

PART I

PART II

PART III

Personal Positioning



PART I

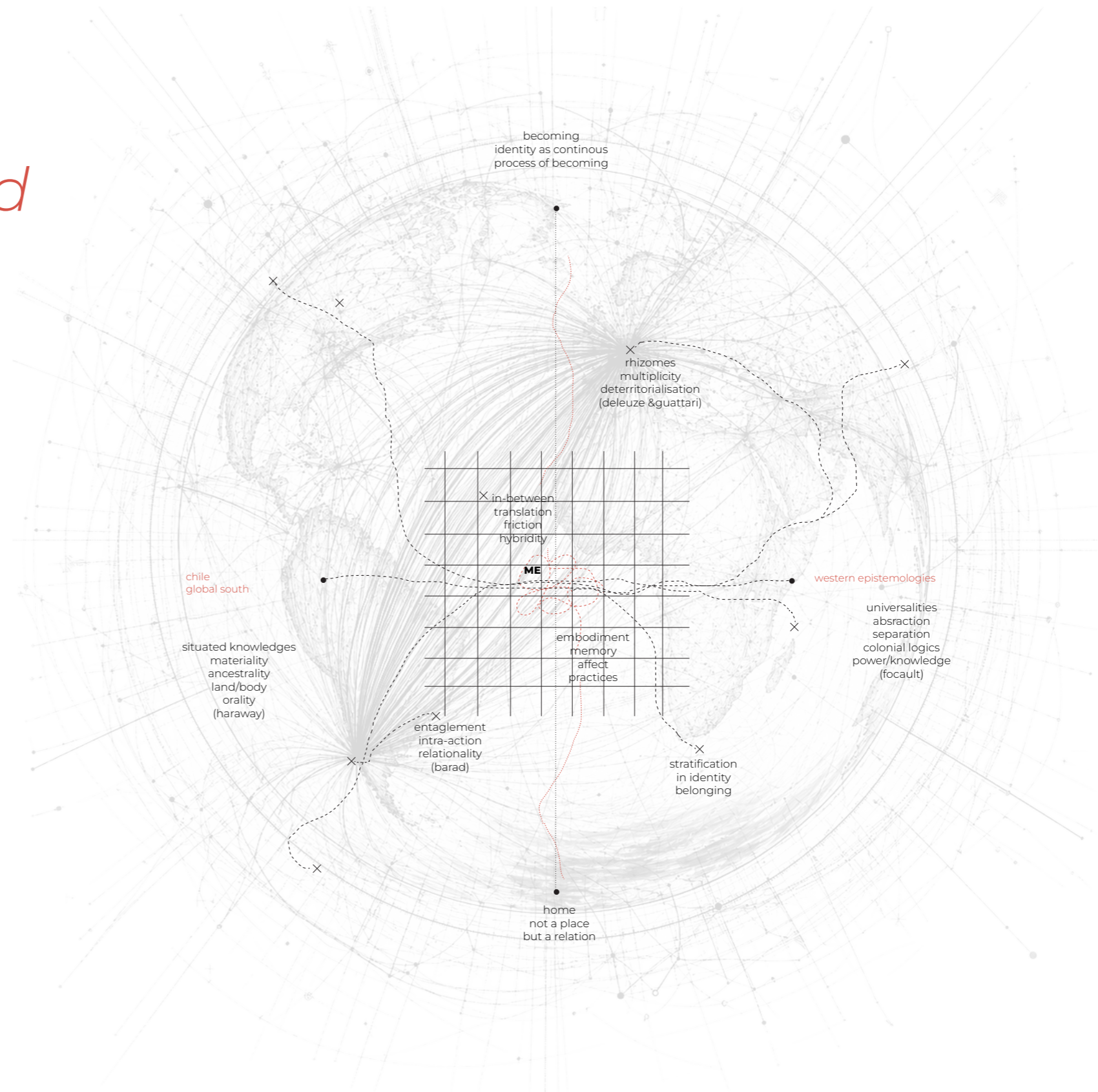
PART II

PART III

PART IV

PART V

In Between as Method

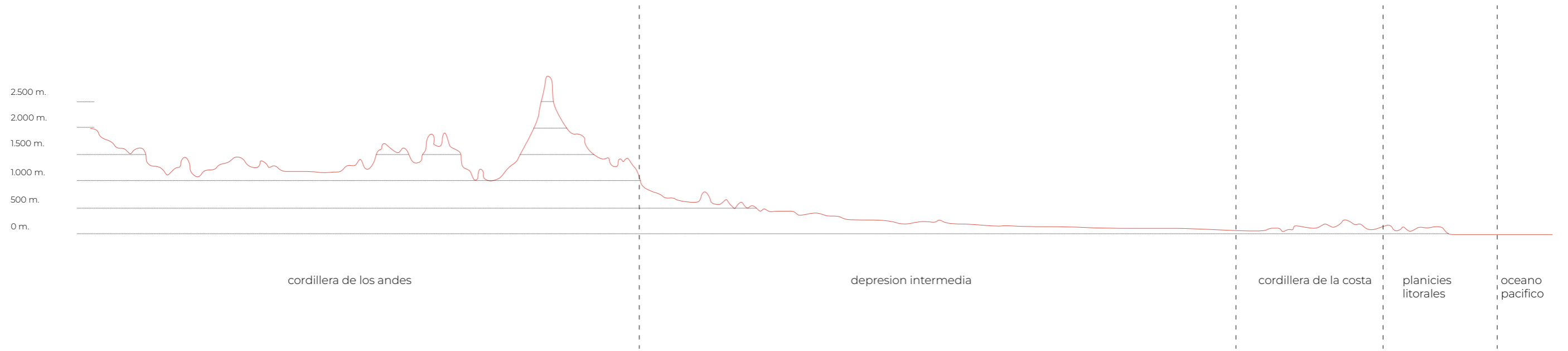


PART I

Verticality: Read in Section

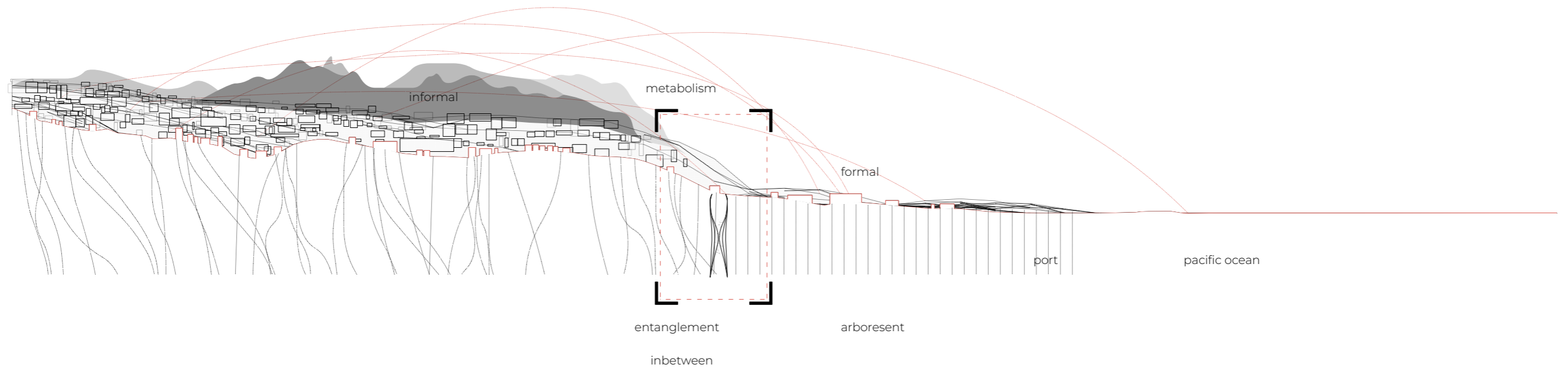
PART II

PART III



PART IV

PART V



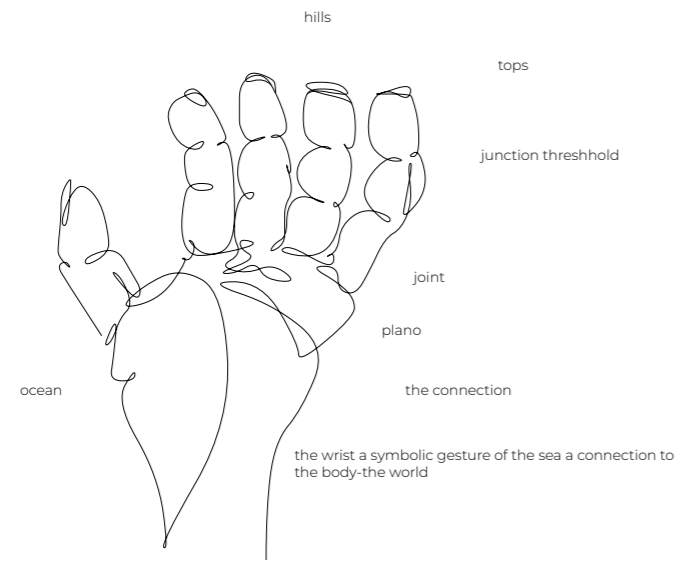
MACRO

PART I

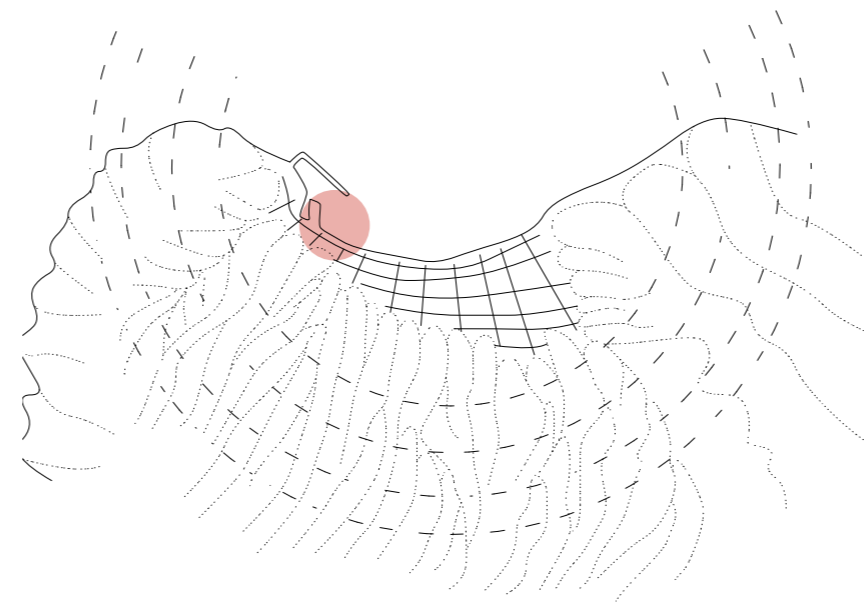
Verticality: Read in Section

PART II

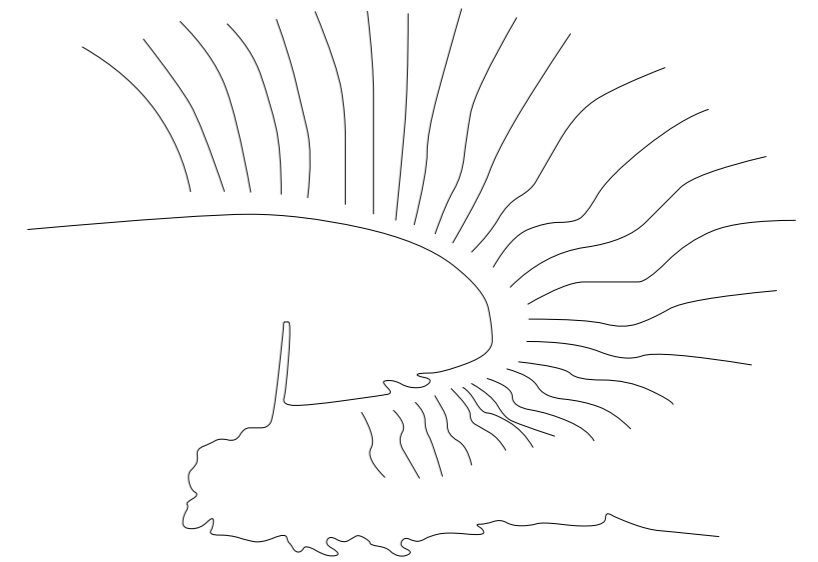
PART III



the city is a hand



the entangled hills



the metabolic amphitheatre

PART IV

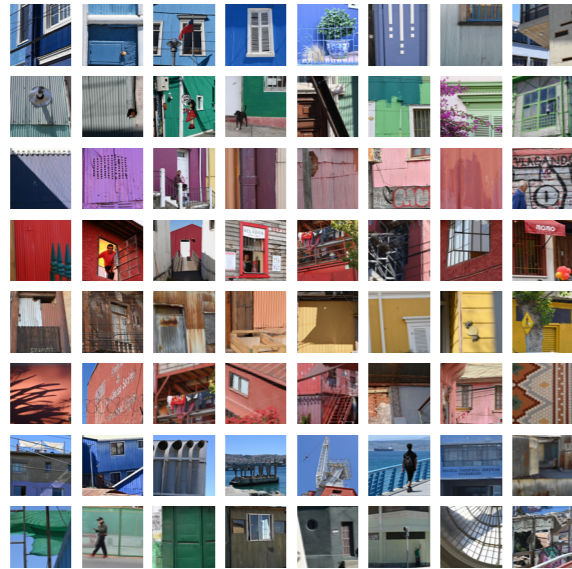
PART V

PART I

Chromatic Imaginaries

PART II

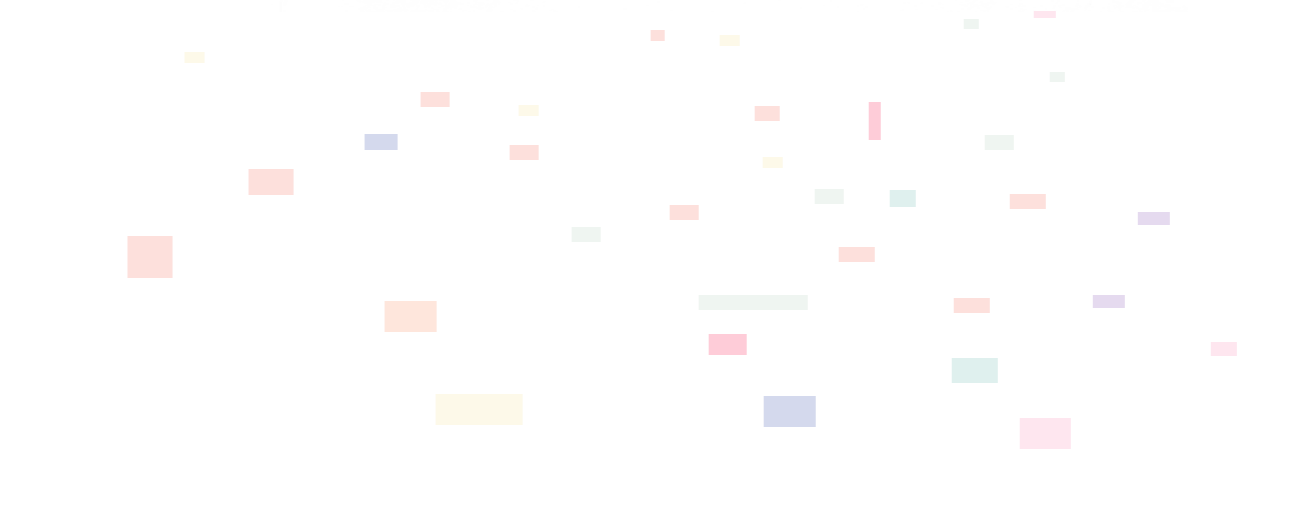
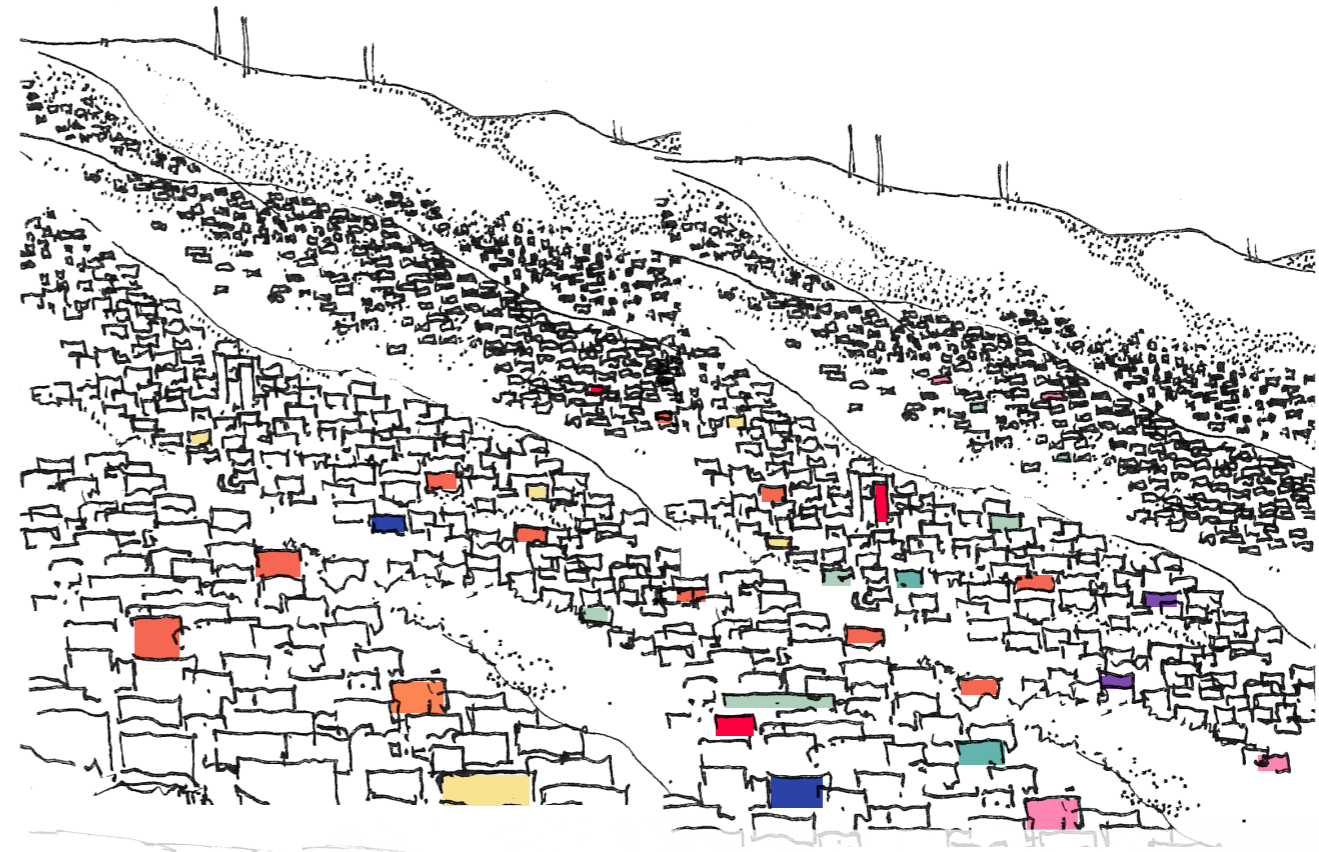
PART III



PART IV



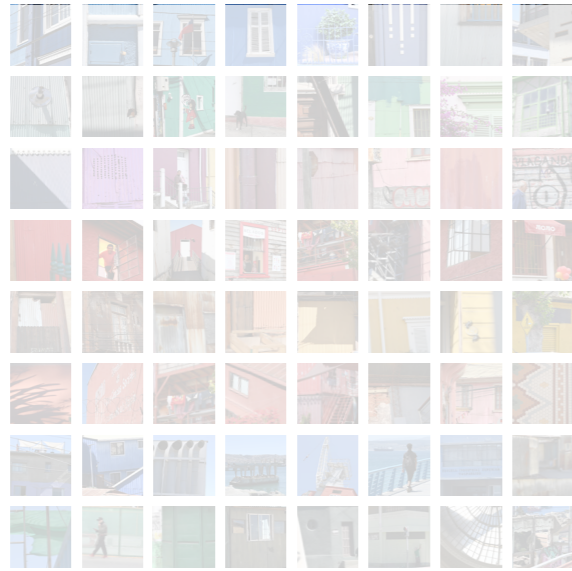
PART V



PART I

Chromatic Imaginaries

PART II



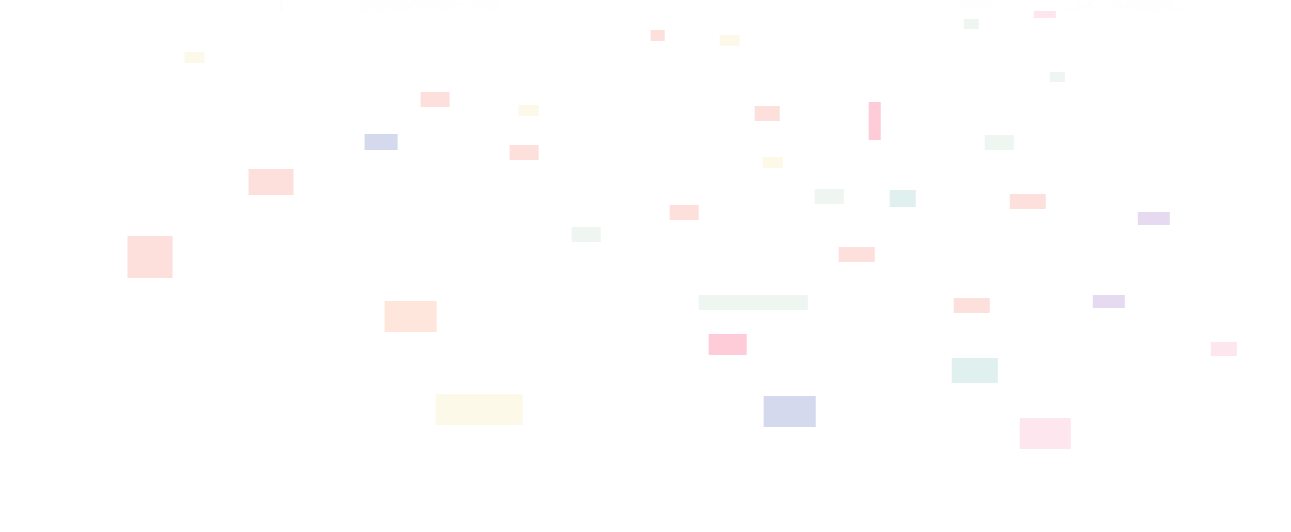
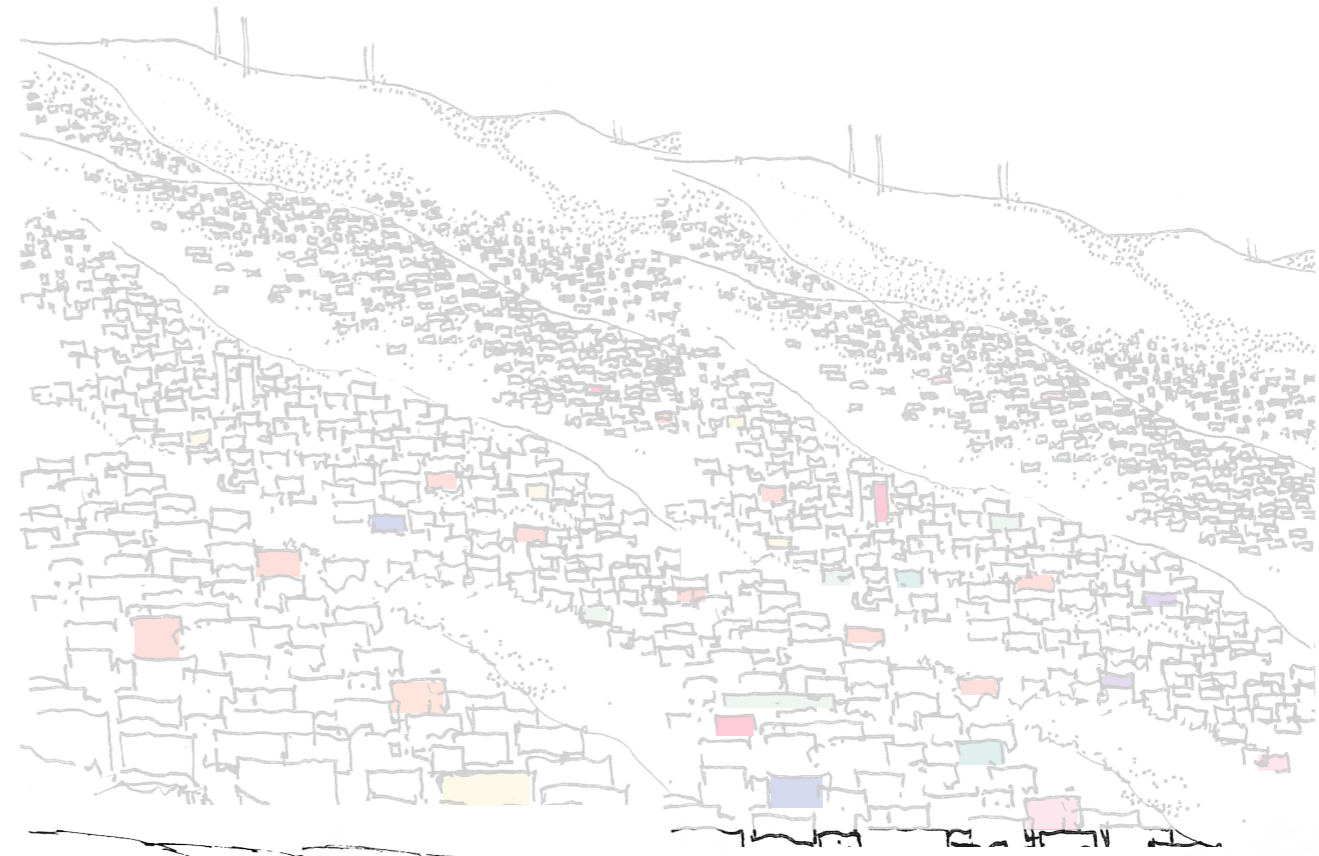
PART III



PART IV



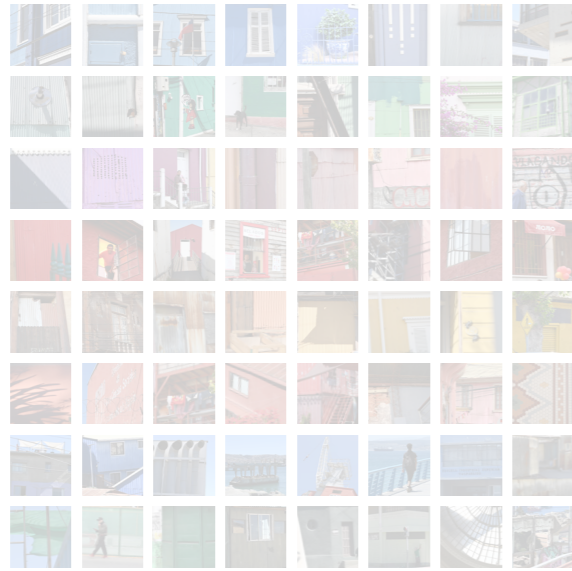
PART V



PART I

Chromatic Imaginaries

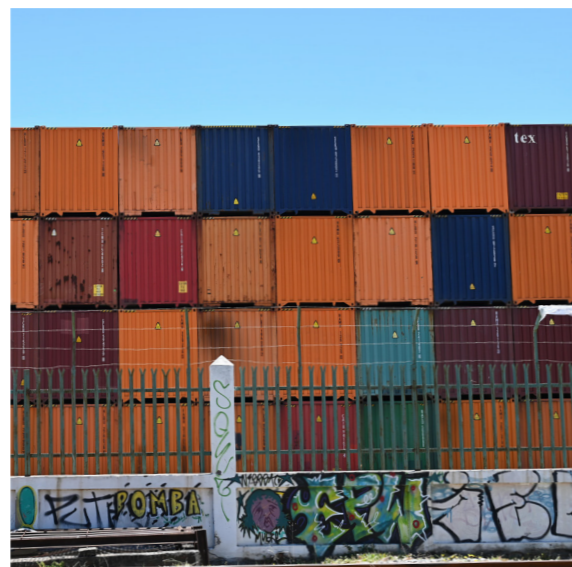
PART II



PART III



PART IV



PART V

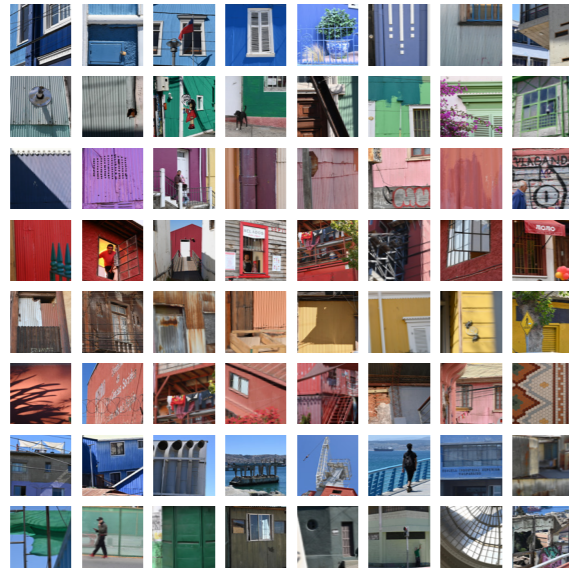


PART I

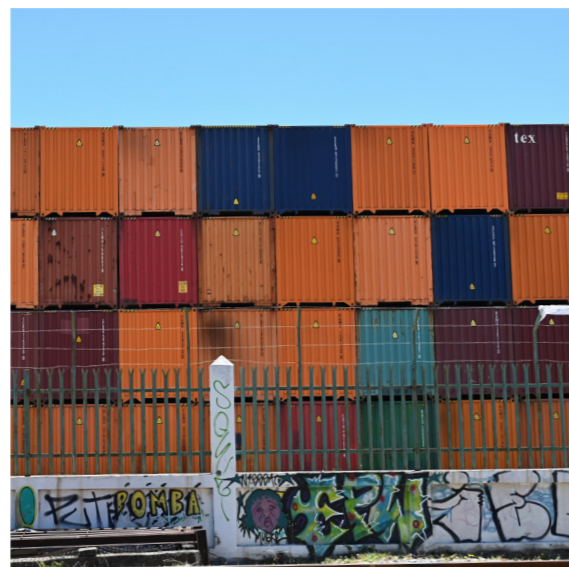
Chromatic Imaginaries

PART II

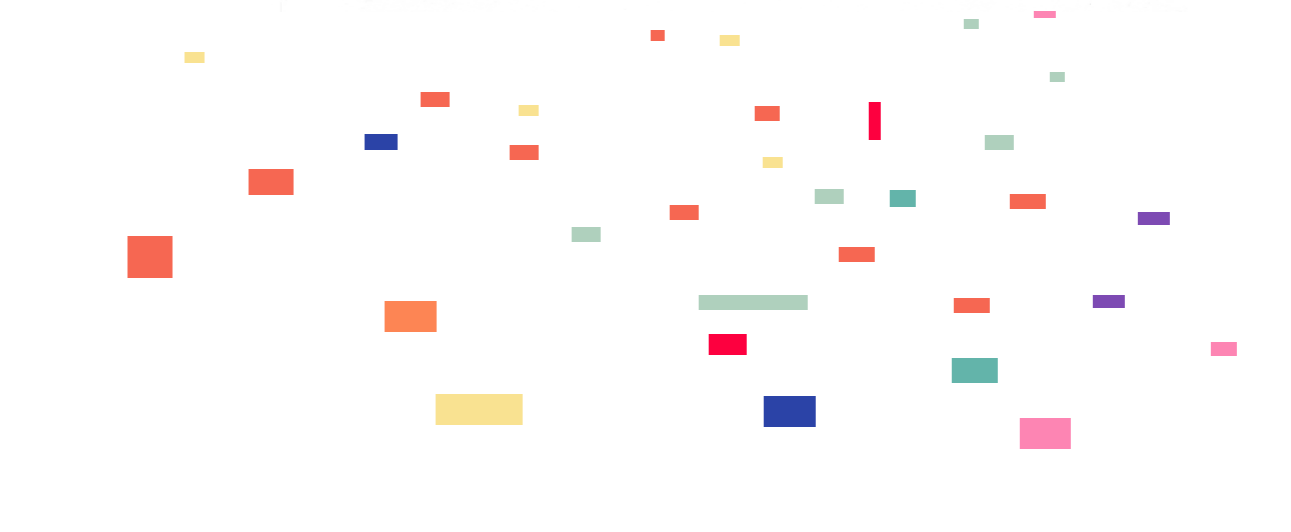
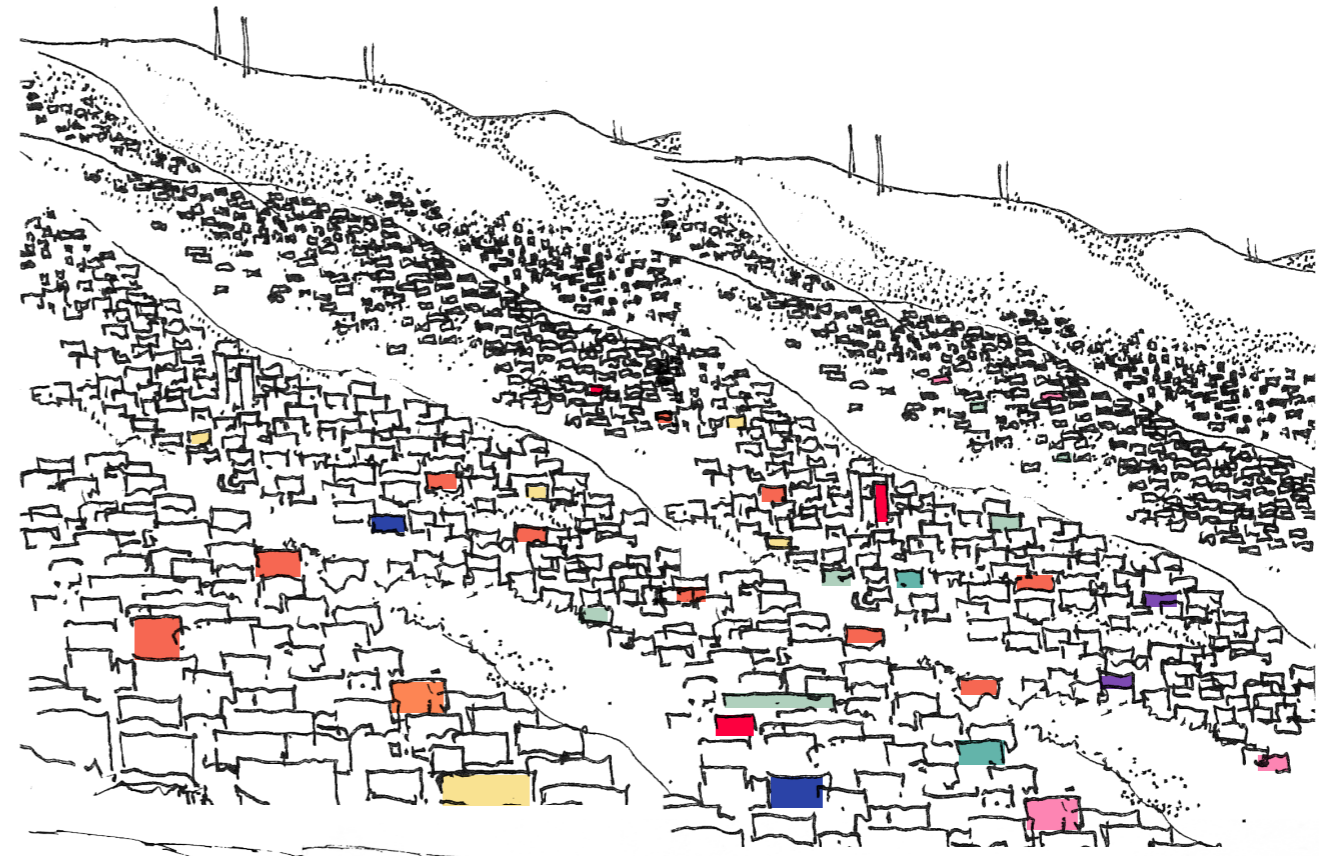
PART III



PART IV



PART V

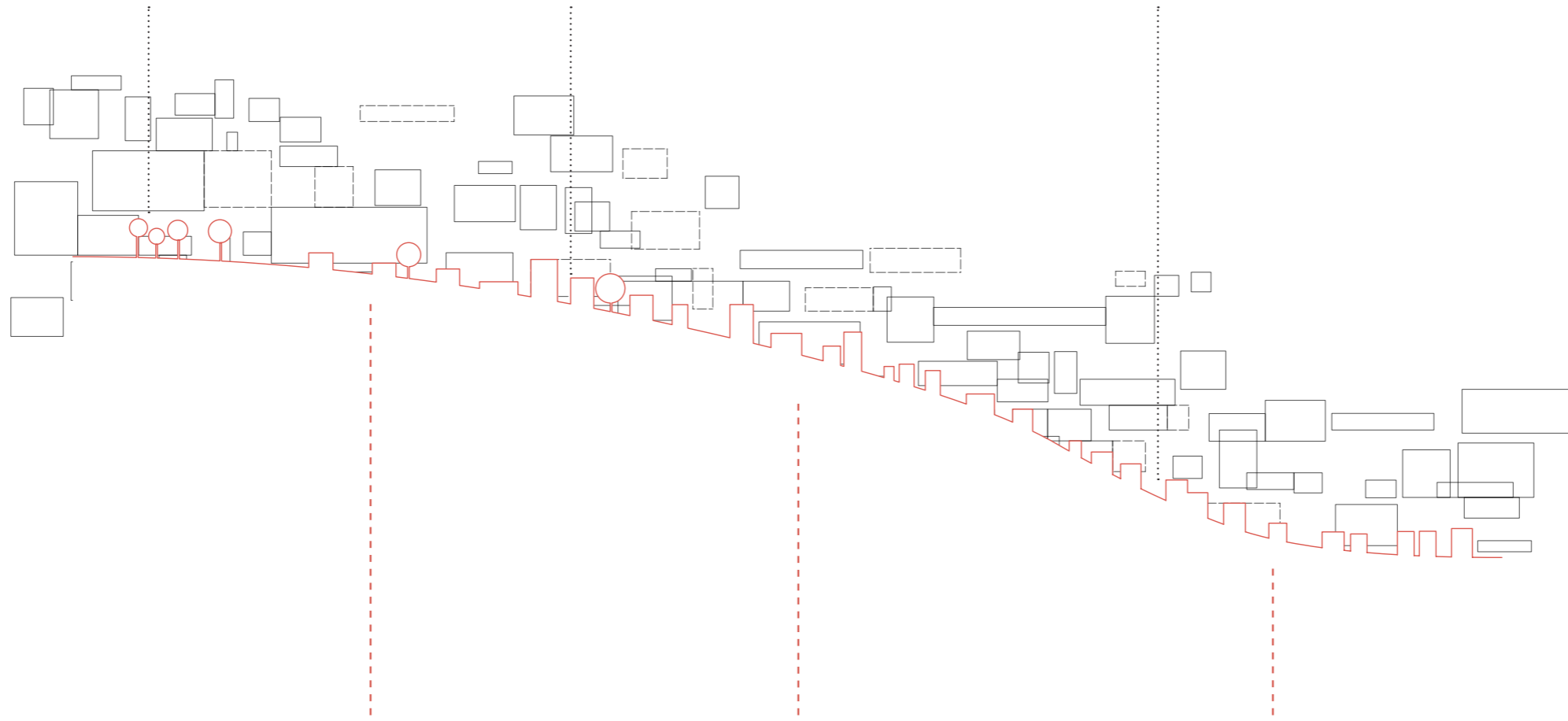


PART I

Verticality: Read in Section

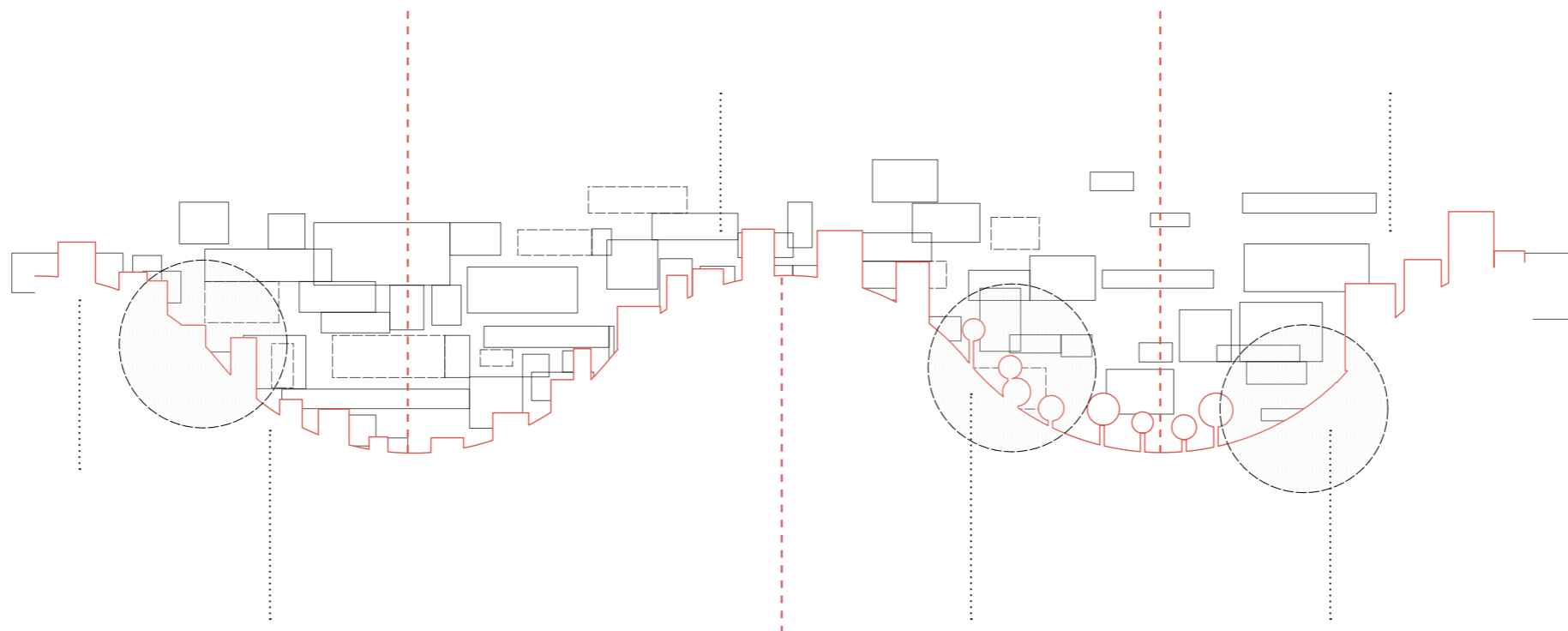
PART II

PART III



PART IV

PART V



MESO

PART I

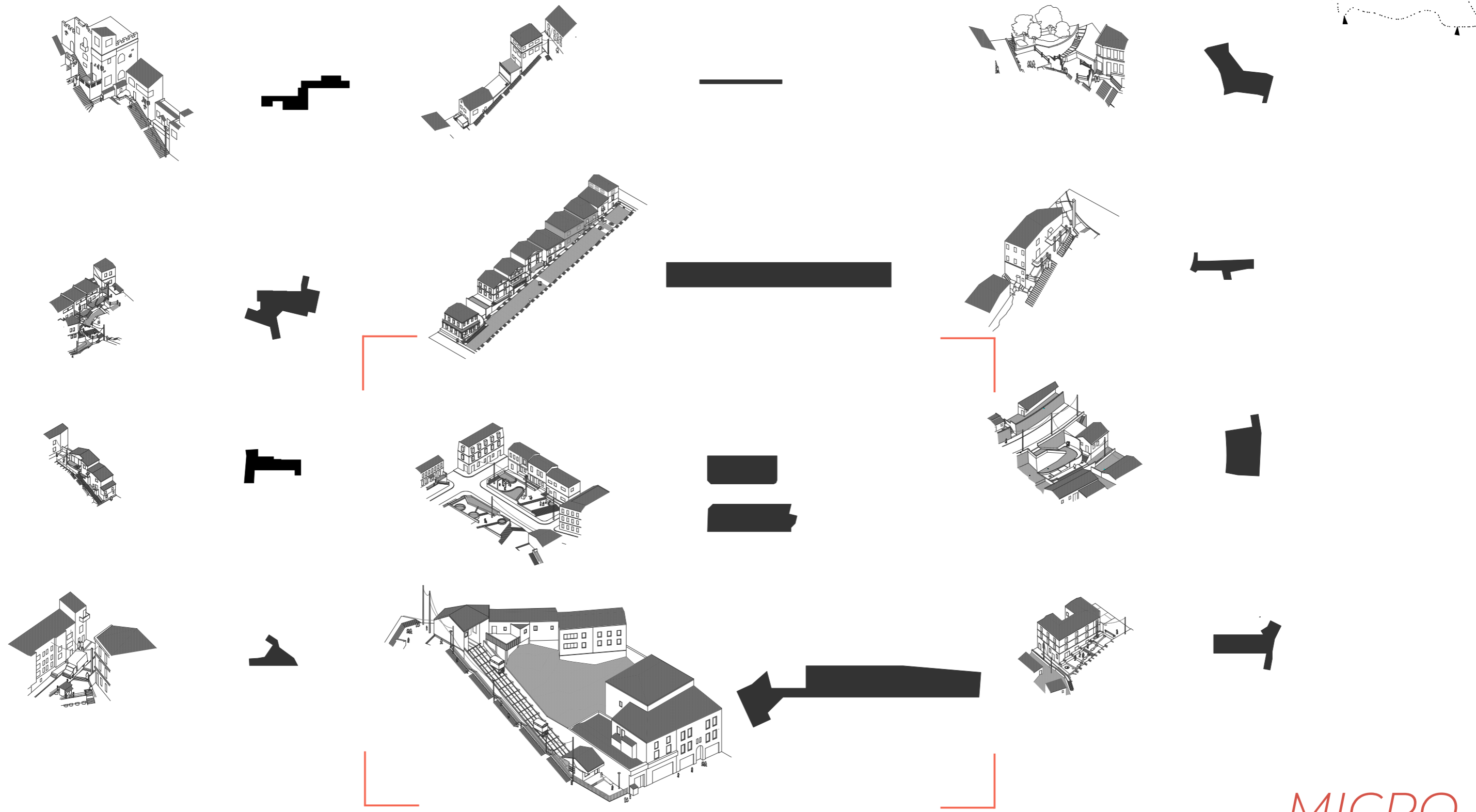
Verticality: Read in Section

PART II

PART III

PART IV

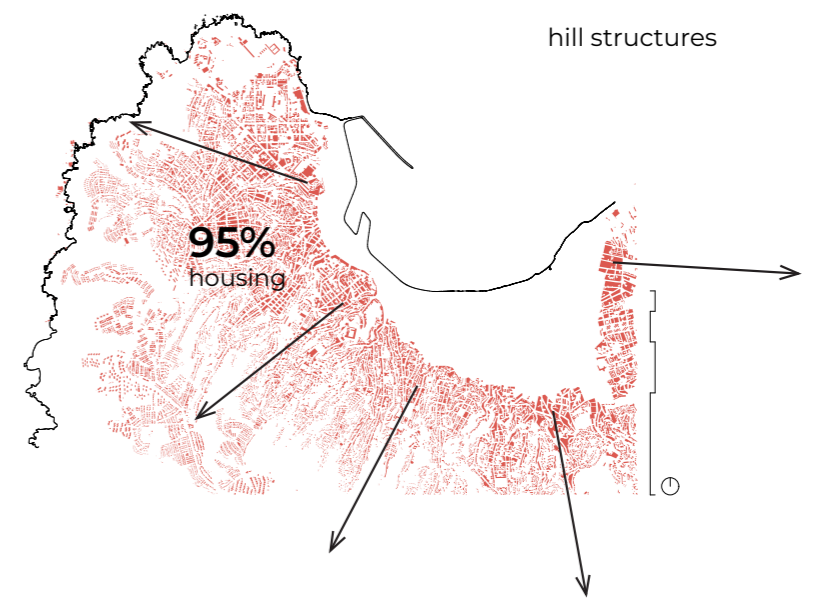
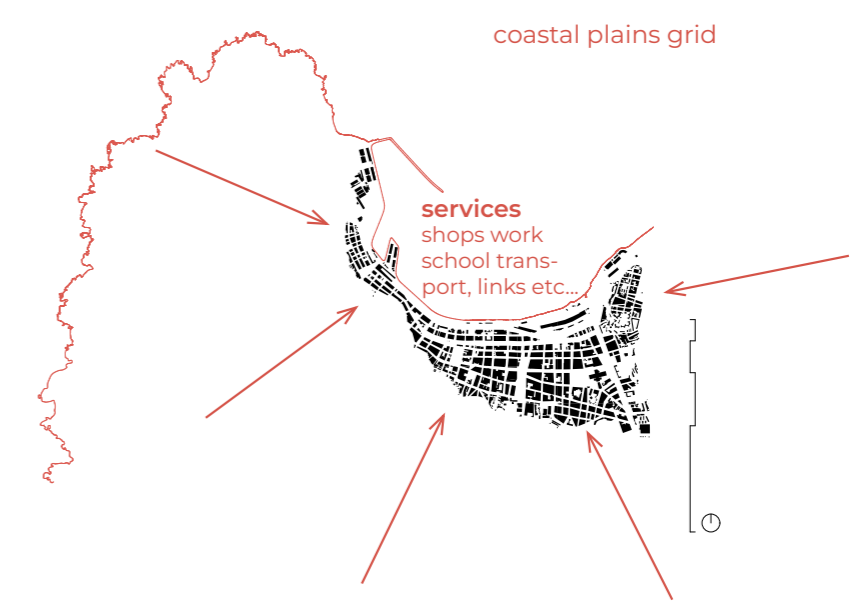
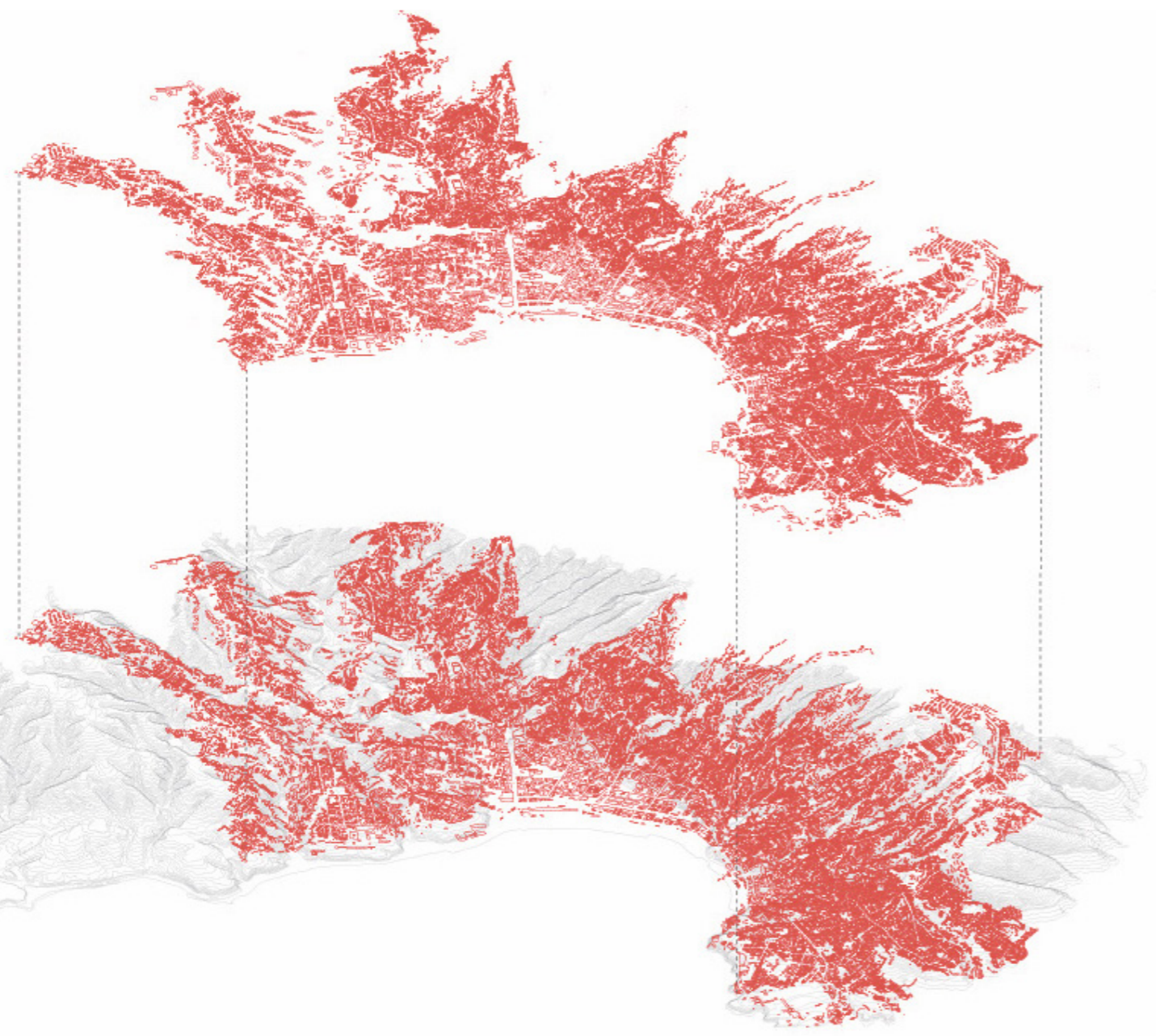
PART V



MICRO

PART I
PART II
PART III
PART IV
PART V

Paradox: Grid vs. Hills



PART I

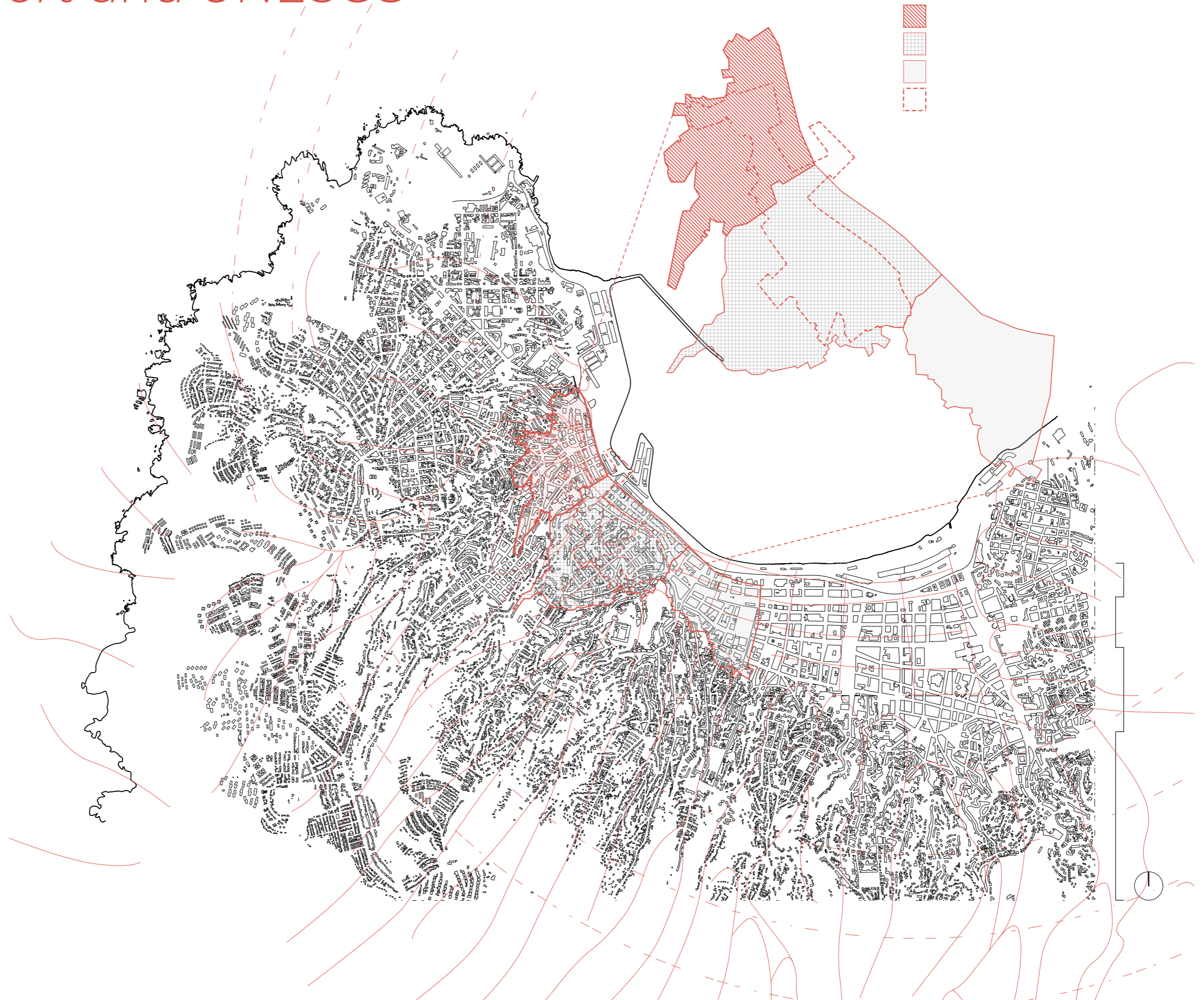
PART II

PART III

PART IV

PART V

Paradox: *Port and UNESCO*



PART I

PART II

PART III

PART IV

PART V

PART I
Port Abandonment

PART II

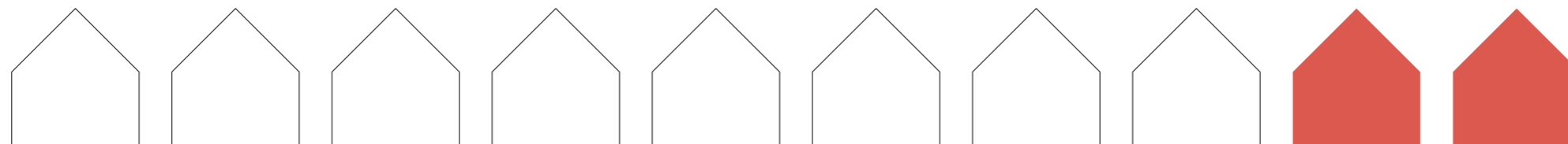
PART III



PART IV

PART V

20%



of houses vacant in valparaíso

Research *Question*

To what extent can architecture act as a
**mediator between formal institutions
and informal practices**

to produce a **co-productive commons** in
Valparaíso's vertically stratified fabric?

Urban Networks

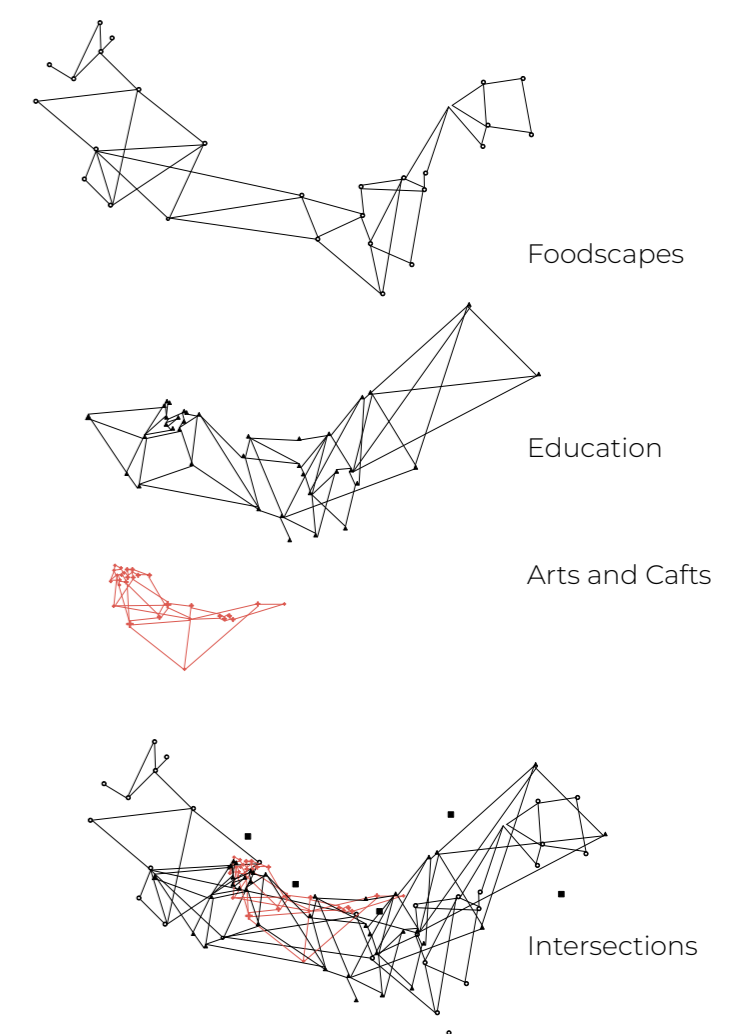
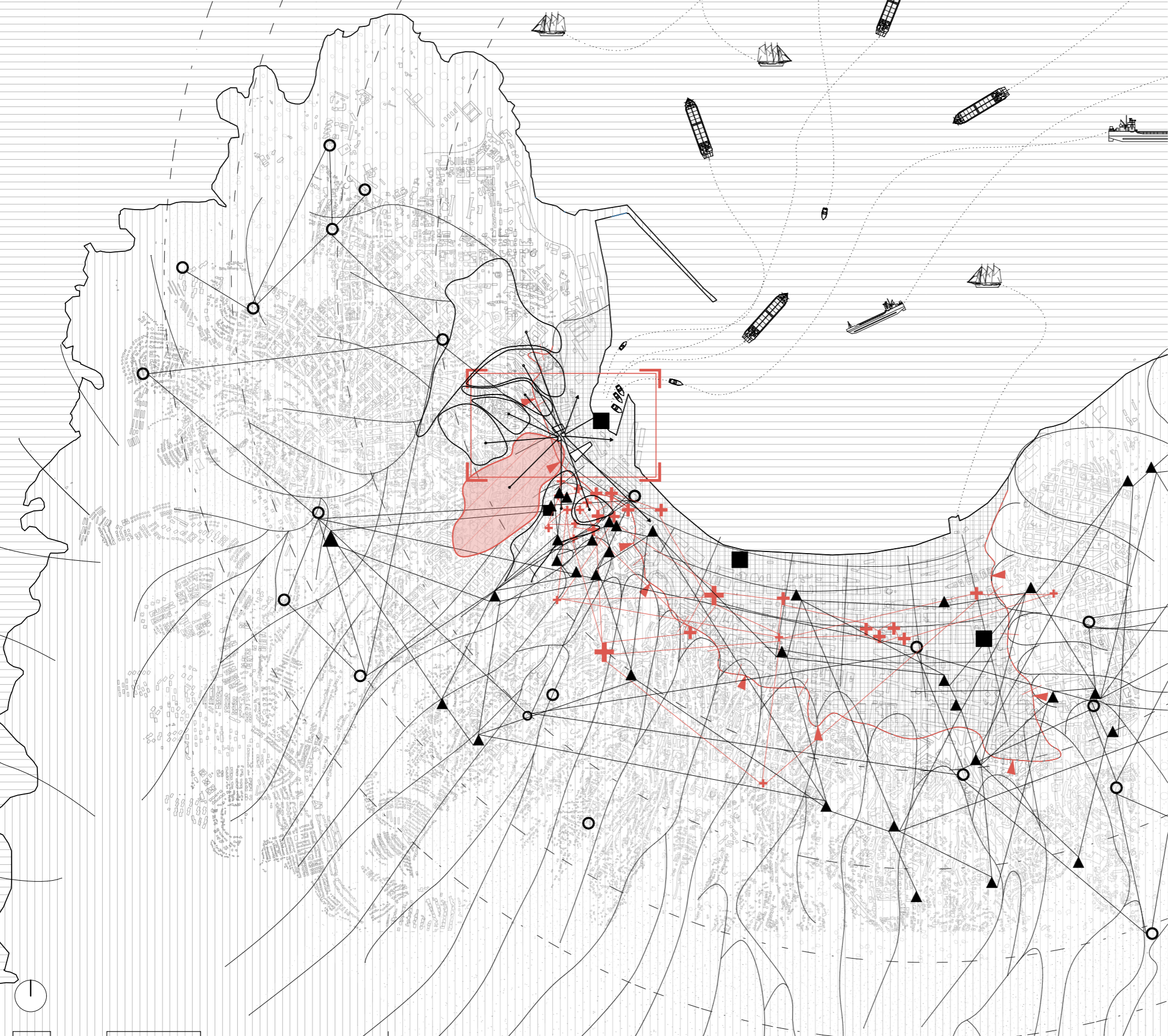
PART I

PART II

PART III

PART IV

PART V



What weaves together the urban fabric?

Education, Arts & Crafts, and Foodscapes

PART I

Urban Networks

PART II

PART III

PART IV

PART V

entanglements

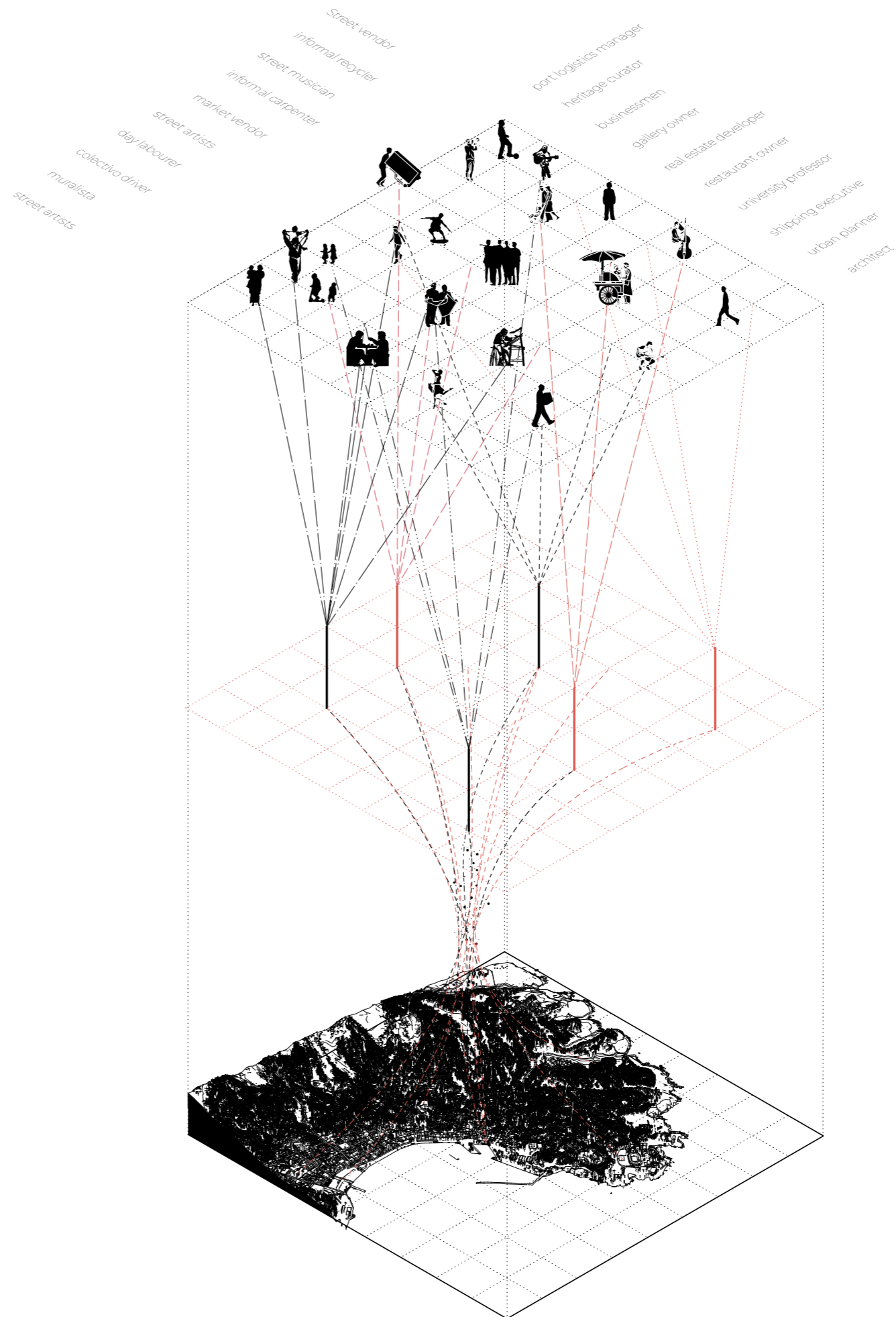
micro

metabolism

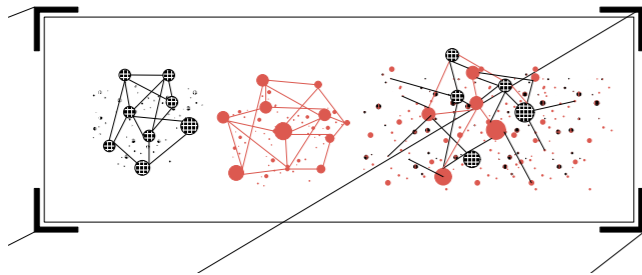
meso

stratification

macro



homophilia



PART I

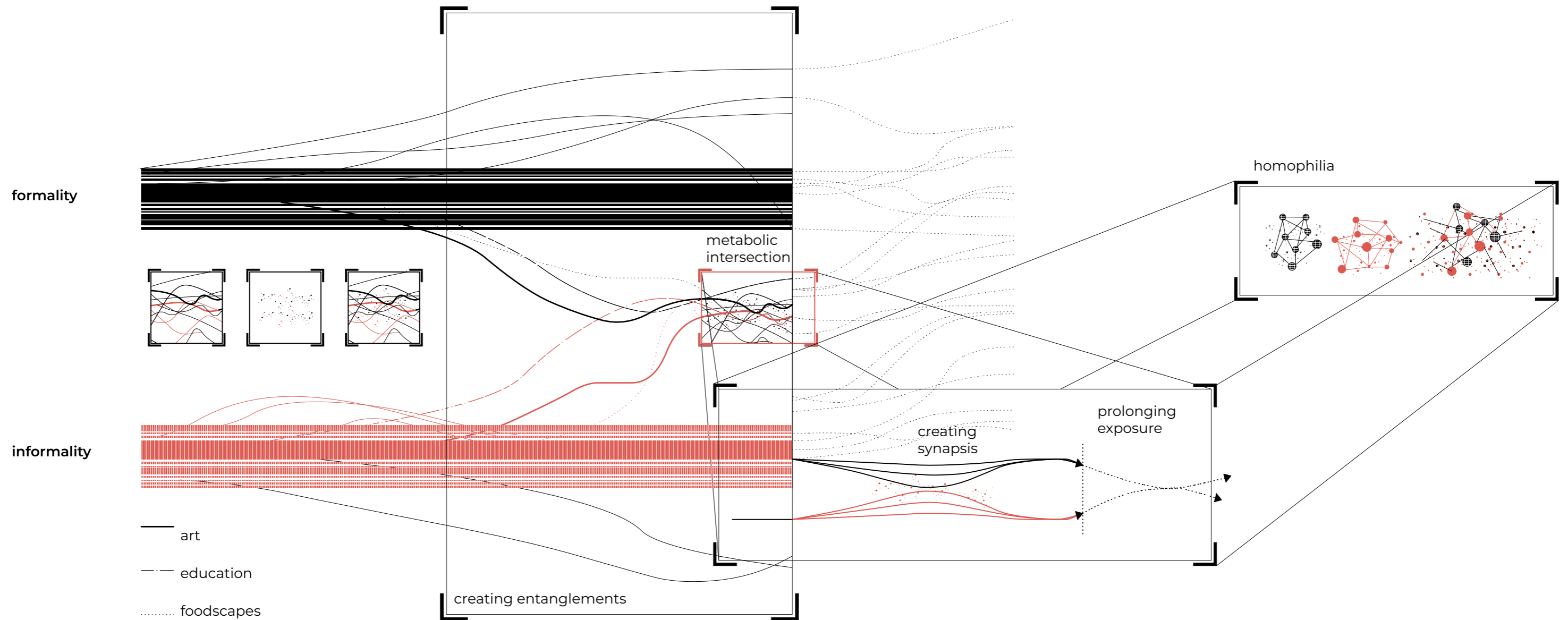
PART II

PART III

PART IV

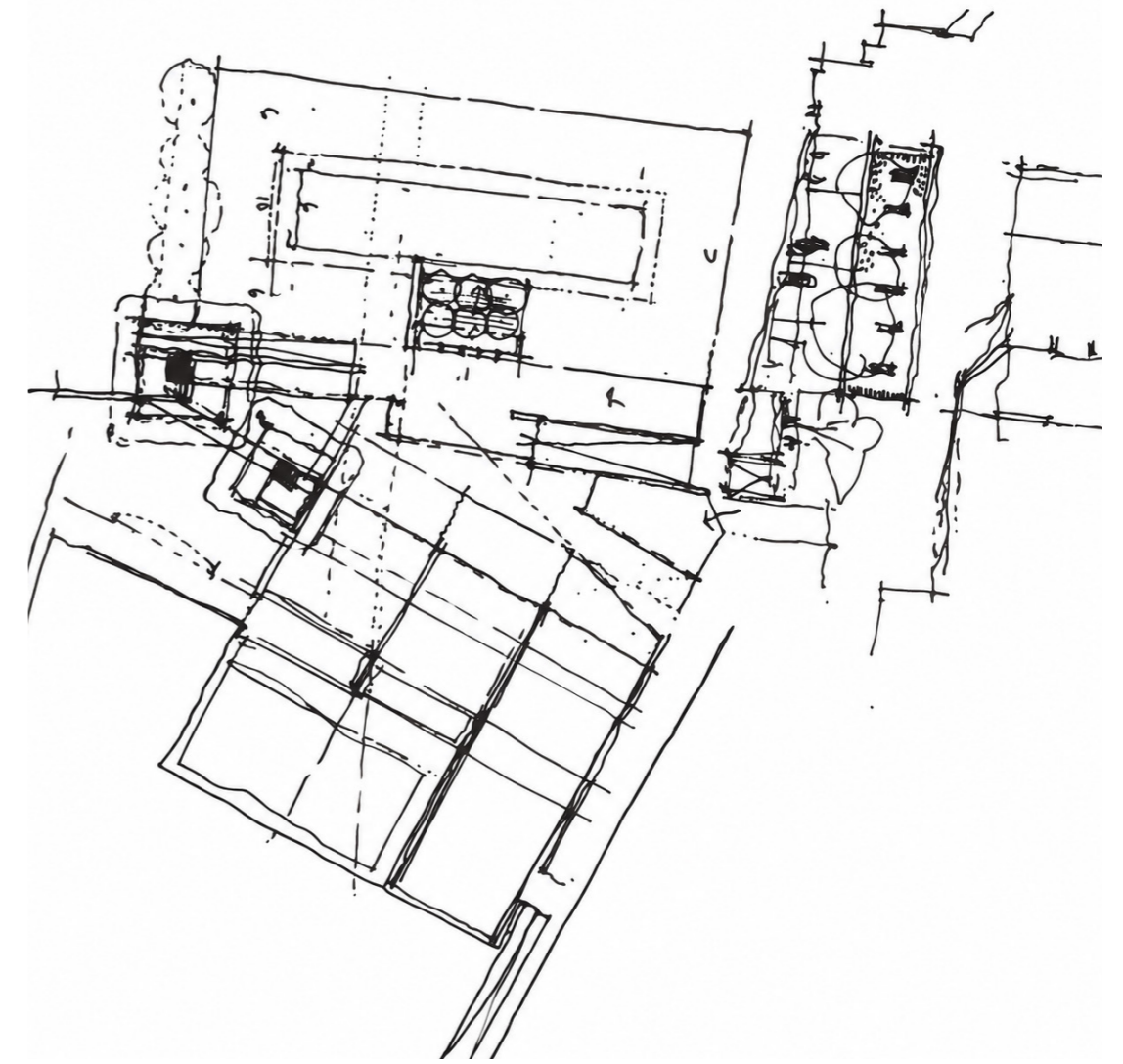
PART V

Defining: *Formality and Informality*



PART I

Site: Funicular Cerro Cordillera



33°02'16.46"S 71°37'49.21"W

Connection to the Port

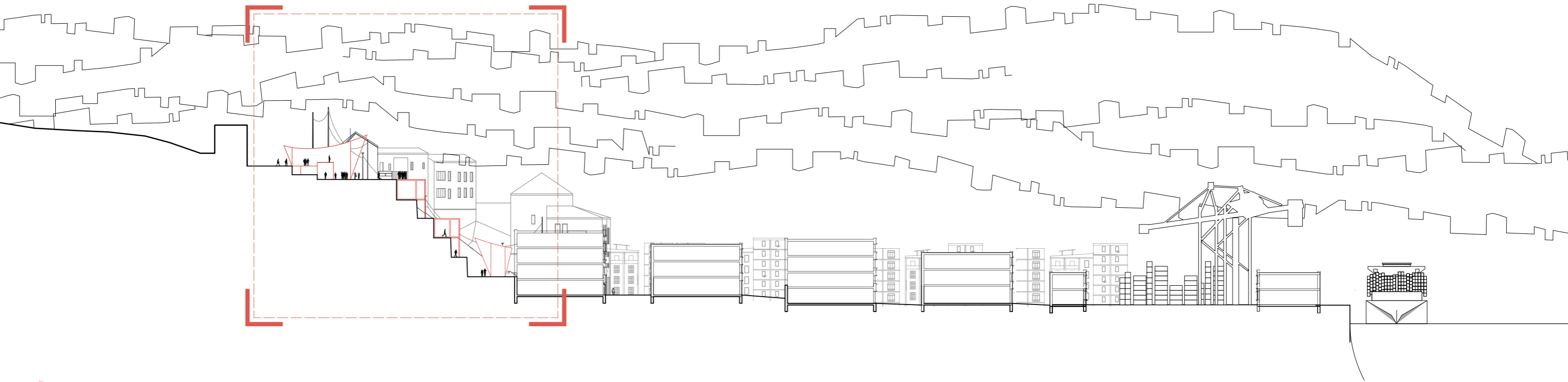


PART I

City in the site

PART II

PART III



PART V

PART I

Reading *Barrio Puerto*

PART II

PART III

PART IV

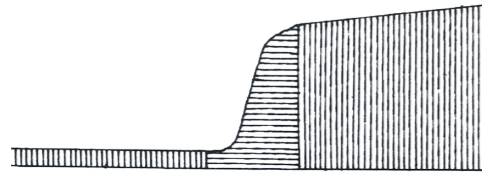
PART V



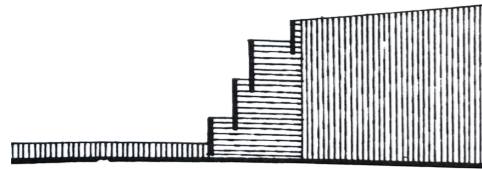
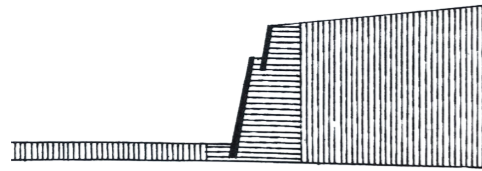
PART I

Activate *Barrio Puerto*

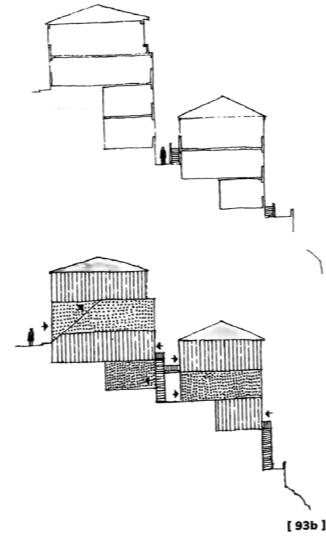
PART II



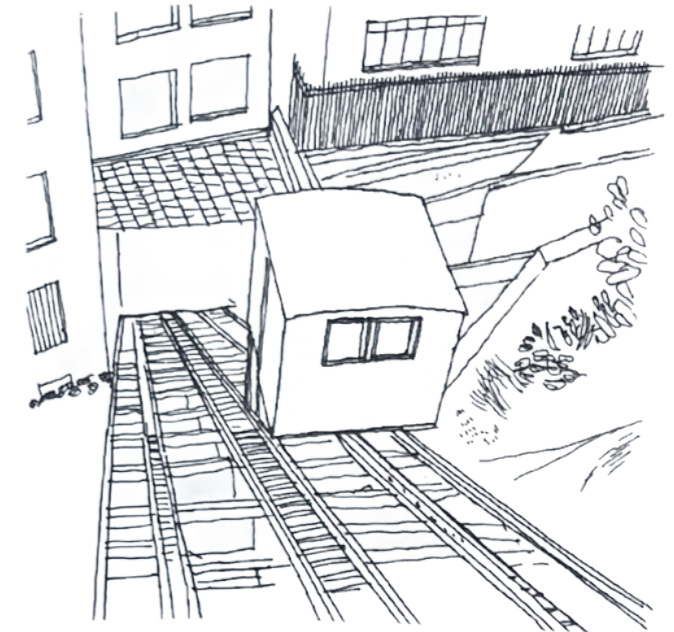
PART III



territory

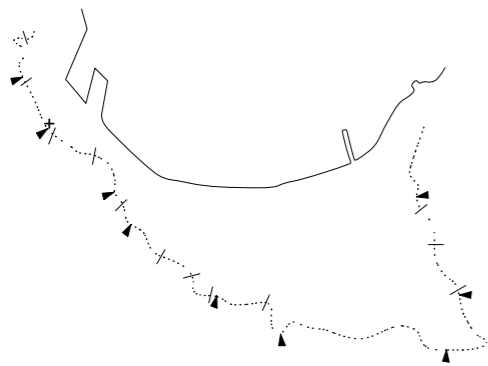


appropriation



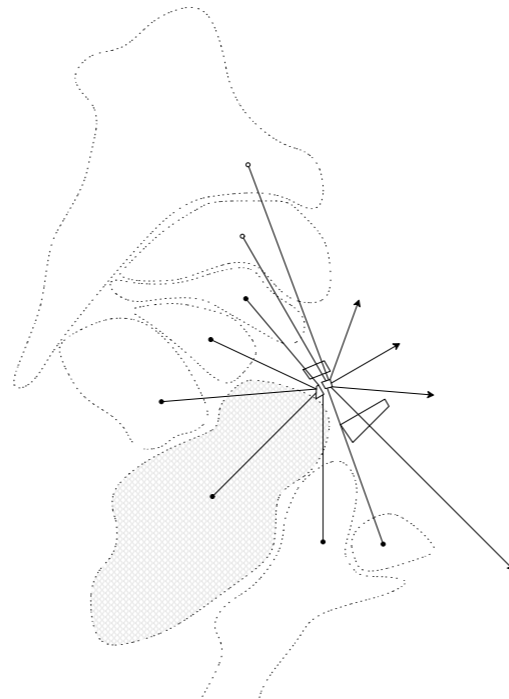
connector

PART IV

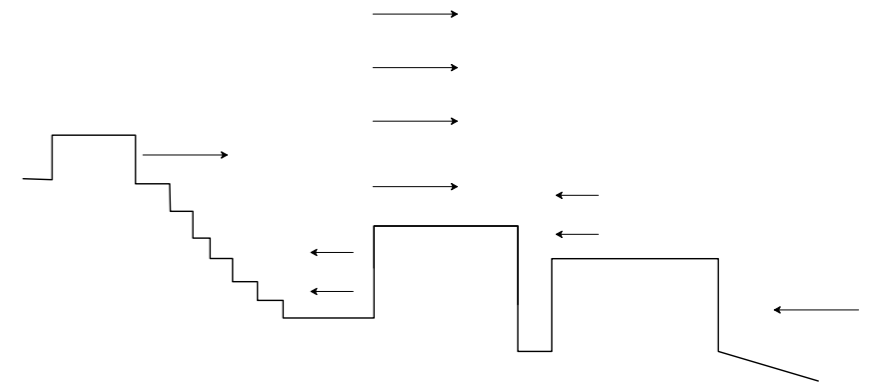


exchange

PART V



activate



connect

PART I

PART II

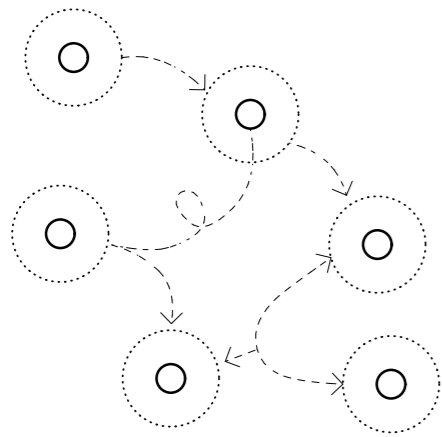
PART III

PART IV

PART V

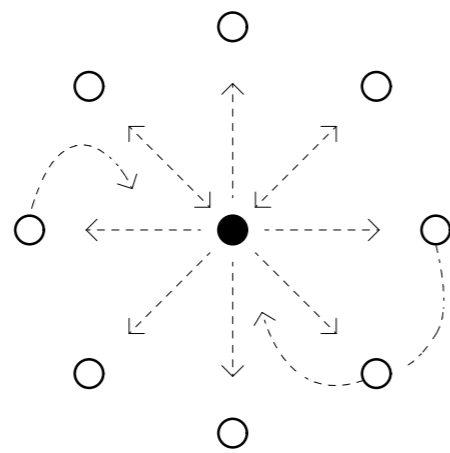
Programme Synergies

art/
craft



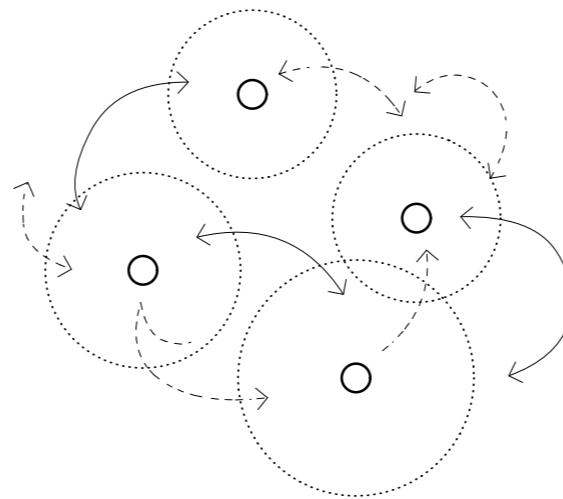
[to
activate]

education



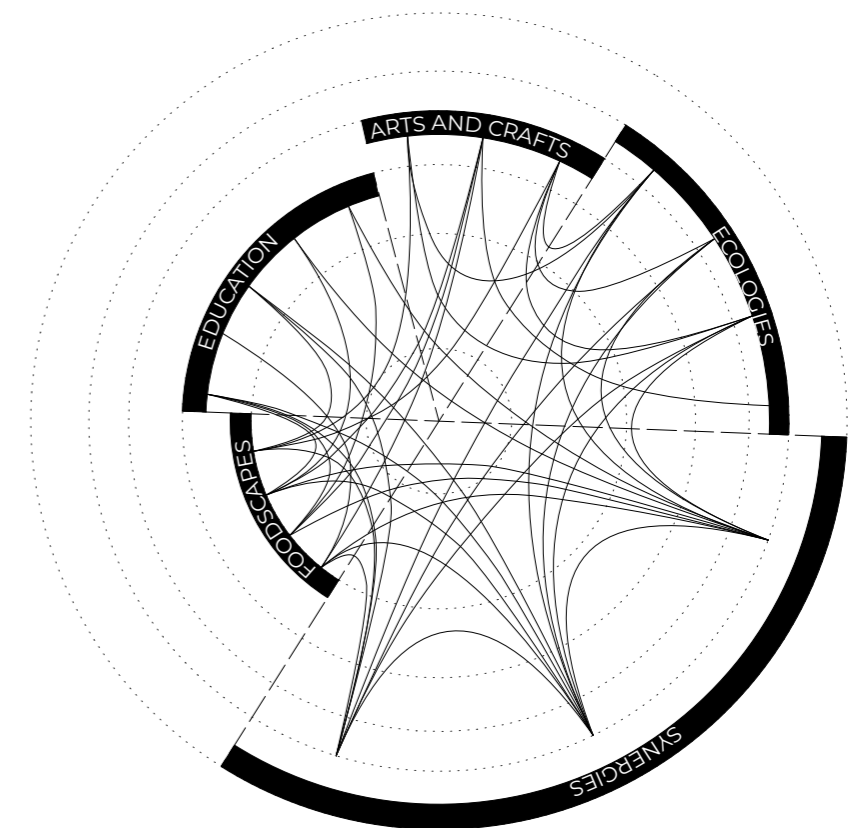
[to
exchange]

foodscapes



[to
connect]

synergies



PART I

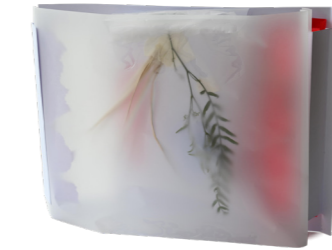
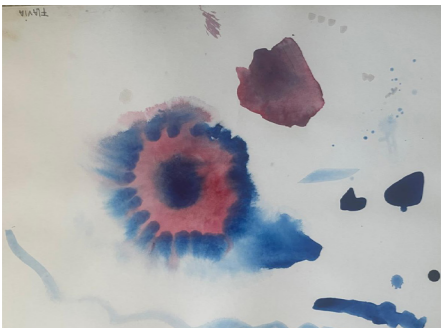
Workshops

PART II

PART III

PART IV

PART V



PART I

Programme Synergies

PART II

making
teaches



PART III

learning
empowers



PART IV

food
gathers



PART V

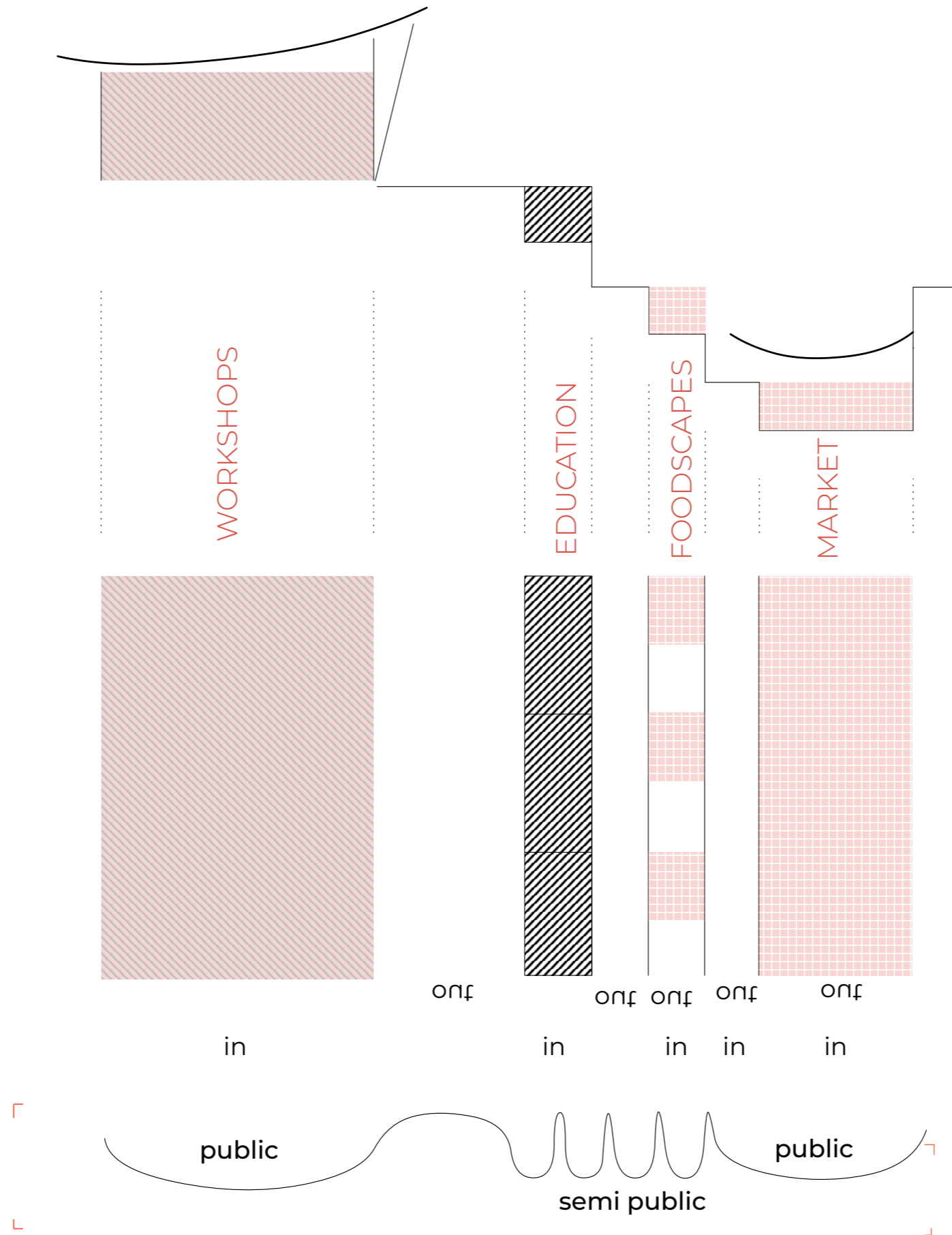
PART I

PART II

PART III

PART IV

PART V



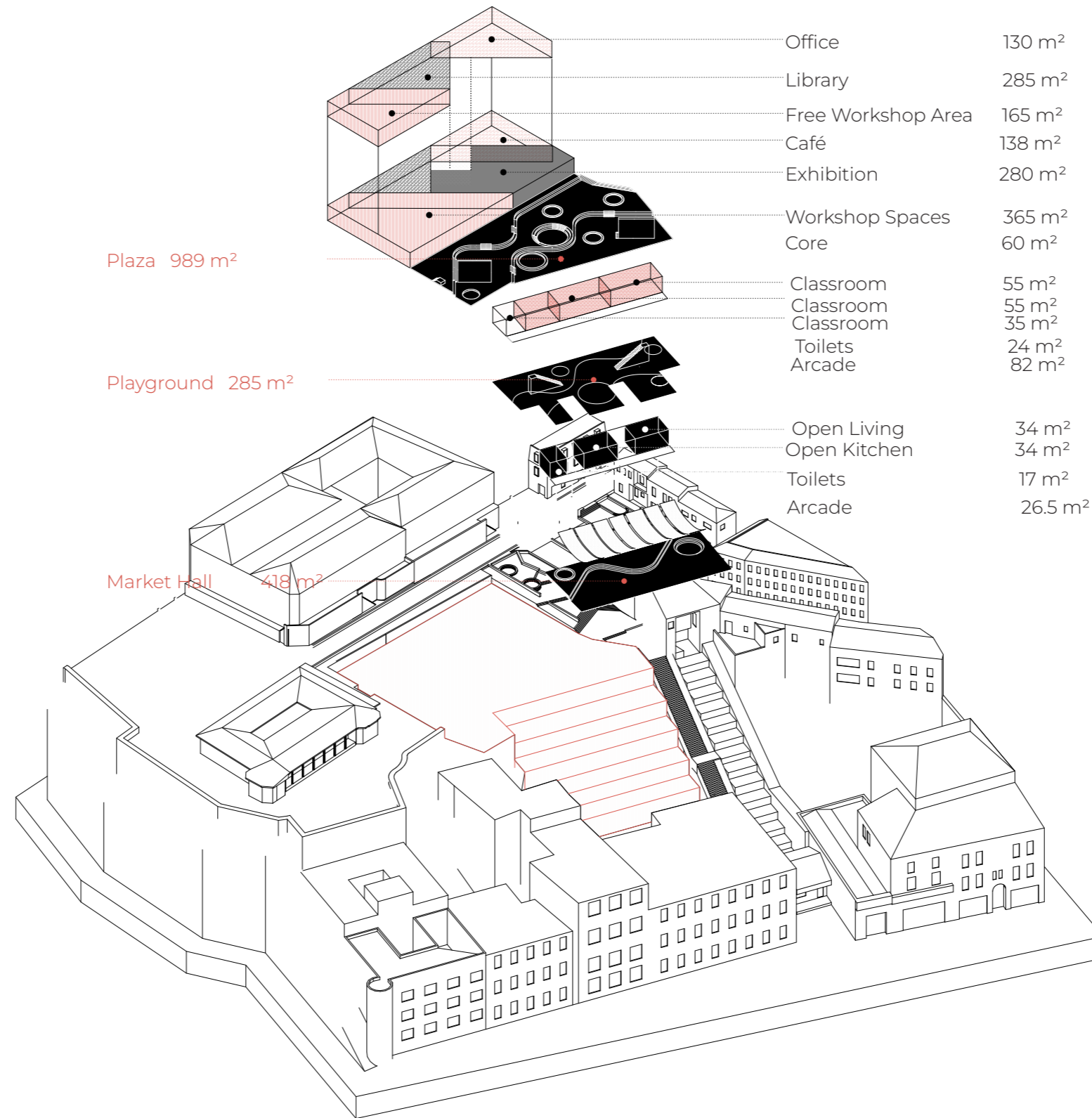
PART I

PART II

PART III

PART IV

PART V



PART I

Spatial Strategy

PART II

PART III

Porosity.

Palimpsest.

Port
orientation.

Prolonged
movement.

Proximity.

PART IV

PART V

PART I

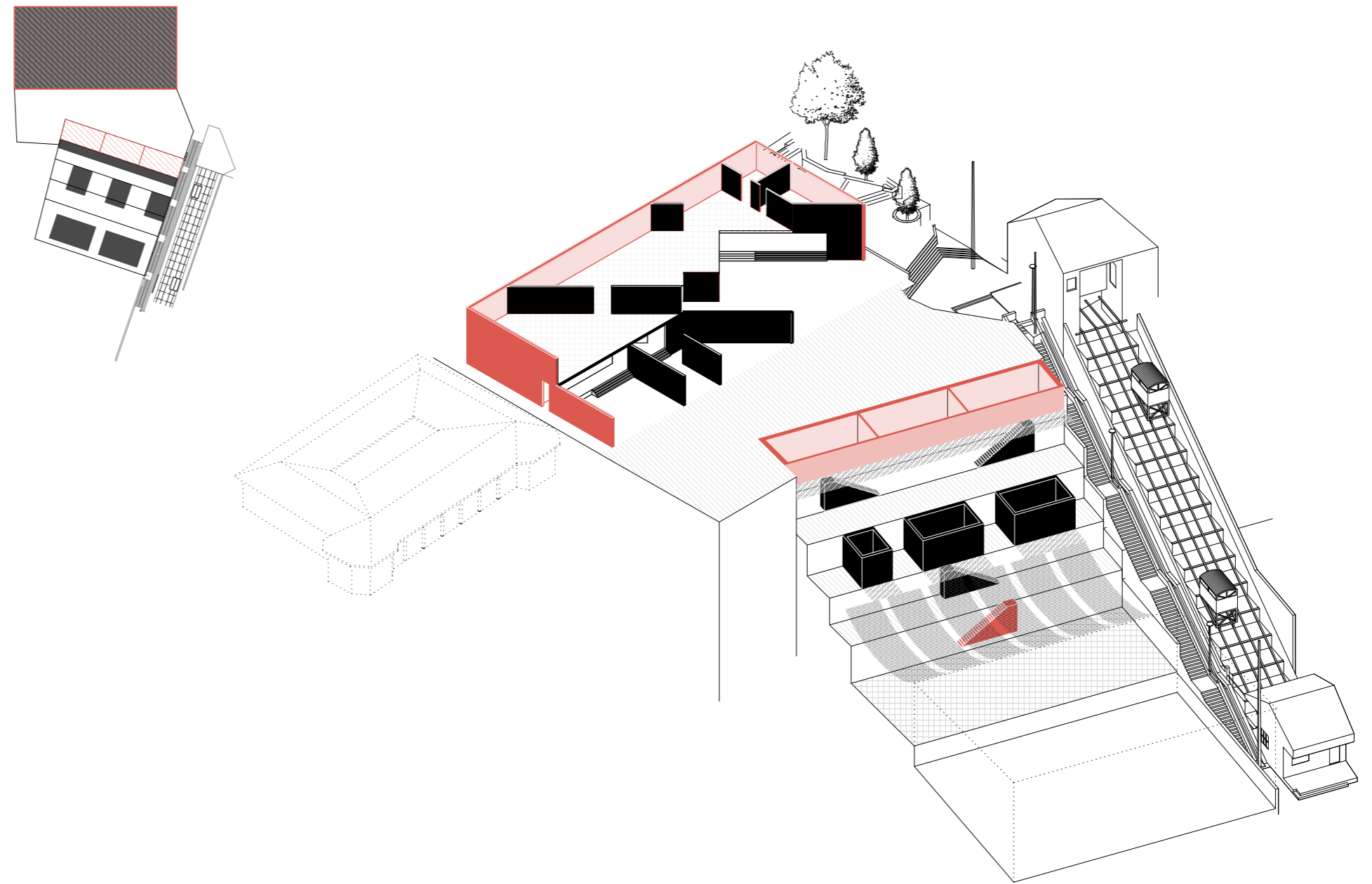
PART II

PART III

PART IV

PART V

Porosity adding structure

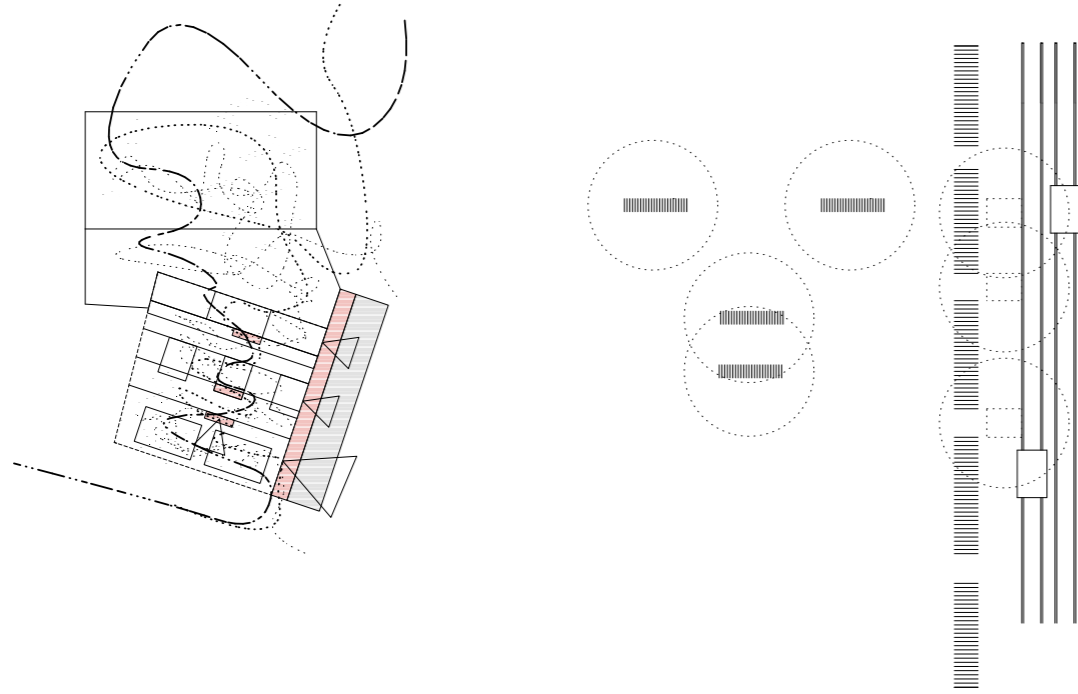


PART I

Proximity *prolonged movement*

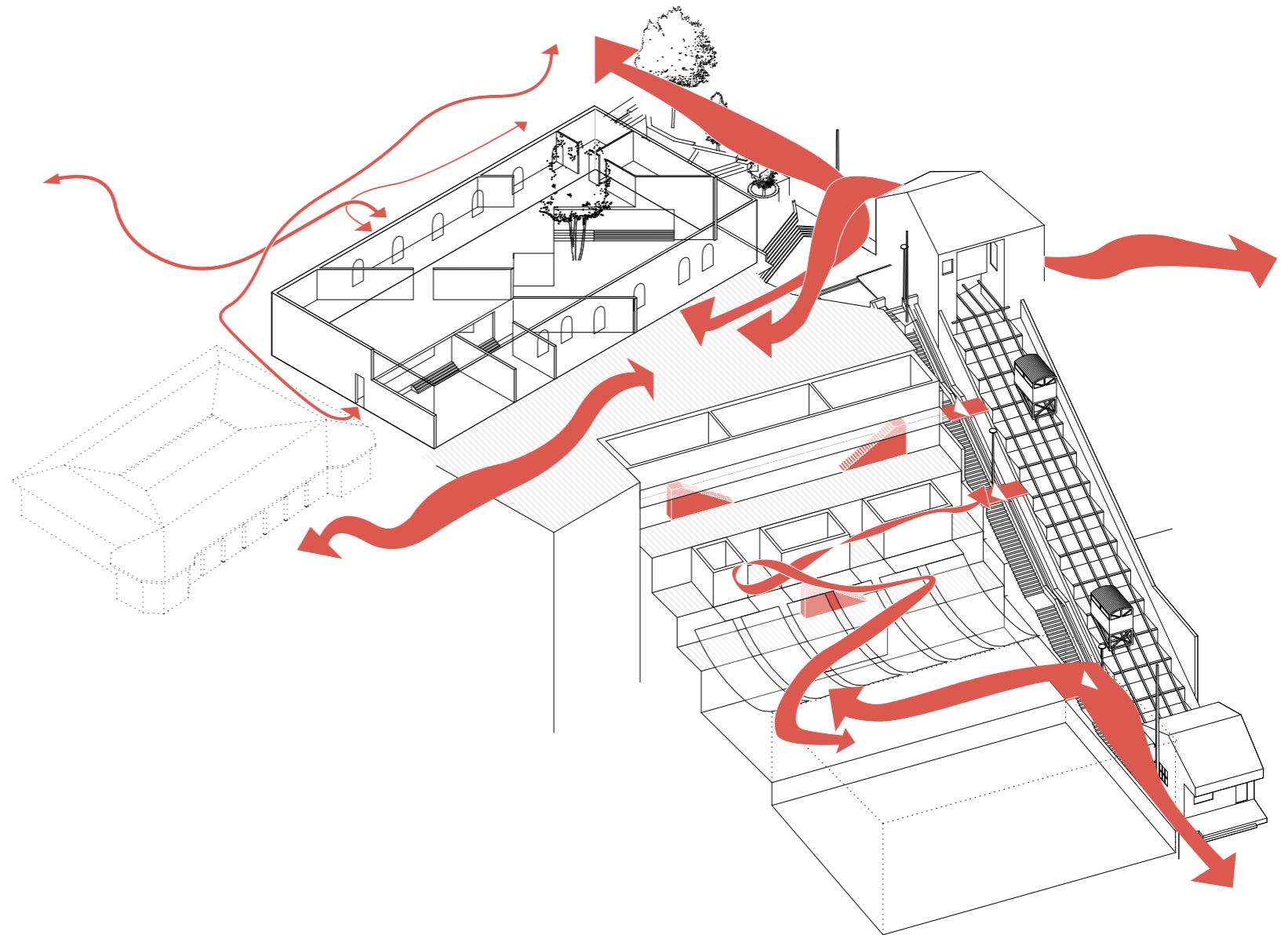
PART II

PART III



PART IV

PART V



Proximity *prolonged movement*

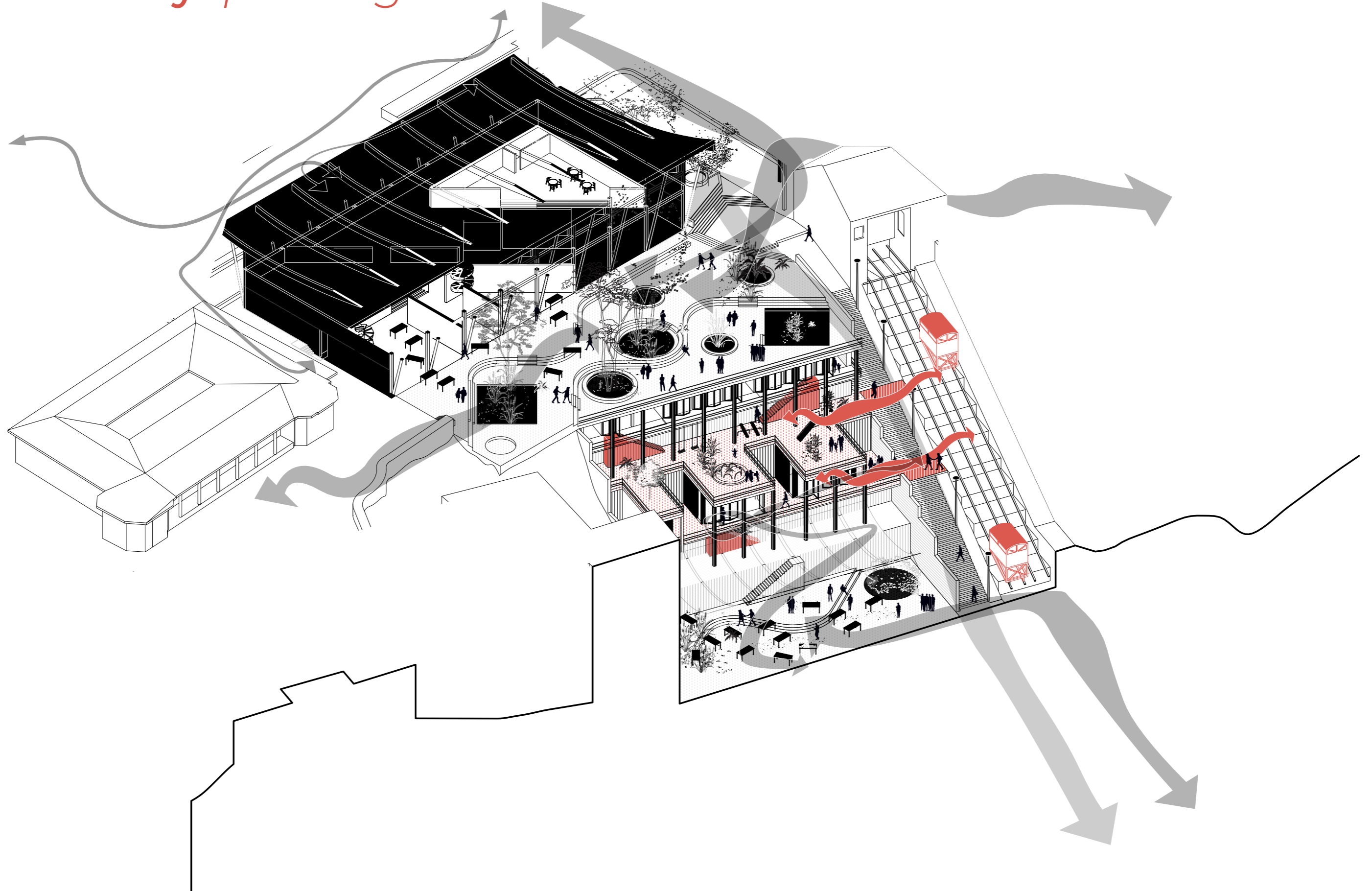
PART I

PART II

PART III

PART IV

PART V

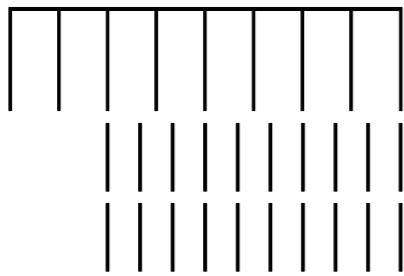


PART I

Palimpsest *port orientation*

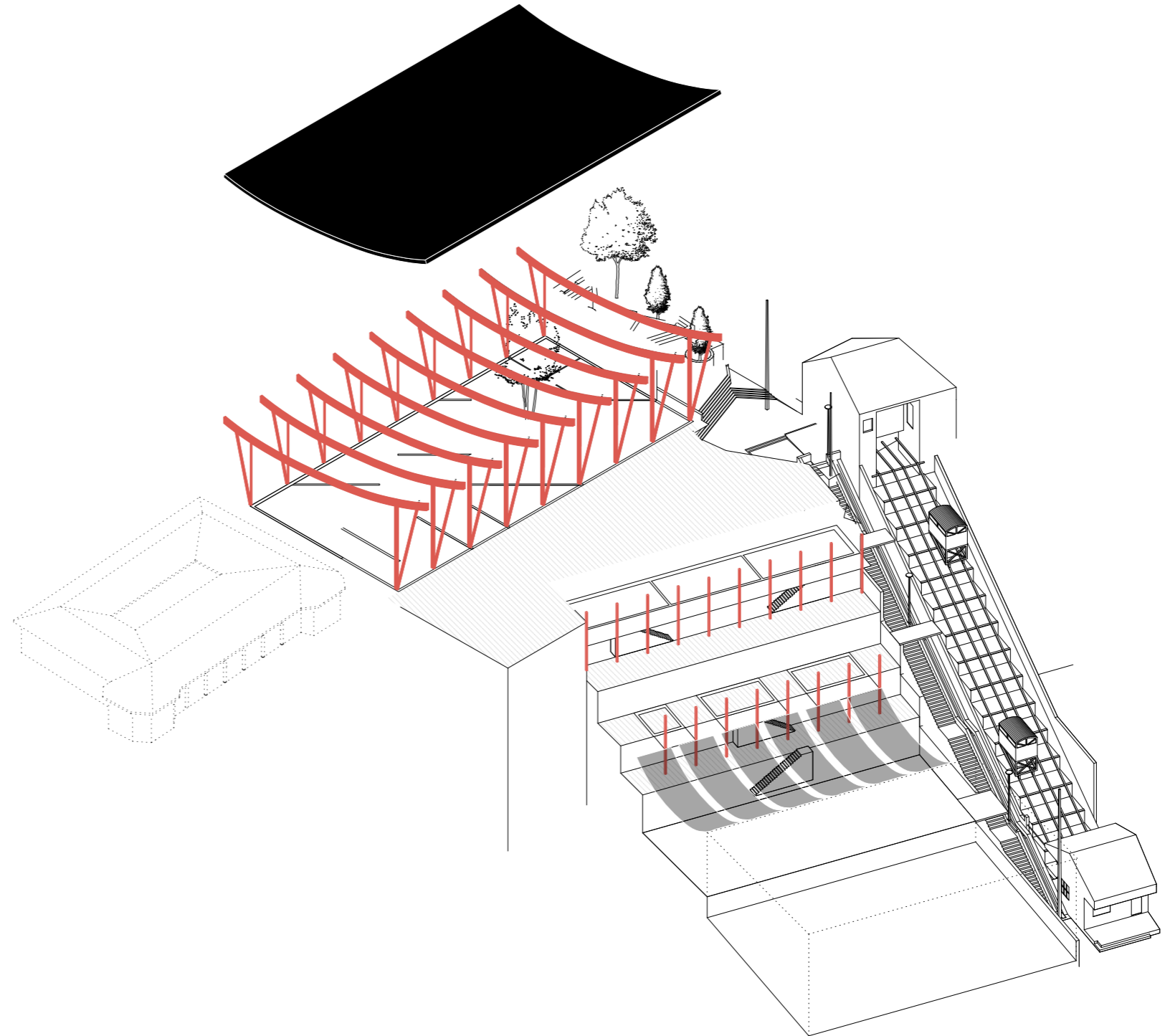
PART II

PART III



PART IV

PART V

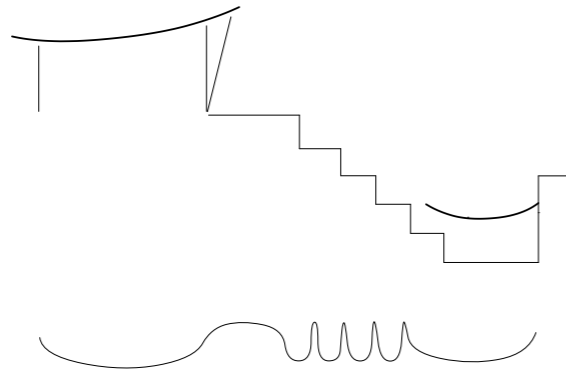


PART I

Plazas *activating the outdoor*

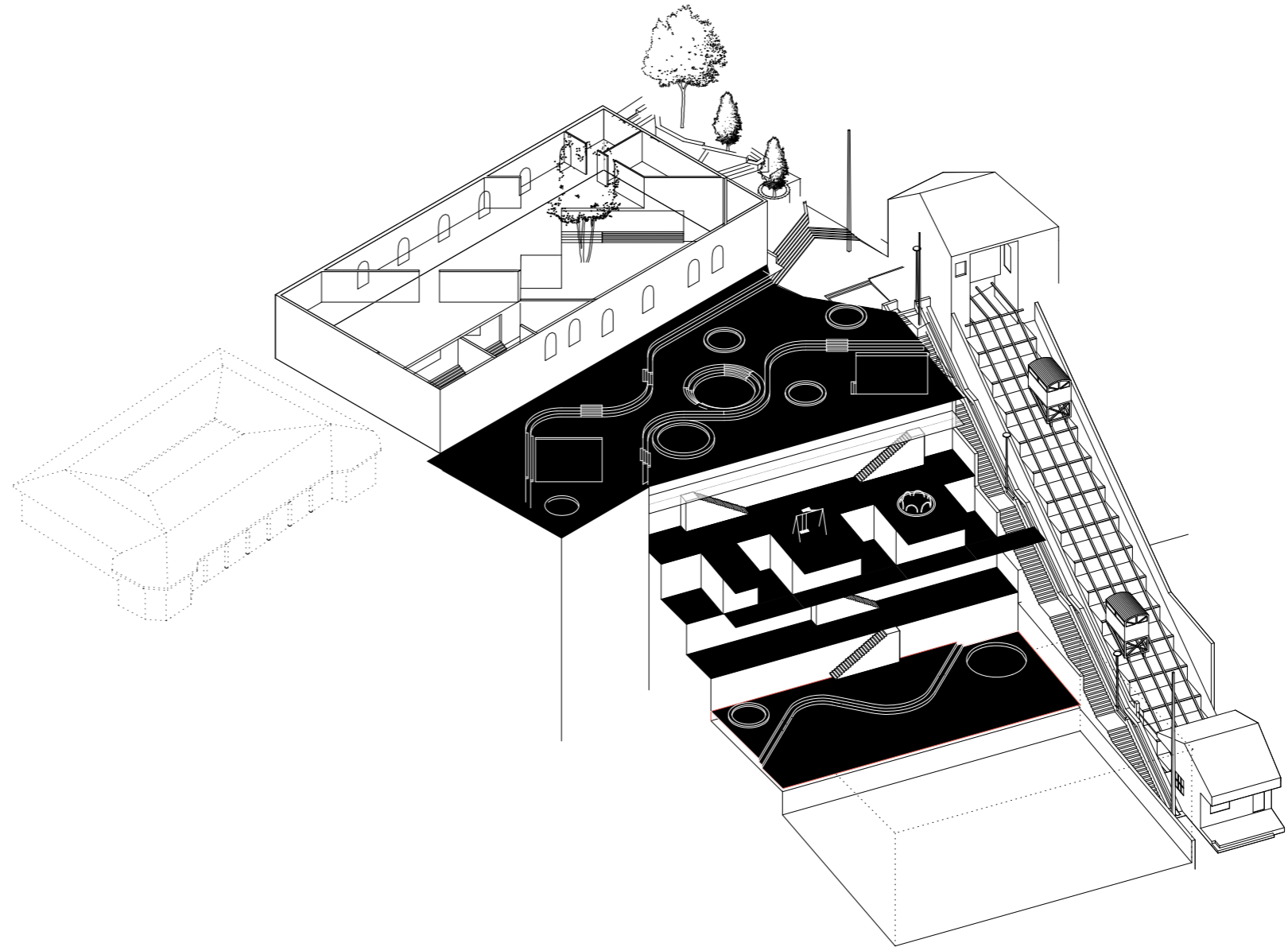
PART II

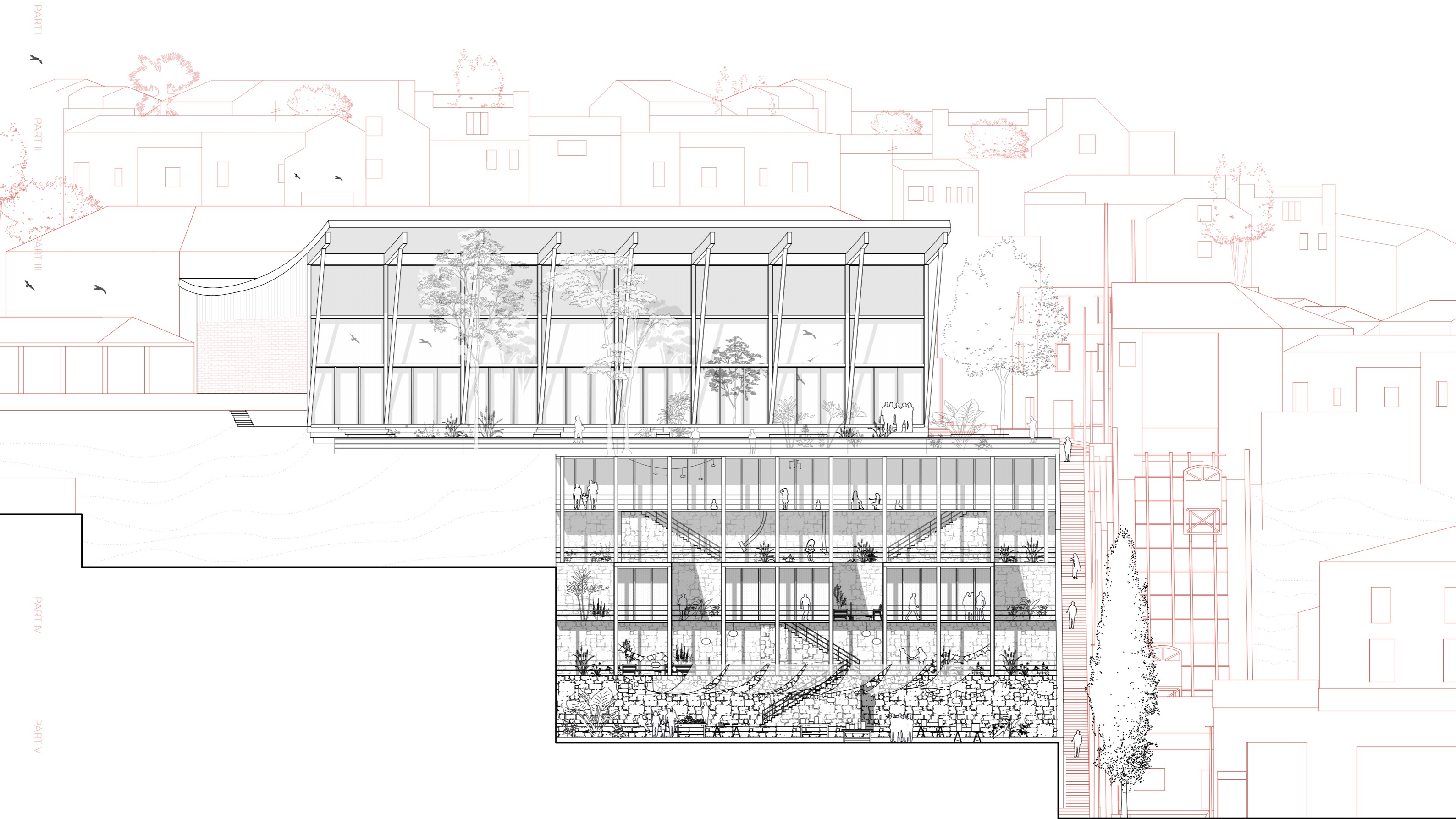
PART III



PART IV

PART V



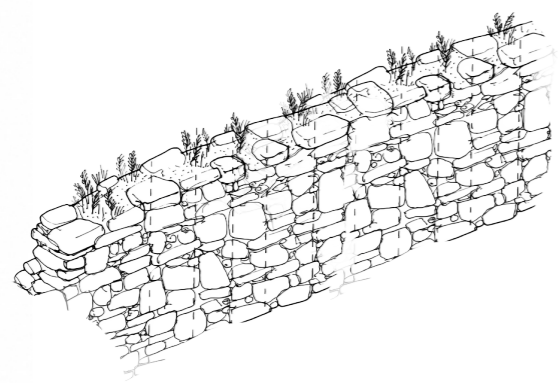


PART I



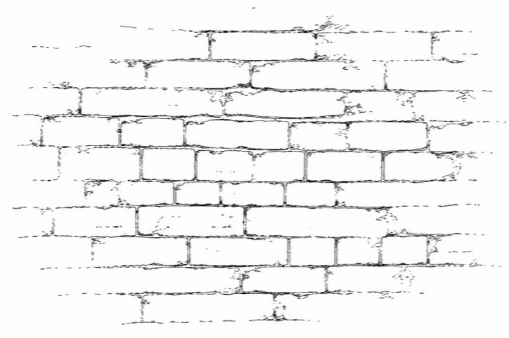
[timber: pino radiata]

PART II



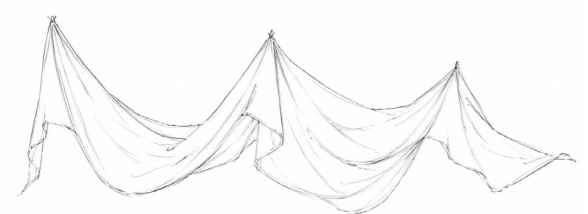
[natural stone retaining wall]

PART III



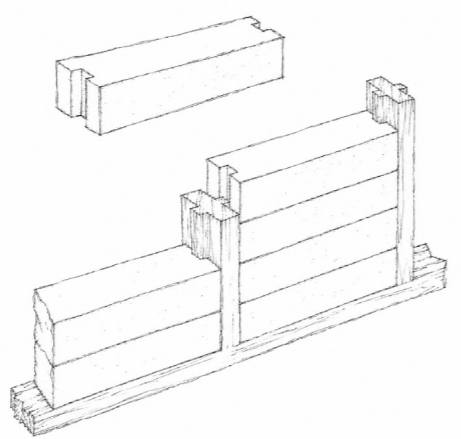
[existing red brick wall]

PART IV



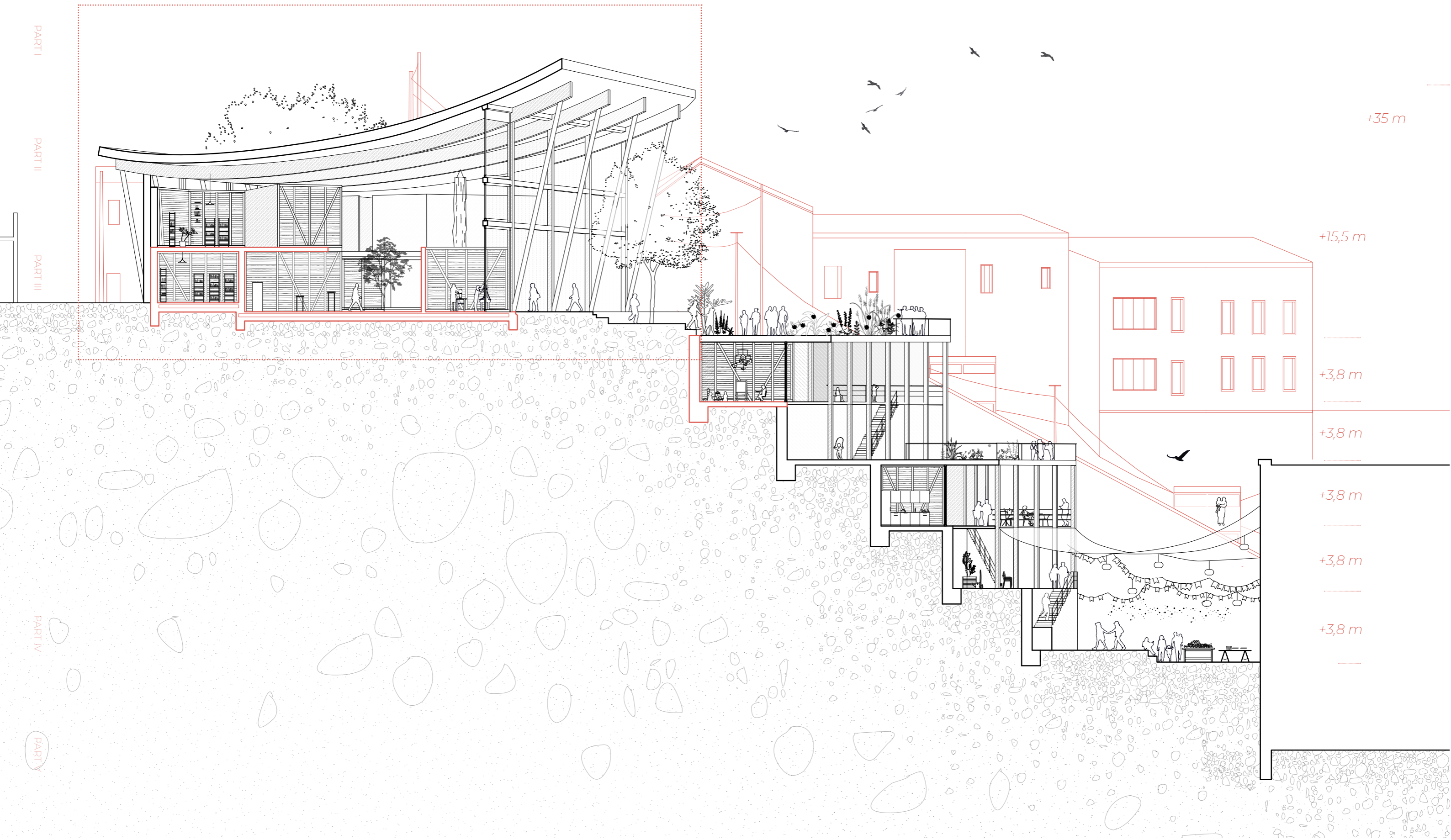
[natural cotton sailcloth canopy]

PART V

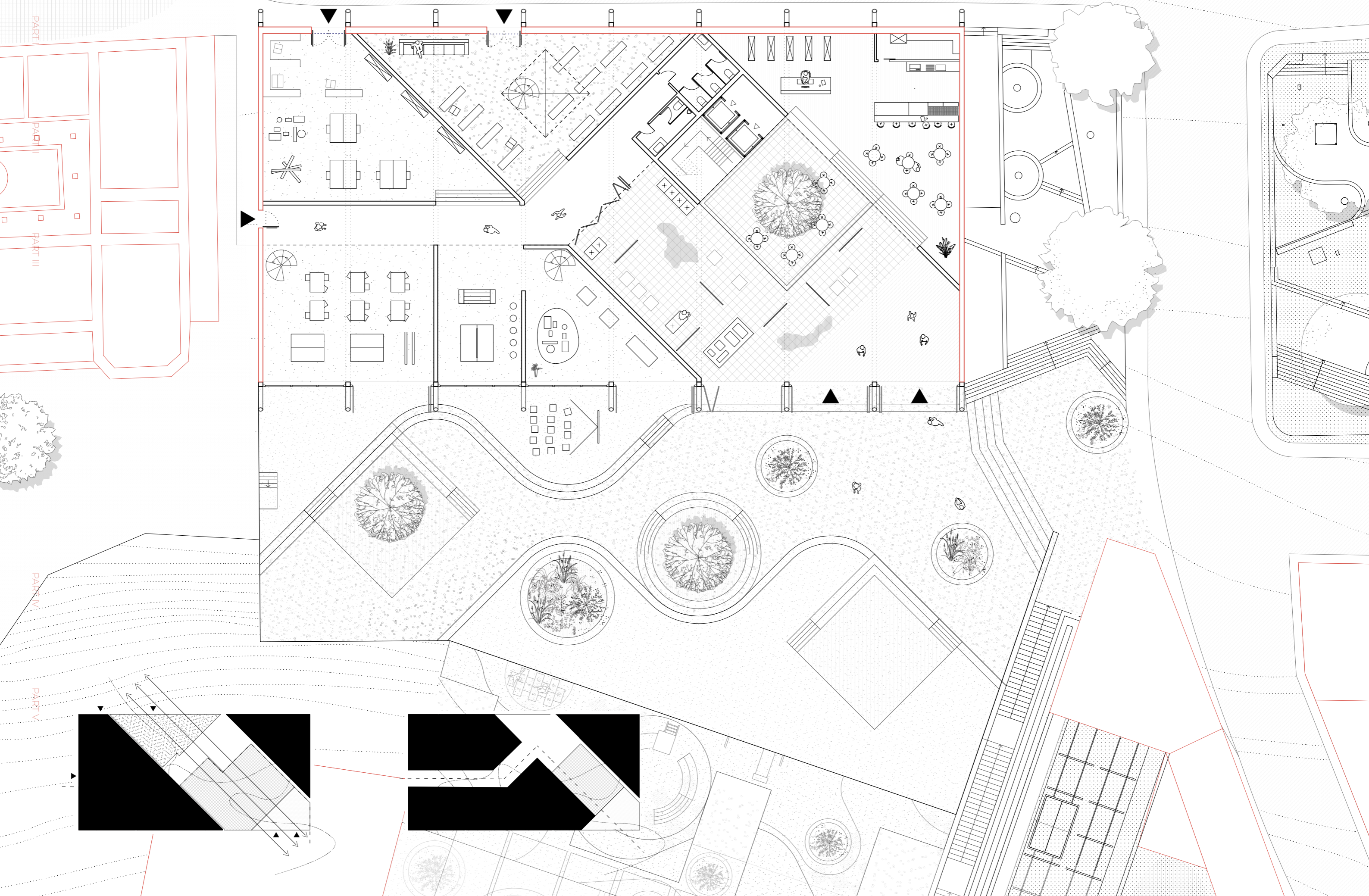


[adobillo construction]





Section 1:200



PART I

PART II

PART III

PART IV

PART V

PART I

PART II

PART III

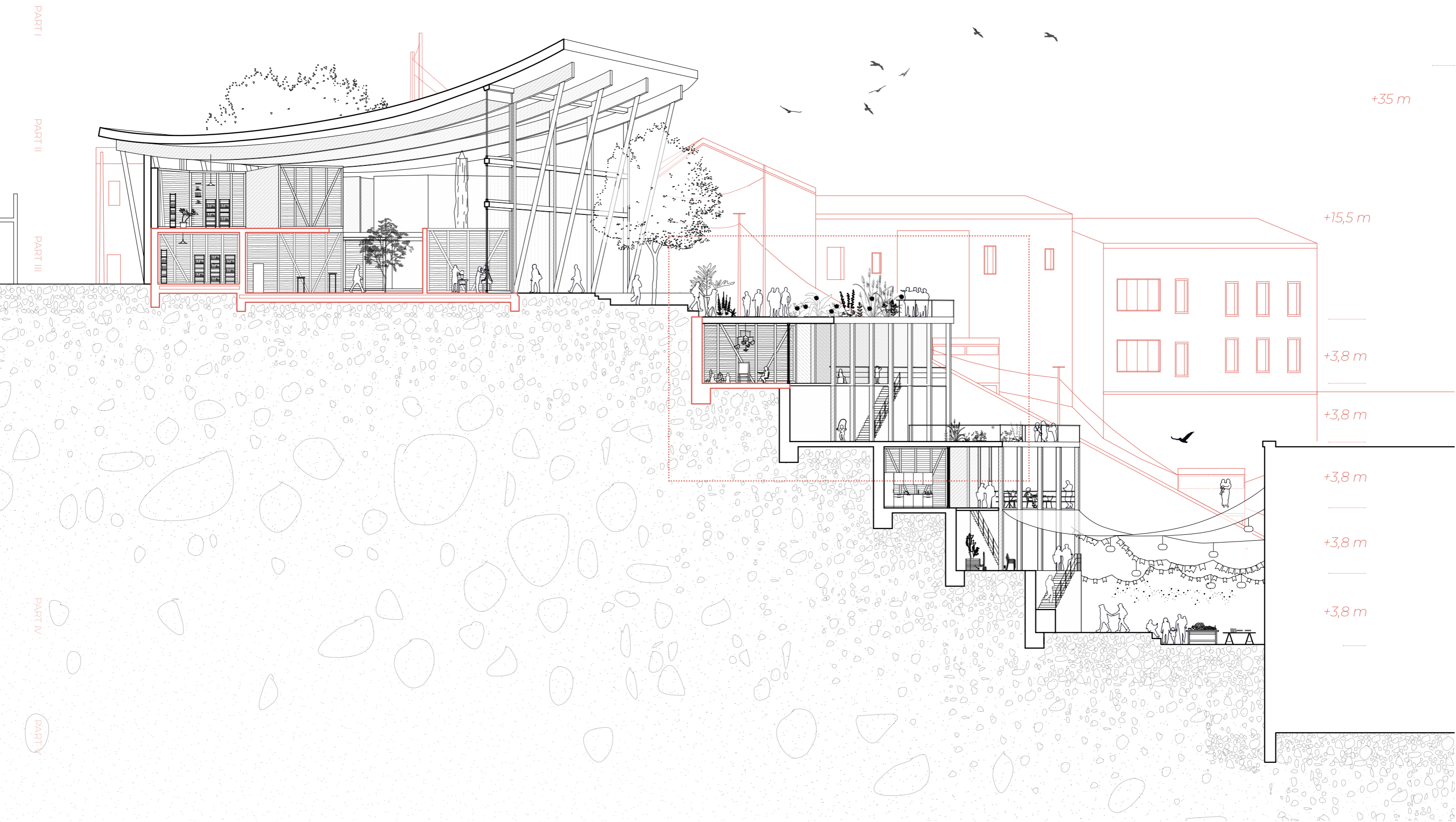
PART IV

PART V

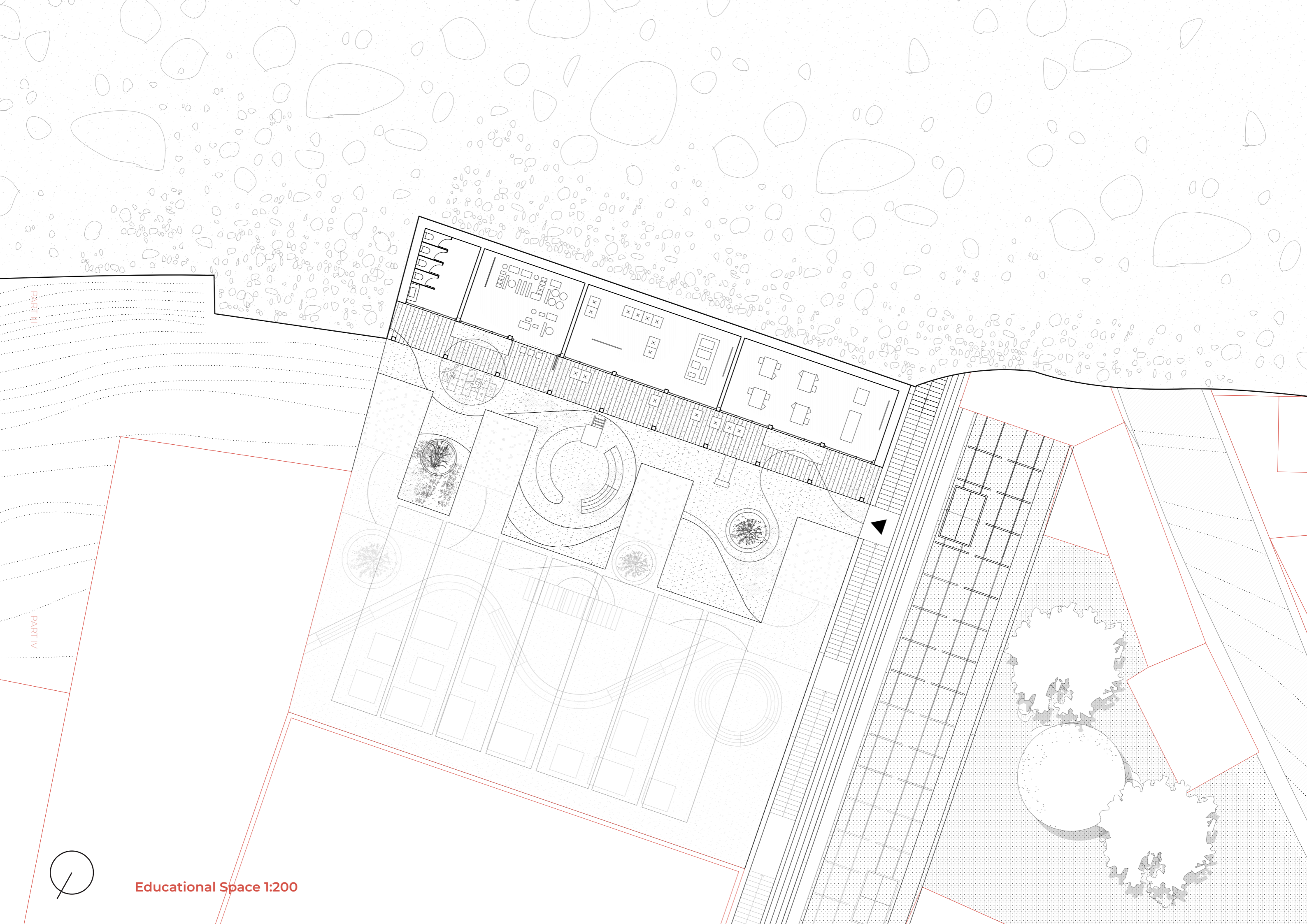


PART I
PART II
PART III
PART IV
PART V





Section 1:200



PART III

PART IV



Educational Space 1:200

PART I

PART II

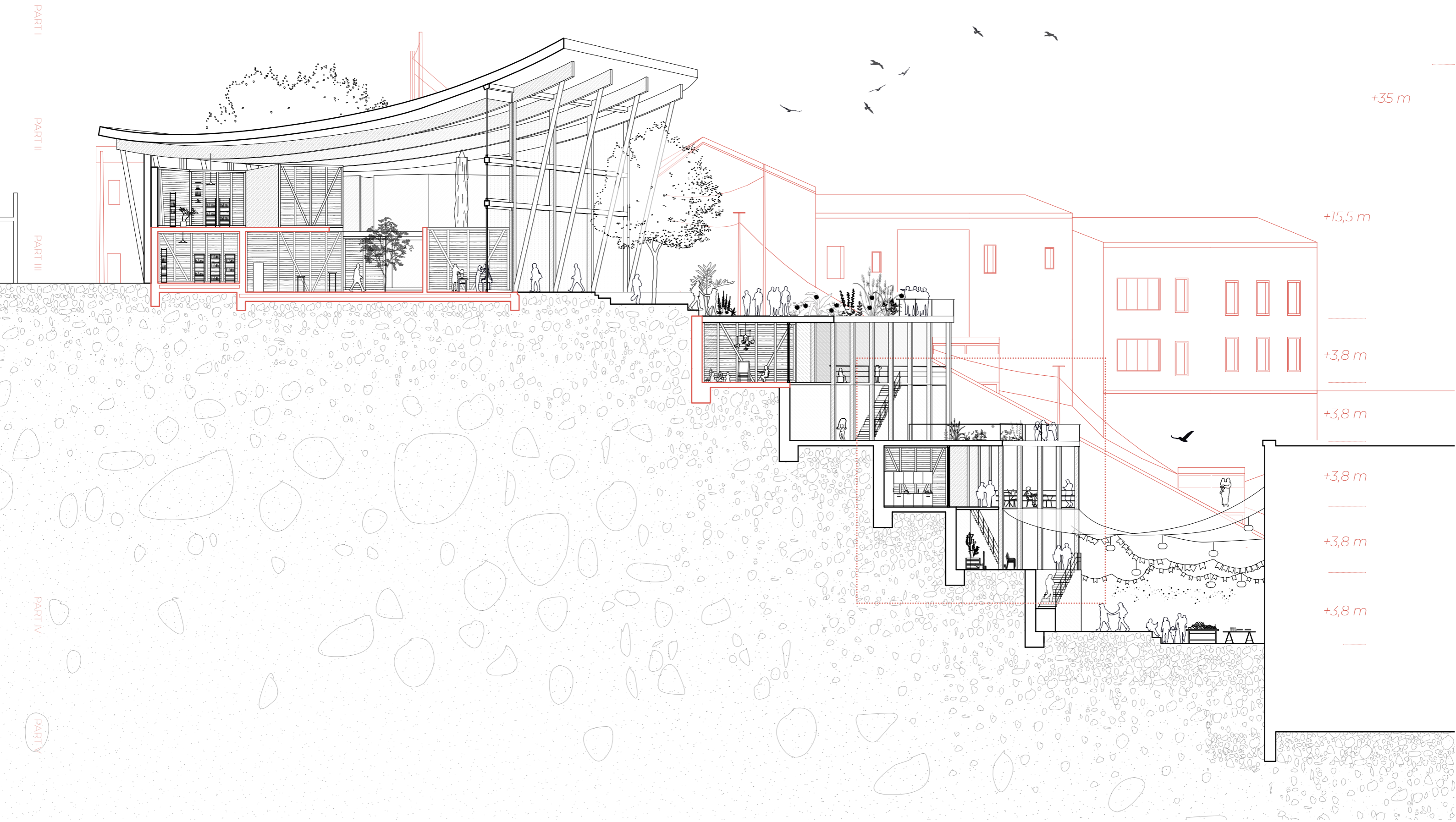
PART III



PART IV

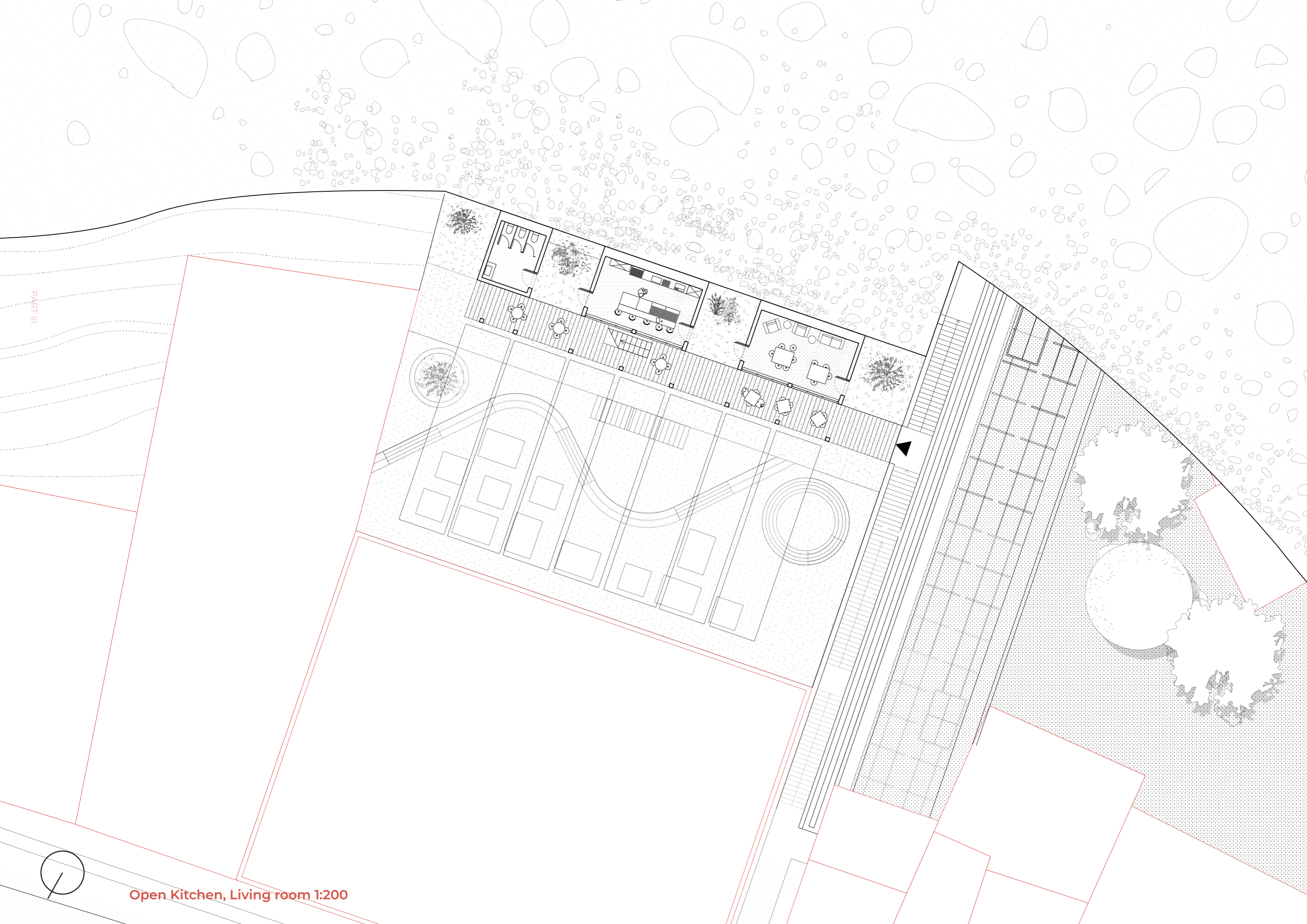
PART V



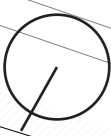


Section 1:200

PART III



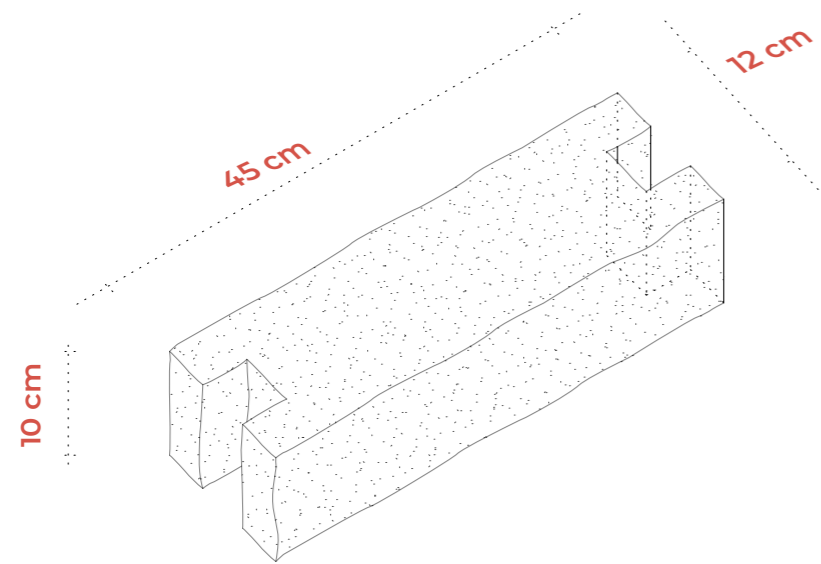
Open Kitchen, Living room 1:200



PART I

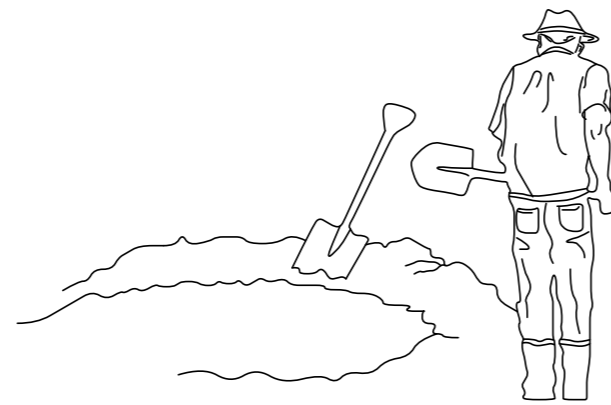
PART II

PART III



PART IV

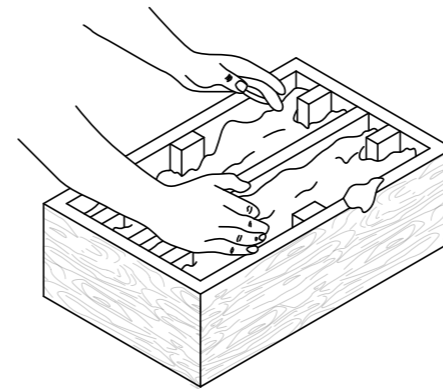
PART V



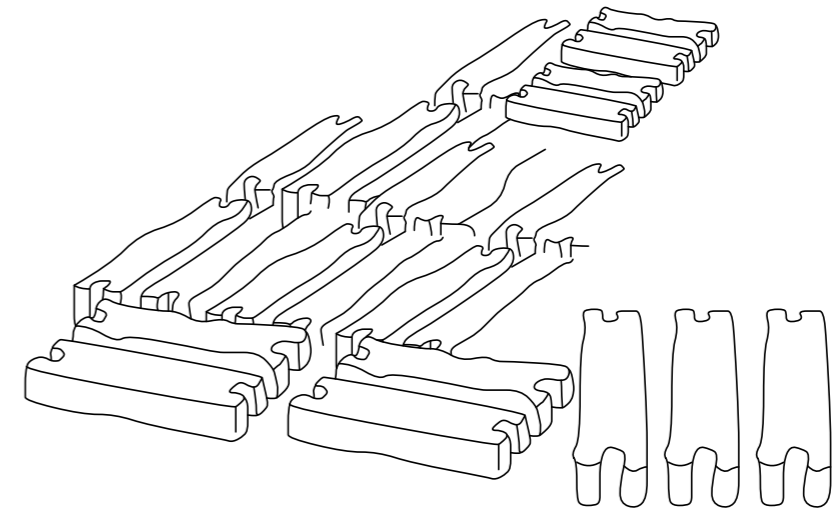
Process: Adobillo Brick

Collect

Mix



Mould



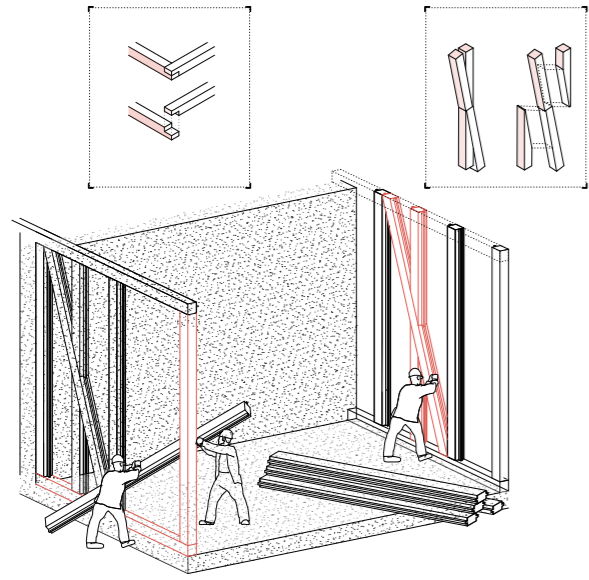
Dry

...start building

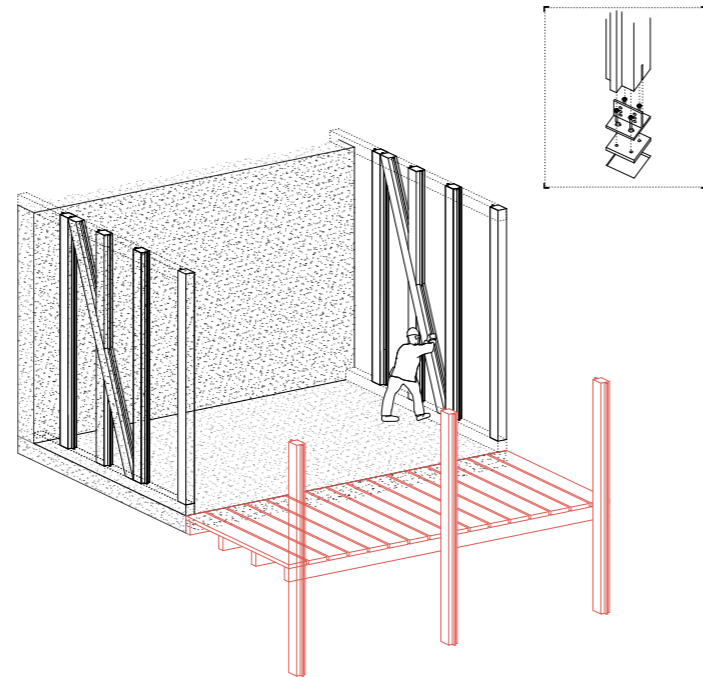
PART I

PART II

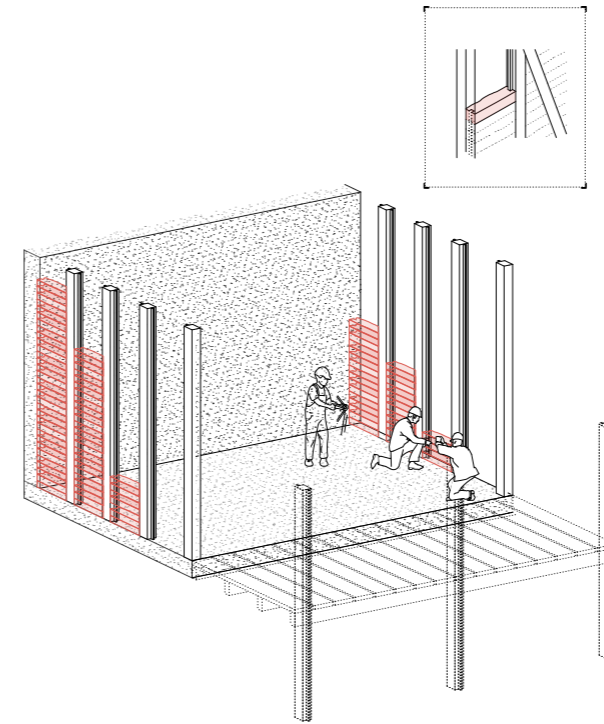
PART III



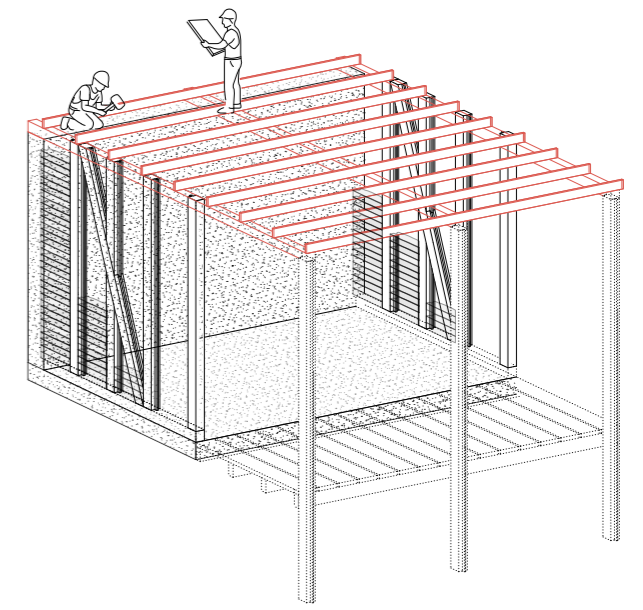
Primary Structure



Arcade Extension



Adobillo Infill



Secondary Beams

PART IV

PART V

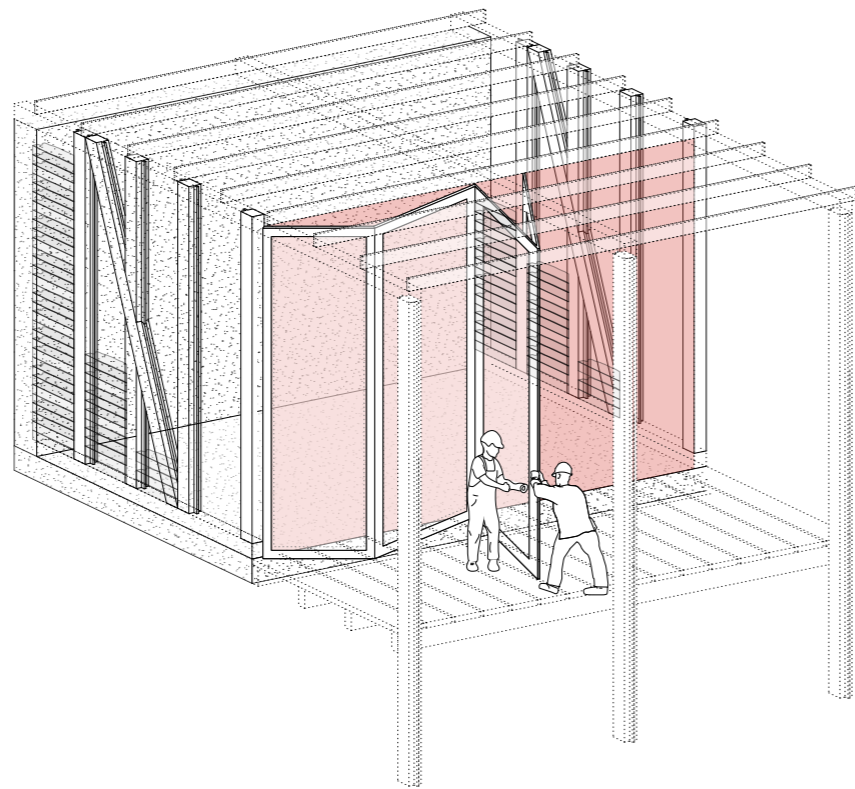
PART I

PART II

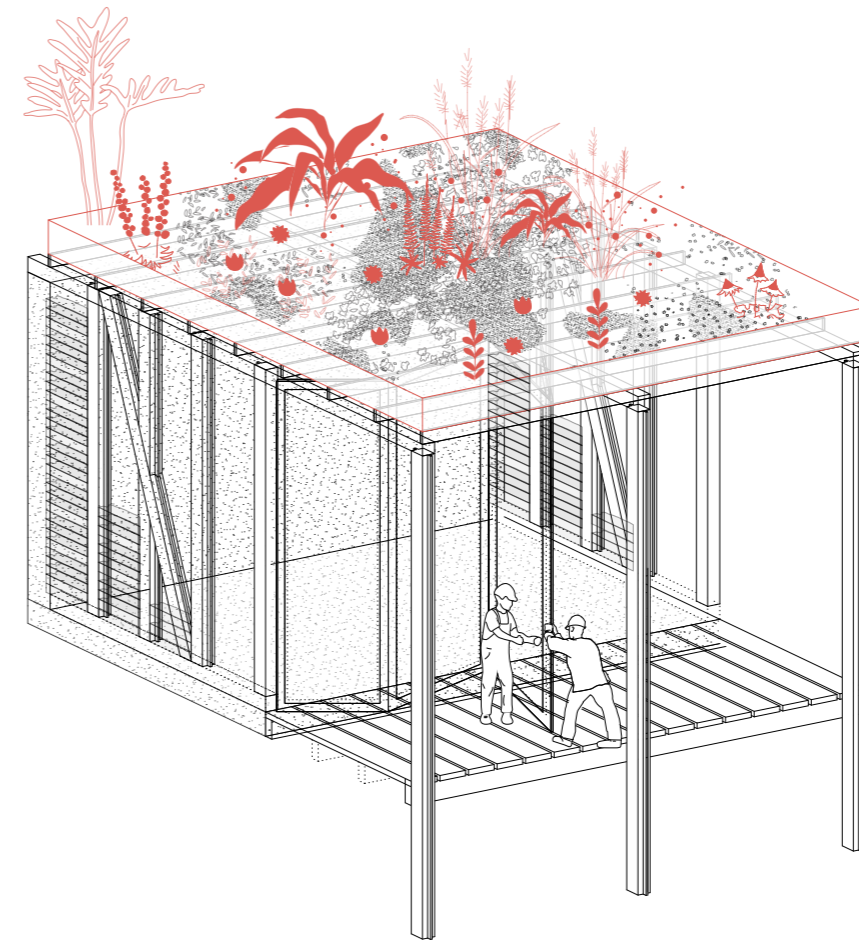
PART III

PART IV

PART V



Adding The „Frame“ the Windows



Vegetation Layer

„Architecture gains particular social relevance when building processes themselves become acts of empowerment, participation, and knowledge exchange.“

~ *Anna Heringer (2013)*

PART I

PART II

PART III

PART IV

PART V

- intensive greening substrate

- slab covering
- chippings 5 cm
- base course gravel > 10 cm

green roofs and green walls can help reduce the heat island effect by providing insulation and evaporative cooling

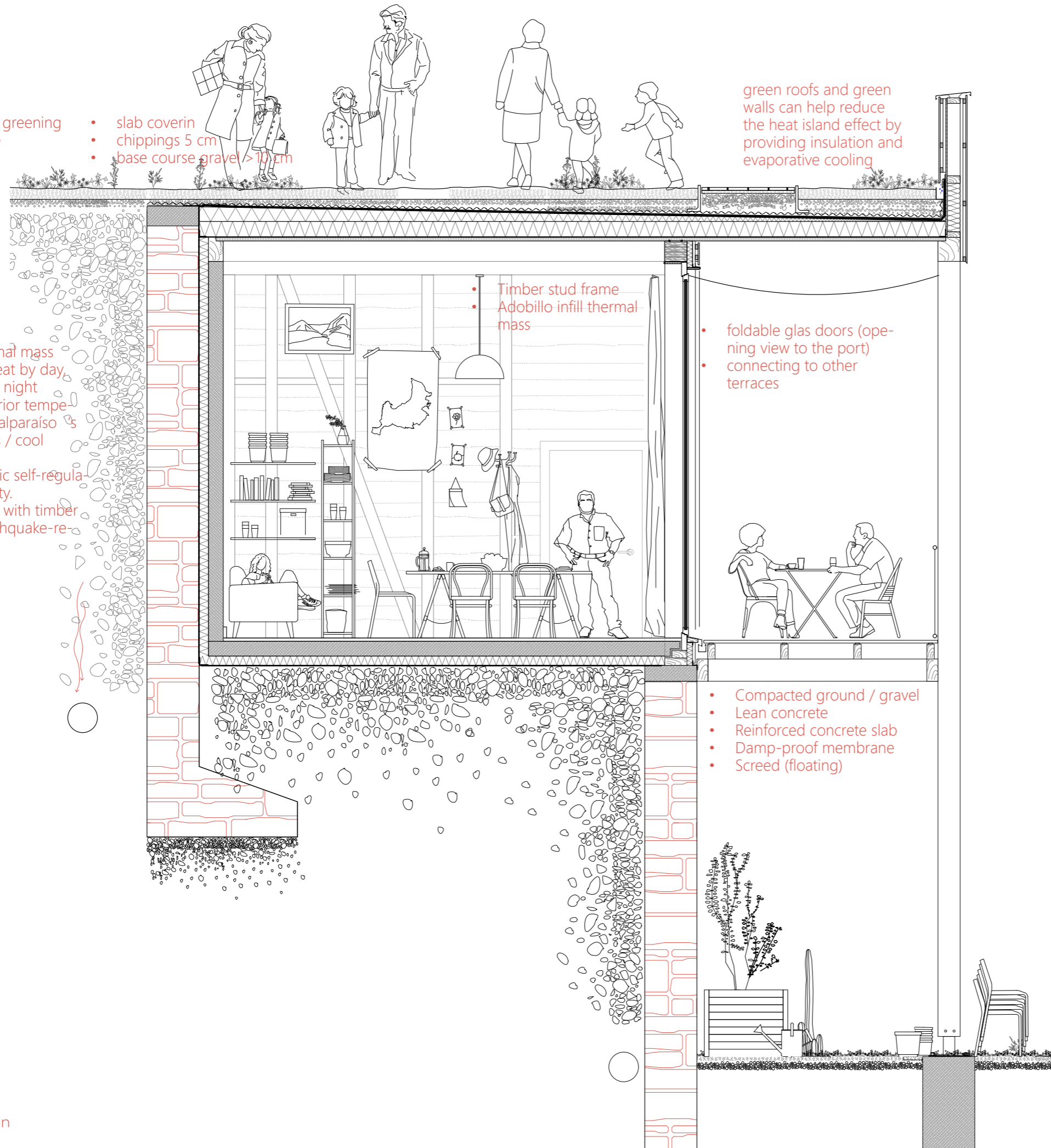
- High thermal mass absorbs heat by day, releases at night
- stable interior temperature in Valparaíso warm days / cool nights.
- hygroscopic self-regulates humidity.
- Combined with timber frame earthquake-resistant.

- Timber stud frame
- Adobillo infill thermal mass

- foldable glass doors (opening view to the port)
- connecting to other terraces

- Compacted ground / gravel
- Lean concrete
- Reinforced concrete slab
- Damp-proof membrane
- Screed (floating)

Fragment 1:20
a city in a section



PART I

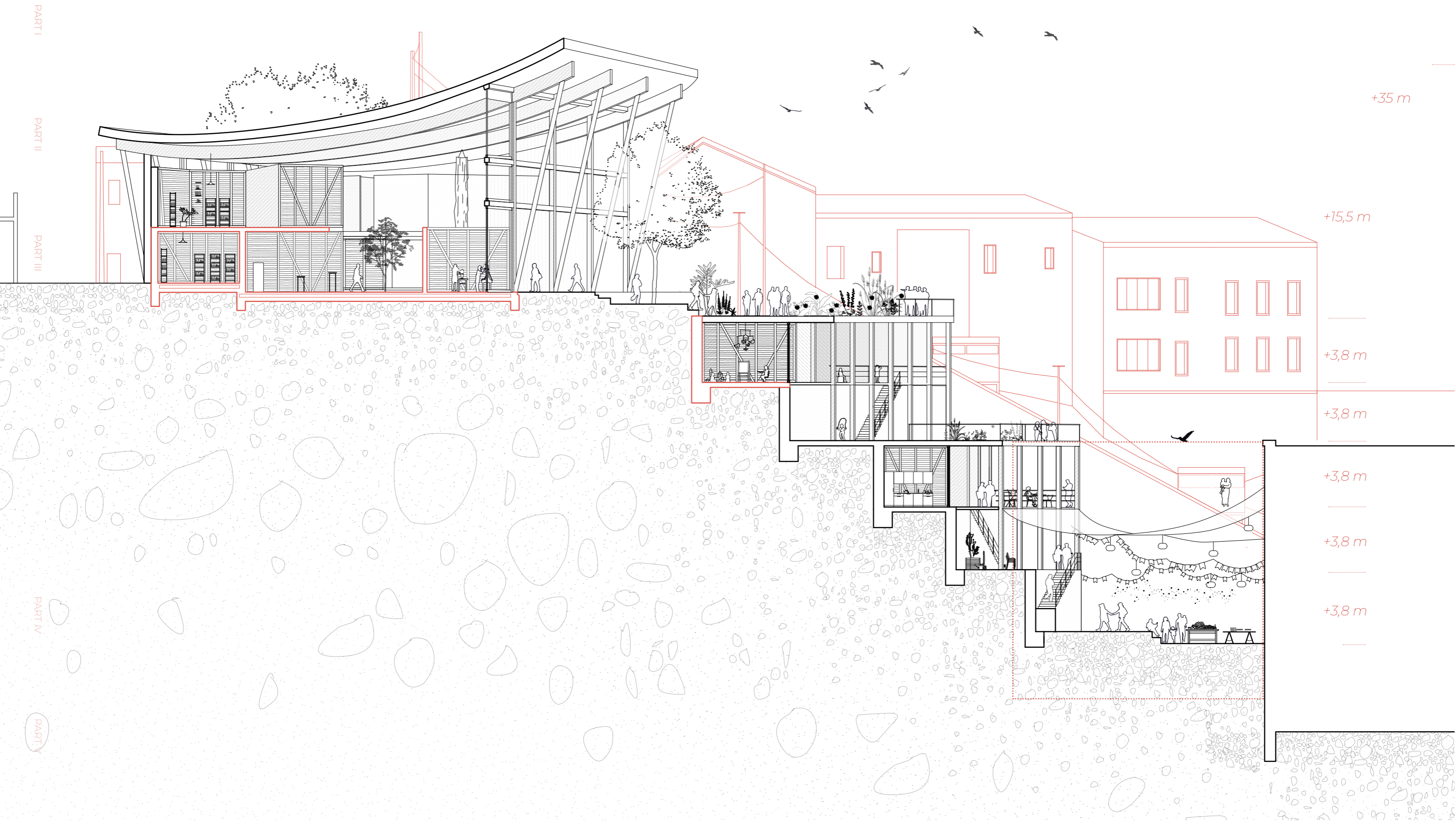
PART II

PART III

PART IV

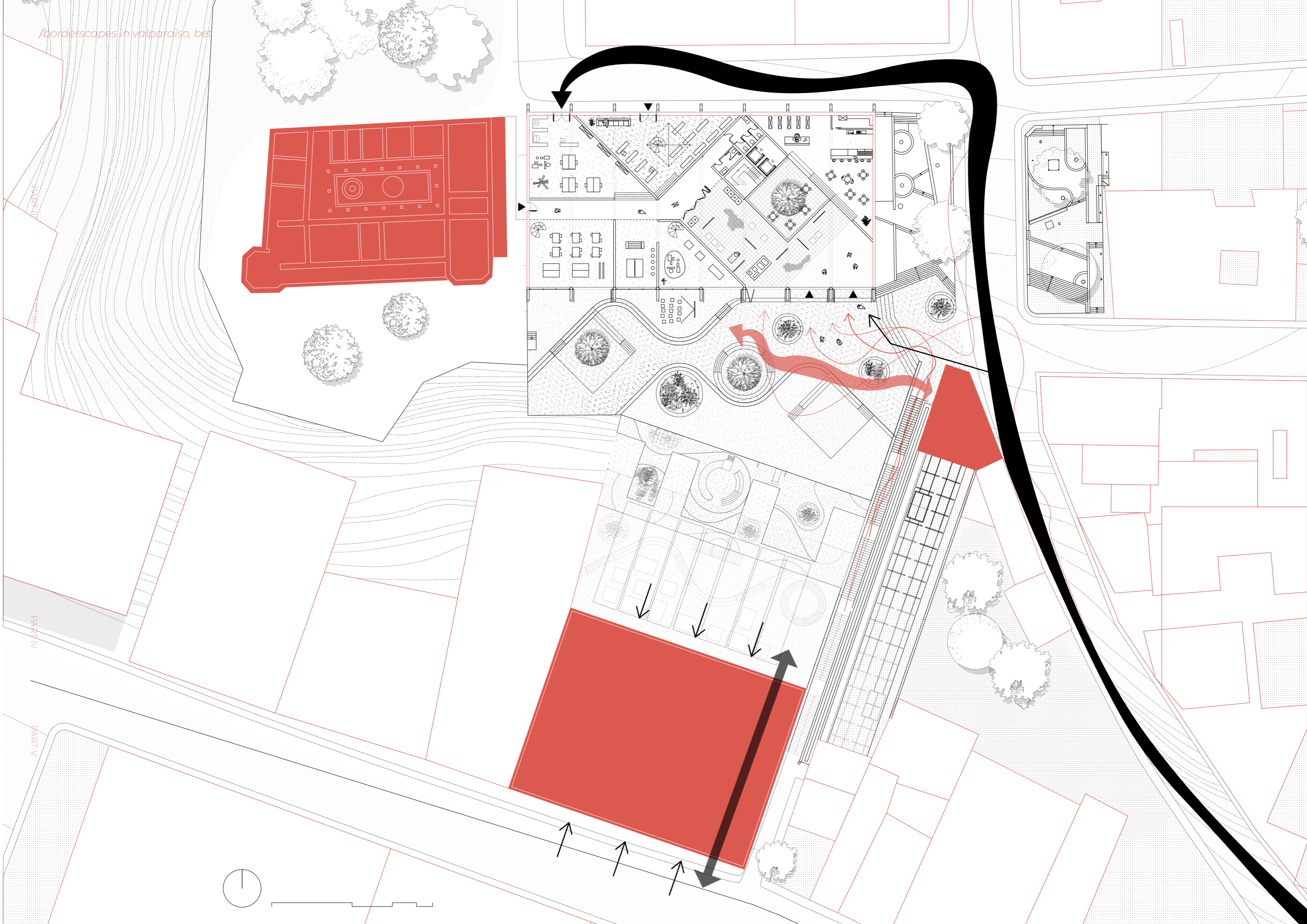
PART V





Section 1:200

/borderscapes in valparaiso, bet



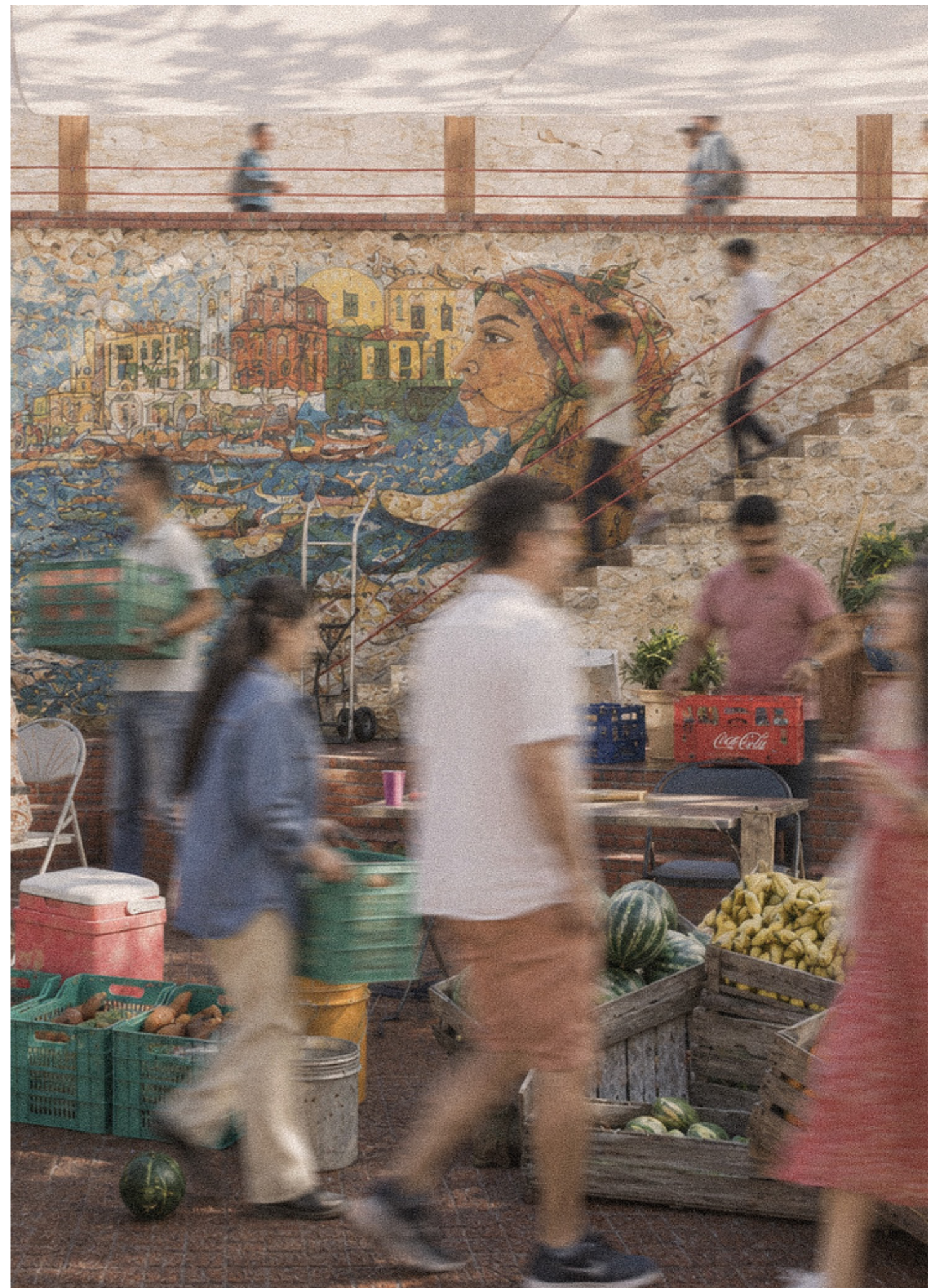
PART I

PART II

PART III

PART IV

PART V



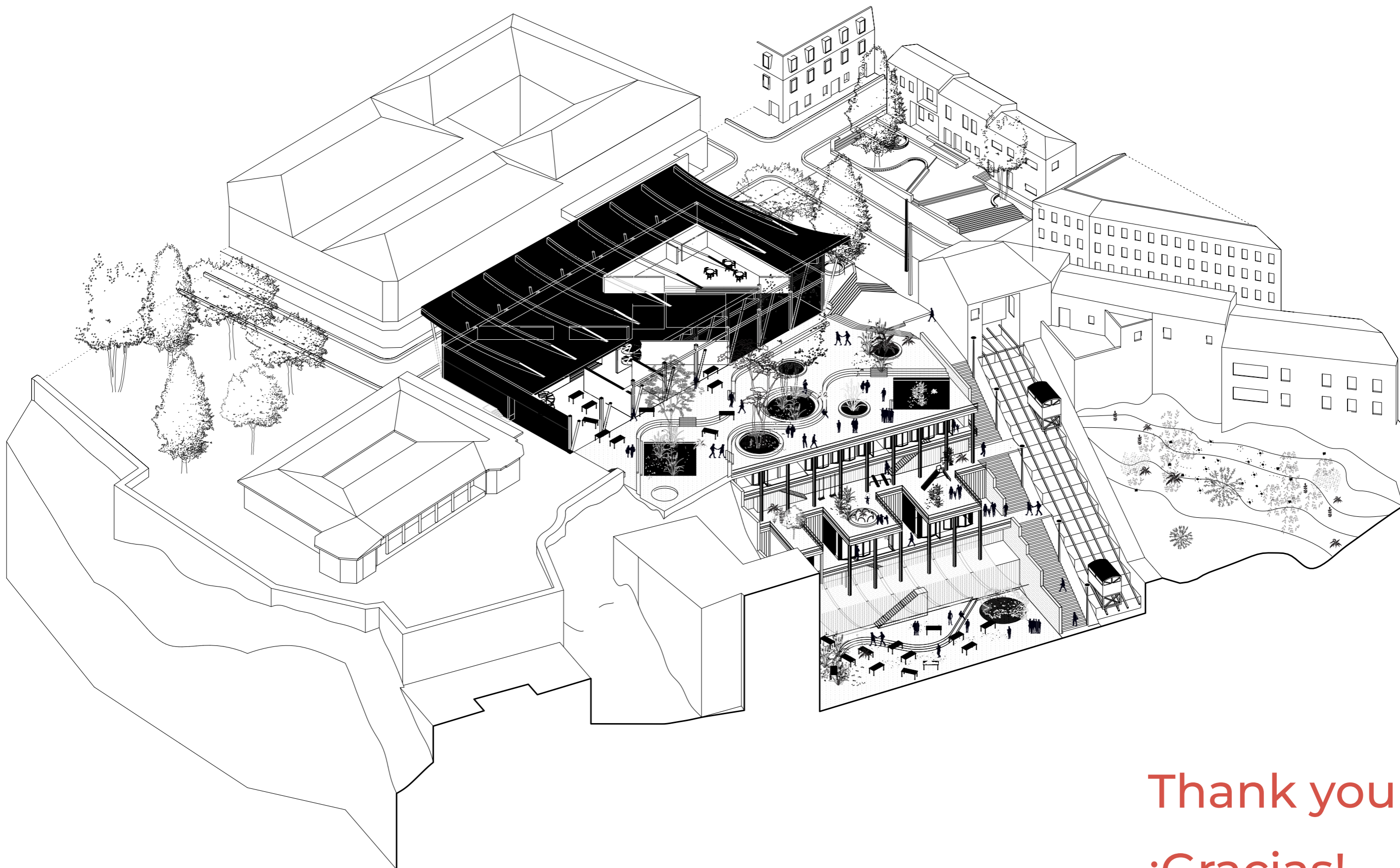
PART I

PART II

PART III

PART IV

PART V



Thank you!
¡Gracias!