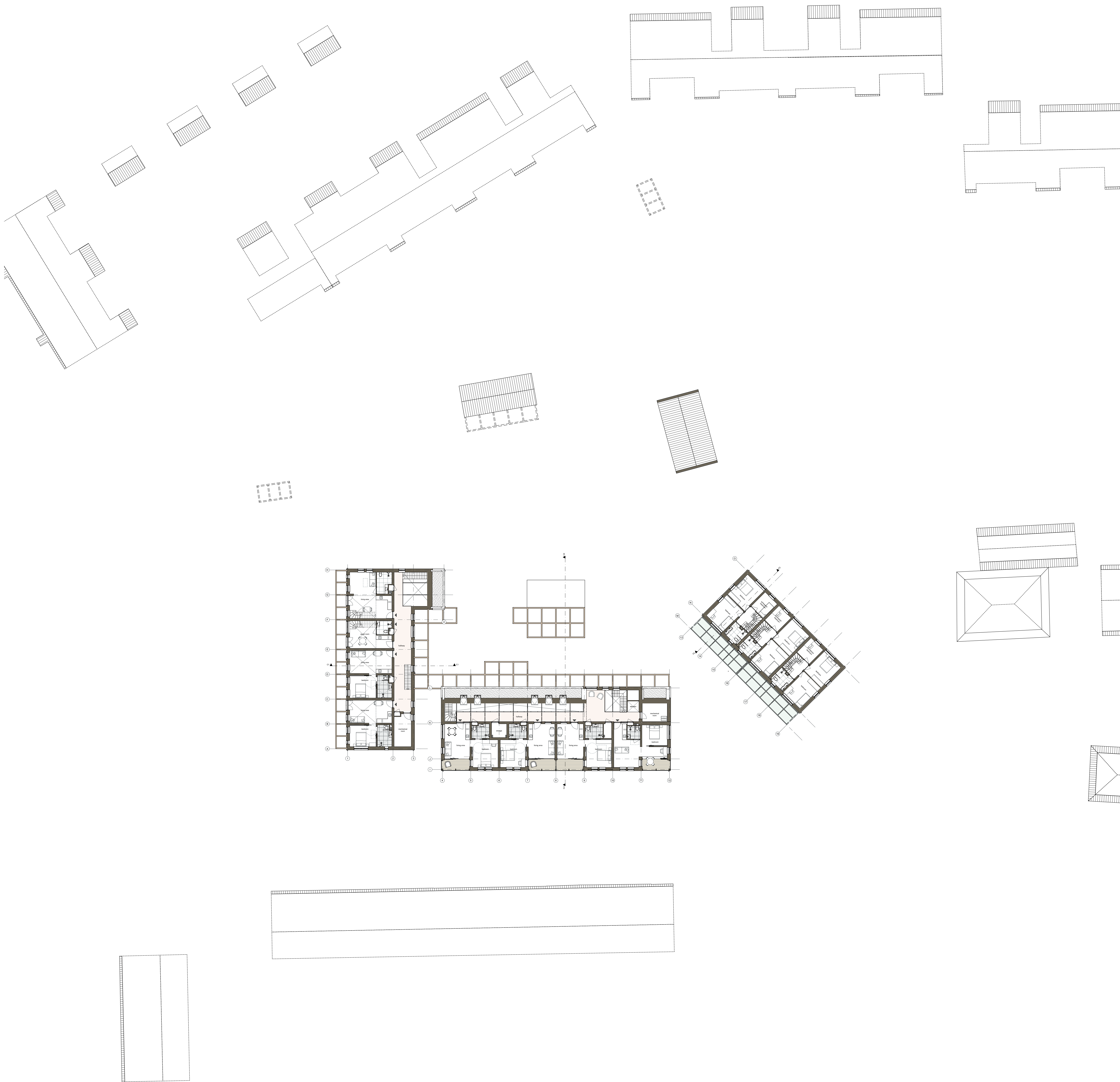
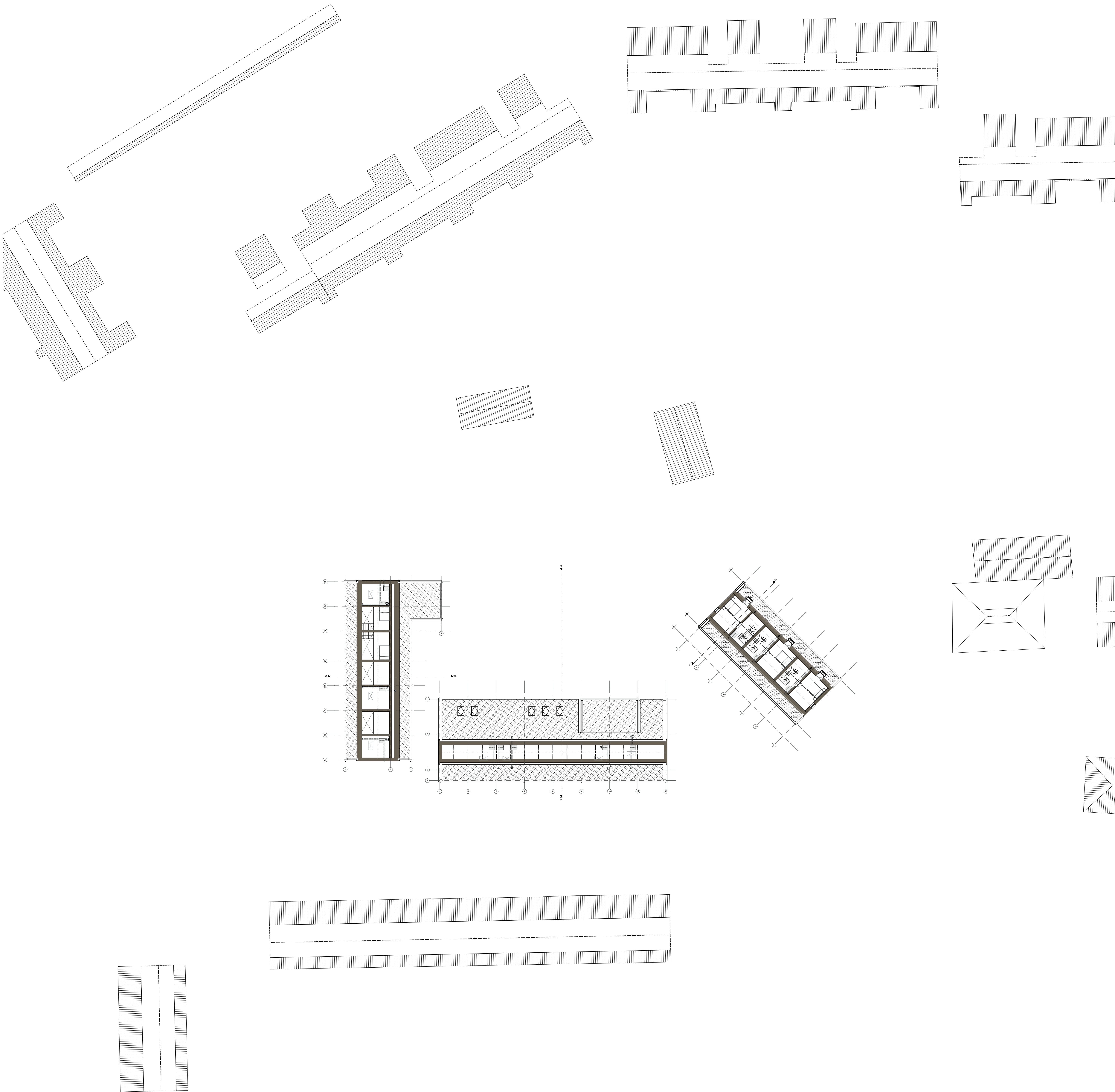
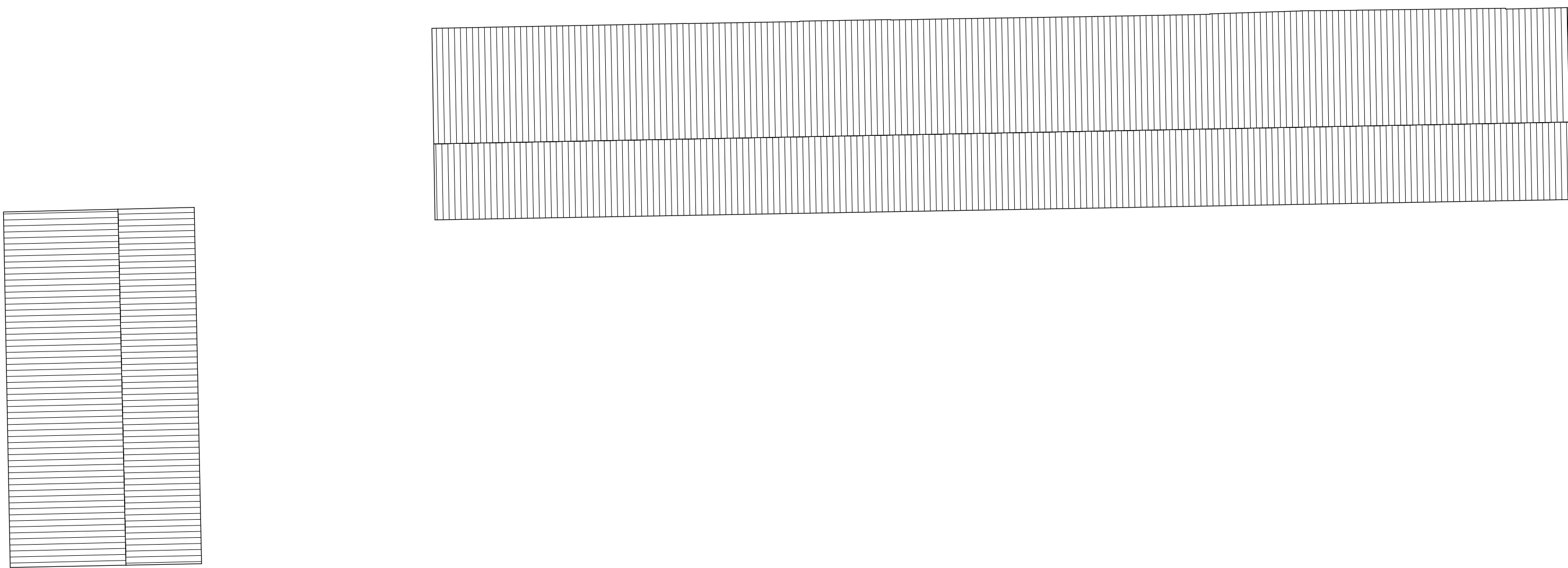
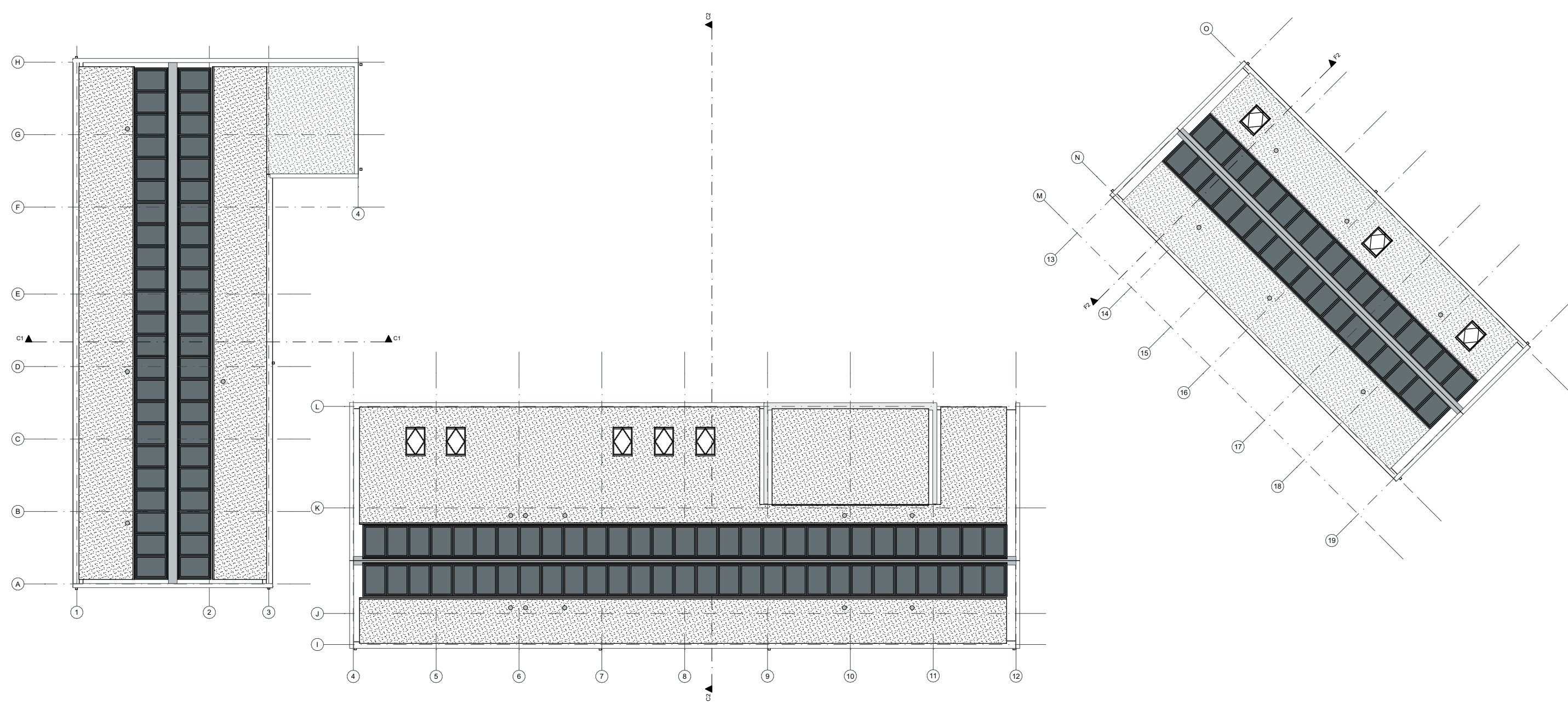
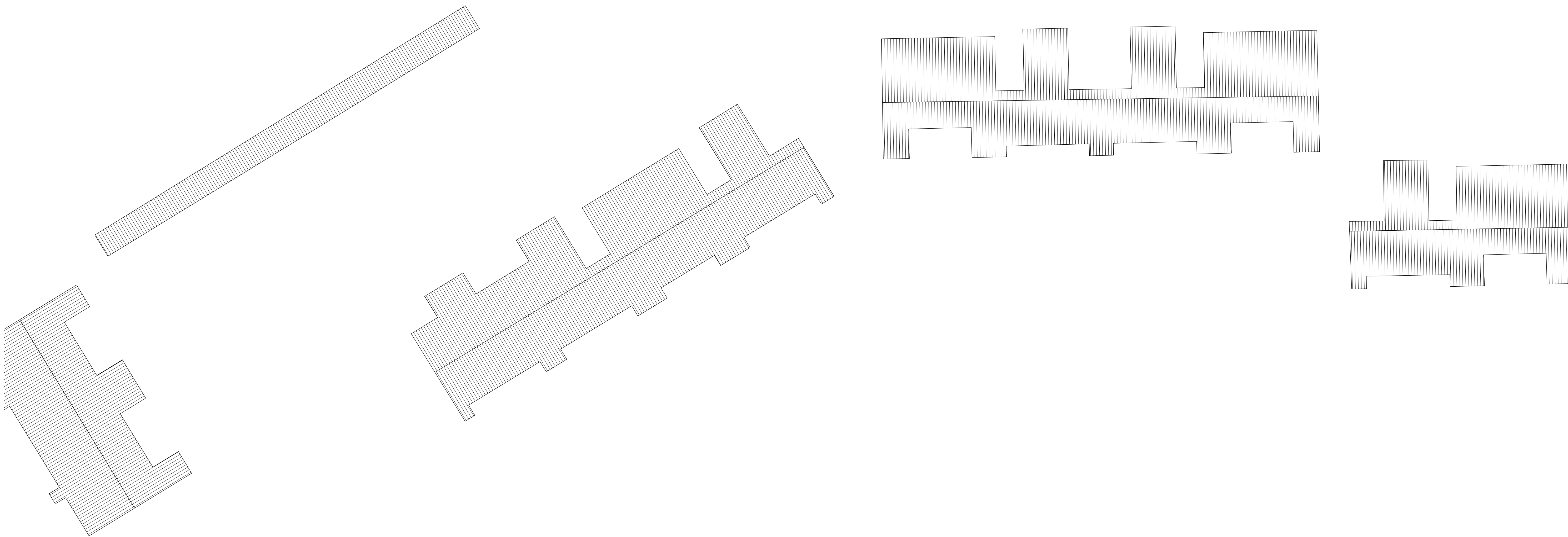


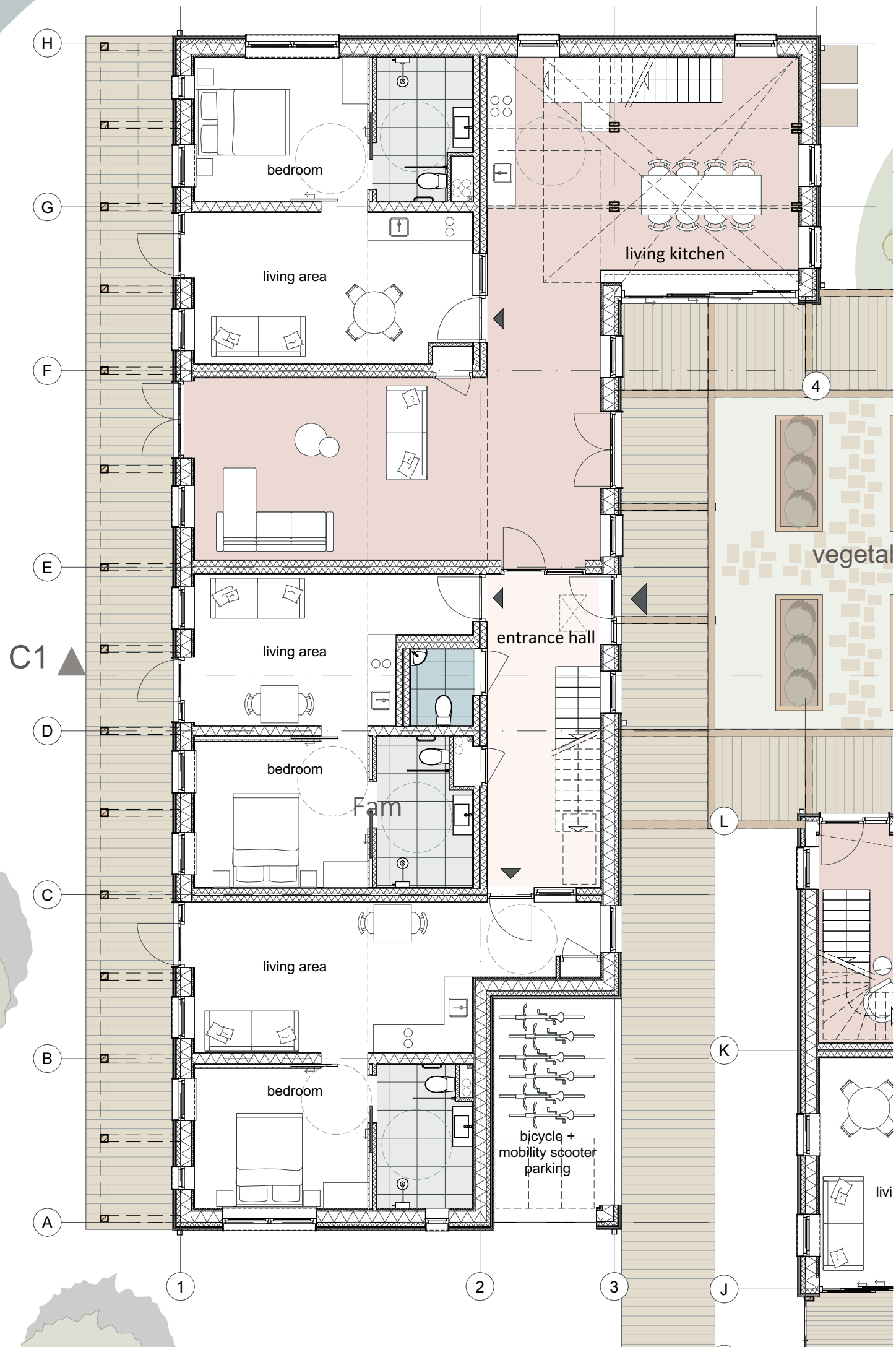






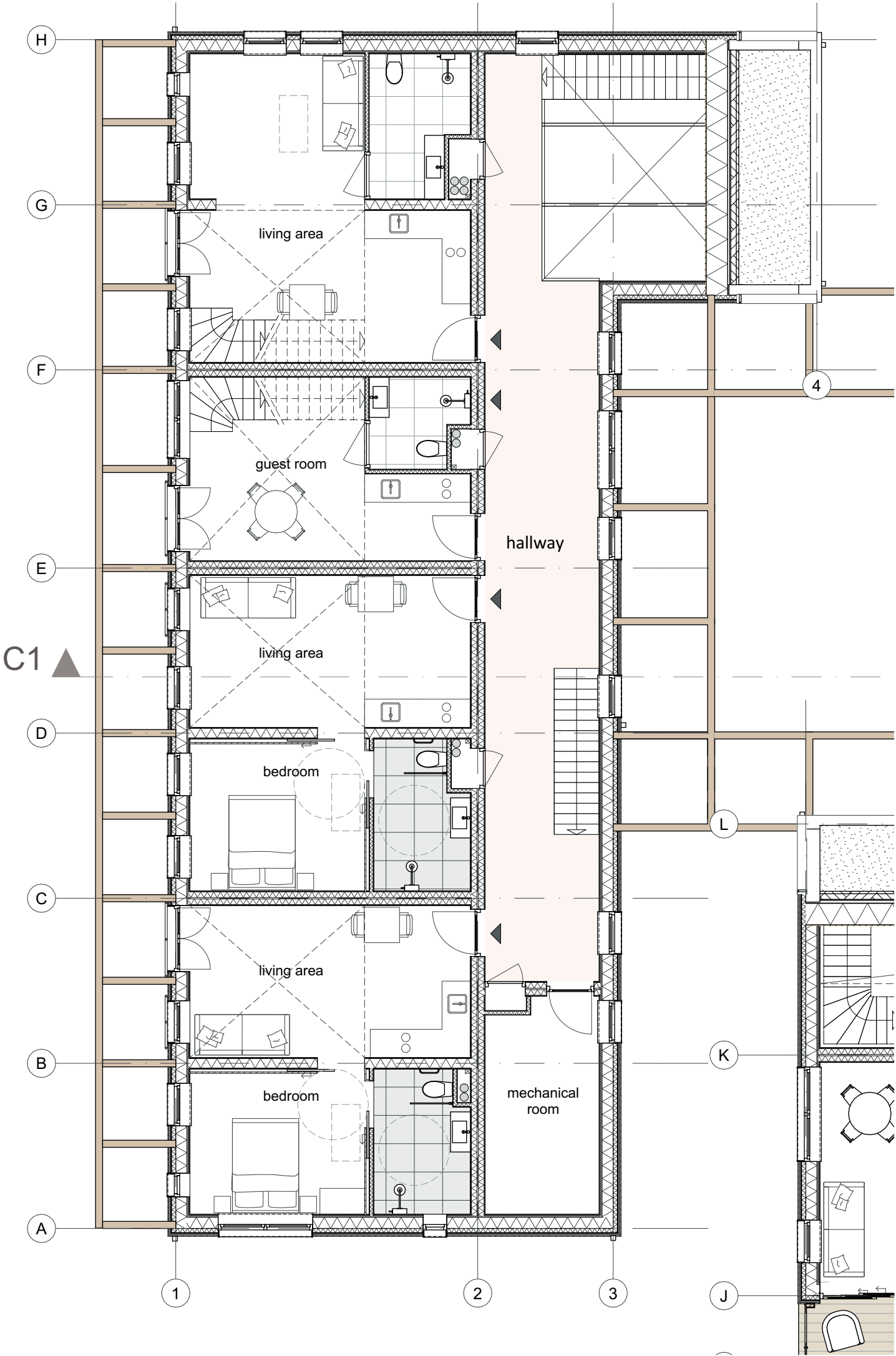






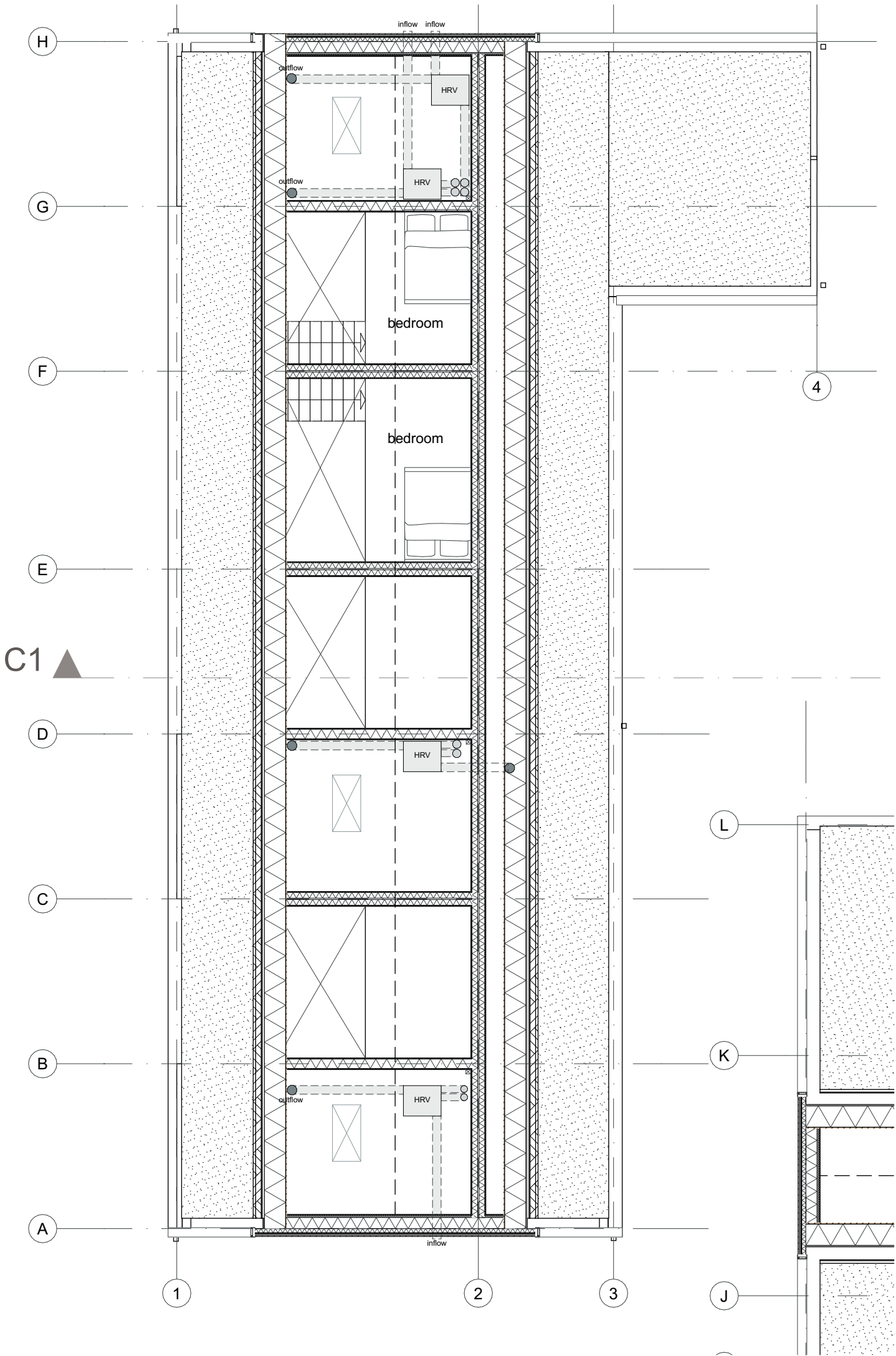
Floorplan C1 First Floor

scale: 1:100



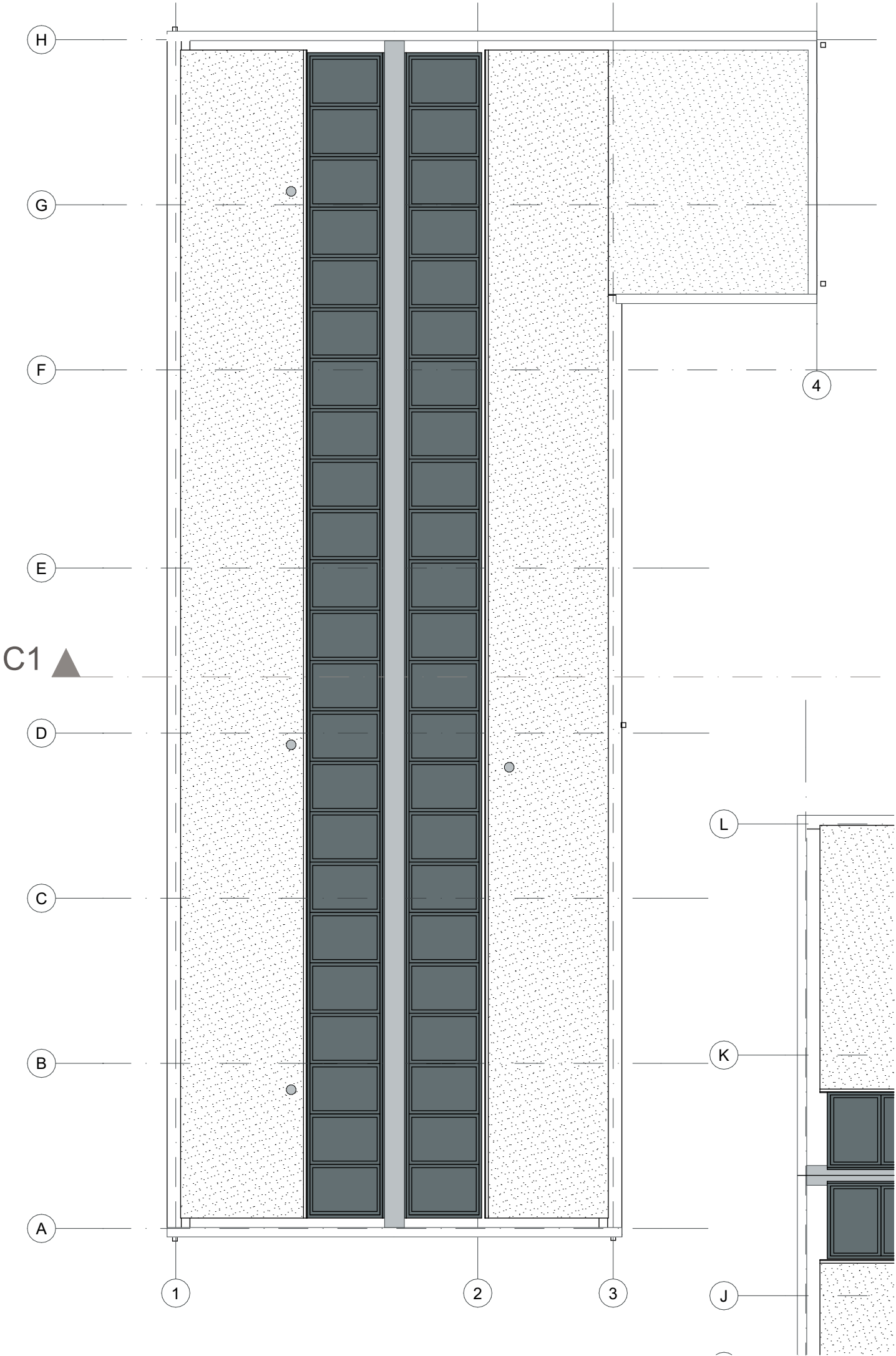
Floorplan C1 Second Floor

scale: 1:100



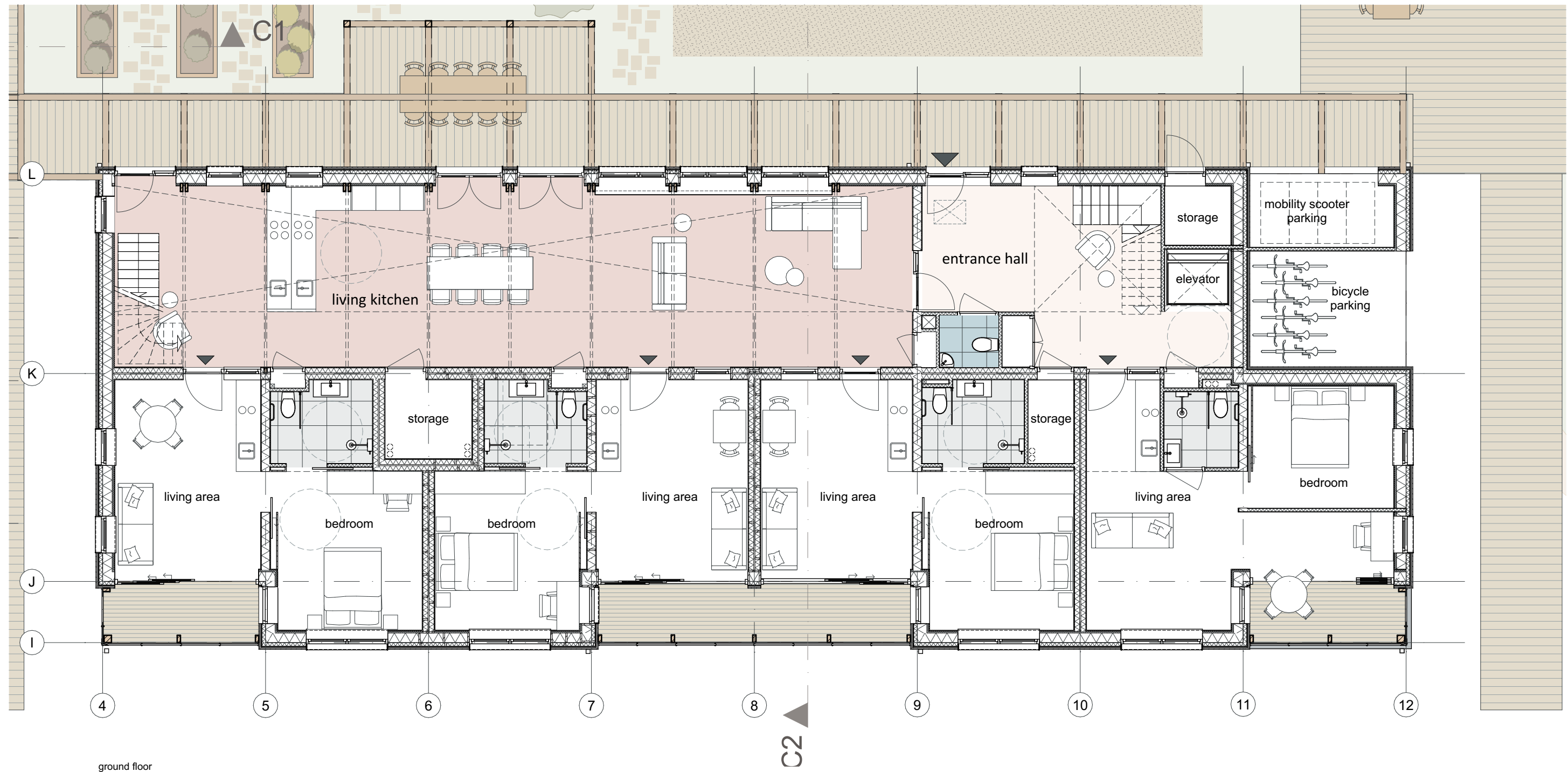
Floorplan C1 Roof

scale: 1:100



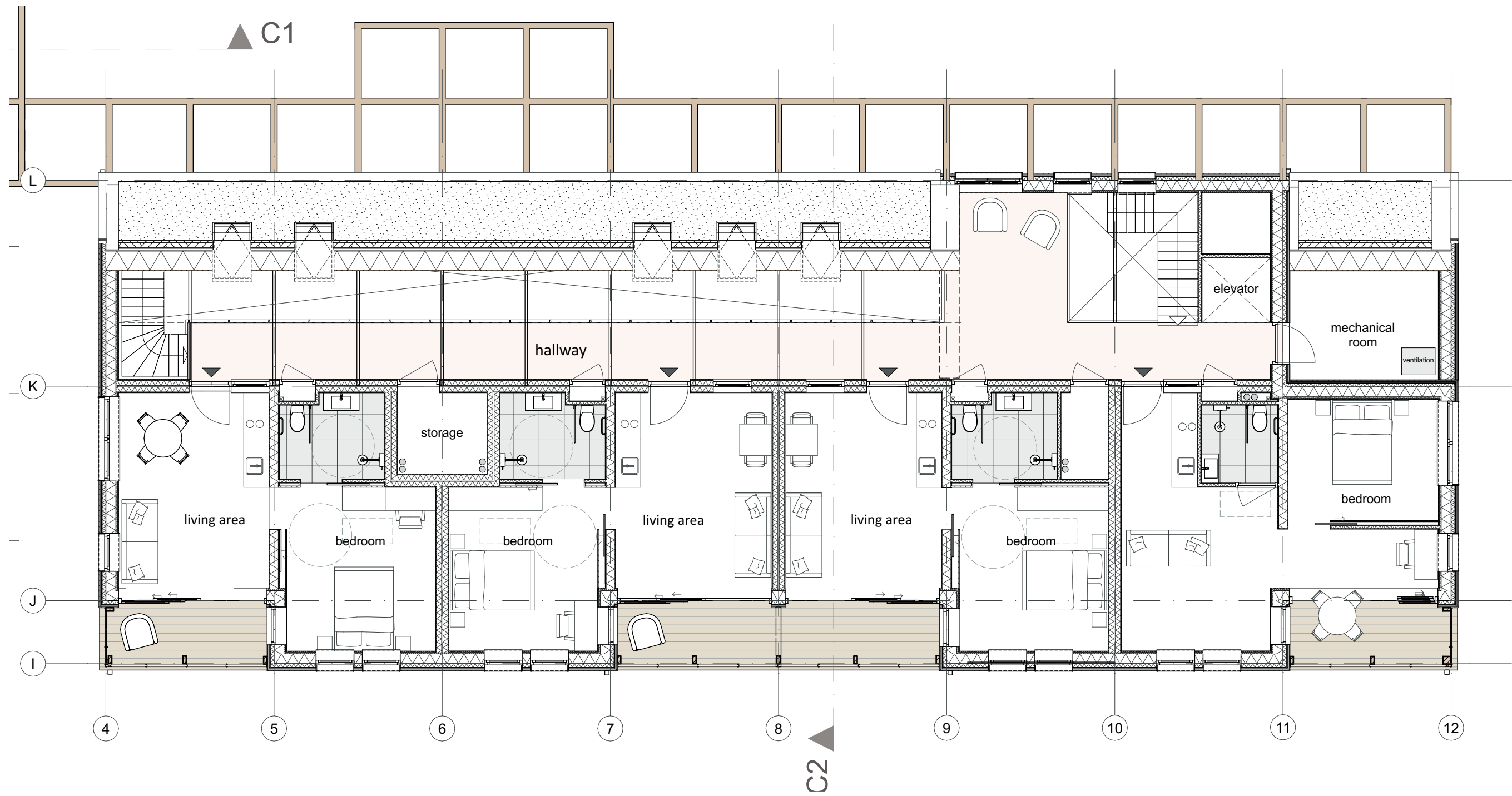
Floorplan C2 ground floor

scale: 1:100



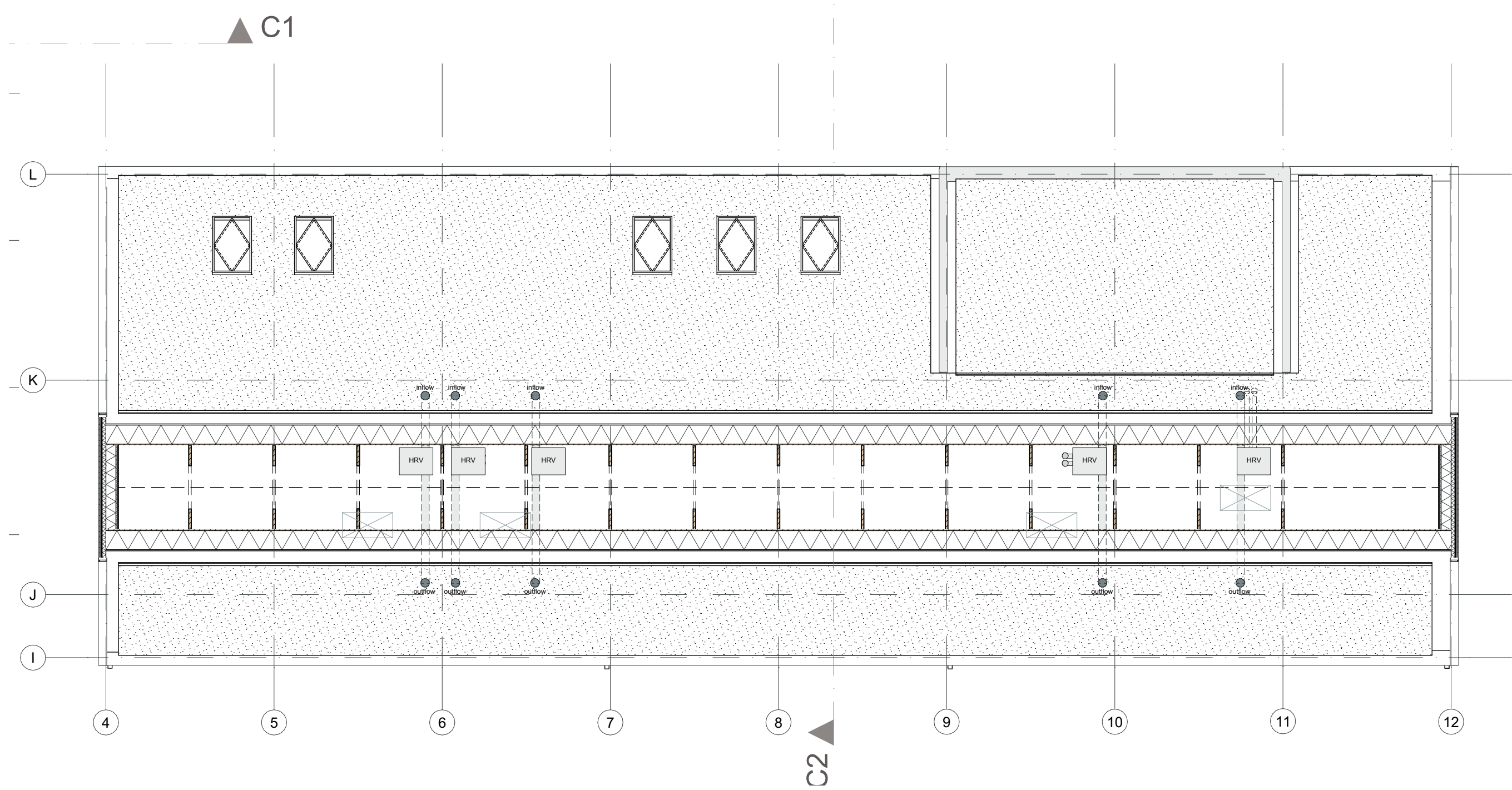
Floorplan C2 First floor

scale: 1:100



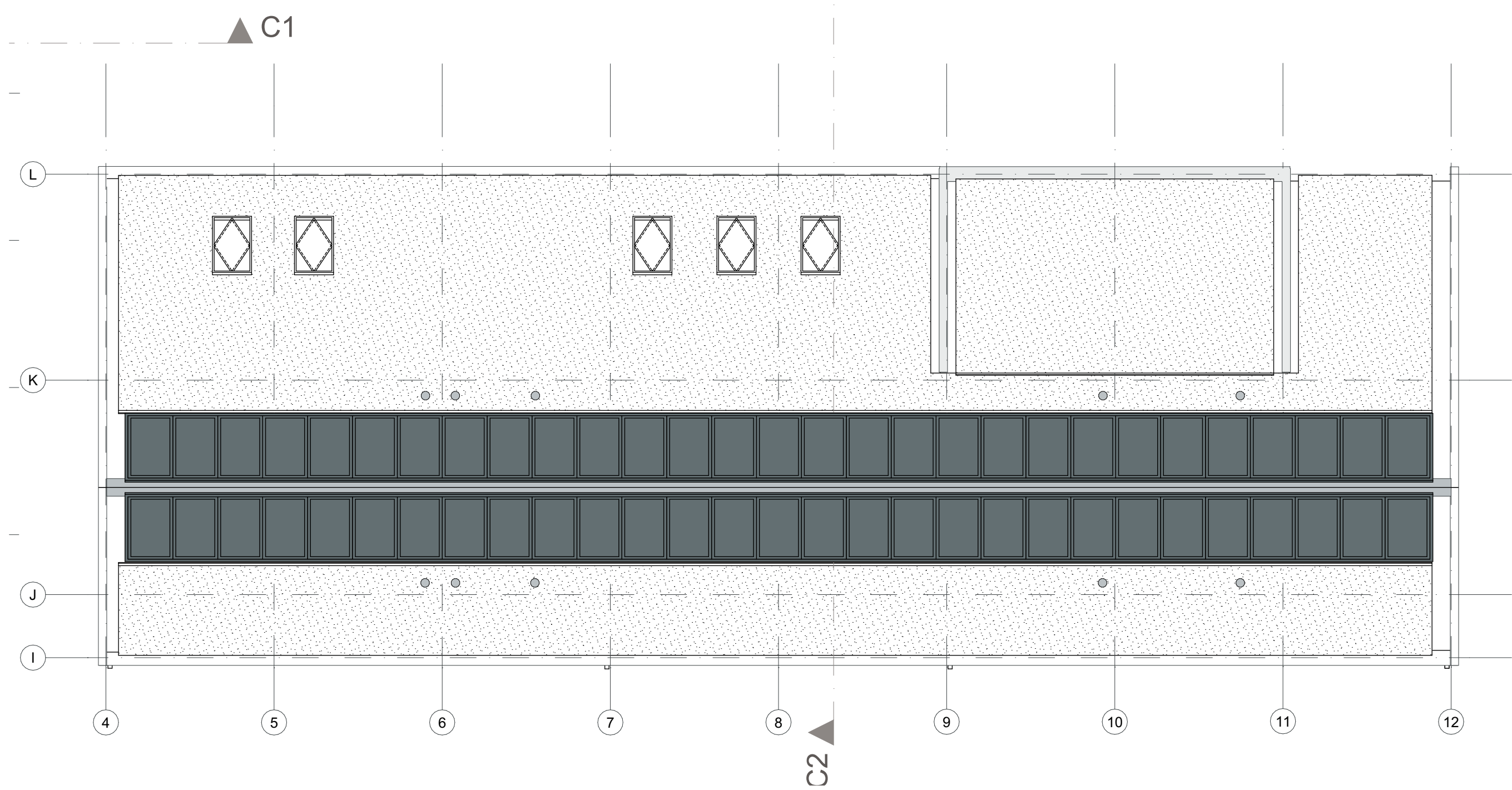
Floorplan C2 Second floor

scale: 1:100



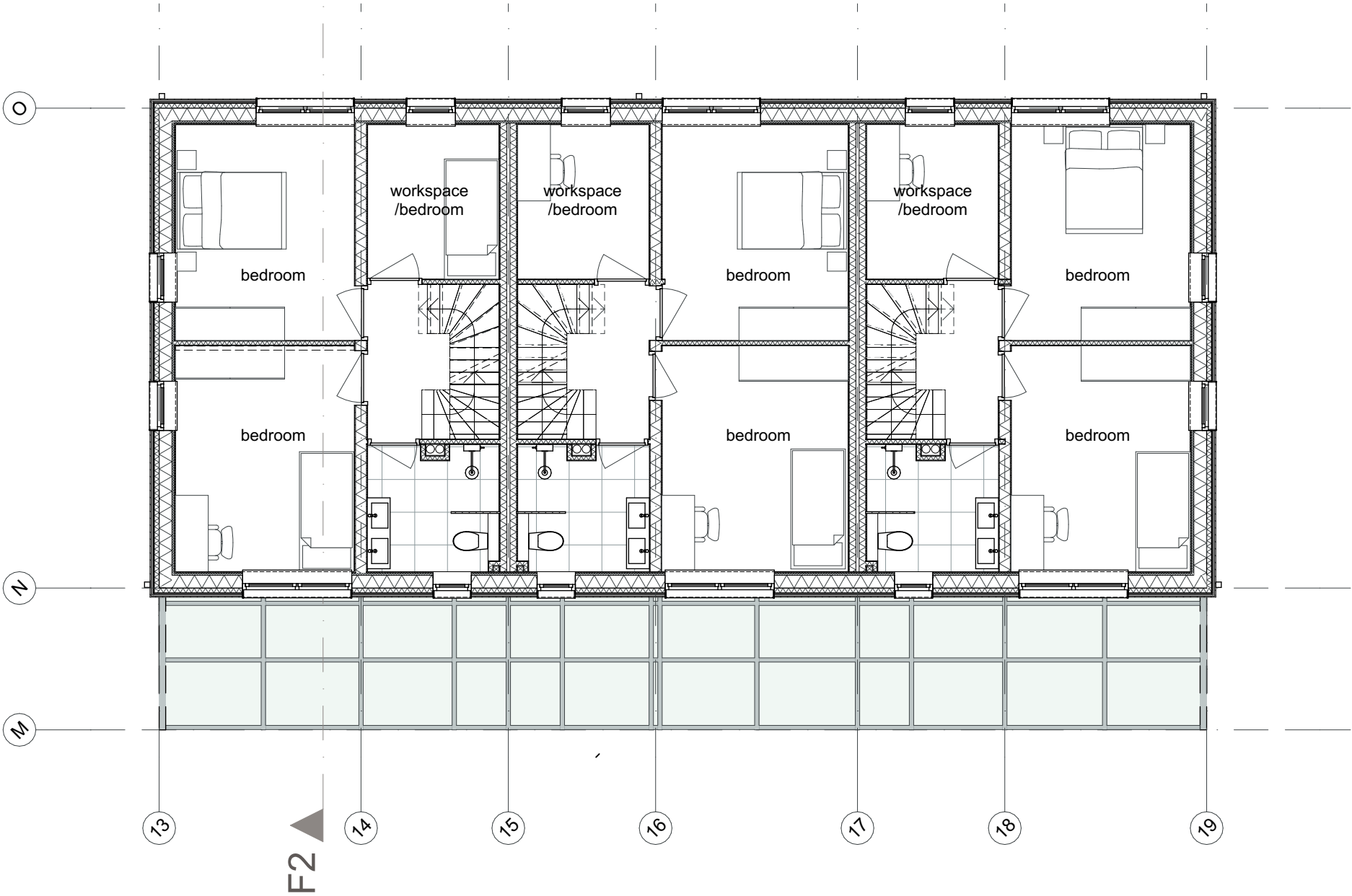
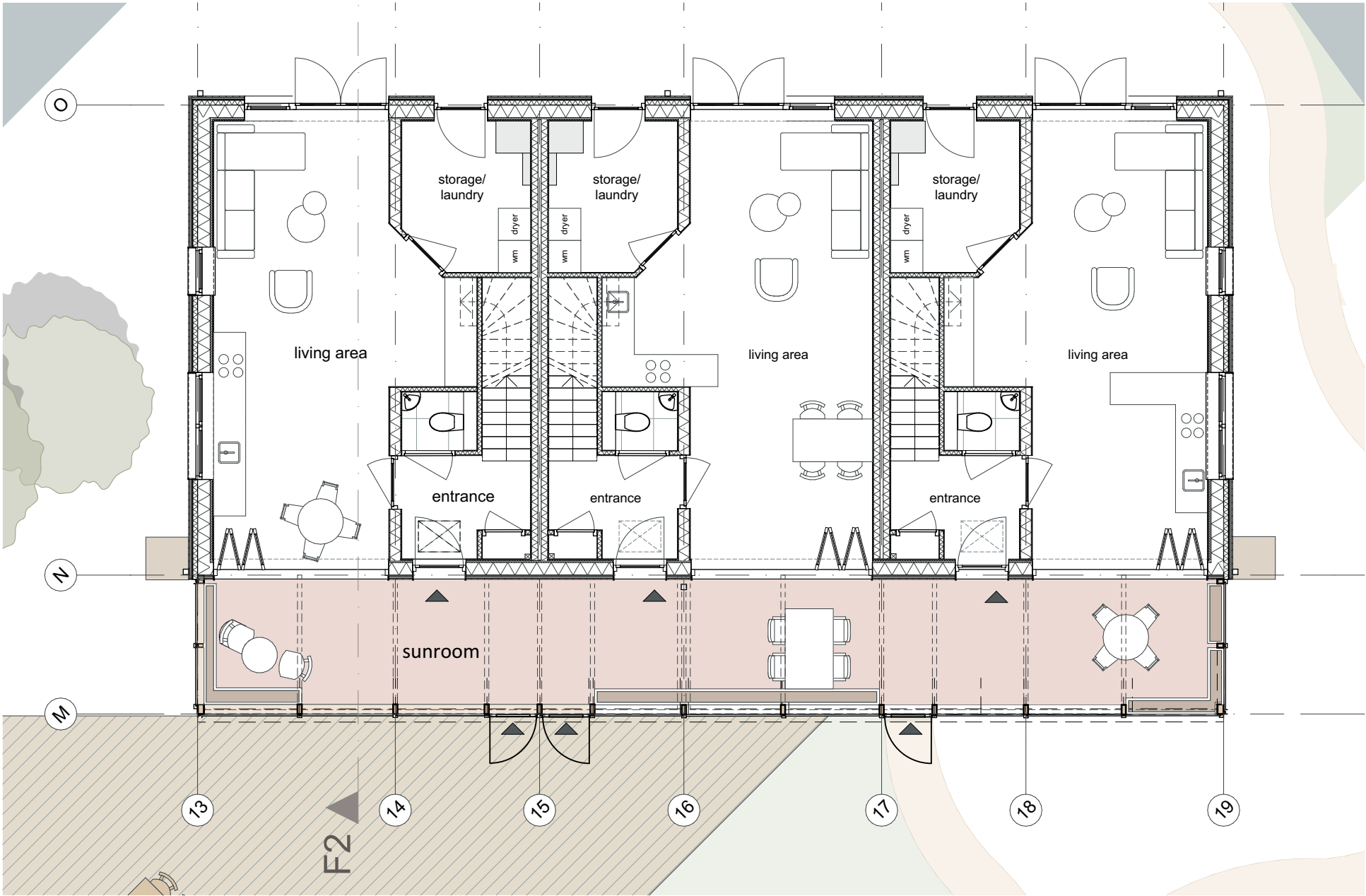
Floorplan C2 Roof

scale: 1:100



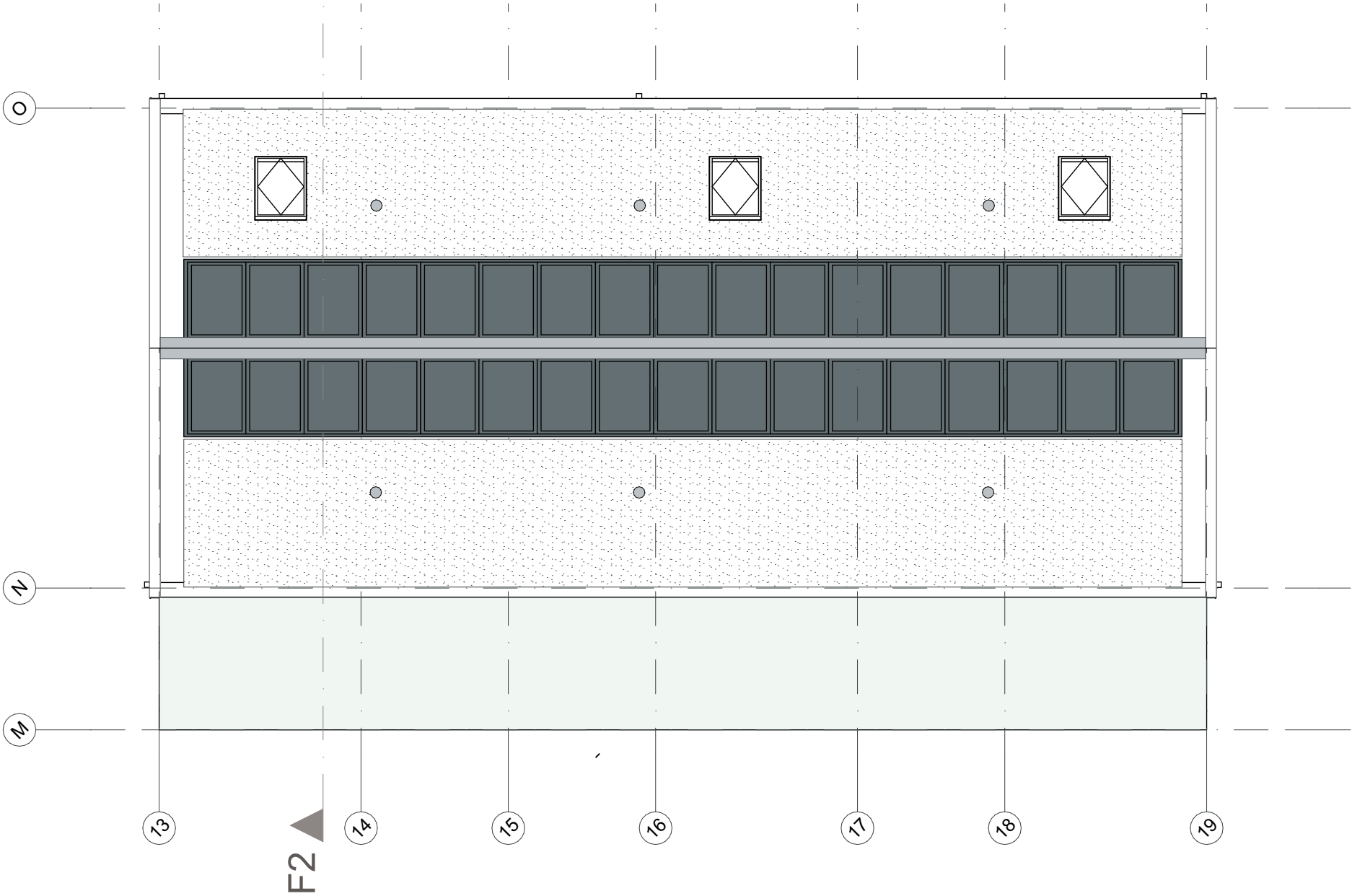
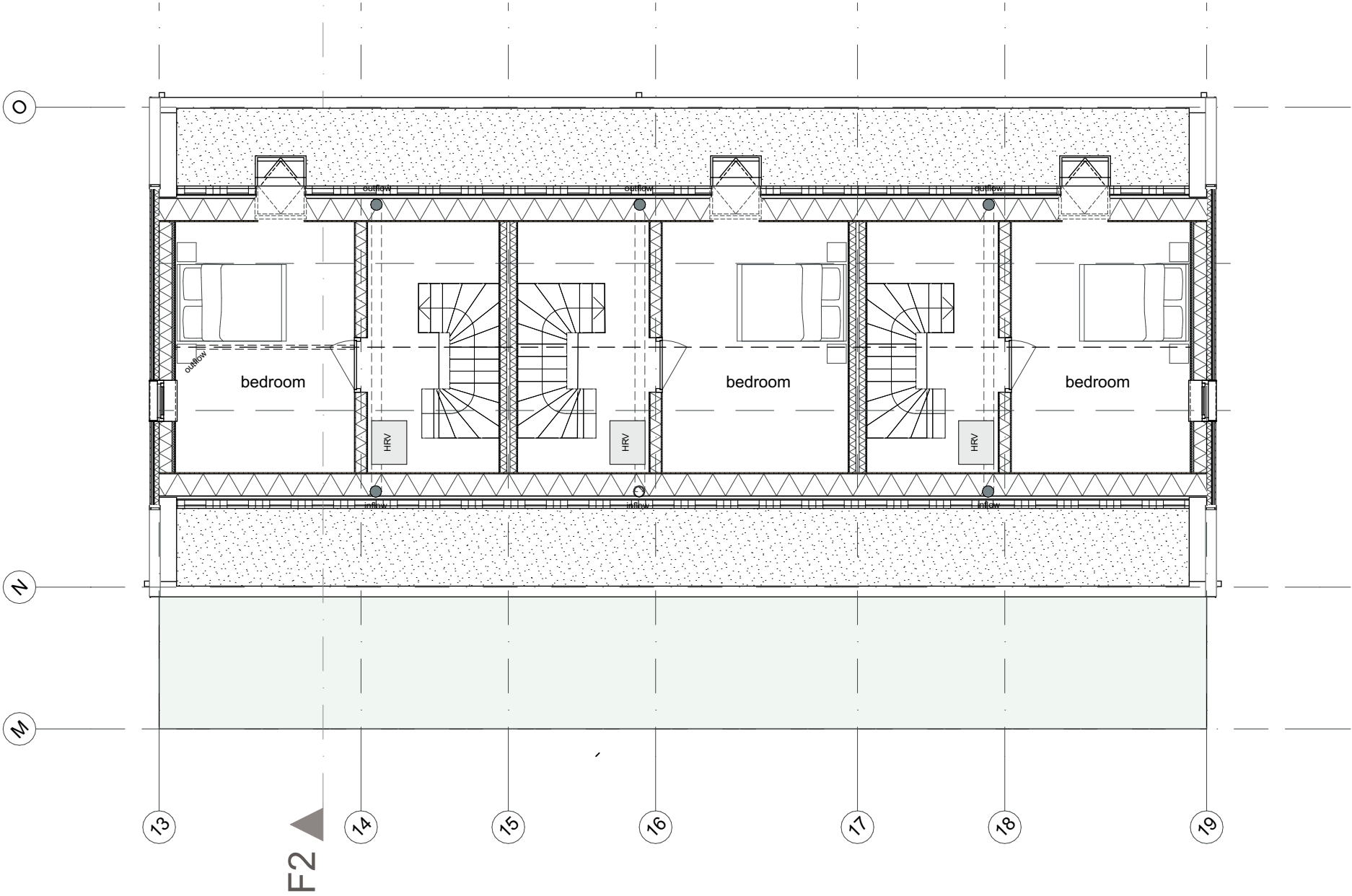
Floorplan Fam ground floor

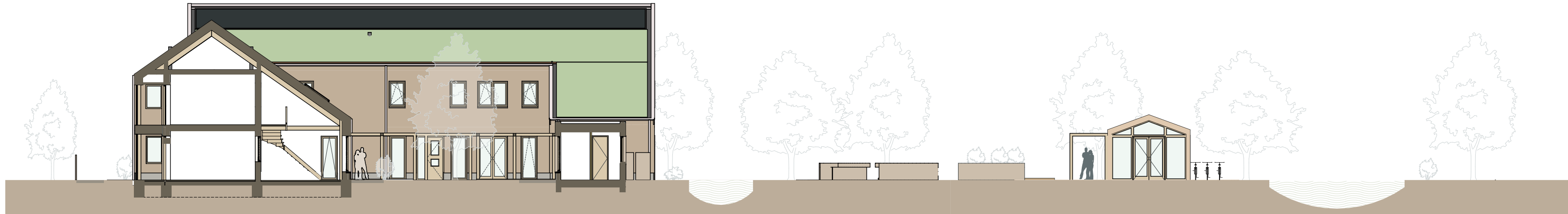
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Floorplan Fam second floor

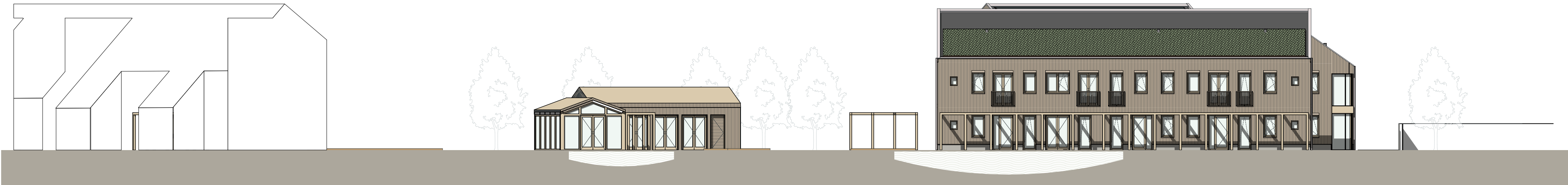
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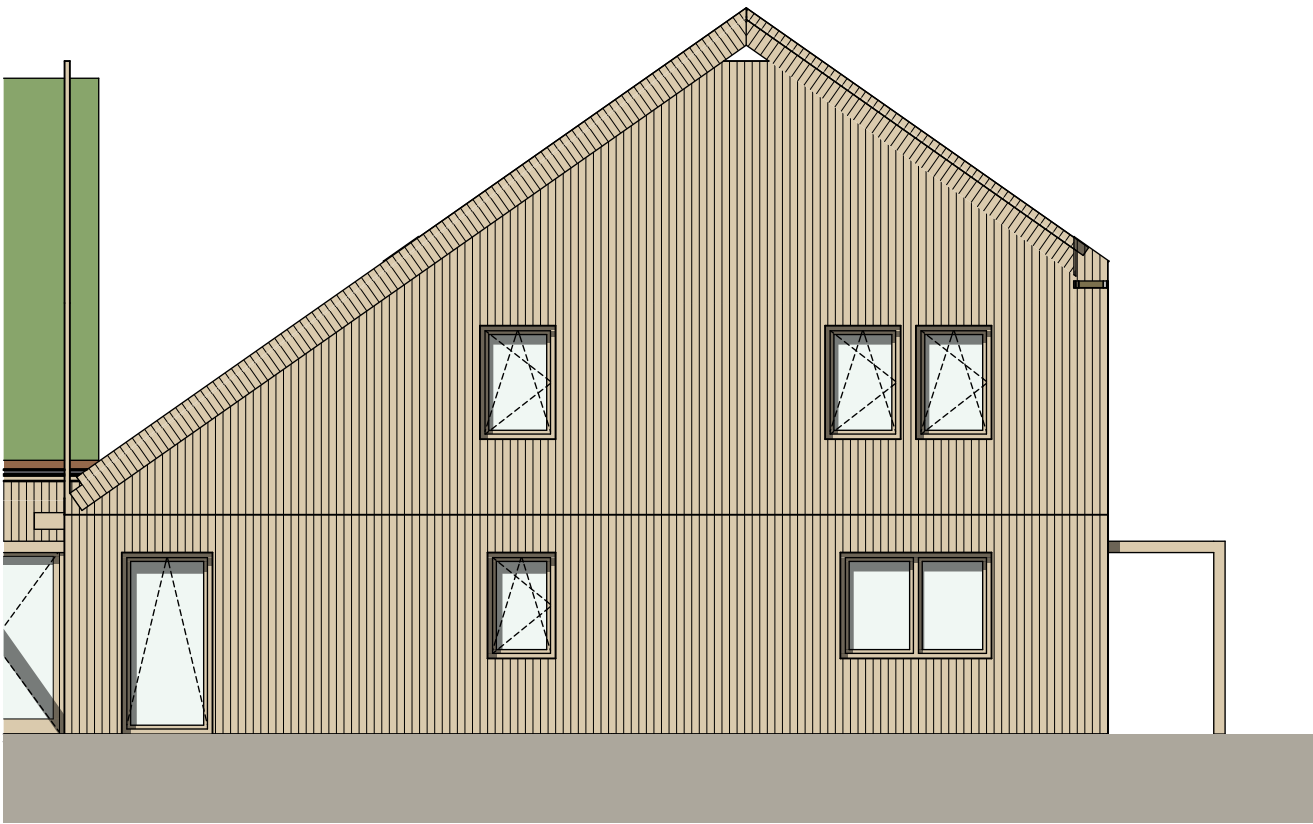




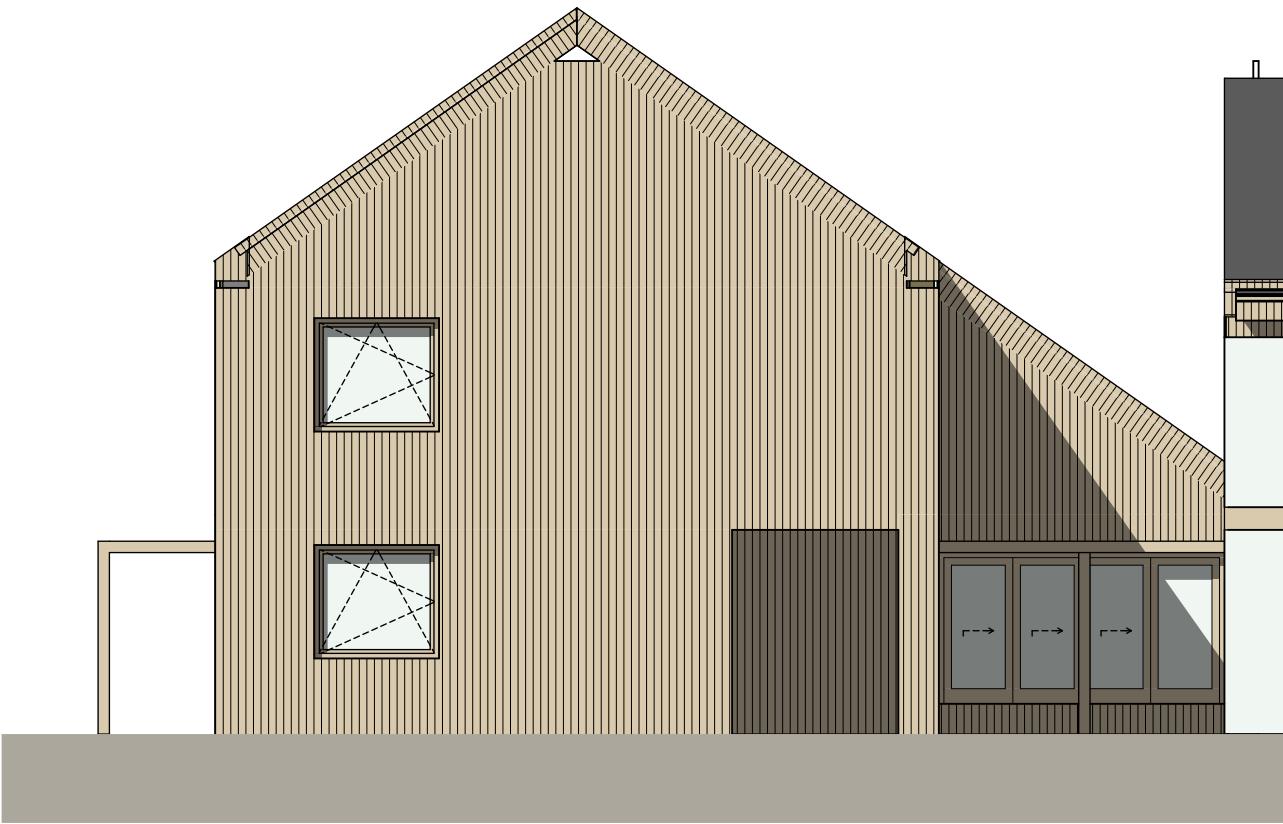


Facade C1 North and South

scale: 1:100



North



South

Facade C1 West

scale: 1:100

ARCHICAD EDUCATION VERSION



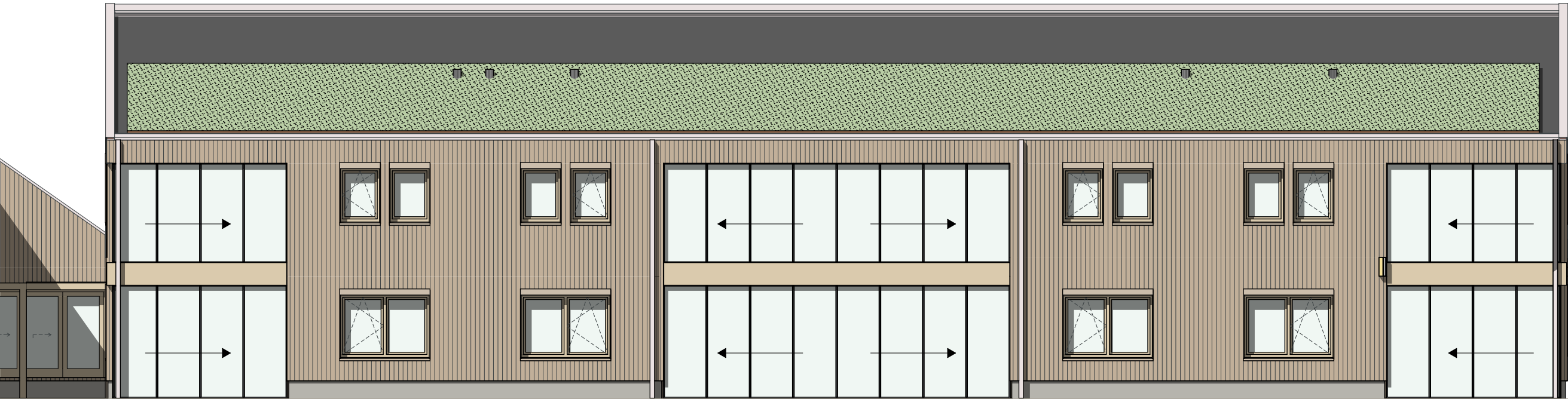
West

Facade C2 North and South

scale: 1:100



North



South

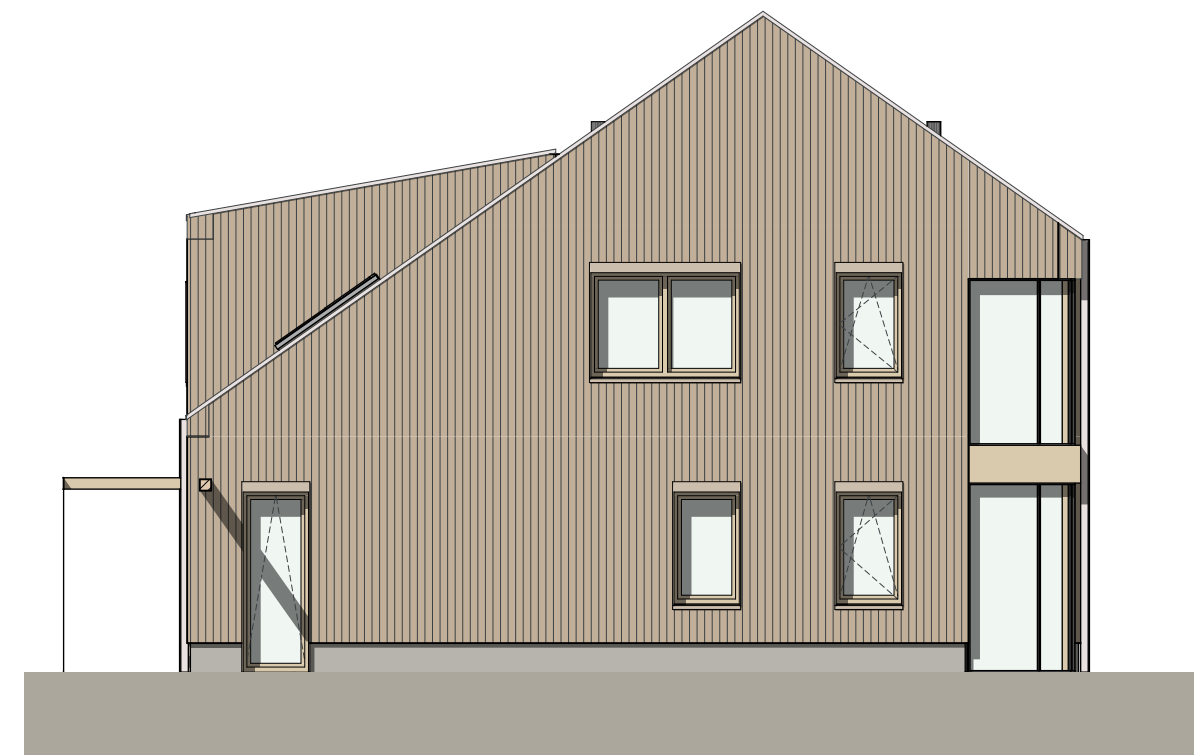
Facade C2 East and West

scale: 1:100

ARCHICAD EDUCATION VERSION



East



West

Facades Fam 1

scale: 1:100



South East



South West

Facades Fam 2

scale: 1:100

ARCHICAD EDUCATION VERSION



South East

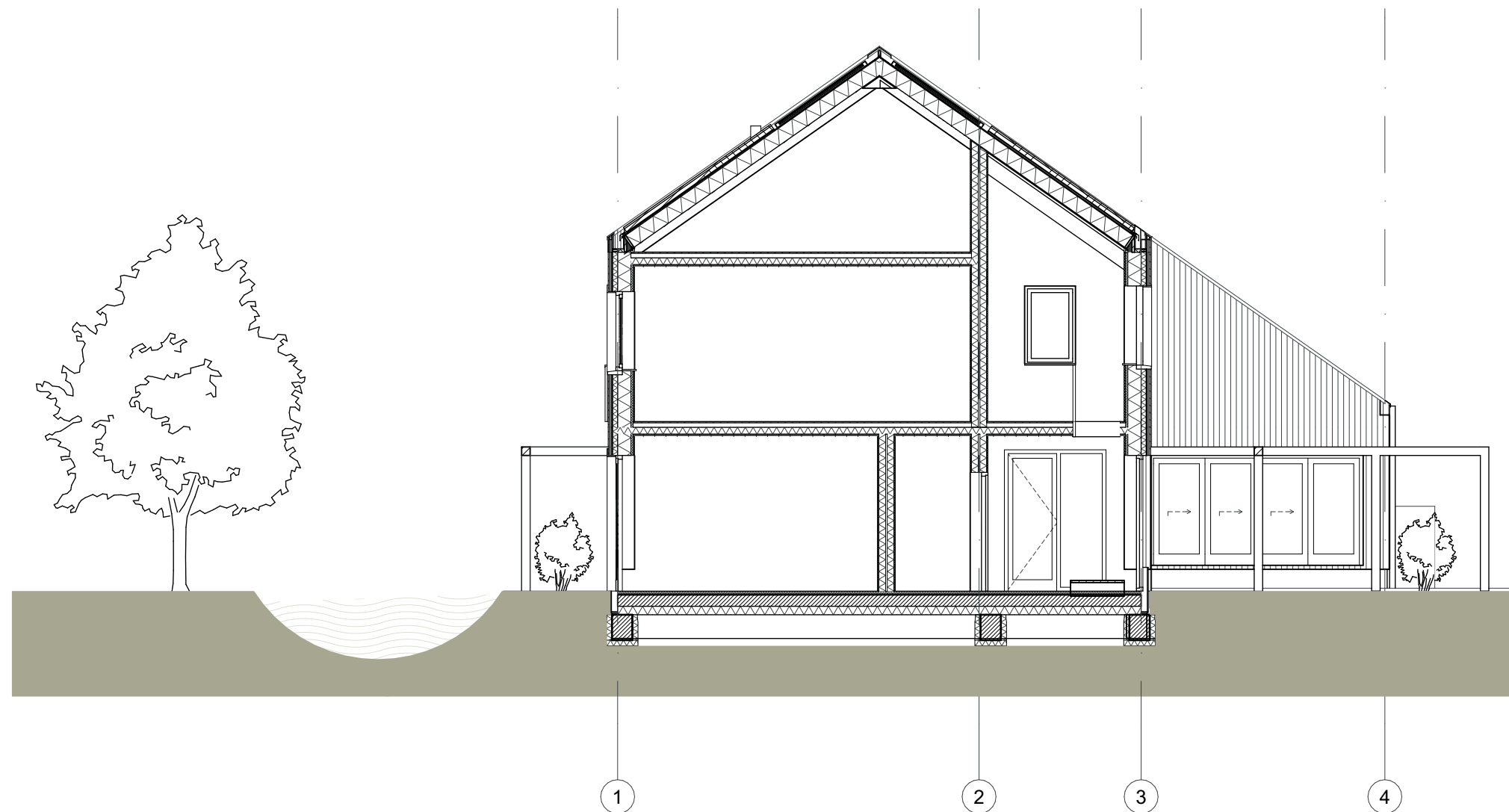


North east

Section C1

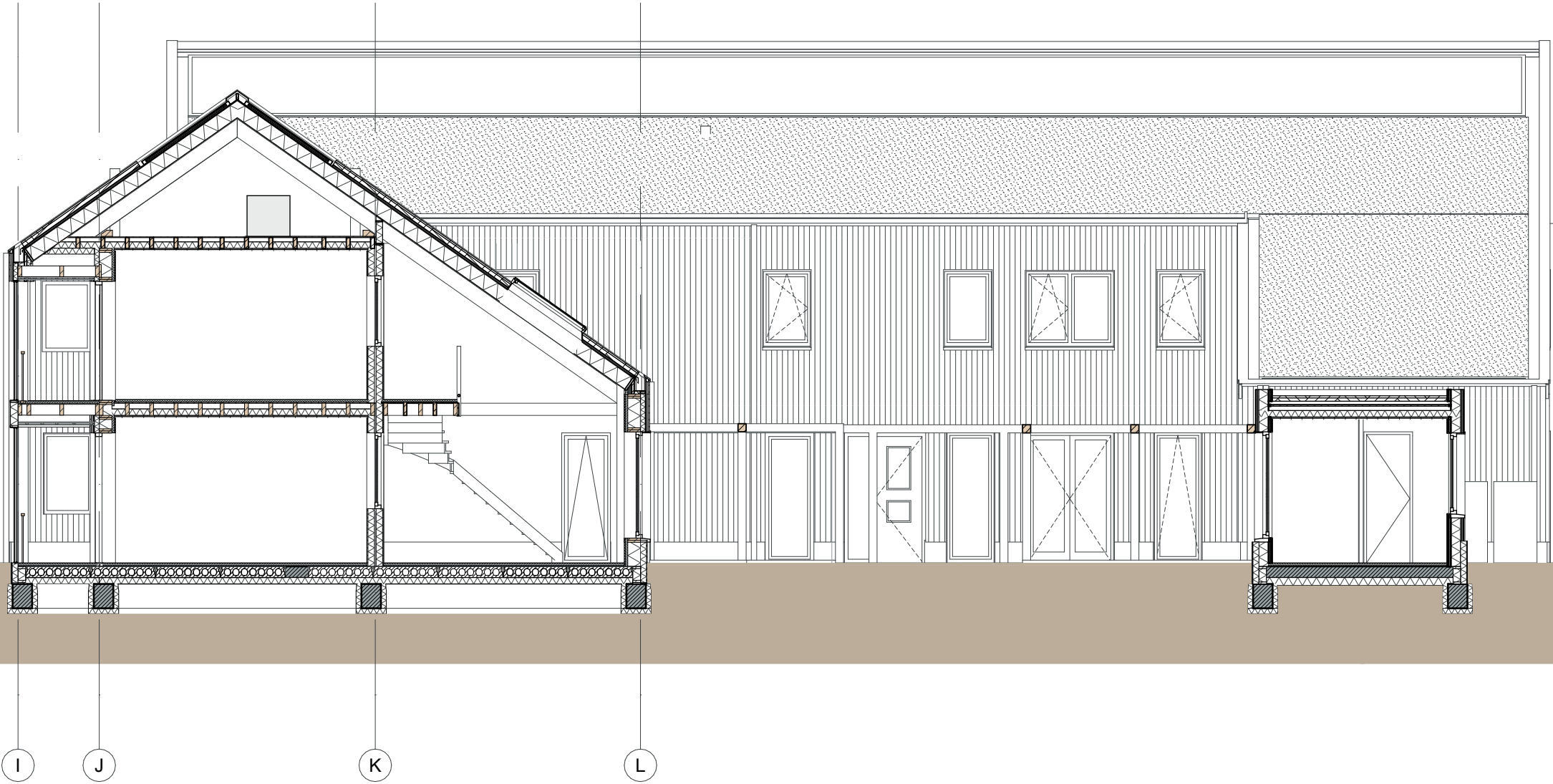
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ARCHICAD EDUCATION VERSION



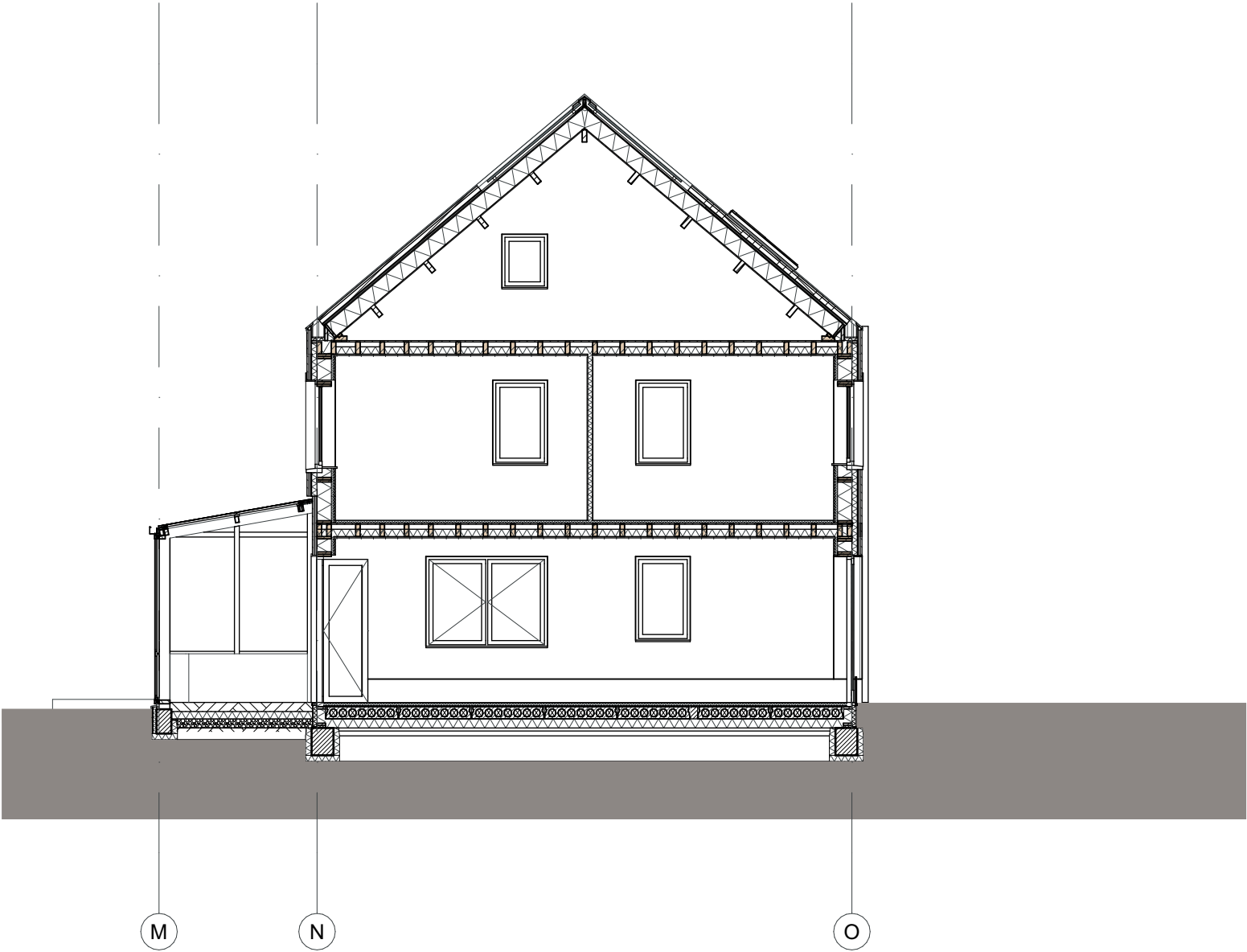
Section C2

scale: 1:100



Section F1

scale: 1:100



L

inside

outside

wooden column
60x200

- Floor construction**
- flooring
 - heat-conducting metal plates with heating pipes
 - wood fiber floor panels
 - hollow-core slab
 - insulation

- Wall construction (vapour-open)**
- vertical cladding
 - horizontal battens
 - vertical battens
 - MDF board, Agepan Protect, 16mm
 - timber frame wall with wood fiber insulation, 89mm
 - timber frame wall with wood fiber insulation, 235mm
 - wood fiber board, Agepan THD install, 40 mm
 - clay board, 25mm

water-resistant board

wooden deck on adjustable pedestals

wooden rack
water-resistant board

foam glass

foundation beam

EPS insulation

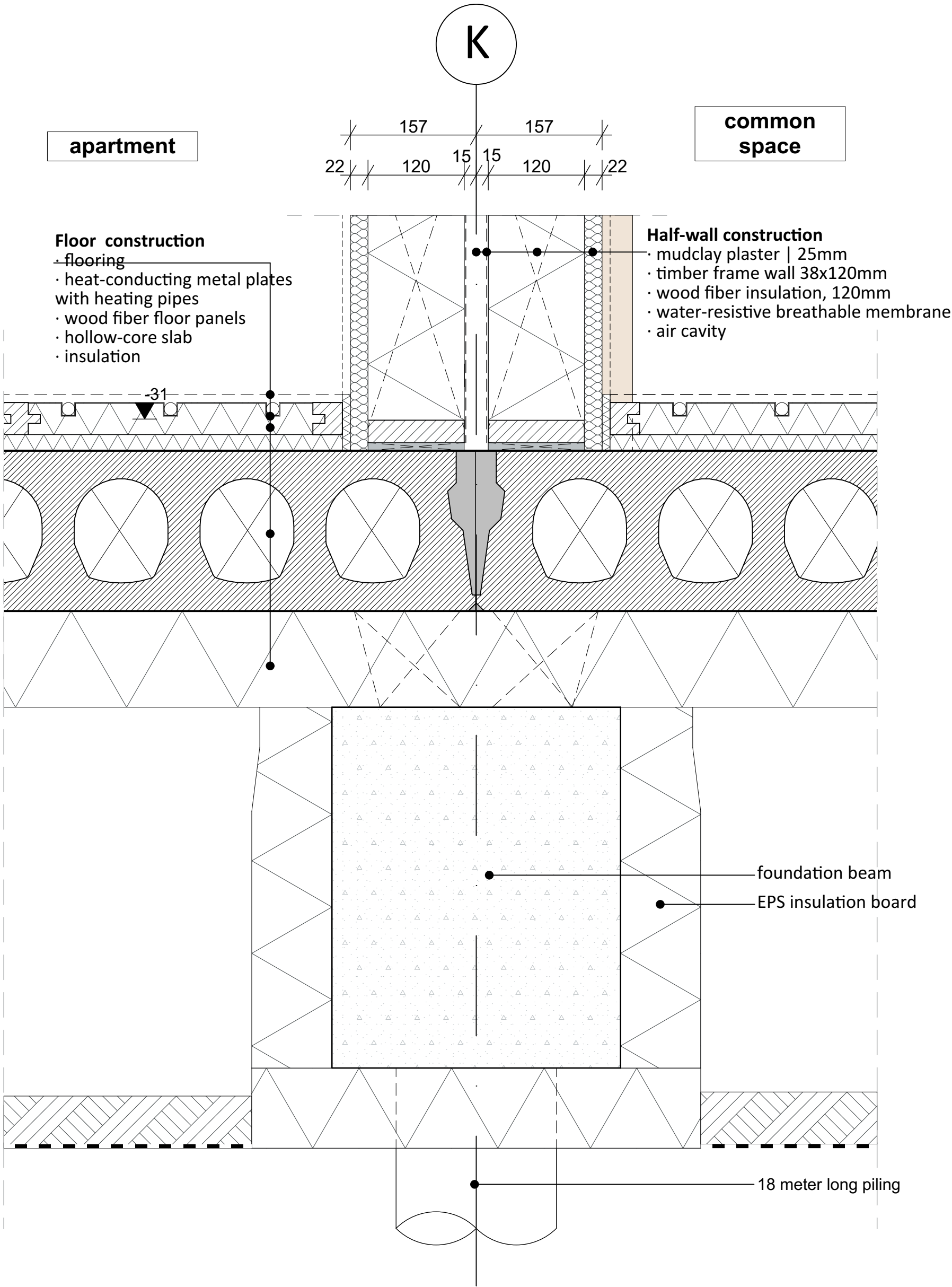
18 meter long piling

crawl
space

Detail C0.1

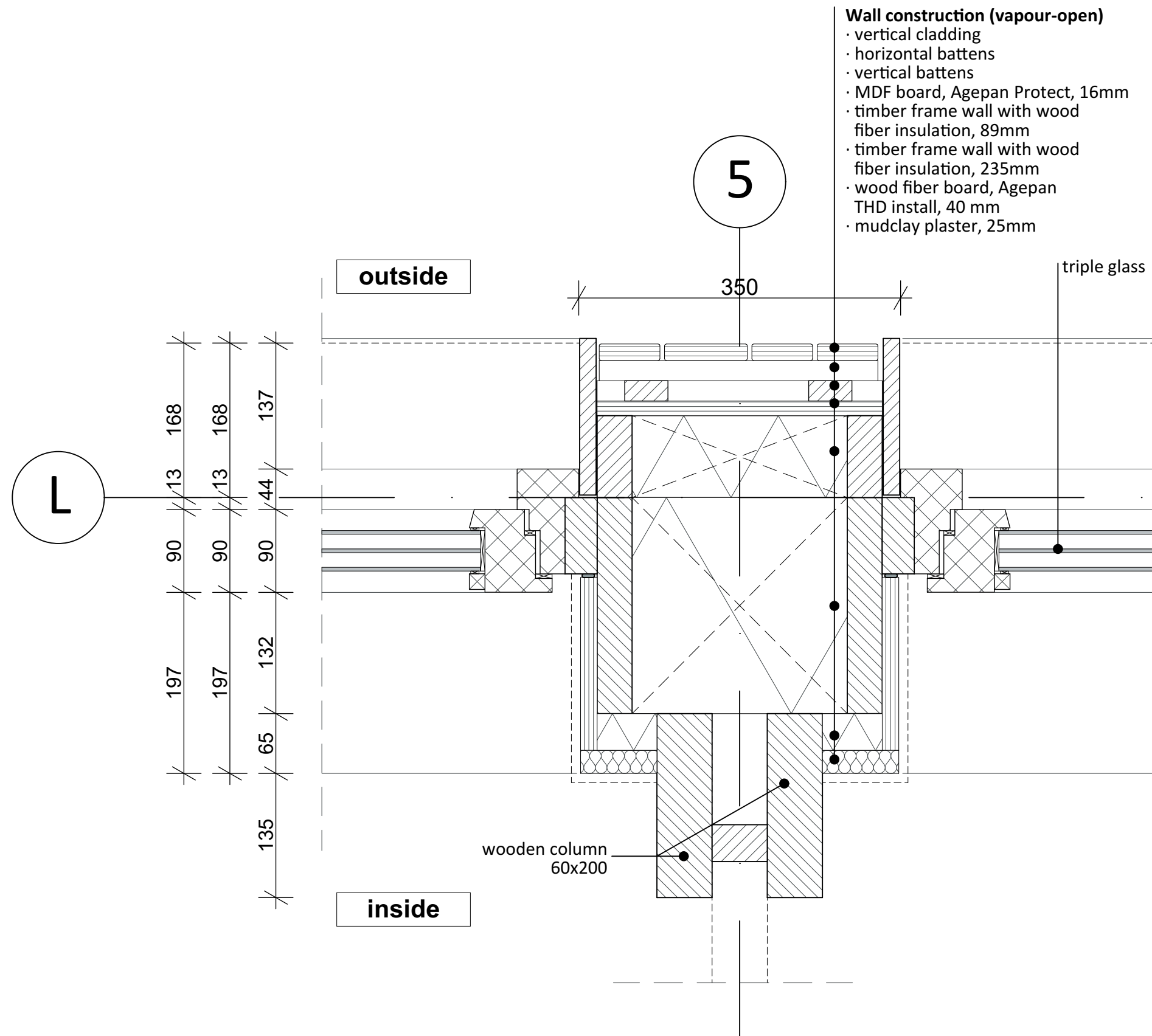
Foundation detail
scale: 1:5

Detail 0.3



Detail C0.2

woningscheidende wand
scale: 1:5



Detail C1.1
horizontal window
scale: 1:5

Roof structure

- Sempergreen Sedum-mix blanket type T, 30mm
- roof garden substrate, 65mm
- green roof tray Sempergreen GDP45
- battens
- Isovlas VRD rofelement (breathable)
 - MDF board, Agepan Protect, 16mm
 - rafters, filling the space with Isovlas insulation
 - ESB board, Elka ESB plus, 15mm

gutter plate

35°

wooden beam
60x280

top of beam
+2.948

wooden beam
60x225

wooden column
60x200

rainwater drainage

Wall construction (vapour-open)

- vertical cladding
- horizontal battens
- vertical battens
- MDF board, Agepan Protect, 16mm
- timber frame wall with wood fiber insulation, 89mm
- timber frame wall with wood fiber insulation, 235mm
- wood fiber board, Agepan THD install, 40 mm
- mudclay plaster, 25mm

top of beam
+2.570

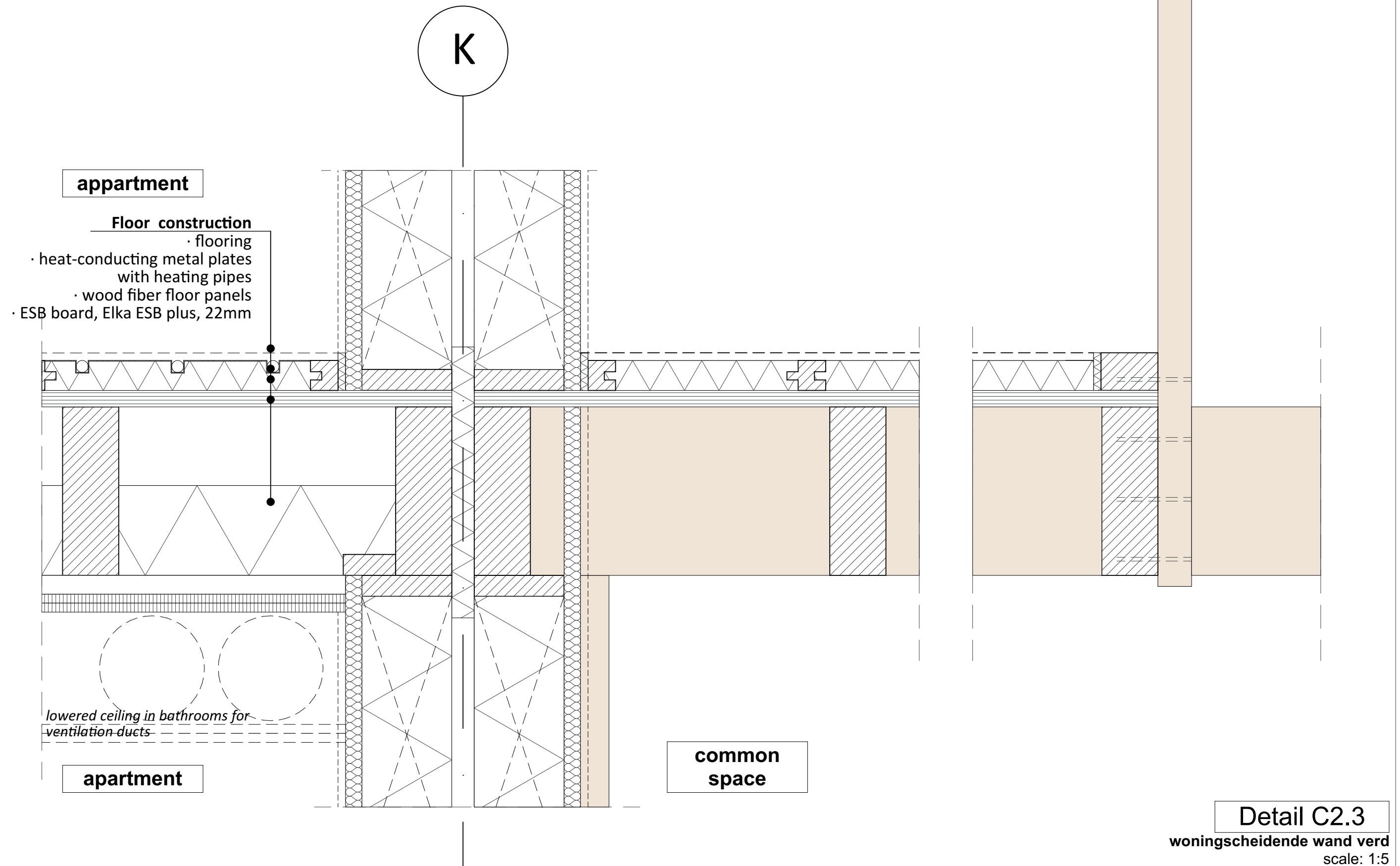
inside

outside

L

Detail C2.1

Eave detail
scale: 1:5



K

- Roof structure**
- Sempergreen Sedum-mix blanket type T, 30mm
 - roof garden substrate, 65mm
 - green roof tray Sempergreen GDP45
 - battens
 - Isovlas VRD roofelement (breathable)
 - MDF board, Agepan Protect, 16mm
 - rafters, filling the space with Isovlas insulation
 - ESB board, Elka ESB plus, 15mm

wooden beam
60x280

wall plate

+6.030

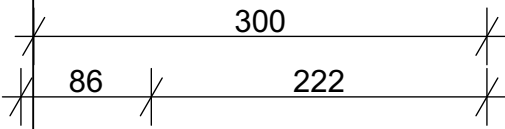
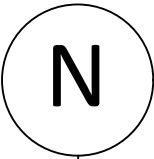
lowered ceiling in bathrooms for
ventilation ducts

apartment

- Half-wall construction**
- mudclay plaster | 25mm
 - timber frame wall 38x120mm
 - wood fiber insulation, 120mm
 - water-resistive breathable membrane
 - air cavity

Detail C3.1

roof attachment
scale: 1:5



inside
(sunroom)

inside

folding wall Solarlux Woodline

threshold

Floor construction

- finish
- leveling layer rammed earth
- base-layer rammed earth
- non-biodegradable insulation
- polyethylene sheeting
- gravel (capillary break)
- substrate

Floor construction

- flooring
- wood fiber floor panels
- hollow-core slab
- insulation

±0

22

bearing block

crawl space

water-resistant board

wooden rack

foam glass

foundation beam

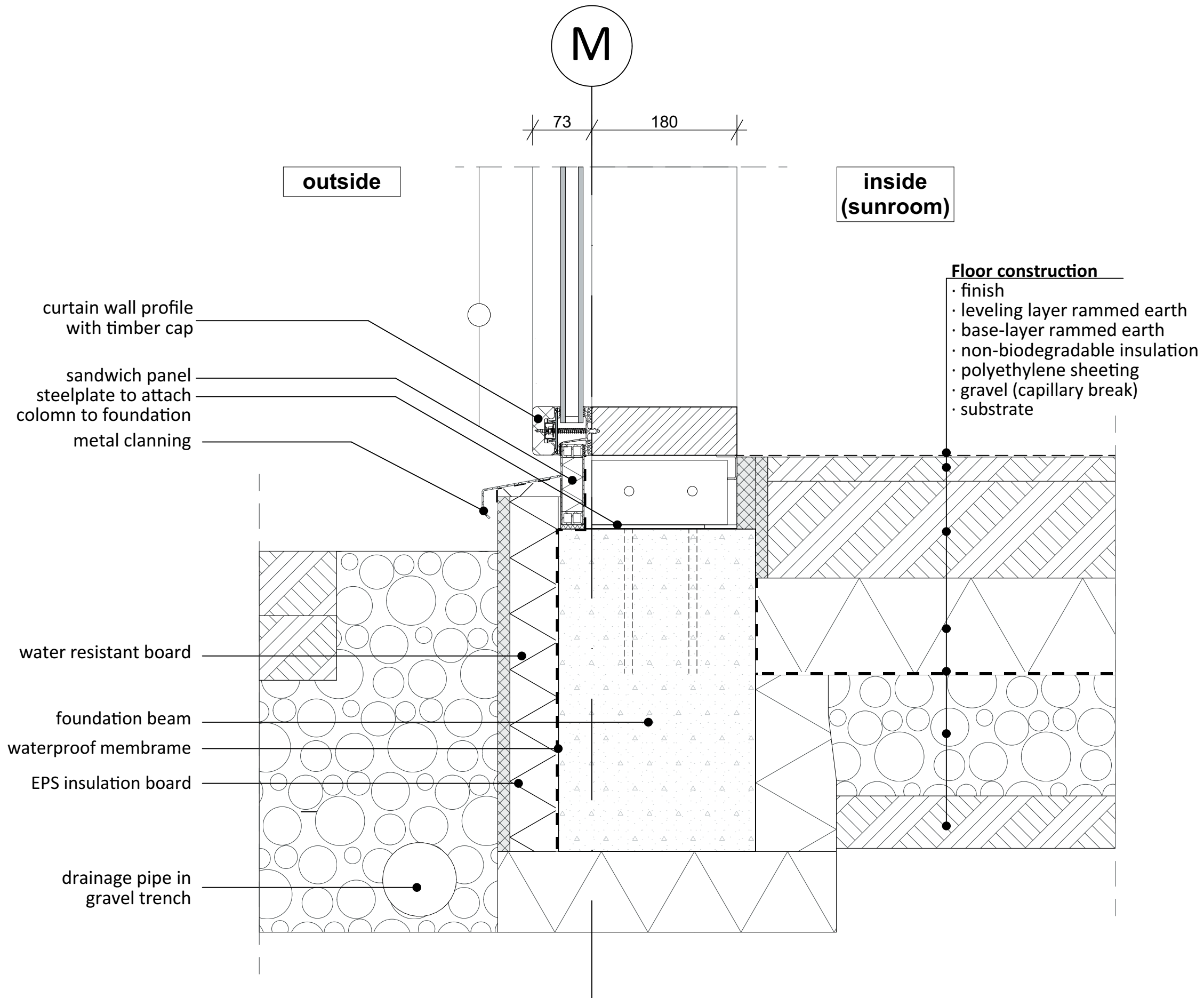
waterproof membrane

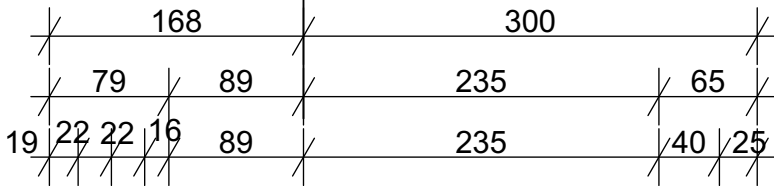
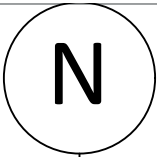
EPS insulation board

18 meter long piling

Detail F0.1

Family Foundation
scale: 1:5





outside

rainwater drainage
joint sealing tape

curtain wall profile

- steel plate covering
- sandwich panel
- vapour barrier
- guide plate

steel plate to attach
beams to wall

air inlet in wall

+3.000

Wall construction (vapour-open)

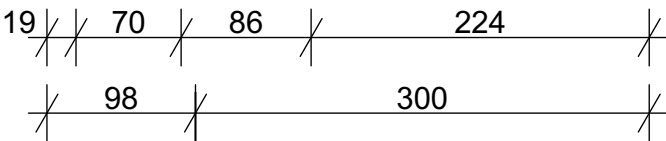
- vertical cladding
- horizontal battens
- vertical battens
- MDF board, Agepan Protect, 16mm
- timber frame wall with wood fiber insulation, 235mm
- wood fiber board, Agepan THD install, 40 mm
- clay board, 25mm

Floor construction

- flooring
- heat-conducting metal plates with heating pipes
- wood fiber floor panels
- ESB board, Elka ESB plus, 15mm
- floor beams, h.o.h. 400mm, with wood fiber insulation
- battens
- clay board, 25mm

folding wall Solarlux Woodline

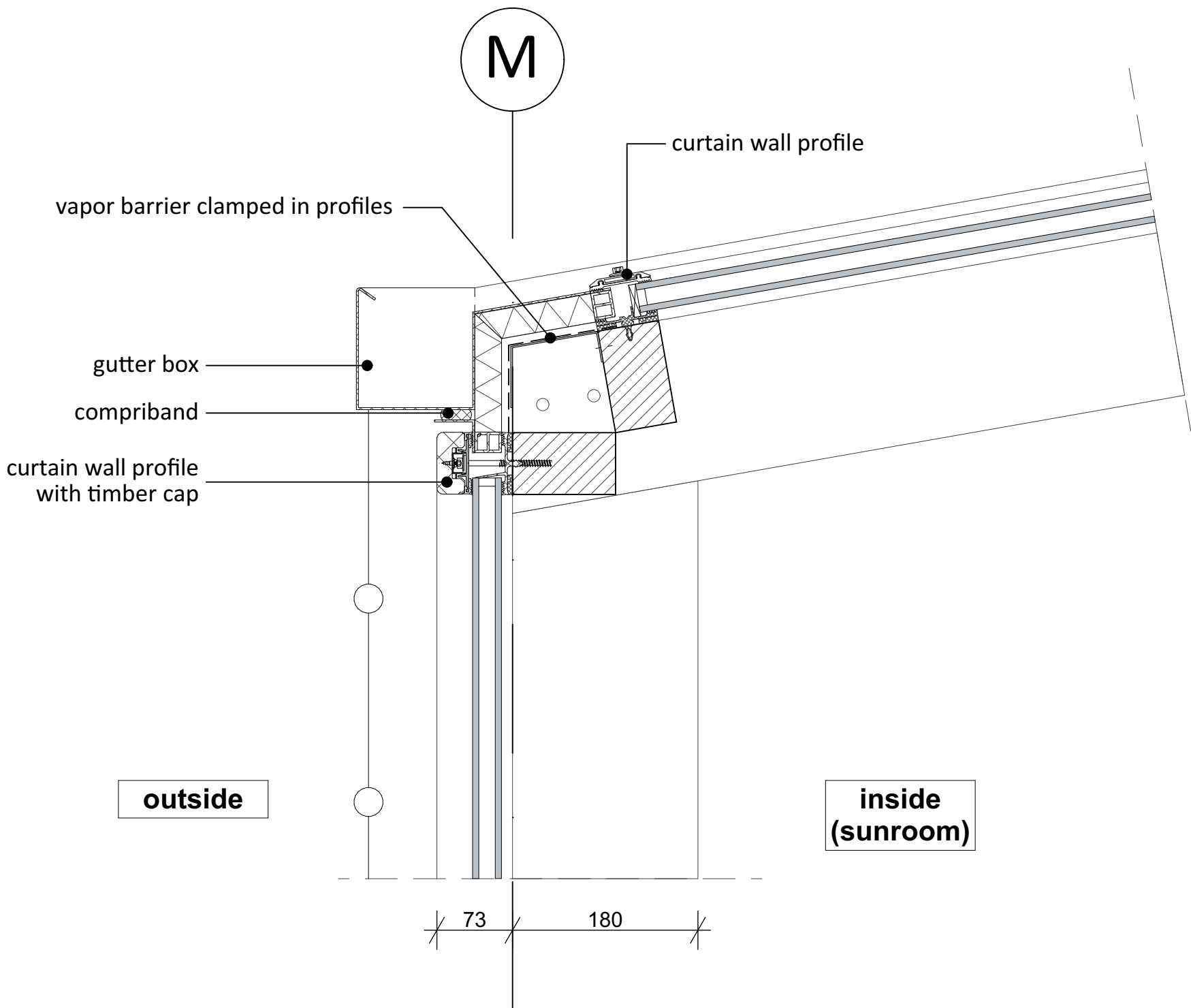
inside
(sunroom)



inside

Detail F2.1

Family First floor
scale: 1:5

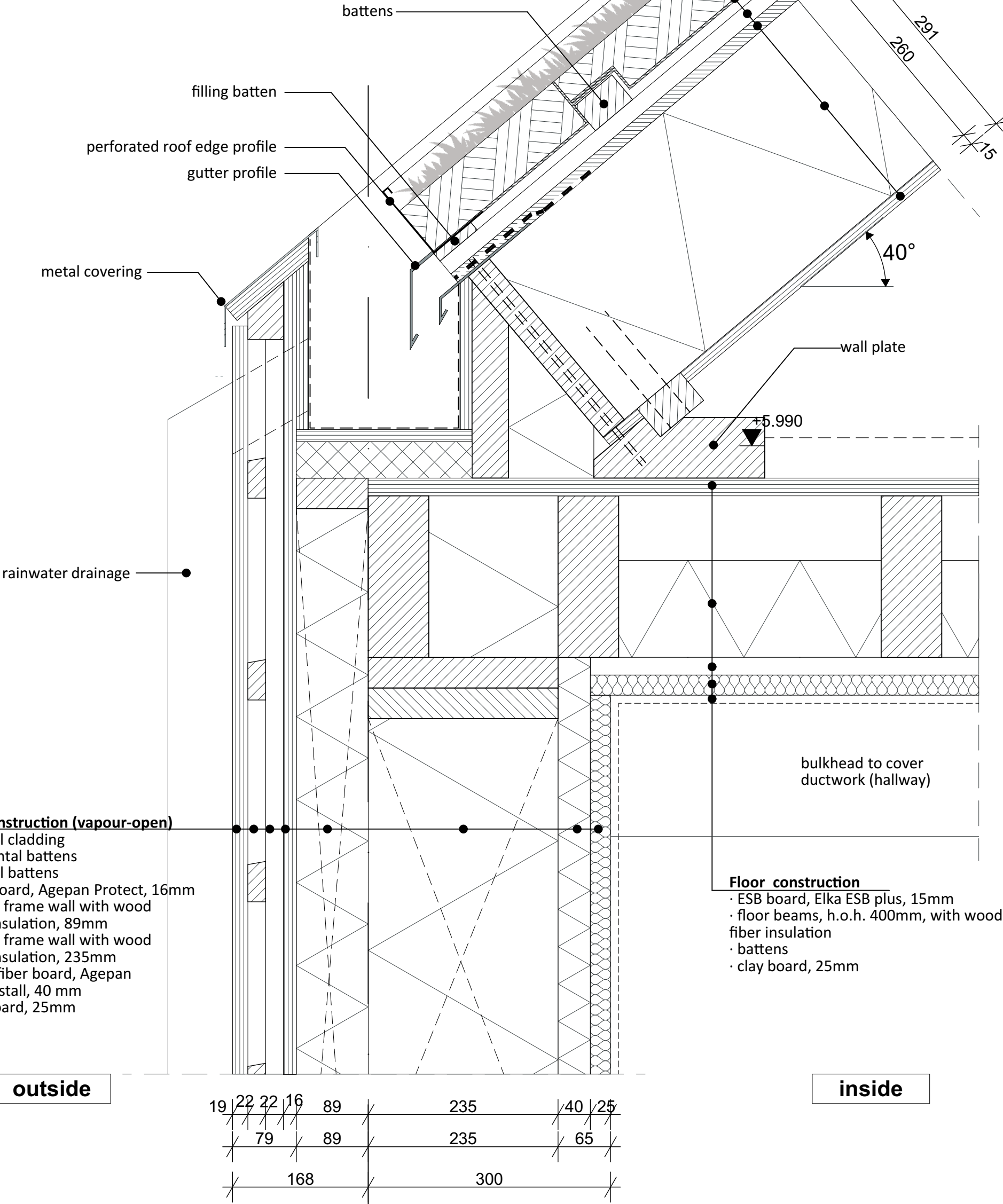


Detail F2.2

Family serre
scale: 1:5

Roof structure

- Sempergreen Sedum-mix blanket type T, 30mm
- roof garden substrate, 65mm
- green roof tray Sempergreen GDP45
- battens
- Isovlas VRD rooffelement (breathable)
 - MDF board, Agepan Protect, 16mm
 - rafters, filling the space with Isovlas insulation
 - ESB board, Elka ESB plus, 15mm



Wall construction (vapour-open)

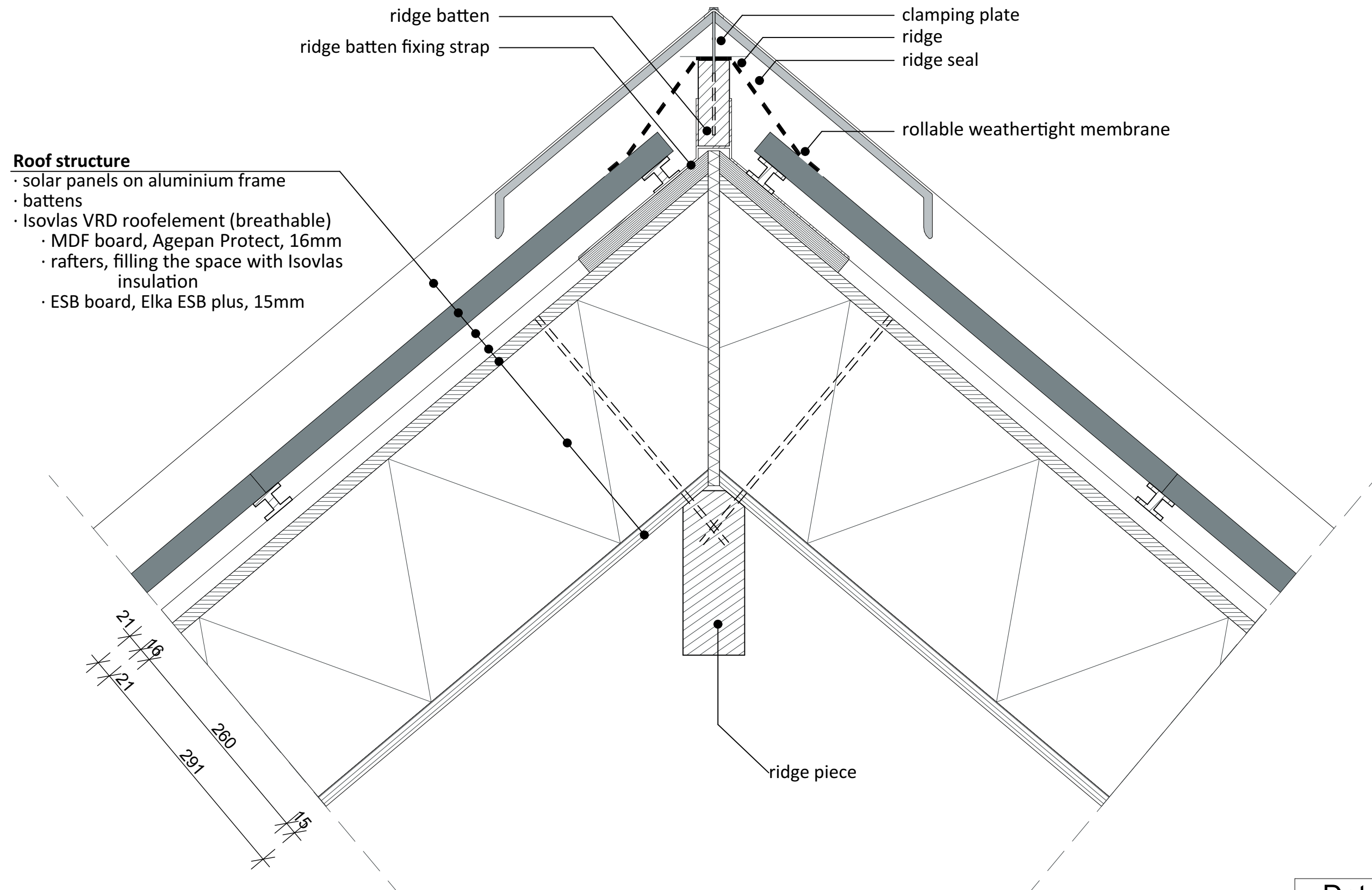
- vertical cladding
- horizontal battens
- vertical battens
- MDF board, Agepan Protect, 16mm
- timber frame wall with wood fiber insulation, 89mm
- timber frame wall with wood fiber insulation, 235mm
- wood fiber board, Agepan THD install, 40 mm
- clay board, 25mm

Floor construction

- ESB board, Elka ESB plus, 15mm
- floor beams, h.o.h. 400mm, with wood fiber insulation
- battens
- clay board, 25mm

Detail F3.1

Family Eaves detail
scale: 1:5



Detail F4.1
Family Ridge detail
scale: 1:5

