

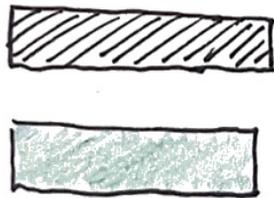


Alexander Feilmair

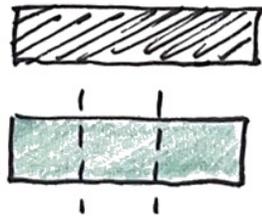
health
creation
campus

drawing set

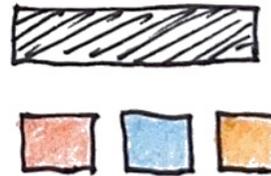
concept



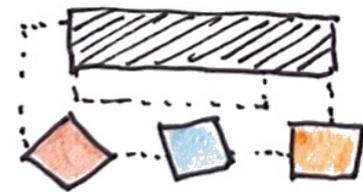
dwelling in
existing structure
+
new health creation
environment



why forcing all functions
into one building?



programmatically
harmonised structures



creation of unity through
a connecting platform

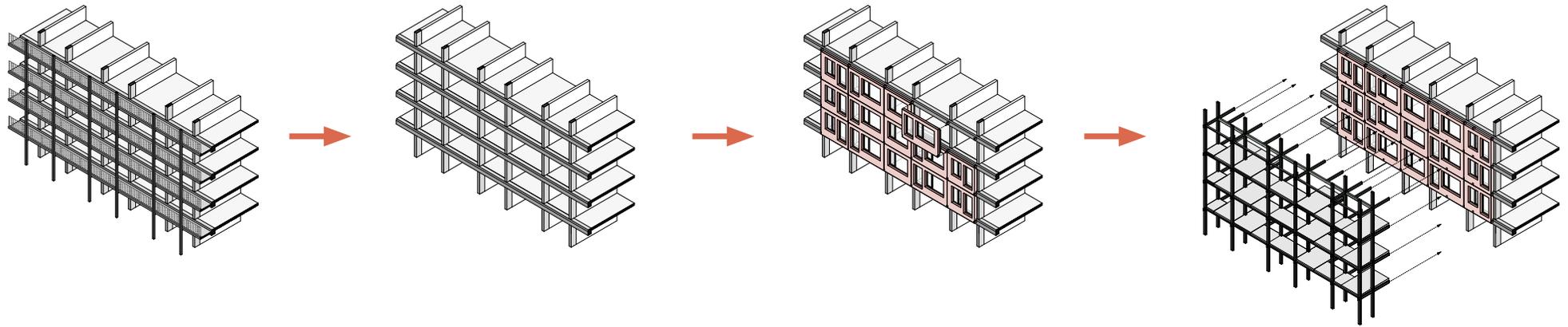


dwelling in existing structure
+
retail on high-rise ground floor
+
public health creation environment

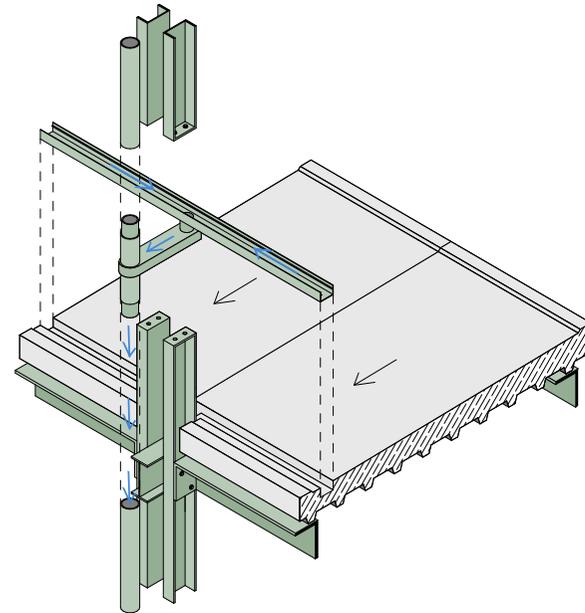
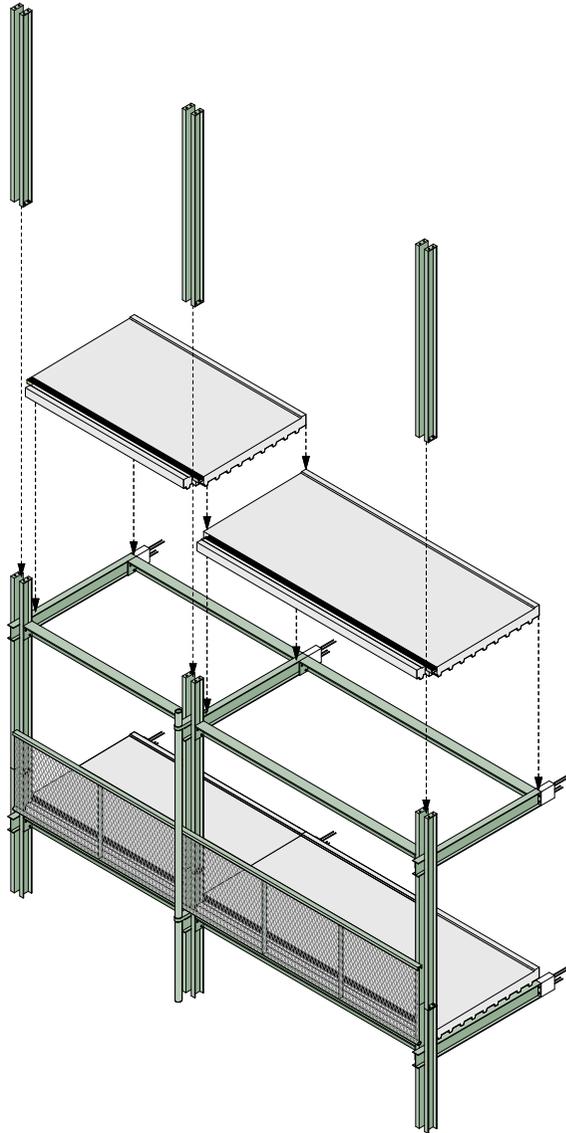


health creation
campus

design principles



gallery construction



exemplary floor plan



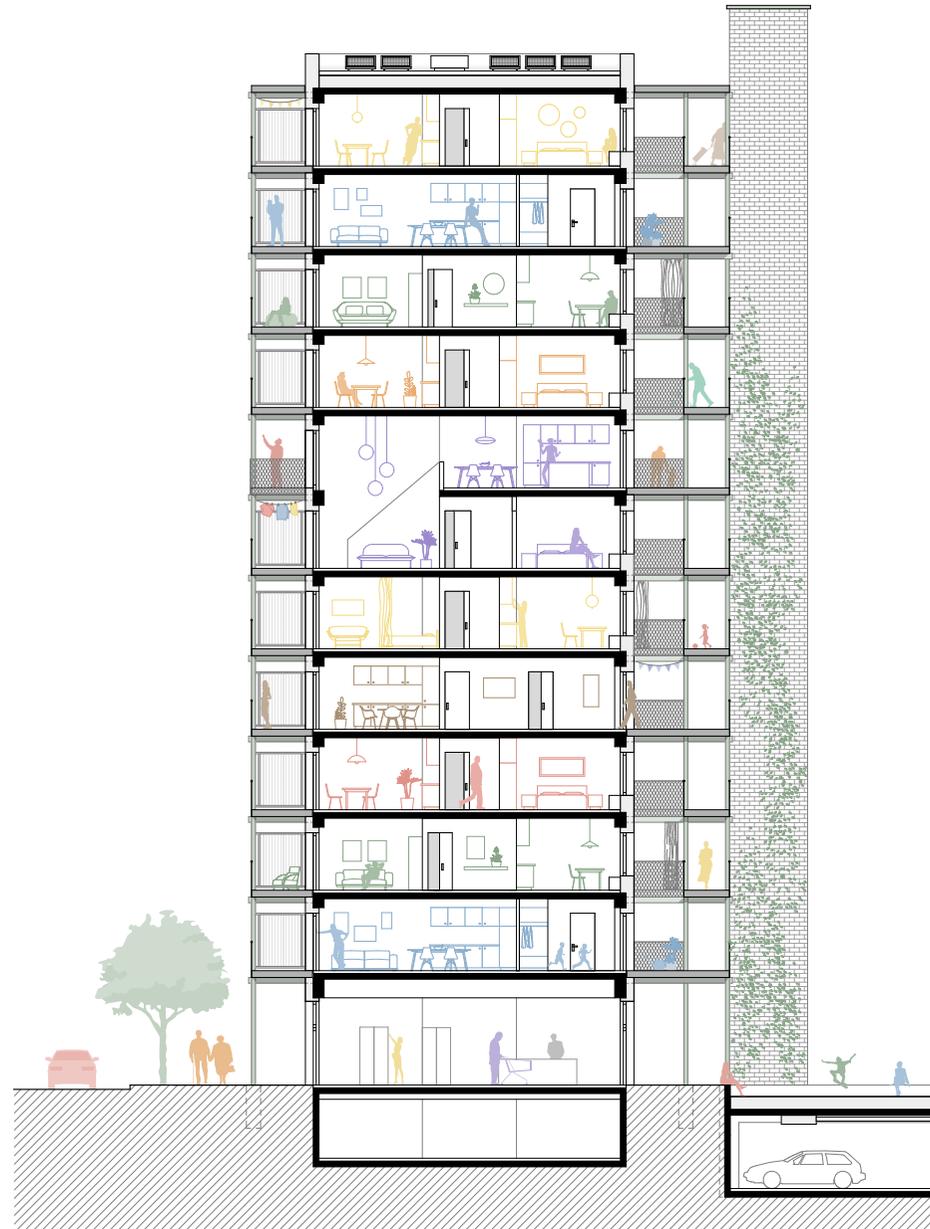
-  student apartment (28m²)
-  starter apartment (38m² – young professionals, couples)
-  Maisonette apartment (60m² – couples / working + living)
-  elderly-friendly apartment (54m²)
-  young family apartment (70m²)

exemplary floor plan



- | | |
|--|--|
|  student apartment (28m ²) |  elderly-friendly apartment (54m ²) |
|  starter apartment (38m ² – young professionals, couples) |  young family apartment (70m ²) |
|  Maisonette apartment (60m ² – couples / working + living) |  shared living apartment (85m ²) |

section



climate concept

1. passive climate measures

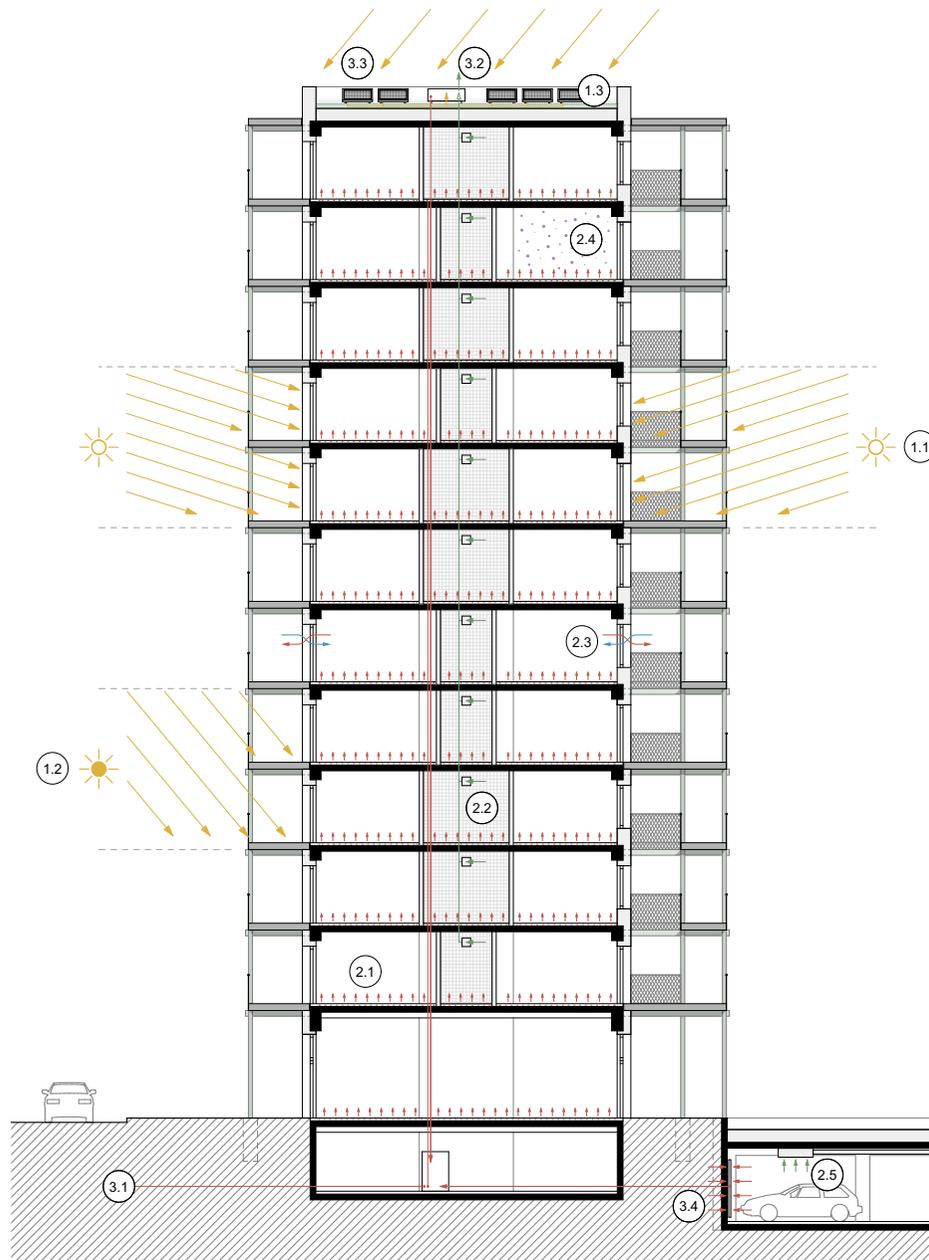
- 1.1 solar input at low sun position
- 1.2 shading at high sun position
- 1.3 green roof

2. active climate measures

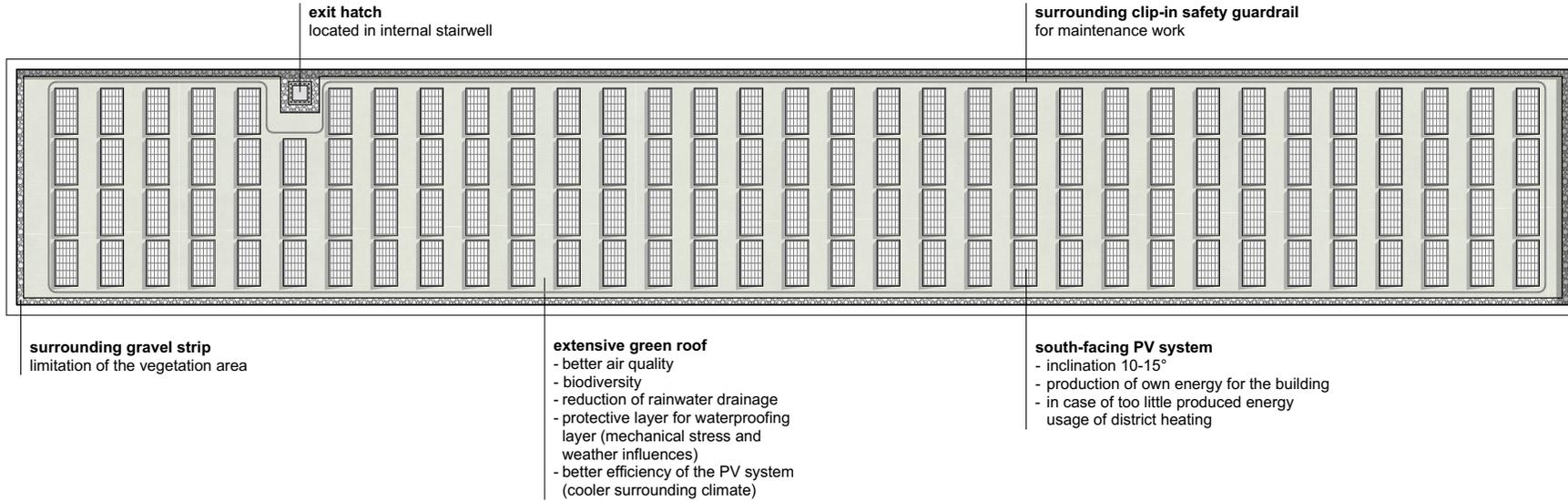
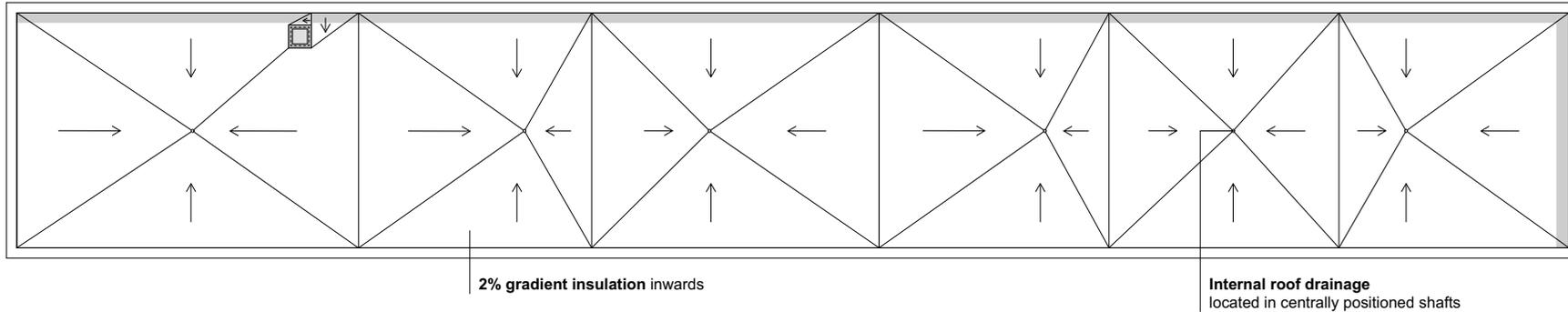
- 2.1 floor heating
- 2.2 air extraction from internal bathrooms
- 2.3 decentralized ventilation units
- 2.4 clay building boards
- 2.5 underground car park ventilation

3. energy sources

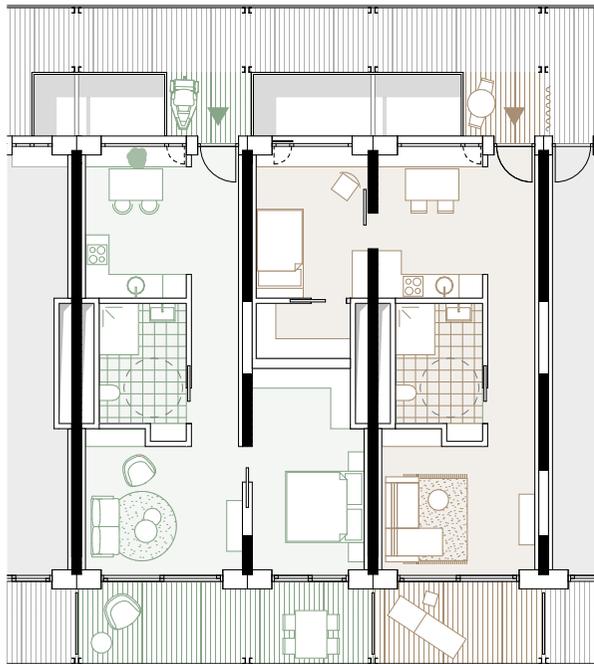
- 3.1 district heating
- 3.2 exhaust air heat pump
- 3.3 PV system
- 3.4 geothermal wall panels in UG parking



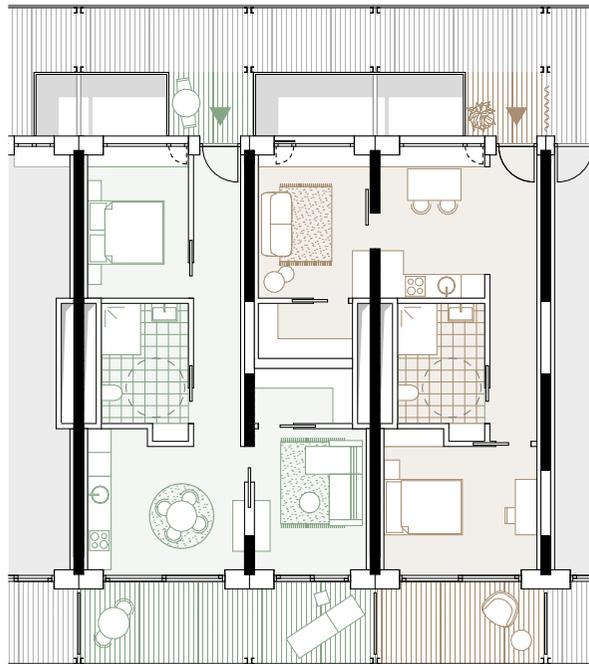
roof plan



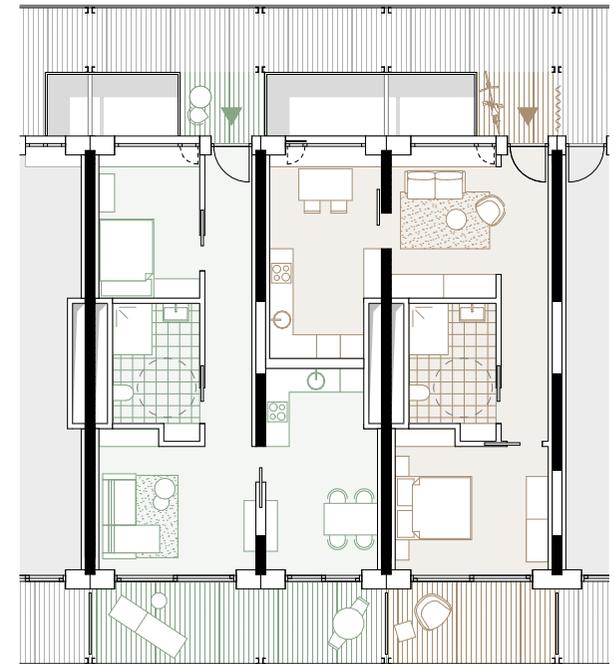
elderly-friendly apartment



option 1



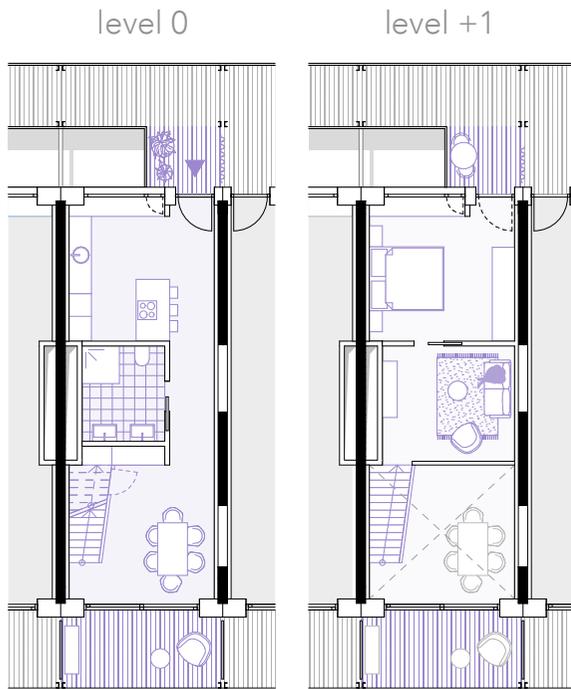
option 2



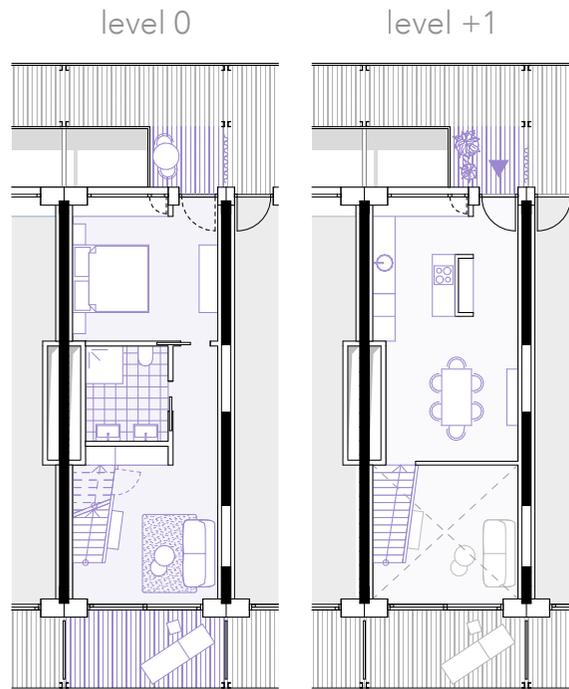
option 3



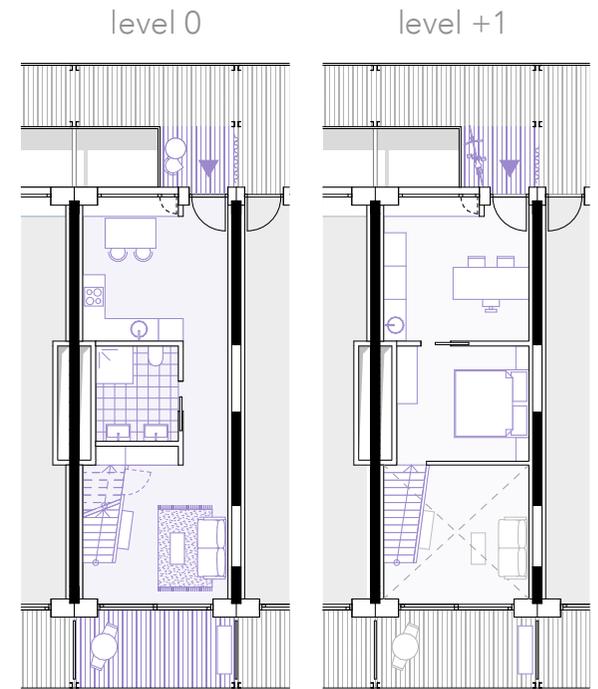
maisonette apartment



option 1



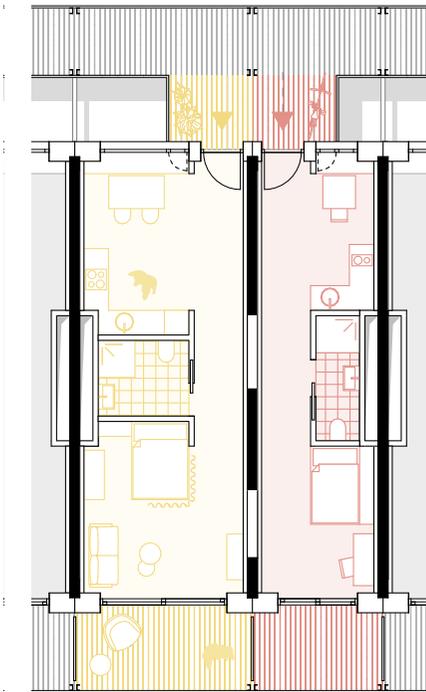
option 2



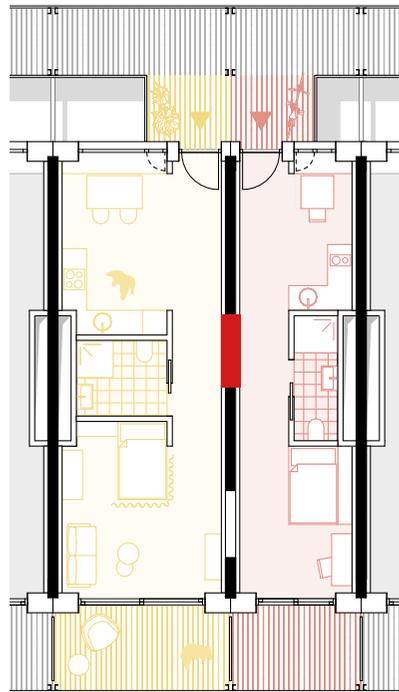
option 3



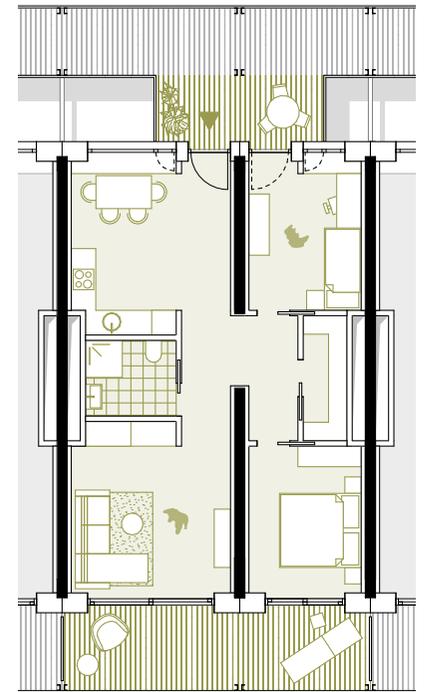
two into one – connecting apartments



two separate apartments



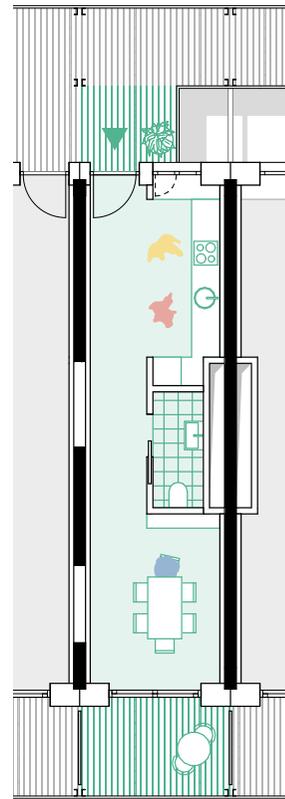
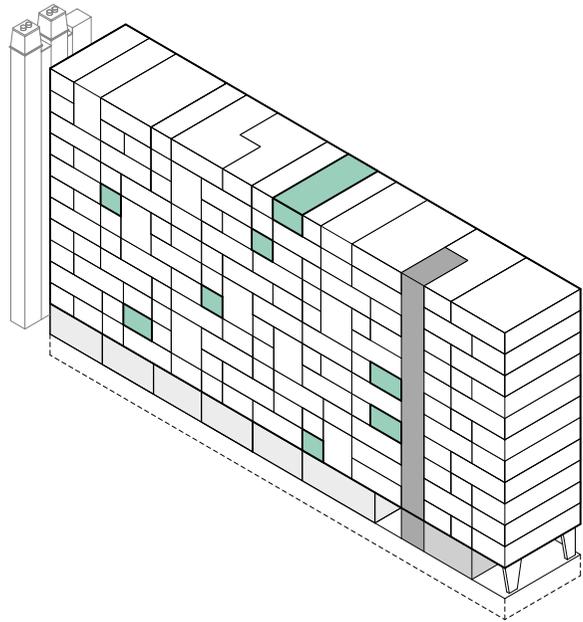
re-introduction of the wall opening



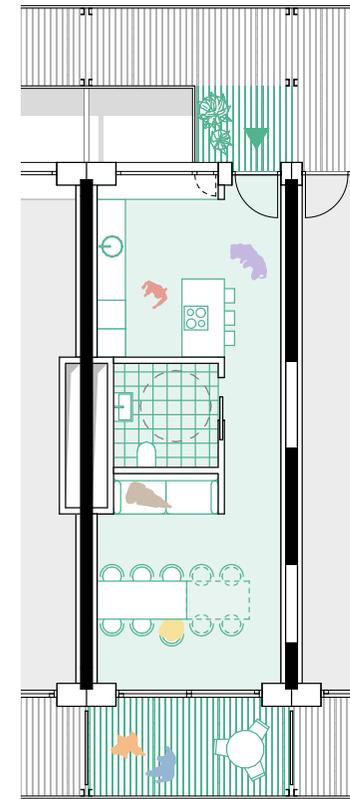
new layout



common rooms



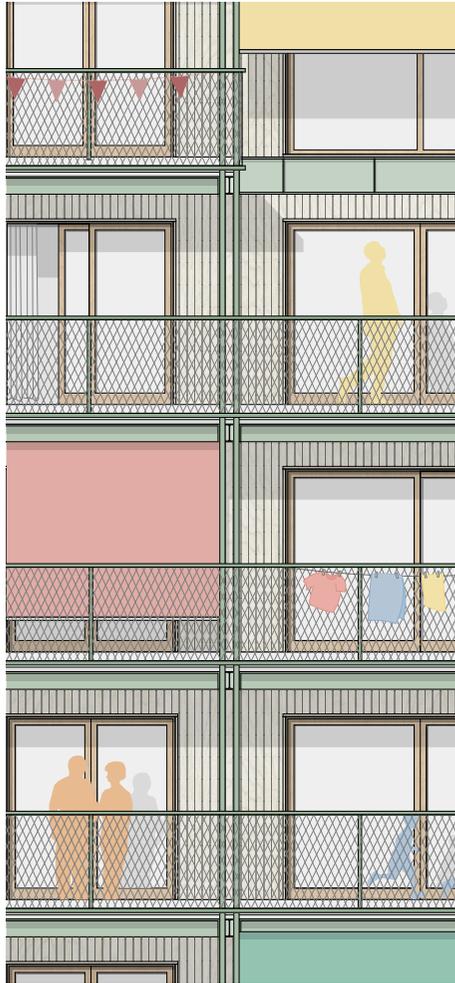
common room S



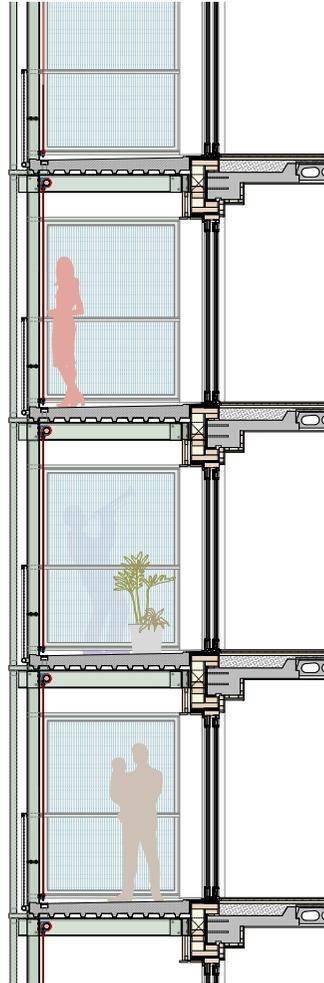
common room L



facade fragments

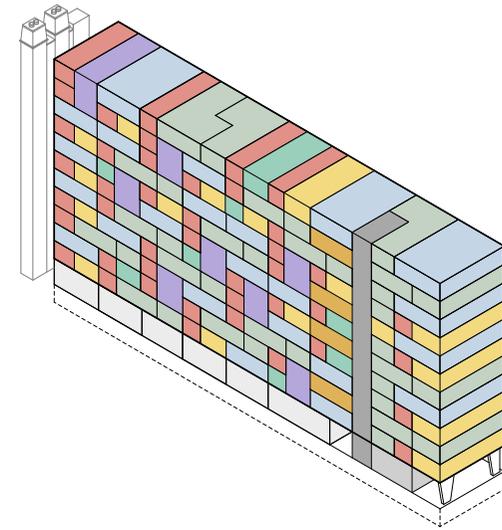
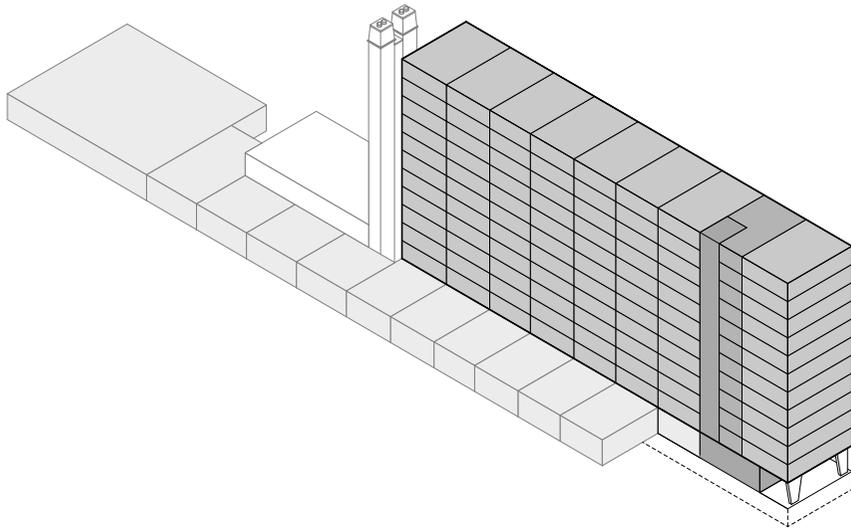


balconies



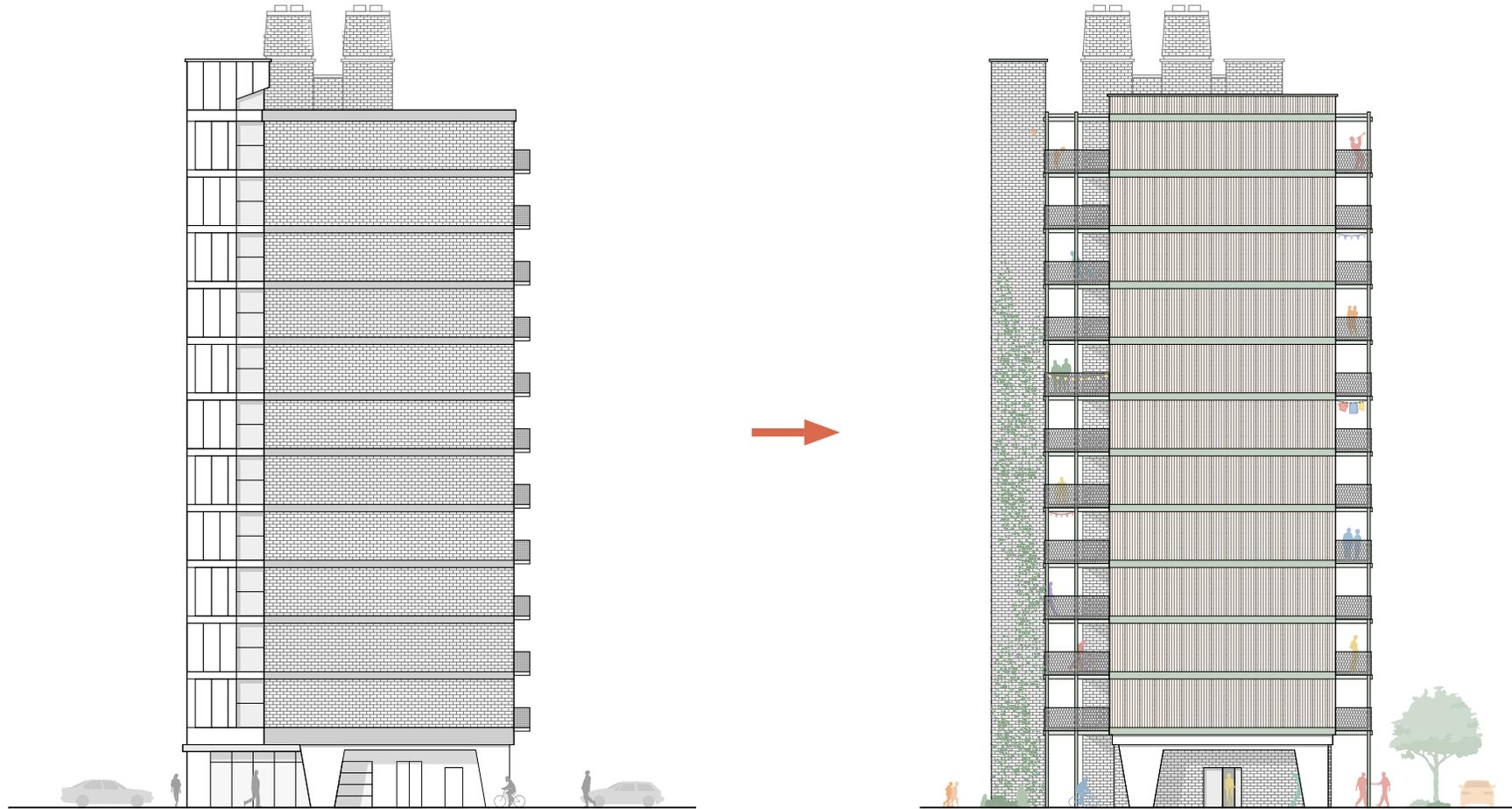
gallery accesses

from this... to this!



- student apartments: 40
- starter apartments: 18
- maisonette apartments: 8
- elderly-friendly apartments: 37
- young family apartments: 23
- shared living apartments: 4
- common rooms: 8
- small businesses (ground floor): 6

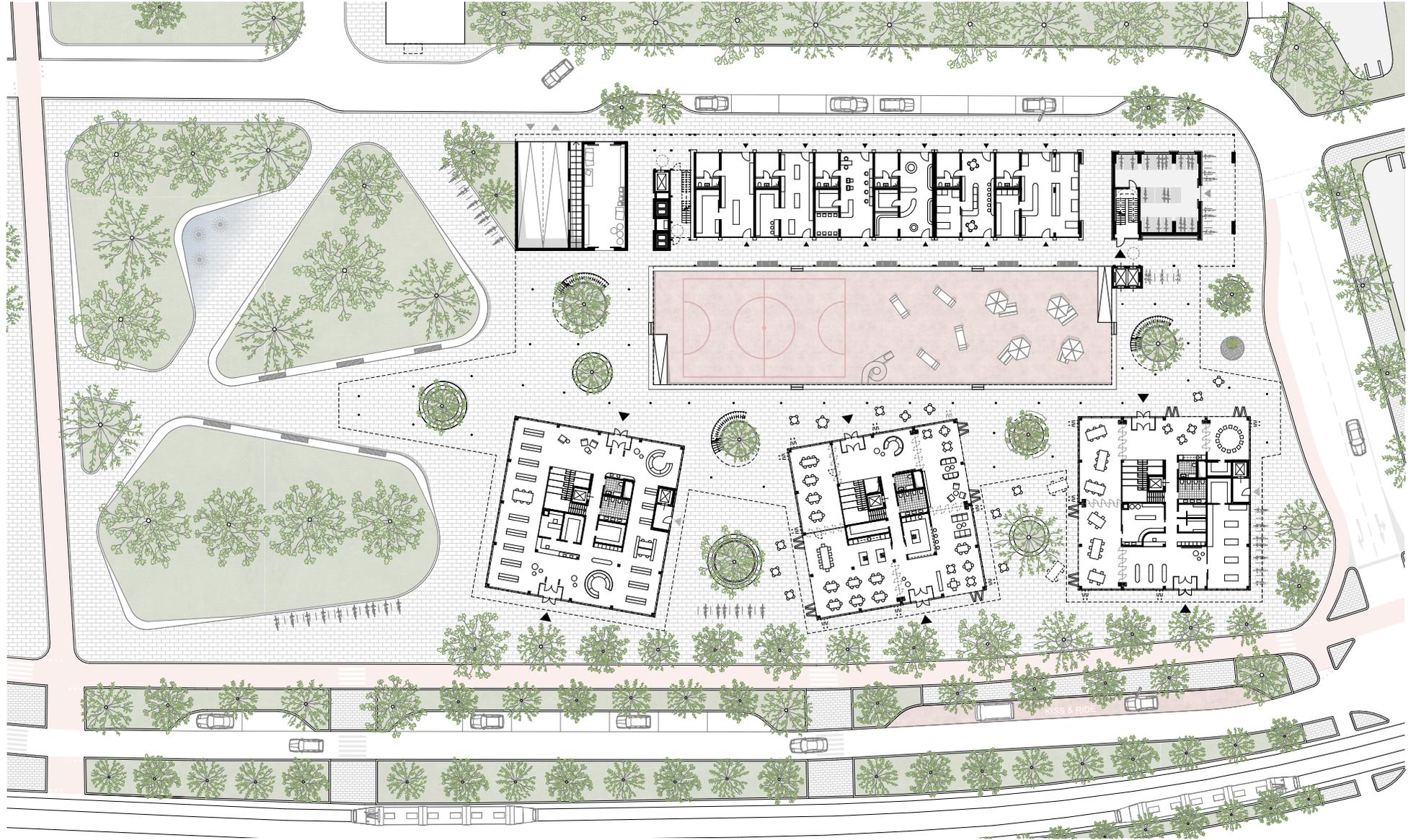
from this... to this!



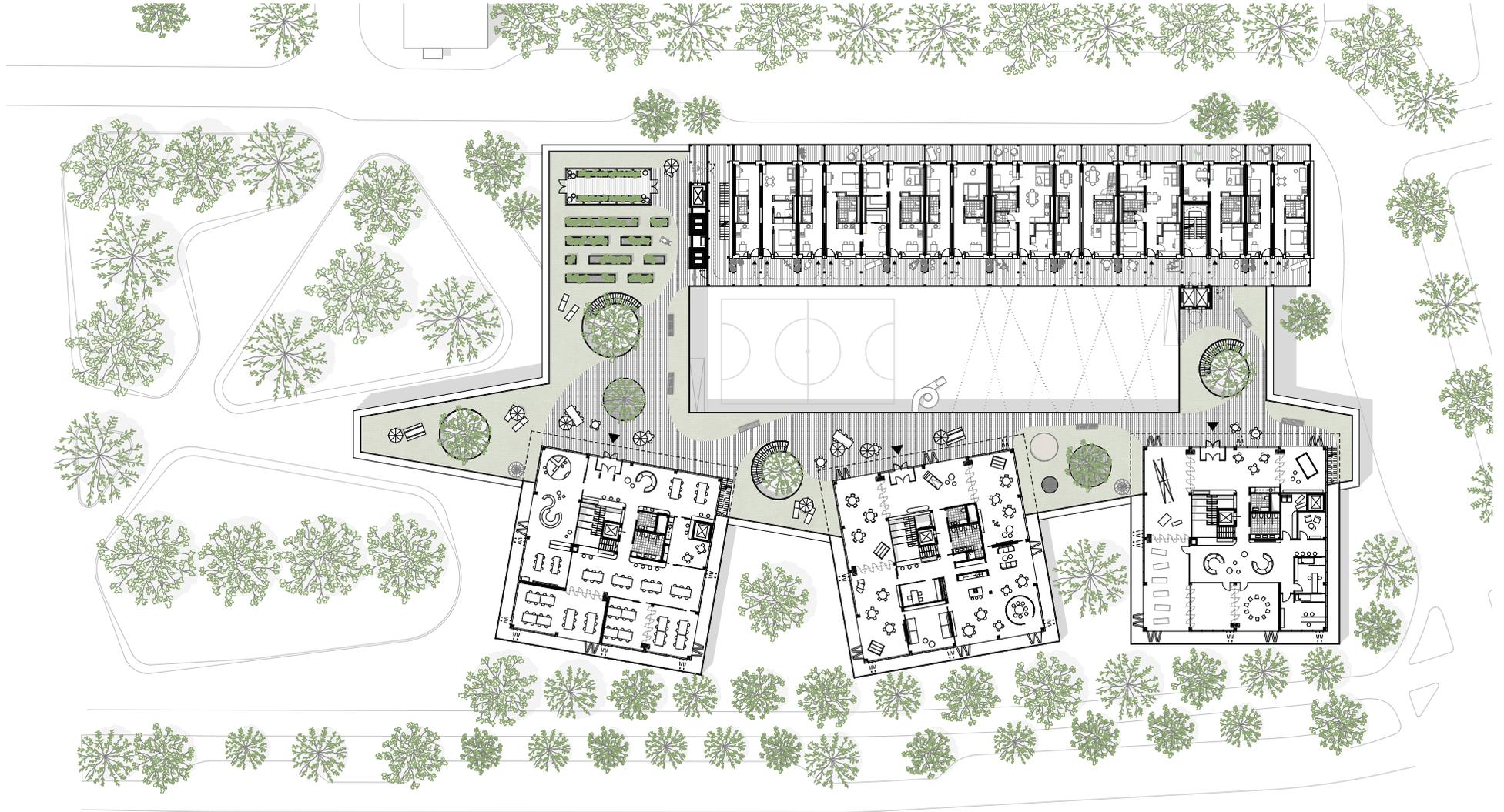
from this... to this!



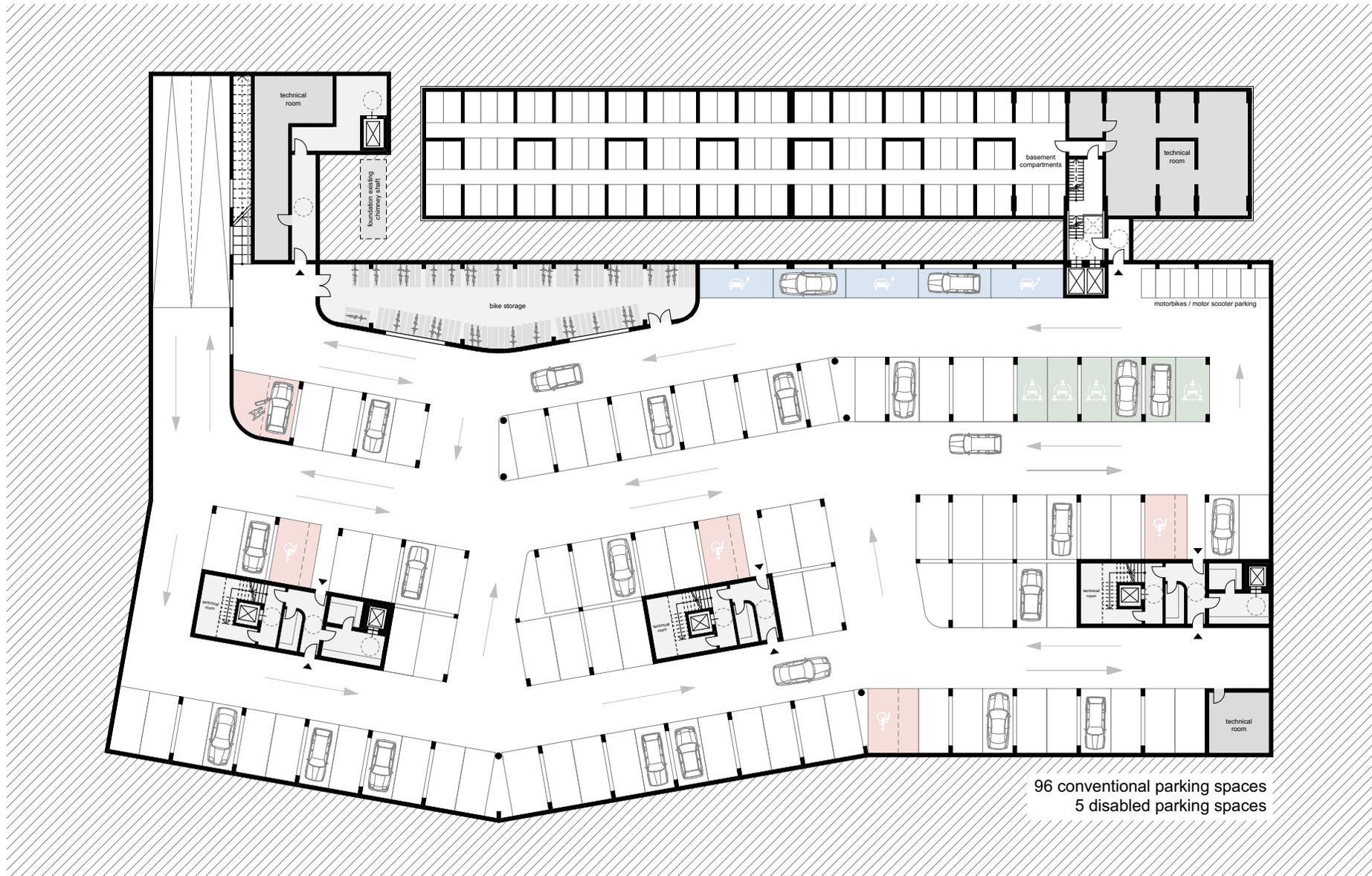
ground floor



platform level

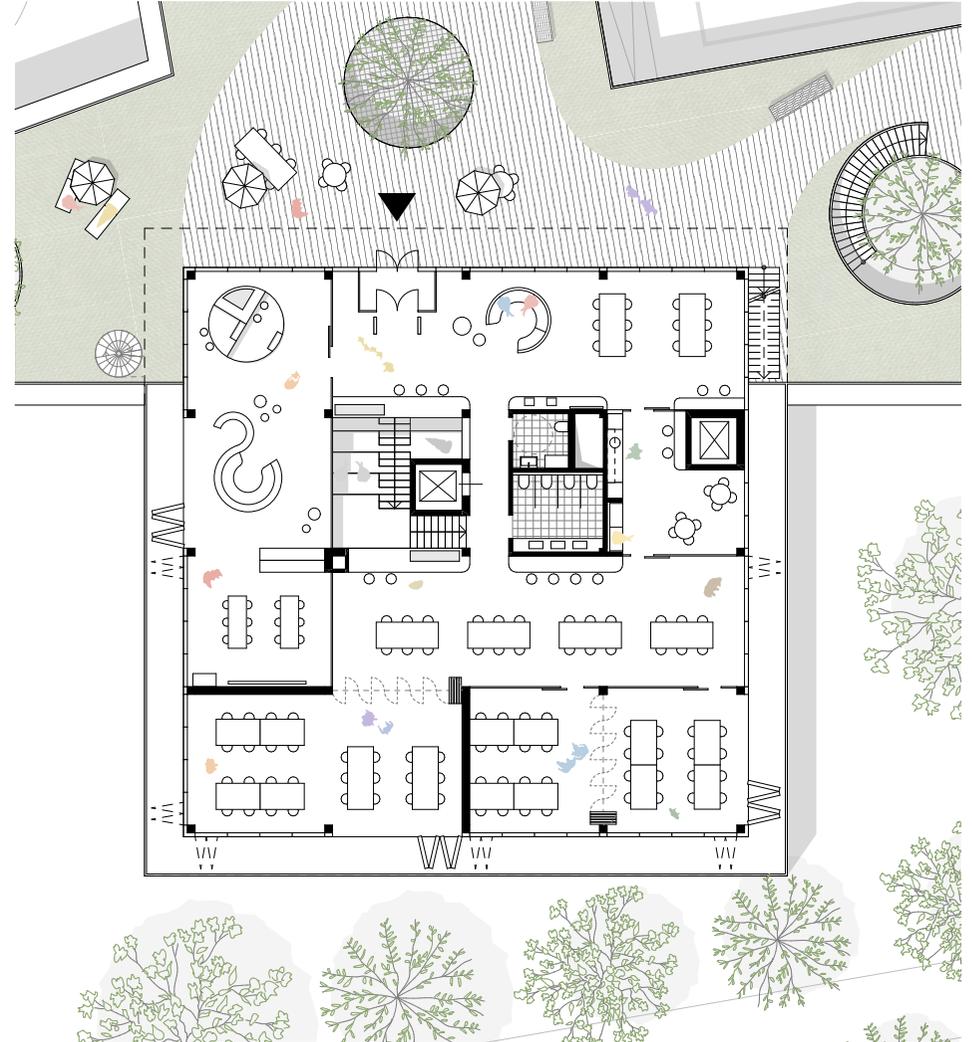
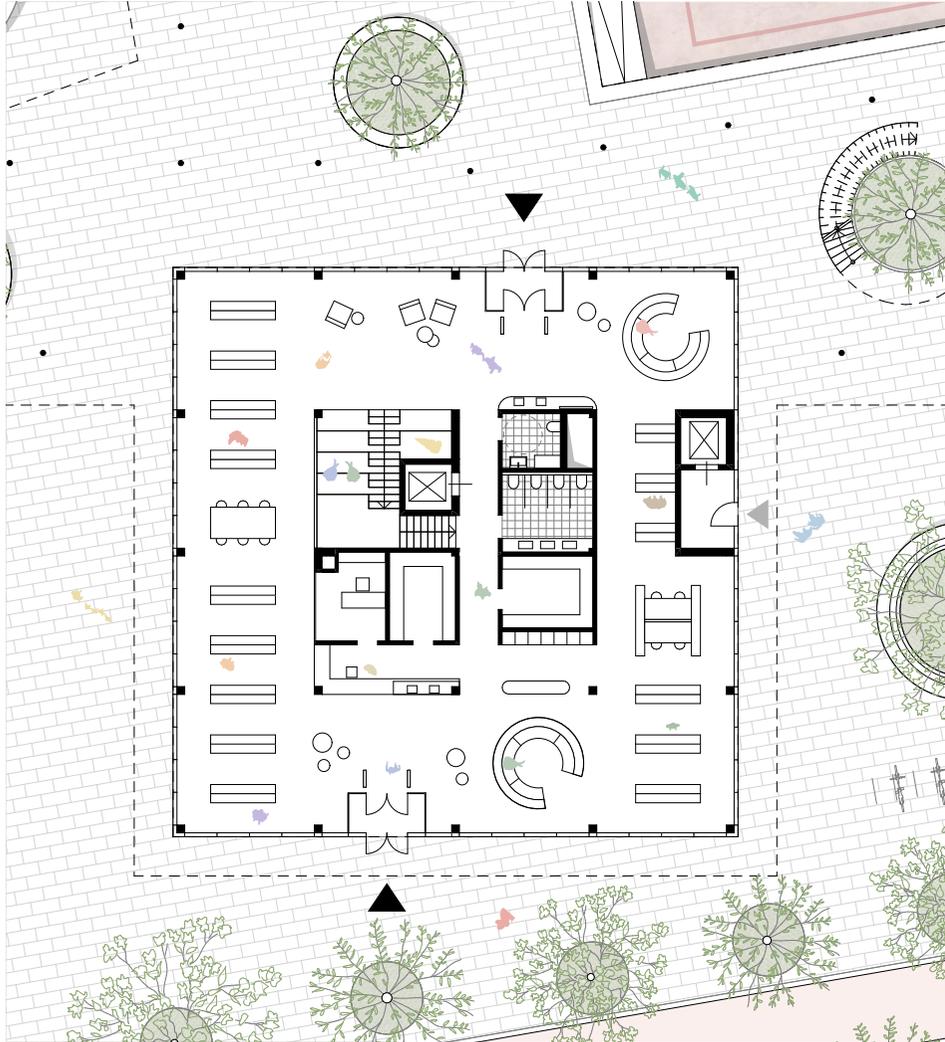


underground parking

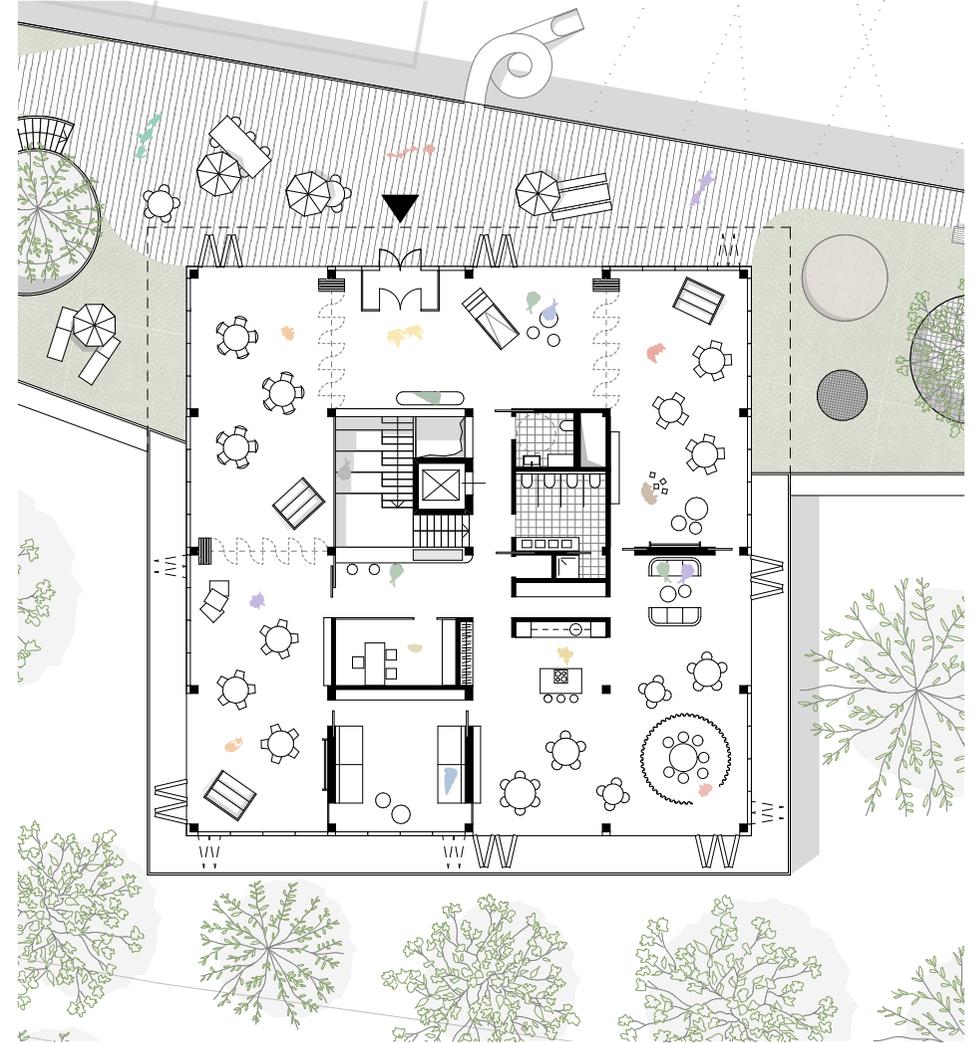
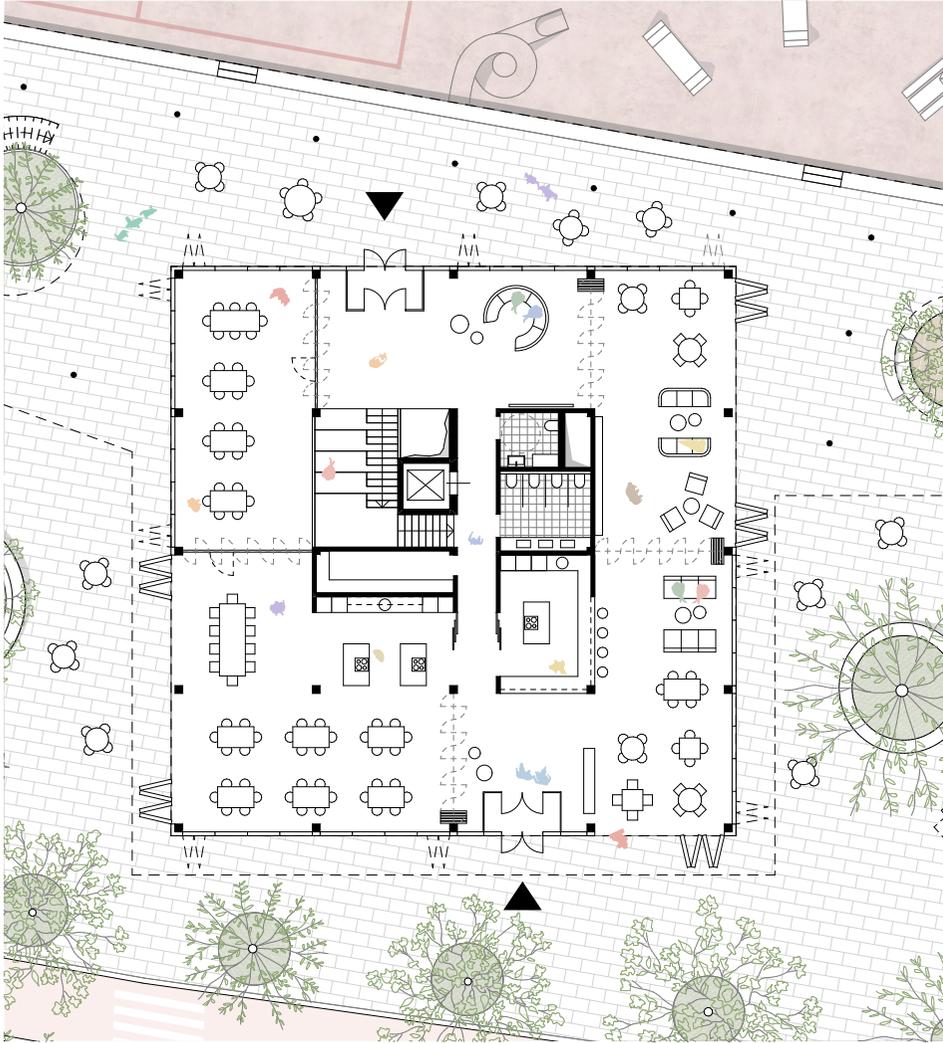
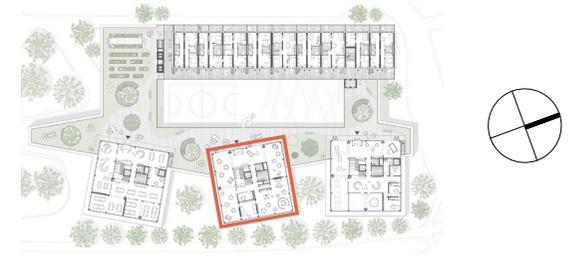


96 conventional parking spaces
5 disabled parking spaces

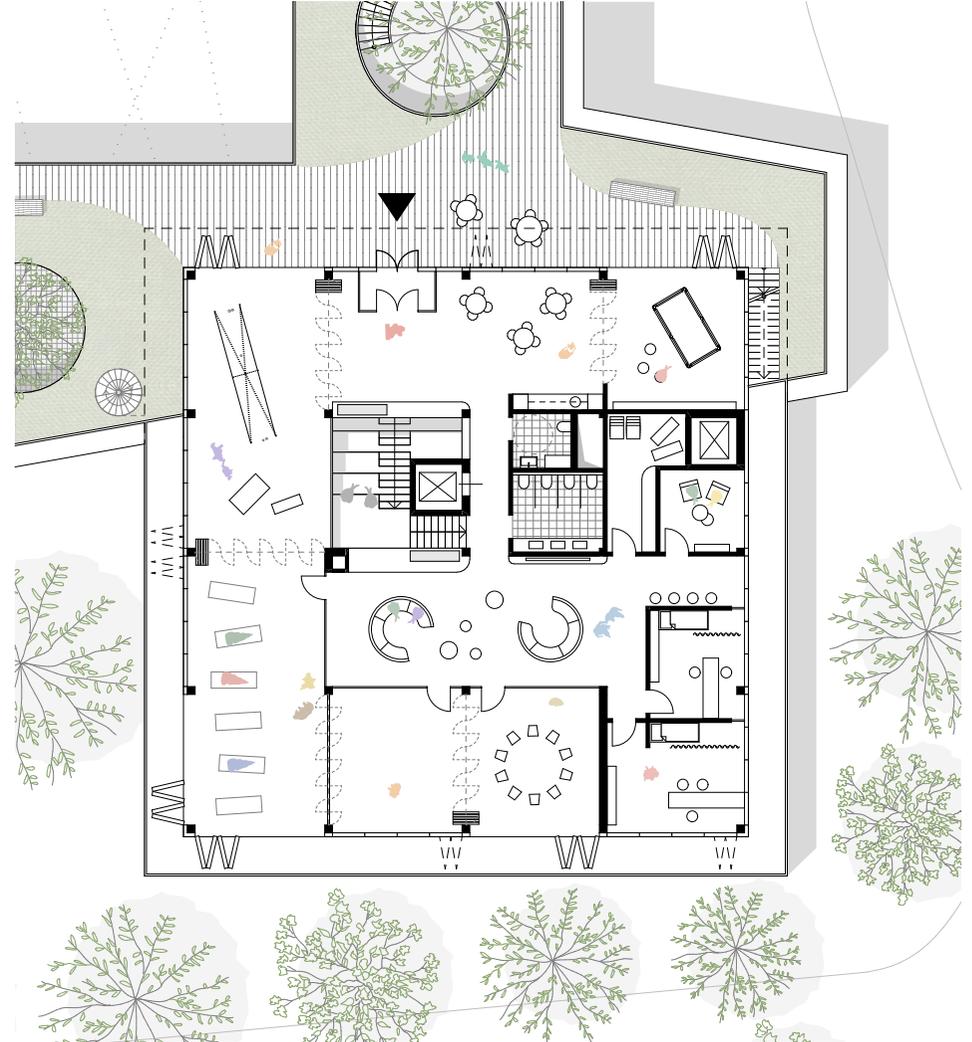
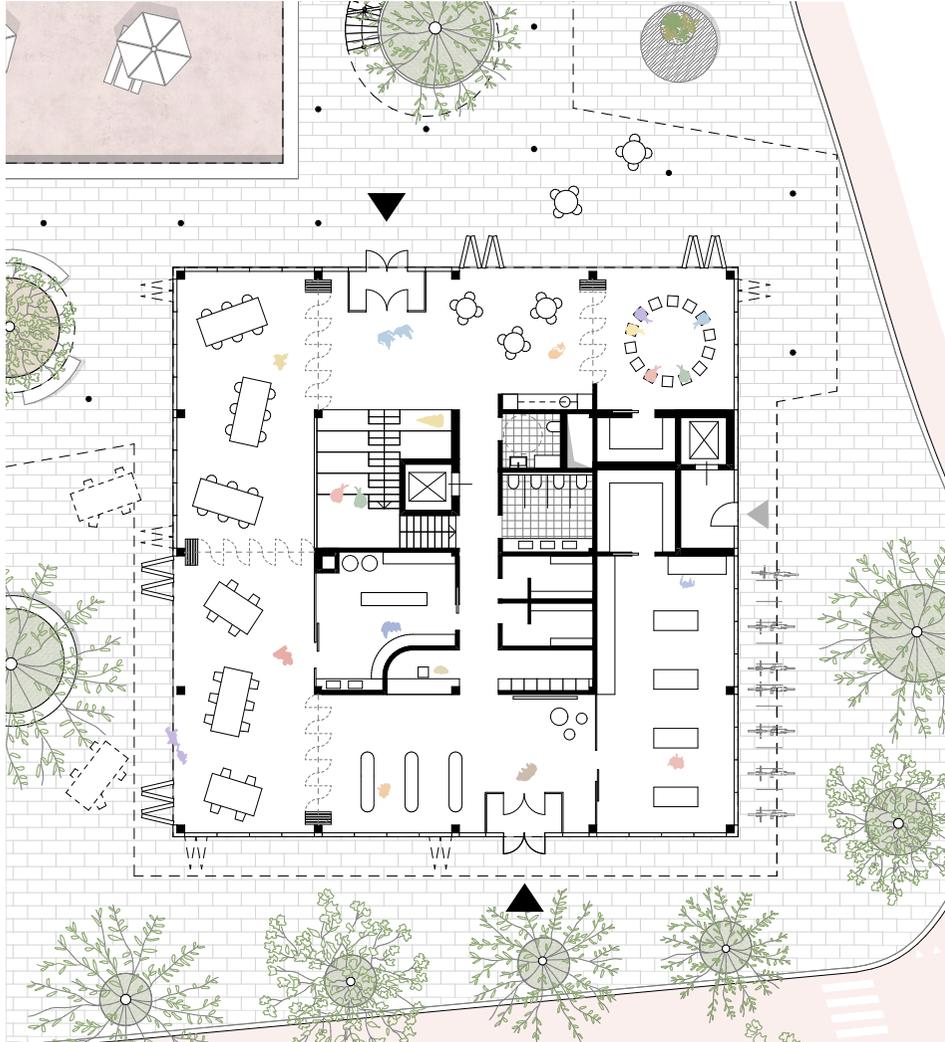
study & library



intergen. hub



creative & activity lab



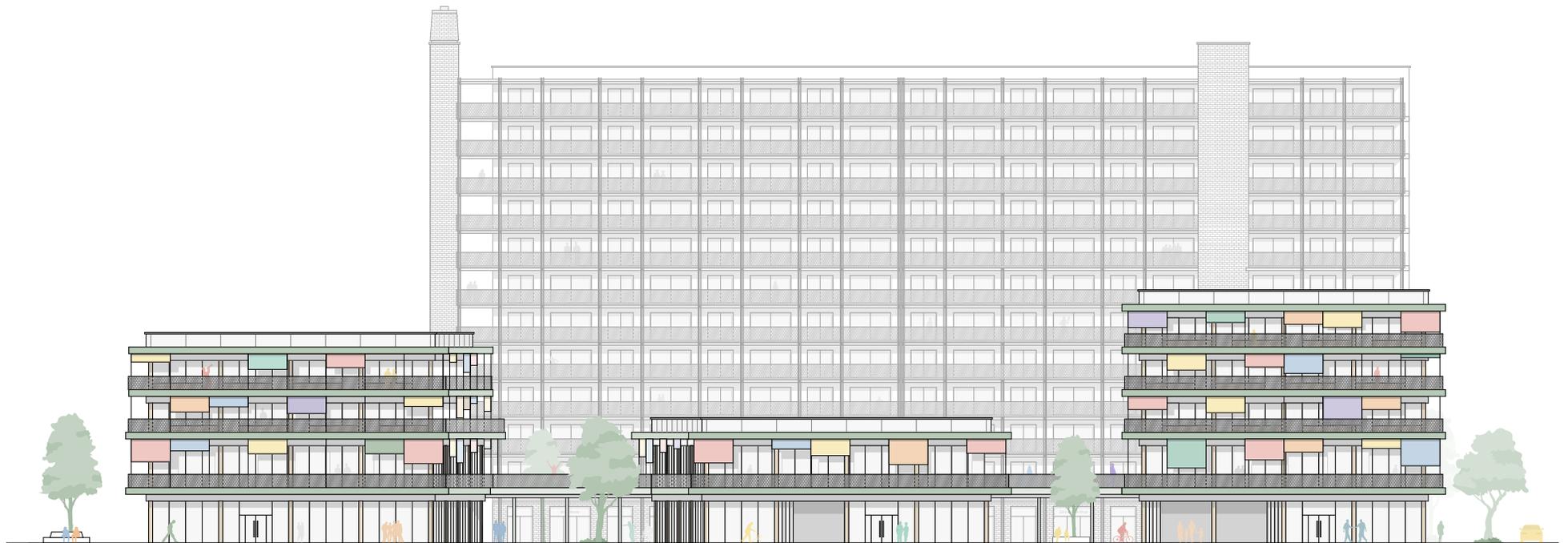
housing above public buildings



design impression



street-side facade



west facade

