



**Politecnico  
di Torino**

# **ARCHITECTURAL CONCEPT**

**Elena Vigliocco – Luca Staricco – Alice Barreca**

## **HERITAGE RENOVATION AND ENHANCEMENT PROJECT**

Group 1 : Borchartt Ana Eliza – Quennesson Laetitia – Prax Marie Lou – Sharapova Adelina – Okyay  
Berrak Ilgin – Budaili-Khasanshina Ziliia – Singh Bisht Kartikeya

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## **ARCHITECTURAL CONCEPT**

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HISTORICAL ANALYSIS

CONCEPT

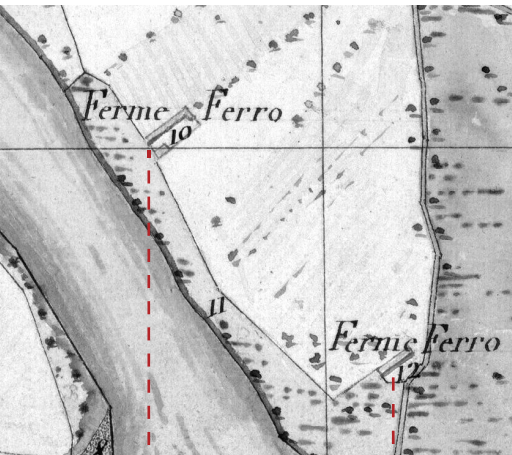
MASTERPLAN

FOCUS POINTS

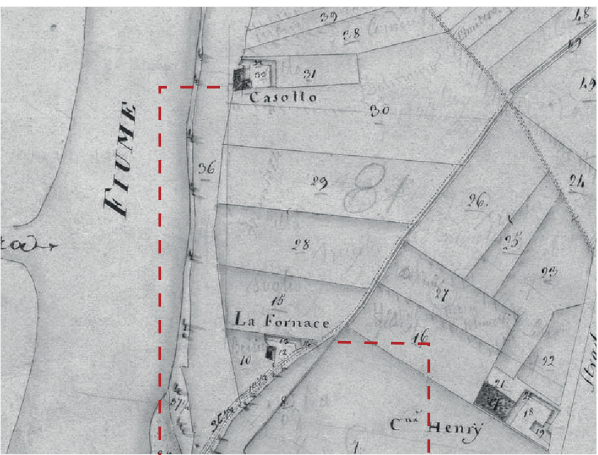
# HISTORICAL ANALYSIS : THE CASOTTO AND CASCINA CALCINA

Via San Tommaso Agudio 35

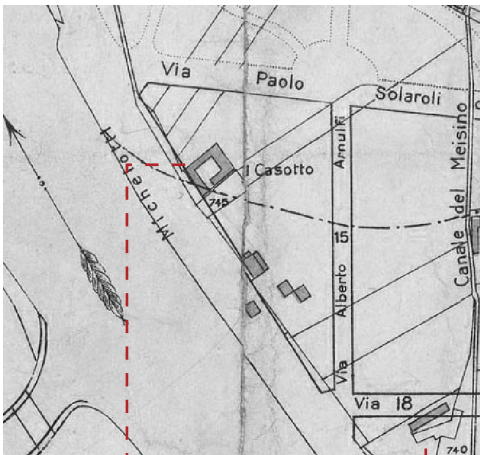
“Ferme Ferro”  
Napoleonic Cadastre, 1805



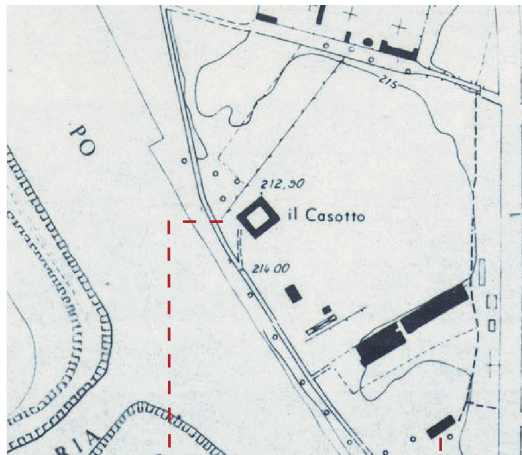
“La Fornace”  
Gatti Cadastre, 1820–1830



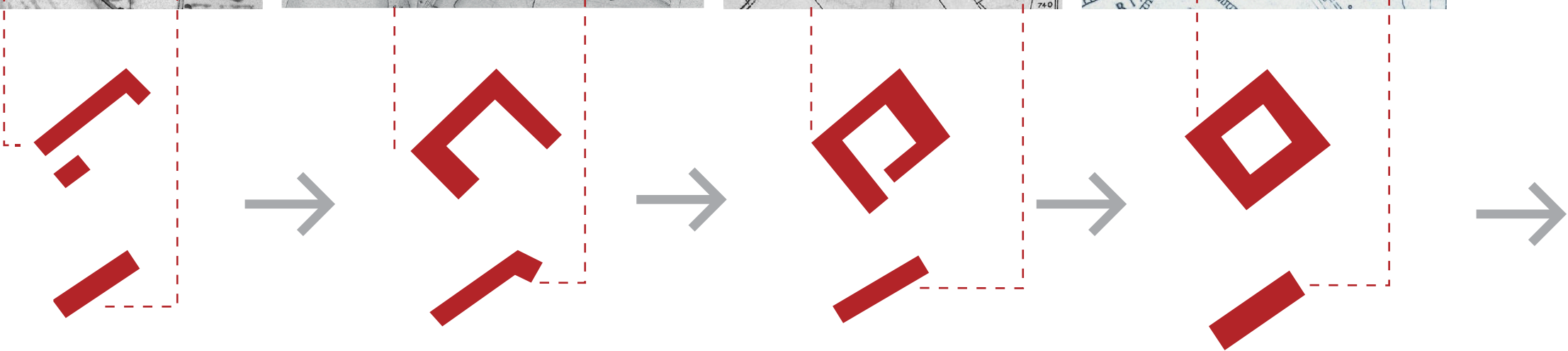
Map of Turin,  
1935



Military Geographic Institute,  
Map of Turin, 1974

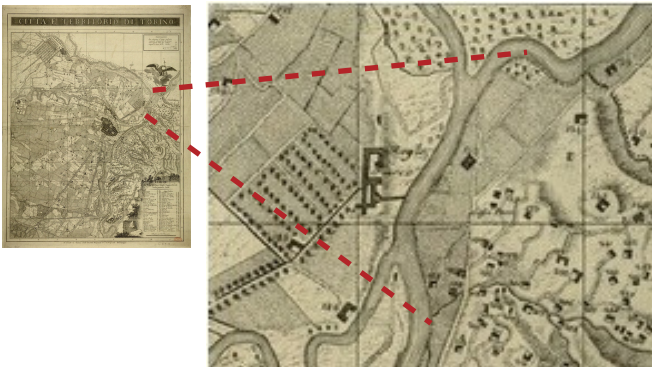


Today, in good condition and privately owned,  
it is used as a residential property

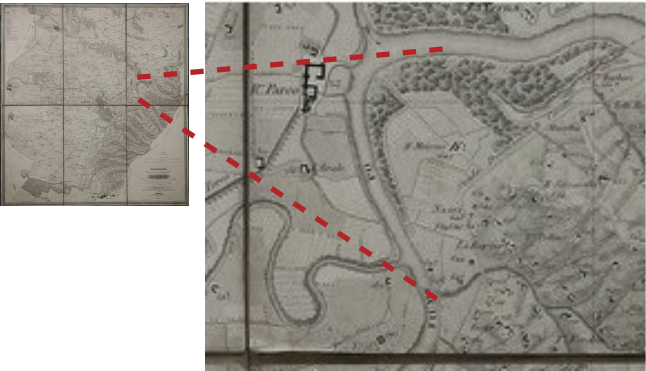


# HISTORICAL ANALYSIS : CHANGE OF THE STRUCTURE

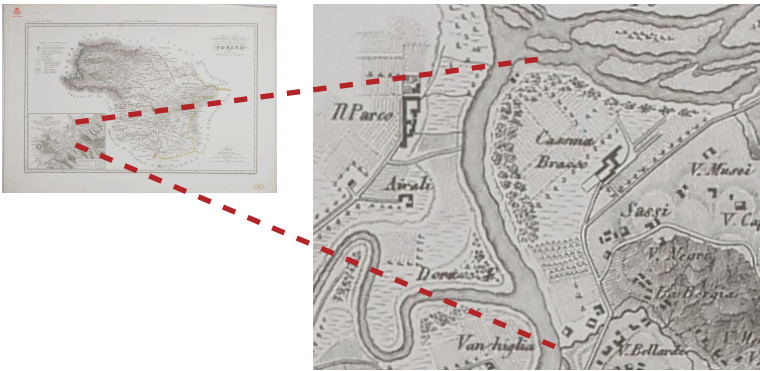
Topographic map of Turin and its surroundings  
**1810**



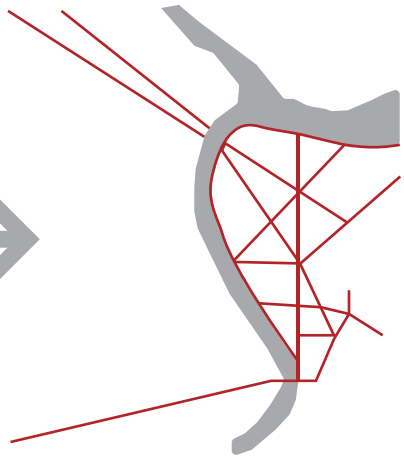
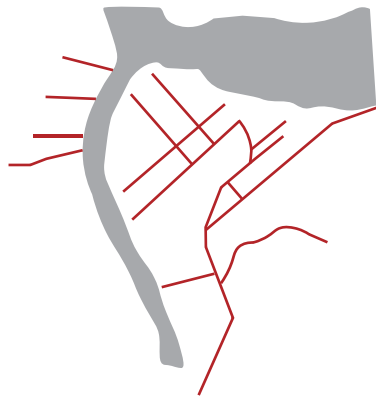
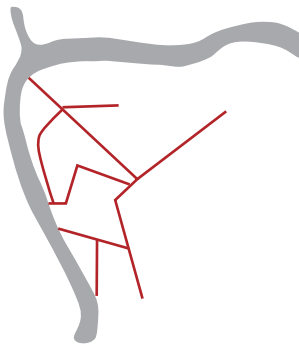
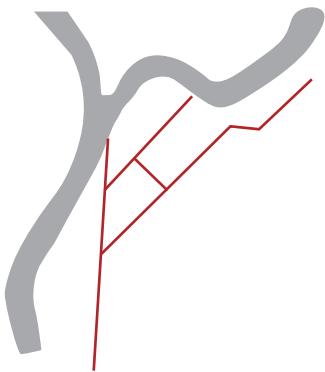
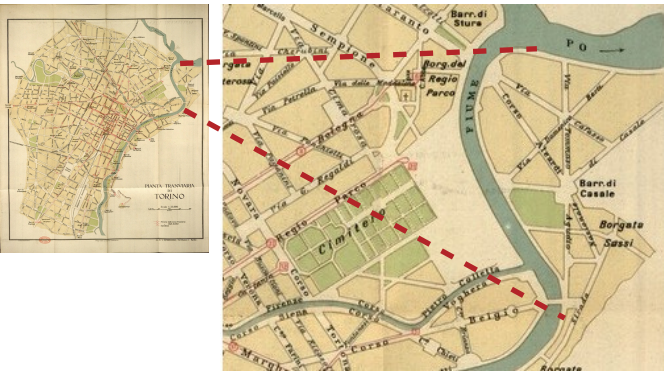
Topography of the city and territory of Turin with its immediate surroundings  
**1840**



Geographical map of the military division of Turin  
**1844**



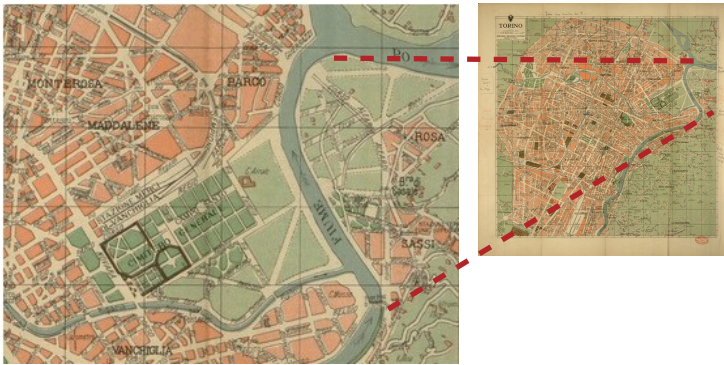
Topographic map of the city of Turin showing the tram lines  
**1928**



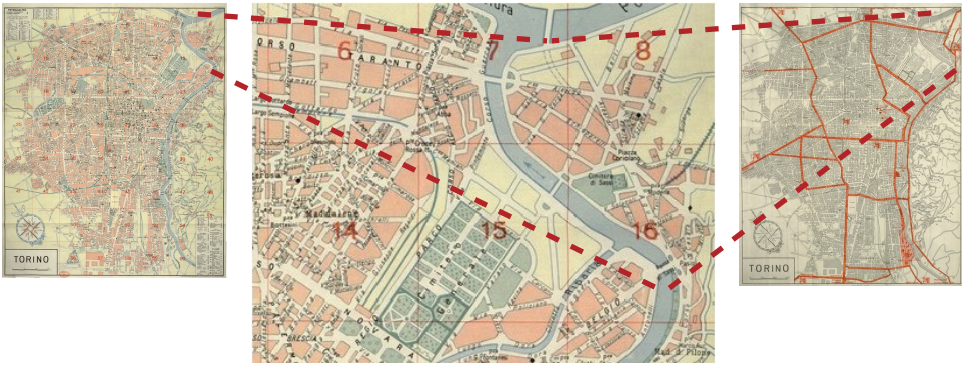
Topographic map of the city of Turin and expansion projects for the flat and hilly areas  
**1945**



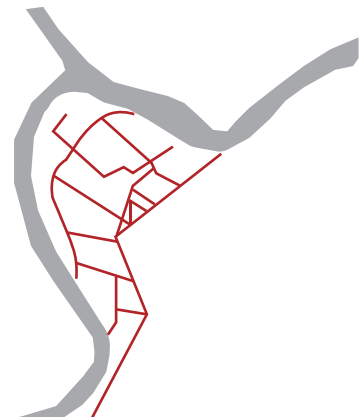
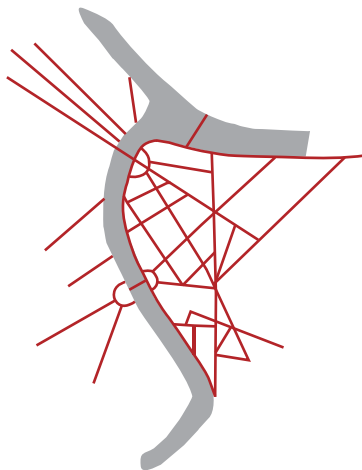
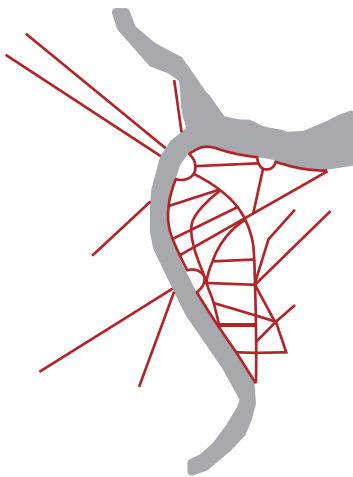
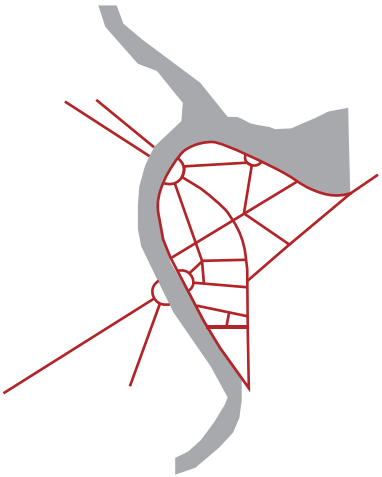
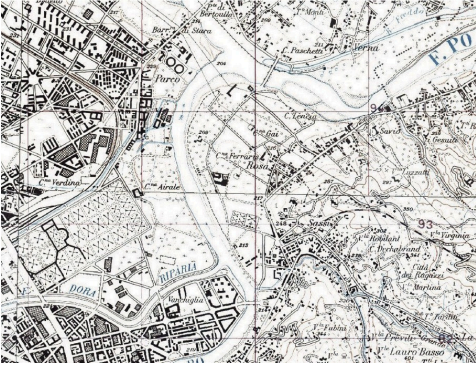
Topographic map of the city of Turin  
**1950**



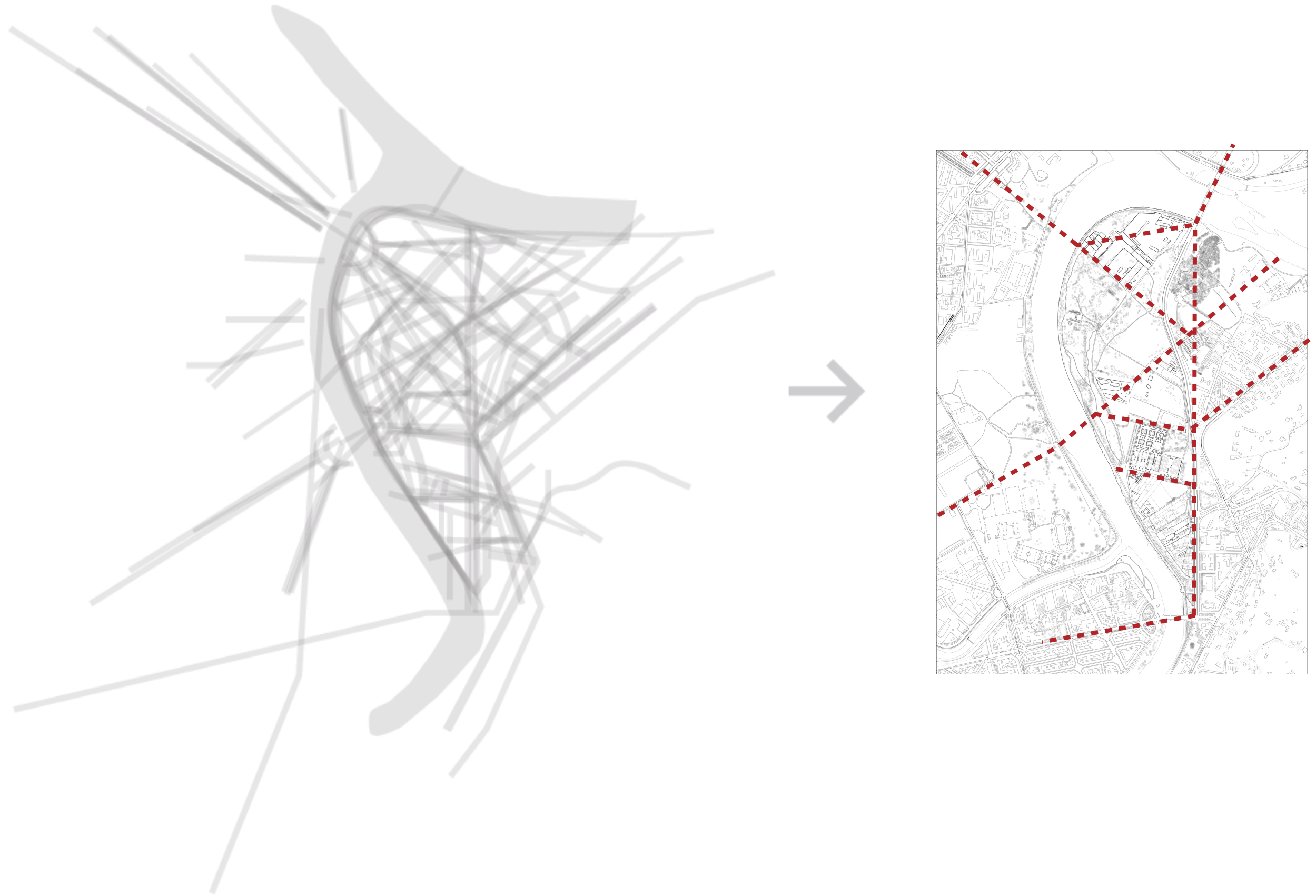
Automobile traffic map  
**1961**



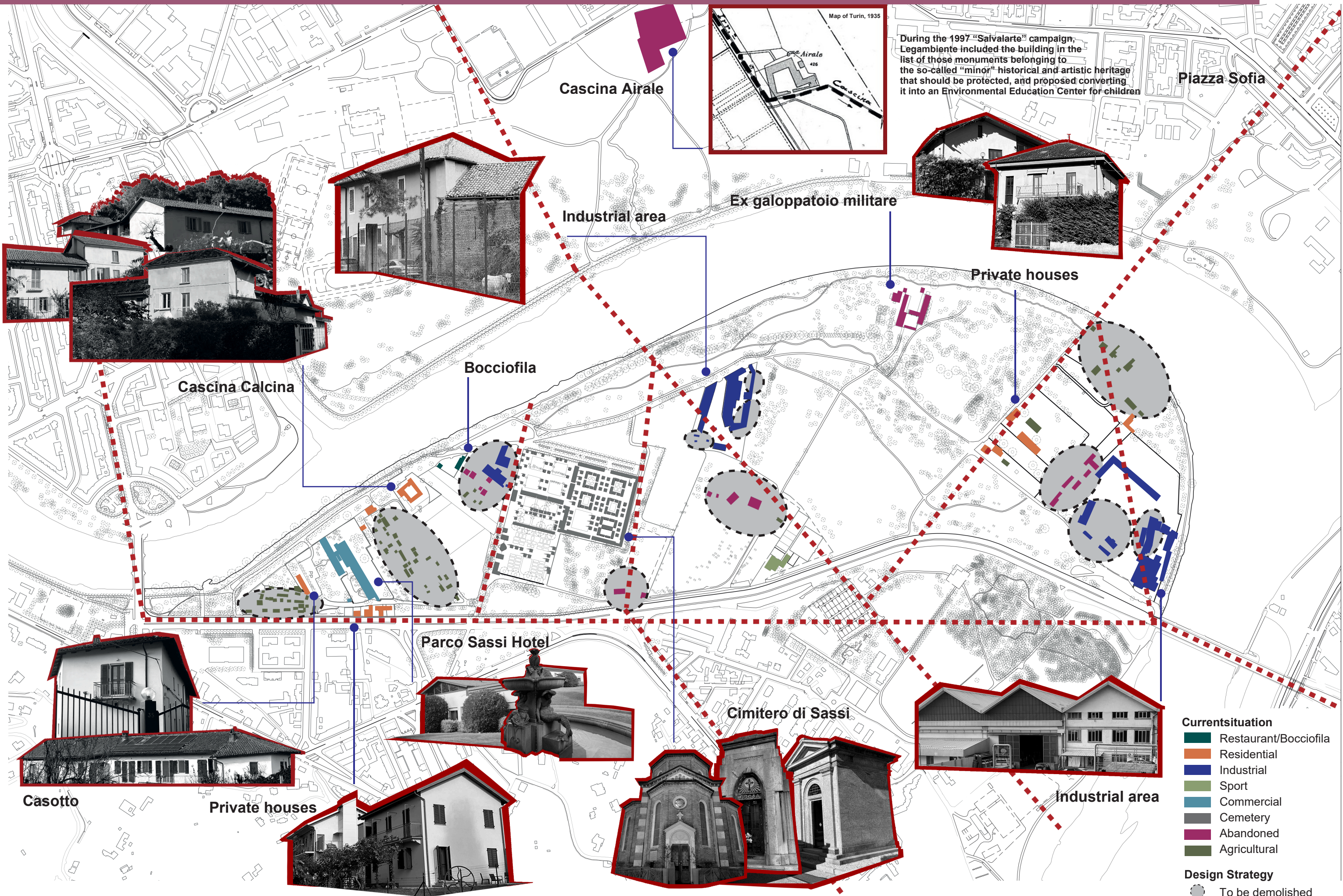
The Galoppatoio area (Military Geographic Institute of Florence)  
**1969**



# HISTORICAL ANALYSIS : IDENTIFICATION OF THE MAIN STRUCTURE



# HISTORICAL ANALYSIS : MORPHOLOGICAL ANALYSIS



# CONCEPT: PRINCIPLES AND STRATEGIES

## PRINCIPLES

### COEXISTENCE OF BUILT AND NATURAL ELEMENTS



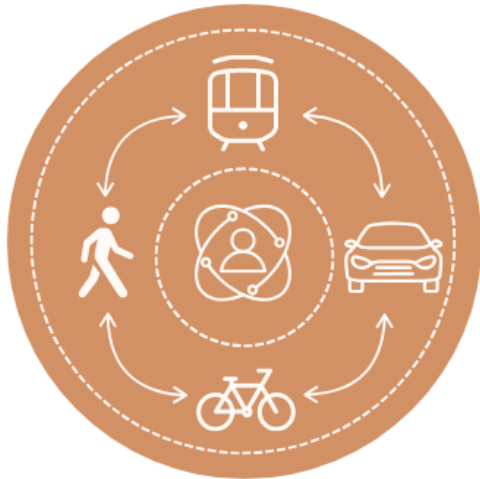
The project strengthens the dialogue between preserved structures and the surrounding landscape, ensuring that architecture and nature coexist in a balanced and low-impact way.

### SOCIALLY AND CULTURALLY INCLUSIVE



Each area was designed to welcome diverse users and celebrate local culture, creating spaces that foster participation, identity, and shared community life.

### GOOD USER EXPERIENCE AND ACCESSIBILITY



The park's layout prioritizes intuitive movement and comfort, offering accessible paths and distinct atmospheres that guide visitors through meaningful spatial experiences.

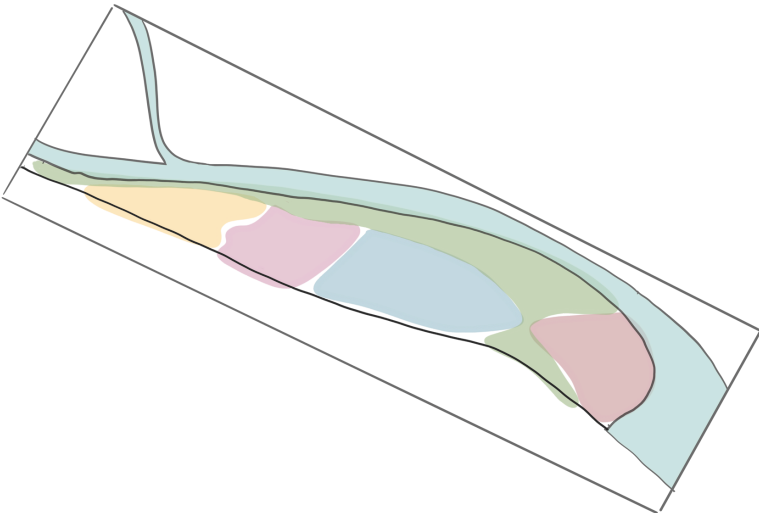
### AGROFORESTRY AND BIODIVERSITY



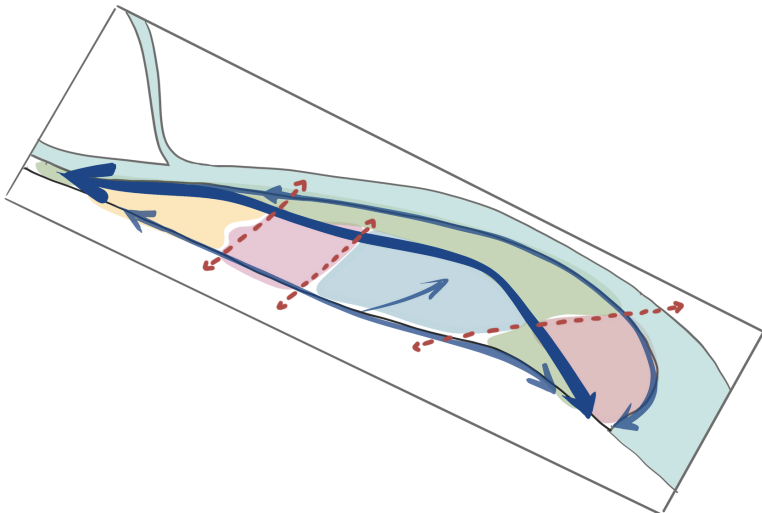
New plantings and habitat restoration enhance ecological diversity across the site, supporting agroforestry practices.

## STRATEGIES

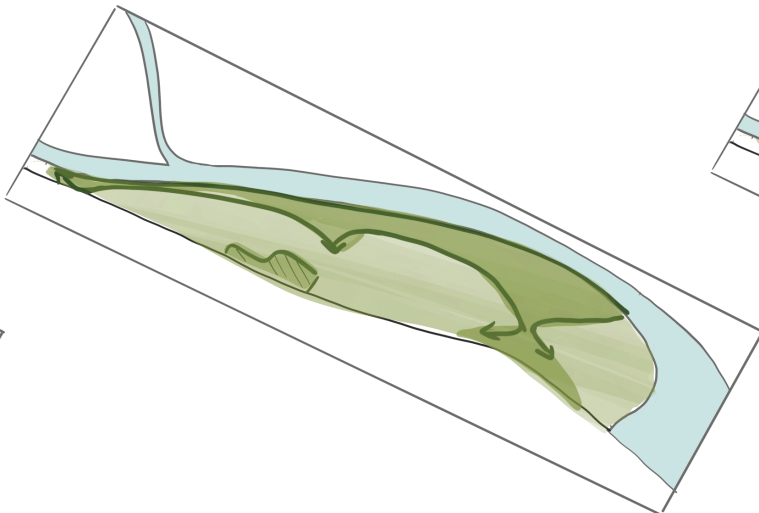
### DEFINING ZONES



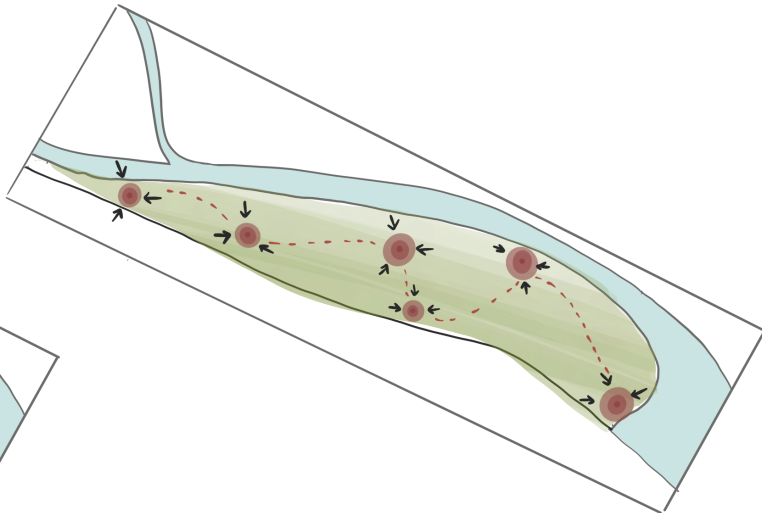
### CONNECTIONS AND ALIGNMENTS



### ECOLOGICAL ZONES

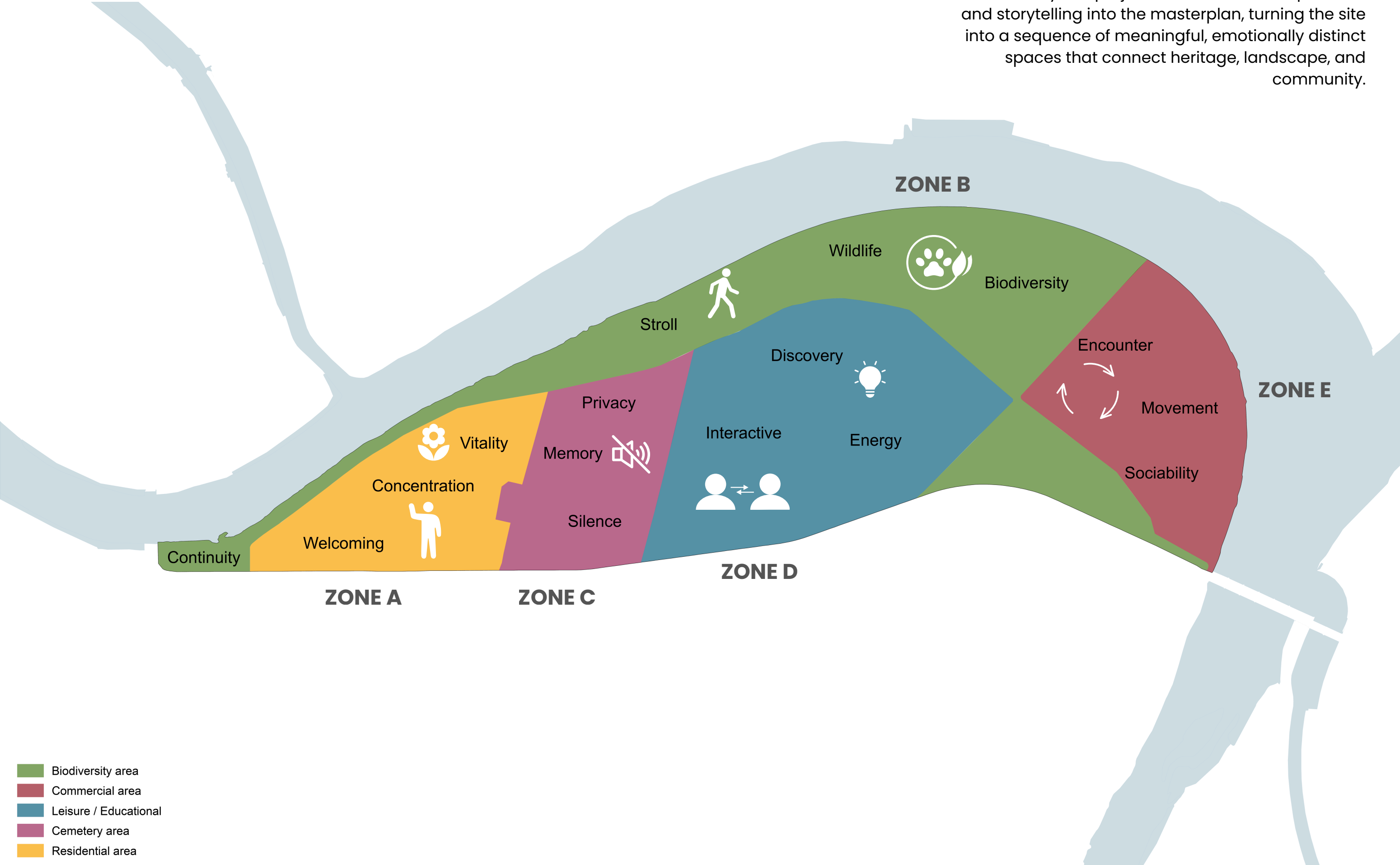


### ATTRACTION POINTS



# CONCEPT: ATMOSPHERE DIVISIONS + ZONES

Each zone was designed with a specific function and atmosphere, creating different sensations that guide how users experience the park. By giving each area its own identity, the project introduces user experience and storytelling into the masterplan, turning the site into a sequence of meaningful, emotionally distinct spaces that connect heritage, landscape, and community.

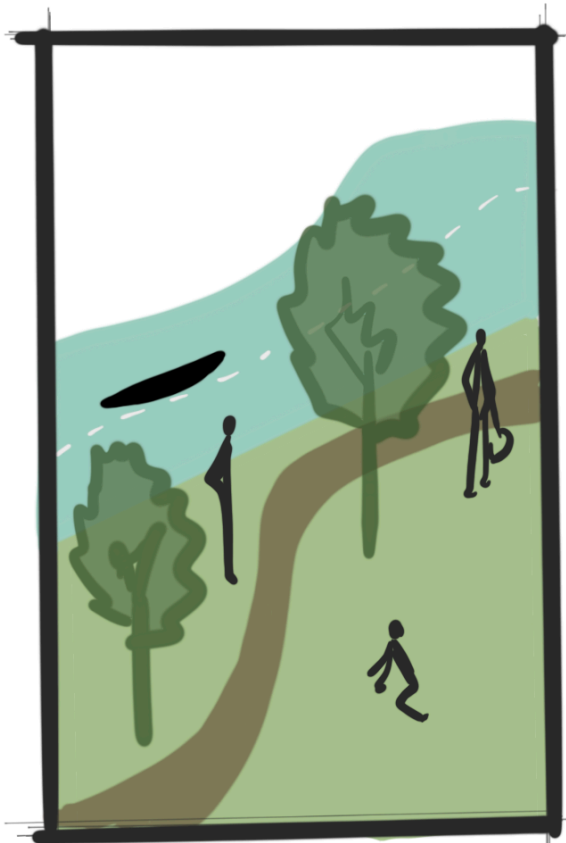


# CONCEPT: STORYBOARD



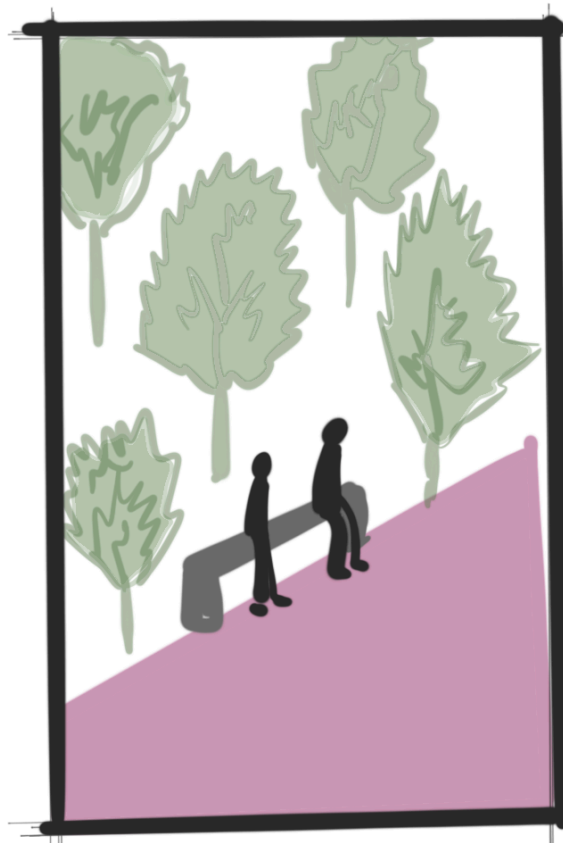
**ZONE A**

The park's main entry, creating an inviting atmosphere where community gardens, bike parking, and informal gathering points encourage social interaction and a positive sense of arrival. This area introduces the project's values of integration, accessibility, and shared use, setting the tone for the experiences ahead.



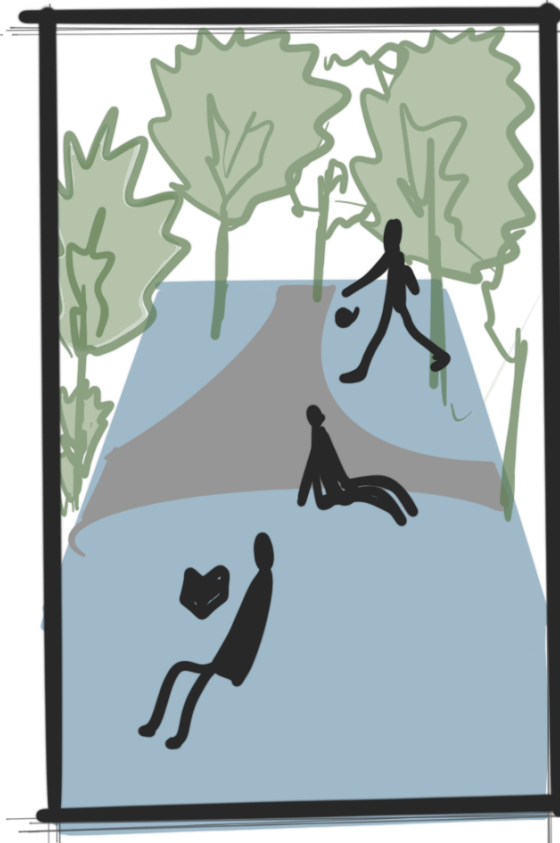
**ZONE B**

This functions as an ecological core, preserving and enhancing native vegetation while creating a natural buffer between active and sensitive areas. With only a few carefully placed paths, this zone maintains a immersive environment that supports fauna movement and strengthens ecological continuity across the site.



**ZONE C**

This zone transitions into a more contemplative setting. Here, the parking area is integrated discreetly, and the atmosphere becomes more solemn and respectful. The design reinforces silence and reflection, aligning with the historical character of the cemetery while maintaining visual softness and understated ecological care.



**ZONE D**

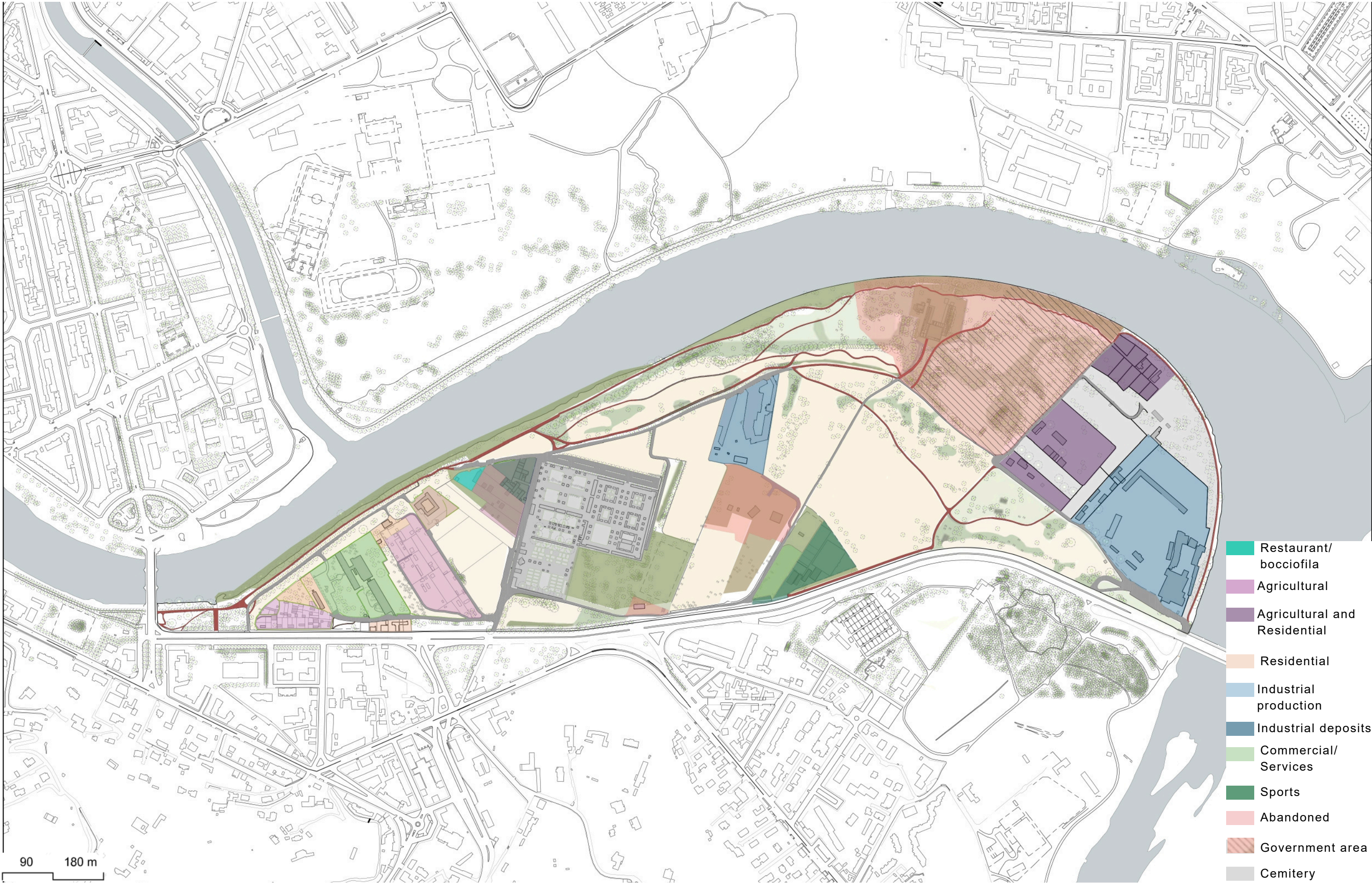
Brings activity and learning together, offering spaces for informal education, recreation, and community engagement. This zone remains connected to the sports center, creating a dynamic environment where cultural, physical, and educational programs can overlap in a low-impact, nature-oriented setting.



**ZONE E**

the Market Zone revitalizes an existing industrial building, transforming it into a flexible venue for weekend markets and community events. This space introduces cultural vibrancy to the park, celebrating local production and reinforcing the connection between heritage, social life, and the landscape.

# CURRENT LAND USE AND FUNCTIONS (BEFORE)



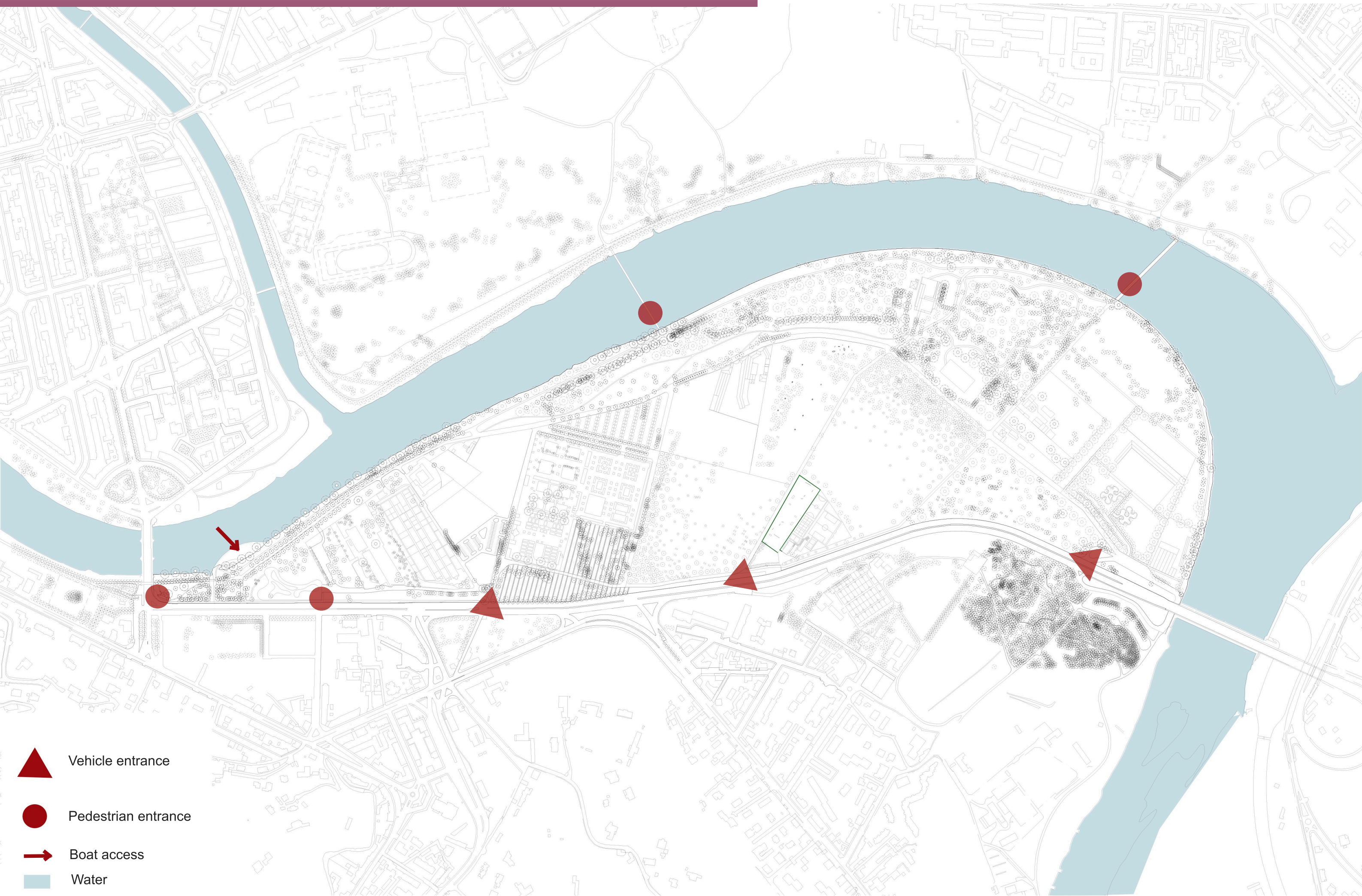
# NEW MASTERPLAN



- |                     |                               |             |                          |
|---------------------|-------------------------------|-------------|--------------------------|
| 1 BIKE PARKING      | 6 HORSE CENTER                | 11 DOG PARK | GRASS/ PUBLIC GREEN AREA |
| 2 COMMUNITY GARDEN  | 7 NEW BRIDGE CONNECTION       |             | GRASS/PRIVATE GREEN AREA |
| 3 CEMETERY ENTRANCE | 8 PRODUCTIVE RESIDENTIAL AREA |             | ROADS                    |
| 4 EDUCATIONAL HUB   | 9 PRODUCTIVE RESIDENTIAL AREA |             | PATHS                    |
| 5 SPORTS CENTER     | 10 WEEKEND MARKET             |             | ROOFS                    |

The masterplan organizes the park into clear functional zones connected by ecological and cultural alignments. Each area was shaped to express a distinct identity—rooted in heritage, landscape, and community needs—while maintaining low-impact interventions and protecting existing ecosystems. Strategic connections, accessible paths, and well-positioned attractions guide visitors through a coherent, resilient, and engaging landscape that balances nature, activity, and memory.

# NEW MASTERPLAN: TYPE OF ENTRANCE

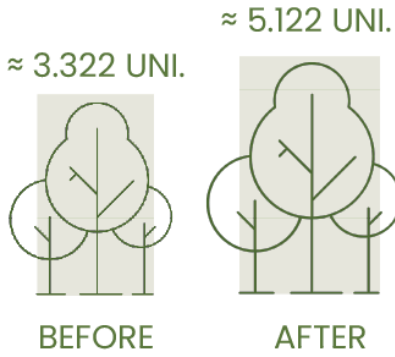


# NEW MASTERPLAN: GREEN NETWORK



- ➔ Direction
- Continuity
- Biodiversity area
- Water

# NEW MASTERPLAN: TREES



**54%**  
MORE TREES

30% MALTA

18% ZELKOVA

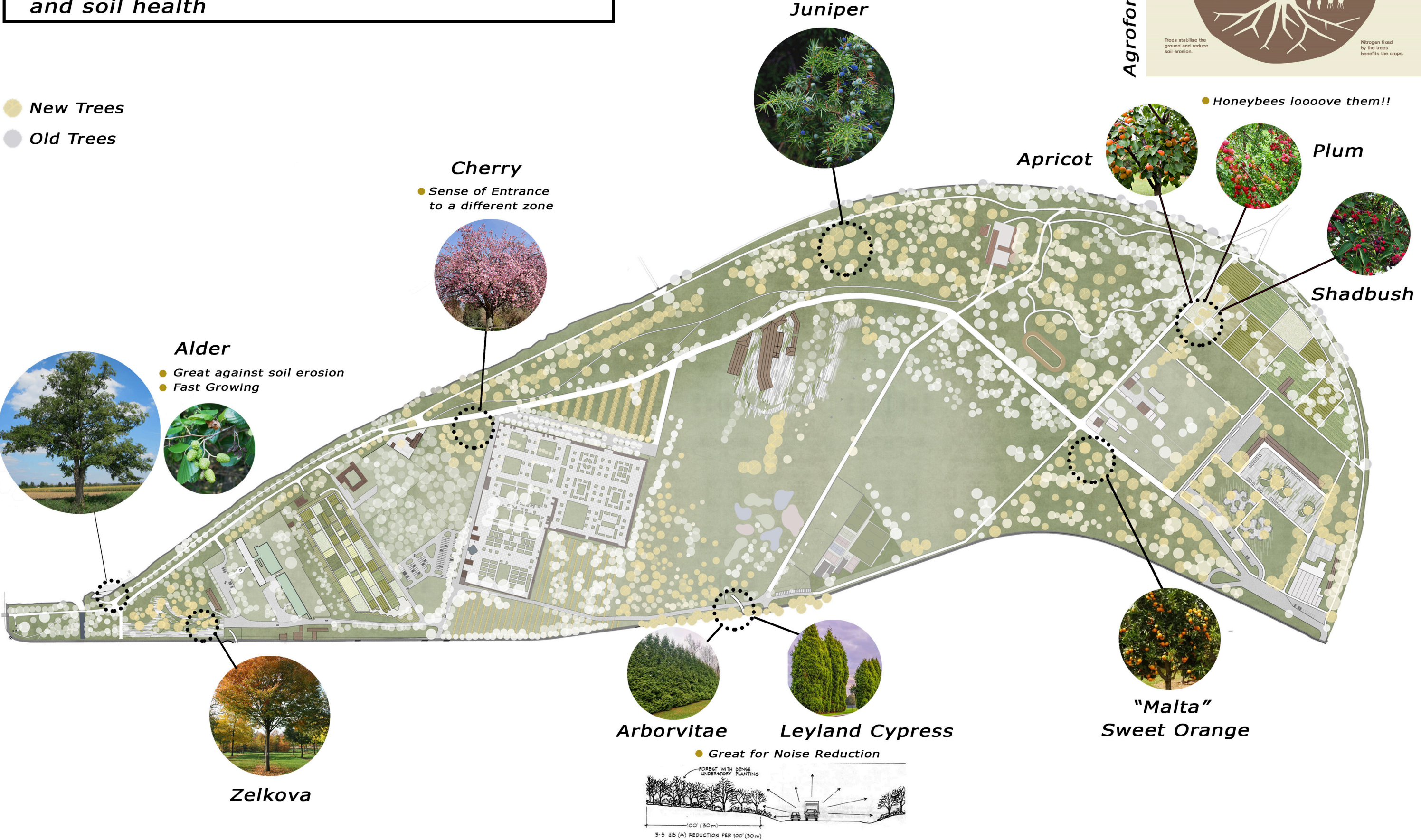
10% CHERRY

- Current trees
- New trees

# NEW MASTERPLAN: TREES

- Presently around 60 variety of trees
- Introduction of new tree species for biodiversity and soil health

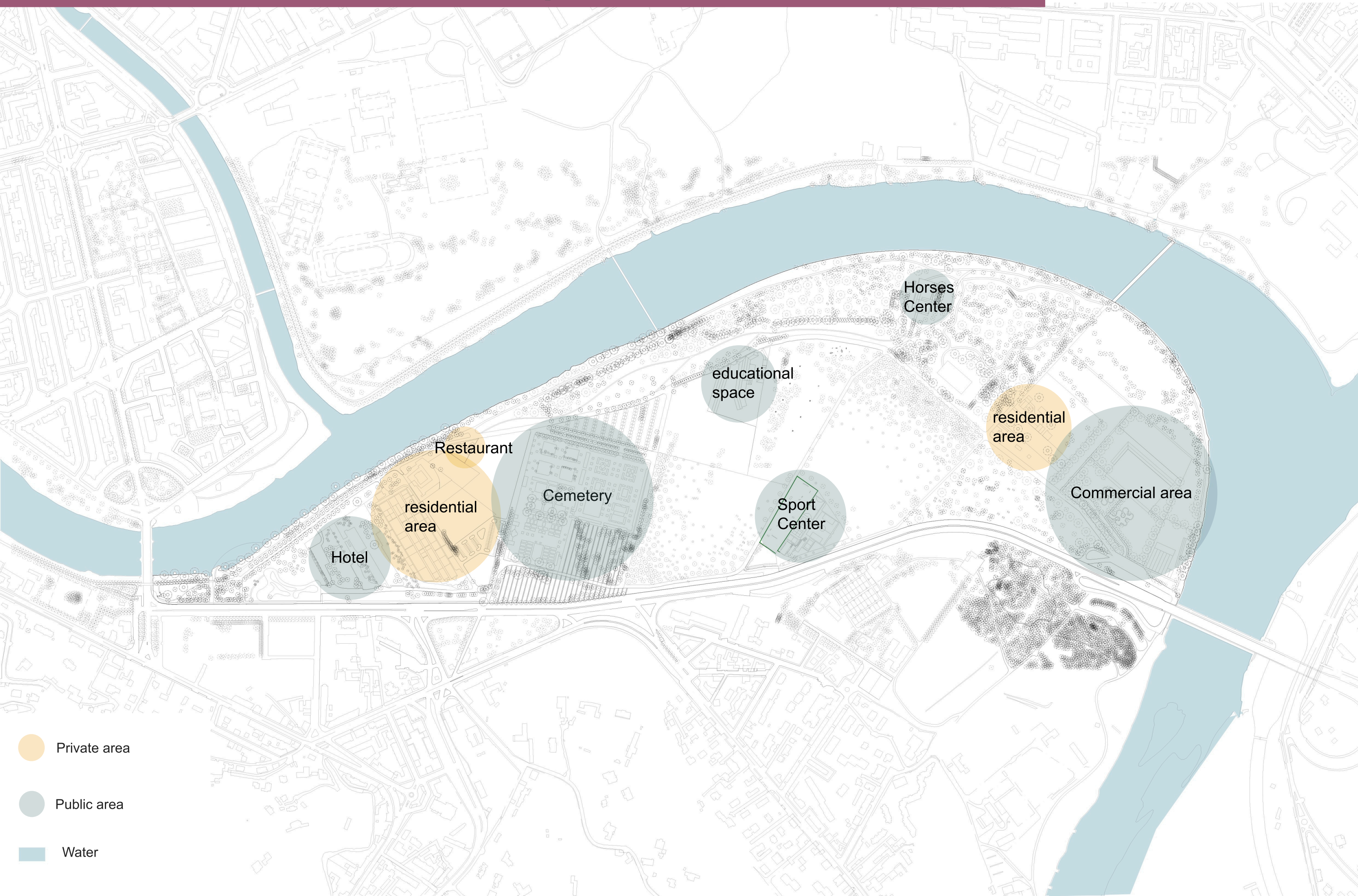
- New Trees
- Old Trees



# NEW MASTERPLAN: PRIVATE/PUBLIC - OUTDOOR AREAS

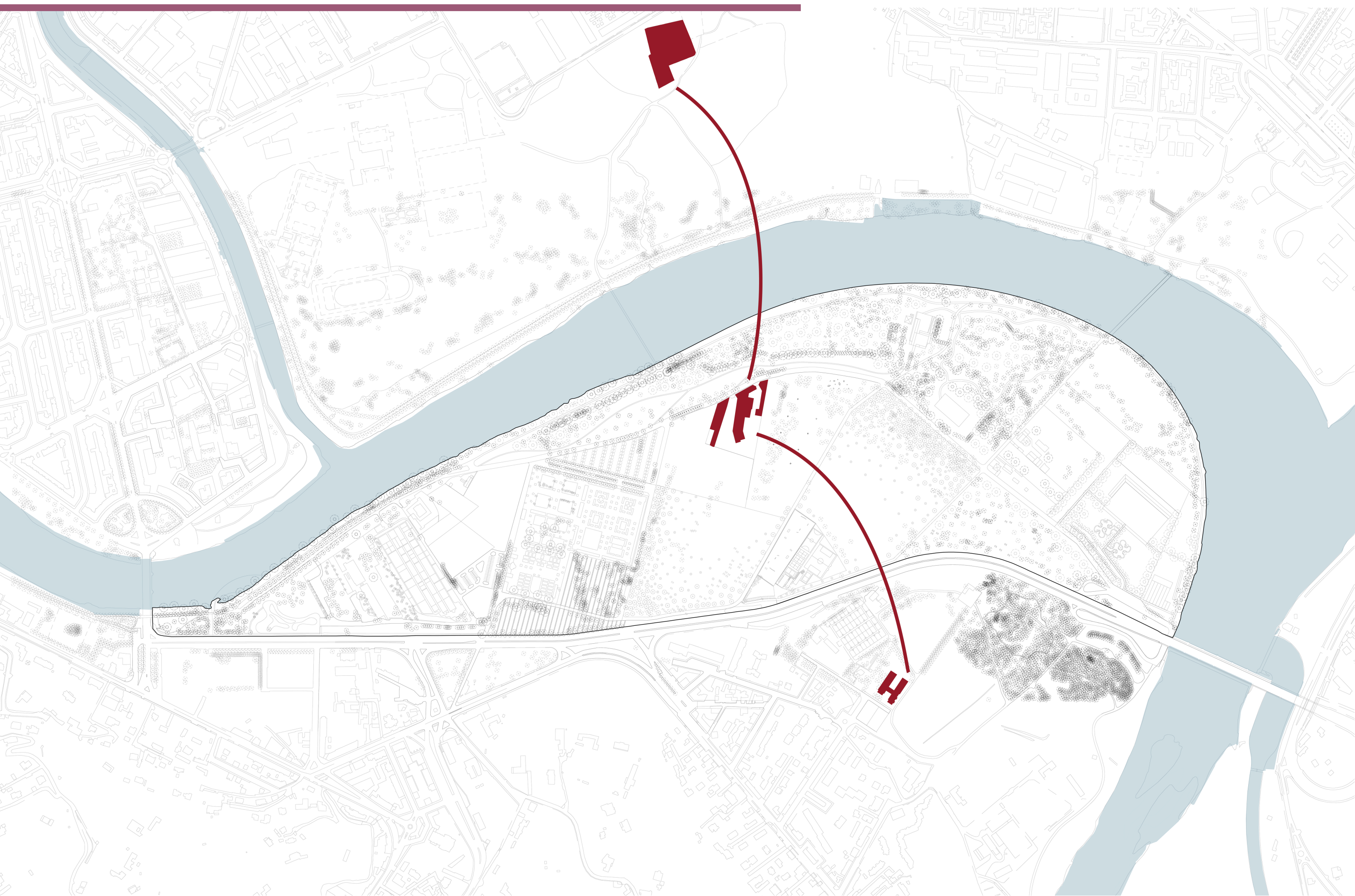


# NEW MASTERPLAN: PRIVATE/PUBLIC - BUILT-UP AREAS



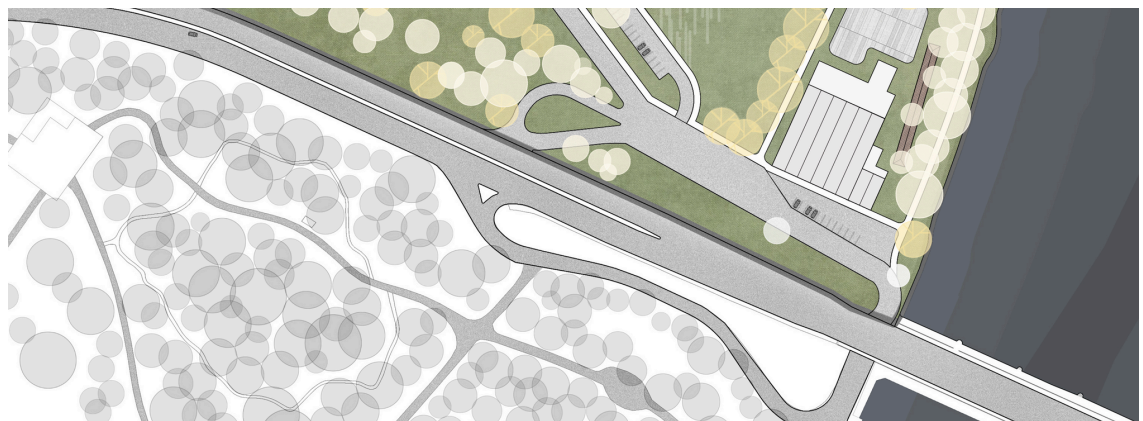
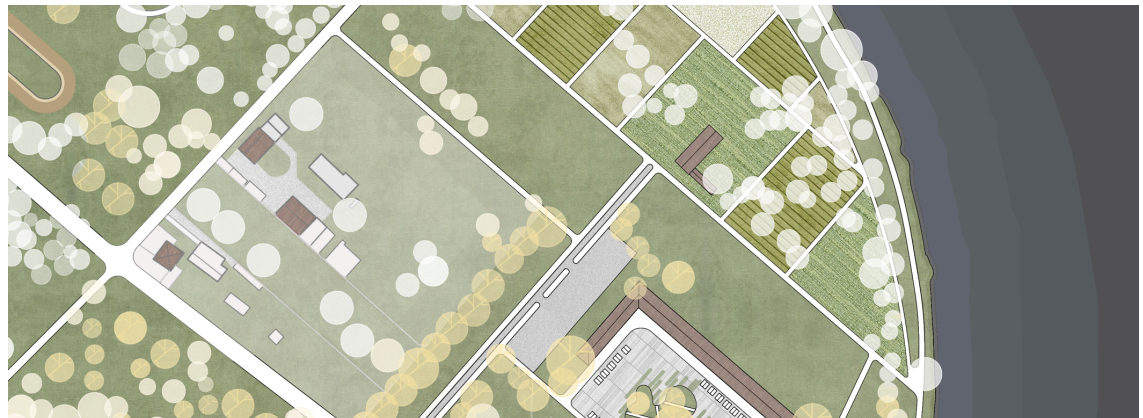
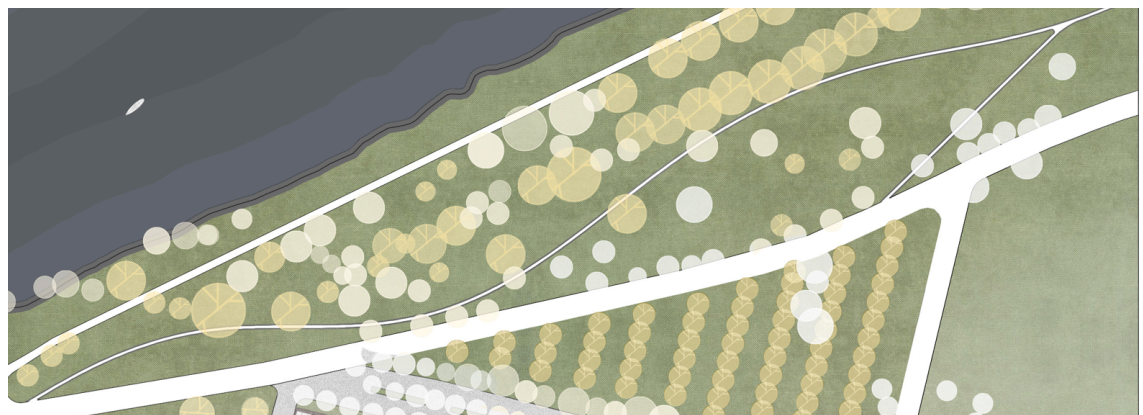
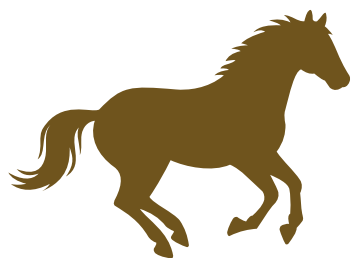
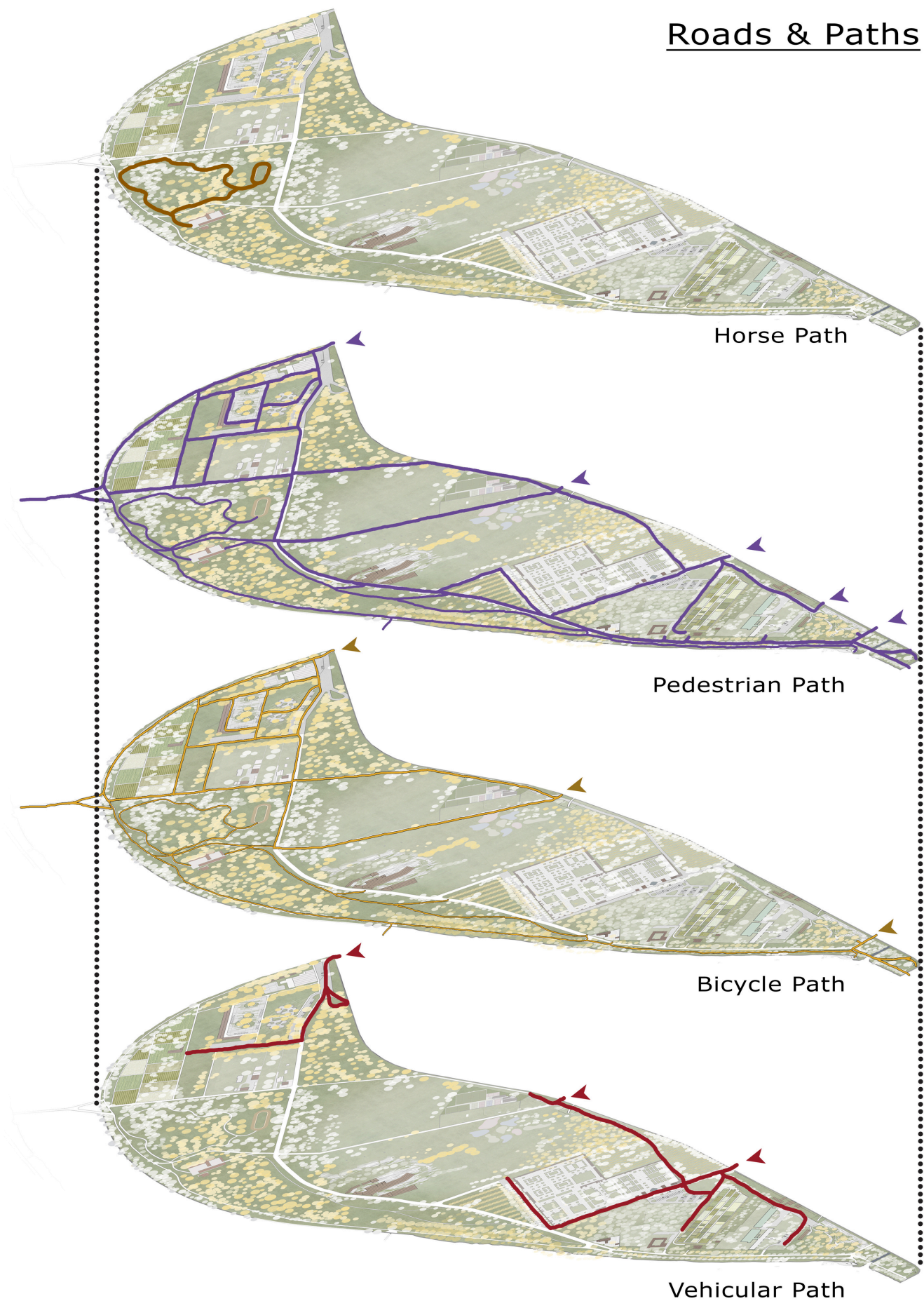
- Private area
- Public area
- Water

# NEW MASTERPLAN: EDUCATION NETWORK

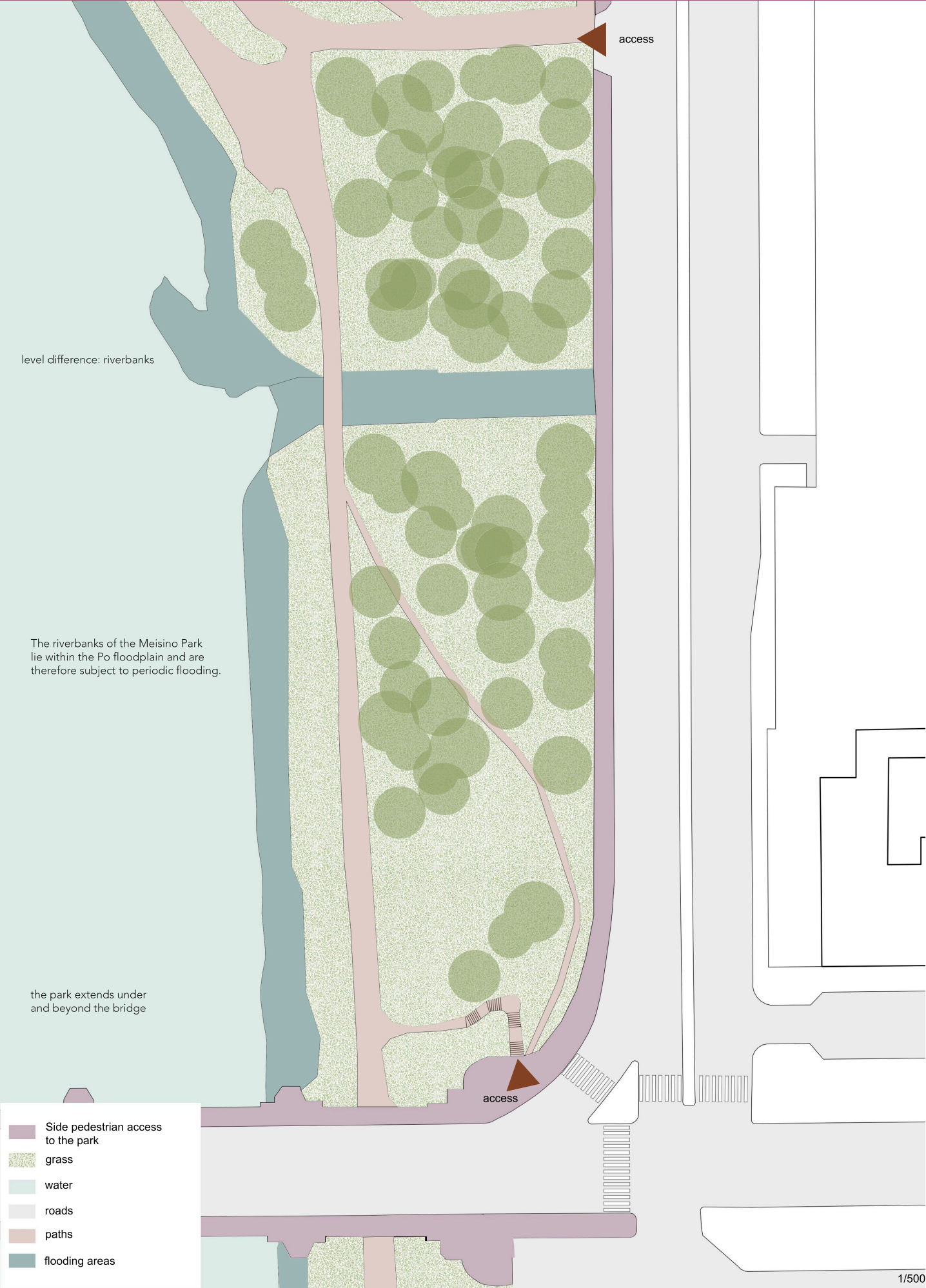


# NEW MASTERPLAN: MOBILITY SYSTEM

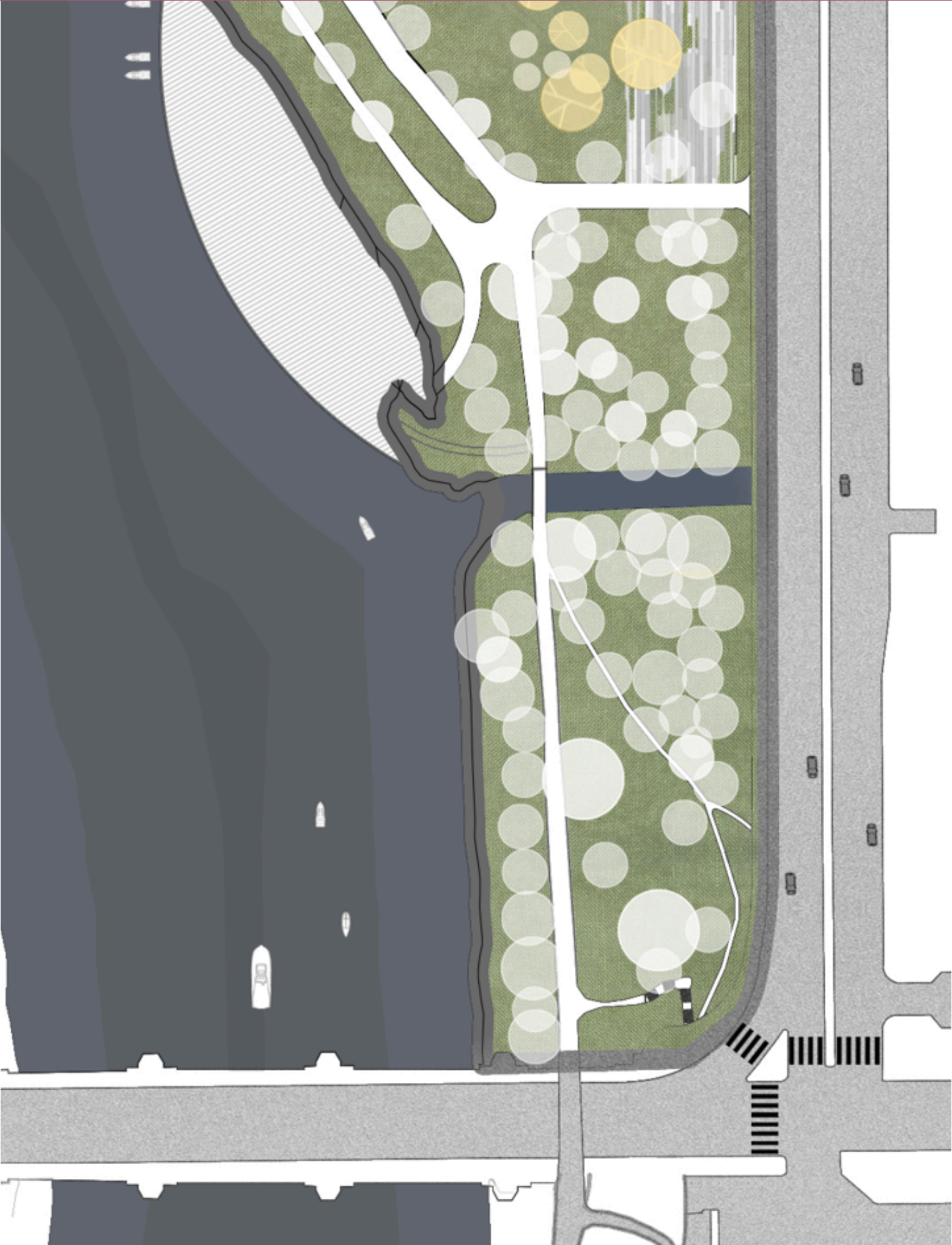
## Roads & Paths



# ENTRANCE TO PARK – BEFORE



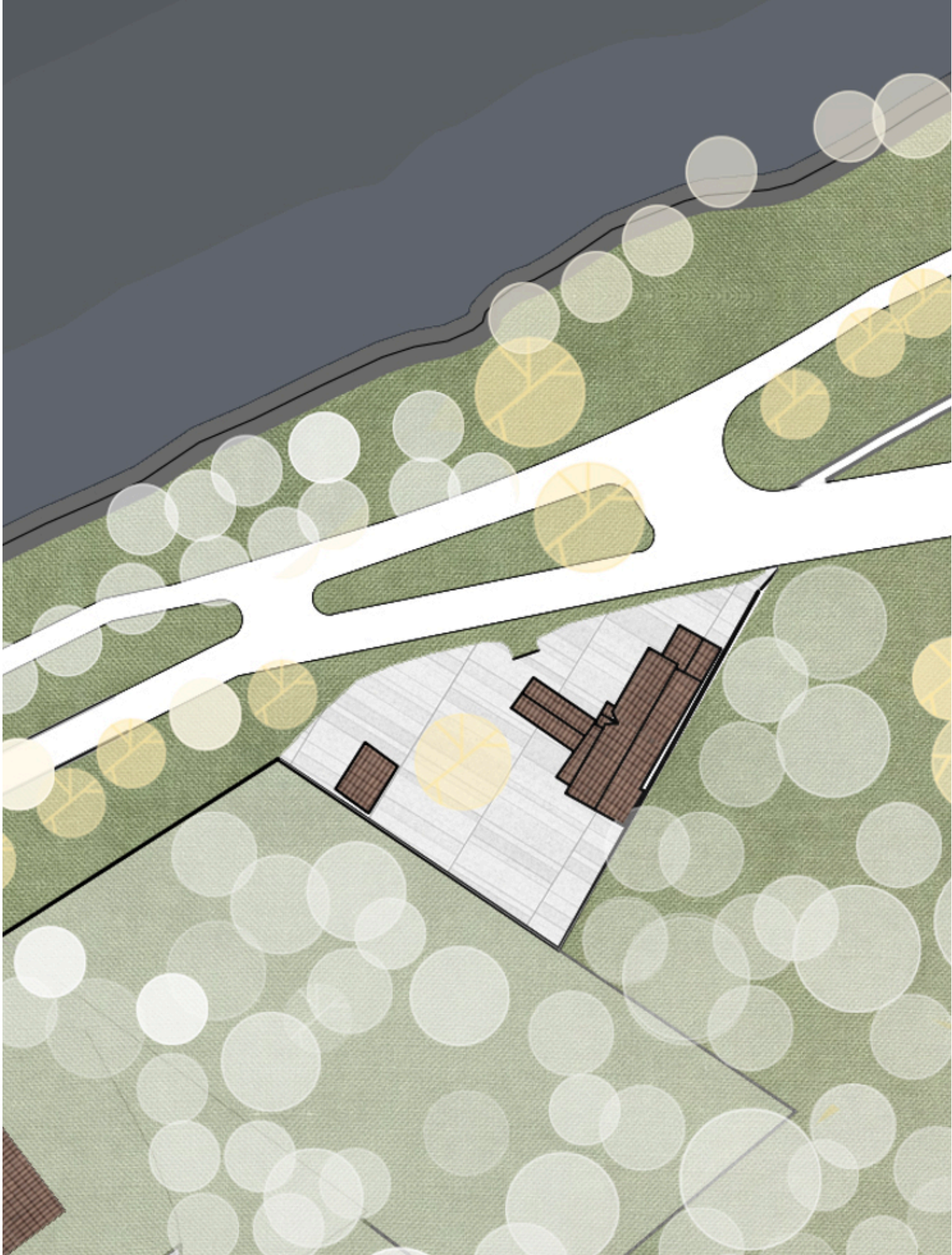
# AFTER



# FOCUS : RESTAURANT – BEFORE



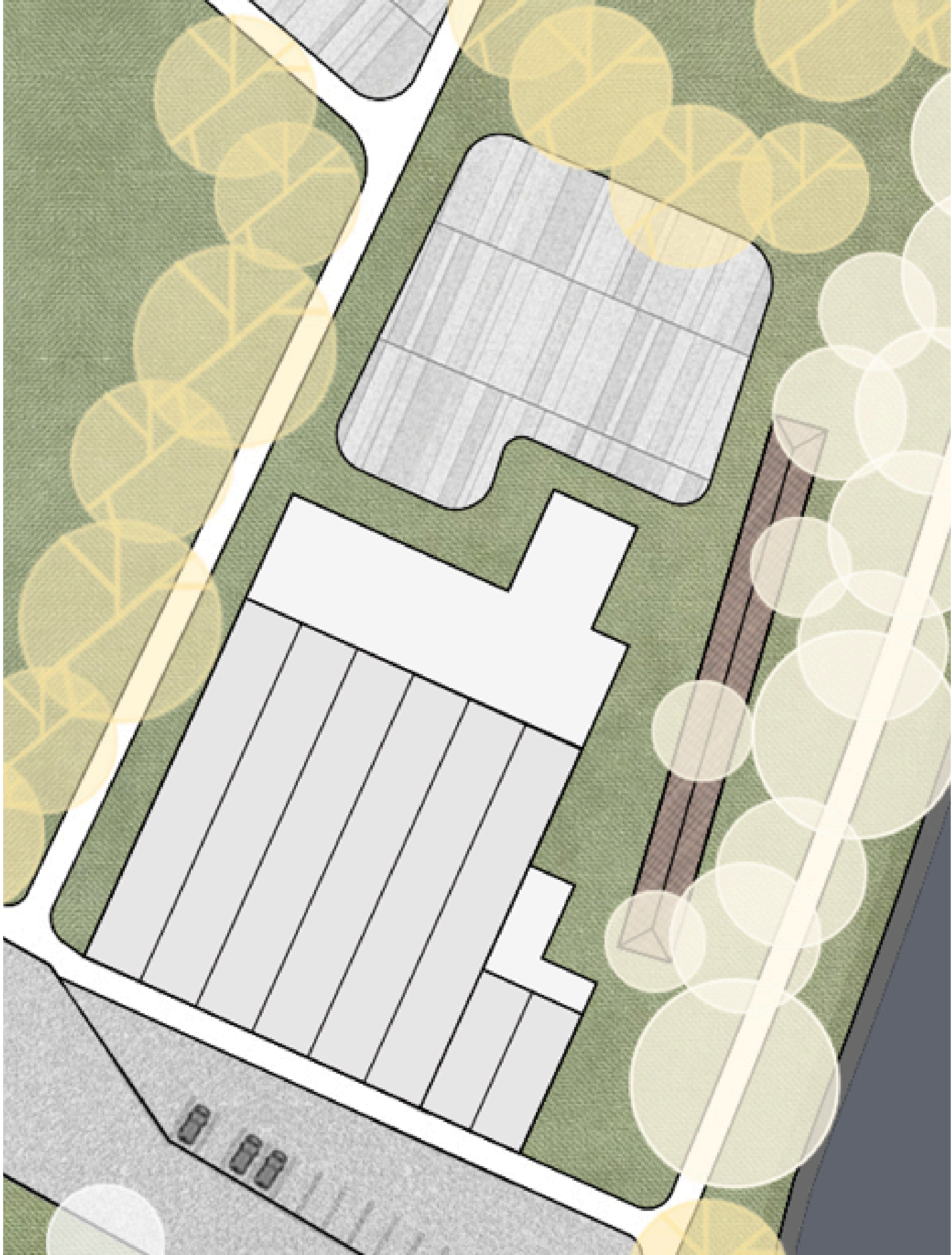
# AFTER



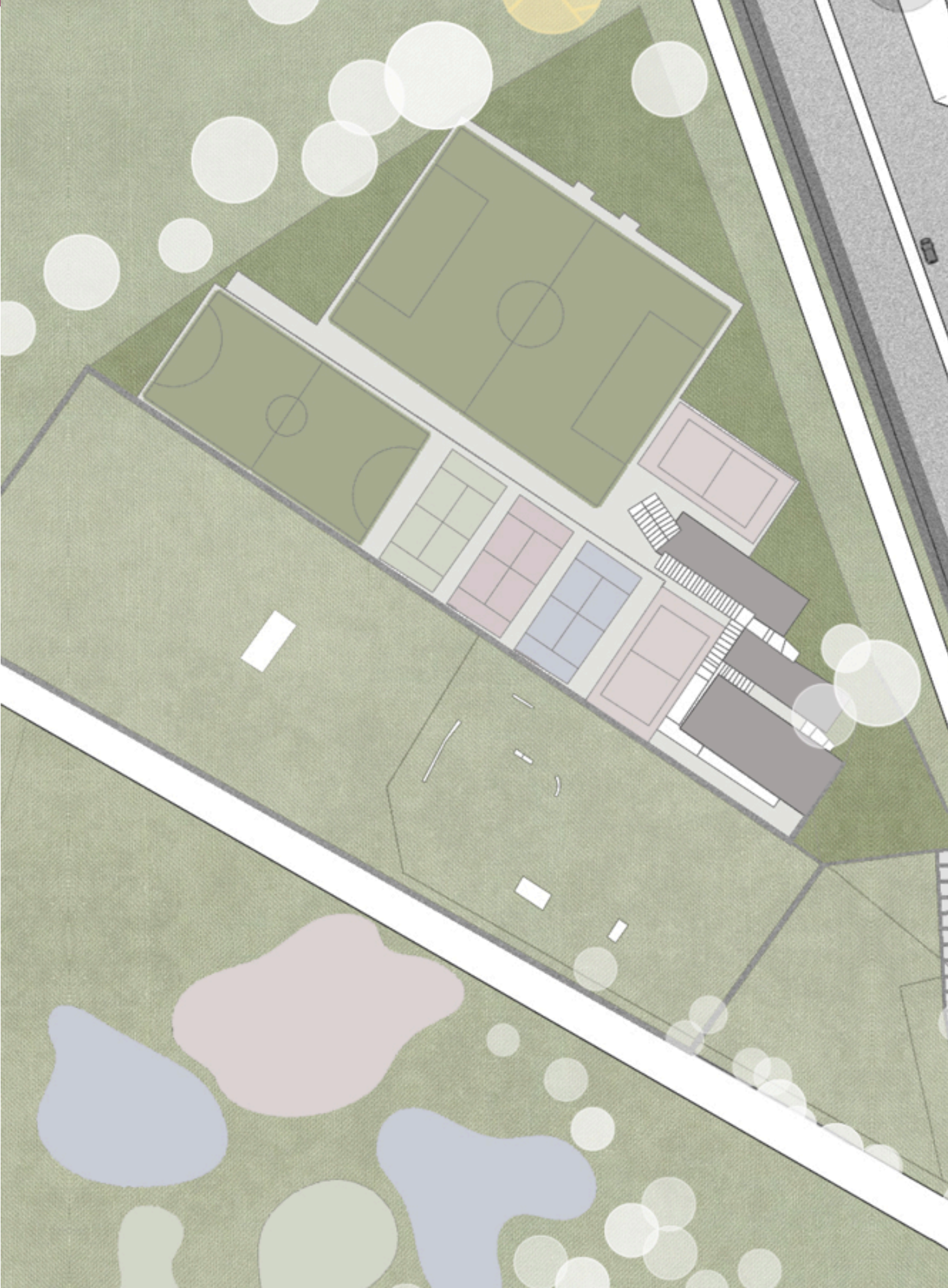
# FOCUS : FACTORY – BEFORE



# AFTER



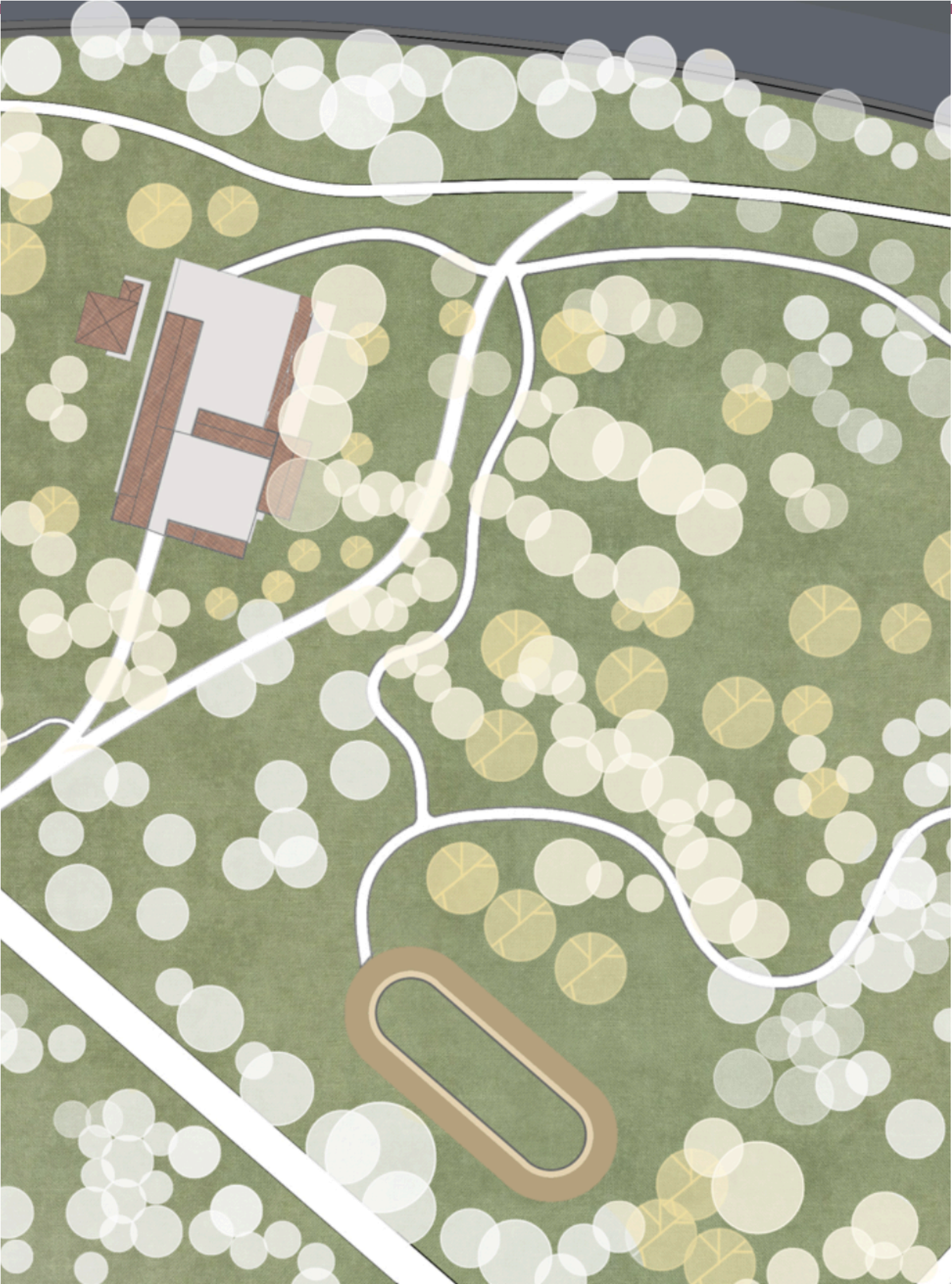
# FOCUS:SPORTS CENTER – BEFORE AFTER



FOCUS : GALOPATOIO – BEFORE



AFTER



FOCUS : FACTORY – BEFORE

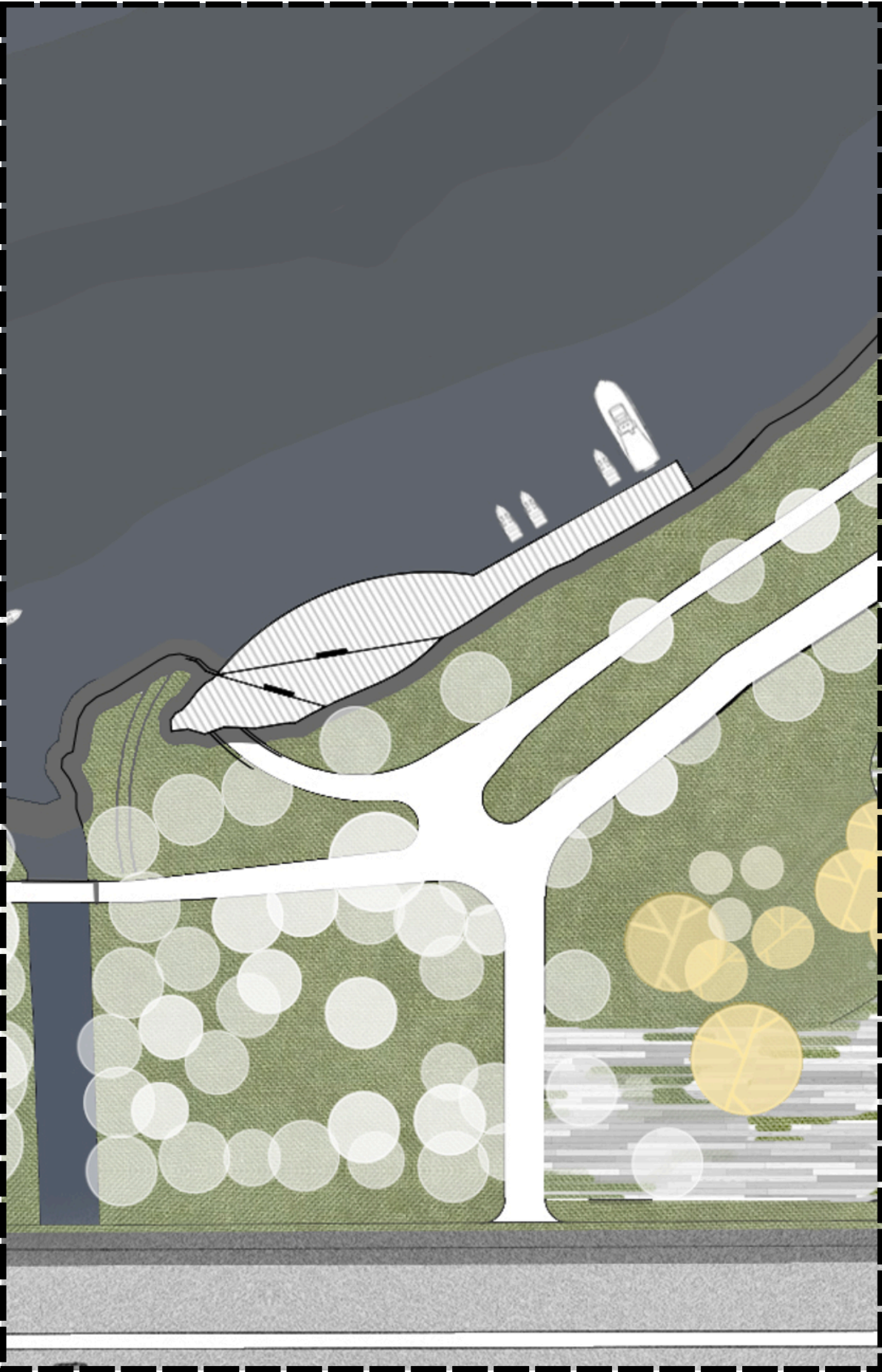
AFTER



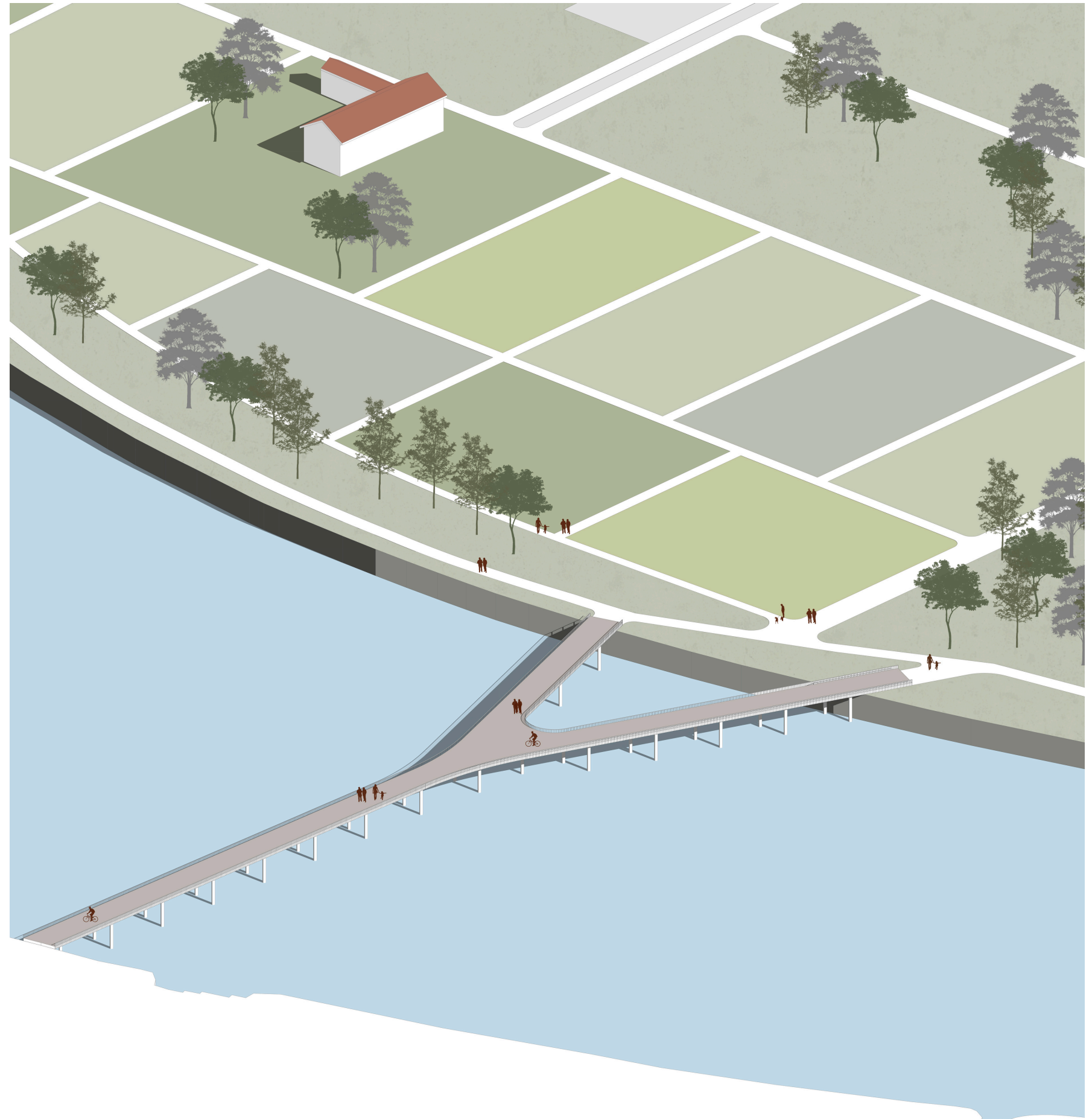
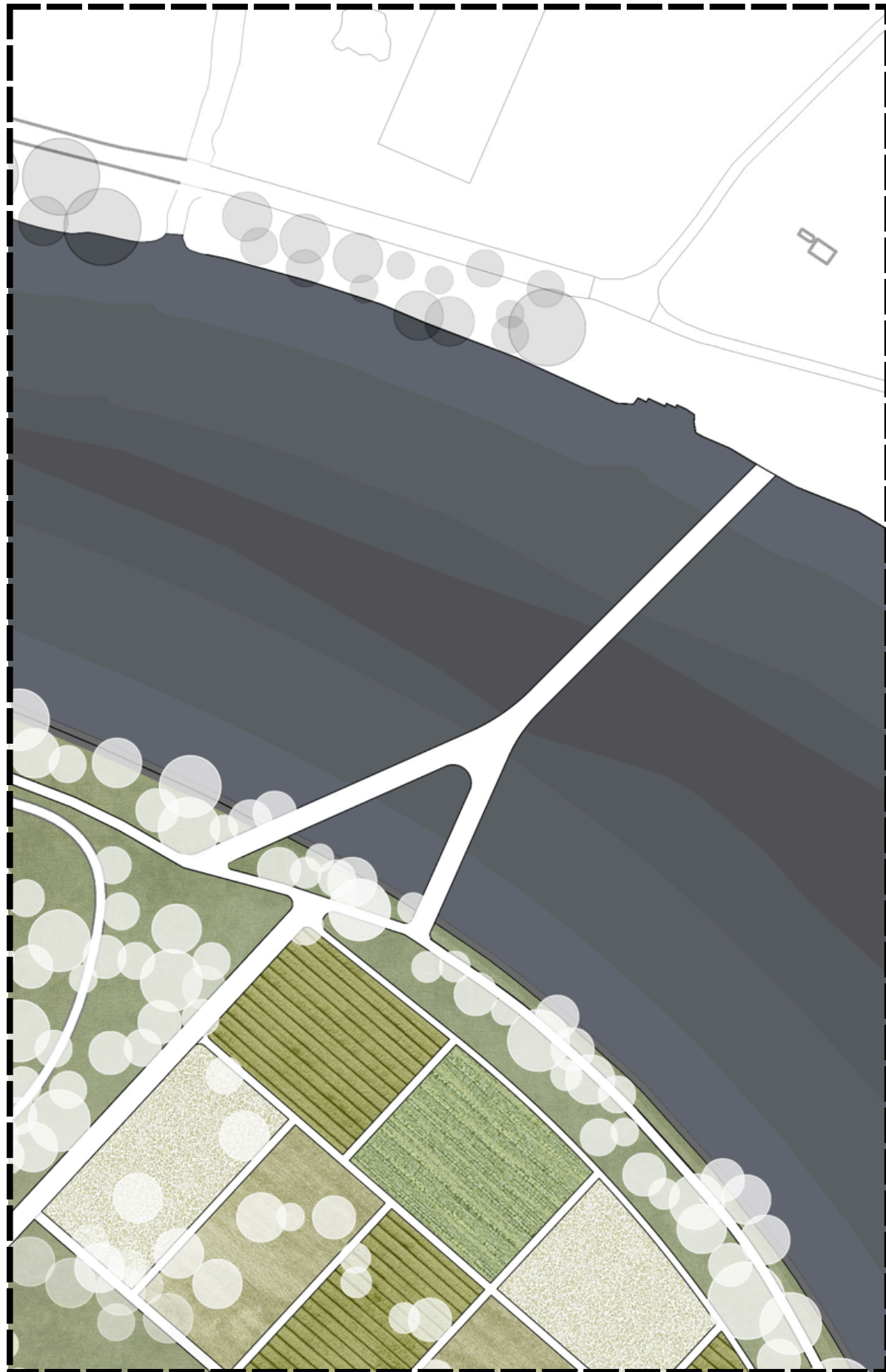
# FOCUS 3D – FOCUS AREAS



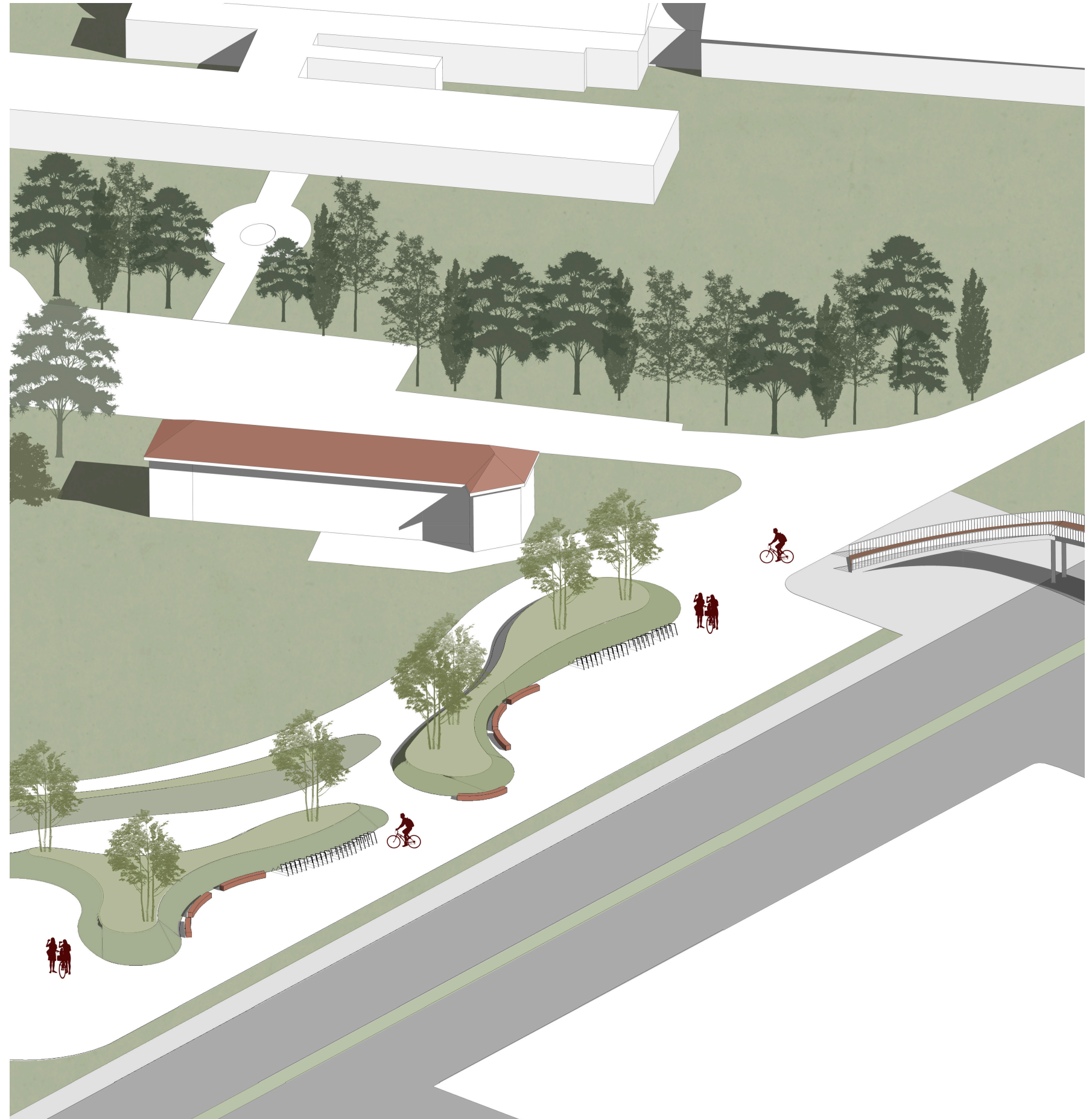
FOCUS 3D - BOAT DECK



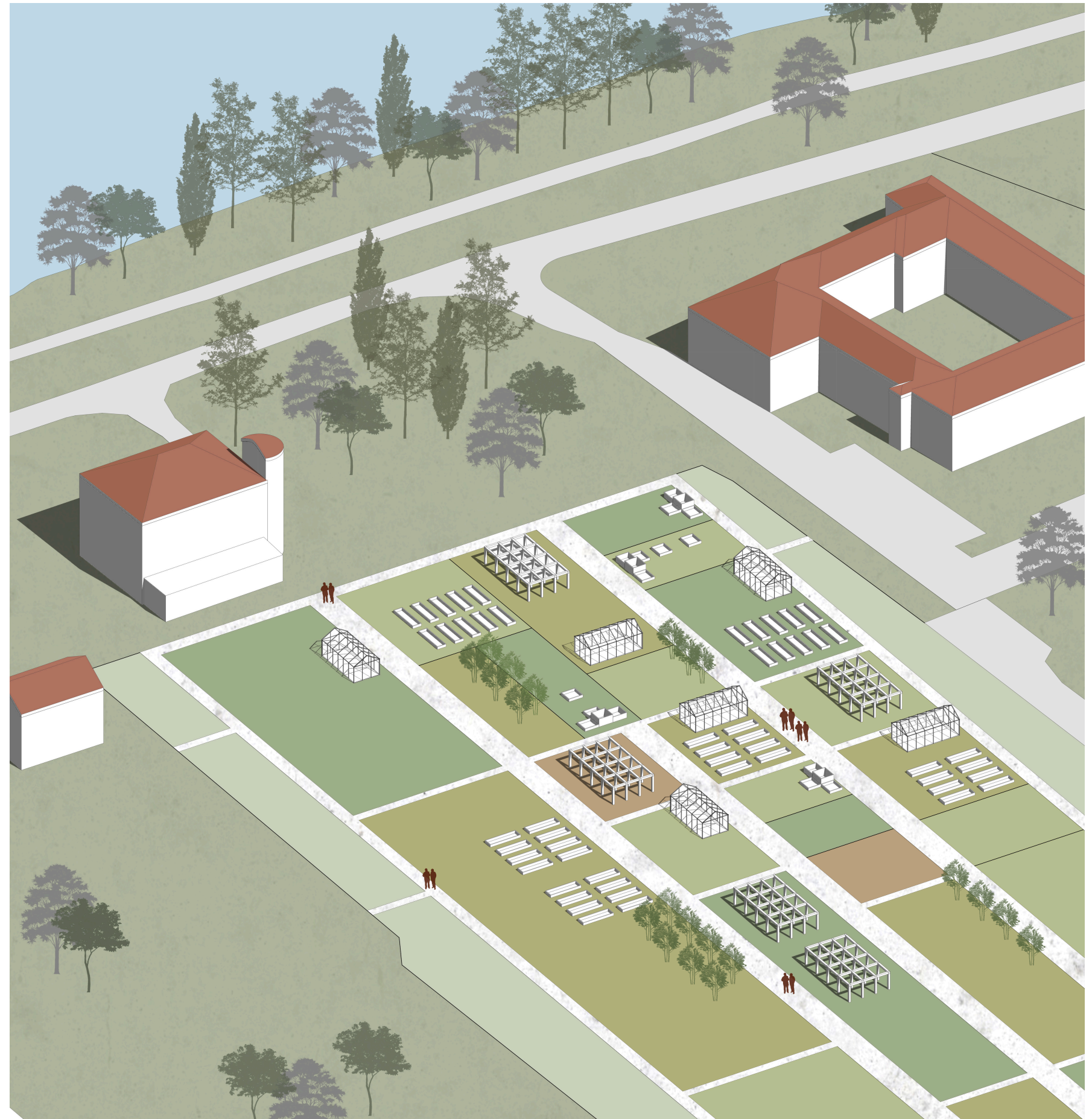
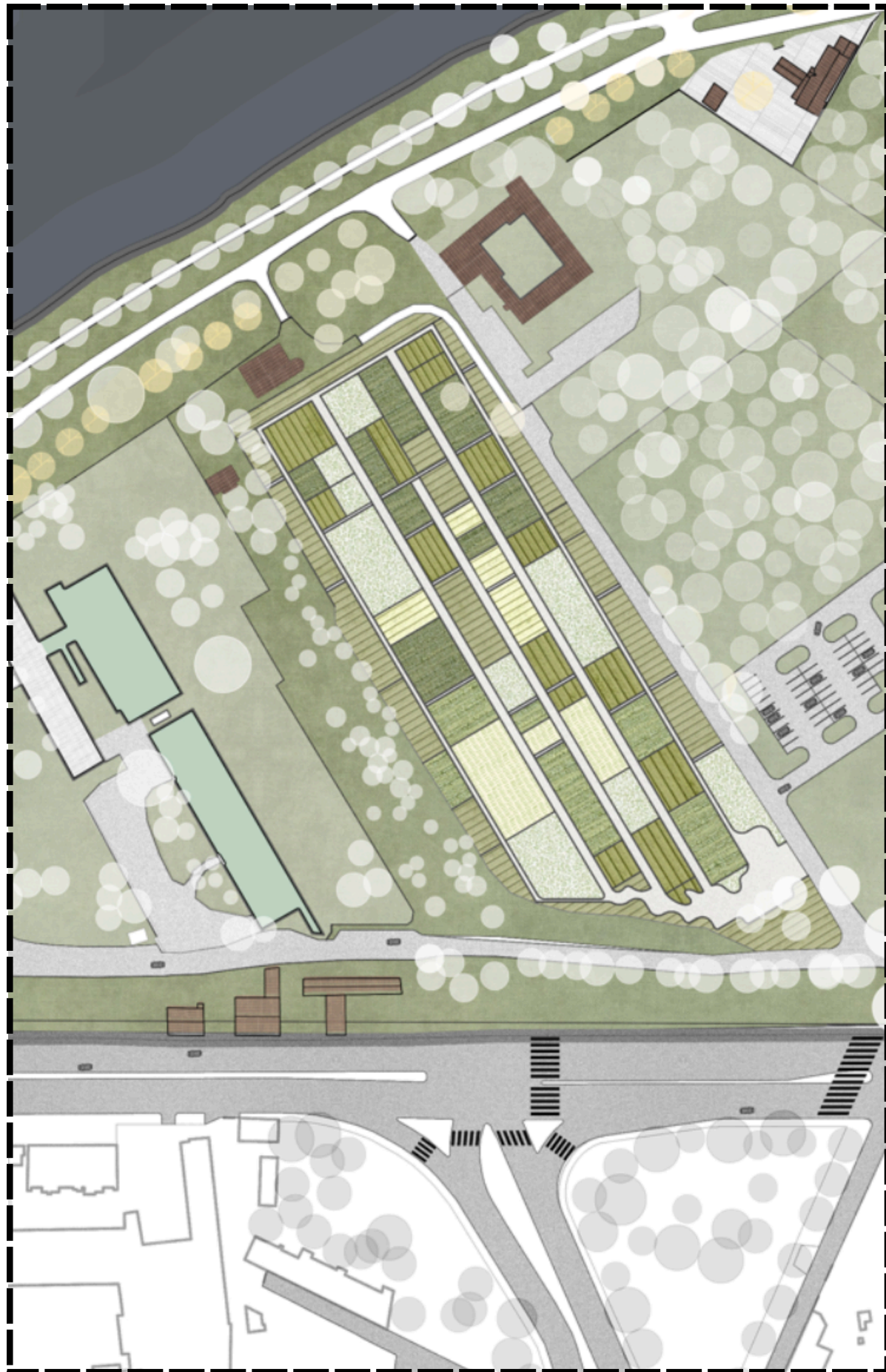
# FOCUS 3D - CONNECTING BRIDGE



# FOCUS 3D - CROSSING BRIDGE AND BICYCLE PARKING



# FOCUS 3D - CROSSING BRIDGE AND BICYCLE PARKING



# FOCUS 3D - ADAPTIVE REUSE / WEEKEND MARKET

