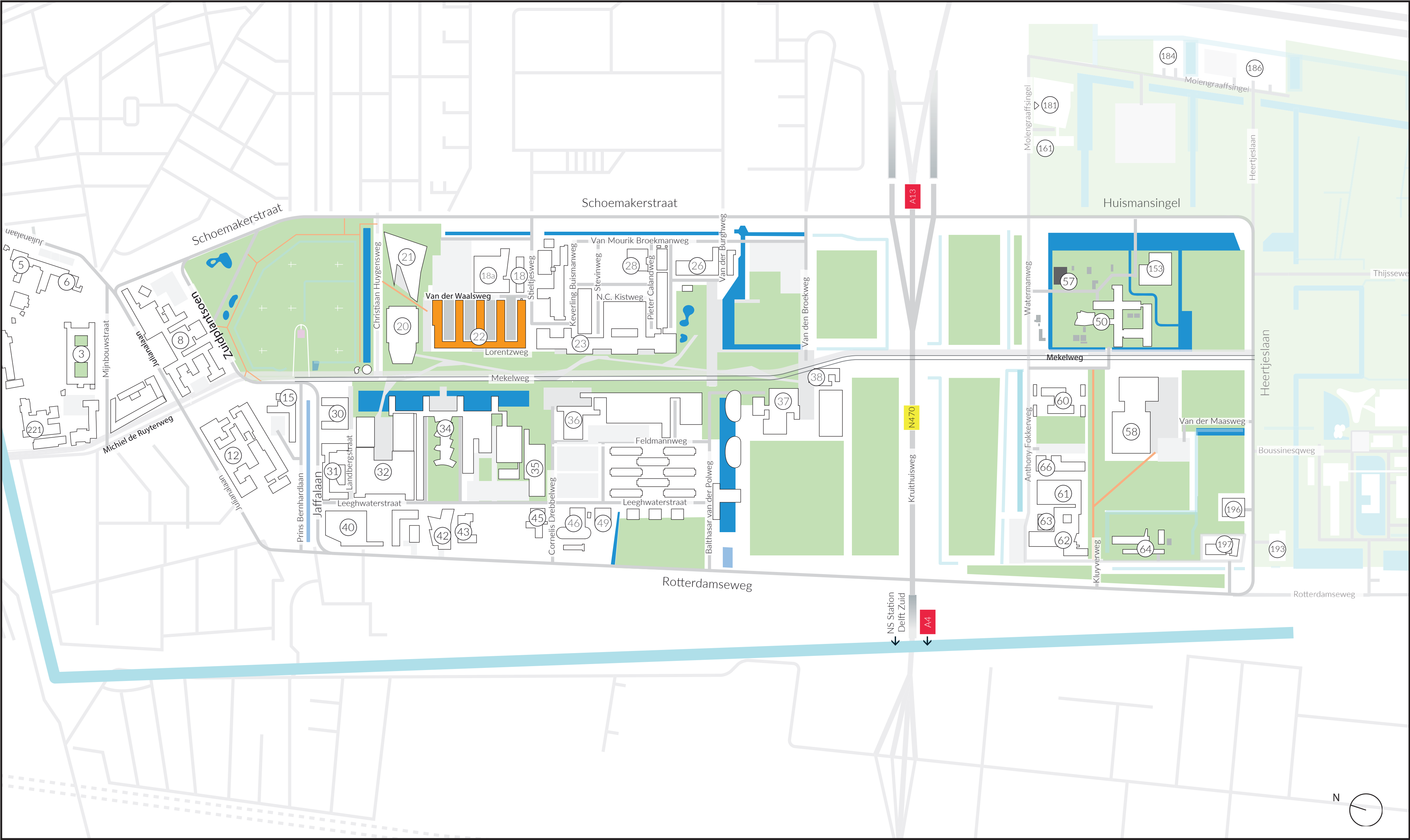


SITUATION TU DELFT CAMPUS

1:5.000



SITIATION ROOF PLAN

1:1.000



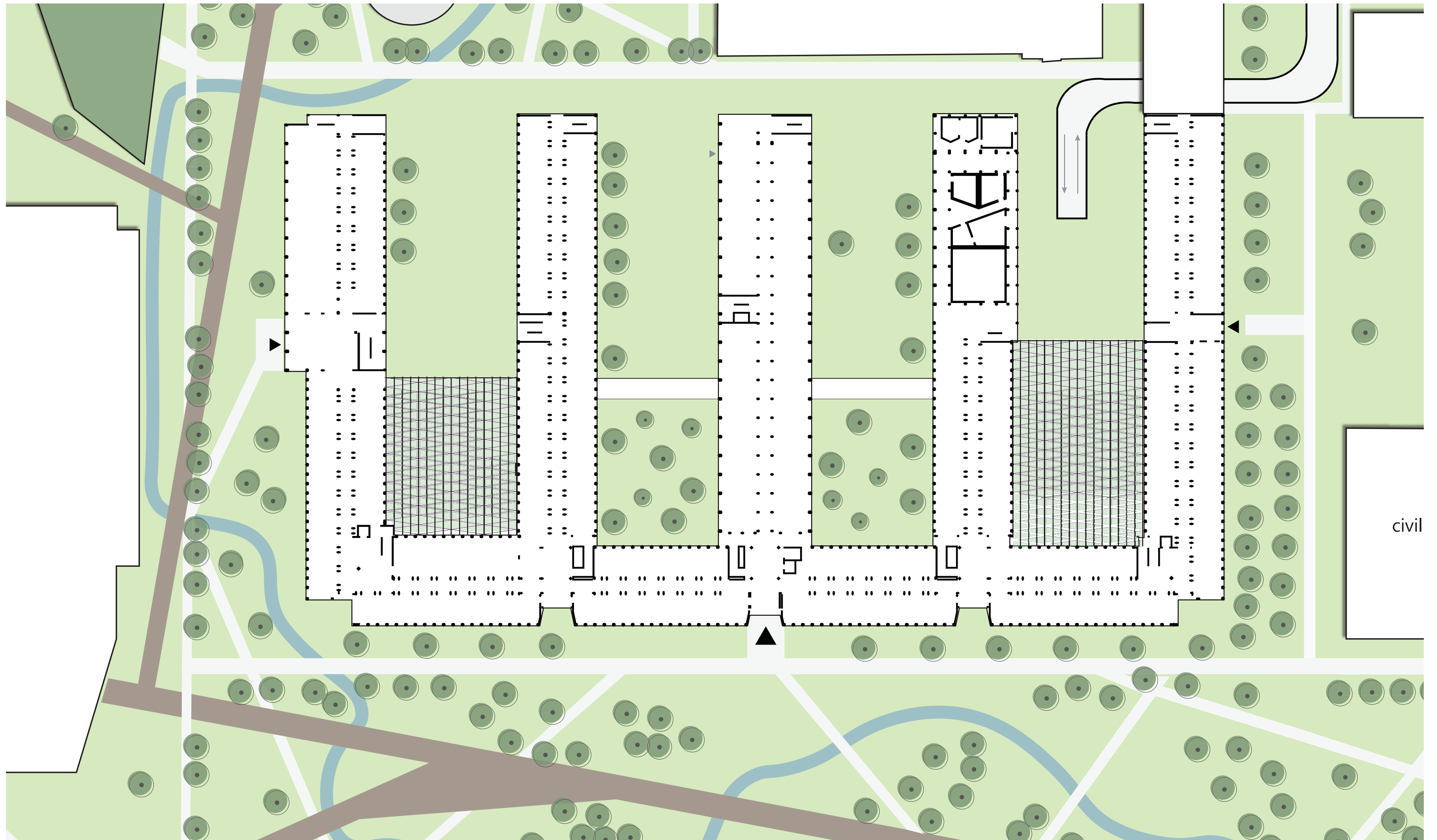
SITUATION GROUND FLOOR

1:1.000

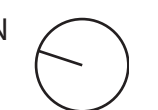


SITUATION GROUND FLOOR

1:500



civil



THE SCIENCE COLLECTIVE - NIENKE SCHEENAART

EXISTING SITUATION TO PROGRAM

1:500

5

4

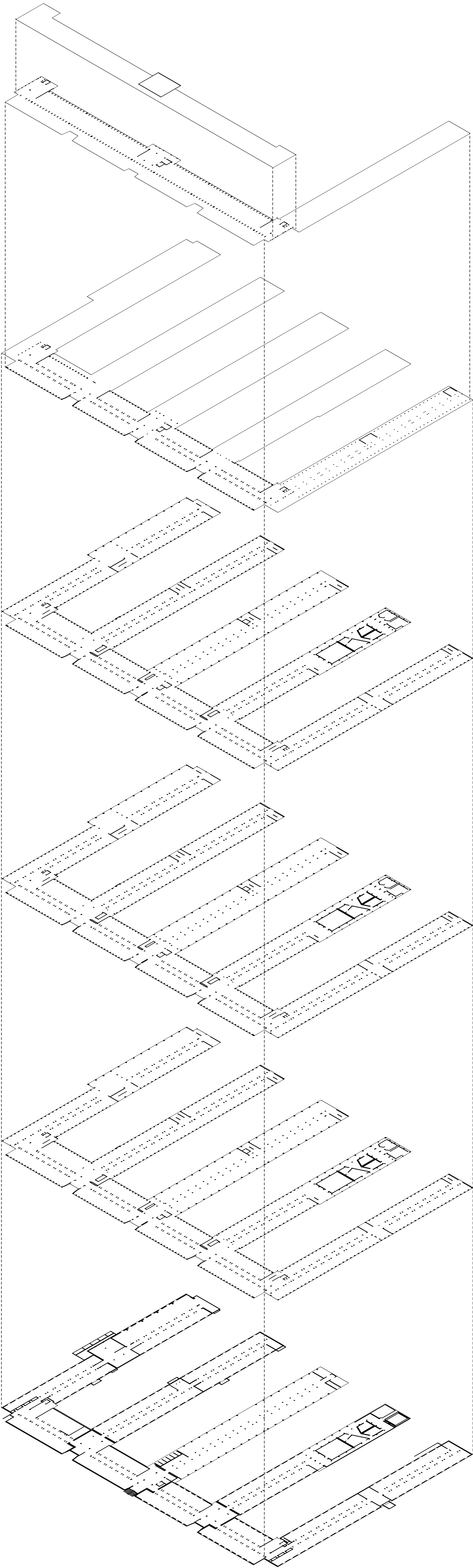
3

2

1

0

-1



1:500

5

4

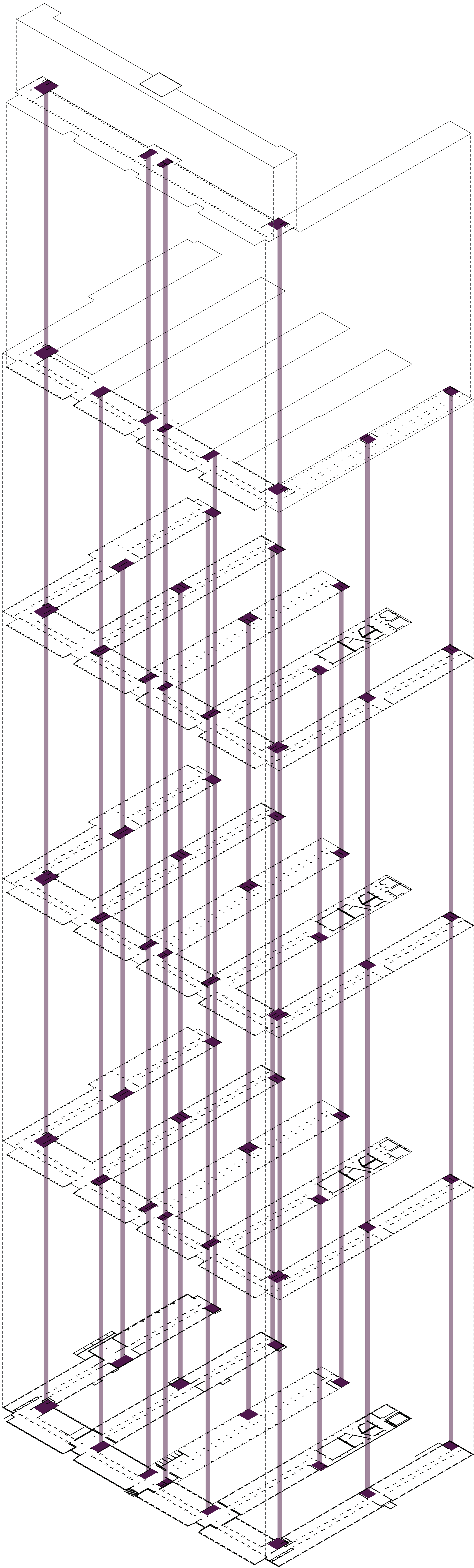
3

2

1

0

-1



TOILETS & SHAFTS

1:500

5

4

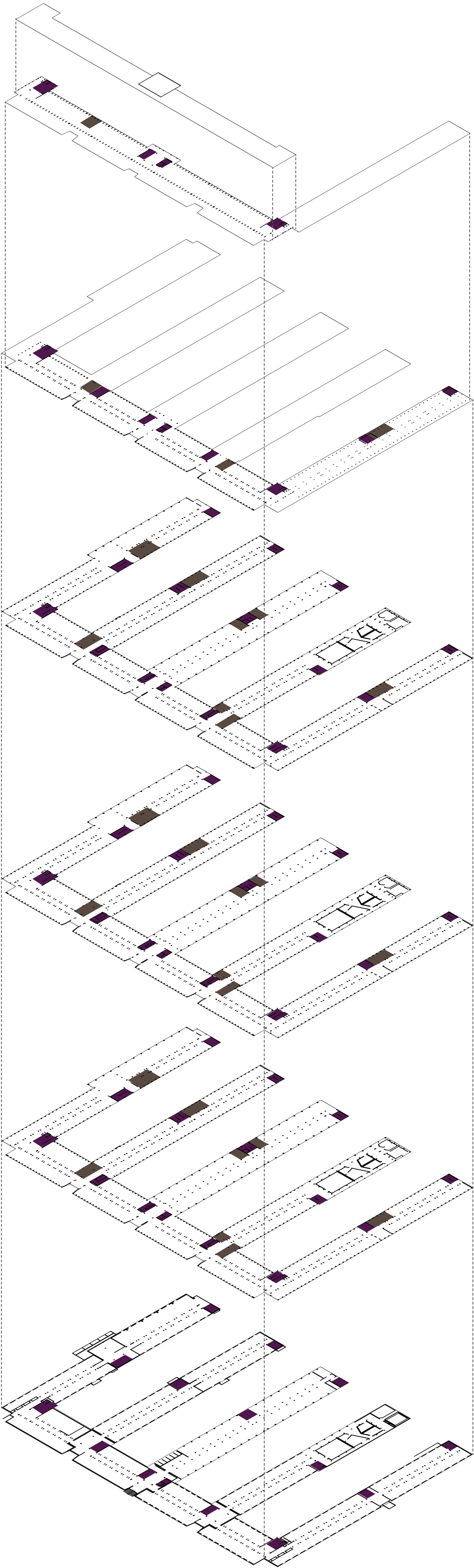
3

2

1

0

-1



MAIN ROUTE THROUGH BUILDING

1:500

5

4

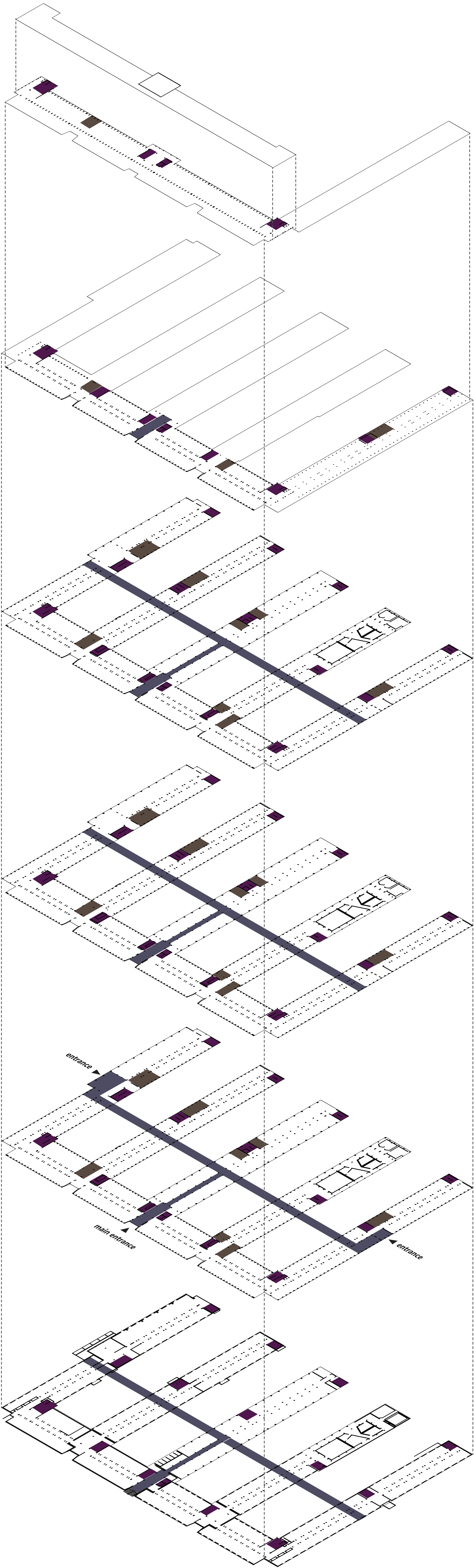
3

2

1

0

-1



LAYER 1 OF PROGRAM - EDUCATION

1:500

5

4

3

2

1

0

-1

Education

entrance

main entrance

entrance

LAYER 1 OF PROGRAM - EXPERIENCE CENTER

1:500

5

4

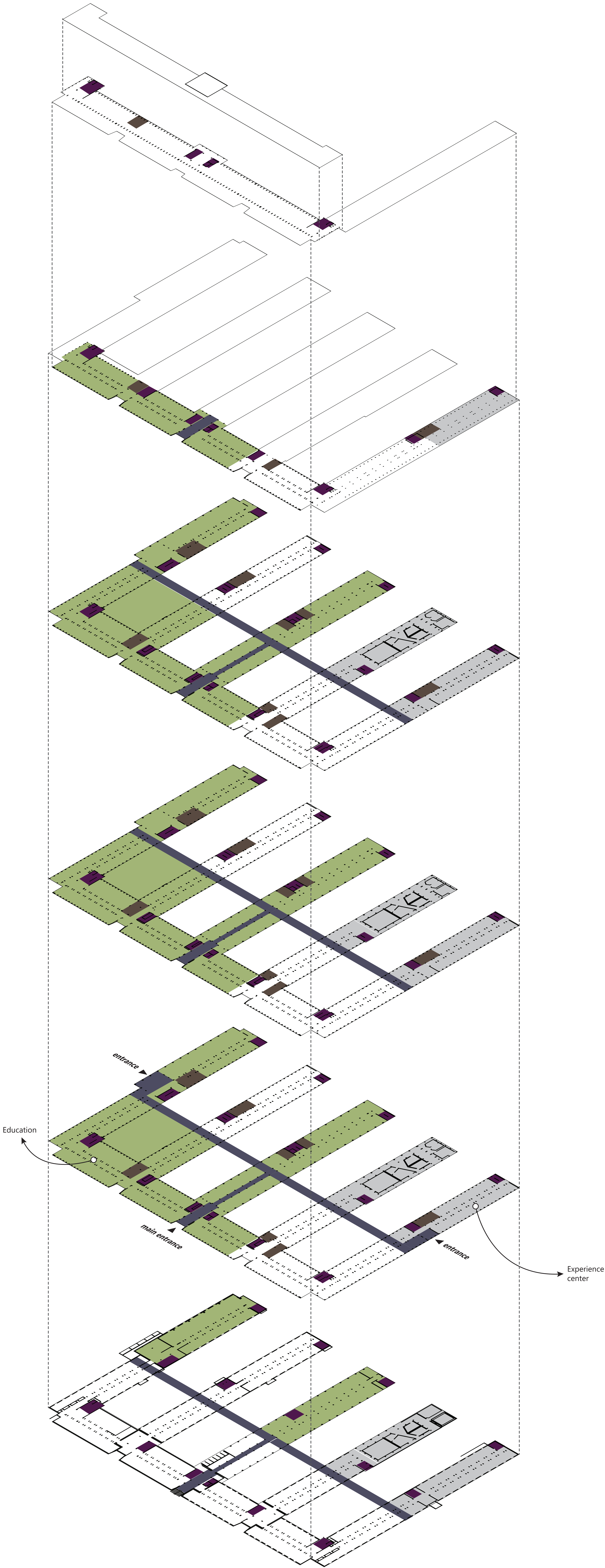
3

2

1

0

-1



LAYER 1 OF PROGRAM - PHD RESEARCH CENTER

1:500

5

4

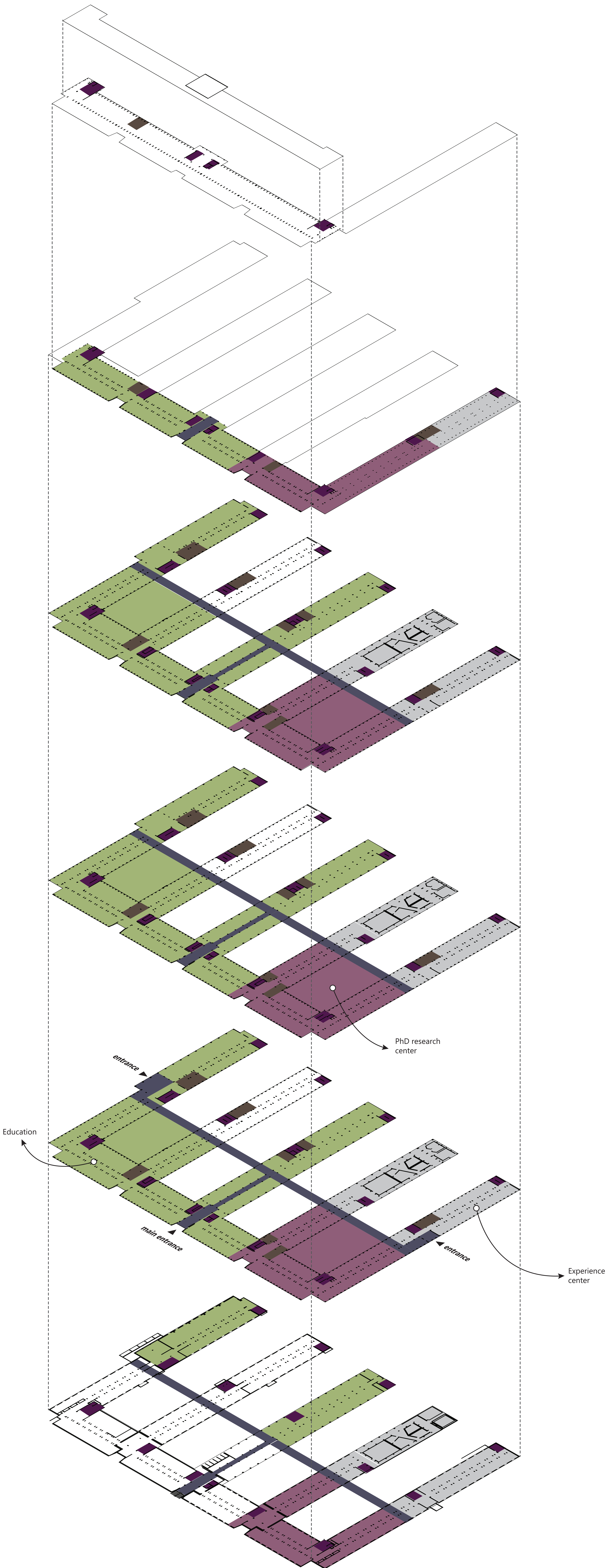
3

2

1

0

-1



LAYER 1 OF PROGRAM - START-UP WING

1:500

5

4

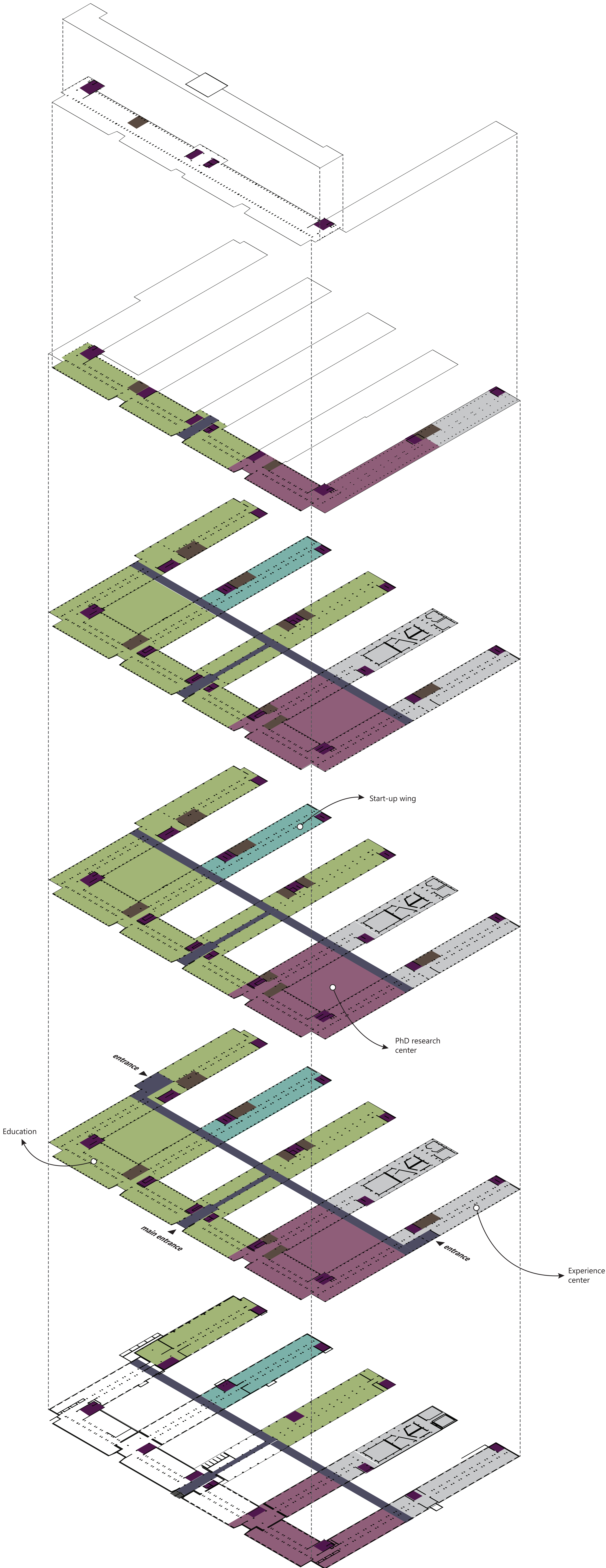
3

2

1

0

-1



LAYER 1 OF PROGRAM - COMMUNAL SOCIAL SPACE

1:500

5

4

3

2

1

0

-1

Communal
social space

Start-up wing

PhD research
center

Education

entrance

main entrance

entrance

Experience
center

LAYER 1 OF PROGRAM - PARKING BIKES & SHARED ELECTRIC CARS

1:500

5

4

3

2

1

0

-1

Communal
social space

Start-up wing

PhD research
center

Education

entrance

main entrance

entrance

Experience
center

parking:
bikes + shared
cars

THEME PER FLOOR

1:500

5

4

social

Communal
social space

3

focus

2

focus

1

study &
collaboration

0

social

Education

entrance

main entrance

Start-up wing

PhD research
center

Experience
center

-1

functional

parking:
bikes + shared
cars

KEY FUNCTIONS

1:500

5

4

social

Communal
social space



Rooftop terras

3

focus

2

focus



library



open work
spaces

1

study &
collaboration

Start-up wing



café



research lab

PhD research
center



silent room

0

social

Education



atrium



main street



vegetable
garden



museum

Experience
center

-1

functional

parking:
bikes + shared
cars

LAYER 2 OF PROGRAM - INFILL SPECIFIC SPACES

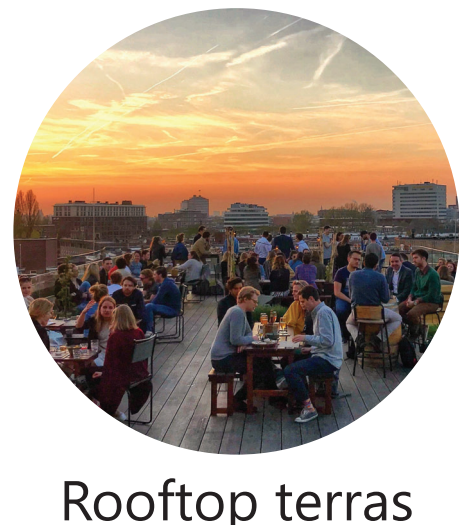
1:500

5

4

social

Communal social space



Rooftop terras

3

focus

2

focus



library



open work spaces

1

study & collaboration



café



research lab

0

social



atrium



main street



silent room



museum

-1

functional

parking:
bikes + shared cars



vegetable garden

- Horeca
- Lecture/ teaching room
- Lab
- Open work spaces
- Green garden/courtyard
- Expo
- Event space
- Atrium
- Private offices
- Meeting rooms
- Relax spaces
- Coffee corner

REUSED MATERIALS FACADE

1:200 REUSED MATERIALS FACADE ALONG THE AULA



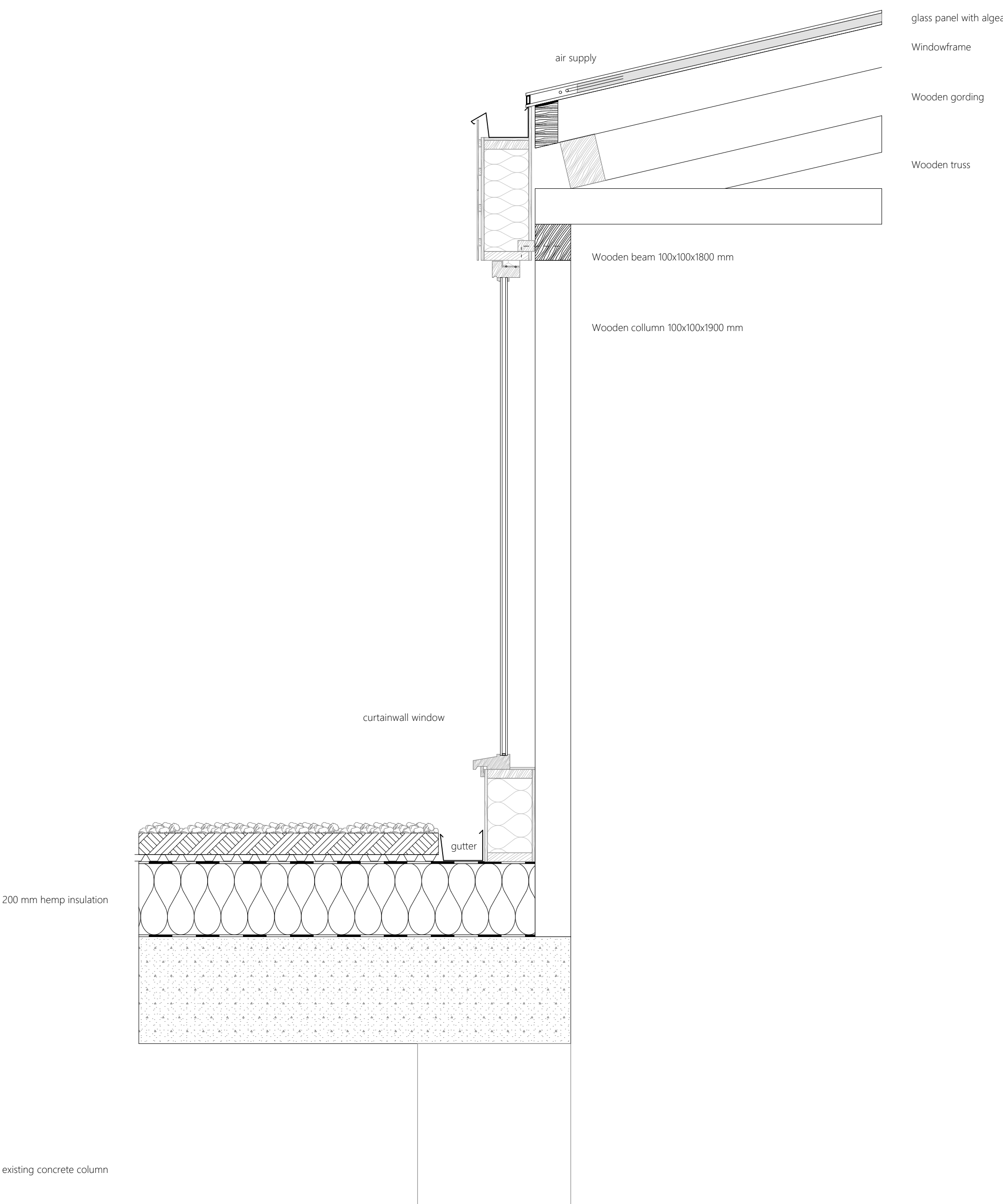
1:100 FACADE CORNER OF THE BUILDING



1:500 SECTION MAIN STREET



1:10 CONNECTION ATRIUM TO EXISTING BUILDING



1:20 PRINCIPLE DETAIL

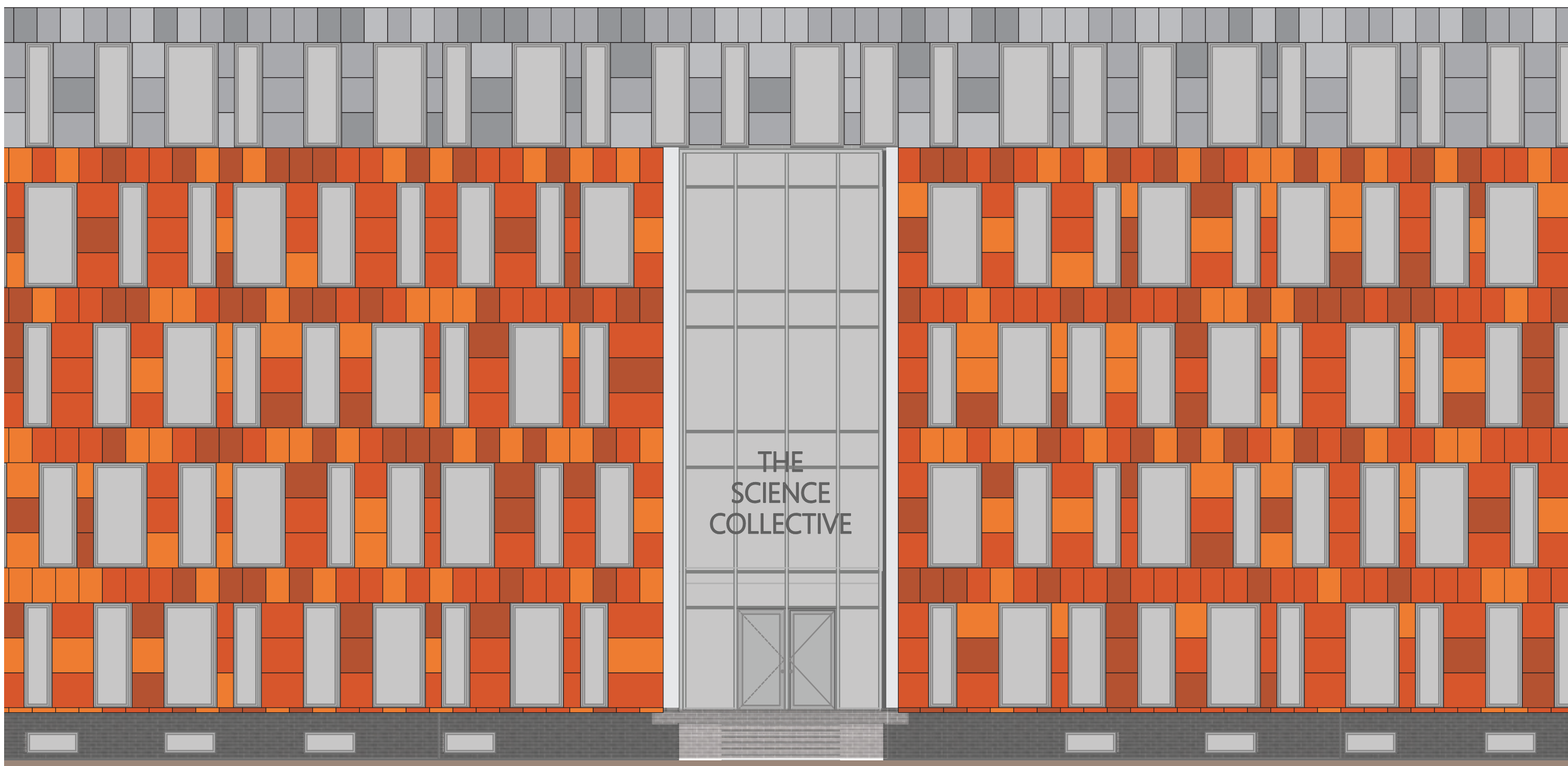


ENERGY PRODUCING FACADE

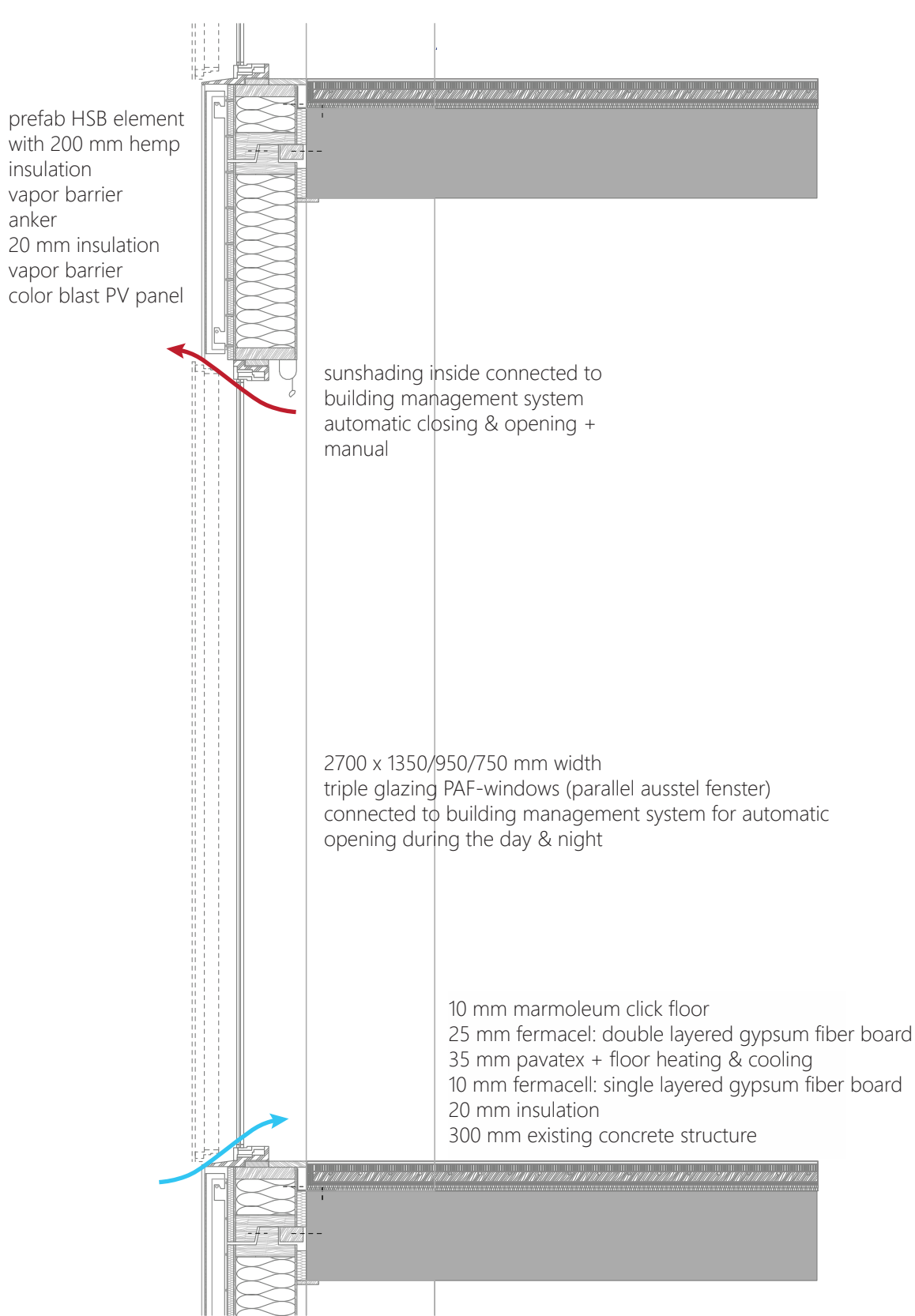
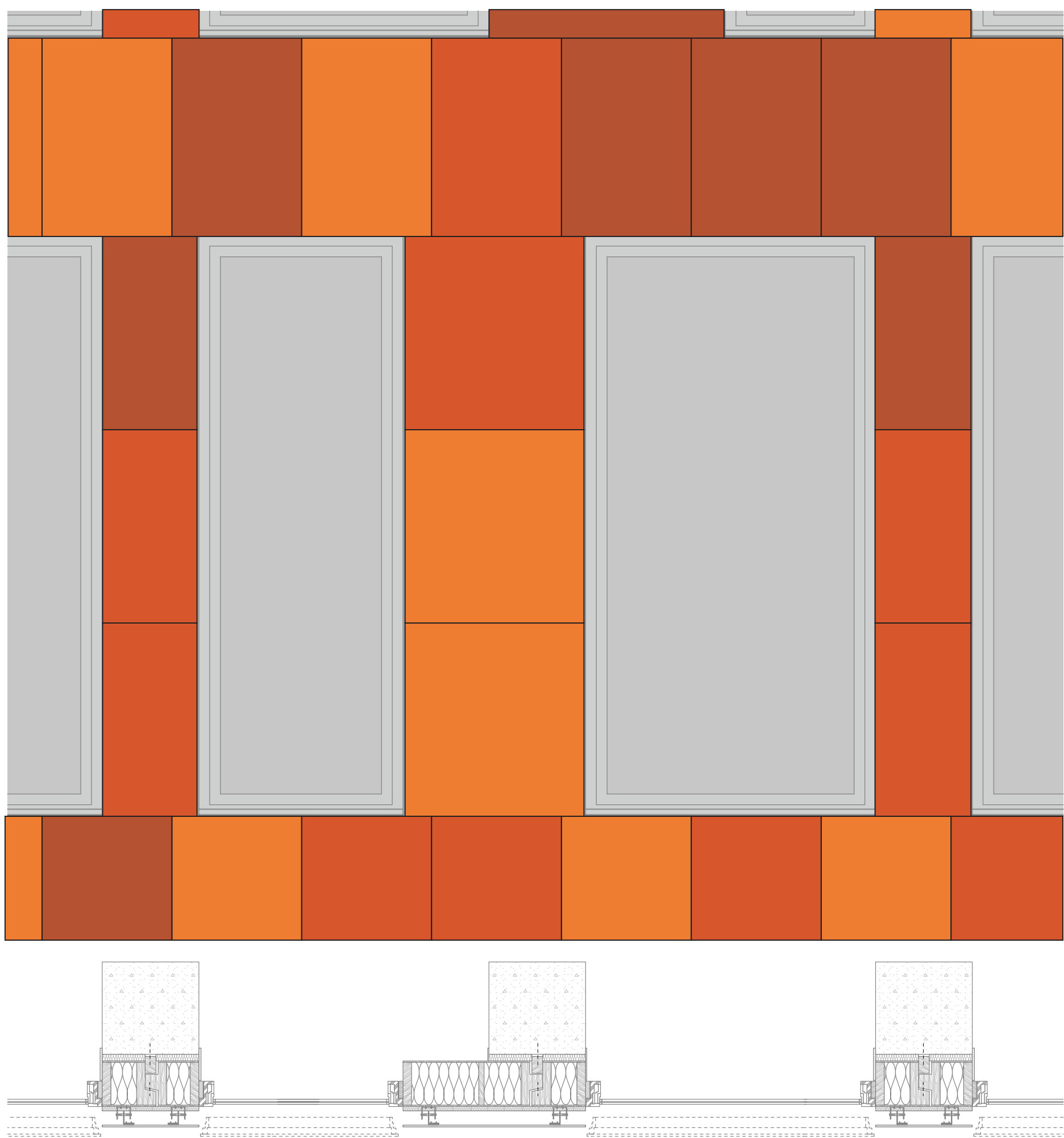
1:200 FACADE ALONG MEKELPARK



1:100 FACADE WITH MAIN ENTRANCE



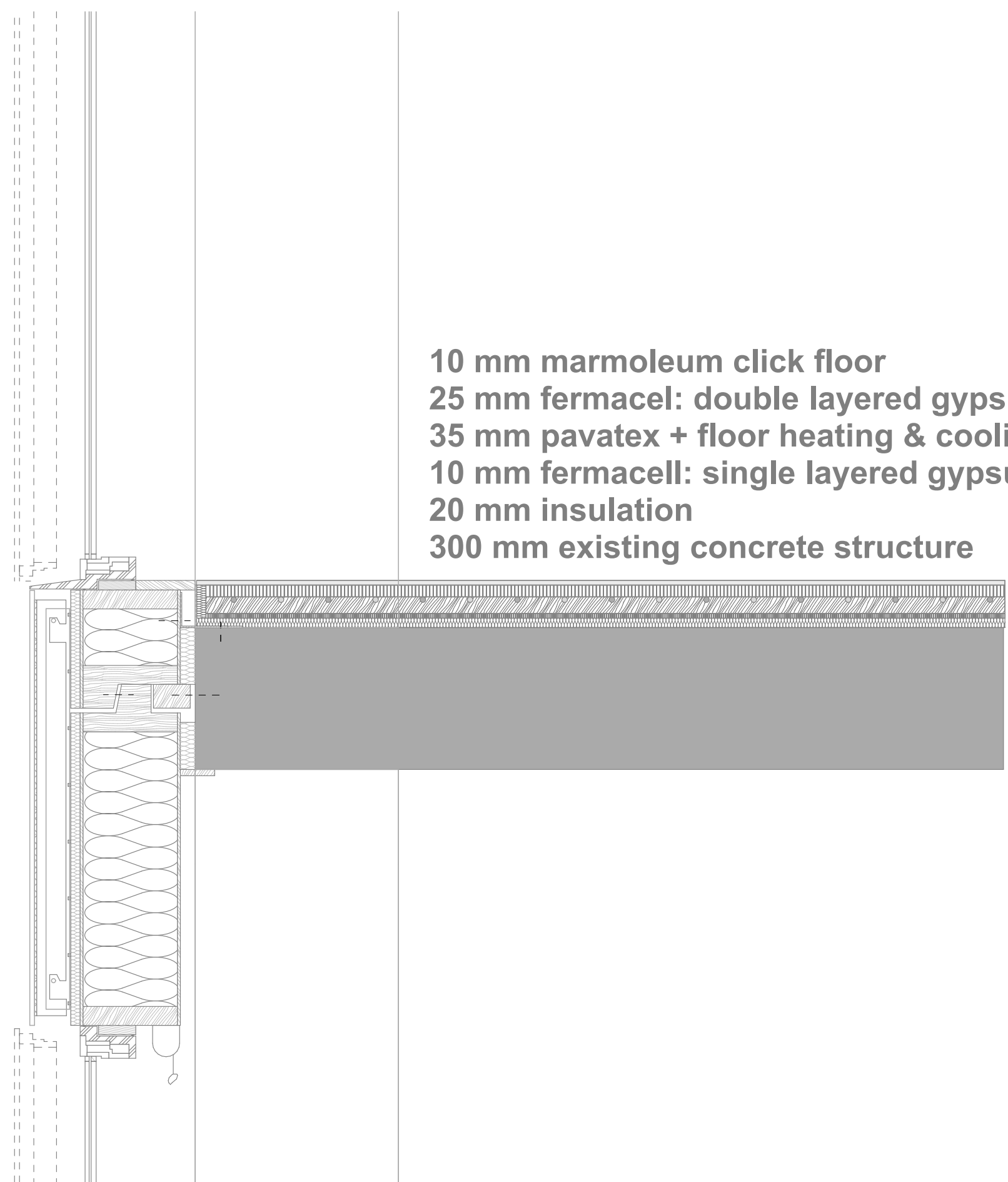
1:20 PRINCIPLE DETAIL



2700 x 1350/950/750 mm width
triple glazing PAF-windows (parallel ausstel fenster)
connected to building management system for automatic
opening during the day & night

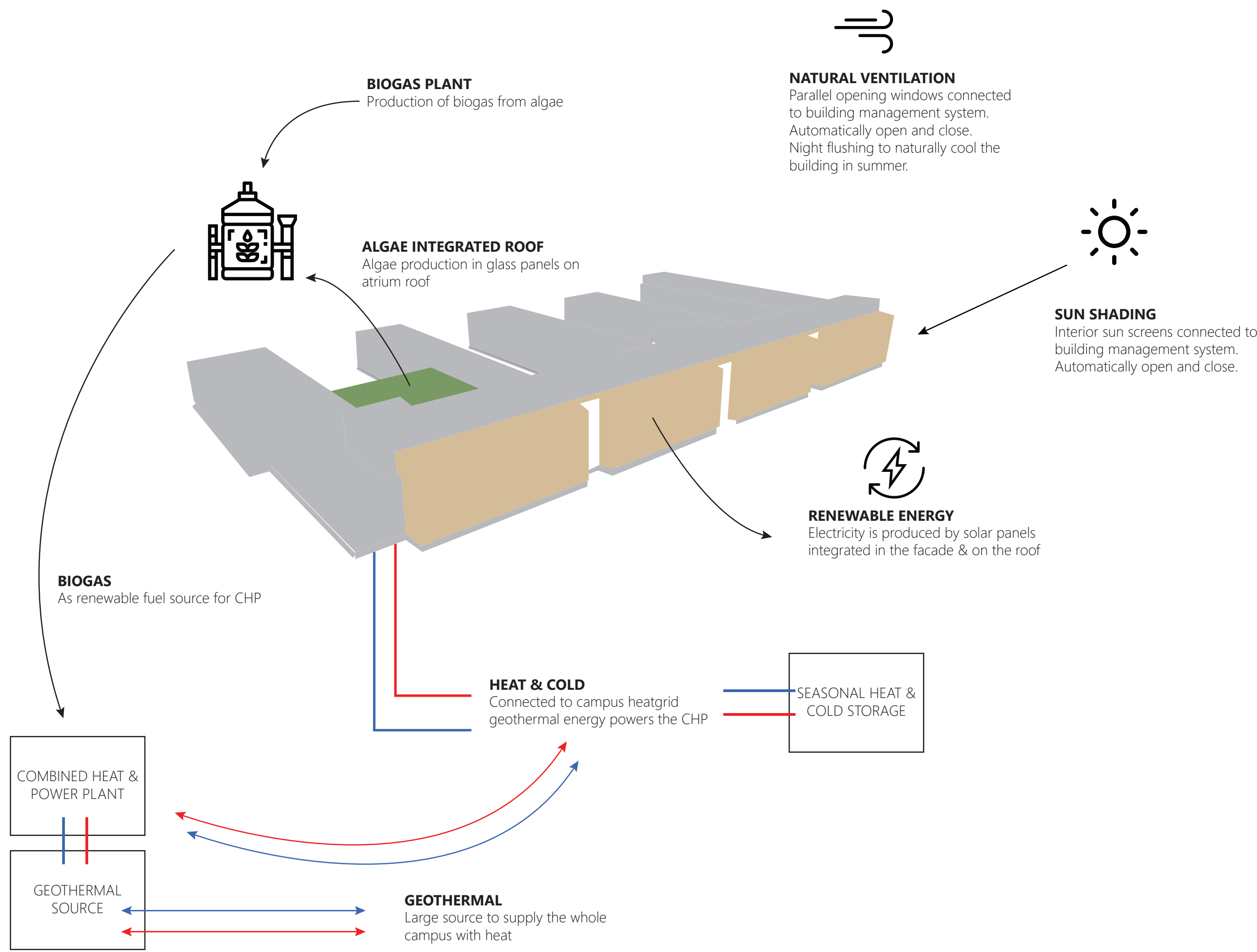
prefab HSB element with 200 mm hemp insulation
vapor barrier
anker
20 mm insulation
vapor barrier
color blast PV panel
sun shading indoor connected to building management
system

1:10 PRINCIPLE DETAIL

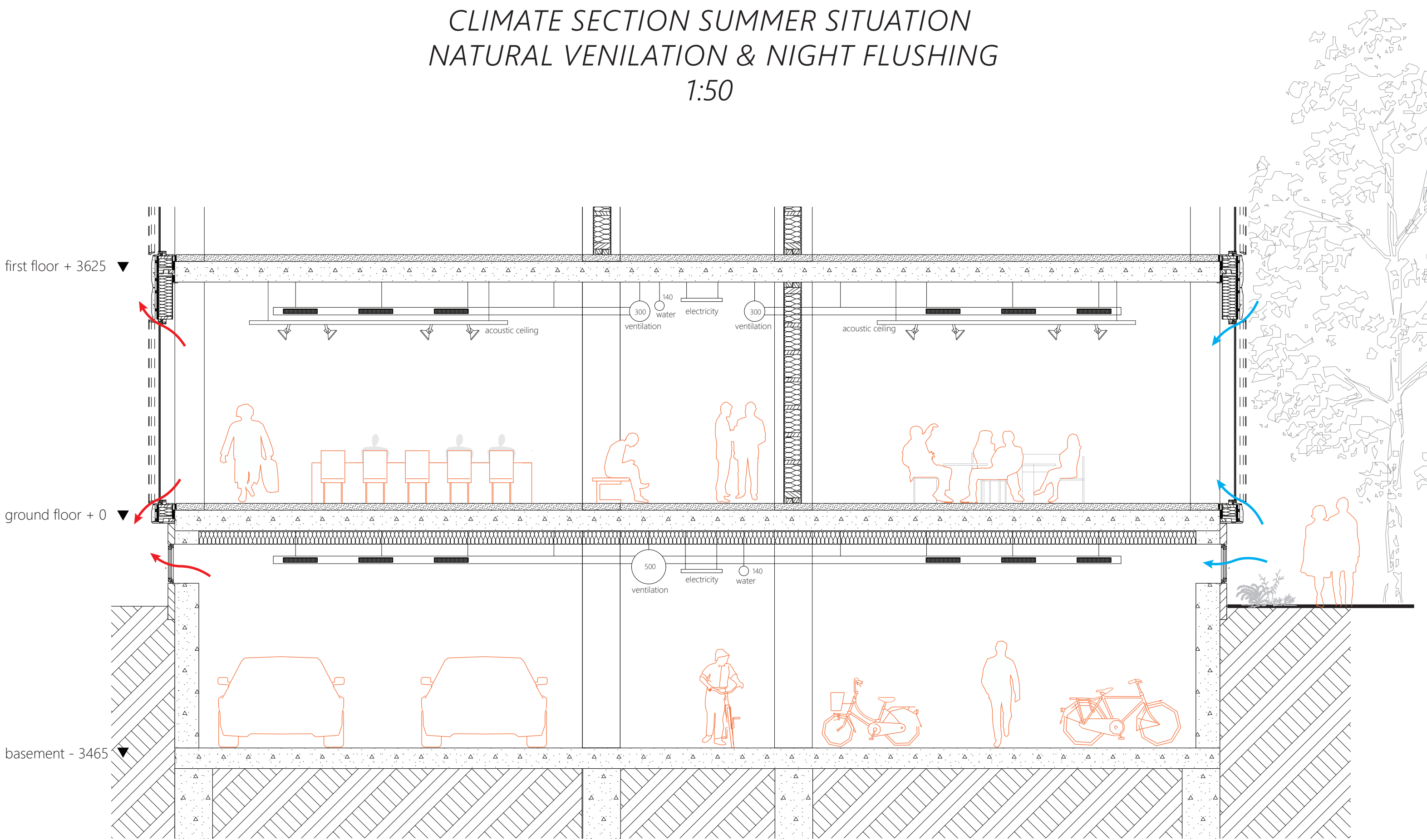


10 mm marmoleum click floor
25 mm fermacel: double layered gypsum fiber board
35 mm pavatex + floor heating & cooling
10 mm fermacell: single layered gypsum fiber board
20 mm insulation
300 mm existing concrete structure

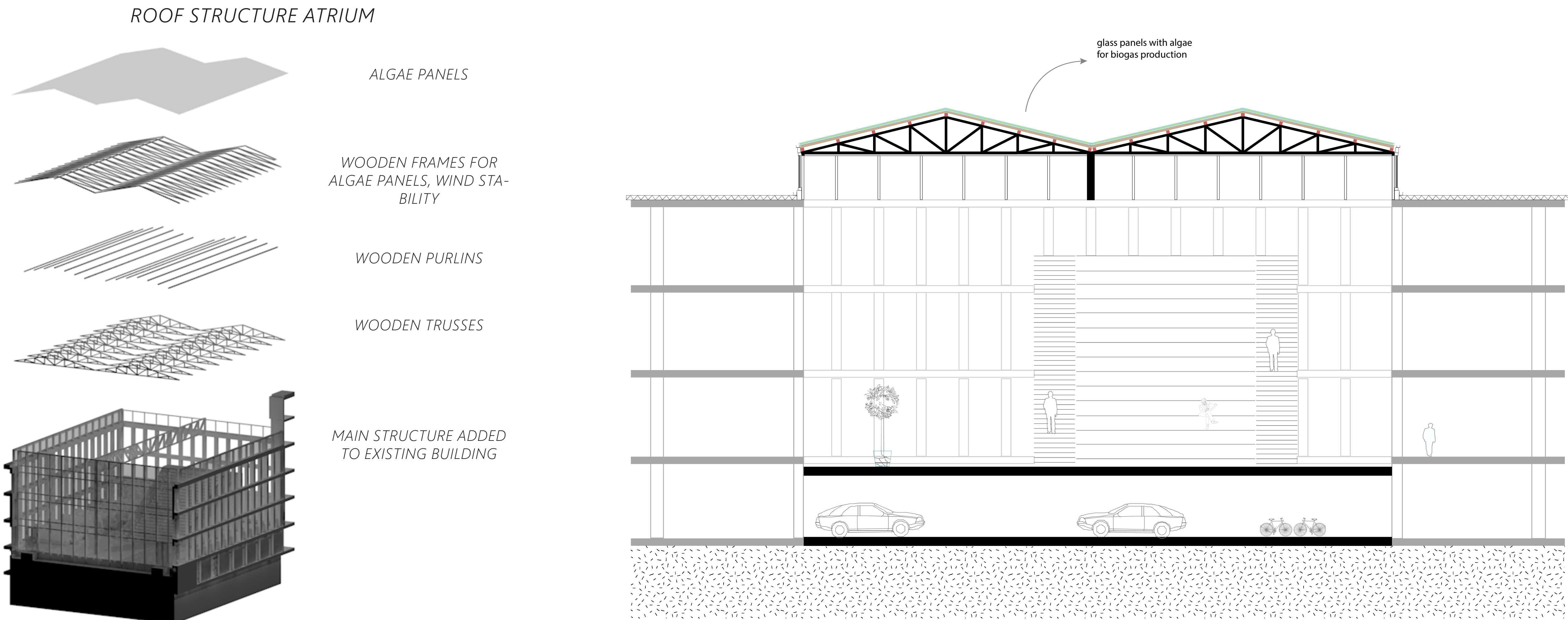
CLIMATE CONCEPT DIAGRAM



CLIMATE SECTION SUMMER SITUATION
NATURAL VENILATION & NIGHT FLUSHING
1:50



SECTION ATRIUM
1:100



CLIMATE SECTION WINTER SITUATION
MECHANICAL VENTILATION
1:50

