



POLIS OF EYDAIMONIA

A place of freedom

Mentors: Robert Nottrot, Nicola Marzot, Jan van de Voort
External examiner: Daan Vitner





Artist: Hanne Van Derwoude

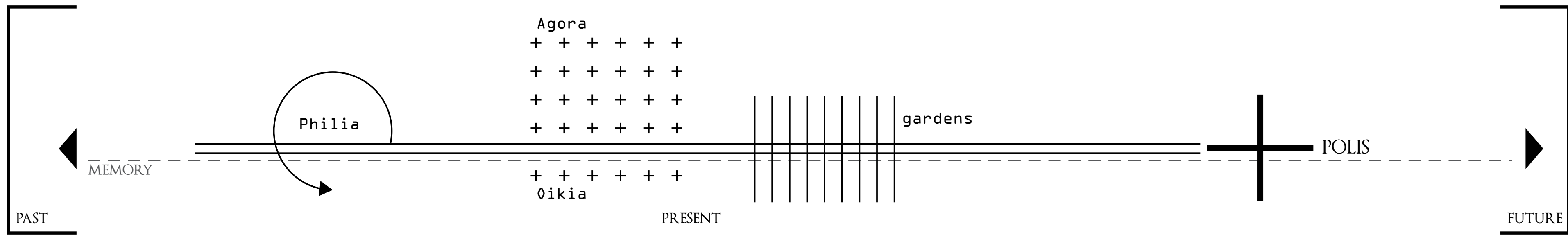
CONTENT:

Research outcomes

Autarky community

Place of Eudaimonia

Claim of freedom





CONTENT:

Research outcomes

Autarky community

Place of Eudaimonia

Claim of freedom

CONTENT:

Research outcomes

Autarky community

Place of Eudaimonia

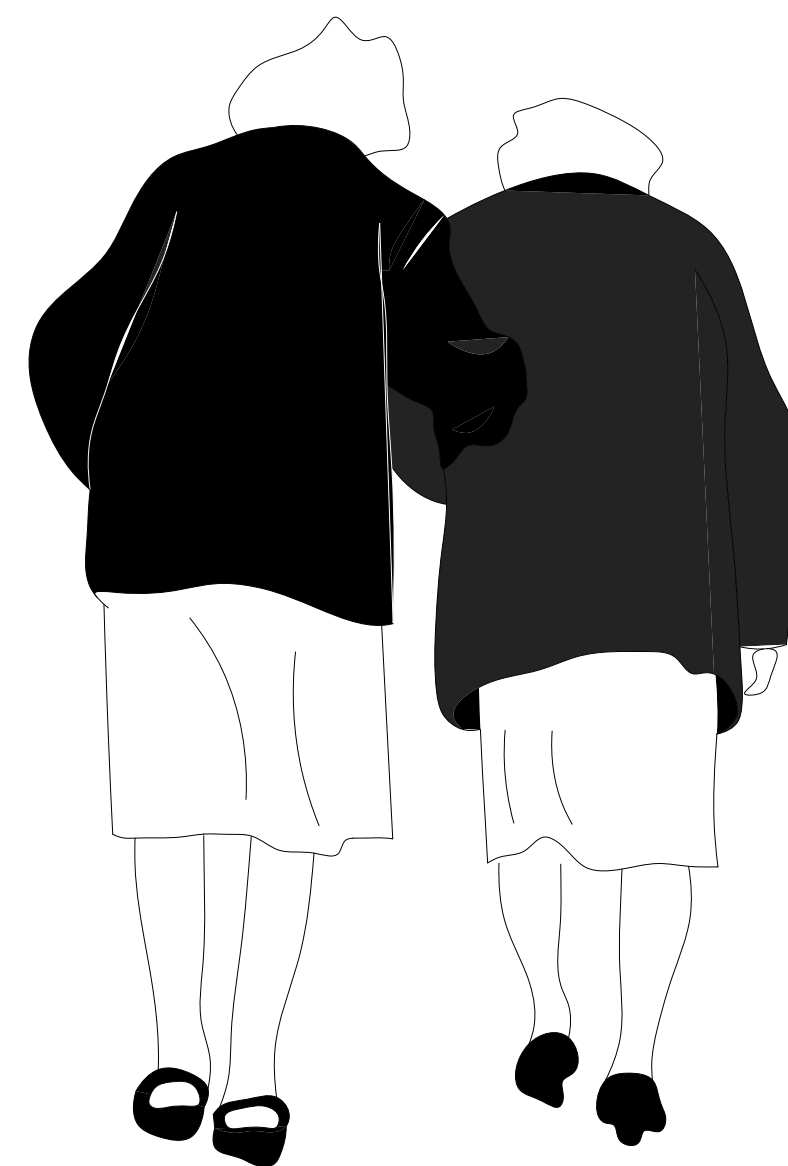
Claim of freedom

CONTENT:

Research outcomes

- i. Philia
- ii. Polis
- iii. Place of exile

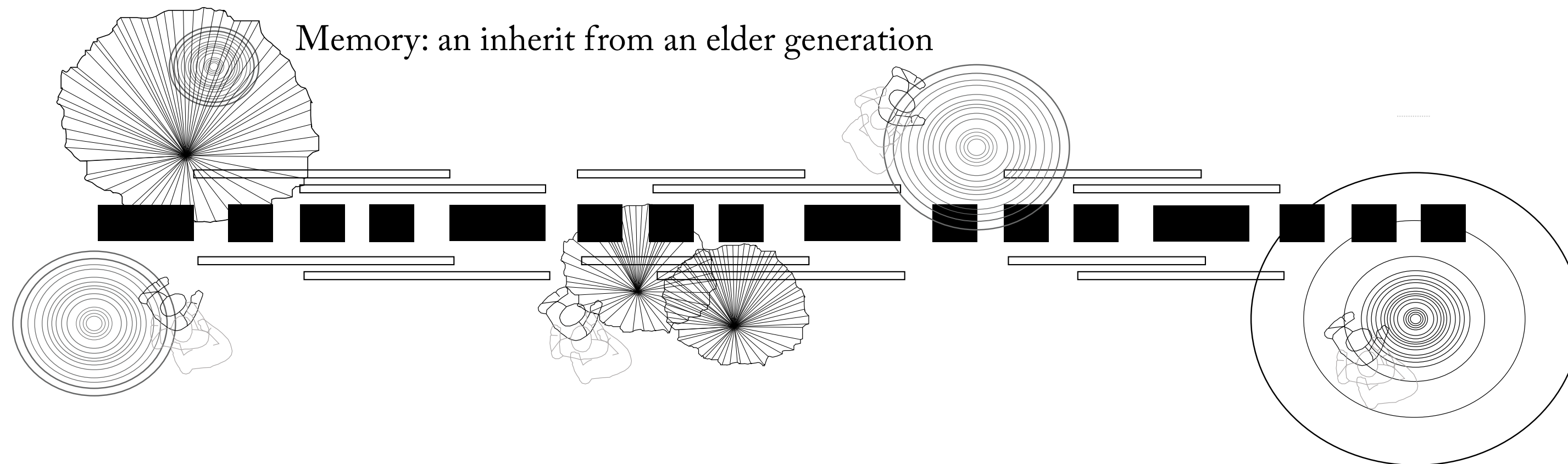
*A Greek Philia is a virtue that leads to the human flourishing.
The Greek philia was a springboard for citizens to have an input
in the political life and it was an
act of freedom.*



Philia of genuine



Philia of pleasure

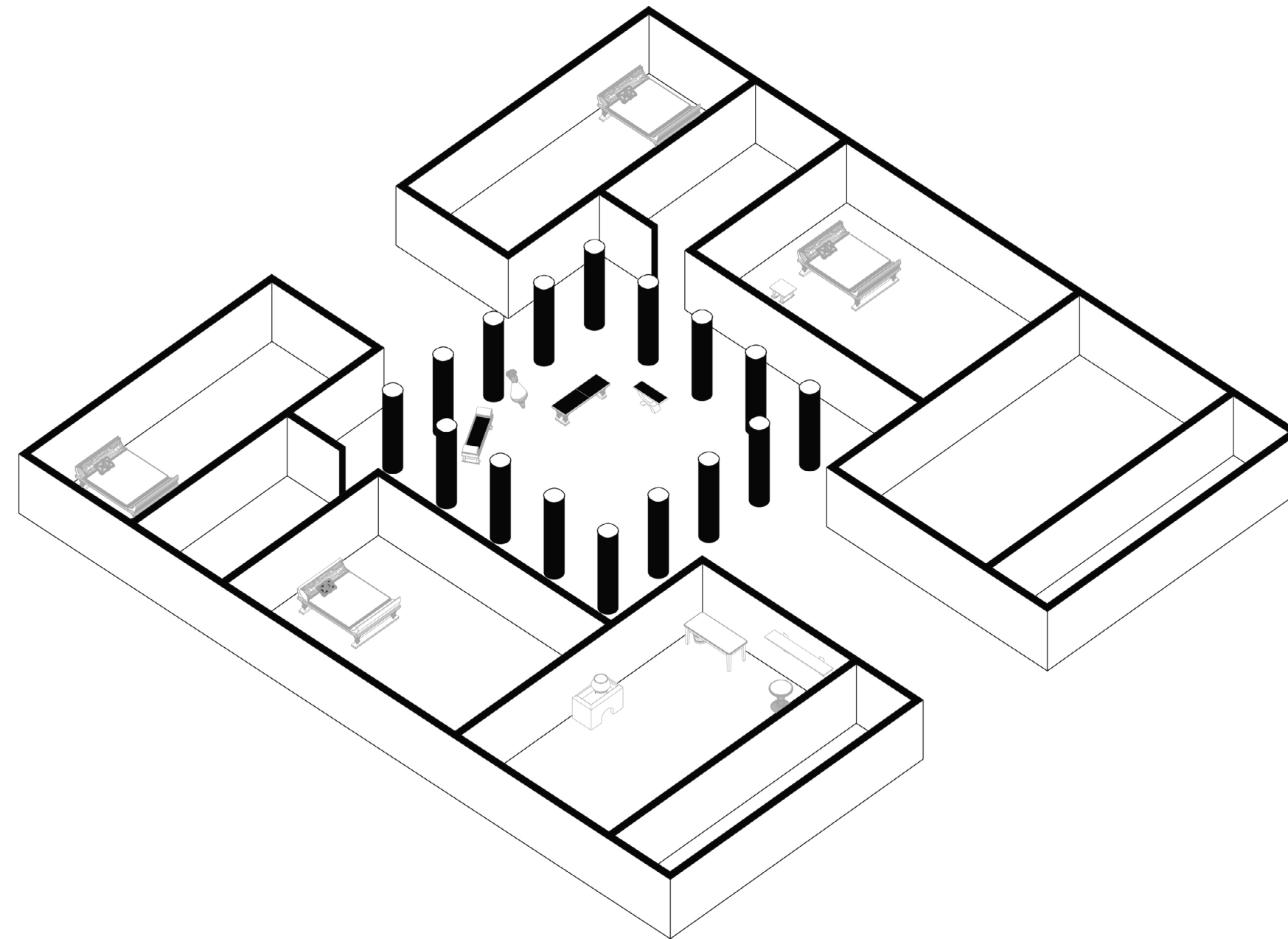


CONTENT:

Research outcomes

- i. Philia
- ii. Polis
- iii. Place of exile





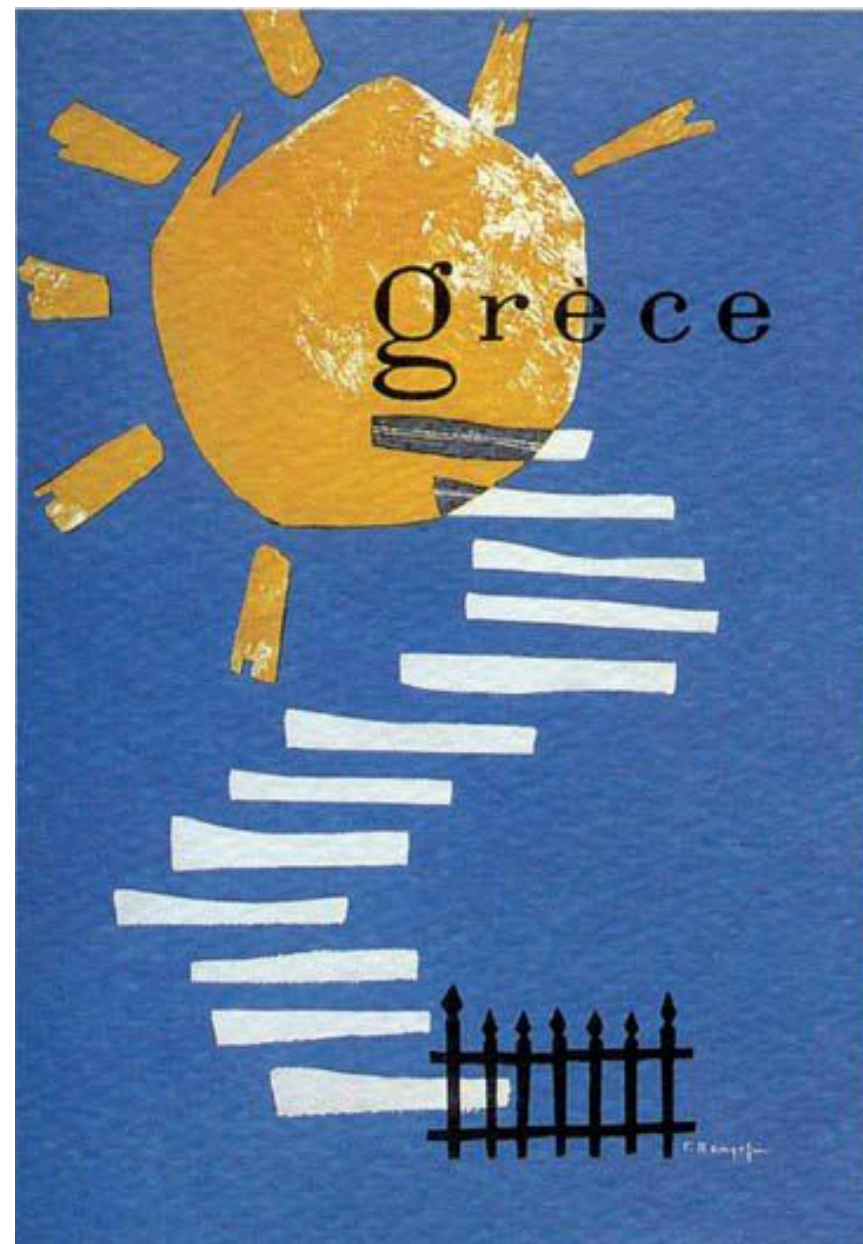
OIKOS

“Building sin Ancient Greece, were set on this spatial concept: an aggregation of volumes around an empty central area”



Greek society: deliberately dense due to the cultural demand for constant social interaction and physical closeness



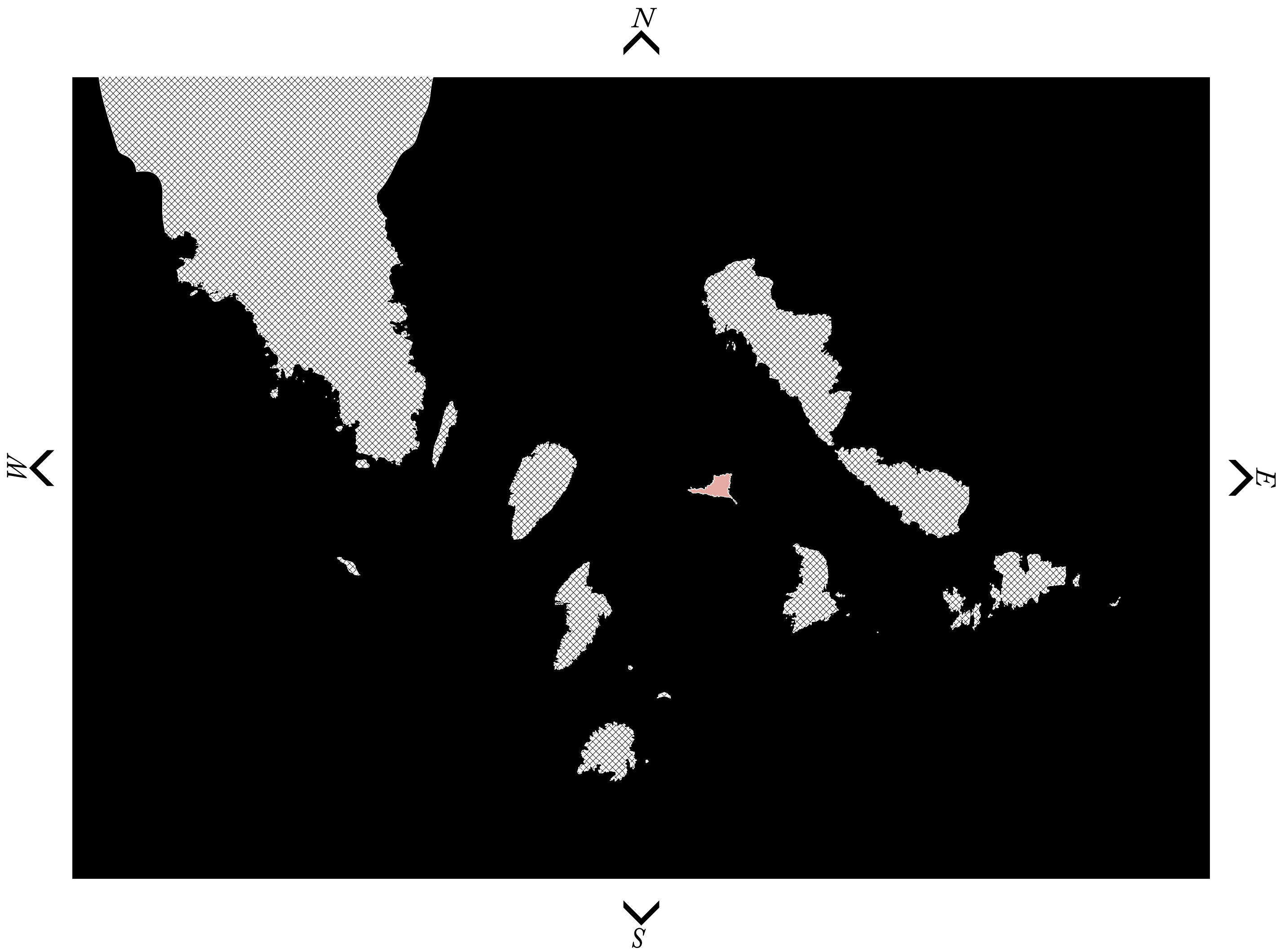


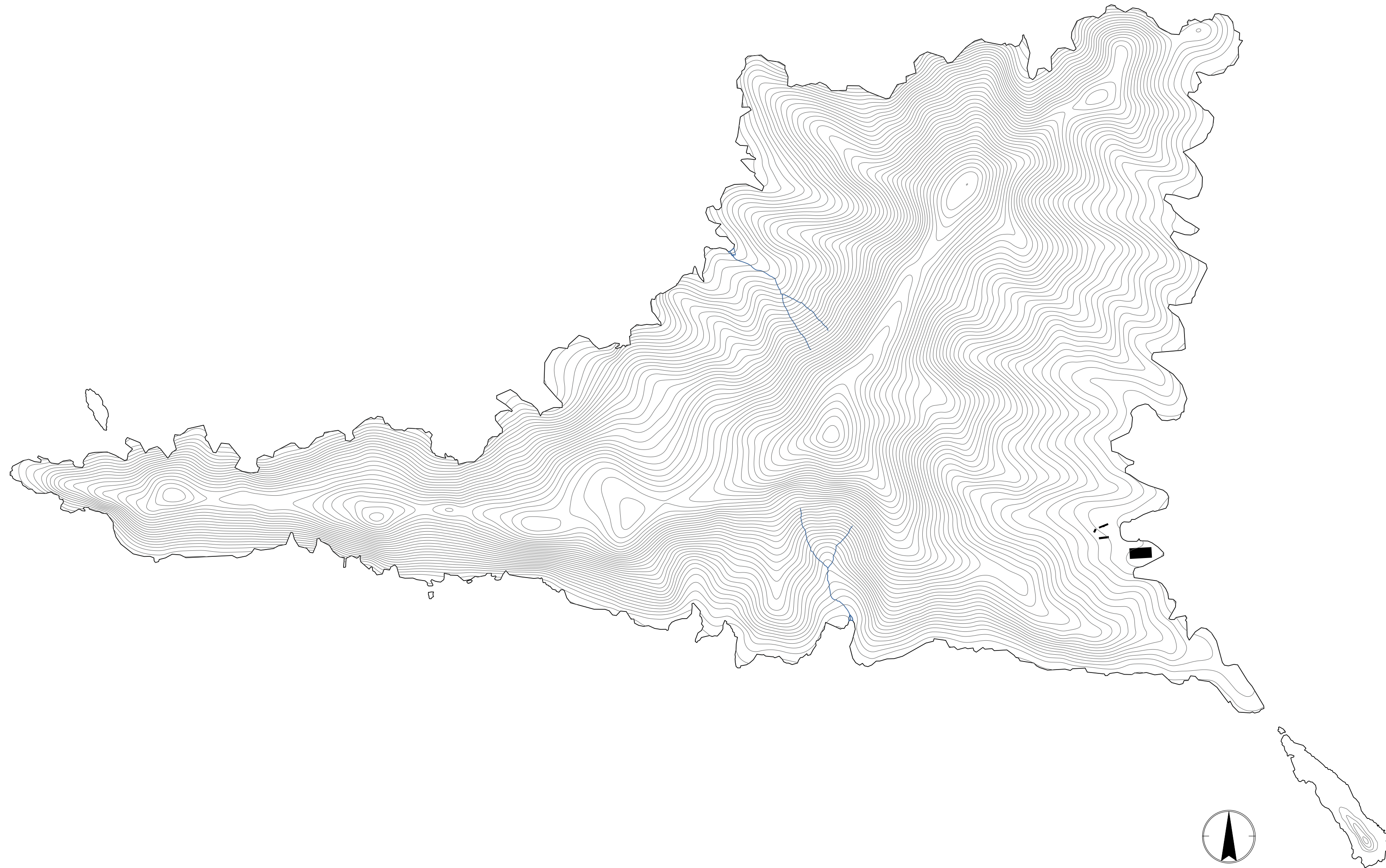
CONTENT:

Research outcomes

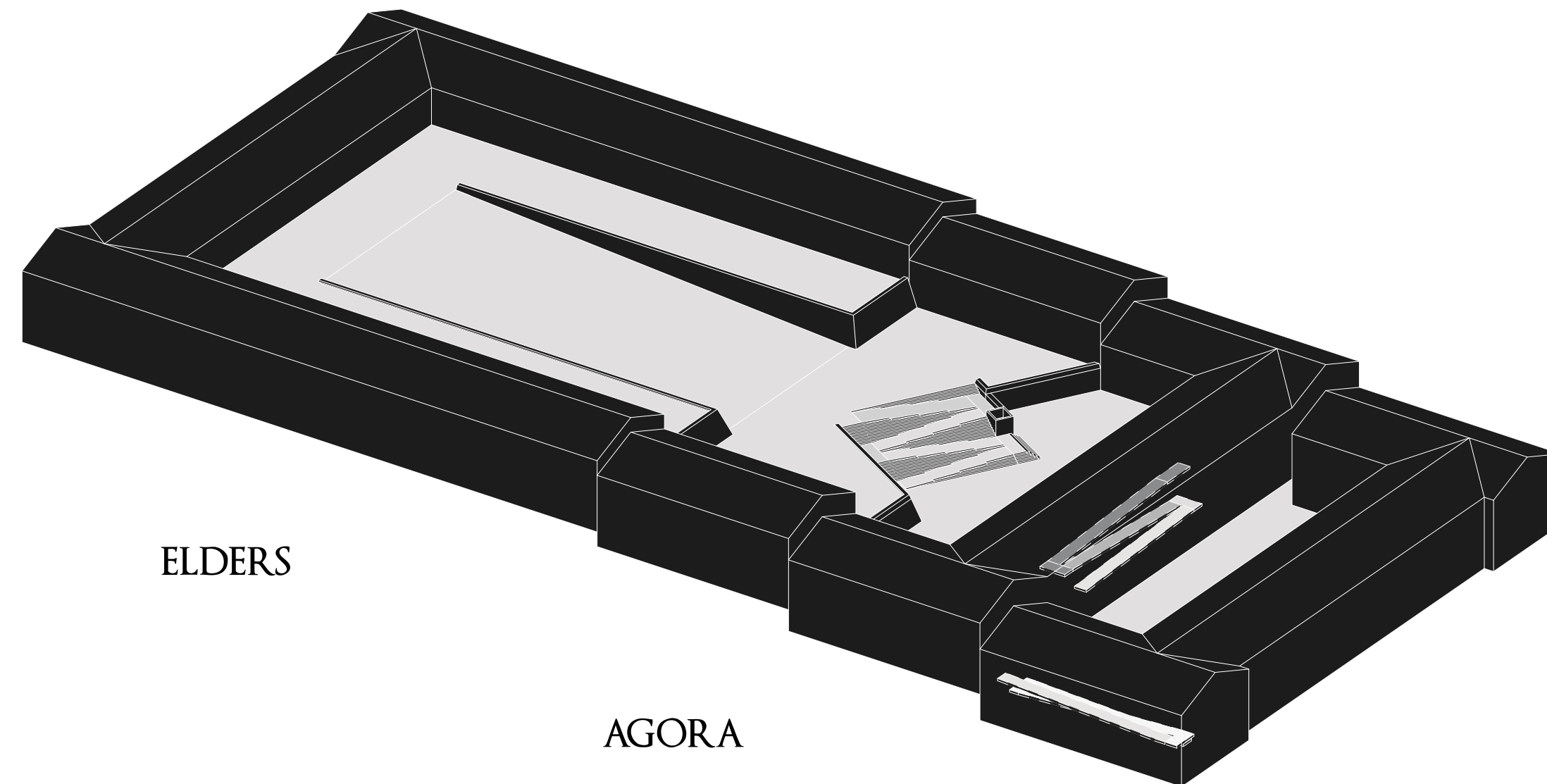
- i. Philia
- ii. Polis
- iii. Place of exile











ELDERS

AGORA

YOUTH

How and in what extent an institution can be transformed
and get free from its character in order to create a new type of
public building?



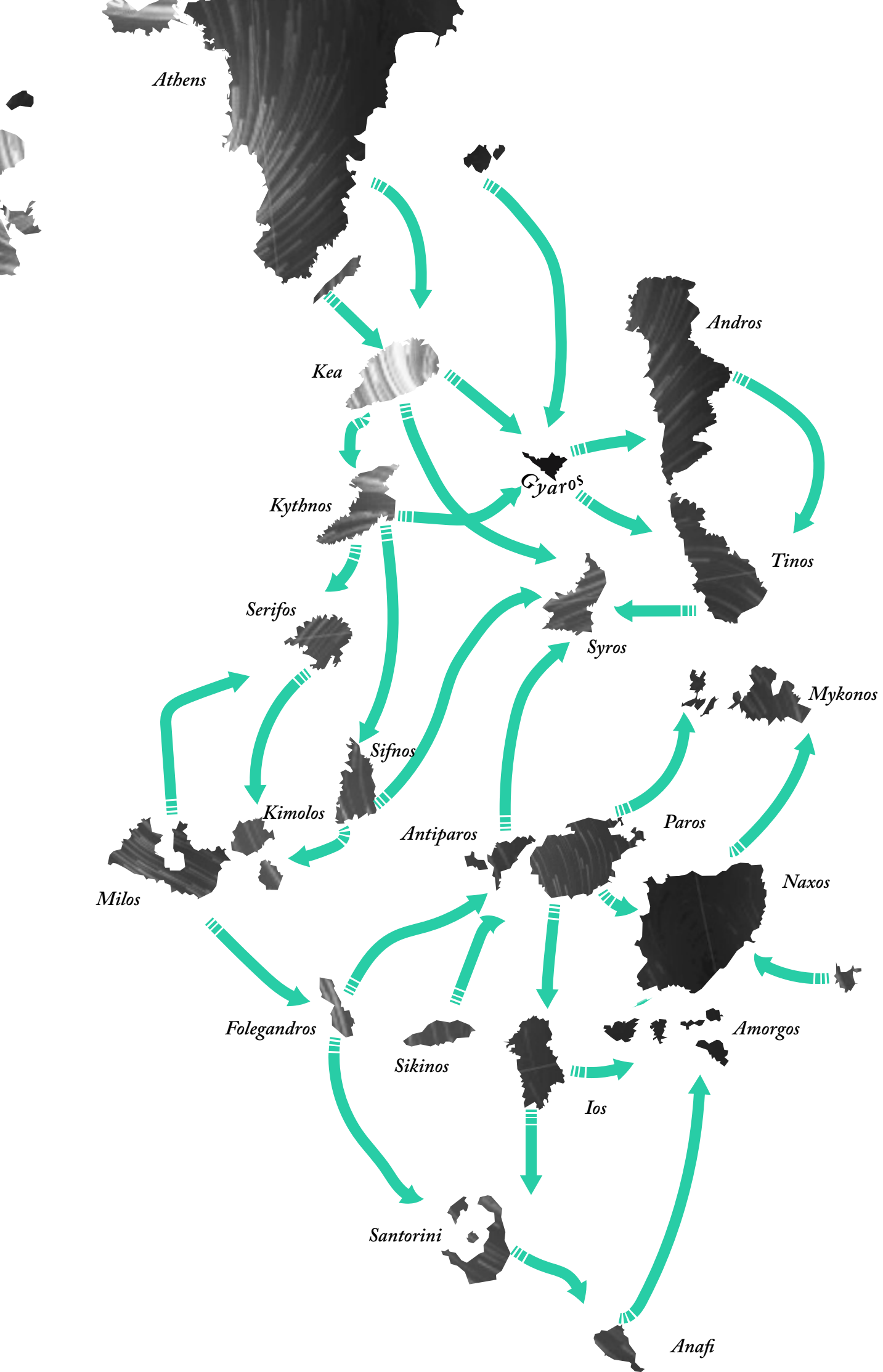
CONTENT:

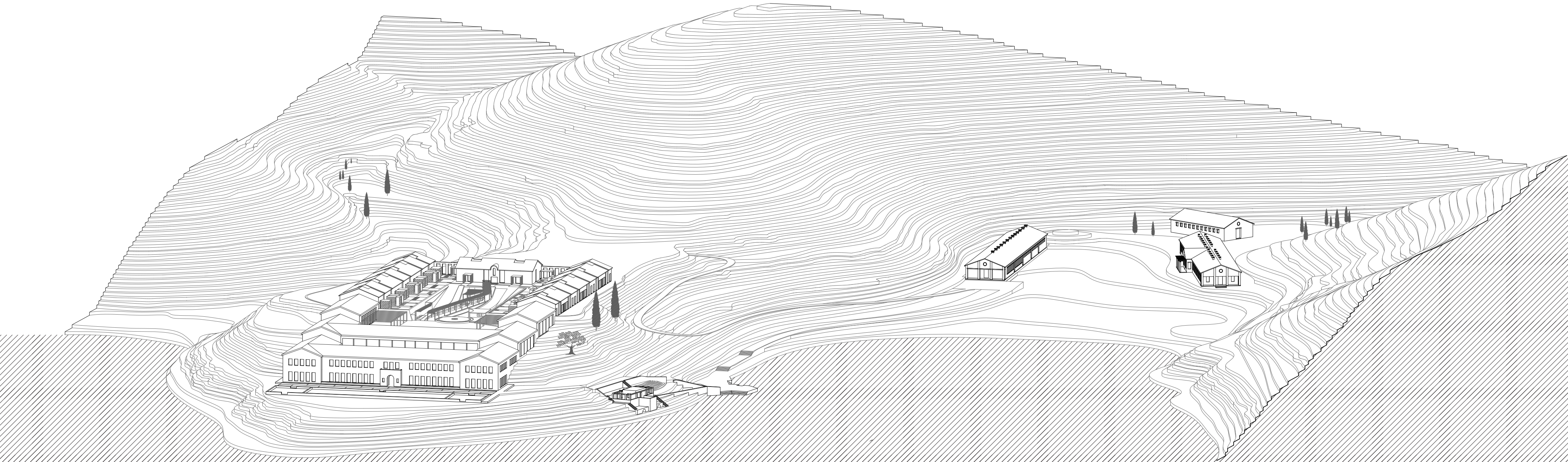
Research outcomes

Autarky community

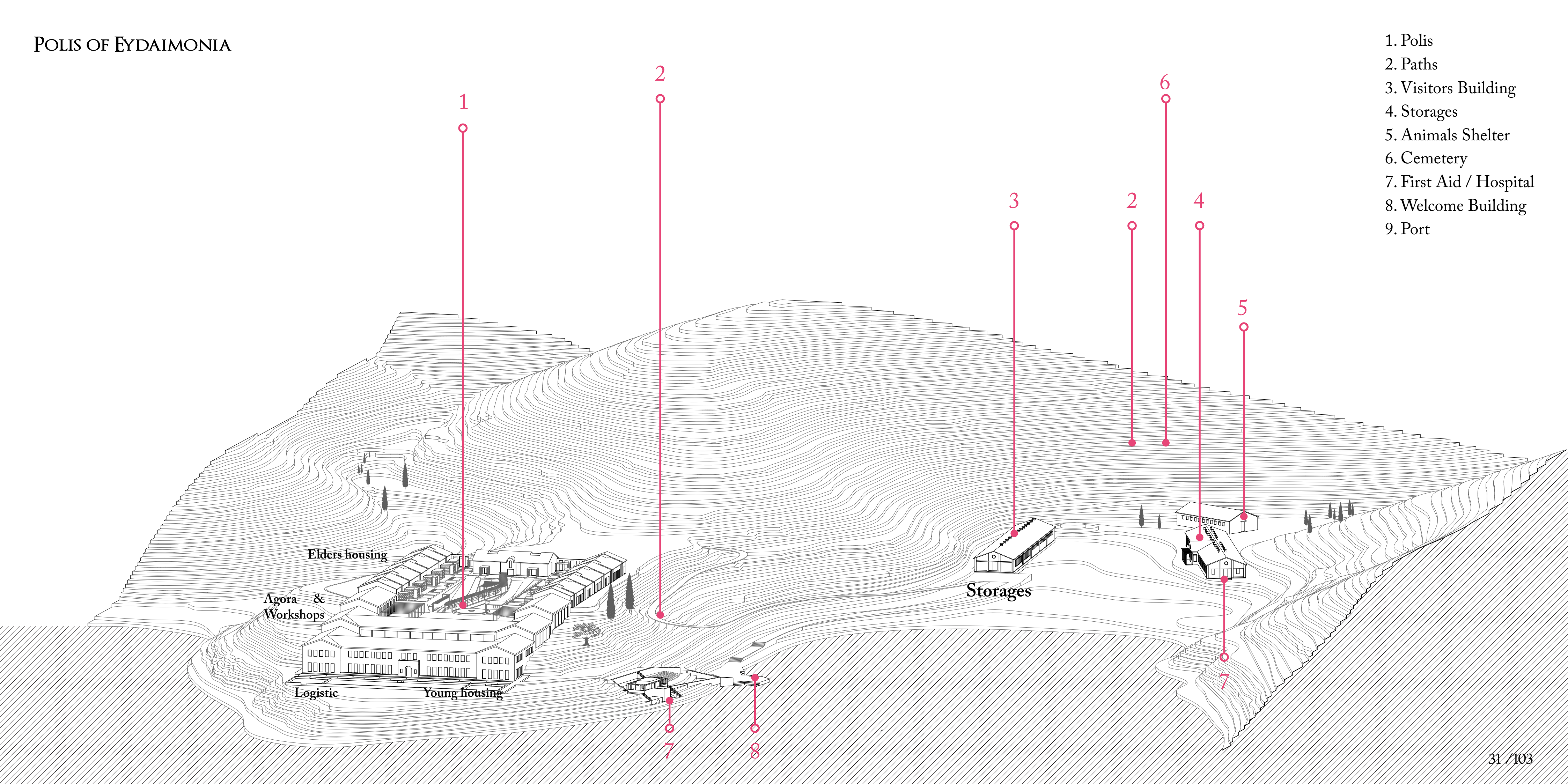
Place of Eudaimonia

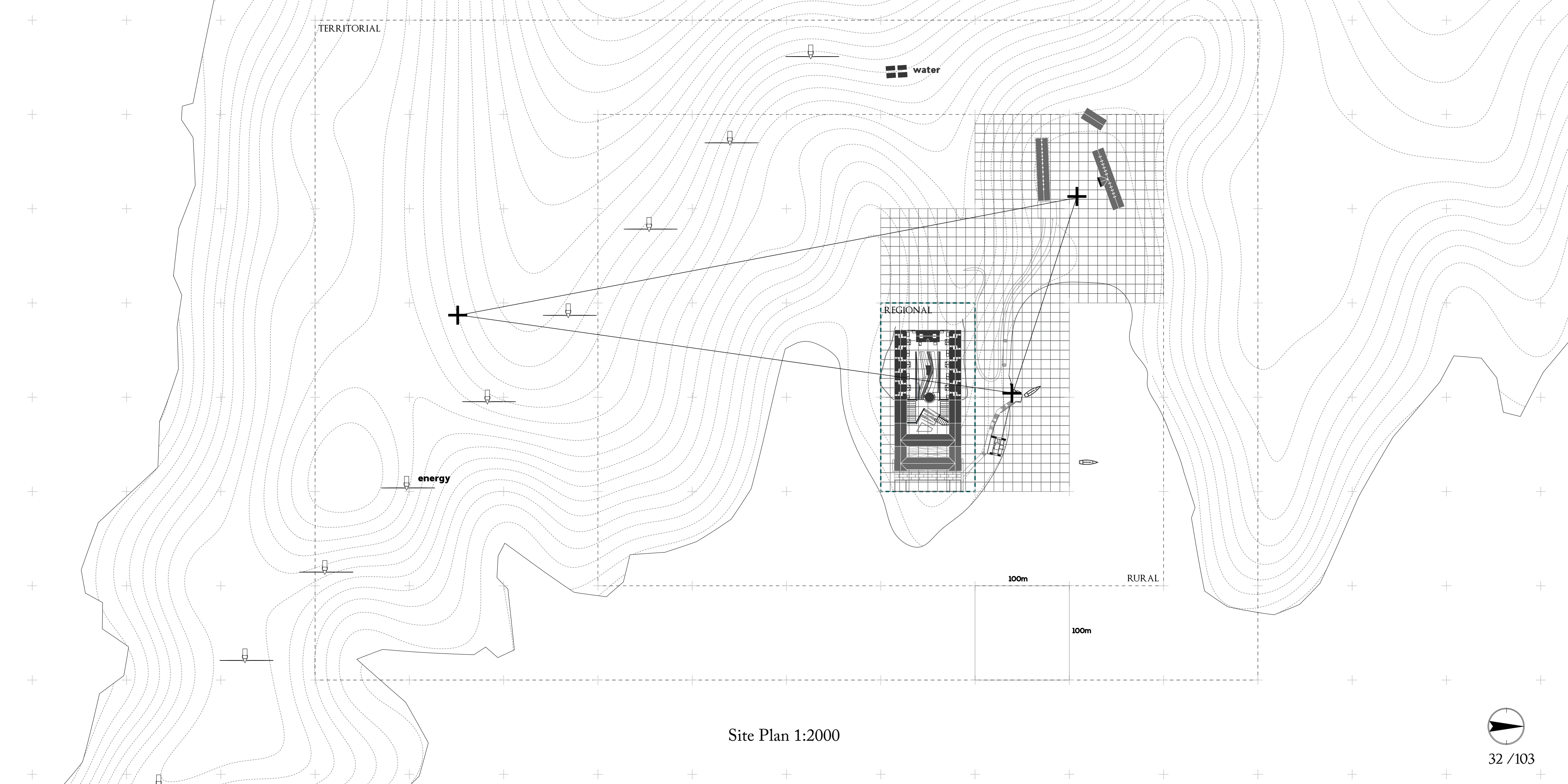
Claim of freedom

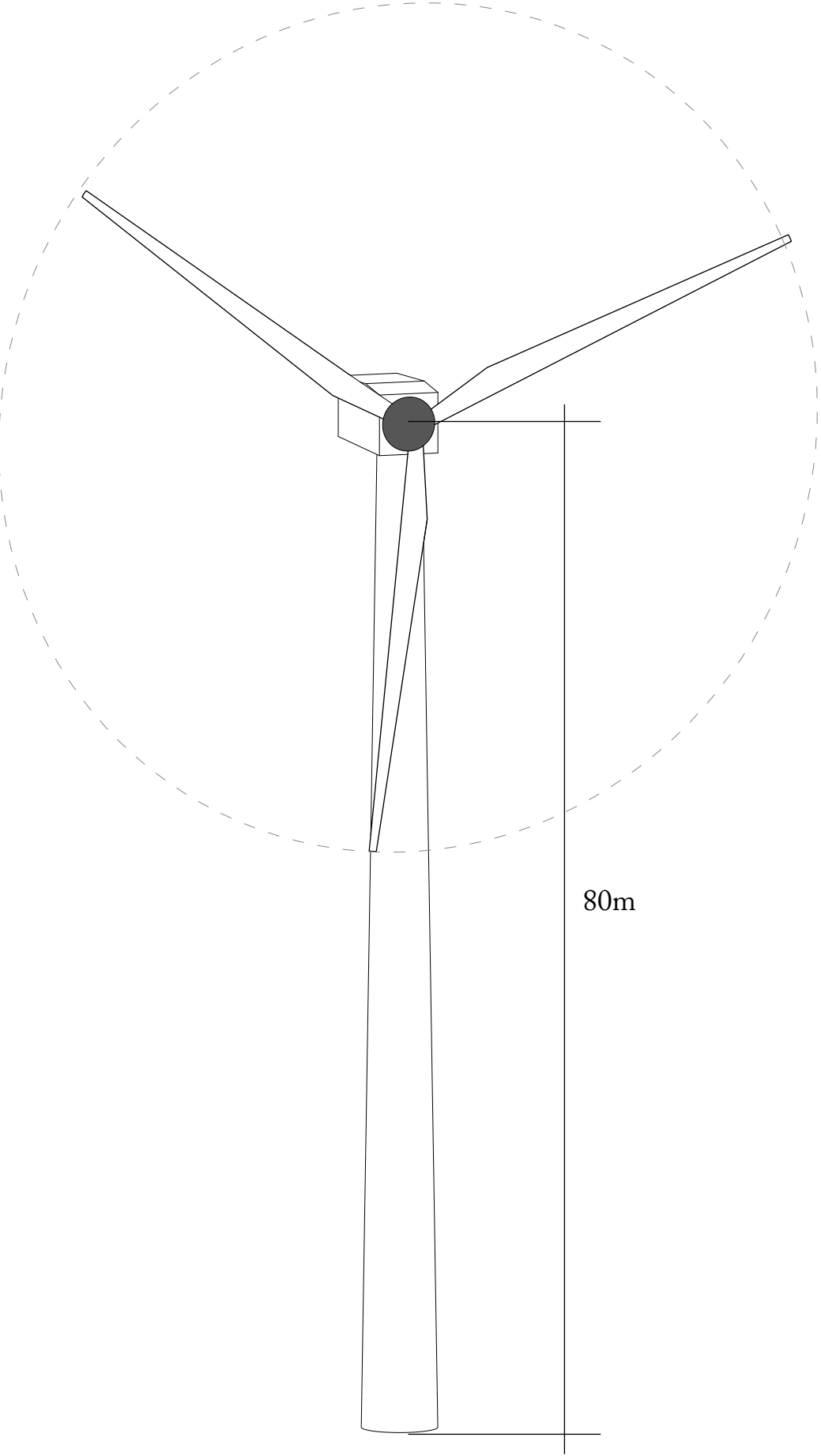




- 1. Polis
- 2. Paths
- 3. Visitors Building
- 4. Storages
- 5. Animals Shelter
- 6. Cemetery
- 7. First Aid / Hospital
- 8. Welcome Building
- 9. Port



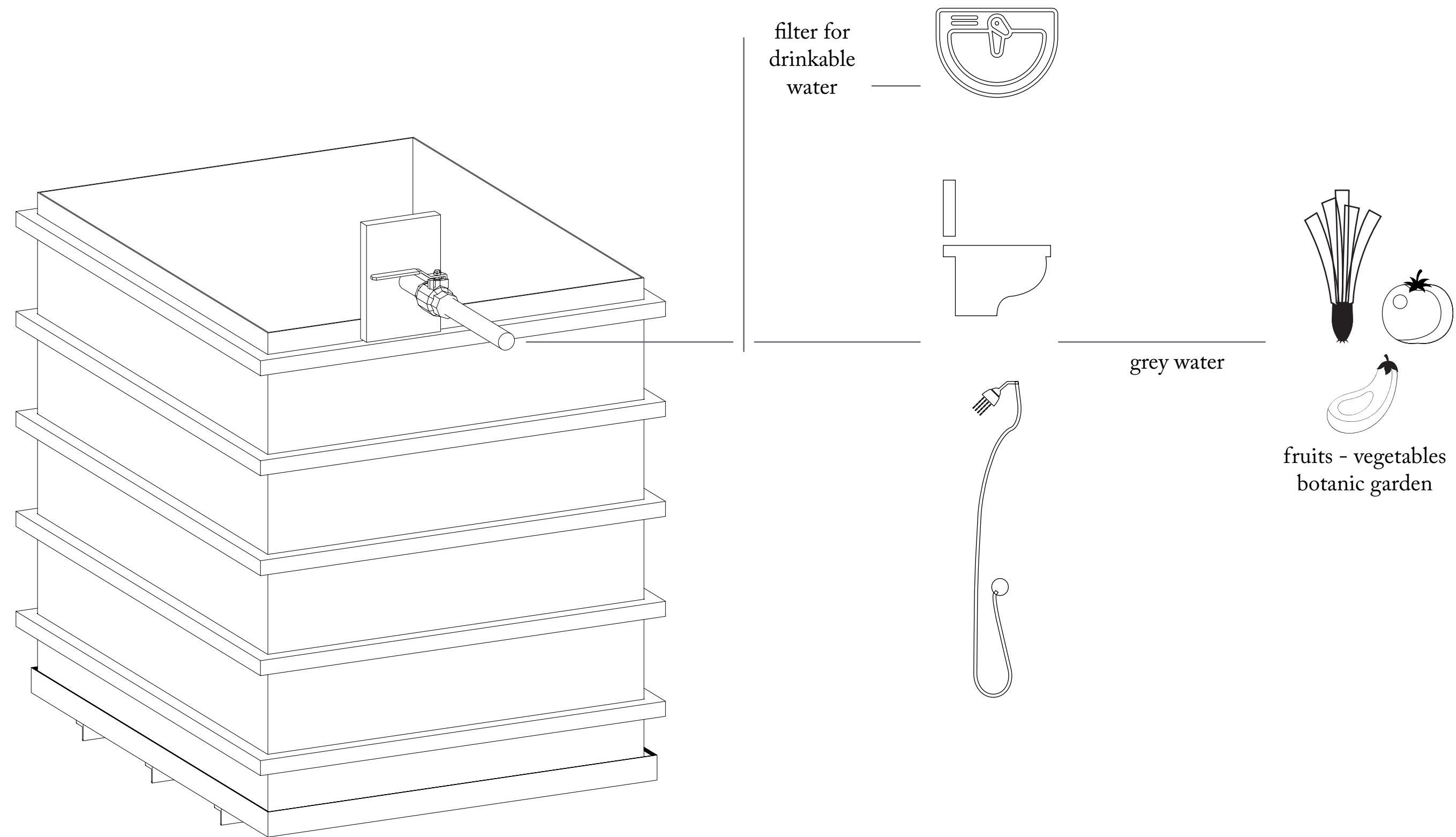




The turbines transmit electricity to the Polis and the one that is not consumed to the mainland.

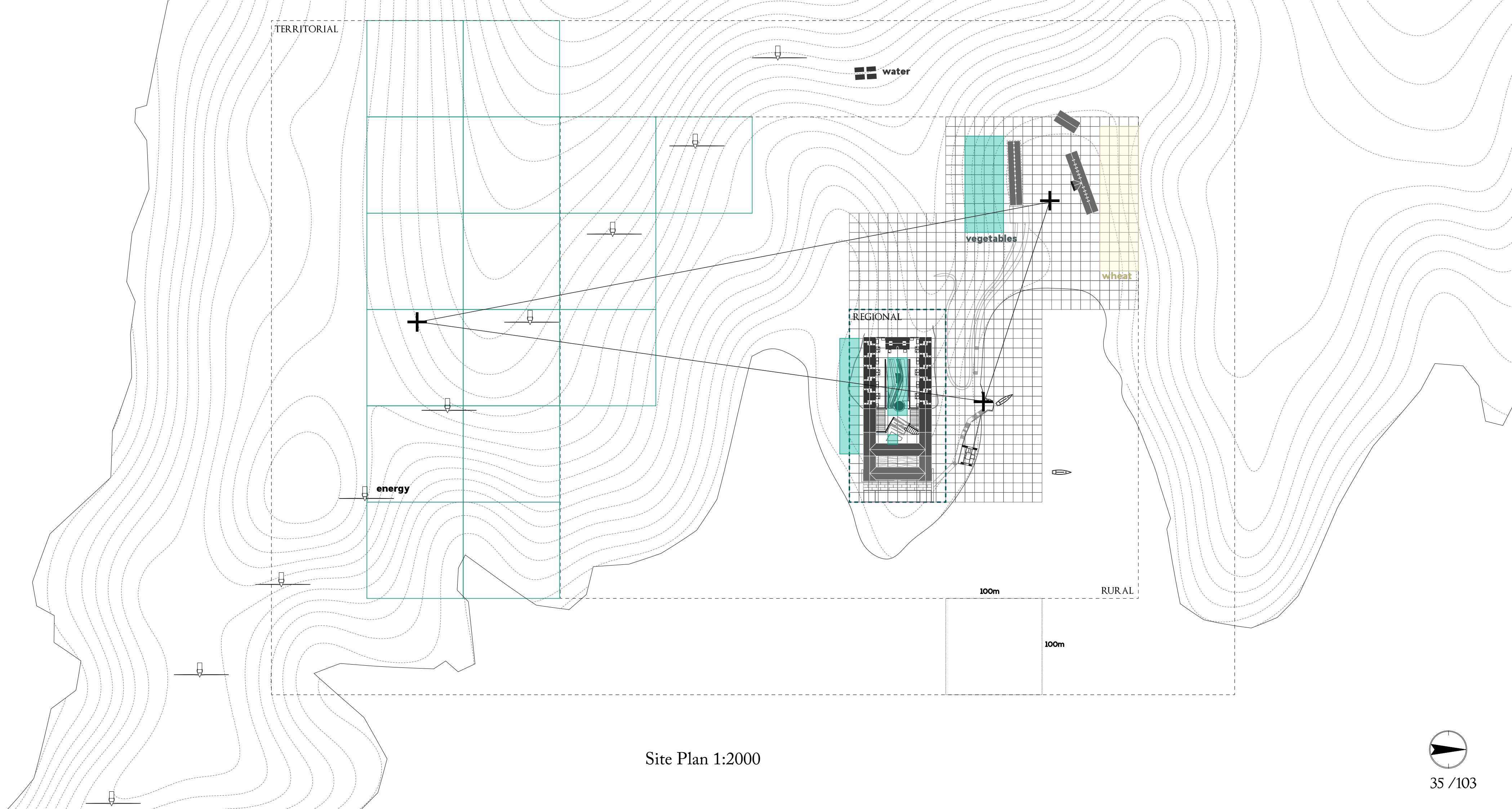
Energy self-sufficiency:

- 16 wind turbines
- 3000KW each turbine
- 90m diameter
- 80m height
- total energy production: 108.00 MWh
- needed 300MWh per year (sell energy to other islands)

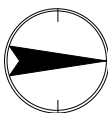


Water self-sufficiency:

- 4 cisterns
- rainwater harvesting
- 10m x 5m length
- 10m height
- 700m² needed to be self-sufficient



Site Plan 1:2000







TERRITORIAL

water

meat

dairy

eggs

vegetables

wheat

REGIONAL

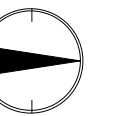
energy

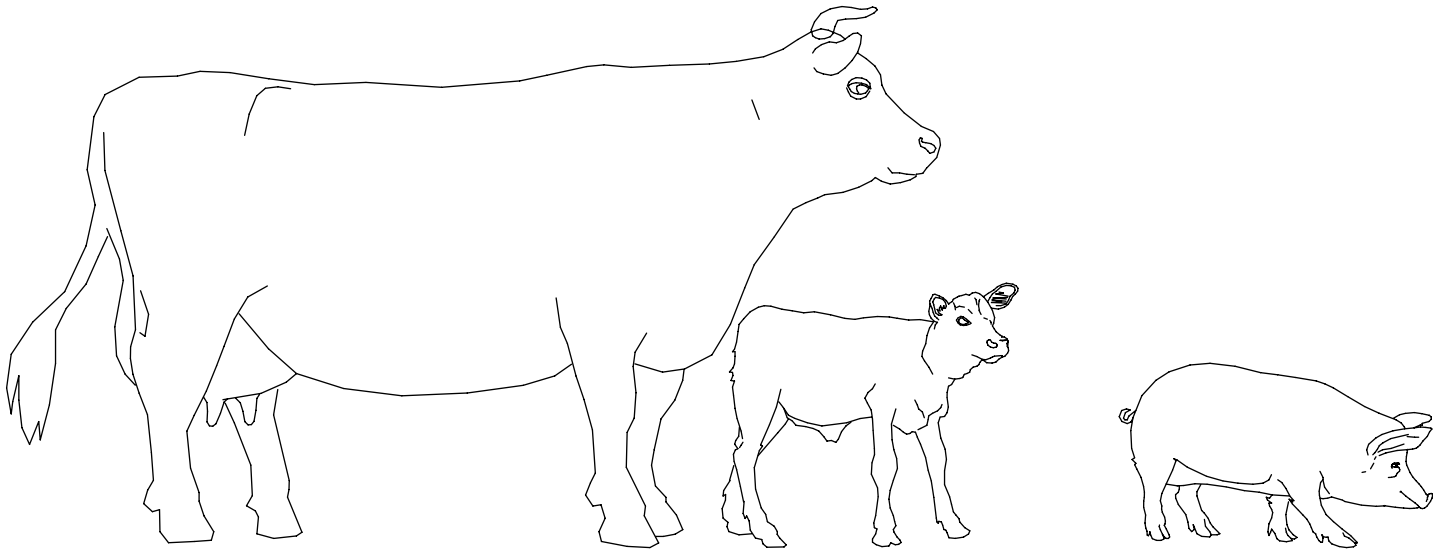
100m

RURAL

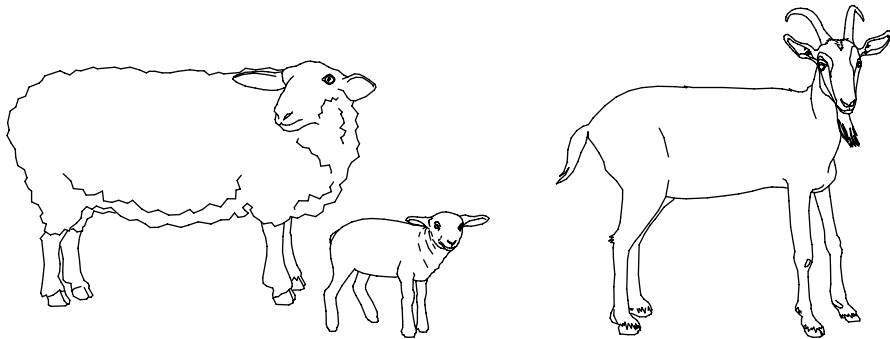
100m

Site Plan 1:2000





Meat
475sq.m



Dairy
225sq.m



Eggs
150sq.m

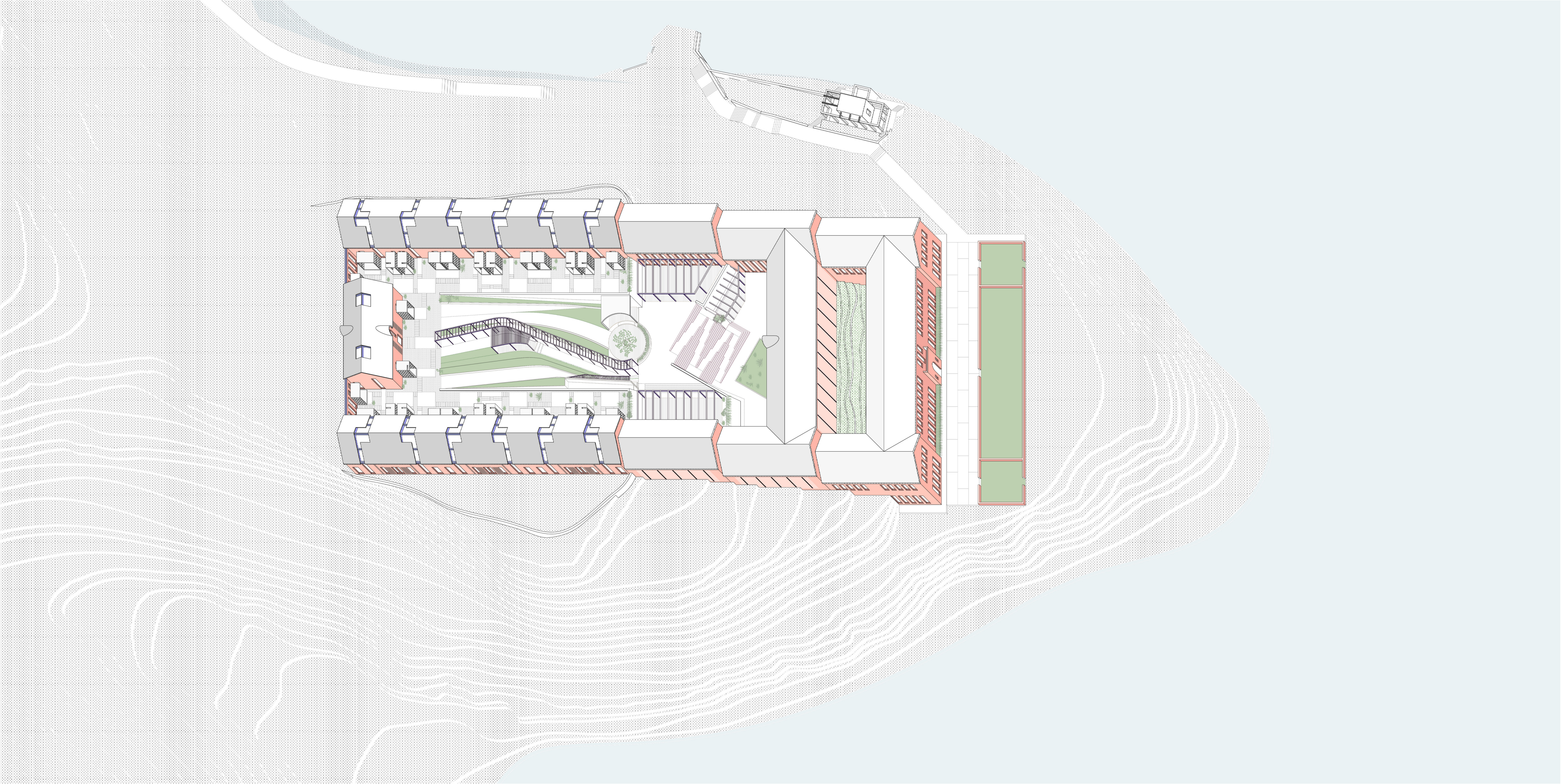
CONTENT:

Research outcomes

Autarky community

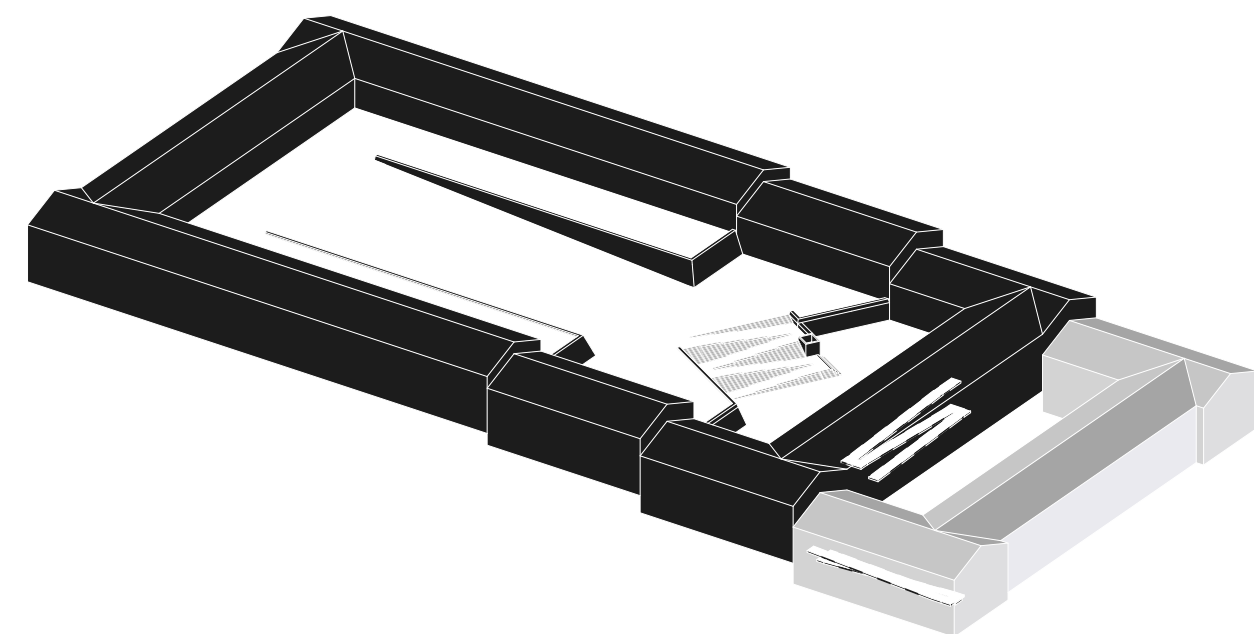
Place of Eudaimonia

Claim of freedom

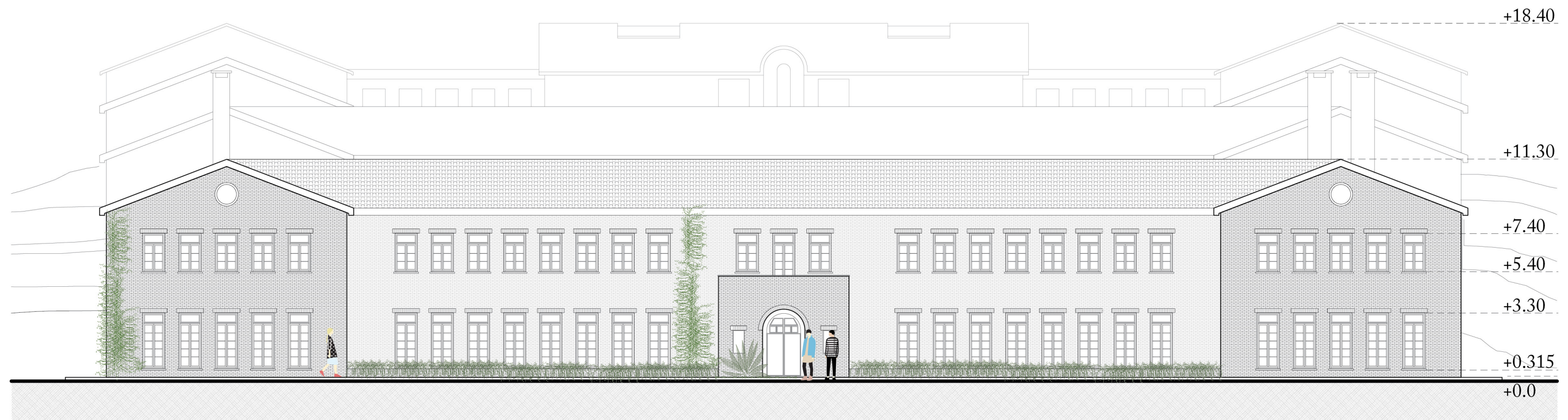




Long Section
Scale 1:200



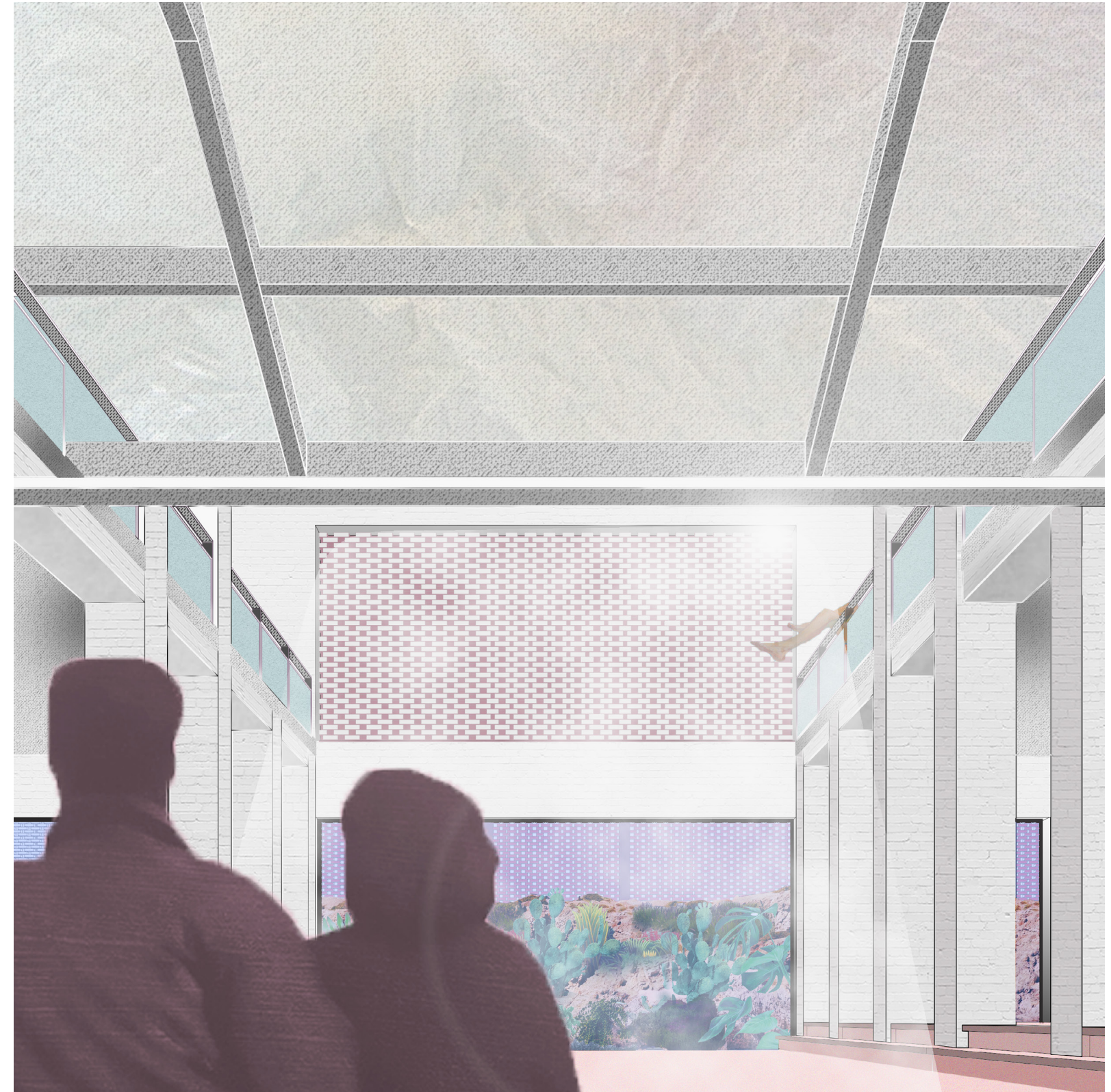
Youth - Administration



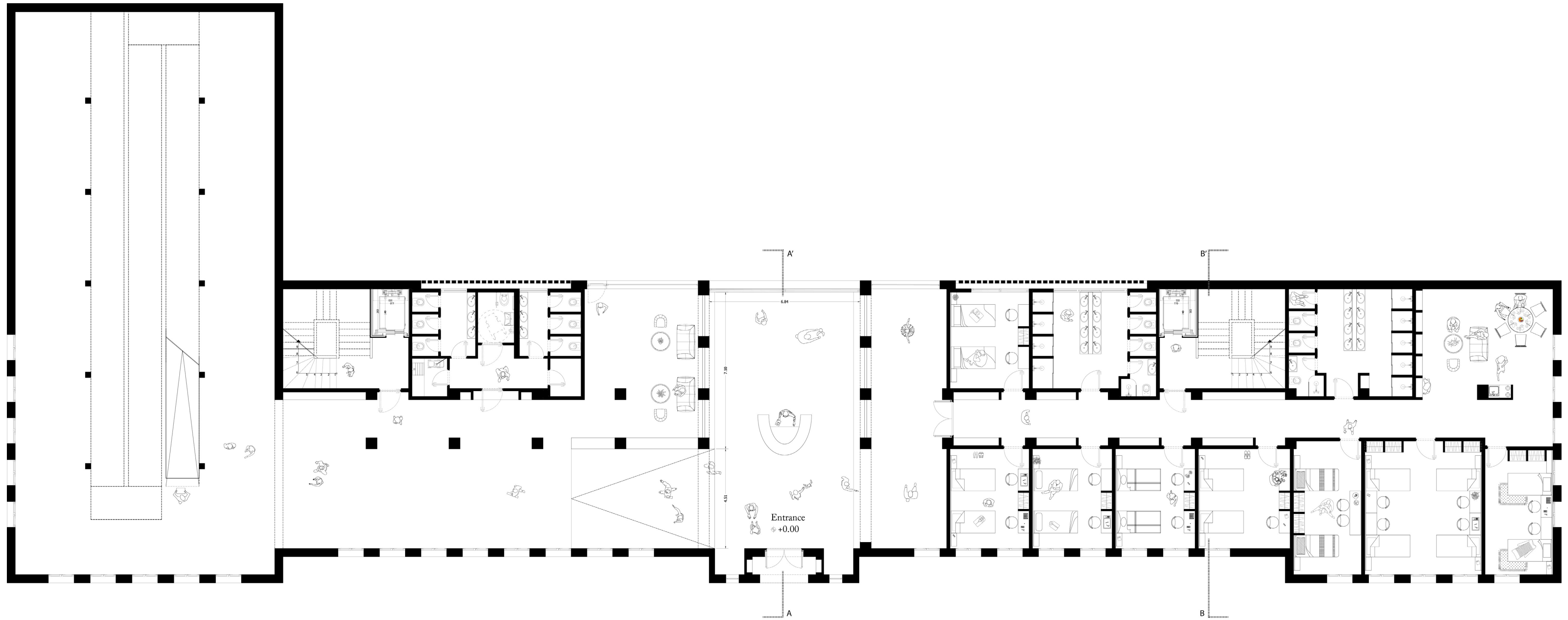
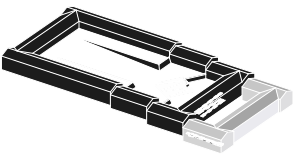
New



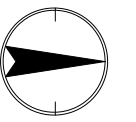
Existing

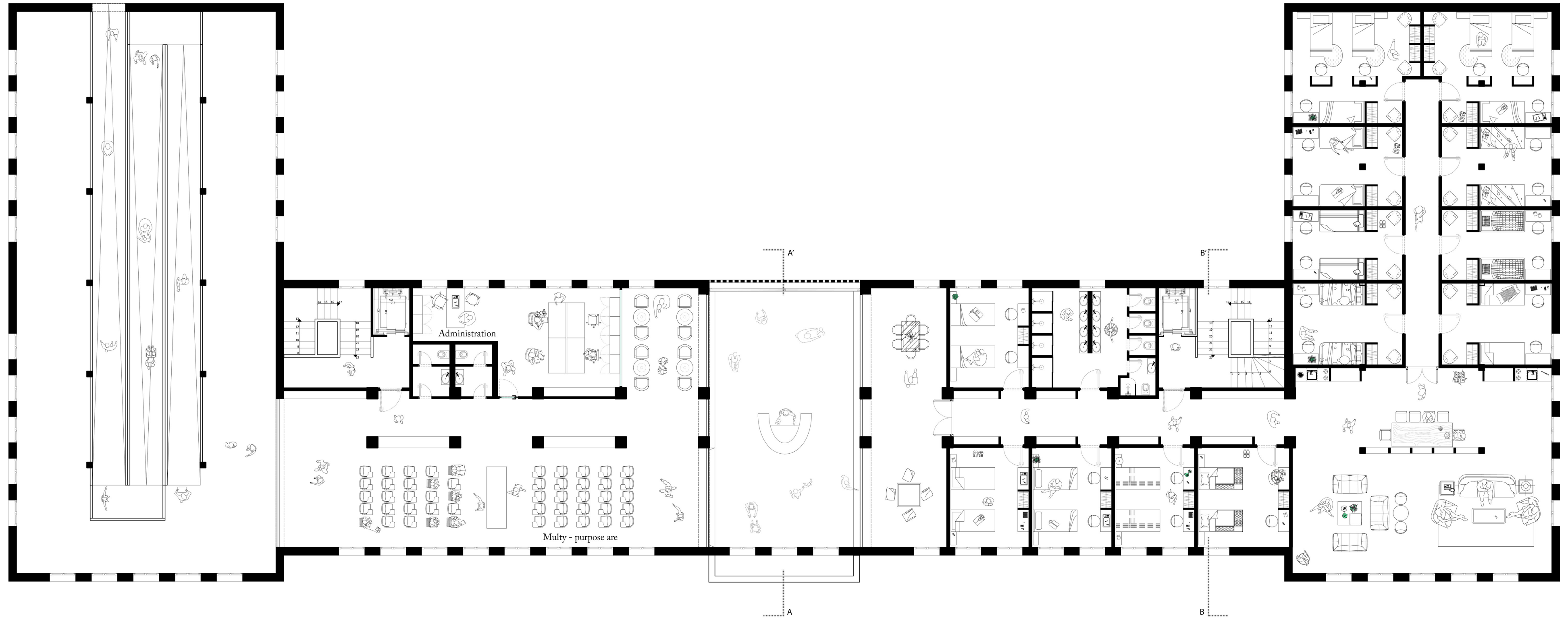
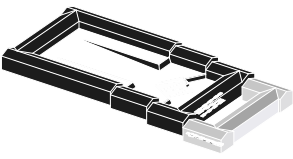


New

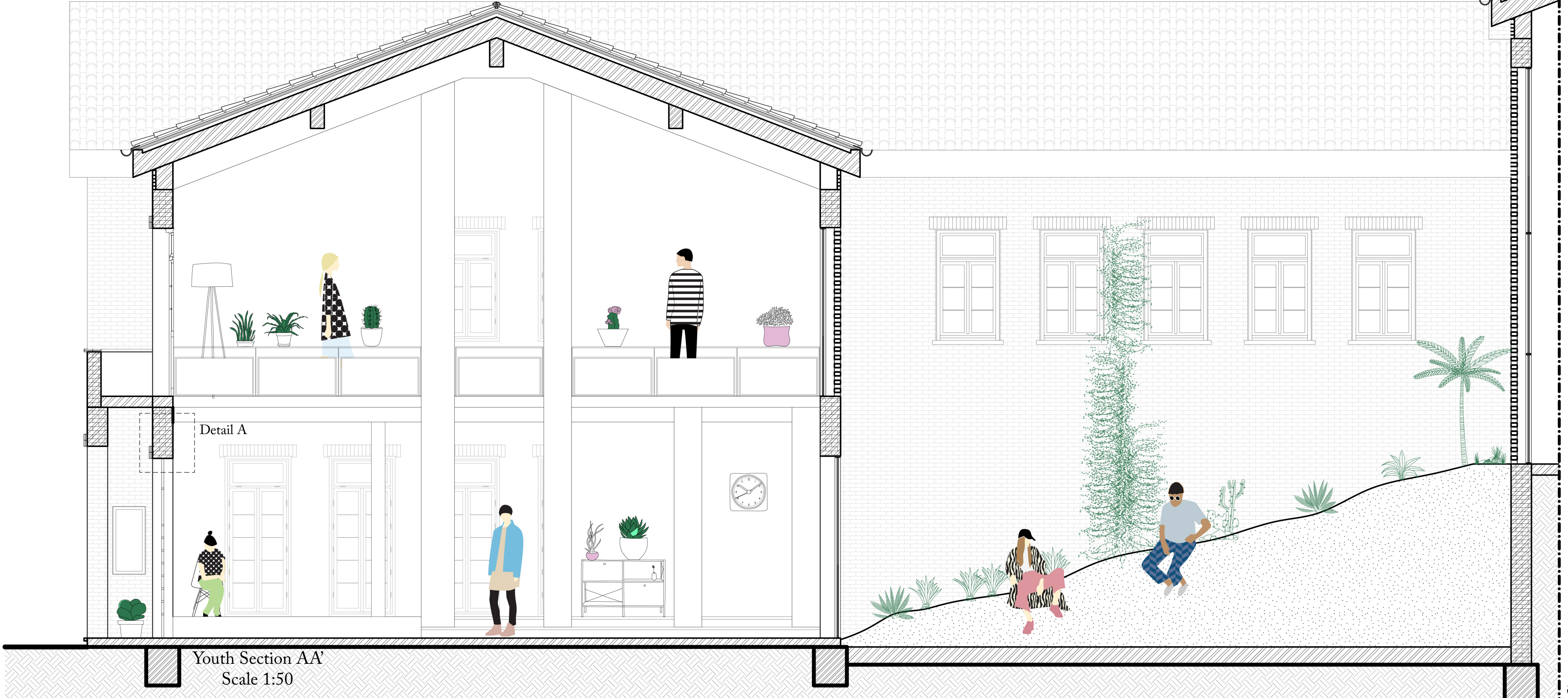
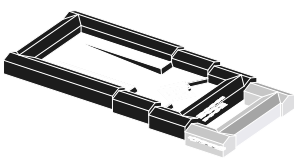


Level ± 0.00

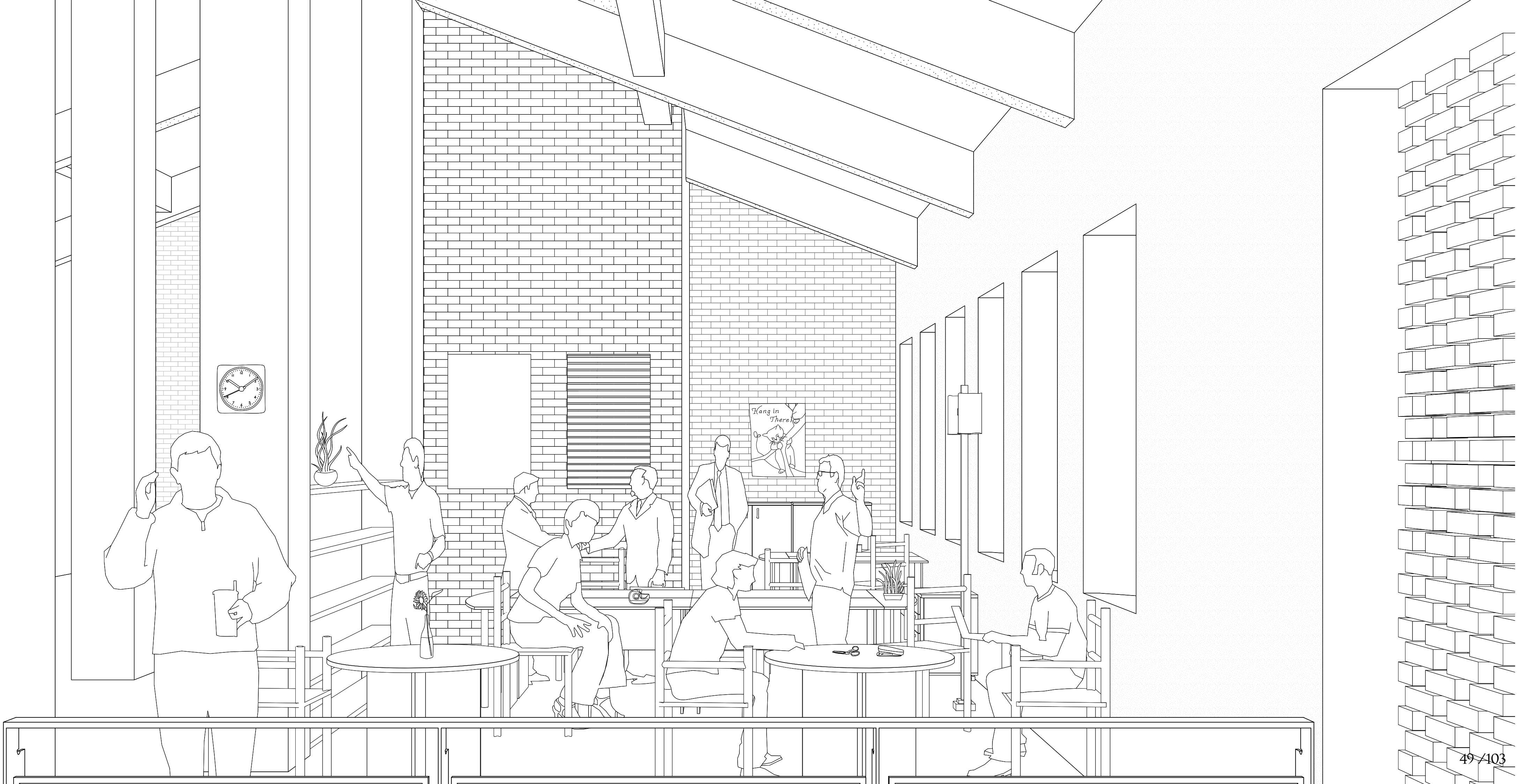


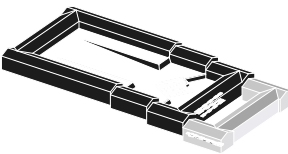


Level + 4.20

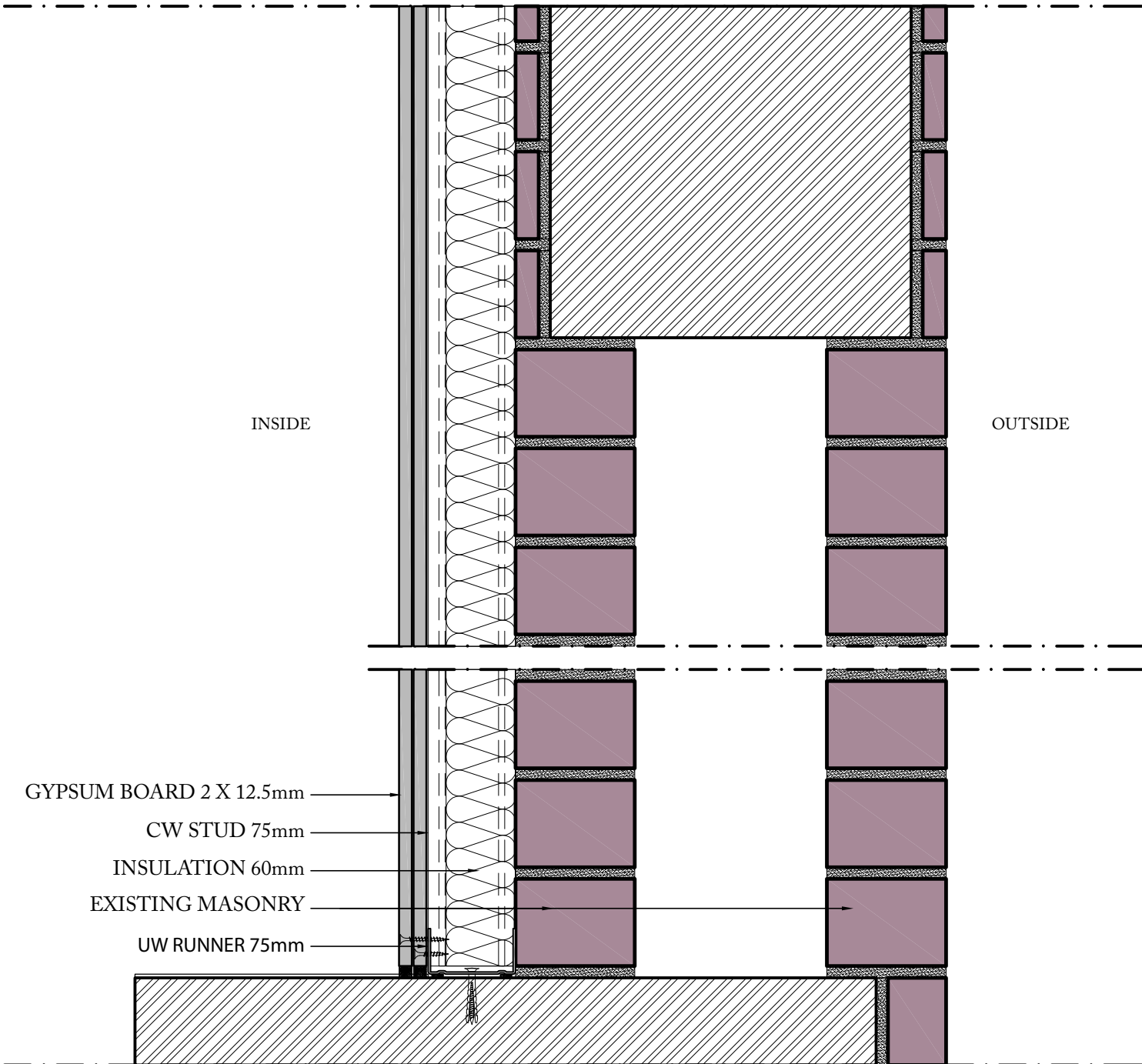
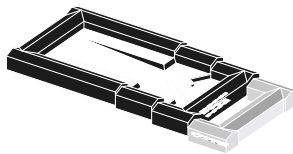


Youth Section AA'
Scale 1:50

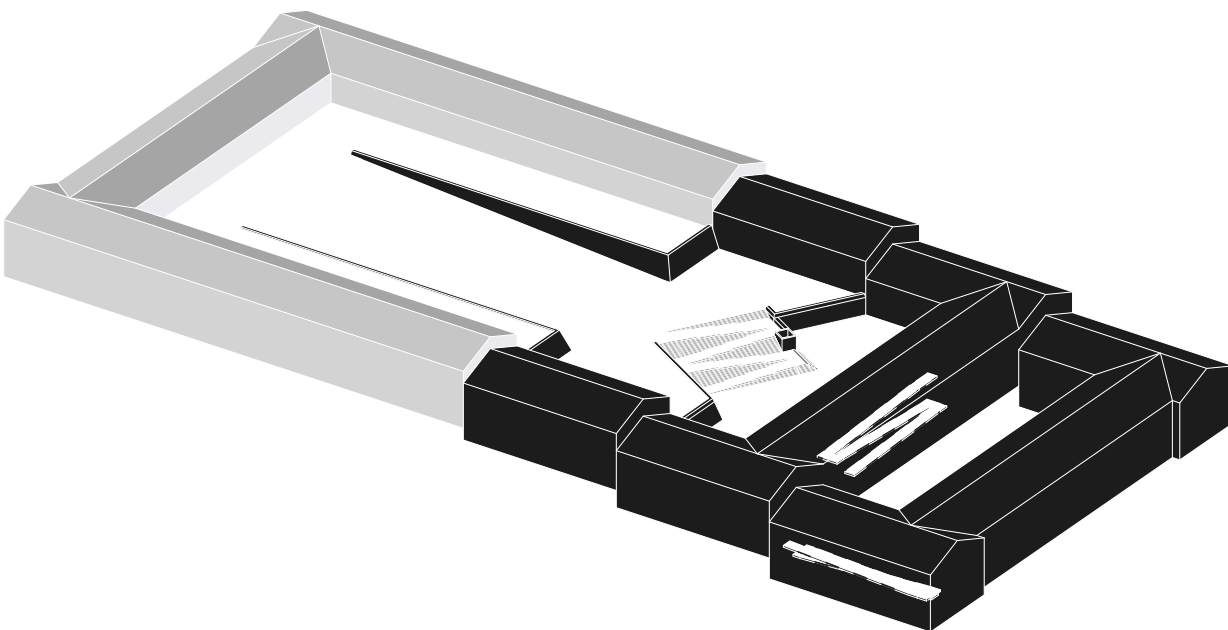




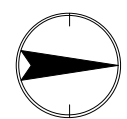
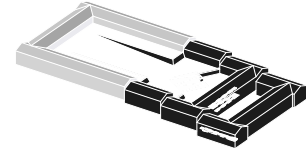




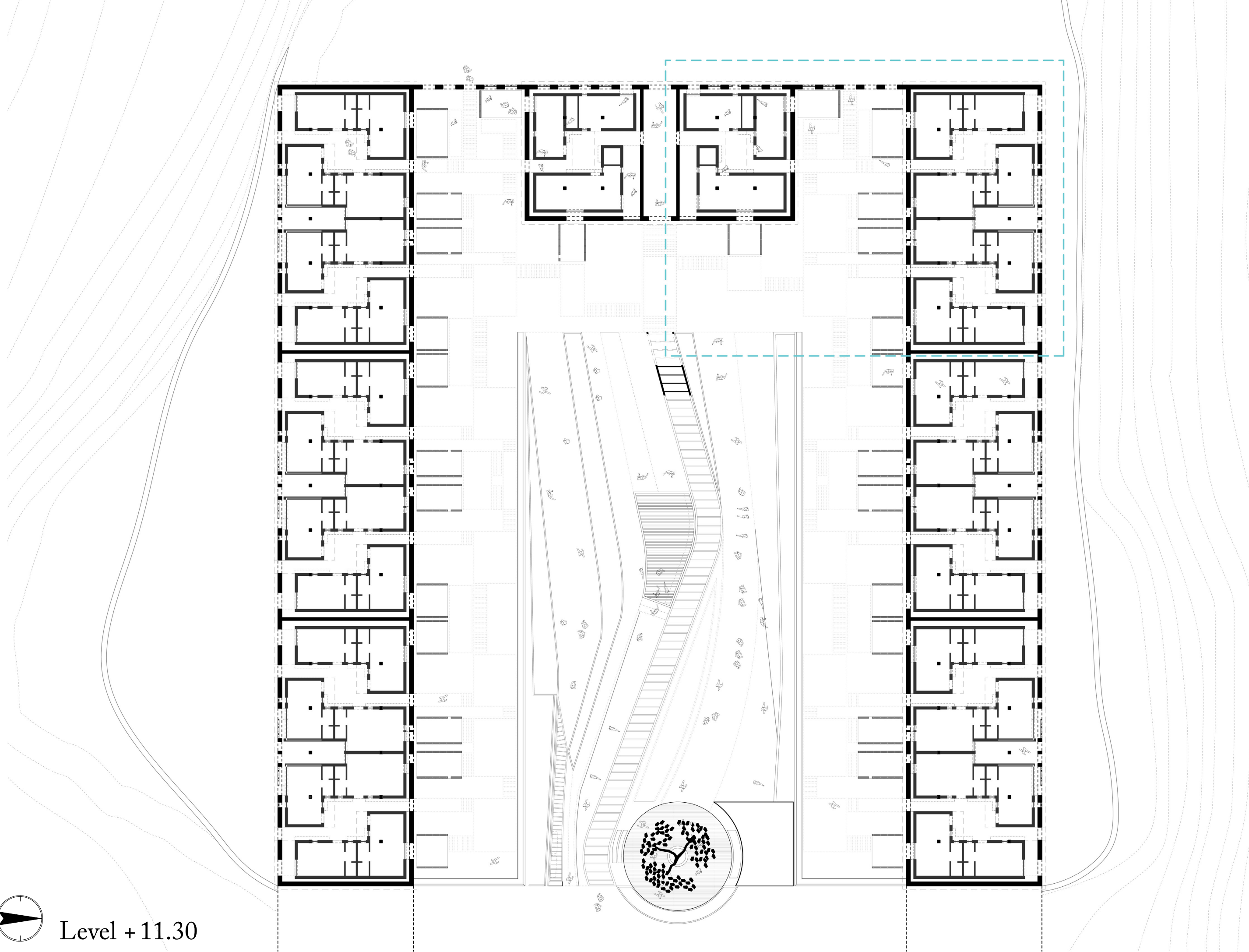
EXISTING MASONRY
VERTICAL SECTION

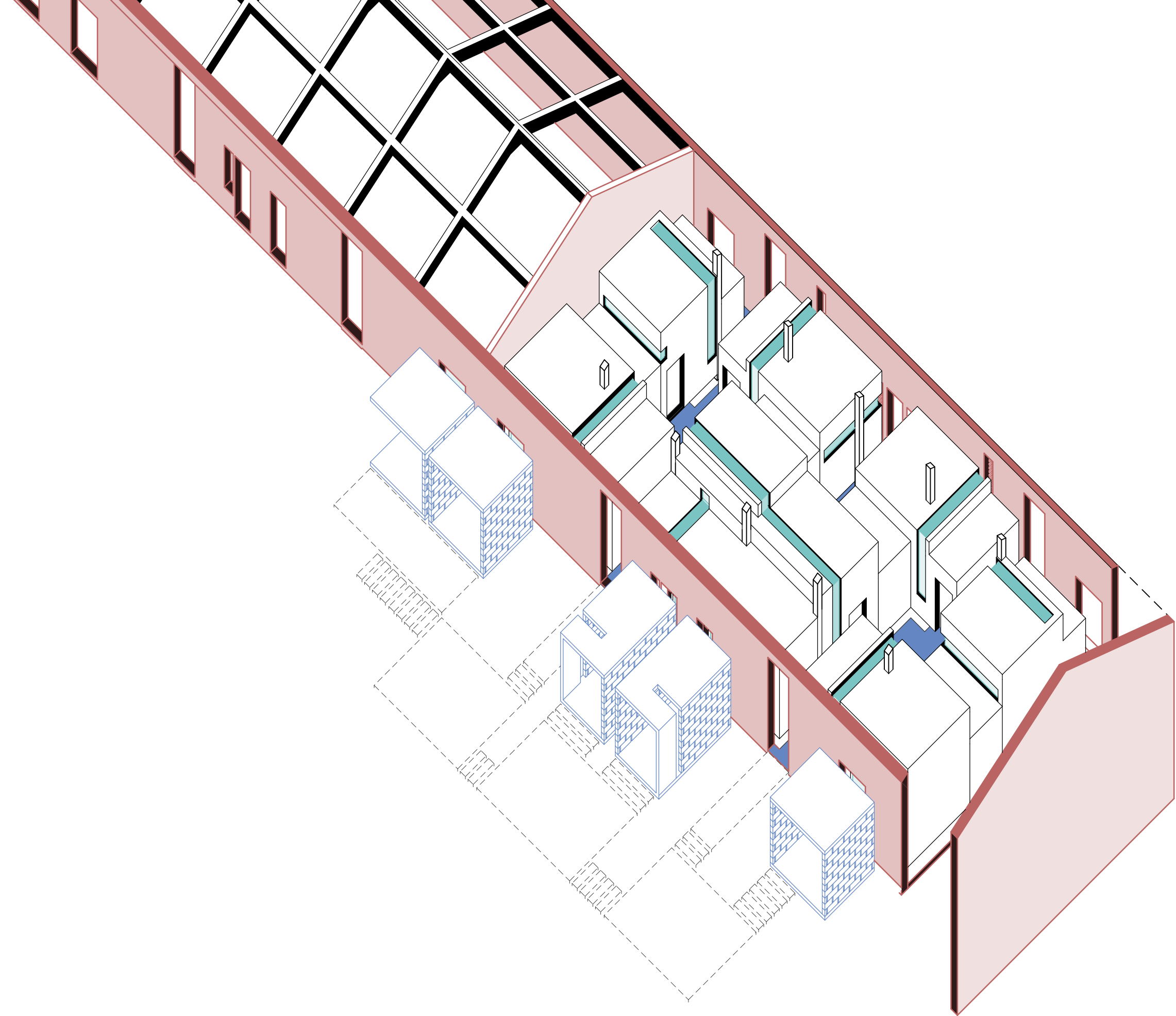
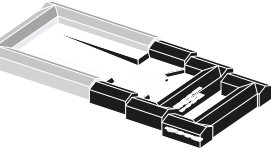


Elders

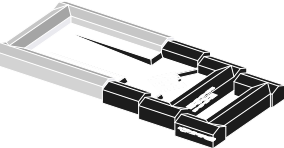


Level + 11.30

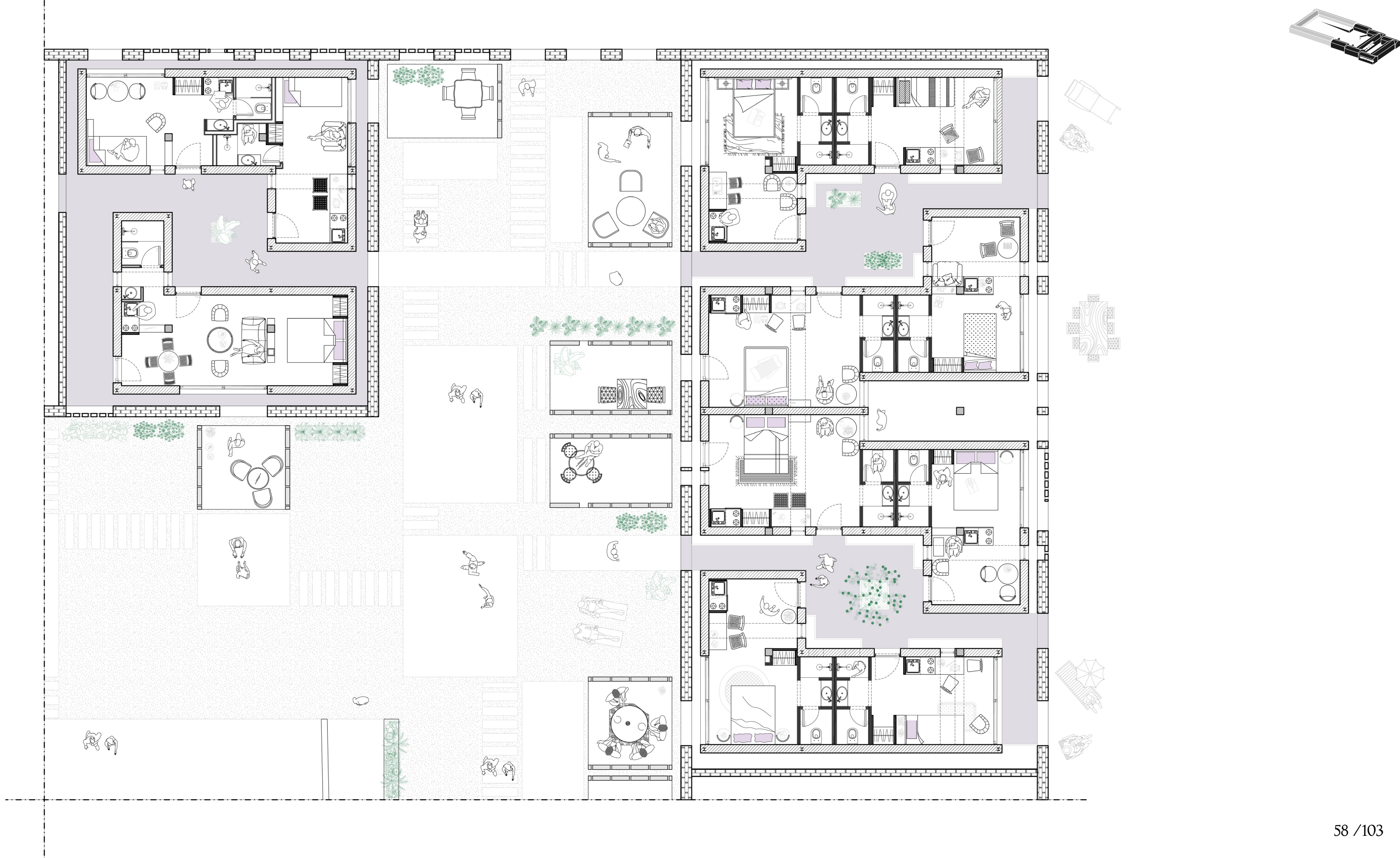


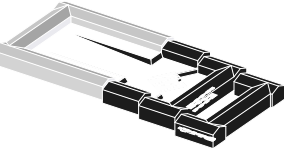


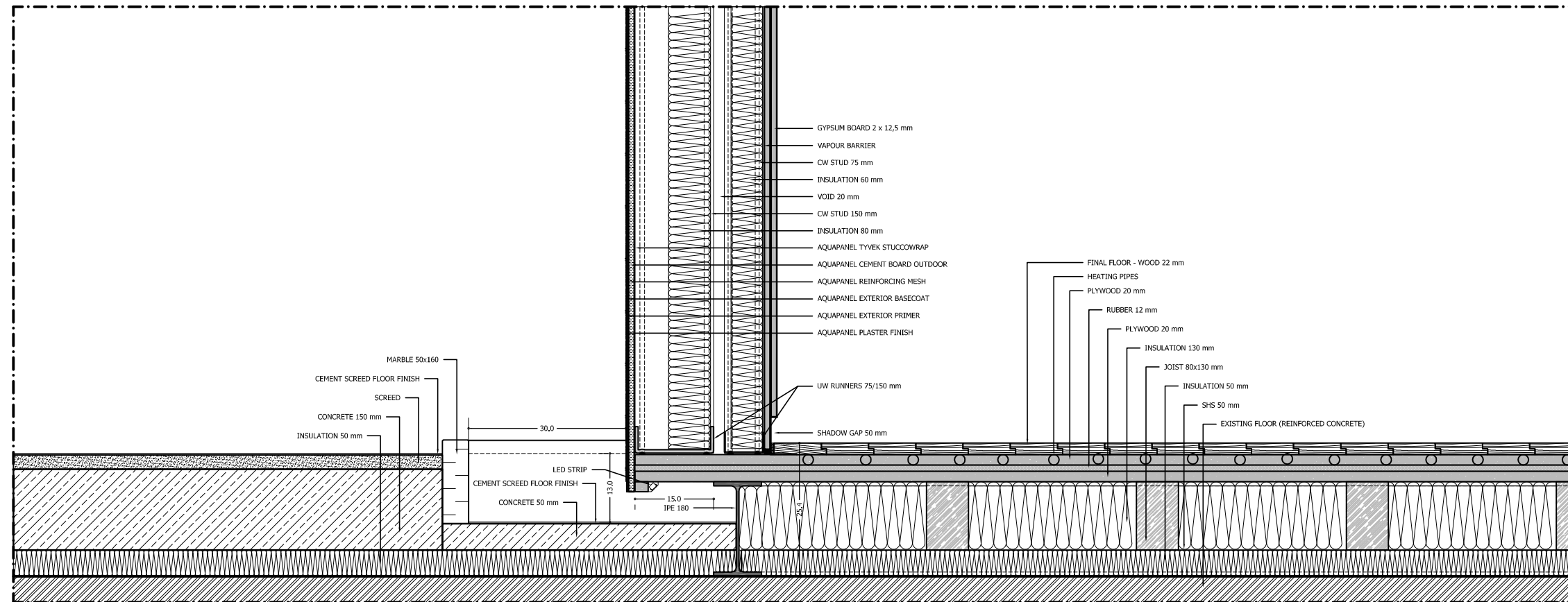
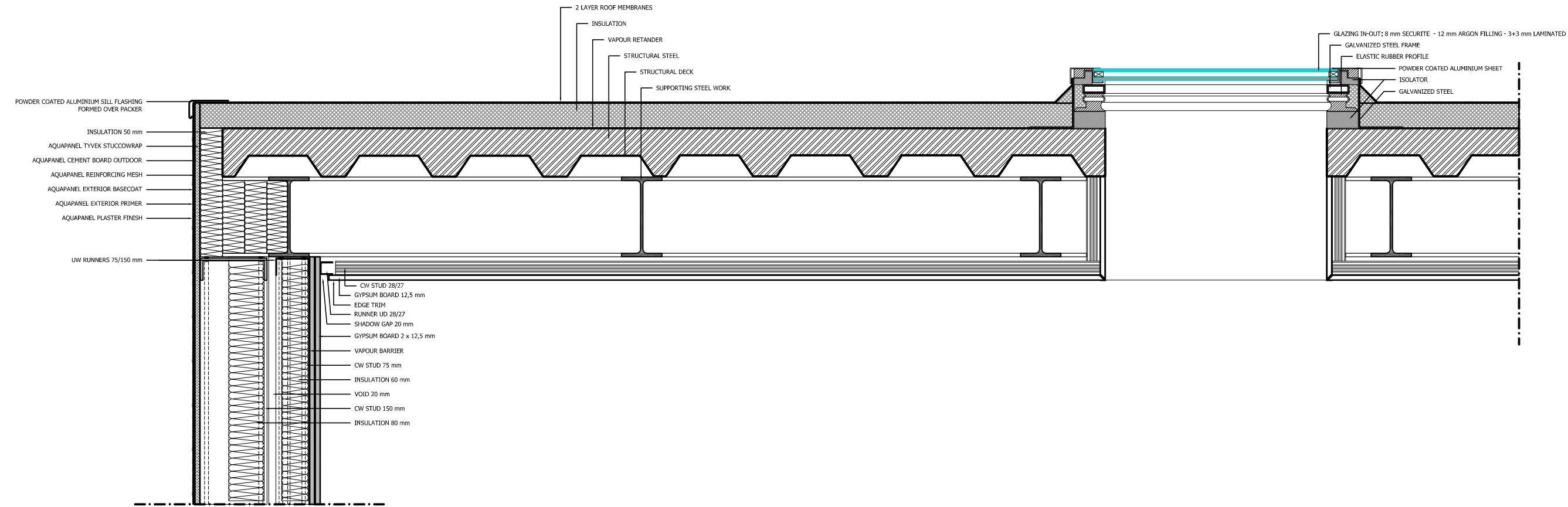
Aggregation of
volumes







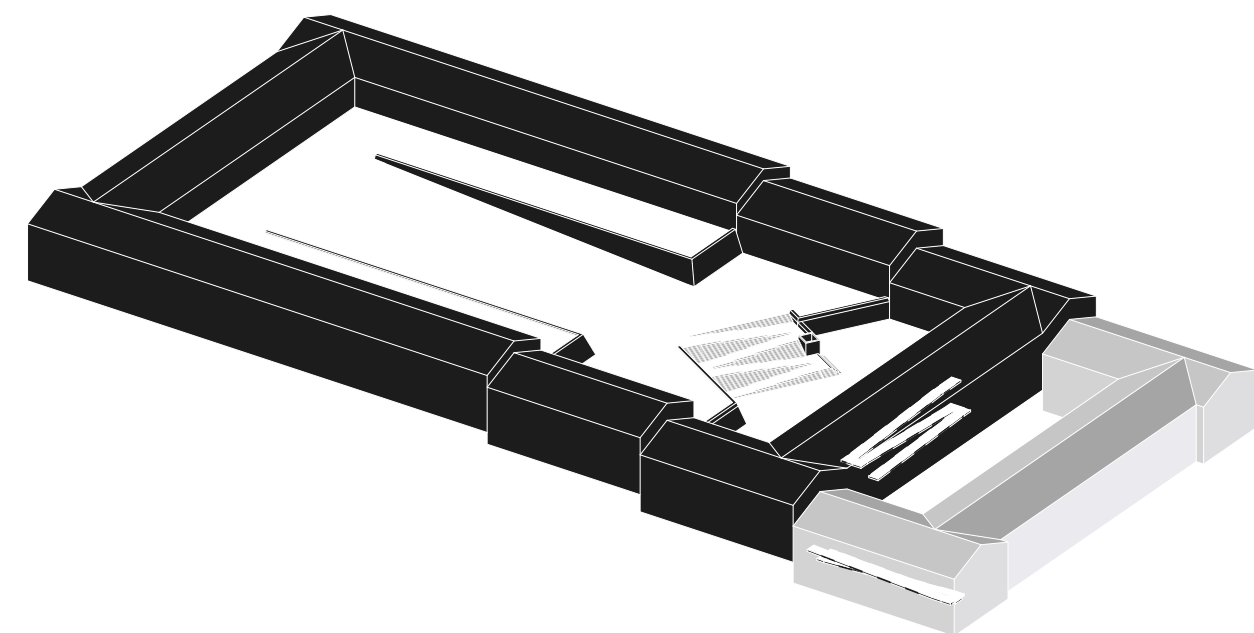




EXTERNAL WALL AND FLOOR DETAIL
JUNCTION TO EXTERNAL FLOORING

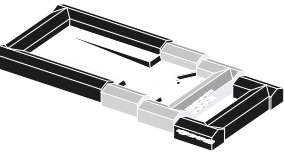




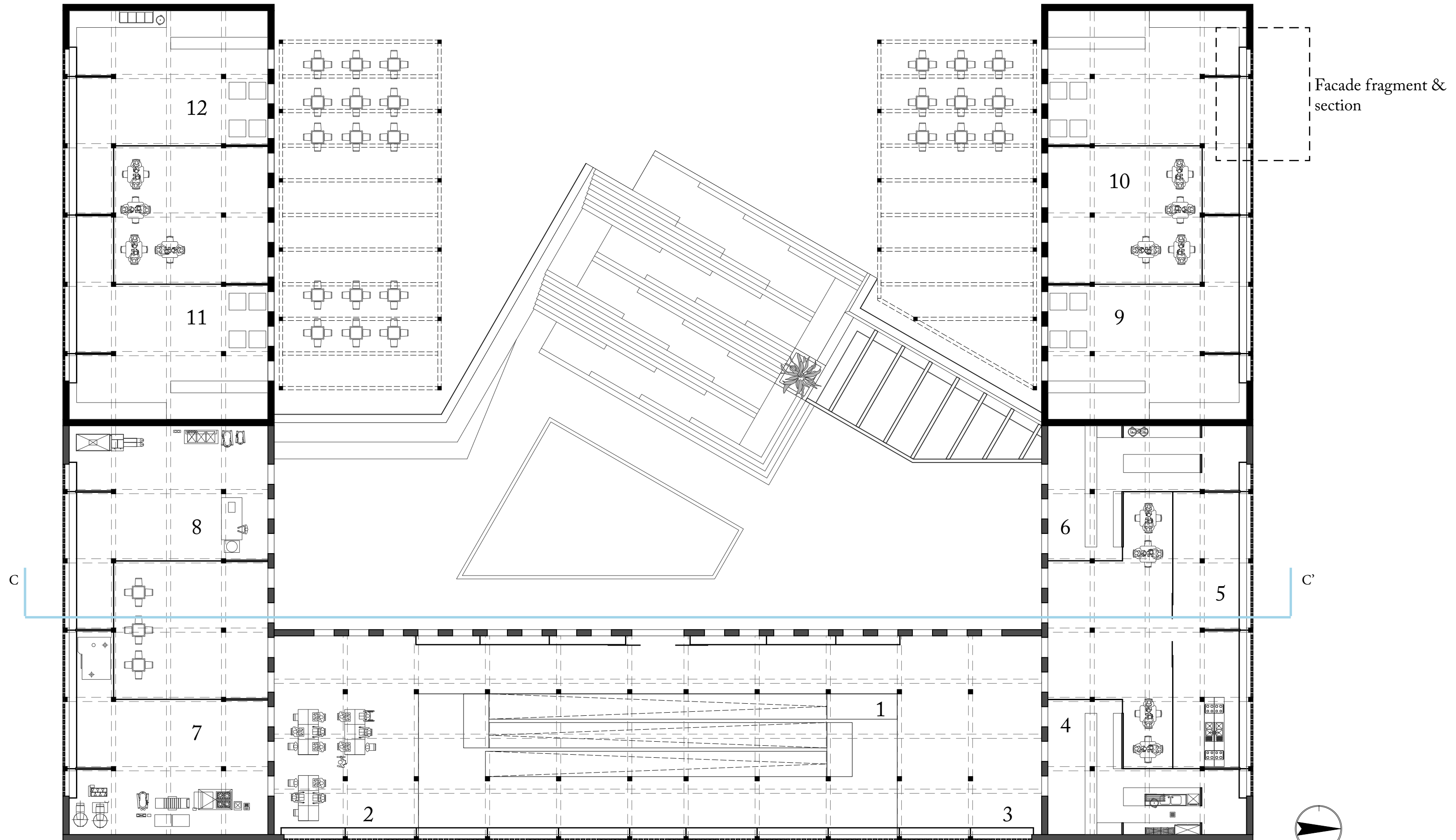


Agora & Academia



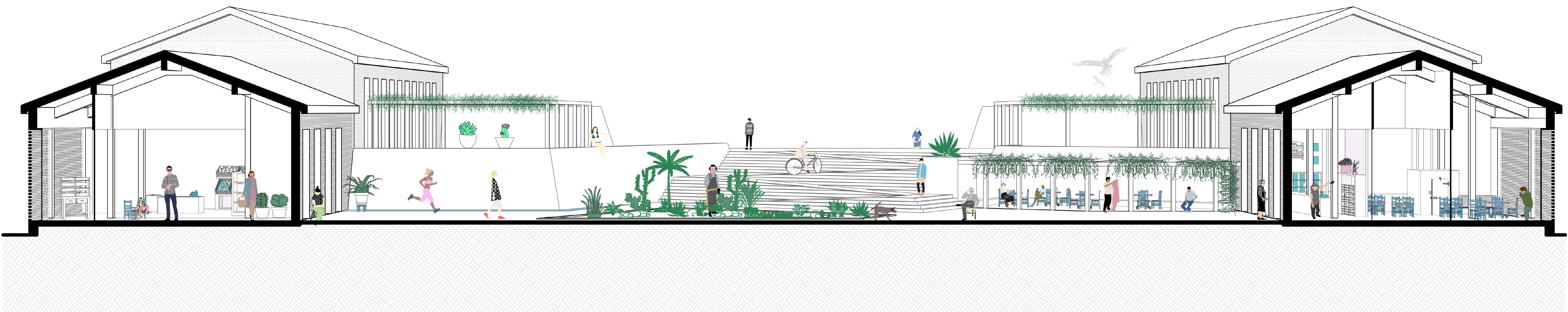
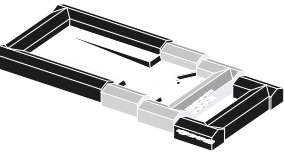


1. Ramp - entrance
2. Library
3. Sewing
4. Cheese making
5. Taverna
6. Bakery
7. Olive oil products
8. Liquor products
9. Spices
10. Grocery store
11. Butcher
12. Fishmonger

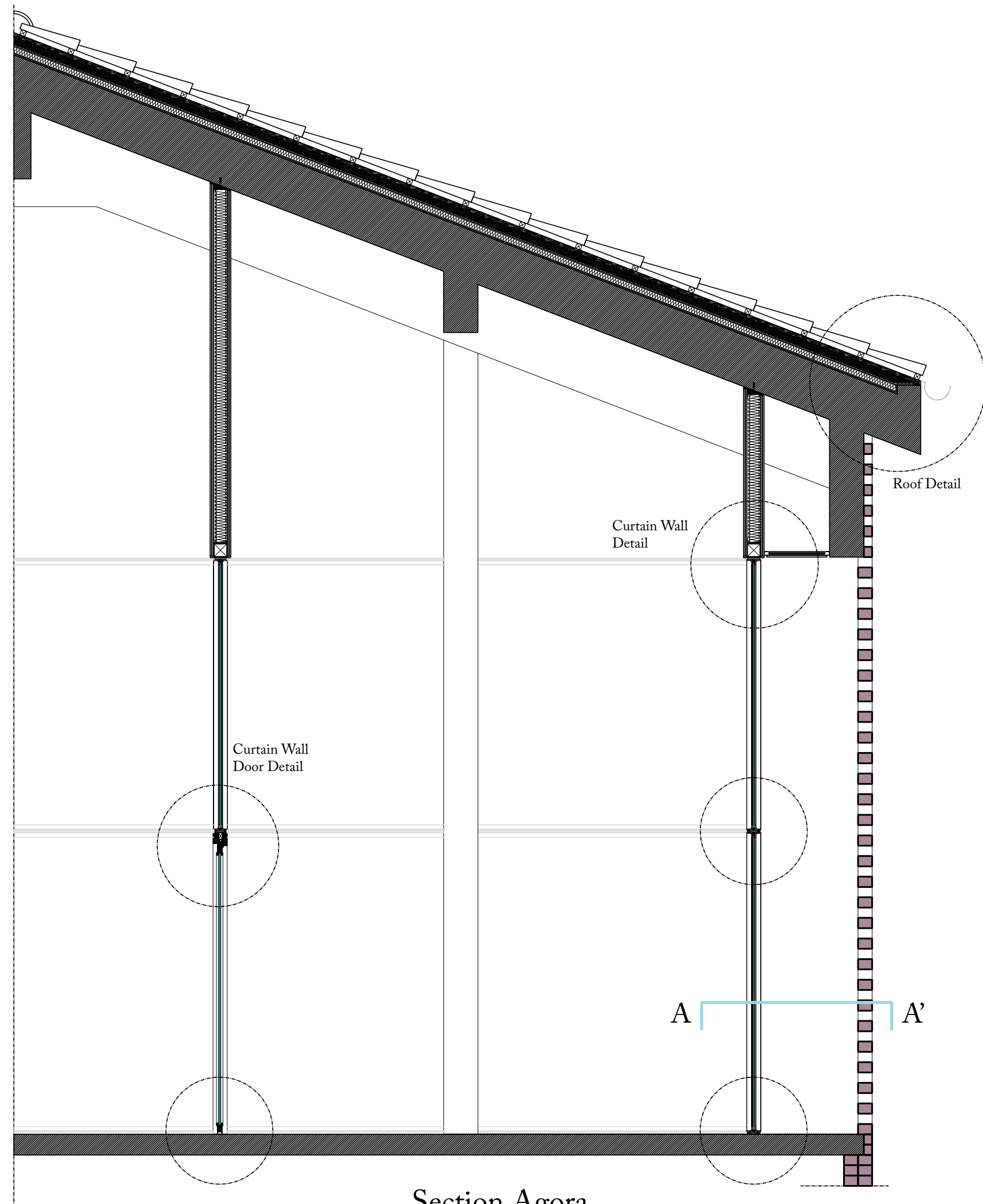
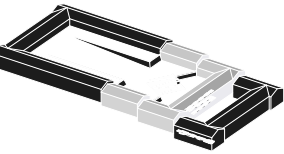


Agora & Academia
Scale 1:200

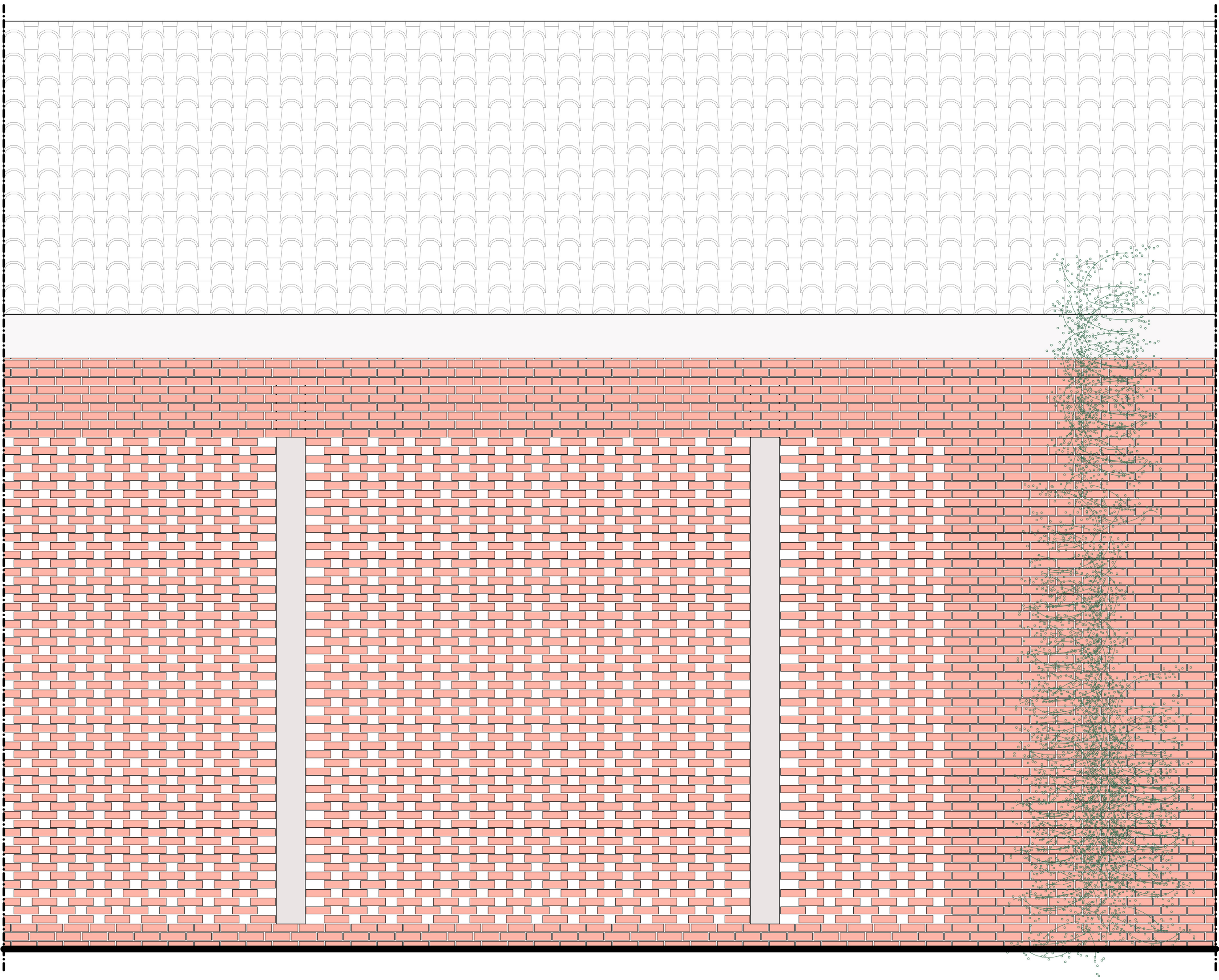
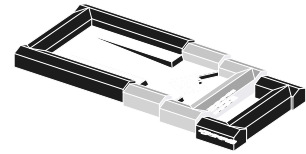


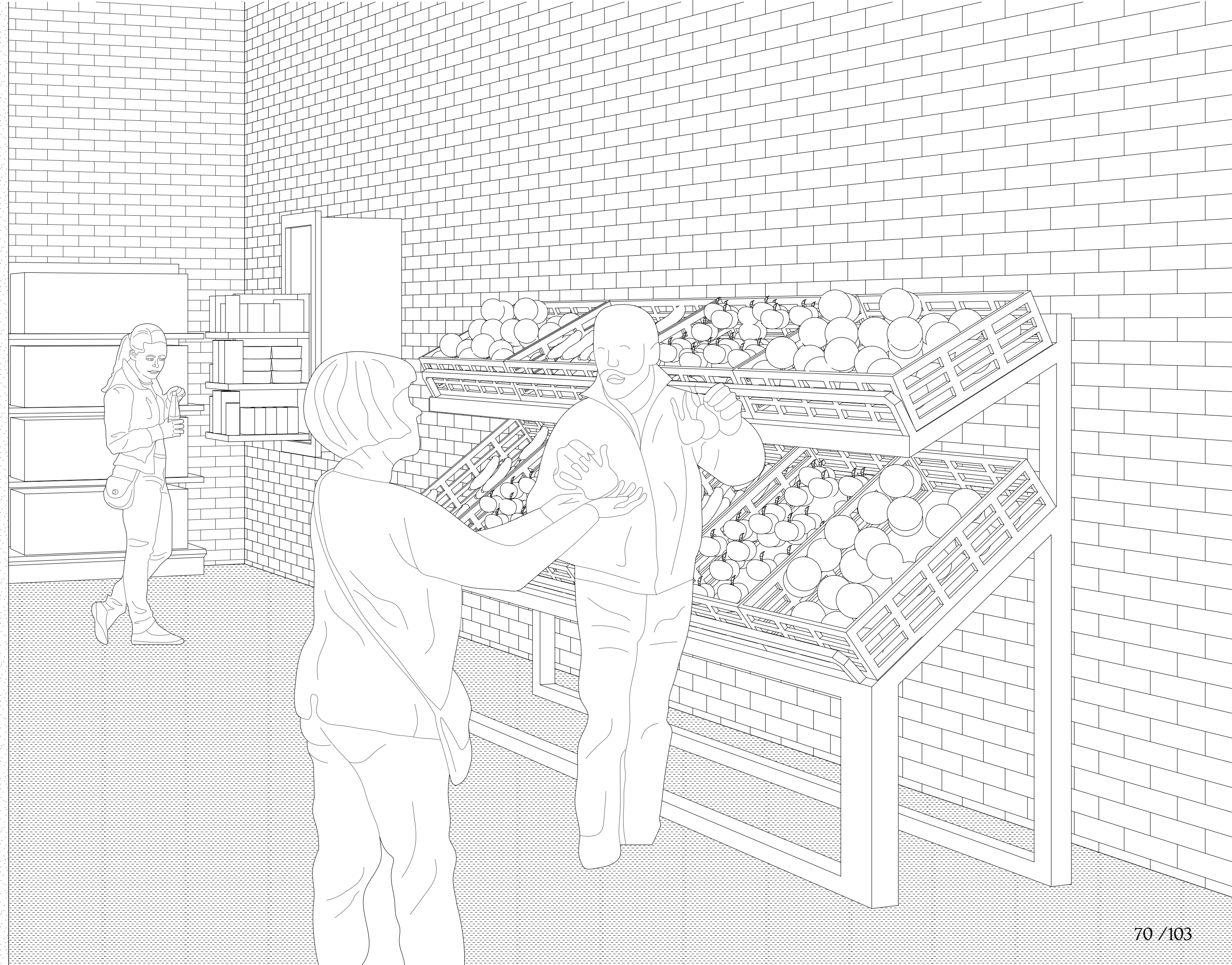
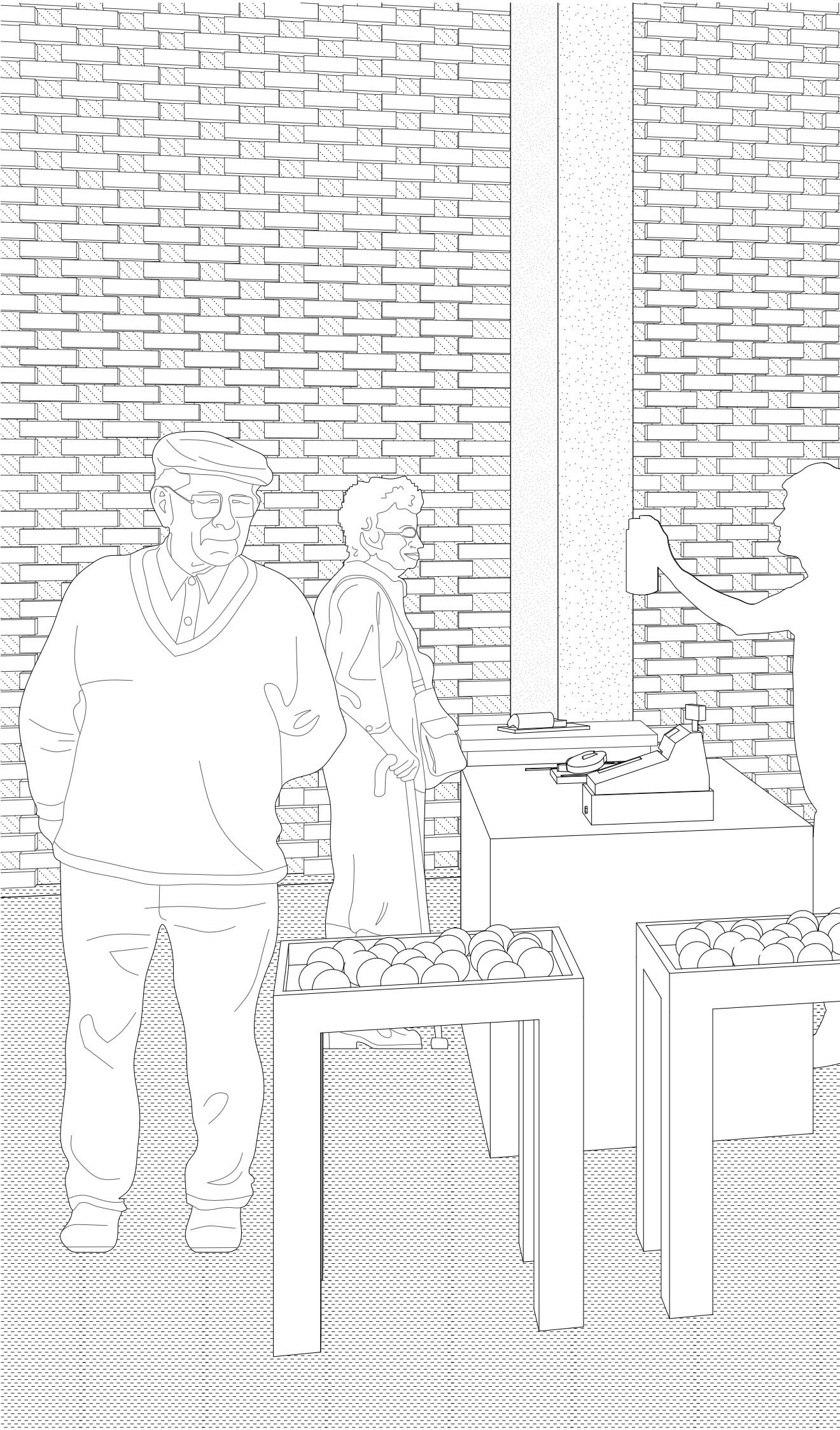


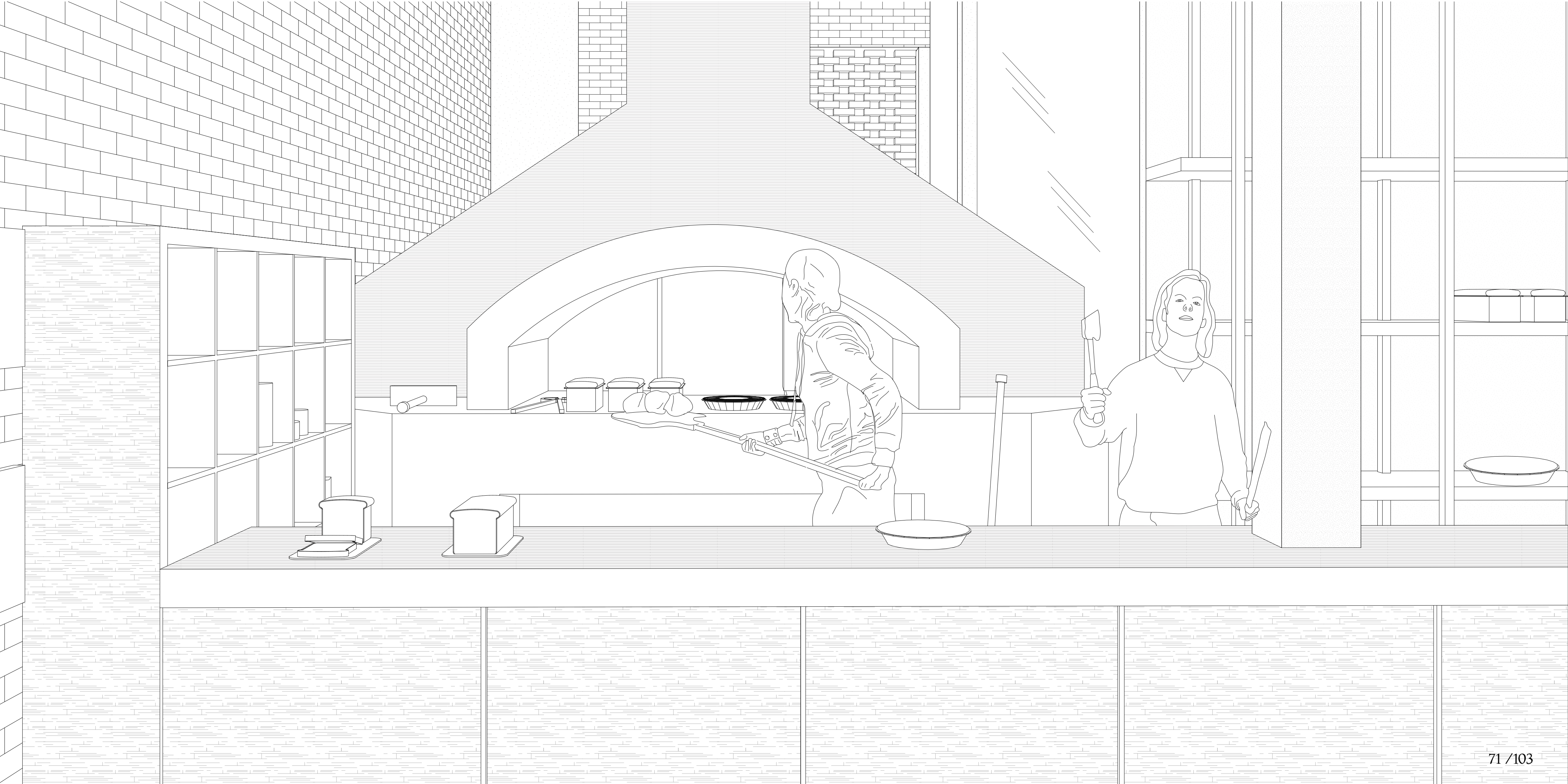
Academia & Agora CC'
Scale 1:100



Section Agora
Scale 1:20











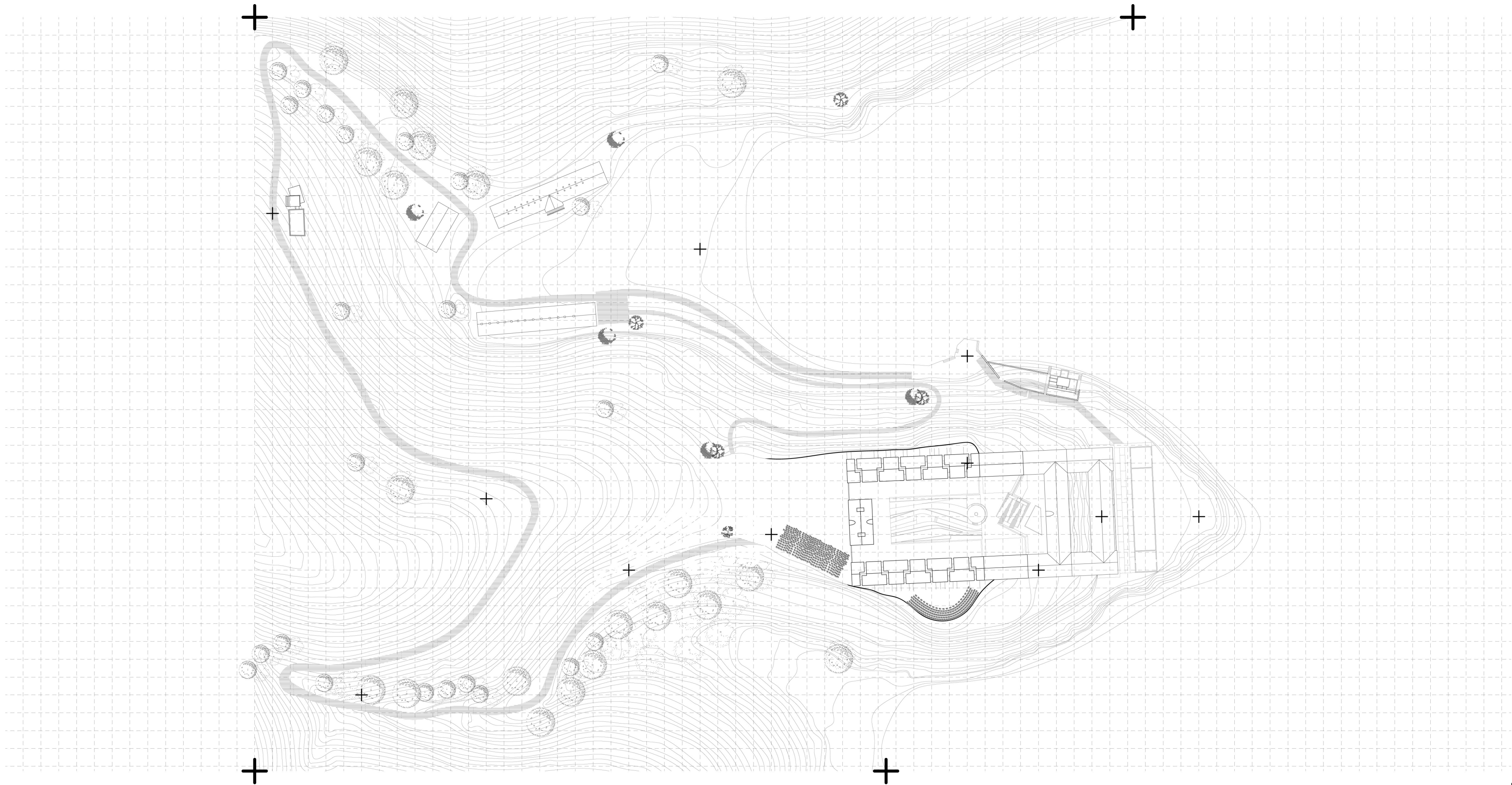
CONTENT:

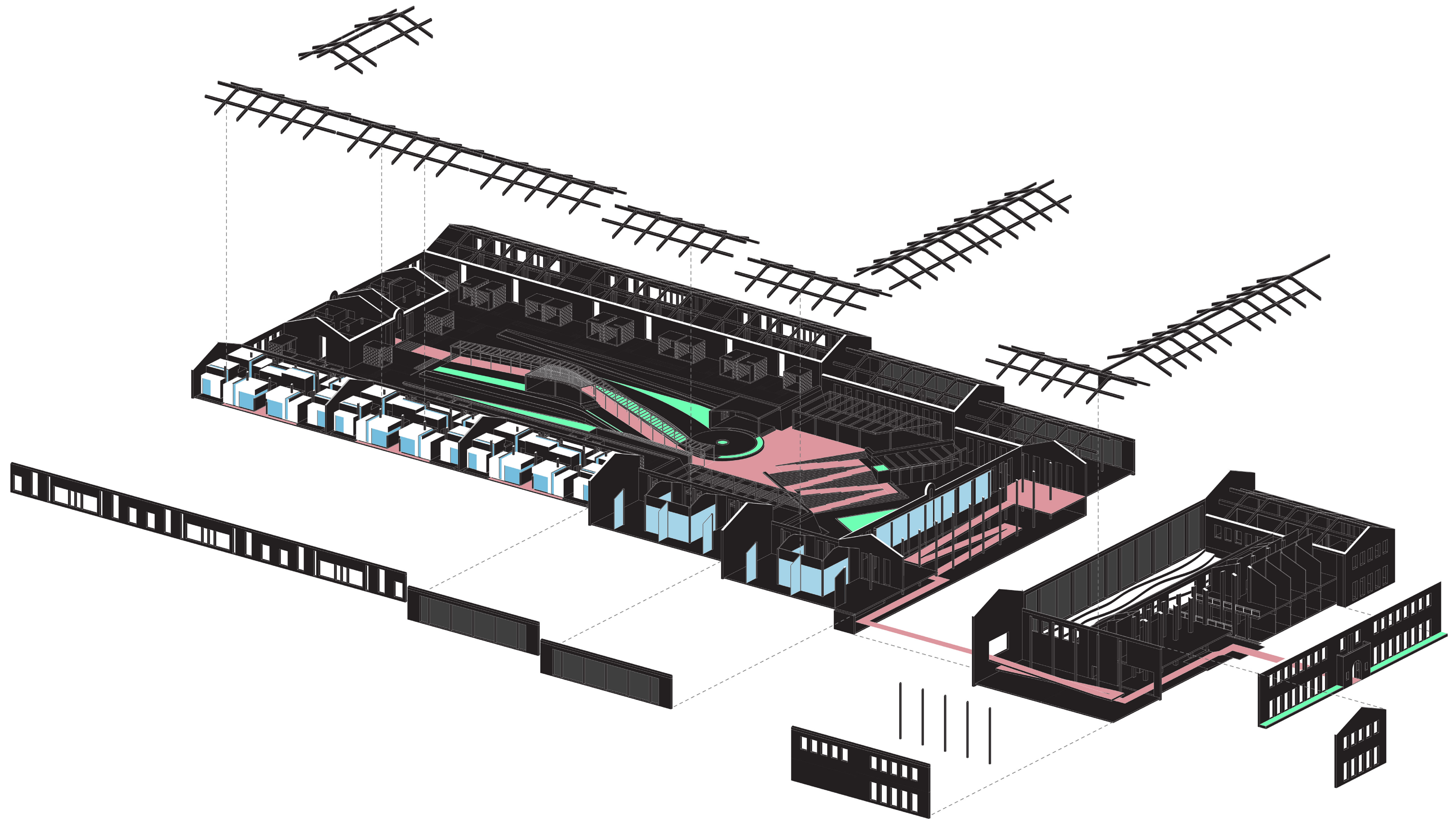
Research outcomes

Autarky community

Place of Eudaimonia

Claim of freedom

















POLIS

*Friendly feeling that comes
from sharing their lives and
goals with one another.*

