P5 PRESENTATION

The Vertical Campus | Campus Haagsche Park

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AR3AP100 | Public Building Design

MSc Architecture, Urbanism and Building Sciences | TU Delft



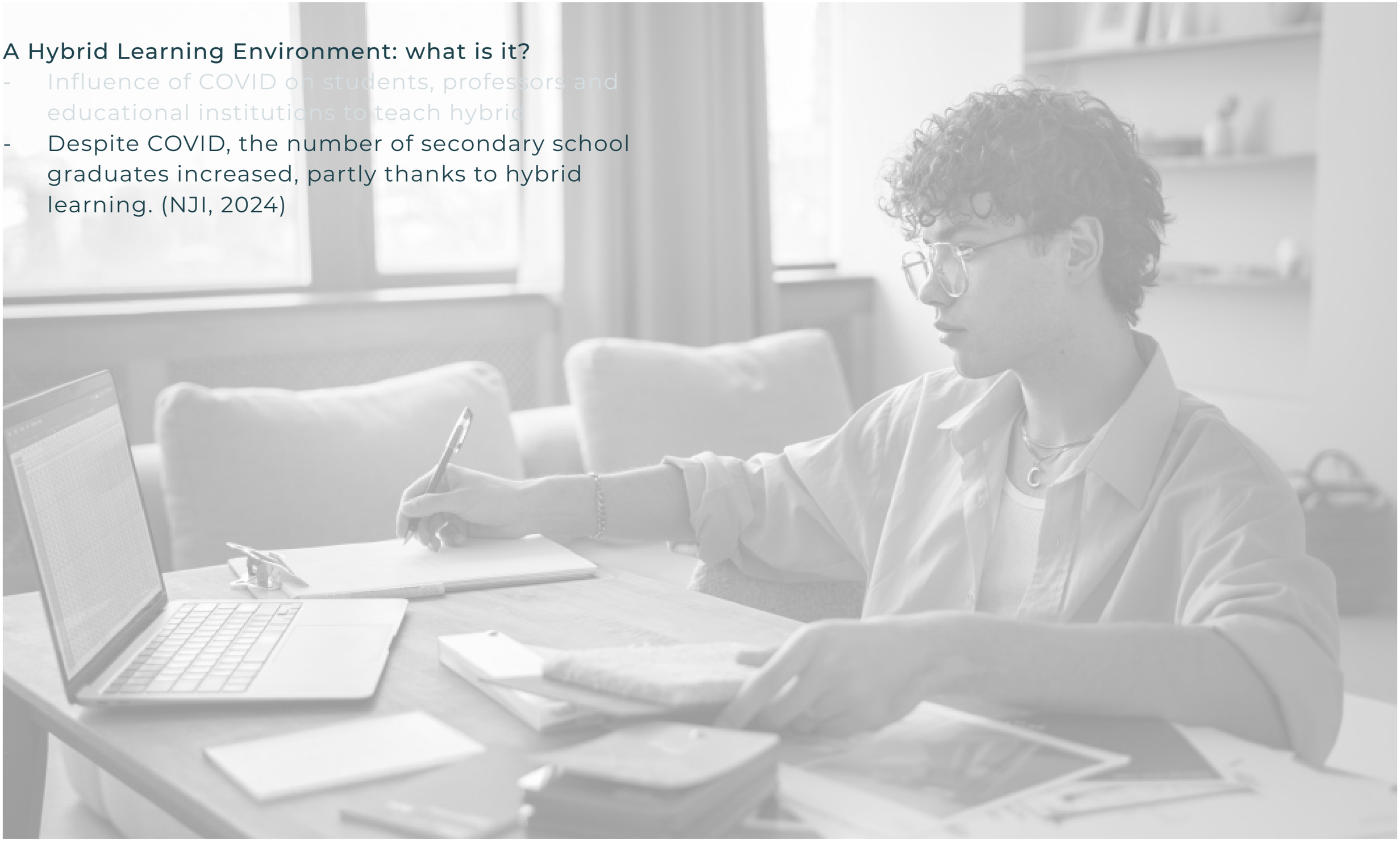
A Hybrid Learning Environment: what is it?

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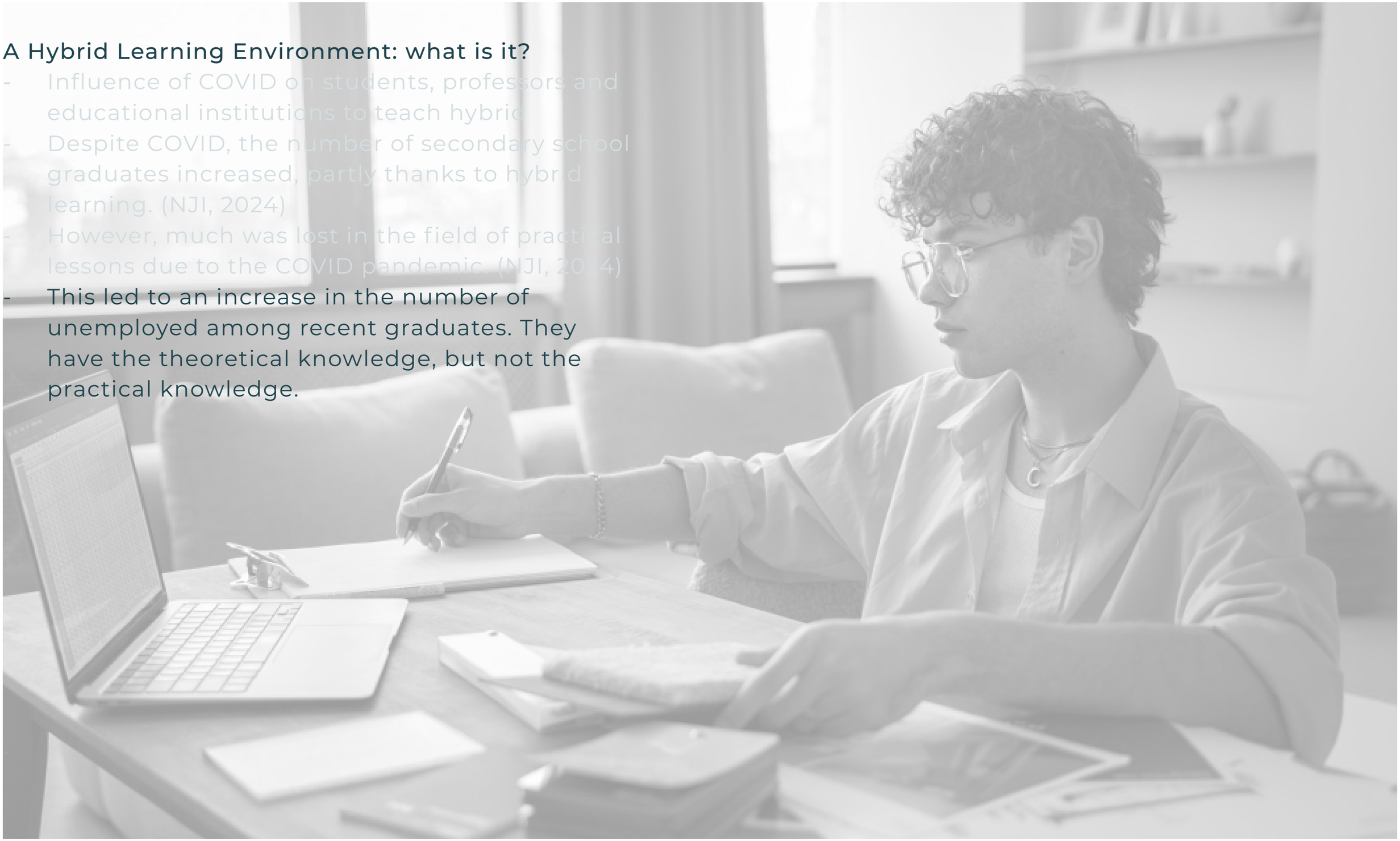
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That is why a hybrid learning environment on Campus Haagsche Park:
where practice and theory come together.

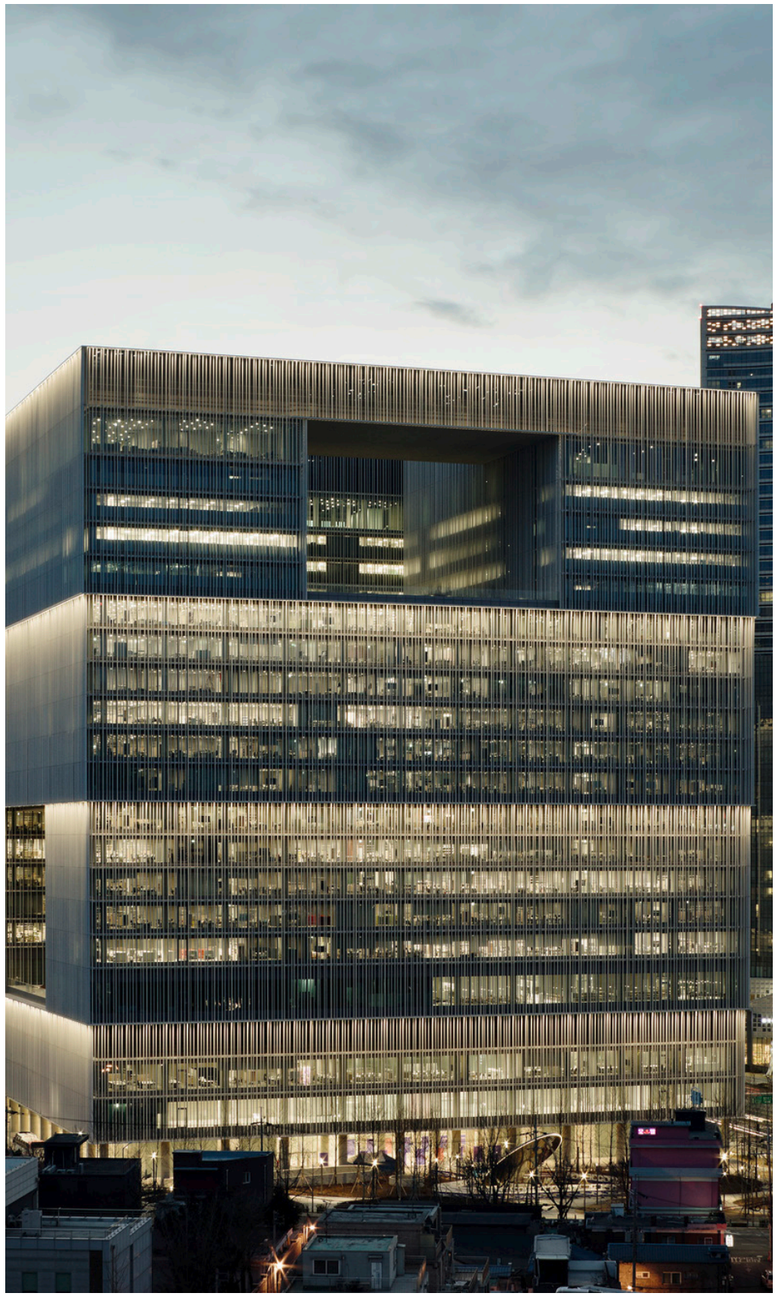
However, it is not only in education that the term ‘hybrid’ is applied, also in the following parts of Campus Haagsche Park:

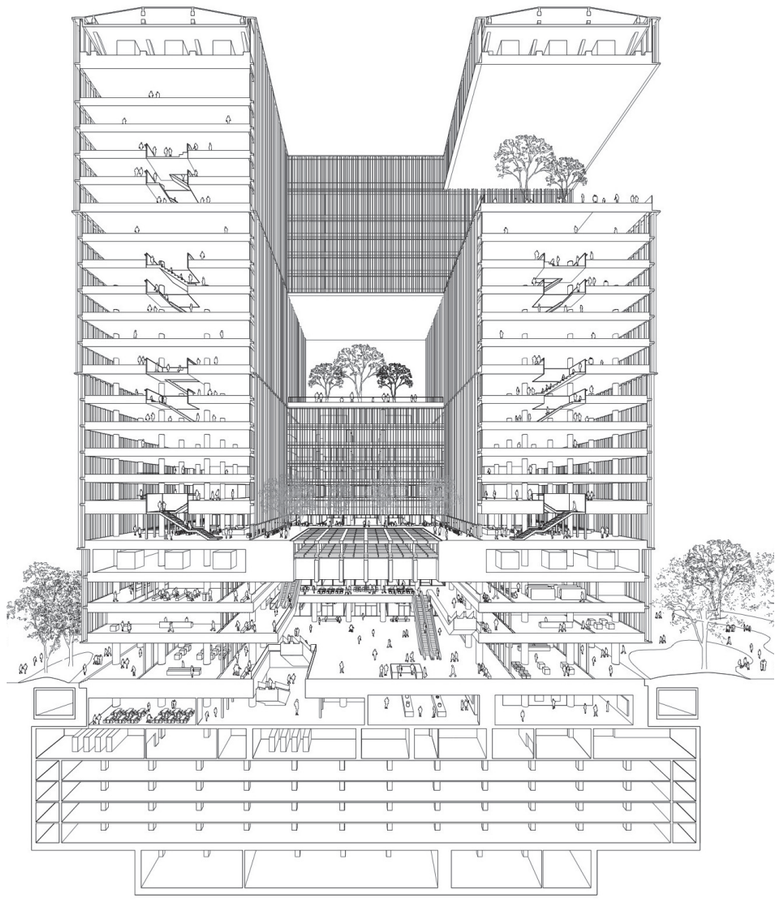
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Reference | Amorepacific Headquarters - David Chipperfield

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Reference | Marga Klompé Building - Powerhouse Company

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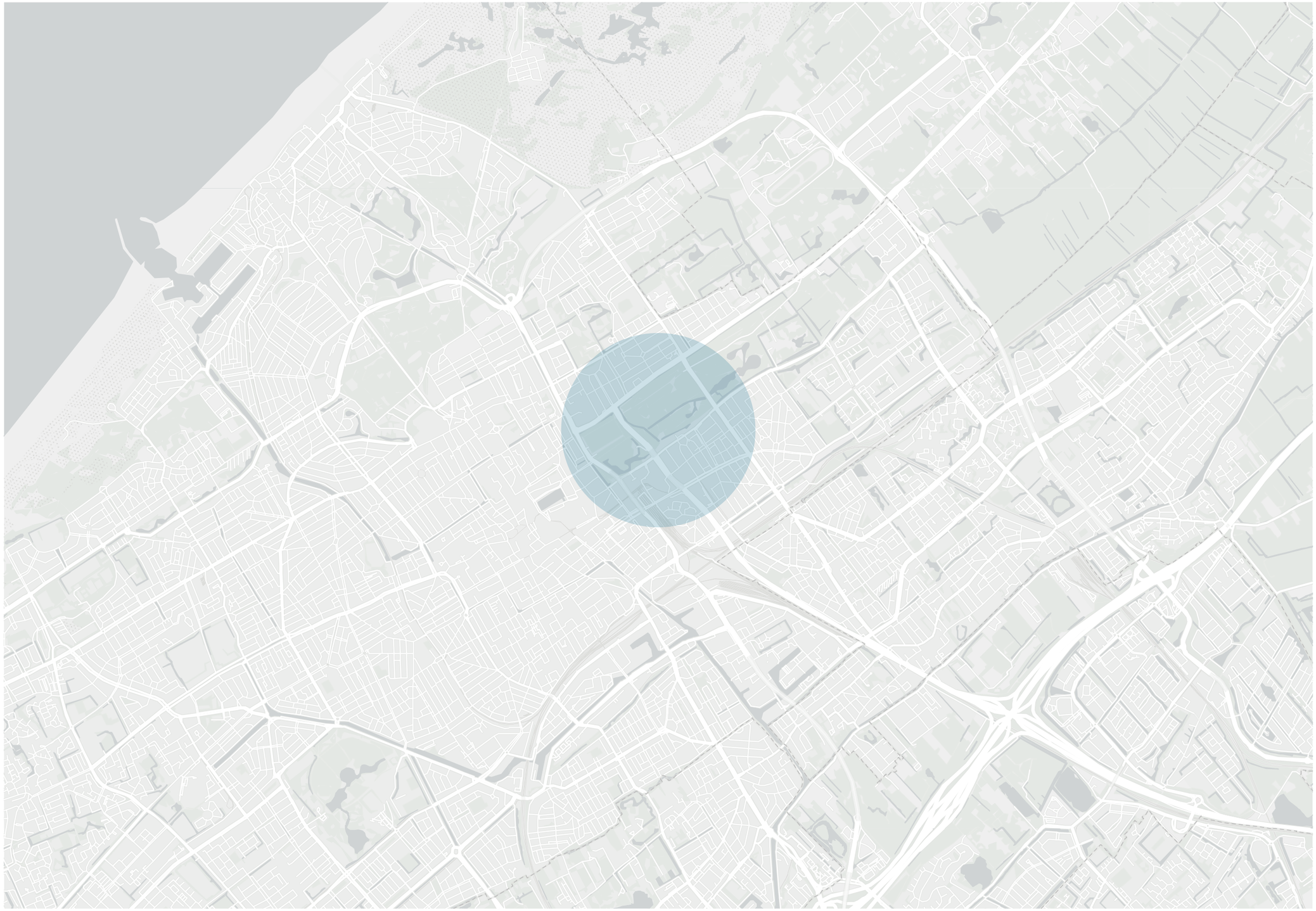


Reference | Deventer City Hall - Neutelings Riedijk Architecten

2. Location | The city of The Hague



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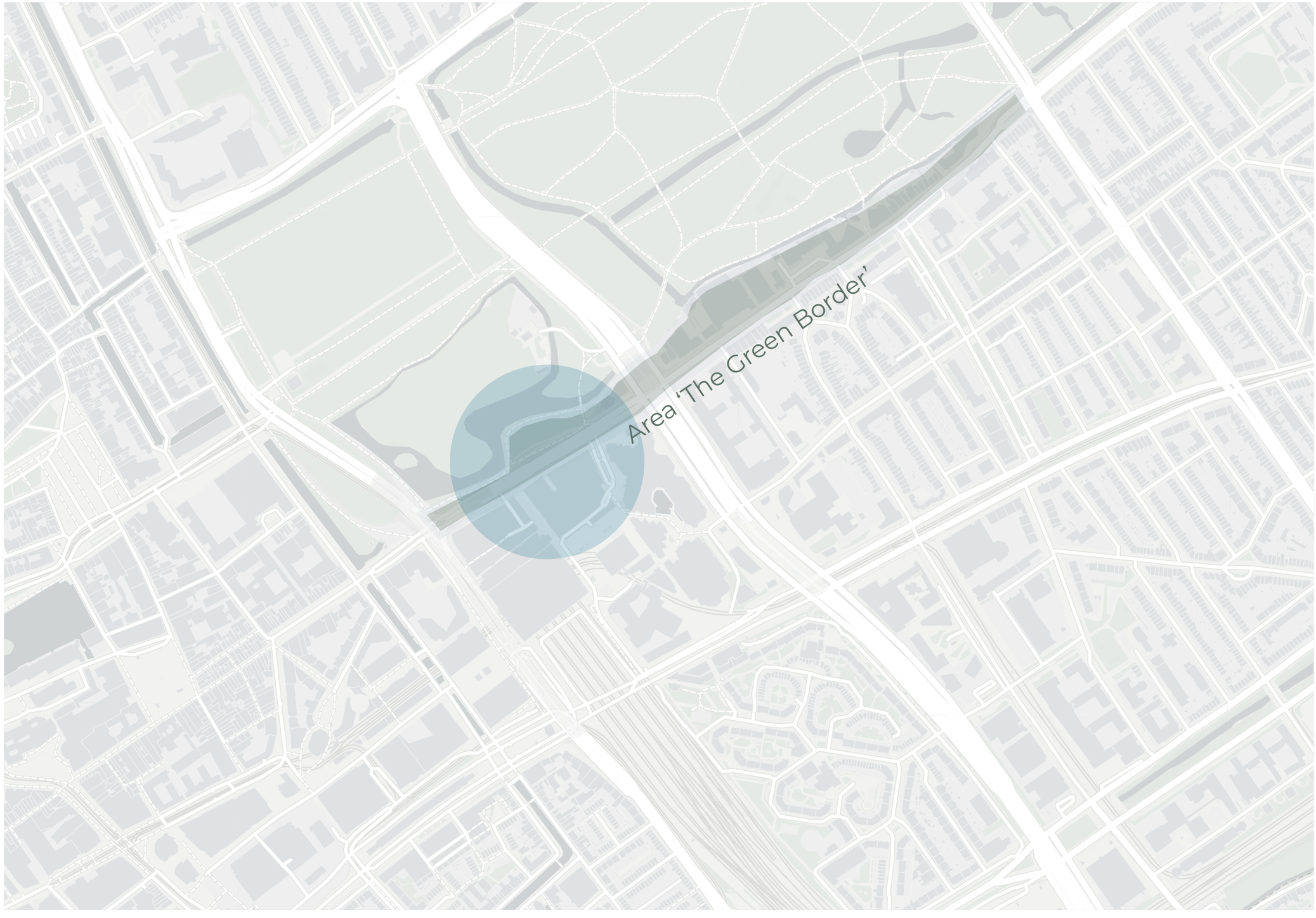
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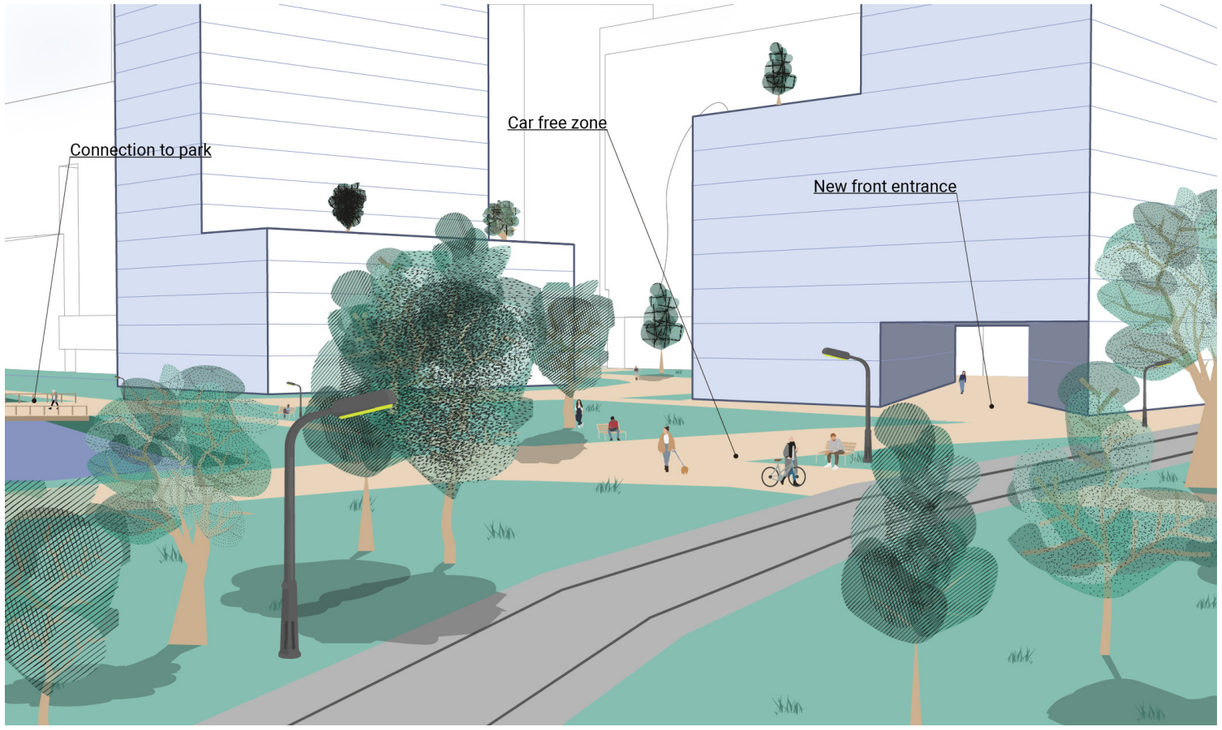


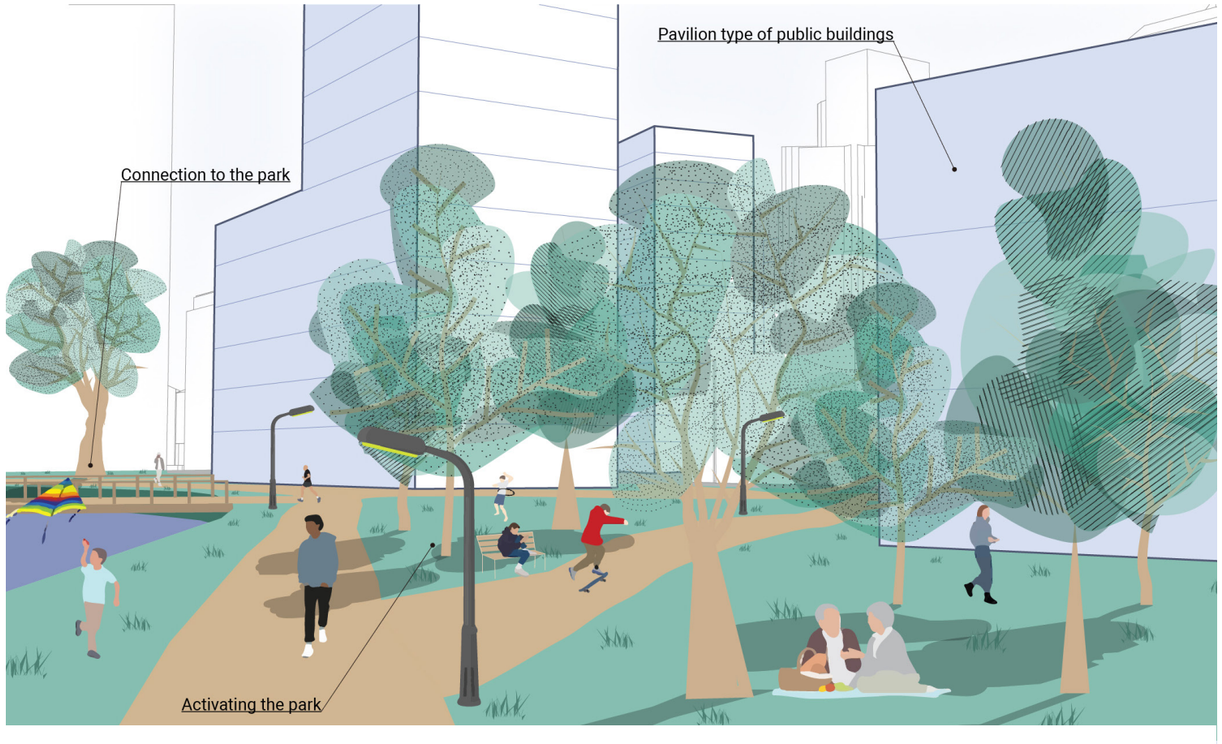
2. Location | Recap from P1

- Main narrative point: **intertwining park and city**
- More publicly accessible green into the city
- Activating the current park by adding publicly accessible buildings in it

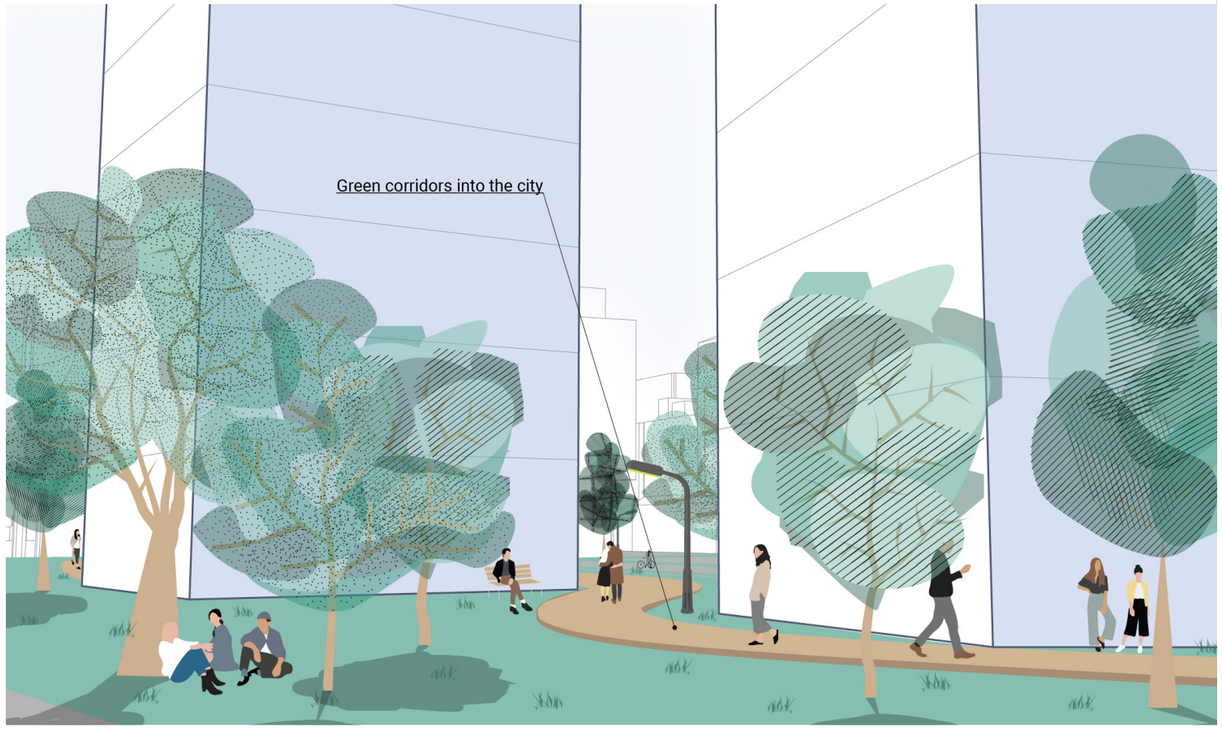


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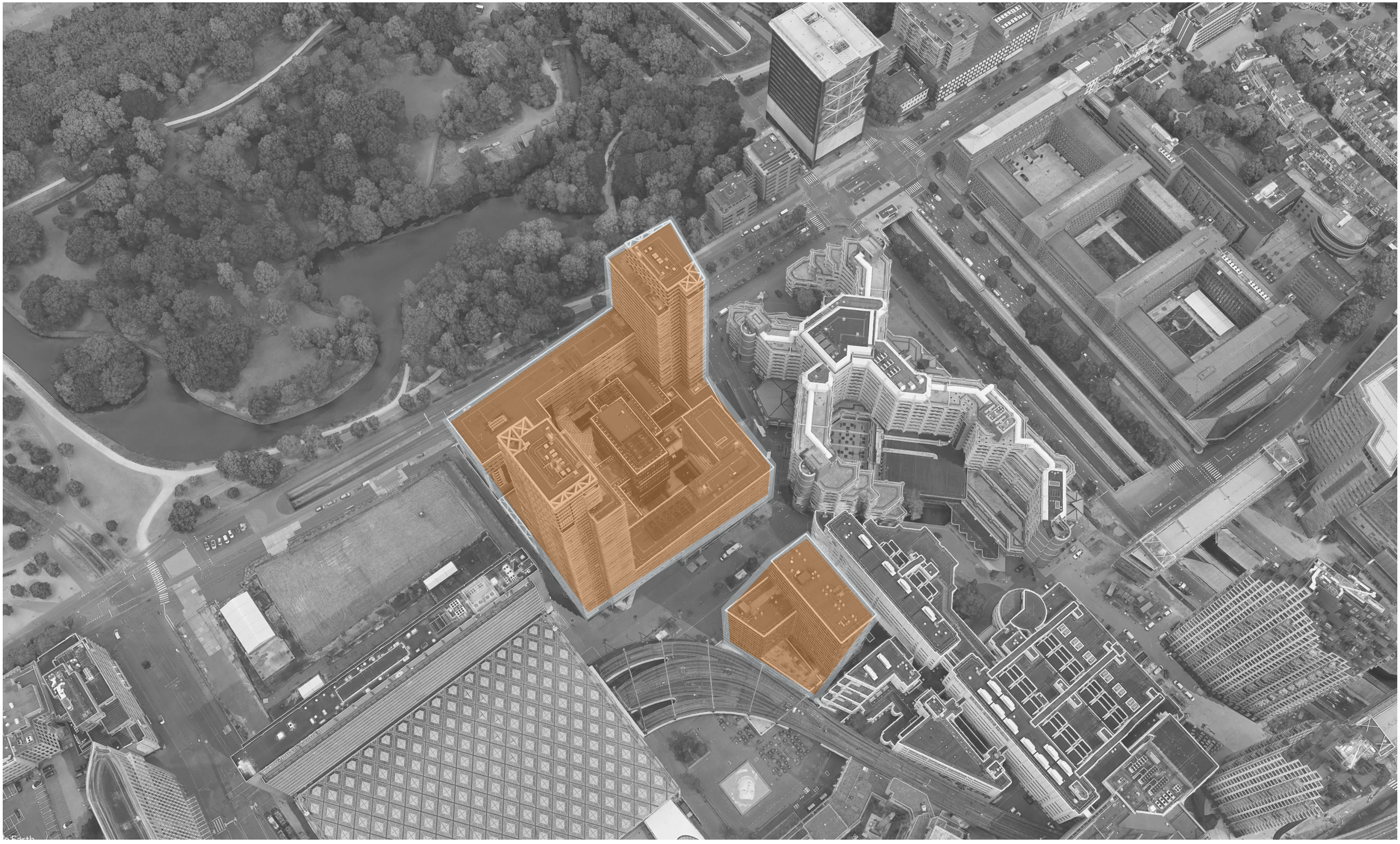




2. Location | Forming the campus

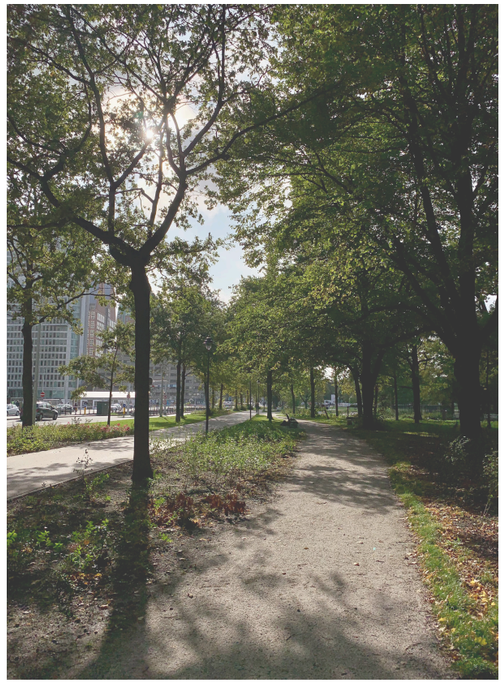


2. Location | Forming the campus



2. Location | Pictures of the area







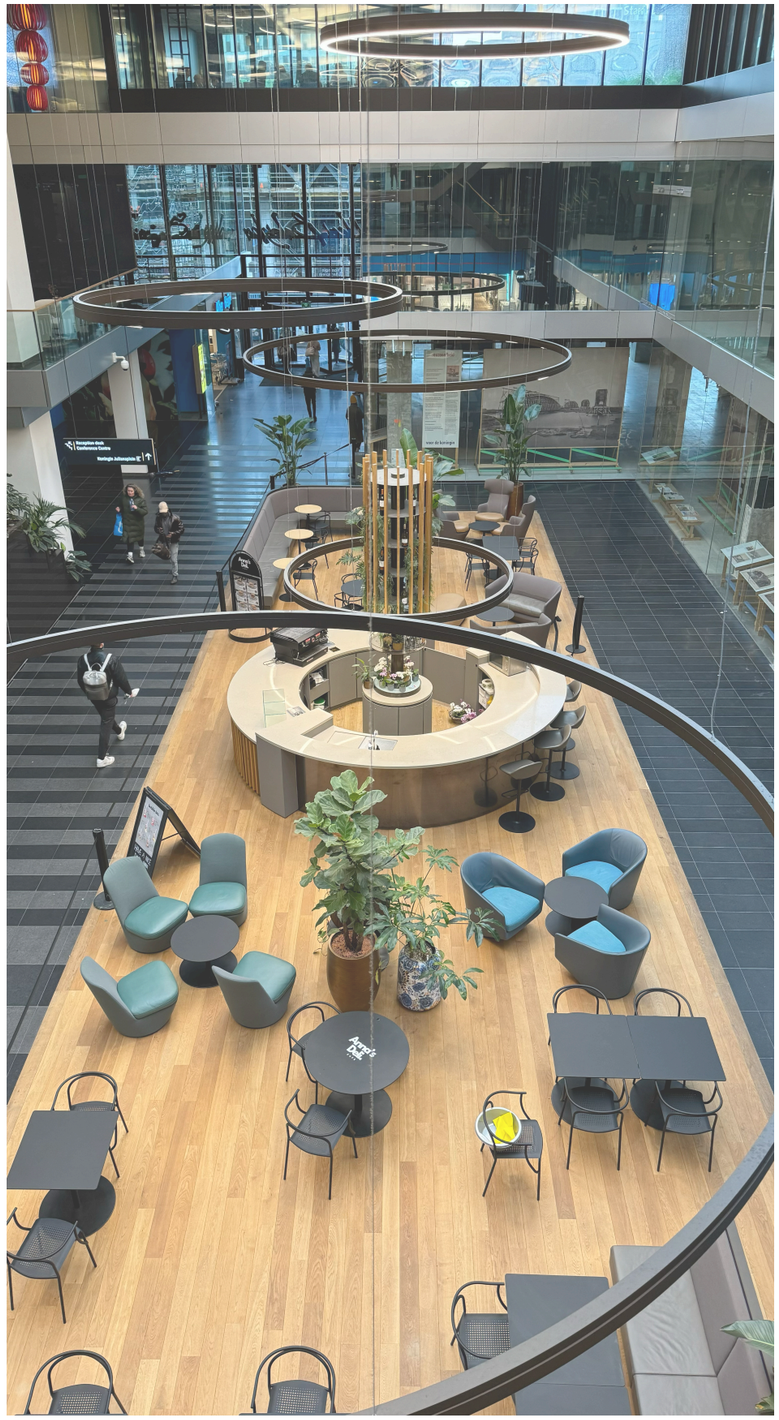




2. Location | Existing building of the campus: New Babylon







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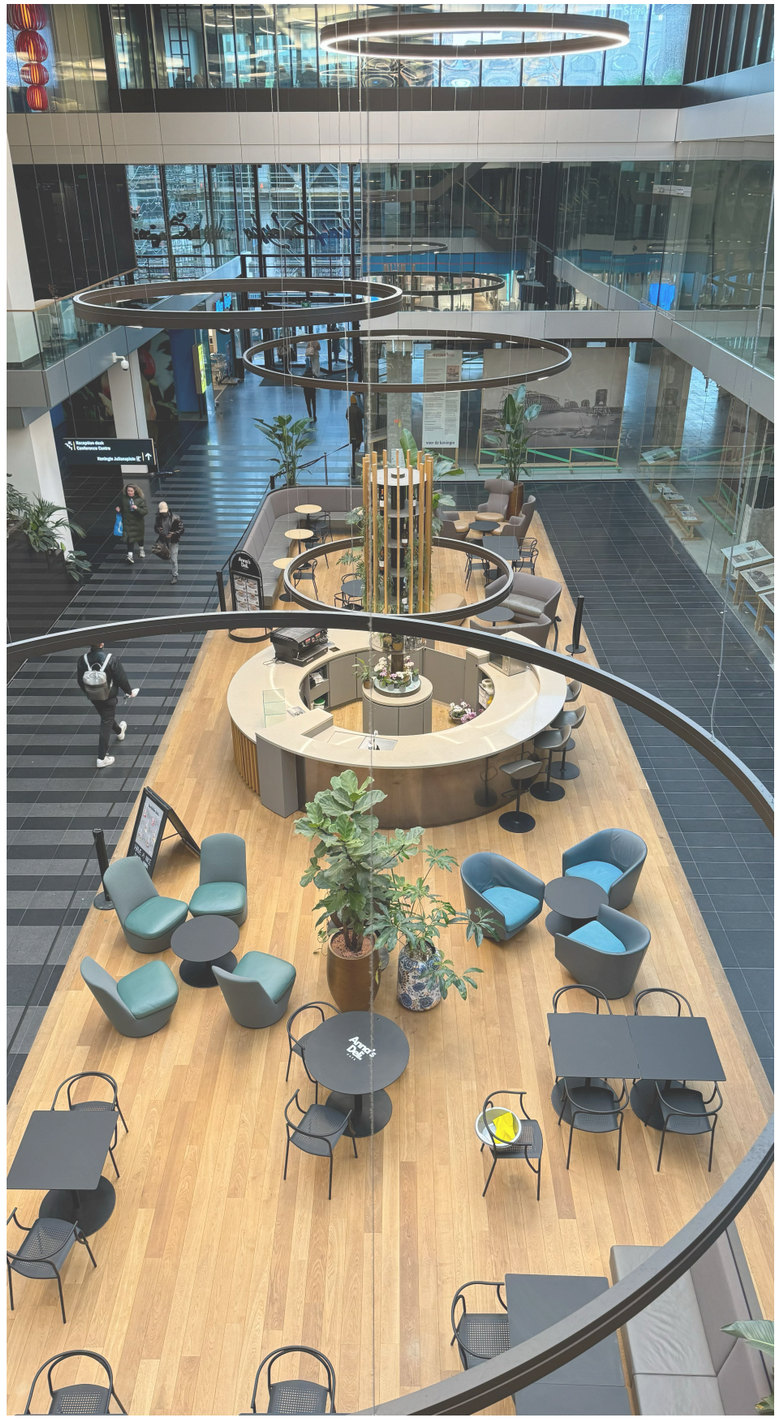
About New Babylon

- The original New Babylon dates from 1978 and was designed by J.A. Lucas and W.Th. Ellerman. (Wicona, 2022)

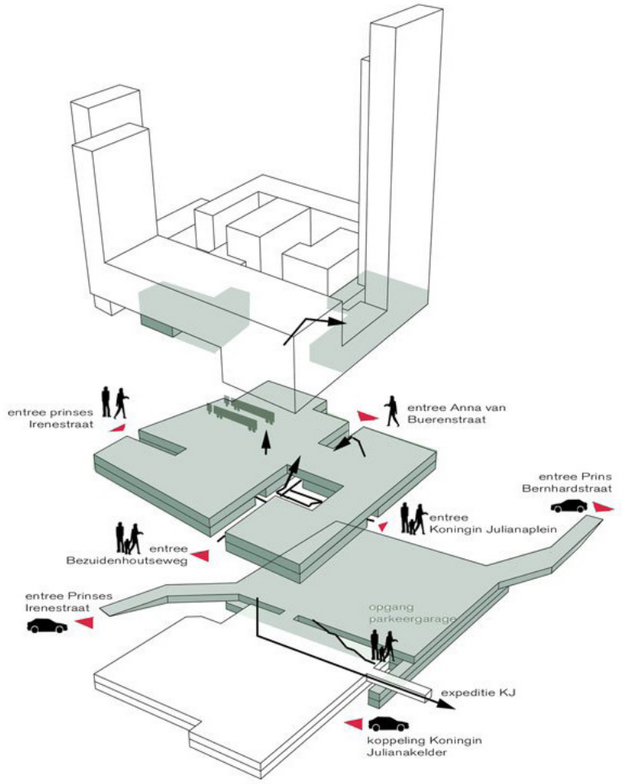
- The current design of the building was completed in 2012, this design comes from MVSA architects.

- The complex has a gross area of 143.000 sqm

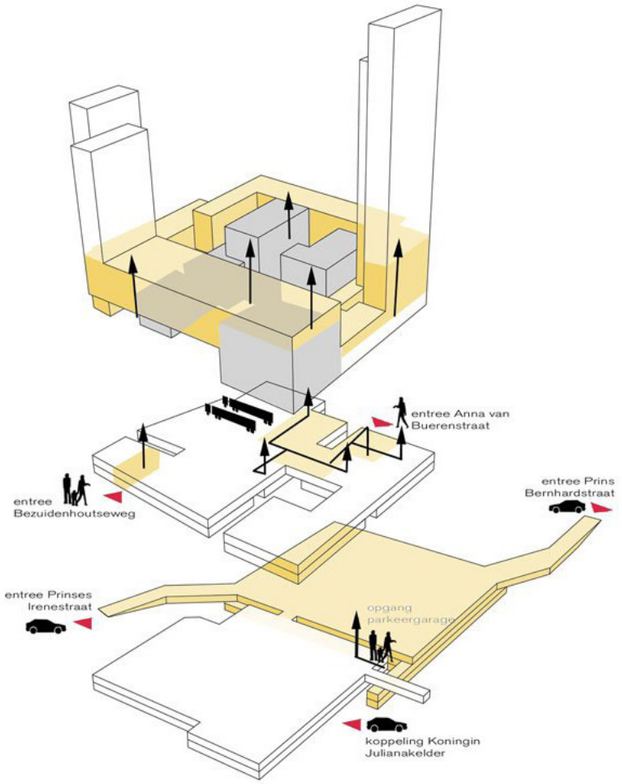
Source:
MVSA, no date



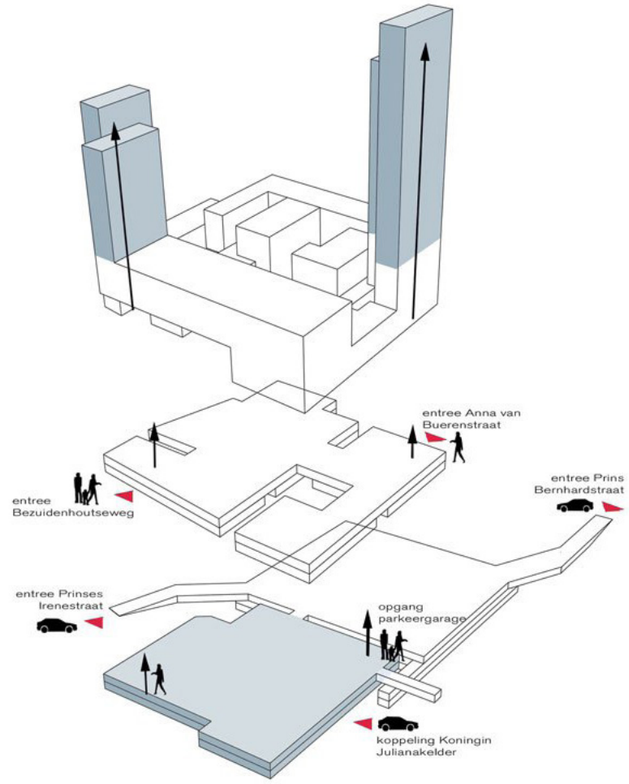
2. Location | Existing building of the campus: New Babylon



Public



Working



Living

2. Location | Existing building of the campus: Leiden University Anna van Buerenplein







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About Leiden University

- Designed by Wiel Arets Architects in 2012.
- Focus on student housing and the associated facilities.
- 396 residences for students of the Leiden University.
- The complex has a gross area of 24.500 sqm

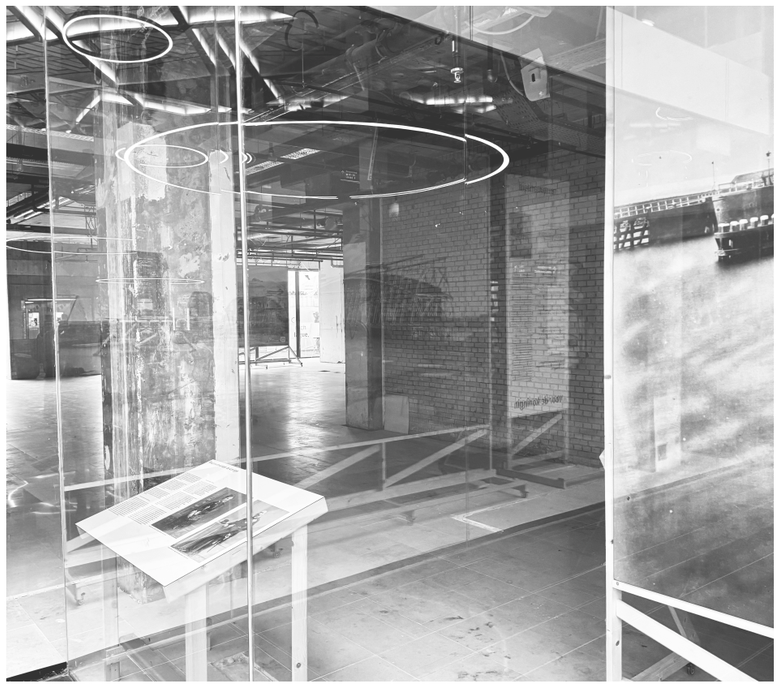
Source:
Kuitenbrouwer, P., 2014 in DASH Magazine no. 10



2. Location | Problems in het current situation









2. Location | Solution to the posed problem





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ProDemos
Huis voor democratie en rechtsstaat

TU Delft

Universiteit Leiden

THE HAGUE
CONFERENCE CENTRE
New Babylon





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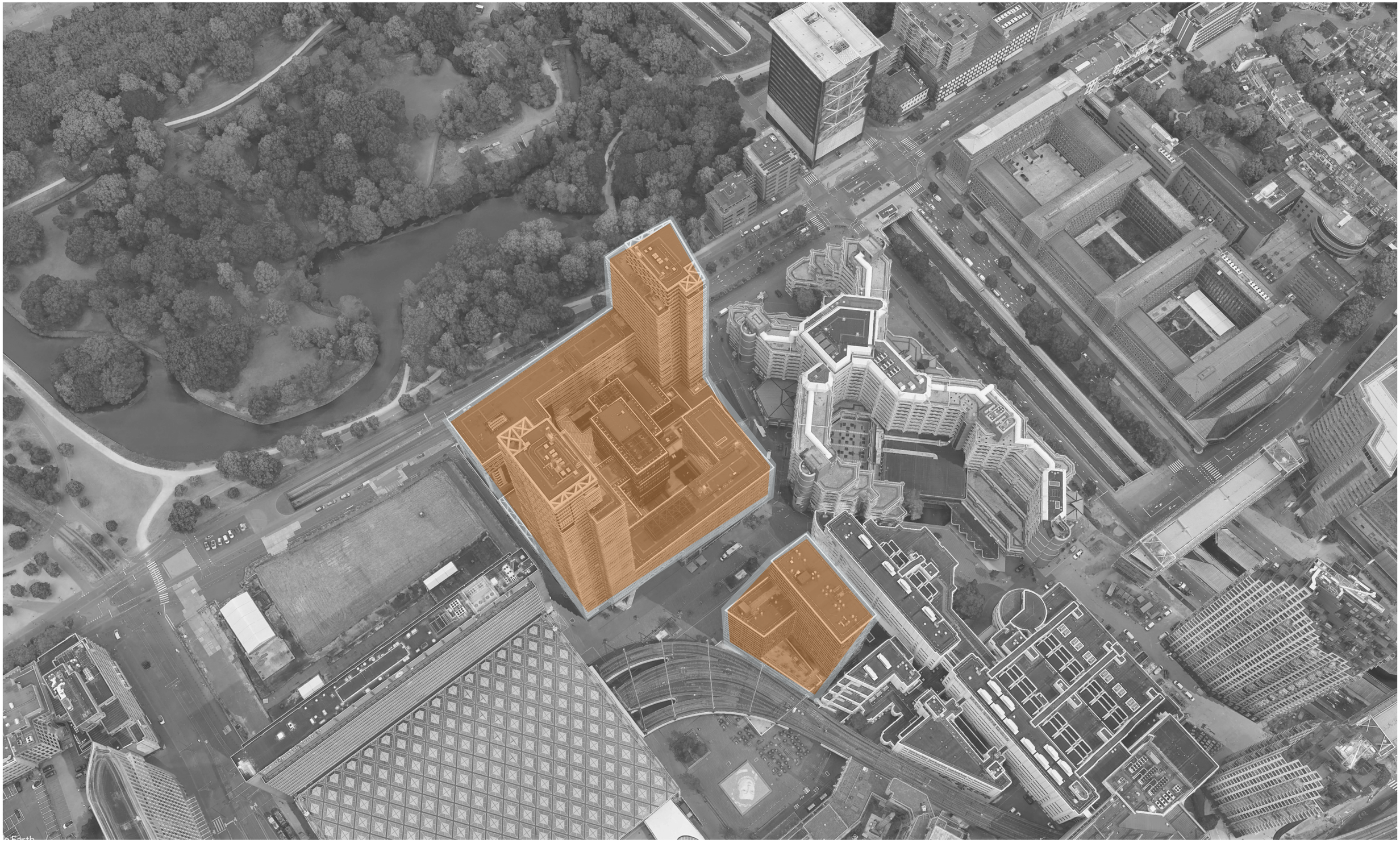
CAMPUS HAAGSCHE PARK

Universiteit Leiden

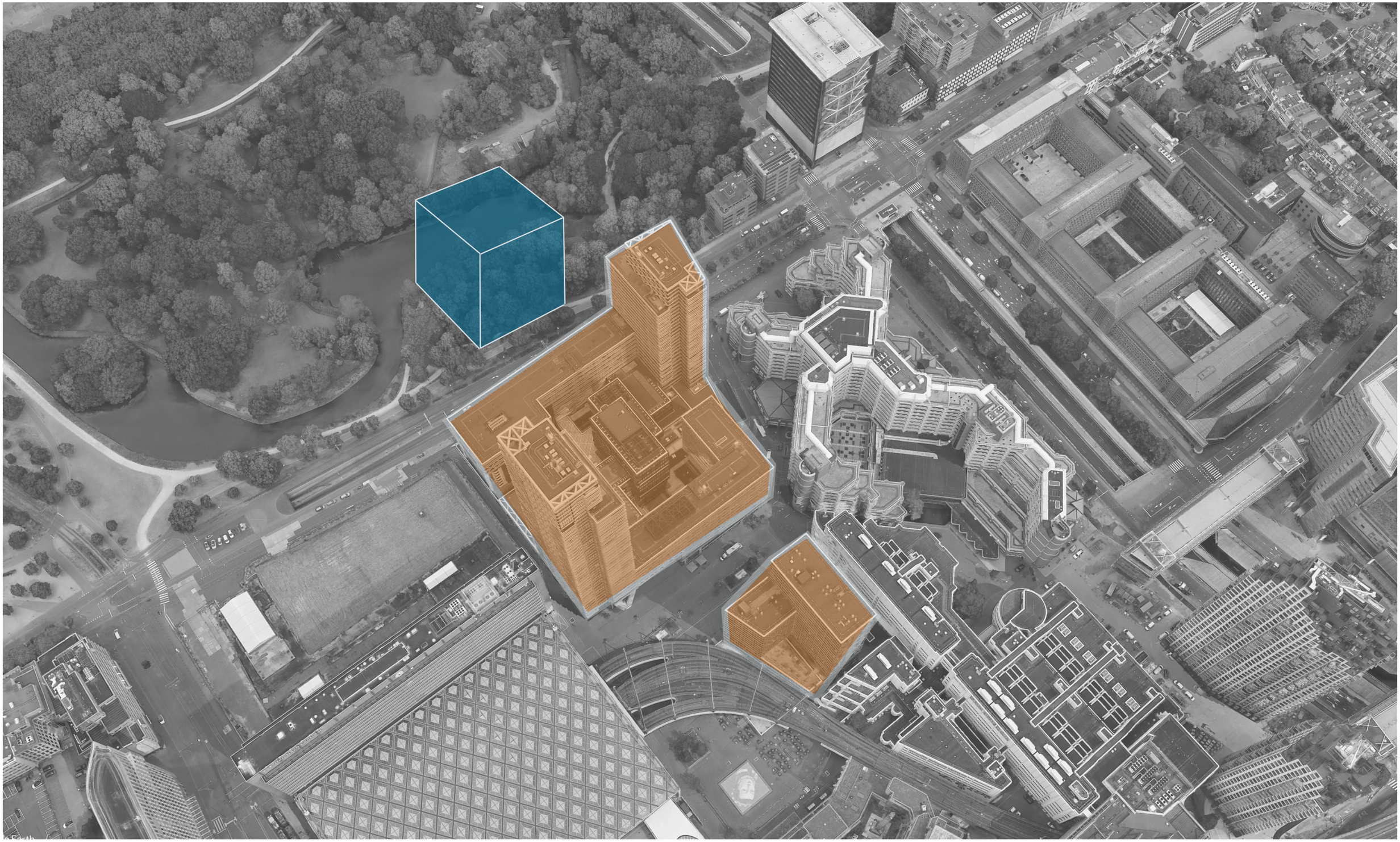
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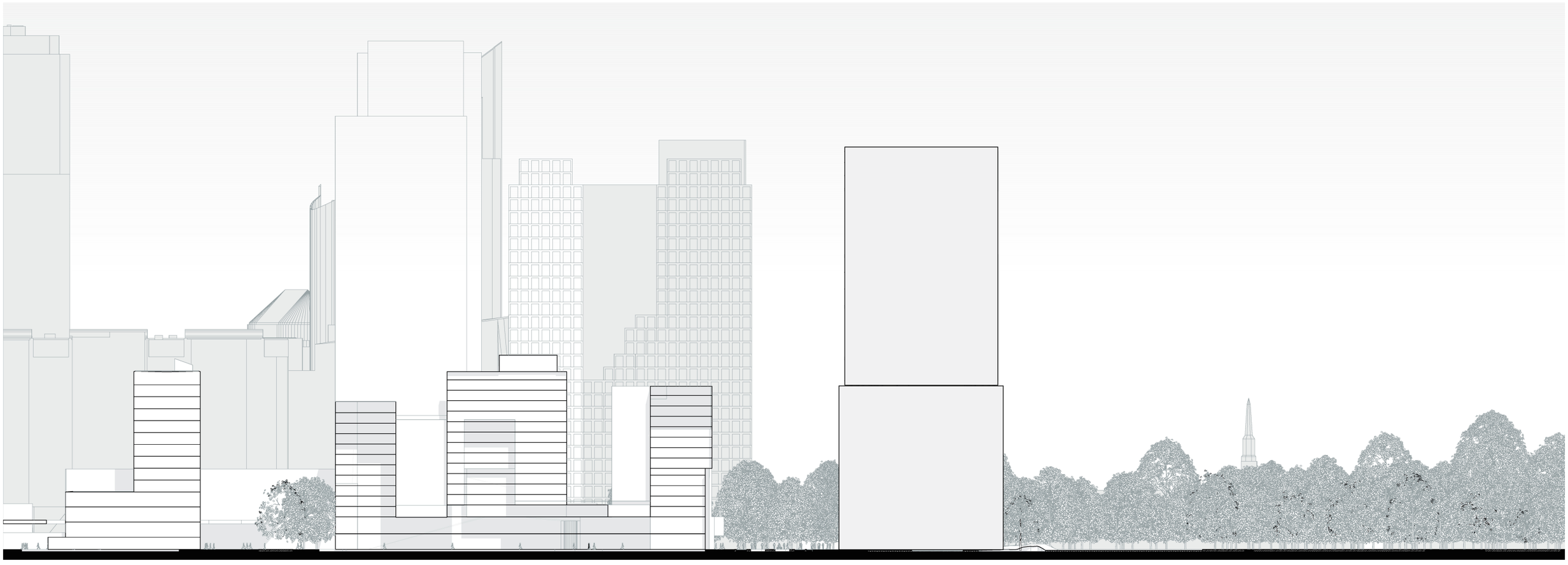
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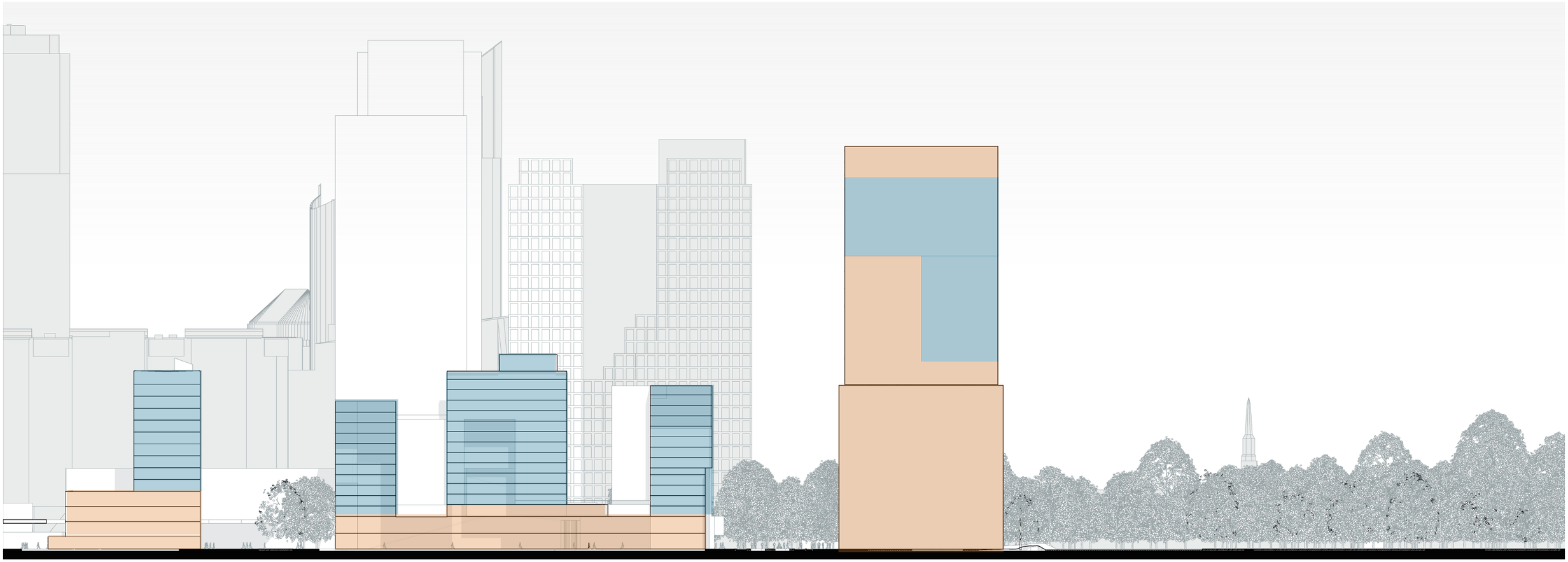
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3. Architectural Design | Urban Section with the new volume

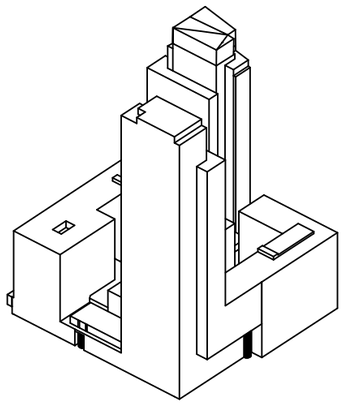


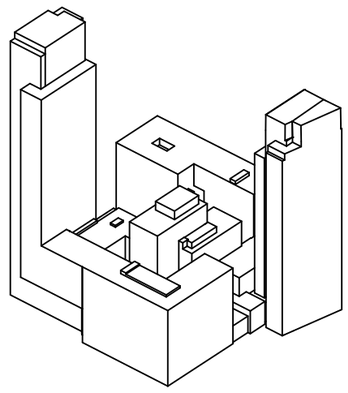
3. Architectural Design | Urban Section with proposed program

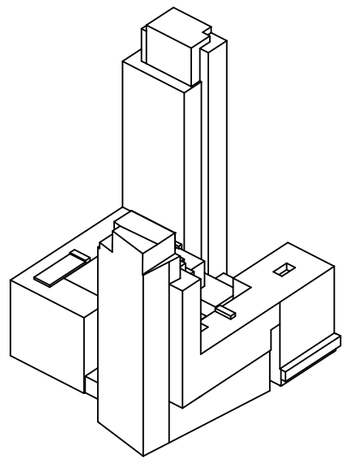


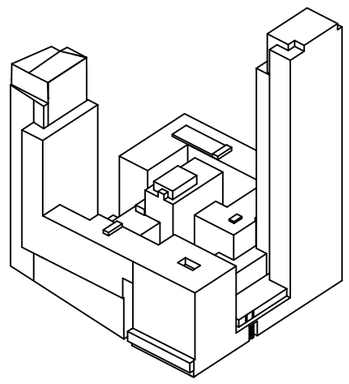
Publicly accessible functions

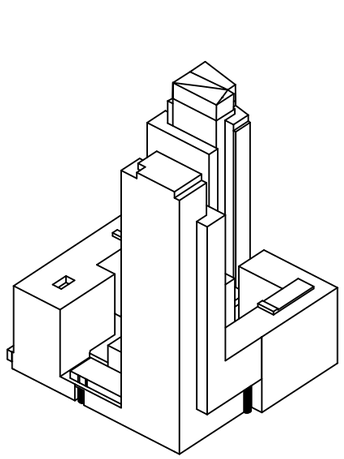
Non-publicly accessible functions

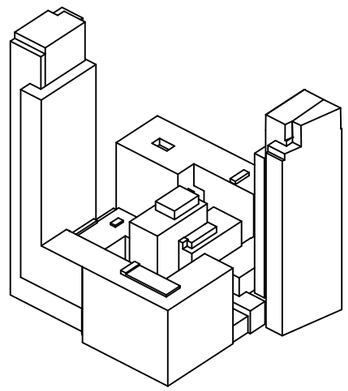


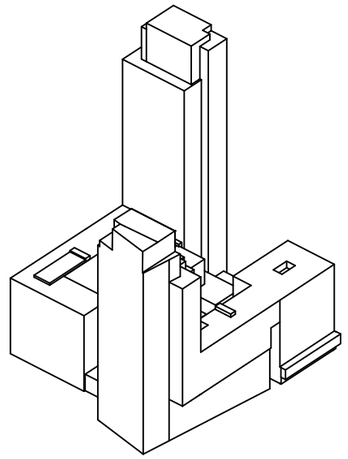


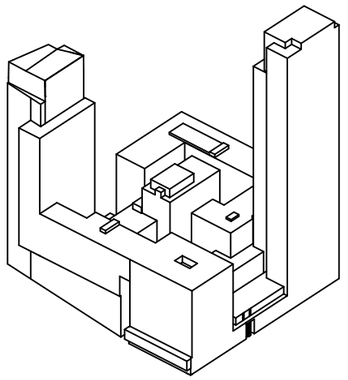


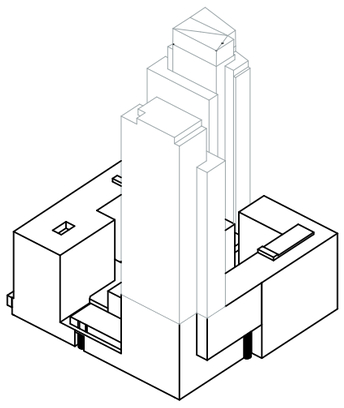


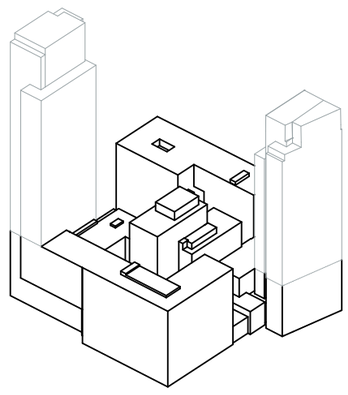


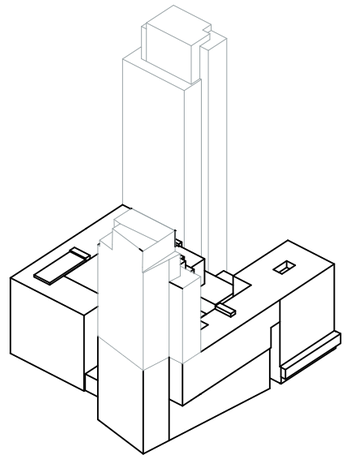


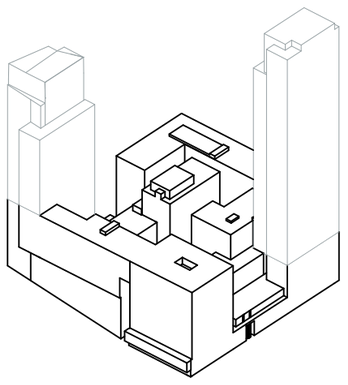


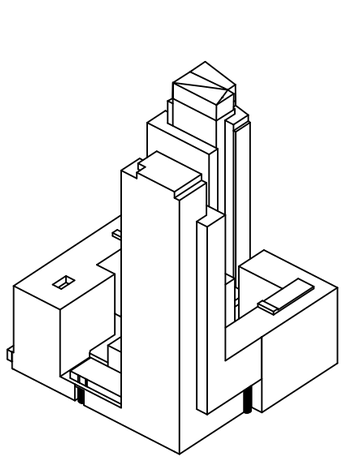
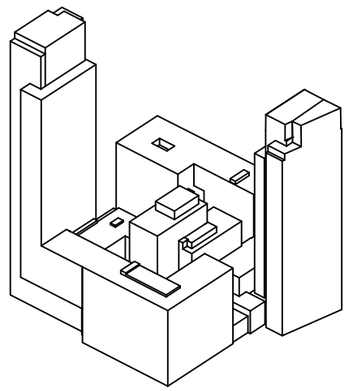
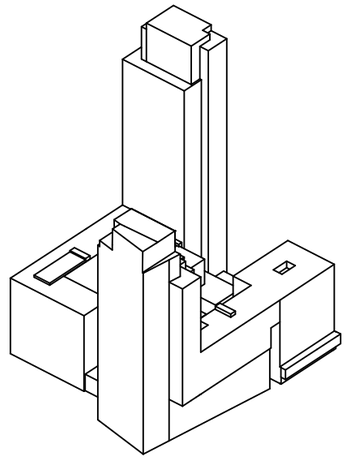
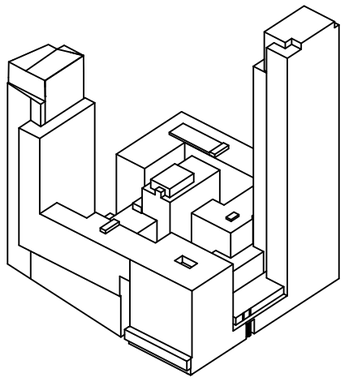
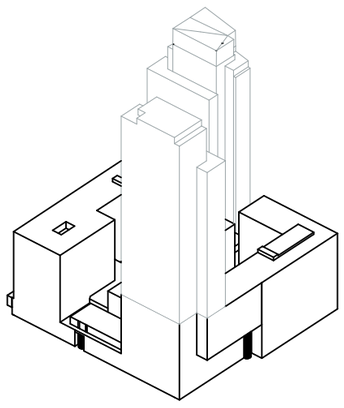
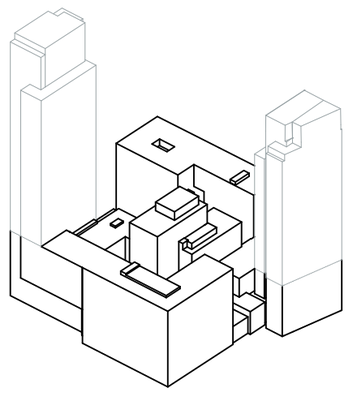
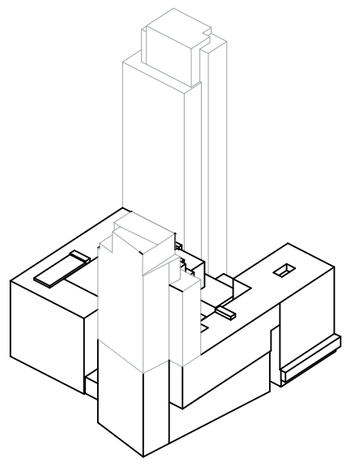
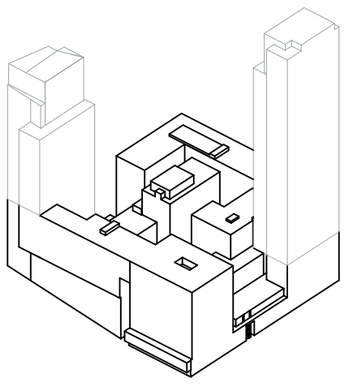
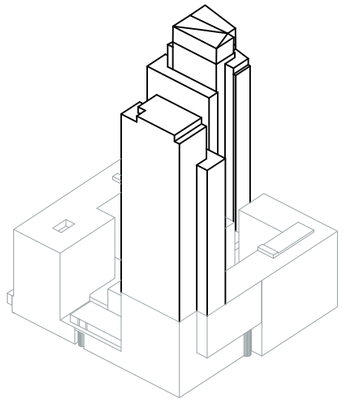
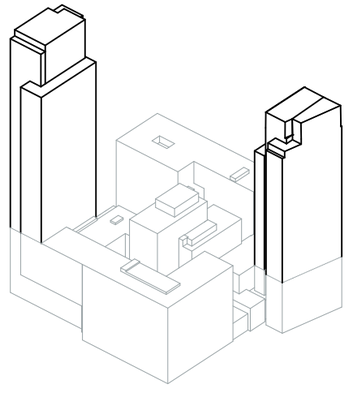
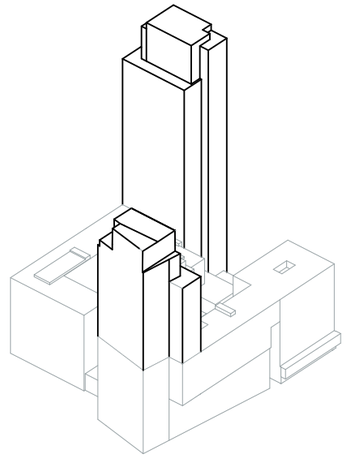
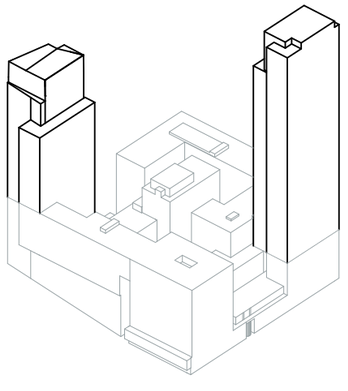




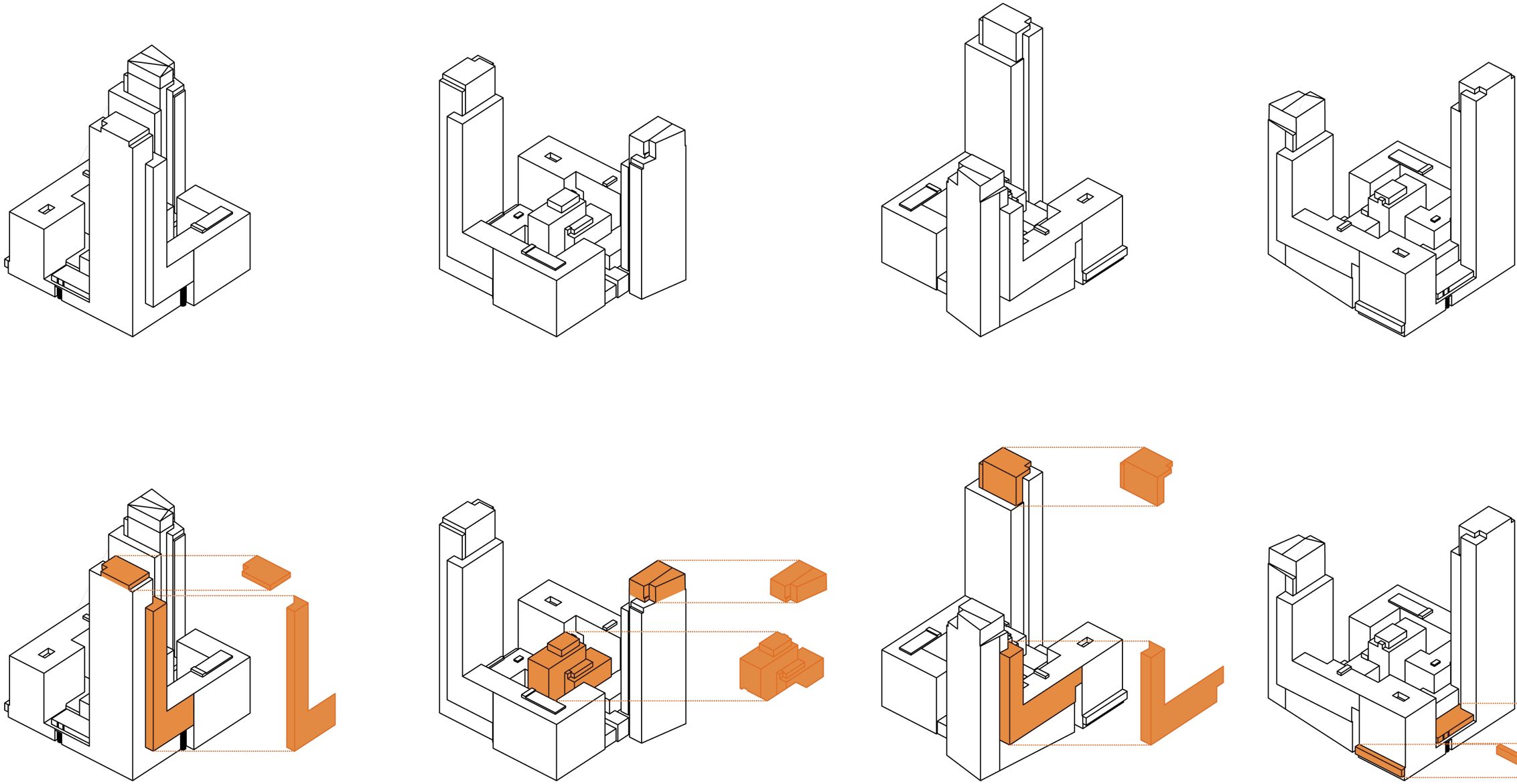






3. Architectural Design | Shape of the new volume - Analysing New Babylon

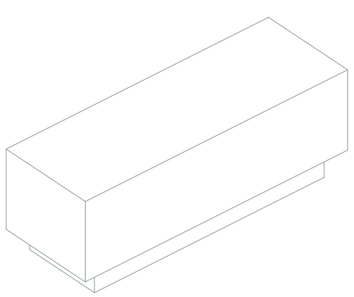


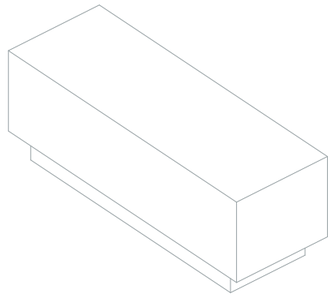
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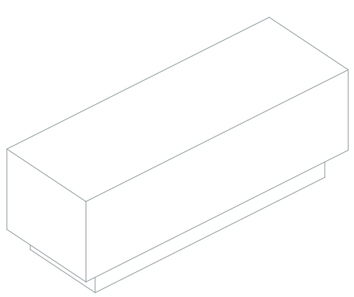
3. Architectural Design | Shape of the new volume - Massing

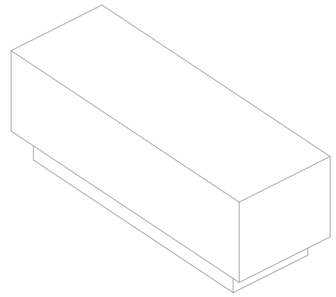


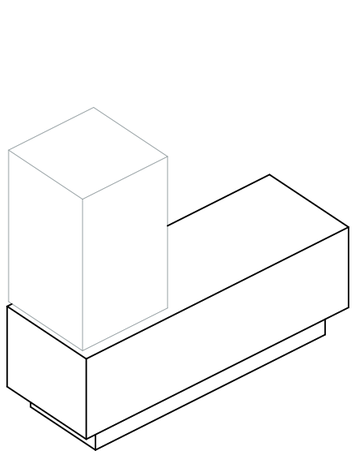
3. Architectural Design | Shape of the new volume - Massing

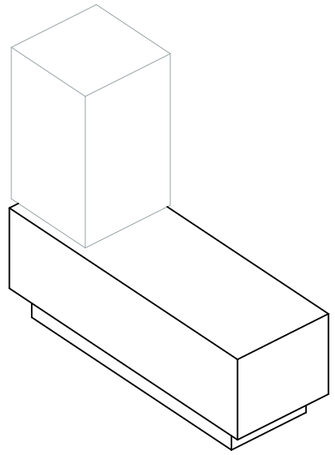


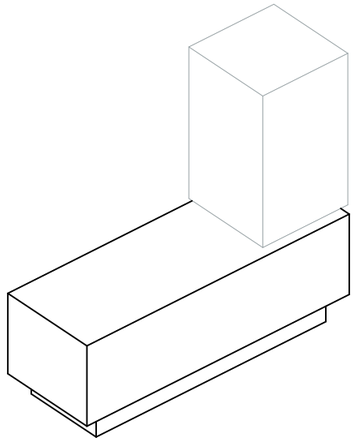


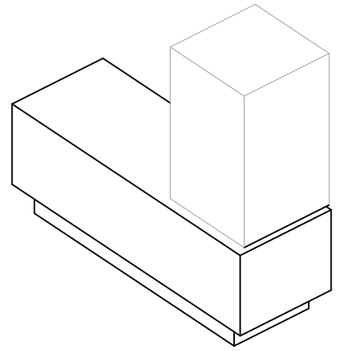




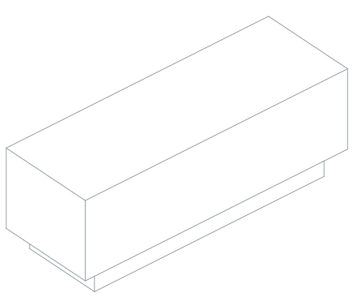
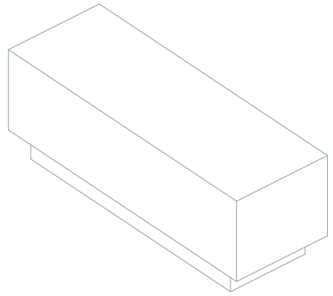
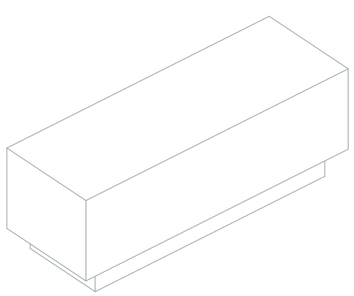
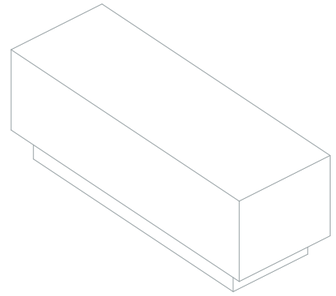
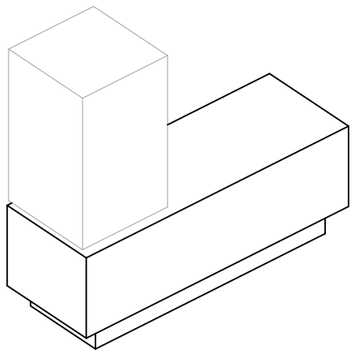
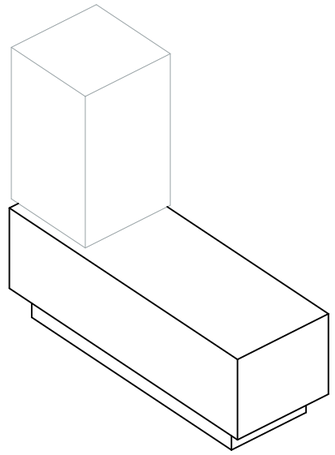
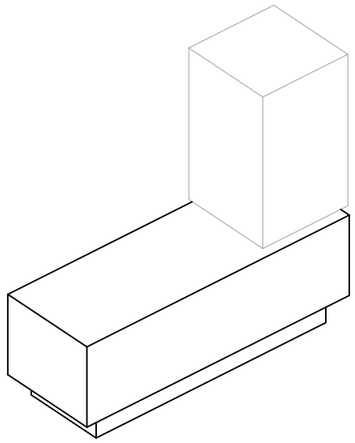
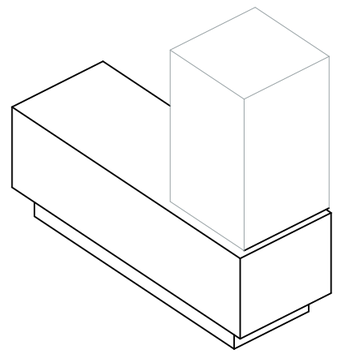
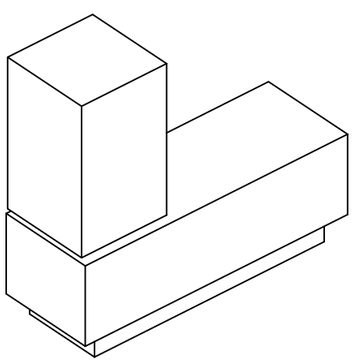
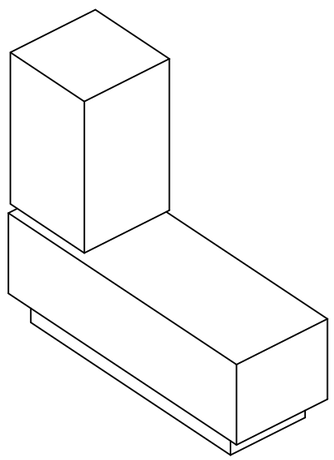
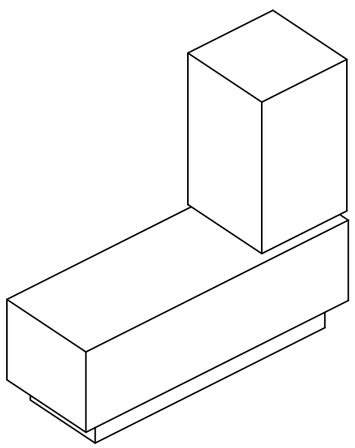
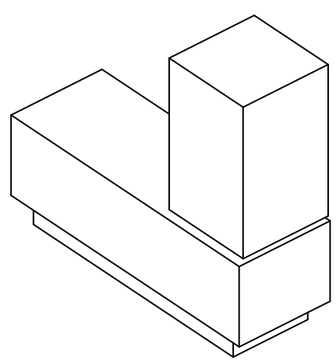




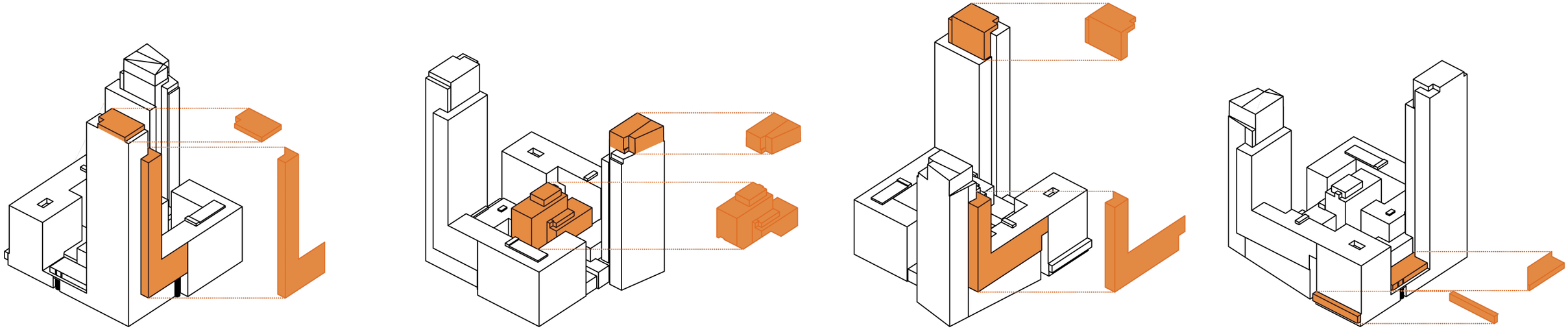




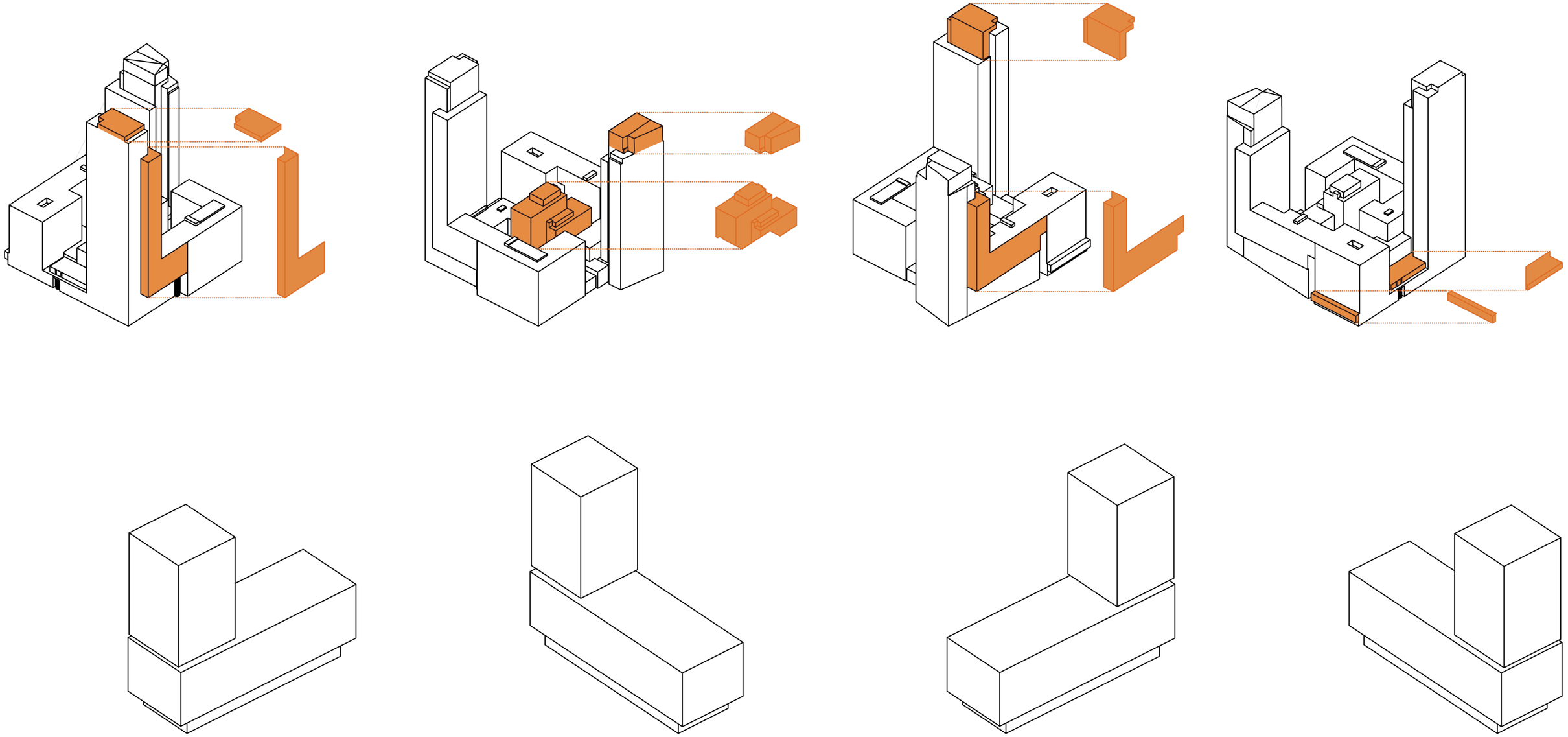
3. Architectural Design | Shape of the new volume - Massing

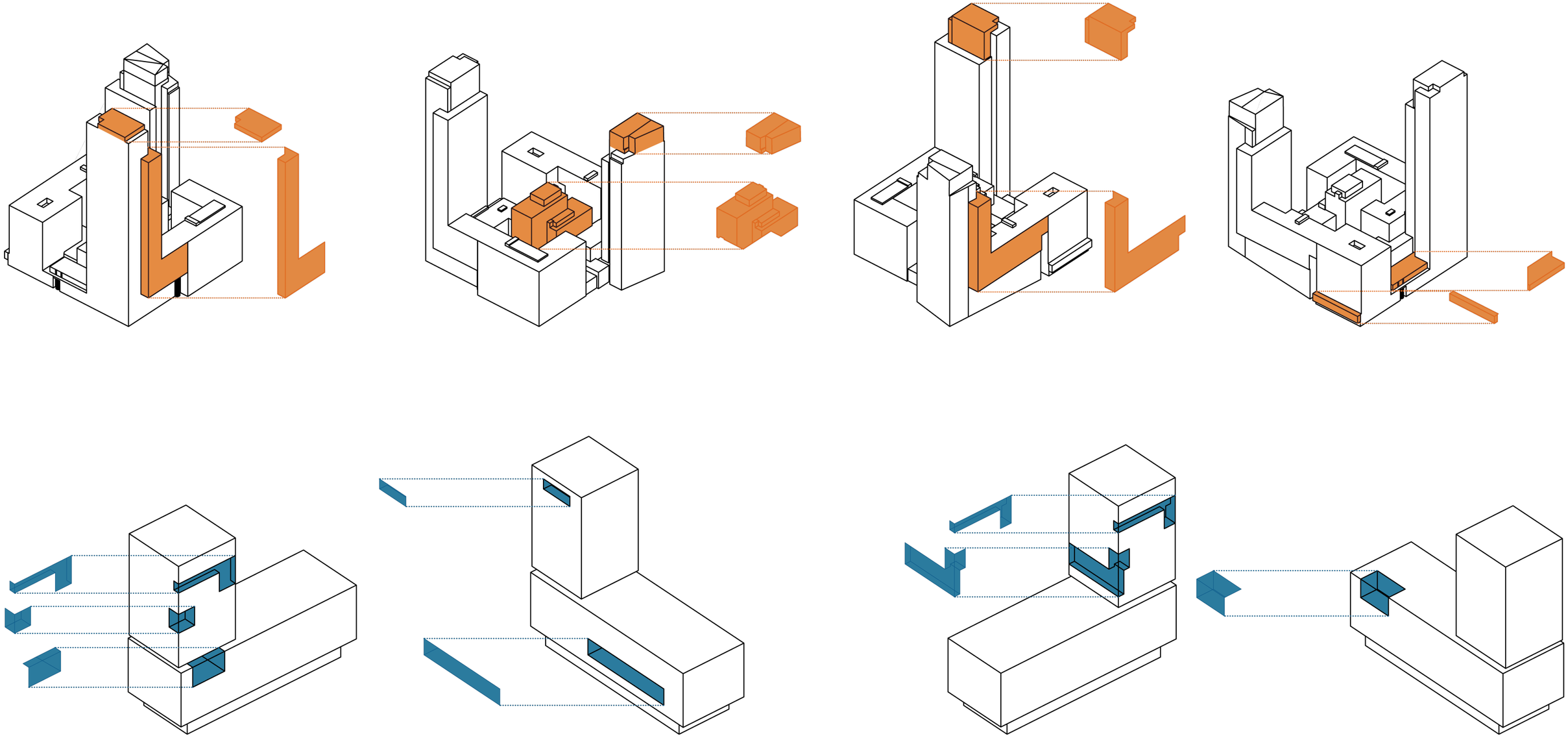
3. Architectural Design | Shape of the new volume - Balance of fragments



3. Architectural Design | Shape of the new volume - Balance of fragments

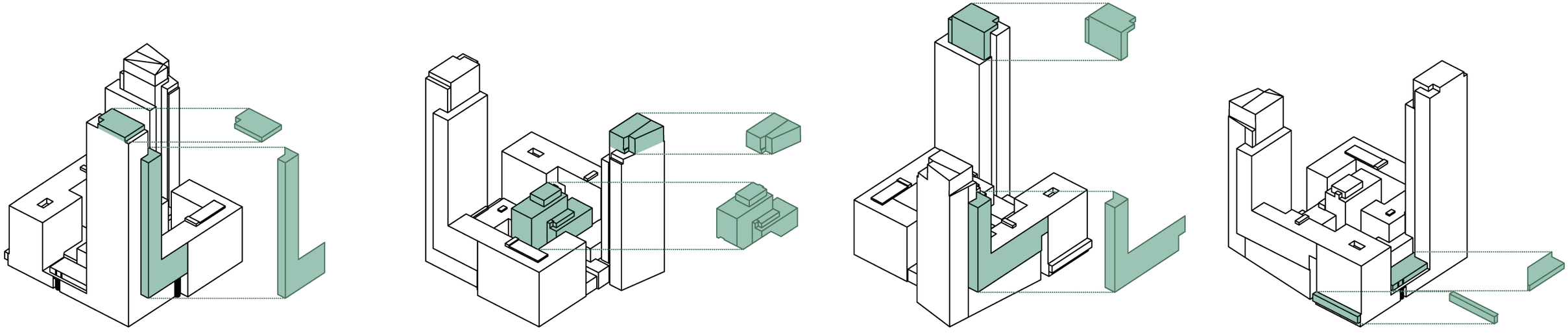


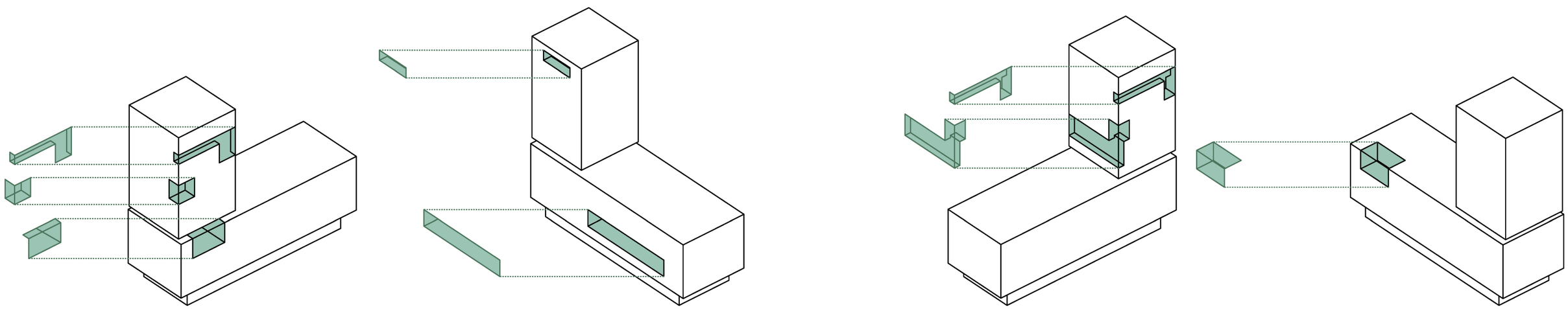
3. Architectural Design | Shape of the new volume - Balance of fragments



Classification: Version

3. Architectural Design | Shape of the new volume - Balance of fragments



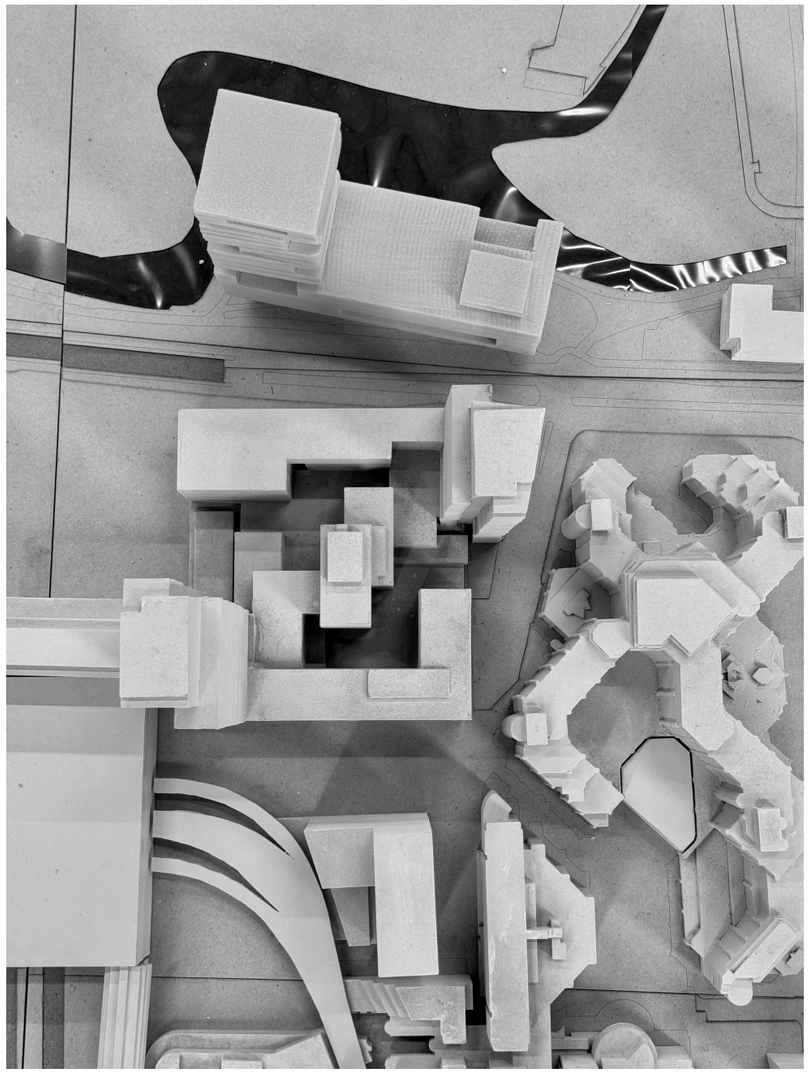


3. Architectural Design | Shape of the new volume - Maquette



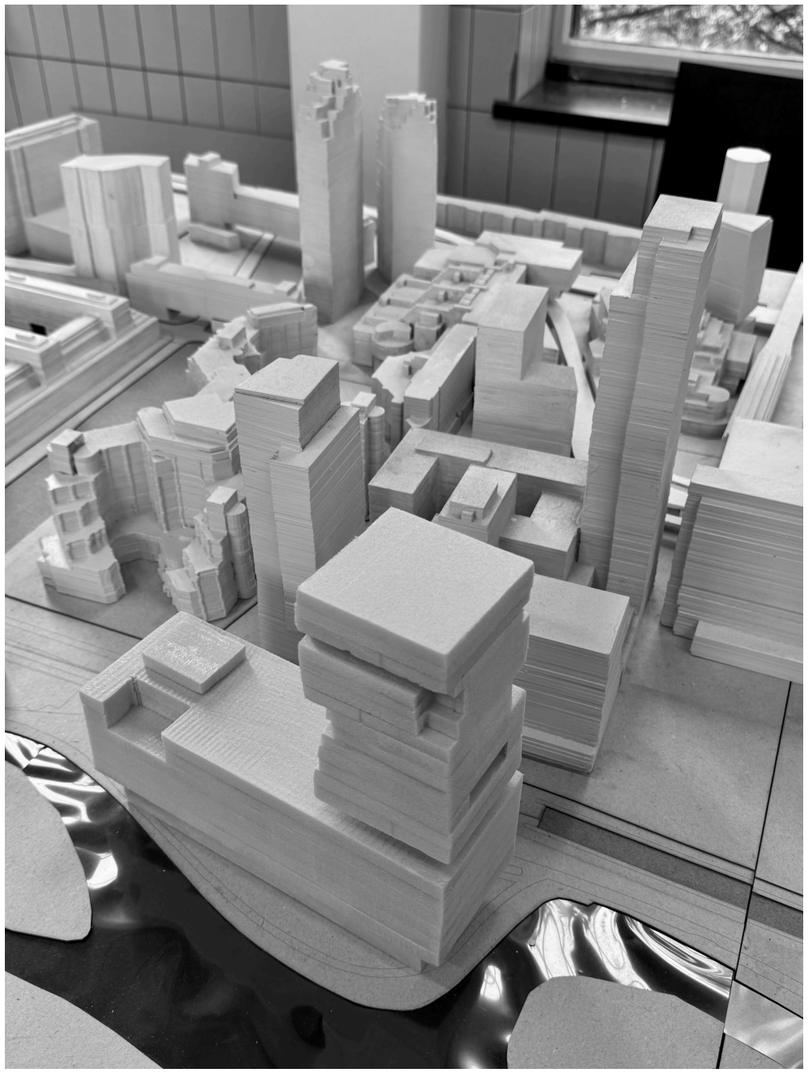
3. Architectural Design | Shape of the new volume

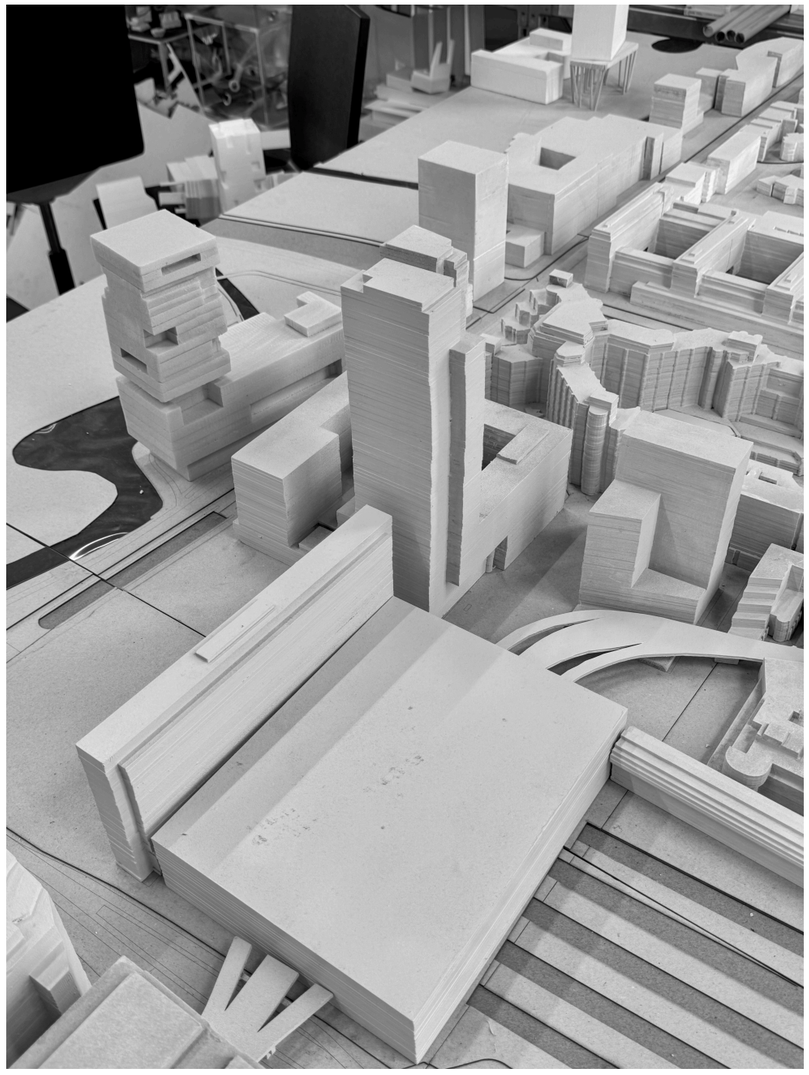


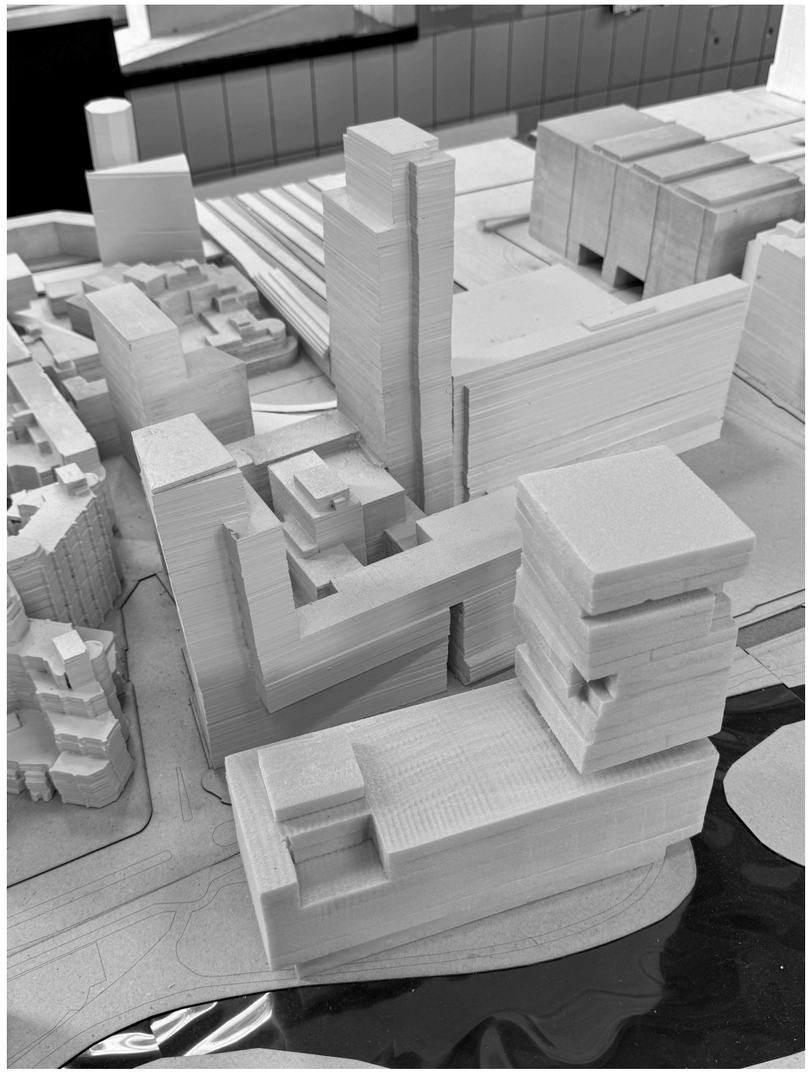




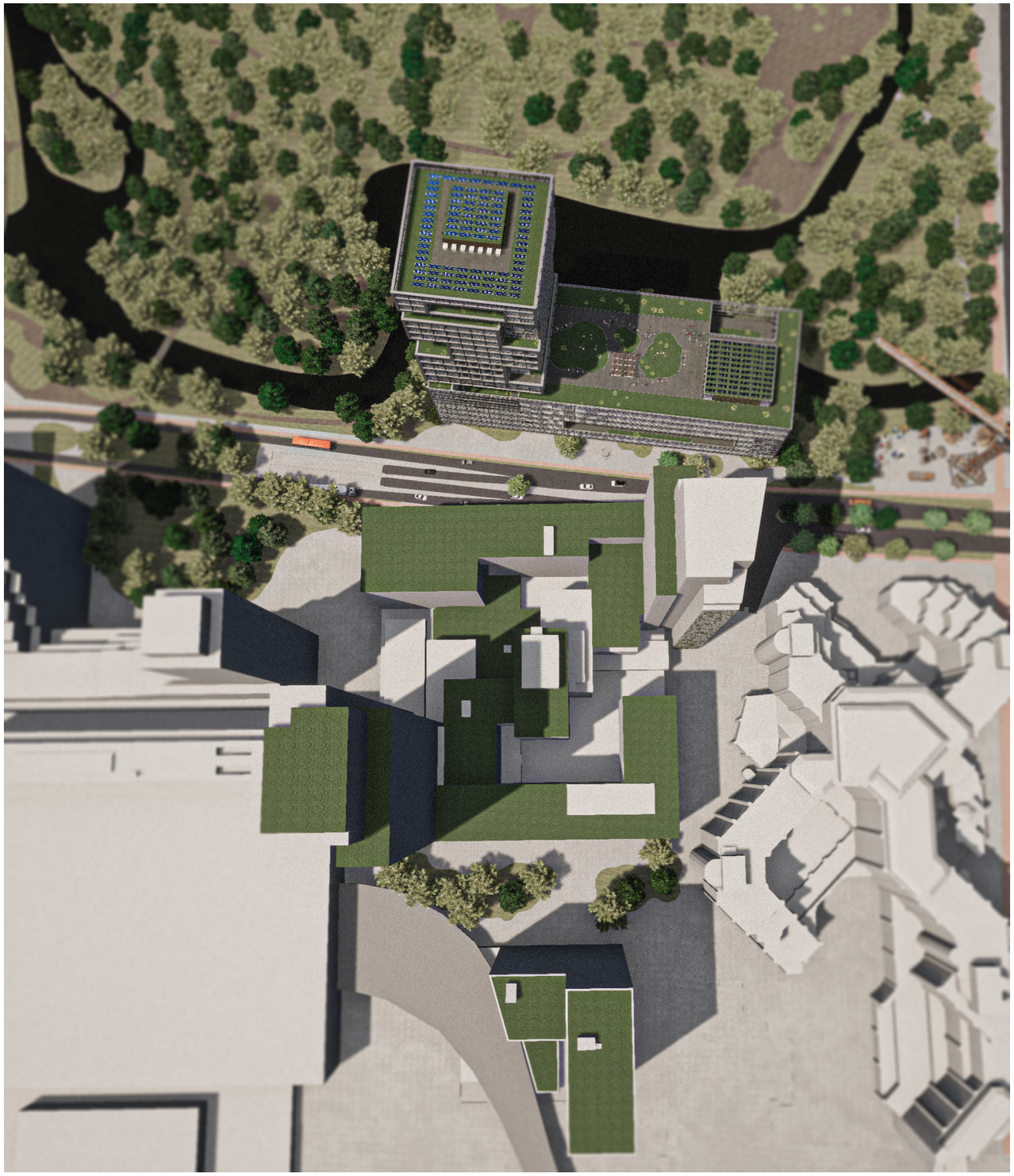
3. Architectural Design | Shape of the new volume



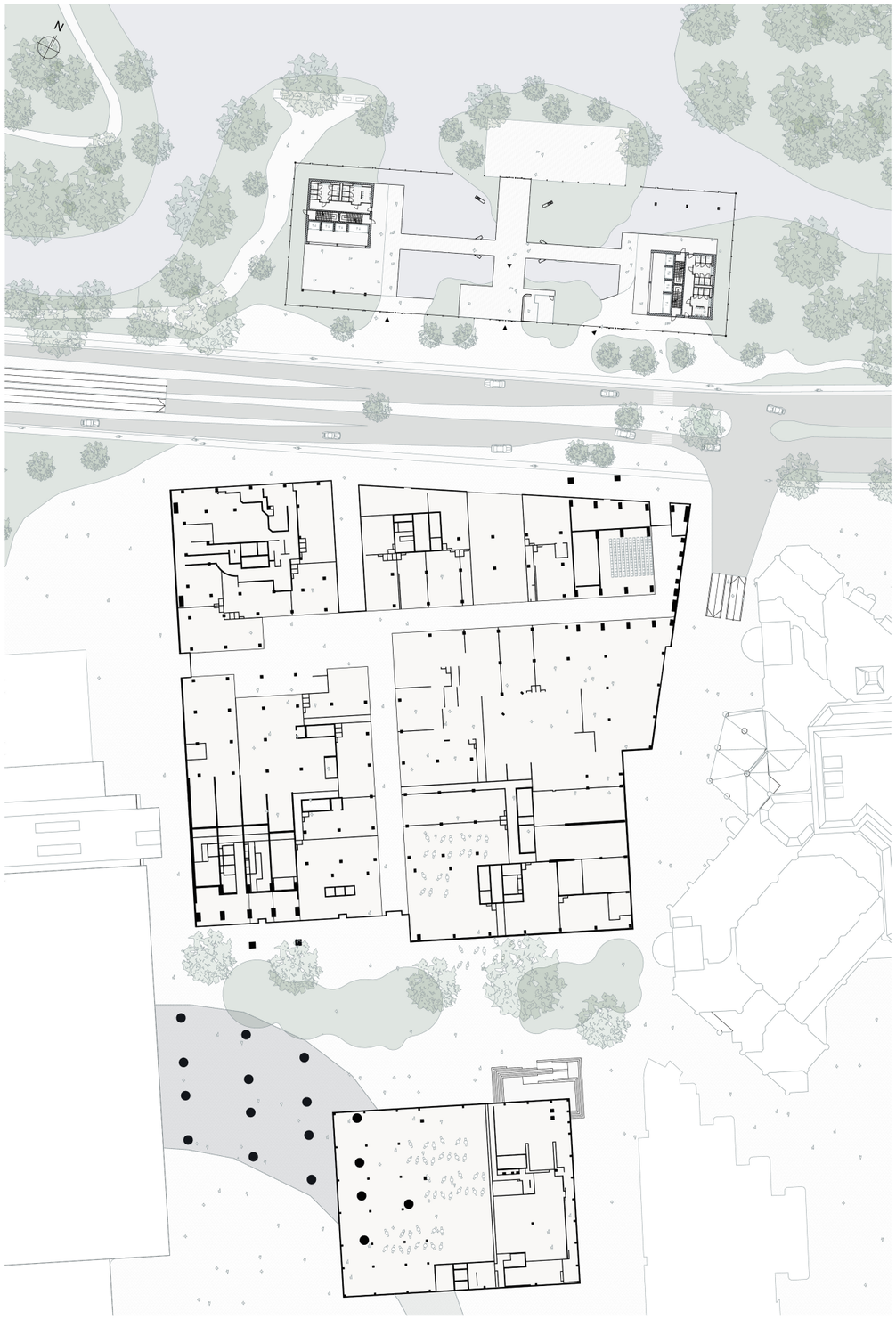




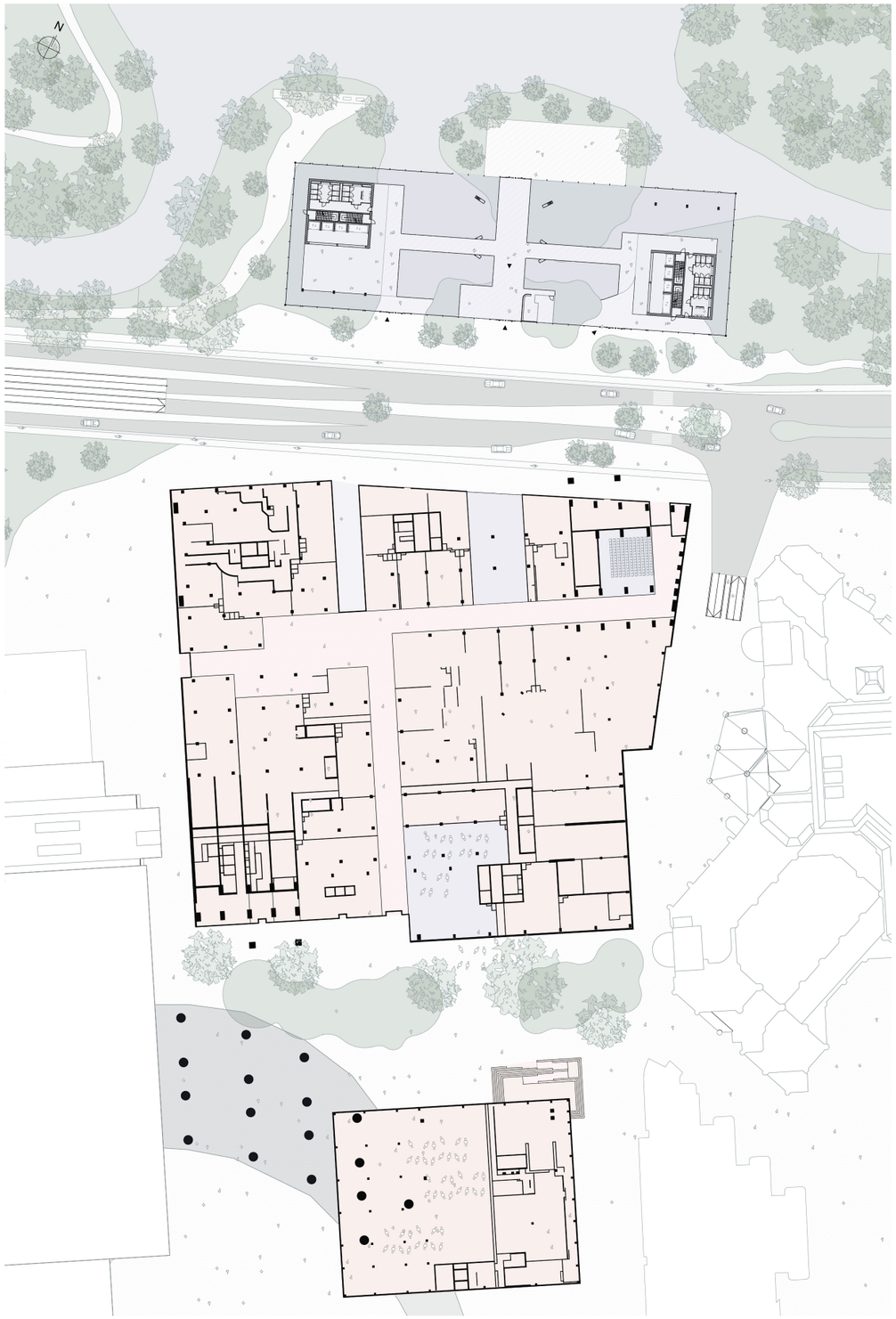
3. Architectural Design | Urban Impression



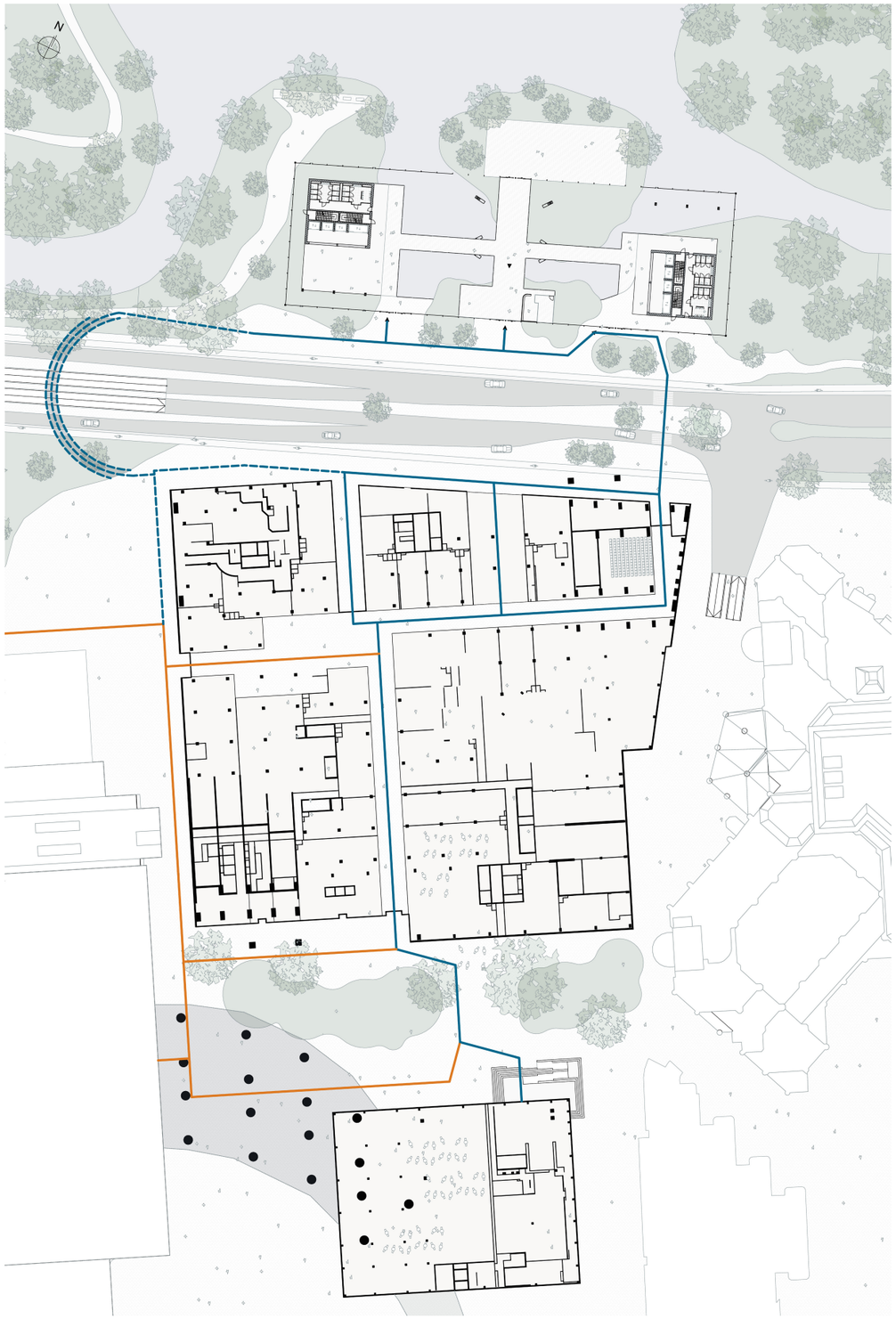
3. Architectural Design | Urban Floor plan



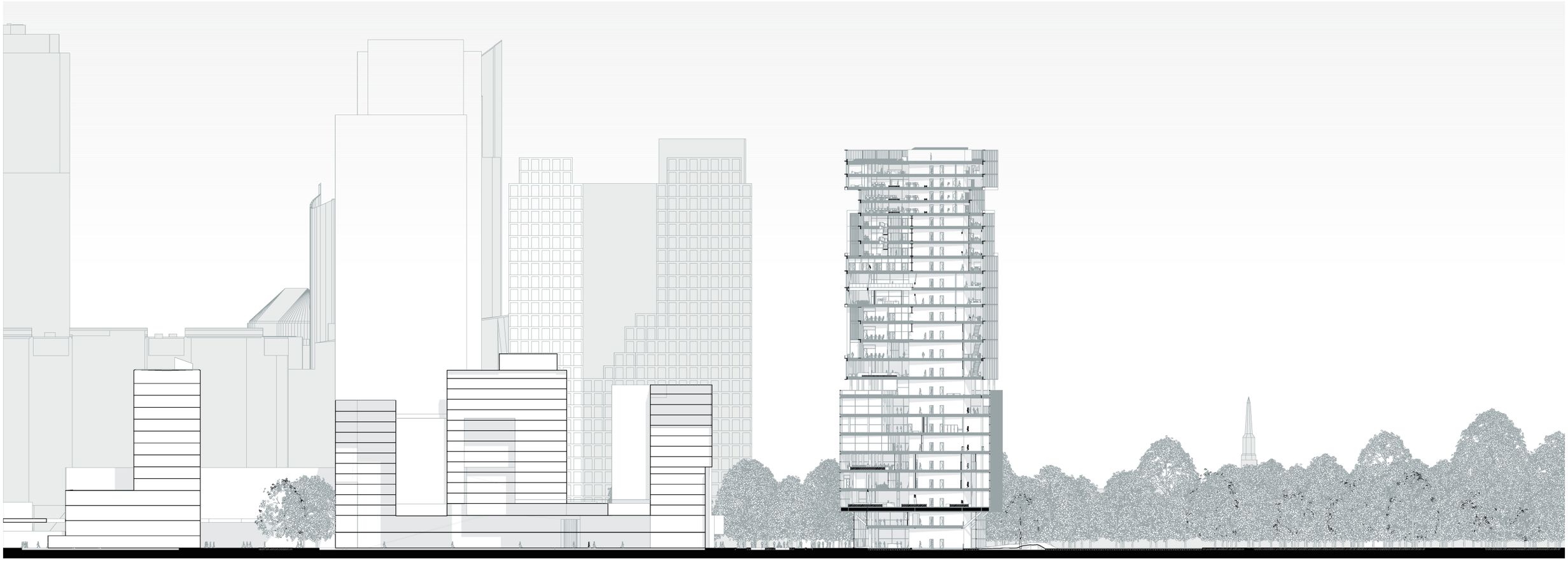
3. Architectural Design | Urban Floor plan - Existing & New



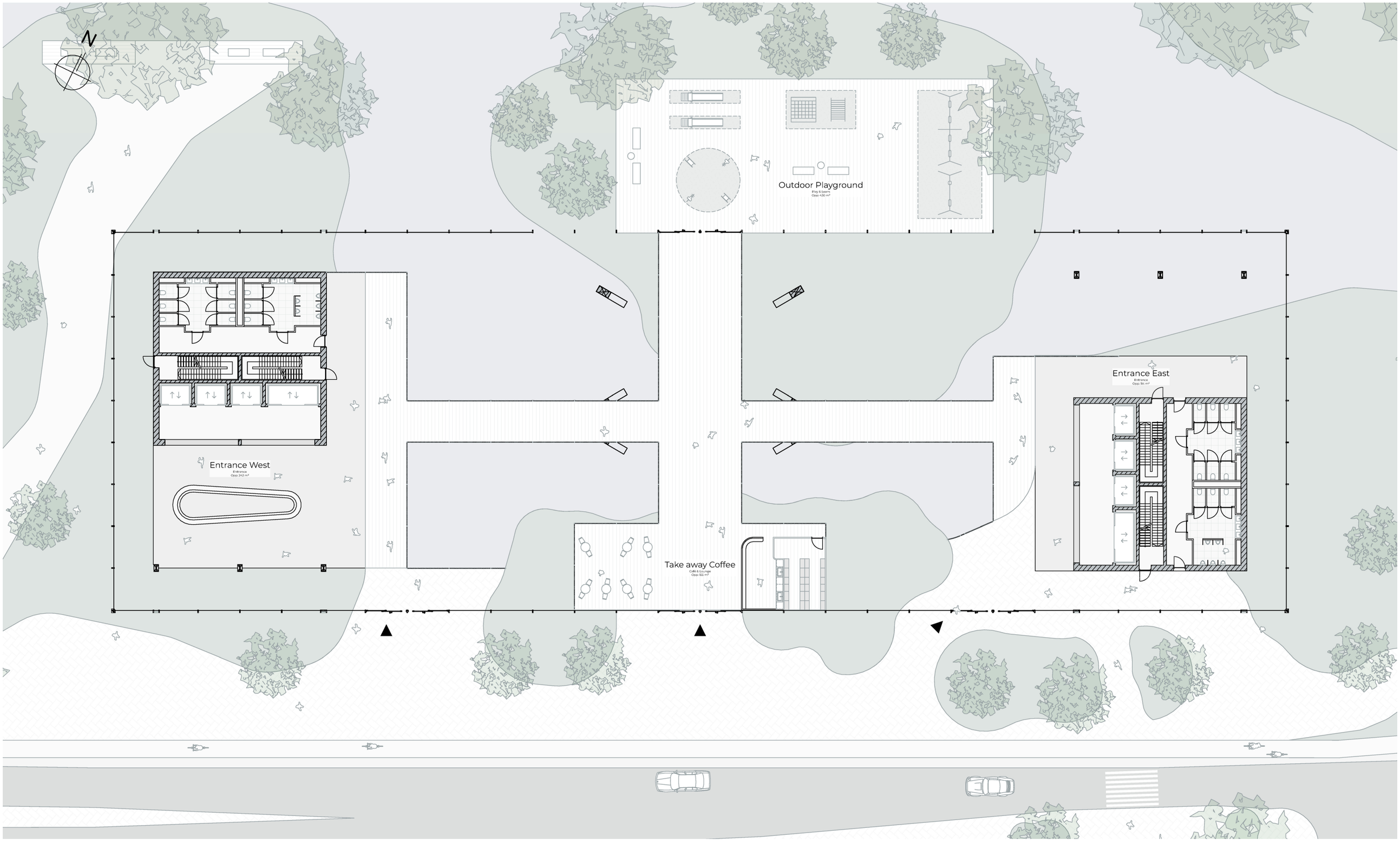
3. Architectural Design | Urban Floor plan - Routing

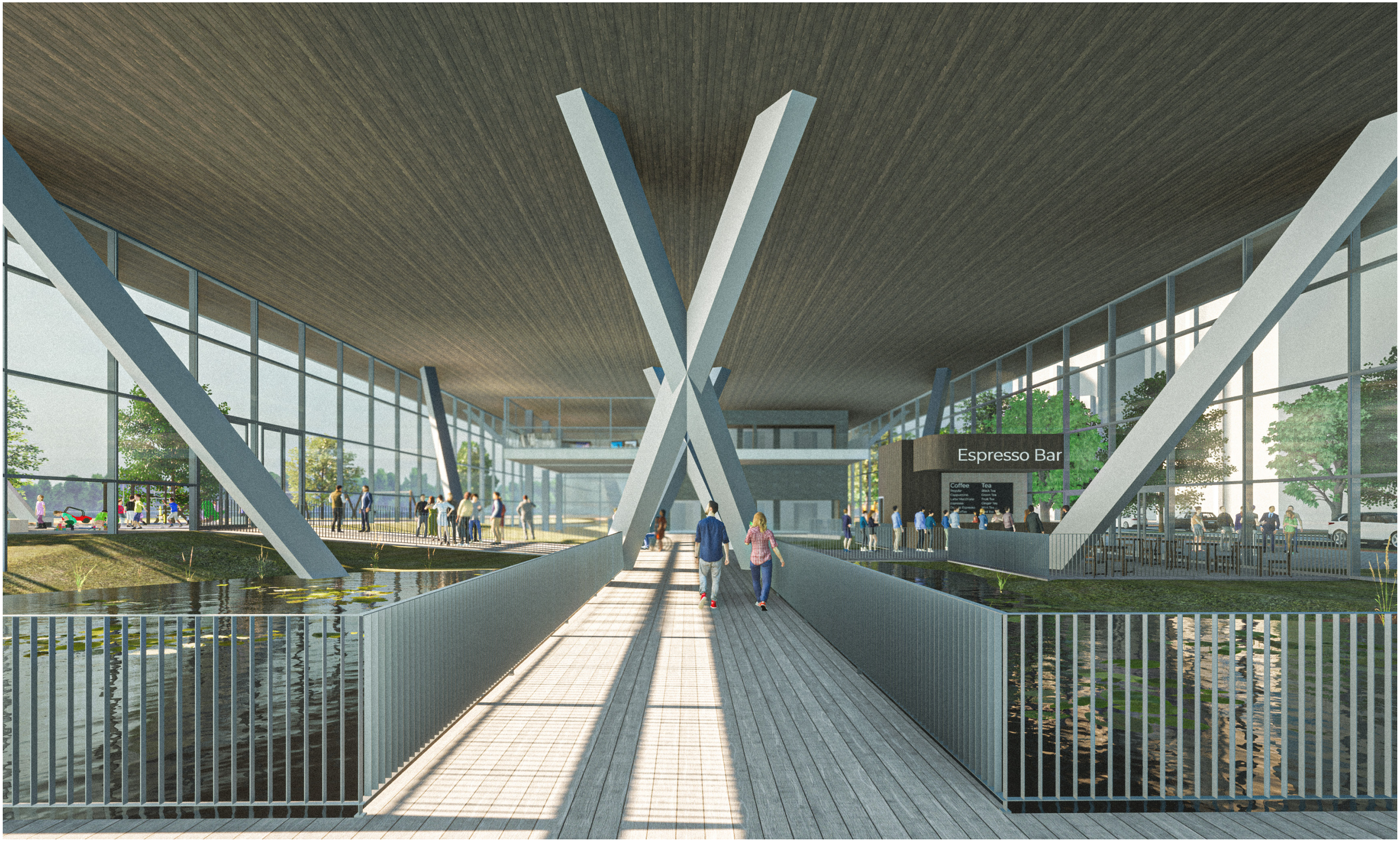


3. Architectural Design | Urban Section

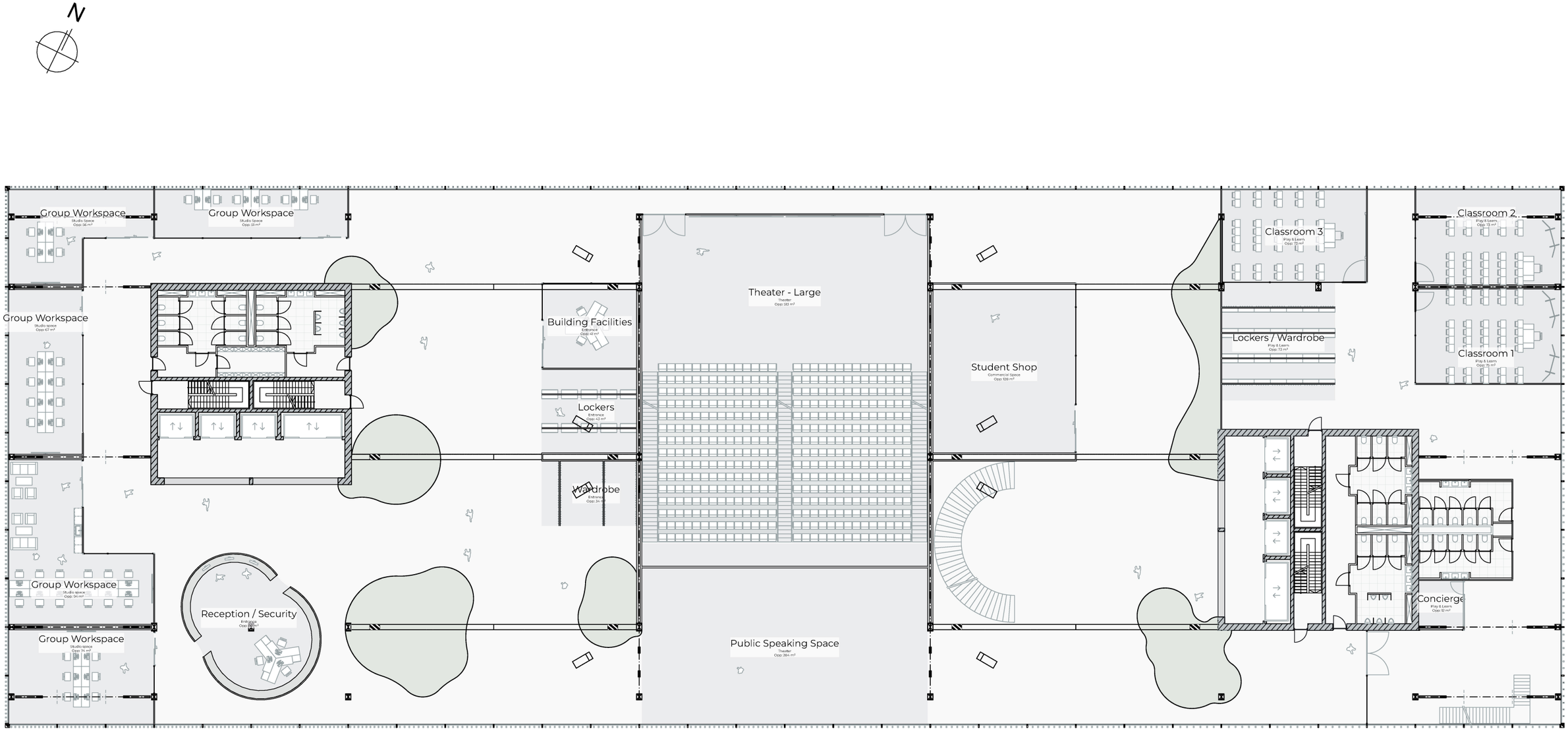


3. Architectural Design | Floor Plan - Ground Floor



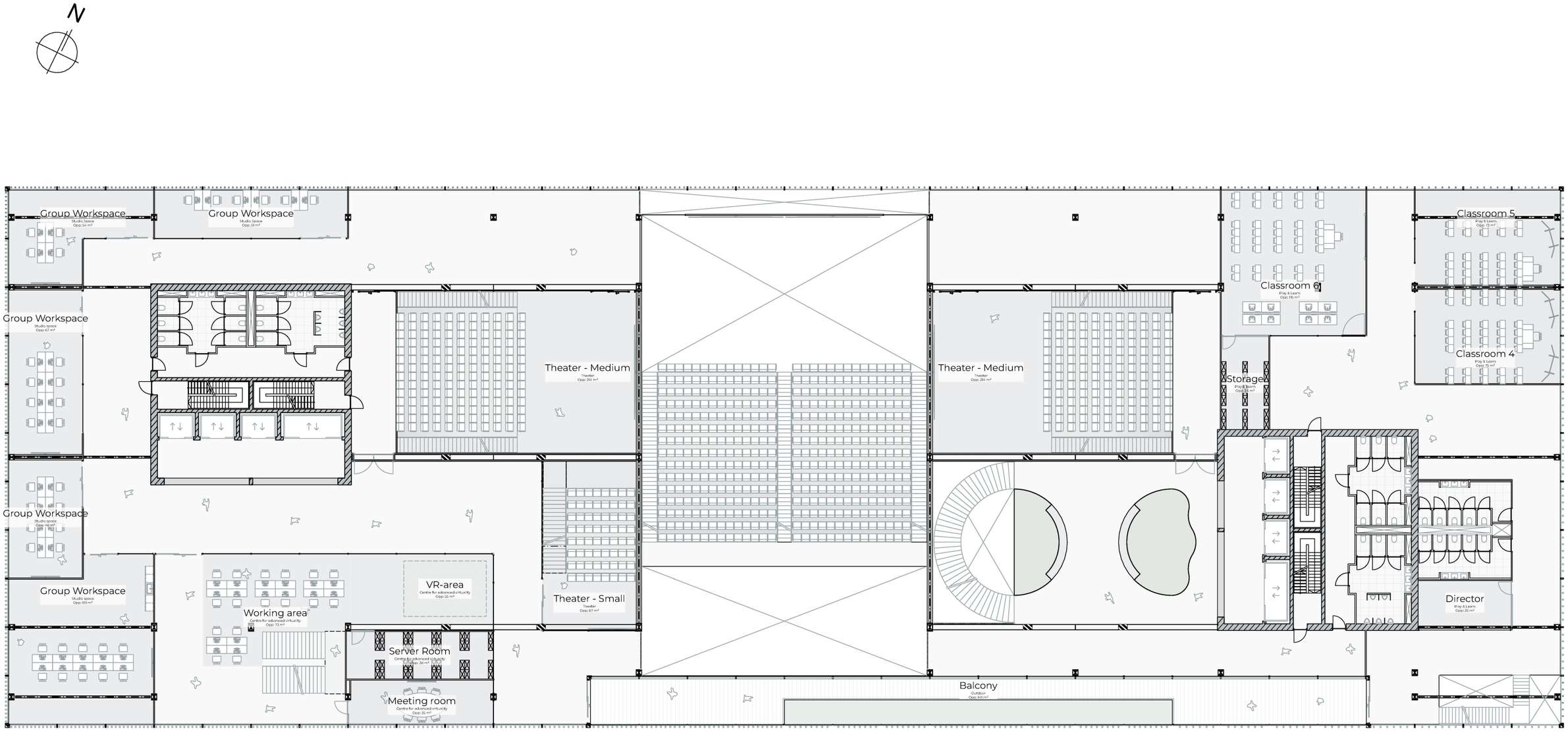

Espresso Bar
Coffee
Tea

3. Architectural Design | Floor Plan - 2nd Floor





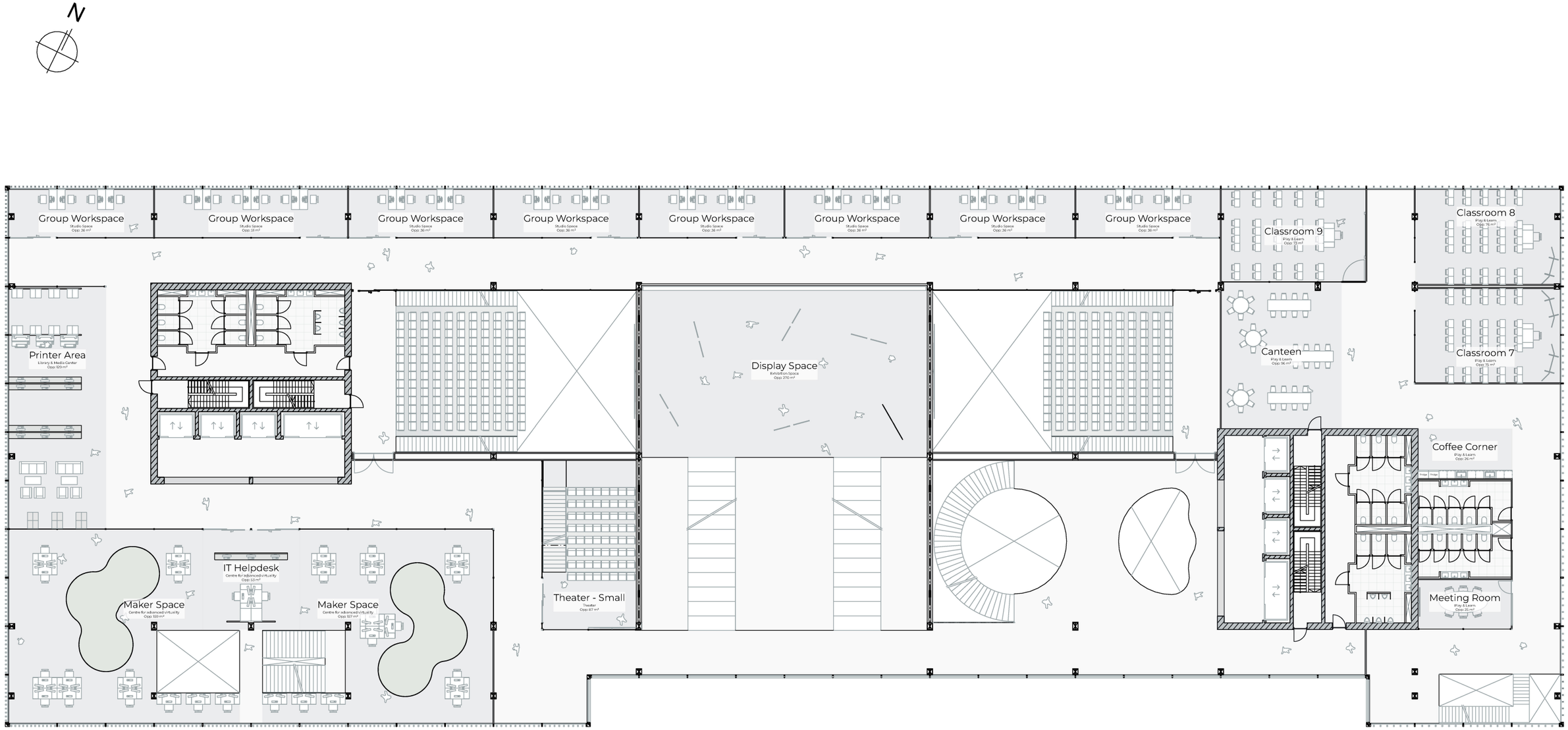
3. Architectural Design | Floor Plan - 3rd Floor



3. Architectural Design | Hallways that function as public meeting points



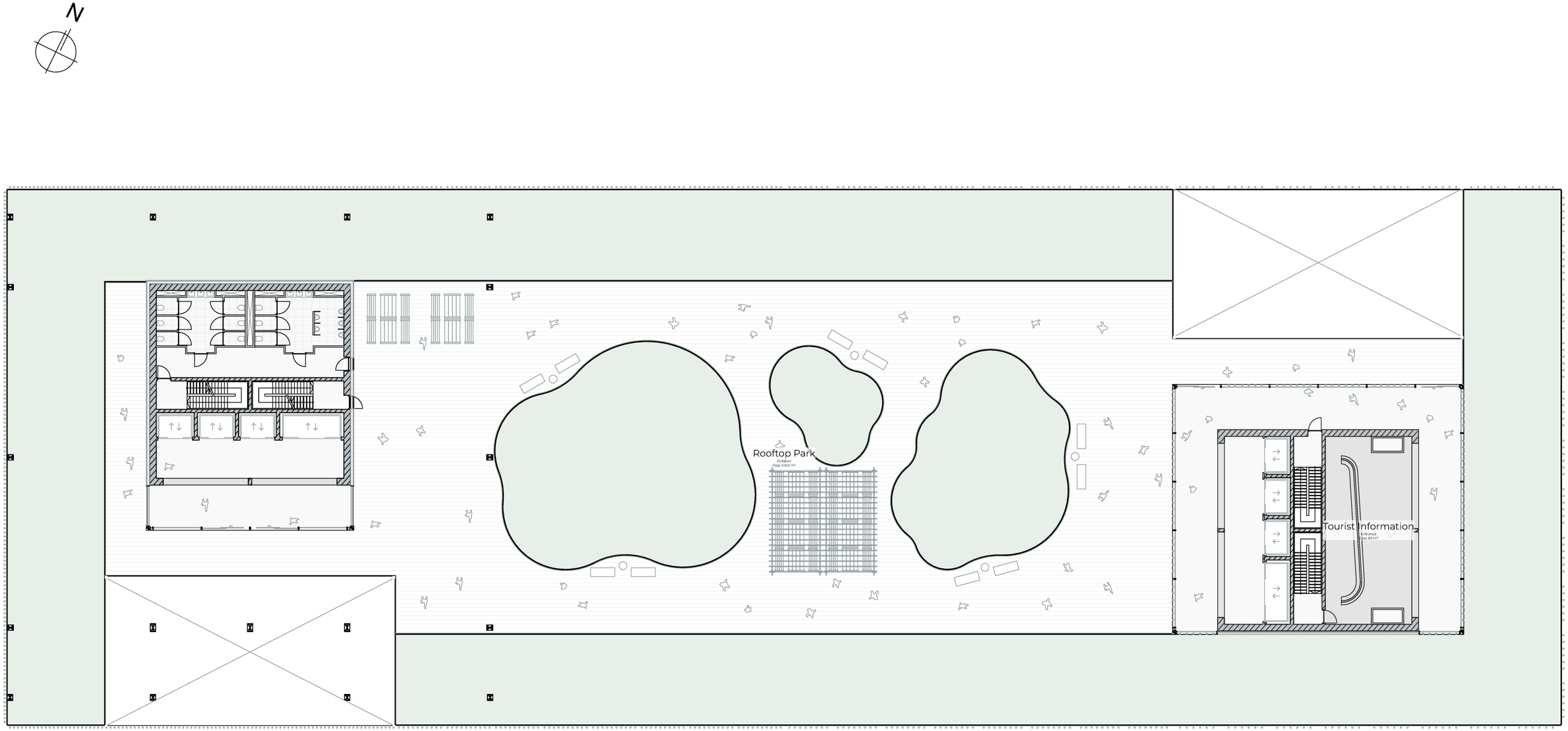
3. Architectural Design | Floor Plan - 4th Floor



3. Architectural Design | Exhibition space used for public activities



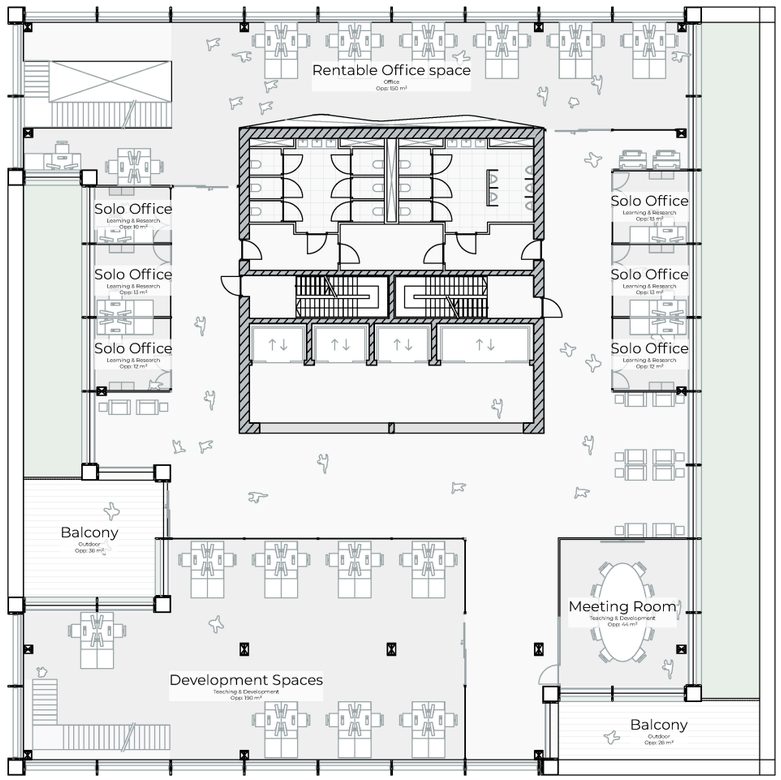
3. Architectural Design | Floor Plan - 8th Floor



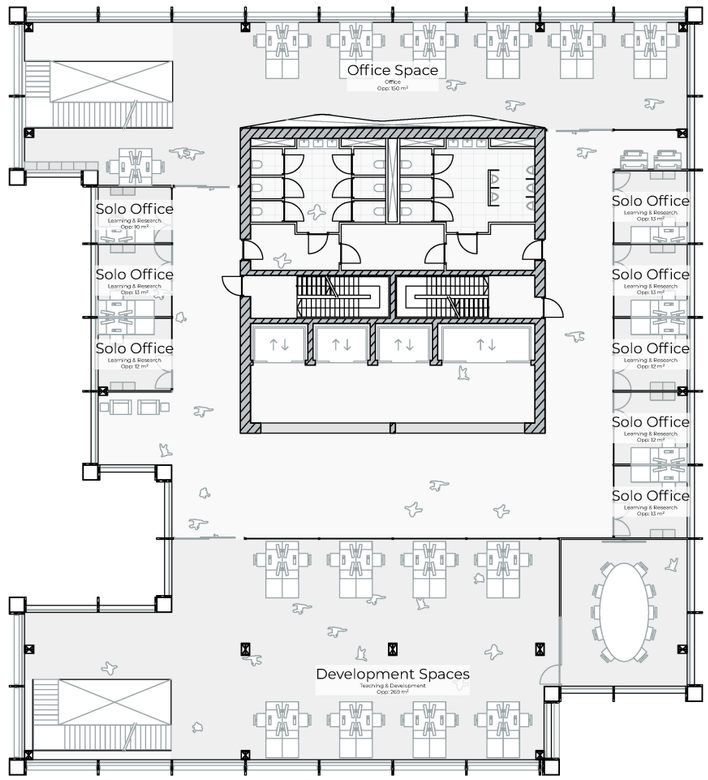
3. Architectural Design | View from the rooftop park towards the tower



3. Architectural Design | Floor Plan - 10th Floor & 11th Floor



10th Floor

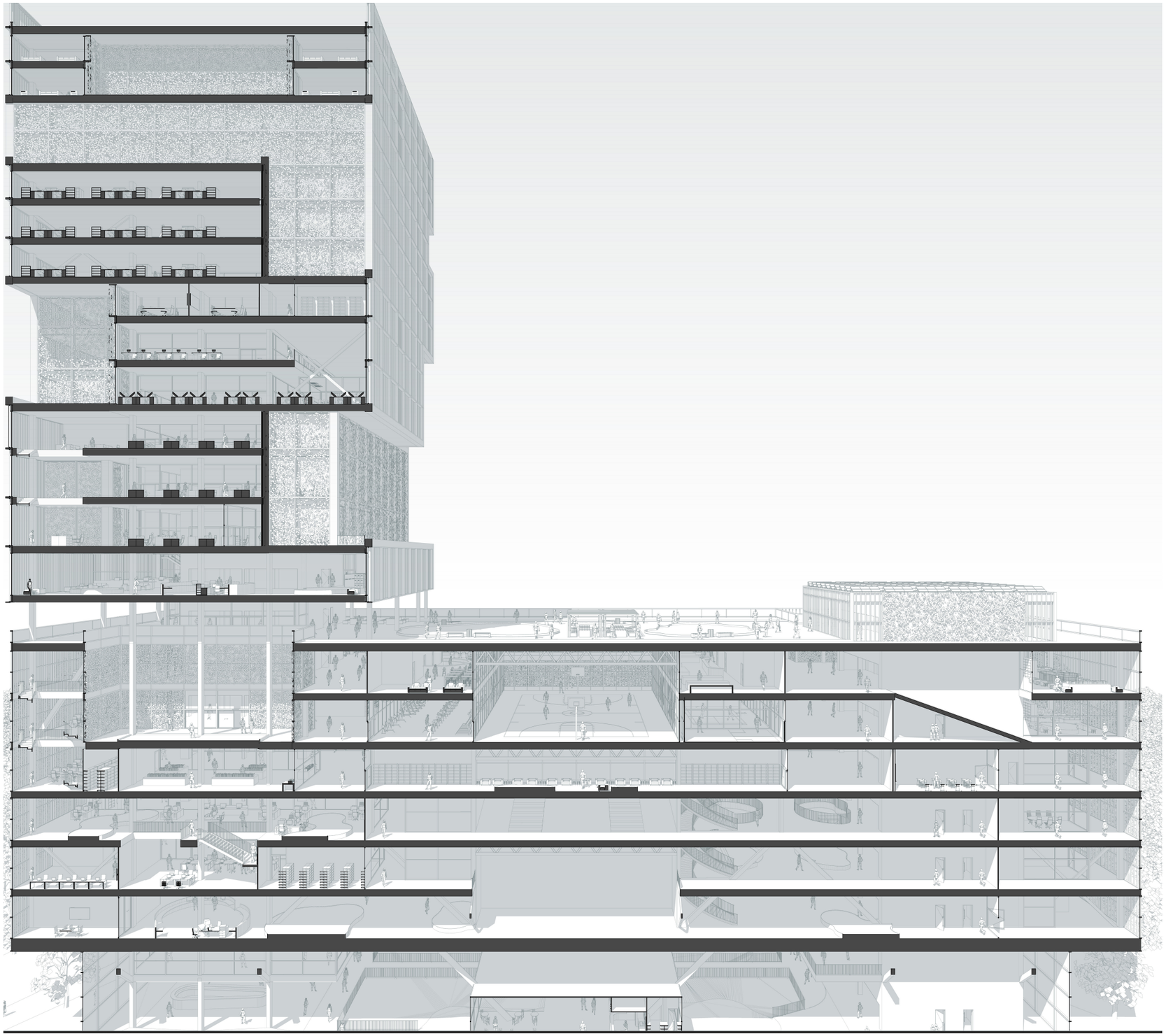


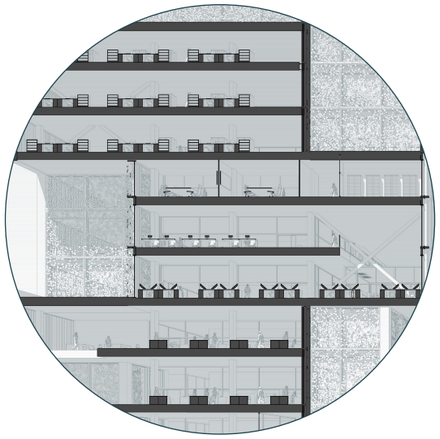
11th Floor

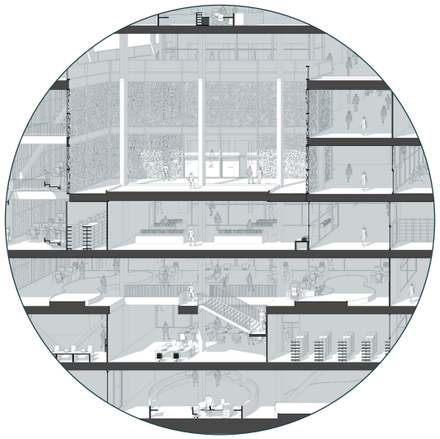
3. Architectural Design | Hybridity between the different building materials

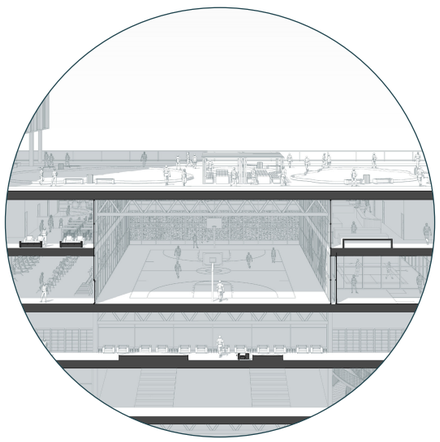


3. Architectural Design | Perspective section - Lengthwise

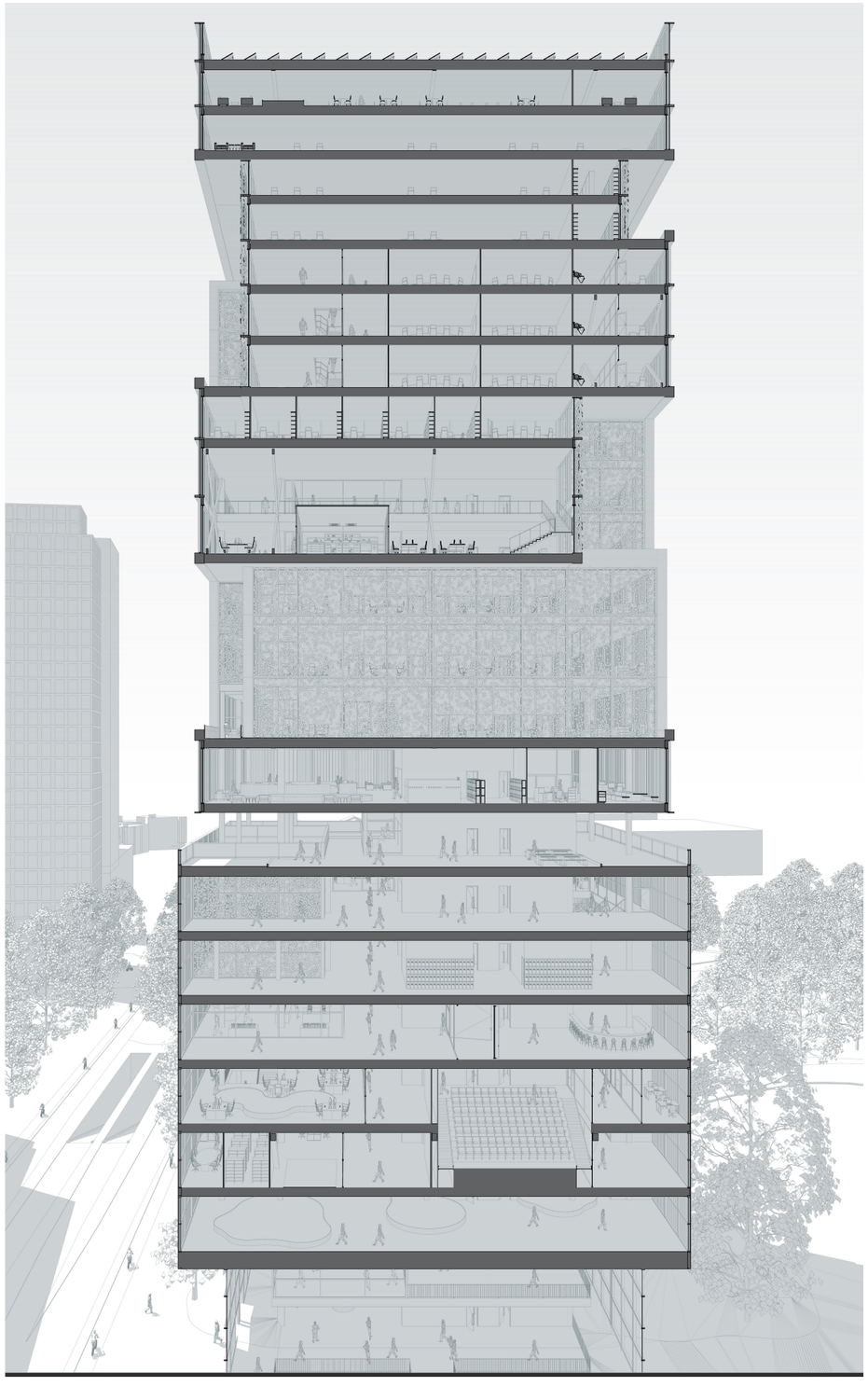


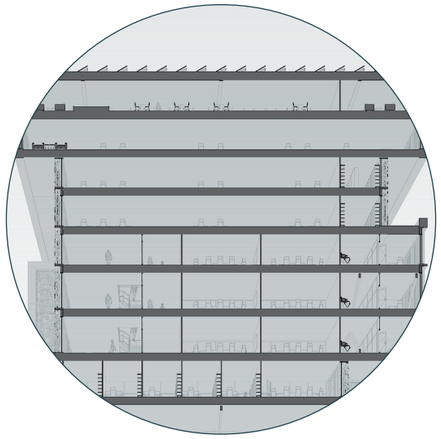


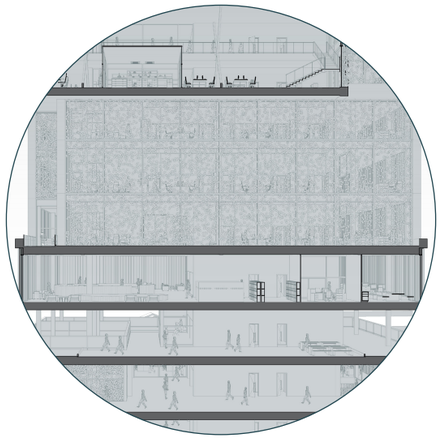


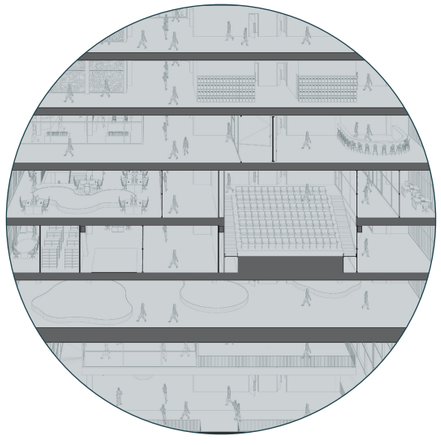


3. Architectural Design | Perspective section - Widthwise







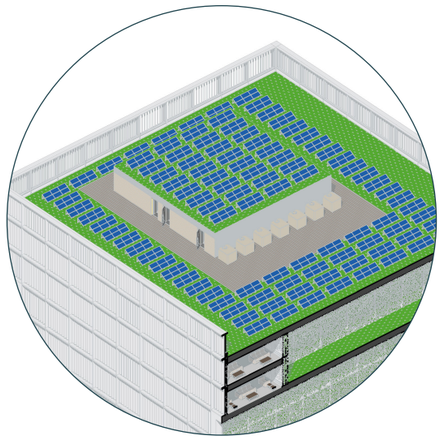


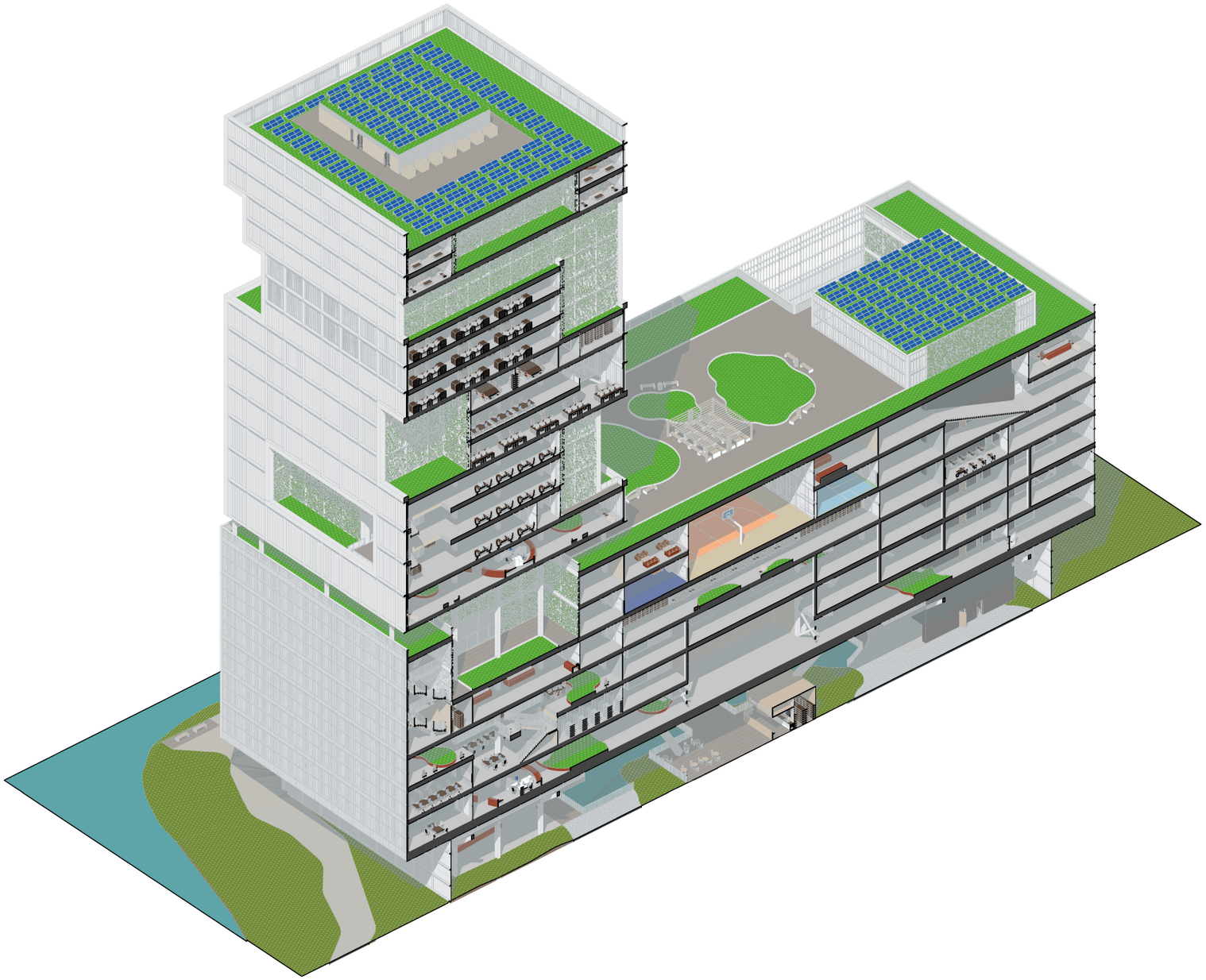
3. Architectural Design | Elevation - Looking towards the east

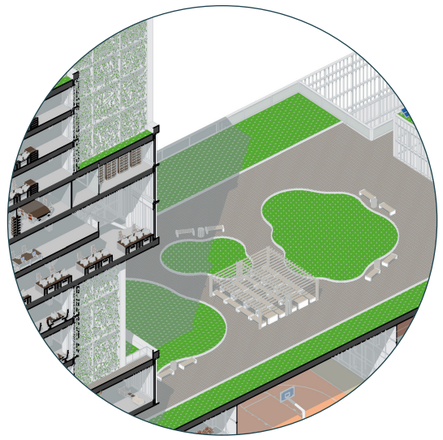


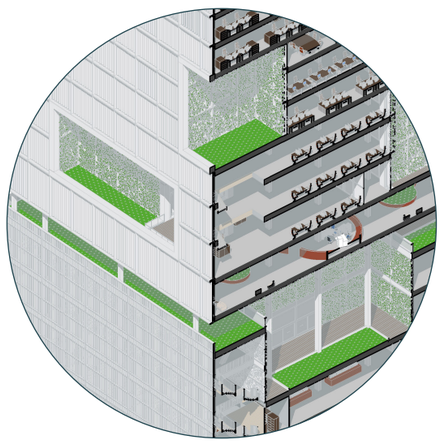
3. Architectural Design | Elevation Impression - Looking towards the south

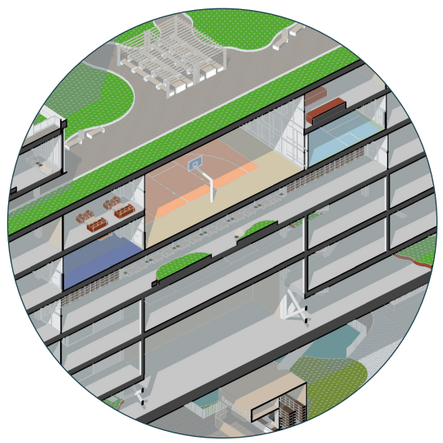




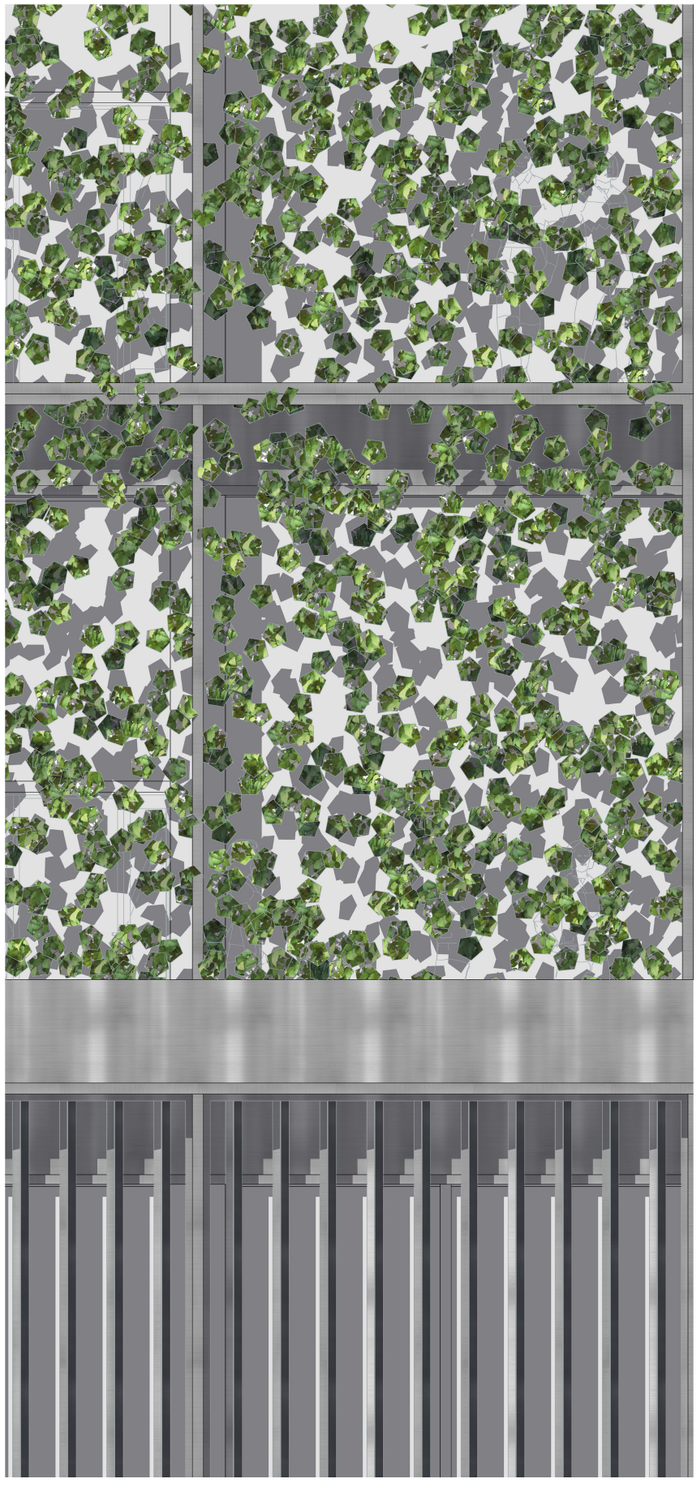






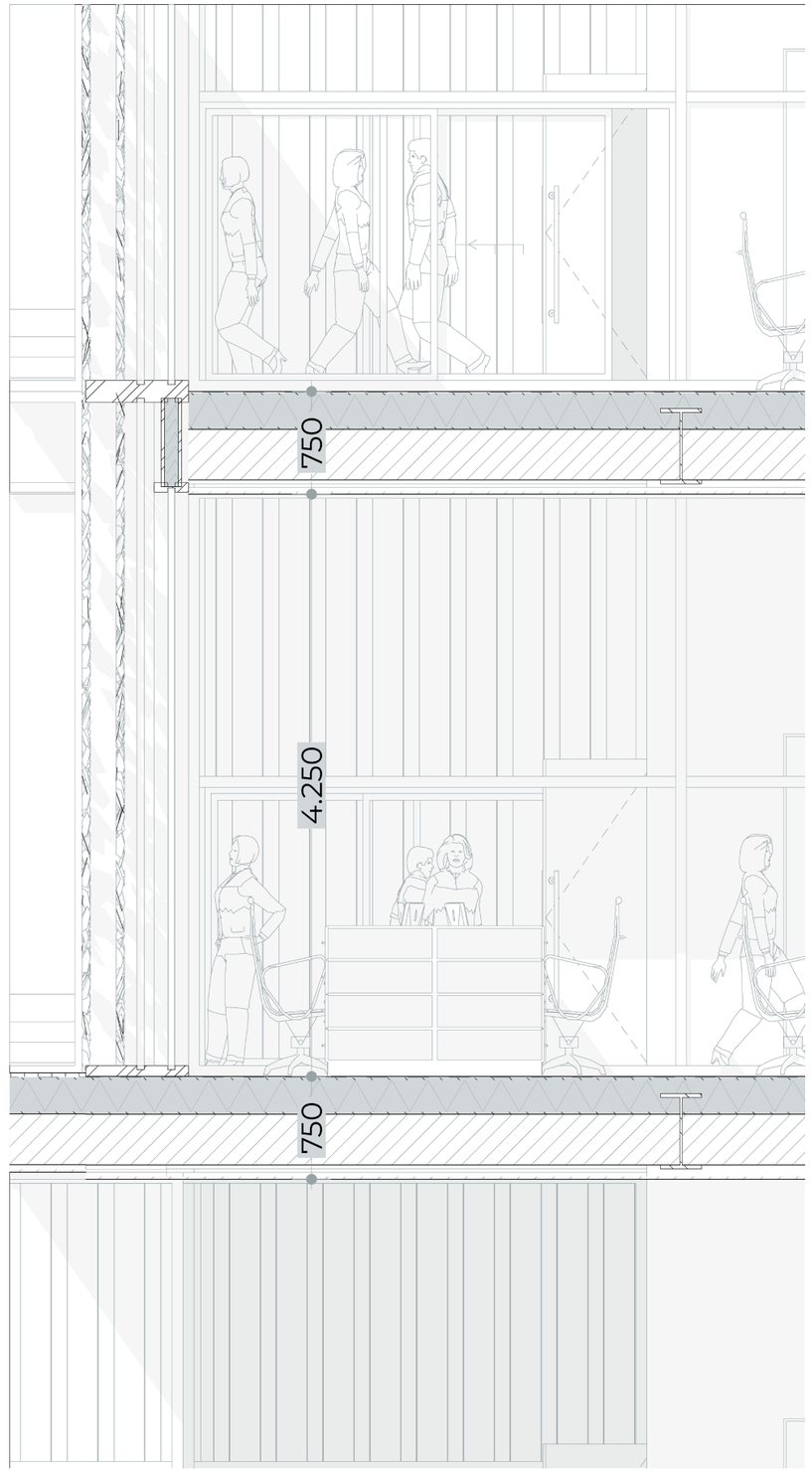


4. Technical Design | Fragment elevation & section

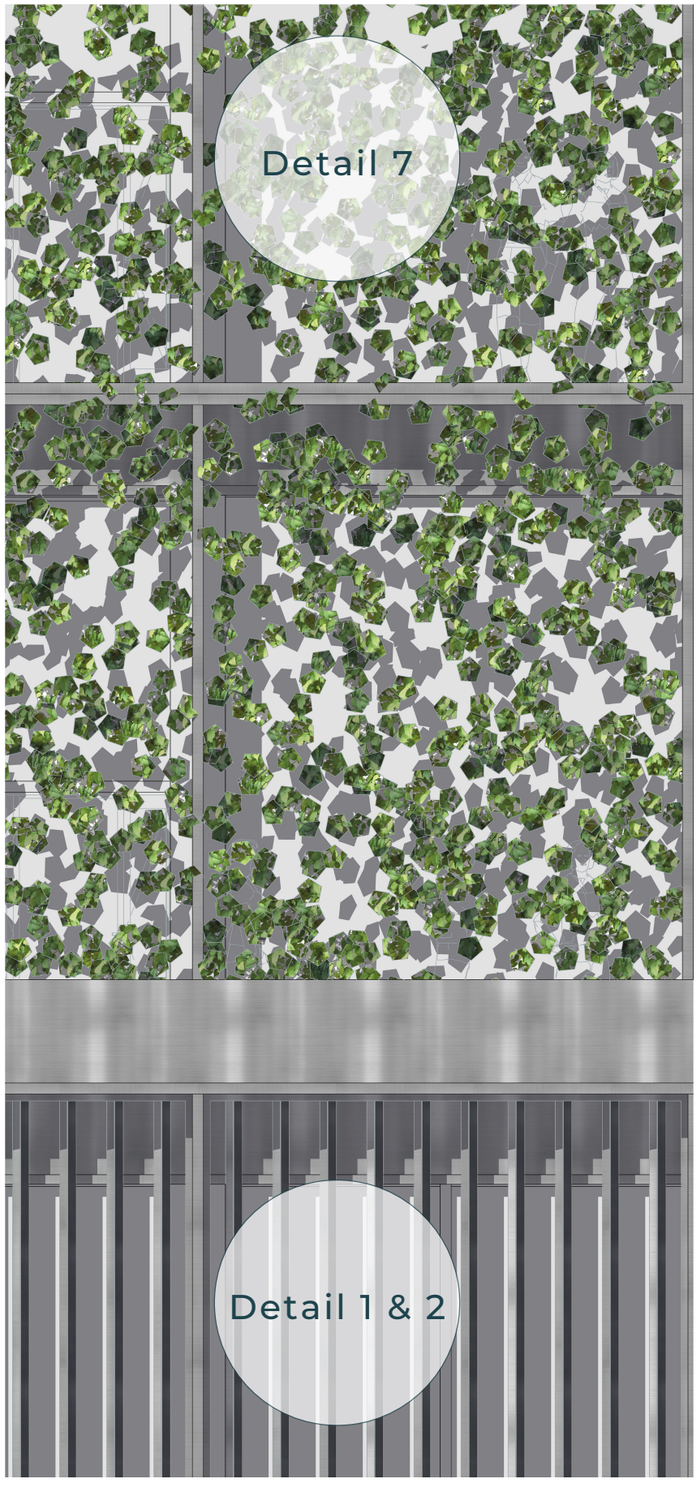


+56.000
11th Floor

+51.000
10th Floor

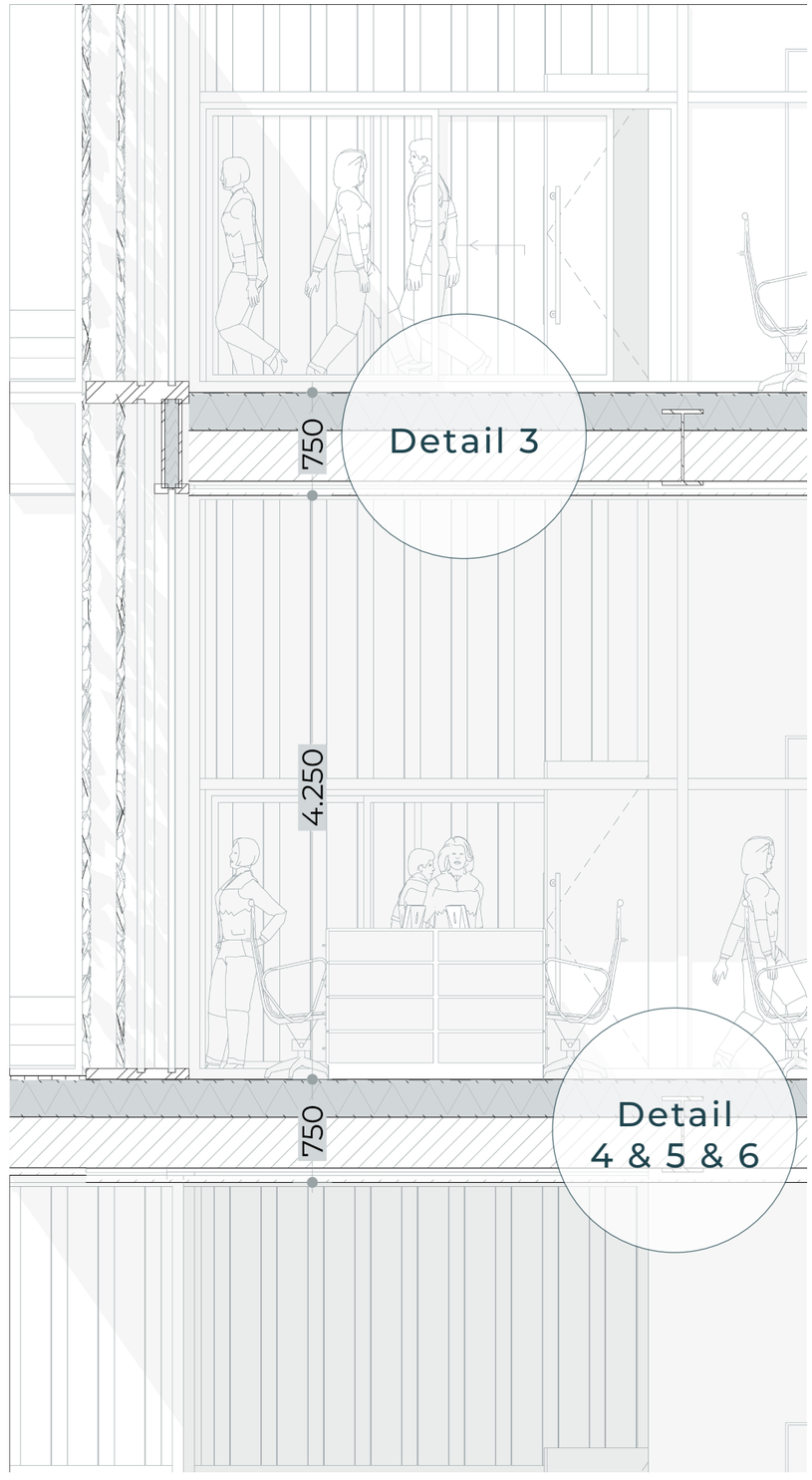


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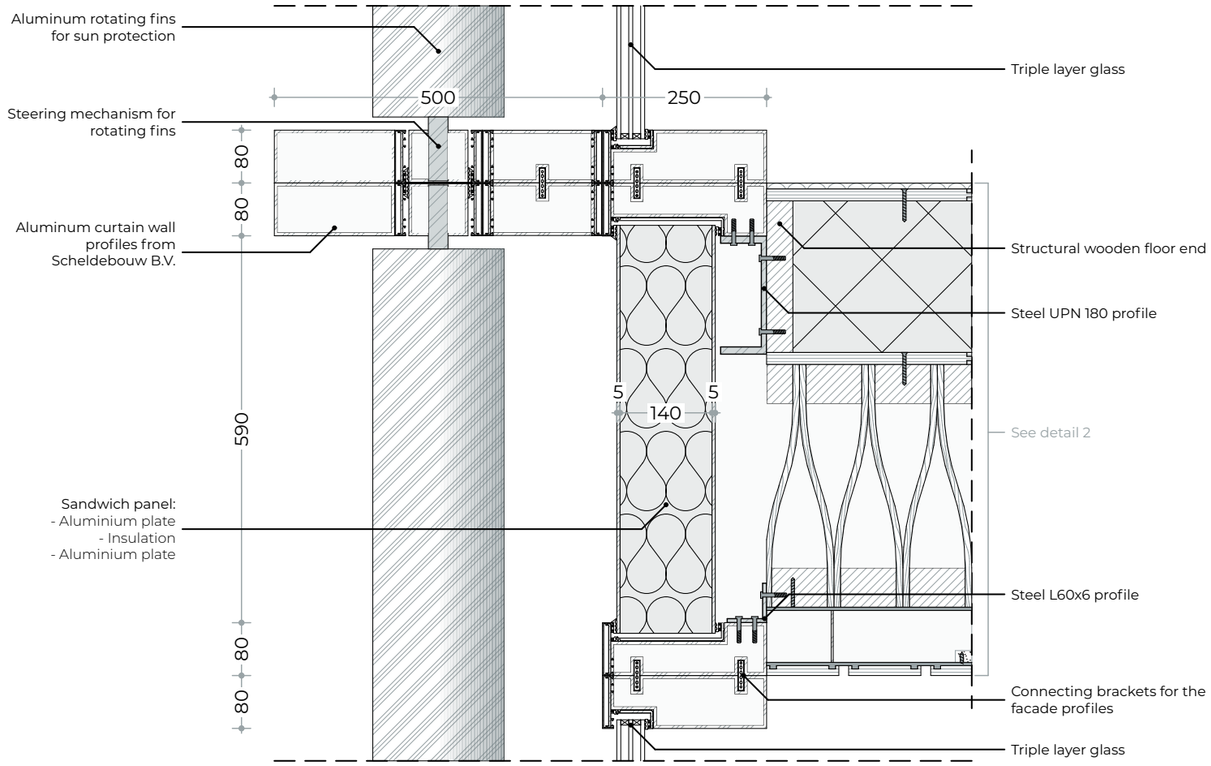


+56.000
11th Floor

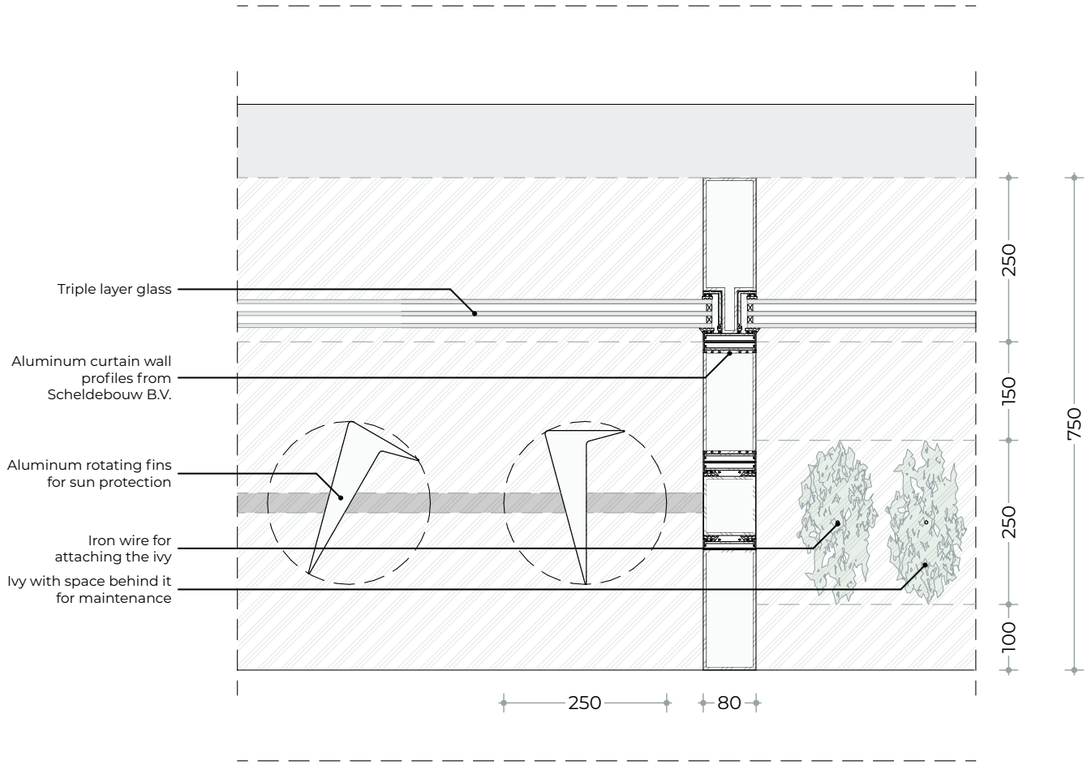
+51.000
10th Floor



4. Technical Design | Detail 1 & 2

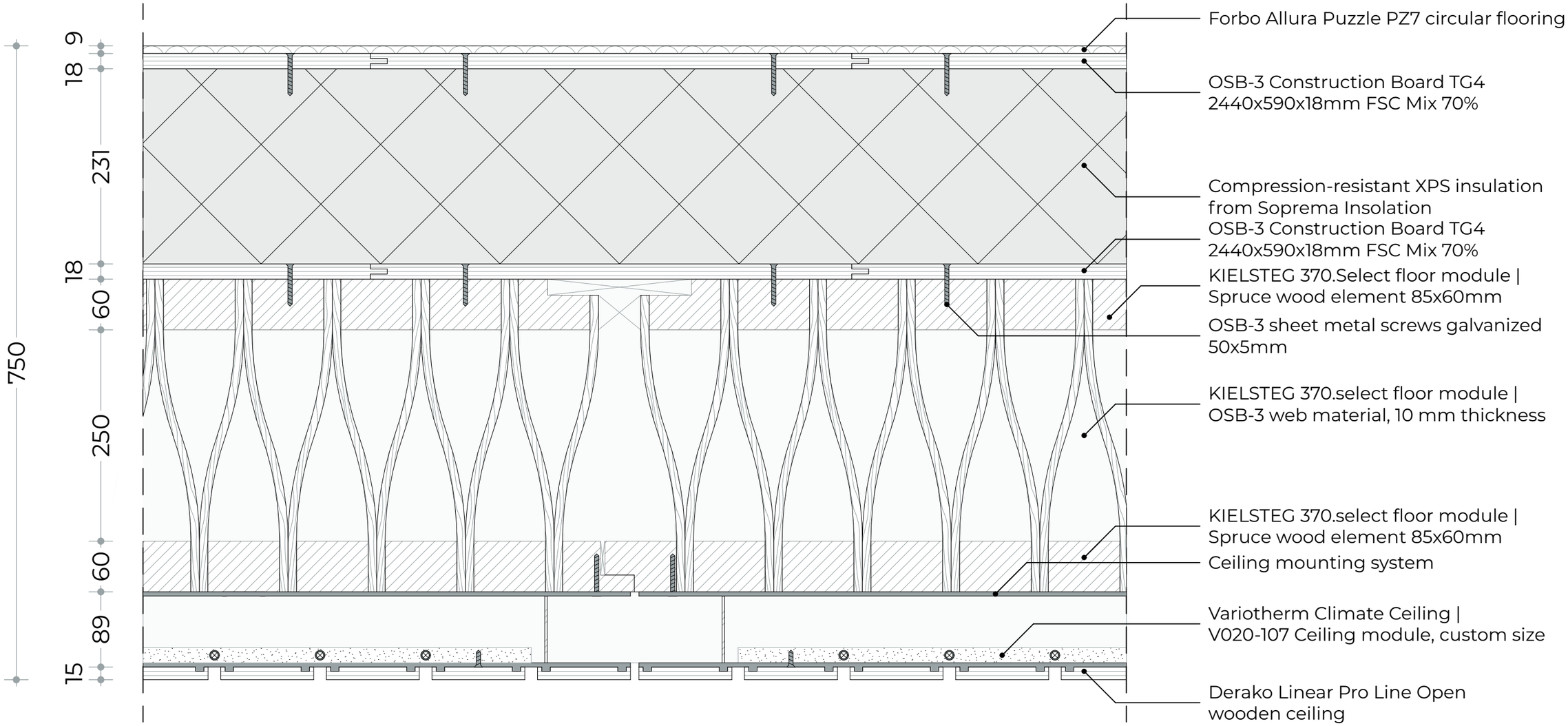


Façade detail - Vertical | 1 : 10



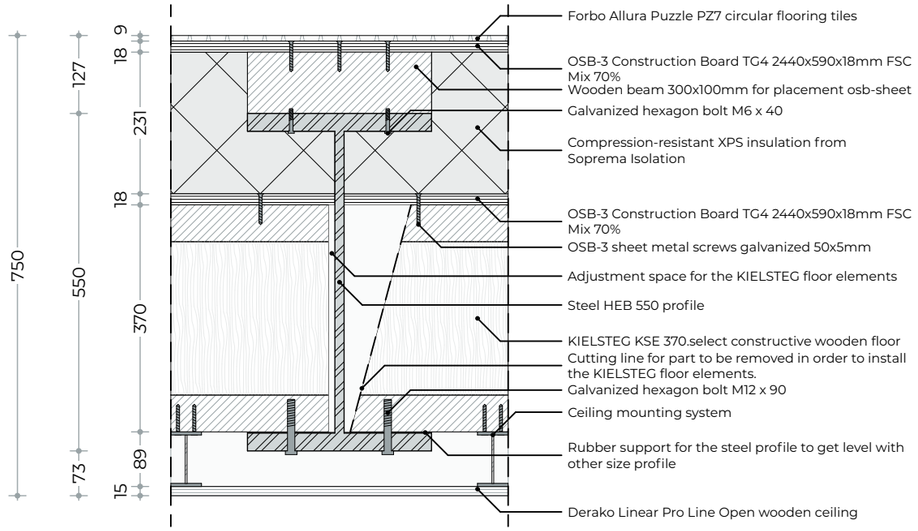
Façade detail - Horizontal | 1 : 10

4. Technical Design | Detail 3

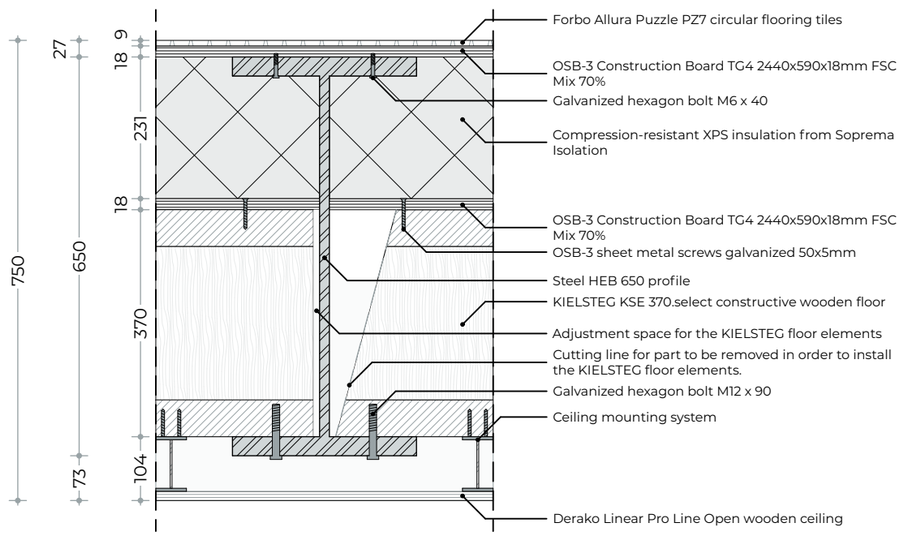


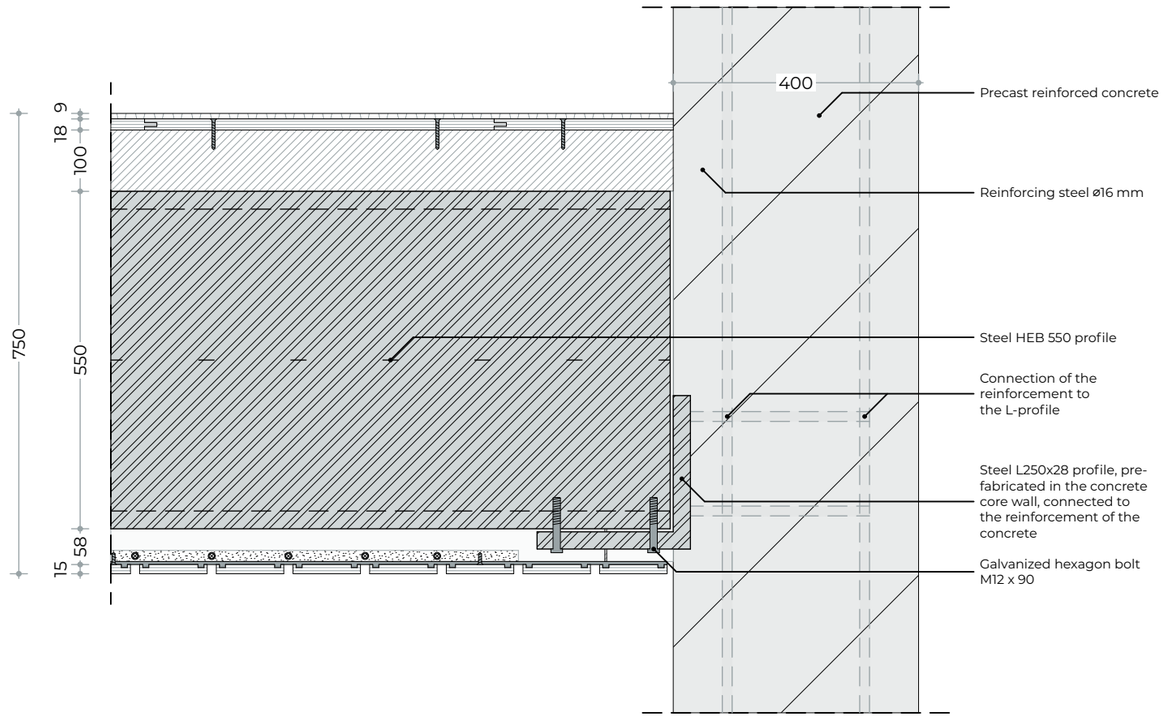
Floor detail | 1 : 5

4. Technical Design | Detail 4, 5 & 6



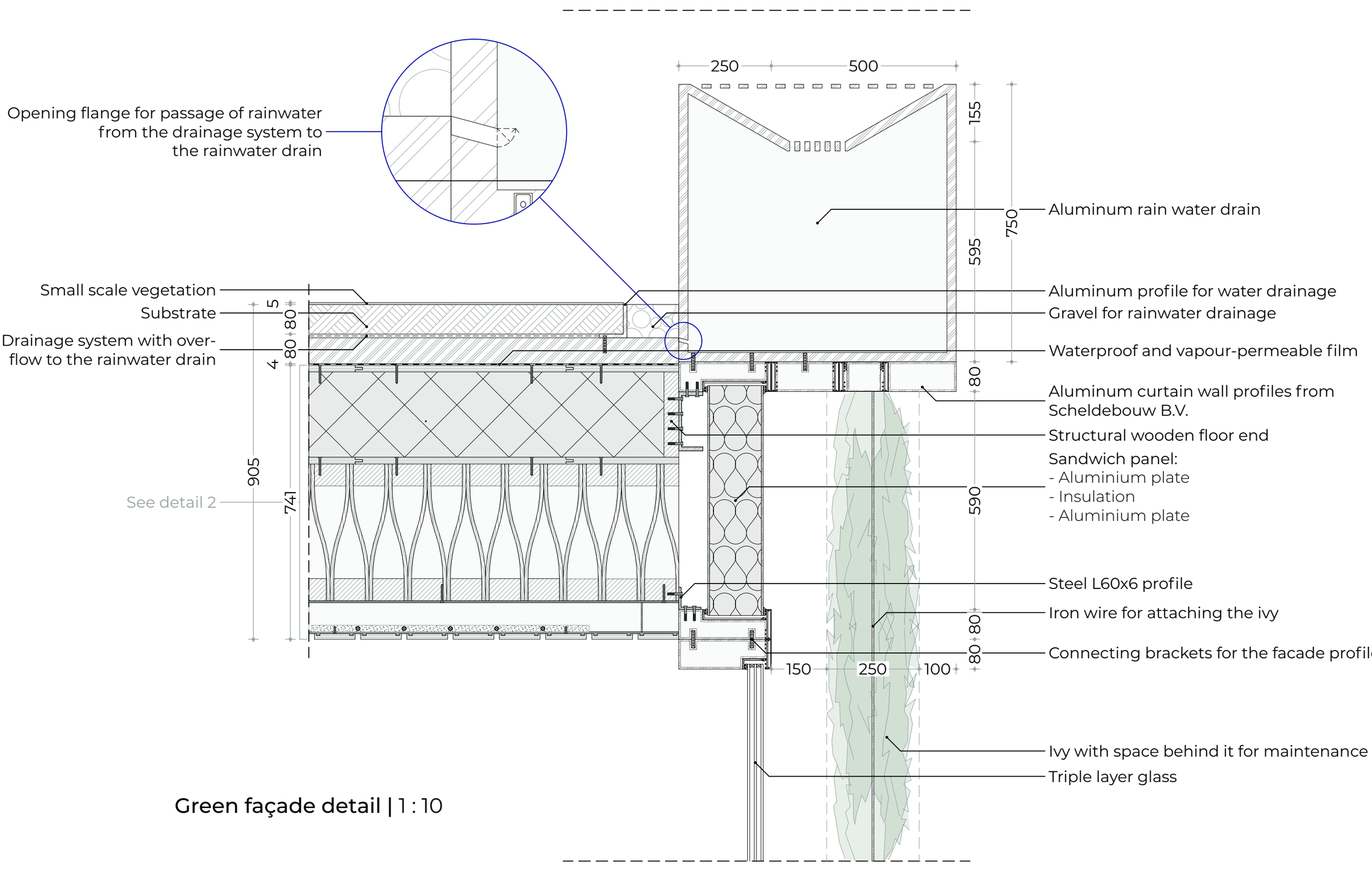
Floor construction detail | 1 : 10





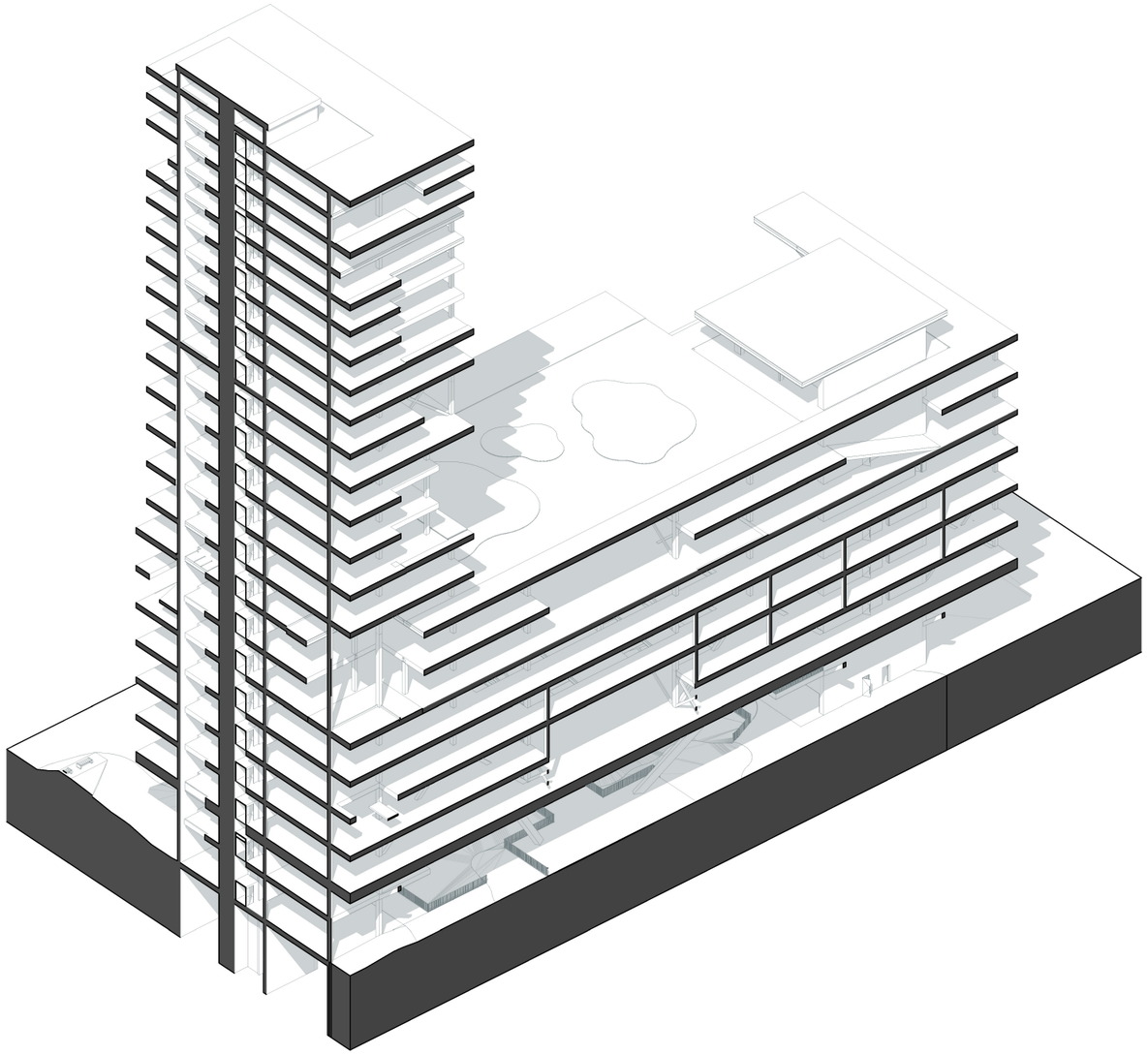
Floor connection to core detail | 1 : 10

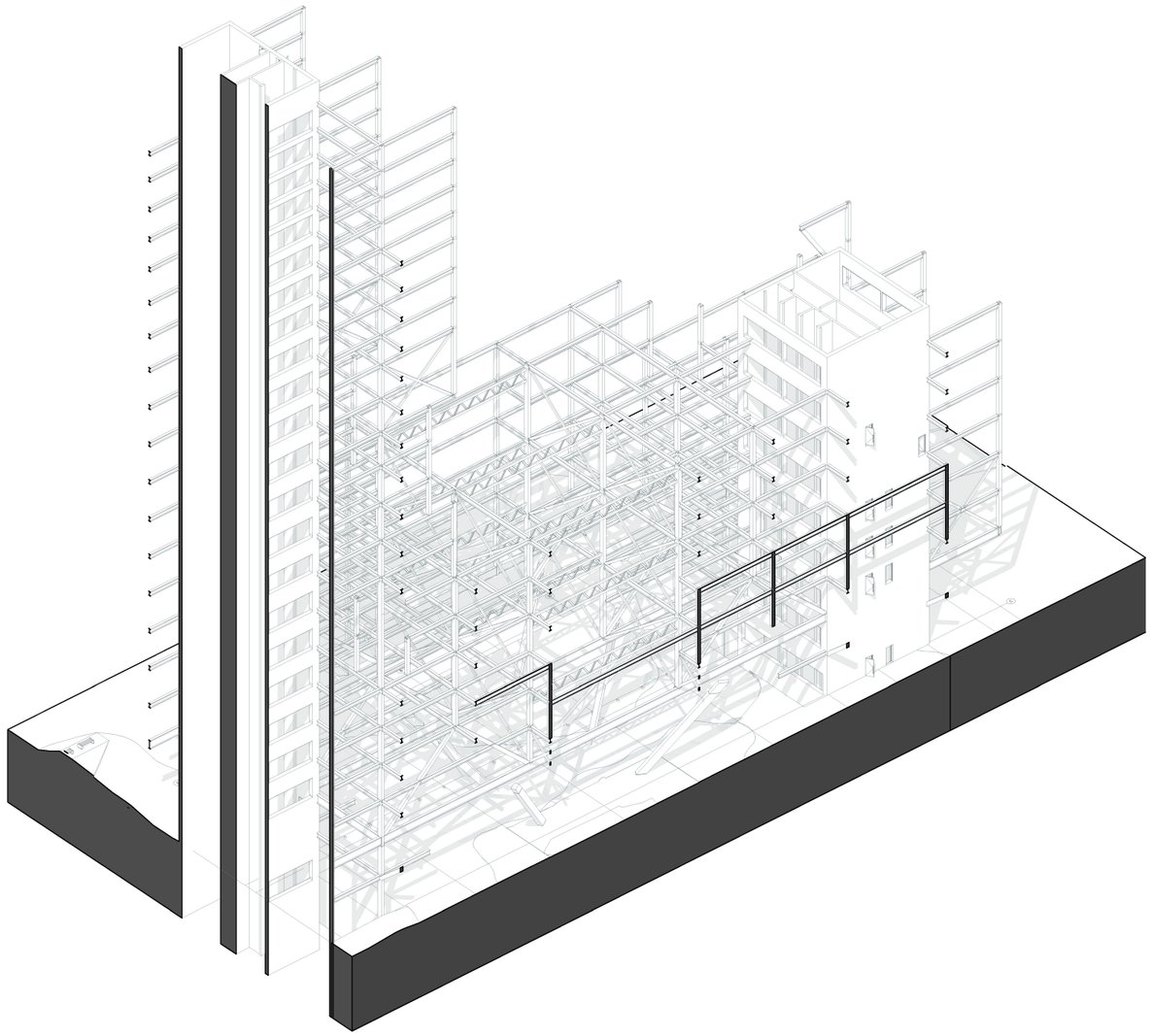
4. Technical Design | Detail 7



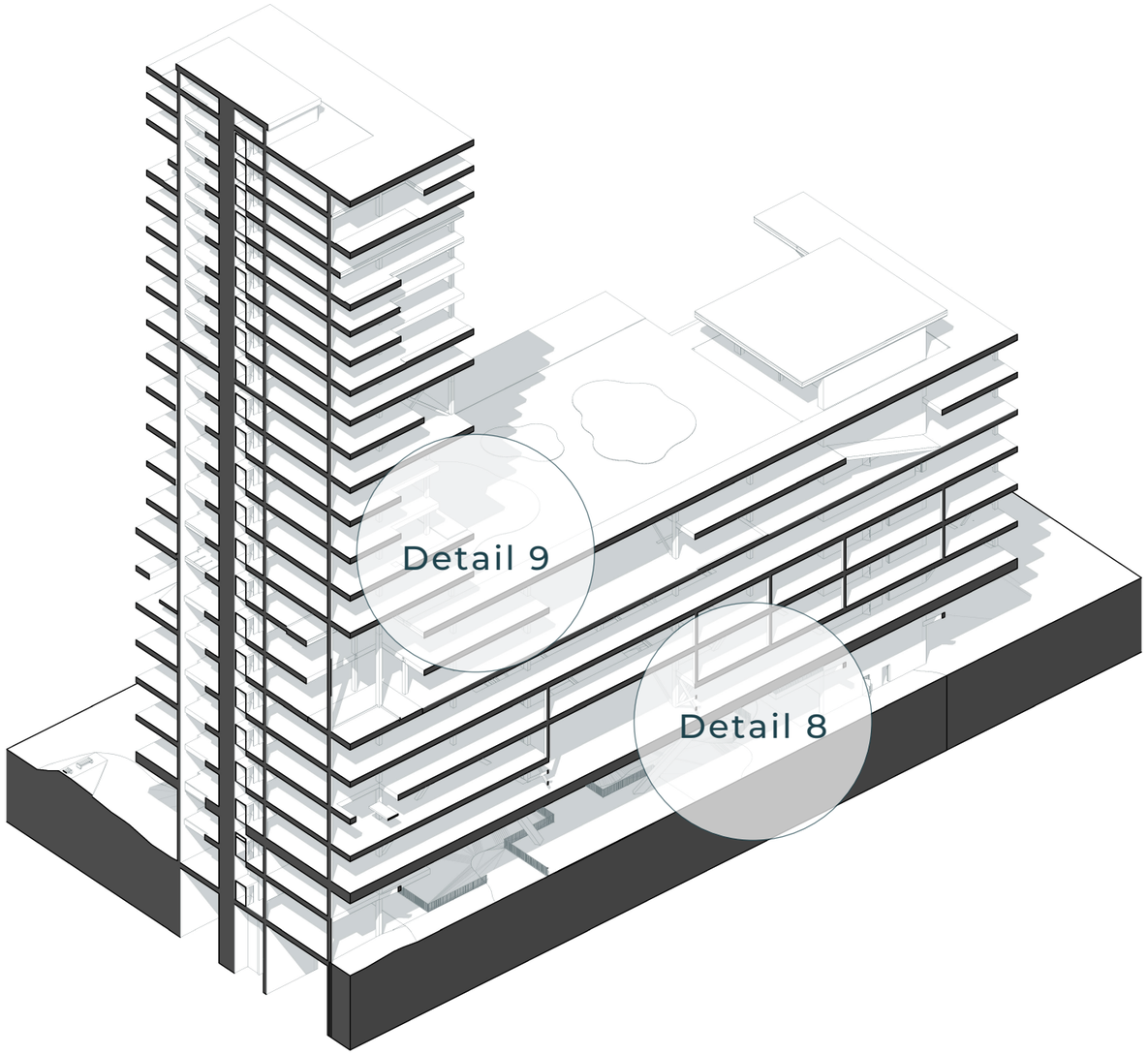
Green façade detail | 1 : 10

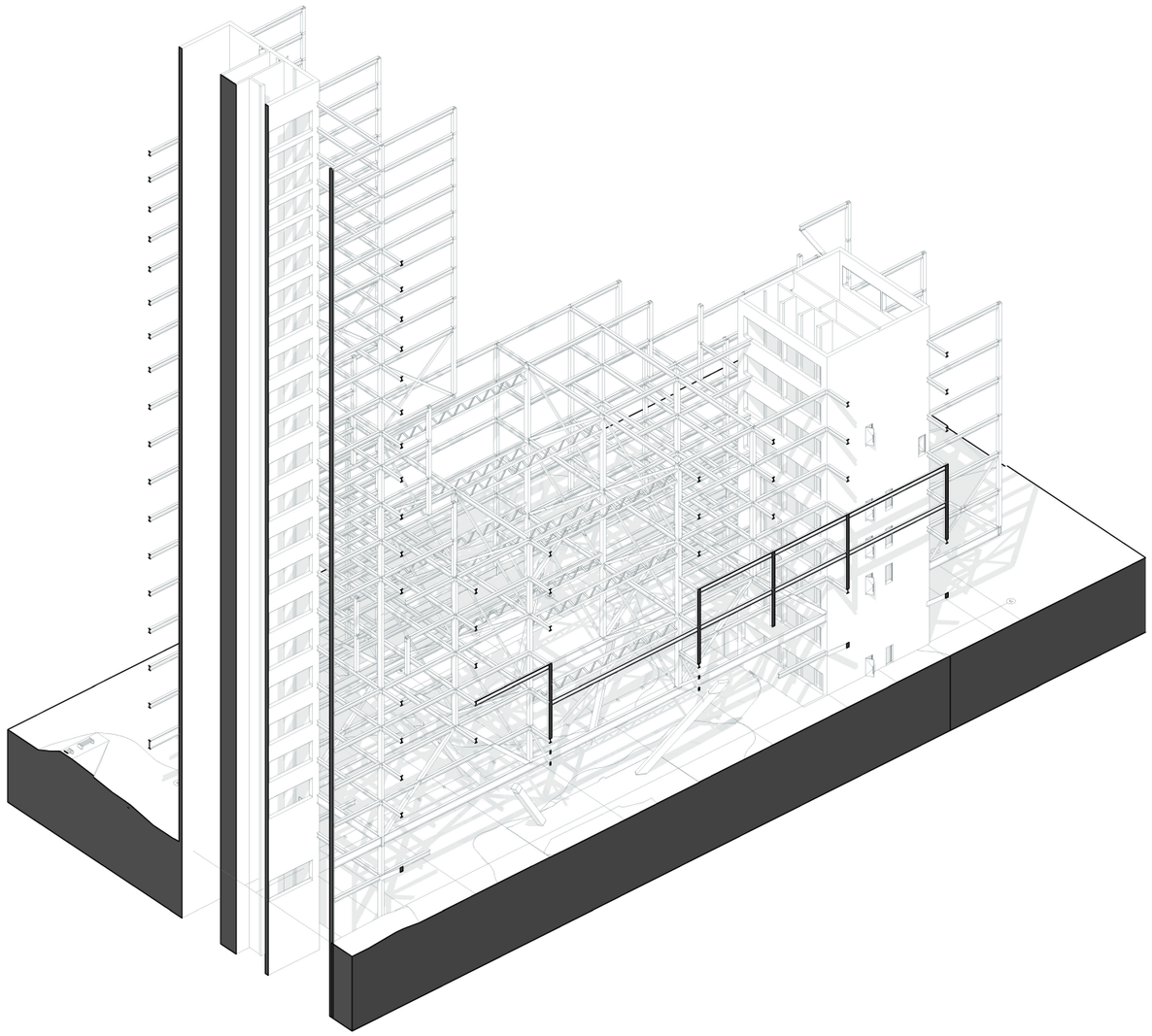
4. Technical Design | Axonometric section of the structure



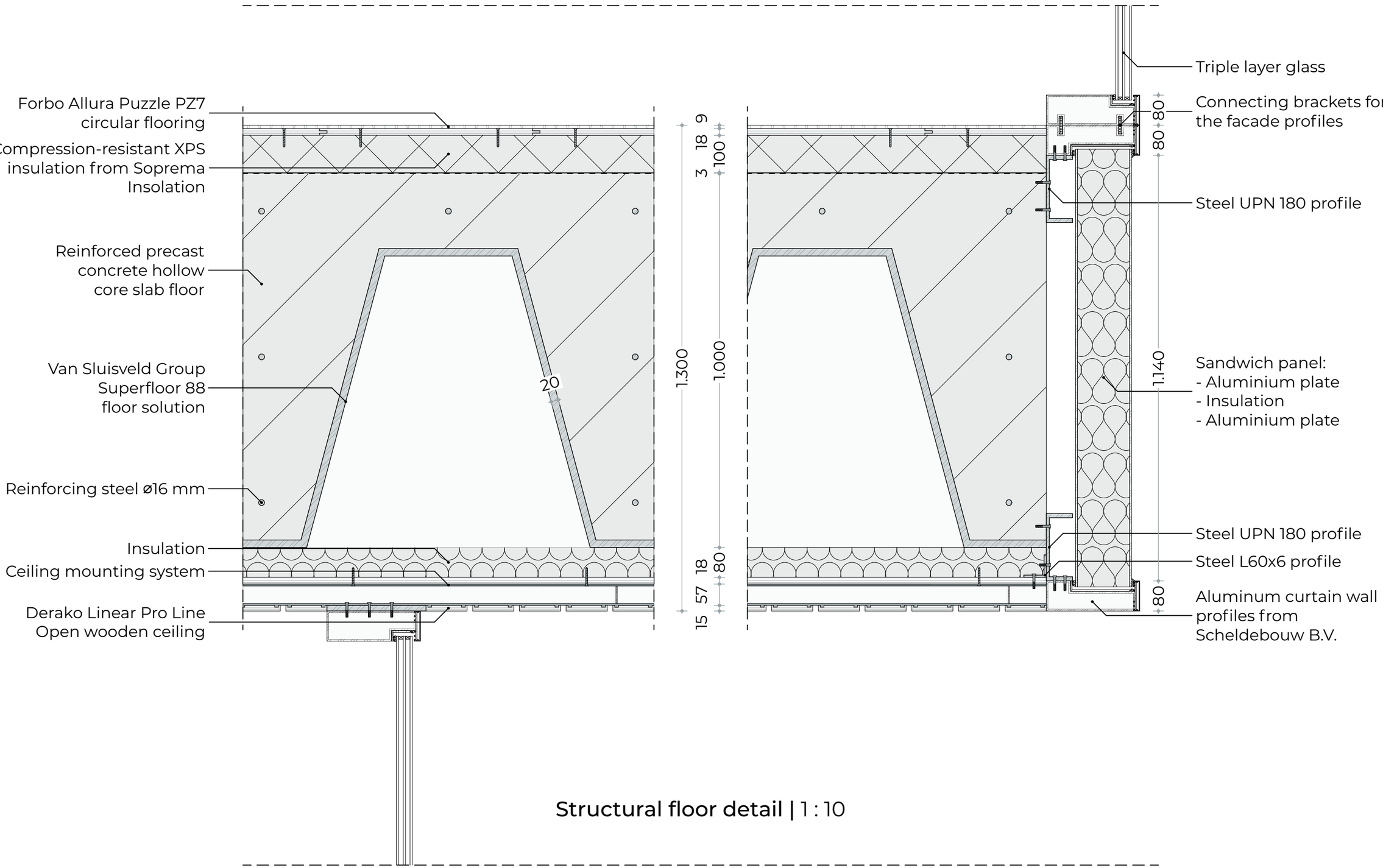


4. Technical Design | Axonometric section of the structure



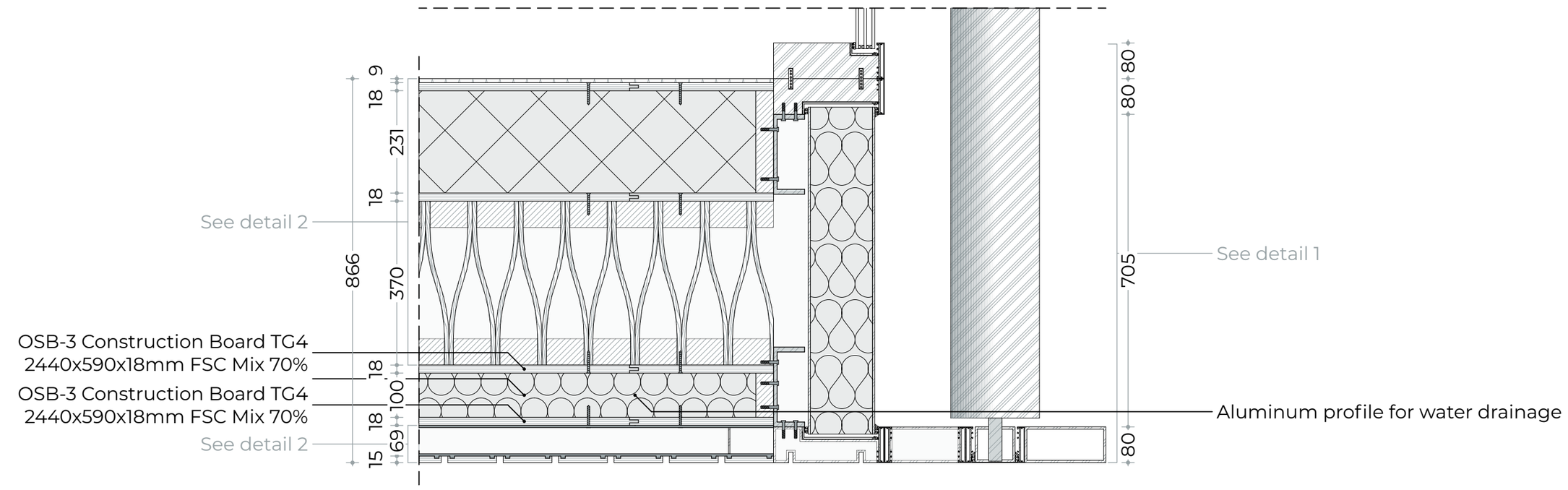


4. Technical Design | Detail 8

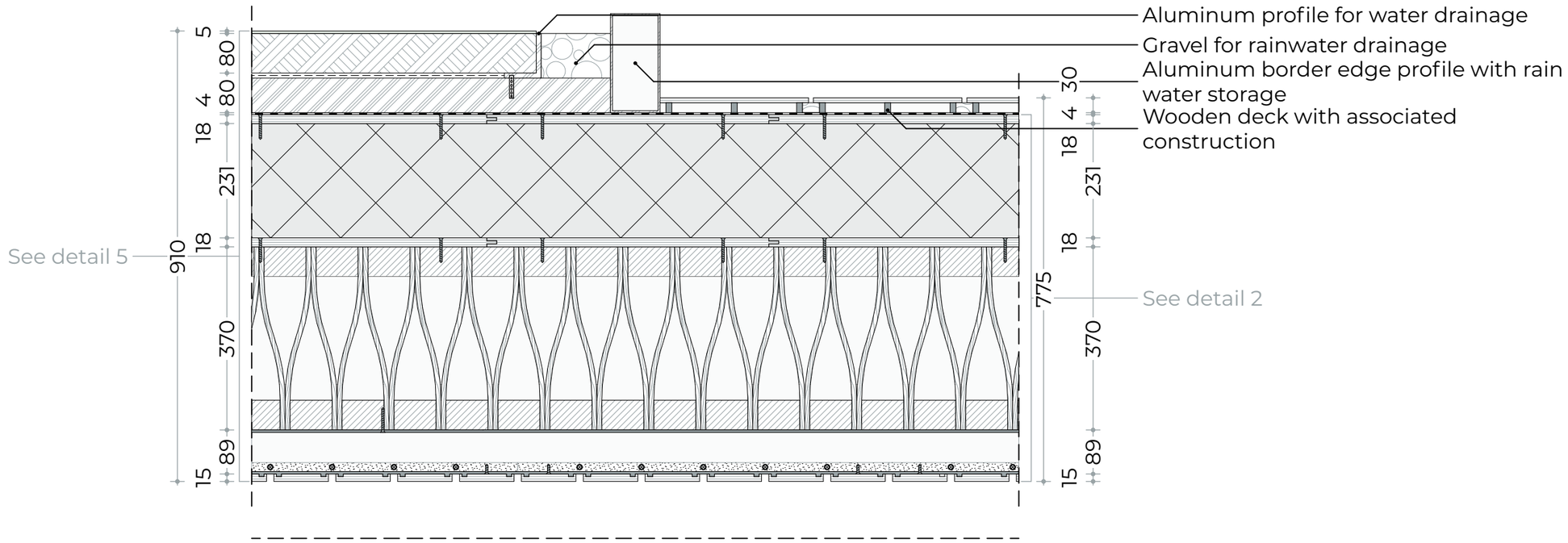


Structural floor detail | 1 : 10

4. Technical Design | Detail 9



Green roof detail | 1 : 10



5. Conclusion | Overview

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- By adding a new volume, the problem of vacancy in New Babylon has been addressed and Campus Haagsche Park has been created.

- The newly designed building offers a hybrid program that benefits the proposed hybrid learning environment.

- The use of a modular, hybrid construction together with innovative design solutions guarantees sustainability and circularity in the design.


THE END