

Bachelor-Thesis an der Hochschule Luzern - Technik & Architektur

Titel	Vorhandene Masse – neue Komposition
Diplomand	Lehner, Maurice
Bachelor-Studiengang	Bachelor Architektur
Semester	FS25
Dozent	Althaus, Peter
Experte	Burch, Oliver

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Abstract

Das KSB steht exemplarisch für das materielle Erbe des 20. Jahrhunderts: 50'000 Tonnen Beton. Die Vision für das KSB-Areal ist es, den Altbau nicht als Abbruchmasse, sondern als wertvolle urbane Mine zu verstehen, welche in ein urbanes Bauteillager transformiert werden soll, da es sich unsere Gesellschaft nicht länger leisten kann, funktionstüchtige Materialien downzucyclen oder zu vernichten. Ziel ist es, eine zirkuläre Baukultur zu etablieren, bei der Gebäude als urbane Materiallager begriffen und mit Blick auf Zerlegbarkeit und Wiederverwendung geplant werden.

Statt strikt an der jetzigen Form des Altbaus festzuhalten, soll durch selektiven Rückbau eine neue städtebauliche Figur geformt werden. Zwischen den beiden mächtigen Spitalbauten soll ein neuer grosszügiger Freiraum entstehen, der die städtebauliche Achse des Areals bis in den südlichen Erholungspark weiterführt. Der westliche Teil des Altbaus wird zu einer strukturellen Ruine, während der östliche Teil erhalten bleibt und durch eine Neukomposition auf dem Sockelbau ergänzt wird.

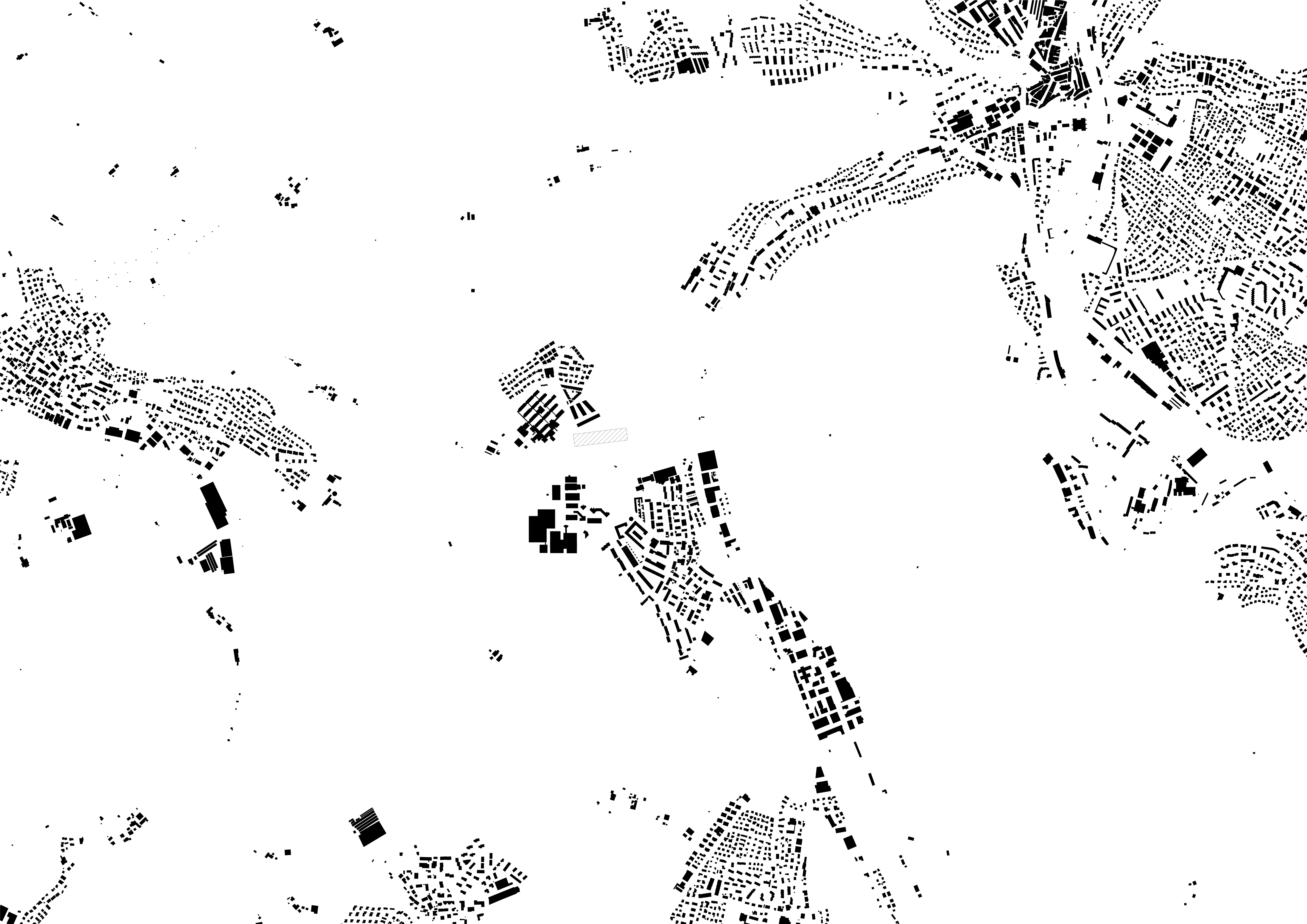
Das KSB-Areal soll so zum Vorzeigeprojekt für eine regenerative Architektur werden und einen Ansatz für ein neues Ressourcenmanagement liefern.

Abstract Englisch

The KSB is exemplary of the material heritage of the 20th century: 50,000 tonnes of concrete. The vision for the KSB site is to see the old building not as demolition rubble, but as a valuable urban mine that is to be transformed into an urban building component warehouse, as our society can no longer afford to downcycle or destroy functional materials. The aim is to establish a circular building culture in which buildings are understood as urban material warehouses and planned with a view to dismantling and reuse.

Instead of strictly adhering to the current form of the old building, a new urban figure is to be formed through selective dismantling. A new, spacious open space is to be created between the two mighty hospital buildings, which will continue the urban axis of the site into the southern recreation park. The western part of the old building will become a structural ruin, while the eastern part will be preserved and supplemented by a new composition on the base building.

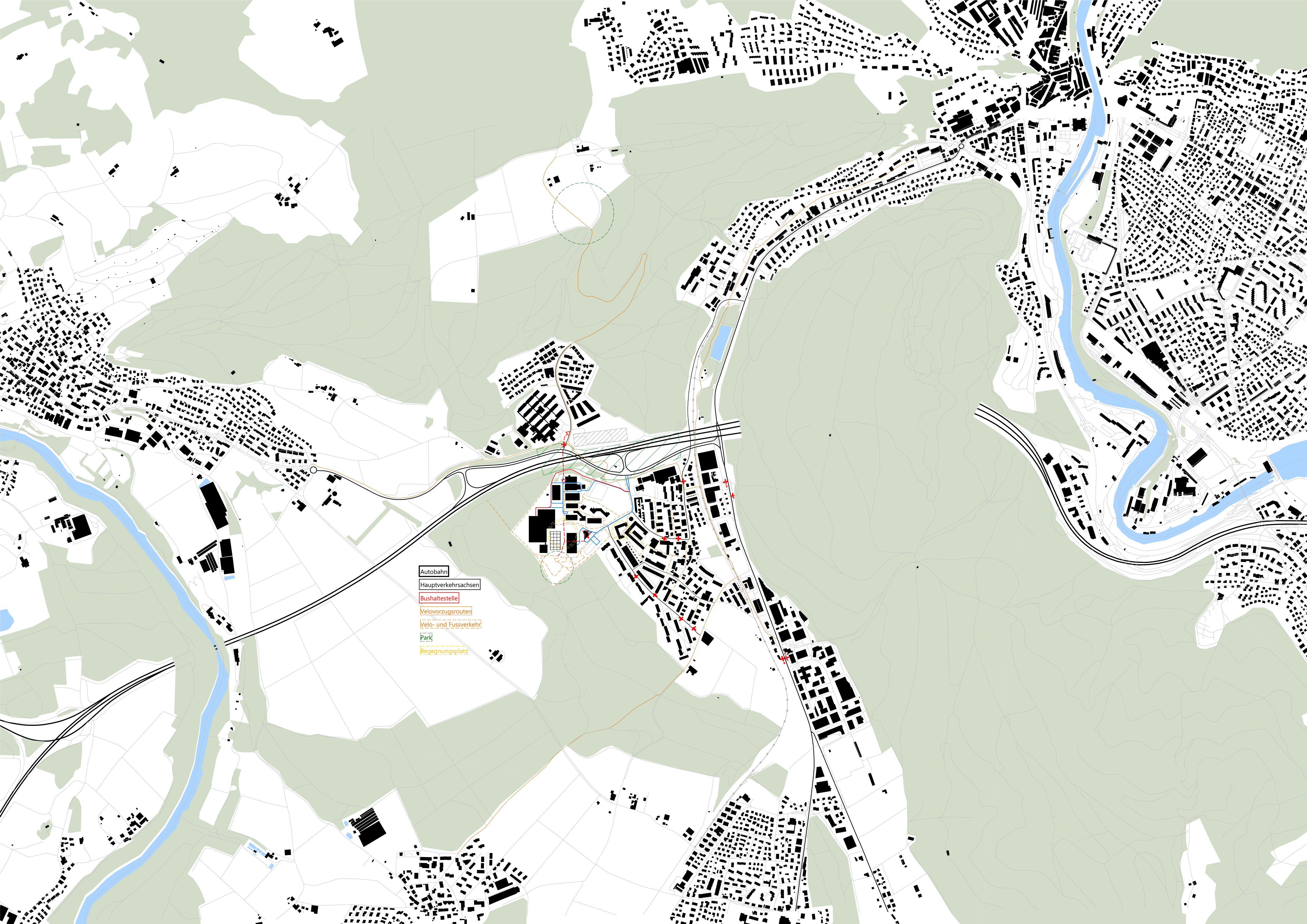
The KSB site will thus become a showcase project for regenerative architecture and provide an approach for new resource management.



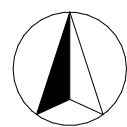
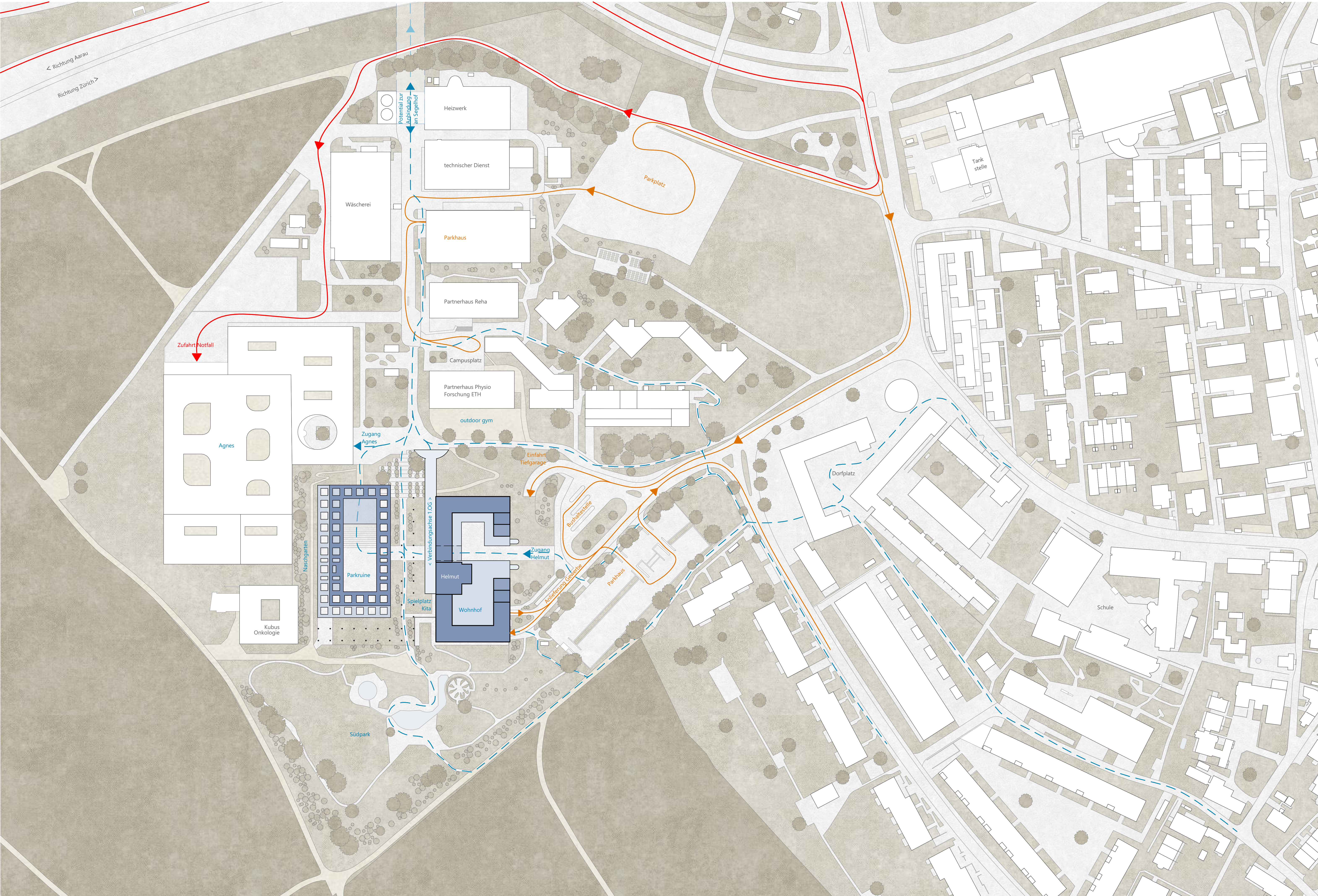


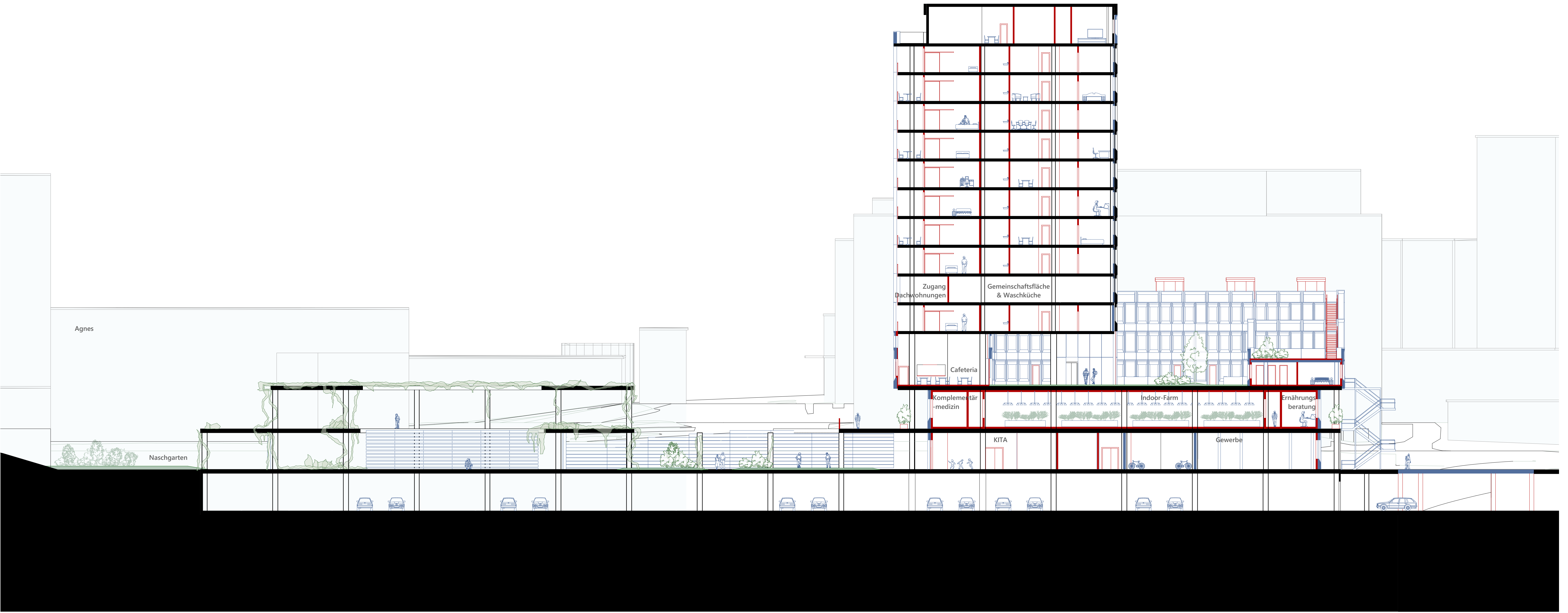


- Öffentliche Bauten
- Gewerbe
- Wohnen EFH
- Wohnen MFH
- Mischnutzung
- Infrastrukturbauten



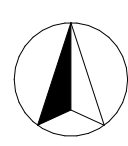
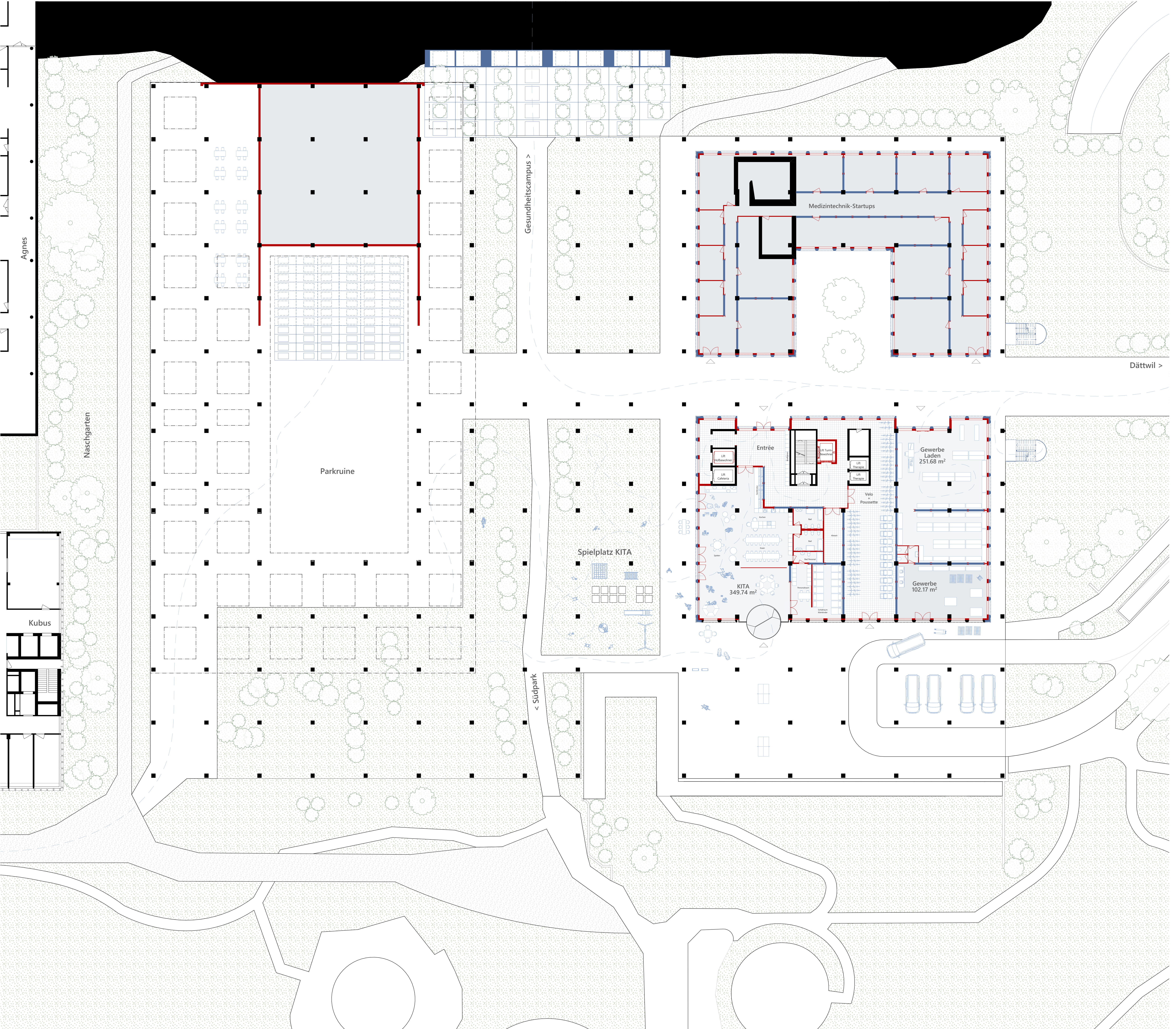
- Autobahn
- Hauptverkehrsachsen
- Bushaltestelle
- Velovorzugsrouten
- Velo- und Fussverkehr
- Park
- Begegnungsplatz

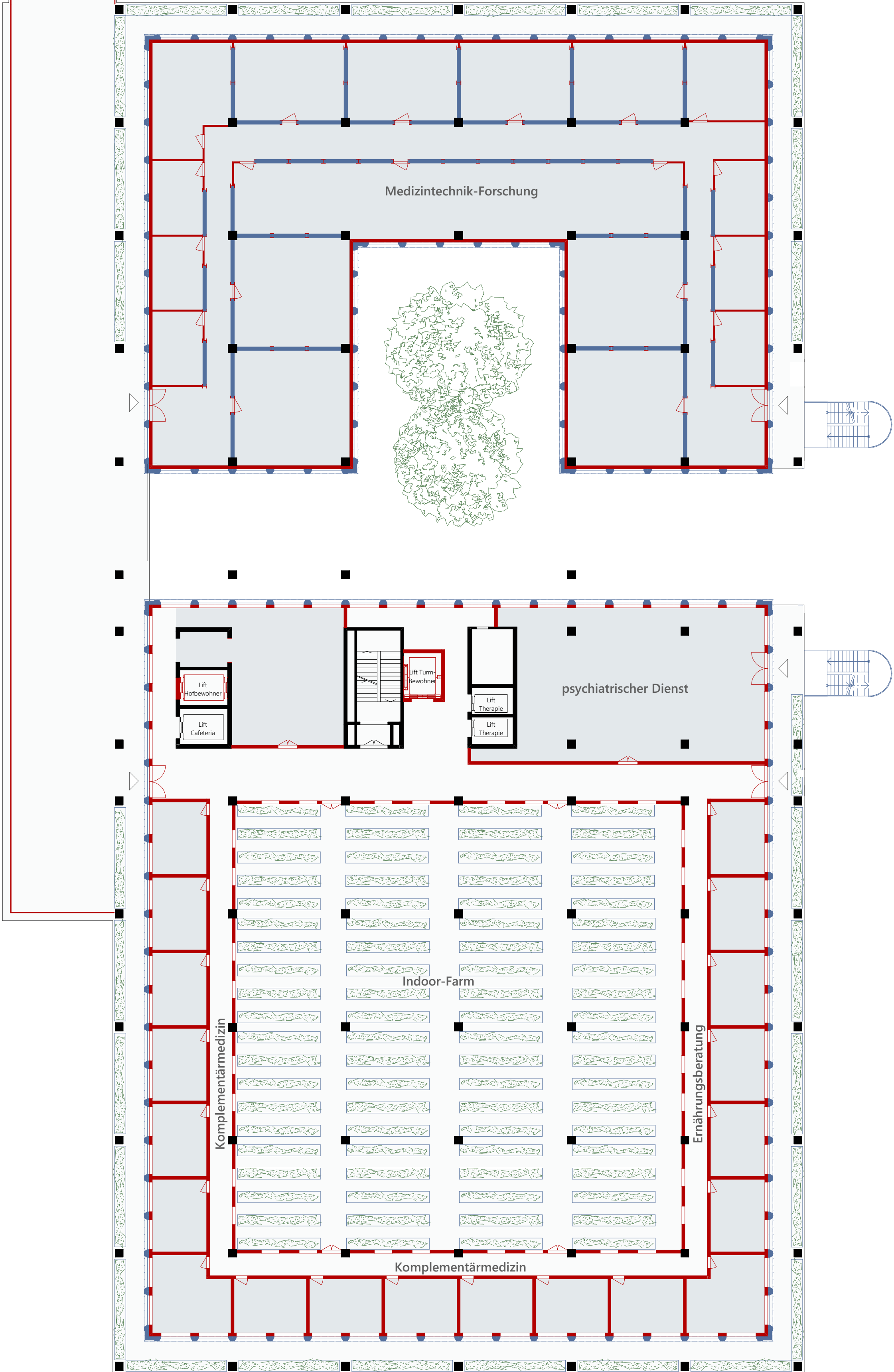




Längsschnitt | 1:200

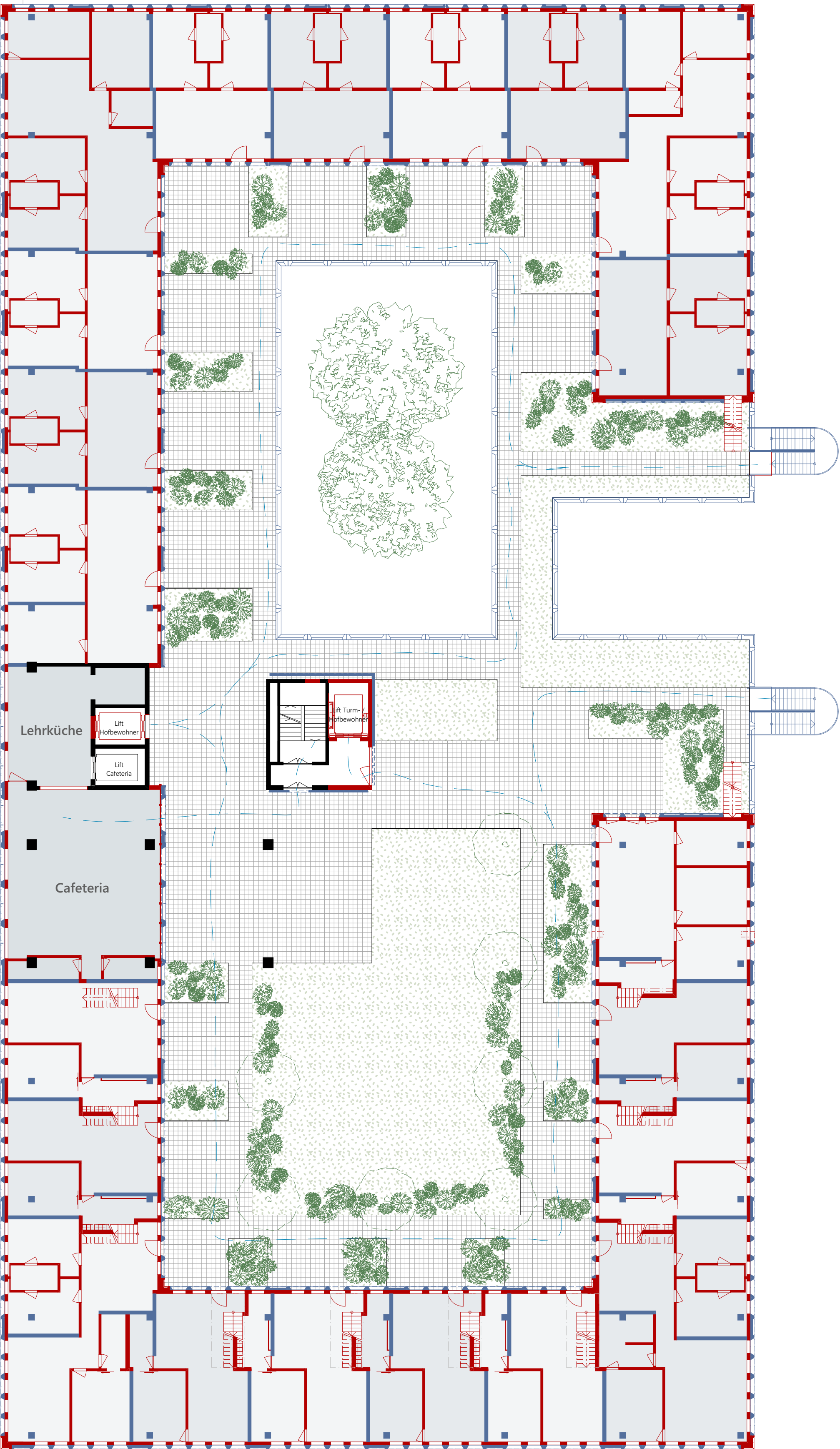
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Bestand
Wiederverwendet
Neu





Umbaustatus:
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Umbaustatus:
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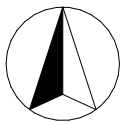


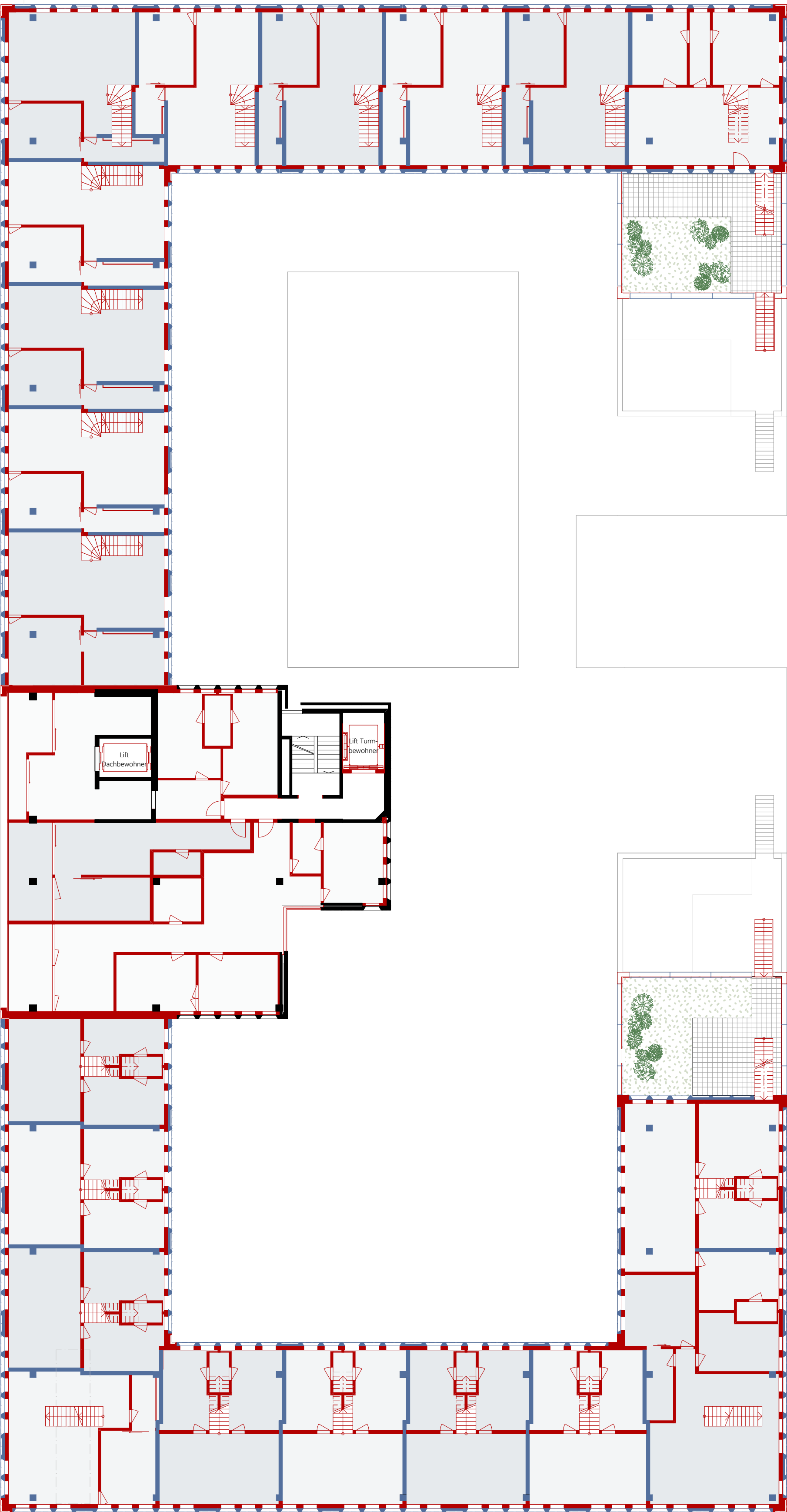
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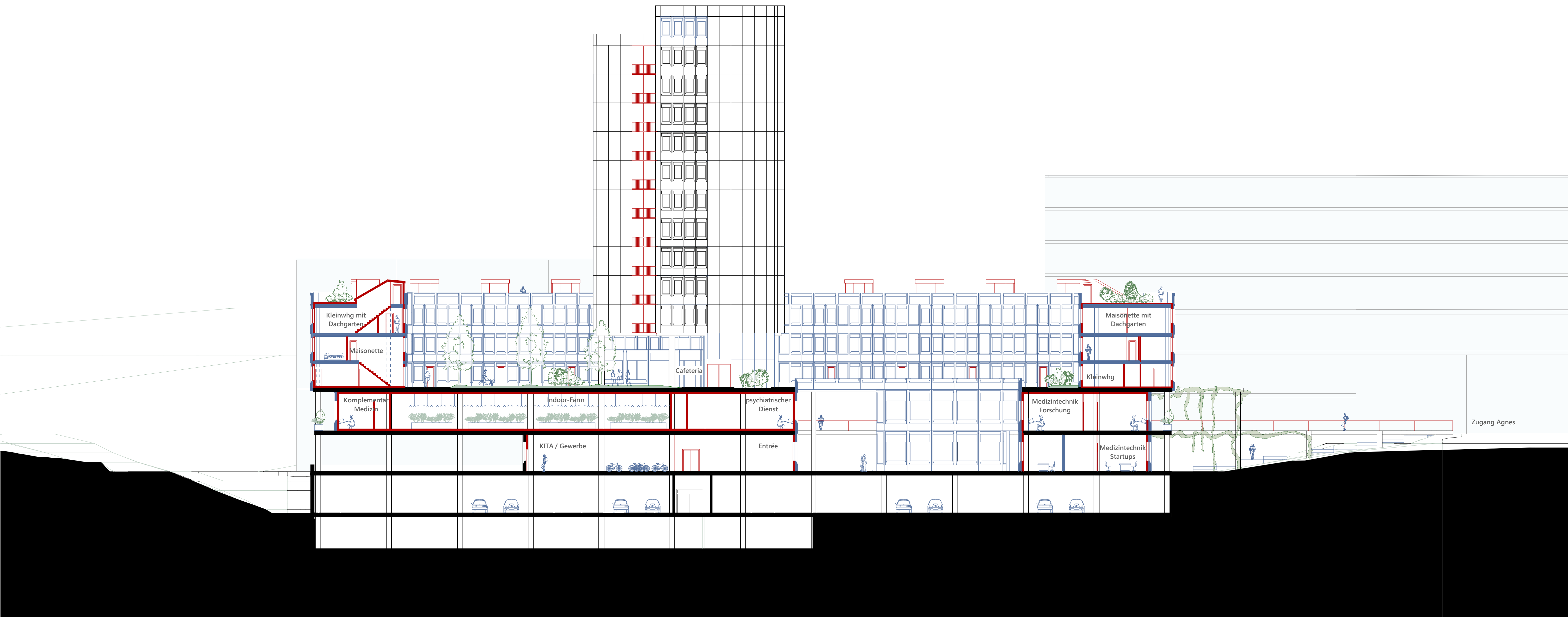
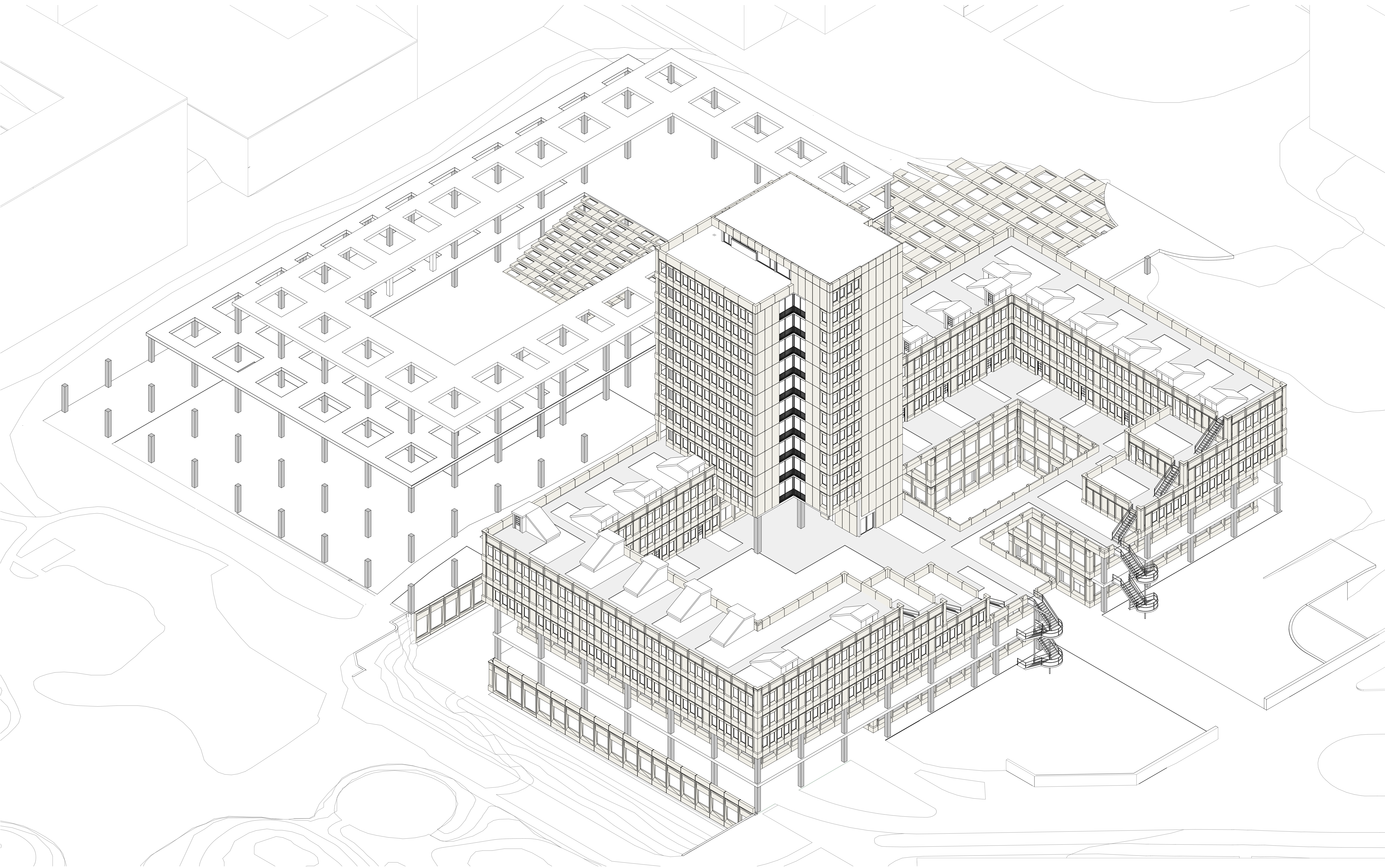
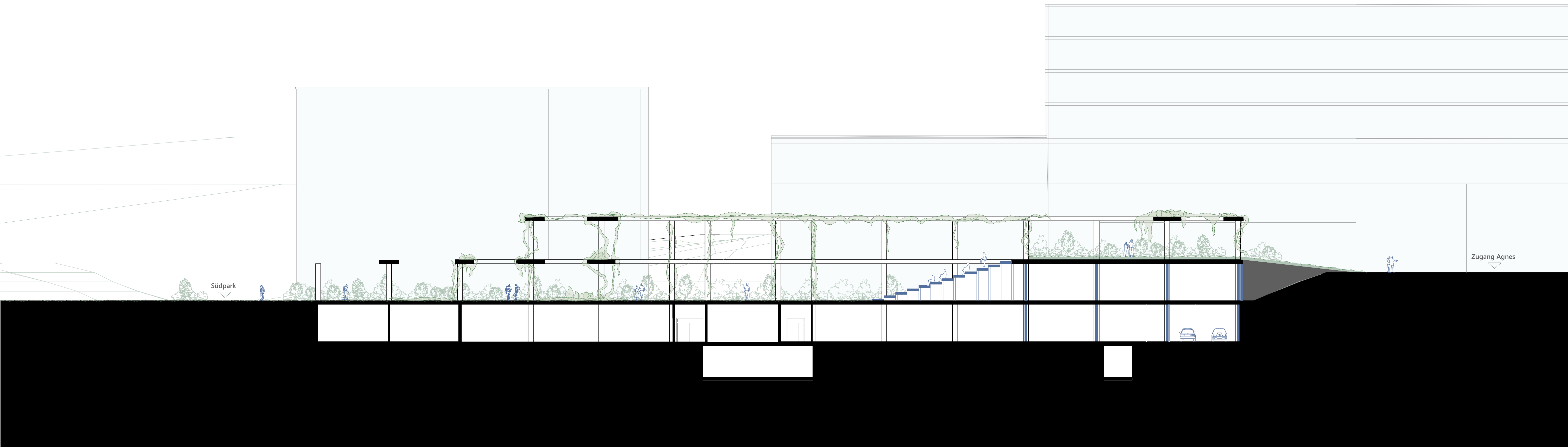
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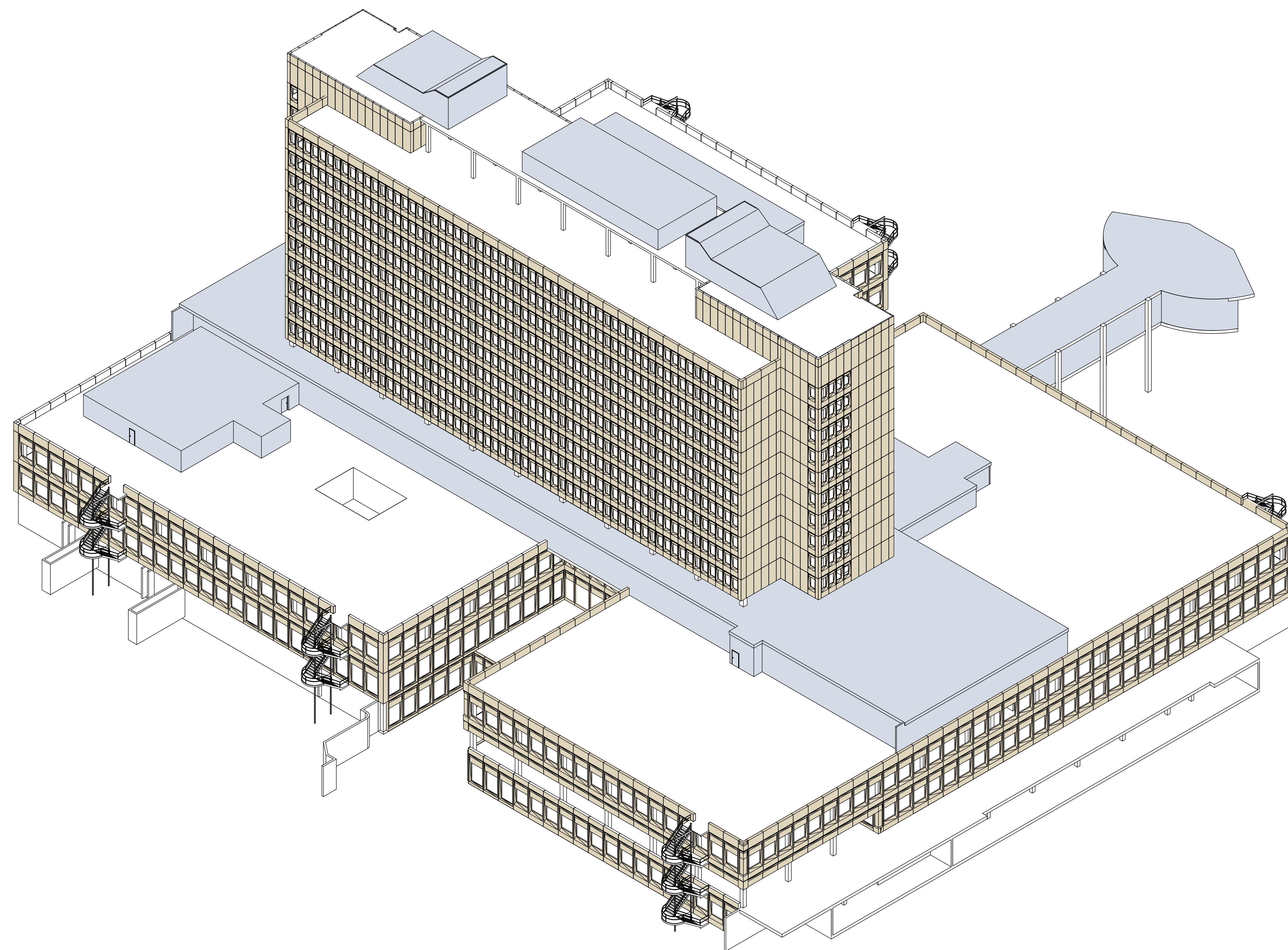


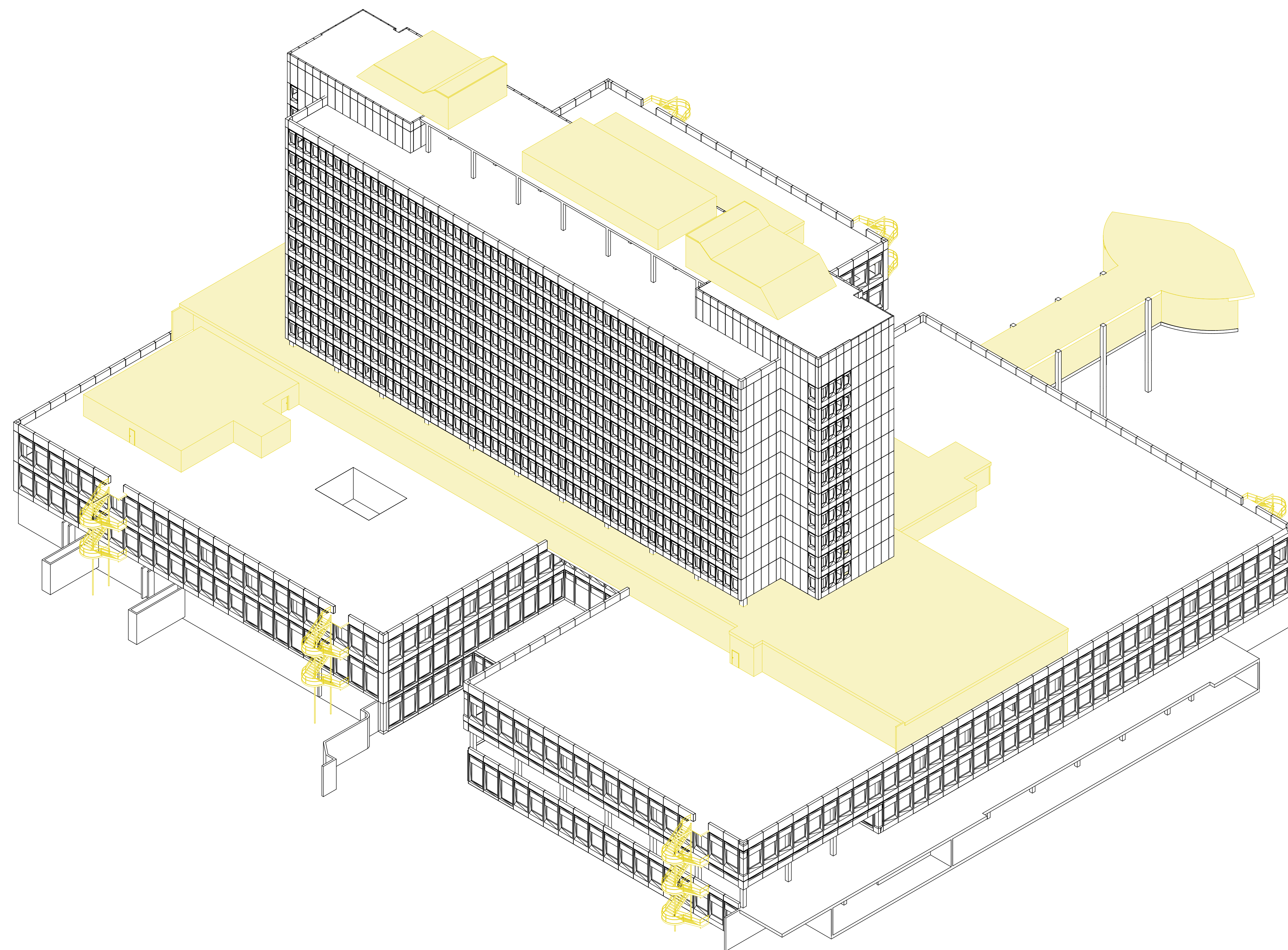


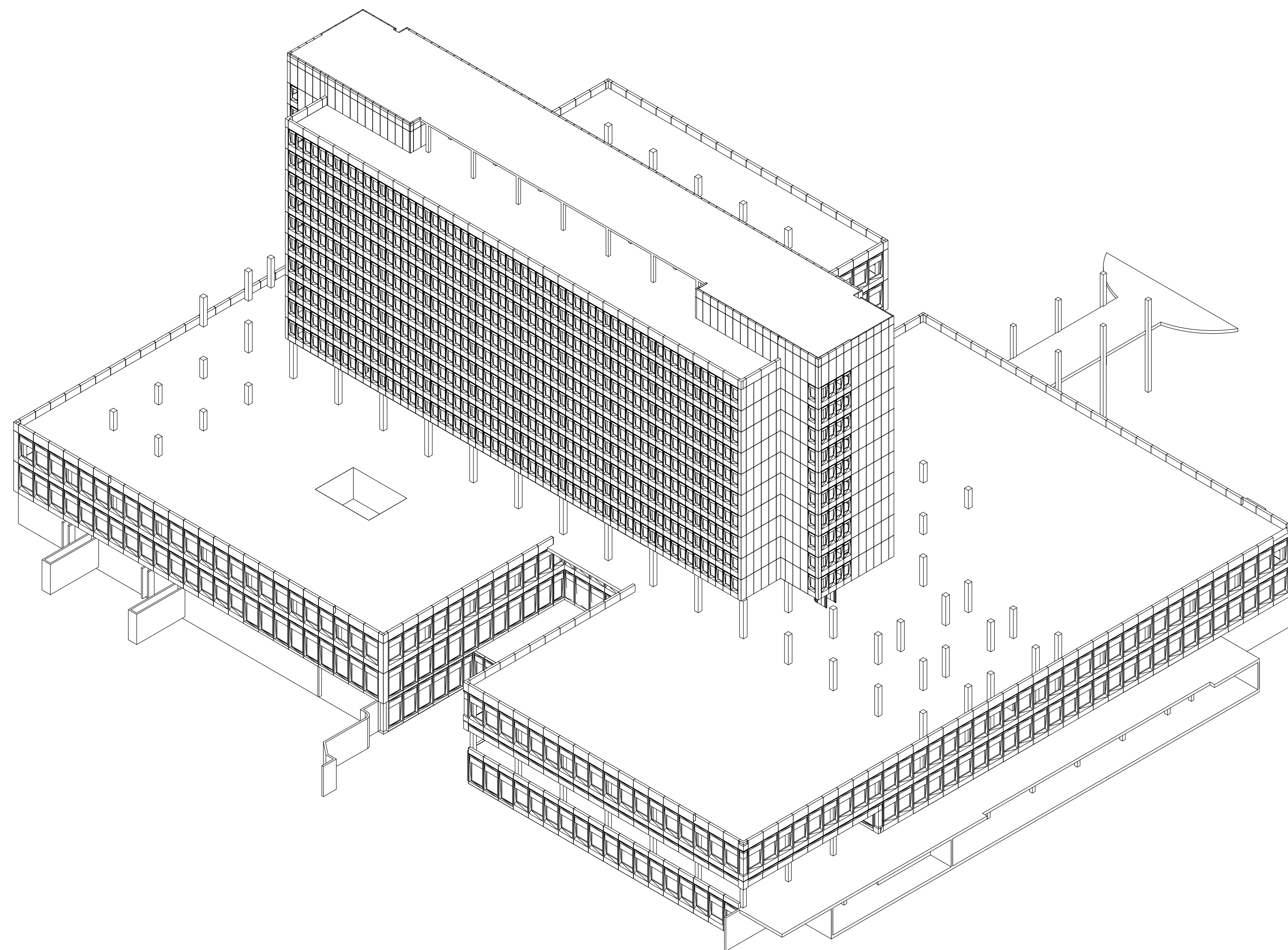
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Wiederverwendet
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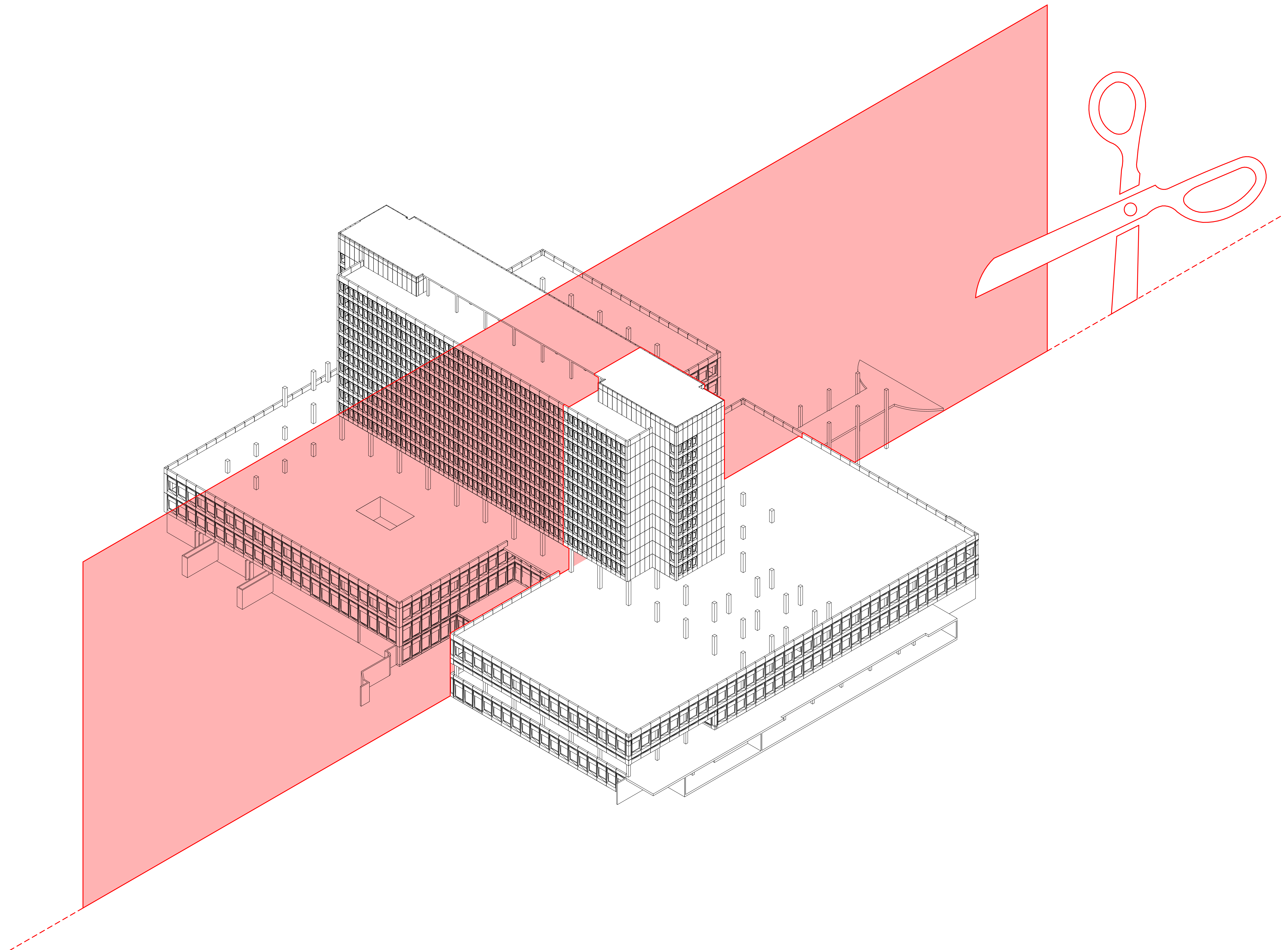


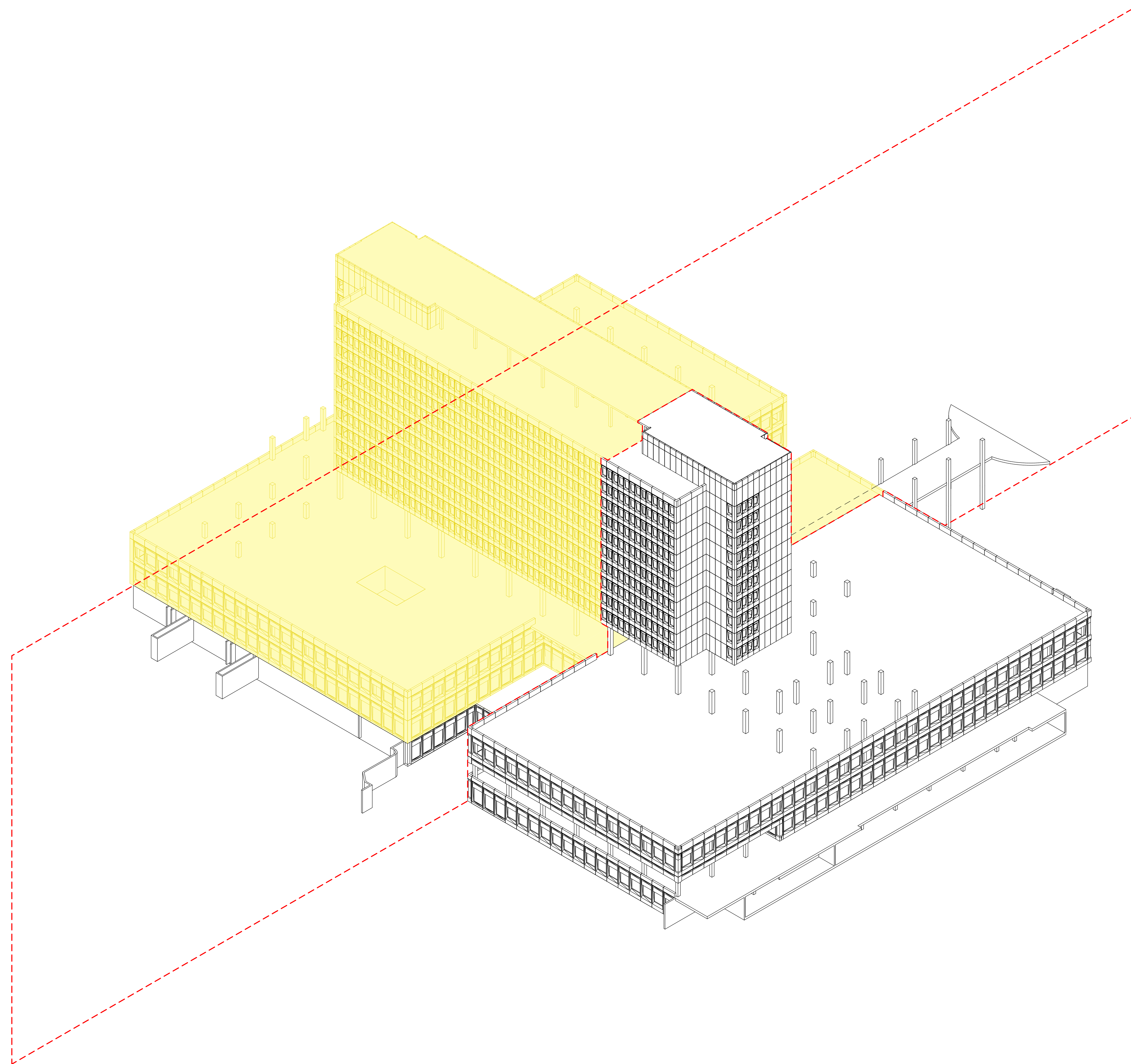


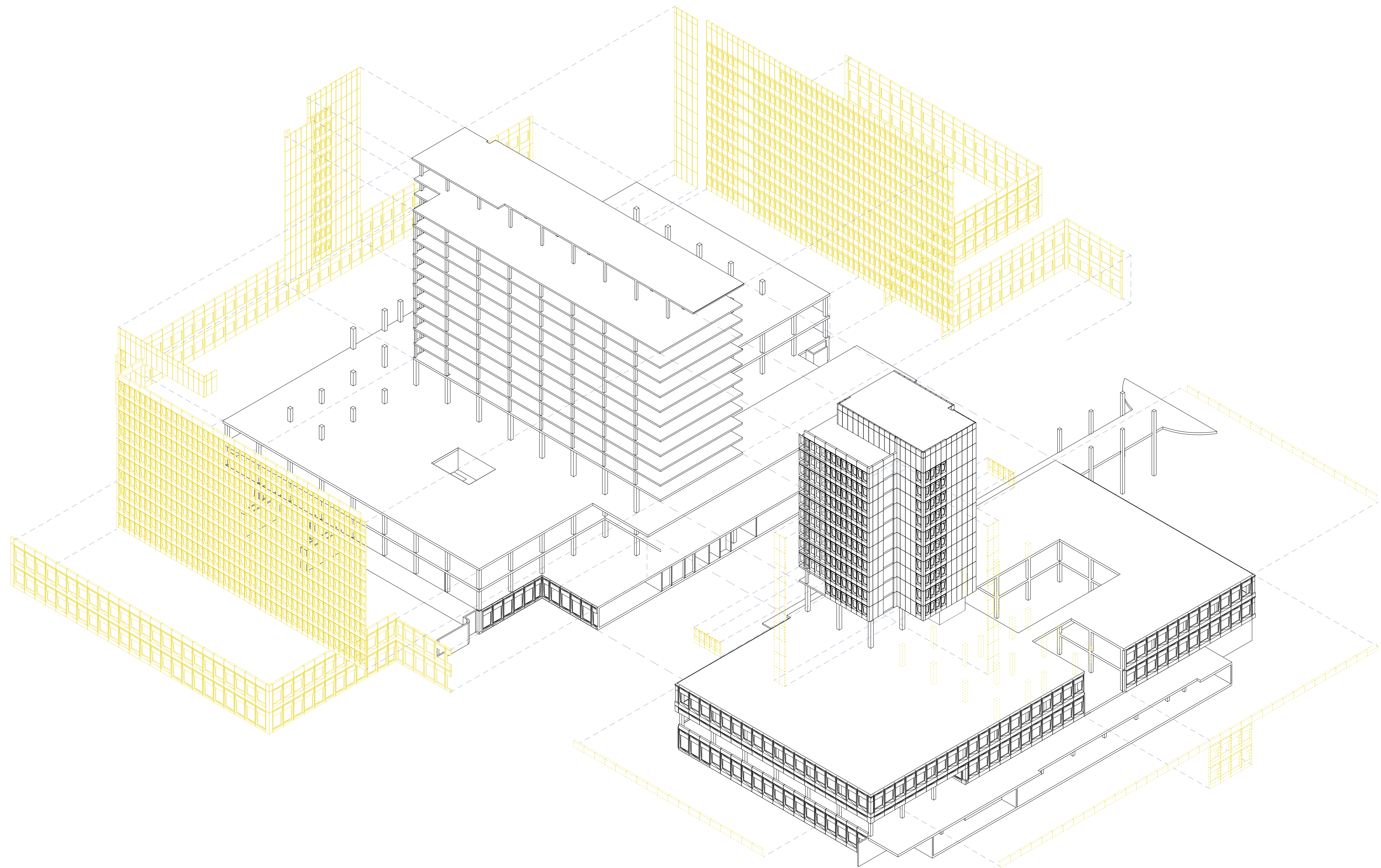


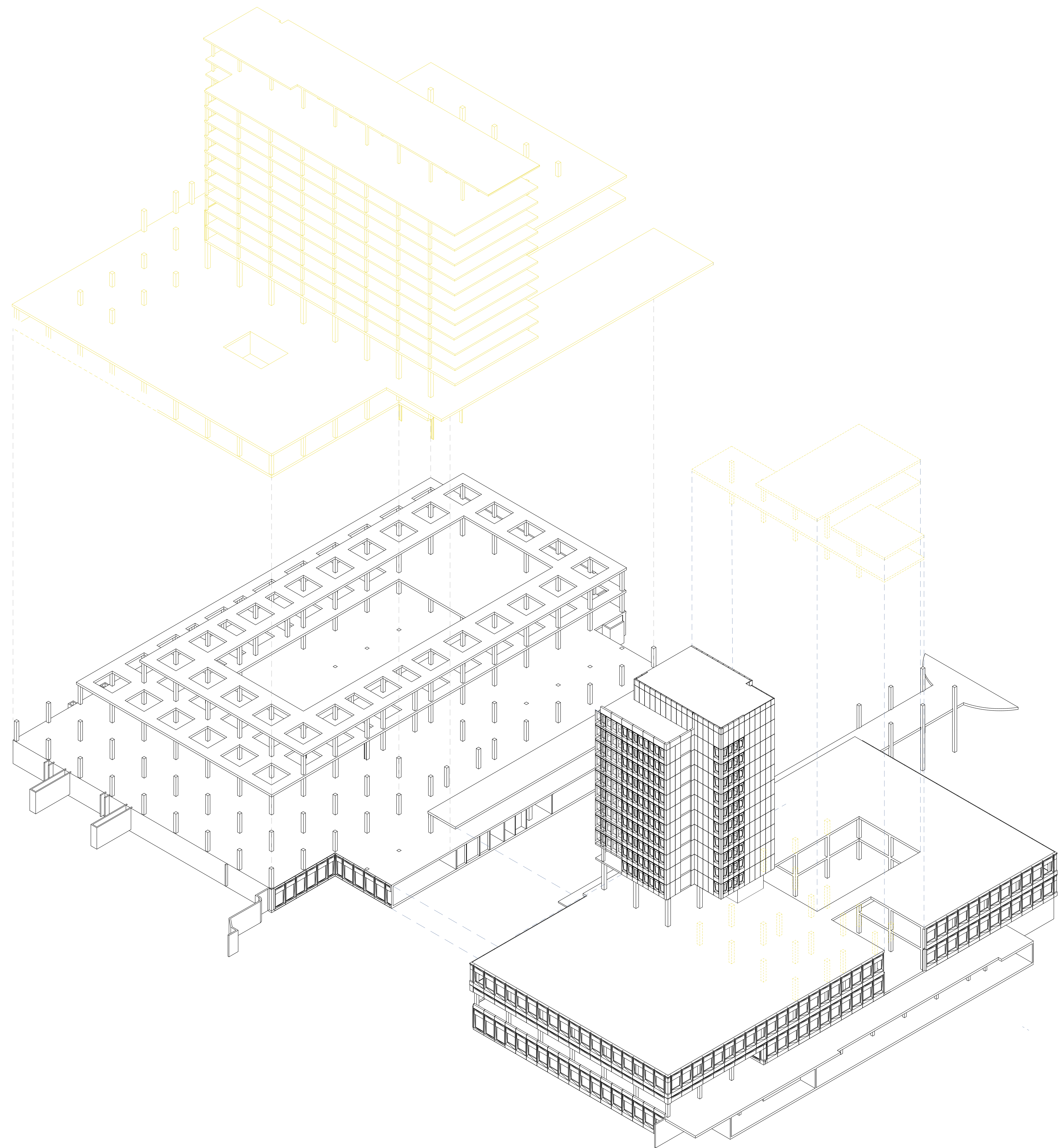


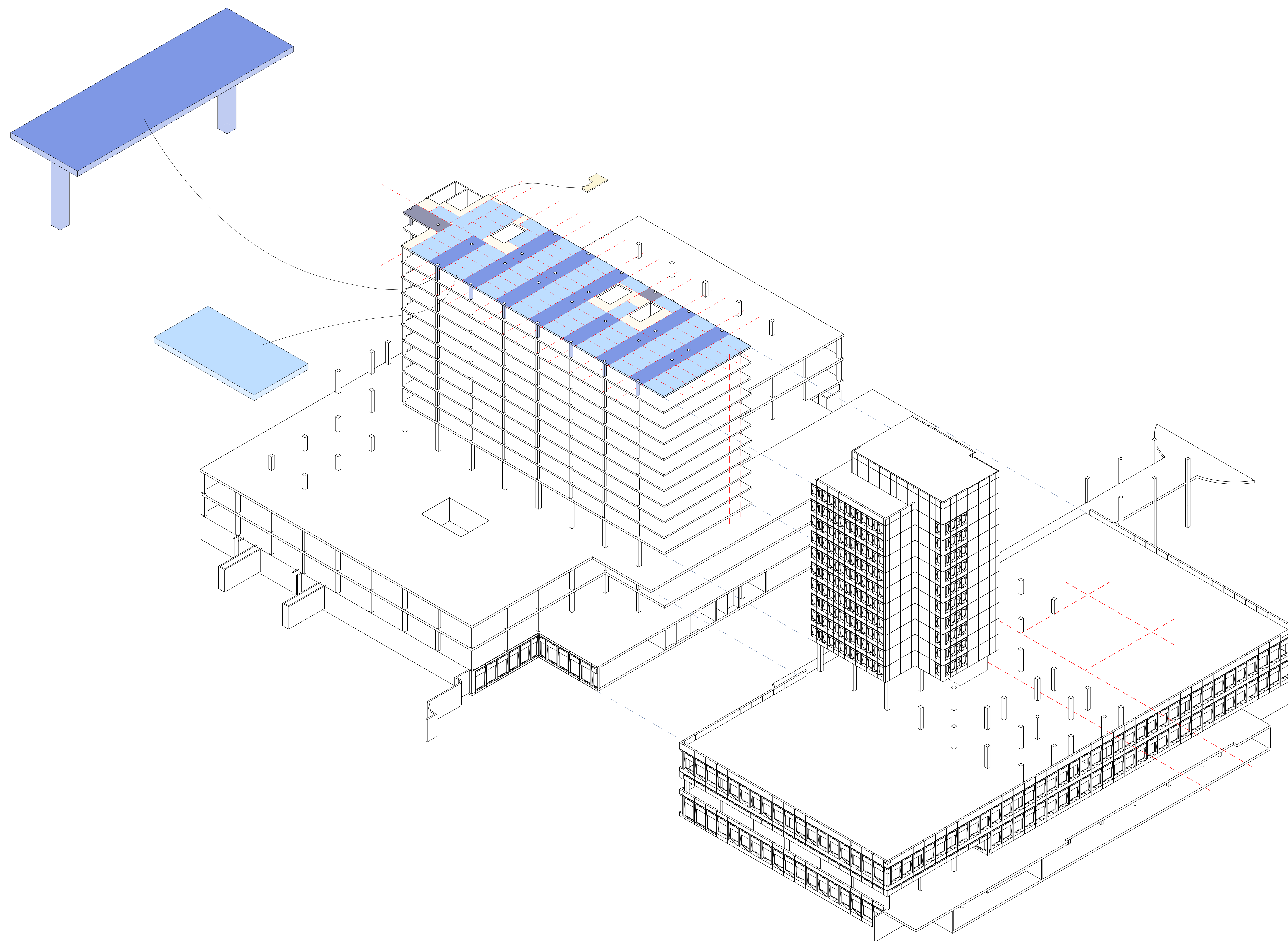


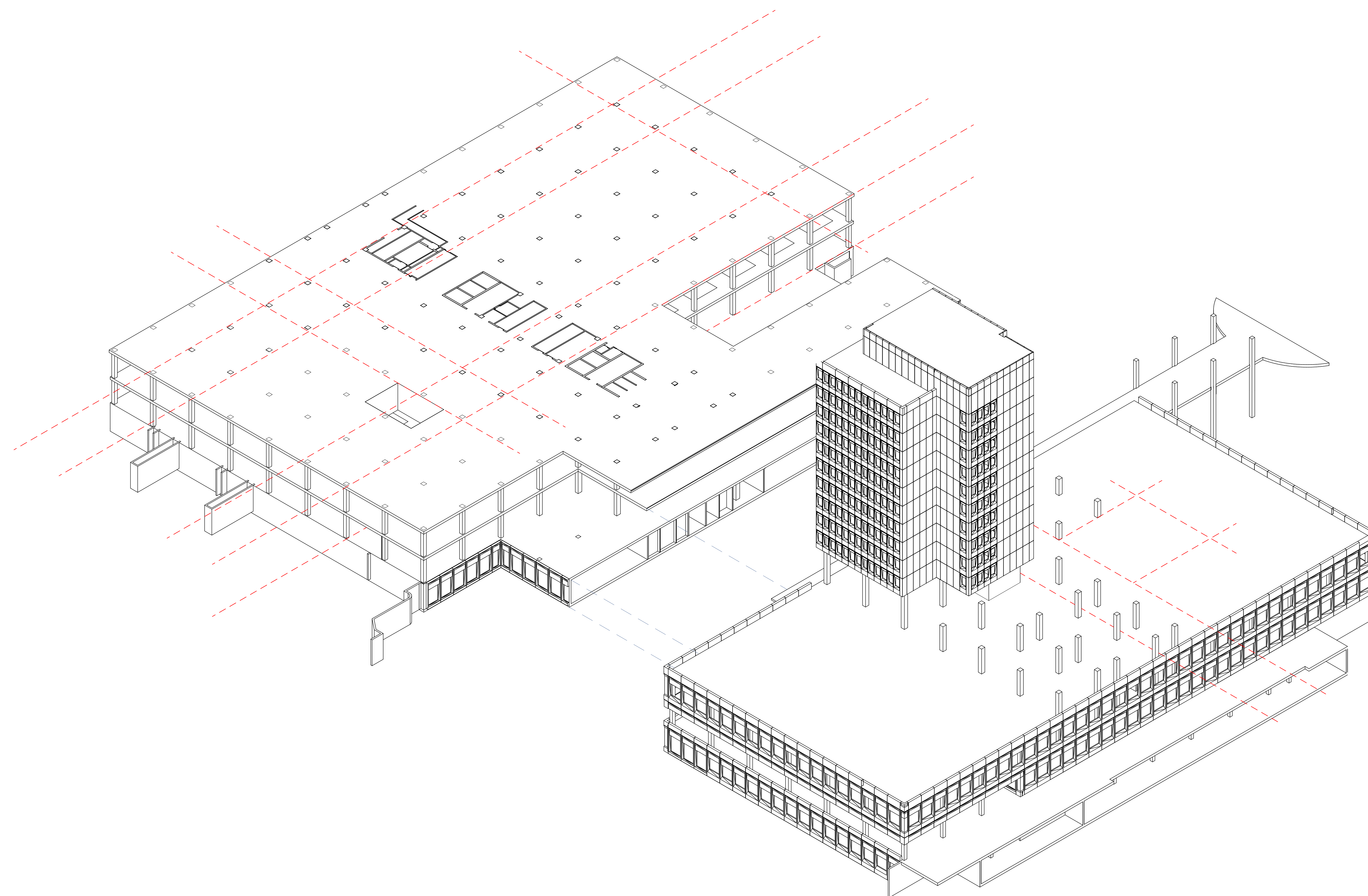


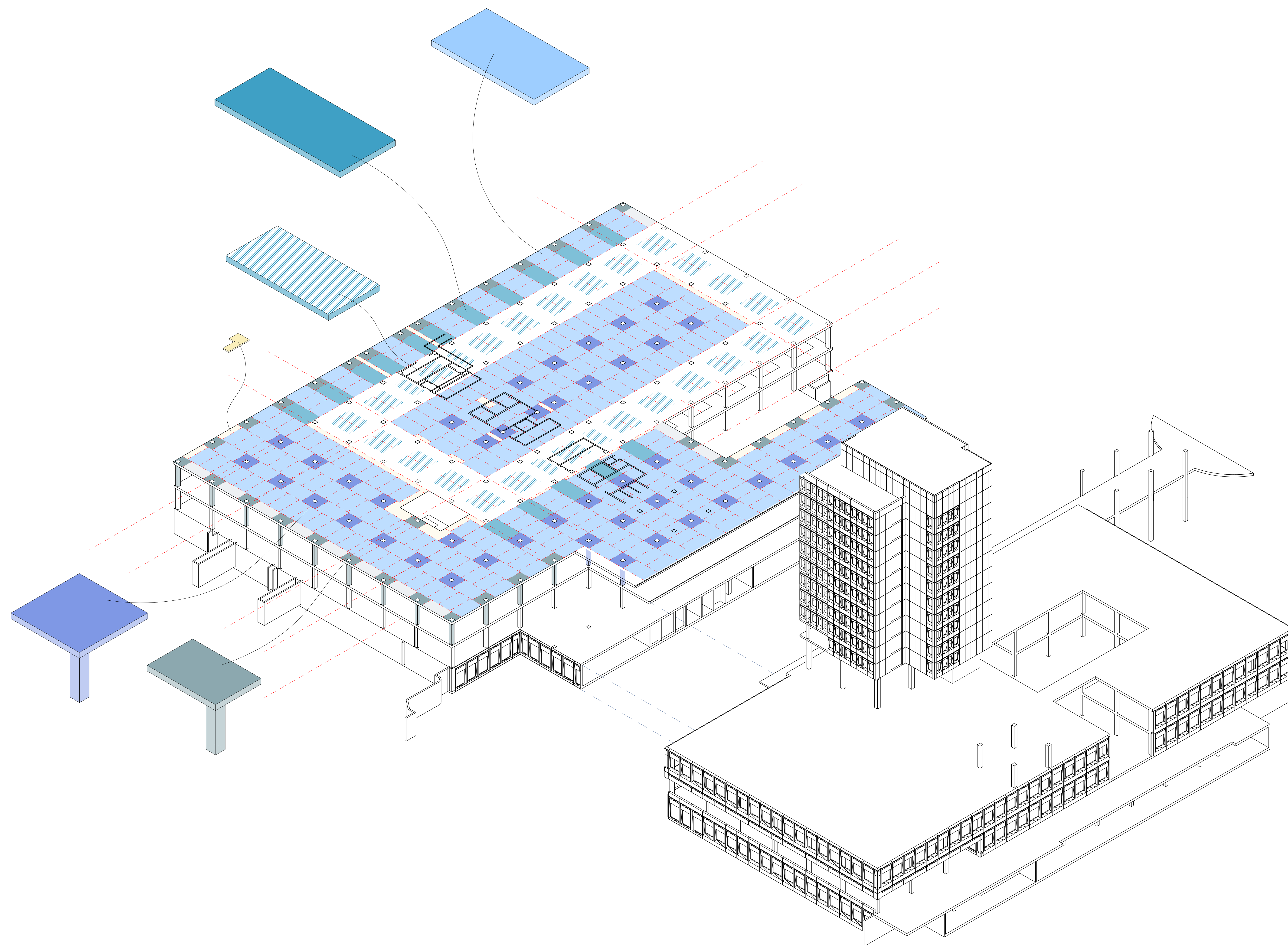


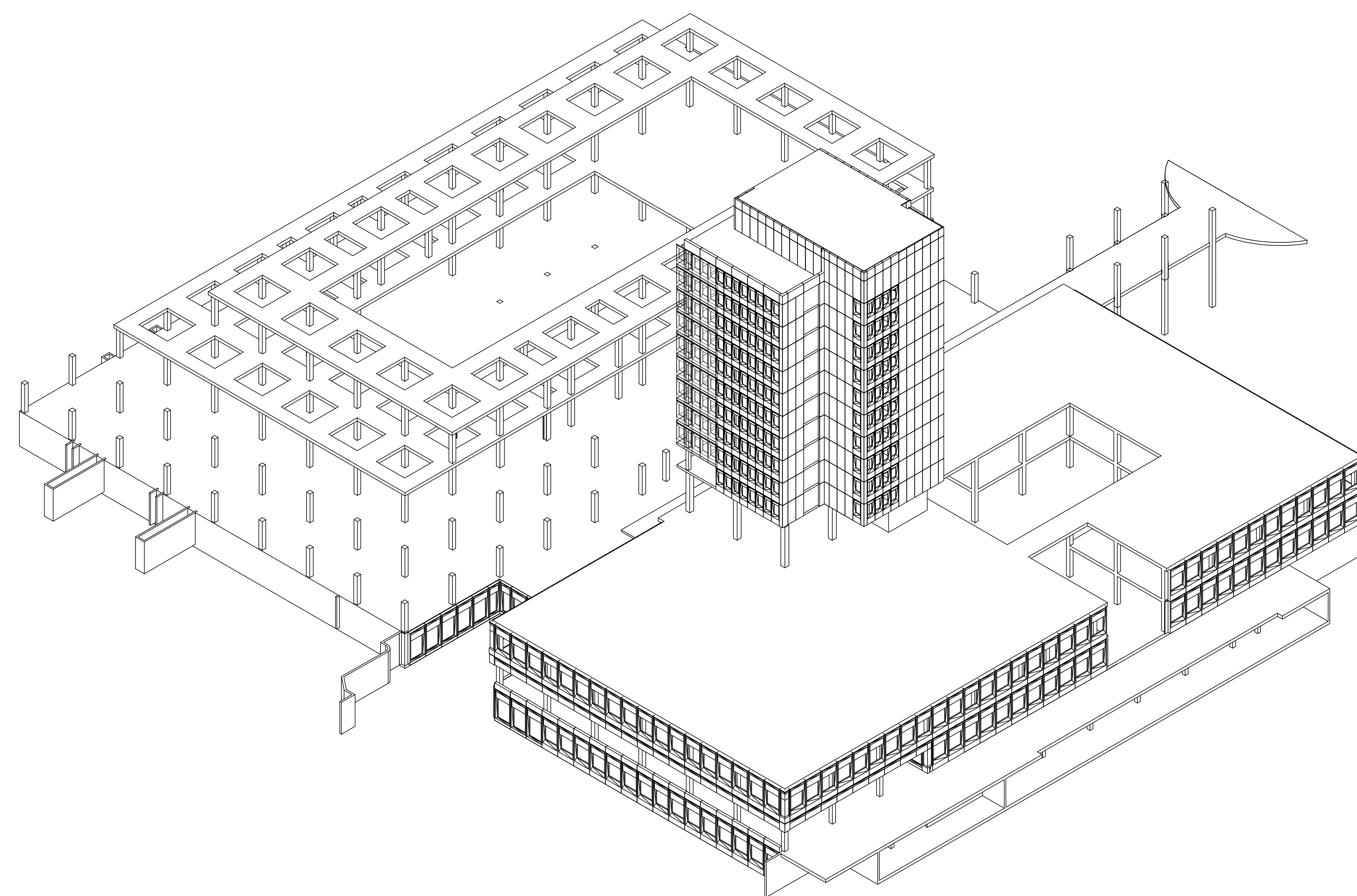


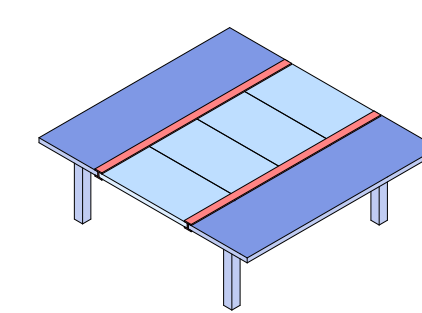
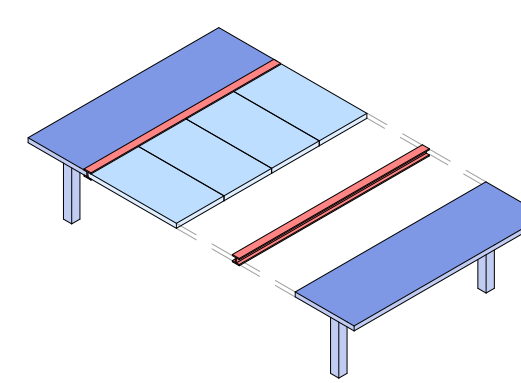
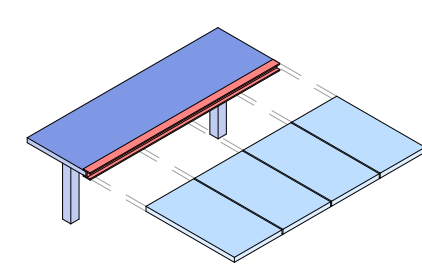
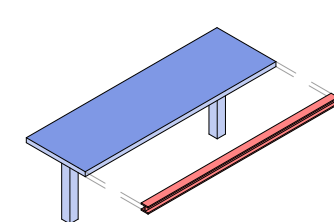
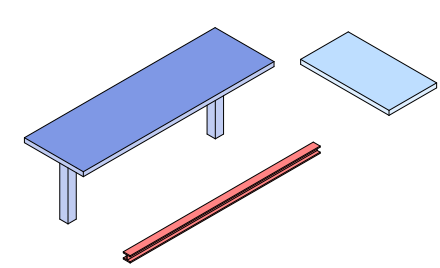


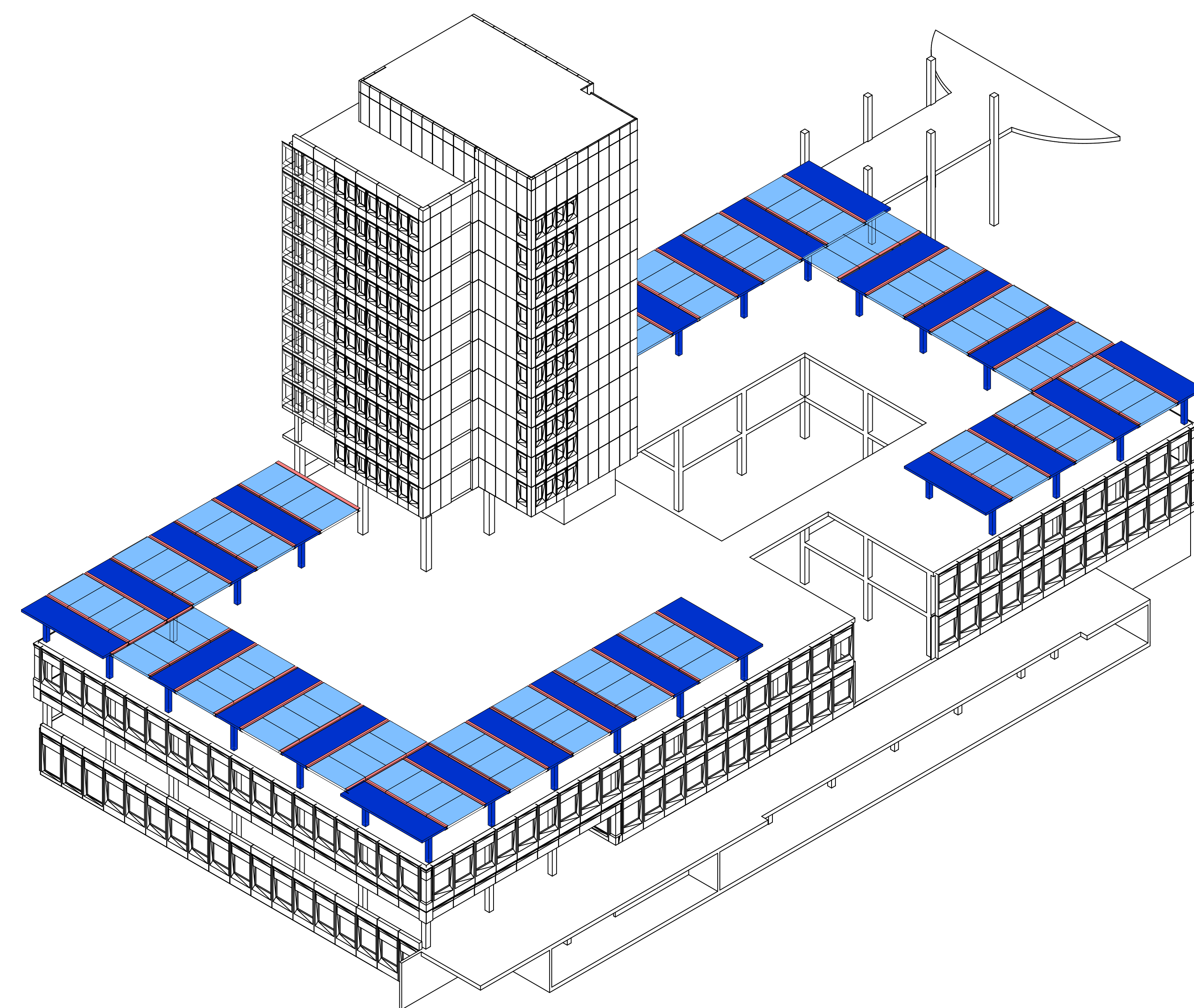


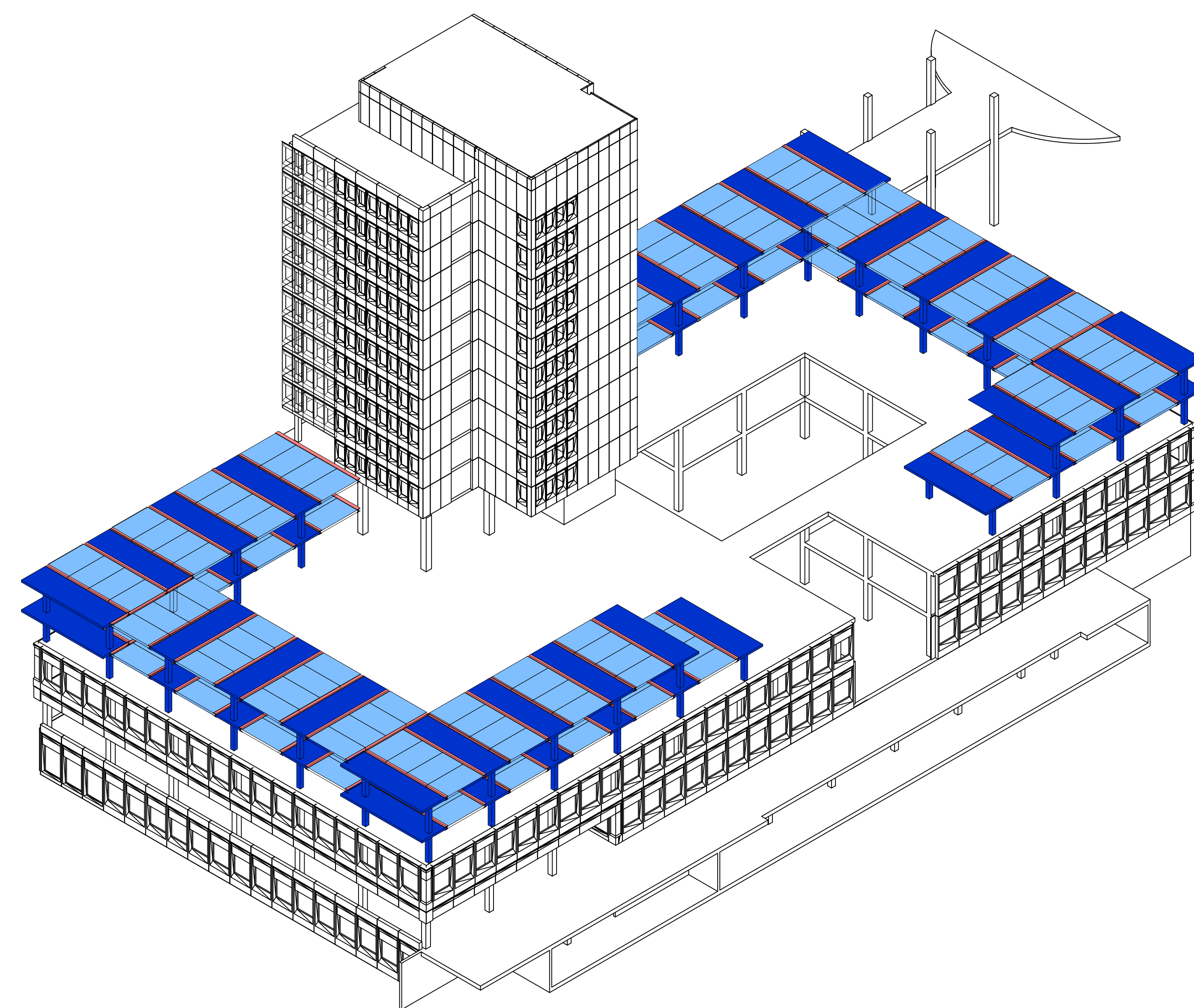


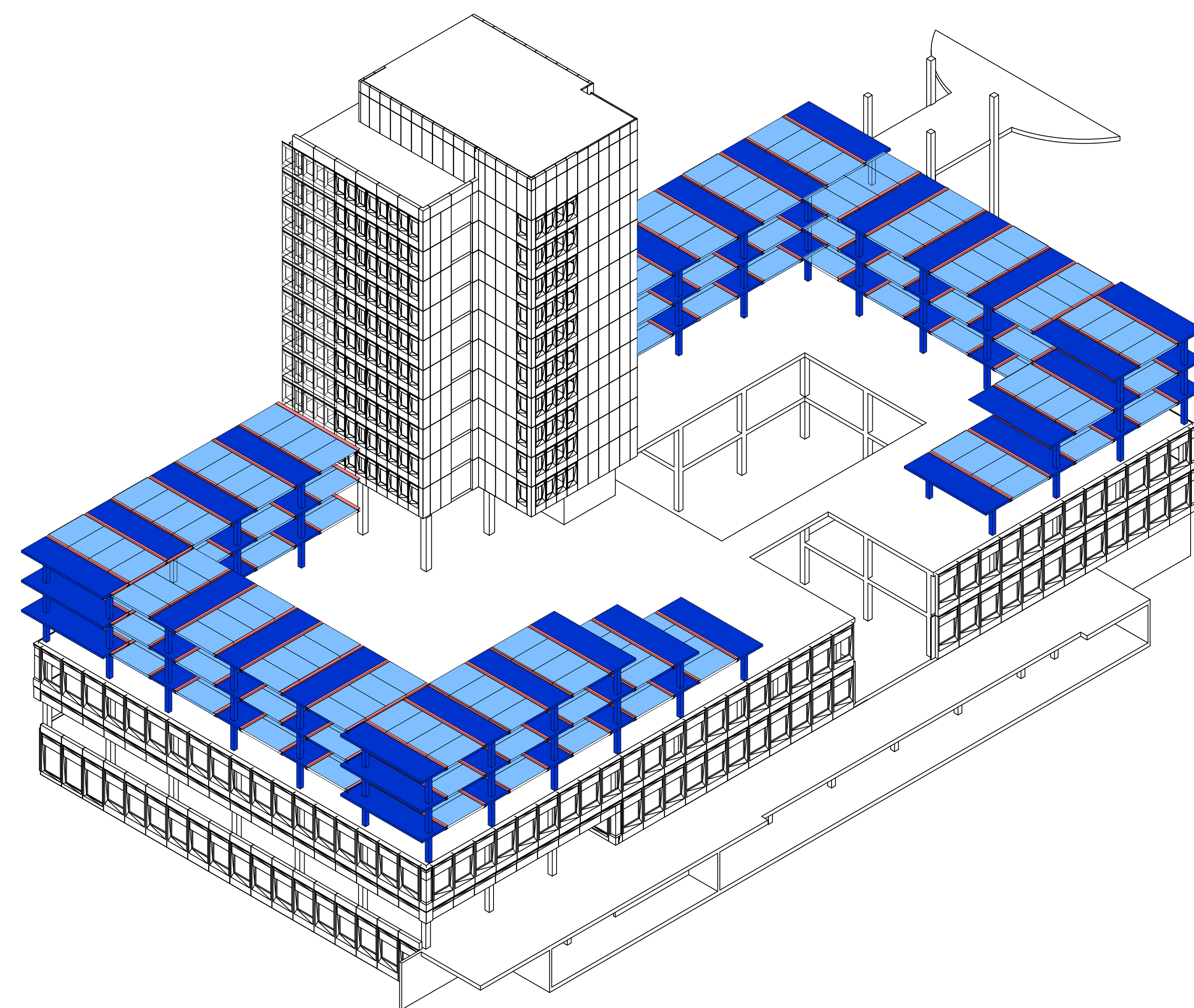


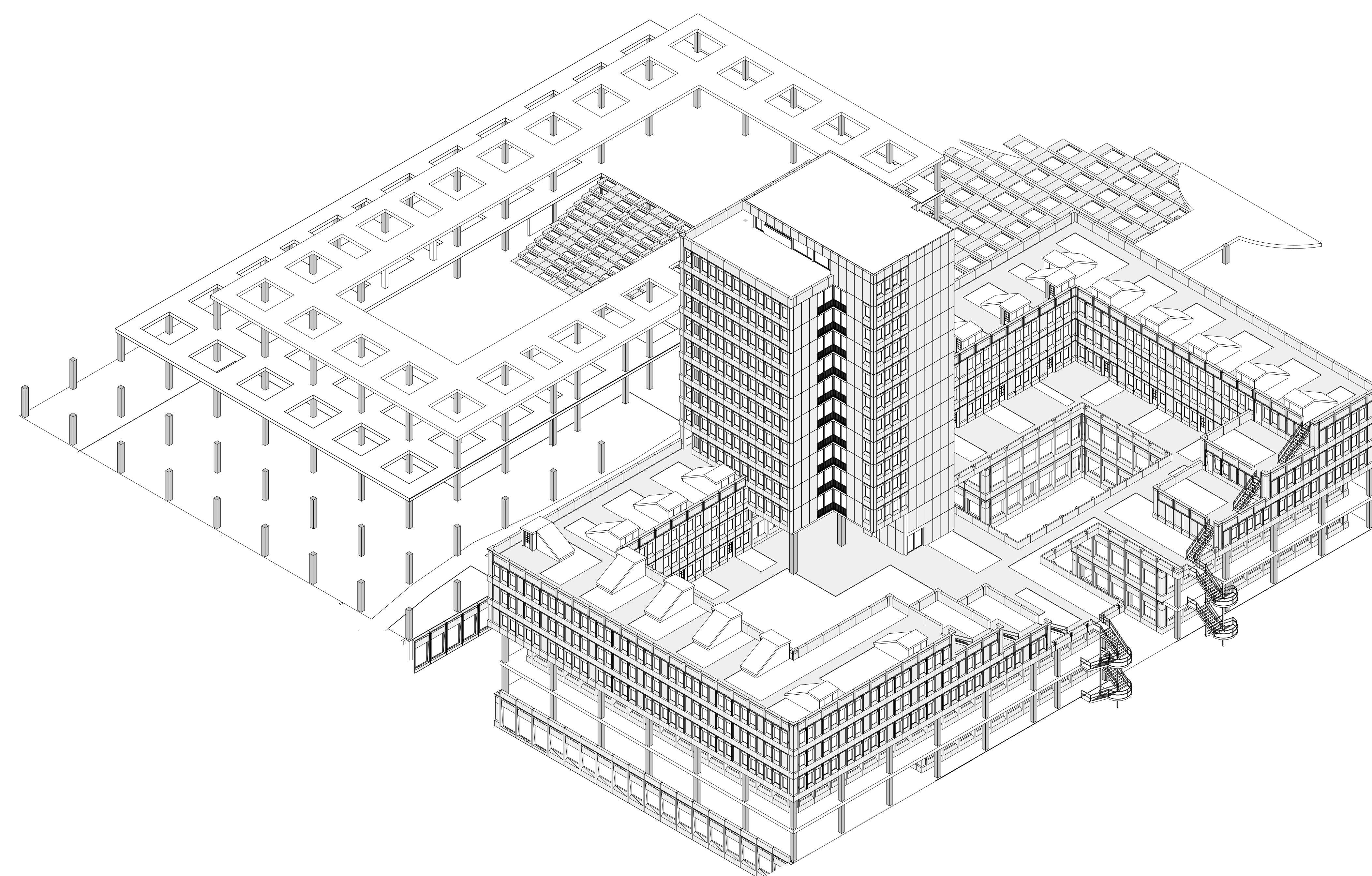


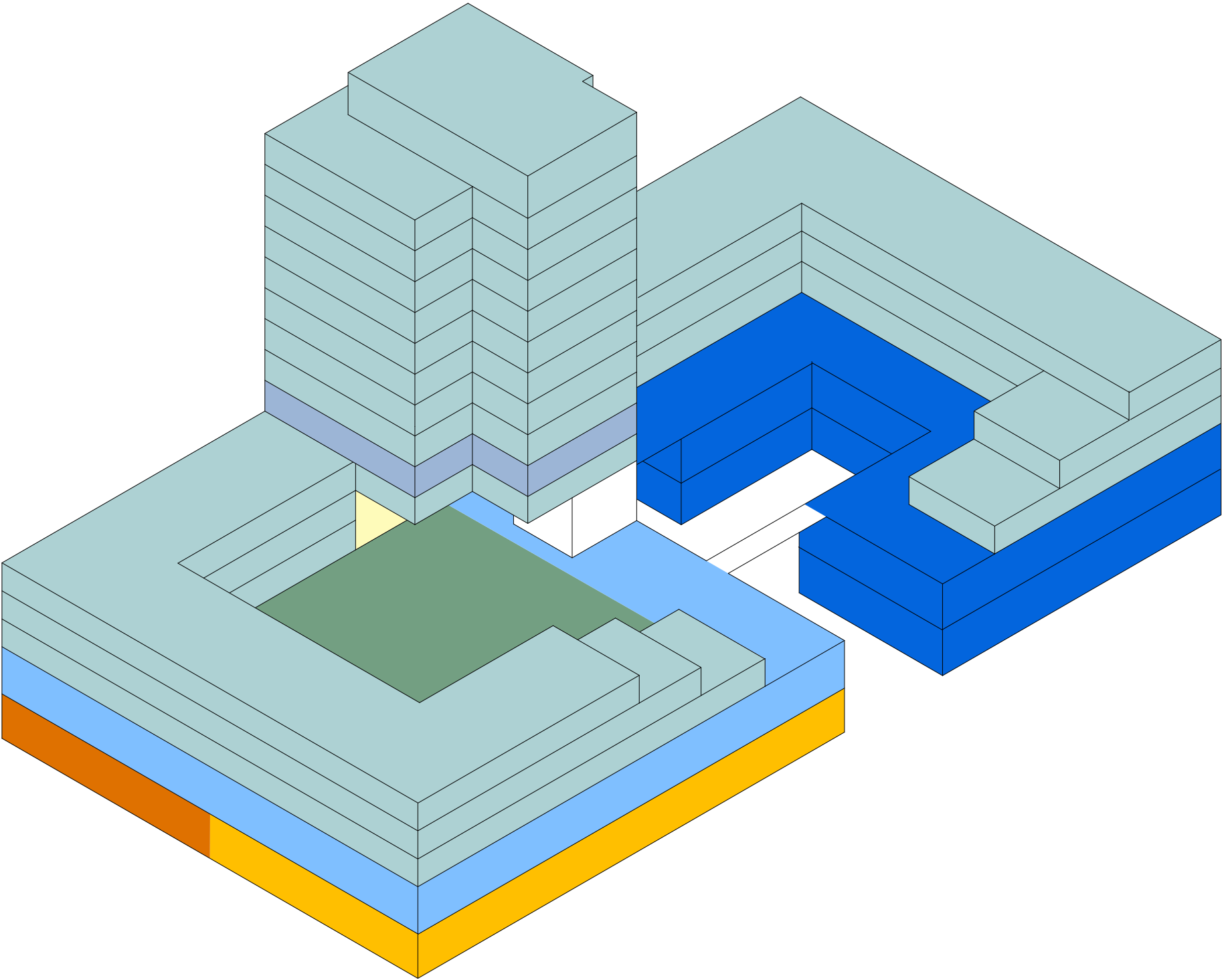












Wohnen

Gemeinschaftsfläche
mit Waschküche

Medizintechnik-Forschung

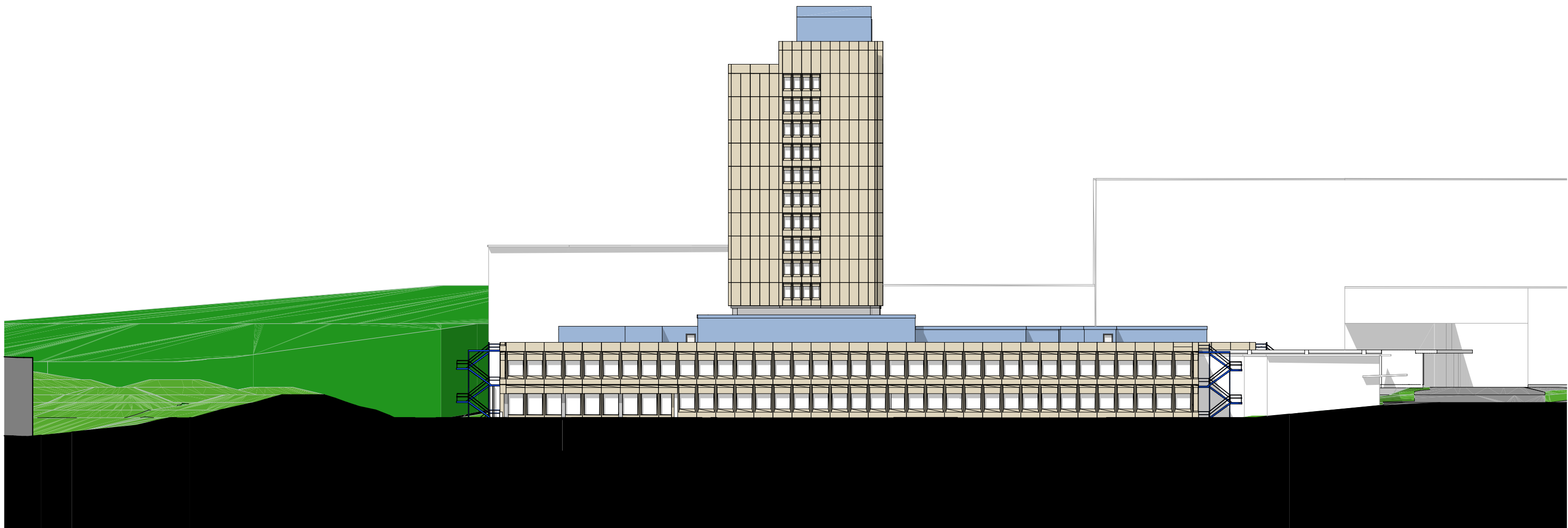
Cafeteria

Mantelnutzungen:
Psychiatrischer Dienst
Komplementärmedizin
Ernährungsberatung

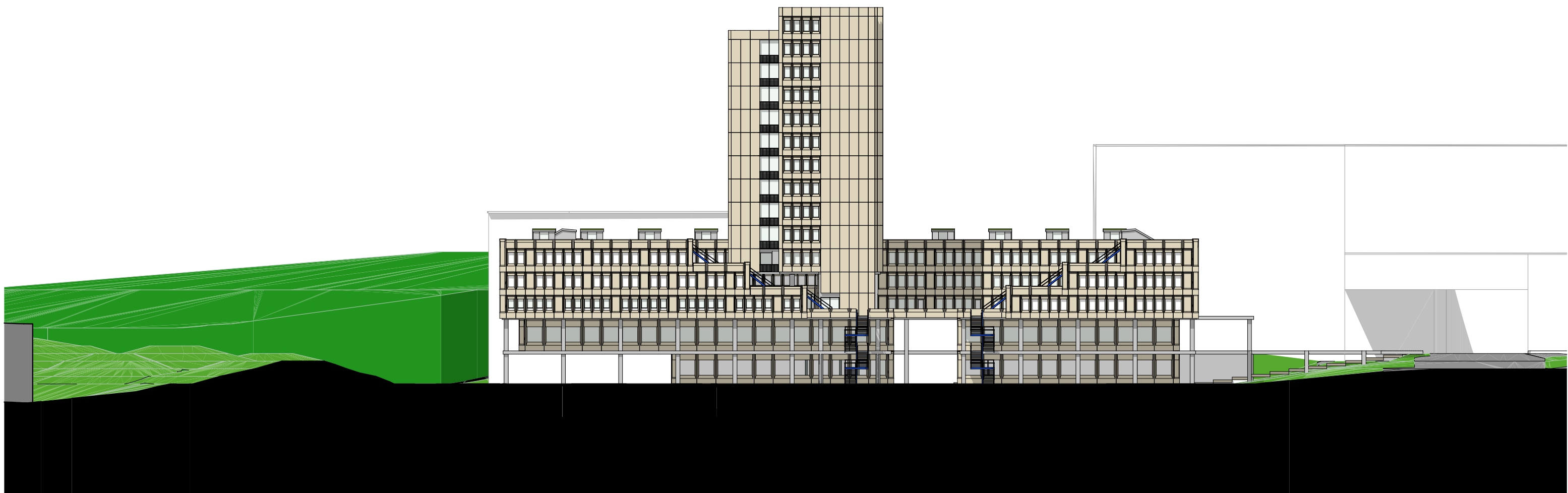
Kernnutzung:
Indoor-Farm

KITA

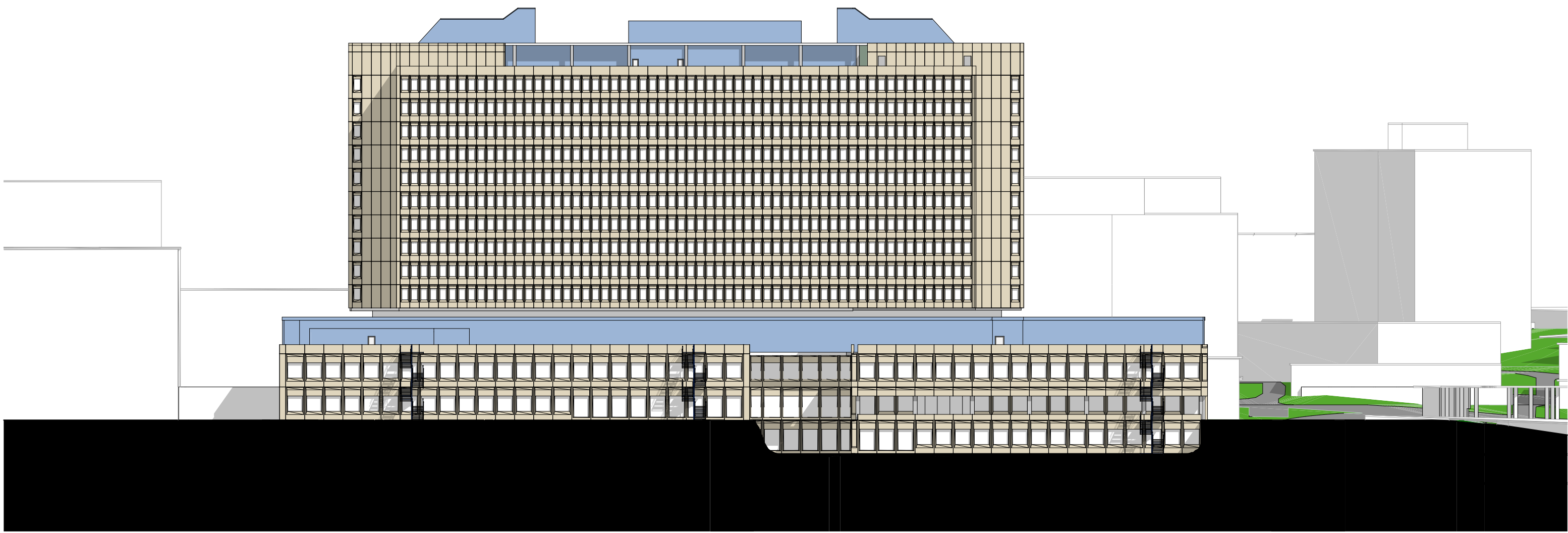
Gewerbenutzungen:
Laden
Handwerk



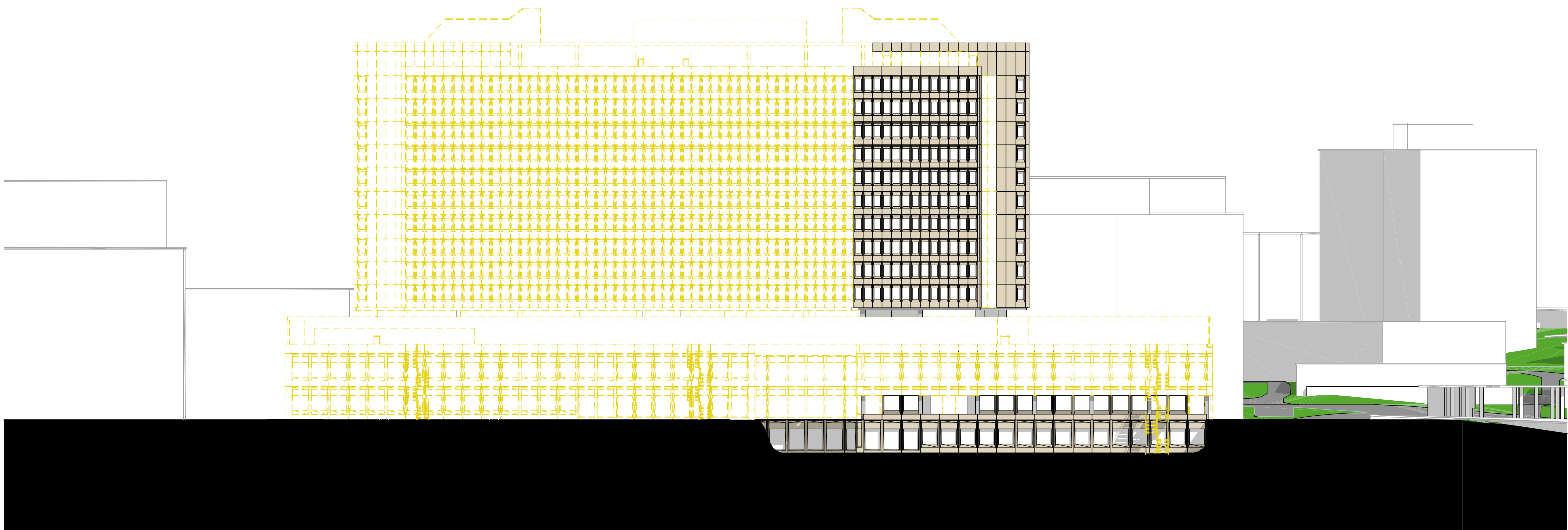
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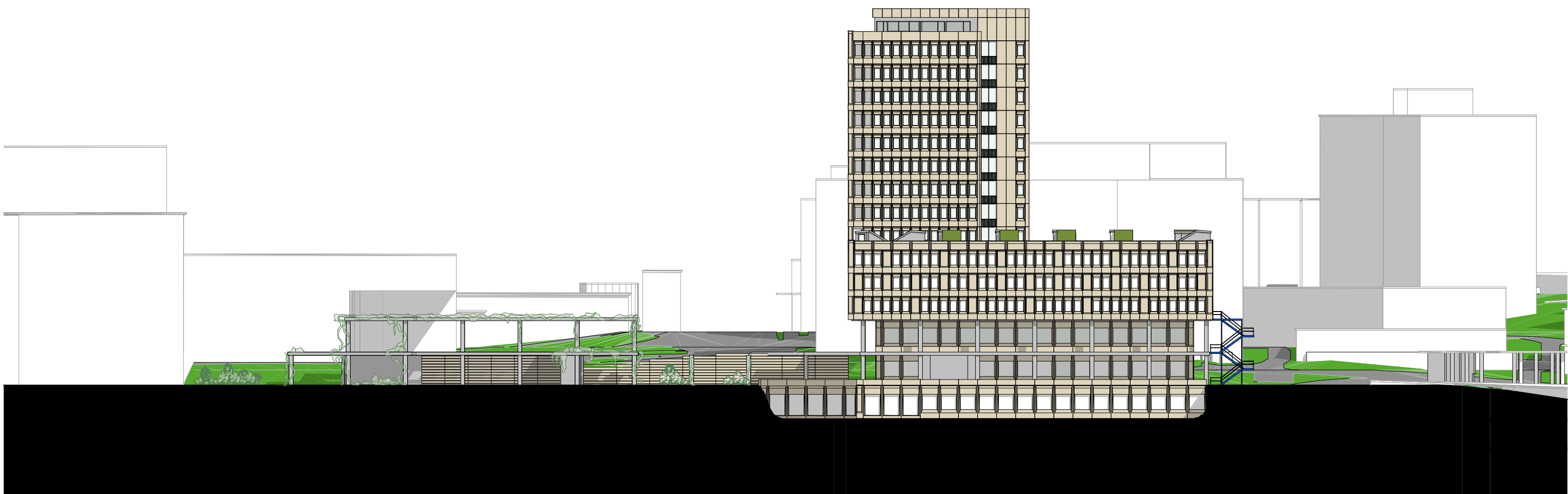
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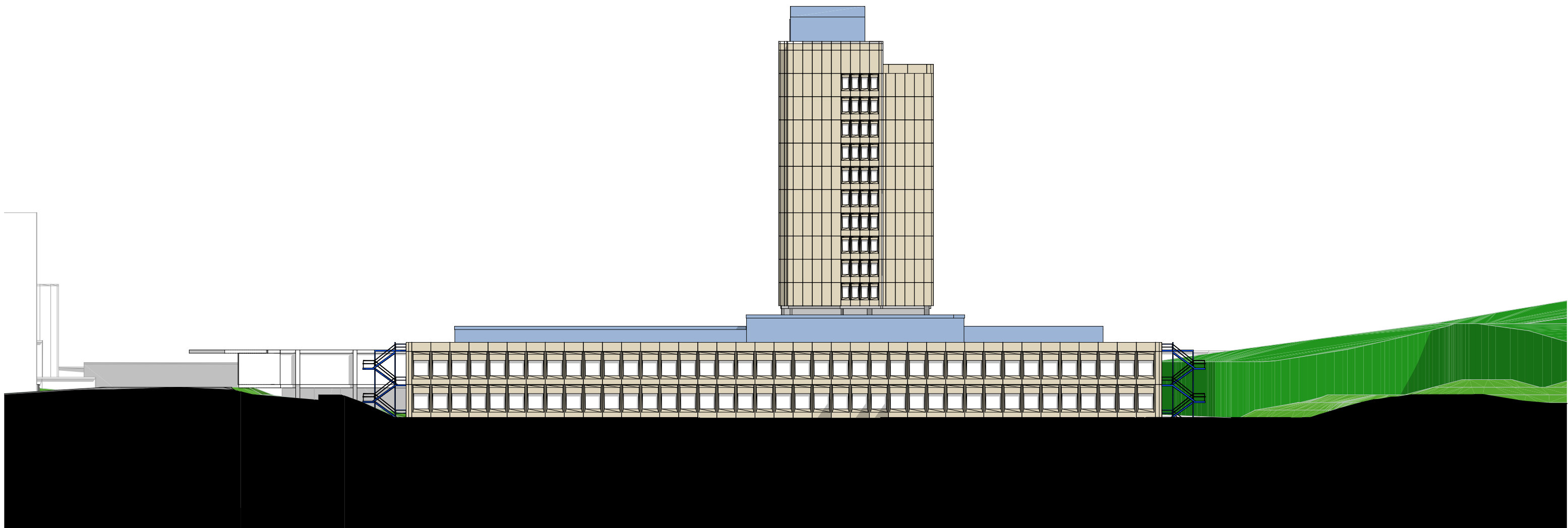
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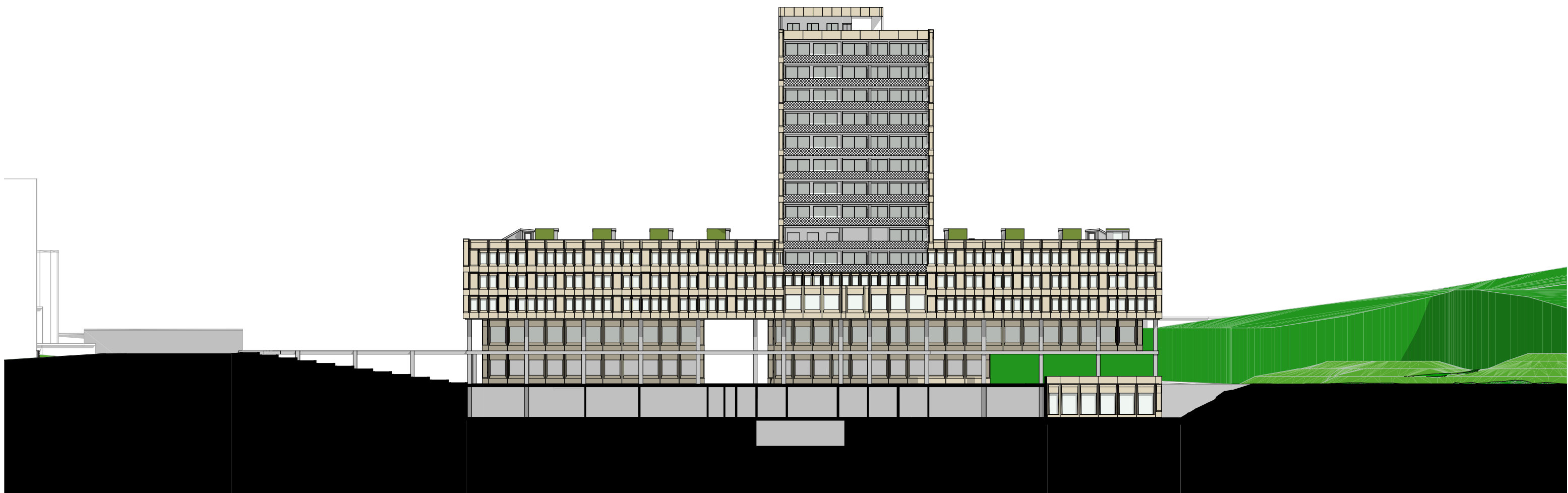
Bestand | Rückbau



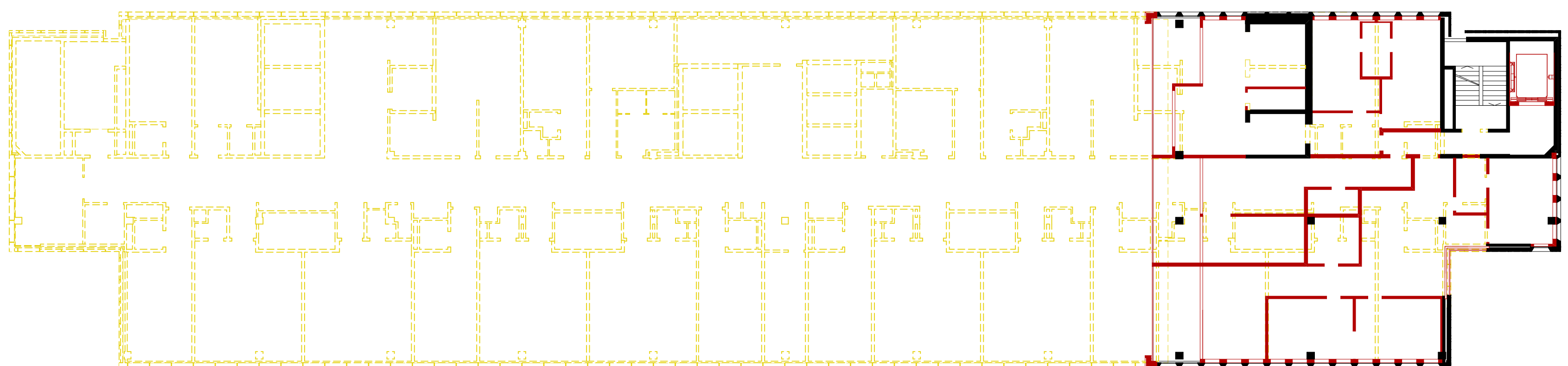
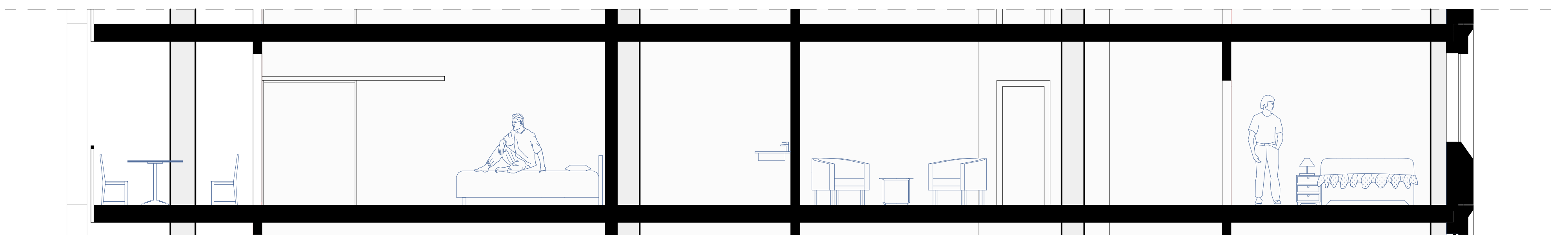
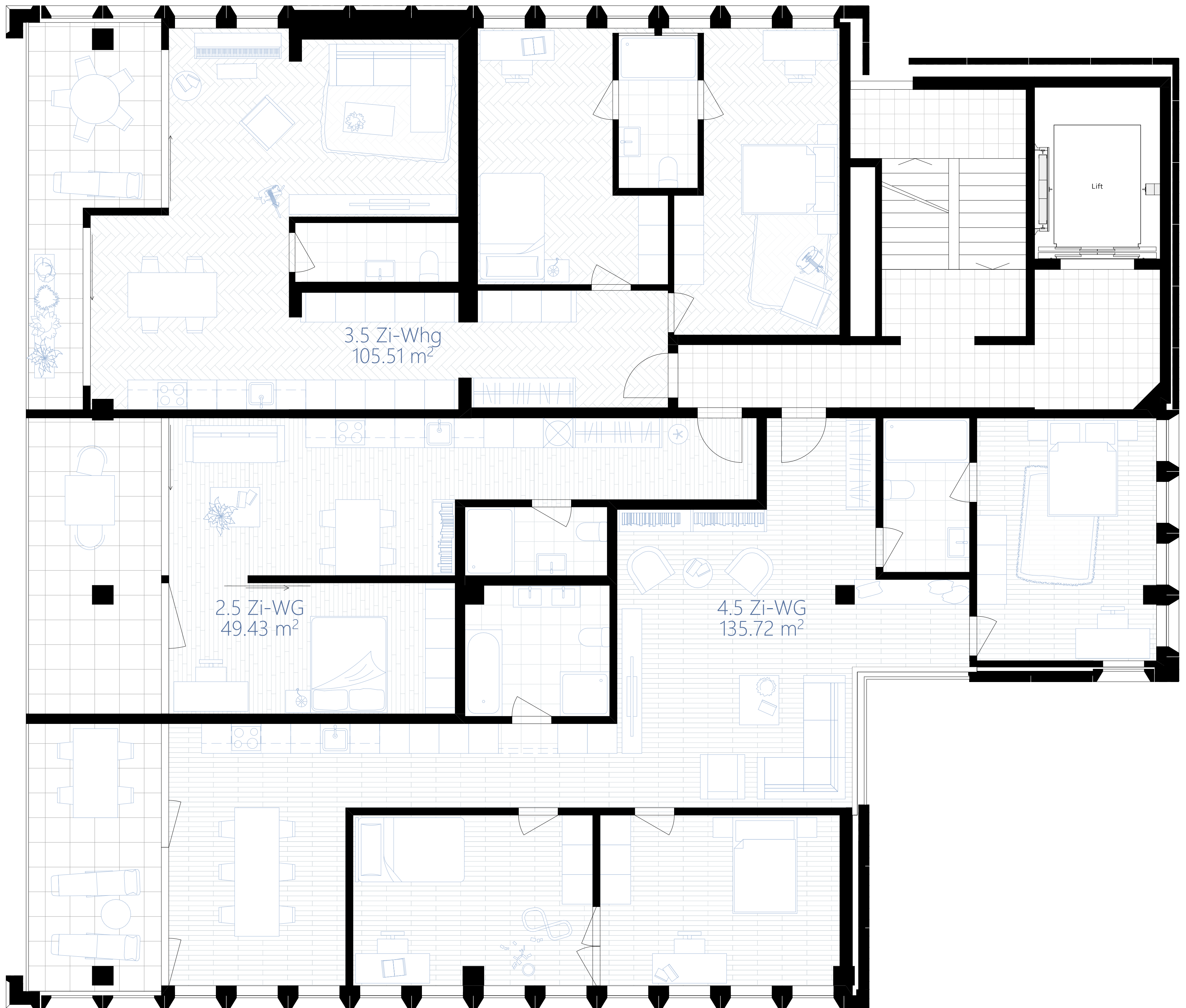
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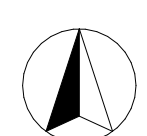
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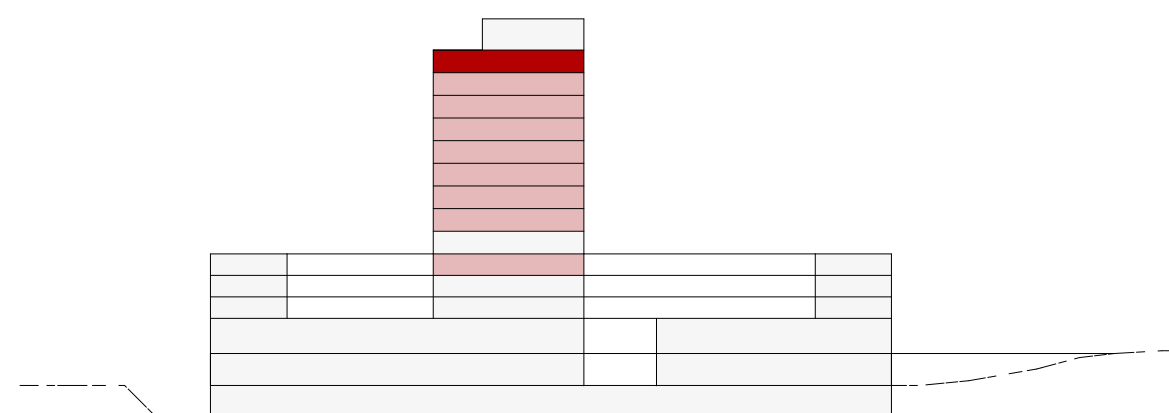
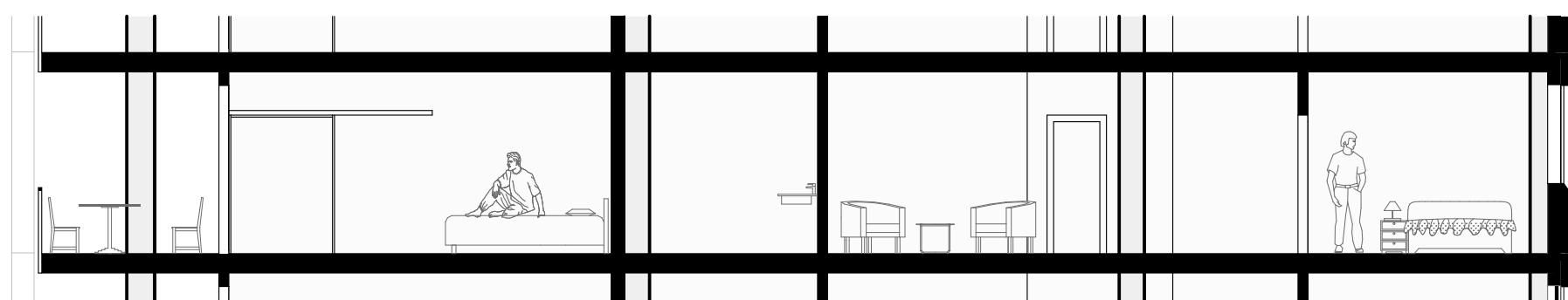
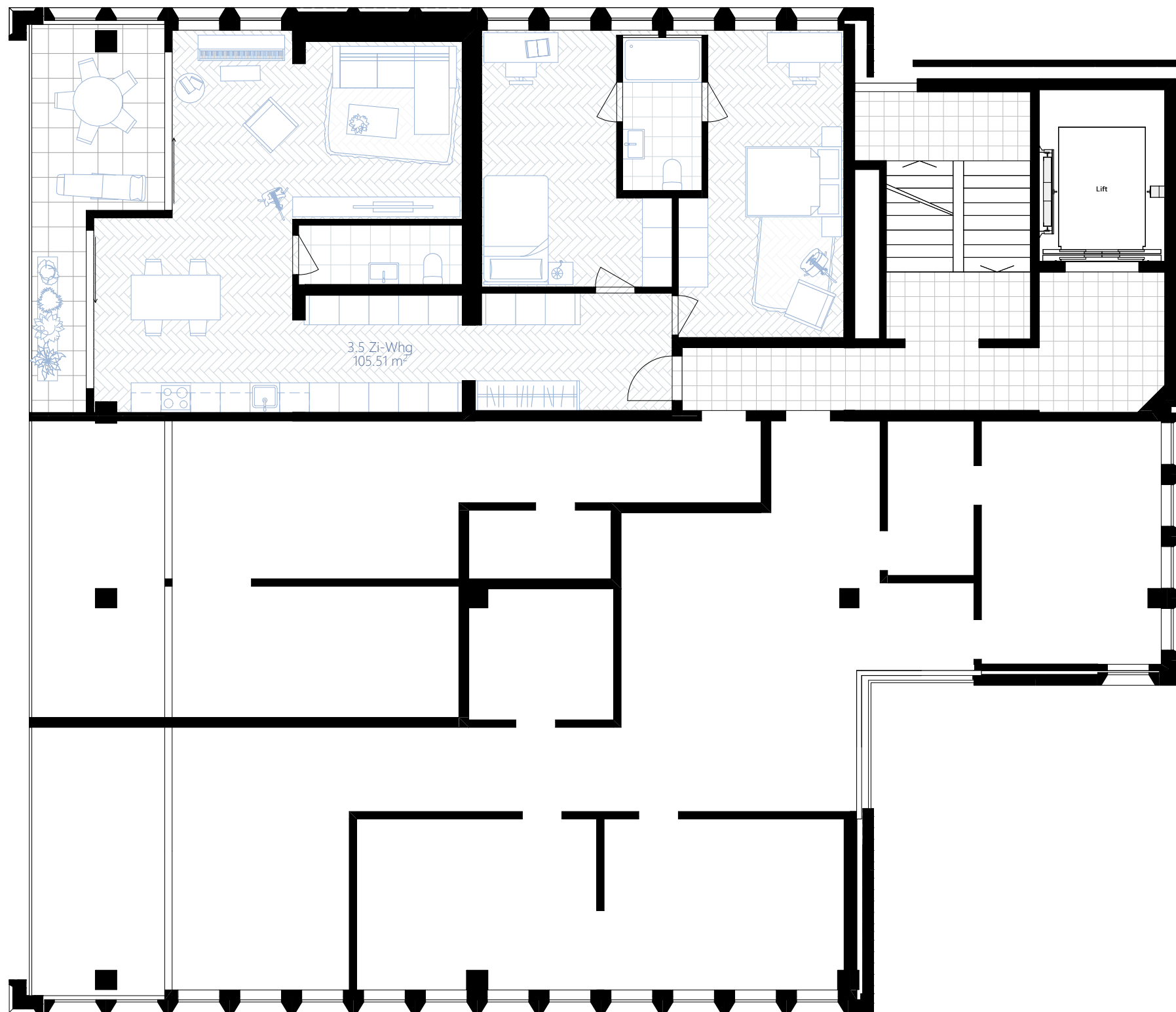


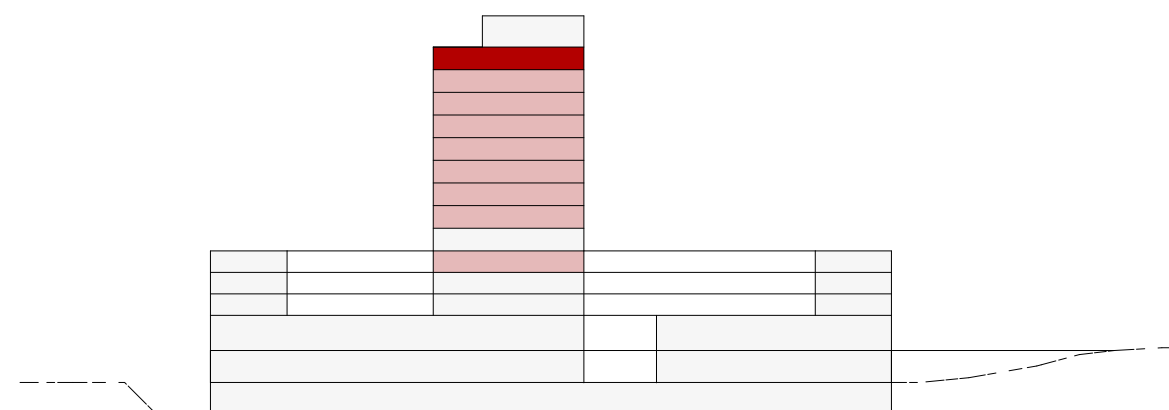
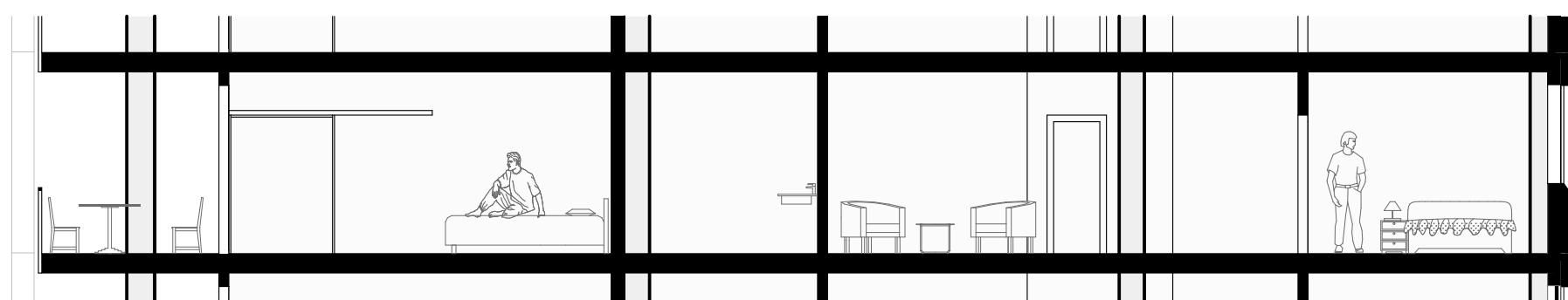
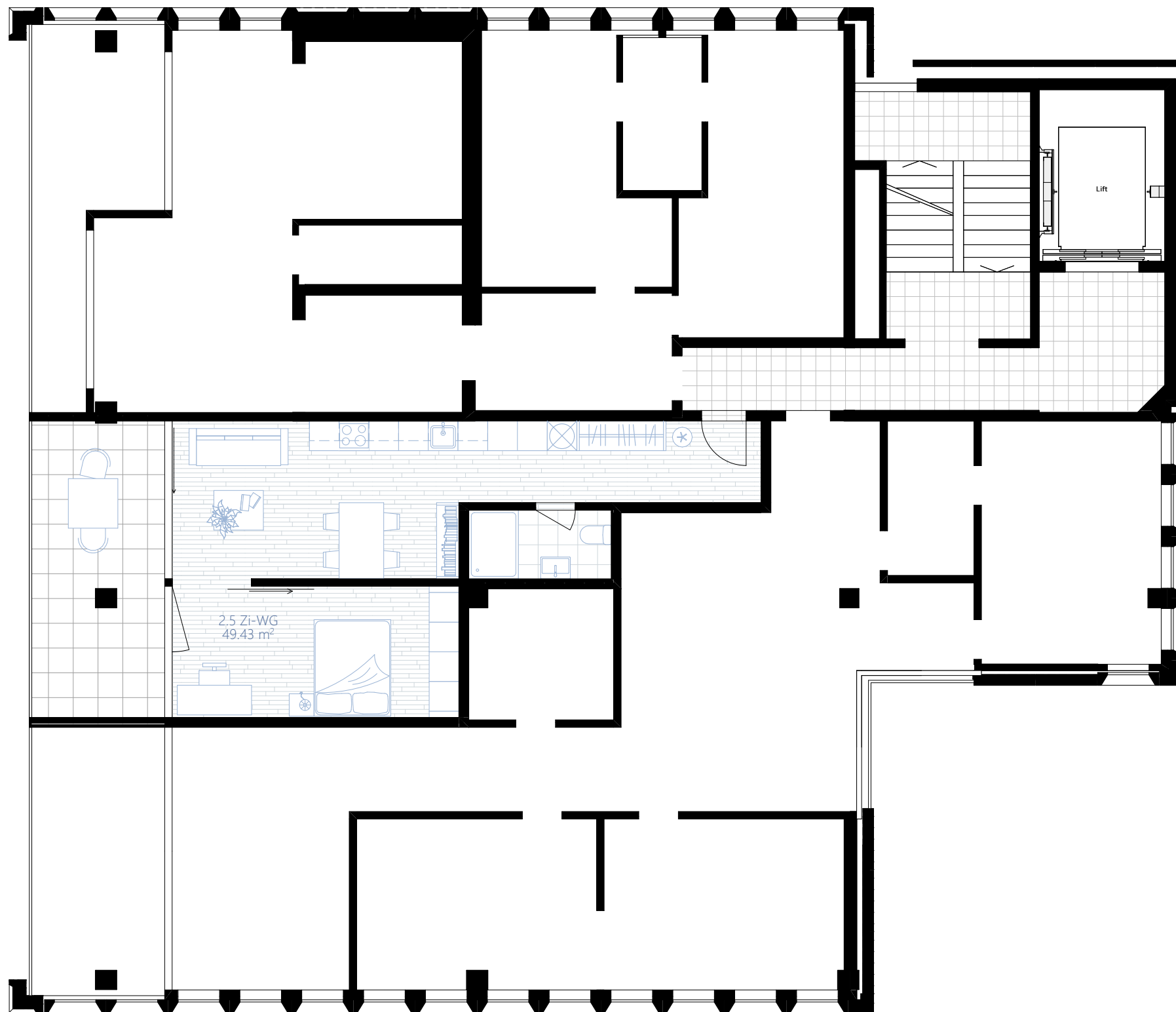
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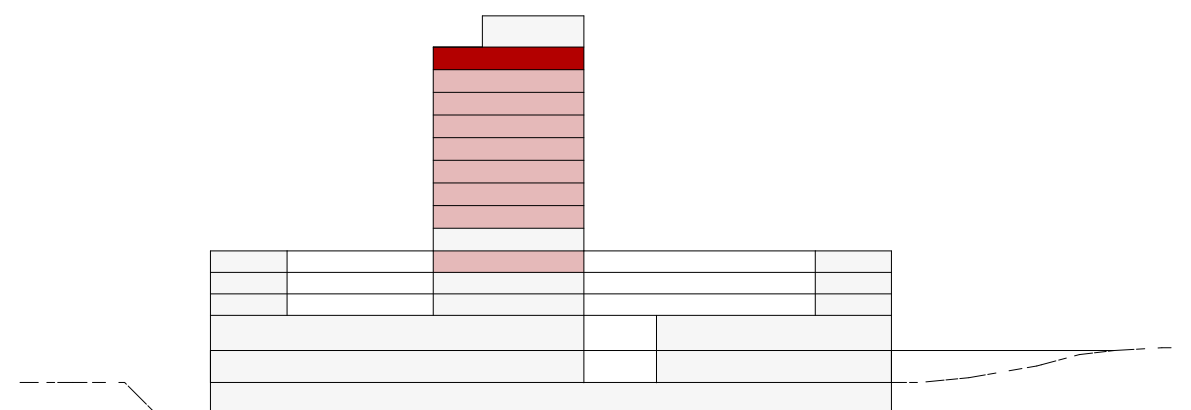
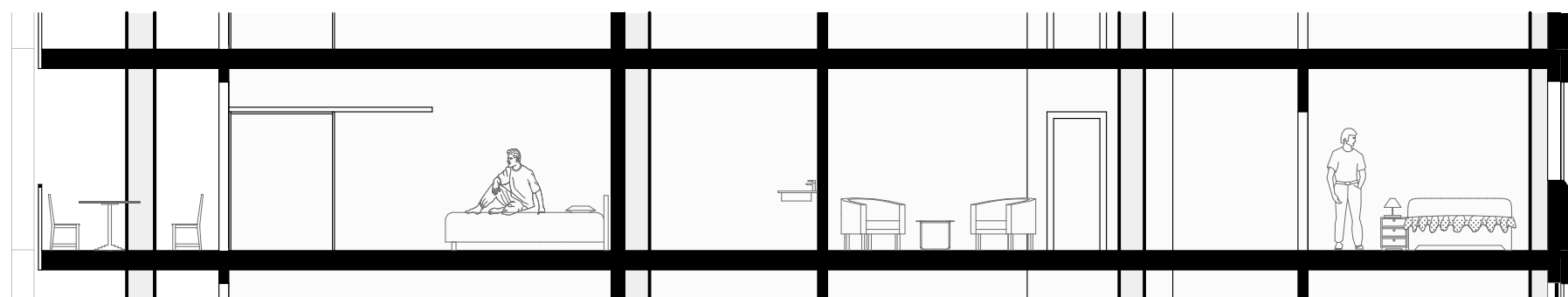
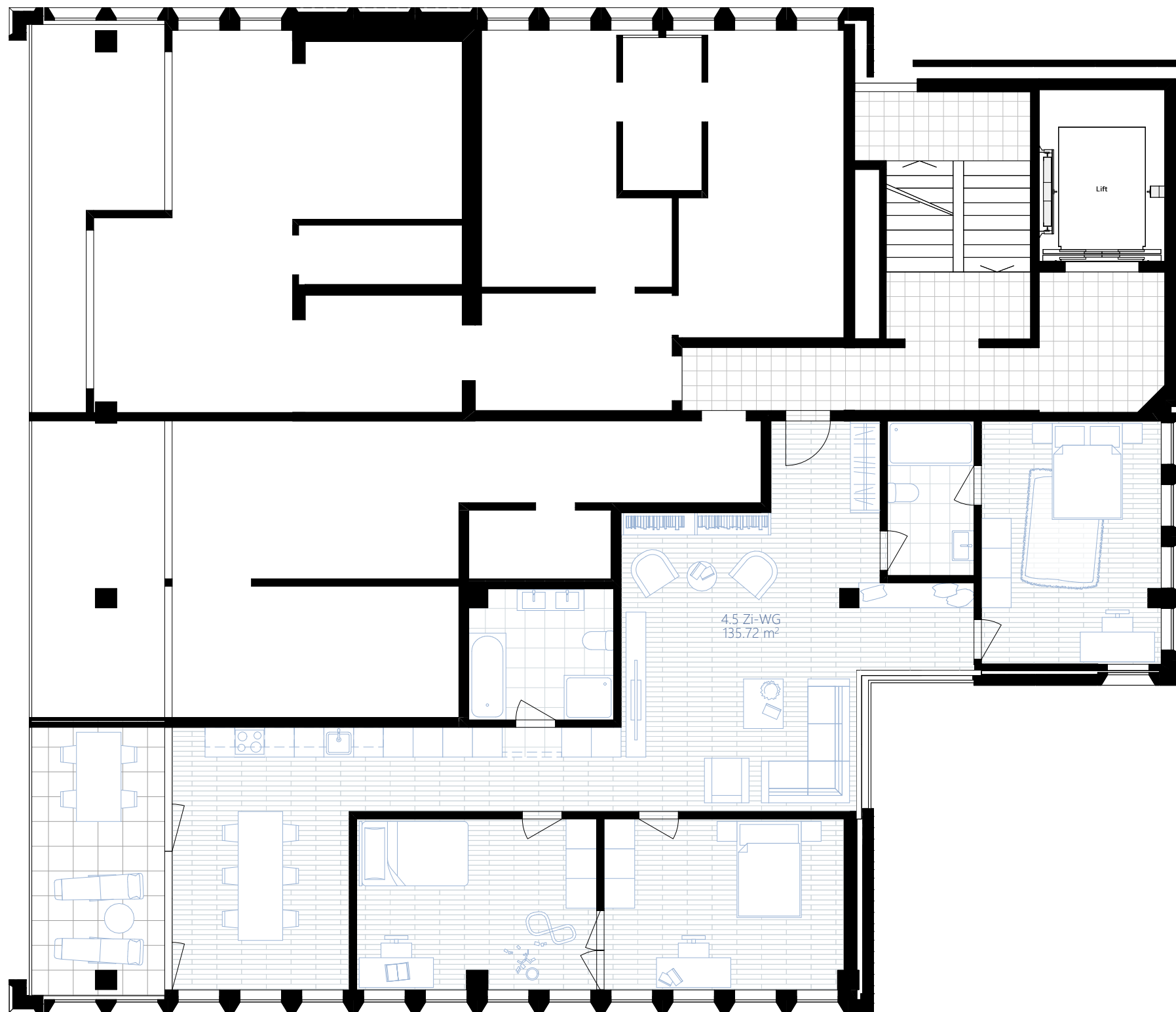


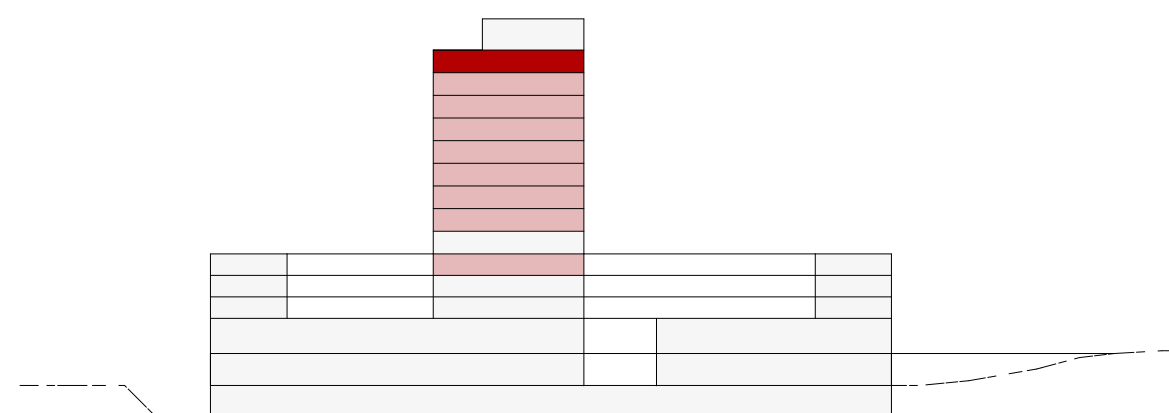
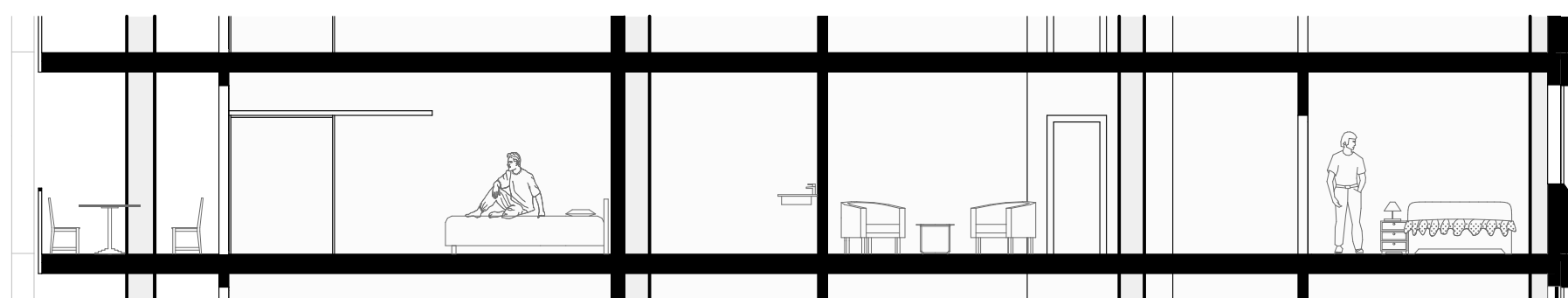
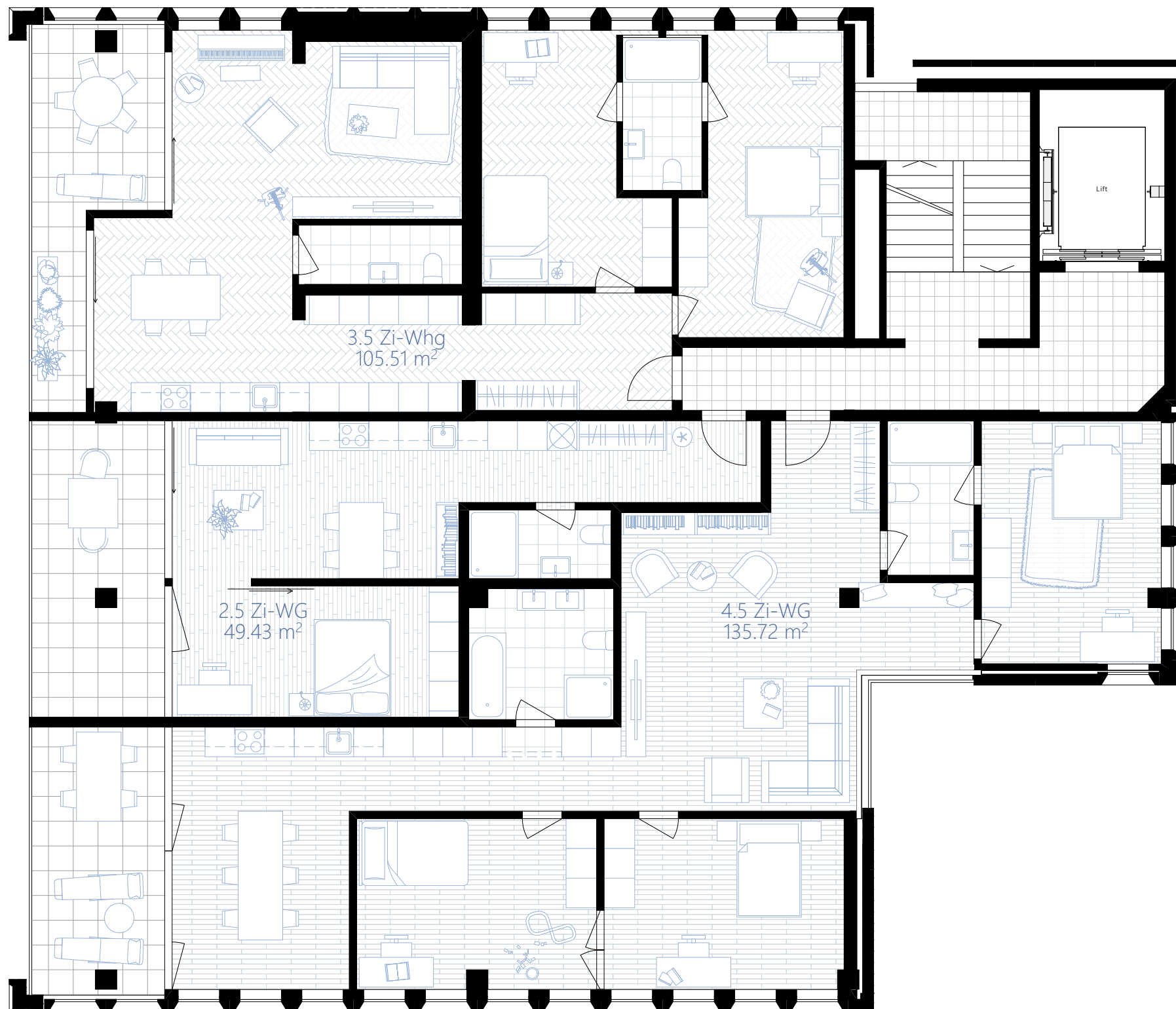
Umbaustatus:
 Bestand
 Wiederverwendet
 Neu
 Rückbau

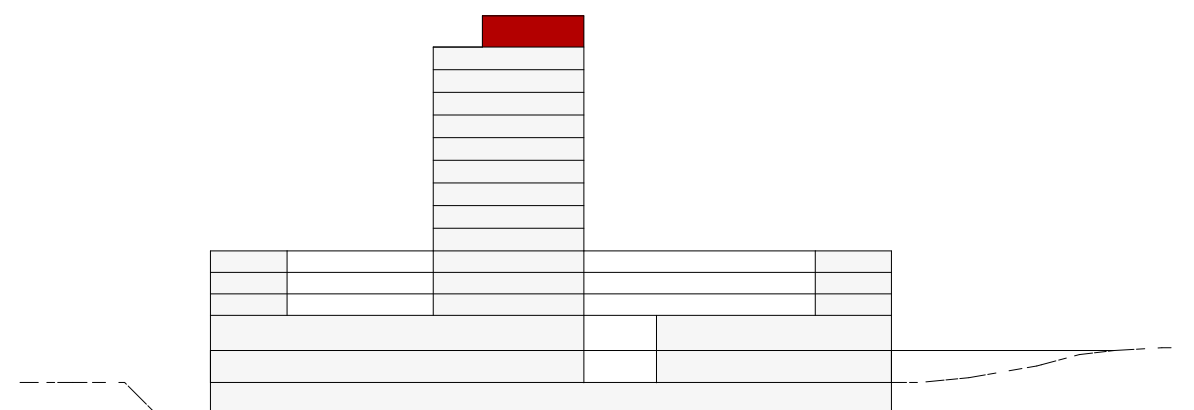
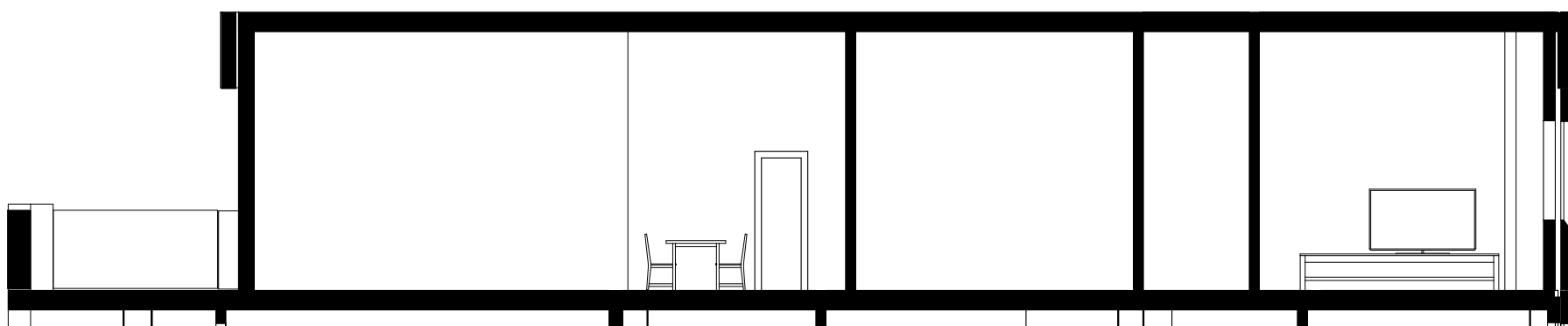
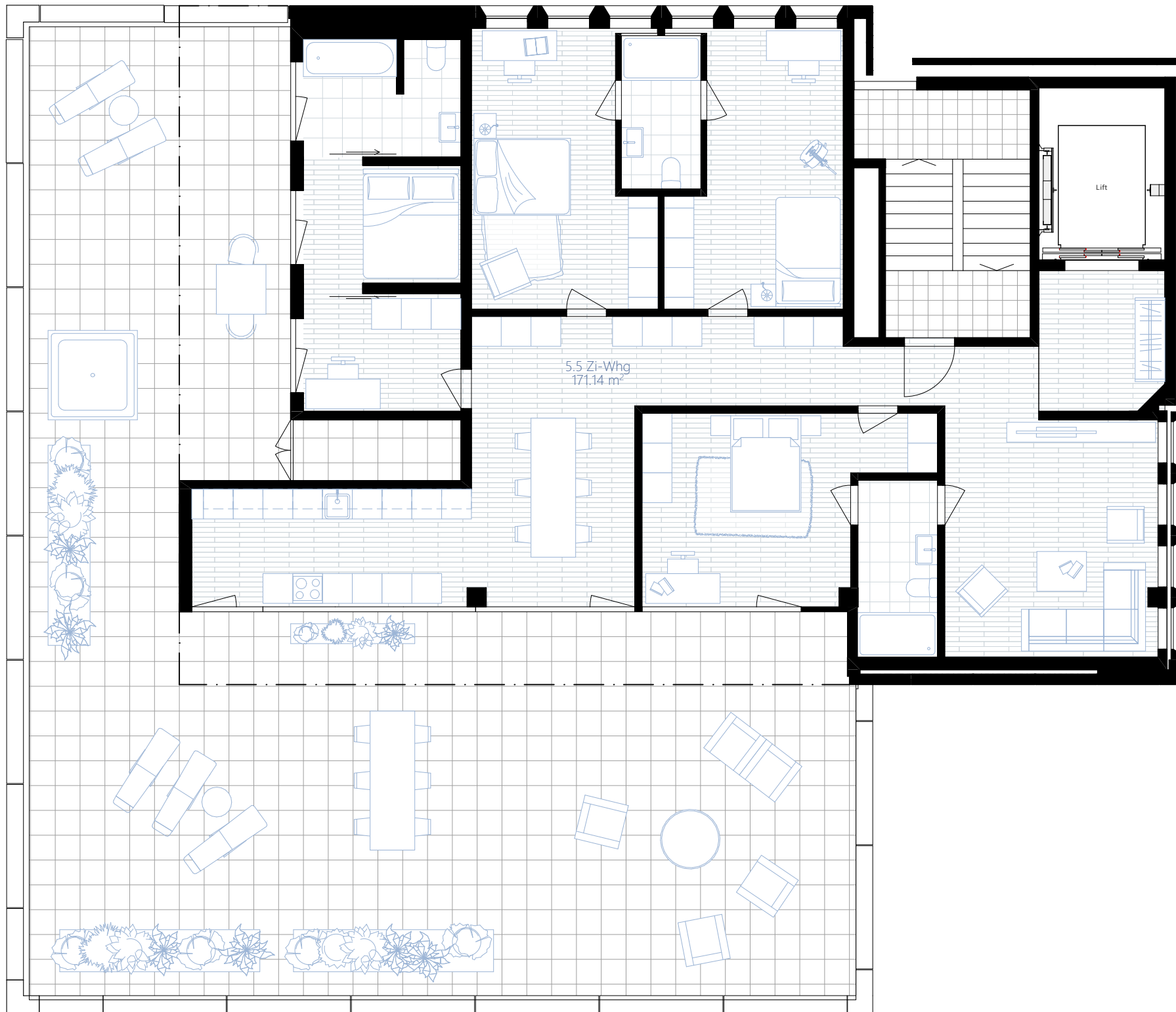




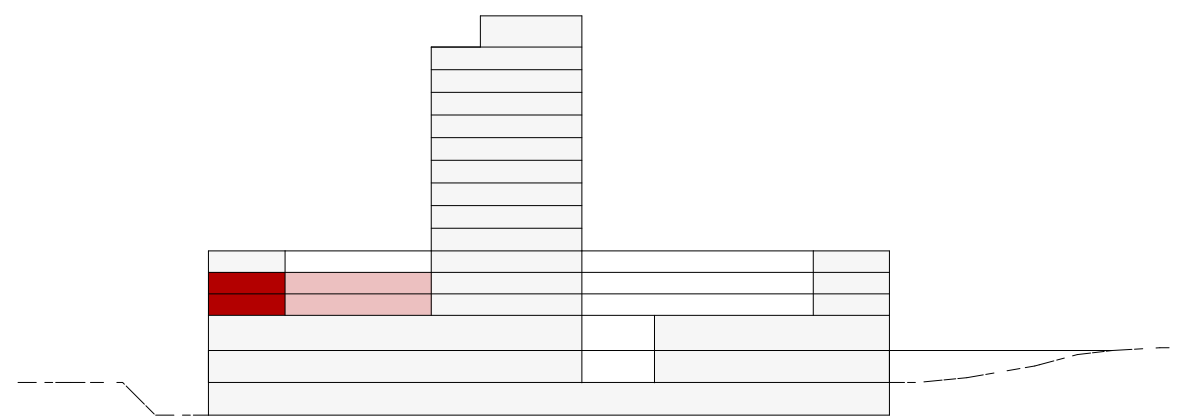
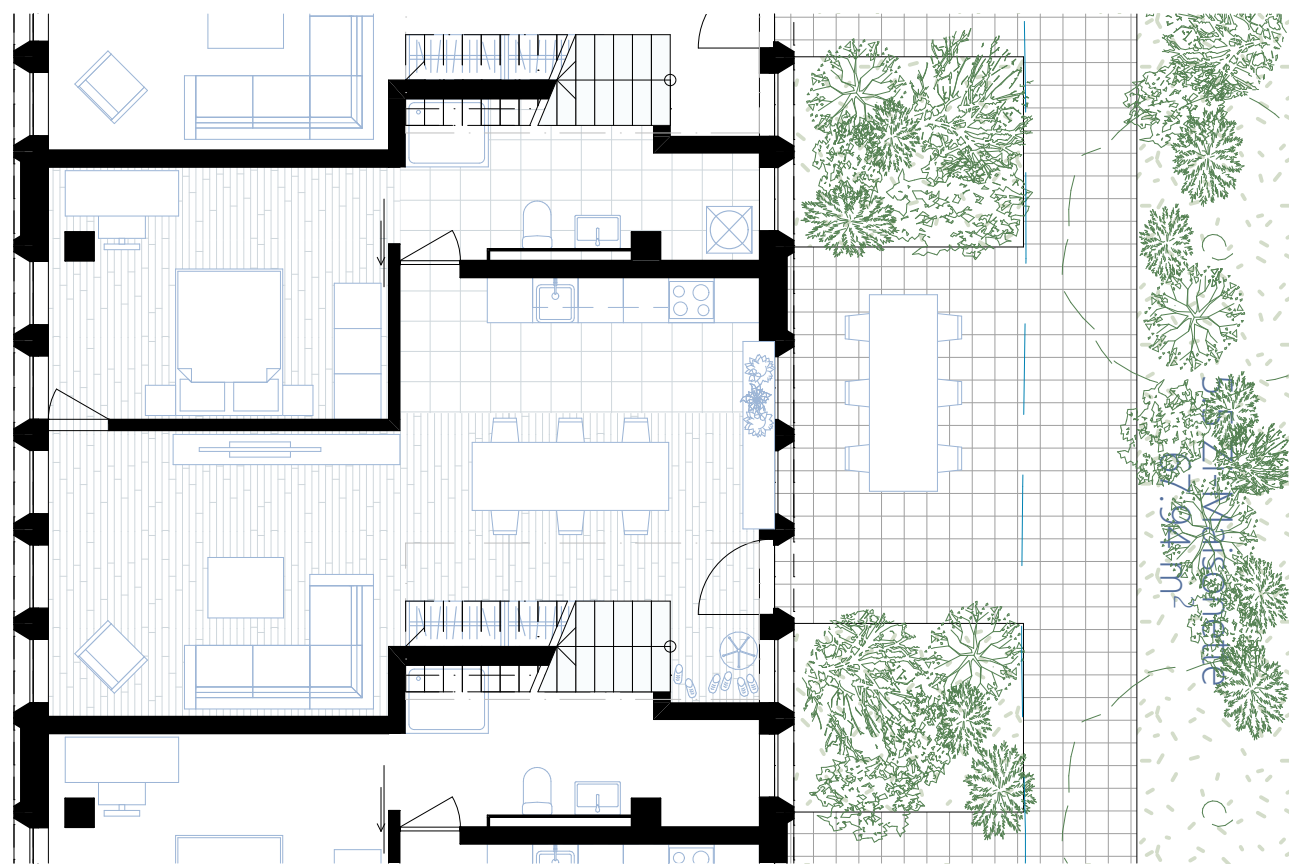
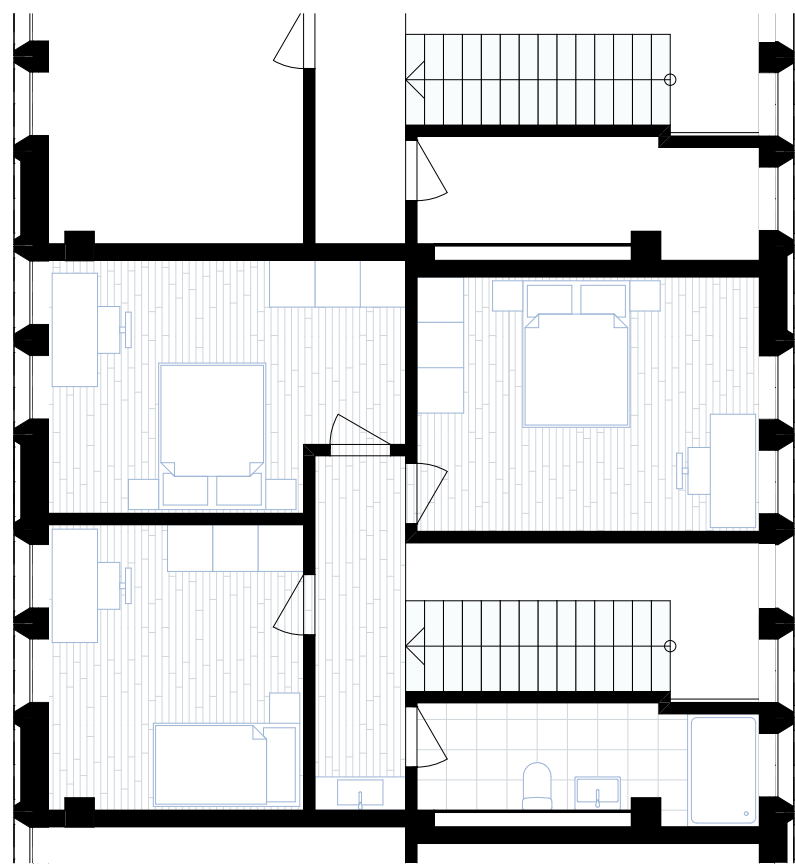
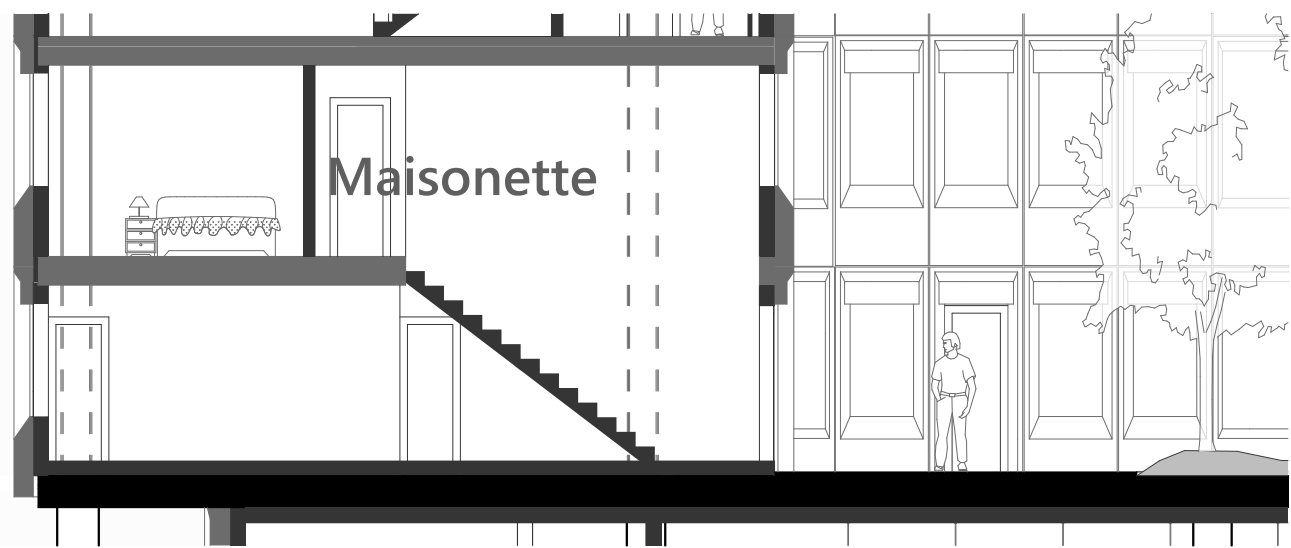




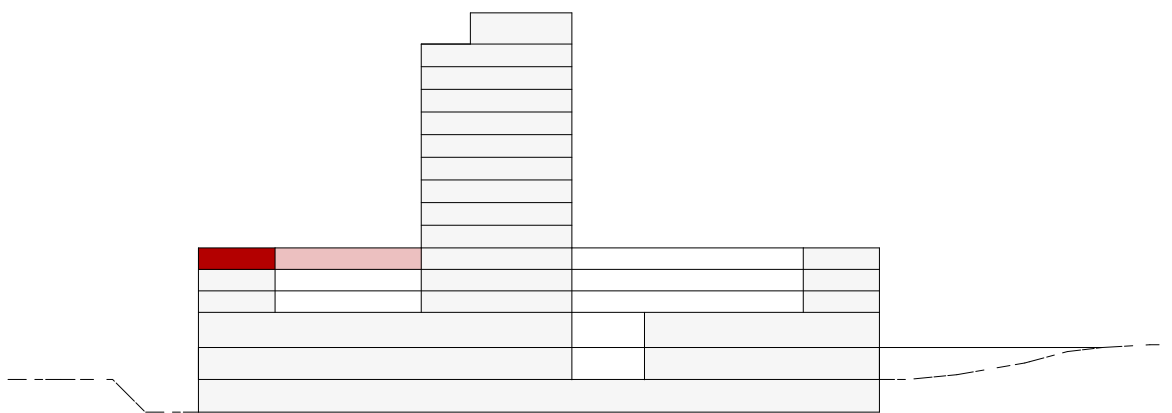
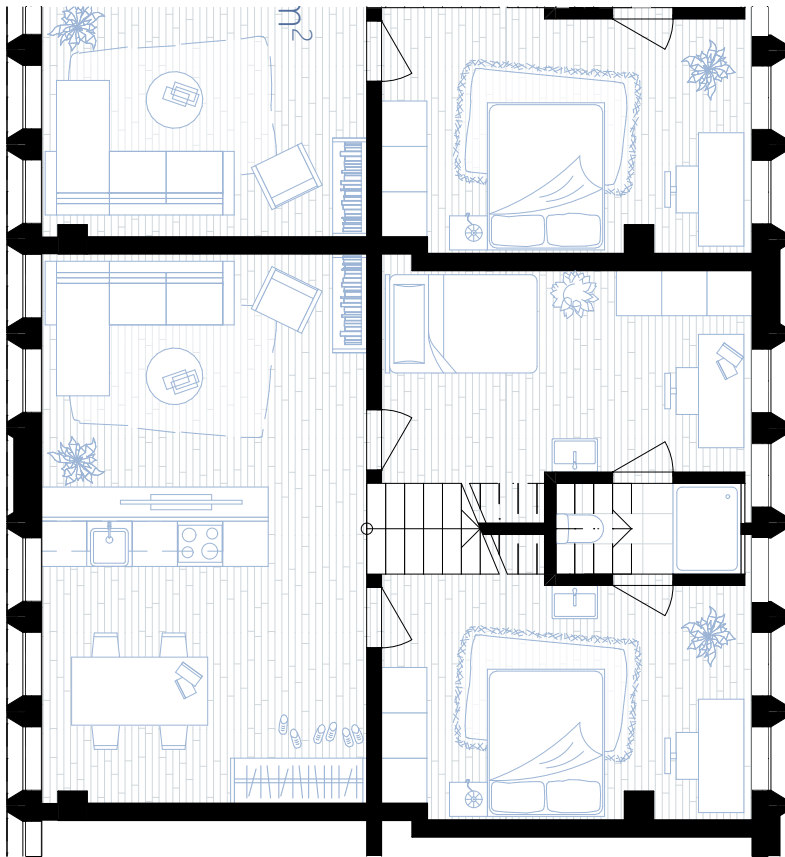
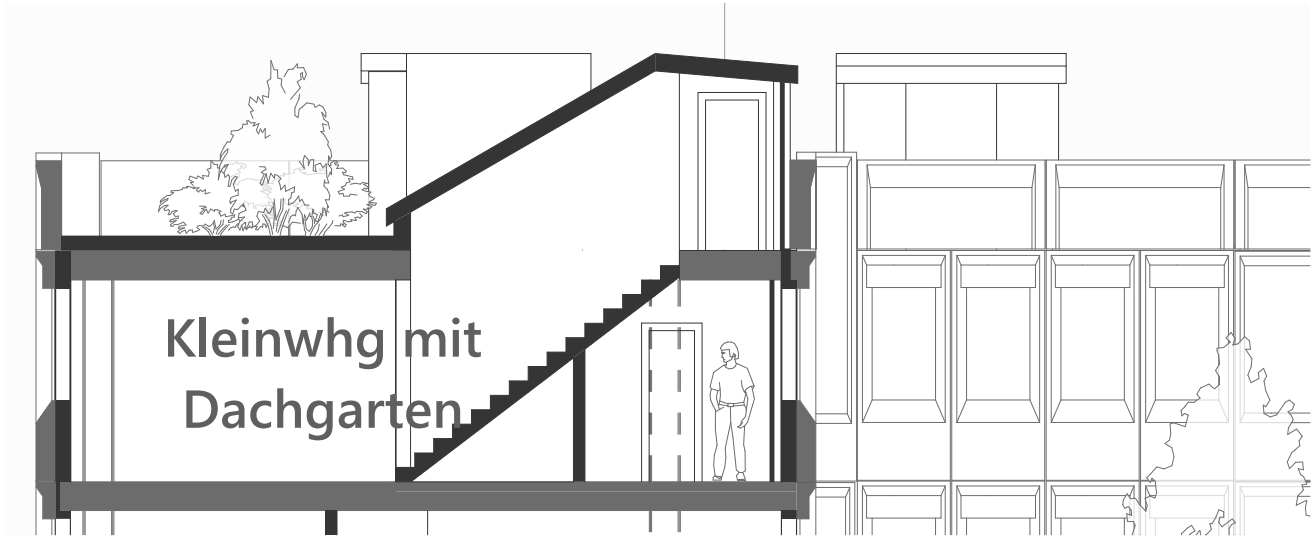




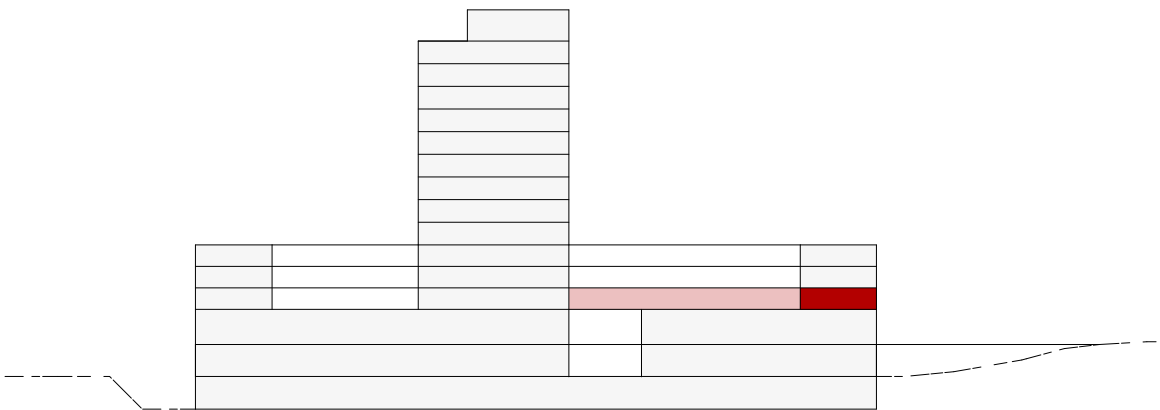
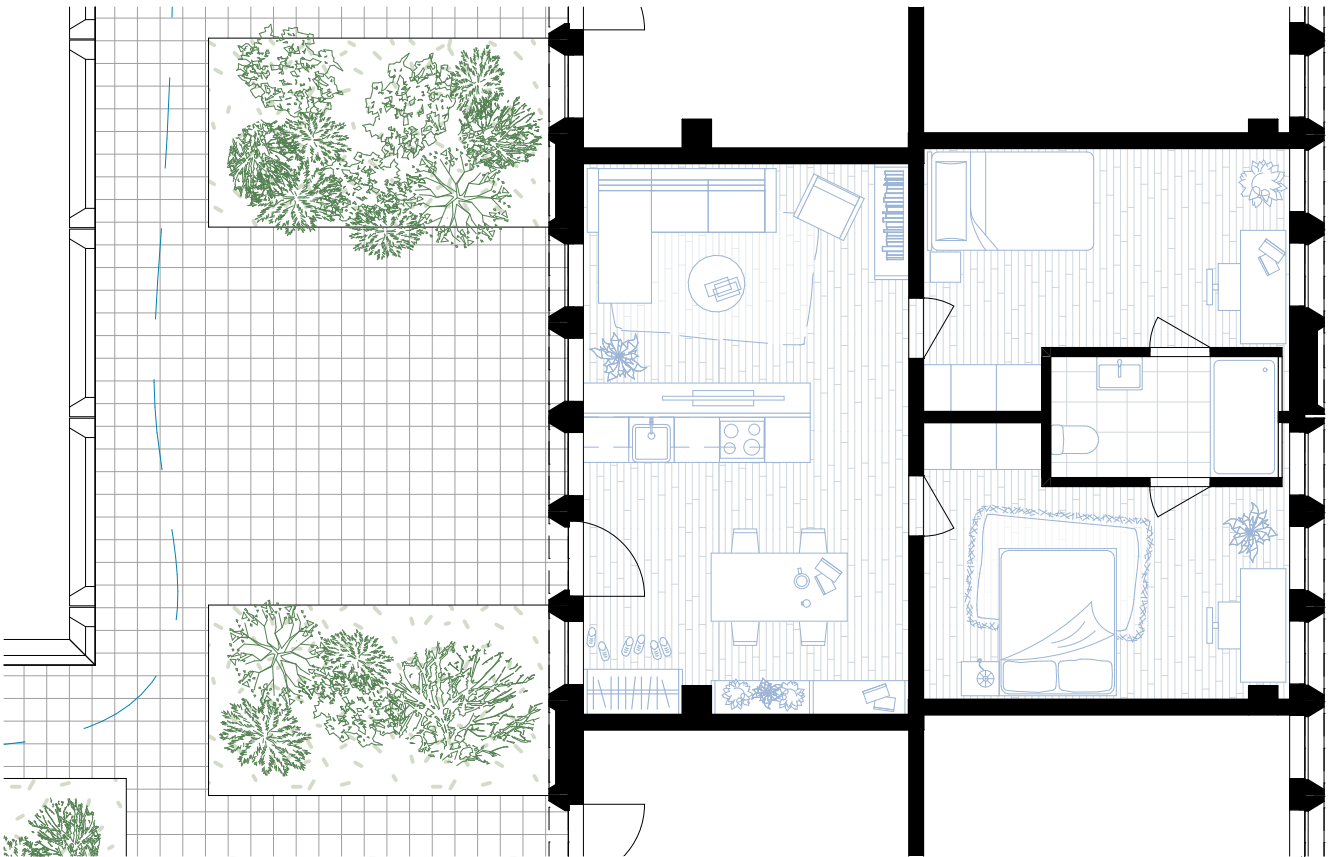
5.5 Zi-Whg
171m2



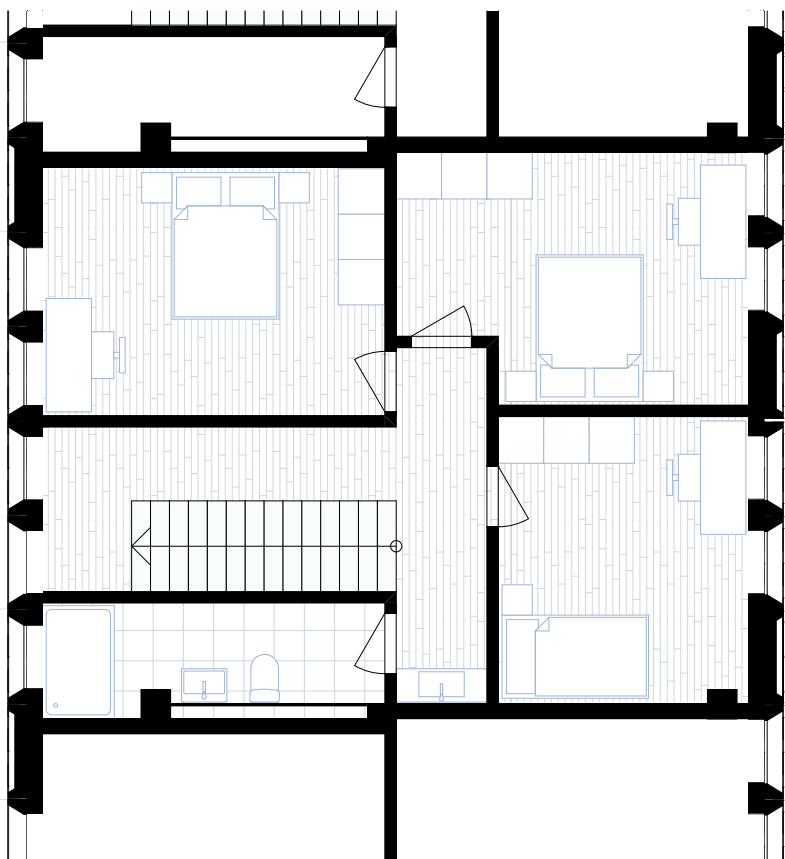
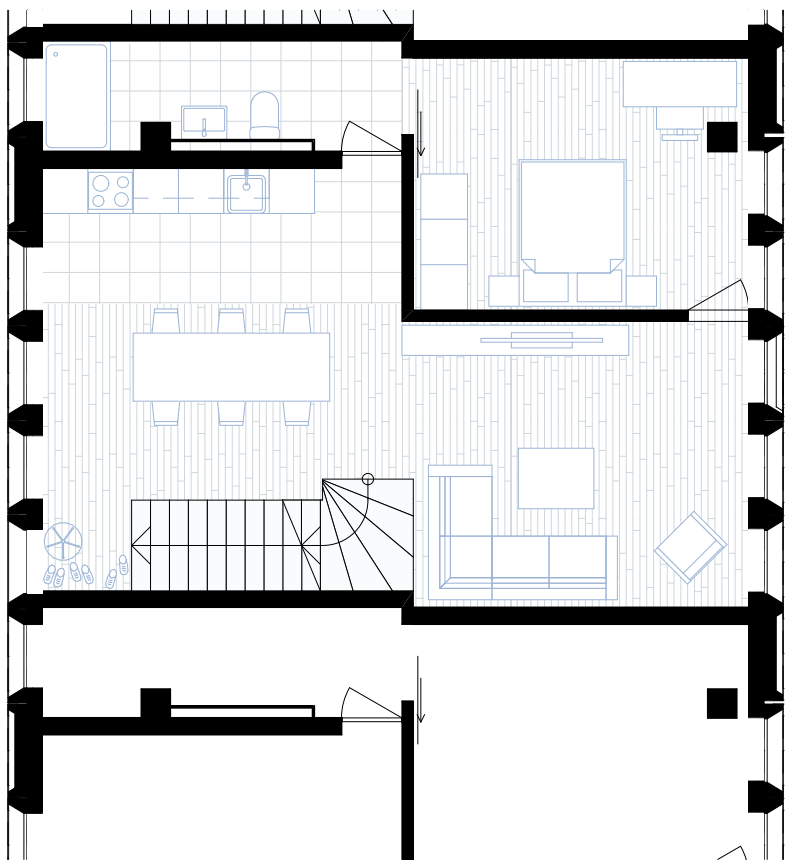
5.5 Zi-Whg
128m²



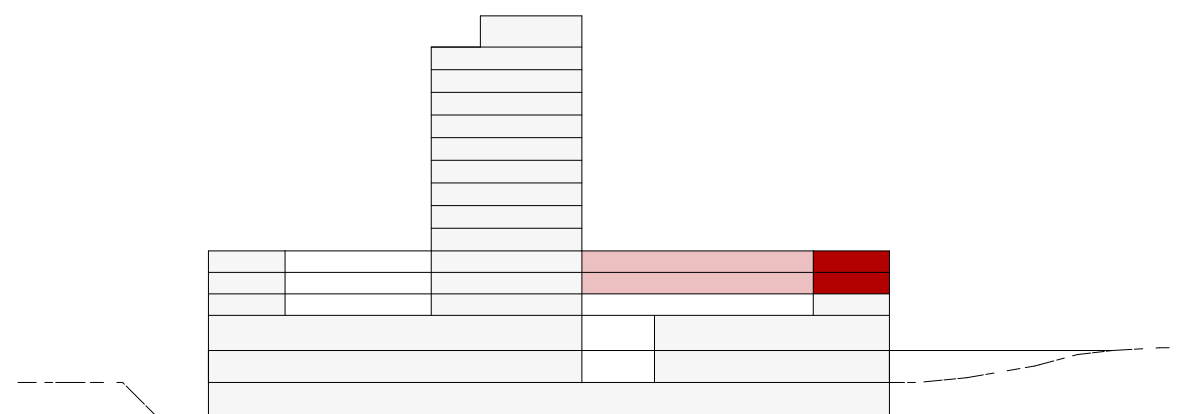
3.5 Zi-Whg
68m²



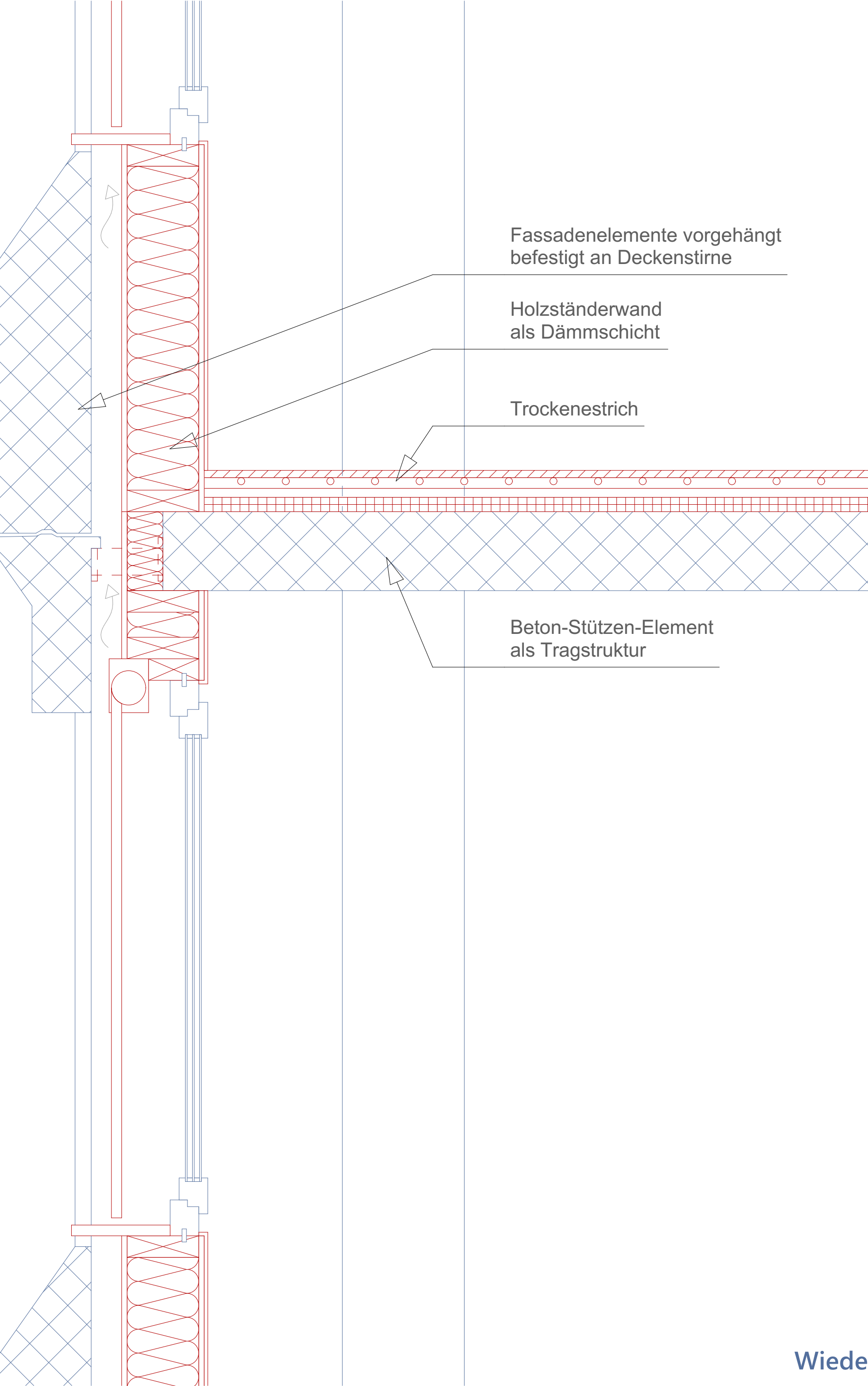
3.5 Zi-Whg
68m²



5.5 Zi-Maisonette
60.54 m²



5.5 Zi-Whg
136m²



Bestand
Wiederverwendet
Neu









