

DRAWING SET

Space of Signal



complex projects

09/07/2021

spring semester

Urban Situation

Transmitter

Receiver

Detailing

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Urban Situation

Transmitter

Receiver

Detailing

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Urban Situation

Group Strategy 1:10 000



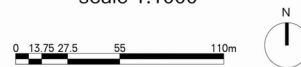
Group Strategy
scale 1:10 000



Urban Implementation 1:1000



Site Plan - Transmitter & Receiver
scale 1:1000



Urban Situation

Transmitter & Receiver



Introduction

Transmitter

Receiver

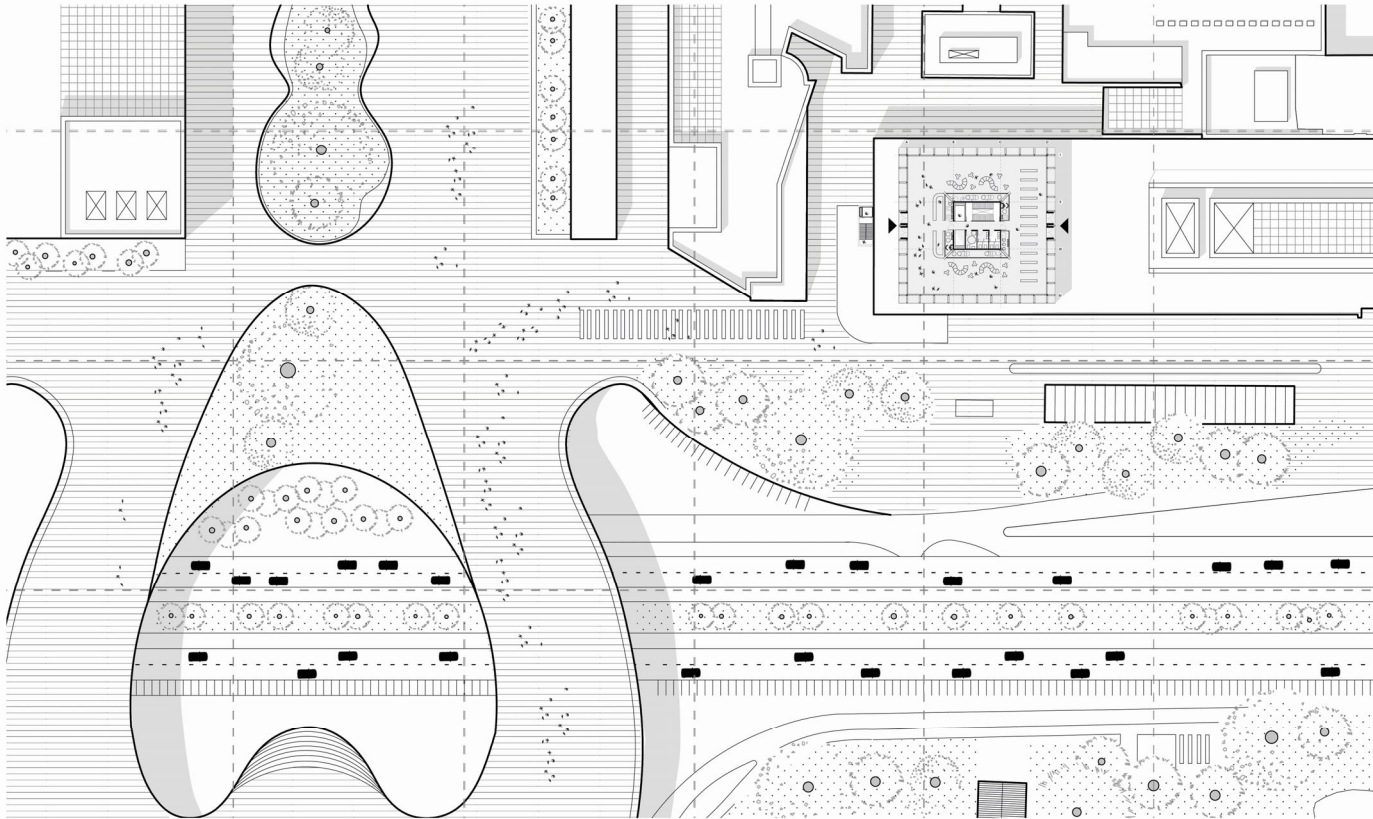
Detailing

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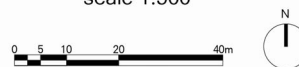


Transmitter

Ground Floor 1:500

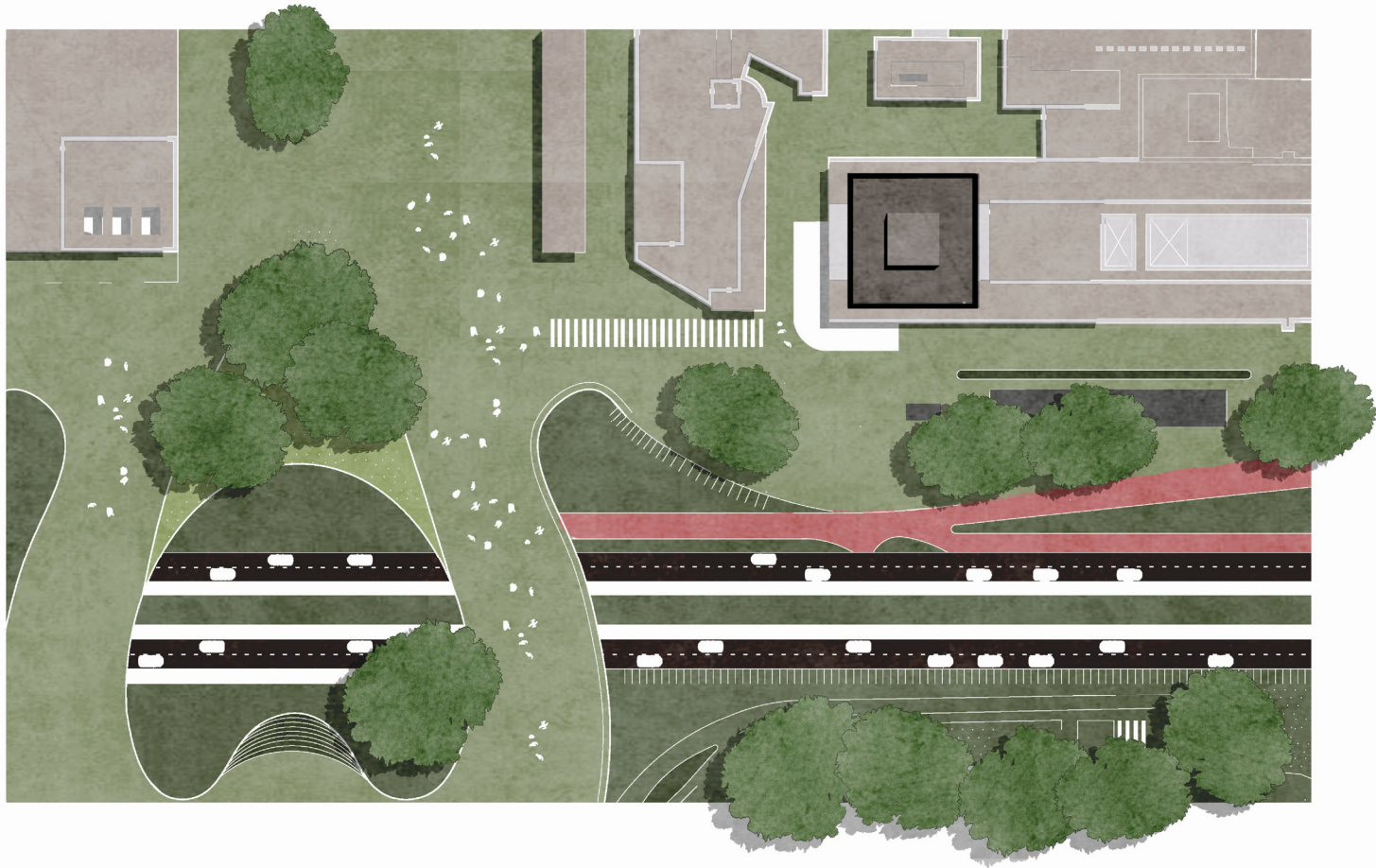


Urban Implementation - Transmitter
scale 1:500



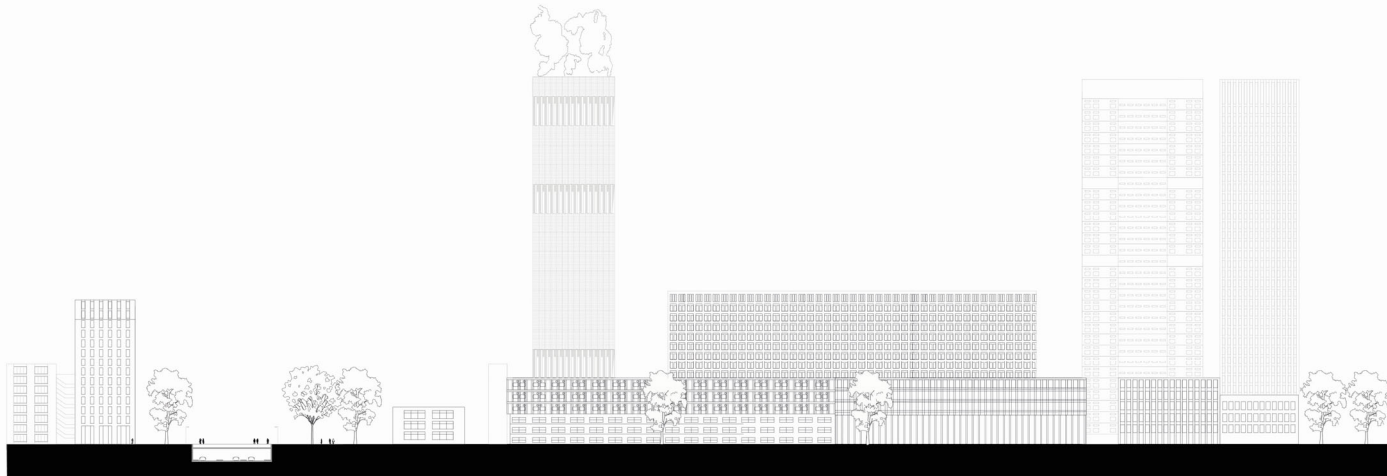
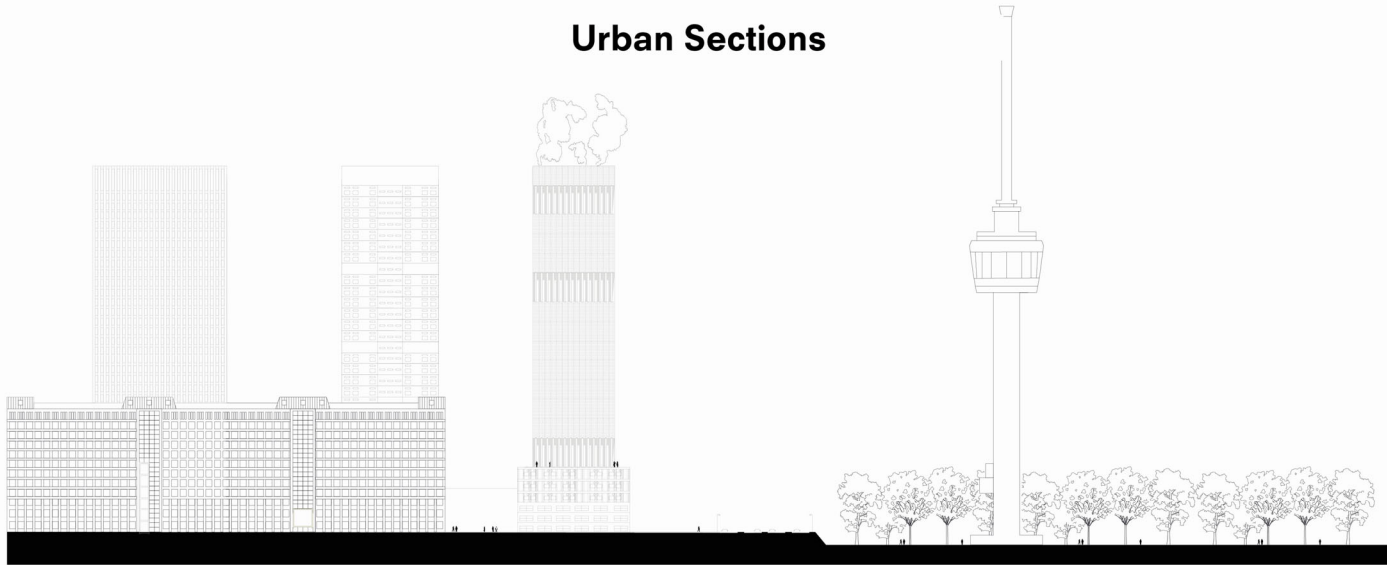
Transmitter

Urban Implementation



Transmitter

Urban Sections

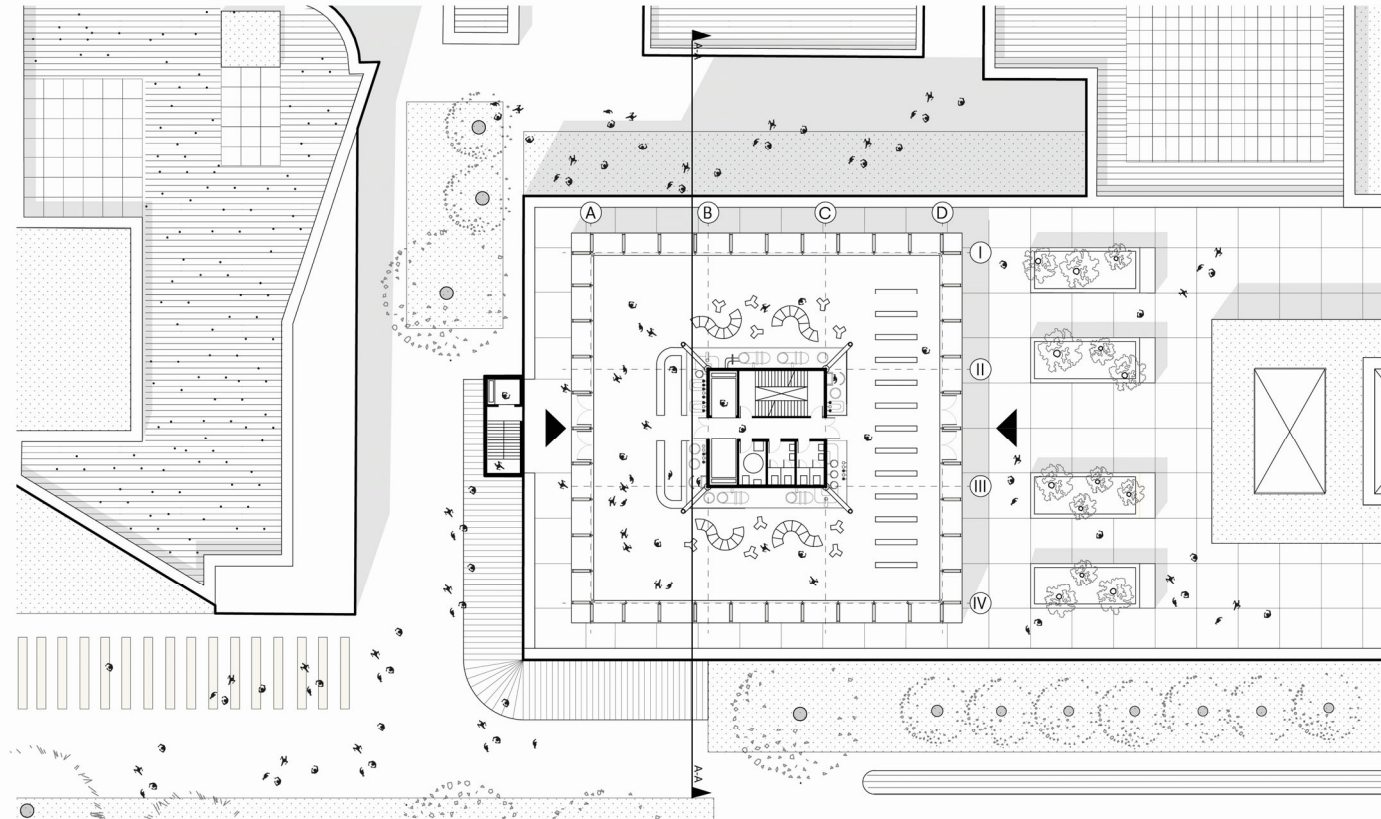


Urban Sections - Transmitter
scale 1:500

0 8.75 17.5 35 70m

Transmitter

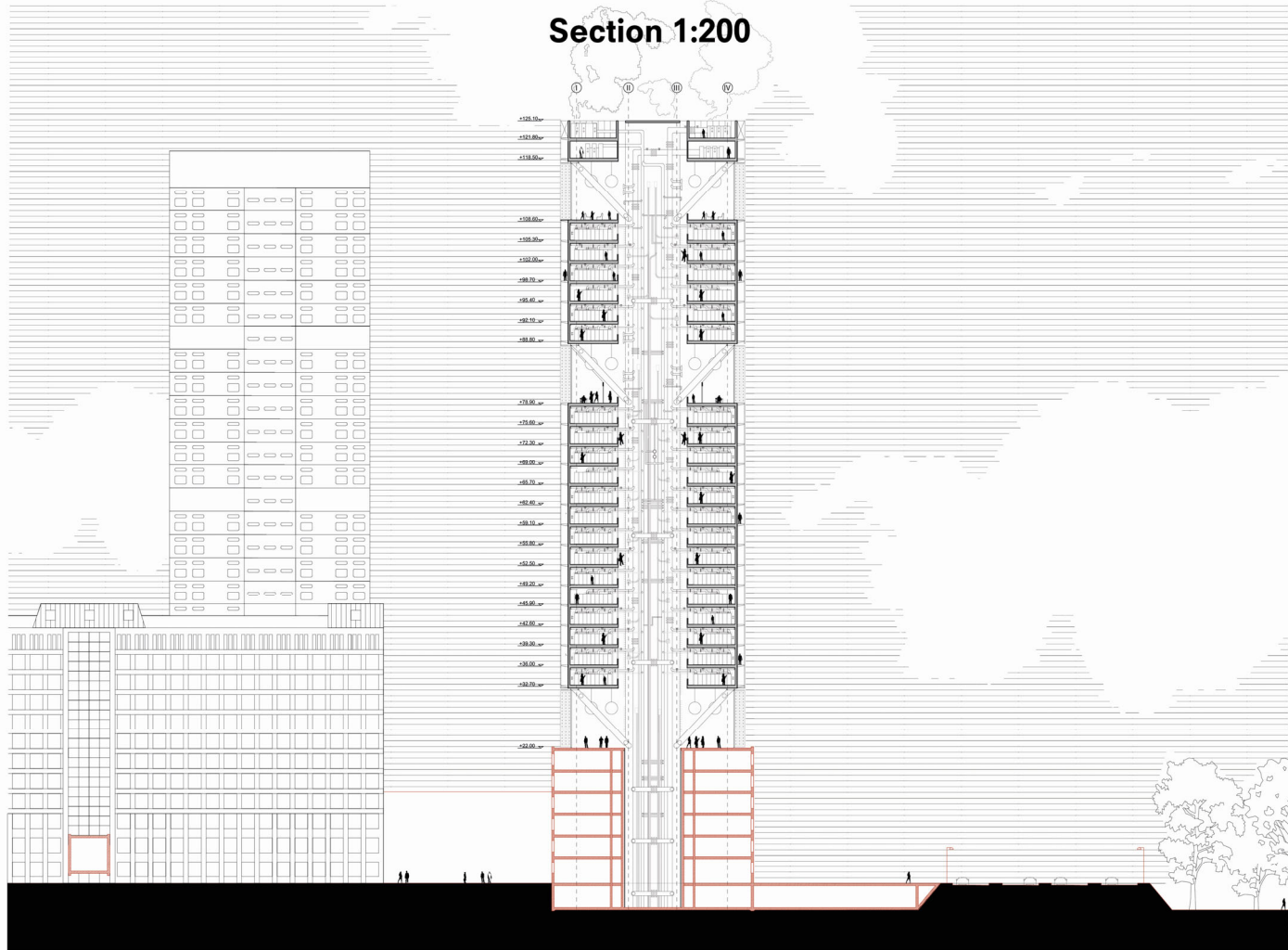
Ground Floor 1:200



Ground Floor - Transmitter
scale 1:200



Transmitter
Section 1:200

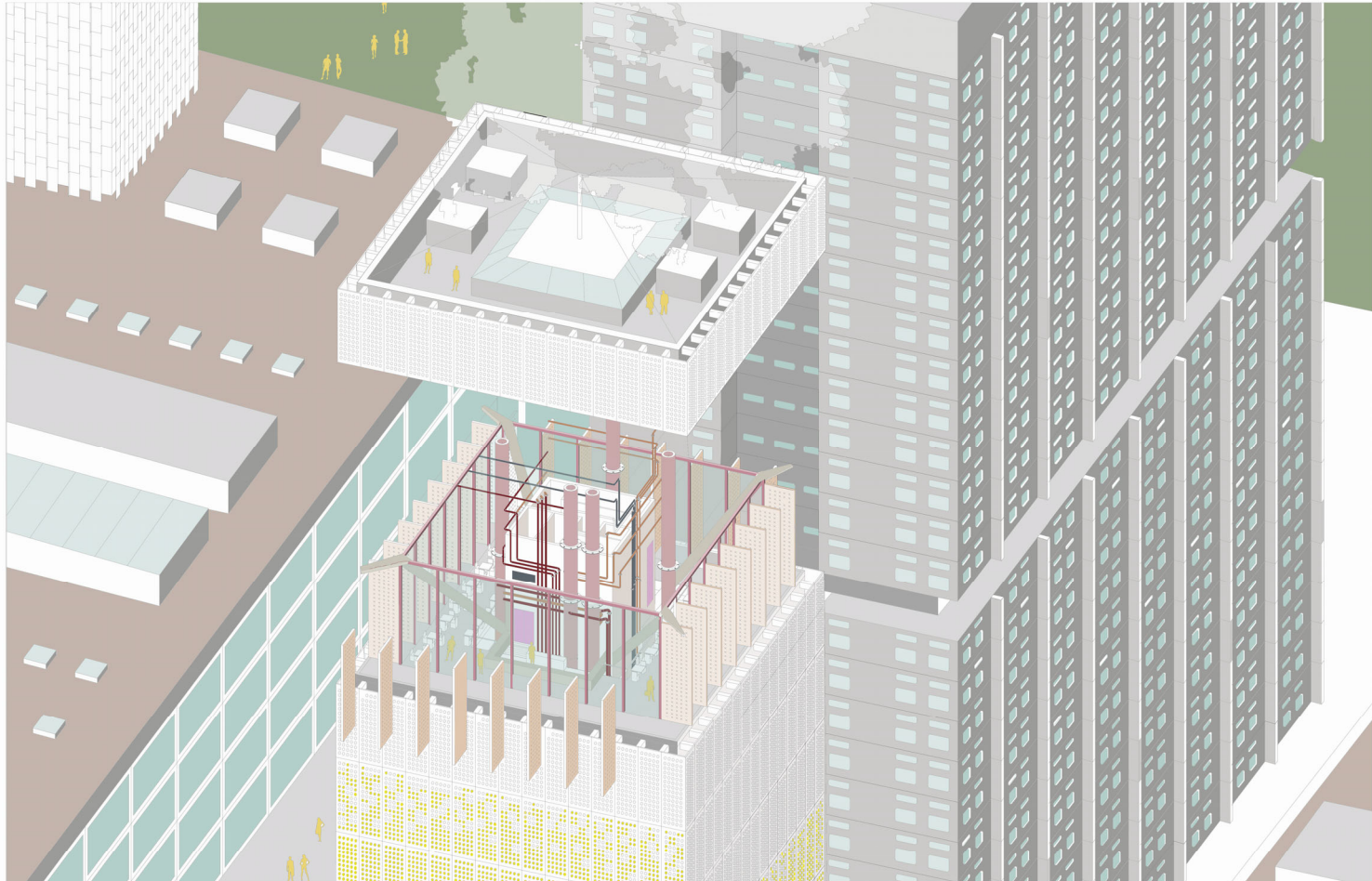


Section A-A - Transmitter
scale 1:200

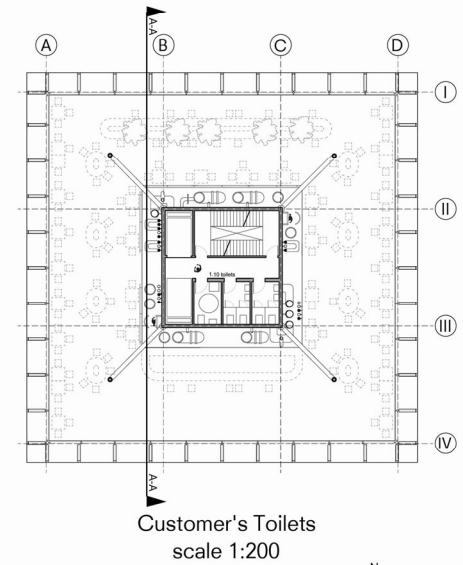
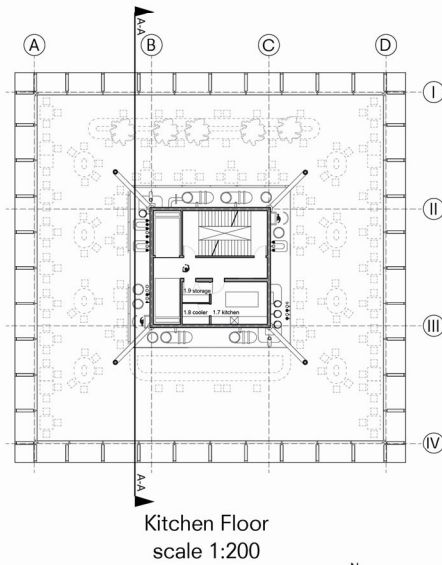
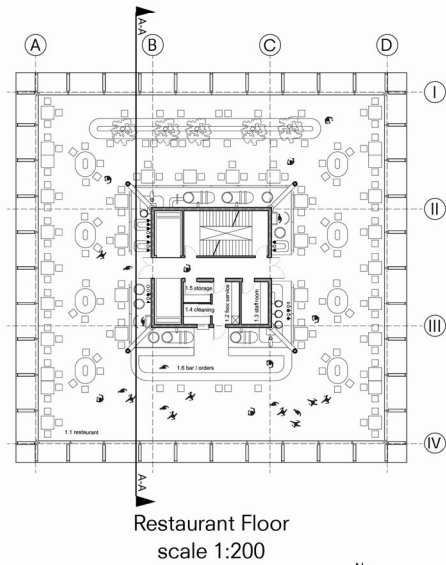


Transmitter

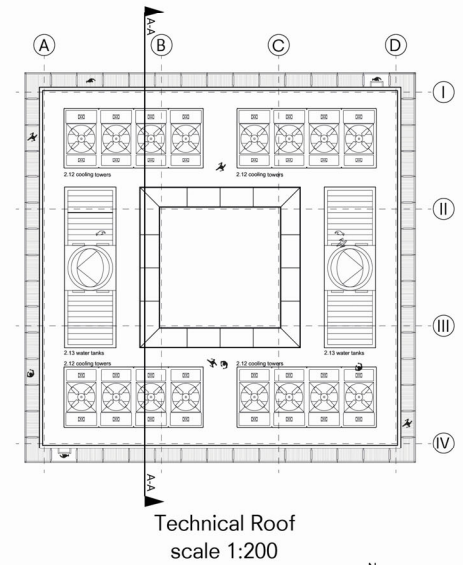
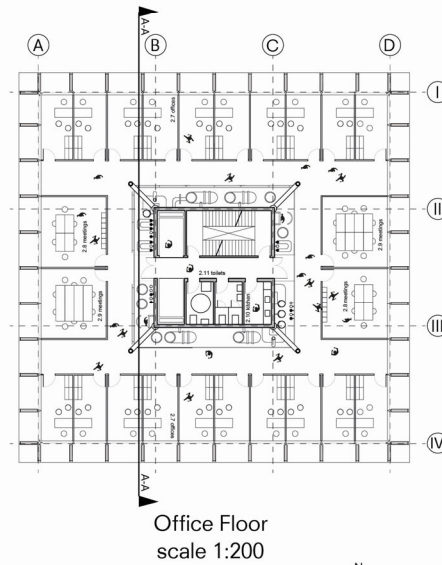
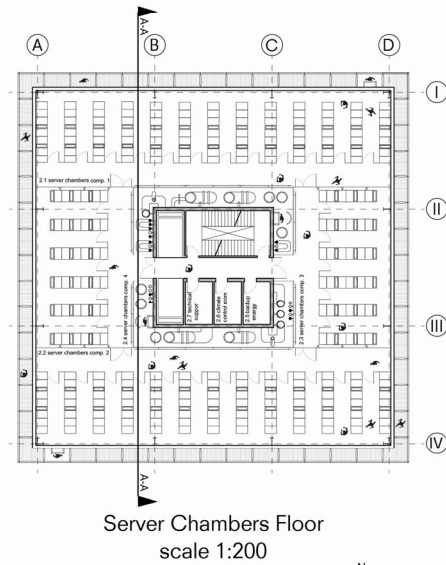
Axonometry



Floorplans 1:200

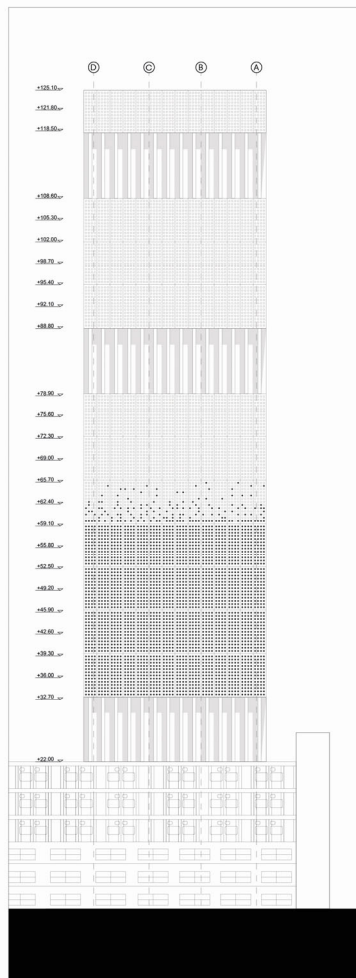


Floorplans 1:200

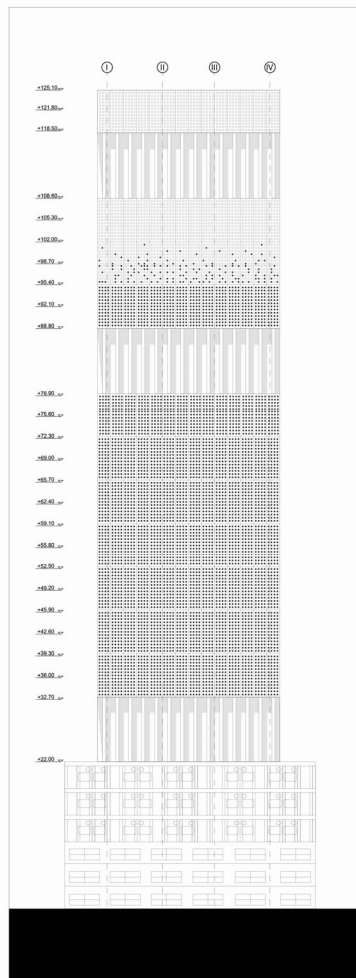
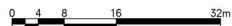


Transmitter

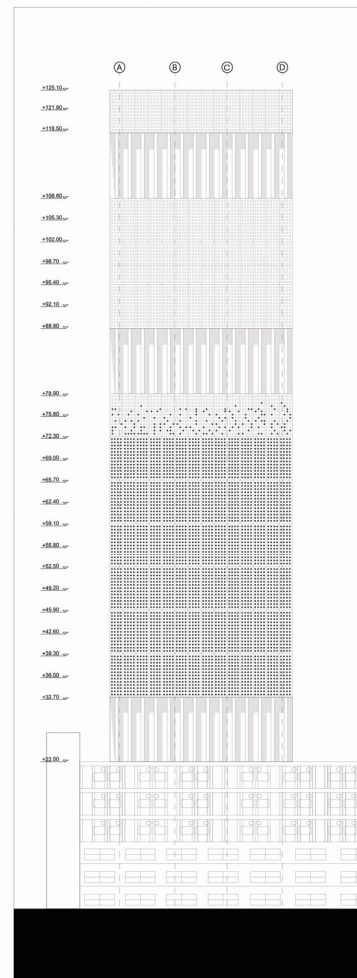
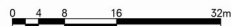
Facades 1:200



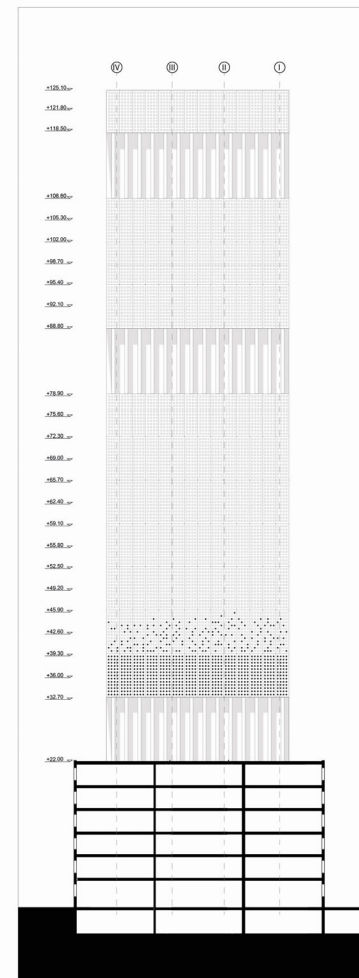
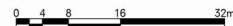
Facade North - Transmitter
scale 1:200



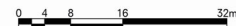
Facade East - Transmitter
scale 1:200



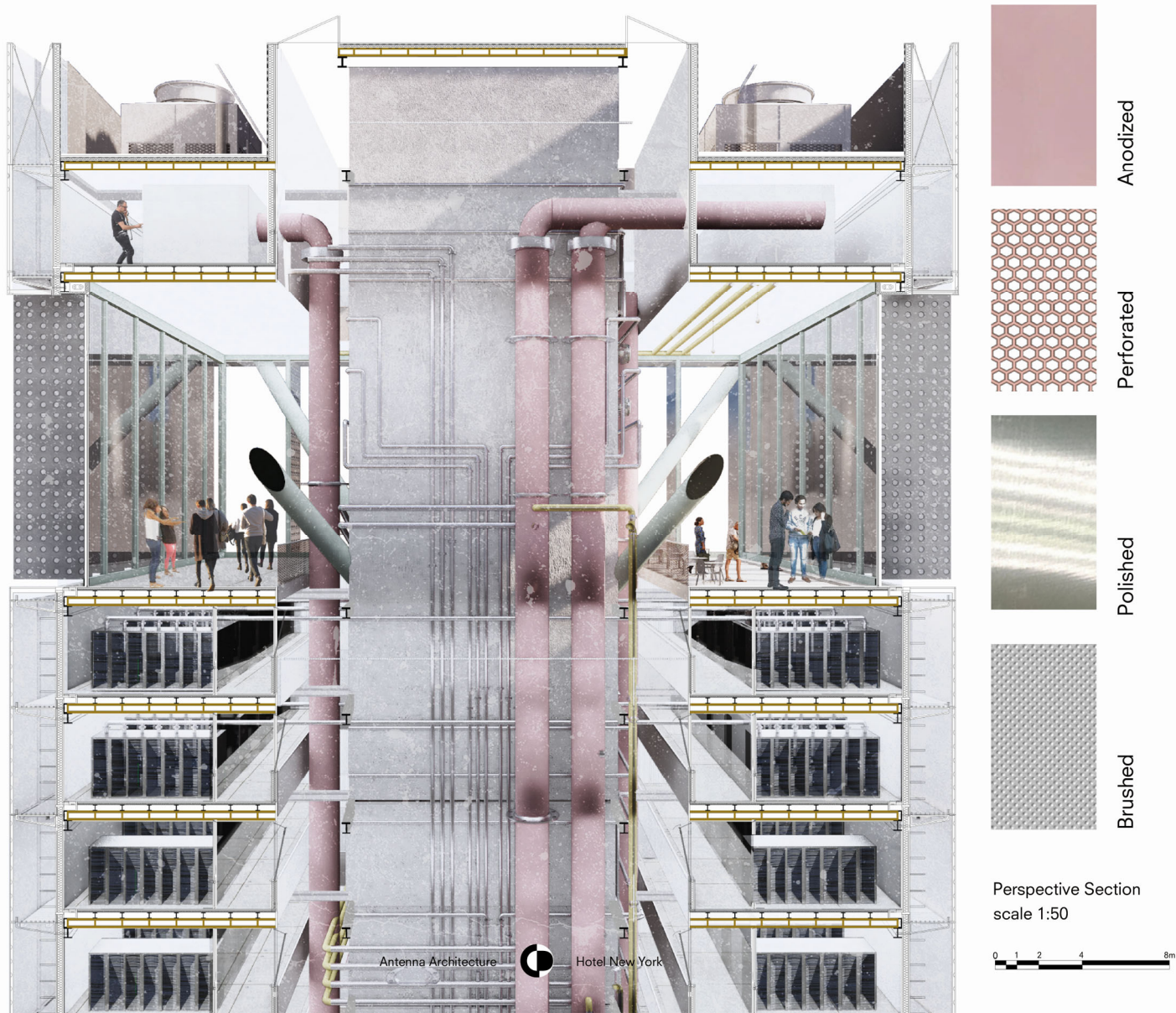
Facade South - Transmitter
scale 1:200



Facade West - Transmitter
scale 1:200



Transmitter
Interior 1:50



Introduction

Transmitter

Receiver

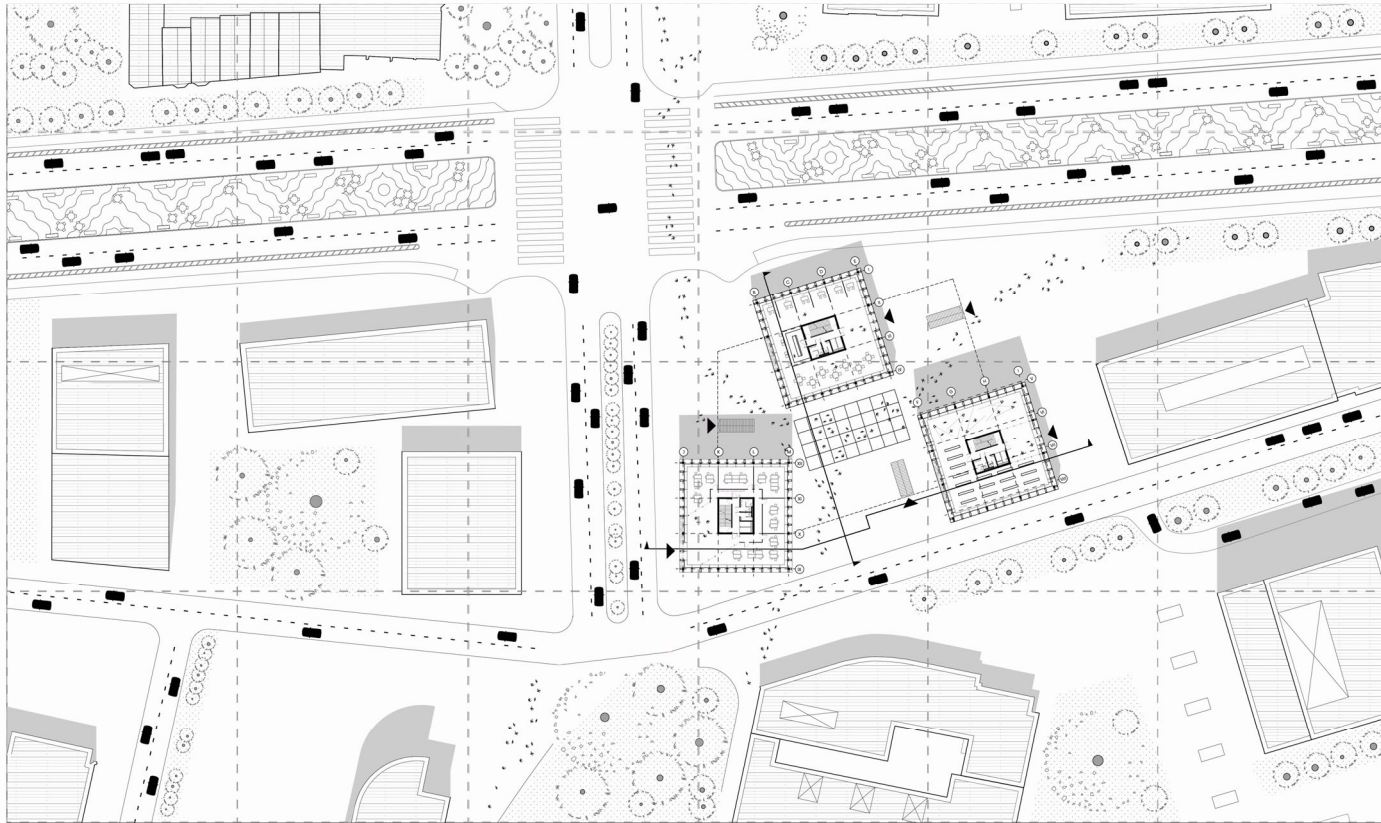
Detailing

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Receiver

Ground Floor 1:500

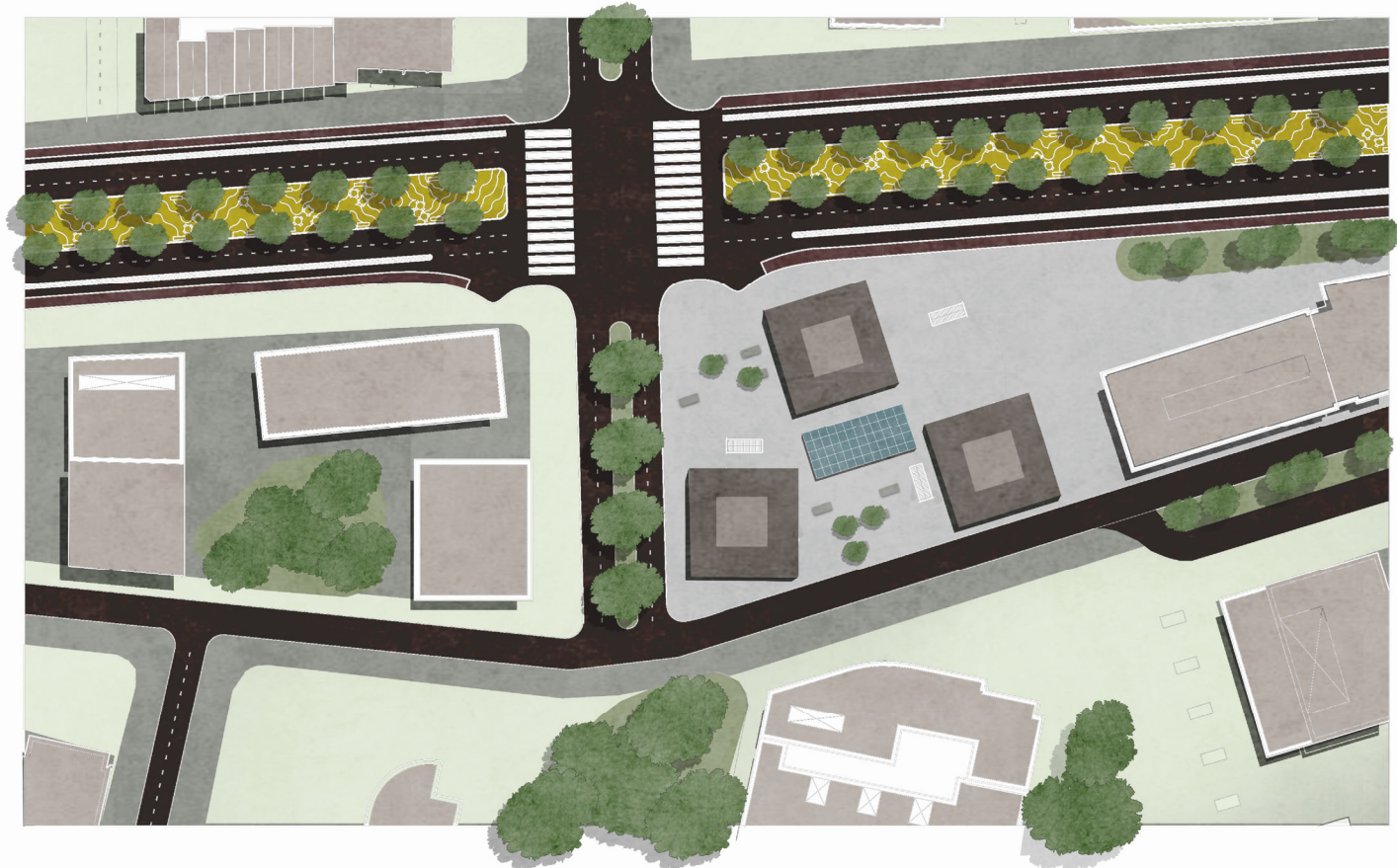


Urban Implementation - Receiver
scale 1:500



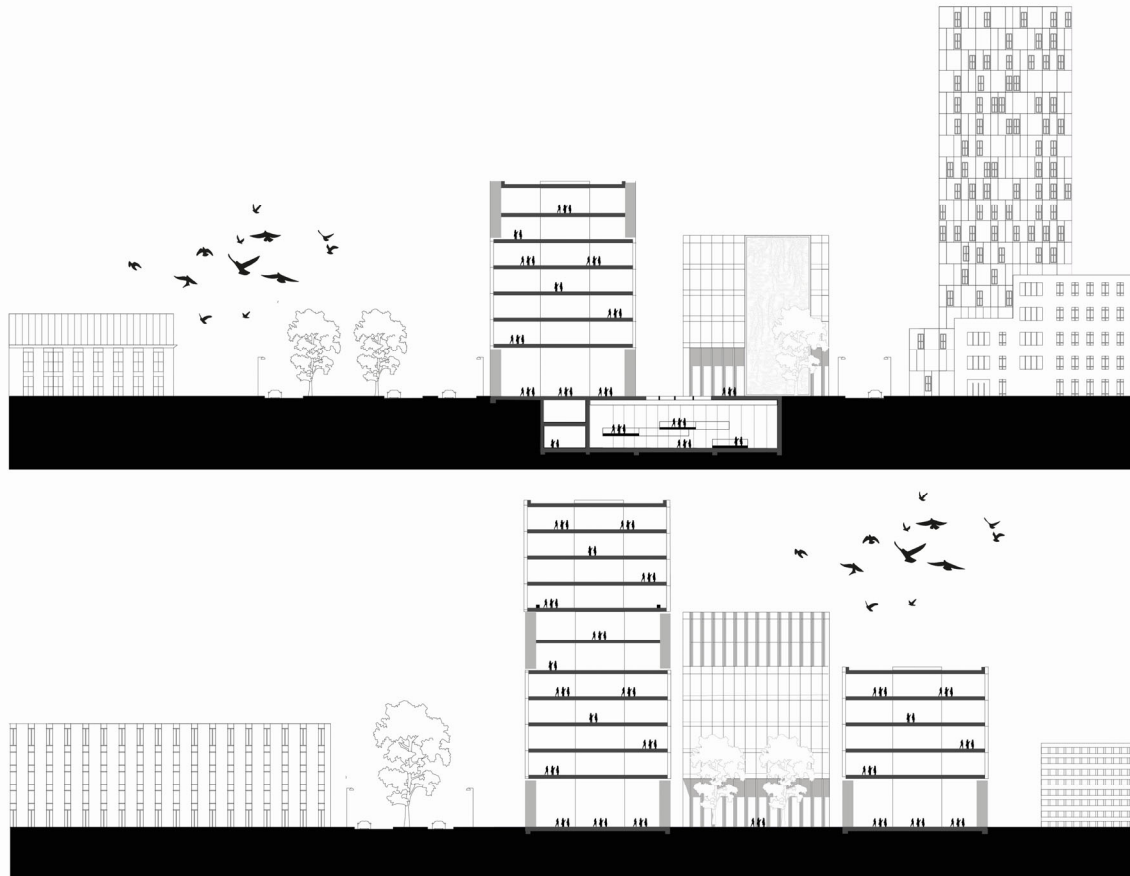
Receiver

Roof Plan 1:500



Receiver

Urban Sections 1:500

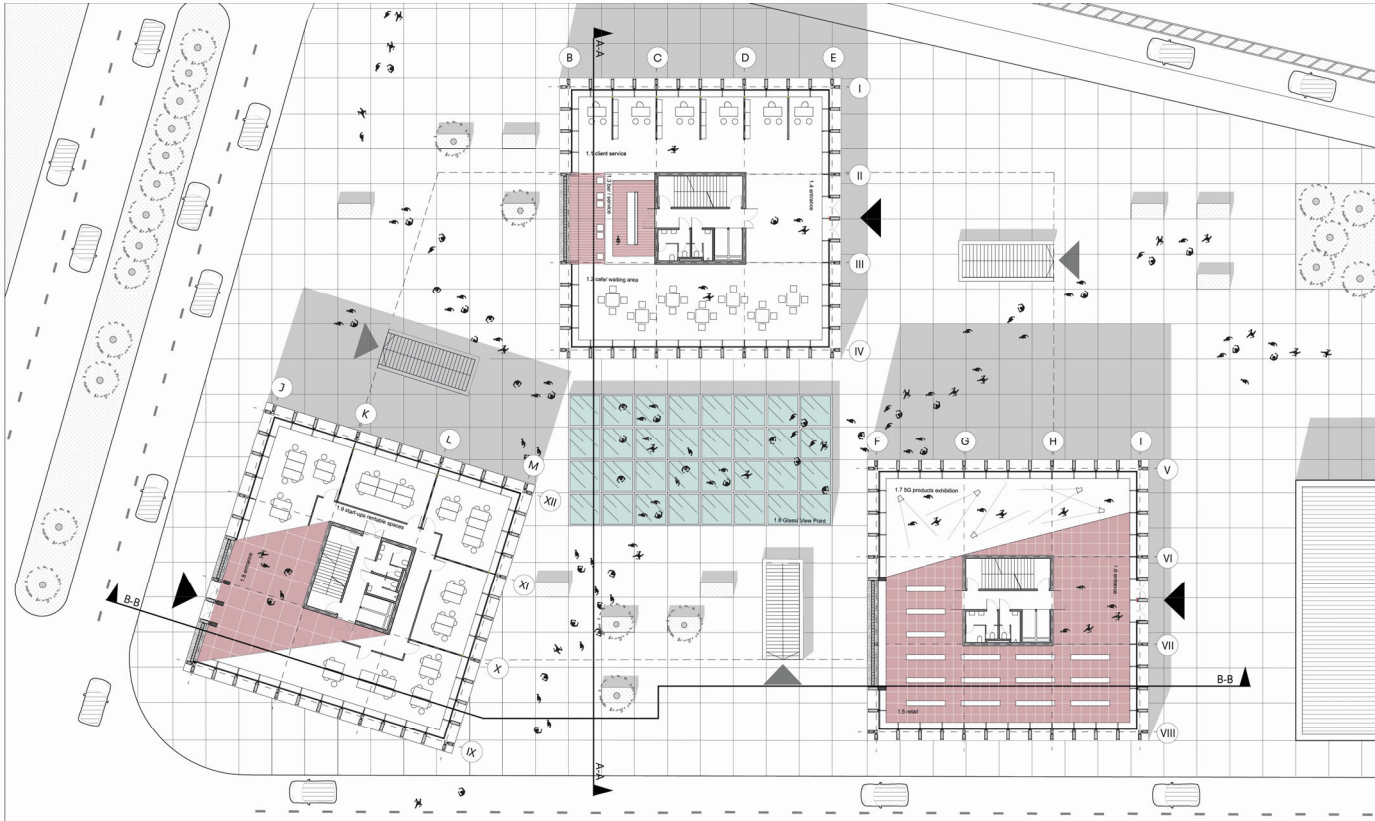


Urban Sections - Receiver
scale 1:500



Receiver

Ground Floor Design 1:200



Ground Floor - Receiver
scale 1:200



Receiver

View - Plaza



Receiver

-2 Floor 1:200

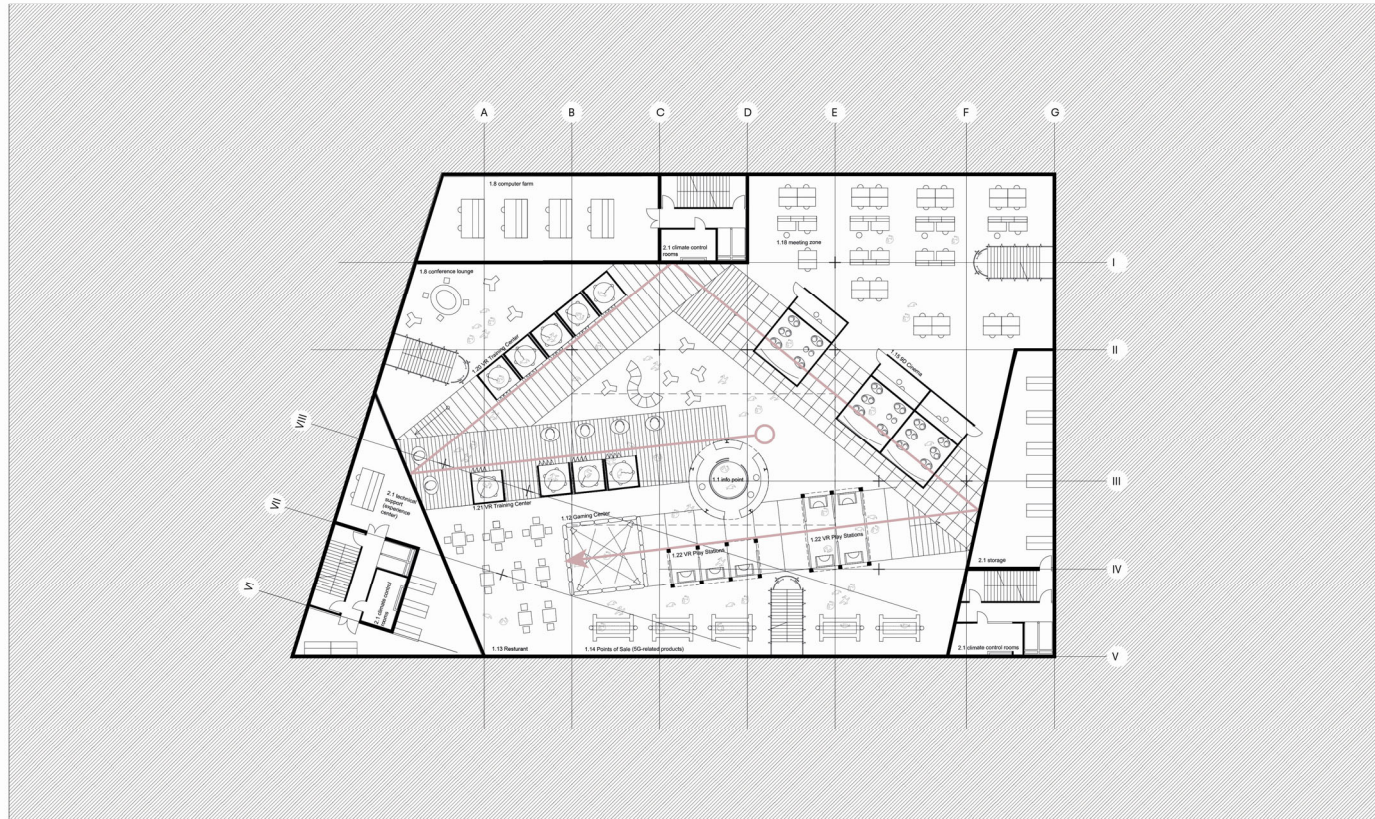


-2 Floor (Experience Center)- Receiver
scale 1:200



Receiver

-1 Floor 1:200



-1 Floor (Technical Floor) - Receiver
scale 1:200



Receiver

Axonometry



Receiver

Section 1:200

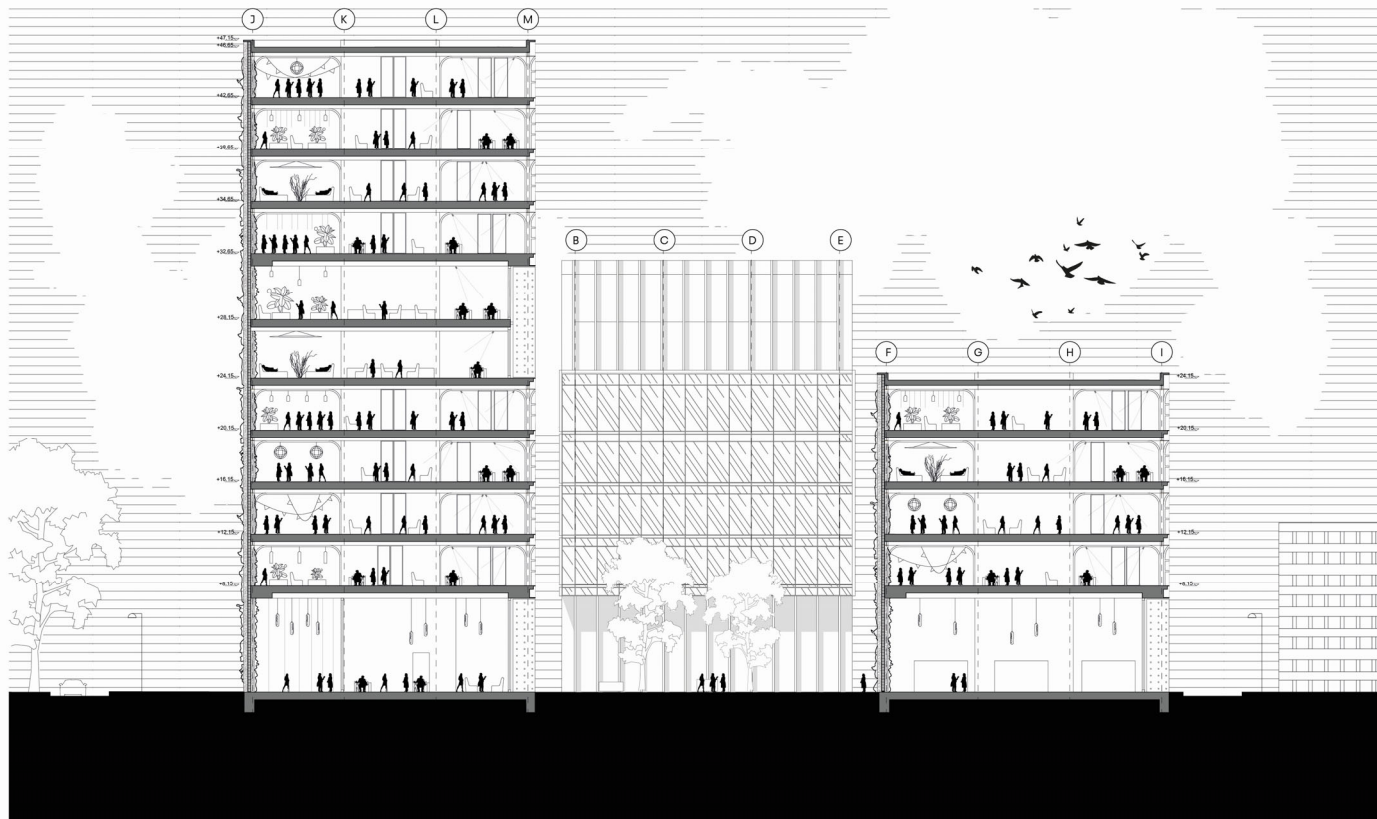


Section AA - Receiver
scale 1:200

0 2 4 8 16m

Receiver

Section 1:200

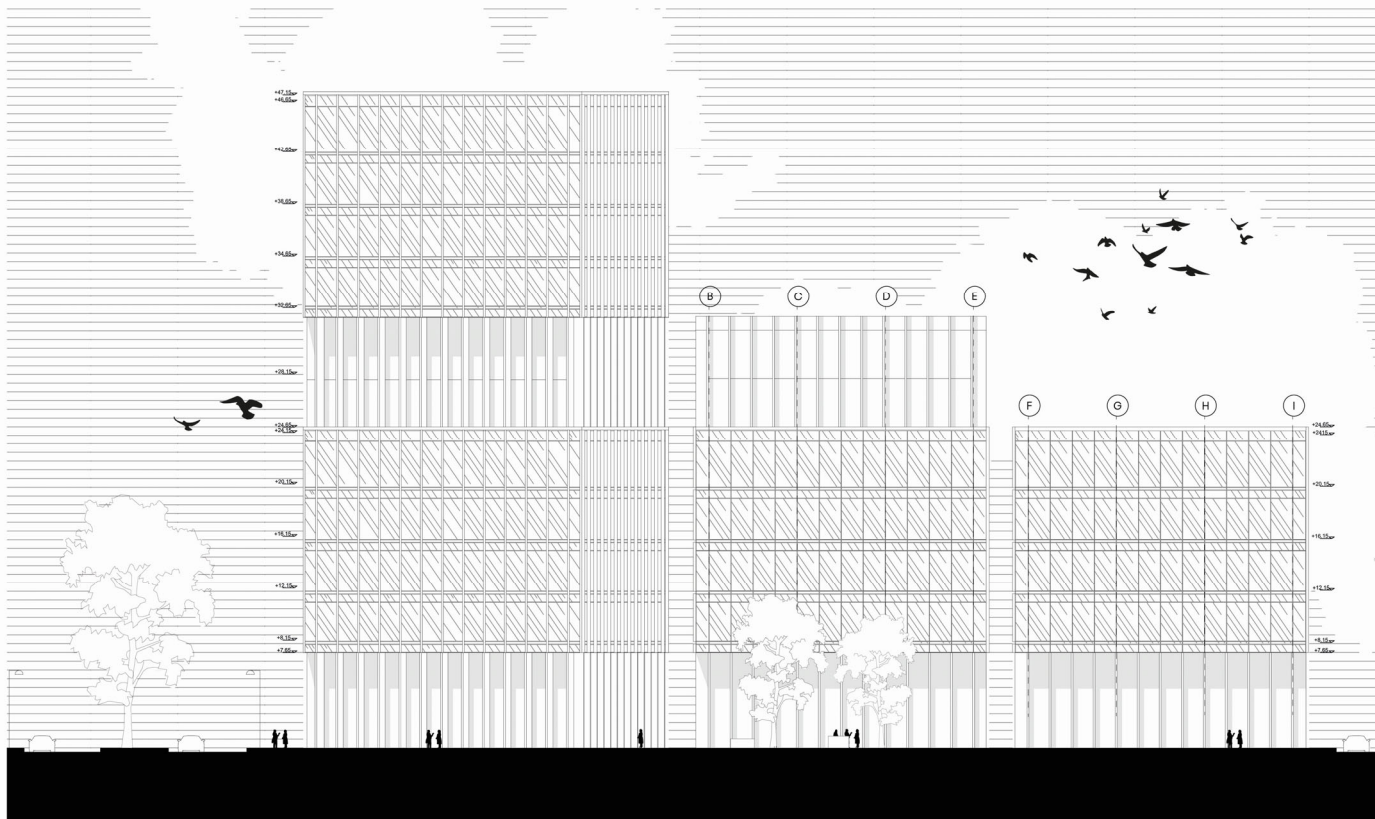


Section BB - Receiver
scale 1:200



Receiver

Facade 1:200



Facade South - Receiver
scale 1:200



Receiver

Facade 1:200

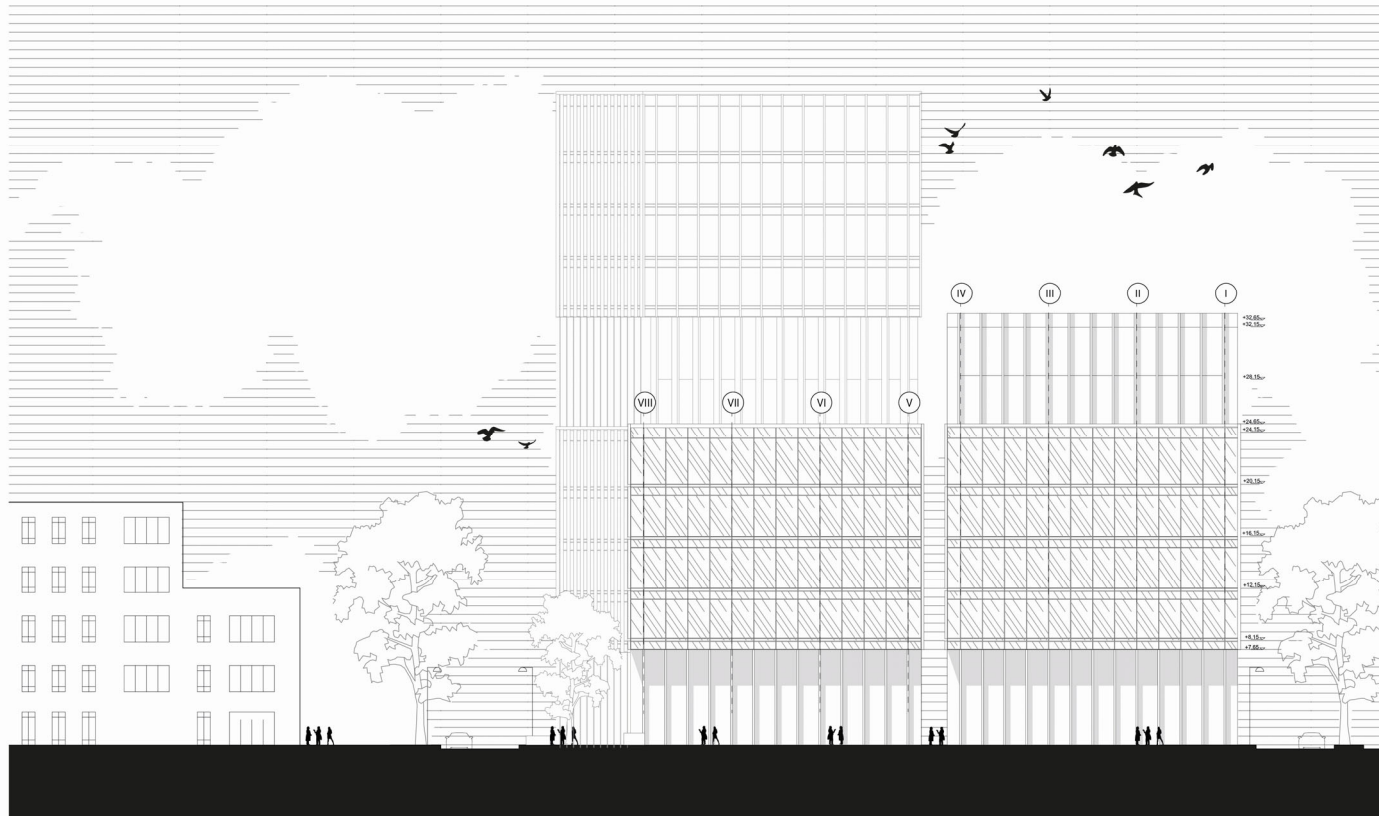


Facade West - Receiver
scale 1:200



Receiver

Facade 1:200

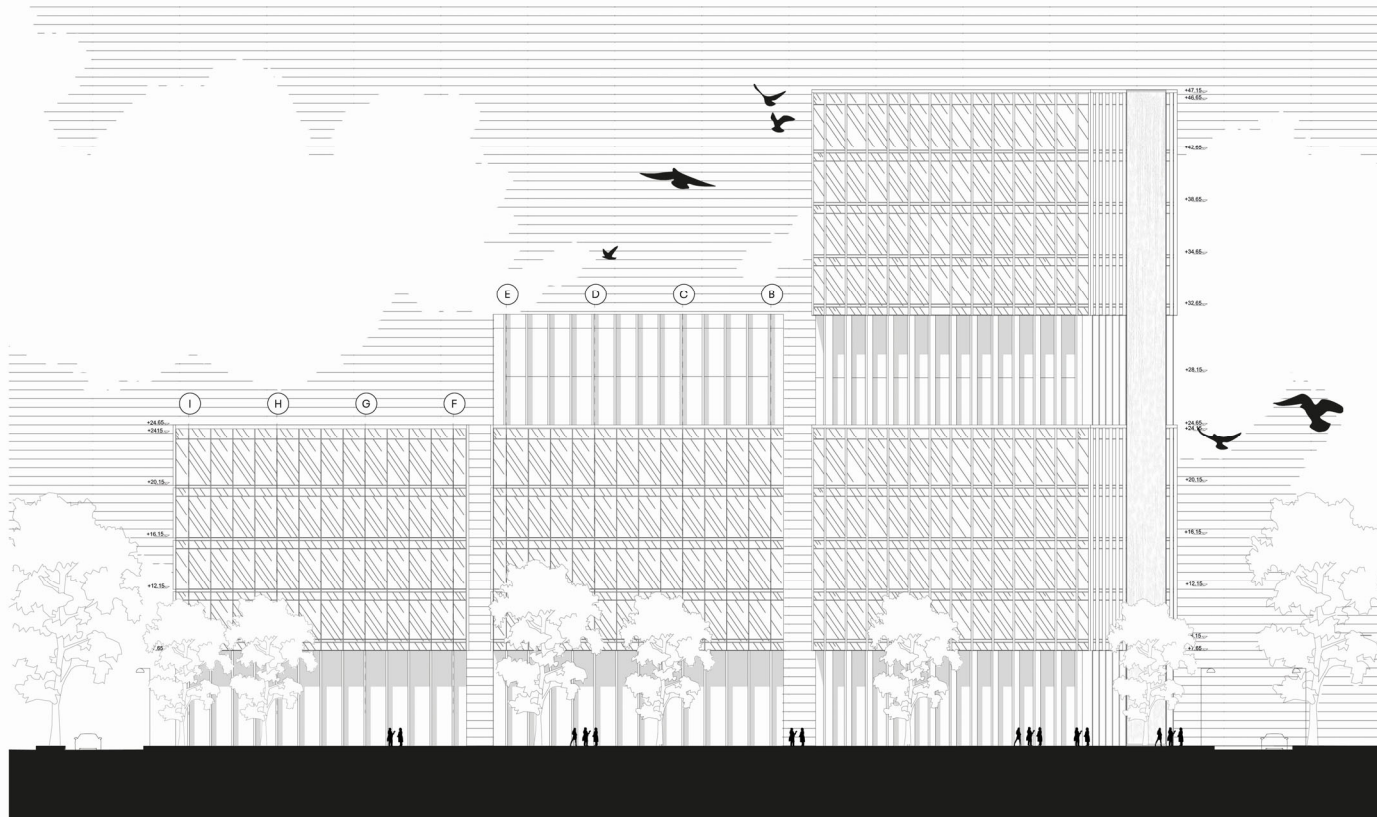


Facade East - Receiver
scale 1:200



Receiver

Facade 1:200



Facade North - Receiver
scale 1:200

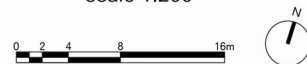


Receiver

Office Floor 1:200

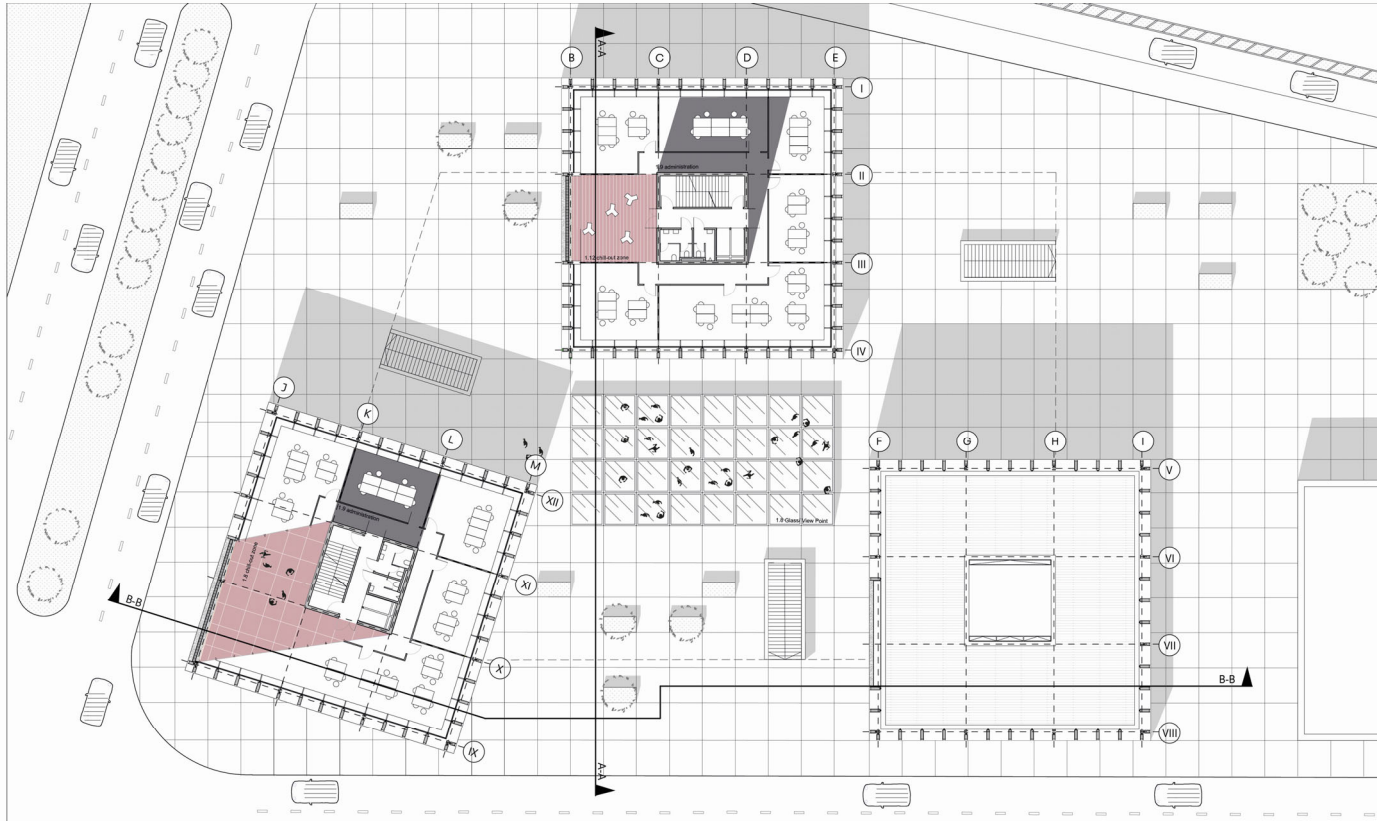


+2 Floor (Typical Office Floor) - Receiver
scale 1:200



Receiver

Administration Floor 1:200

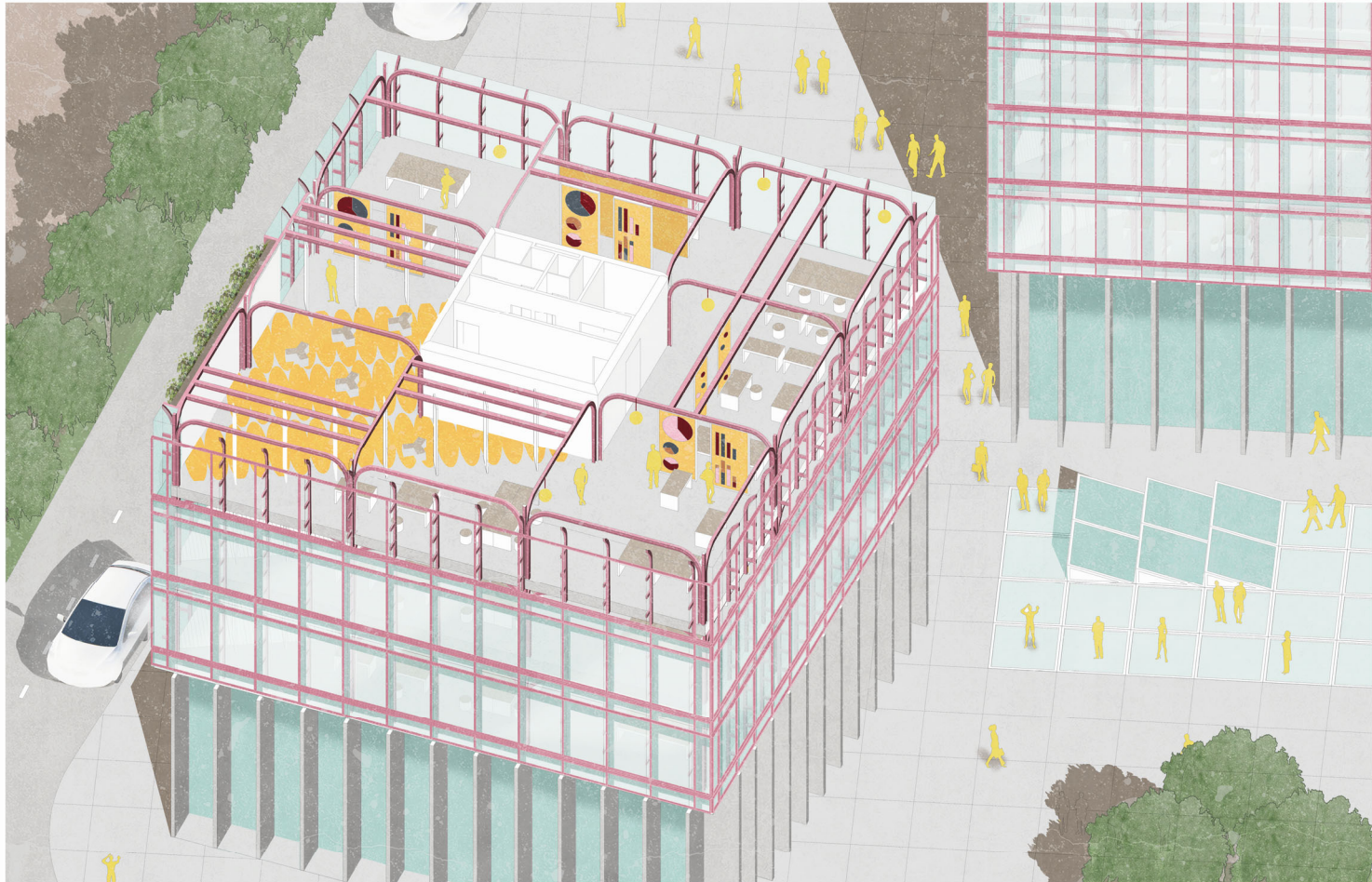


+5 Floor (Typical Office Floor) - Receiver
scale 1:200



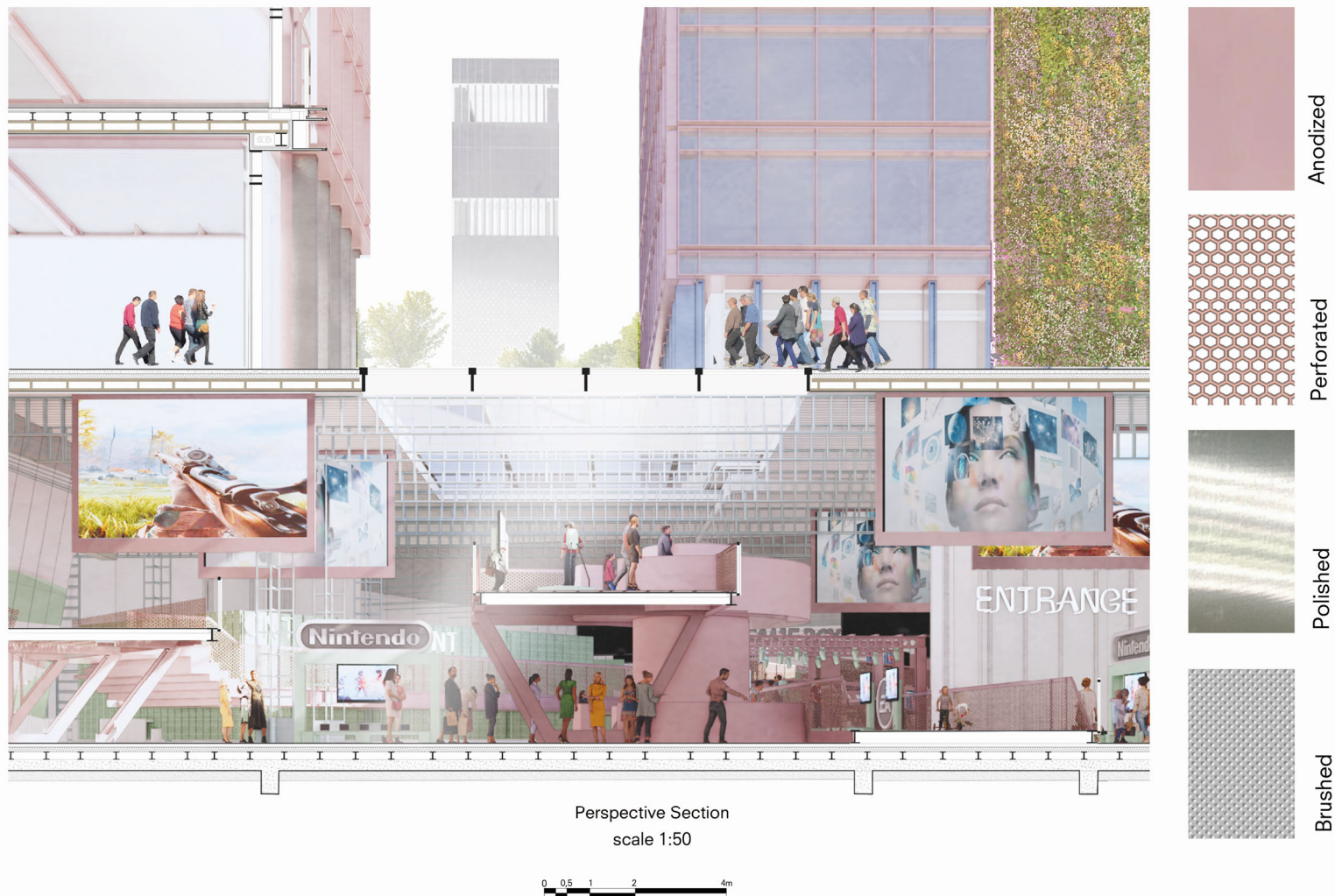
Receiver

Interior System - Receiver



Receiver

Experience Center 1:50



Introduction

Transmitter

Receiver

Detailing

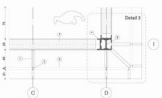
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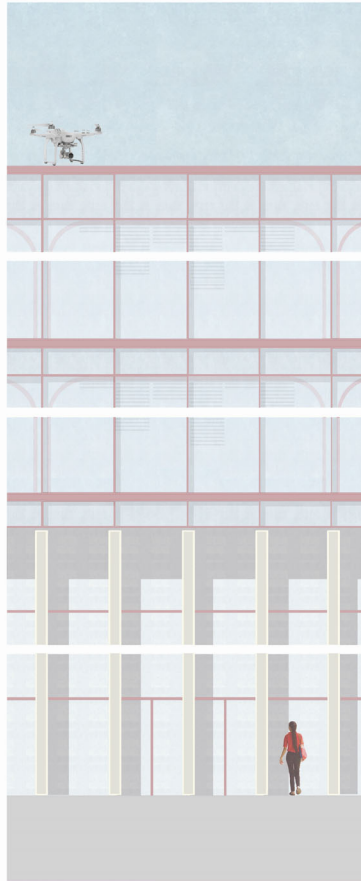
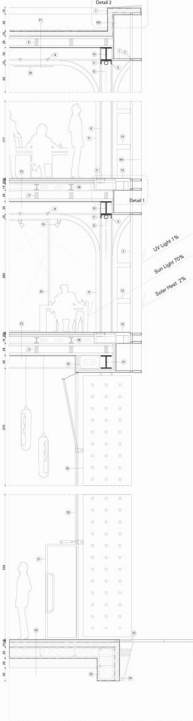
1:20 Facades

- Elements
- 1 Glass Fiber Insulation
 - 2 Mullion
 - 3 Spectrally Selective Double Glaze
 - 4 Air Inflow Floor System
 - 5 Aluminium C Profile 100 mm
 - 6 Steel I-Column 300mm
 - 7 Aluminium Profile
 - 8 Lignatur Panel
 - 9 Steel Joint
 - 10 Steel I-Beam 300mm
 - 11 Roller Blinds System
 - 12 Blinds
 - 13 Air Handling Unit
 - 14 Aluminium Facade System
 - 15 5G Sensors
 - 16 Screens
 - 17 Antenna Paelling Control Unit
 - 18 5G Massive MIMO Antenna
 - 19 Double Glass Window
 - 20 Automatic Doors 220x90
 - 21 Water Drainage System
 - 22 Reinforced Concrete Foundation
 - 23 Drainage Water Pipe ø 100mm
 - 24 Ceiling Cooling Panels
 - 25 Wood I-Beam 150 mm
 - 26 Glazed Facade
 - 27 Double Glazed Curtain Wall th. 20 mm
 - 28 Attic Wall
 - 29 Gypsum Board th. 20 mm
 - 30 Water Insulation th. 0,5mm
 - 31 Fiber Glass th. 10 cm
 - 32 Panel Cladding th. 10 mm
 - 33 Roof
 - 34 Gravel th. 30mm
 - 35 Water Insulation th. 0,5mm
 - 36 Thermal Insulation - mineral wool th. 10 cm
 - 37 Lignature Floor Panel th. 250 mm
 - 38 Middle Floor
 - 39 Floor Finish th. 20 mm
 - 40 Gypsum Board th. 20 mm
 - 41 Hard Fiber Insulation 50 mm
 - 42 MDF Board 50 mm
 - 43 Service Distribution Space th. 150 mm
 - 44 Lignature Floor Panel th. 250 mm
 - 45 Foundation Floor
 - 46 Floor Finish th. 20 mm
 - 47 Concrete th. 40 mm
 - 48 Hydro Insulation th. 0,5 mm
 - 49 Thermal Insulation - Mineral Wool th. 100mm
 - 50 Hydro Insulation th. 0,5 mm
 - 51 Reinforced Concrete Floor th. 250 mm
 - 52 Sand 200 mm

Receiver Facade Plan

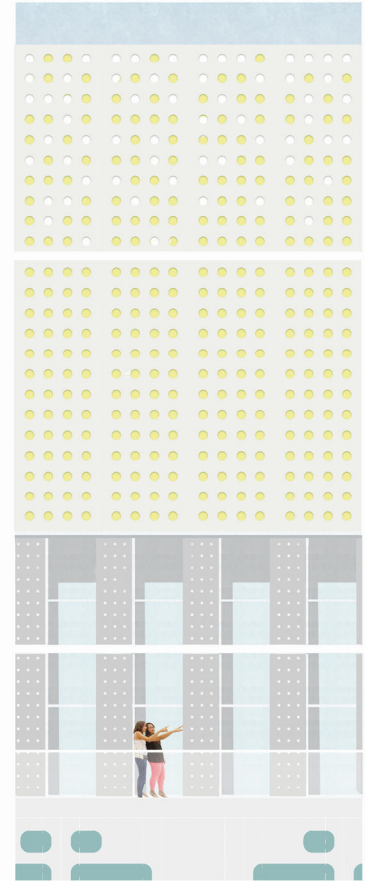
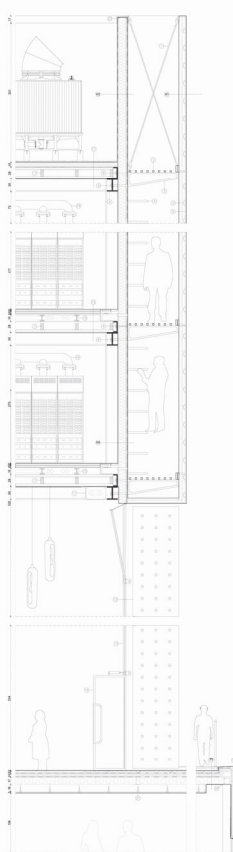


Receiver Facade Section

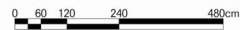


- Elements
- 1 Steel Bracing
 - 2 Maintenance Path
 - 3 Facade Support System
 - 4 Steel Profile
 - 5 Maintenance Ladder
 - 6 LED Reflectors
 - 7 Supporting Steel Frame
 - 8 Lignatur Panel
 - 9 Steel Joint
 - 10 Steel I-Beam 300mm
 - 11 Service Distribution Area/Wooden I Beams
 - 12 Antenna Paelling Control Unit
 - 13 5G Massive MIMO Antenna
 - 14 Double Glass Window
 - 15 Mullion
 - 16 Aluminium Roof Profile
 - 17 Server Cooling System
 - 18 Prefabricated Facade Panel
 - 19 Anchor Bolt
 - 20 Mineral Wool 150 mm
 - 21 Reinforced Concrete Beam
 - 22 Suspended Ceiling System
 - 23 Air Handling Unit
 - 24 Aluminium Roof Profile
 - 25 Facade Skin
 - 26 Aluminium Frame 160 mm
 - 27 Panels with LED Lights
 - 28 Attic Wall
 - 29 Fiber Cement Panel 30 mm
 - 30 Water Insulation th. 0,5mm
 - 31 Gypsum Board th. 20 mm
 - 32 Mineral Wool th. 150 mm
 - 33 Gypsum Board th. 20 mm
 - 34 Water Insulation th. 0,5mm
 - 35 External Wall
 - 36 Fiber Cement Panel 30 mm
 - 37 Water Insulation th. 0,5mm
 - 38 Gypsum Board th. 20 mm
 - 39 Mineral Wool th. 150 mm
 - 40 Gypsum Board th. 20 mm
 - 41 Roof
 - 42 Gravel th. 30mm
 - 43 Water Insulation th. 0,5mm
 - 44 Thermal Insulation - mineral wool th. 10 cm
 - 45 Lignature Floor Panel th. 250 mm
 - 46 Middle Floor
 - 47 Floor Finish th. 20 mm
 - 48 Gypsum Board th. 20 mm
 - 49 Service Distribution Space th. 250 mm
 - 50 Hard Fiber Insulation 100 mm
 - 51 Lignature Floor Panel th. 250 mm
 - 52 Existing Floor
 - 53 Floor Finish th. 20 mm
 - 54 Concrete th. 40 mm
 - 55 Hydro Insulation th. 0,5 mm
 - 56 Mineral Wool th. 150mm
 - 57 Hydro Insulation th. 0,5 mm
 - 58 Concrete Slab Floor th. 250 mm

Transmitter Facade Section



Facade Detail
scale 1:20



THANK YOU.



complex projects