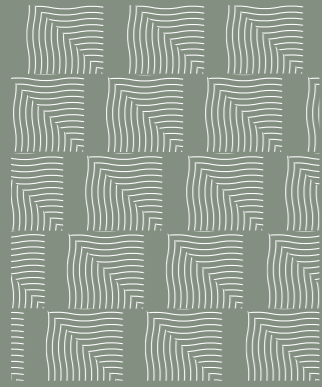




QUAI OUEST  
-  
PRESS KIT  
-  
MAY 2017

Brenac & Gonzalez & Associés



Project : QUAI OUEST  
Program : commercial building renovation  
Surface area : 16,500 m<sup>2</sup>  
Start : 2012  
Delivery : 2016

Client

Emerige

General contractor

Bouygues

Architect

Brenac & Gonzalez & Associés architecture office

Utilities engineering office/Environmental consulting

Artelia

Acoustics

Acoustique & Conseil

BET structure

Artelia

Façade engineering office

VSA

Inspection office

Socotec

Landscape architect

Jean-Michel Rameau

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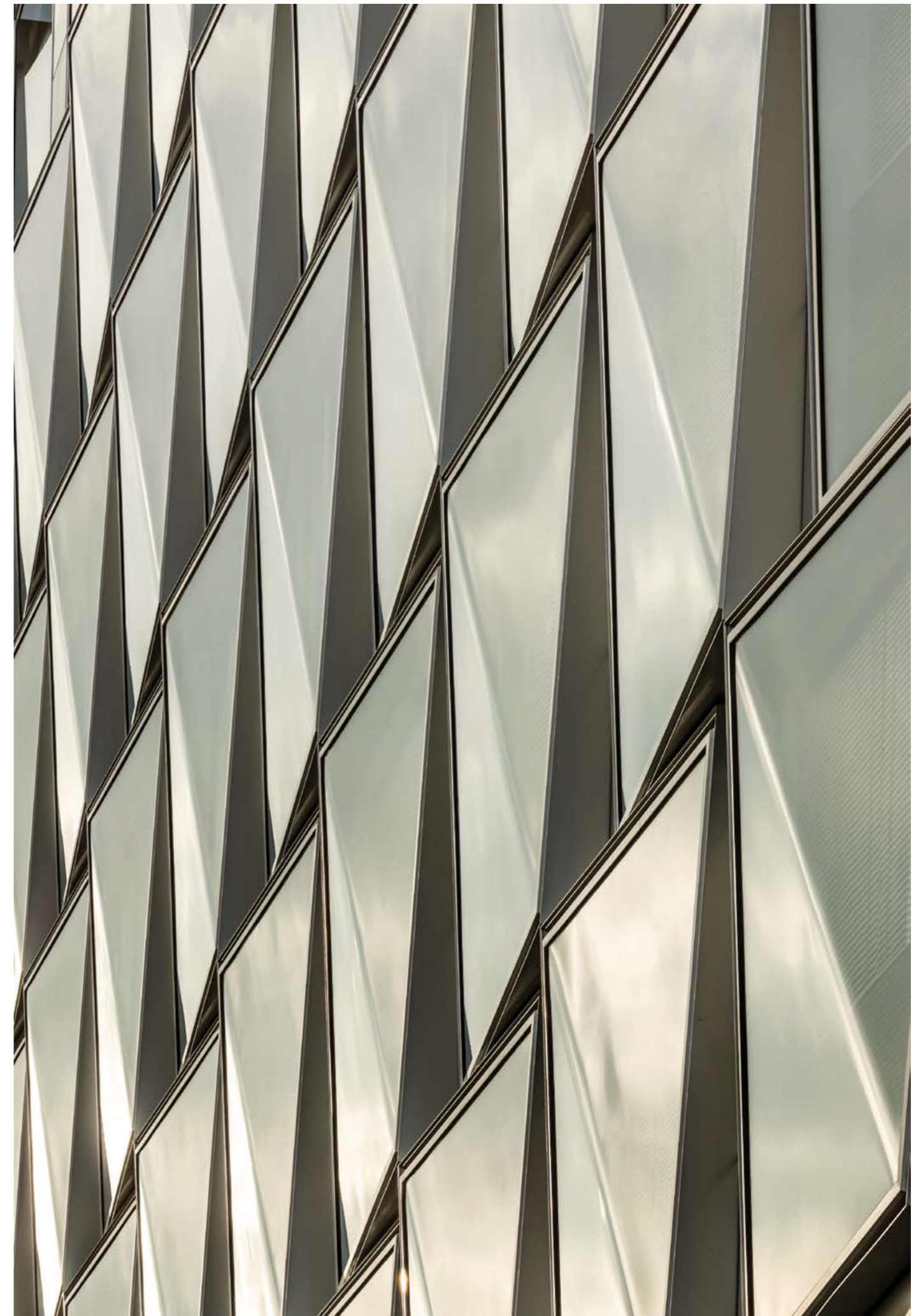
## Visuals

for more visuals and technical documentation :

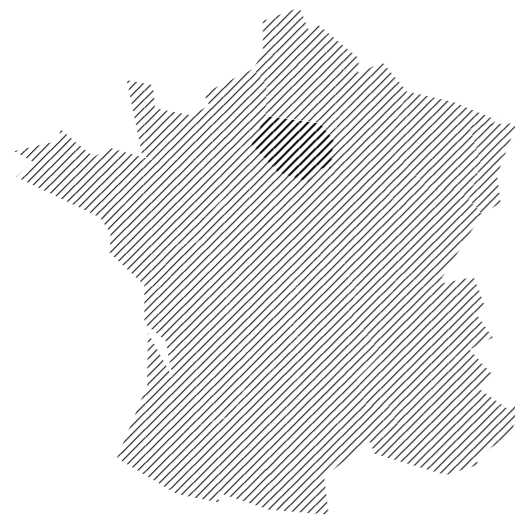
Link : [joomeo.com/Metropolis](http://joomeo.com/Metropolis)  
Username : BRENAC & GONZALEZ  
Password : PRESSE

To download the files :  
[info@metropolis-paris.com](mailto:info@metropolis-paris.com)

Photography credits : Sergio Grazia / Stefan Tuchila







The Quai Ouest building, located in Boulogne-Billancourt, possesses a broadly exposed 150-meter façade. The building has undergone a major restructuring and within this framework, the façades are designed to meet a particular challenge, both in terms of image and in terms of energy savings and the environment.

A rapid analysis revealed a number positive features: a lovely location in the so-called media triangle, facing Canal plus and TF1, both national broadcasting channels, good visibility along the 150 meters of the façade, perfect exposure to the south and the west, a flexible structure in good condition, a good omen for a successful upgrade.

However, the project had to correct a certain number of negative aspects: exposure to noise of street traffic, absence of sun breaks on the highly exposed façades, outmoded architectural image which weakens the presence of the edifice, ambiguous and residual anchoring in the ground penalizing the ground floor.

These observations taken into account, the project for the façade corrects these issues while also taking advantage of the all of the site's potential. It unifies the volumes, enhances transparence and visibility of the lobby and changes the perception of the scale by grouping three frames, or 4.05 m.

With its prismatic façades, the Cristal building creates a specific and recognizable identity which plays on the perception of scale and updates its aesthetic while also improving its environmental performance.

The result is an elegant and precious image, like a crystalline jewel, shimmering in the sun.





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The building, dating from the early 1990s no longer met international commercial standards. The client had envisaged a heavy restructuring of the general functioning of the building to remedy its obsolescence, to adapt it to new environmental standards and to give it a new architectural identity.

After a structural diagnosis and surveys on the manufacturing method used on the façades, a new functional and spatial organization was planned, with a new façade system based on a ventilated double skin of glass on the interior upon which the sun-breaks would be affixed.



Cross-section details

A – Ventilated box

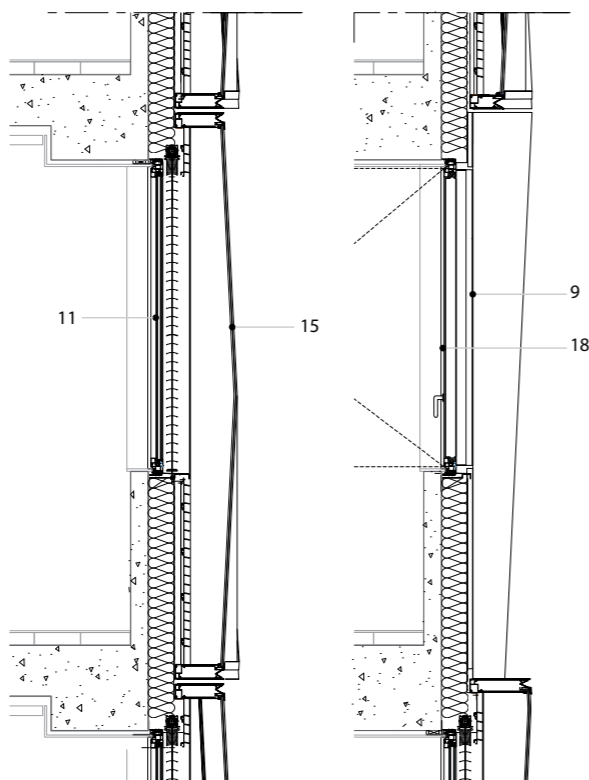
11 – hinged maintenance panel

15 – ventilated box

B – Hinged frame

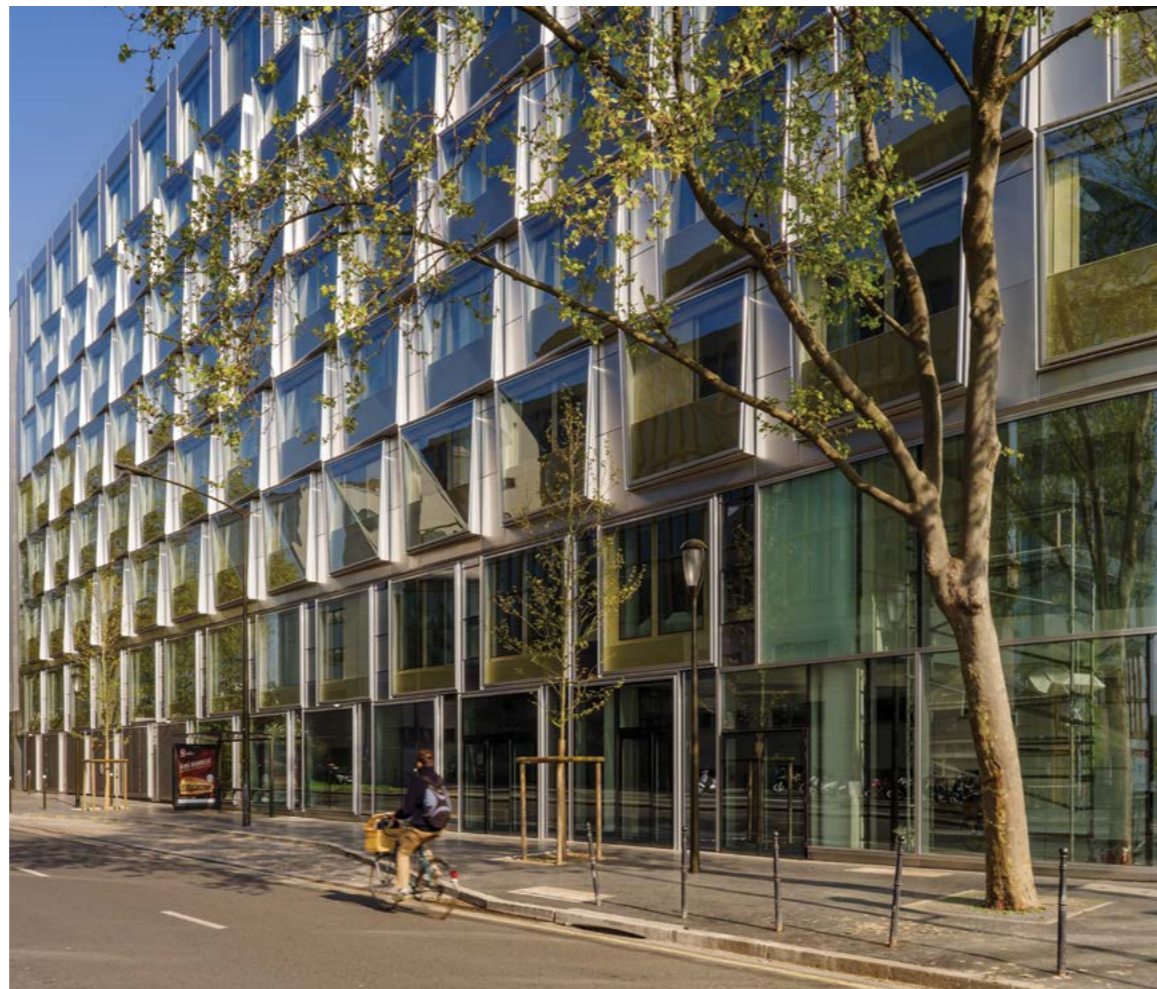
9 - anodized polished aluminum cassette cladding

18 – hinged frame



The proximity of the river oriented the project toward a changing and shimmering façade. To produce this effect, the glass panels were folded diagonally, thereby creating two triangles separated by a raised edge, the first reflecting the sky and the second reflecting the endless movements in the cityscape.

This prismatic covering with moving and crystalline reflections plays on the perception, scale, accumulation and transparency; through the quality of its materials and the preciousness of its implementation, a powerful new identity will now accompany this second life of the edifice.







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On the garden side, in the heart of the block, wood has replaced aluminum, with blinds in colored canvas being replaced by aluminum strip blinds. From a technical point of view, the solutions proposed have provided better performance than the initial project concept, as the materials used being more resistant to shocks and the wind.

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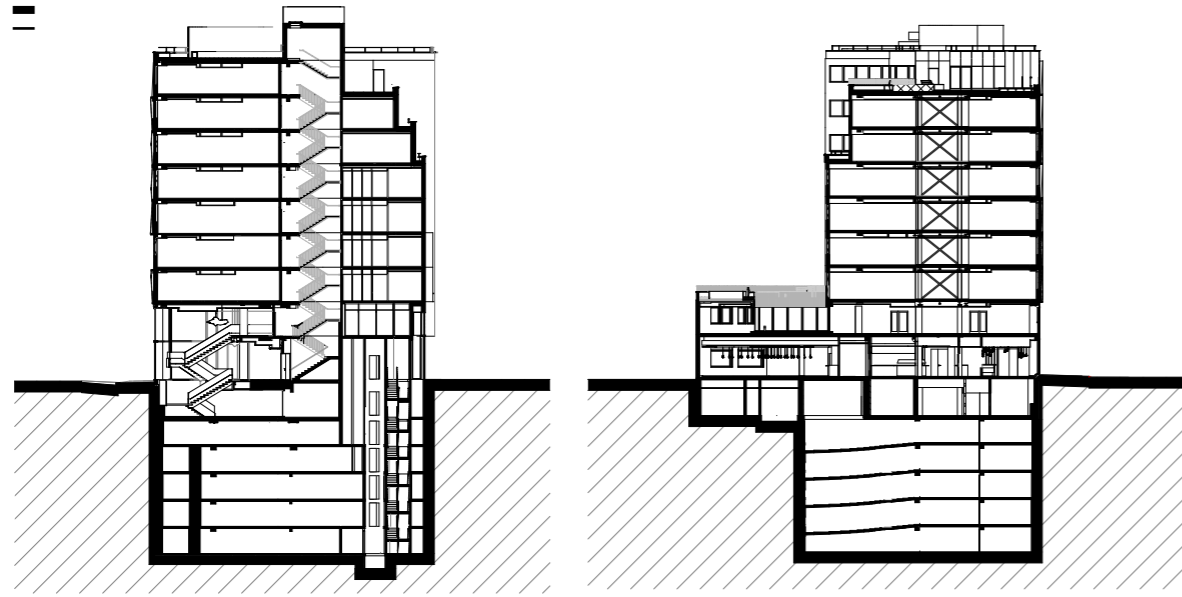
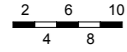


TECHNICAL  
DOCUMENTATION

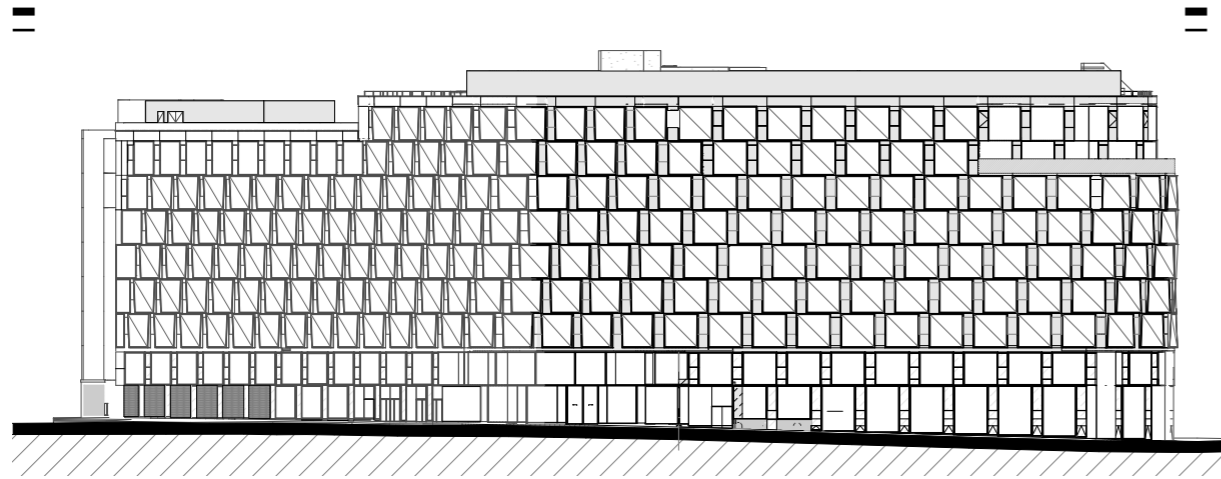
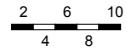
PLANS  
SECTIONS  
ELEVATIONS

Section AA  
Section BB

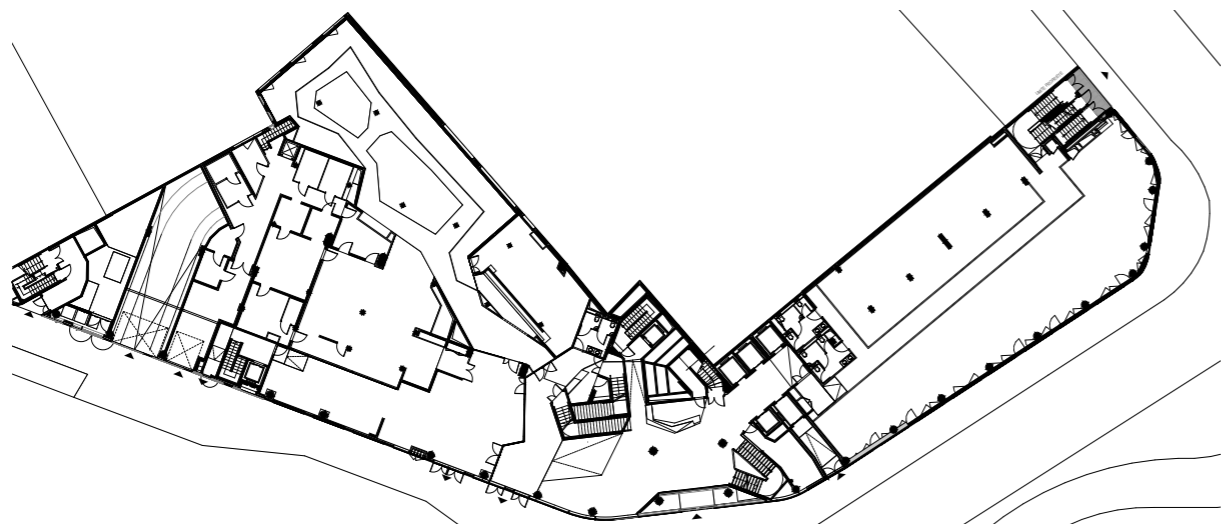
Scale



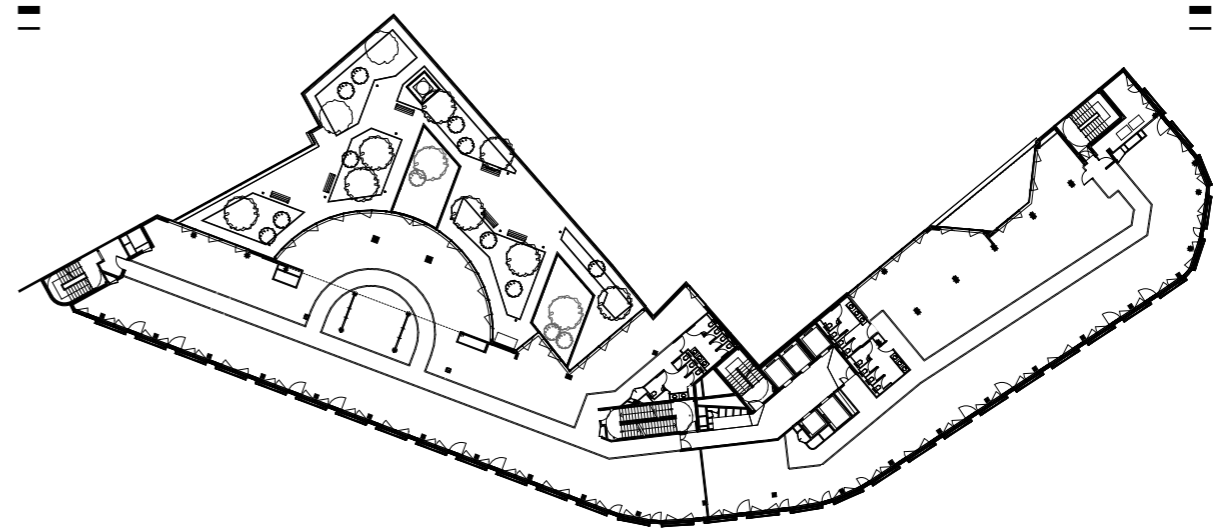
South West  
facade



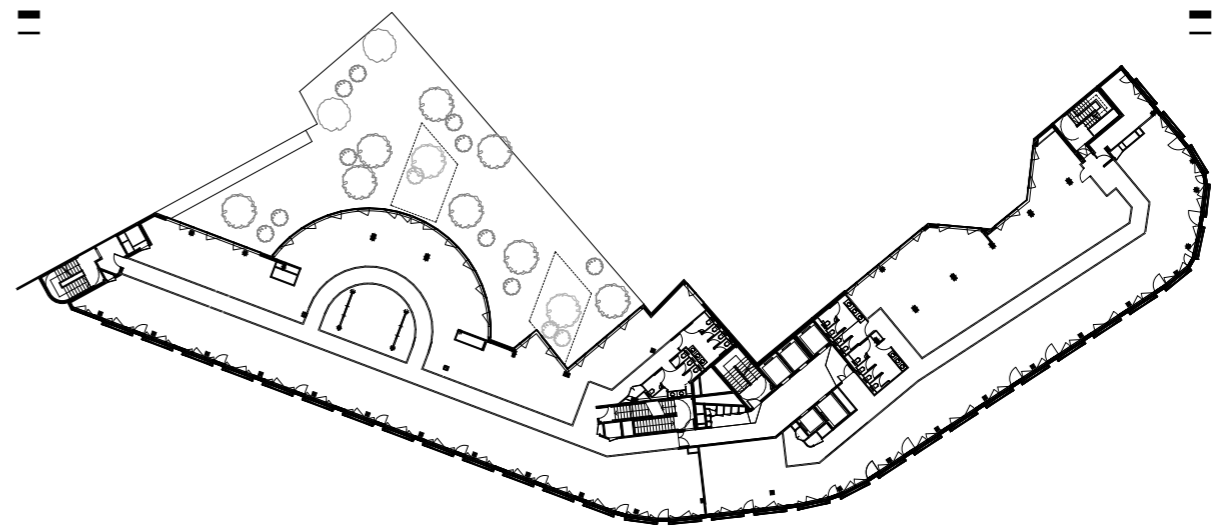
Ground floor  
plan



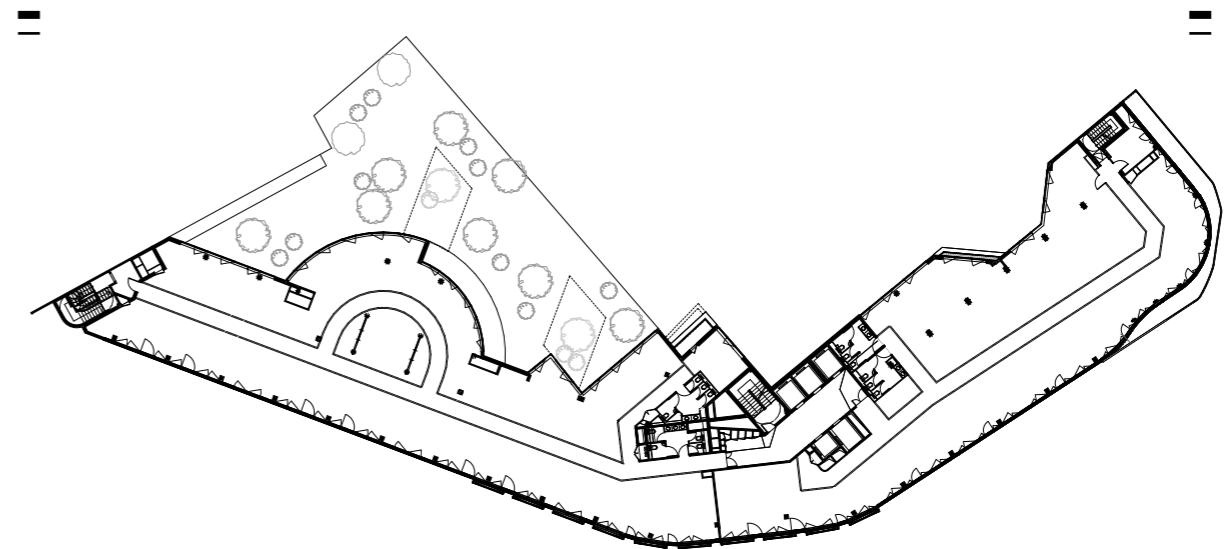
Level 2 plan



Levels  
3, 4, 5, 6 plans



Level 7 plan





Brenac  
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