



DRAWING SET

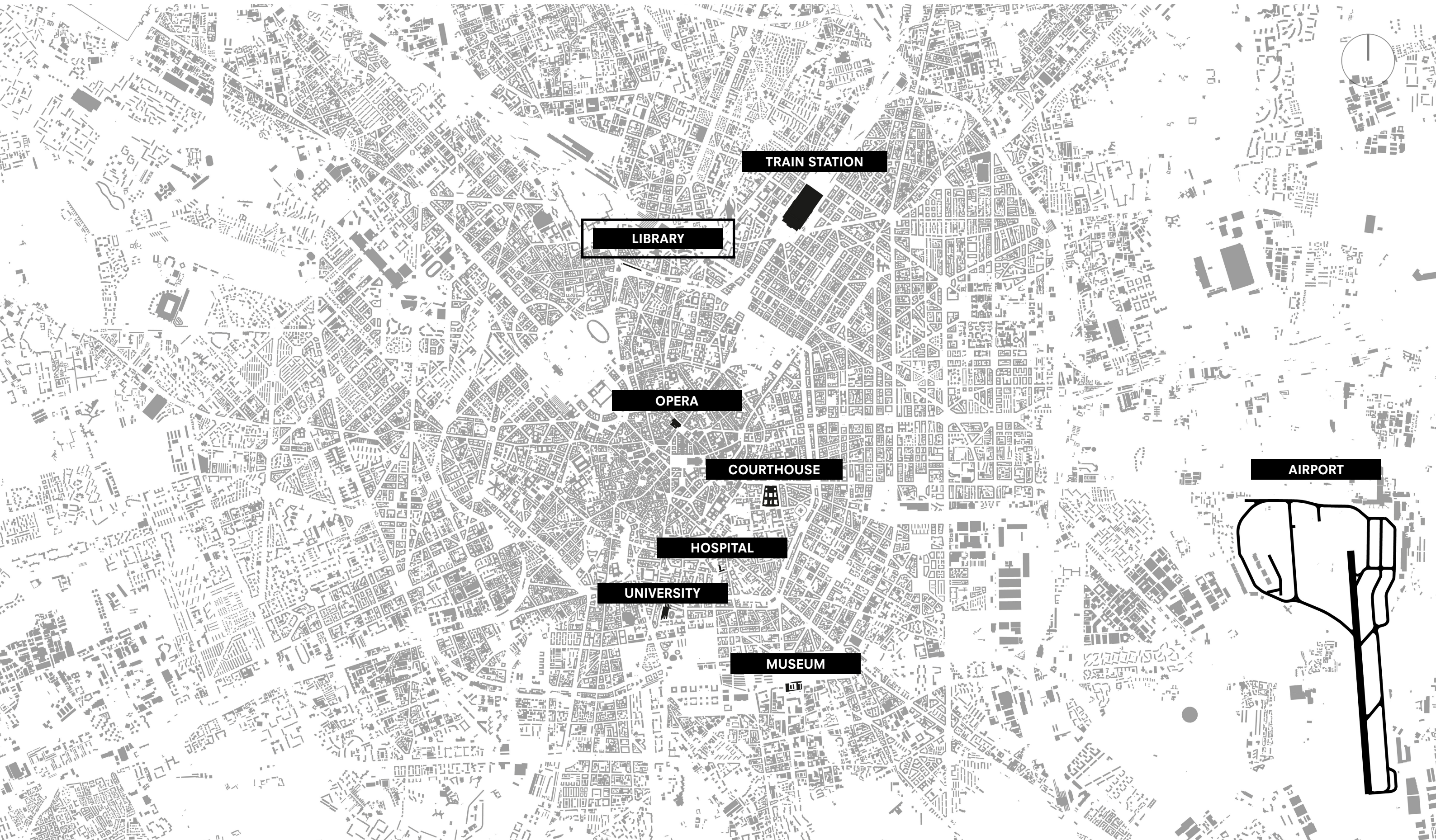
SIMBIOSI ARCHITETTURA NATURA

Complex projects P5

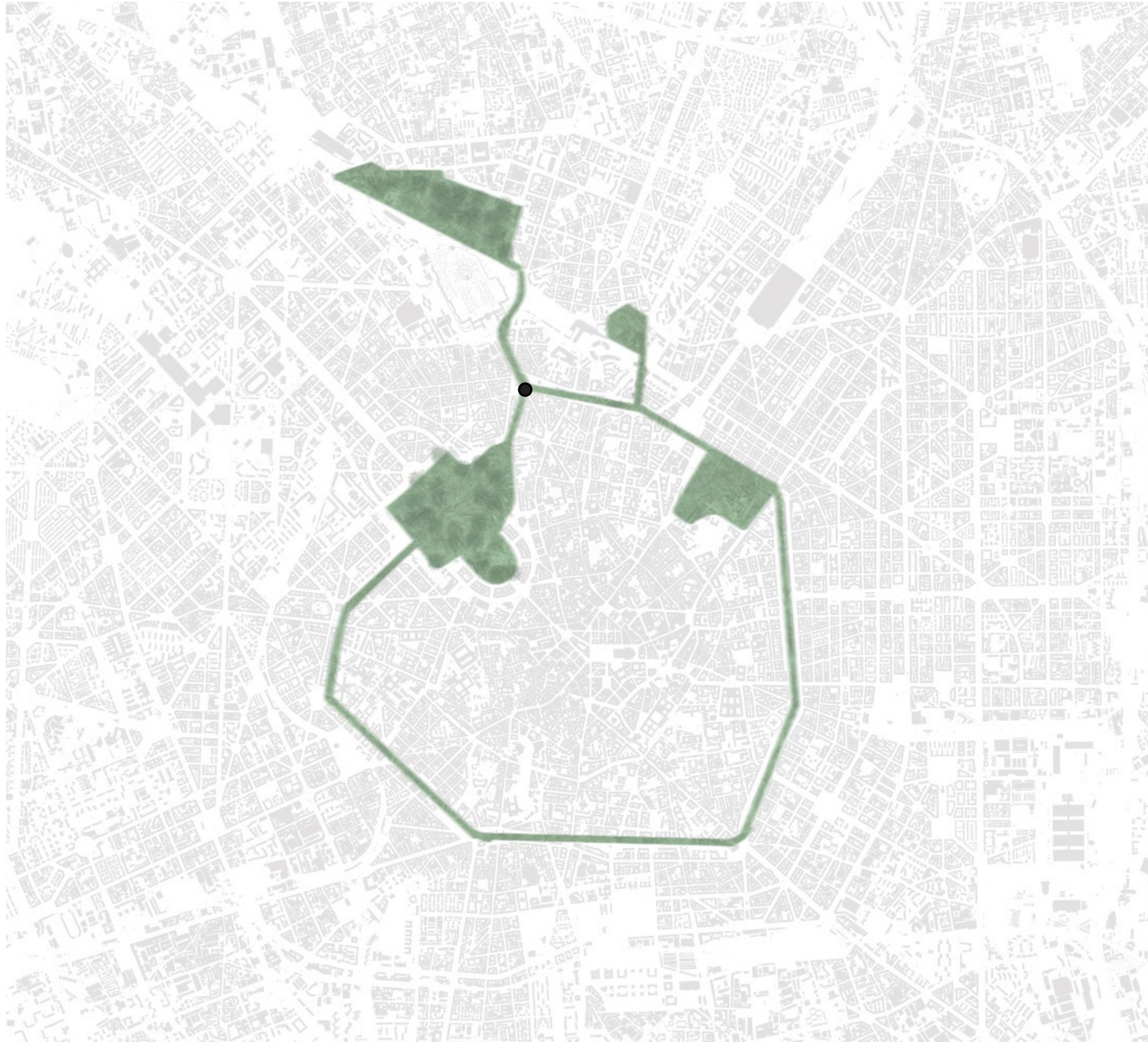
Roos Broeksma | 5828651

03/07/2025

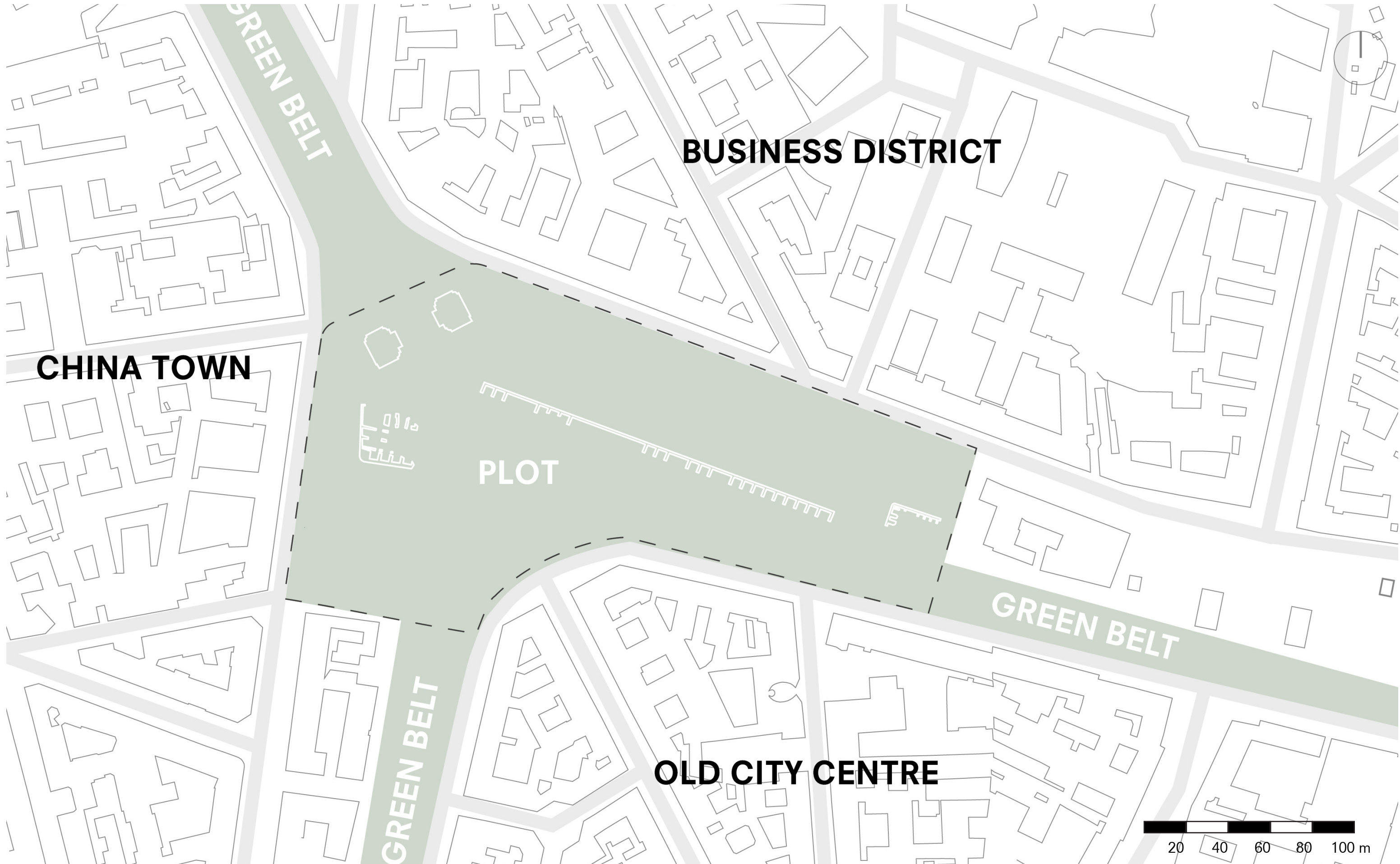
THE CITY OF TEMPORALITY



CITY SCALE | THE GREEN BELT



NEIGHBOURHOOD SCALE | NODE IN THE GREEN BELT



20 40 60 80 100 m

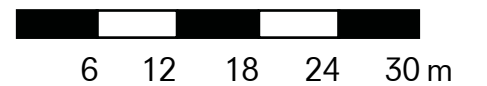
Site plan 1:500 on A1 (scaled)

SITE PLAN



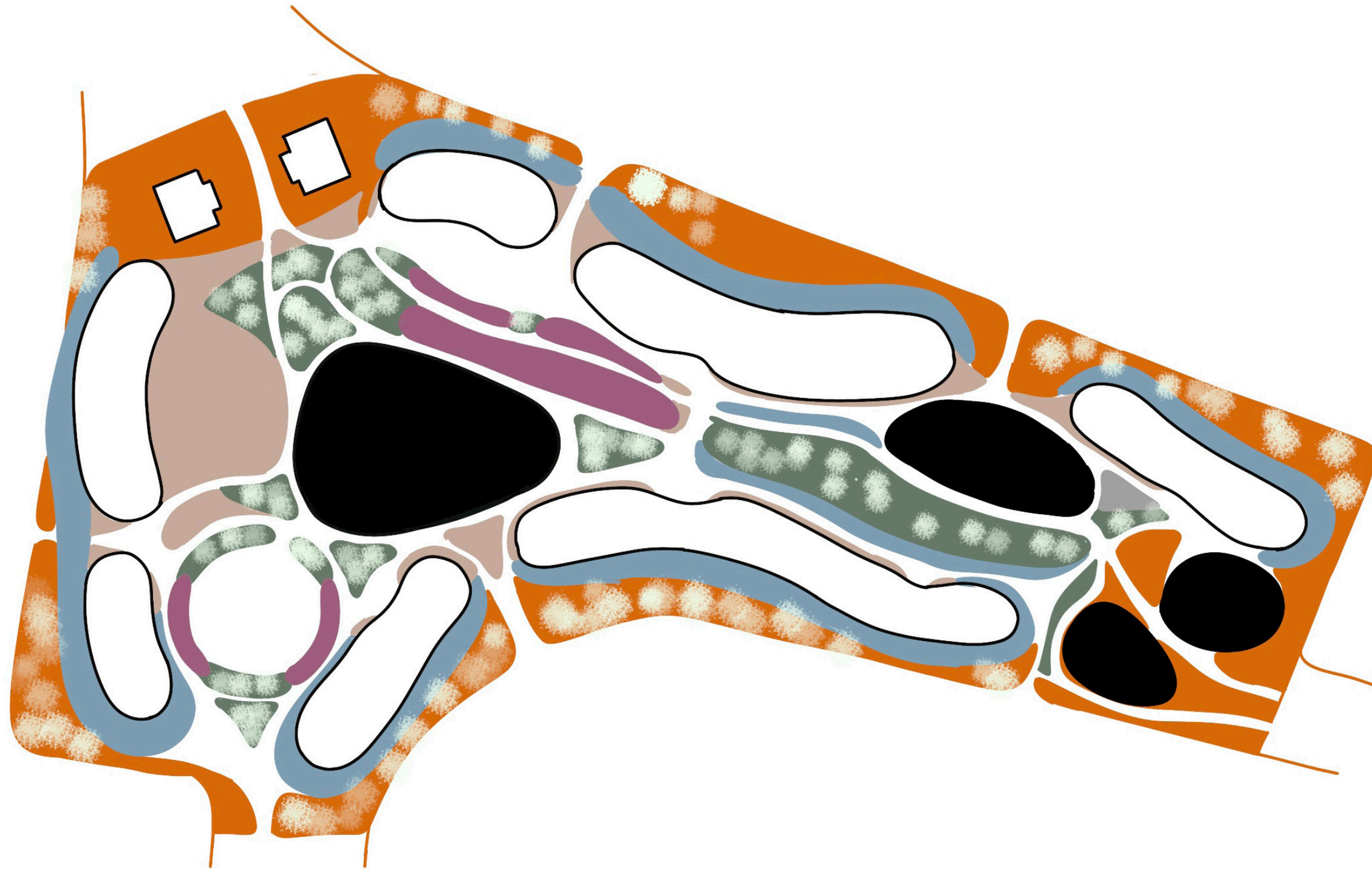
6 12 18 24 30 m

GREEN HEART FOR THE CULTURE OF GREENERY



Site plan

PLANT ZONING



Lush greenery

Green buffer

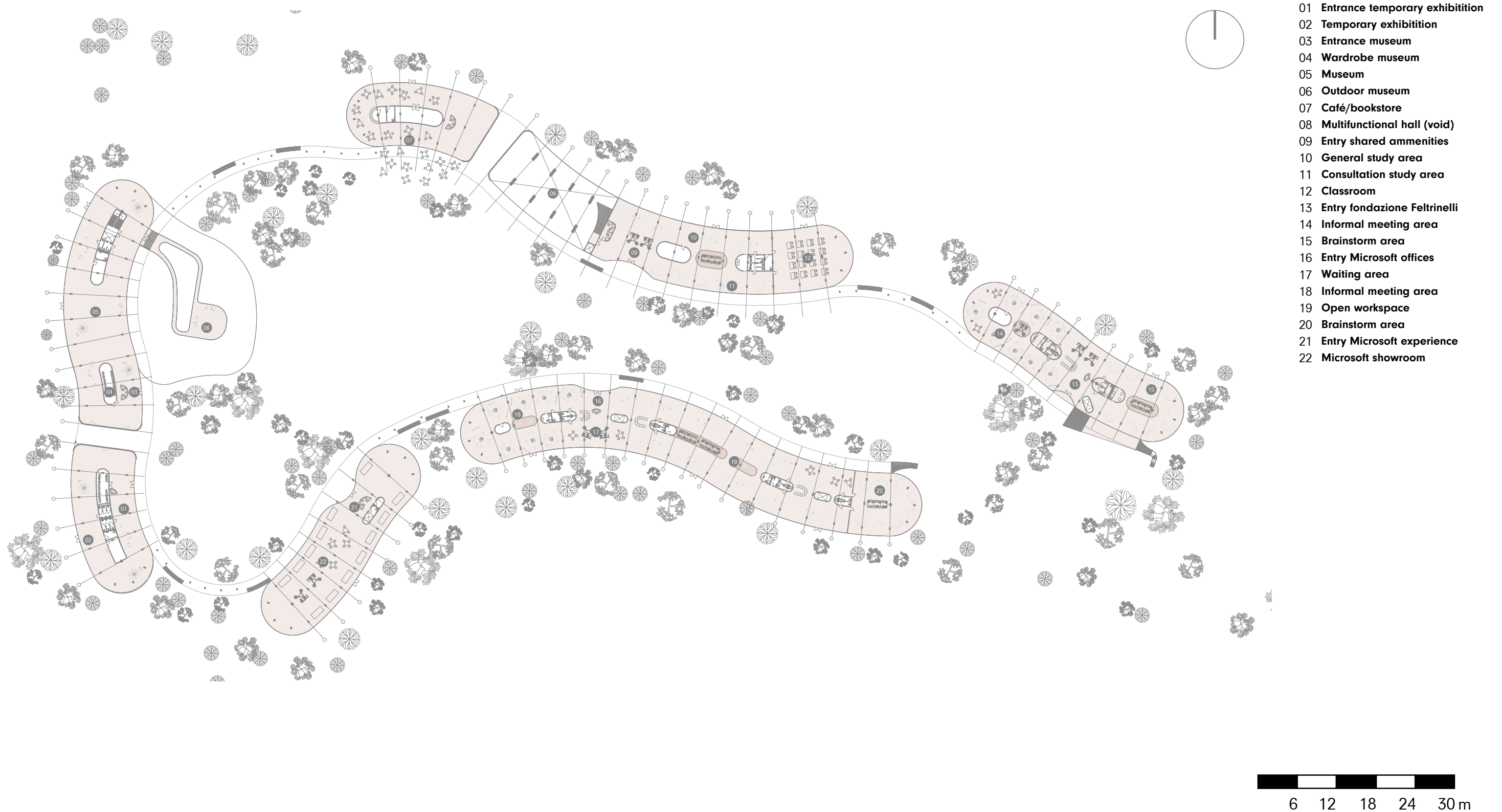
Low greenery for views

Near buildings

Under canopies

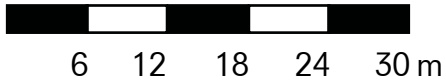
Floor plans 1:500 on A3 (scaled)

GROUND FLOOR | PLAN



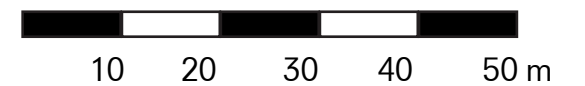
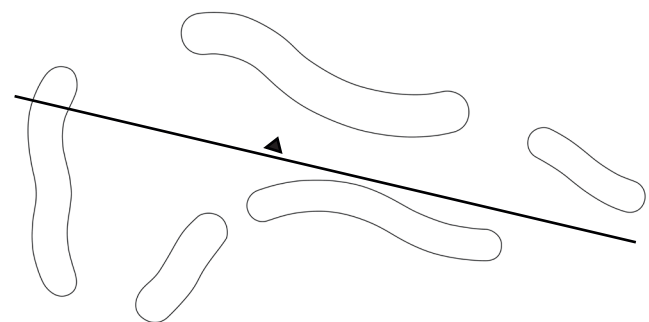
Floor plans 1:500 on A3 (scaled)

FIRST FLOOR | PLAN



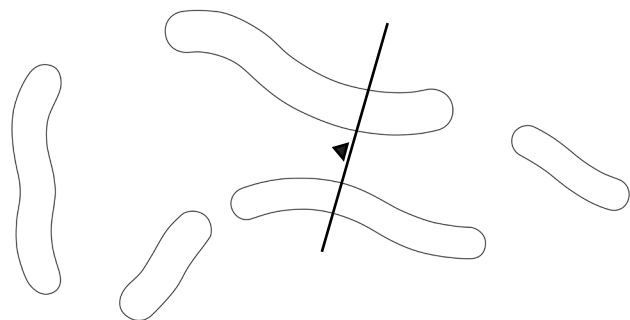
Sections 1:500 on A1 (scaled)

SECTION A-A MUSEUM AND ELEVATION SHARED BUILDING



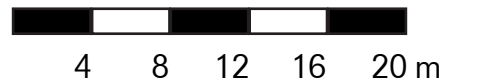
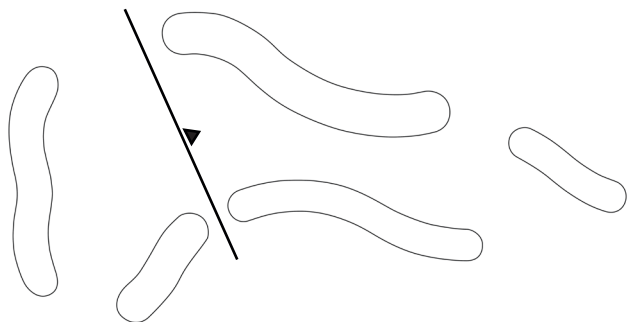
Sections 1:500 on A1 (scaled)

SECTION B-B BUILDINGS AND GARDEN



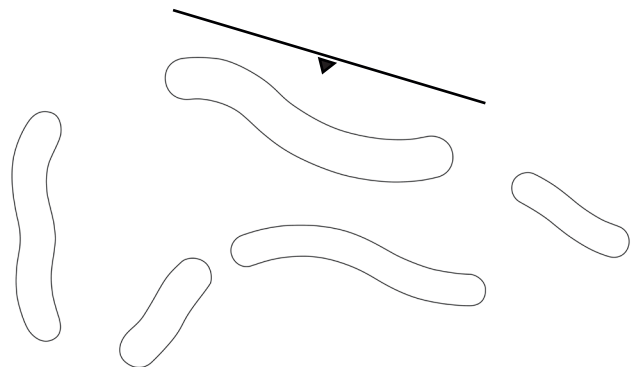
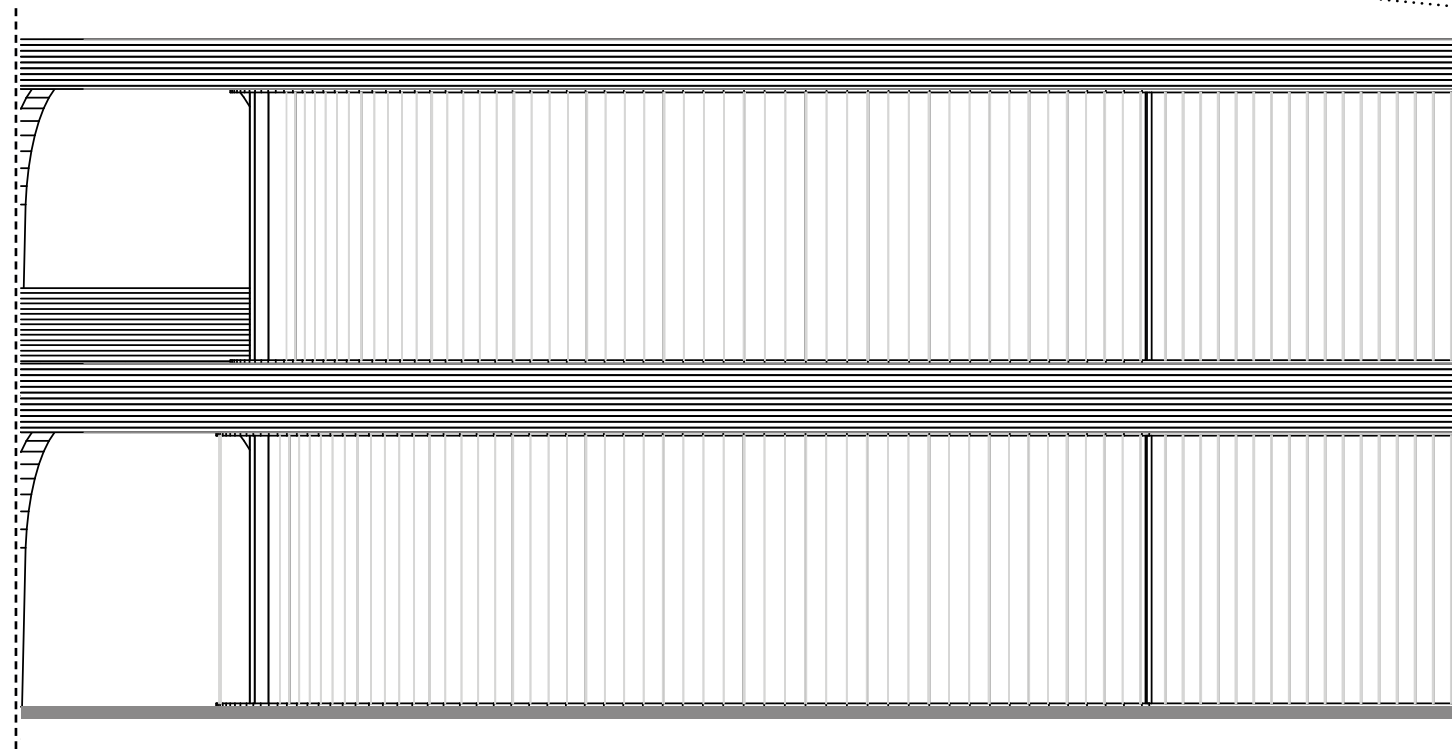
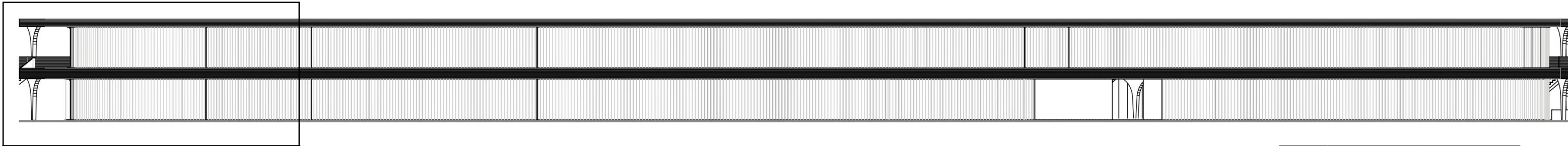
Sections 1:500 on A1 (scaled)

SECTION C-C BRIDGES AND GARDEN



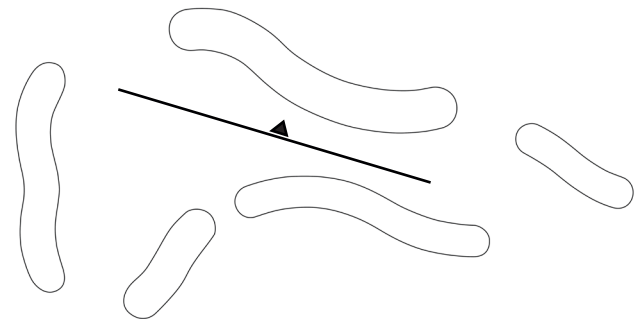
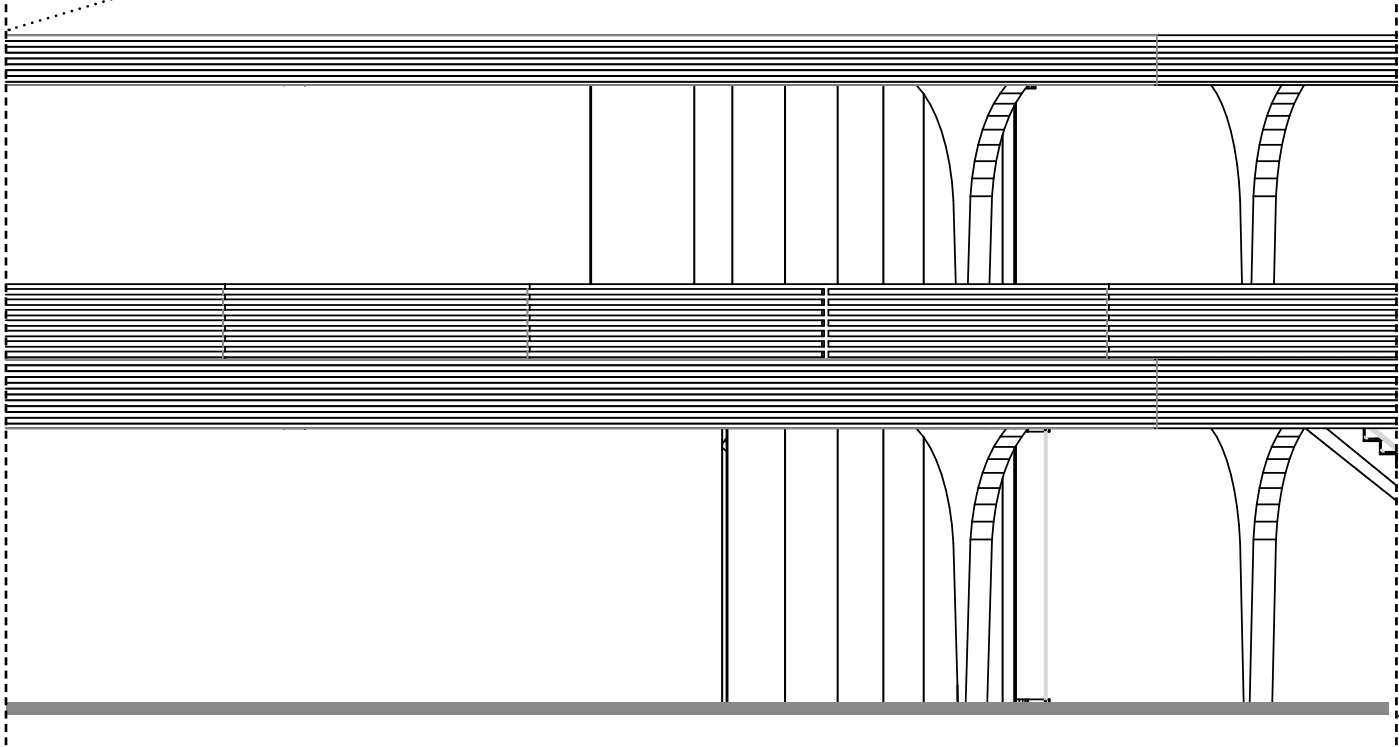
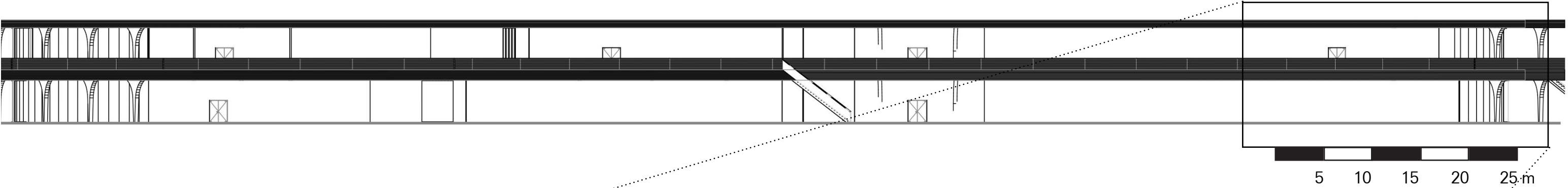
Elevations 1:500 on A3 (scaled)

STREET ELEVATION



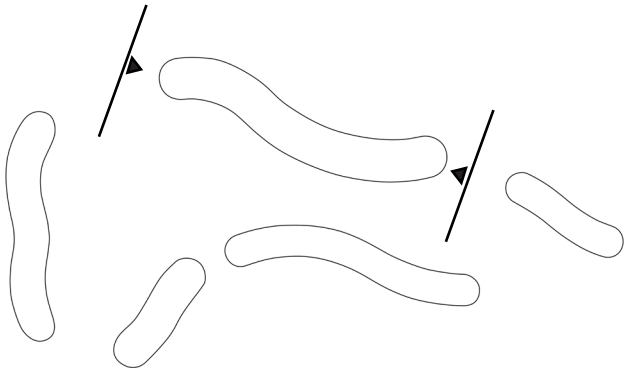
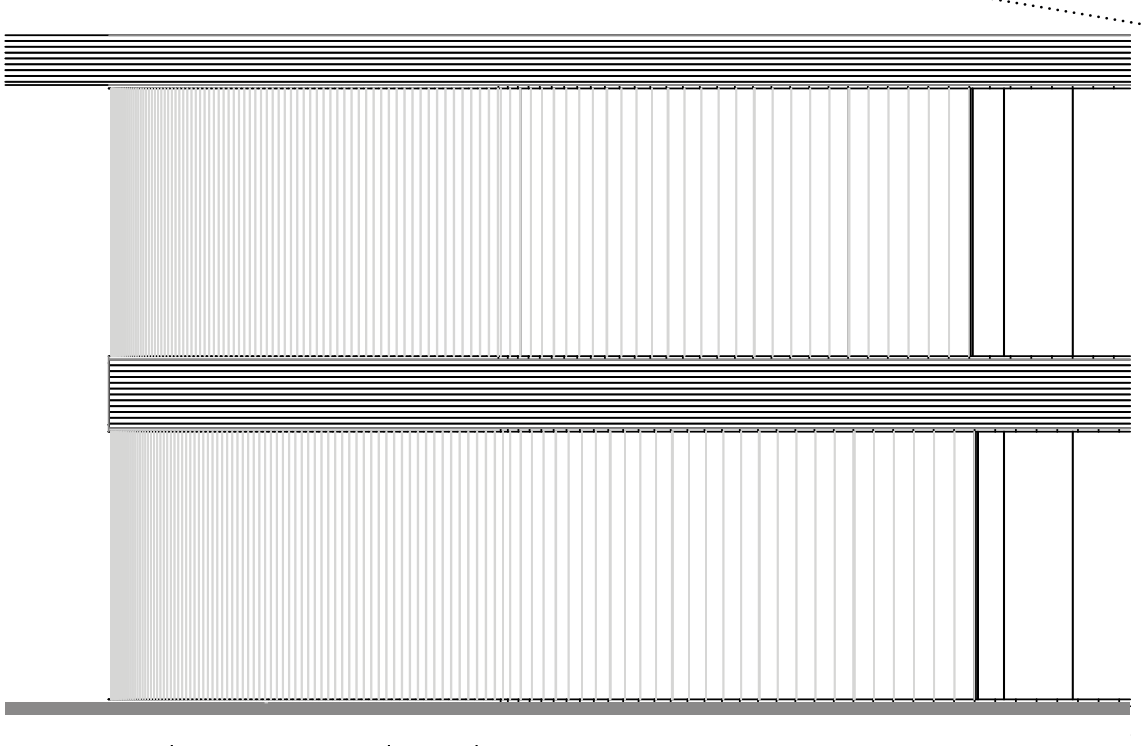
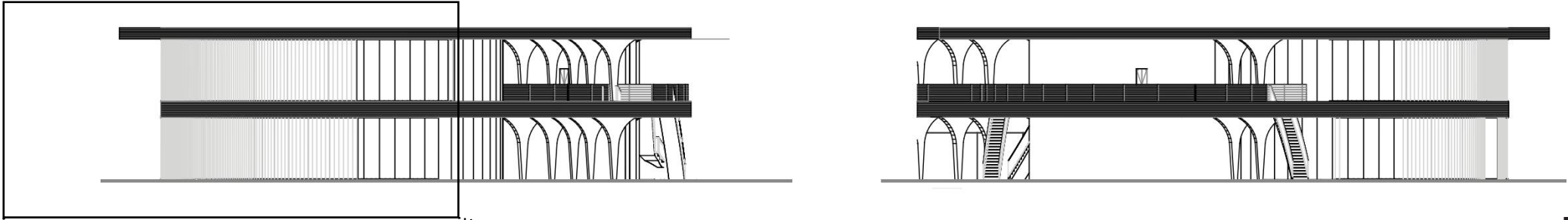
Elevations 1:500 on A3 (scaled)

GREEN HEART ELEVATION



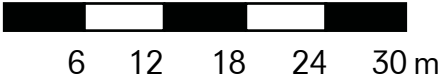
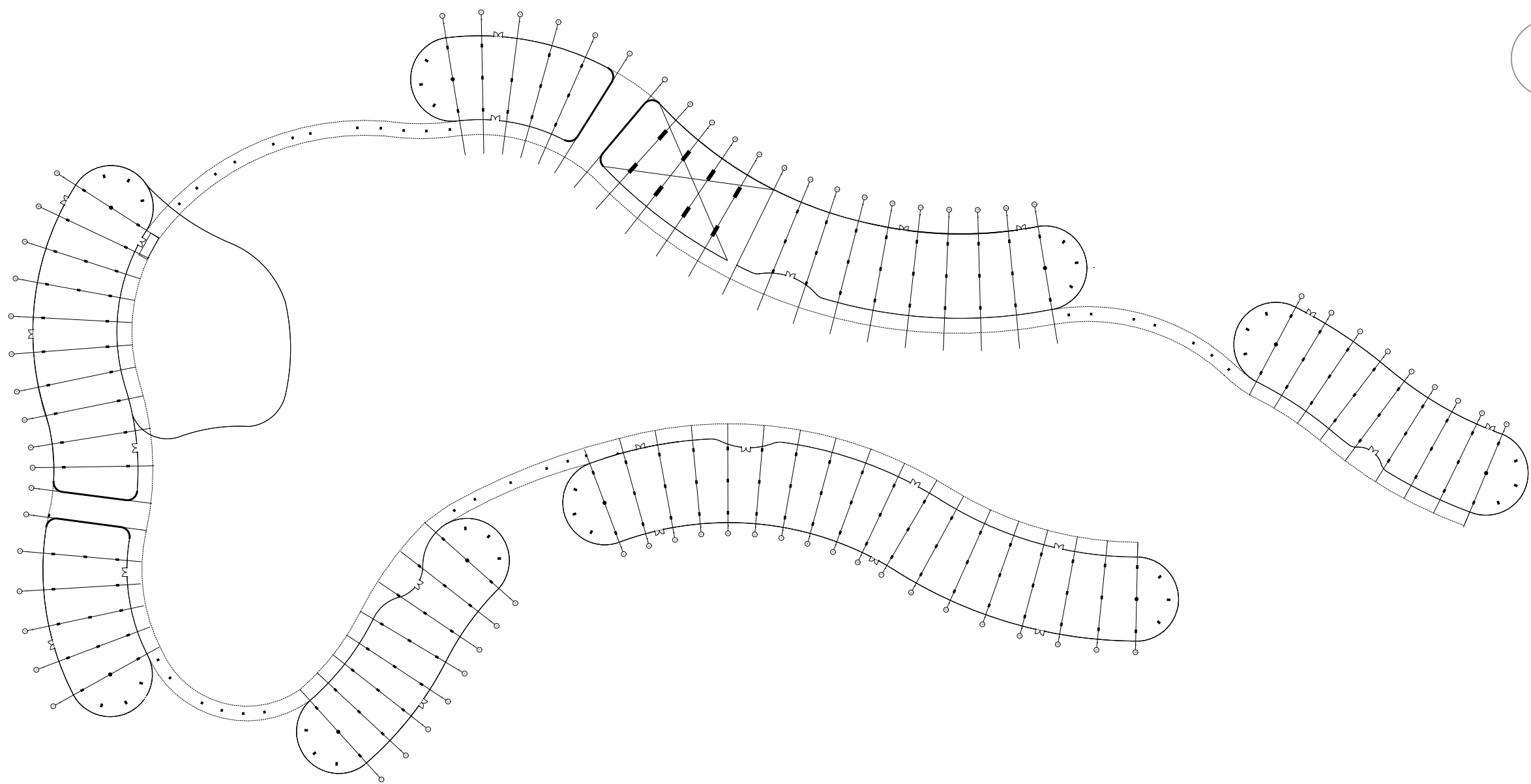
Elevations 1:500 on A3 (scaled)

LEFT - AND RIGHT ELEVATION

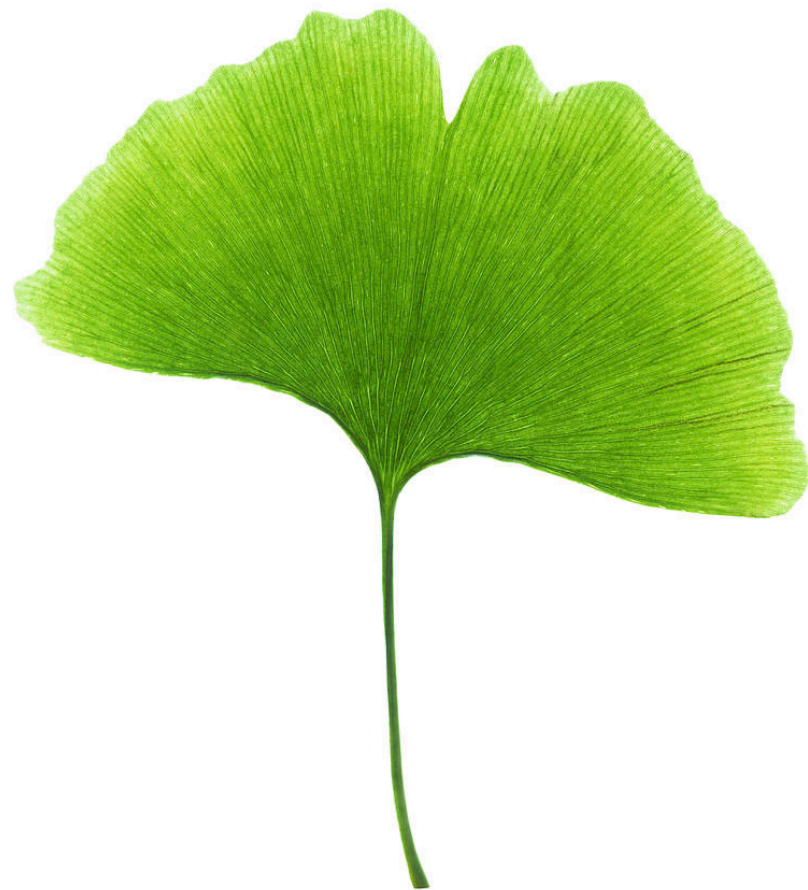


Structure

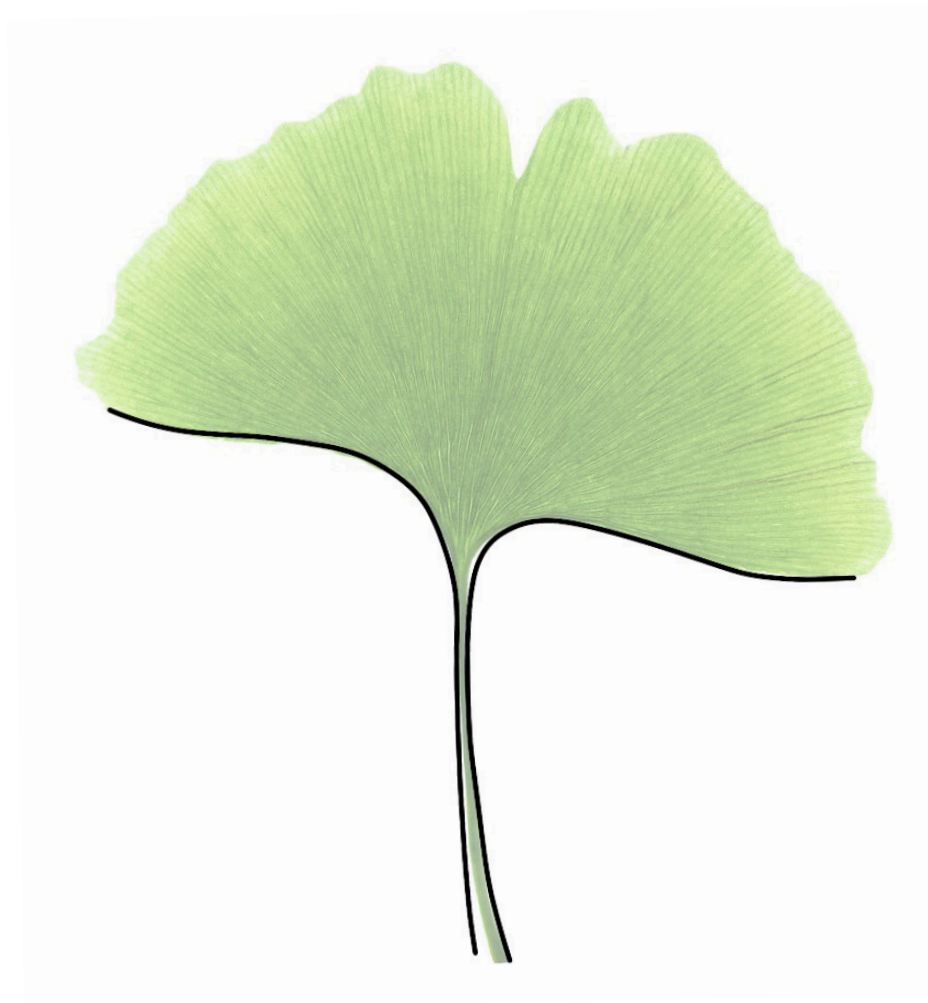
CONSTRUCTION PLAN



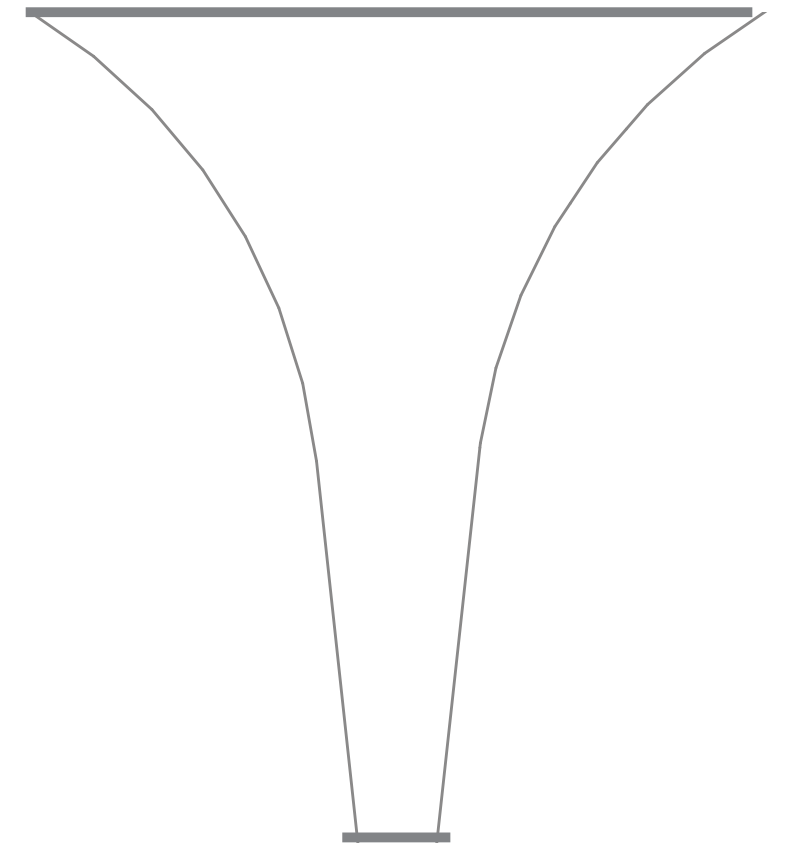
STRUCTURE | REFERRING TO NATURAL SHAPES



GINKO LEAVE | NATURAL SHAPE



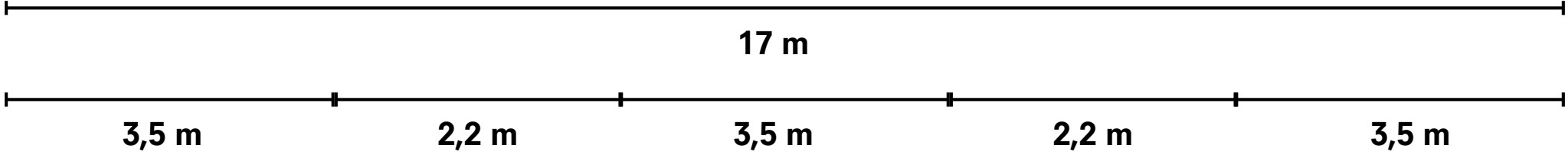
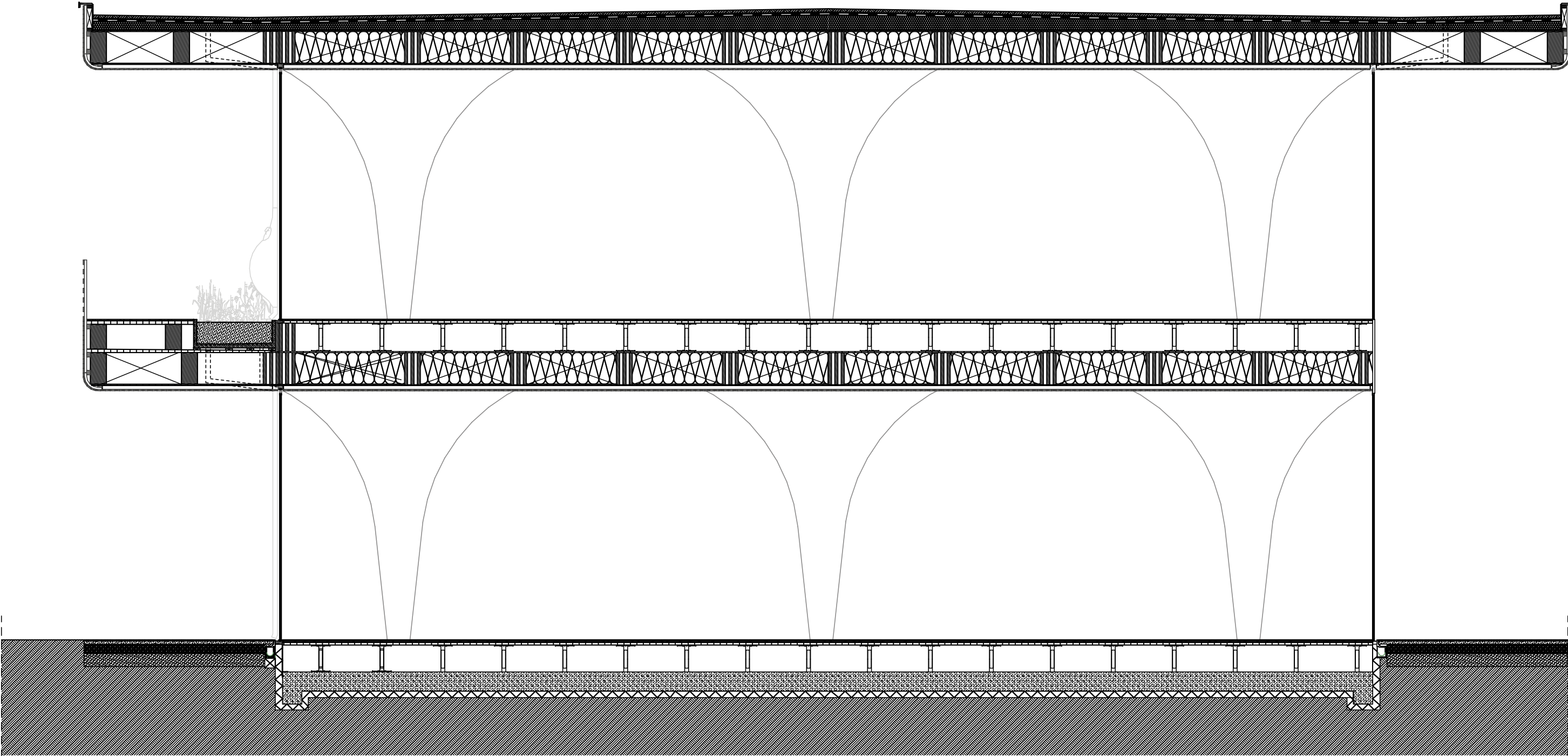
CONTOURS OF GINKO SHAPE



TRANSLATING TO CONSTRUCTION CONTOURS
ORGANIC SHAPED COLUMN

Structure

CONSTRUCTION SECTION



Facade fragment 1:50 on A2 (scaled)

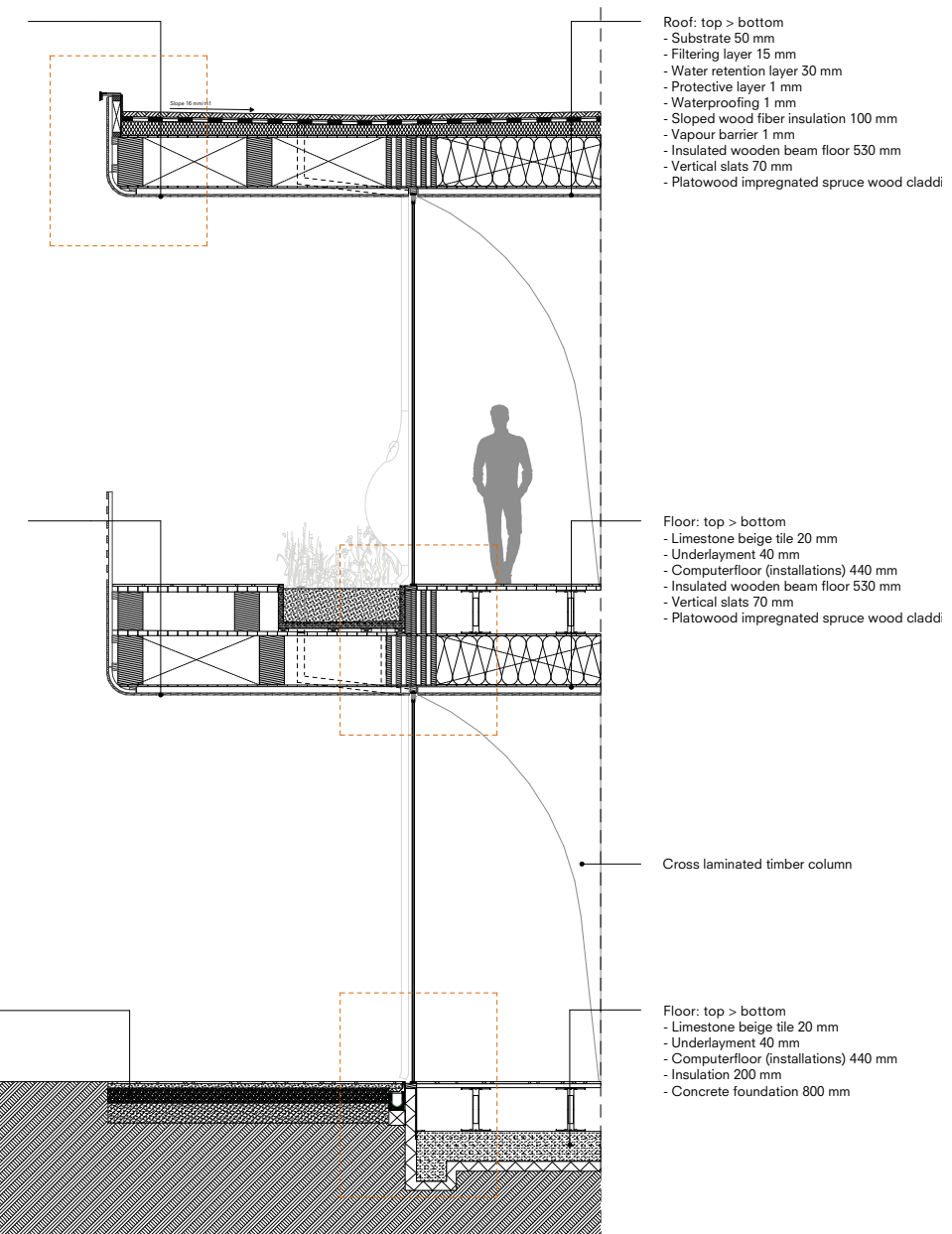
STRUCTURE IN THE FACADE



Roof terrace: top > bottom
 - Substrate 50 mm
 - Filtering layer 15 mm
 - Water retention layer 30 mm
 - Protective layer 1 mm
 - Waterproofing 1 mm
 - Sloped wood fiber insulation 100 mm
 - Vapour barrier 1 mm
 - Wooden beam floor 530 mm
 - Vertical slats 70 mm
 - Platowood impregnated spruce wood cladding 18 mm

Floor terrace: top > bottom
 - Limestone beige tile 20 mm
 - Underlayment 18 mm
 - Computerfloor 400 mm
 - Waterproofing 1 mm
 - Sloped wooden beam floor 530 mm
 - Vertical slats 70 mm
 - Platowood impregnated spruce wood cladding 18 mm

Floor outdoor terrace:
 - Limestone beige tile 20 mm
 - Tile glue 5 mm
 - Screed 50 mm
 - Granular concrete 150 mm
 - Concrete rubble 200 mm



Roof: top > bottom
 - Substrate 50 mm
 - Filtering layer 15 mm
 - Water retention layer 30 mm
 - Protective layer 1 mm
 - Waterproofing 1 mm
 - Sloped wood fiber insulation 100 mm
 - Vapour barrier 1 mm
 - Insulated wooden beam floor 530 mm
 - Vertical slats 70 mm
 - Platowood impregnated spruce wood cladding

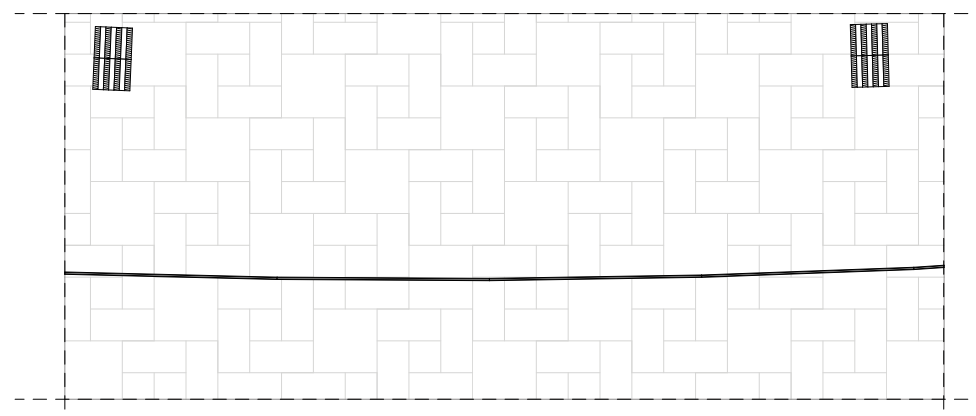
Floor: top > bottom
 - Limestone beige tile 20 mm
 - Underlayment 40 mm
 - Computerfloor (installations) 440 mm
 - Insulated wooden beam floor 530 mm
 - Vertical slats 70 mm
 - Platowood impregnated spruce wood cladding

Cross laminated timber column

Floor: top > bottom
 - Limestone beige tile 20 mm
 - Underlayment 40 mm
 - Computerfloor (installations) 440 mm
 - Insulation 200 mm
 - Concrete foundation 800 mm

FACADE PERSPECTIVE (INTERIOR FRAGMENT)

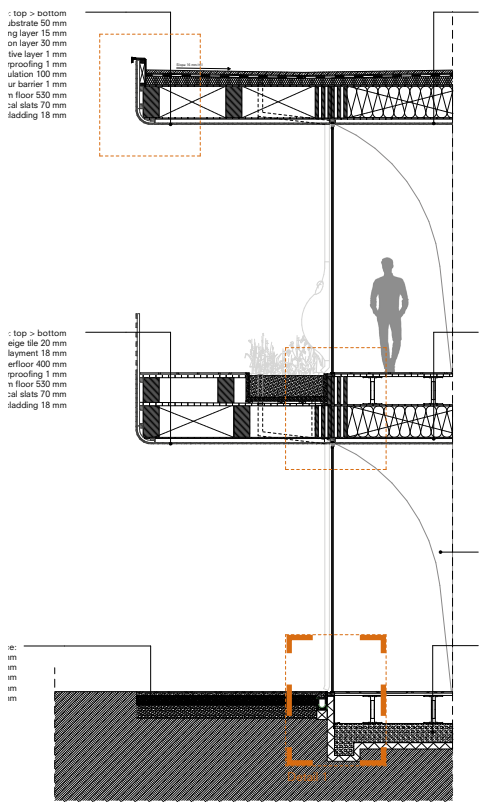
VERTICAL FACADE SECTION



HORIZONTAL FACADE SECTION



DETAILS | INDOOR OUTDOOR CONNECTION



Location of detail

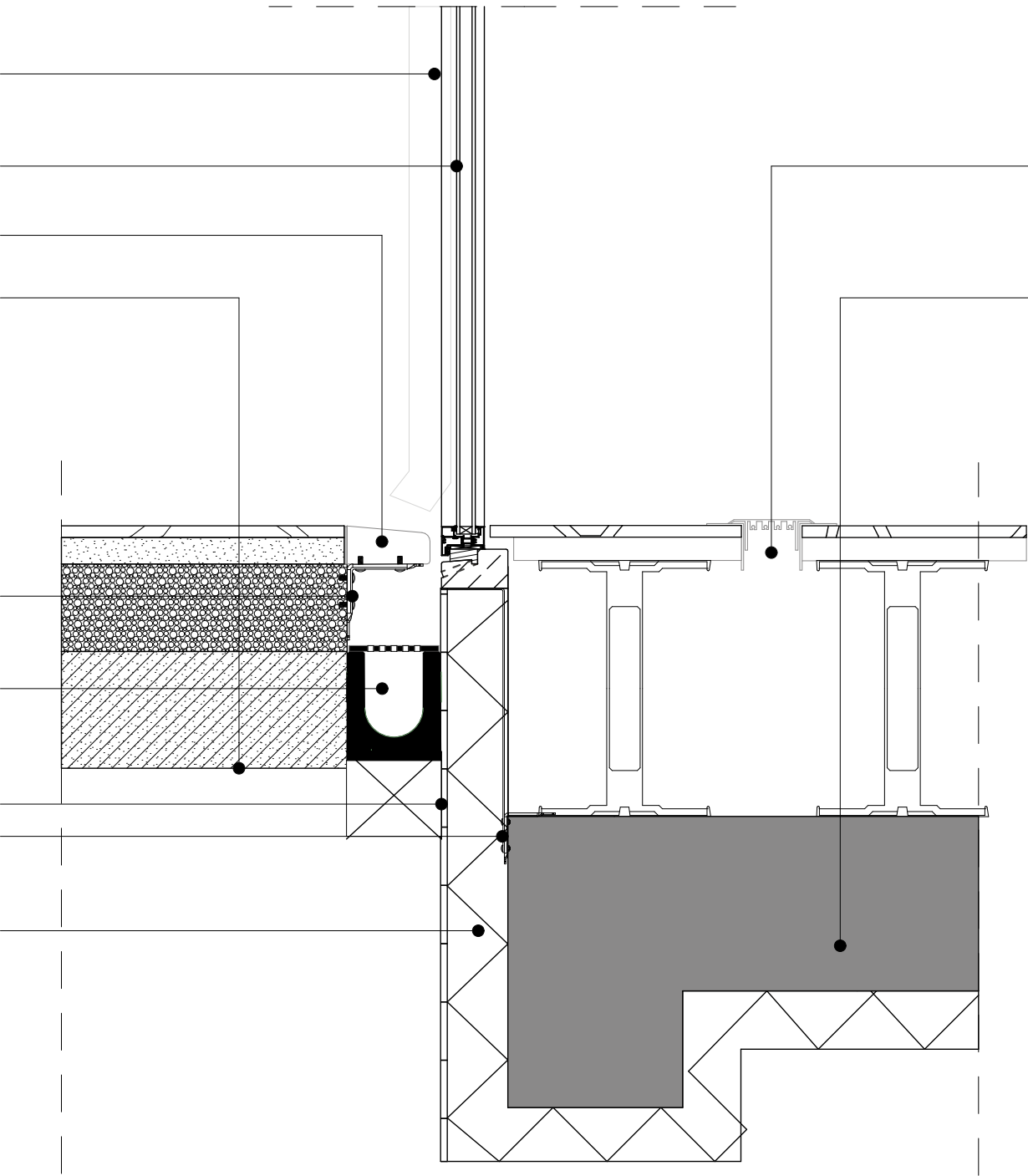
top > bottom
substrate 50 mm
rigid layer 15 mm
on layer 30 mm
flexible layer 1 mm
proofing 1 mm
insulation 100 mm
up barrier 1 mm
floor 550 mm
sill plate 70 mm
siding 18 mm

top > bottom
edge tile 20 mm
layment 18 mm
proofing 1 mm
floor 550 mm
sill plate 70 mm
siding 18 mm

18 mm
18 mm
18 mm
18 mm

- Rainwater pipe to ground level
- HR++ glass 22m
- Threshold same color as limestone tile
- Floor outdoor terrace:
- Limestone beige tile 20 mm
 - Tile glue 5 mm
 - Screed 50 mm
 - Granular concrete 150 mm
 - Concrete rubble 200 mm

- profile attached to concrete with plugs
- Drainage gutter met rooster
- Console for construction
Window frame bracket
- Insulated lower edge board



Ventilation grill

- Floor: top > bottom
- Limestone beige tile 20 mm
 - Underlayment 40 mm
 - Computerfloor (installations) 440 mm
 - Concrete foundation 300 mm

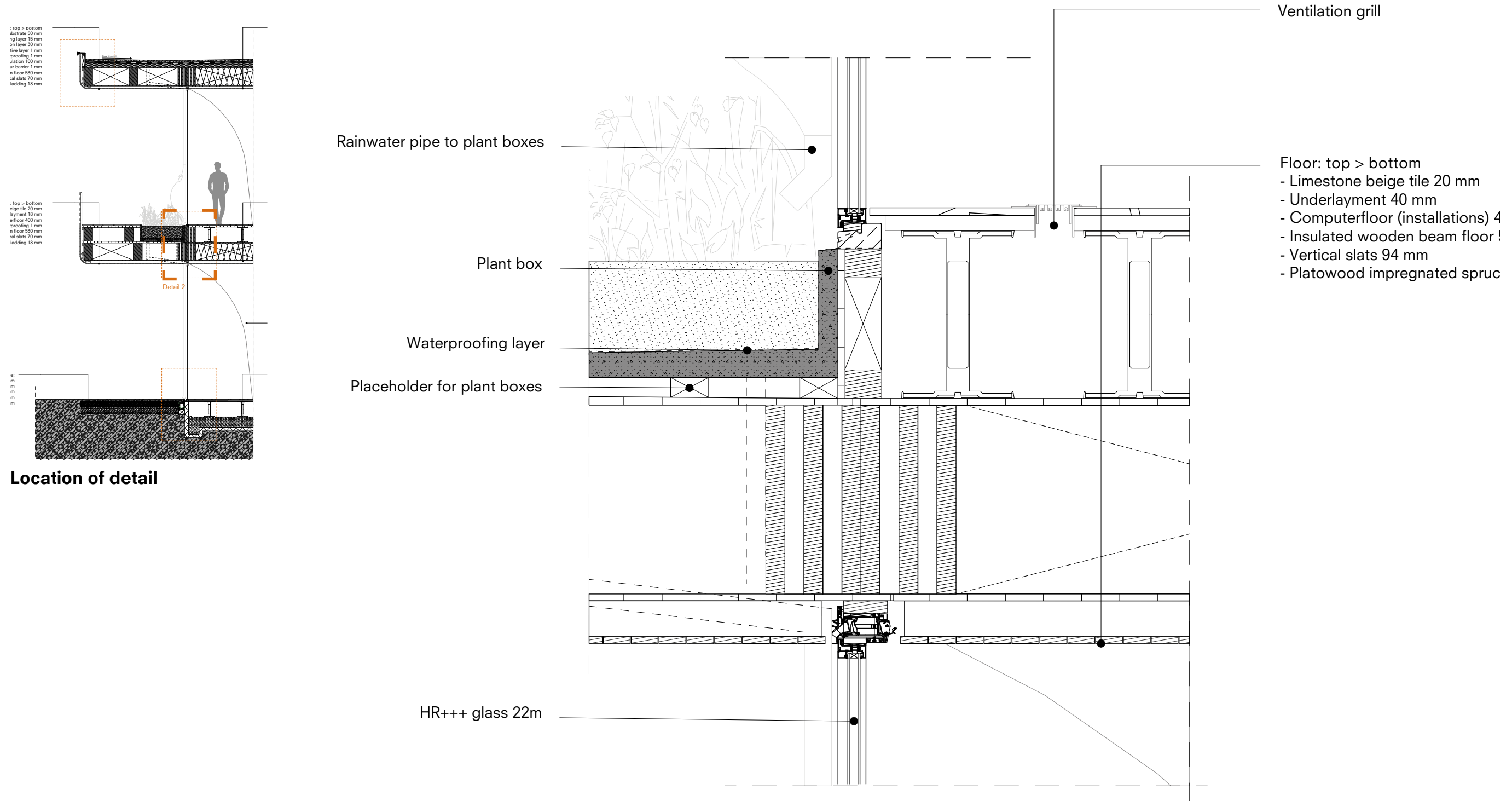
DETAIL 1 | FOUNDATION



0,1 0,2 0,3 0,4 0,5 m

Details 1:10 on A3 (scaled)

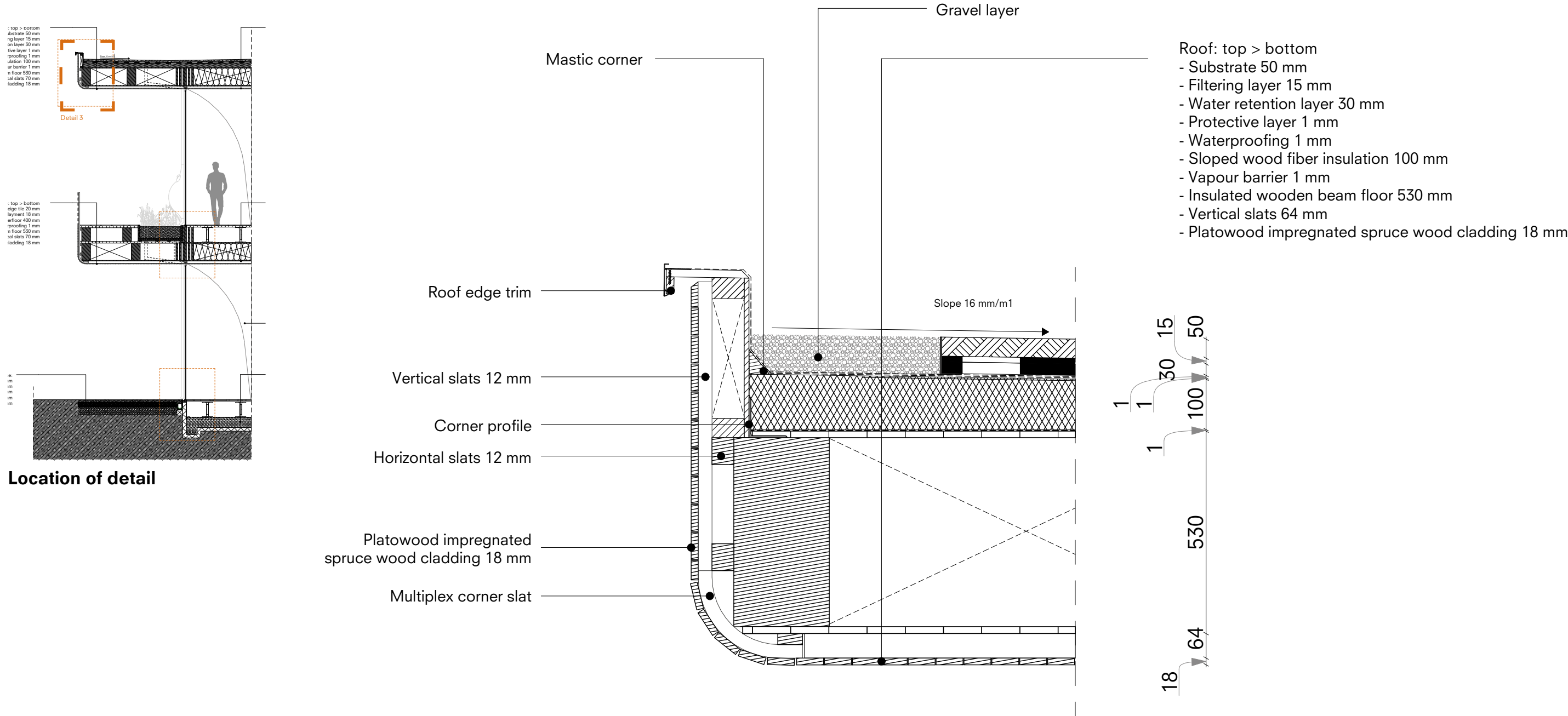
DETAILS | INDOOR OUTDOOR CONNECTION



DETAIL 2 | FLOOR TERRACE CONNECTION

0,1 0,2 0,3 0,4 0,5 m

DETAILS | INDOOR OUTDOOR CONNECTION

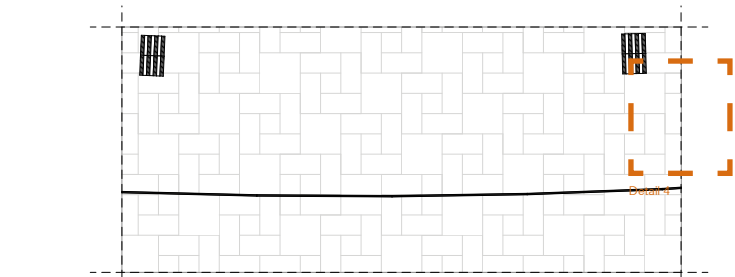


DETAIL 3 | ROOF TERRACE EDGE

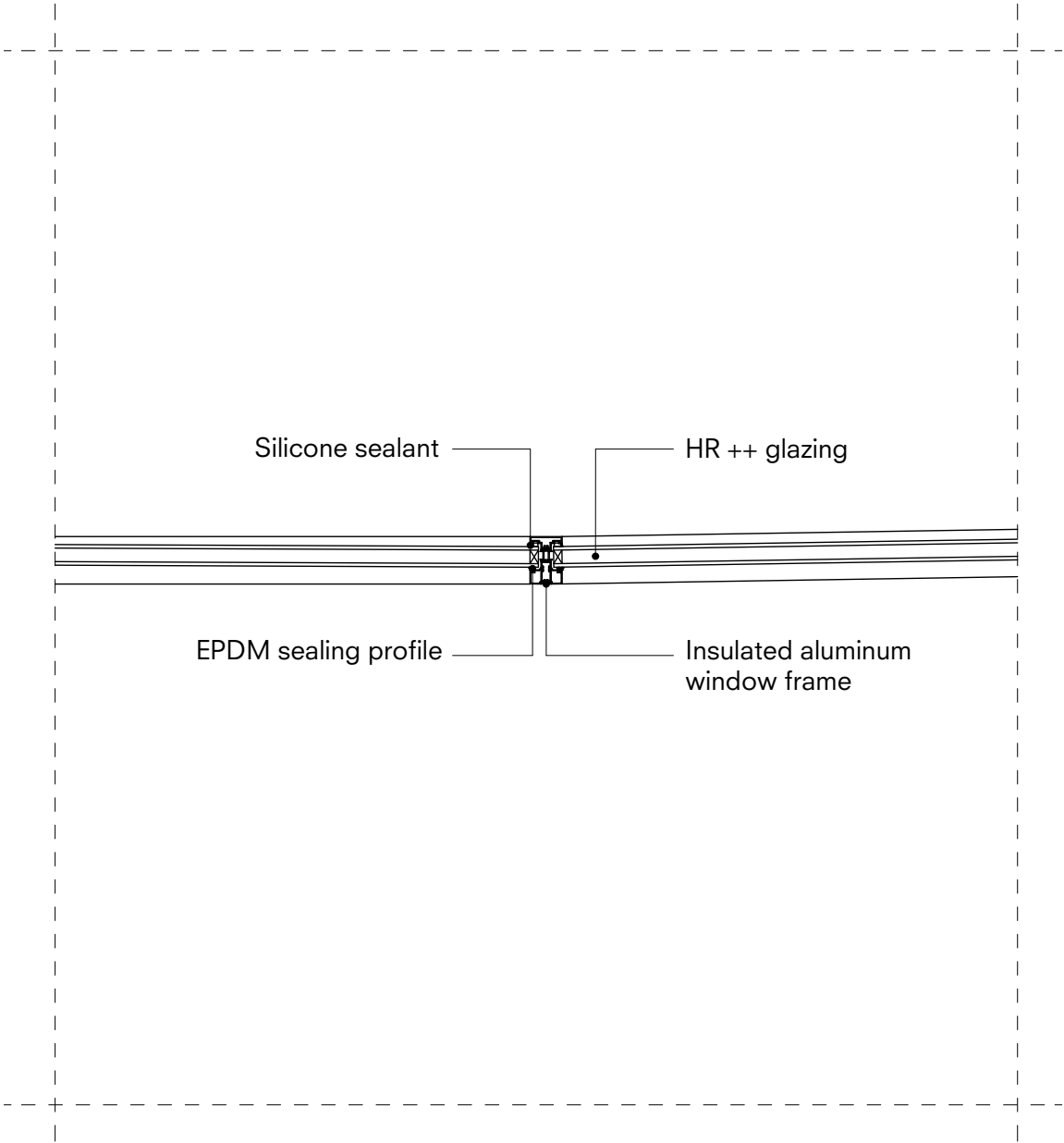


0,1 0,2 0,3 0,4 0,5 m

DETAILS | INDOOR OUTDOOR CONNECTION



Location of detail

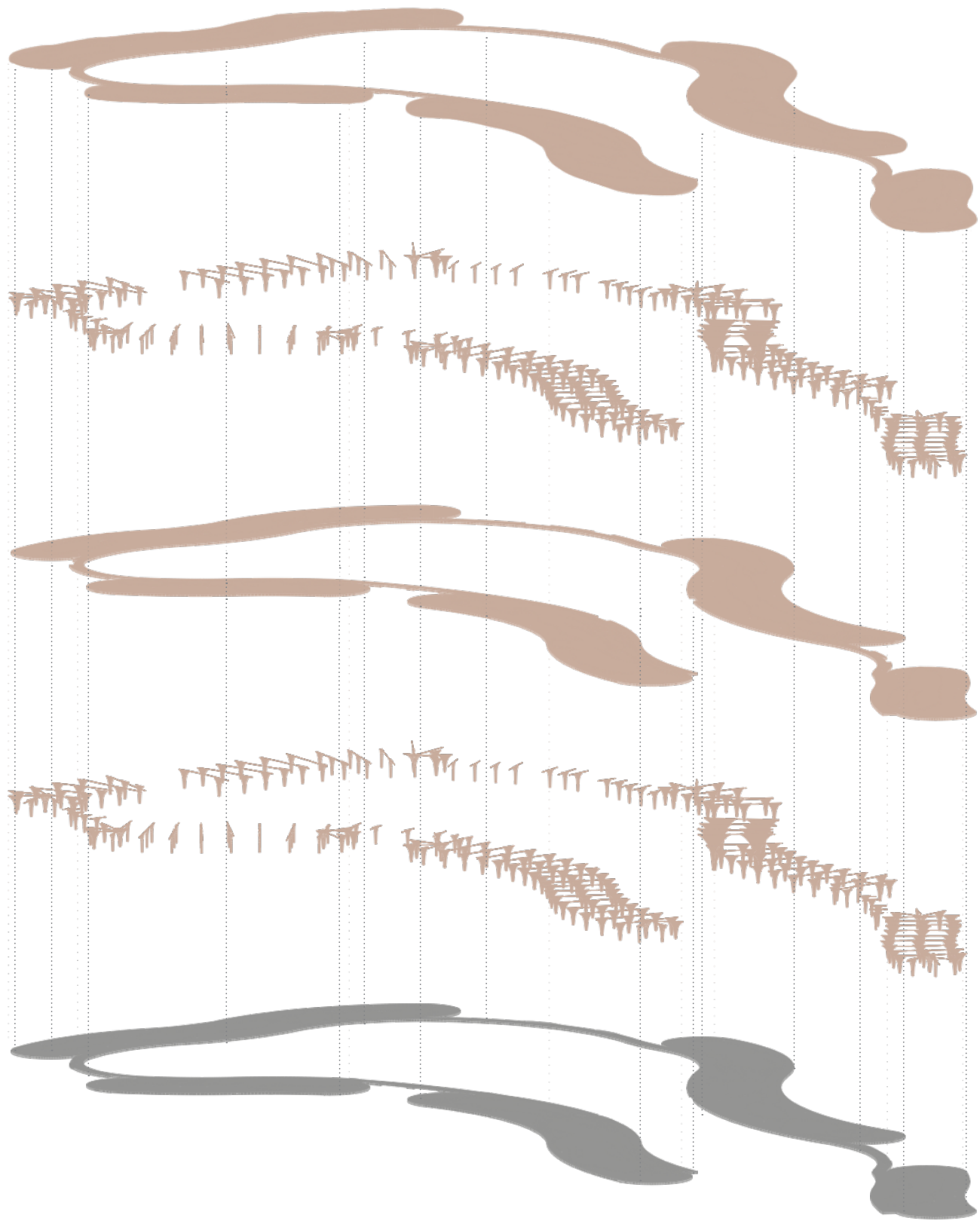


DETAIL 4 | HORIZONTAL WINDOW



0,1 0,2 0,3 0,4 0,5 m

CONSTRUCTION PRINCIPLE | EXPLODED AXO



Wooden roof
Creates stability together with columns and beams.

Three hinged trusses
Allows for large spans and organic shapes

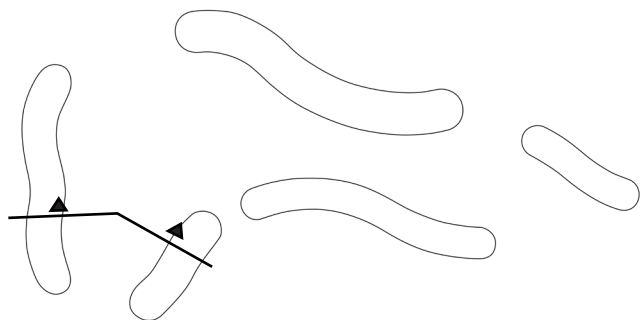
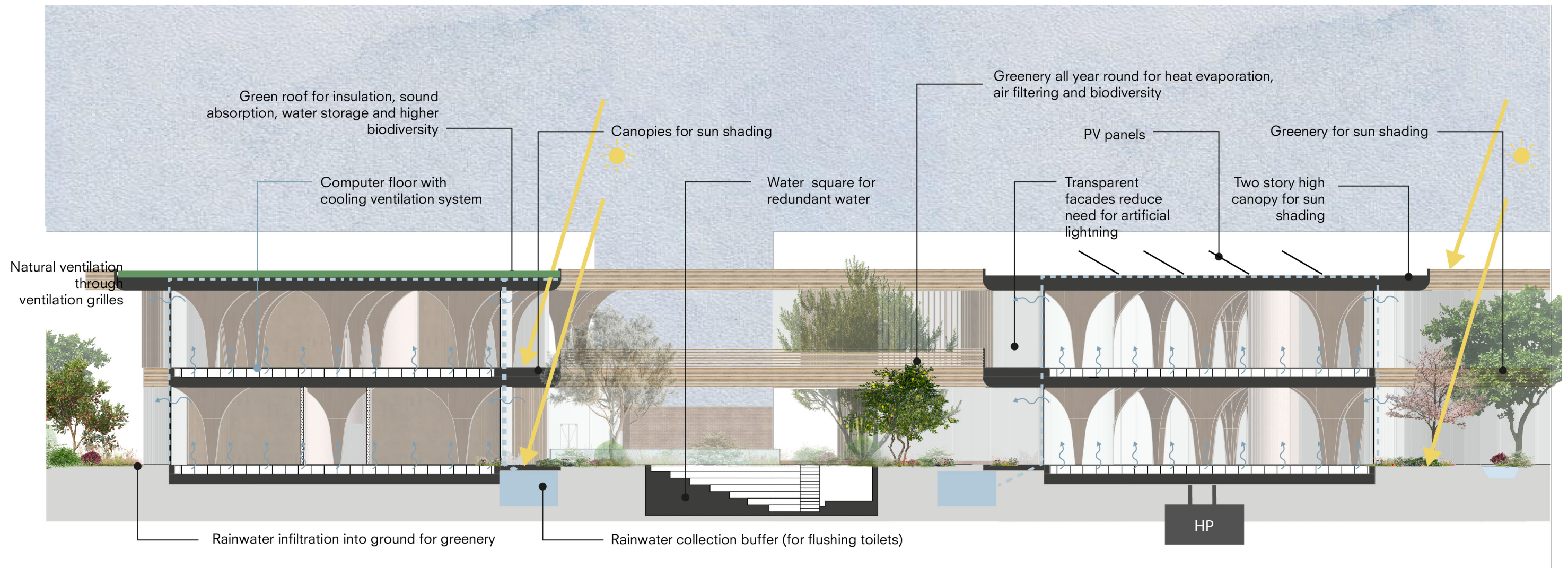
Wooden floor
Creates stability together with columns and beams.

Three hinged trusses
Allows for large spans and organic shapes

Concrete foundation
Connected to ground for stability

Rotaded columns and beams connected by floors make the construction stable.

CLIMATE SECTION | SUMMER



Climate section 1:200 on A3 (scaled)

CLIMATE SECTION | WINTER

