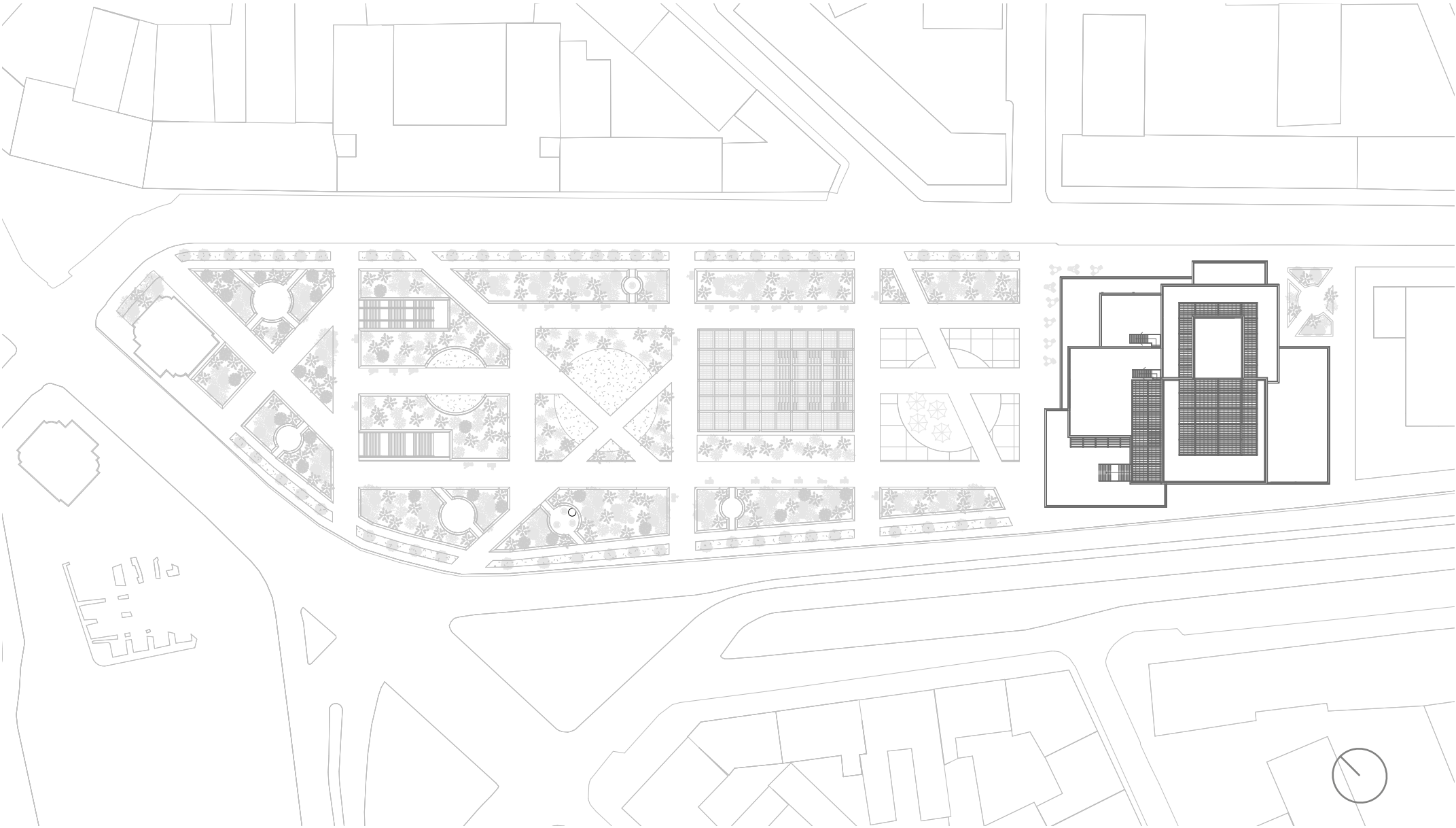


CoLab Milan

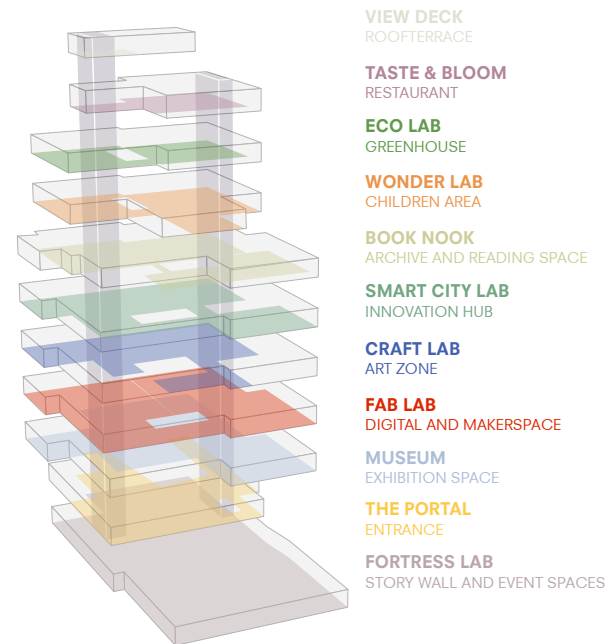
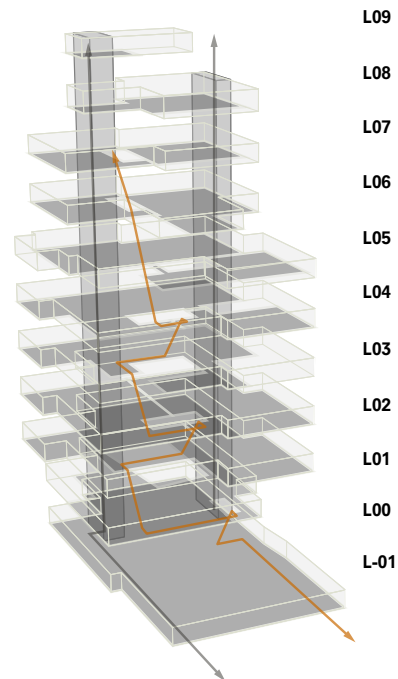
Public Library as a Platform for Collective Creation

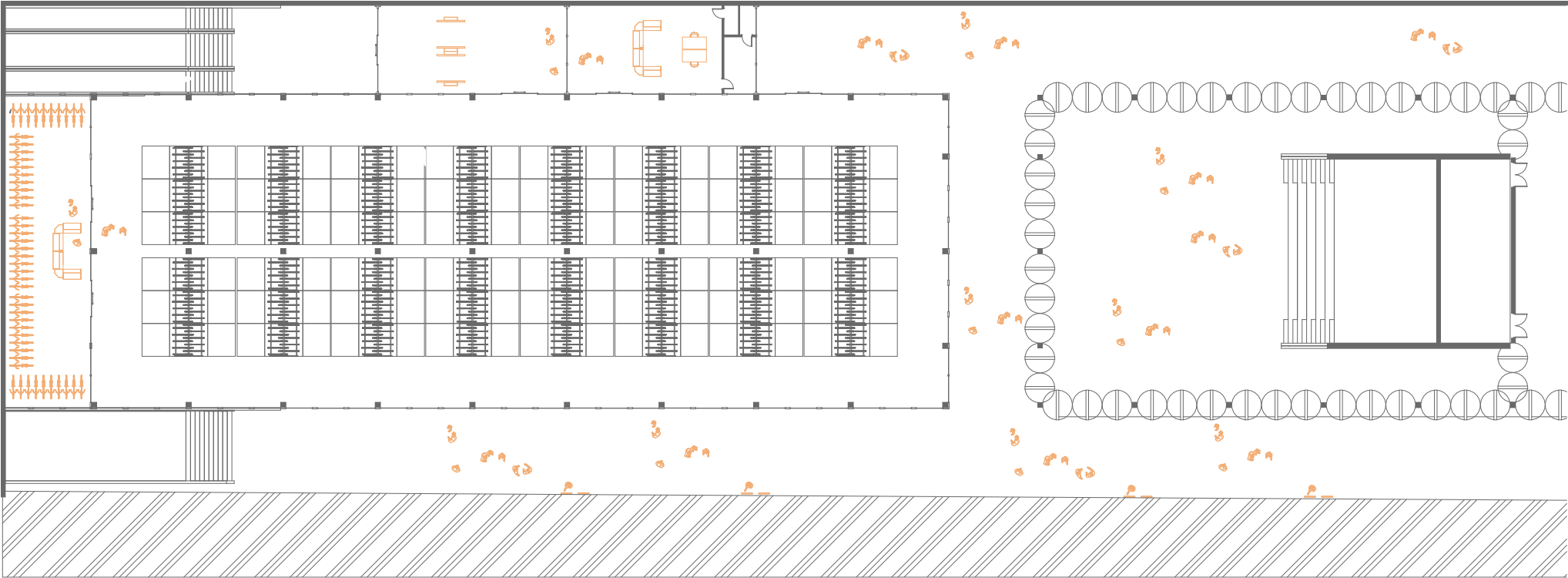
Babette Duijvestein
September 25th, 2025

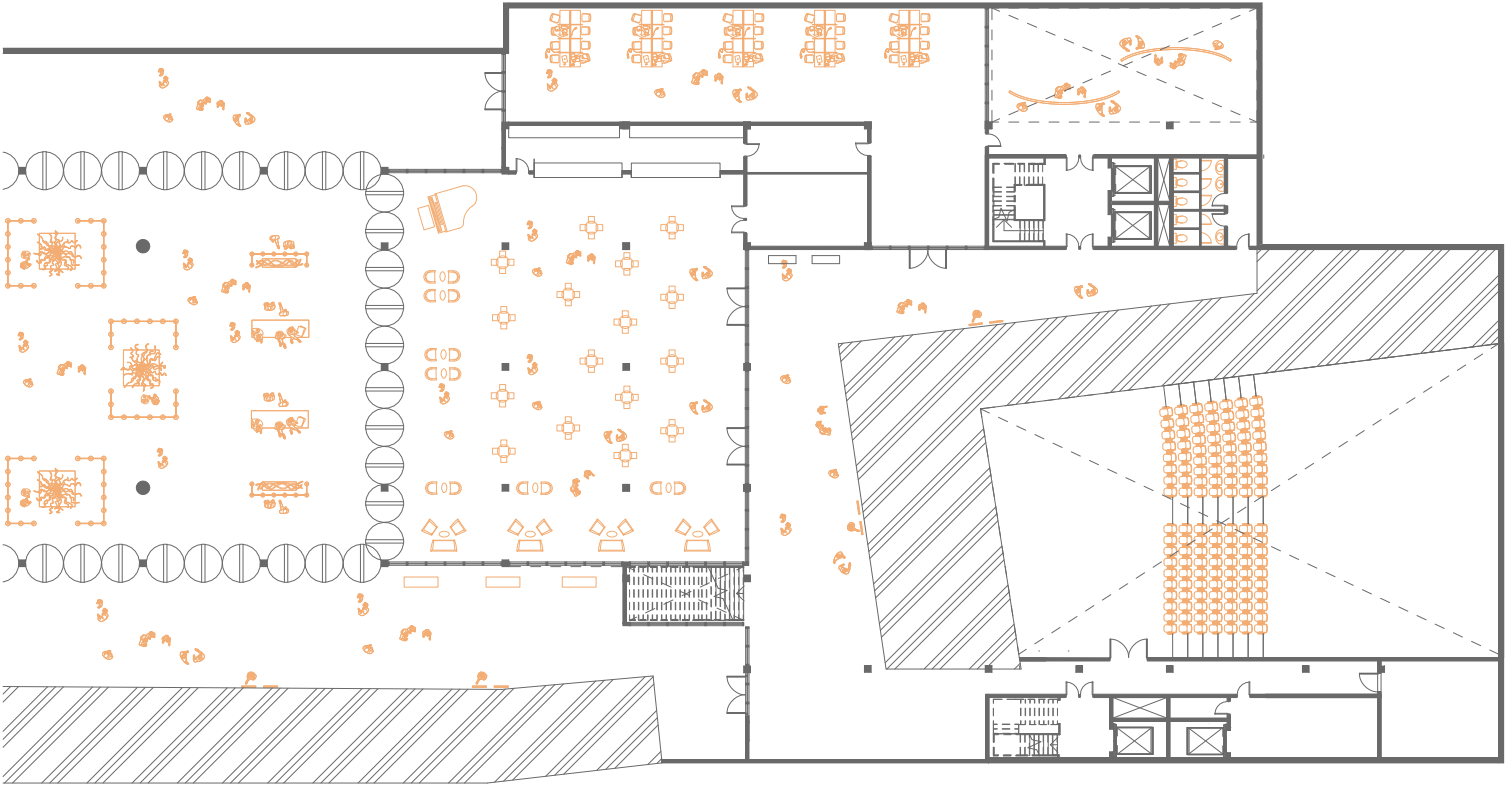
SITE

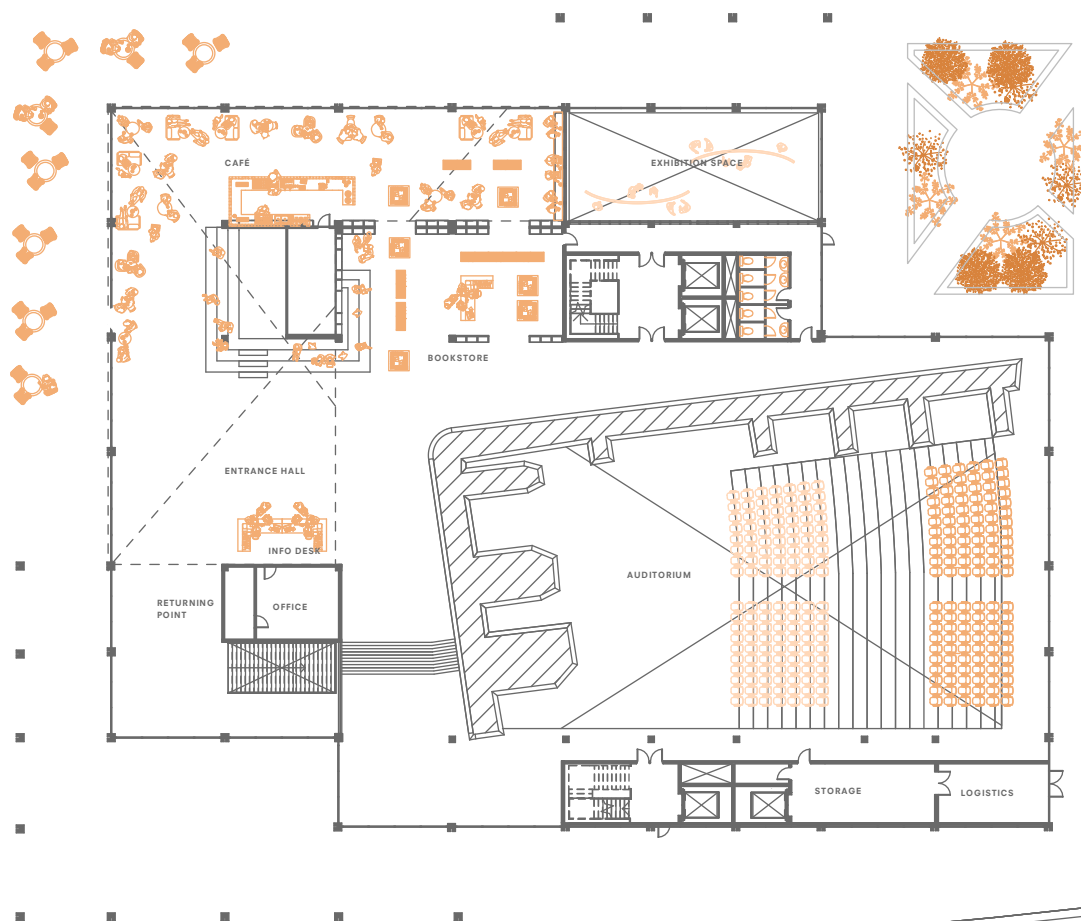
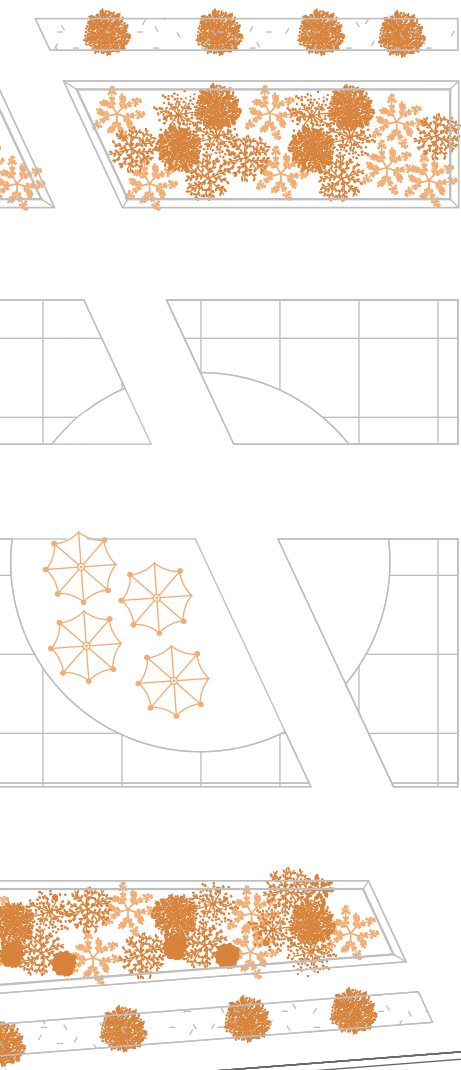


BUILDING OVERVIEW

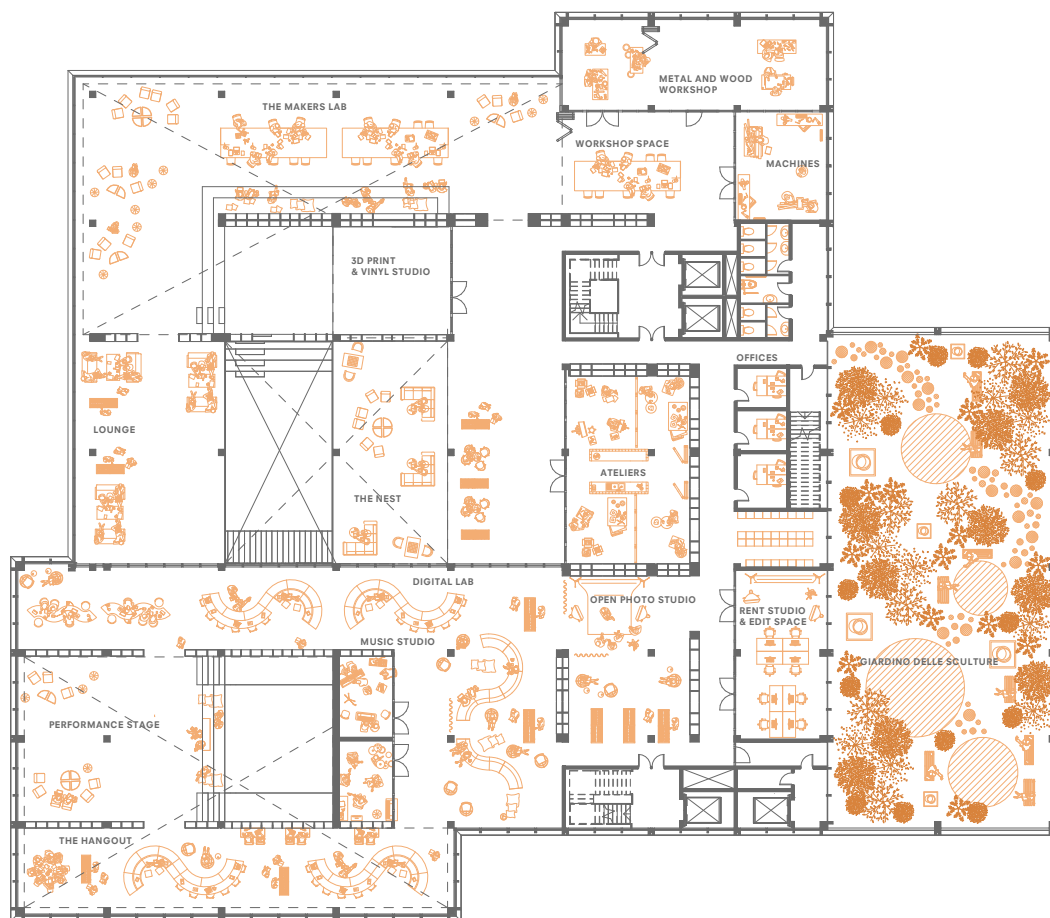


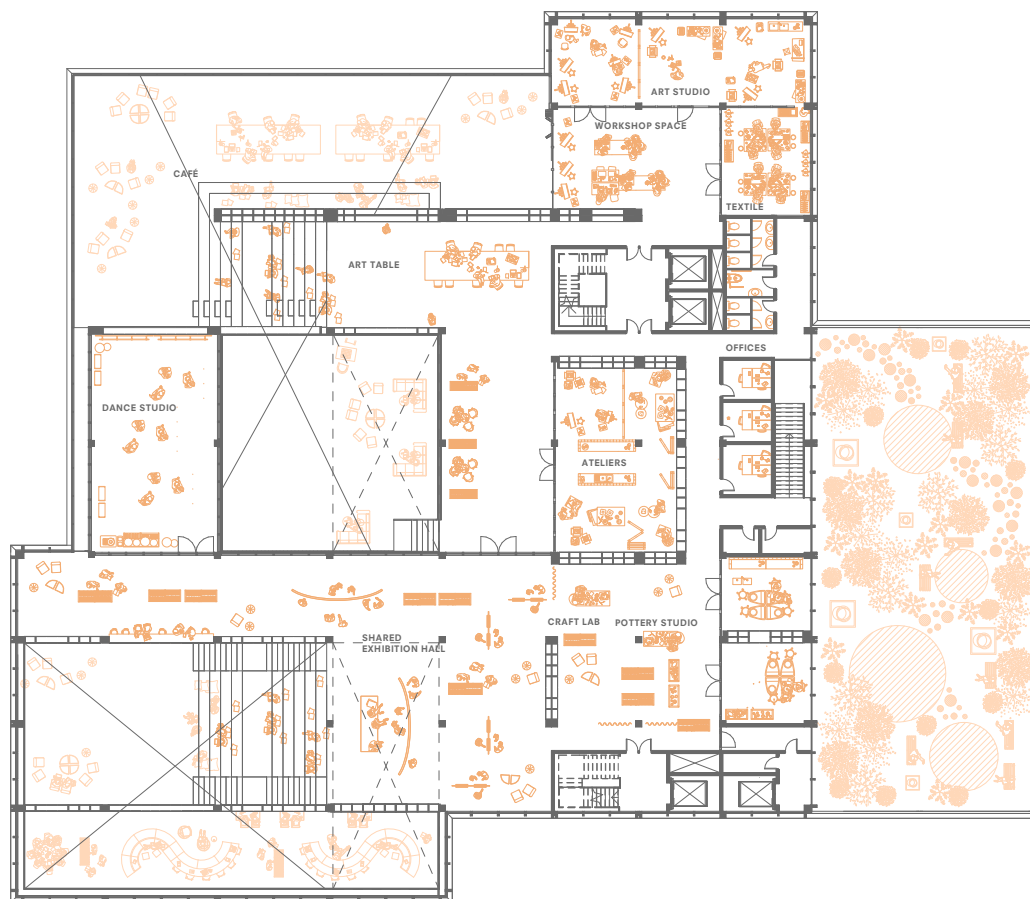


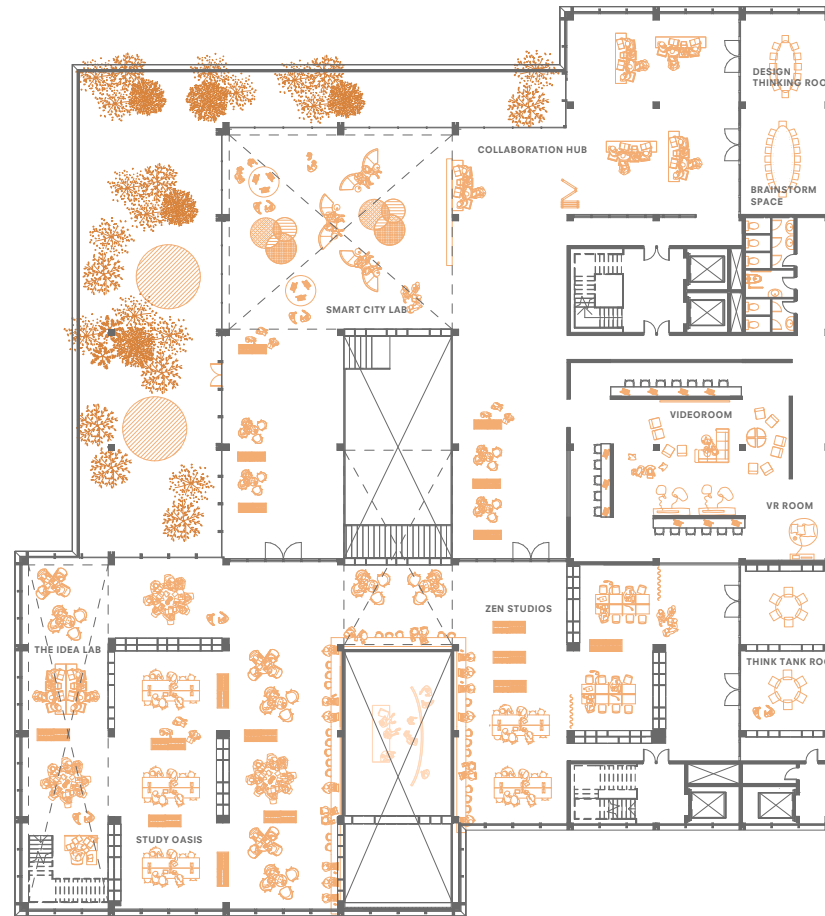






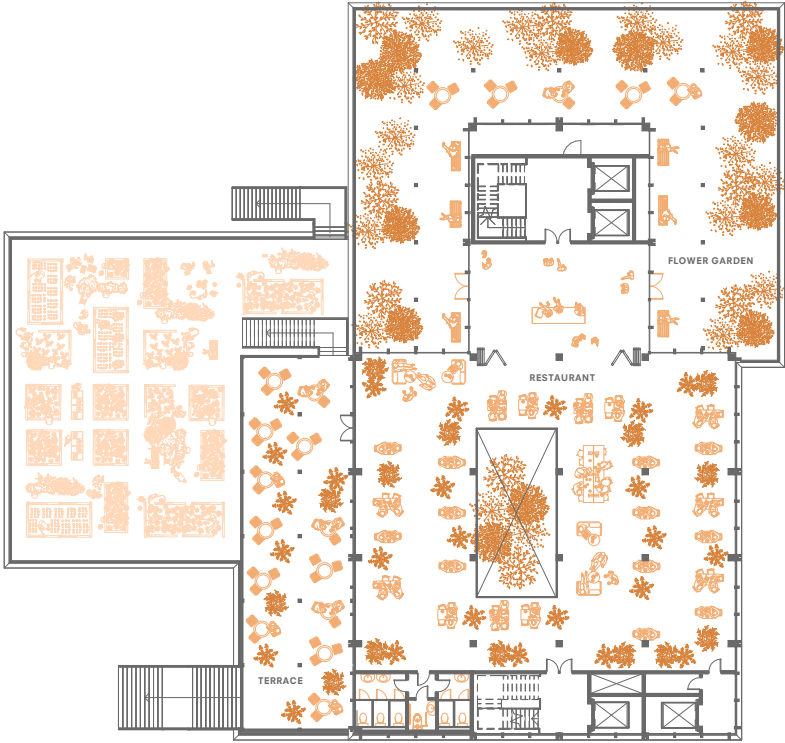








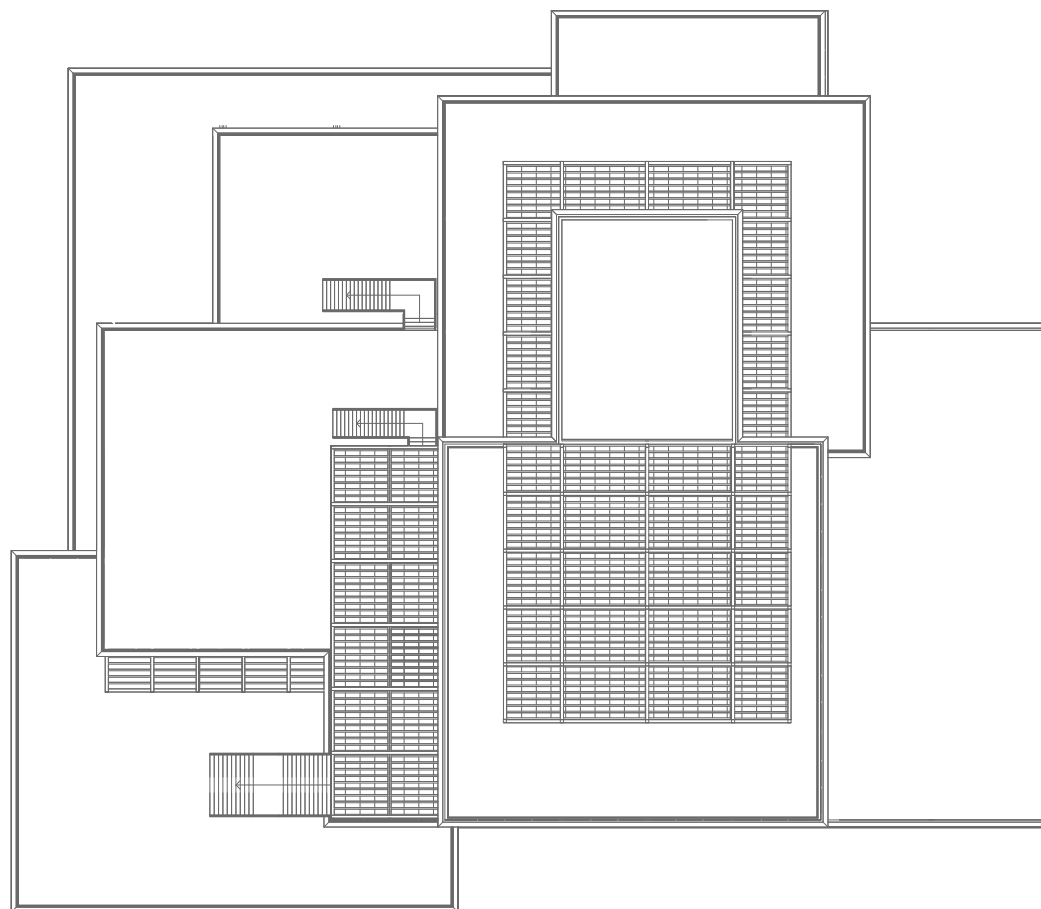




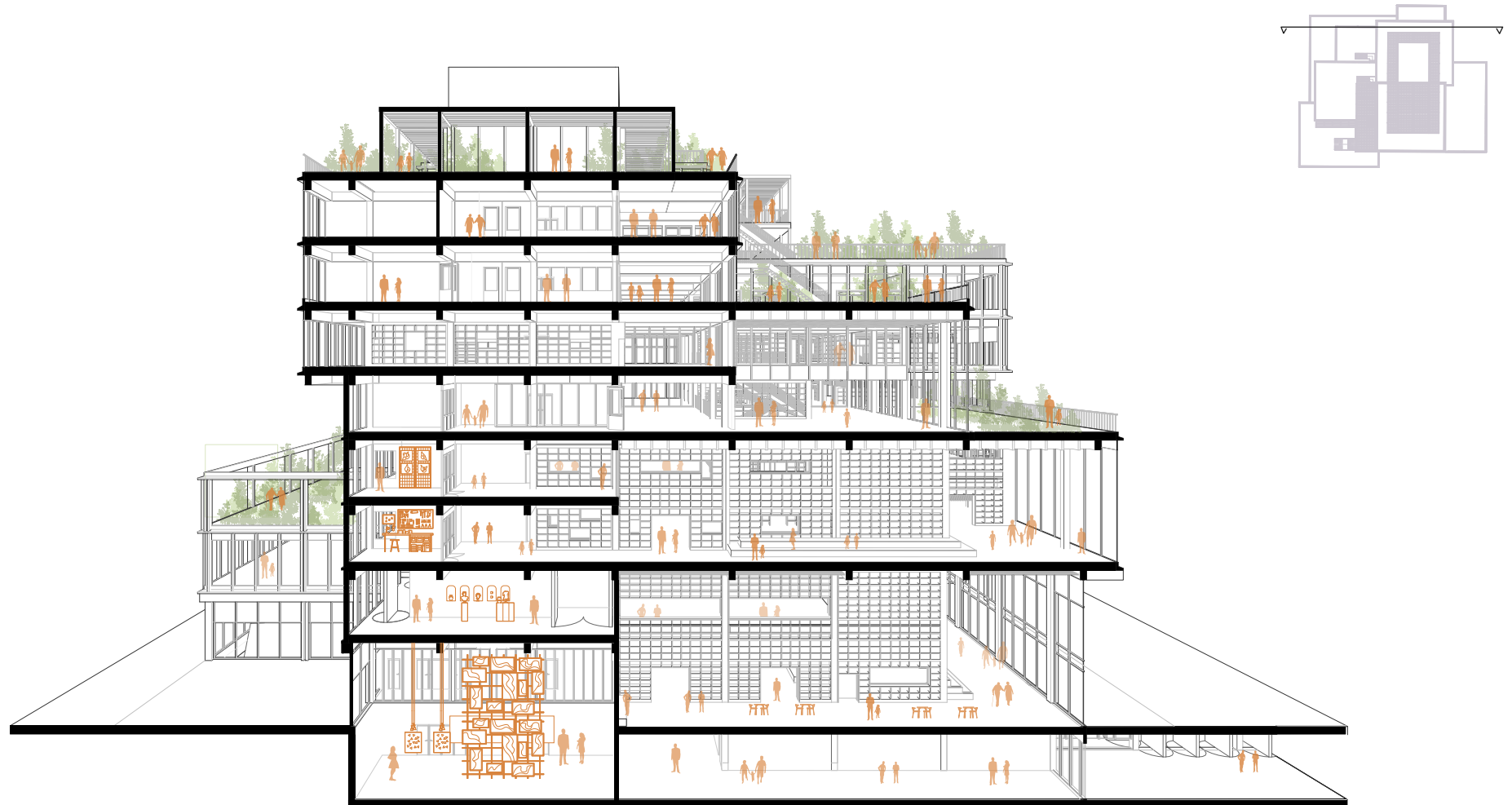


ROOF

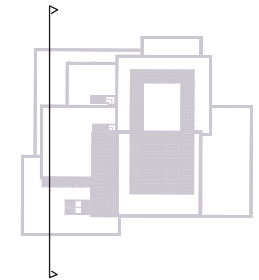
1:300



SECTION AA



SECTION BB



ELEVATION NORTH WEST

1:250



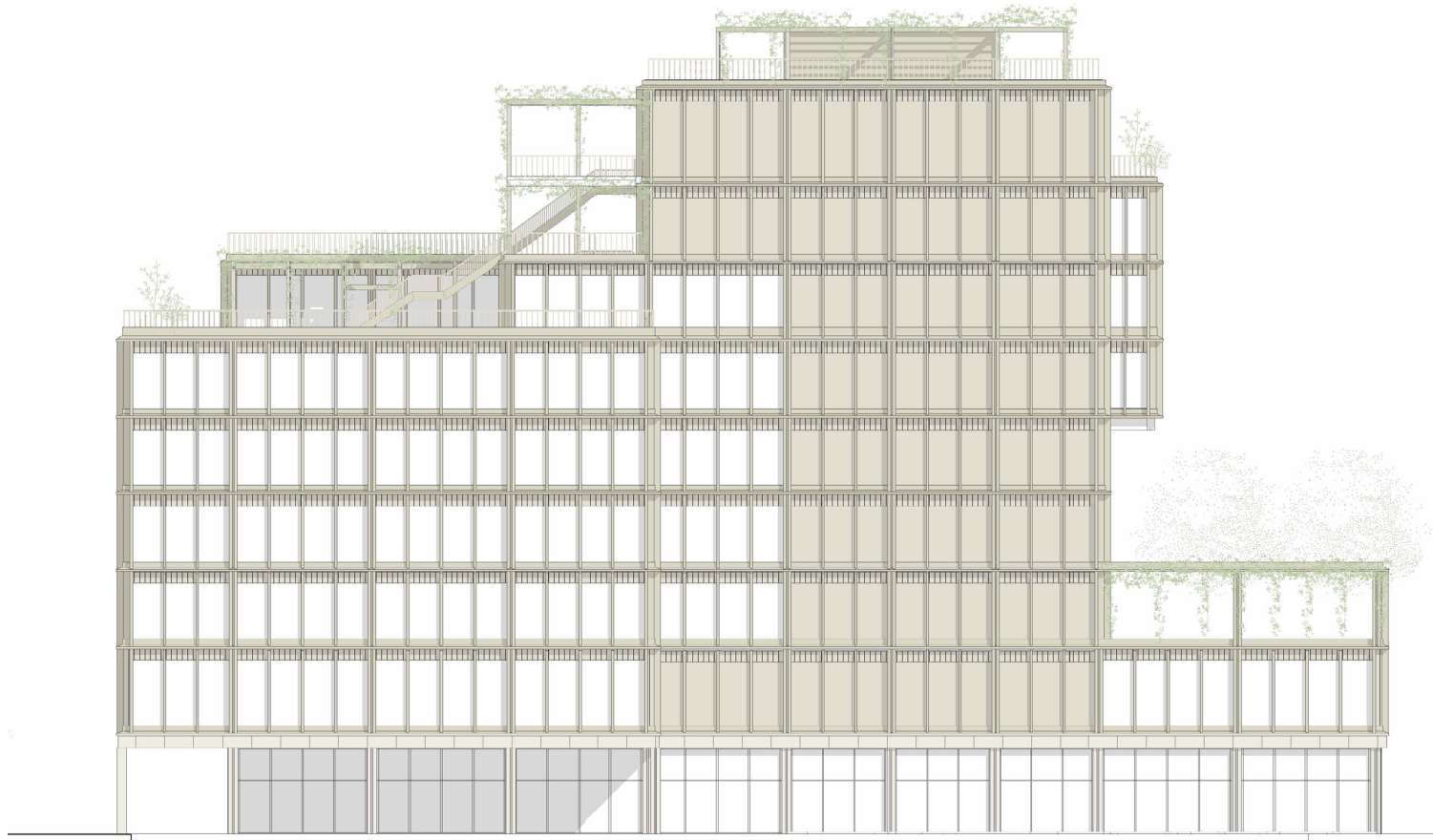
ELEVATION NORTH EAST

1:250



ELEVATION SOUTH WEST

1:250

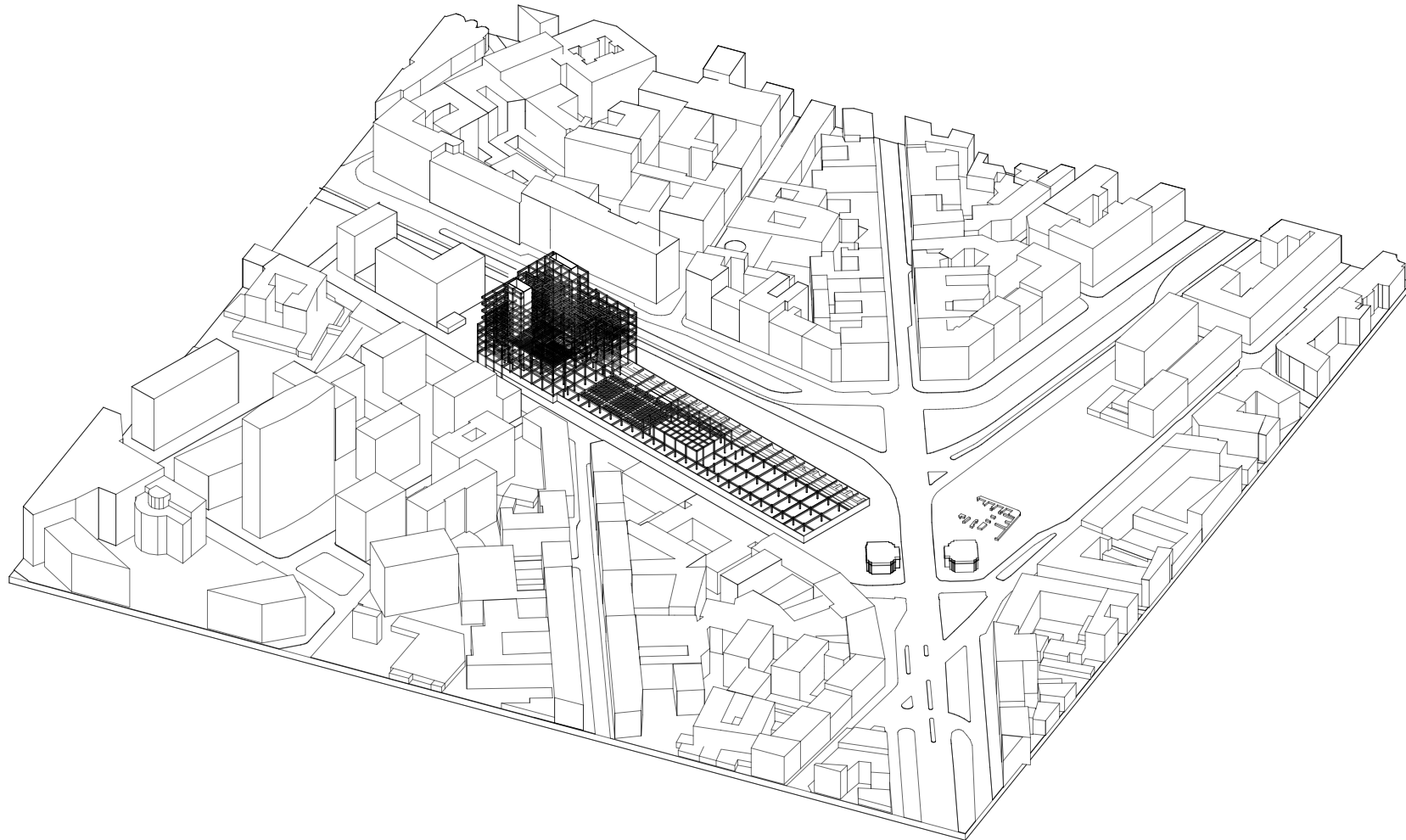


ELEVATION SOUTH EAST

1:250

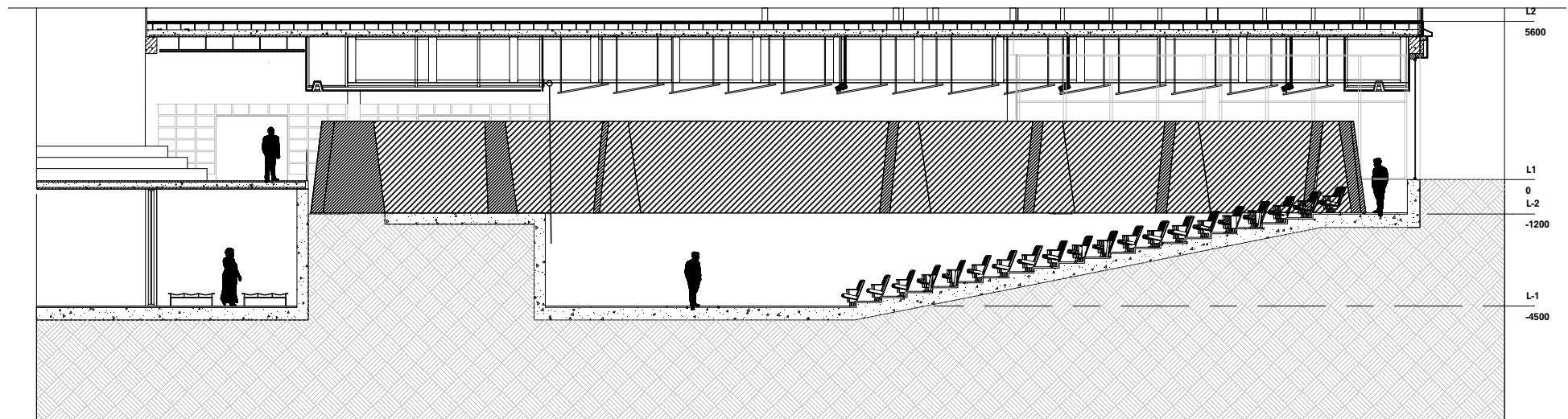


AXO STRUCTURE

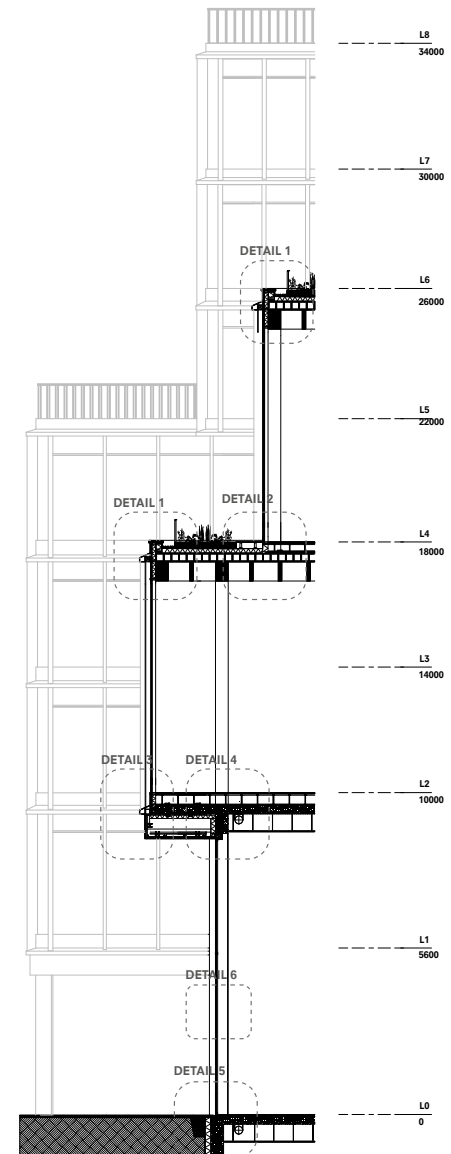


INTERIOR FRAGMENT

AUDITORIUM

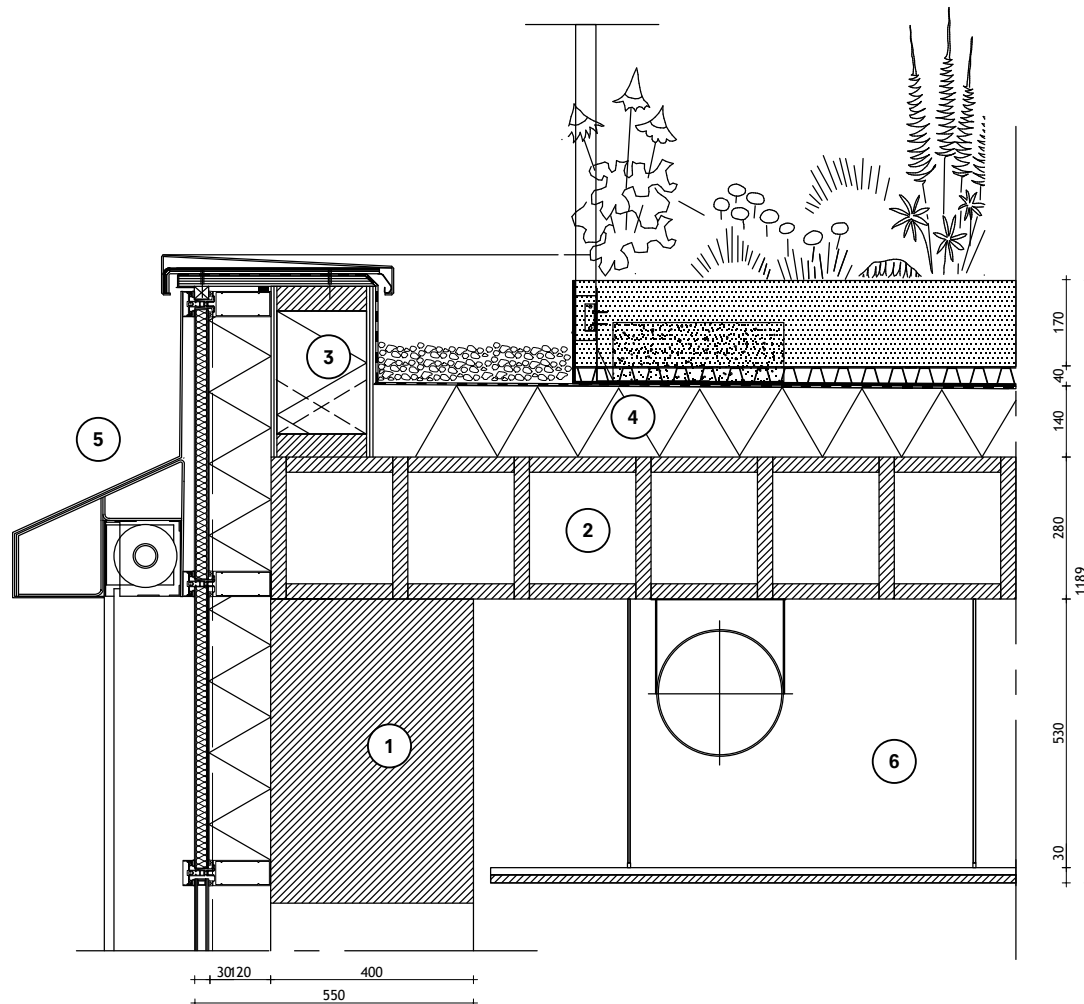


FACADE FRAGMENT



DETAIL 1

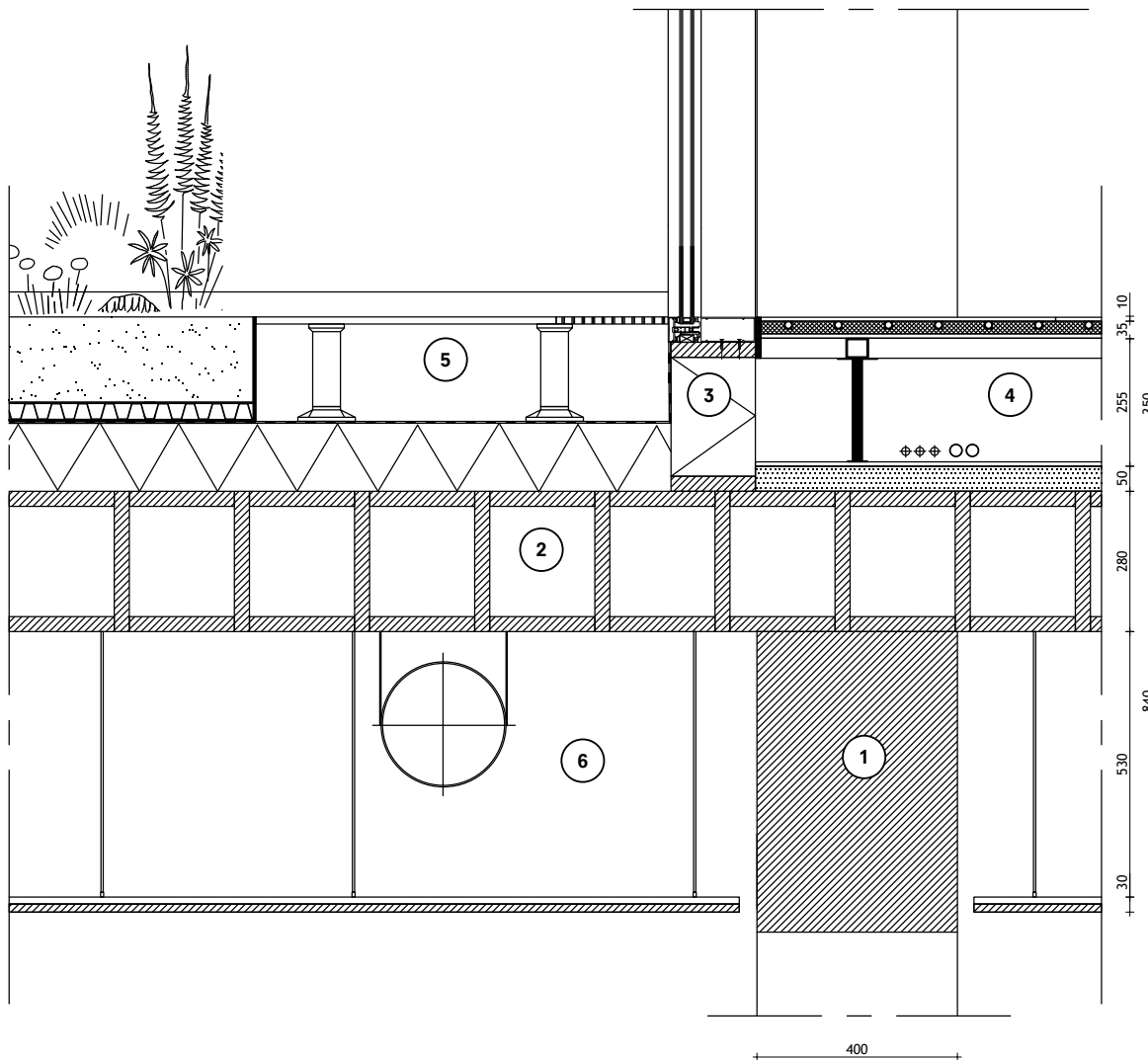
1:15



1. Timber construction beam 400x600 mm
2. Lignatur surface floor 280 mm
3. HSB-element for roof upstand, aluminium wall covering
4. Ballast layer, vegetation, railing, substrate 170 mm, filter layer, drainage layer, waterproof mechanical protection layer 3 mm, mineral wool insulation 240 mm, vapour barrier layer 3 mm
5. Aluminium curtain wall, with outside shading screens
6. Suspended ceiling, wooden slats, and space for installations

DETAIL 2

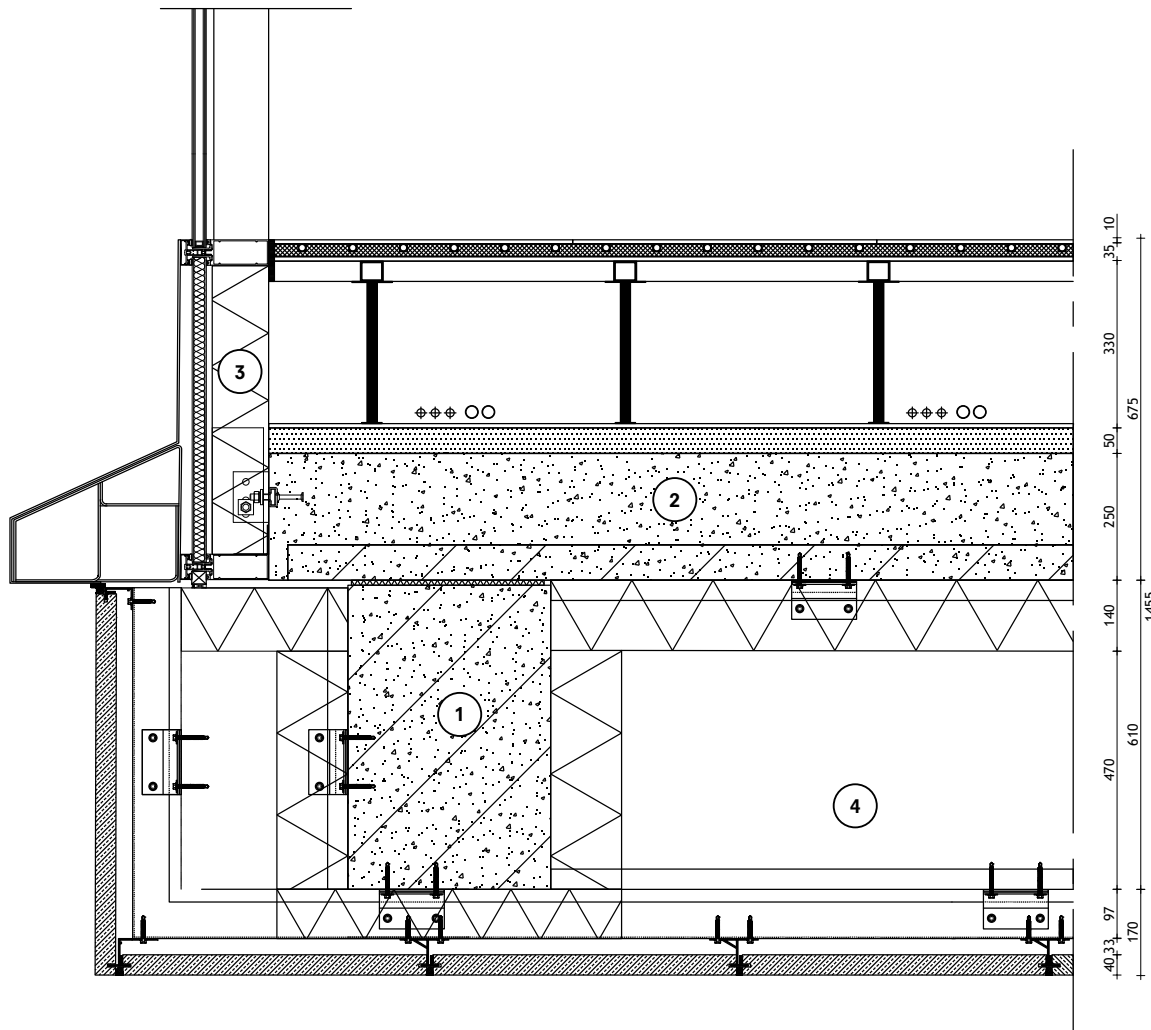
1:15



1. Timber construction beam 400x600 mm
2. Lignatur surface floor 280 mm
3. HSB-element, aluminium curtain wall
4. Raised access floor; marmoleum floor panels 600x600 mm (concrete look), underfloor heating screed 60 mm, stringers (steel profiles), adjustable pedestals (steel columns), rubber acoustic pad, load-bearing leveling layer 50 mm
5. Concrete tiles, tile supporters, threshold drain, waterproof mechanical protection layer 3 mm, mineral wool insulation 240 mm, vapour barrier layer 3 mm
6. Suspended ceiling, wooden slats, and space for installations

DETAIL 3

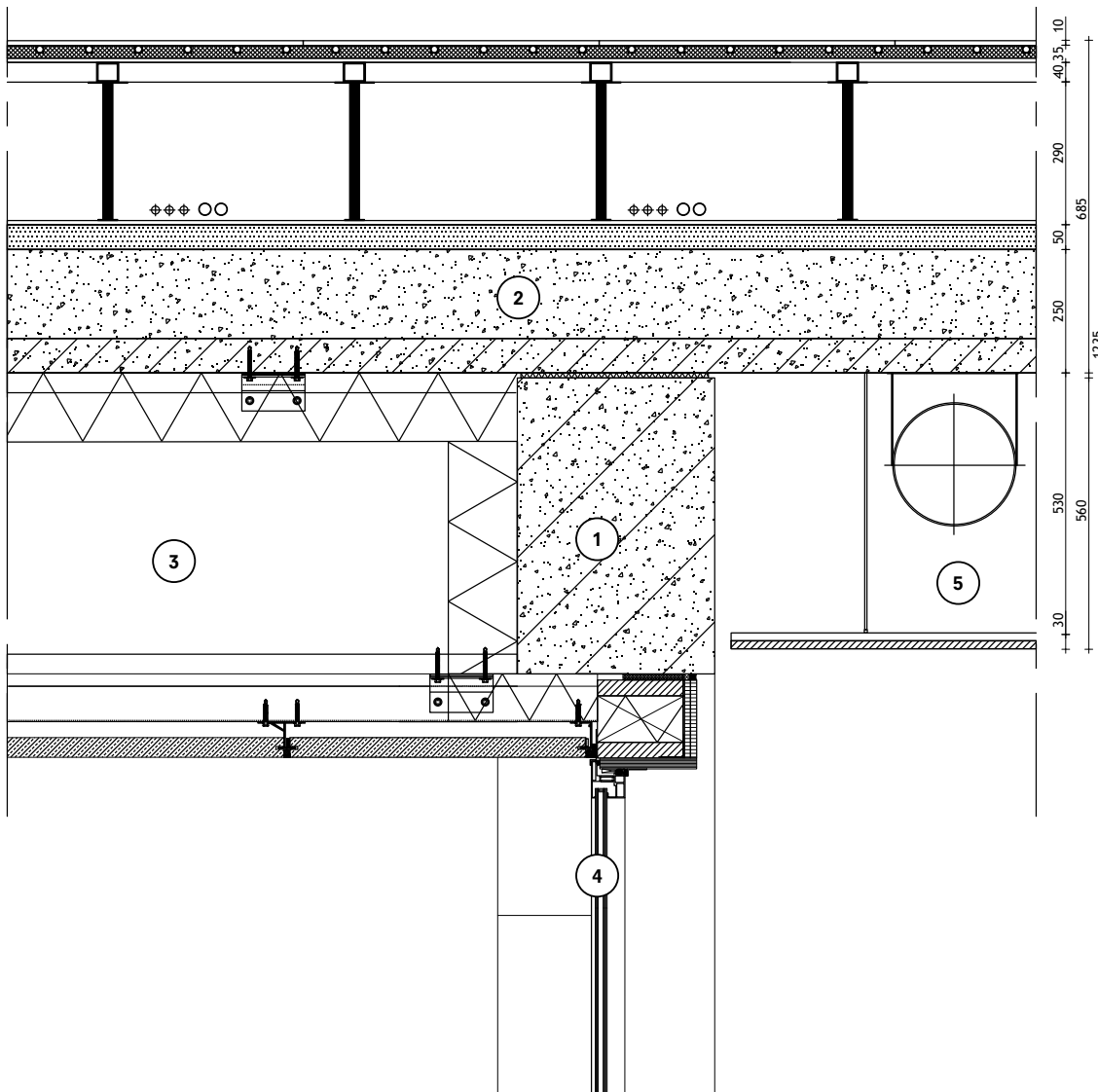
1:15



1. Concrete construction beam 400x600 mm
2. Raised access floor; marmoleum floor panels 600x600 mm (concrete look), underfloor heating screed 60 mm, stringers (steel profiles), adjustable pedestals (steel columns), rubber acoustic pad, load-bearing leveling layer 50 mm, wide slab floor 250 mm
3. Aluminium curtain wall with anodised aluminium sandwich panels and cover Travertine panel 40 mm, agraffe anchors, T aluminium rails, adjustable brackets, ventilated cavity with thermal insulation 130 mm, weather-resistive barrier, secondary steel frame (cold-formed C-studs), mineral wool insulation 140 mm
- 4.

DETAIL 4

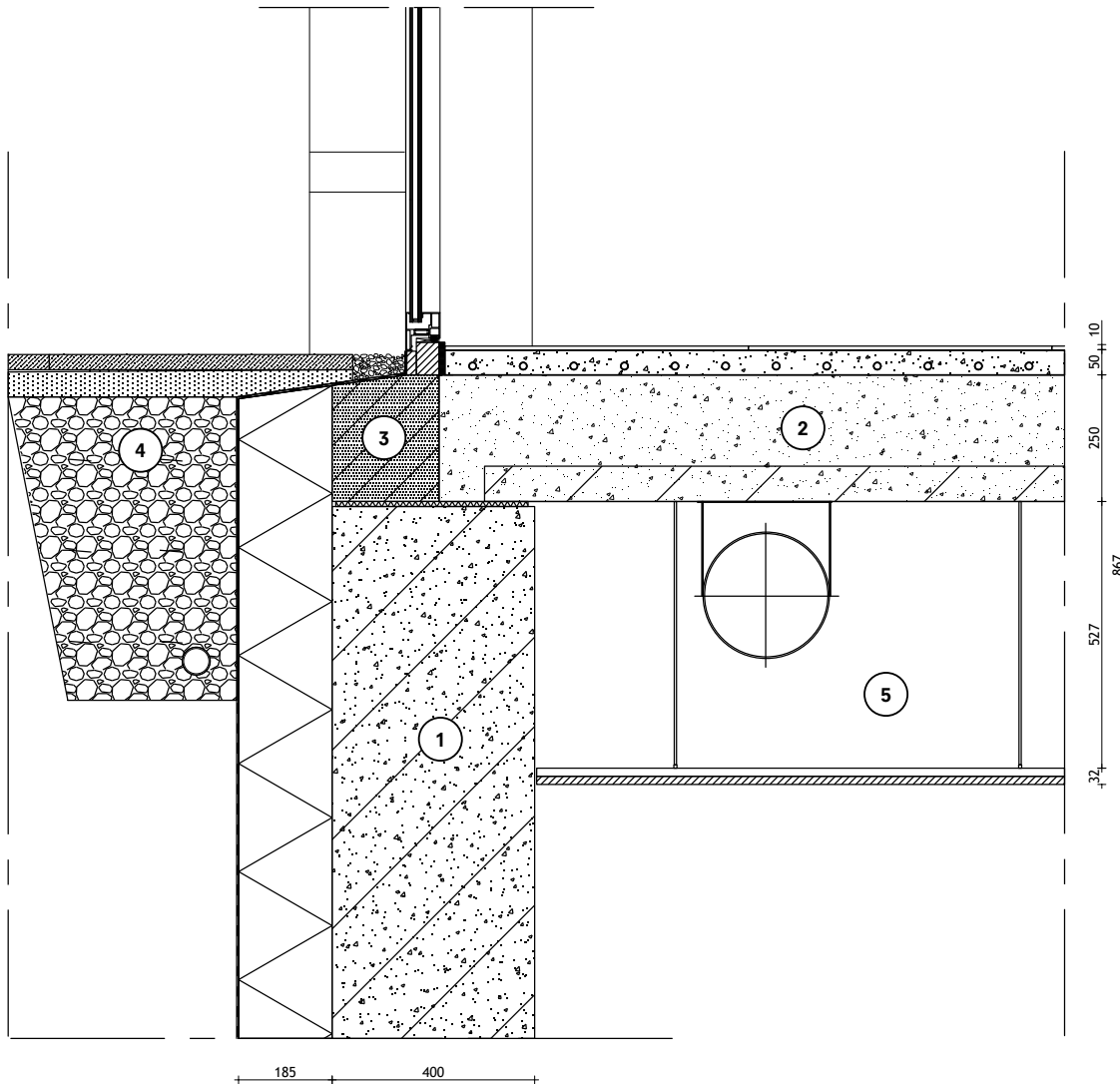
1:15



1. Concrete construction beam 400x600 mm
2. Raised access floor; marmoleum floor panels 600x600 mm (concrete look), underfloor heating screed 60 mm, stringers (steel profiles), adjustable pedestals (steel columns), rubber acoustic pad, load-bearing leveling layer 50 mm, wide slab floor 250 mm
3. Travertine panel 40 mm, agraffe anchors, T aluminium rails, adjustable brackets, ventilated cavity, weather-resistive barrier, secondary steel frame (cold-formed C-studs), mineral wool insulation 140 mm
4. HSB element with aluminium window wall system installed between structural concrete columns finished with travertine panels
5. Suspended ceiling, wooden slats, and space for installations

DETAIL 5

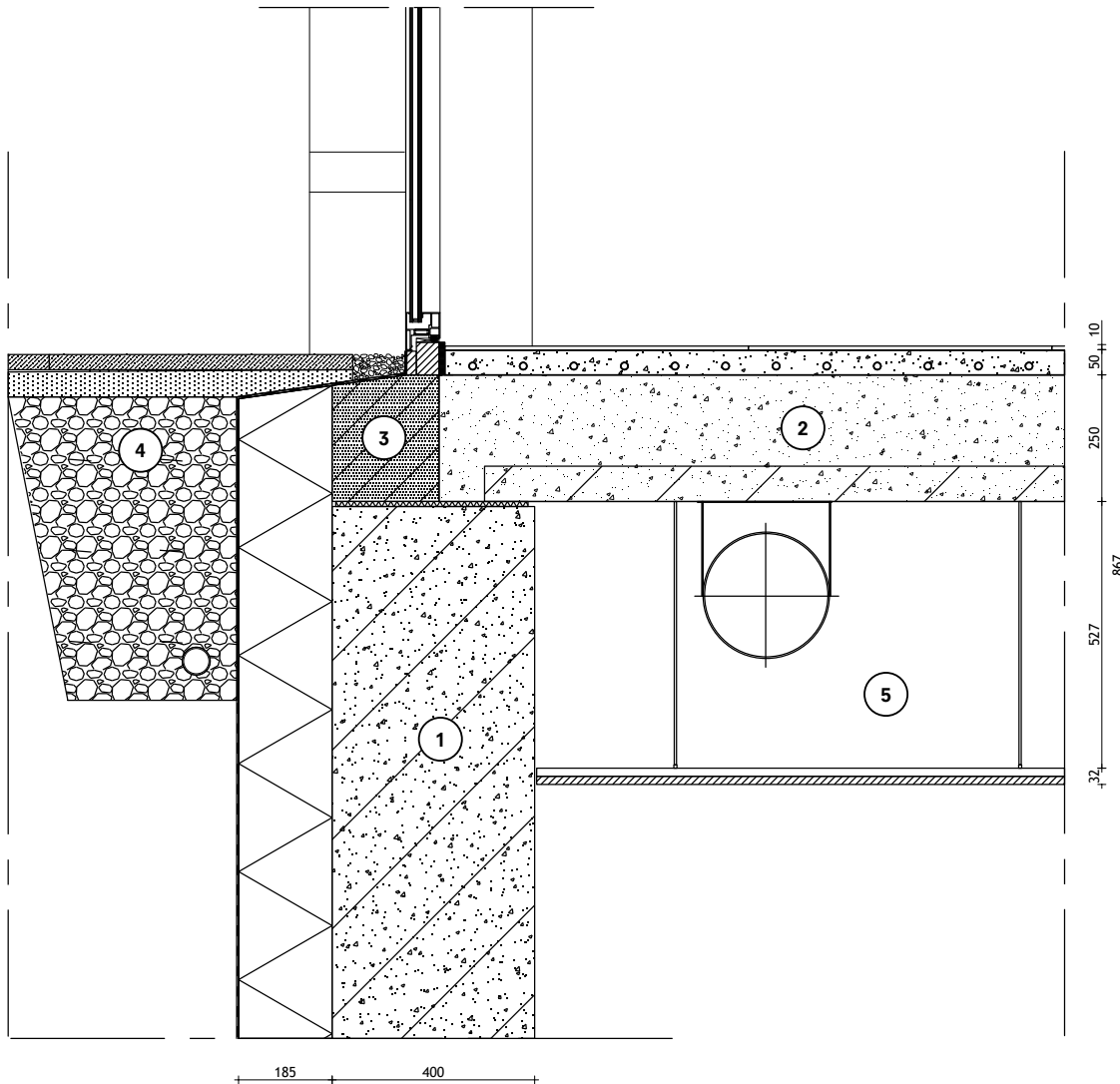
1:15



1. Concrete structure 400 mm
2. Marmoleum floor panels 600x600 mm (concrete look), floor screed with heating 50 mm, wide slab floor 250 mm
3. Aluminium window wall system installed between structural concrete columns finished with travertine panels, water-resistance layer, thermal insulation blocks at wall base, thermal insulation 185 mm (mineral wool)
4. Stone tiles 40 mm, compacted sand bed, drainage layer, water-permeable gravel, backfill soil
5. Suspended ceiling, wooden slats, and space for installations

DETAIL 5

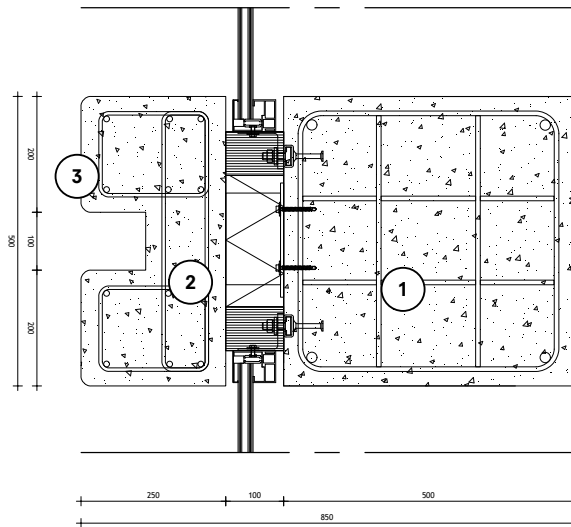
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1. Concrete structure 400 mm
2. Marmoleum floor panels 600x600 mm (concrete look), floor screed with heating 50 mm, wide slab floor 250 mm
3. Aluminium window wall system installed between structural concrete columns finished with travertine panels, water-resistance layer, thermal insulation blocks at wall base, thermal insulation 185 mm (mineral wool)
4. Stone tiles 40 mm, compacted sand bed, drainage layer, water-permeable gravel, backfill soil
5. Suspended ceiling, wooden slats, and space for installations

DETAIL 6

1:15



1. Load-bearing structure, reinforced concrete structure 400 mm
2. Aluminium window frames, mineral wool (80kg/m³) 100 mm, Vacuum Insulation Panels (VIP) 100 mm, water-resistance layer
3. A prefabricated reinforced concrete element 250 mm with a travertine aggregate surface finish 4 mm, treated with a hydrophobic coating to provide water repellency and protection against soiling and discoloration