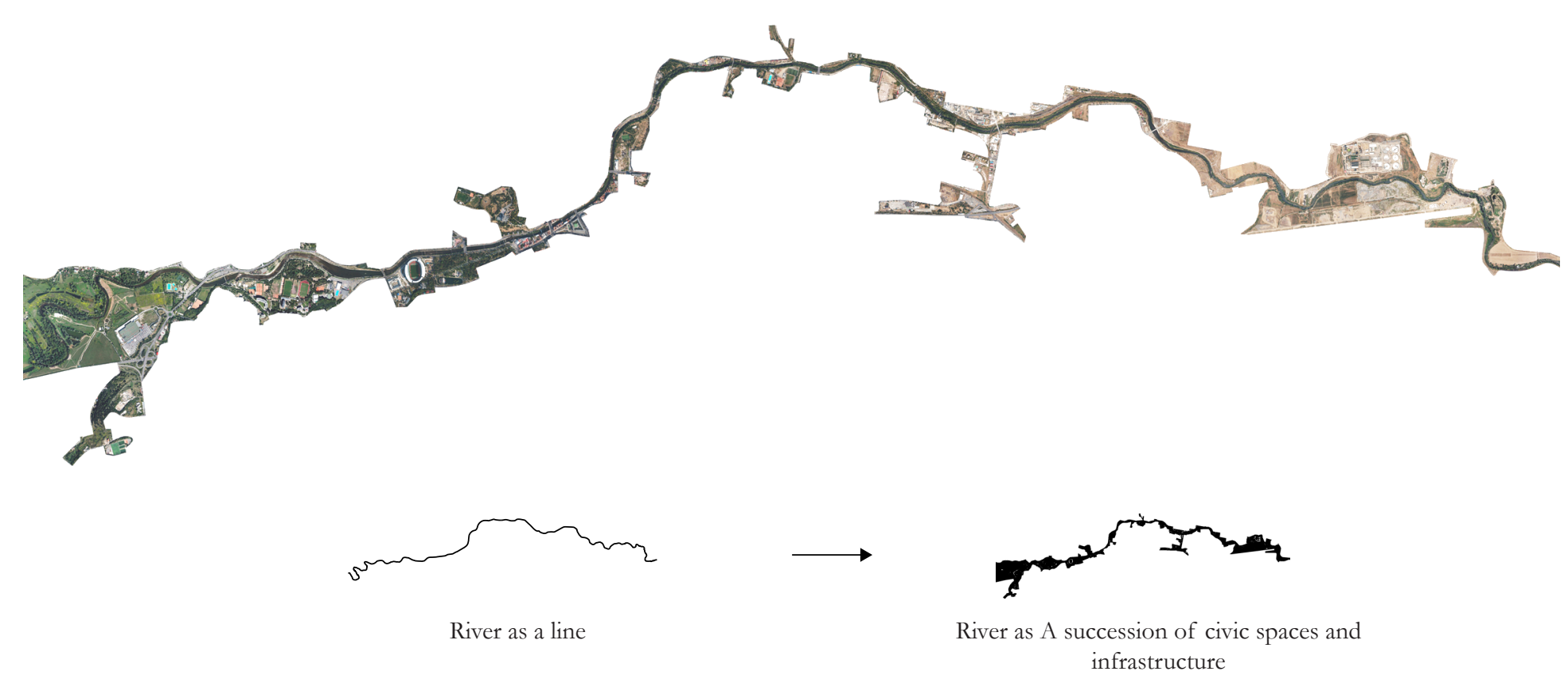
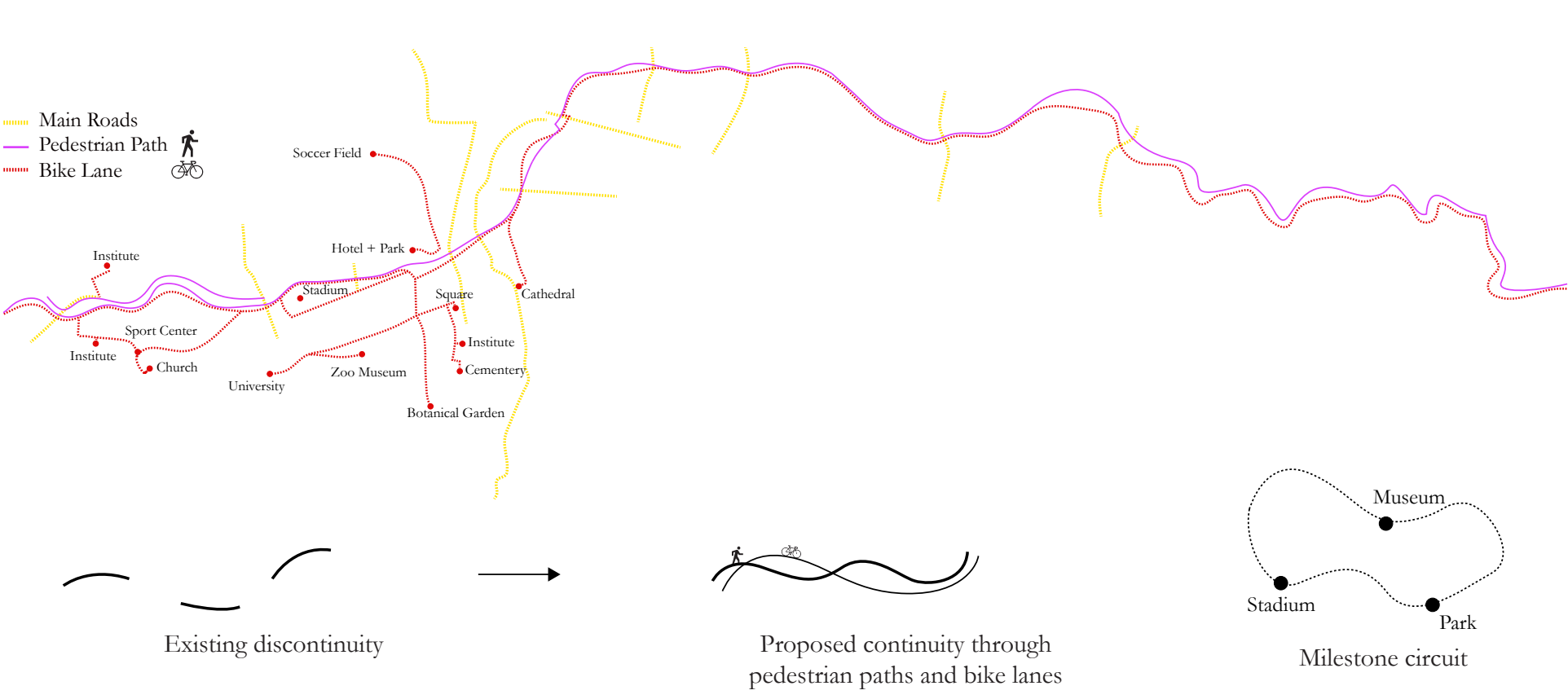


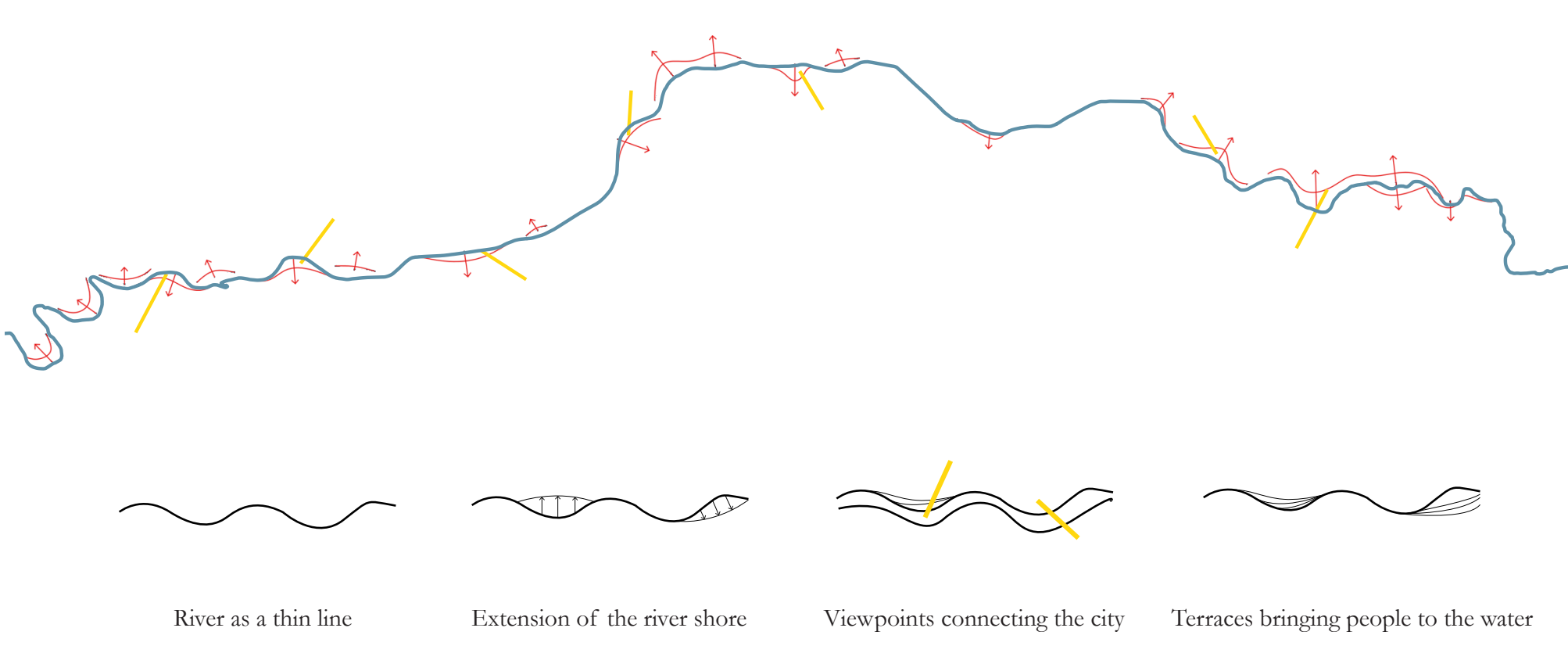
RIVER AS SUCCESSION OF CIVIC SPACES AND INFRASTRUCTURE



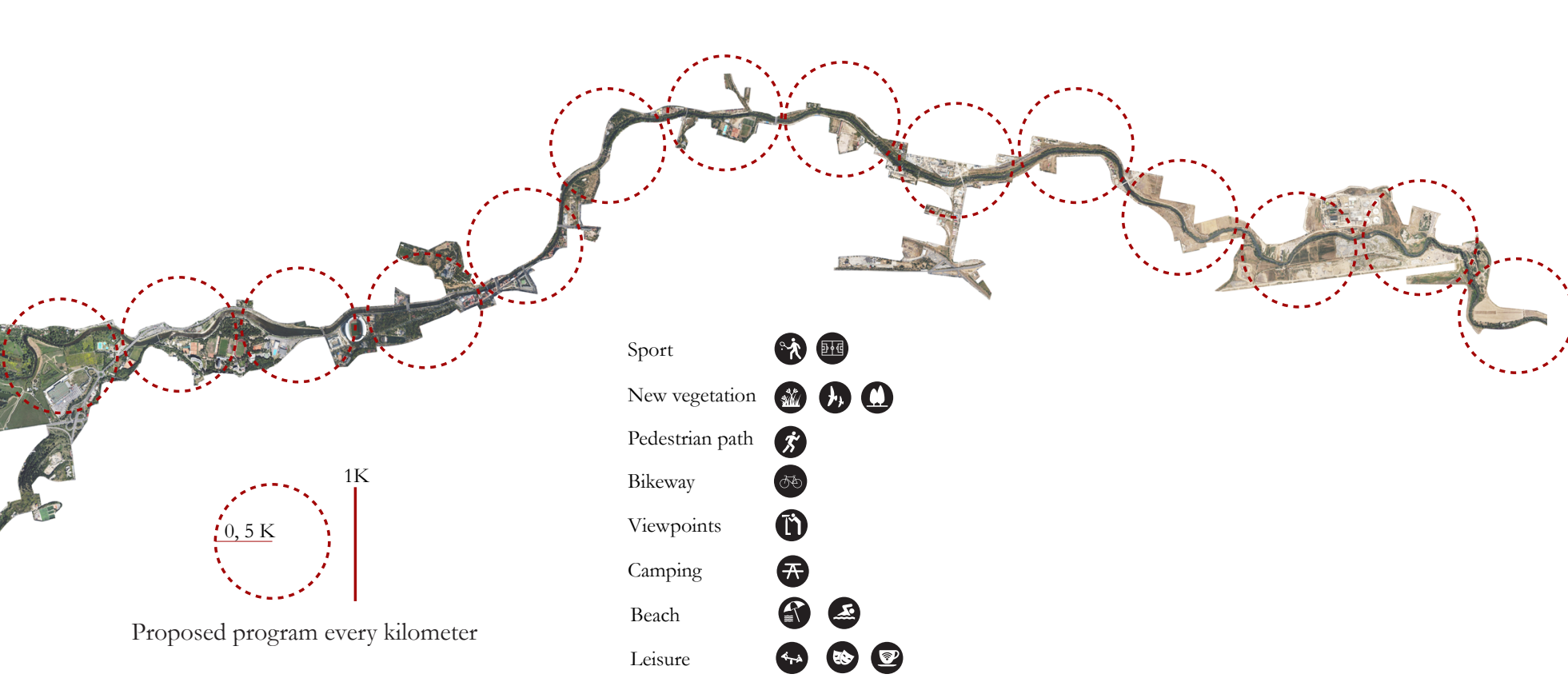
CIRCULATION



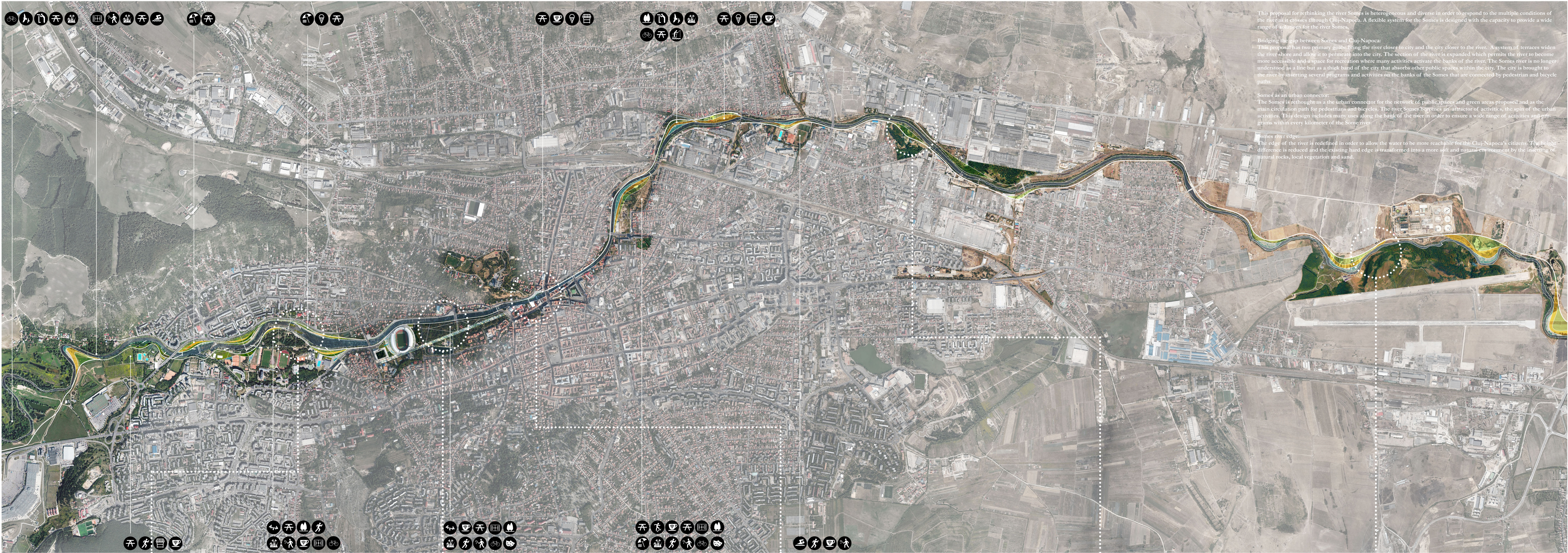
EXTENSION OF THE RIVER TERRACES



PROGRAM



GENERAL PLAN SCALE 1:12000



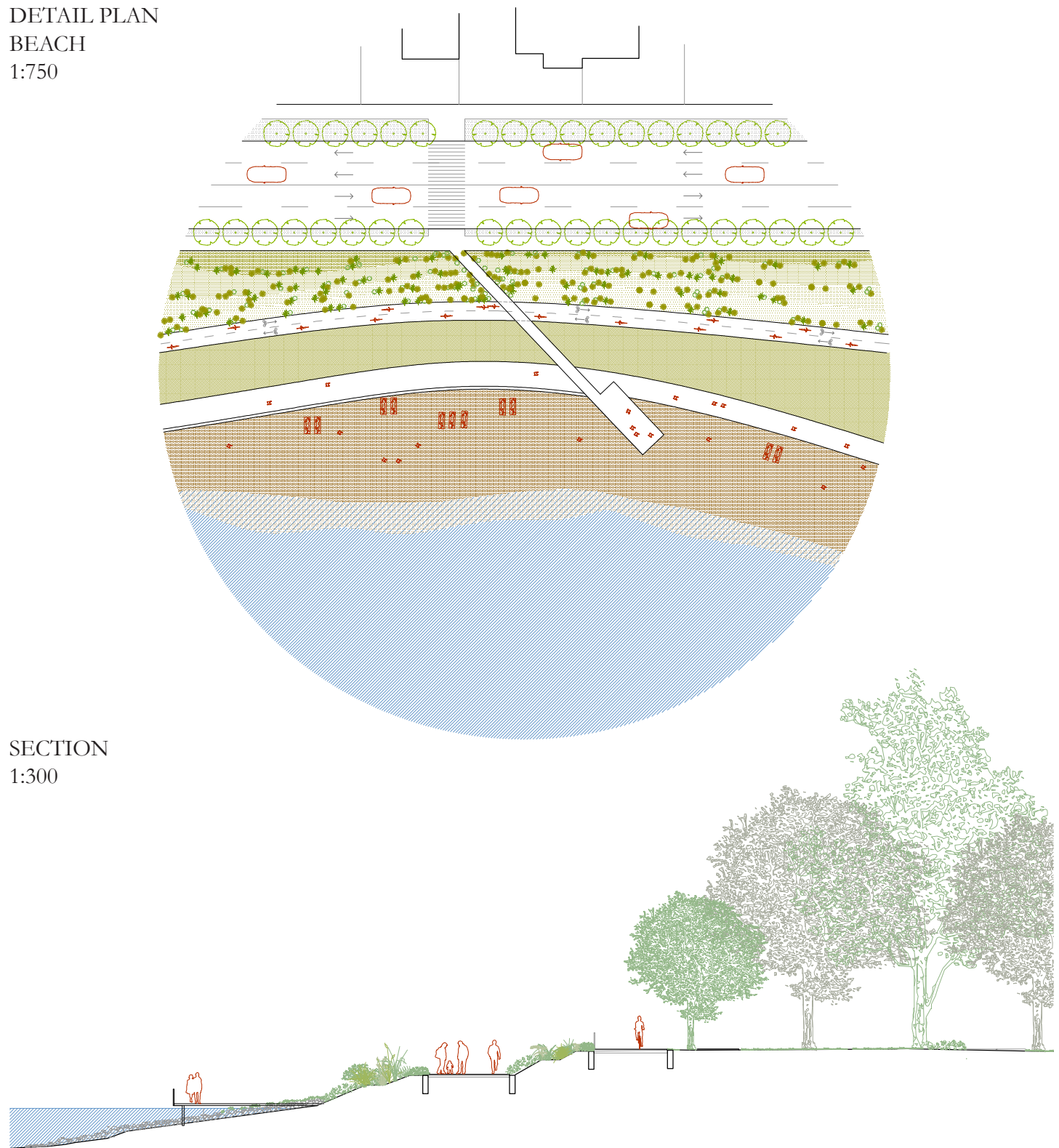
This proposal for rethinking the river Somes is heterogeneous and diverse in order to respond to the multiple conditions of the river as it crosses through Cluj-Napoca. A flexible system for the Somes is designed with the capacity to provide a wide range of solutions for the river Somes.

Bridging the gap between Somes and Cluj-Napoca:  
This proposal has two primary goals: bring the river closer to city and the city closer to the river. A system of terraces widen the river shore and allow it to permeate into the city. The section of the river is expanded which permits the river to become more accessible and a space for recreation where many activities activate the banks of the river. The Somes river is no longer understood as a line but as a thick band of the city that absorbs other public spaces within the city. The city is brought to the river by inserting several programs and activities on the banks of the Somes that are connected by pedestrian and bicycle paths.

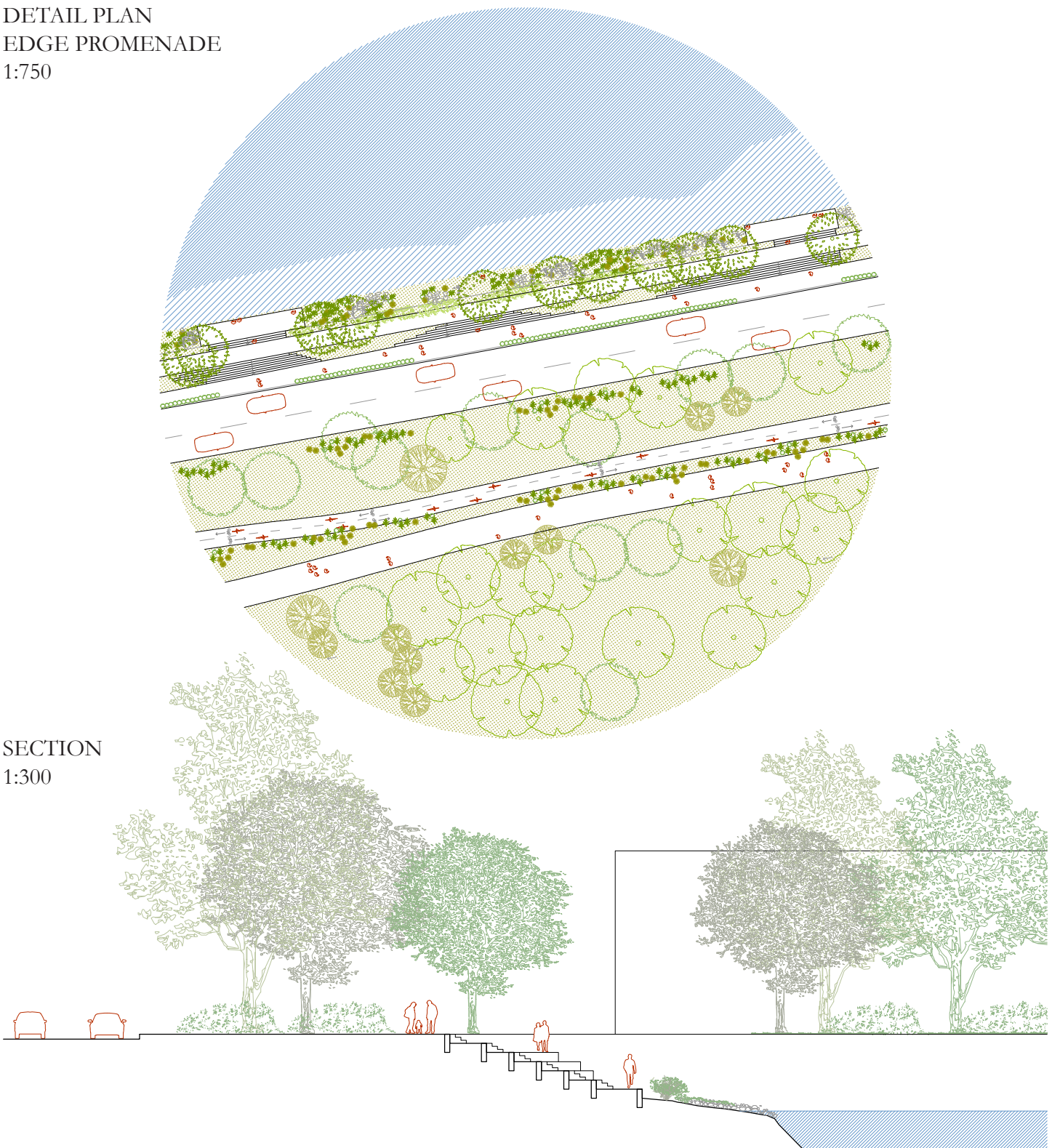
Somes as an urban connector:  
The Somes is rethought as a urban connector for the network of public spaces and green areas proposed and as the main circulation path for pedestrians and bicycles. The river Somes becomes an attractor of activities, the spin of the urban activities. This design includes many uses along the bank of the river in order to ensure a wide range of activities and programs within every kilometer of the Somes river.

Shapes river edge:  
The edge of the river is redefined in order to allow the water to be more reachable for the Cluj-Napoca's citizens. The height difference is reduced and the existing hard edge is transformed into a more soft and natural environment by the inserting of natural rocks, local vegetation and sand.

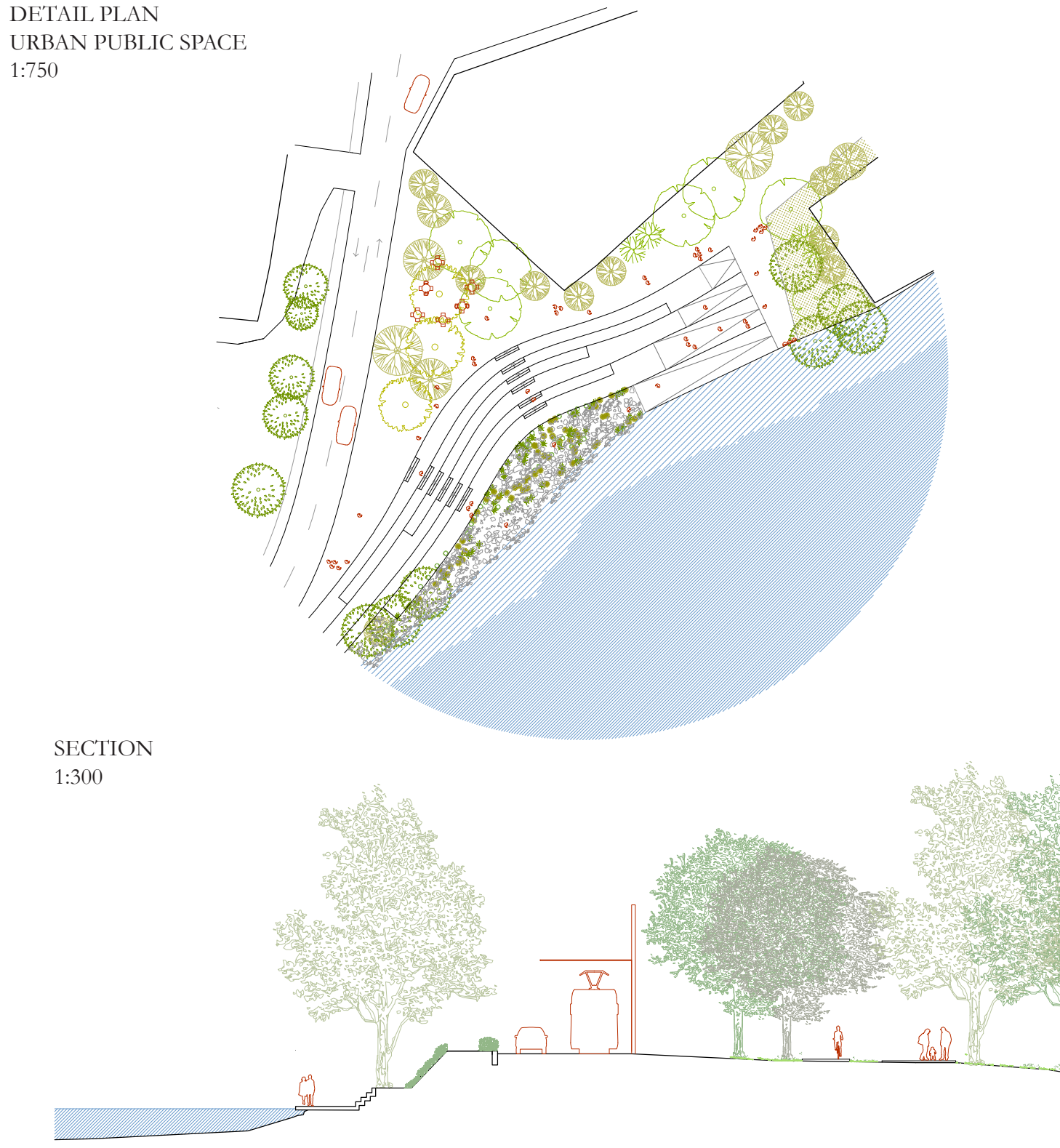
DETAIL PLAN  
BEACH  
1:750



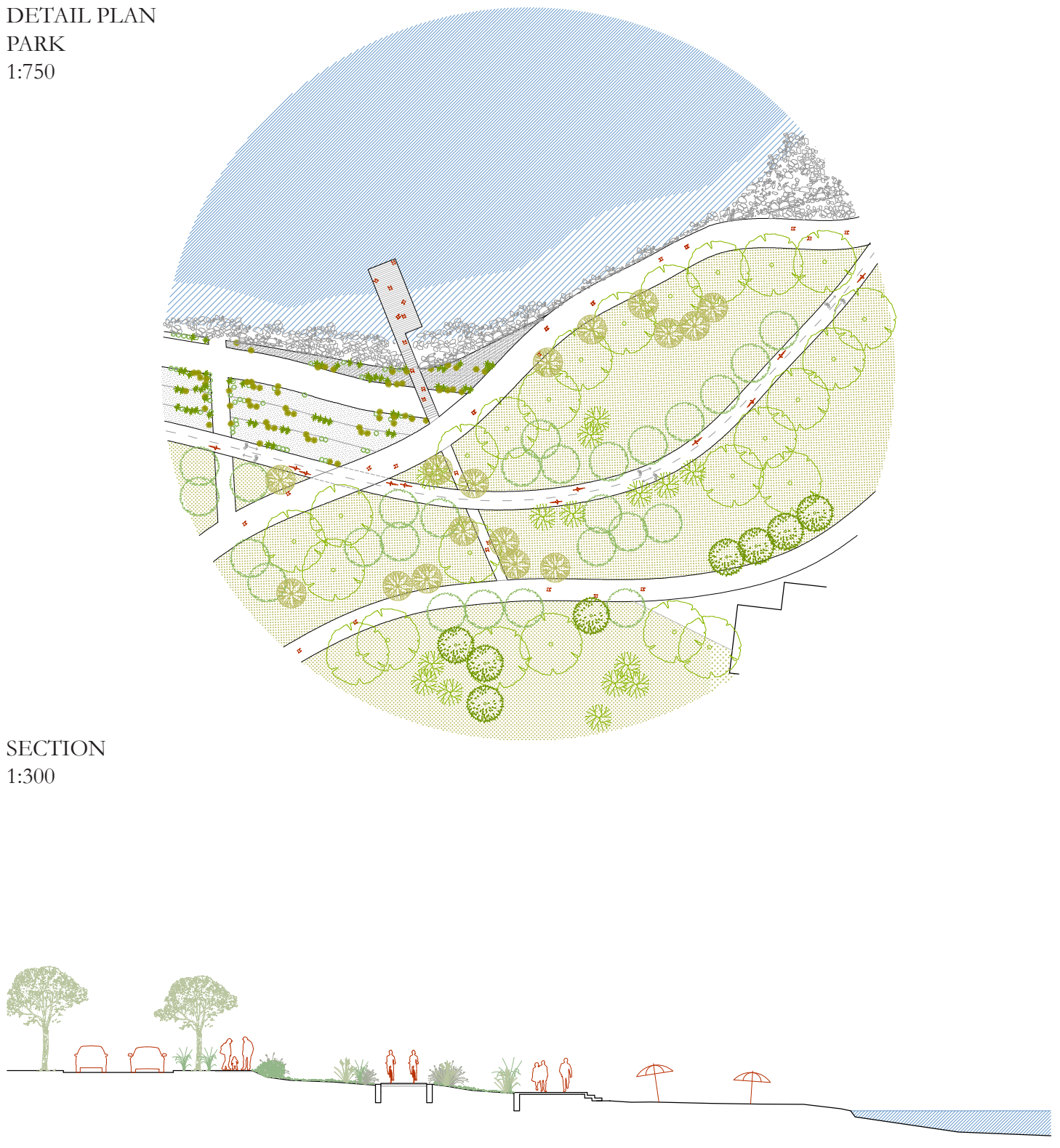
DETAIL PLAN  
EDGE PROMENADE  
1:750



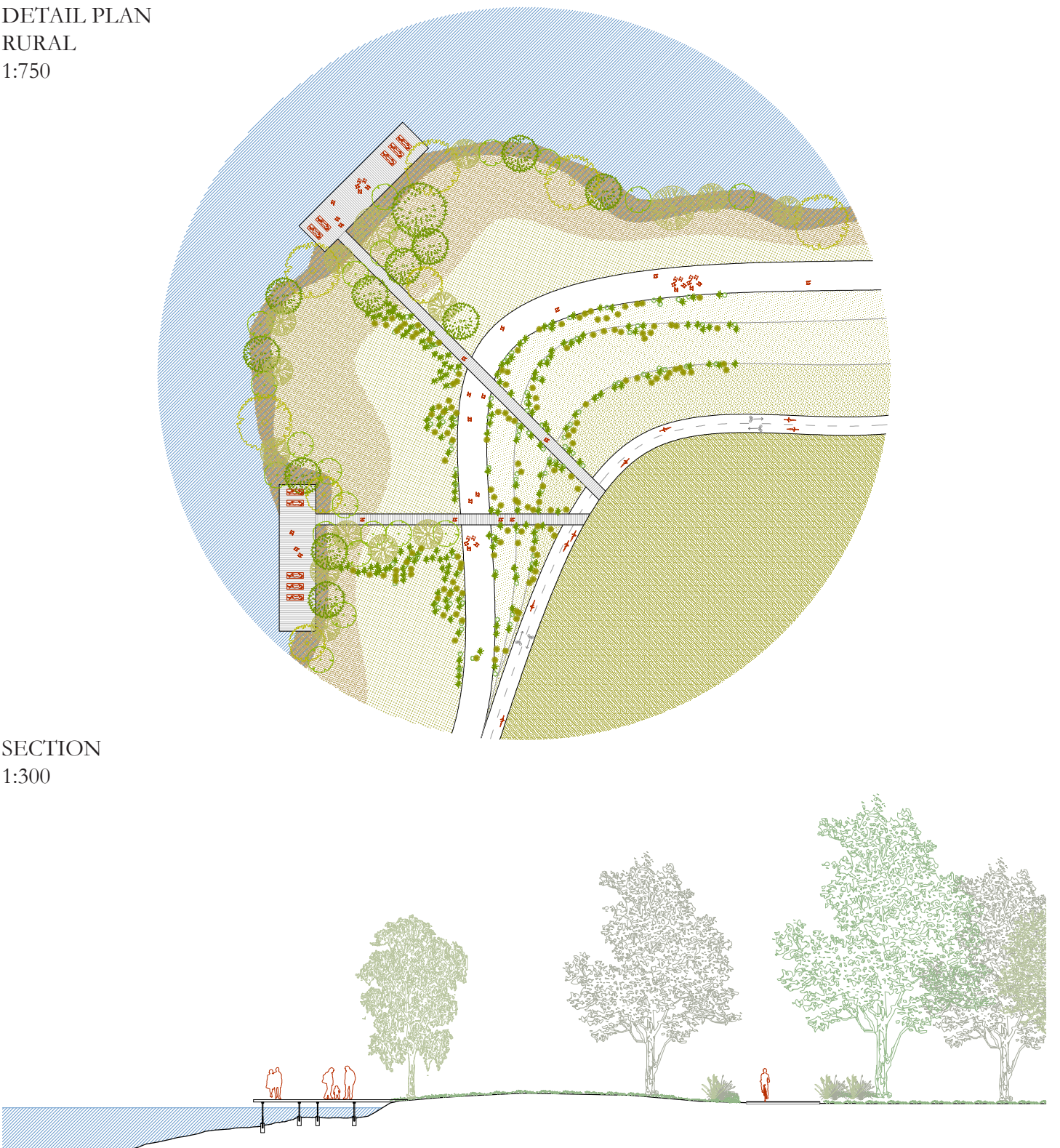
DETAIL PLAN  
URBAN PUBLIC SPACE  
1:750



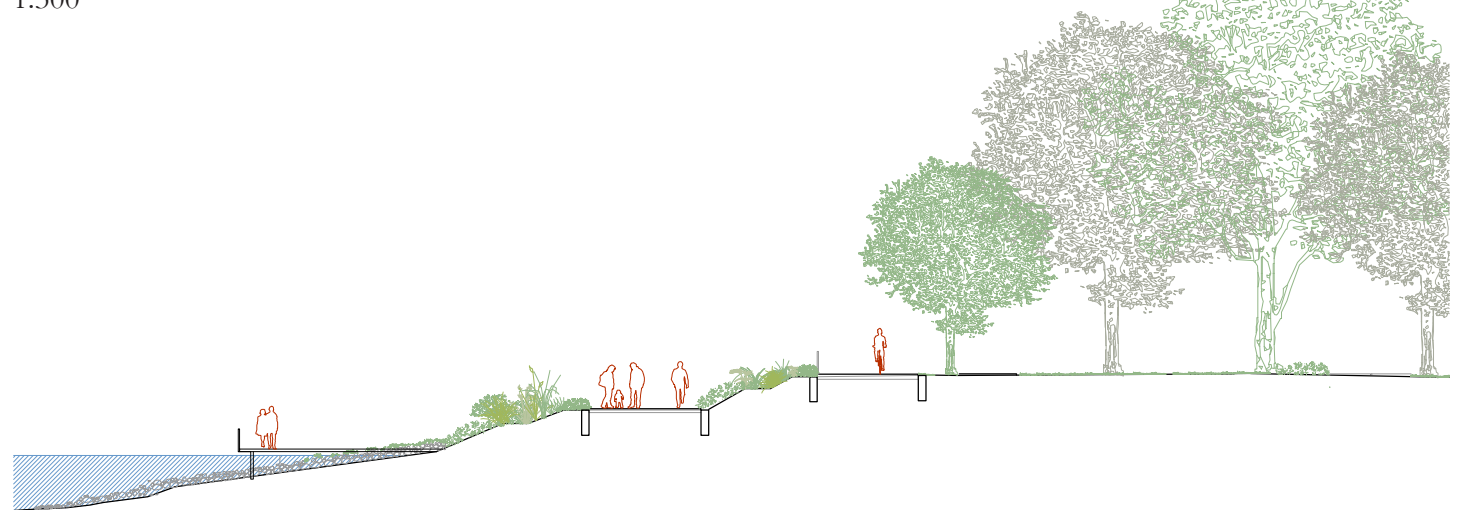
DETAIL PLAN  
PARK  
1:750



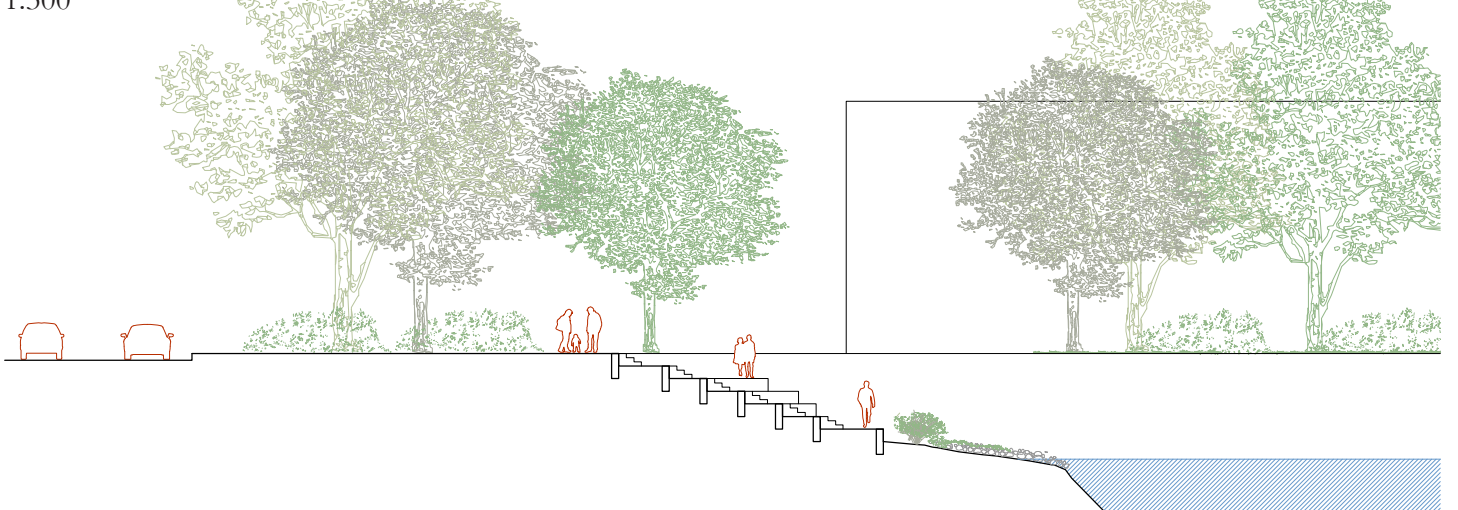
DETAIL PLAN  
RURAL  
1:750



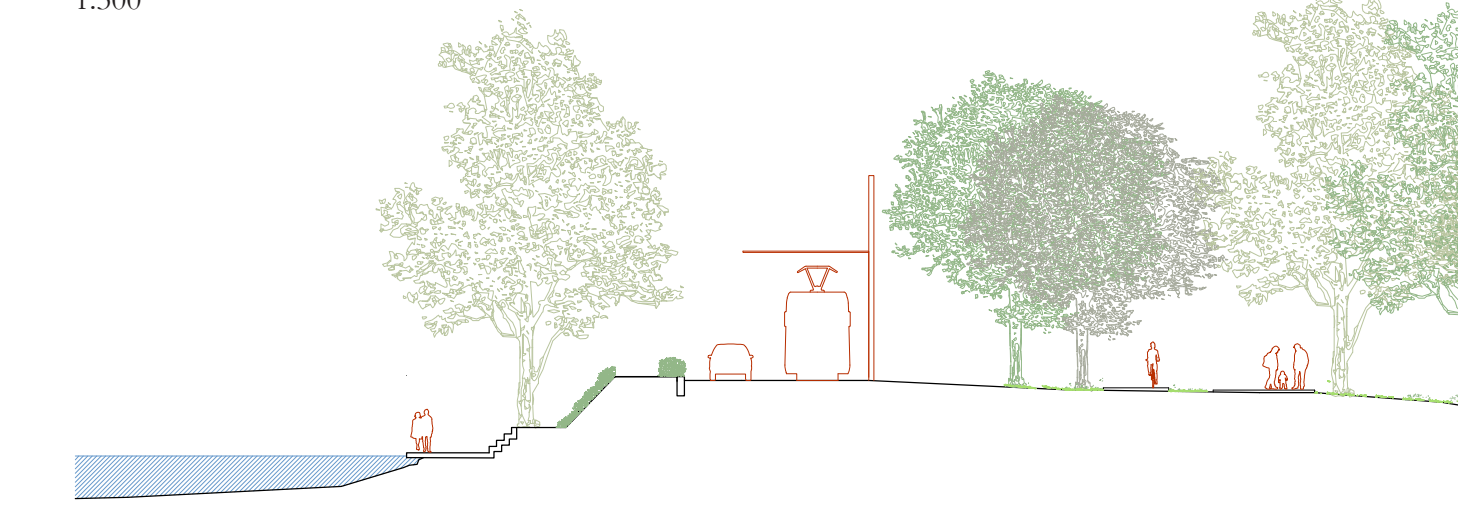
SECTION  
1:300



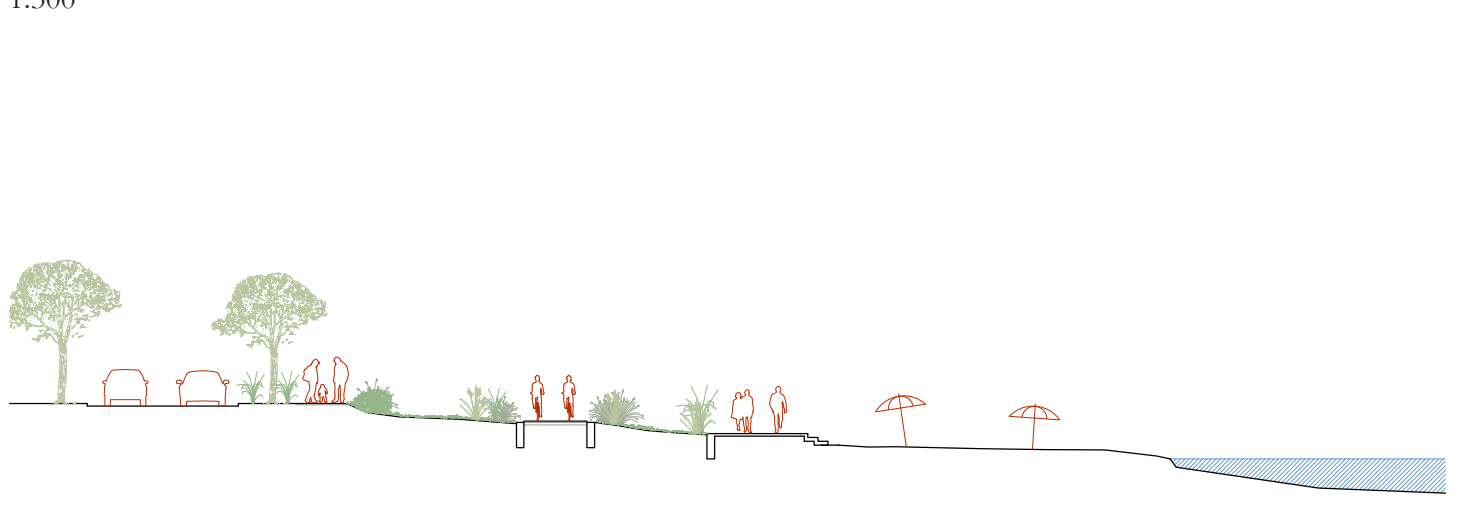
SECTION  
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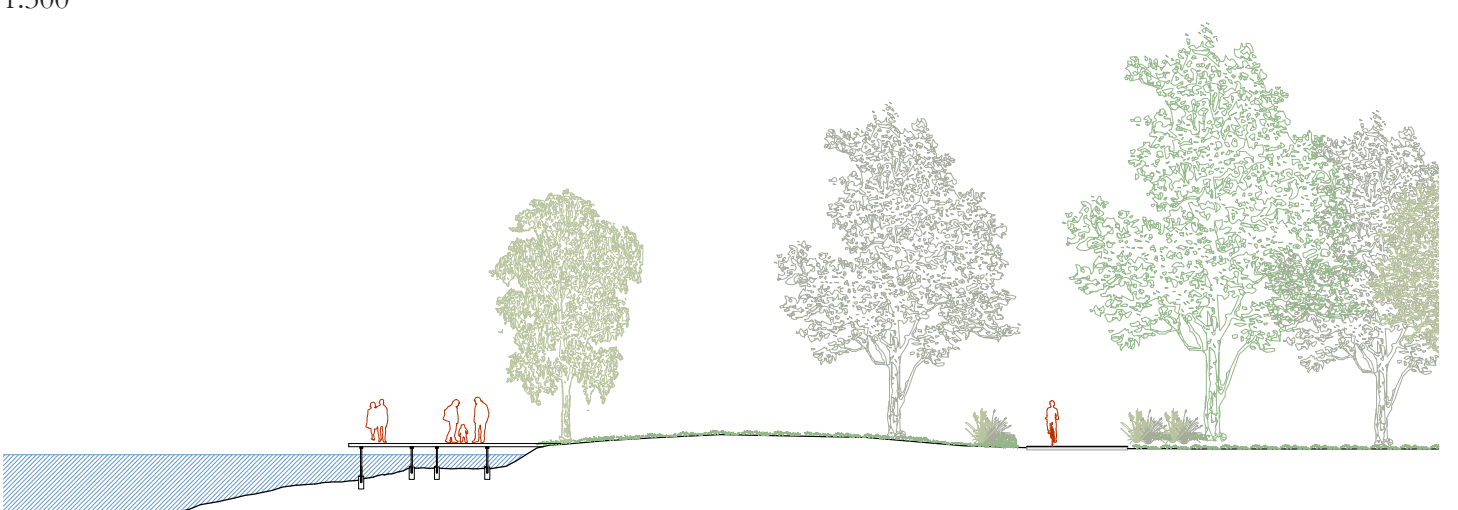
SECTION  
1:300



SECTION  
1:300



SECTION  
1:300



After understanding the value of the existing beach that serves as the platform for a new relationship between the river and citizens, more beaches are incorporated. A system of beaches is created through the river Somes that allow users to sunbath and experience the river in another manner.

This section of the river is proposed for some areas where the intervention is minimal and limited to the edge of the river with the goal of reducing the distance between the river and the inhabitants of Cluj-Napoca.

This section of the river is proposed for areas in which the very dense city fabric touches the river. A hard surface is created as an extension of a public space.

This section of the river can be applied in several areas, specially in zone 2. These conditions of soft terraces bring the park closer to the water by incorporating the park as part of the ecological systems of the river and permits the citizens to enjoy the water while being in the park.

This section of the river is proposed for some areas in the east part of the river. A soft intervention that makes the Somes accessible for the people with the goal of connecting the proposed cycle and pedestrian paths with other metropolitan areas. This is a system of soft terraces with sand, dirt and rocks.



SECTION 1

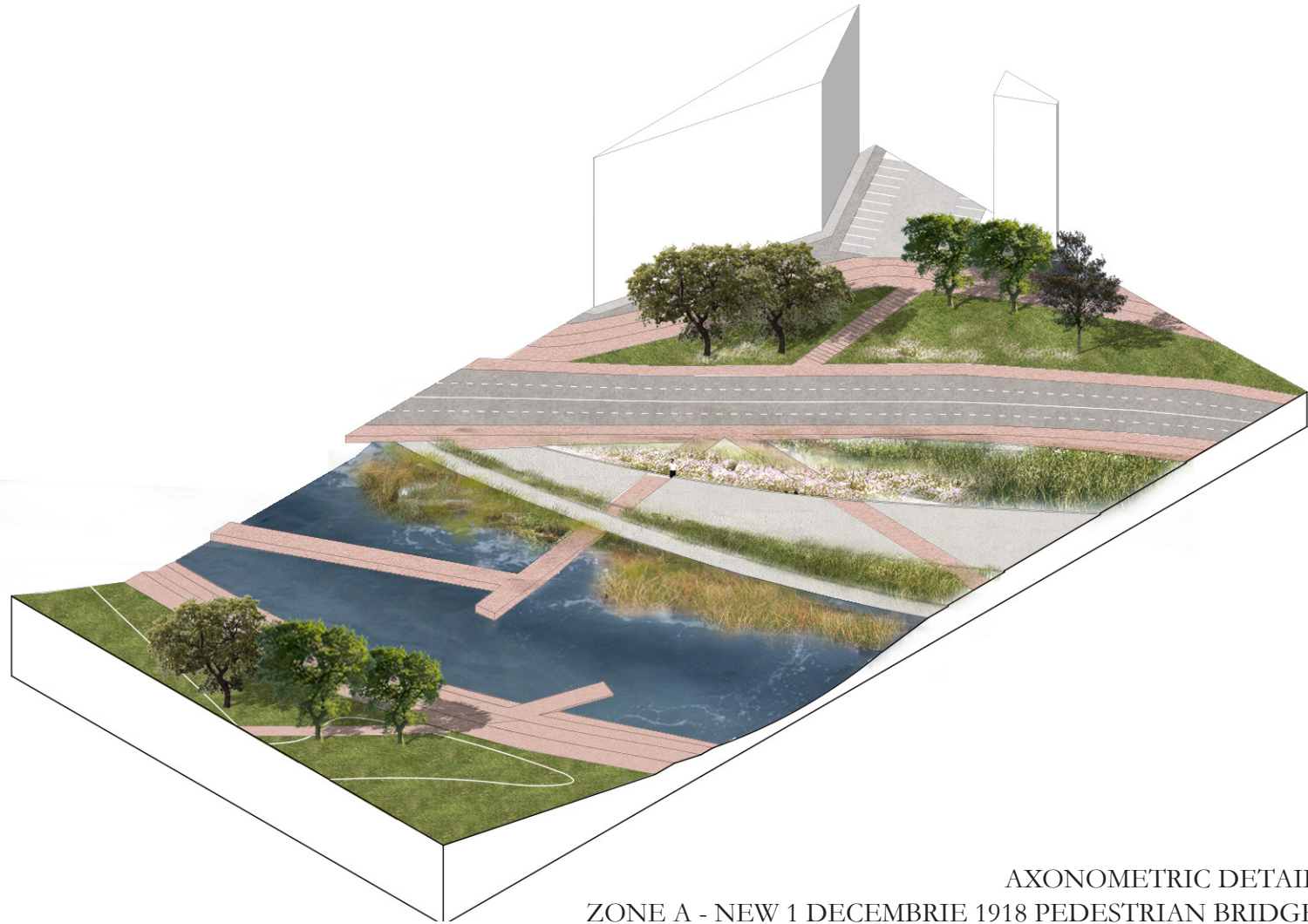
In this area the proposal rethinks the relationship between the river and the city throughout multiple strategies, explained from west east:

1. Grigorescu Olympic Pool and bus node:  
- The water penetrates the land and reimagines other recreational ways of using the water  
- Reorganization of the parking for Grigorescu Olympic Pool.  
- New pedestrian bridge connects the two banks.  
- Relocate the bus node in order to incorporate the area in the river as a system of terraces.

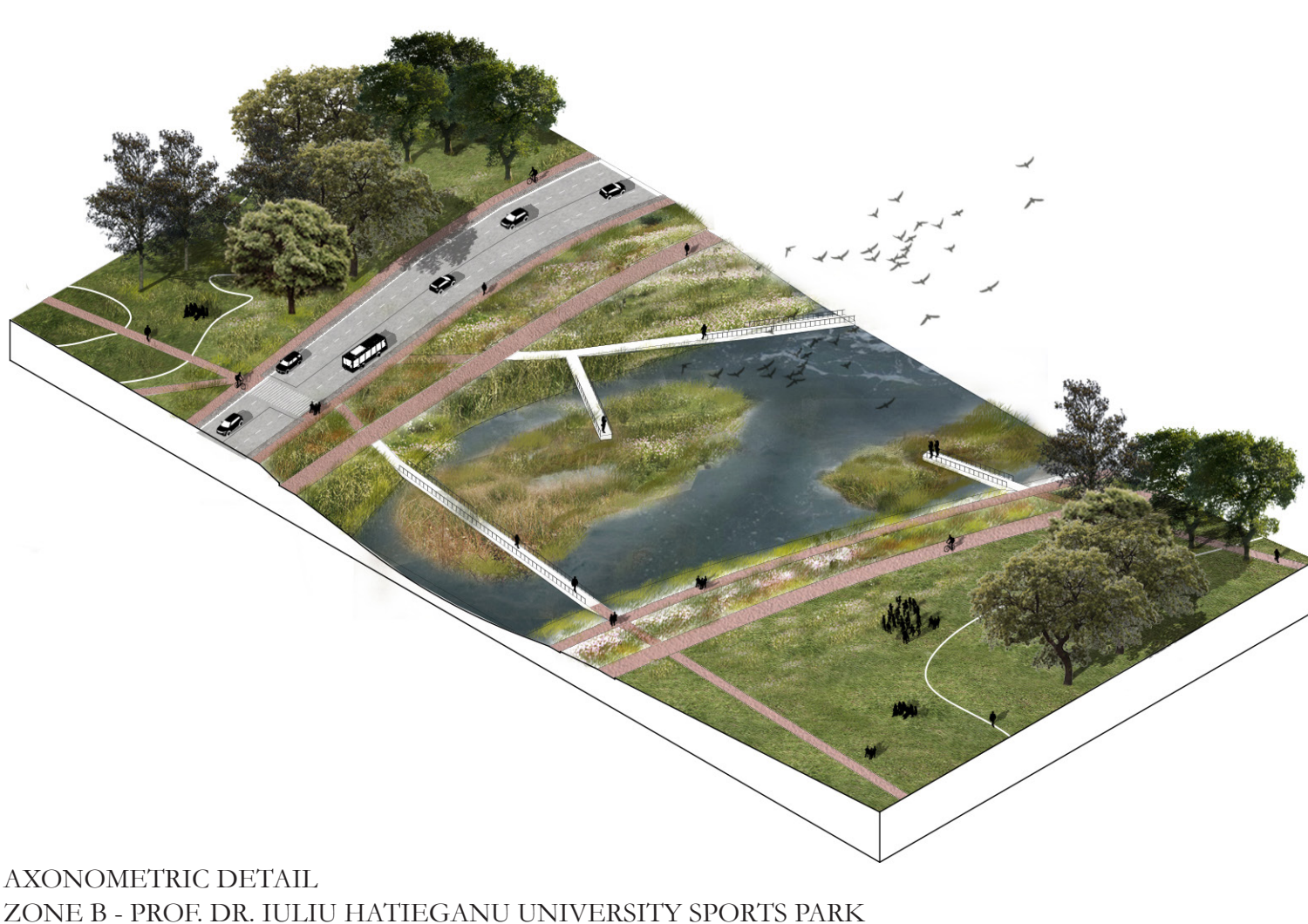
2. Grigorescu beach, Iuliu Hatieganu Park and the platform of the "Horea Demian" Sports Hall  
- Organization of waterfront in relation to water, beach and parks.  
- The existing islands are consolidated and made accessible  
- New bridge is proposed  
- New edge condition brings water closer to users

3. Banks of the river along Tinerețului Street  
A stronger connection between park and water is proposed by reducing the street lines from three to two. A shared road between the trams and cars is proposed as well as making the road besides the park a one direction road. The direction of the road for cars can change throughout the day depending on the traffic flows. As suggested by the competition brief, a part of the north bank is made pedestrian and a new public space on the north bank is created.
4. Re-placing an old cat walk in the old location of the " Germans' Bridge".  
The design aims to recuperate the connection of the old german bridge and activating the cultural building the Casa Tranzit by the building a space.

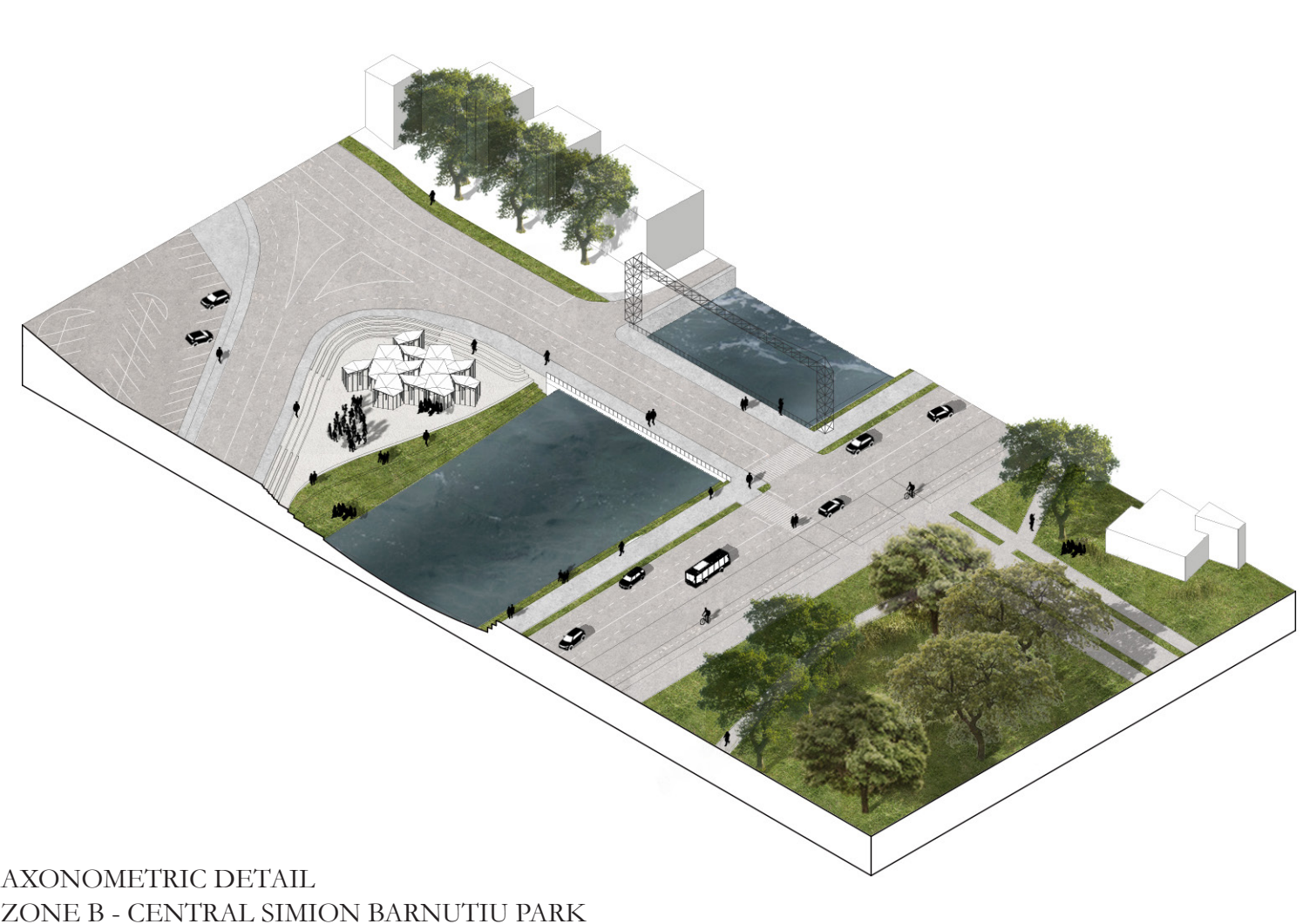
5. The square near the former Astoria Hotel, the right bank of Dragalina Street.  
Create a new urban public space by closing to traffic part of the Strada General Dragalia as it reaches Strada Regele-Ferdinand.



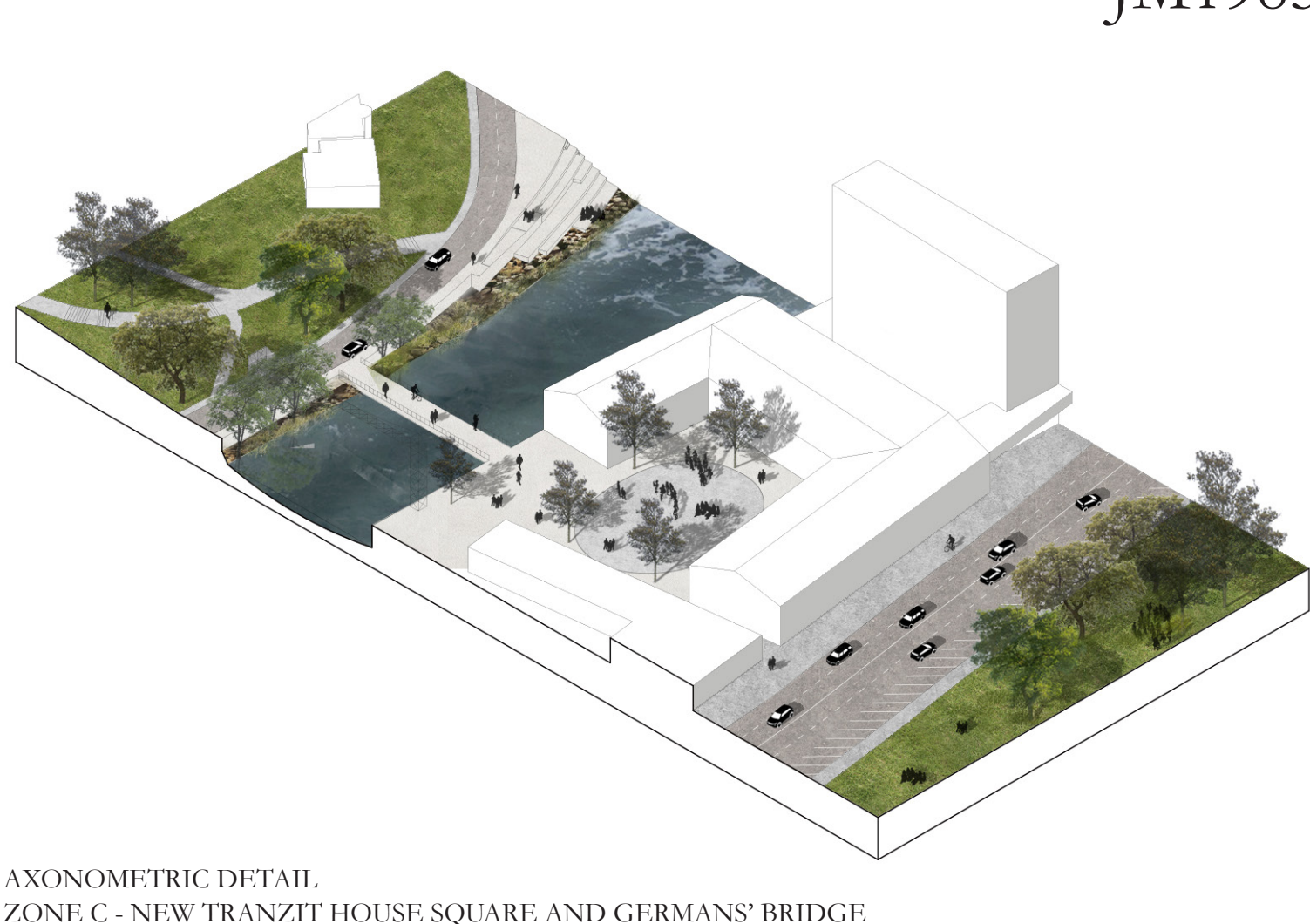
AXONOMETRIC DETAIL  
ZONE A - NEW 1 DECEMBRIE 1918 PEDESTRIAN BRIDGE



AXONOMETRIC DETAIL  
ZONE B - PROF. DR. IULIU HATIEGANU UNIVERSITY SPORTS PARK



AXONOMETRIC DETAIL  
ZONE B - CENTRAL SIMION BARNUTIU PARK



AXONOMETRIC DETAIL  
ZONE C - NEW TRANZIT HOUSE SQUARE AND GERMANS' BRIDGE



VIEW FROM PEDESTRIAN BRIDGE



RIVER WALK ALONG HISTORIC CENTER



NEW TRANZIT HOUSE SQUARE AND GERMANS' BRIDGE



RETHINKING SOMES – Solutions Competition

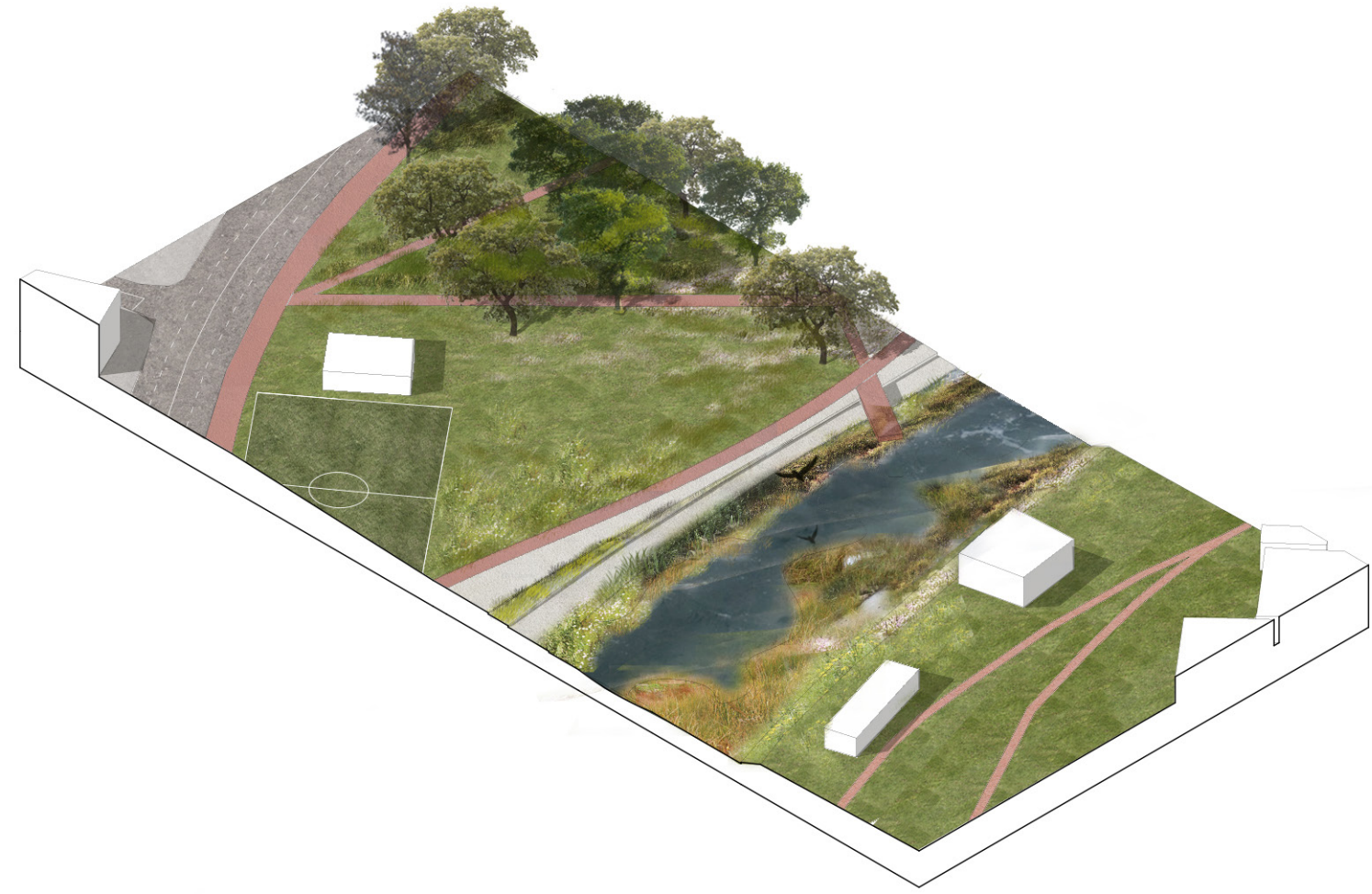
SECTION 2

Armatura park is rethought as a park with a stronger relationship with the water. It extends through the east by incorporating Industrial area between Strada Nadasel and Somes River which is connected with the Armatura park with a new bridge that crosses the Nadas tributary.

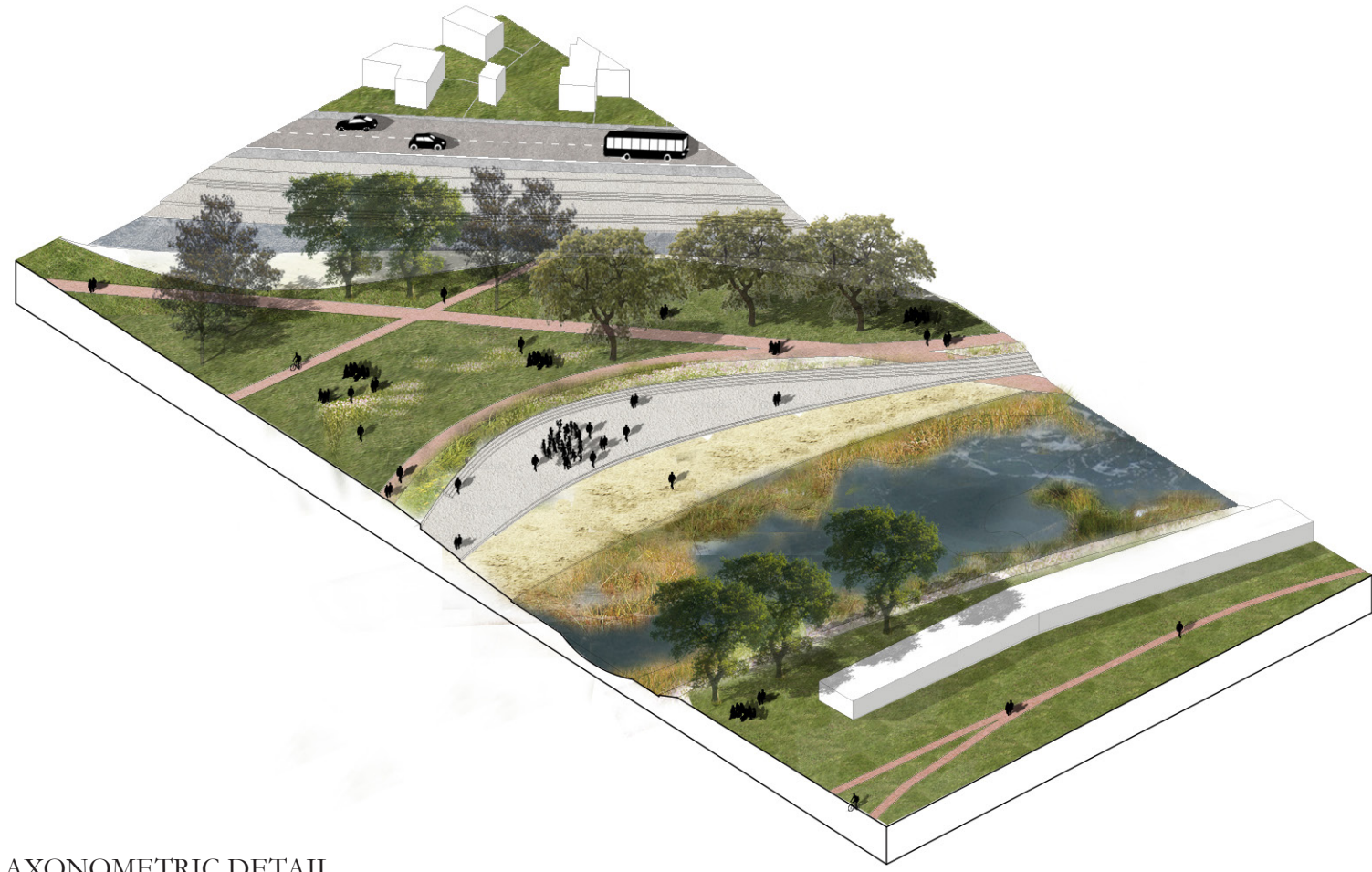
The tributary of the Somes is included as part the ecological system by redesigning the edge. A system of steps allow the citizen to engage with the tributary.

Components:

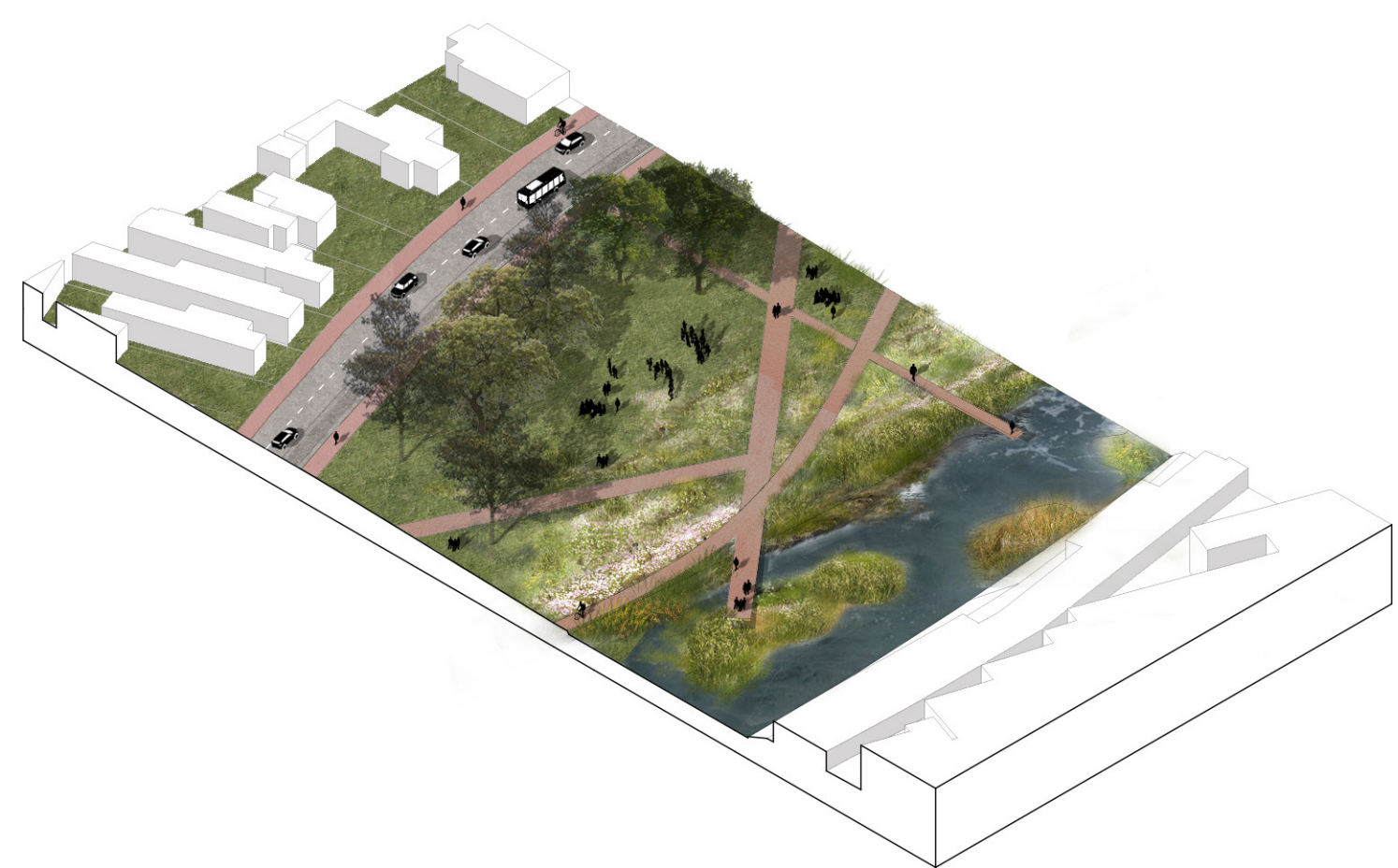
This proposal is defined by the combination and dialogue between several basic components: terraces, paths along the river Somes, a system of diagonal paths that reach the water and vegetation. The terraces are areas of expansion for the river and serve as a platform for a diverse and a mix arrangements: outdoors theatres and cinemas, promenades, community gathering spaces, etc. The longitudinal bicycle and pedestrian paths give continuity to the circulation along the river, currently fragmented, and allows the Somes to become the main circulation spins throughout the city. A system of diagonal paths aim to stitch the river and its immediate context. These paths redefine the existing paths by giving them continuity and allowing them to reach the water, building a visual connection between the city fabric and the city. These paths include some programs such as the cafes, restaurants and kiosks that activate those areas and bridge the current the programmatic gap between the city and the river. When reaching the water, these elements widen in order to create a platform to contemplate the water and a social gathering space very close from the water. The last component, the vegetation is used as a tool to create a larger system of green areas.



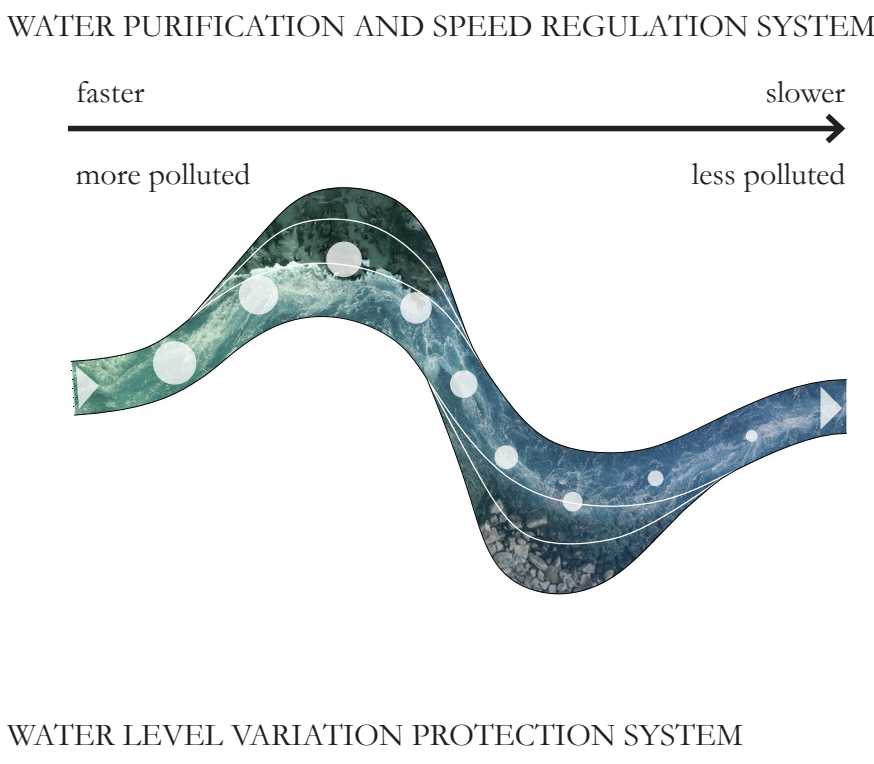
AXONOMETRIC DETAIL  
ZONE E - ARMATURA PARK



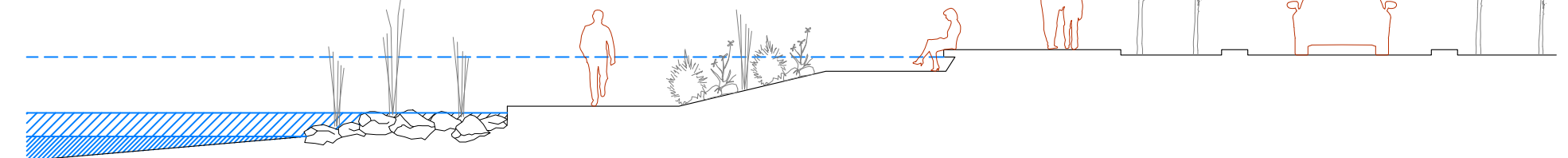
AXONOMETRIC DETAIL  
ZONE F - NADAS RIVER



AXONOMETRIC DETAIL  
ZONE G - NADASEL STREET



WATER PURIFICATION AND SPEED REGULATION SYSTEM



WATER LEVEL VARIATION PROTECTION SYSTEM

The terraced system that articulates both sides of the river includes a multi-purposed stepped layout. On one hand, the lower rock beds serve as a protection for the possible yearly water level variations and rises. The upper concrete retention walls also serve as protection for potential extreme or even catastrophic flooding events (see bottom diagram).

On the other hand, the lower rock levels embedded in the river meander slow down the water in order to enable a safer access to water for the inhabitants of the city. These rocks also host different species of purifying algae that clean the river water from polluting agents.



NEW SOMES BEACH



NEW NADAS RIVER LANDSCAPE



ARMATURA PARK