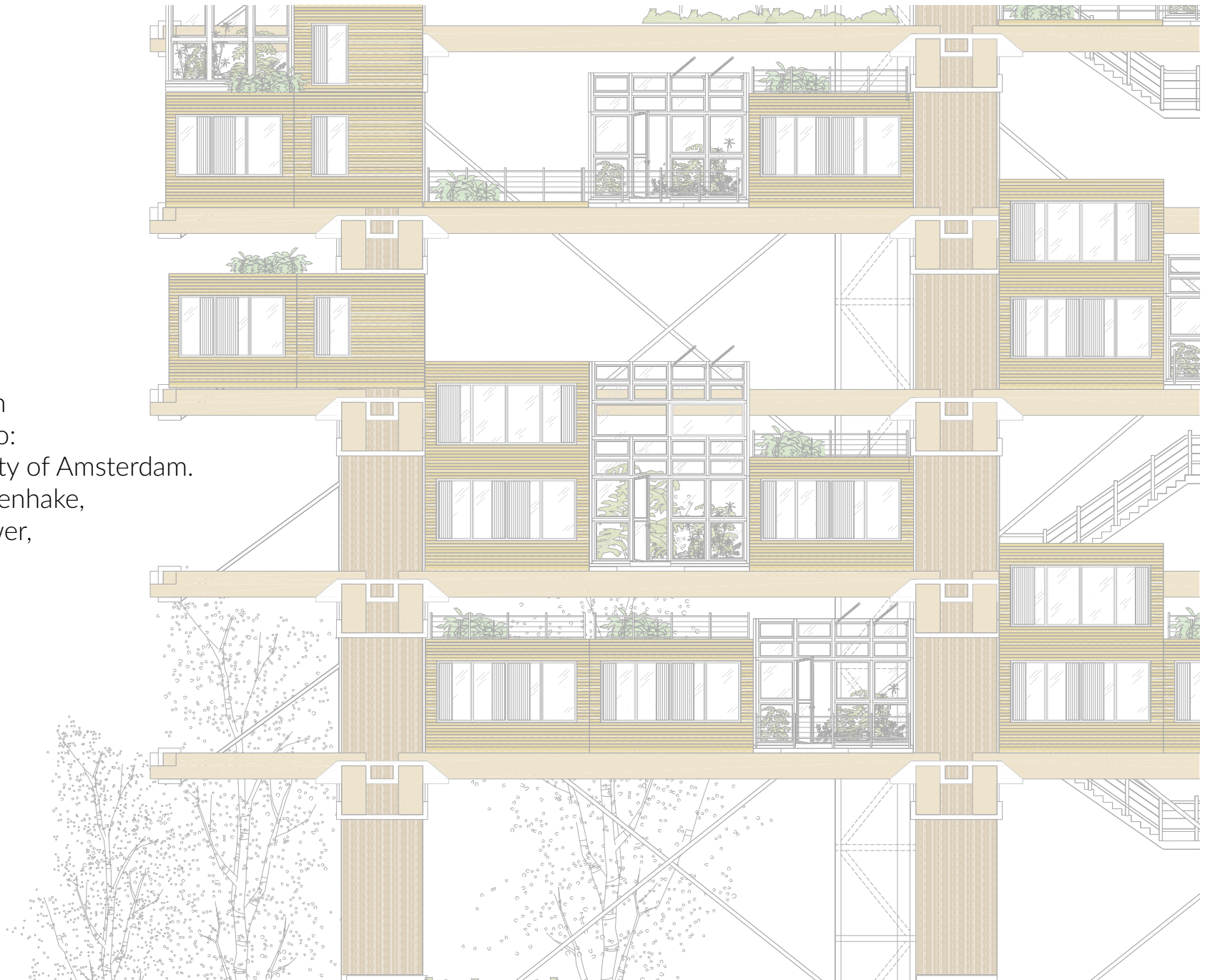


The Last Gap

Anna Wójcik
Final presentation
Graduation Studio:
At home in the city of Amsterdam.
tutors: Birgit Jurgenhake,
Paul Kuitenbrouwer,
Ype Cuperus

18.12.2014











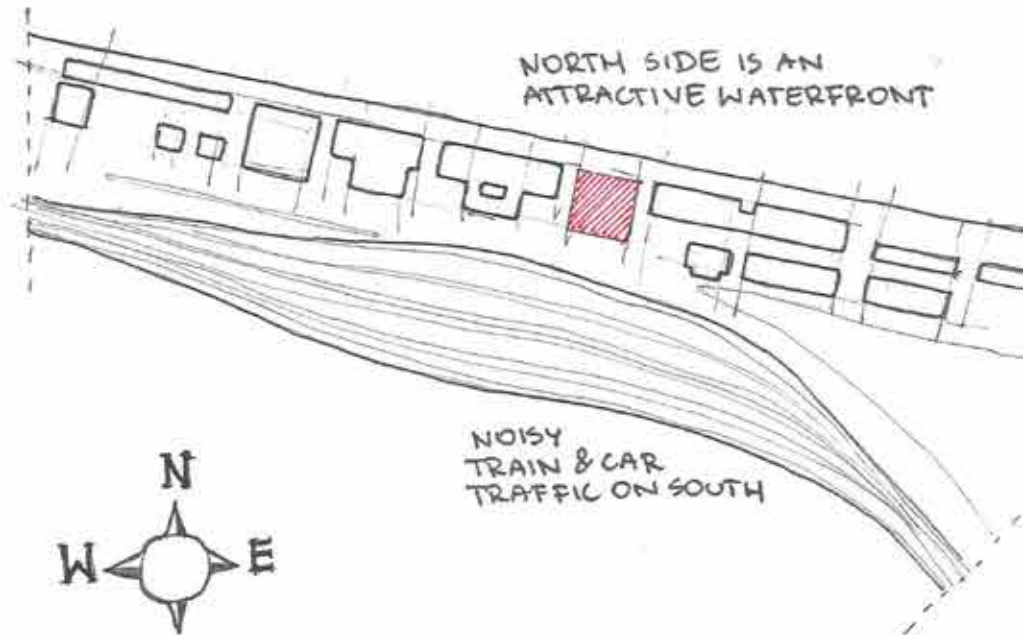


'The Last Gap'.
Oostelijke Handelskade 225 1019 HM,
Amsterdam

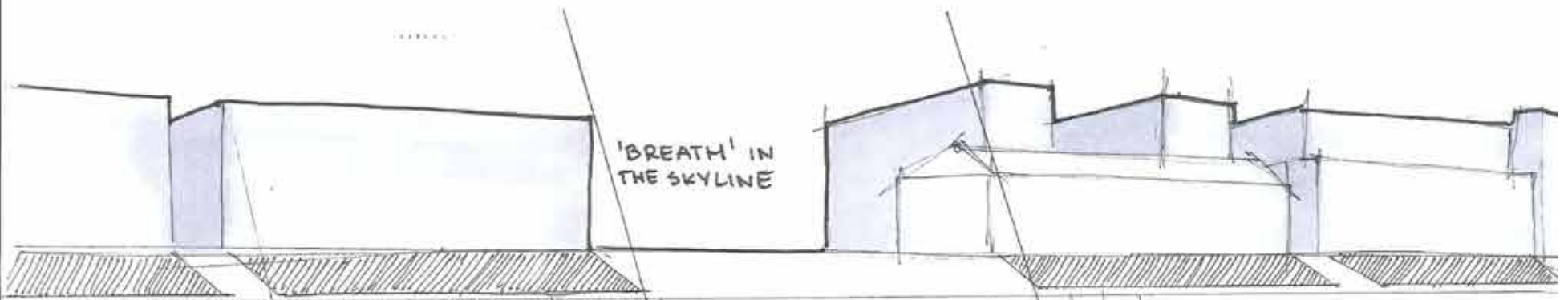


SAVING THE LAST GAP!

OOSTELIJKE
HANDELSKADE



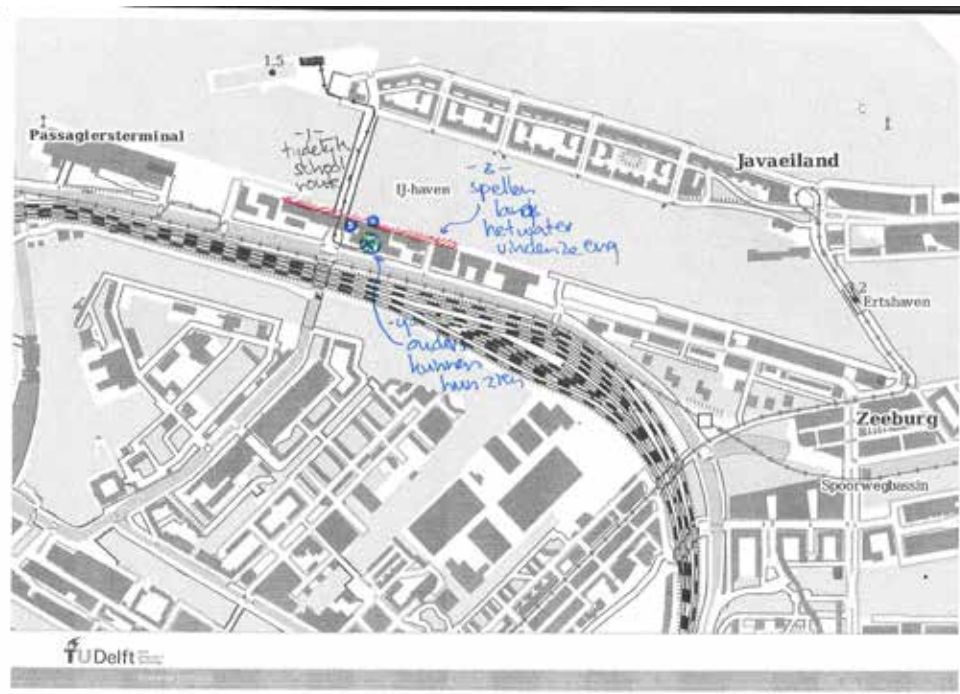
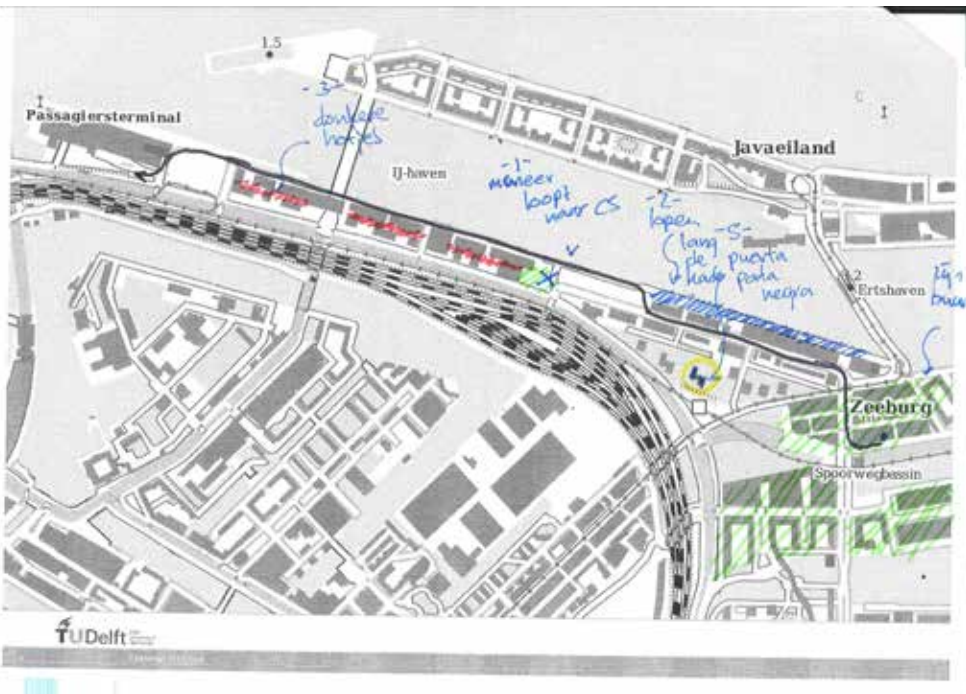
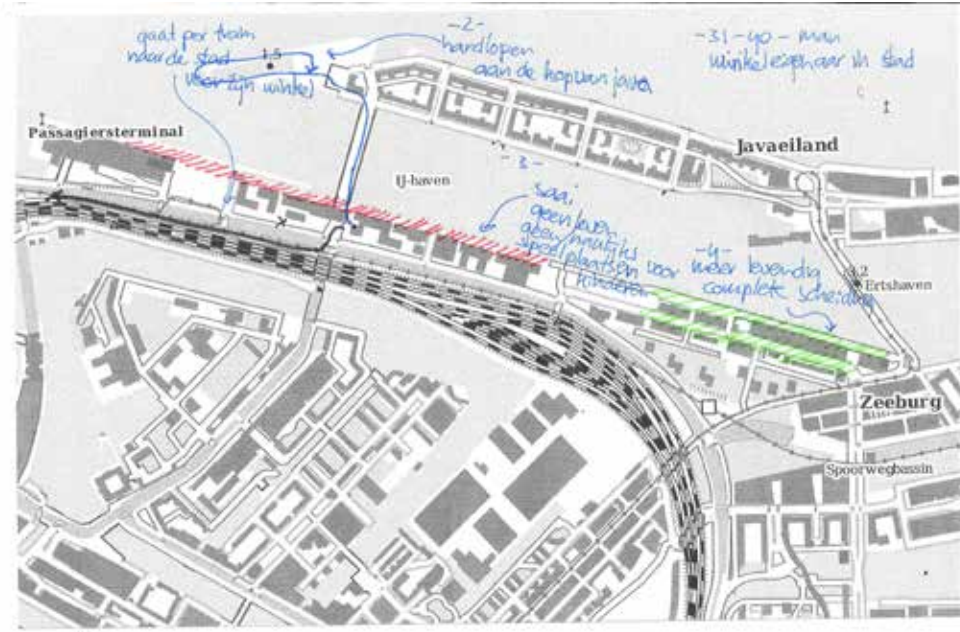
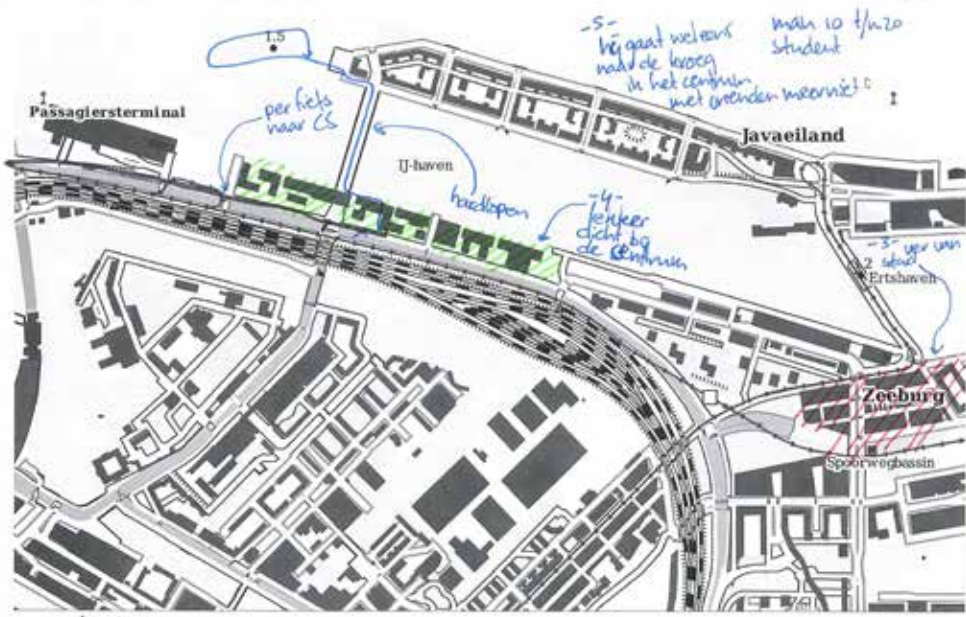
SITE
WITH
CHALLENGING
ORIENTATION



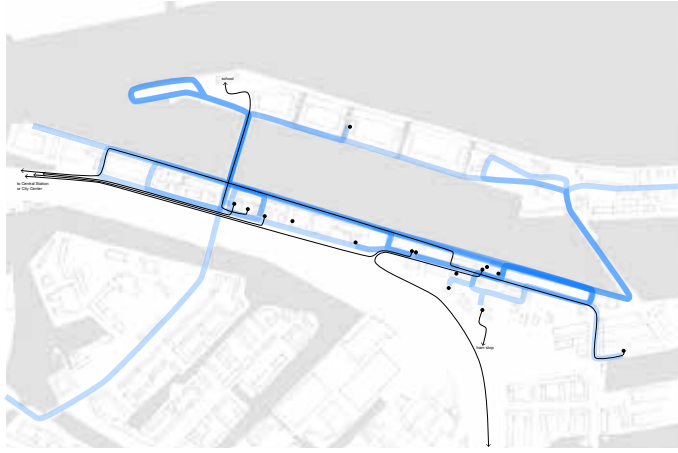
'BREATH' IN
THE SKYLINE

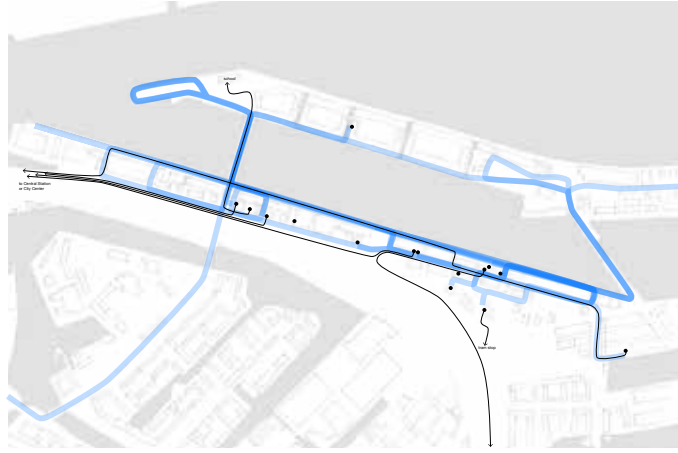
THE ONLY SUNNY PART
OF THE WATERFRONT
&
GREAT OPPORTUNITY
FOR NEIGHBORHOOD

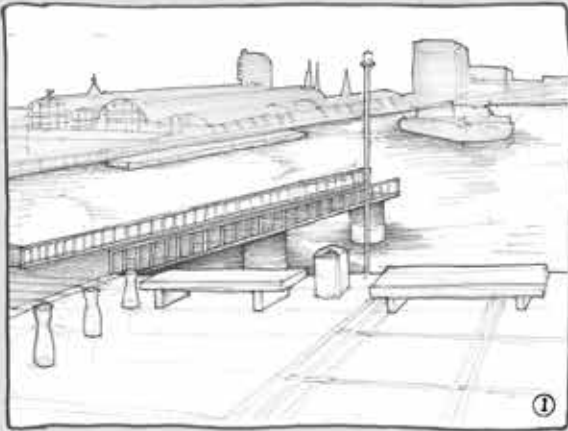
EACH DWELLING SHOULD HAVE:











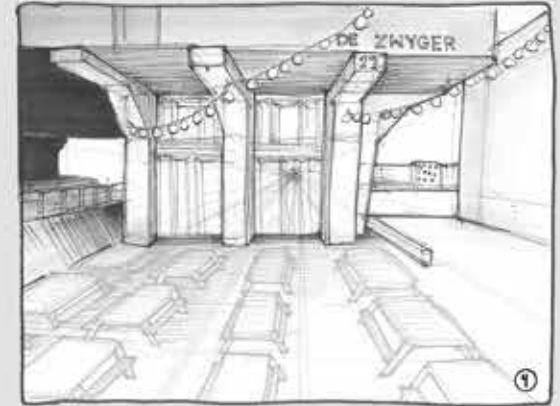
- IJ Bay openness
- Amsterdam Central Station overview



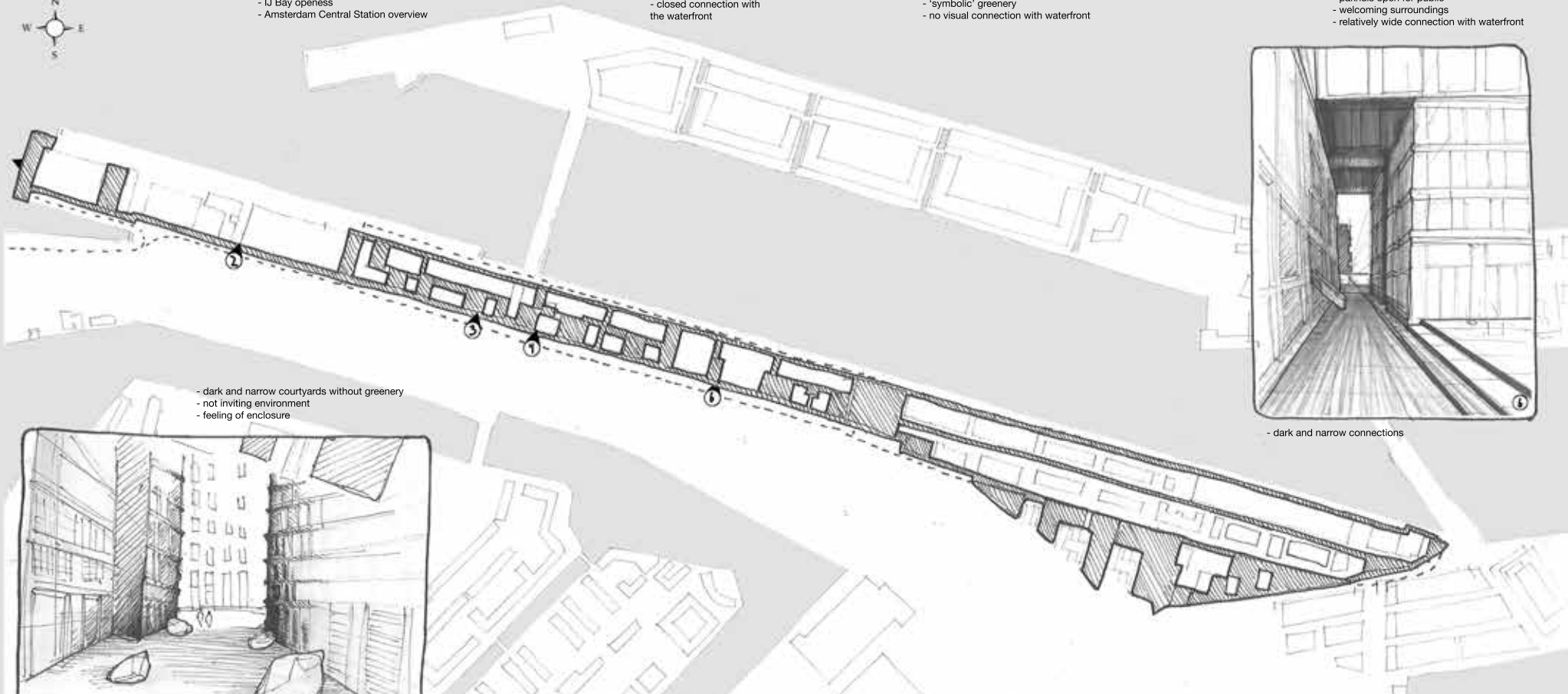
- closed connection with the waterfront



- 'symbolic' greenery
- no visual connection with waterfront



- pakhuis open for public
- welcoming surroundings
- relatively wide connection with waterfront

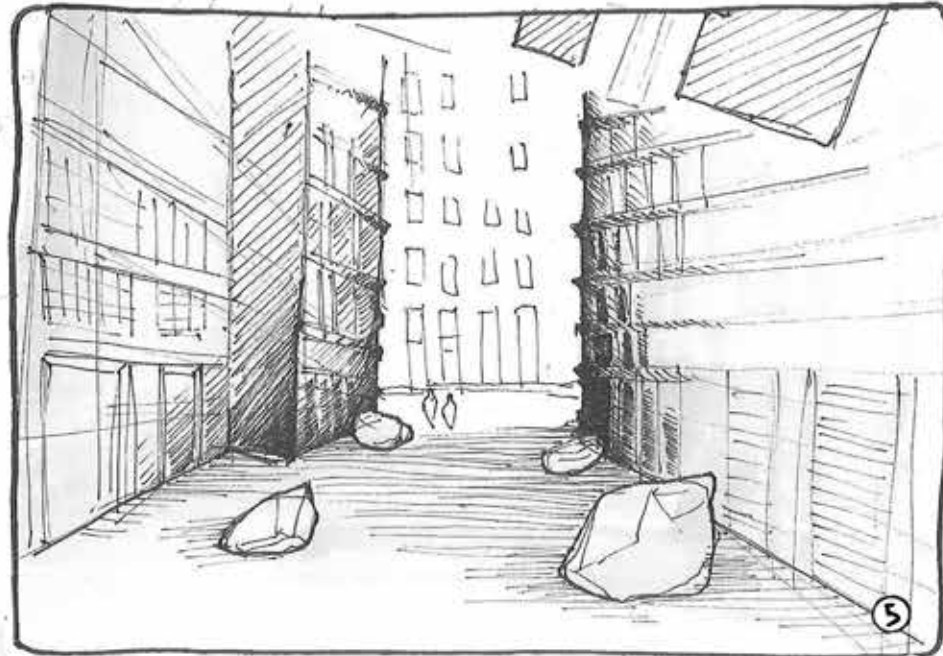
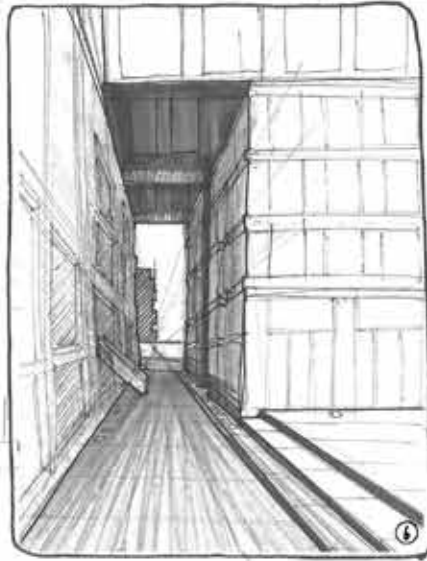


- dark and narrow courtyards without greenery
- not inviting environment
- feeling of enclosure



- dark and narrow connections







Antispace -broken, disjointed and disorienting.
R. Trancik in "Finding Lost Space"

How to shape
an antispaces?

Emma's Hof
The Hague



Galileïstraat 44
2561 TG Den Haag

Tasman-hof
The Hague



Tasmanstraat 137
2518 VM Den Haag

Bilderlijkade
Amsterdam



Bilderlijkade 456
1053 VP Amsterdam

Oostelijke Handelskade
Amsterdam



Oostelijke Handelskade 225
1019 HM, Amsterdam

Social factors:



Politics

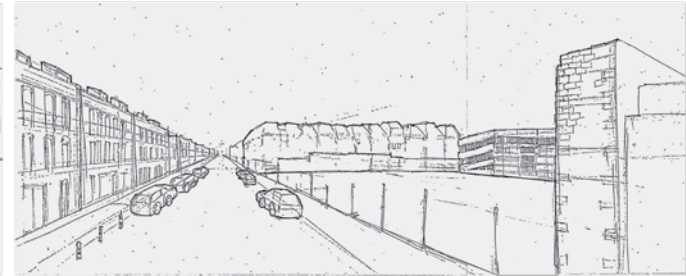


Culture

Economical factors



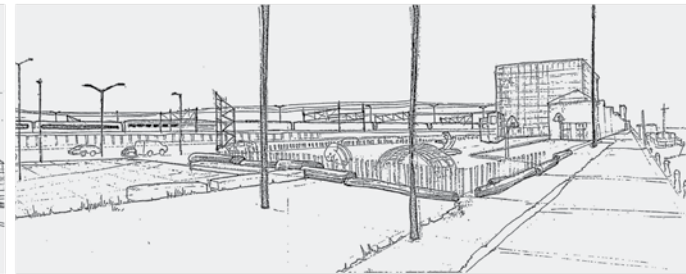
Finances



Ecological factors



Green



Architectural factors



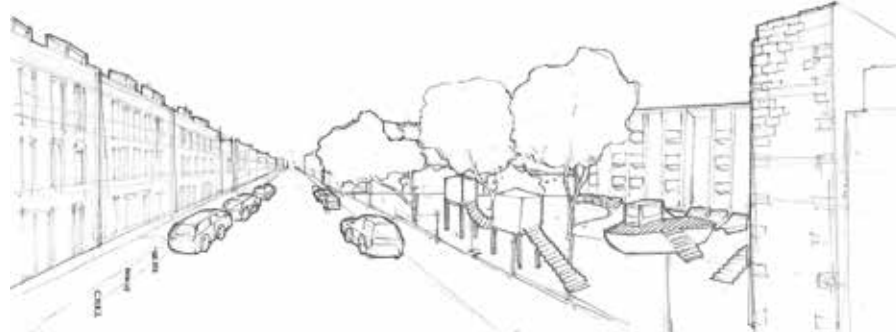
Density



Typology

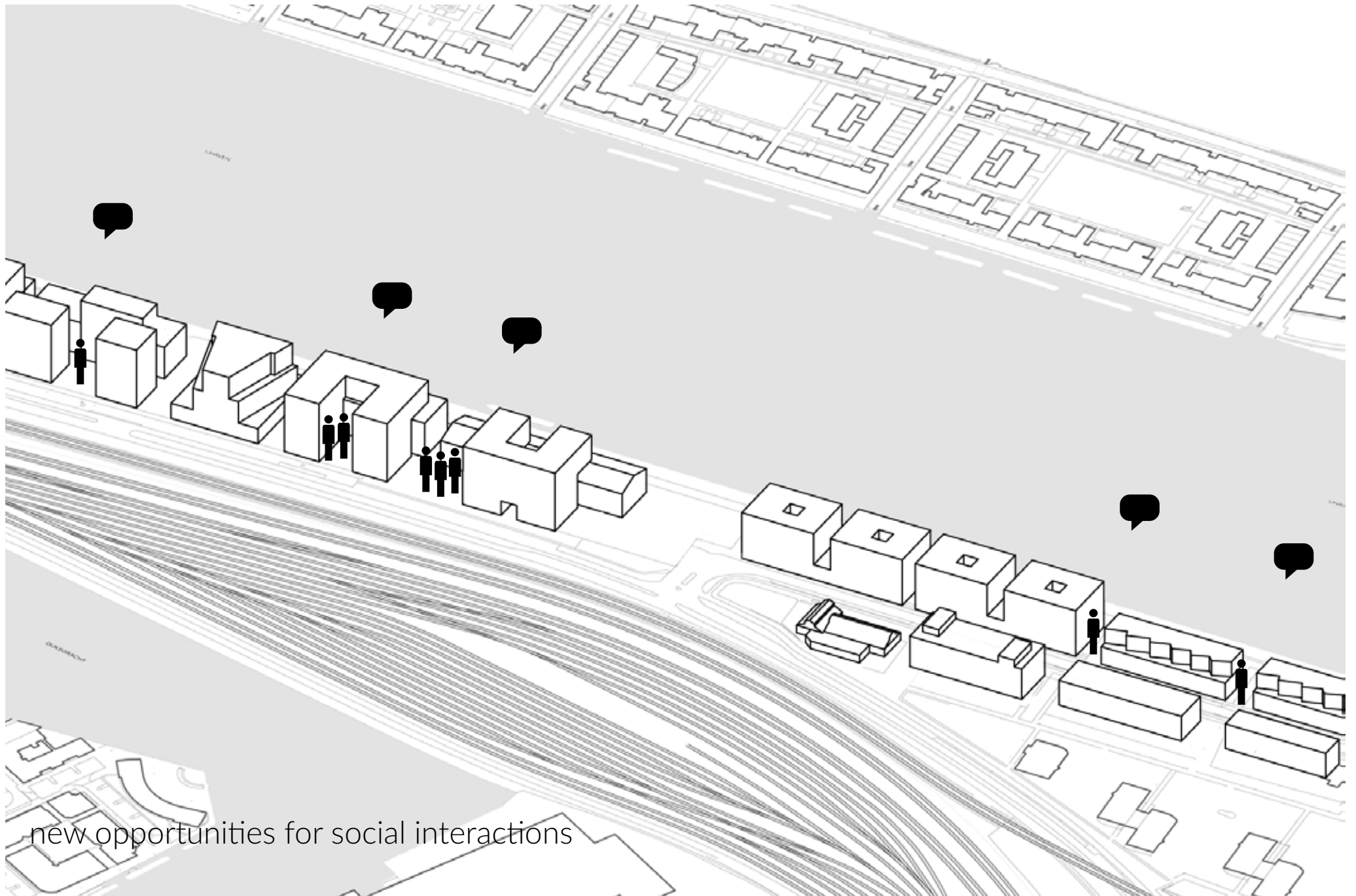


Phenomenology

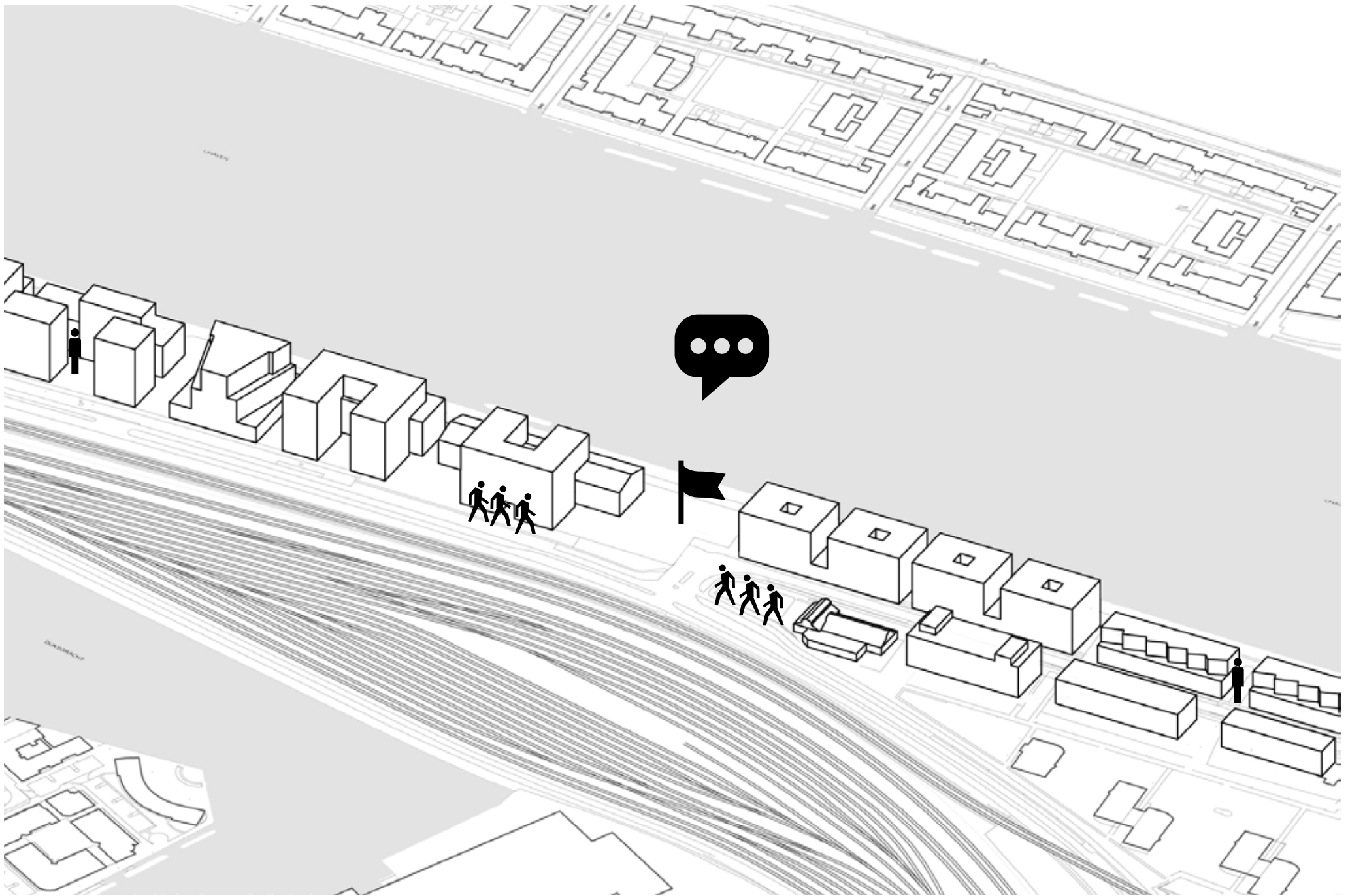


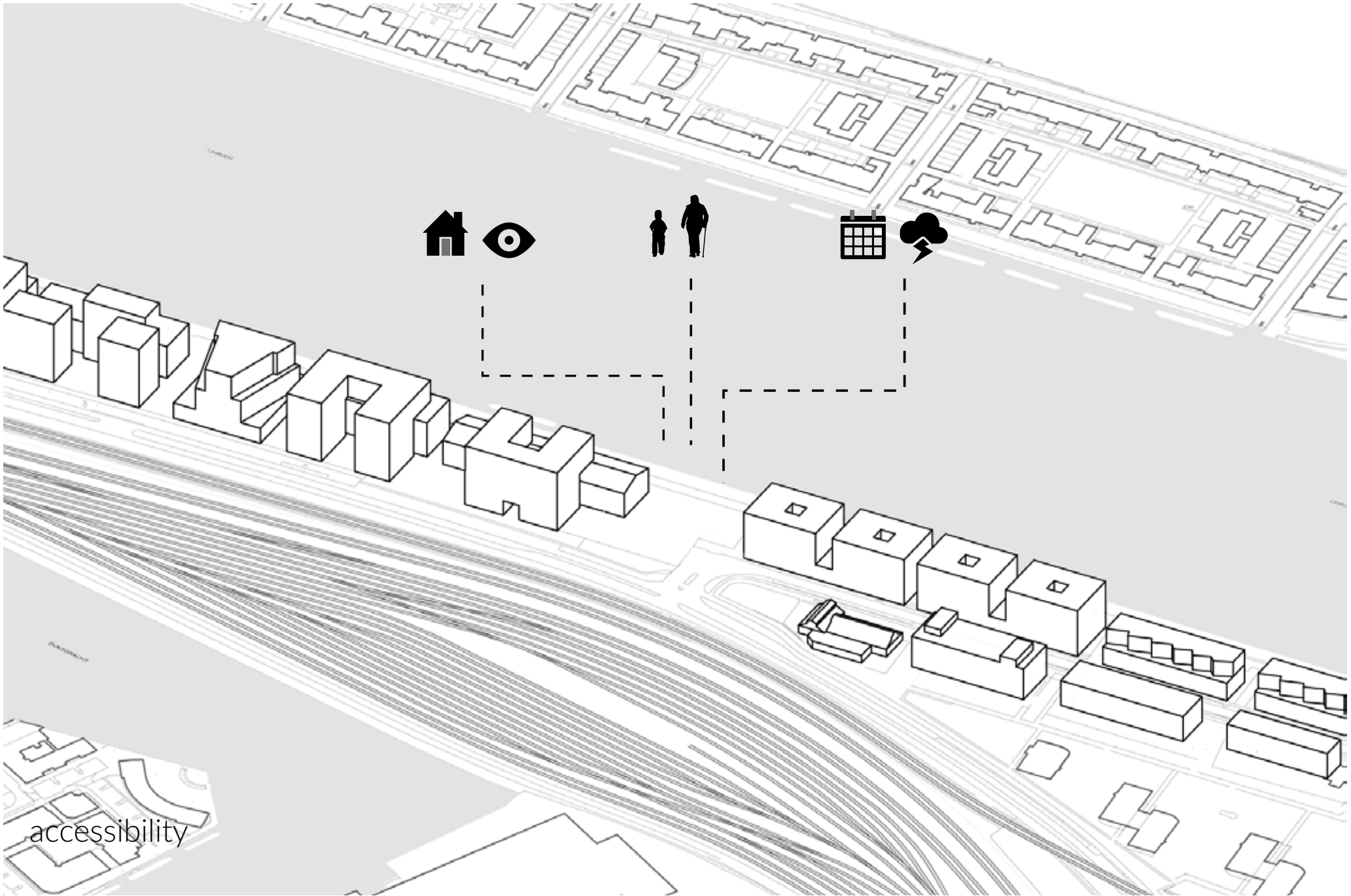


What is the
potential of The Last Gap?

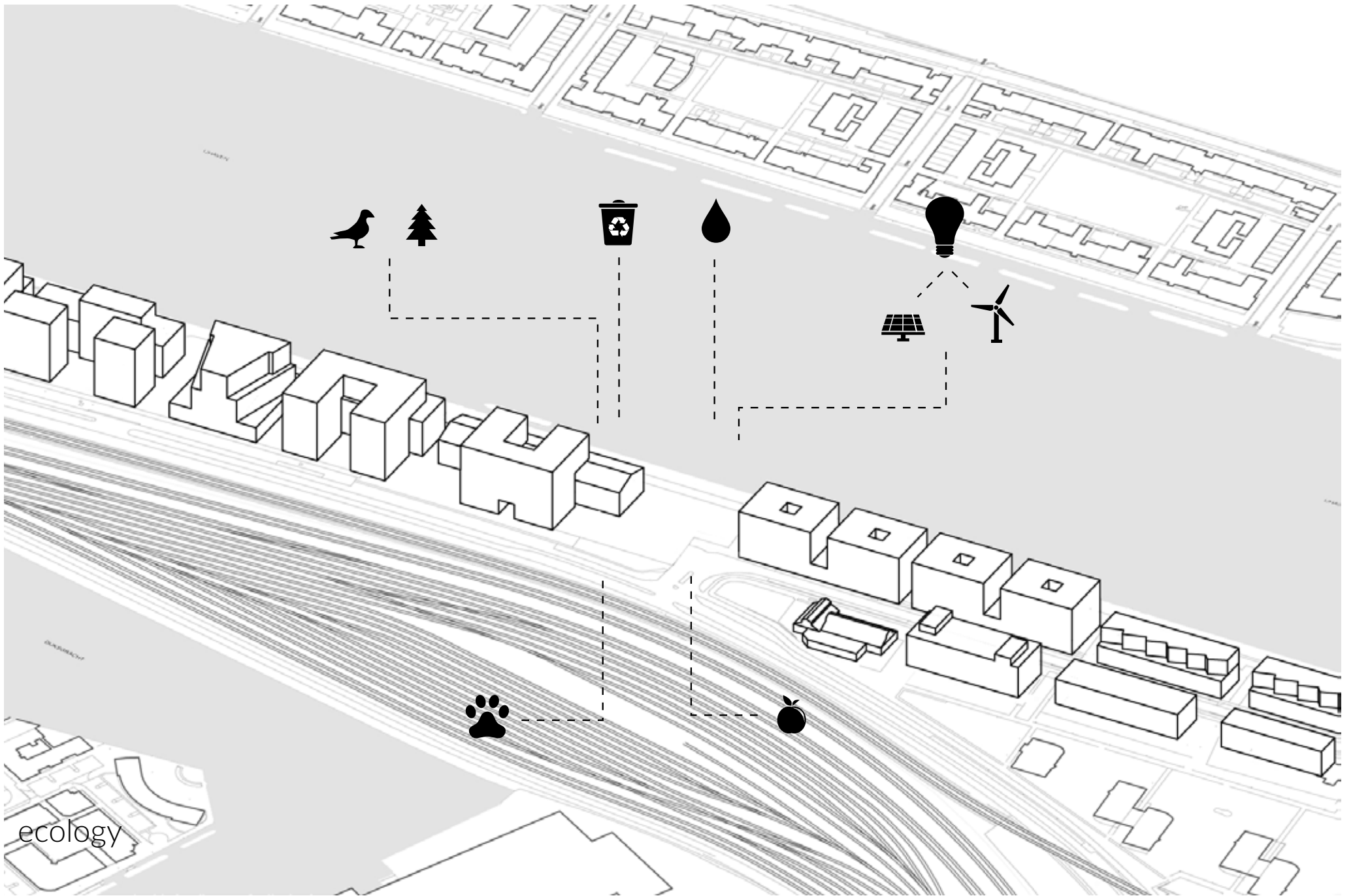


new opportunities for social interactions



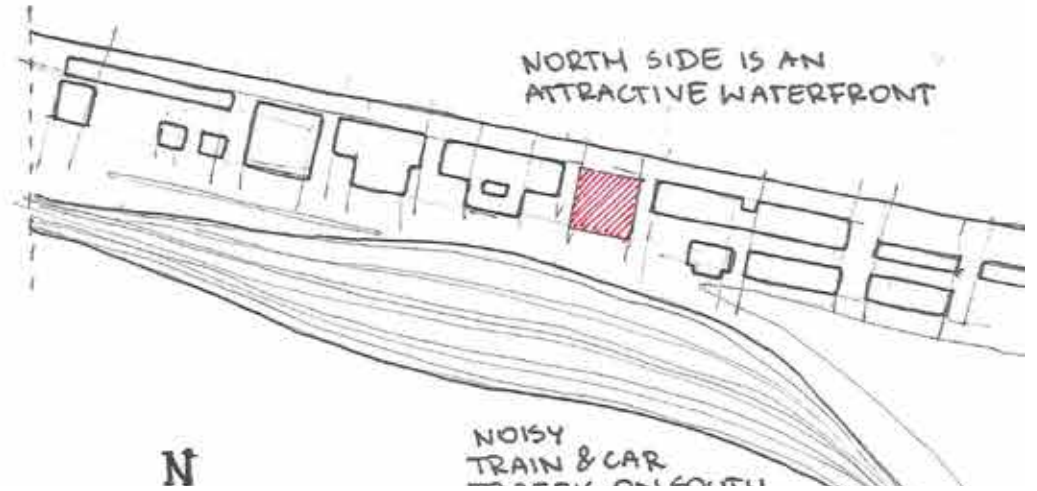


accessibility



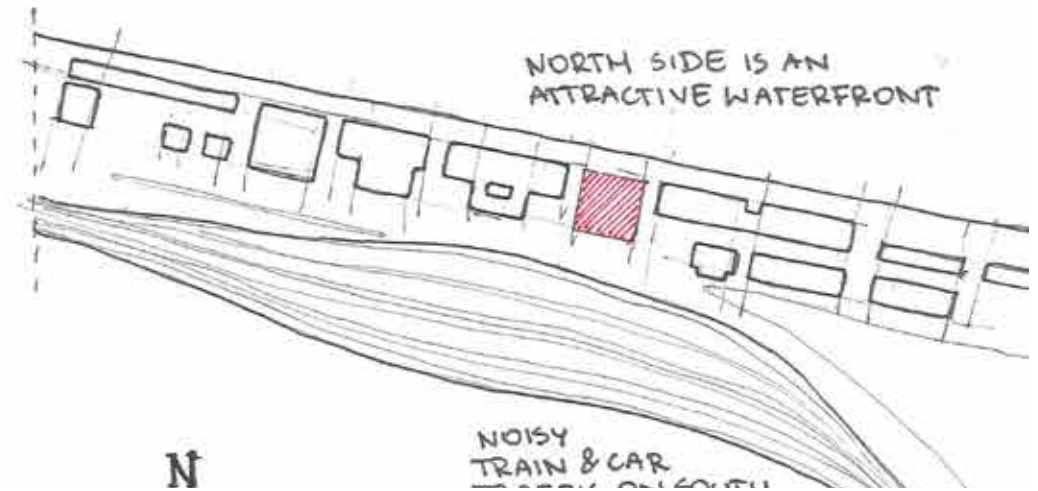
SAVING THE LAST GAP!

OOSTELIJKE
HANDELSKADE



SAVING THE LAST GAP!

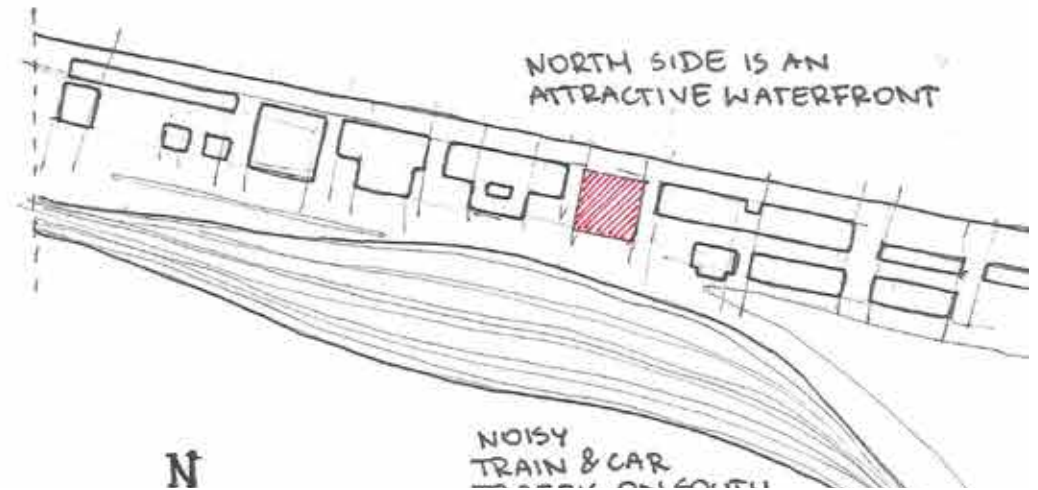
OOSTELIJKE
HANDELSKADE



How to build new dwellings in the last empty spot in the rigid neighborhood, but in the same time leave it open to serve the neighborhood as a high quality public space.

SAVING THE LAST GAP!

OOSTELIJKE
HANDELSKADE

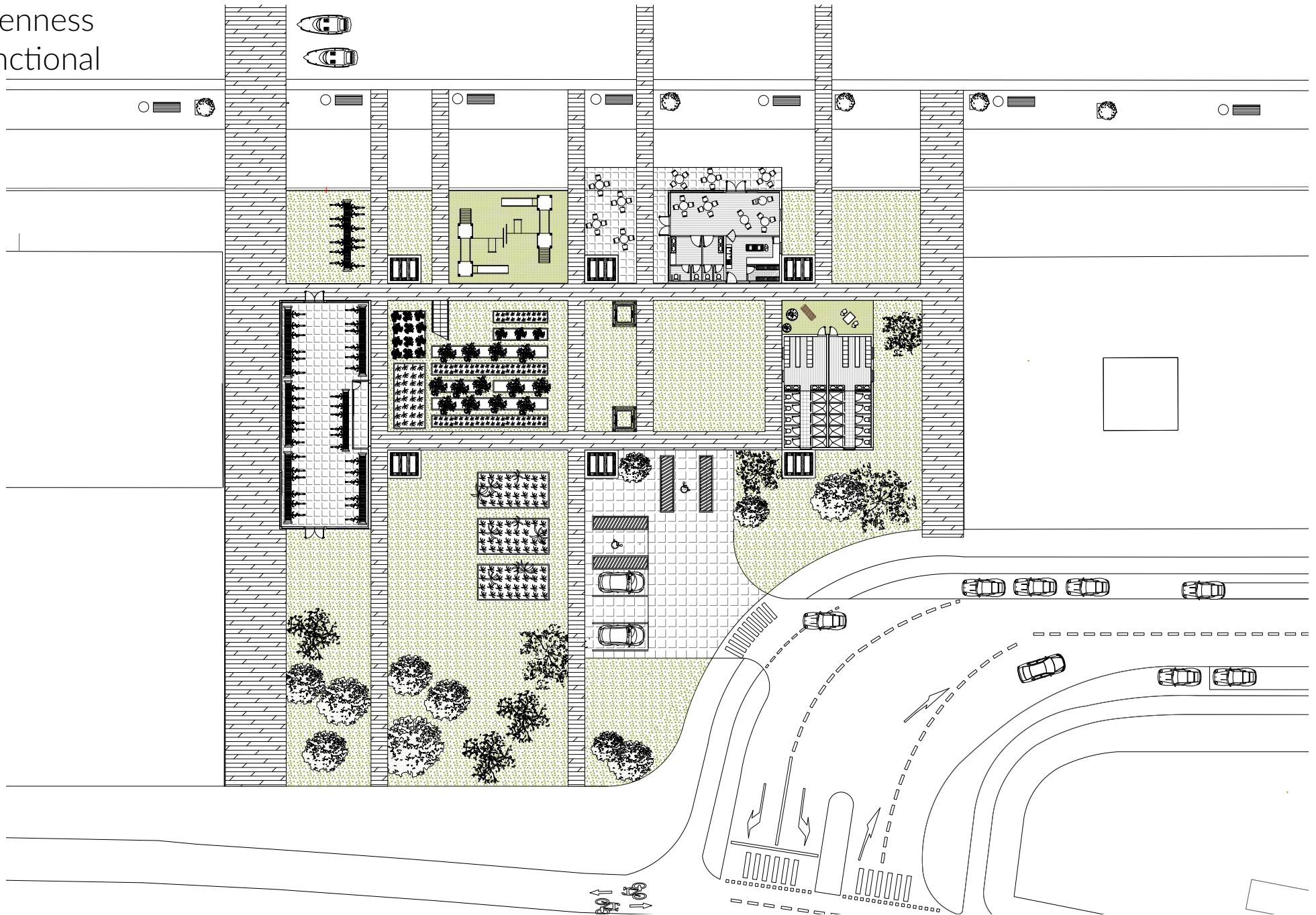


How to build new dwellings in the last empty spot in the rigid neighborhood, but in the same time leave it open to serve the neighborhood as a high quality public space.



design for openness

openness
functional

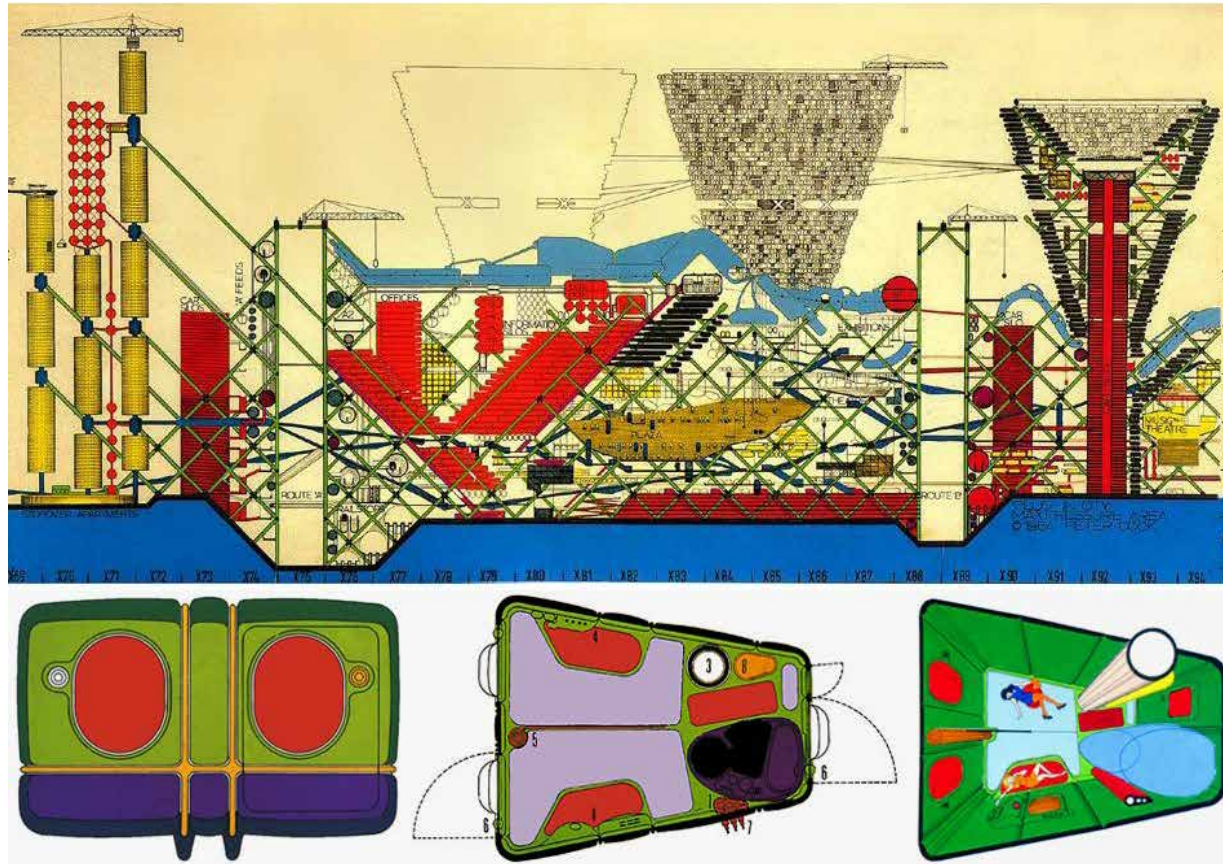


openness
formal/visual
urban scale



minimal interference with groundfloor

gate



Plug-in City, Archigram 1965



4 Nakagin Capsule Tower, Tokyo
Cell Life

-  It was intended for the capsules to be replaced every 20 years. It has now been 27 years and the capsules are beginning to show their age.
-  Due to the tower design only the top capsules can be removed. To replace a lower capsule requires demolition of capsule above it.
-  Asbestos
-  Earthquake Protection
-  General waste



Demolition was approved in 2007, the capsules aged 30 years. To reuse them seemed however the best old stands thanks to global support for the iconic sustainable structure.

The future of the capsule tower is uncertain, a central theme in its. The building has two options, complete demolition or reuse the existing structure.

As mentioned in that book you are studying the capsules to be individually replaced, not the whole structure must agree for anything to happen currently. Reuse them or not.

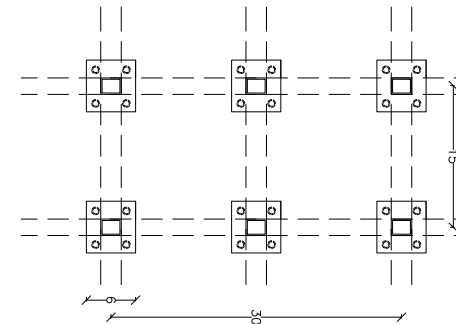
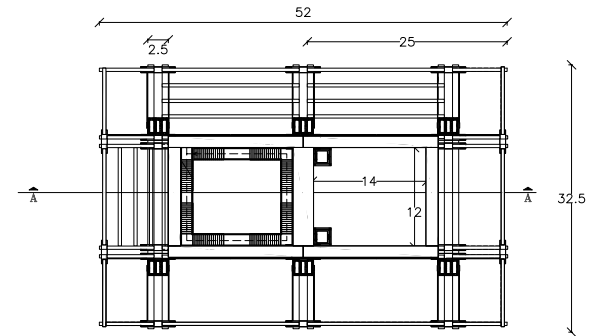
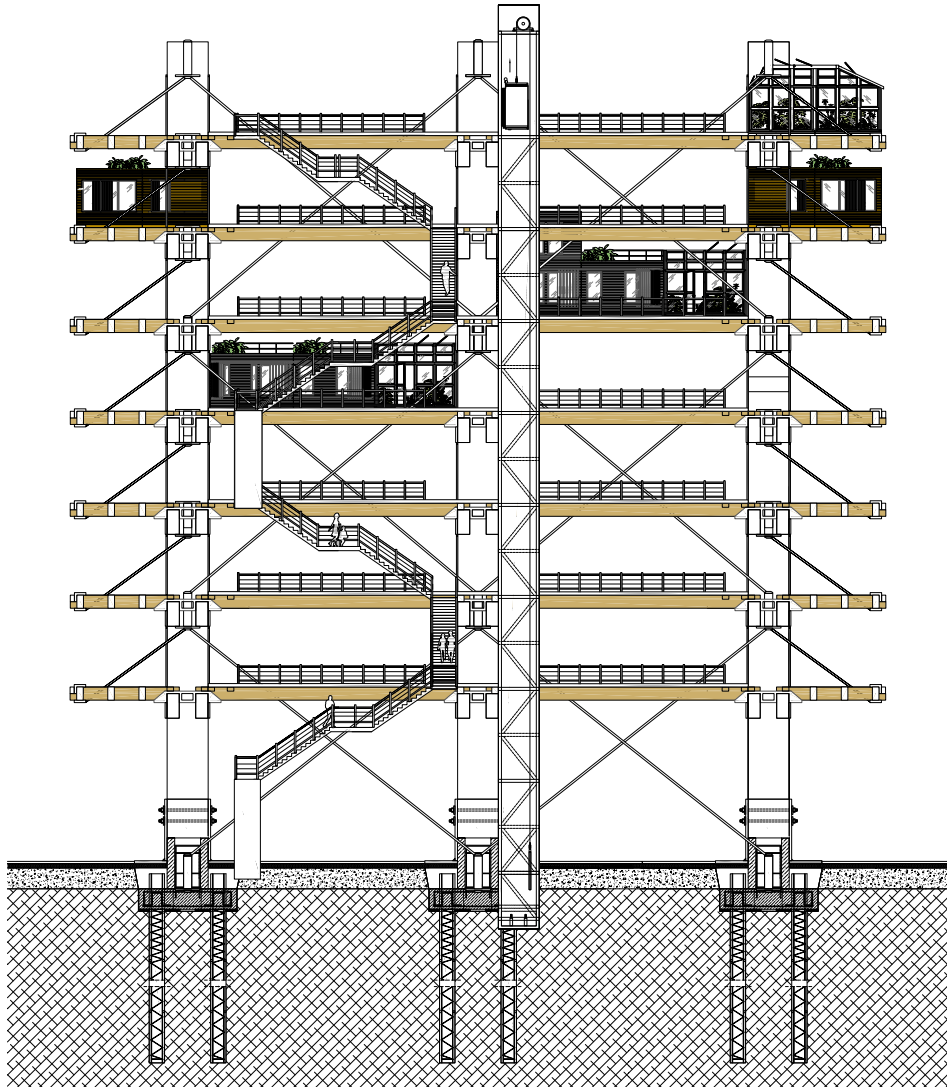
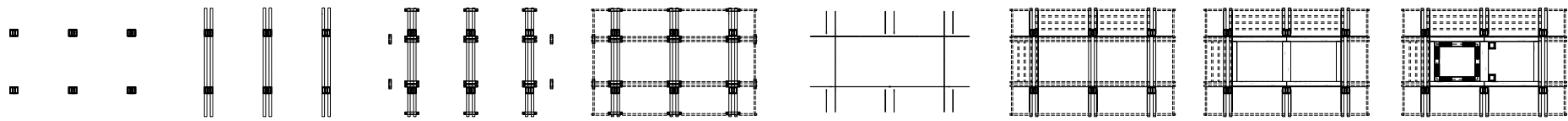
"Where does one trade-in for a new capsule?"

Nakagin Capsule Tower by Kisho Kurokawa, Tokio 1972

dwelling scale



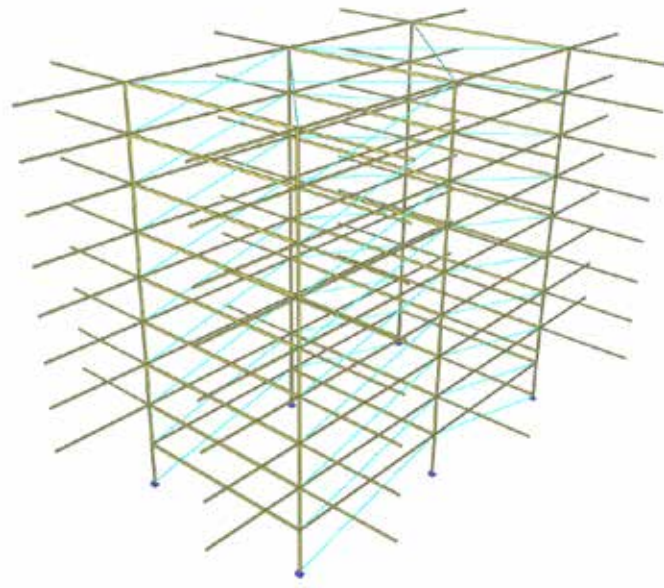
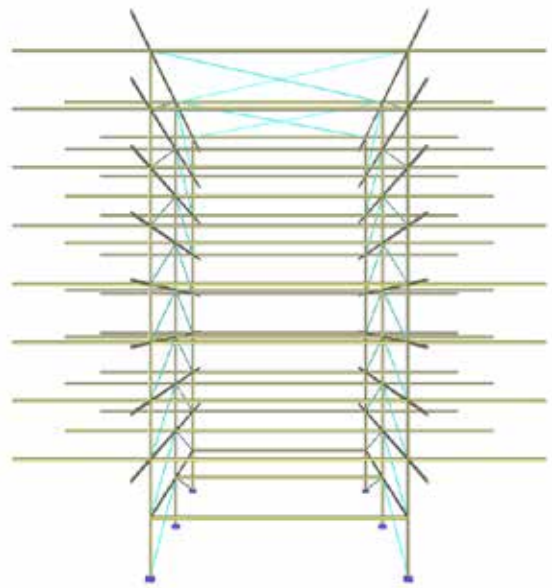
openness “ideological”



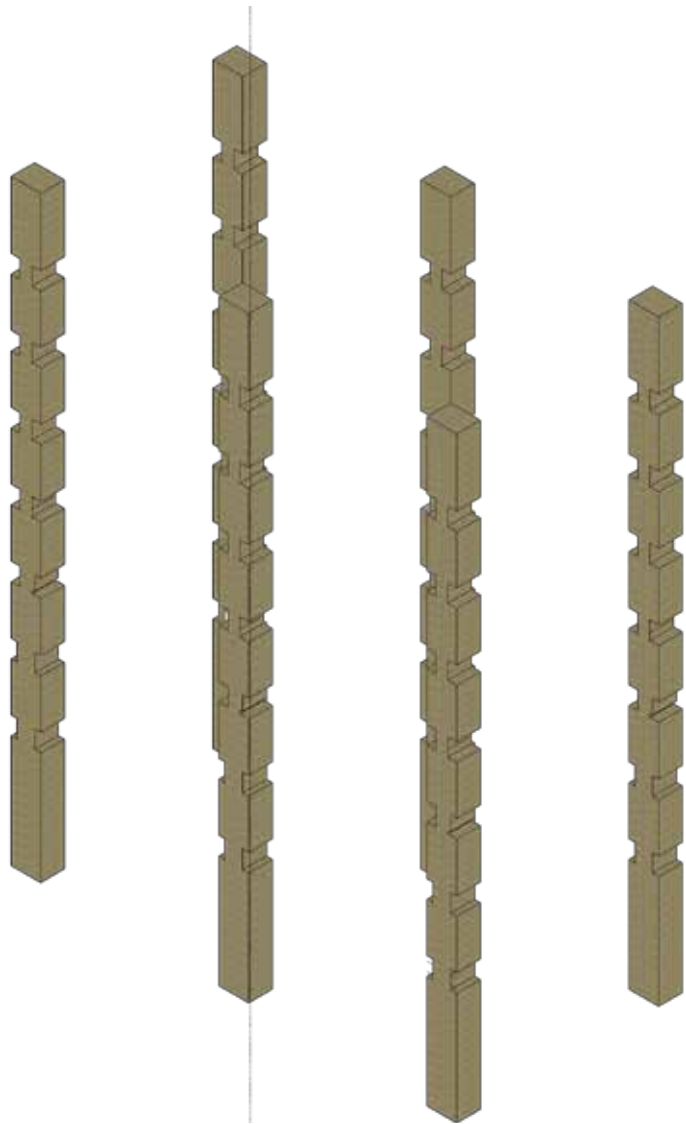
concrete footing as the only fixed structural element

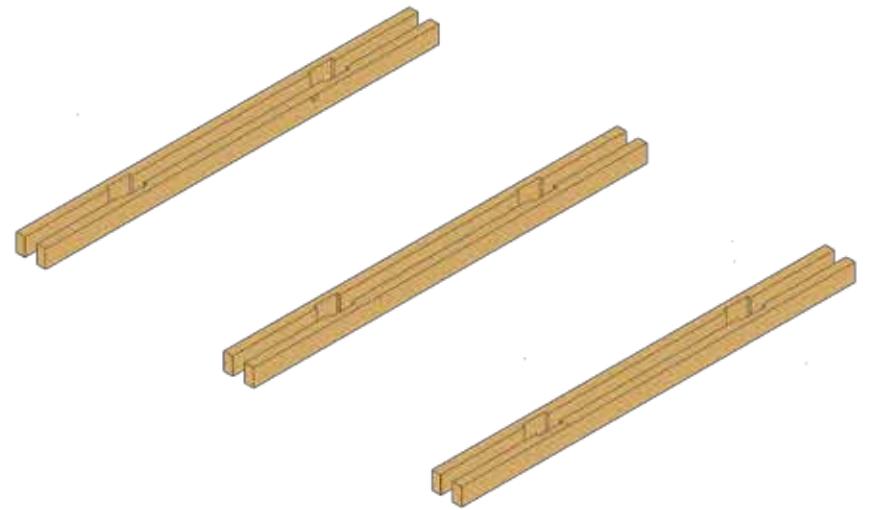
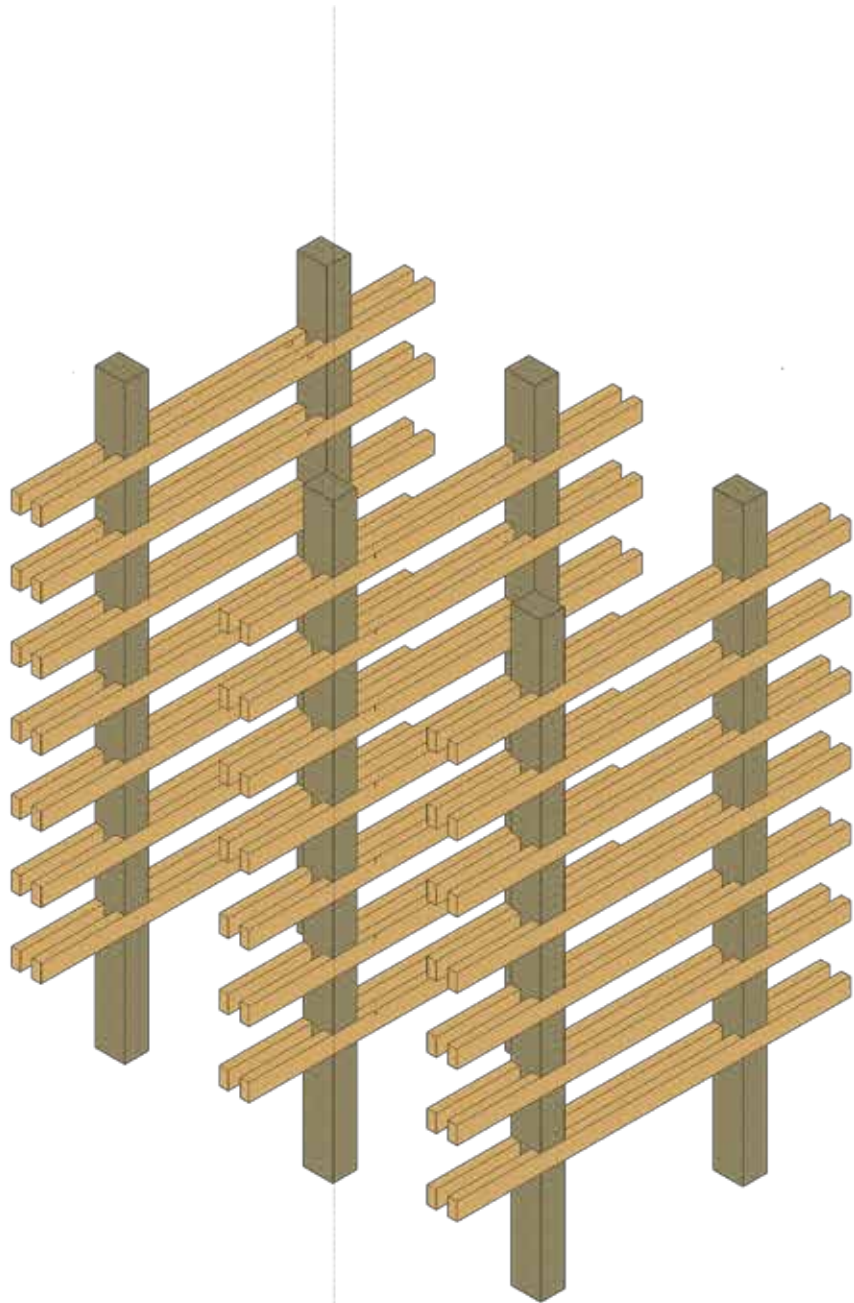
S46	S17	S10	S56
HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150
S47	S15	S16	S57
HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150
S48	S12	S14	S58
HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150
S49	S11	S12	S59
HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150
S50	S9	S10	S60
HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150
S51	S7	S8	S61
HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150
S52	S5	S6	S62
HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150
S53	S3	S4	S63
HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150	HT-VR 60 x 150

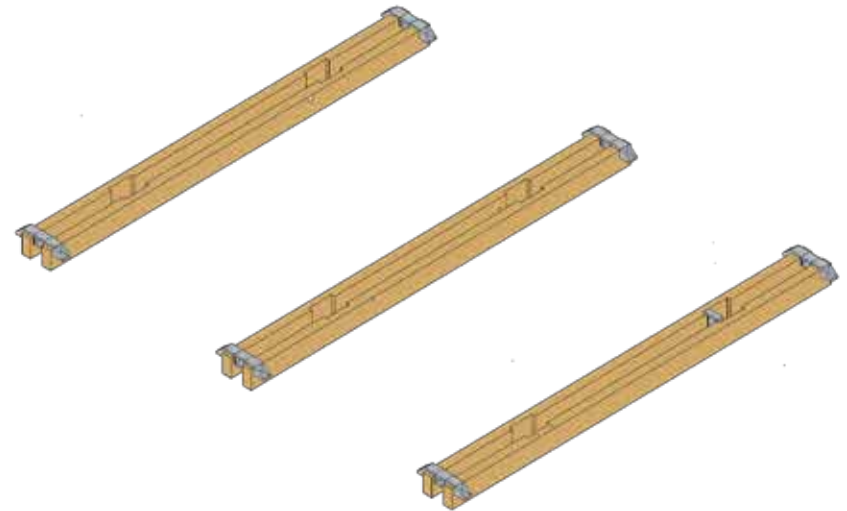
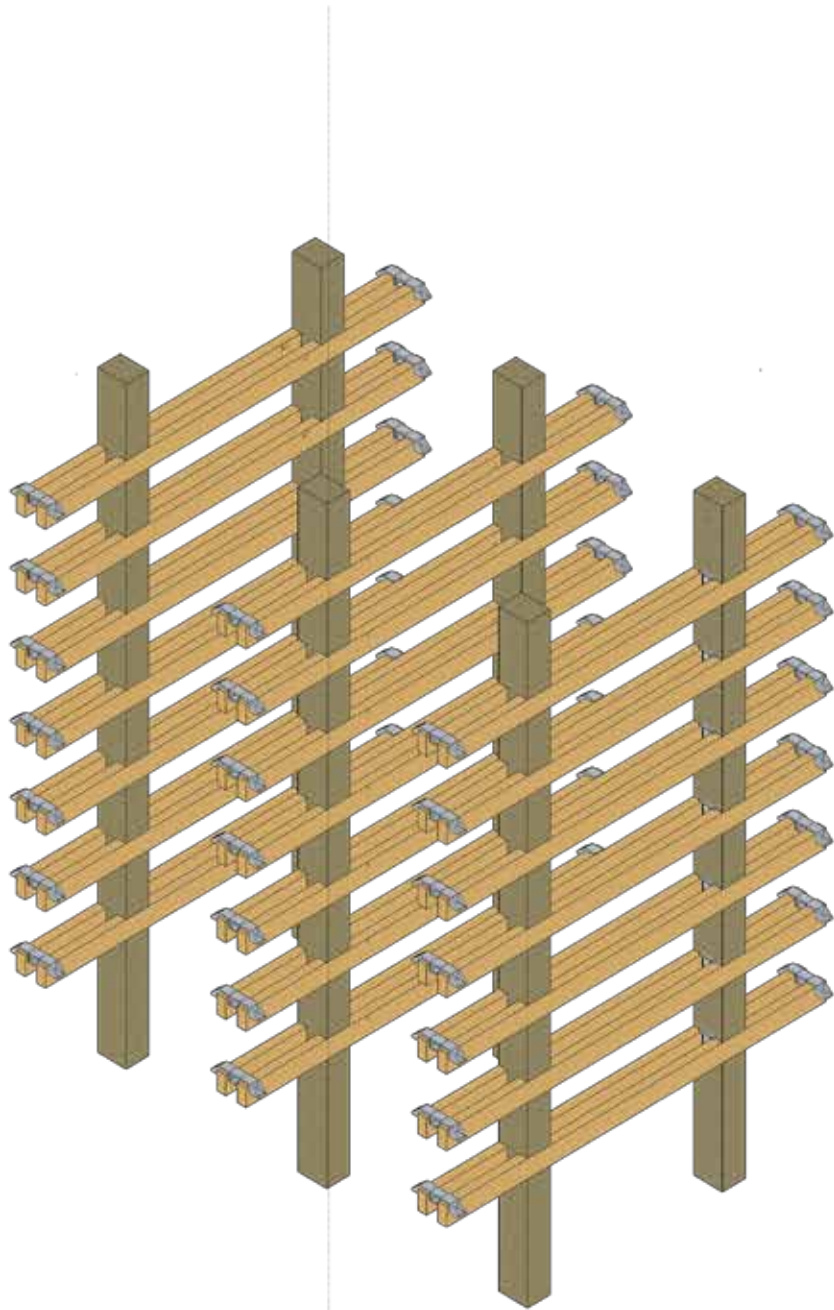
stresses

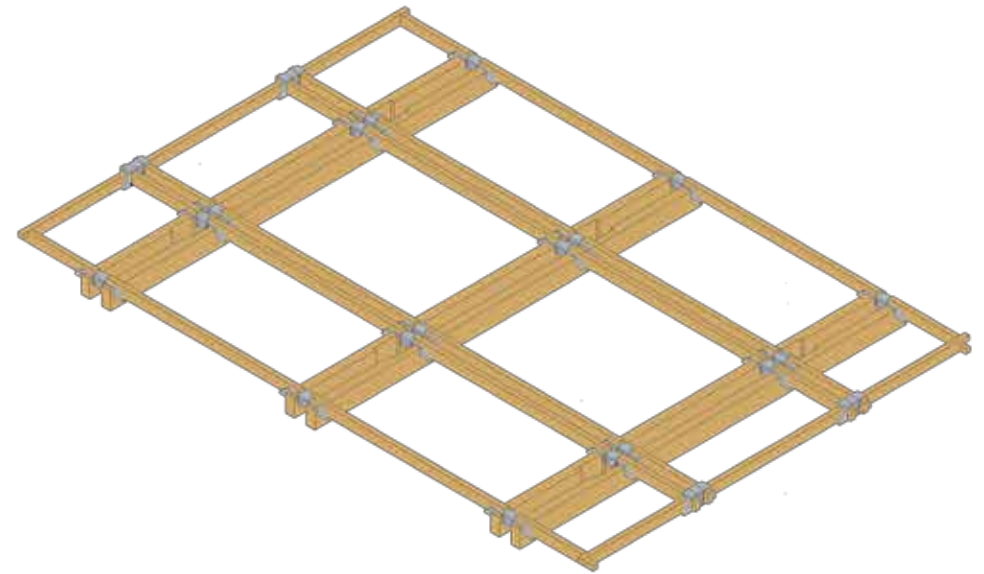
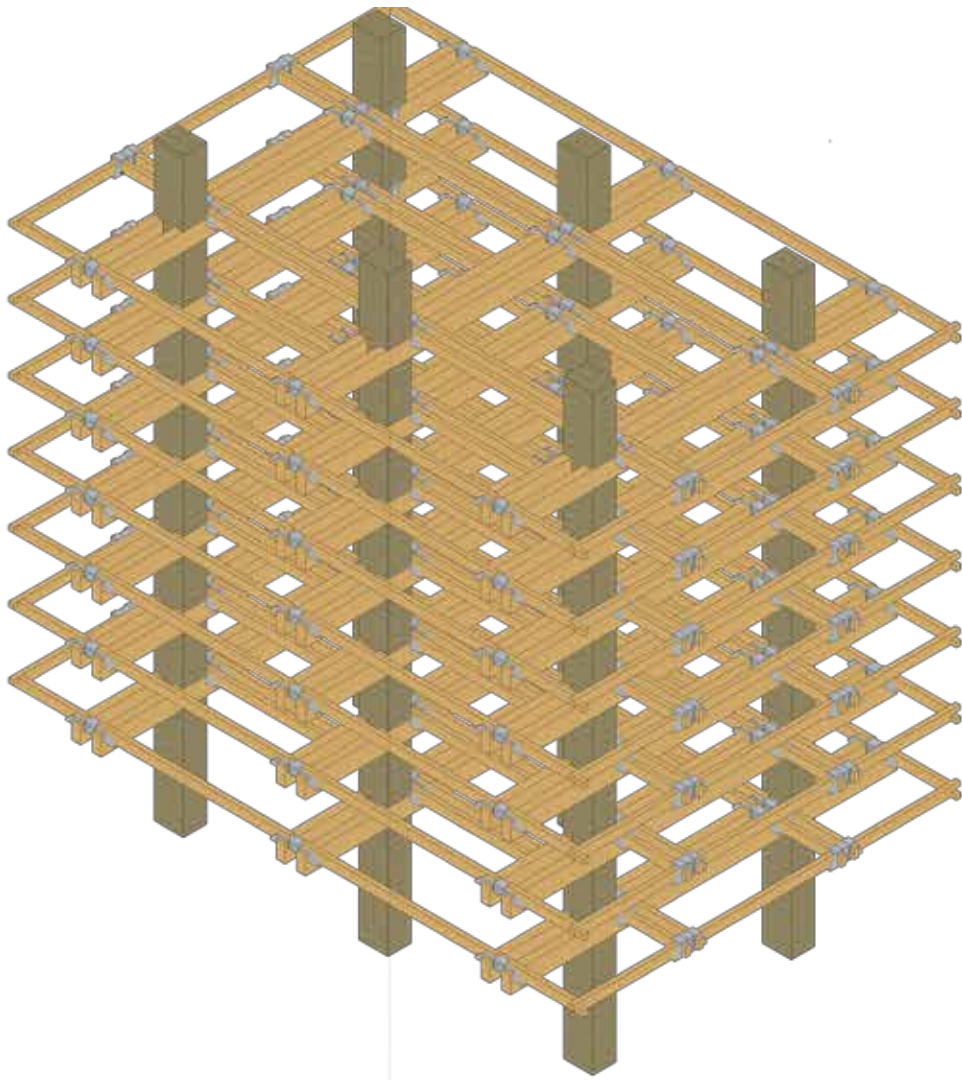


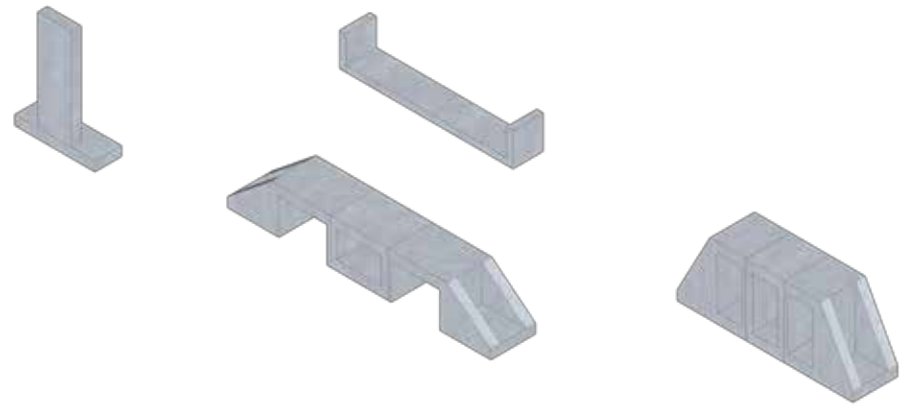
bracing

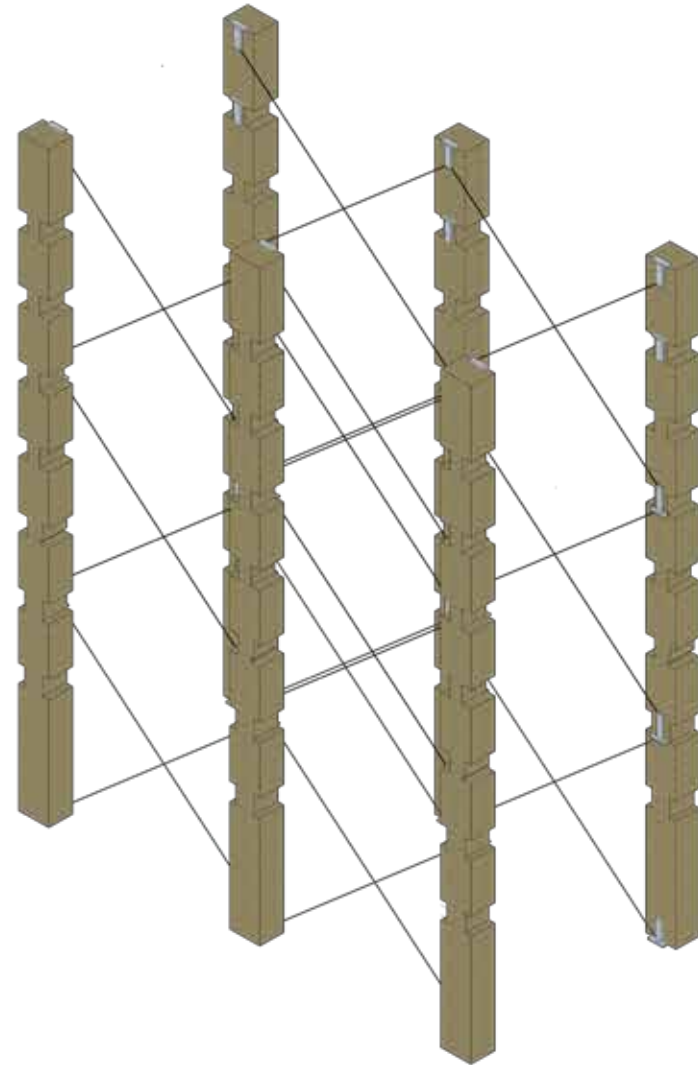
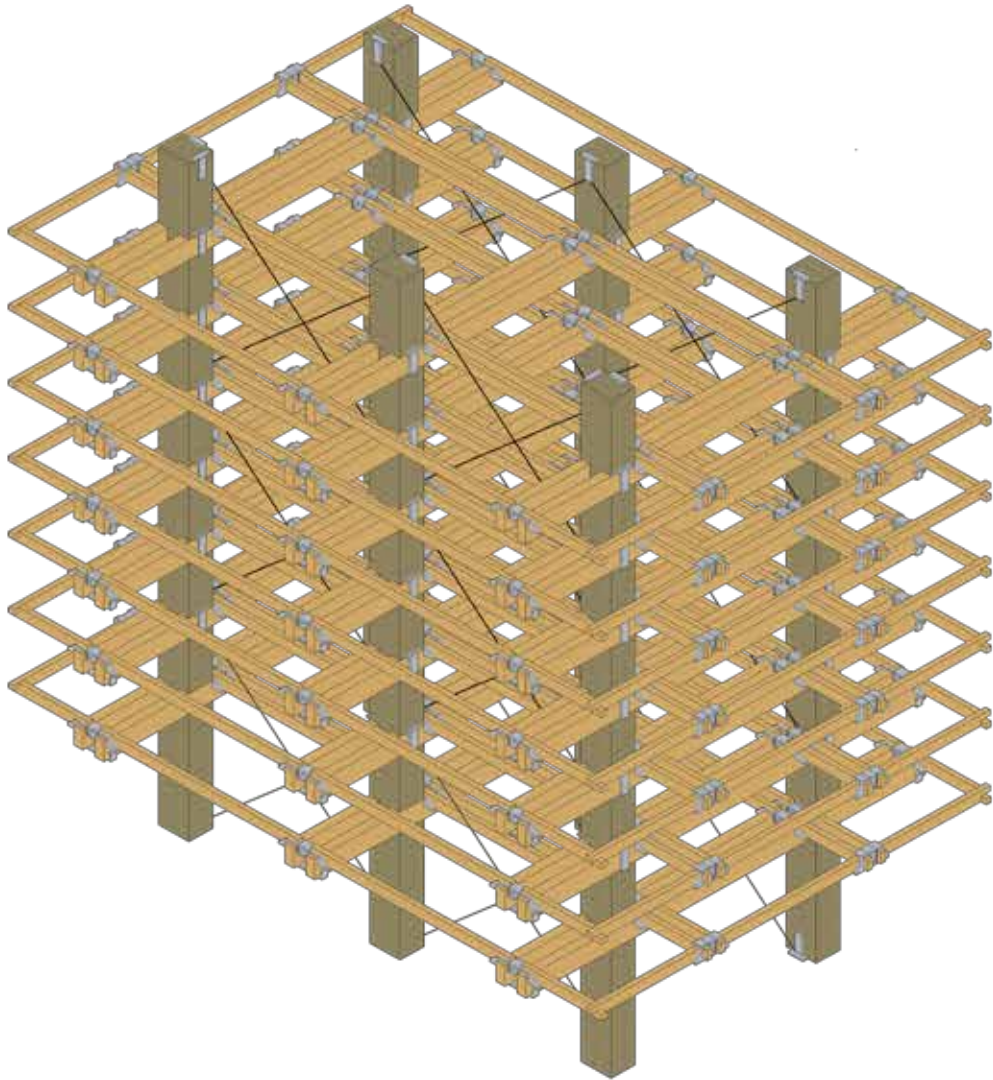


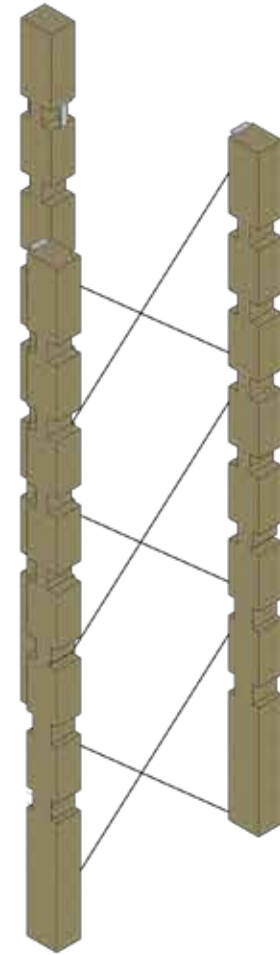
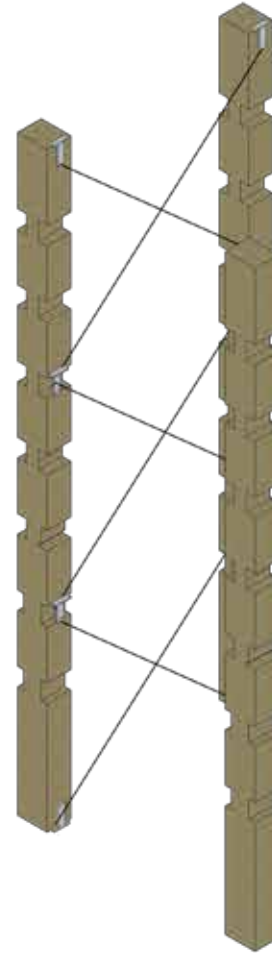
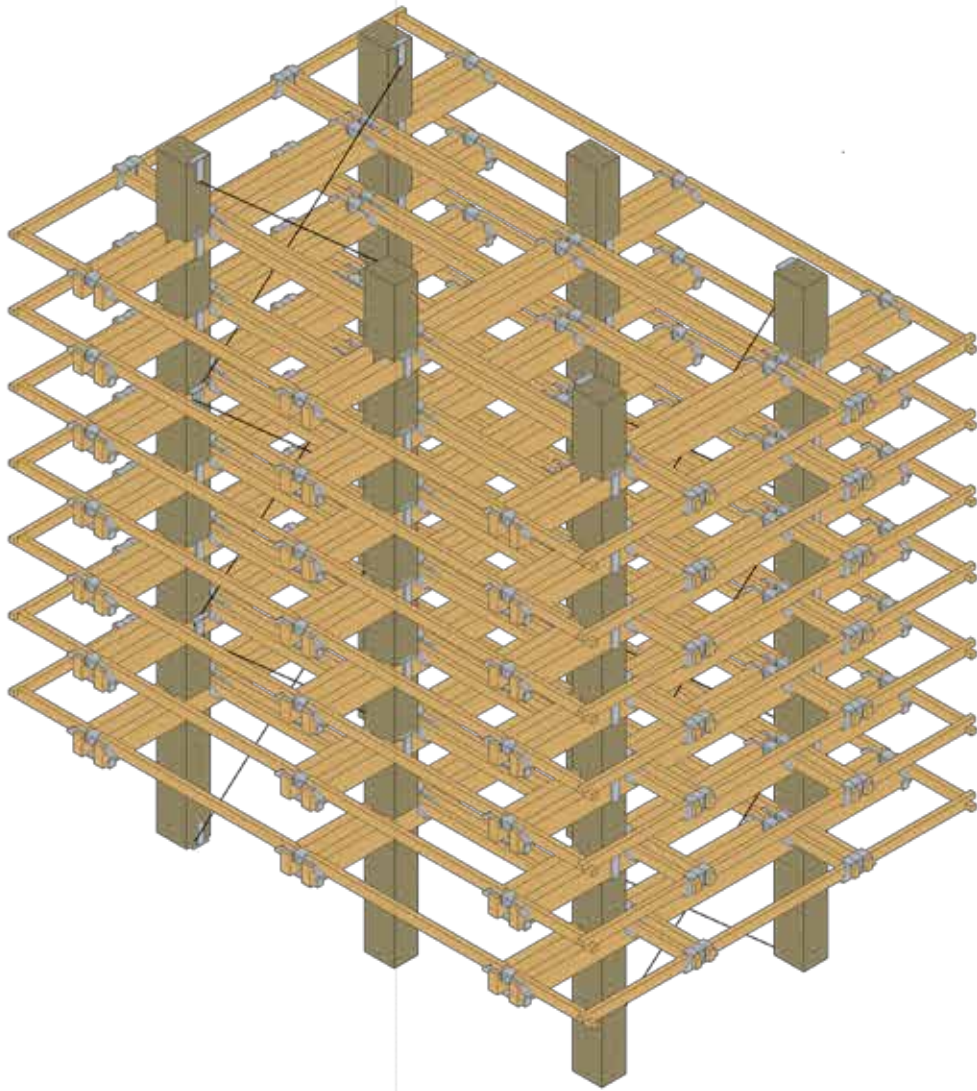


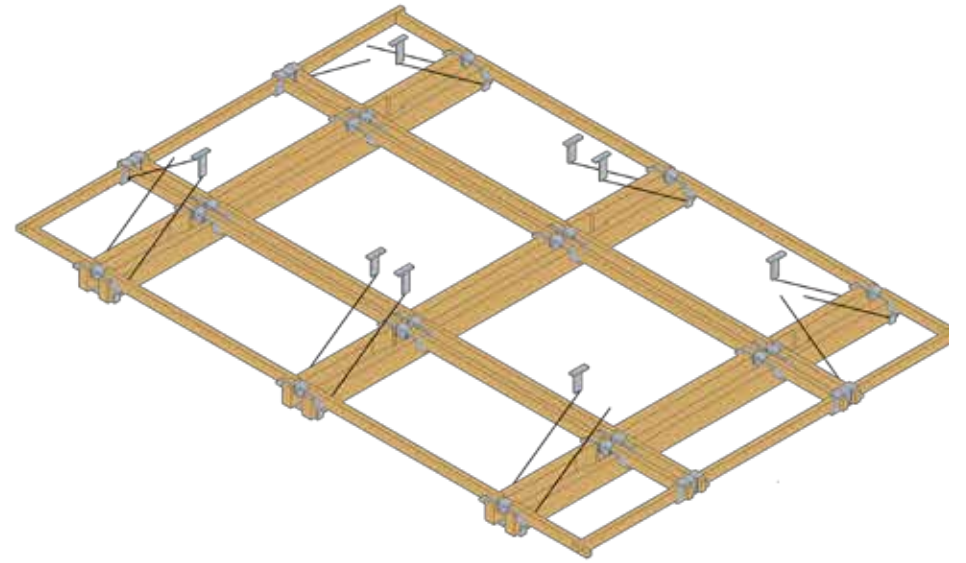
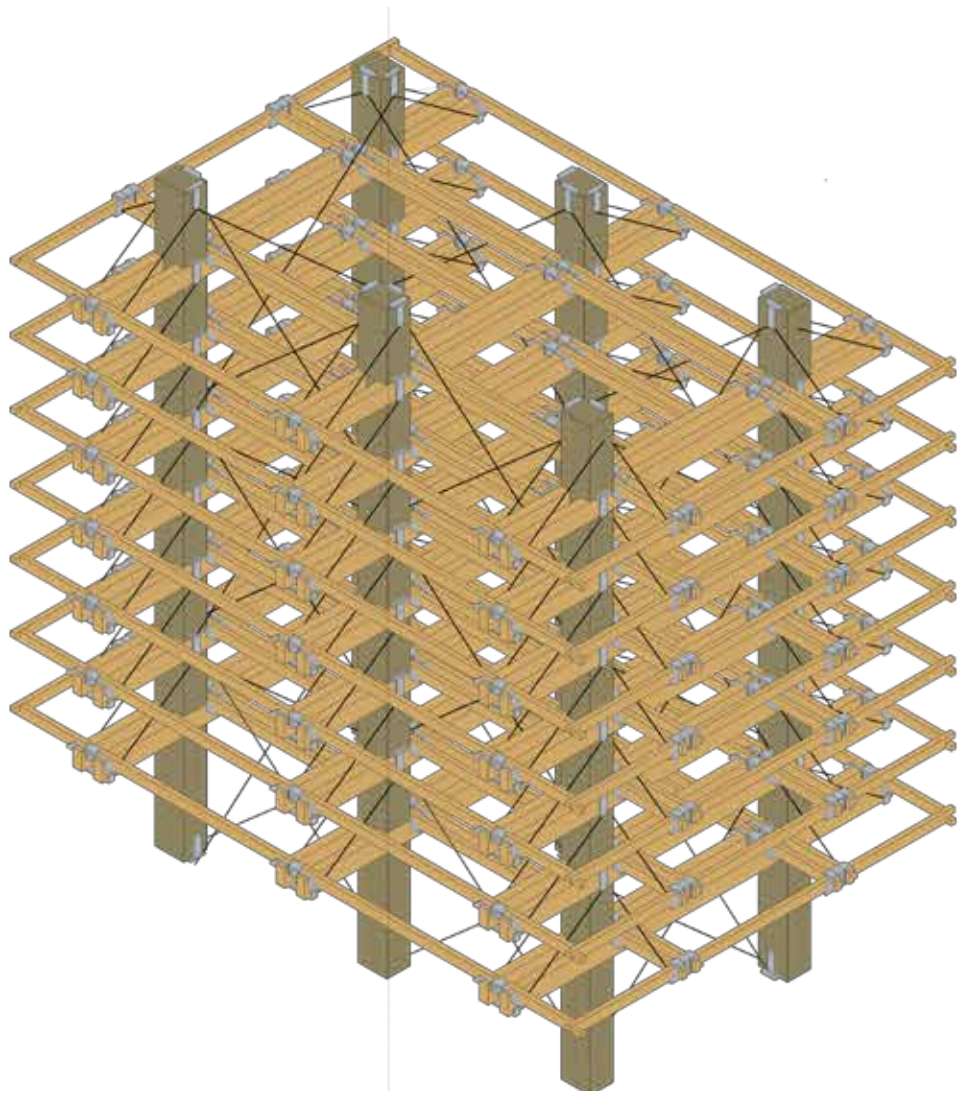


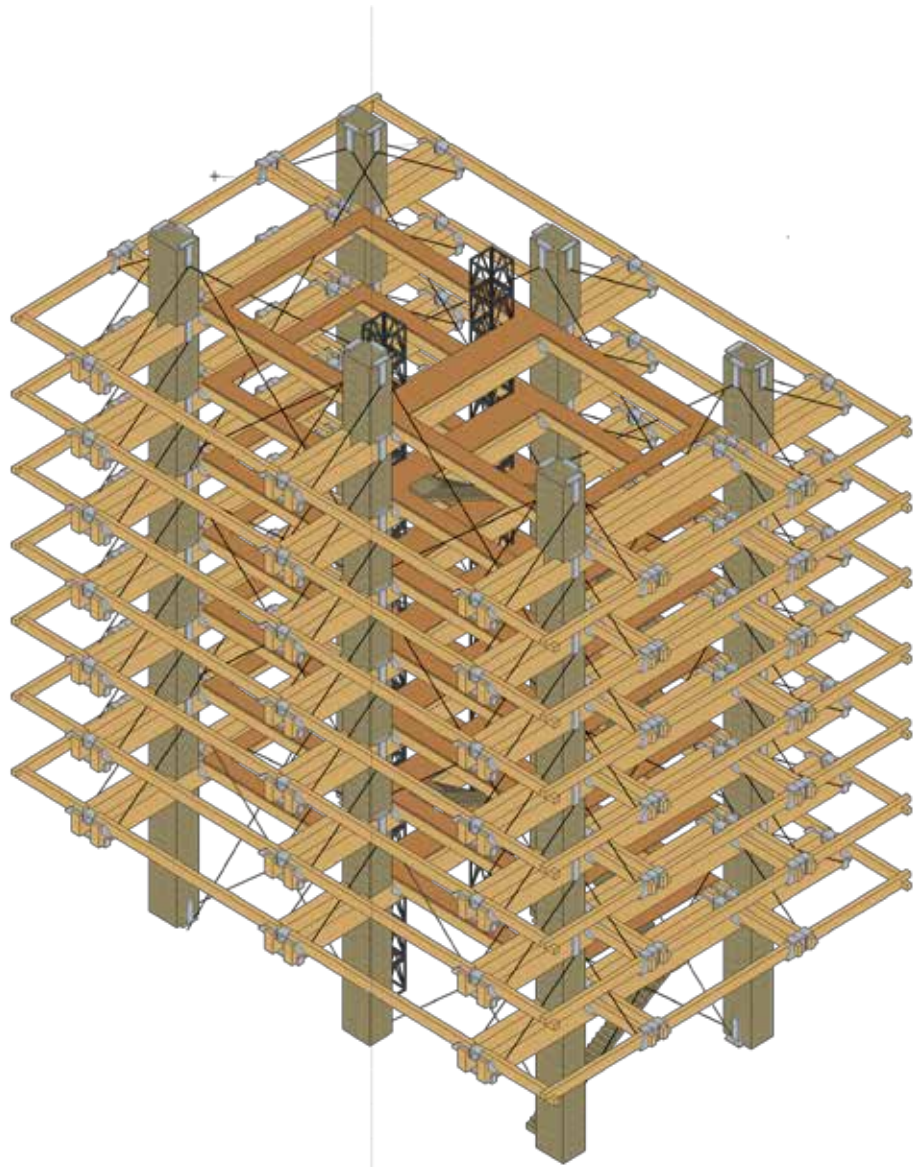


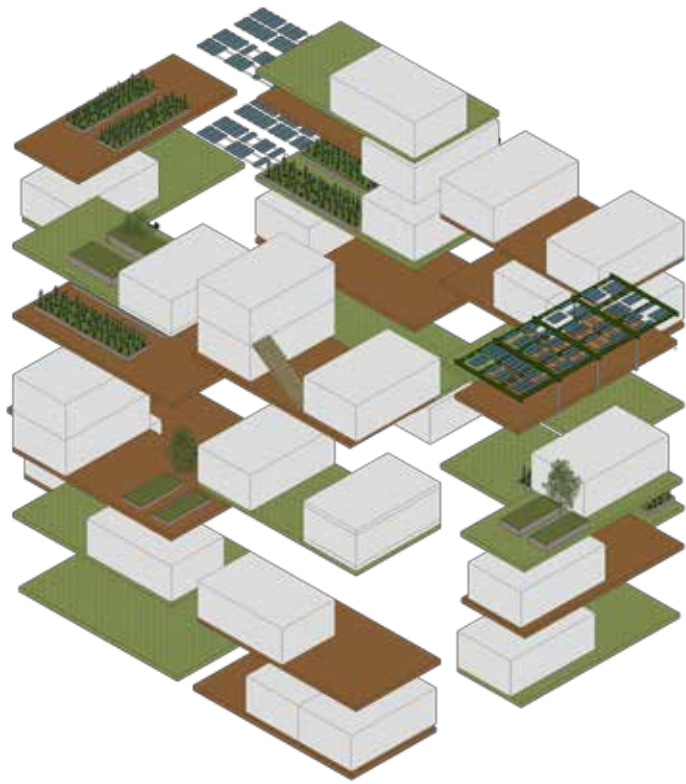


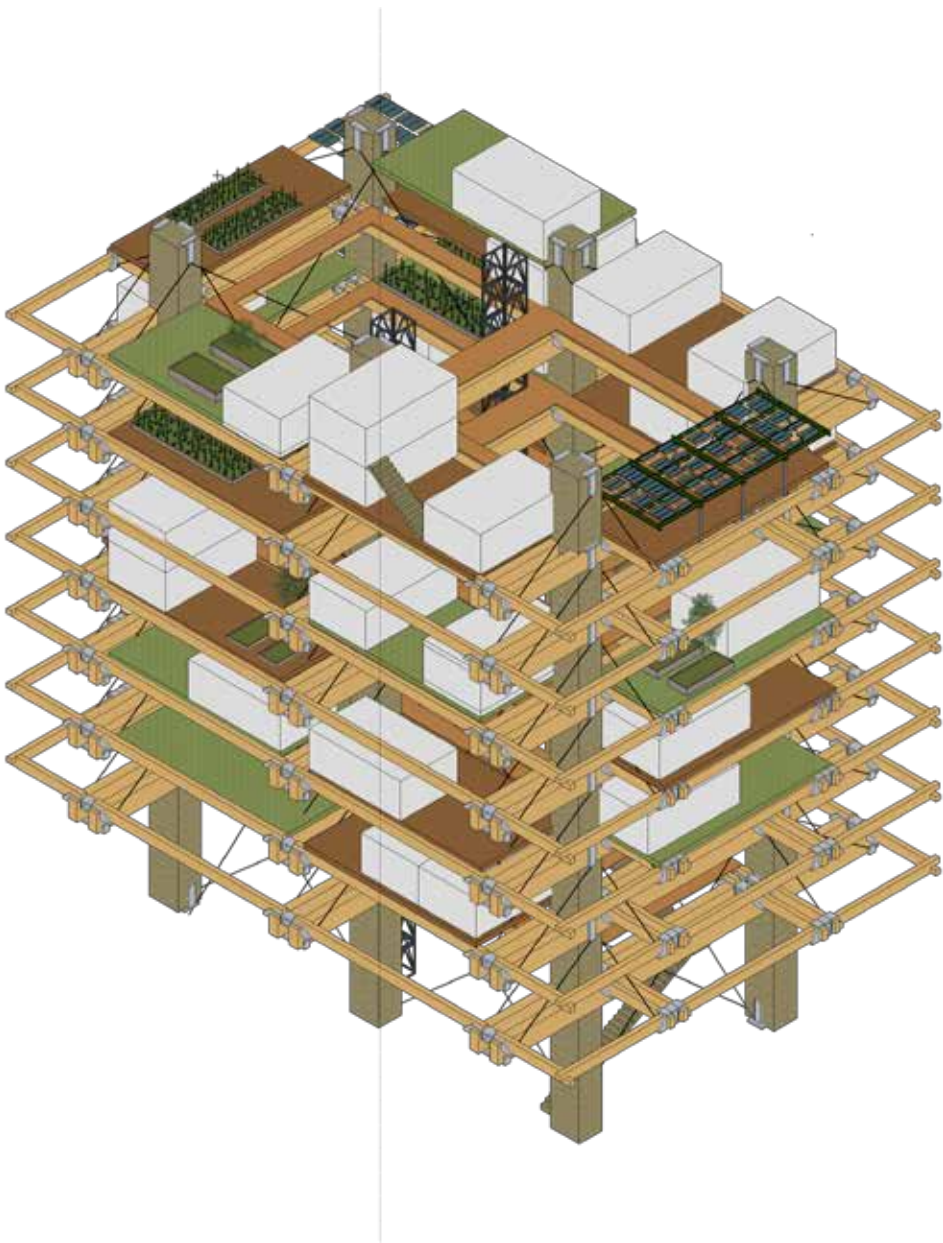


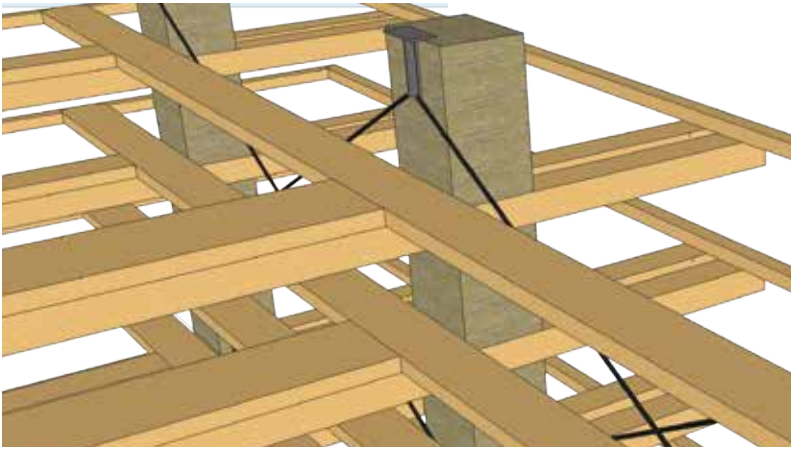












CO₂



growing forest is removing carbon dioxide from the atmosphere



forest becomes a carbon reservoir

manufacture into lumber product



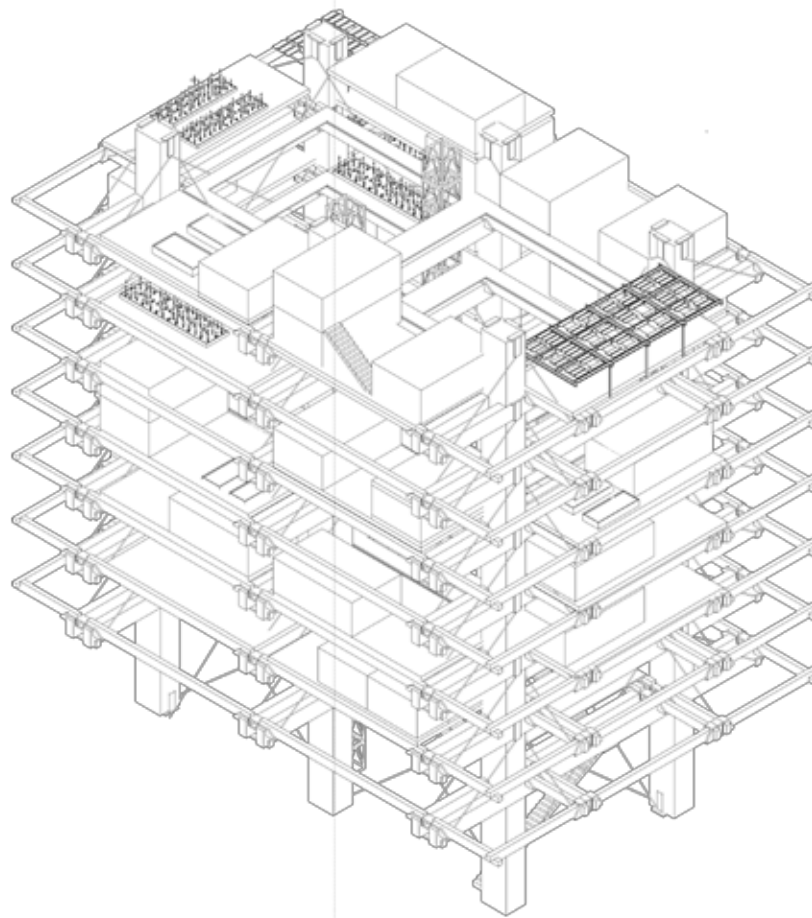
carbon stored in the product

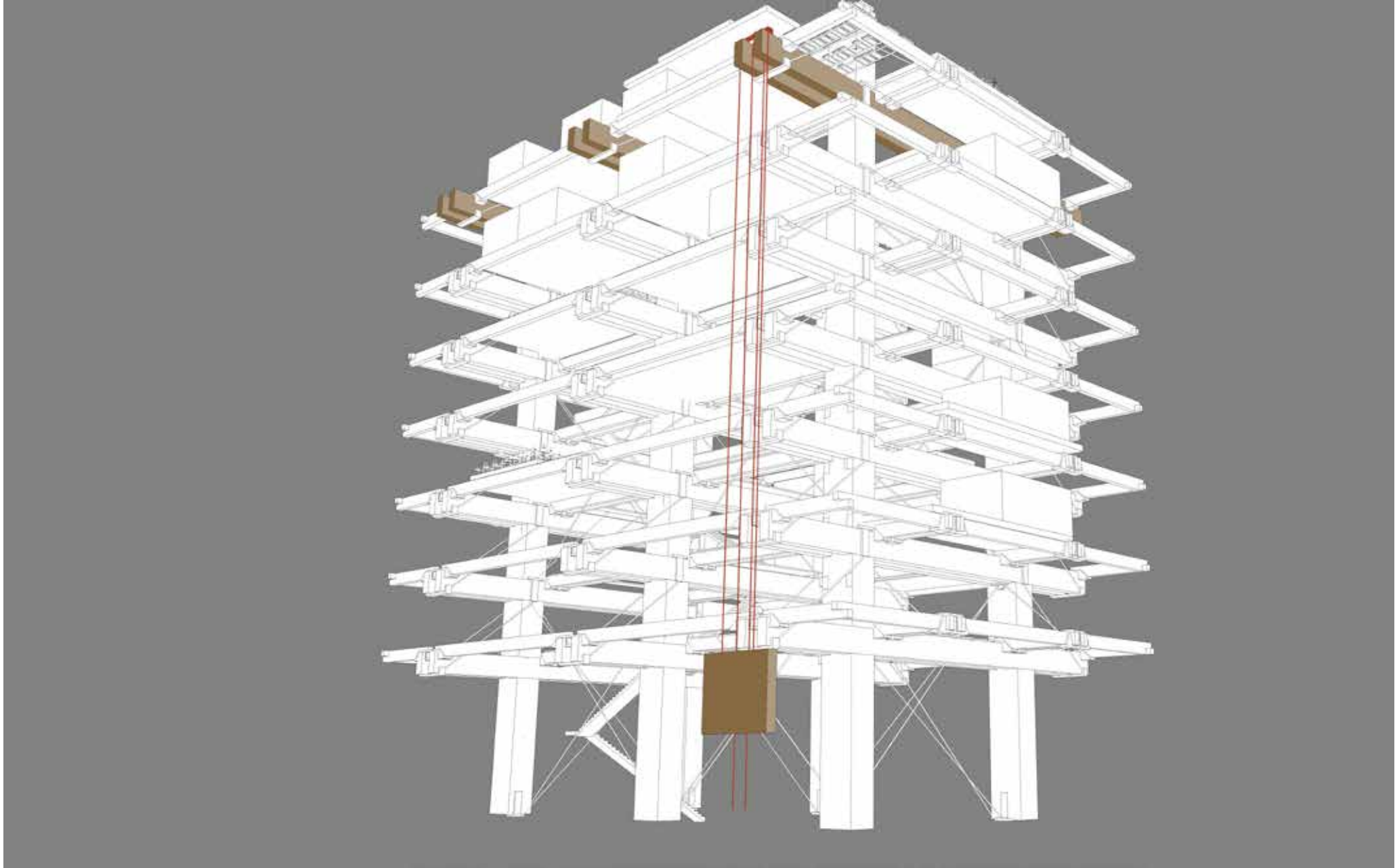


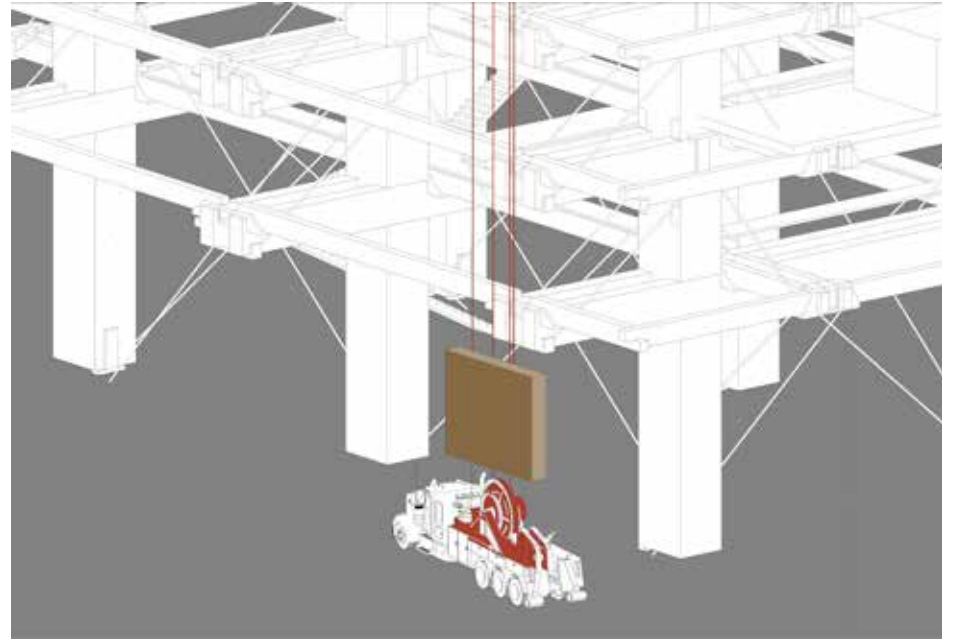
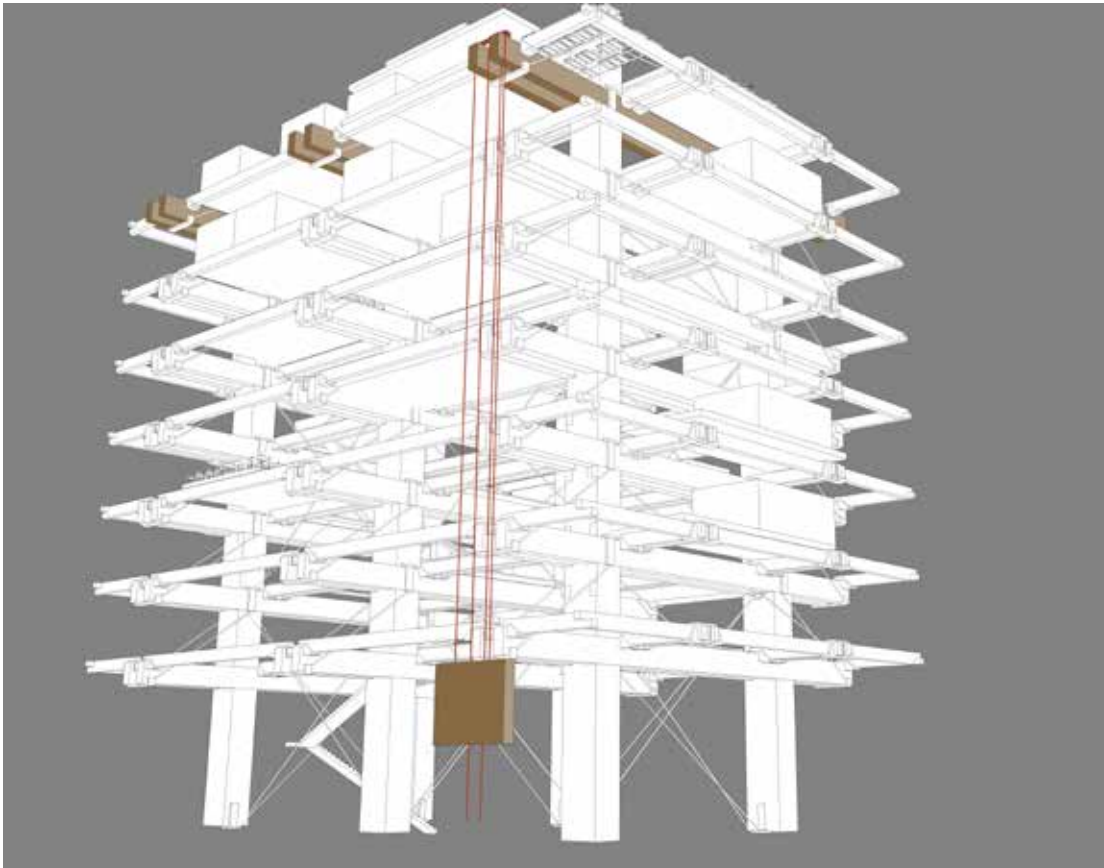
transformation of lumber product to other uses in the end of building's life

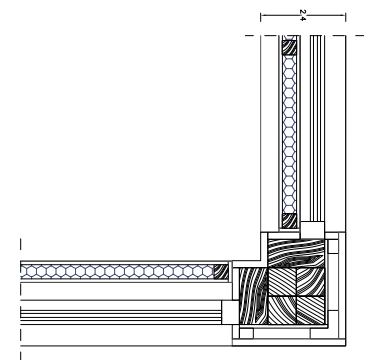
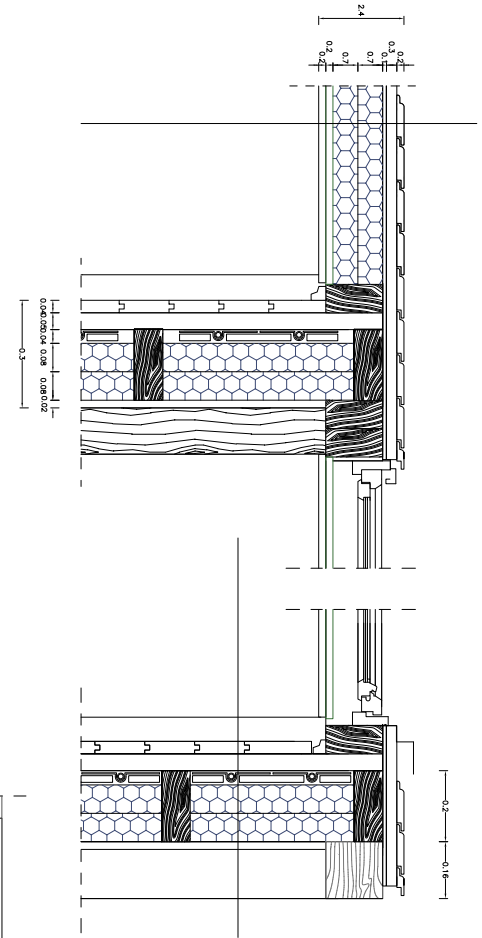
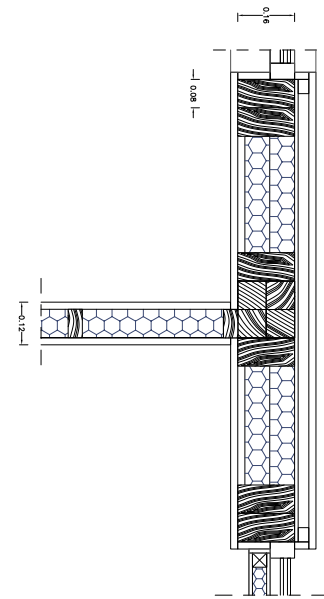
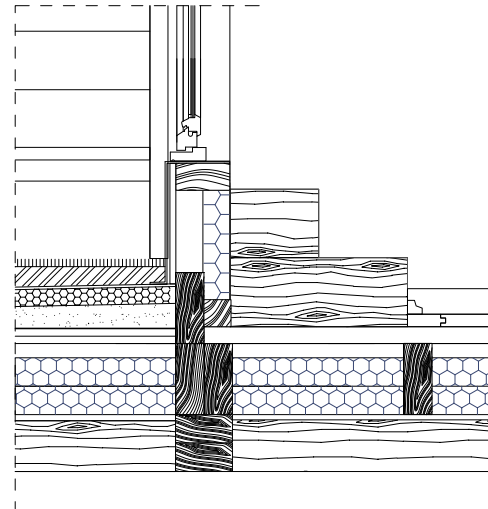
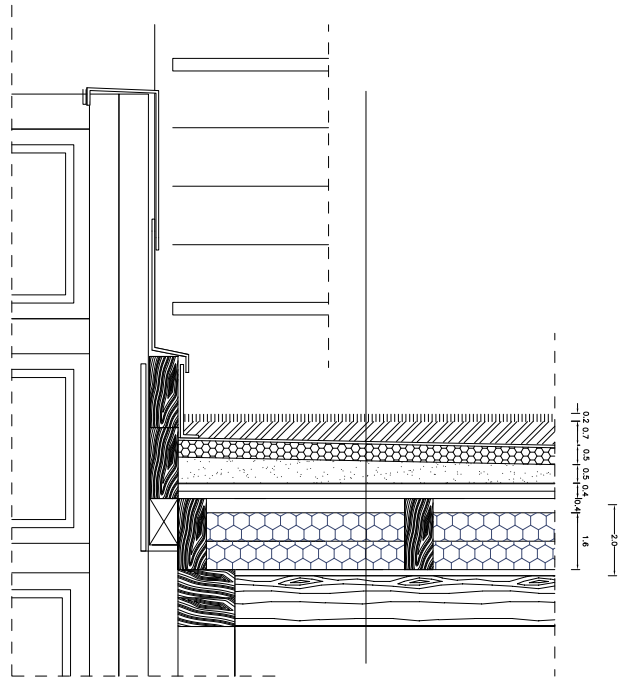
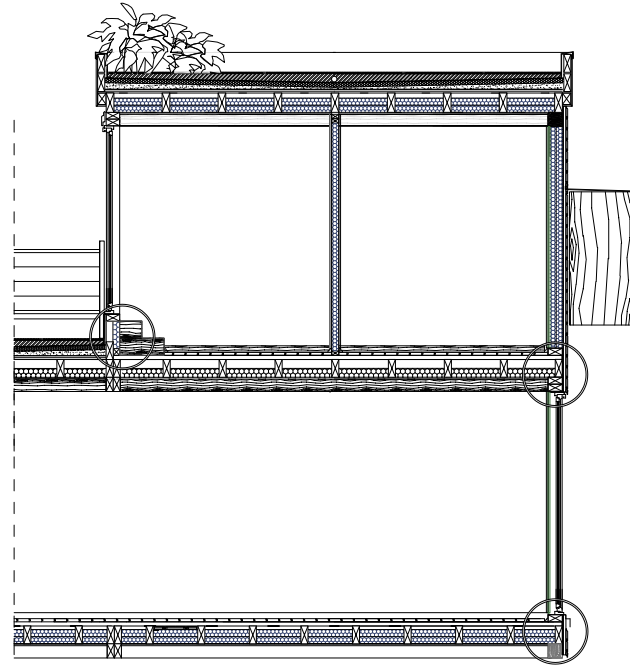
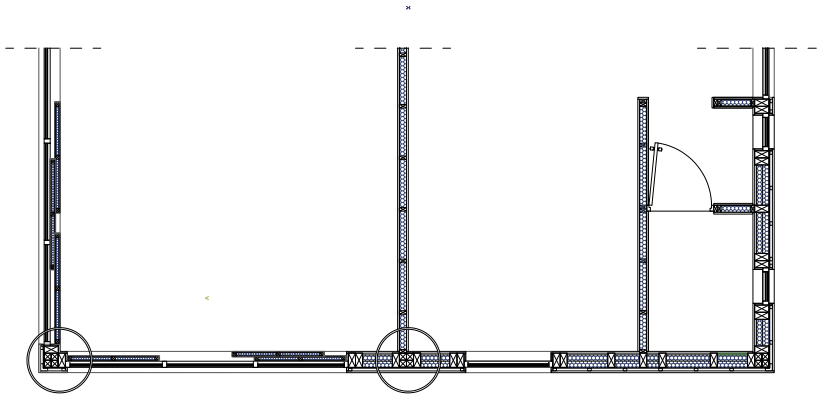


sustainable forest harvesting - every cut down tree is replaced by planting another one



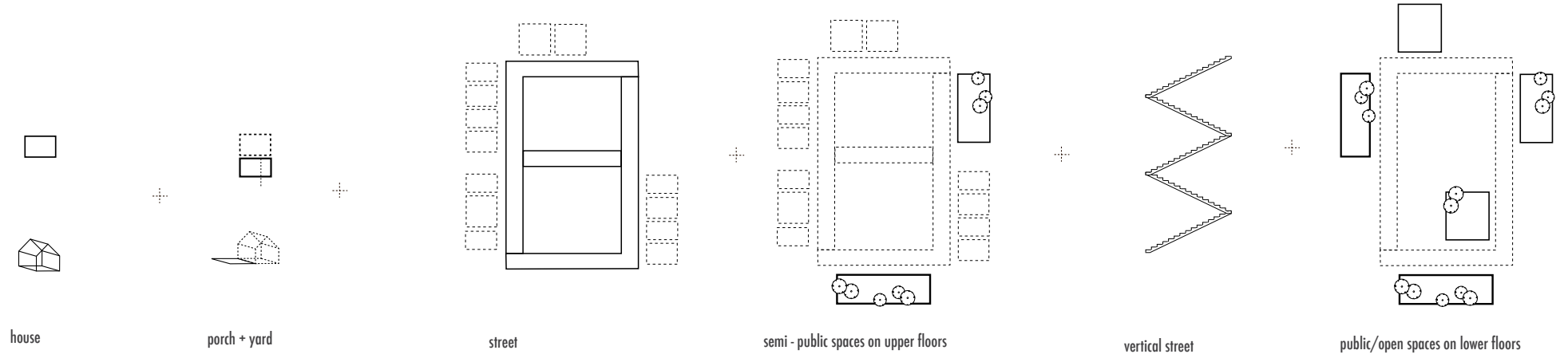
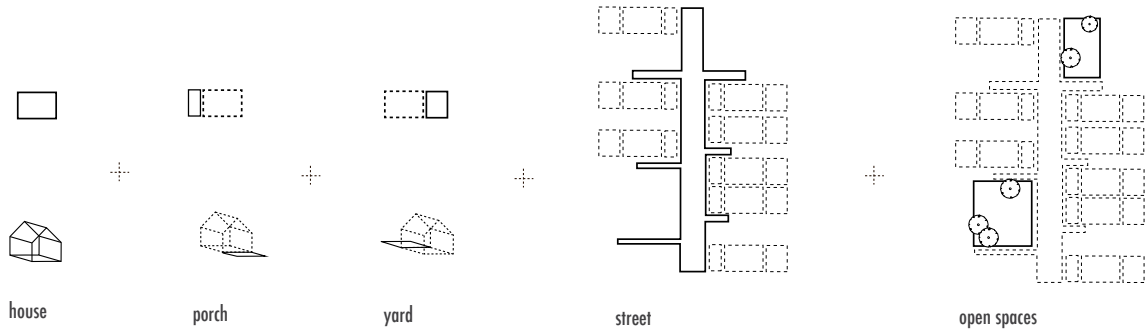






Housing Hybrid
of the 21st century

**New living pattern -
vertical city**





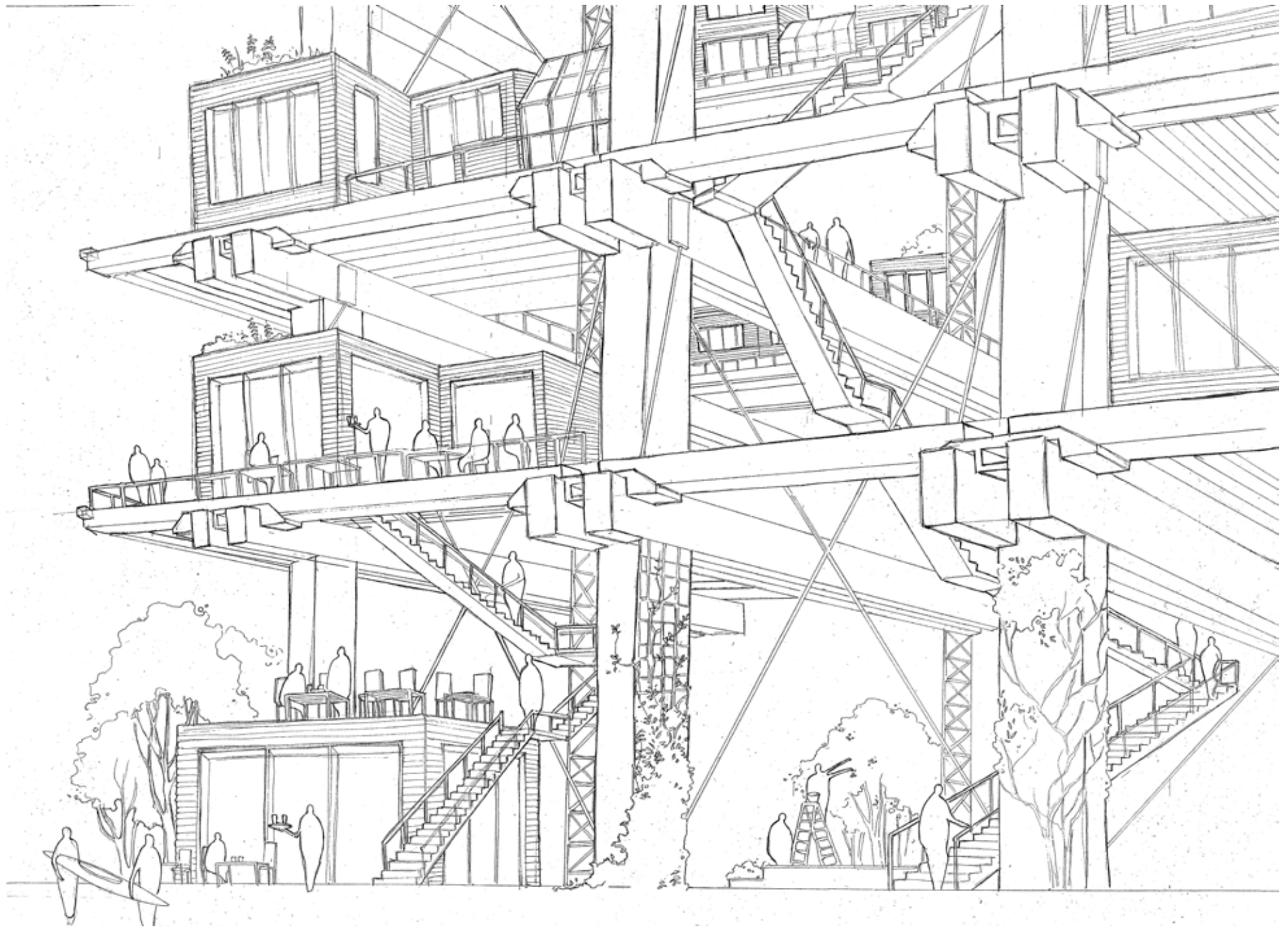
growing in the natural way

dwellings

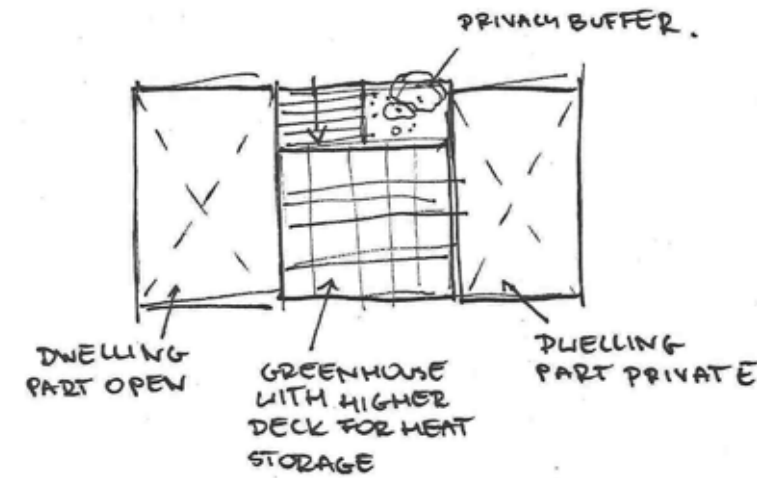
free access to the vertical city

services

leisure

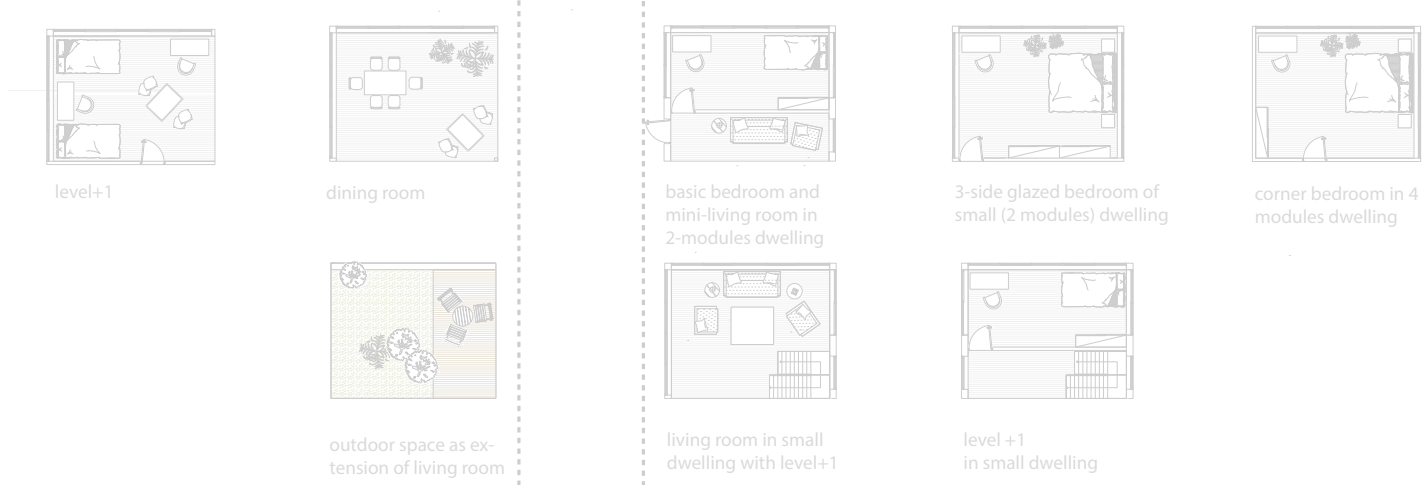




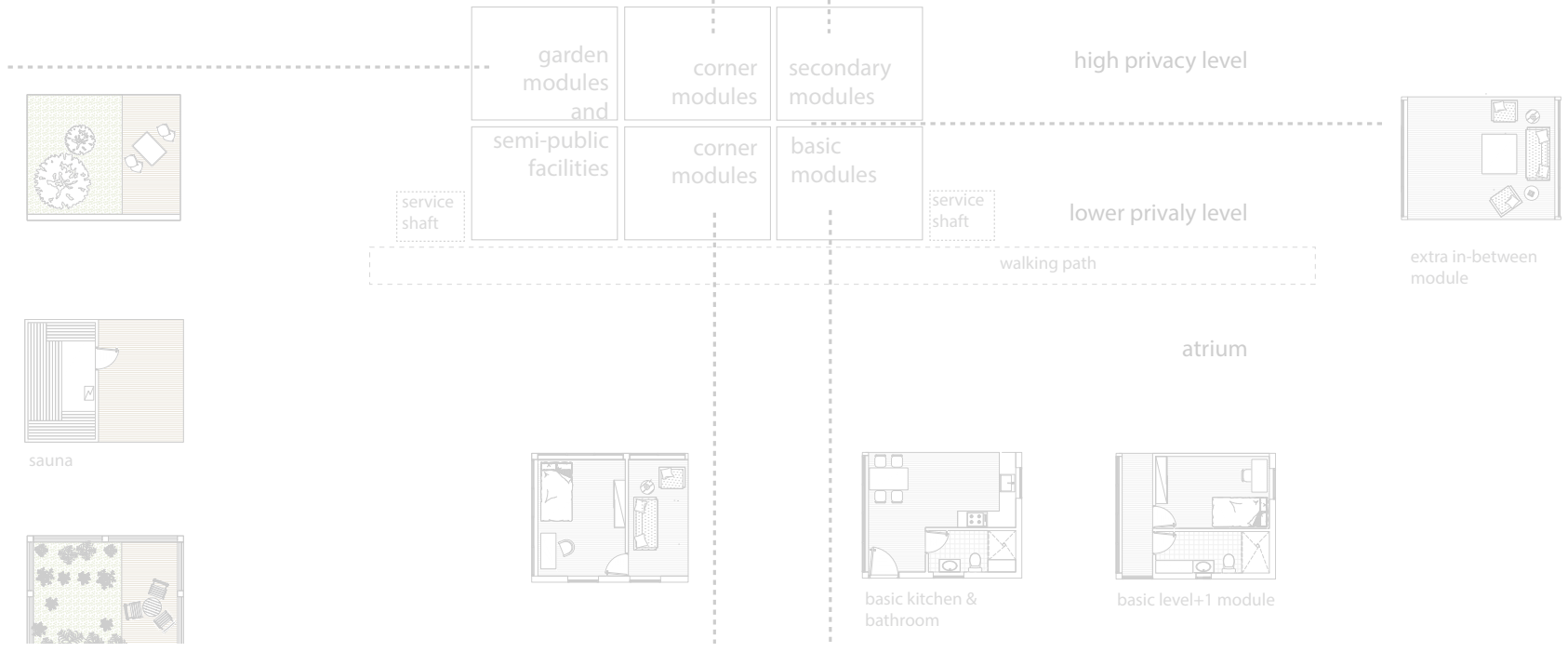


single-house way of living

vertical village



modularity - freedom and guidelines

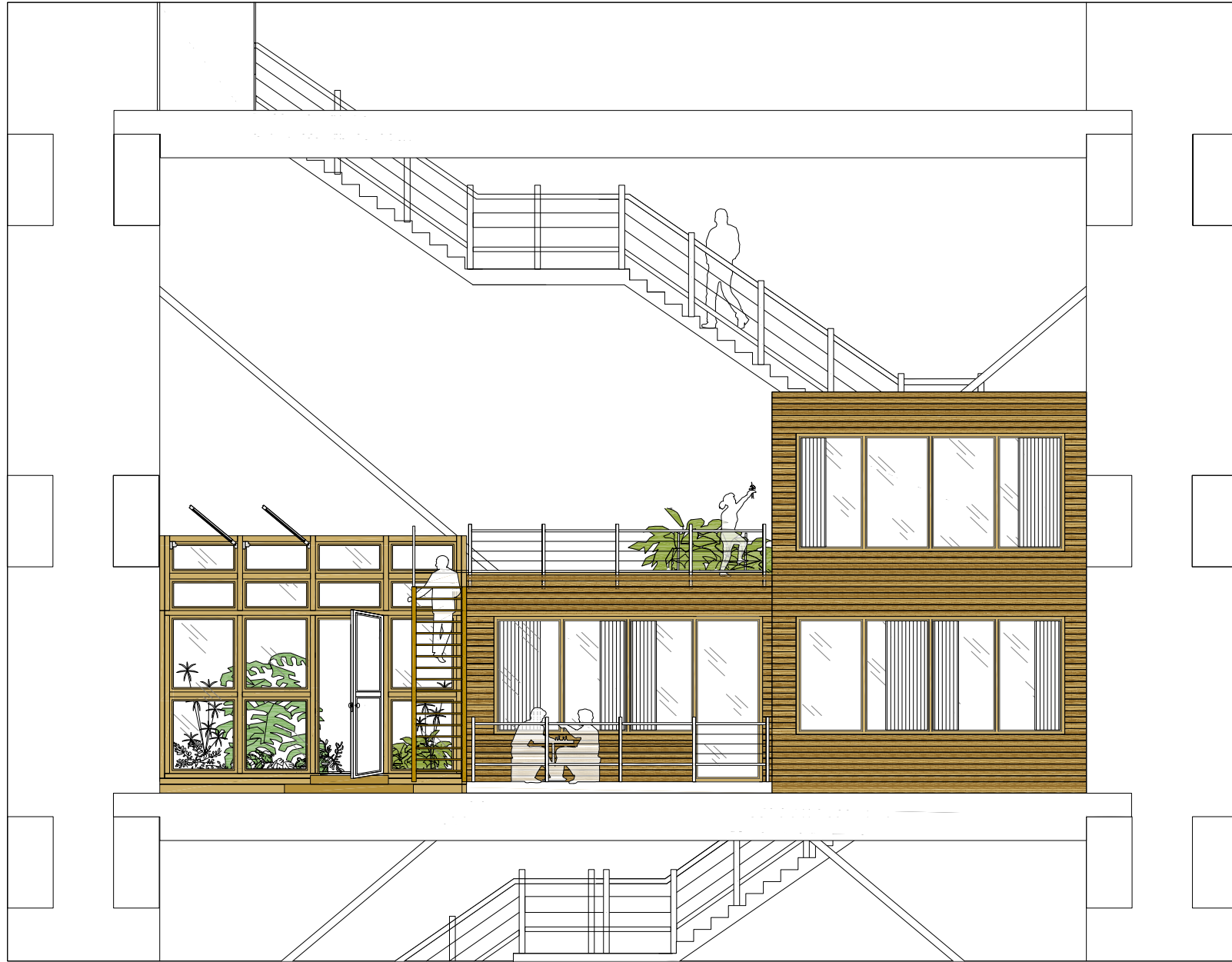


design guidelines

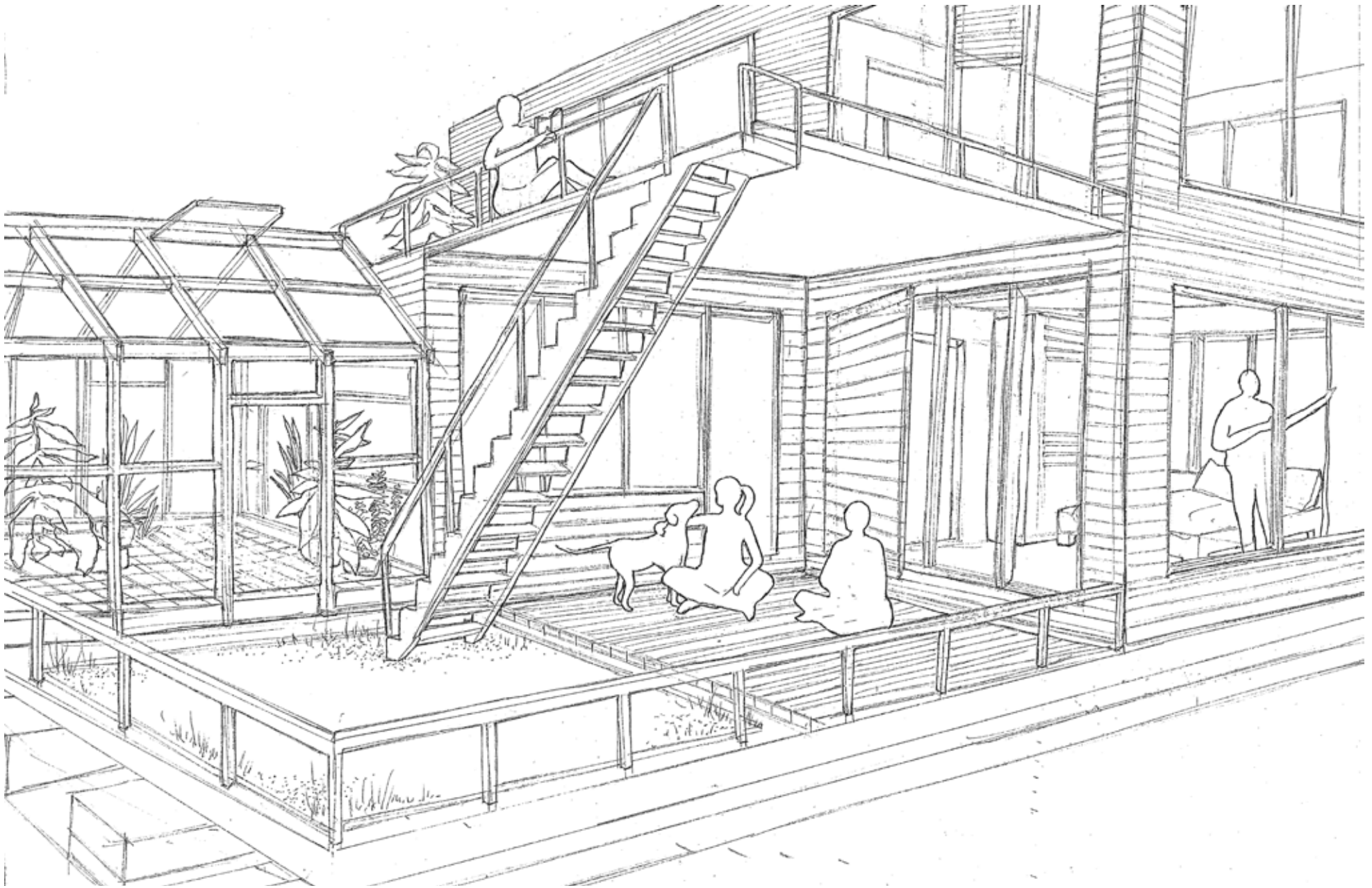
design integrity



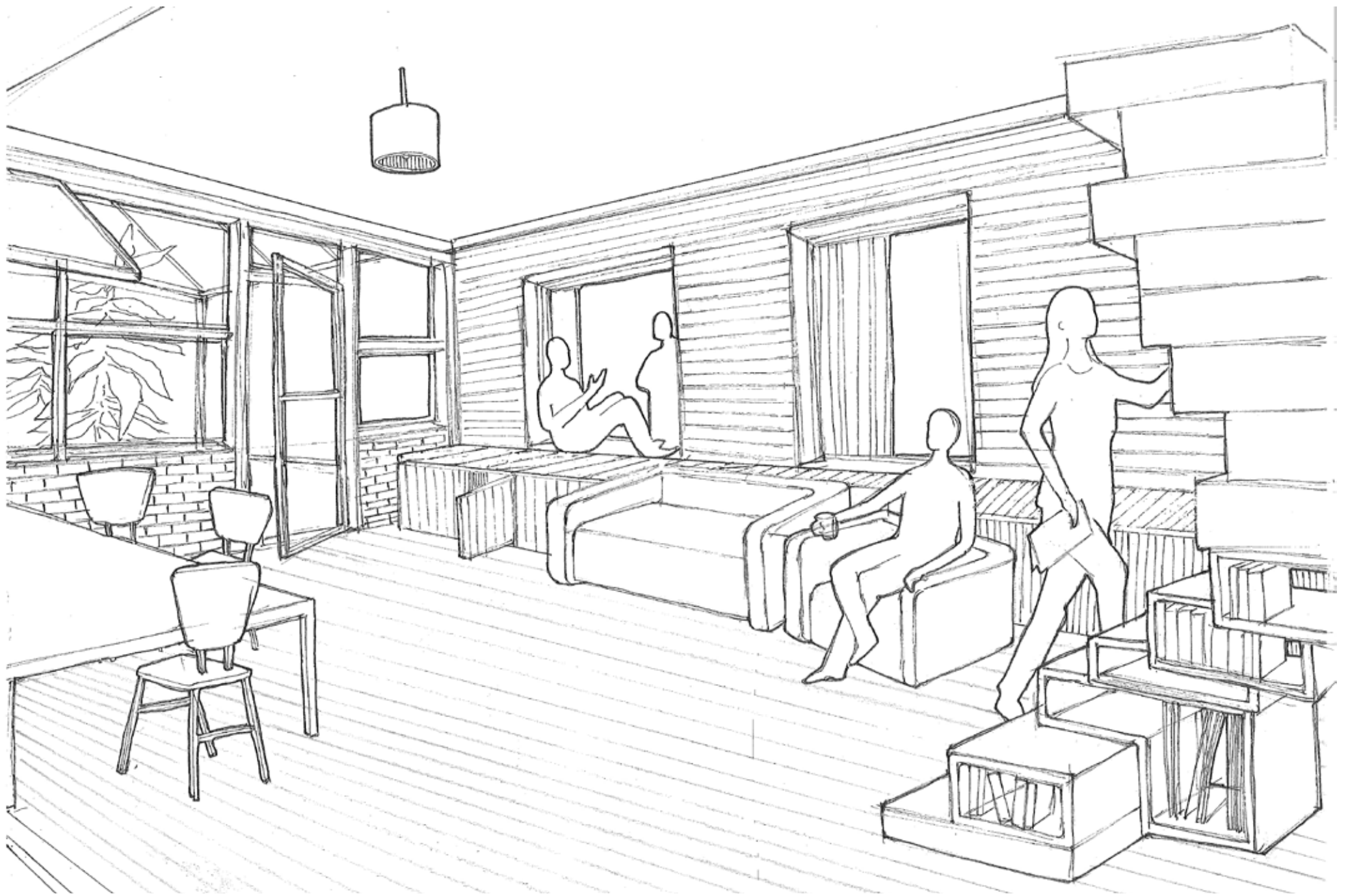
visual opening

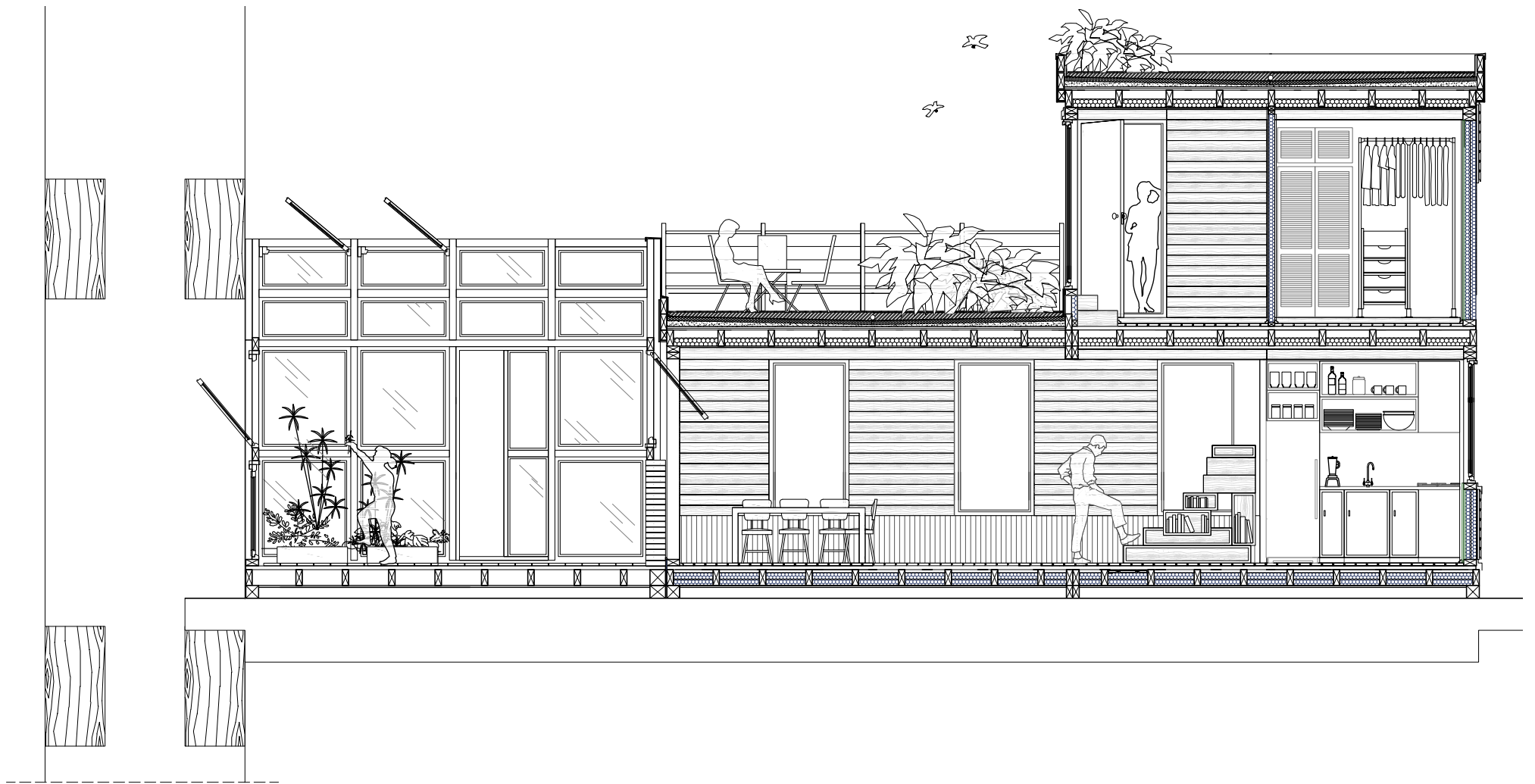


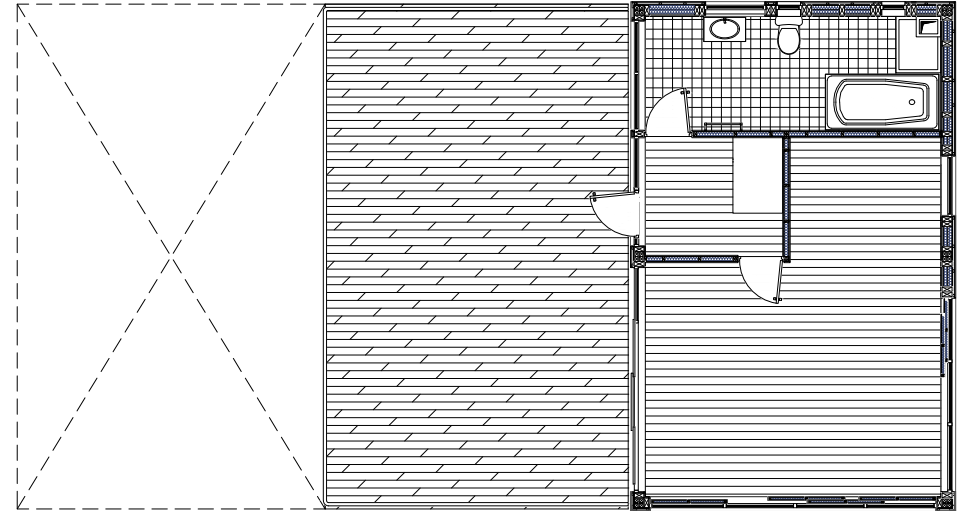
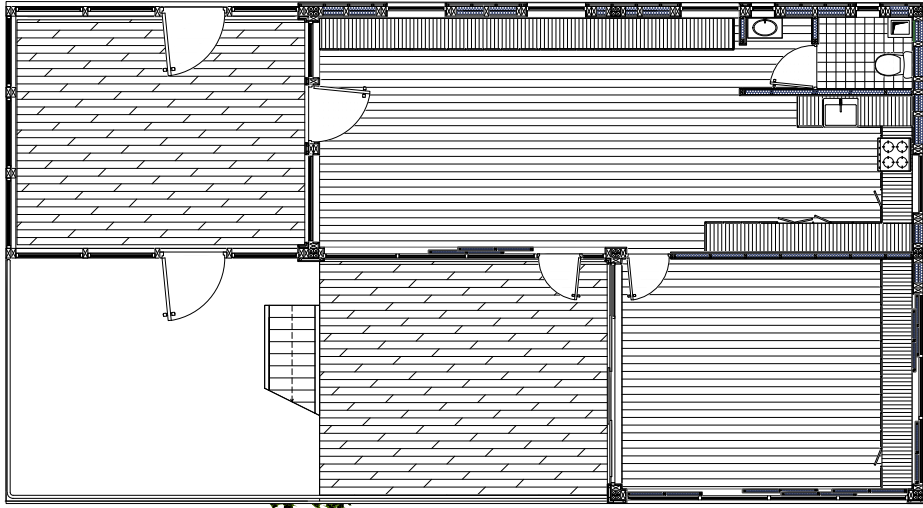
dwelling
120 m2



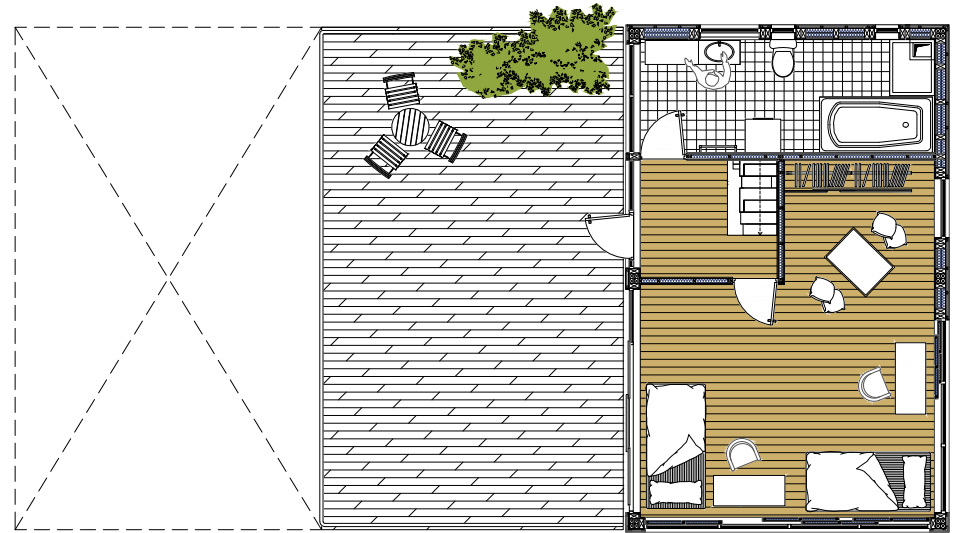
different experience of outdoor spaces











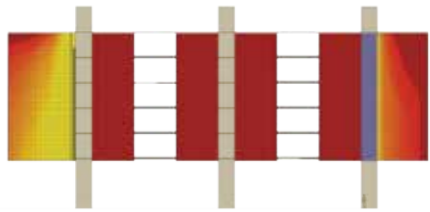
climate guidelines

sustainable performance

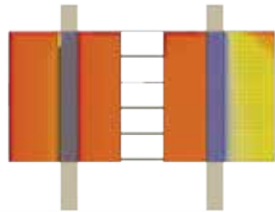


heat collector - greenhouse

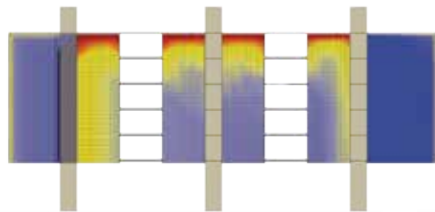




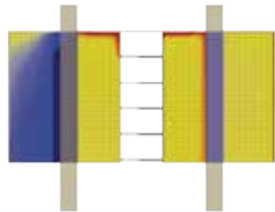
south - west elevation



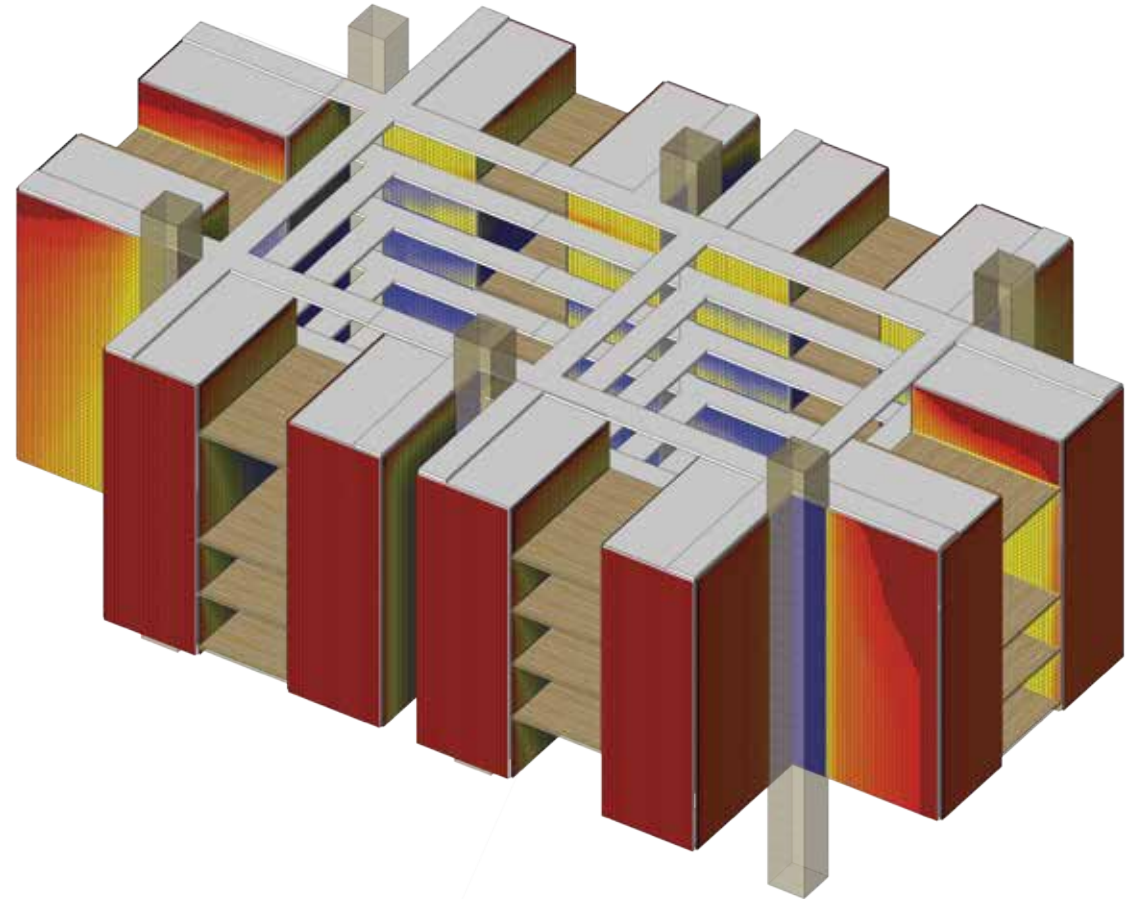
south - east elevation

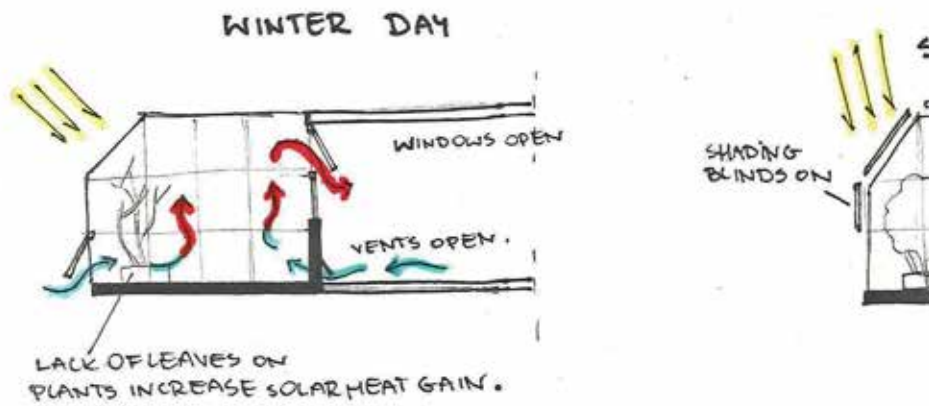
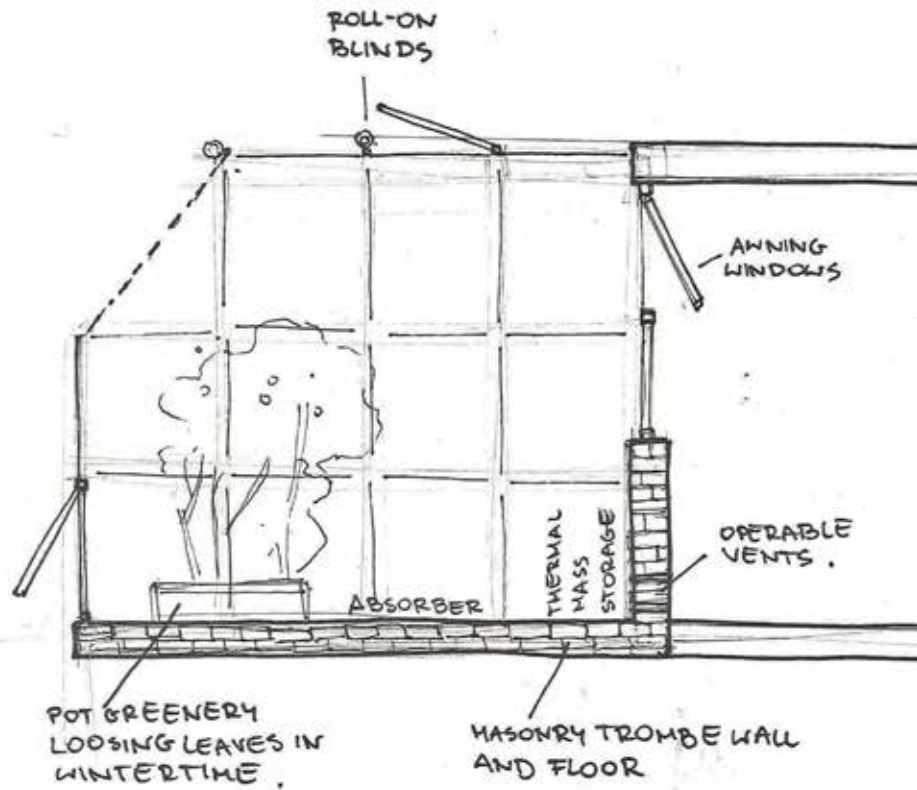


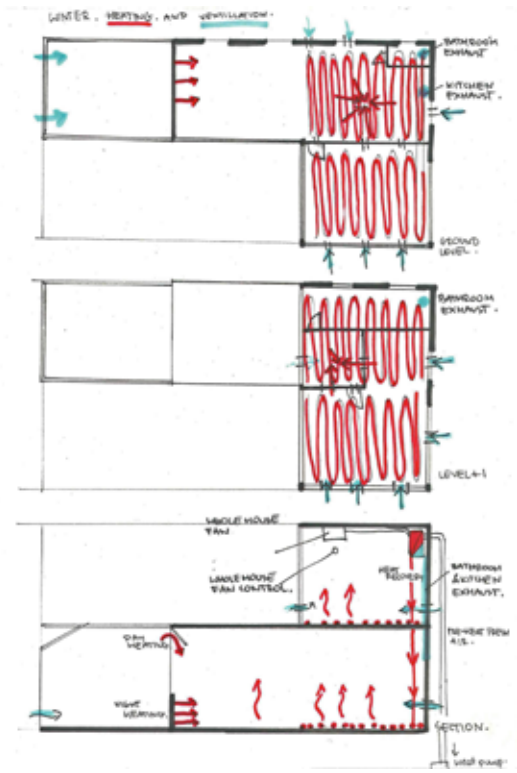
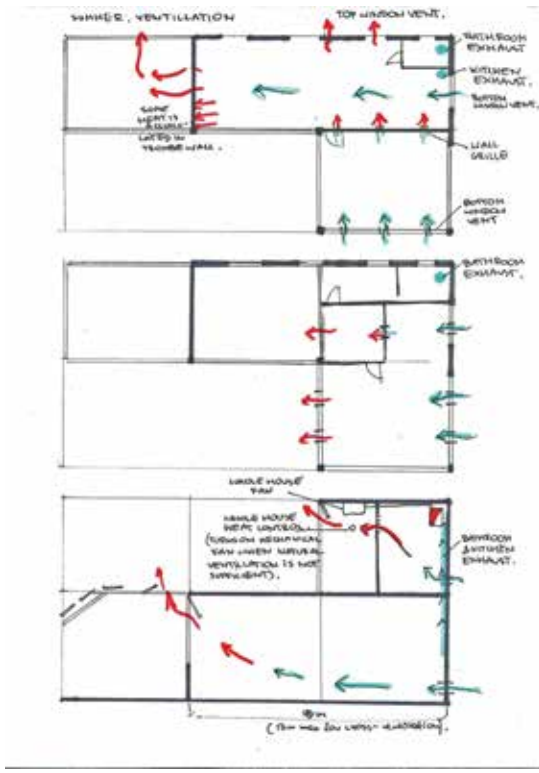
north - east elevation



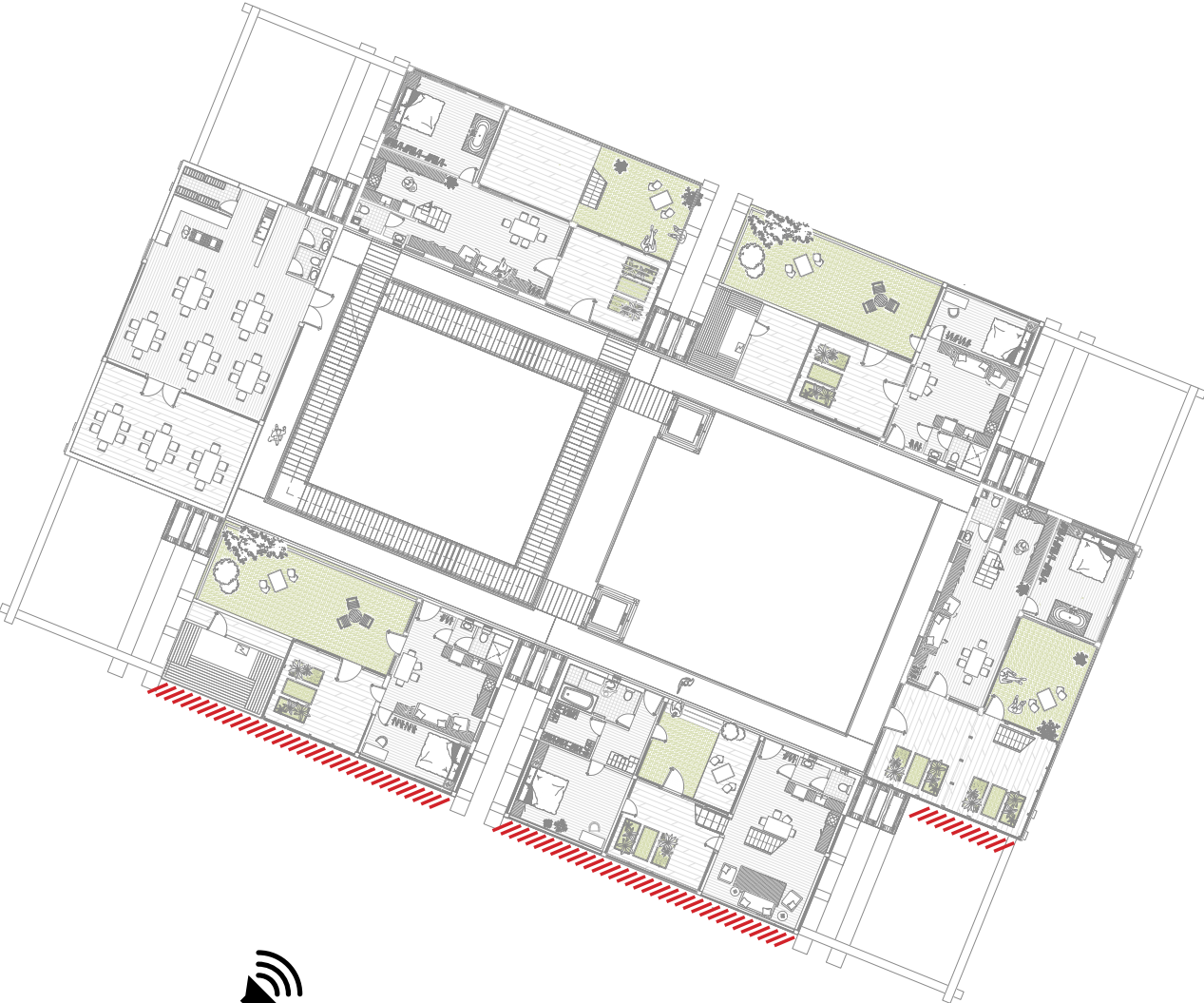
north - west elevation

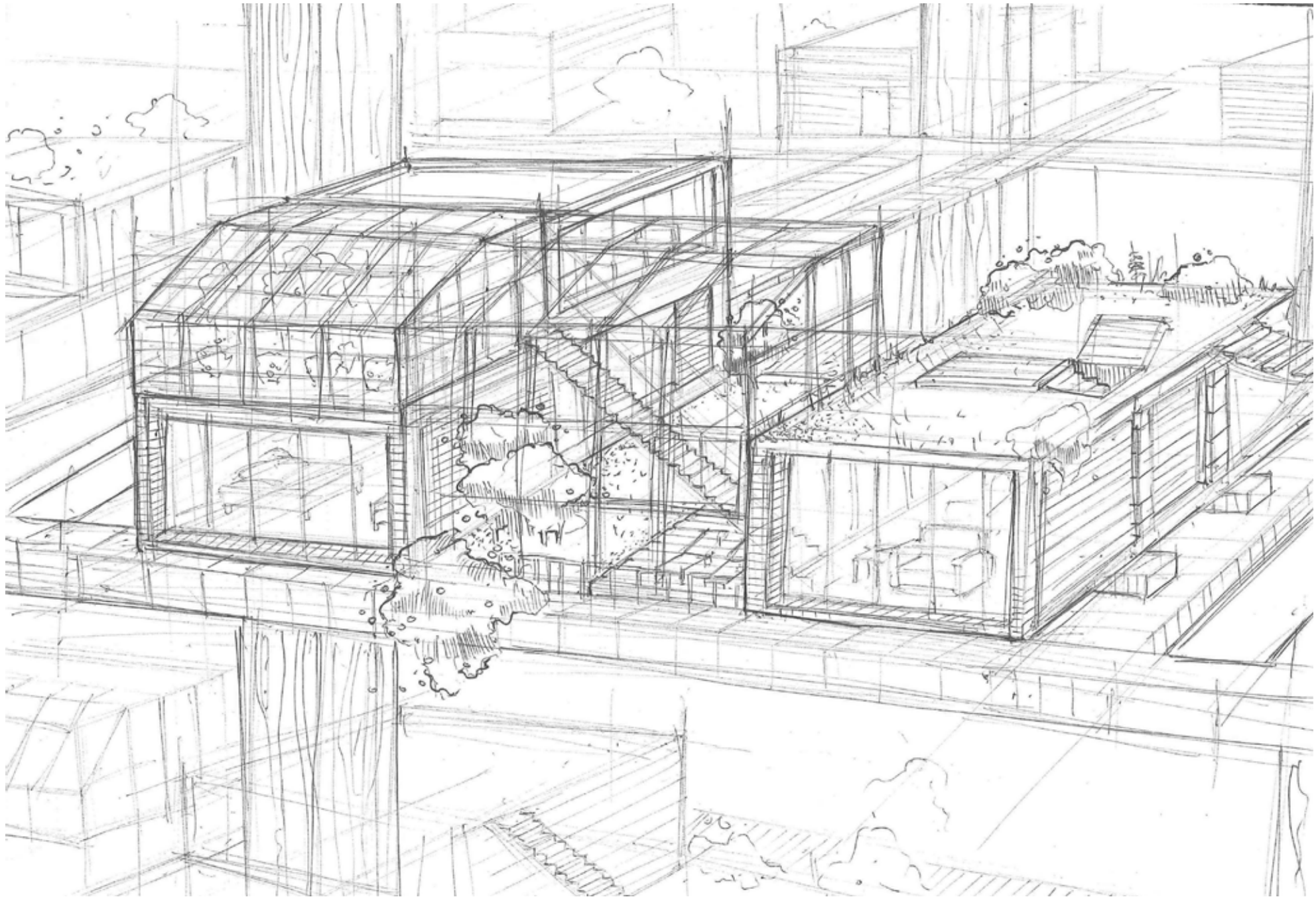


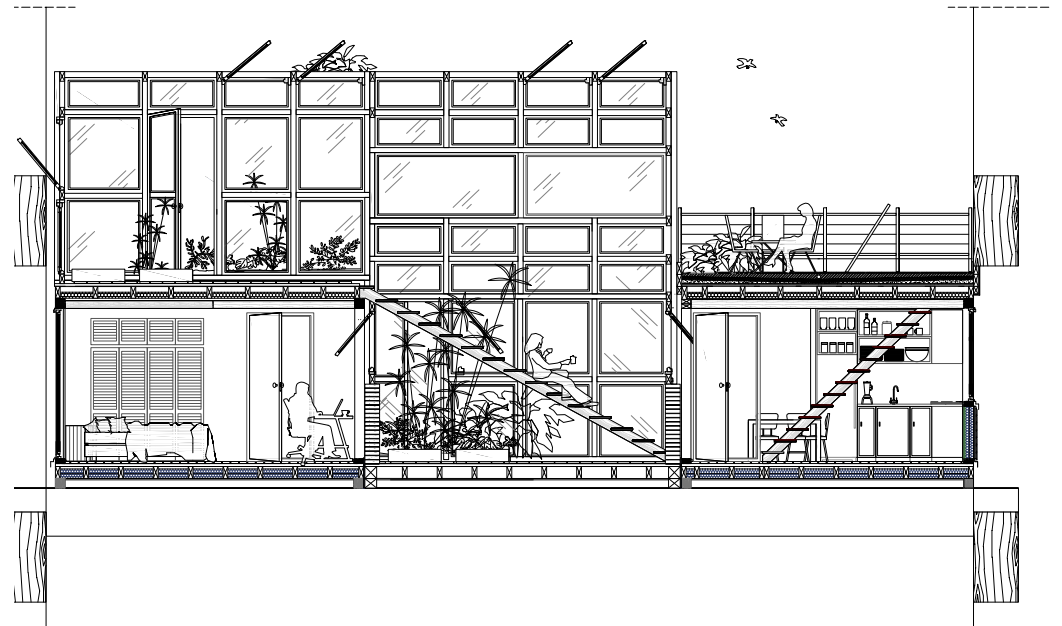
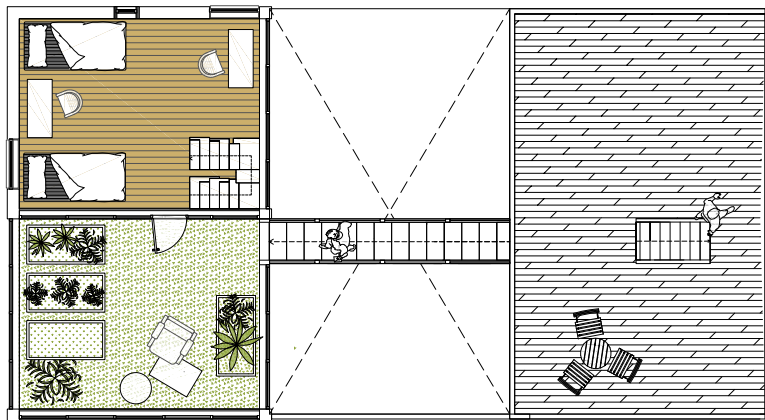
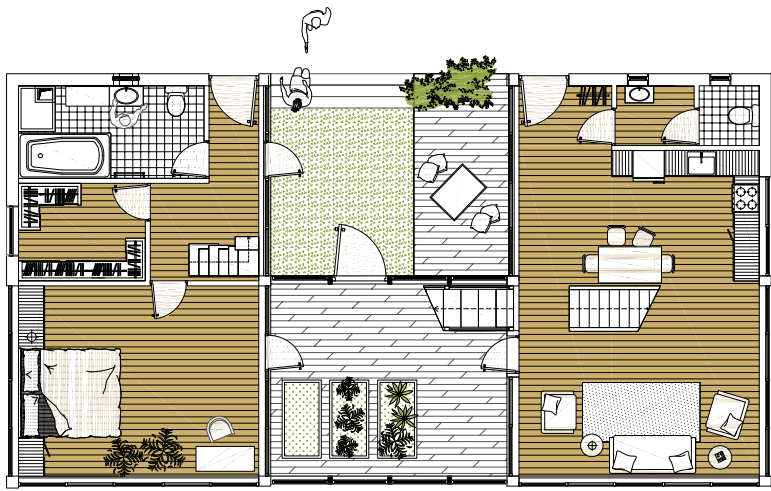




noise buffer









model experience







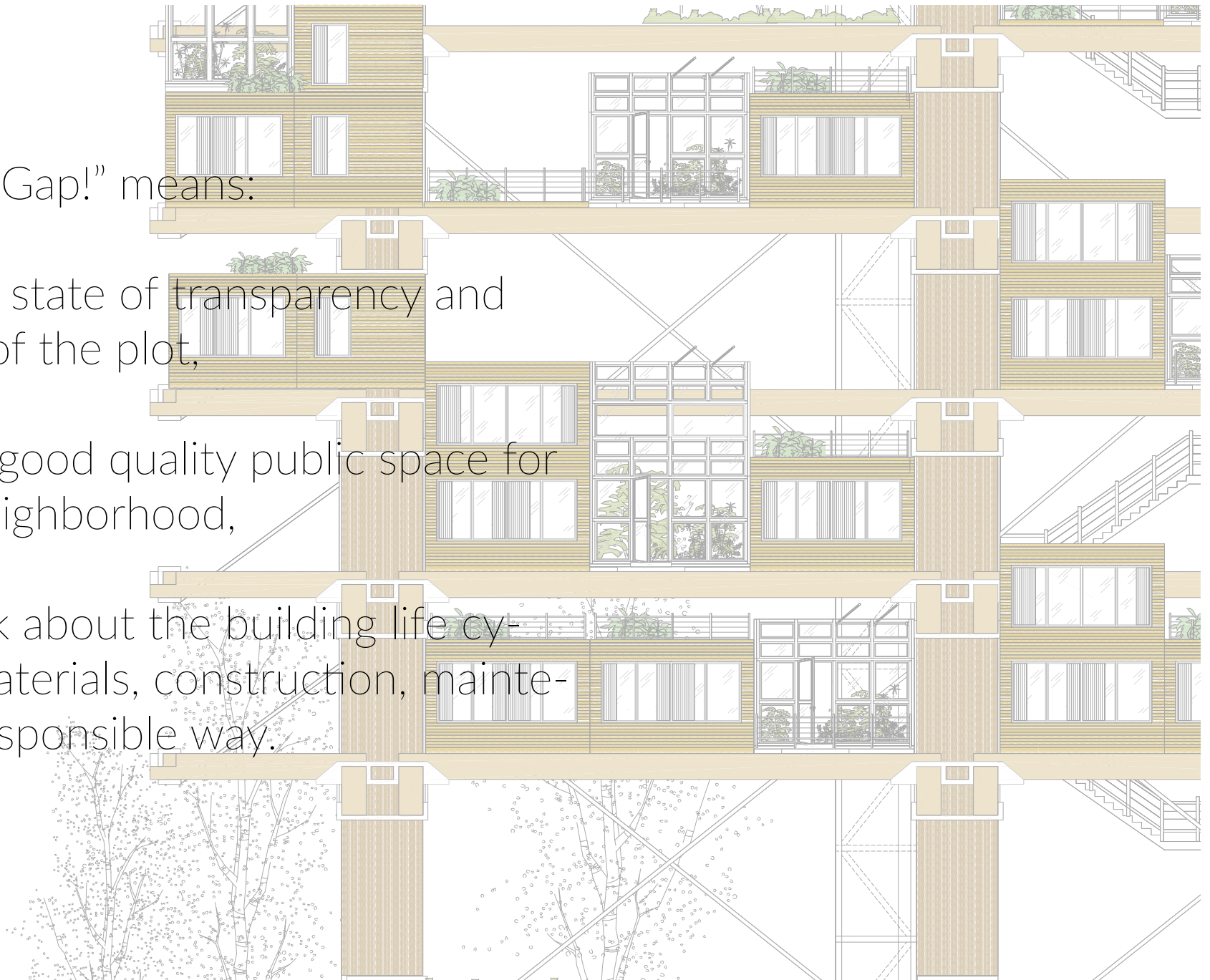






To “Save the Gap!” means:

- to keep the state of transparency and accessibility of the plot,
- to create a good quality public space for the whole neighborhood,
- and to think about the building life cycle, use of materials, construction, maintenance in a responsible way.





thank you!