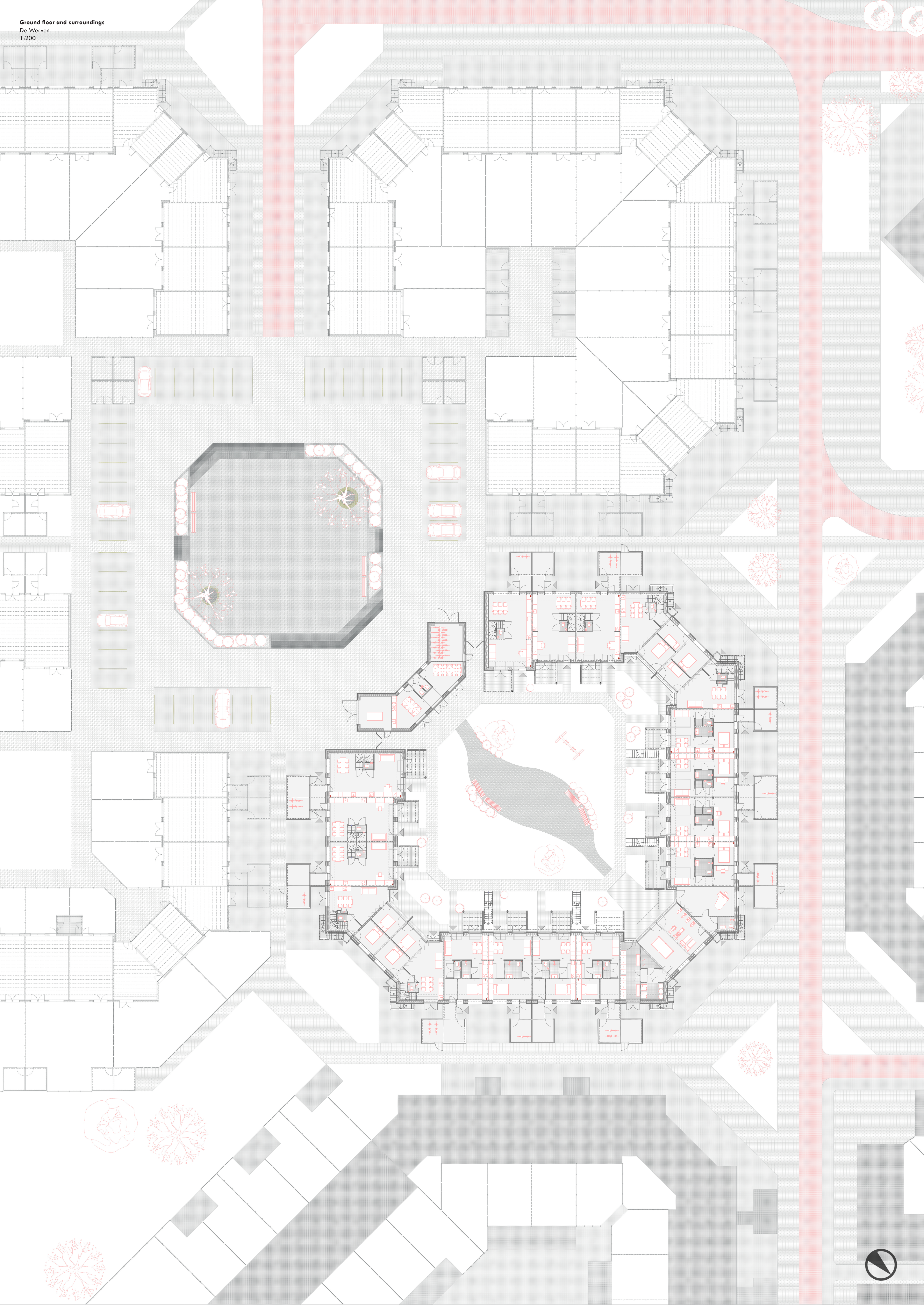
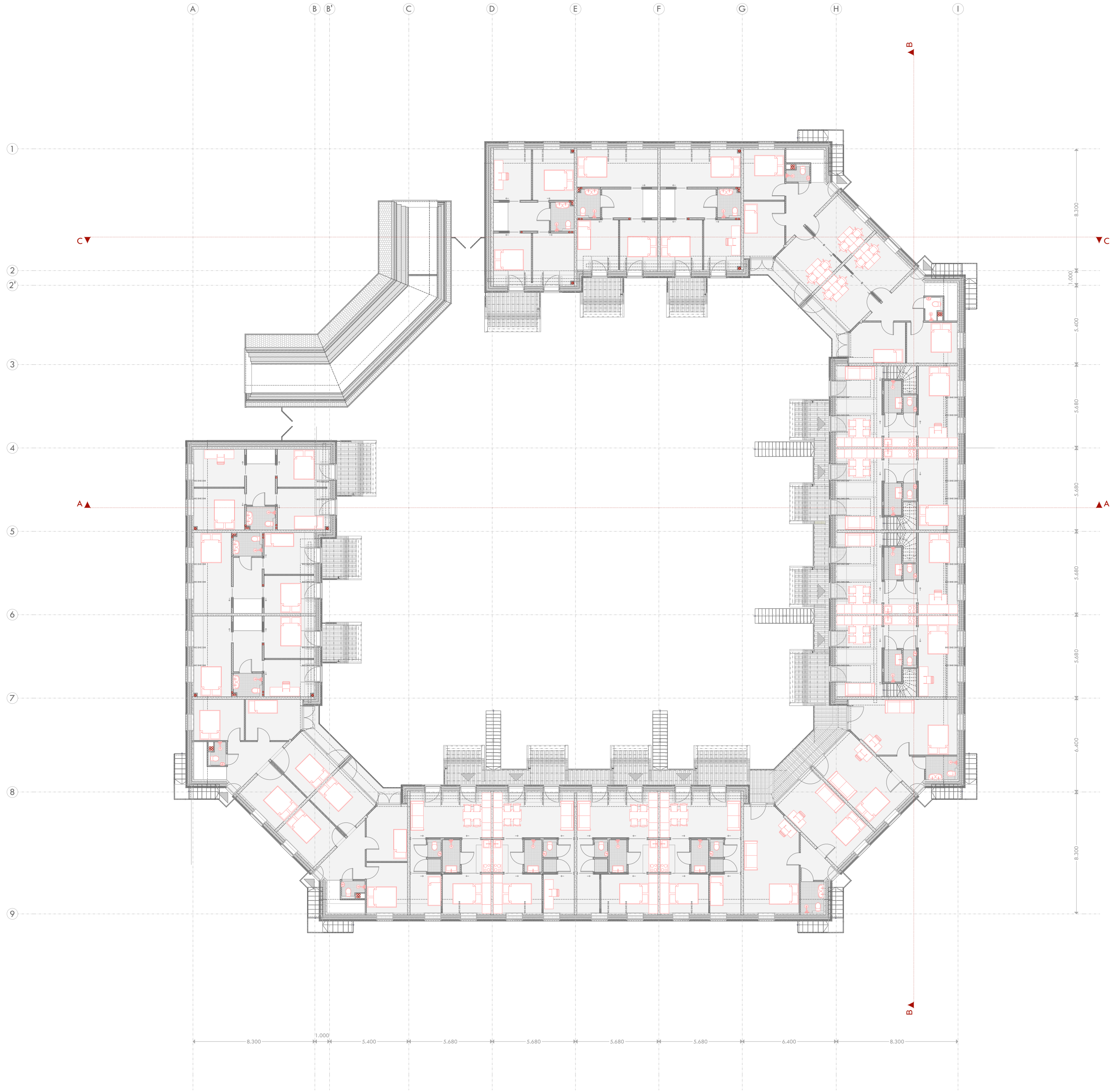
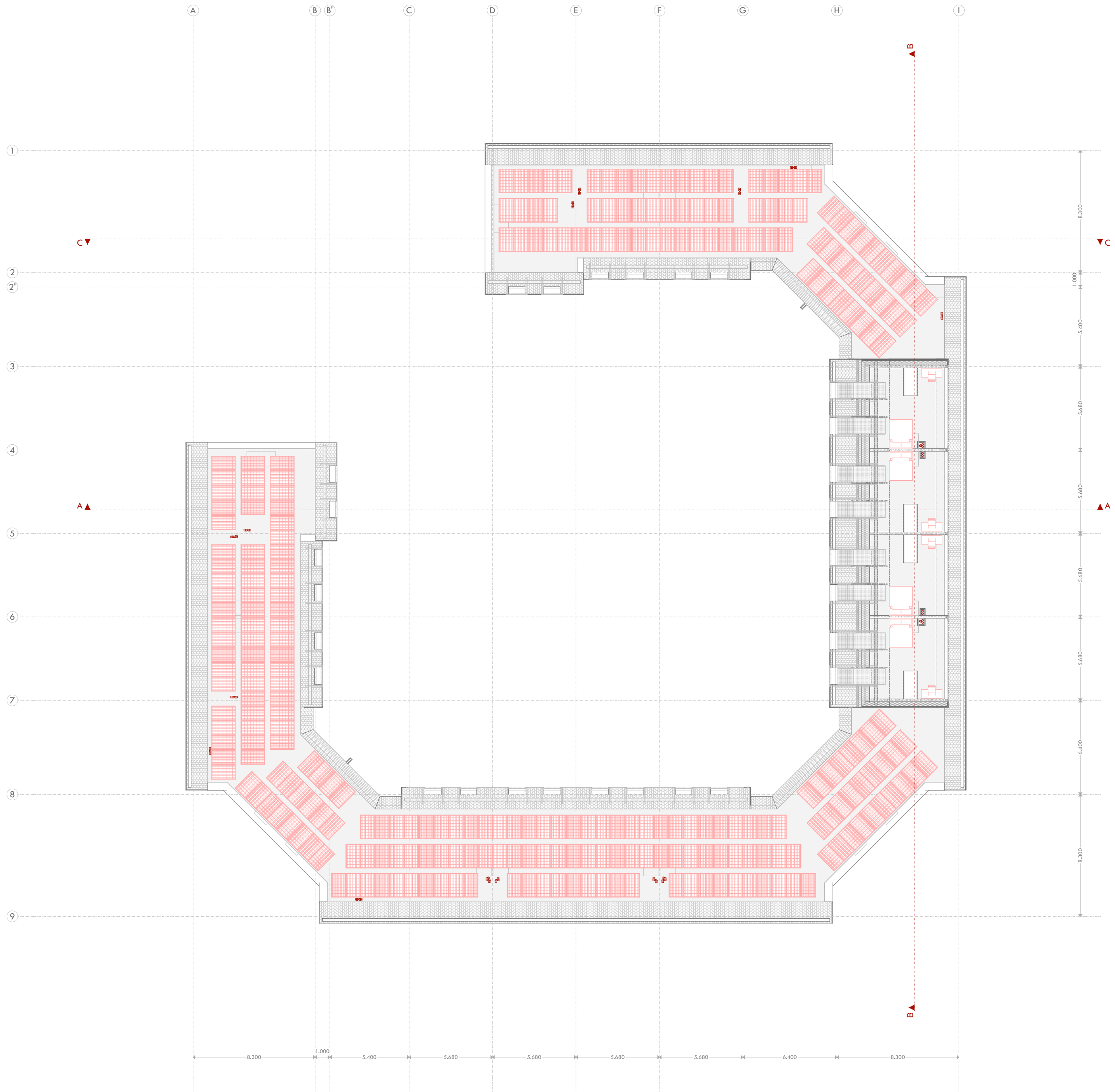




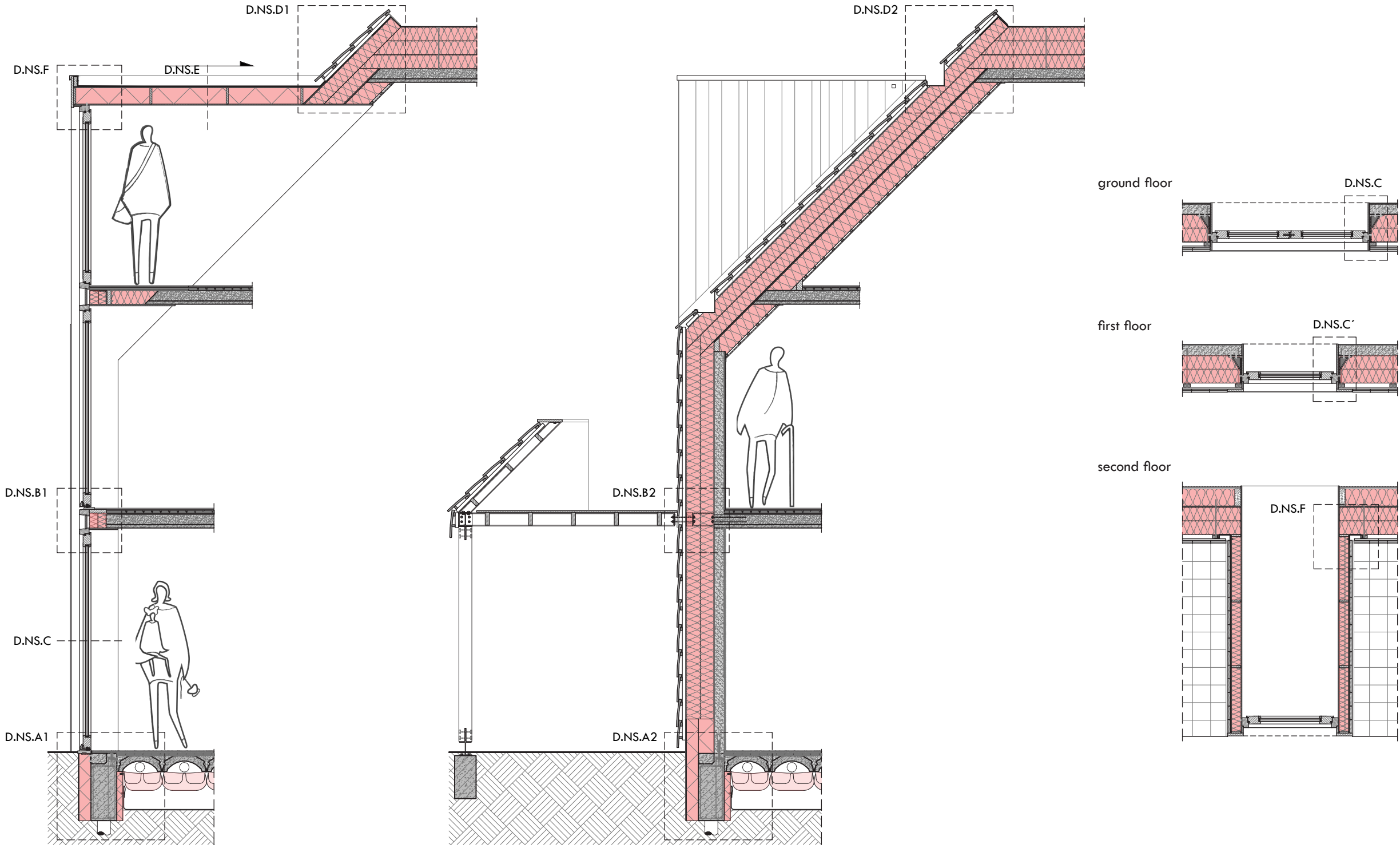
First floor
1:200



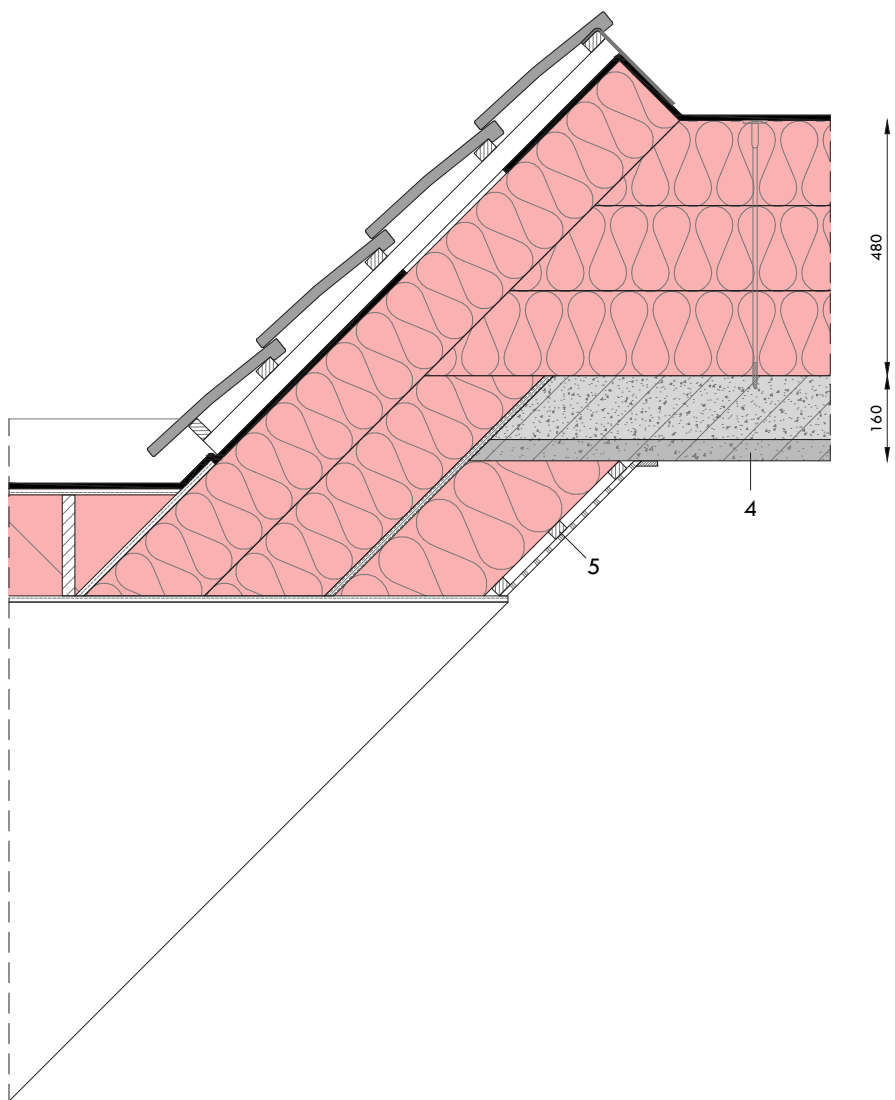
First floor
1:200



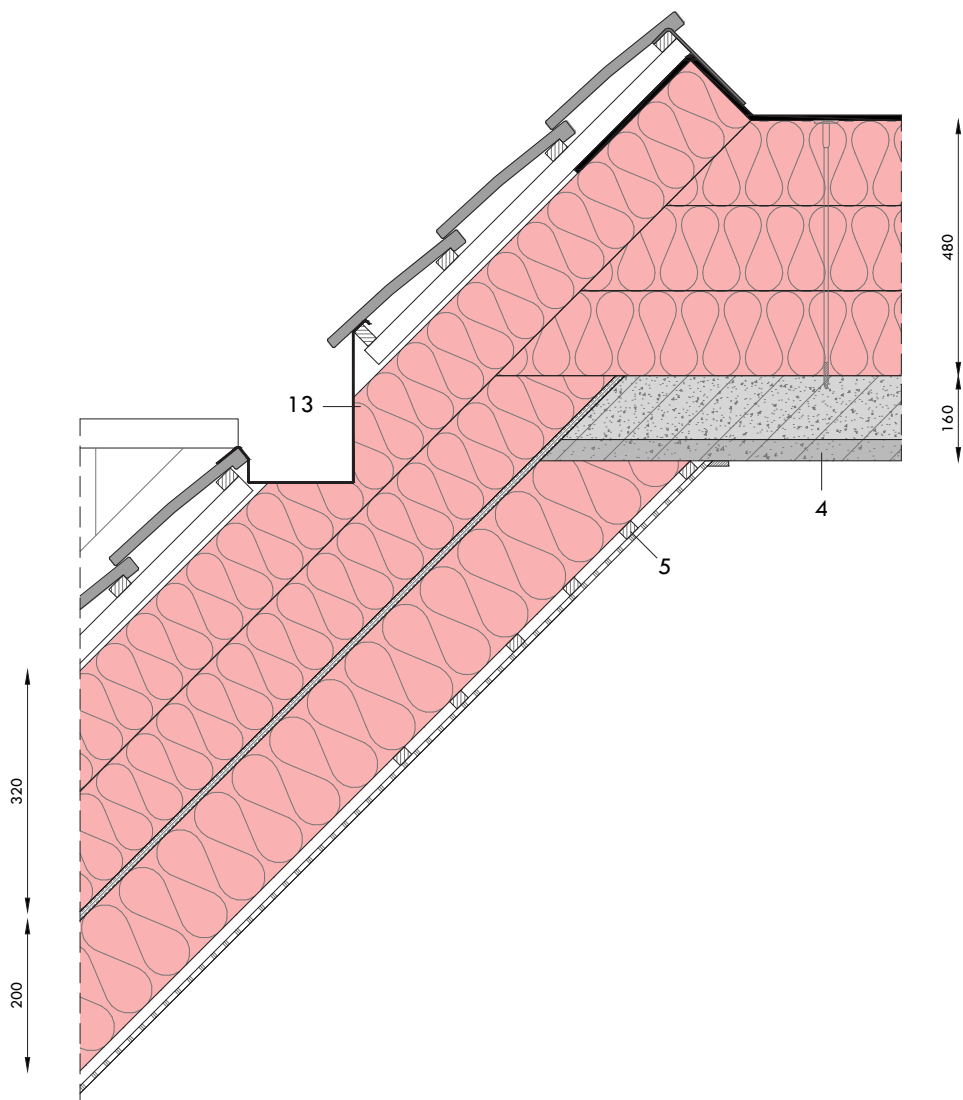
Vertical section(s)
De Werven
1:50



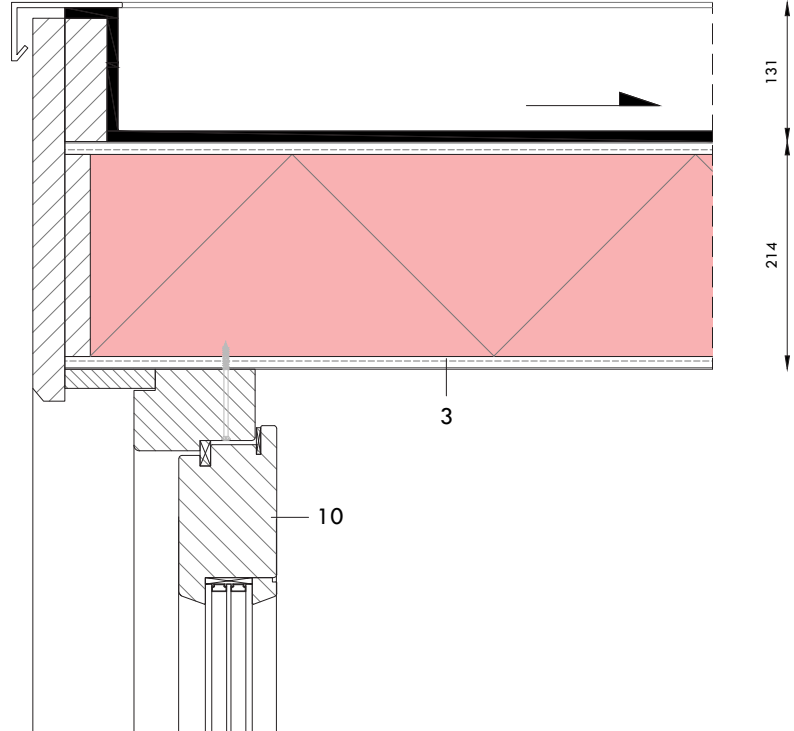
Detail NS.D1
1:20



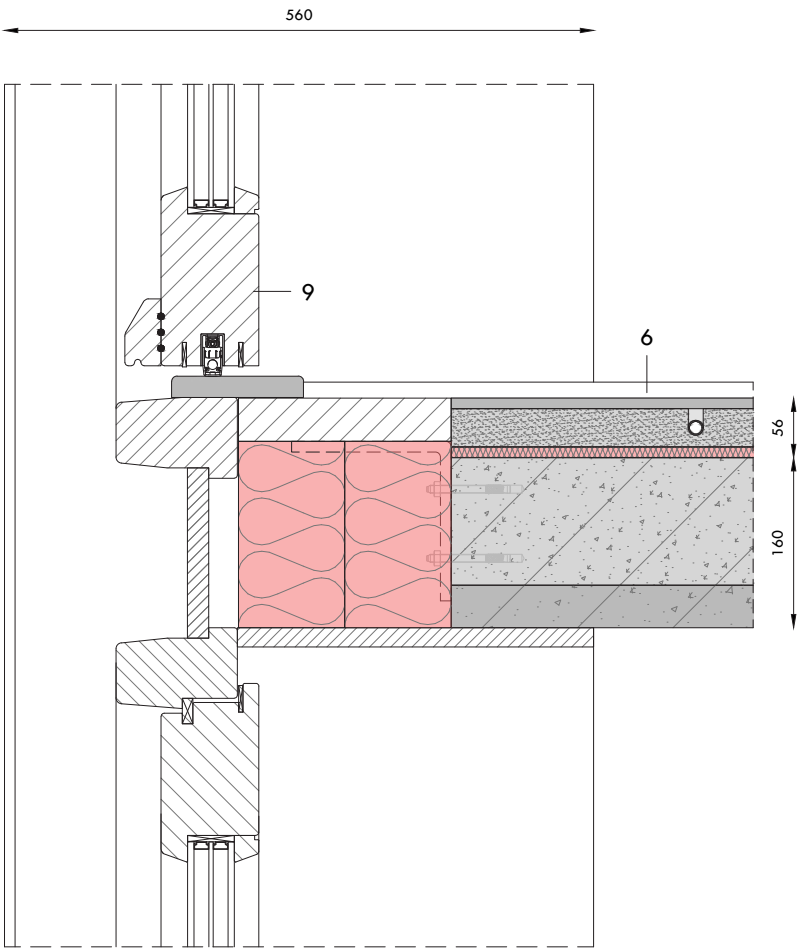
Detail NS.D2
1:20



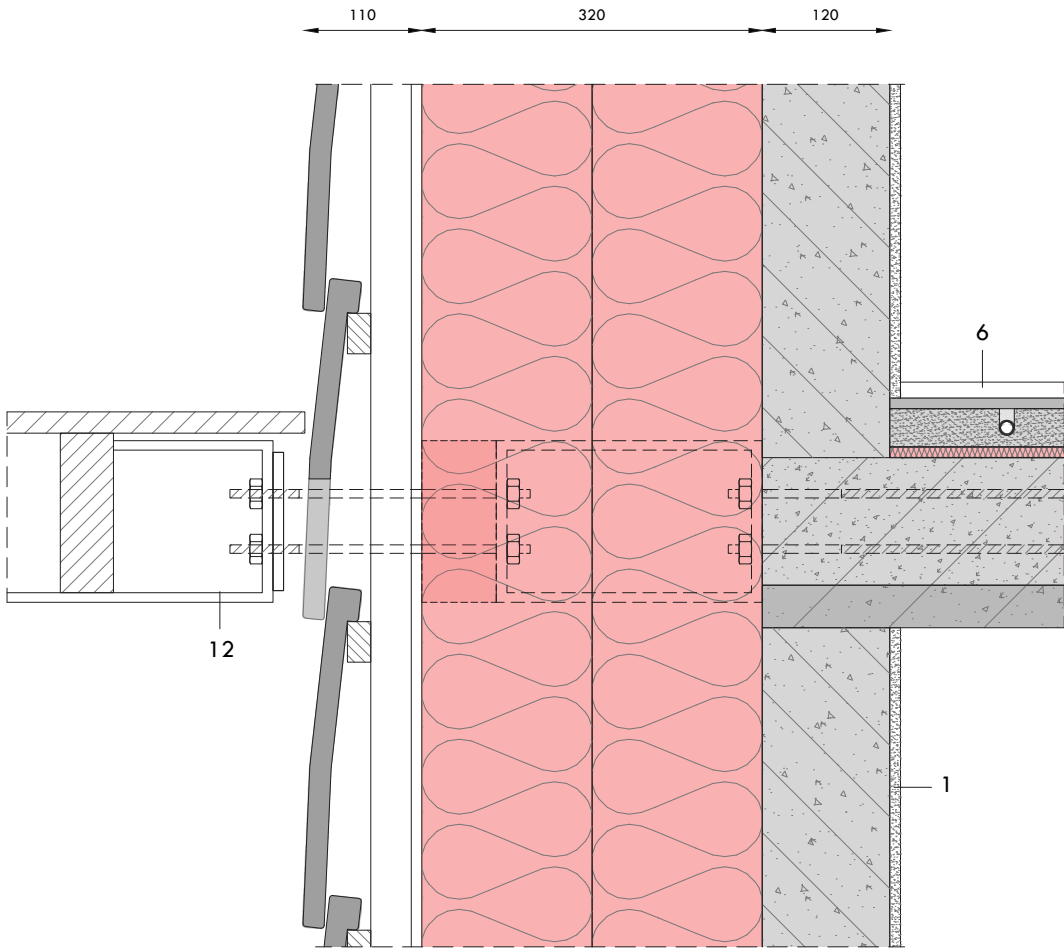
Detail NS.F
1:10



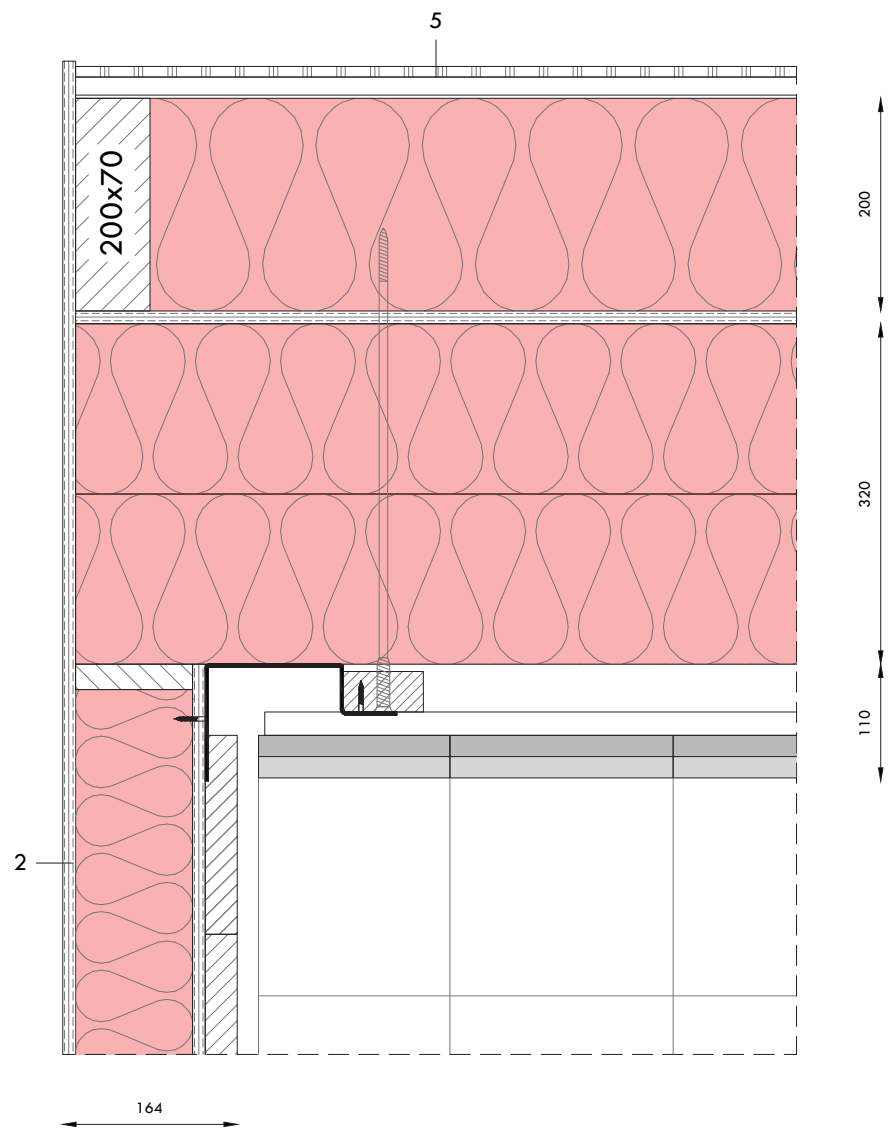
Detail NS.B1
1:10



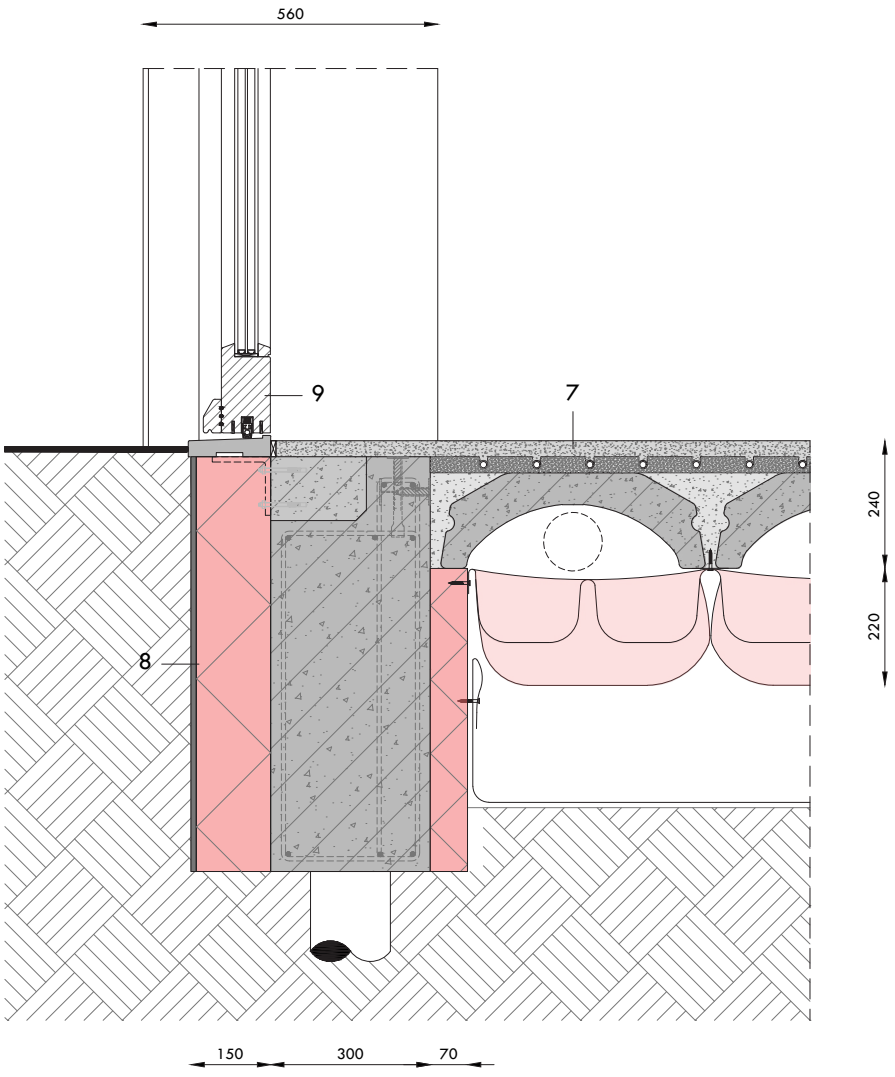
Detail NS.B2
1:10



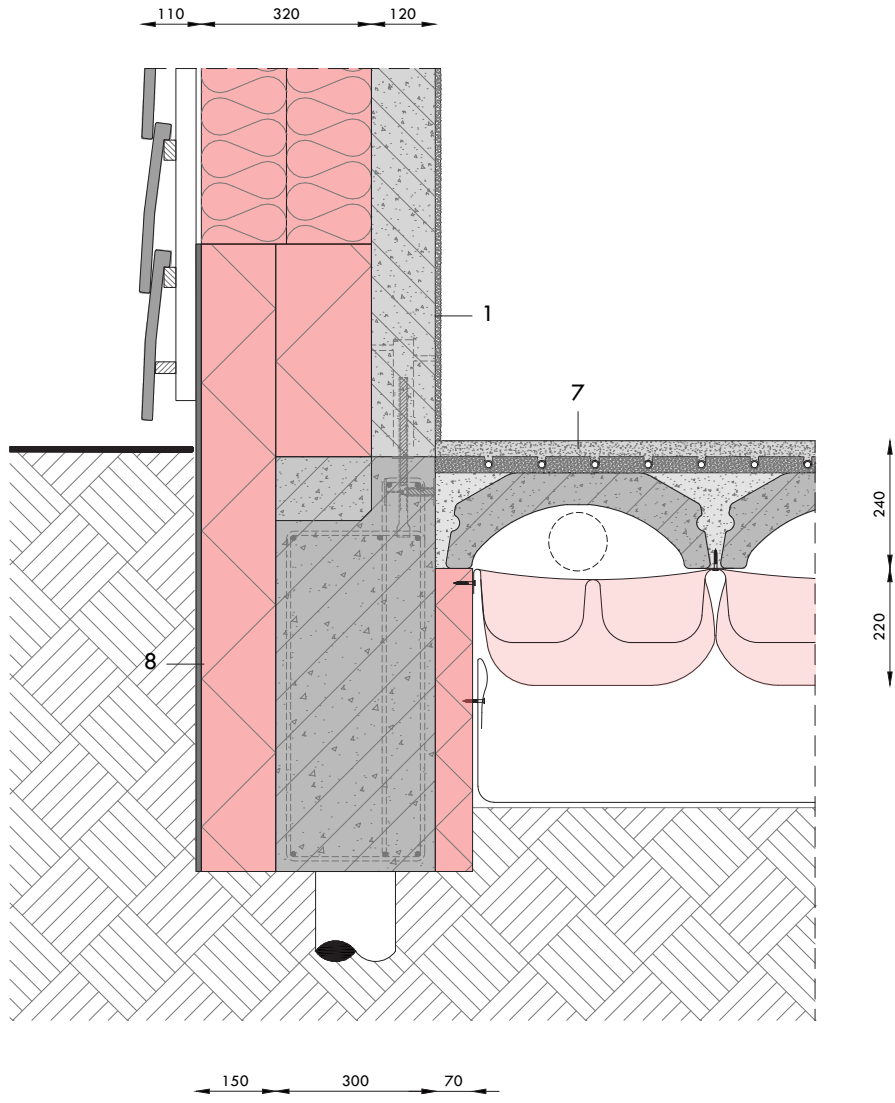
Detail NS.F
1:10



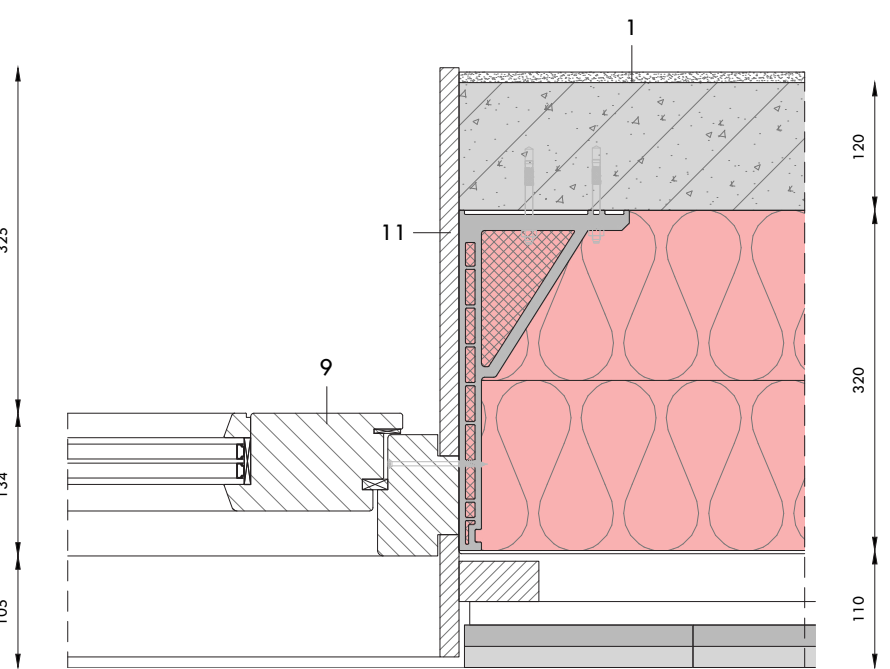
Detail NS.A1
1:20



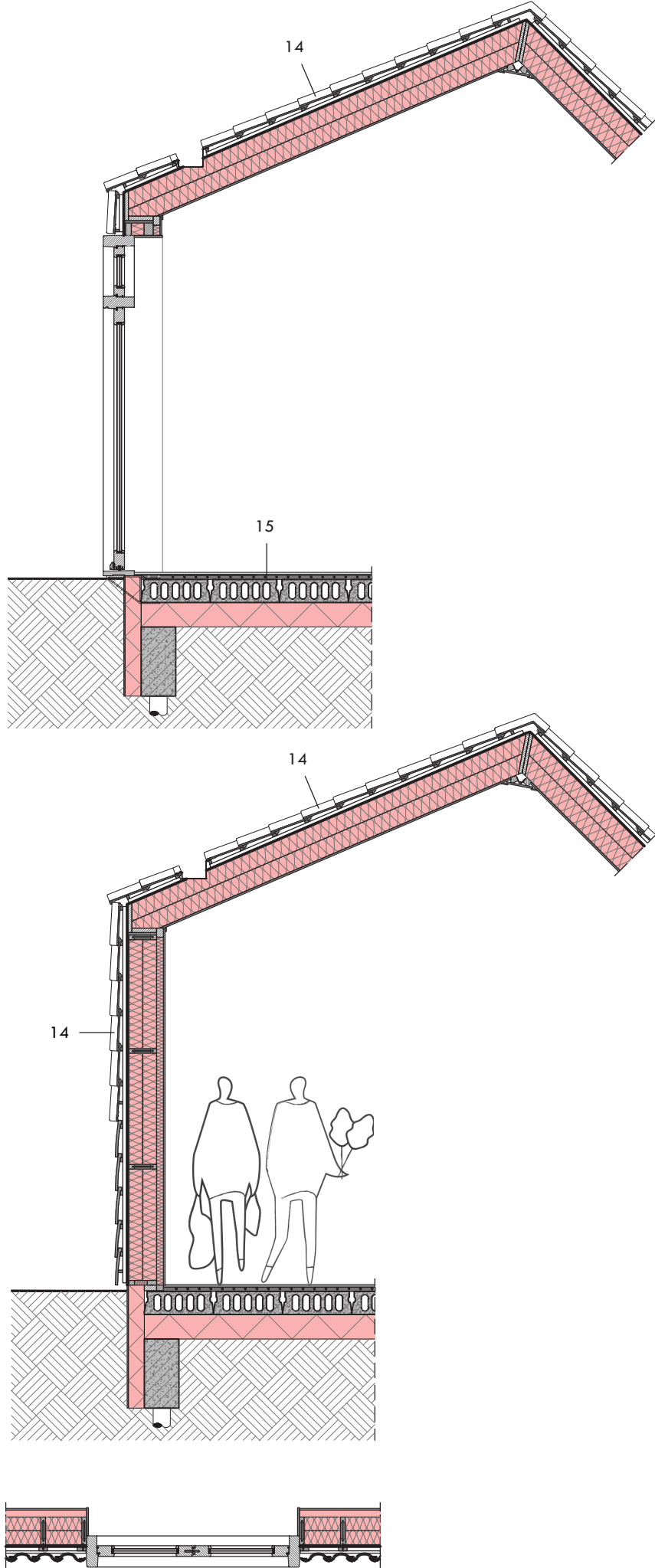
Detail NS.A2
1:20



Detail NS.C
1:10



Vertical section(s)
Community building
1:50



- Facade construction**
Plaster layer (10 mm)
In-situ concrete (120 mm)
Wood fibre insulation from local waste timber RC: 8 m² K/W (2x160 mm)
Water barrier
Vertical timber structure (75x38)
Slatting battens (22x38)
Ceramic facade tiles from 70% recycled brick
- Side wall structure dormer window**
Bio-based 'ECOBoard' made from local fibres (12 mm)
Prefab 'Unilin' sandwichpanel RC: 6 m² K/W (214 mm)
Ash planks from local timber in different available widths with stain finish
- Roof structure dormer window**
Bio-based 'ECOBoard' made from local fibres (12 mm)
Prefab 'Unilin' sandwichpanel RC: 6 m² K/W (214 mm)
EPDM roof sealing
Aluminium roof trim
- Flat roof structure**
Ceiling plaster (5 mm)
Wide slab flooring (160 mm)
Wood fibre insulation from local waste timber RC: 12 m² K/W (3x160 mm)
mechanically connected
Roof sealing in white bitumen
Solar panels on frame (8")
- Sloped roof structure**
Gypsum board (10 mm)
Wooden wickerwork (20 mm)
Wood fibre insulation from local waste timber (200 mm)
Construction plate (original) (10 mm)
Wood fibre insulation from local waste timber RC combined: 12 m² K/W (2x 200 mm)
Water barrier
Vertical timber structure (75x38)
Slatting battens (22x38)
Ceramic facade tiles from 70% recycled brick
- First floor construction**
Floor finish
Dry acoustic covering floor
'JK Fernafloor' with integrated floor heating (-18 Db) (56 mm)
Wide slab flooring (160 mm)
Ceiling plaster (5 mm)
- Ground floor construction**
Floor finish
Original top floor with milled in floor heating (60 mm)
'ELEVO' prefabs concrete floor elements (180 mm)
'Tonzon' thermo cushions RC: 3,8 m² K/W (220 mm)
Ceiling plaster (5 mm)
- Foundation beam**
Insulated panel with recycled PVC board RC: 3,8 m² K/W (140 mm)
Finish foundation beam on corner over full length with in-situ concrete addition
Insulation panel mounted on beam RC: 4 m² K/W (70 mm)
- Entrance door**
Door frame in thermal treated ash from local waste timber
finished with high quality lacquer completed with triple glazing
Magnetic drop sill 'Planet X3' for barrier free entrance
Recycled PVC door sill from 'DTS-dorpels'
- Window / door frames**
Window / door frame in thermal treated ash from local waste timber
finished with high quality lacquer completed with triple glazing
Recycled PVC door sill from 'DTS-dorpels'
- Window casement**
Insulated window casement from recycled PVC (custom produced)
- Connection extension**
Thermal bridge interruption through steel console (250 mm) mounted into the original concrete flooring with rebar
- Rainwater drainage**
Concealed gutters in recycled zinc
Draining through insulated indoor rain-pipe
- Facade / roof construction**
Reused original black roof tiles
Slatting battens (22x38)
Vertical timber structure (75x38)
Water barrier
Construction plate (15 mm)
Wood fibre insulation from local waste timber RC combined: 8 m² K/W (2x120 mm)
Vapor- and water barrier
Wood fibre insulation with integrated electrical installation (60 mm)
Bio-based 'ECOBoard' made from local fibres (12 mm)
- Ground floor construction**
Floor finish
Dry top floor with milled in floor heating (50 mm)
Prefab free laying concrete plate floor with attached insulation RC: 6 m² K/W (413mm)