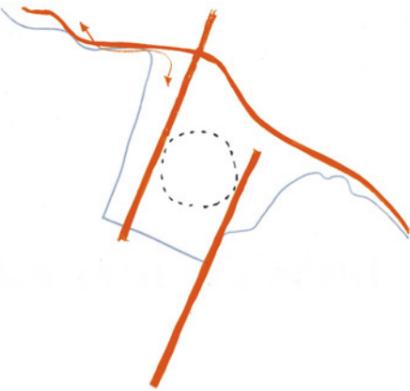


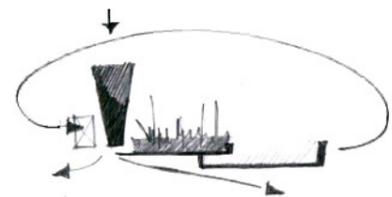
R0712

BETWEEN THE LINES



Designing limits for an open future

Designing the limits to improve the whole : allowing different scenarios to happen.



The water path: a solution to prevent flood and pollution, a poetic trace, the preservation of the memory of the railways on a changing site. RAILS = WATER.

Using the micro-topography
Step 1

Project: Step 1

The transport interchange is still in use.

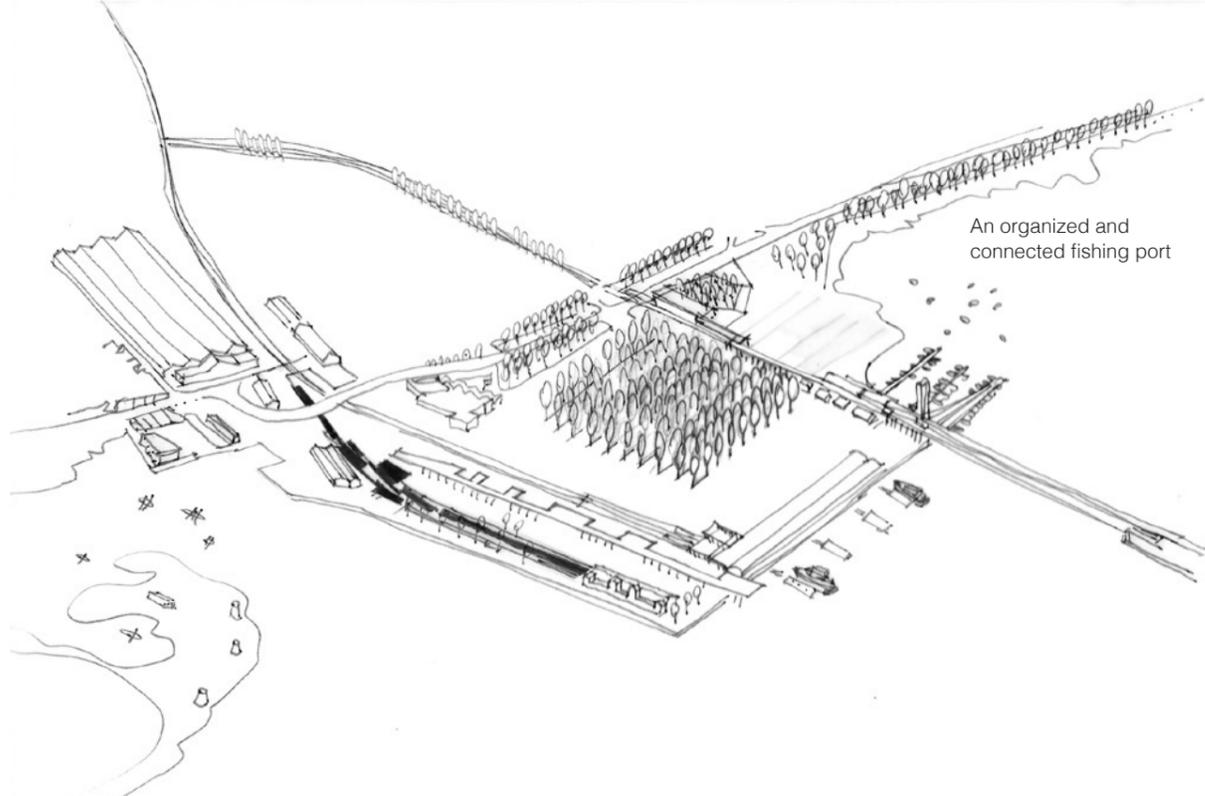
The intervention is concentrated on the limits of the site, allowing the transport interchange to keep functioning.

On the east side, the link to Seixal serves as a backbone to reinforce the fishing and marina activities and organize boat and car flows and parking.

On the west side, the former interchange area is to become a park by the riverside. The waterfront promenade is extended. Acknowledging the rail heritage, existing structures are preserved and refurbished. Restauration, leisure, sport and urban farming activities are created in the park.

Car and boat parking is reorganized in order to free the waterfront.

The parking lot is planted with tree lines to provide shade.



An organized and connected fishing port

Step 2

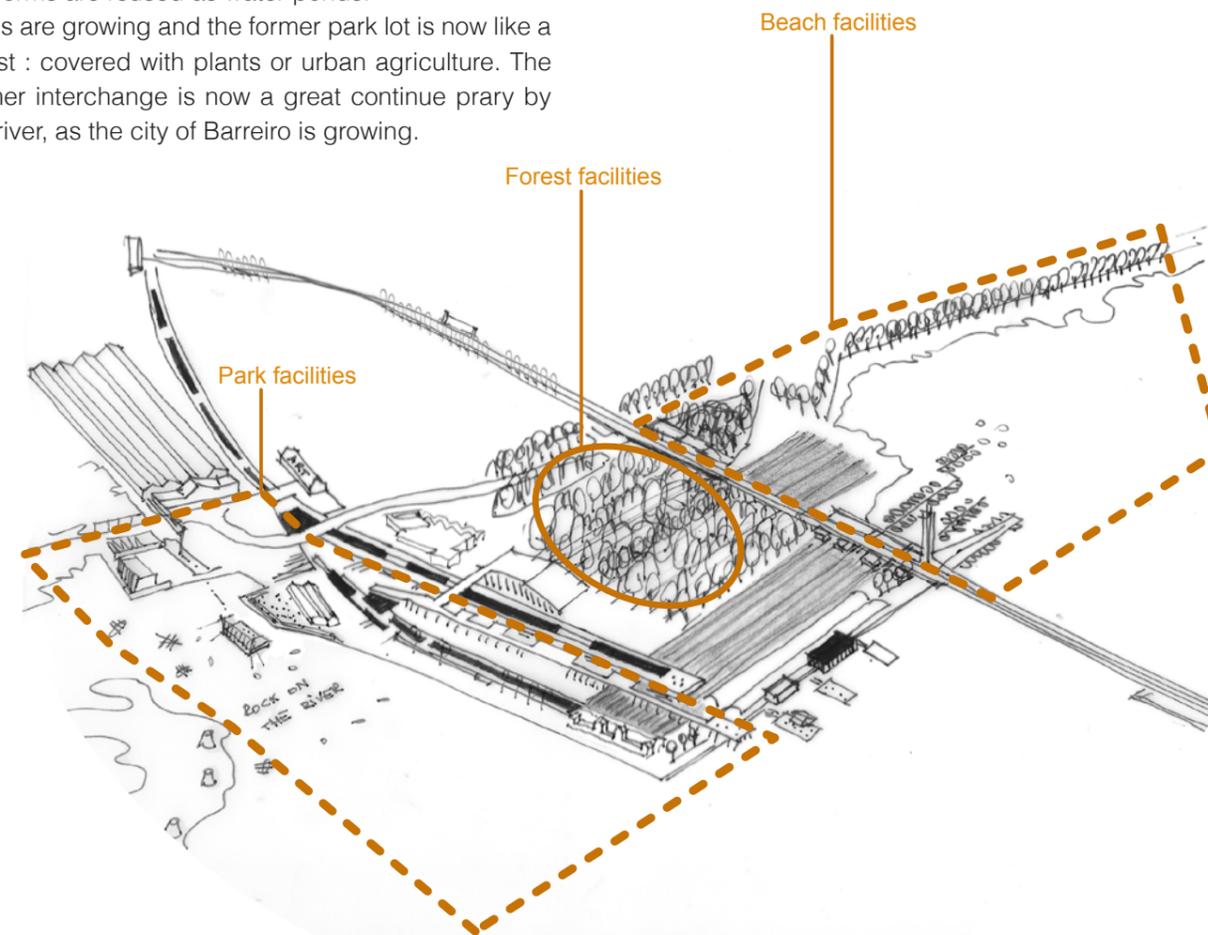
The transport interchange has been moved to another location.

The light train network improves the connexion to Seixal and its ferry terminal.

The interchange buildings are deconstructed and recycled in a newly created recycle centre accomadated in the old train factory.

The park is extended and now reaches the rails of the former Barreiro-Setubal line. The deactivated train platforms are reused as water ponds.

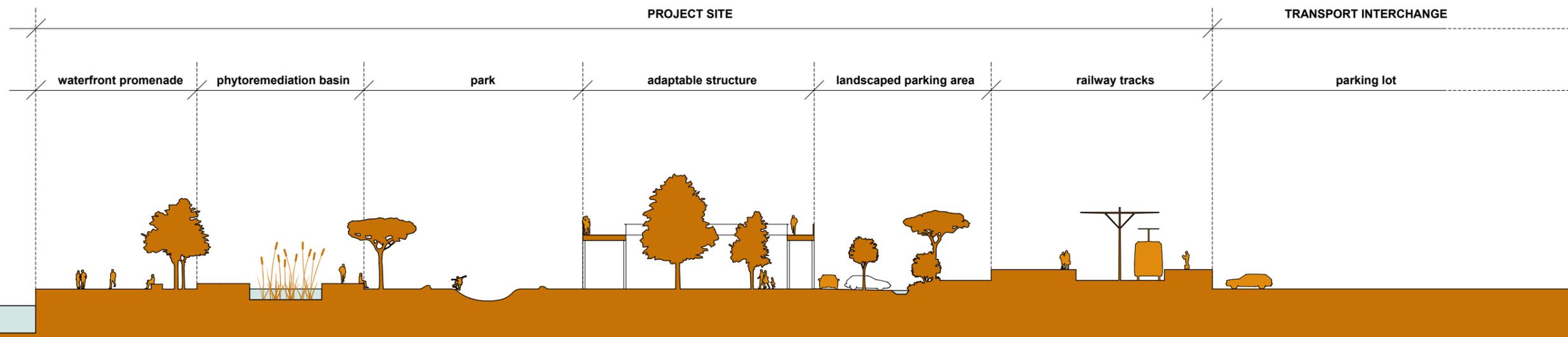
Trees are growing and the former park lot is now like a forest : covered with plants or urban agriculture. The former interchange is now a great continue prary by the river, as the city of Barreiro is growing.



Park facilities

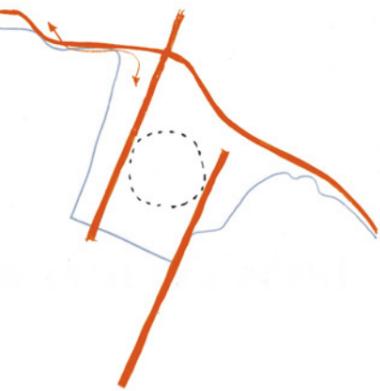
Forest facilities

Beach facilities



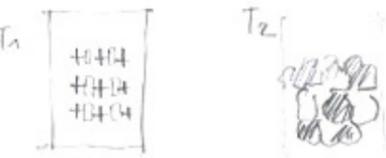
R0712

BETWEEN THE LINES



Designing limits for an open future

Designing the limits to improve the whole : allowing different scenarios to happen.



Landscaped parking lots with limited impermeable grounds (porous materials on parking spaces to allow the vegetation to grow).

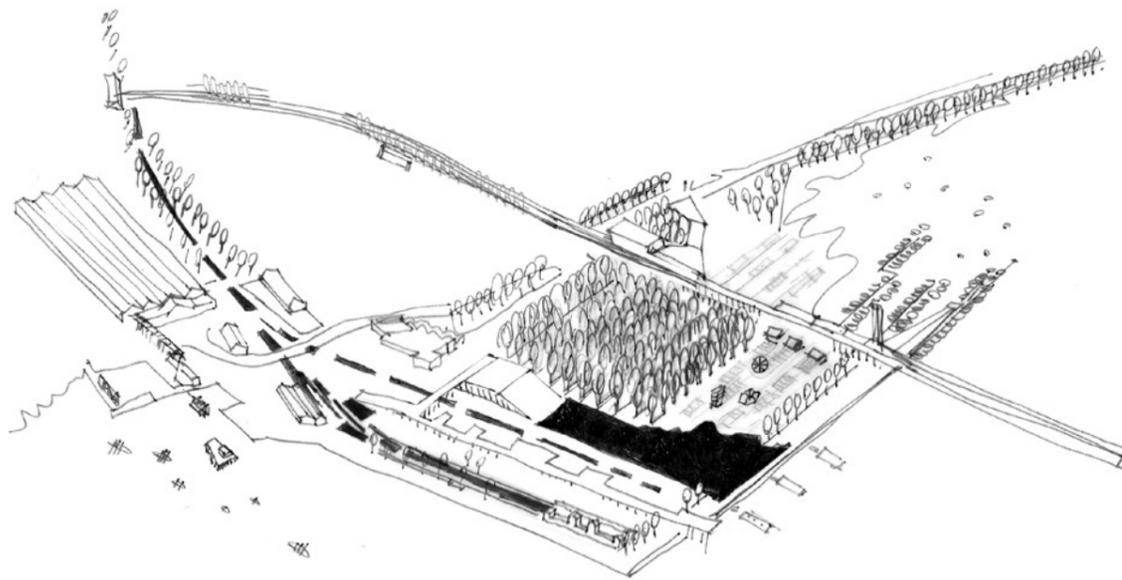
Using the micro-topography
Step 2 - 3 - 4

Step 3

The city is now much denser and needs a preserved natural area where leisure activities can take place.

A big natural pool is created, allowing to swim by the river while providing plant depollution. It's location evoke the original peninsula in reference to the original situation of the Sul & Suleste terminal.

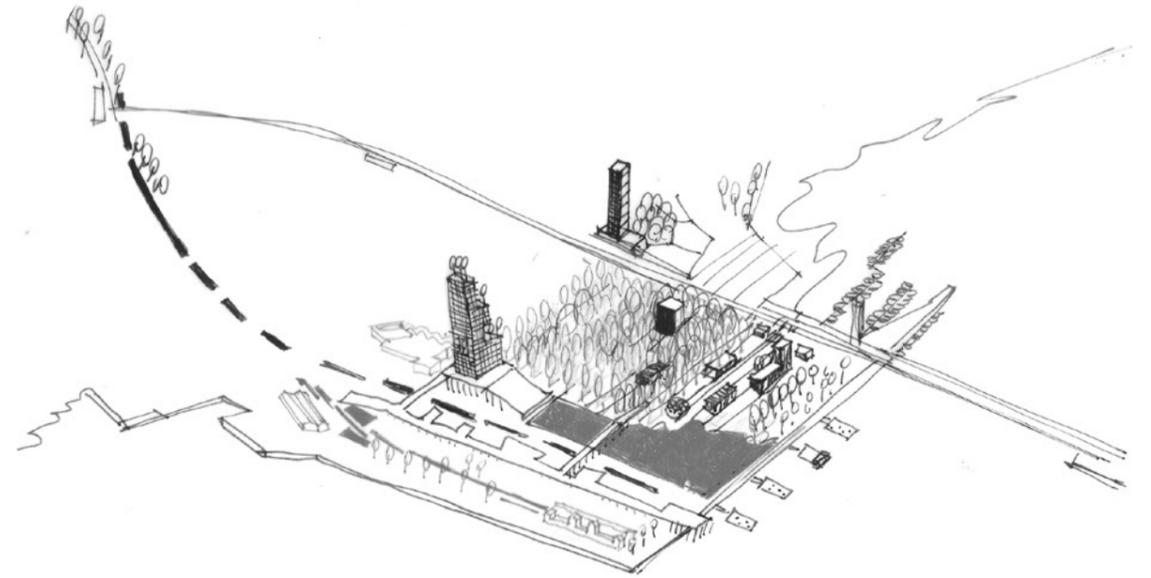
The site is now an artificial forest and beach in the mark of the industrial and infrastructural history. It constitutes a major natural site in the Lisbon metropolis.



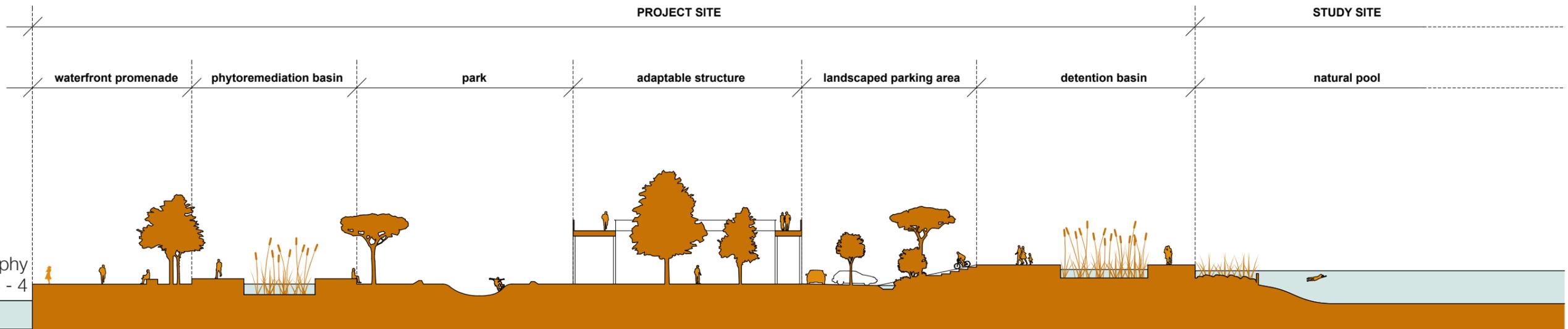
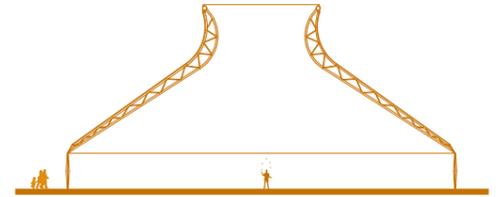
Step 4

If the city keeps growing and more housing is needed, the site can also be densified. Co-housing and co-working spaces are inserted into the park or on the bases formed by car-park like a vertical city.

Barreiro can decided to let natural systems take their course : the natural space can also be preserved as a strictly natural space with various activities, facilities and paths.

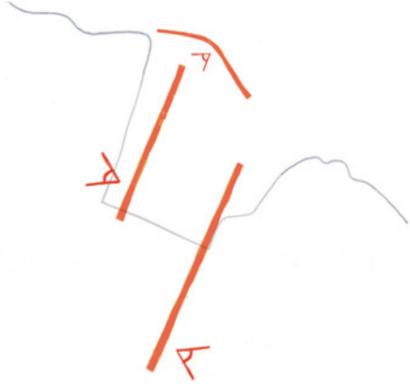


↓ Recycling the existing structure

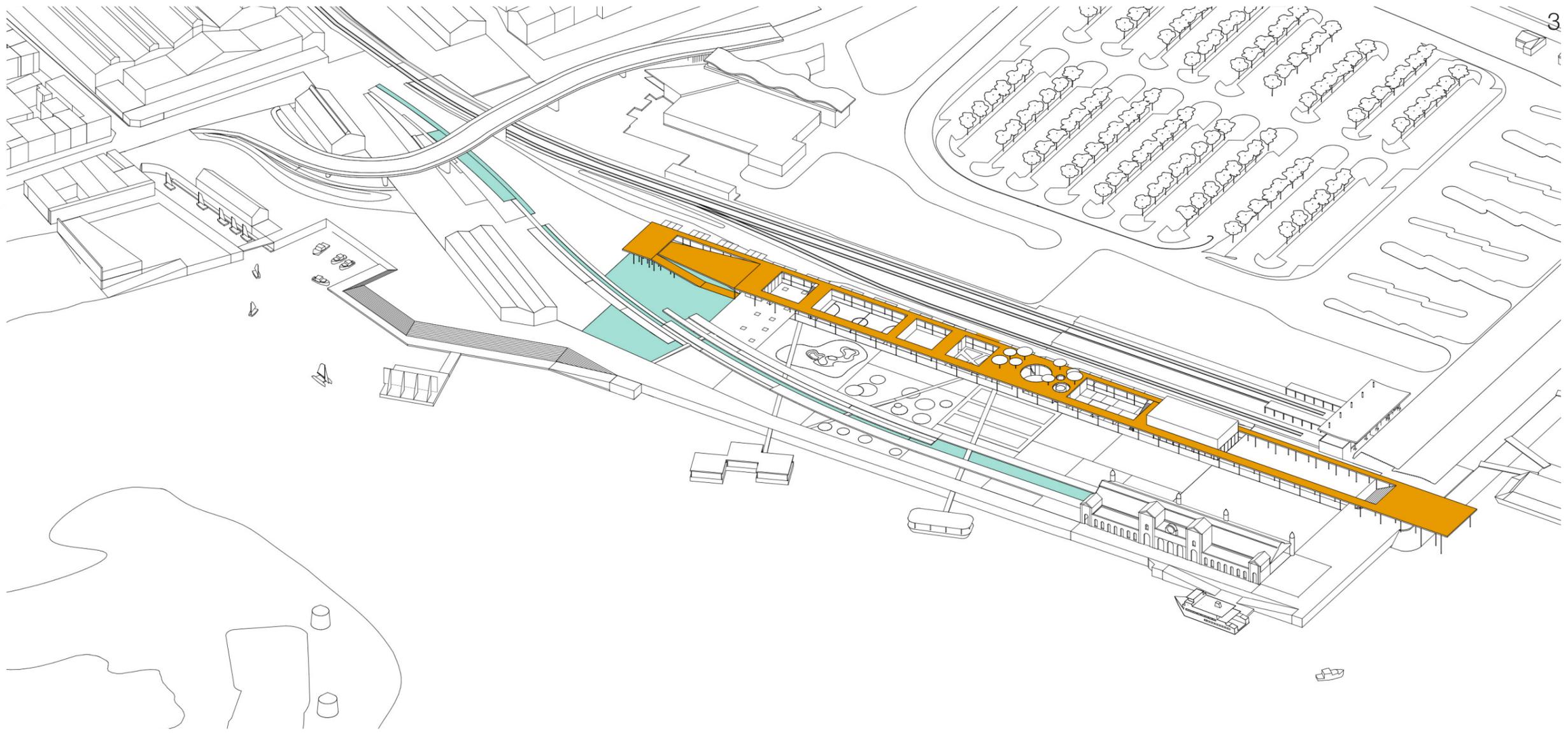


R0712

BETWEEN THE LINES



High paths offering views on the distant landscape



R0712

Example of new links between land and sea :
the sul & suleste terminal as a free standing
building, the belvedere hiding the fuel tanks
of the transport interchange.

BETWEEN THE LINES



Giving urban connexions a new meaning

Landscape



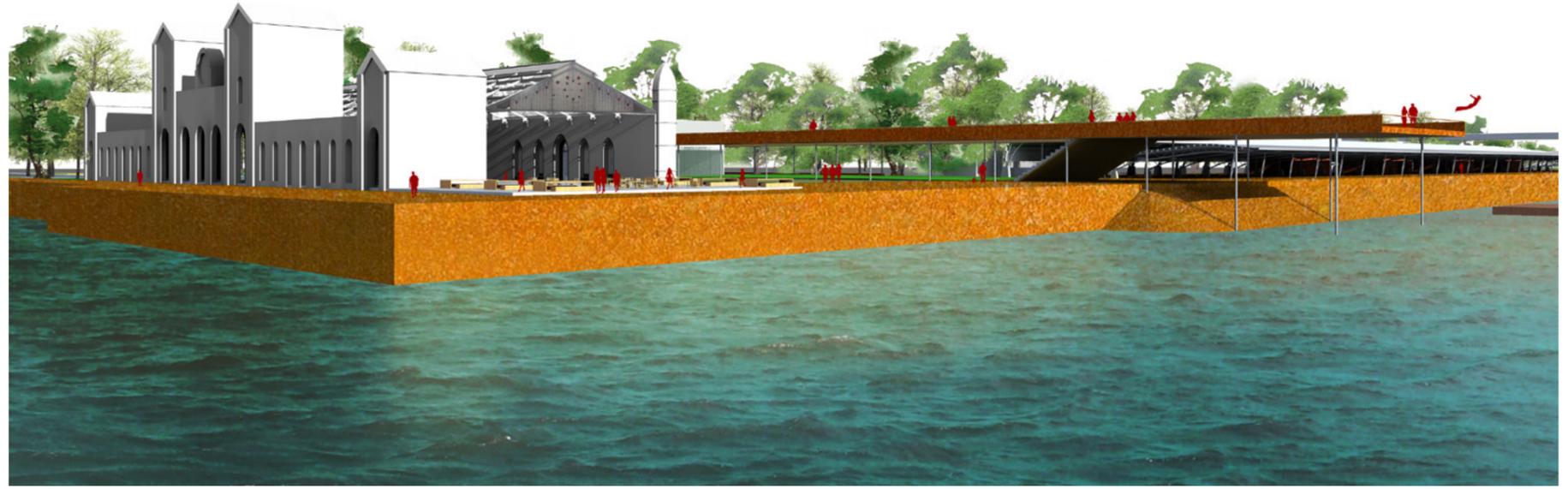
Paths



Memory



Example of new links with the city:
the overpass as a gate to the riverside park



R0712

BETWEEN THE LINES

THE PARK :
 a green lung by the river, different paths and their facilities.
 -The high path offers views on the distant landscape and shelters a shaded low path.
 -The waterfront promenade is extended to the whole city.



Waterfront path / Park promenades

THE PARK : different uses



Fast "soft mobility" paths



Slow "soft mobility" paths



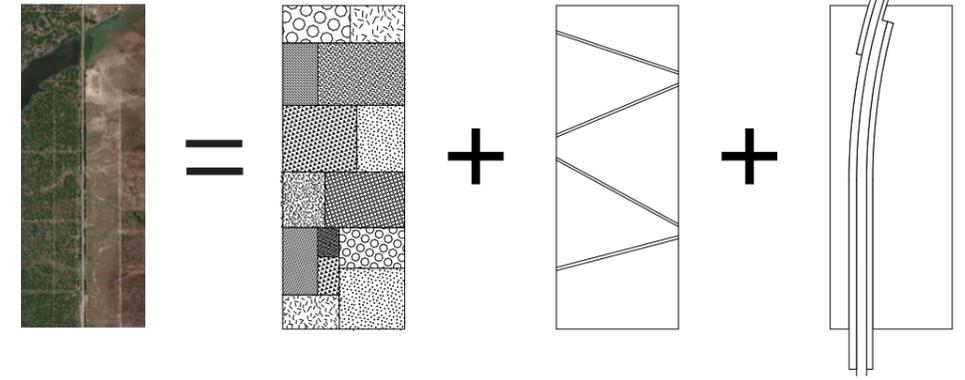
Dedicated spaces : Playing/ Relaxing/ Gathering



Dedicated spaces: Learning/ Discovering



Dedicating spaces : Contemplating / Méditant / Sport



THE PARK : Vegetal shadows

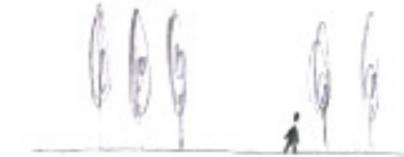


Cooling shadows to relax

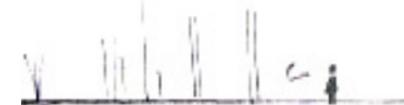


Graphic shadows to walk on

THE PARK : Views through the vegetation



Rythm and sequenced views.



Filtered views.



Open views on the distant landscape.



Framed views.

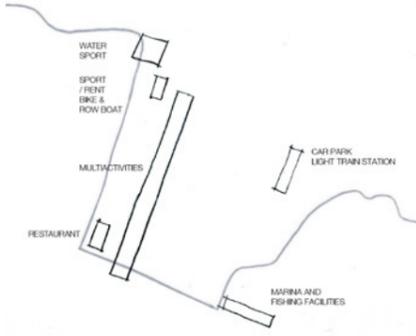


Intimate views in isolated spaces.



R0712

BETWEEN THE LINES

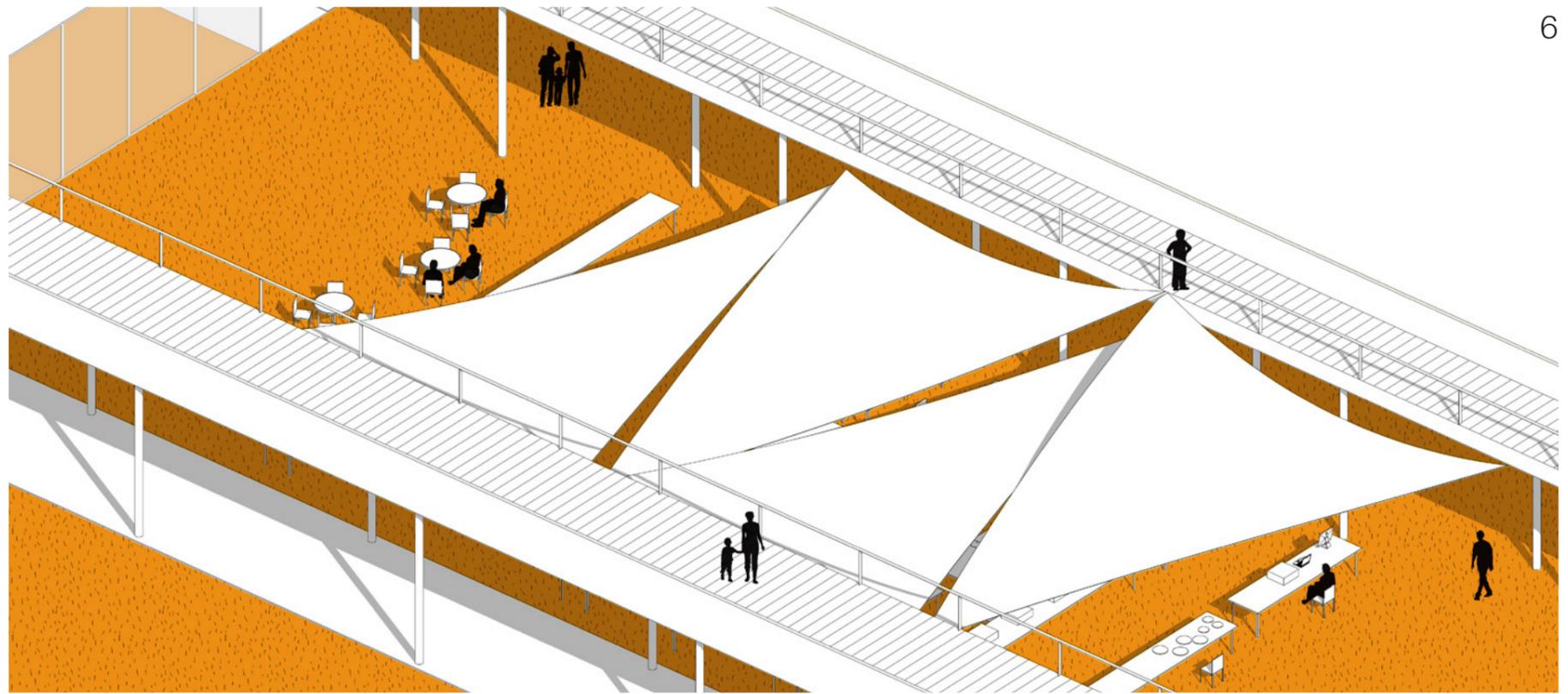


Program

The « adaptable structure » is located along the railway track, which is today an impassable barrier:

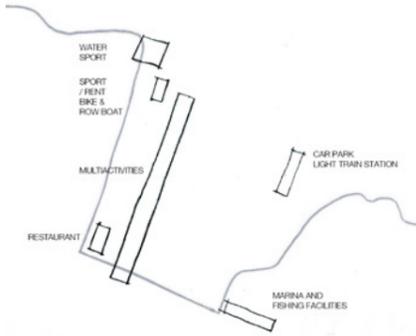
In step 1, it creates a filter with the still in use tracks while staging the distant landscape from the high path. The resulting interspace is used as an access road and carpark, confining the vehicles to the back of the site in order to dedicate the waterfront to pedestrians and cycles.

In step 2, the structure facilitates the connection and the transversal crossing. It becomes the central element to the riverside park.



R0712

BETWEEN THE LINES



Program

The “adaptable structure “ in the park: evoking the industrial past while embodying the future. It is a place where creative initiatives can develop in a natural environment.

The “adaptable structure “ shelters various small experiments relevant to the needs of Barreiro : sport, urban agriculture, biodiversity, community organization. It includes a community centre that can host events, festivals and can also function as a coworking space.

The idea is to provide a simple constructive system with a great flexibility. It is completed by small architectural interventions that can evolve to adapt the needs of the city inside a path pattern.

Urban agriculture is already present in Barreiro through a local association and on the site through private gardens. We propose to strengthen this presence with an urban farm. It is a collective experiment serving educational purposes.

