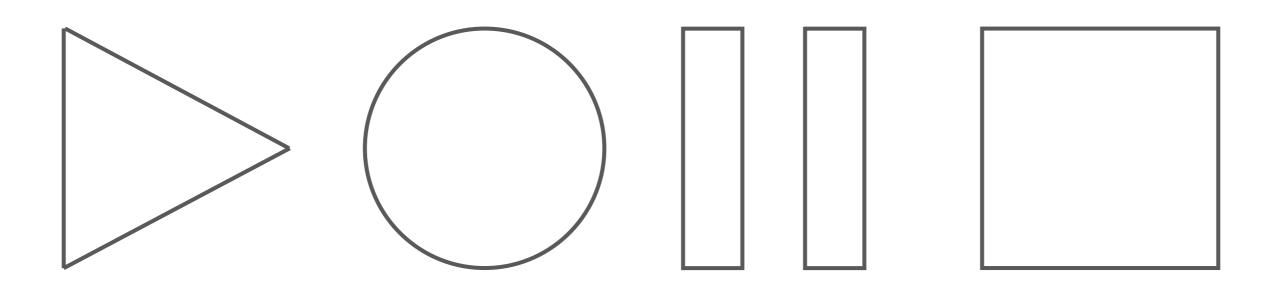
TRANSIT VILLAGE

Creating Space for Transition



Planning area.

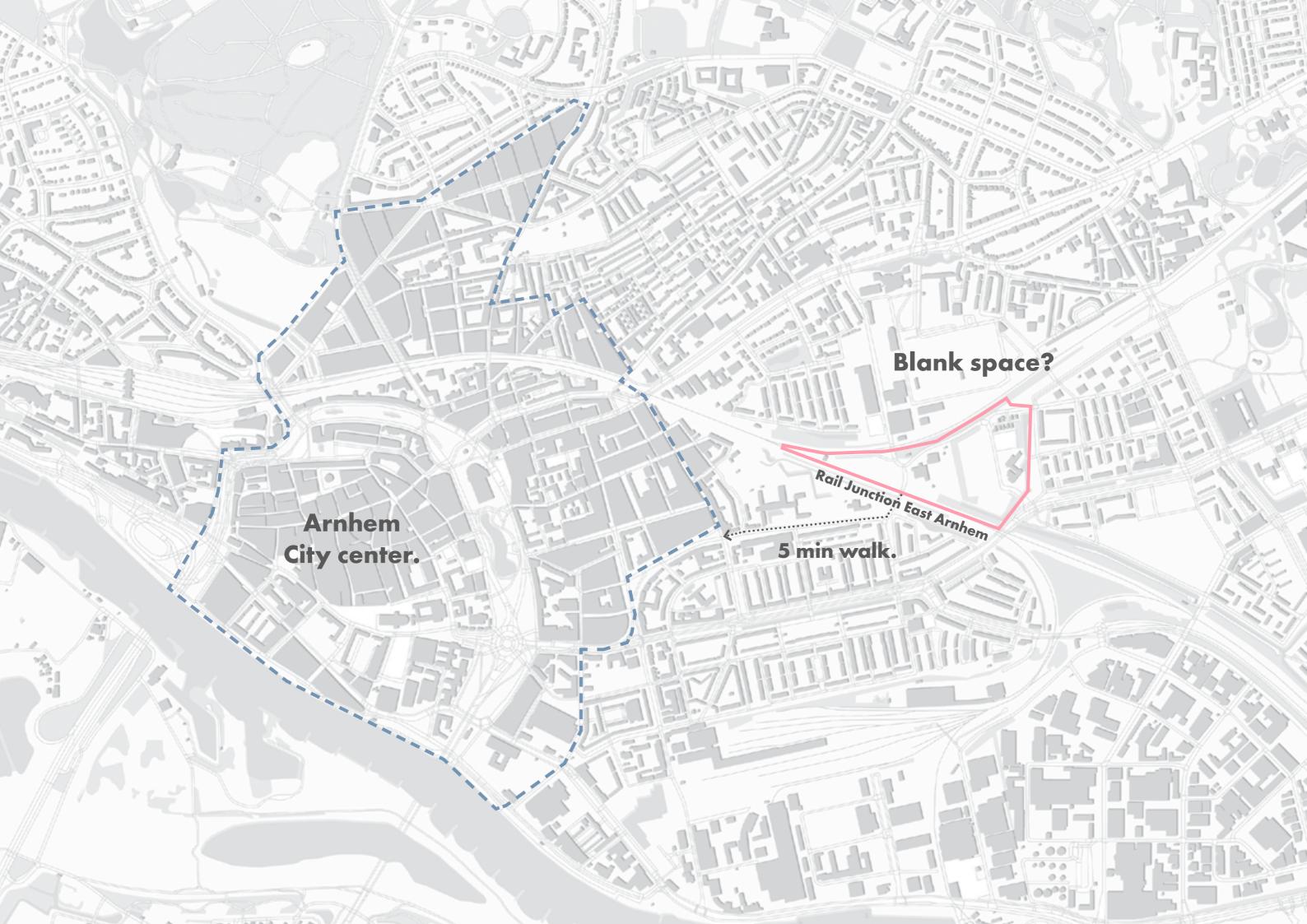
"Rail Junction East Arnhem"

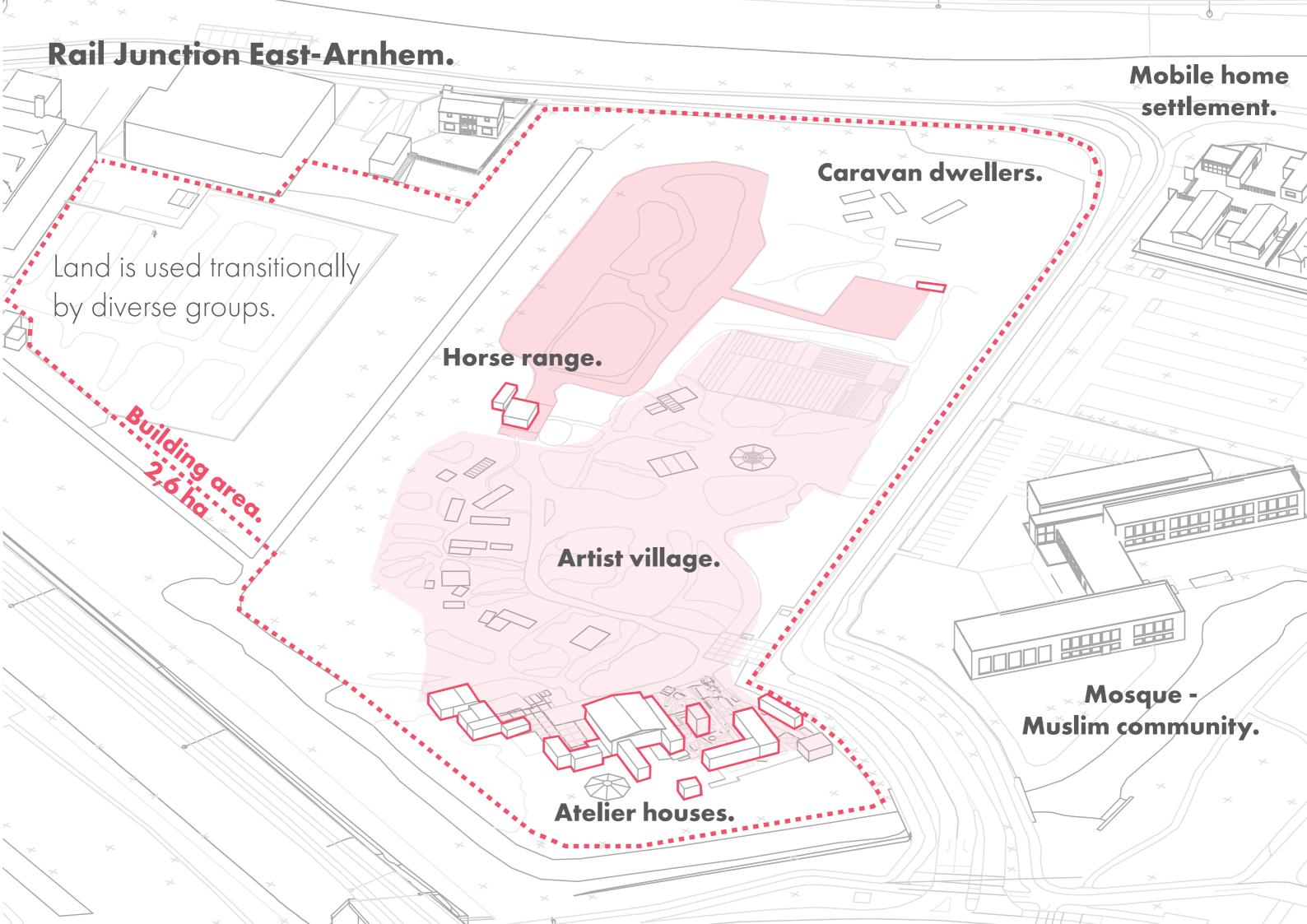
Arnhem.











Buzzing with life.

How to develop a new neighborhood together with residents and existing communities?



Methods.









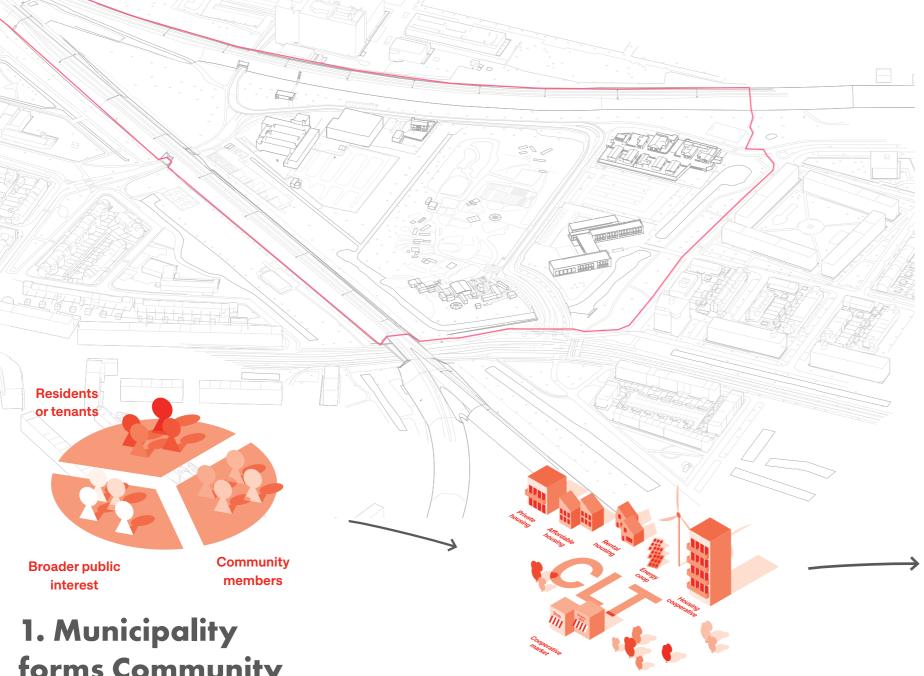
empowering residents

enabling adaptability

fostering circularity

Development strategy.

Developing land affordably + sustainably for the years to come.

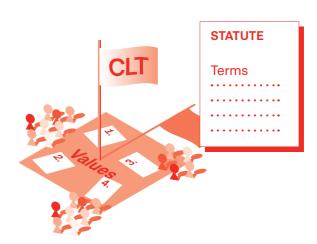


forms Community Land Trust (CLT).

Ownership divided between three parties.

2. Developing Urban Masterplan

CLT together with urbanists and architects.



3. Participative building design

Building communities and architects.

^{*}CLTs = community-led development on community-owned land. Non-profit organization.

Urban Framework

Shared goals.



(Connected

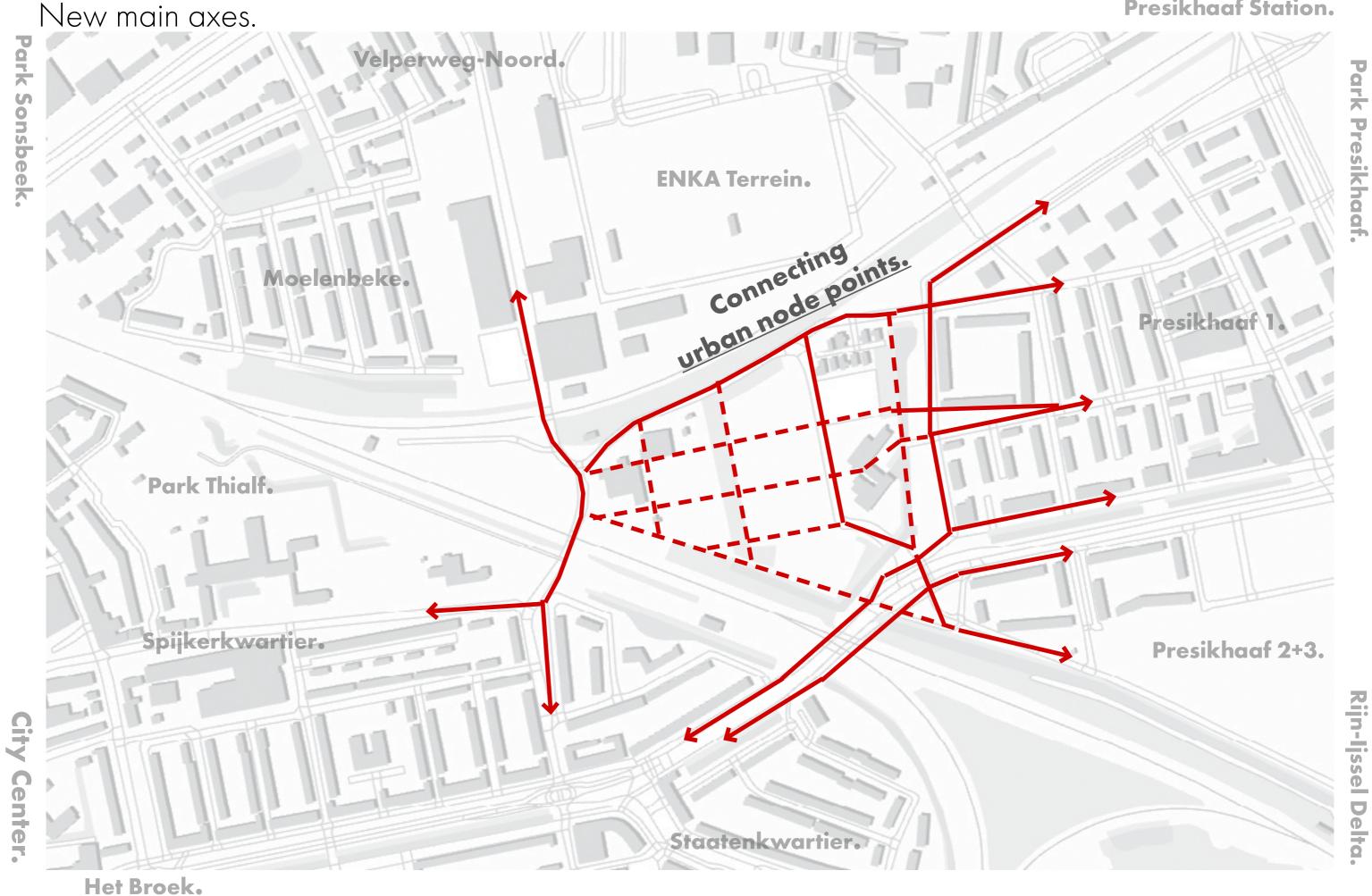


Discussions with residents, community members, public interest groups.

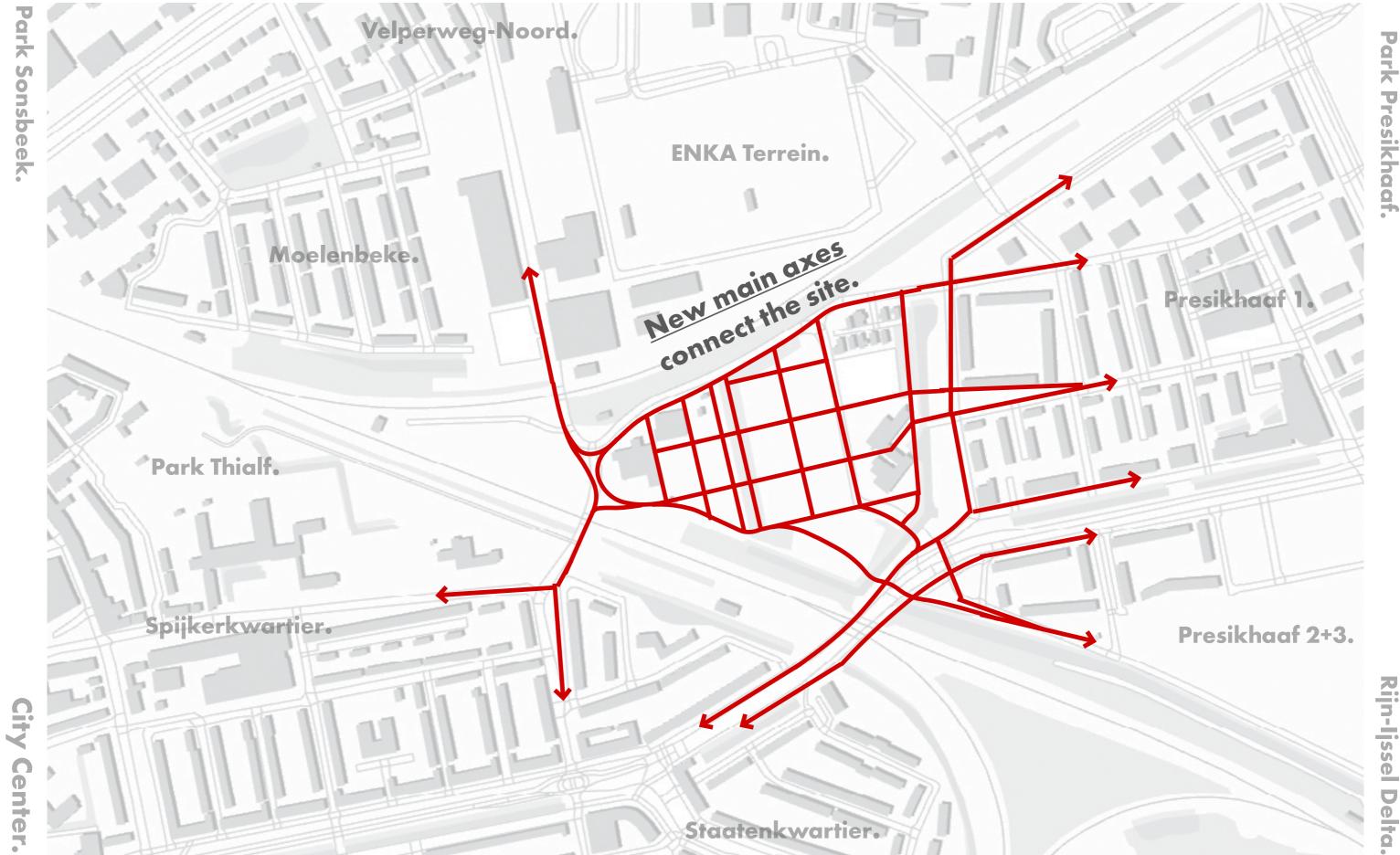


Local





Presikhaaf Station. New main axes.

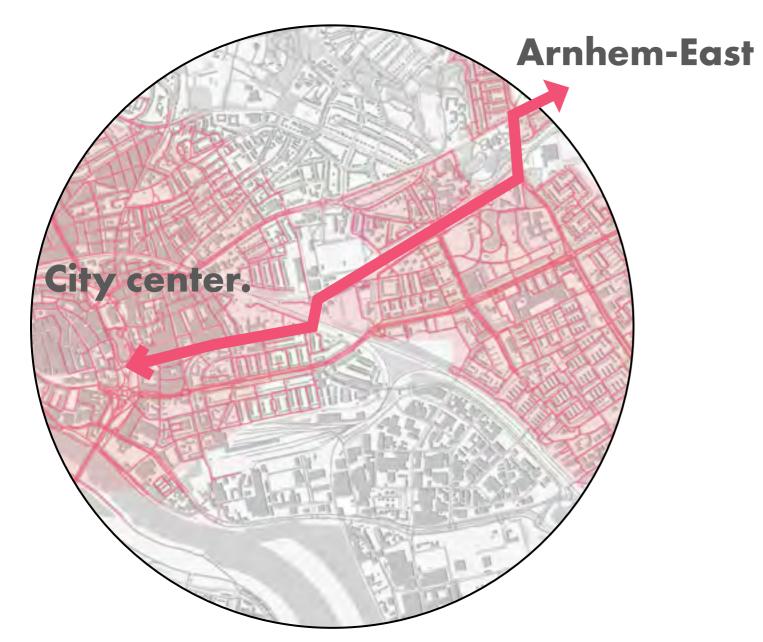


Het Broek.

Rijn-lissel Delta

Connected

Bicycle Highway.





Before.



After.

Connected

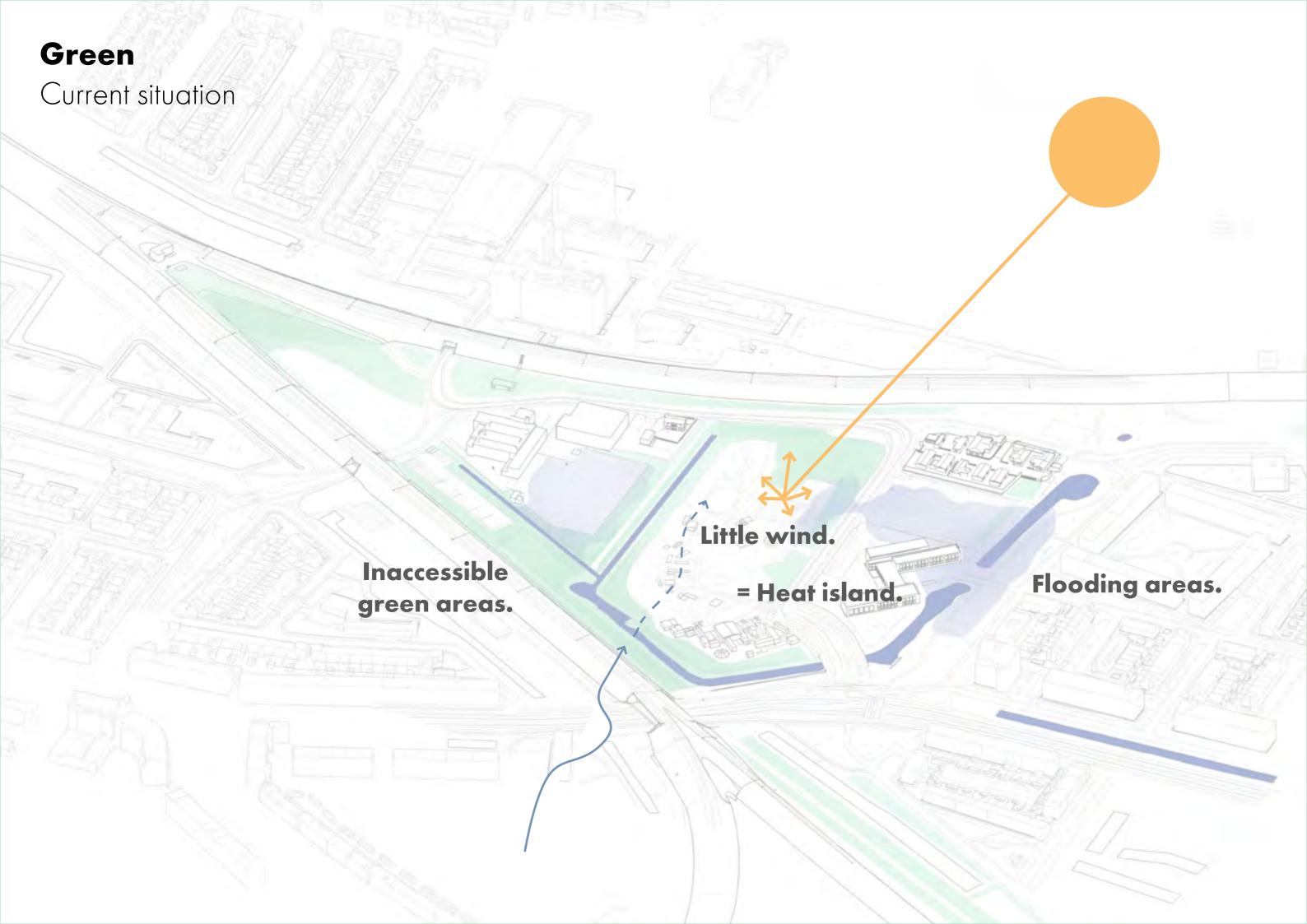
Mobility Hub.

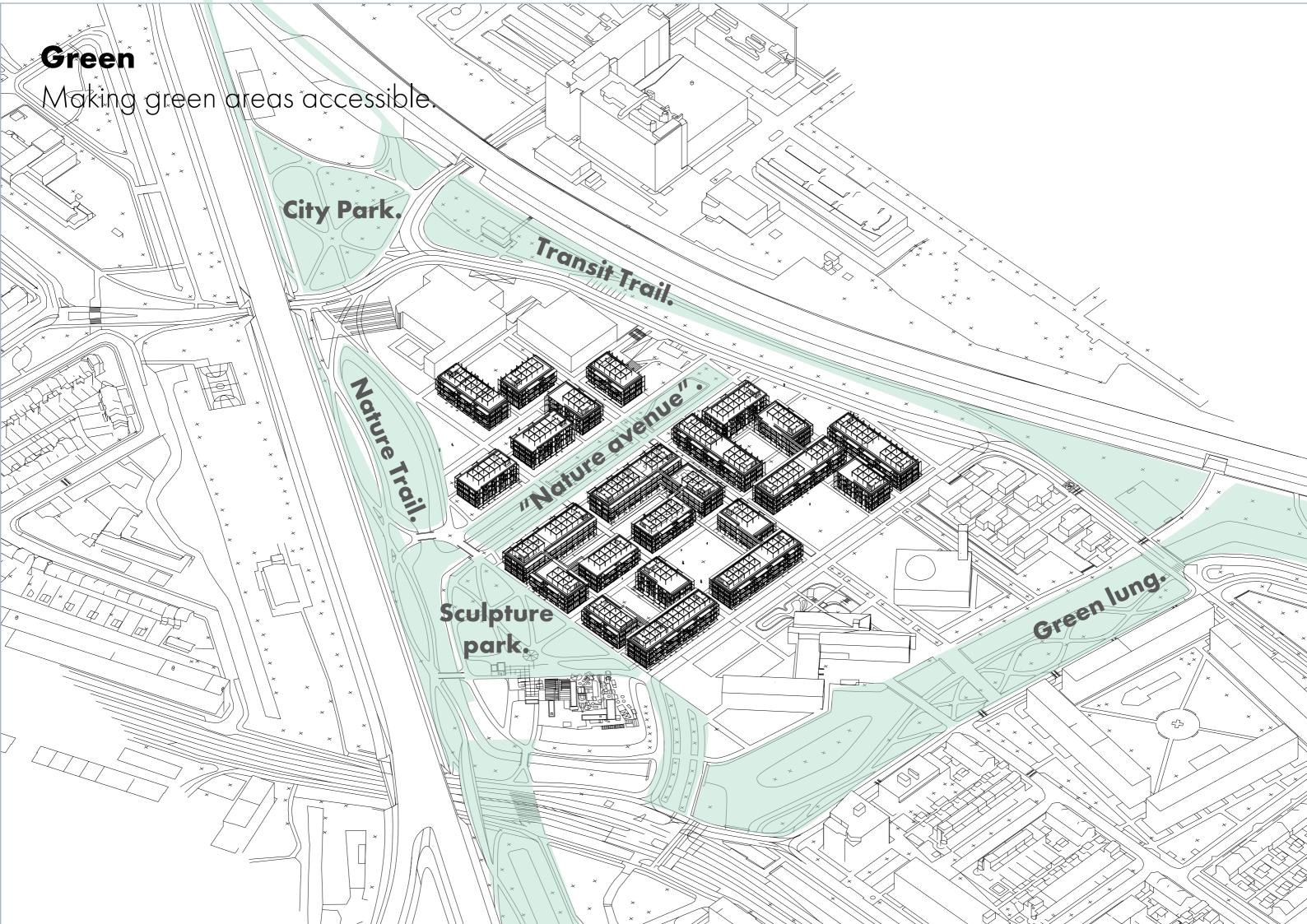


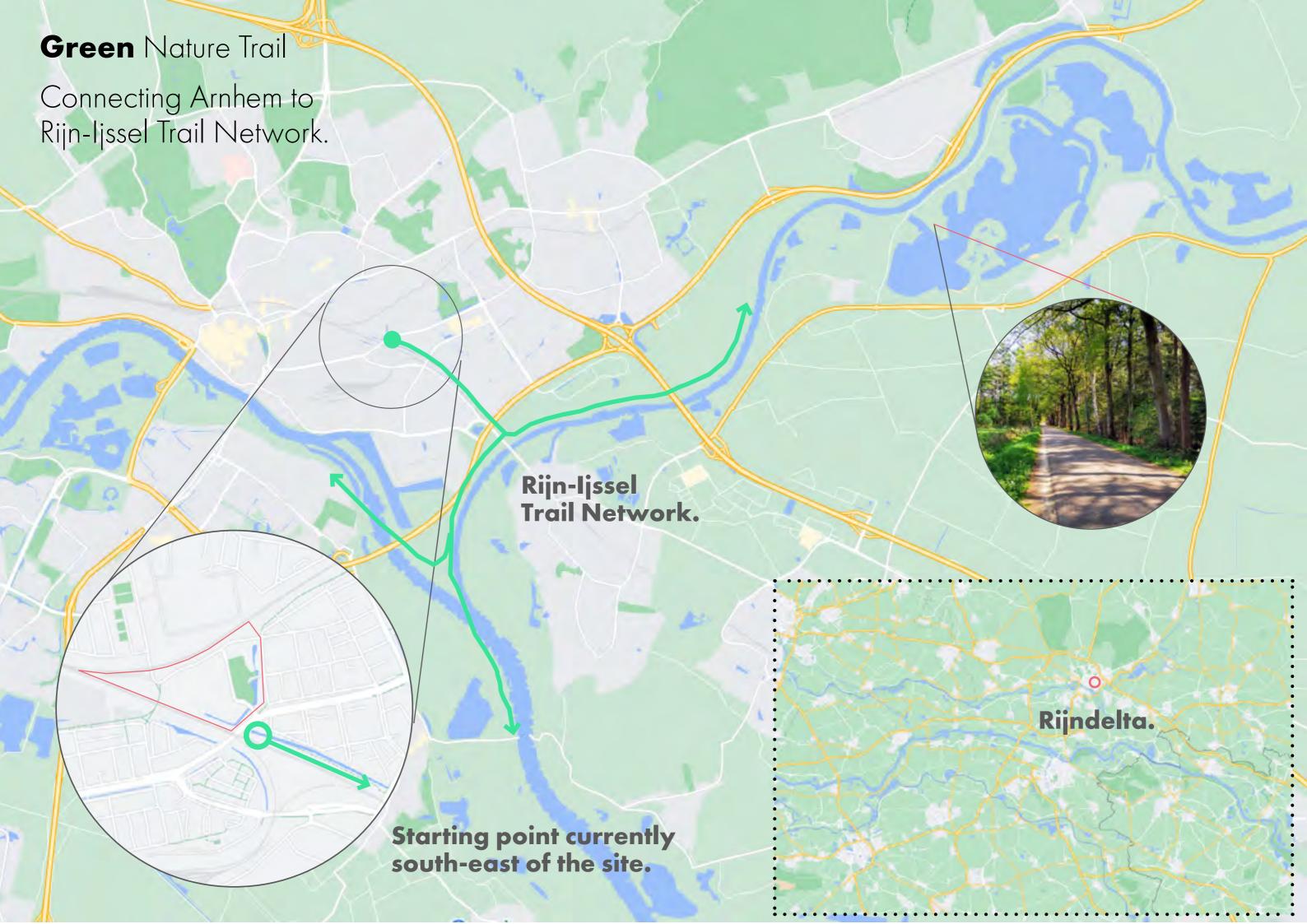


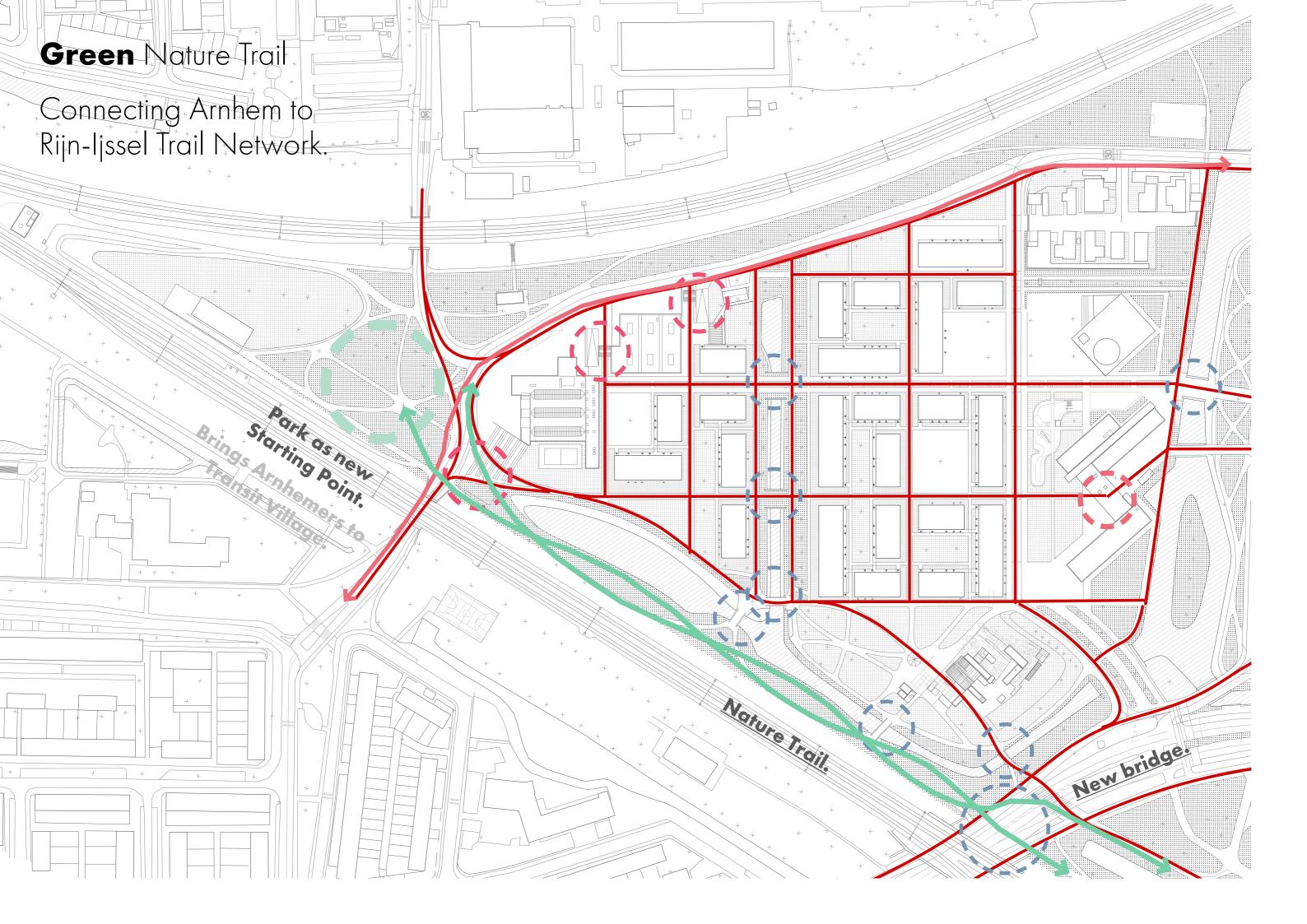








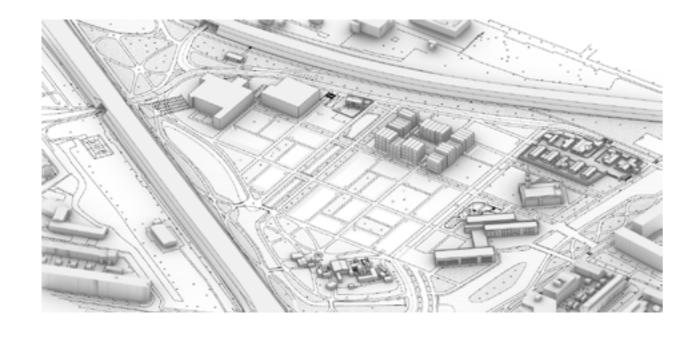


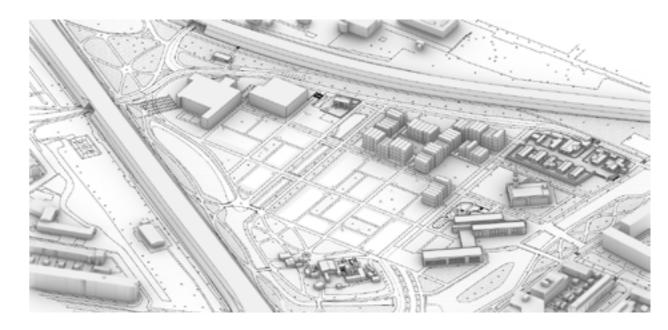




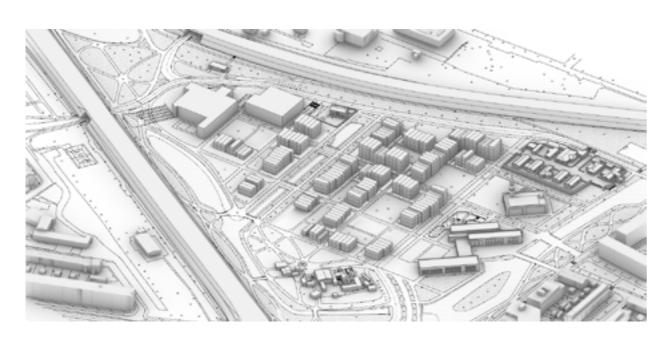
Gradual development

Transit Village is gradually growing to its maximum capacity.





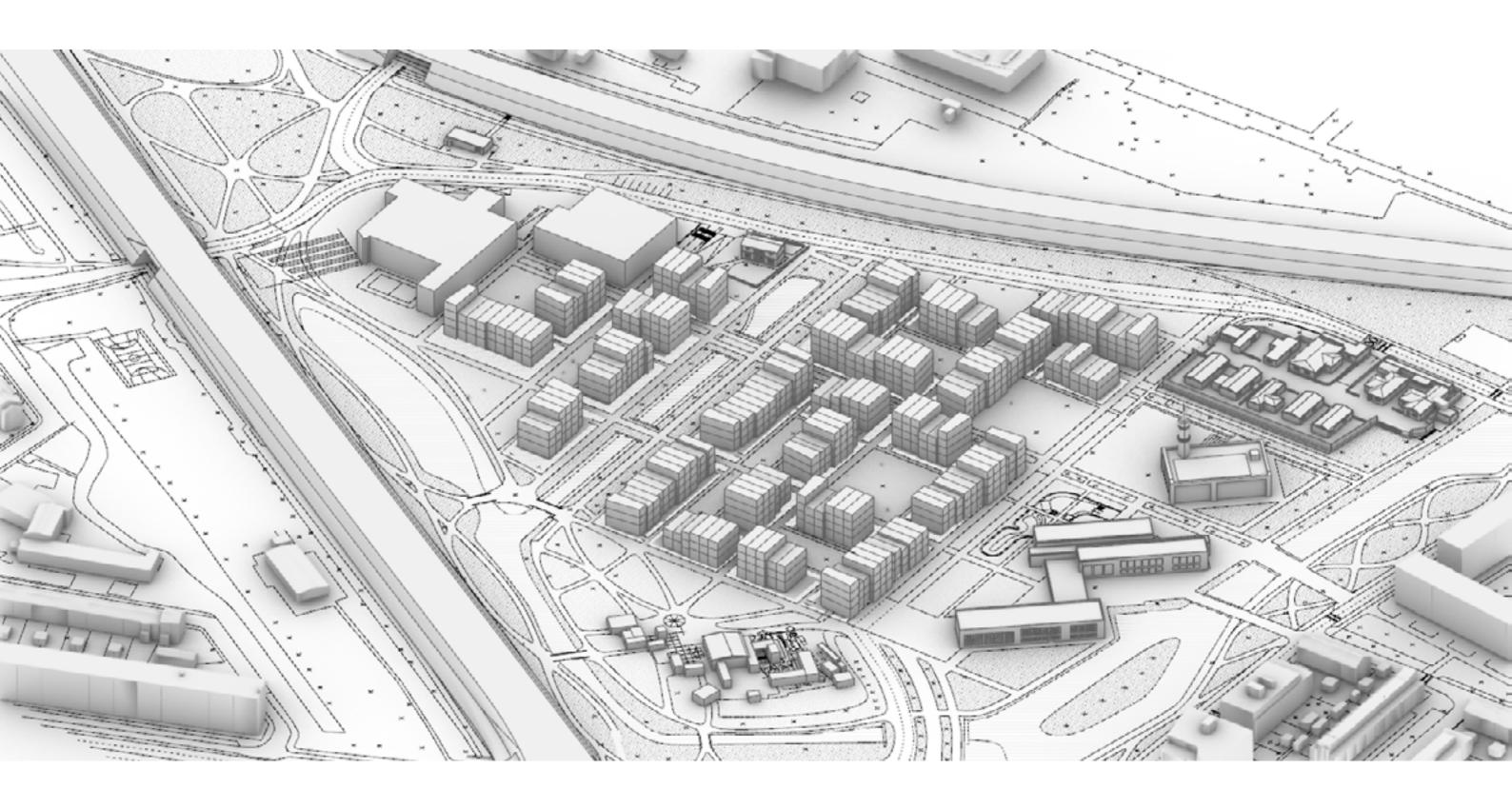
2

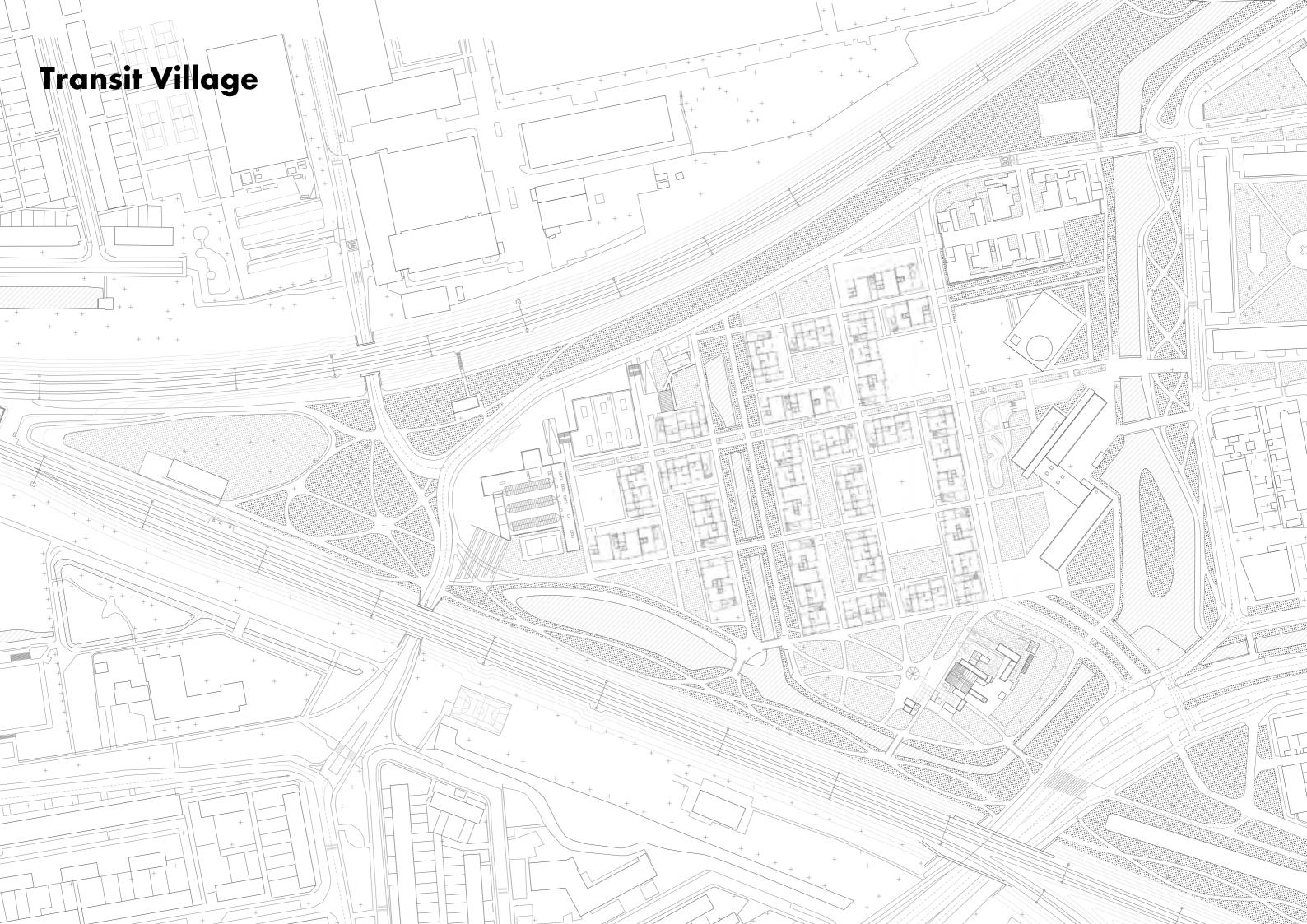


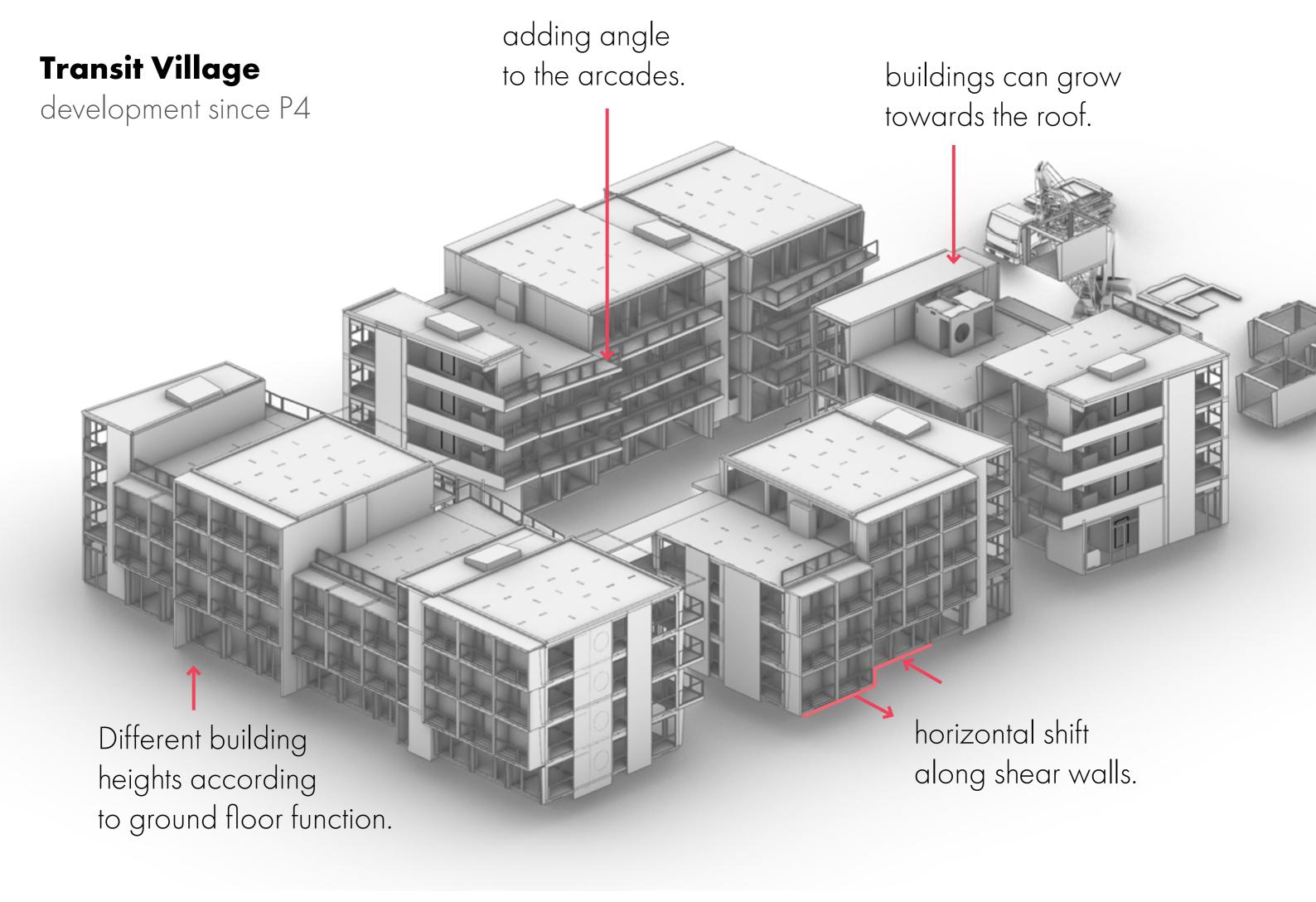


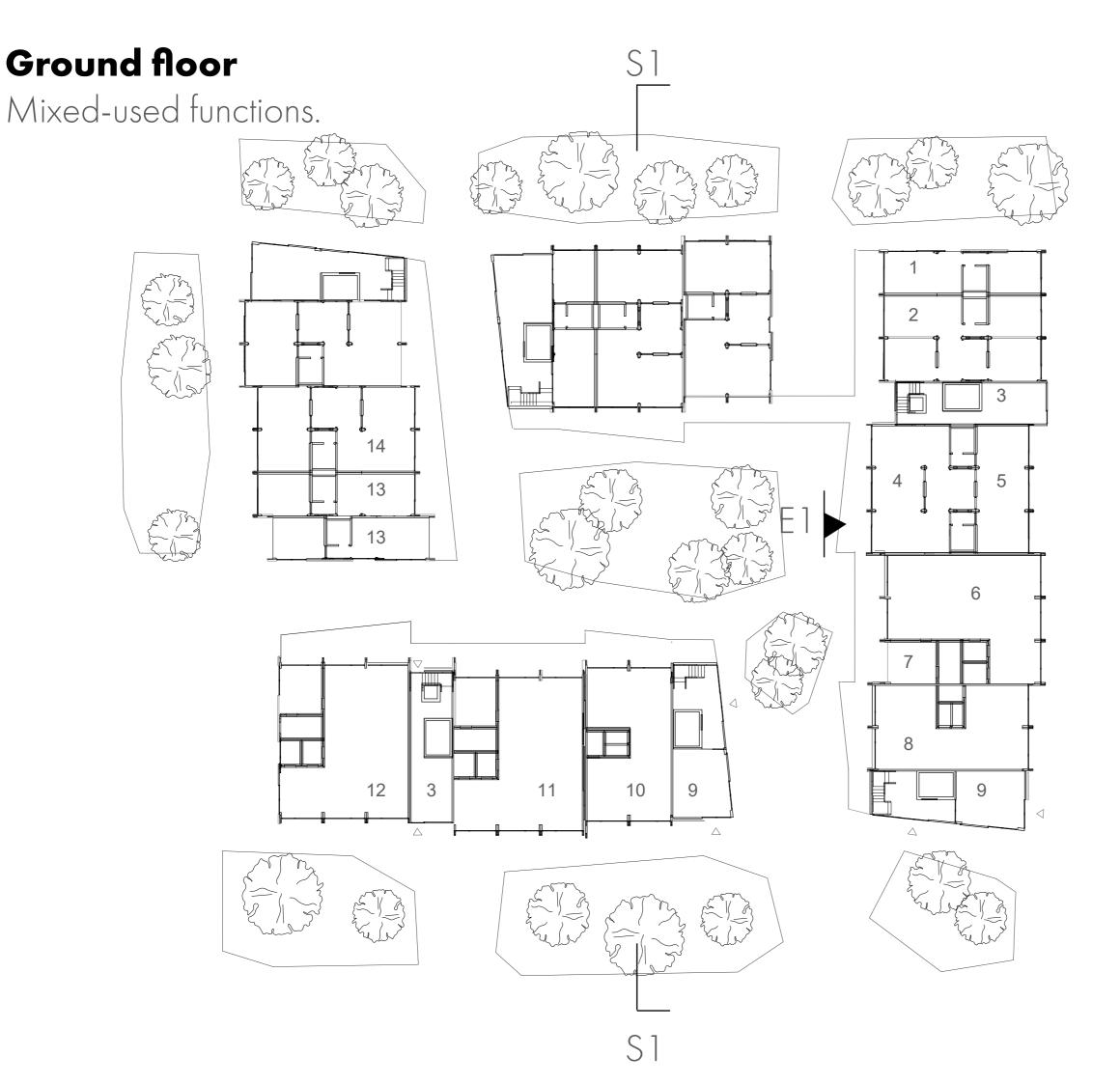
3

Transit Village



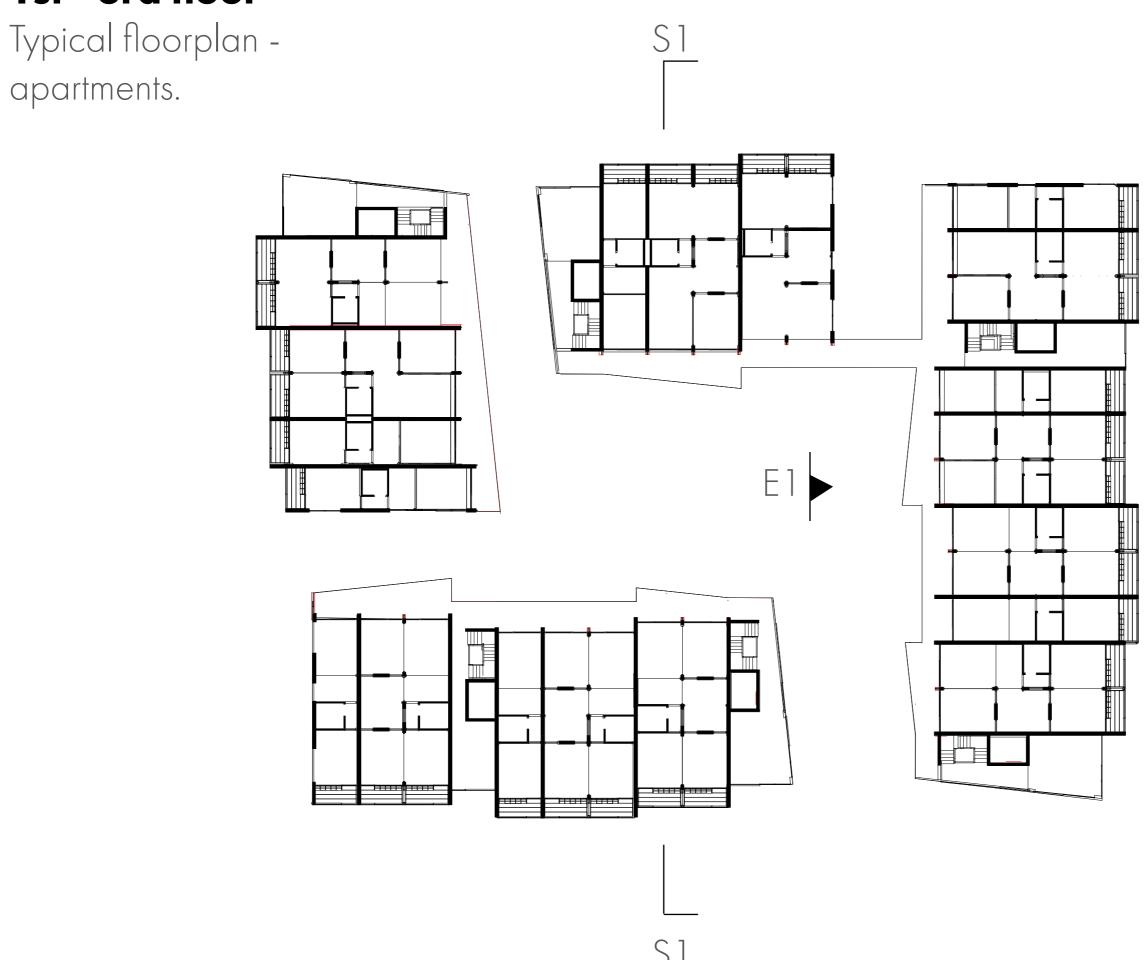




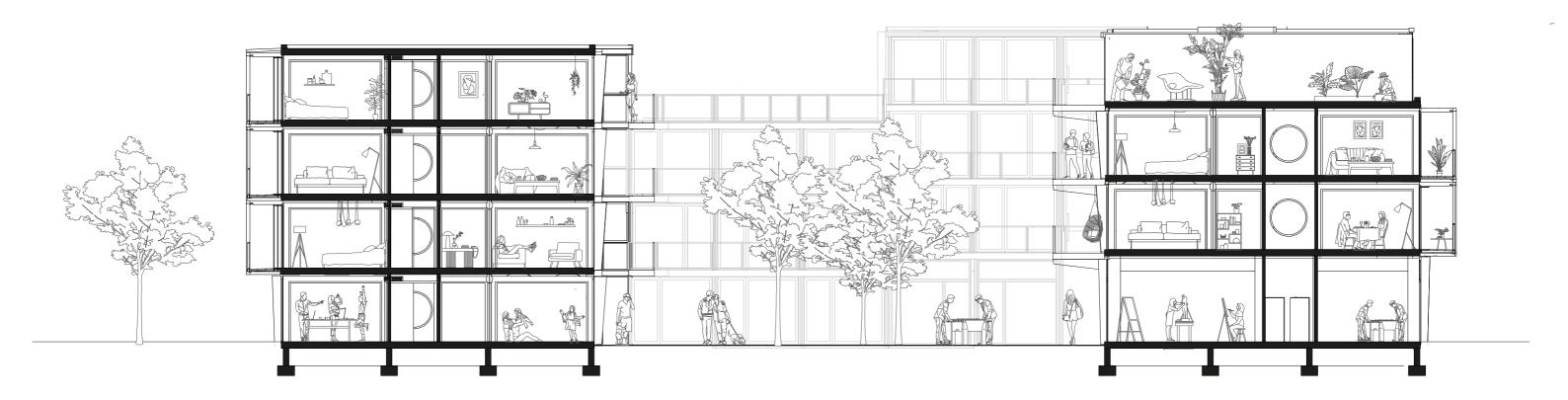


- 1 Single apartment
- 2 Two person co-living
- 3 waste room
- 4 workshop space
- 5 bicycle storage
- 6 cafe
- 7 bakery + storage
- 8 Bar
- 9 Waste room
- 10 drugstore
- 11 local food restaurant
- 12 household shop
- 13 single apartment
- 14 3 person family

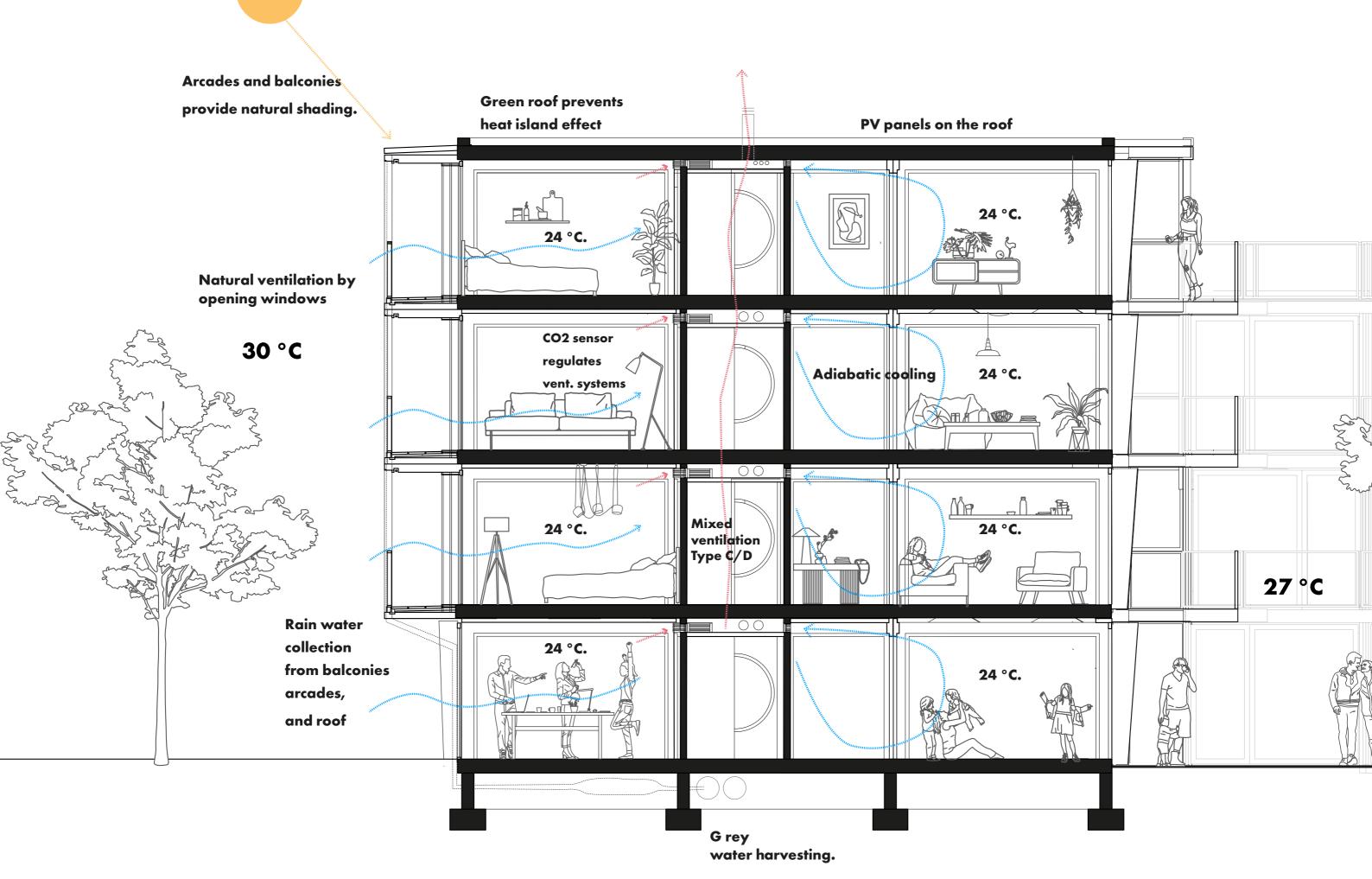
1st - 3rd floor



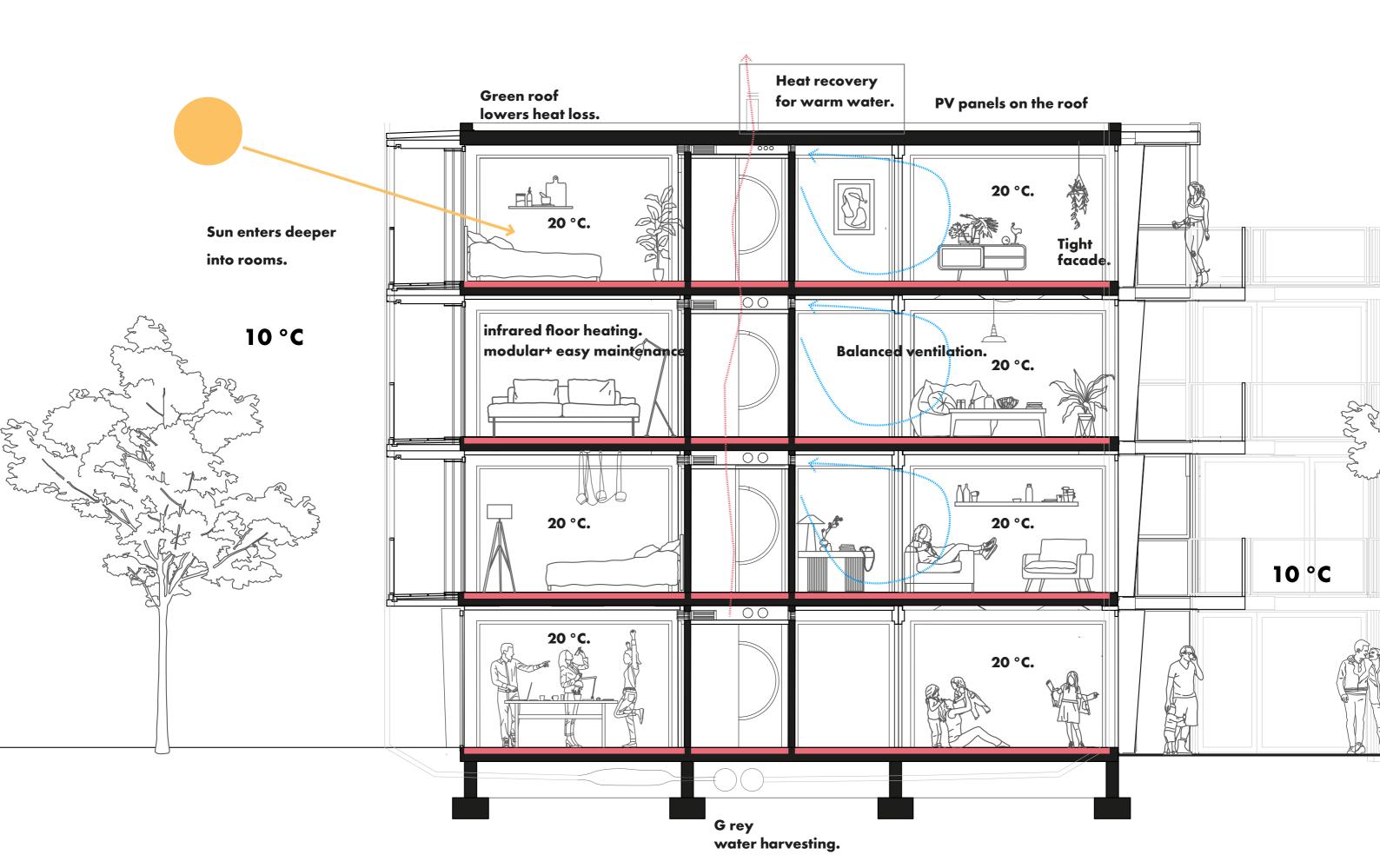
Section



Climate Summer.



Climate Winter.



Elevation



Circular building system

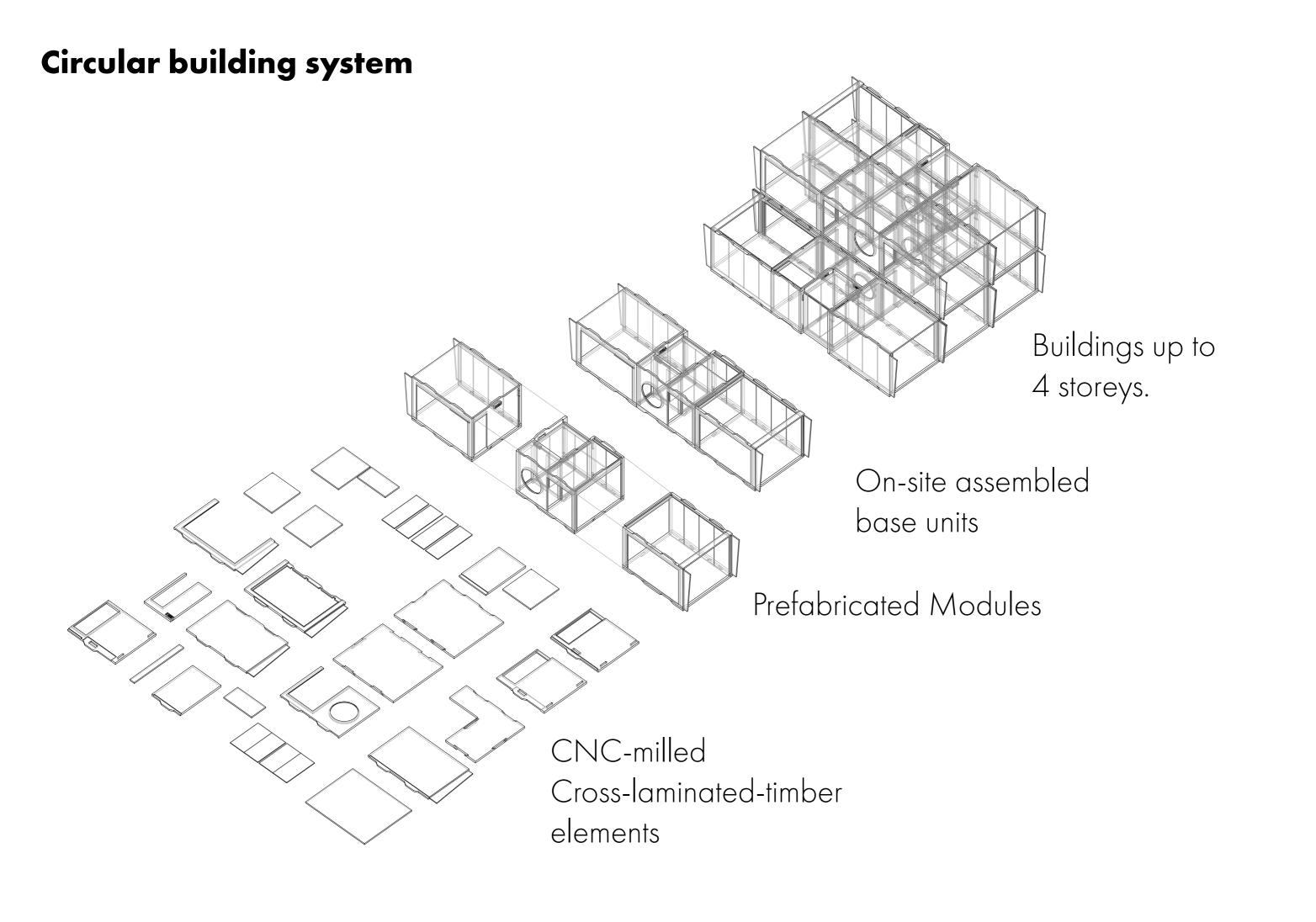
Fast.

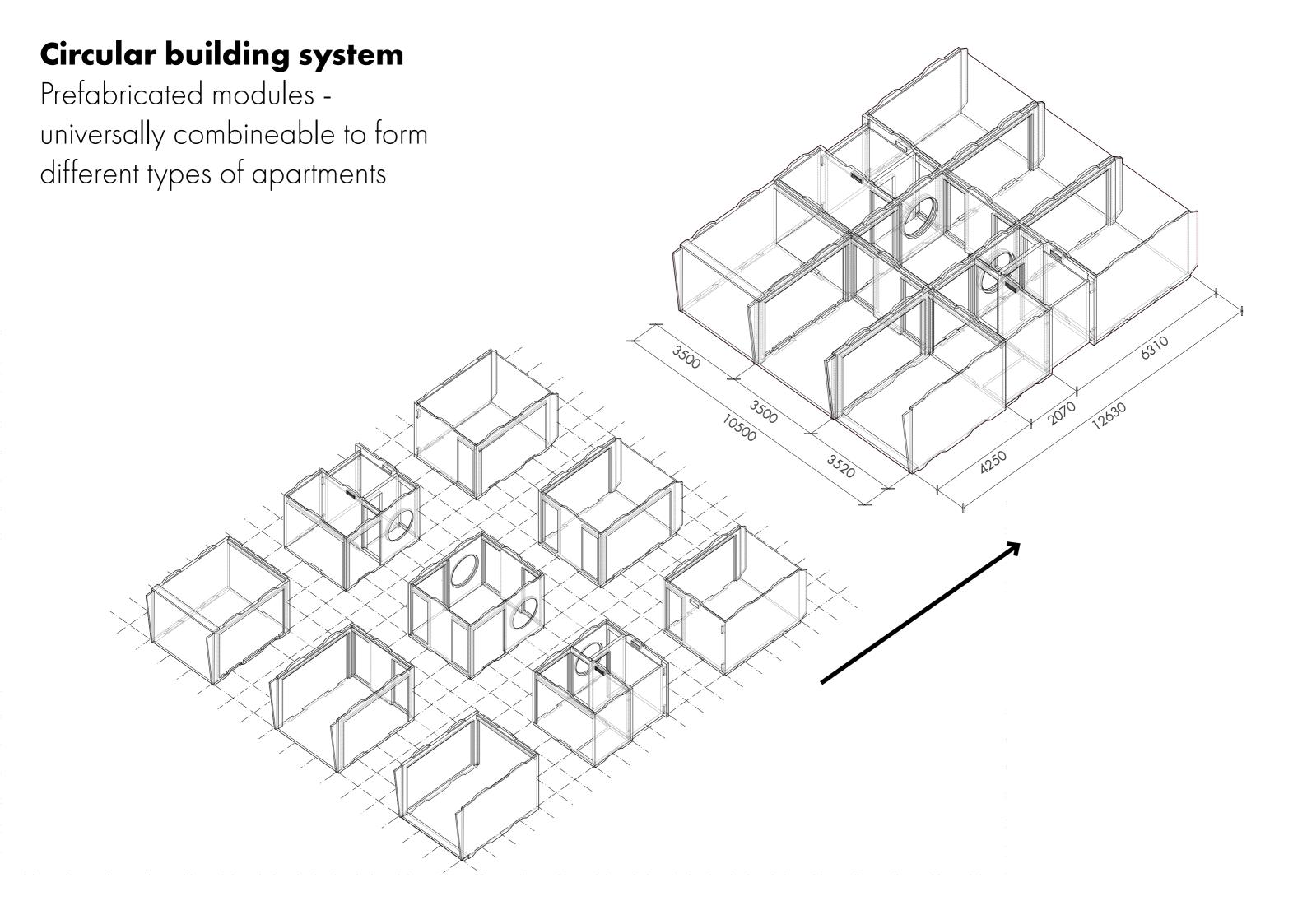
Scalable.

Flexible.

Customizable.

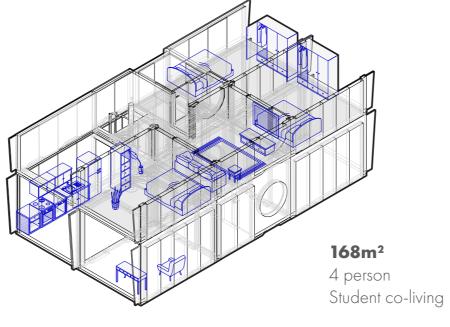


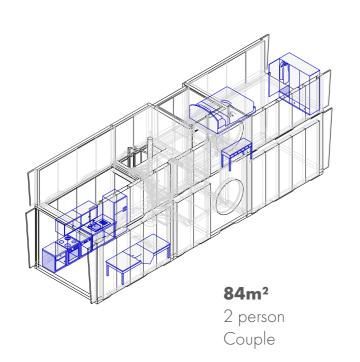


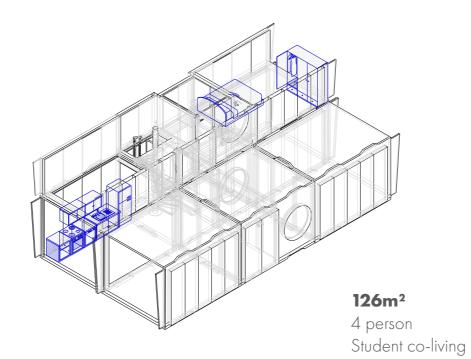


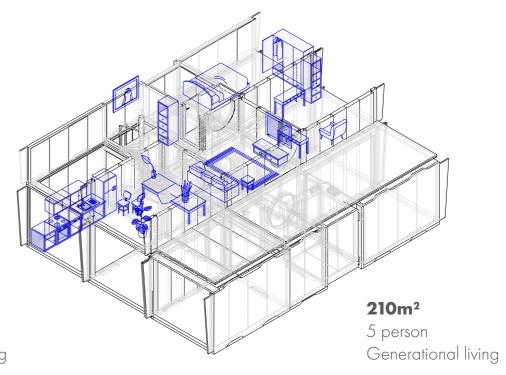
Flexible

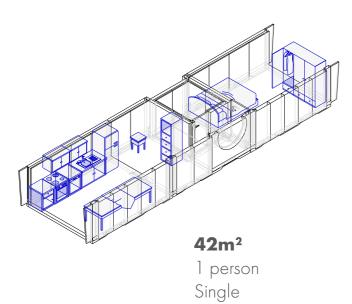
Apartment types.

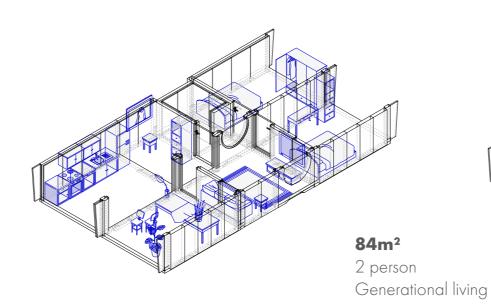


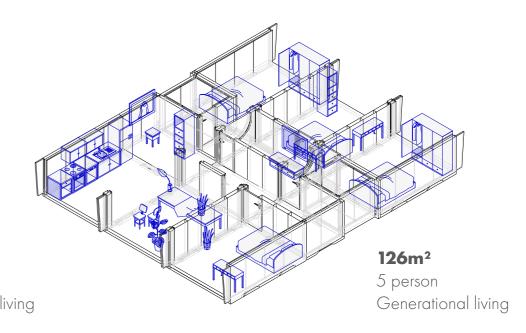








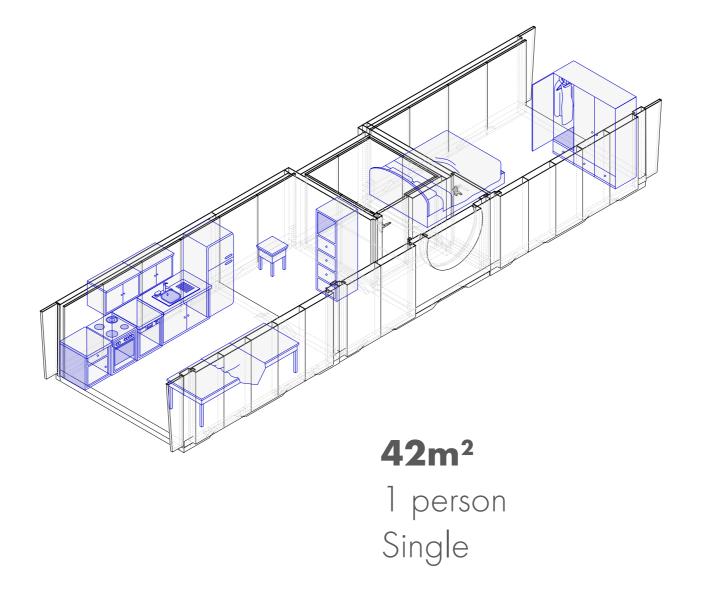


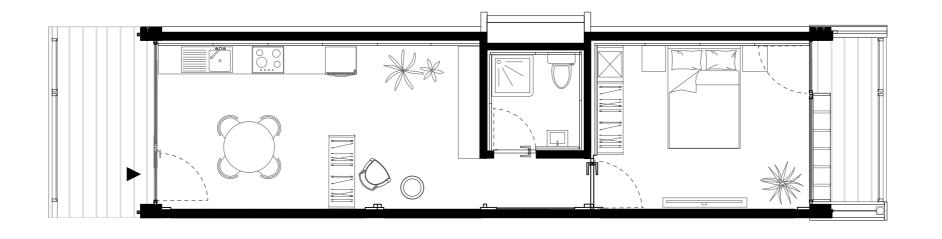


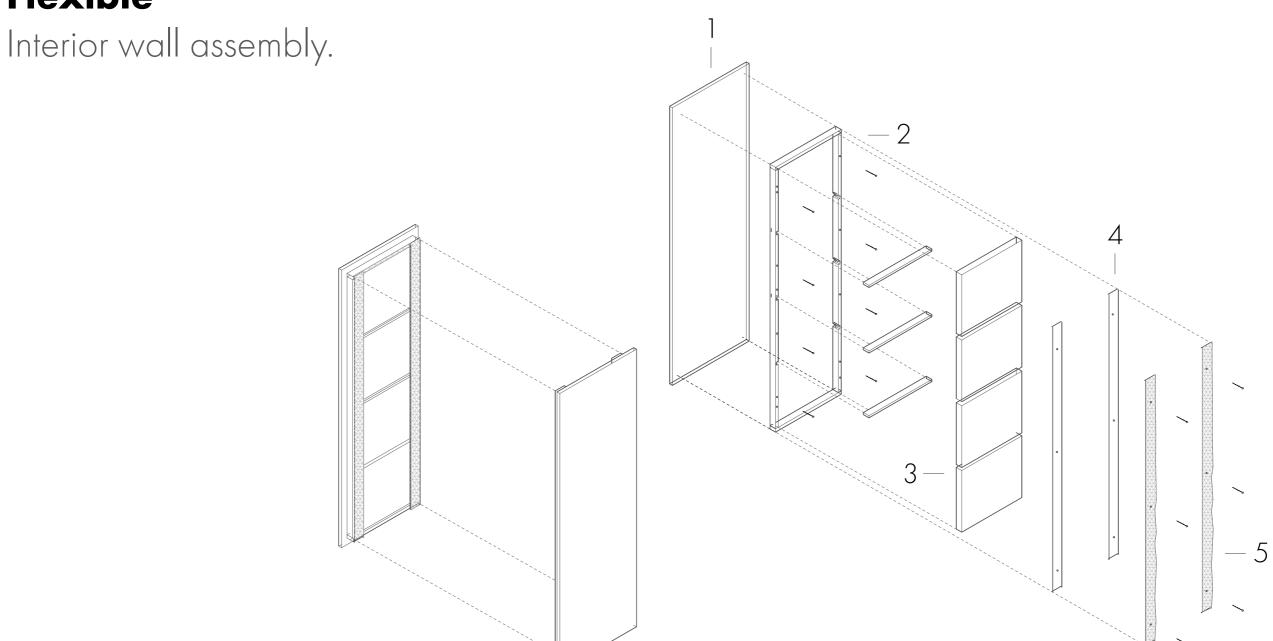
Flexible Apartment sizes. 42m² 84m² 2:38 126m² 210m² 210m² 4.18 210m² 252112 0.19 5.88 294m² A-8 P

Flexible

Single unit apartment.

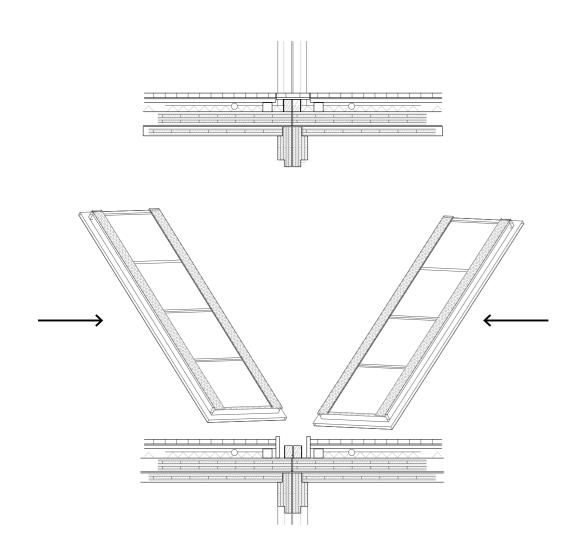


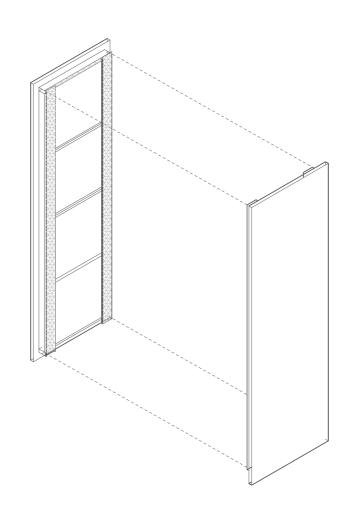


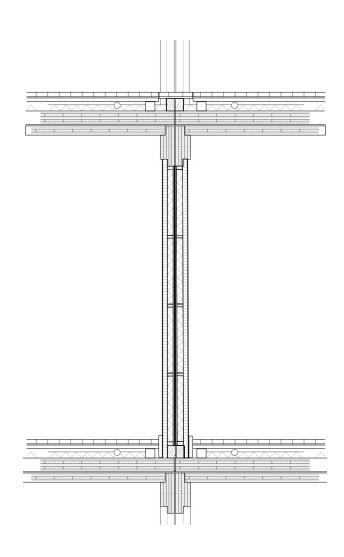


- 1 painted osb panel 2600x942.5x30mm 2 screw-mounted frame, 50x30mm primary battens, 50x20mm secondary battens 3 wood-wool insulation boards 650x590x50mm
- 4 fixture boards 10mm
- 5 velcro strips for extra stability + remountability

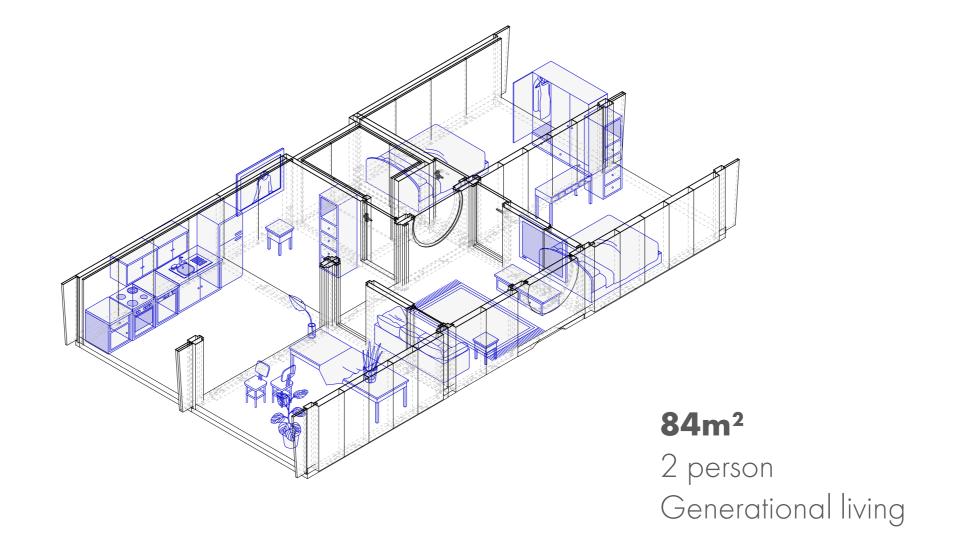
Interior wall assembly.
Allows residents to flexibly re-arrange spaces.

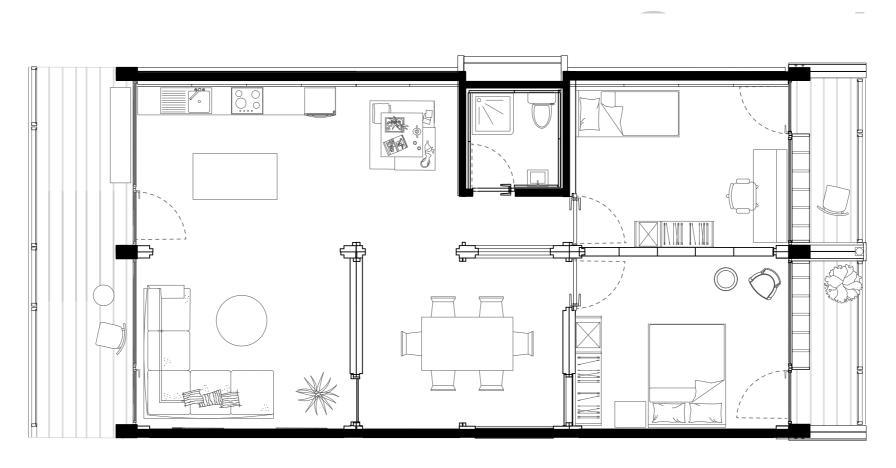




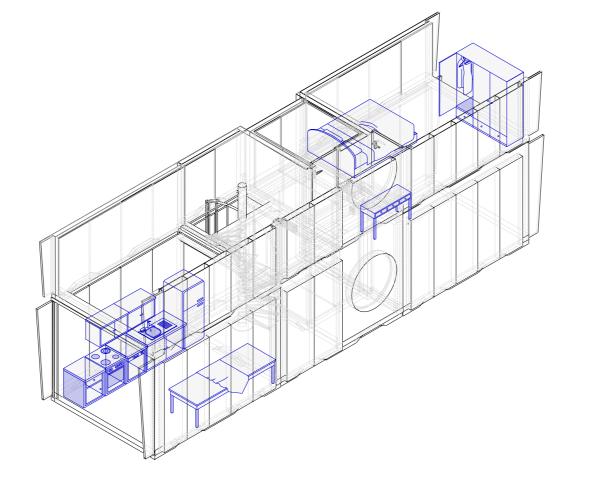


Two-unit apartment.



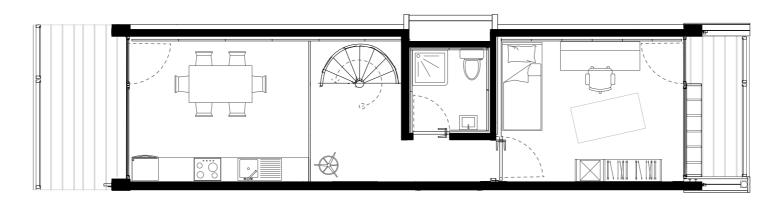


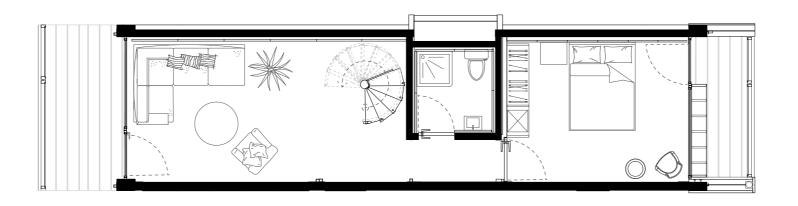
Duplex two-unit apartment.



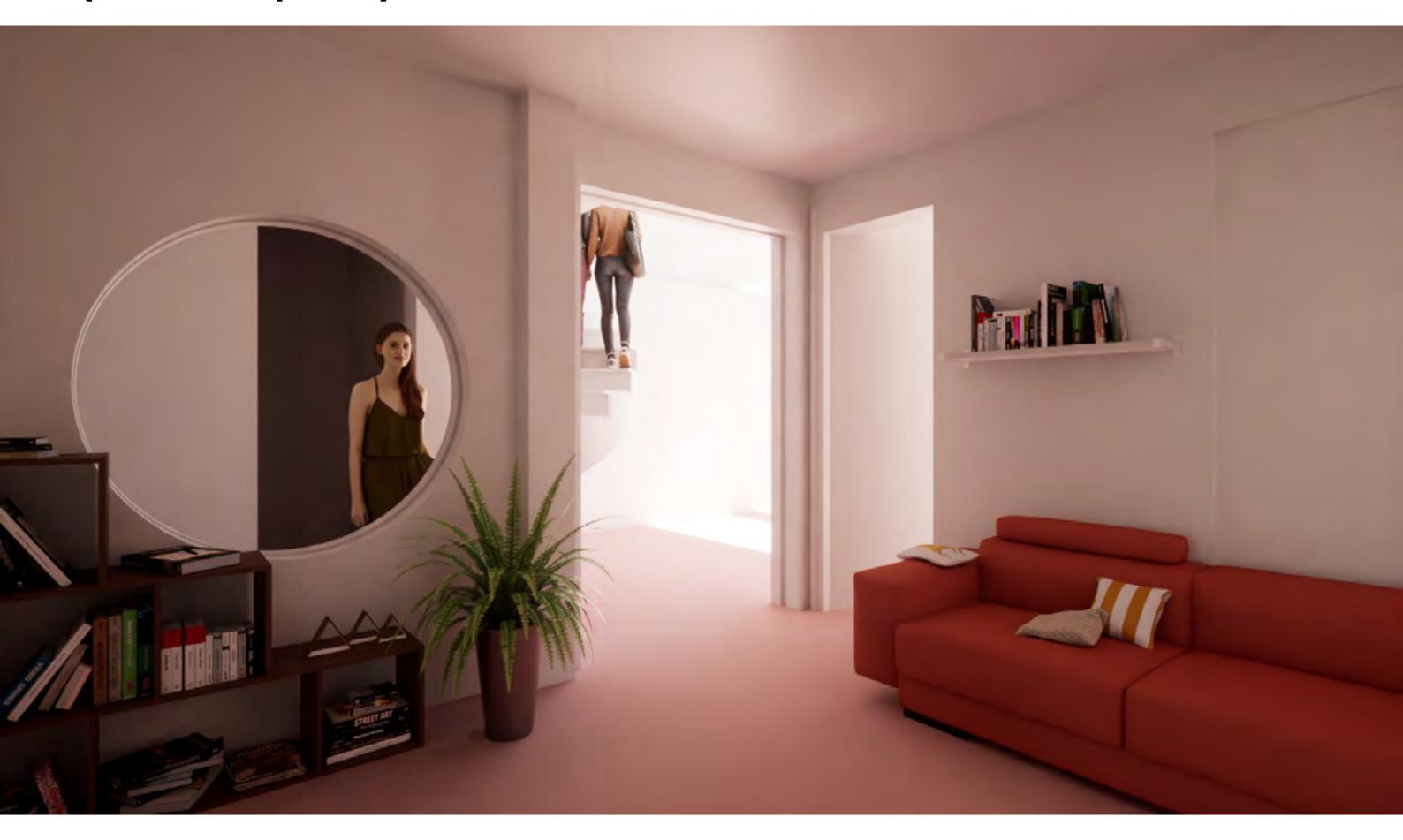
84m²

2 person Couple/ Family





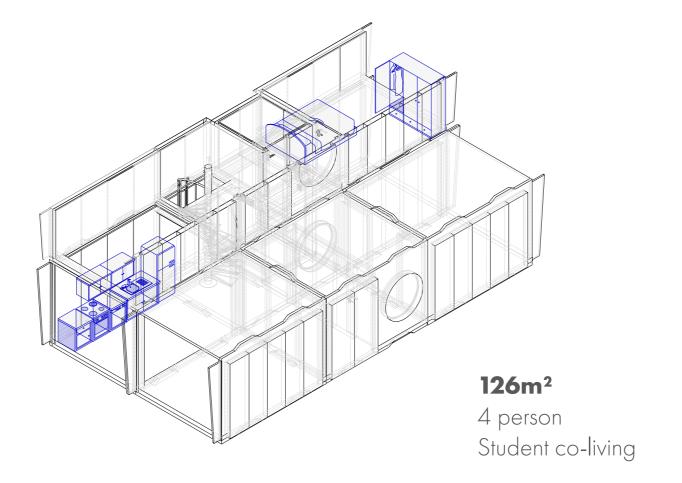
Impression duplex apartment

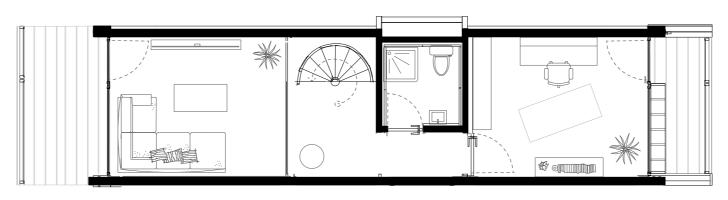


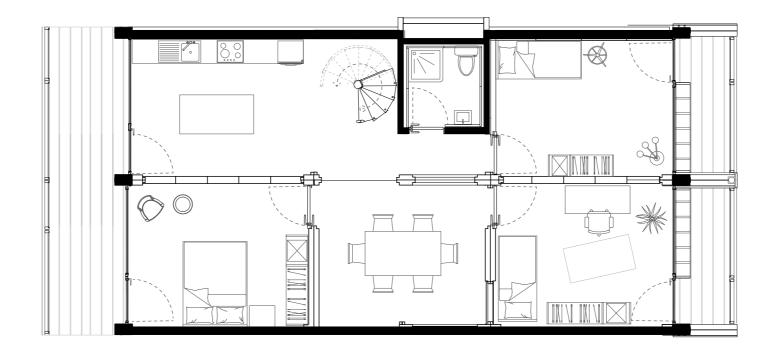
Impression duplex apartment



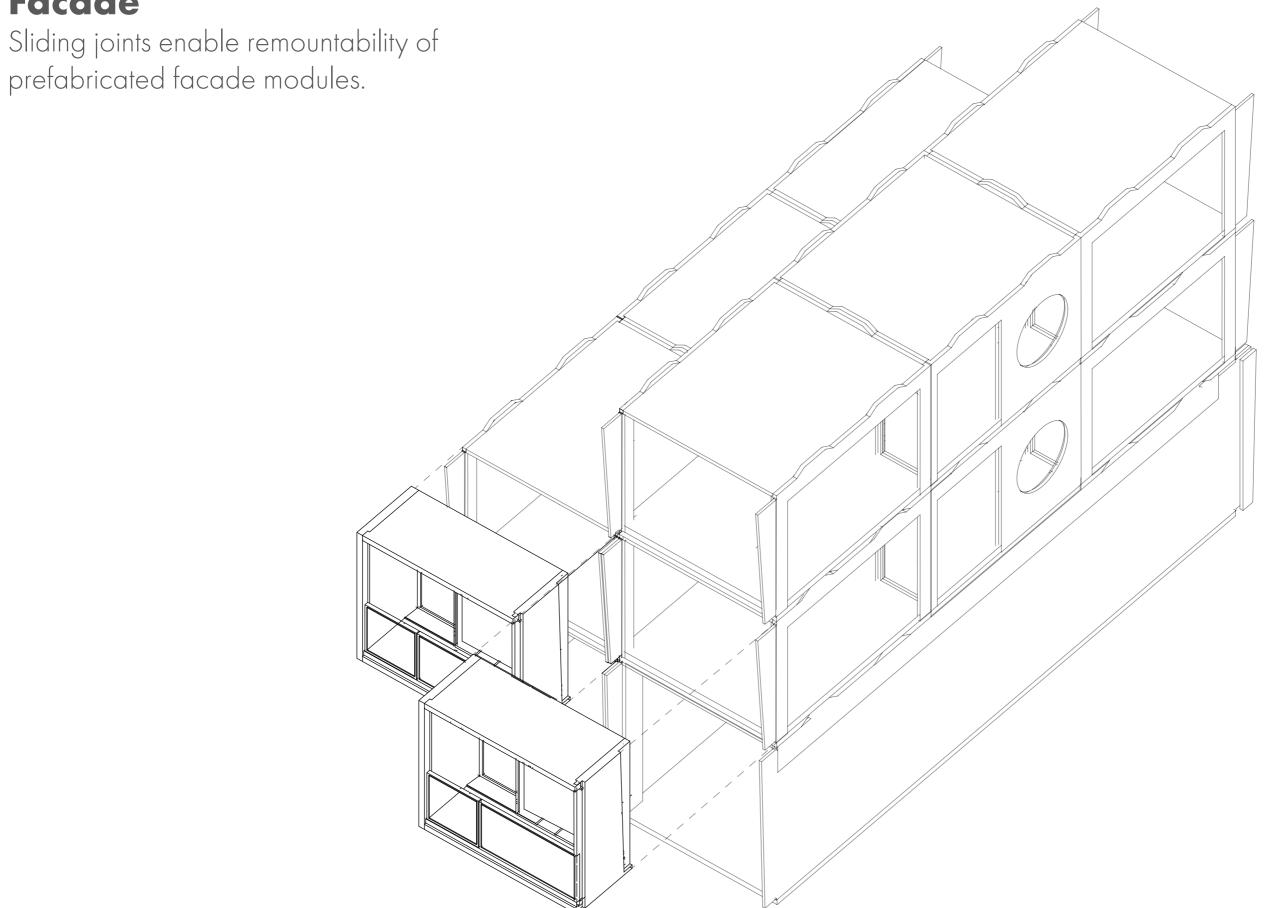
Duplex three-unit apartment.



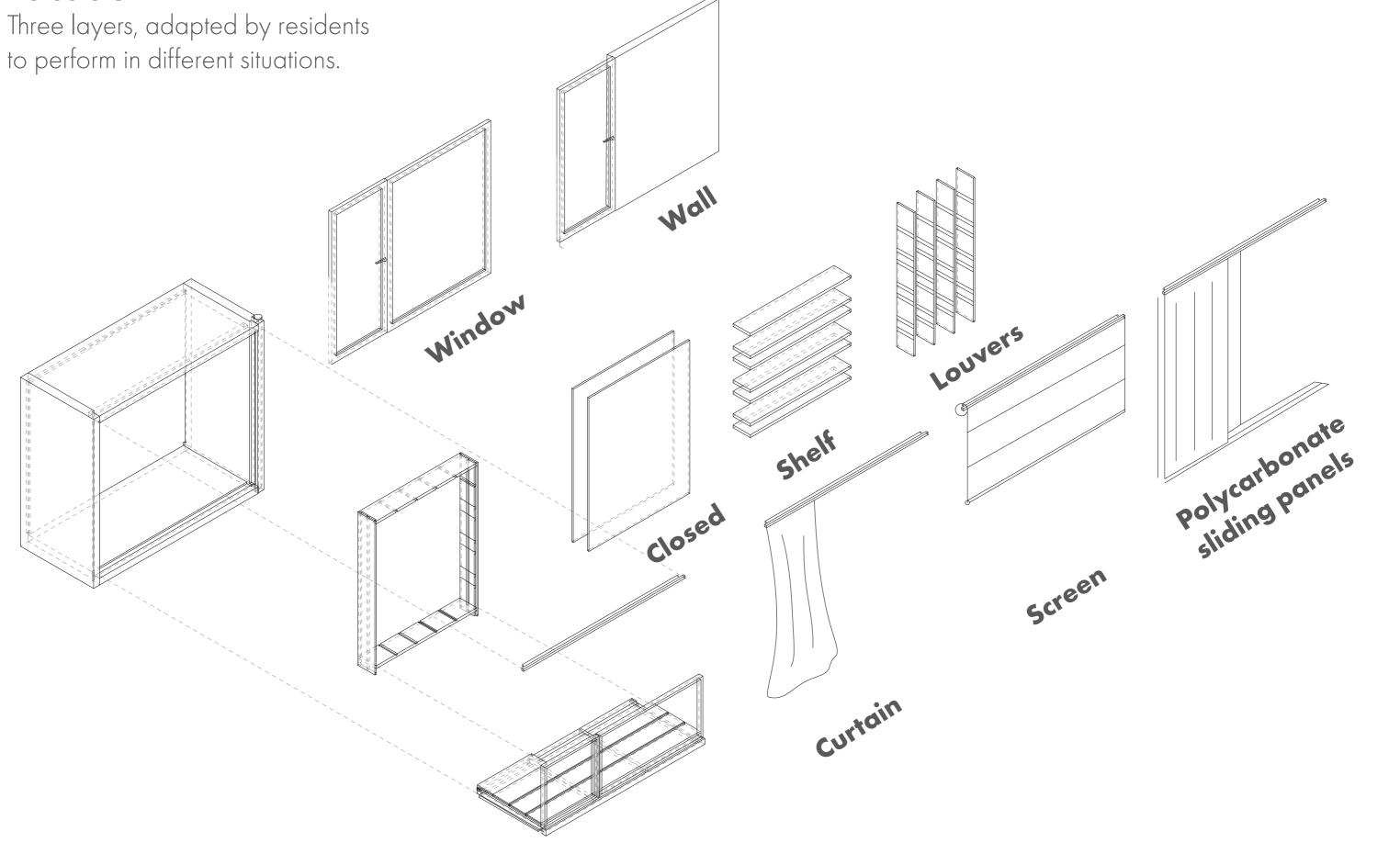




Facade



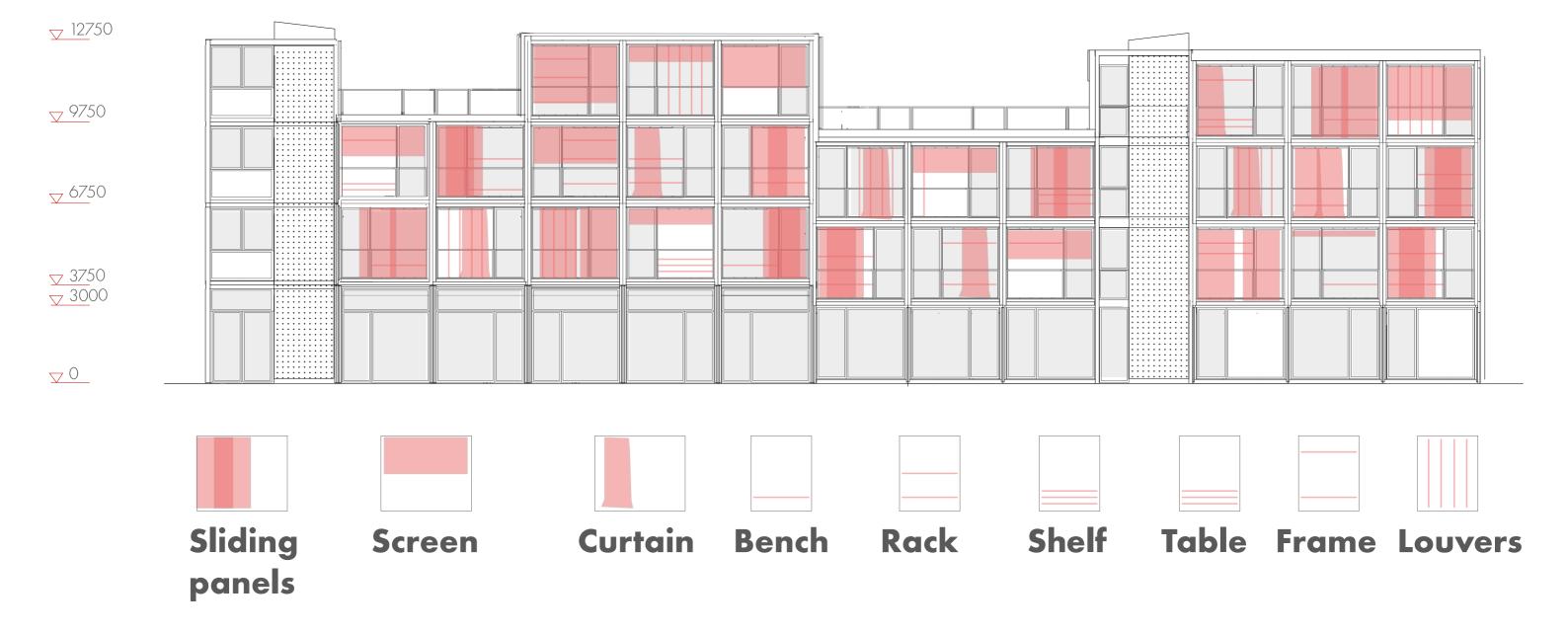
Facade Three layers



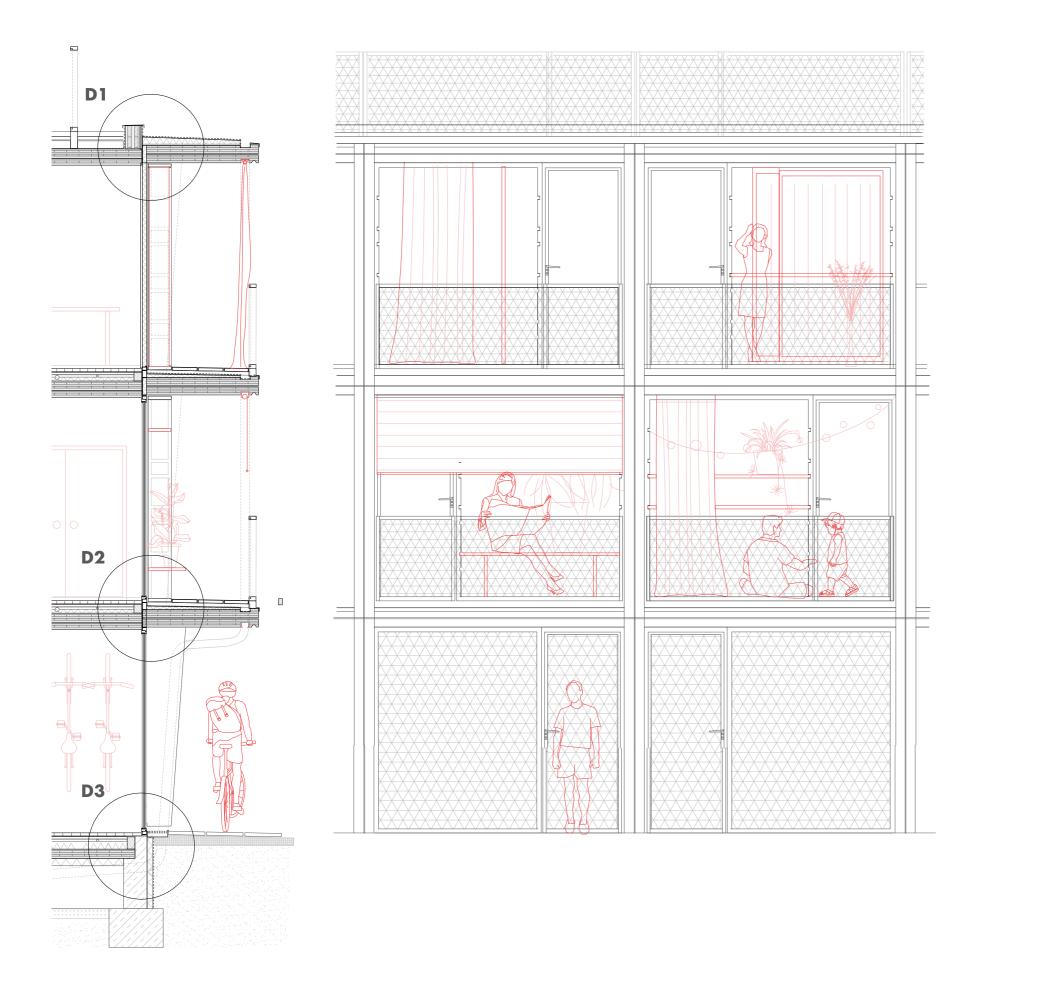


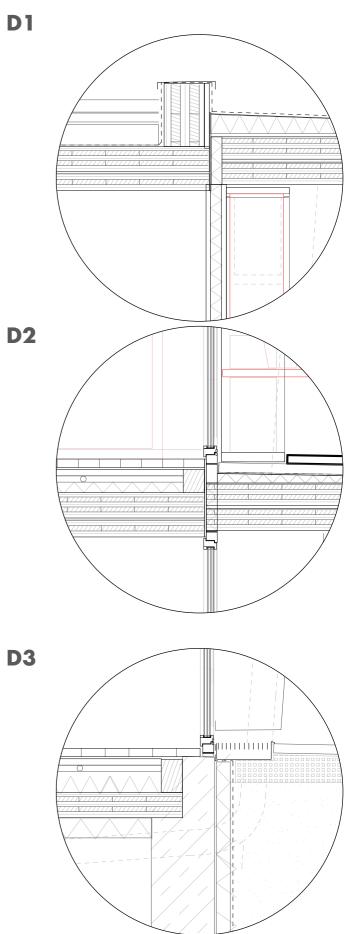
Facade

Residents lifestyles are reflected across the facade.



Details





Building lifecycles

