

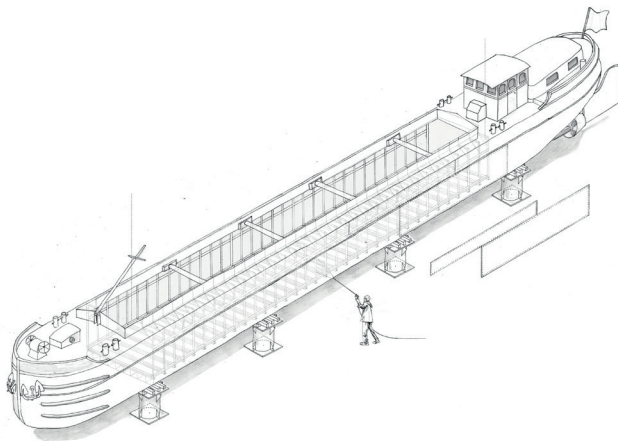
PORTFOLIO

Rémi Robin



Etching on zinc, ENSA Paris Belleville, 2021

TABLE OF CONTENTS



I_Curriculum Vitae	<i>p.3</i>
II_Projects:	
Professional projects	<i>p.4</i>
Final degree project: B. Jullien, F. Fromonot: Prospective Heritages	<i>p.6</i>
Internship: Lacaton et Vassal architectes, Paris	<i>p.14</i>
Project: J. Aparicio, Market in Makoko, Nigeria	<i>p.18</i>
III_ Model making	<i>p.20</i>
IV_ Construction sites	<i>p.22</i>
V_ Drawings	<i>p.24</i>
VI_ Bibliography	<i>p.27</i>

I_CURRICULUM VITAE



Rémi Robin, HMONP Architect
28 mai 1997 - 0695093562
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Skills:

Software:

Autocad	****
VectorWorks	****
SketchUp	*****
Rhinoceros	****
Grasshopper	***
Revit	**
Photoshop	****
Illustrator	****
InDesign	****

Languages:

French	Native
English	C2/Fluent
Spanish	C1/Fluent
Italian	B2/Mid-level

2025 State accreditation to independently practice architecture (HMONP),

Dissertation: "Diagnostics as a strategic lever for the rehabilitation of social housing"- Supervisor: P. Doucerain

2024 Professional experience, Philippe Roux Architectes Associés (1 year):

- Participation in the DIAG and APS phases of a rehabilitation project for 324 HBM dwellings in Paris.
- Participation in competitions for the rehabilitation of social housing in Romainville and in Paris 19th arrondissement.
- Preparation of a PRO-DCE package for the rehabilitation of 5 social housing units in Paris 11th arrondissement.
- Follow-up of a rehabilitation project for two workshops in Paris 12th arrondissement, from sketch design (ESQ) to contract award (ACT).

Professional experience, Ateliers Mathieu Laporte (8 months):

- Preparation of building permit applications for housing projects in Cergy, Ivry-sur-Seine, and for a drug addiction care center in Paris 18th arrondissement.
- Production of graphic documents, perspective images, 3D models, and physical models.

Professional experience, Dadour De Pous Architects (2 months):

- Production of perspectives for a competition for the construction of housing and the rehabilitation of an industrial hall in Floirac.
- Drawing and design work for the renovation/extension of an apartment in Paris.

2023 State diploma in architecture: Awarded the Maison de l'architecture Île-de-France diploma prize:

-Final degree project (1 semester): "At the confluence of the Loing and the Seine. Waterways serving the territory", Studio "Prospective Heritage", B. Jullien, F. Fromonot, E. Robin

2022 -Research dissertation: "The renovation of social

housing against the ideals of modern comfort", Seminar "Architecture Environment Construction", supervisors R. Morelli and C. Simonin.

2020 Master's studies at ENSA Paris-Belleville

In parallel, worked as a library monitor at the school media library (1 year).

2019 Gap year:

-Internship at Lacaton & Vassal Architectes (8 months):

- Team working on a competitive dialogue for the enhancement of the spaces under the slab in the La Défense district.
- Integration into a second team for a competition on housing and office programs in Zurich, built as vertical extensions on existing buildings

-Internship at Dadour De Pous Architecture:

- Work on two projects: a third place in rural Auvergne, and a theatre with a house extension in Montreuil (3 months).

-MOOC: Building with rammed earth (Massive open online course)

2018 Bachelor's degree and Erasmus exchange at ETSA Madrid (2 semesters).

Internship at B. Architecture, Paris (1 month)

Site supervision for offices and retail (La Samaritaine)

Internship within the Wikibuilding School Program, ENSA Grenoble (2 weeks).

2017 First and second year of architecture degree at ENSA Grenoble

Treasurer of the student cultural association Tréto at ENSA Grenoble.

2015 Scientific Baccalauréat (high school diploma), with highest honors

II_PROJECTS

Ateliers Mathieu Laporte — Construction of 69 Social Housing Units in Cergy (95)

Production of perspective drawings for the construction of new housing and for the presentation of the project to the Cergy-Pontoise municipality.

The project is divided into three building volumes that organize the different housing typologies, either single-storey or duplex. The façades are rhythmically composed through an alternation of solid and void, with the structural grid revealed by the presence of loggias. The double-height entrance hall and the ground floor are clad in polycarbonate panels fixed to an aluminium structure.



Production of perspective drawings for a housing project in Sceaux (92).

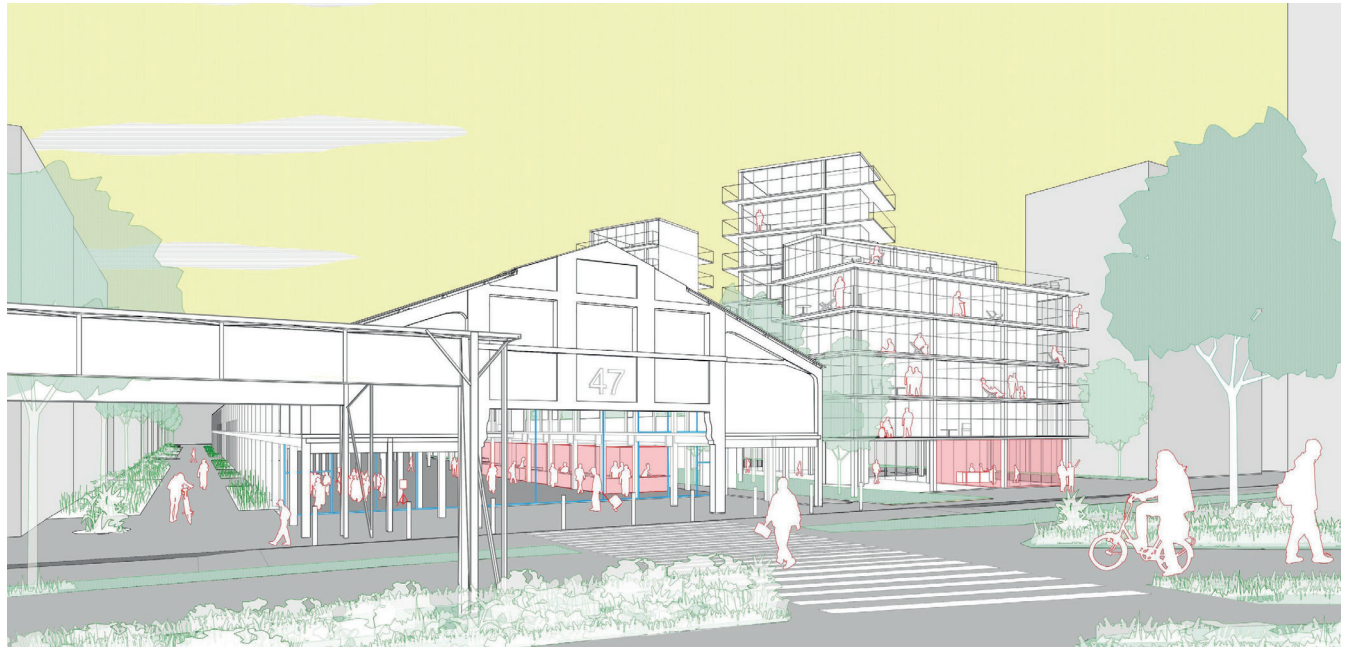


**Dadour De Pous Architectes — Housing
Construction and Rehabilitation of an Industrial
Hall in Floirac (33),**

Production of perspective images for a competition involving the construction of new housing and the transformation of an industrial hall into a commercial hall.

The project is part of a larger urban development within a ZAC (urban development zone). The images produced helped situate and adapt the design of the public space and its relationship with the private spaces of the halls and the central aisle of the commercial hall.

The perspectives also made it possible to project the various activities—retail, exhibition, and public uses—within the new hall.



Semester 10 - Final Degree Project: Prospective Heritages

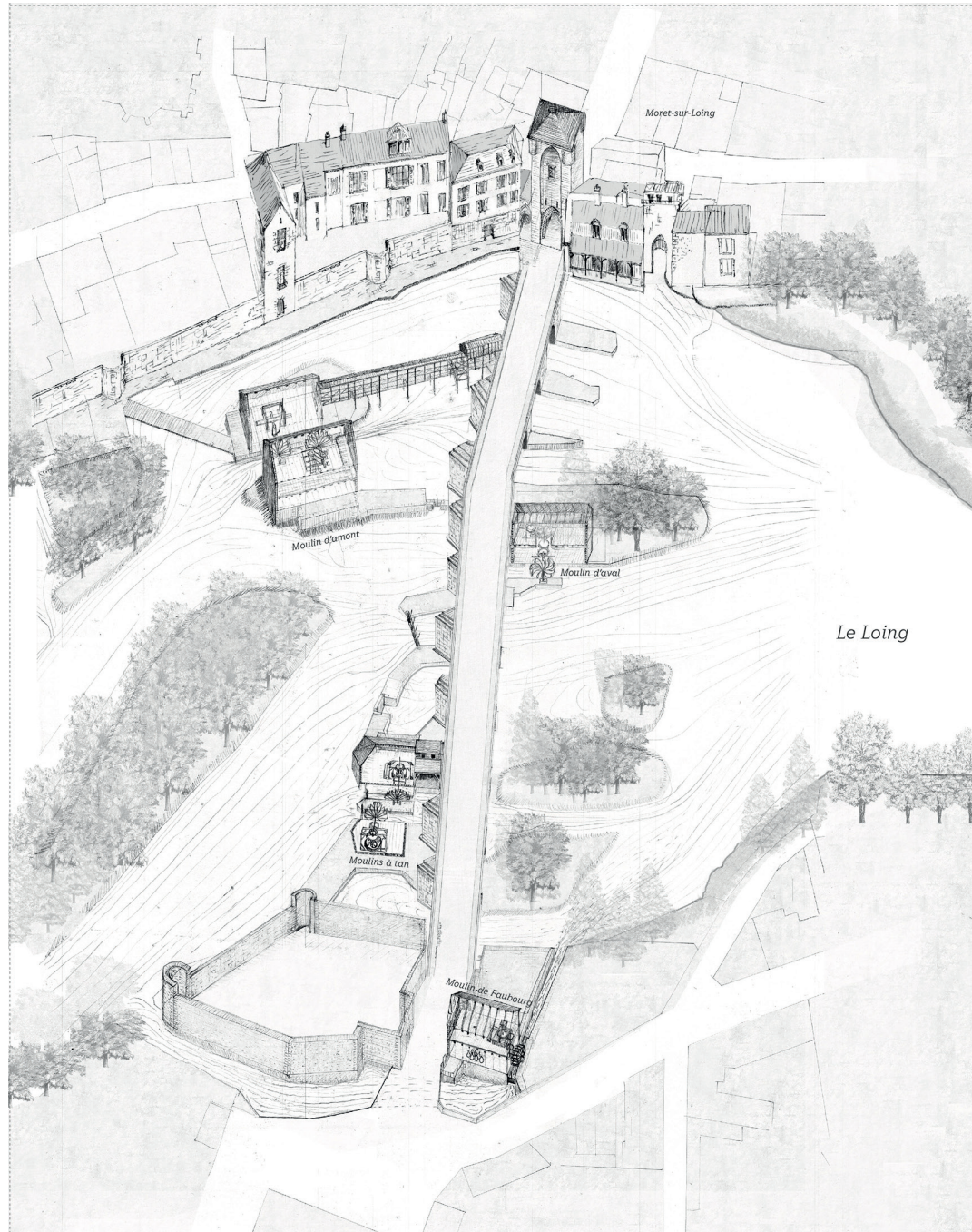
Studio B. Jullien, F. Fromonot, E. Robin

Group work with Pablo Castro, Paul Chappatte, Sven Poinset

Cadavre Exquis: By cataloguing the traces left at the confluence of the Seine and the Loing by past and present fluvial activities, we created a portrait of the freight system. We sought to move away from traditional cartographic representations - plan views and river maps - to instead depict the system as we experienced it on this fringe of the territory.

This large fresco recomposes typical situations through eight tableaux illustrating the functioning of inland navigation at the confluence of the Loing and the Seine.

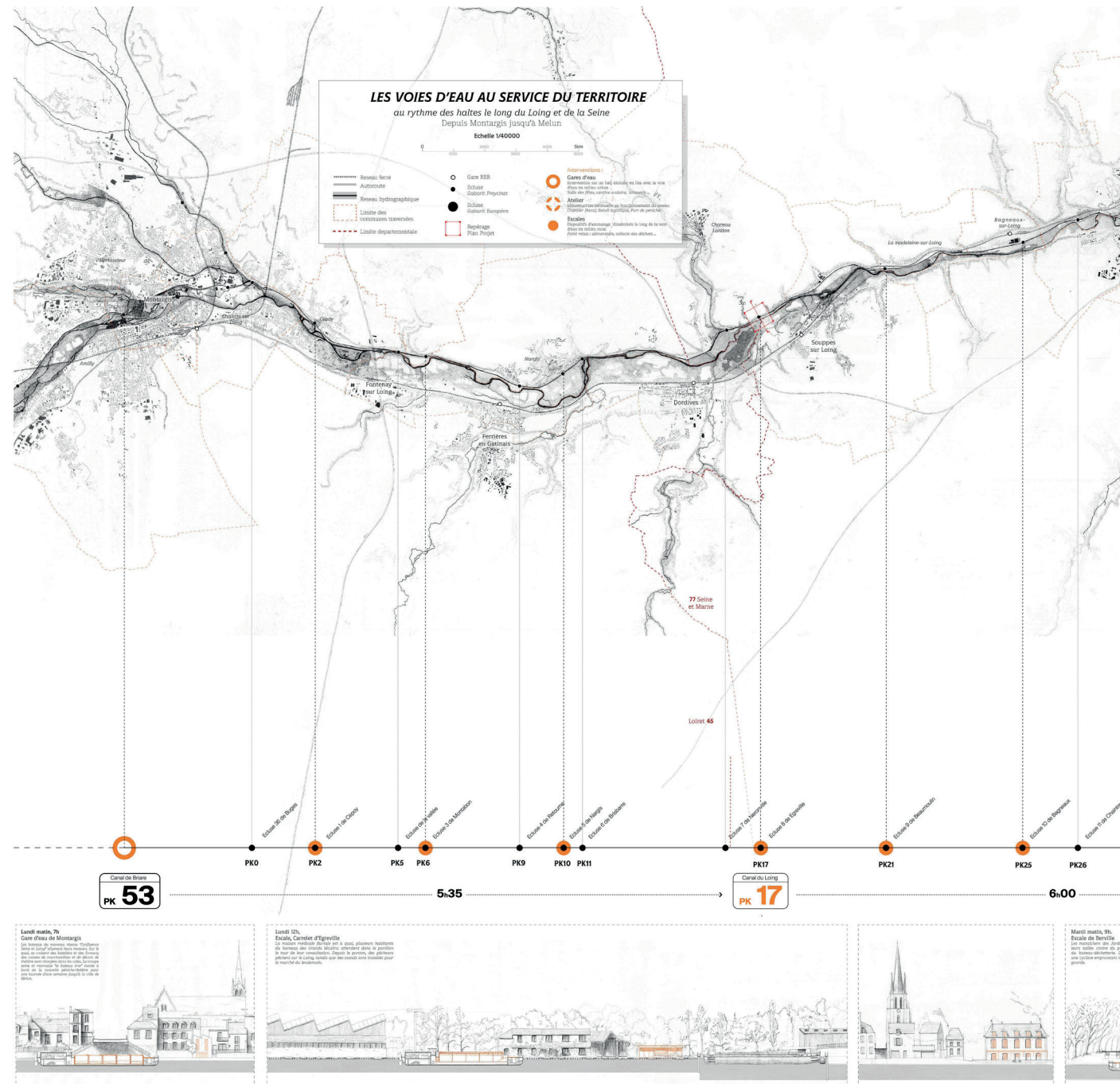
By juxtaposing the different components of the freight system - both in their landscape and logistical dimensions - we question the future of waterways and their role in shaping the territory.



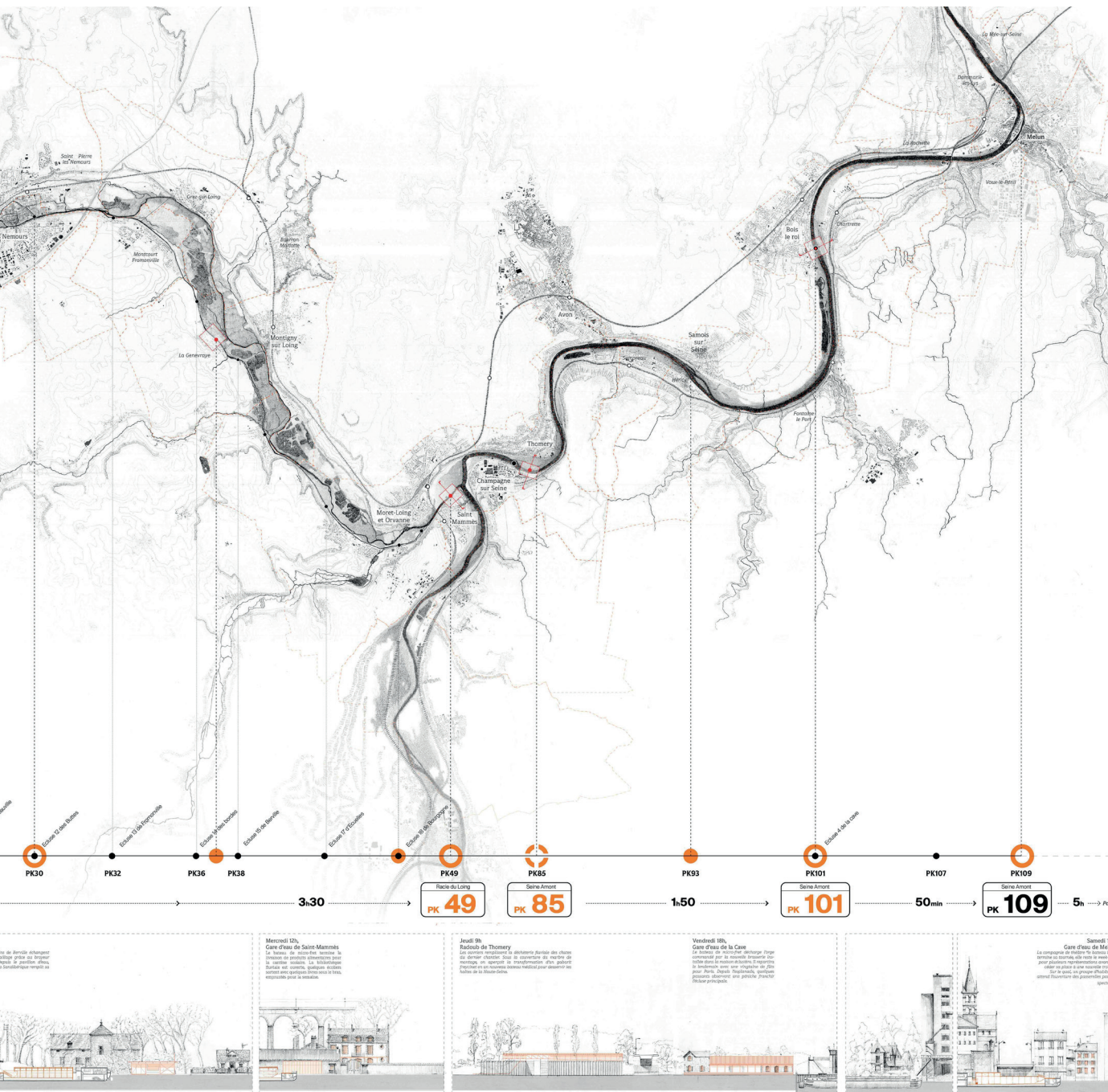
Piece extracted from the cadavre exquis (next page): The historical river management of the Loing, for its navigation and industrial use.

Network Mapping:

The study area for the development of this new fluvial public service corresponds to the linear stretch of the Loing Canal (50 km) and its connection to the Seine from Saint-Mammès to Melun (30 km). Studying the network at this scale allows for coherent travel times and creates complementarities between the services offered to the surrounding municipalities.



Mapping of the new projected network: Connection of riverside localities to navigable infrastructures.



For these mobile services to interact with the riverbanks, they require logistical and social interfaces.

The banks are often poorly equipped, with limited dialogue between the waterways and the neighbouring towns. This led us to define new interfaces between inhabitants and the canal: haltes, conceived as public spaces adapting the territory to new fluvial practices.

Inspired by 18th-century models used to build lock-keepers' houses, these haltes punctuate the canal and the Seine with a recognizable architectural identity, symbolizing the coherence of the new network.

While based on an invariant constructive model, each site adapts the structure according to its scale and specific uses, "deforming the model" to respond to local morphologies.

Like cartographers, we explored ways to represent the global exchange system into which our study territory is integrated. The map deforms according to the time required to transport a cargo of barley harvested in the Gâtinais and Brie plains to its possible destinations.

The Seine—through its dimensions, proximity to cereal production areas, and access to export ports—makes the transport of large quantities of resources possible and becomes a privileged axis for fluvial freight.

SEQUANA MUNDI

Intégration du territoire de la Seine Amont dans les échanges mondialisés de céréales

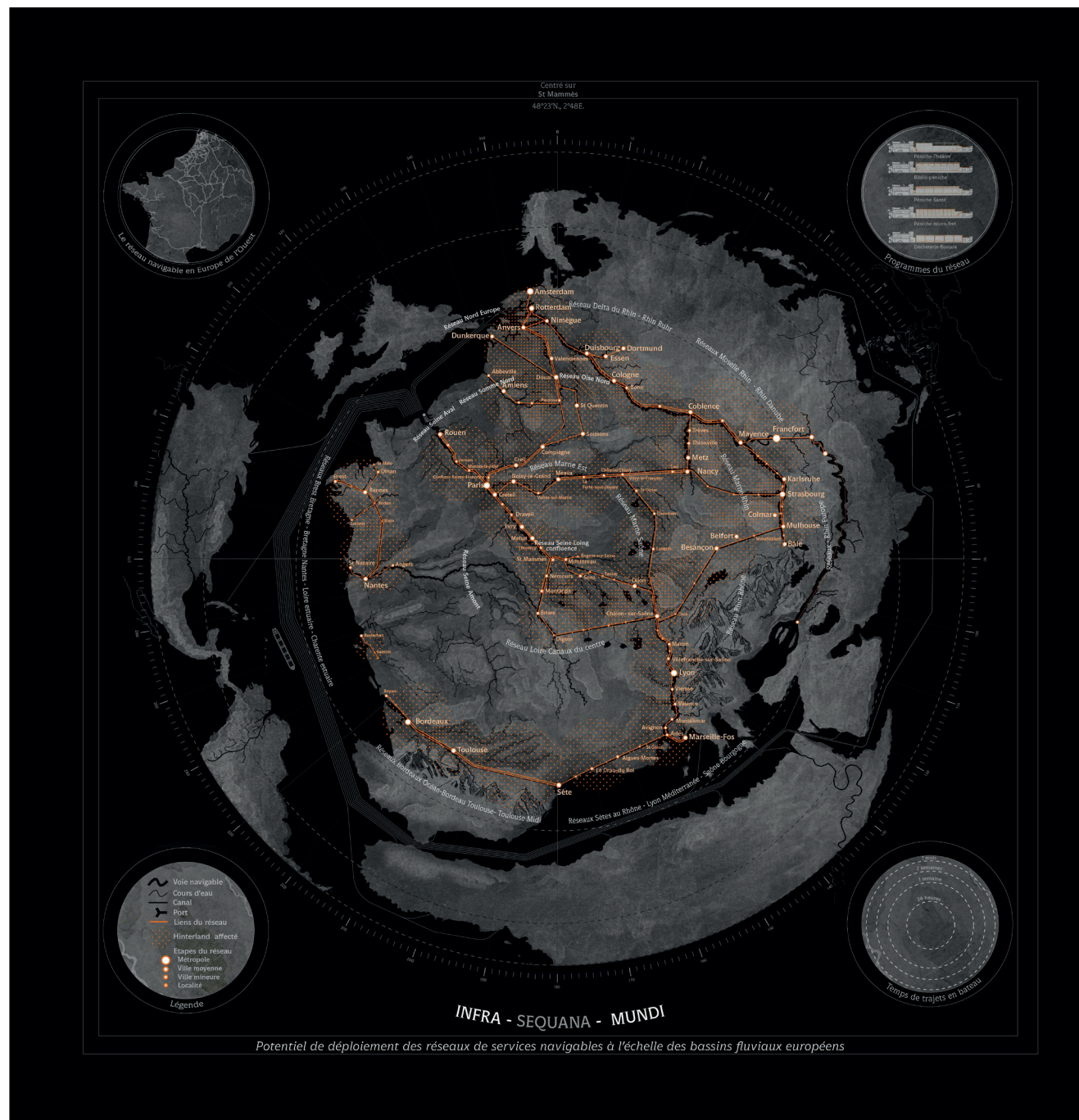
INFRA MUNDI / The Reverse Side

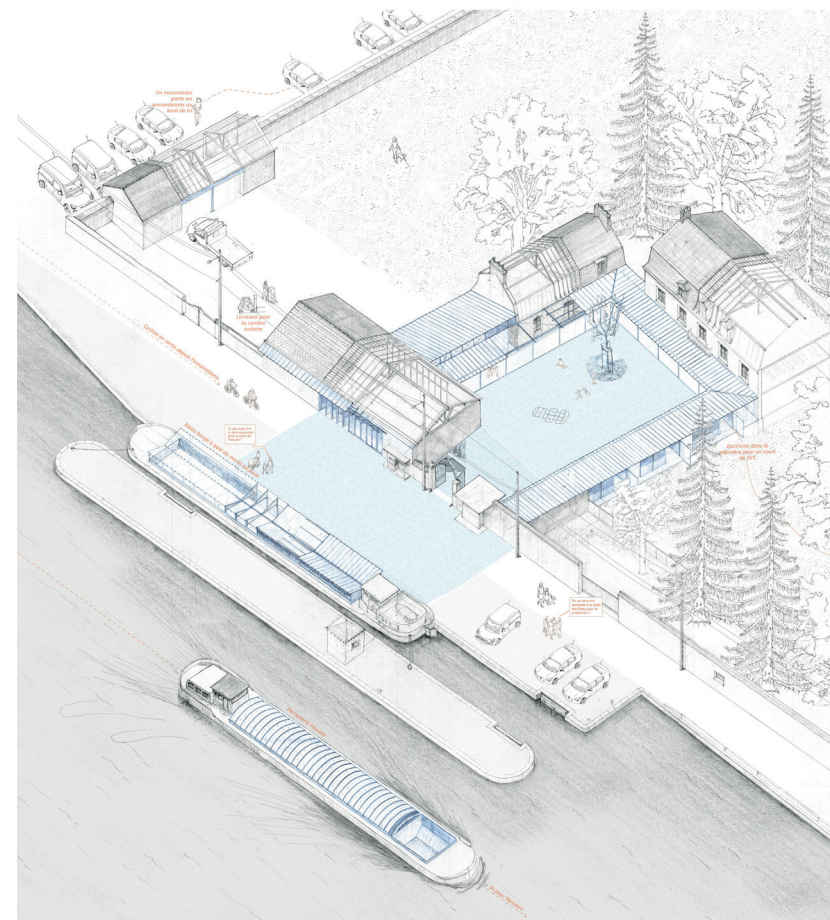
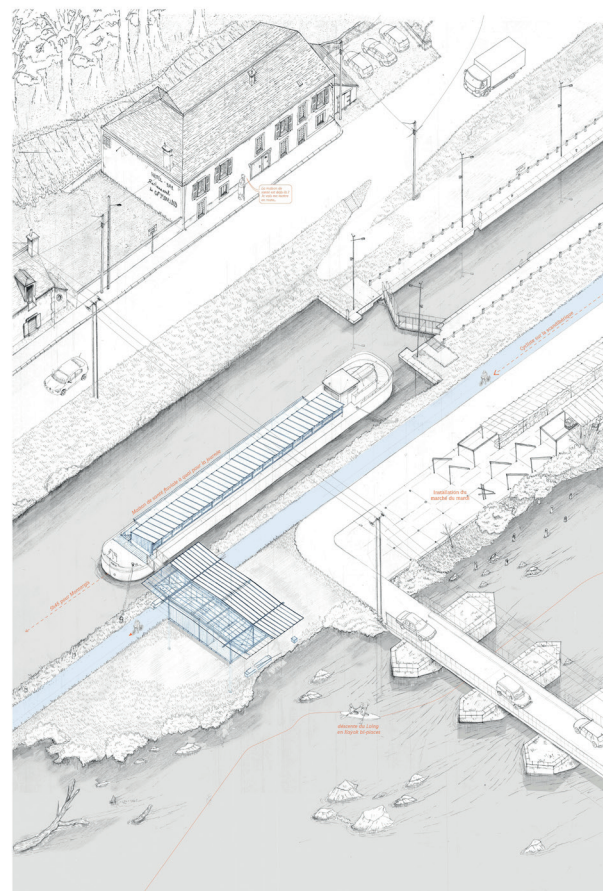
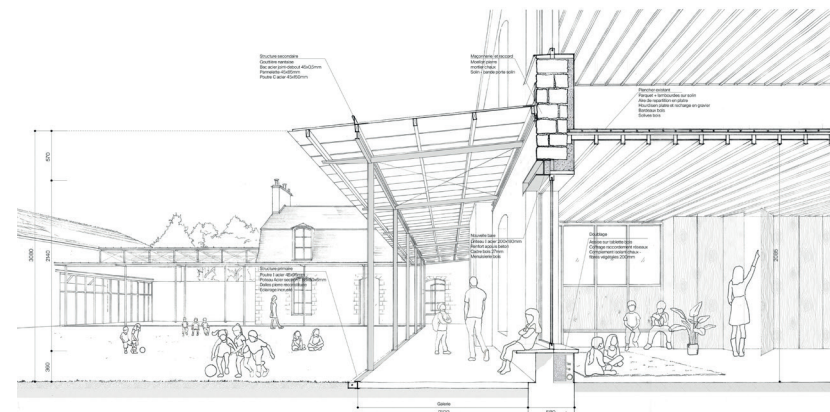
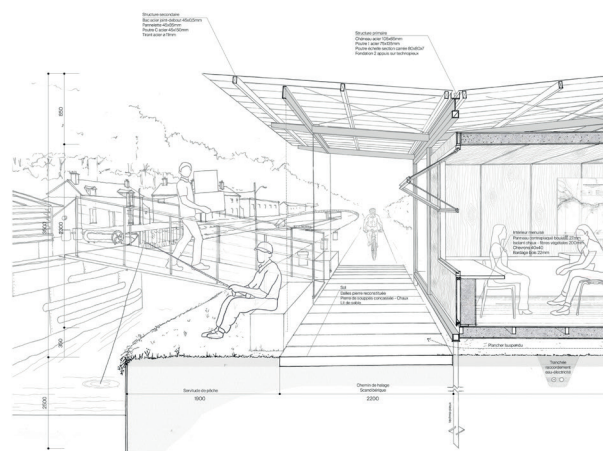
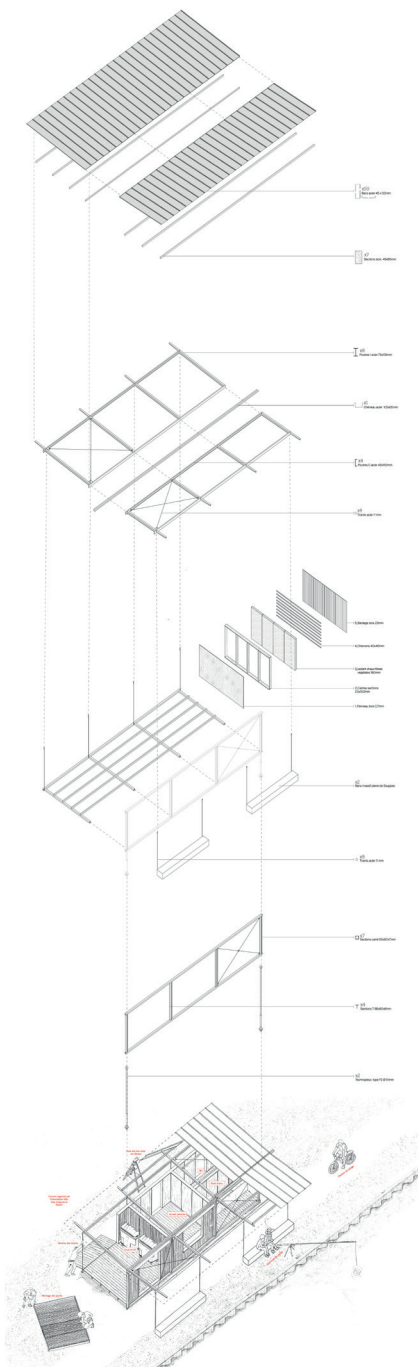
This map represents the “negative” of the first one. It shows the potential deployment of public service networks at the scale of European waterways, made possible by the systematic reuse of the Freycinet gauge and its adapted infrastructures.

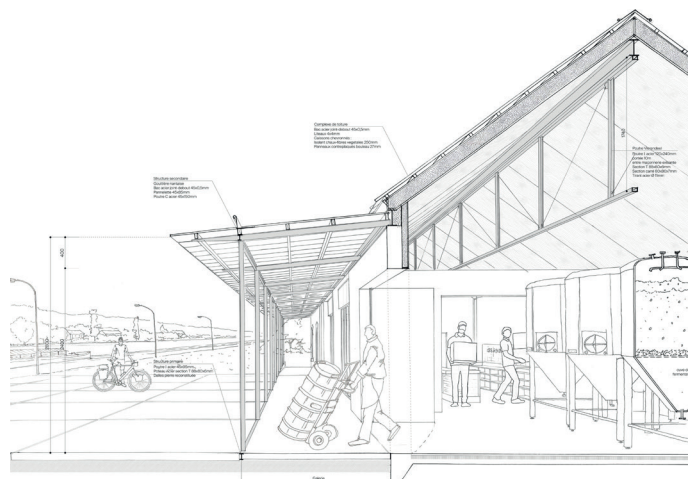
By duplicating itself, the network branches out and overlays a multitude of localities, irrigating territories in depth thanks to the finer mesh of the Freycinet network.

This approach brings marginalised territorial fringes back to the centre of an alternative exchange system, relying on a new governance model - one that follows the rhythm of water and the scale of navigable routes.

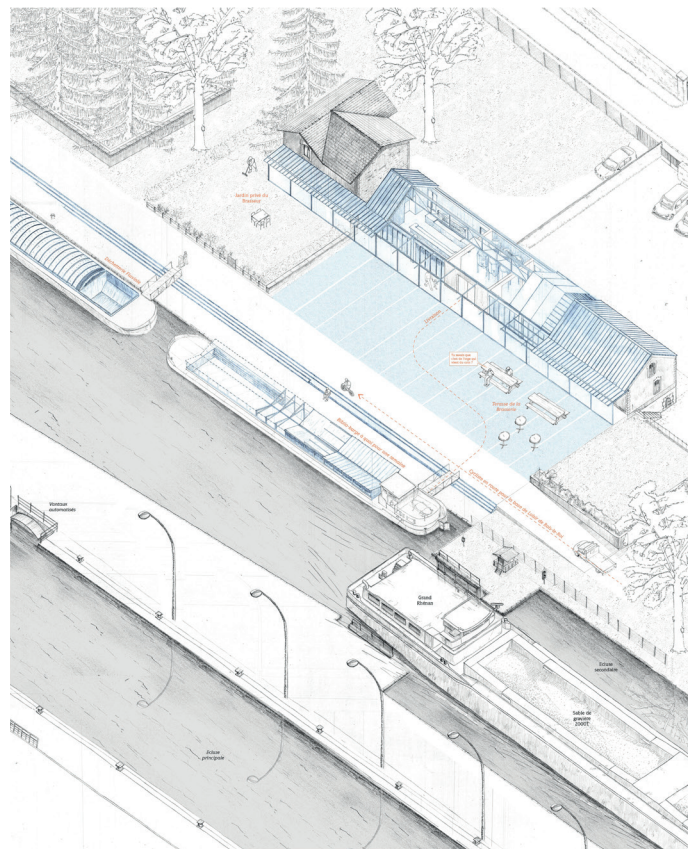
Infra mundi: Response, or how the project could transform territories and the freight system on a European scale.







From left to right: project boards of the minimal model type unfolding along the stages of the network, located using the kilometer markers.



Maaglive, Zurich — Lacaton & Vassal

This project consists of adding new volumes above an already inhabited urban block. The goal is to avoid demolishing the existing buildings while providing the additional programs required by the competition.

The extension is composed of:

- a bar of minimal student housing,
- a mixed-use tower with offices on the lower floors and larger apartments above.

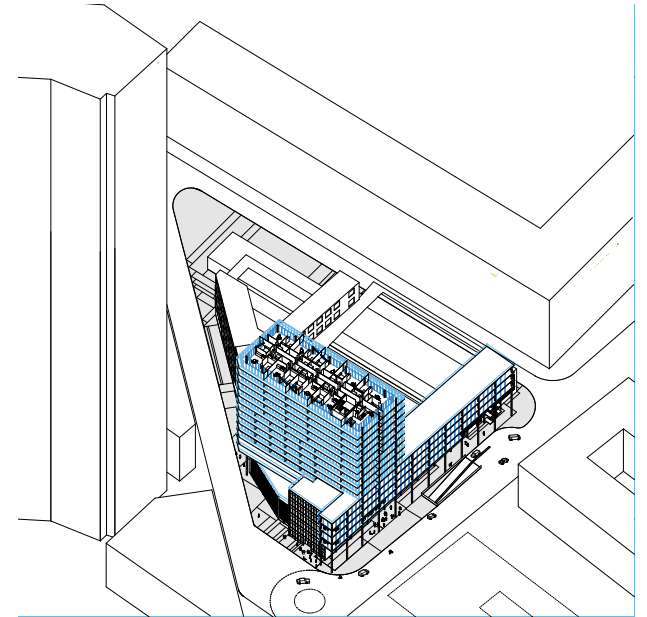
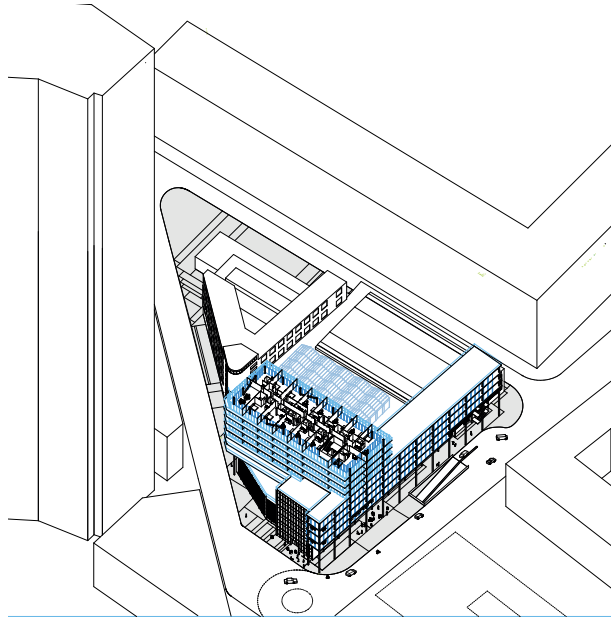
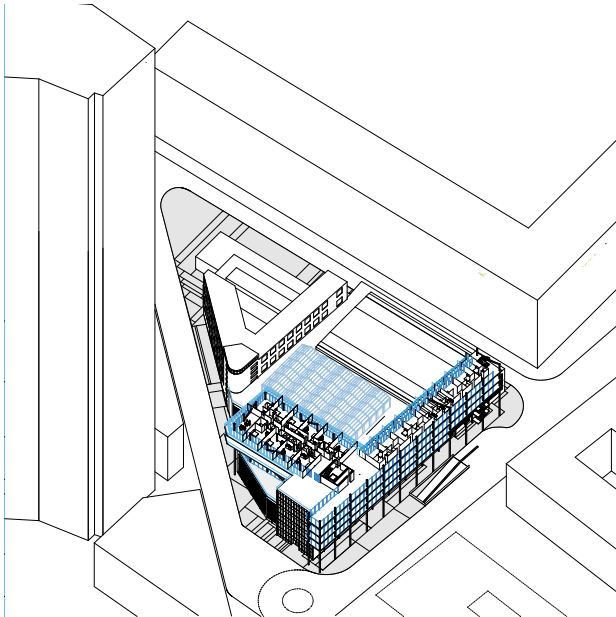
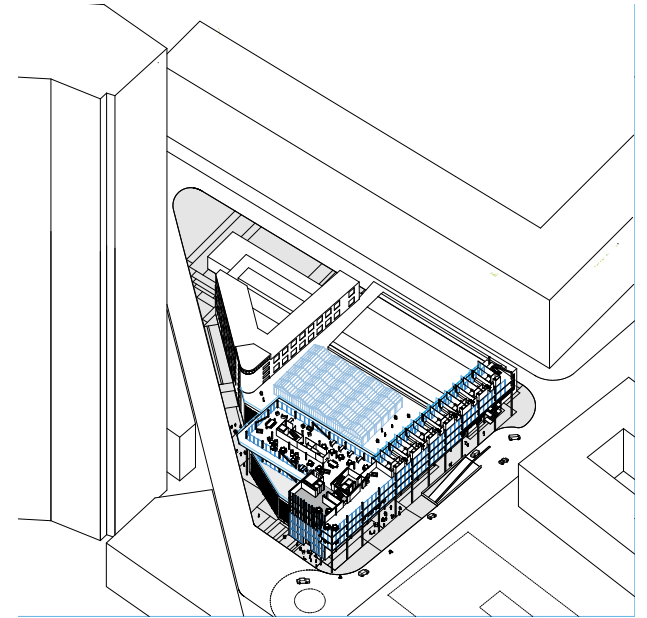
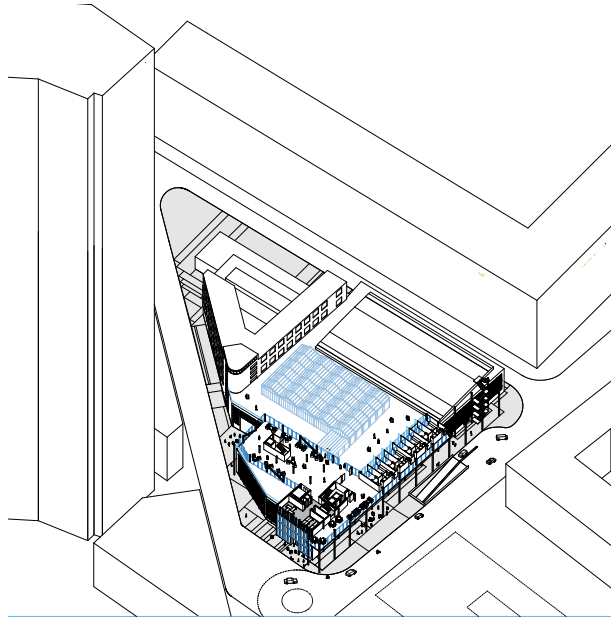
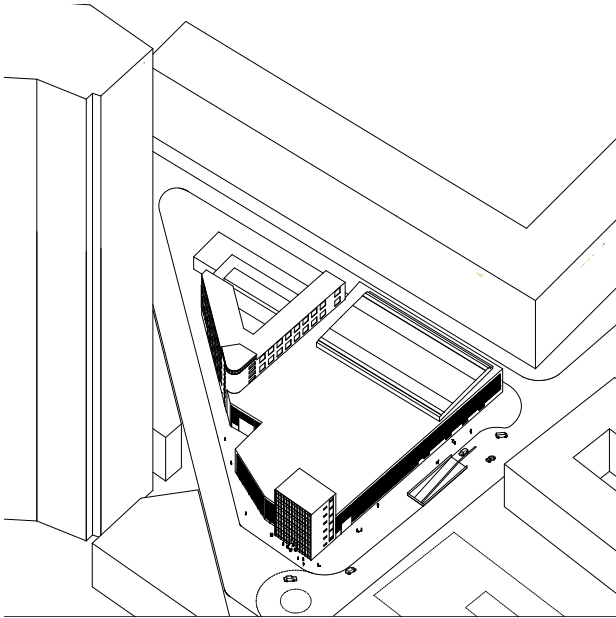
Building on the existing structures allows the roofs to be used for greenhouses and gardens, both on the original buildings and on the extension.

The dwellings include winter gardens acting as thermal buffers, providing additional space—particularly valuable for compact student units.

The structure rests on the existing buildings through concrete columns extending the original pillars. The vertical circulation core contributes to the bracing of the structure through concrete shear walls adjacent to the tower marking the building's entrance.



Axonometric view of renovation level 0, corresponding to the base organizing interior reception areas and exterior spaces for rest, leisure, or ornamentation.



Axonometric view from the base up to the 13th floor of the tower, showing the addition of the housing slab and the mixed-use residential and office tower onto the existing structure.

La Défense - Sub-slab Volumes, Lacaton & Vassal, Dadour De Pous

The competition aimed to propose new uses for the vast underground volumes beneath the slab of La Défense.

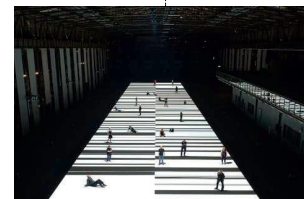
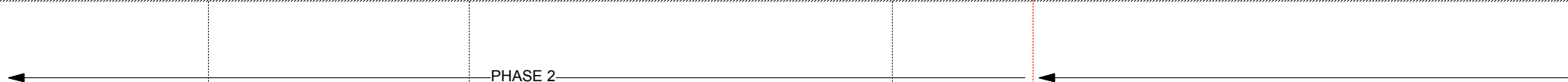
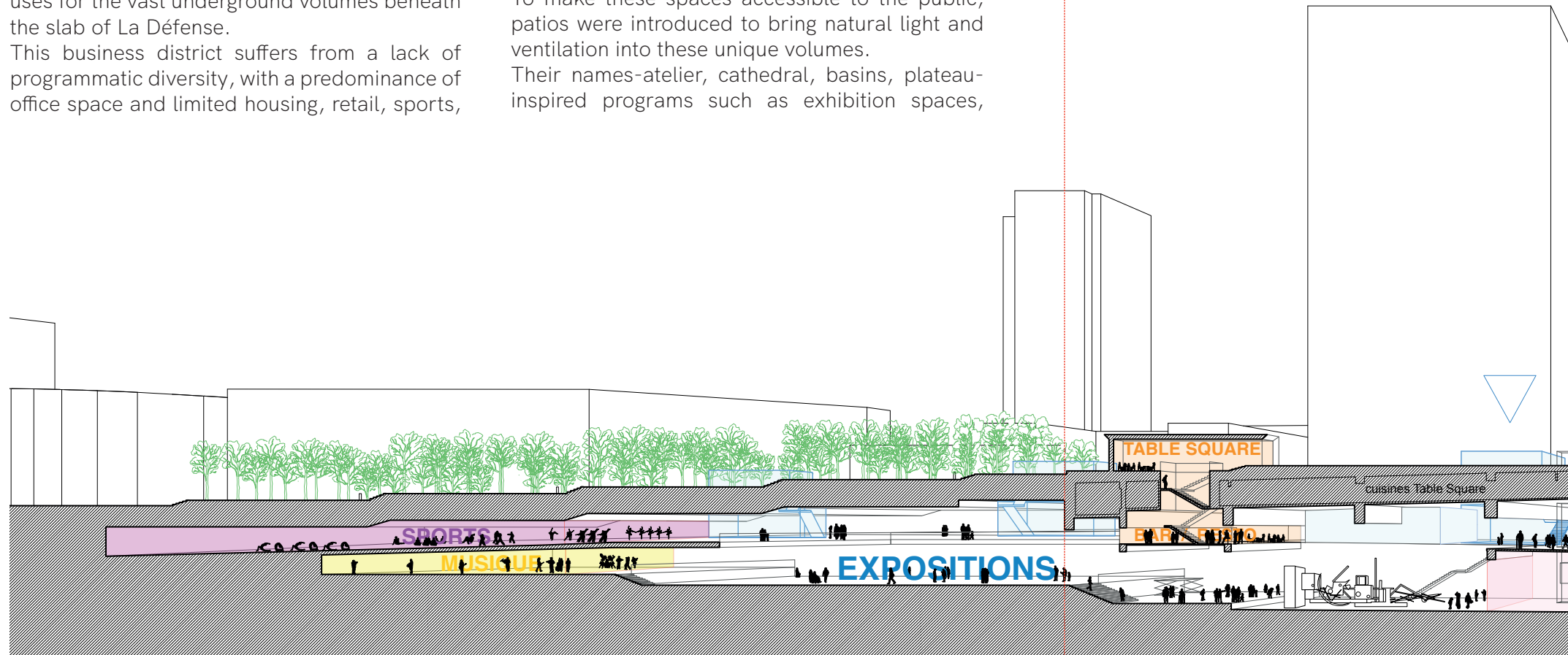
This business district suffers from a lack of programmatic diversity, with a predominance of office space and limited housing, retail, sports,

or cultural facilities.

These residual spaces result from the intersection of the slab with the flows of the RER, metro, and highways.

To make these spaces accessible to the public, patios were introduced to bring natural light and ventilation into these unique volumes.

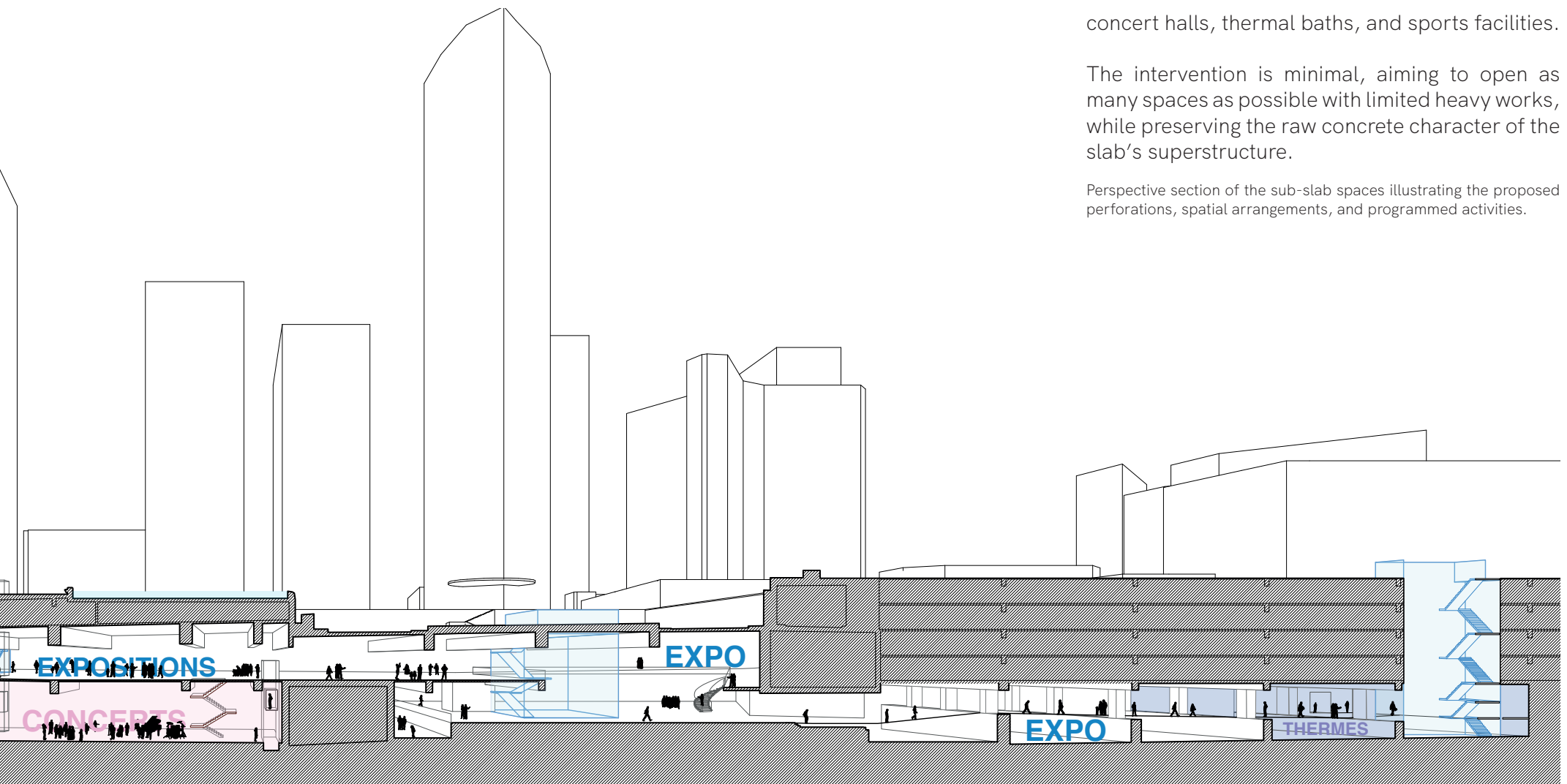
Their names-atelier, cathedral, basins, plateau-inspired programs such as exhibition spaces,



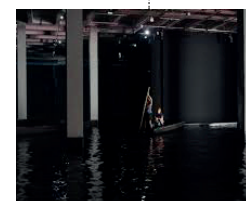
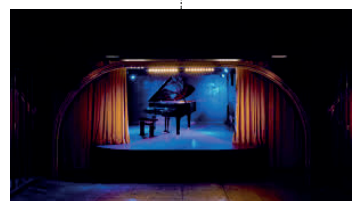
concert halls, thermal baths, and sports facilities.

The intervention is minimal, aiming to open as many spaces as possible with limited heavy works, while preserving the raw concrete character of the slab's superstructure.

Perspective section of the sub-slab spaces illustrating the proposed perforations, spatial arrangements, and programmed activities.



PHASE 1



S6_Projet de marché à Makoko, (J.Aparicio)

The project is located in Makoko, an isolated area of Lagos, Nigeria, known for its informal settlement built entirely above water. This floating neighborhood, often described as a shantytown, lacks basic urban infrastructure: there is no access to electricity, clean water, or formal planning. The constructions are informal and have grown organically over time. Residents move primarily by boat and rely on fishing and the sale of local products for their livelihood.

The purpose of the project is to provide a space dedicated to the economic and social activities of the community, while also introducing a public structure capable of organizing and reinforcing the urban fabric. The intention is to create a hierarchy of circulation paths and to support the development of shared spaces that can strengthen community life.

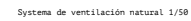
The proposal is based on a grid of modular units composed of wooden pillars supporting a protective roof. The floor system is made of floating modules inspired by the Makoko Floating School, allowing the structure to adapt to changing needs. These units can be rearranged to accommodate various activities such as markets, cultural gatherings, public events, or sports.

The project aims to create conditions that enable the neighborhood to develop using its own resources: fishing practices, timber-based construction, and a distinctive way of life. By fostering a resilient and thriving environment and improving its connection to the rest of the city, the project seeks to offer an alternative to the planned demolition of the area for real estate development.



Axonometric view of a portion of the project illustrating the arrangement of fishing activities and the floating market.

Opposite page: site context and temporal evolution of the project, along with a board of construction details.



III_ MODEL MAKING

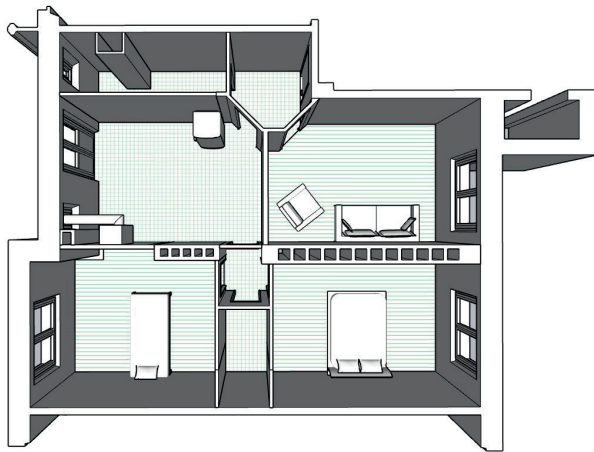
Rehabilitation project for 323 housing units — 156 Rue R. Losserand, Paris 14th

Production of 3D and physical models to communicate the project to the residents of the housing complex.

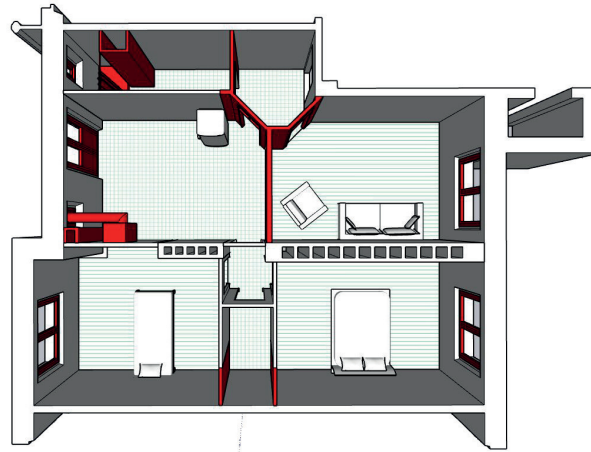
This rehabilitation project is large-scale, both because of its size and because of the significant social issues involved. It was essential to explain and communicate the project intentions and their impact on the dwellings to the residents.

For this purpose, 3D models were produced, as well as interactive plans on which one can draw. The furniture was also modelled and can be moved to simulate different layout options.

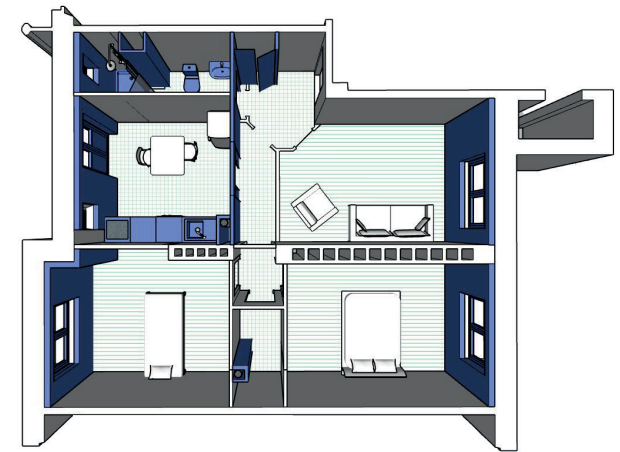
Discussion around the interactive plan with the arrangement of wooden modelled furniture.



Production of 3D models of the existing apartment; in green, the preserved elements that will be restored.



In red, the elements demolished during the works: partitions, heating system, technical ducts, existing joinery.



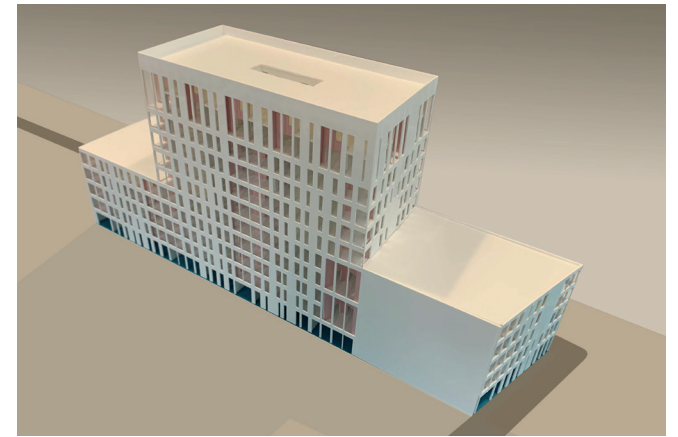
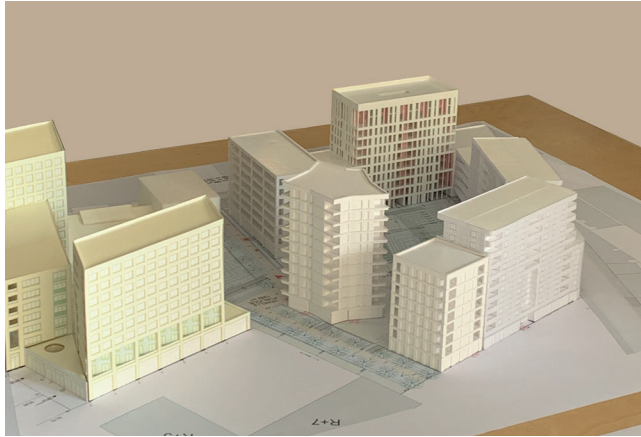
In blue, the elements added for the project: insulation, comfort elements, new joinery.

Construction project of 265 housing units and 175 social housing units

Production of 3D and physical models to communicate the project to the housing providers and to the rest of the project management team (lead architect).

Since the project is part of a large urban development (ZAC Ivry-Confluences), it was necessary to show the relationship between the different lots of the entire ZAC.

A physical model at 1:200 scale was therefore produced to illustrate the intended façade effect.



Construction project for a single-family house, Rue des Cascades, Paris 20th,

Production of 3D models at 1:50 scale.



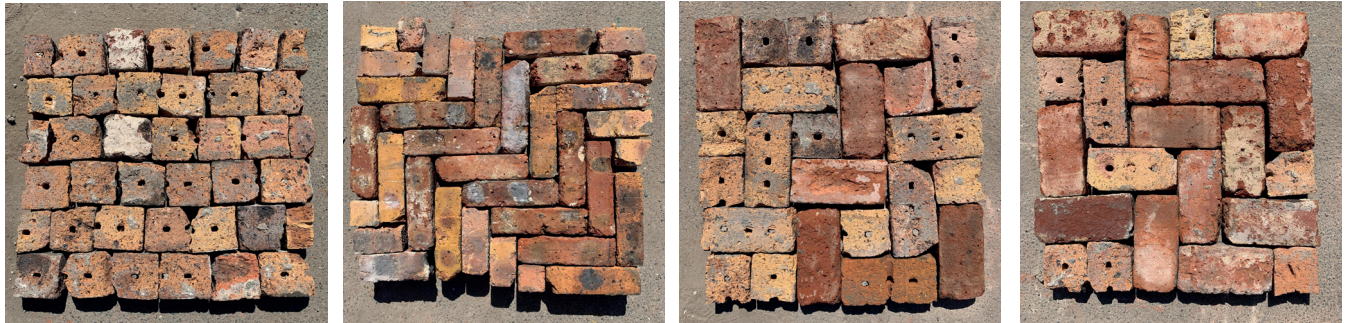
IV_ CONSTRUCTION SITES

S8 - Reuse Option, C. Simonin, ENSAPB

Practical work on the reuse of terracotta bricks within the construction site of La Grande Coco in Paris.

The research work focused on creating samples of floor coverings in order to propose different options for the upcoming renovation works. The bricks, once separated from the mortar, made it possible to propose various floor patterns. The waste material, once crushed, was used in experiments with lime/cement concrete for paving or cubes that were later tested after drying.

The theoretical part of the first semester focused on the reuse of steel beams and wired glass from the roof to create a bicycle shelter that would be installed in the courtyard of the renovated Grande Coco building. A metal staircase was dismantled so that bicycles could be inserted between the risers and attached to the structure.



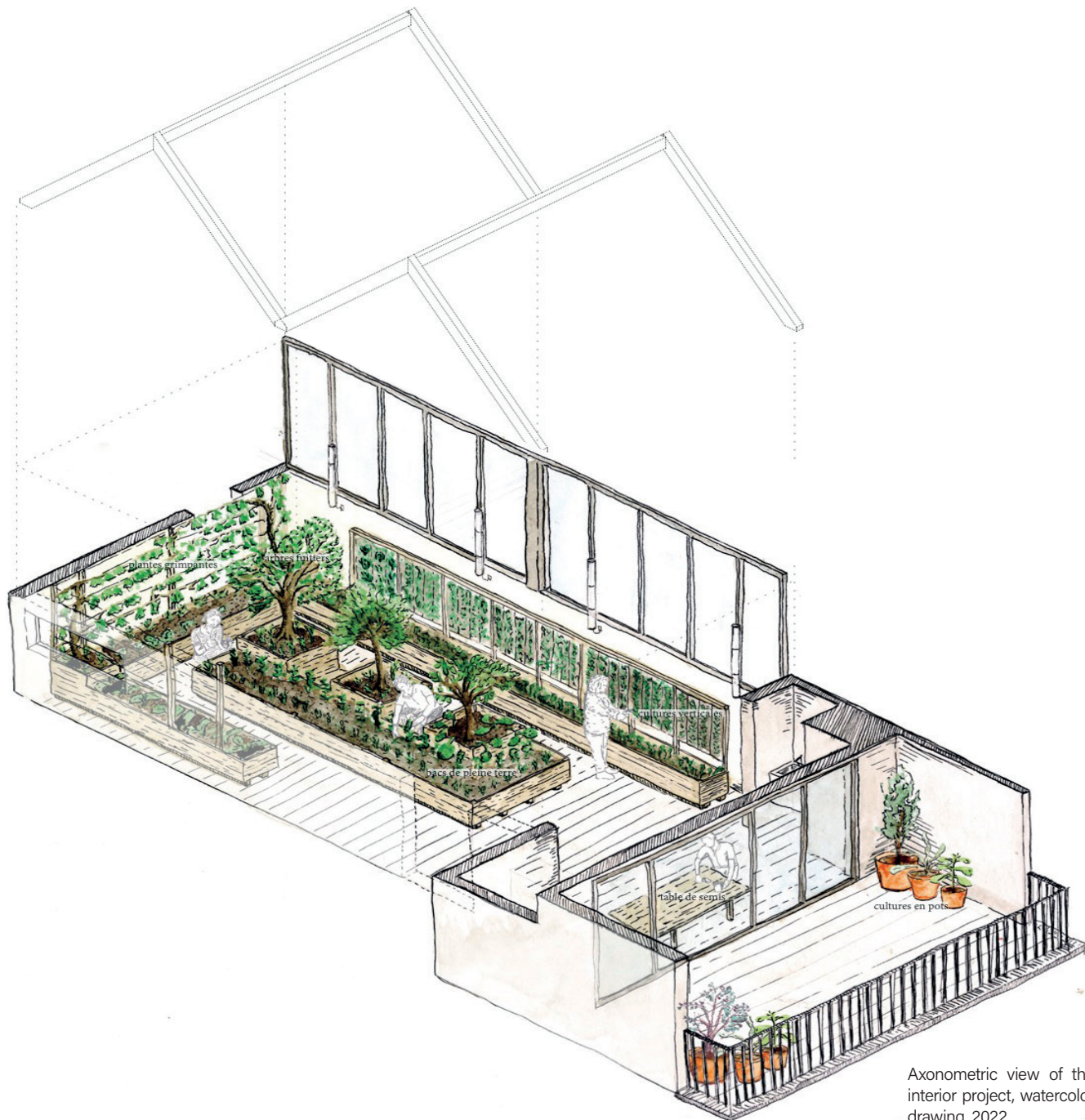
Construction site images: brick assemblies (top), crushing and concrete casting (bottom), Aubervilliers, 2021.

Inhabited Greenhouse - Residence Rue Piat, Paris 20th

As part of the project co-developed with the École Nationale d'Architecture Paris-Belleville to house young architecture students and Compagnons du Devoir, large shared spaces are available to the residents.

On the top floor, a greenhouse is to be arranged by the residents themselves, both to produce part of their food and to share knowledge through a collaboration between architects, Compagnons du Devoir, and an educational association that cultivates on Parisian rooftops.

This layout proposal was designed to optimise the cultivated area, preserve spaces for social interaction, and allow for future appropriation and evolution by the residents.

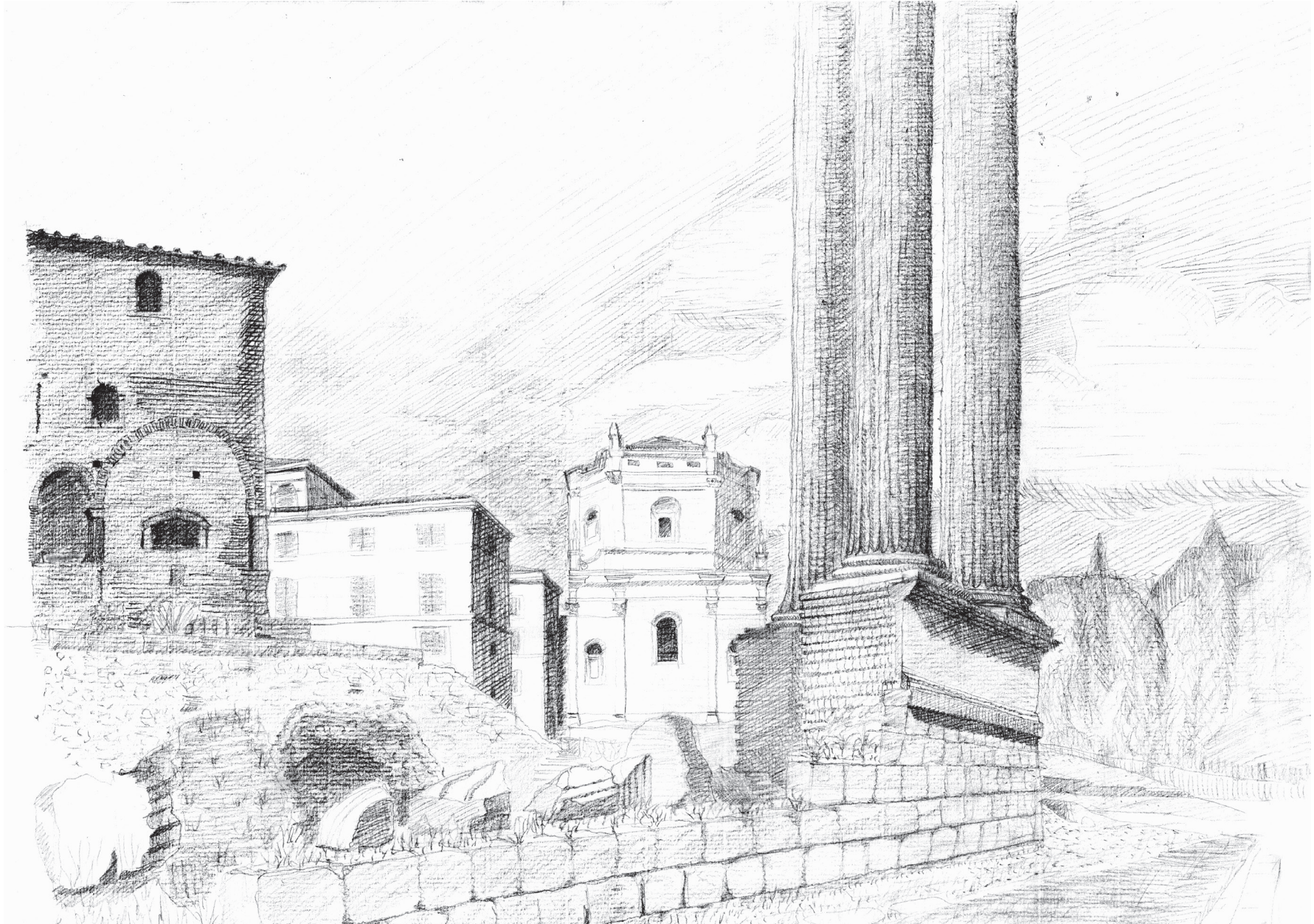


Axonometric view of the interior project, watercolor drawing, 2022

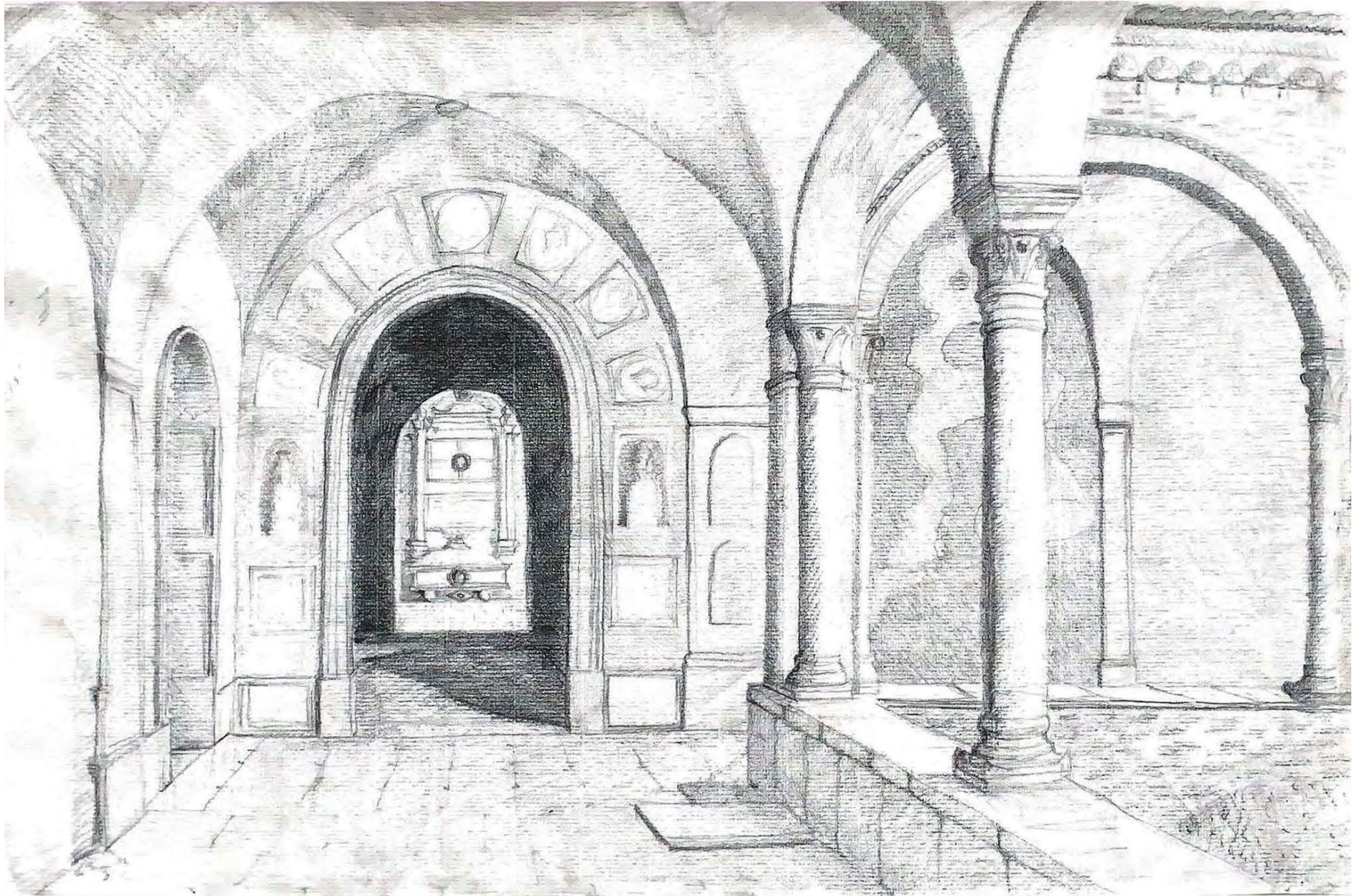
Photography of the planted greenhouse, 2023



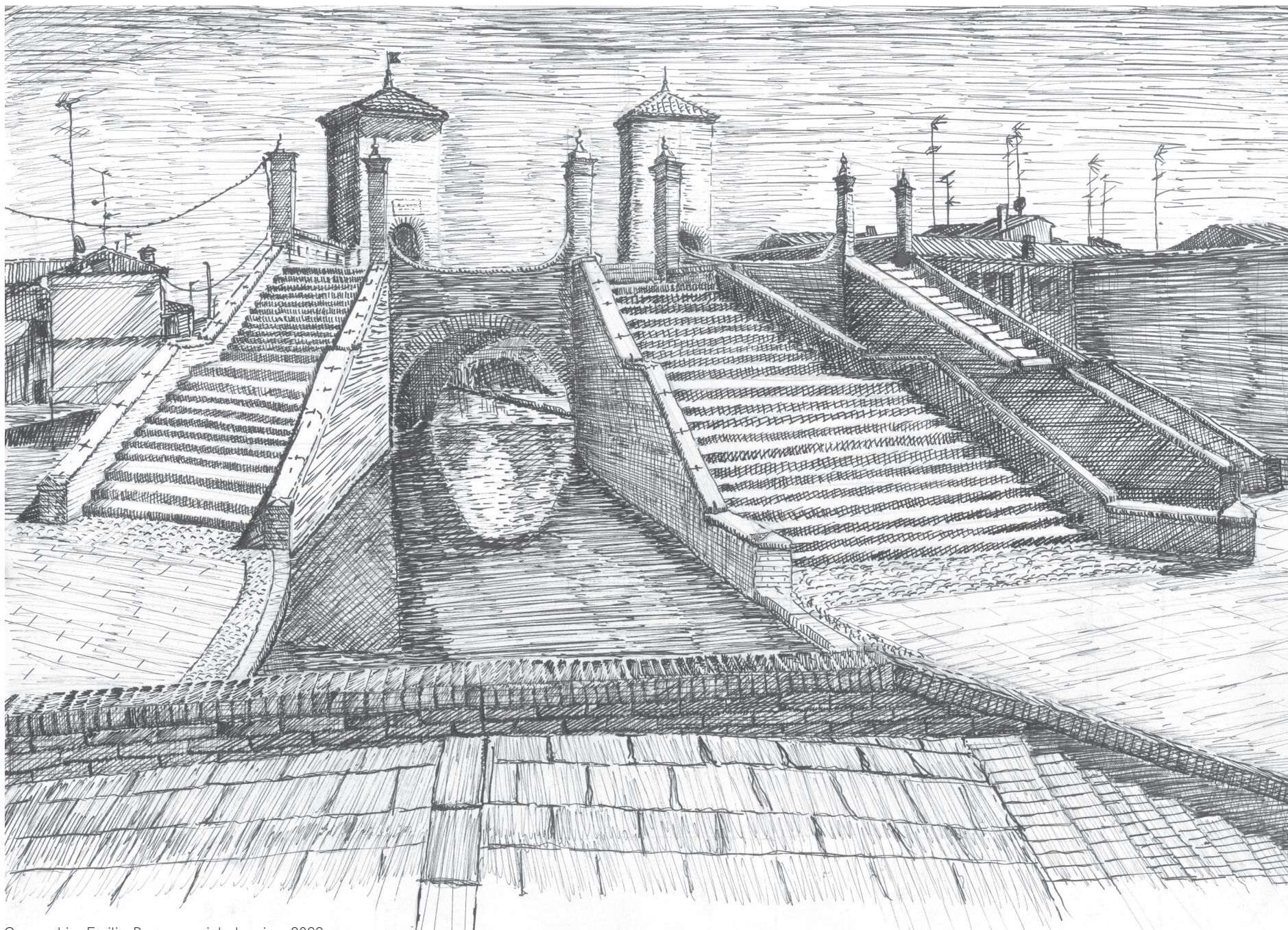
V_DRAWINGS



Teatro Marciano, Rome - pencil drawing, 2022



Monumental Cemetery of La Certosa, Ferrara - pencil drawing, 2023



Comacchio, Emilia-Romagna - ink drawing, 2023

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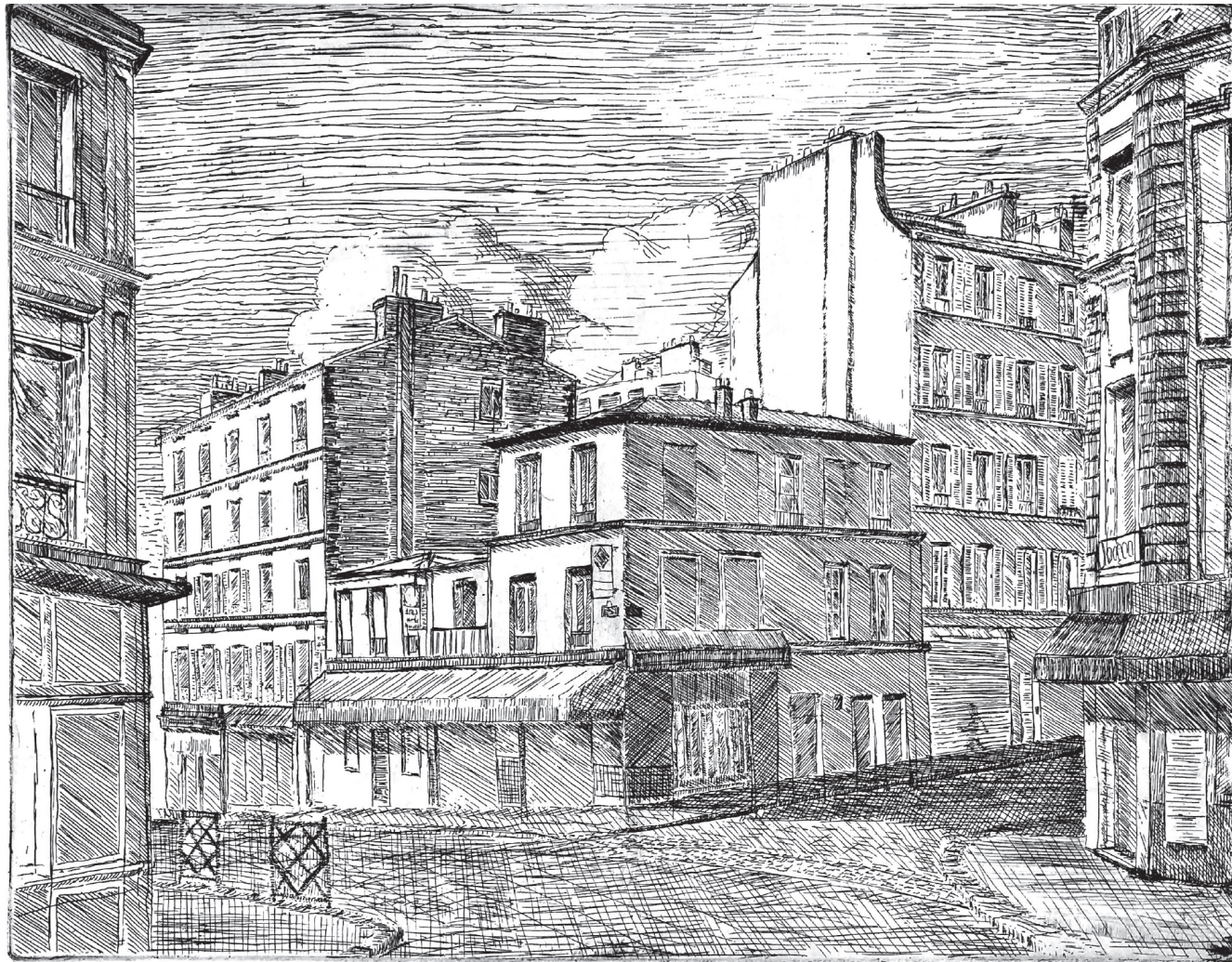
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Intersection of Rue de Belleville and Rue Rebeval — copper engraving, 2022