

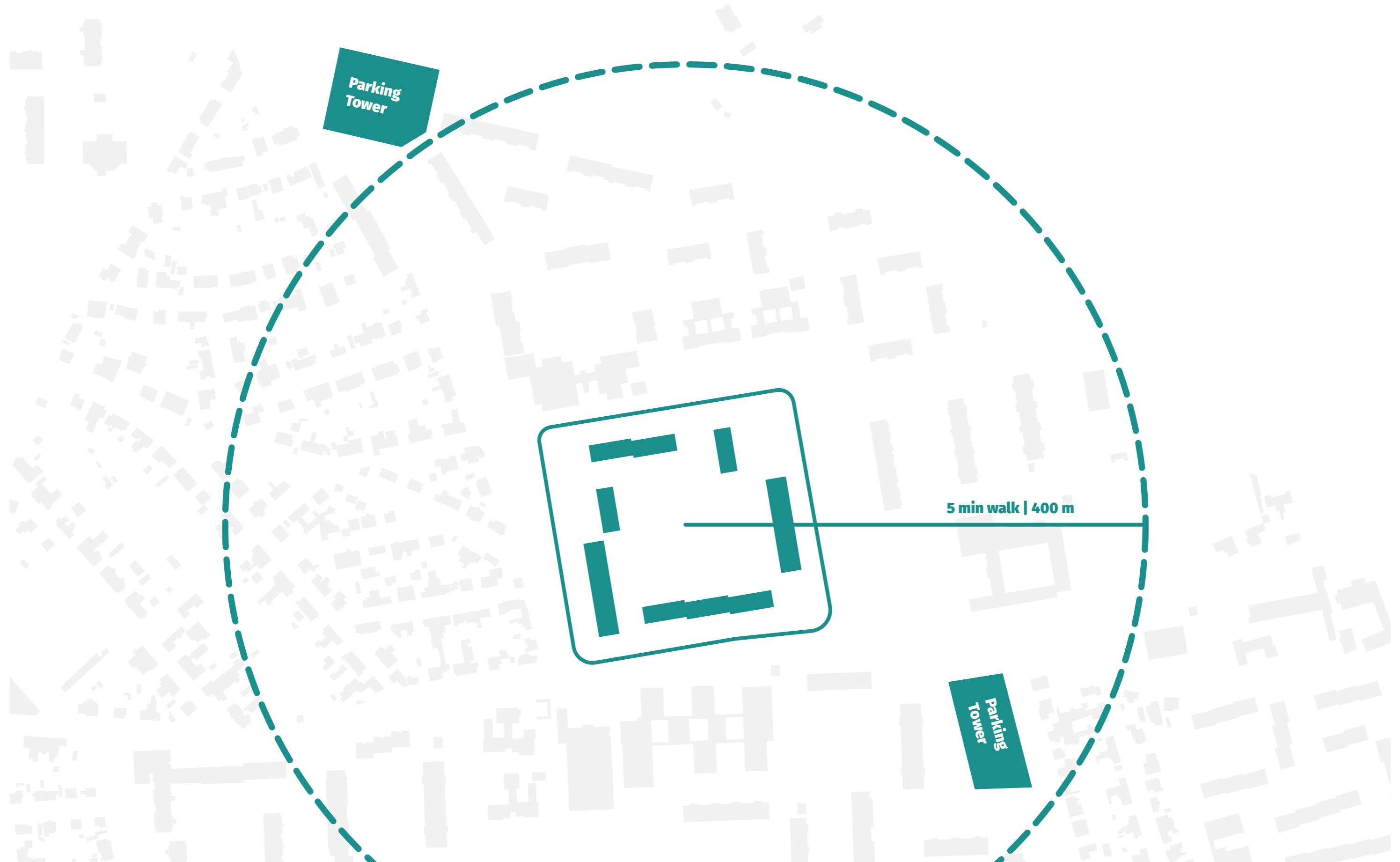
DESIGN DRAWINGS

ŠIMON KNETTIG



BACK TO THE USER

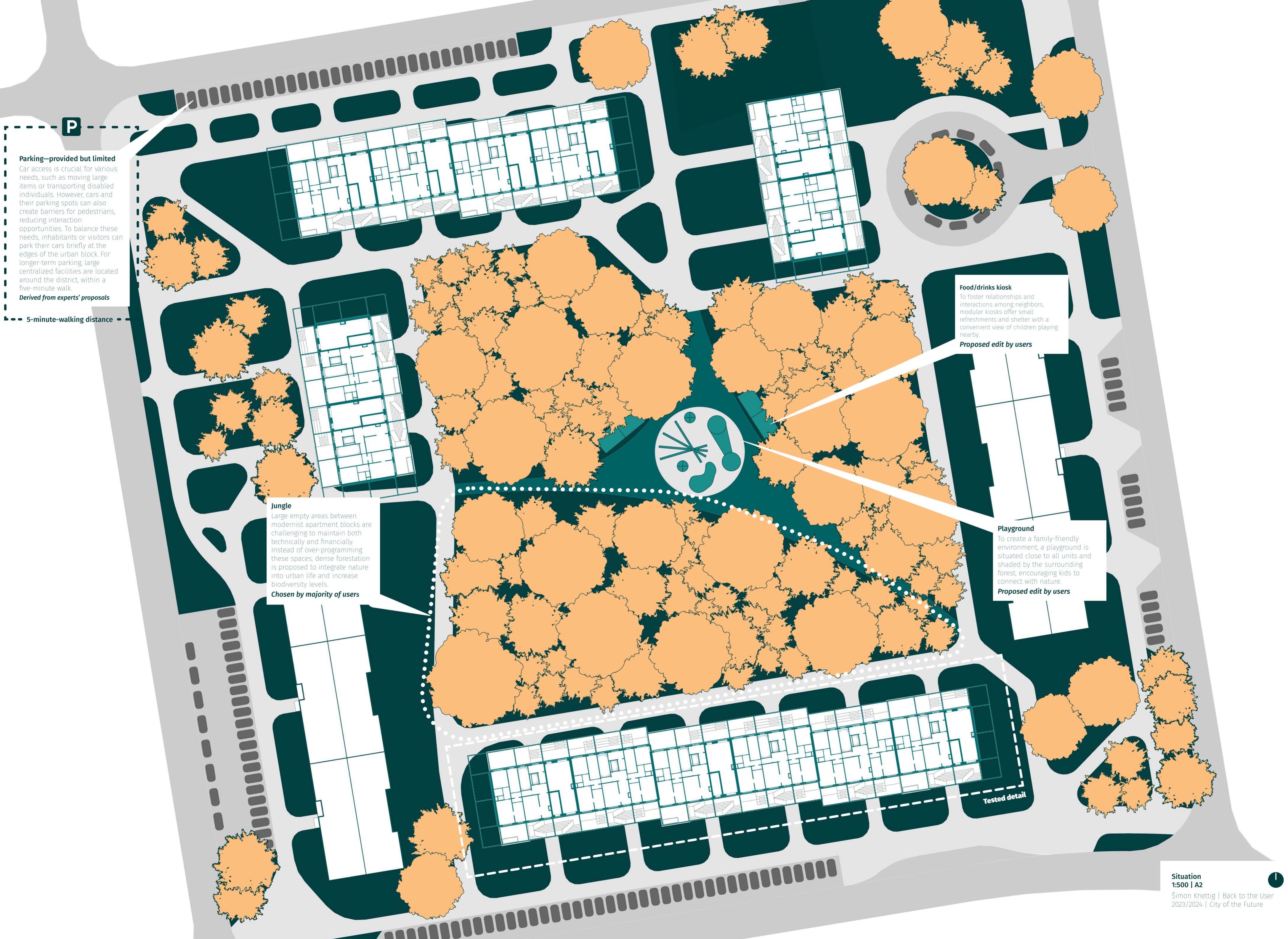
*Shaping the user experience of architecture
through evidence-based design*

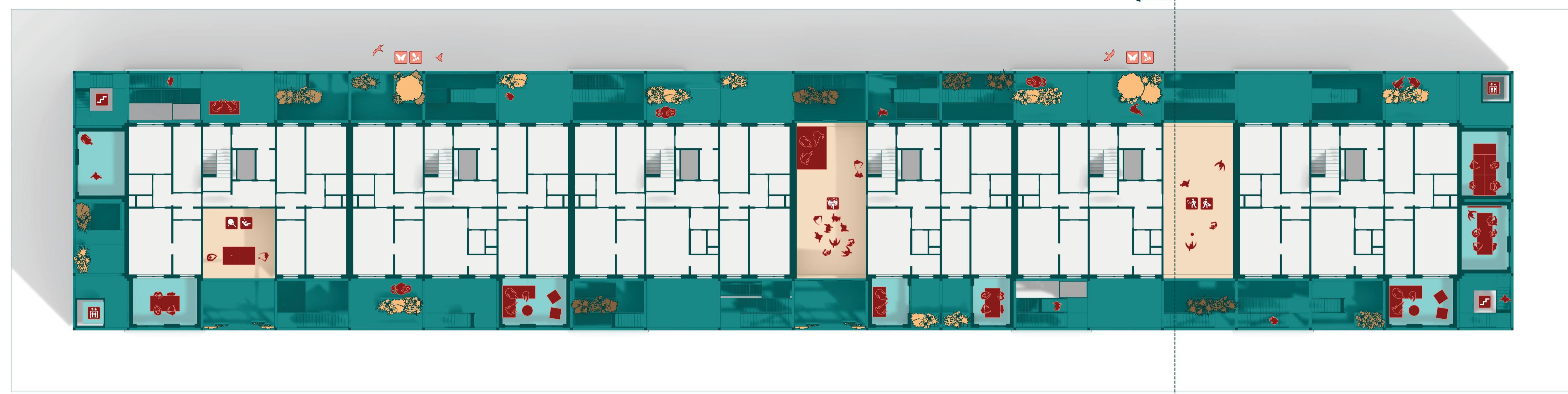


Situation
1:3000 | A3

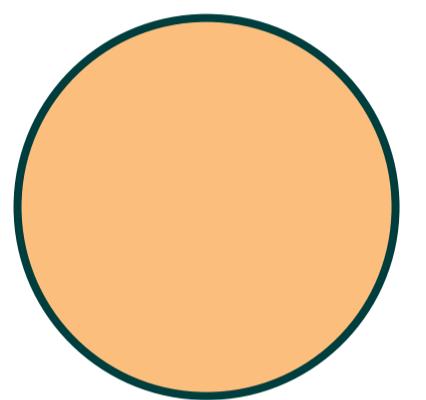
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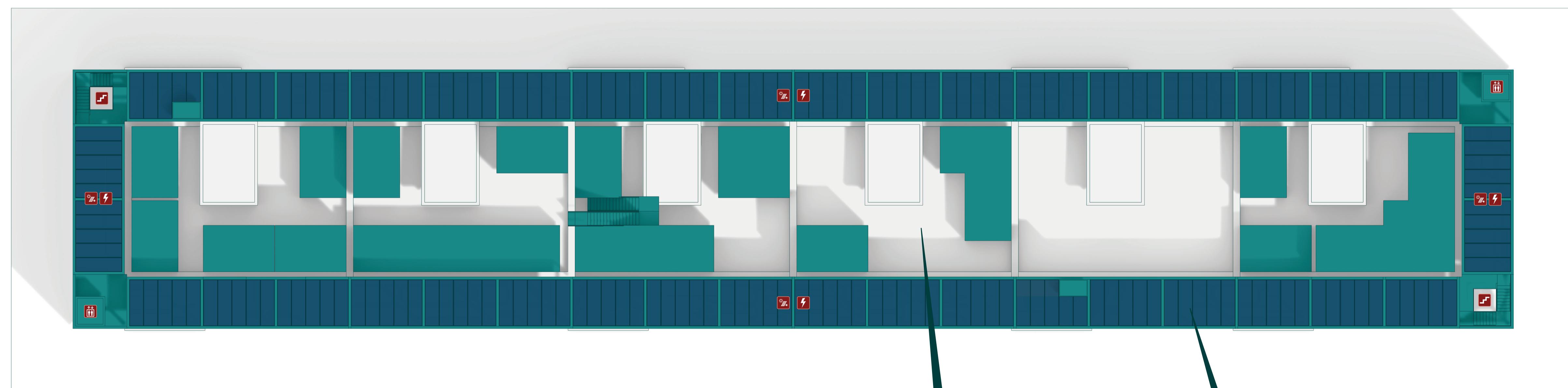




A



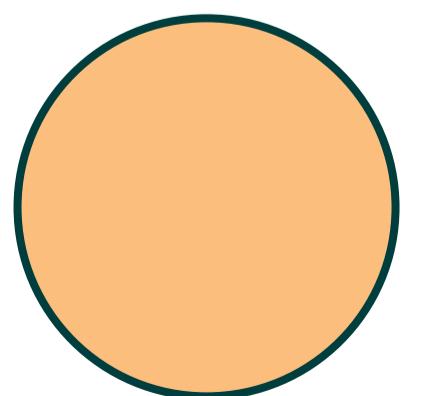
Typical floorplan
1:200 | A1
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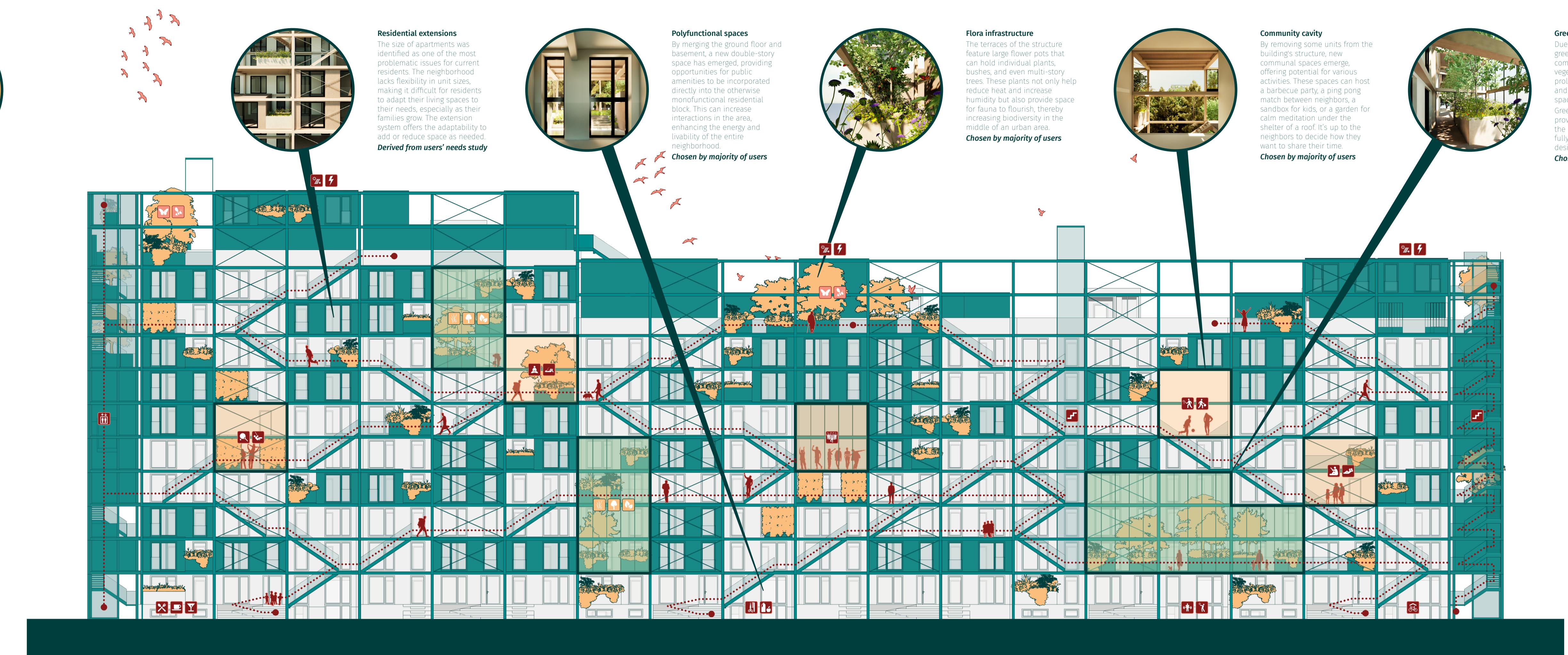
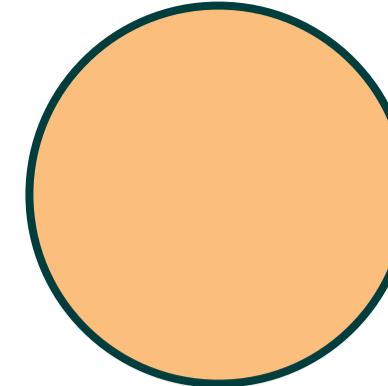
Roof village
To offer more varied apartment units, new modules are placed on the rooftop of the existing structure, creating a village-like environment with closely connected neighbors.
Chosen by majority of users



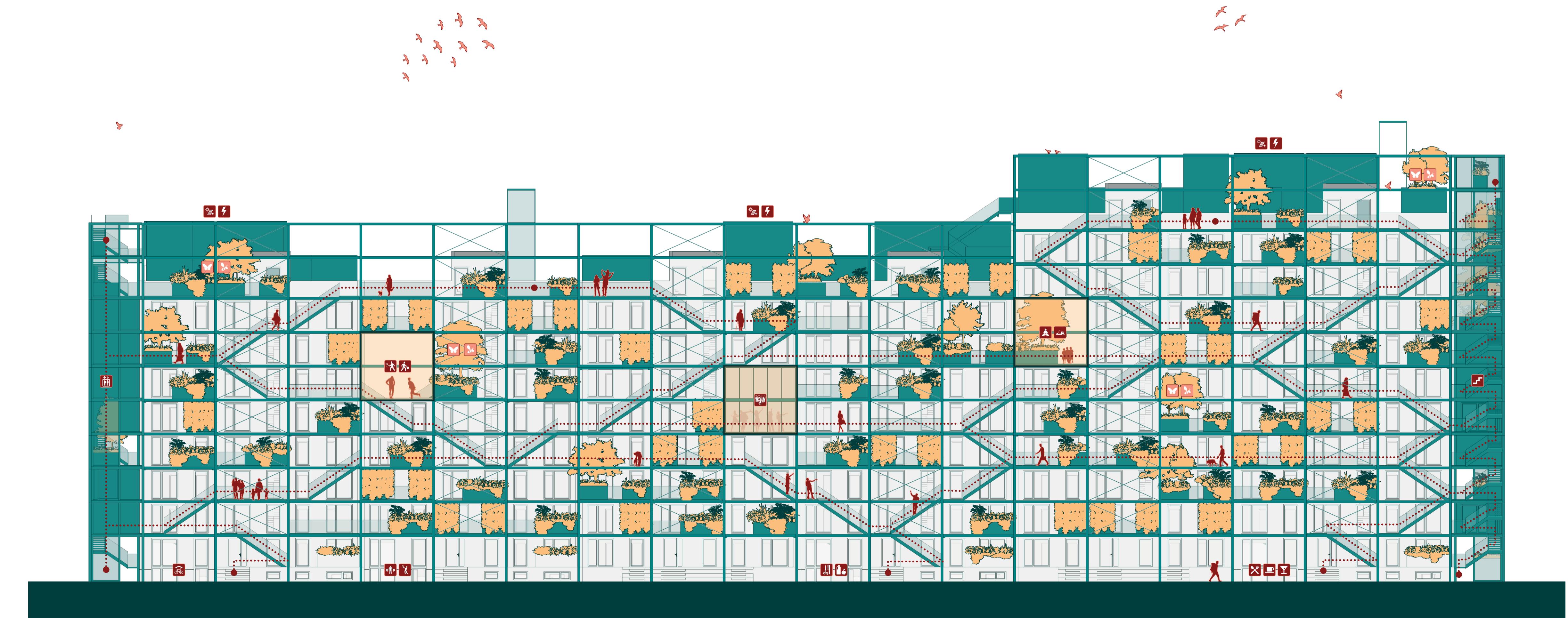
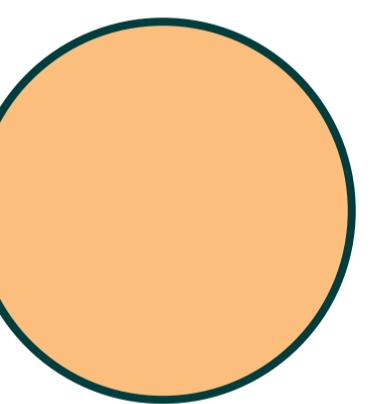
Solar farm
To promote the use of sustainable resources, photovoltaic panels placed atop the skeleton structure provide a zero-emission energy source for the entire block.



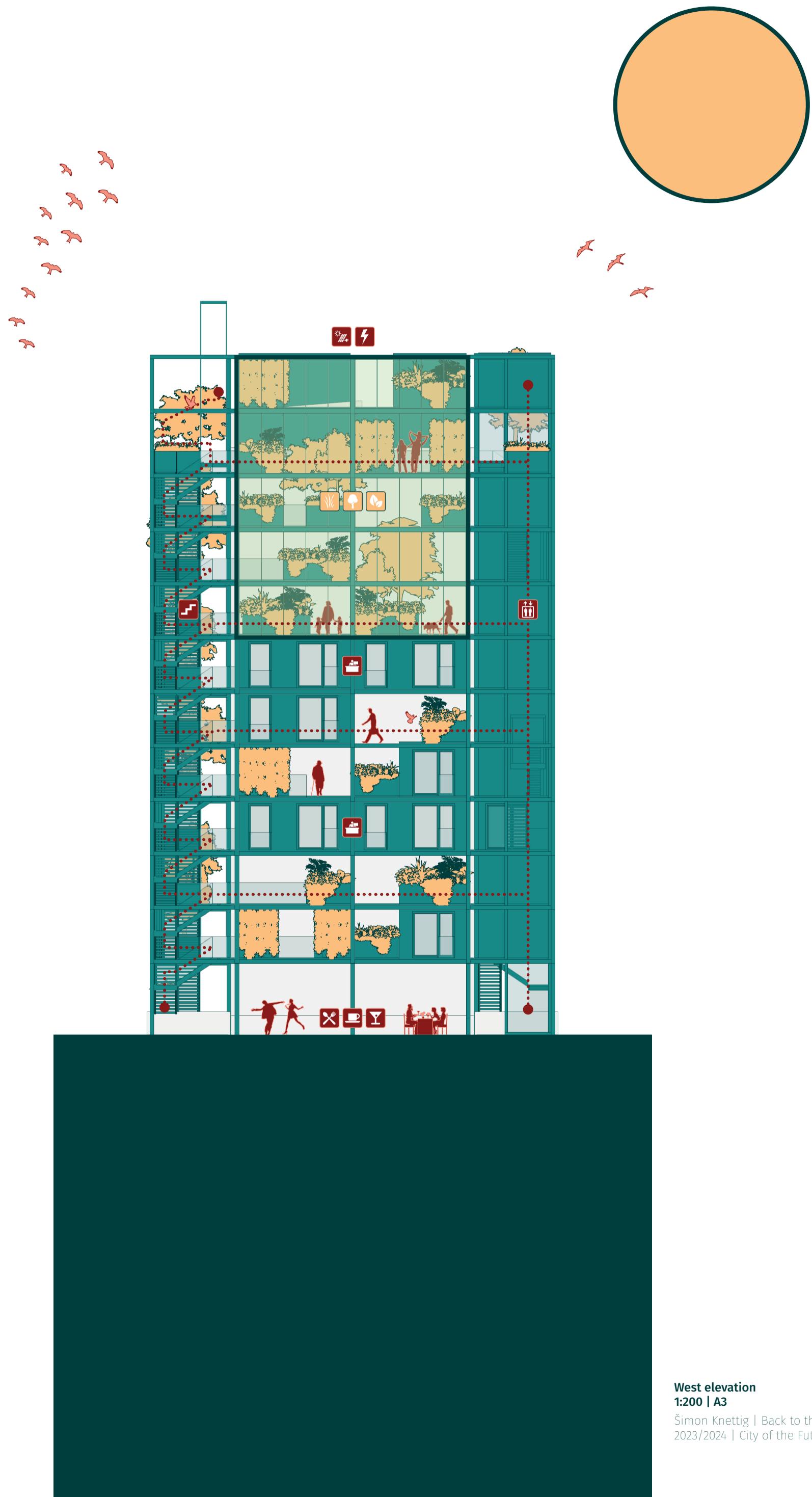
Roof
1:200 | A1
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South elevation
1:200 | A1
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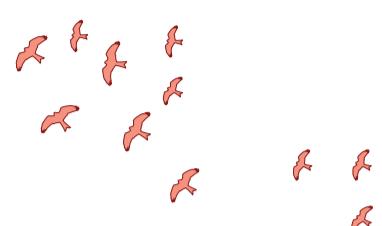
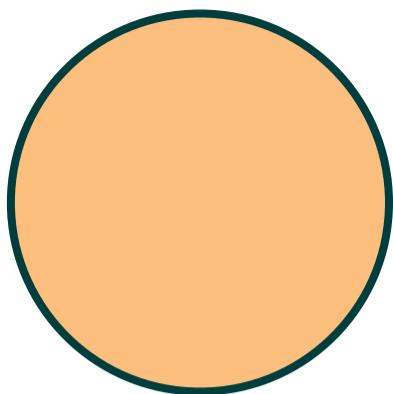


North elevation
1:200 | A1
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West elevation
1:200 | A3

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Co-working

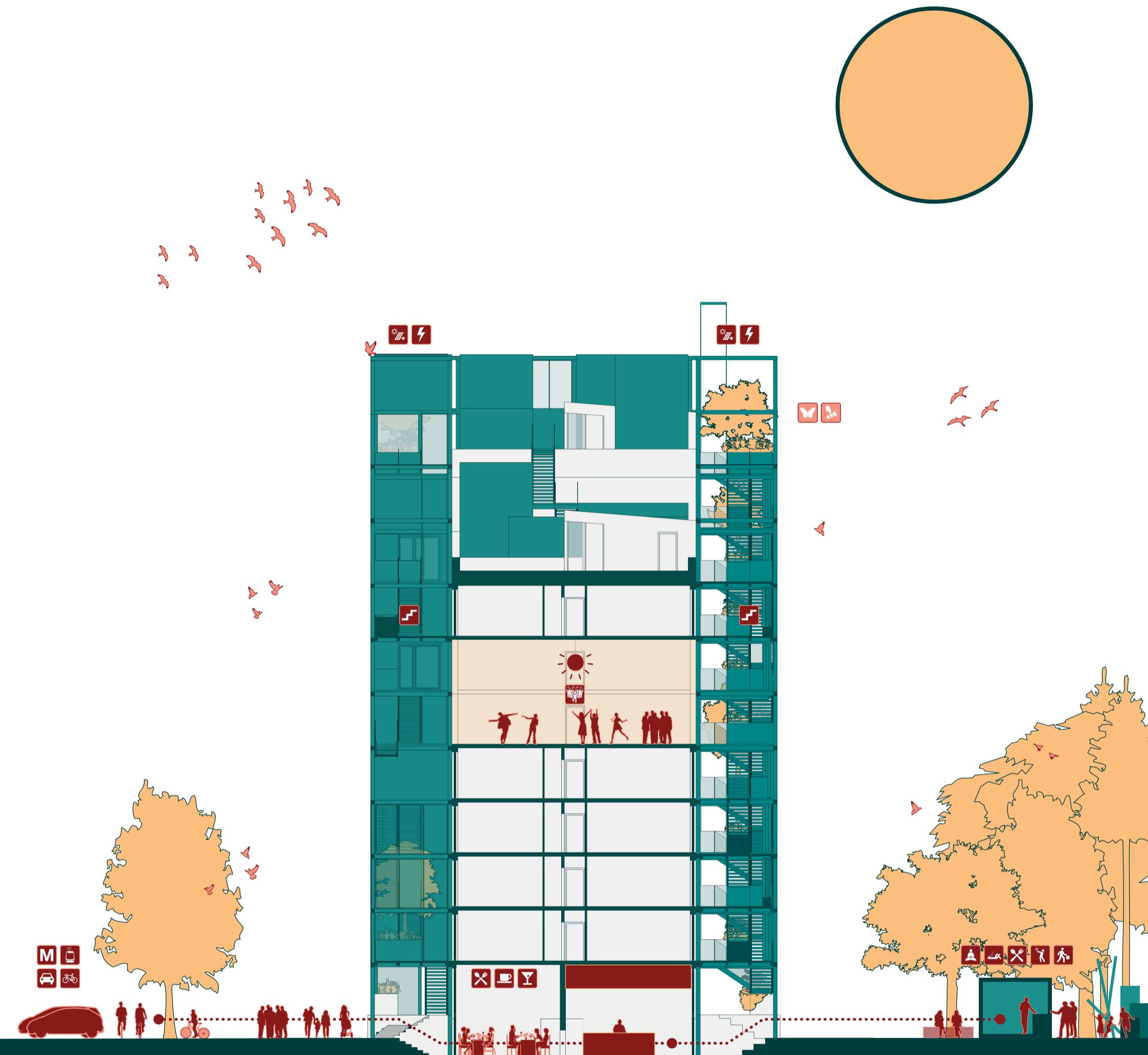
With the rise of remote working opportunities, more people desire flexible office spaces close to their homes, allowing them to book these spaces as needed in terms of time and style. By utilizing the blind walls of the blocks to add these spaces, the community can strengthen through shared work environments.

Derived from users' needs study

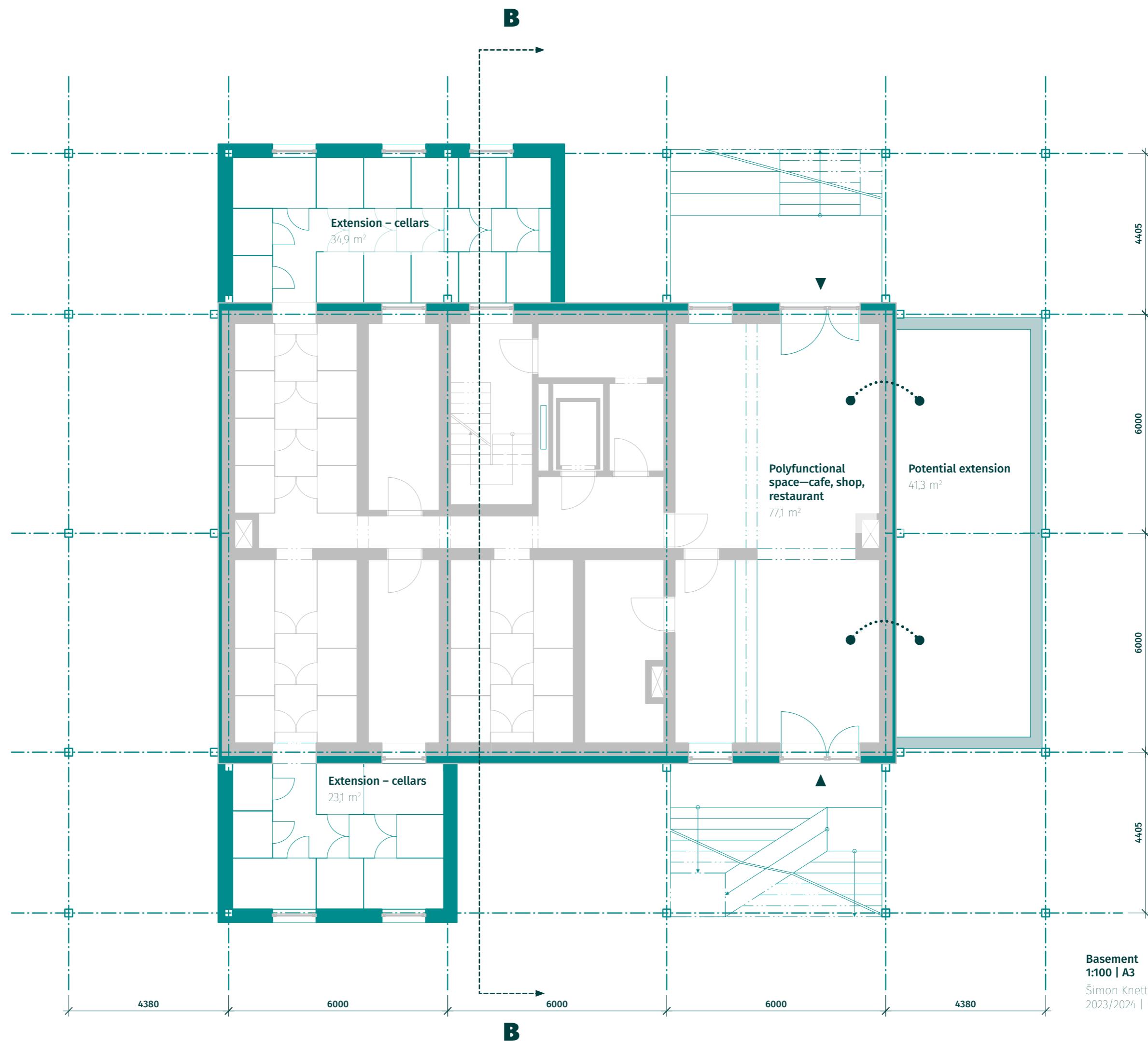


East elevation
1:200 | A3

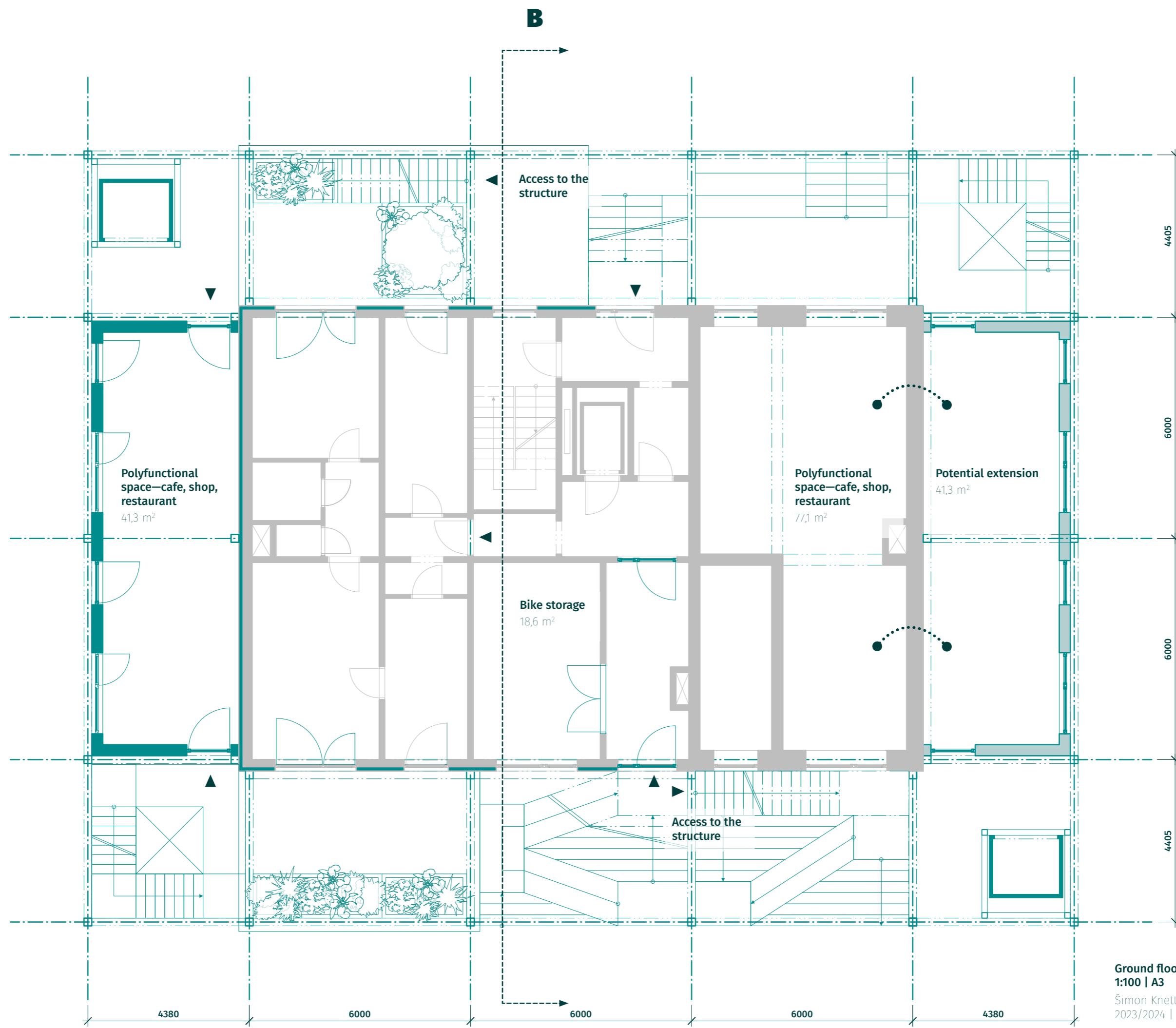
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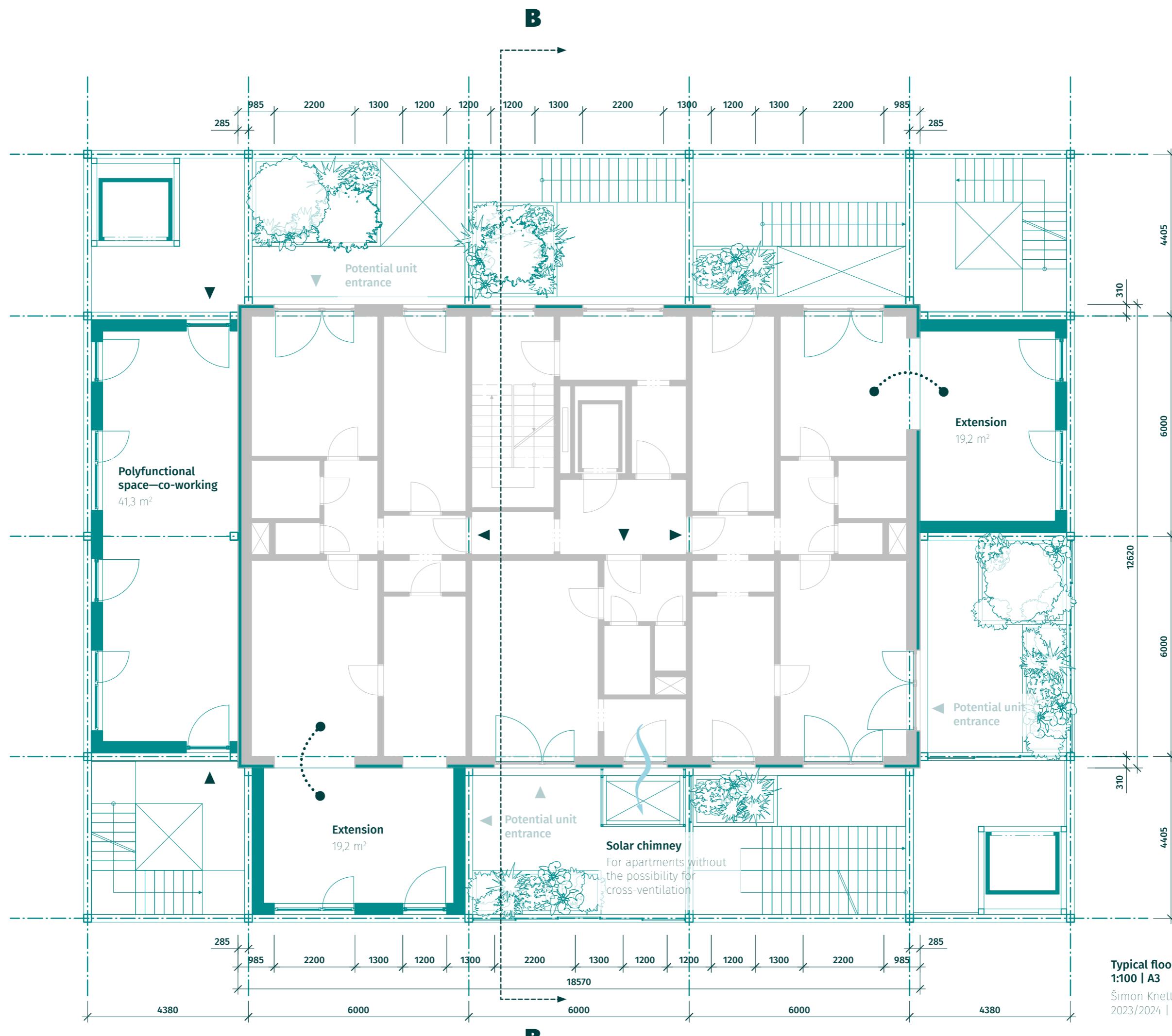


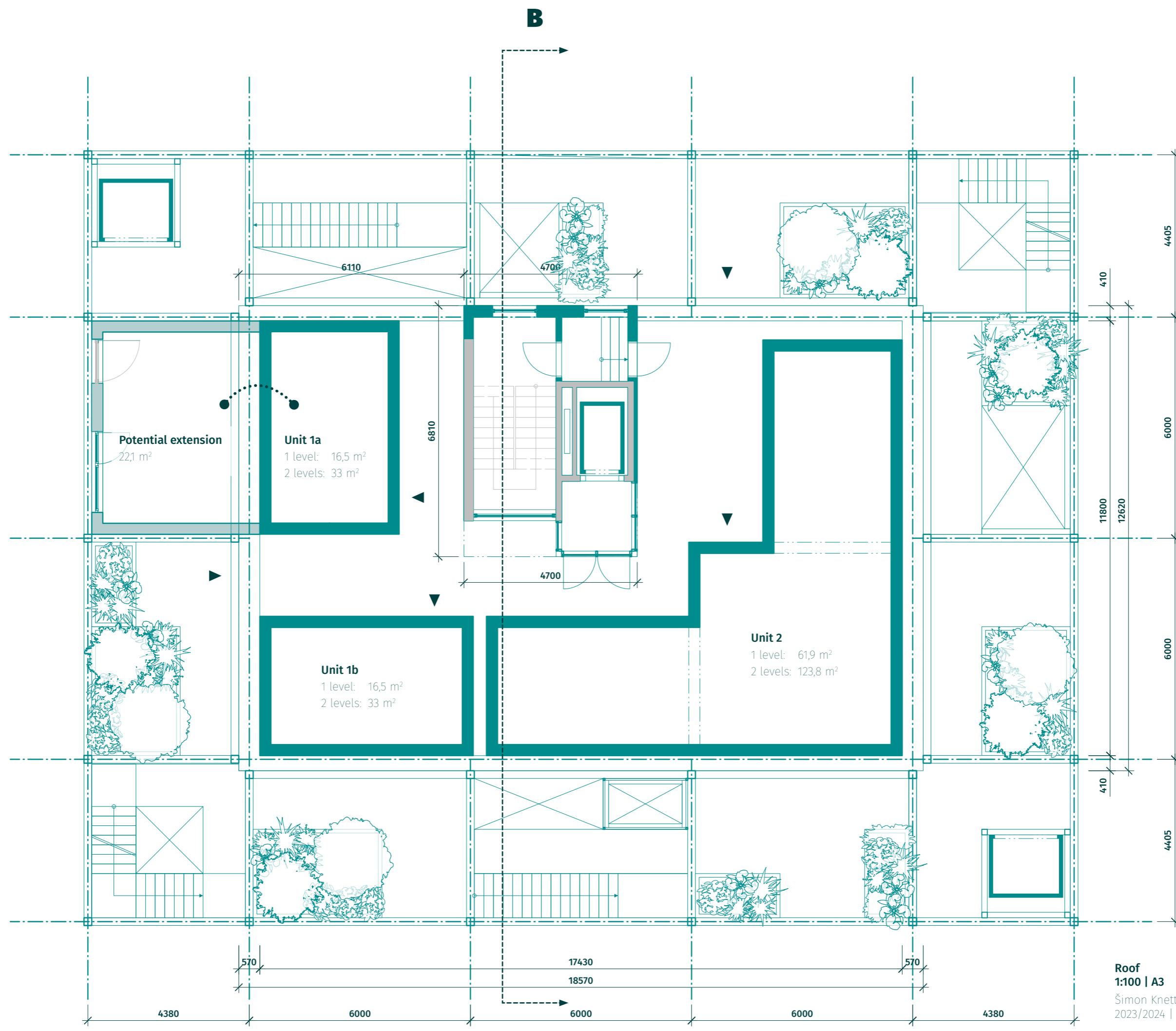
Section A-A
1:200 | A3

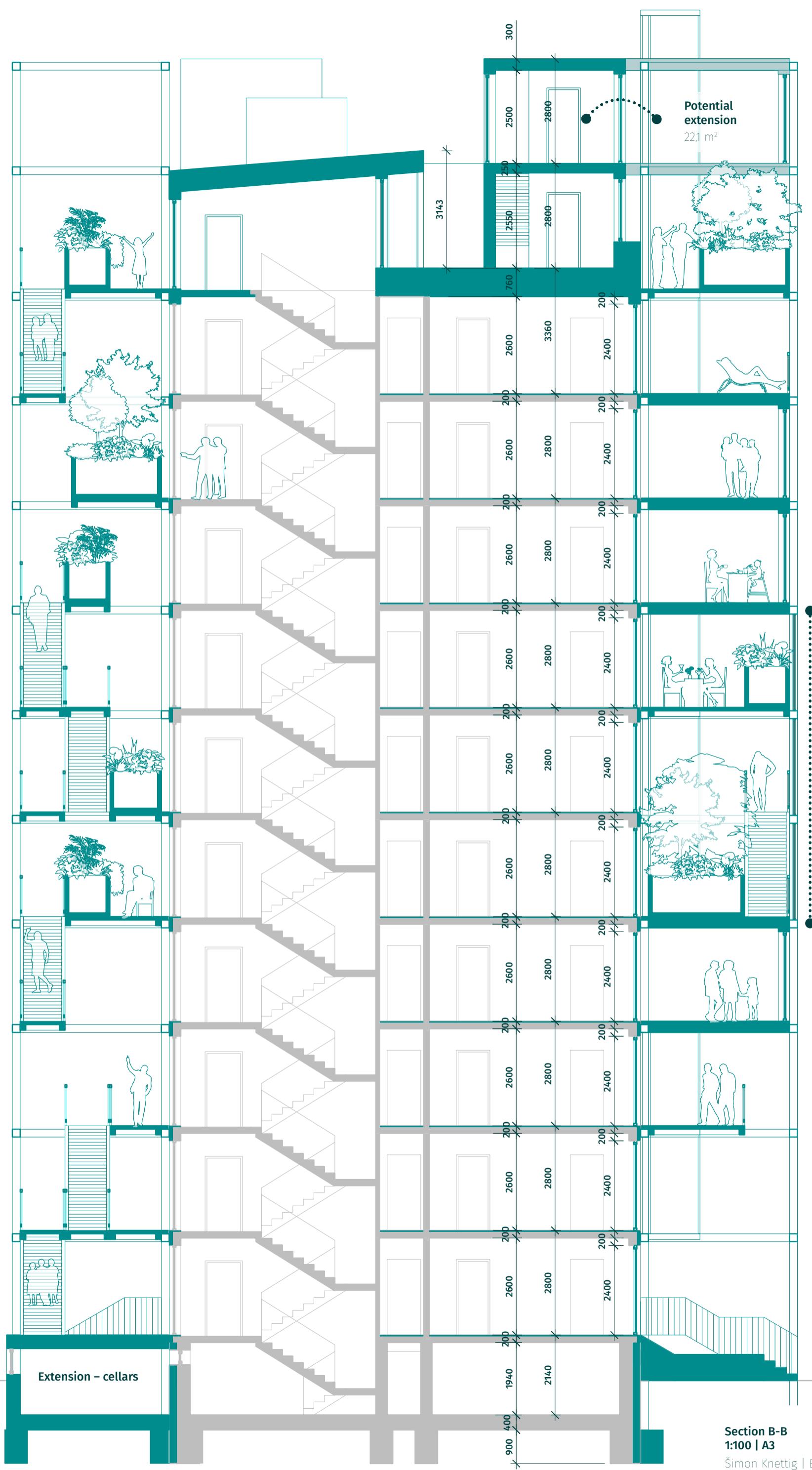


B



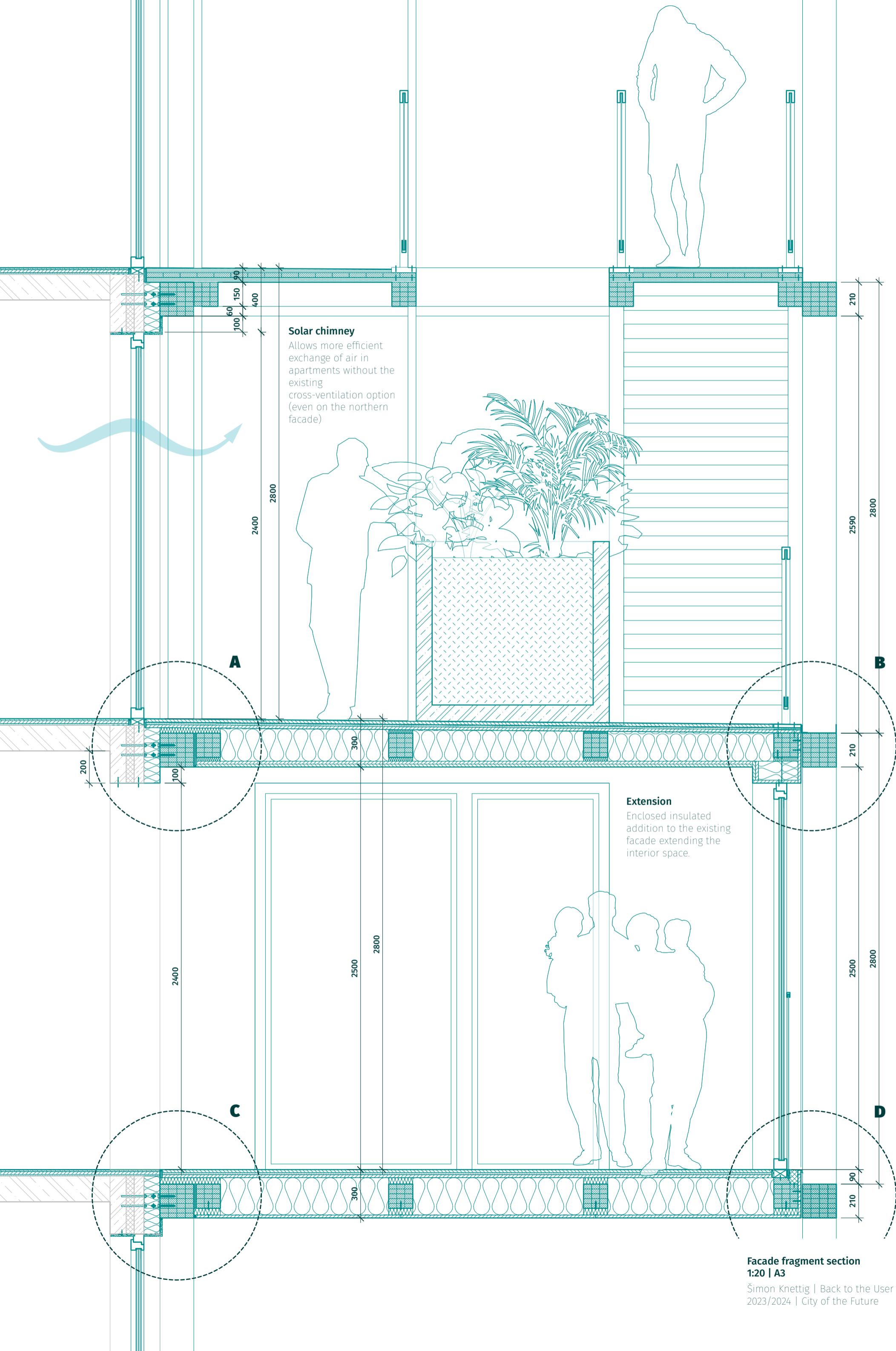






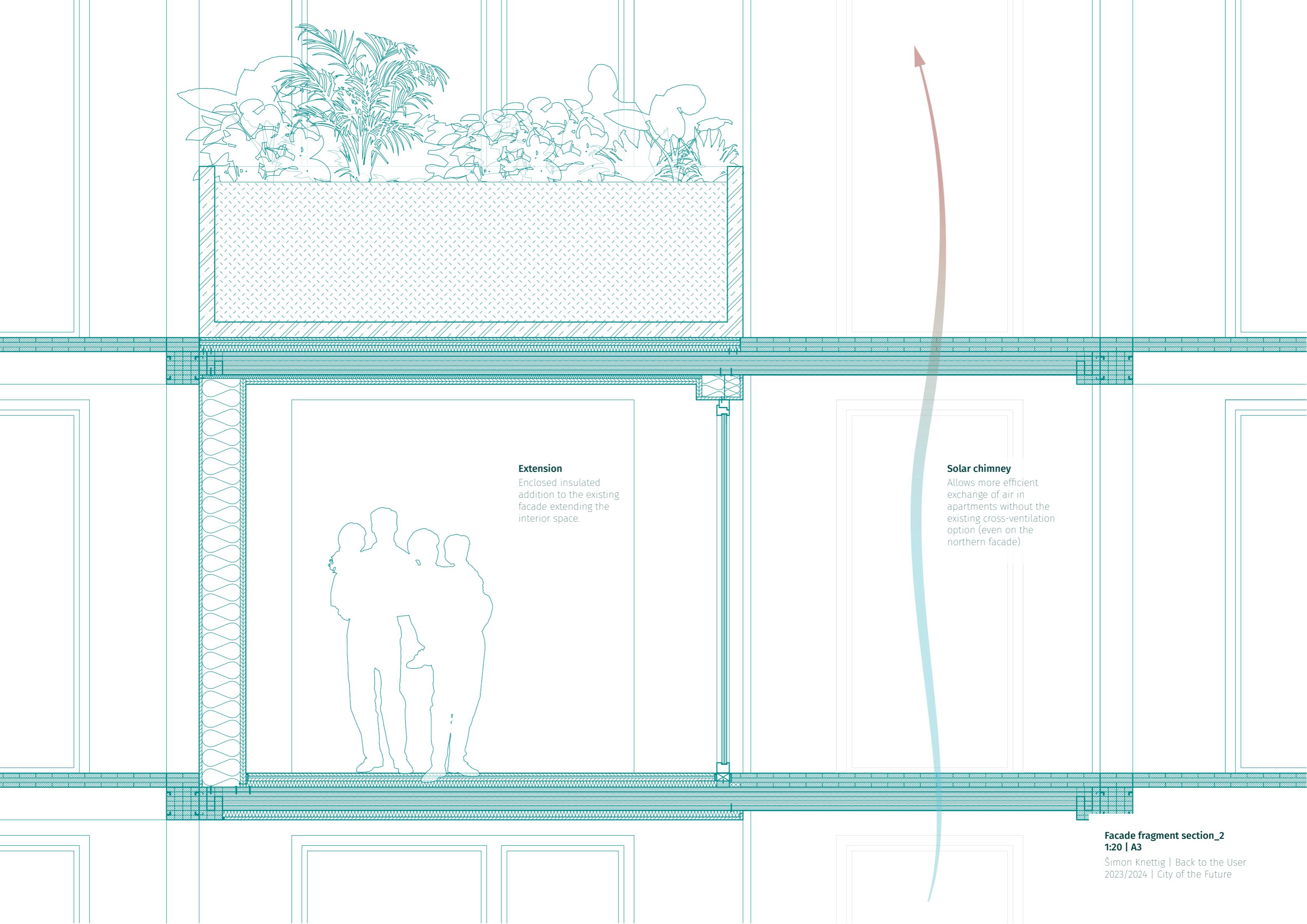
Section B-B
1:100 | A3

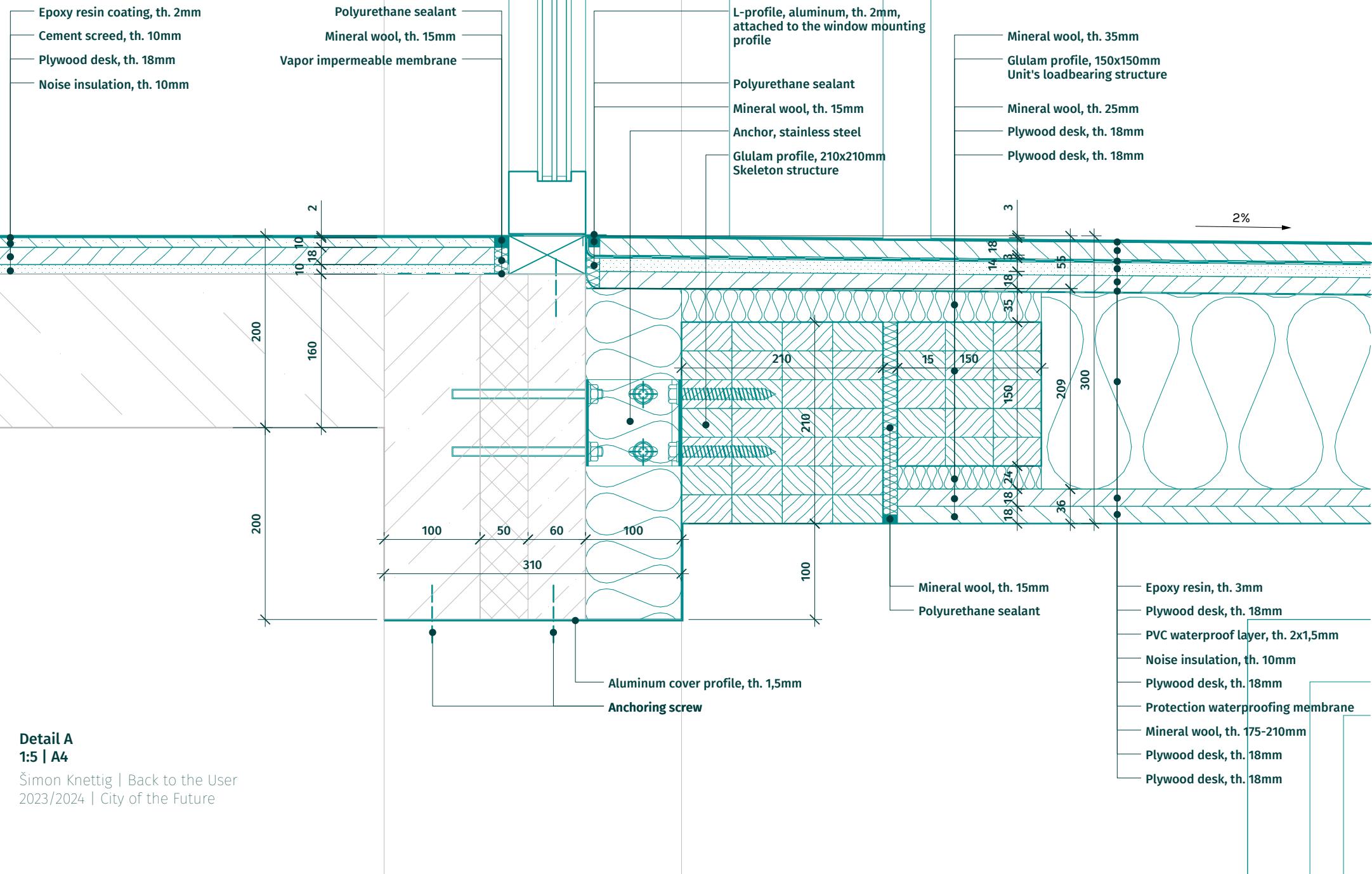
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Facade fragment section 1:20 | A3

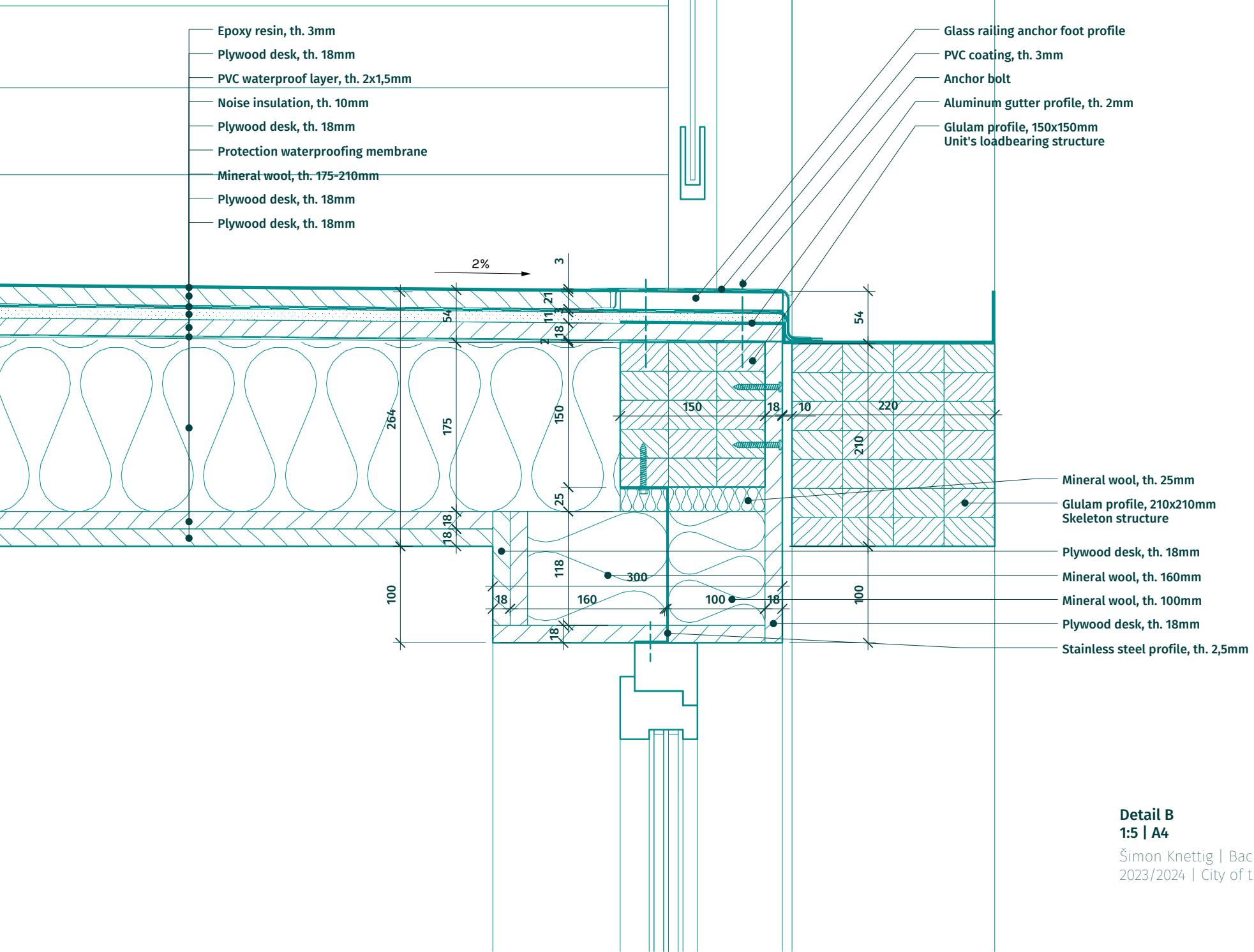
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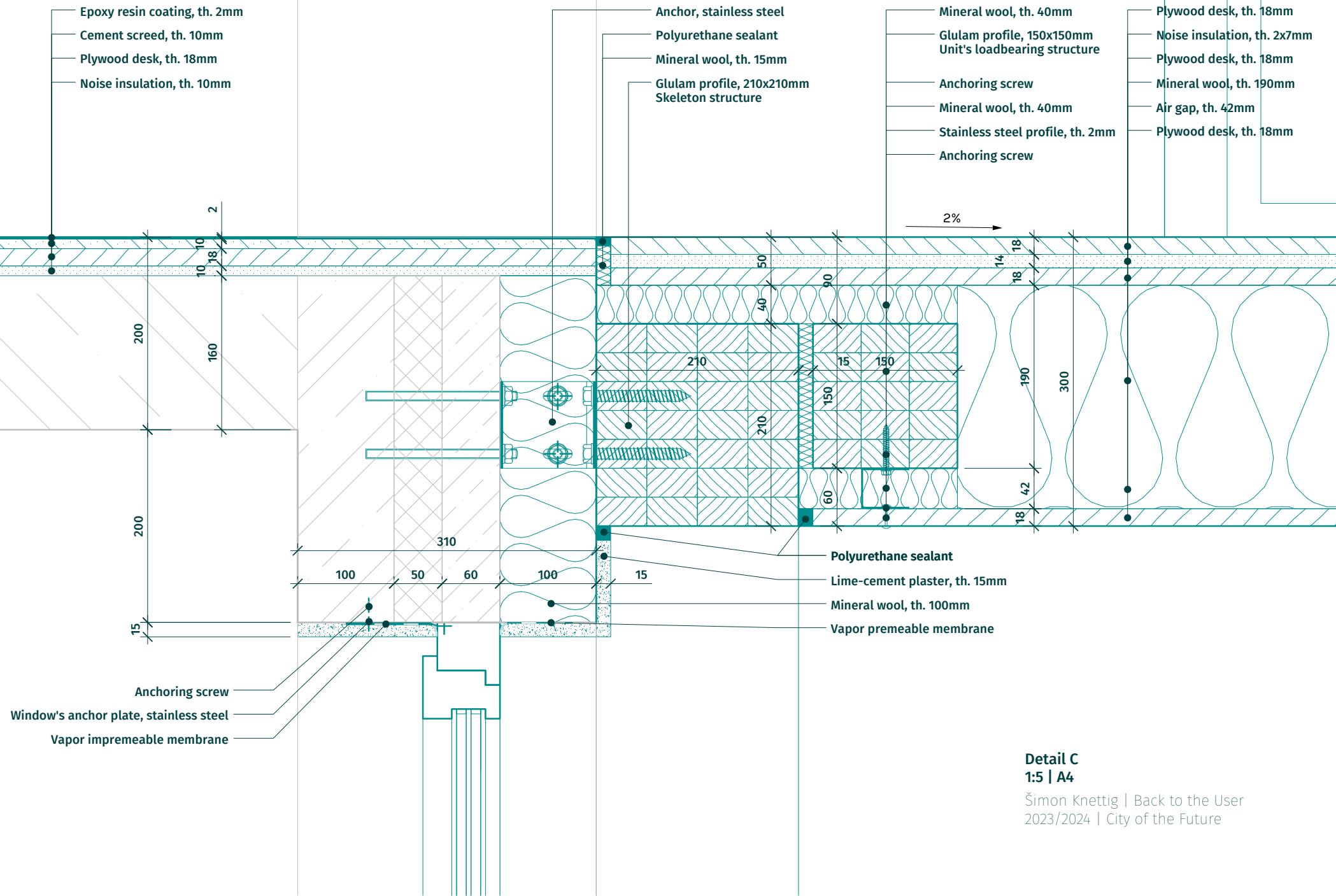
Detail A
1:5 | A4

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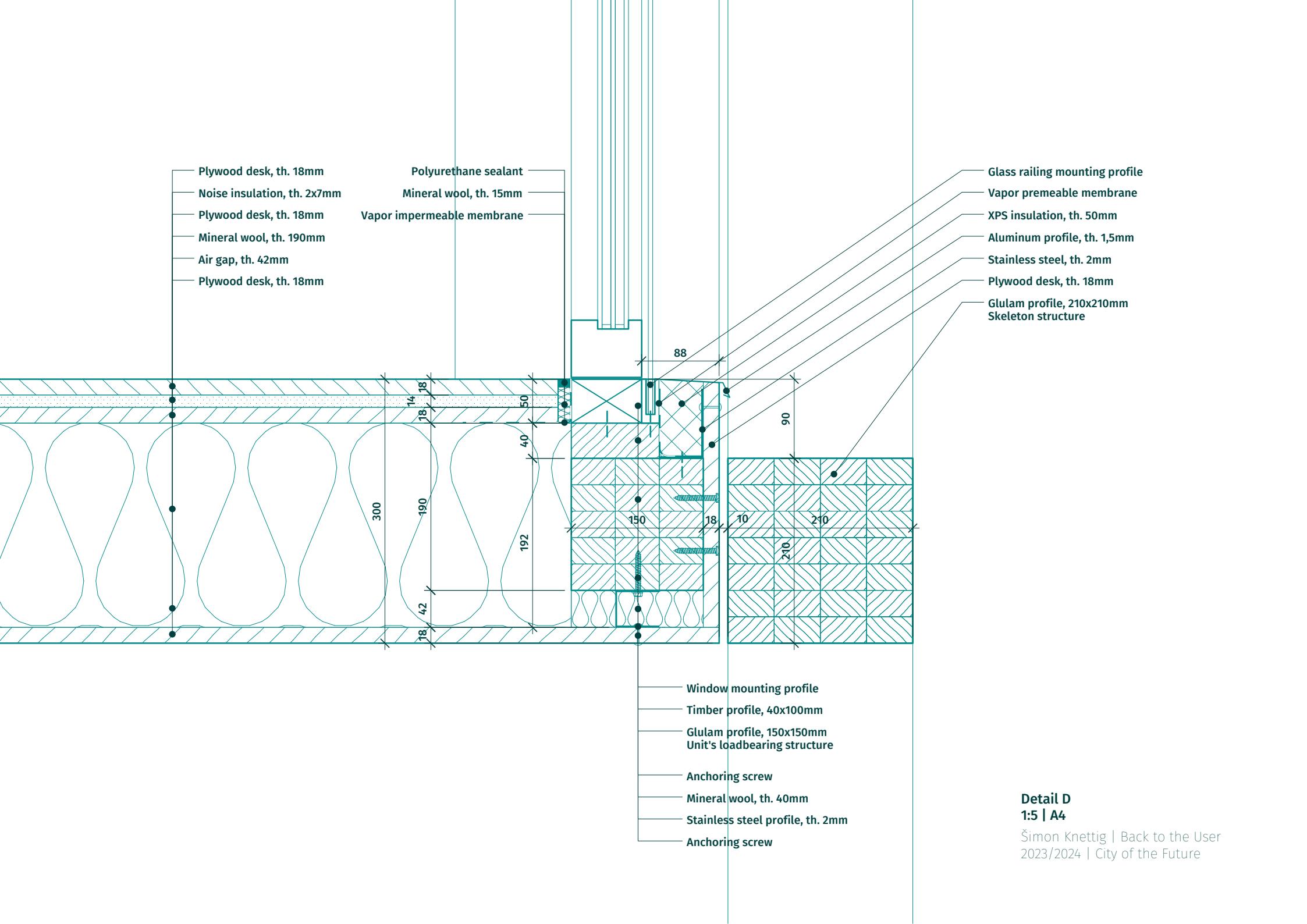
Detail B
1:5 | A4

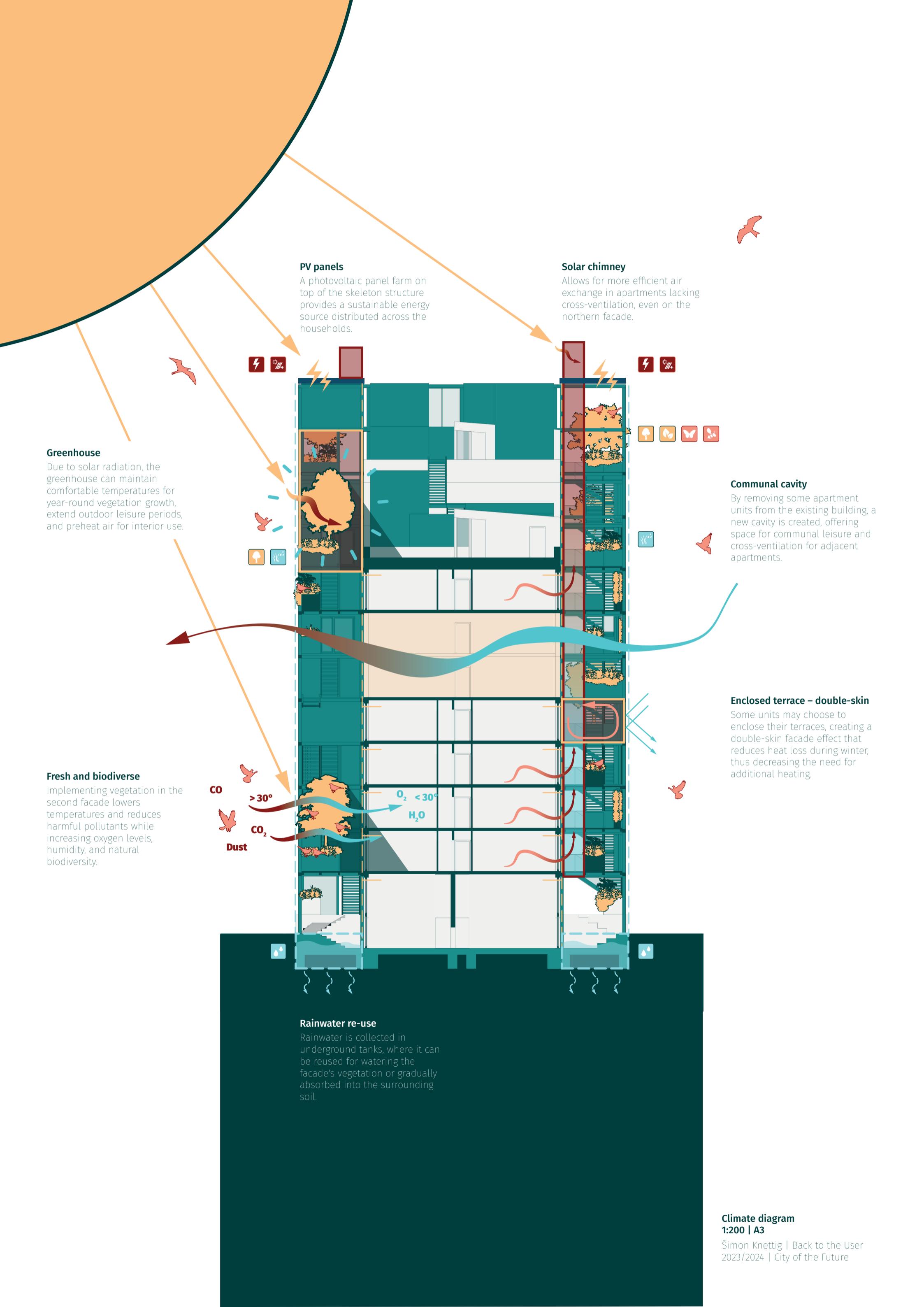
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Detail C
1:5 | A4

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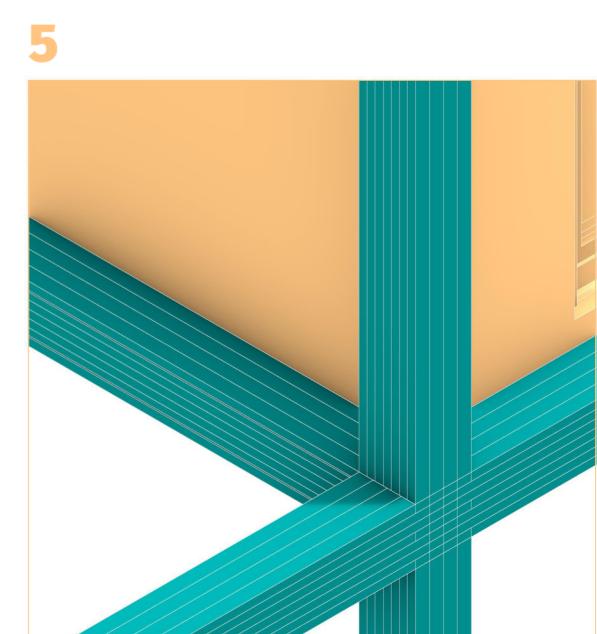
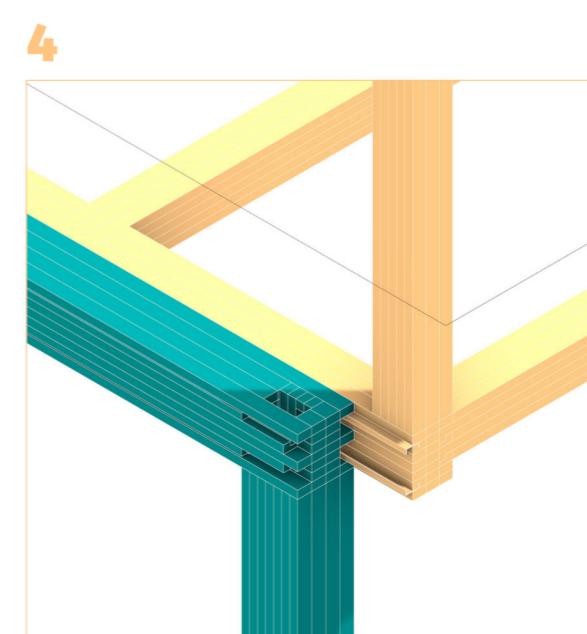
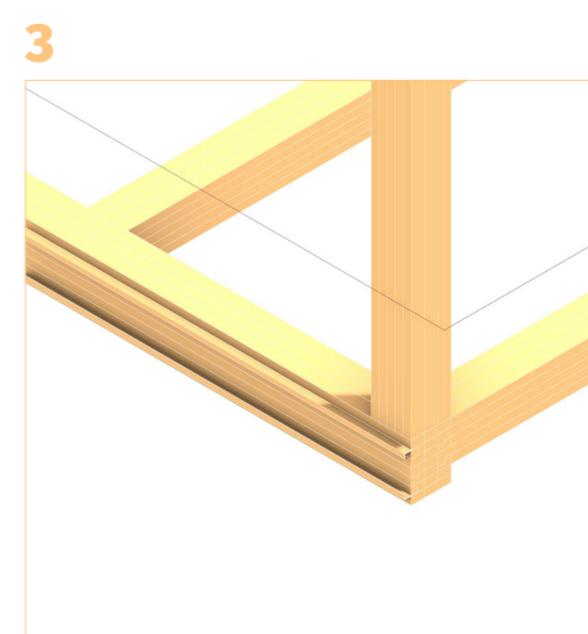
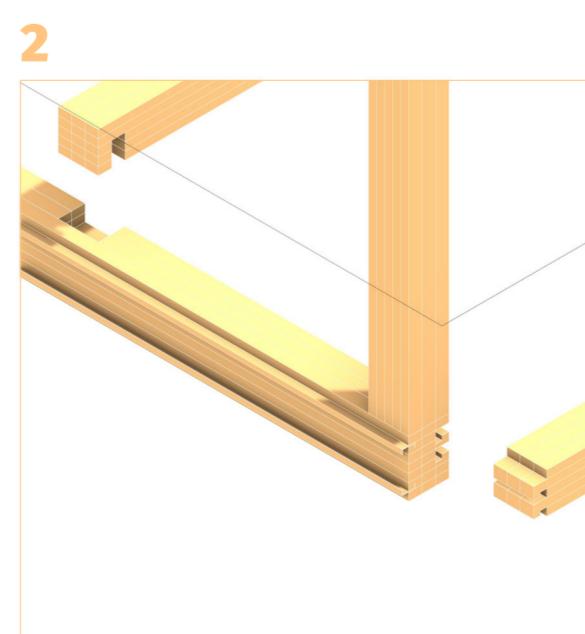
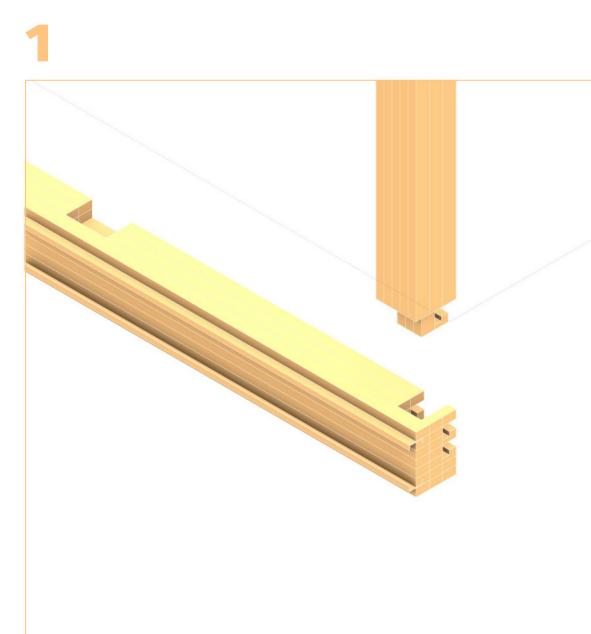
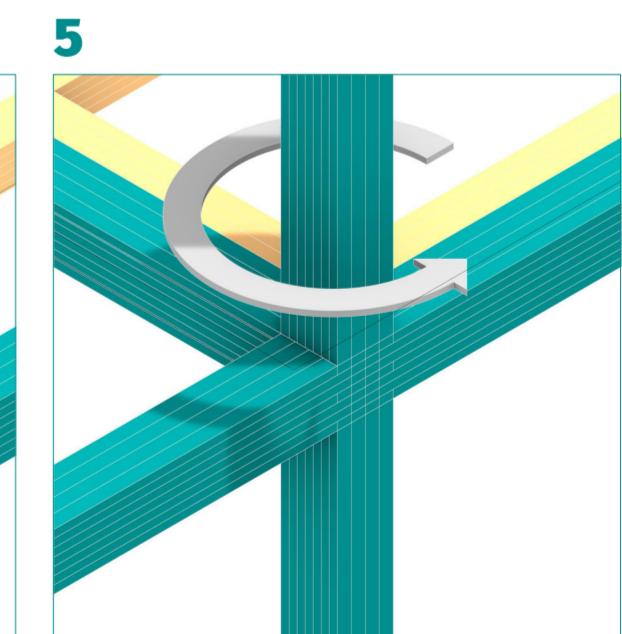
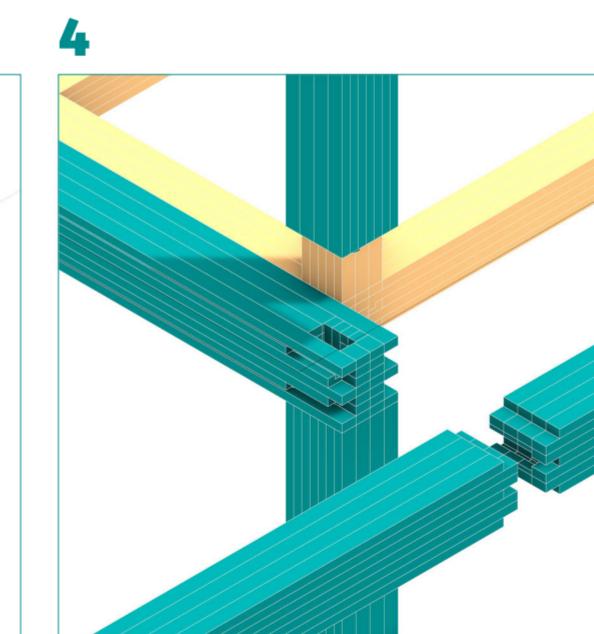
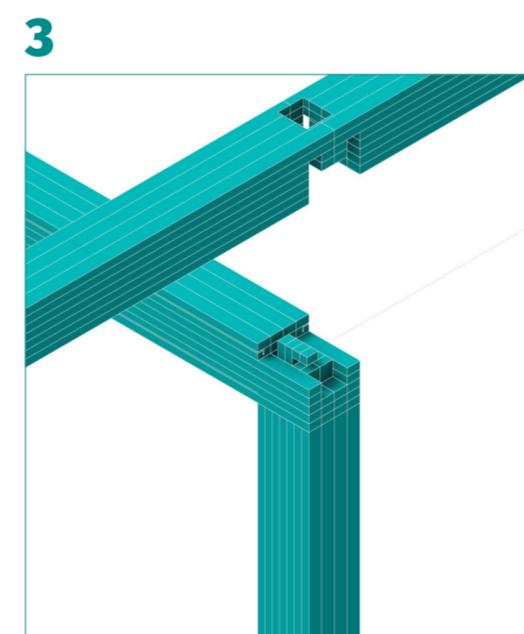
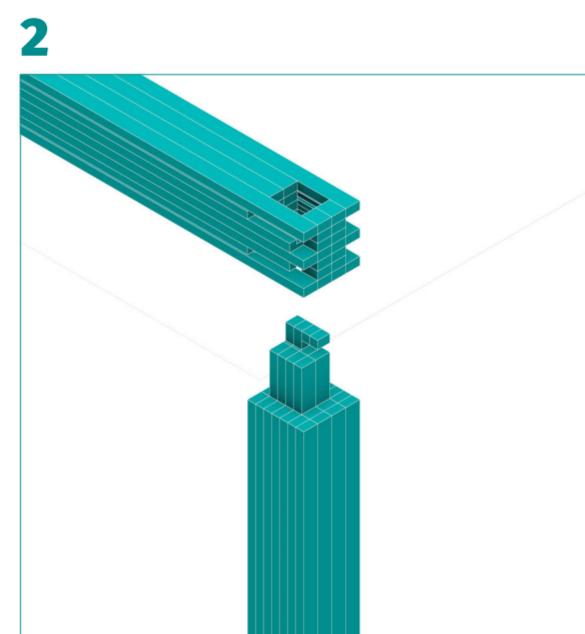
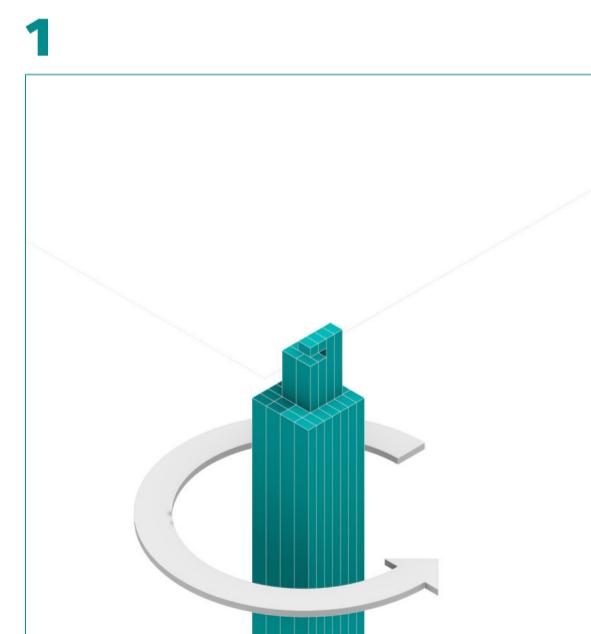
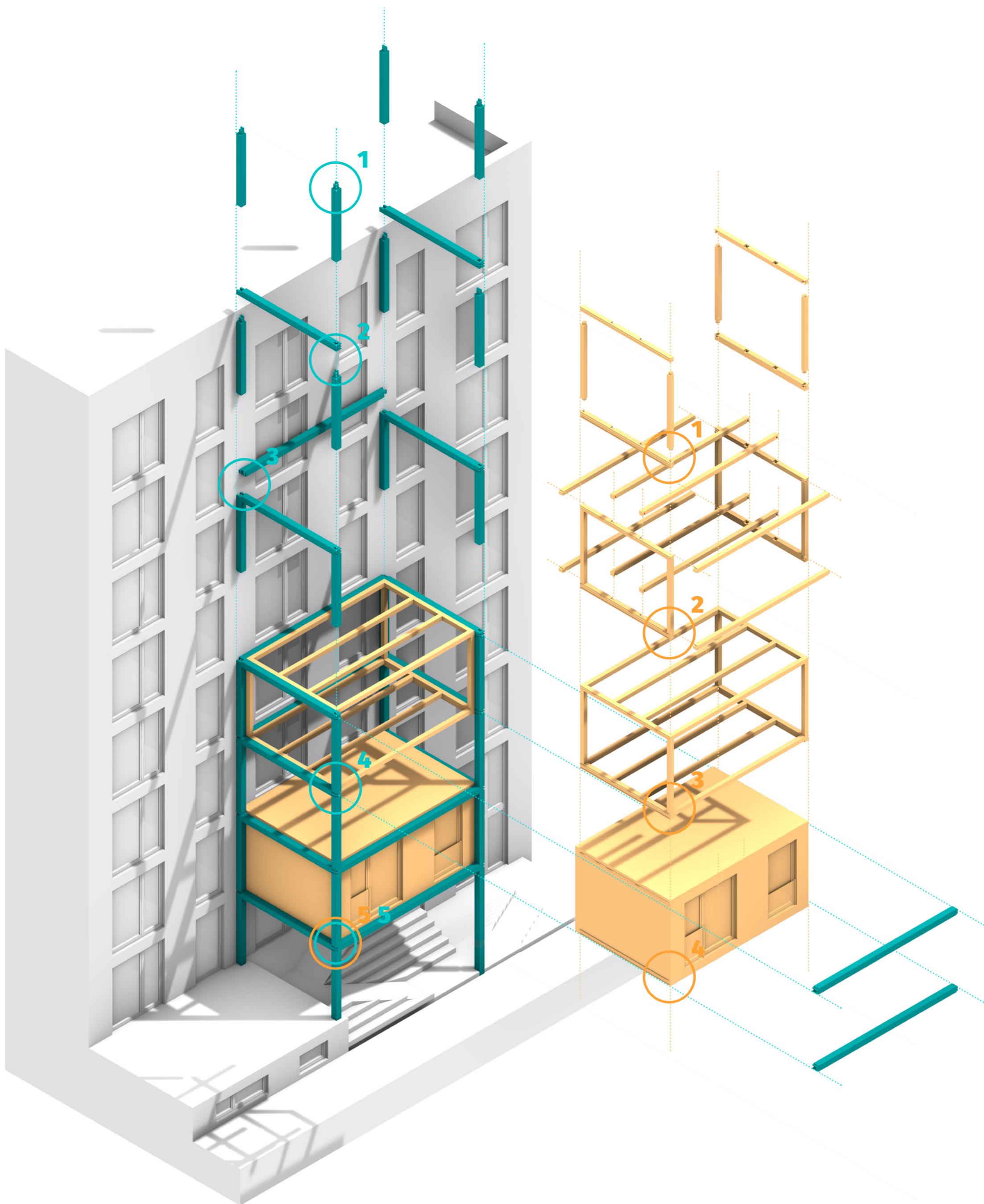


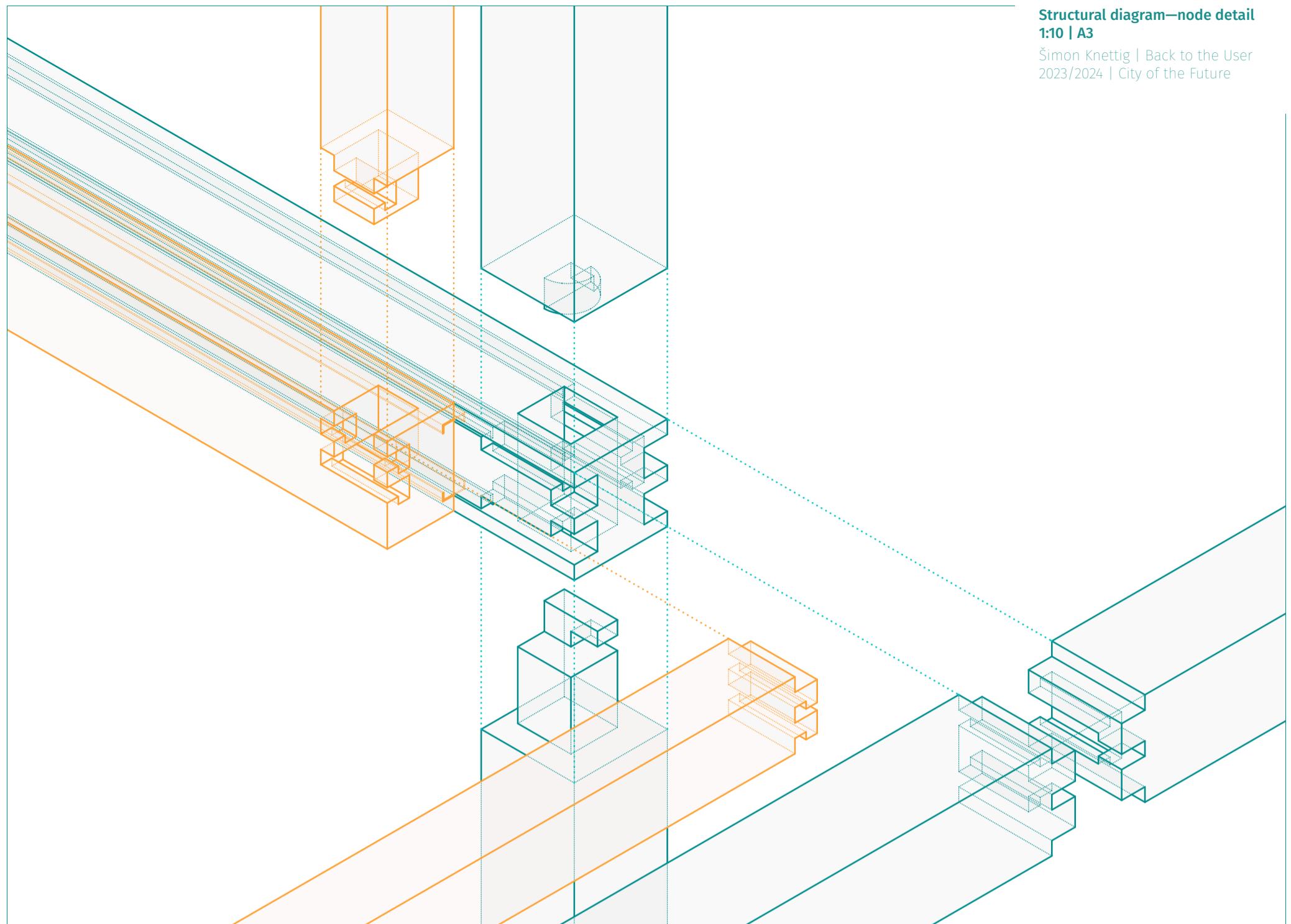


Skeleton assembly

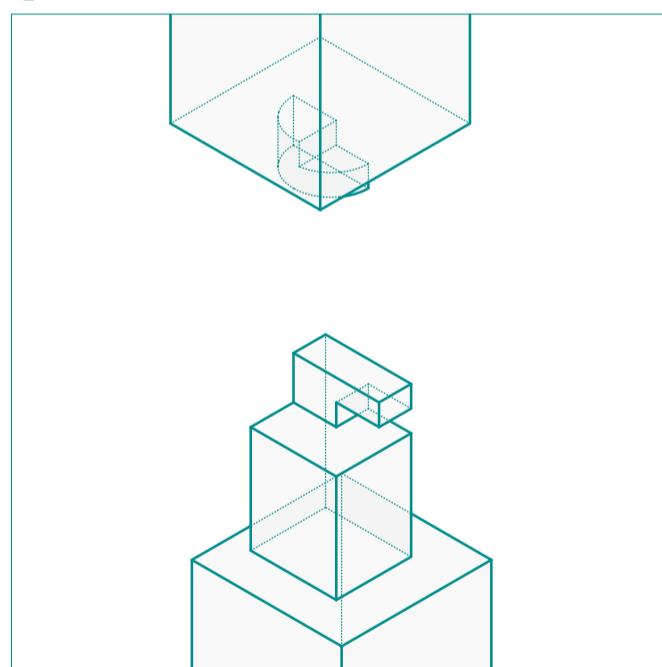
Unit assembly

Structural diagram
1:100 & 1:20 | A2
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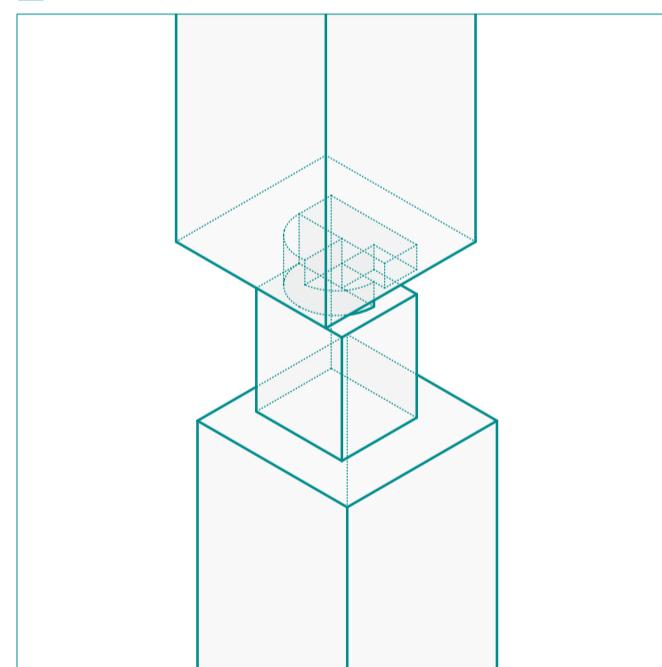




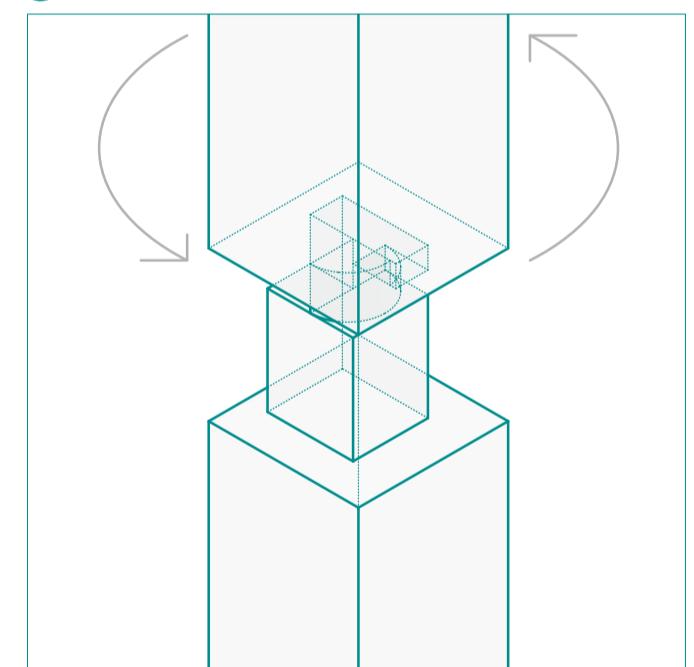
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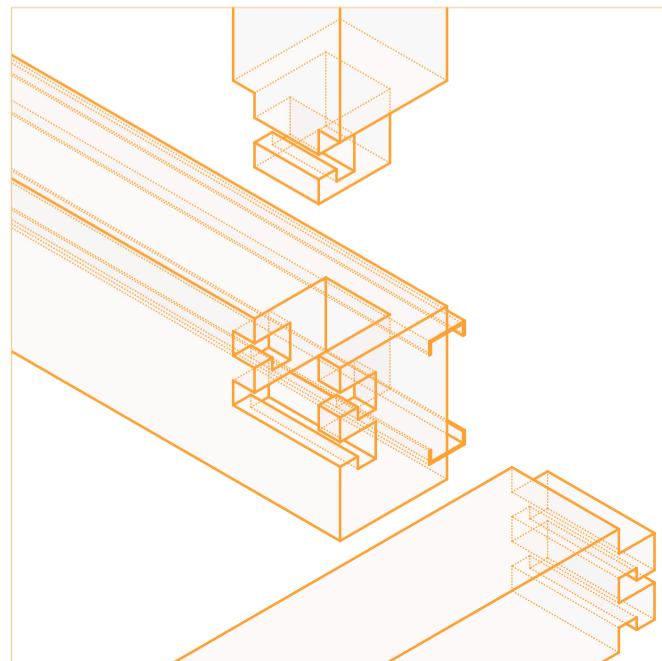
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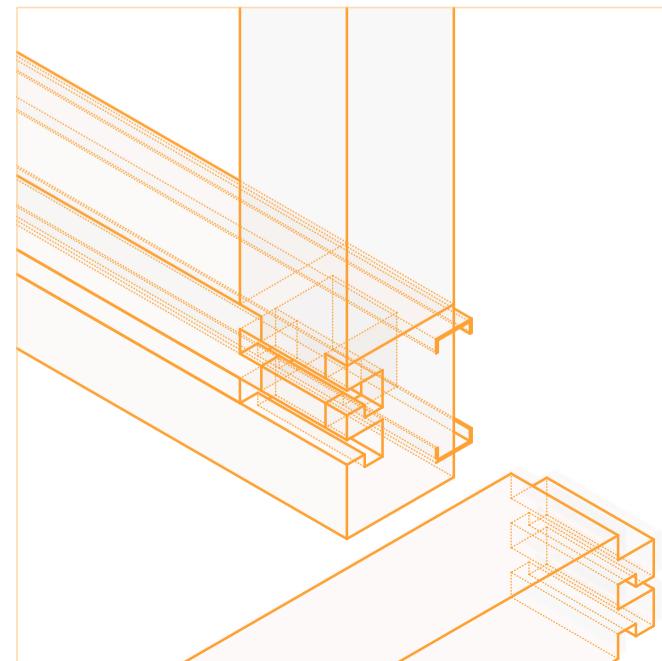
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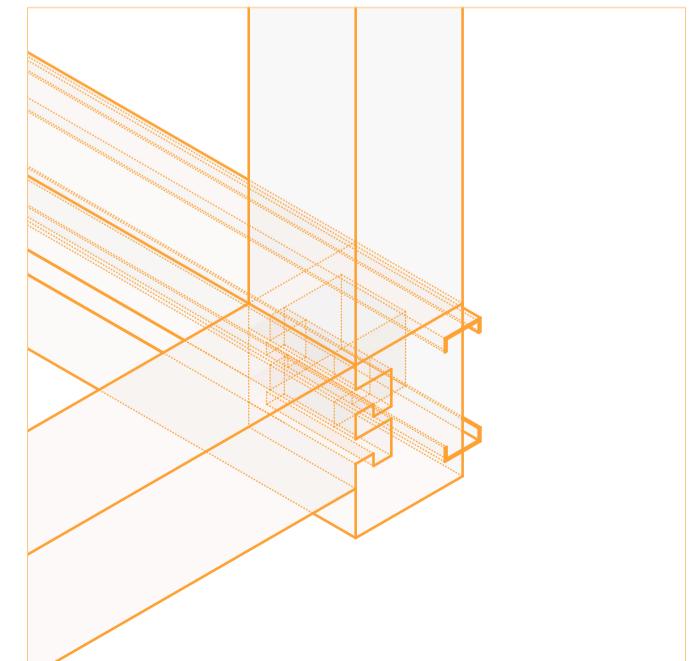
1



2



3



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**Shaping the user experience of architecture
through evidence-based design**

Design drawings

Šimon Kngettig | 2023/2024

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Universal City Studios. Back to the Future. Accessed January 23, 2024. <https://www.catchplay.com/sg/ed-says/article-2217-rchxfa61>.