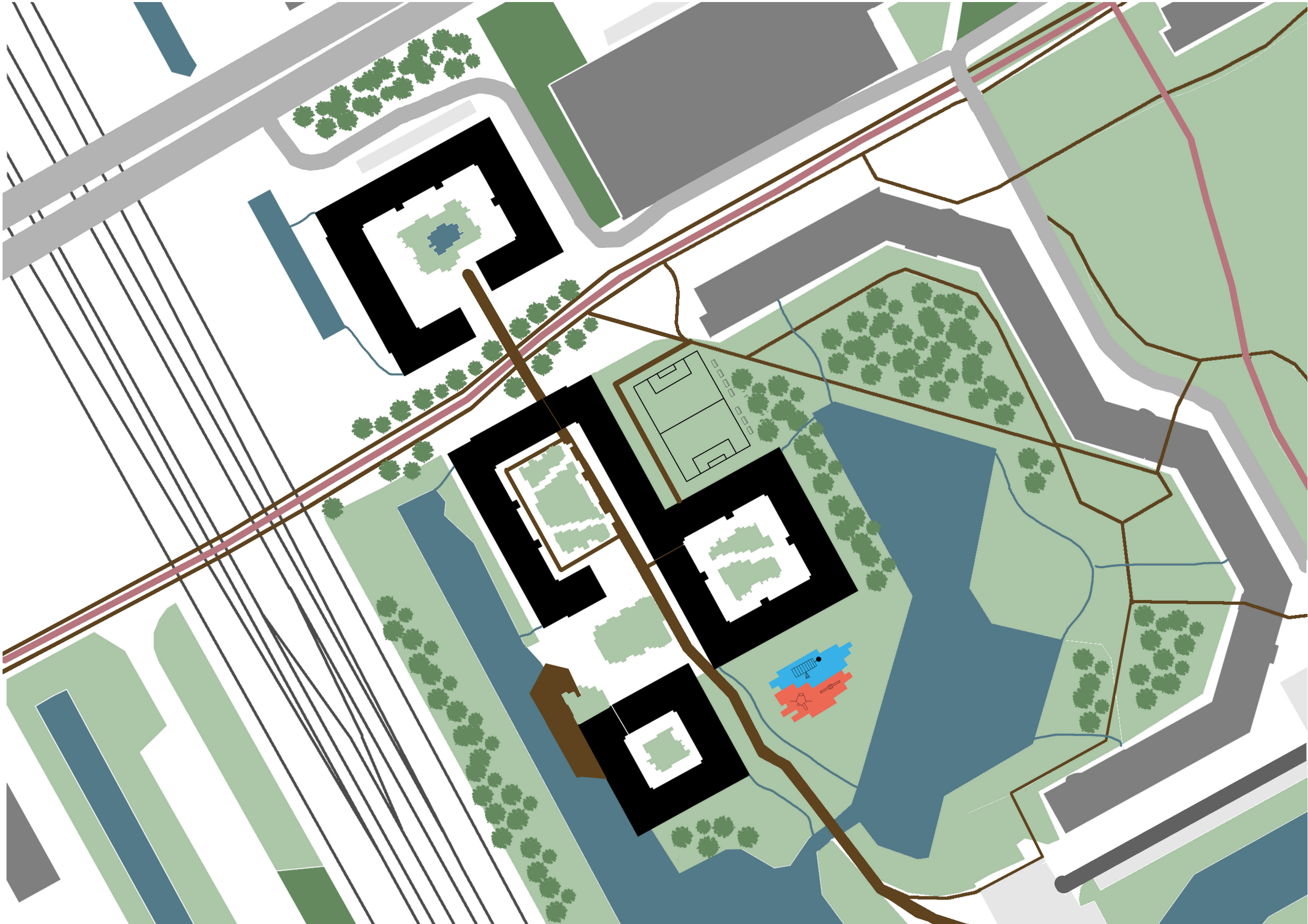




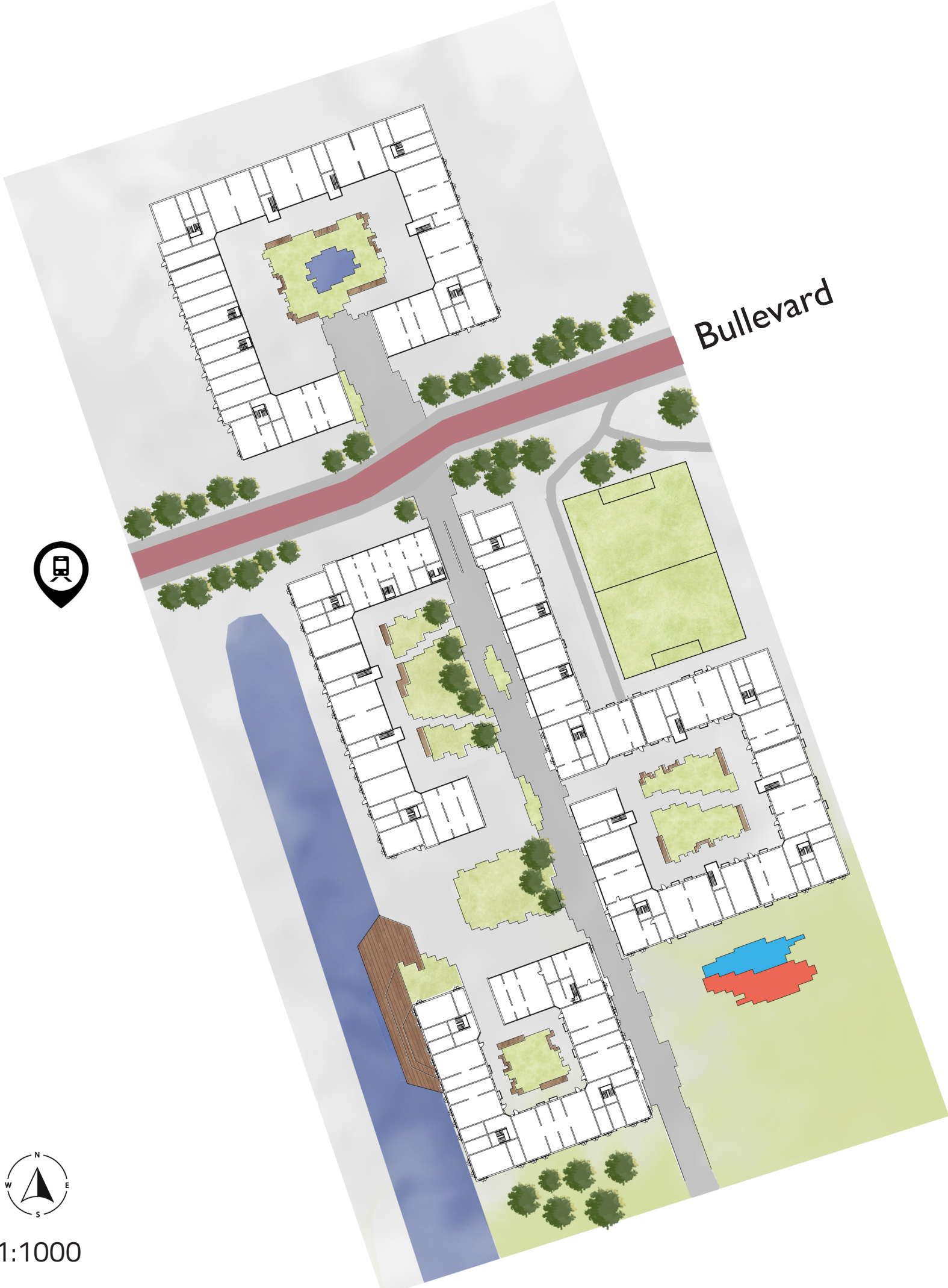
SET OF DRAWINGS

Julie Megens
5181445
01-07-2021

URBAN PLAN



GREEN ROUTE

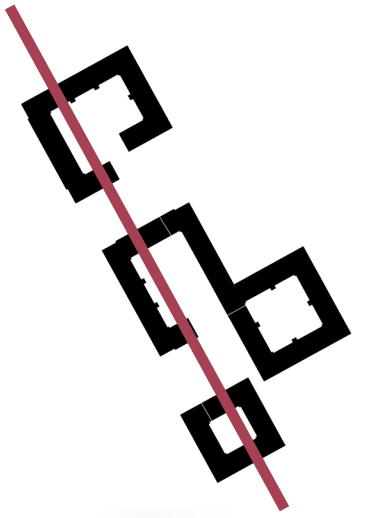


Bullevard

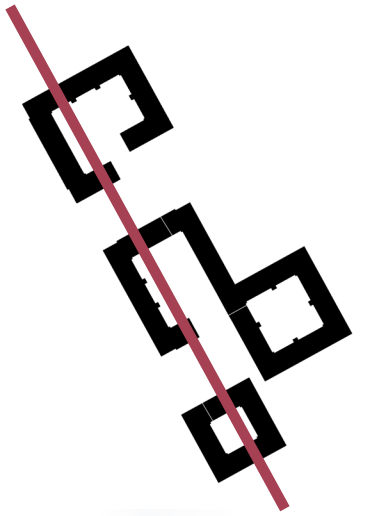


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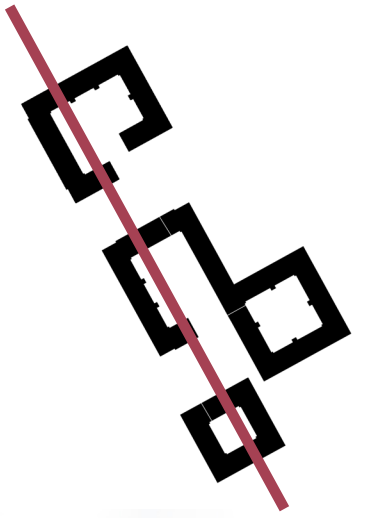
BIODIVERSITY



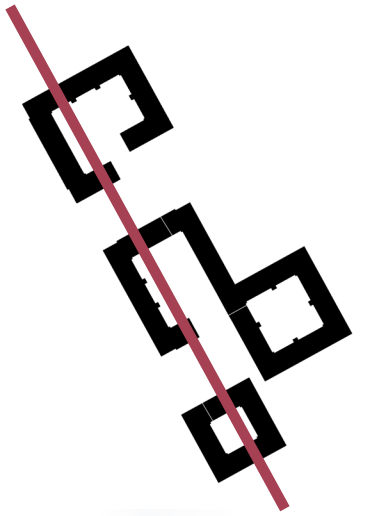
WELL BEING



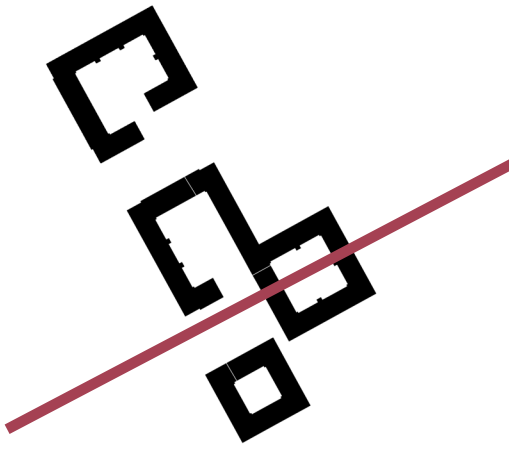
SOCIO-SPATIAL RELATION



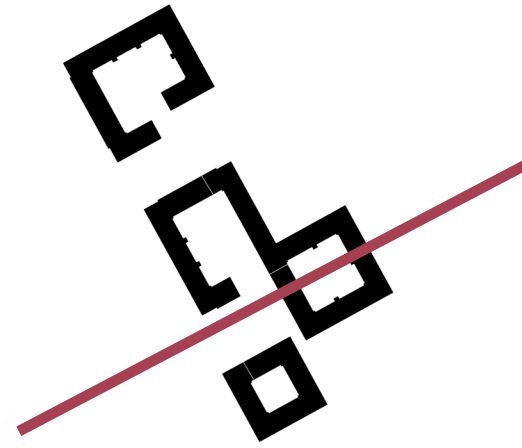
SOCIO-ECONOMIC



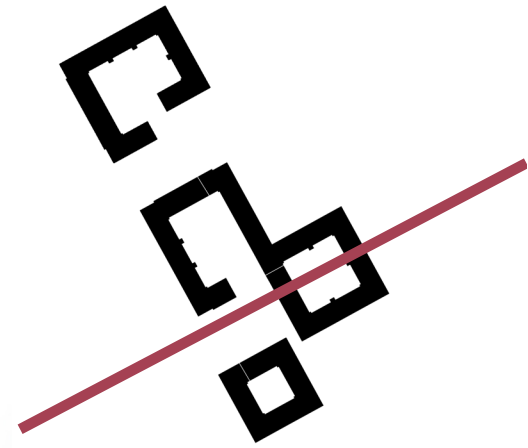
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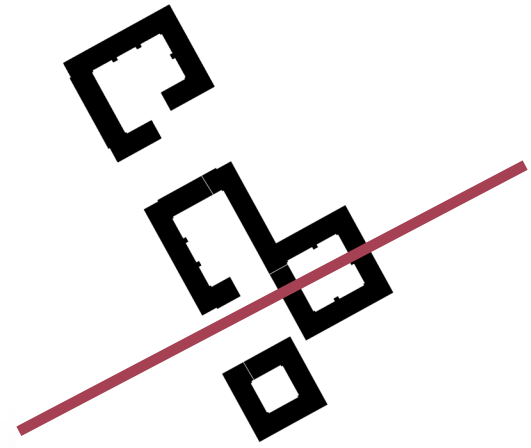
WELL BEING



SOCIO-SPATIAL RELATION



SOCIO-ECONOMIC



FUNCTIONS GROUND FLOOR

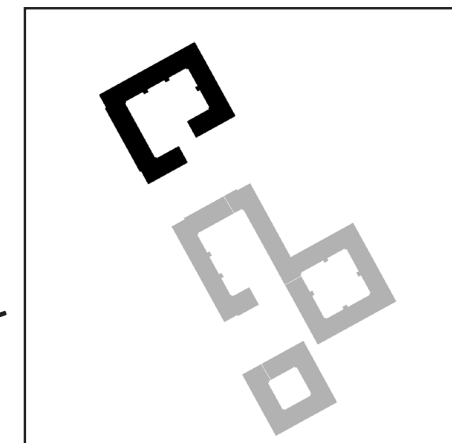


-  Creative hub
-  Offices
-  Study centre
-  Restaurant
-  Shops
-  Storage spaces

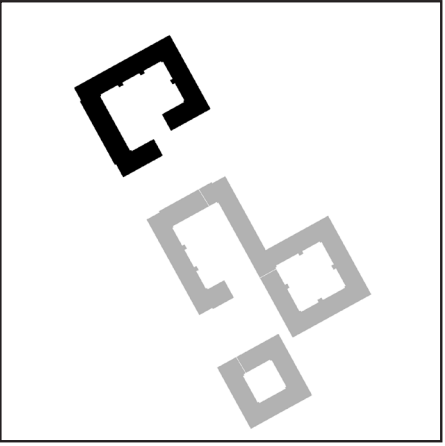


1:1000

-  Ateliers
-  Workshops
-  Restaurant / cafe
-  Gallery
-  Shop
-  Urban meeting spot
-  Pedestrian area

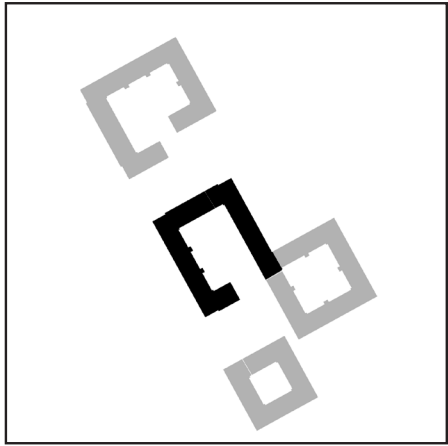


SECTION

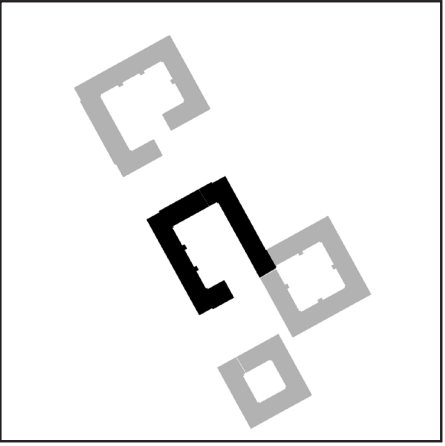


PLAN GROUND FLOOR

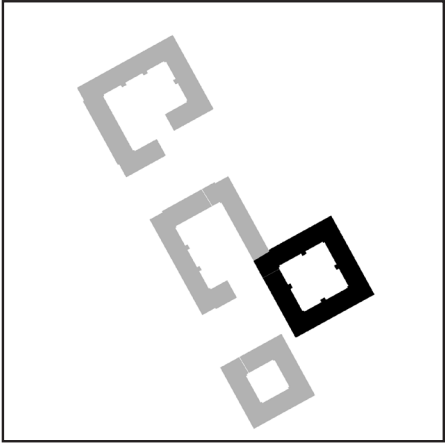
-  Offices
-  Restaurant / cafe
-  Community centre
-  Relaxing area
-  Pedestrian area



SECTION



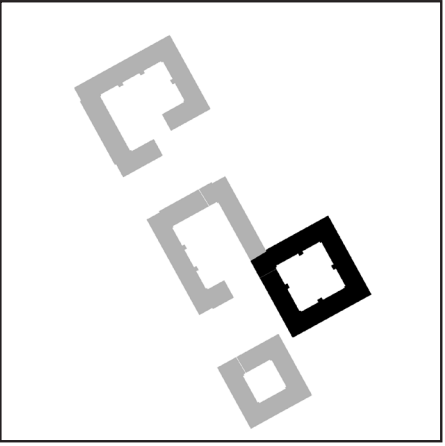
PLAN GROUND FLOOR



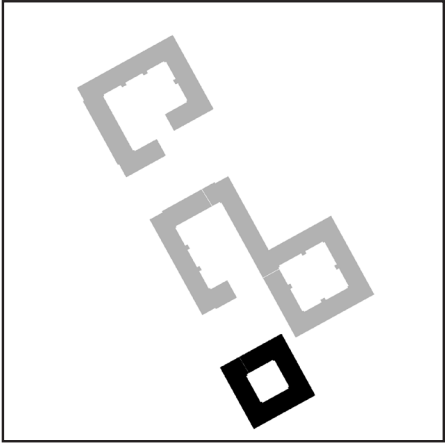
-  Study spaces
-  Shops
-  Ouder/kind teams
-  Relaxing area



SECTION



PLAN GROUND FLOOR



Study spaces



Shops



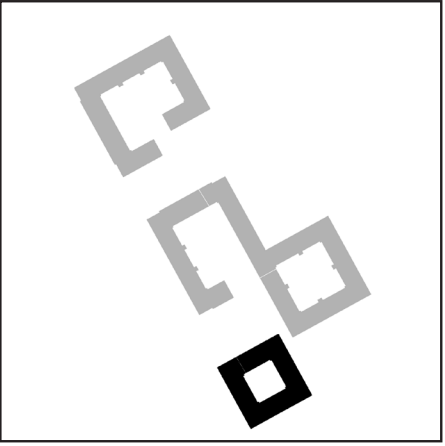
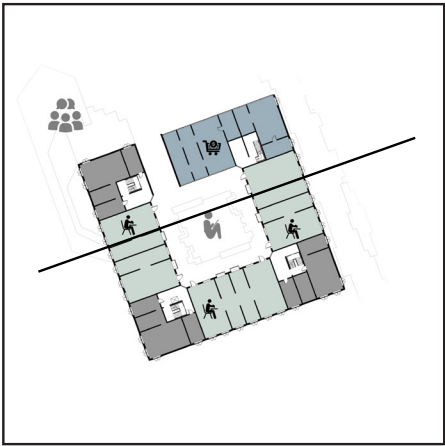
Urban meeting spot



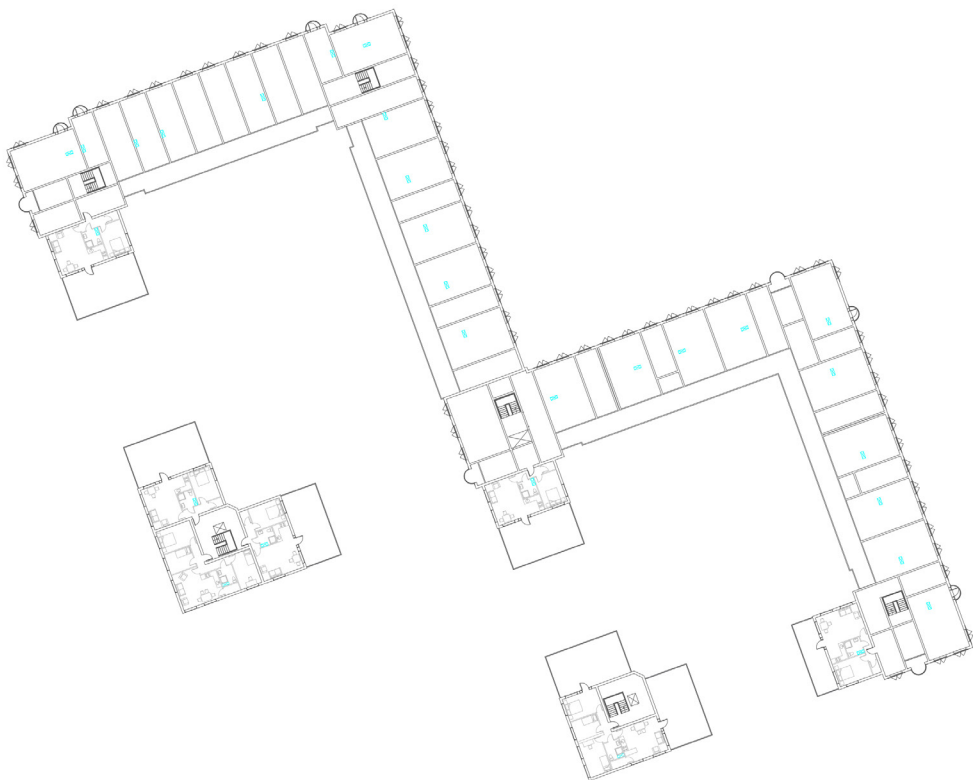
Relaxing area



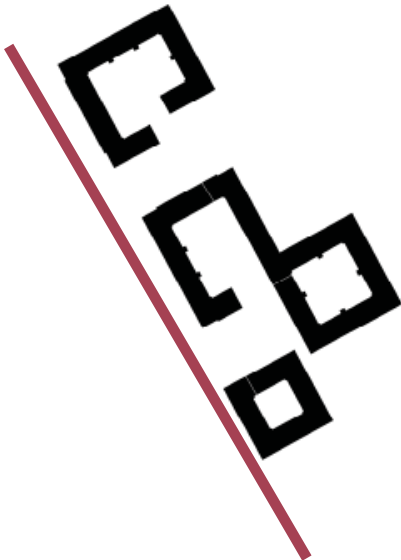
SECTION



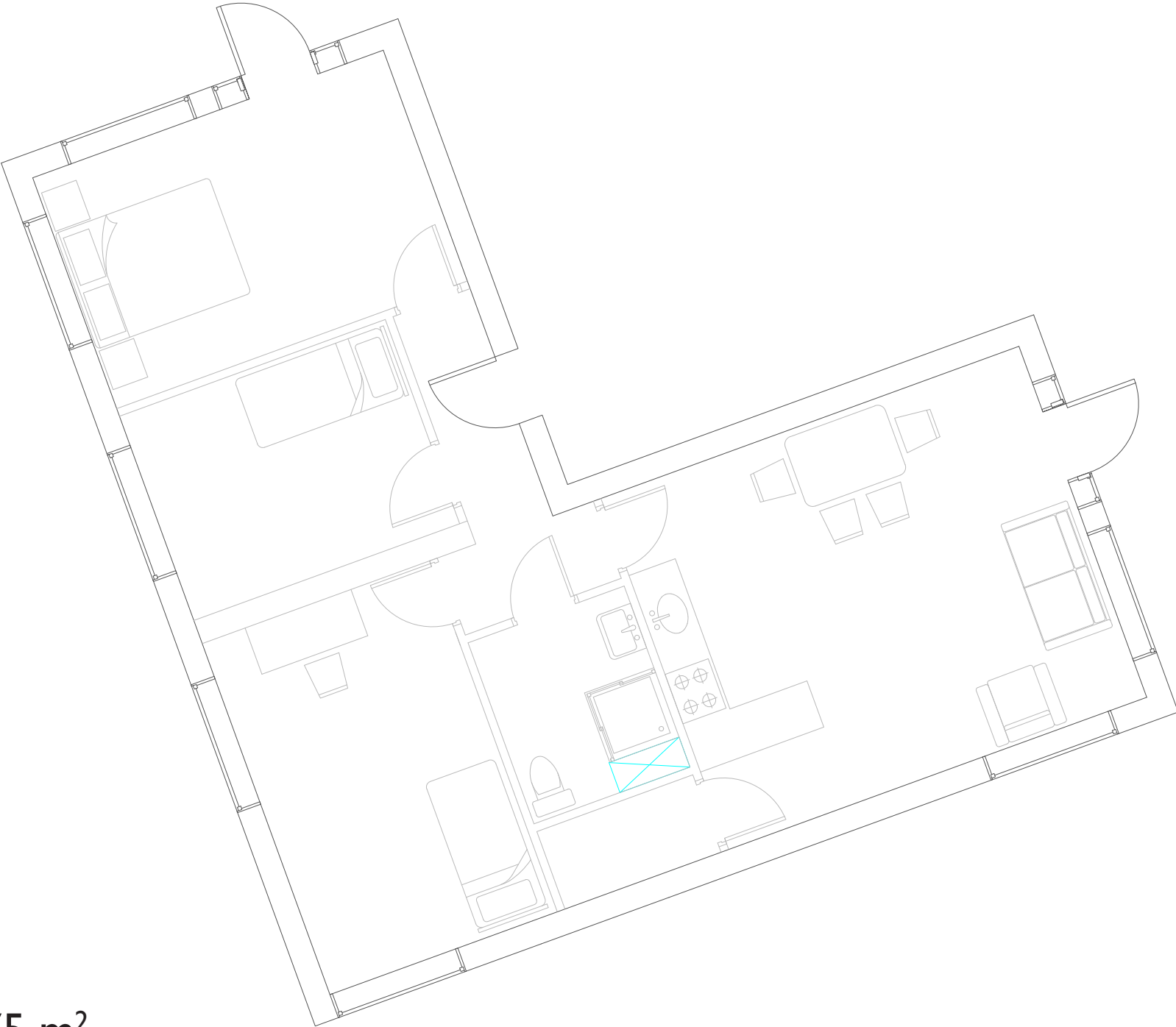
LEVEL 4 AND 5



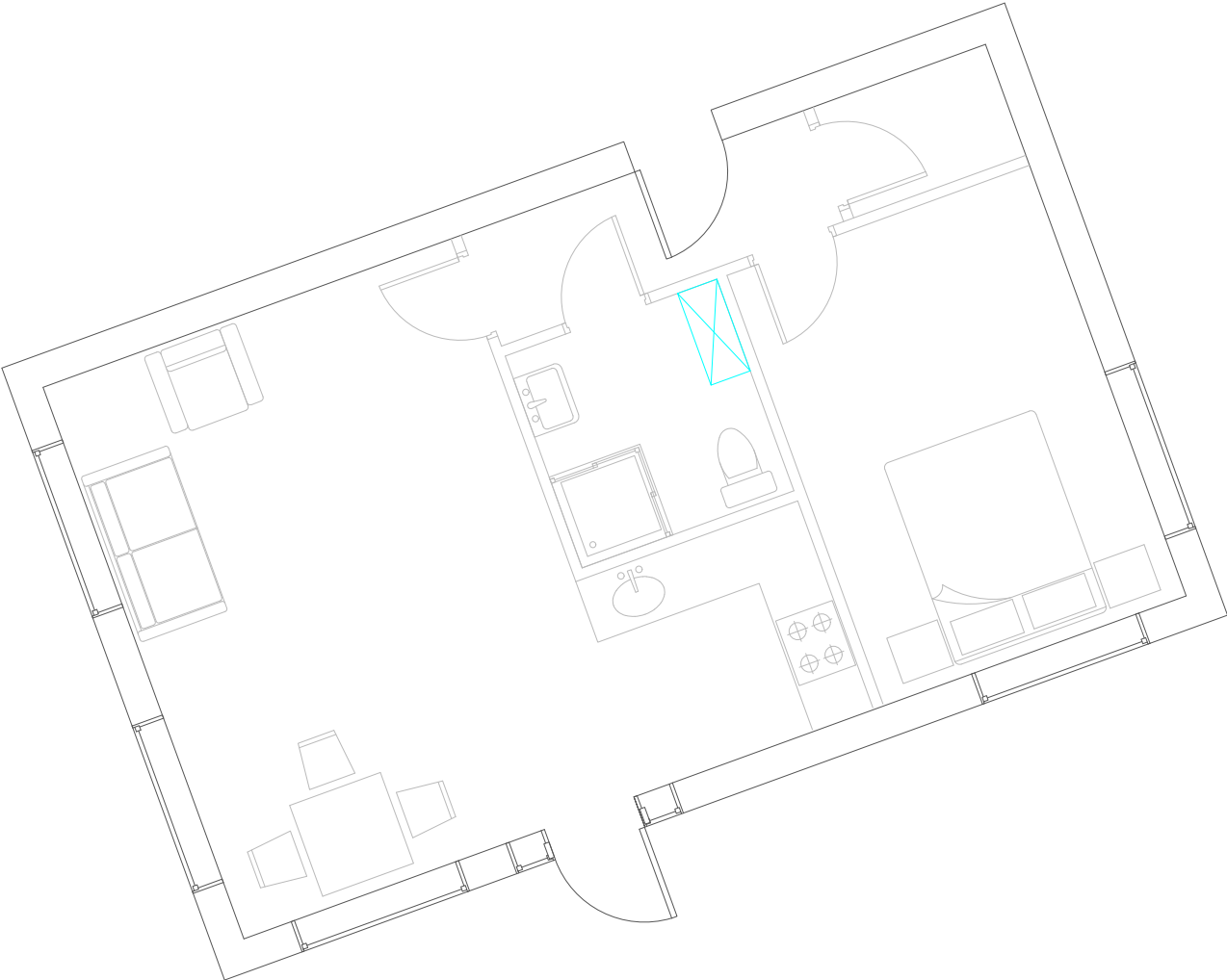
FACADES



APARTMENTS

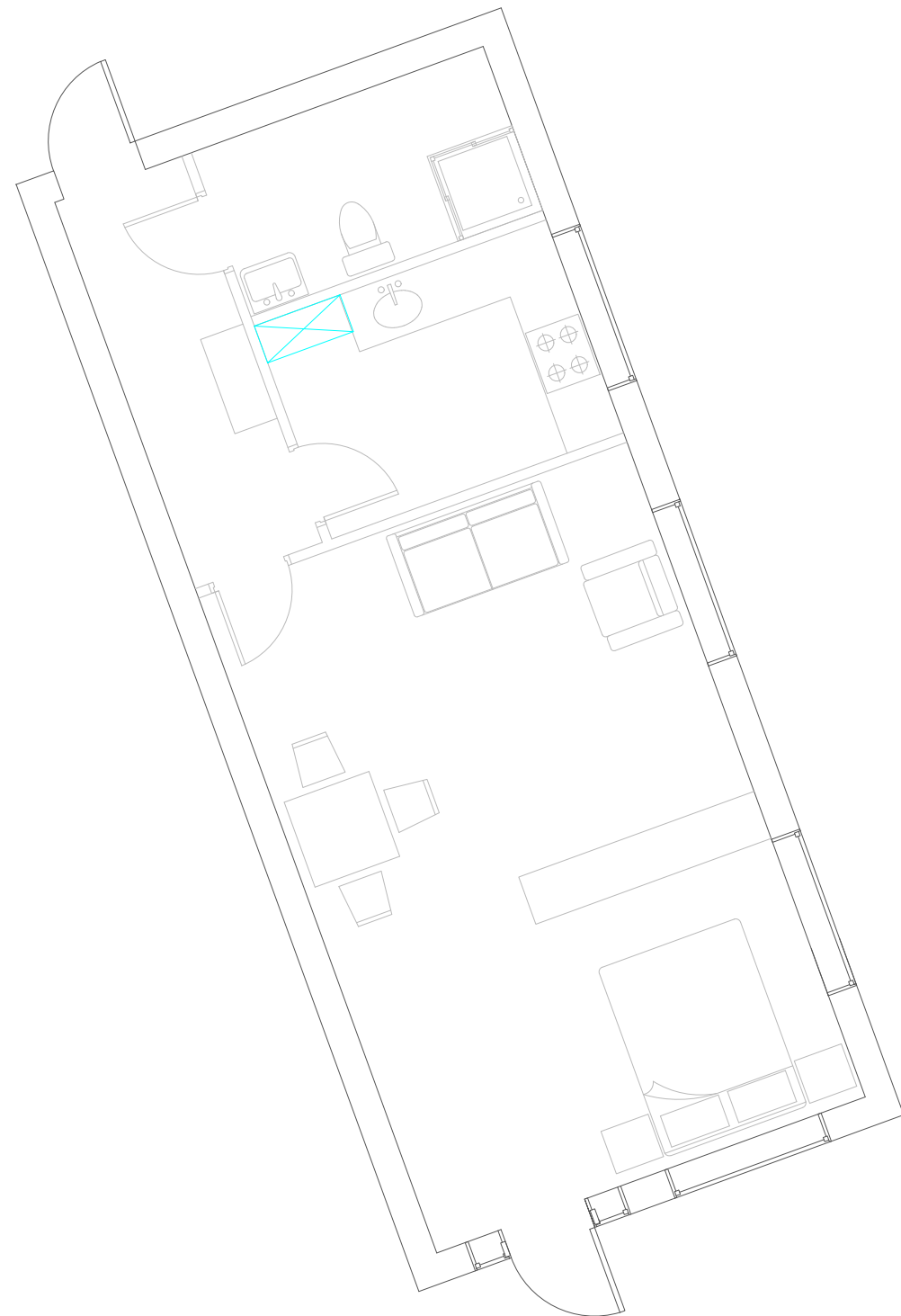


75 m²

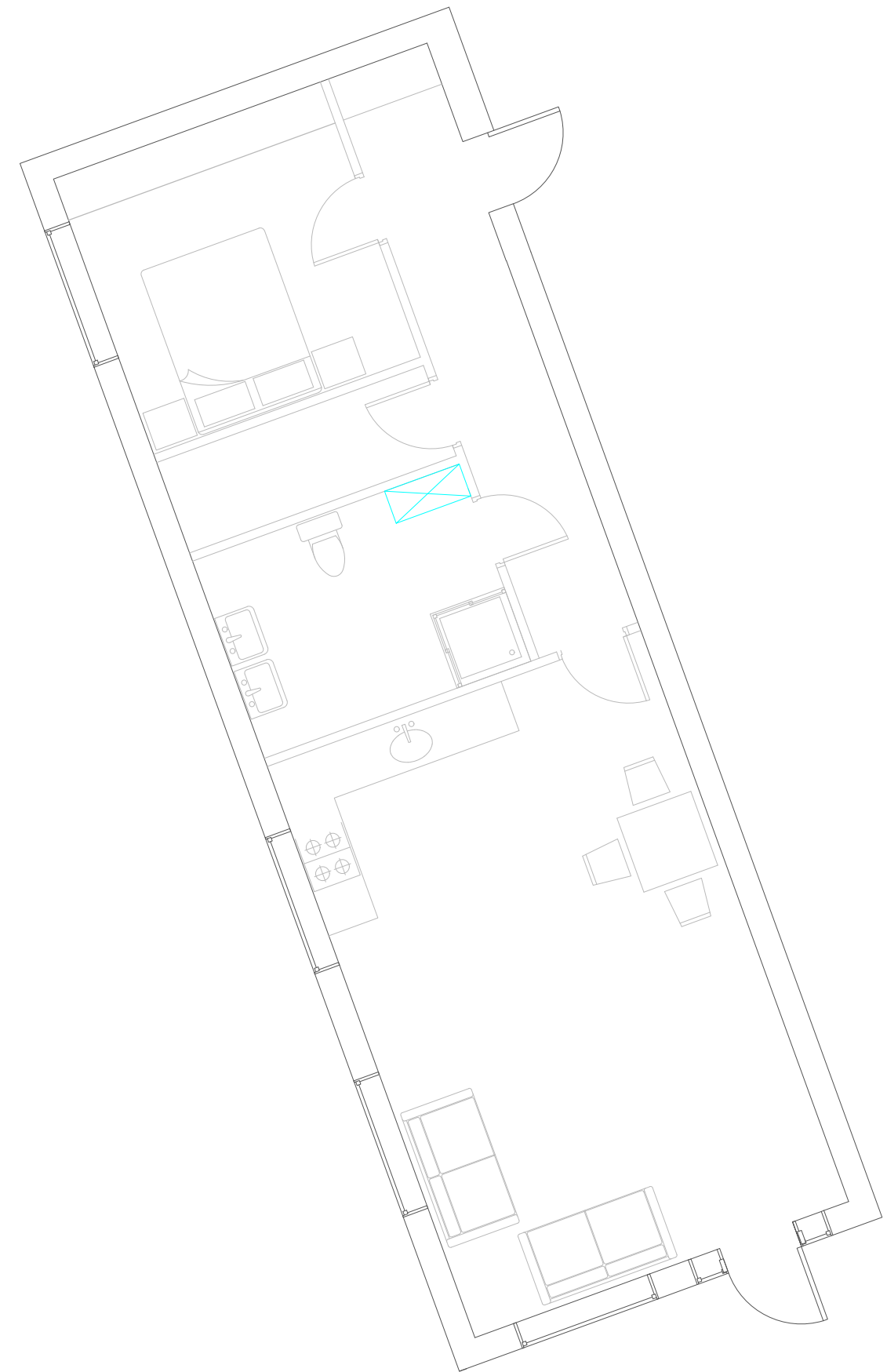


50 m²

APARTMENTS



50 m²

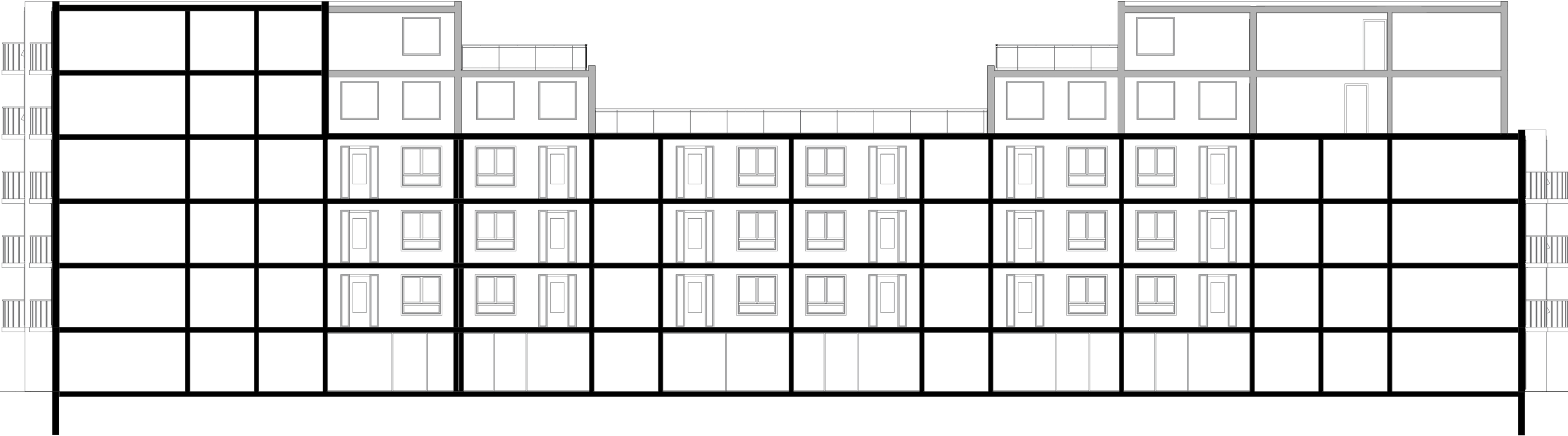
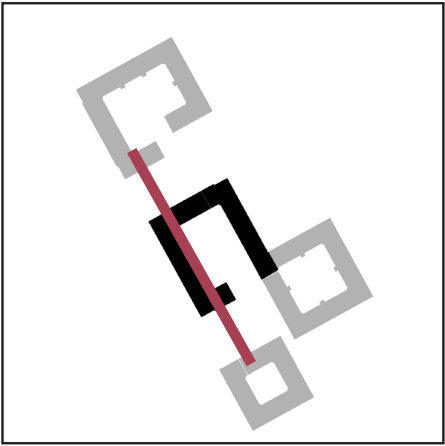


65 m²

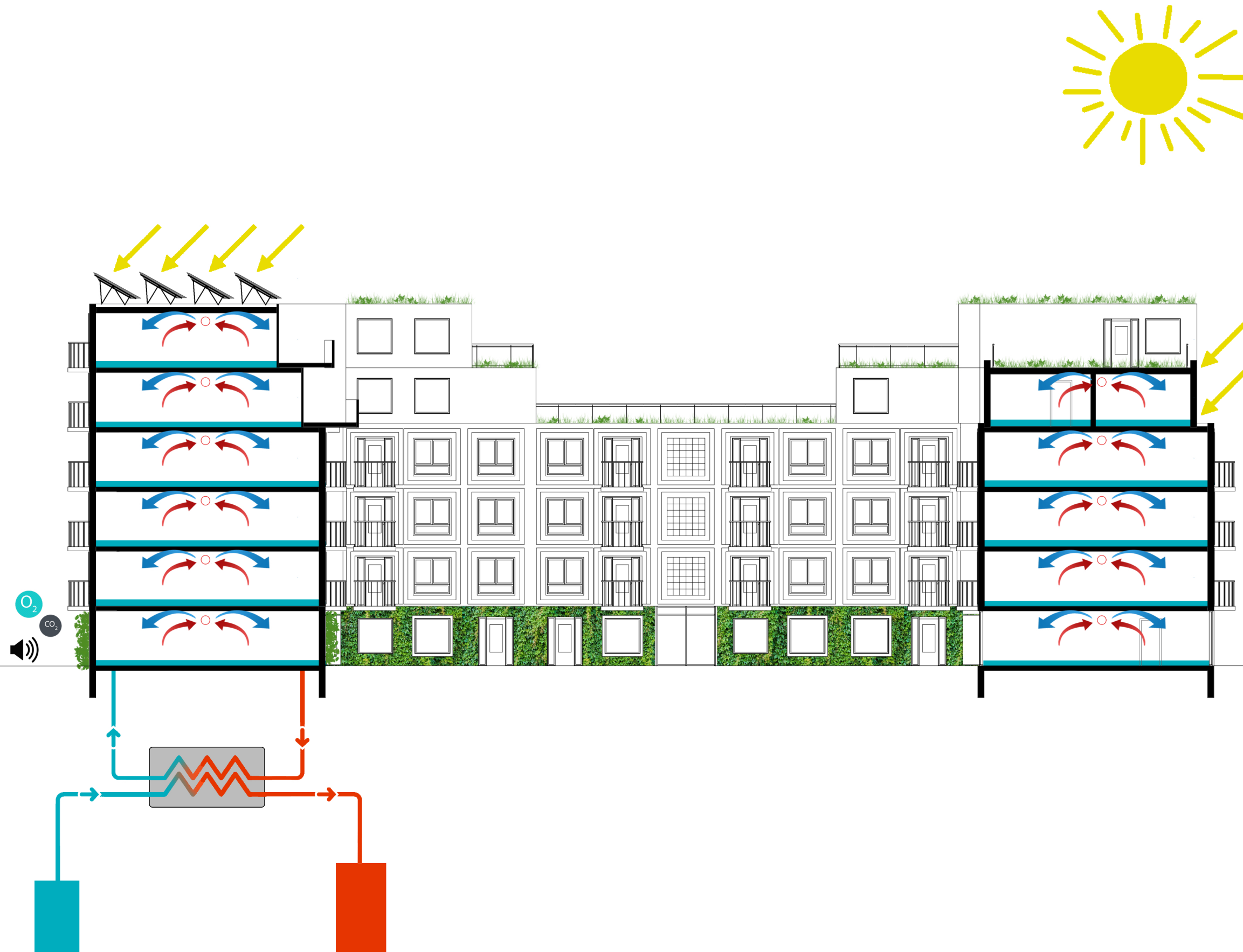
APARTMENTS



LOAD BEARING WALLS



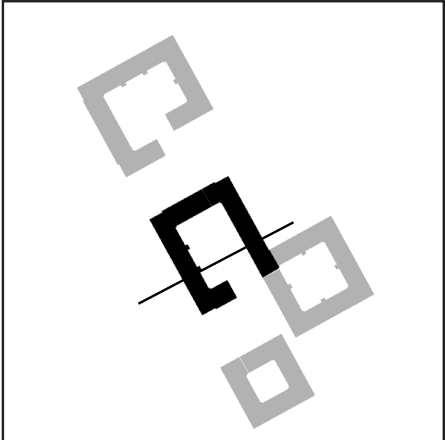
CLIMATE CONCEPT

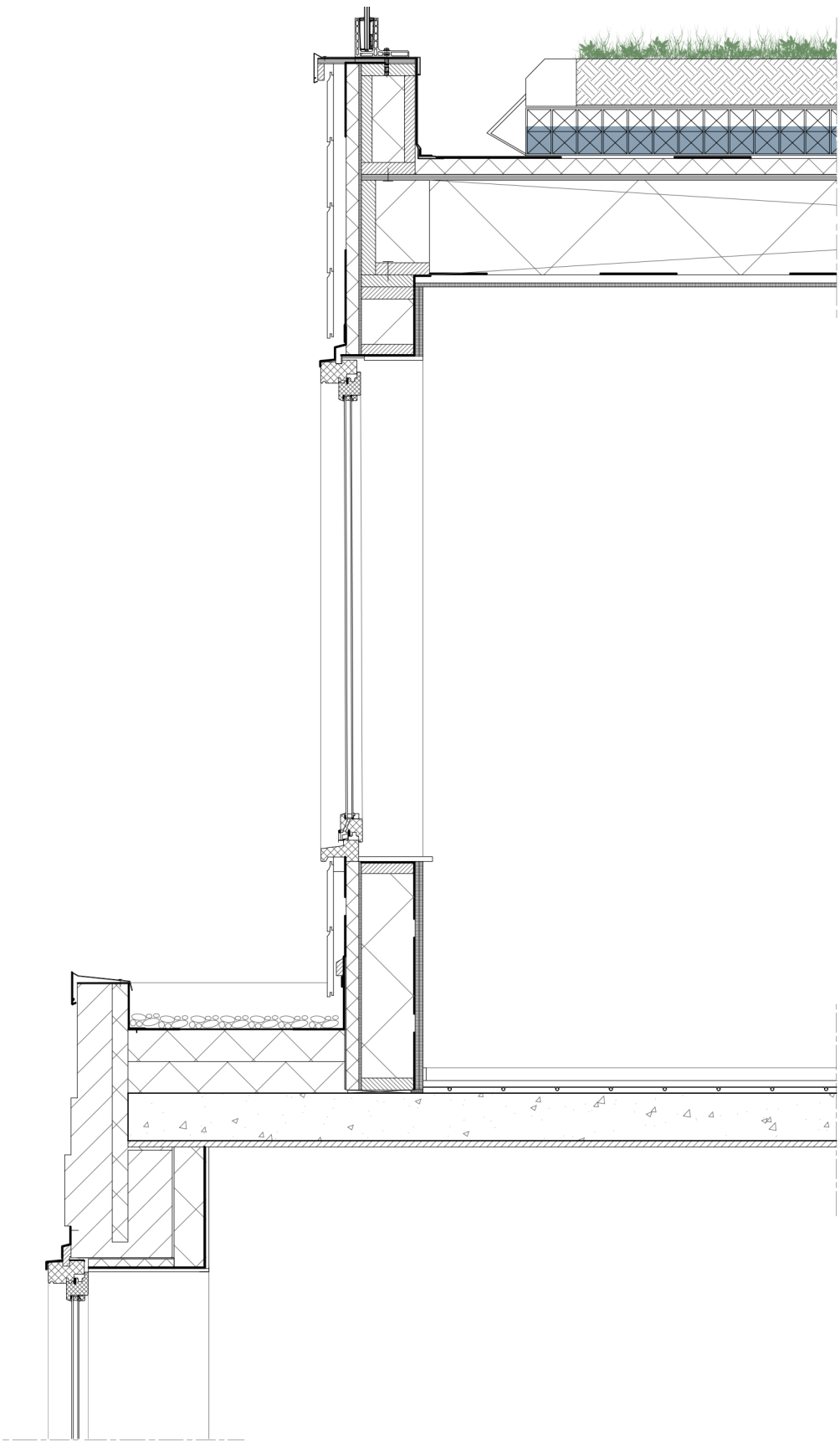
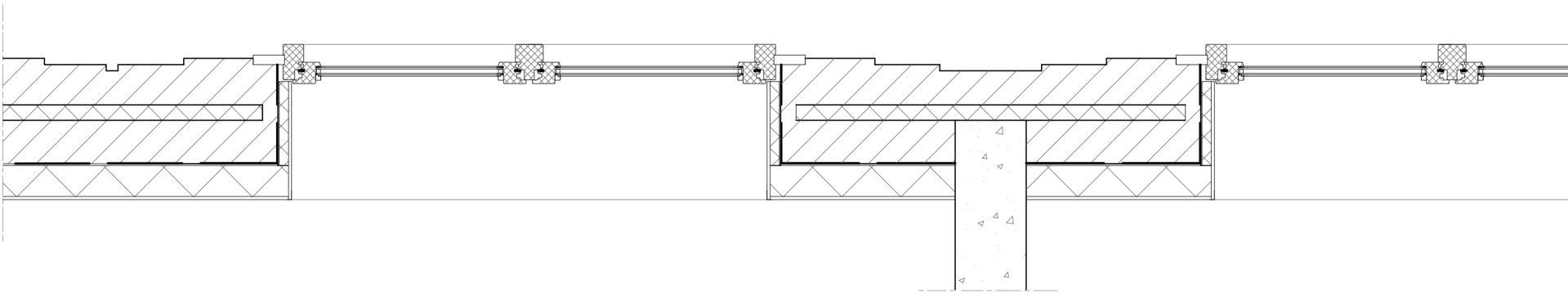


CLIMATE CONCEPT



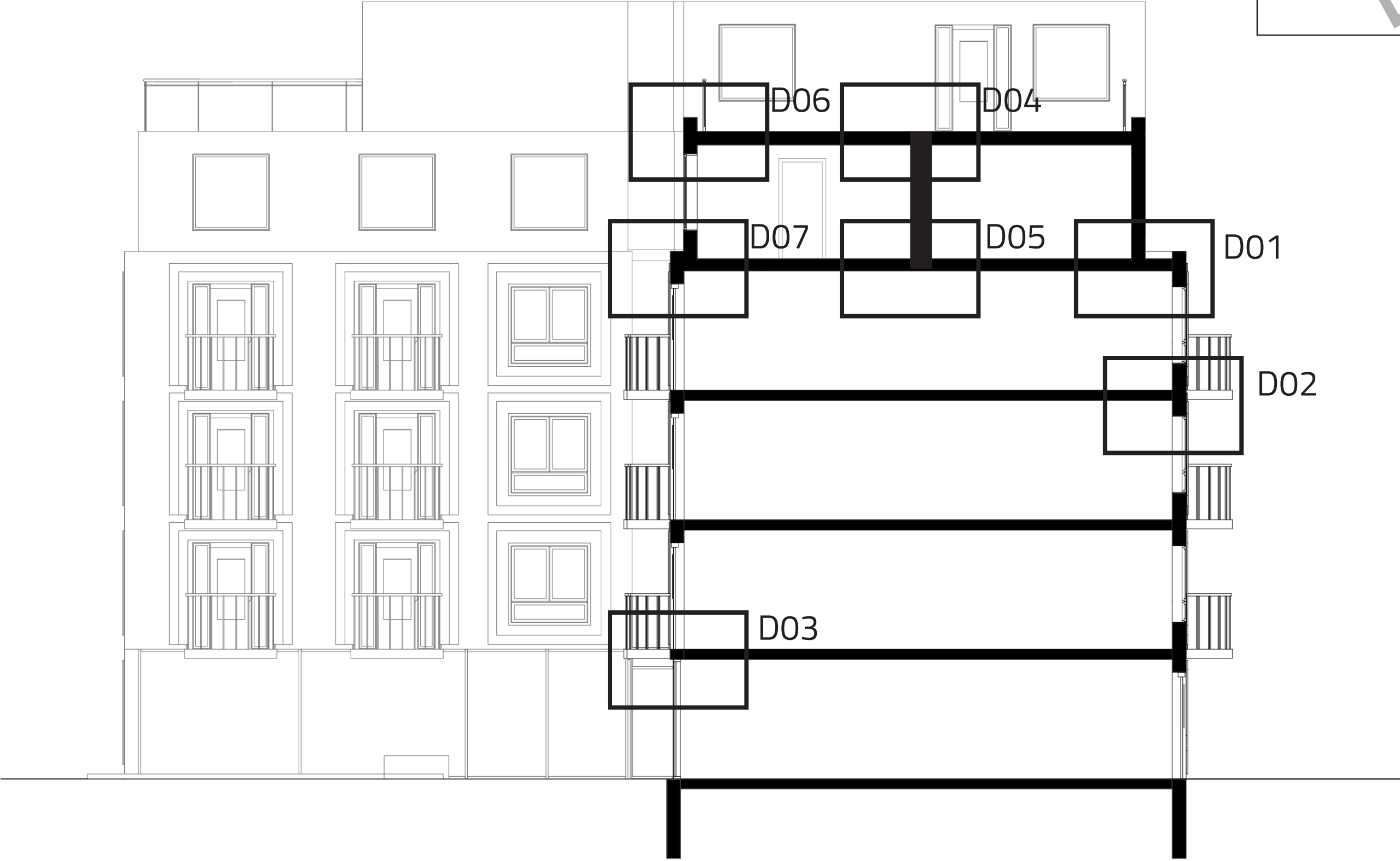
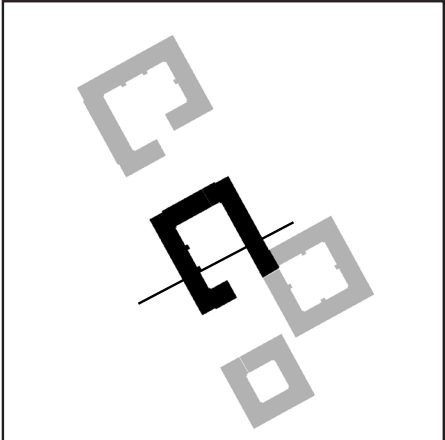
SECTION





facade fragment 1:20

SECTION



D0I

Rc value: 5,6 m² K / W

From left to right:
Gypsum board 12,5 mm
Multiplex 12,5 mm
Vapor barrier
Wooden beams with GUTEX Thermoflex 170 mm
Multiplex 8 mm
Wood fibre insulation board 40 mm
Waterproofing membrane
ENERGY FACADE (solar panels)

From top to bottom:
Gravel ballast layer
Bitumen waterproofing membrane
GUTEX Thermoroom 100 mm with slope
GUTEX Thermoroom 100 mm
Wide slab concrete floor 170 mm

Rc value: 6,1 m² K / W

From top to bottom:
Covering floor 20 mm
VASCO floor heating system 25 mm
Wide slab concrete floor 170 mm

From left to right:
Stucco
Vapor barrier
GUTEX Thermoroom 100 mm
GUTEX mortar
Prefab concrete panel 130 mm
Insulation 40 mm
Prefab concrete panel 130 mm

Rc value: 4,7 m² K / W

D02

1:5

From top to bottom:
Covering floor 20 mm
VASCO floor heating system 25 mm
Covering floor 50 mm
Wide slab concrete floor 170 mm

20
25
50
150
20

Rc value: 4,7 m² K / W

From left to right:
Stucco
Vapor barrier
GUTEX Thermoroom 100 mm
GUTEX mortar
Prefab concrete panel 130 mm
Insulation 40 mm
Prefab concrete panel 130 mm

W'all-in-One Basic insulation

Existing wooden window frame

New wooden window frame

D03

Curtain wall mullion

Mounting profile

Vacuum glass

W'all-in-One Basic insulation

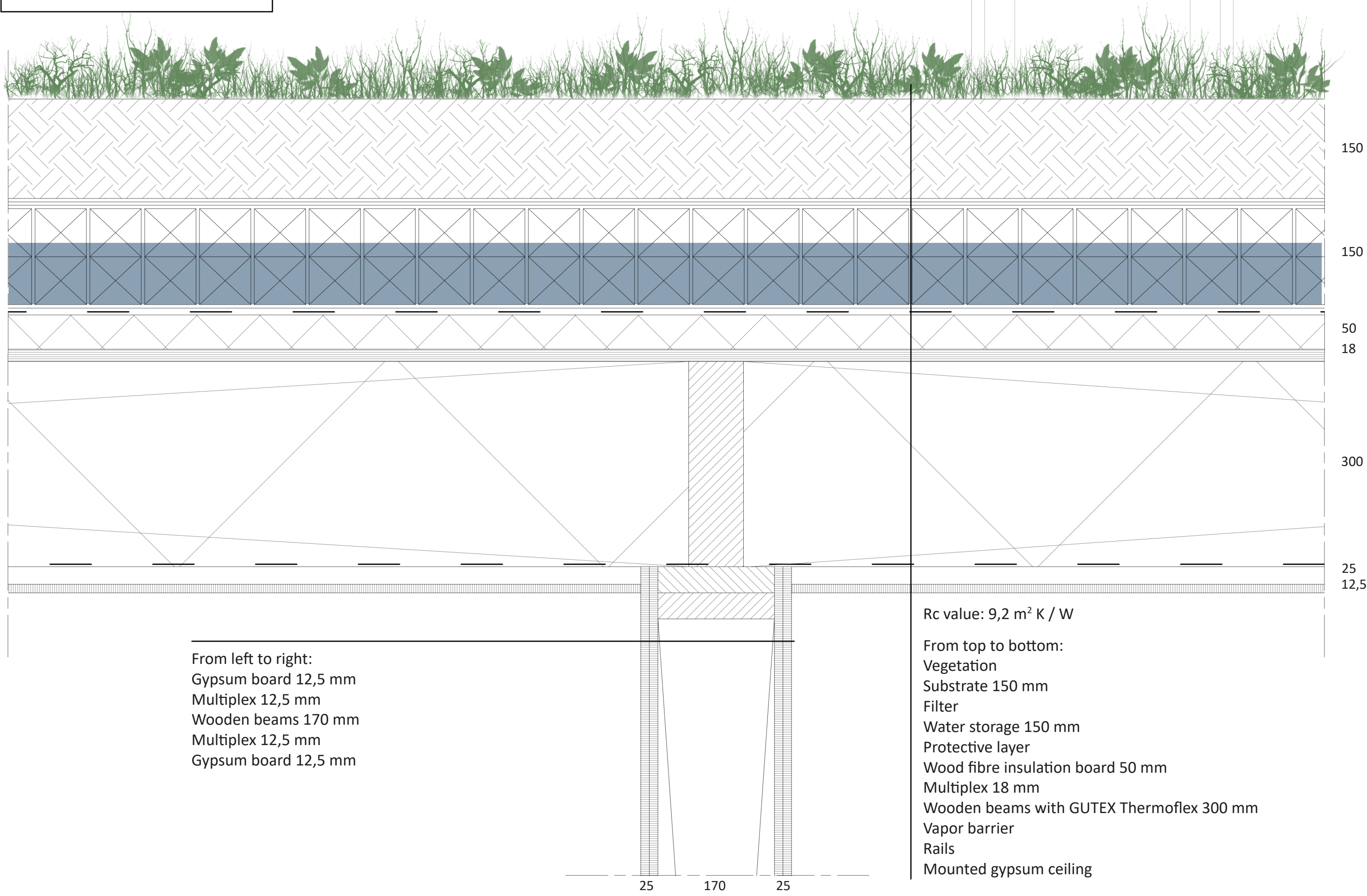
Rc value: 4,7 m² K / W

From left to right:
Prefab concrete panel 130 mm
Insulation 40 mm
Prefab concrete panel 130 mm
GUTEX mortar
GUTEX Thermoroom 100 mm
Vapor barrier
Stucco

20
25
50
150
20

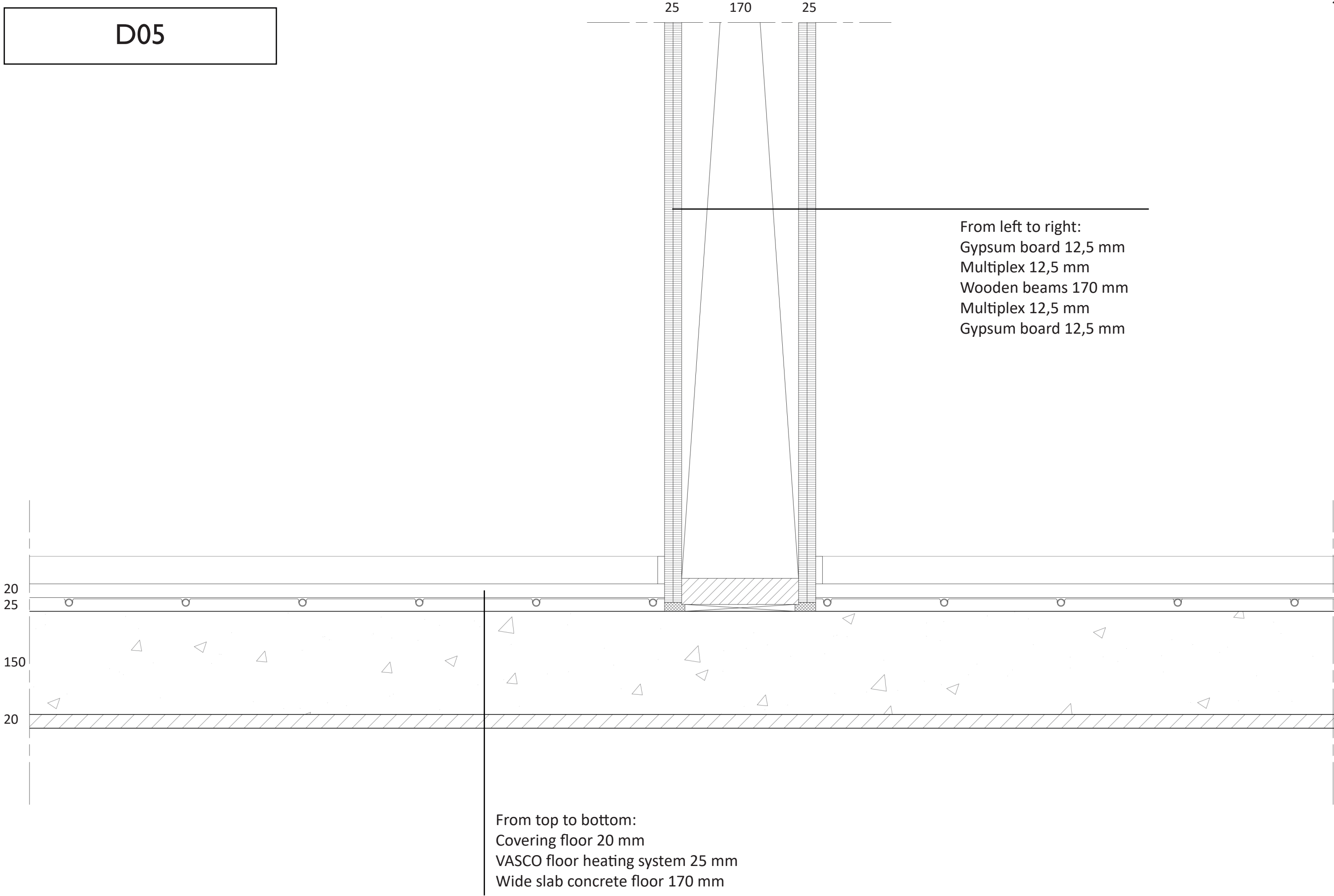
D04

1:5



D05

1:5



D06

1:5

Wooden frame parapet

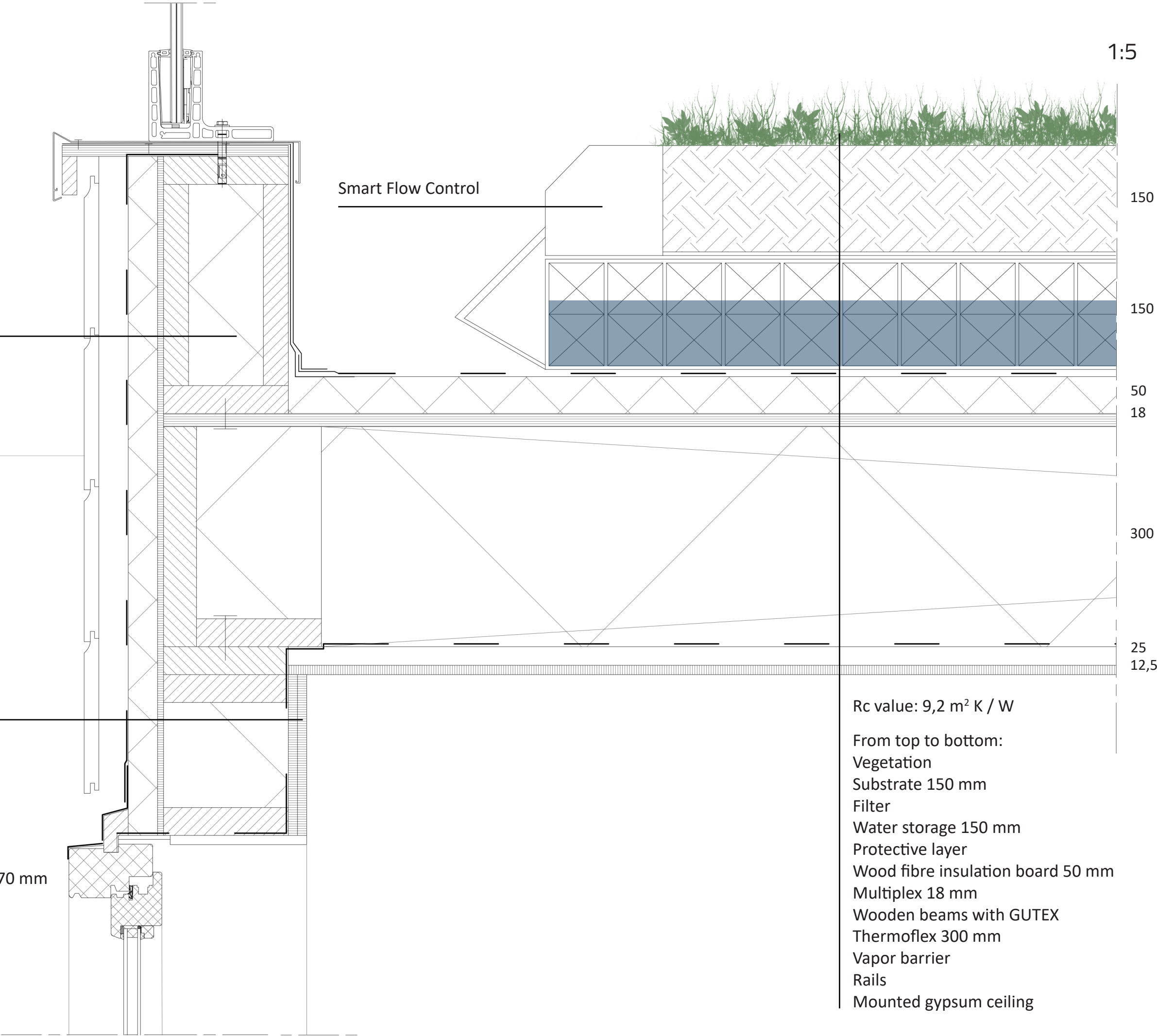
Smart Flow Control

Rc value: 5,6 m² K / W

From left to right:
Wooden facade (platowood)
Air cavity with battens 38 mm
Waterproofing membrane
Wood fibre insulation board 40 mm
Multiplex 8 mm
Wooden beams with GUTEX Thermoflex 170 mm
Vapor barrier
Multiplex 12,5 mm
Gypsum board 12,5 mm

Rc value: 9,2 m² K / W

From top to bottom:
Vegetation
Substrate 150 mm
Filter
Water storage 150 mm
Protective layer
Wood fibre insulation board 50 mm
Multiplex 18 mm
Wooden beams with GUTEX
Thermoflex 300 mm
Vapor barrier
Rails
Mounted gypsum ceiling



D07

1:5

Rc value: 5,6 m² K / W

From left to right:

Wooden facade (platowood)

Air cavity with battens 38 mm

Waterproofing membrane

Wood fibre insulation board 40 mm

Multiplex 8 mm

Wooden beams with GUTEX Thermoflex 170 mm

Vapor barrier

Multiplex 12,5 mm

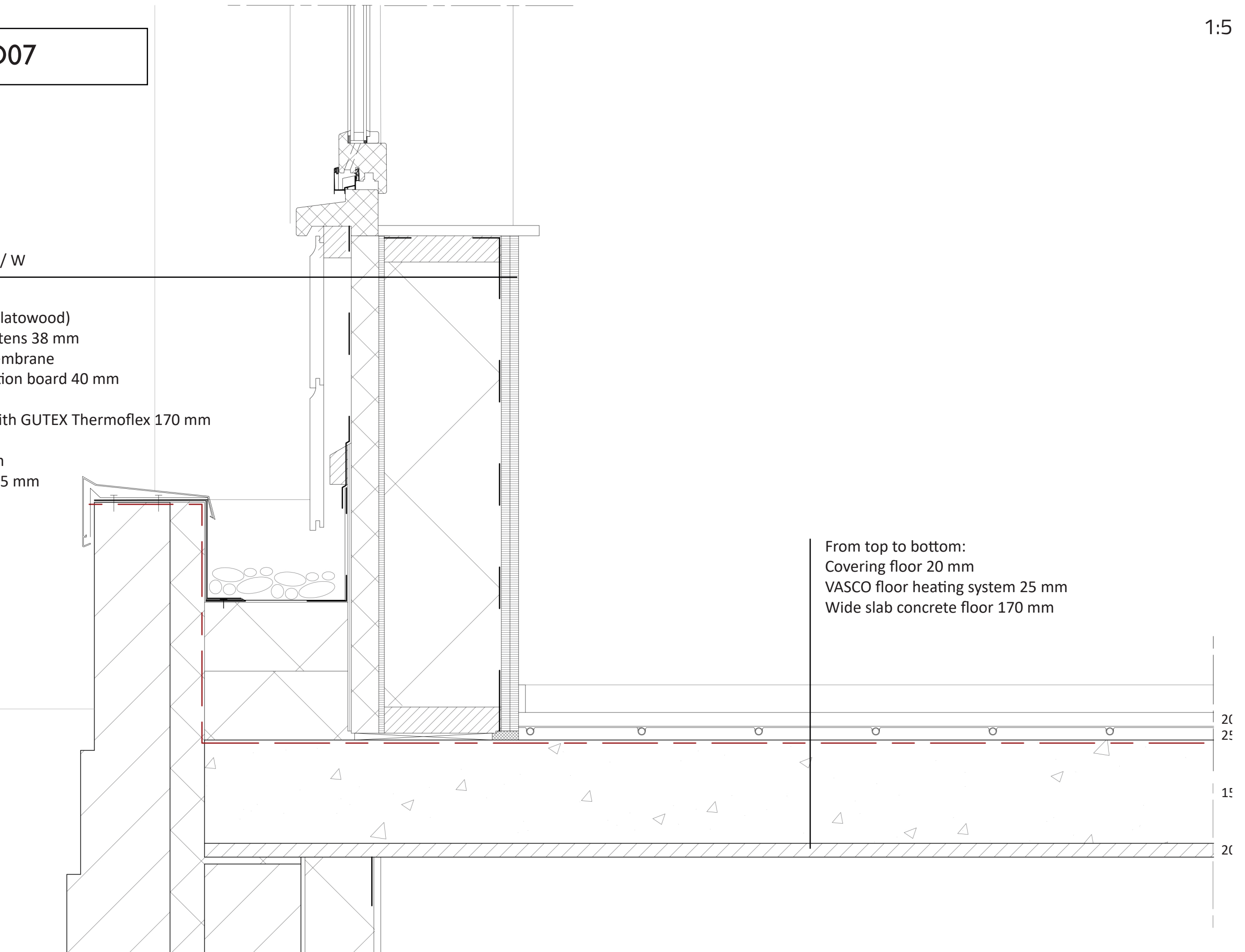
Gypsum board 12,5 mm

From top to bottom:

Covering floor 20 mm

VASCO floor heating system 25 mm

Wide slab concrete floor 170 mm



D08

