The Vertical Campus | Building Design Overview

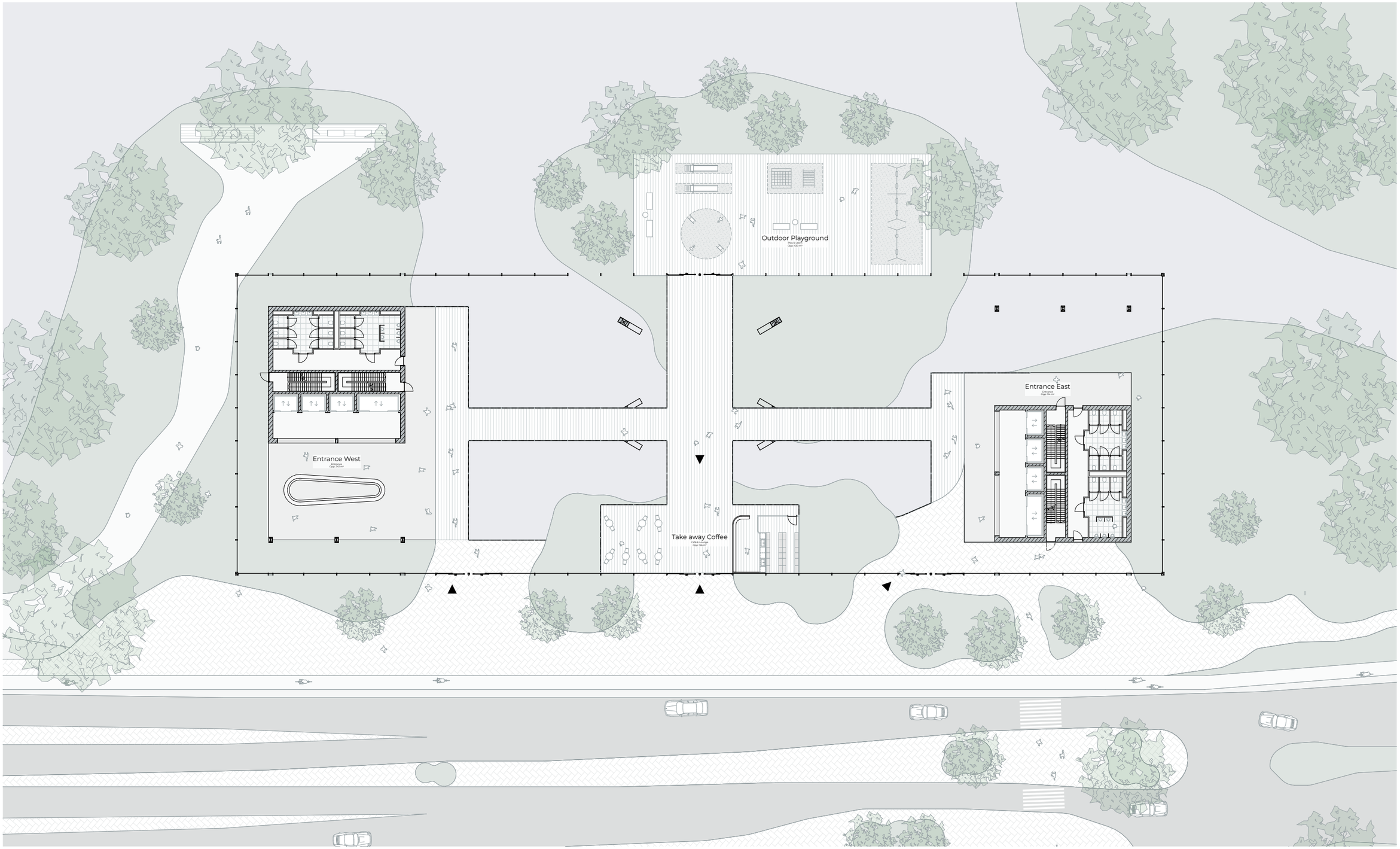
AR3AP100 Public Building Design | 20 - 6 - 2024

Tristan Hazeleger | 5658608

MSc Architecture, Urbanism and Building Sciences | TU Delft

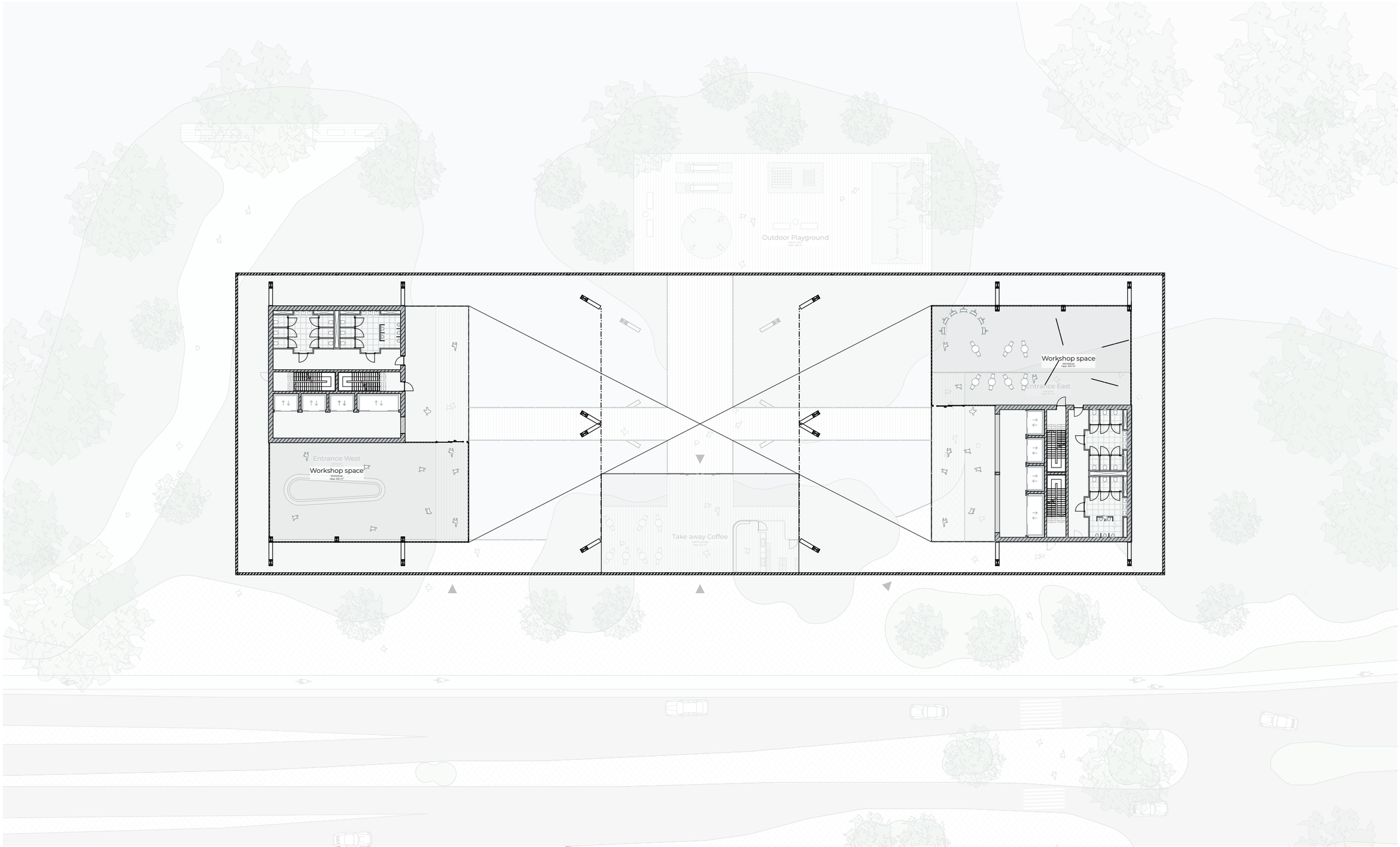
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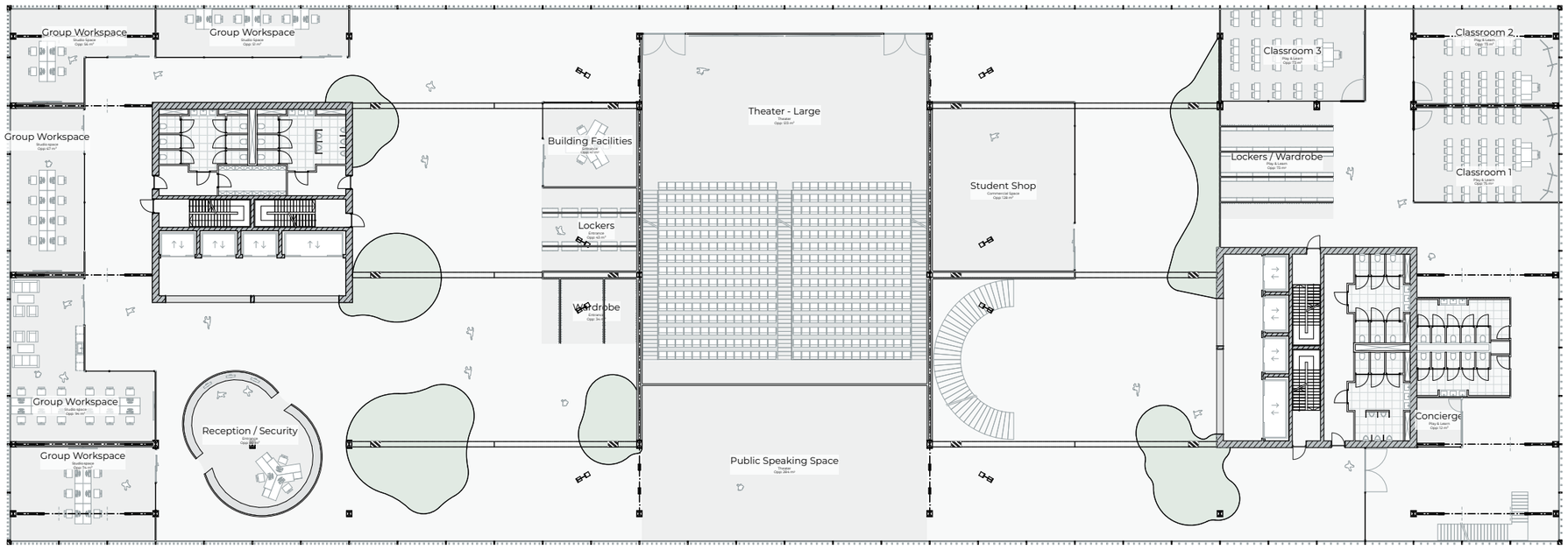
Ground Floor | 1:400

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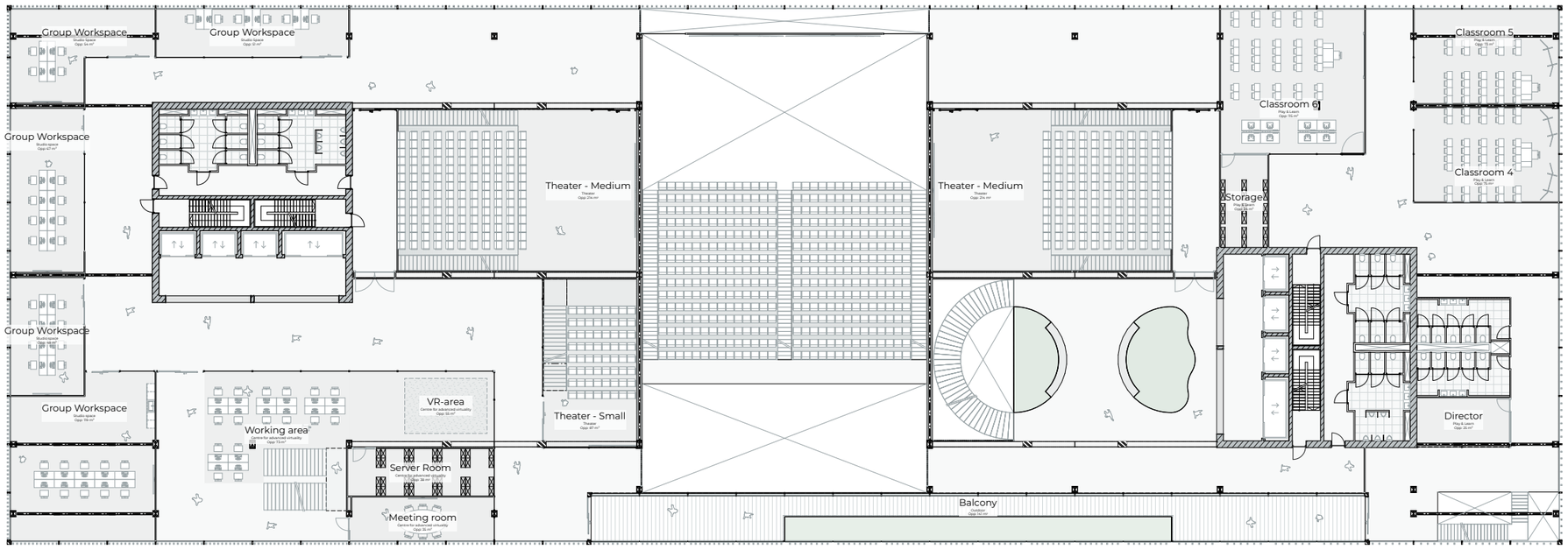
1st Floor | 1:400

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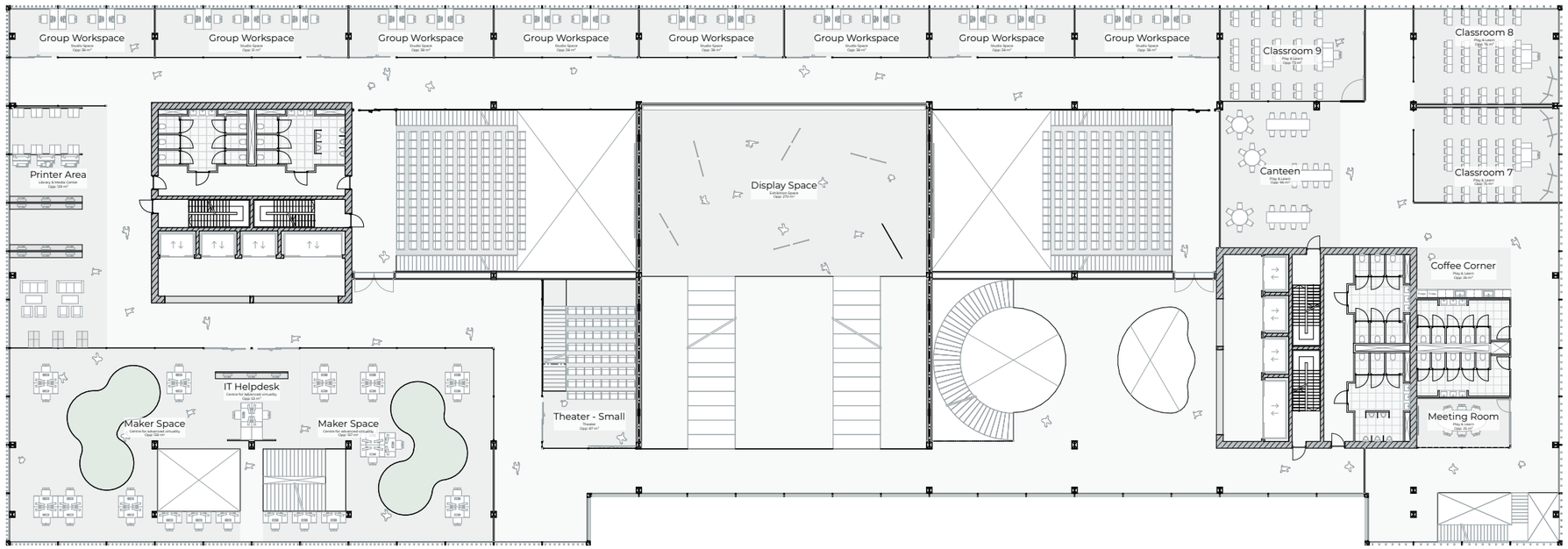
2nd Floor | 1:400

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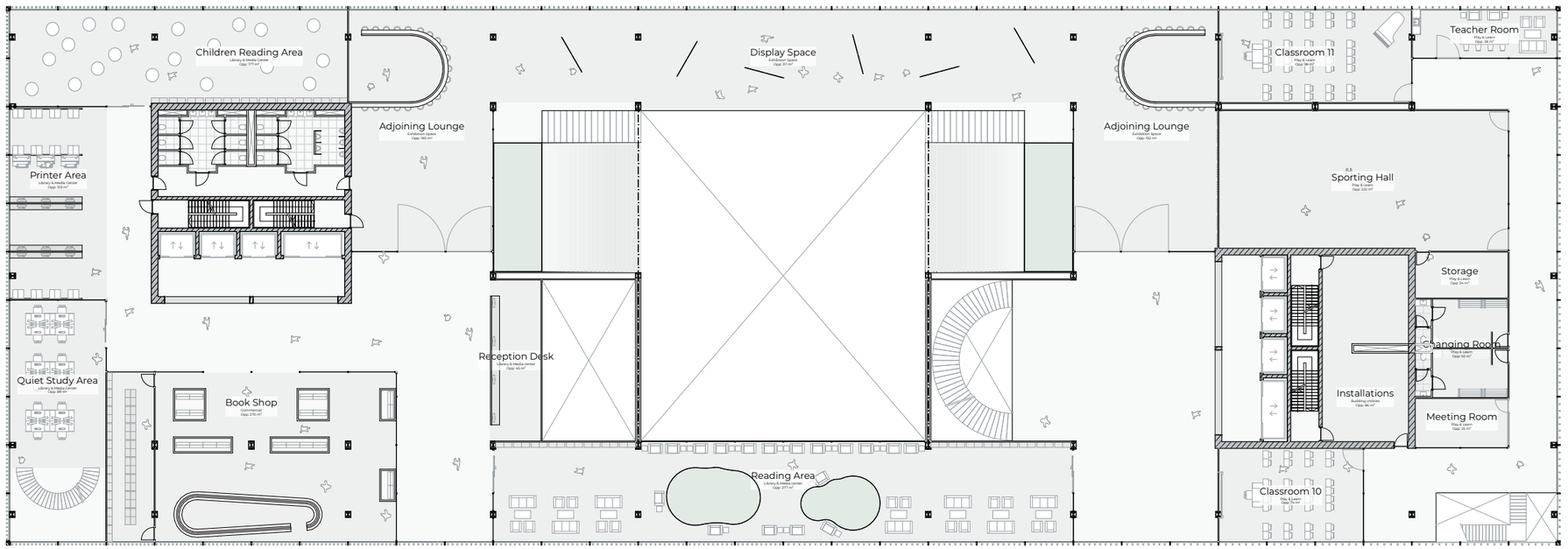
3rd Floor | 1:400

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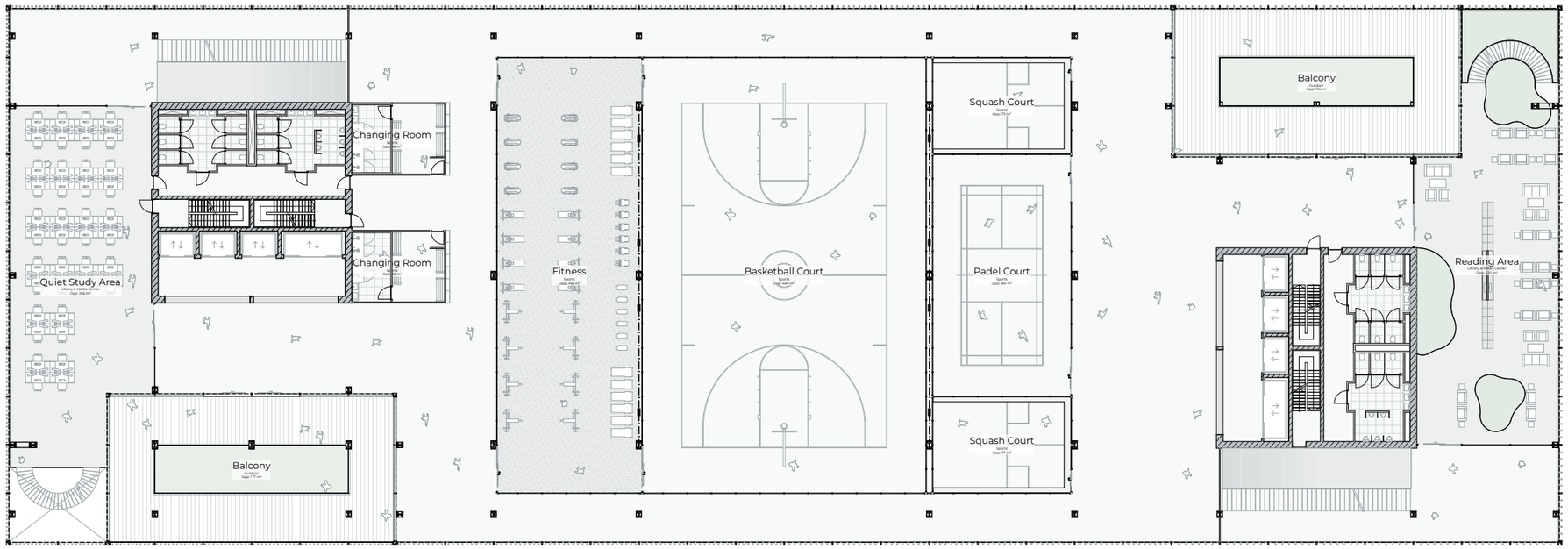
4th Floor | 1:400

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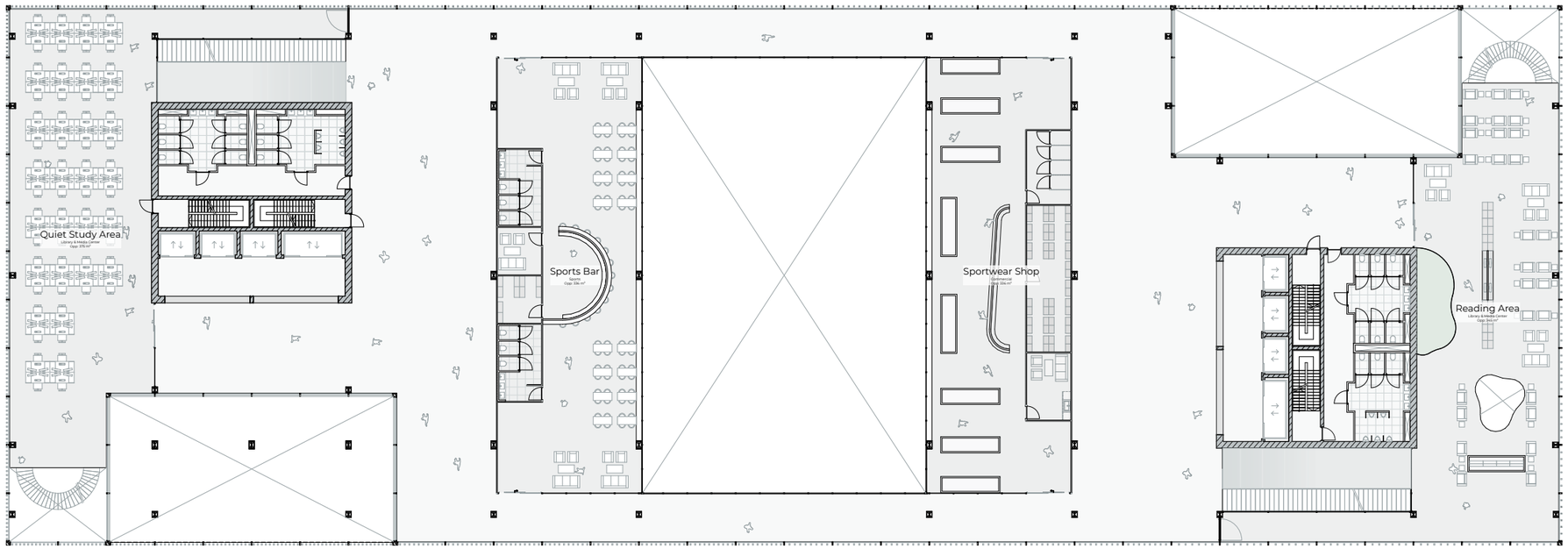
5th Floor | 1:400

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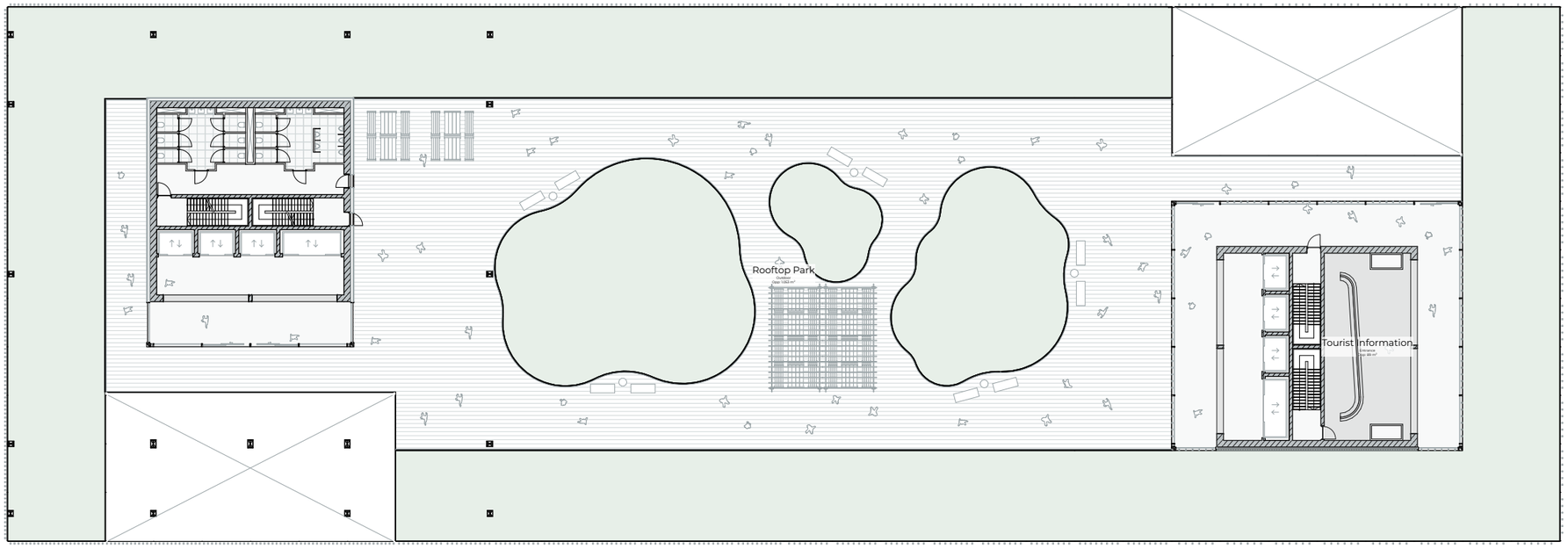
6th Floor | 1:400

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7th Floor | 1:400

AR3AP100 Public Building Design

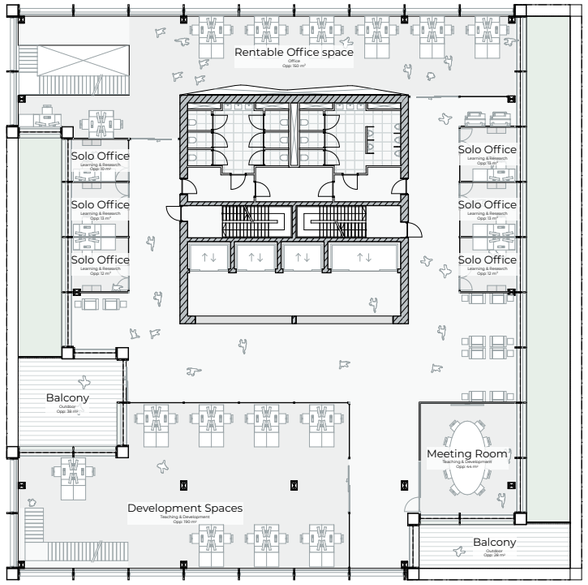


8th Floor | 1:400

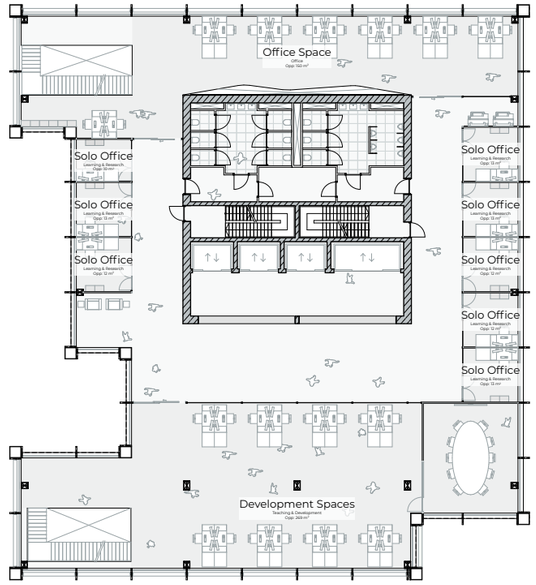


9th Floor | 1:400

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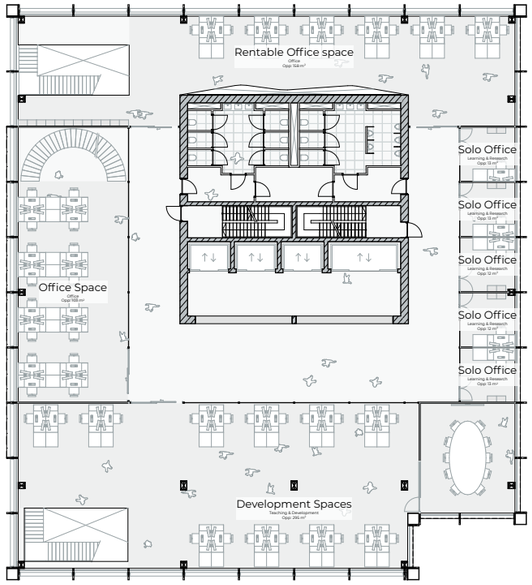


10th Floor

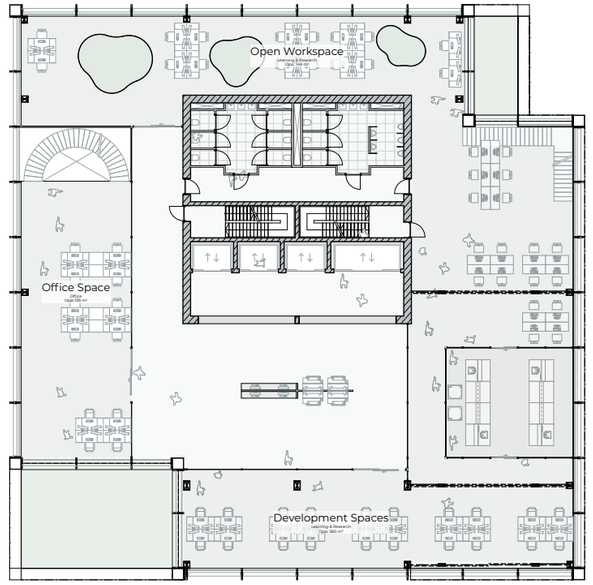


11th Floor

10th Floor & 11th Floor | 1:400



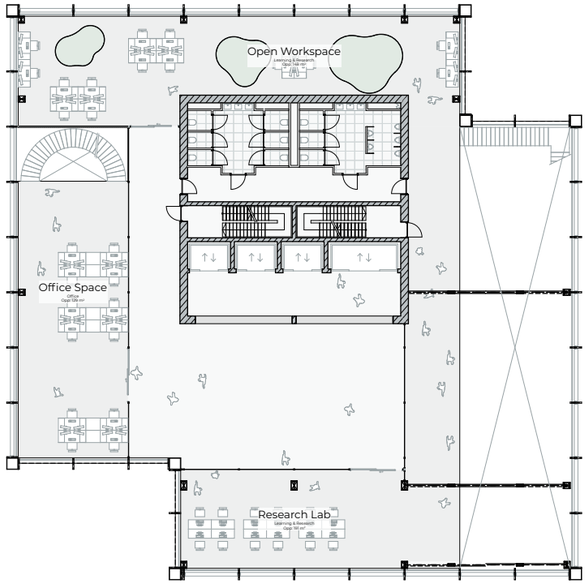
12th Floor



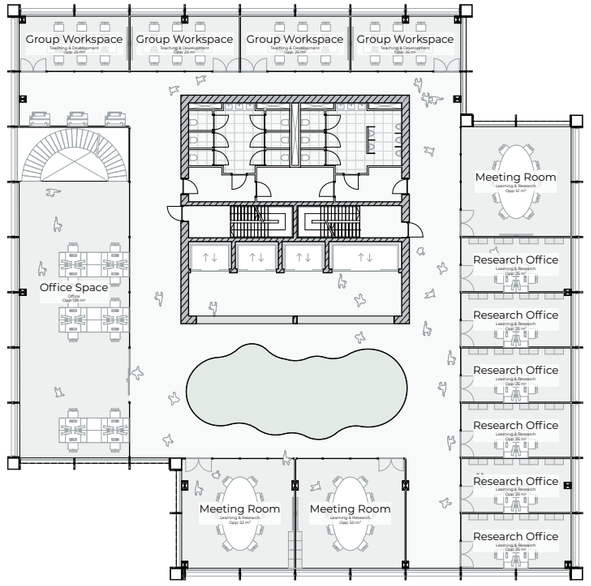
13th Floor

12th Floor & 13th Floor | 1:400

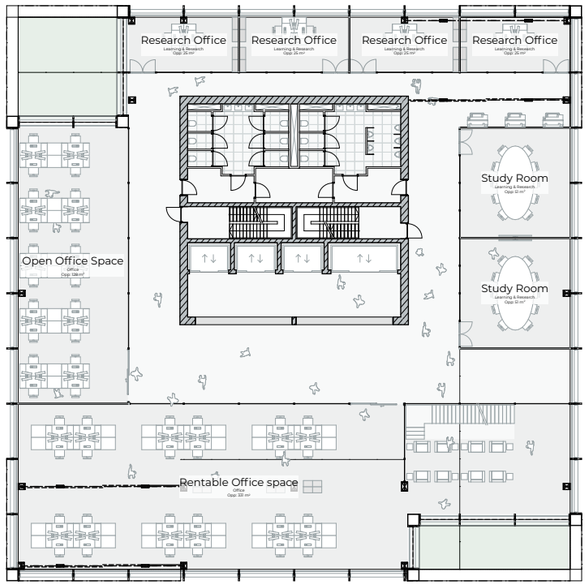
AR3AP100 Public Building Design



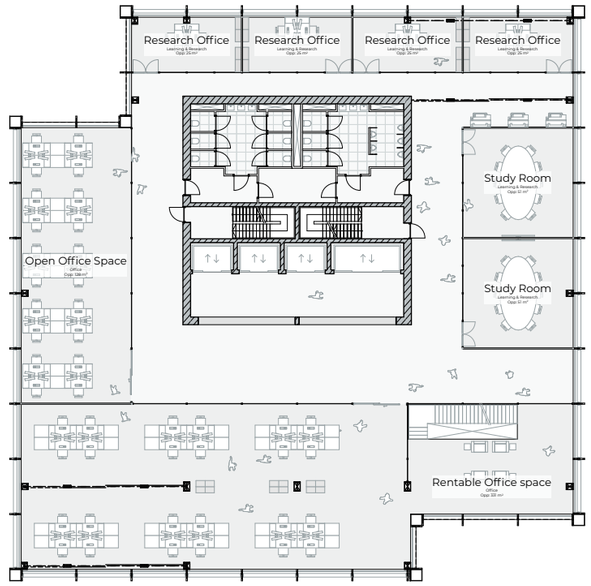
14th Floor



15th Floor



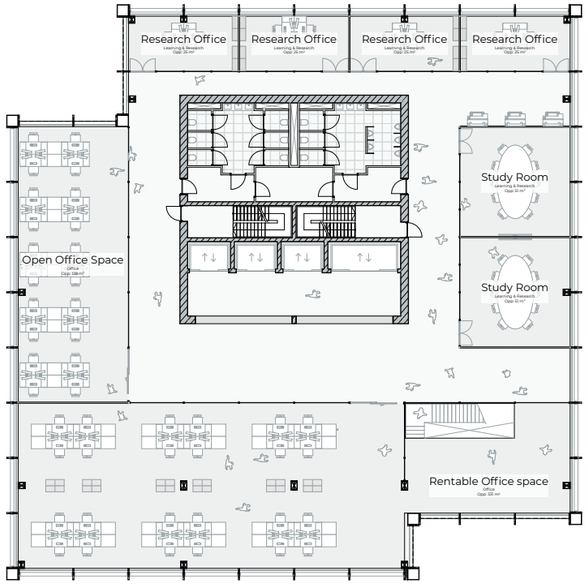
16th Floor



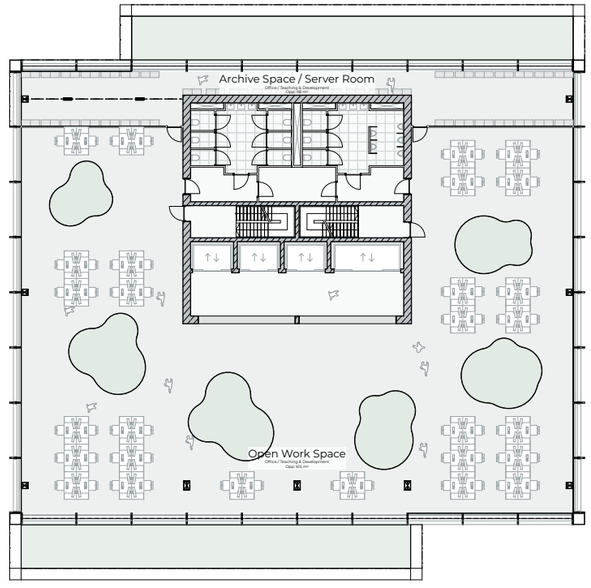
17th Floor

16th Floor & 17th Floor | 1:400

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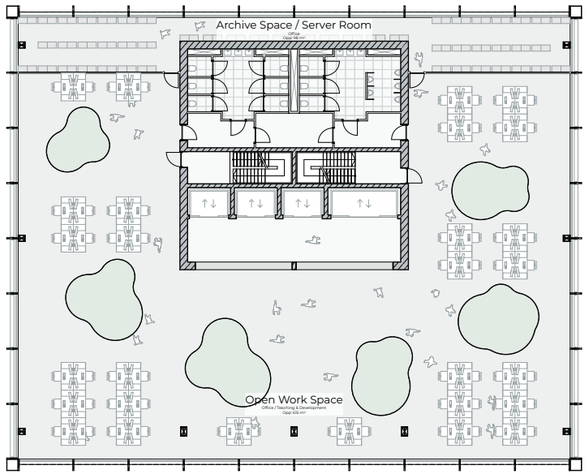
18th Floor



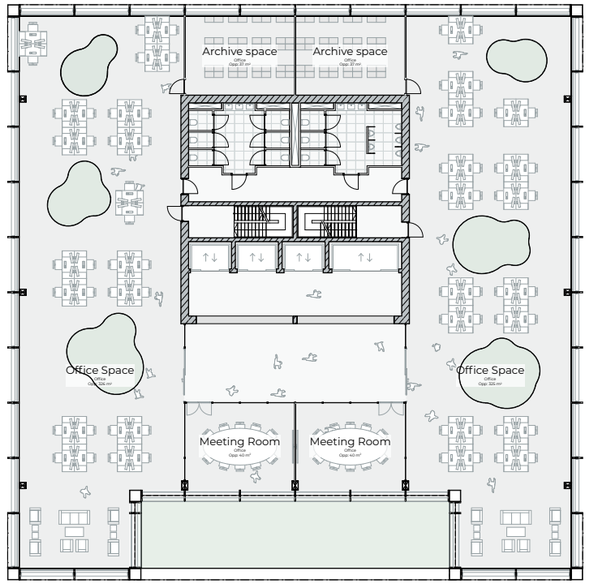
19th Floor

18th Floor & 19th Floor | 1:400

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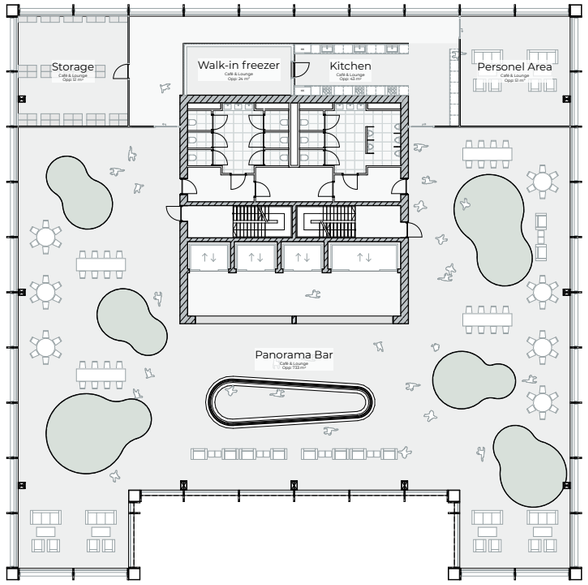


20th Floor

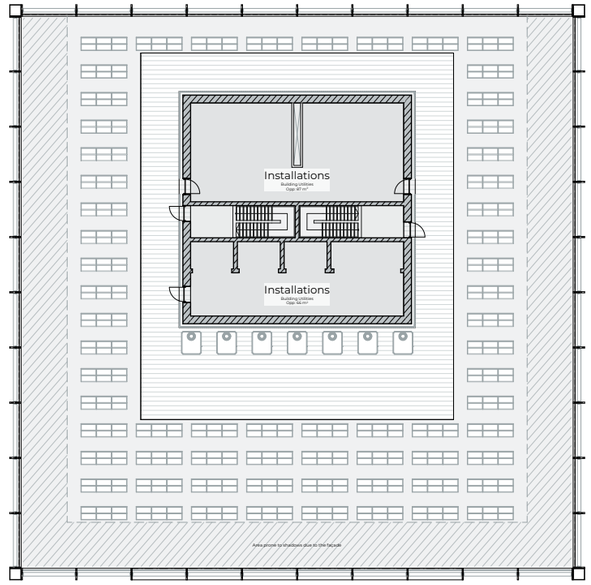


21st Floor

20th Floor & 21st Floor | 1:400

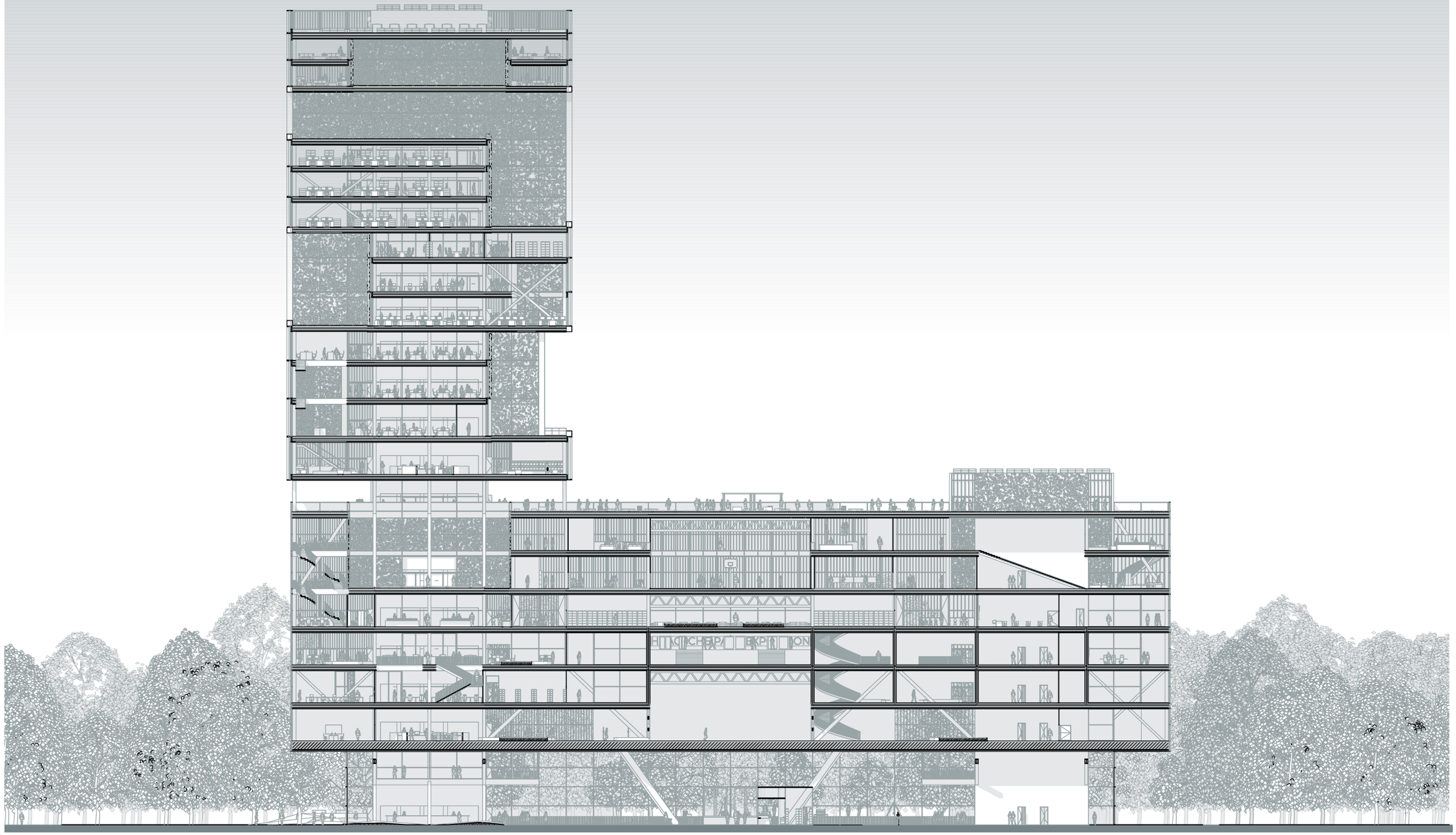


22nd Floor

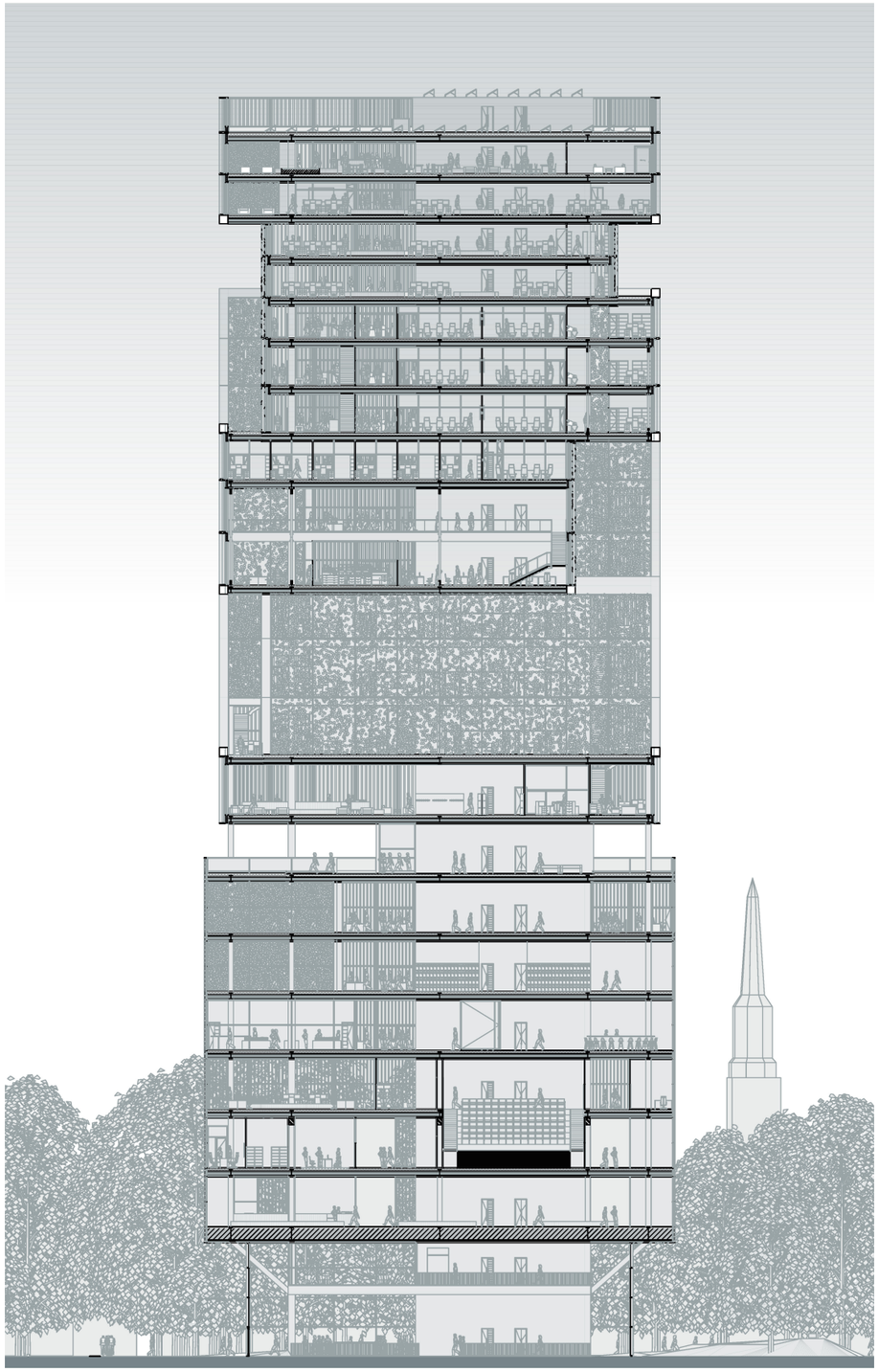


23rd Floor

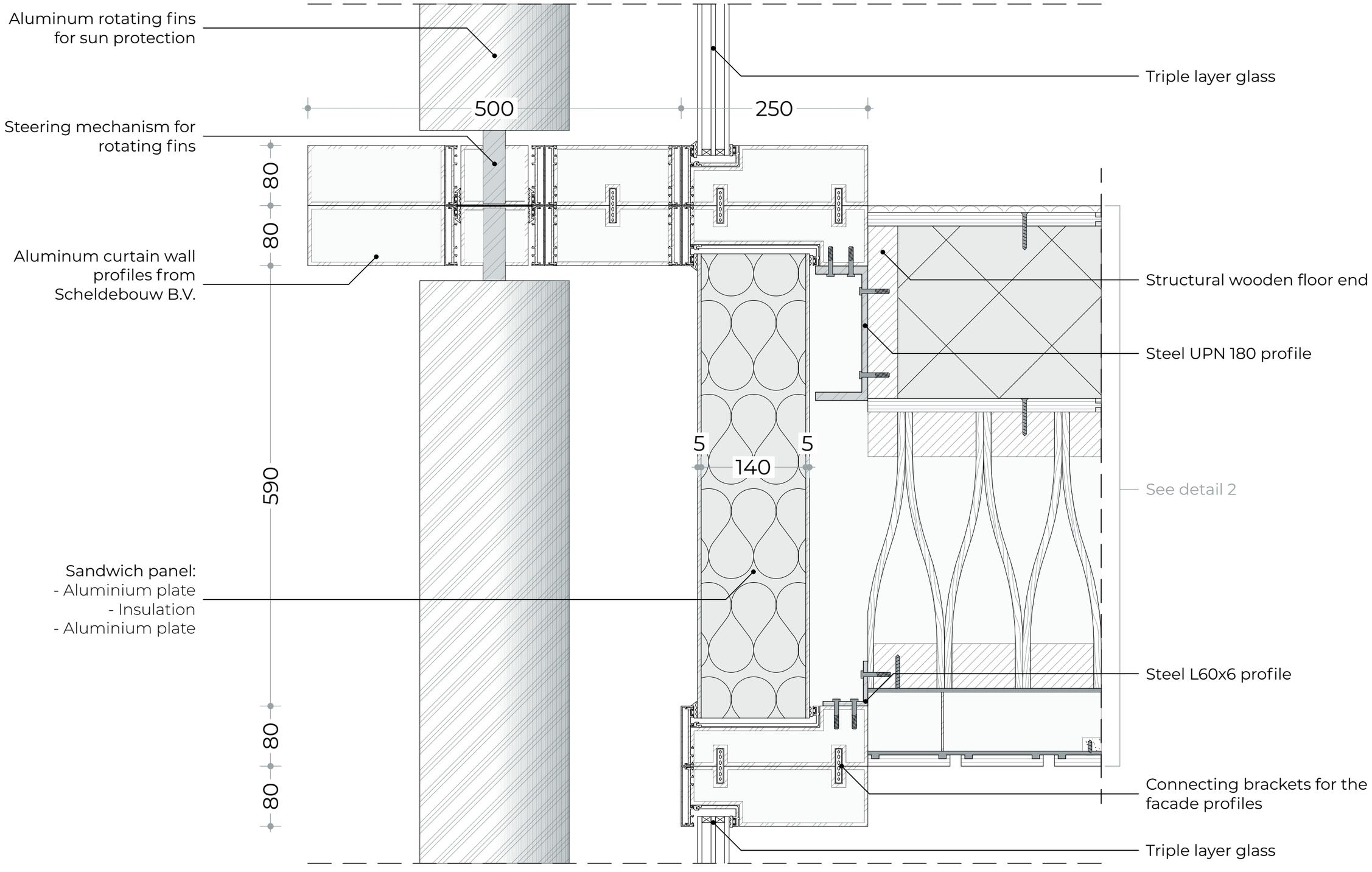
22nd Floor & 23rd Floor | 1:400



Section Lengthwise | 1:500

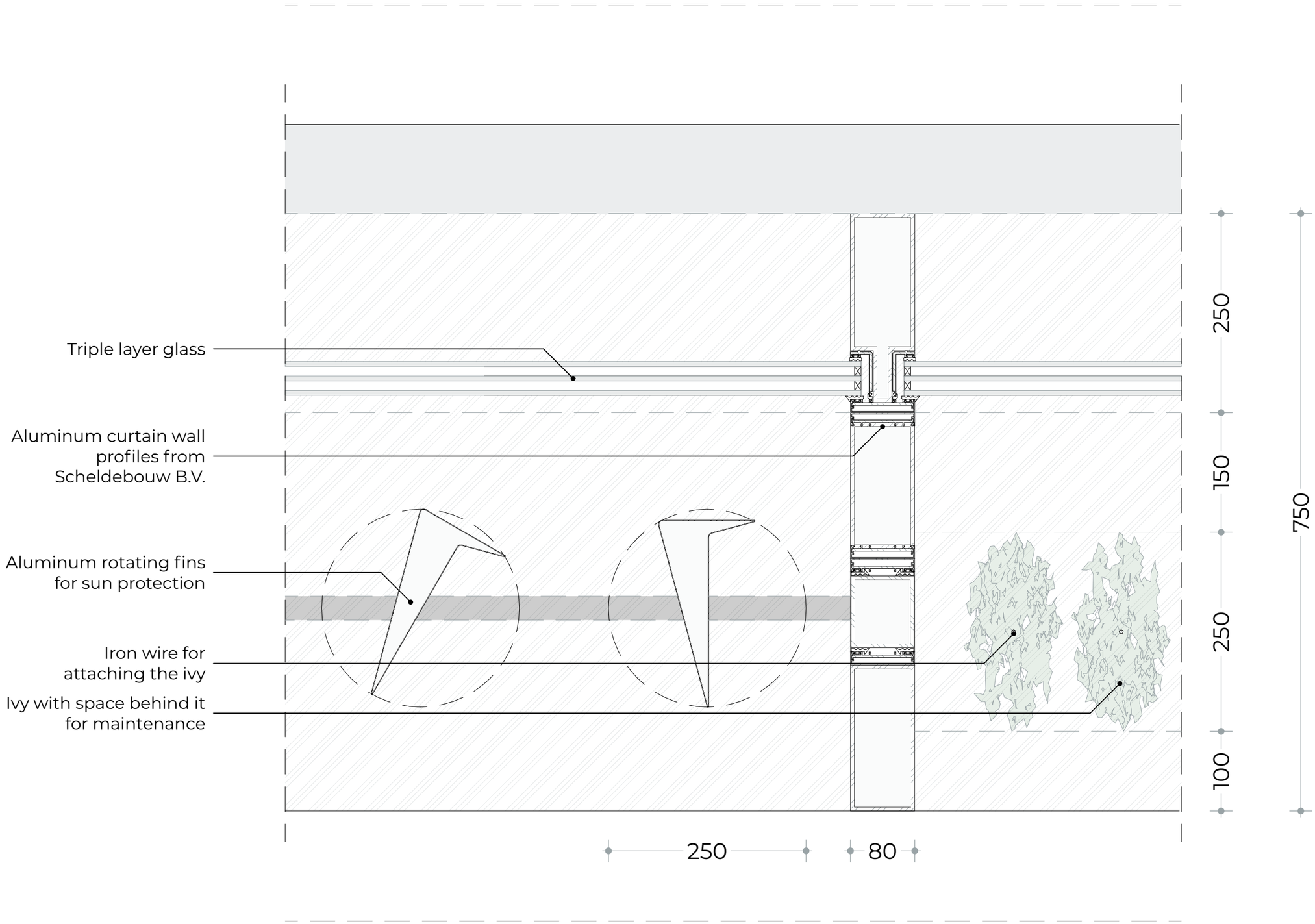


Section Widthwise | 1:500



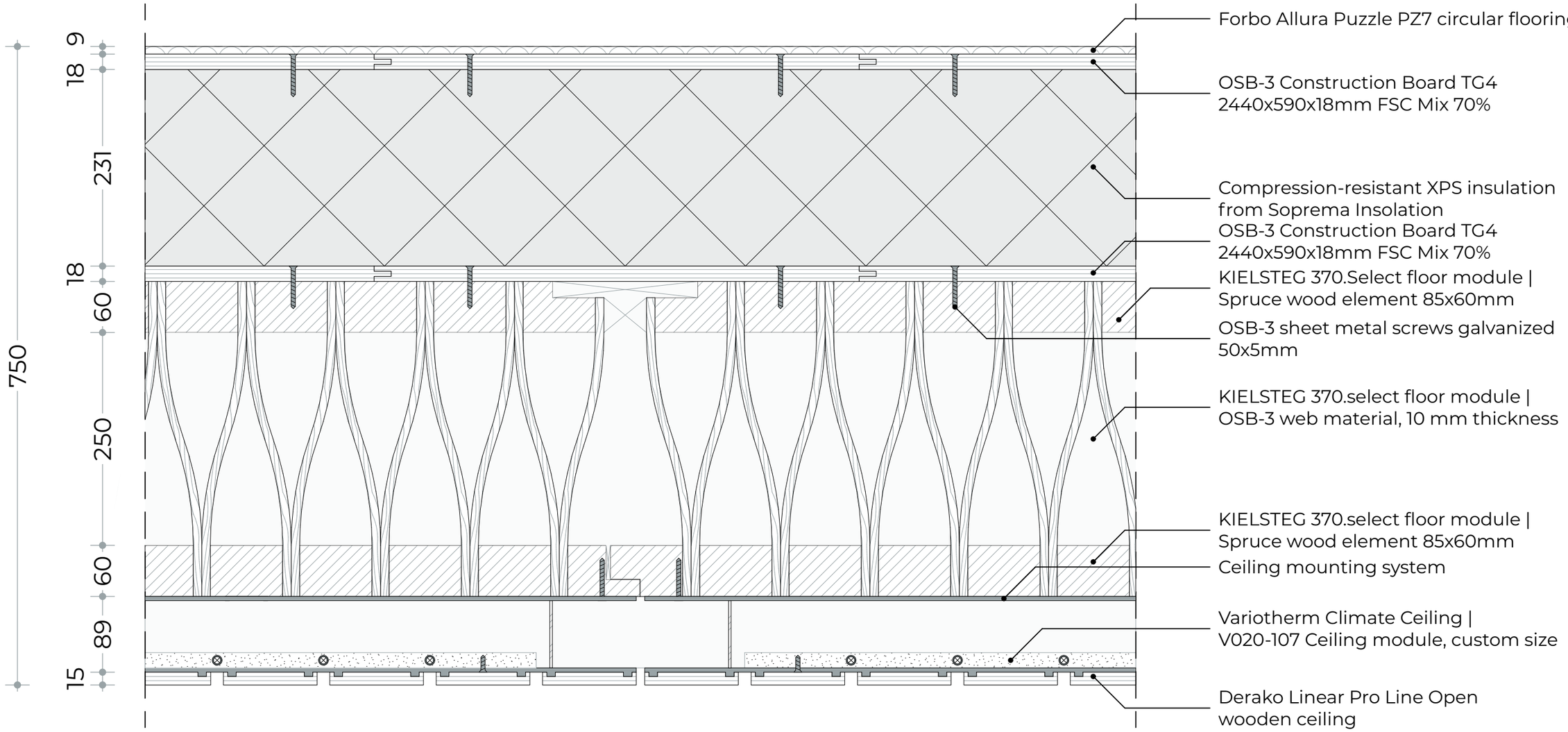
Detail 1 - Façade Vertical | 1:5

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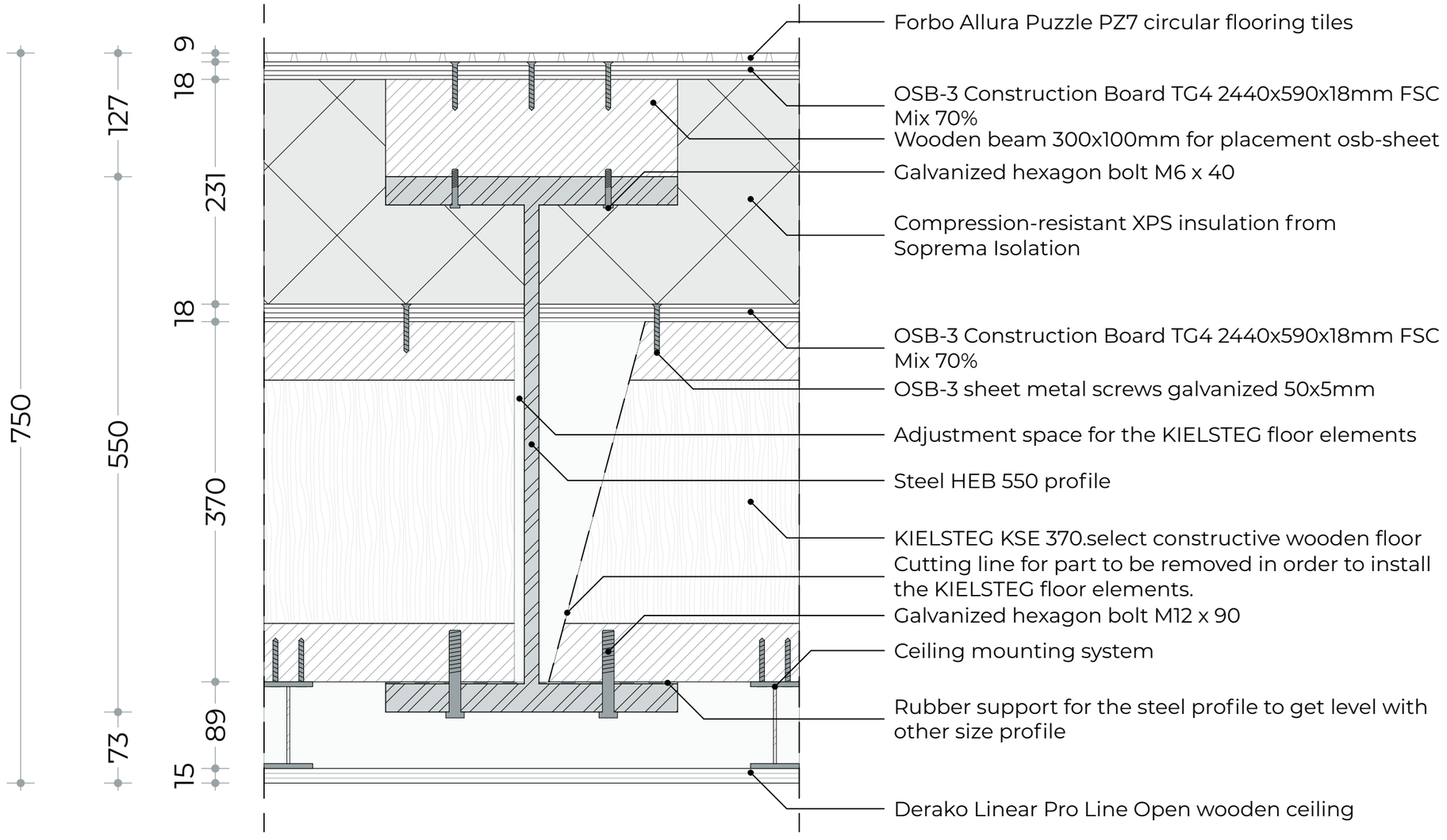
Detail 2 - Façade Horizontal | 1:5

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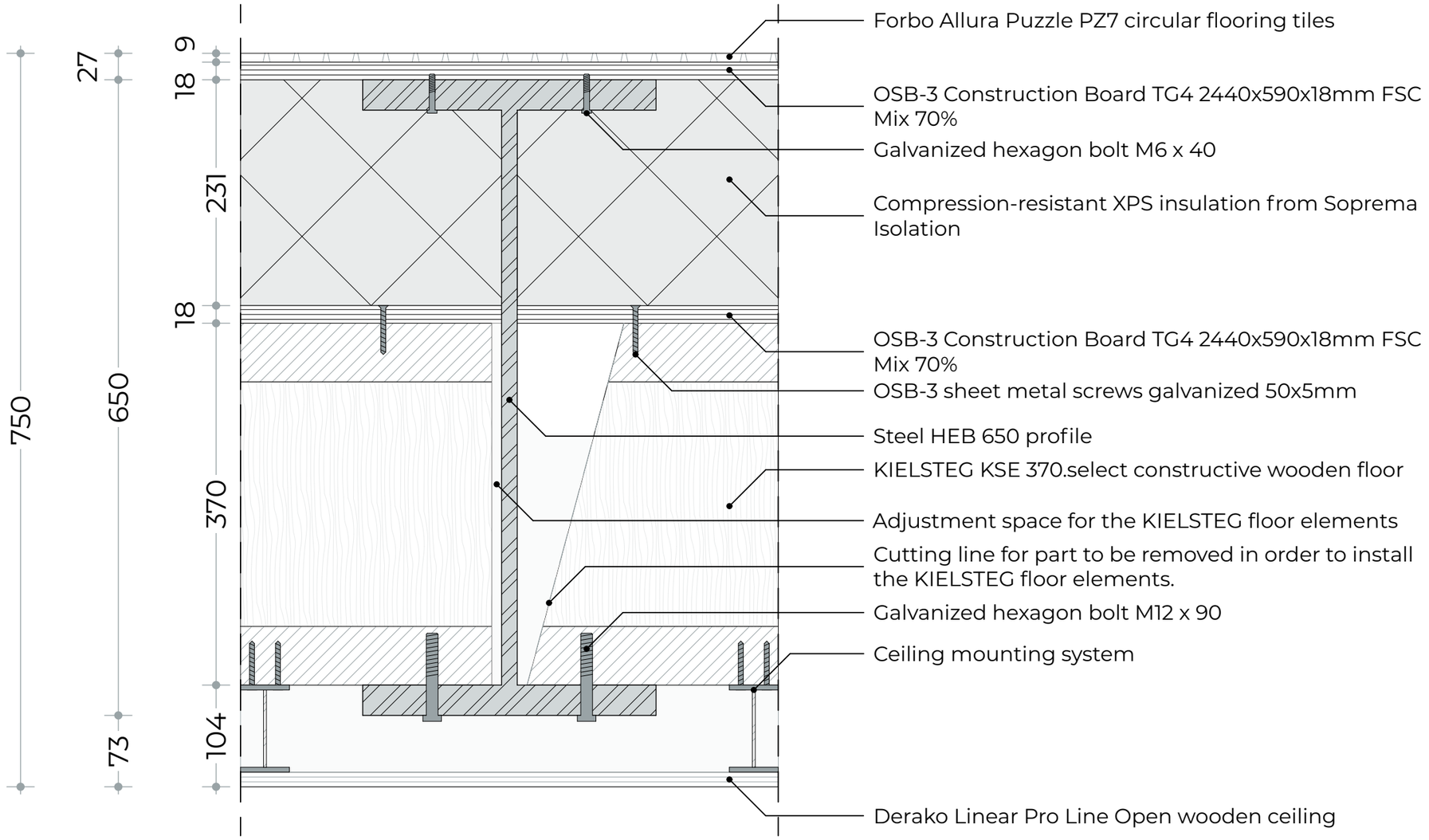


Detail 3 - KIELSTEG Floor | 1:5

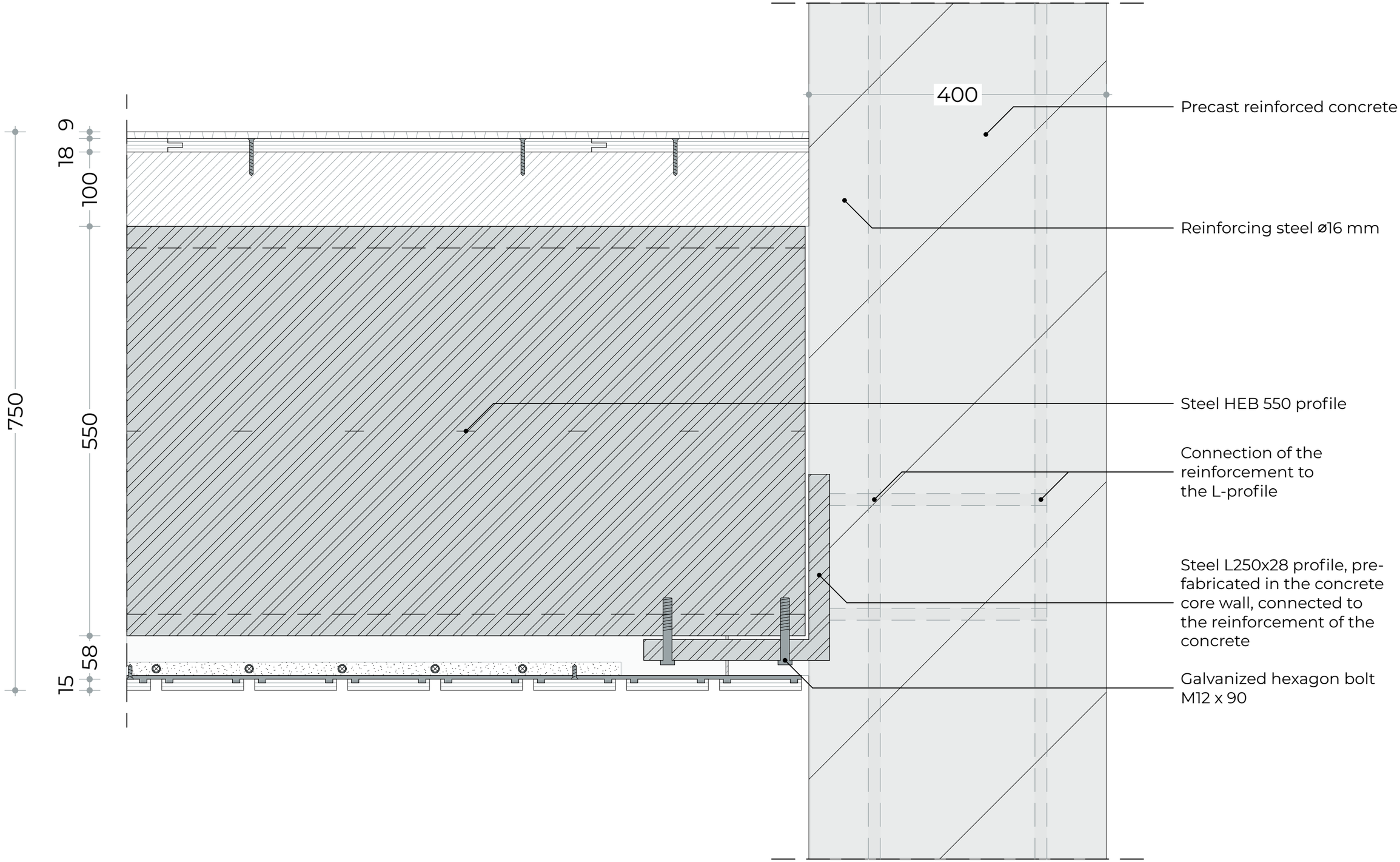
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Detail 4 - Floor with HEB 550 profile | 1:5

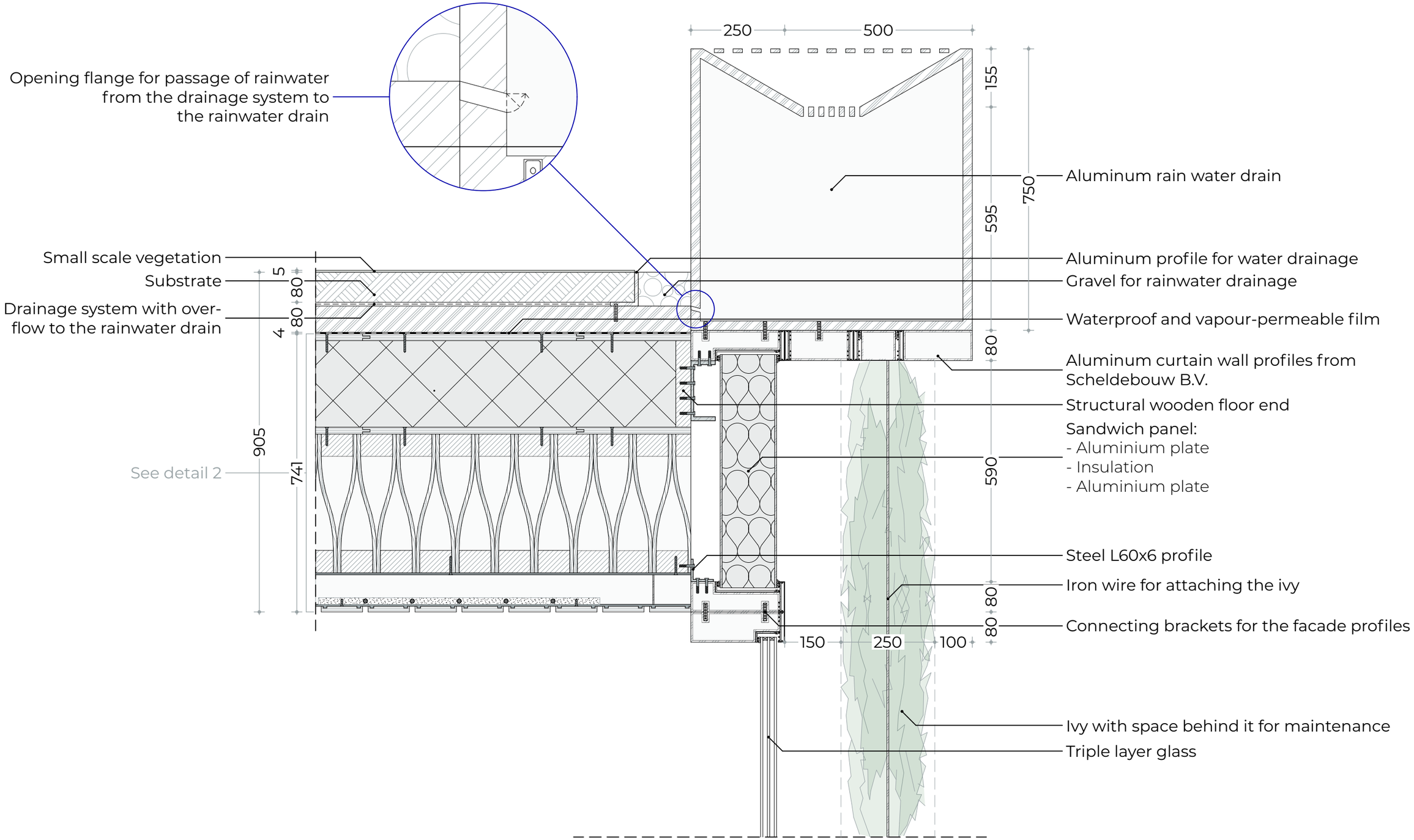


Detail 5 - Floor with HEB 650 profile | 1:5



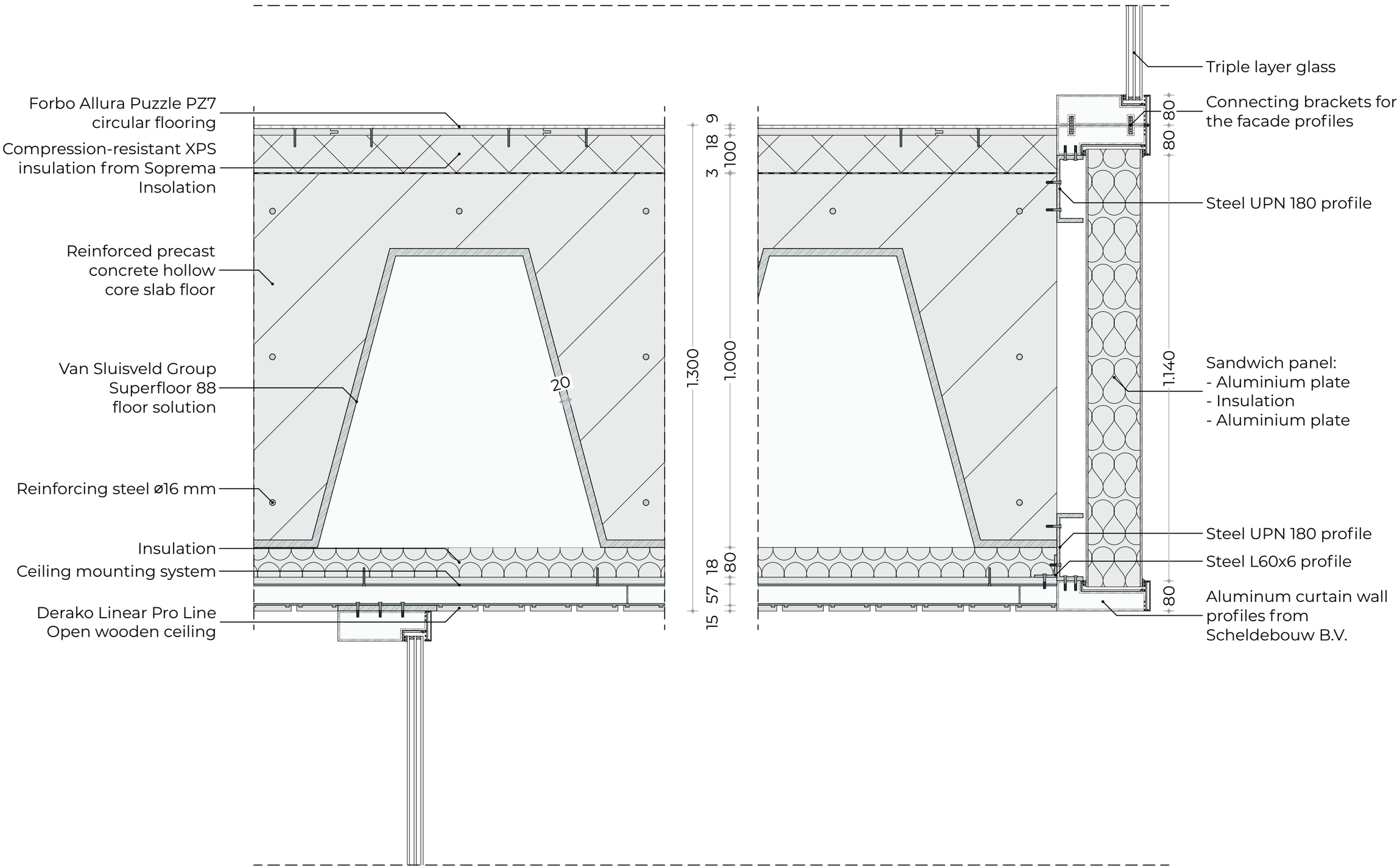
Detail 6 - Core connection | 1:5

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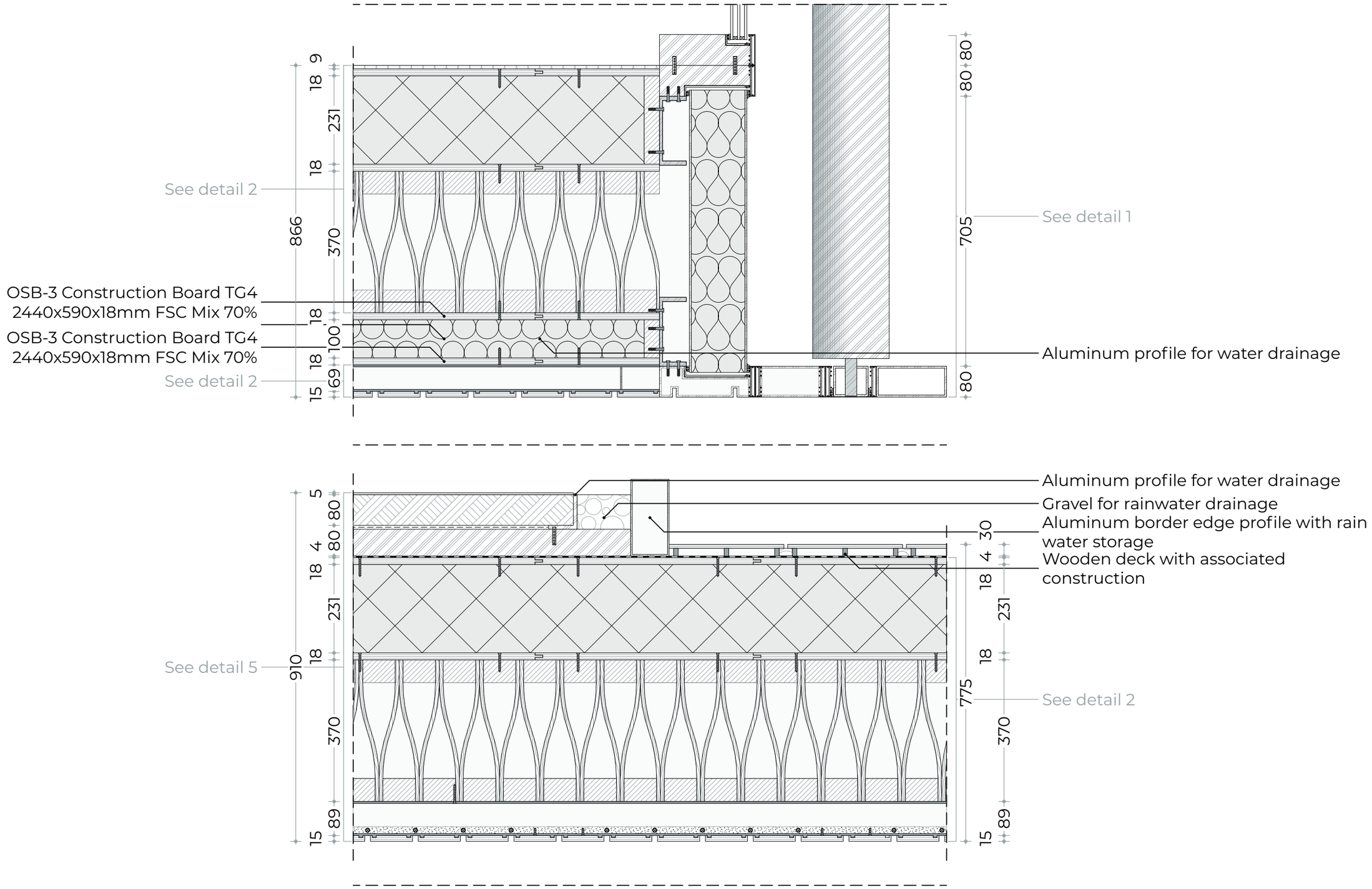
Detail 7 - Green Façade | 1:10

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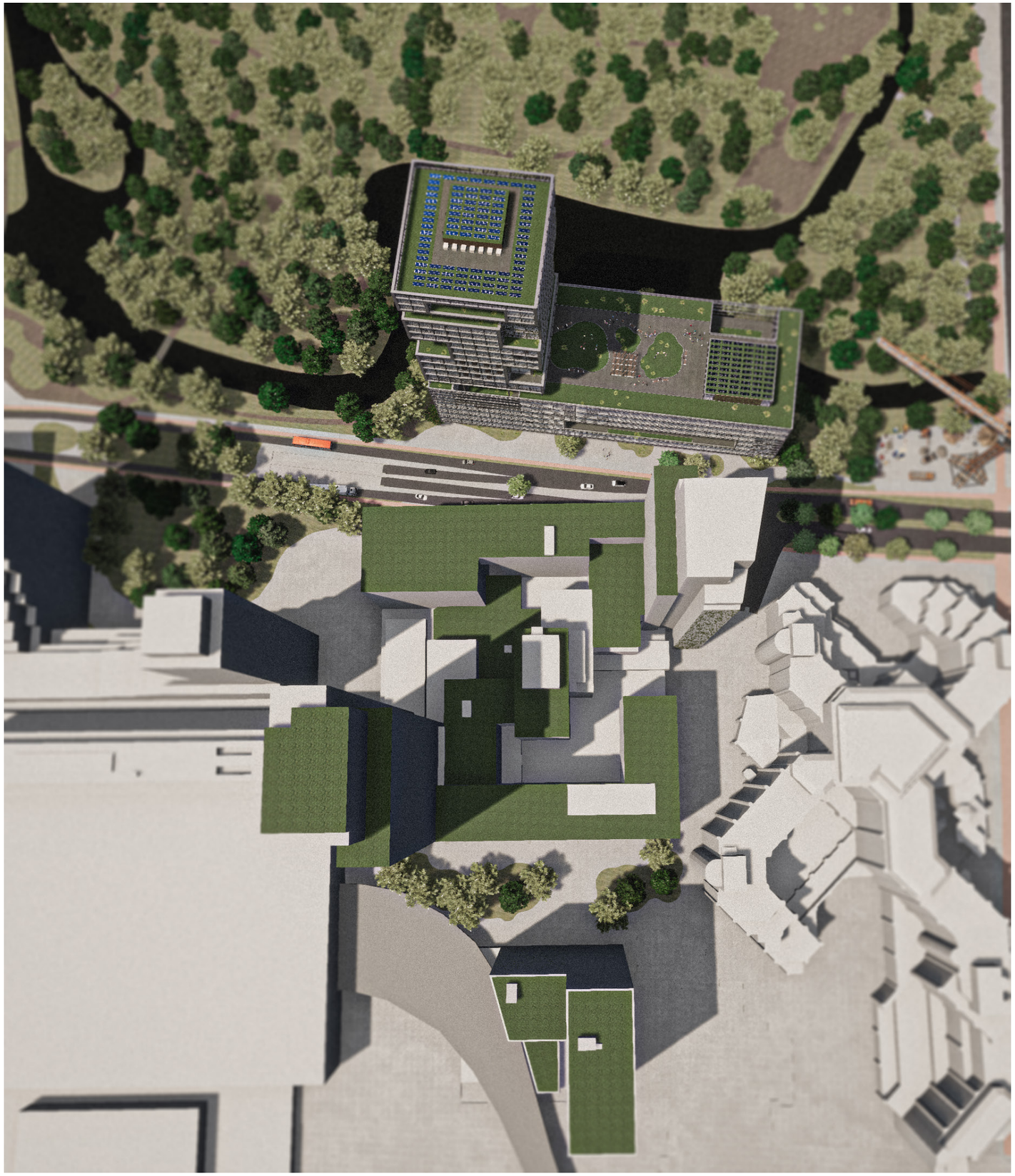
Detail 8 - Overhang | 1:10

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Detail 9 - Green Roof | 1:10

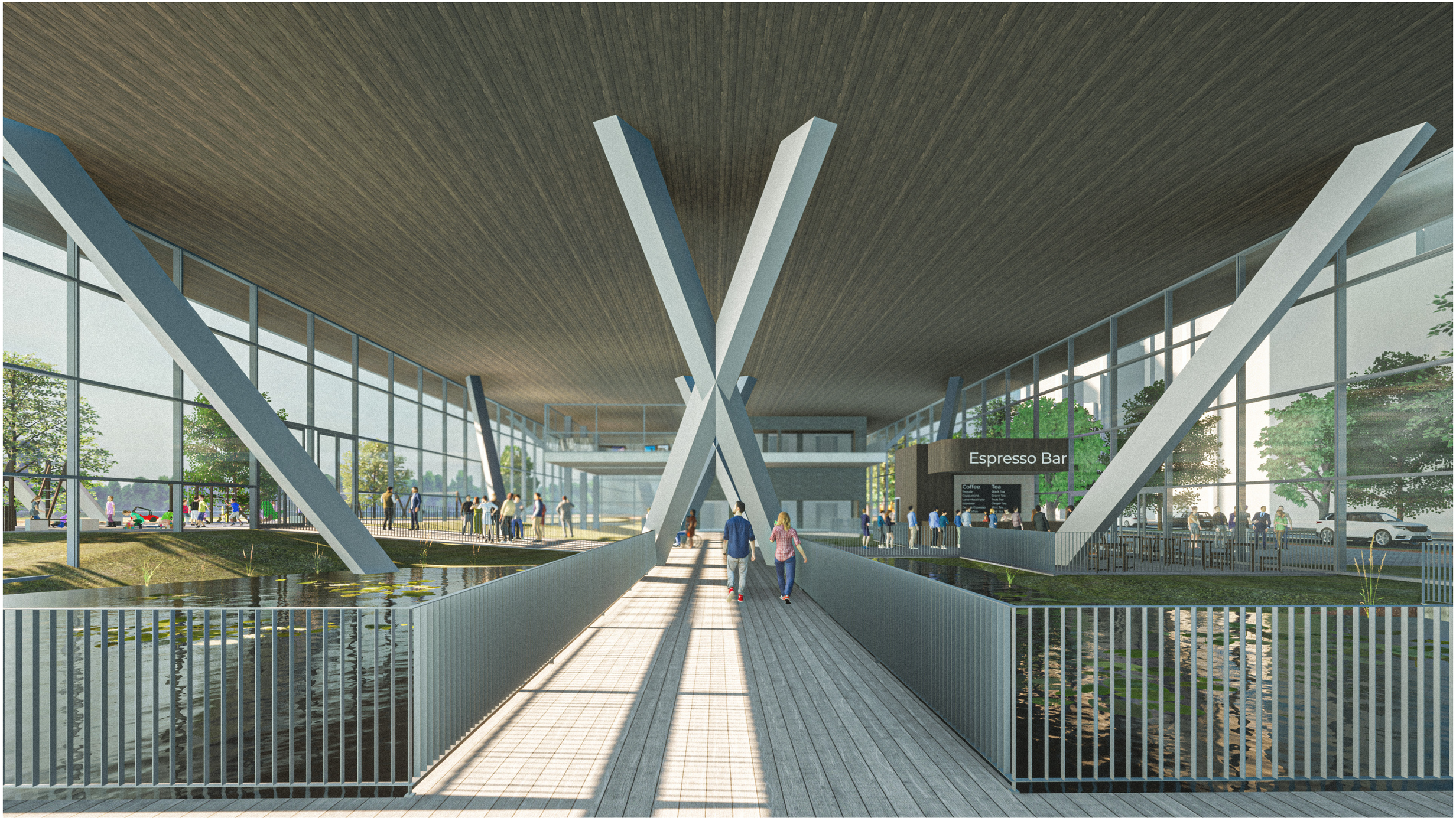
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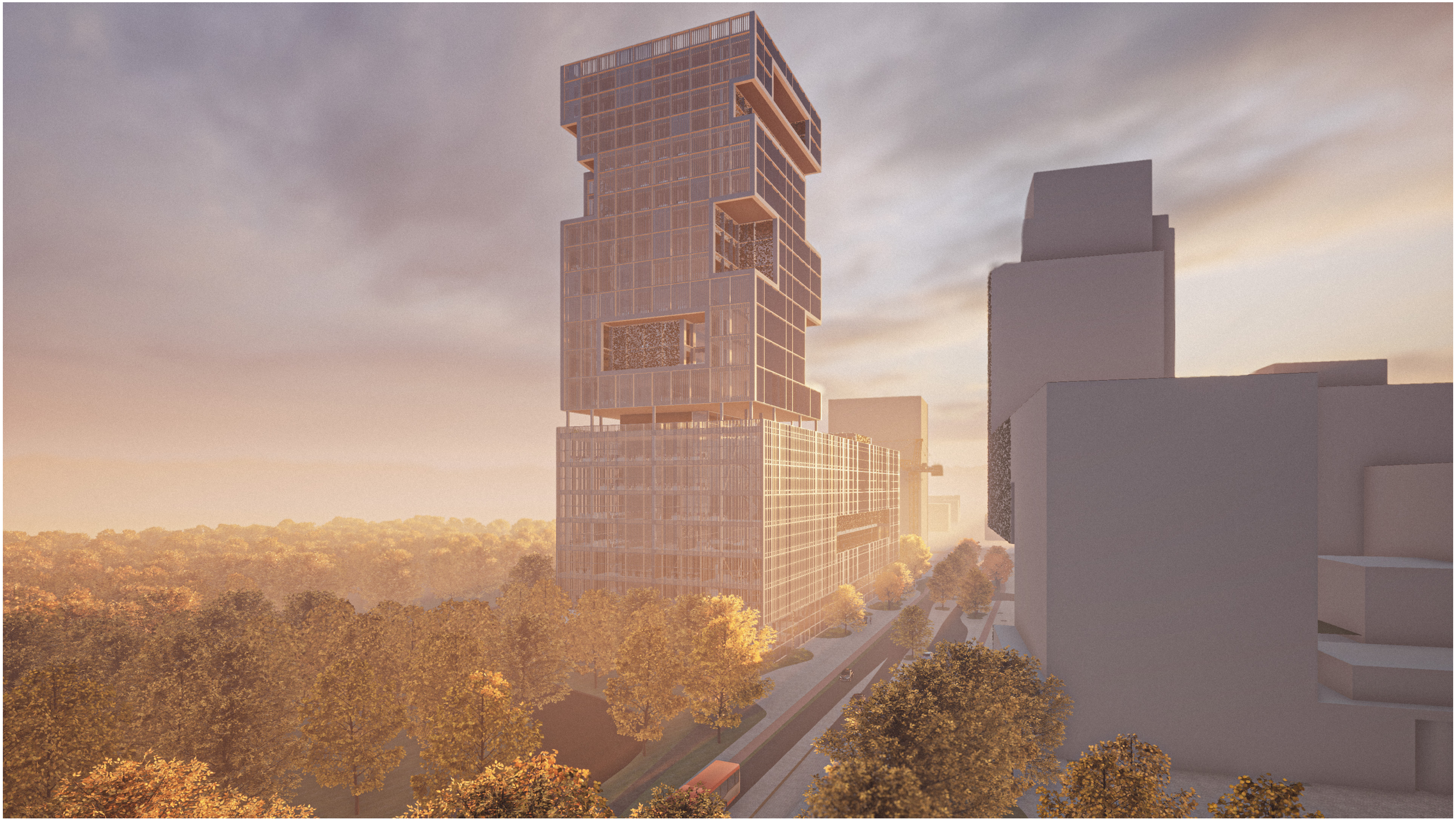



Espresso Bar
Coffee
Tea





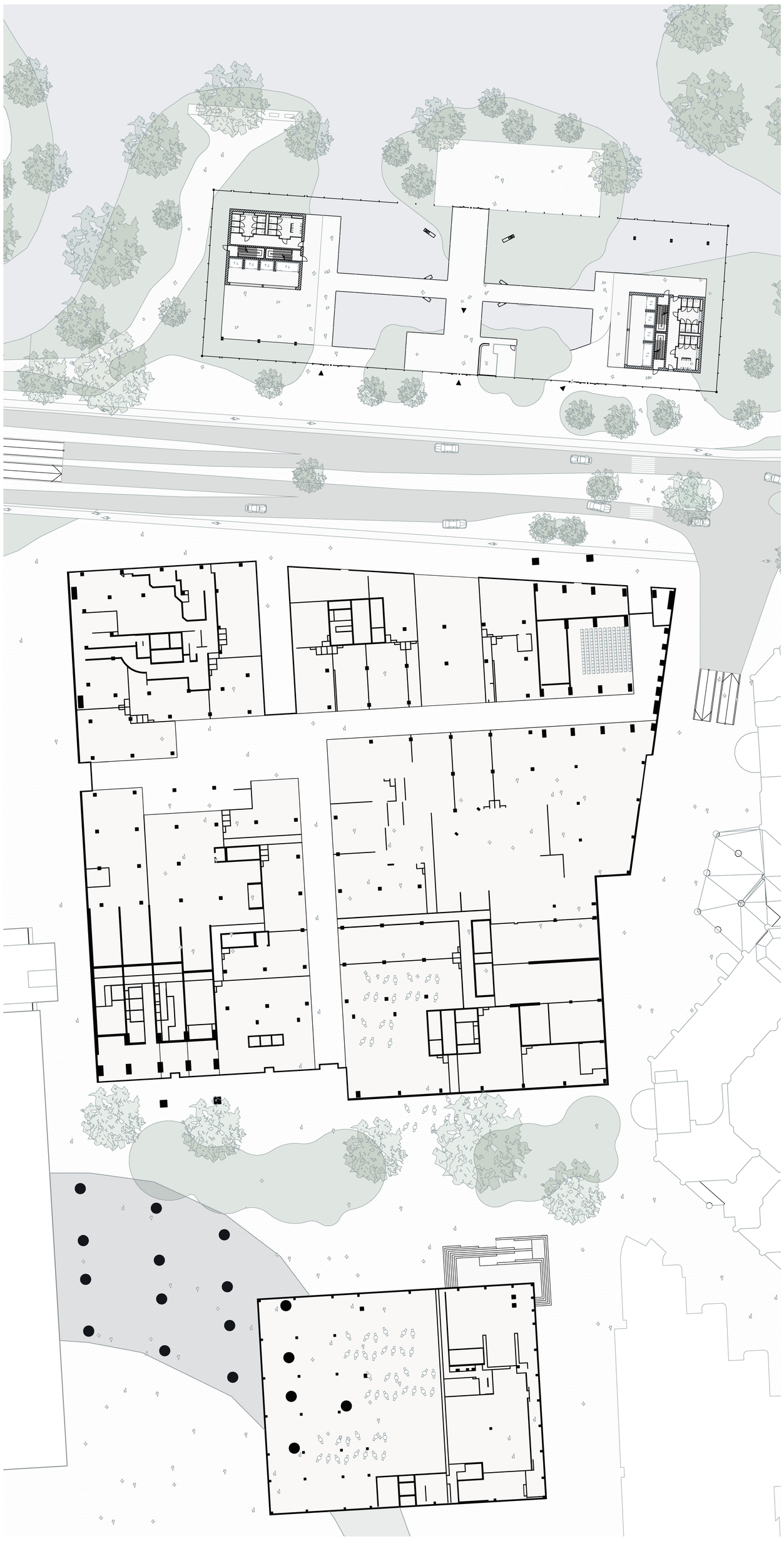




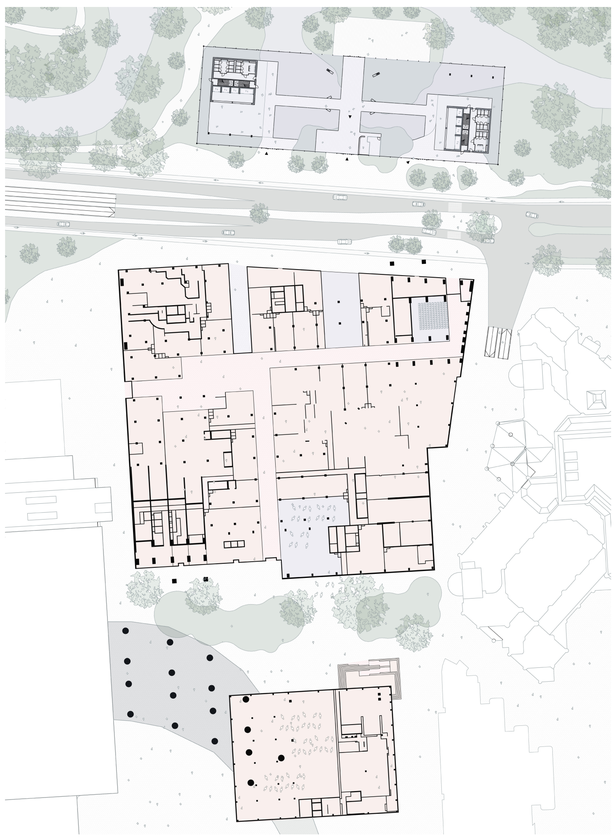
Campus Haagsche Park | A hybrid learning environment

Tristan Hazeleger | 5658608
AR3AP100 Public Building Design | P5

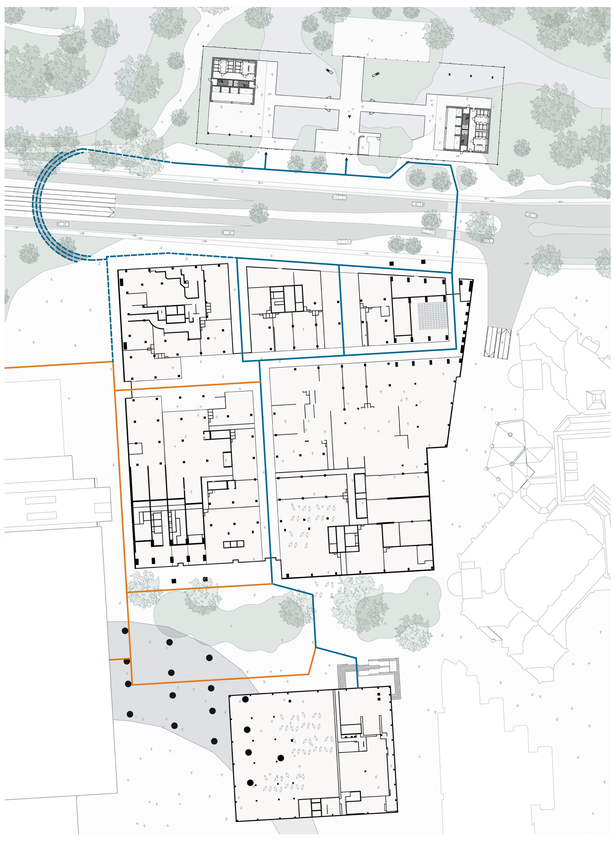
Urban Floor Plan | Scale 1 : 500



Urban Floor Plan - Old & New | Scale 1 : 1.000



Urban Floor Plan - Routing | Scale 1 : 1.000



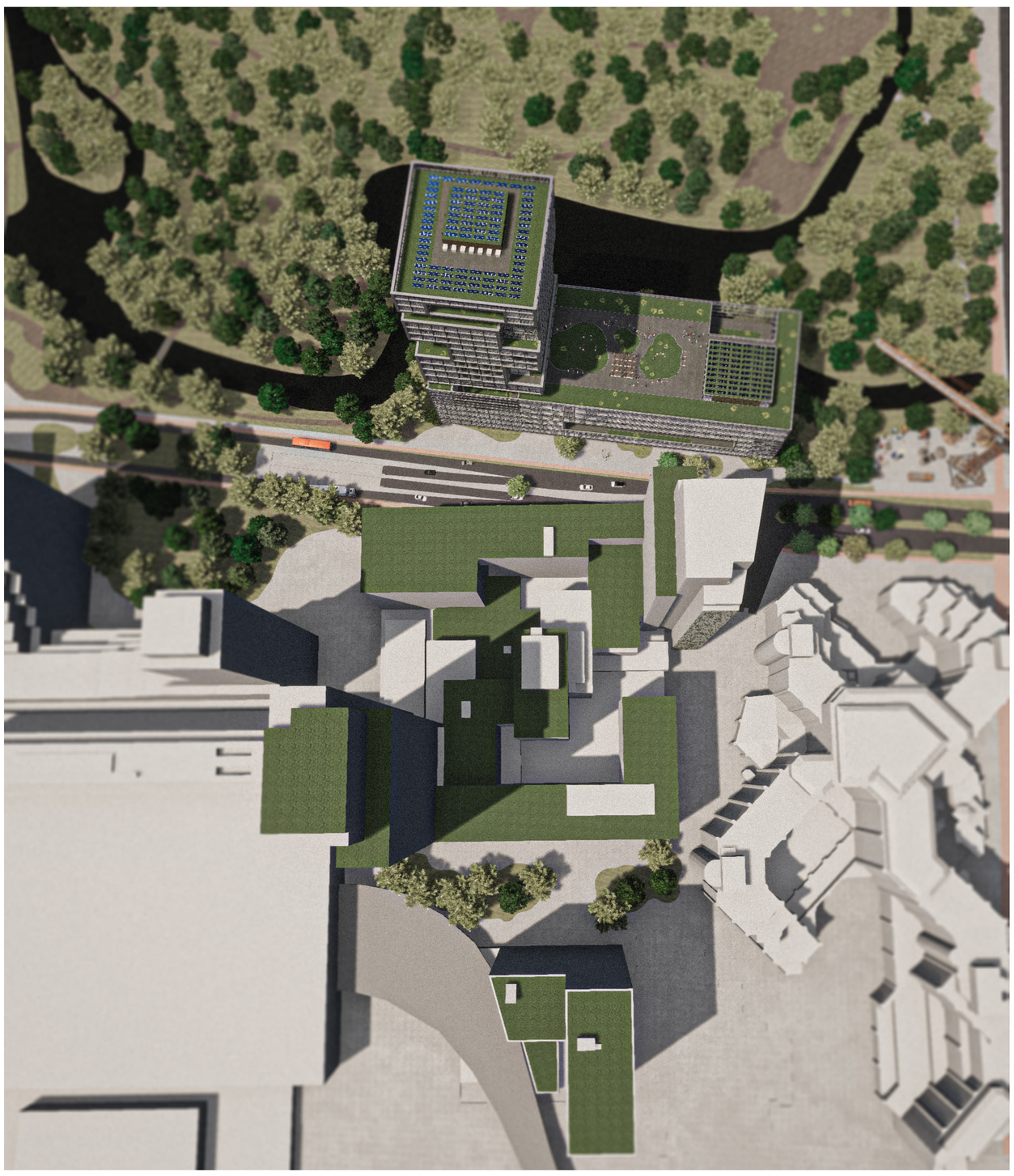
New volumes and layout

Existing volumes and layout

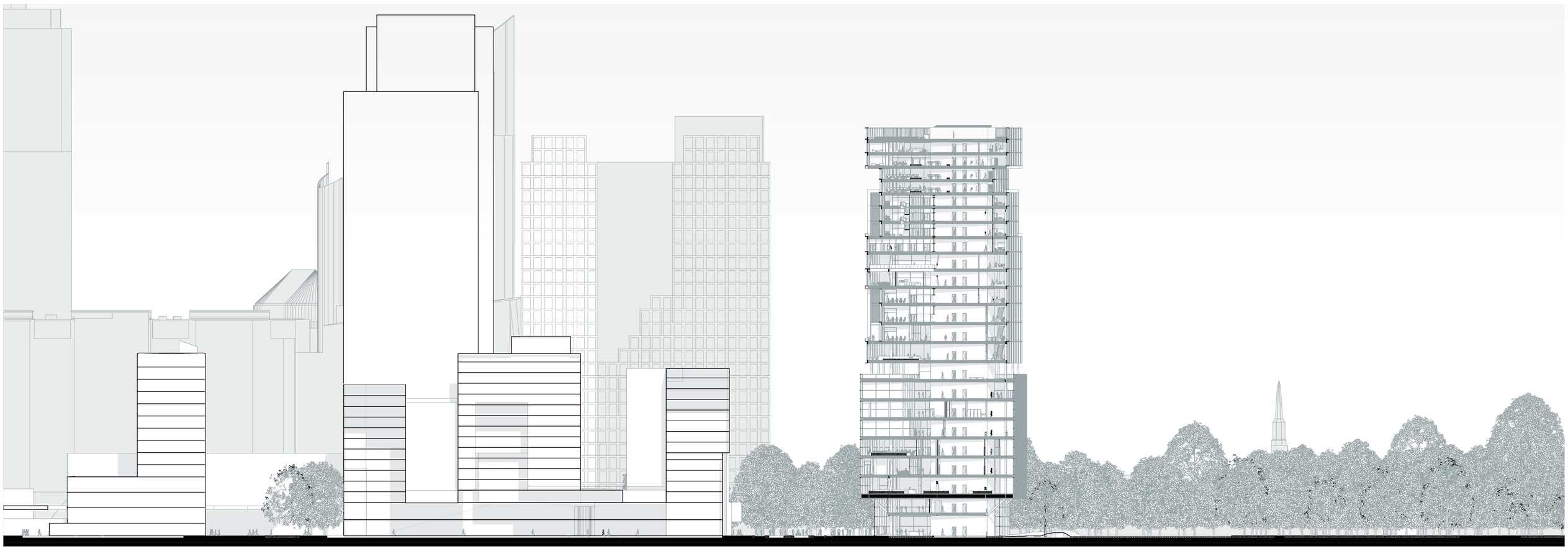
Main route

Secondary route

Urban Plan | Impression



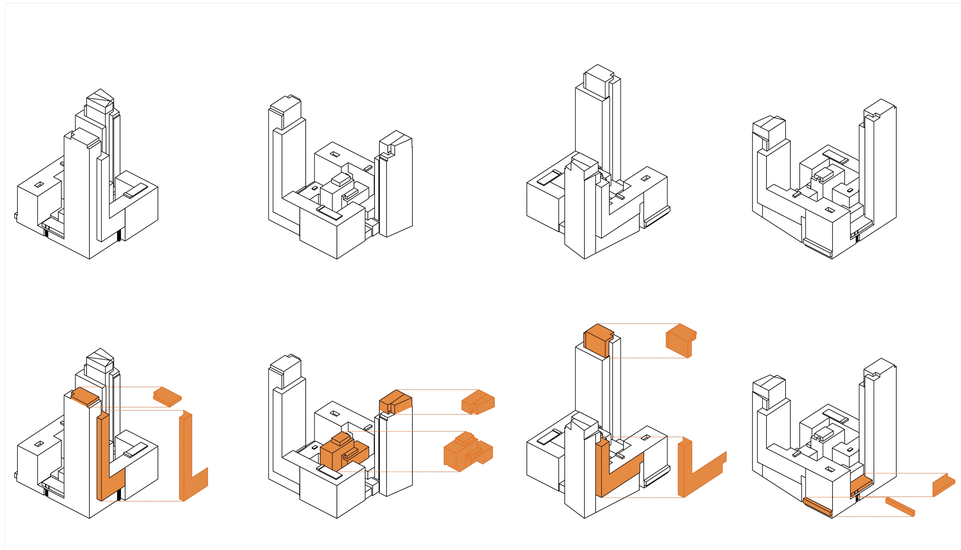
Urban Section | Scale 1 : 500



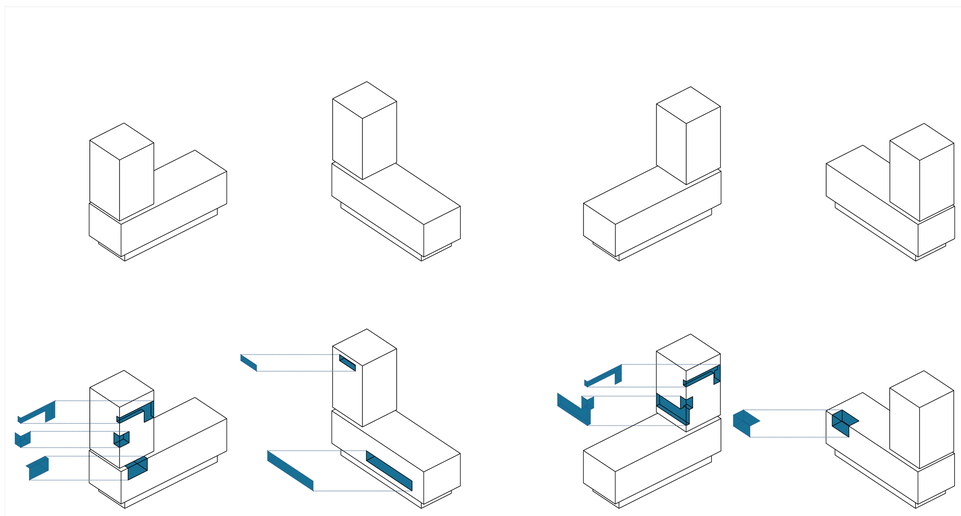
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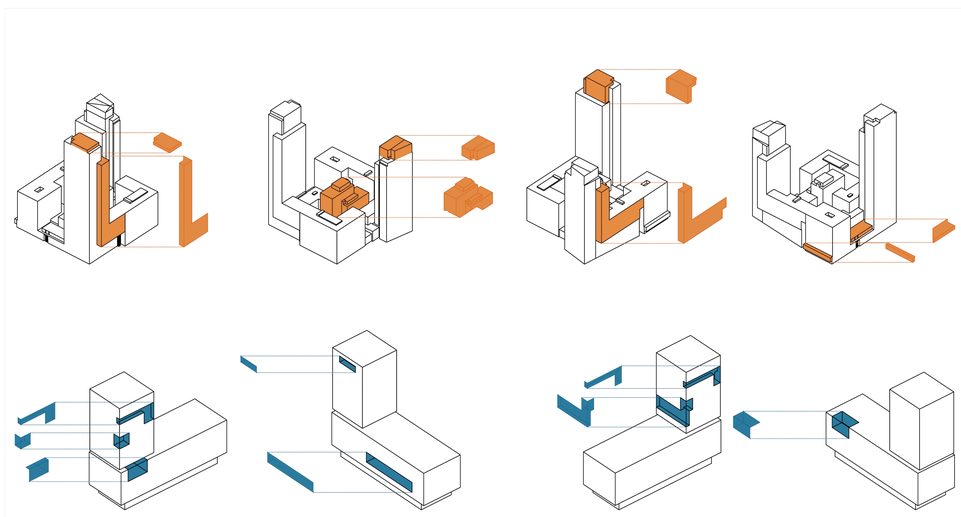
Diagram | Shaping the new volume



Defining the design style and the different fragments of the New Babylon building

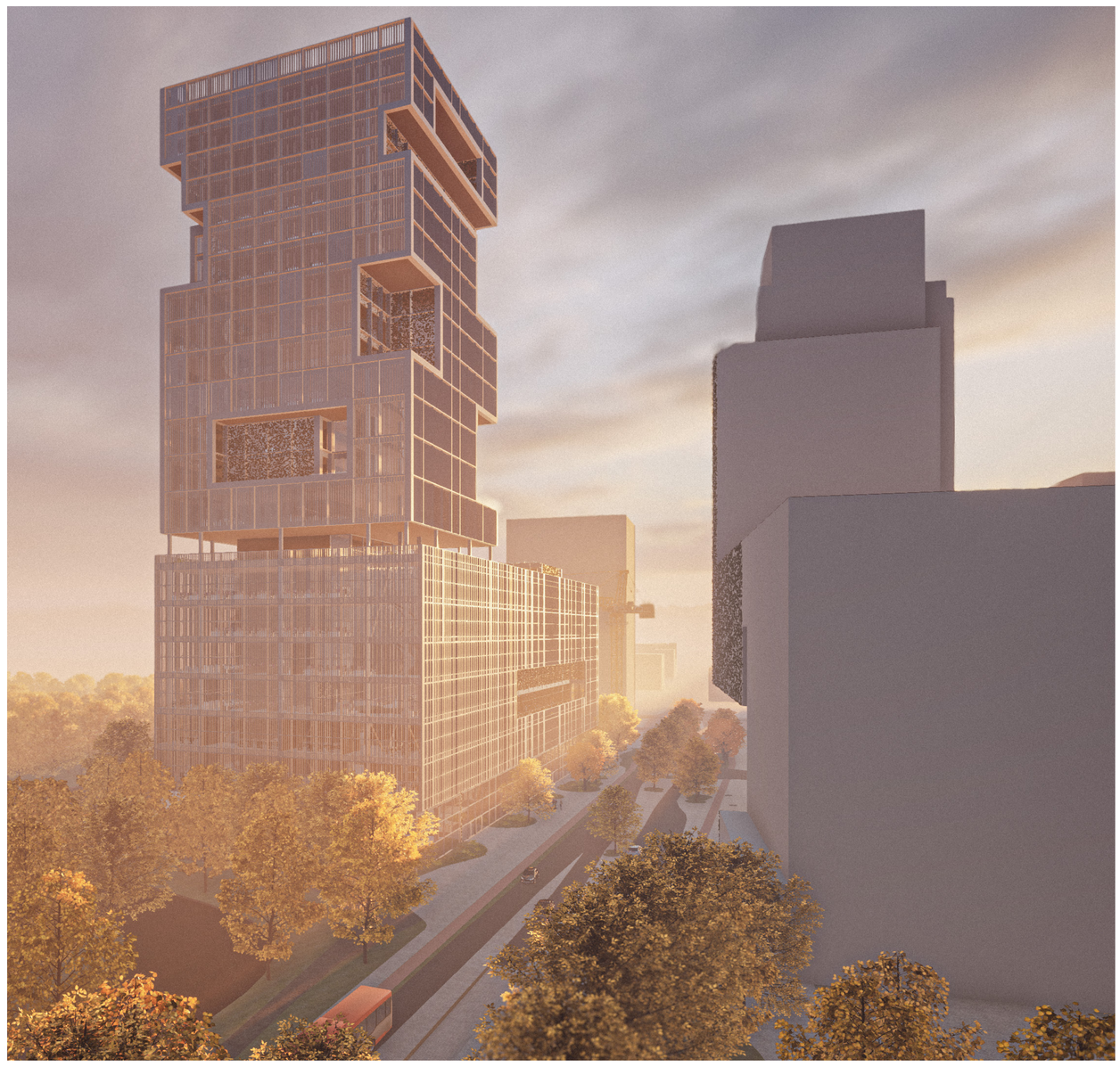


Complimenting New Babylon's design style for the massing. Using fragments as contrast to create cavaties.

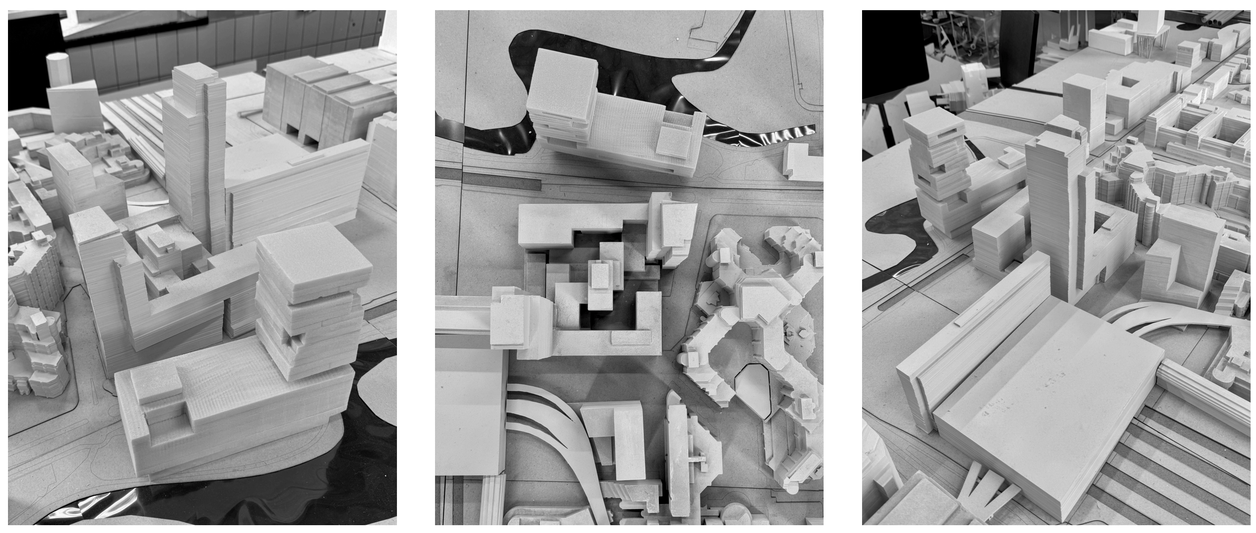


Balance between the existing fragments and the newly designed cavities.

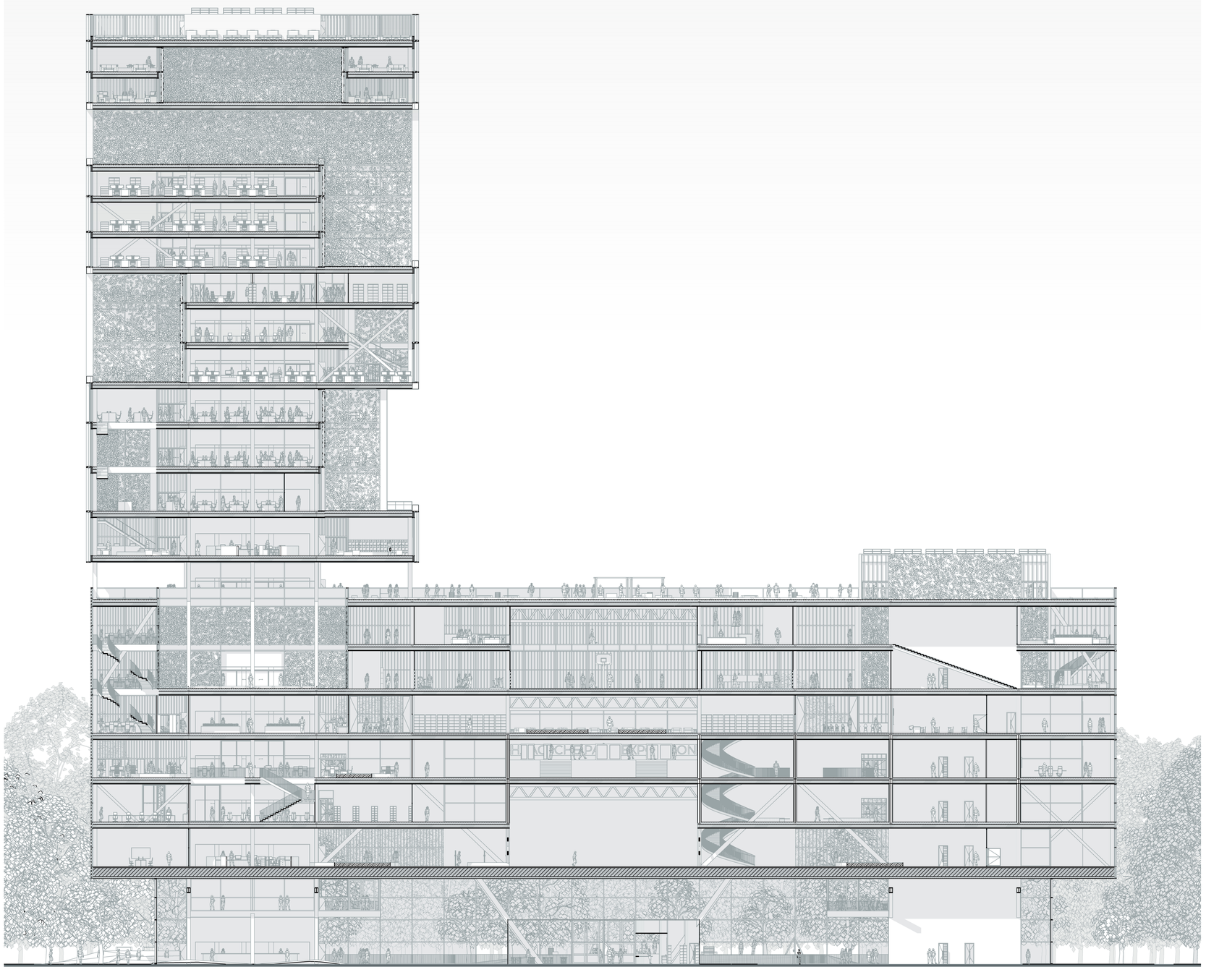
Impression | Balance of the fragments



Urban Plan | Maquette



Section looking towards the north | Scale 1 : 250



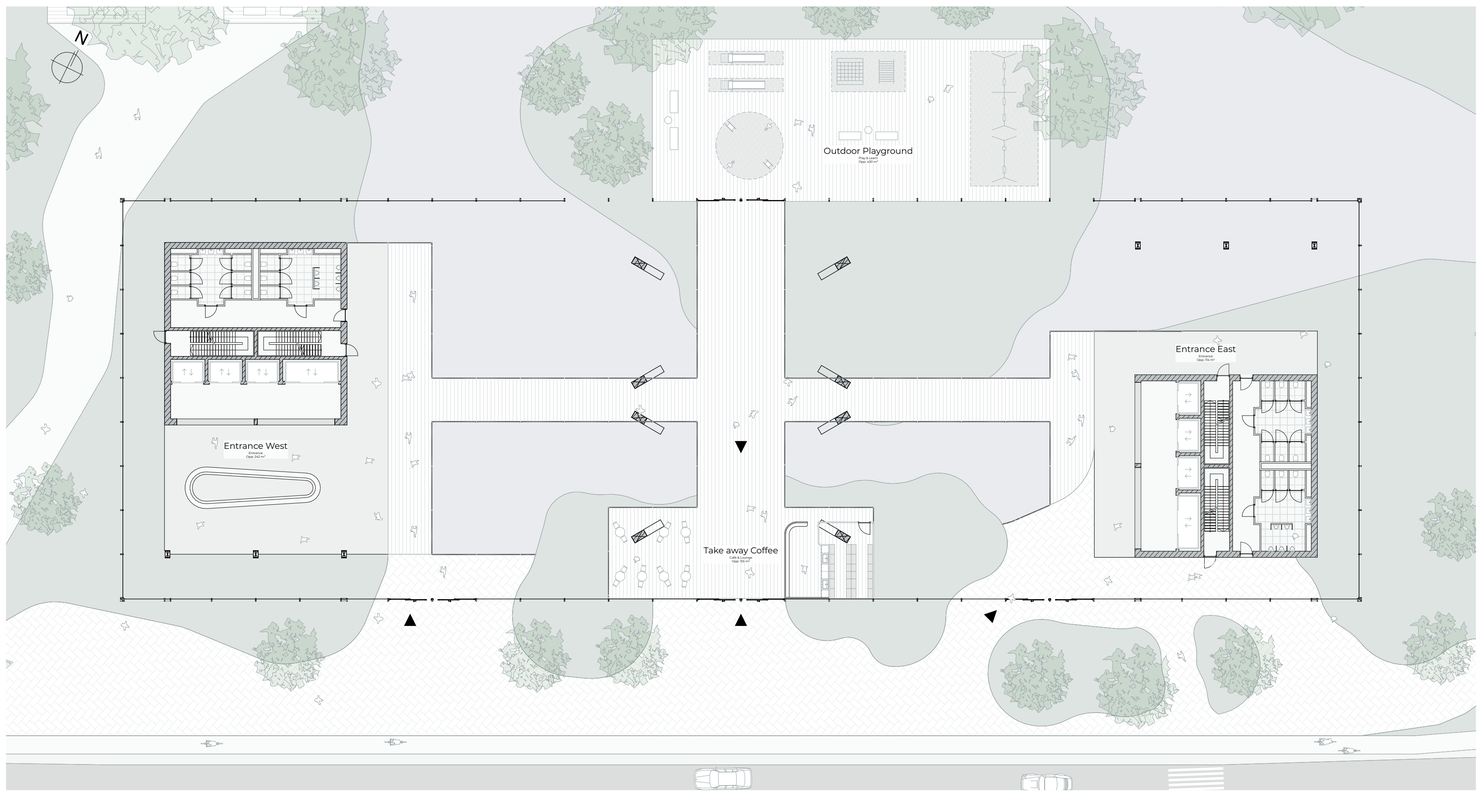
Section looking towards the west | Scale 1 : 250



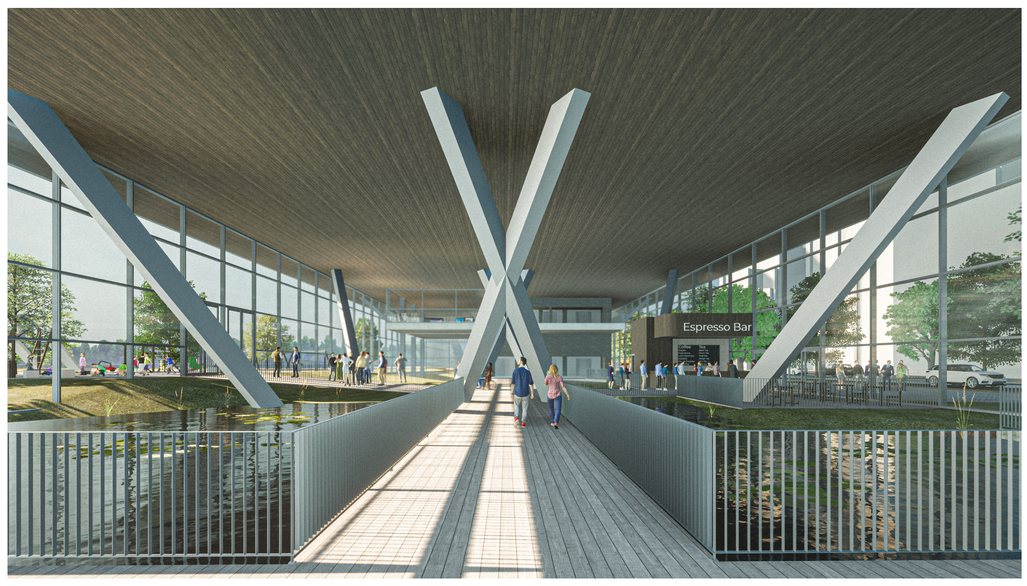
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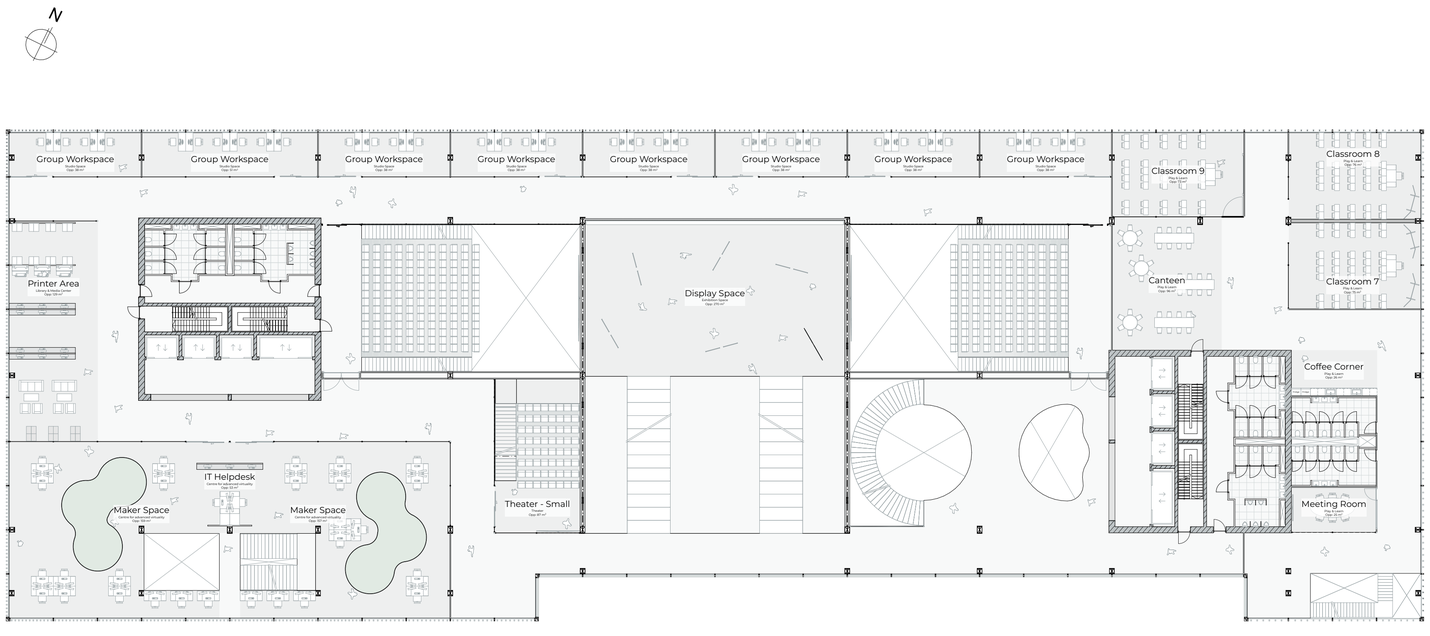
Floor Plan - Ground Floor | Scale 1 : 250



Impression | Intertwining park and city



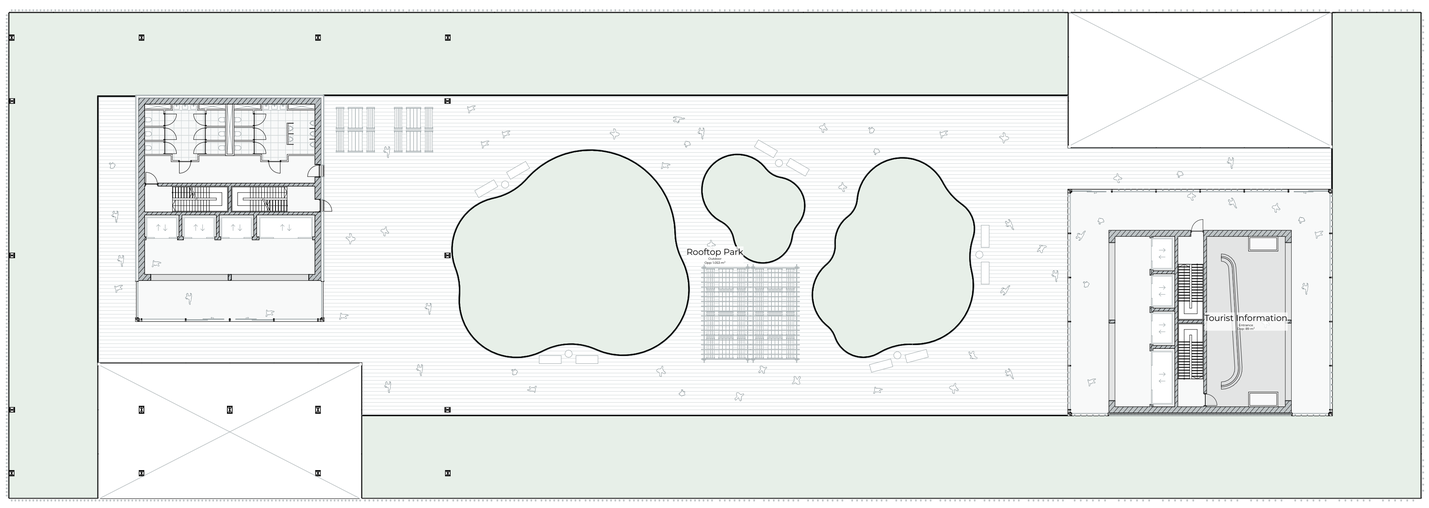
Floor Plan - 4th Floor | Scale 1 : 250



Impression | Exhibition space used for public activities



Floor Plan - 8th Floor | Scale 1 : 250



Impression | View from the rooftop park towards the tower



Floor Plan - 10th Floor & 11th Floor | Scale 1 : 250

10th Floor

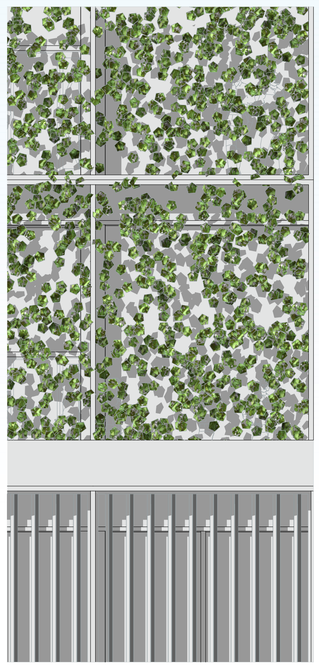
11th Floor

Impression | Hybridity between the different building materials

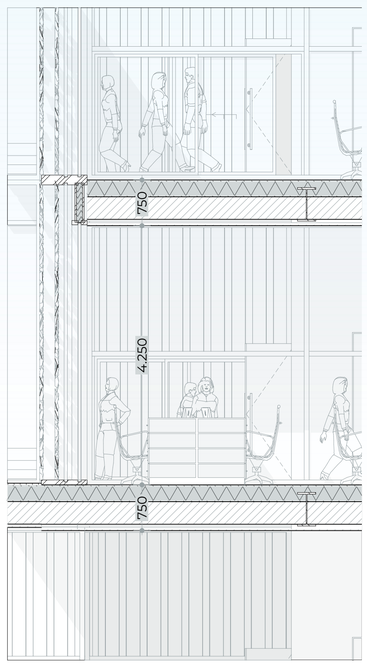
Fragment - Elevation | Scale 1 : 200



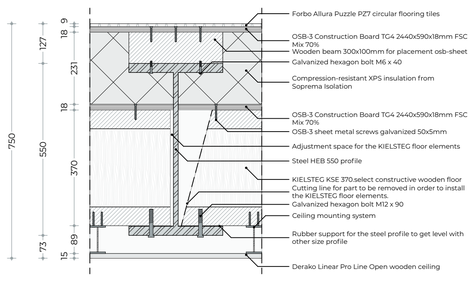
Fragment - Elevation | Scale 1 : 50



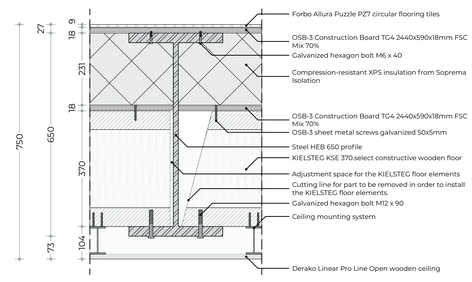
Fragment - Section | Scale 1 : 50

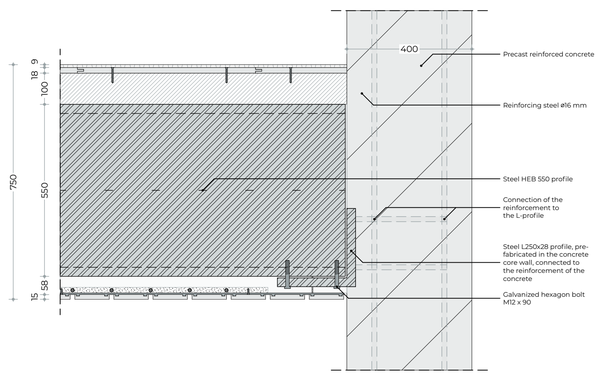


Detail - Floor construction & floor connection to core | Scale 1 : 10



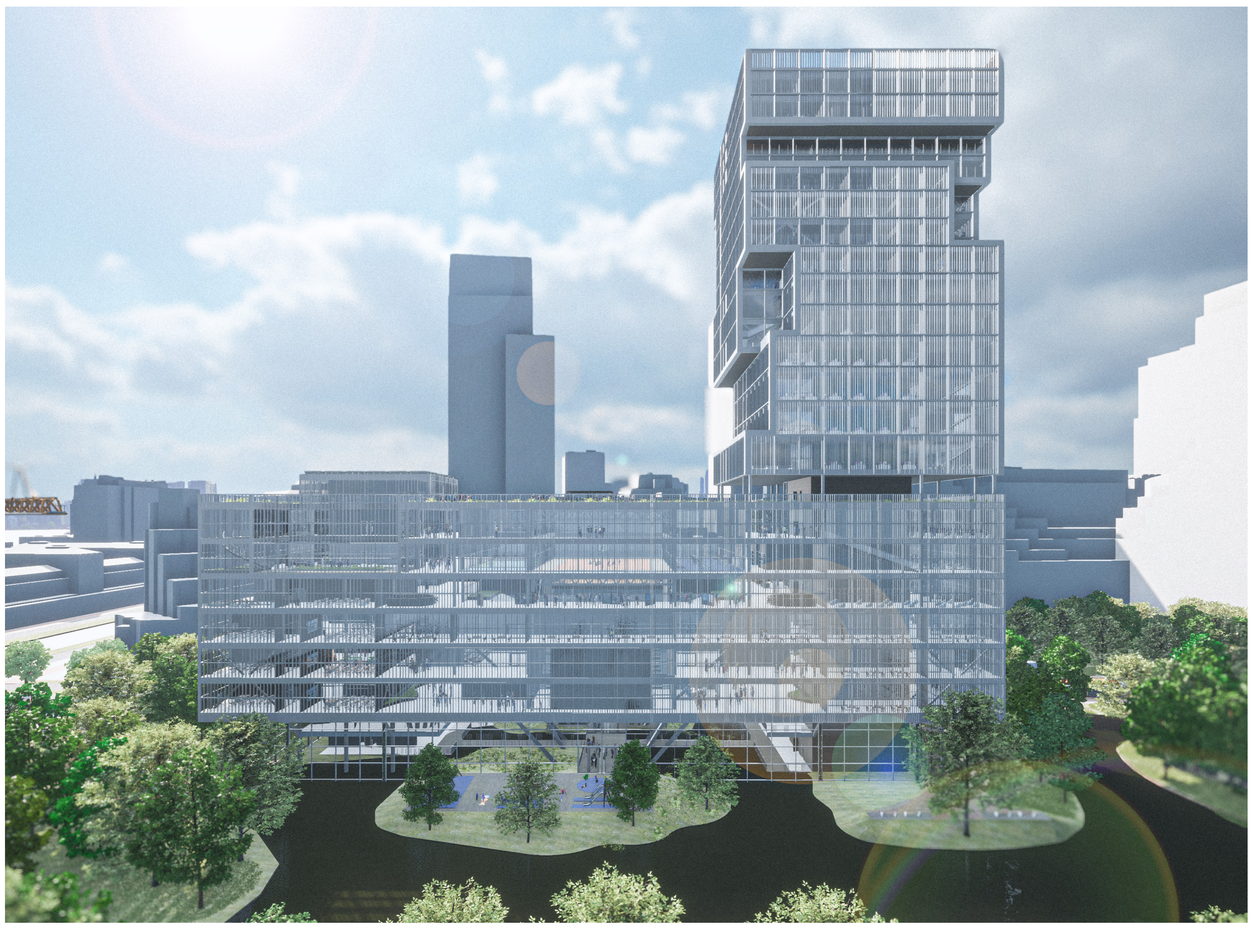
Floor construction detail | 1 : 10



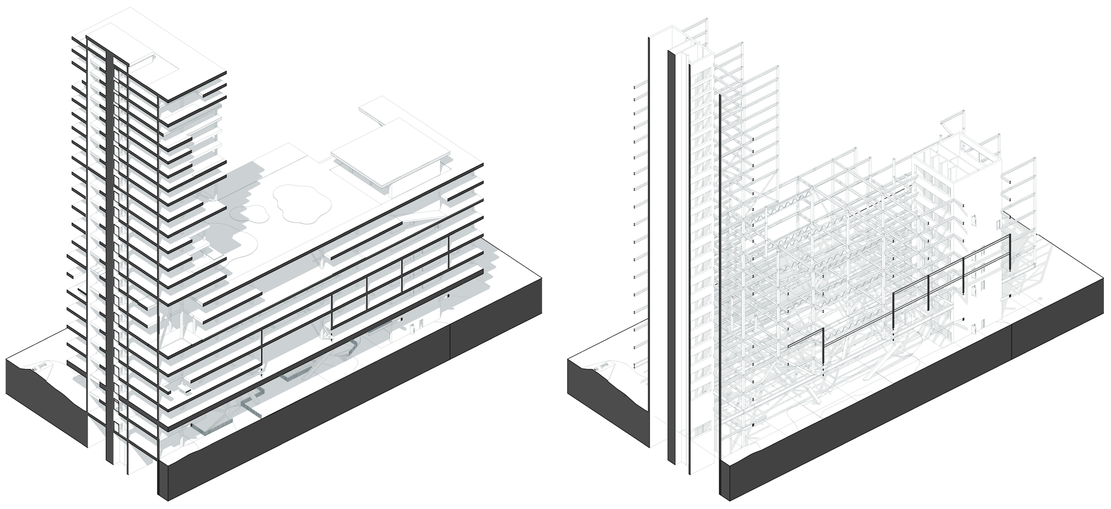


Floor connection to core detail | 1 : 10

Impression | Façade towards the city



Axonometric Structure | Scale 1 : 500



Axonometric Climate | Scale 1 : 500

