

DRAWING SET --- P5

TARWEWIJK MOBILITY HUB_COLLAGE CITY

Hotel New York



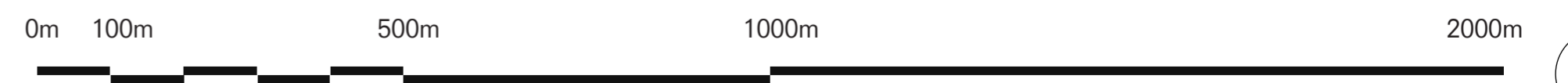
Complex Projects - Wenshun Cui - 5049121

06/2021

fall semester

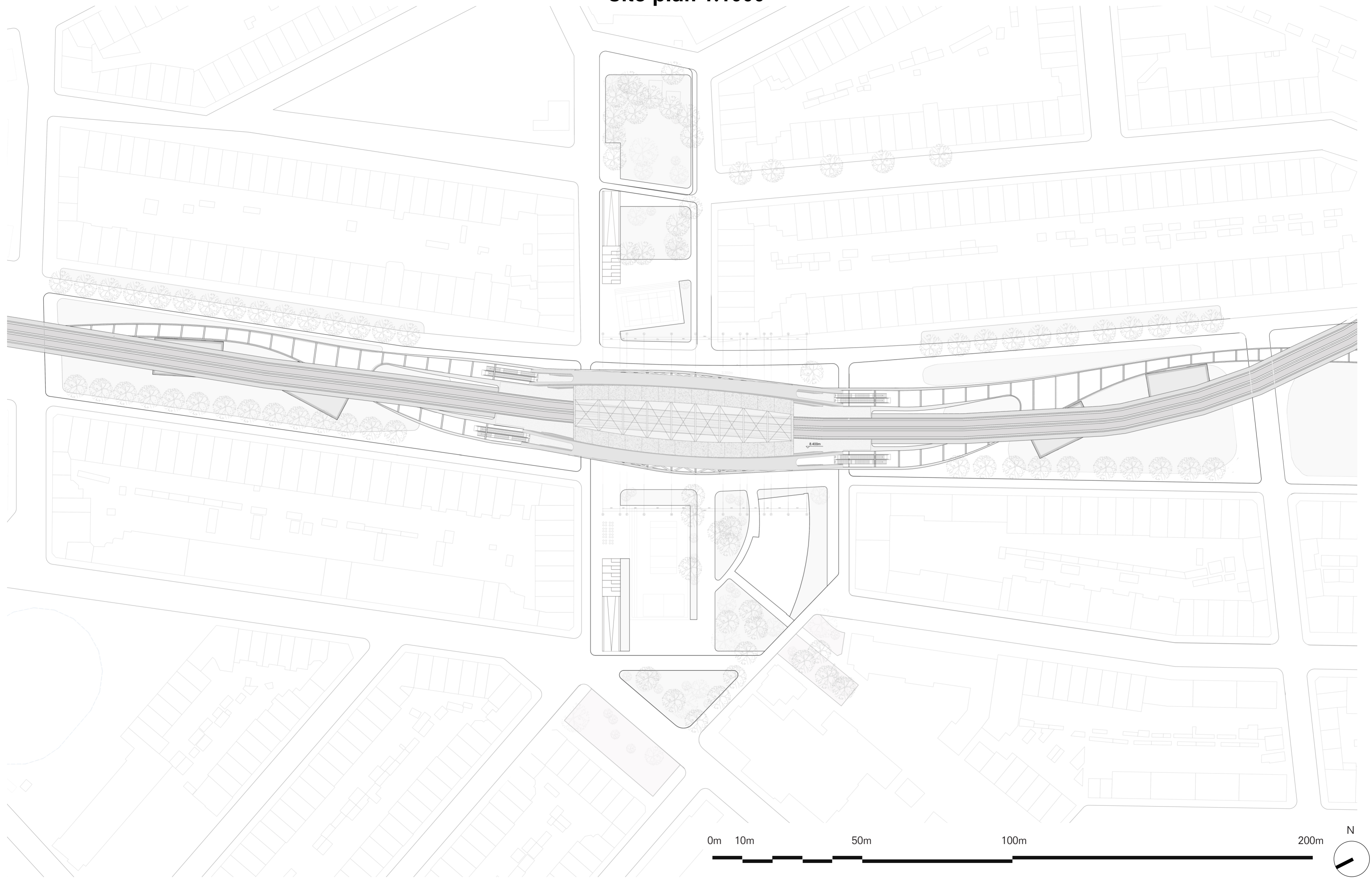
Drawing set

Group site plan 1:10000



Drawing set

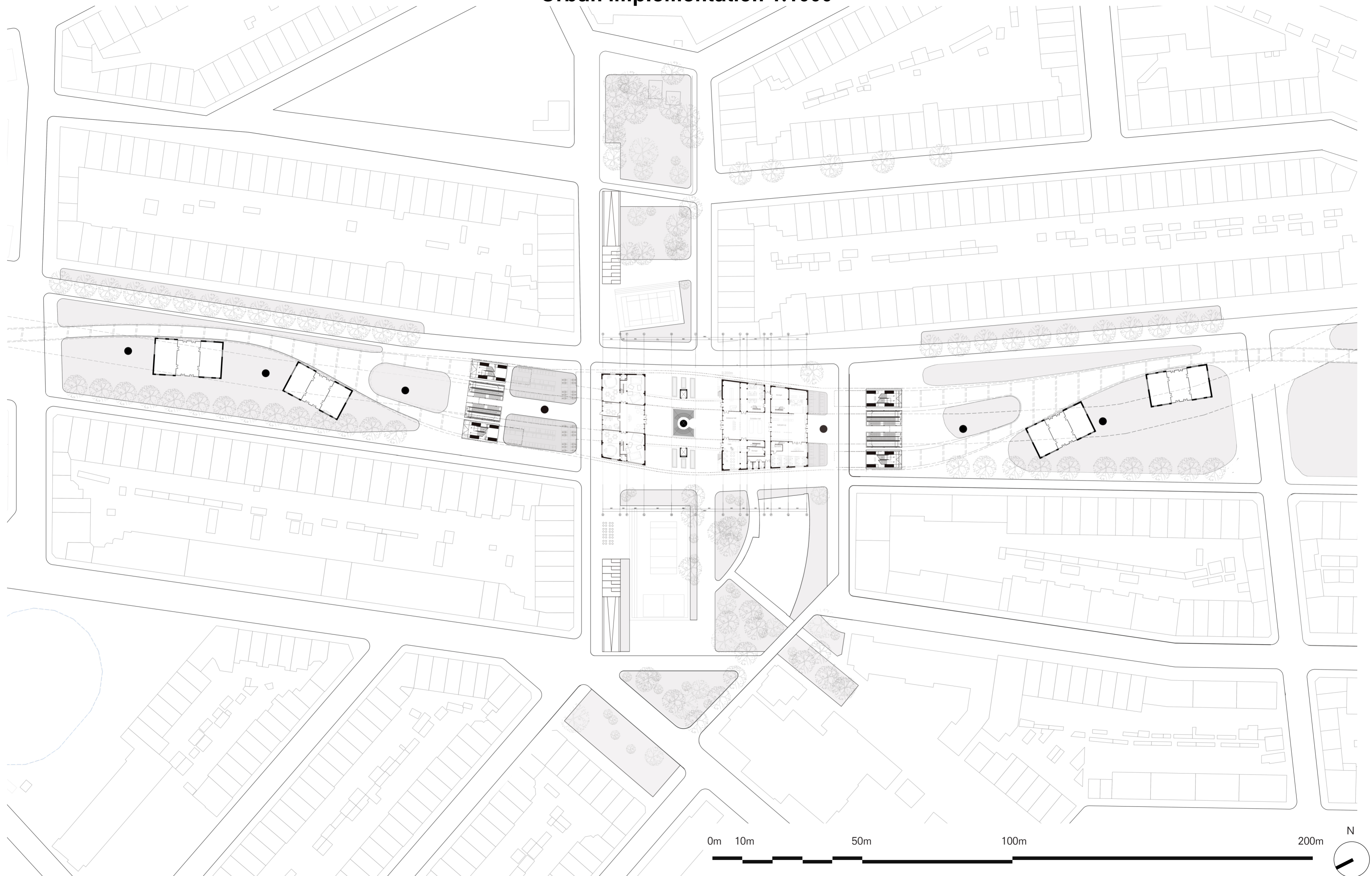
Site plan 1:1000



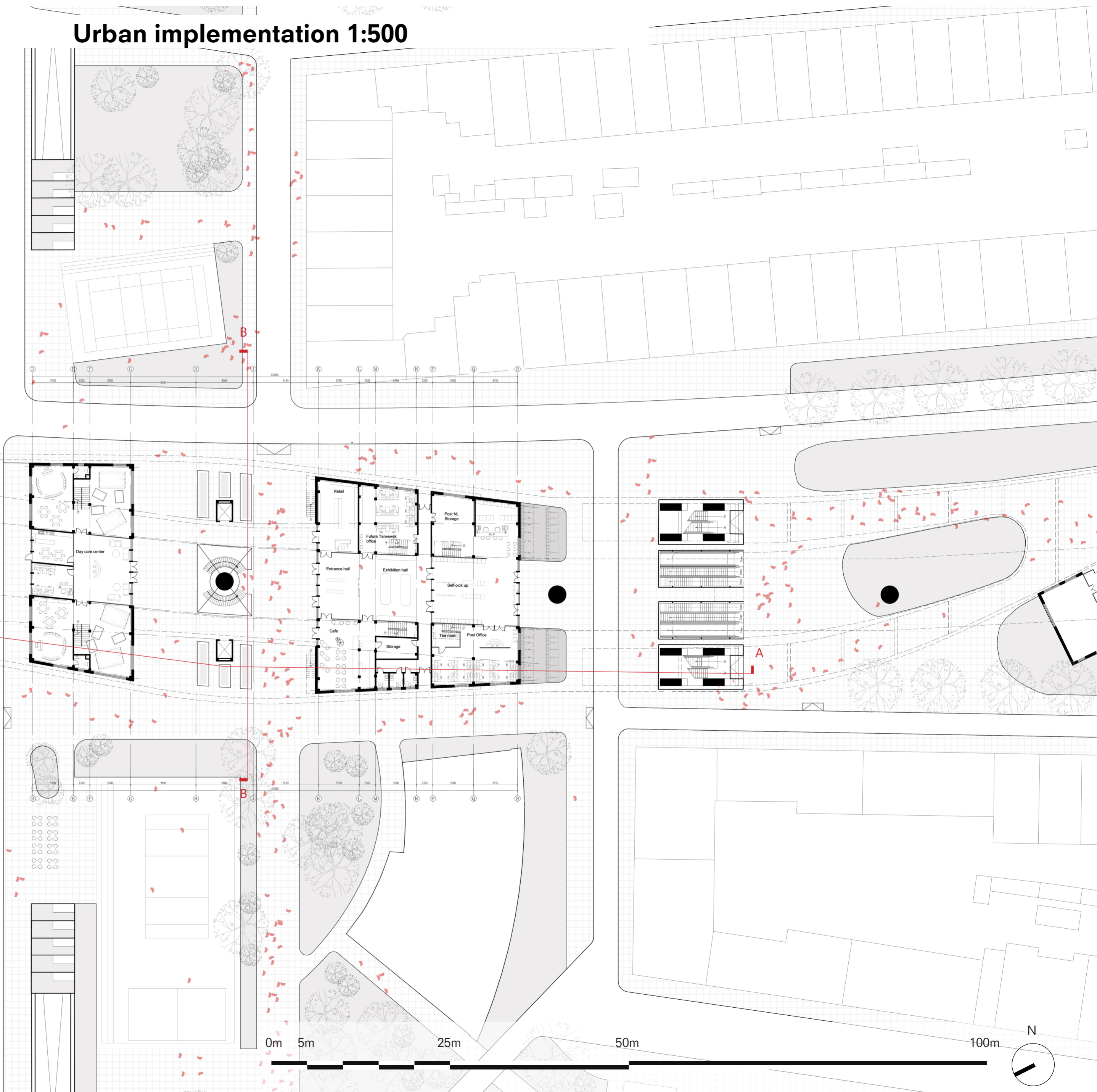
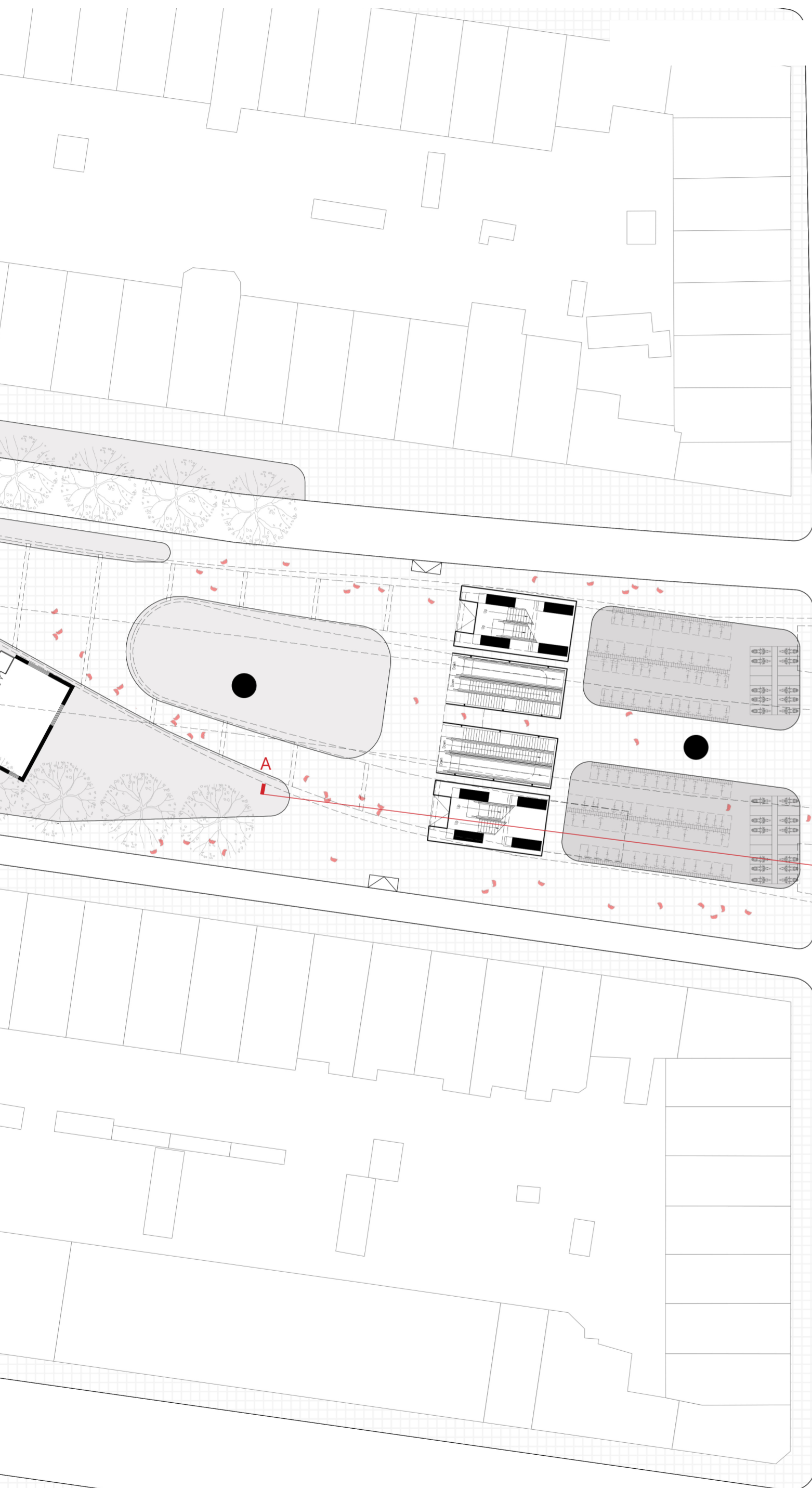
0m 10m 50m 100m 200m



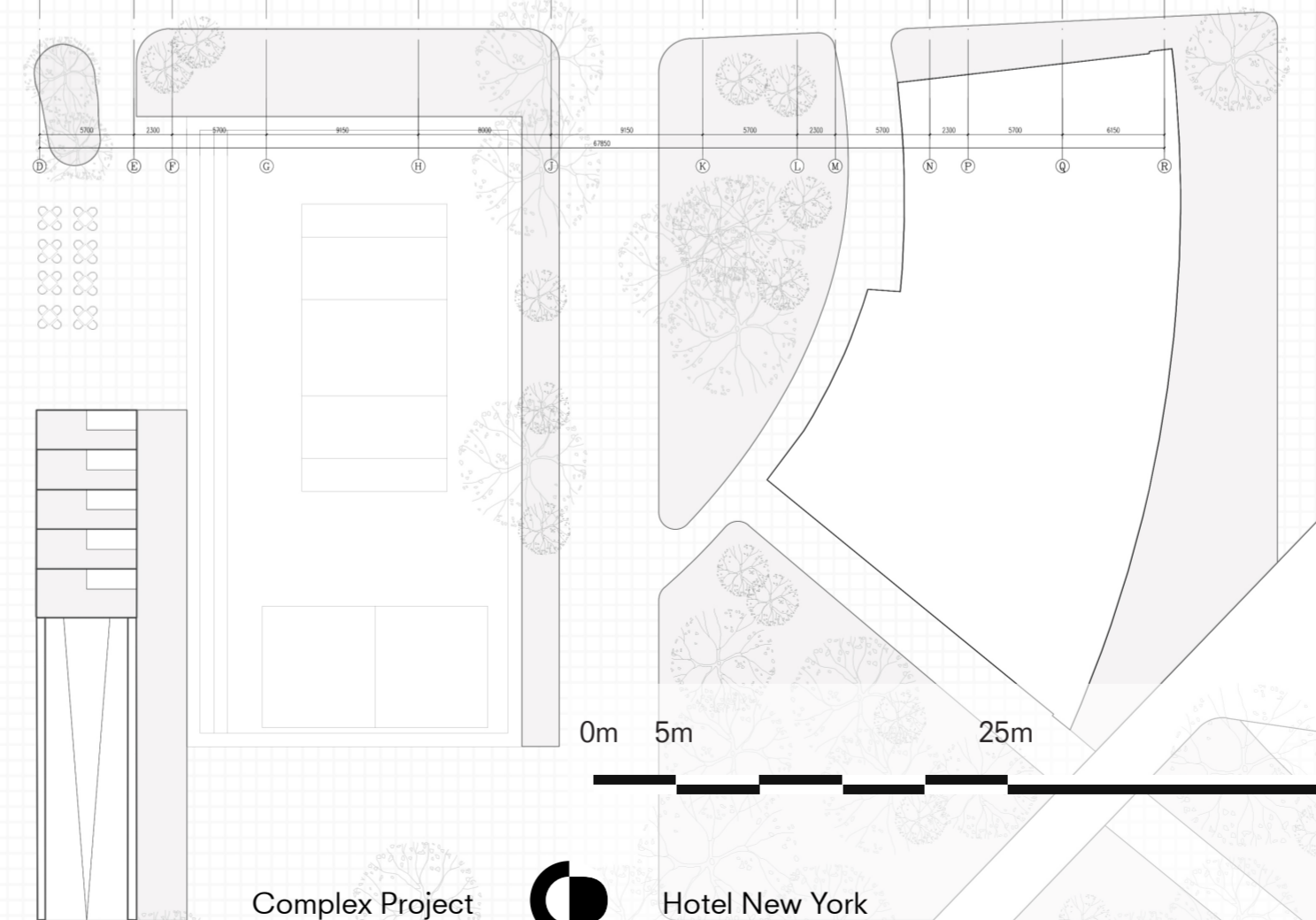
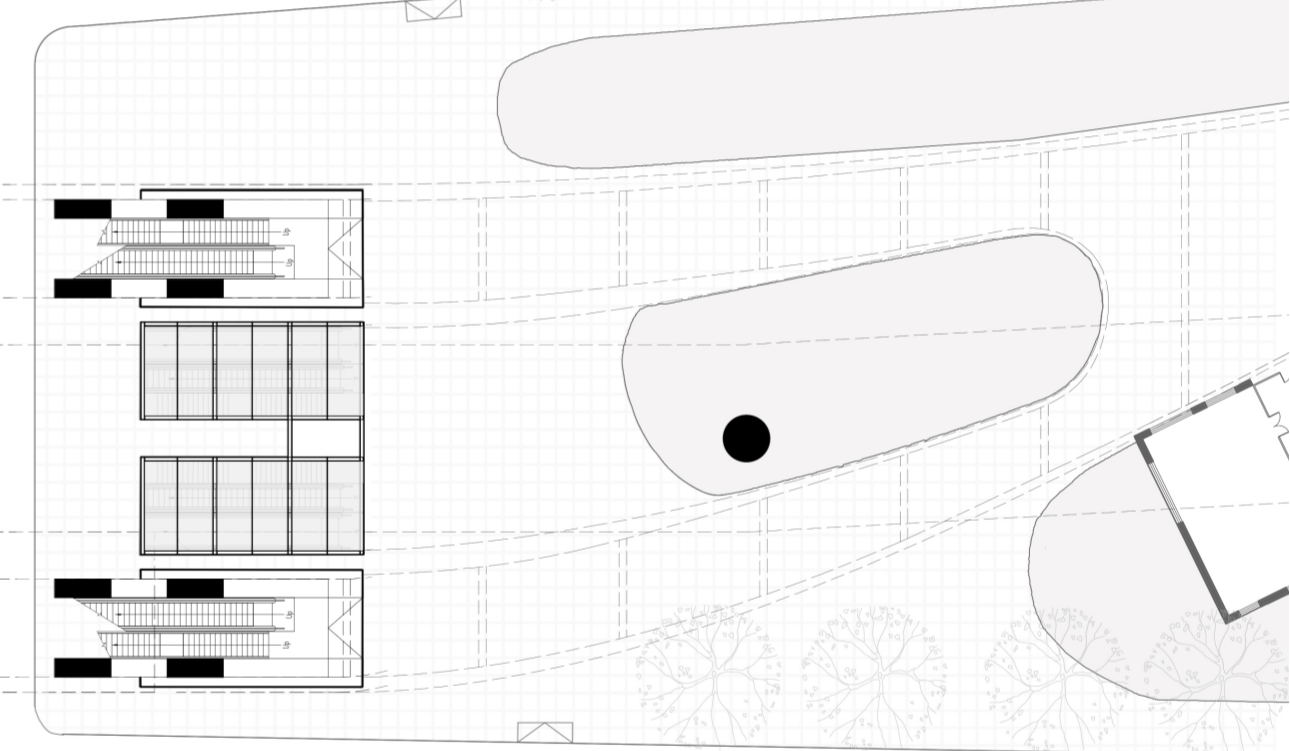
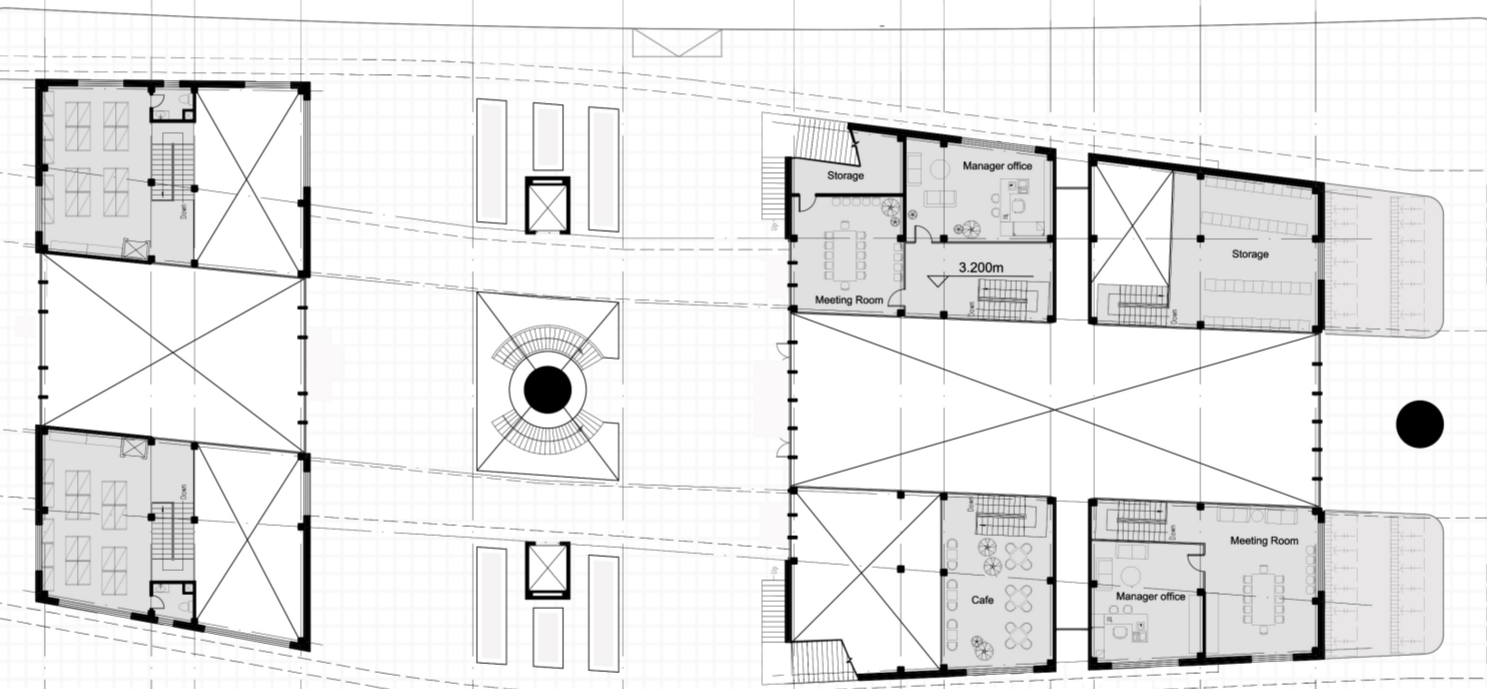
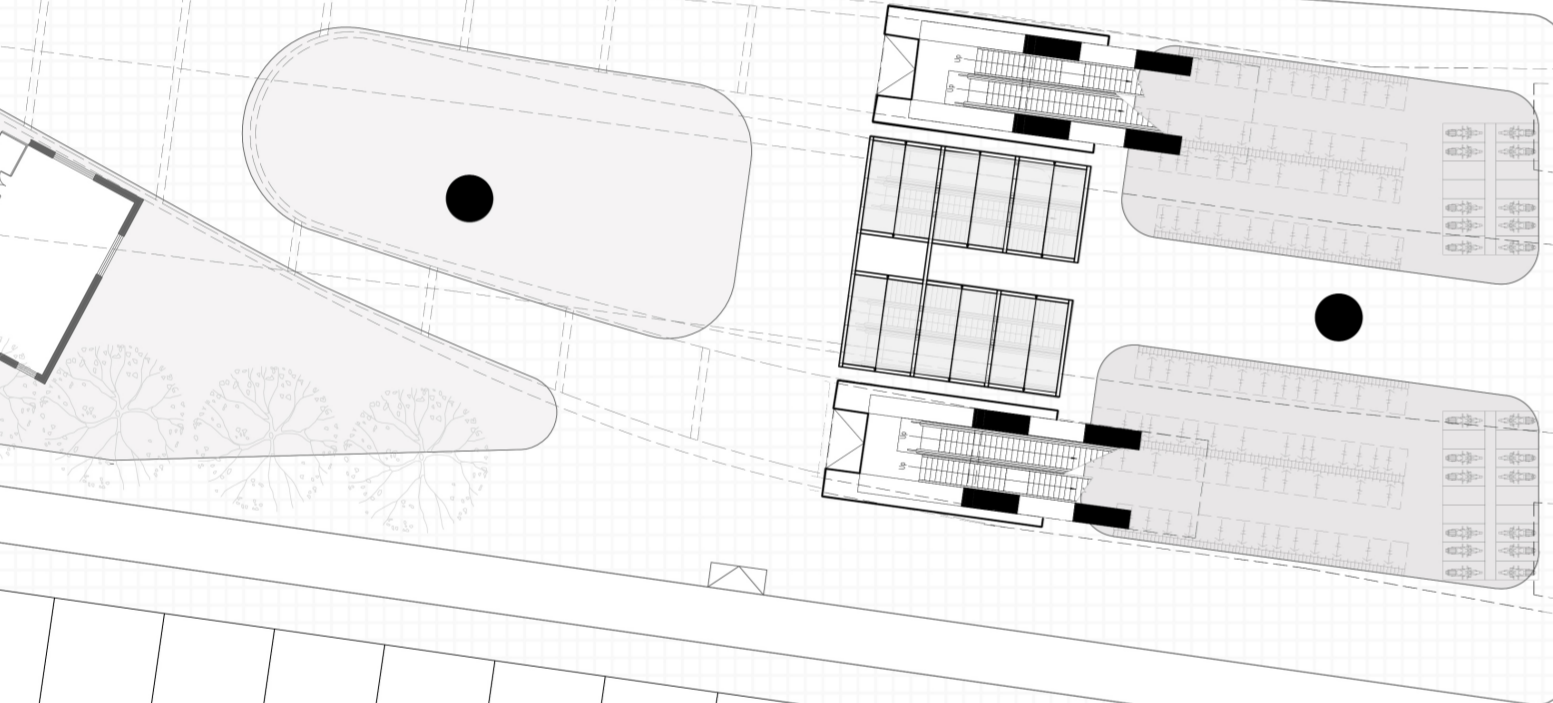
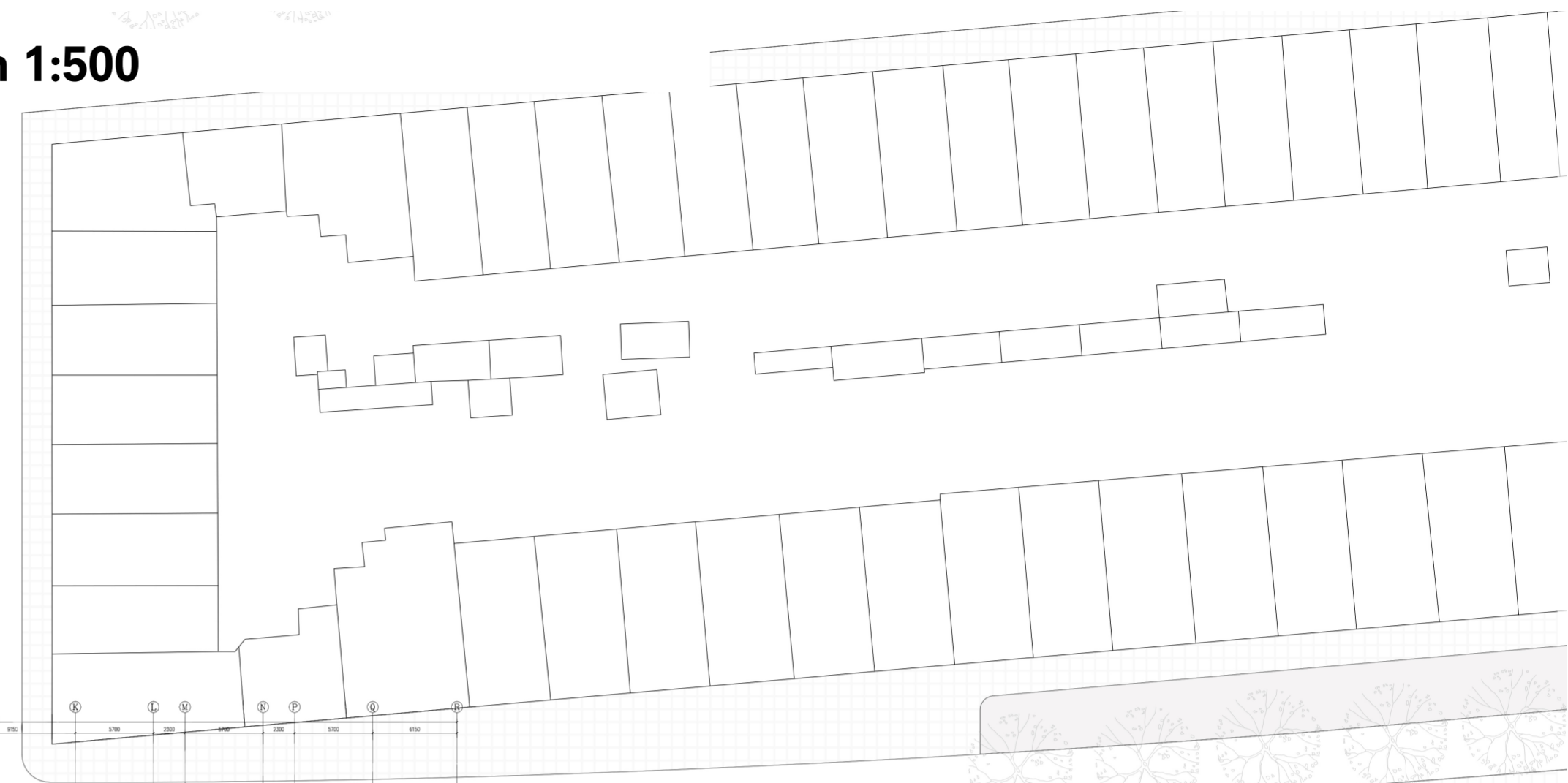
Urban implementation 1:1000



Urban implementation 1:500



1st floor plan 1:500

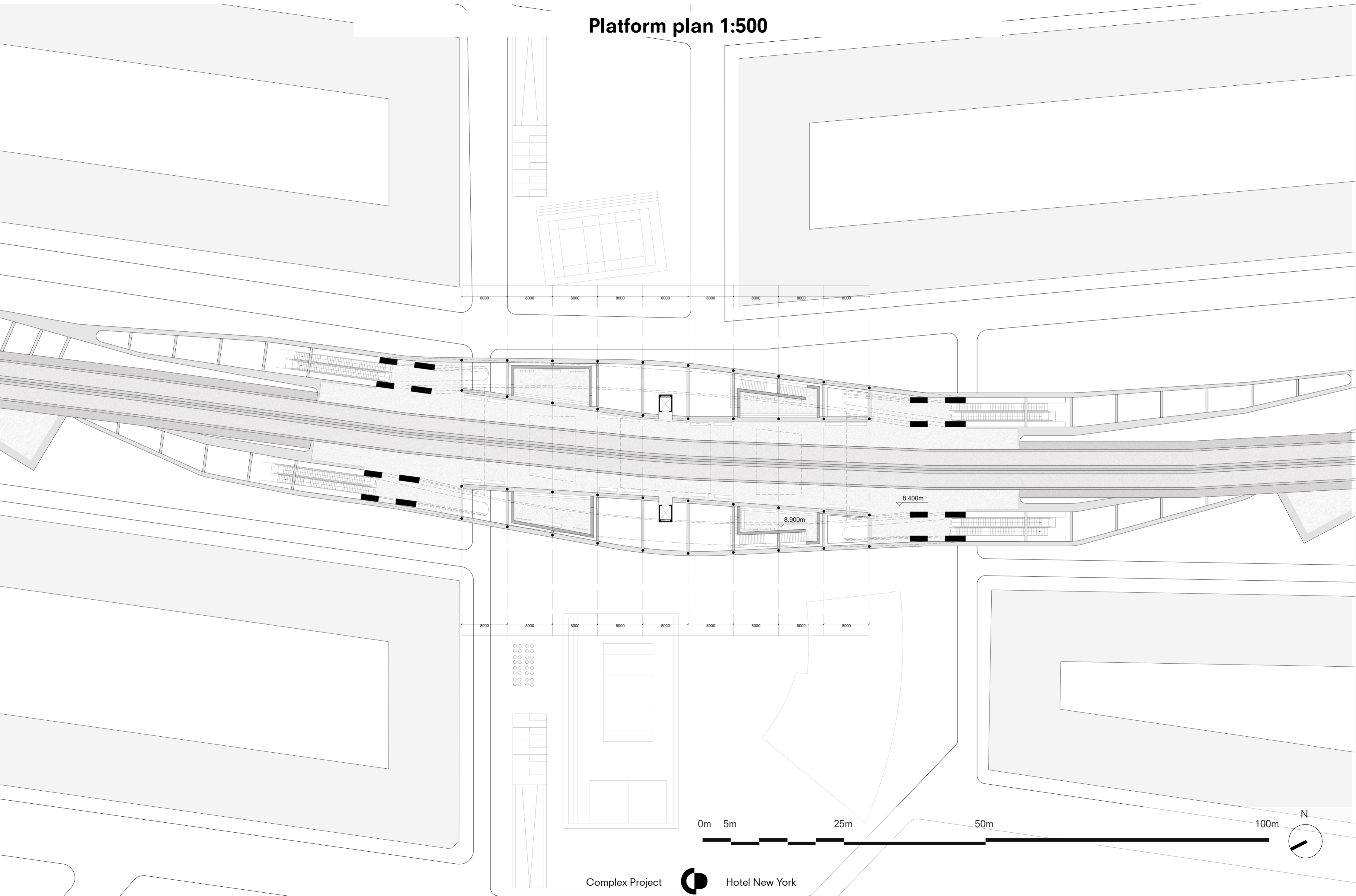


0m 5m 25m 50m 100m



Drawing set

Platform plan 1:500



Complex Project

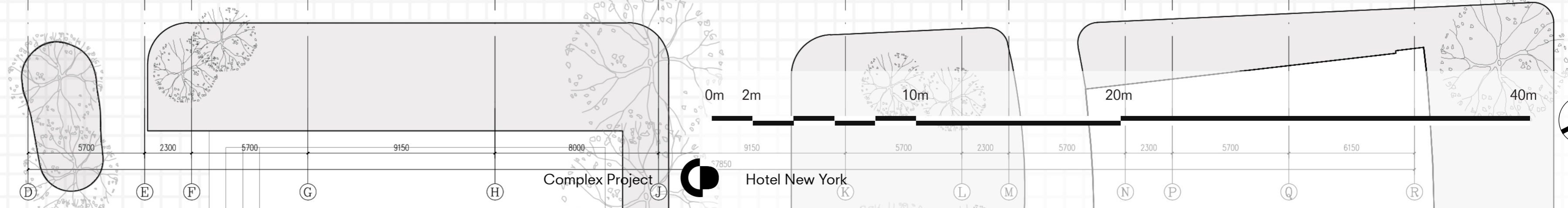
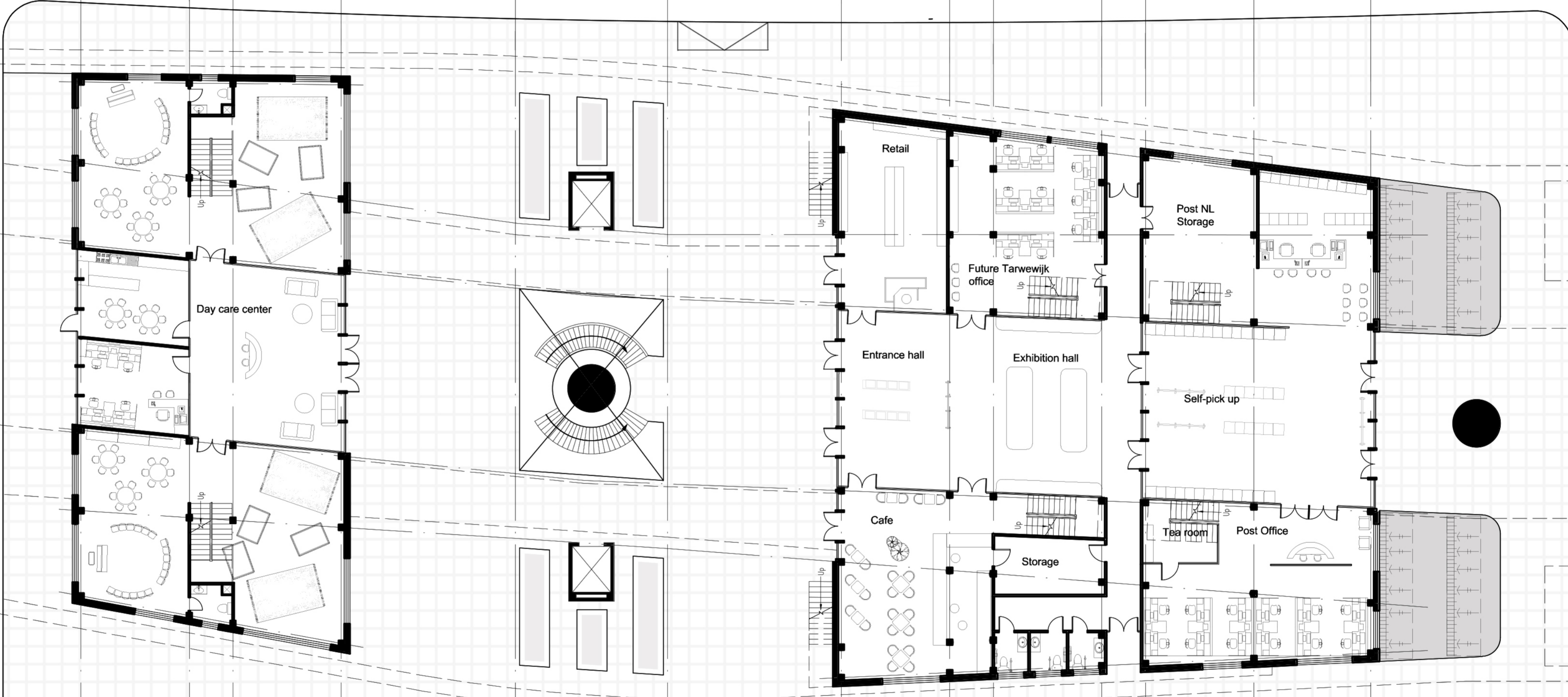
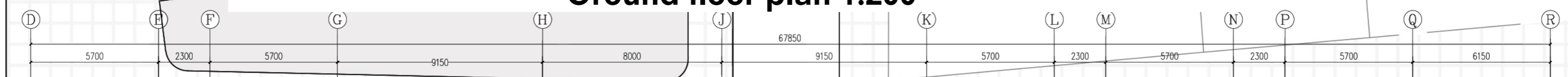


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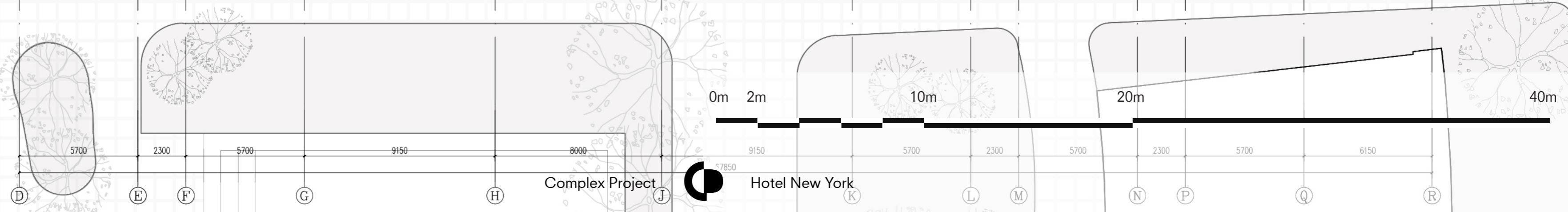
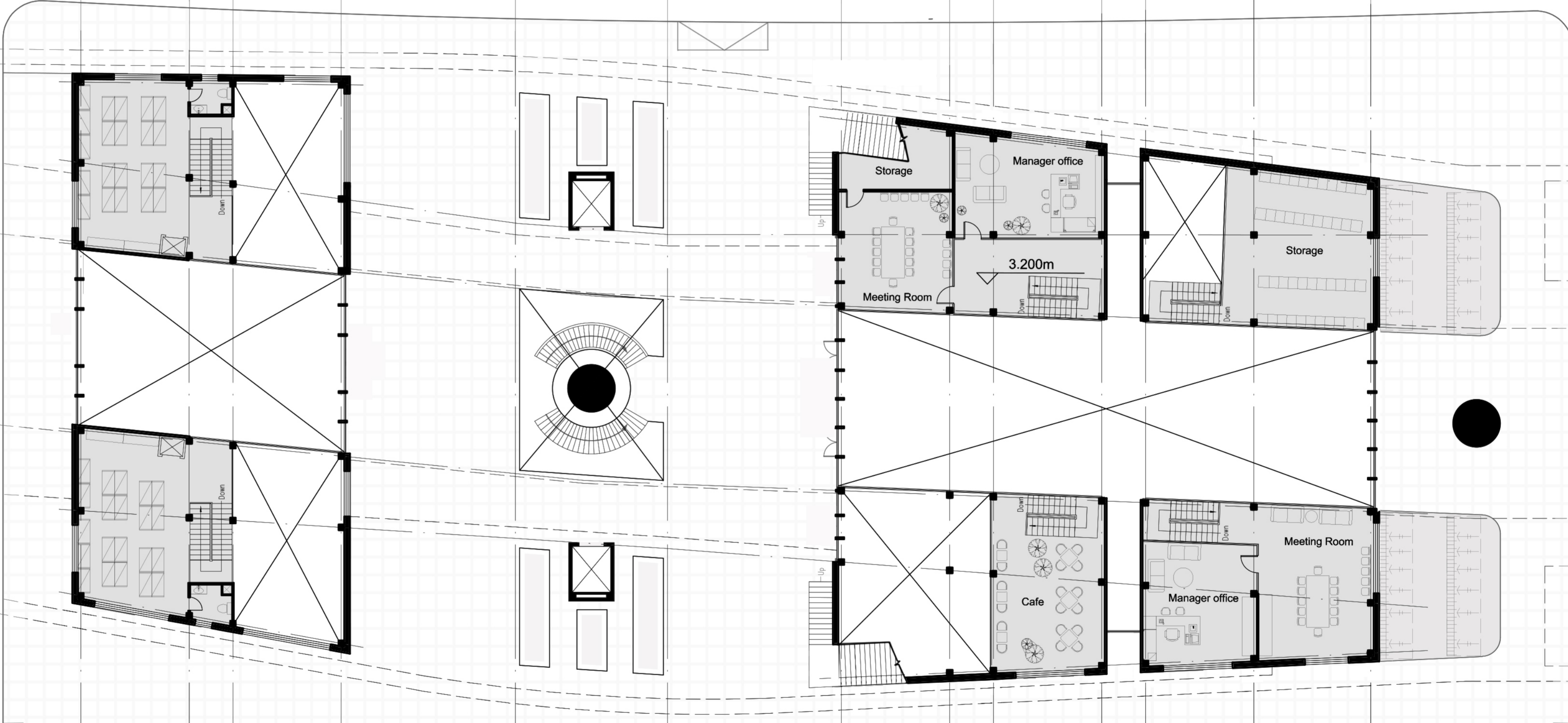
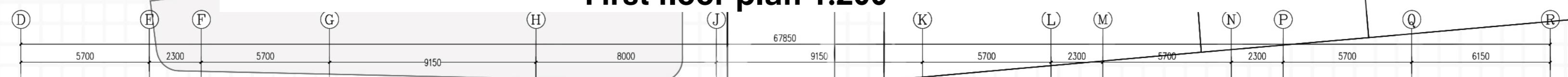
Basement plan 1:500



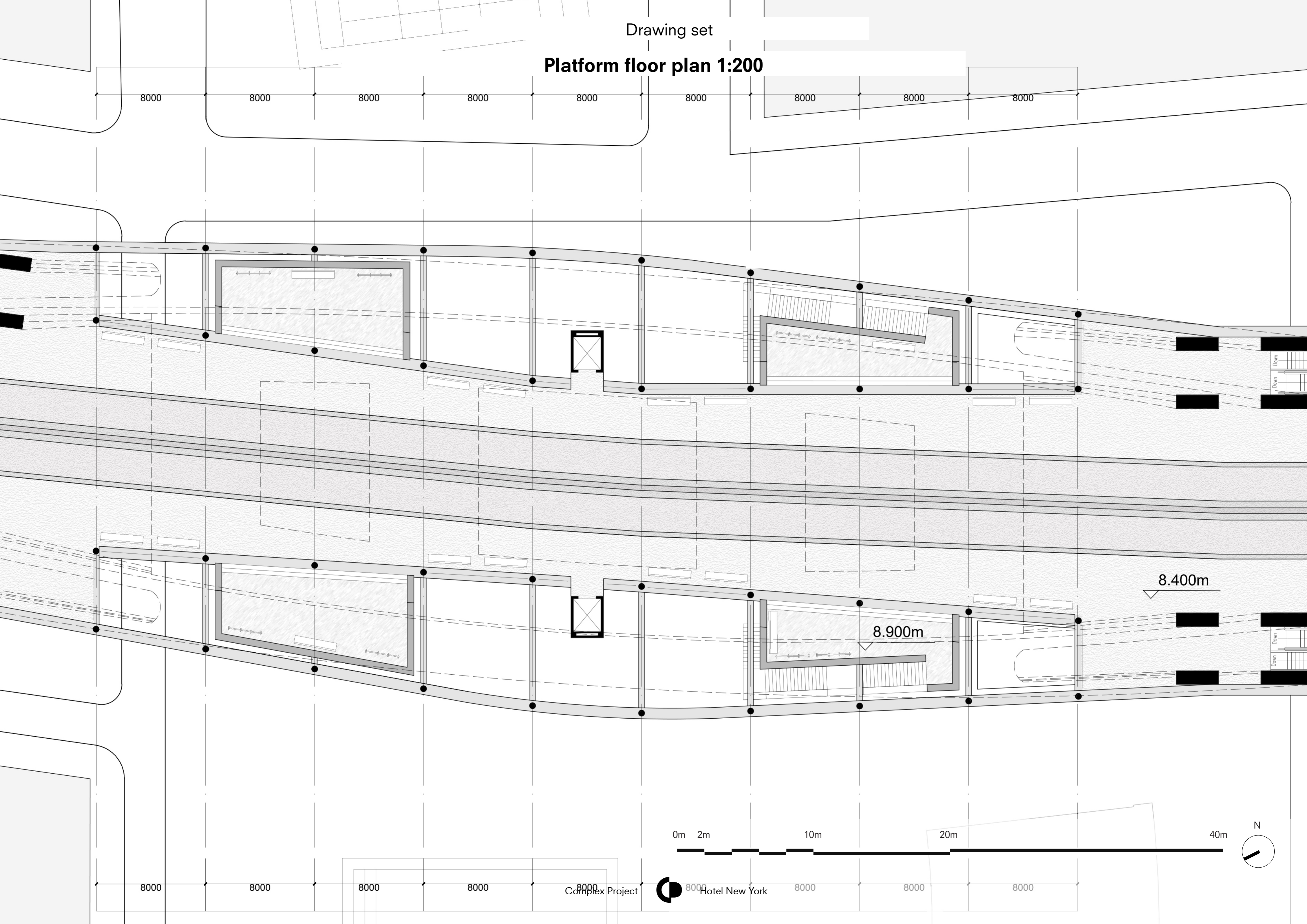
Ground floor plan 1:200



First floor plan 1:200



Platform floor plan 1:200



8000

8000

8000

8000

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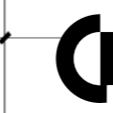
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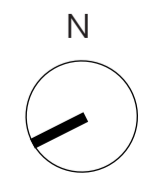
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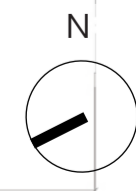
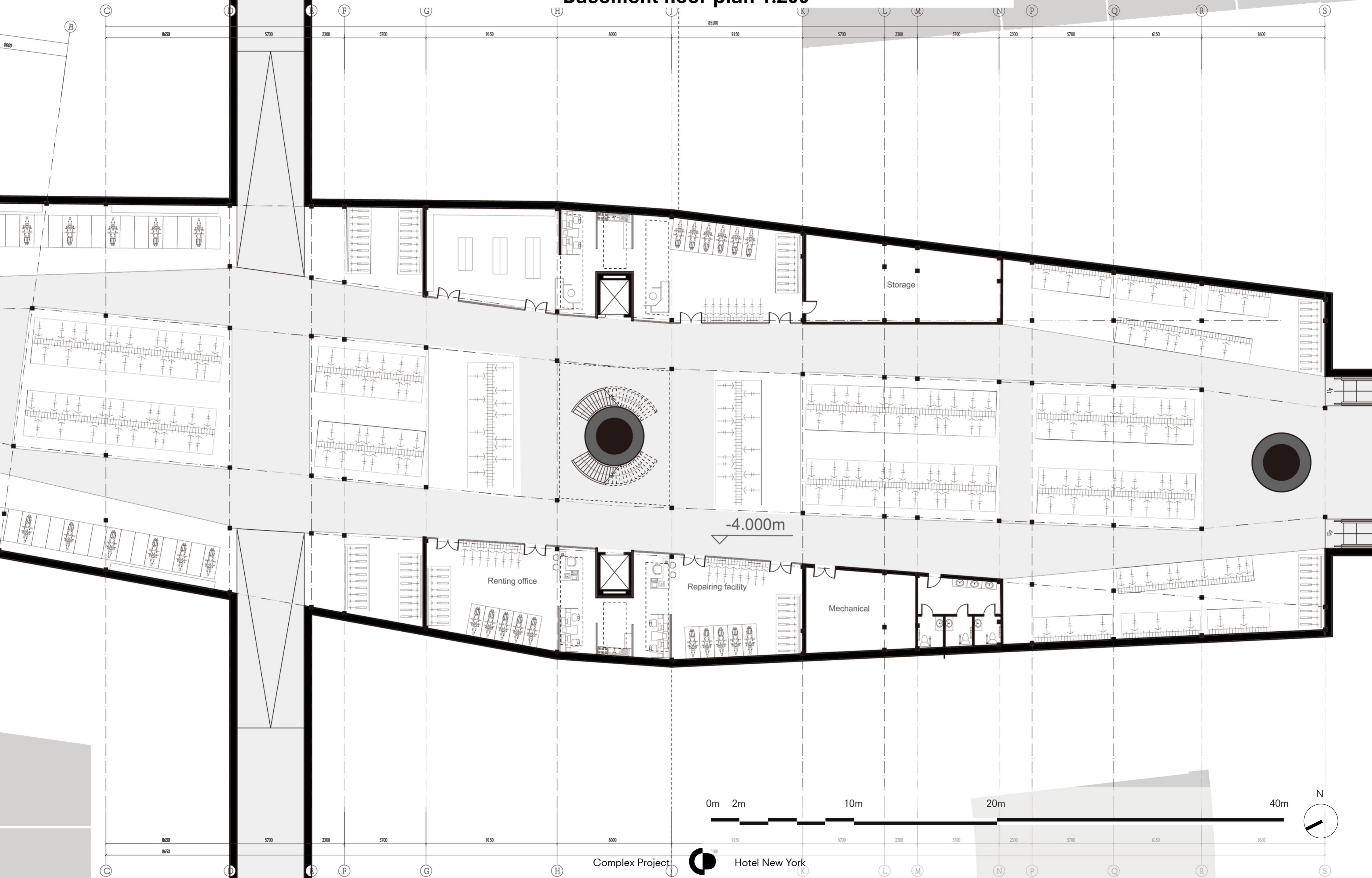
Complex Project



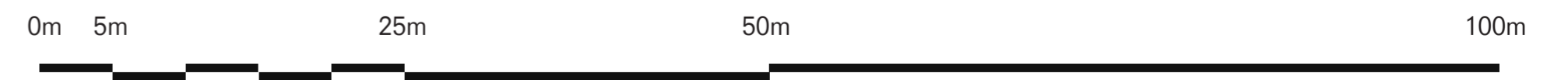
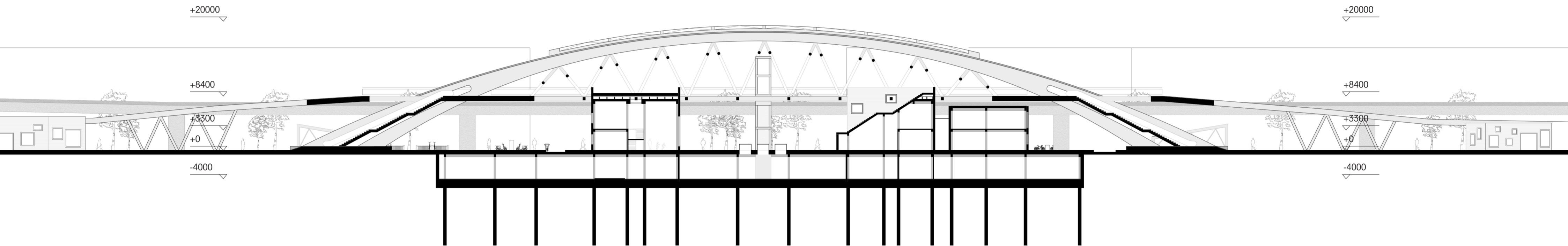
8.900m

8.400m

Basement floor plan 1:200

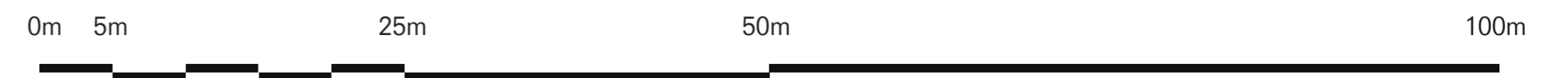
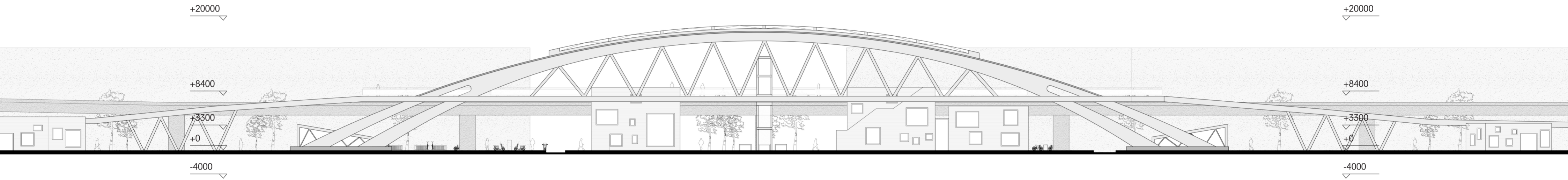


Drawing set
Section A-A 1:500

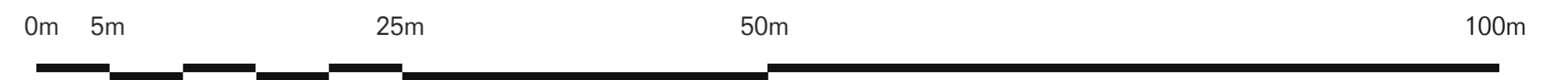
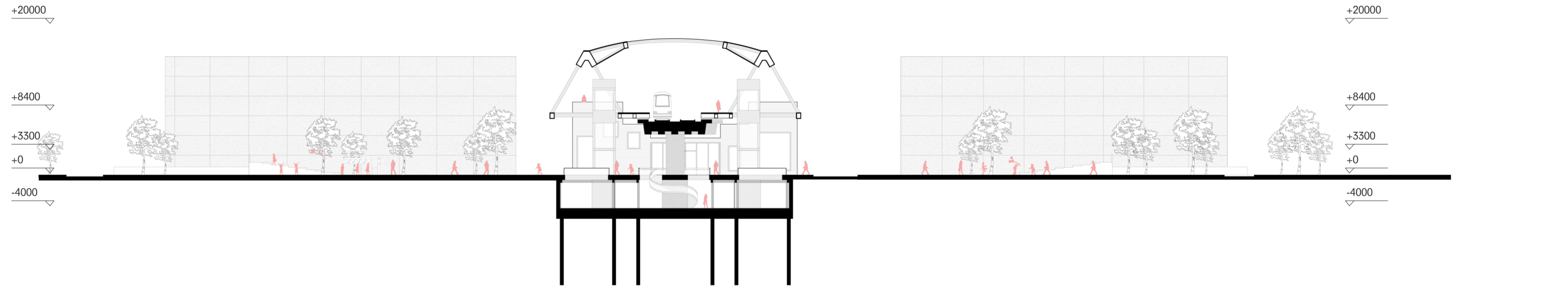


Drawing set

East Elevation 1:500

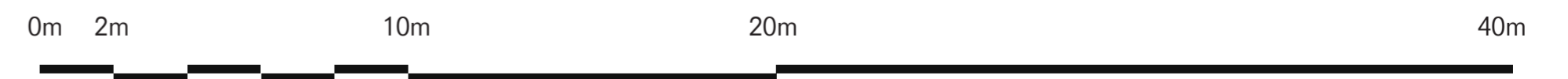
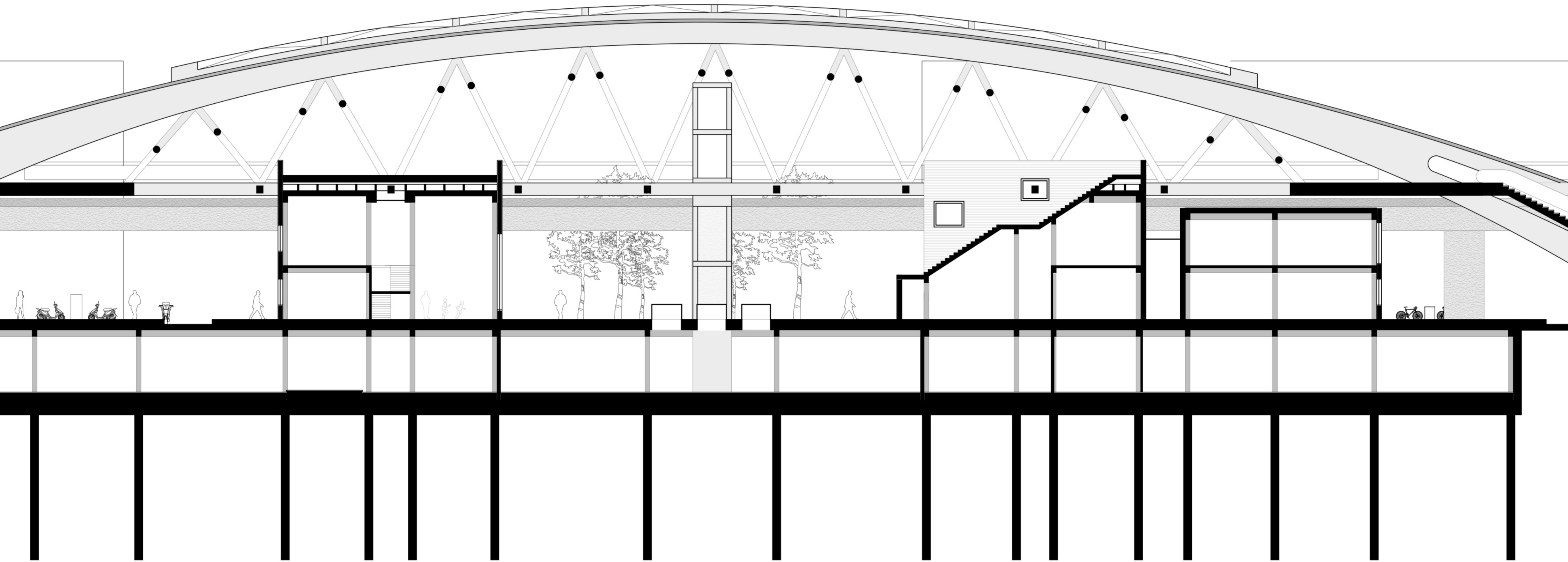


Drawing set
Section B-B 1:500



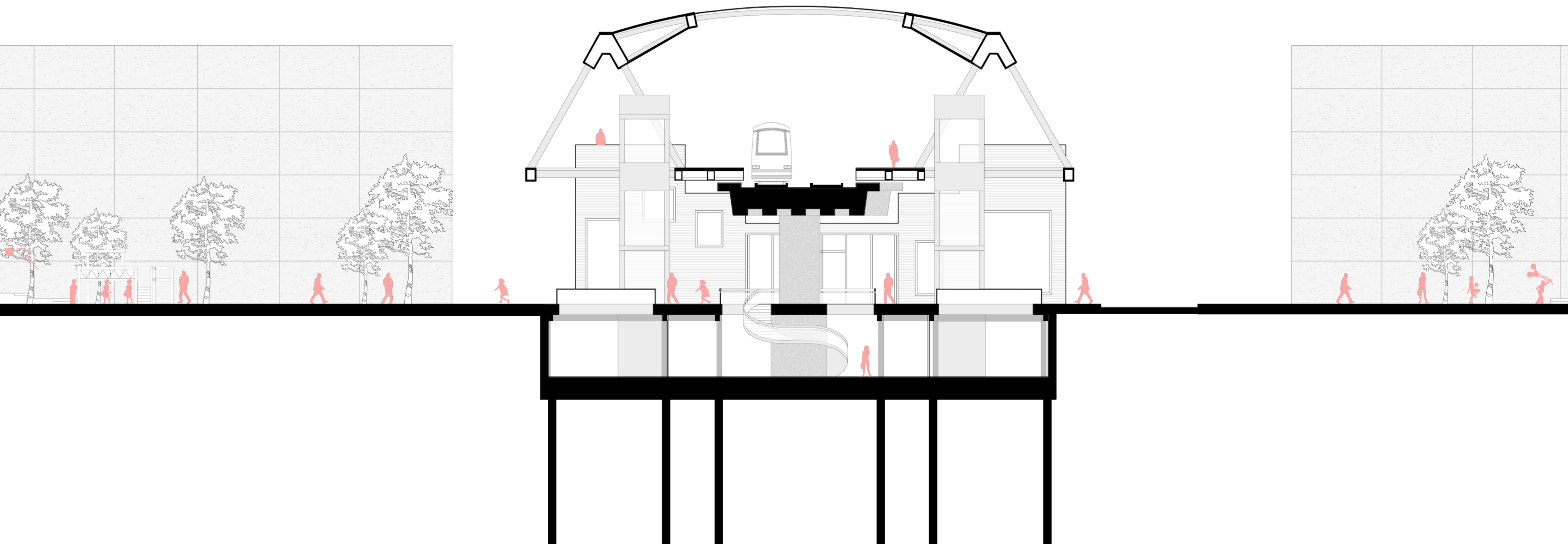
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Section A-A 1:200



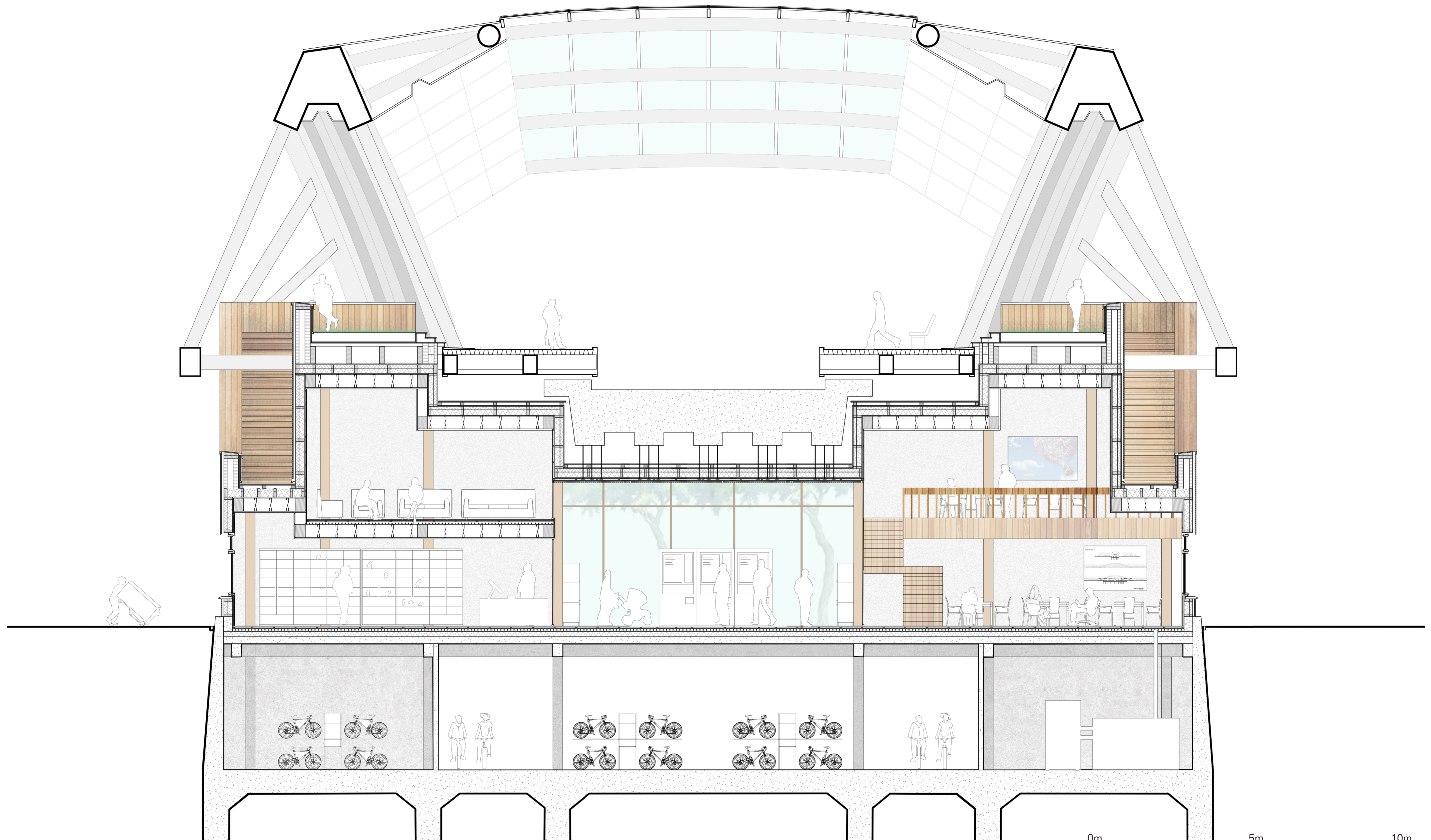
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Section B-B 1:200

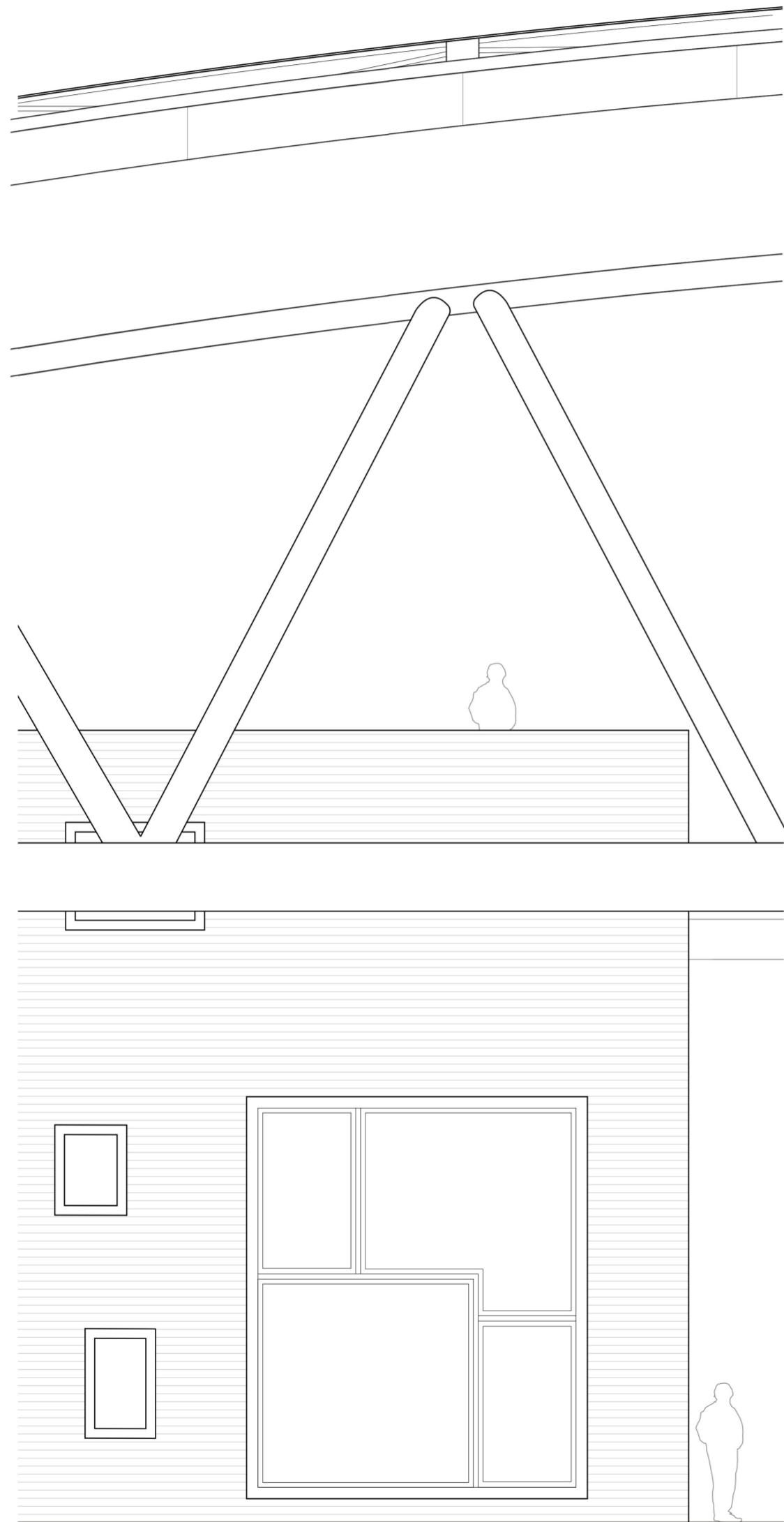


Drawing set

Interior fragment 1:50



Envelopment fragment 1:20

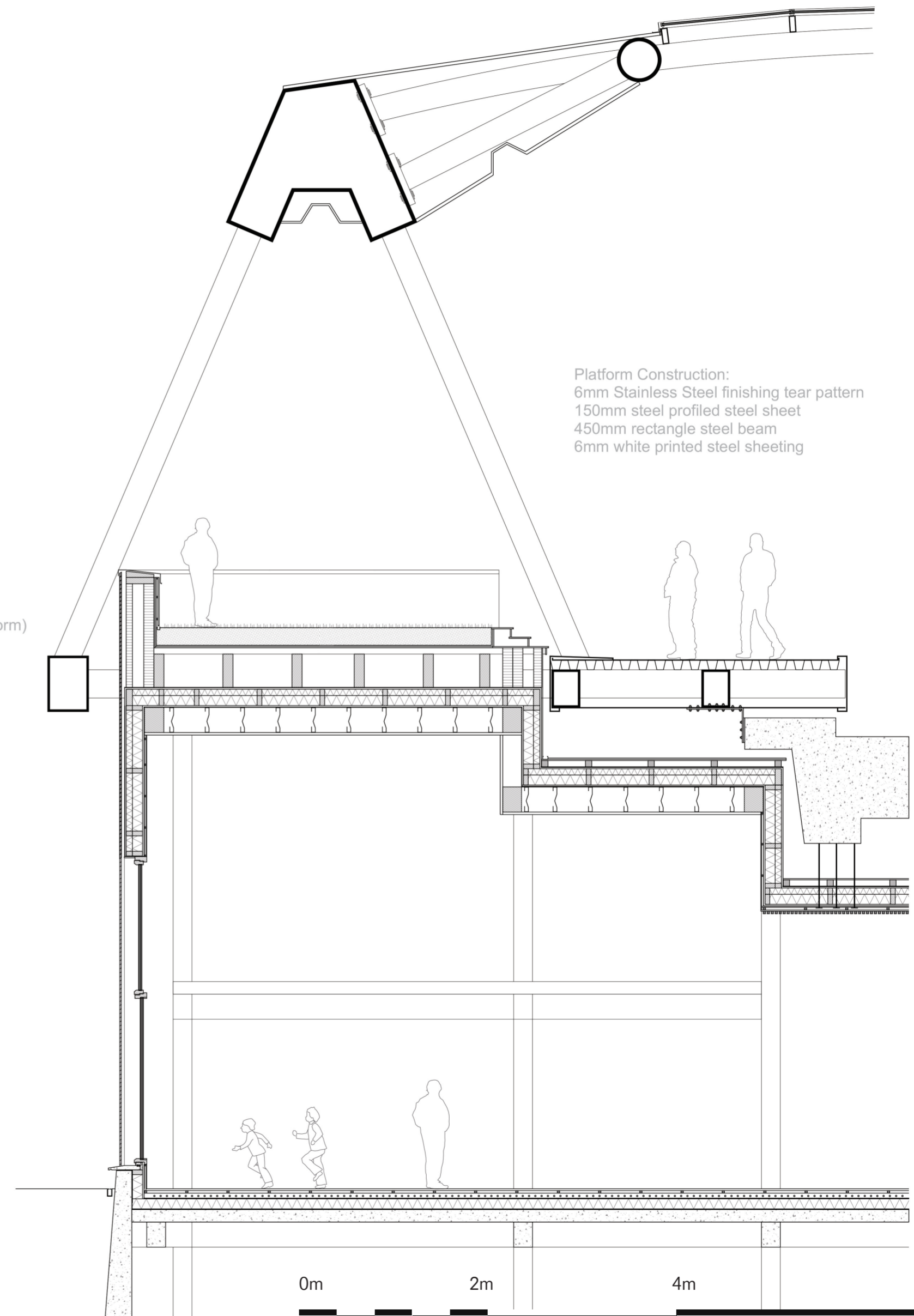


Fence Construction:
30mm fir boarding
75mm cavity
100mm laminated cross-boarded timber
160 cavity
180mm laminated cross-boarded timber
20mm sheathing board
20mm/20mm timber stud
20mm timber finishing

Roof Construction:
Domestic grass seed
280 mm substrate
Protective mat
20mm sheathing board
630mm ventilated cavity
(100mm timber stud cantilevered on the top of platform)
Waterproof membrane
20mm sheathing board
100mm sound insulation
160mm insulating wood fibre panel
20mm sheathing board
vapour barrier
300mm suspended soffit for lighting system
40 mm acoustic ceiling in microperforated panels

Wall Construction:
30mm fir boarding
45mm ventilated cavity
Waterproof membrane
20mm sheathing board
100mm sound insulation
160mm insulating wood fibre panel
between 160mm/75mm timber studs
20mm sheathing board
vapour barrier
25mm battens
12.5mm plasterboard

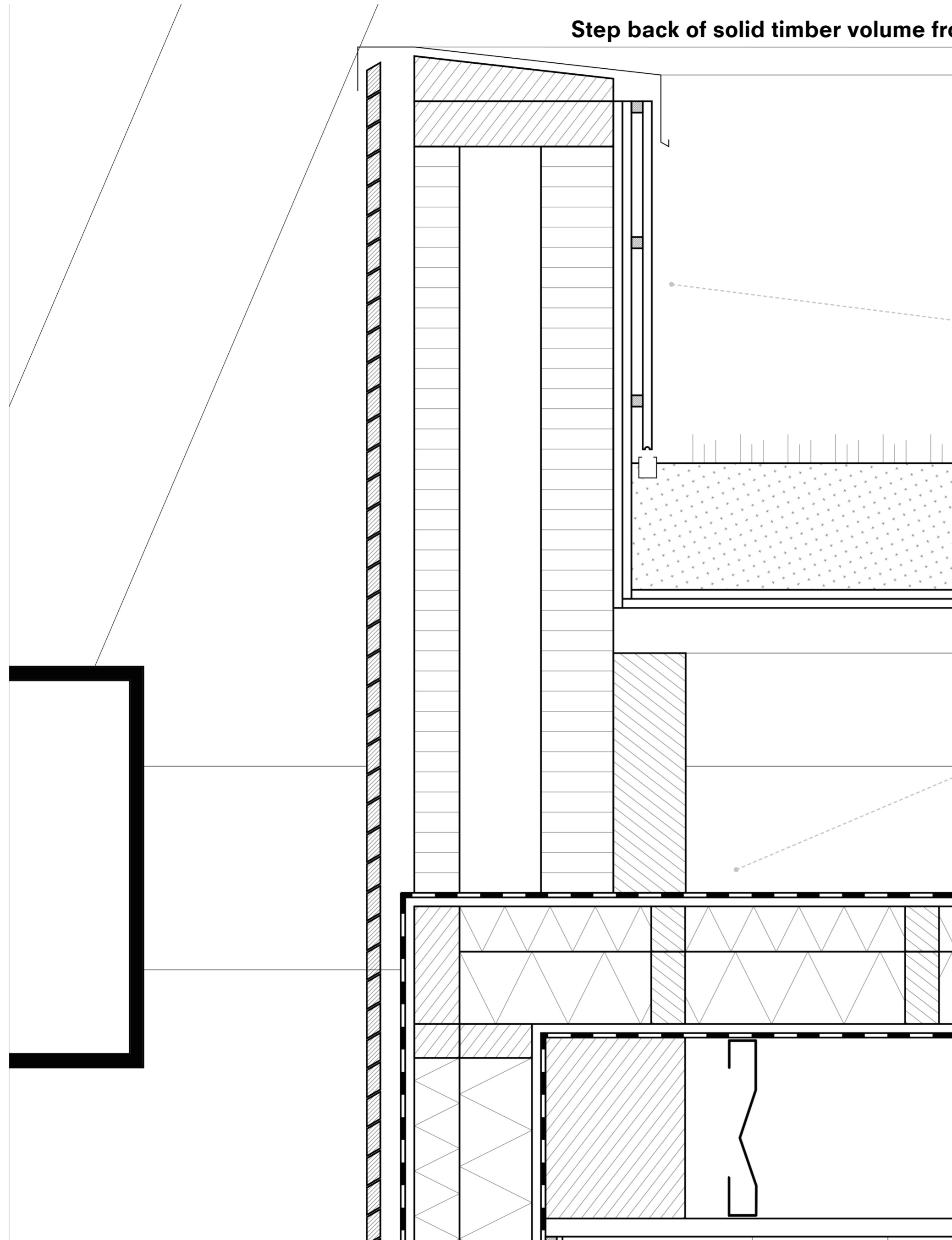
Floor Construction:
30mm timber finishing
40mm supporting timber stud
80mm concrete screed with underfloor heating
Vapour barrier



Platform Construction:
6mm Stainless Steel finishing tear pattern
150mm steel profiled steel sheet
450mm rectangle steel beam
6mm white printed steel sheeting

Detail 1:5__01

Step back of solid timber volume from structure of metro station

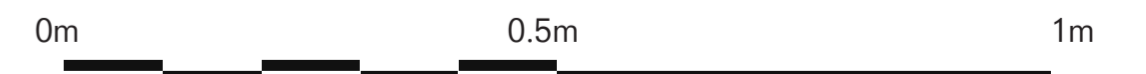


Fence Construction:

- 30mm fir boarding
- 75mm cavity
- 100mm laminated cross-boarded timber
- 160 cavity
- 180mm laminated cross-boarded timber
- 20mm sheathing board
- 20mm/20mm timber stud
- 20mm timber finishing

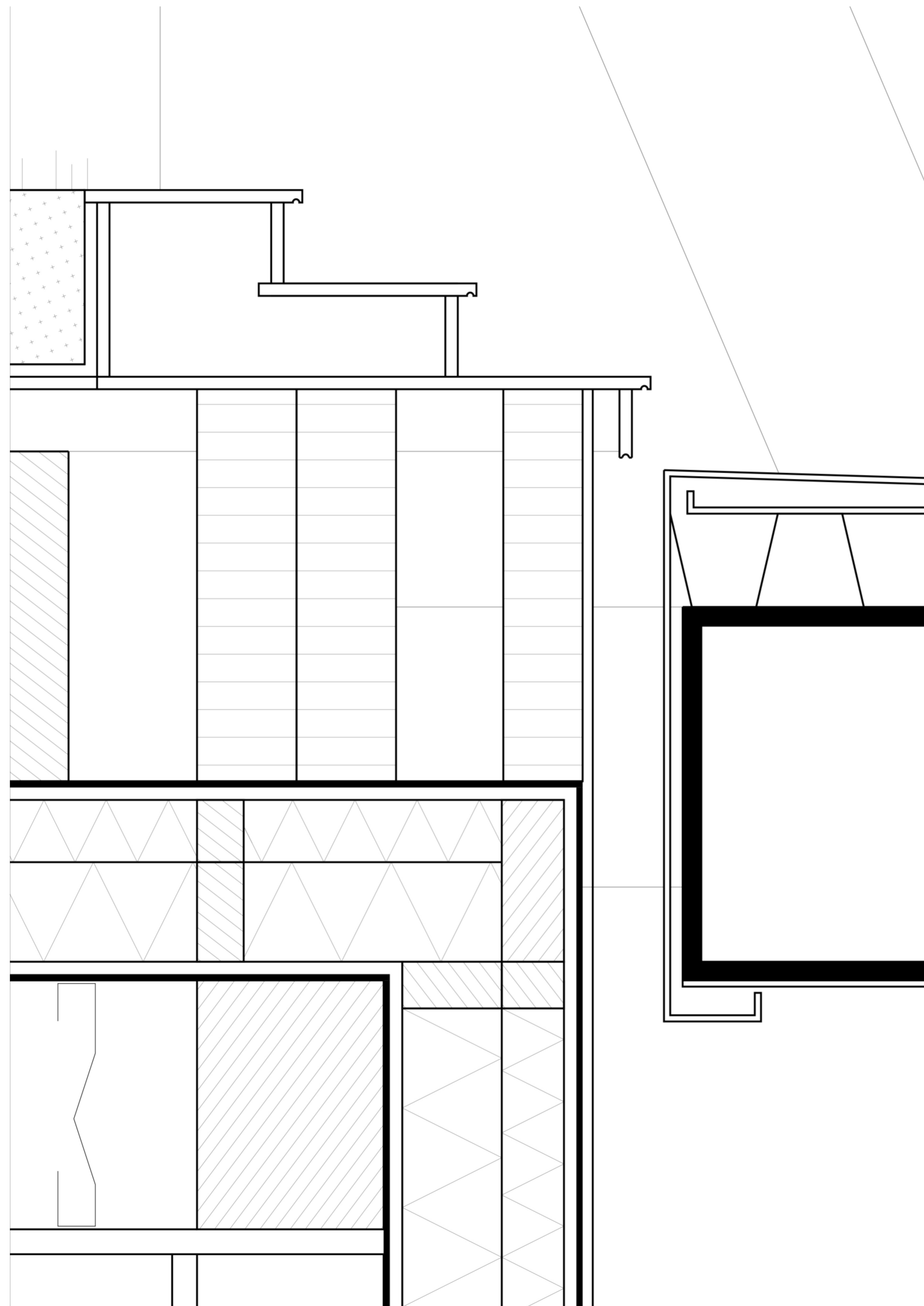
Roof Construction:

- Domestic grass seed
- 280 mm substrate
- Protective mat
- 20mm sheathing board
- 630mm ventilated cavity (100mm timber stud cantilevered on the top of platform)
- Waterproof membrane
- 20mm sheathing board
- 100mm sound insulation
- 160mm insulating wood fibre panel
- 20mm sheathing board
- vapour barrier
- 300mm suspended soffit for lighting system
- 40 mm acoustic ceiling in microperforated panels



Detail 1:5__02

Flexible joint between roof garden of timber volume and metro station



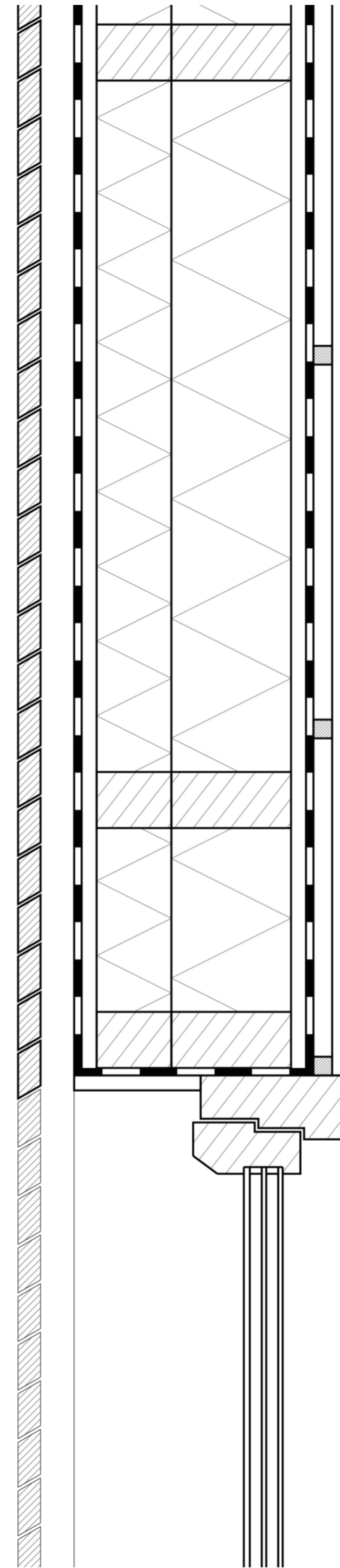
Platform Construction:

- 6mm steel sheeting with painted concrete finishing
- 150mm steel profiled steel sheet
- 450mm rectangle steel beam
- 6mm white printed steel sheeting



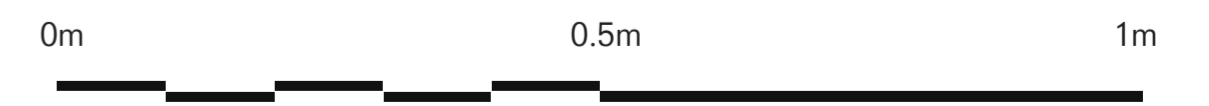
Detail 1:5__03

Joint between timber facade and timber window frame



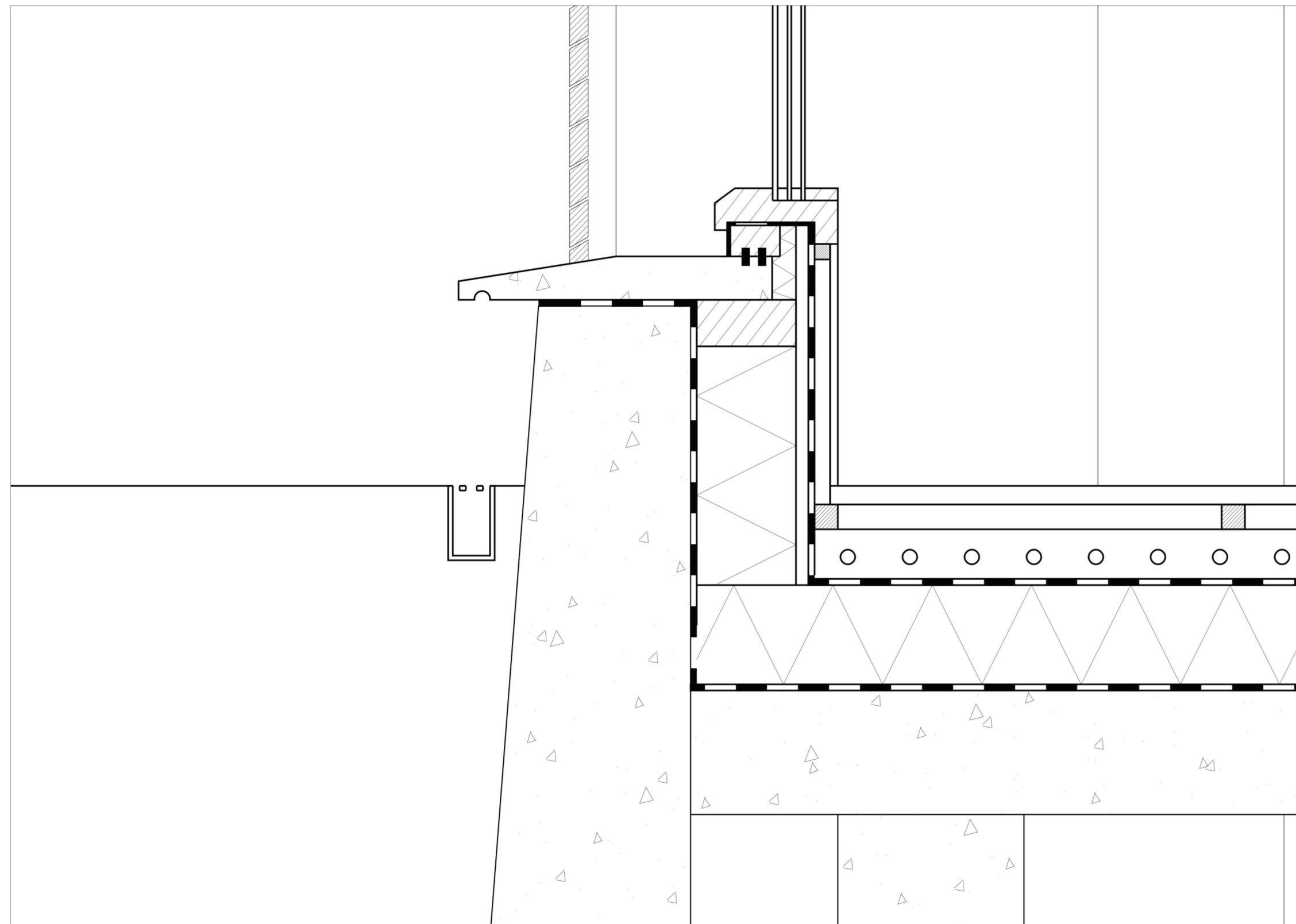
Wall Construction:

- 30mm fir boarding
- 45mm ventilated cavity
- Waterproof membrane
- 20mm sheathing board
- 100mm sound insulation
- 160mm insulating wood fibre panel
between 160mm/75mm timber studs
- 20mm sheathing board
- vapour barrier
- 25mm battens
- 12.5mm plasterboard



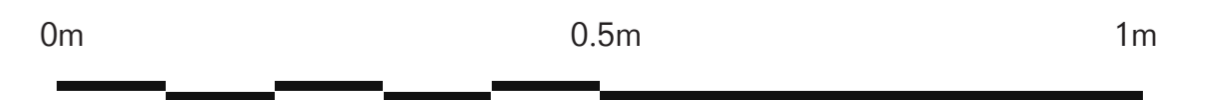
Detail 1:5__04

Joint between timber facade and concrete foundation



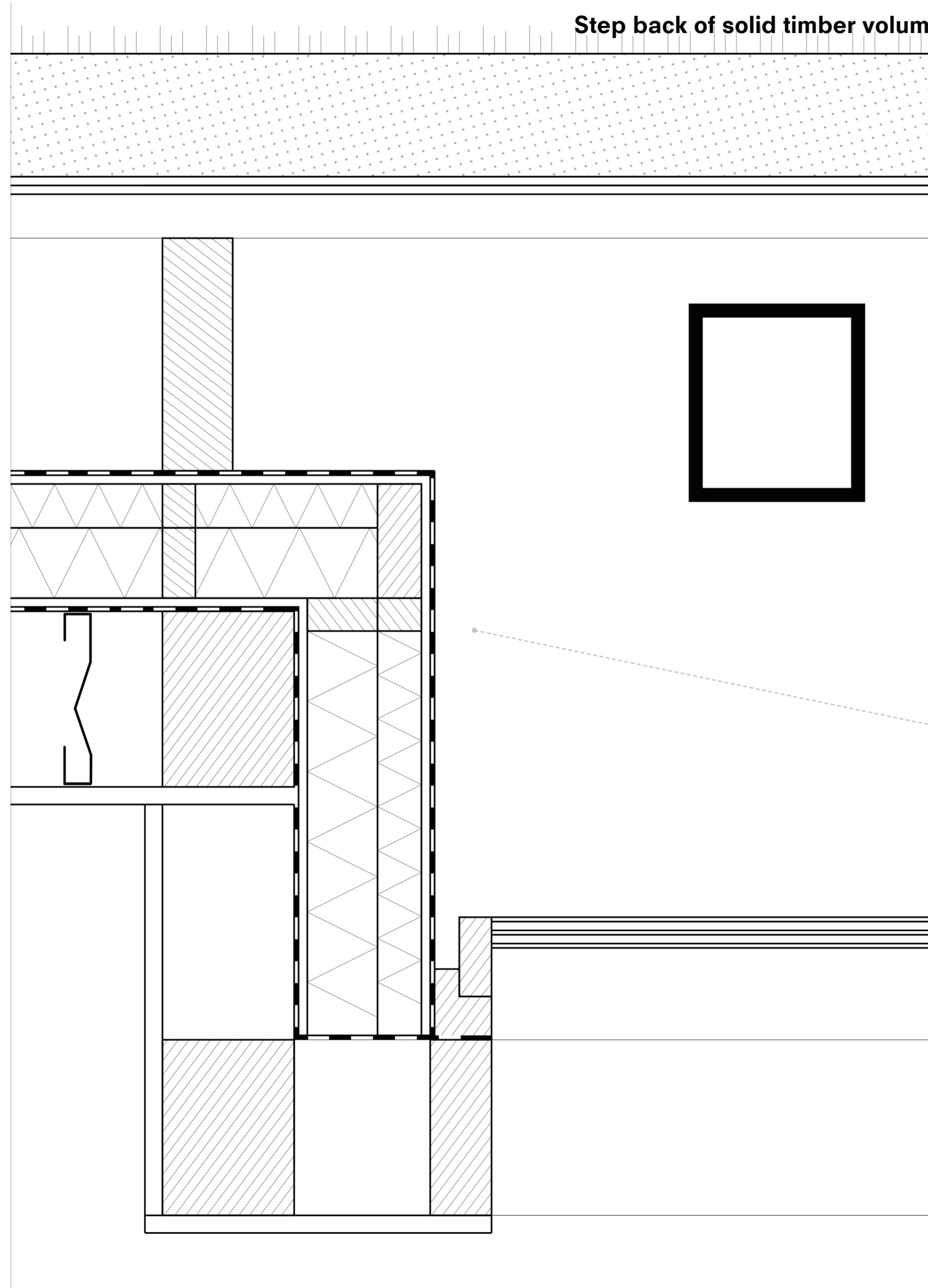
Floor Construction:

- 30mm timber finishing
- 40mm supporting timber stud
- 80mm concrete screed with underfloor heating
- Vapour barrier
- 160mm insulating wood fibre panel
- Waterproof membrane
- 200mm concrete slab
- 300/400mm concrete beam



Detail 1:5__05

Step back of solid timber volume from structure of metro station



Roof Construction:

- Domestic grass seed
- 280 mm substrate
- Protective mat
- 20mm sheathing board
- 630mm ventilated cavity
(100mm timber stud cantilevered on the top of platform)
- Waterproof membrane
- 20mm sheathing board
- 100mm sound insulation
- 160mm insulating wood fibre panel
- 20mm sheathing board
- vapour barrier
- 300mm suspended soffit for lighting system
- 40 mm acoustic ceiling in microperforated panels

