

# Architecture of Transitional Justice

**The Cooperative as Part of Post-Conflict Reconciliation in Colombia**



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*P5 Presentation / 25-06-2020*

### **The End...**

After every war  
someone has to clean up.  
Things won't  
straighten themselves up, after all.

—Wisława Szymborska



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*Fascination and Reinterpretation*

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## **Transitional Justice**

When an internal conflict is over, a mechanism called Transitional Justice (TJ) is applied, in order to deal with a past of violence and injustice. Truth commissions, criminal trials, restitution compensation and lustration are addressed.

## **Memorialization**

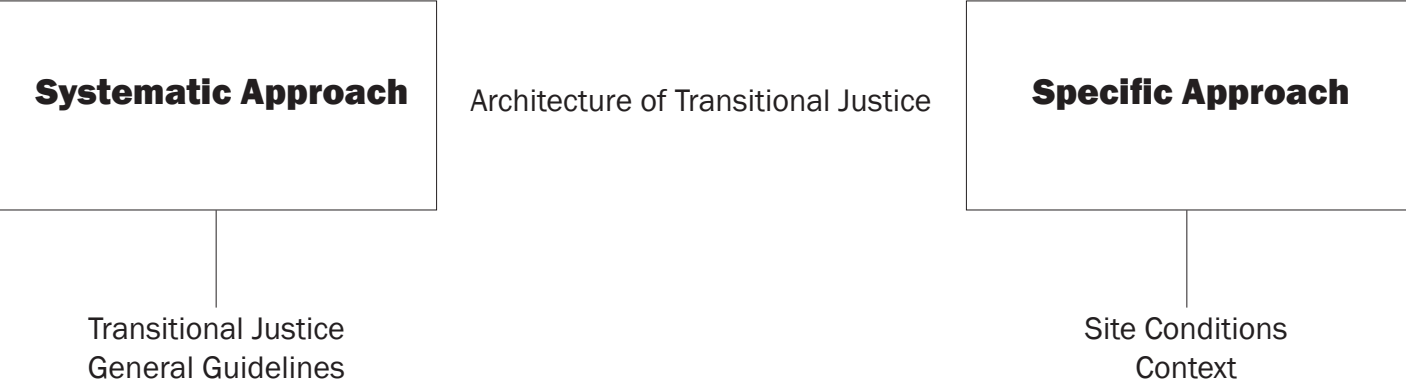
From a spatial perspective, scholars have addressed this topic through a perspective of memorialization and materialization of symbols of past events. Notwithstanding the importance of those interventions, the relationship between past events and the built environment cannot be reduced to them. A more encompassing account of architectural TJ must address the challenge of re-designing and re-signifying a broader category of buildings that played an integral part in the geography of political violence.

## **Architecture of Transitional Justice**

Located in the intersection of architectural theory, and political theory, addresses the participation of architecture within transitional justice, talks about the architecture's power to provide favorable space for two processes, an architecture that bridges the gap between a past of violence and the promise of a hopeful future of peace, taking Granada as case study.

## **Social Tolerance**

Conflict destroys the social fabrics, dividing groups, whose mutual relations are permeated with guilt, hatred and distrust. The process of collective (re) construction of social tolerance acknowledges the peaceful co-existence after conflict.



## **Architecture of Transitional Justice**

—  
**Systematic Guidelines**

**1. Forensic Analysis**

**2. Components**

**3. Available Data**

*1. Systematic Approach*

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## How?

**Providing guidelines** on the implementation of ATJ

**Proof of concept** through this architectural project

*Goal: To Become a Model of Interevention*

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## **Architecture of Transitional Justice**



### **Specific Guidelines - Transitional Justice from Below**

#### **Contextual**

Rural / Urban

#### **Goal**

Formulate other grounds of activity to create new dialogues

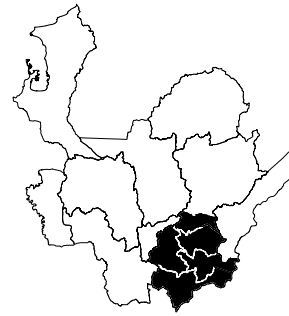




America



Colombia



Antioquia



**Granada**

Central location for  
territorial control / Strong  
identity with land practices  
(agriculture)

*Site Specific: Granada*

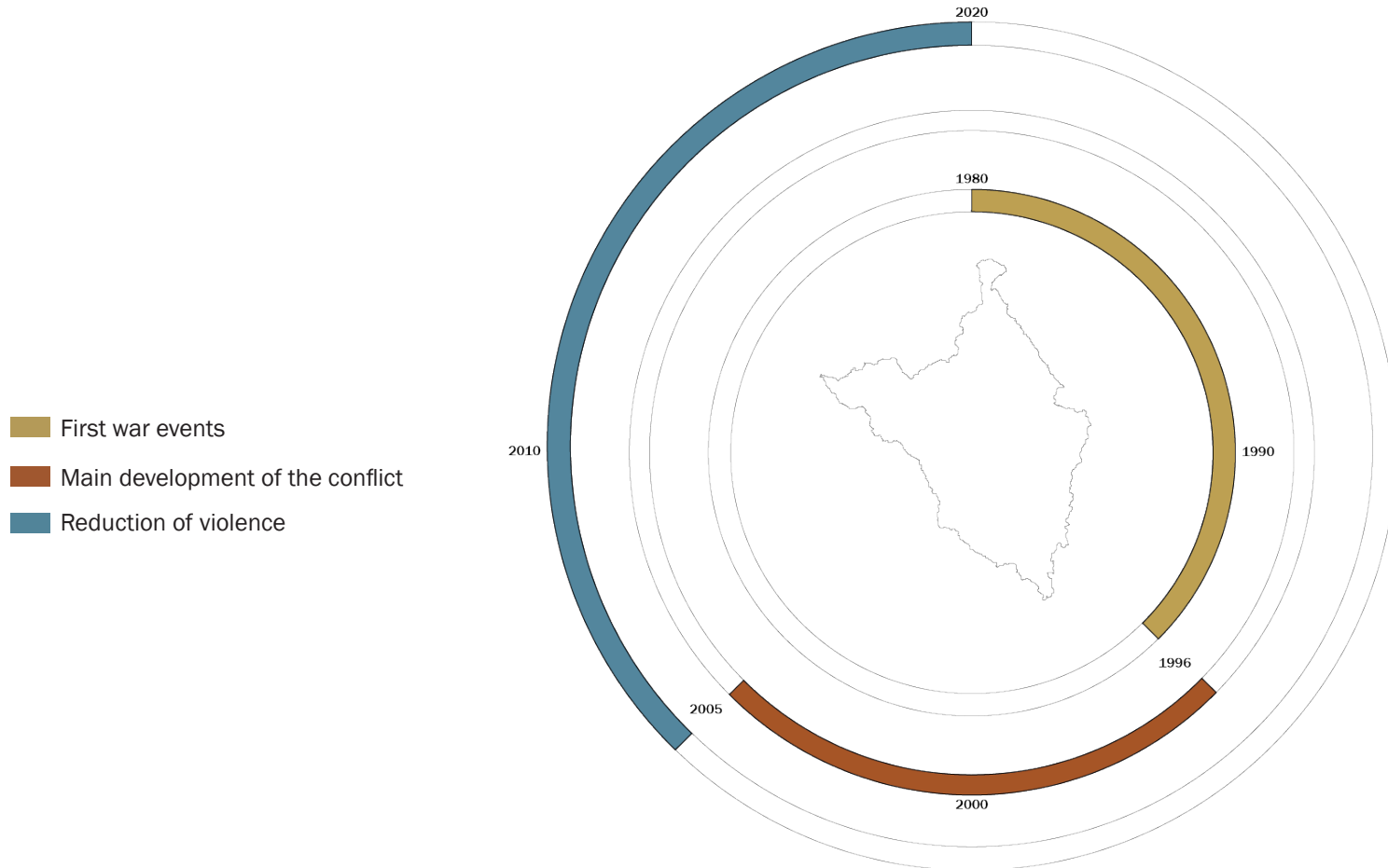
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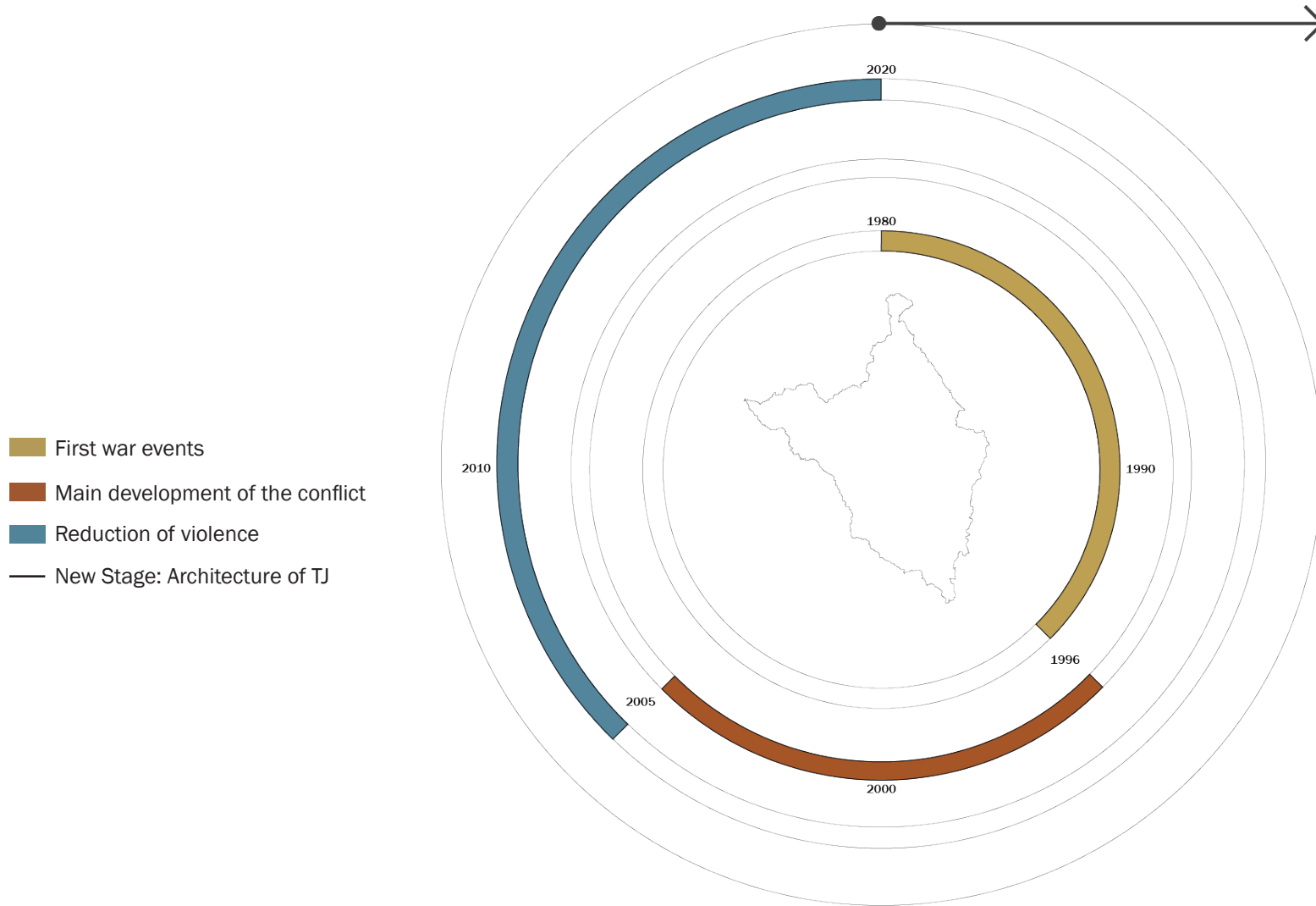
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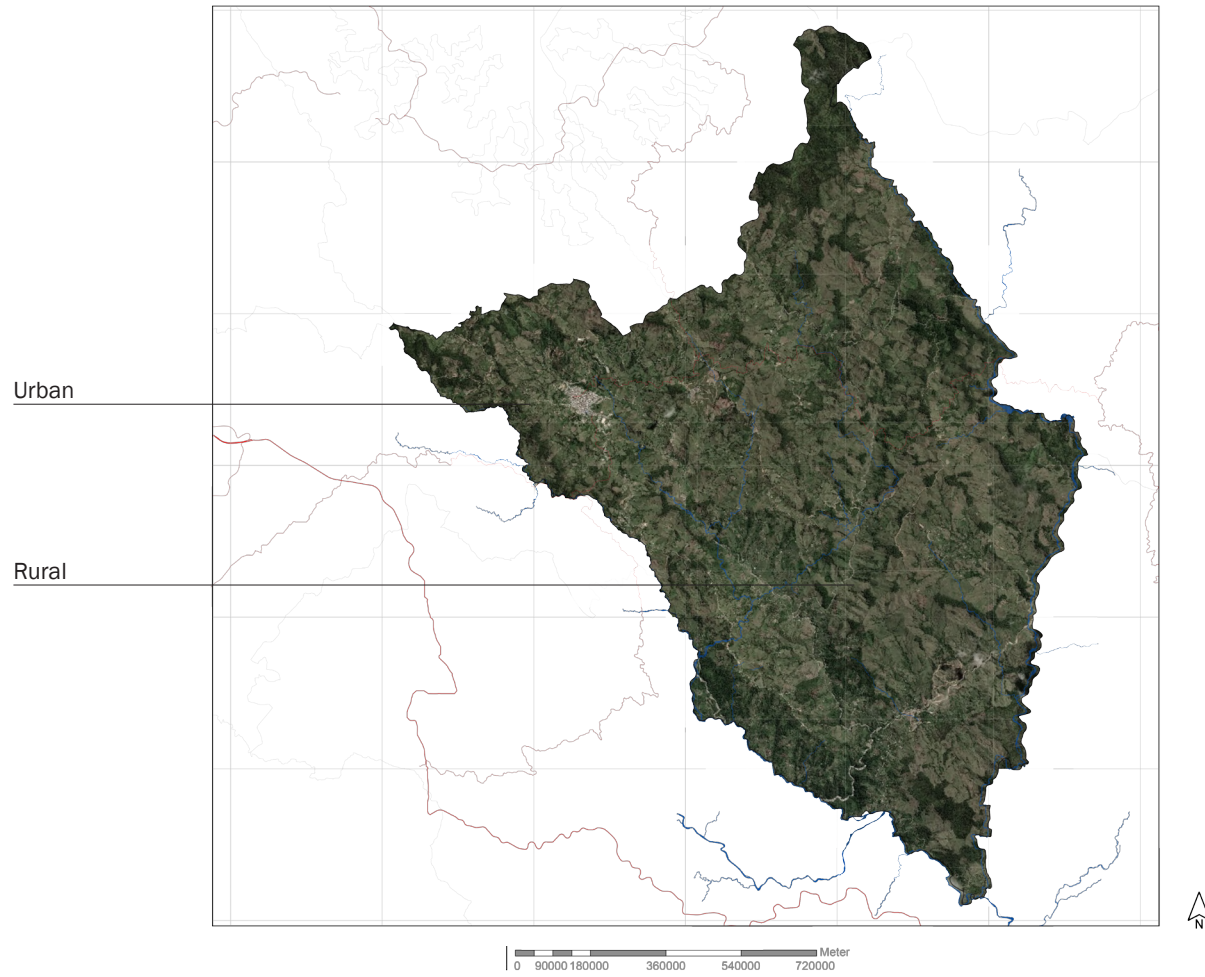
*Conflict Timeline*  
11/120



*Conflict Timeline: New Stage*  
12/120

## **GUIDELINES: (1) FORENSIC ANALYSIS**

Analysis of the spatialization of the conflict and the violence in the territory

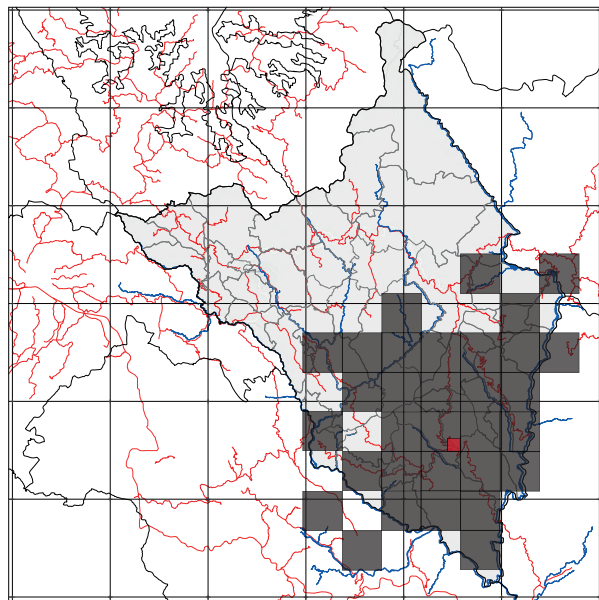


*Rural Territory / Rural Identity*

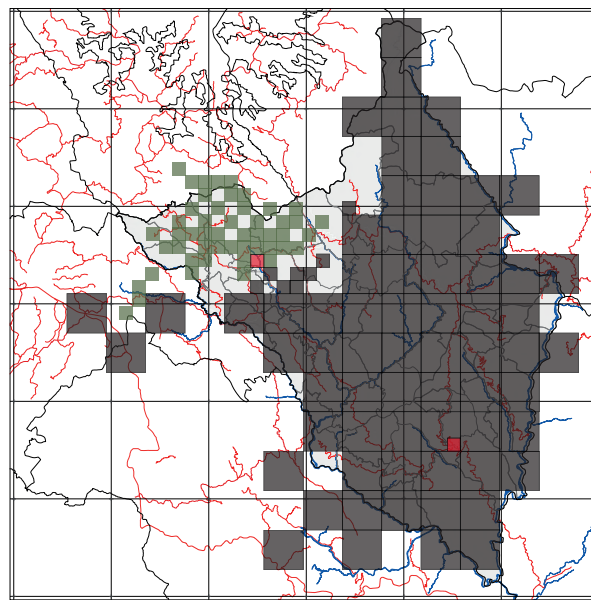
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“Territory is formed both from the Latin terra —land or terrain— as is generally recognized; but also, from the notion of territorium, a place from which people are warned. Terrere is to frighten away, and thus on this argument “territory” and “terror” share common roots”.

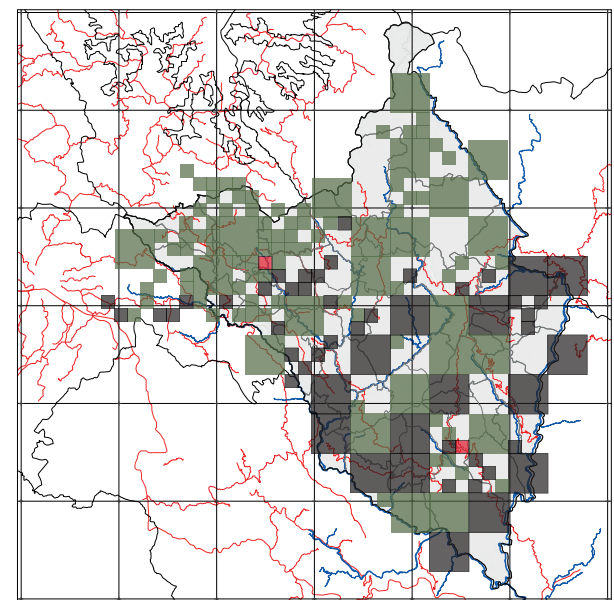
Stuart Elden. *Terror and Territory: The Spatial Extent of Sovereignty*.



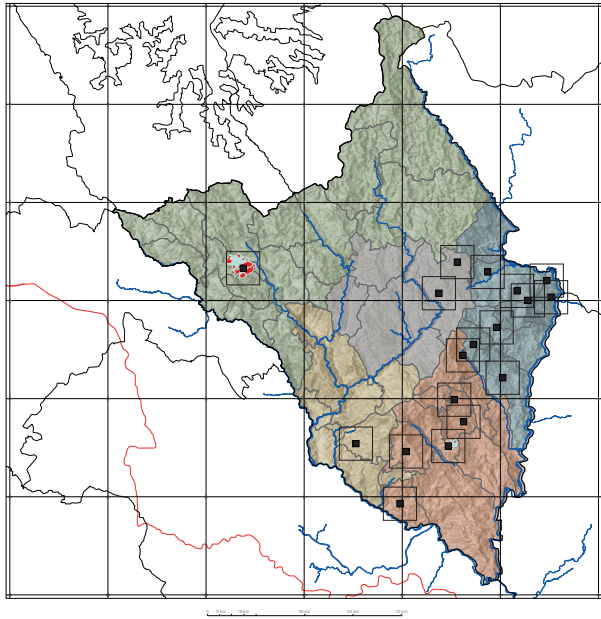
Guerrilla Hegemony



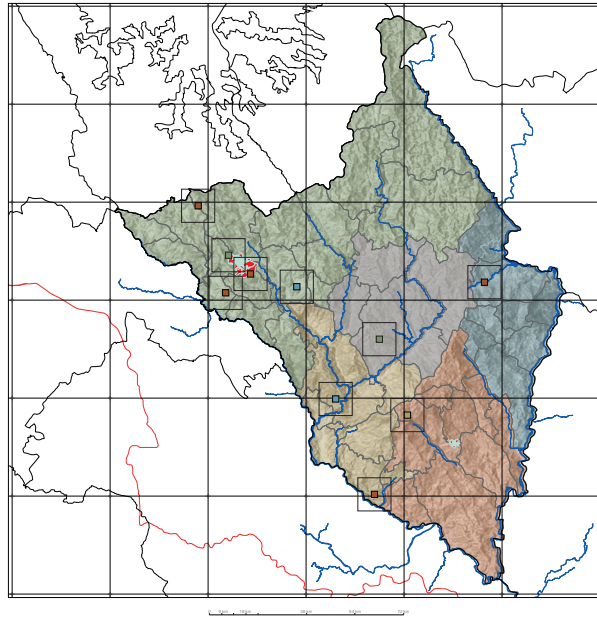
Paramilitary Expansion



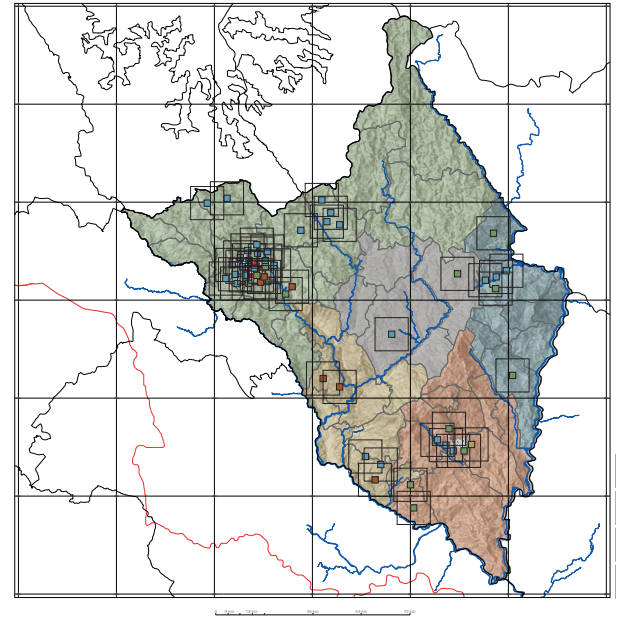
Contested Territory



Extrajudicial Executions



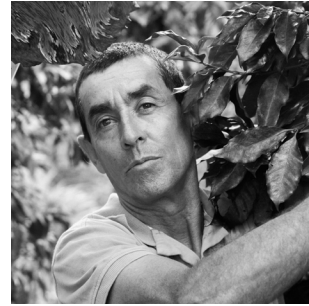
Massacres



Murders







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**Lider of  
the  
negotiations**

Humberto de La Calle

**Artist**

Erika Diettes

**Farmer  
and  
Victim**

Don Arcecio

**Politic  
Scientist**

Mihaela Mihai

**Writer**

Hugo Tamayo

**Architect**

Camilo Restrepo Ochoa

**Farmer  
and  
Victim**

Doña Nelly

**Memory  
Hall  
Director**

Gloria Quintero

**Historian**

Mario Gomez

**Tejipaz  
Director**

Claudia Giraldo

**Guide**

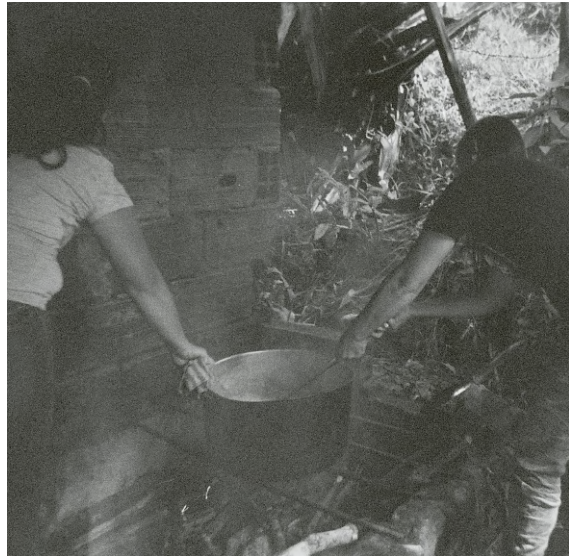
David Giraldo

**Farc  
Member**

Alejandro

*A deeper comprehension*

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Series of photographs made by Granada residents, with the purpose of seeing how they perceive peace-building, reconciliation, and community life.



© Edgar Dominguez

*The forensic: social and spatial*  
20/120

**GUIDELINES: (2) COMPONENT ANALYSIS & (3) AVAILABLE DATA**

**Social**

Culture and behavior

**Economic**

What do they do for a living?

**Geographic**

Landscape and climate

**Through the architect's lens: How is this related to space?**



© Municipios de Colombia

*Through the Architect's Lens*

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The built environment is the manifestation of how people lived during and after the conflict. The spatial implications have been disregarded throughout the Peace Agreements and the creation of frameworks for Post-Conflict Colombia. I aim to place architecture as an agency of change towards the reconciliation for Post-Conflict Colombia.

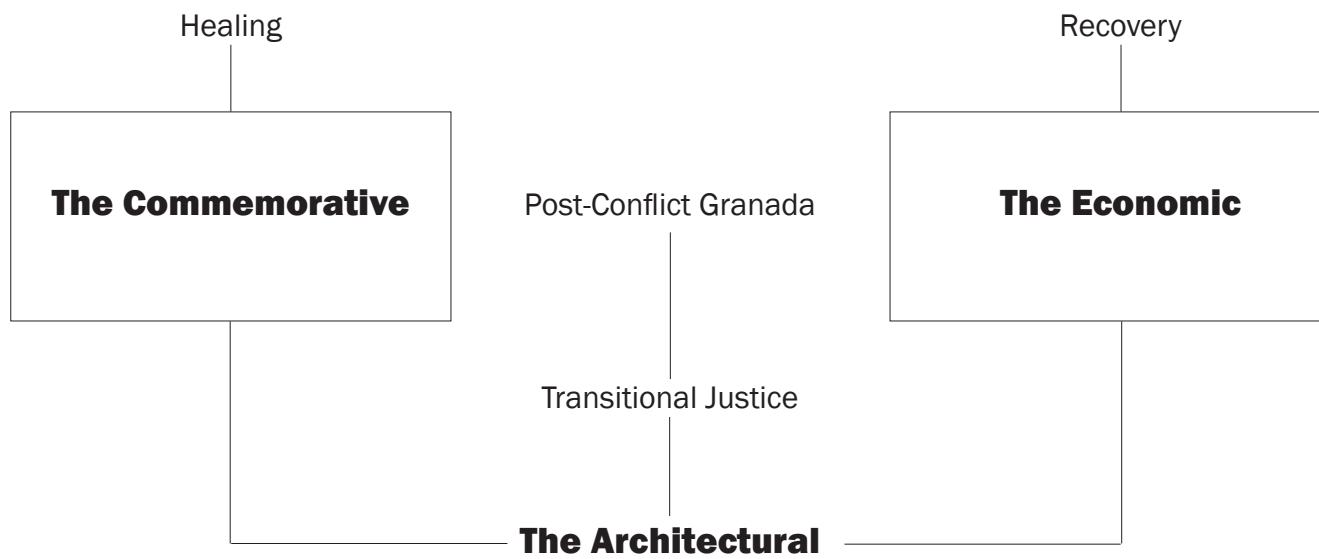


How can the production-oriented shared facilities and public spaces revive the socio-economic infrastructure of Granada?

How can architecture bridge the gap between the violent past and the promise of a peaceful future, focusing on the social and productive practices broken by conflict?









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*Farming as the main Economic Practice*

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© Antanas Jurksaitis

## Eastern Antioquia

Coffee Veredas: 535  
Coffee planters: 10.624  
Farms: 11.854  
Ha. of coffee plantation: 11.587  
Ha. of productive area: 9.636  
Ha. average size of a plantation: 1.09  
Average age of trees: 5.9  
Average density tree/Ha: 4.751

### Type of farmer

Medium scale  
111 (1.04%)

Small scale  
10.490 (98.74%)

## Granada

Coffee Veredas: 34  
Coffee planters: 498  
Farms: 526  
Ha. of coffee plantation: 246  
Ha. of productive area: 213  
Ha. average size of a plantation: 0.49  
Average age of trees: 5.8  
Average density tree/Ha: 3.785

### Type of farmer

Medium scale  
1 (0.02%)

Small scale  
497 (99.8%)

### \*Type of farmer

Big: more than 10Ha  
Medium: between 5 and 10Ha  
Small: less than 5Ha

Data from Cooperativa de Caficultores de Antioquia



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*How to Strengthen the Individual? Through the Collective*

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## **Institution**

Formalization of the Collective

**Collectively owned**

**Collectively built**

**Collective profit**





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## **GUIDELINES: PROGRAM WRITING**

Formulate other grounds of activity to create new dialogues

## **The Cooperative**

Mutual assistance in working towards a common goal

Cooperari (Latin):

1. Work together with another
2. Combine or unite

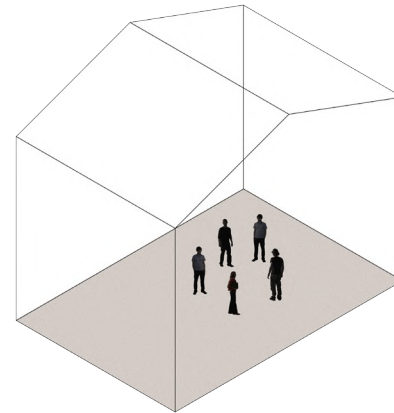
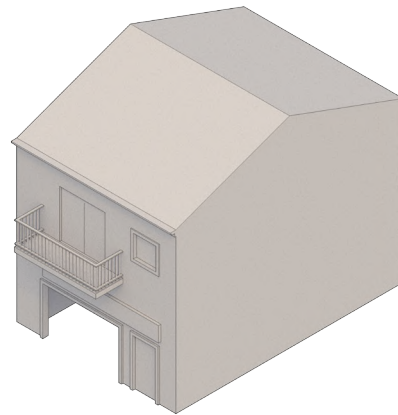
Regulate coffee prices and ensure its sale throughout the year

## **The Processing Plant**

Meeting point for coffee planters where industrial and community processes take place

## The Cooperative

As a social, economic, and political space



*How does a Cooperative Work?*

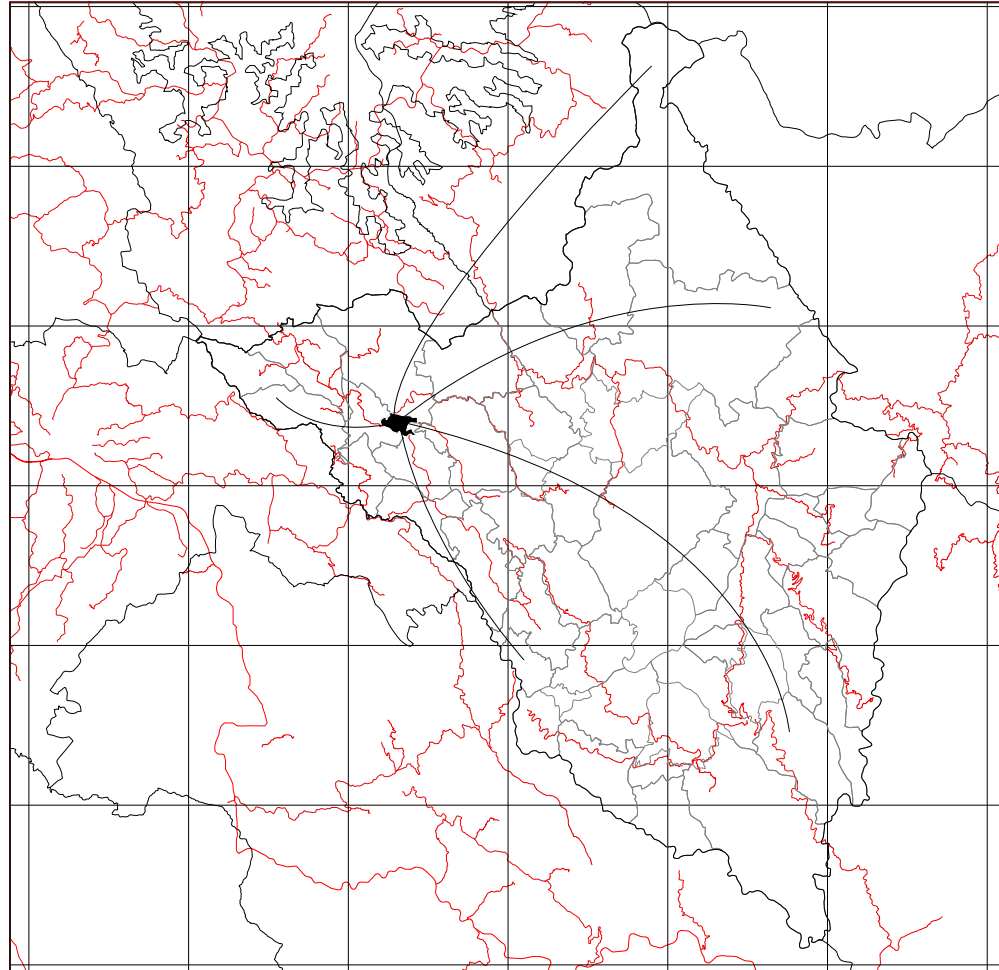
35/120



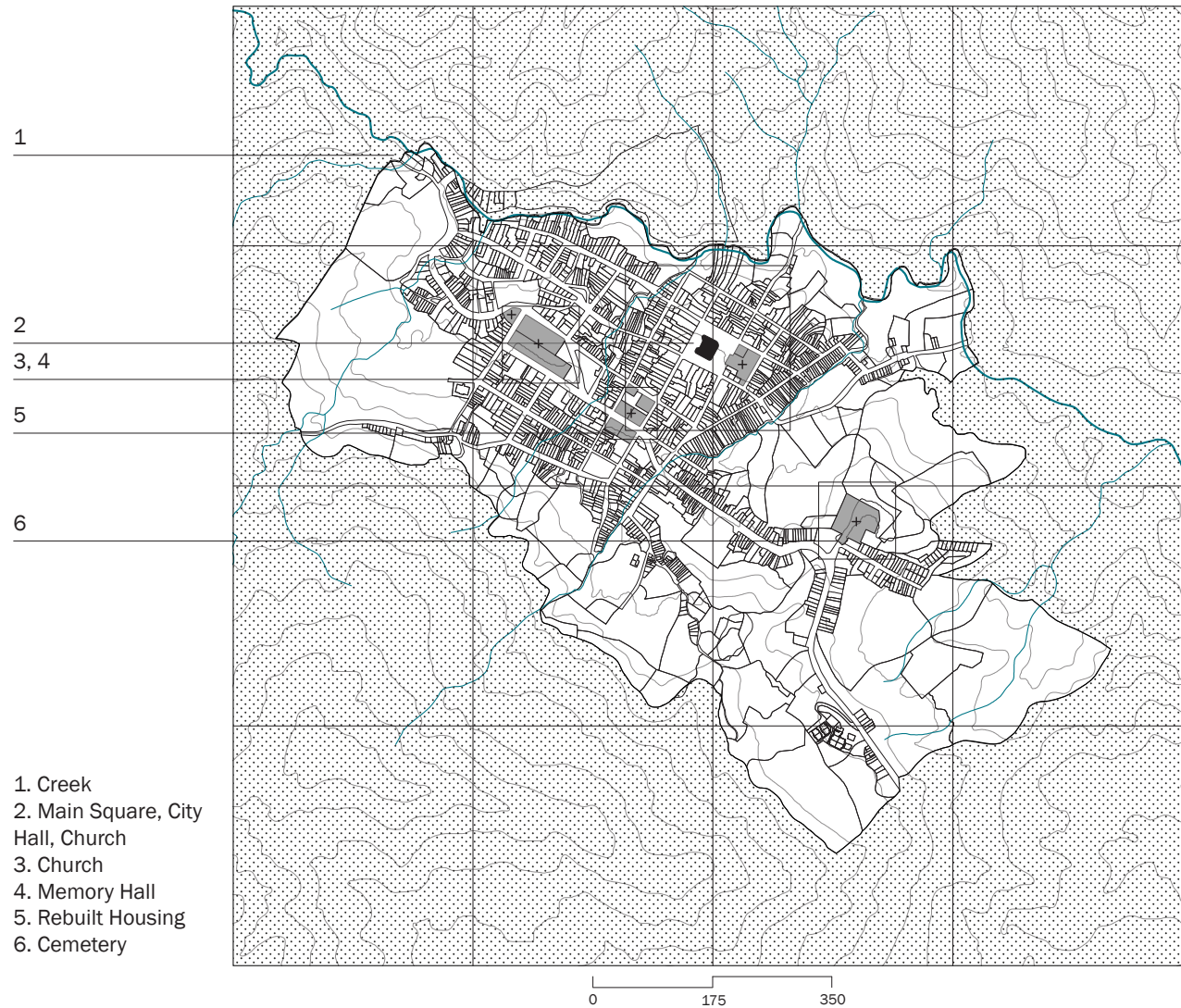
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*Architecture and Geography: Where to Intervene?*

36/120

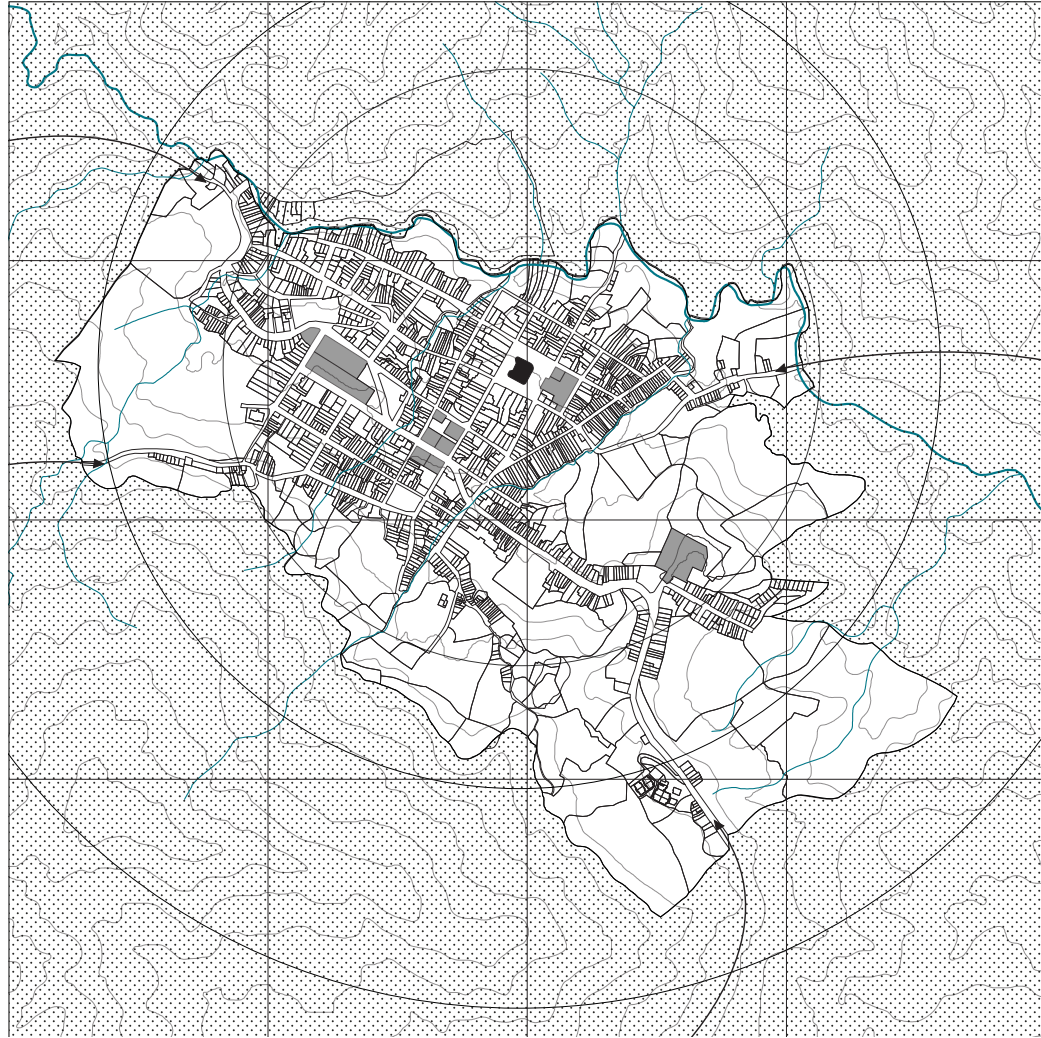


*From Territorial to Rural/Urban*  
37/120

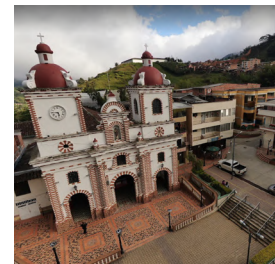


- 1. Creek
- 2. Main Square, City Hall, Church
- 3. Church
- 4. Memory Hall
- 5. Rebuilt Housing
- 6. Cemetery





0 175 350



*The Bridge between Rural and Urban*

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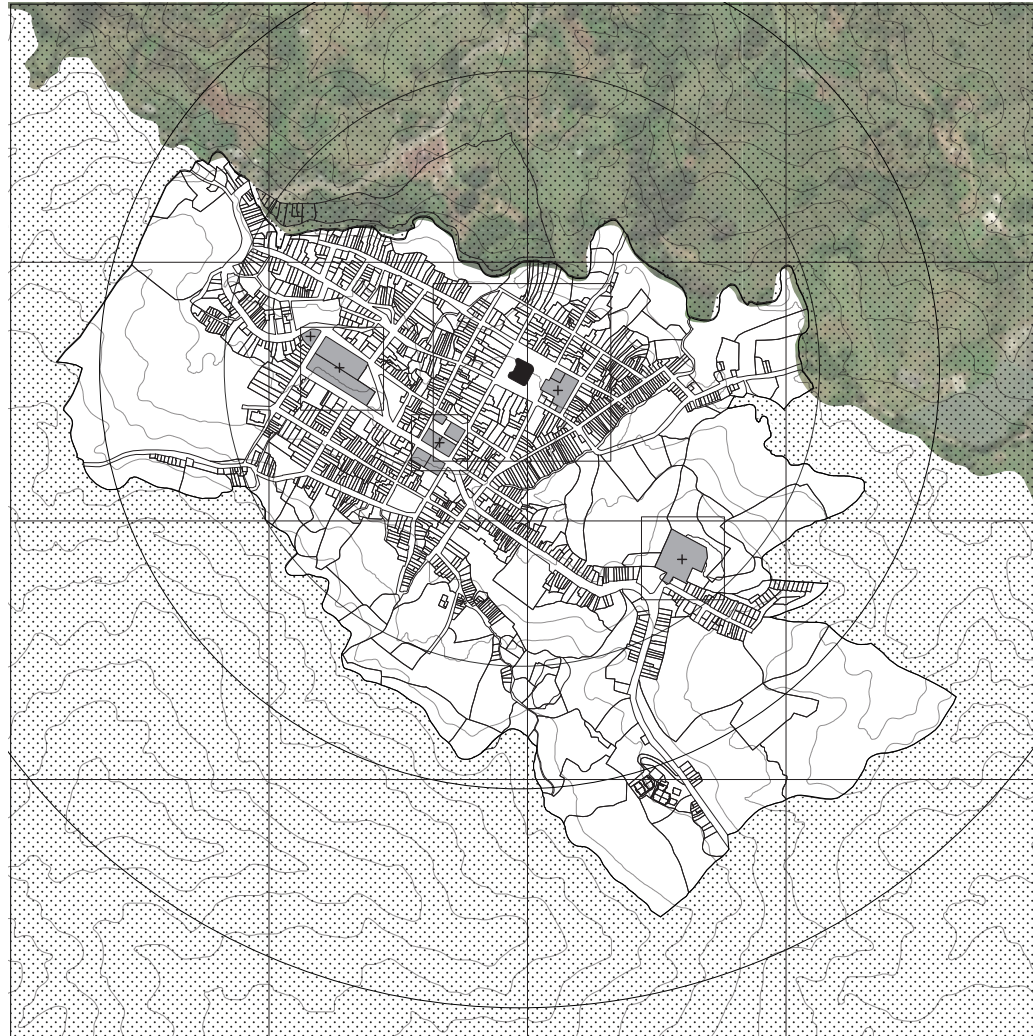


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To repair the Social

To repair the Topography

To repair the Environment



*Repair through the Architectural*

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*The Creek*  
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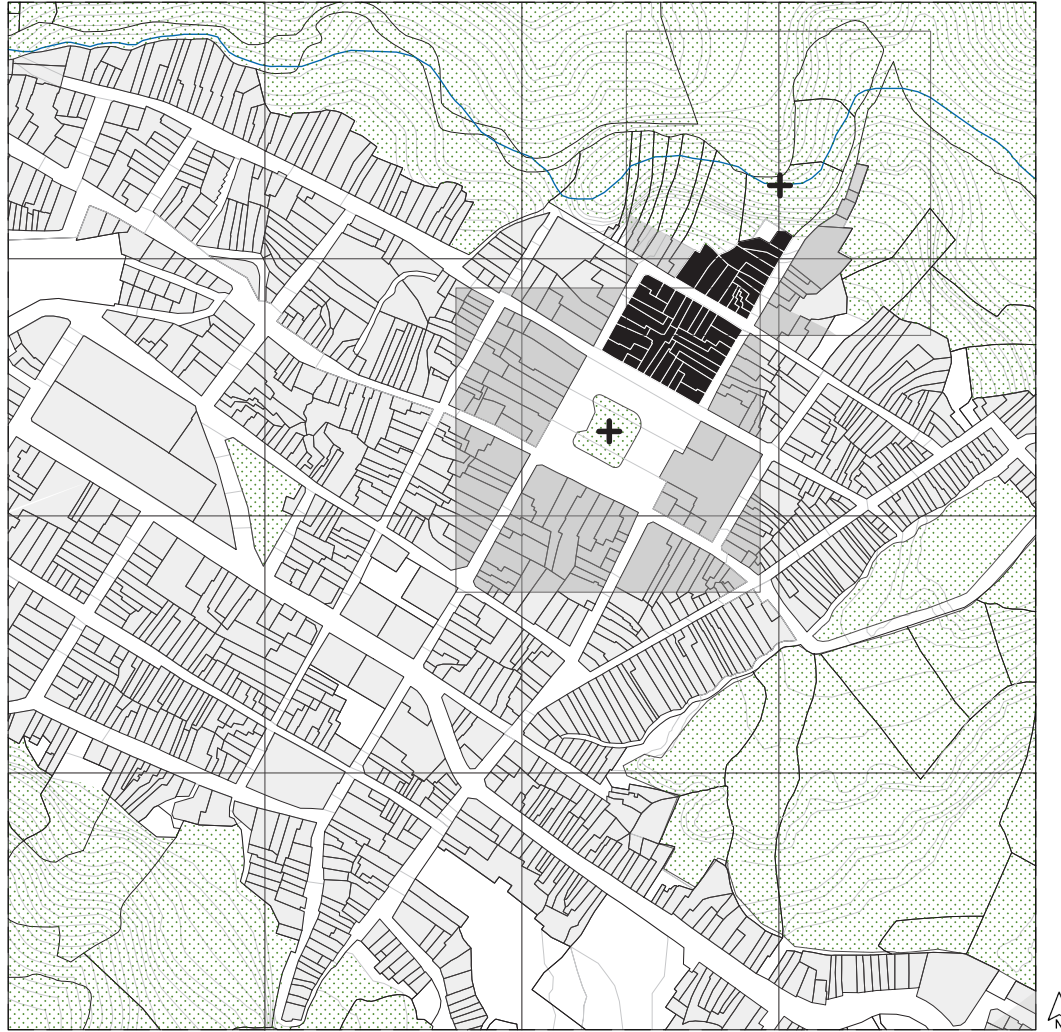
Square

Creek





*Site Condition*  
44/120



0 60 120

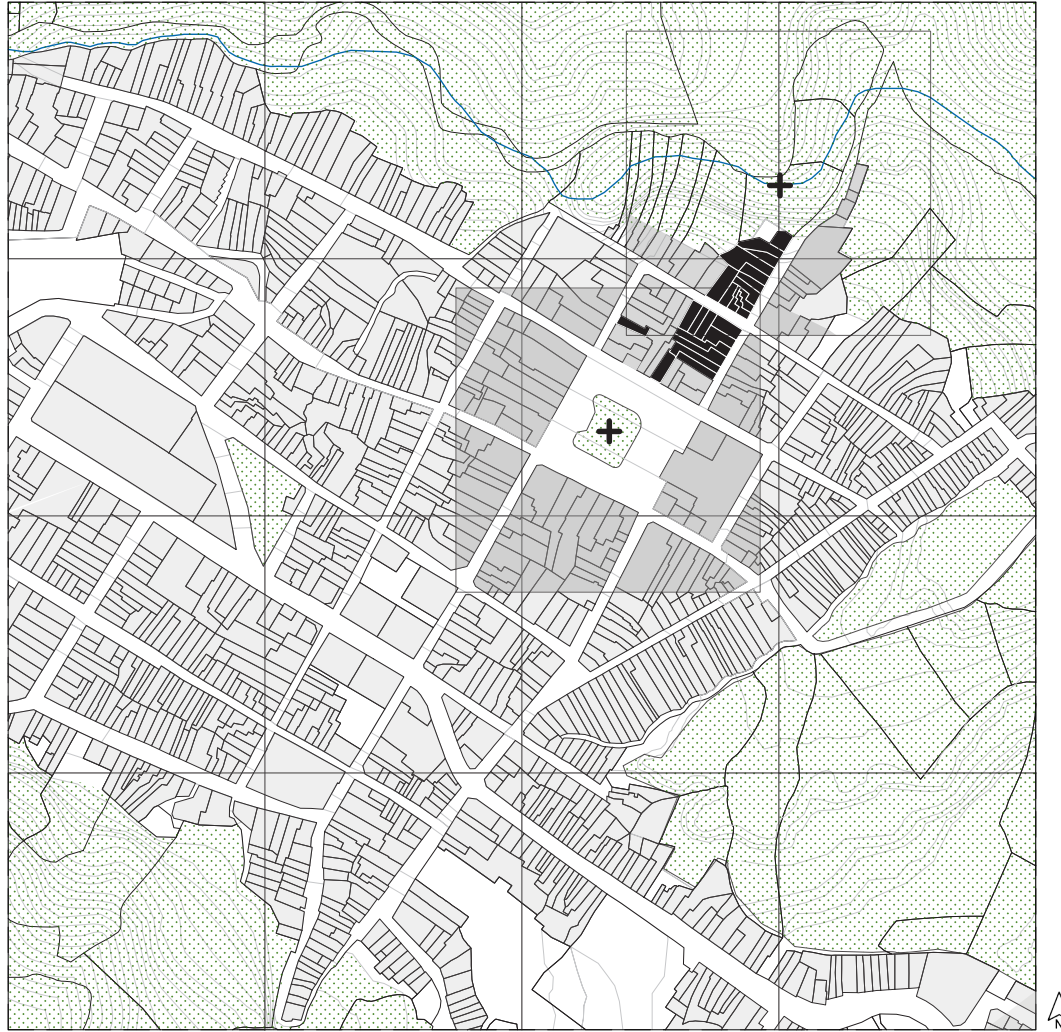
*Site Analysis*  
*45/120*



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*Topography and Built Environment*

46/120



0 60 120

*Site Choice*  
*47/120*

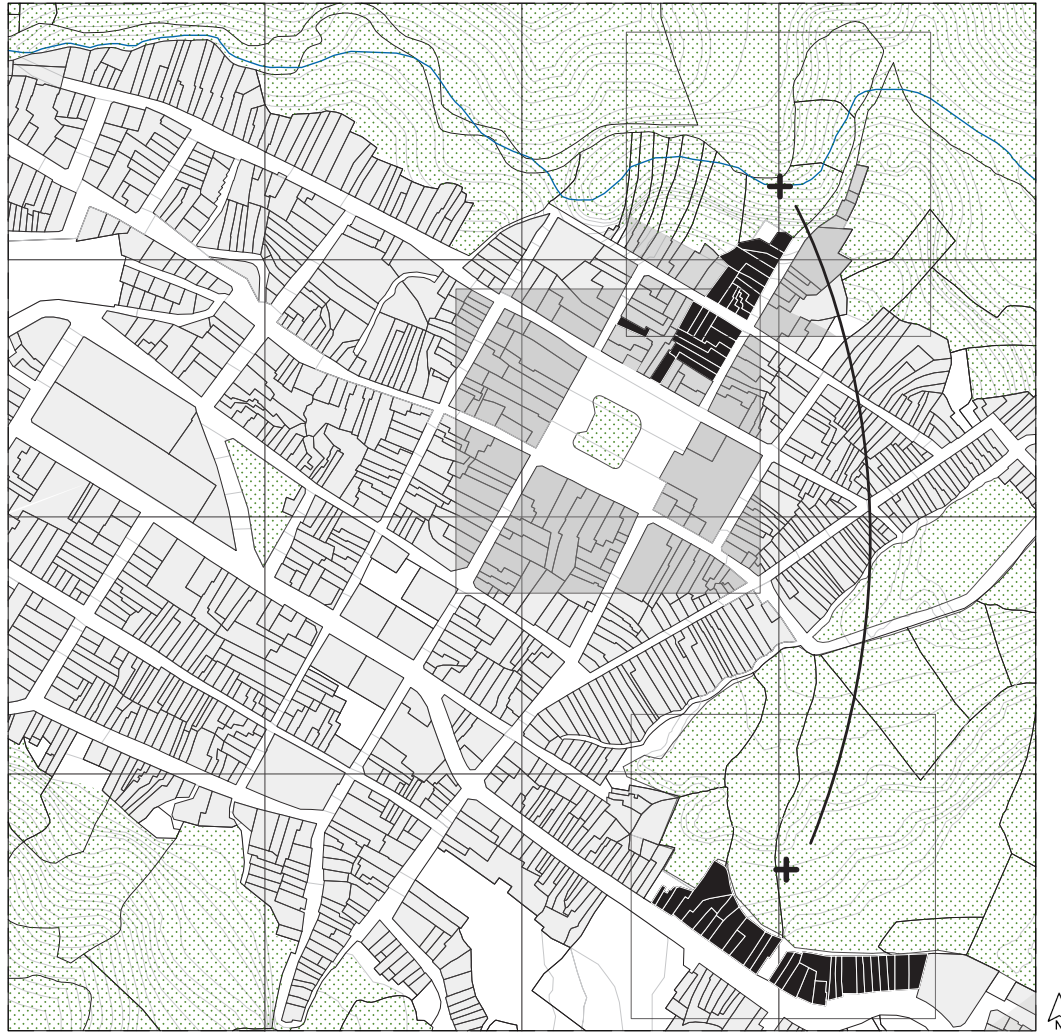


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*Poor Spatial Conditions: Informal Dwellings*

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0 60 120

*Relocation*  
49/120

Construction methods

Topography response

Materiality

Cascading





Site Choice



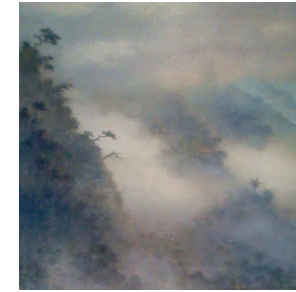
Cascade



Courtyards



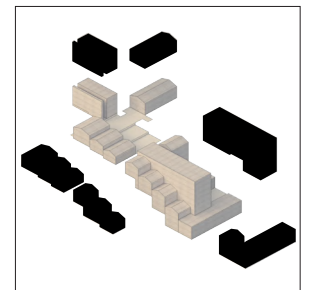
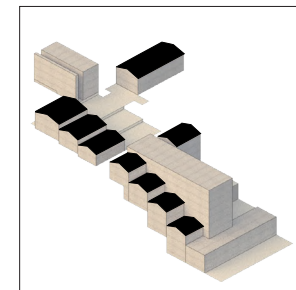
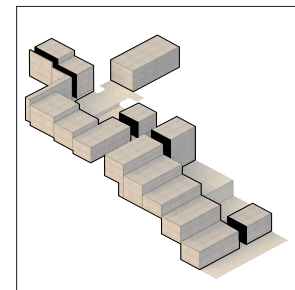
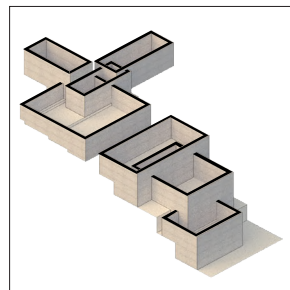
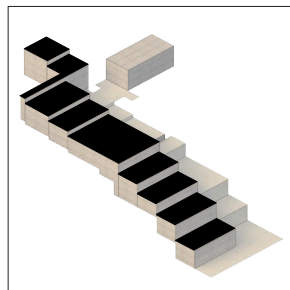
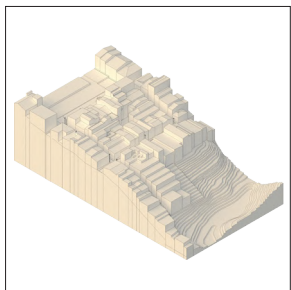
Street

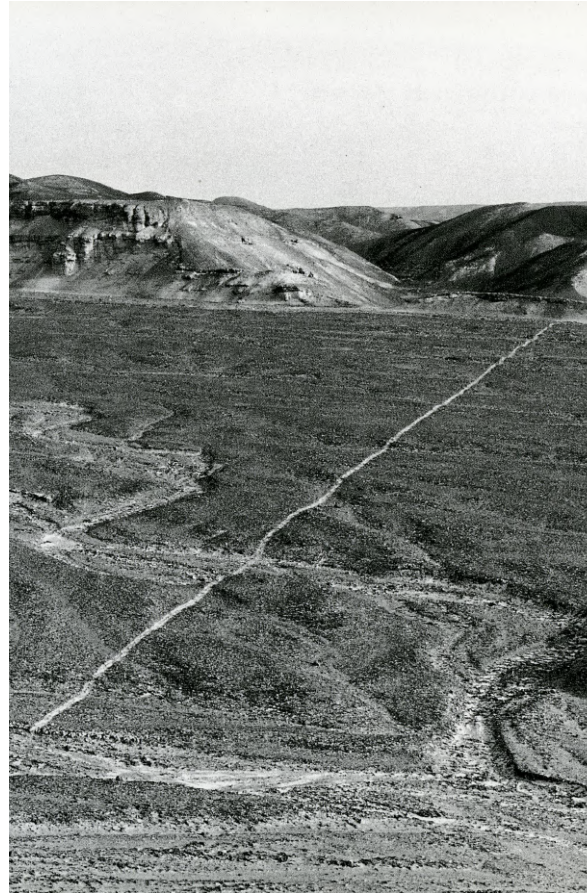
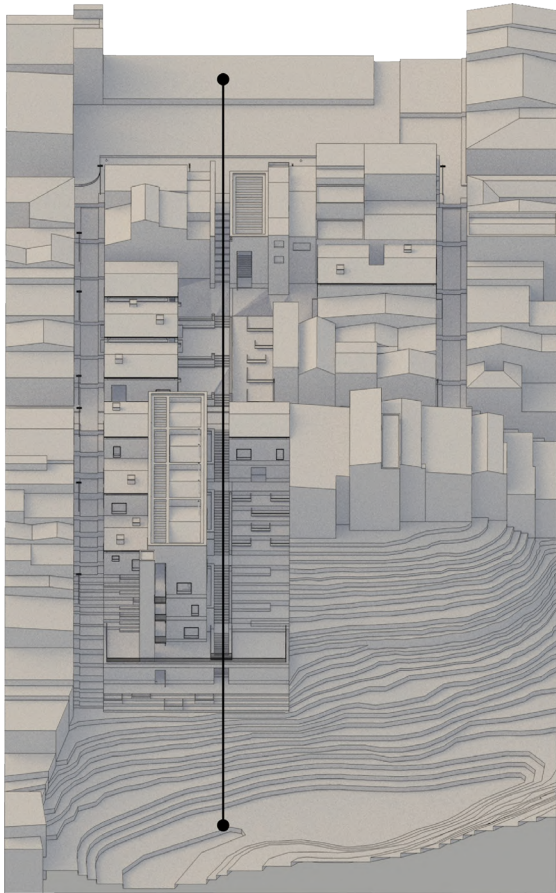


Roofs



Program

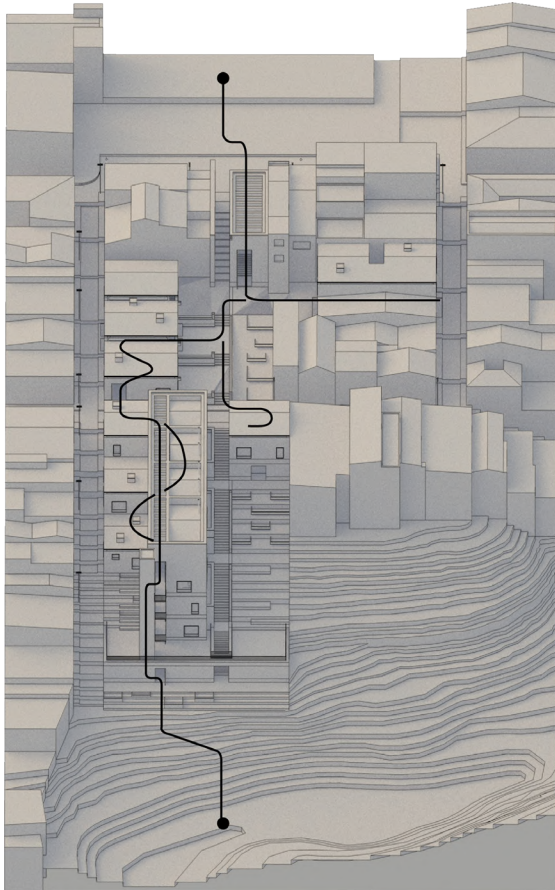




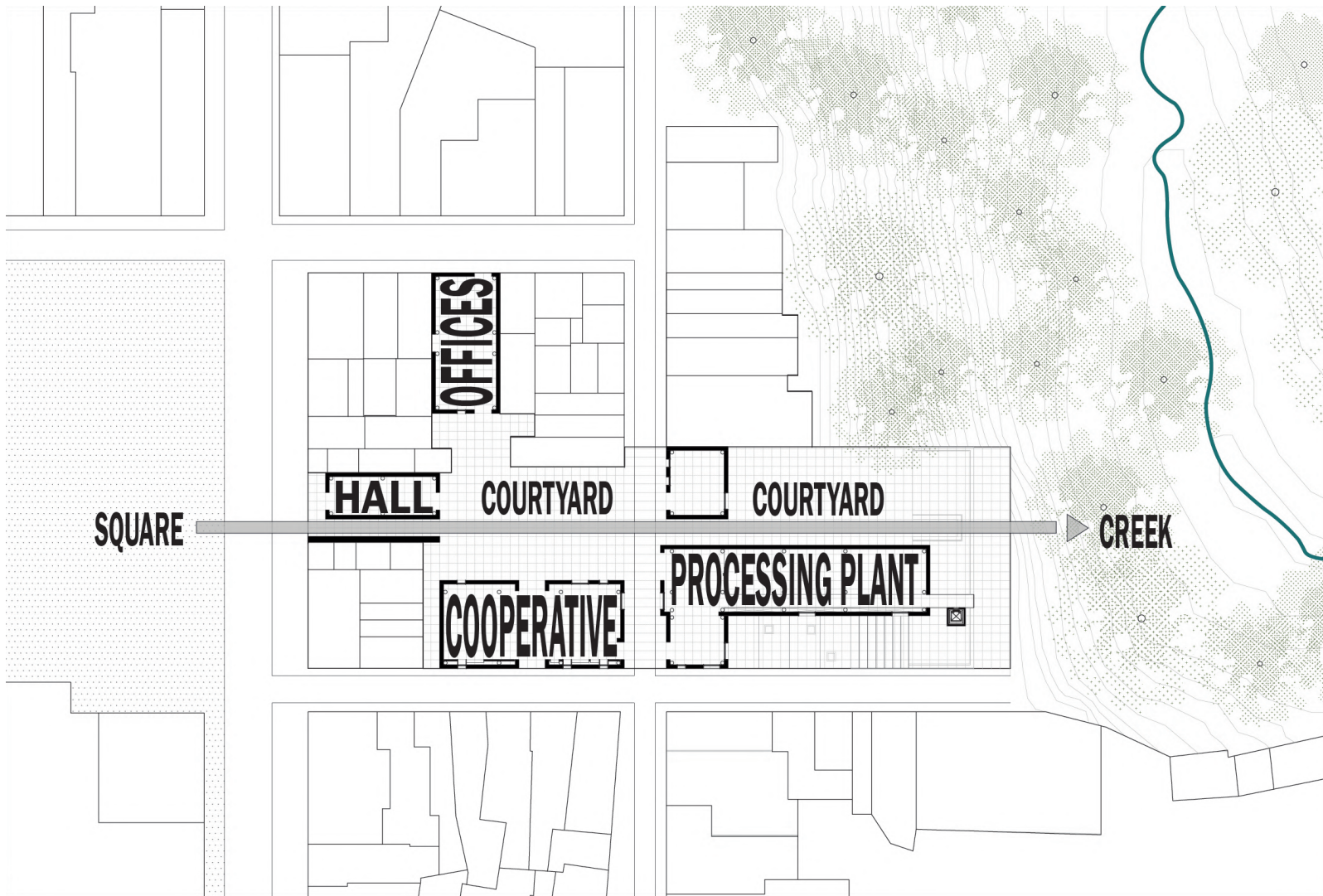
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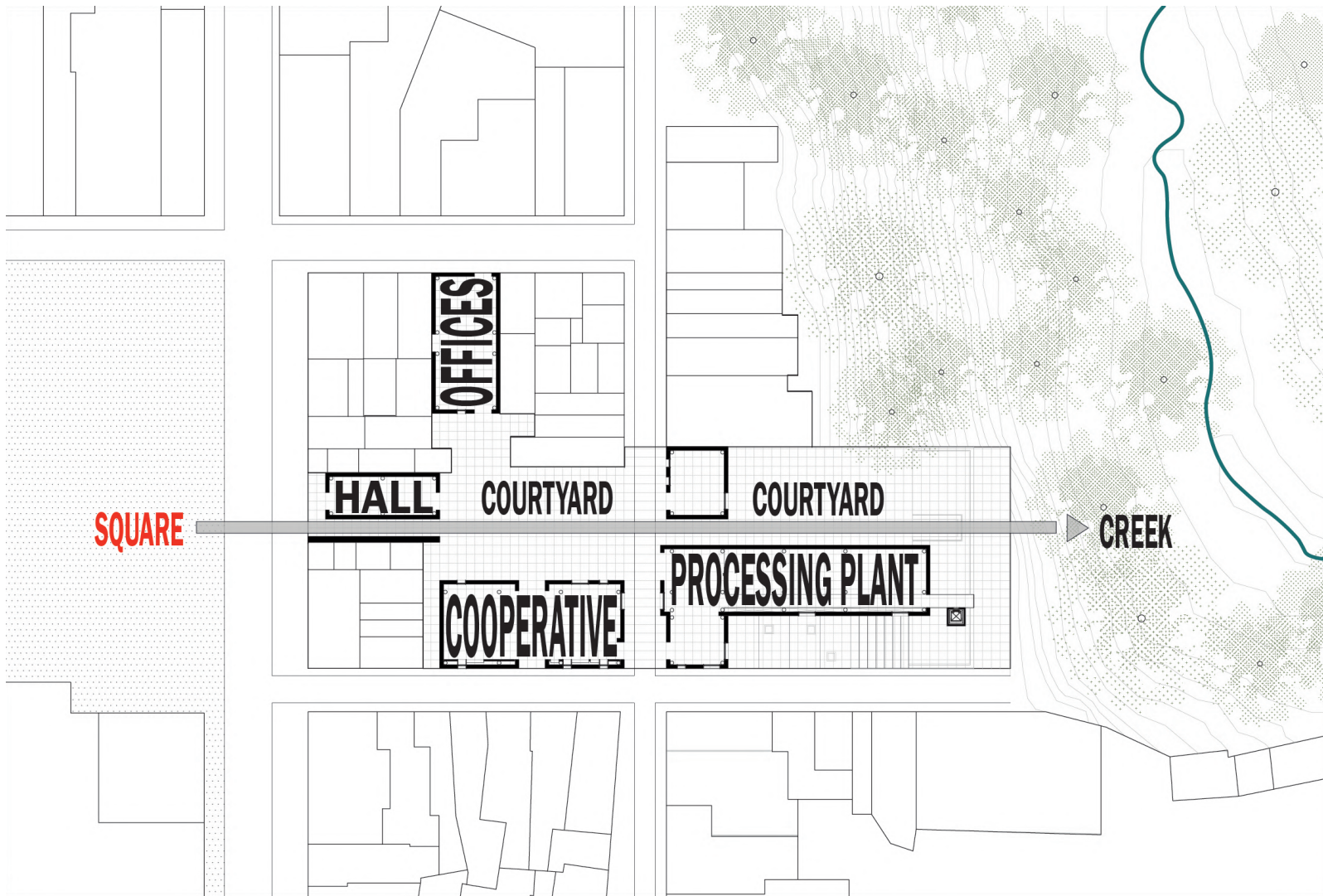


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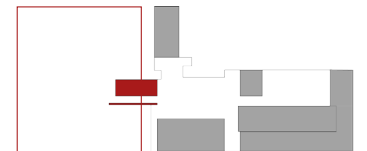




*The Narrative: The Square as the Beginning*



*The square*  
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*The Infill and the Structuring Grid: 1.20 x 1.20*





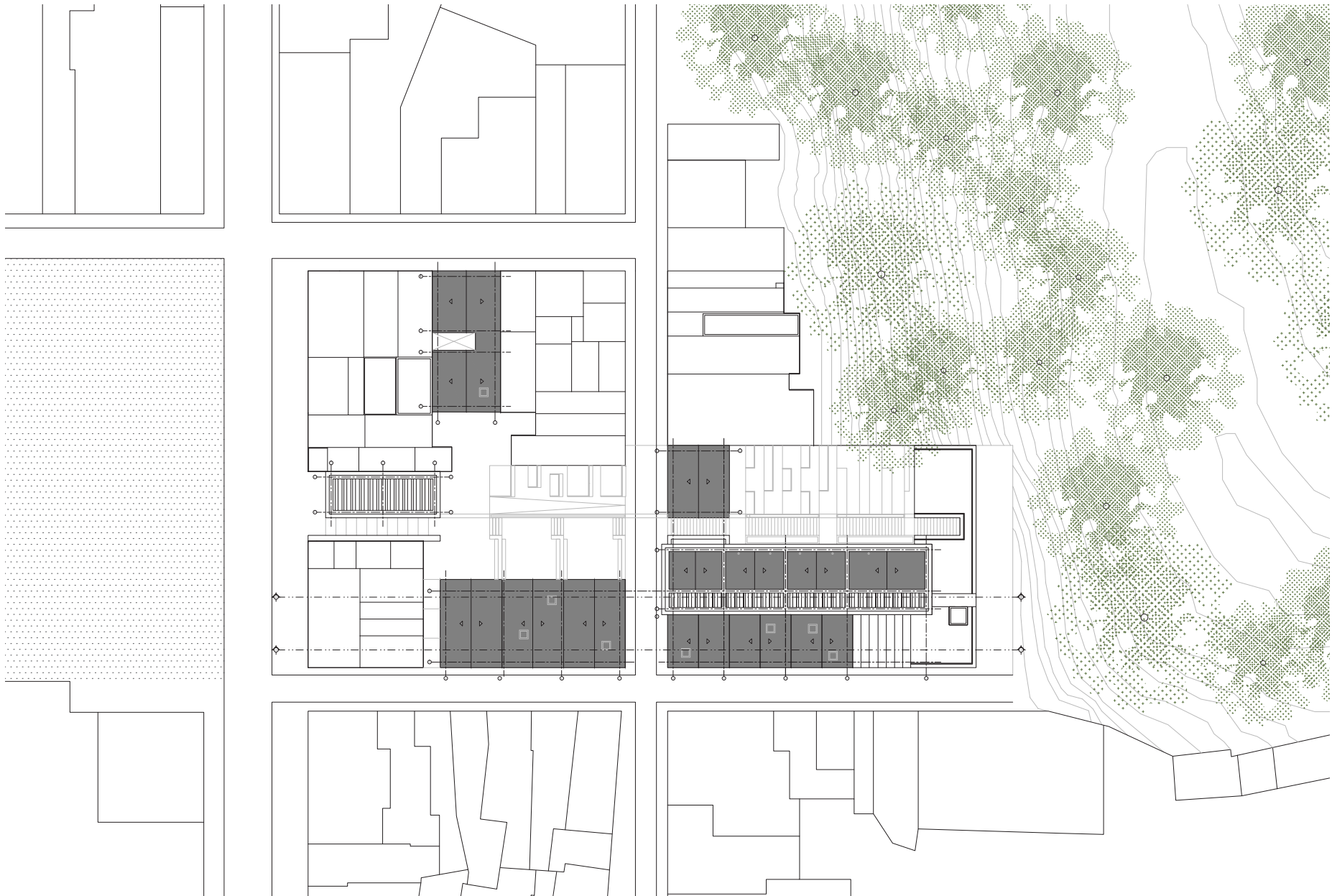
*The Entrance*  
58/120





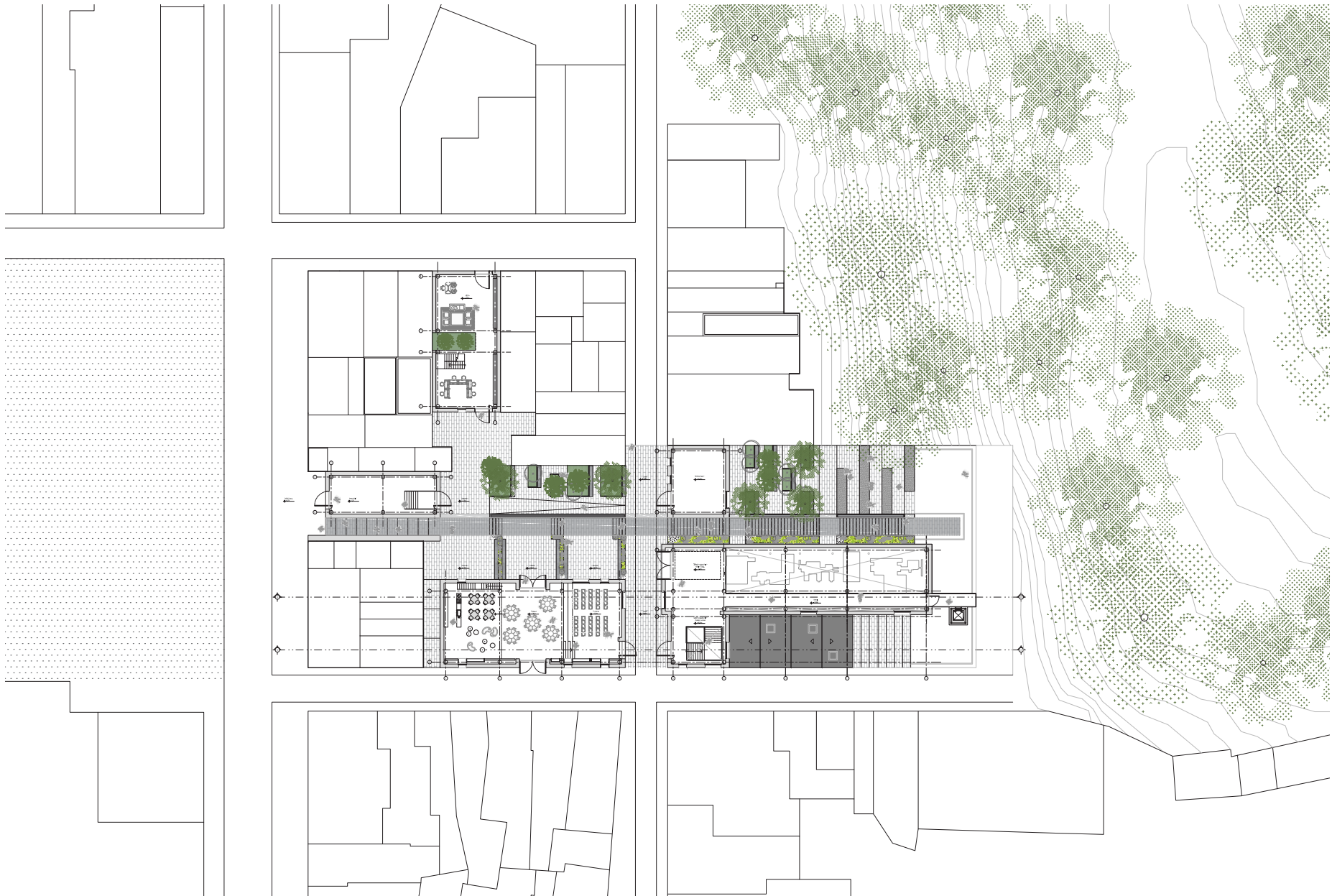
*The Street*  
59/120





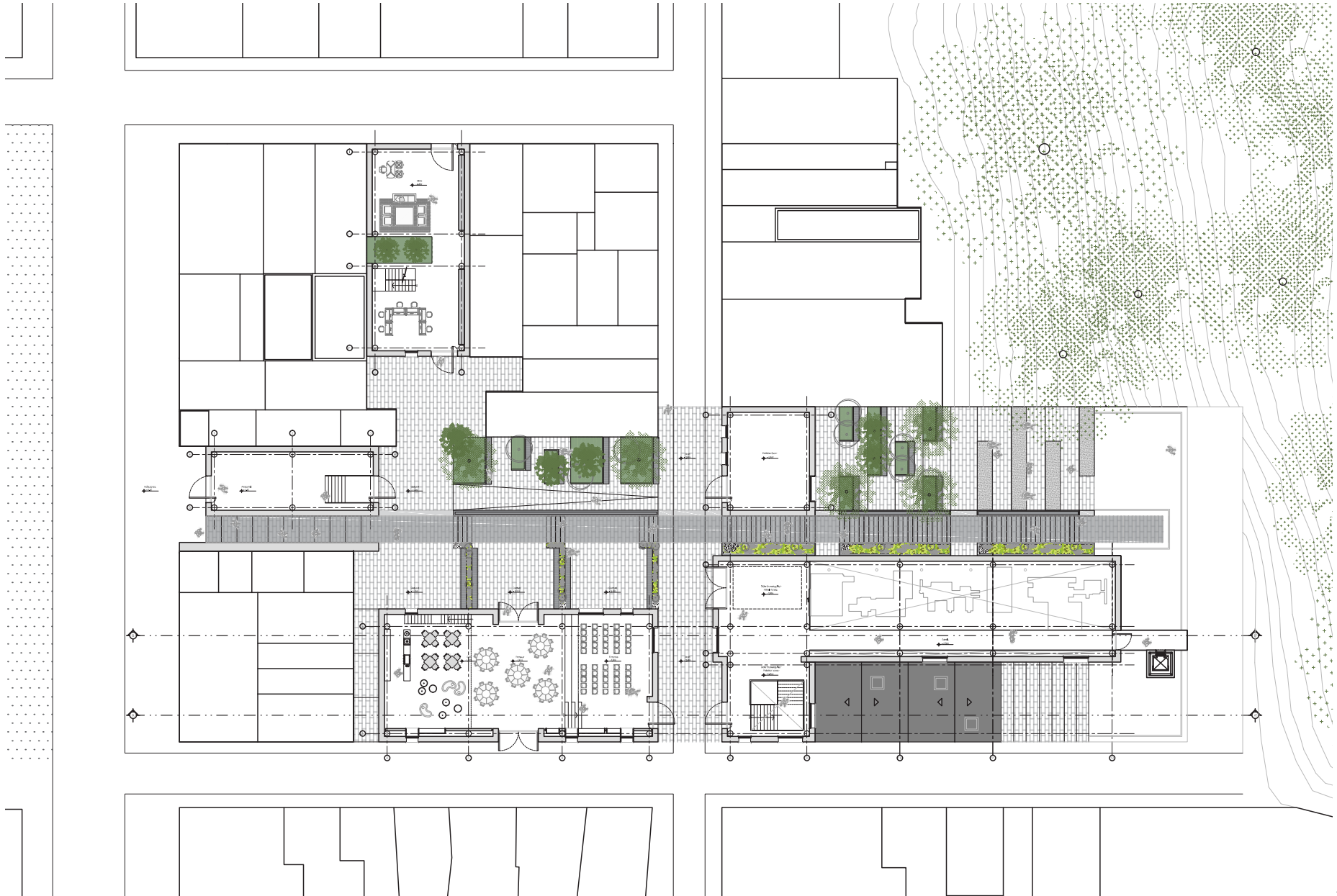
*Rooftop Plan*  
60/120





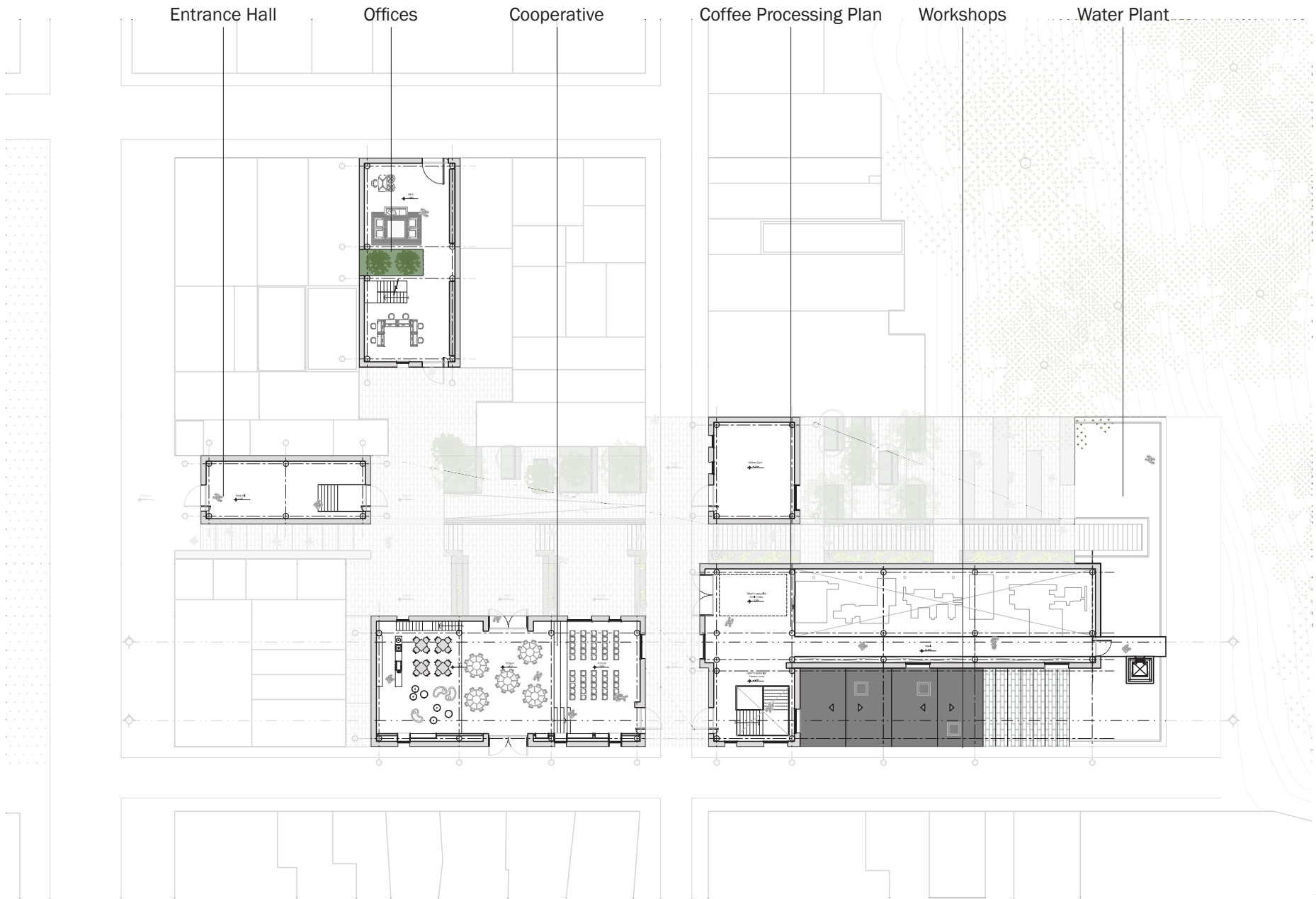
*Main Floor Plan*



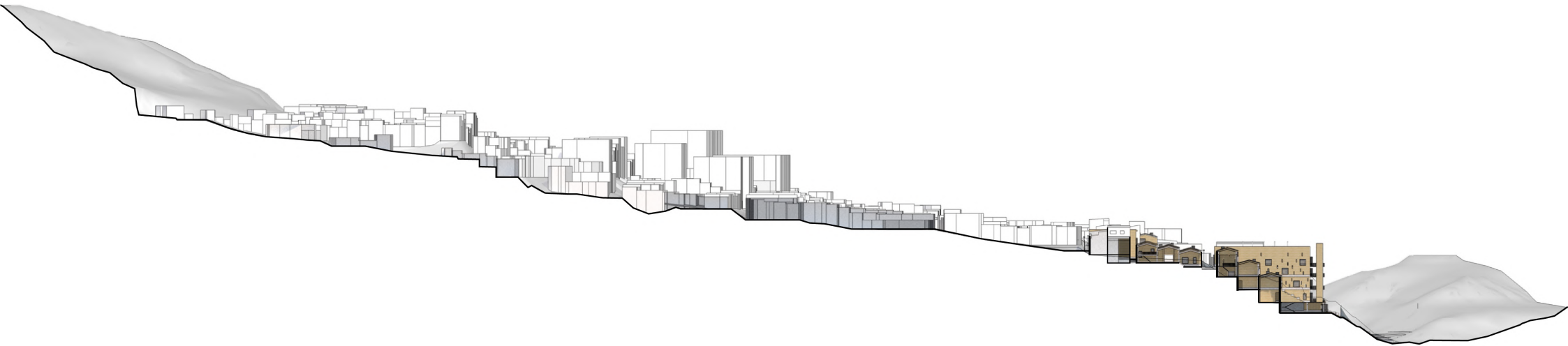


*Main Floor Plan*





*Programmatic Distribution*

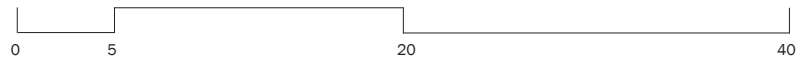


*Longitudinal Section*  
64/120



Square

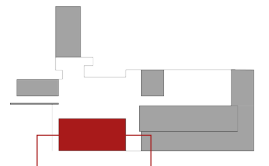
Creek



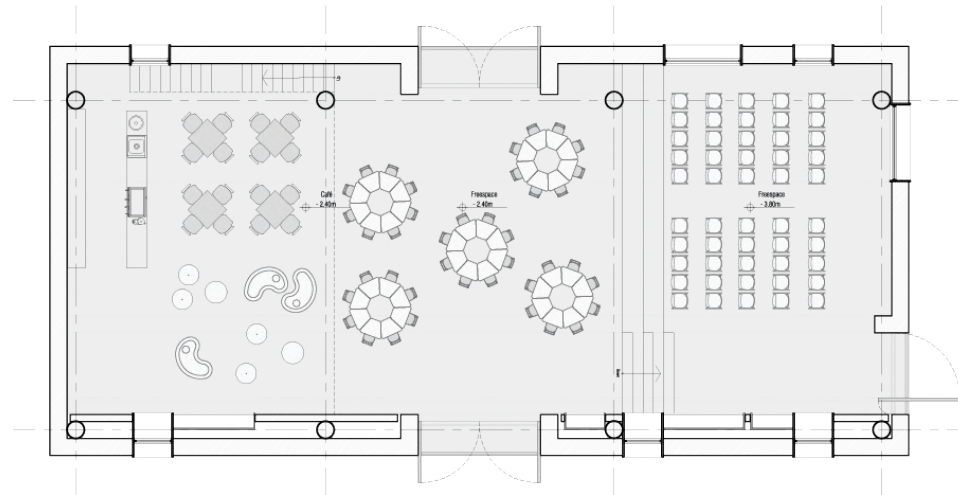
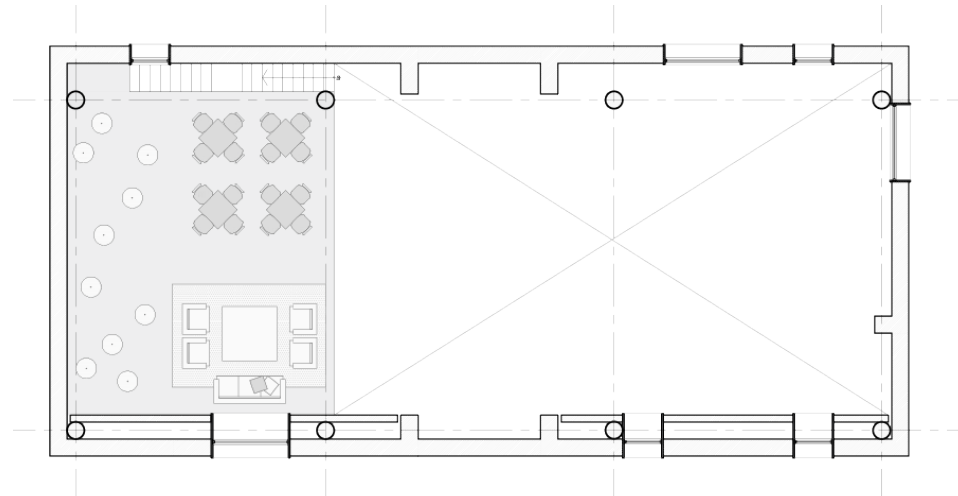
*Longitudinal Section*  
*65/120*



*Dialogue with the Context*  
66/120

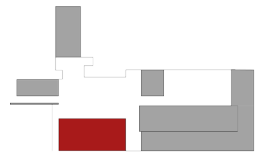




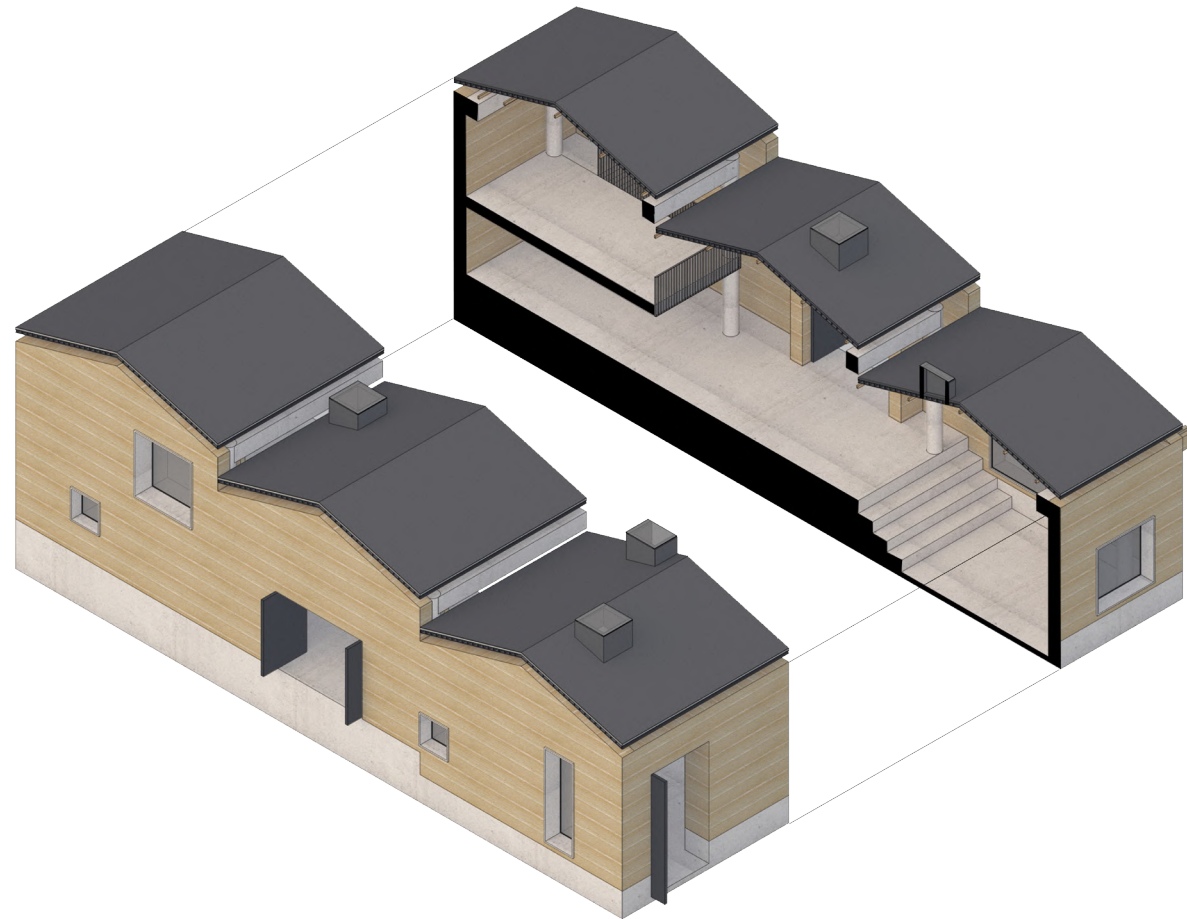


*The Cooperative and the notion of Freespace*

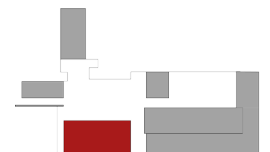
68/120

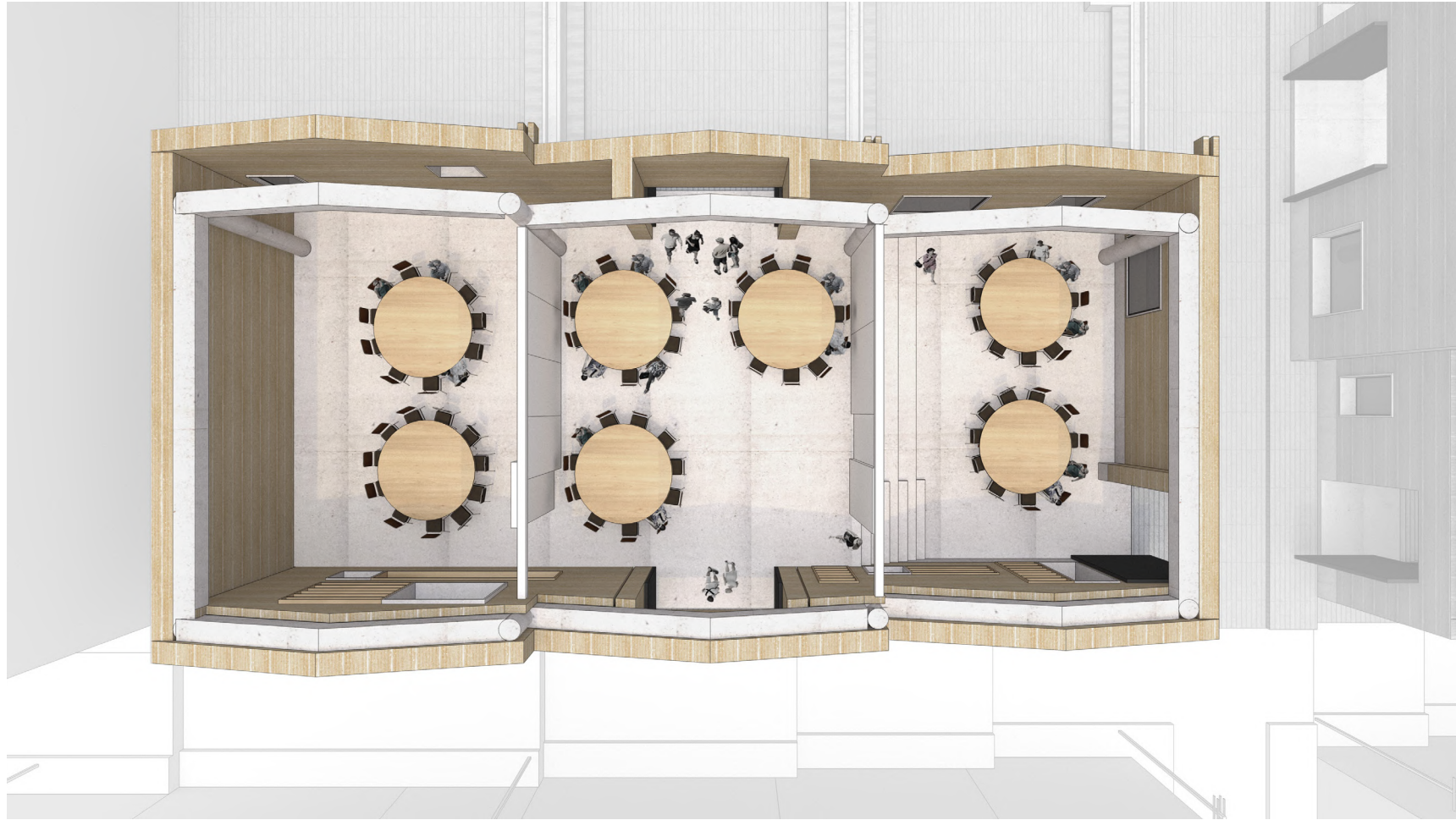


The complexity of the cooperative's program relies on the **intermingling of the activities**. Therefore, I introduce the concept of **freespaces**, namely the spaces for uses yet not conceived. These uses are defined by the **local and cultural connections**, rather than solely by geometrical schemes.

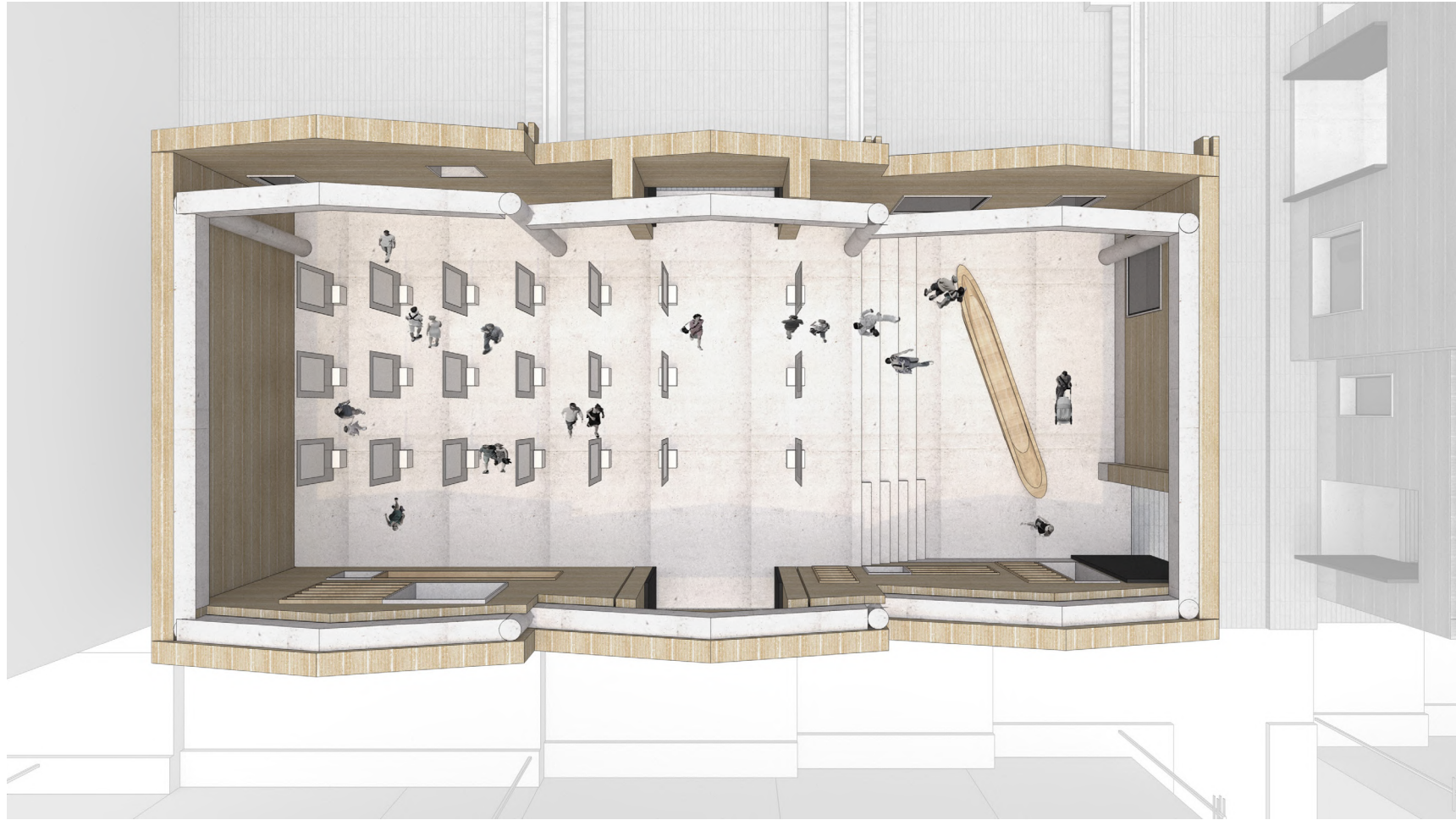


*The Cooperative / Freespace*  
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*Spatial Adaptability: A Meeting Space*



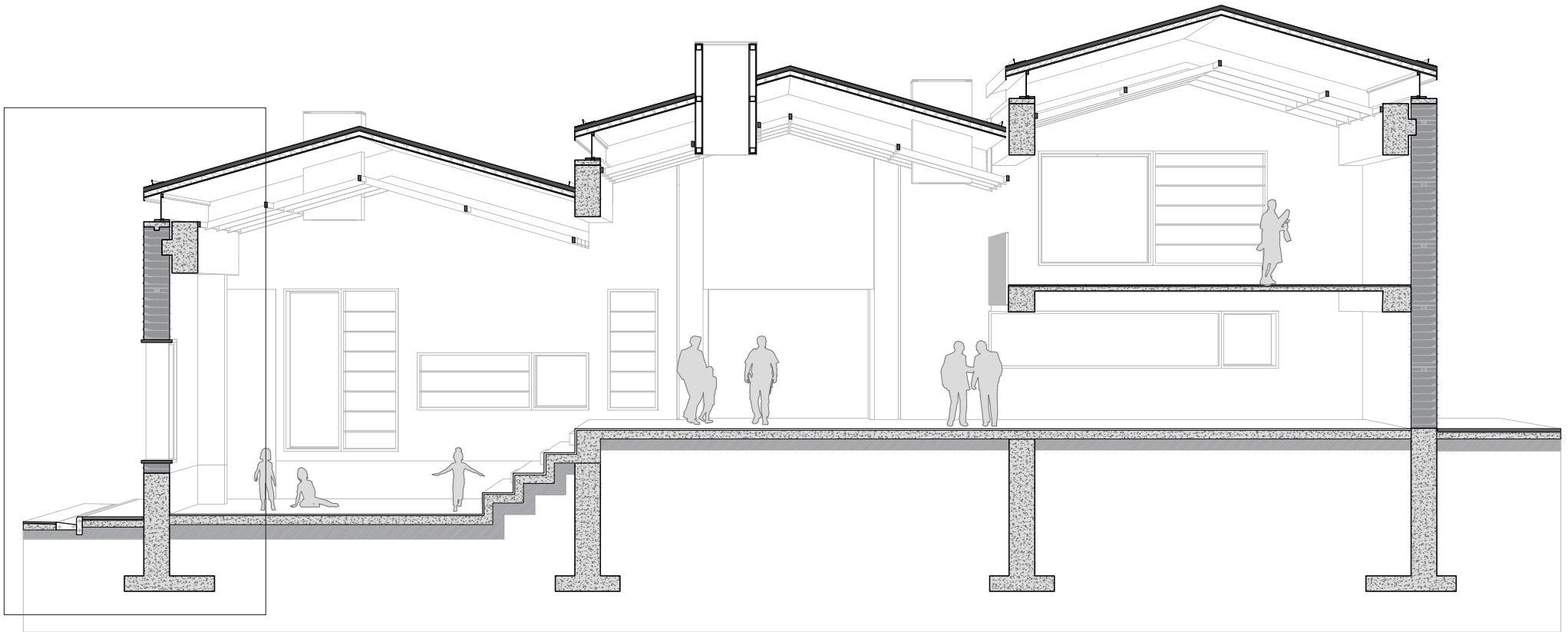
*Spatial Adaptability: A Museum*

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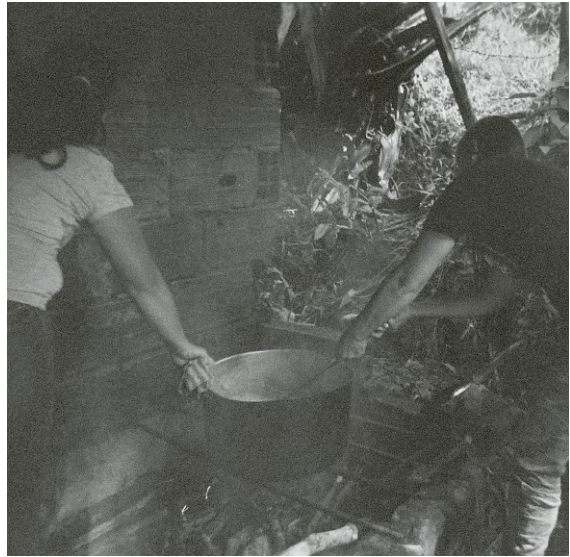


*Spatial Adaptability: A Cafe*  
72/120



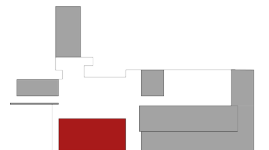


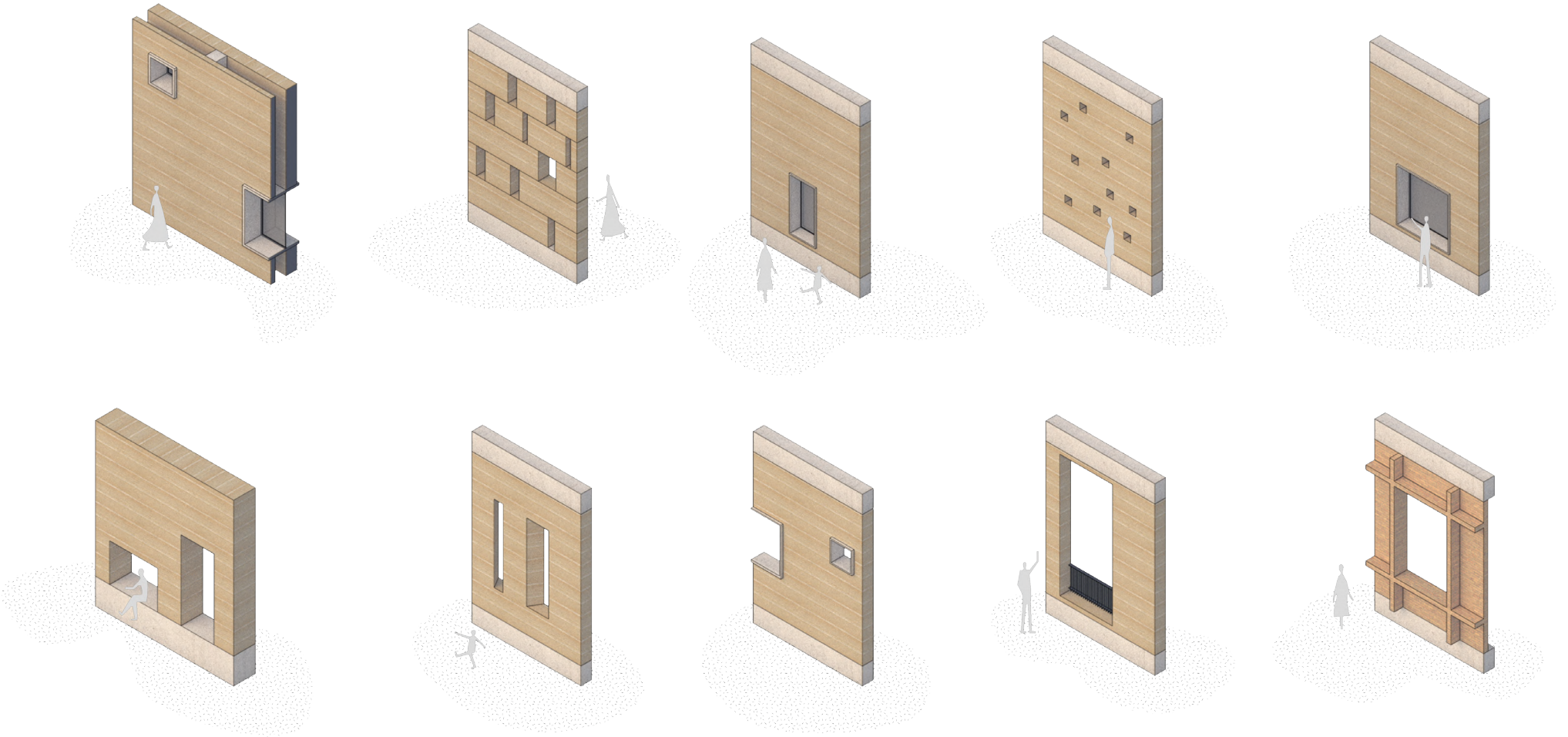
*Cooperative Section*  
73/120

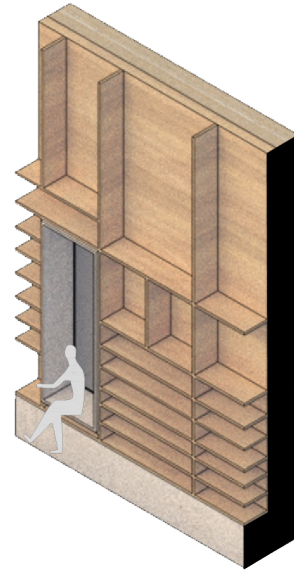
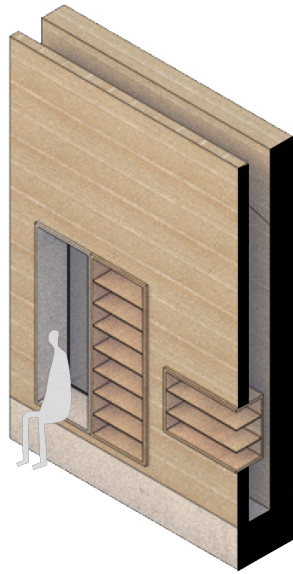




*To Afford Different Interactions with Space*  
75/120





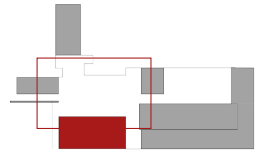


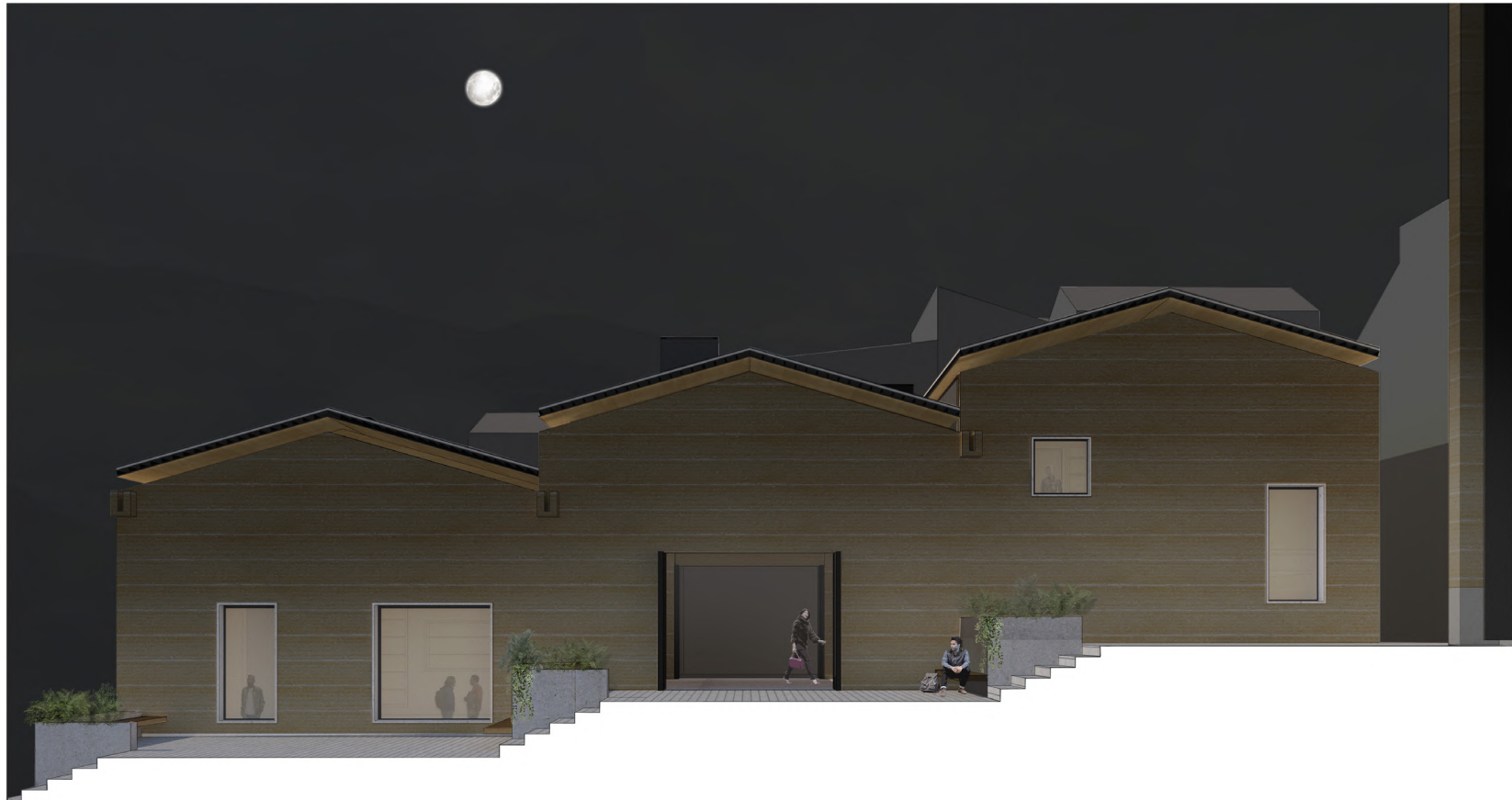
*Catalogue of Affordances (Explorations)*

77/120

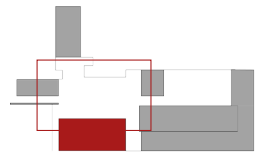


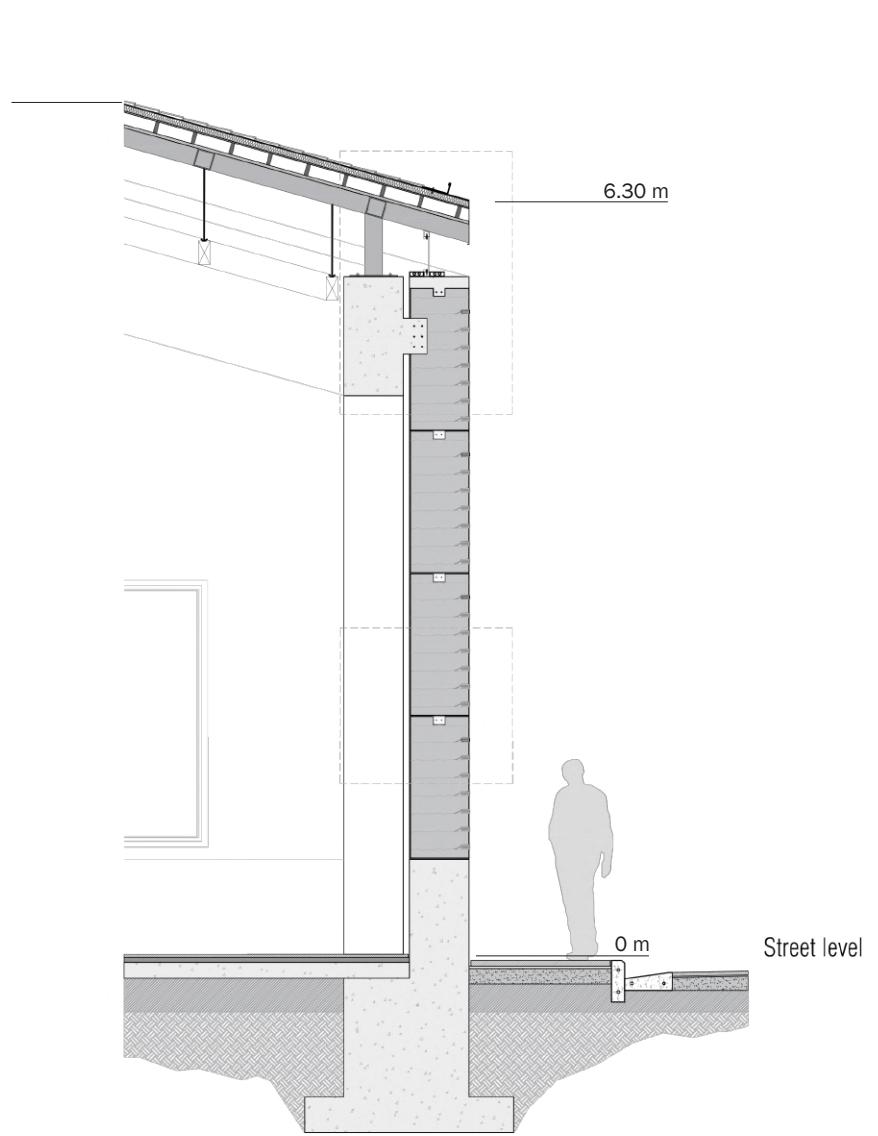
*The Collective*  
78/120



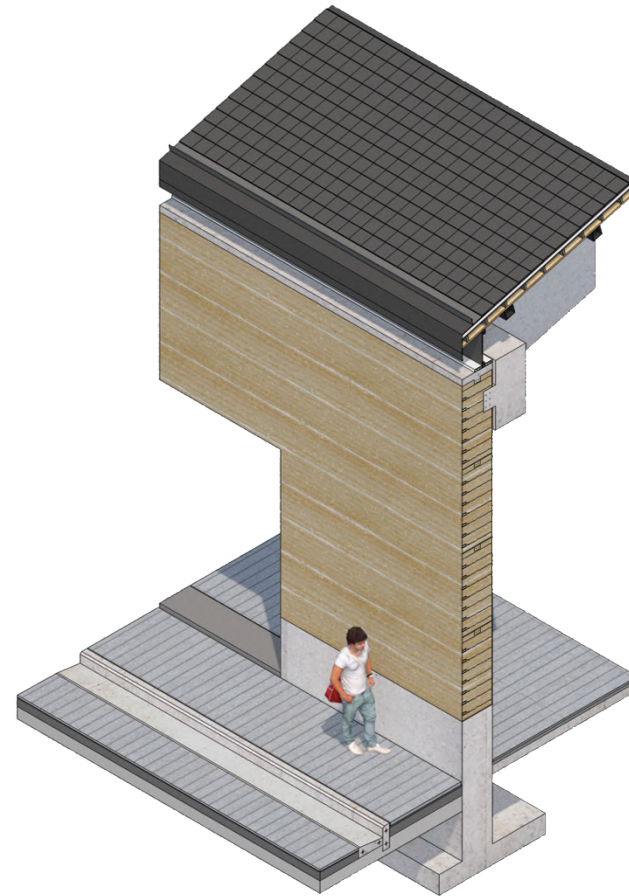
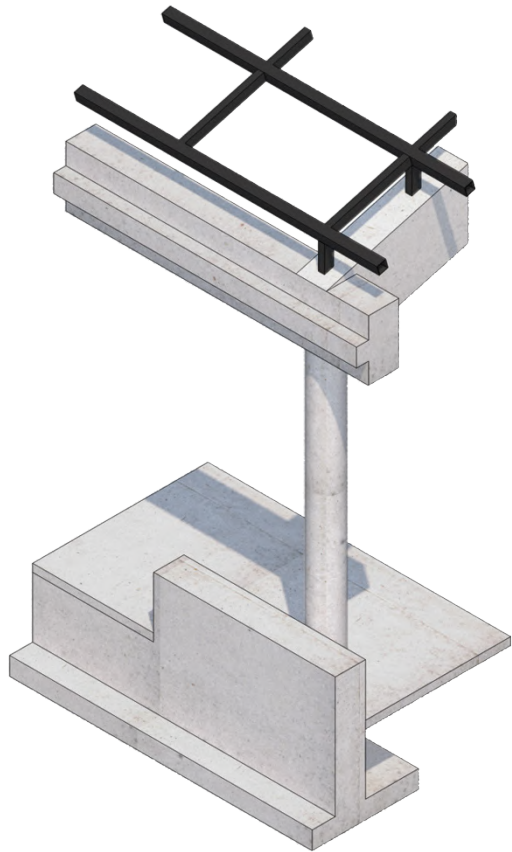


*The Daily Cycles*  
79/120

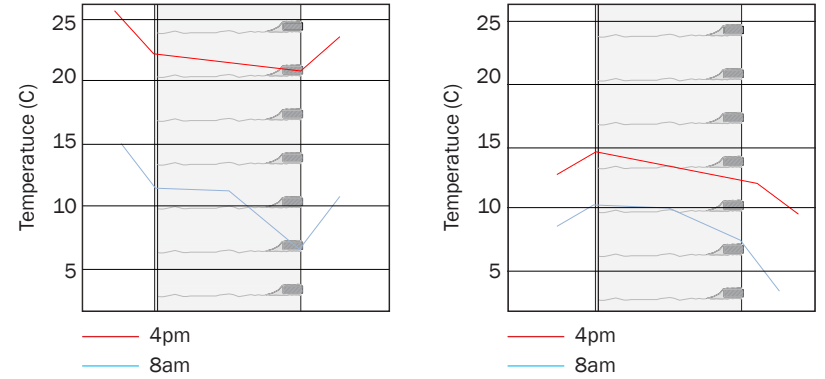
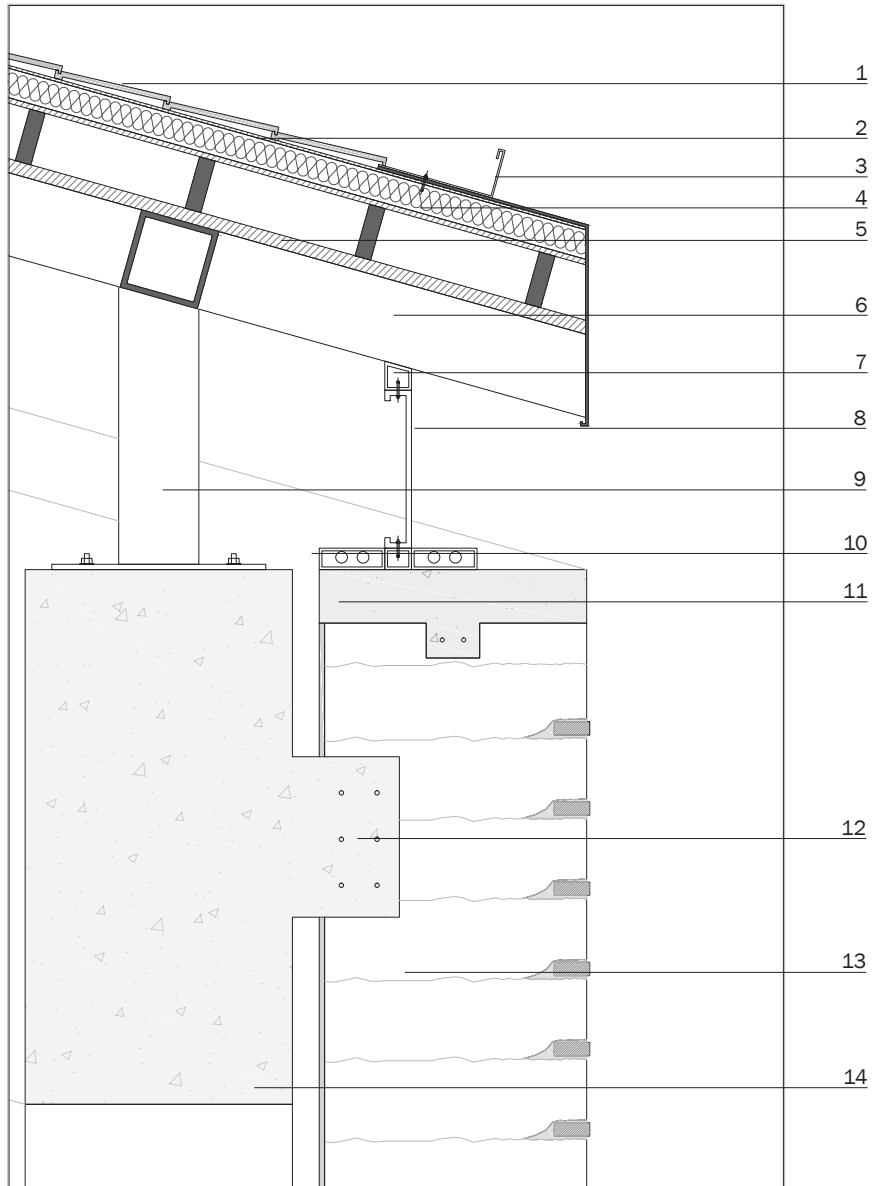








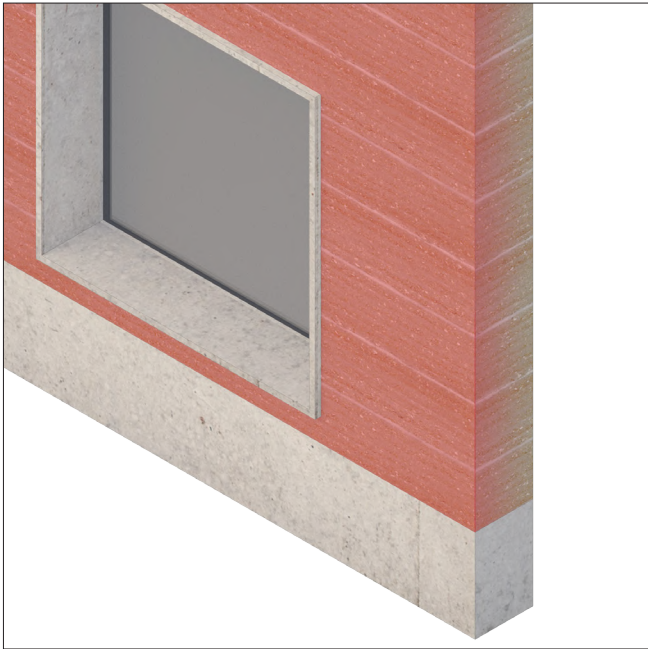
*The Structure and the Facade*  
81/120



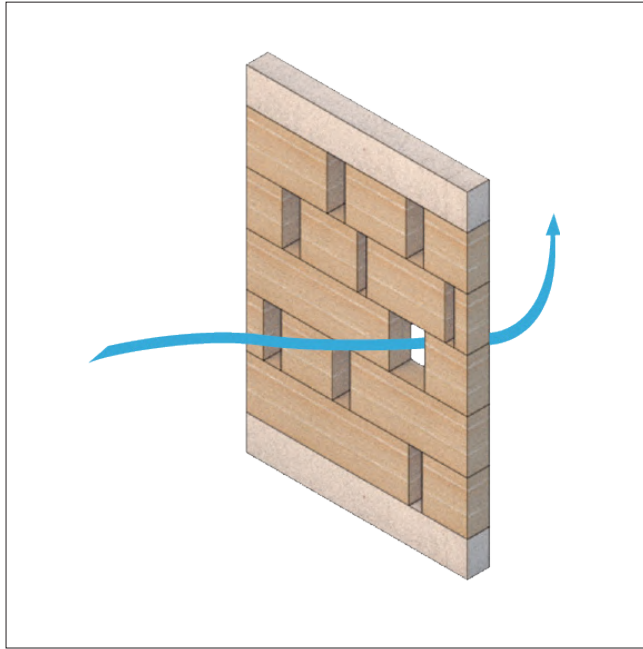
Data from: Rammed Earth Walls: Material characterization and thermal behaviour

1. Slate roof tile 34x22x1 cms
2. Polyester waterproof layer 4 mm
3. Cold-rolled metallic gutter
4. Glass fiber soft thermal insulation
5. Pinewood ceiling
6. Metal beam
7. Aluminum profile
8. Aluminum composite panel
9. Metal roofing structure
10. LED lighting
11. Concrete wall coping
12. Reinforced concrete lintel
13. Prefabricated rammed earth module 1.20 x 2.40m
14. Concrete beam

*Roof and Facade Components*



Rammed Earth: Climate Capacity



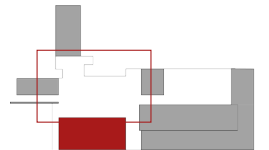
Ventilation



Courtyard Climate

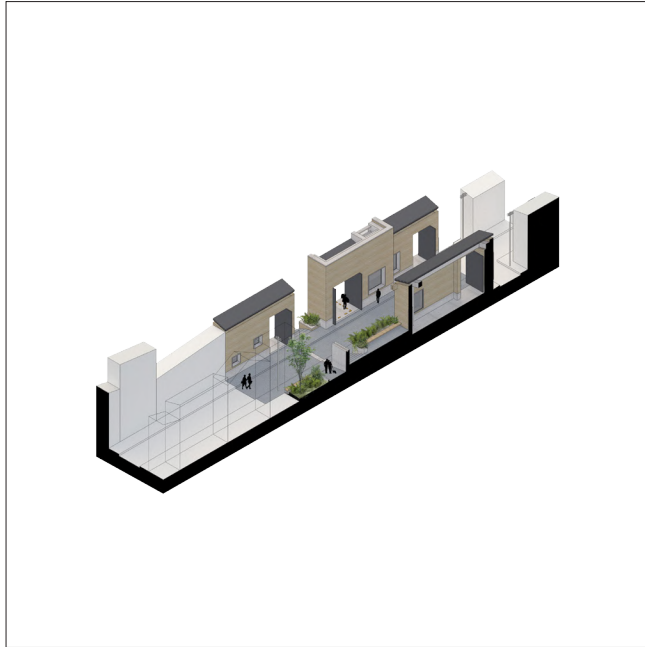


*The infill: Inside / Outside*  
84/120





Courtyard



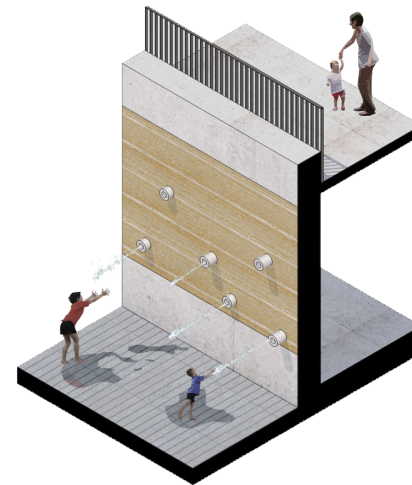
Street



Courtyard



*Courtyard*  
86/120



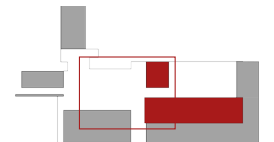


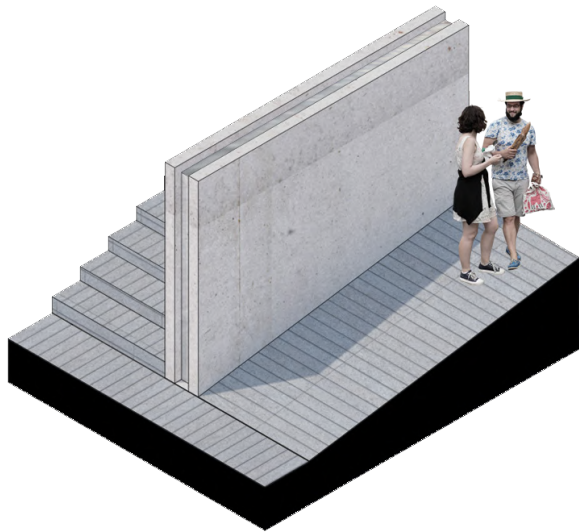
*Material Palette*  
88/120

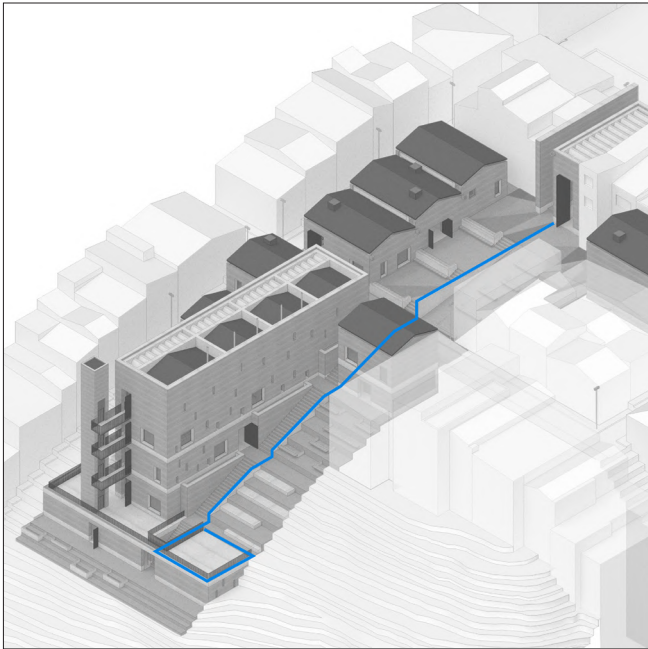




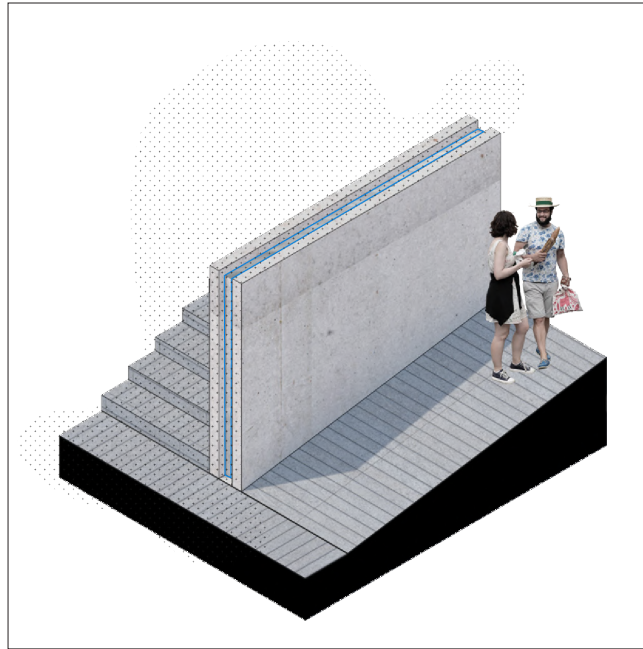
*The Journey*  
89/120



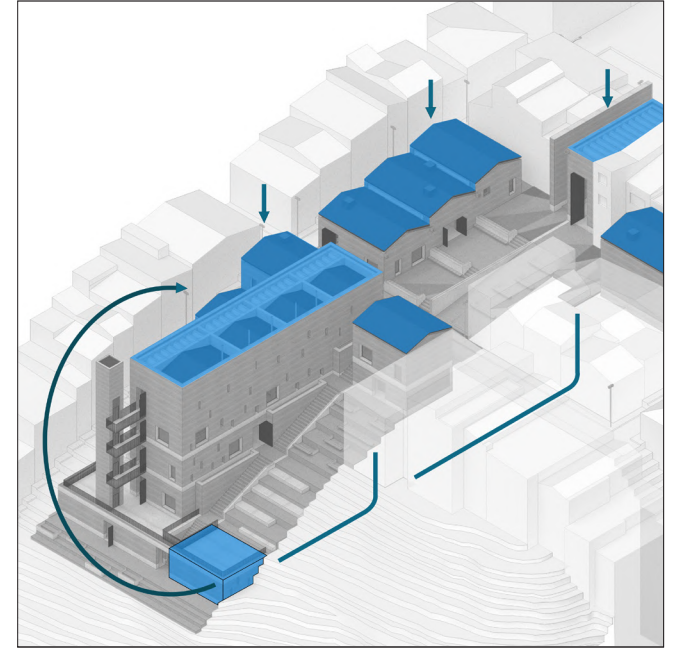




Backbone



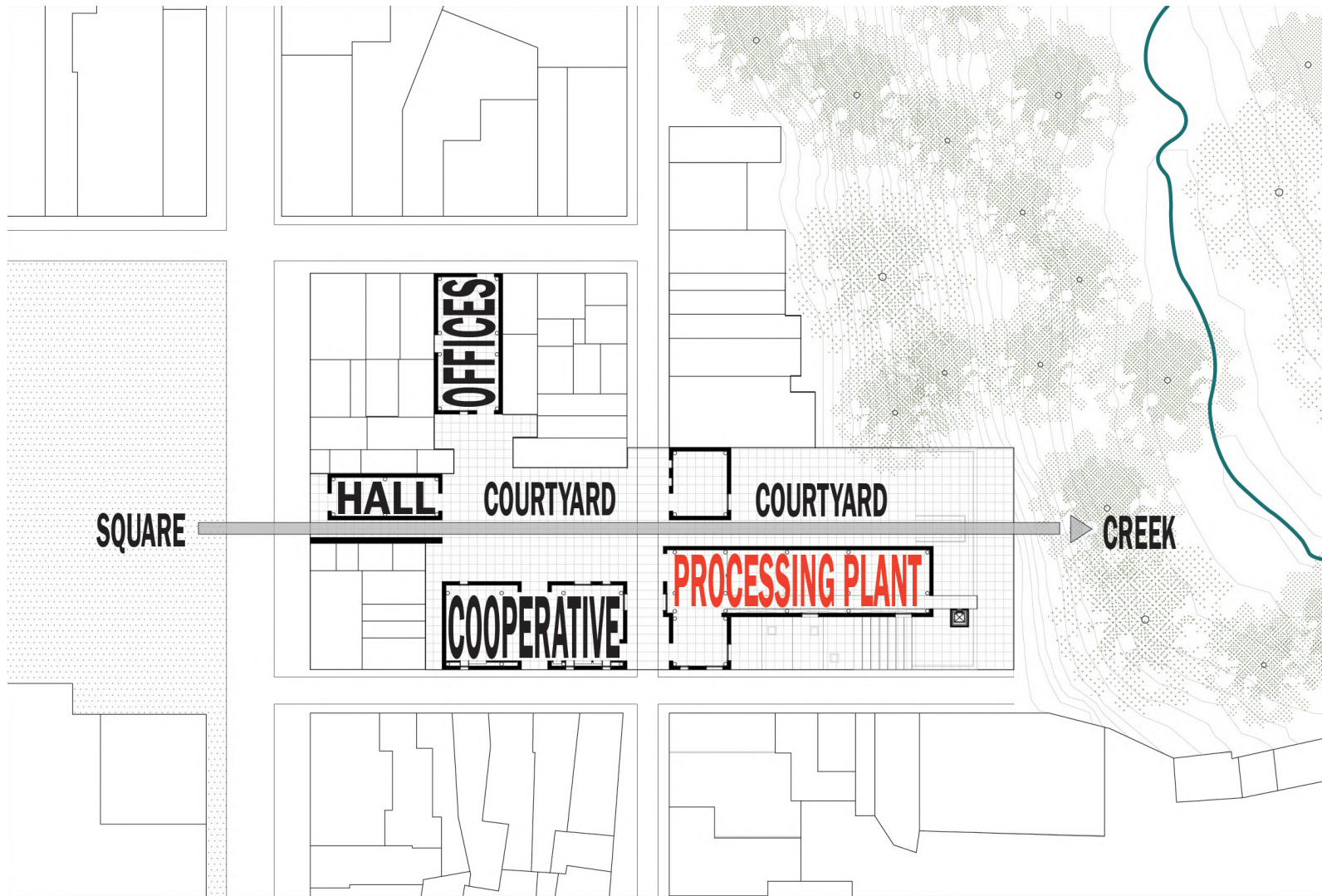
Water Element



Water Cycle

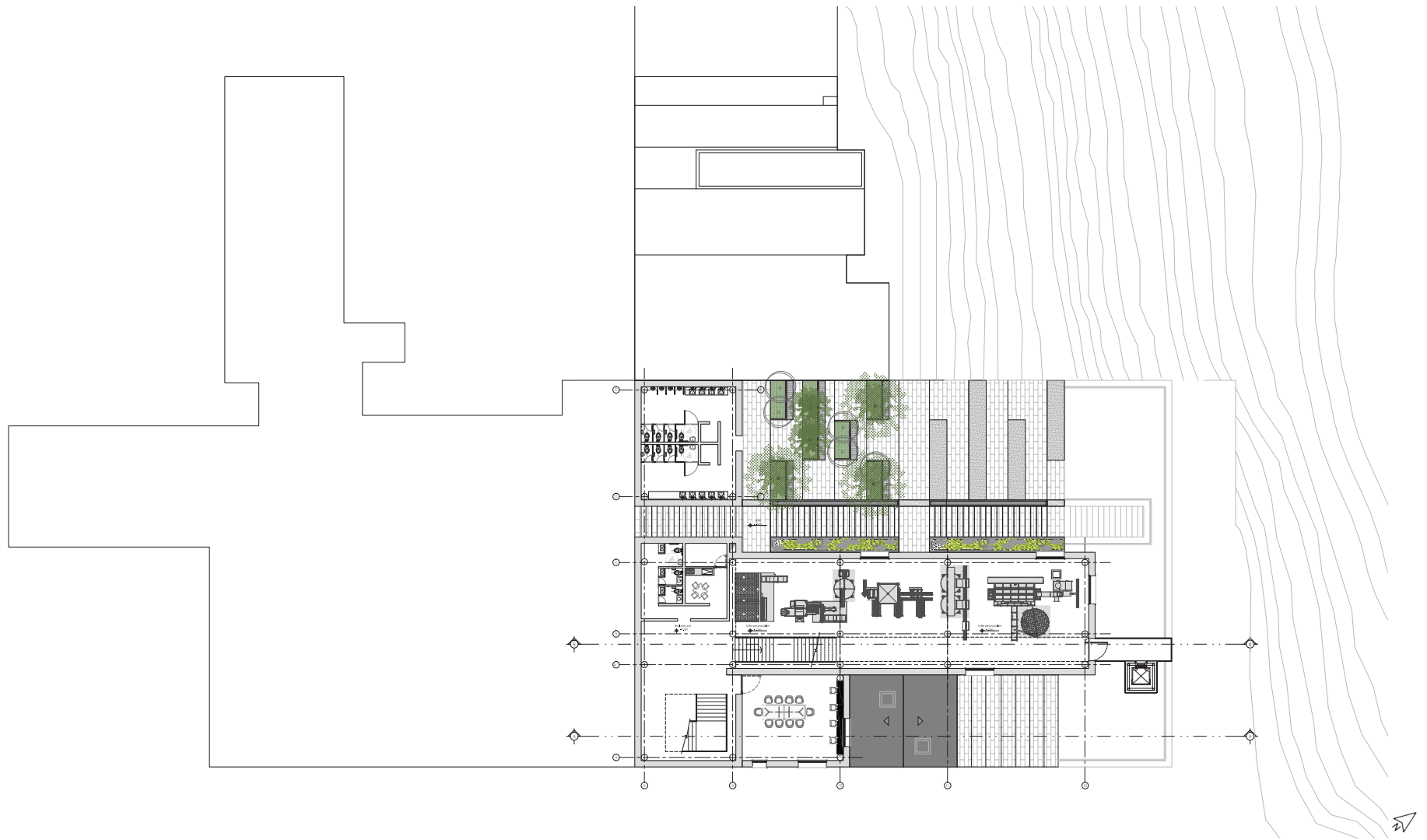


*Street*  
*92/120*

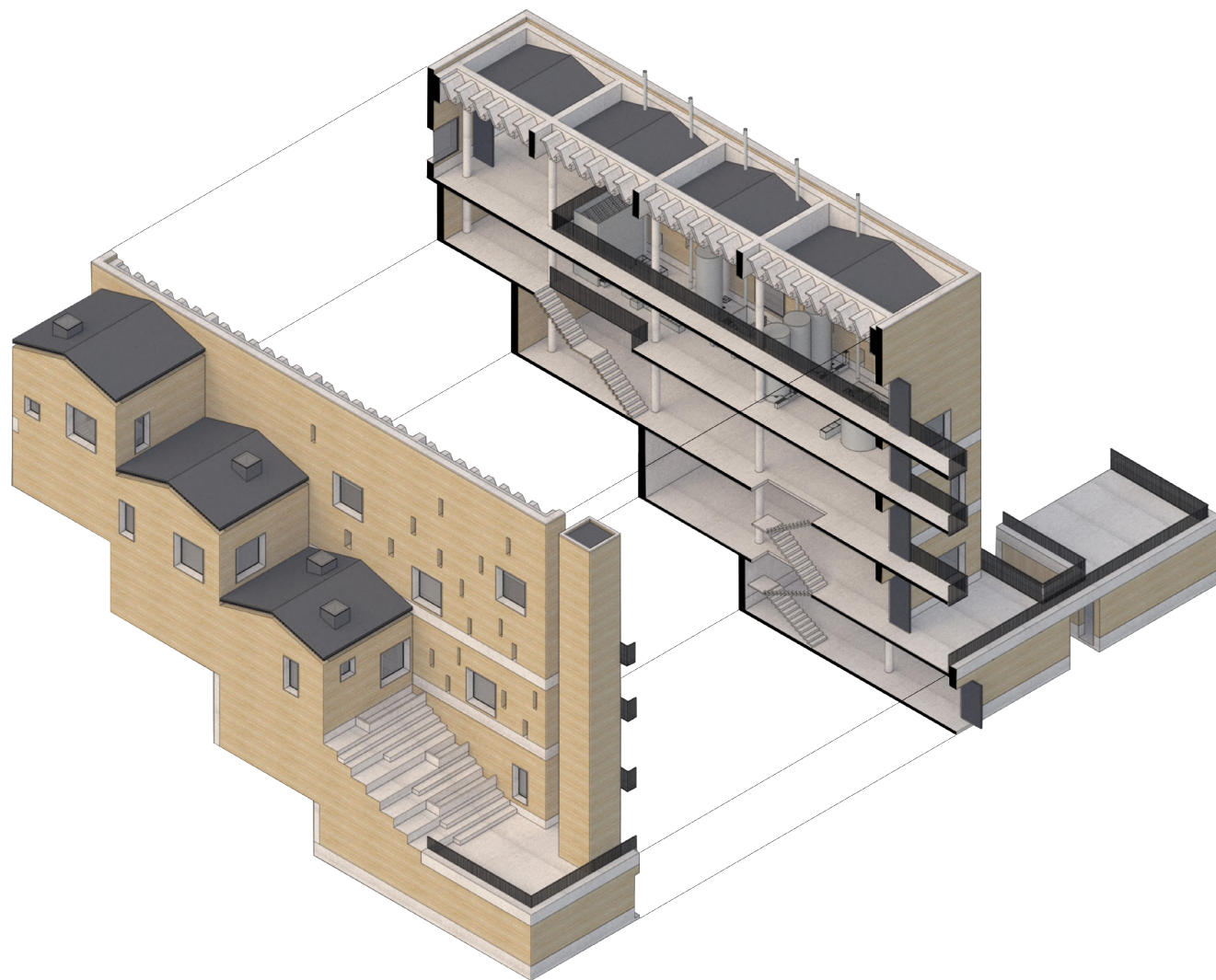


*The Narrative: The Coffee Processing Plant*

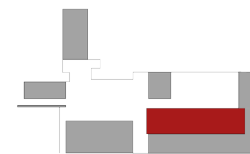
93/120



*Processing Plant Floor plan*  
94/120

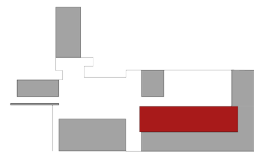


*The Coffee Processing Plant*  
95/120

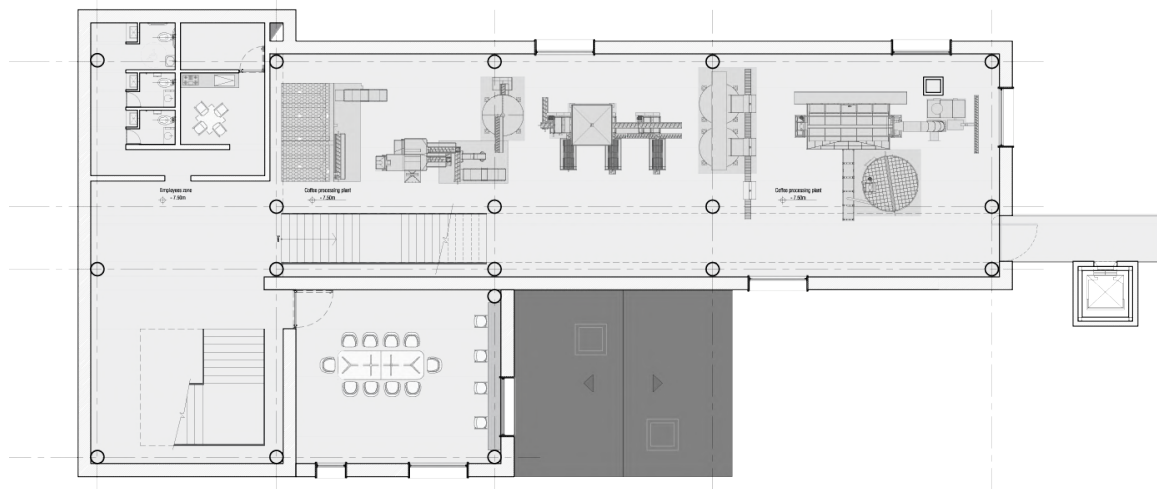
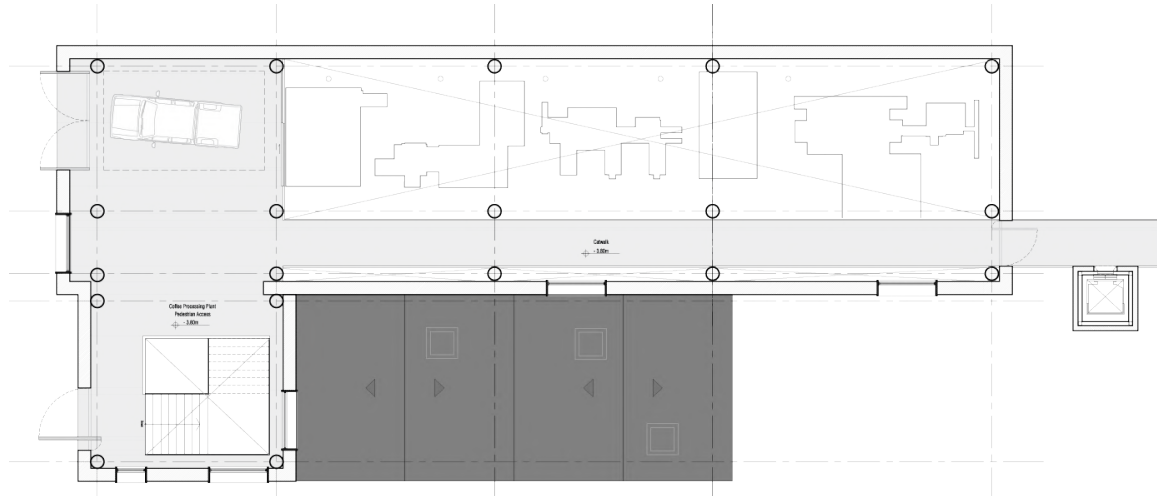




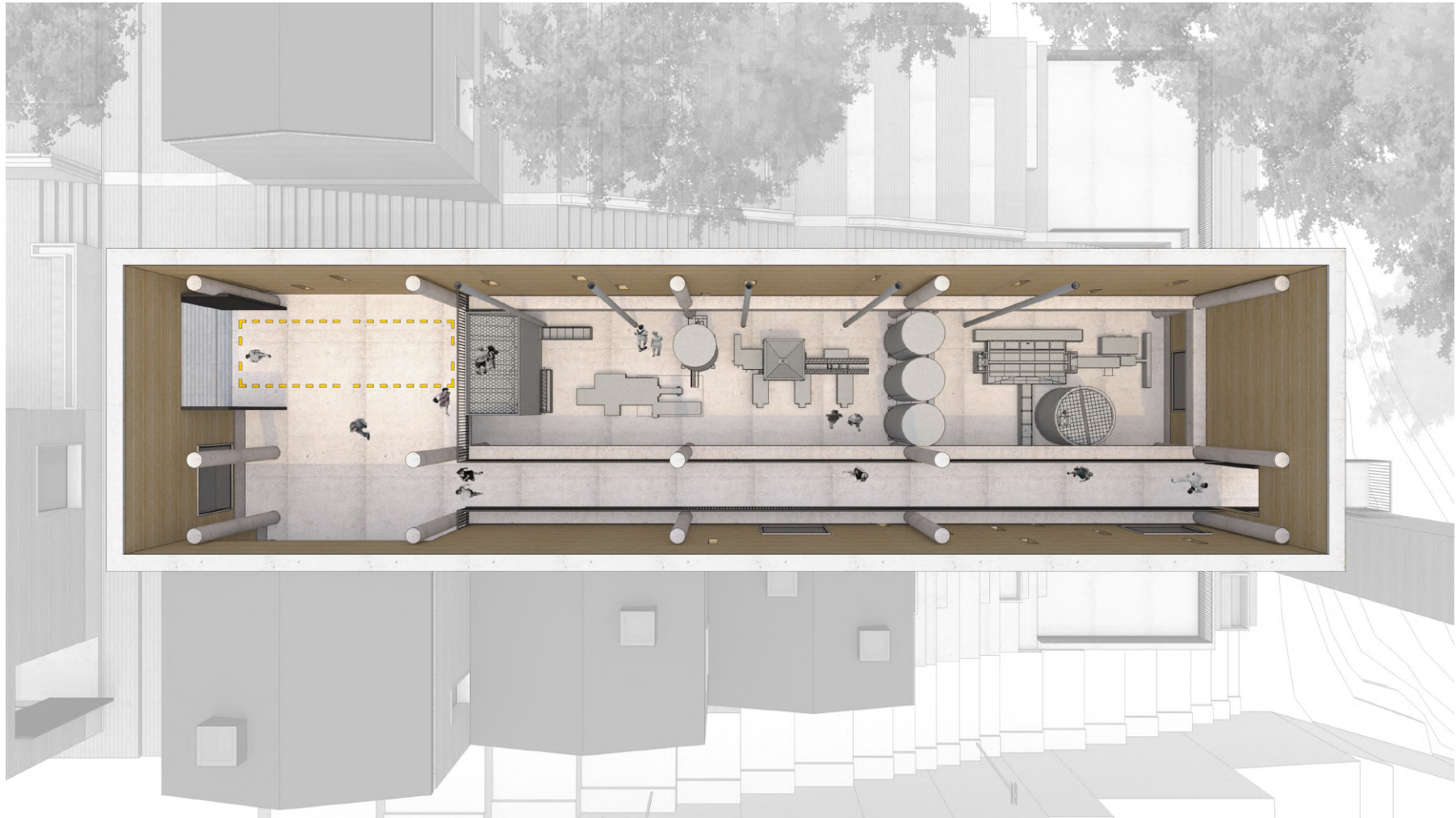
*The Performative*  
96/120



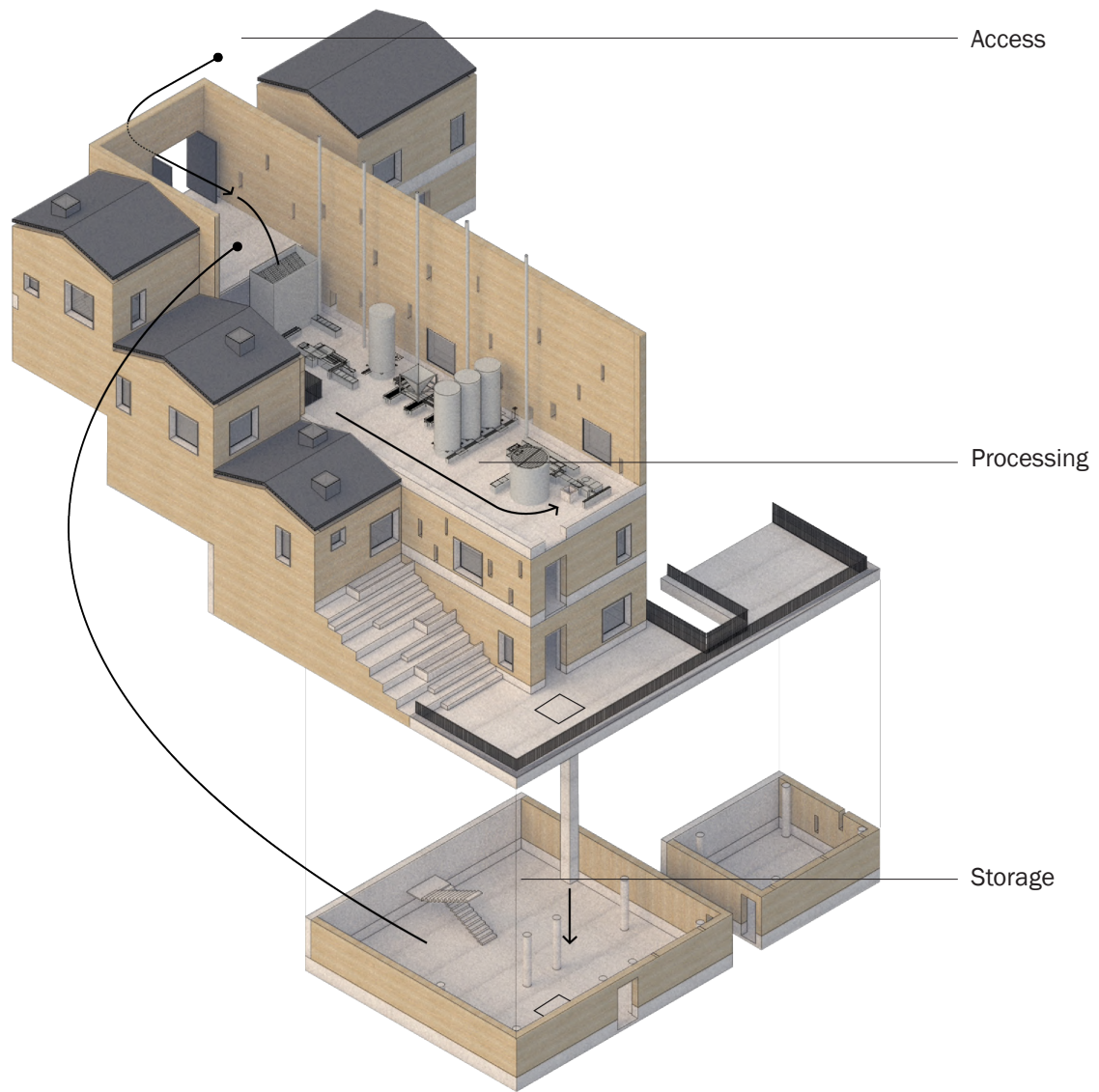


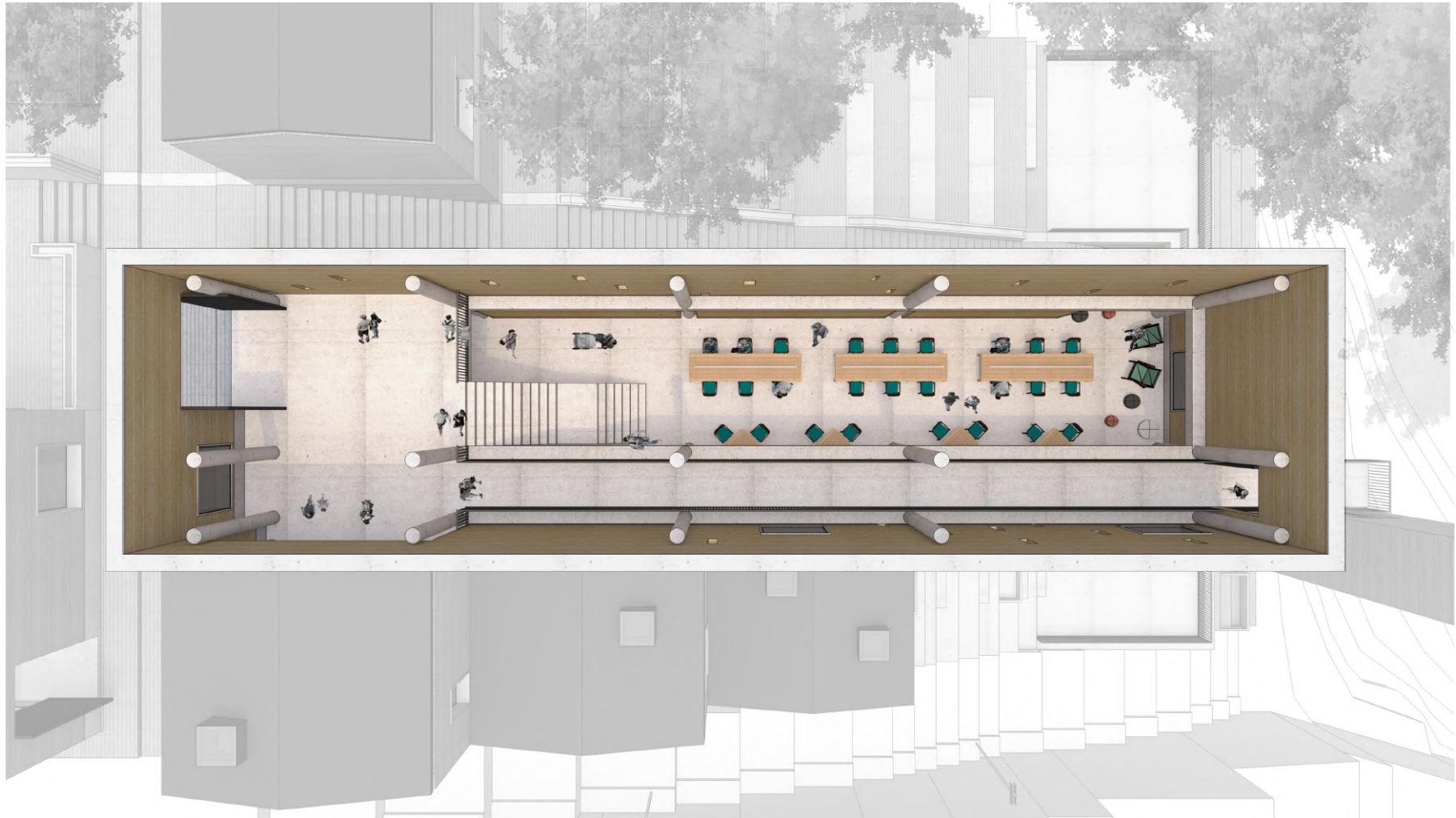


*Floor Plan*  
97/120

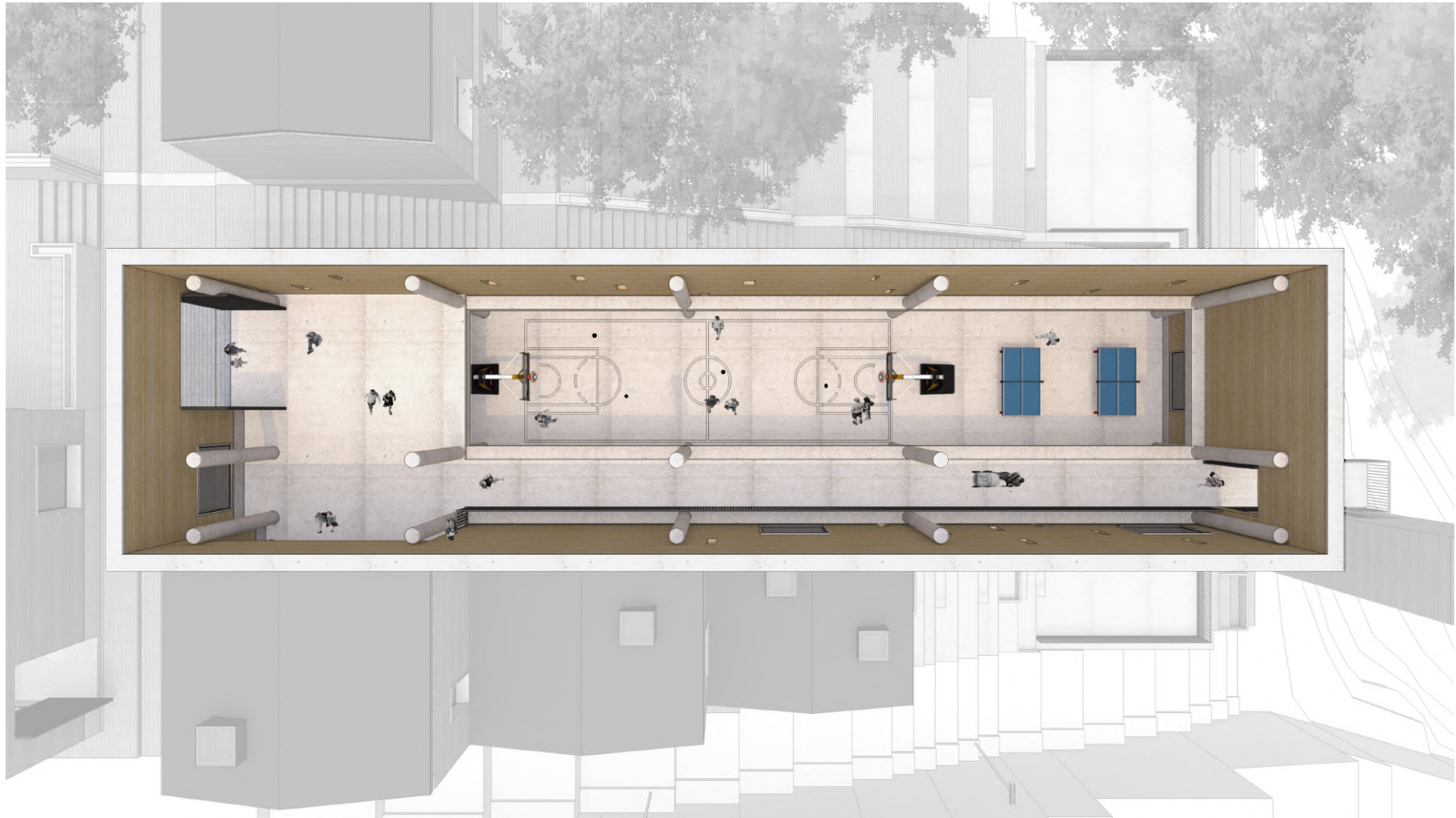


*Processing Plant*  
98/120

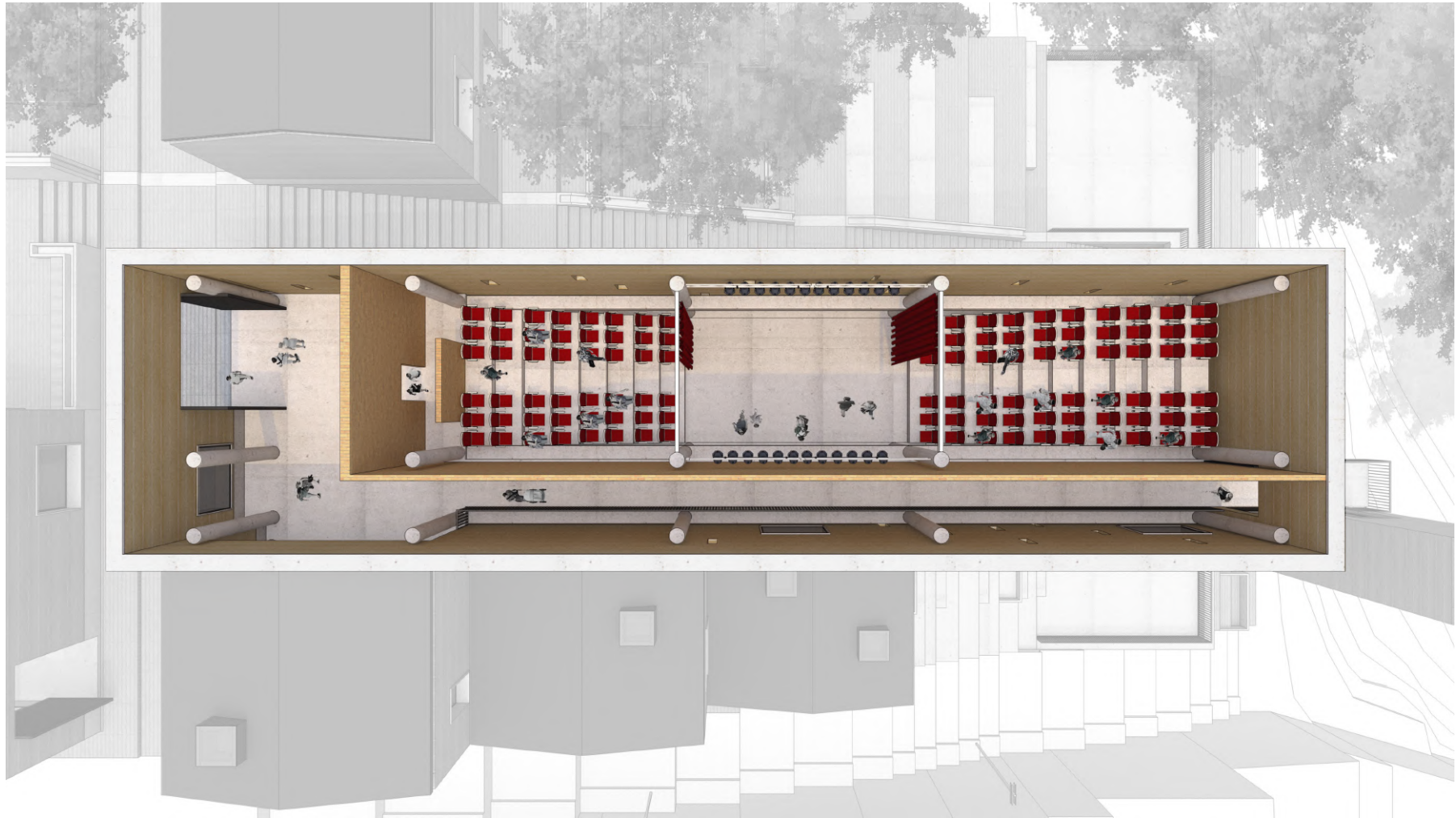




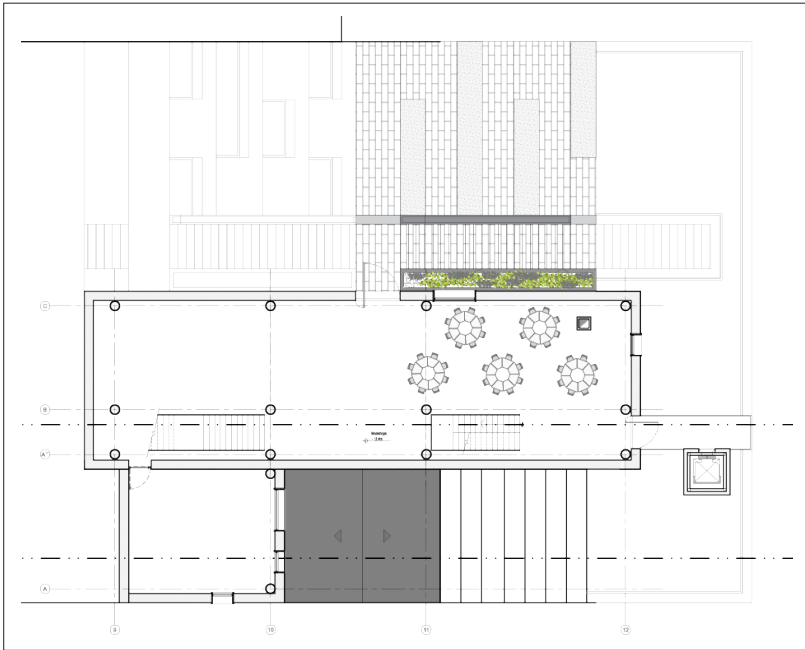
*Spatial Adaptability: A Library*  
100/120



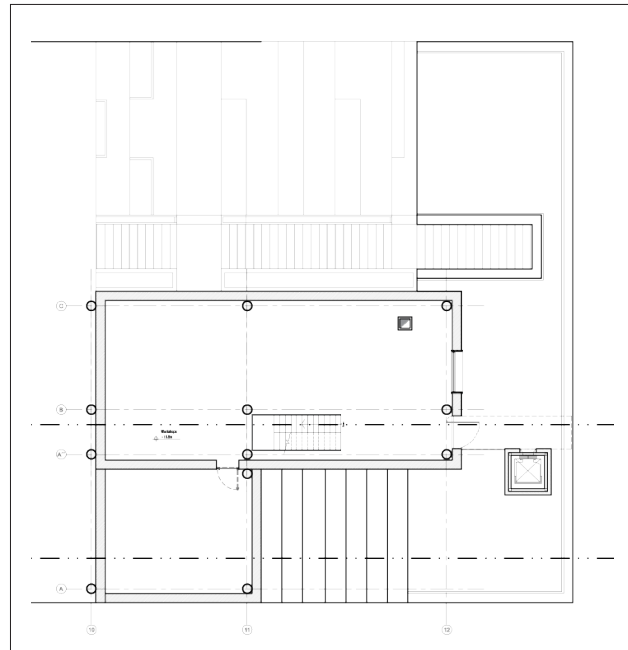
*Spatial Adaptability: A Sports Facility*  
101/120



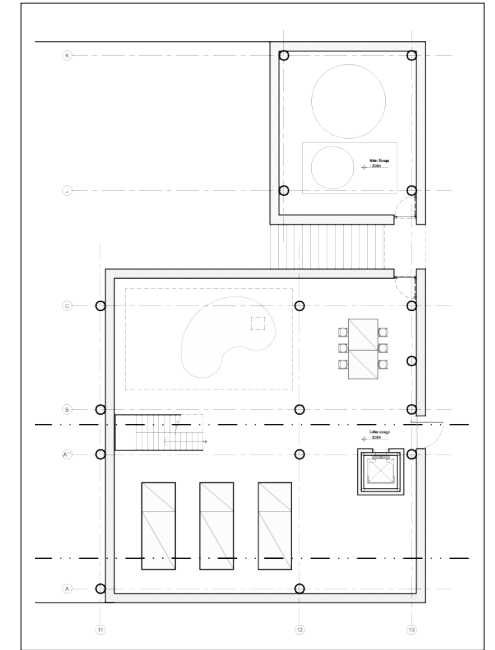
*Spatial Adaptability: An Auditorium*  
102/120



Workshops



Workshops

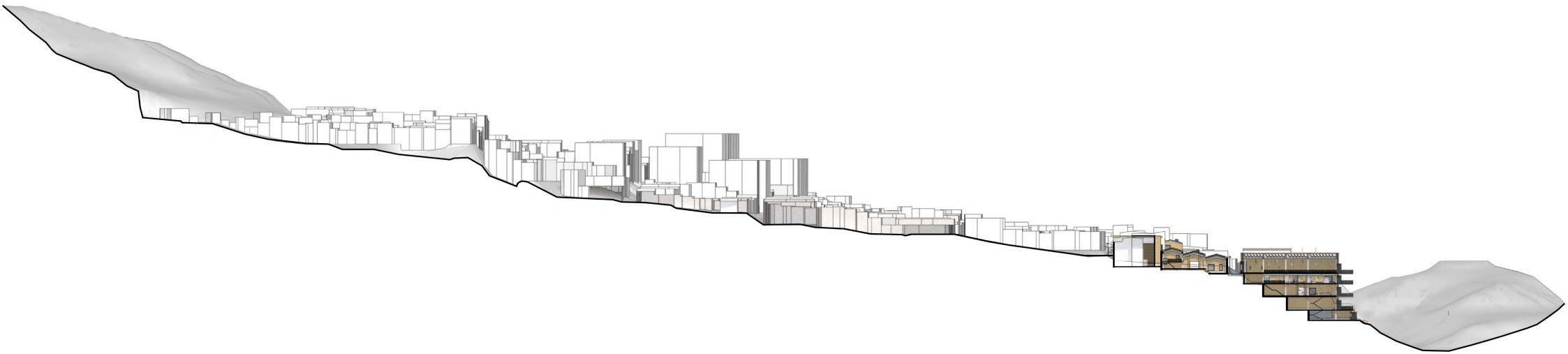


Coffee Packaging & Storage

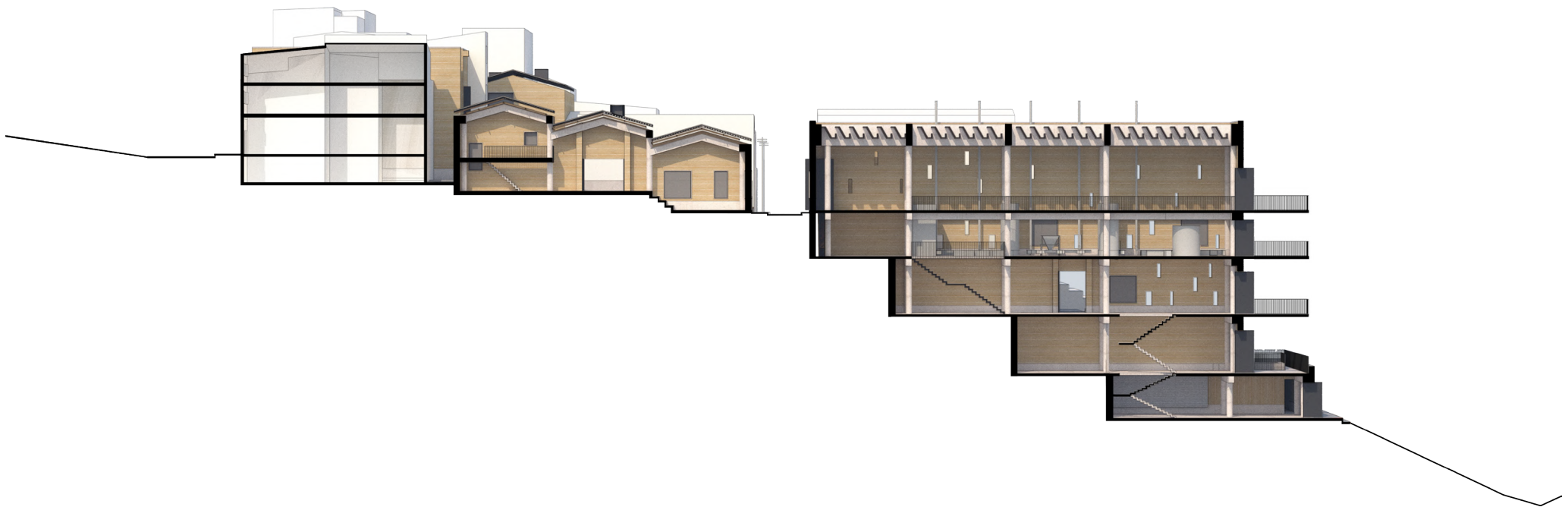


*Courtyard*  
*104/120*

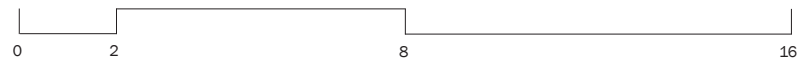
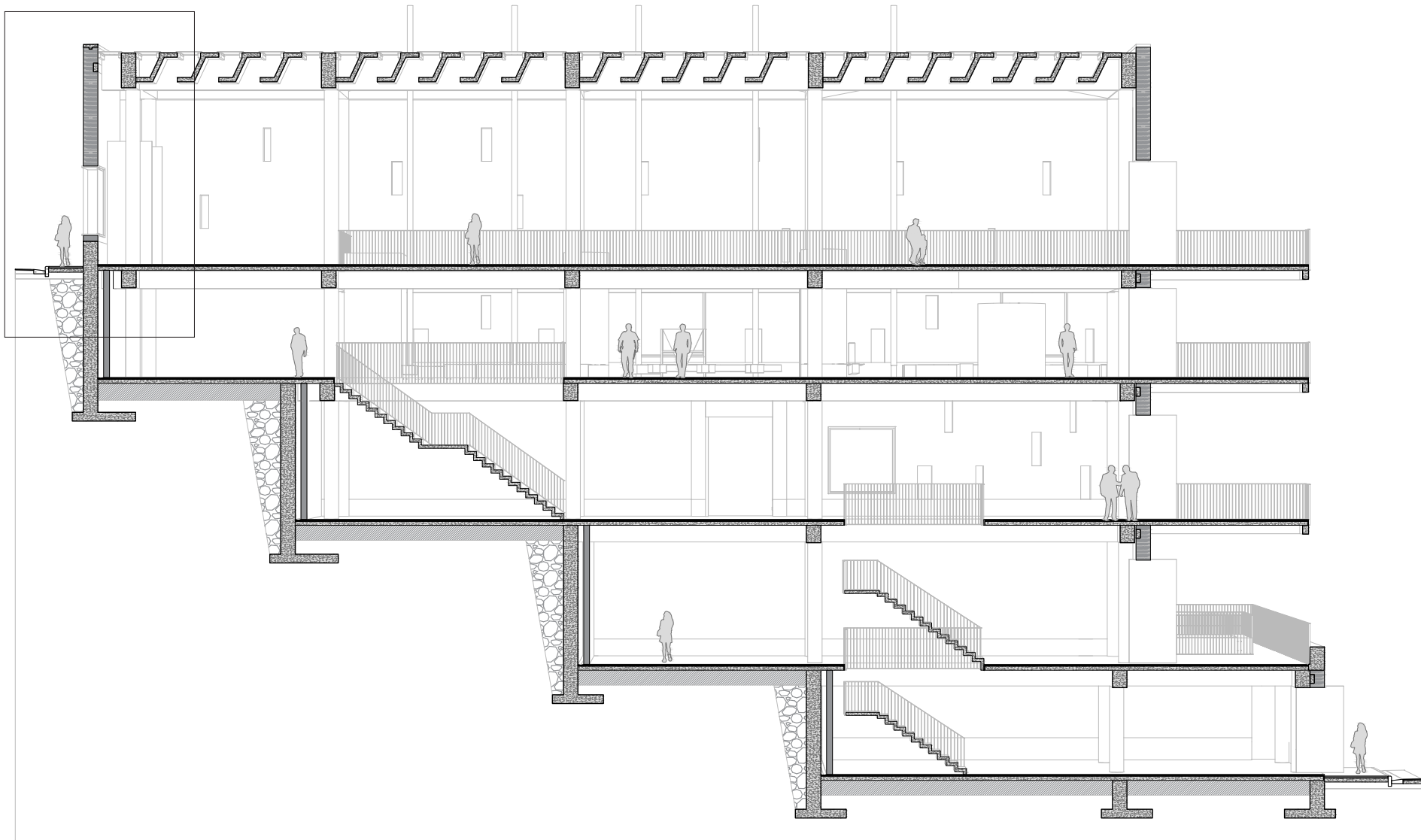




*Longitudinal Section*  
*105/120*



*Longitudinal Section*  
*106/120*

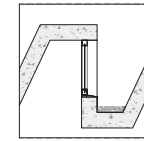
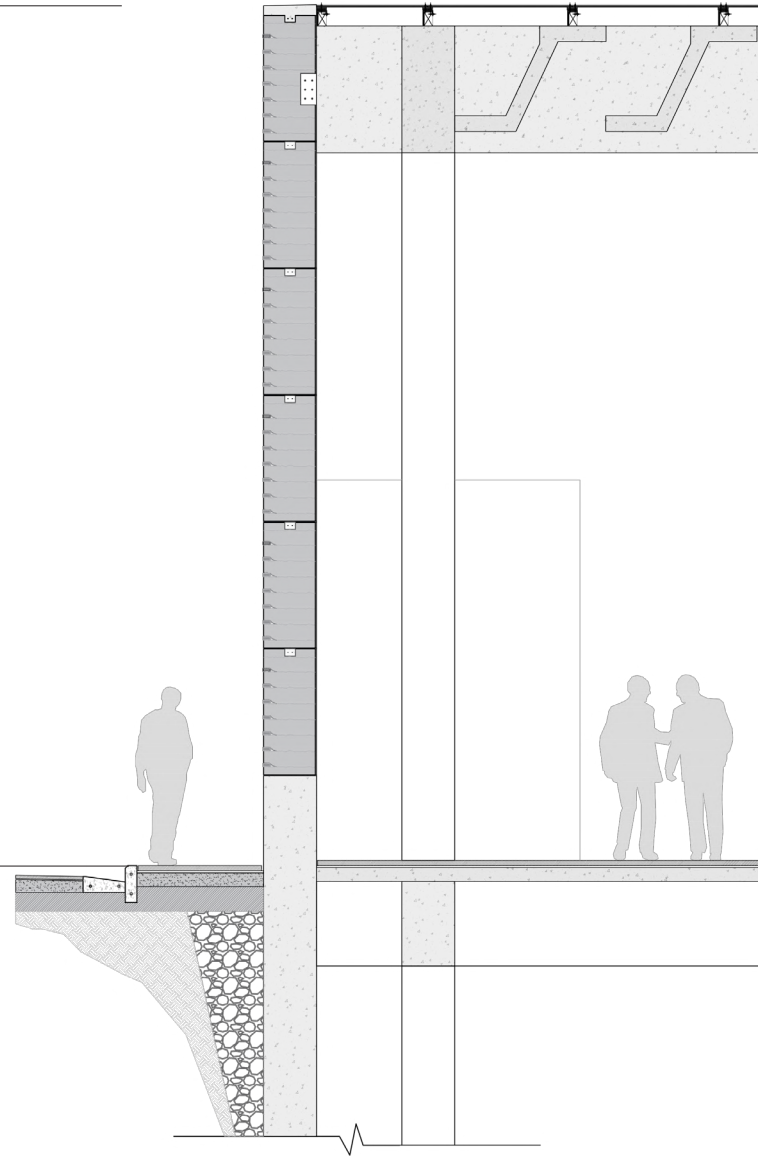


*Longitudinal Section*  
107/120

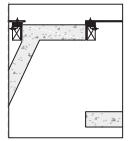


8 m

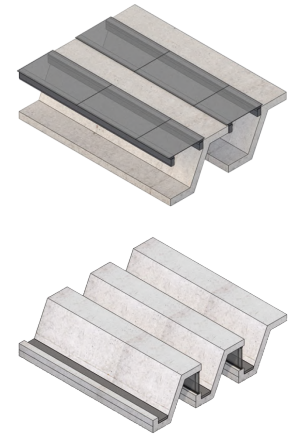
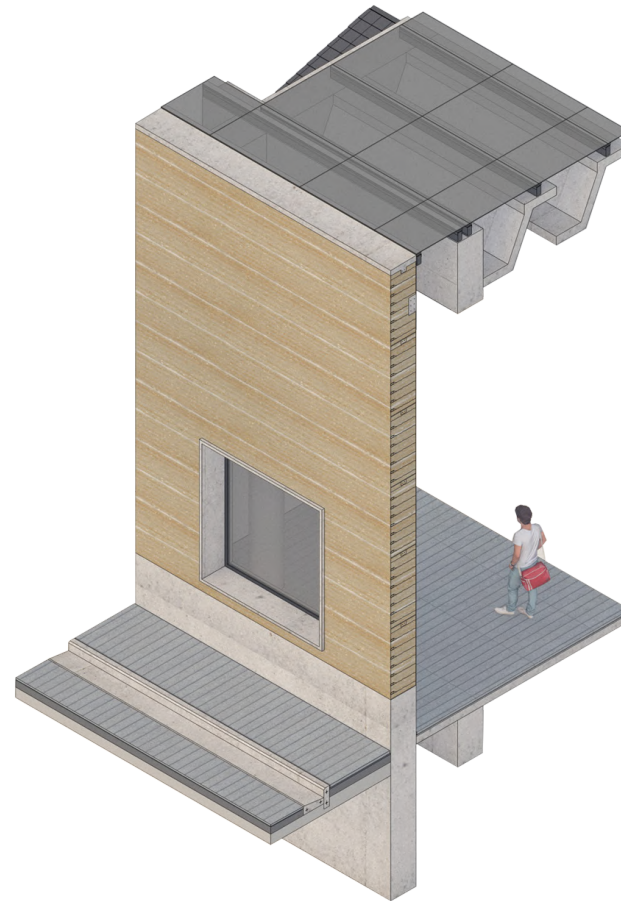
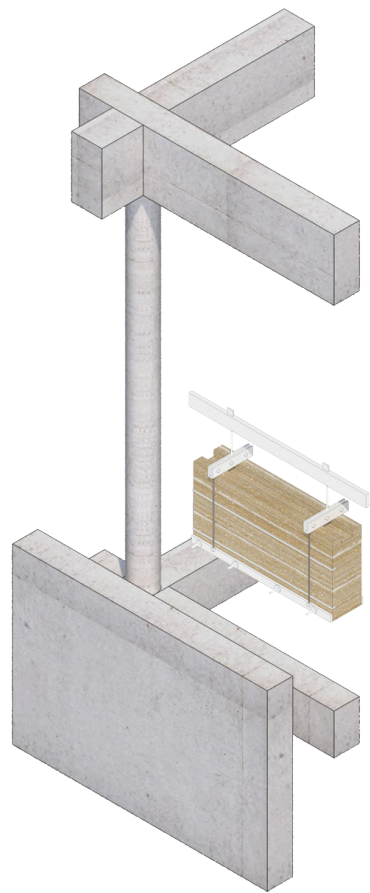
0 m



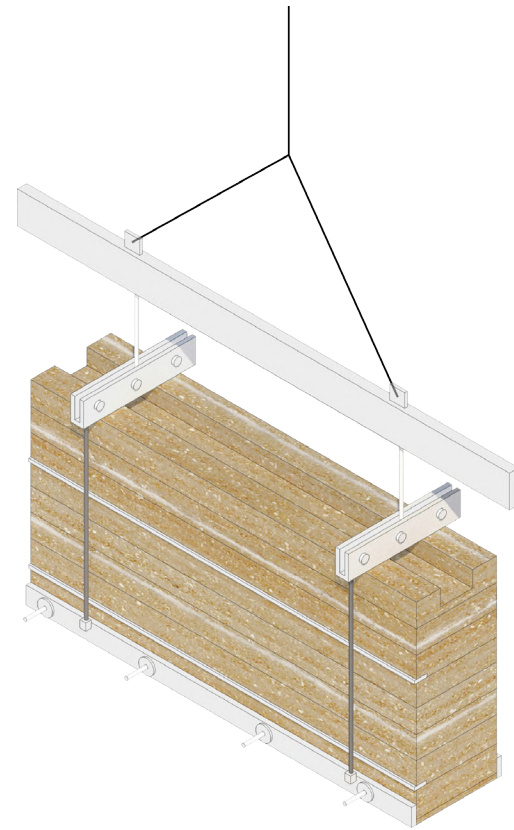
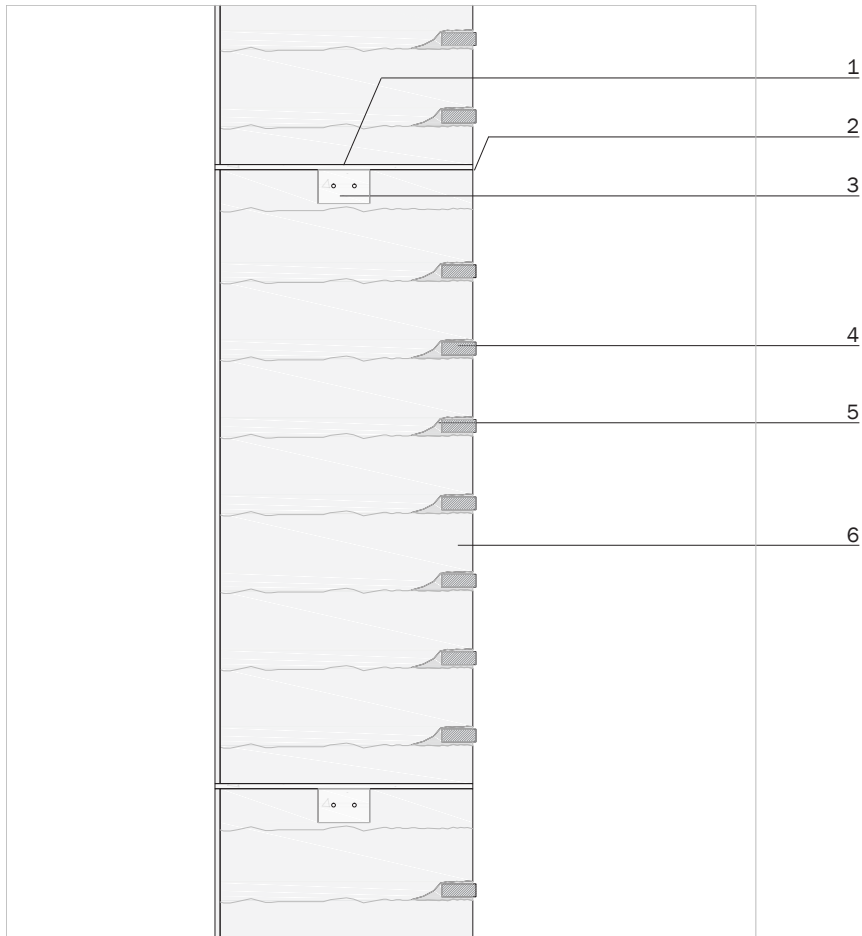
\*Variation study



*Roof and Facade Components*  
108/120



*The Structure and the Facade*  
109/120



1. Friction-fit bracket
2. Joint filled with rammed earth and retouched by hand
3. Rebar (horizontal and vertical)
4. Brick check
5. Clay mortar
6. Rammed earth 50 cms

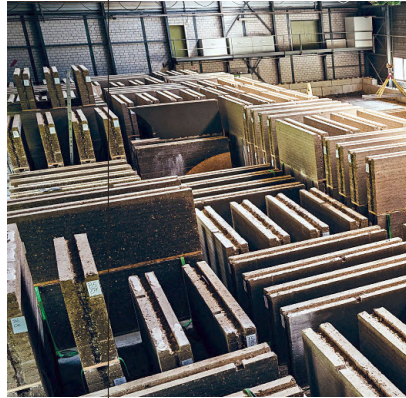
*Prefabricated Rammed Earth Wall*  
110/120

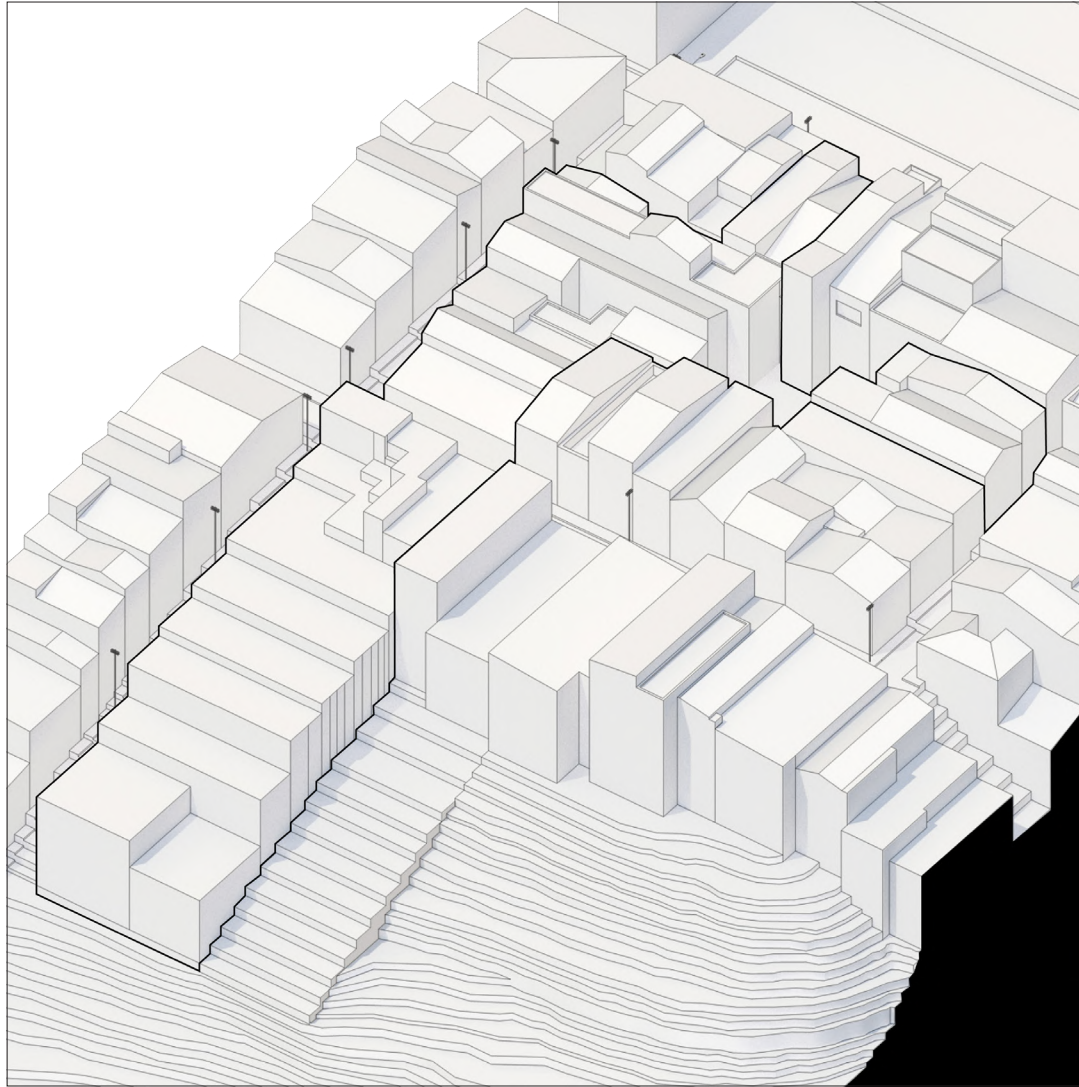
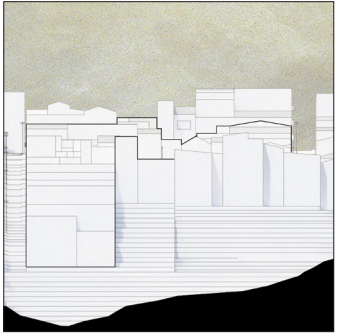


© Martin Rauch



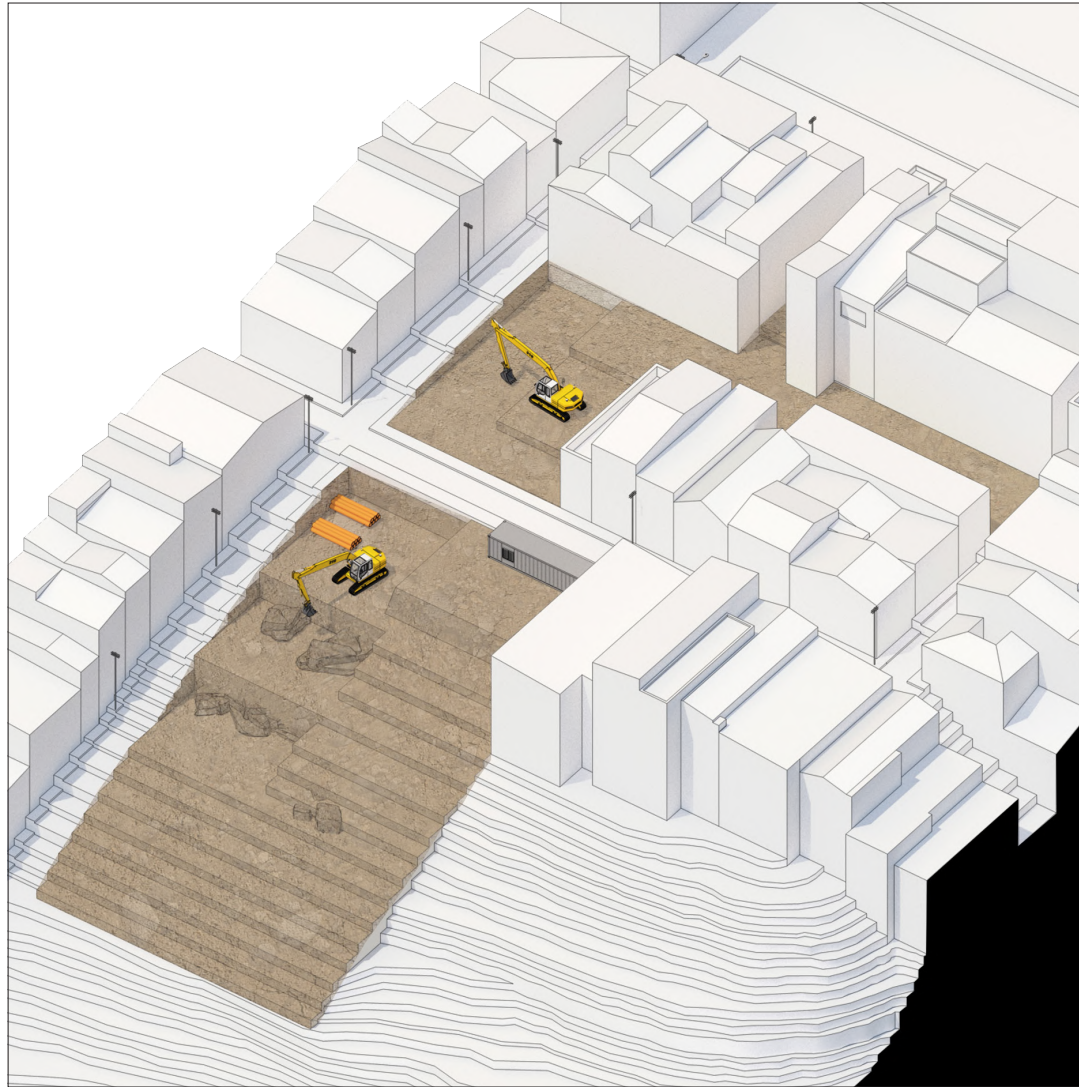
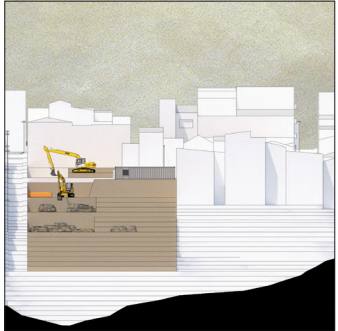
© Doris Salcedo



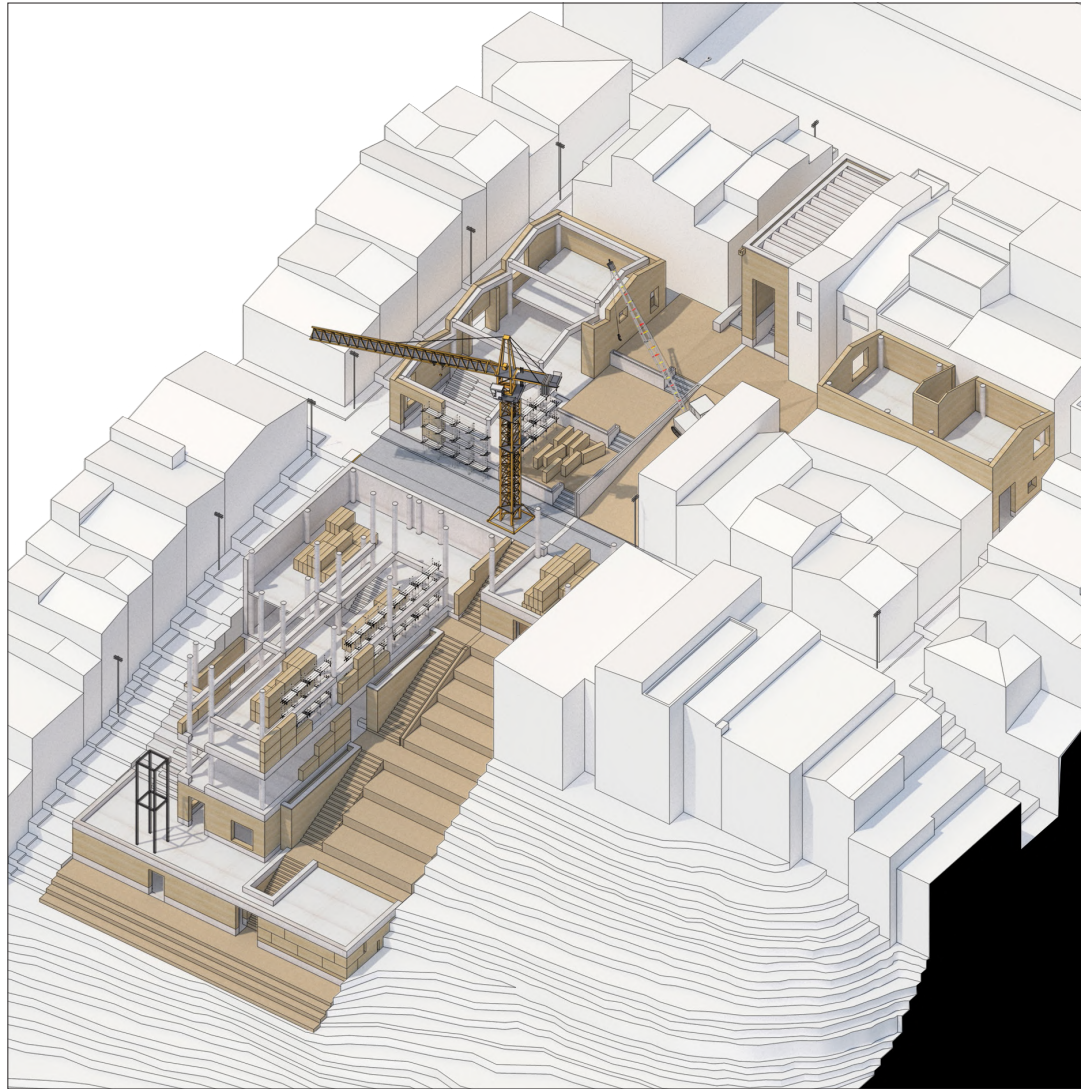
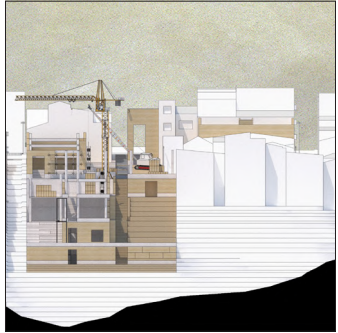


*Construction Process: the existing*  
112/120

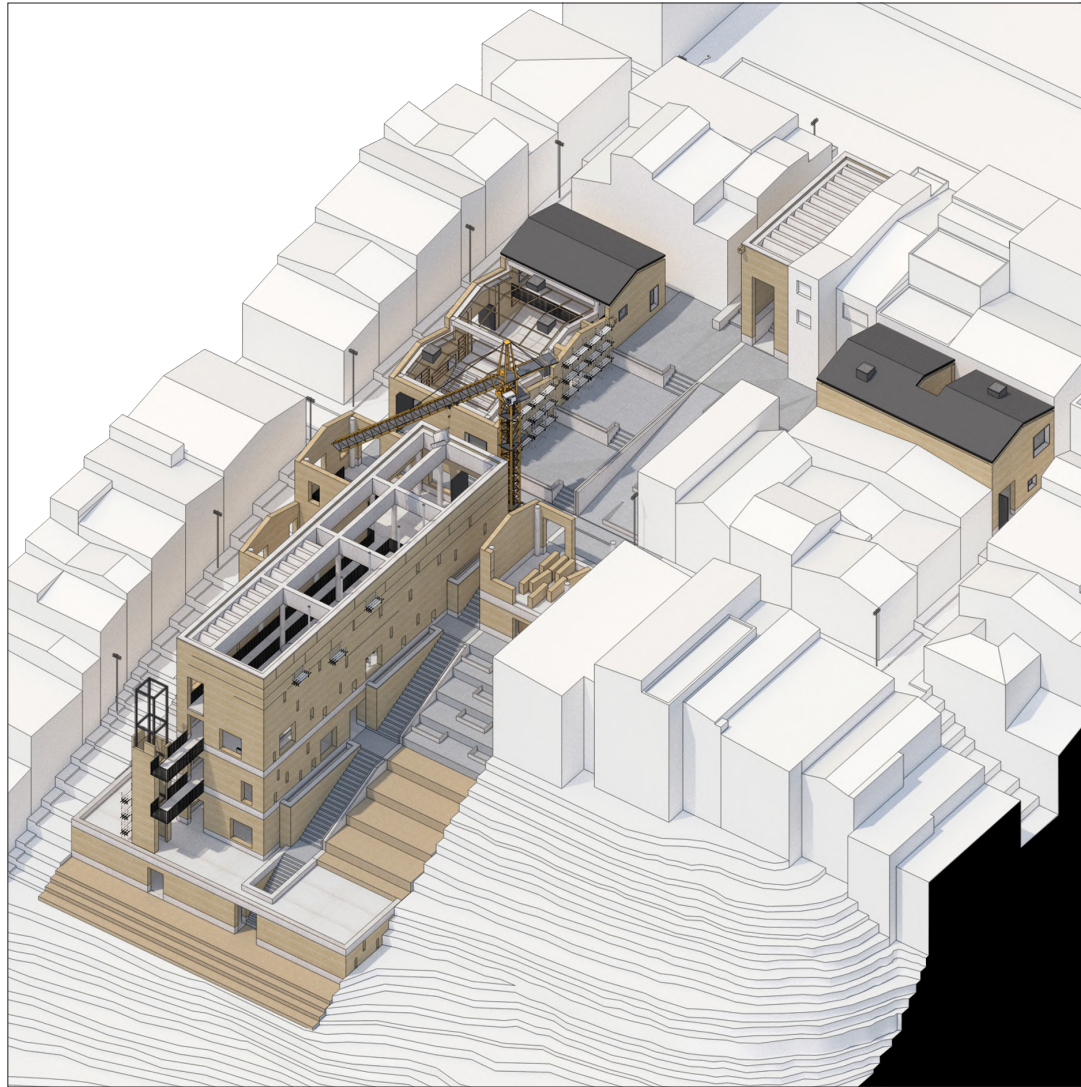
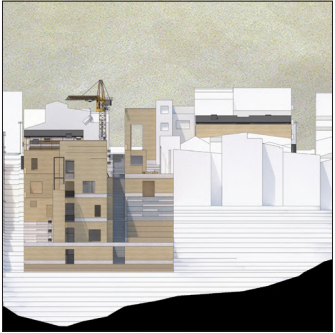




*Construction Process: the demolition*  
113/120



*Construction Process: the structure*  
114/120



*Construction Process: the walls and roofs*

*115/120*



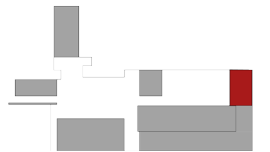
*Construction Process: finished*

*116/120*





*The Contemplation*  
118/120





*The project in the Urban Fabric*  
119/120

**... and the Beginning**

In the grass that has overgrown  
causes and effects,  
someone must be stretched out  
blade of grass in his mouth  
gazing at the clouds.

—Wisława Szymborska