

Freedom and Control in a Contested City

Constructing the Commons
Methods and Analysis Graduation Studio

Bogota, Colombia

Research

A Contested City

Fieldwork

Research Conclusions

Design Intentions

Process

Sites of Intervention

Field Conditions

Layering

Displacing

Loosening

Configuration

Interventions

Unweaving into Parts

(Re)Configuration

Structure

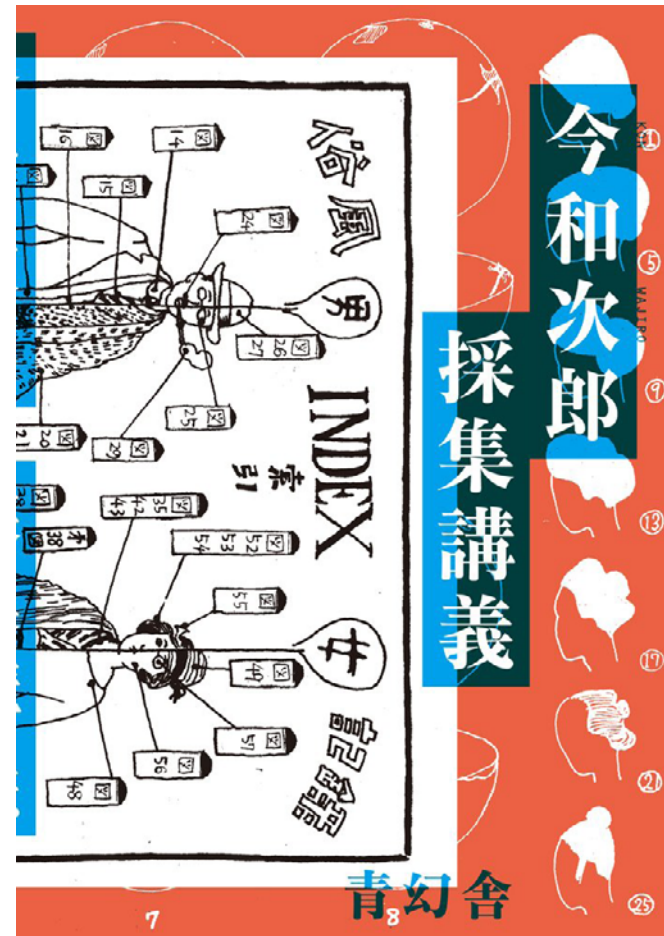
Summary

Reflections

Field configurations and modules

A Constellation of Spaces

Superimposed Fields



Wajiro Kon's Modernology



Hishikawa Moronobu
Fragments of interiors and street scenes

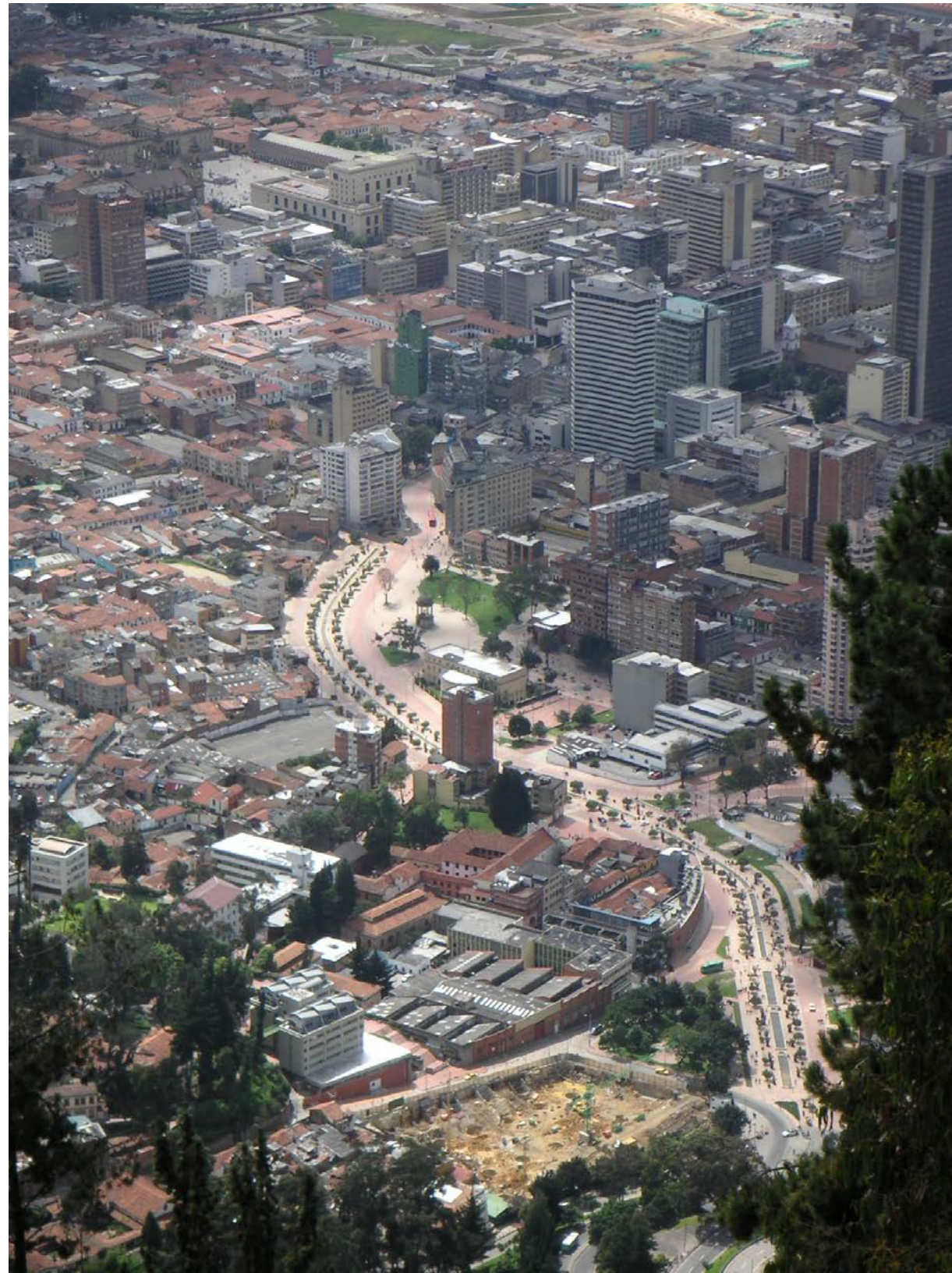
The Interior Condition

“The interior is that space that architecture makes, which is all at once set apart from the world and in its midst... regardless of its scale, whether it is that of a dwelling, a temple, a settlement, a city or a continental territory, is informed and shaped by ideas.”

- ‘The Public Interior as Idea and Project’, Mark Pimlott

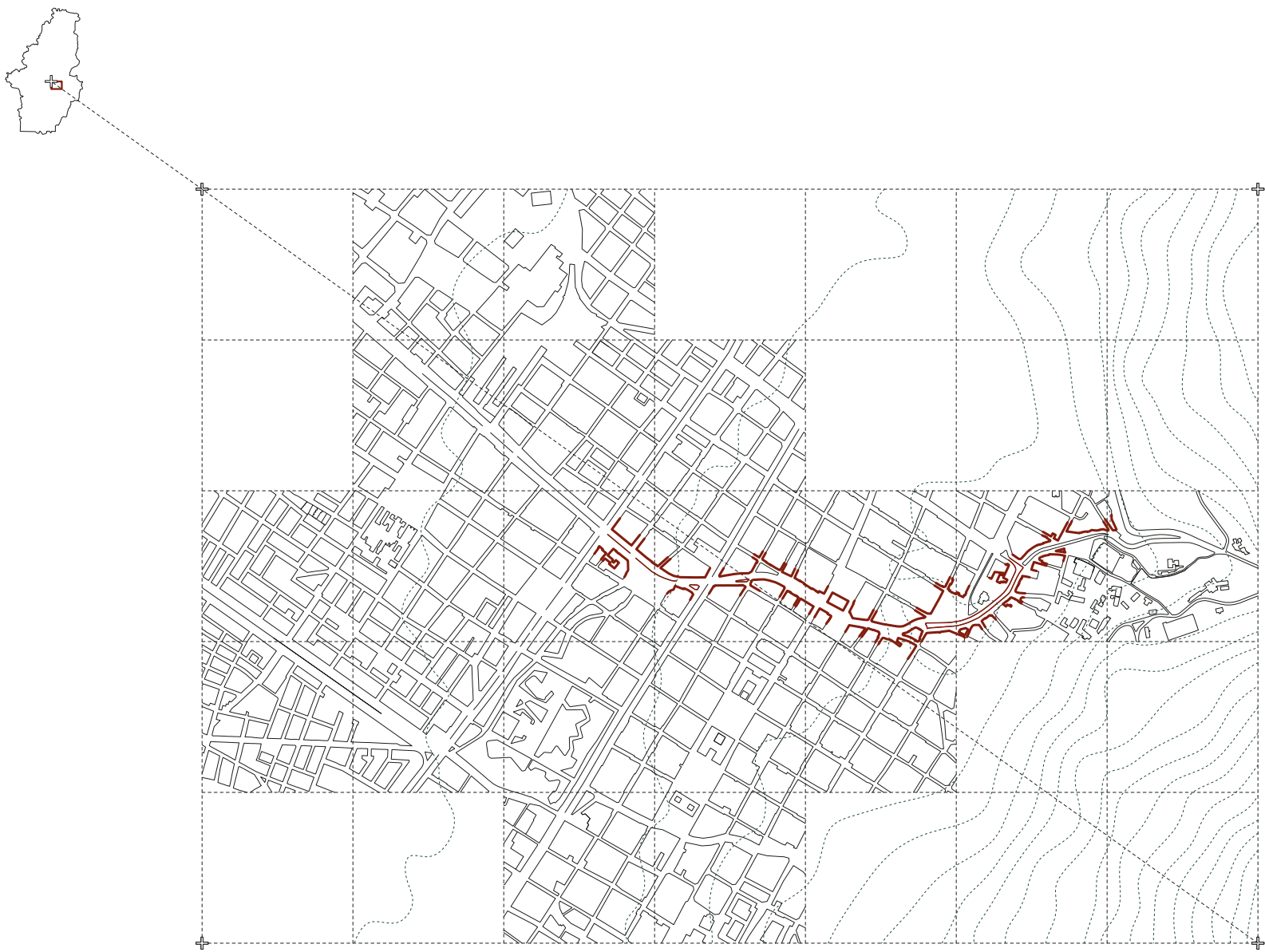
Eje Ambiental

View from Monserrate



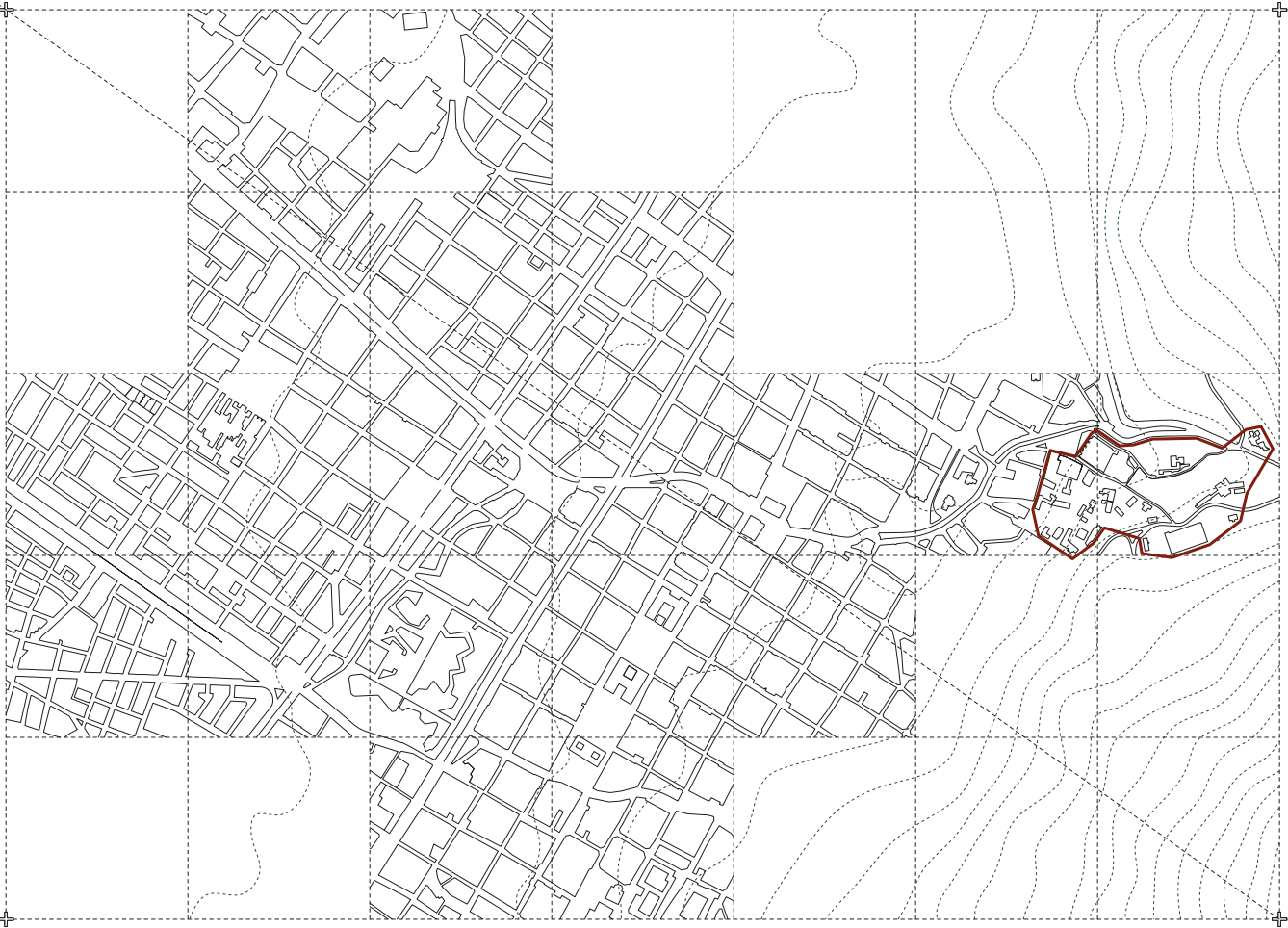
Eje Ambiental

Tracing the Route



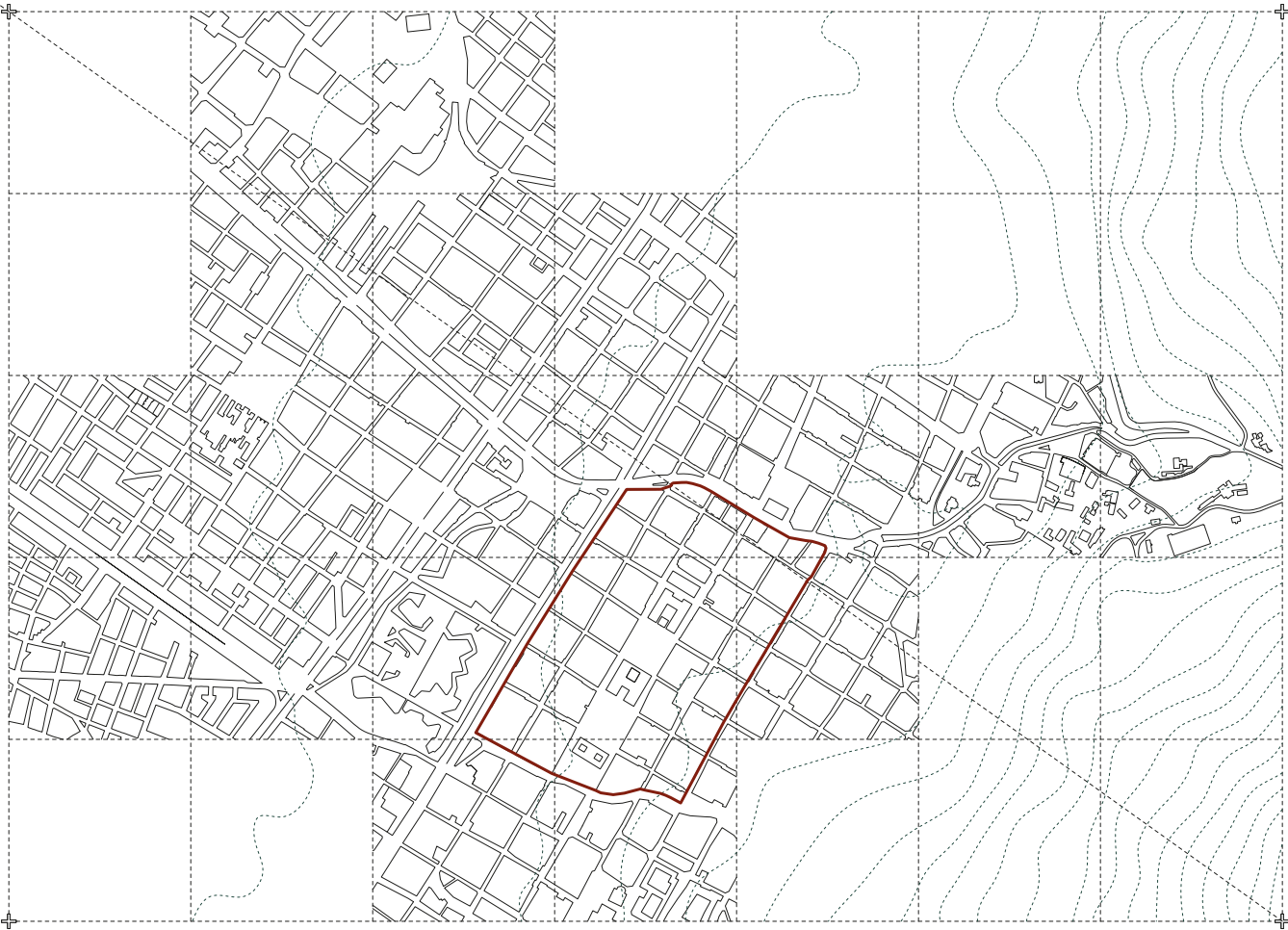
Eje Ambiental

Universidad Los Andes



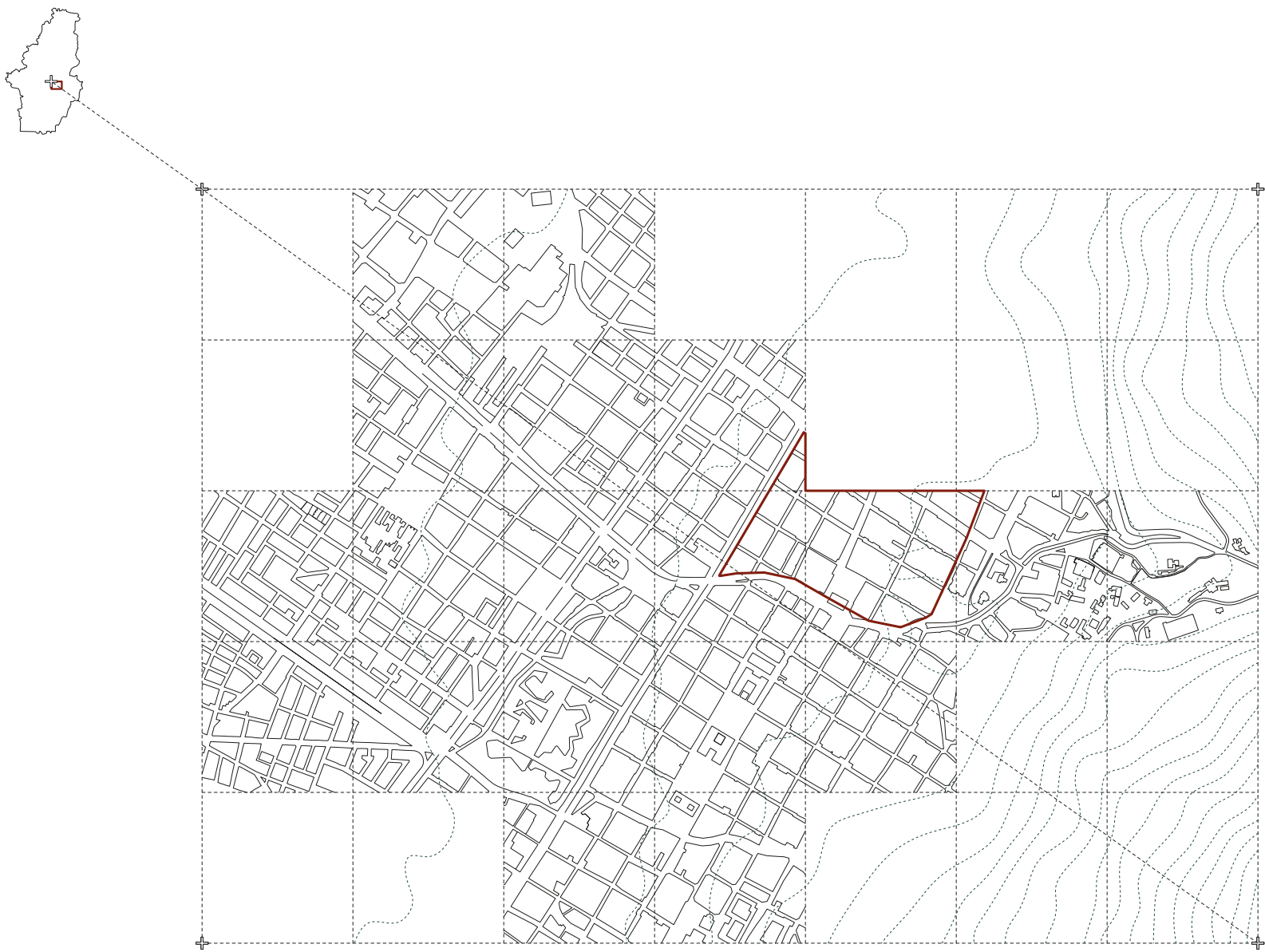
Eje Ambiental

La Candelaria



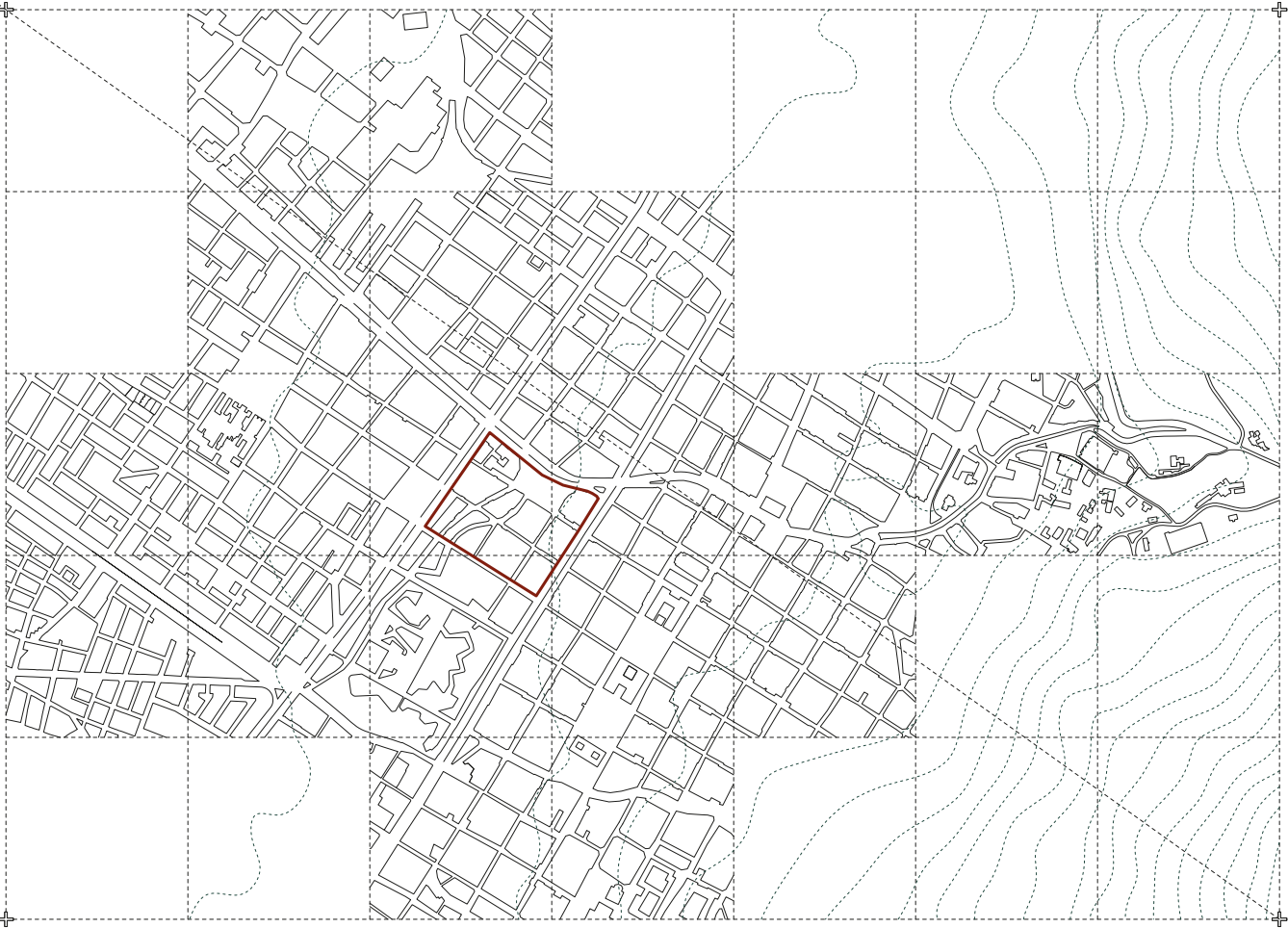
Eje Ambiental

Plaza Santander and Carrera Septima



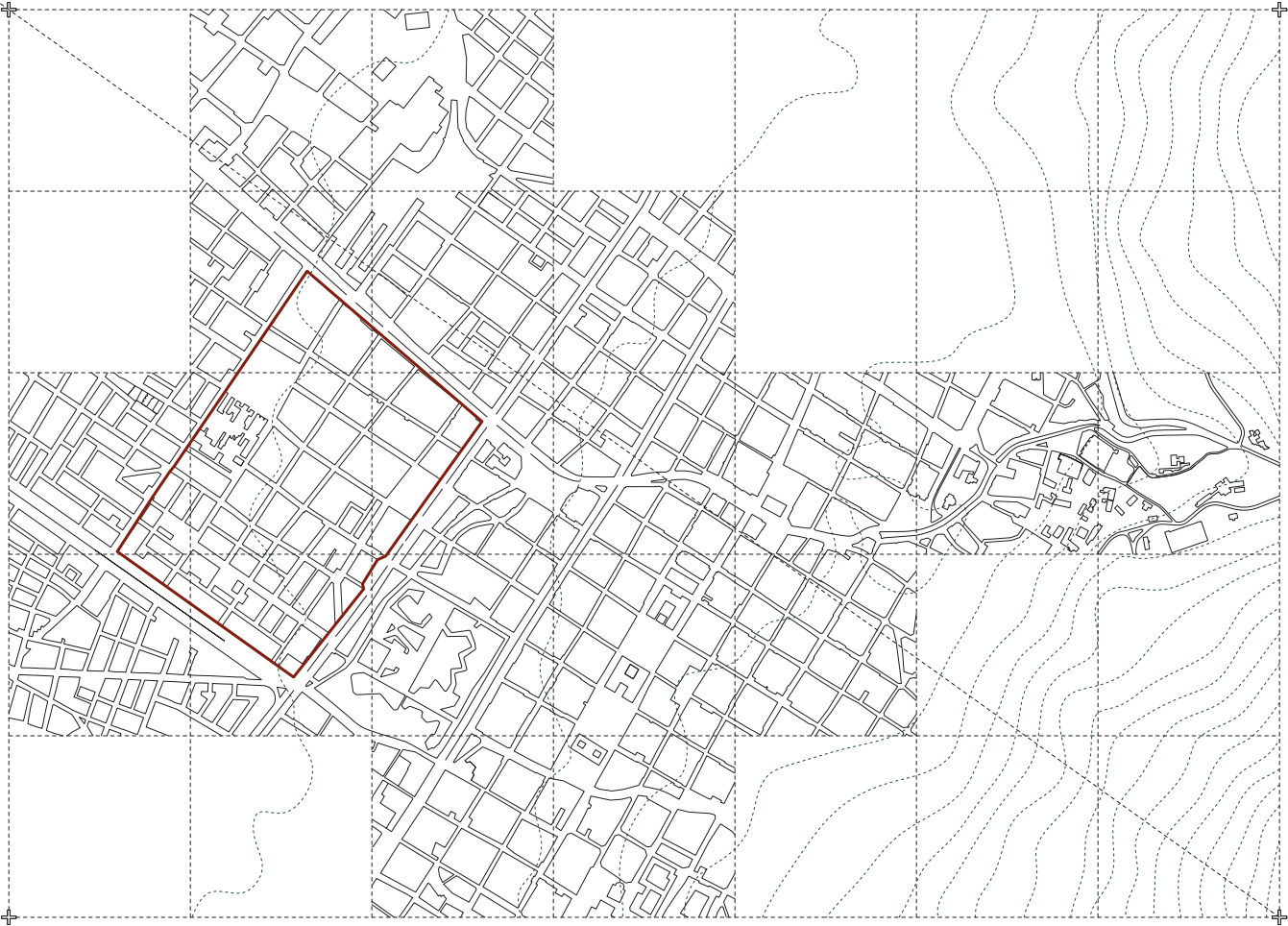
Eje Ambiental

San Victorino



Eje Ambiental

Voto Nacional



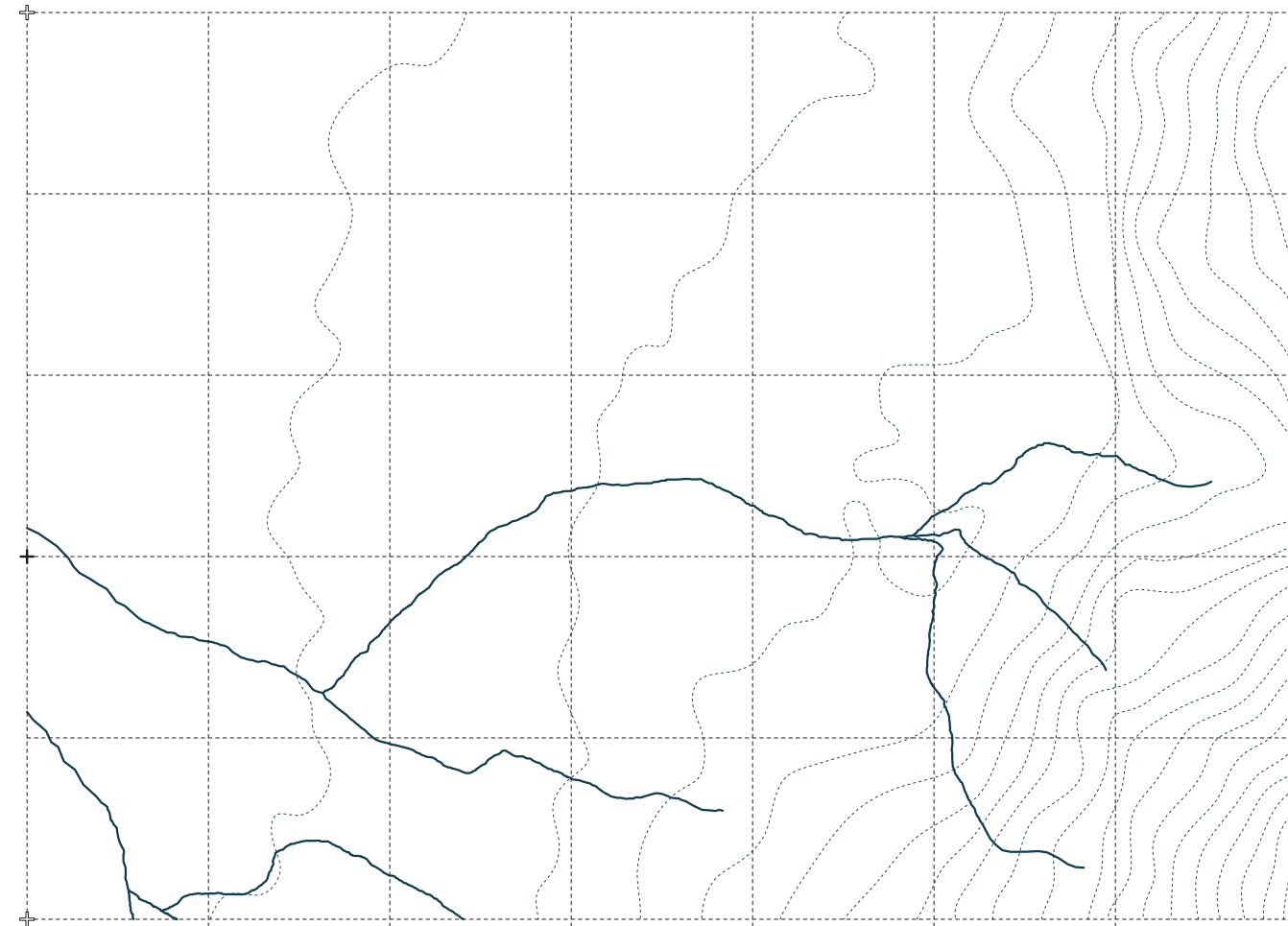
A Contested Inner City

Fragmentation and exclusion



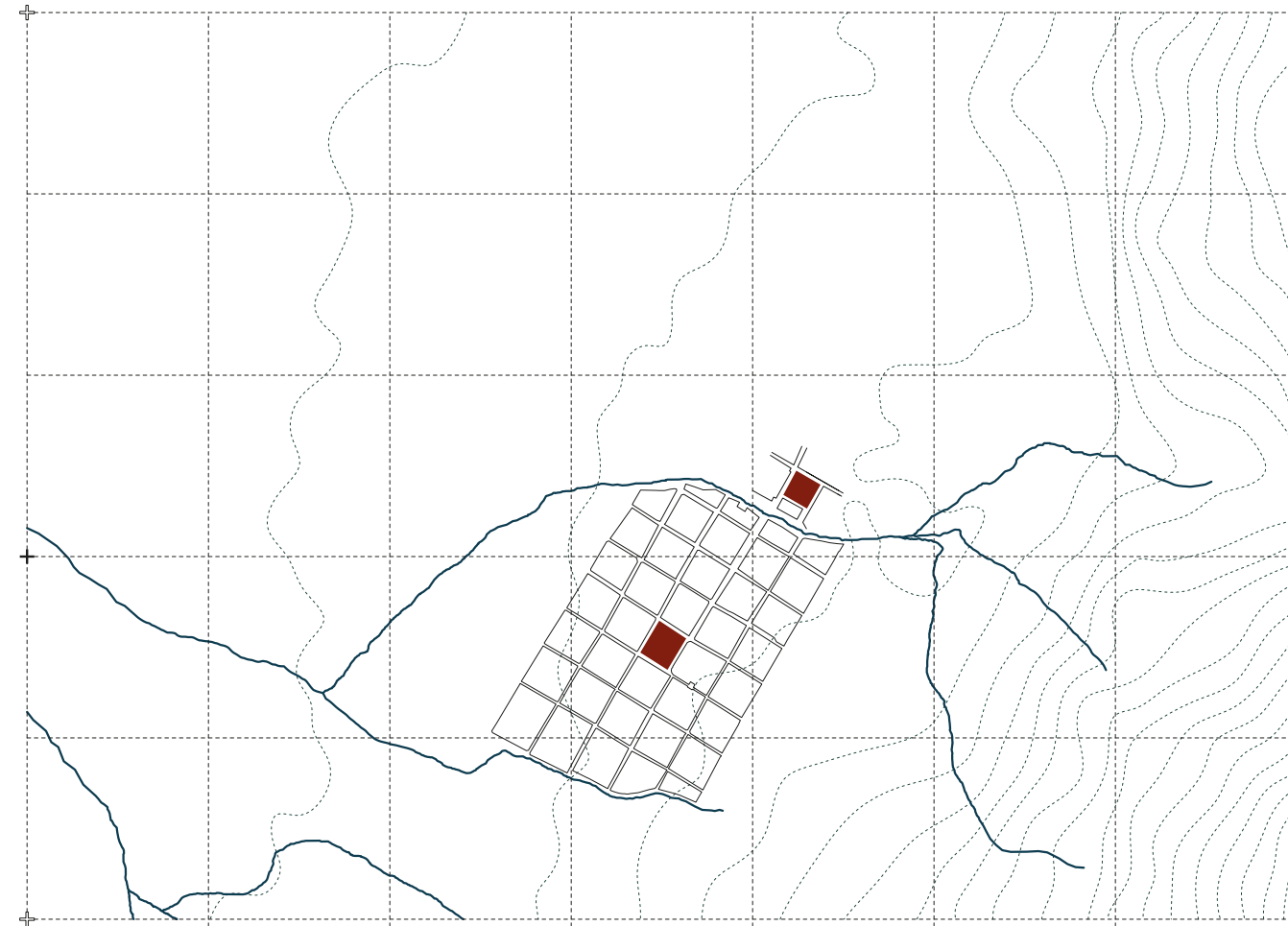
Morphology and Infrastructure

Terrain



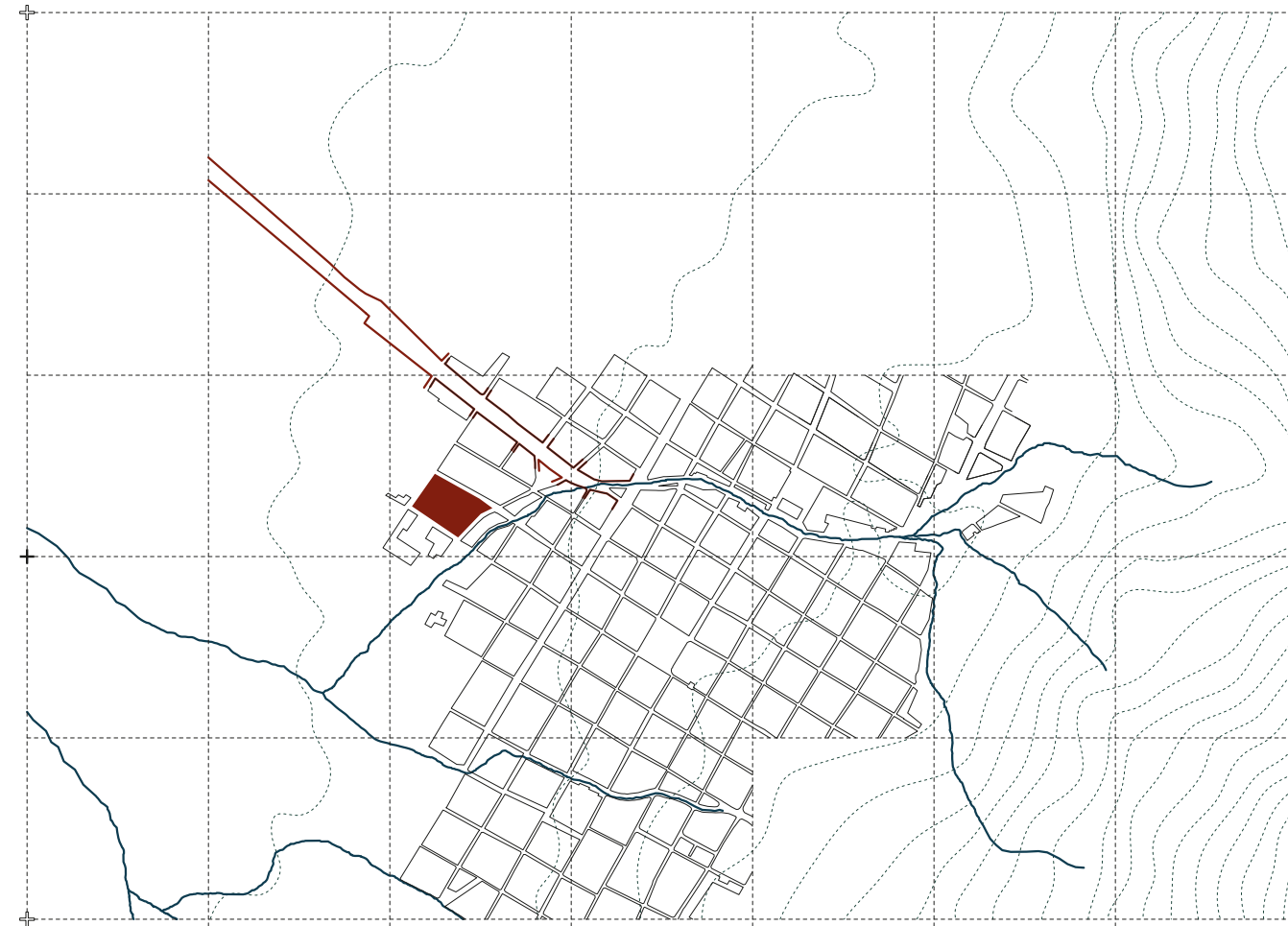
Morphology and Infrastructure

Foundation, 1539



Morphology and Infrastructure

Peripheries across the river



Morphology and Infrastructure

19th Century arrival of rail network



Morphology and Infrastructure

20th Century proliferation of highways



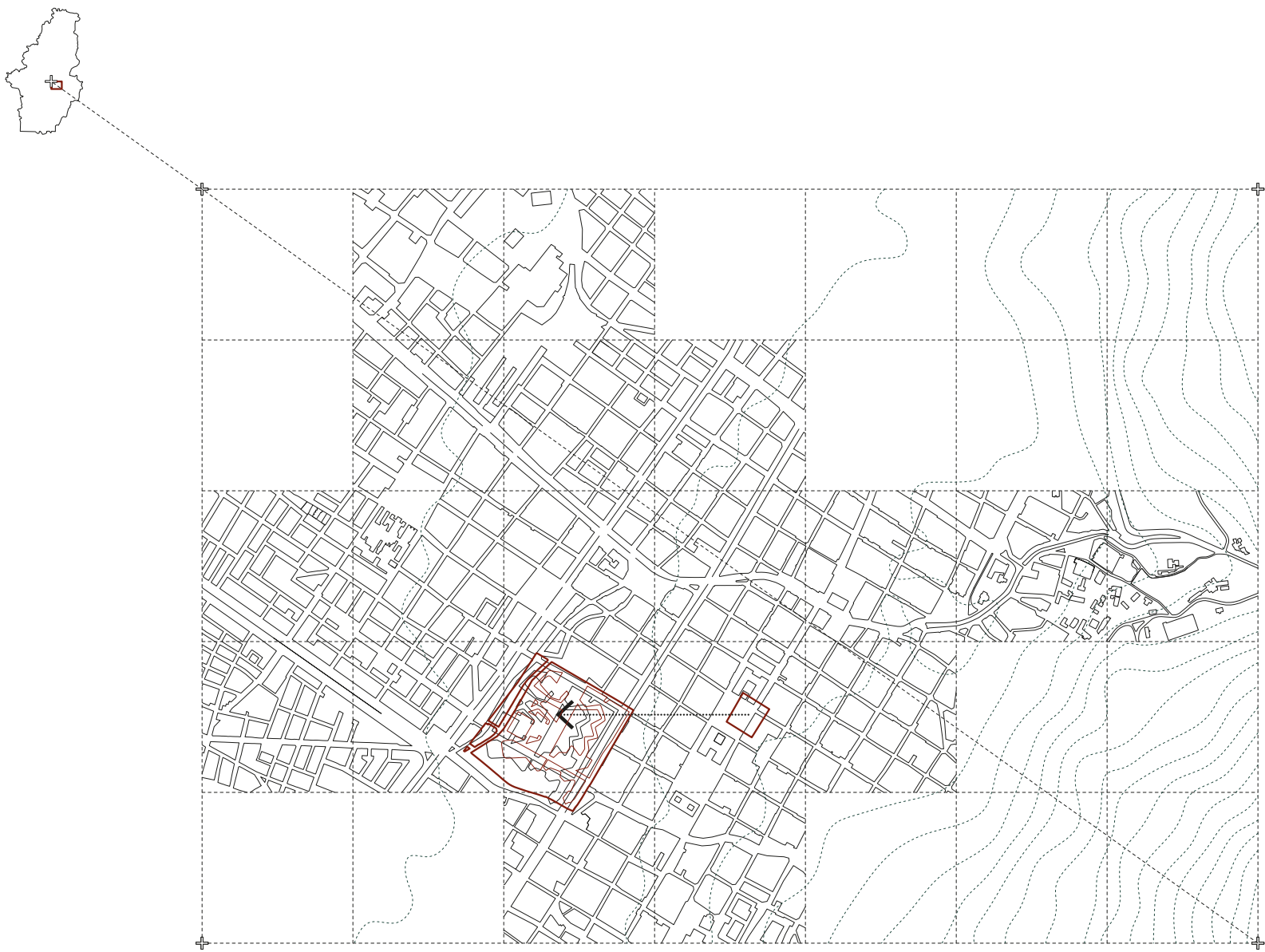
Freedom and Control

Eviction and Interiorisation



Freedom and Control

The Interior as Project, Parque Tercer Milenio (2007)



Freedom and Control

Forceful destruction of existing condition



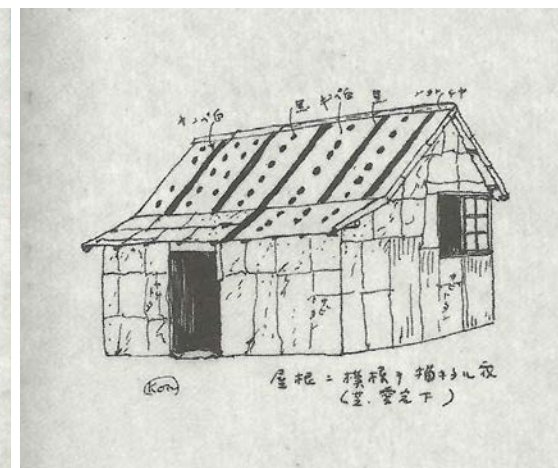
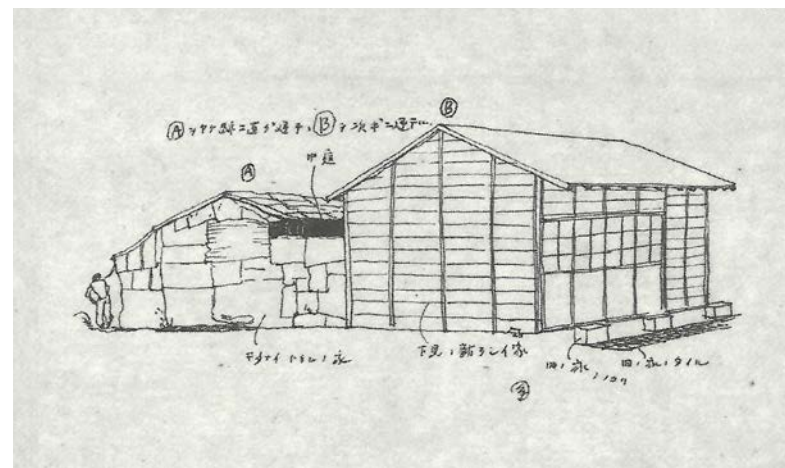
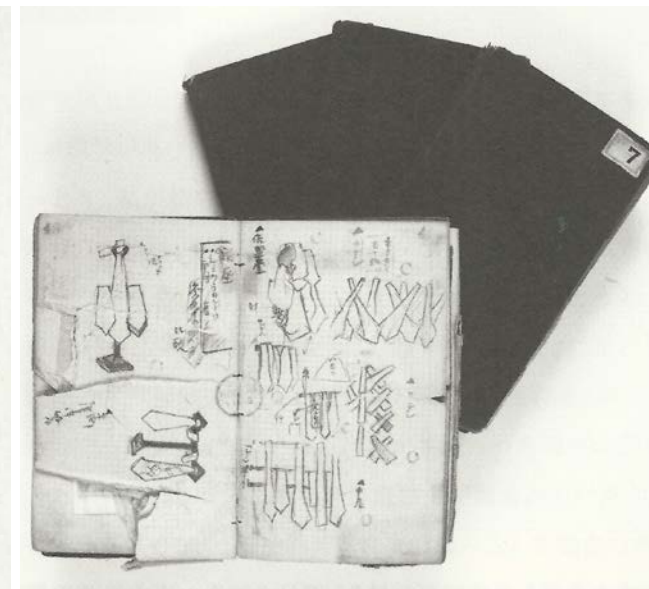
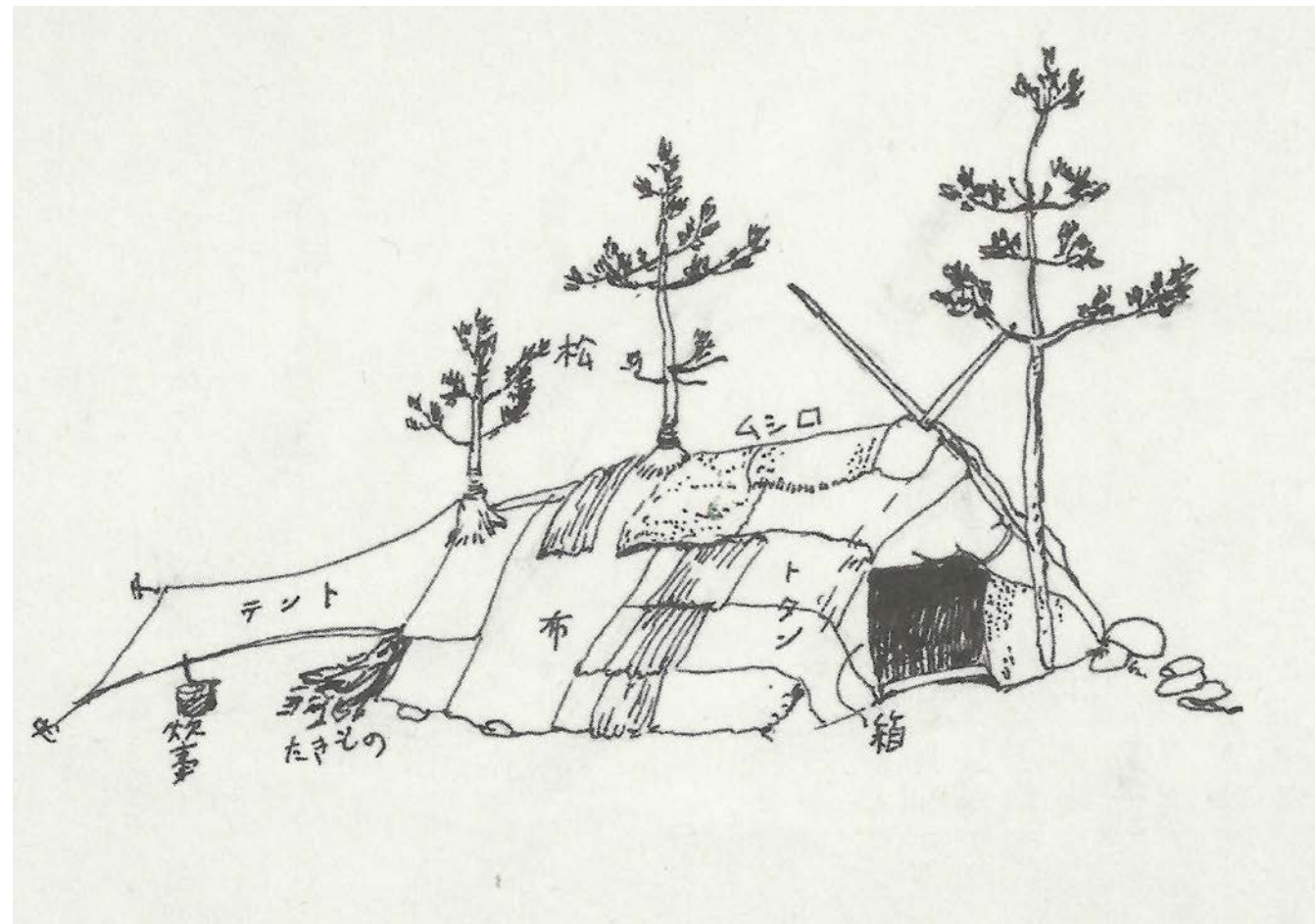
Freedom and Control

Exclusion of the Other, Parque Terceiro Milenio edge condition



Fieldwork

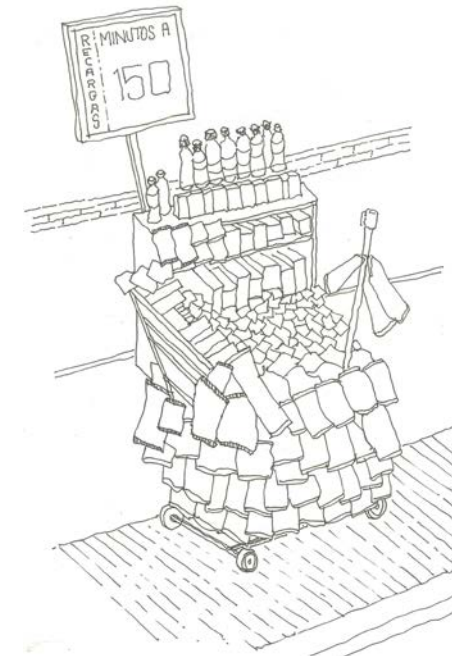
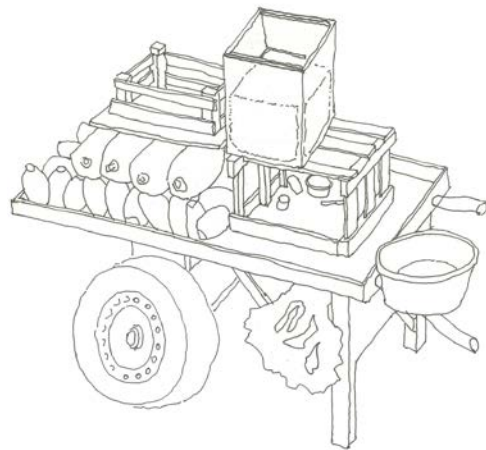
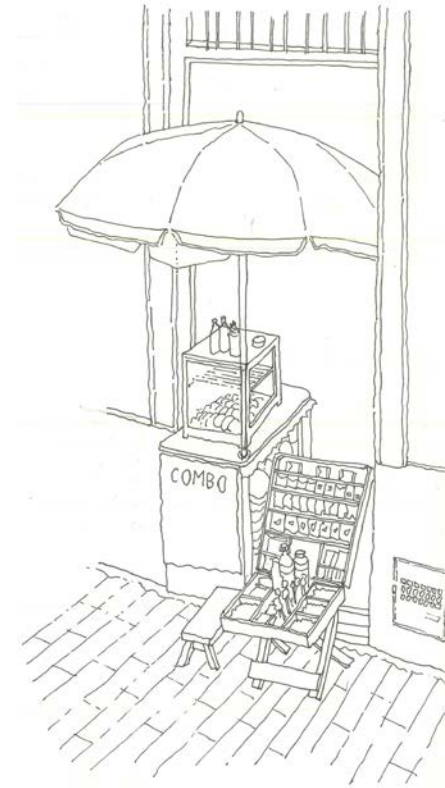
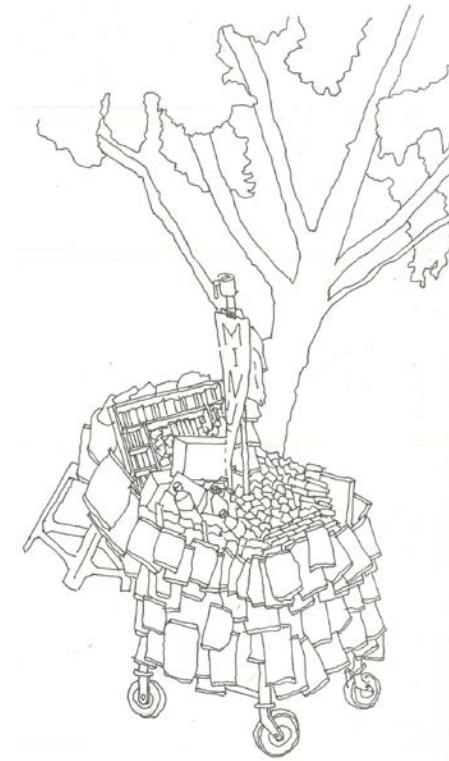
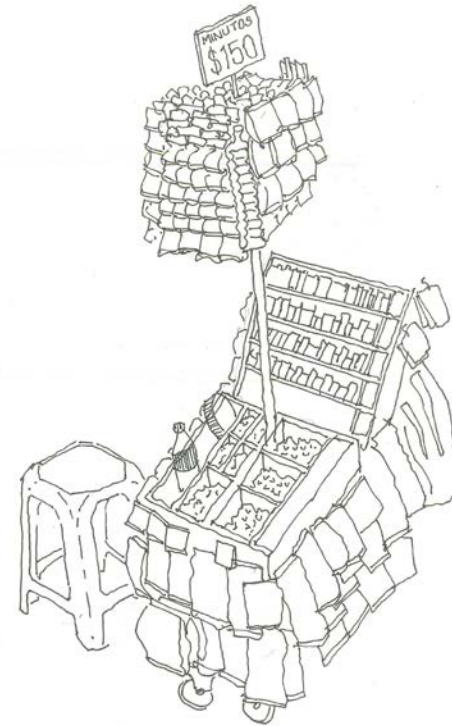
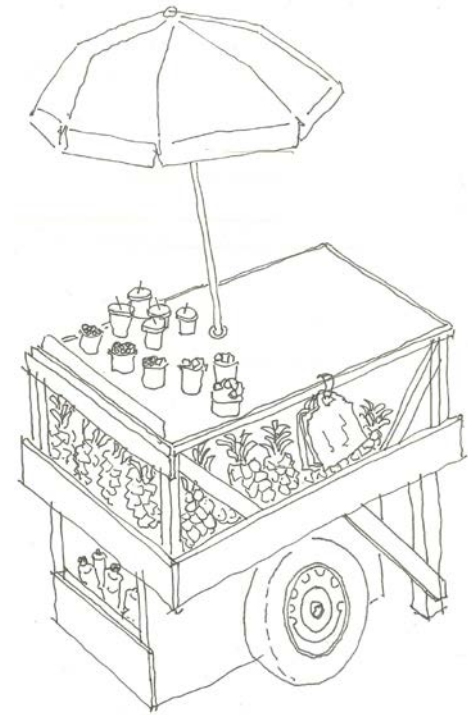
Drawing the City



Sketches of temporary shelters, Wajiro Kon (1923)

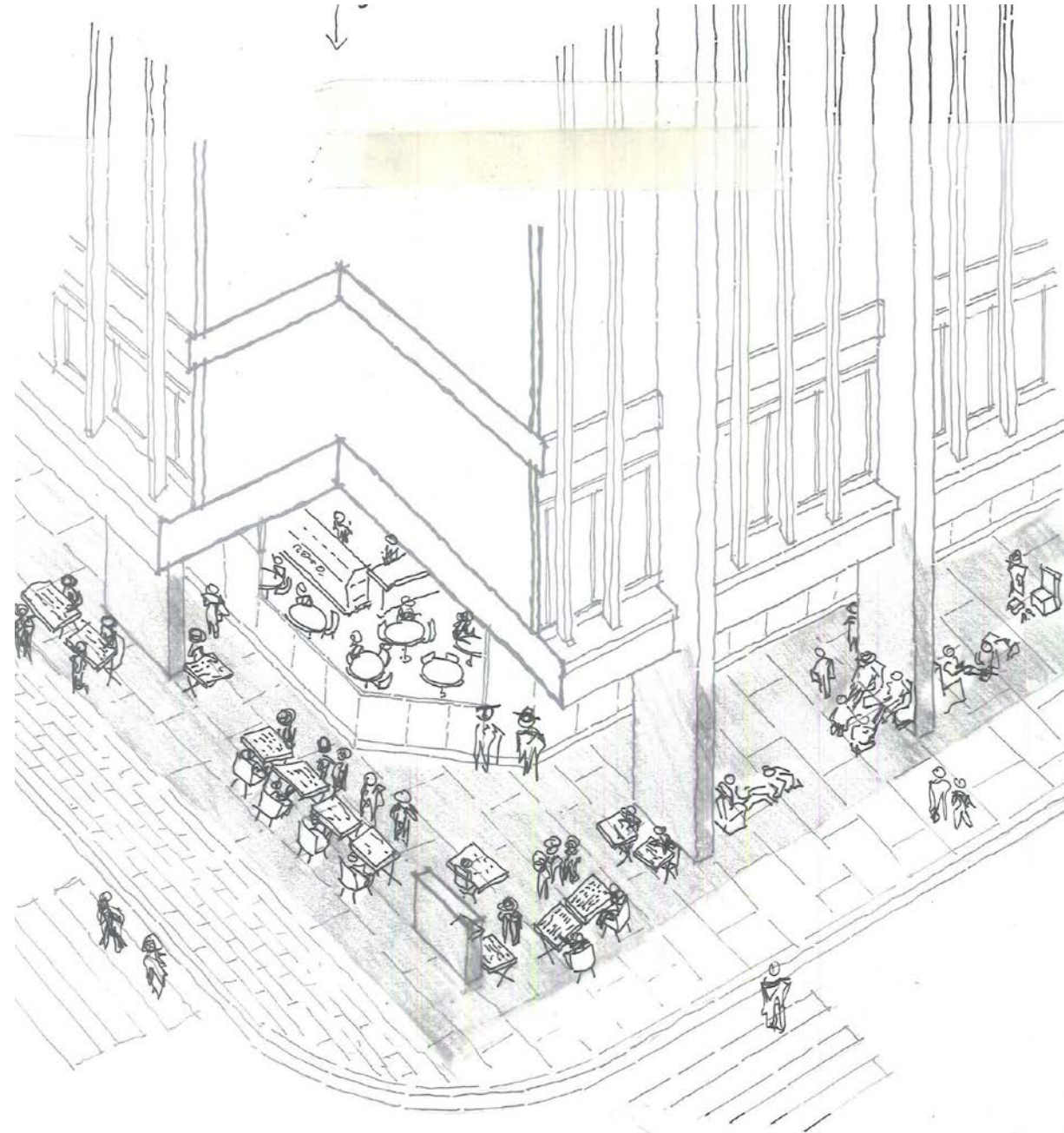
Fieldwork

Informal social practices



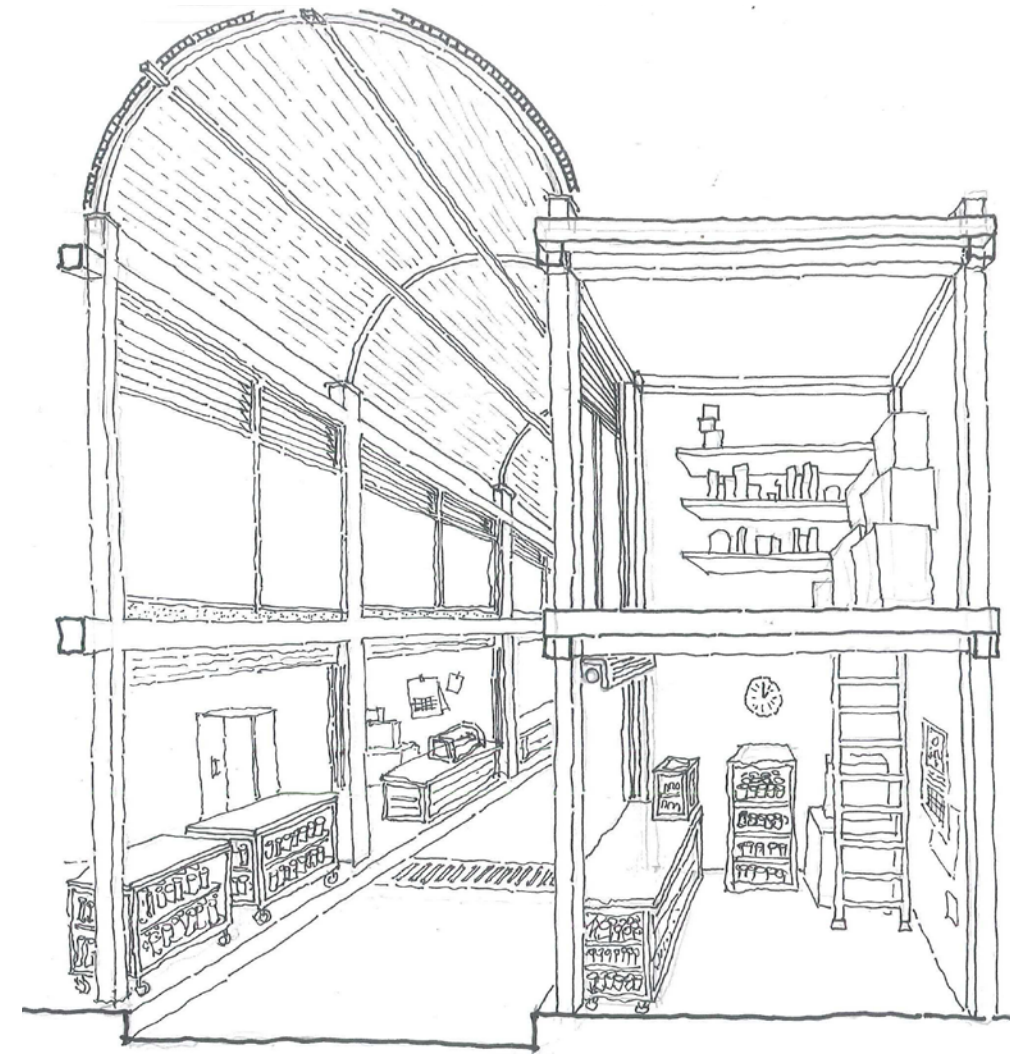
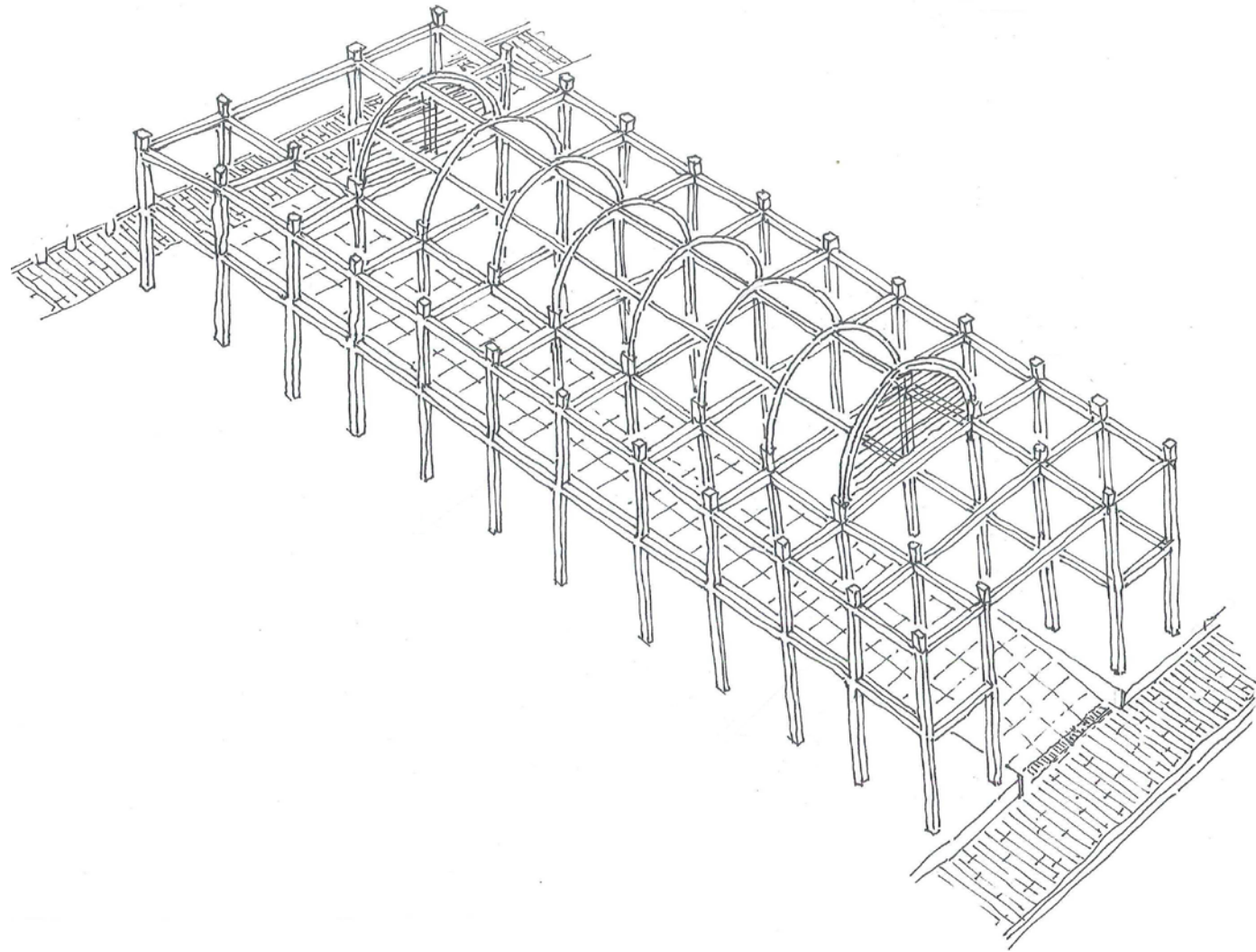
Fieldwork

Places of exchange



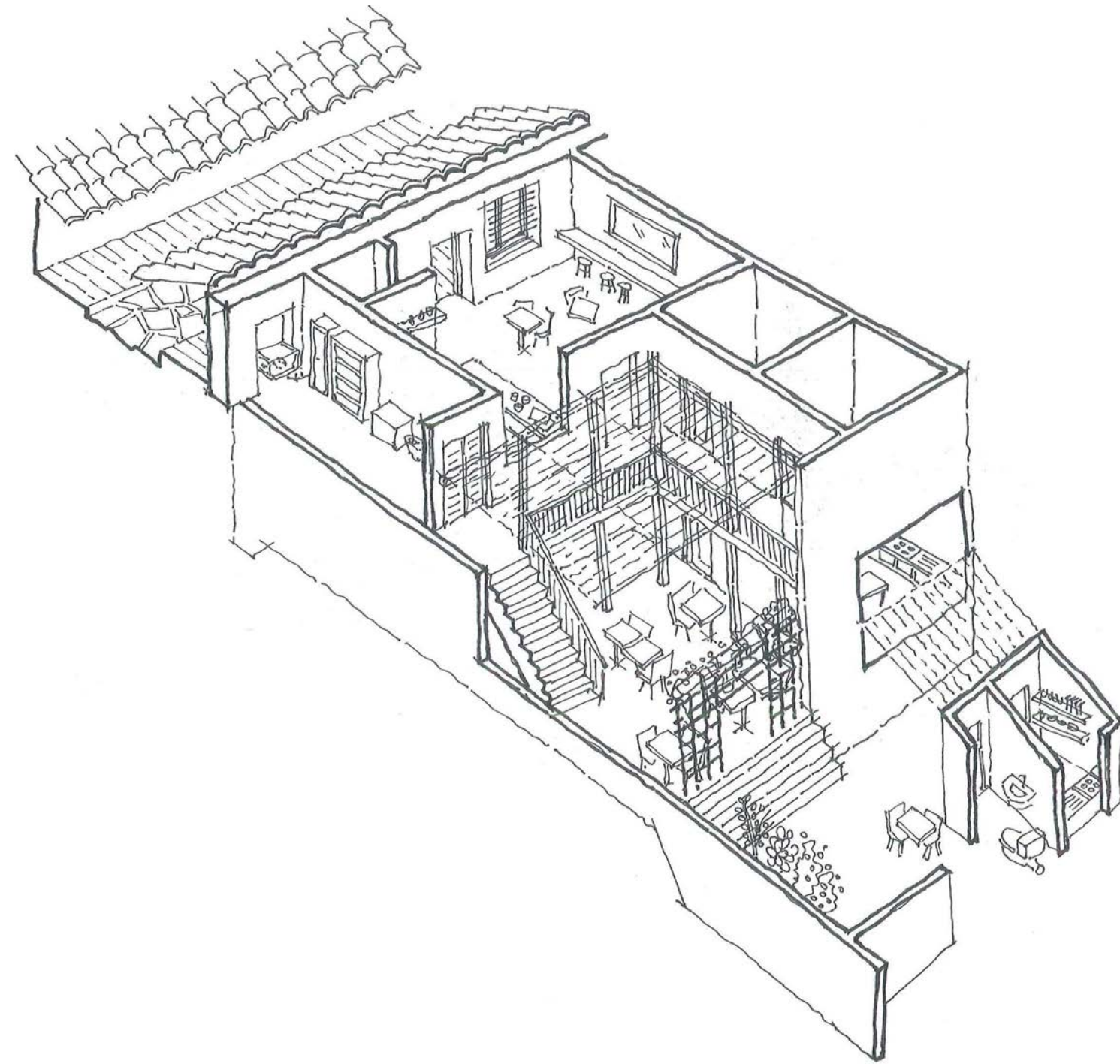
Fieldwork

The Interior as a Connector



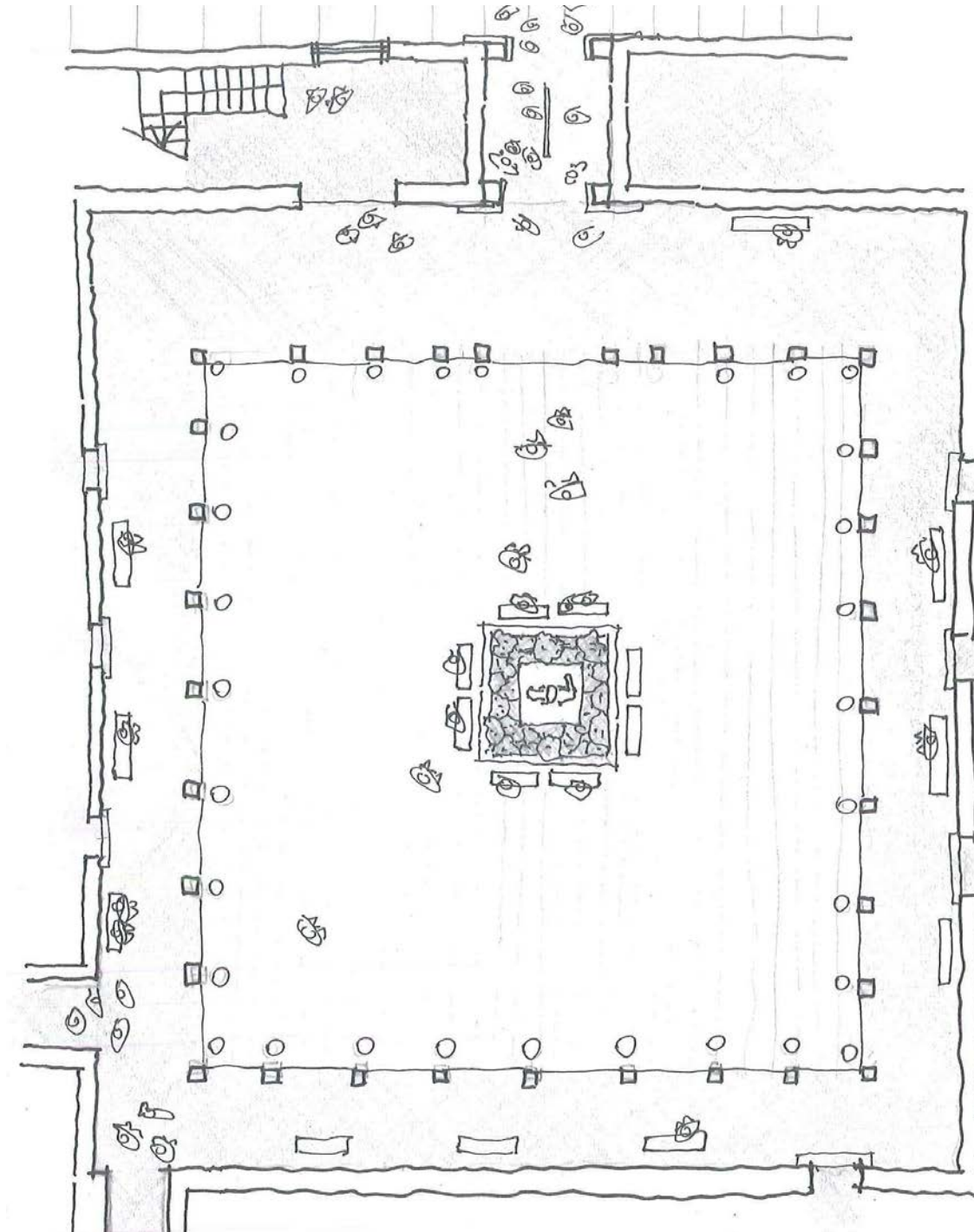
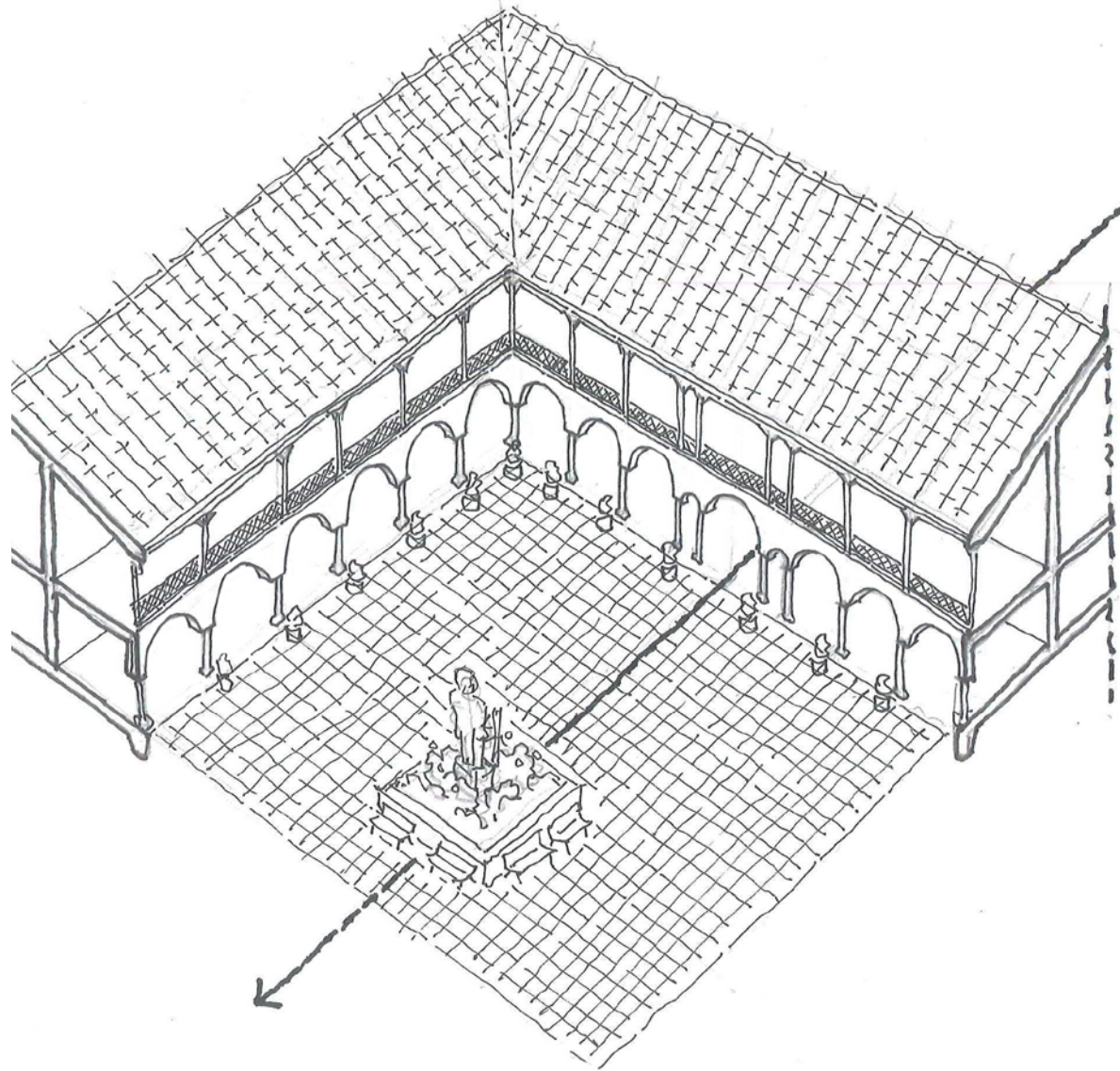
Fieldwork

From Street to Interior



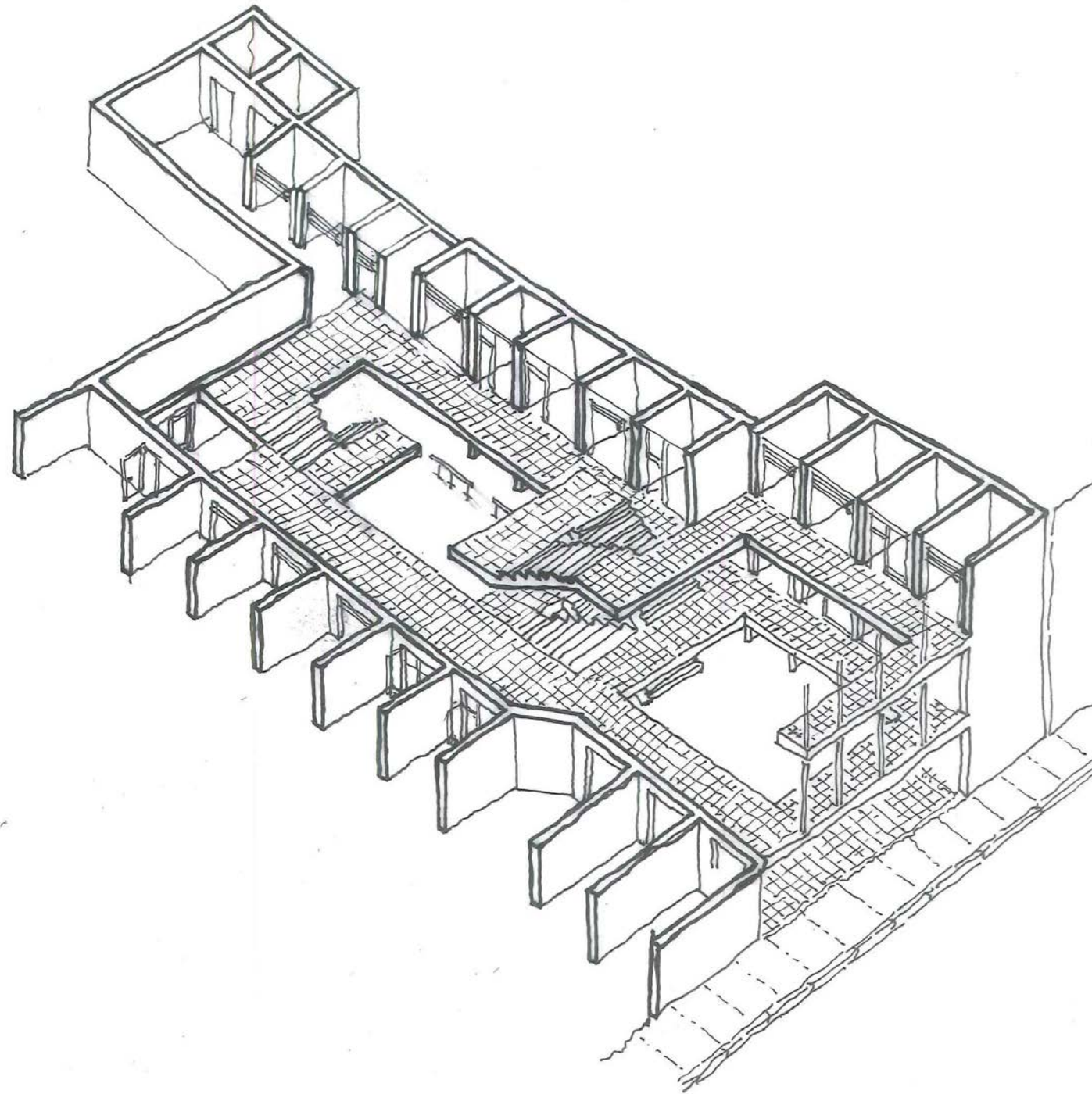
Fieldwork

From Street to Interior



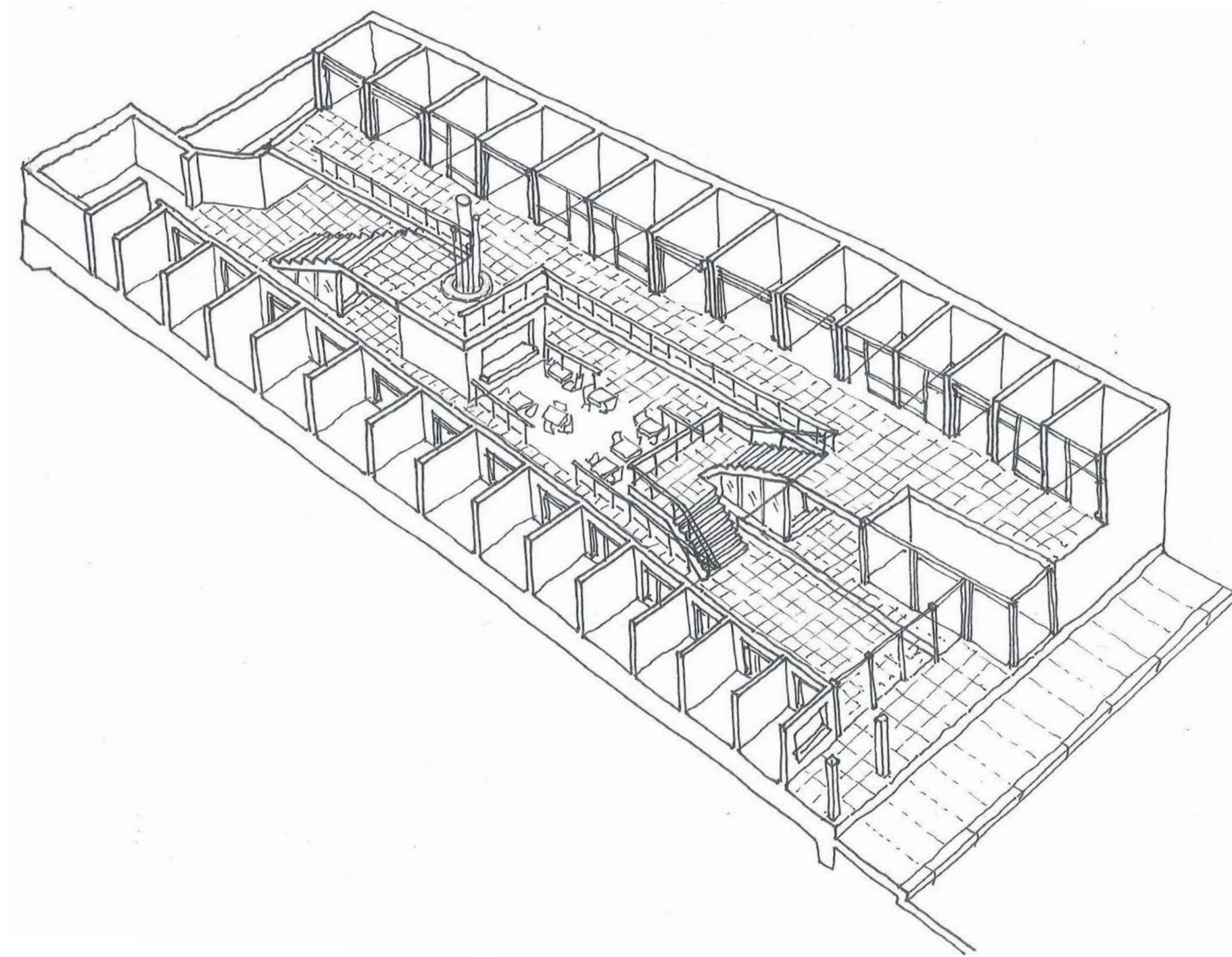
Fieldwork

From Street to Interior



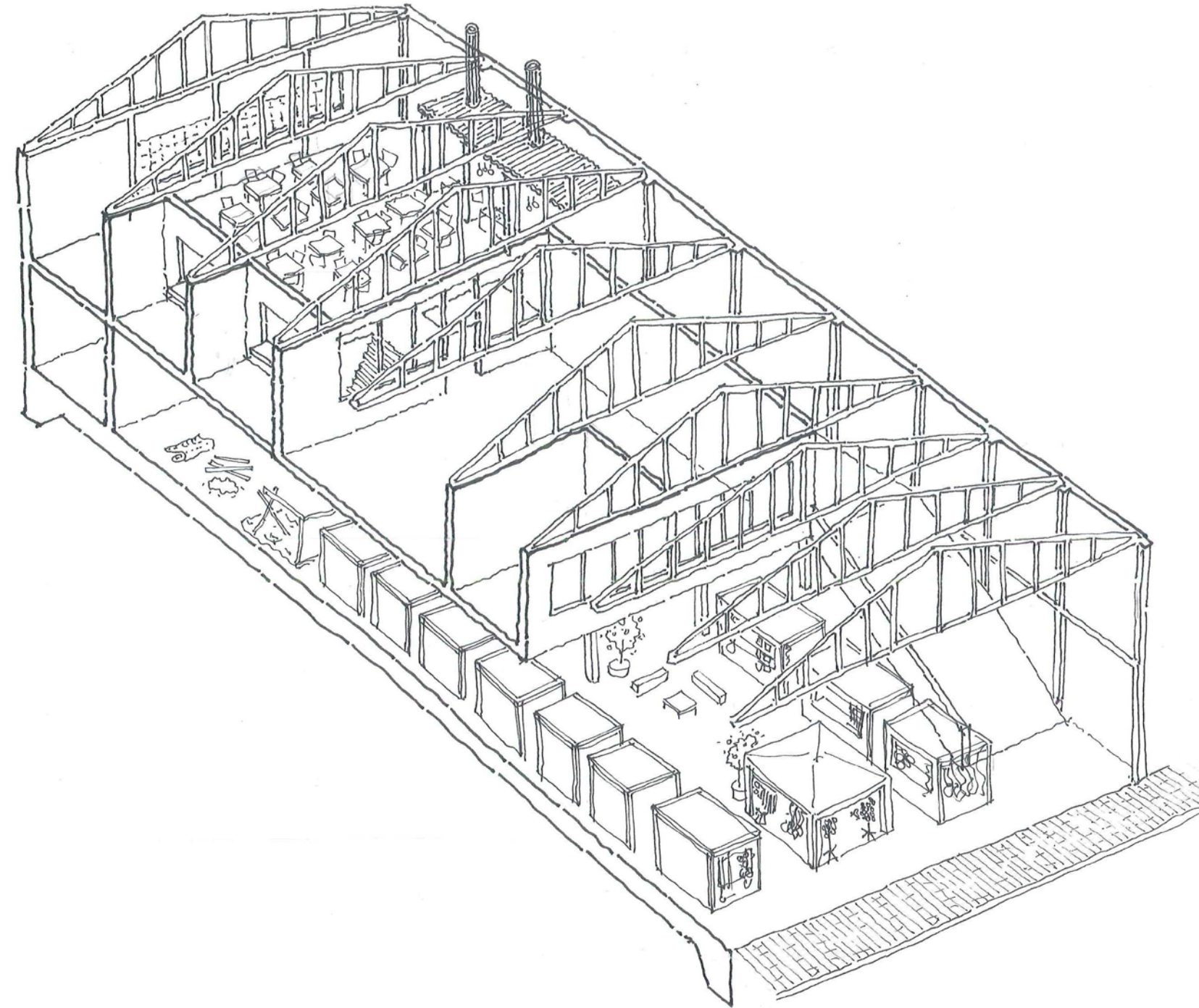
Fieldwork

From Street to Interior



Fieldwork

From Street to Interior



The Architecture of Retreat

An Autonomous Paradise



Monastery La Cartuja, Granada, Spain



Shopping passage near Eje Ambiental, Bogota

Fieldwork Conclusions

Informality in an Ideal City

The early form of the city established clear notions of the interior as a **secure** space **protected** from the unpredictability of its surroundings

These relationships between the interior and its surroundings are **traceable** in **contemporary forms** of public interiors, which maintain a **restricted relationship** with the street

The **interior as urban and architectural project** is used to **secure land** in the city and to **homogenise and control social practices**

This approach has facilitated the **spatial exclusion** of people and social practices, and recent attempts to extend control have resulted in forceful **displacement** and **conflict**

Design Intentions

The design project **challenges** the **enclosure** and control of empty sites by **modifying** the **relationship** between the **street**, the urban **block** and the architectural **interior**

It seeks to **reconcile** paradoxical notions of **connection** and **retreat** that define the interior

In doing so, it aims to **destabilise** the homogeneity of the interior by introducing **flexible** and **varied** means of **appropriation** and access.

Process

Speculative Sites

Pressure to develop empty plots



Speculative Sites

Empty plots used as car parks



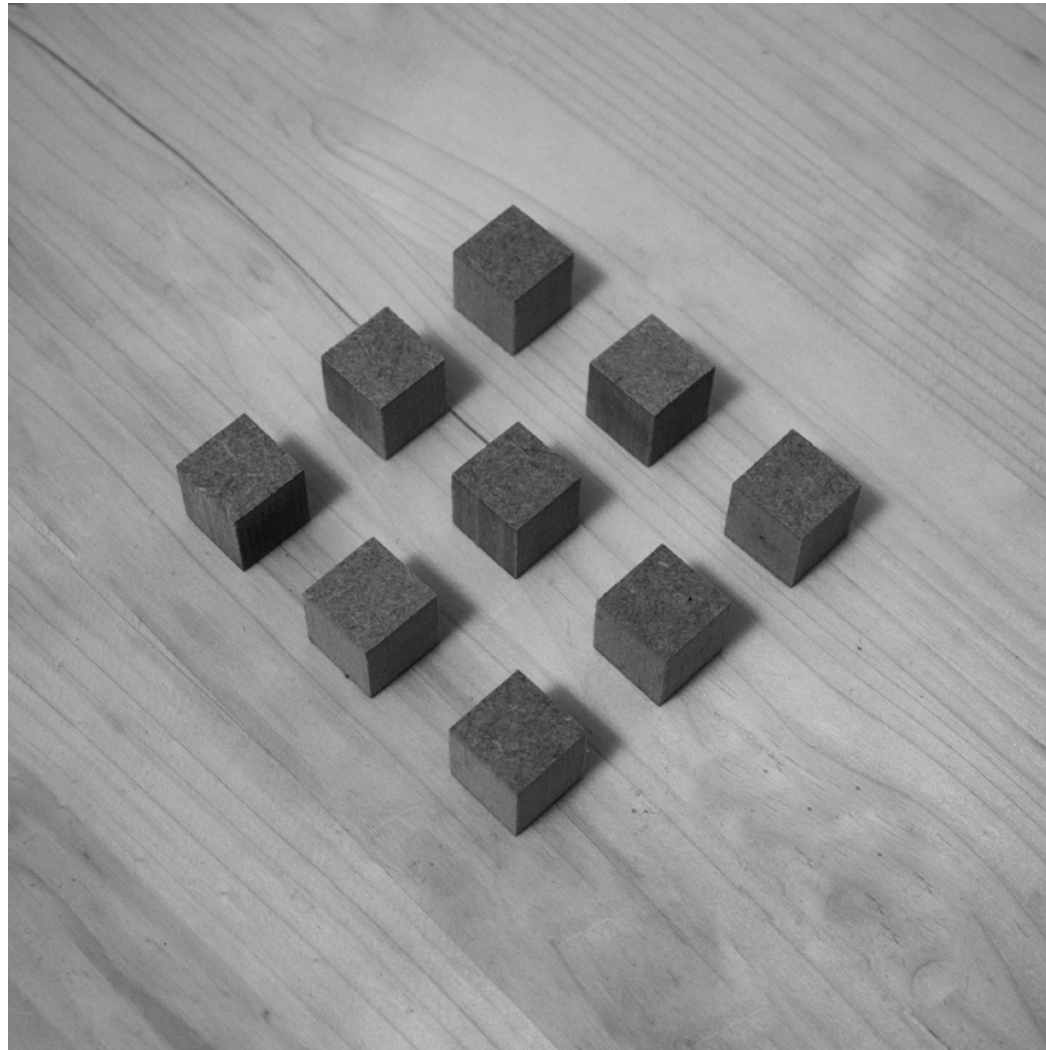
Speculative Sites

Mapping empty plots



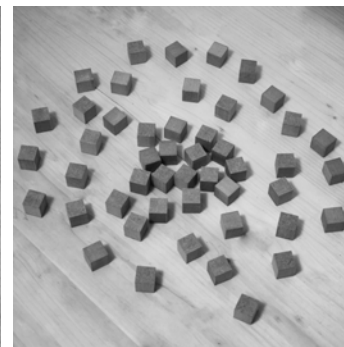
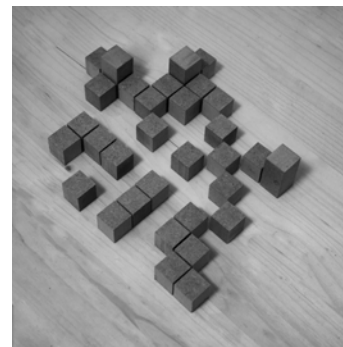
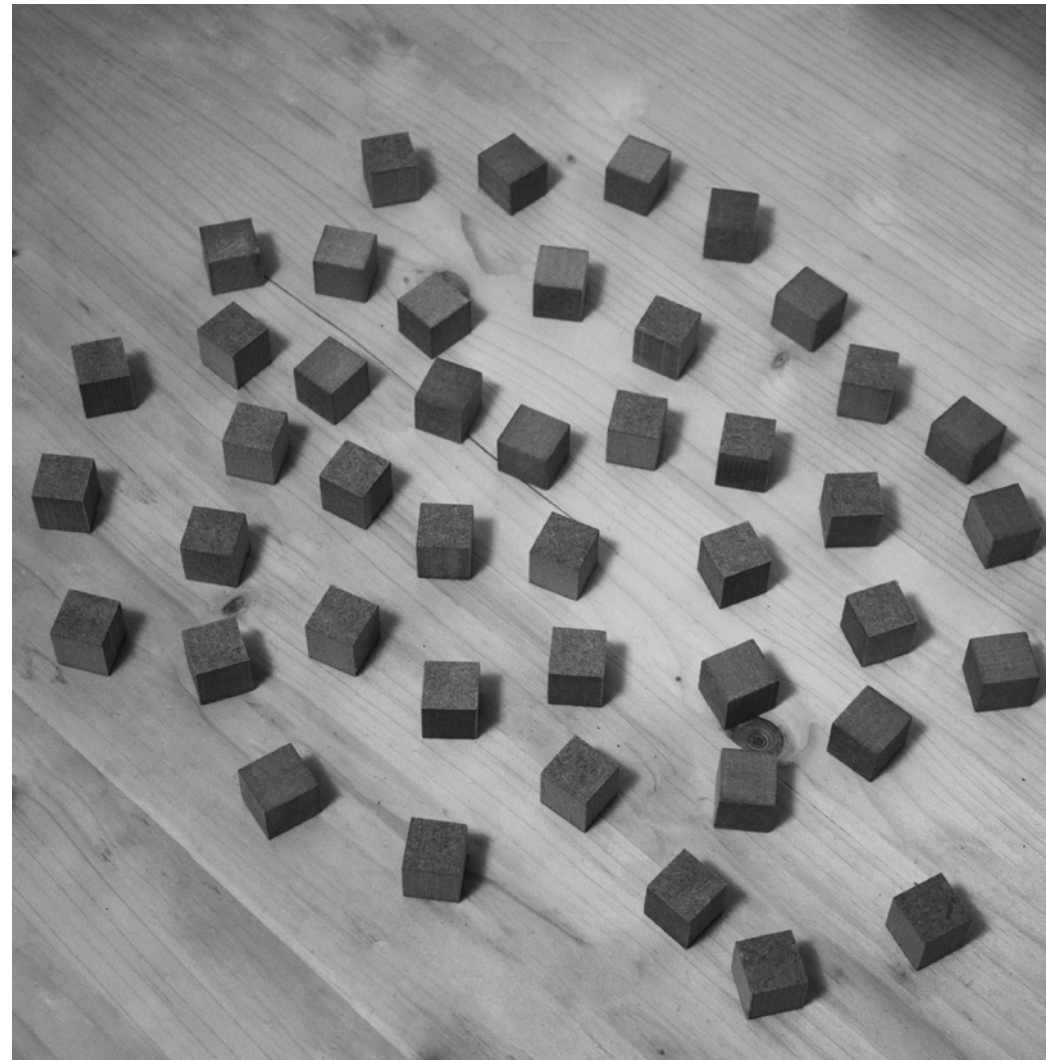
Field Conditions

Identifying Relationships



Field Conditions

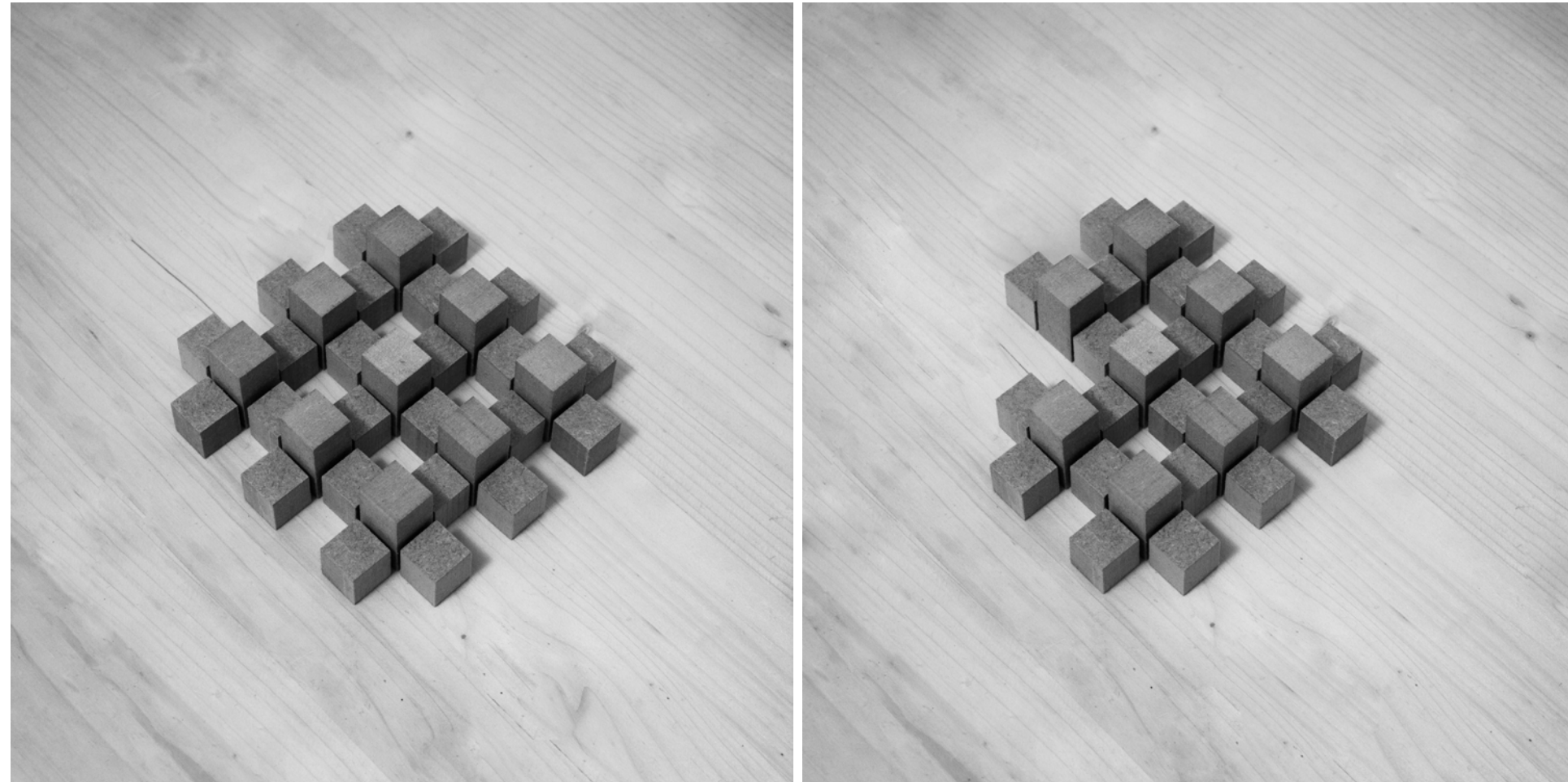
Modifying Relationships



Configurative study models

Field Conditions

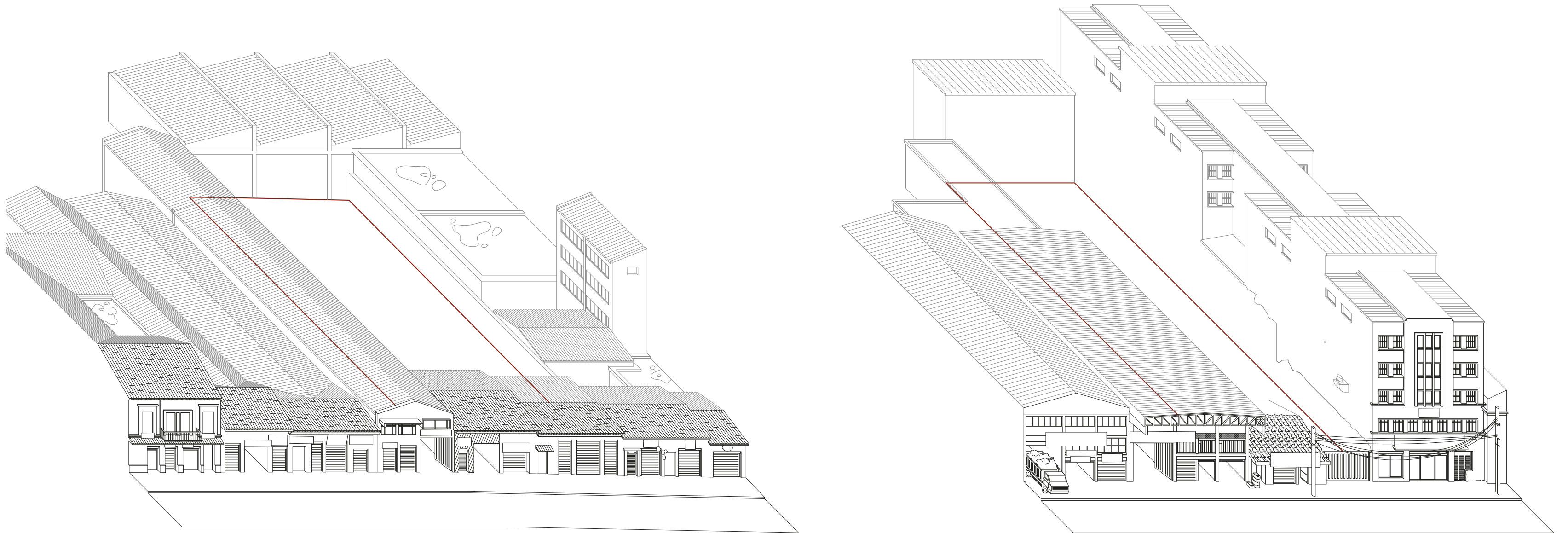
Overall Form and Local Relationships



Relationships are preserved even when parts are removed

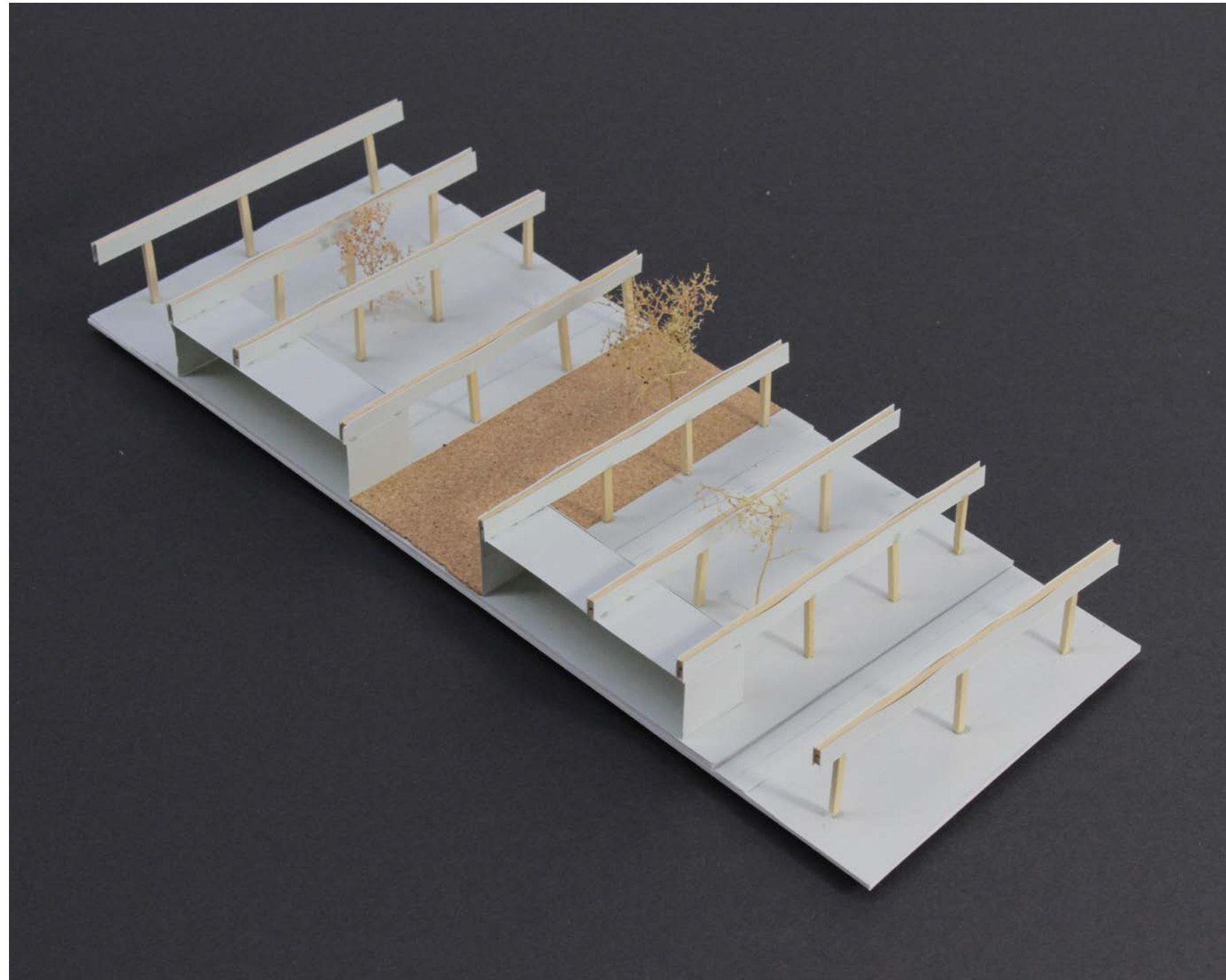
Speculative Sites

Empty plots within the Urban block



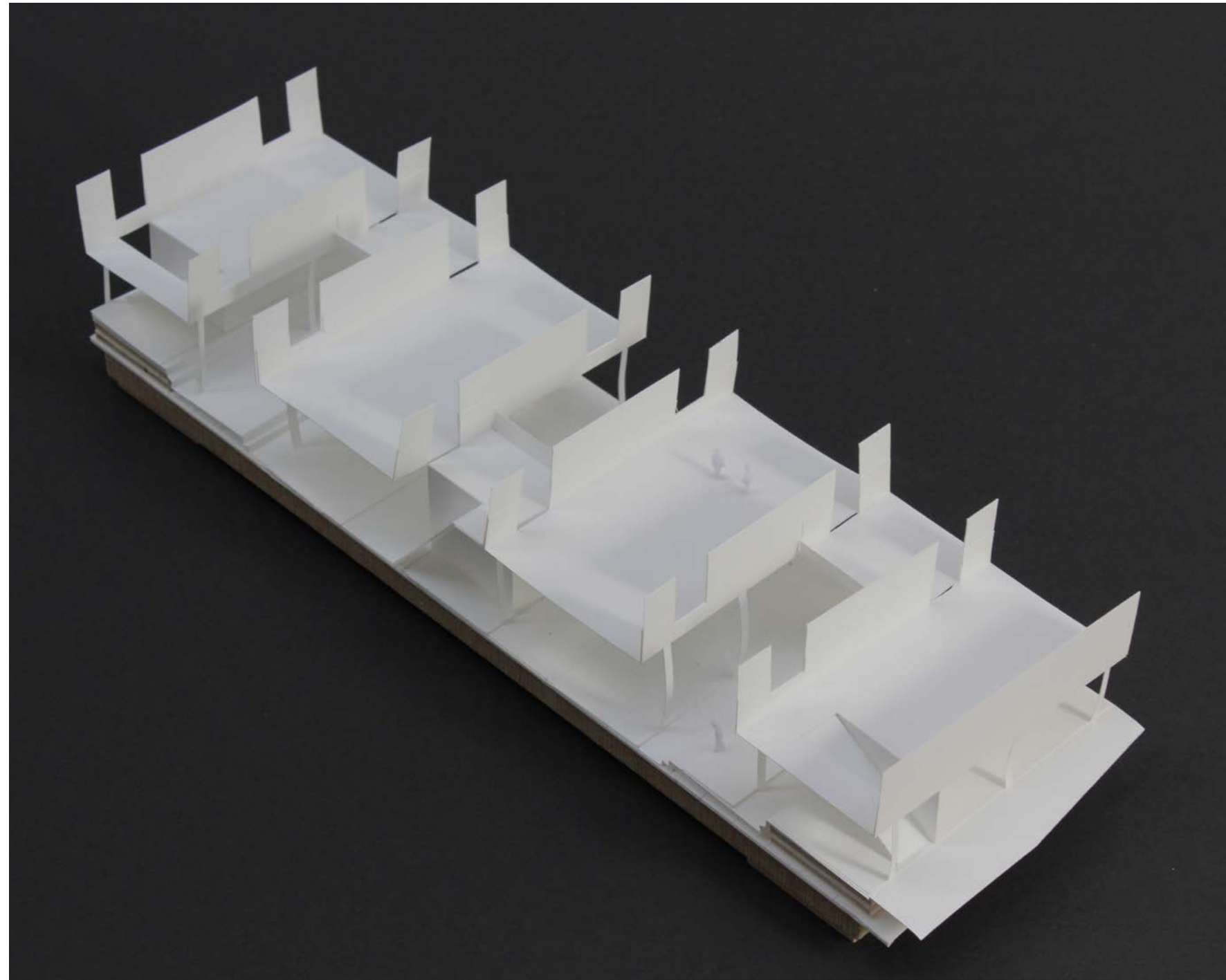
Layering | Tectonic Investigation

Study Models



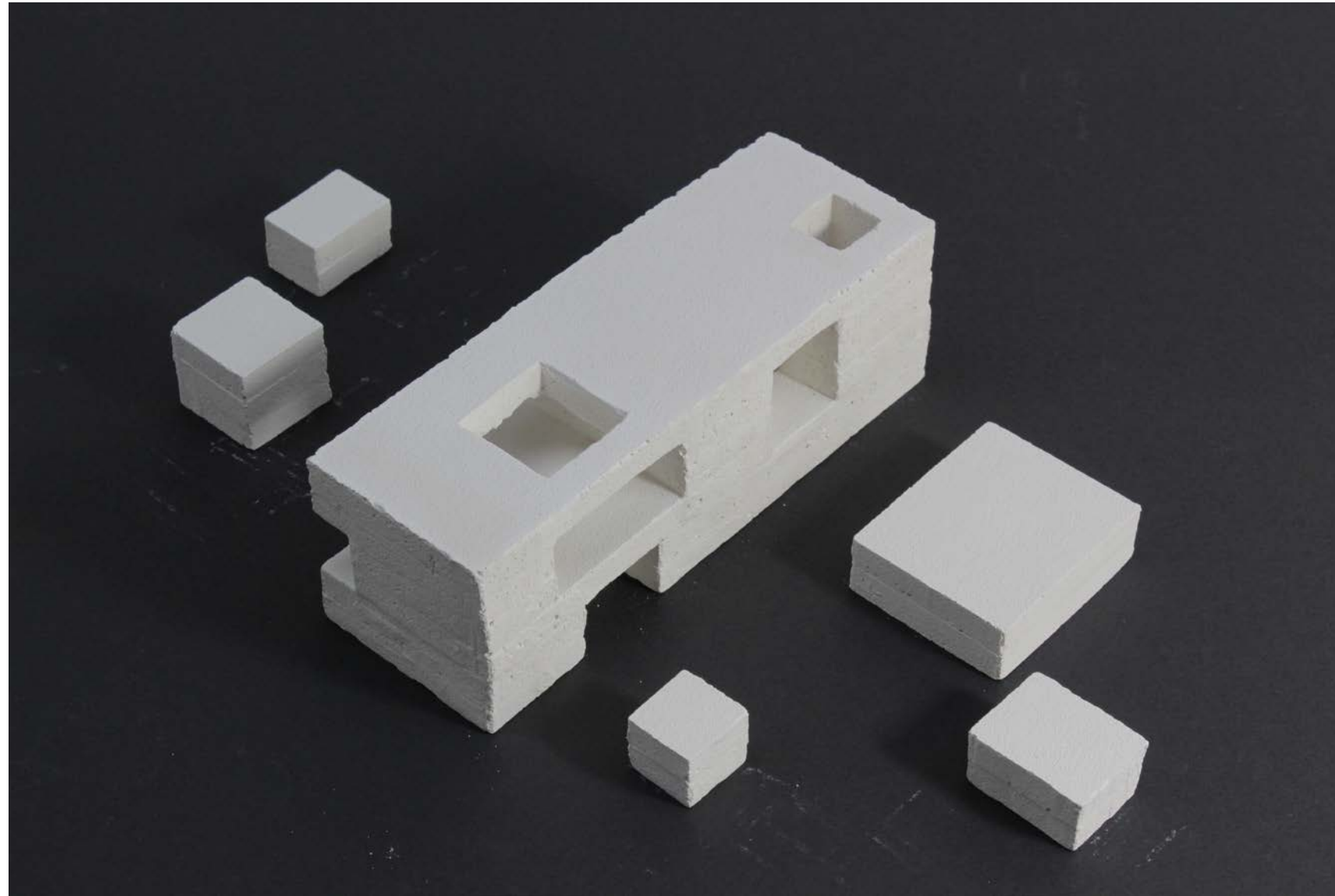
Layering | Tectonic Investigation

Study Models

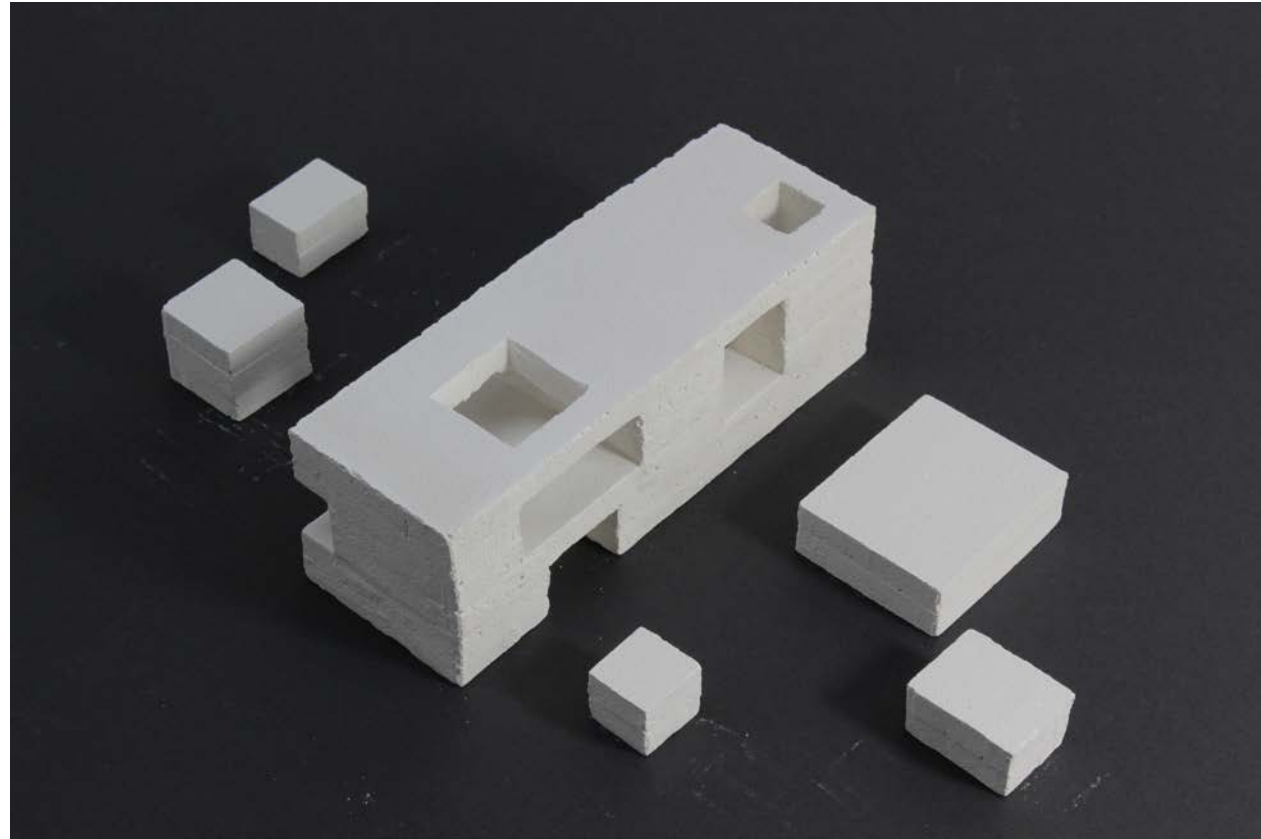
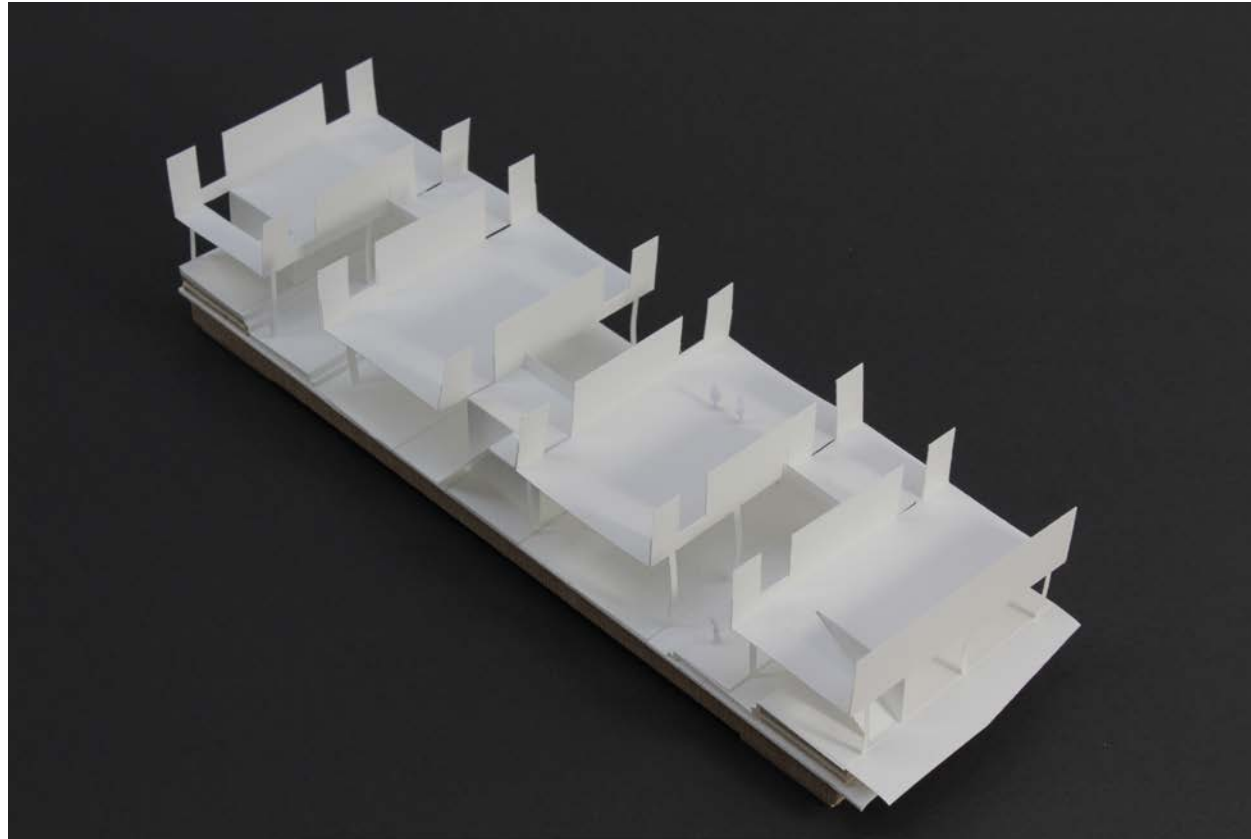


Displacing | Stereotomic Investigation

Study Models



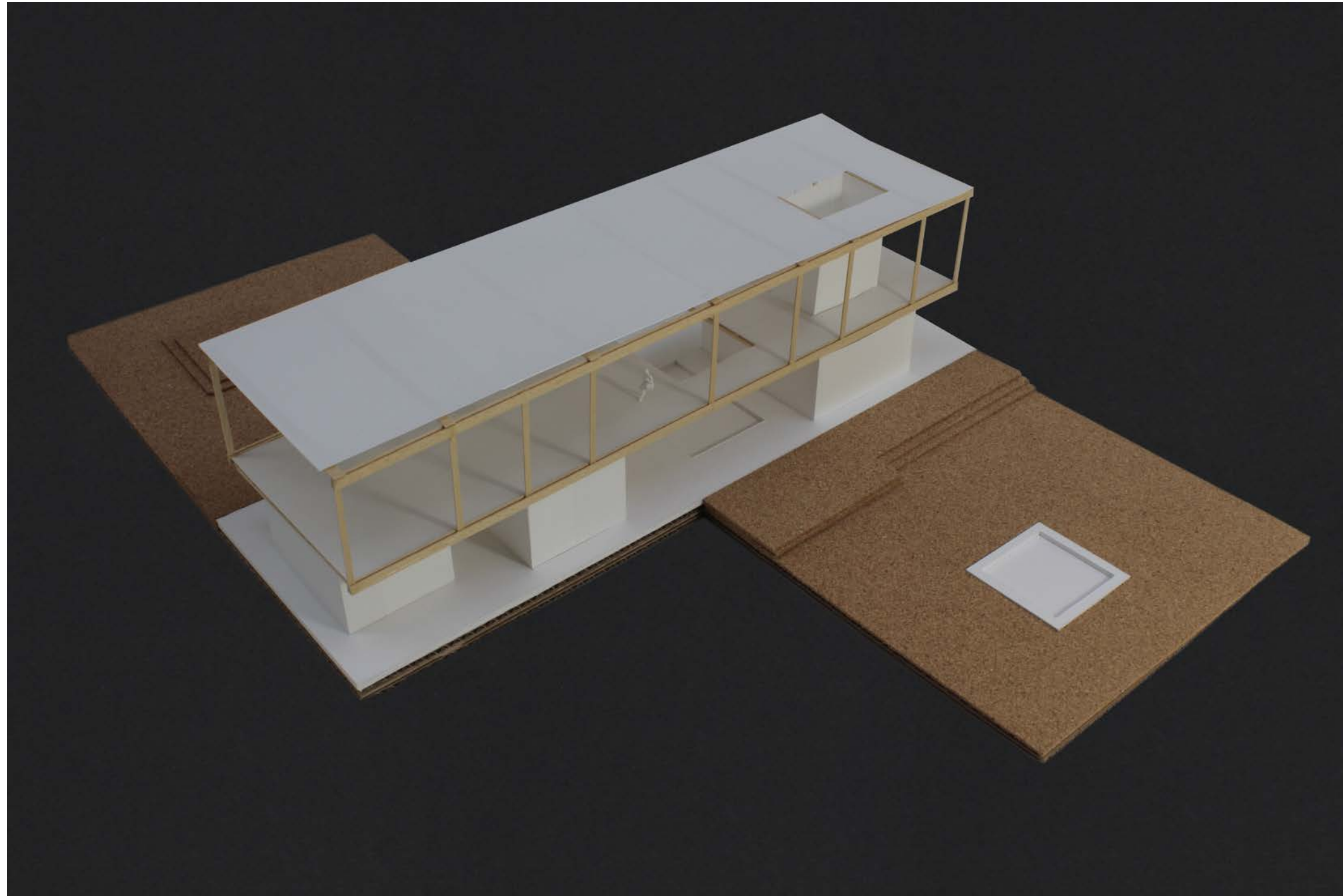
Additive and Subtractive cast, gypsum plaster



Tectonic and stereotomic models

Combining | Tectonic and Stereotomic

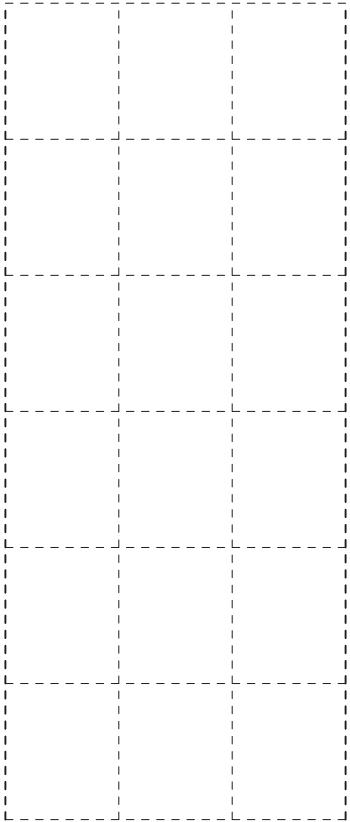
Open and closed circulation



Combined model

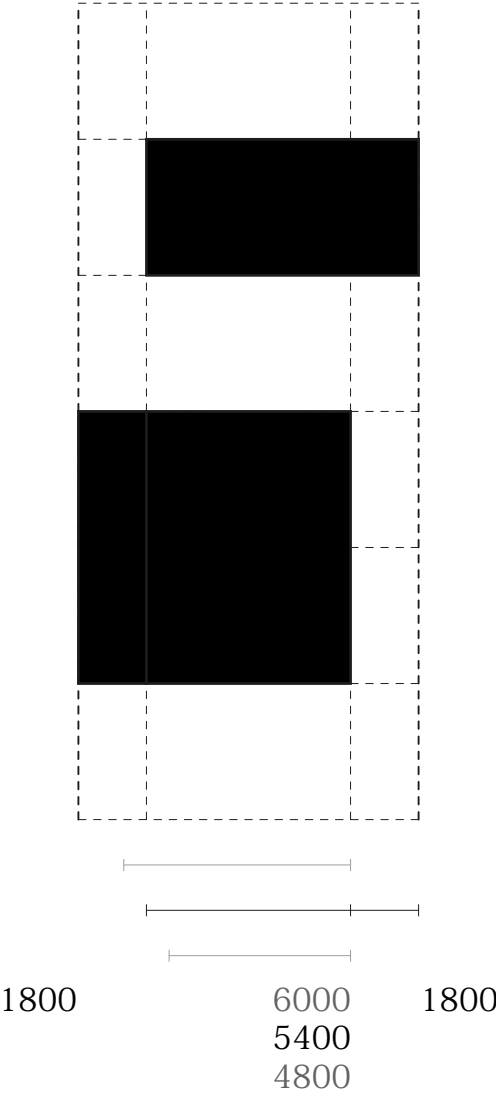
Loosening | Modular Investigation

Defining a soft modularity



Loosening | Modular Investigation

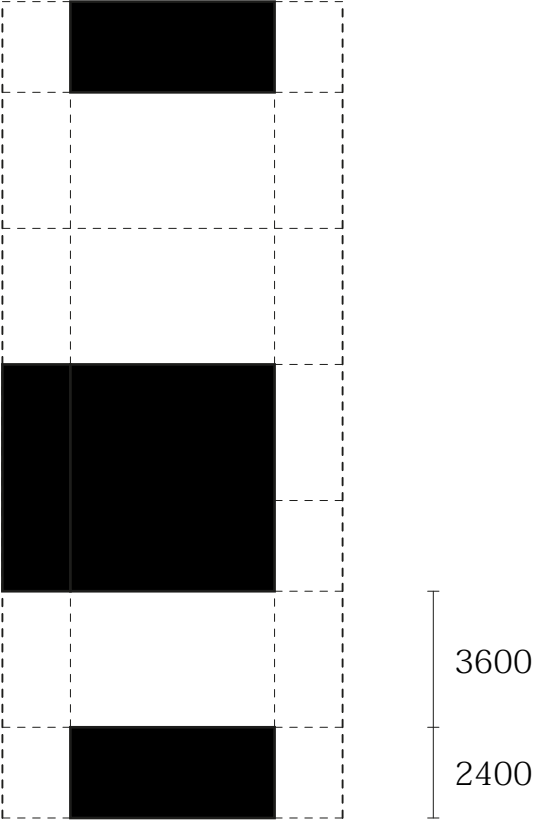
Defining a soft modularity



Variations in width

Loosening | Modular Investigation

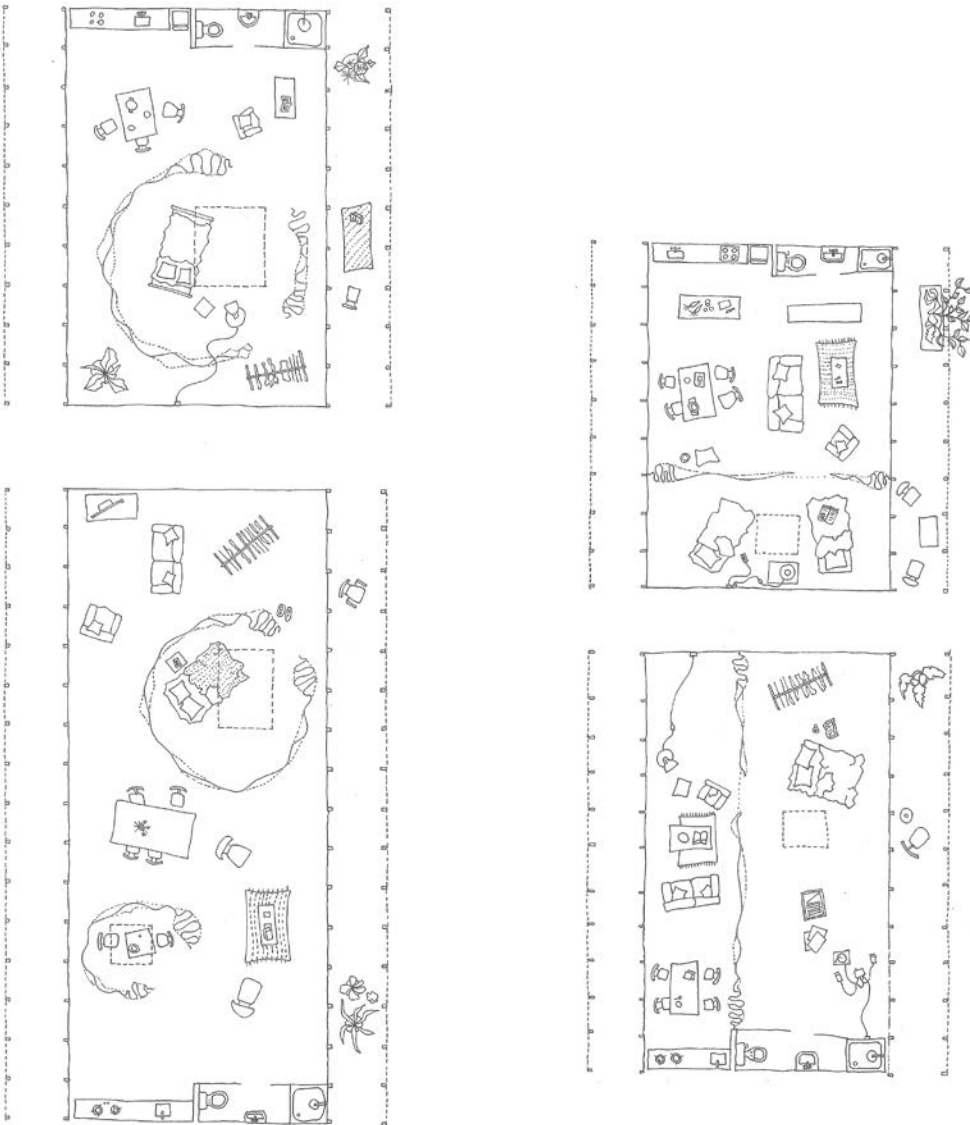
Defining a soft modularity



Variations in
structural bay

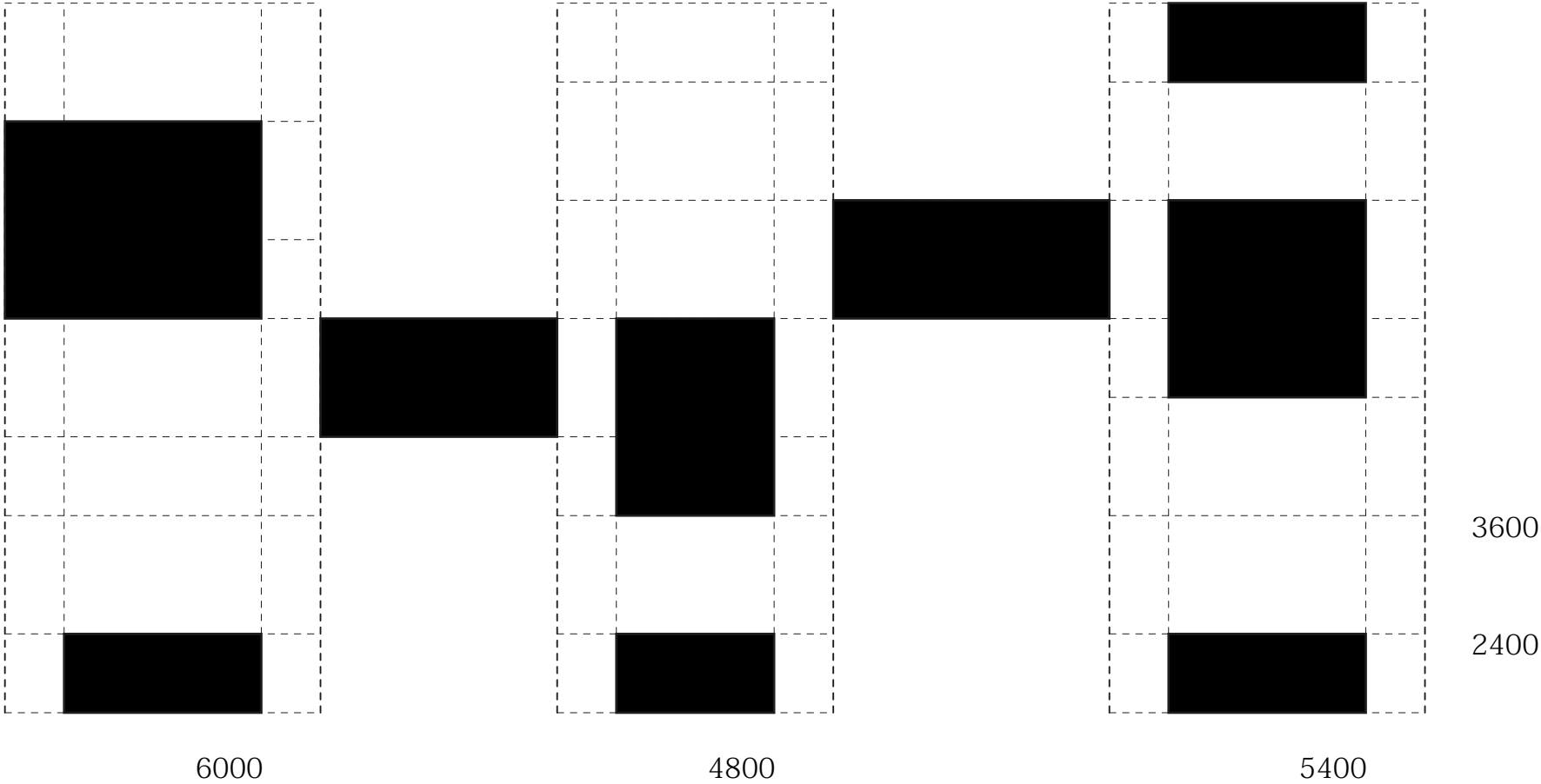
Loosening | Modular Investigation

Defining a soft modularity



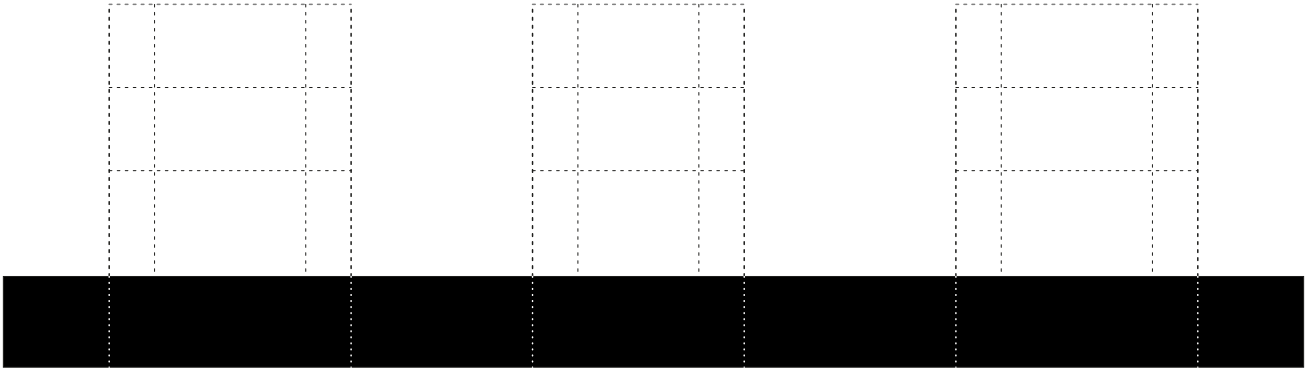
Loosening | Modular Investigation

A loosely woven constellation of spaces



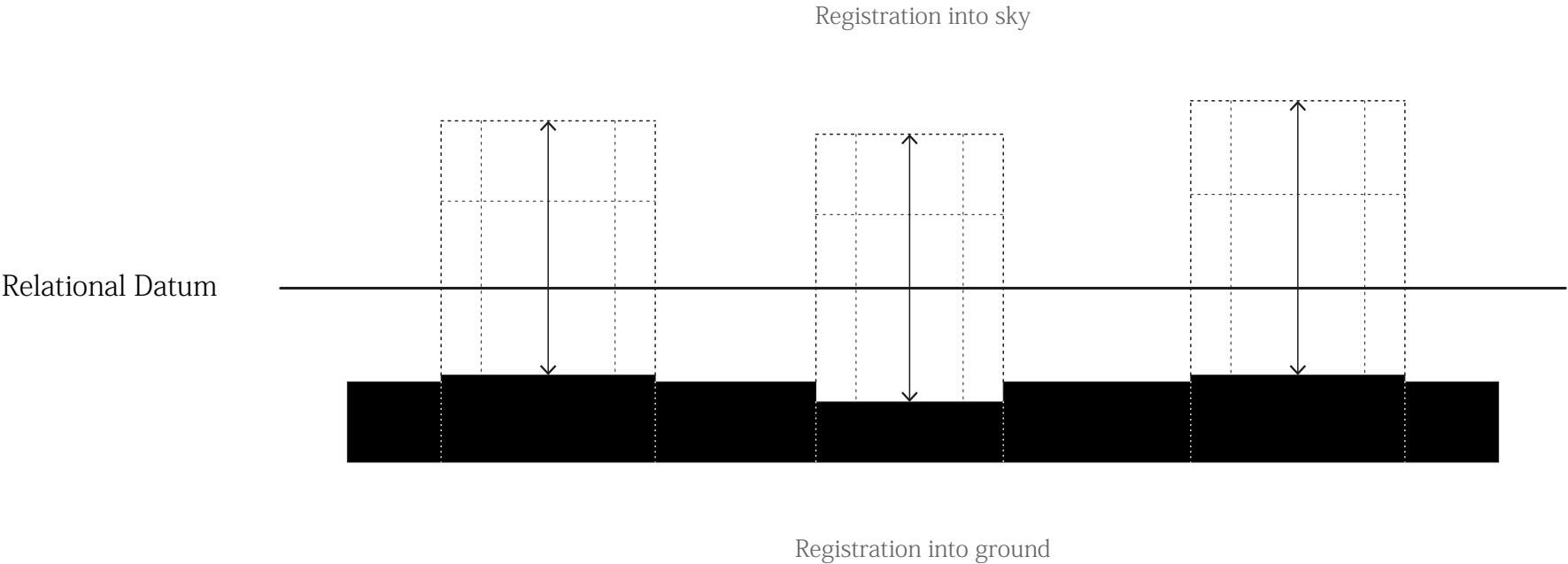
Loosening | Modular Investigation

Responsiveness in the section



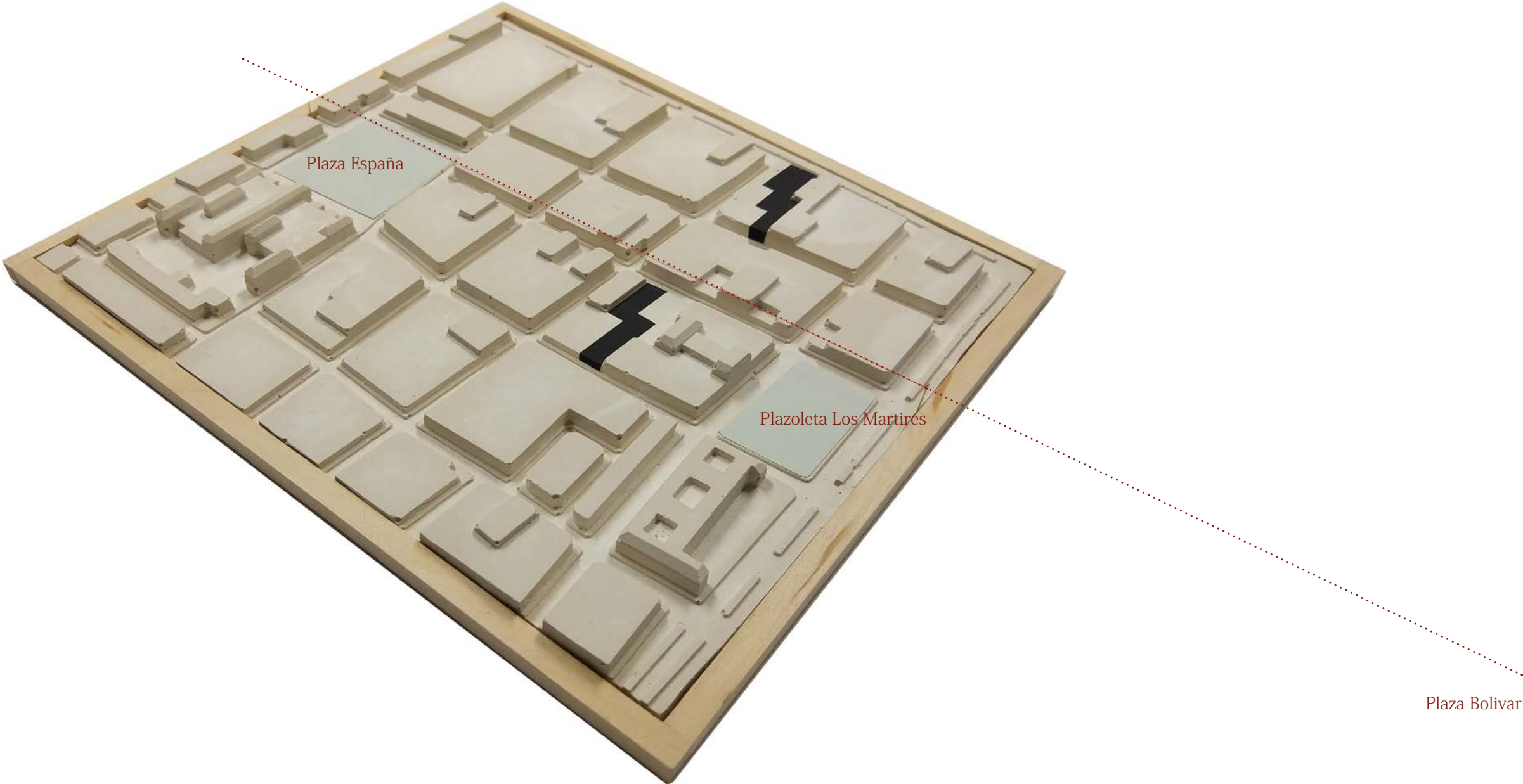
Loosening | Modular Investigation

Responsiveness in the section



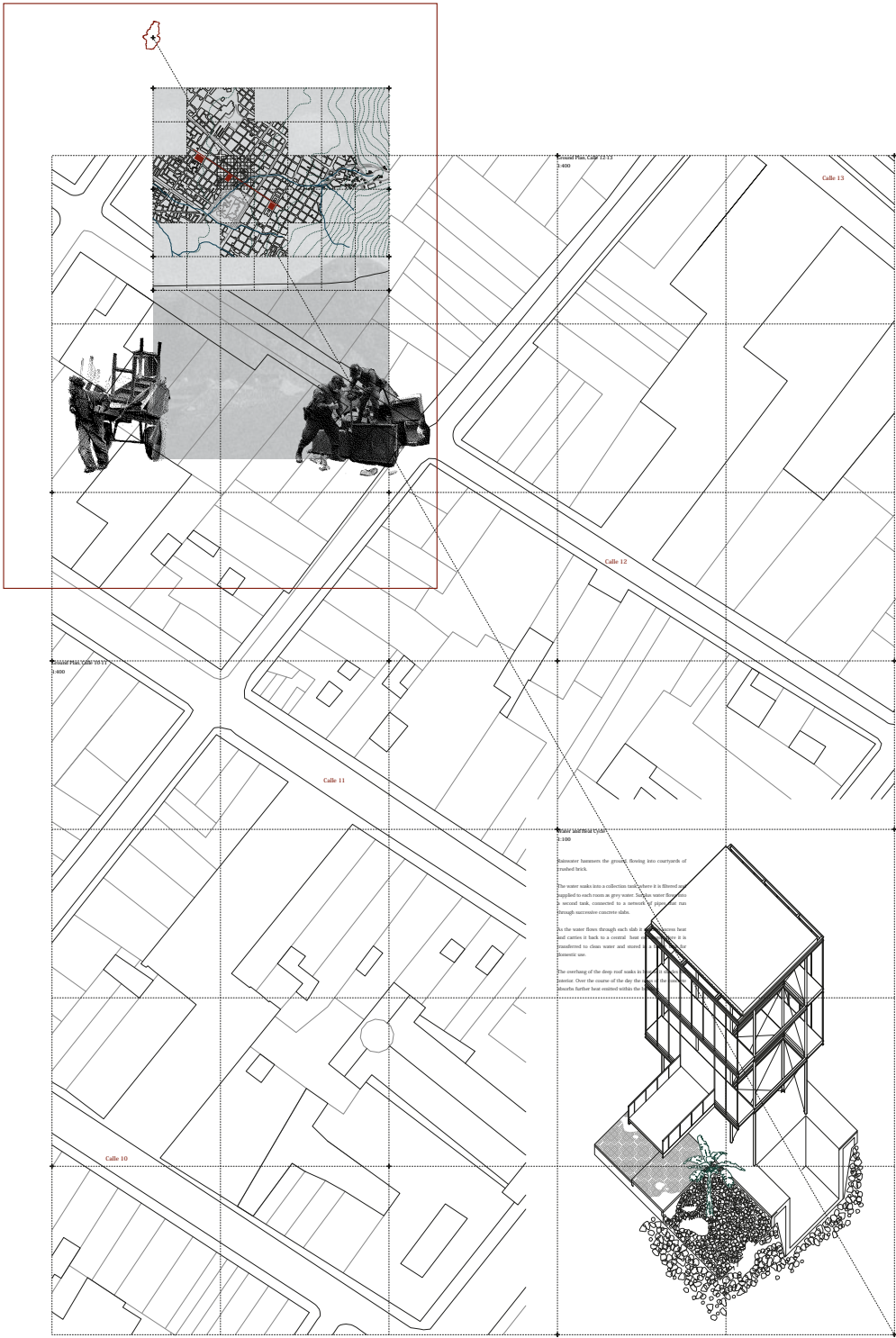
Configuration

Sites of Intervention



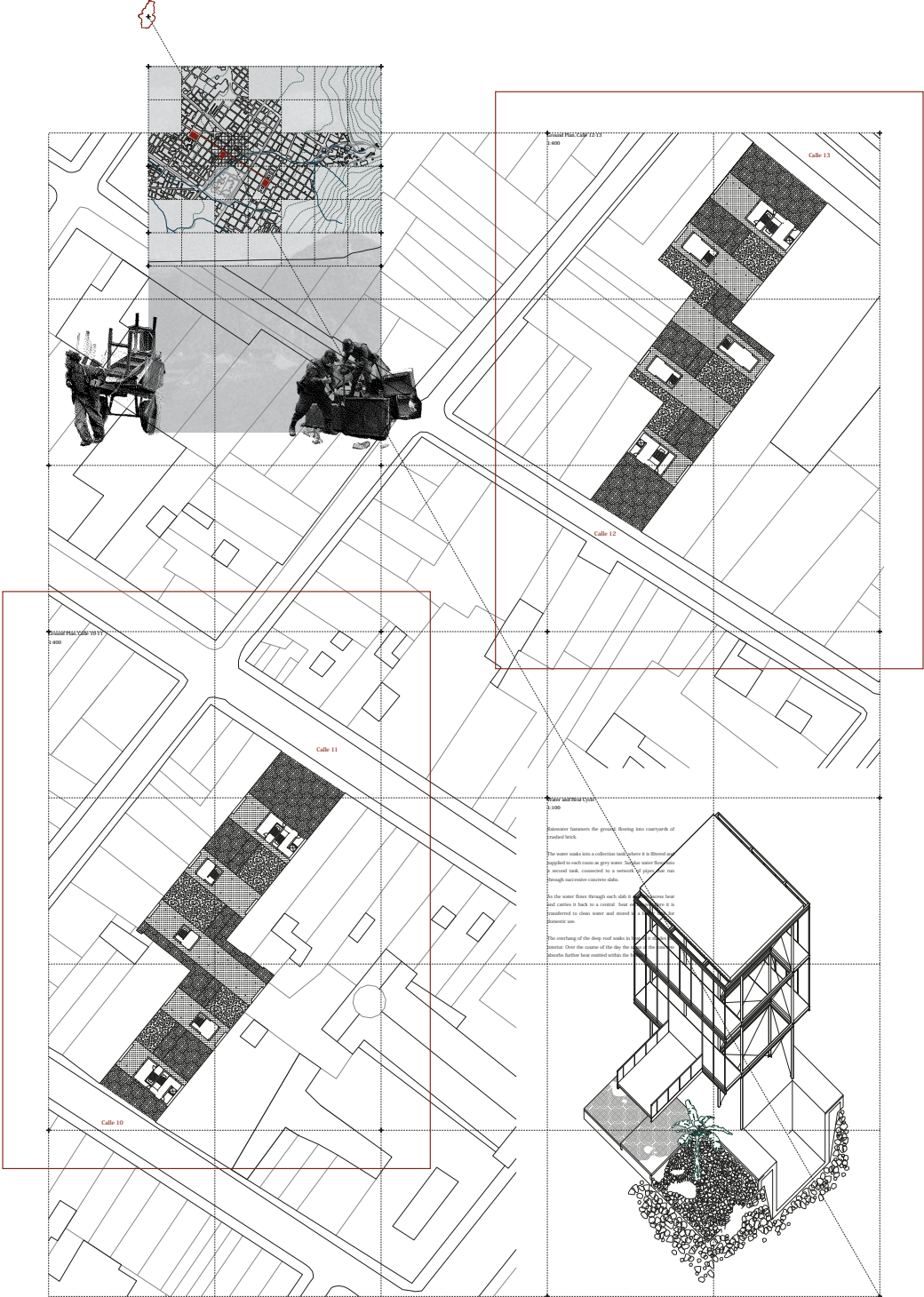
Interventions

Framing within the terrain (1:20 000)



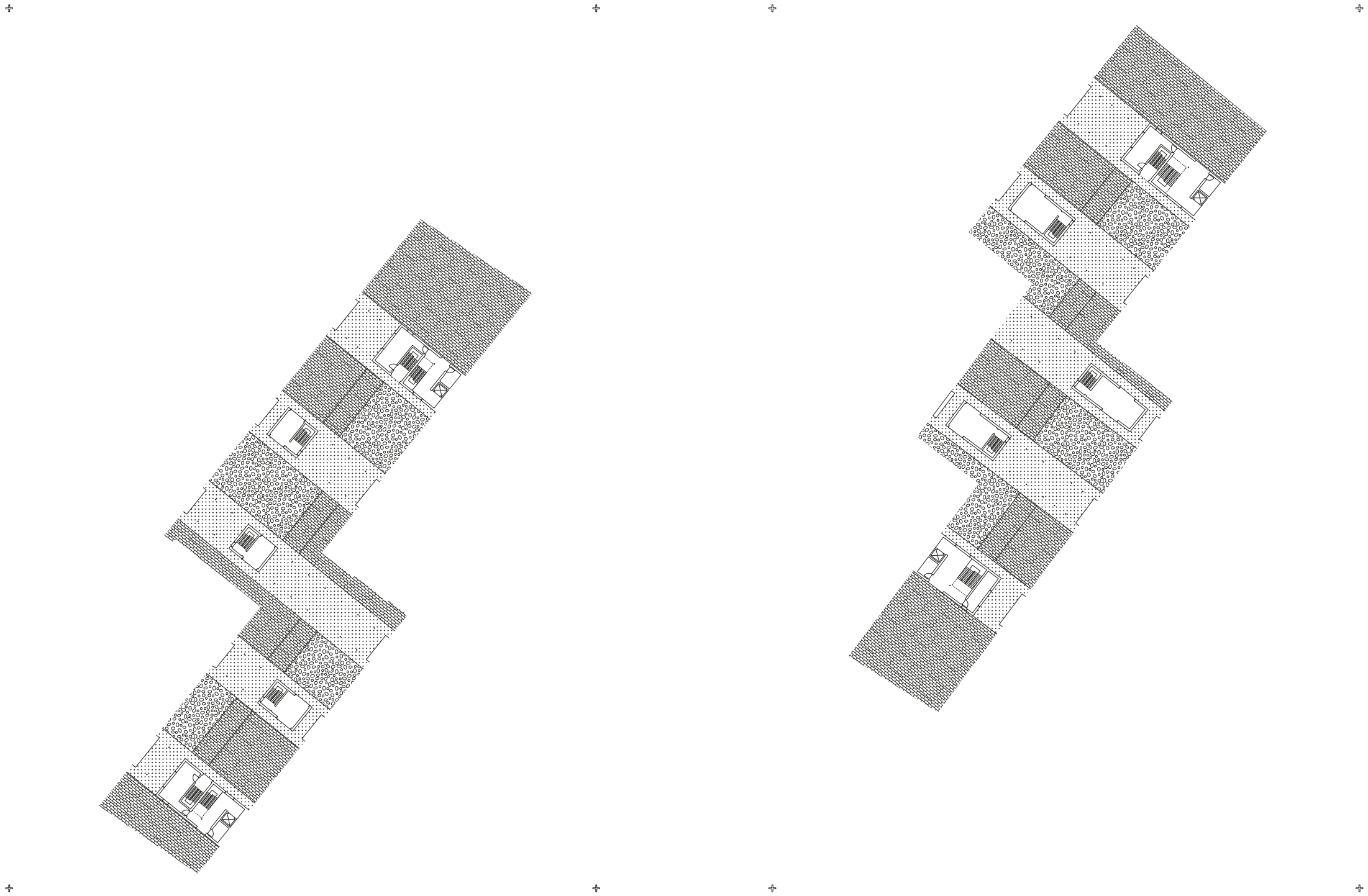
Interventions

Configuration at the neighbourhood scale (1:400



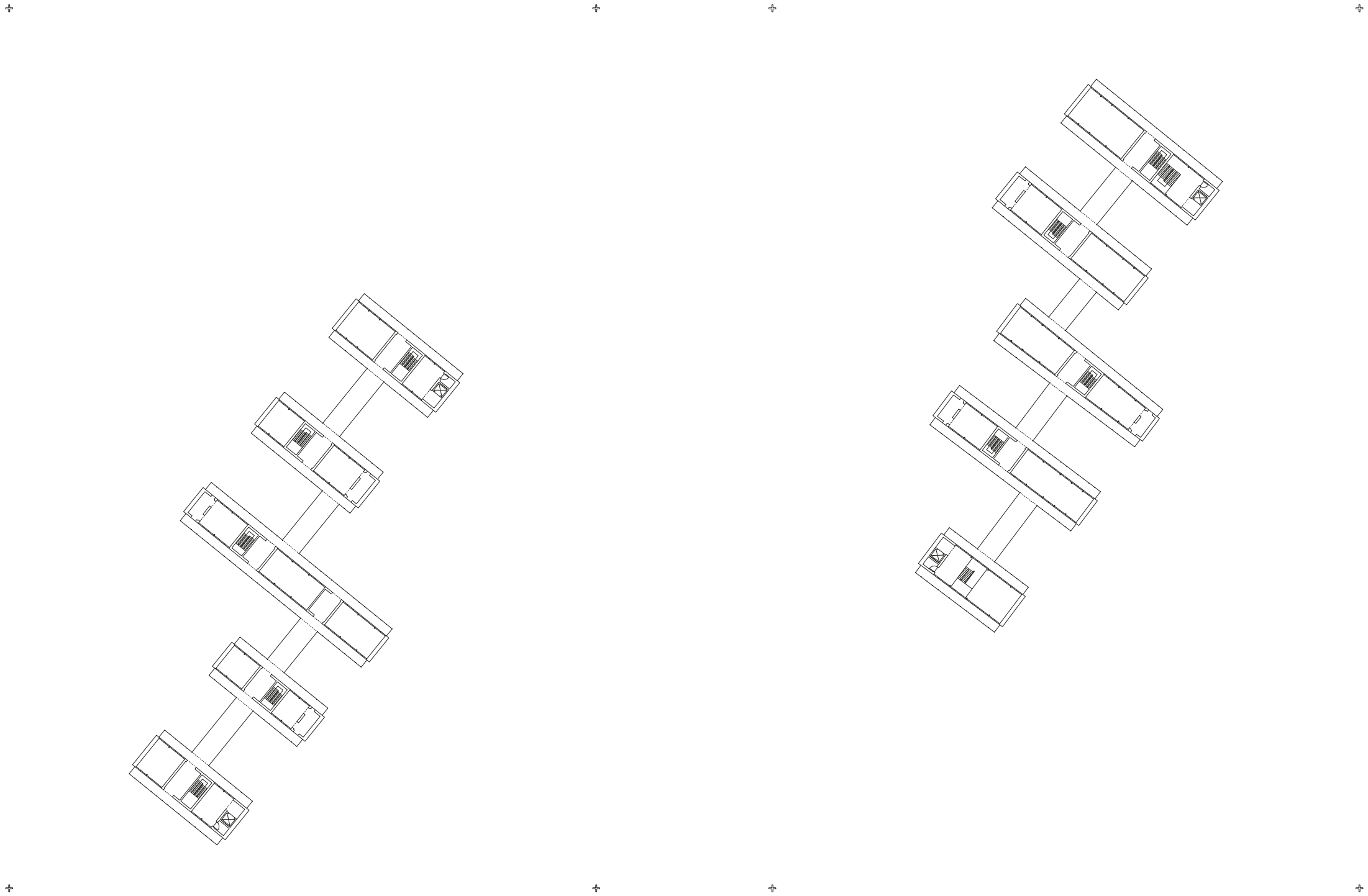
Interventions

Configuration at the neighbourhood scale (1:400)



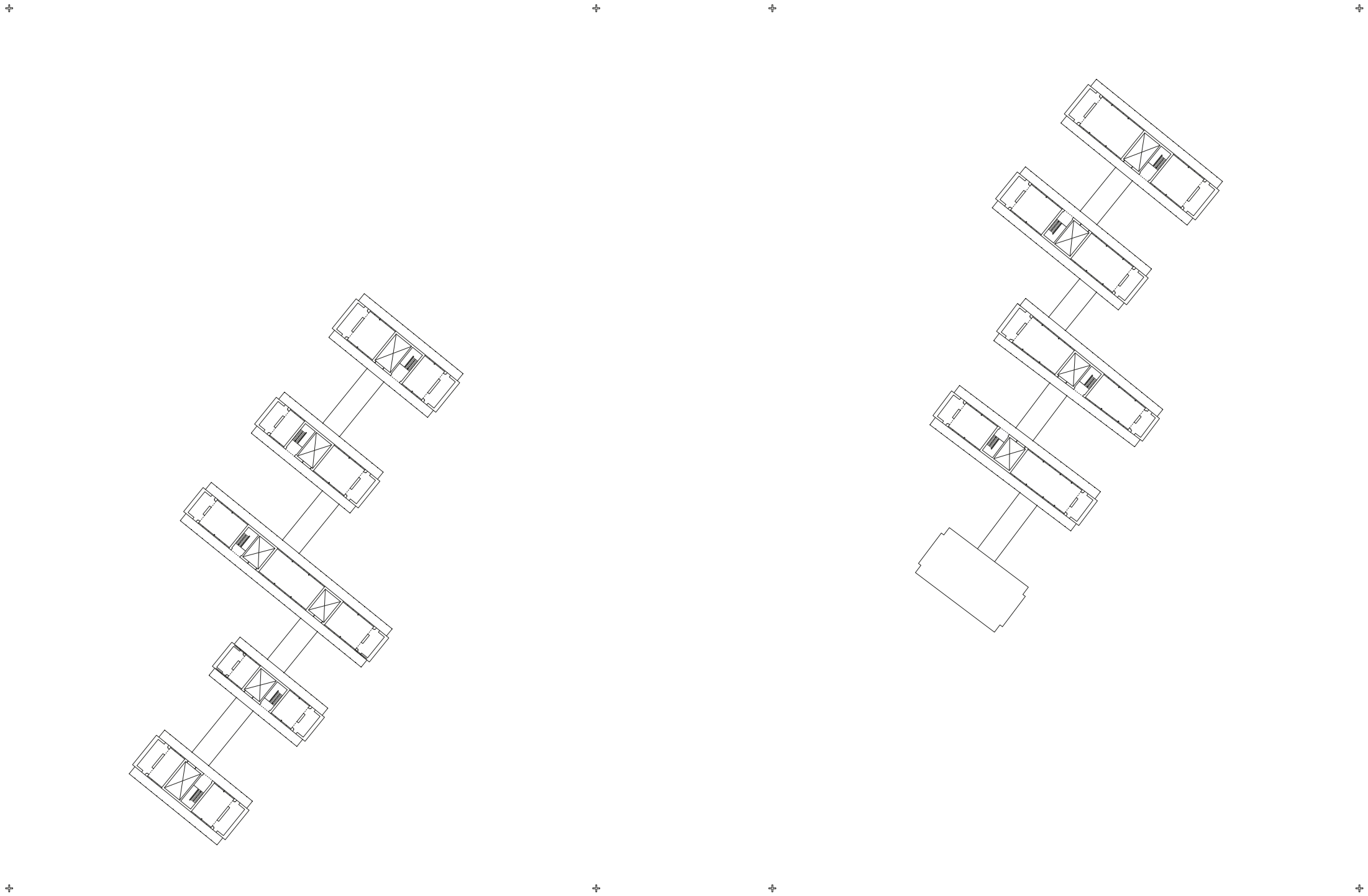
Interventions

Configuration at the neighbourhood scale (1:400)



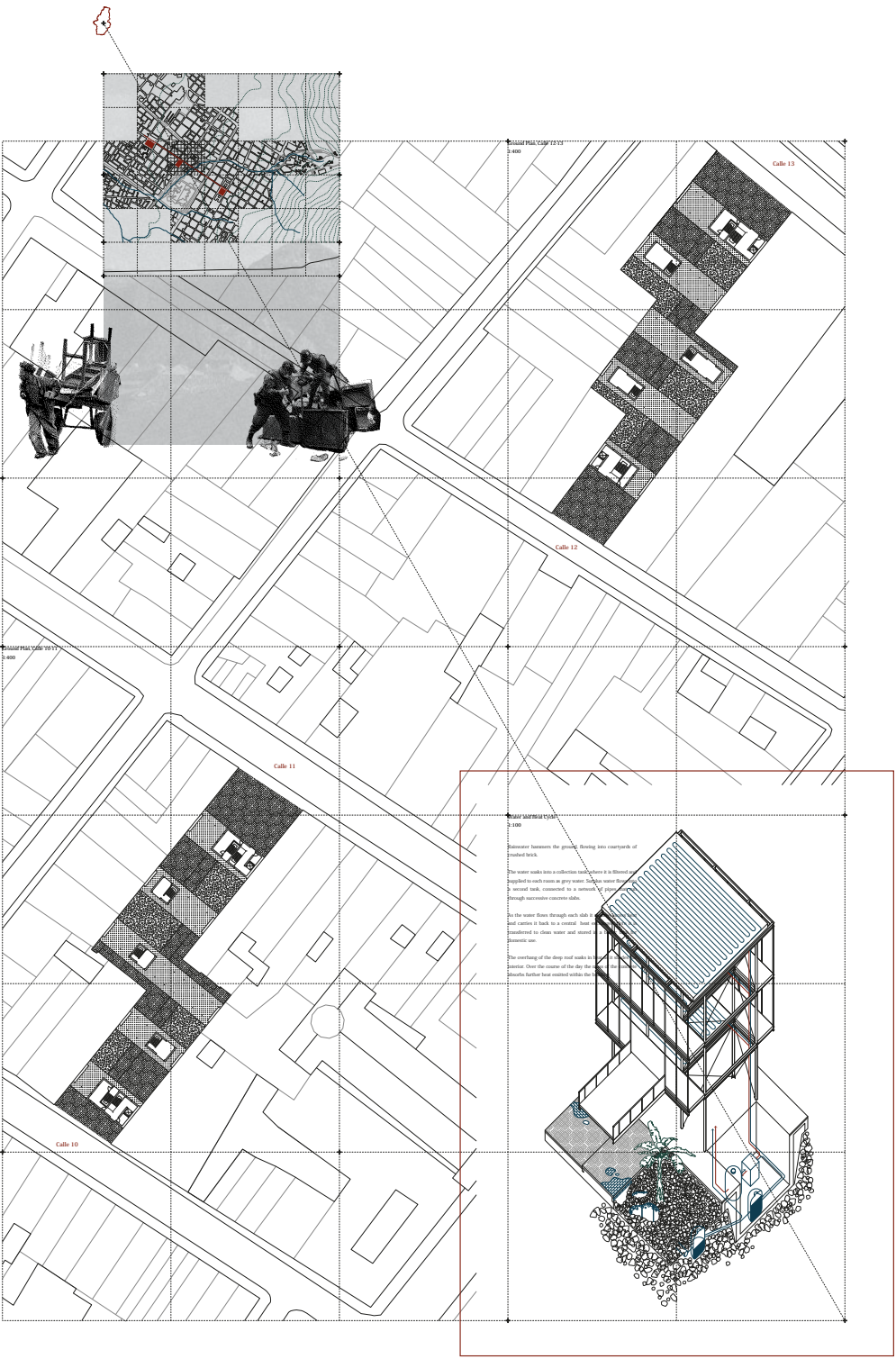
Interventions

Configuration at the neighbourhood scale (1:400)



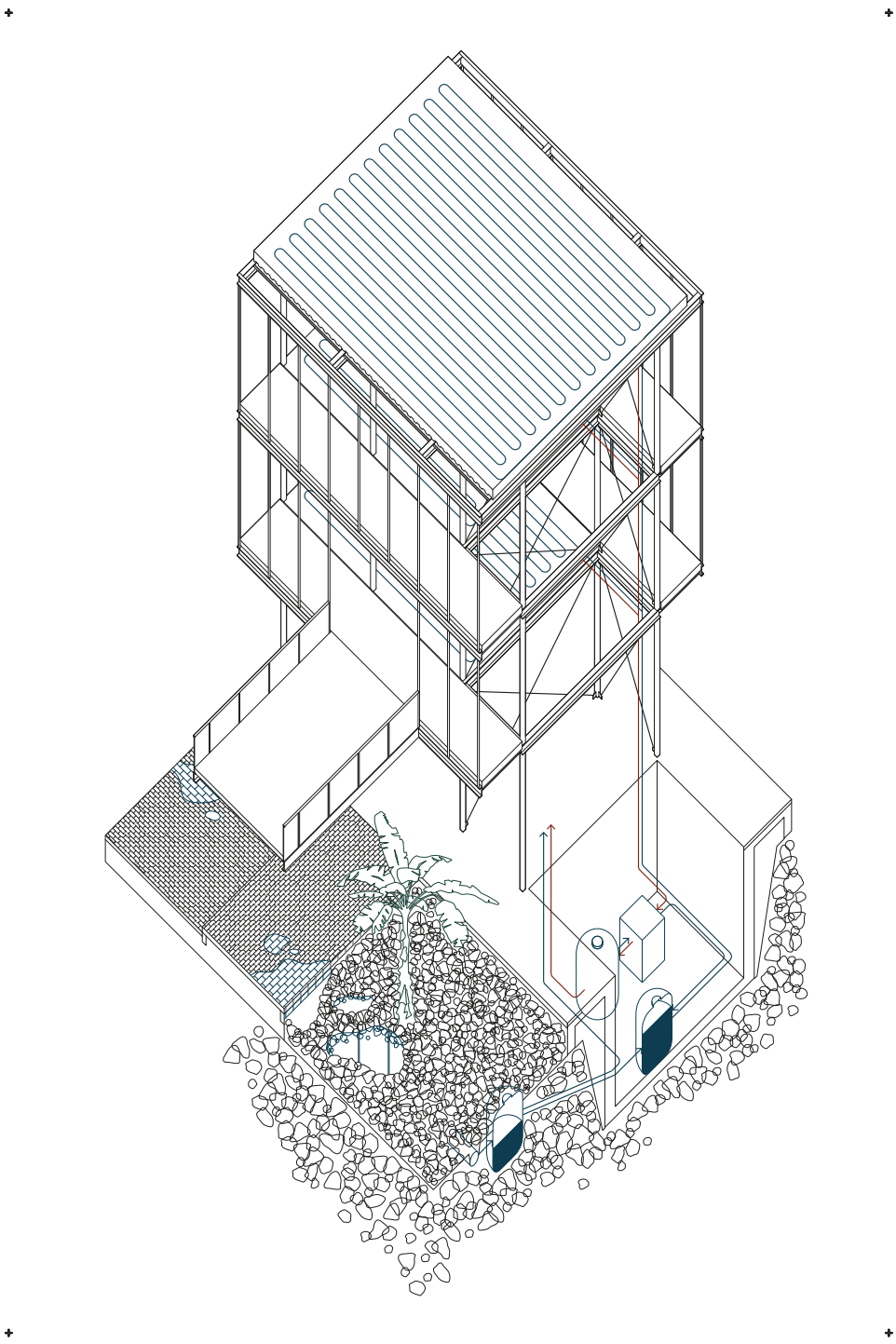
Interventions

Relationship of the part to ground and climate (1:100)



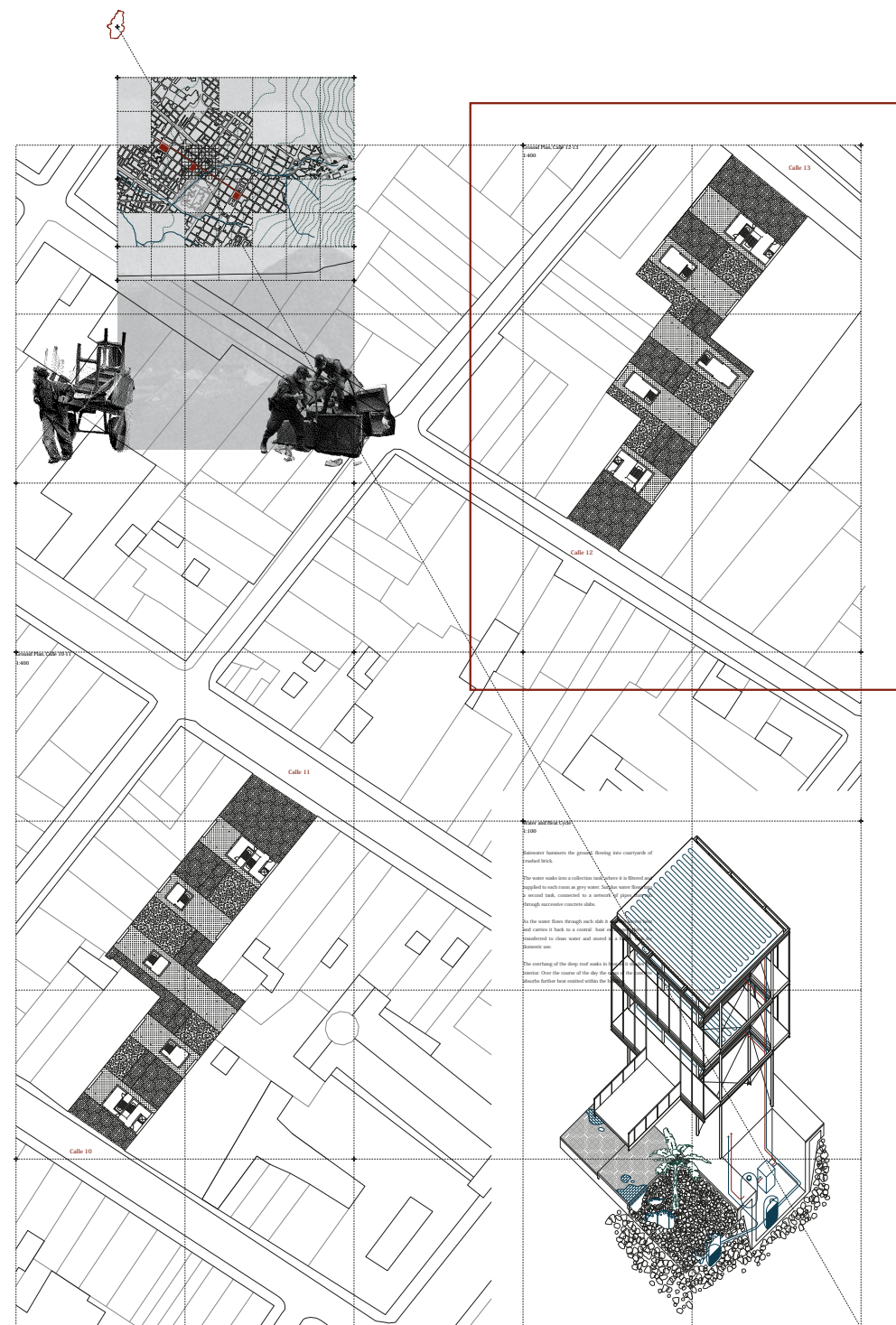
Interventions

Relationship of the part to ground and climate (1:100)



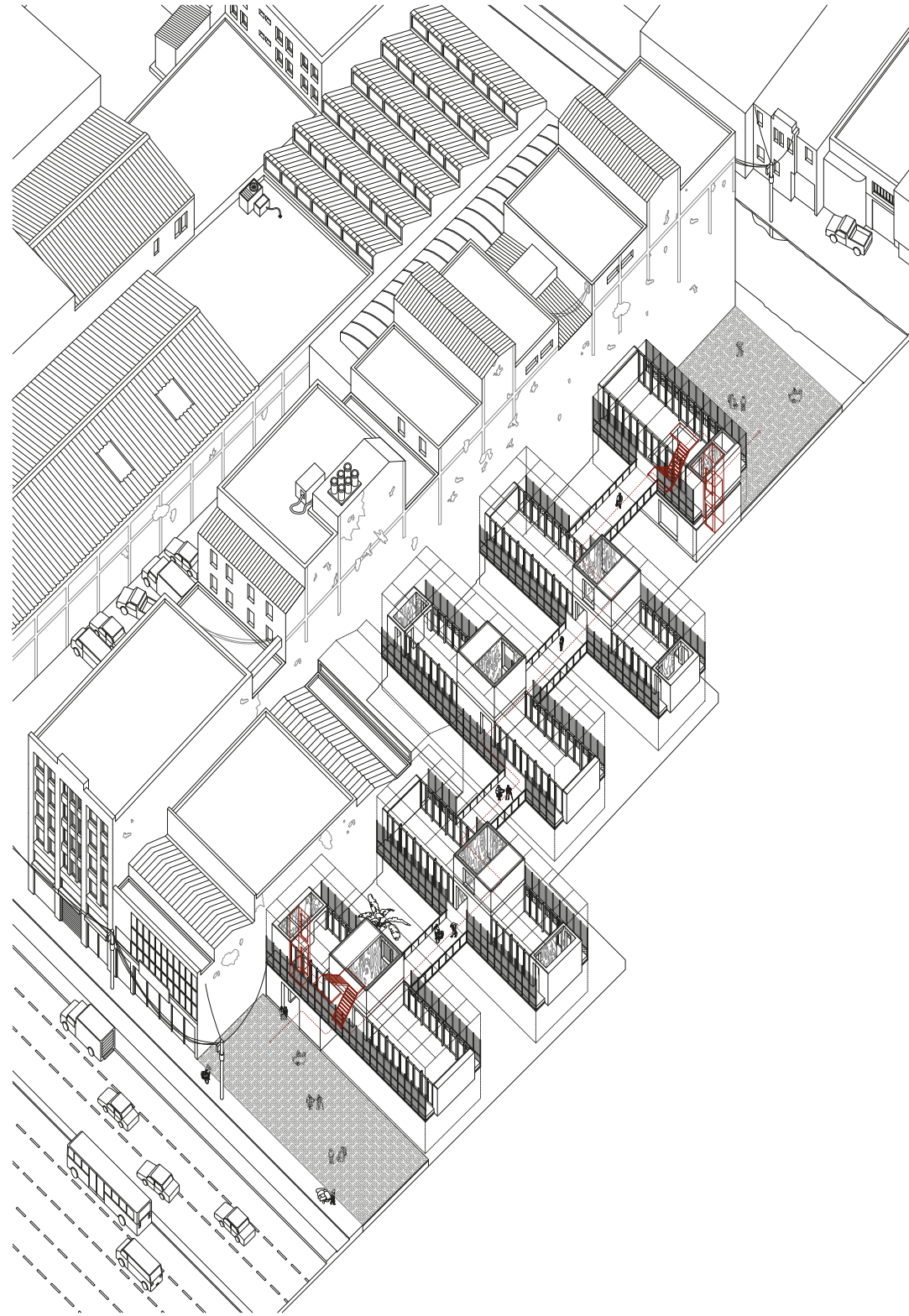
Unweaving into Parts

Connector and Retreat



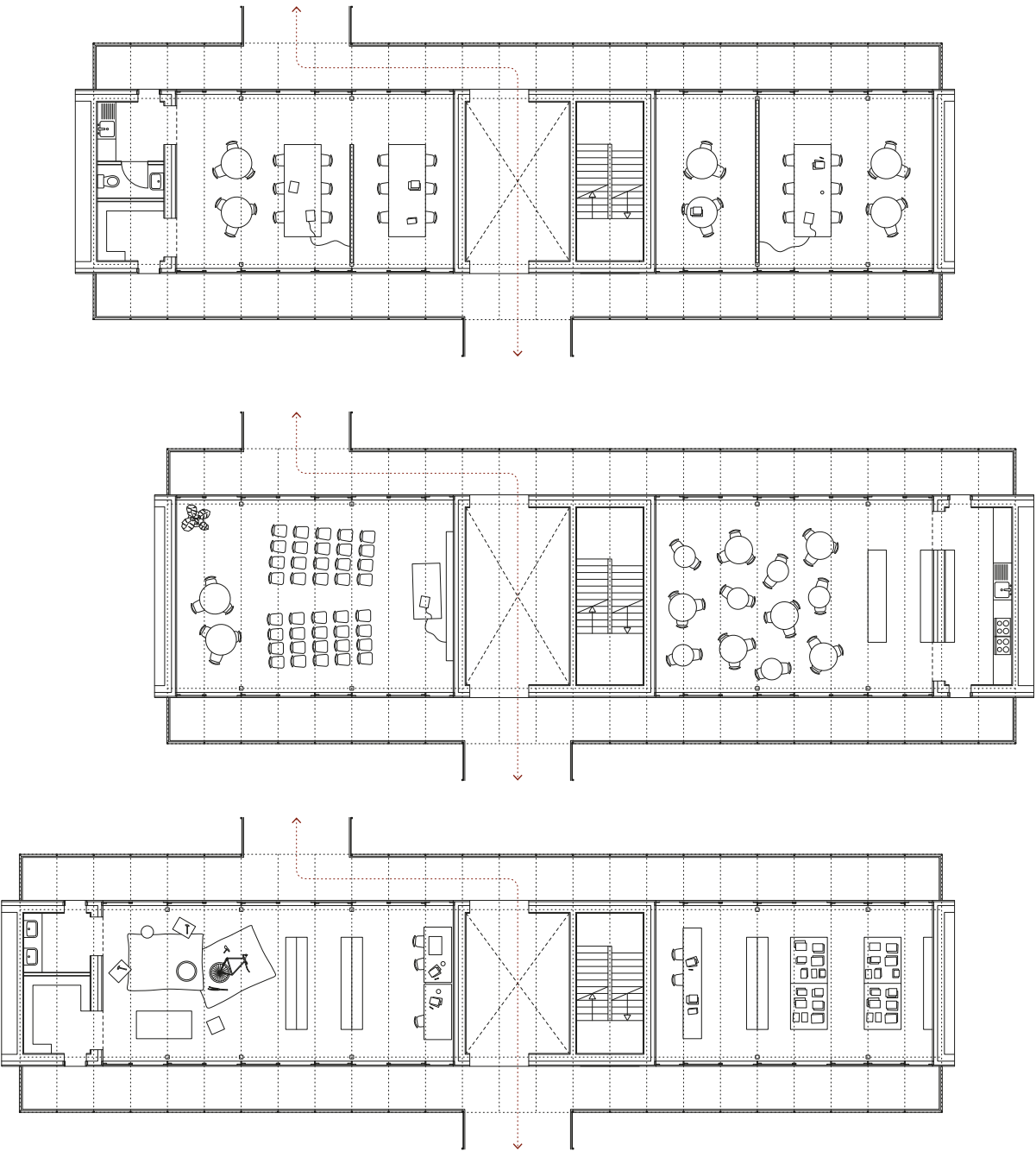
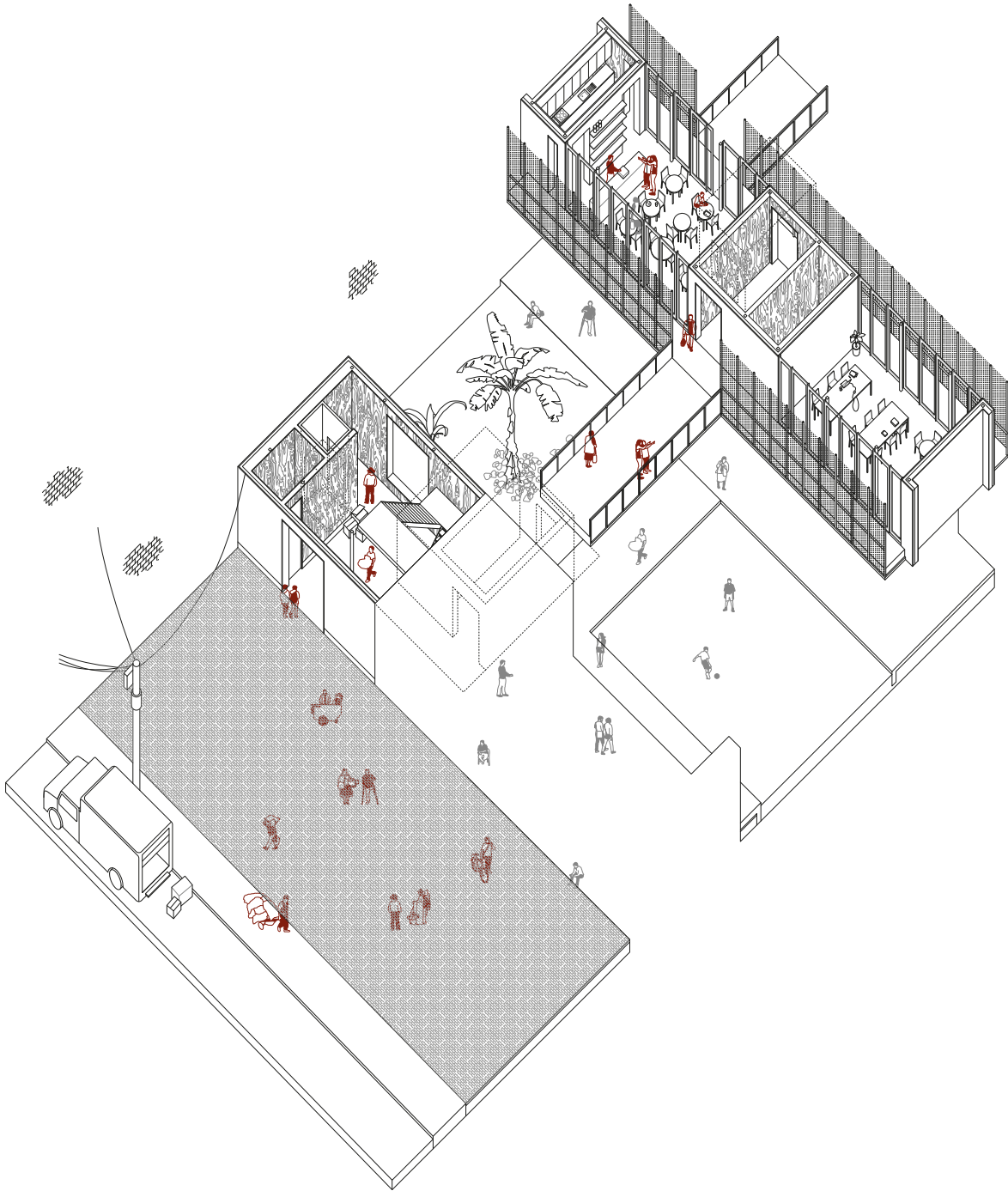
Unweaving into Parts

The Bridge - Route



Unweaving into Parts

The Bridge - Appropriation



Sequence

The Bridge



Sequence

The Bridge - Threshold



Sequence

The Bridge - Entrance



Sequence

The Bridge - Corridor



Sequence

The Bridge - Transition



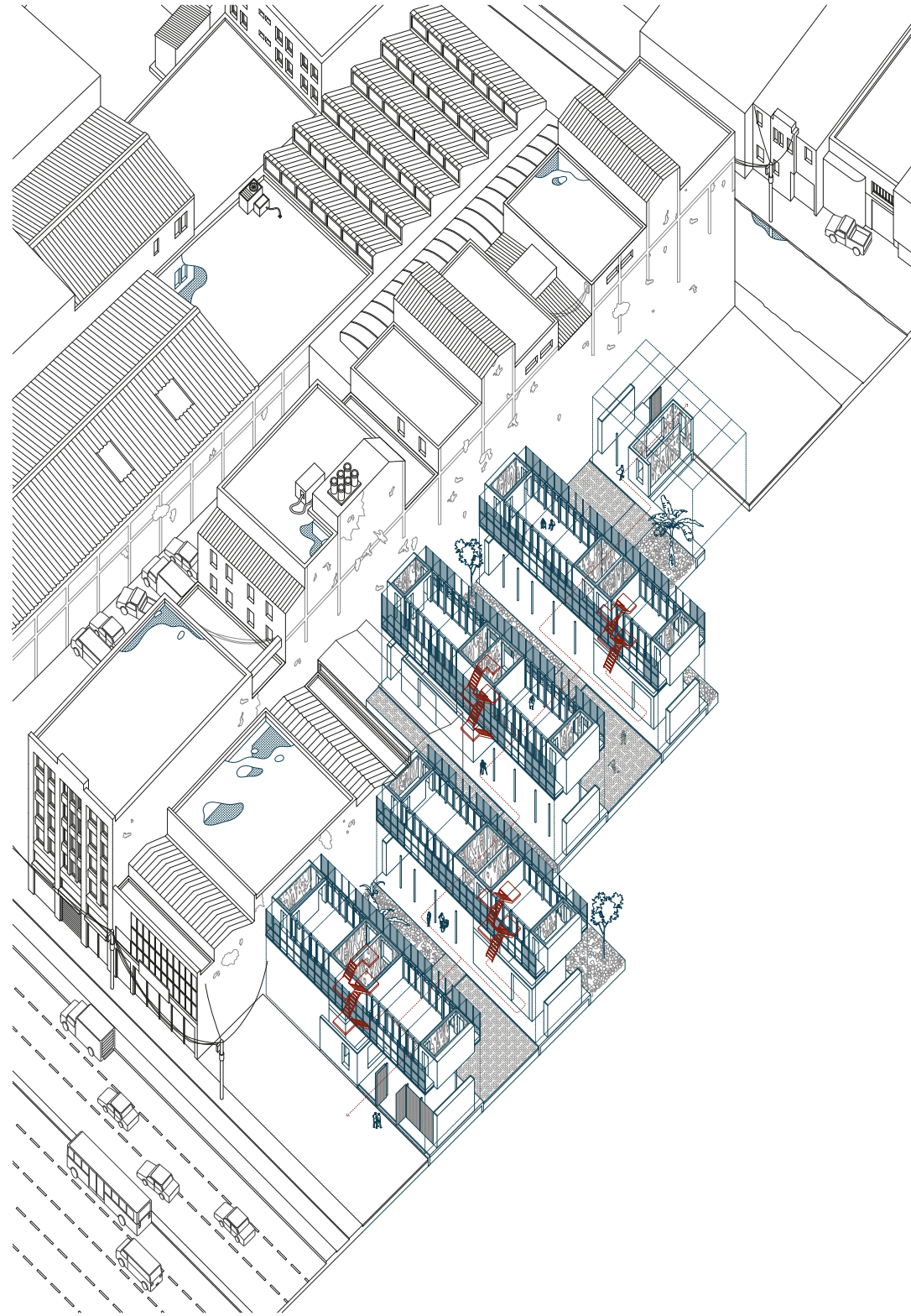
Sequence

The Bridge - Room



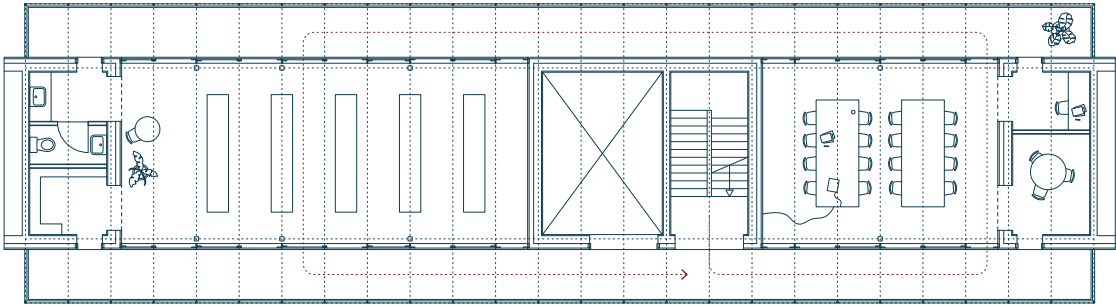
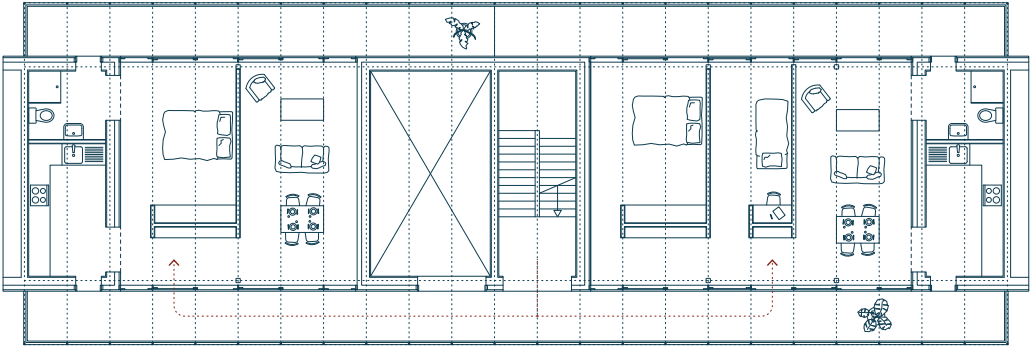
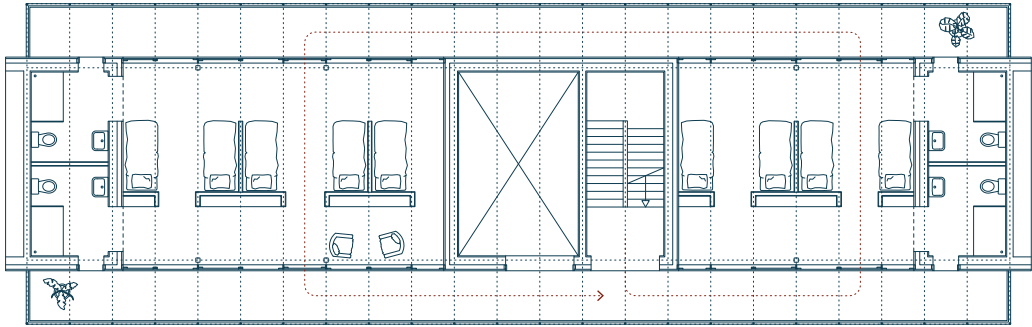
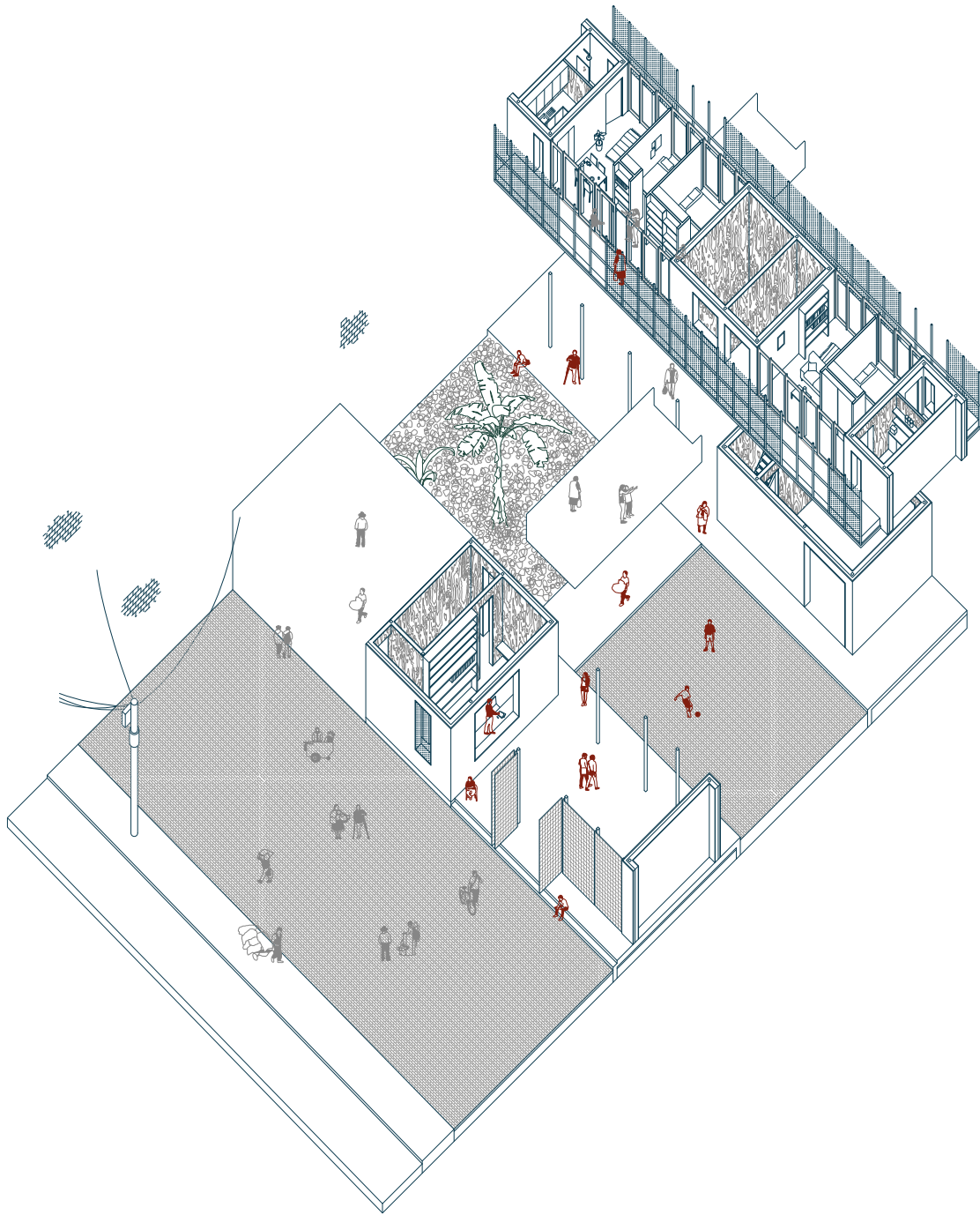
Unweaving into Parts

The Garden - Route



Unweaving into Parts

The Garden - Appropriation



Sequence

The Garden



Sequence

The Garden - Threshold



Sequence

The Garden - Entrance



Sequence

The Garden - Courtyard



Sequence

The Garden - Stairs



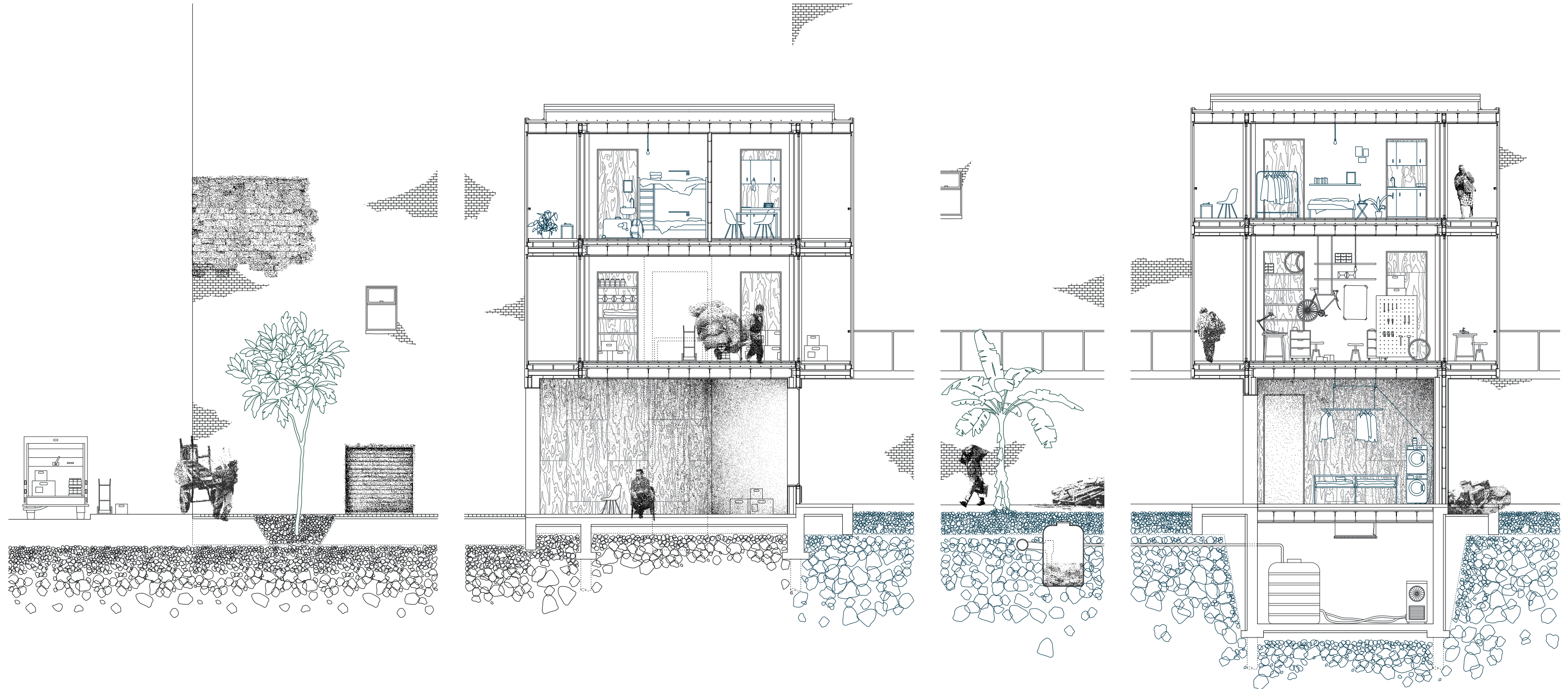
Sequence

The Garden - Rooms



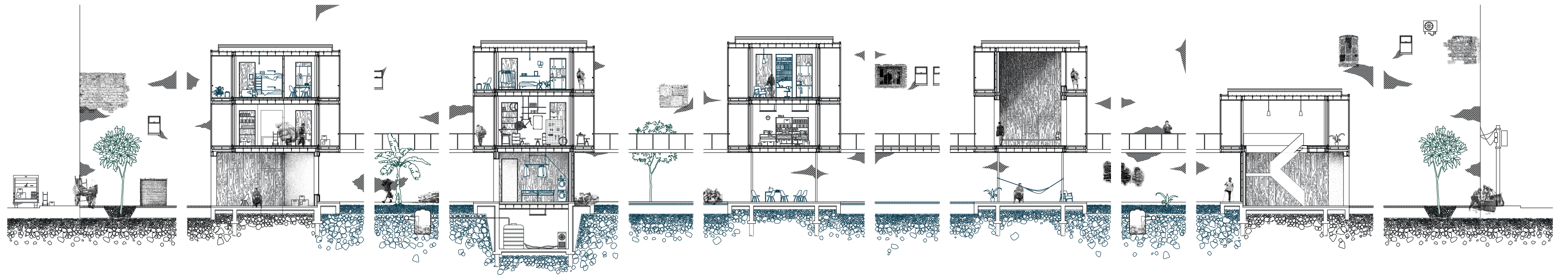
(Re)Configuring

Super-imposing past and present conditions with future scenarios



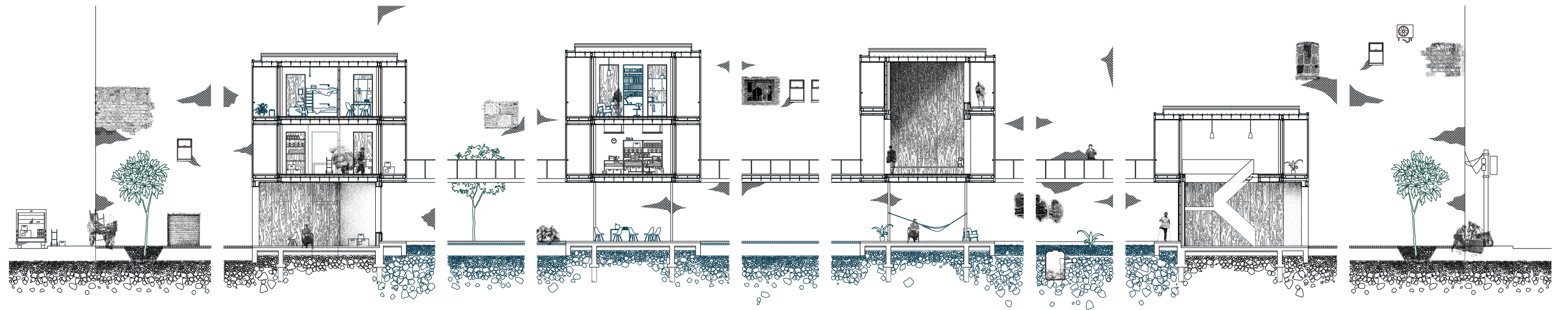
(Re)Configuring

Super-imposing past and present conditions with future scenarios



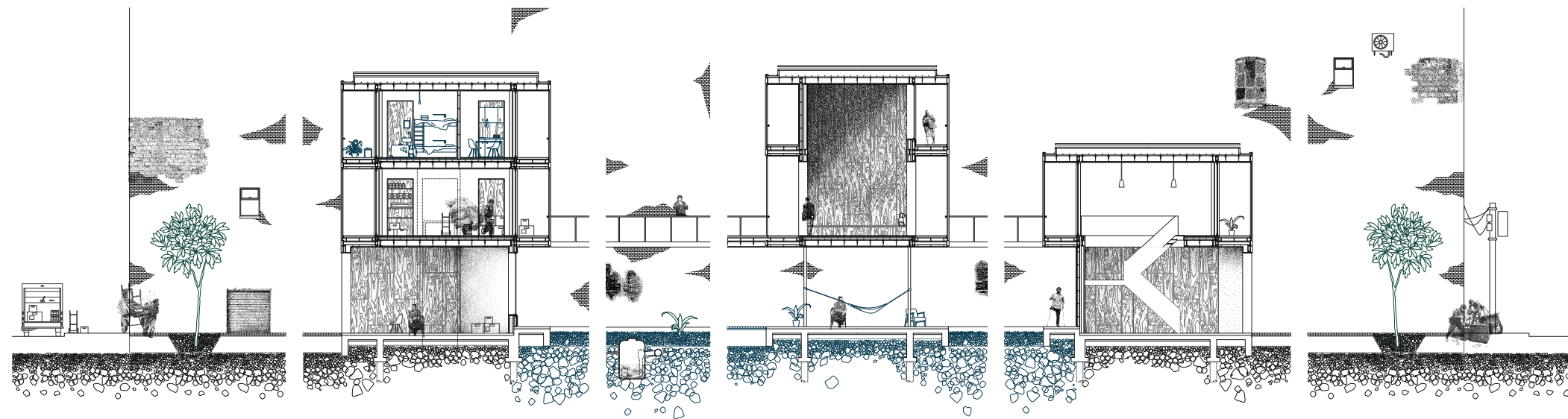
(Re)Configuring

Super-imposing past and present conditions with future scenarios

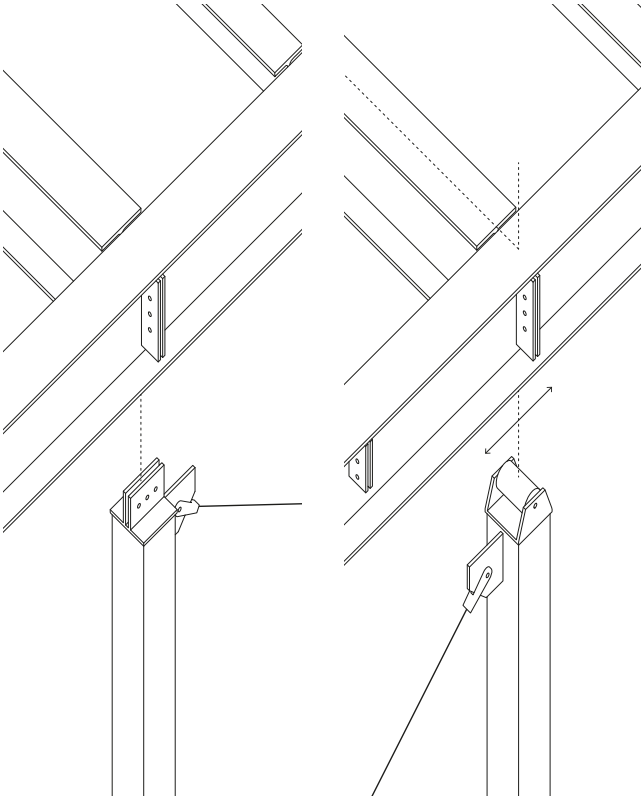


(Re)Configuring

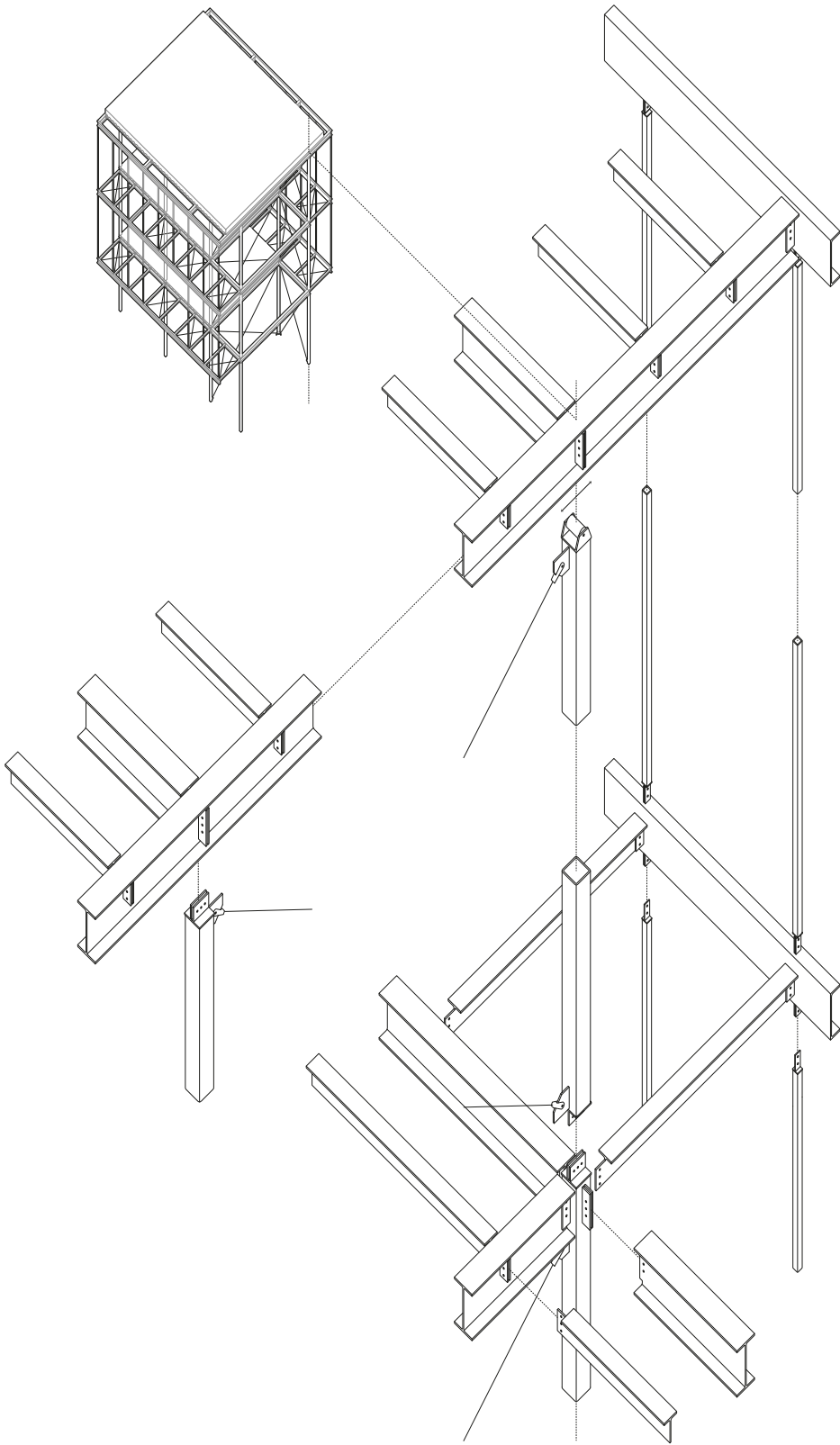
Super-imposing past and present conditions with future scenarios



Structural Connections



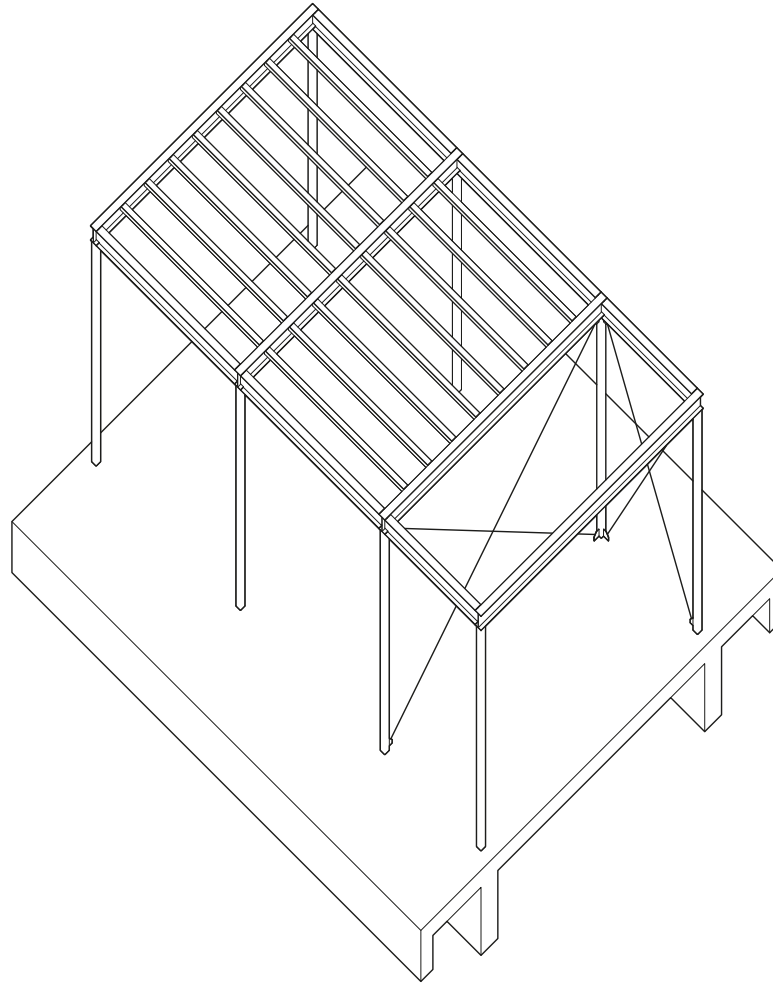
Pin connection and roller connection for roof slab
Accommodating thermal expansion



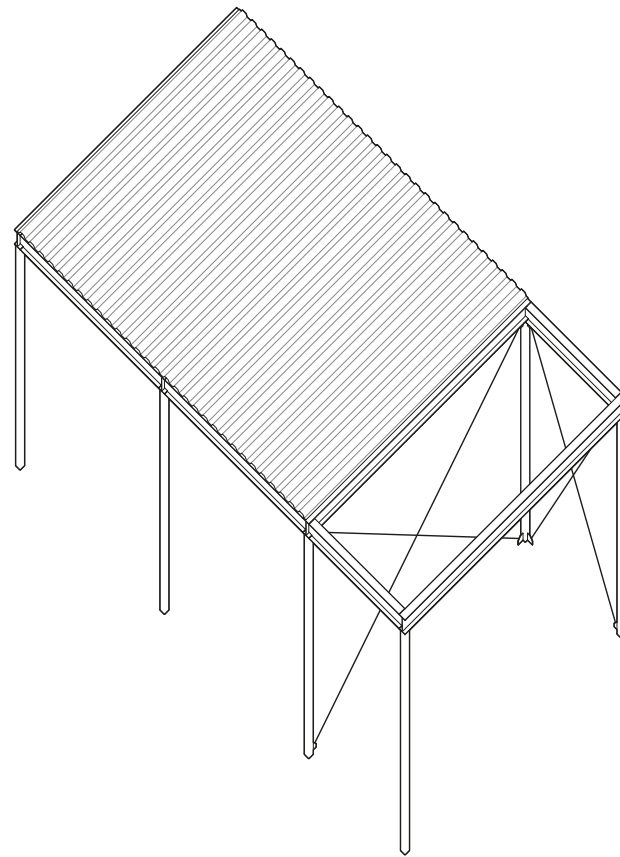
- Frame components
- 120mm Square hollow section column
3300 / 3600 / 3900 / 4200
 - 260x140mm Universal beam
2400 / 3600
 - 140x100mm Steel T section
2400 / 3600

- Hanging components
- 260x75mm Steel channel section
40mm SHS pinned to channel section

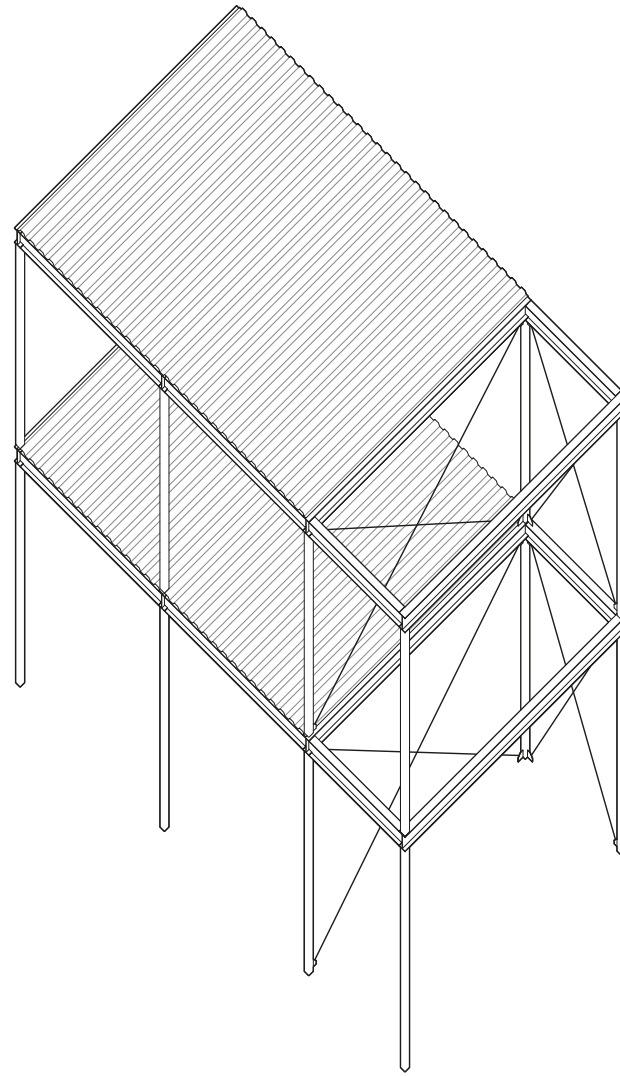
Construction Sequence



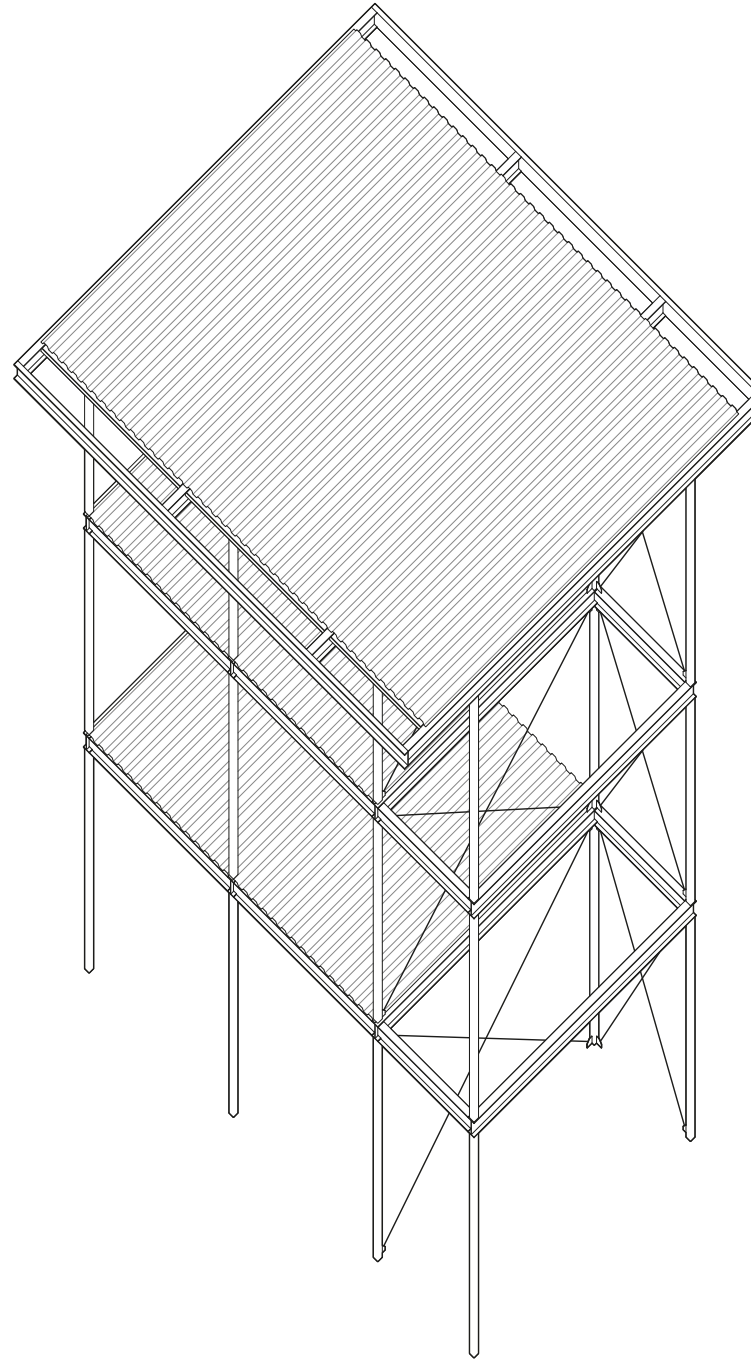
Construction Sequence



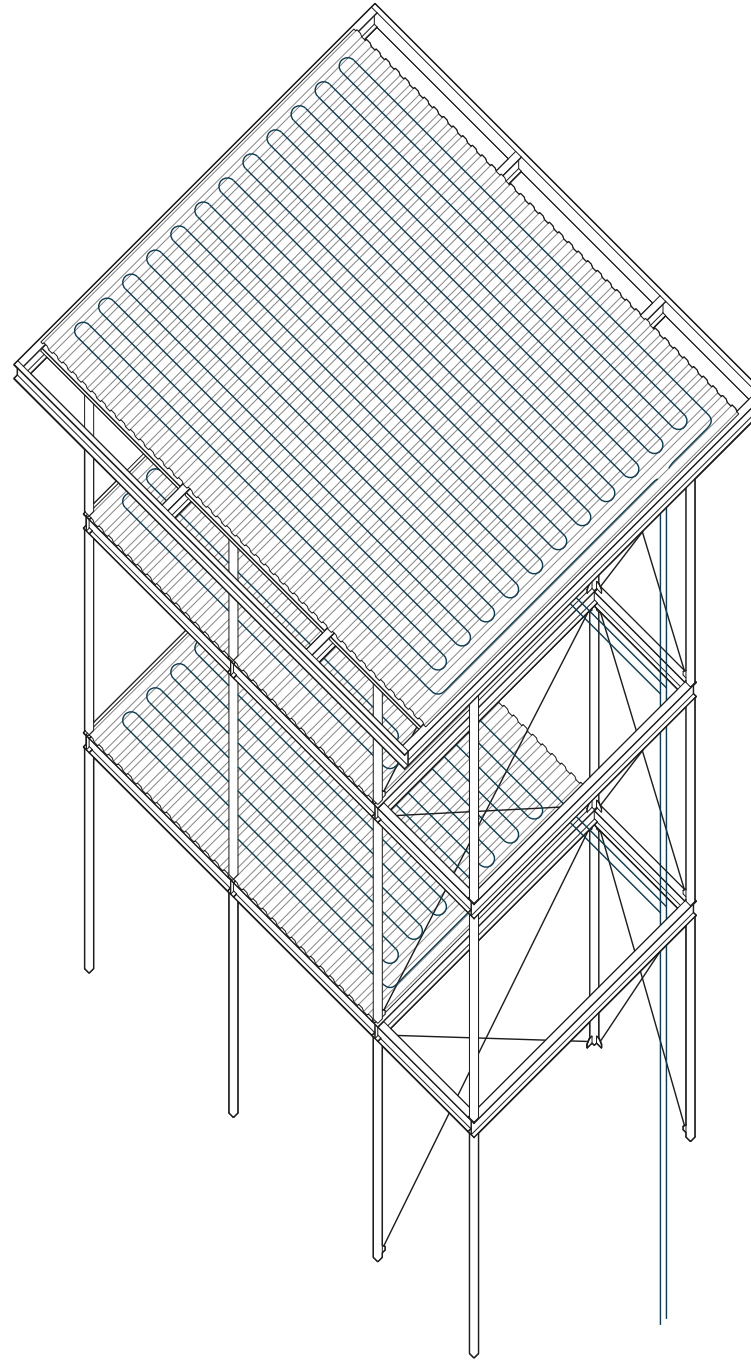
Construction Sequence



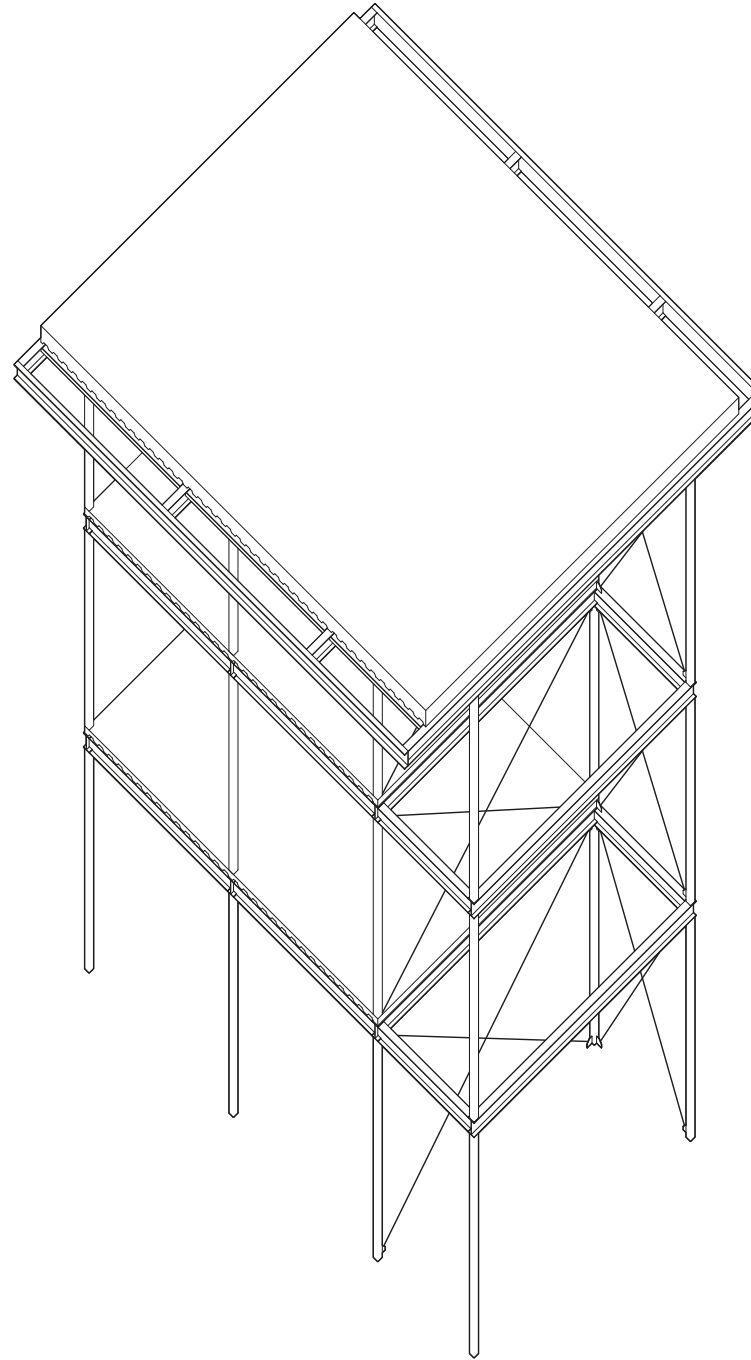
Construction Sequence



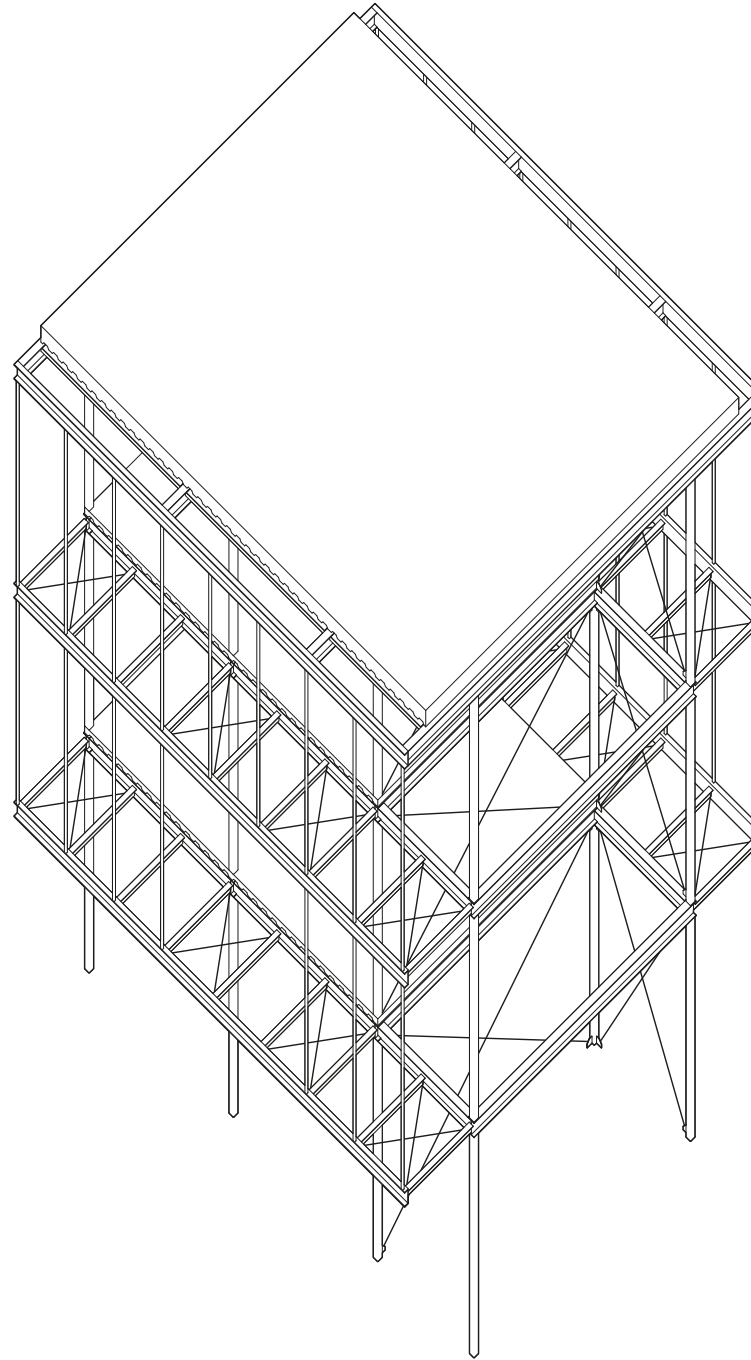
Construction Sequence



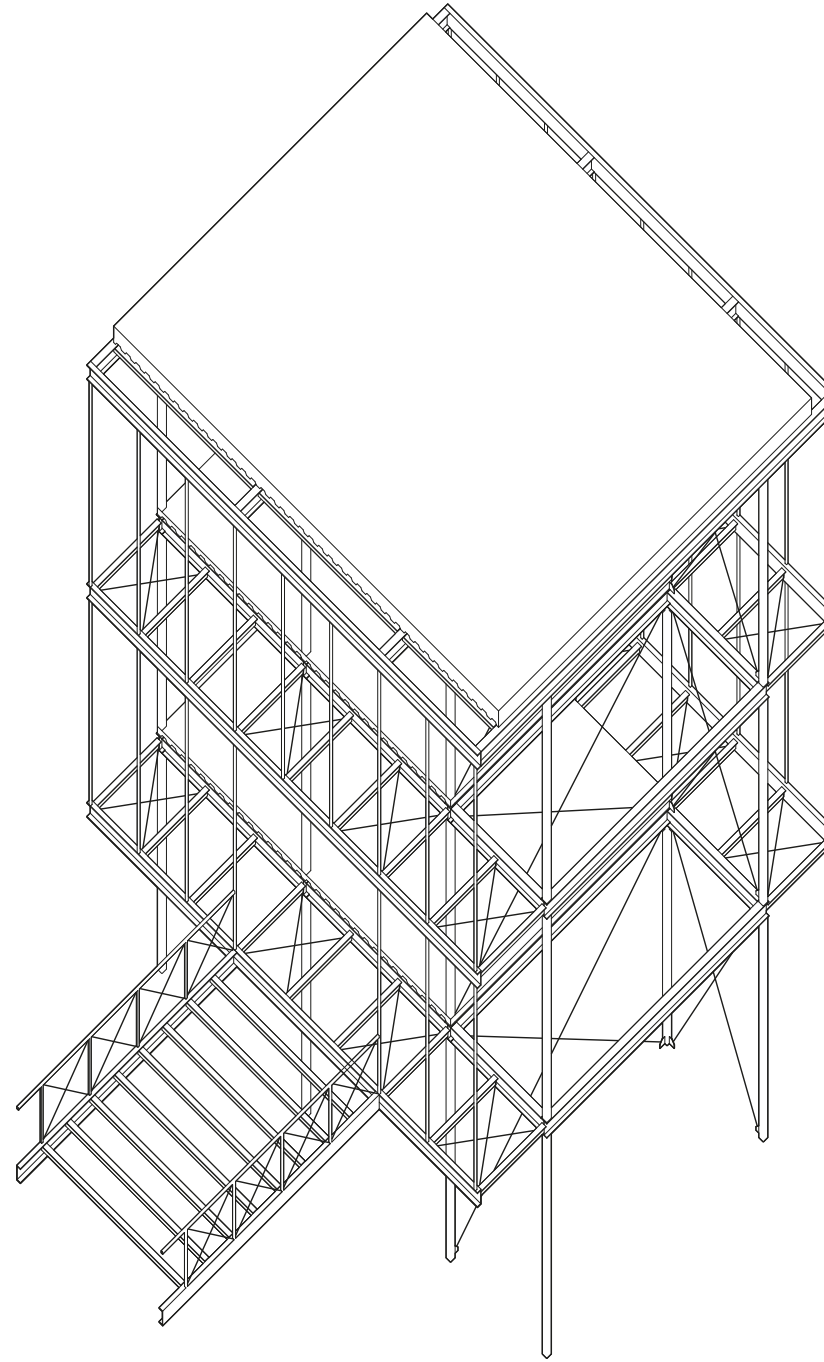
Construction Sequence



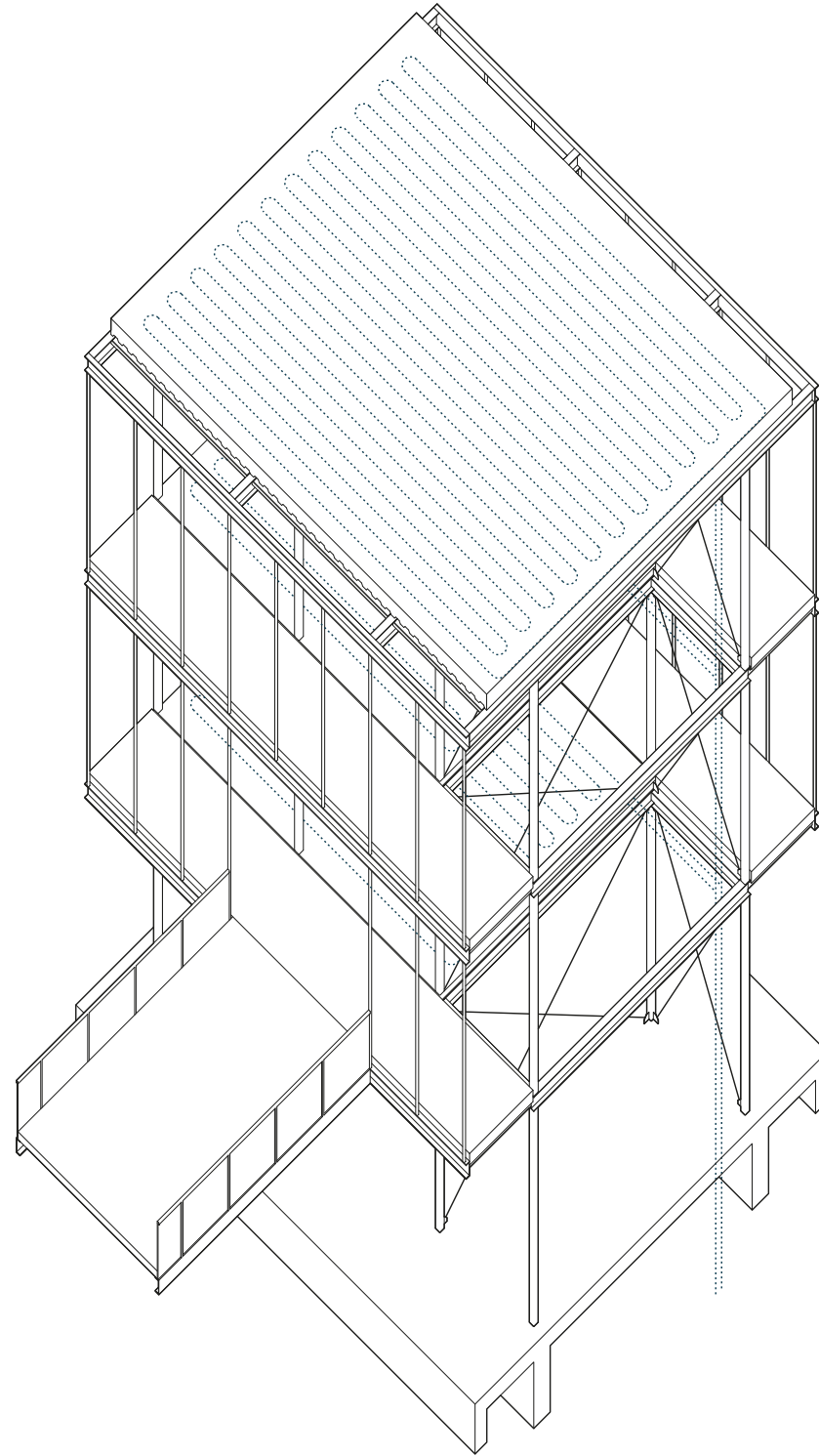
Construction Sequence



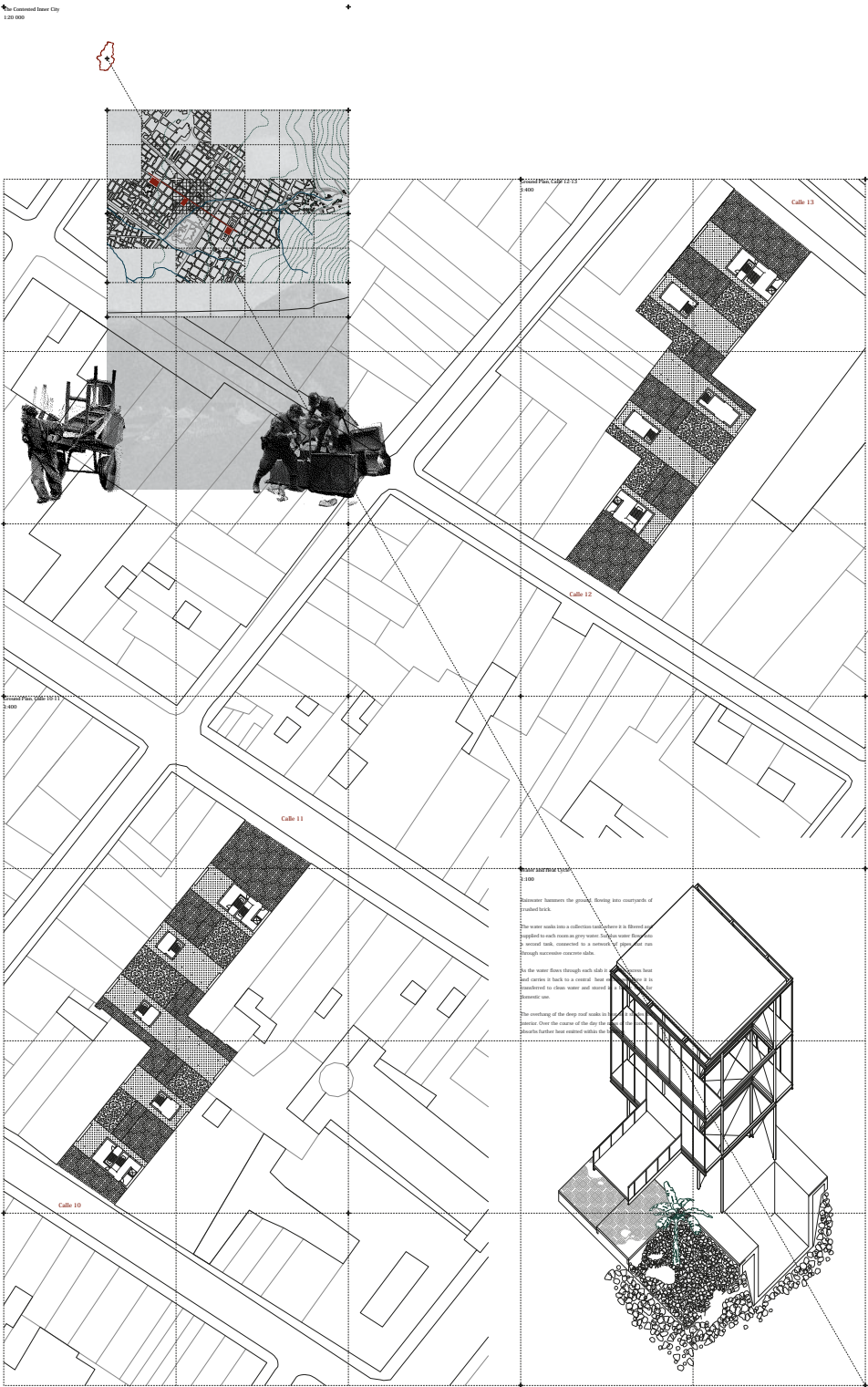
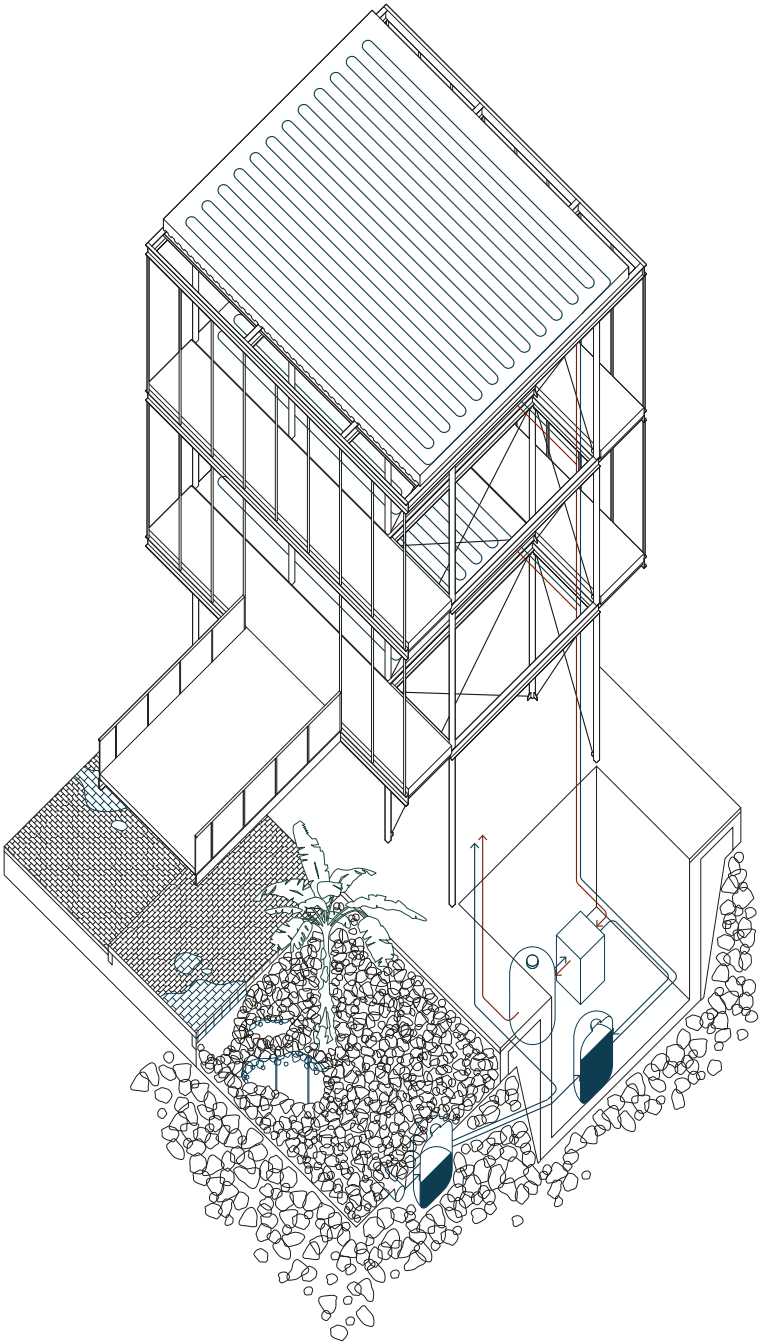
Construction Sequence



Construction Sequence



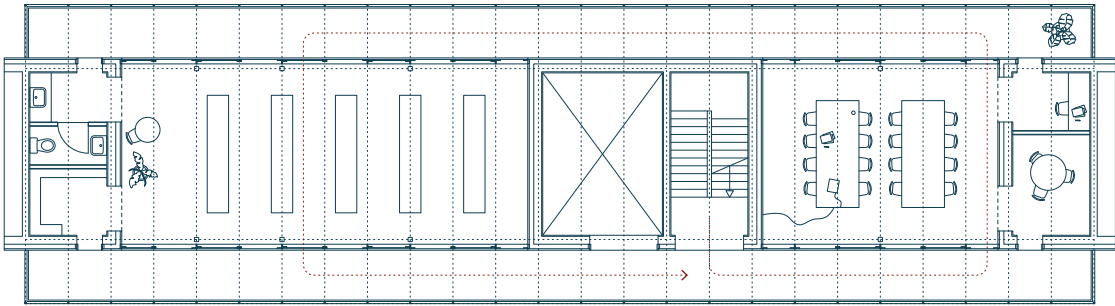
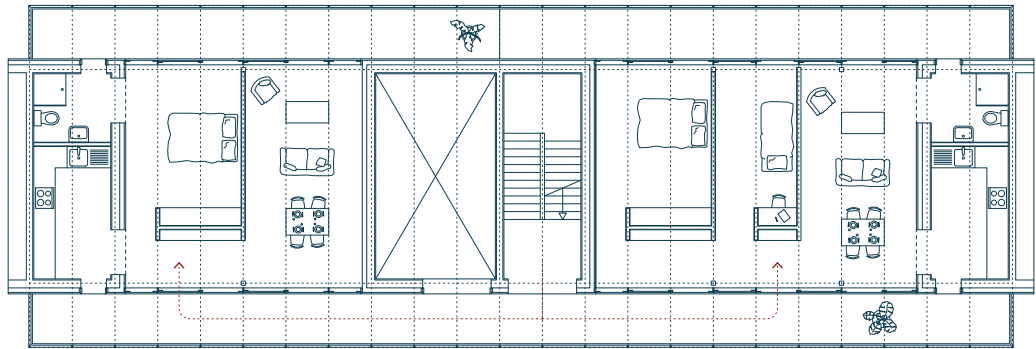
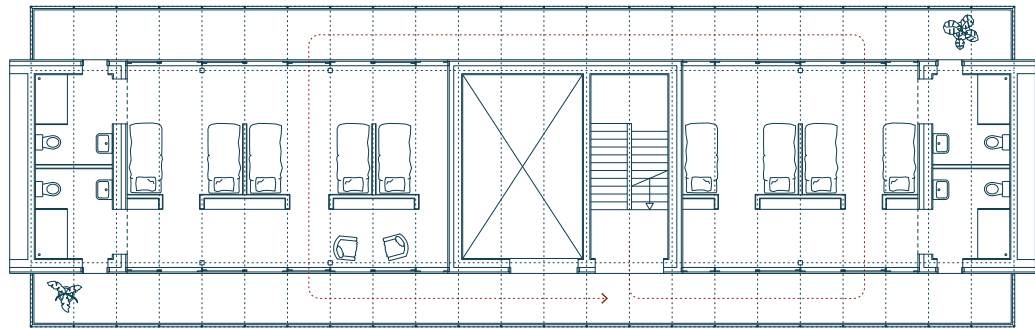
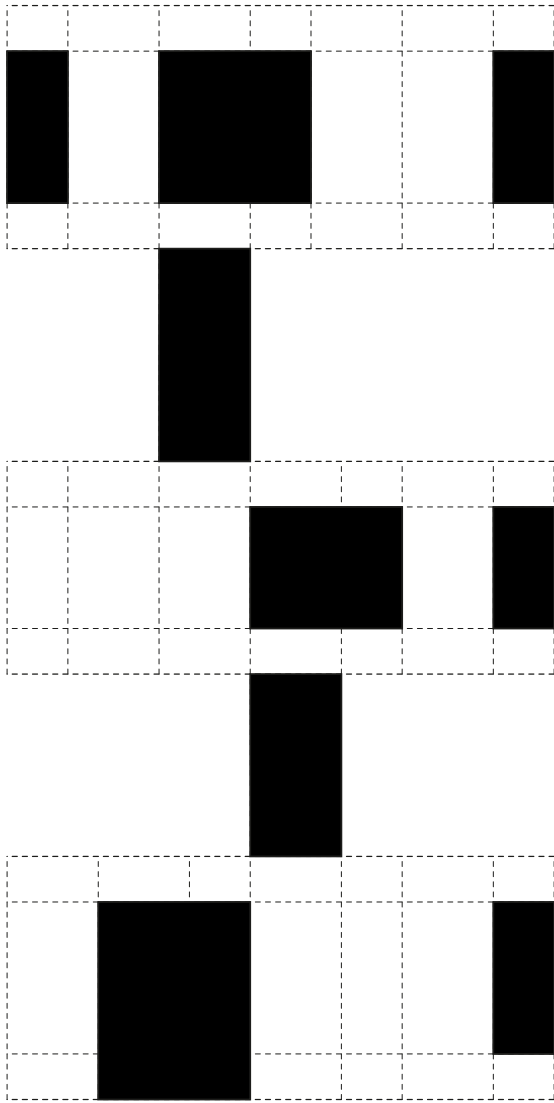
Summary



Reflections

A Constellation of Spaces

Localised variation



Superimposed field conditions

Working with the in-between

