COMPLEX PROJECTS

DRAWING SET

The Connecting Library

Sam Haverhals

3-07-2025

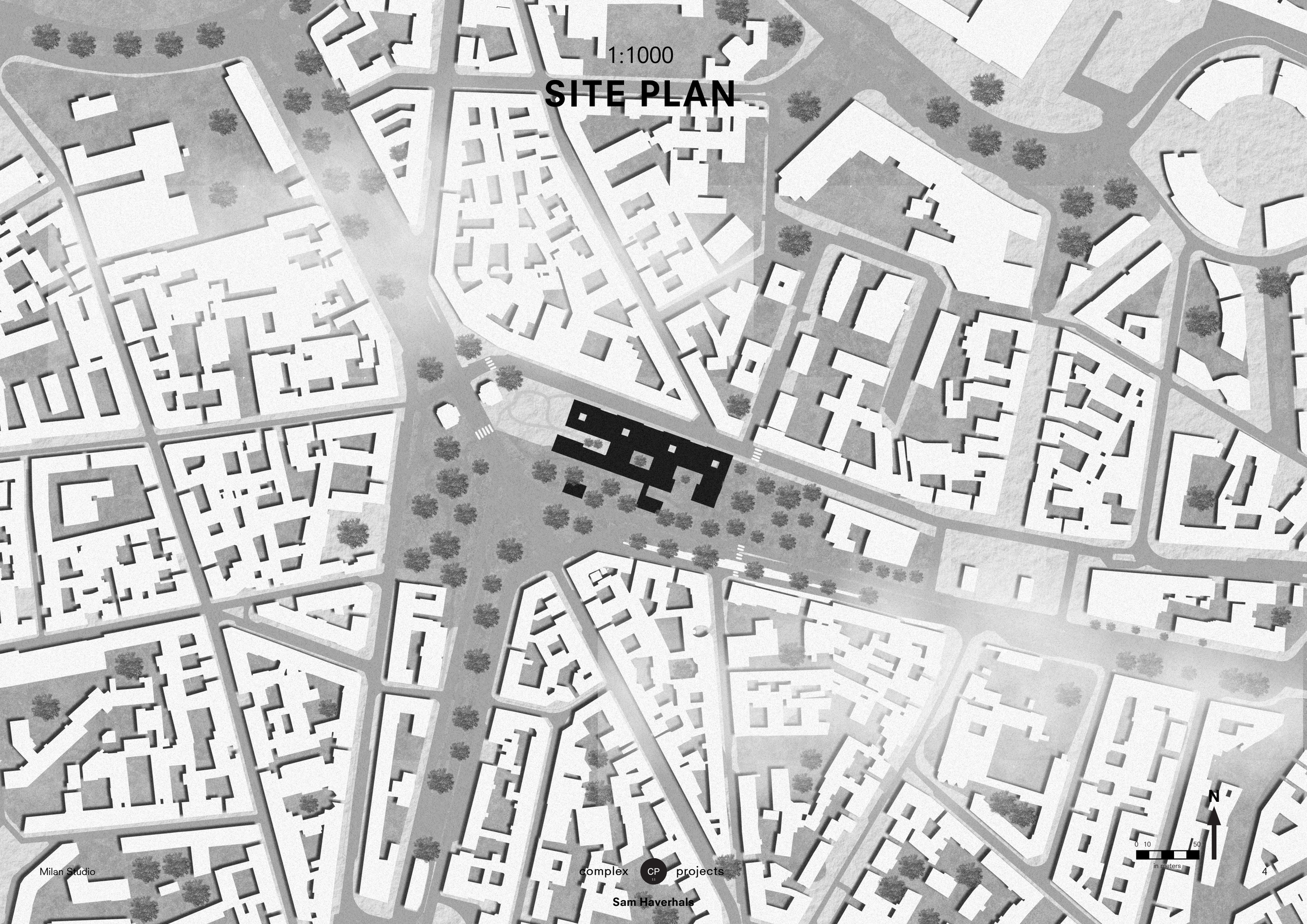
OVERVIEW

1:10.000

GROUP SITE PLAN EXISTING SITUATION

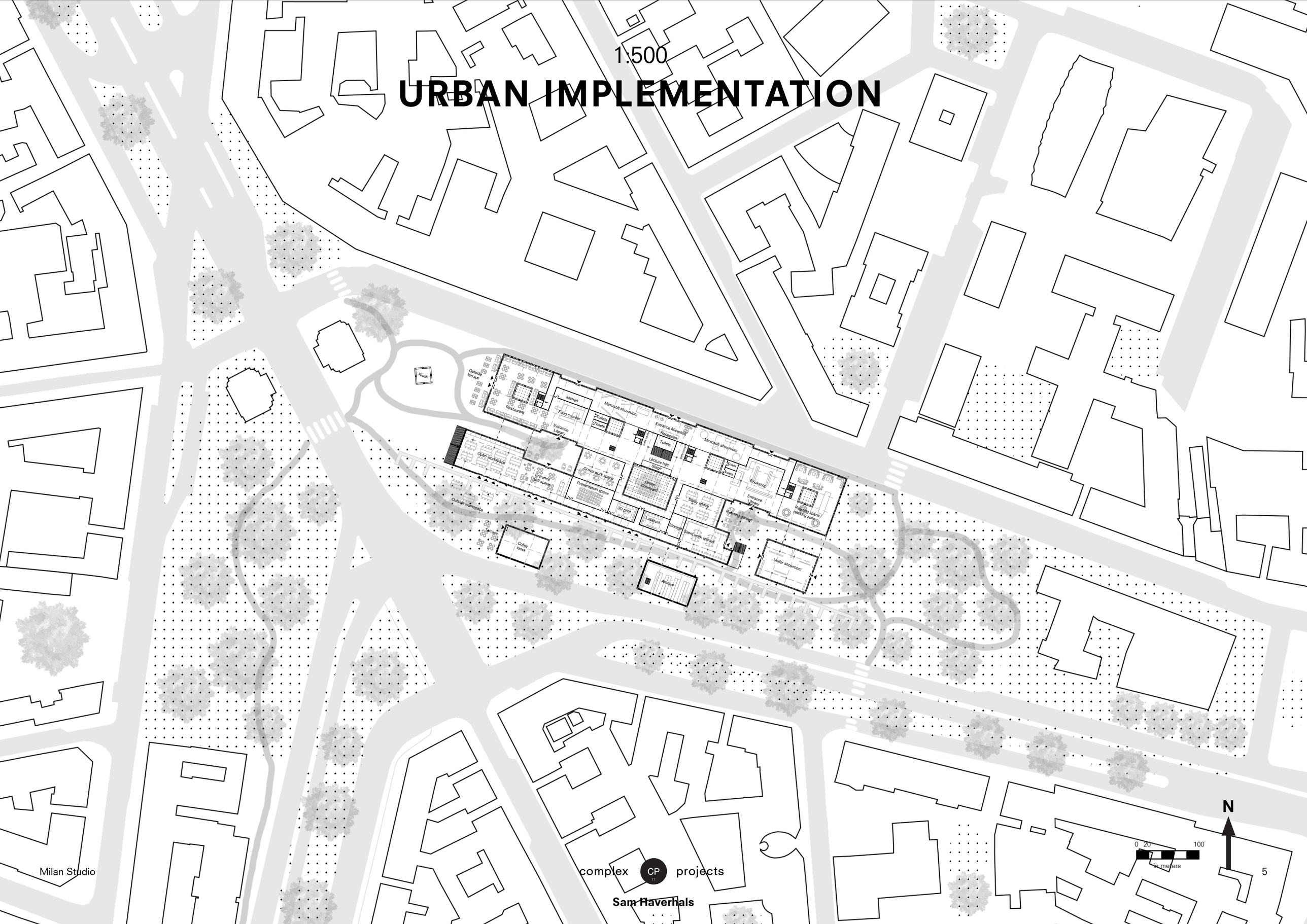
1:1000

SITE PLAN



1:500

URBAN IMPLEMENTATION



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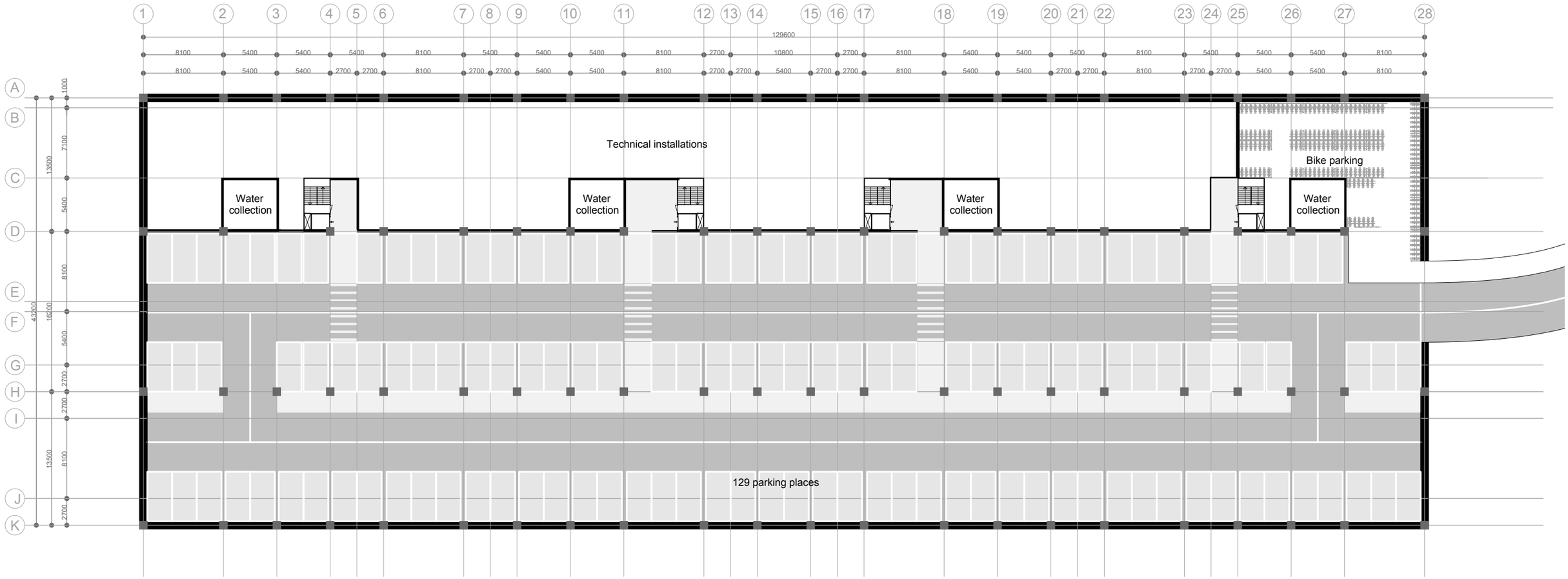
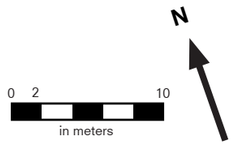
PARKING GARAGE





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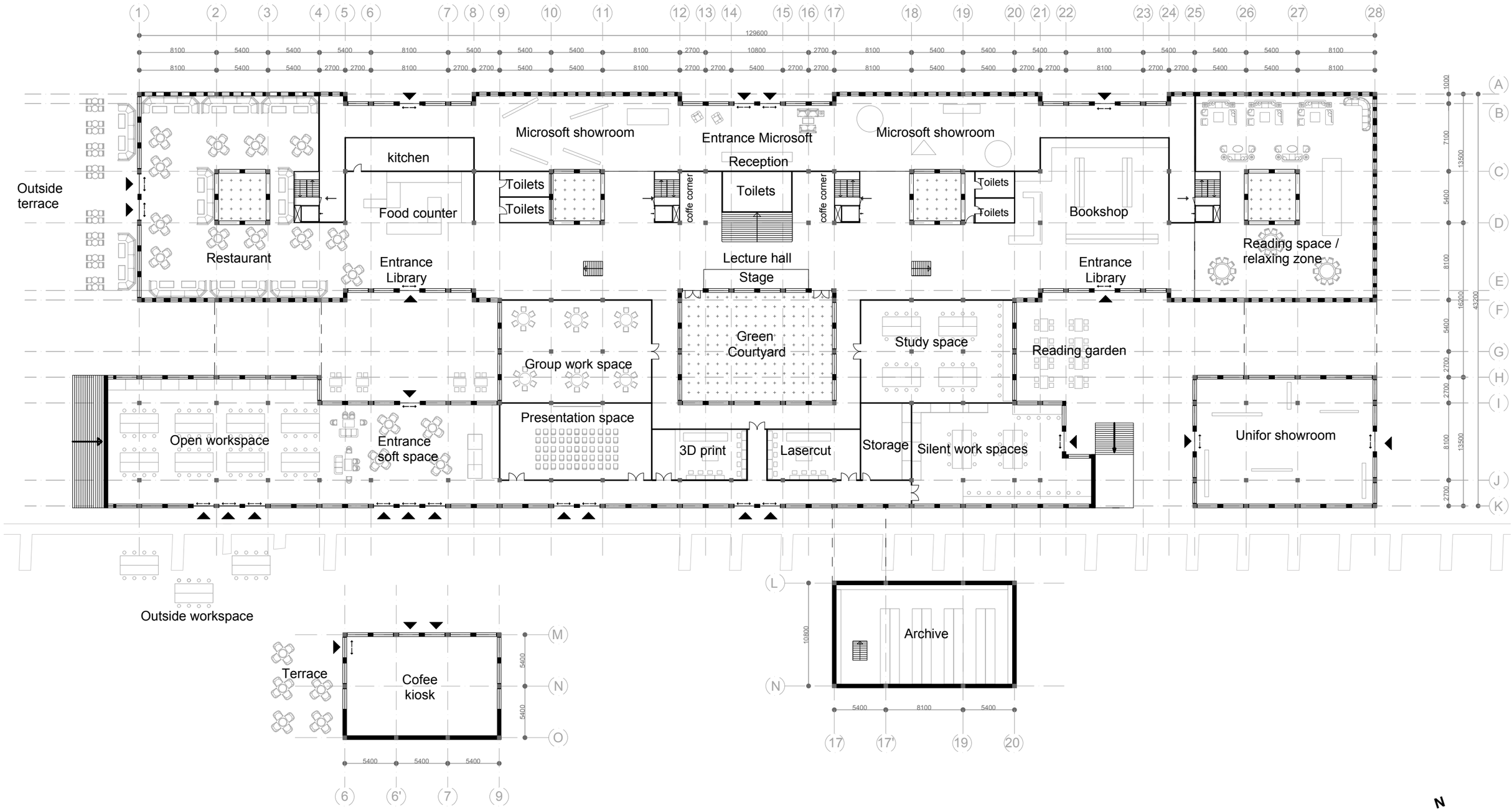
GROUND FLOOR



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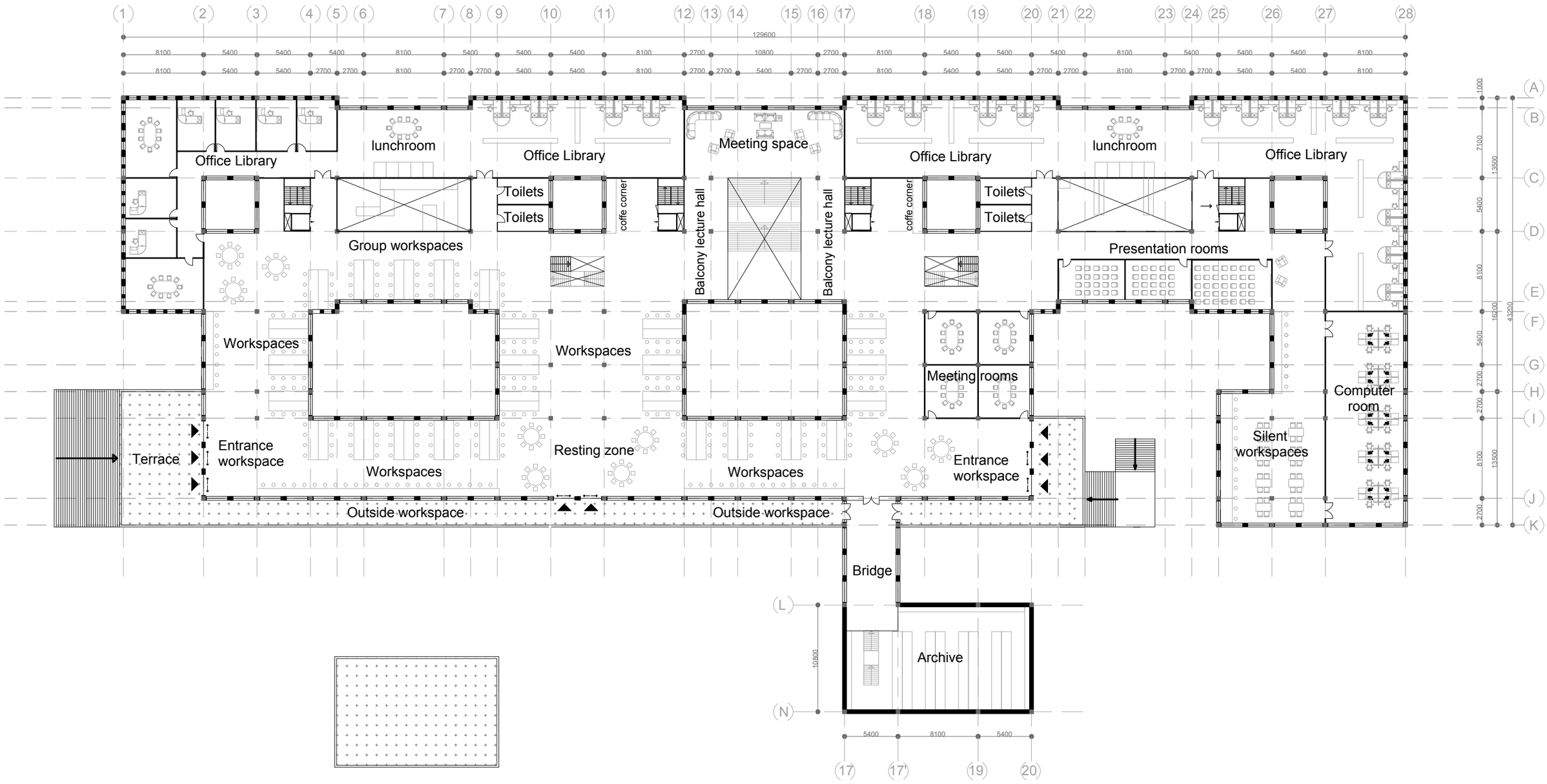
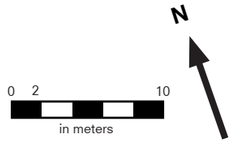
1:200

FIRST FLOOR





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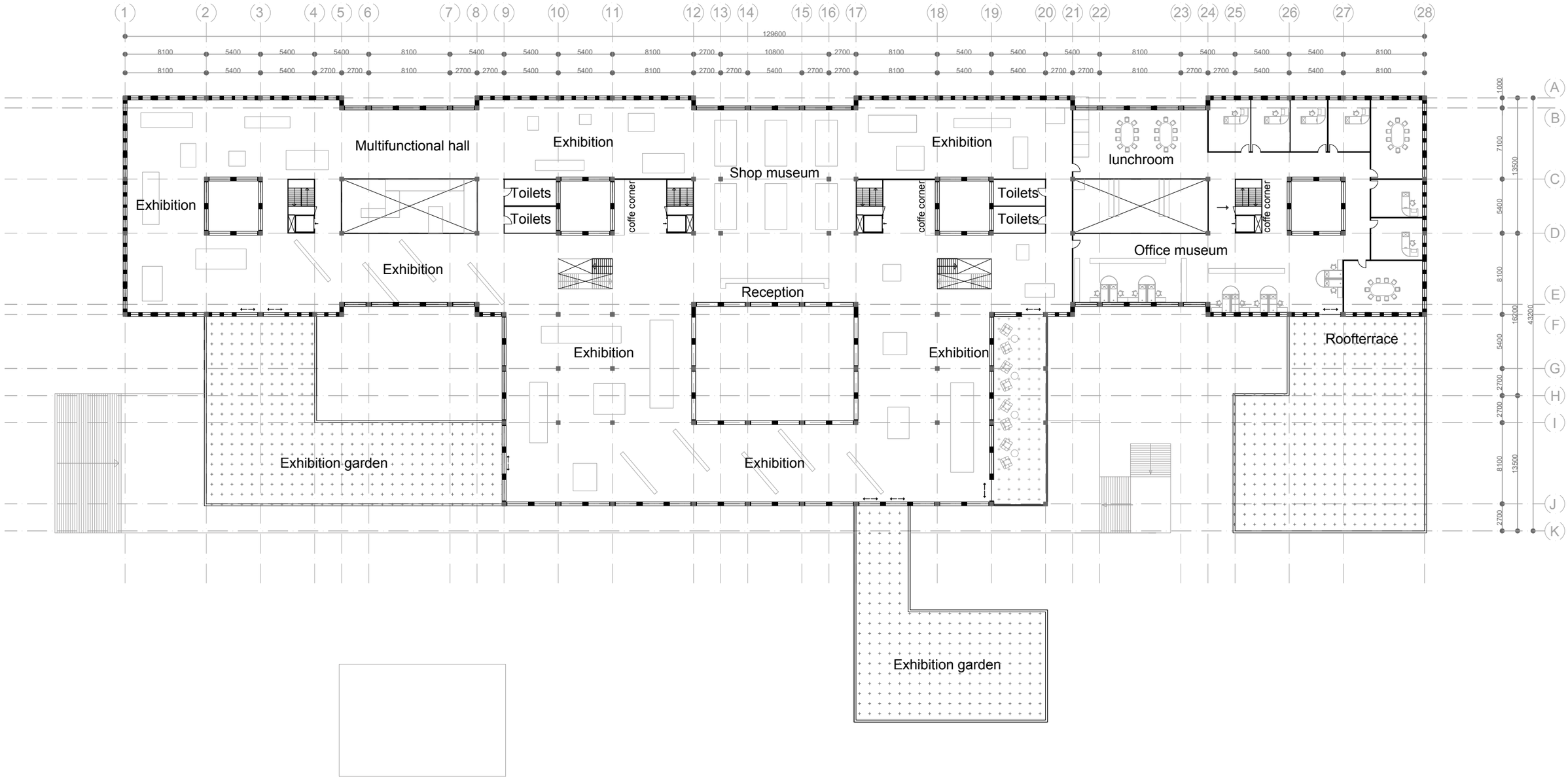
1:200

SECOND FLOOR



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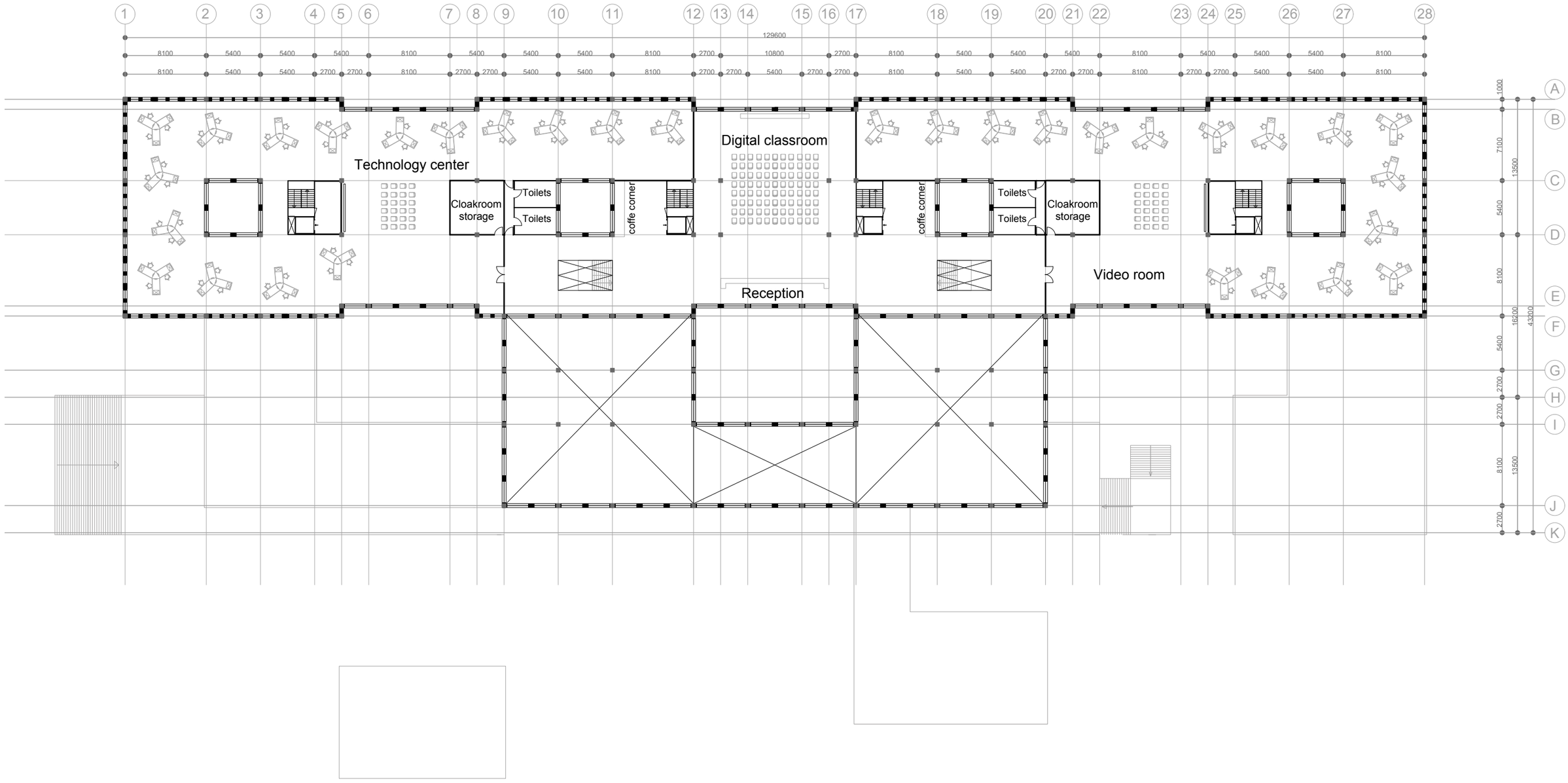
Multifunctional hall
Exhibition
Exhibition
Shop museum
Exhibition
lunchroom
Toilets
Toilets
coffe corner
coffe corner
Toilets
Toilets
Exhibition
Office museum
Reception
Exhibition
Exhibition
Roofterrace
Exhibition garden
Exhibition
Exhibition garden

1:200

THIRD FLOOR

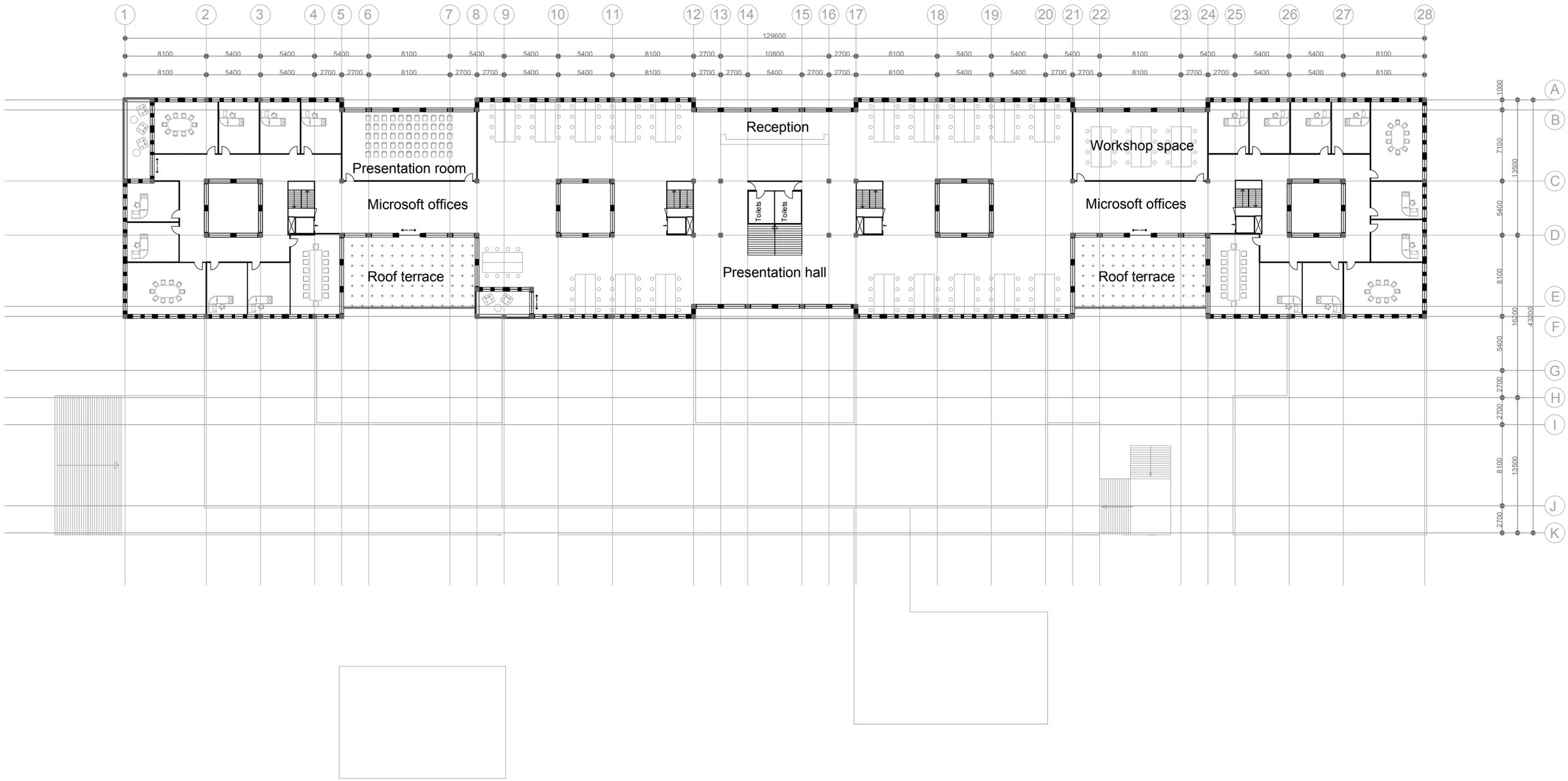


N

0 2 10
in meters

1:200

FOURTH FLOOR



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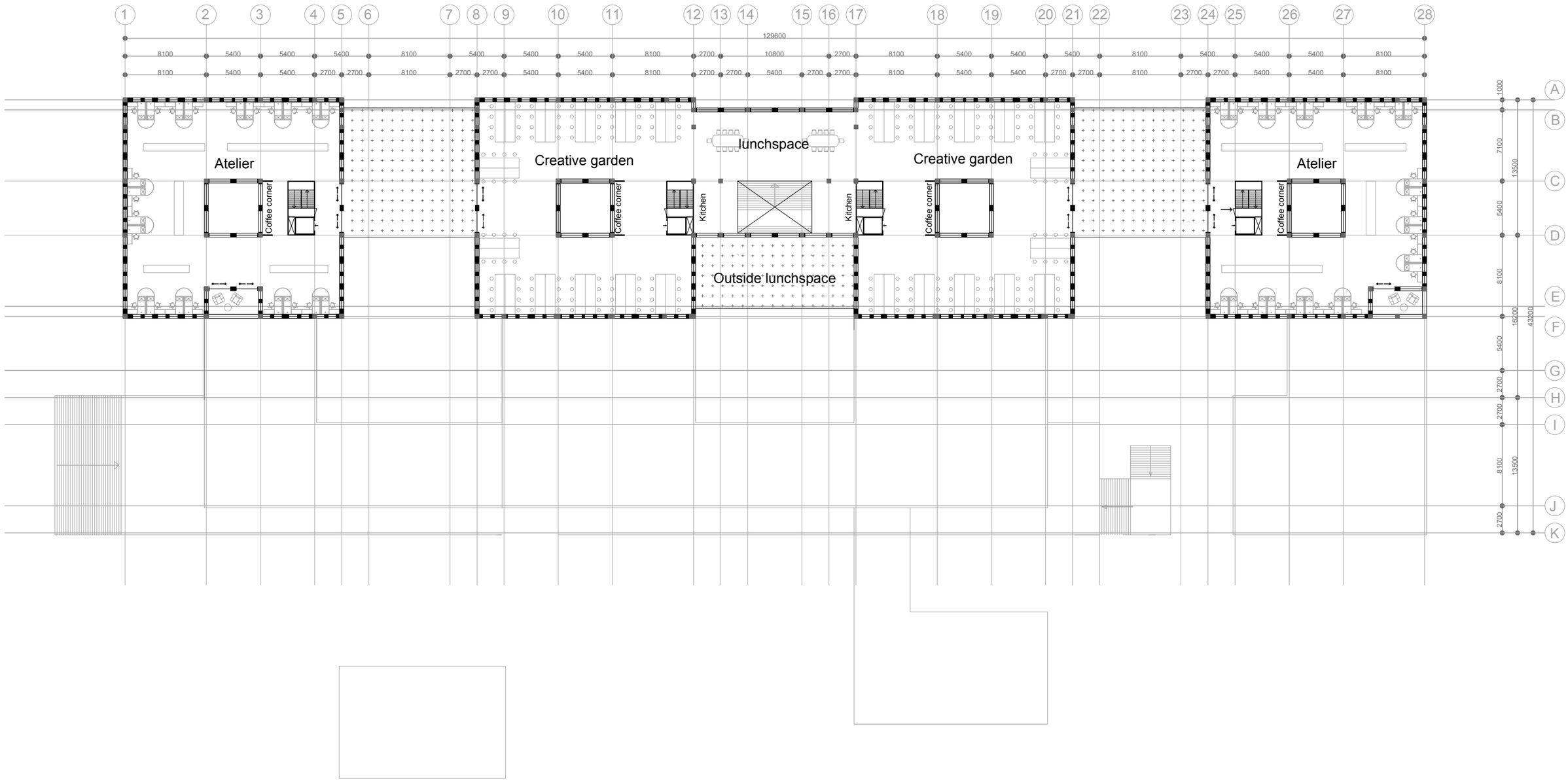
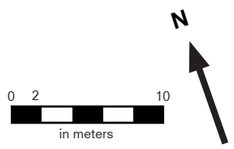
FIFTH FLOOR





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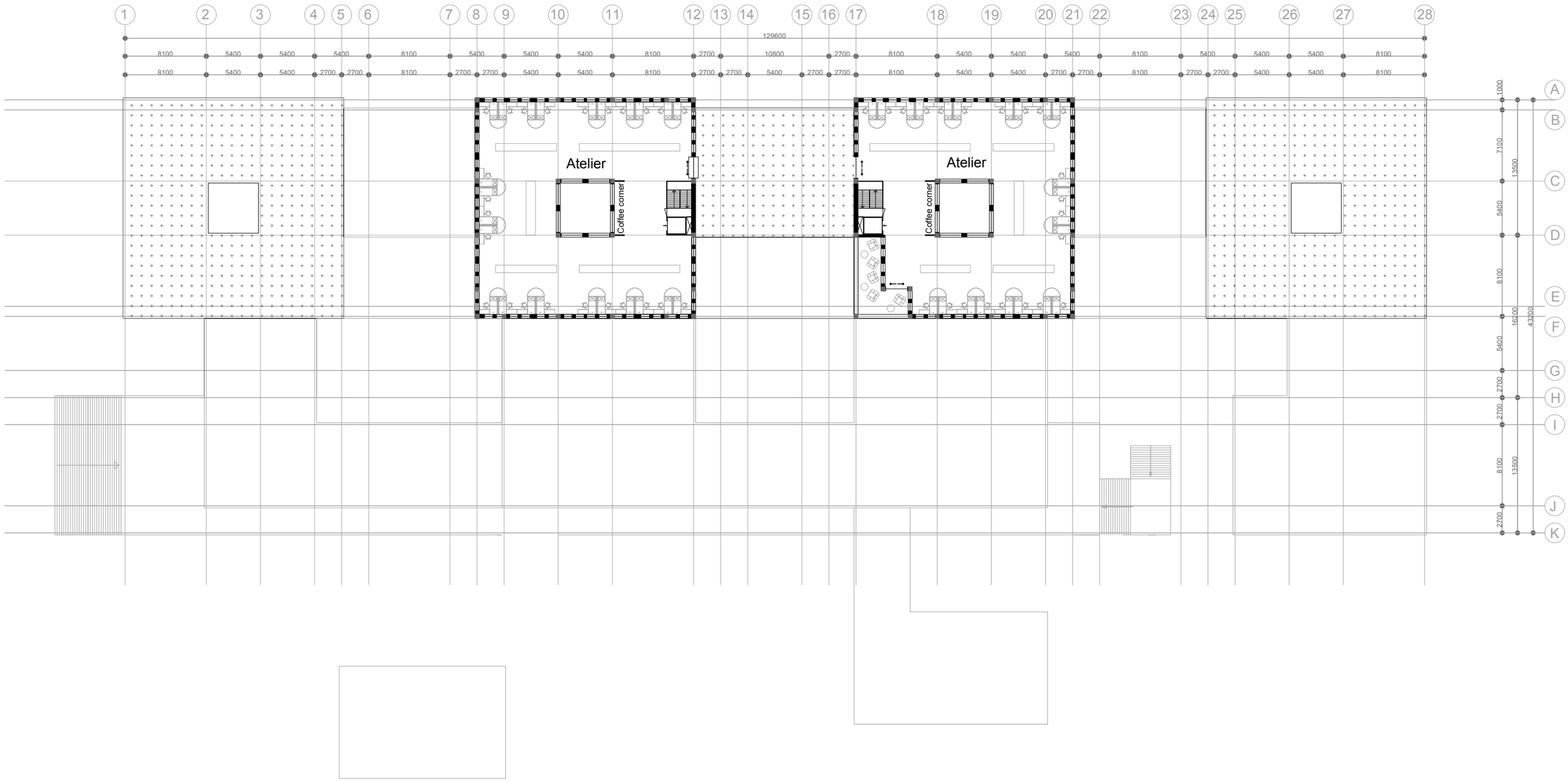
SIXTH FLOOR



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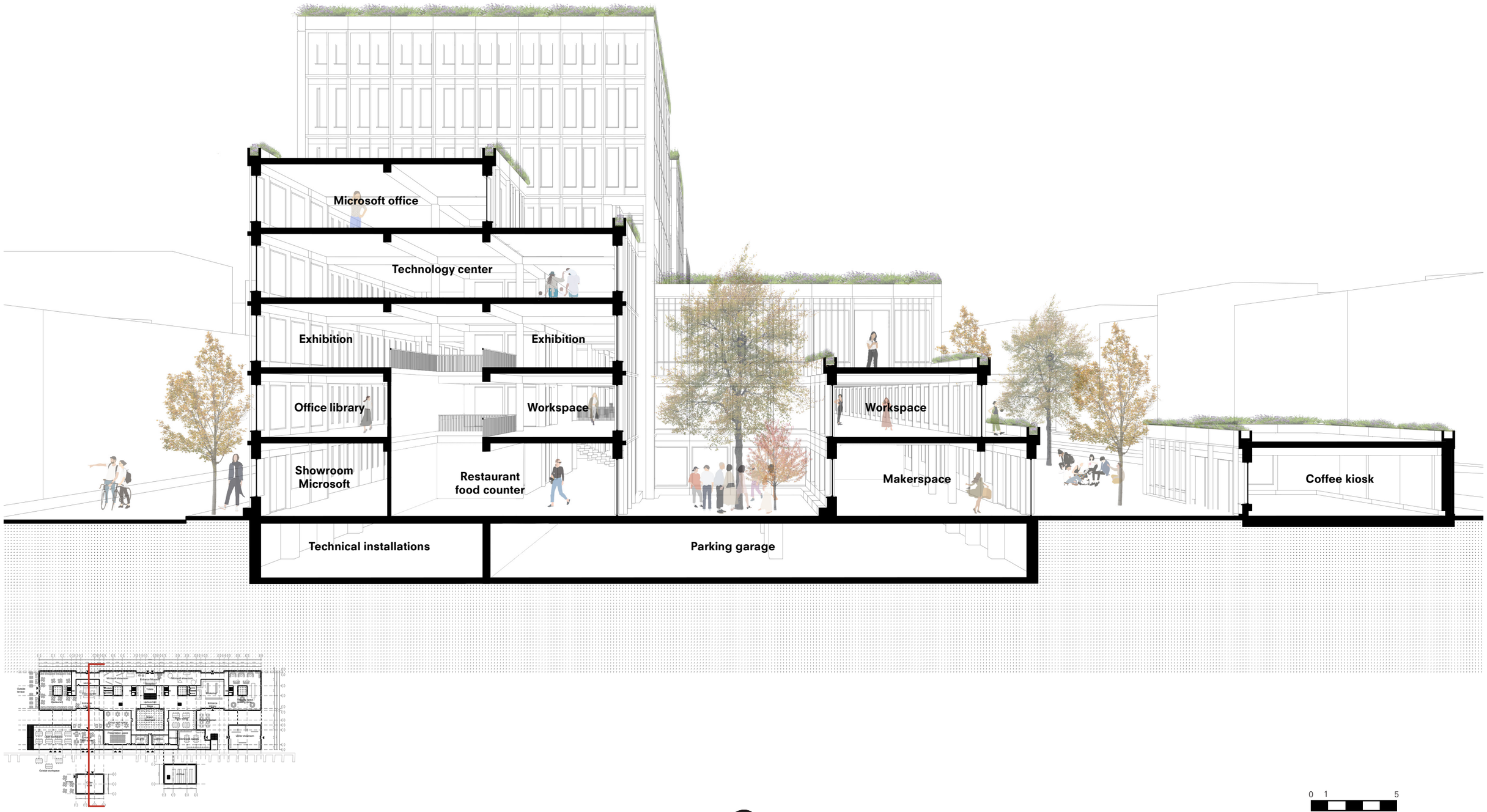
SECTION AA



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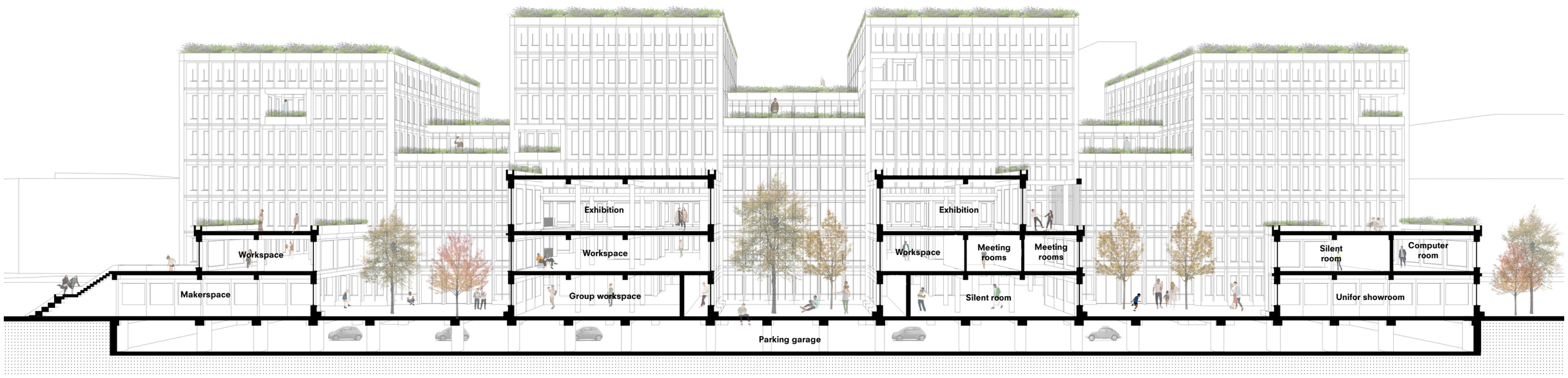
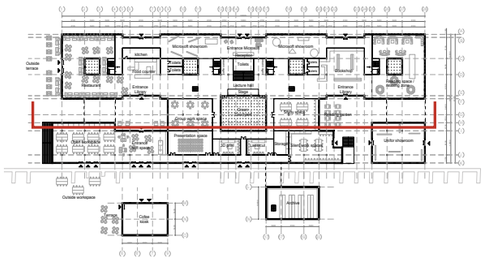
SECTION BB

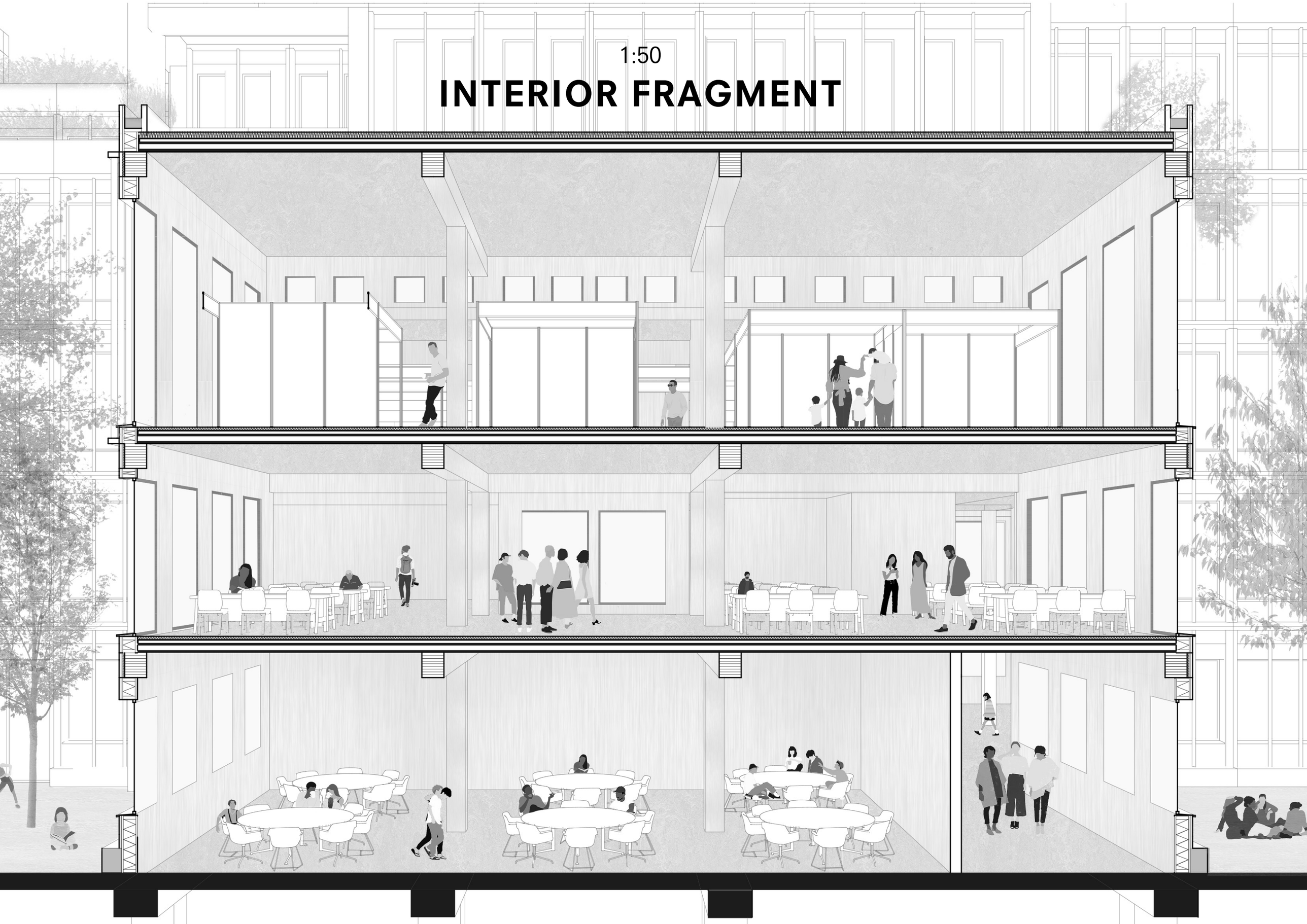




0 2 10
in meters

1:50

INTERIOR FRAGMENT



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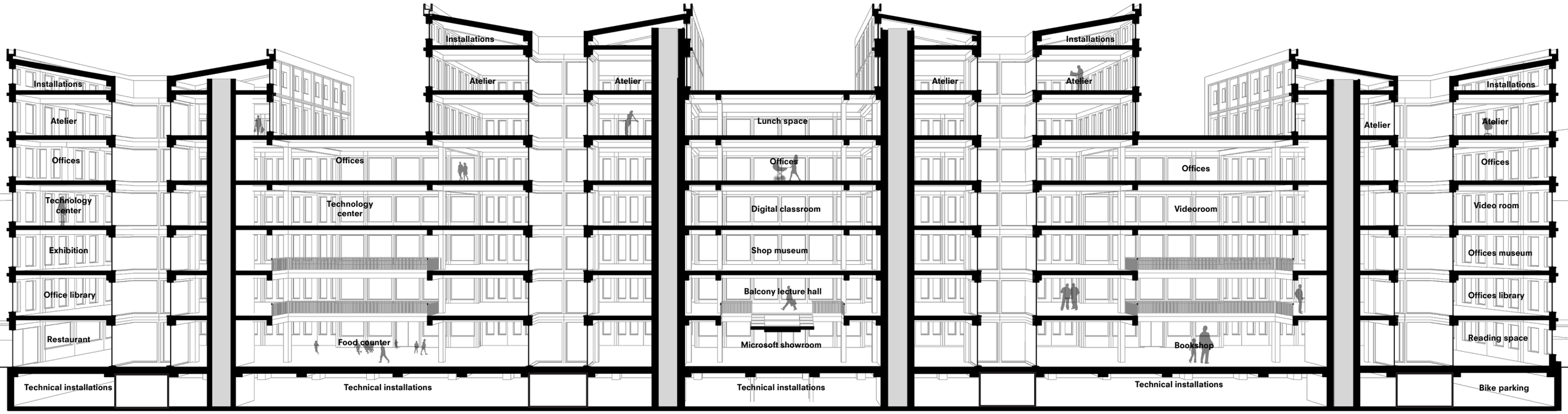
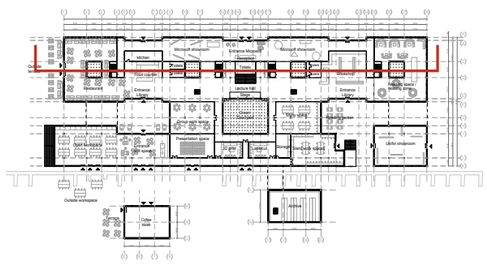
SECTION CC

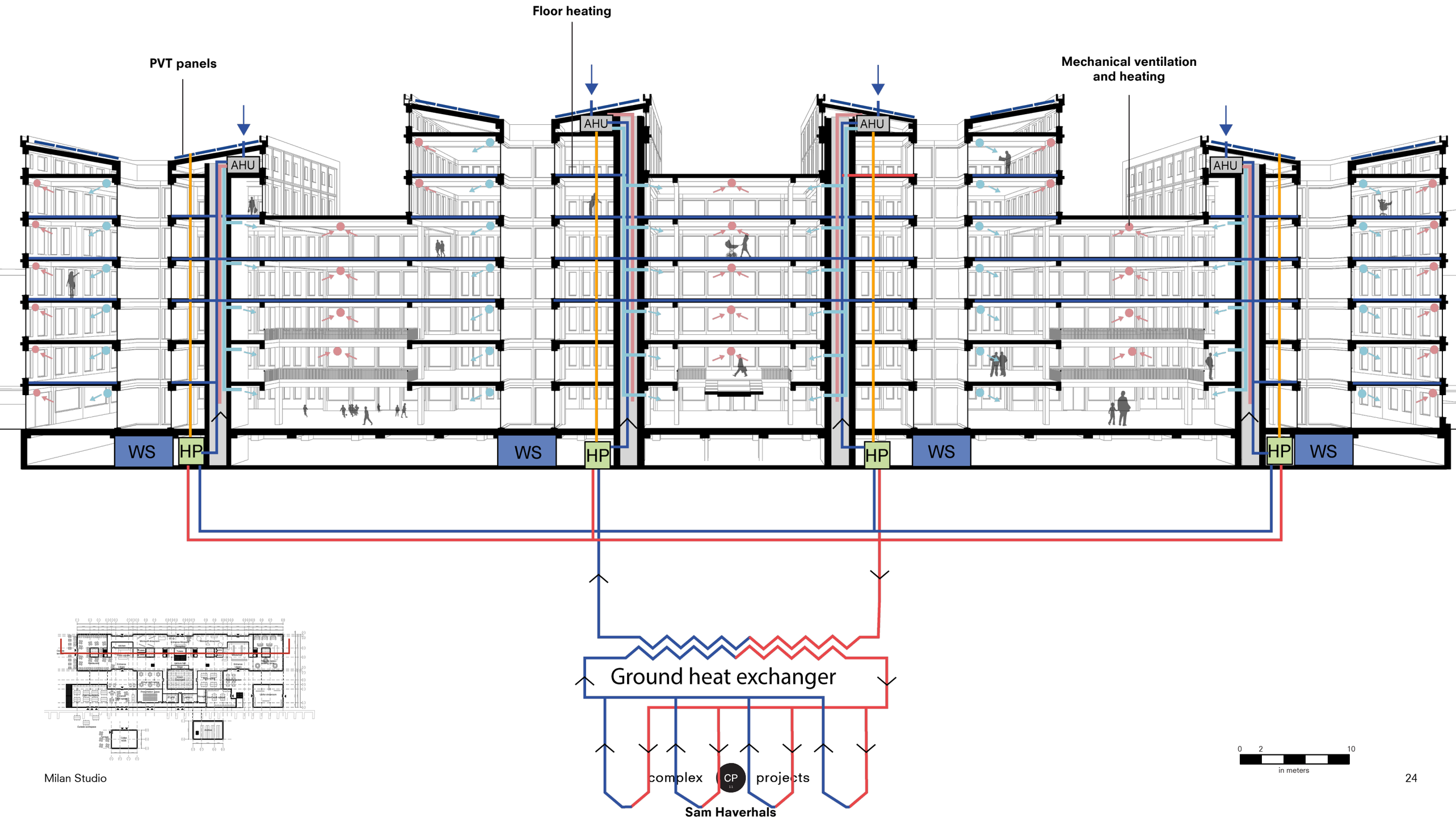




0 2 10
in meters

1:200

CLIMATE SECTION SUMMER



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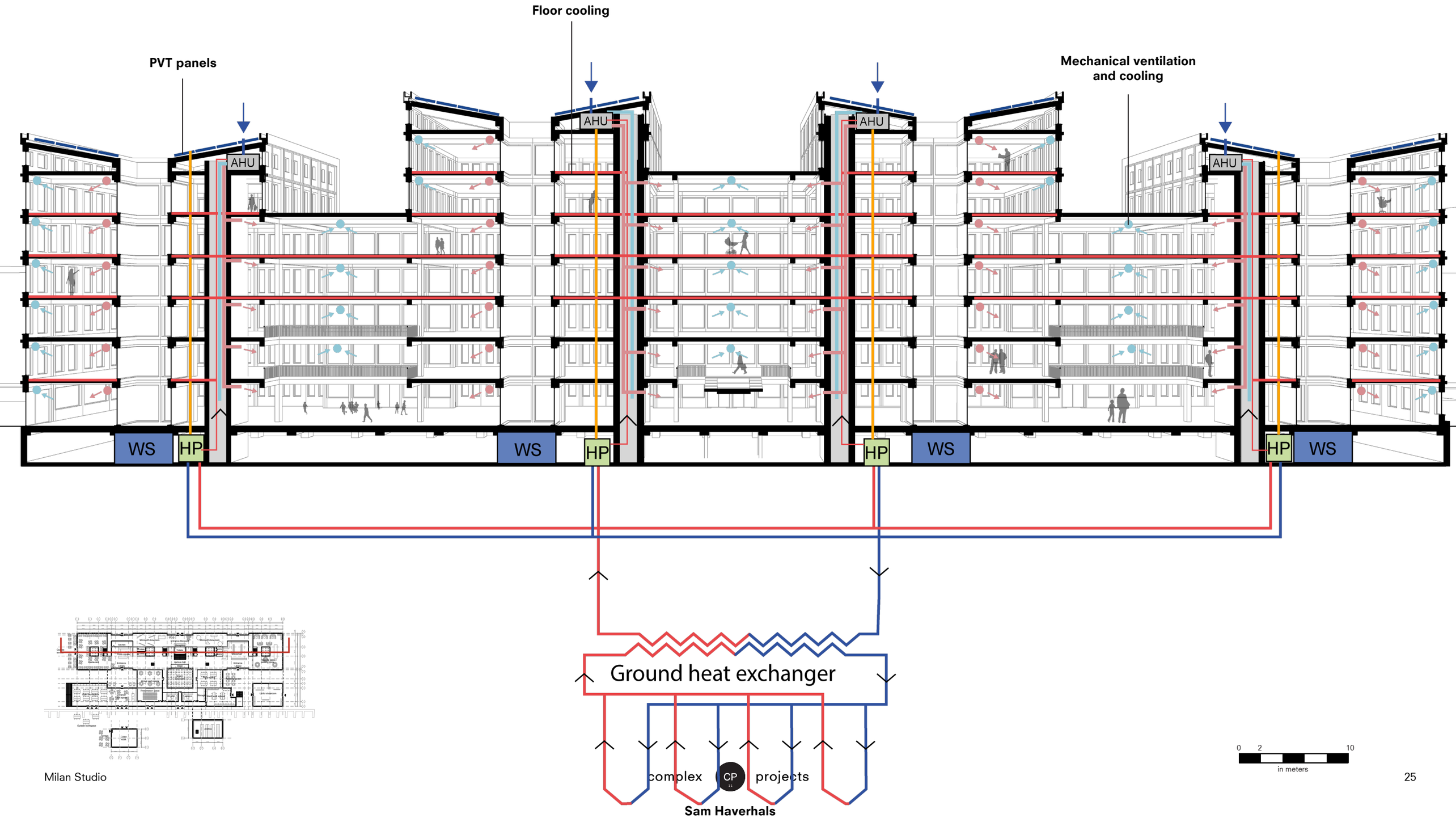
CLIMATE SECTION WINTER



Milan Studio

complex CP projects

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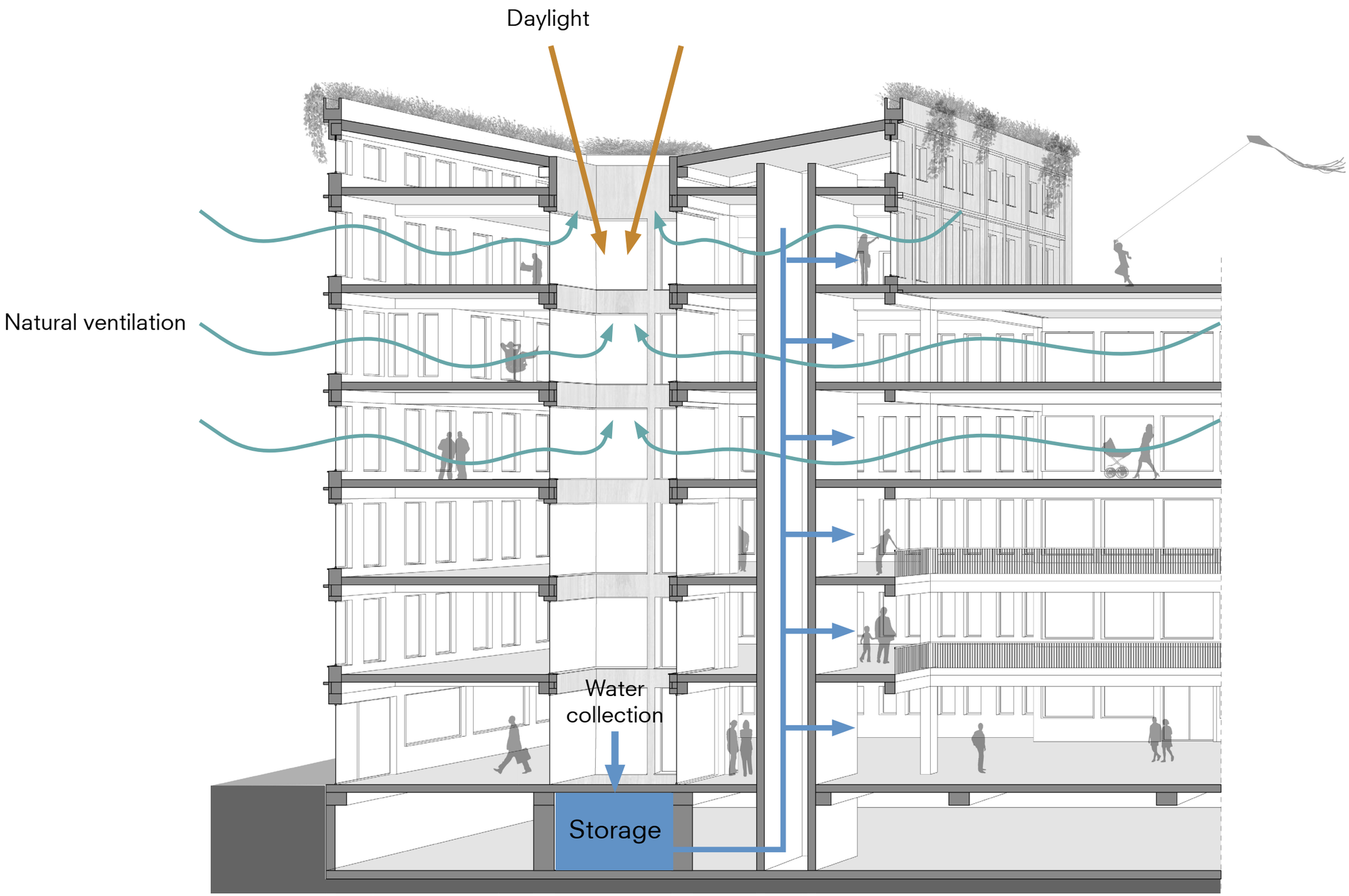
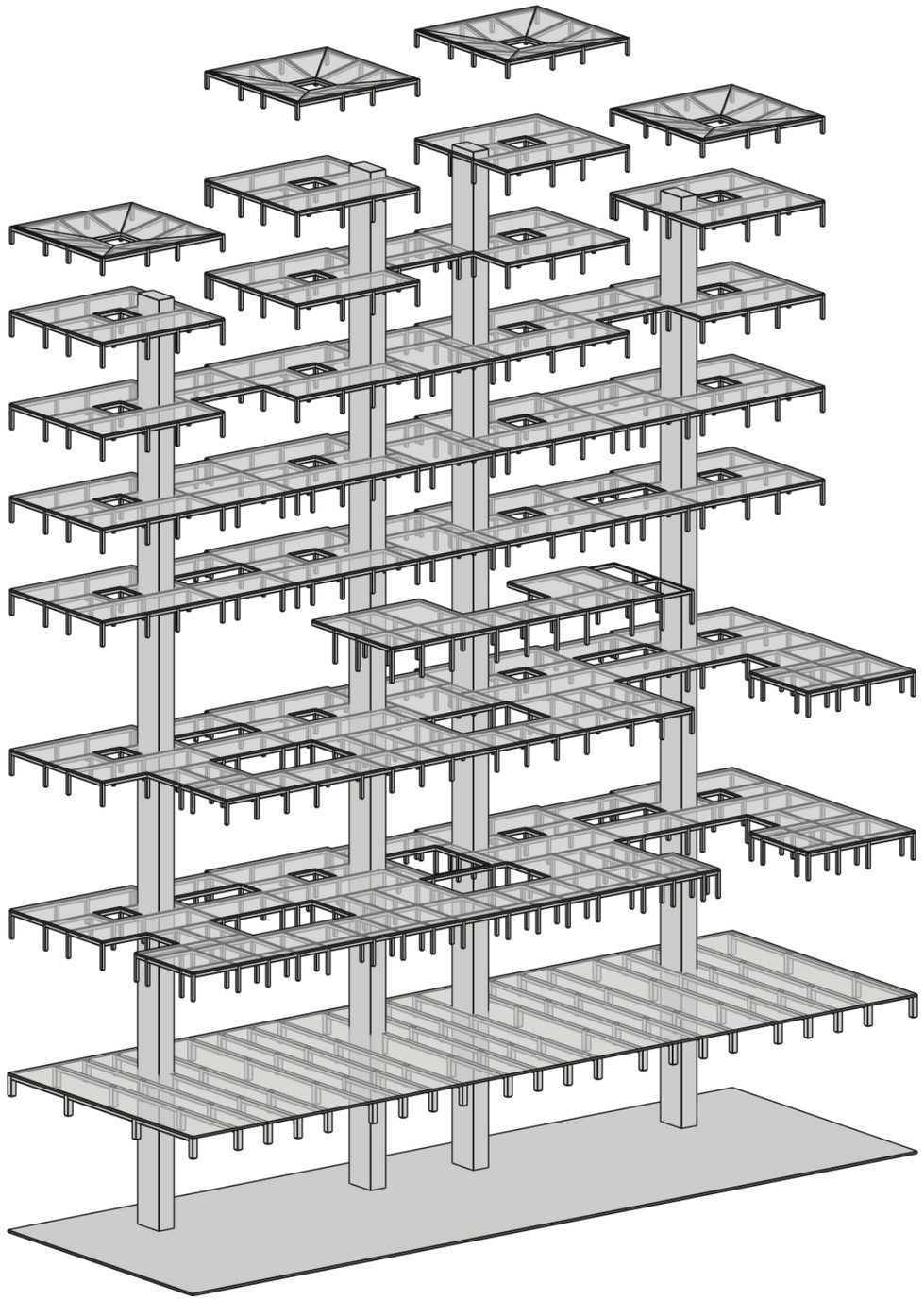
1:100

IMPLUVIUM AND CLIMATE



CONSTRUCTION AXONOMETRY



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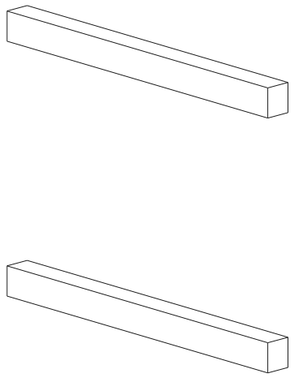
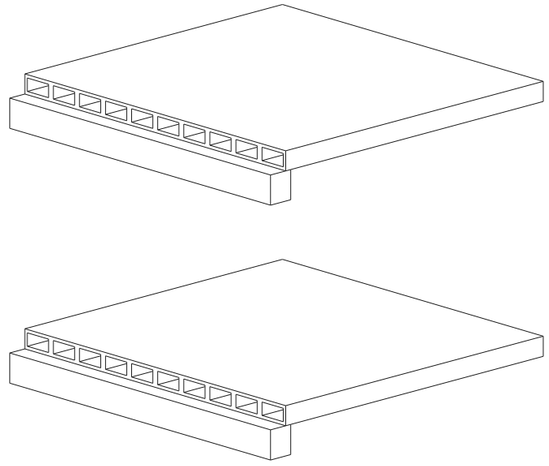
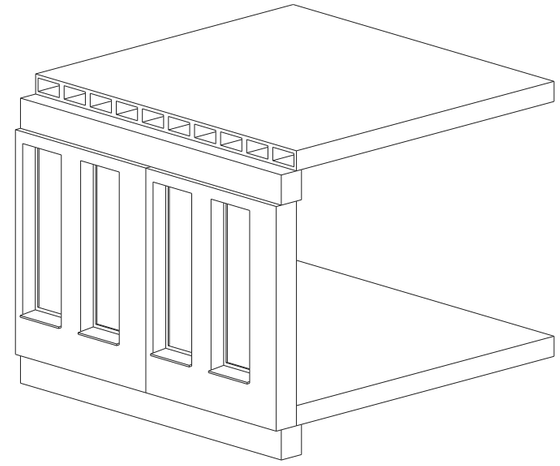
FACADE SYSTEM



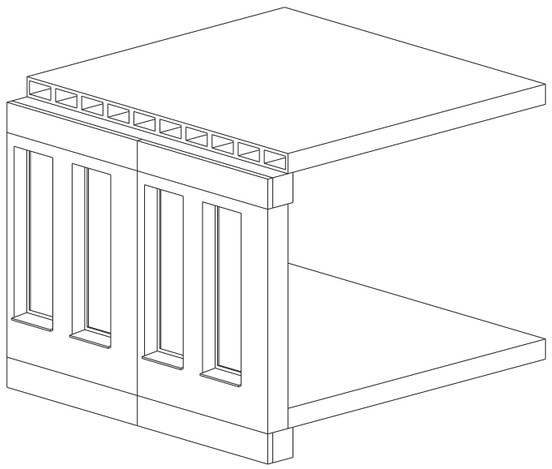
1. Construction



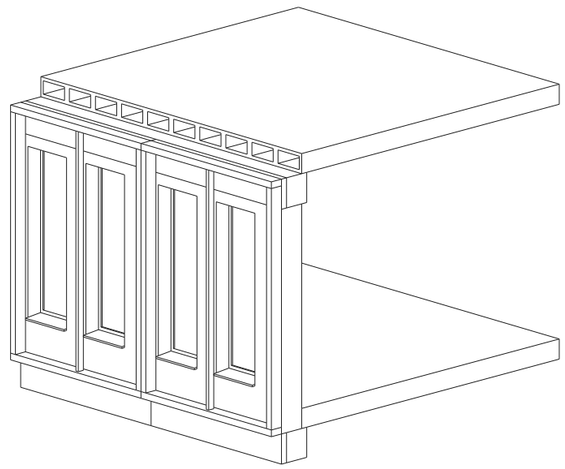
2. Floors



3. Prefabricated facade panels



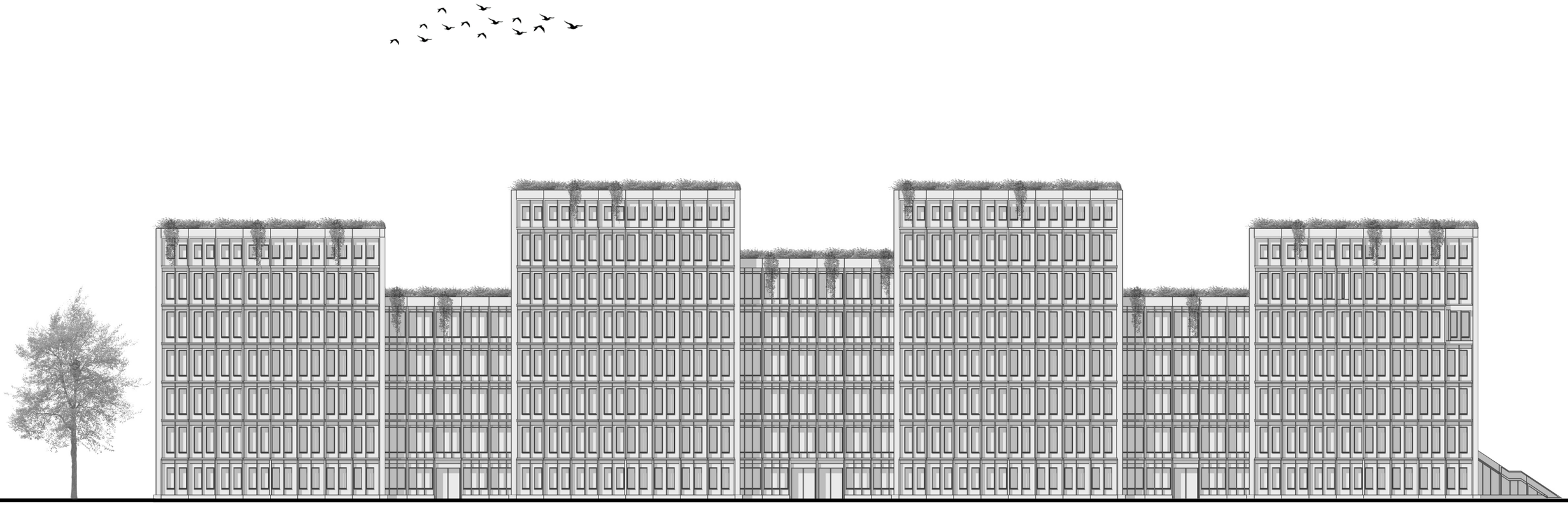
4. Thermal brackets



5. Prefabricated vertical fins

1:200

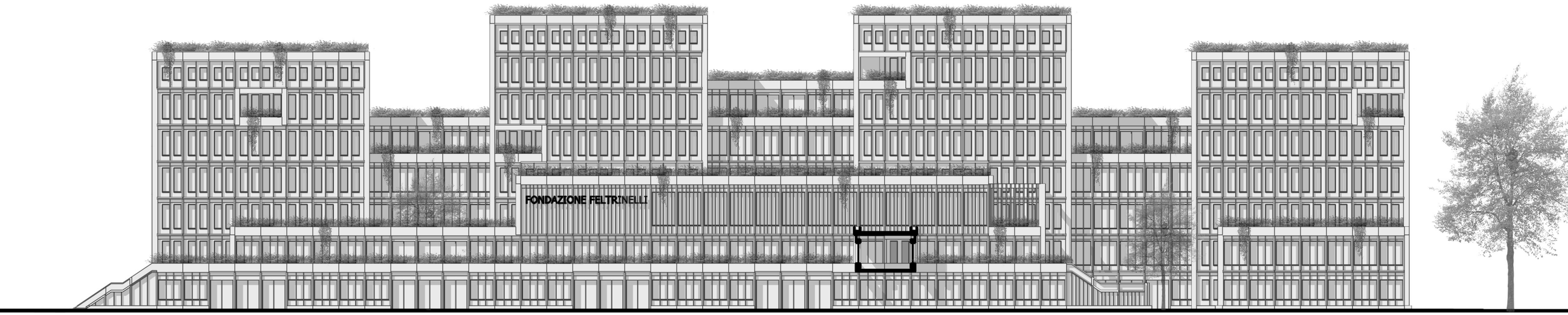
NORTH ELEVATION



0 2 10
in meters

1:200

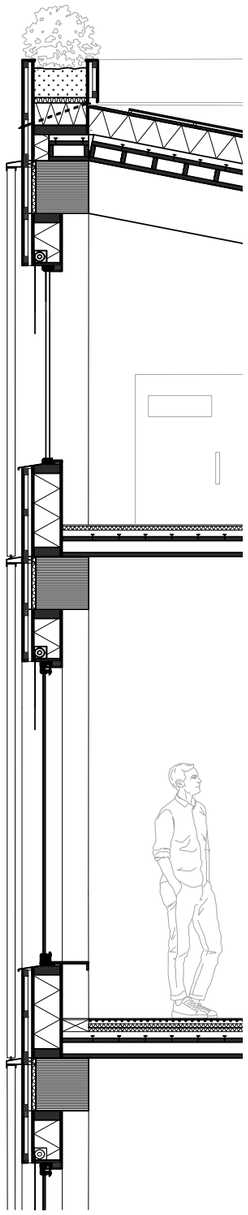
SOUTH ELEVATION



0 2 10
in meters

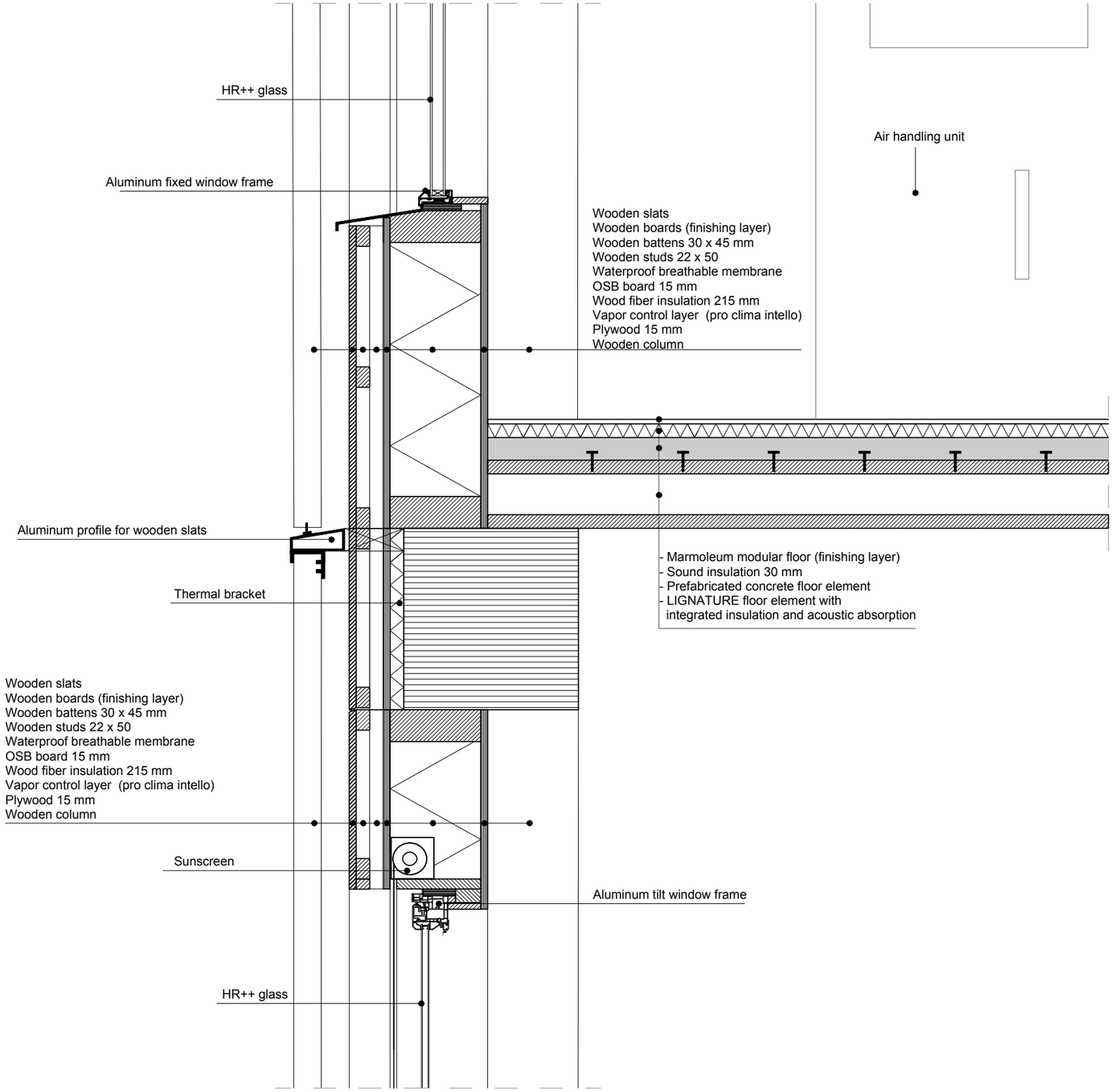
1:20

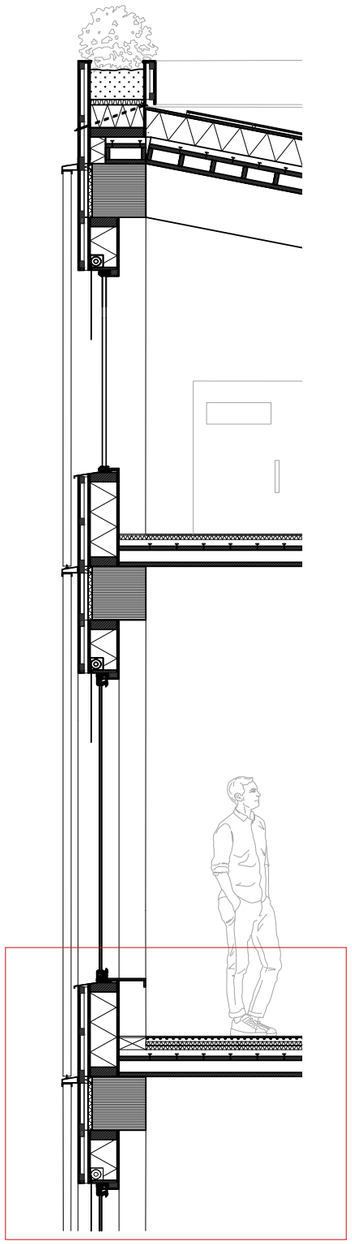
FACADE FRAGMENT



1:5

DETAIL 1


HR++ glass
Aluminum fixed window frame
Air handling unit
Wooden slats
Wooden boards (finishing layer)
Wooden battens 30 x 45 mm
Wooden studs 22 x 50
Waterproof breathable membrane
OSB board 15 mm
Wood fiber insulation 215 mm
Vapor control layer (pro clima intello)
Plywood 15 mm
Wooden column
Aluminum profile for wooden slats
Thermal bracket
- Marmoleum modular floor (finishing layer)
- Sound insulation 30 mm
- Prefabricated concrete floor element
- LIGNATURE floor element with
integrated insulation and acoustic absorption
Wooden slats
Wooden boards (finishing layer)
Wooden battens 30 x 45 mm
Wooden studs 22 x 50
Waterproof breathable membrane
OSB board 15 mm
Wood fiber insulation 215 mm
Vapor control layer (pro clima intello)
Plywood 15 mm
Wooden column
Sunscreen
Aluminum tilt window frame
HR++ glass



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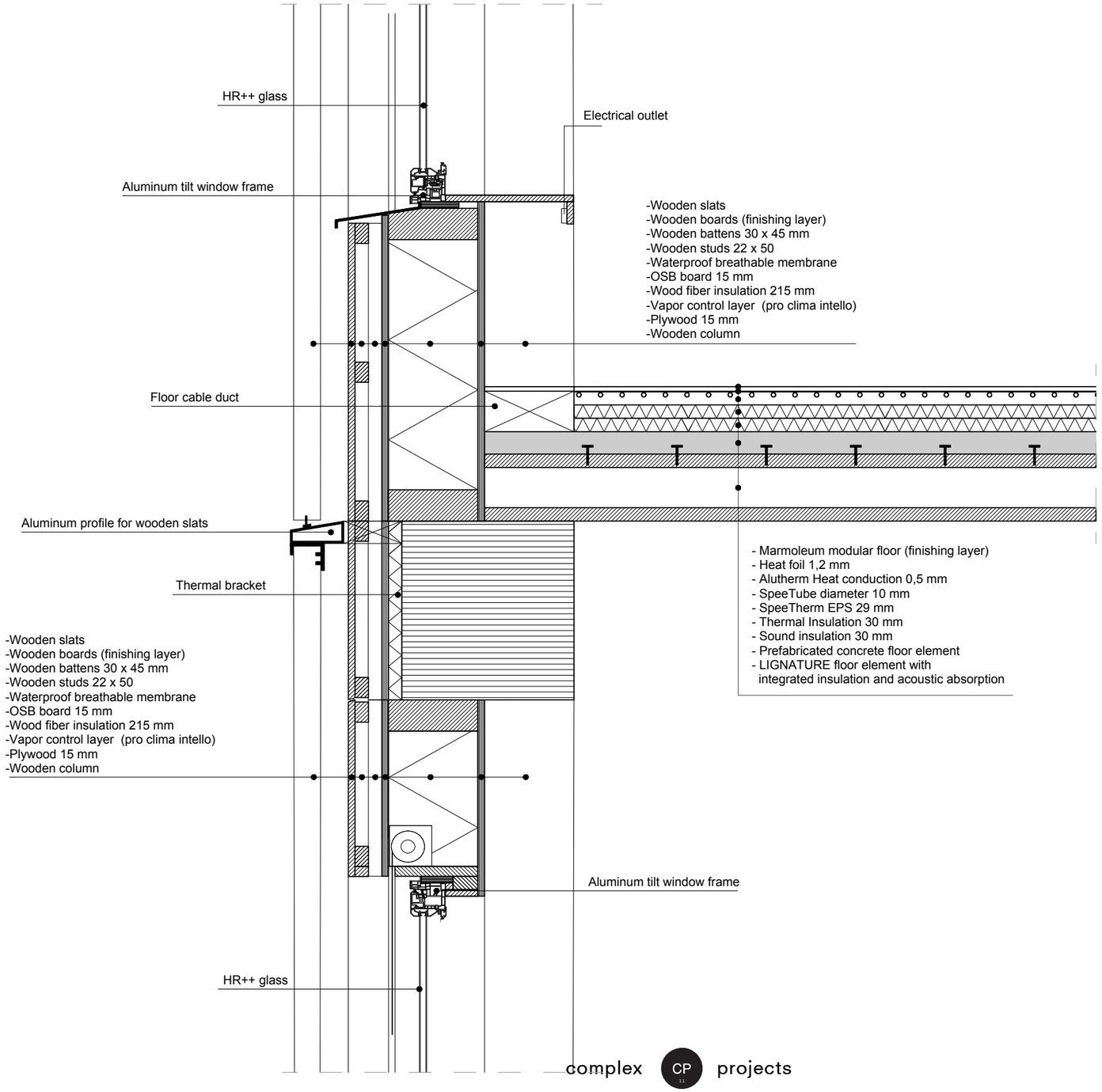
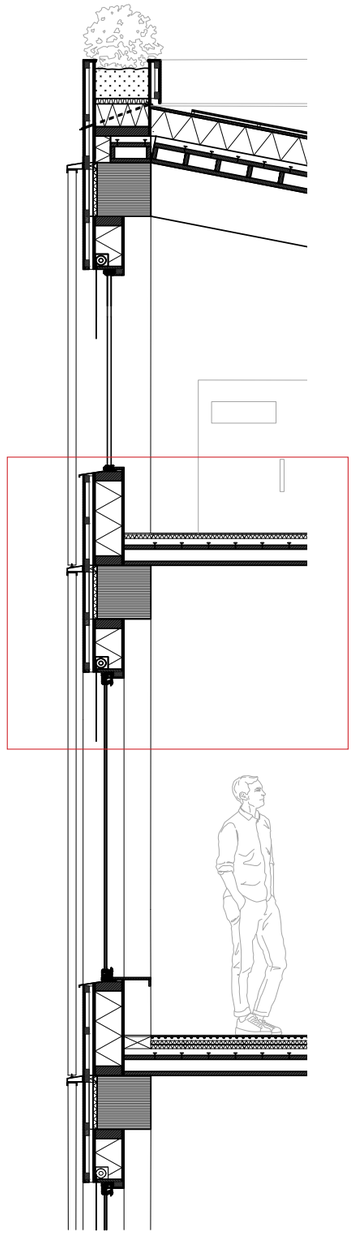
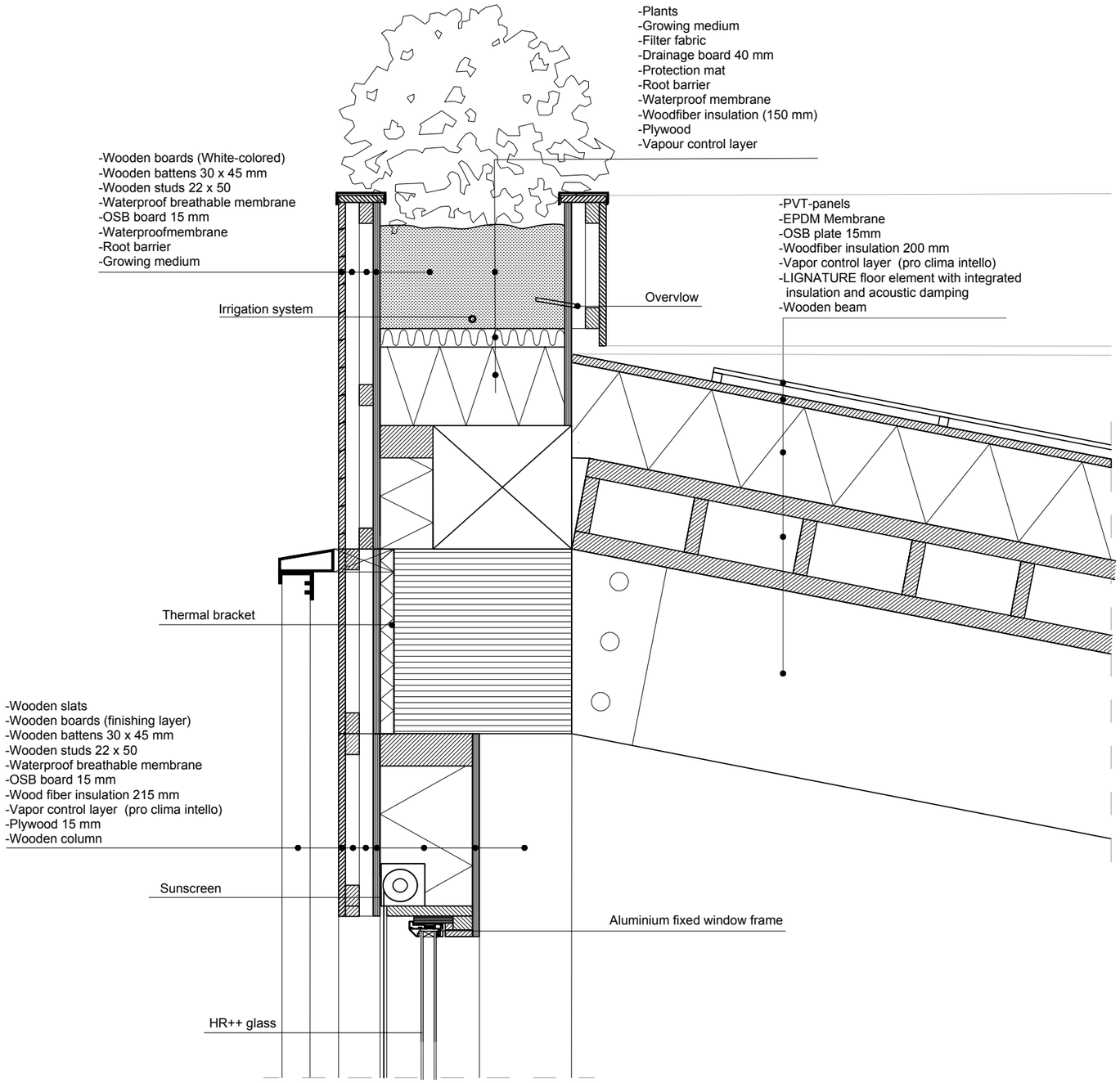
DETAIL 2


HR++ glass
Electrical outlet
Aluminum tilt window frame
-Wooden slats
-Wooden boards (finishing layer)
-Wooden battens 30 x 45 mm
-Wooden studs 22 x 50
-Waterproof breathable membrane
-OSB board 15 mm
-Wood fiber insulation 215 mm
-Vapor control layer (pro clima intello)
-Plywood 15 mm
-Wooden column
Floor cable duct
Aluminum profile for wooden slats
Thermal bracket
- Marmoleum modular floor (finishing layer)
- Heat foil 1,2 mm
- Alutherm Heat conduction 0,5 mm
- SpeeTube diameter 10 mm
- SpeeTherm EPS 29 mm
- Thermal Insulation 30 mm
- Sound insulation 30 mm
- Prefabricated concrete floor element
- LIGNATURE floor element with
integrated insulation and acoustic absorption
-Wooden slats
-Wooden boards (finishing layer)
-Wooden battens 30 x 45 mm
-Wooden studs 22 x 50
-Waterproof breathable membrane
-OSB board 15 mm
-Wood fiber insulation 215 mm
-Vapor control layer (pro clima intello)
-Plywood 15 mm
-Wooden column
Aluminum tilt window frame
HR++ glass



1:5

DETAIL 3


-Plants
-Growing medium
-Filter fabric
-Drainage board 40 mm
-Protection mat
-Root barrier
-Waterproof membrane
-Woodfiber insulation (150 mm)
-Plywood
-Vapour control layer
-Wooden boards (White-colored)
-Wooden battens 30 x 45 mm
-Wooden studs 22 x 50
-Waterproof breathable membrane
-OSB board 15 mm
-Waterproofmembrane
-Root barrier
-Growing medium
-PVT-panels
-EPDM Membrane
-OSB plate 15mm
-Woodfiber insulation 200 mm
-Vapor control layer (pro clima intello)
-LIGNATURE floor element with integrated insulation and acoustic damping
-Wooden beam
Irrigation system
Overvlow
Thermal bracket
-Wooden slats
-Wooden boards (finishing layer)
-Wooden battens 30 x 45 mm
-Wooden studs 22 x 50
-Waterproof breathable membrane
-OSB board 15 mm
-Wood fiber insulation 215 mm
-Vapor control layer (pro clima intello)
-Plywood 15 mm
-Wooden column
Sunscreen
Aluminium fixed window frame
HR++ glass