

Bridging *Waters*

*Exploring Madrid's paradoxical relationship
with water.*

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*Exploring Madrid's **paradoxical** relationship
with water.*

Expanded City – Madrid
“Urban Commons”

Heterogenous City does not have a coherent image but layers, fragments and multiple timelines.

It also calls for reflection on the various roles that architecture can possibly fulfil in relation to challenges stemming out of other realms of investigation.



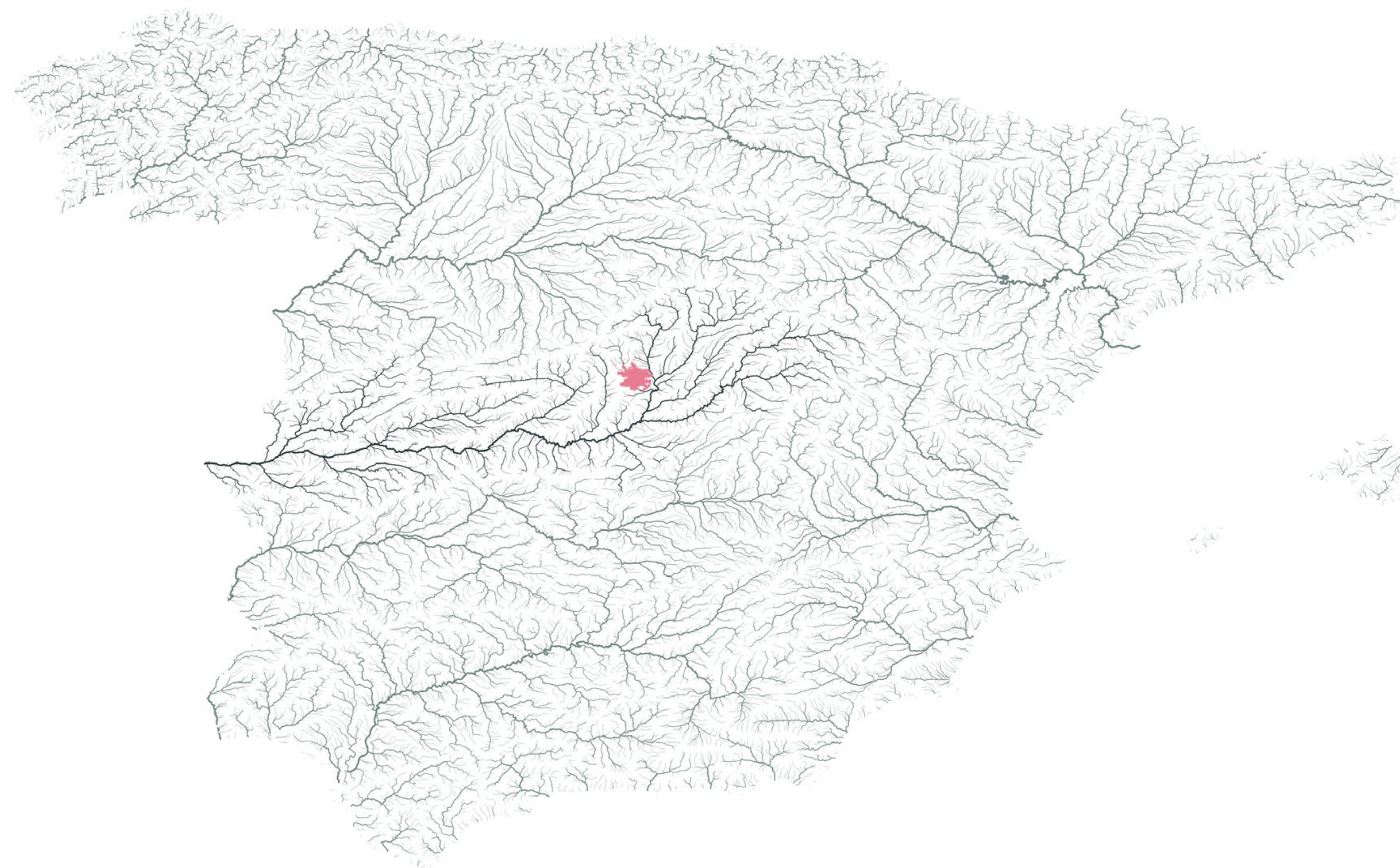


Public Space

interdependancy

Productive Space

production of space



Madrid

[illegible]

Maÿrît = waterways

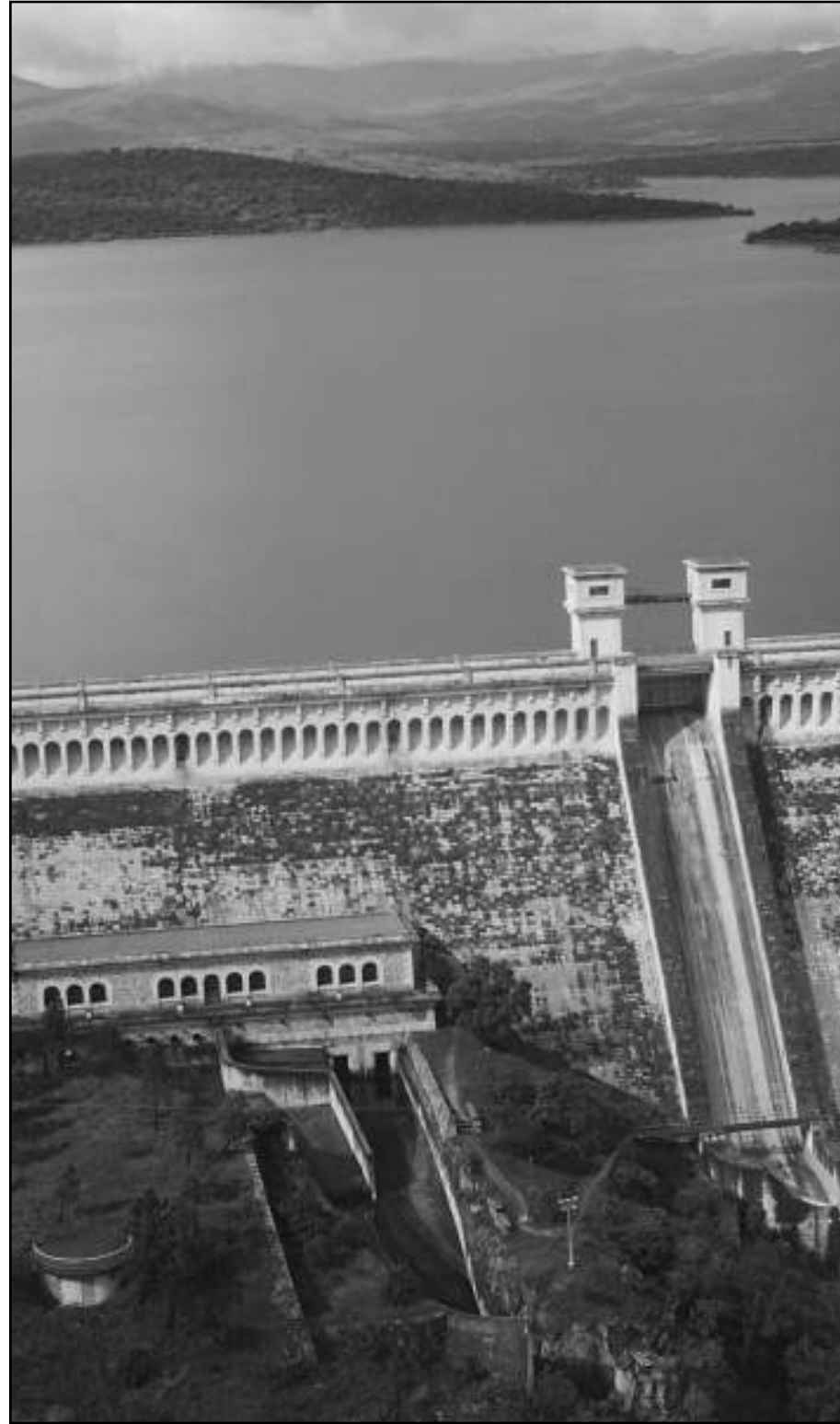
Madrid



Madrid Waterscape



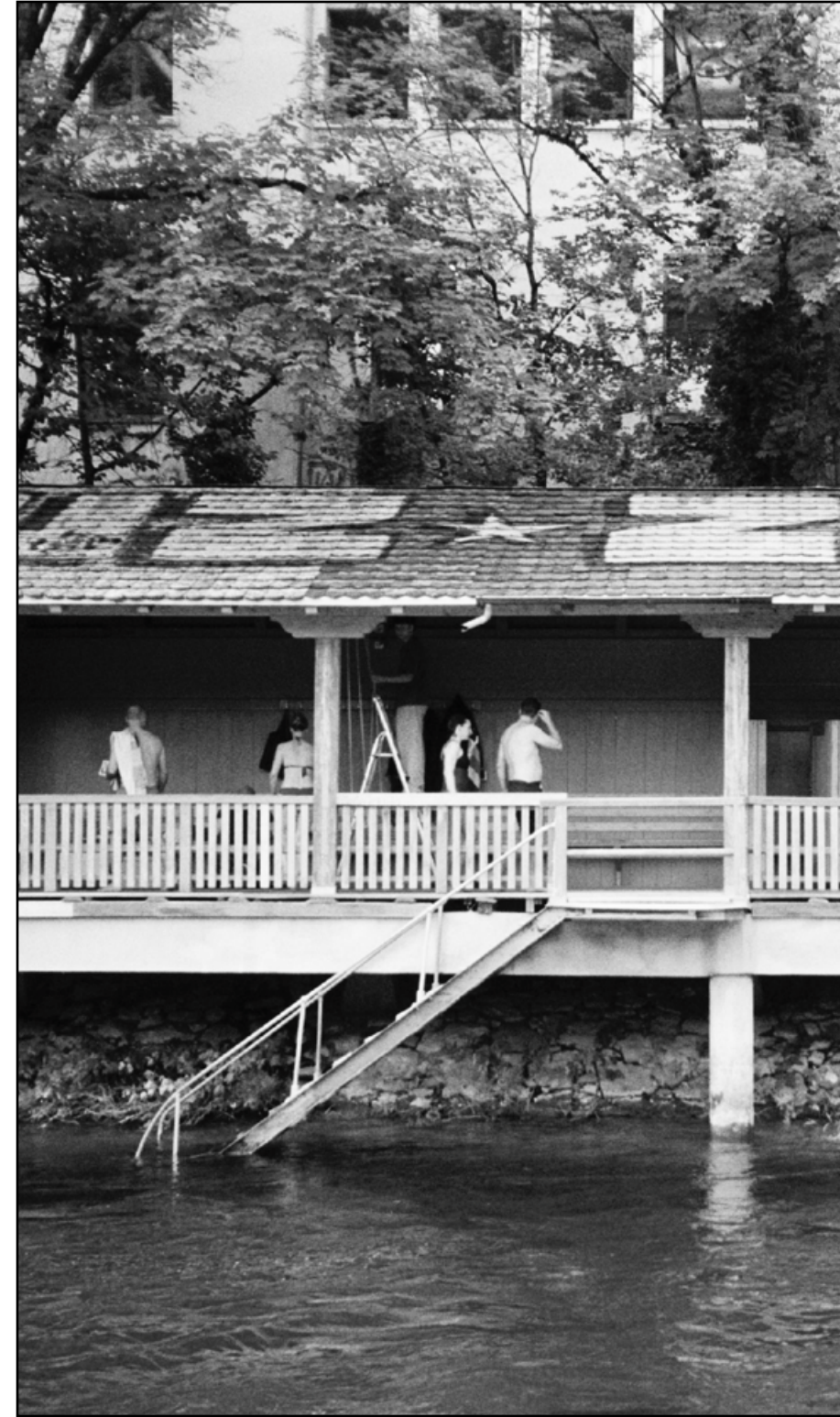
Maÿrit = waterways



Functional



Natural



Recreational

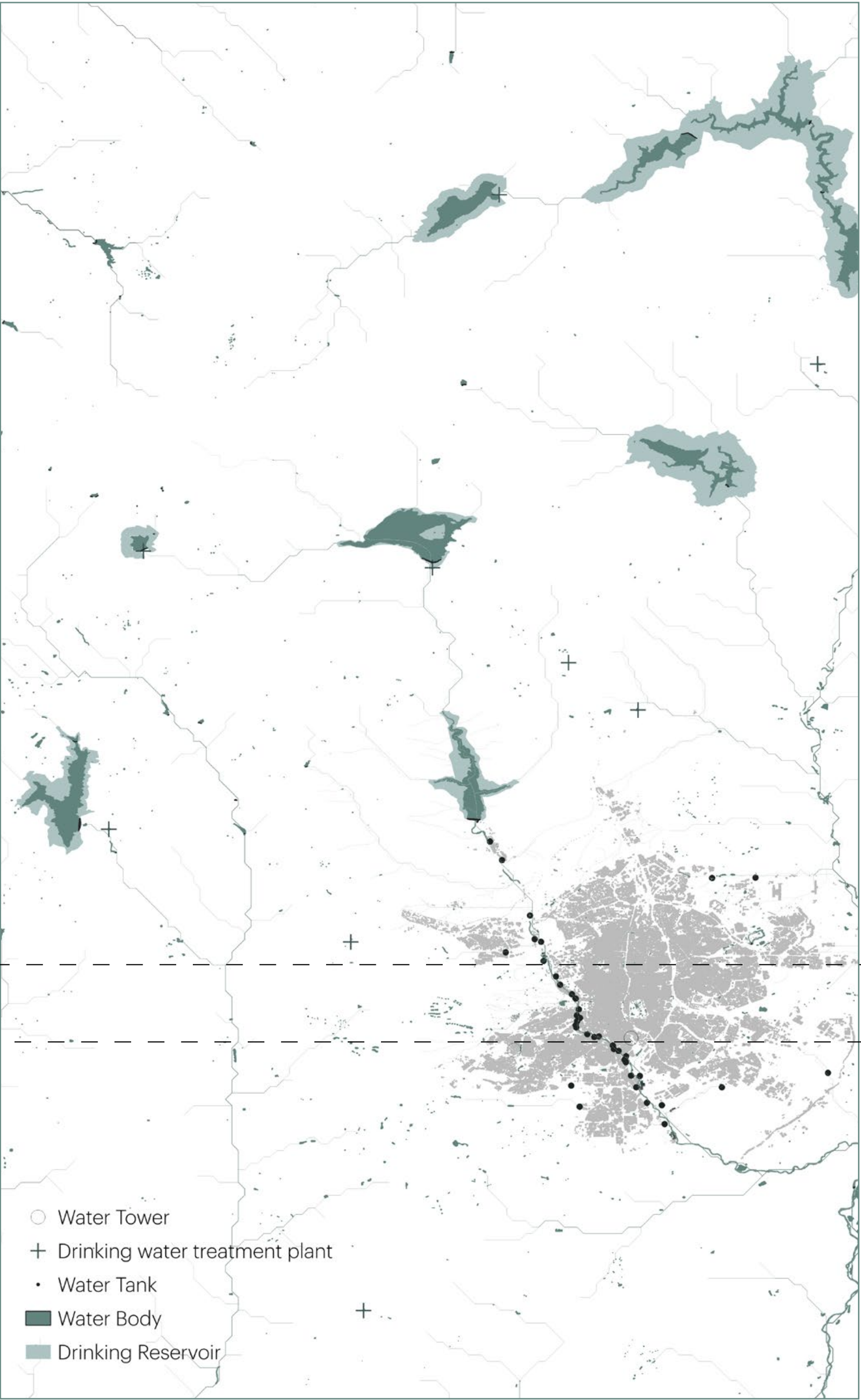
Theoretical Framework

Matthew Gandy,
*‘Rethinking urban metabolism:
water, space and the modern city.’*

Themes

water & production of space

Water Territories



heritage, nature, infrastructure

collection

treatment

distribution

sanitation

upstream

downstream

water flow

water regeneration development

Theoretical Framework

Matthew Gandy,
*‘Rethinking urban metabolism:
water, space and the modern city.’*

Stephen Graham, *‘When Infrastructure Fails’.*

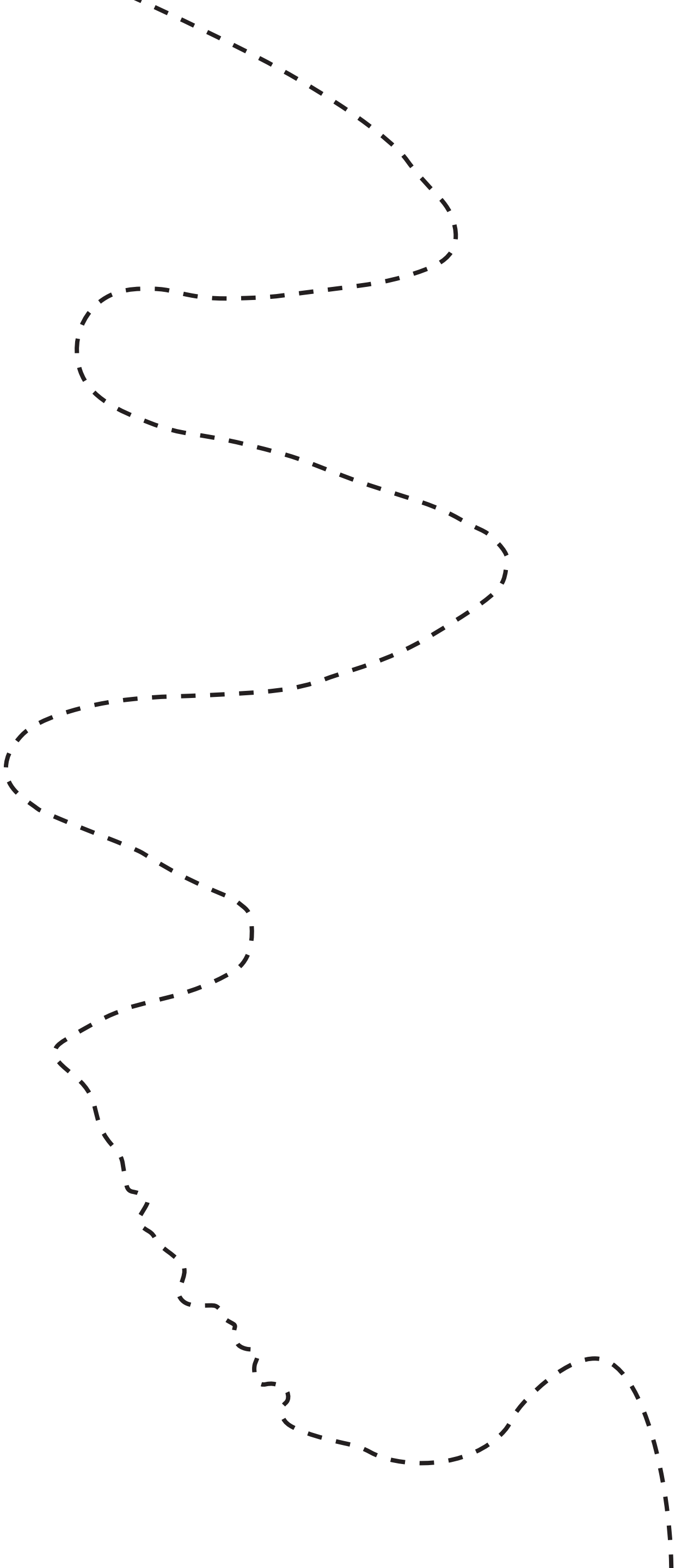
Themes

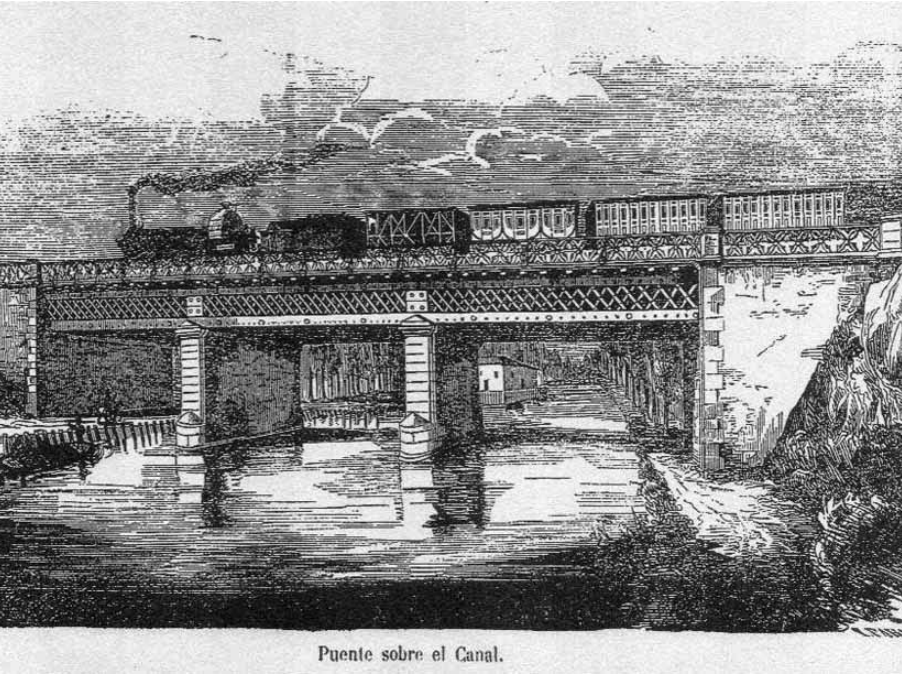
water & production of space

moments of crises
& alternative solutions

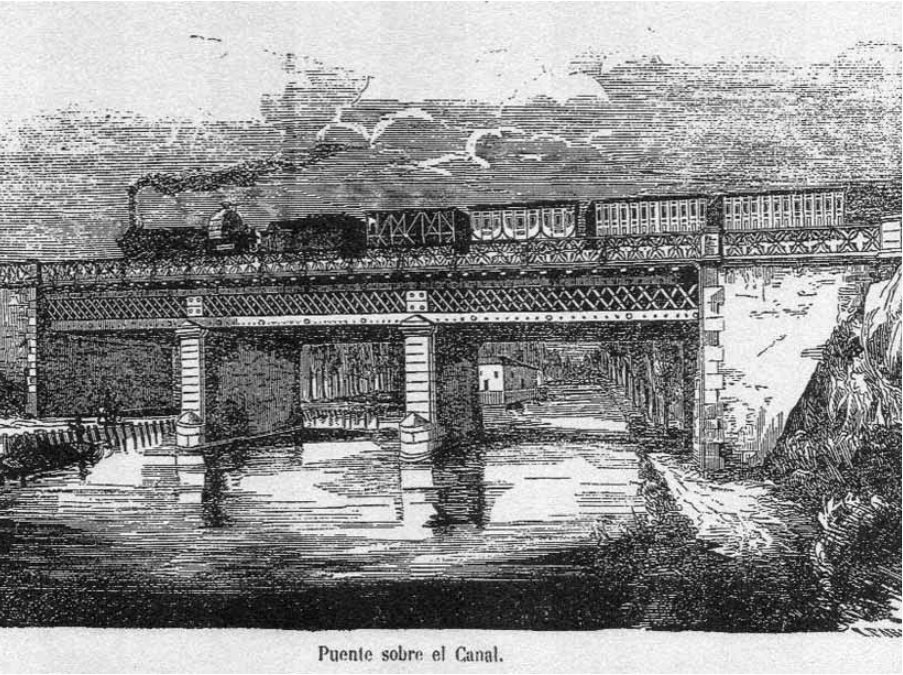


A river runs through it



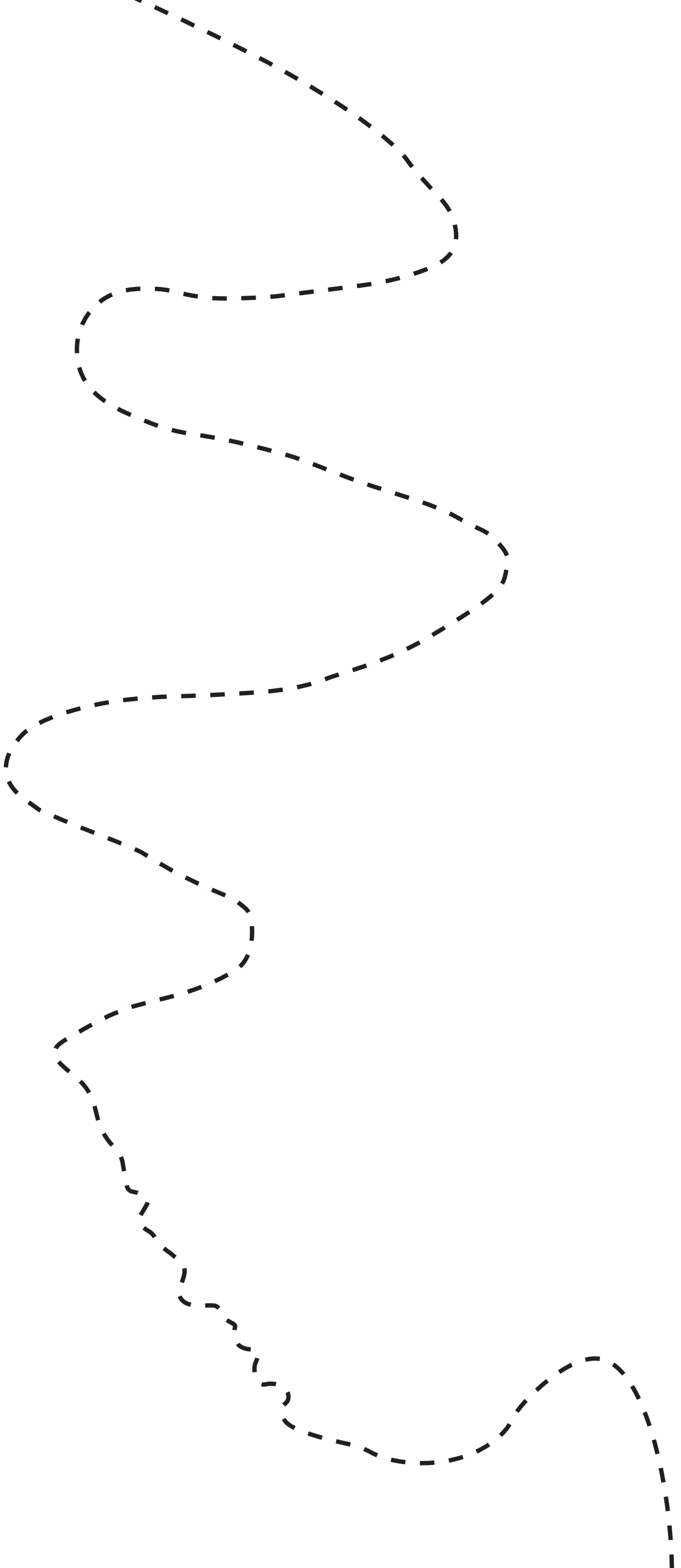


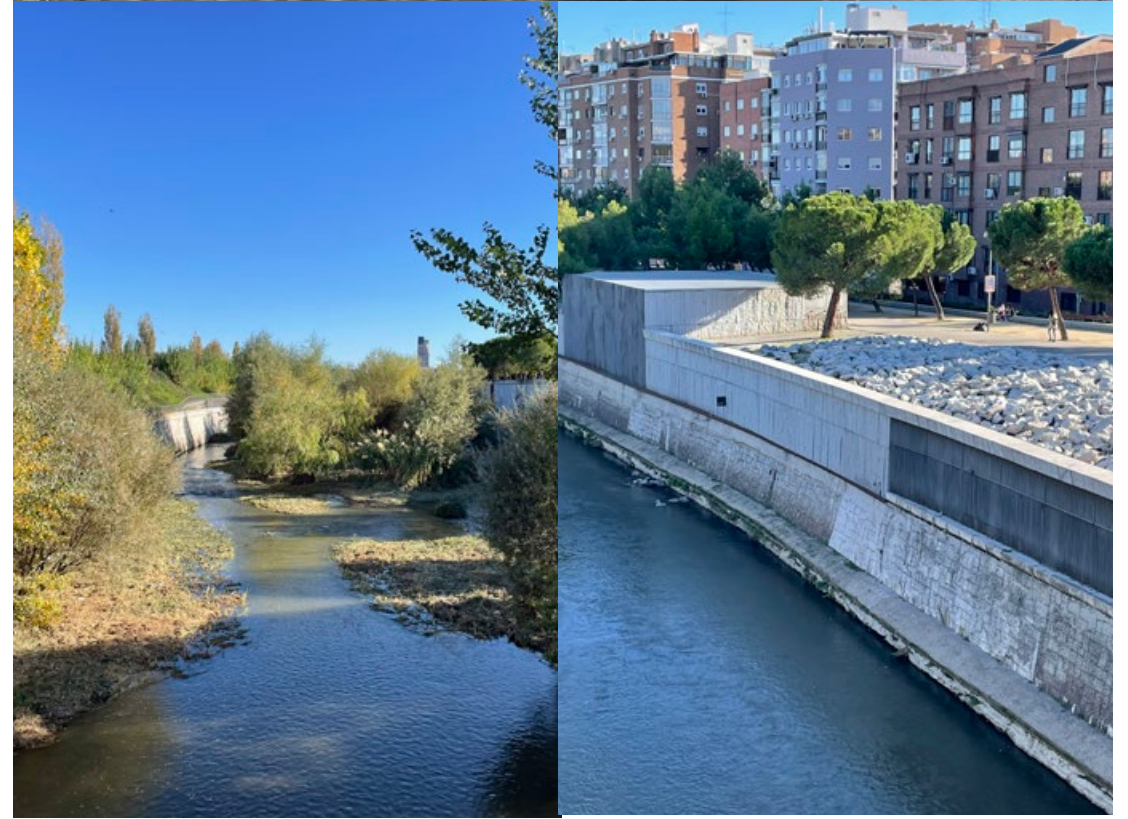
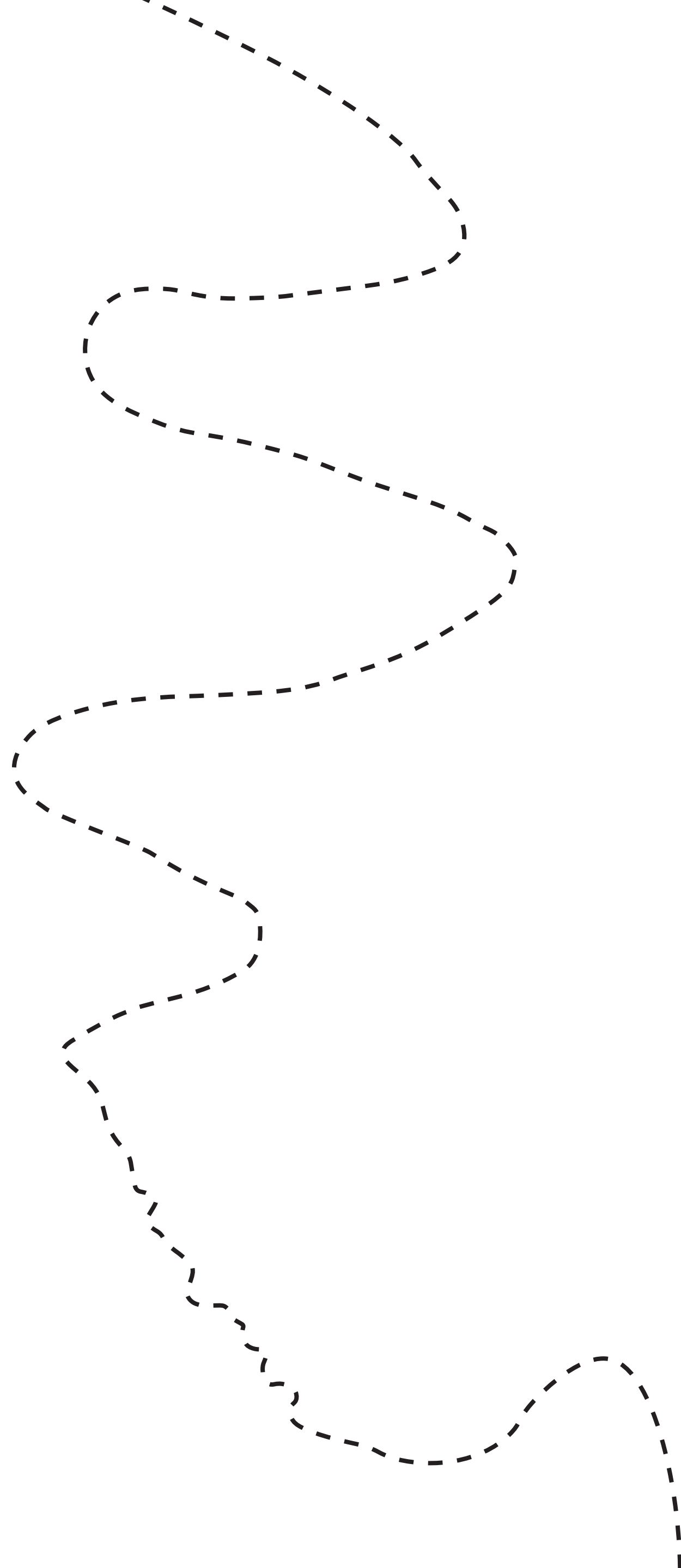
Puente sobre el Canal.





Culture vs Nature

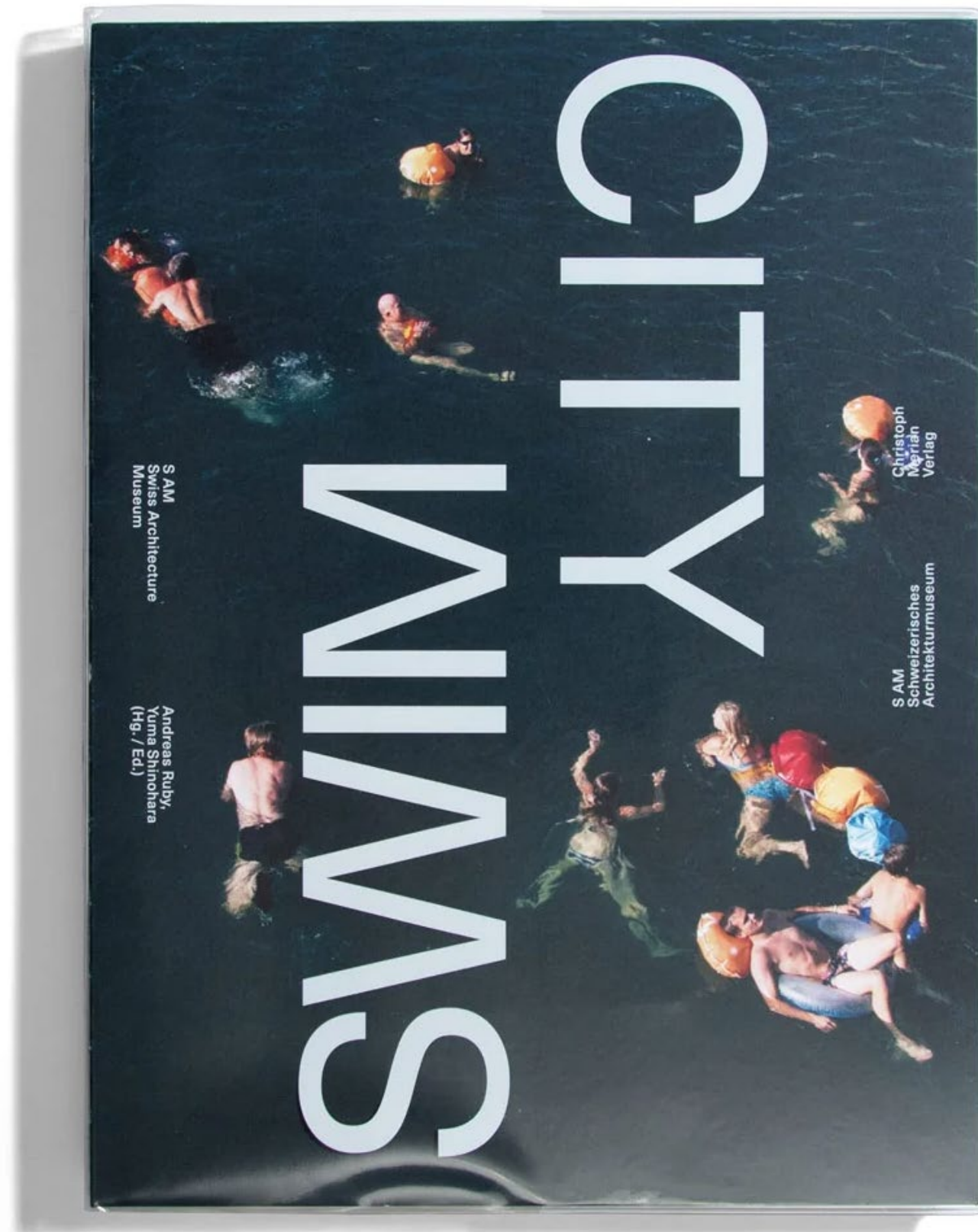




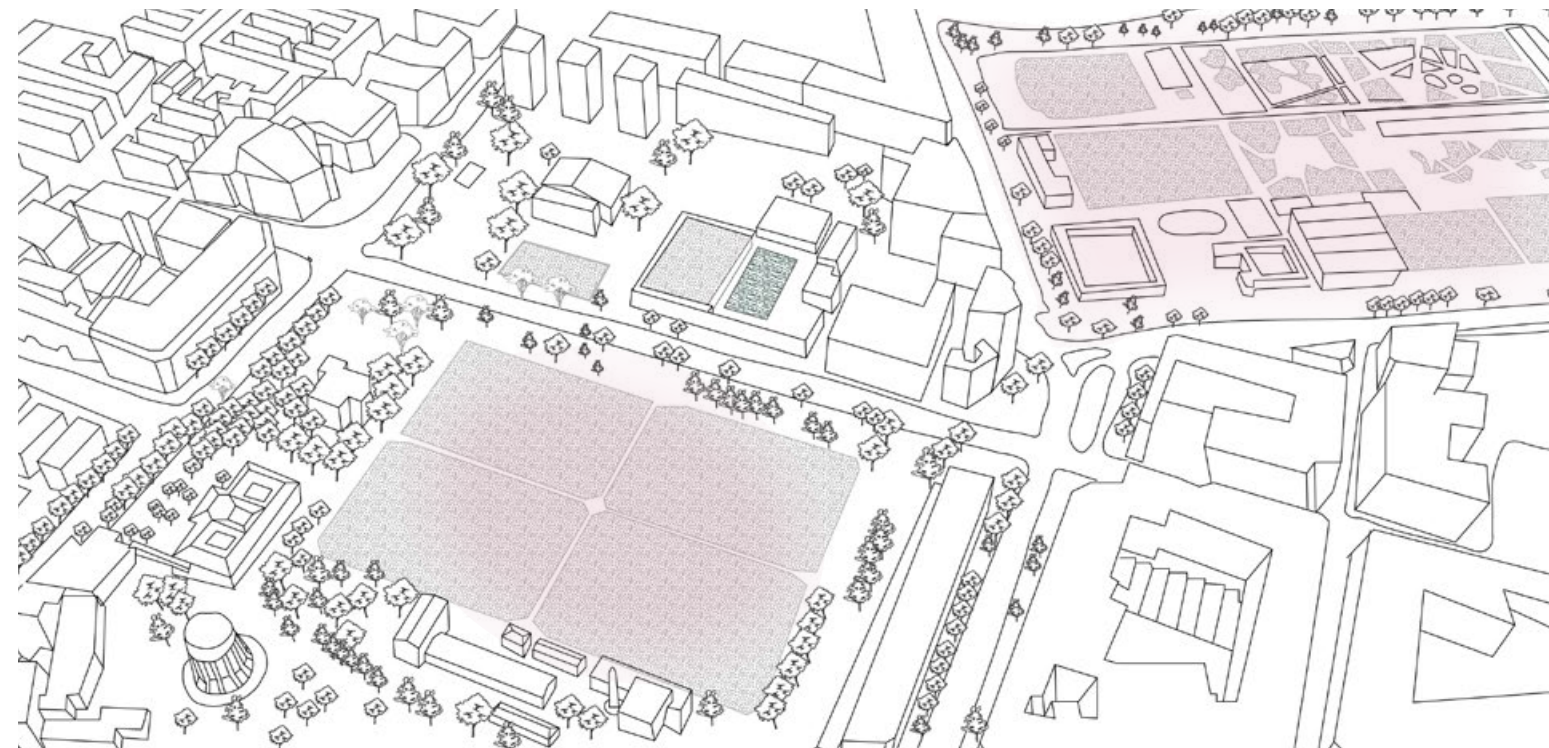
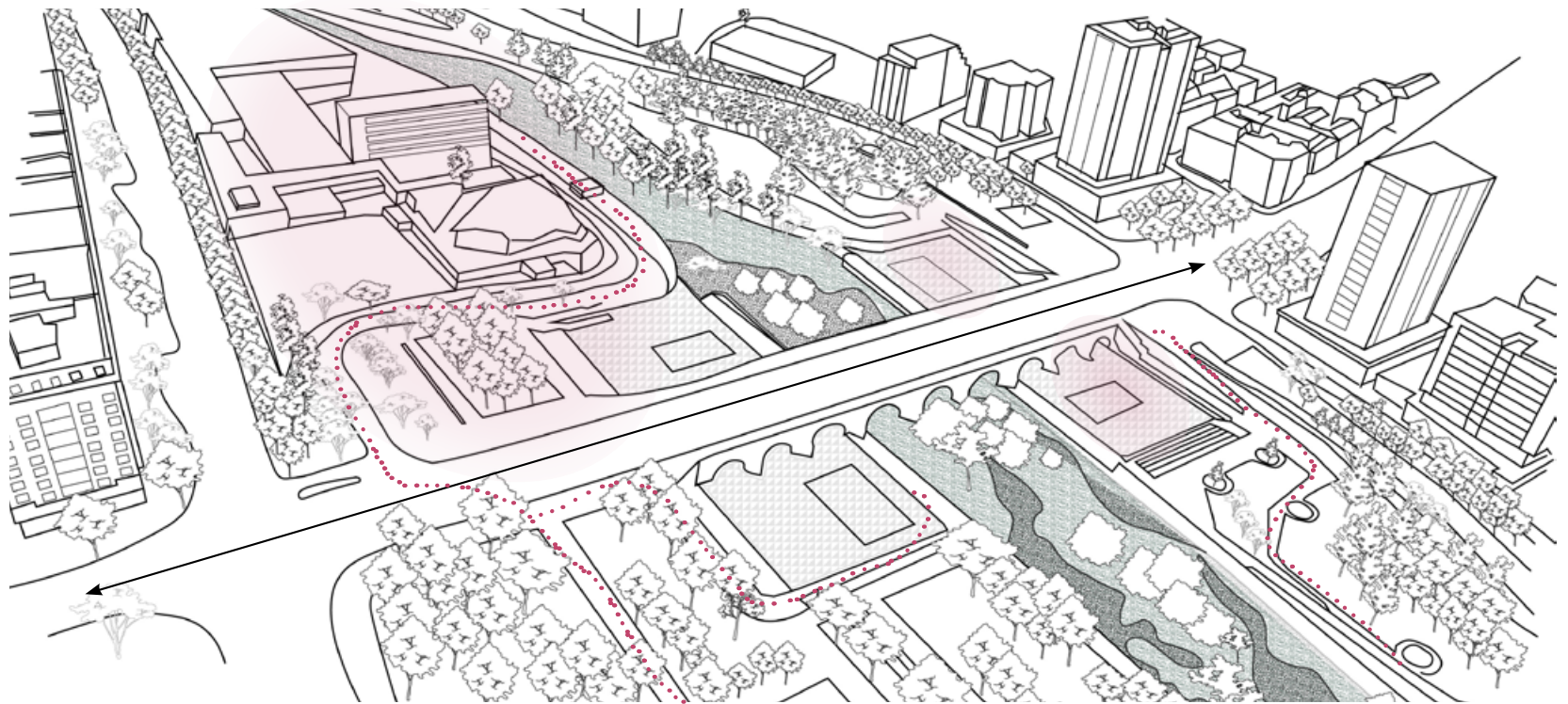
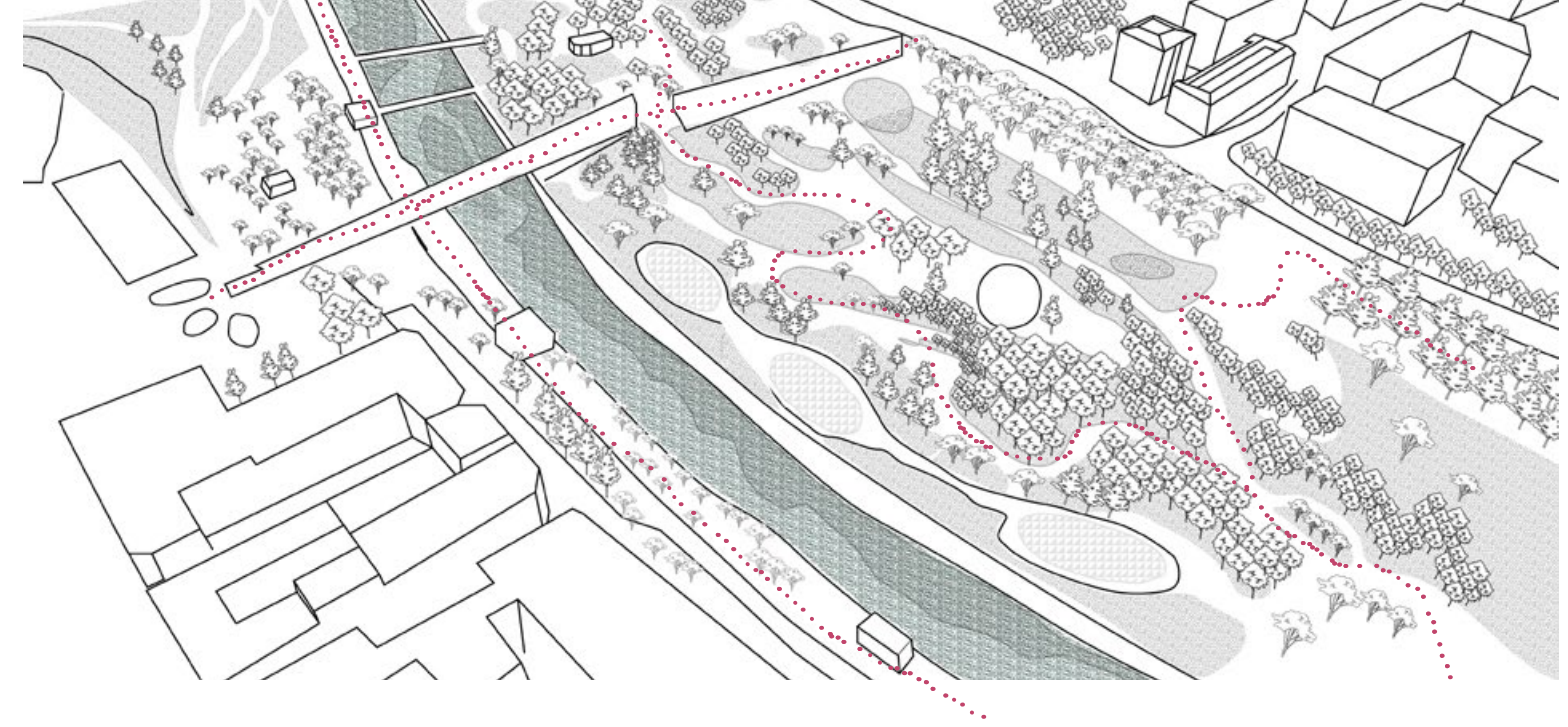
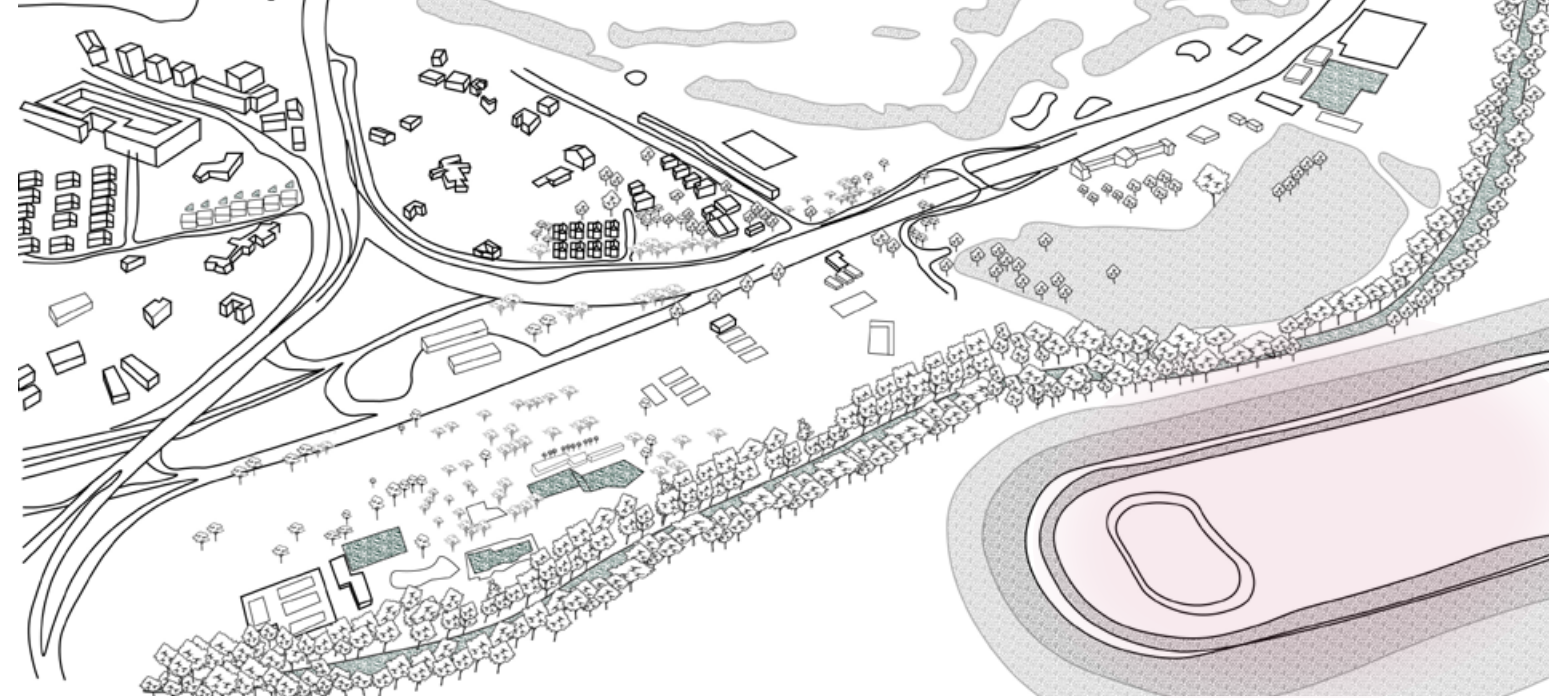
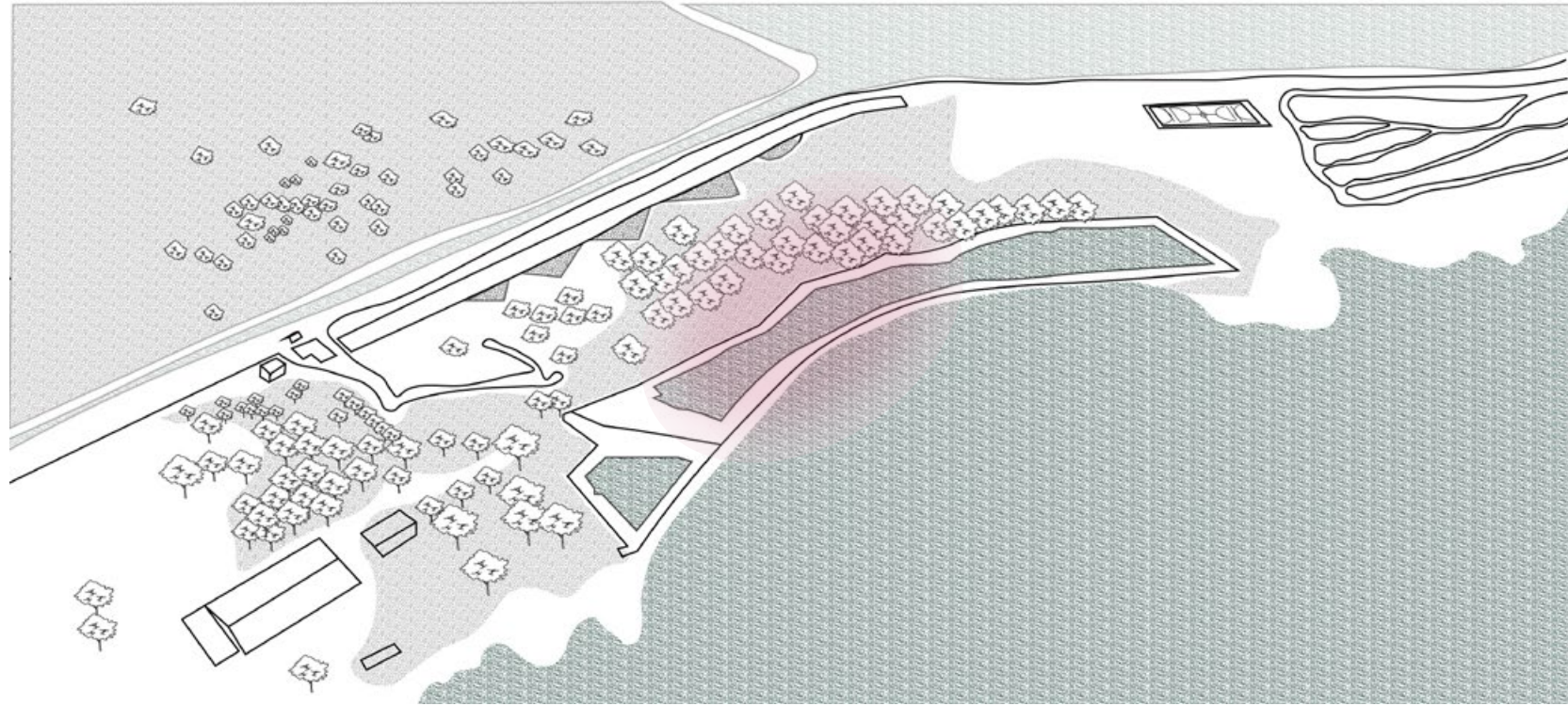
Culture vs Nature

Artemis Rovoli

the Hard and the Soft.

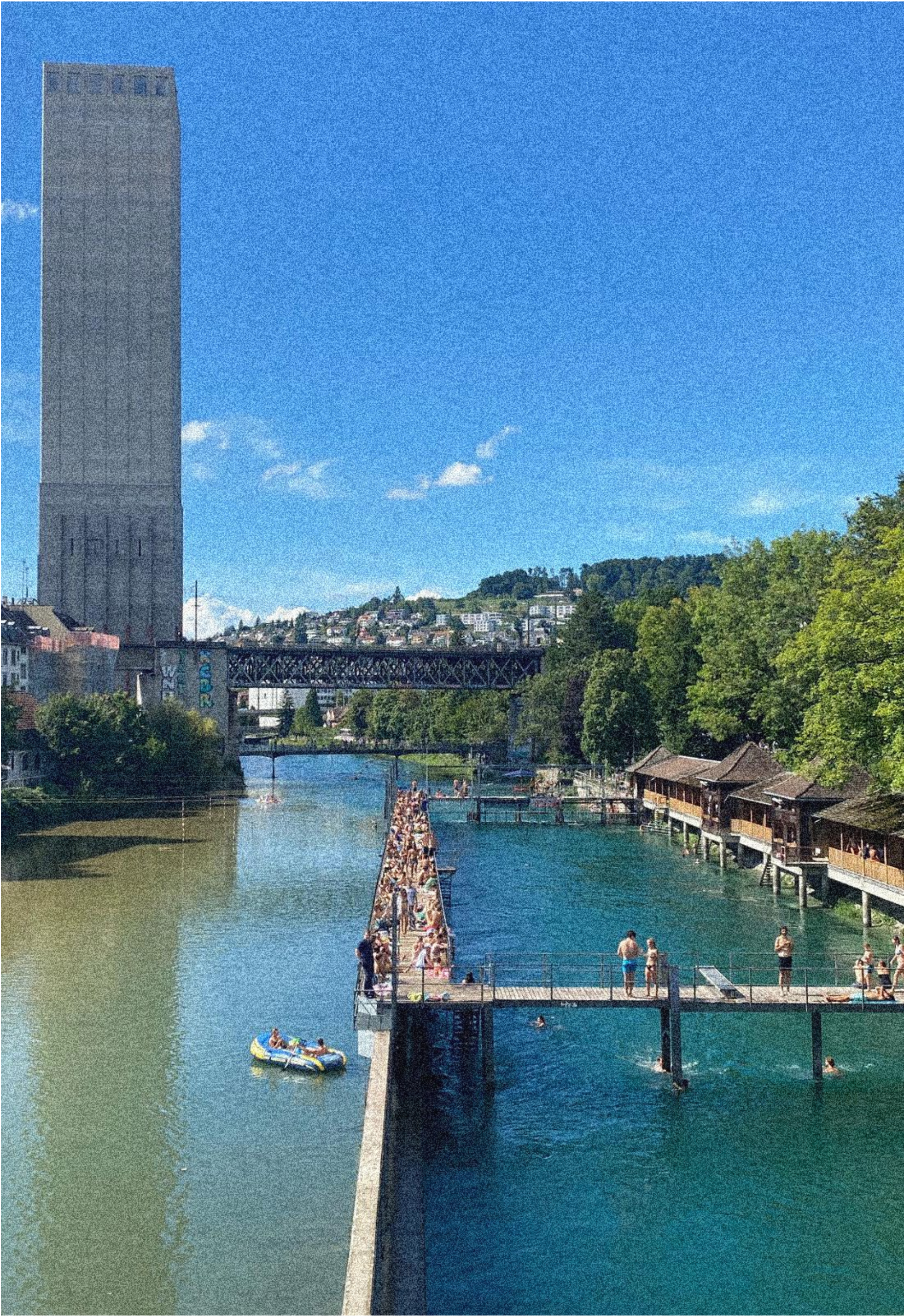


Swim City | Andreas Ruby, Yuma Shinohara



Water proximity
Accessibility
Interaction

Water proximity
Accessibility
Interaction



Unterer Letten, Zurich



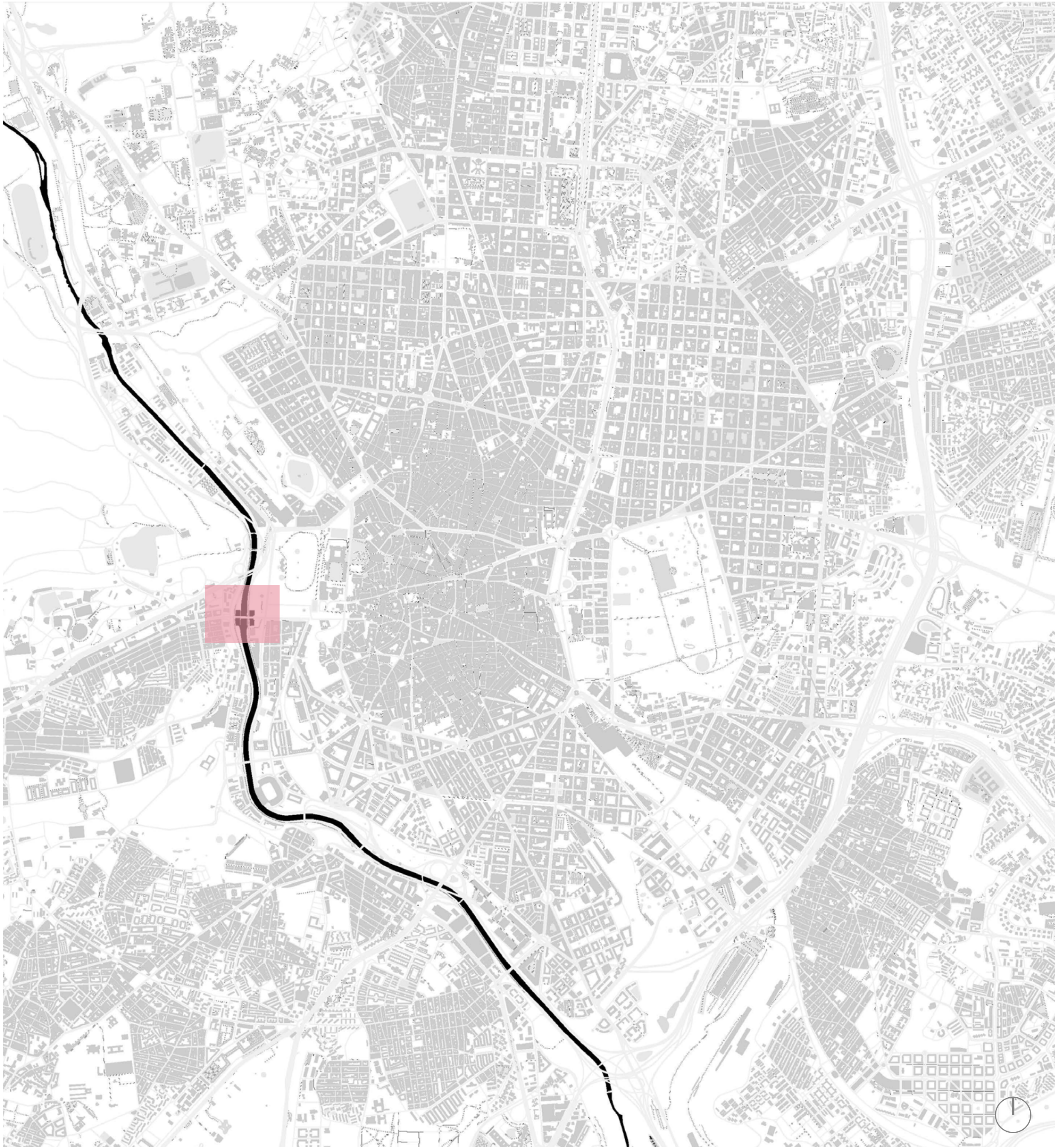
Functional

Natural

Recreational



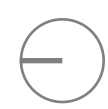
Site Identification



Site Identification

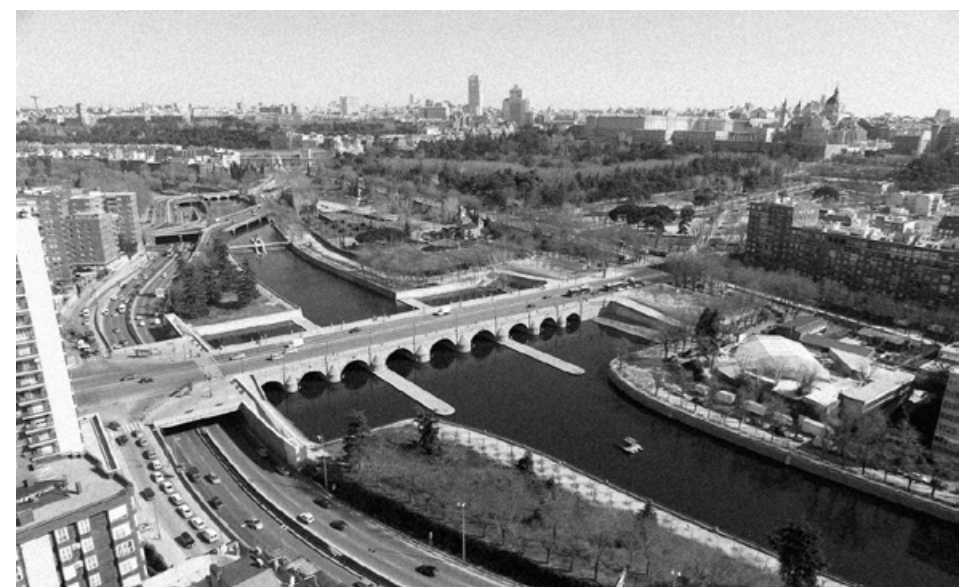


Puente de Segovia

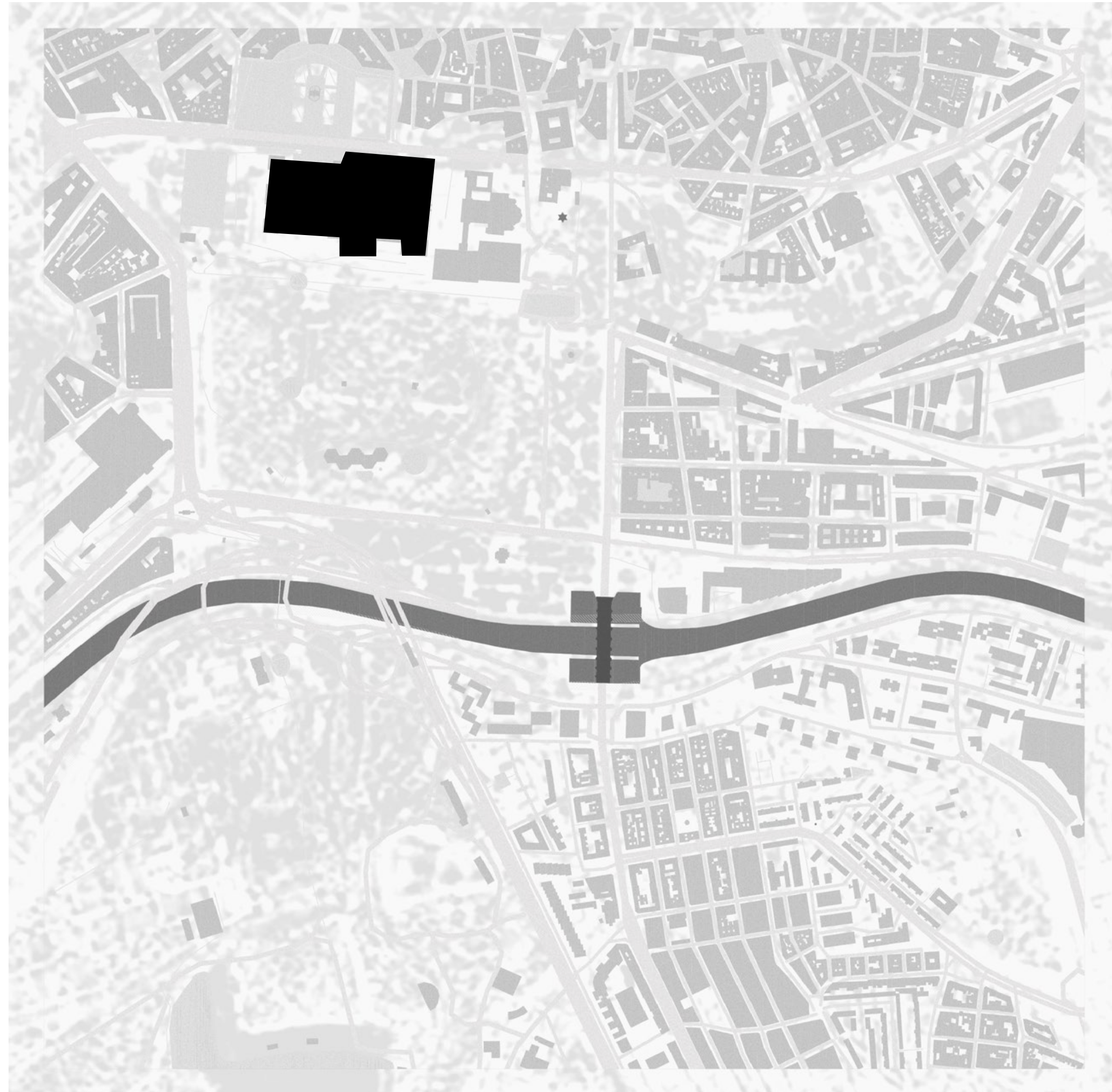








The Bridge



The Royal Palace



Hydraulic Works Research Center



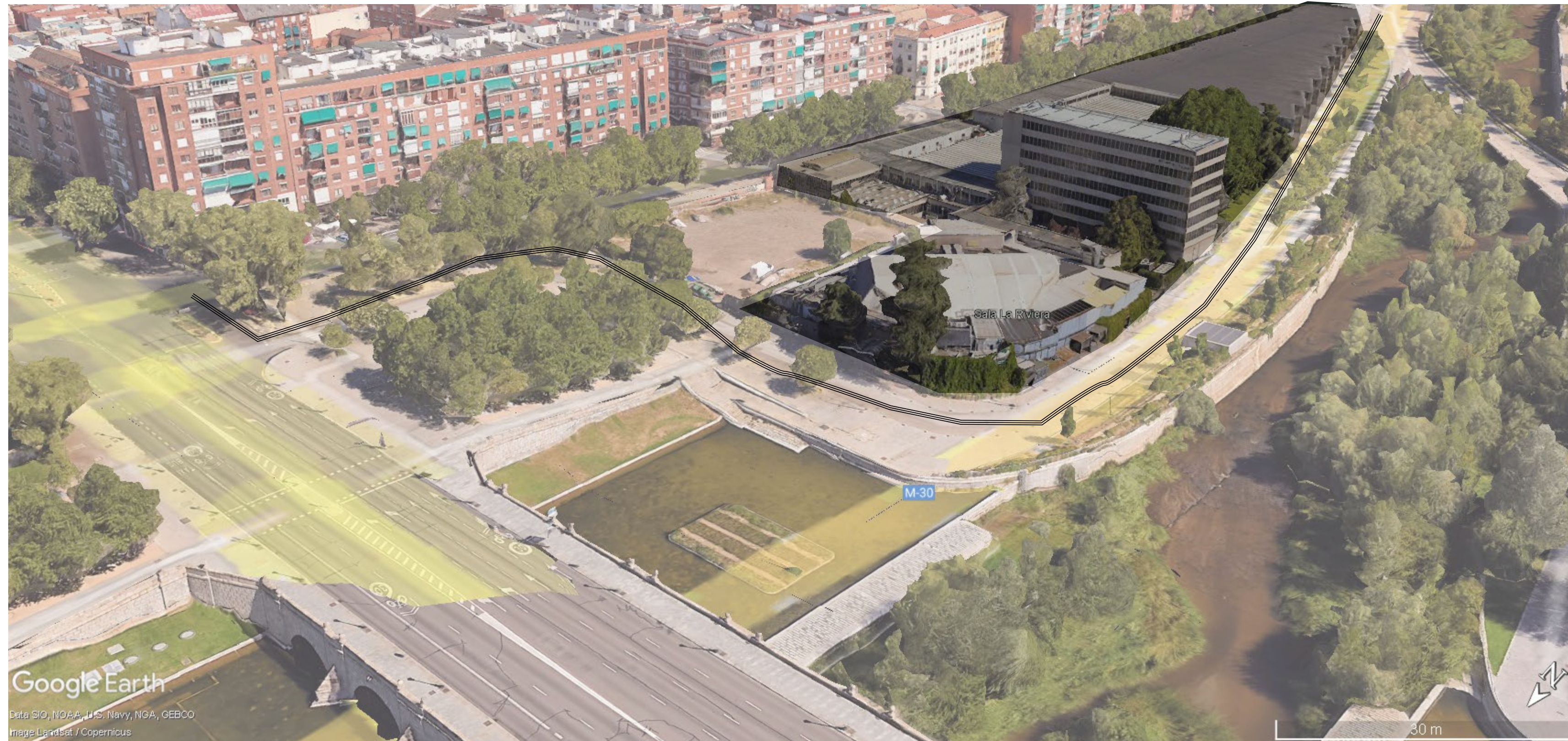
Fragmentation



Fragmentation



Fragmentation



Fragmentation

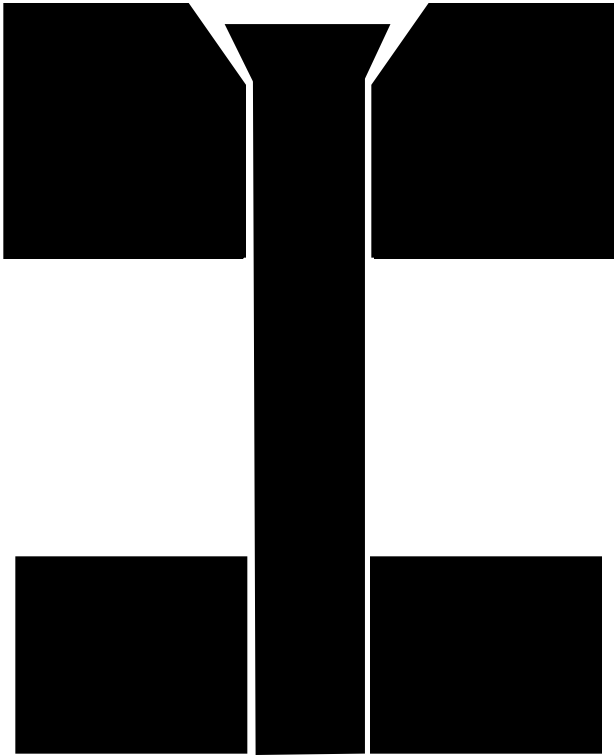


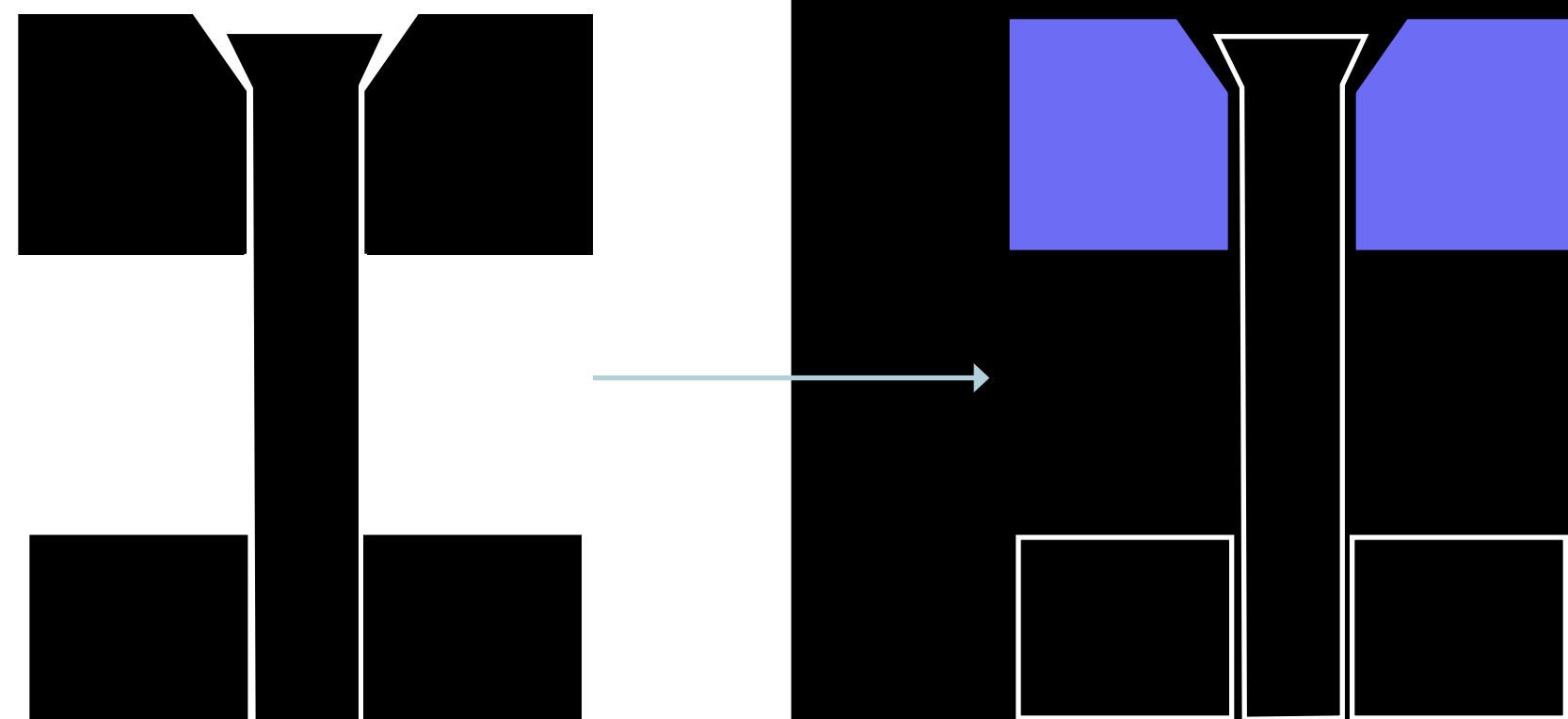
Potential

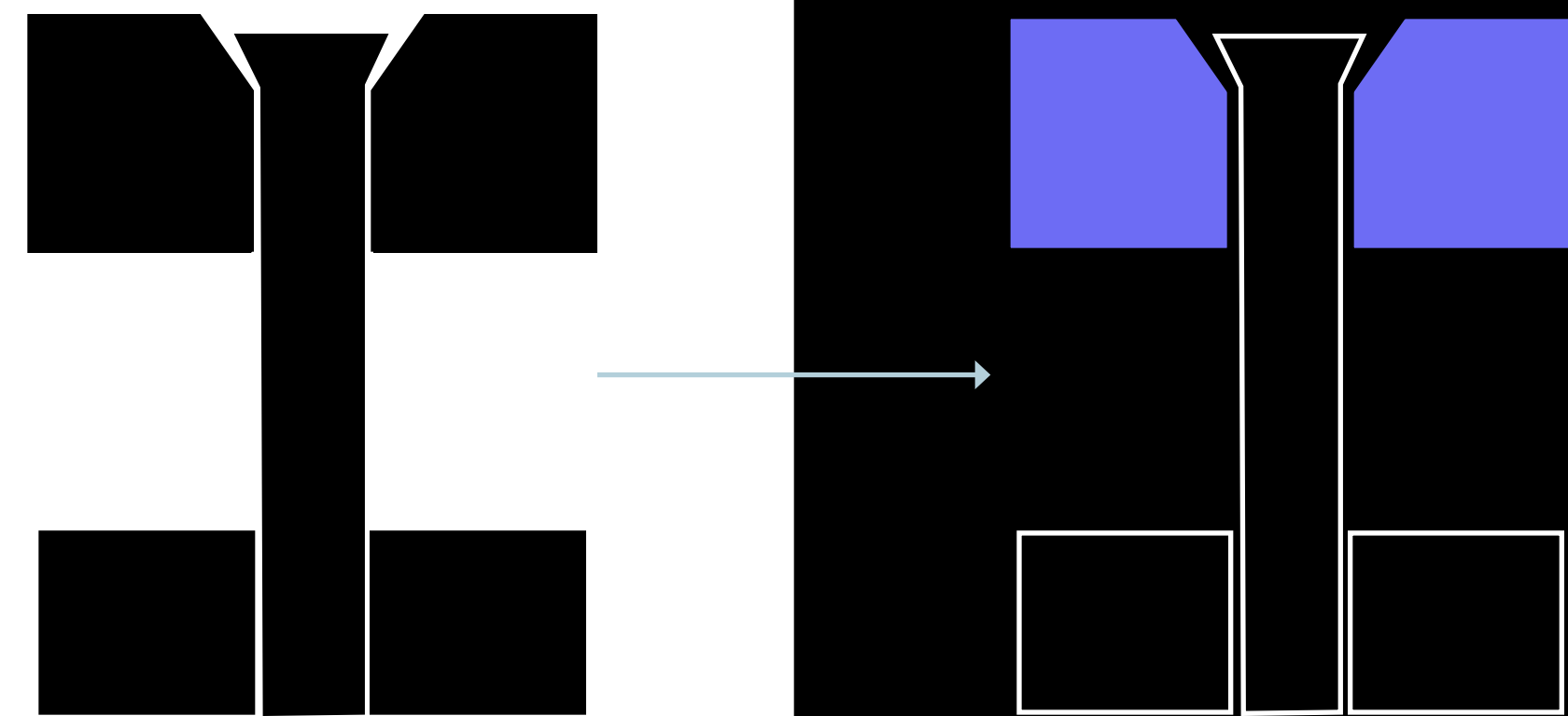


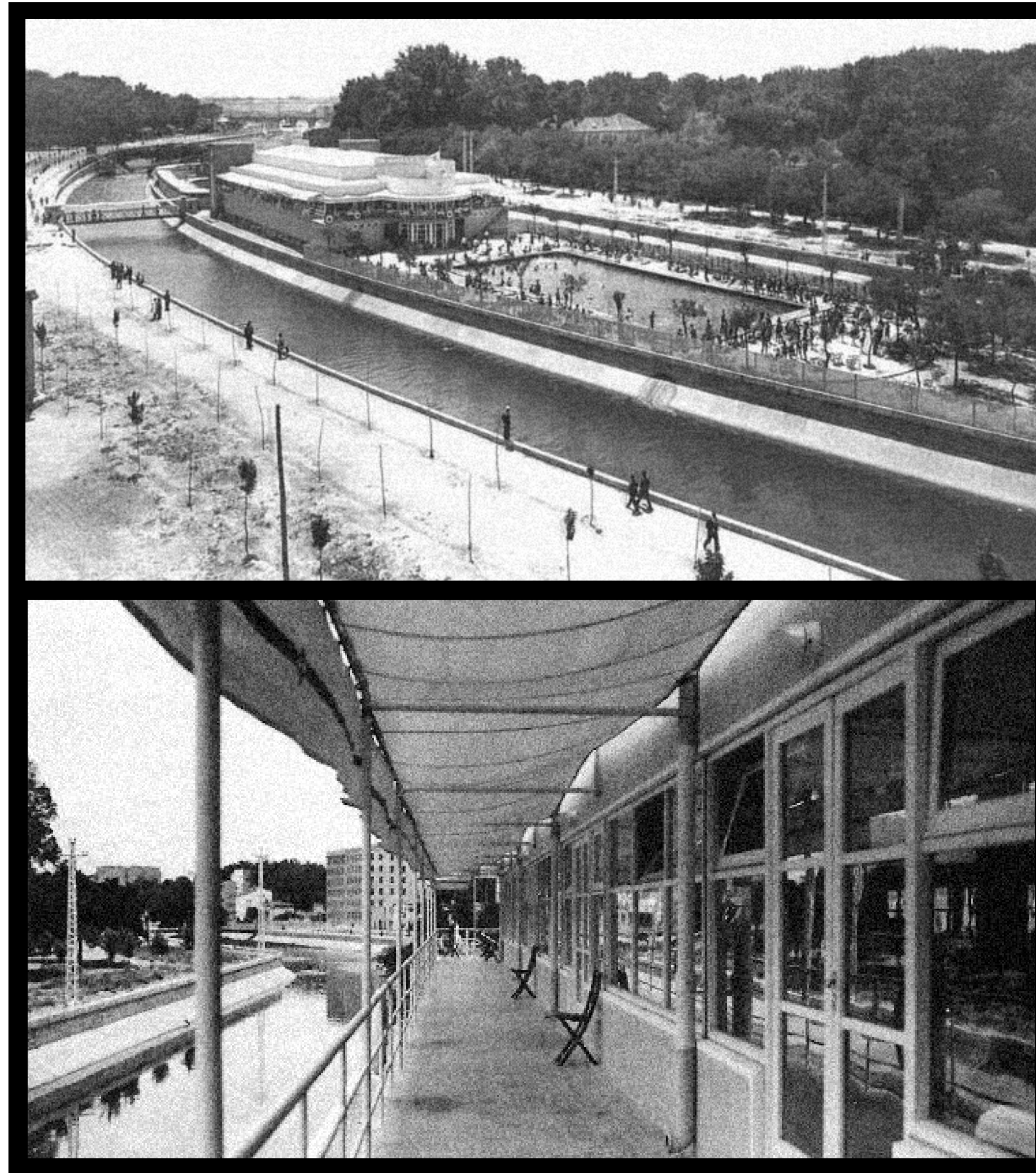


What if?

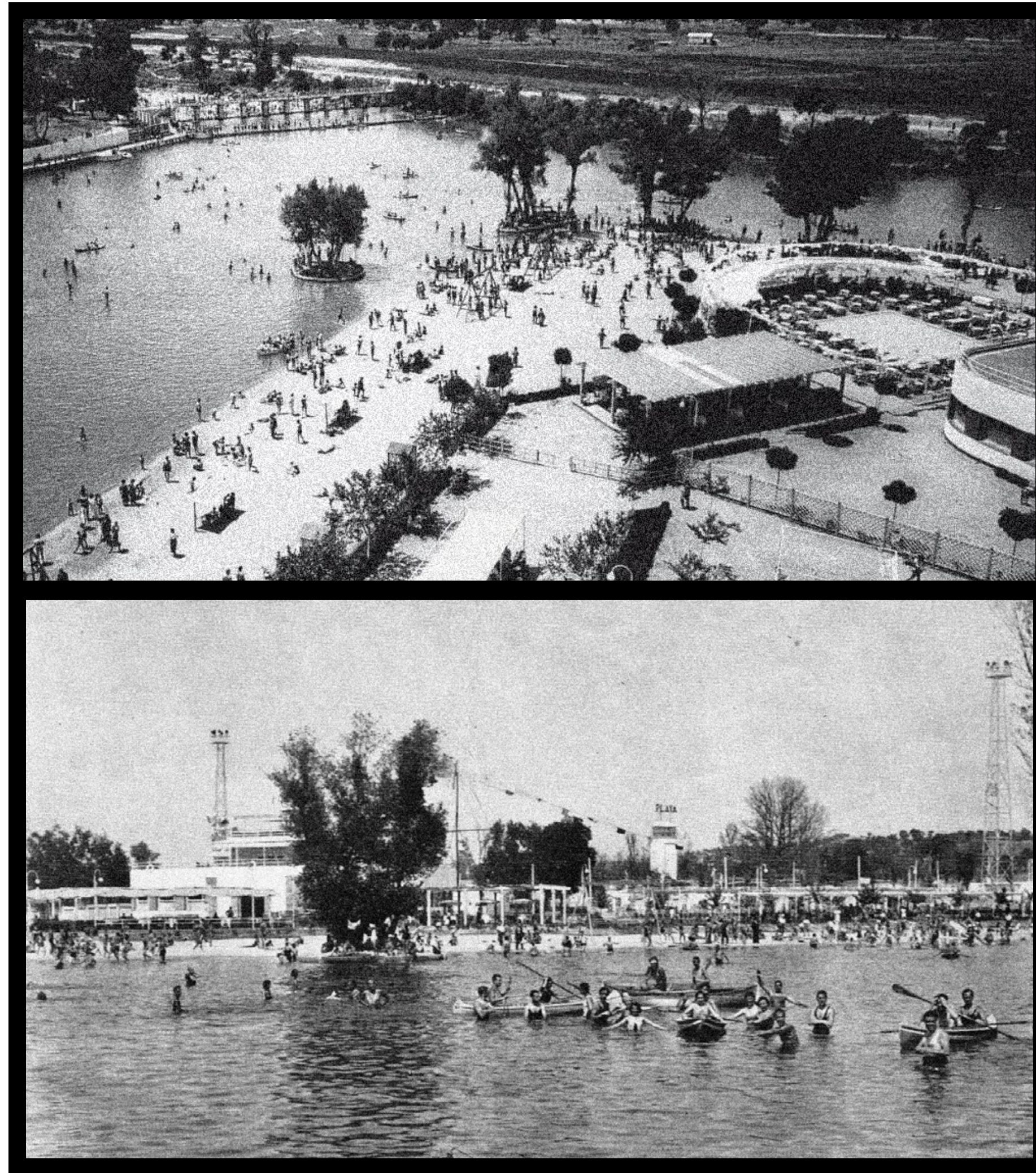




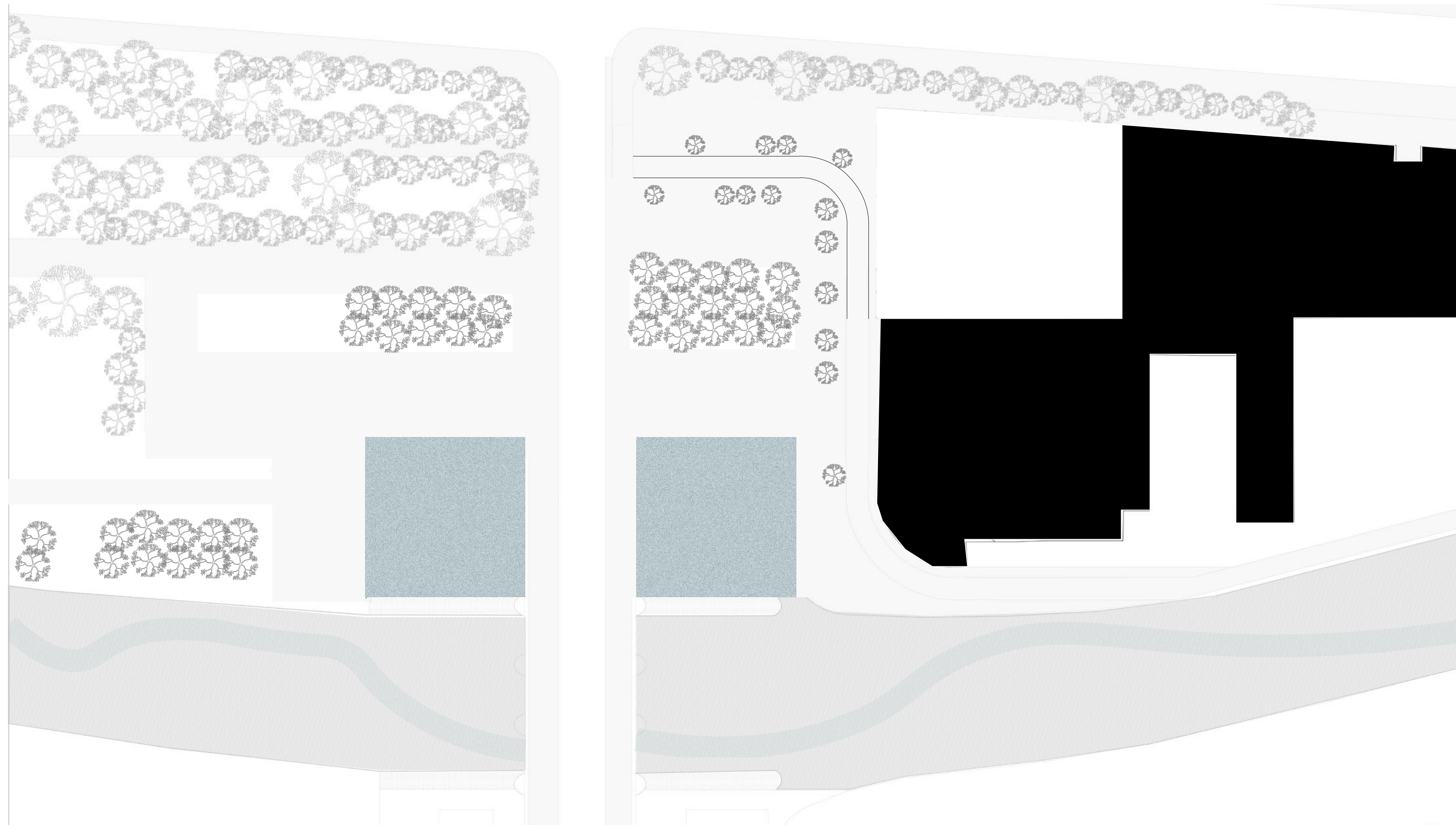




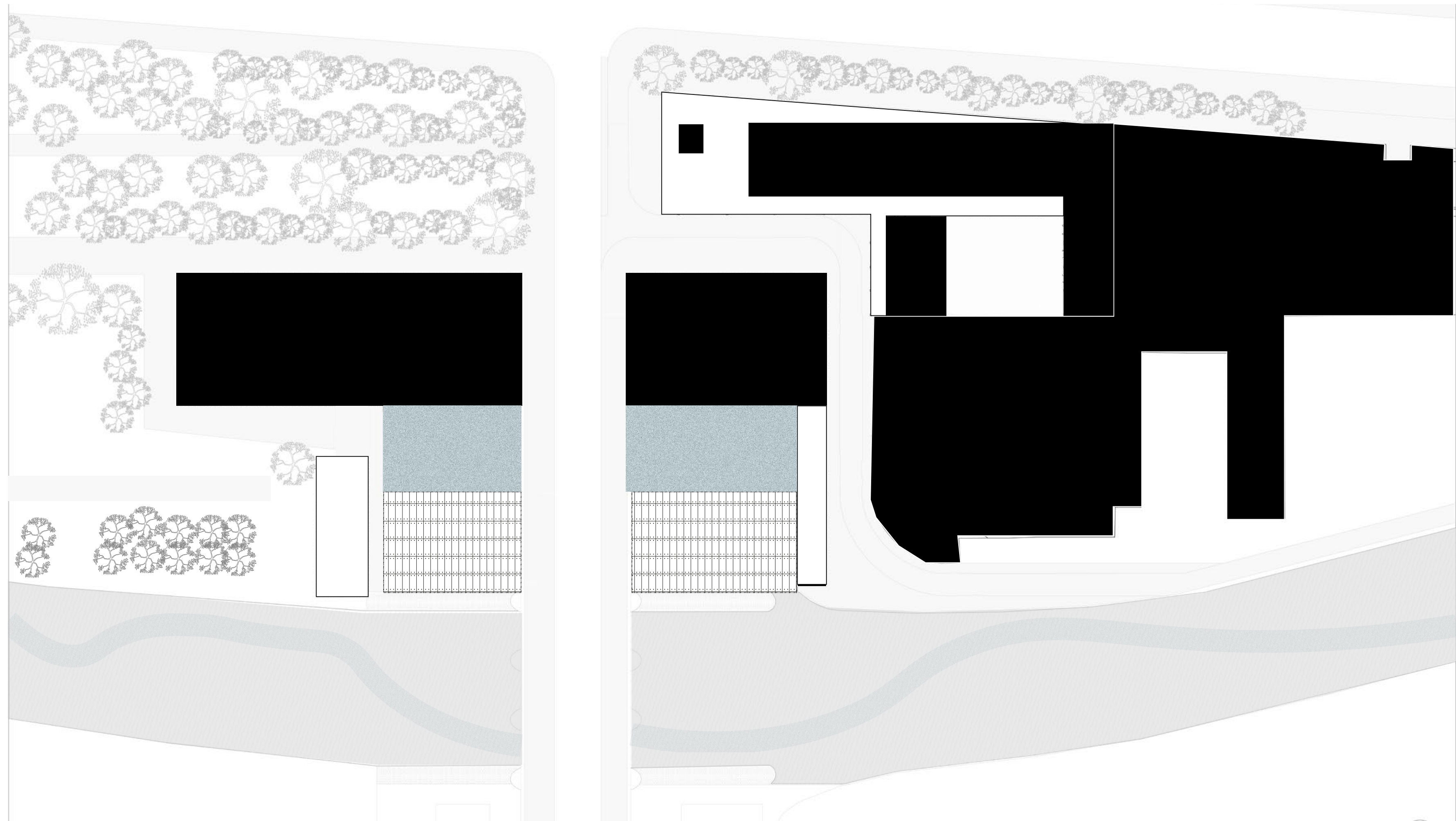
La Piscina la Isla



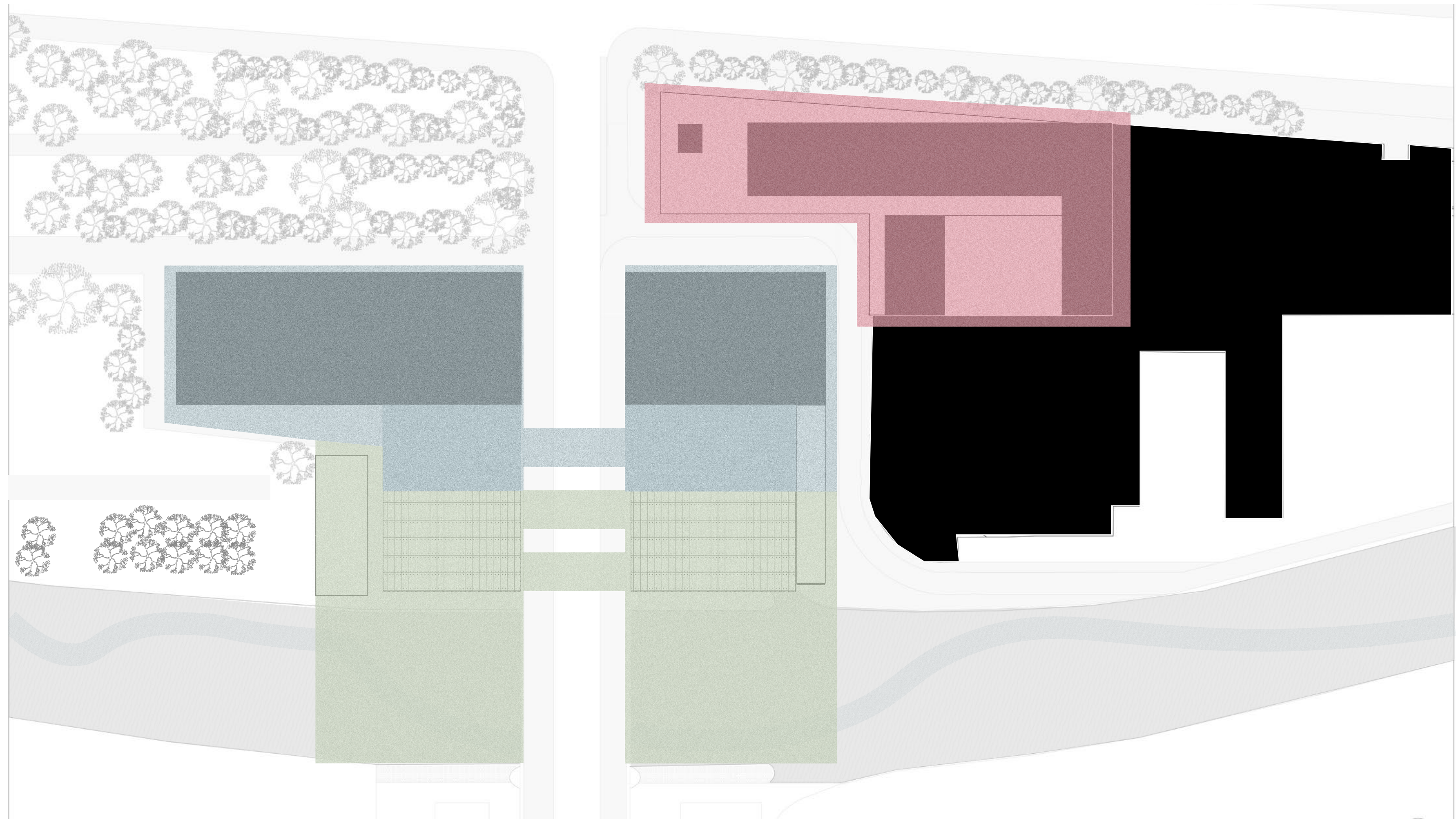
Playa de Madrid



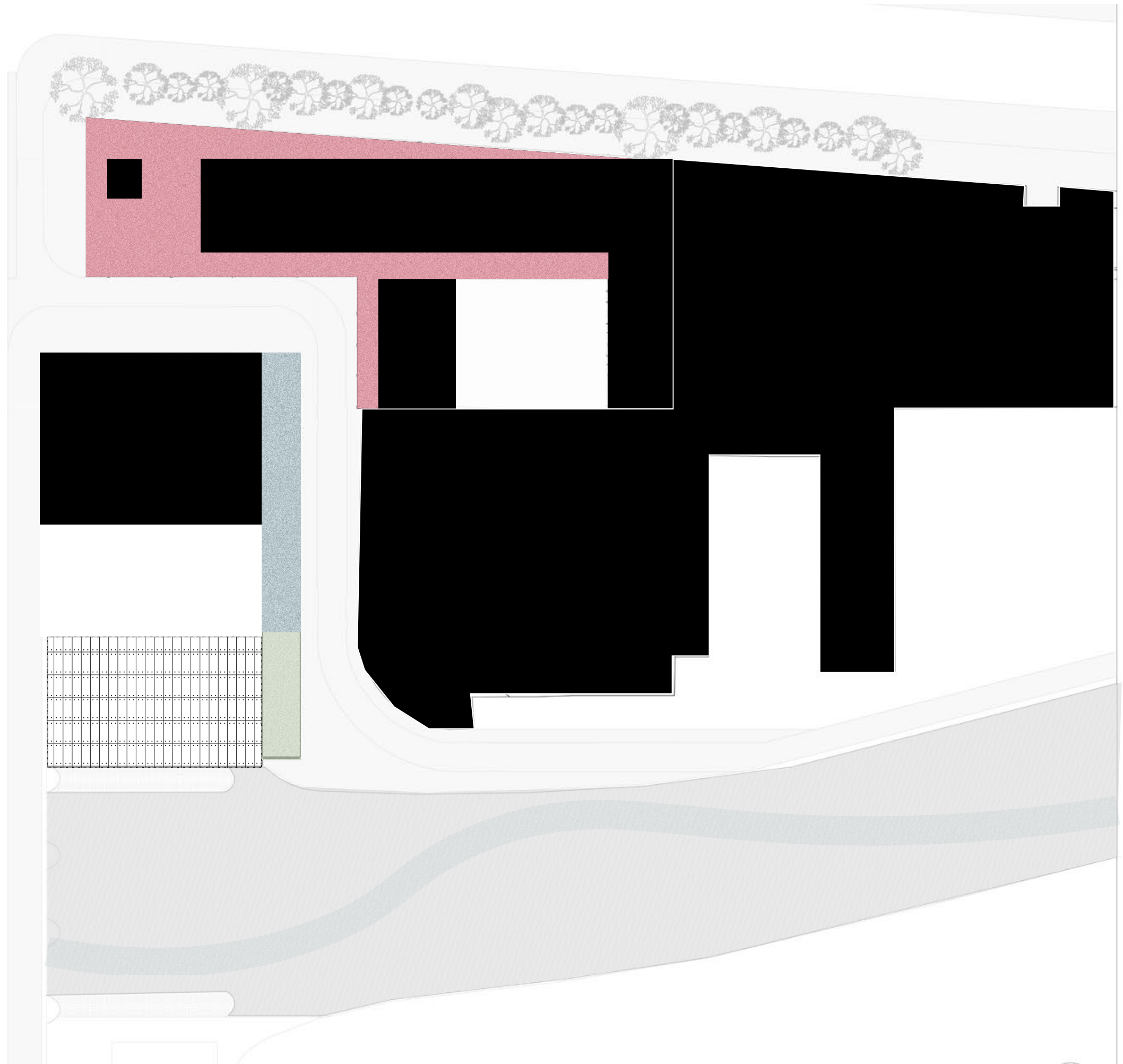
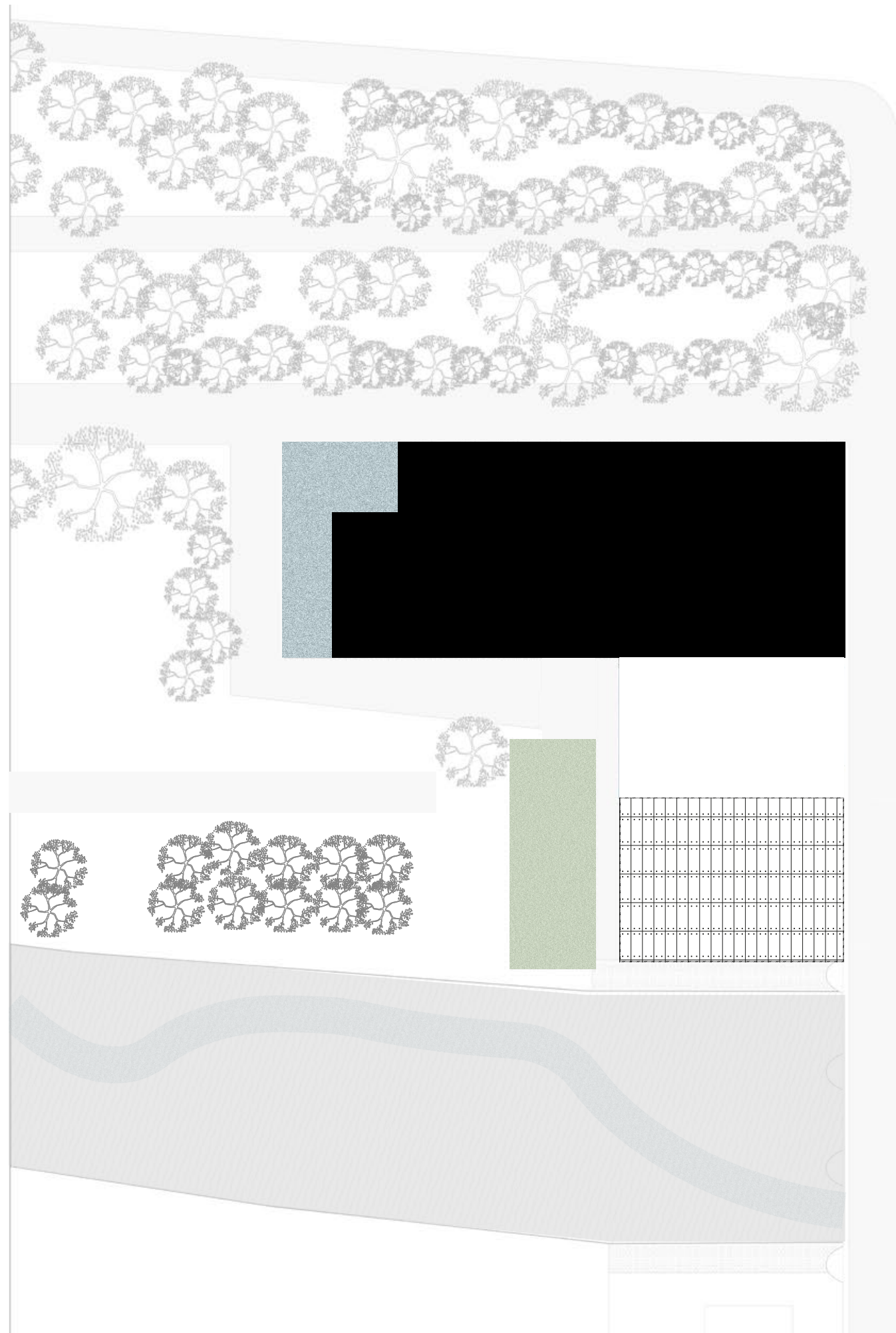
Existing Site Plan



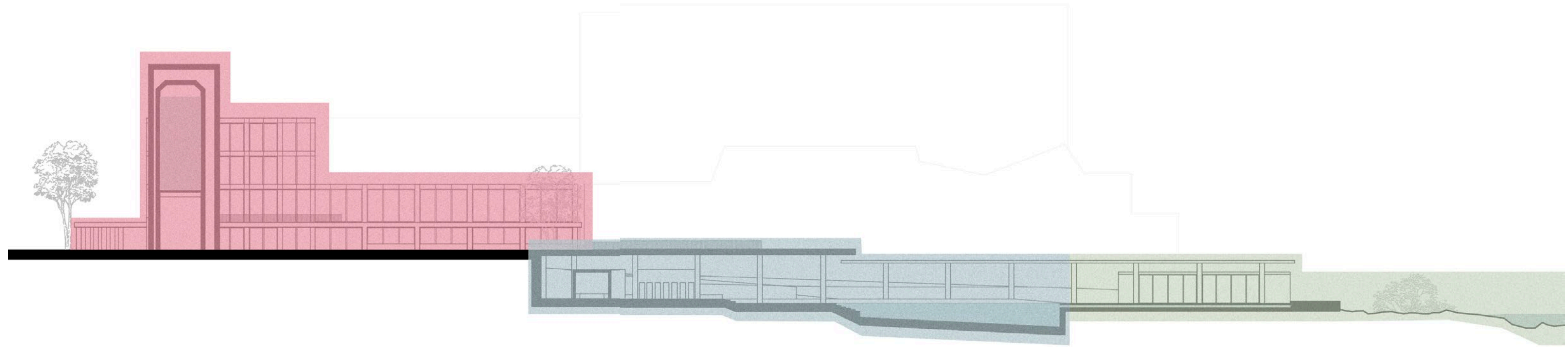
Proposed Site Plan



Proposed Program

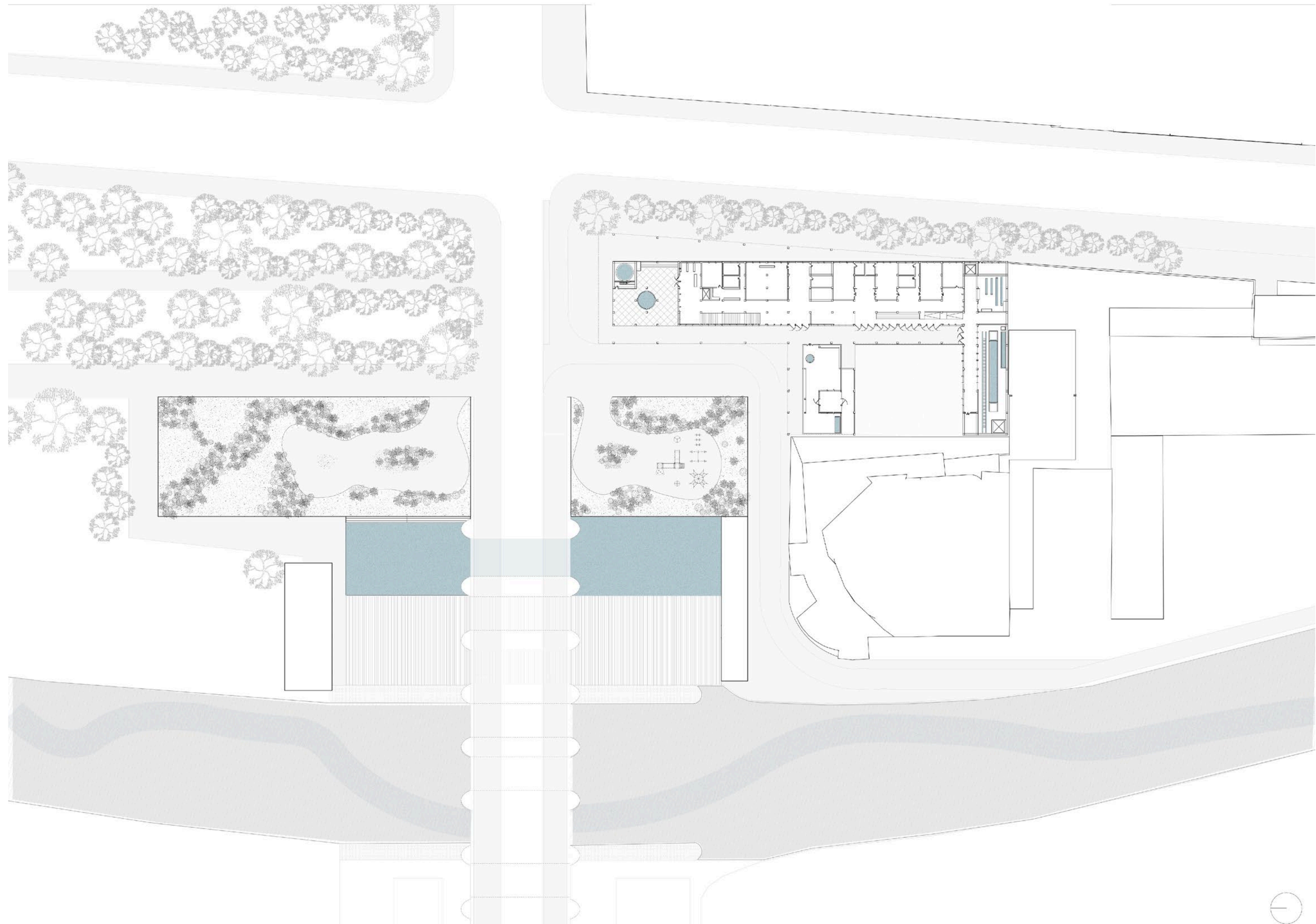


The Canopy

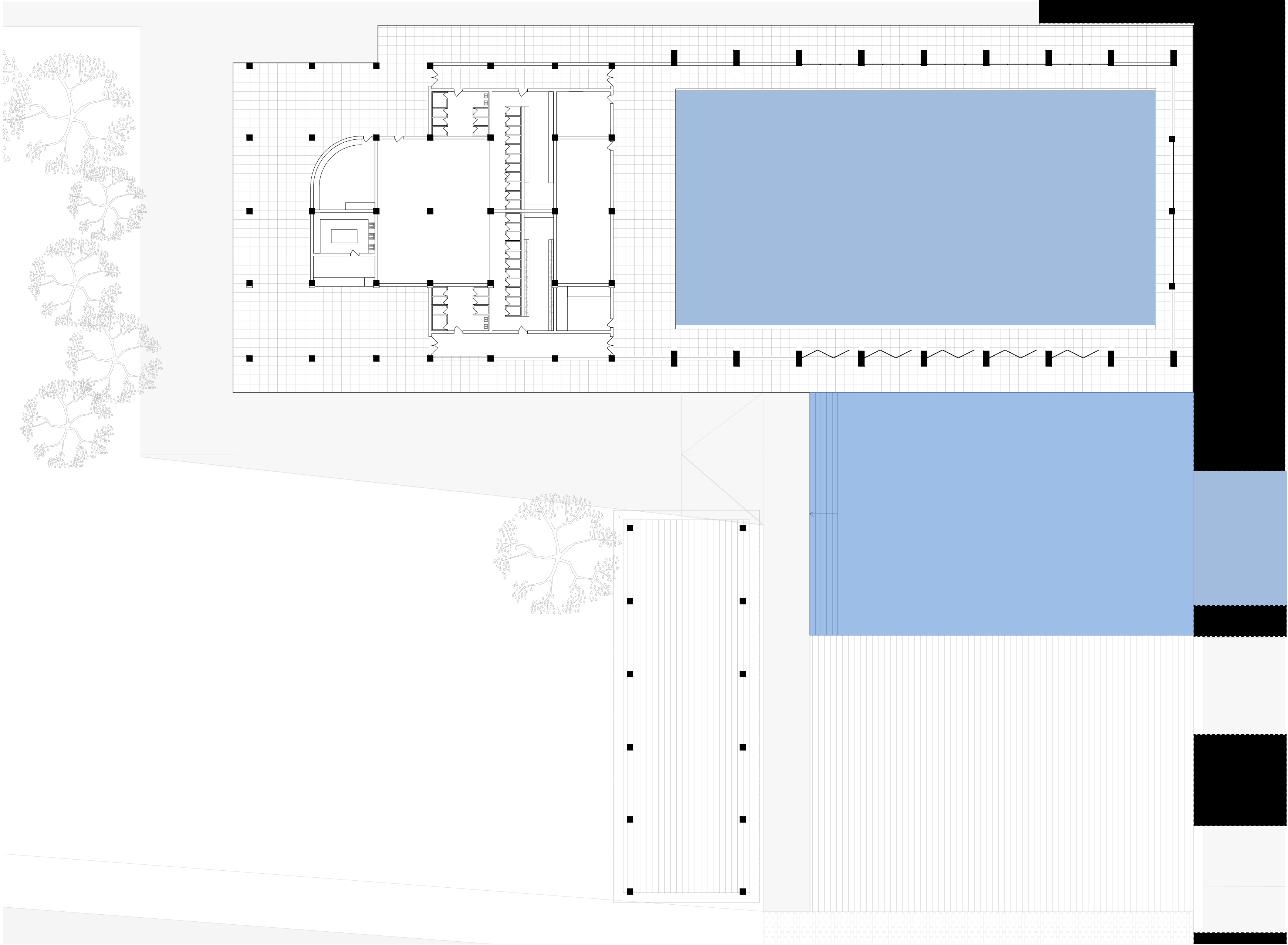




The Canopy

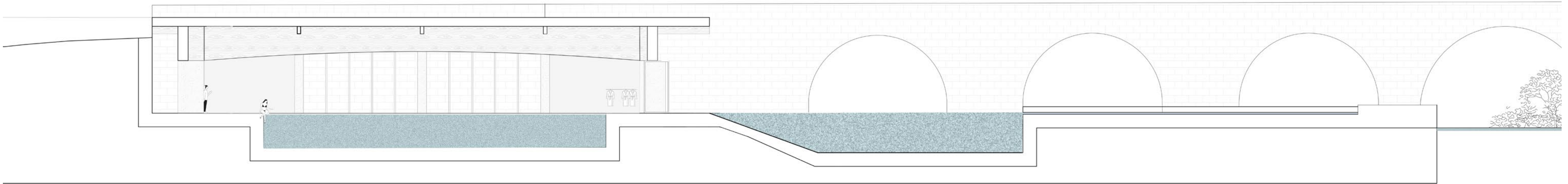
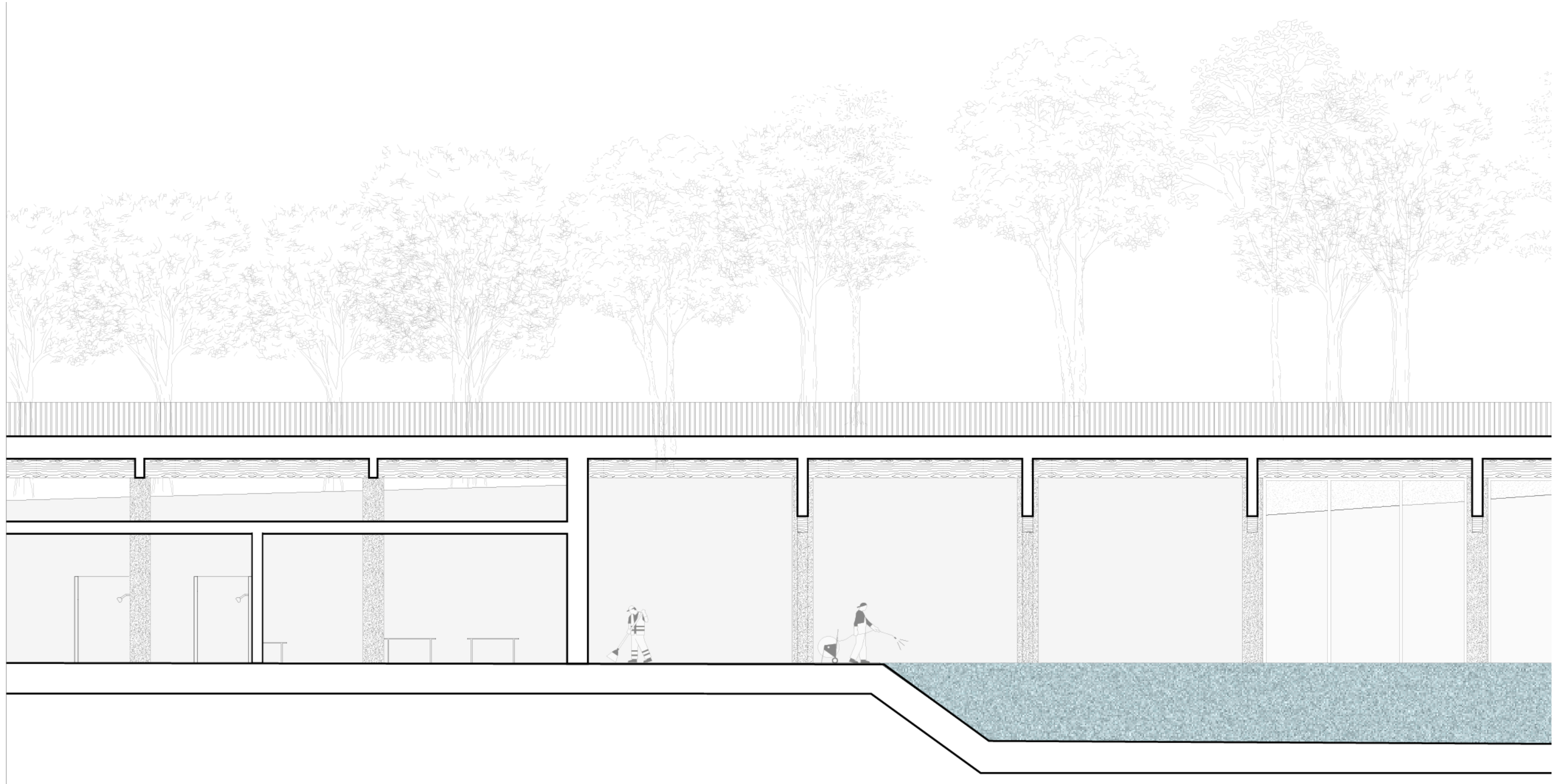


Ground Plan

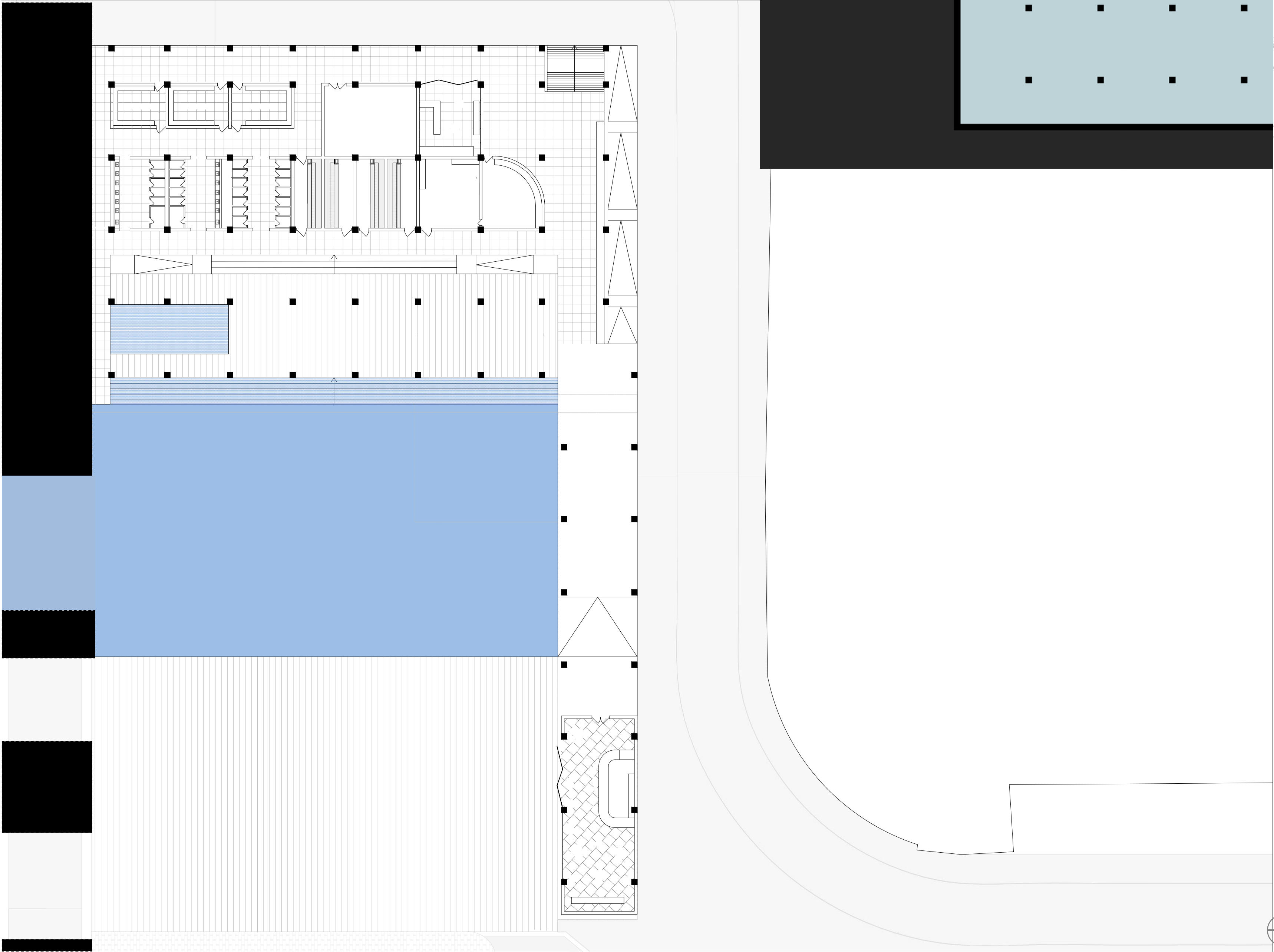


Pool Building A

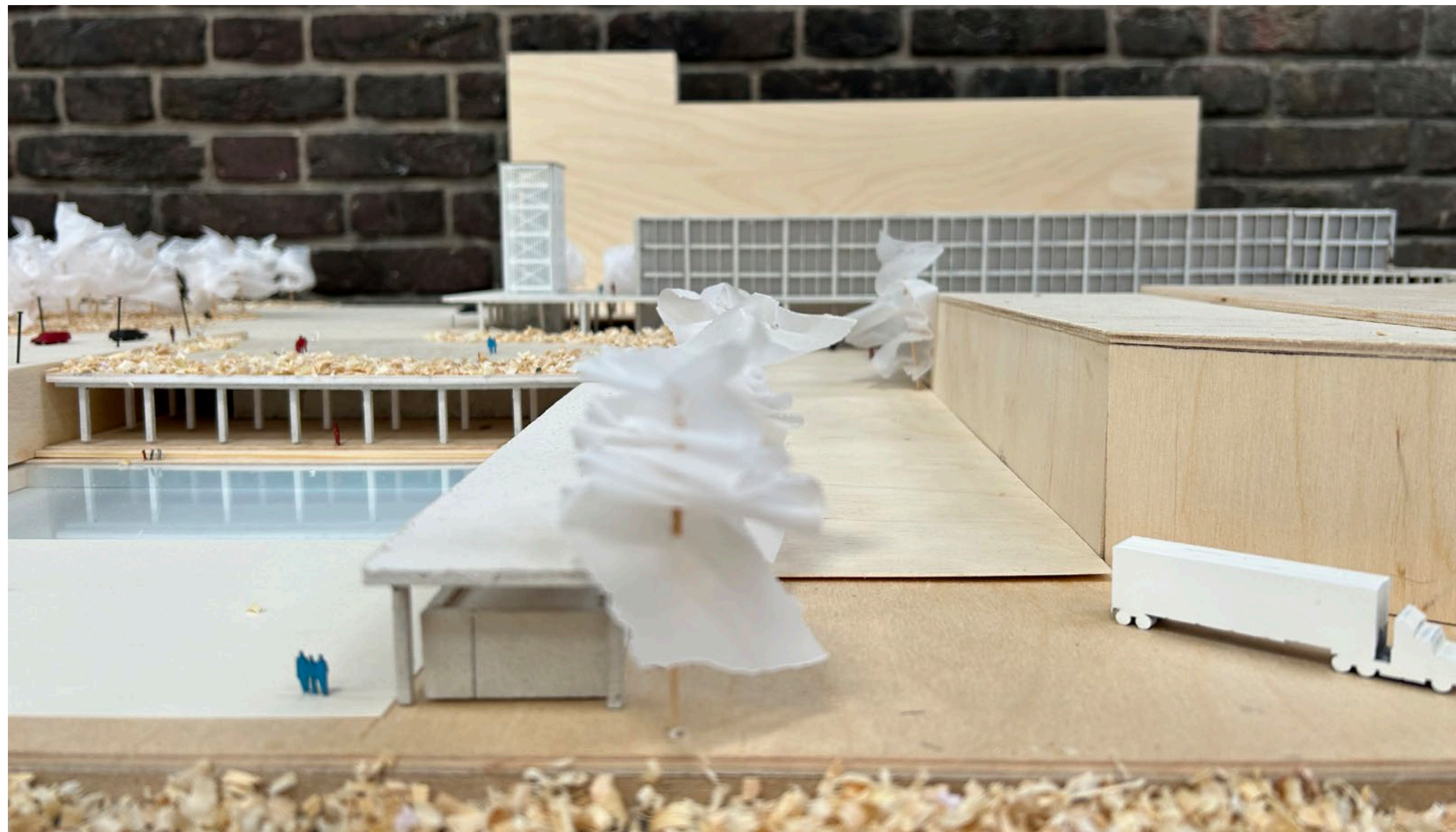
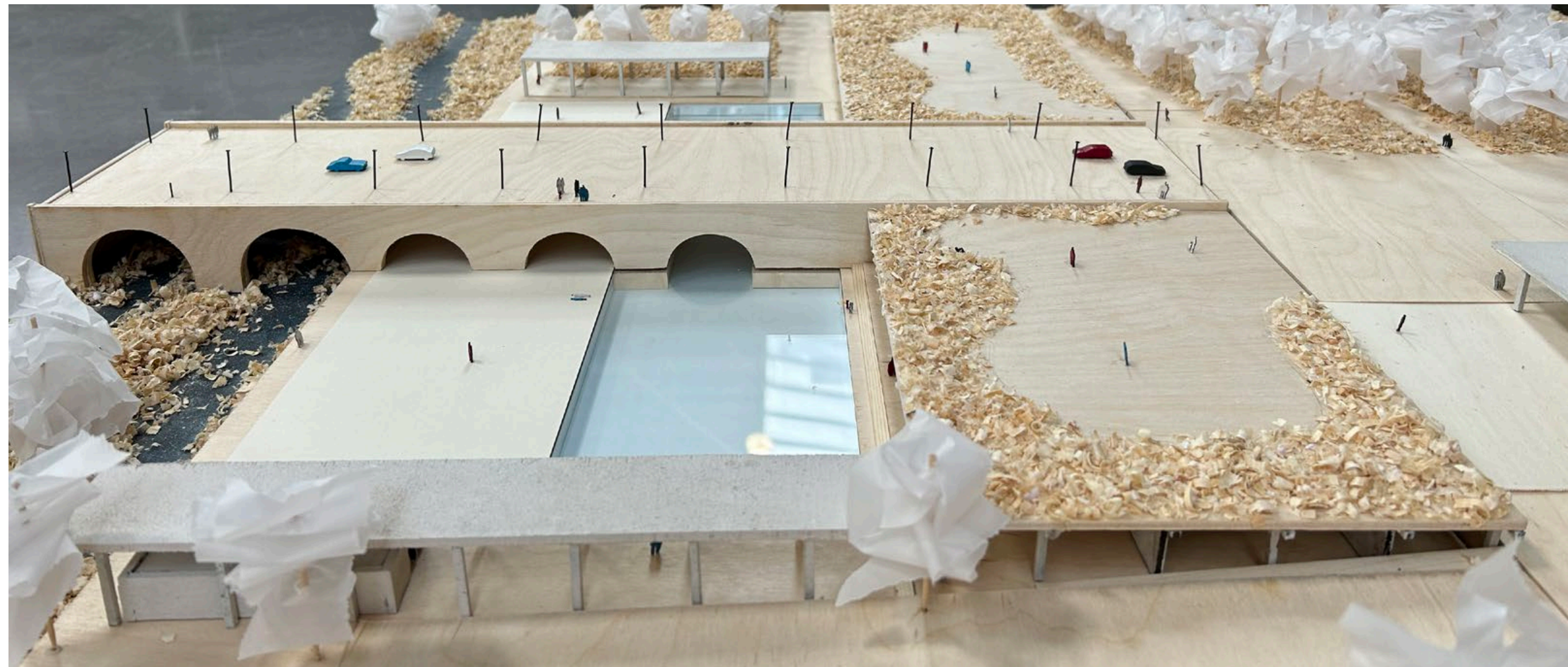


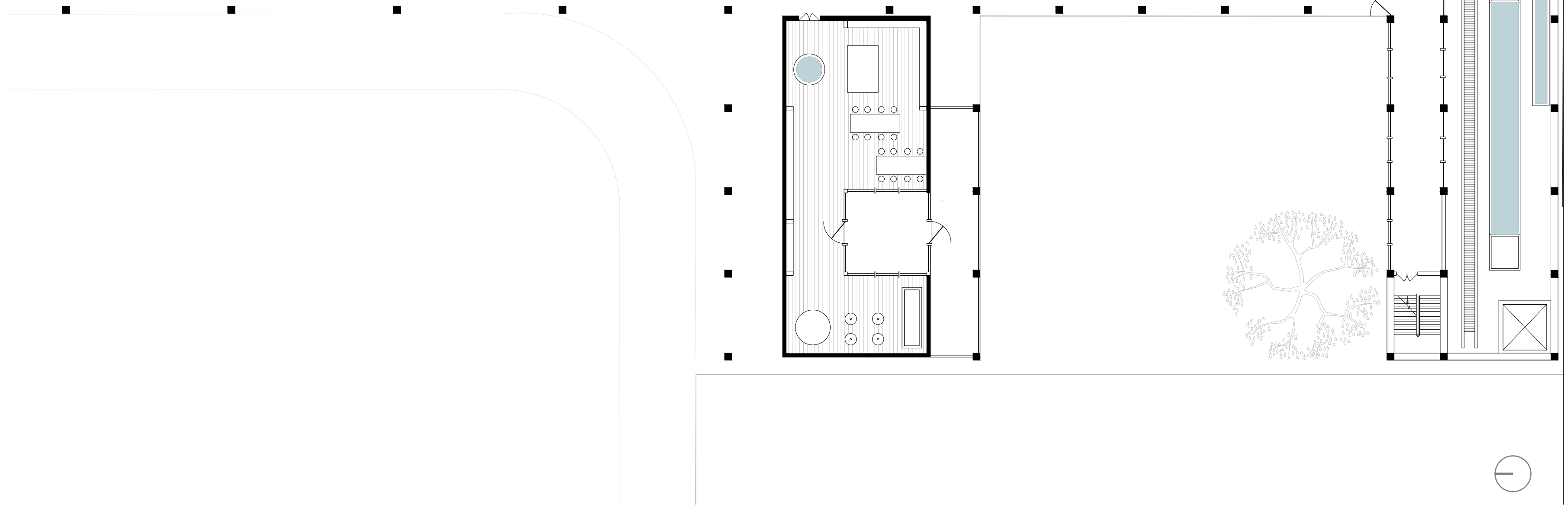
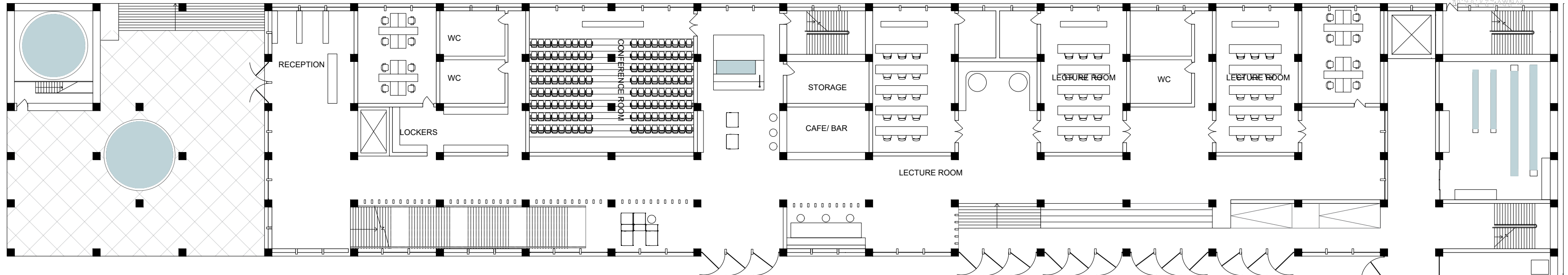
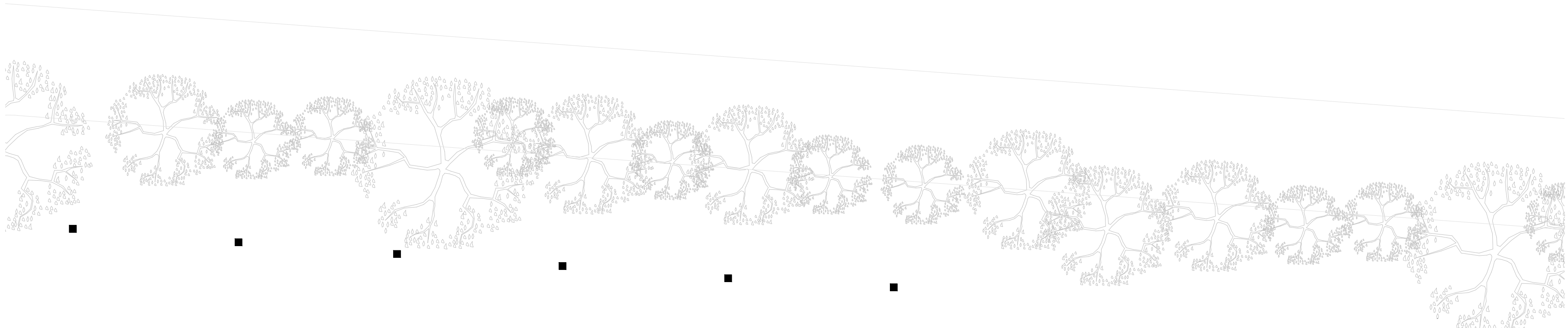
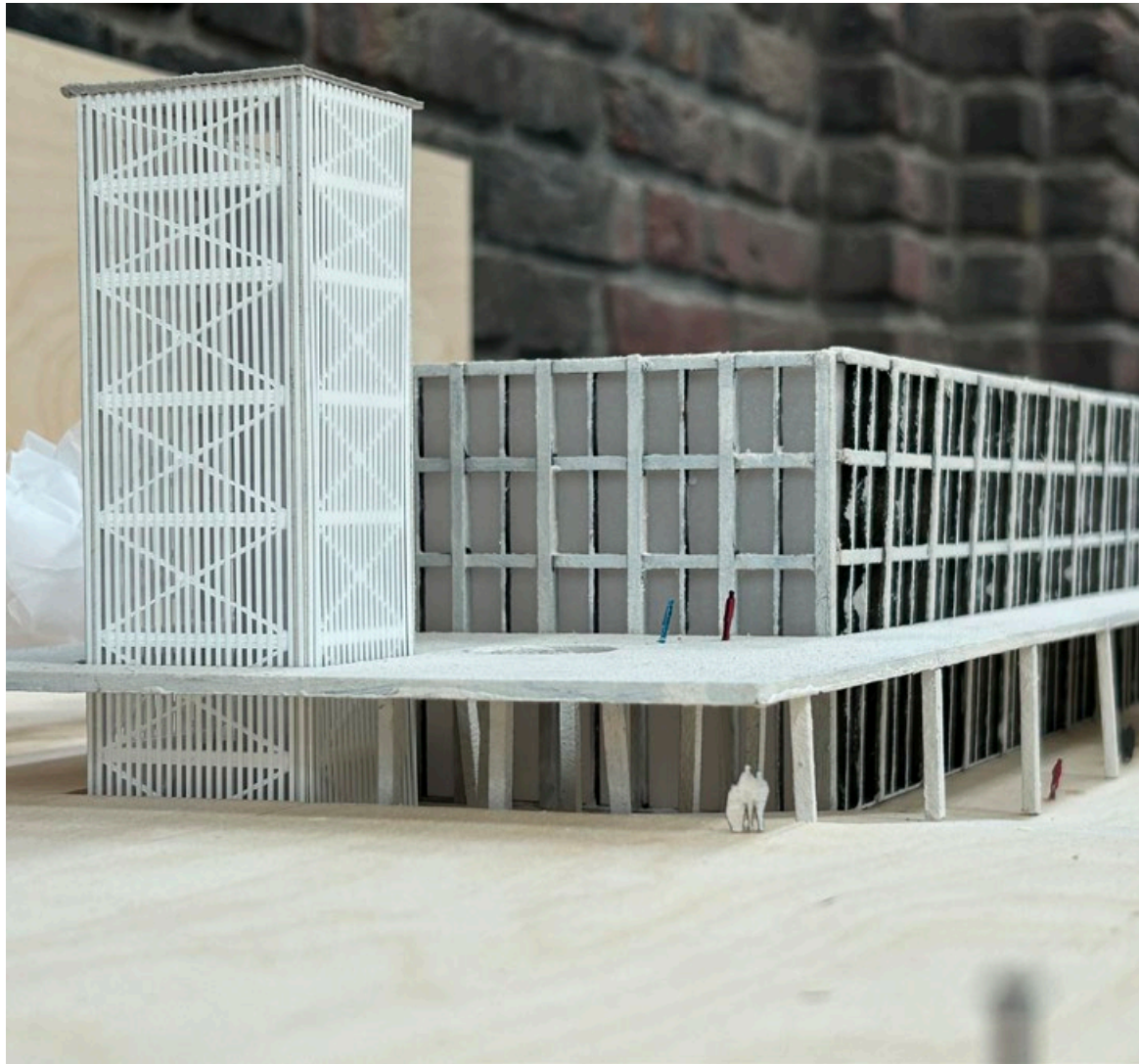


Section DD

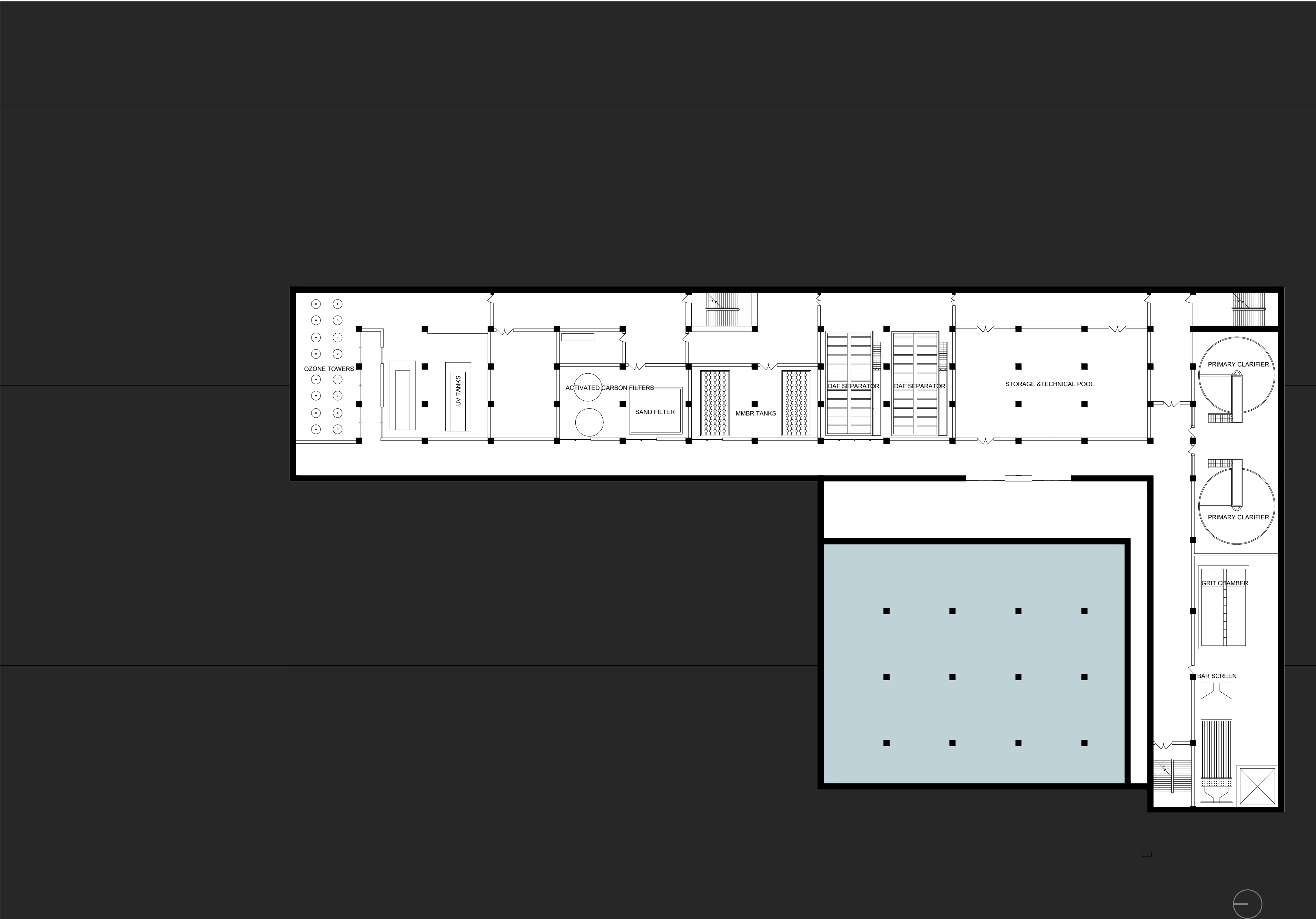


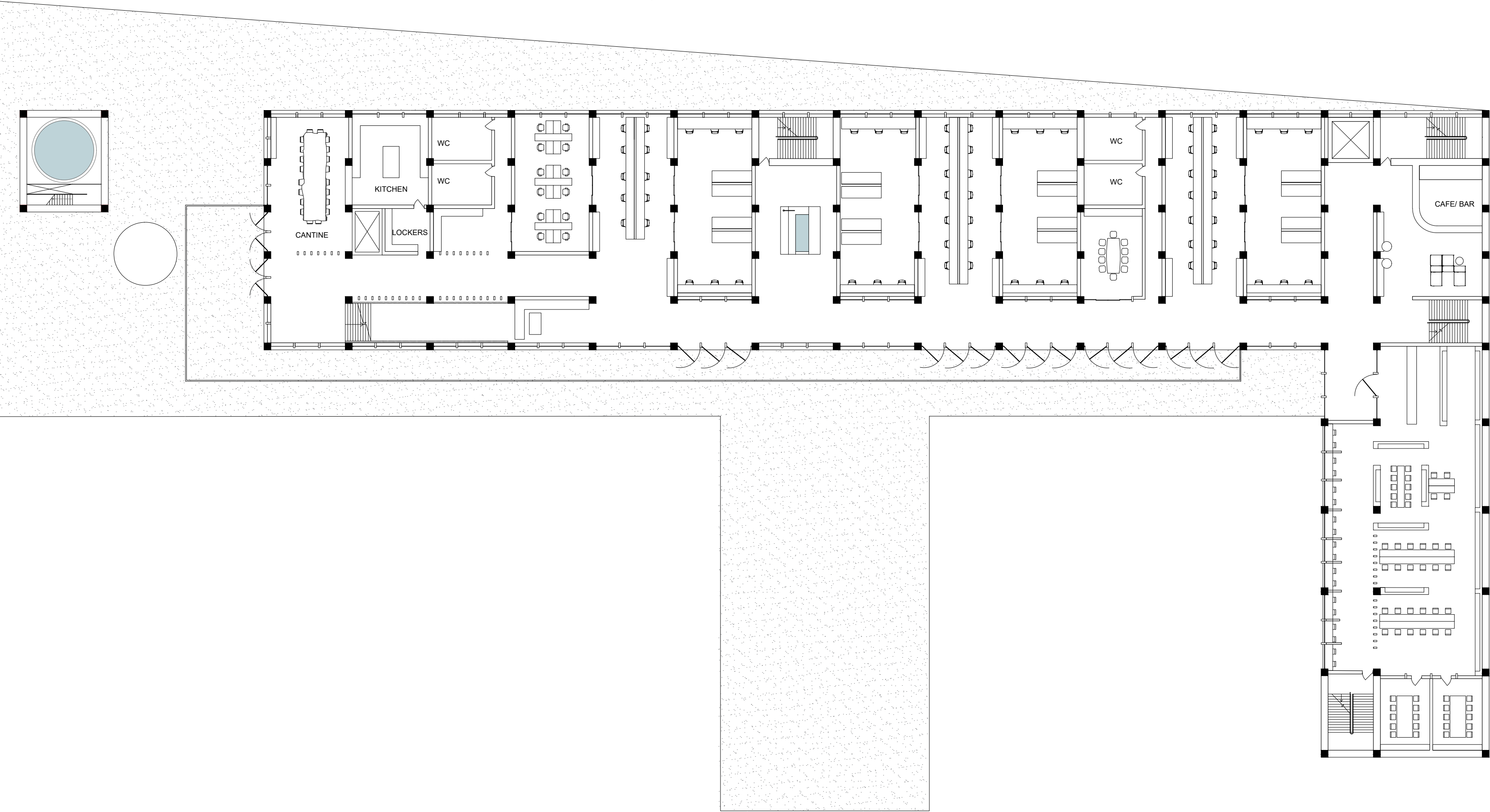
Pool Building B



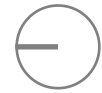


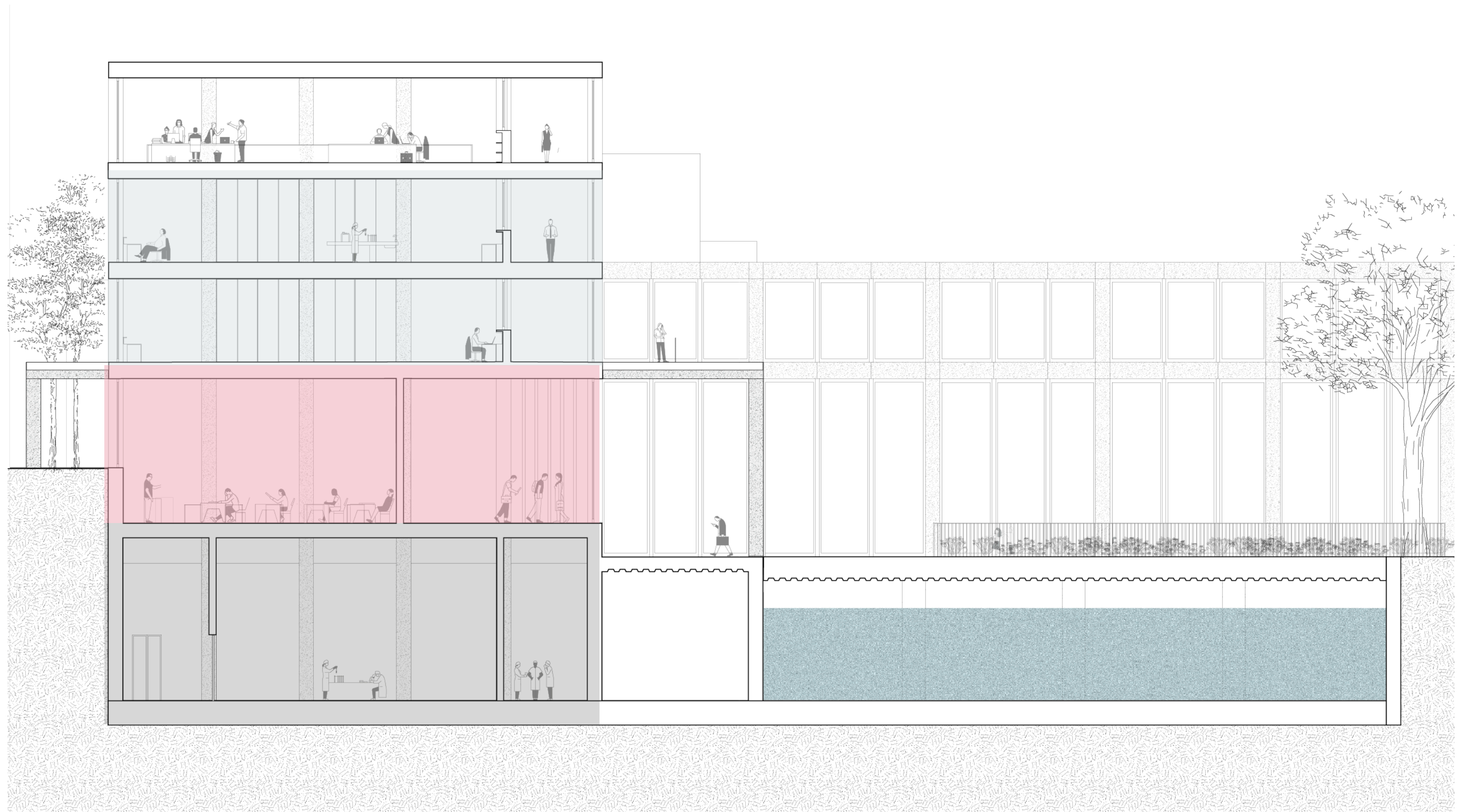
-01 Plan Water Hub



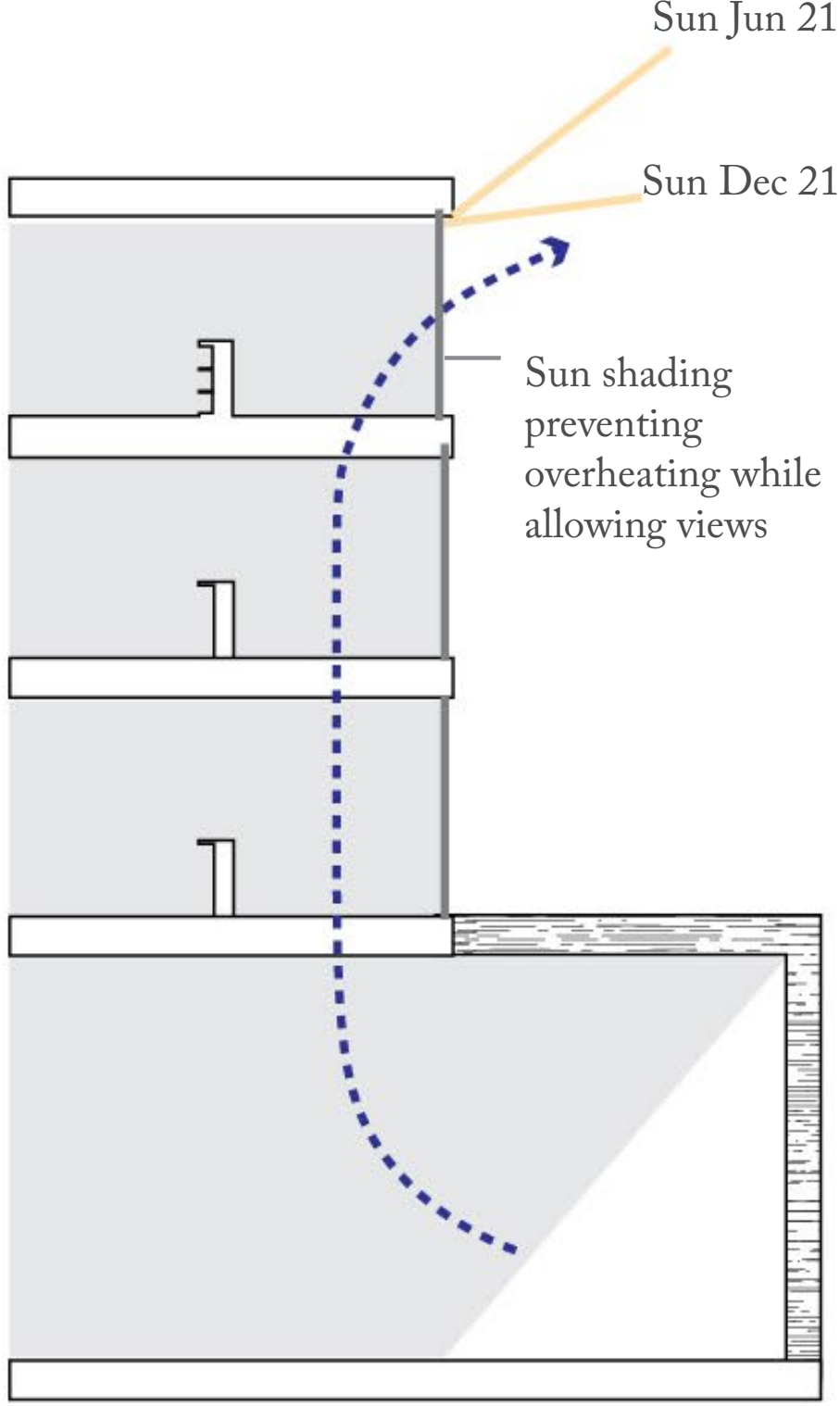
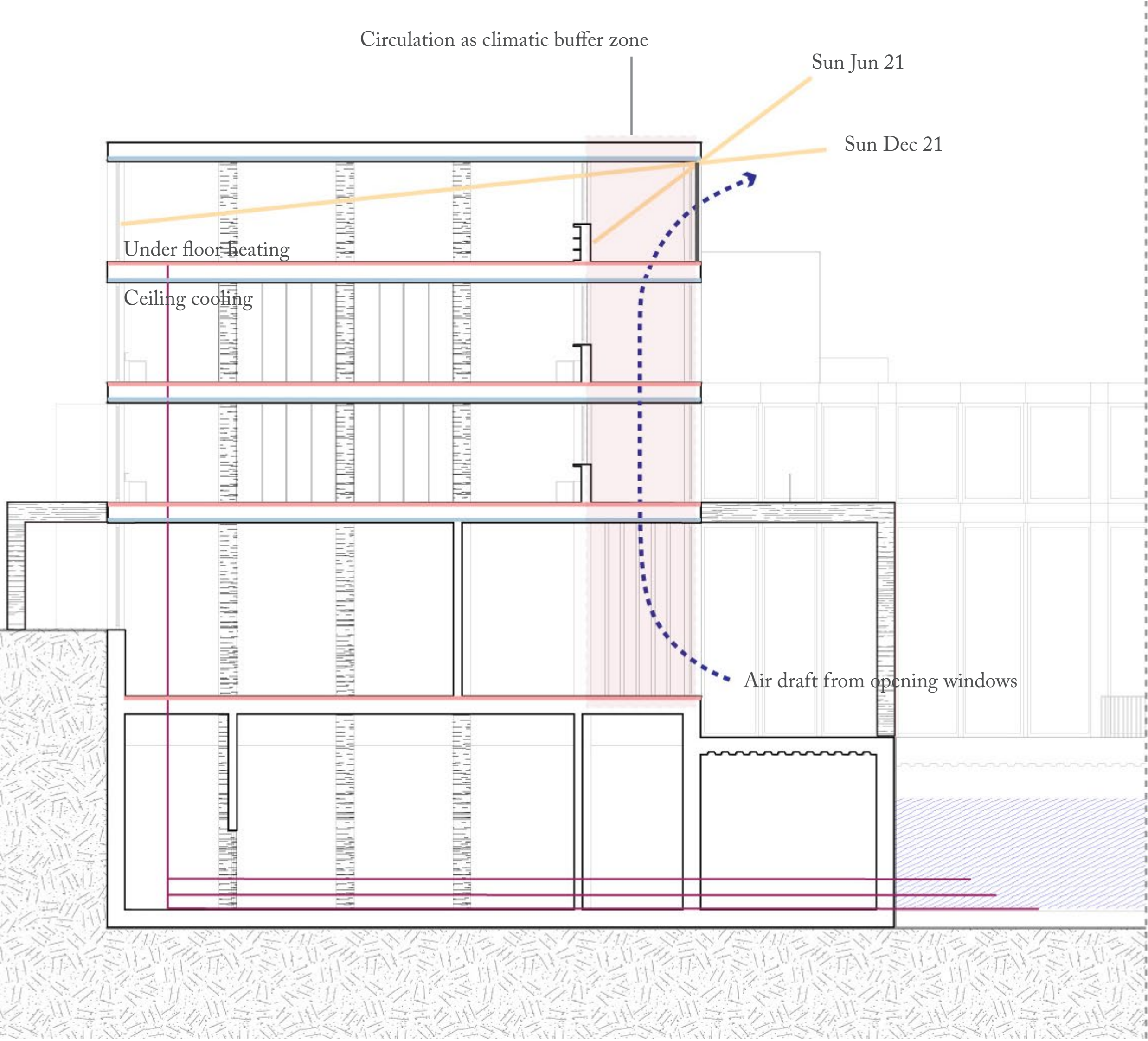


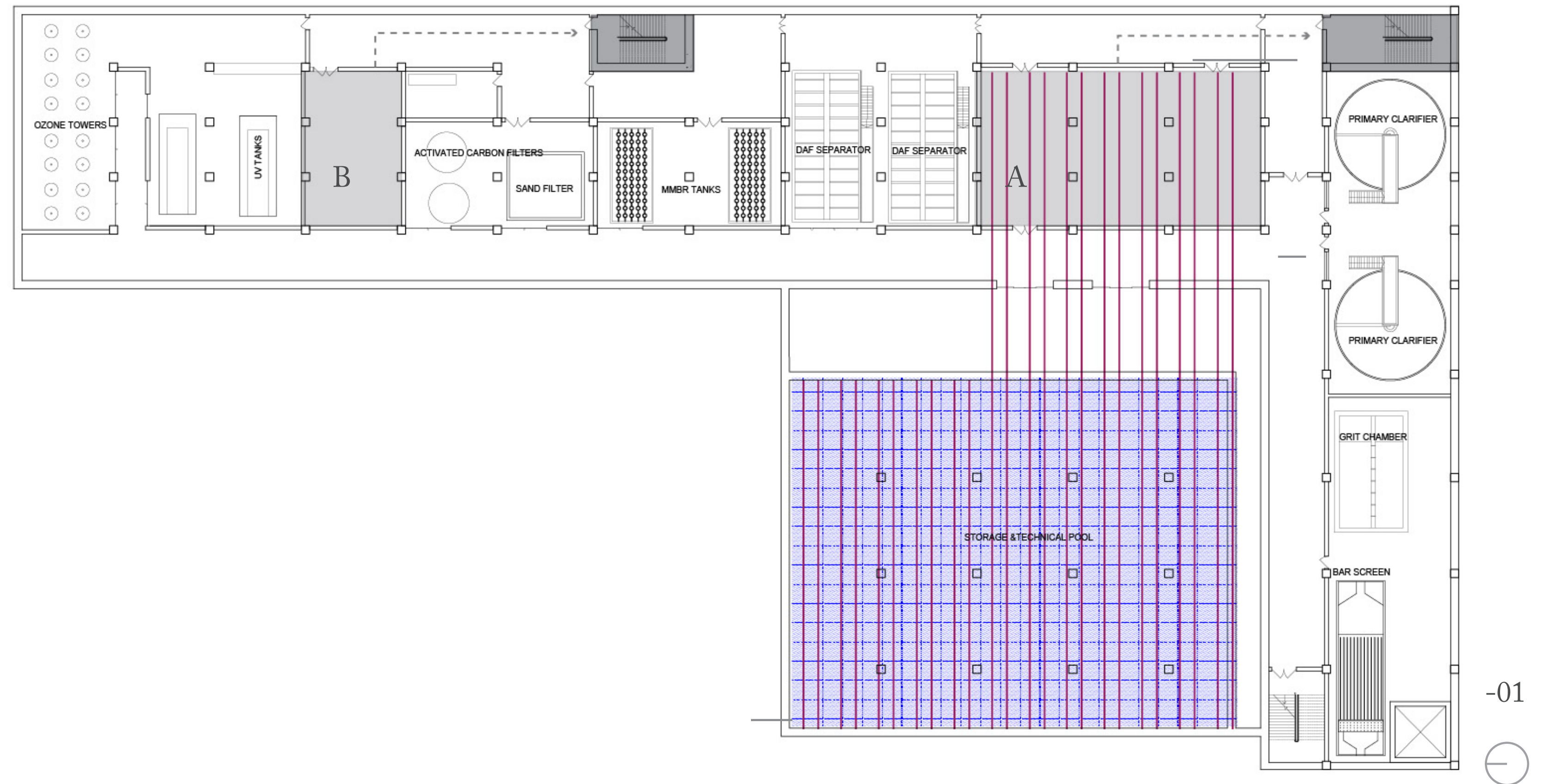
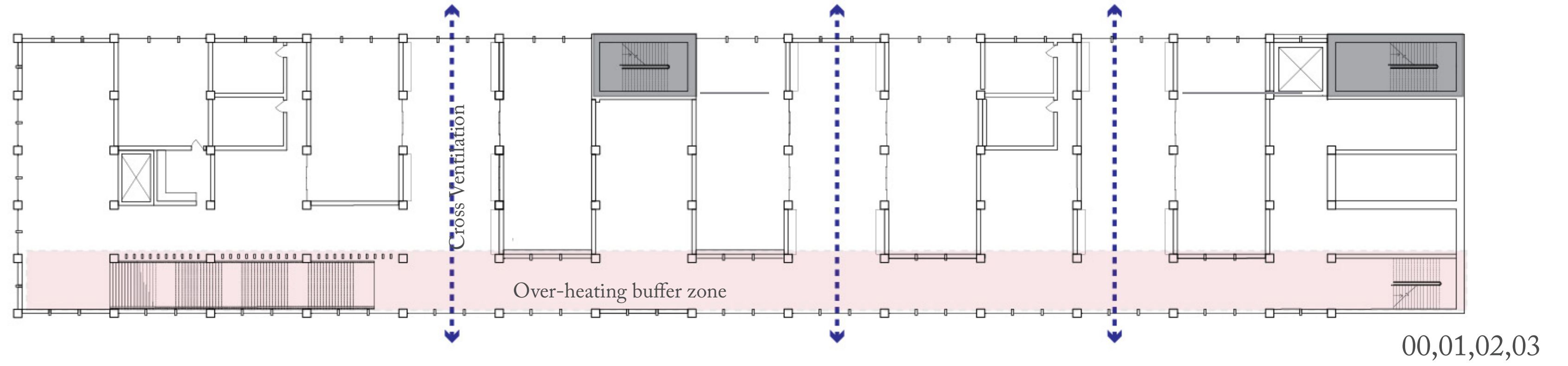
01 Plan Water Hub

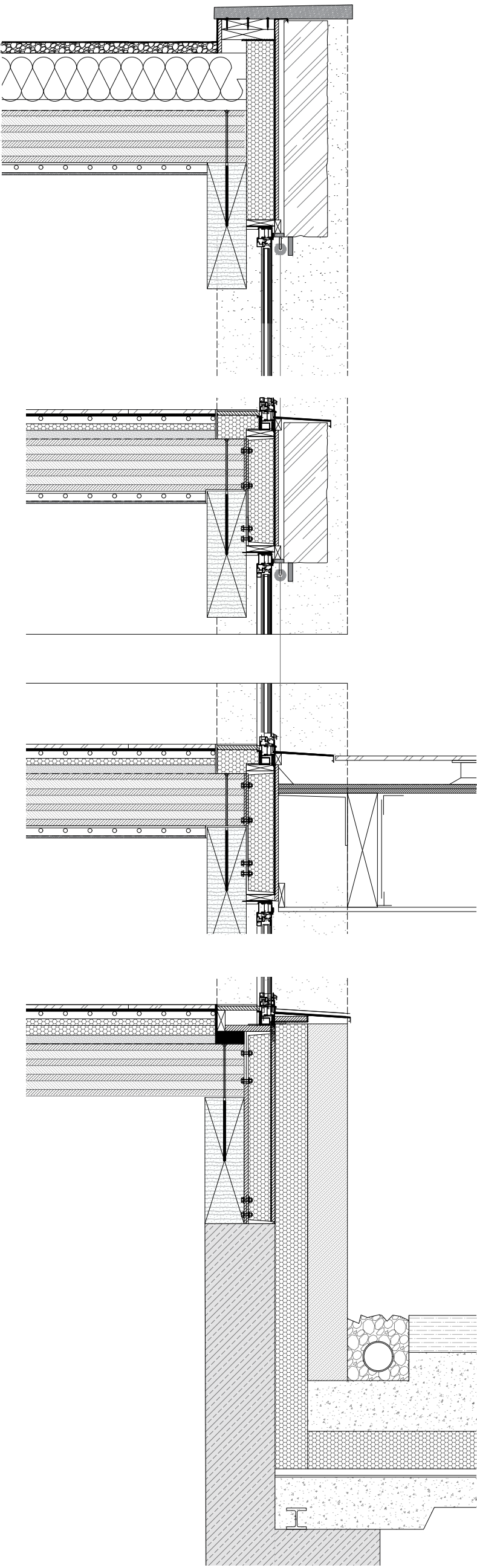




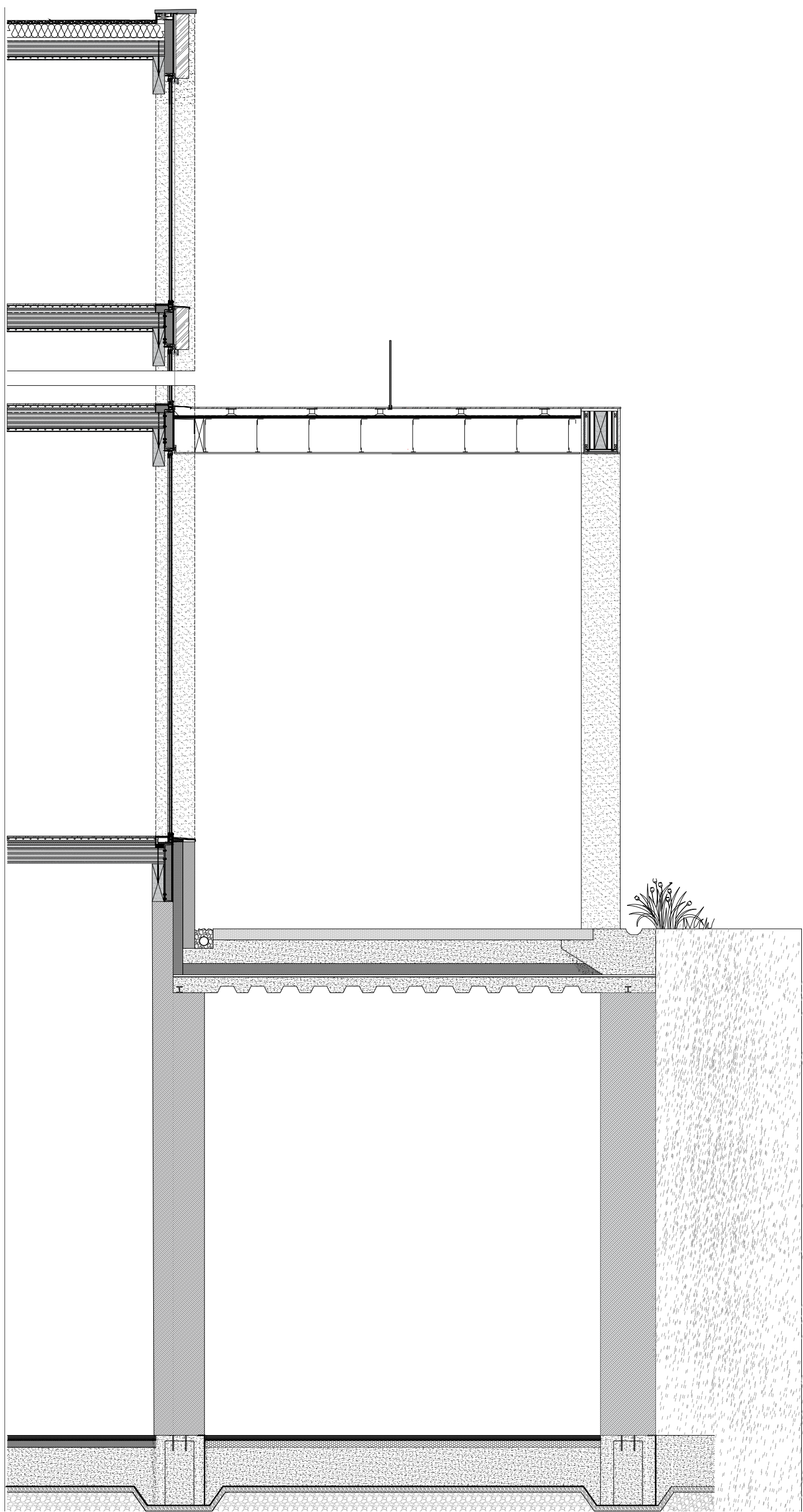
Section AA'

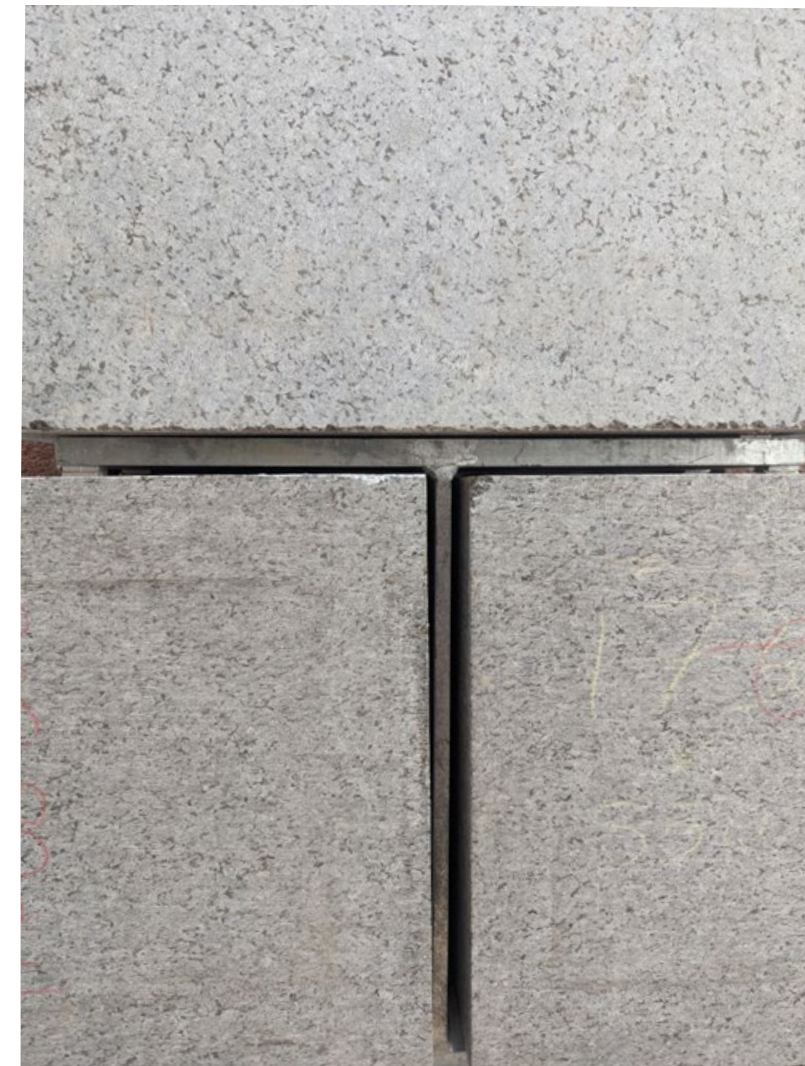
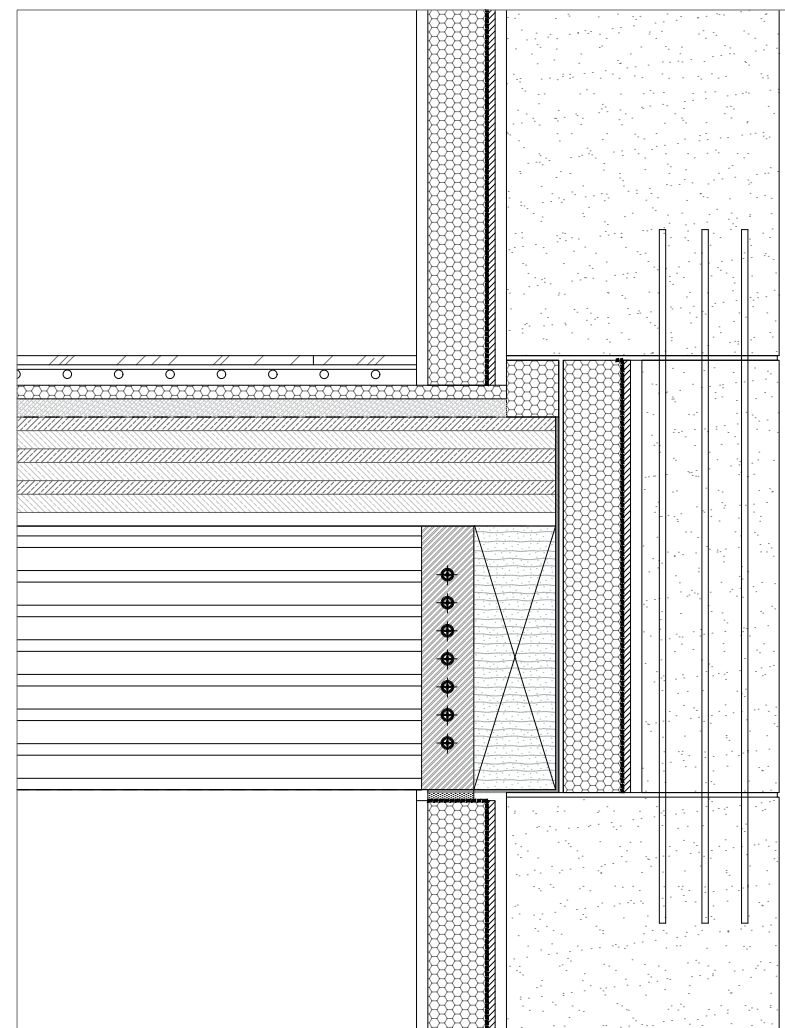
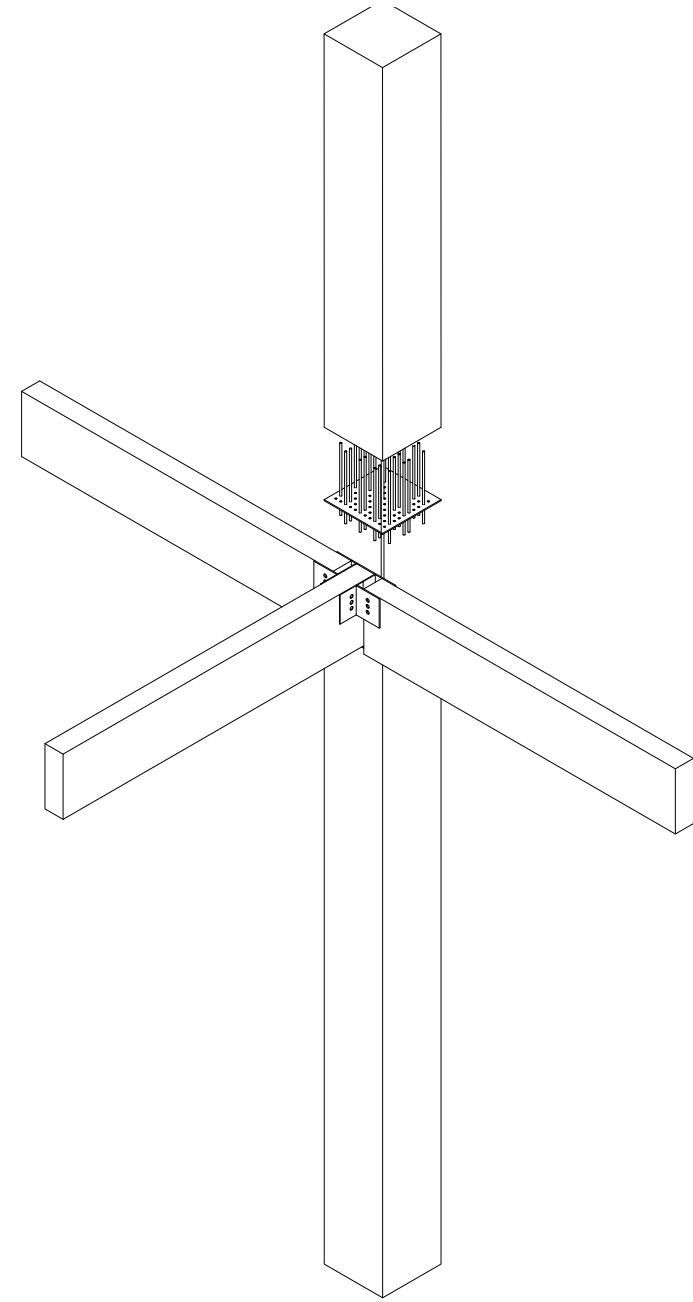


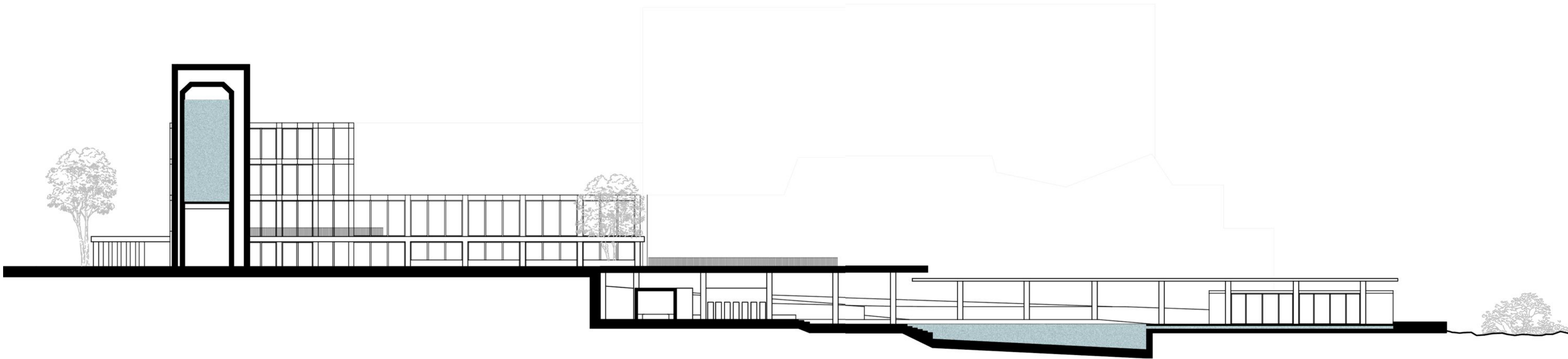




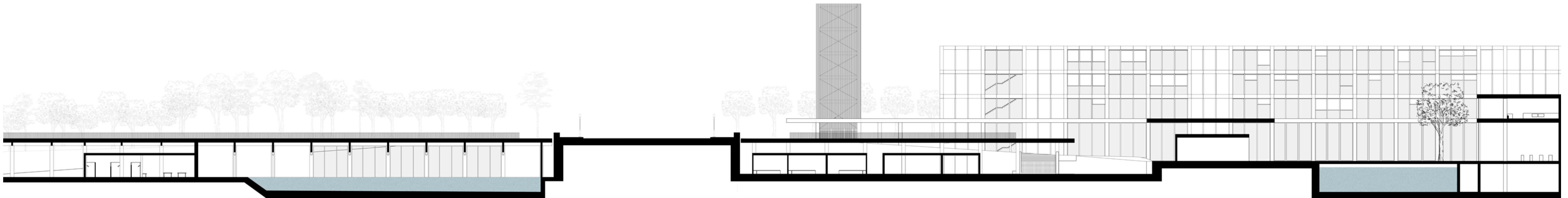
Facade



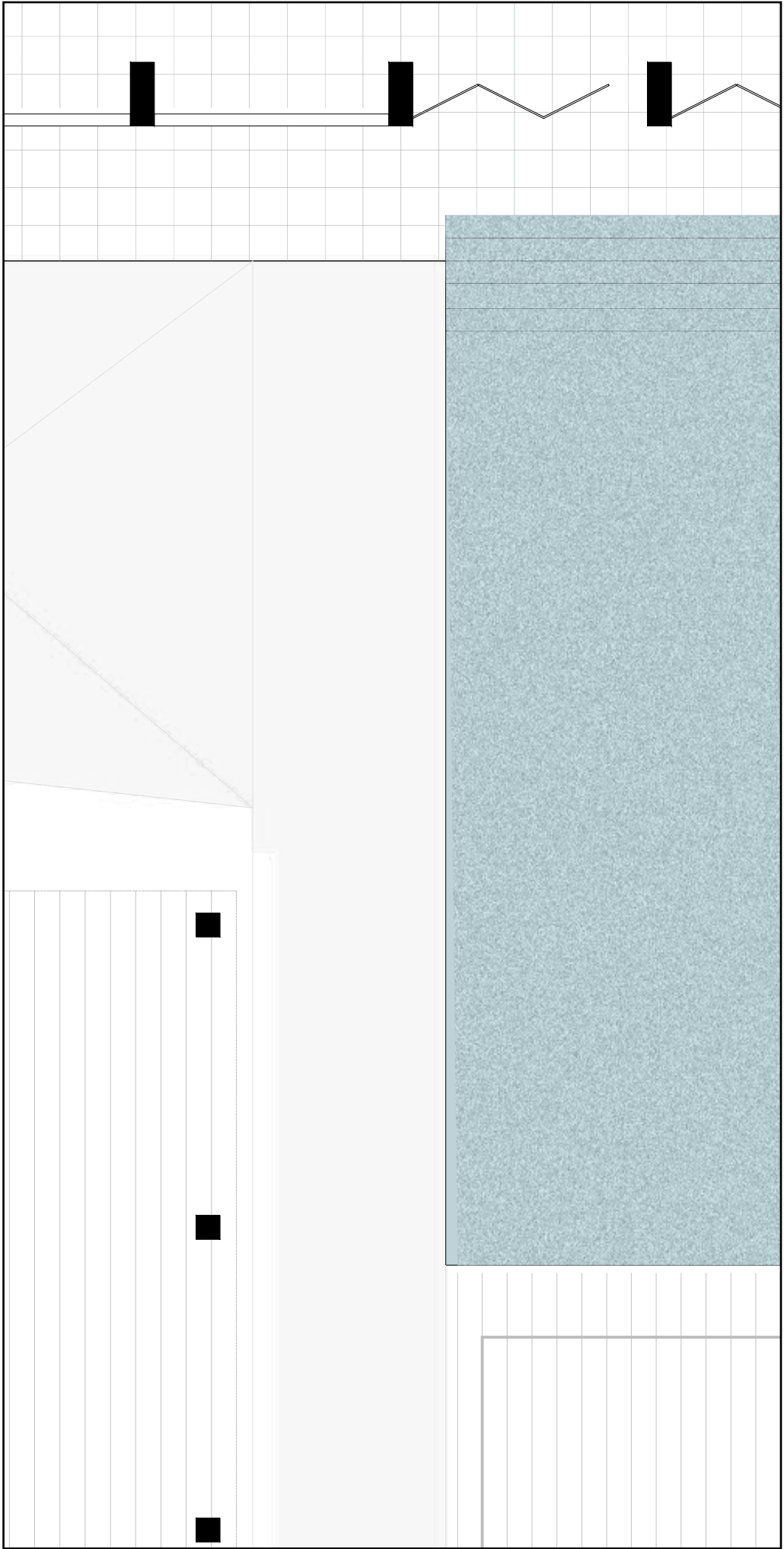


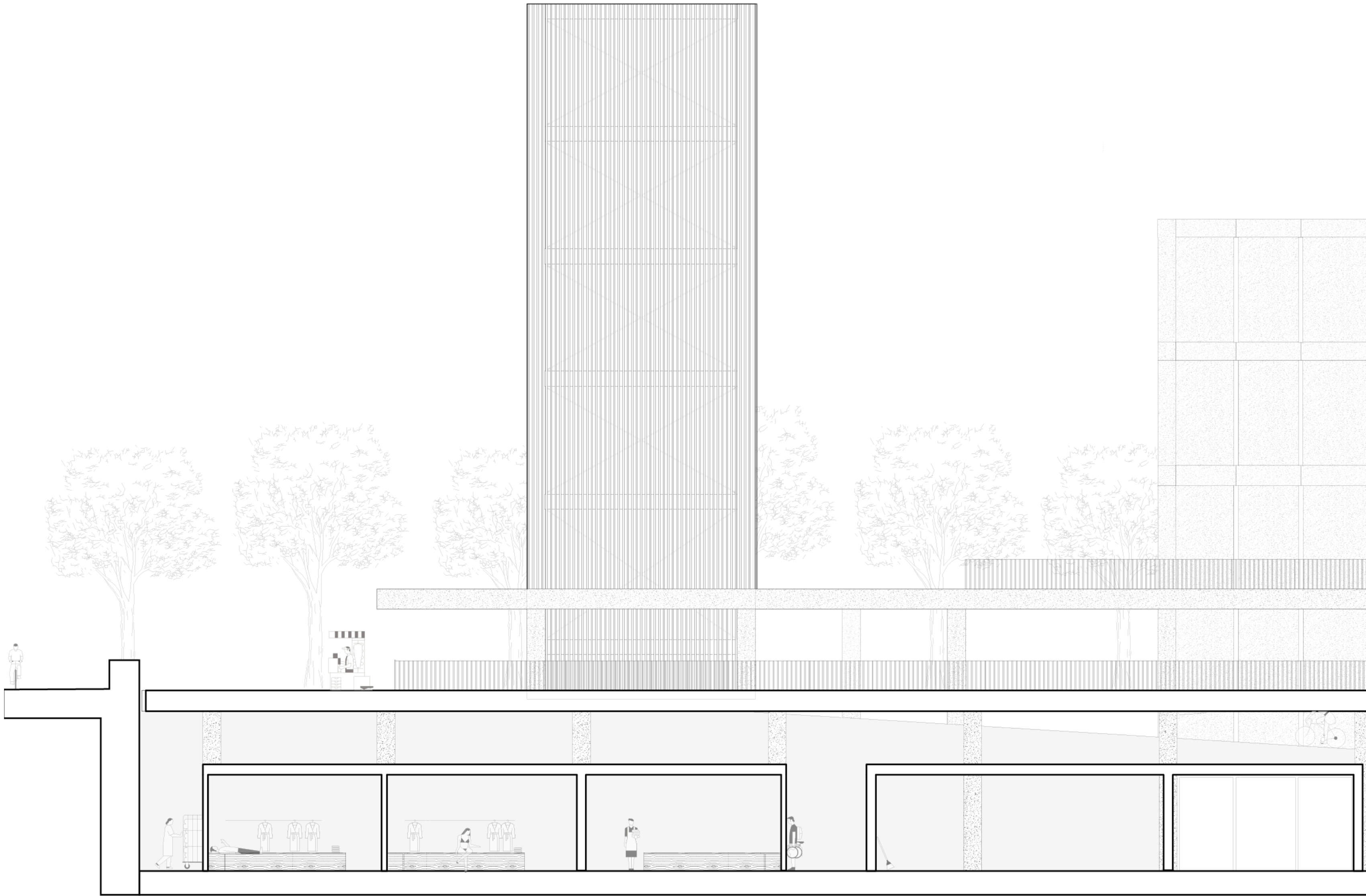


Bridging

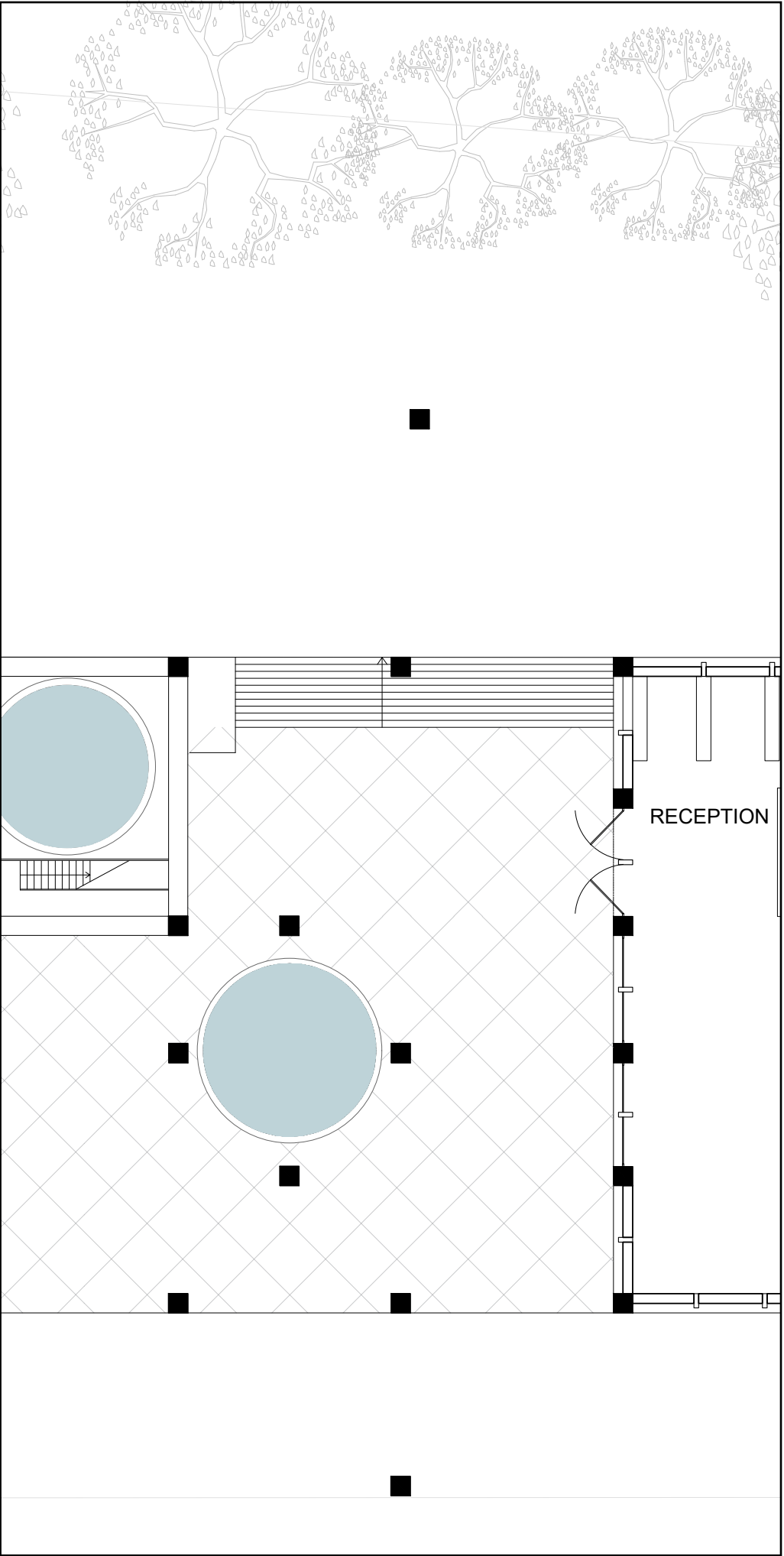


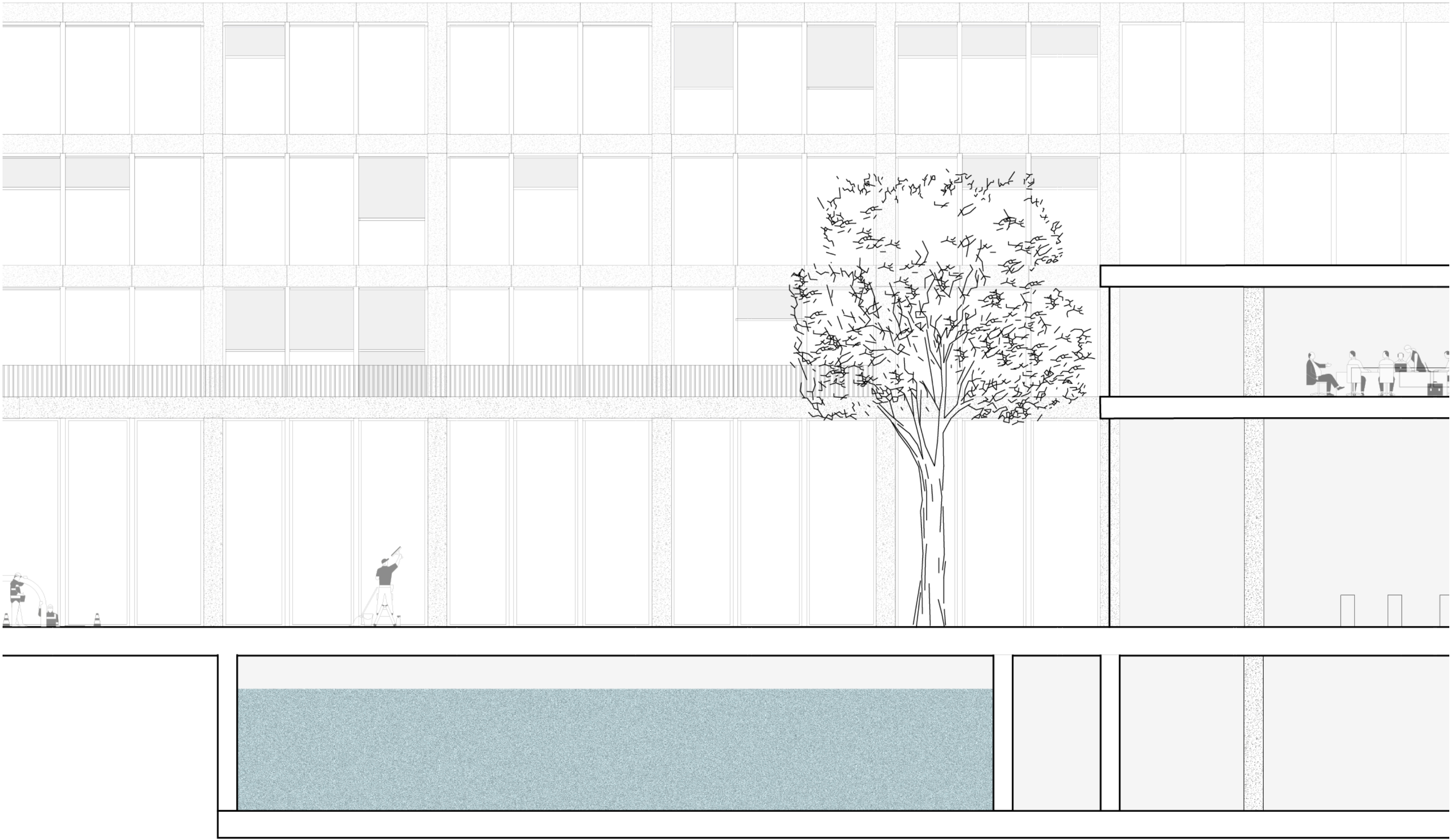
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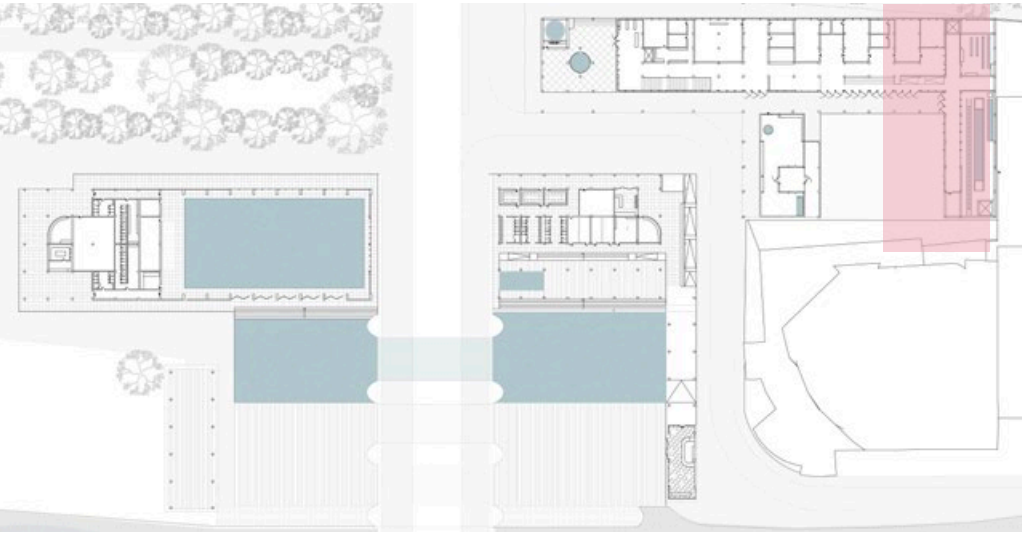
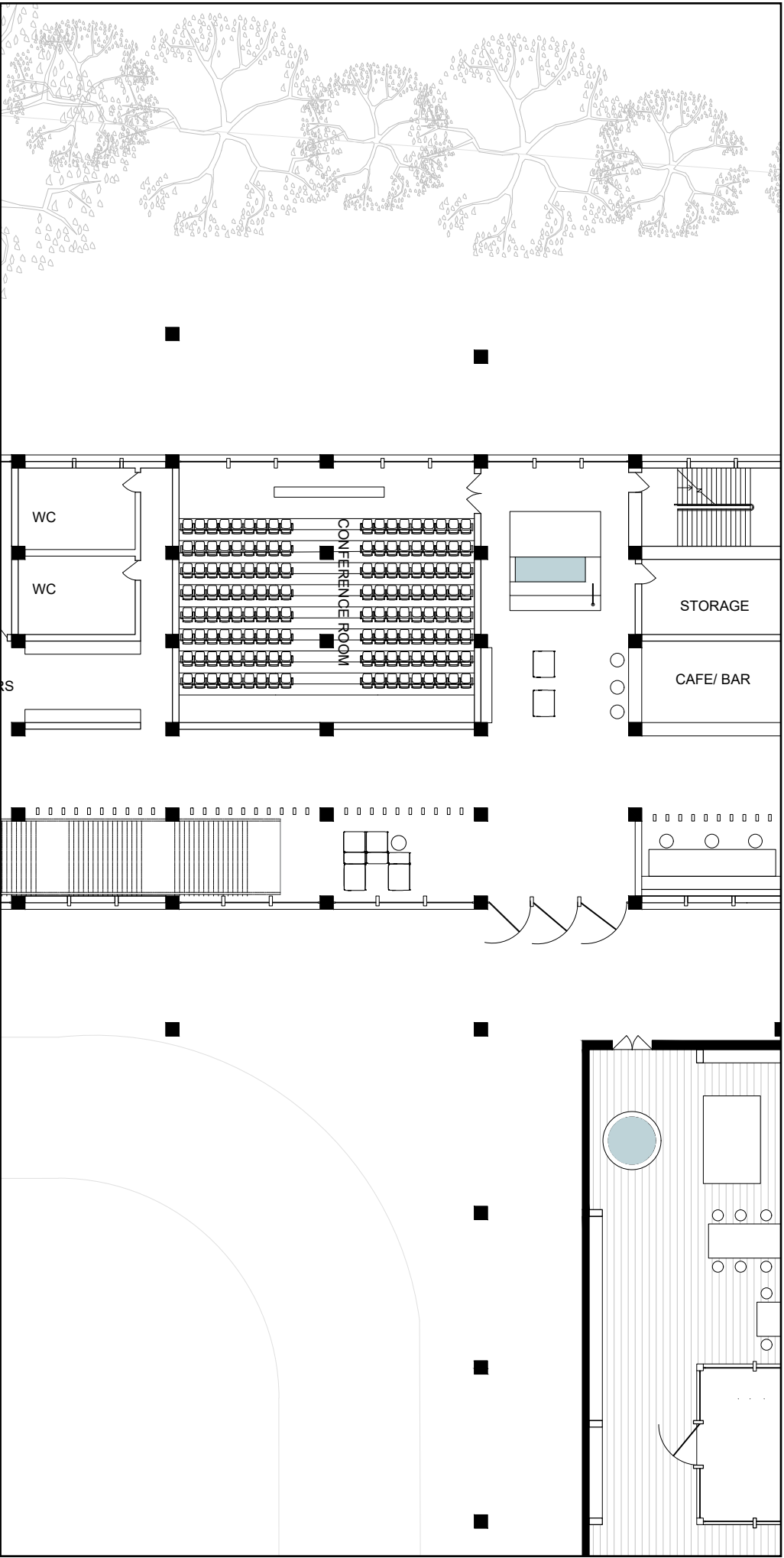


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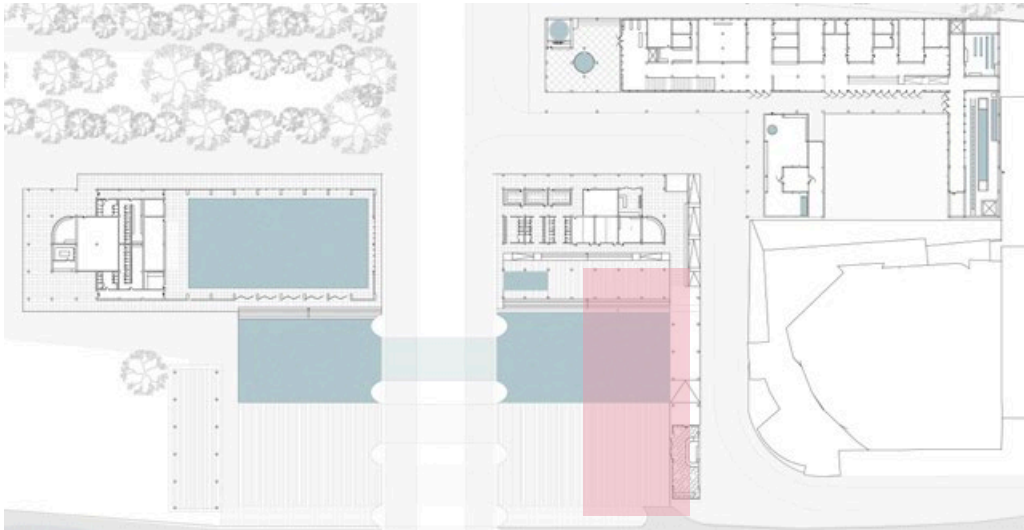


15:00





11:00





11:00

