



# (Re)Mind the Wall

**Mimi Copic**

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June 20 2023

P5

# Introduction to Project

Berlin, Germany



# Friedrichshain, Berlin

## Context and Demographics

City:  
**Berlin, Germany**

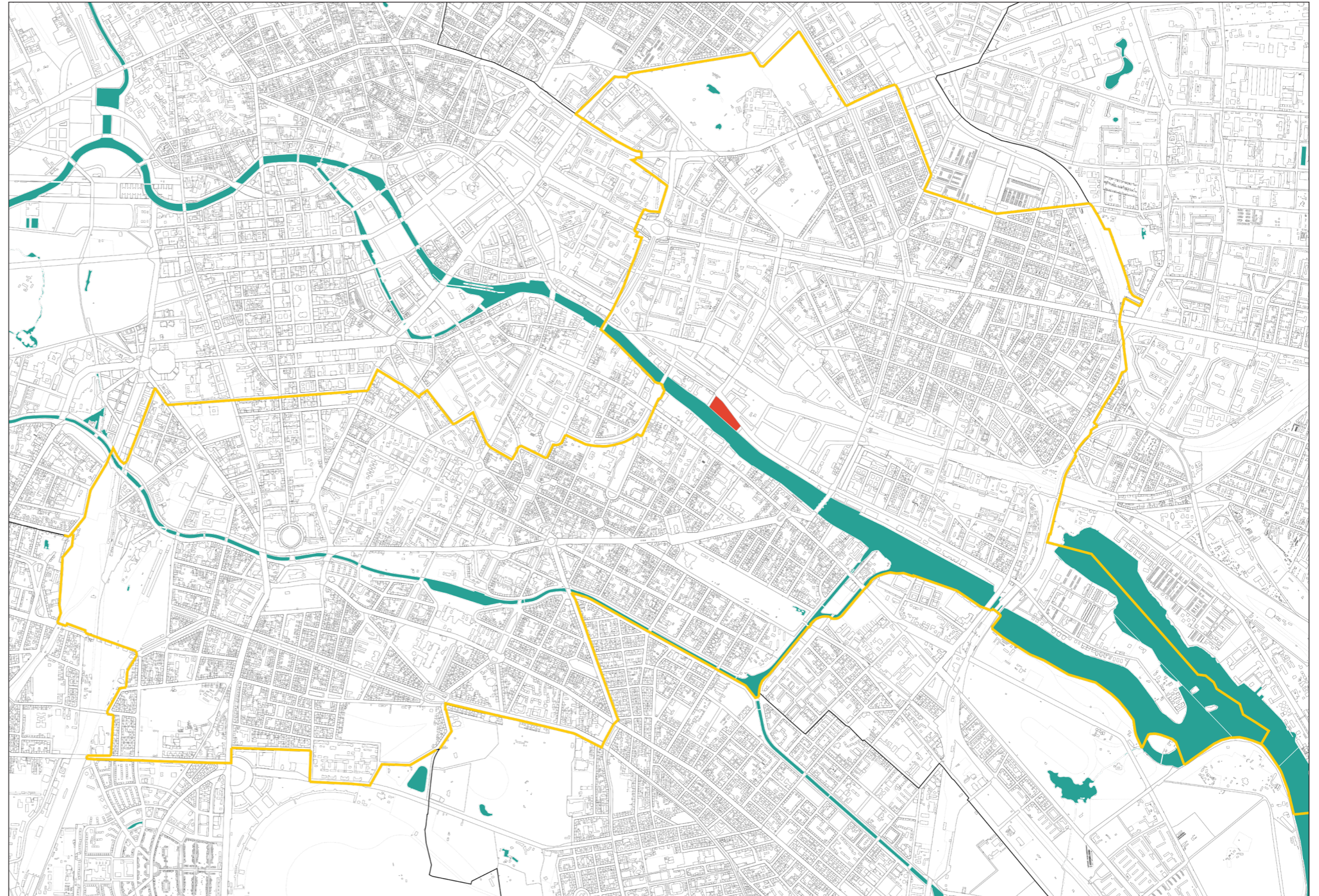
District:  
**Friedrichshain-Kreuzberg**

Area of District:  
**20.40km<sup>2</sup>**  
**Smallest by Area**

Population of District:  
**290.386 inhabitants**  
**Highest Population Density**

Age demographic:  
**58% of the district residents**  
**range between the ages 25-55<sup>1</sup>**

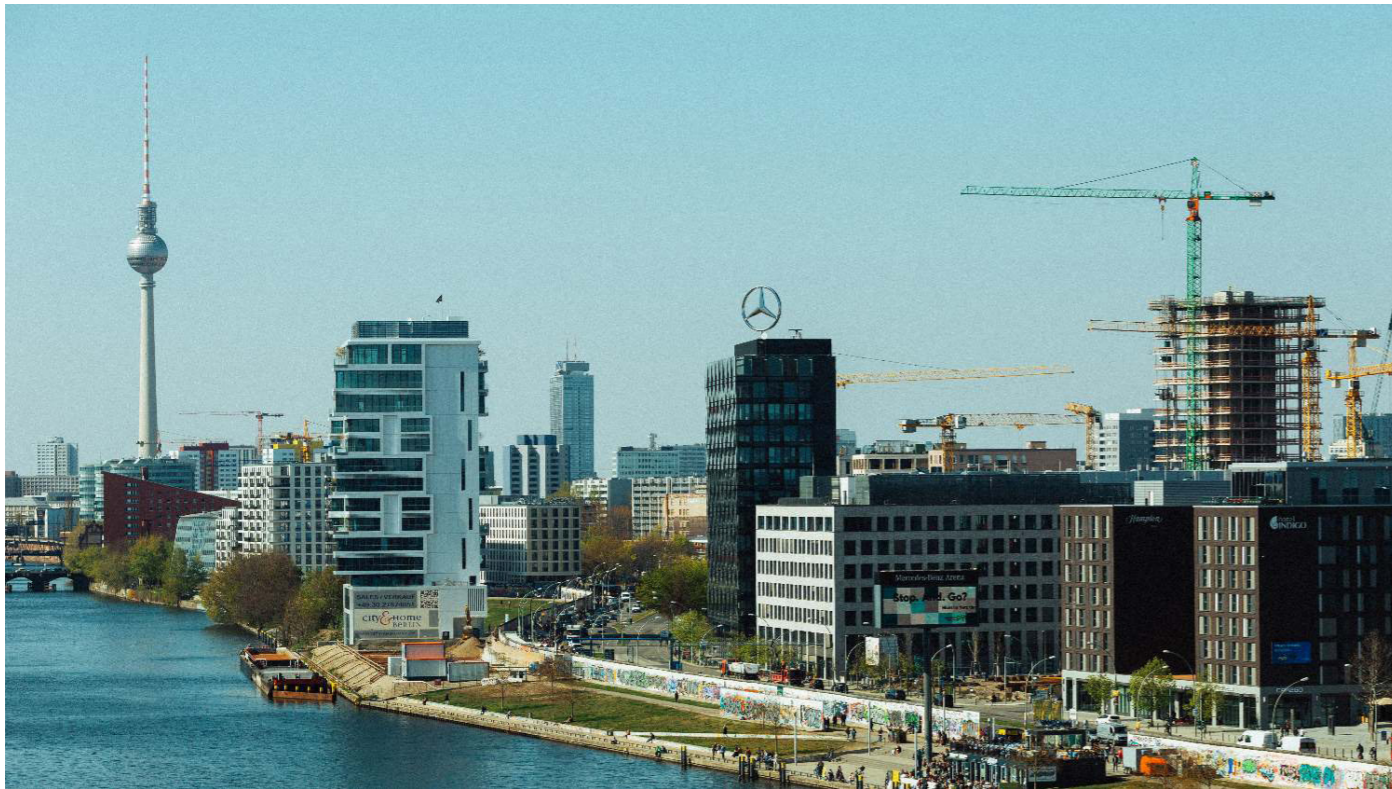
Migration background:  
**44% of the district has a**  
**migration background<sup>1</sup>**



Map of Friedrichshain-Kreuzberg District

# Urban Development along the Spree

## Gentrification and Public Resistance



View towards Mediaspree in 2019, Photo: BNP Paribas Real Estate

Friedrichshain has transformed into a hyper-gentrified area. The largest development in the area is the Mediaspree, a commercial real-estate endeavour to preoccupy as much property along the Spree Canal as possible.



"Media Spree Versenken" (Sink Media Spree) Protest, 2008  
Photo: Ca Iral via City Tool Box Journal

The locals of Friedrichshain are demanding for the right to use these empty lots as communal public space, and are not designed for consumers, rather free activity.

# Meet the Locals

## Friedrichshain, Berlin



# Impressions of the City

Friedrichshain, Berlin



Layers of Berlin - Collage

# Drawing Inspiration

Friedrichshain, Berlin



Soulspace - Collage

# The East Side Gallery

Remains of the Berlin Wall

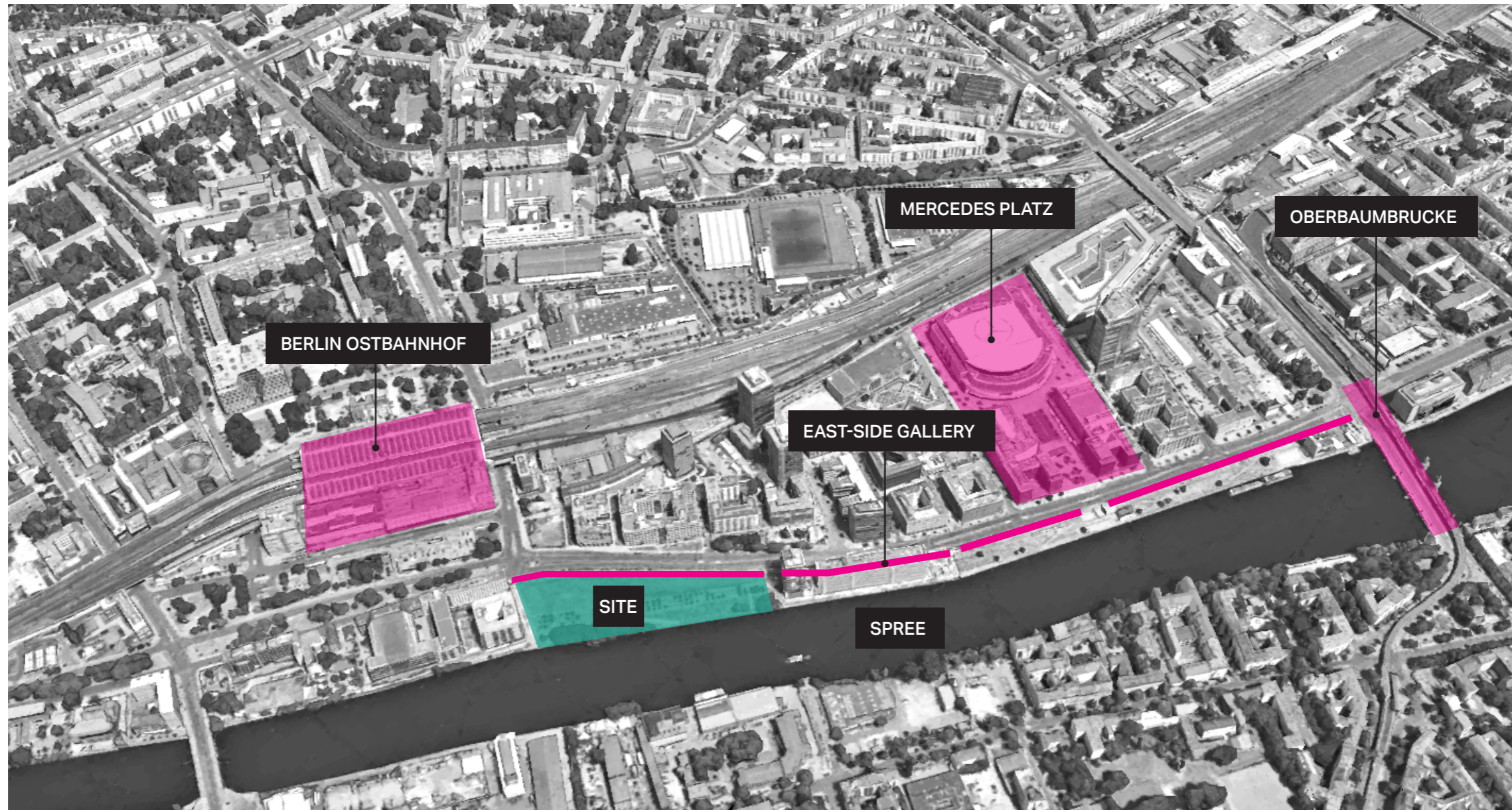


"Front" of East Side Gallery, Photo: Stiftung Berliner Mauer



# Site Location

The Eastside Gallery, Friedrichshain



Aerial View of Site

# The Berlin Wall

Historical Significance of Site



Friedrichshain "Death Strip", view towards Mühlenstraße, showing the course of the border as it stood in 1986  
Photo: © Berlin Wall Foundation

# Transformation of the Wall

## History of Site

### The Berlin Wall (1961-1991)



Friedrichshain "Death Strip", view towards Mühlenstraße, showing the course of the border as it stood in 1986  
Photo: © Berlin Wall Foundation



### The Fall of The Wall (1989)



A gap in the Berlin Wall on Nov. 11, 1989  
Photo: Patrick Piel/Gamma-Rapho via Getty Images

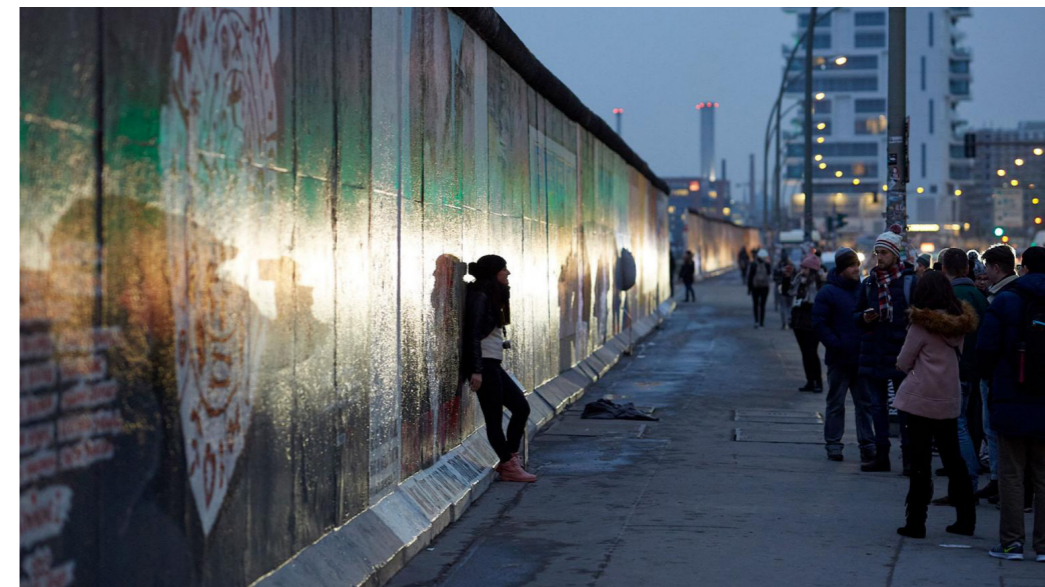
### Present Day



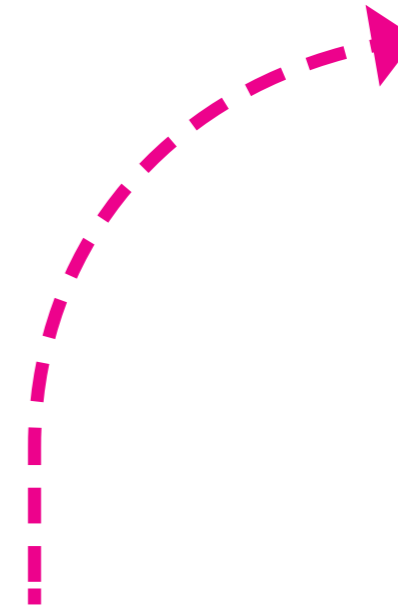
Scuffles in the crowd - Berlin Wall protests 2017  
Photo: Sean Gallup via Getty Images



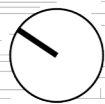
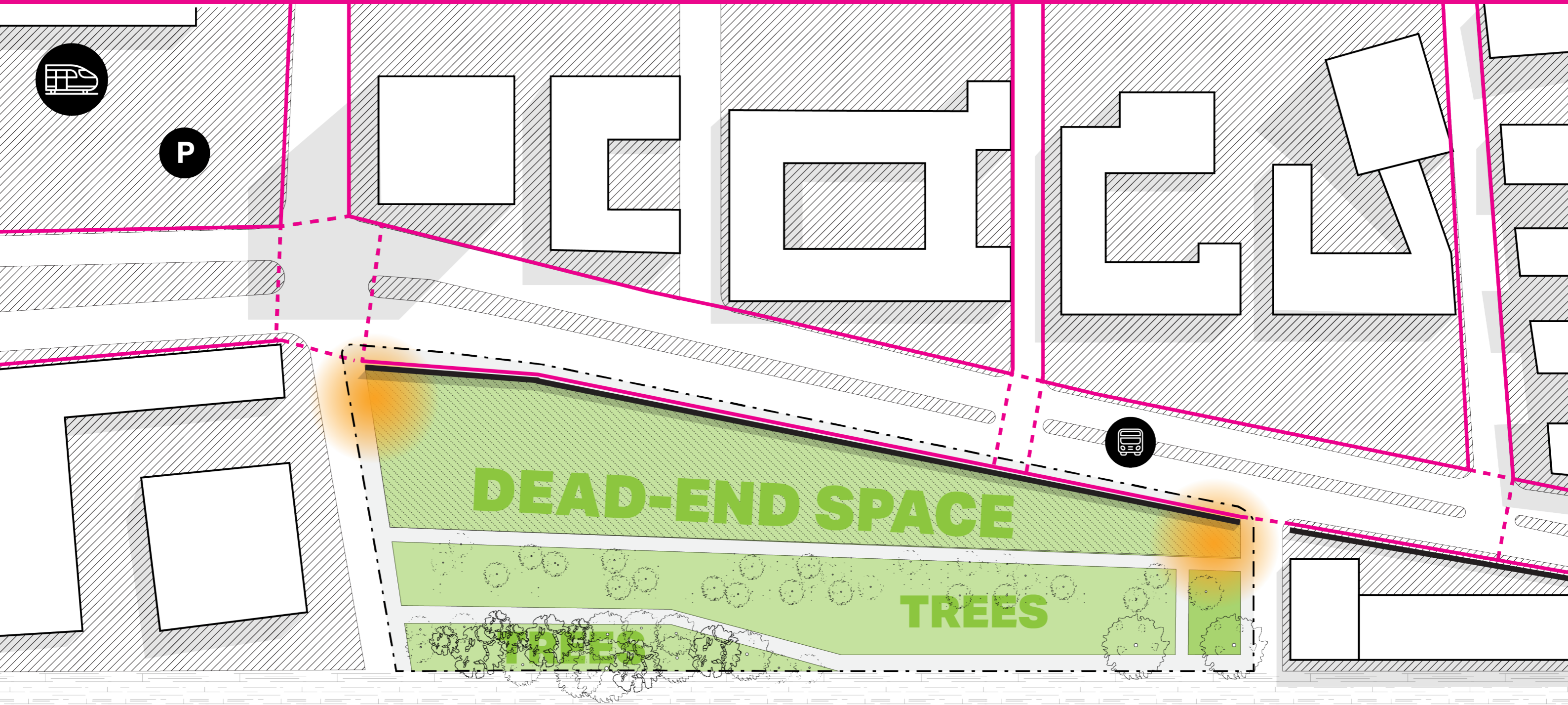
### The East-Side Gallery (1991 - Present)



East Side Gallery, Photo: Stiftung Berliner Mauer



Future?



0m 50m

**Site Plan 1:1500**  
Park an der Spree

# "The Backside" of the East Side Gallery

Site Impressions



"Backside" of Eastside Gallery, Photo: Google Streetview Images

# View of Park from across the Spree

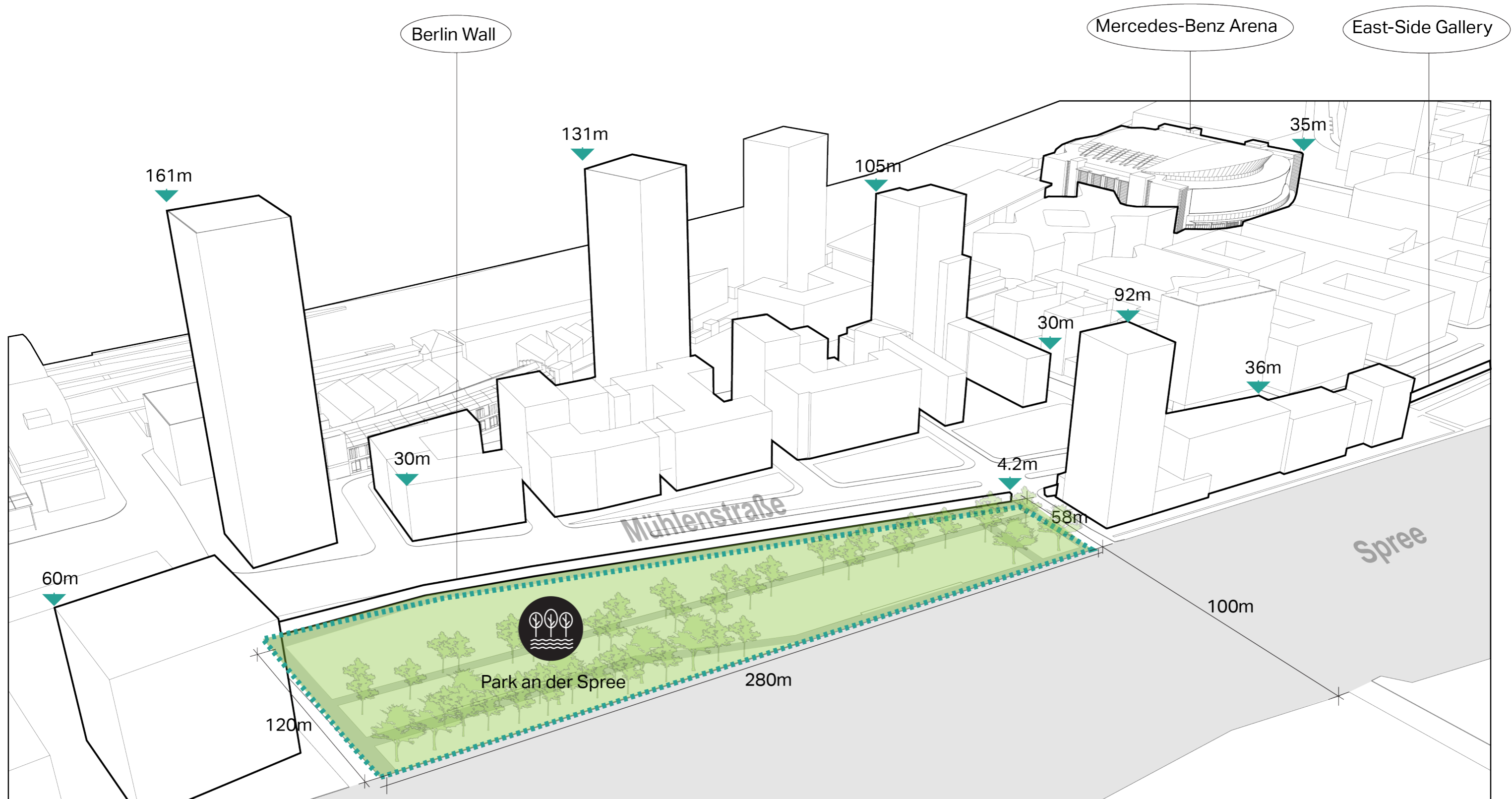
## Site Impressions



View of Park an der Spree from across the Spree , September 2022, Photo: Mimi Cepic

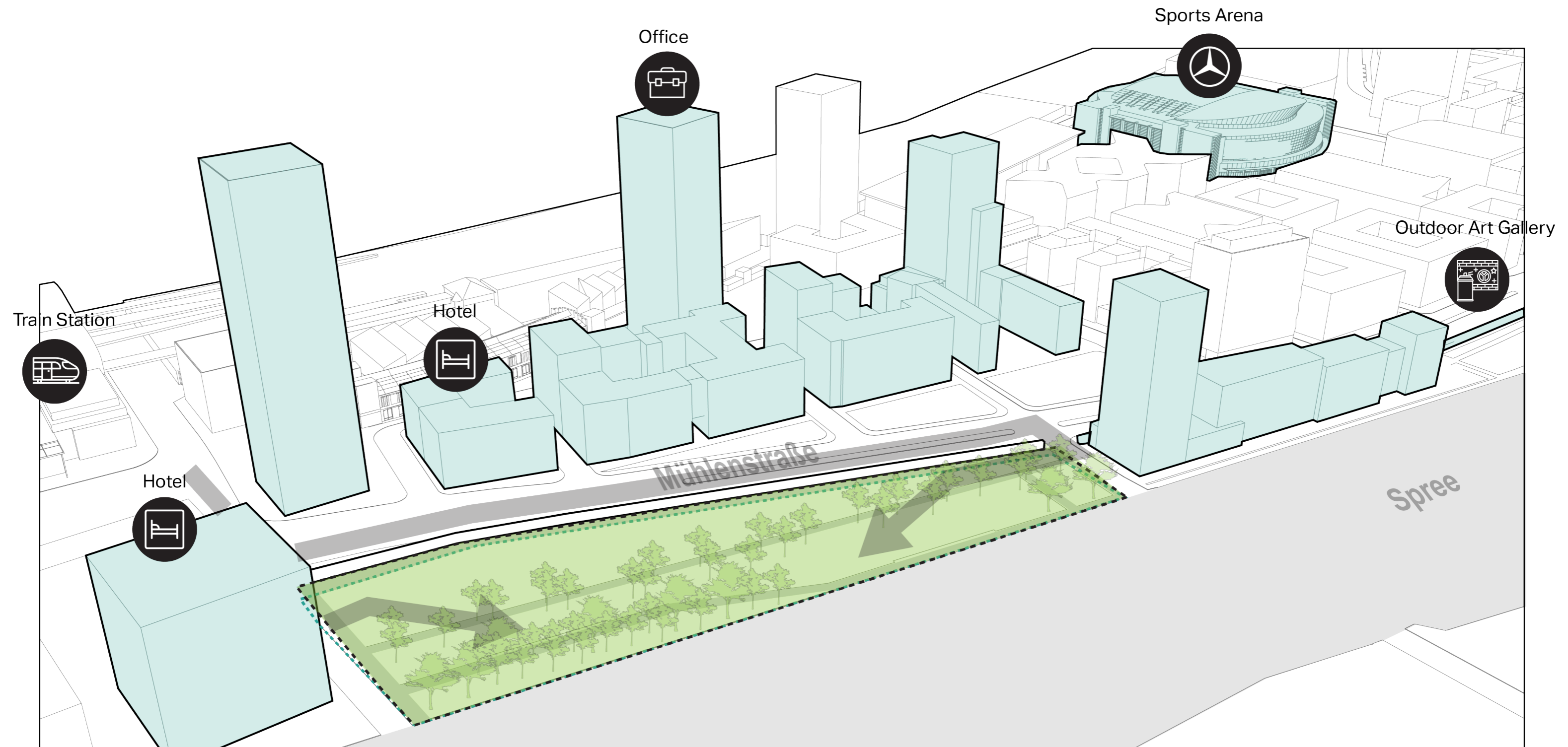
# Surrounding Context

Park an der Spree, Friedrichshain



# Commercial Development

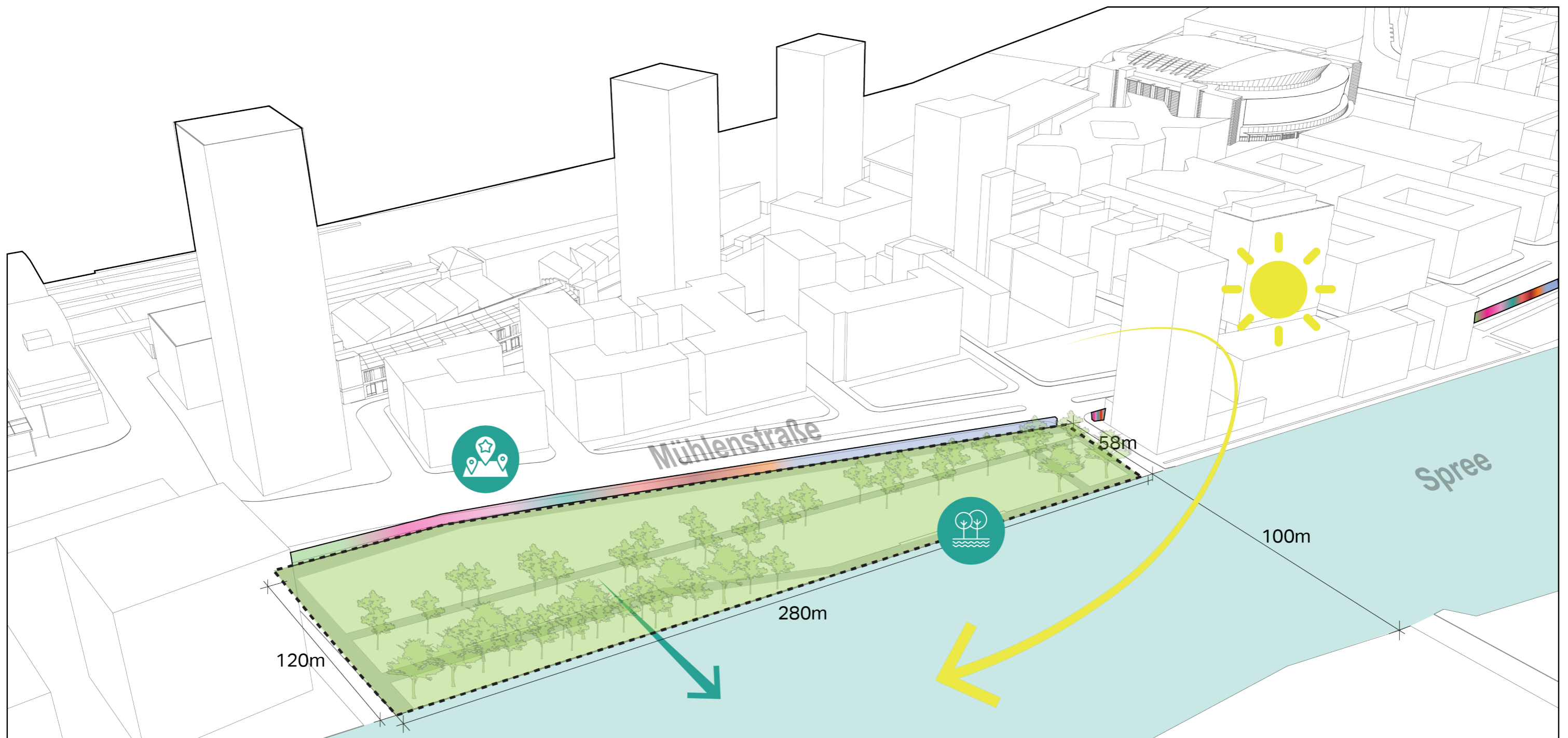
Park an der Spree, Friedrichshain





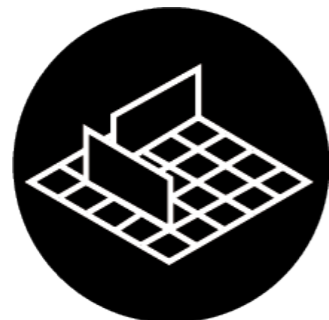
# Advantages and Opportunities

Park an der Spree, Friedrichshain



# Elements of the Site

Park an der Spree, Friedrichshain



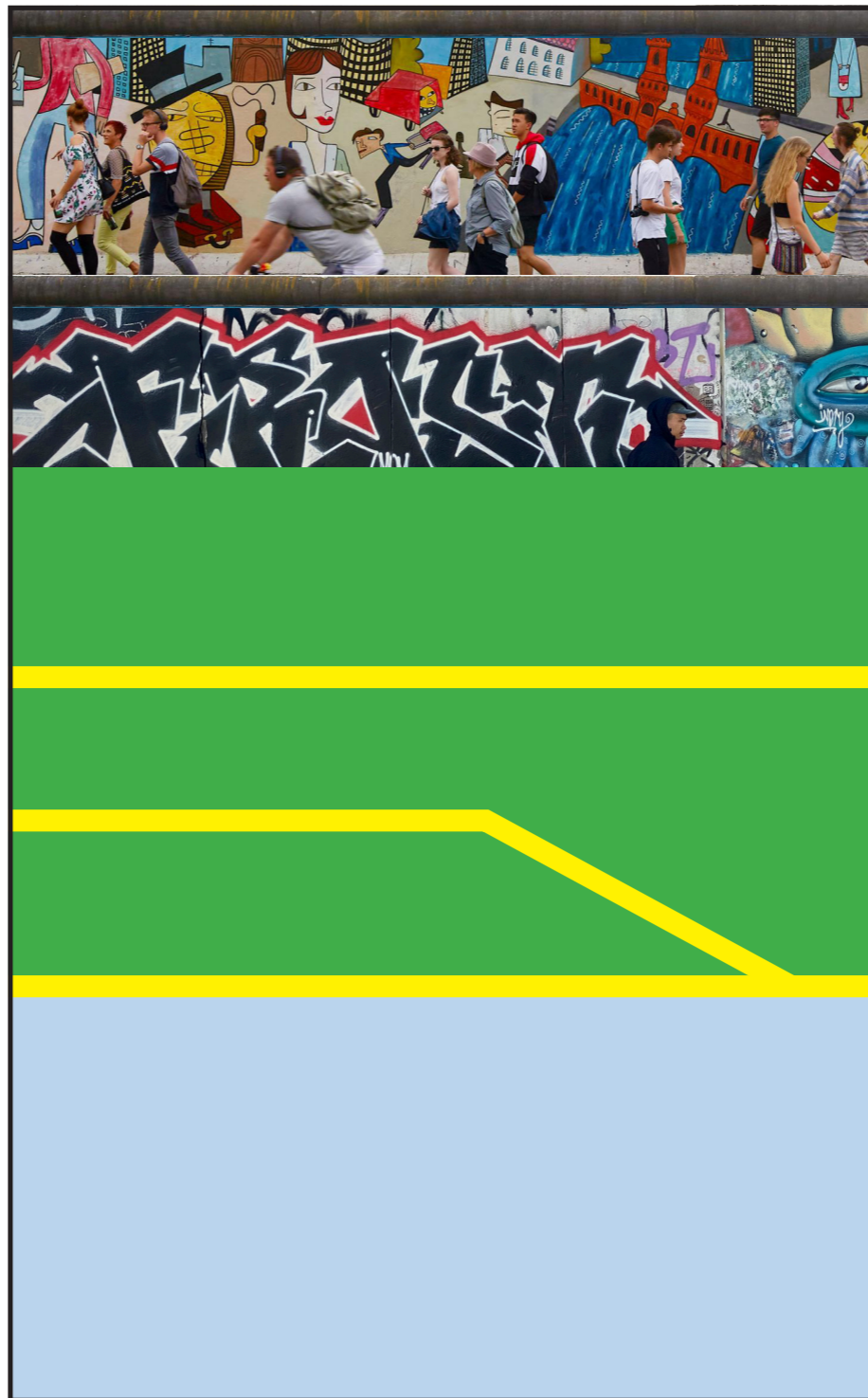
Wall



Vegetation



Water



East Side Gallery  
*(Formerly the Berlin Wall)*

The "backside" of the East Side Gallery

"Dead-end space", *Inactive grass area*

Paved Path

Planted Tree Promenade

Paved Path

Spree Canal

# Defining Parameters

Layers of Interest

## LANDMARK

Berlin Wall



Spree

## THRESHOLD

Indoor



Outdoor

## ARCHITECTURE

Existing



Additional

## ENVIRONMENT

Natural



Urban

## MATERIAL

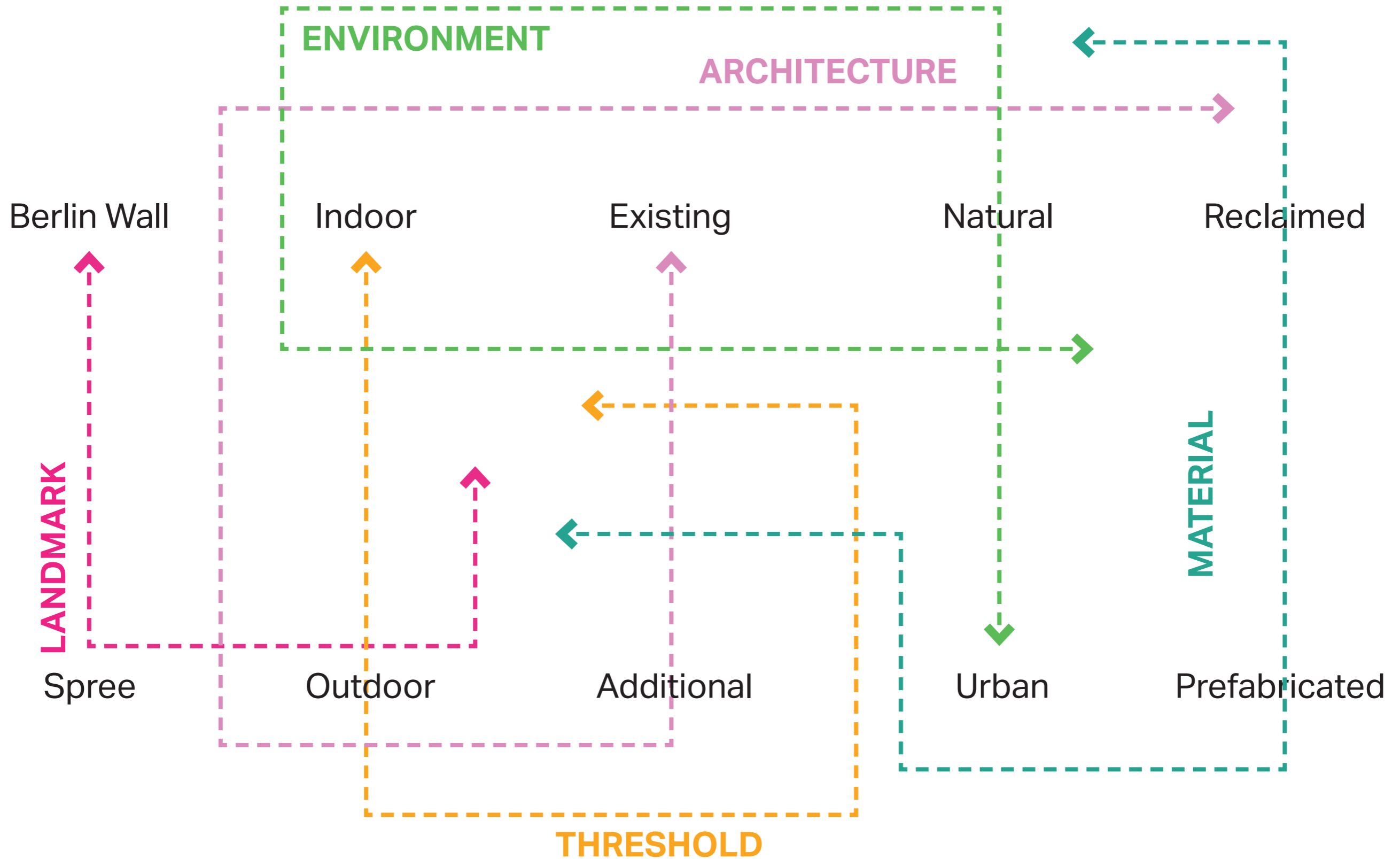
Reclaimed



Prefabricated

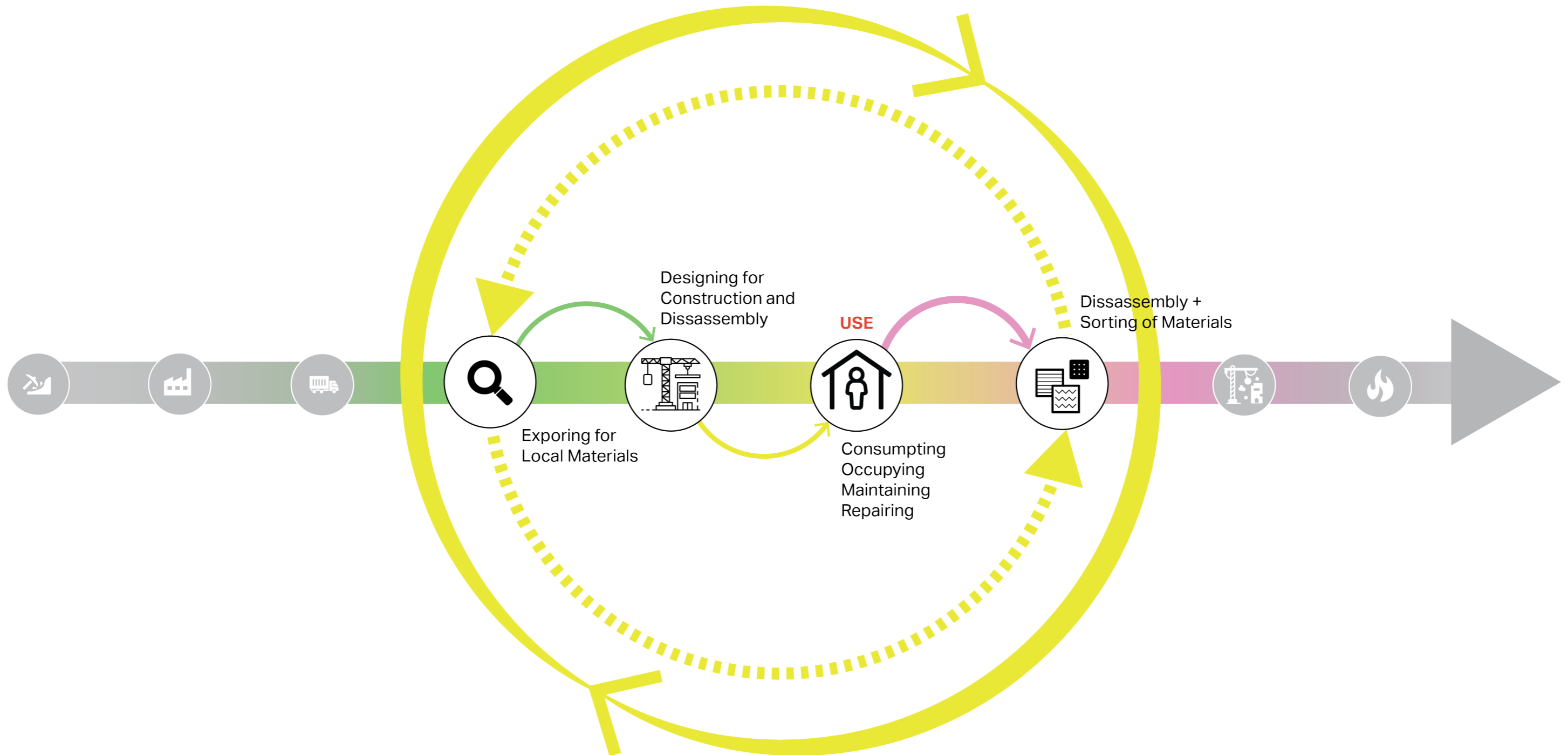
# Interlocking Conditions

Overlapping Layers



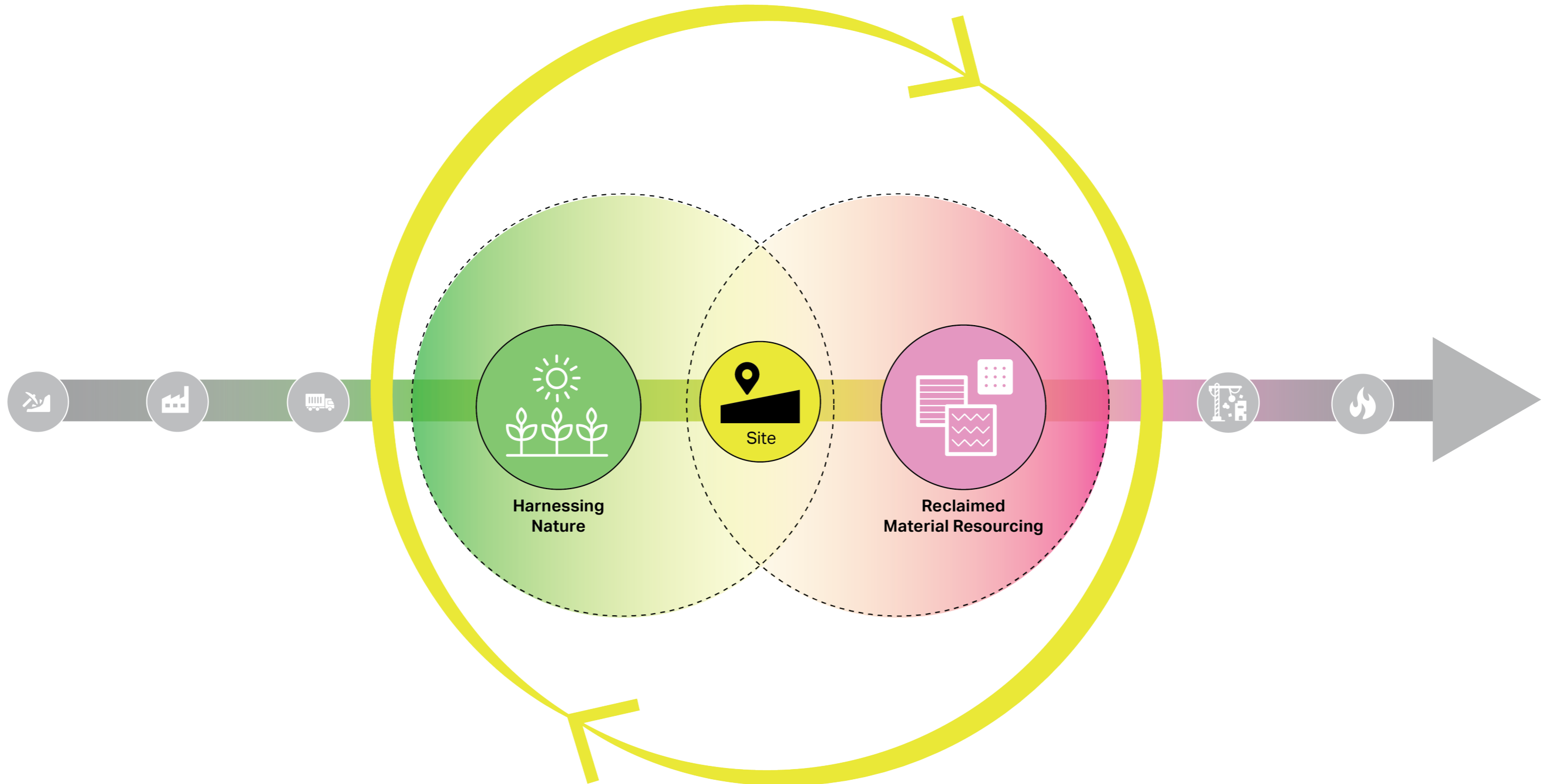
# Closing the Loop

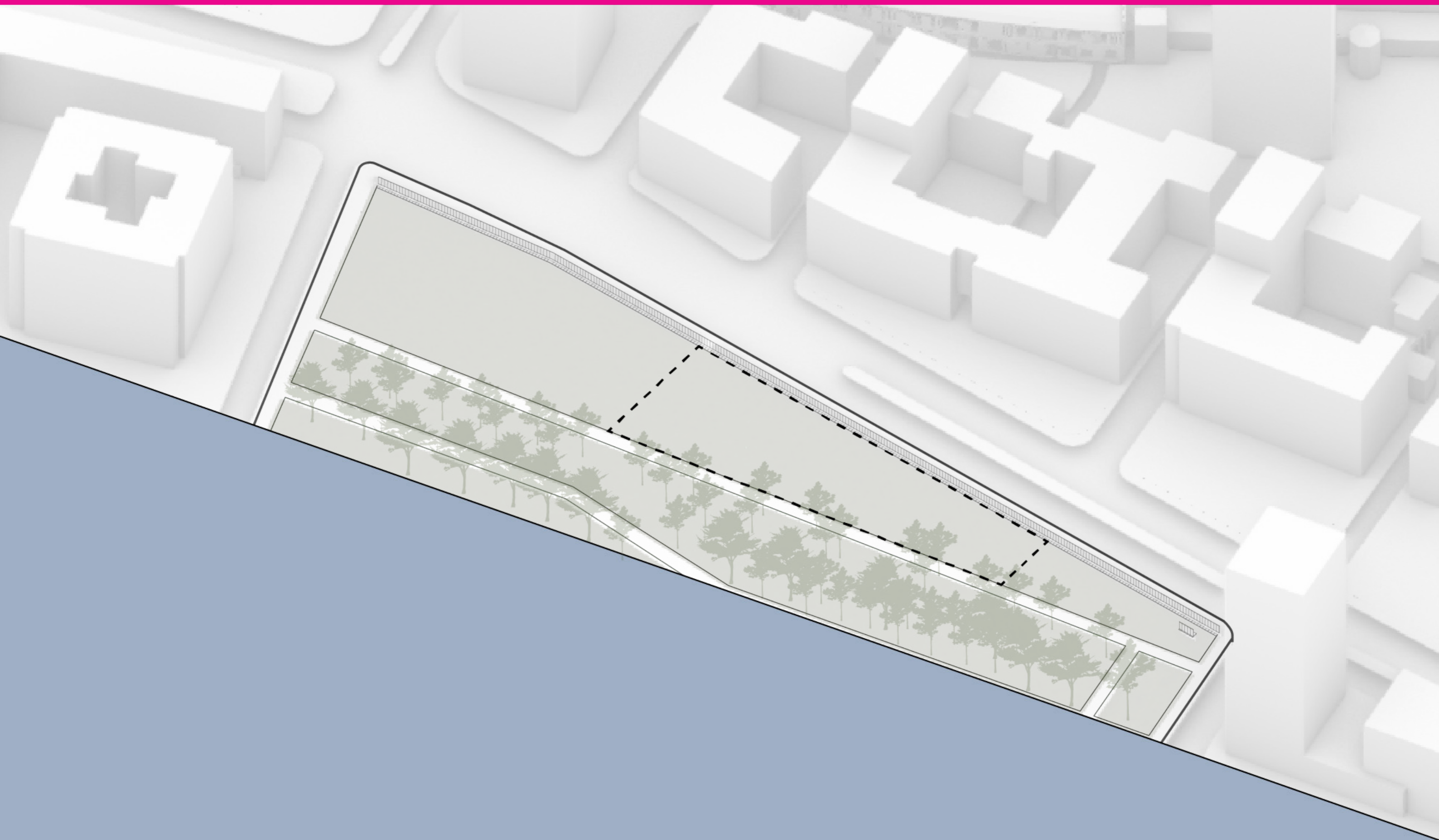
Creating a circular building through a non-linear design process



# Proto-Process Model

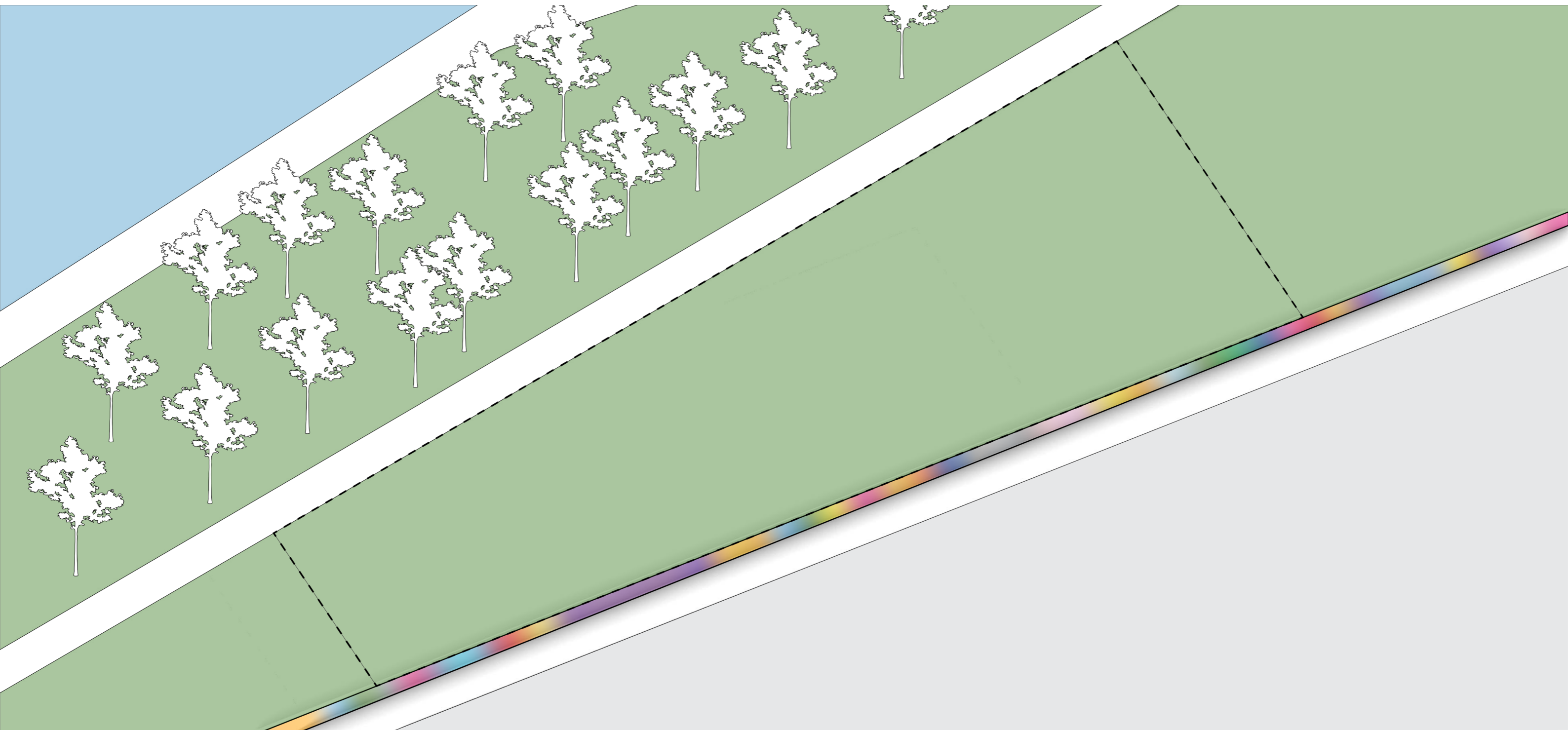
Defining the overall scope of the project





## (1) REFUSE

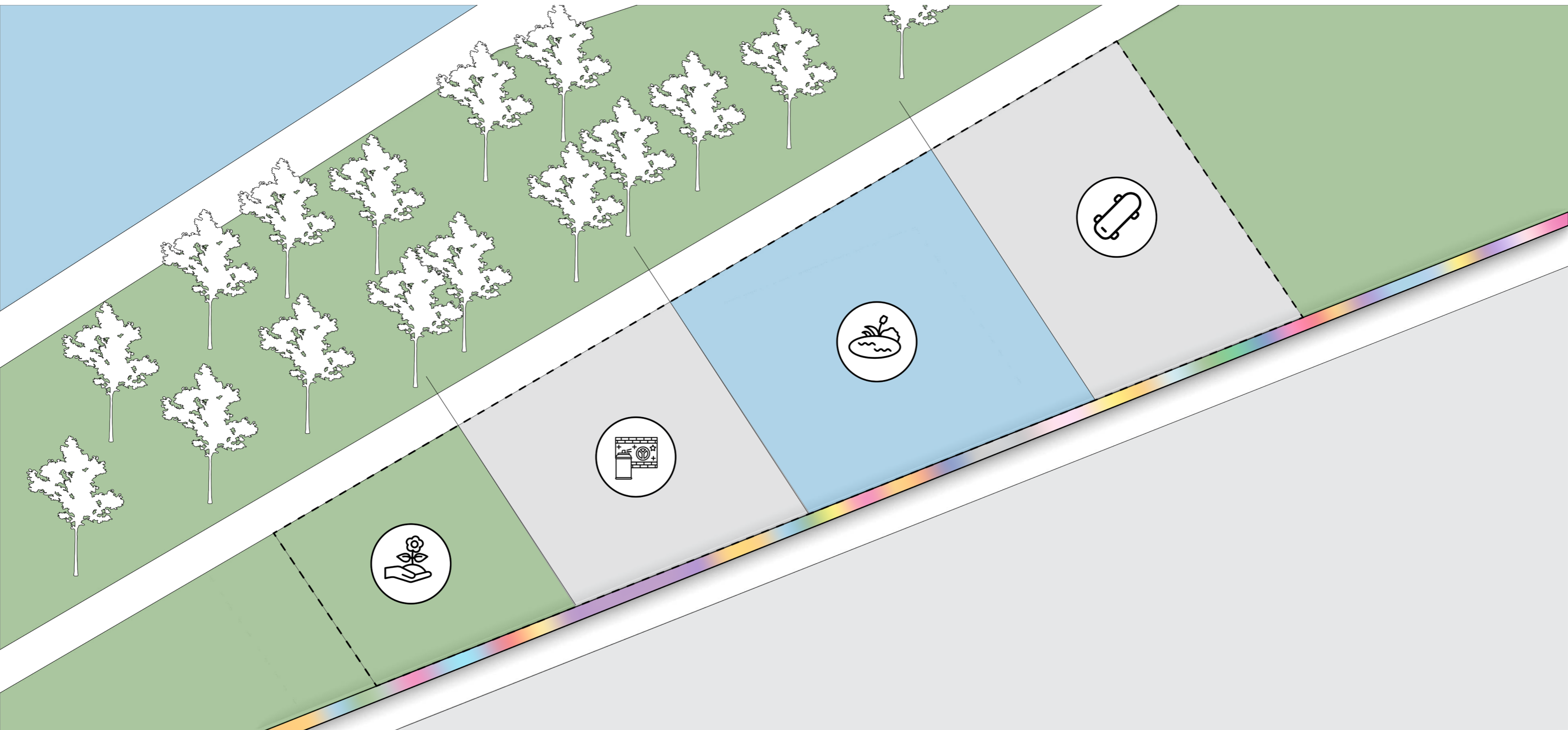
to demolish existing interventions



## **(2) RESPECT**

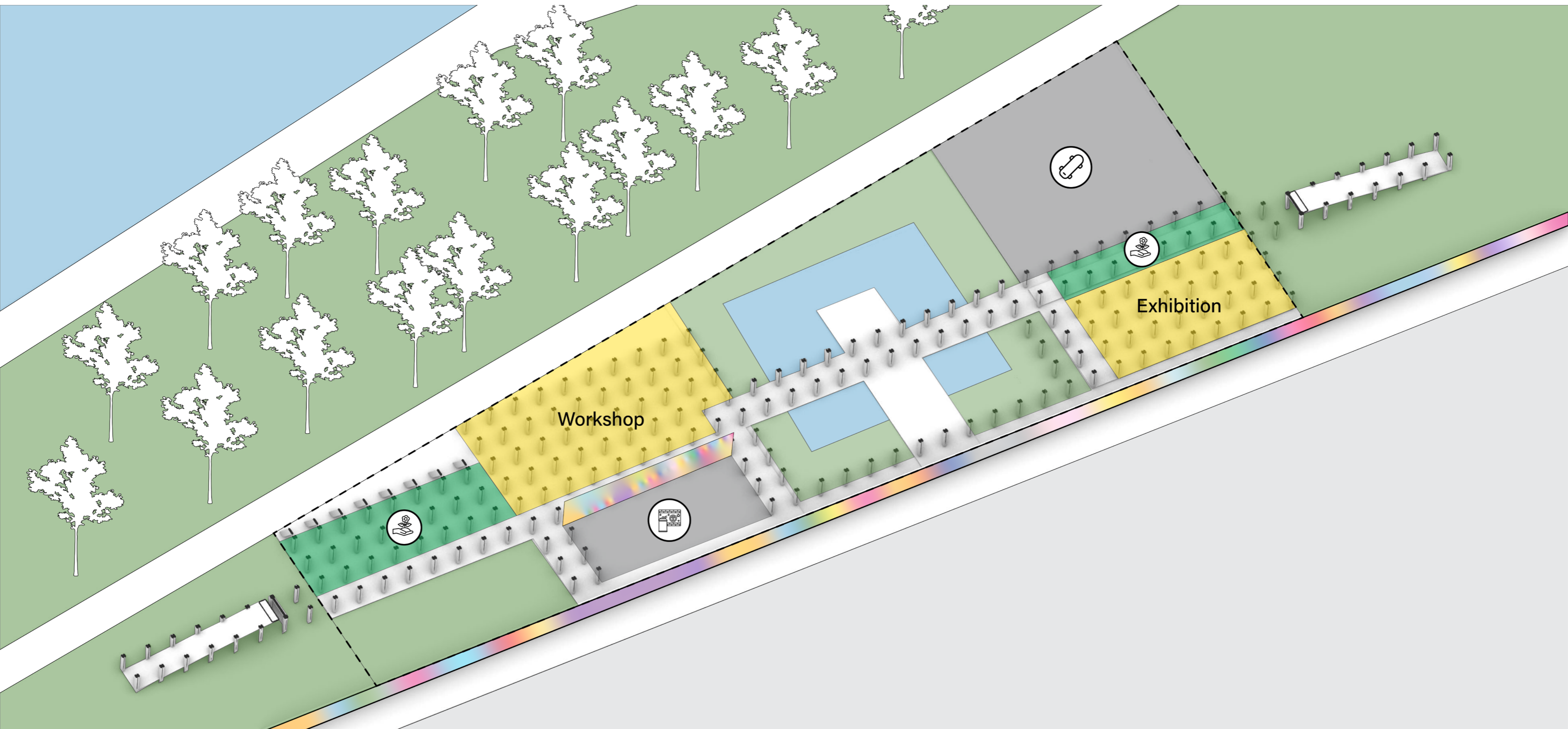
the historical significance of the remains of the Berlin Wall





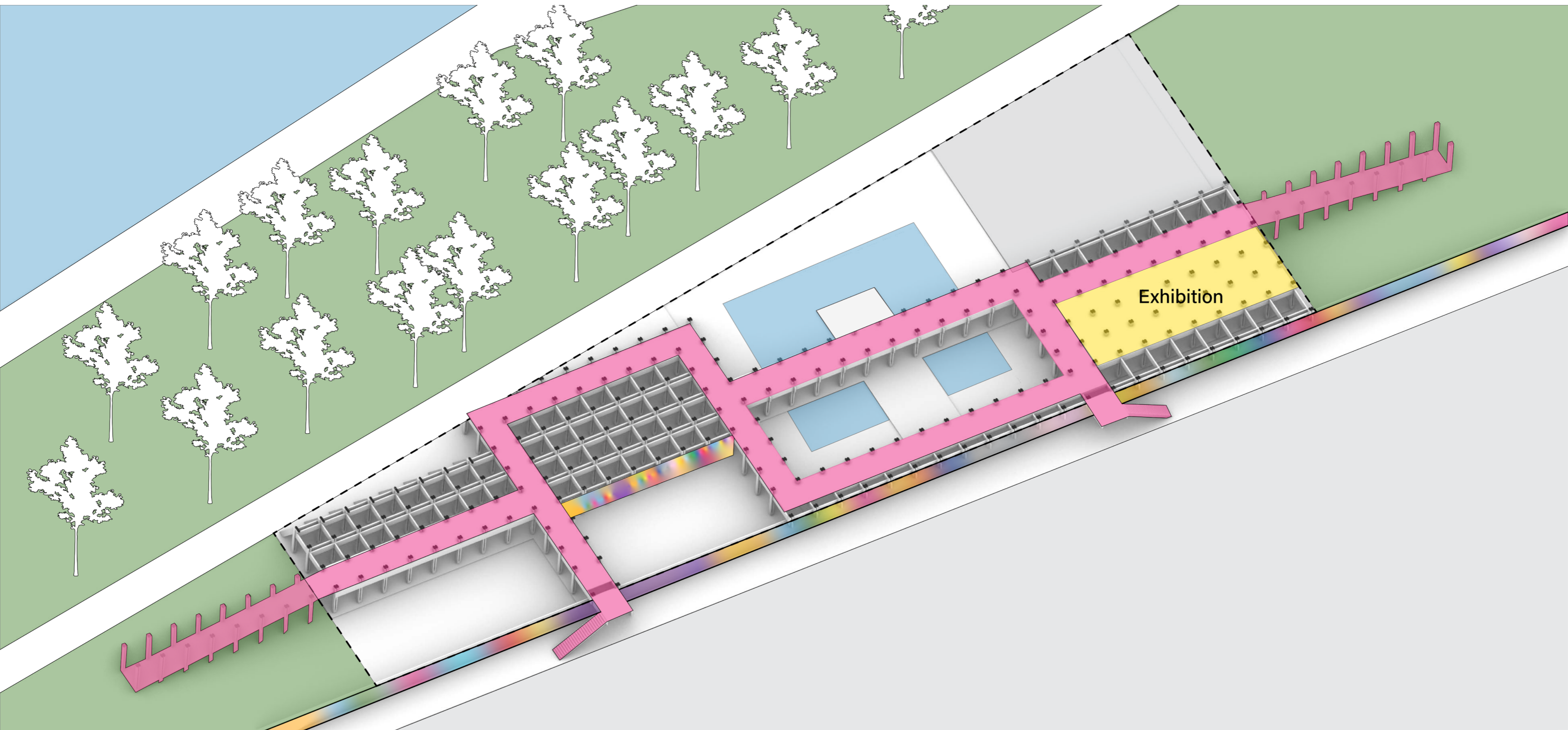
### (3) RETHINK

ways to re-introduce existing elements back into the design



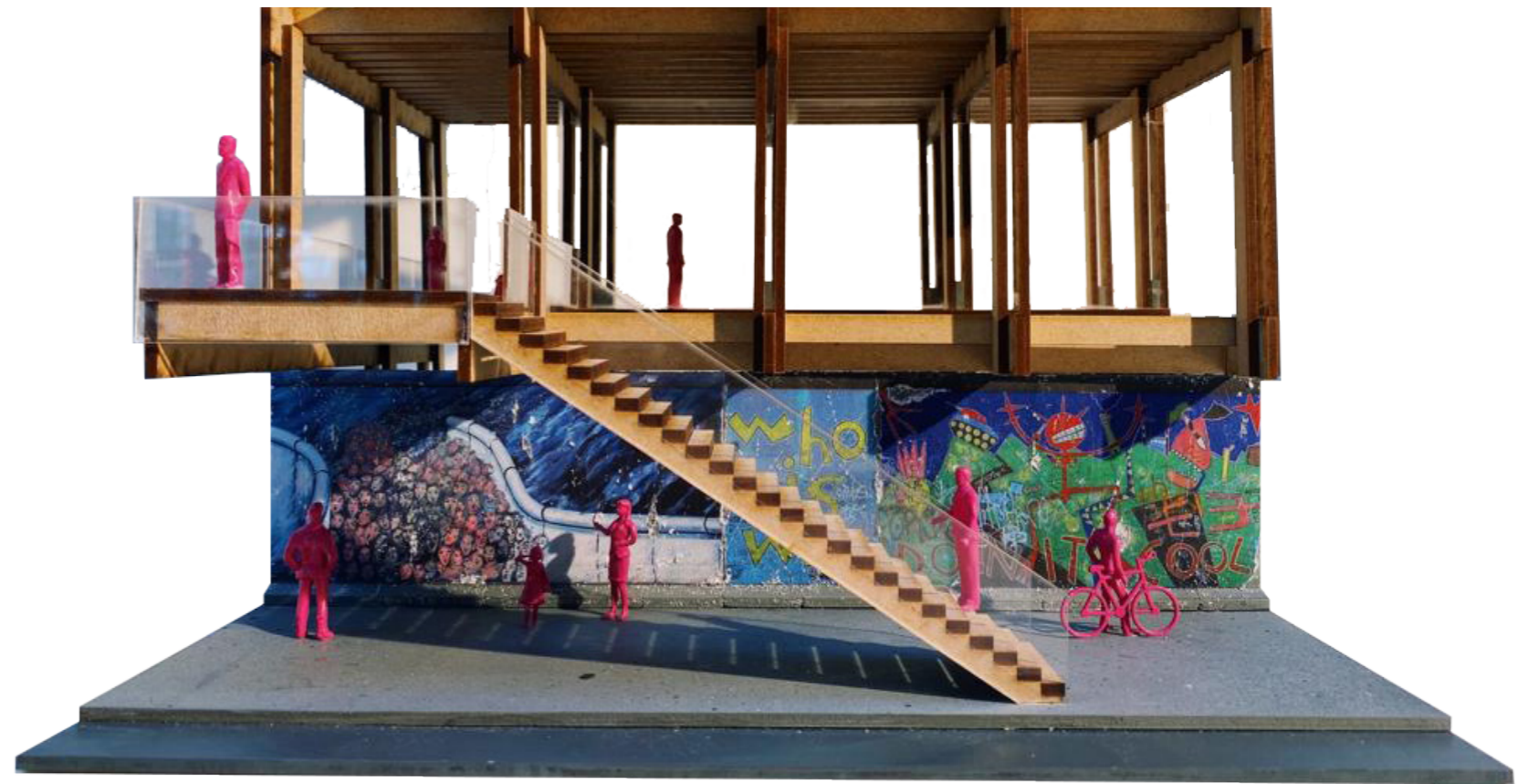
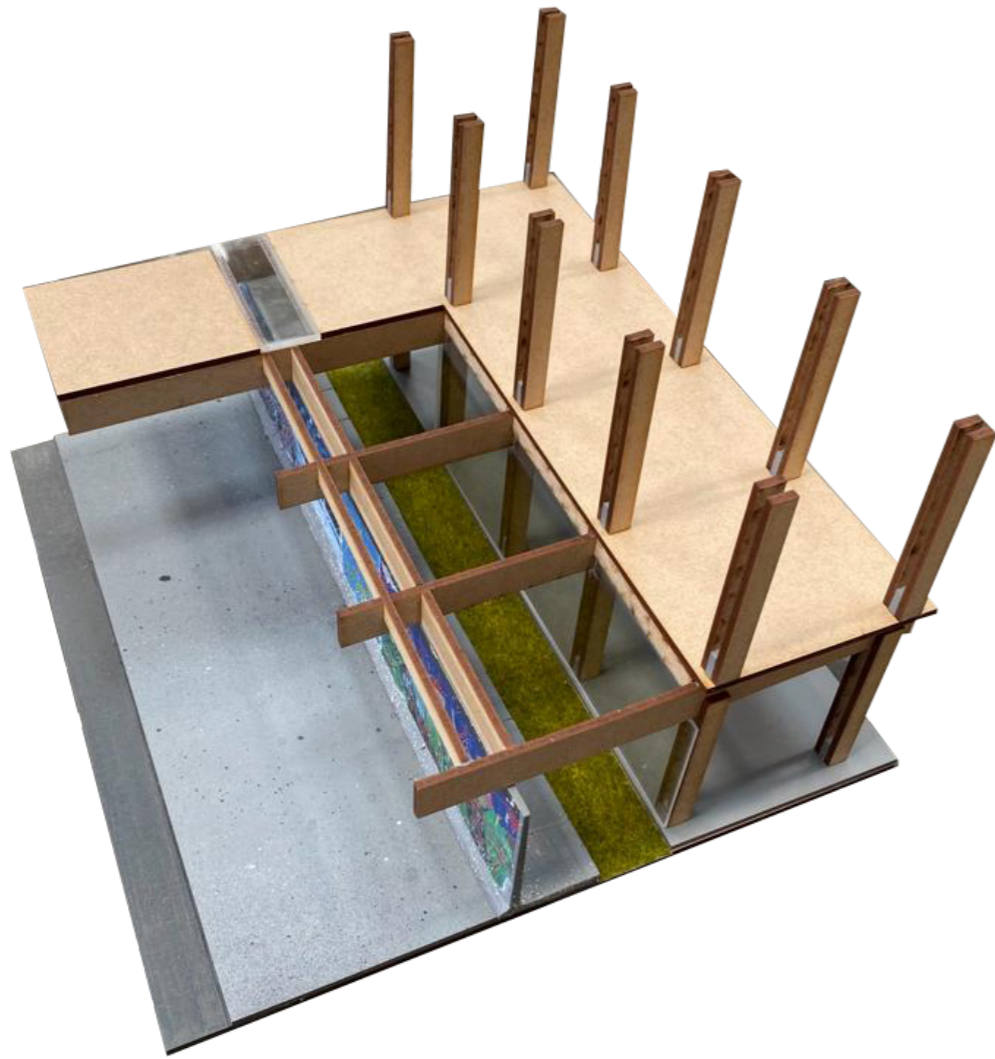
## (4) RESHAPE

the public experience to encourage interaction and engagement



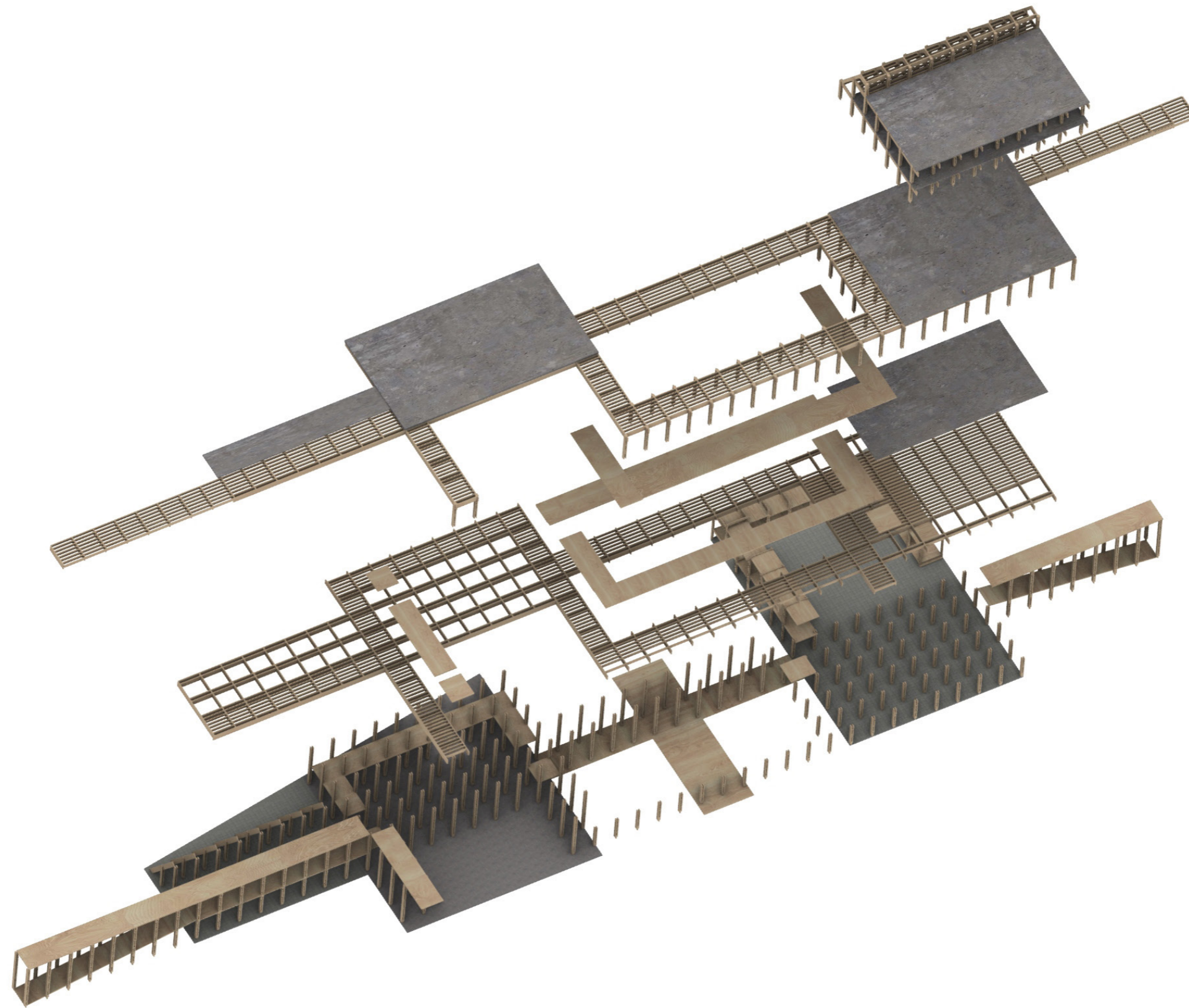
## (5) REIMAGINE

an intervention that celebrates the freedom that came with the Fall of the Wall



## (6) REMIND

the moment when the Wall came down

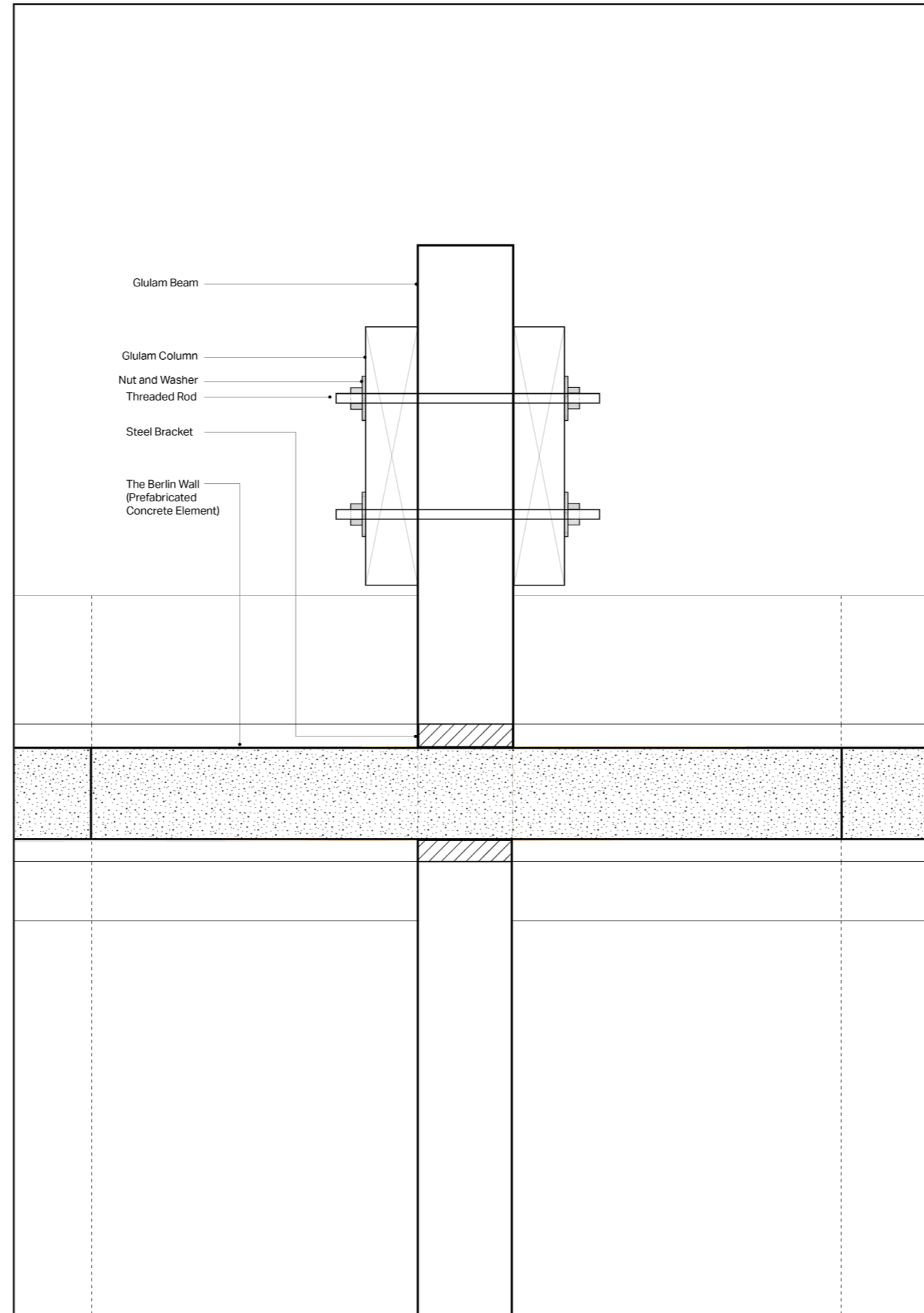


## (7) RESEARCH

Design for Dissassembly construction systems

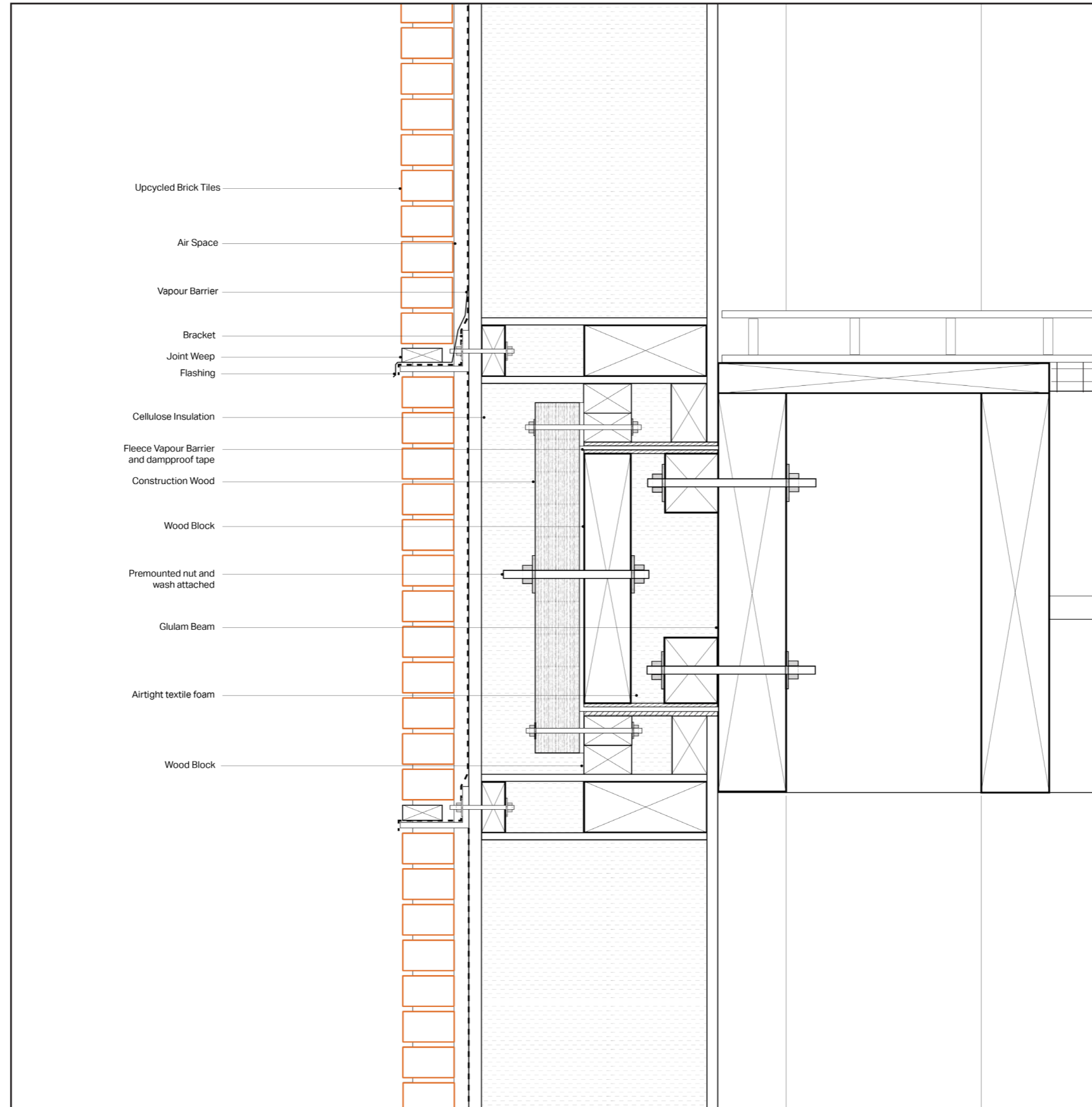
# Glulam Beam to Berlin Wall Connection

Detail (Plan), 1:5



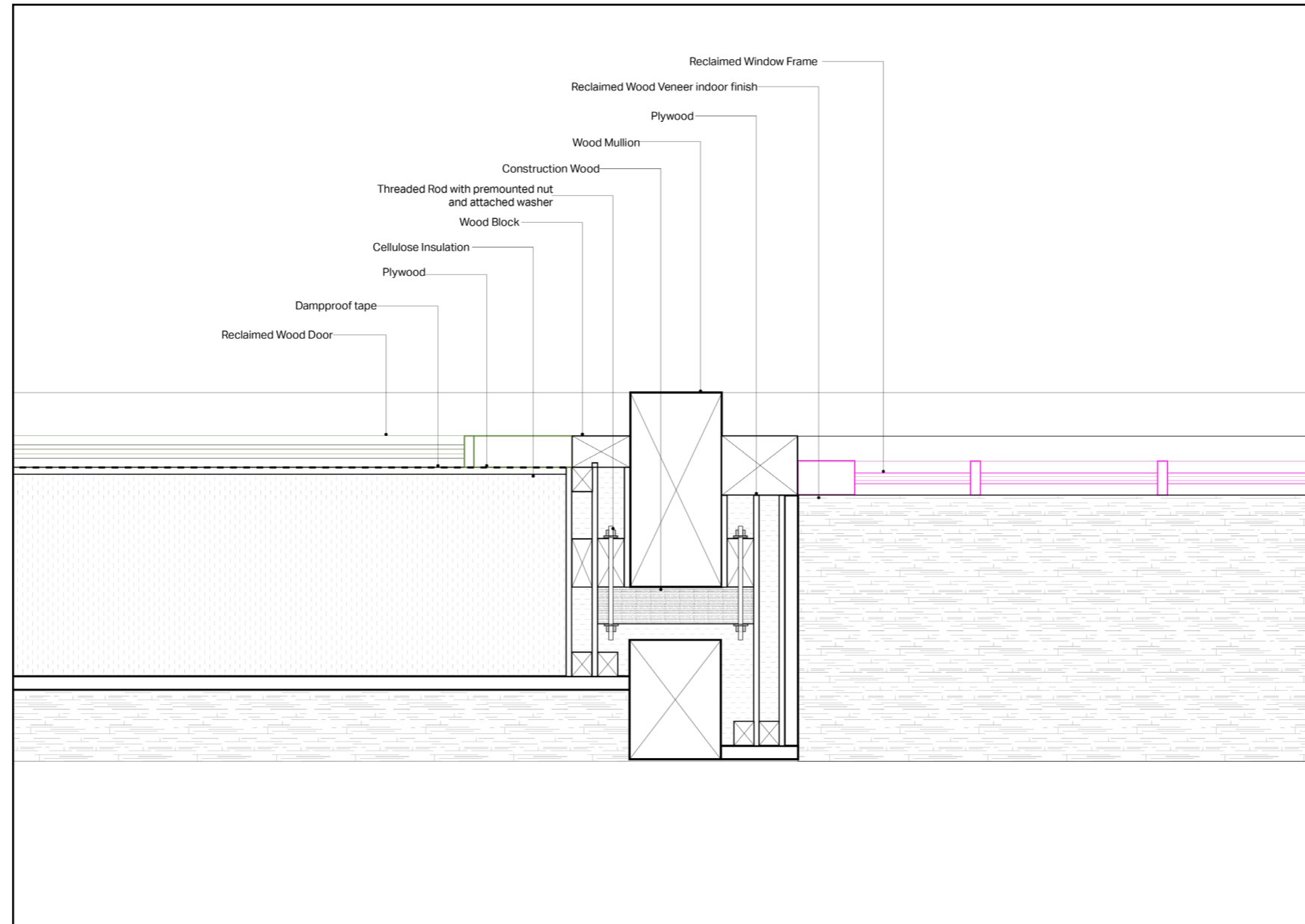
# Wall to Floor Connection

Detail (Section), 1:5



# Facade Panel to Panel Connection

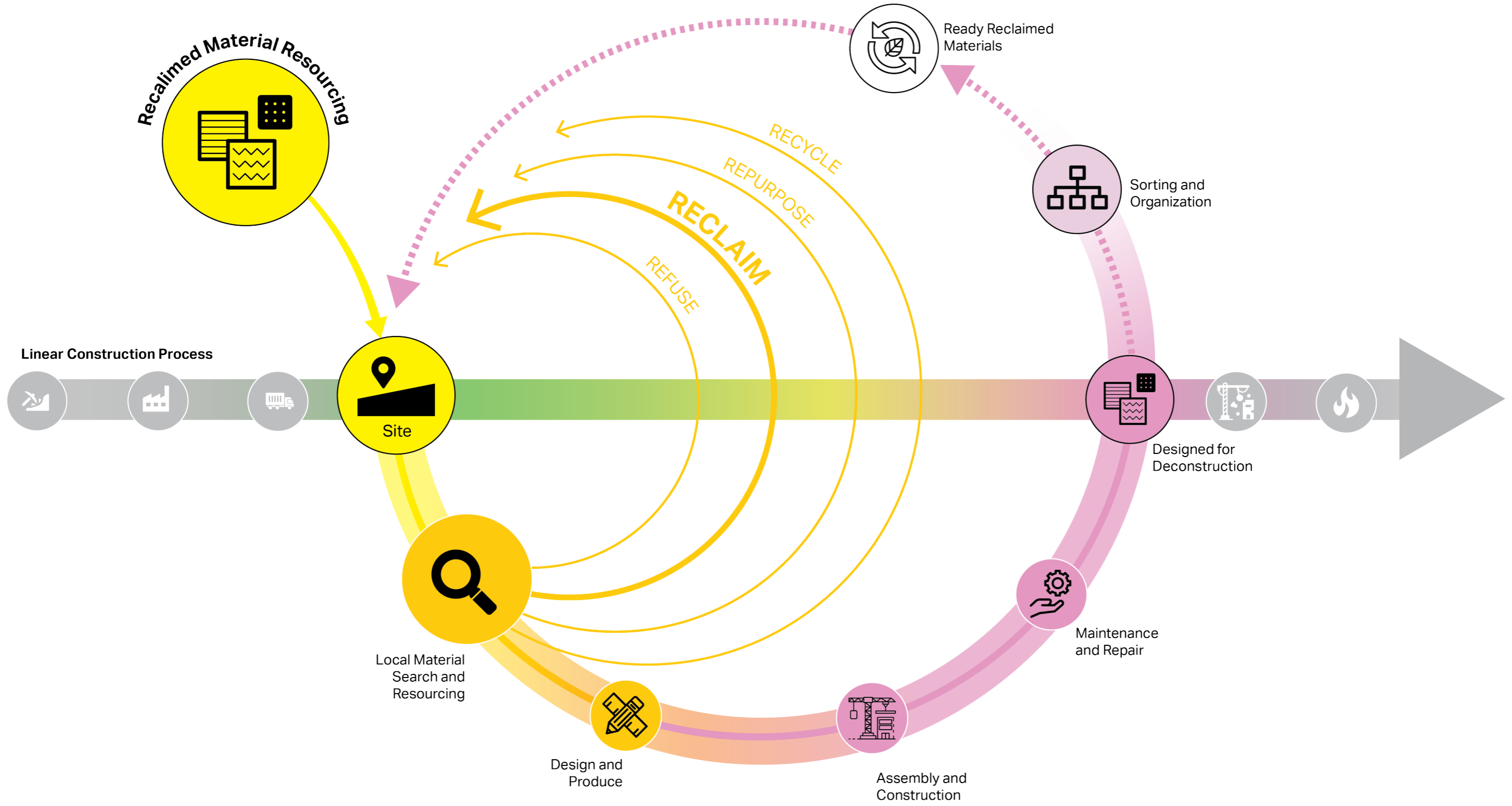
Detail (Plan), 1:5





# Reclaimed Material Sourcing

## Material Circular Strategy





## (9) RECLAIM

locally sourced scrap building materials to create a material palette

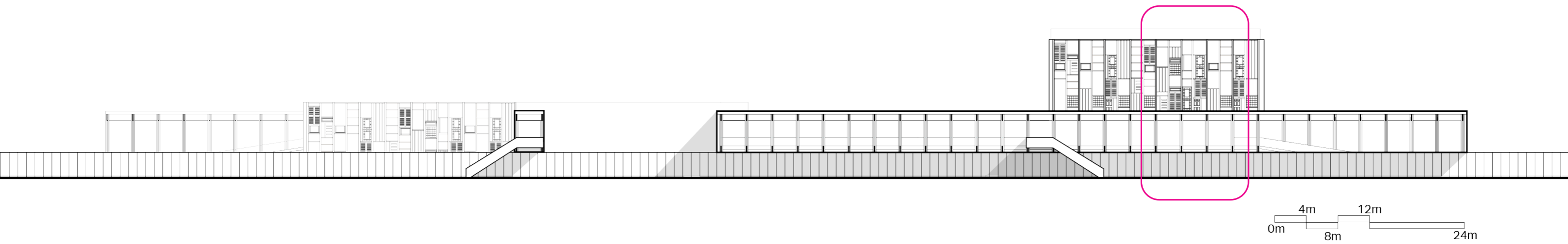


## (9) REMANUFACTURE

elements to fit within an envelope system

# North Facade

Elevation over the Berlin Wall



# North Facade (Berlin Wall)

Elevation, 1:100



# North Facade

## Wall Fragment

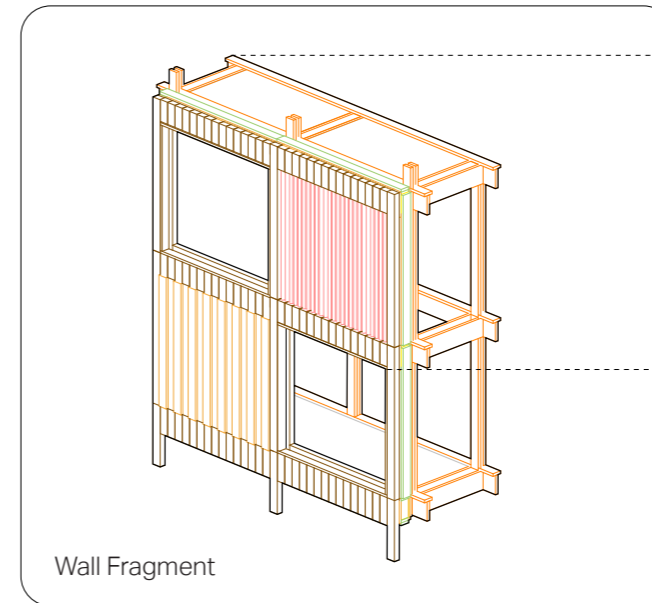


North Wall Fragment Elevation 1:20

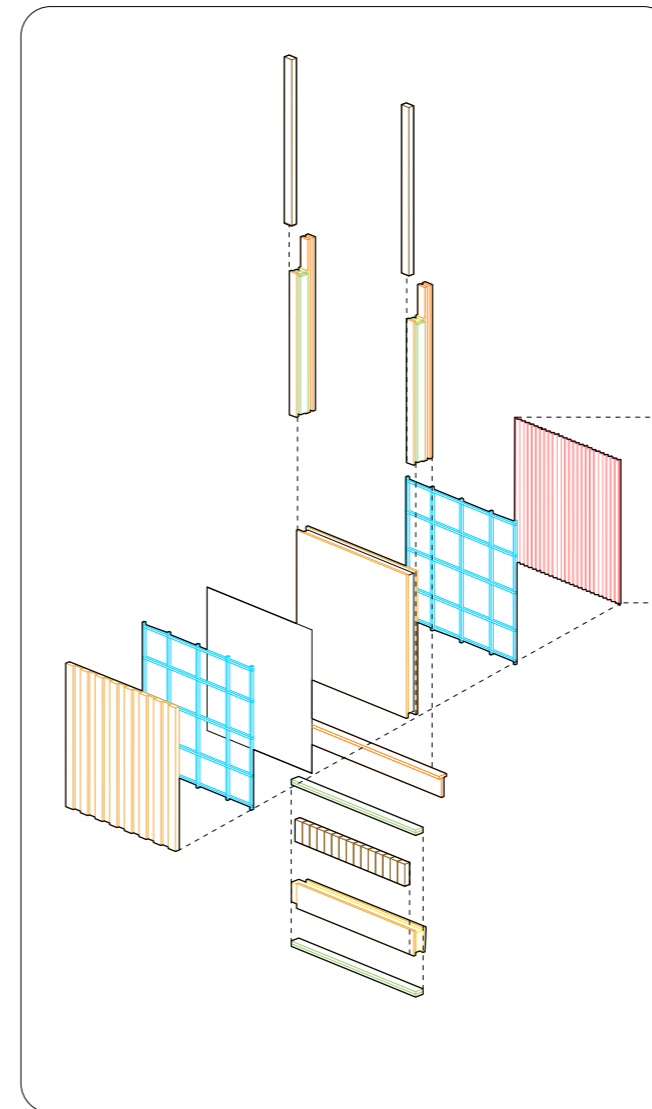
North Wall Fragment Section 1:20

# Sandwich Panel System

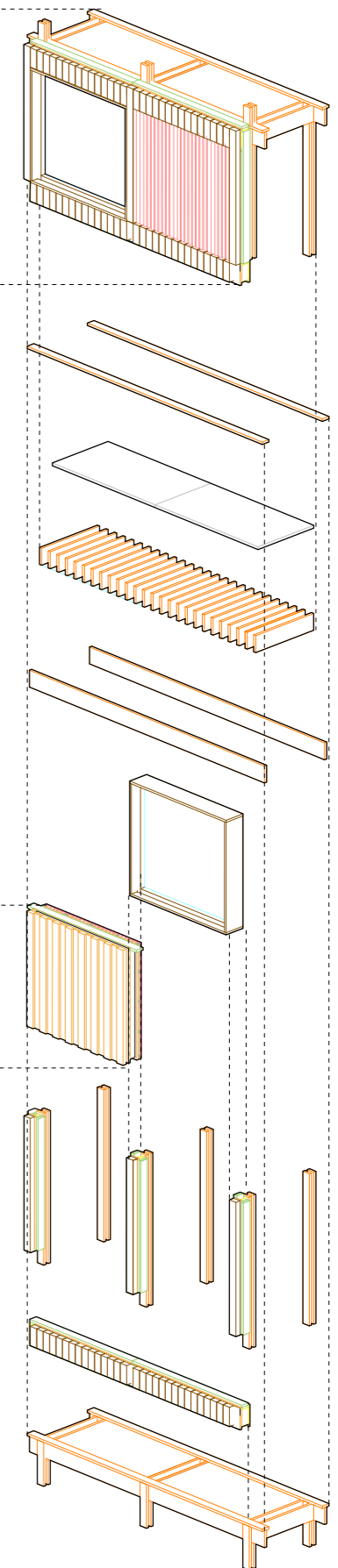
## Facade Assembly



Wall Fragment



Prefabricated Sandwich Wall Module -  
designed to have interchangeable facade  
claddings



Wall Fragment Assembly-  
Explode Axonometric View

# Reclaimed Material Wall Finish

Facade Axonometric



Exterior

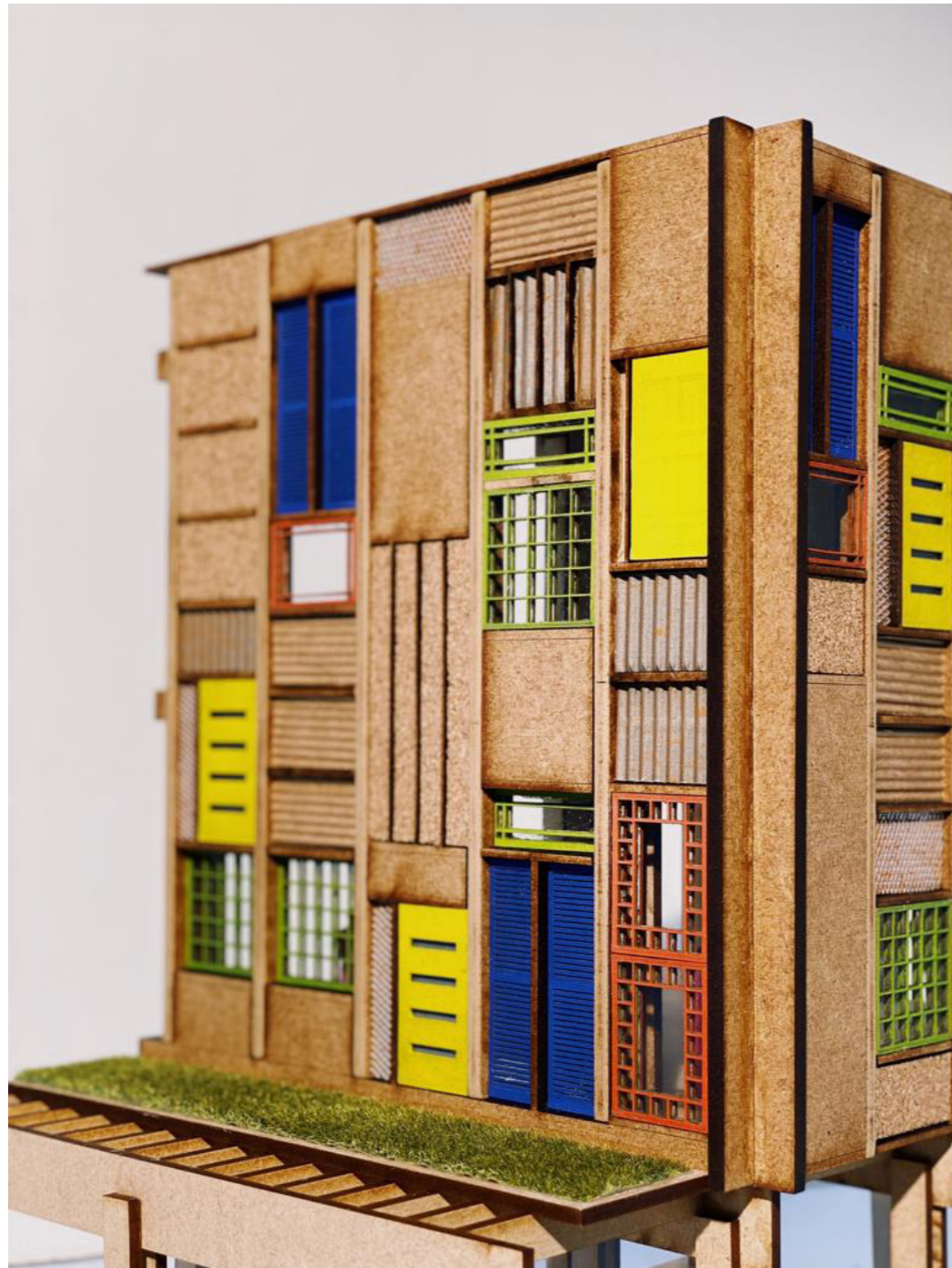


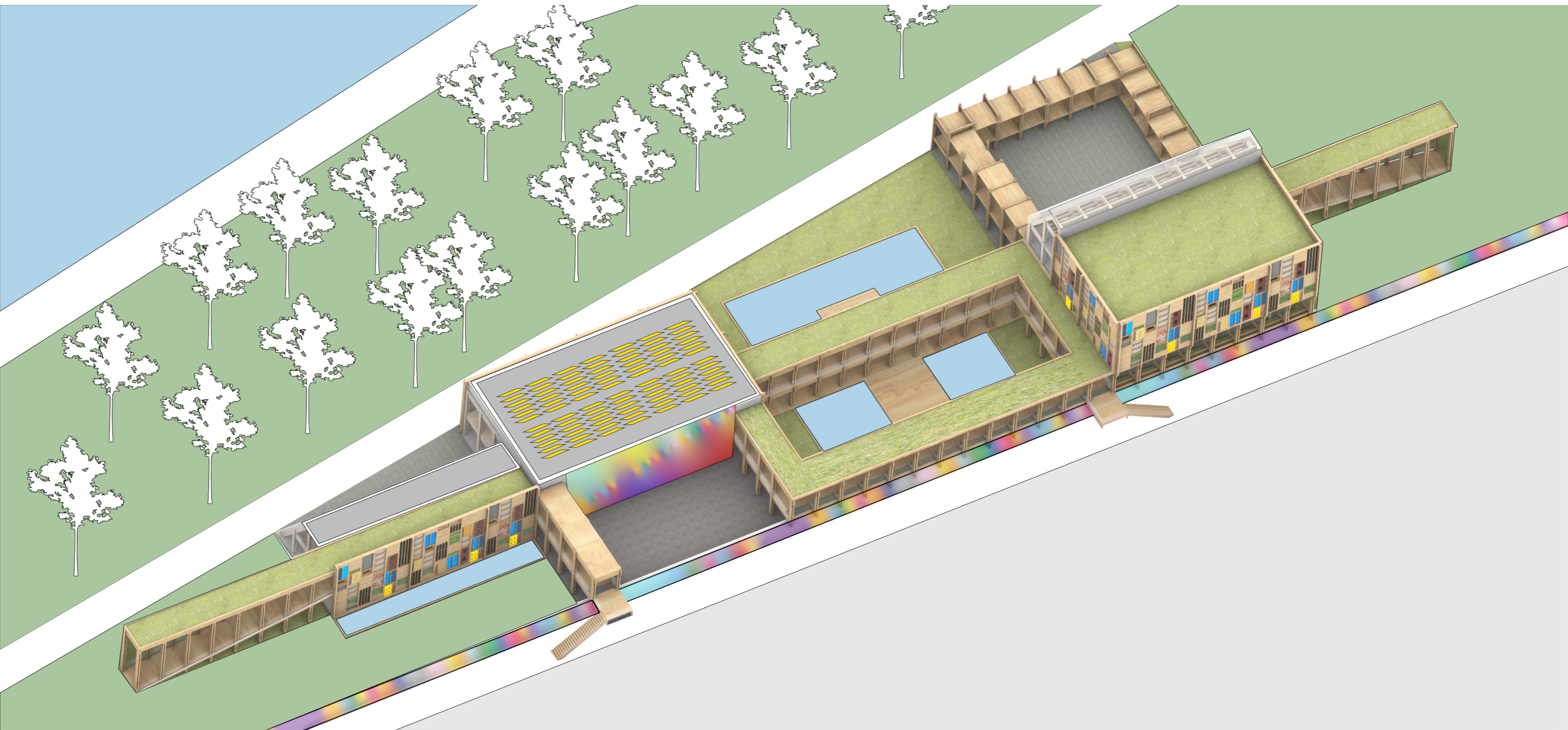
Interior



# Reclaimed Facade System

Physical Model



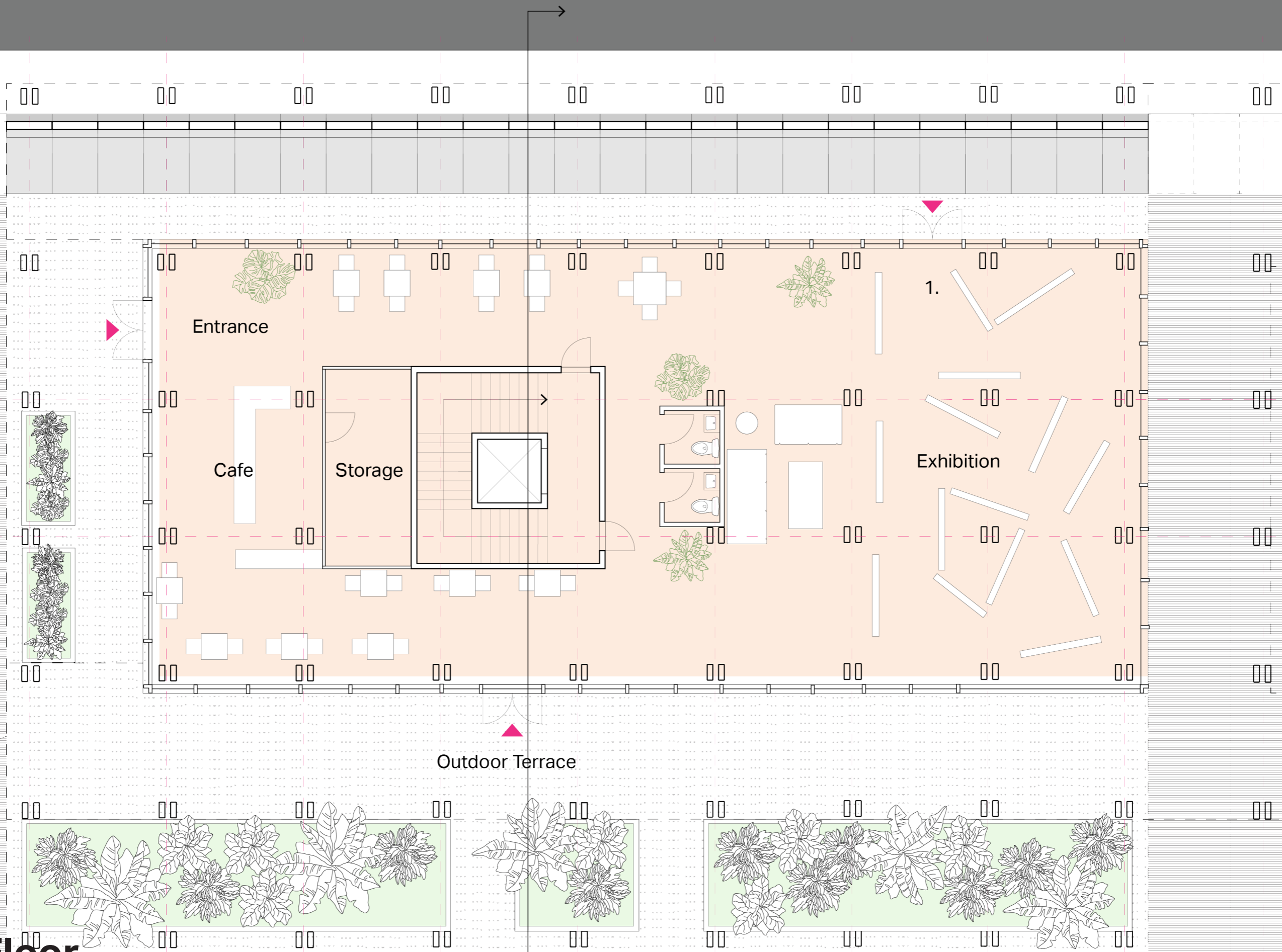


**(10) RESOLVE**  
a circular public building

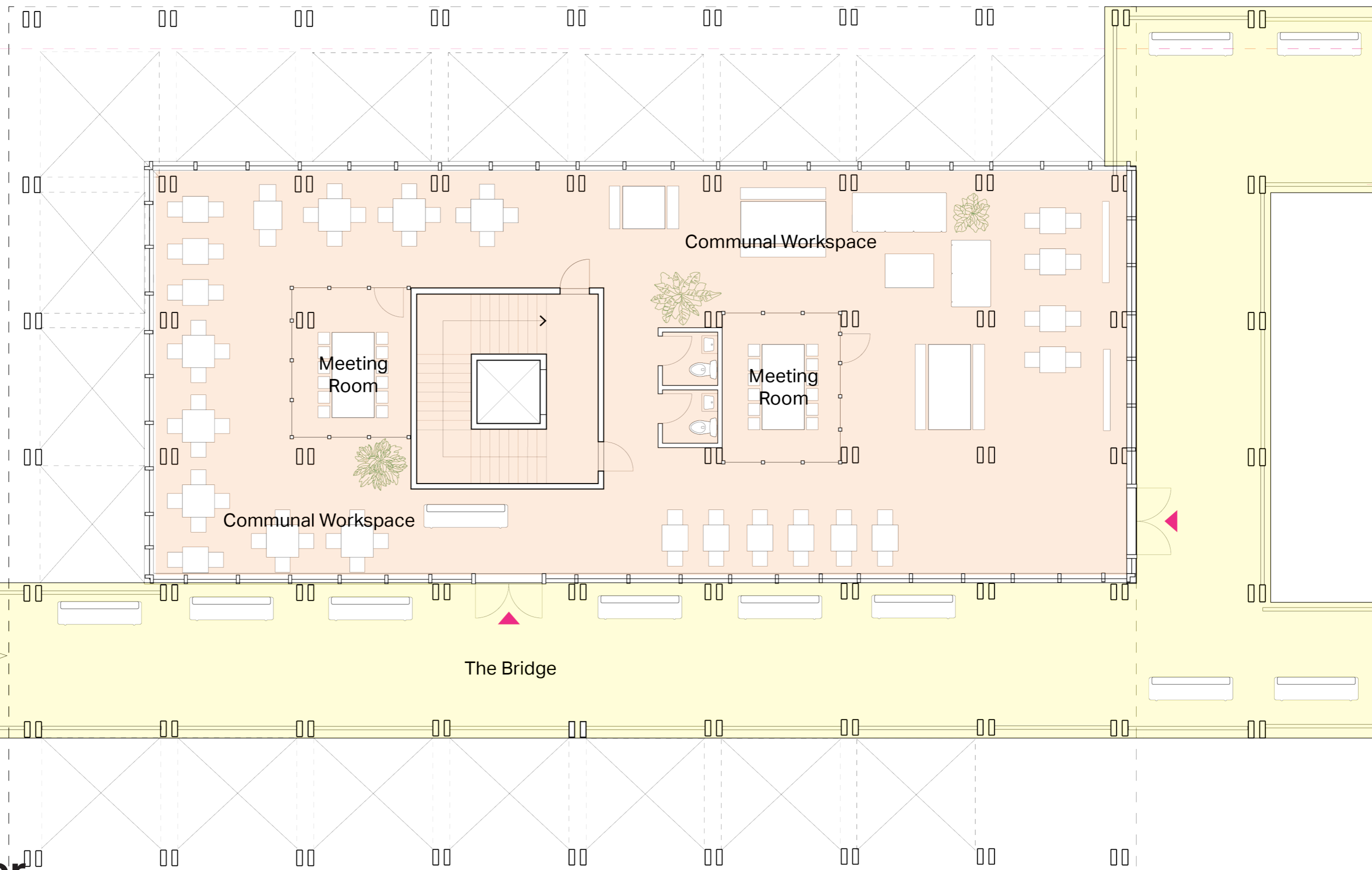
# Designing a Public Art Space

Building 01

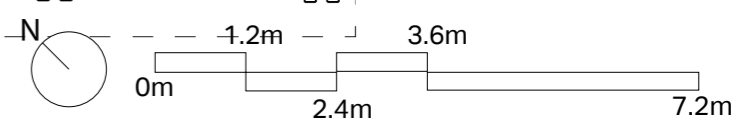


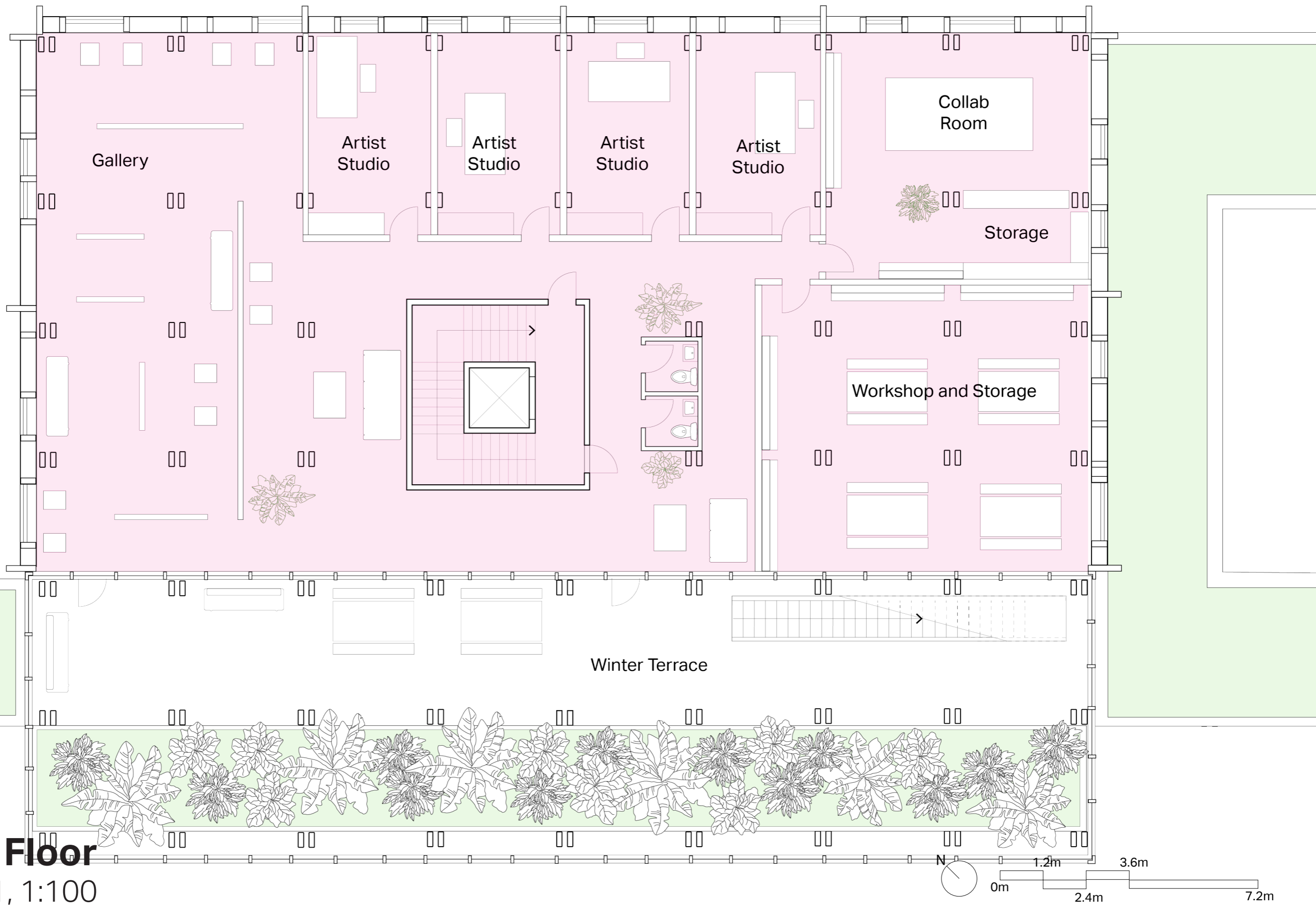


**Ground Floor**  
Building 01, 1:100

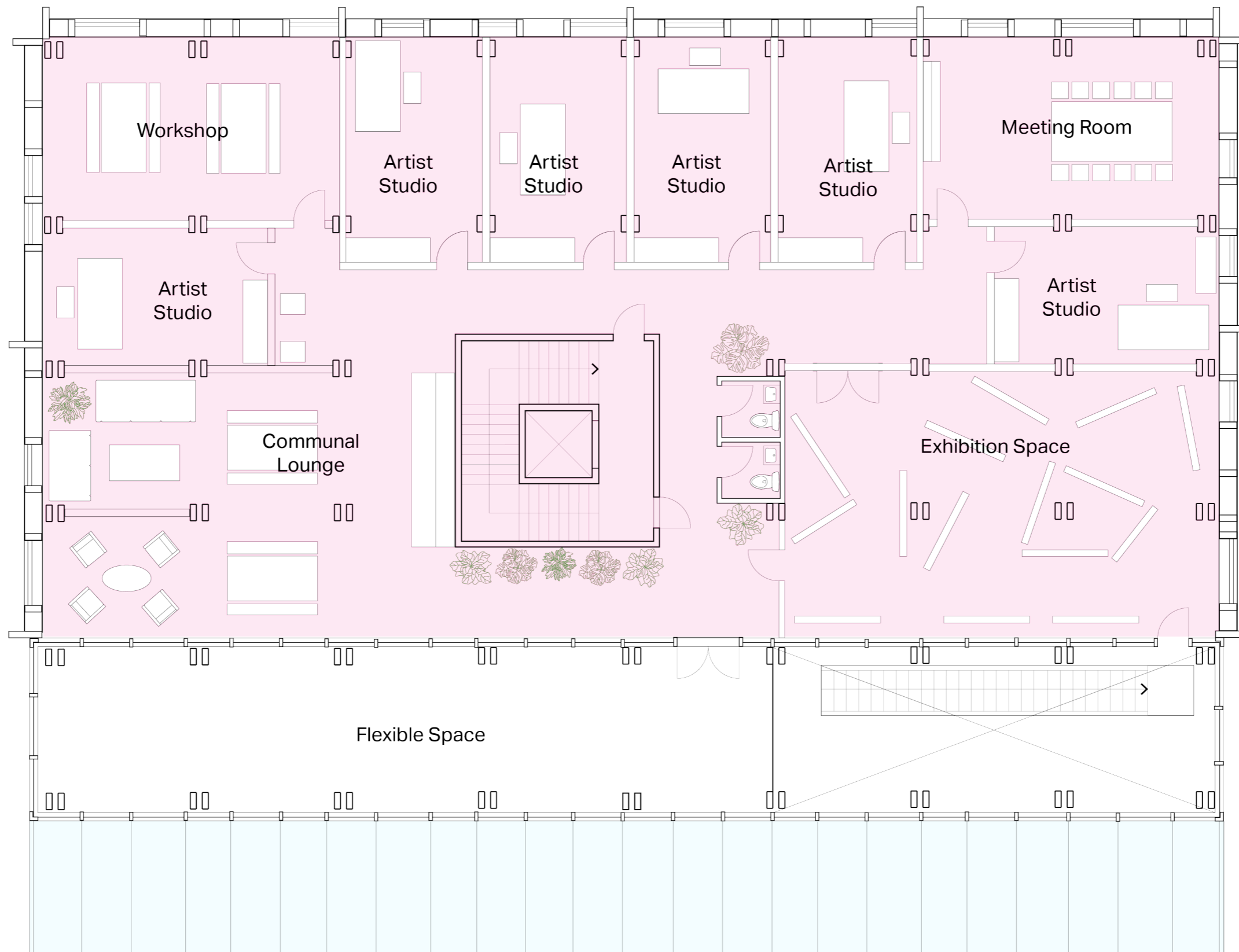


**First Floor**  
Building 01, 1:100

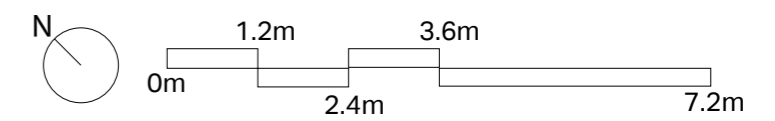




**Second Floor**  
Building 01, 1:100



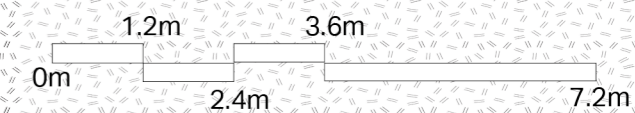
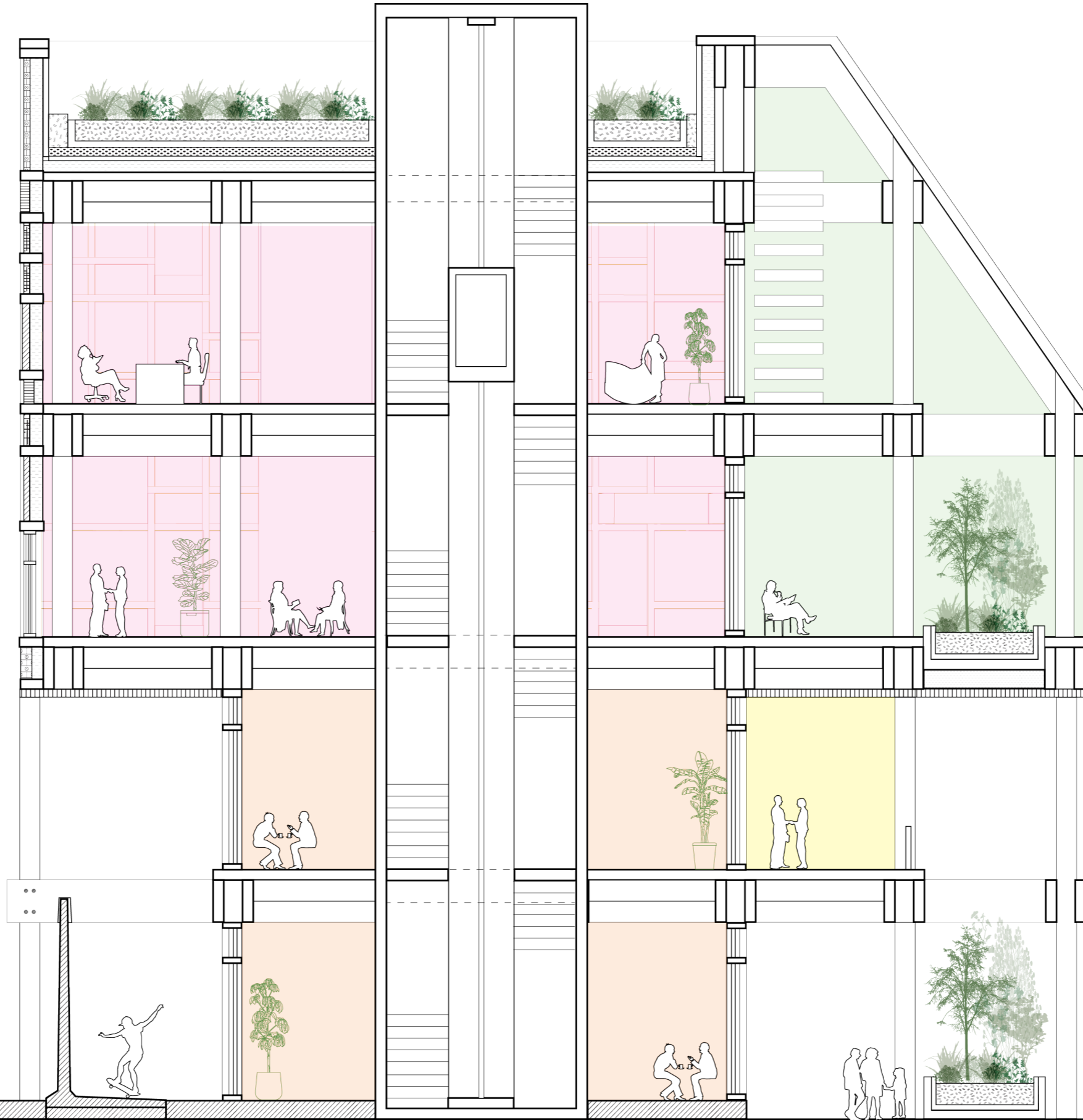
**Third Floor**  
Building 01, 1:100



# Spatial Relations

Section, 1:100

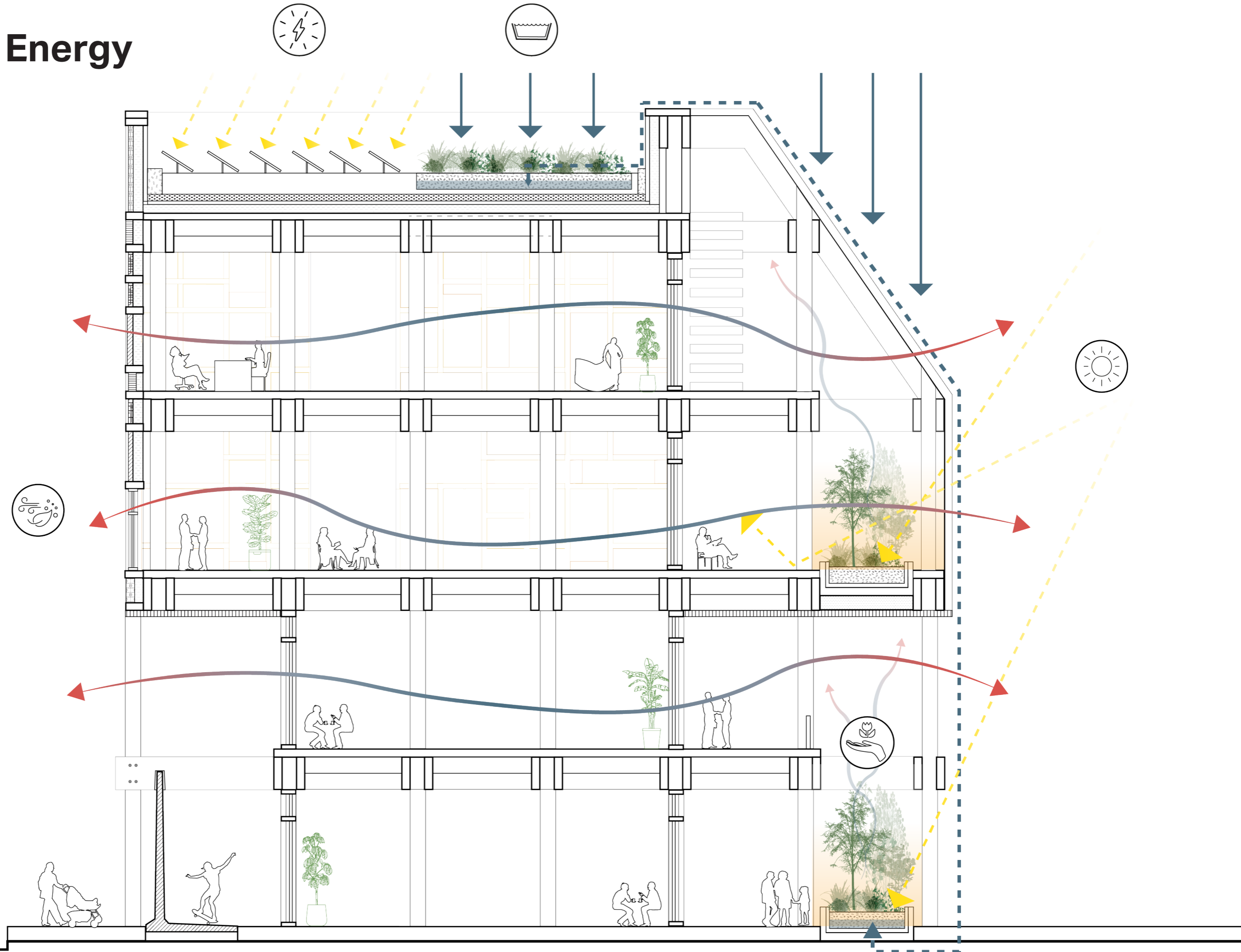
- Mixed Studio Spaces
- Cafe / Co-working
- Public Bridge
- Winter Garden





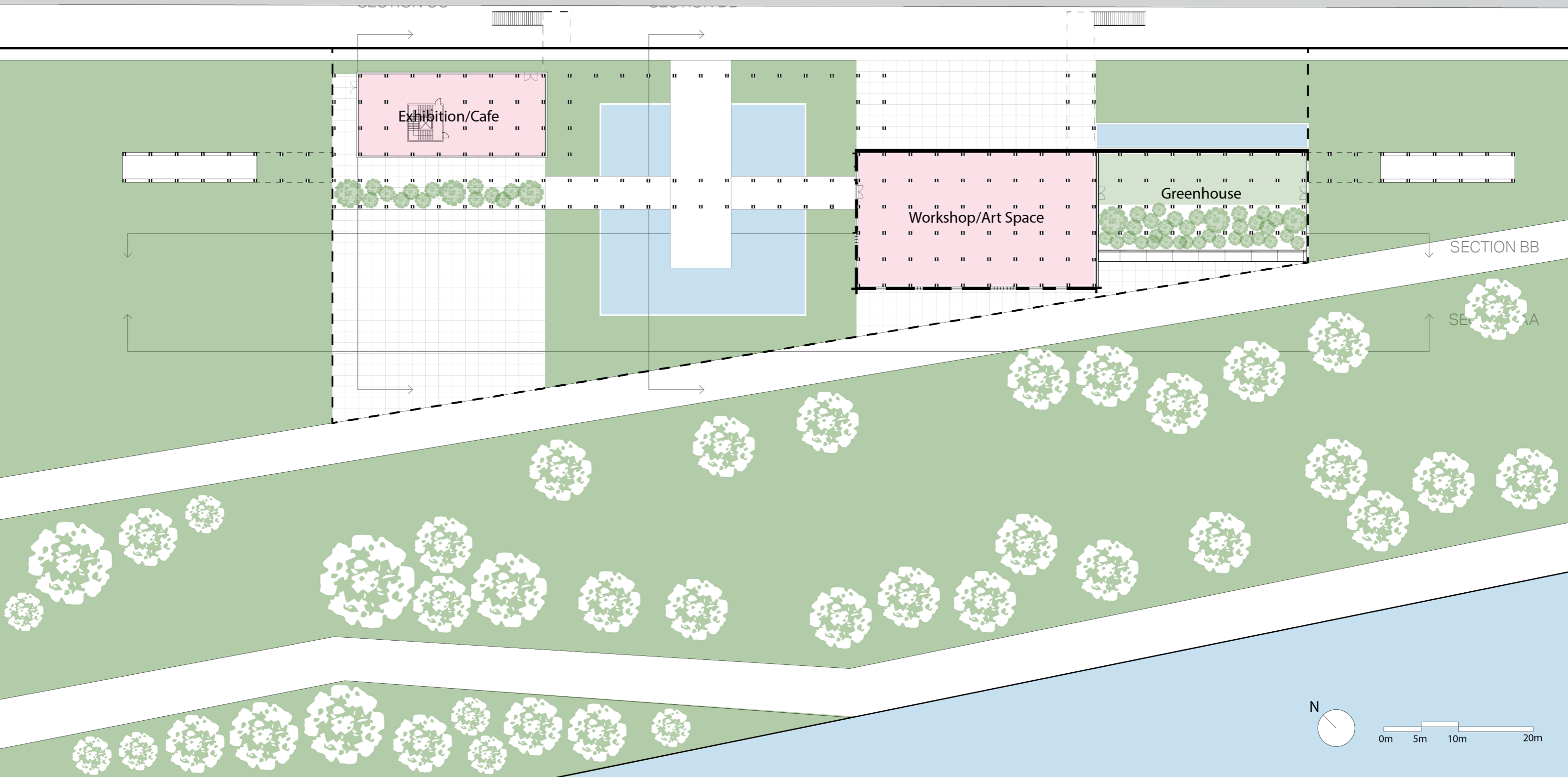
# Climate and Energy

Section, 1:100



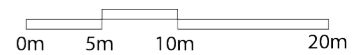
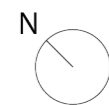
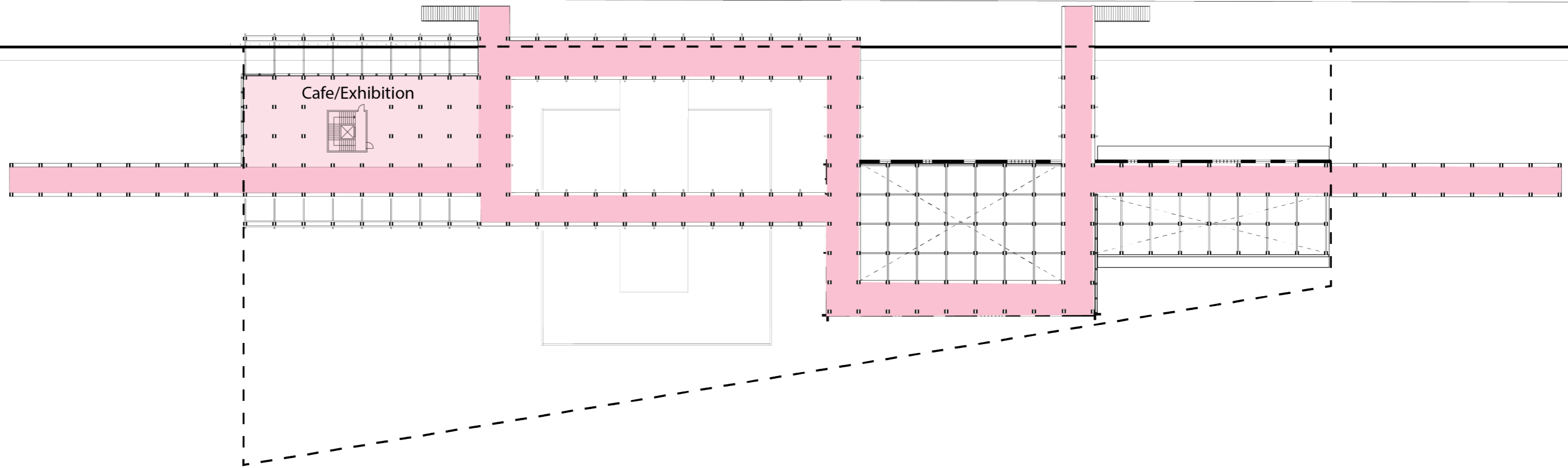
# Ground Floor

Plans, 1:500



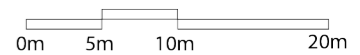
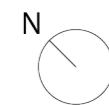
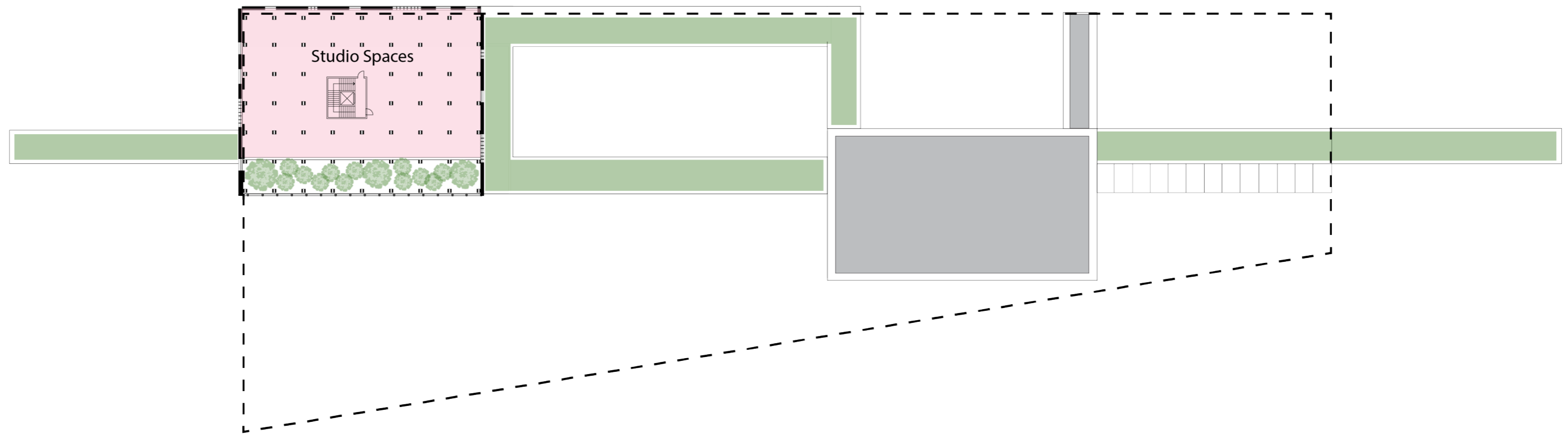
# First Floor

Plans, 1:500



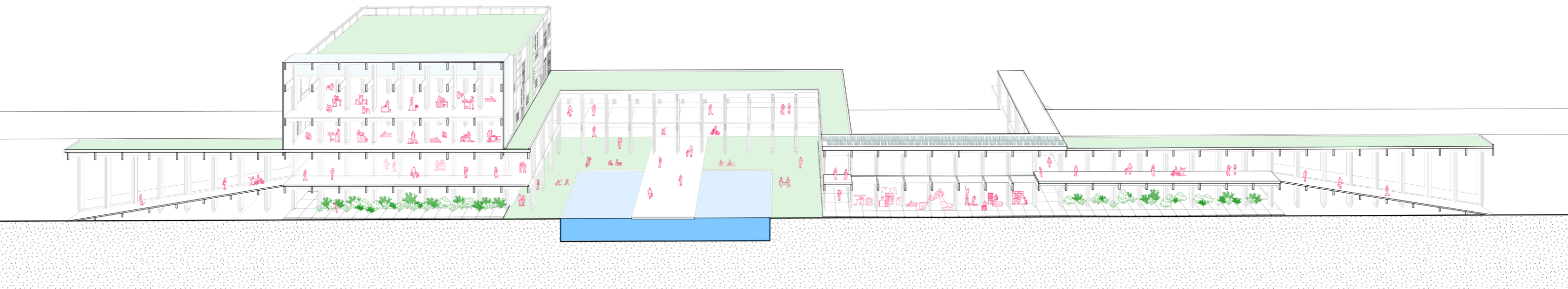
# Second Floor

Plans, 1:500



# Architectural Promenade

## Sectional Perspective



# Architectural Promenade

Approach to Building



# Architectural Promenade

Alongside the Public Art Exhibition/Gallery



# Architectural Promenade

By the Natural Pool





# Architectural Promenade

Across the Streetart Plaza



# Architectural Promenade

## Through the Artist's Workshop



# Architectural Promenade

Out through the Community Greenhouse



# Architectural Promenade

Up to the Bridge



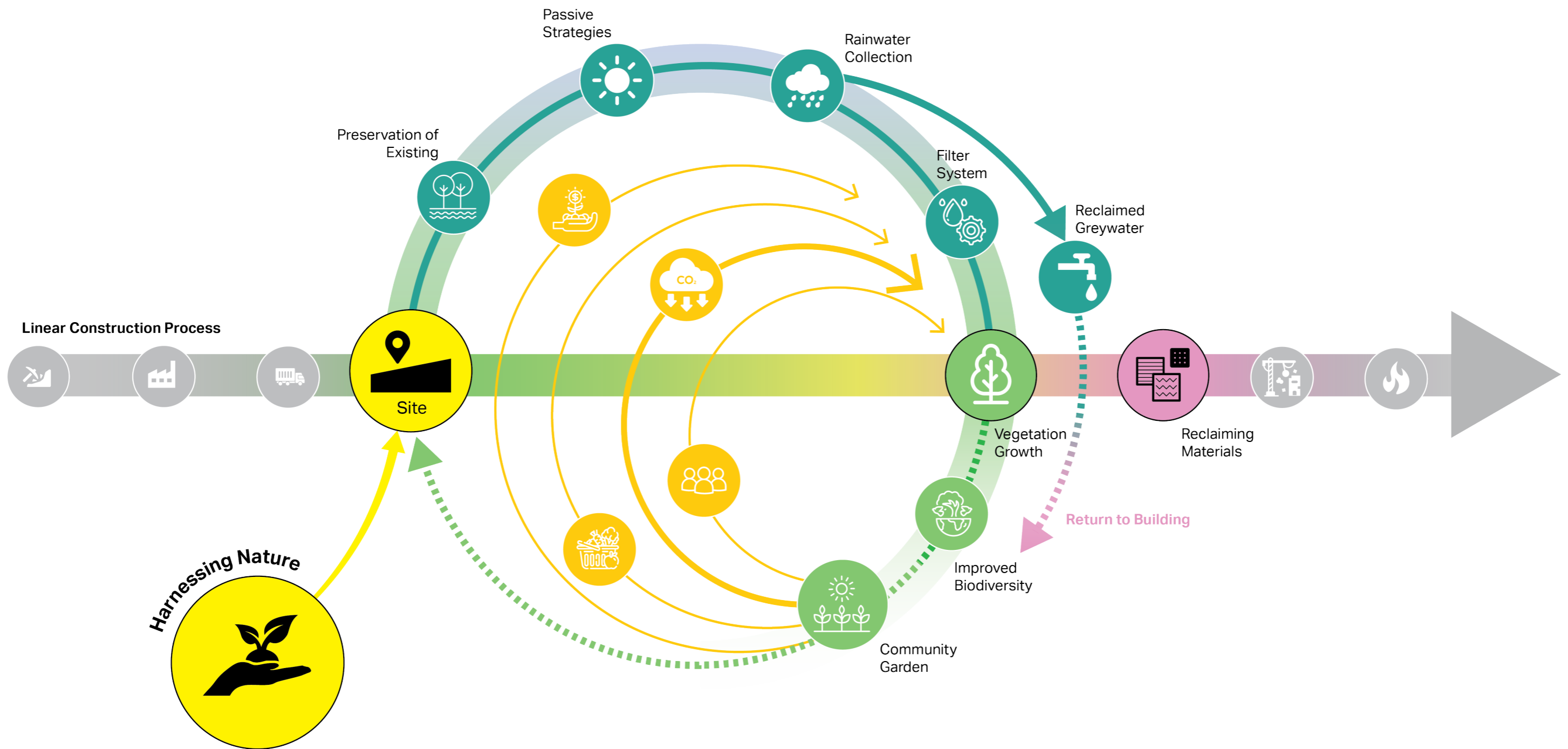
# Architectural Promenade

Exit out down the Stairs back to the street



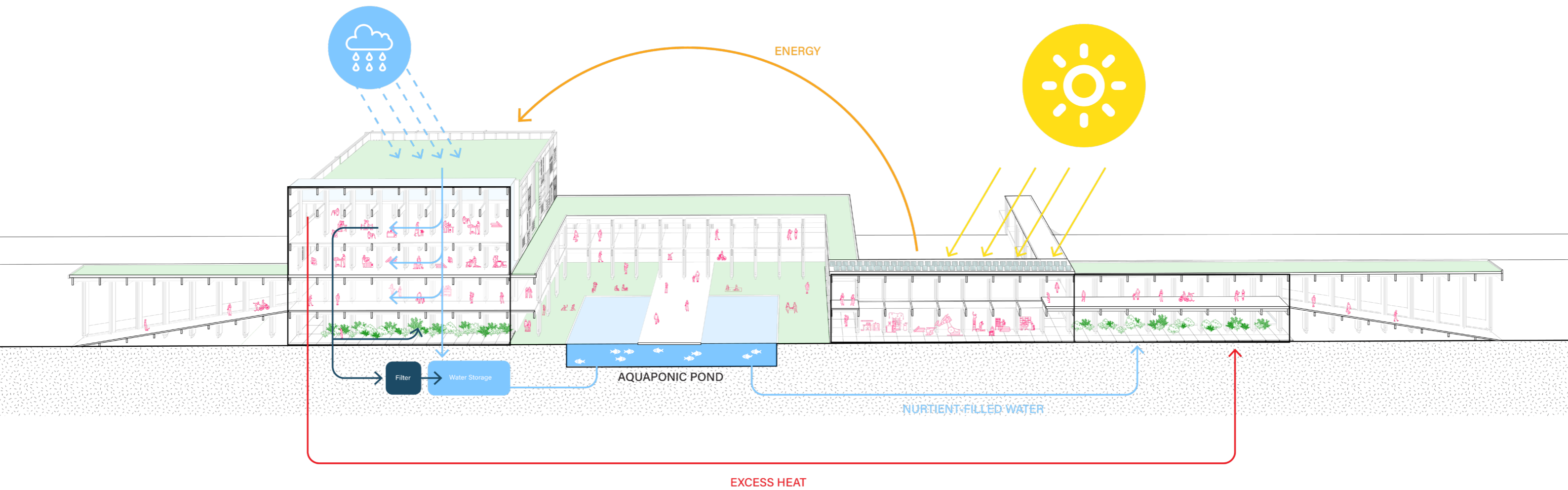
# Harnessing Natural Resources

## Natural Circular Strategy



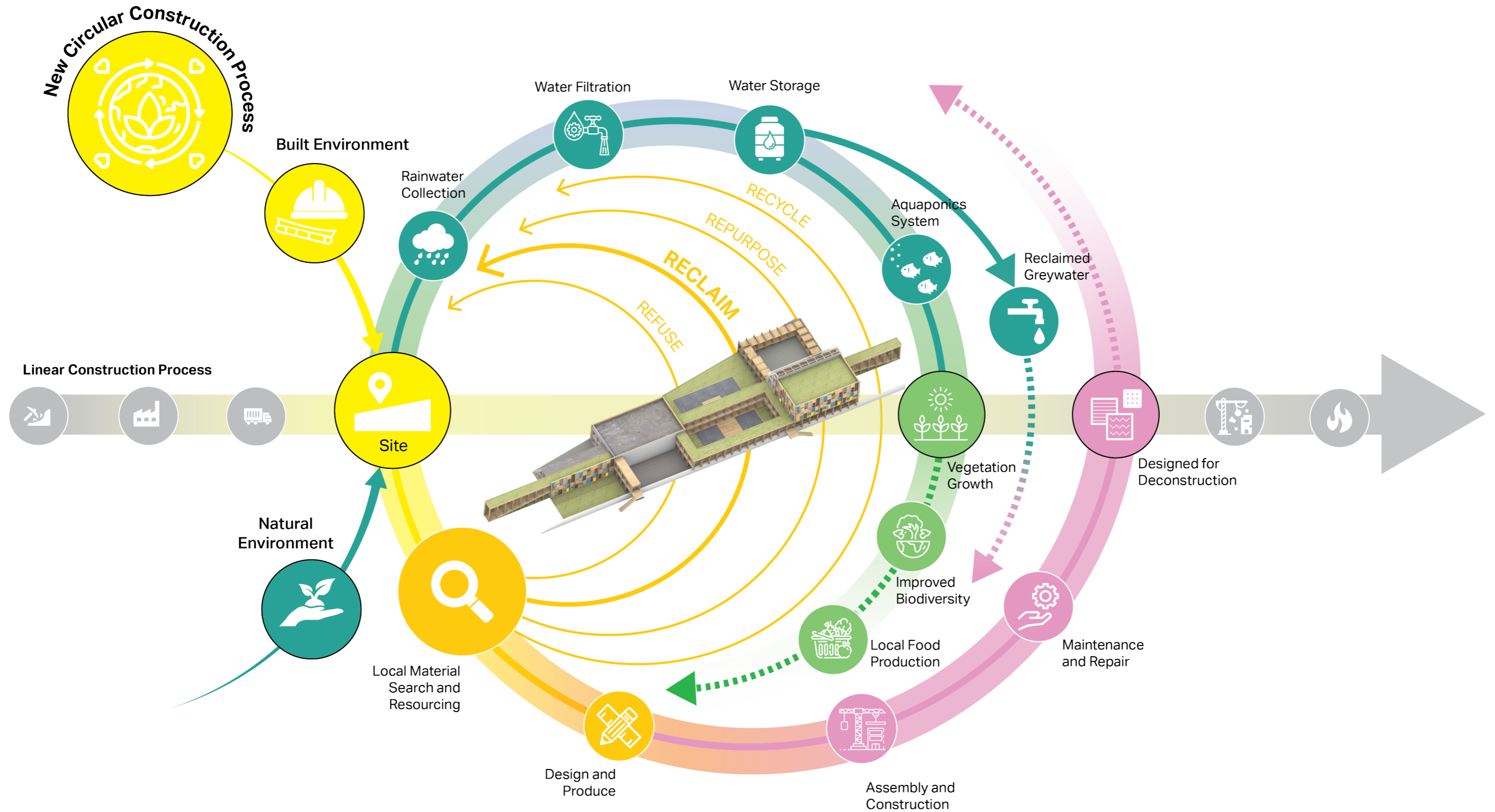
# Harnessing Natural Resources

Strategy applied to the Building



# A Circular Construction Process

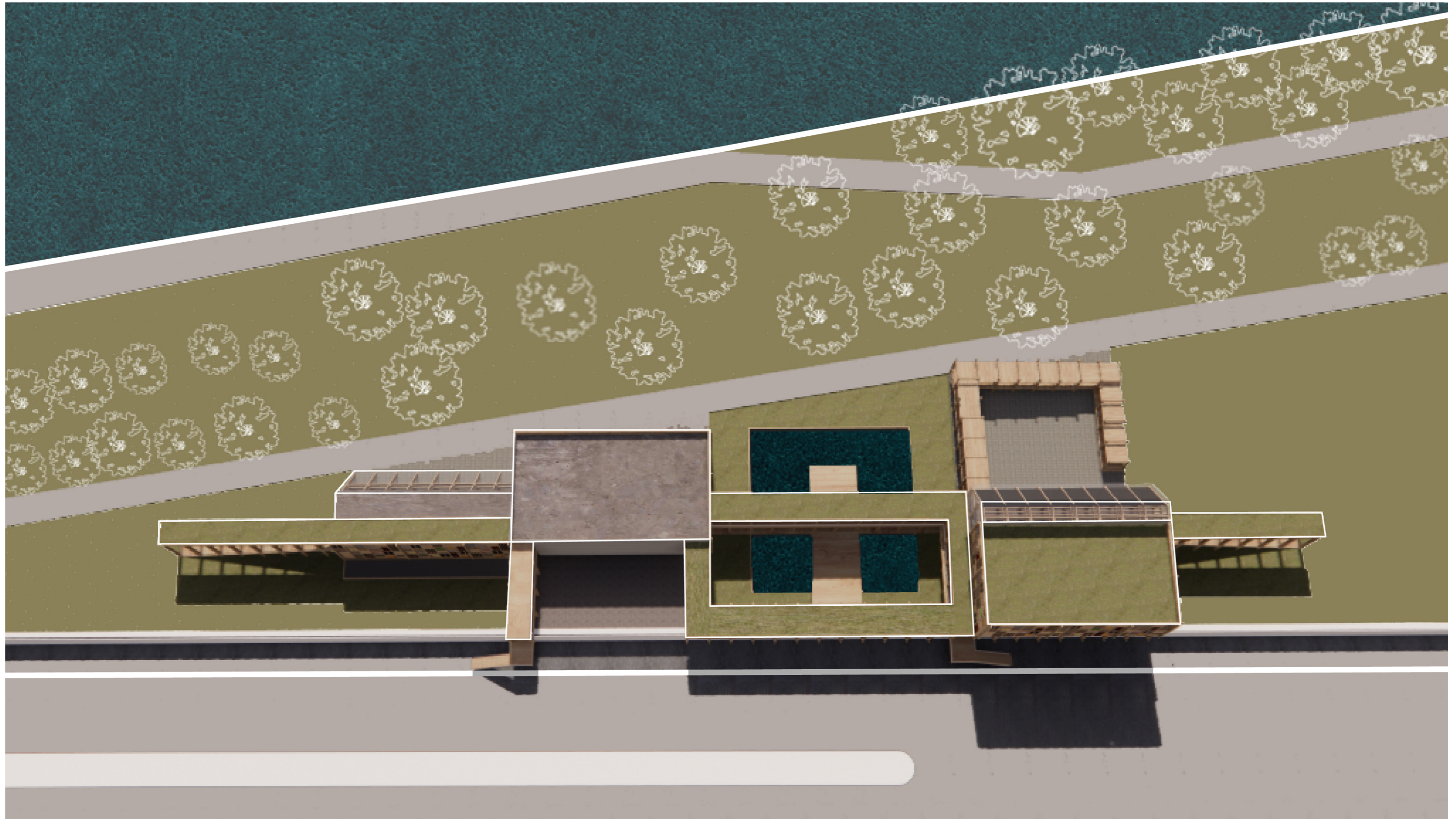
Lifecycle of a Circular Building Model





# A Public Condenser

Aerial View of Project



Thank you :)

(the end)

