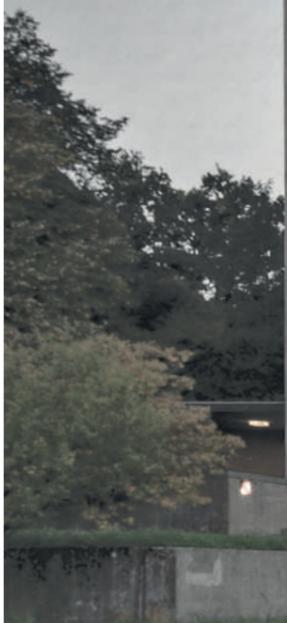
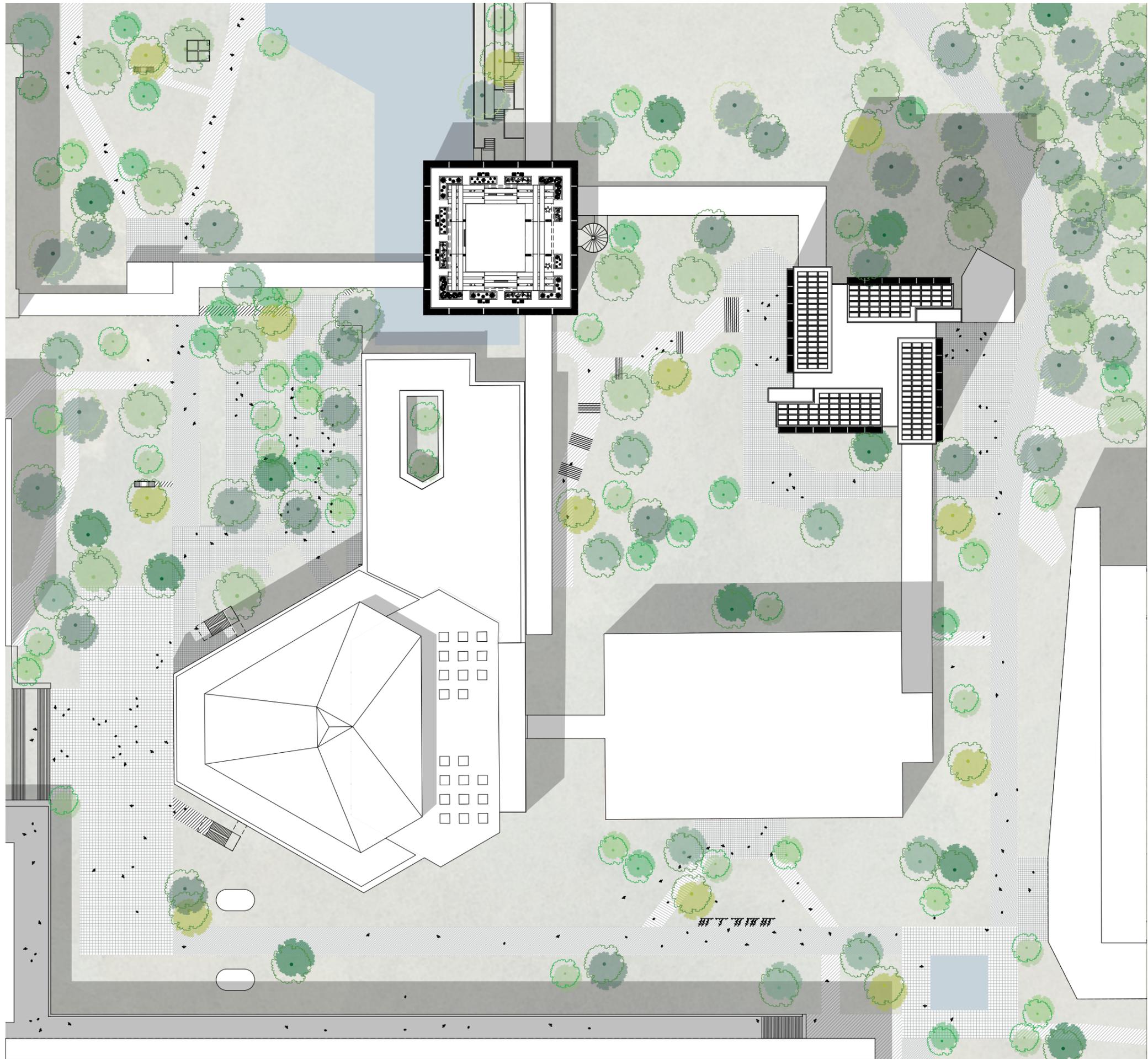


Professur für Architektur und Konstruktion
Annette **Gigon** Mike **Guyer**

MAURIZIO MÄTZLER

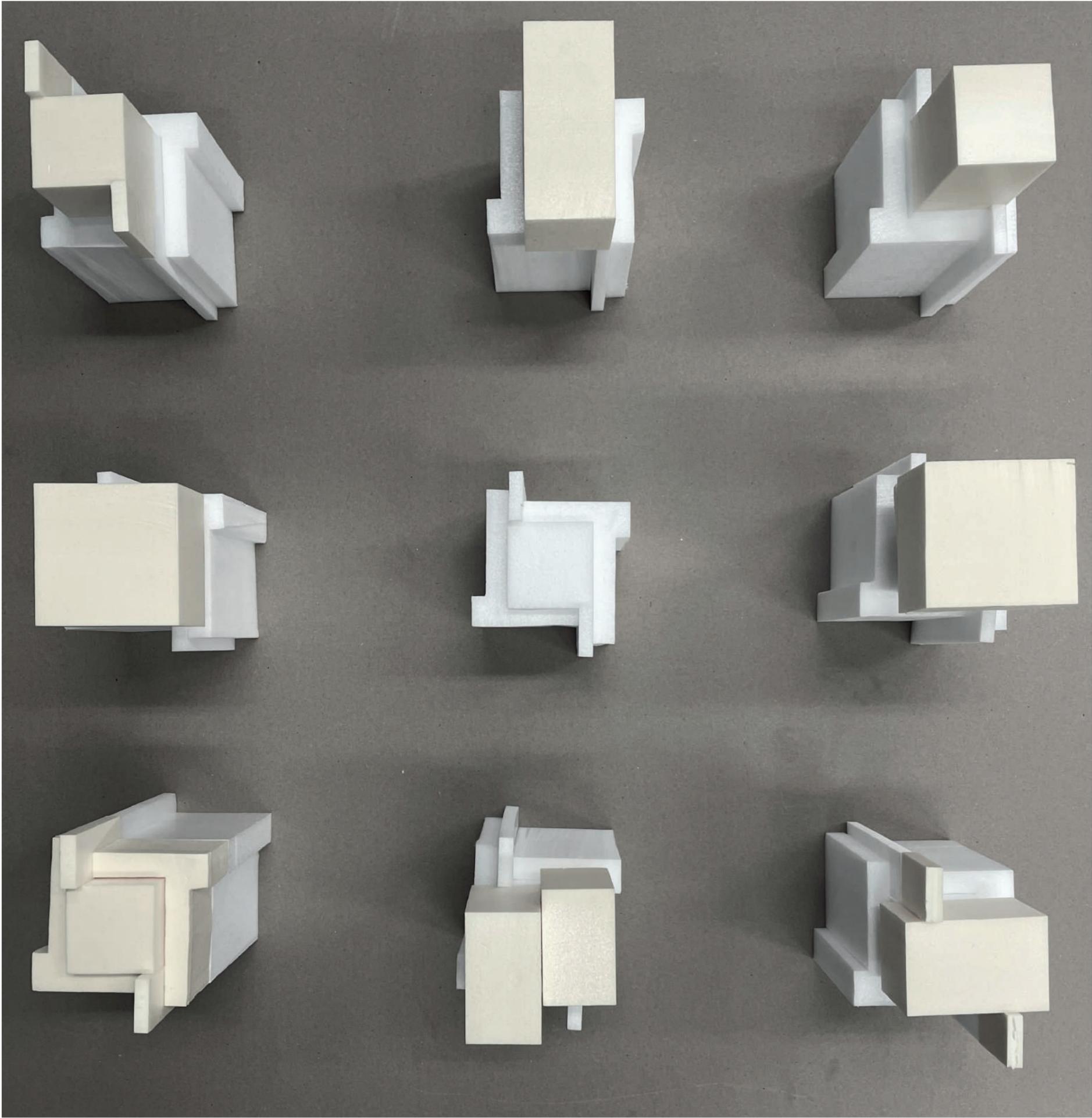


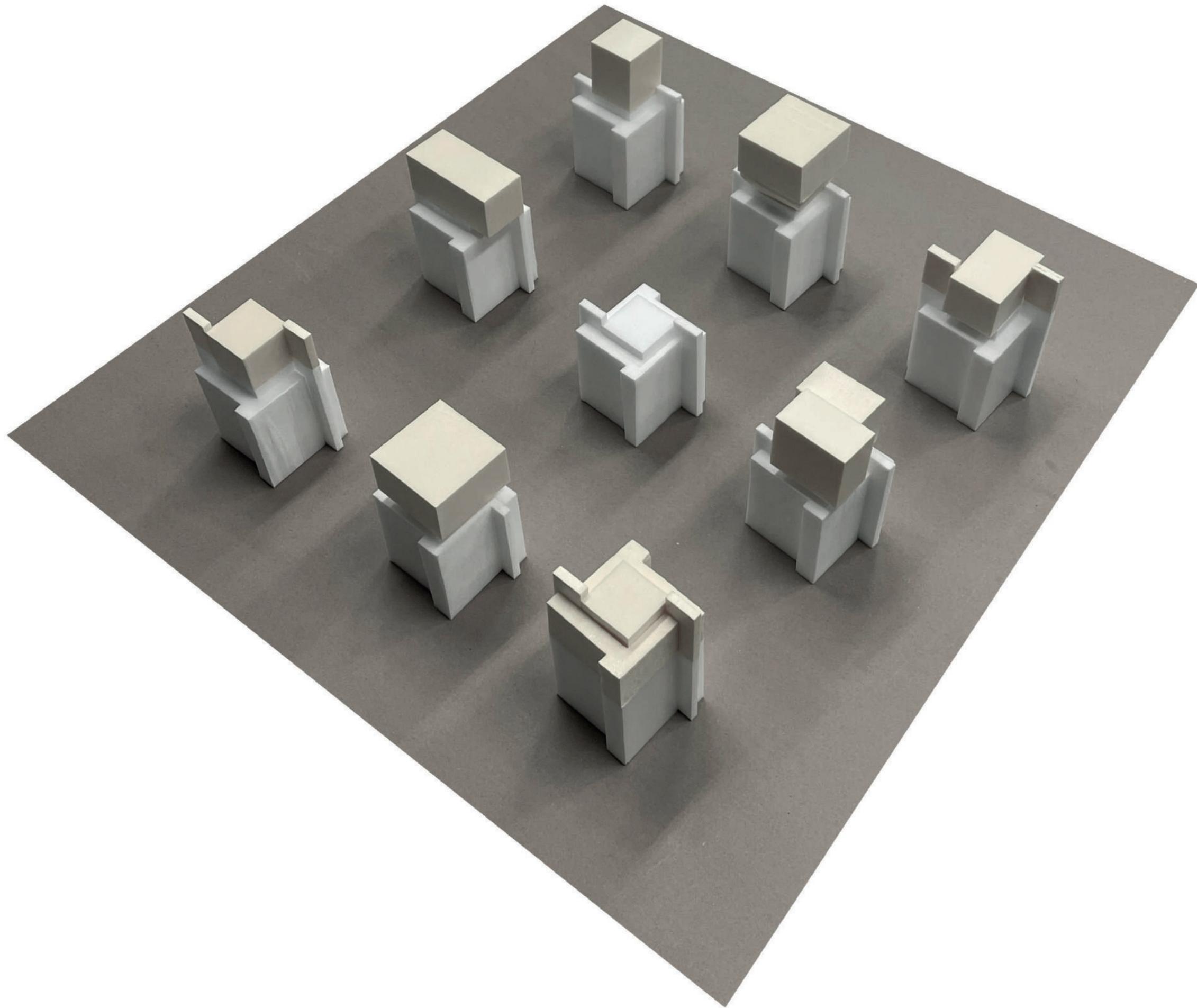
FS 2023
master thesis

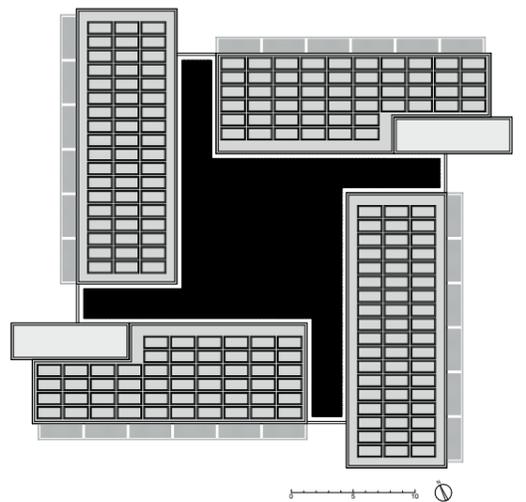
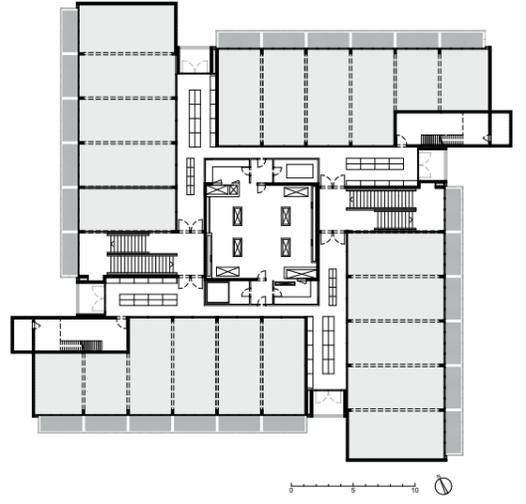
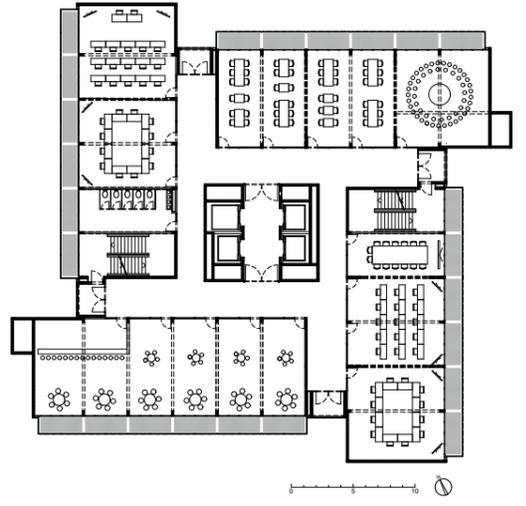
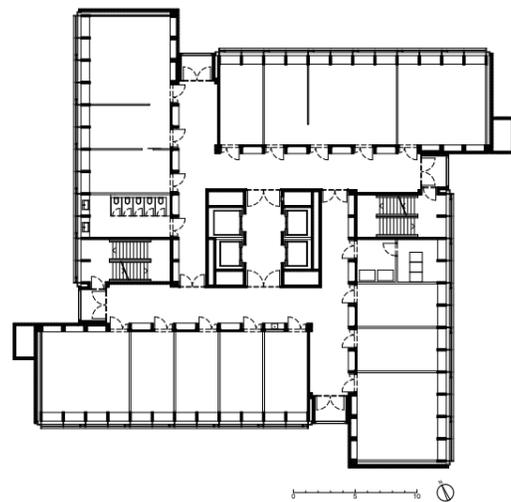
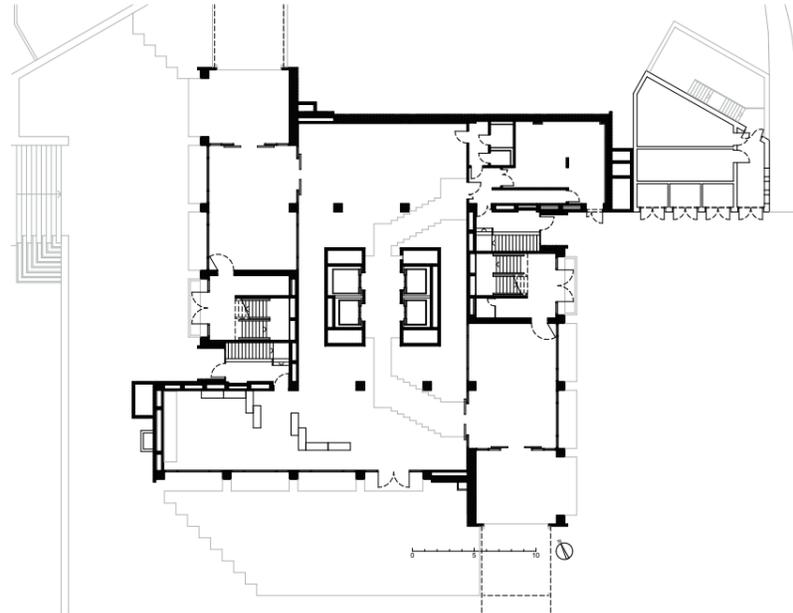
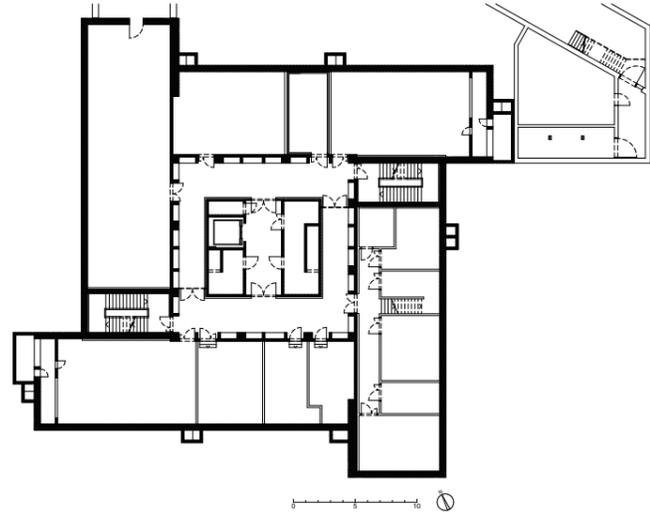


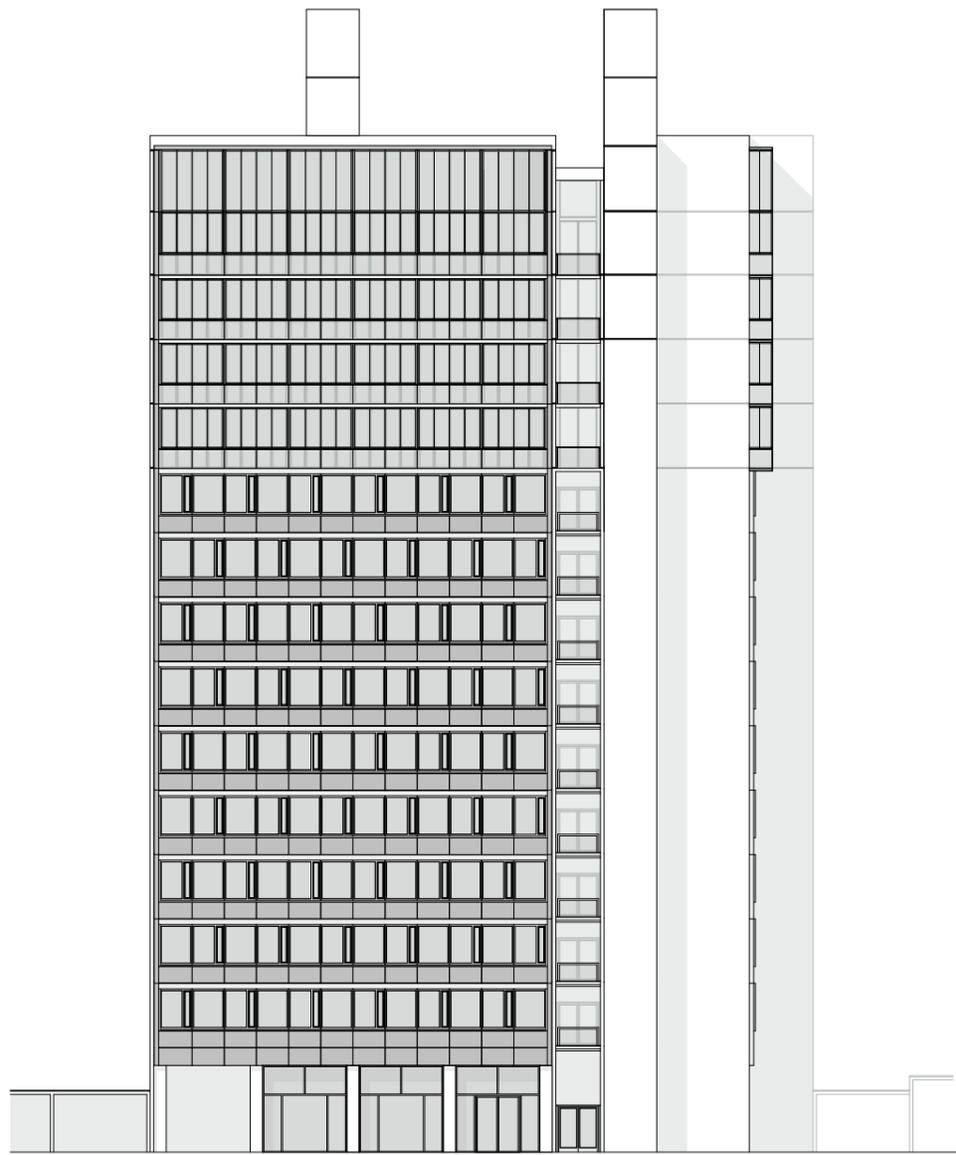




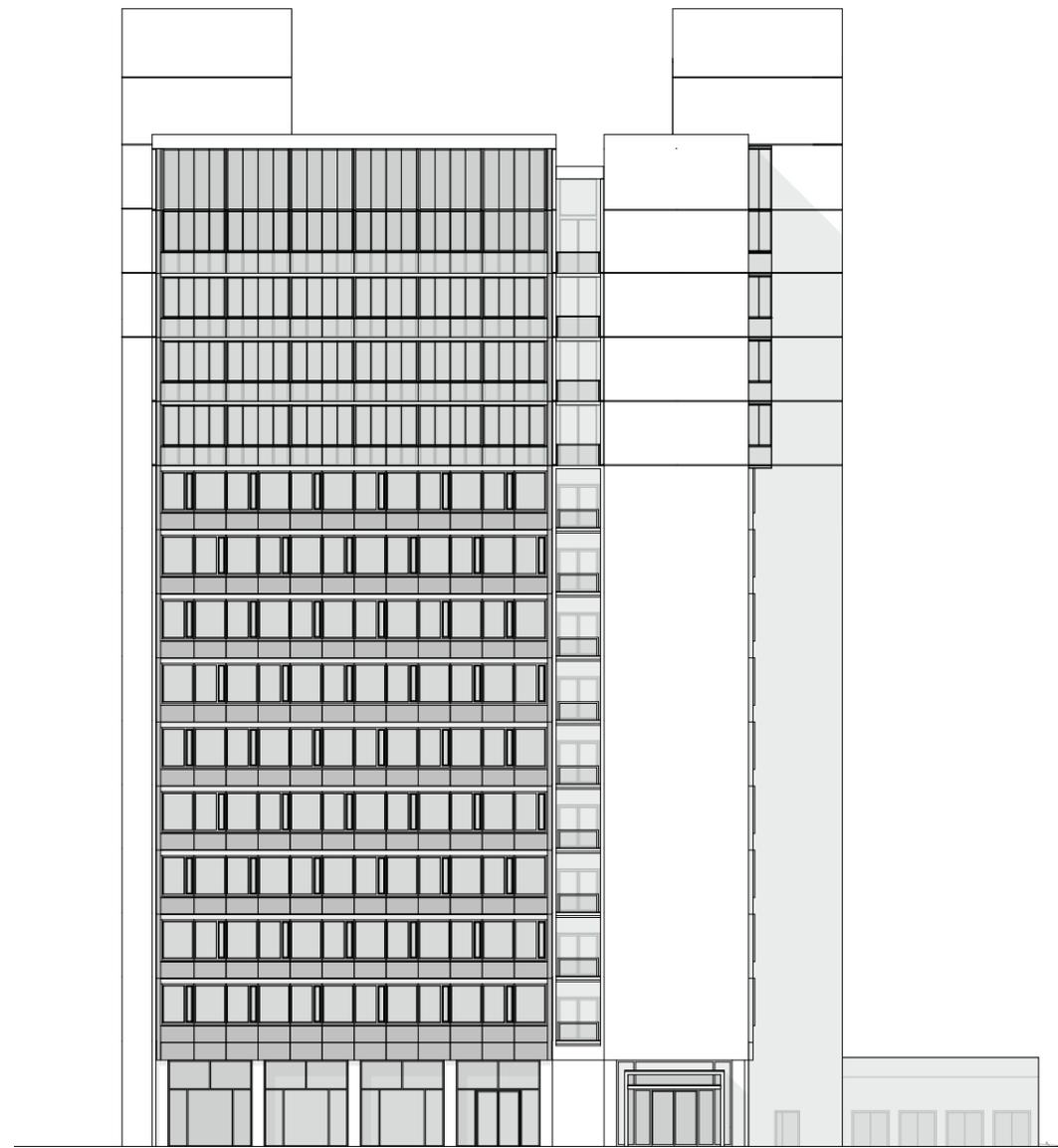






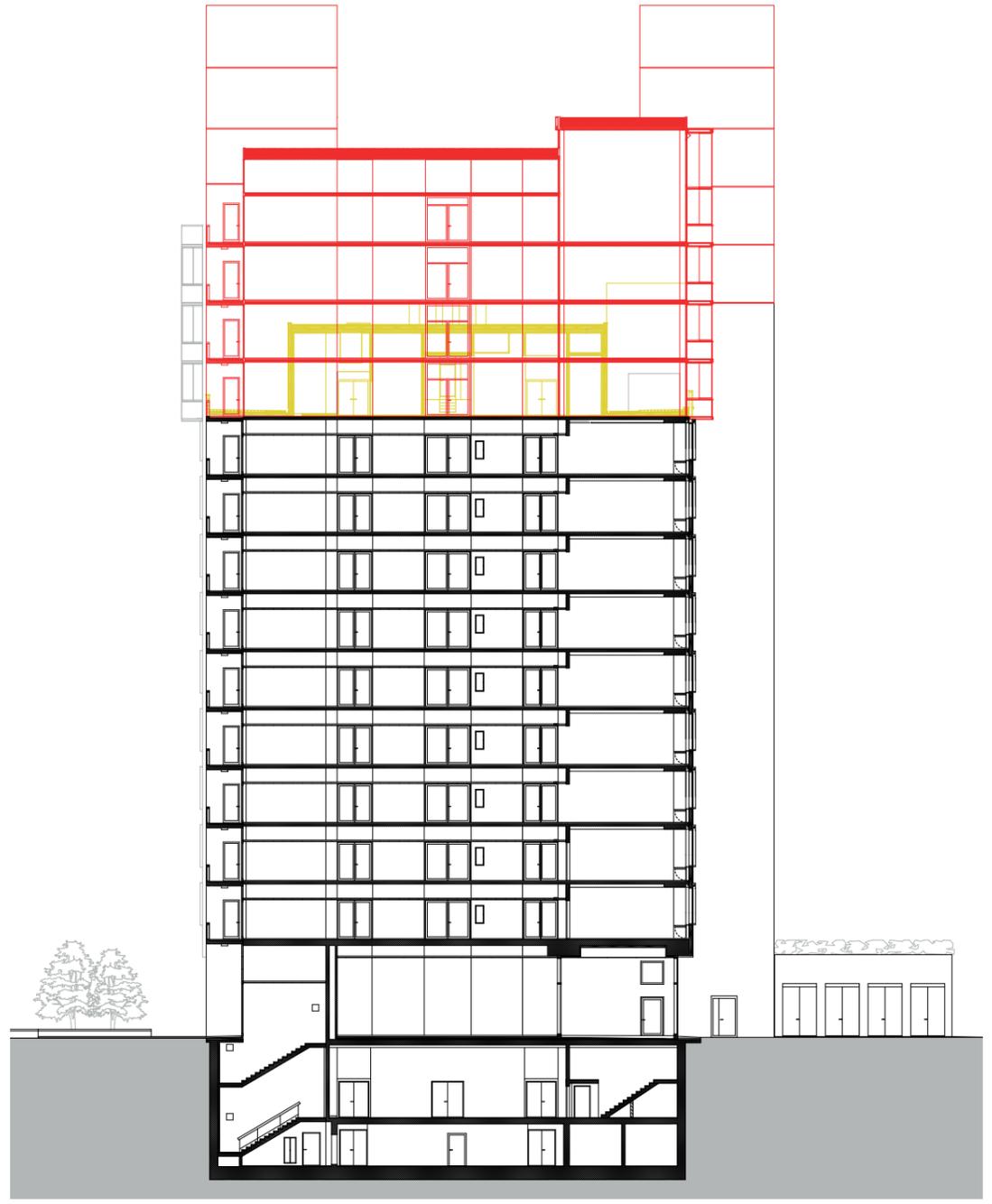


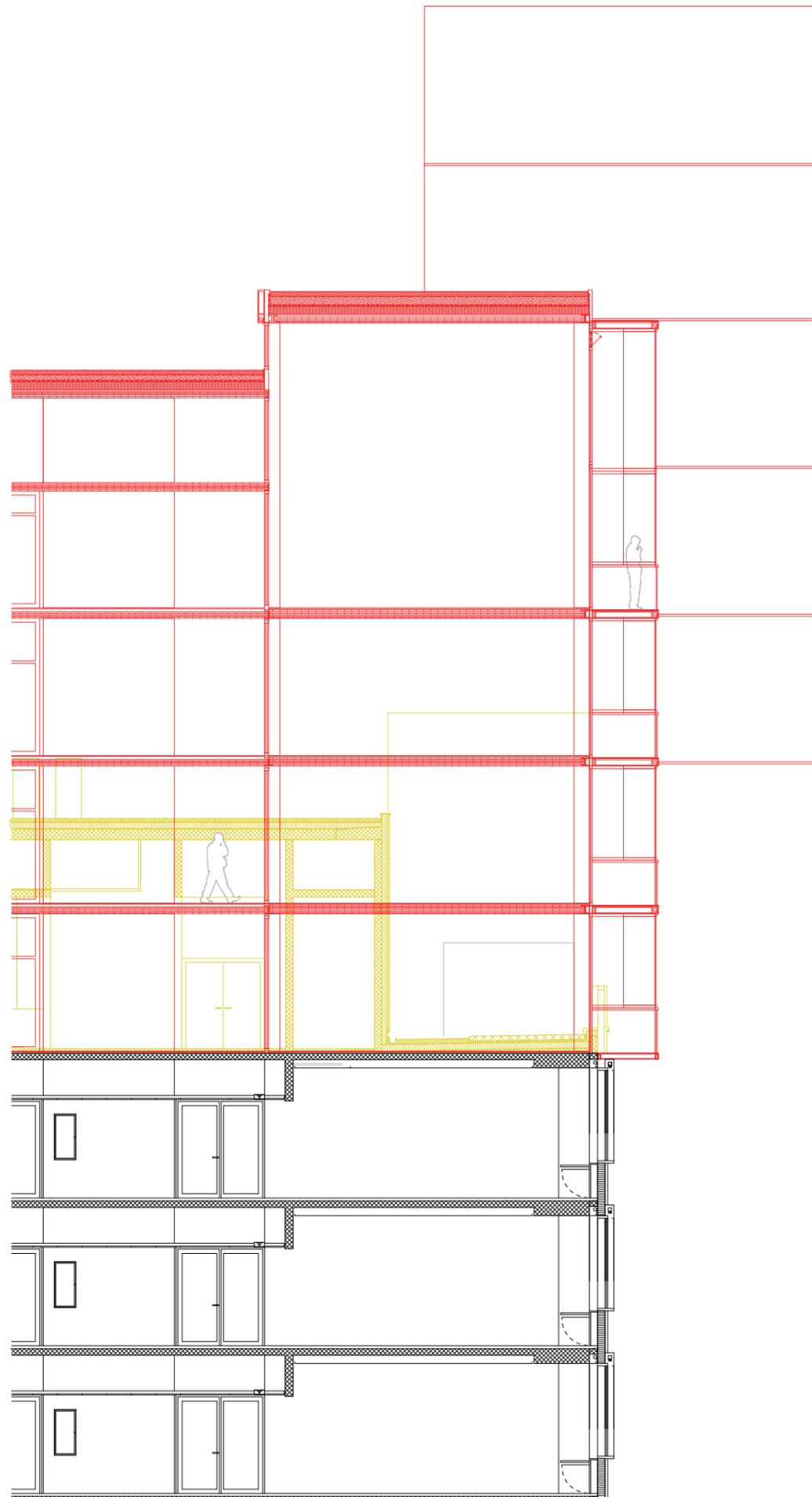
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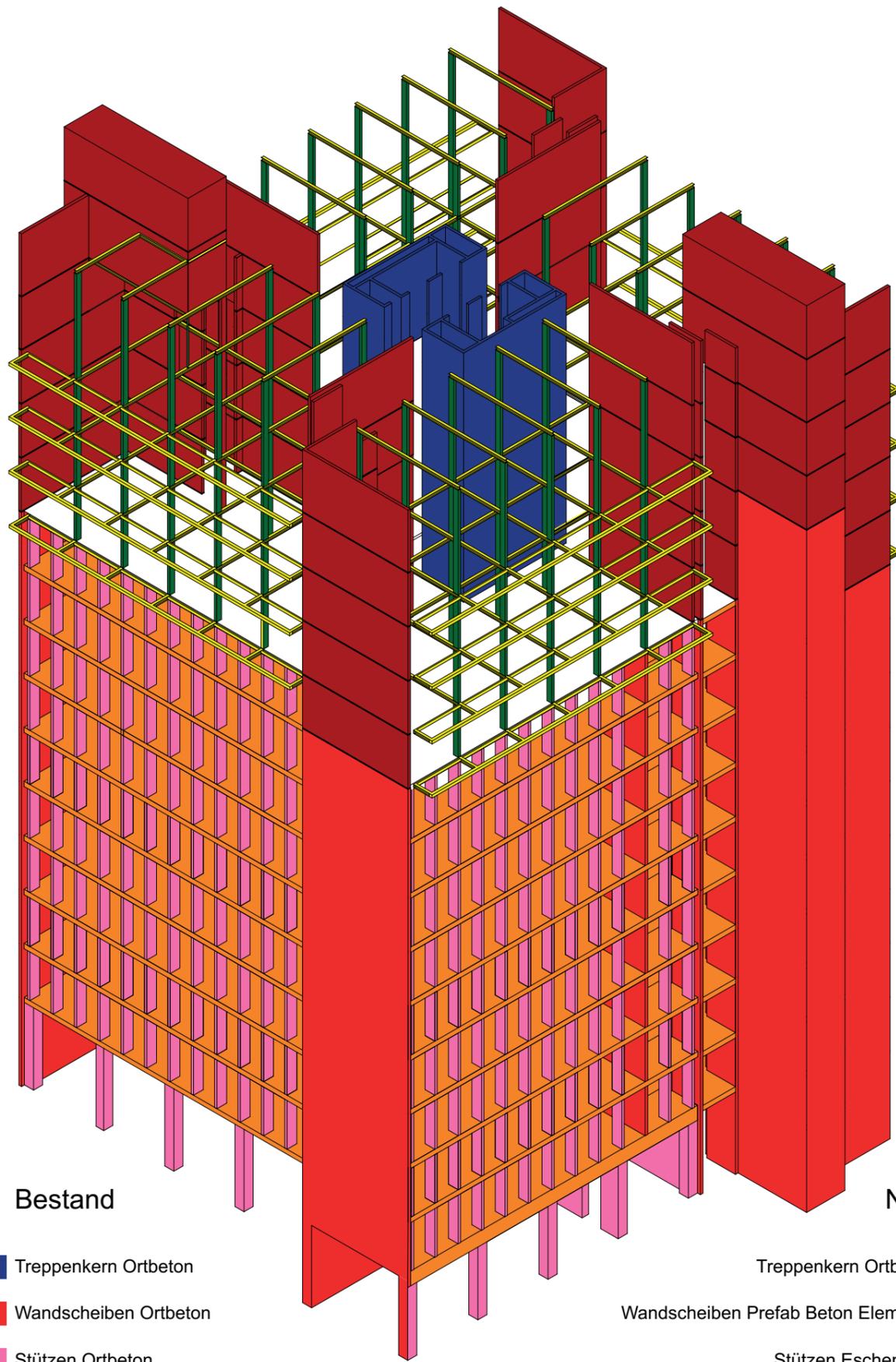
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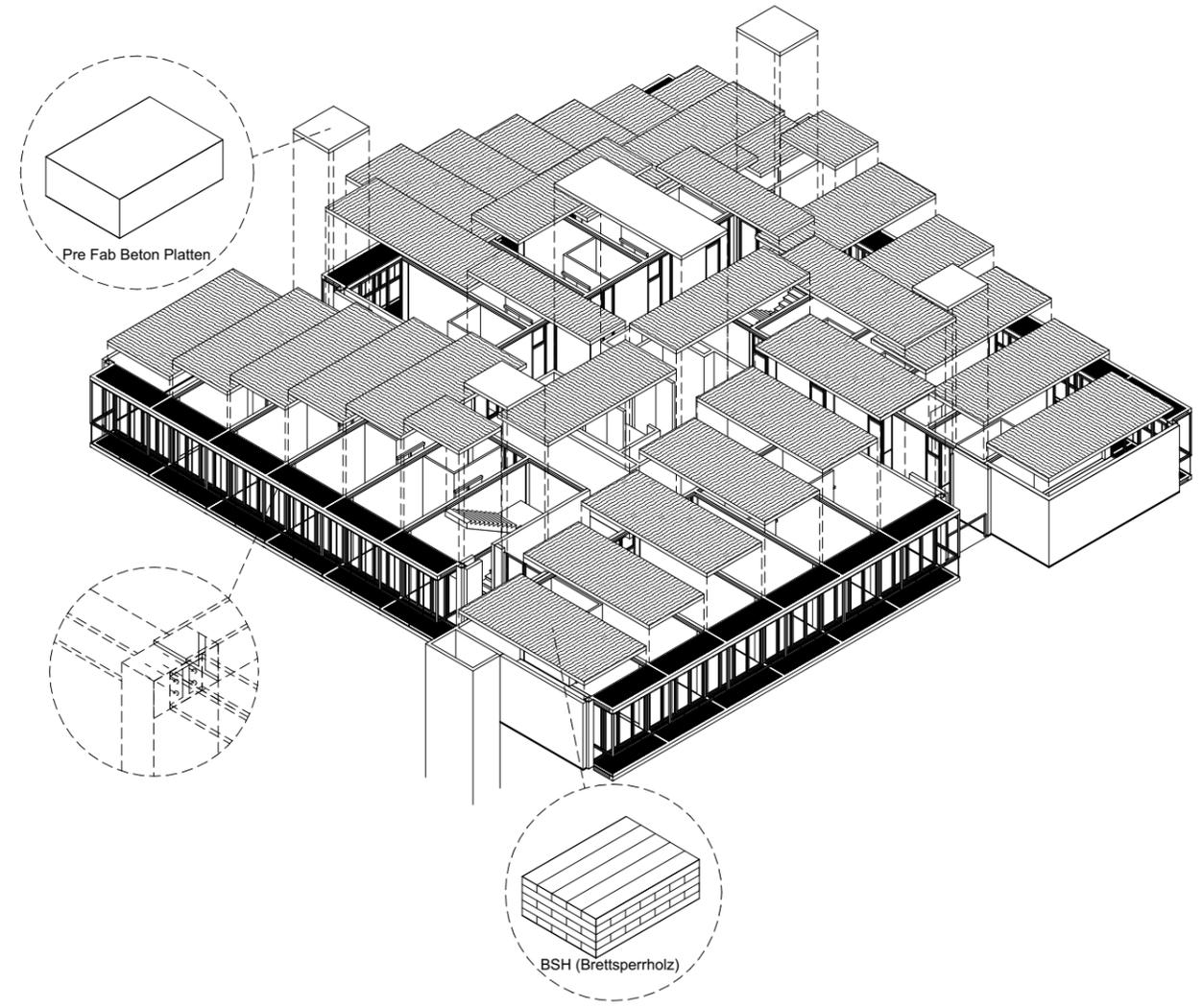


Bestand

Neu

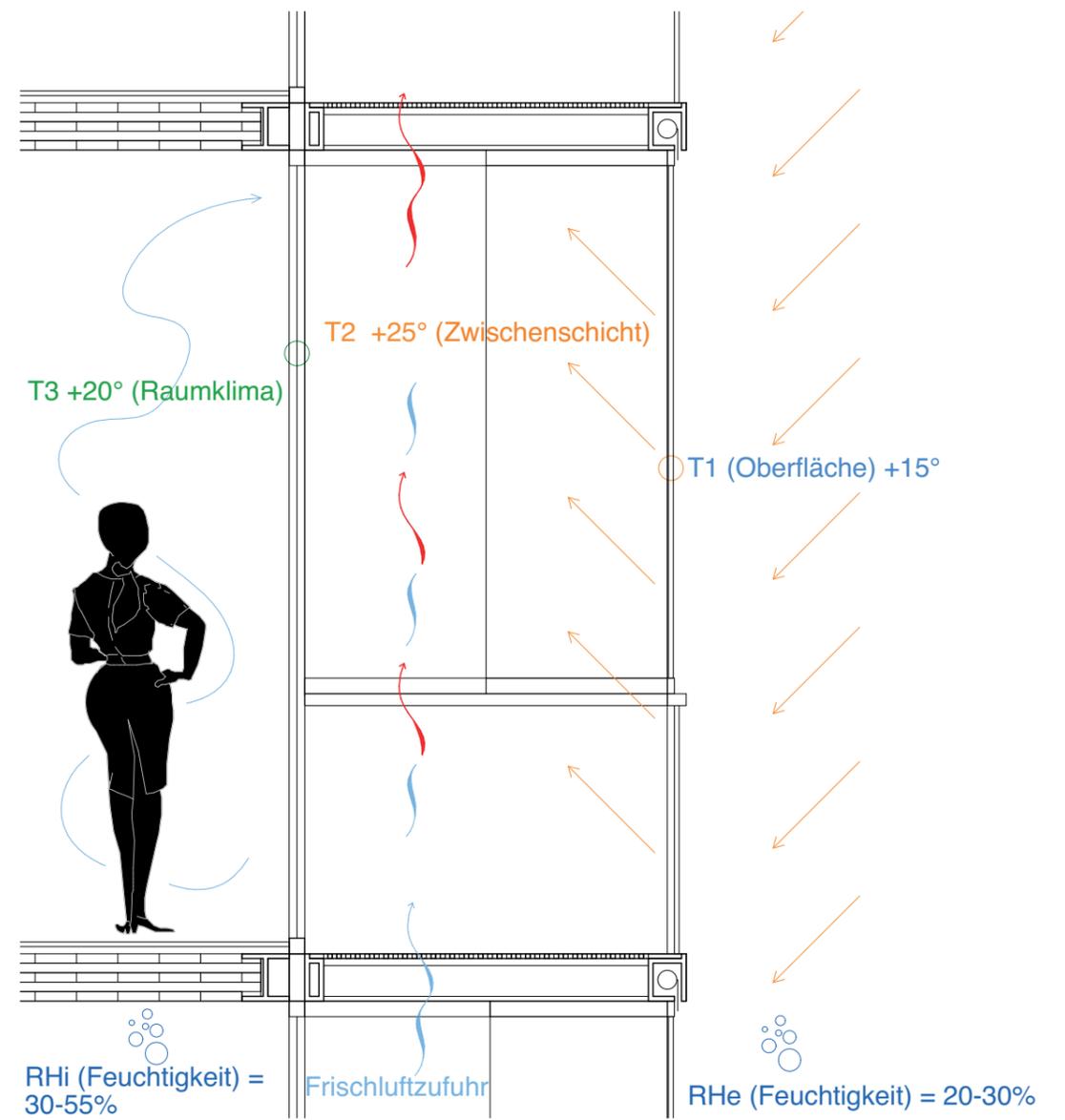
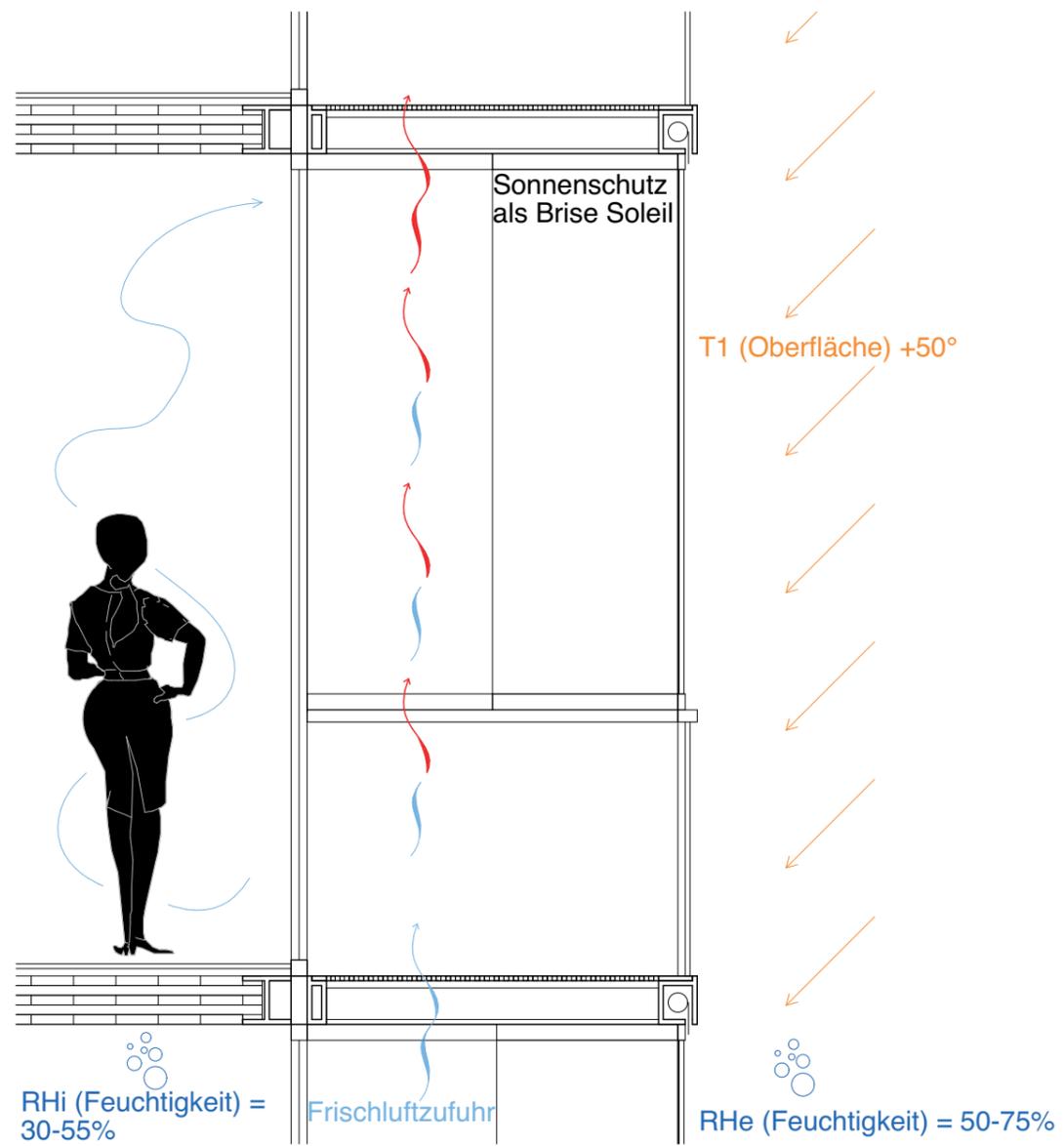
- Treppen Kern Ort beton
- Wandscheiben Ort beton
- Stützen Ort beton
- Geschossplatten Ort beton

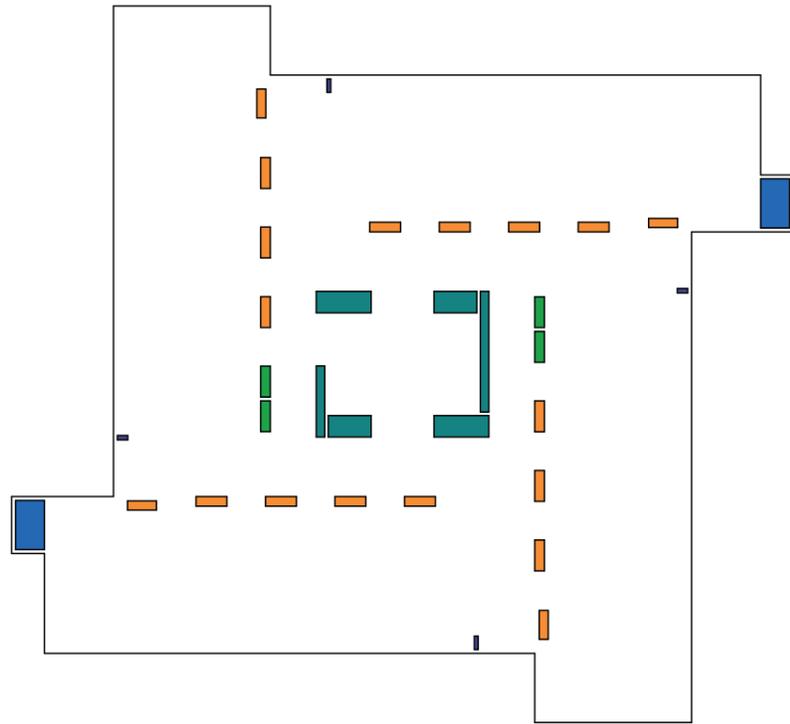
- Treppen Kern Ort beton
- Wandscheiben Prefab Beton Elemente
- Stützen Eschenholz
- Unterzüge Stahl, H-Profil



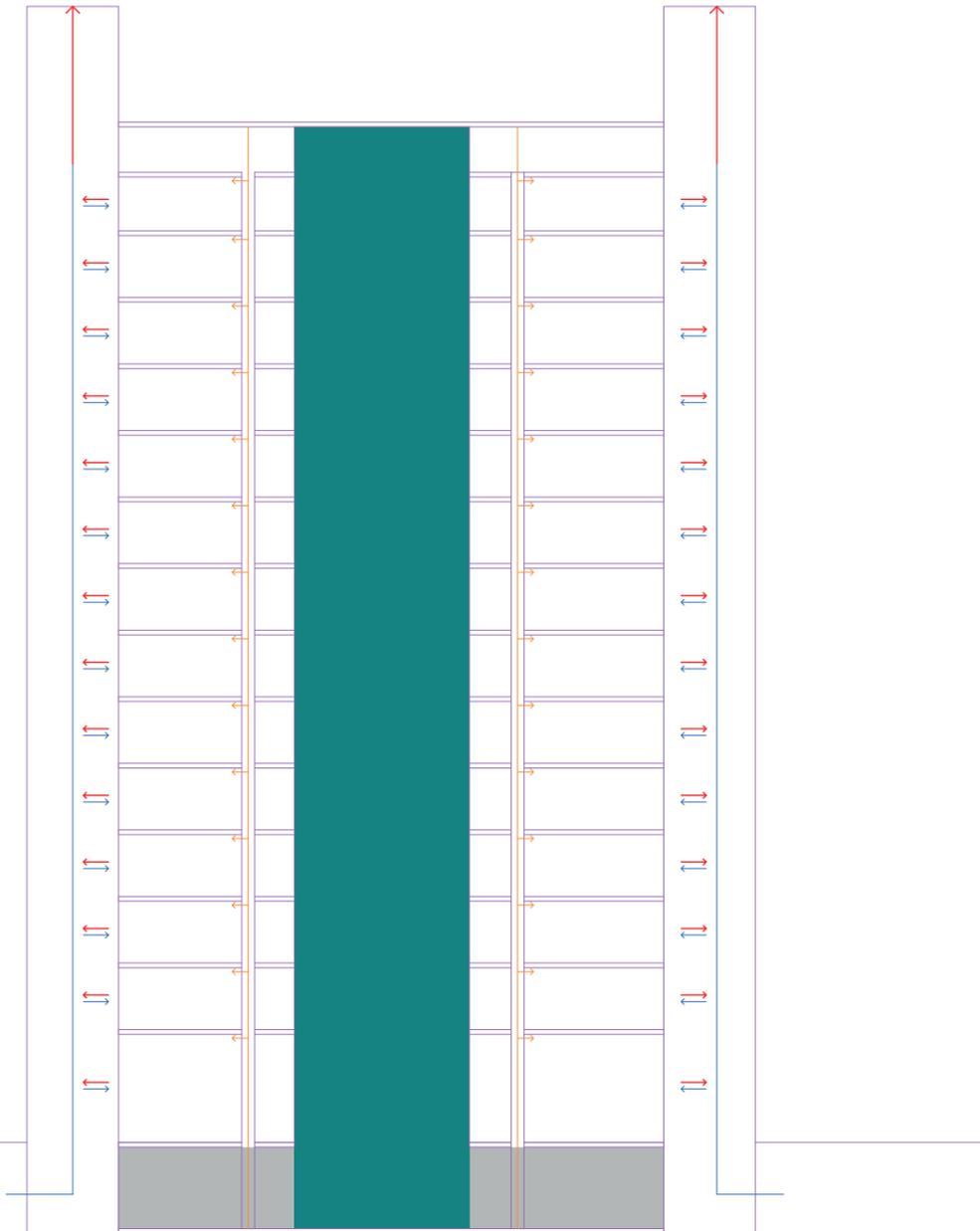
Pre Fab Beton Platten

BSH (Brettsper Holz)

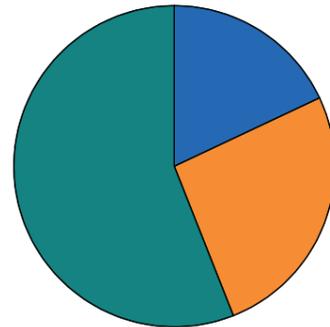




- Luftschacht
- Haustechnik, Wasser, Elektrizität
- Unterhalt Lifтанlagen, Elektrizität
- Elektrizität Storenanlagen Fassade



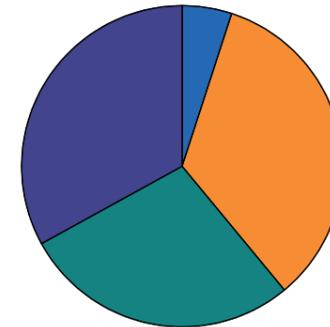
Bauen im Bestand



- Stützen (Beton) (18%)
- Wandscheiben (Beton) (26%)
- Geschossplatten (Beton) (56%)
- Elektrizität Storenanlagen Fassade

97.7kgCO₂e/kg/m²

Aufstockung



- Stützen (Eschenholz) (5%)
- Wandscheiben (Pre Fab Beton Elemente) (34%)
- Unterzüge (Stahl, H-Profil) (28%)
- Geschossplatte (Brettsperholz) (33%)

73.5kgCO₂e/kg/m²









