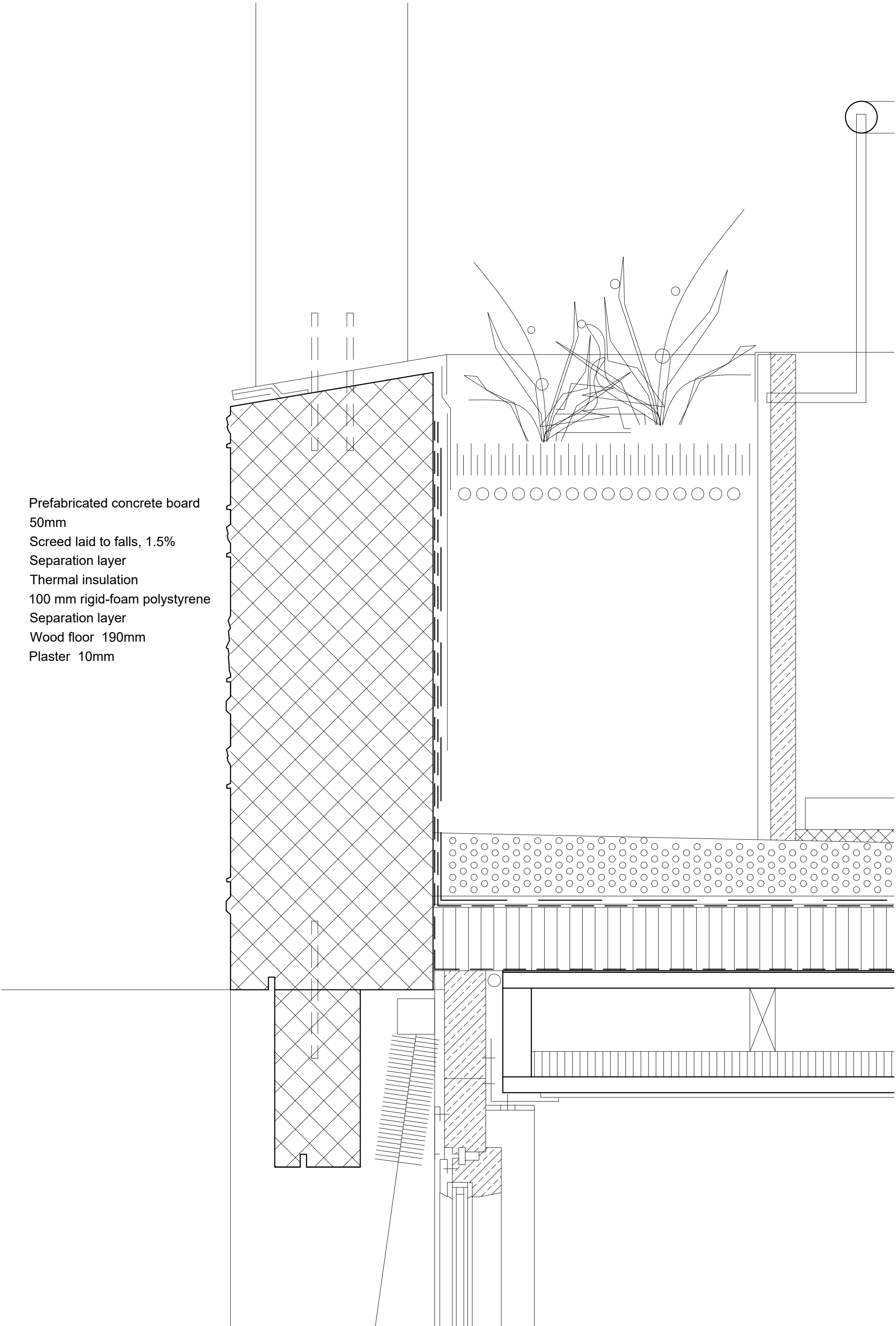
Floor construction, first floor
Stone floor tiles 15mm
Mortar bed 15mm
Screed with underfloor heating 80mm
Separating layer 1mm
Impact sound insulation 40mm
Rubber concrete floor (precast double T elements) 360mm
Beam 200 x 200mm
Wood felt (sound proof) 20mm

Floor construction,
heated basement
Stone floor tiles 15mm
Mortar bed 15mm
Screed with underfloor heating 80mm
Thermal insulation, vaporproof 80mm
Dimple-proof membrane 1mm
Concrete ground slab 200mm
Lean concrete 50mm

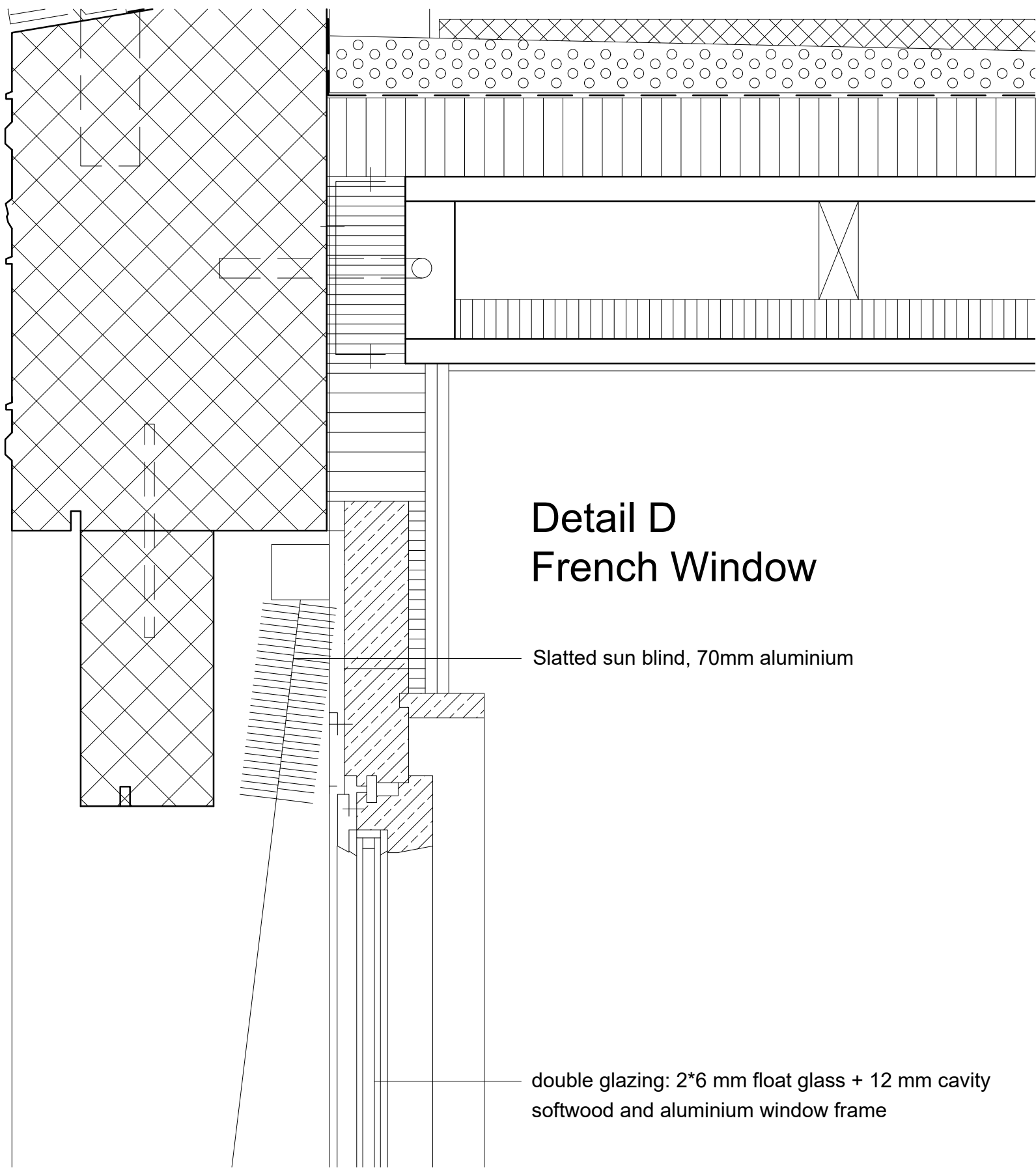


Detail A
Roof Terrace

Zinc board 10mm
Waterproofing mat 1mm
Wood panel oil finished 40mm
Wooden beam 300mm



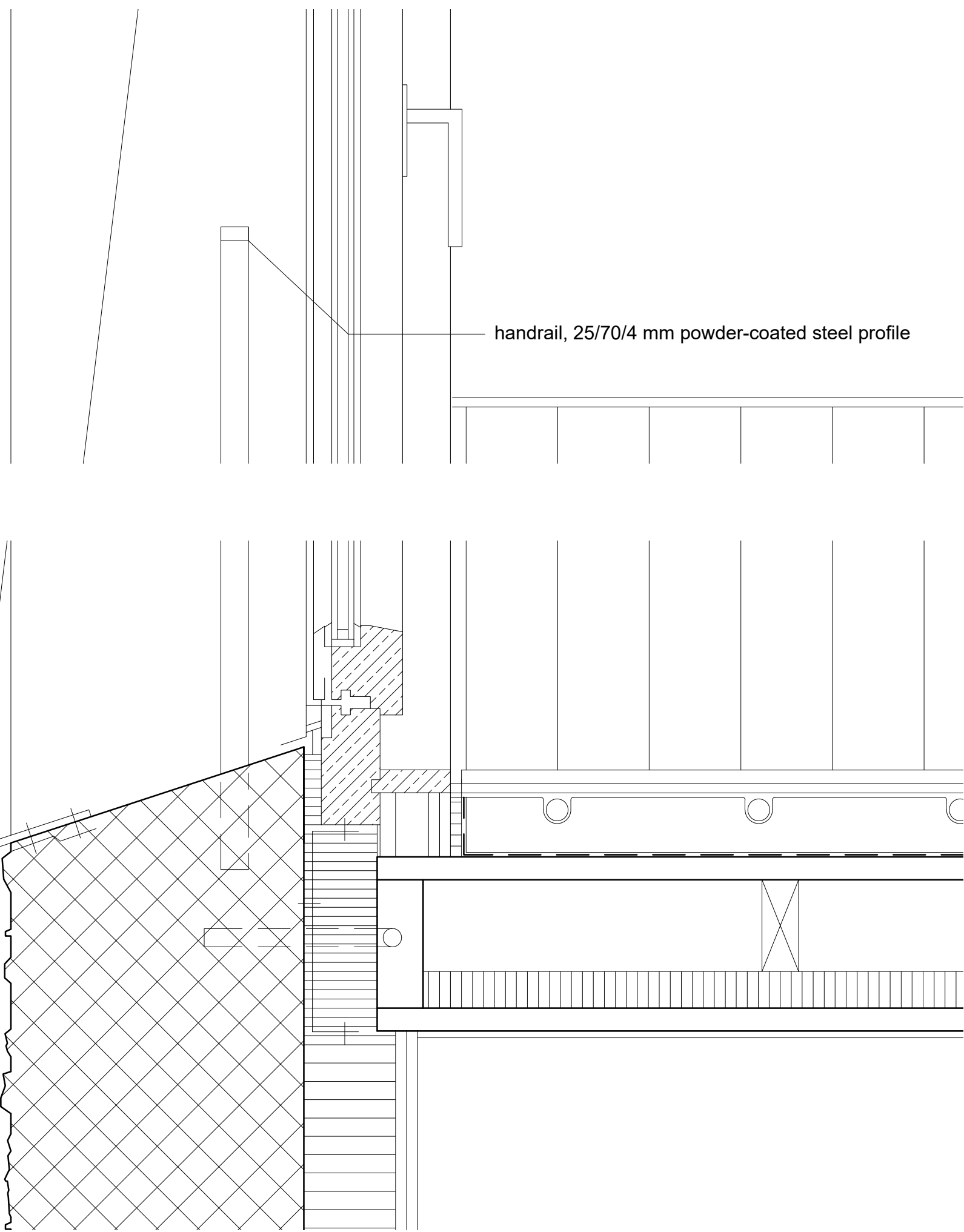
Prefabricated concrete board 50mm
Screed laid to falls, 1.5%
Separation layer
Thermal insulation 100 mm rigid-foam polystyrene
Separation layer
Wood floor 190mm
Plaster 10mm



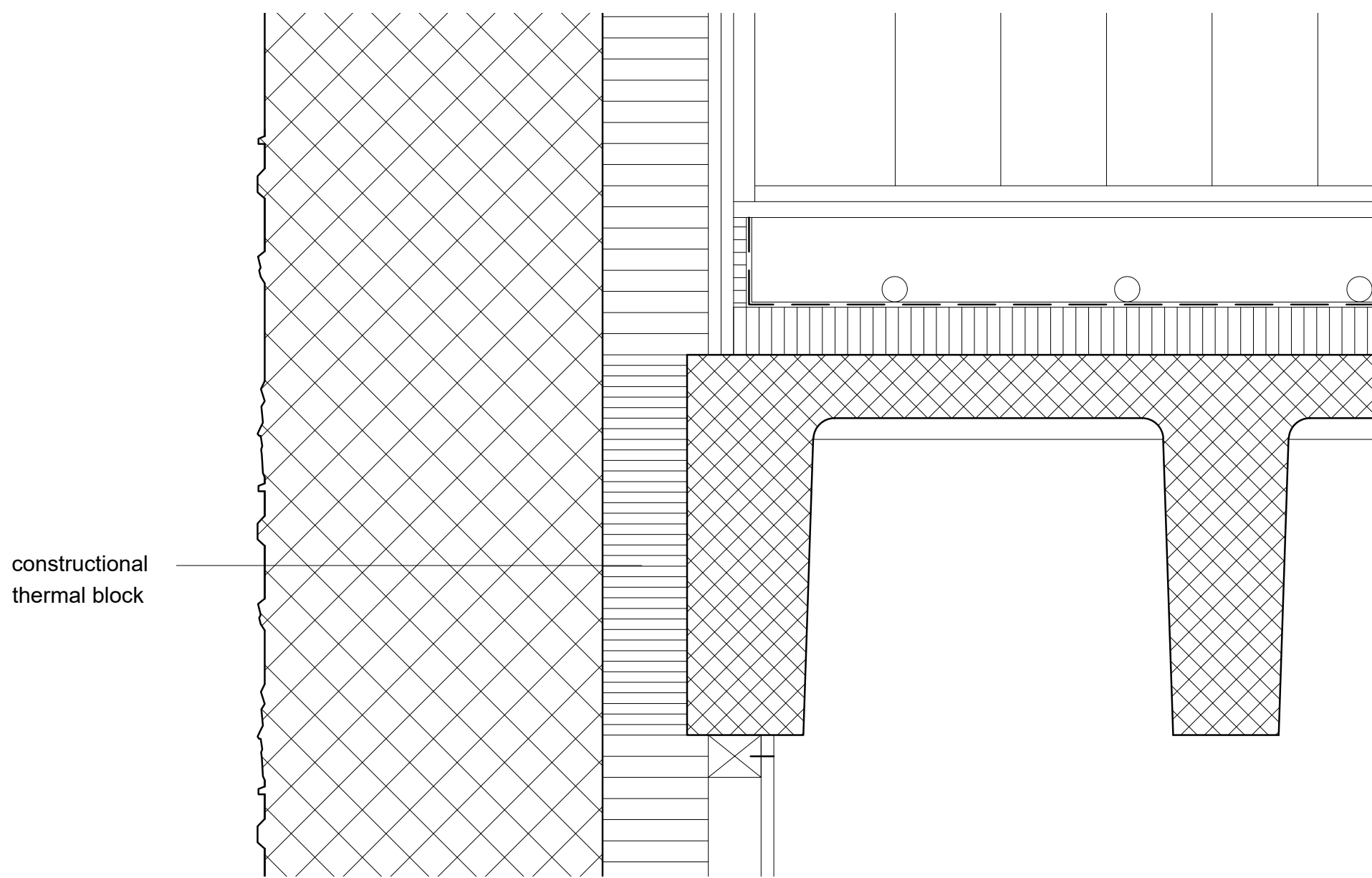
Detail D
French Window

Slatted sun blind, 70mm aluminium

double glazing: 2*6 mm float glass + 12 mm cavity softwood and aluminium window frame

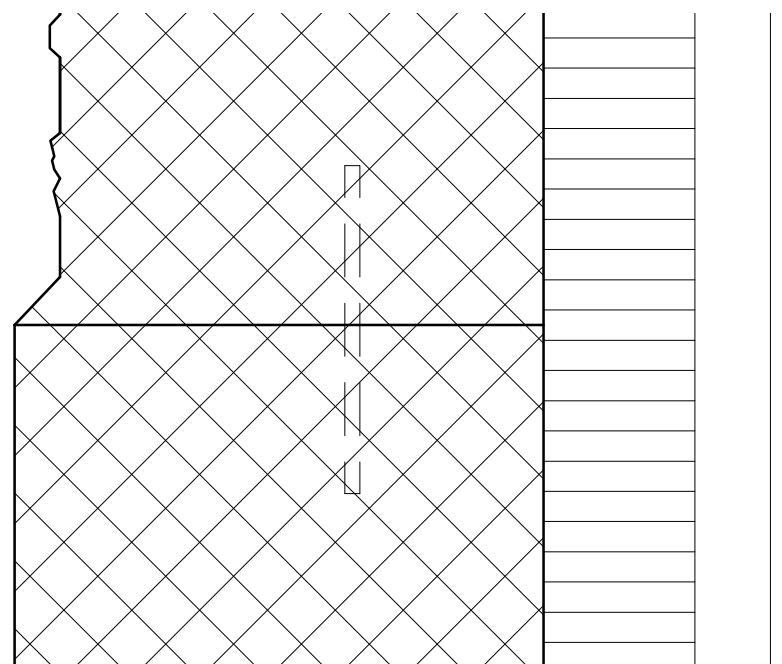


handrail, 25/70/4 mm powder-coated steel profile



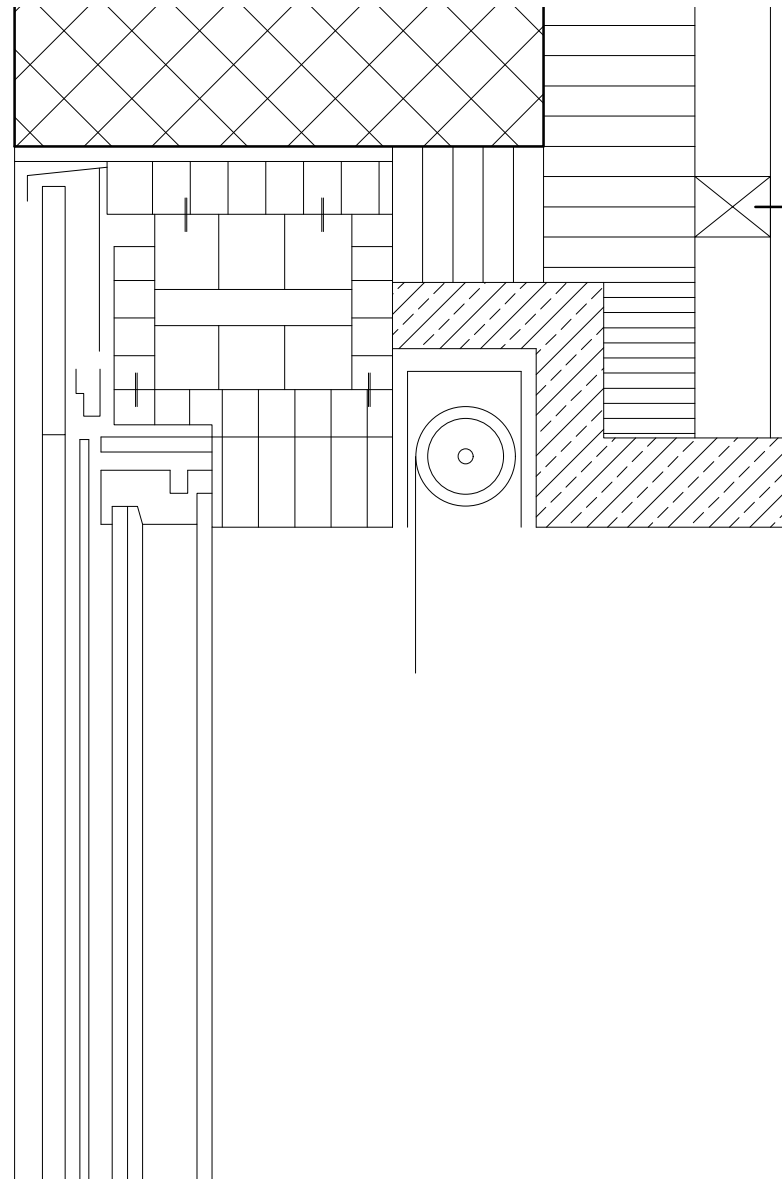
constructional thermal block

Prefabricated concrete beam



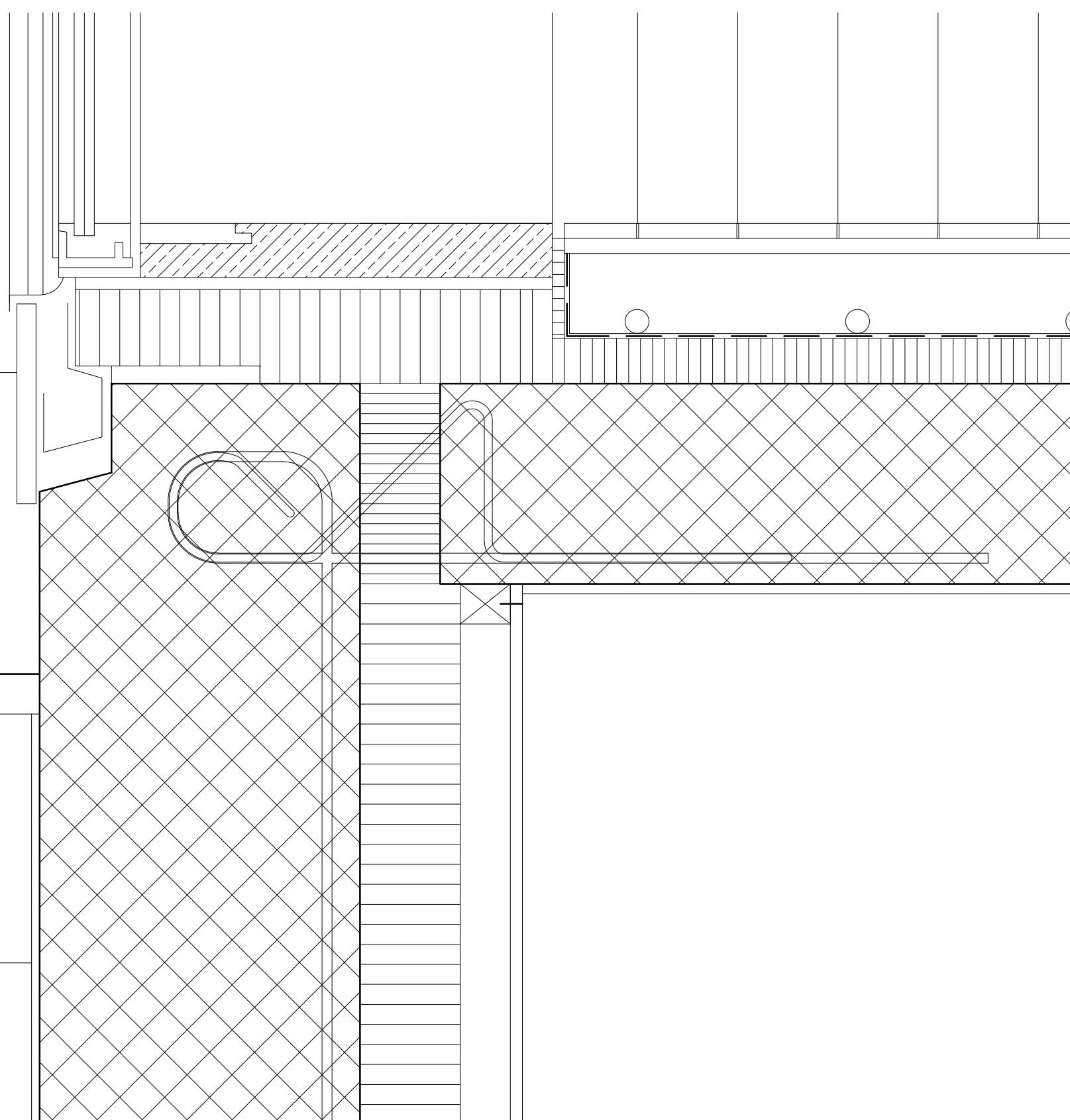
Floor construction, Ground floor

Stone floor tiles 15mm
Mortar bed 15mm
Screed with underfloor heating 80mm
Separating layer 1mm
Impact sound insulation 40mm
Ribbed concrete floor (prefab) 360mm beam: 300*120mm
Wool felt (Sound proof) 20mm



Wall construction

Fair face concrete, colored 310mm
Thermal insulation, vapourproof 100mm
Wood frame 50mm
Gypsum boards 12mm



6mm toughened glass + 16mm cavity + 2*8mm laminated safety glass

22mm 3-ply larch panel, oil finish

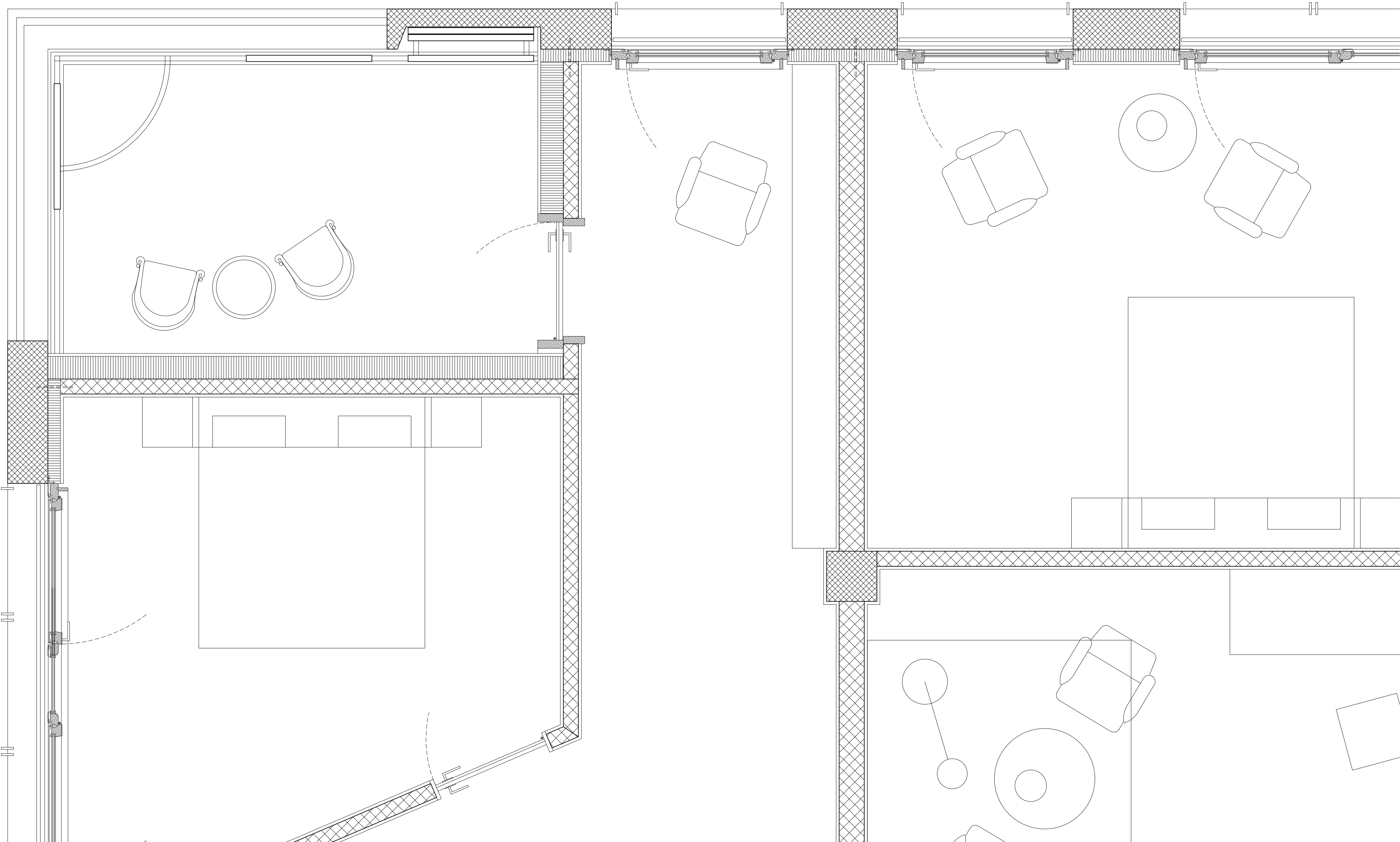
Paving flags

Fine sand

Fine gravel

Coarse gravel

Geotextile mat, fleece



Plan fragment rooms 1:20