

COMPLEX PROJECTS GRADUATION STUDIO - P5.0

FEDERAL FOREIGN OFFICE, BERLIN // P5 DRAWING SET

Group 00 - Bodies, Building, Berlin

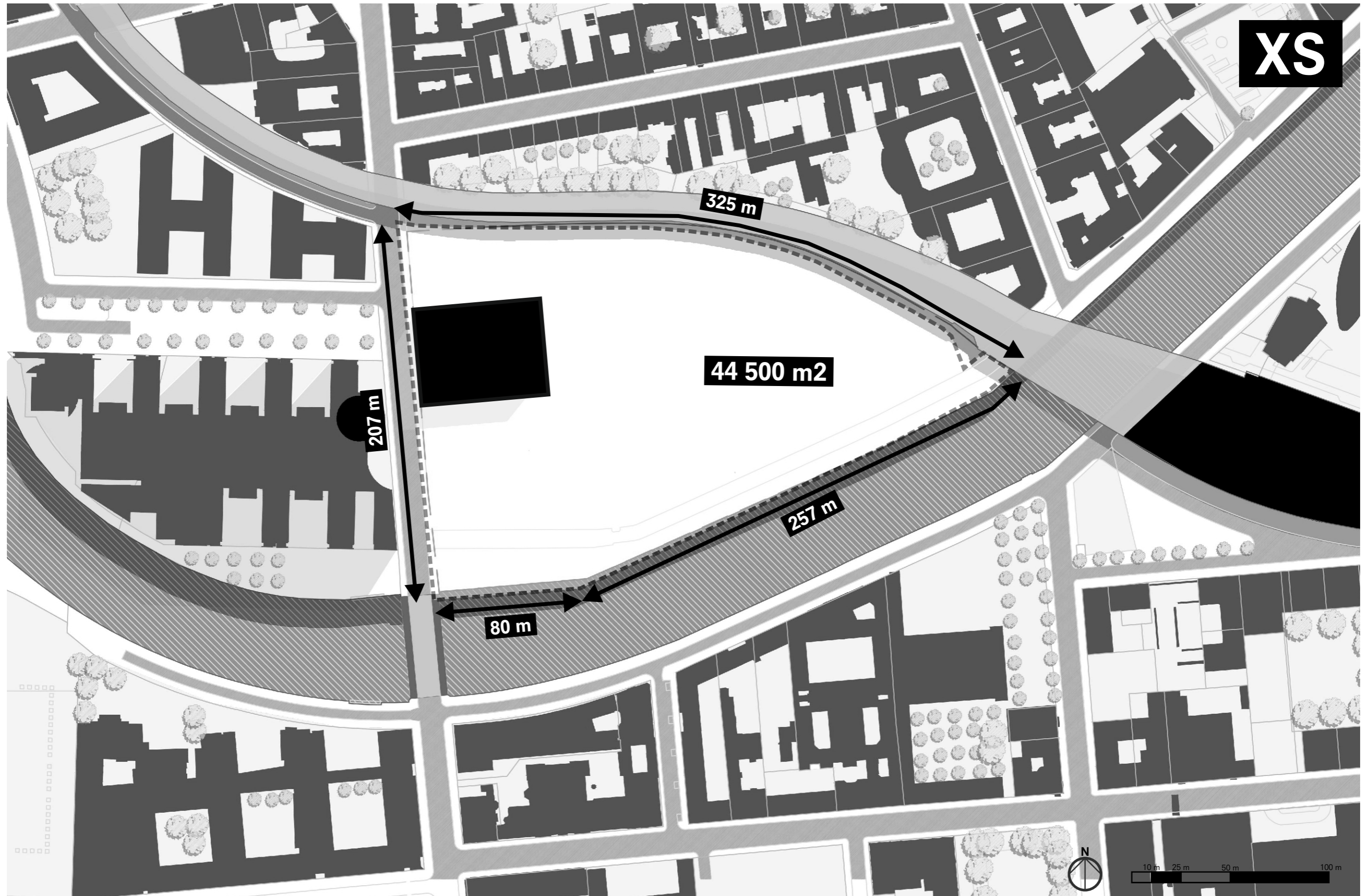
Stepan Serdiukov
19/01/2023

Concept

Architectural ensemble



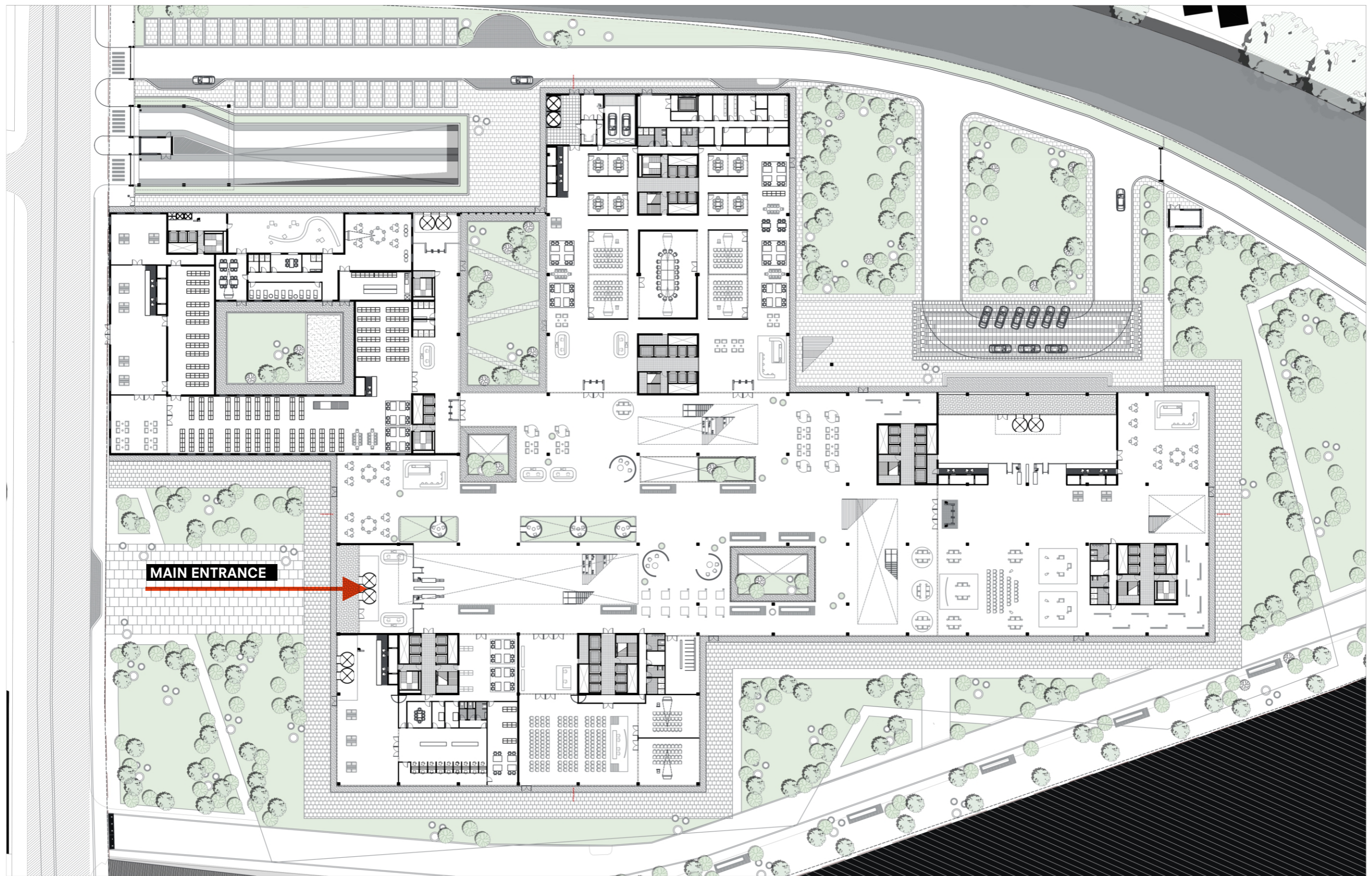
Concept
Site



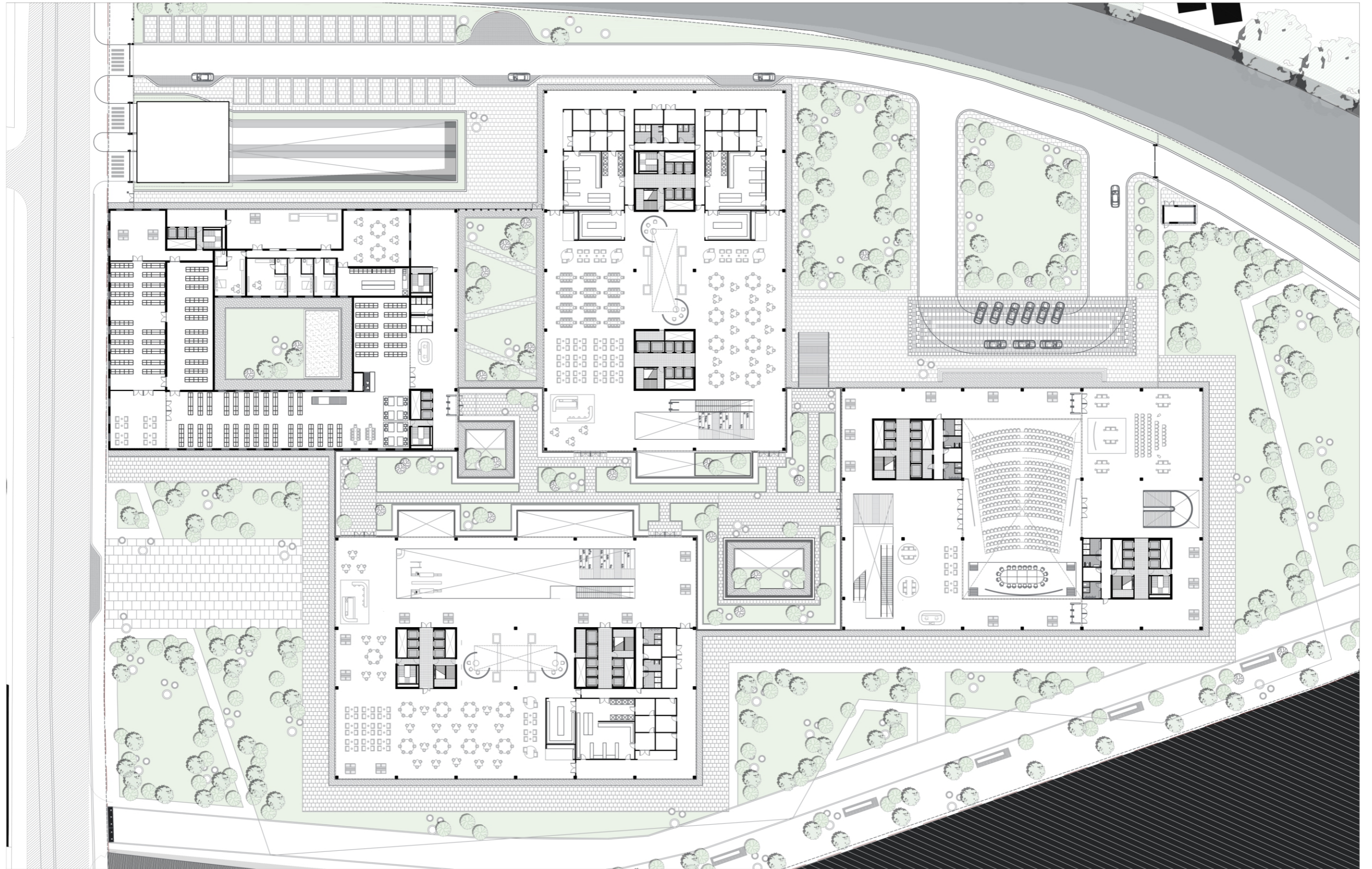
Implementation
Plan 1 : 2000



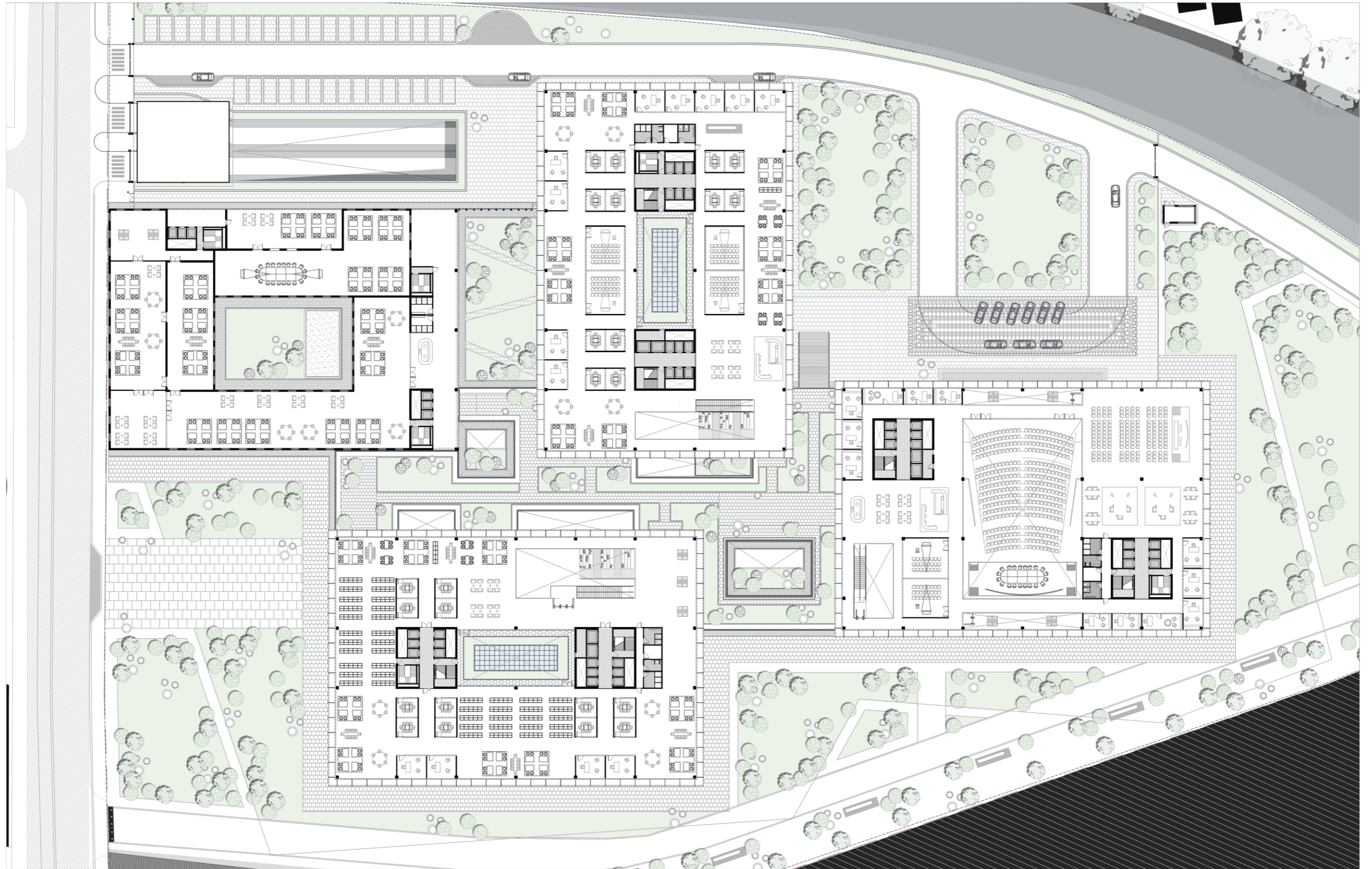
Implementation
Ground floor 1:500



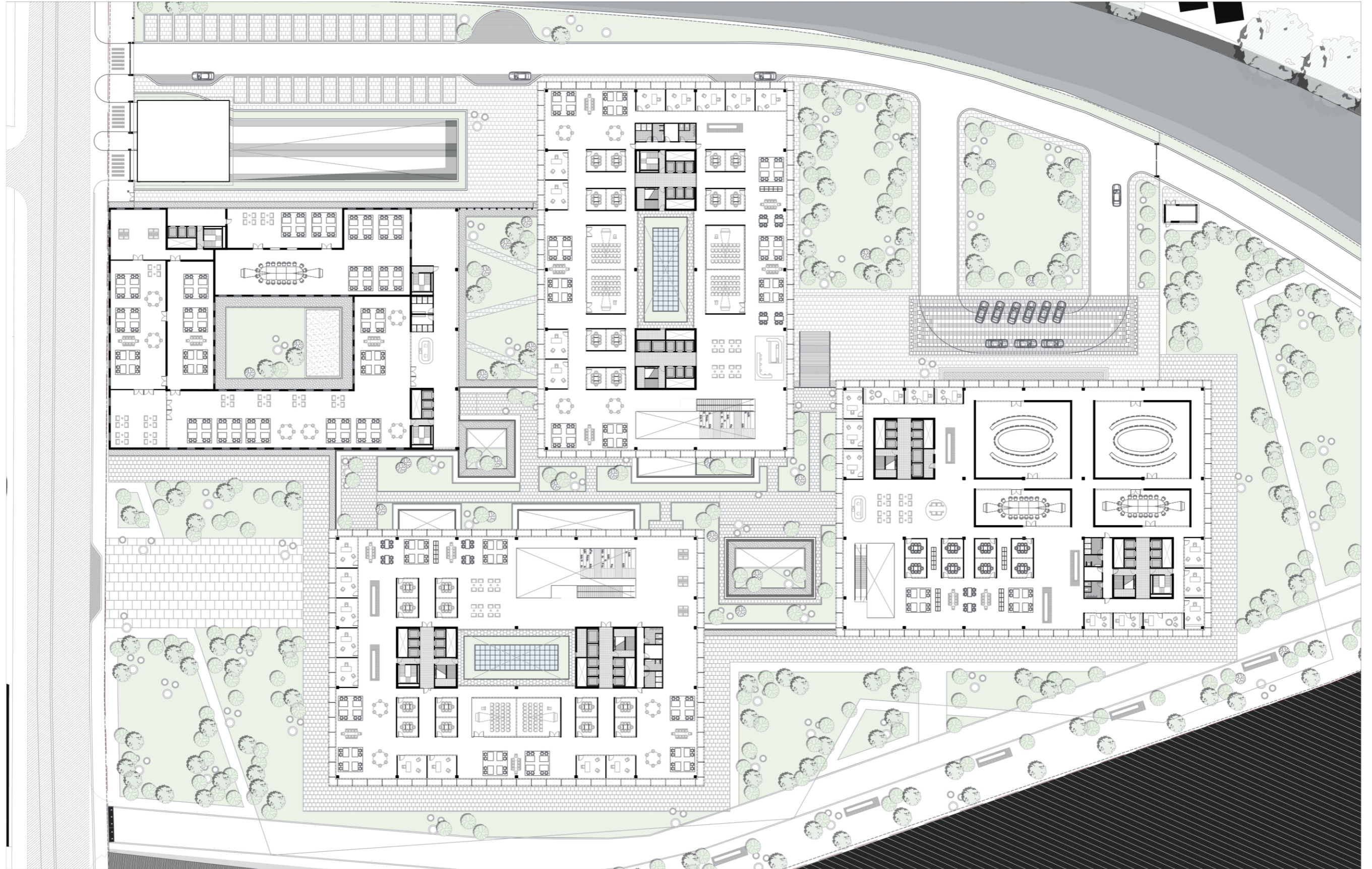
Implementation
01 floor 1:500



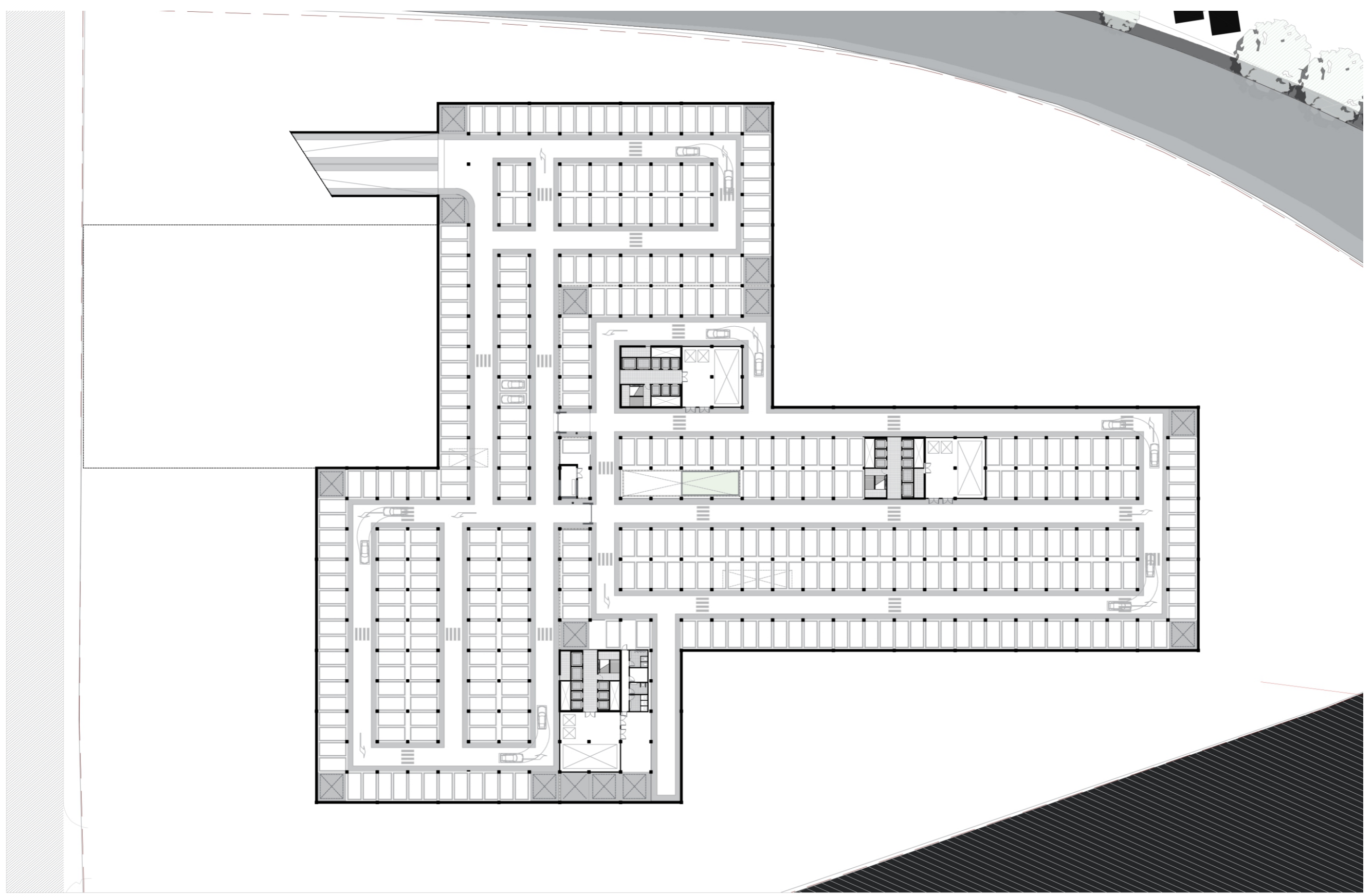
Implementation
02 floor 1:500



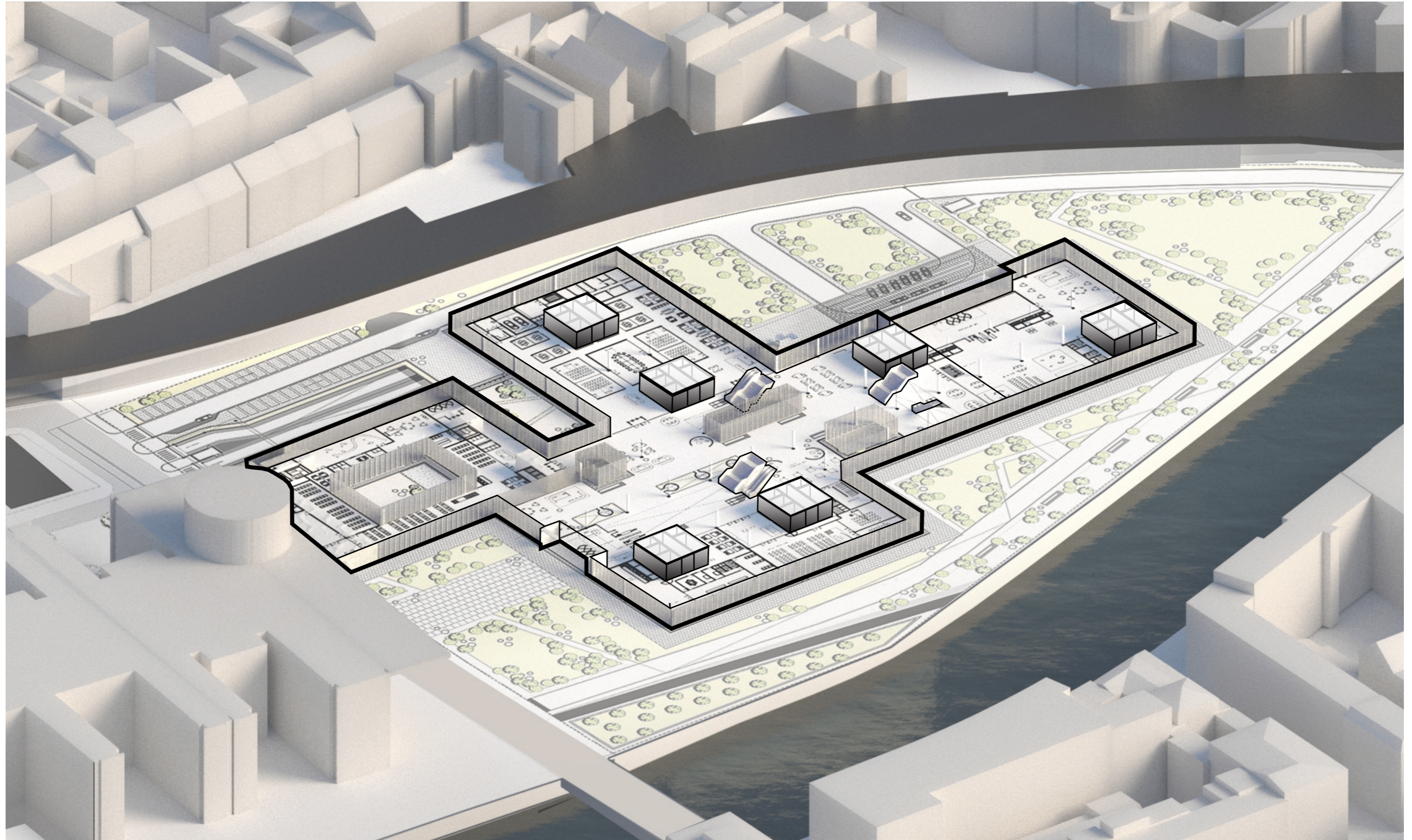
Implementation
03 floor 1:500



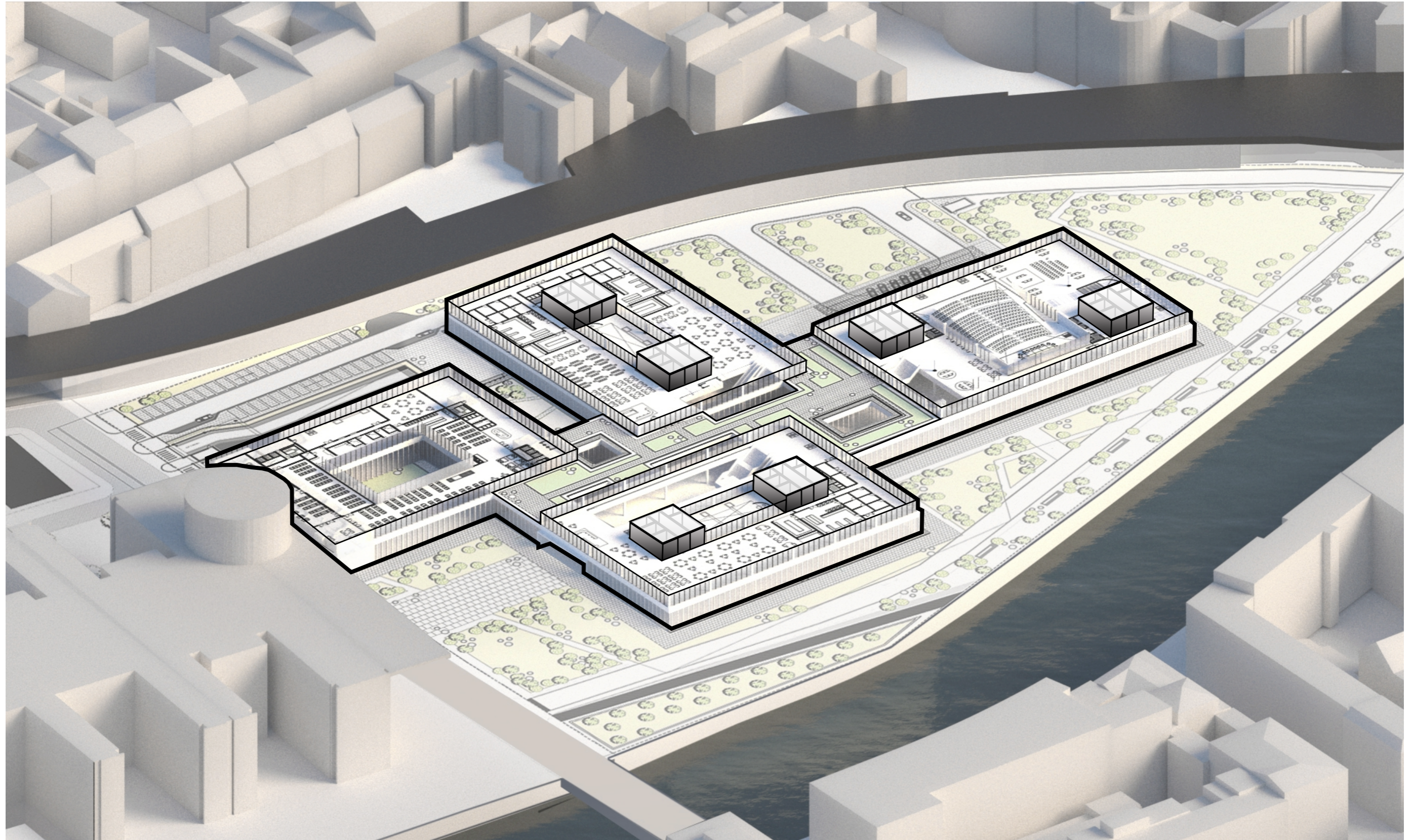
Implementation
Underground parking facilities



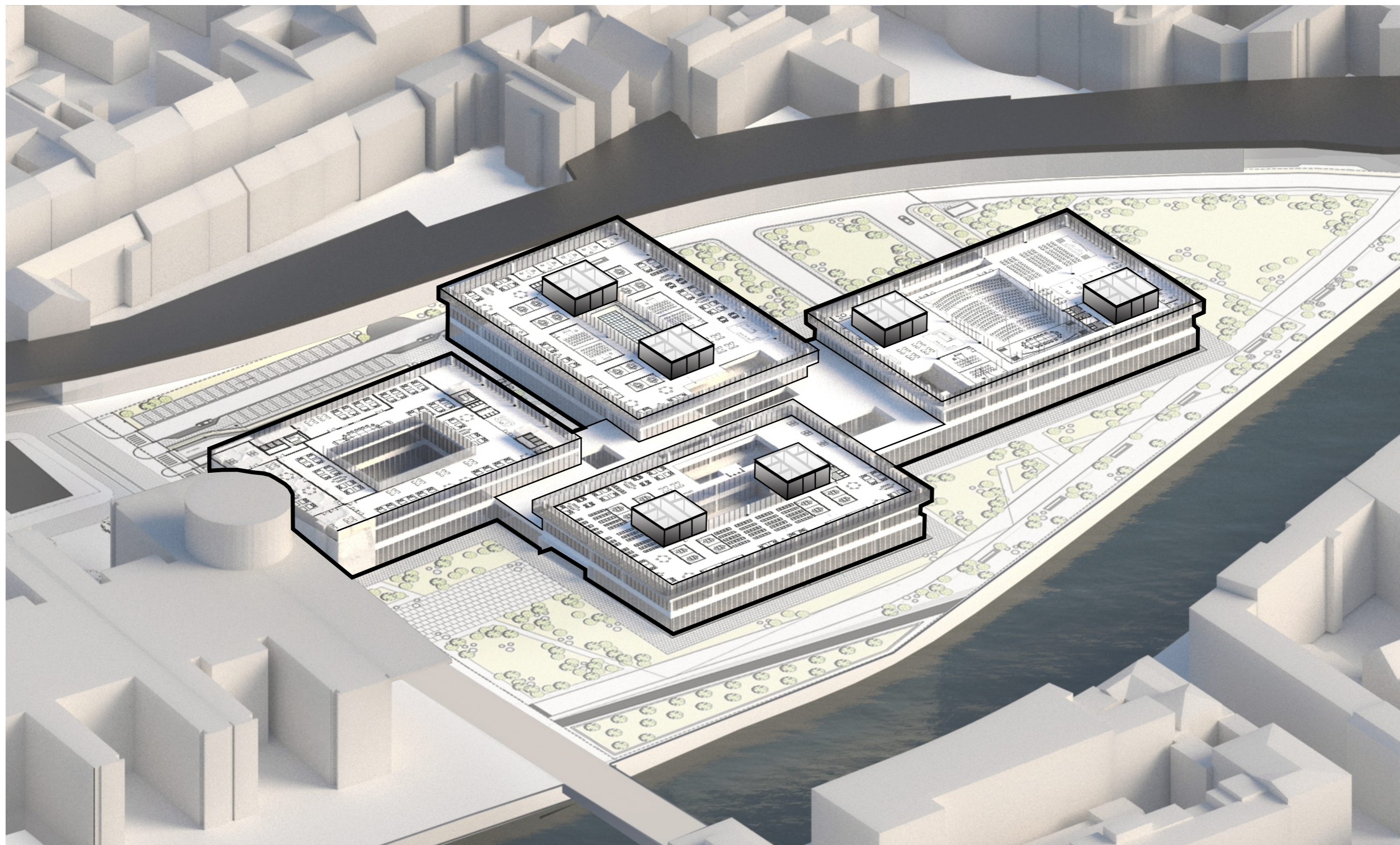
Implementation
Media route



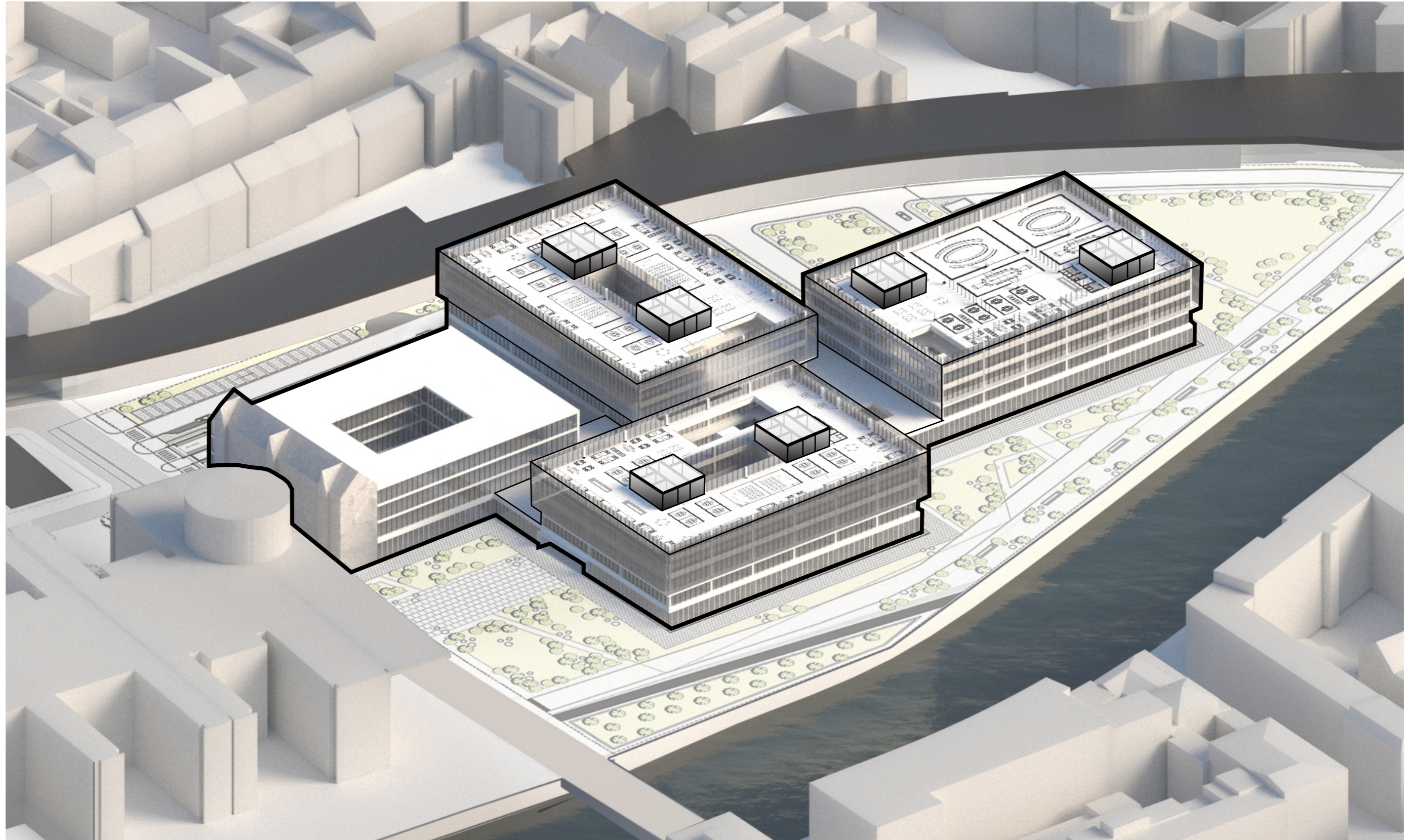
Implementation
Media route



Implementation
Citizen route

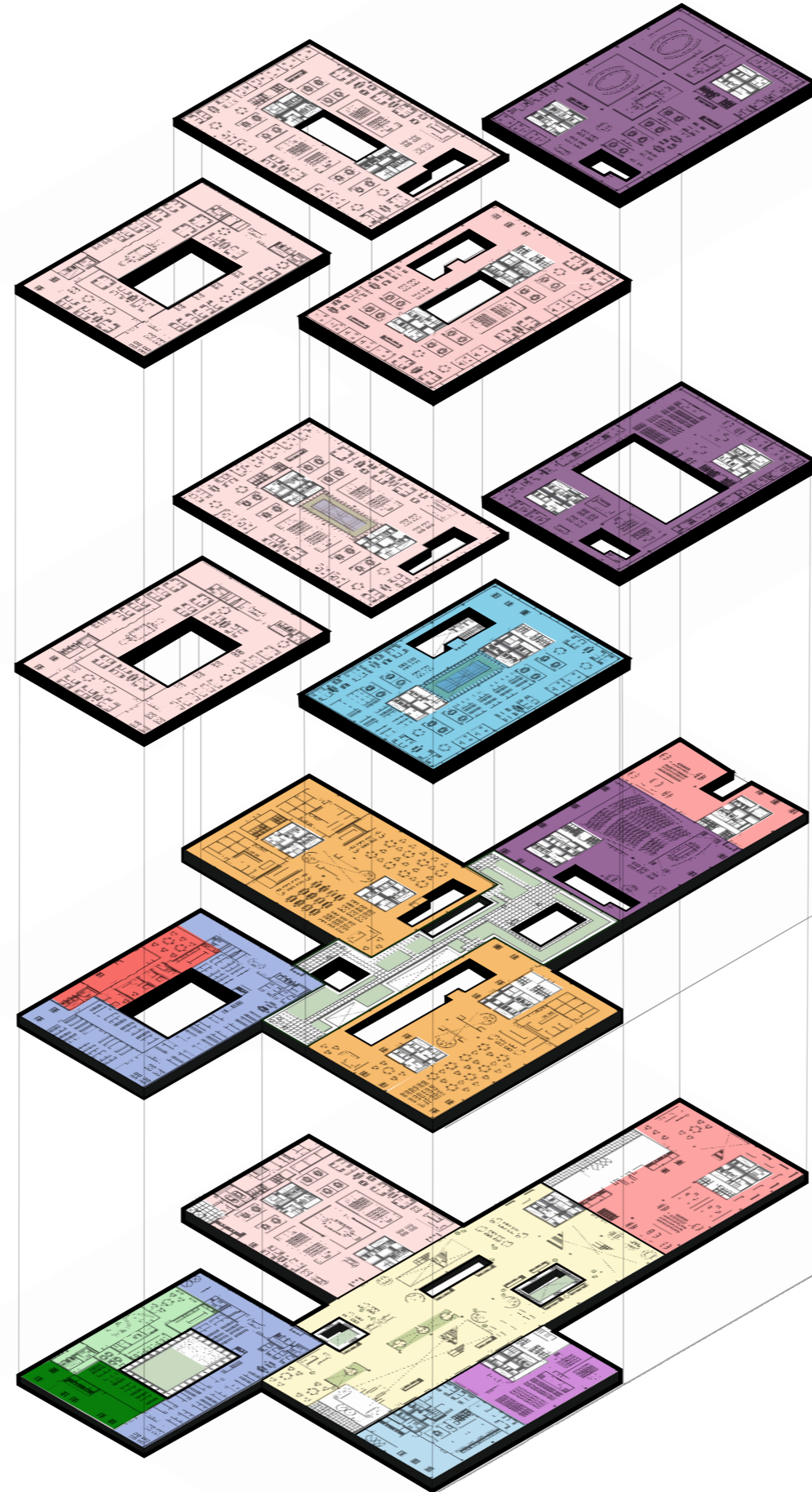


Implementation
Accredited persons route




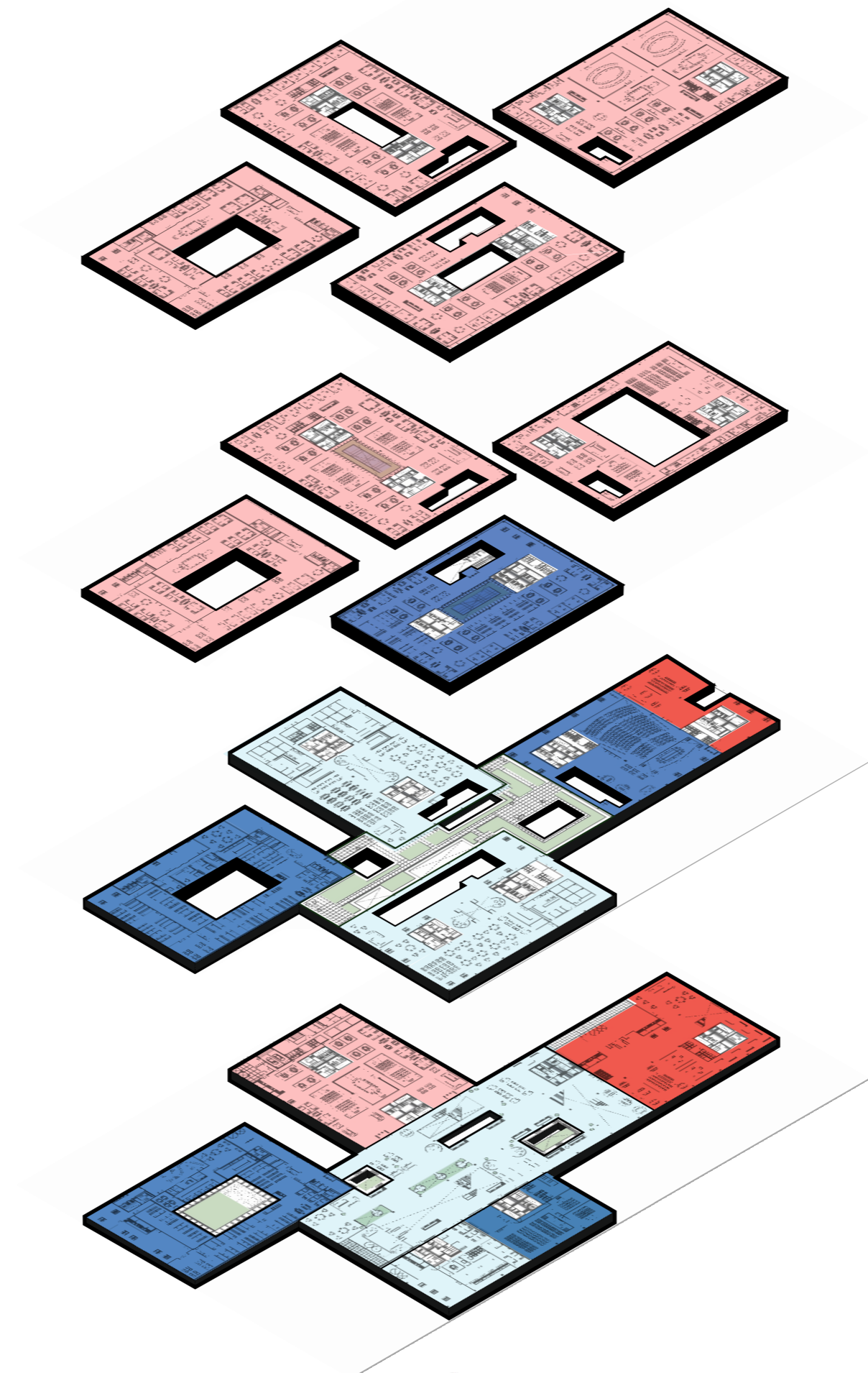
Implementation Program

- POST
- CATERING
- INTERNATIONAL CONFERENCE
- APARTMENTS
- PROTOCOL
- MINISTRY
- KINDERGARTEN
- ARCHIVE
- CENTRAL HALL
- IMMIGRATION
- MEDIA ZONE / CONFERENCE

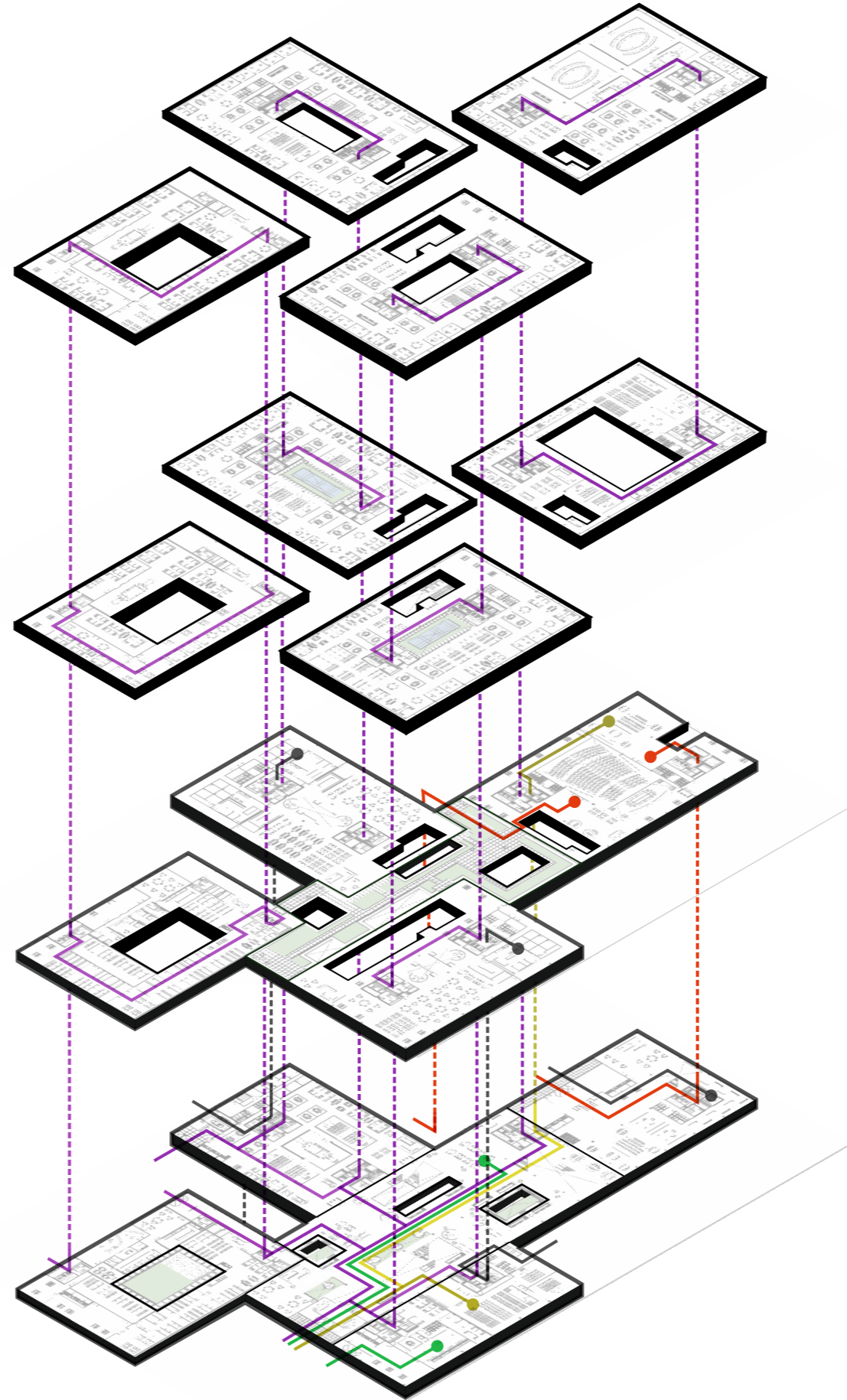


Security and accessibility zones

-  - ZONE 4
-  - ZONE 3
-  - ZONE 2
-  - ZONE 1

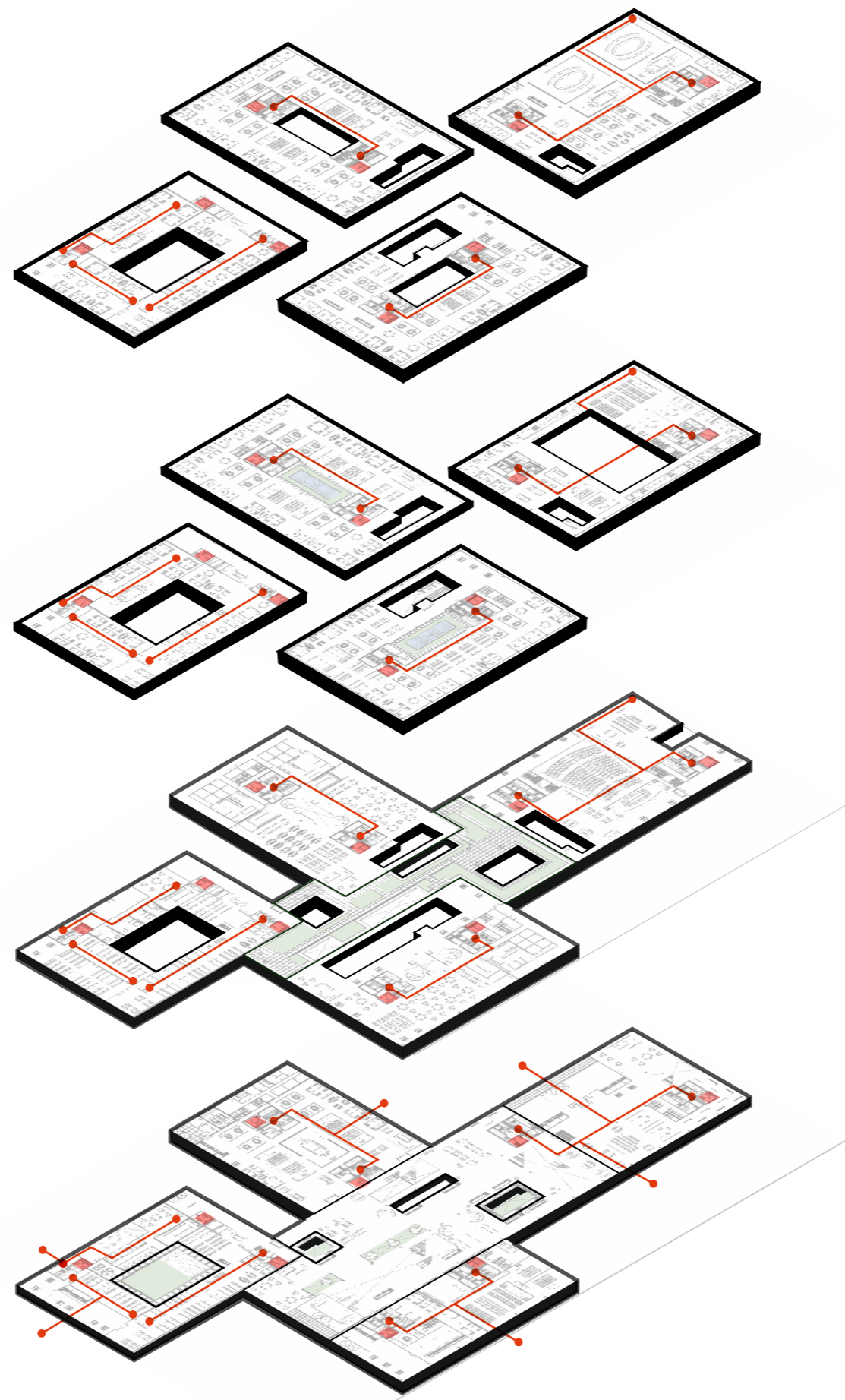


Implementation
Circulation division



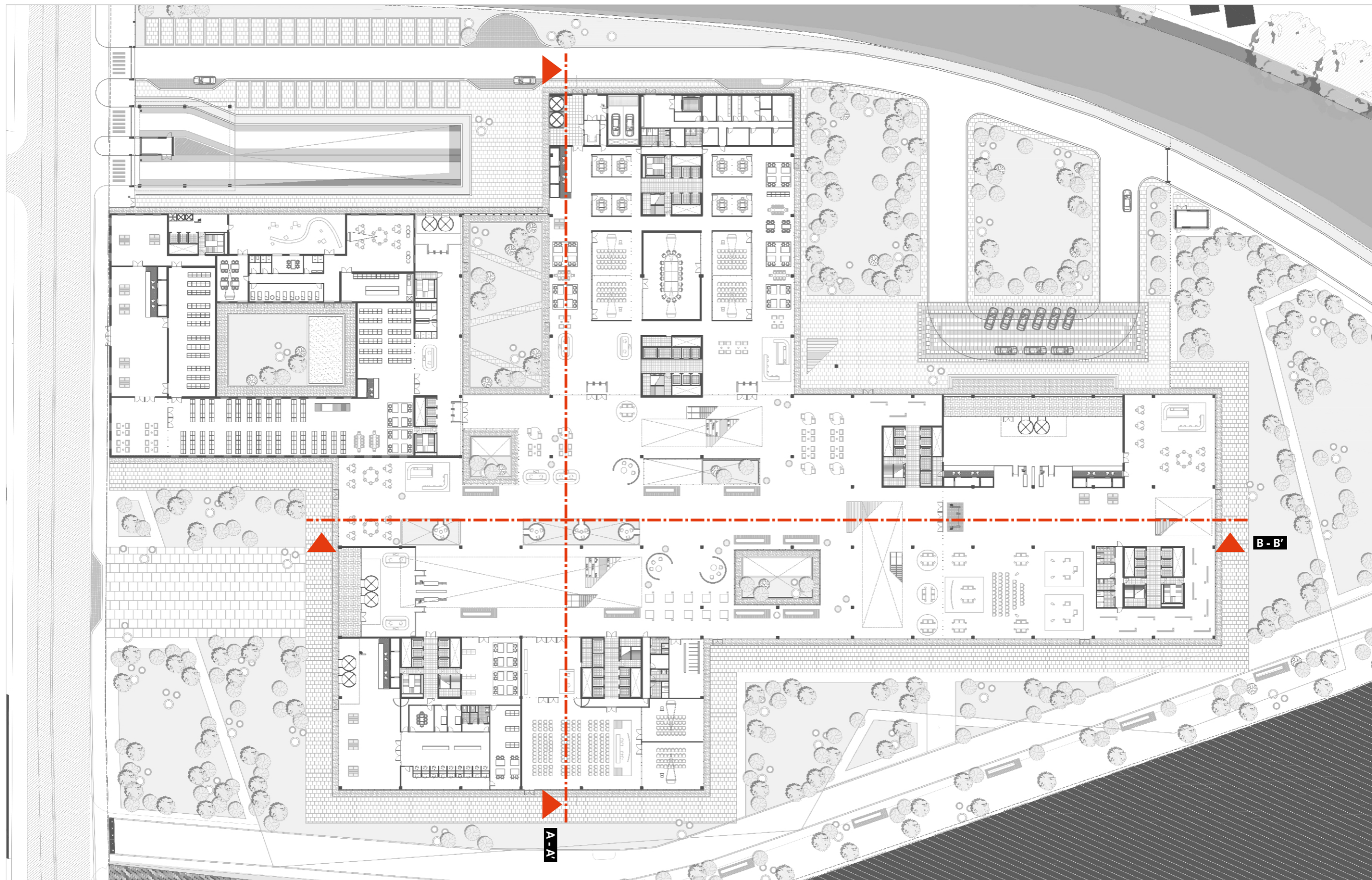
- LOGISTICS
- VISITORS / CITIZENS
- MEDIA
- PROTOCOL
- ACCREDITED PERSONS

Fire compartment and escape route



- ESCAPE ROUTE
- ESCAPE STAIR

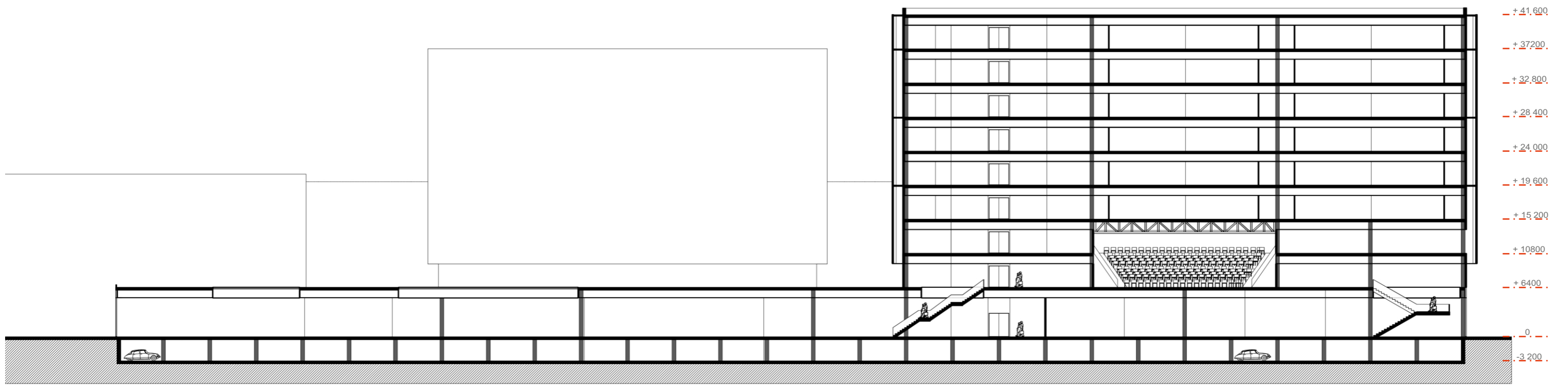
Implementation Sections



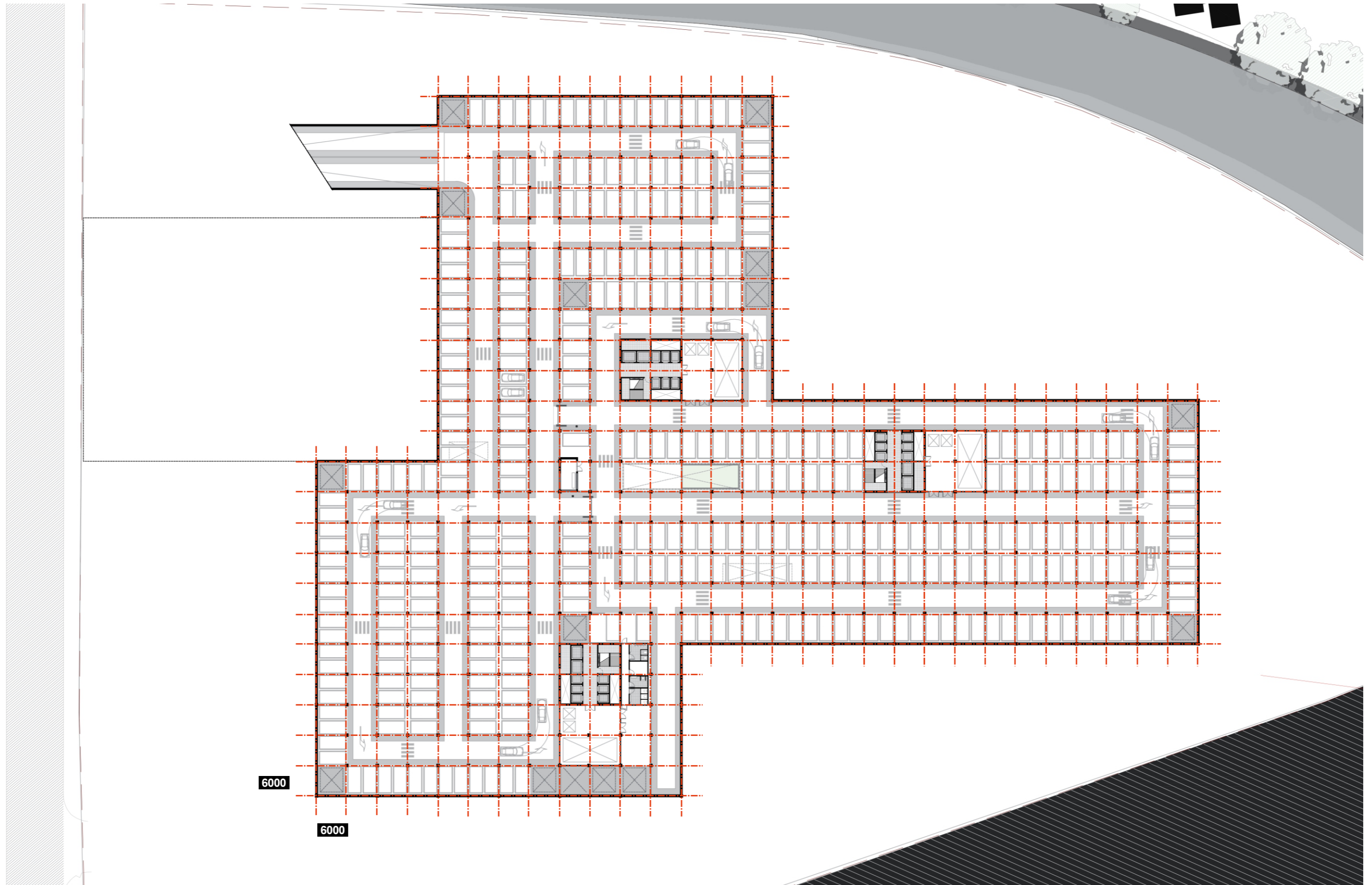
Implementation
Section A - A'



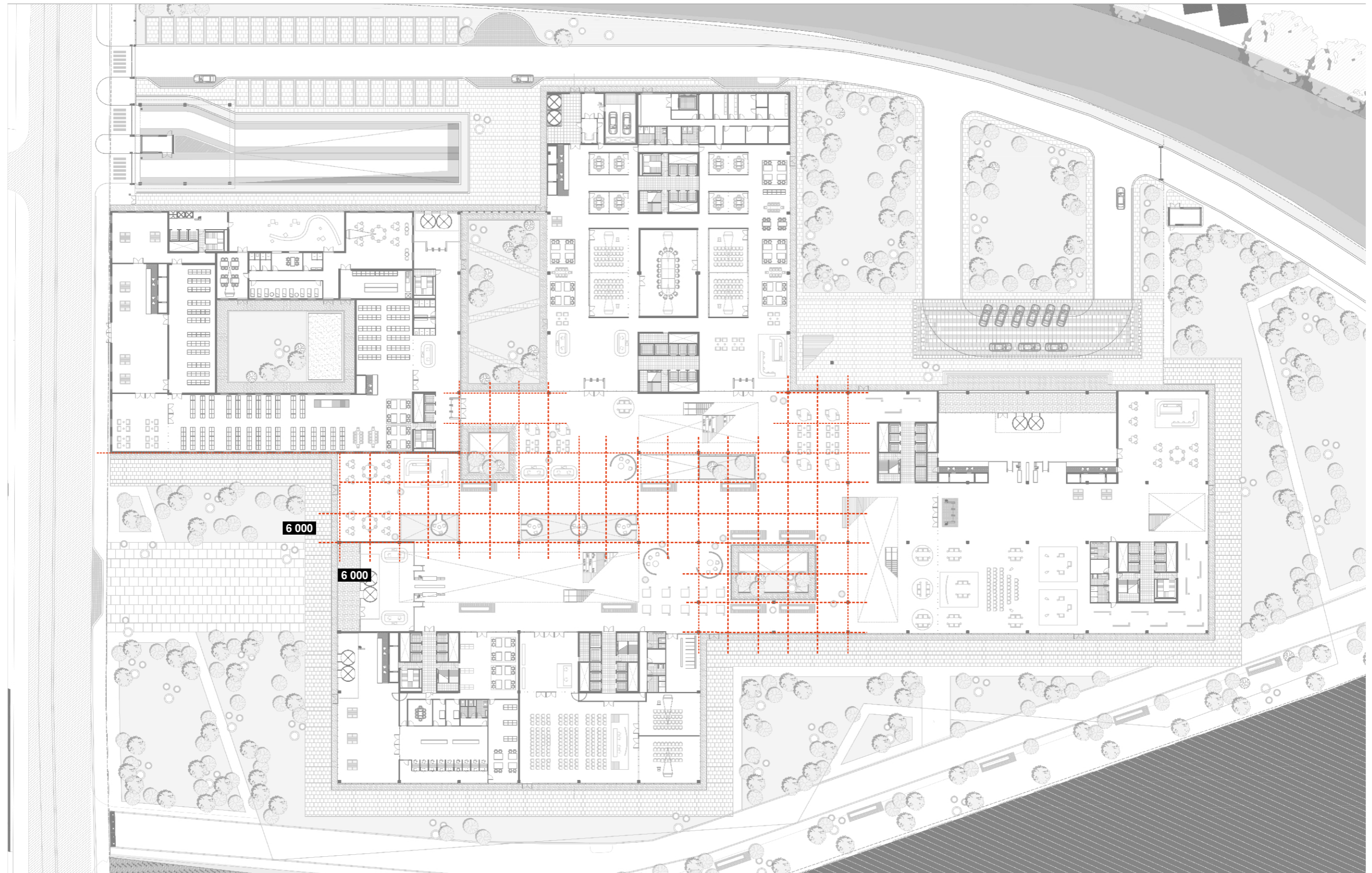
Implementation
Section B - B'



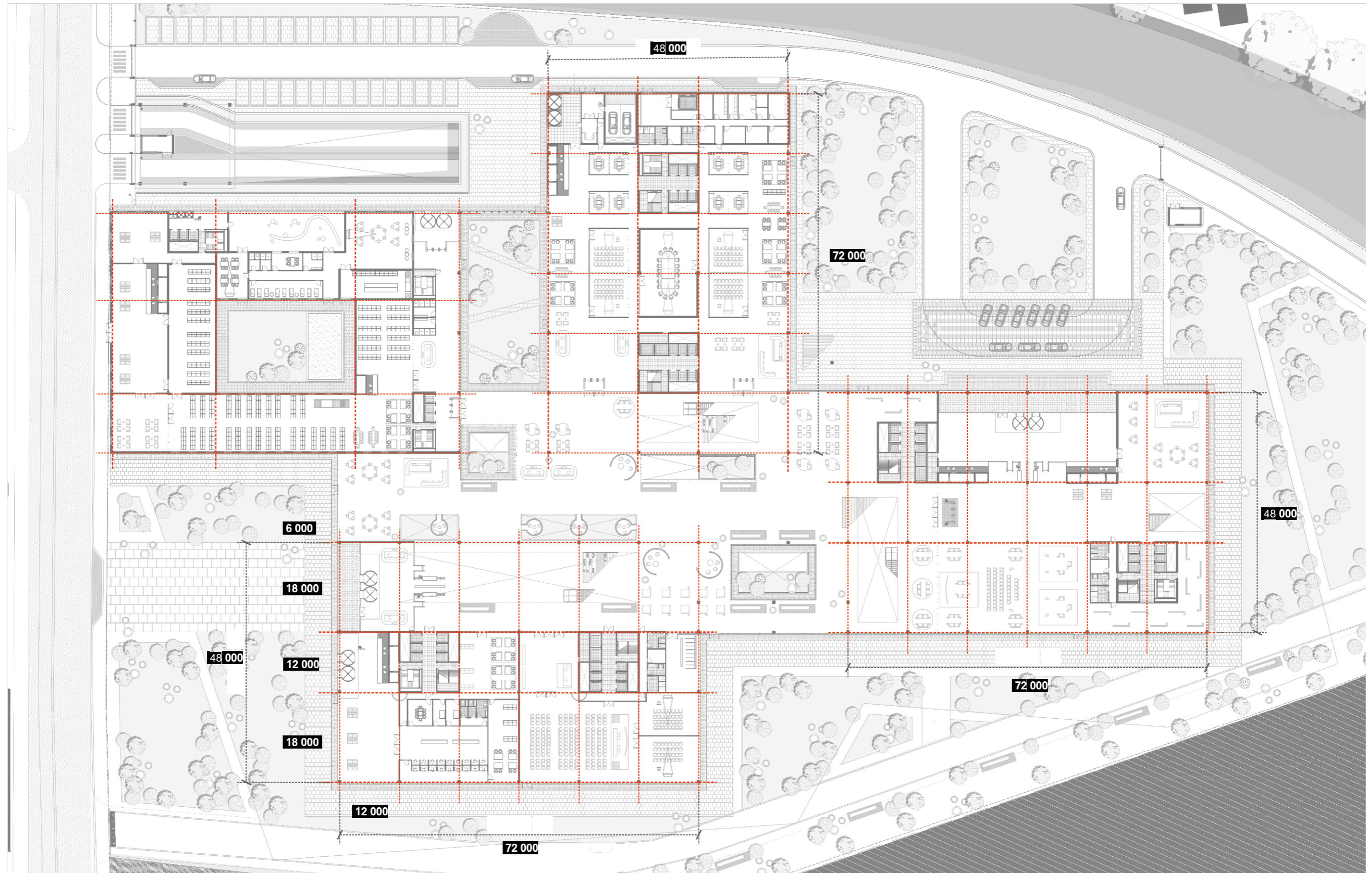
Development
Construction grid parking



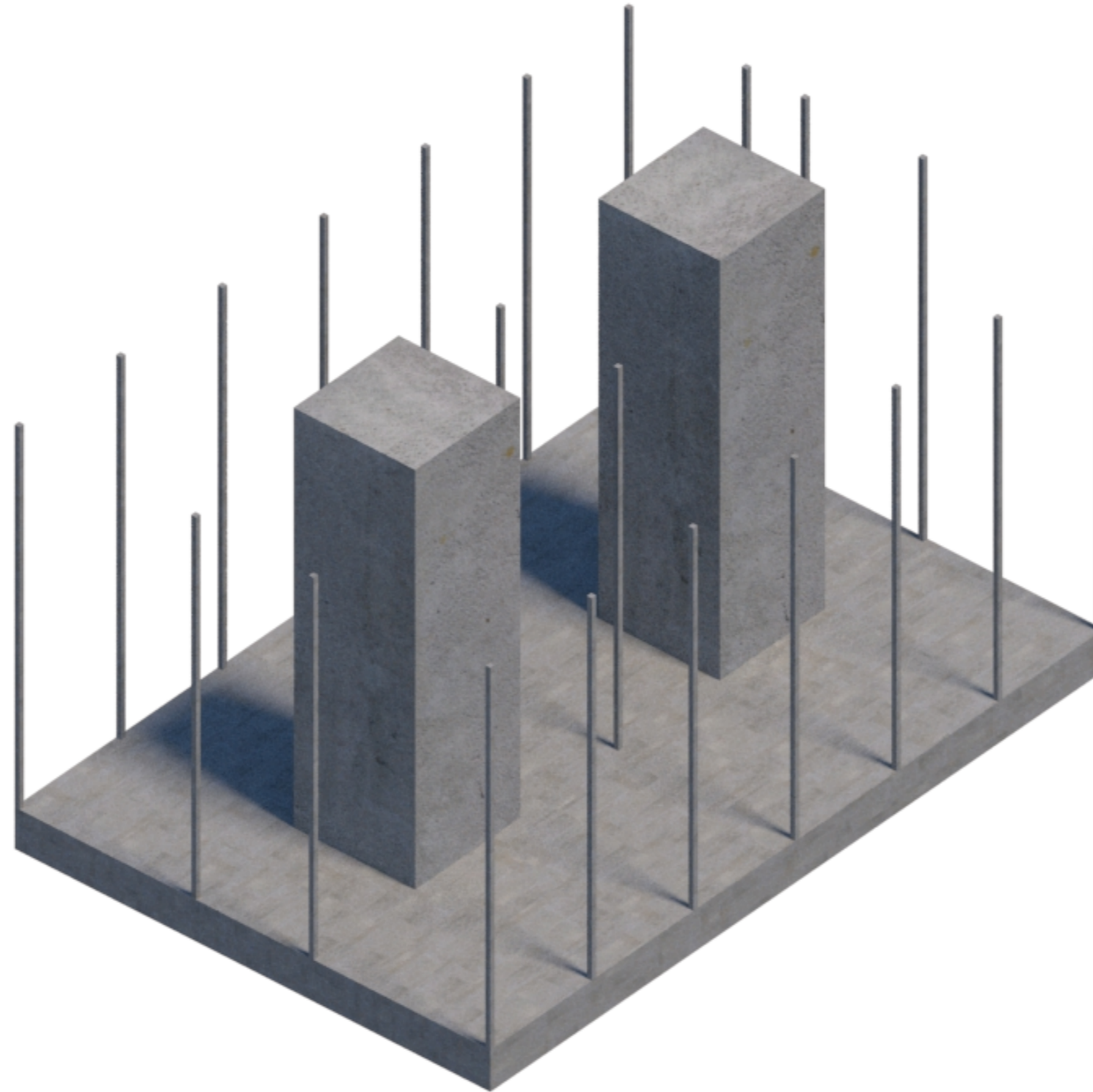
Construction grid ground floor



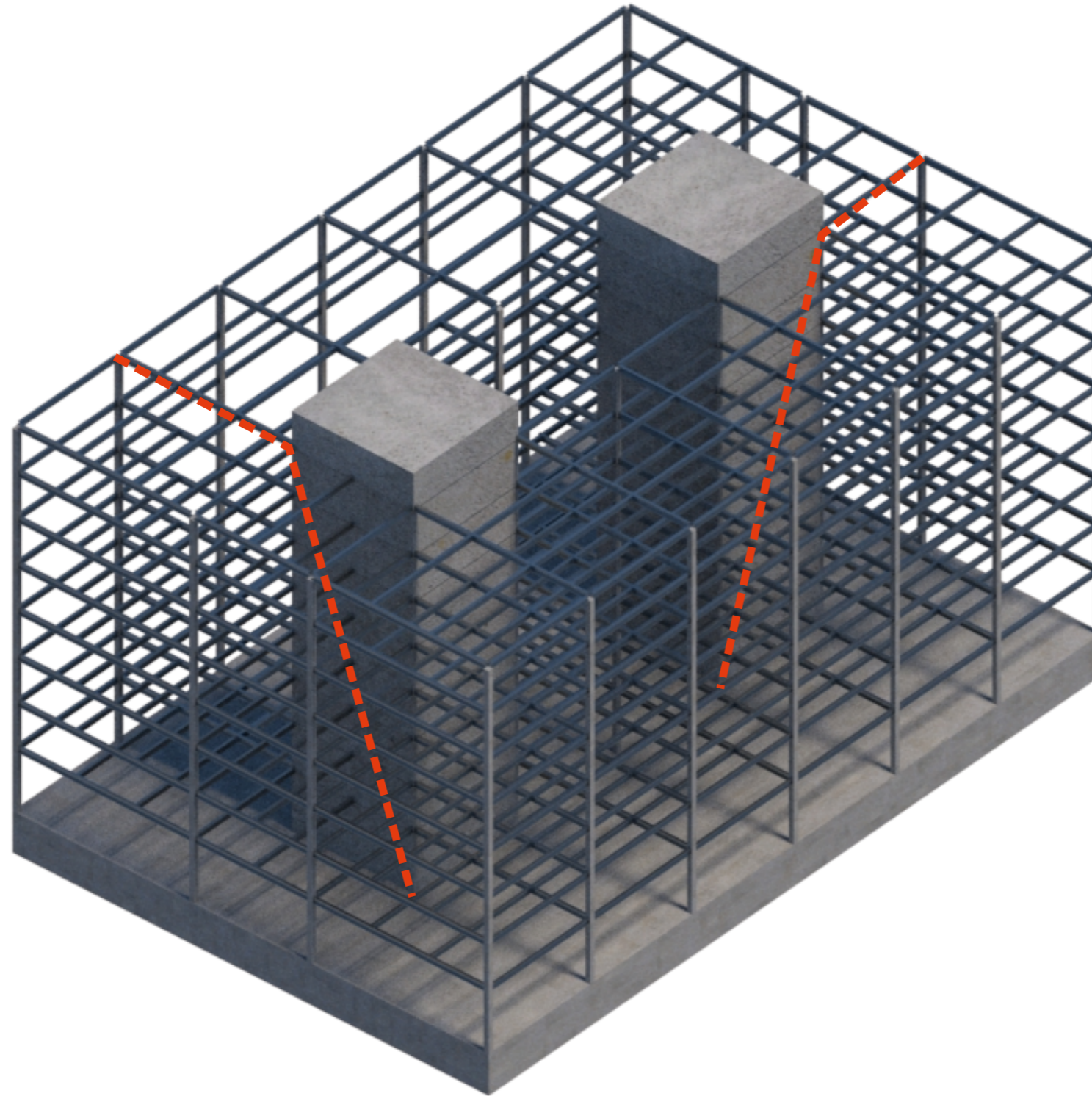
Development
Construction grid ground floor



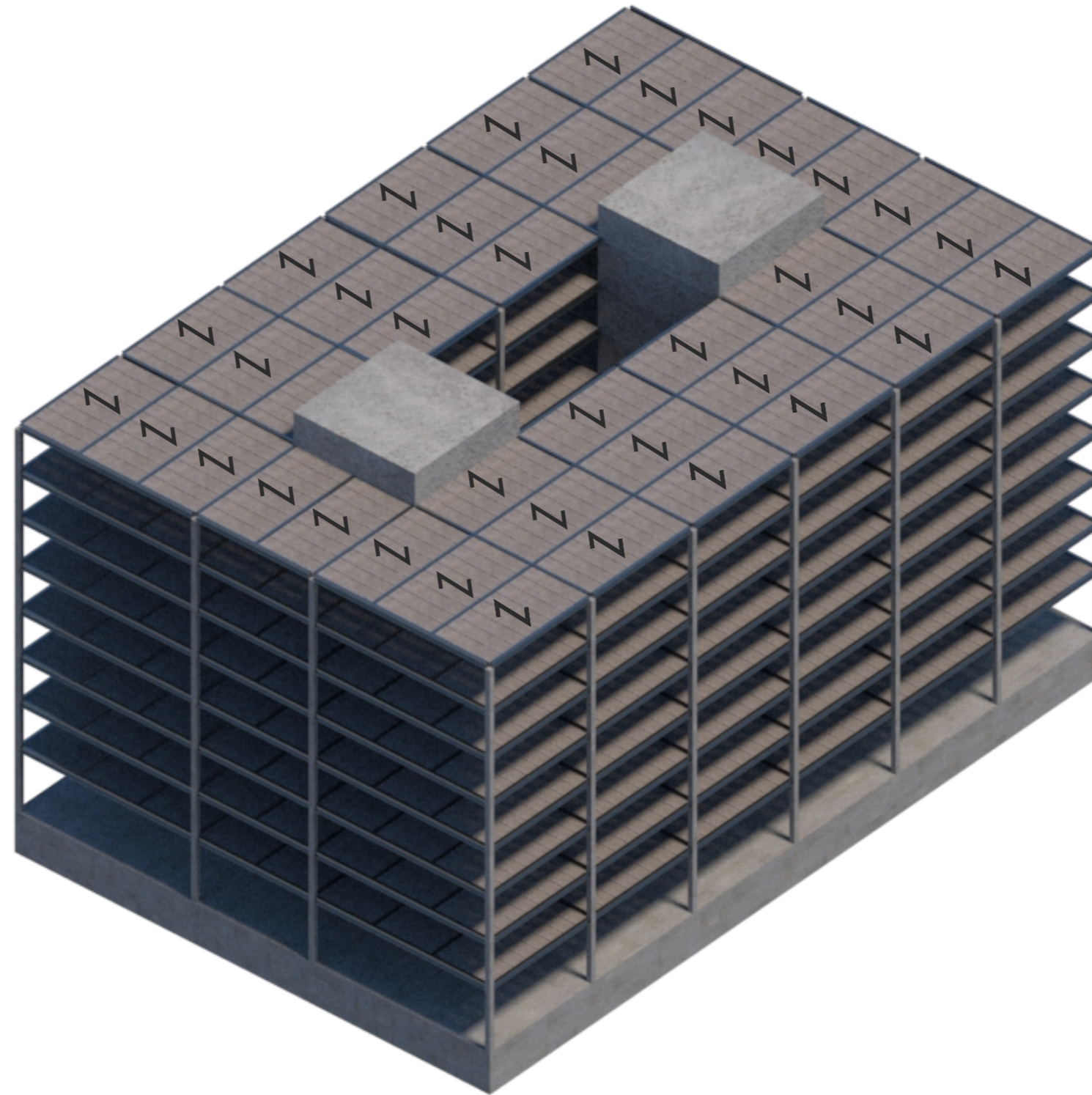
Development
Structural concept



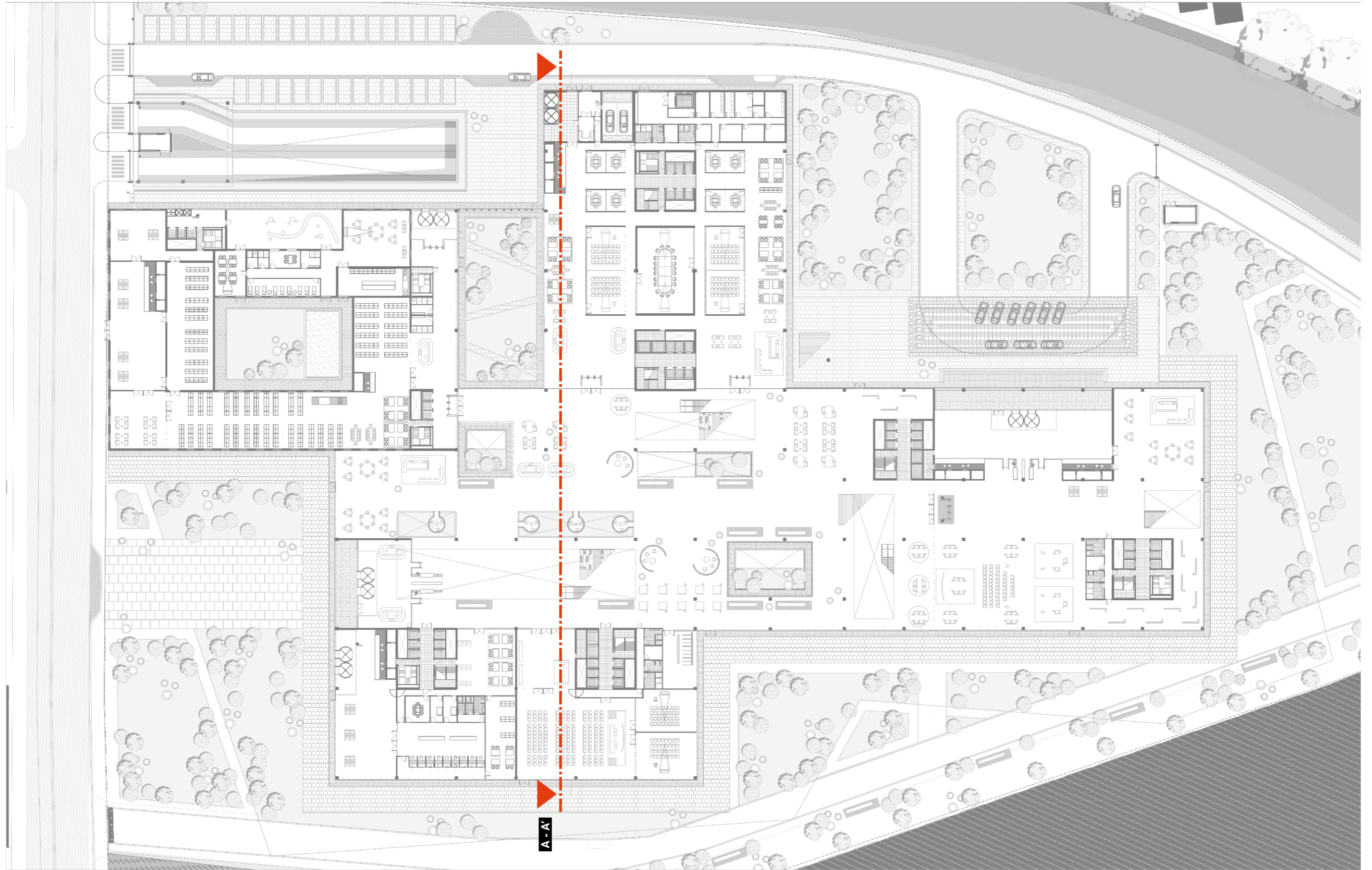
Development
Structural concept



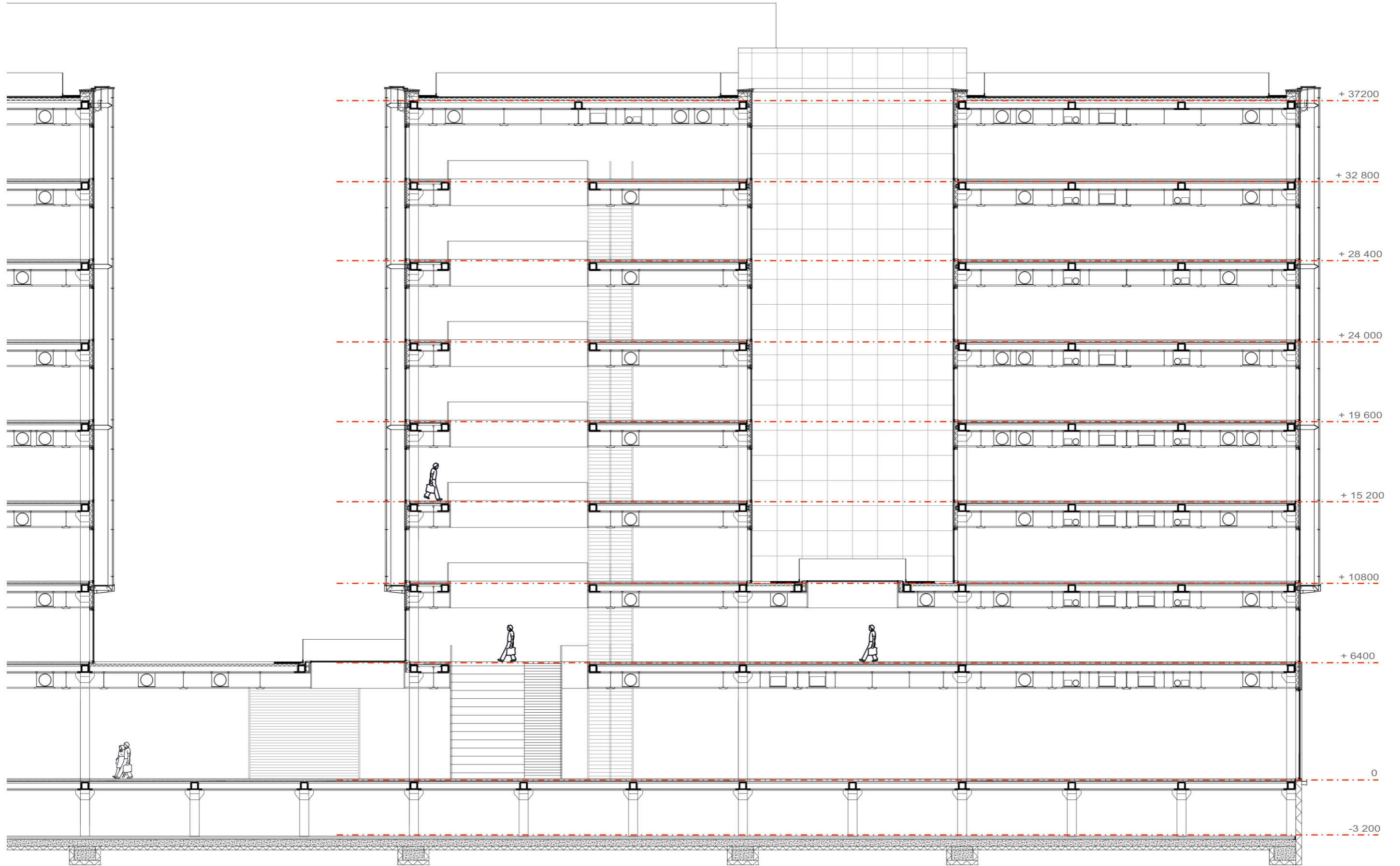
Development
Structural concept



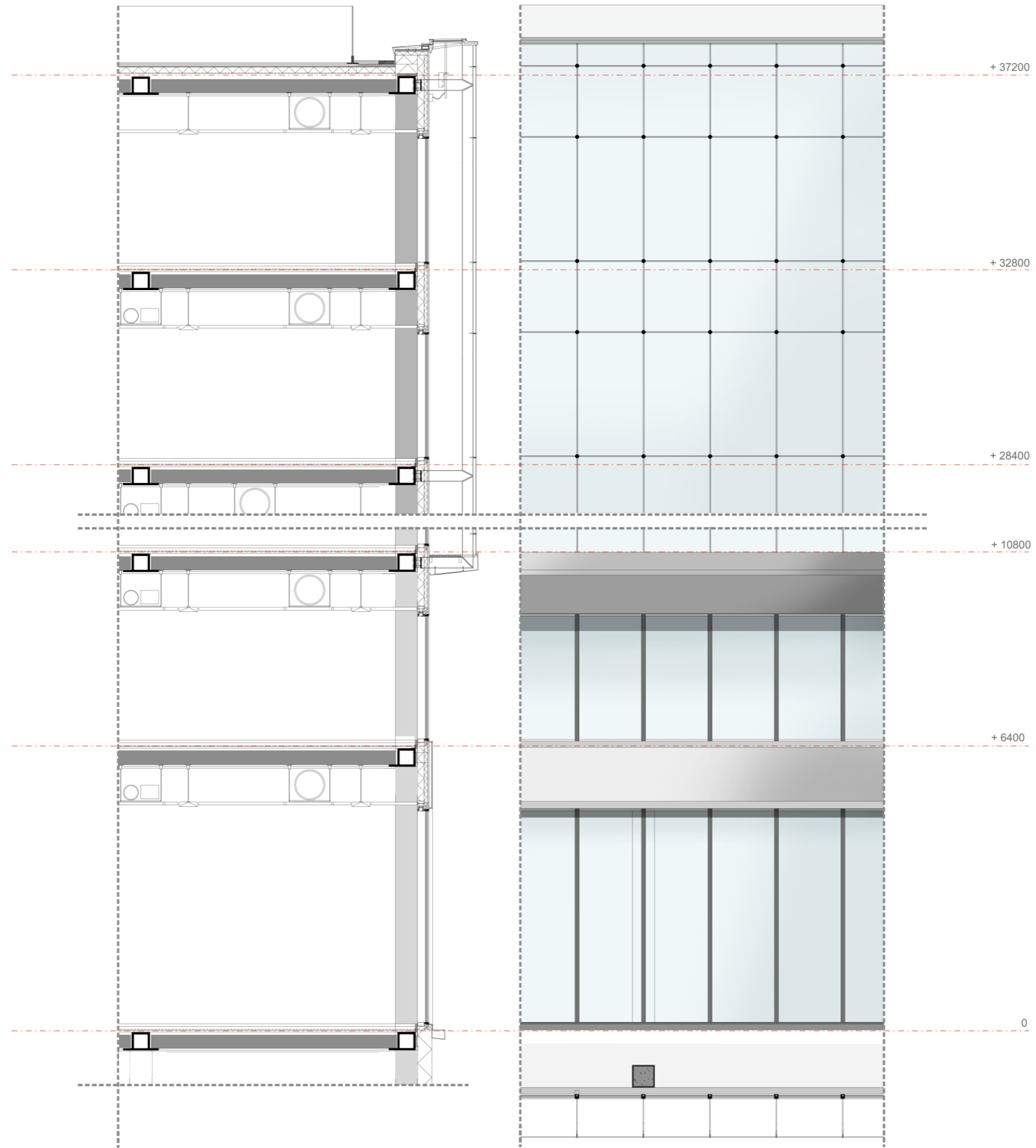
Development Section



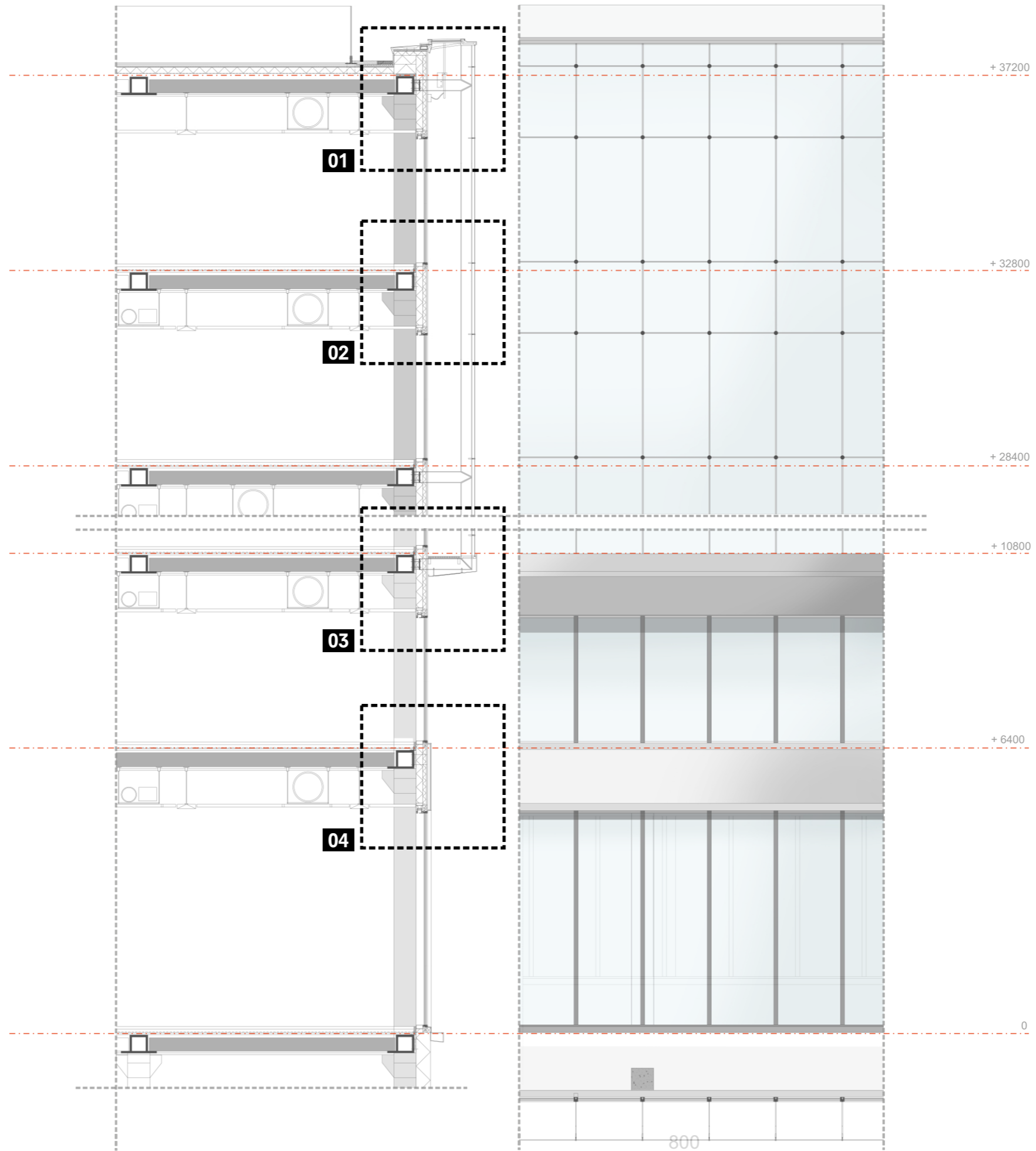
Development
Section 1:50



Development
Section 1:20



Development
Section 1:20



Development 01 Detail 1:5

ROOF

- EXTENSIVE GRASS ROOF
- SUBSTRATE
- FALLNET
- SYSTEM FILTER
- FLORADRAIN
- WATERPROOF PROTECTION MAT
- ROOT PROTECTION FOIL
- VAPOR OPEN FOIL
- THERMA
- VAPOR DICHFOIL
- PRESSURE LAY
- CHANNEL PLATE FLOOR

150

150

130

300

850

60

500

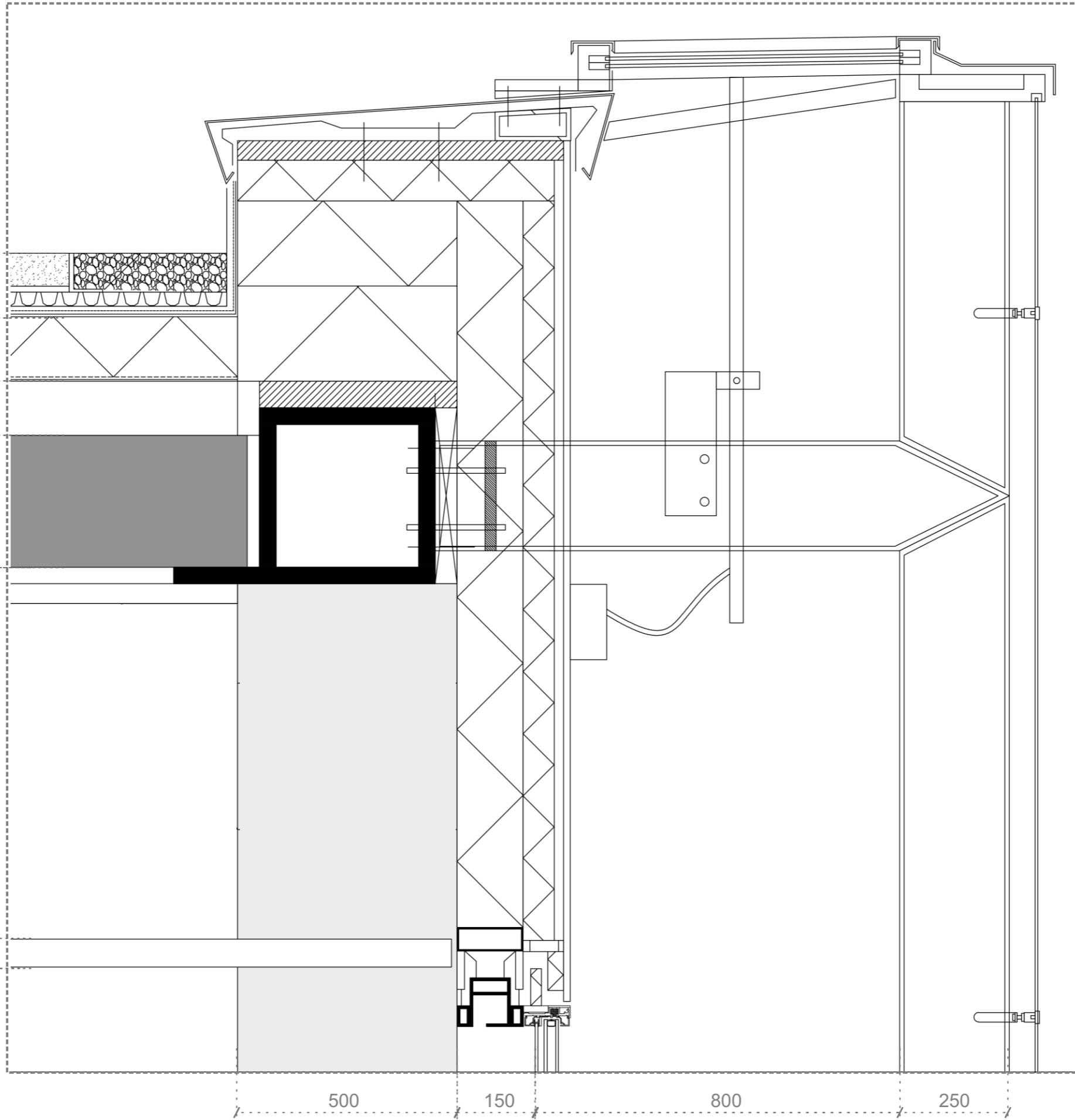
150

800

250

FACADE

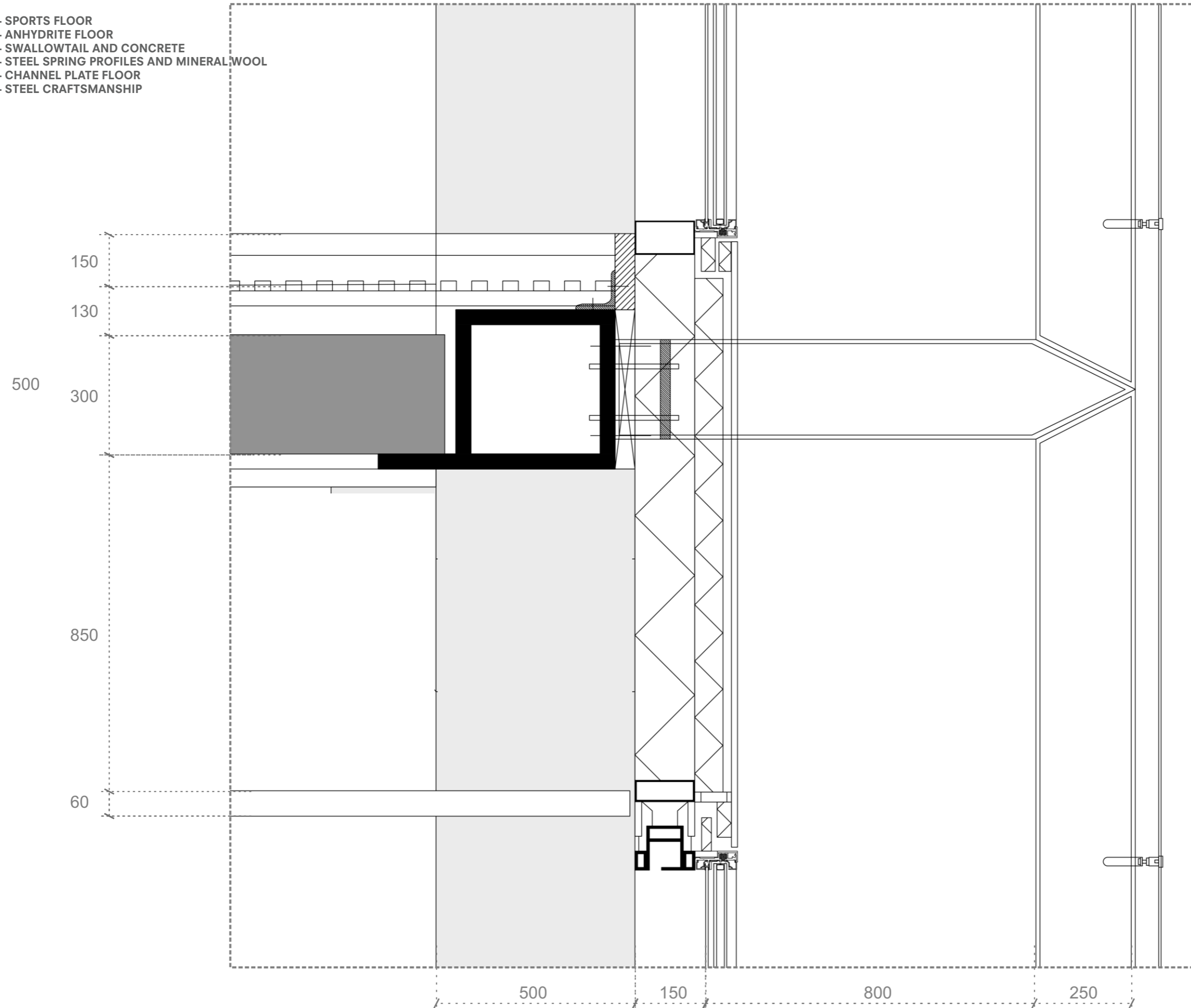
- GLASS COUING
- 250 MM ALUMINUM PLATES
- SPUI
- ALUMINUM PANELS
- WATERPROOF FOIL
- 60 MM MINERAL WOOL
- 150 MINERAL WOOL
- SPUI
- VAPOR PROTECTION FOIL



Development 02 Detail 1:5

FLOOR

- SPORTS FLOOR
- ANHYDRITE FLOOR
- SWALLOWTAIL AND CONCRETE
- STEEL SPRING PROFILES AND MINERAL WOOL
- CHANNEL PLATE FLOOR
- STEEL CRAFTSMANSHIP



FACADE

- GLASS COATING
- 250 MM ALUMINUM PLATES
- SPUI
- ALUMINUM PANELS
- WATERPROOF FOIL
- 60 MM MINERAL WOOL
- 150 MINERAL WOOL
- SPUI
- VAPOR PROTECTION FOIL

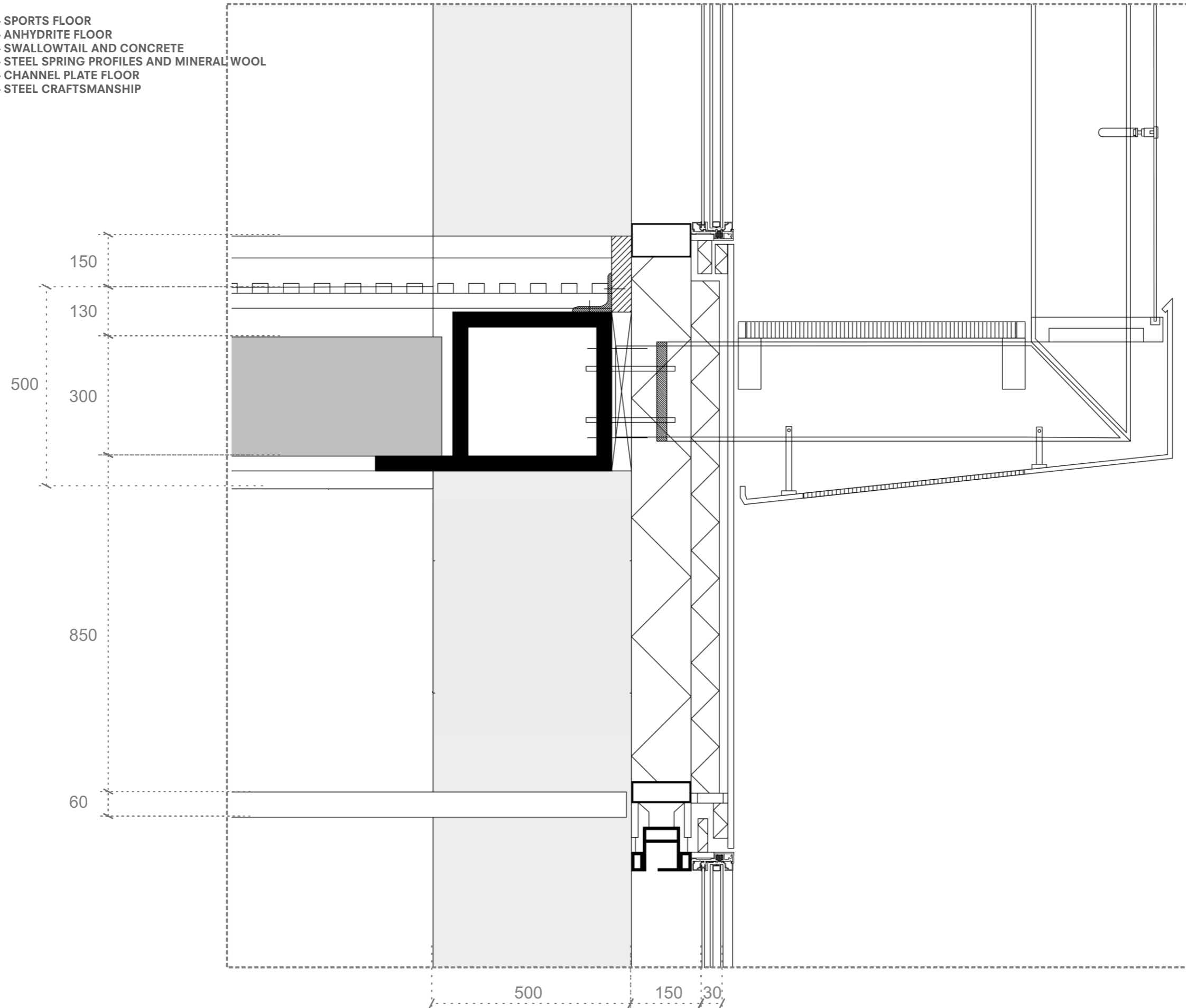
Development 03 Detail 1:5

FLOOR

- SPORTS FLOOR
- ANHYDRITE FLOOR
- SWALLOWTAIL AND CONCRETE
- STEEL SPRING PROFILES AND MINERAL WOOL
- CHANNEL PLATE FLOOR
- STEEL CRAFTSMANSHIP

FACADE

- GLASS COATING
- 250 MM ALUMINUM PLATES
- SPUI
- ALUMINUM PANELS
- WATERPROOF FOIL
- 60 MM MINERAL WOOL
- 150 MINERAL WOOL
- SPUI
- VAPOR PROTECTION FOIL



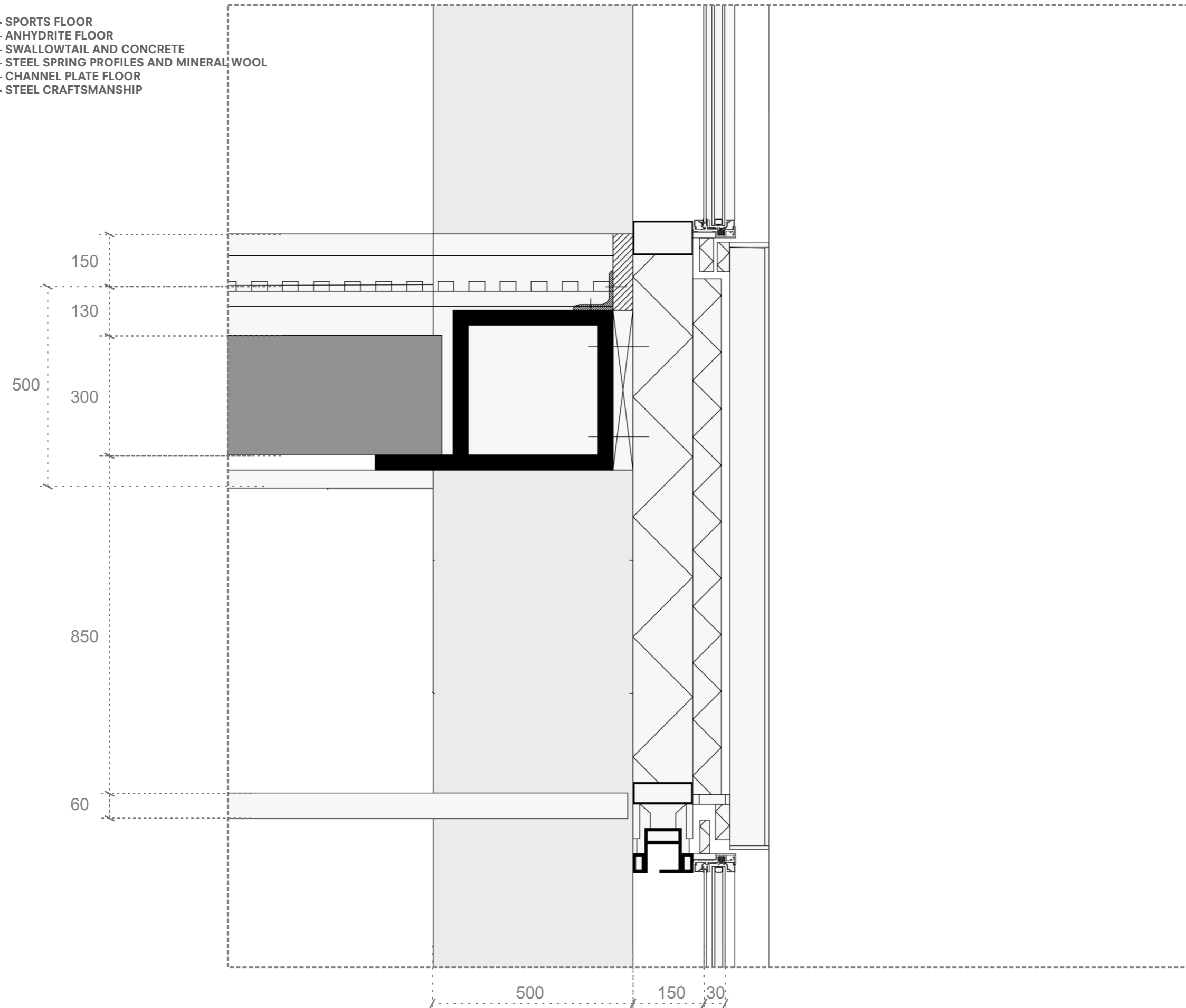
Development 04 Detail 1:5

FLOOR

- SPORTS FLOOR
- ANHYDRITE FLOOR
- SWALLOWTAIL AND CONCRETE
- STEEL SPRING PROFILES AND MINERAL WOOL
- CHANNEL PLATE FLOOR
- STEEL CRAFTSMANSHIP

FACADE

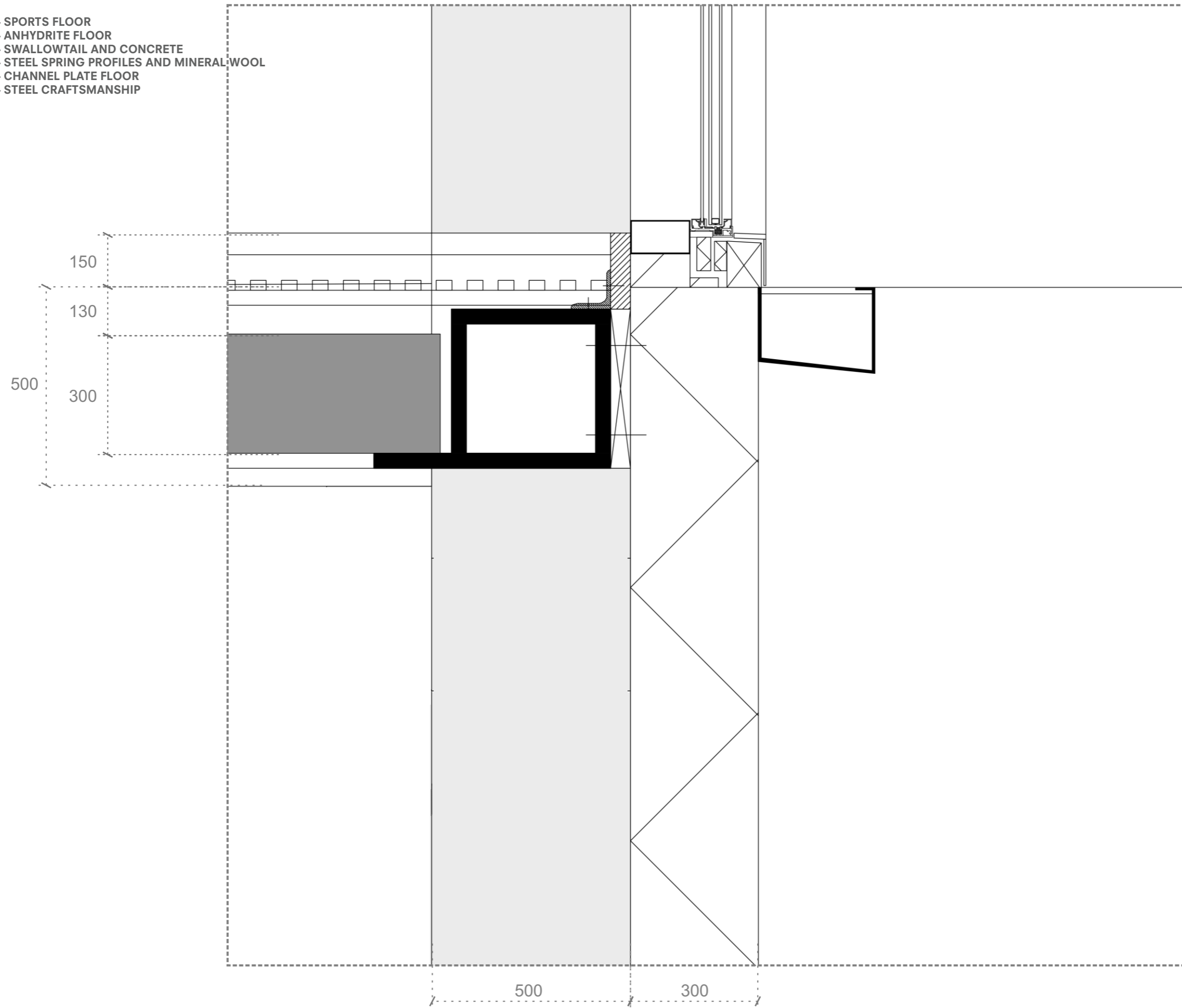
- ALUMINUM PANELS
- WATERPROOF FOIL
- 60 MM MINERAL WOOL
- 150 MINERAL WOOL
- SPUI
- VAPOR PROTECTION FOIL



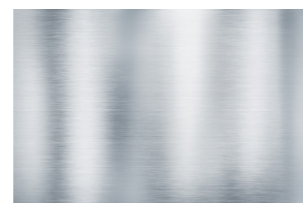
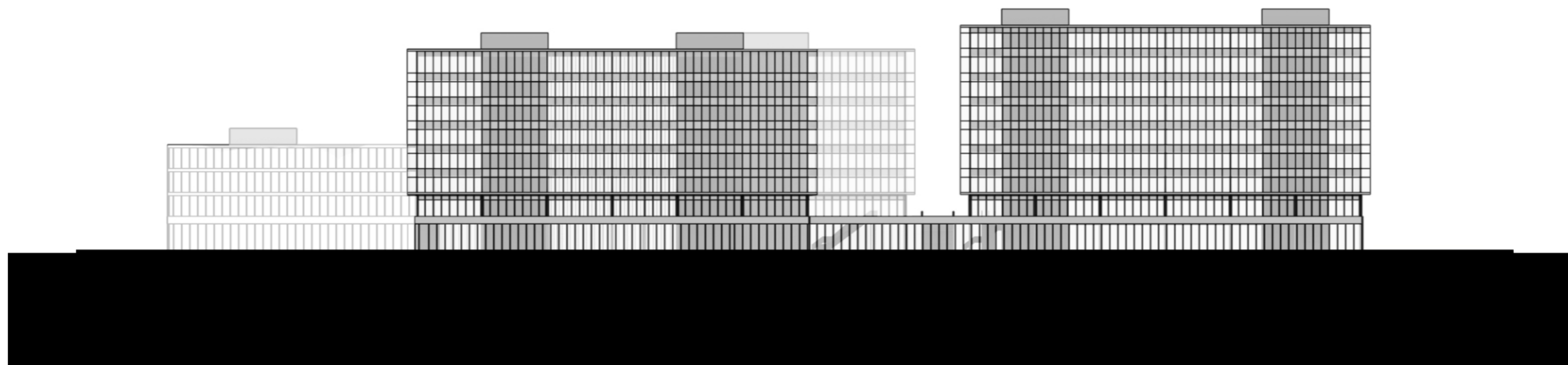
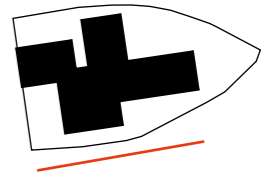
Development 05 Detail 1:5

FLOOR

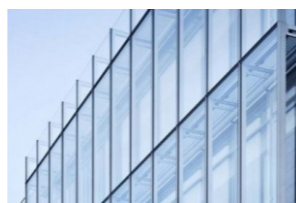
- SPORTS FLOOR
- ANHYDRITE FLOOR
- SWALLOWTAIL AND CONCRETE
- STEEL SPRING PROFILES AND MINERAL WOOL
- CHANNEL PLATE FLOOR
- STEEL CRAFTSMANSHIP



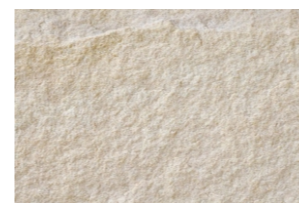
Development
South facade



Stainless steel
facade elements



Curtain wall

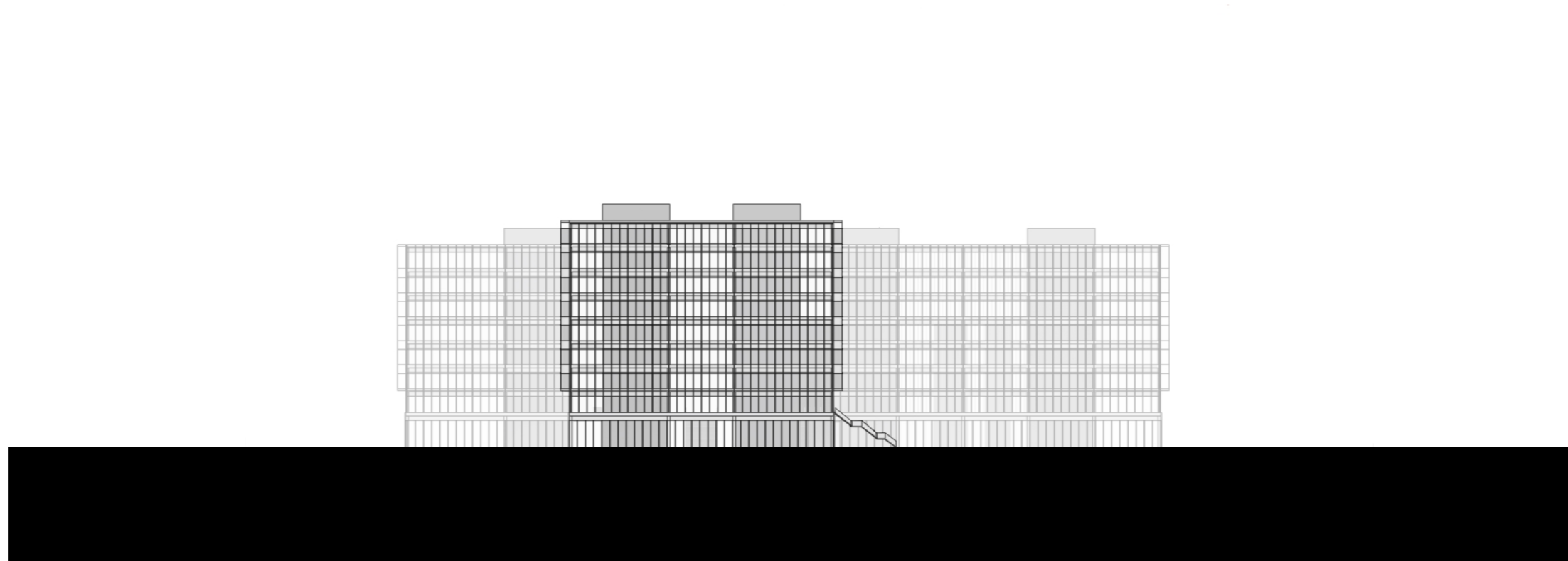
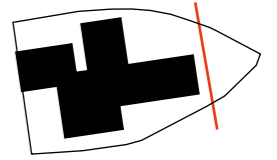


Natural stone
outdoor tiles

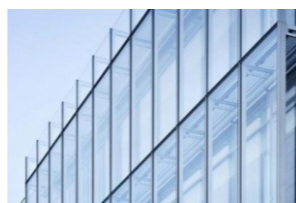


Green roofing

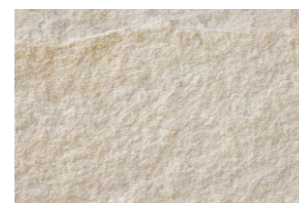
Development
East facade



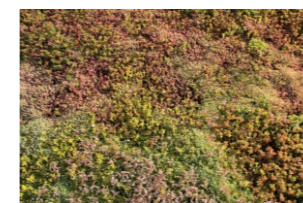
Stainless steel
facade elements



Curtain wall

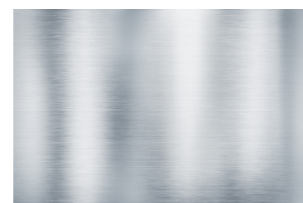
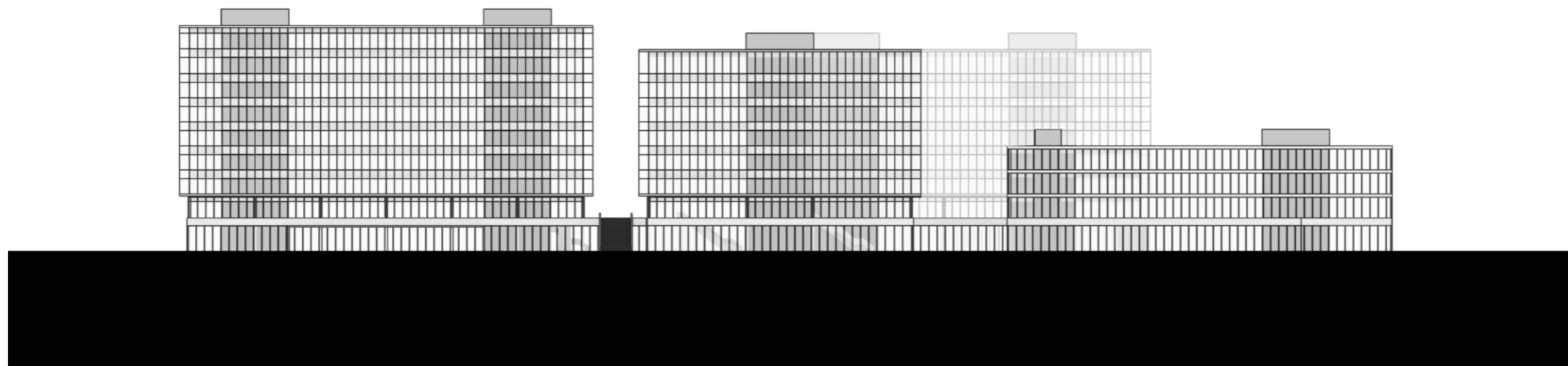
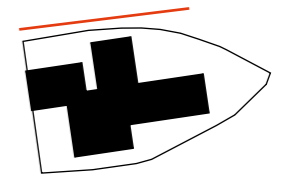


Natural stone
outdoor tiles

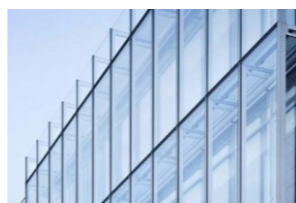


Green roofing

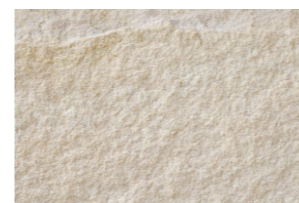
Development
North facade



Stainless steel
facade elements



Curtain wall

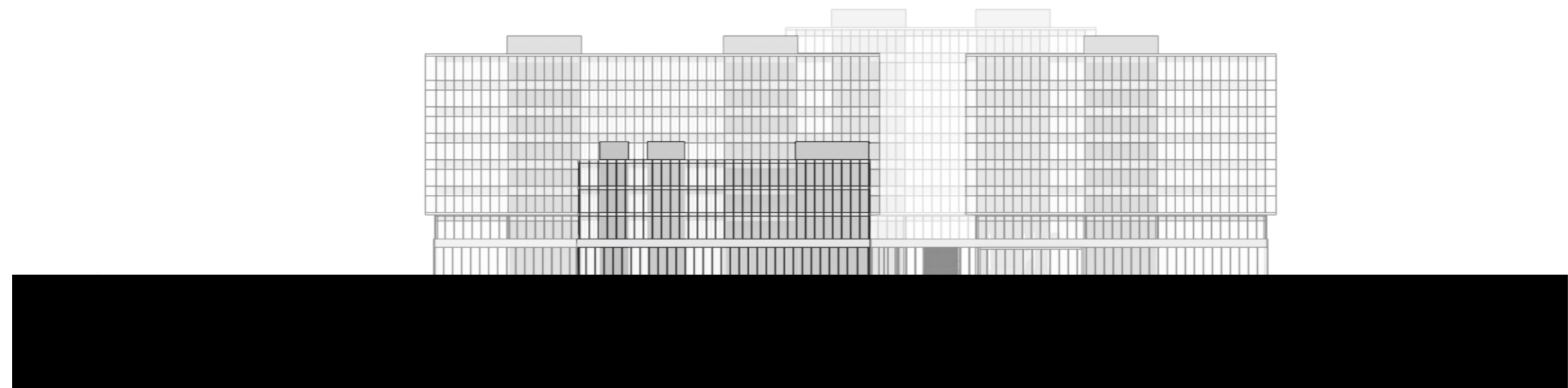
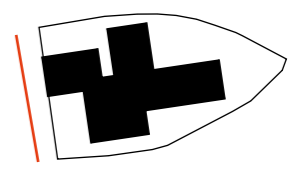


Natural stone
outdoor tiles

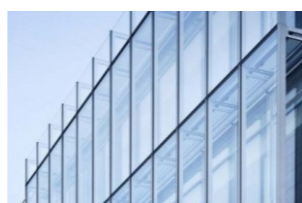


Green roofing

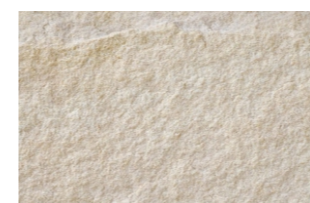
Development
West facade



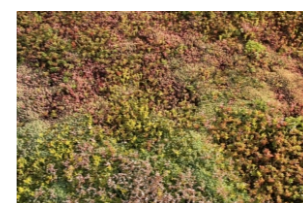
Stainless steel
facade elements



Curtain wall



Natural stone
outdoor tiles



Green roofing