

PORTFOLIO 2023

Gaétan MARTIN

→ Architect

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0. CONTENTS

1. CURRICULUM VITAE

03

2. HOUSING

04-07 → 29 Housing, Erdre-Porterie district, Nantes
08-09 → 12 social housing + retail, Jean Robert street, Paris
10-11 → 12 social housing + retail, Boulevard de la Chapelle, Paris

3. MIXED USE BUILDING /PUBLIC FACILITIES

12-21 → Urban revitalisation of the Dixmont center village
2-27 → Rehabilitation and expansion of the Savigny-lès-Beaune community center
8-31 → ★ Sports hall, library and 16 housings, Saint-Mandrier-sur-Mer

4. URBANISM AND LANDSCAPE

32-39 → ★ [Diploma project] « Tonneins, landscape acupuncture for an urban renewal »
40-45 → Requalification of the public space of the town centre of Rambervillers
46-47 → Public spaces for a joint development zone, in Bonneuil-sur-Marne
48-49 → Public spaces around a public facilities, Noisy-le-Sec
50-61 → ★ « The Bagnoli madness », Napoli, Italy

5. RESTORATION AND RENOVATION OF PARISIAN HERITAGE

62-69 → Architect in Paris

6. MUSIC

58-59 → Air lumière

★ = student works

1. CV

Degrees

French architecture licence, 2020
ENSA Paris Val-de-Seine, France
• Professional thesis « *Architect for the territory's development* »

State diploma of architect, 2018
ENSA Marseille, France
• Diploma project « *Tonneins, a landscape acupuncture for an urban renewal* »

Architecture bachelor, 2016
ENSA Saint-Etienne, France

Other informations

Software skills
• Common use : AutoCAD, SketchUp, Adobe Creative Suite (Photoshop, InDesign, Illustrator, Premiere, After Effect), Microsoft Office (Word, Excel, PowerPoint)
• Sound knowledge : Revit (1 year of formation without working experience), ArchiCAD, Twinmotion, Rhinoceros 3D

Student competitions
• 2017, « Imagine a 2.0 sports hall », finalist project [alone]
• 2016, Stone architecture competition, ENSA Nancy [alone]
• 2015, Emergency accommodation, Médecins du Monde Foundation, [with a team]

Workshops & reaserchs
• 2018, The genesis of the project through images, with Point-Suprême Studio and the ENSA Marseille
• 2017, Research into the composition of Neapolitan palaces, International Workshop
• 2017, City and nature : Re-think the Luminy campus from ENSA Marseille

Languages
• French (native speaker) English (intermediate +), Spanish (intermediate), Chinese (beginner)

Interests/Hobbies
• French driving licence, with international translation
• 2021-2023, membership of member-owned and operated food store in Paris called La Louve
• Membership of the music band Air lumière
• Practice of the drum, the guitar, the piano, Ableton Live
• Sports : Biking, Slacklining, Highlining, Climbing

Gaëtan MARTIN

→ Architect



• Born on 11th April 1995 [28 years old]
• French citizen
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Work experience [+5 years of experience]

2021-2023 [2 years and 6 months]
Architect project leader on Parisian heritage
Igor Fernandez studio, Paris, France
• Architectural and technical diagnostic
• Project development (project leader)
• Construction site management
• Building expertises and technical advices

2021 [3 months]
Architect and landscaper project officer
Praxys, Paris, France
• Project development (design, drawing)
• Construction site management

2019-2021 [1 years and 7 months]
Architect project officer
Atelier cité architecture, Paris, France
• Project development (design, drawing, management of the technical team, construction licence)
• Competitions (project leader)
• Applications for public contracts

2018 -2019 [6 months]
Architect junior
THE Architectes, Paris, France
• Project development (design, drawing, modelling)
• Competitions

2017-2018 [8 months part-time during my last studying year]
Architect assistant
Régis ROUDIL studio, Aix-en-Pce, France
• Project development (design, drawing, modelling)
• Competitions (design, drawing, modelling)
• Applications for public contracts

2017 [2 month]
Site manager for a international volunteer workcamp on a heritage restauration
Rempart association, Chelles, France

2017 [2 month]
Internship in an architecture and urbanism studio
Polyptyque, Marseille, France

2. HOUSING

29 Housing, Erdre-Porterie district, Nantes

Programm → 20 collective housings + 9 individual housings

Client → Cooplogis

Studio → THE Architectes

My role → project assistant

Team → Serba [engineer every trade], ALBDO [thermal engineering department], De long en large [Landscape]

Mission → Feasibility study + project development + construction license

Usable floor area → 1 986 m²

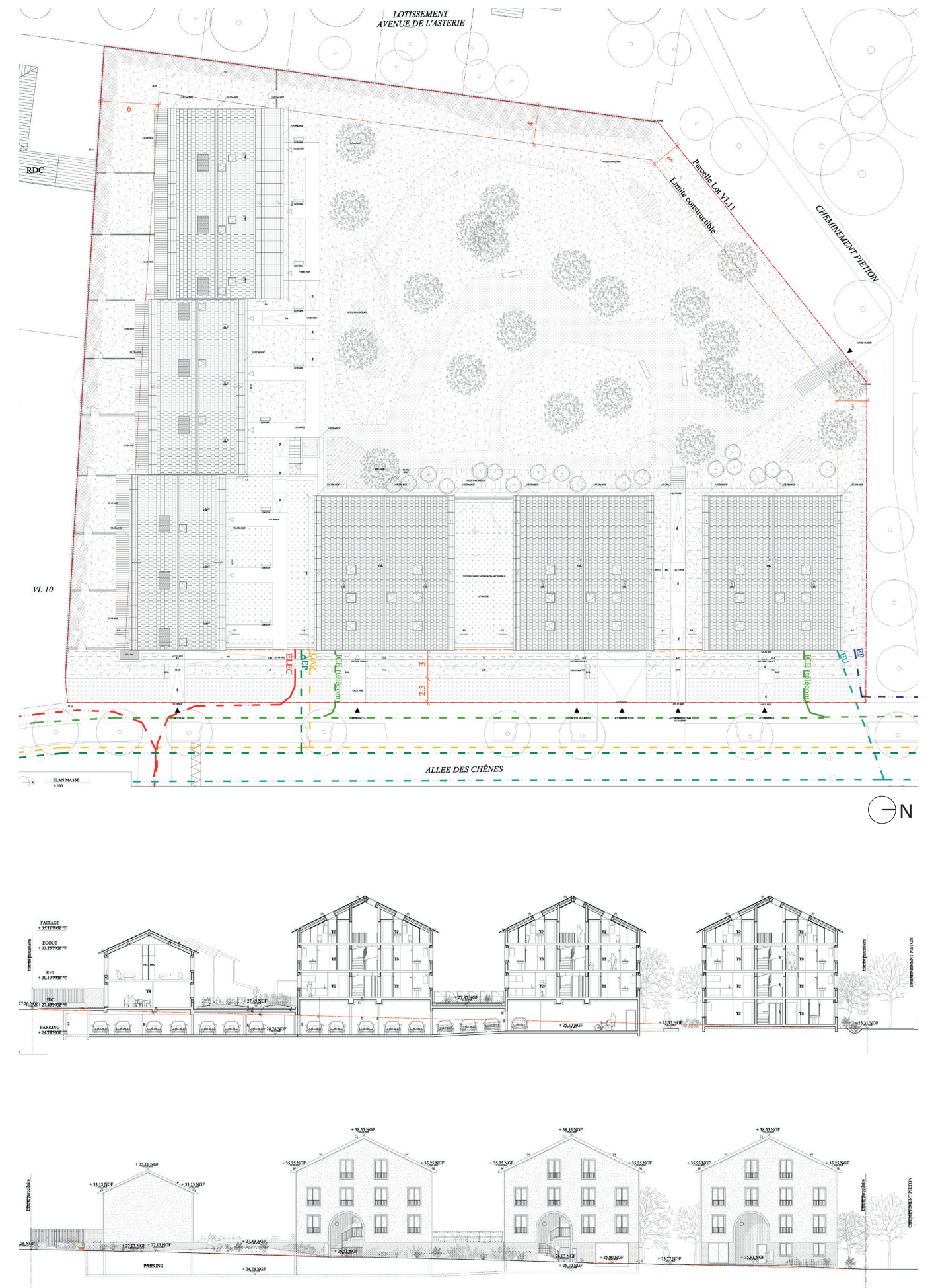
Budget → 2, 98 M€

Years → 2018-2019

The project is located on an empty plot in Erdre-Porterie joint development zone in Nantes (FR). It creates a transition zone between a suburban frontage and an existing residential area.

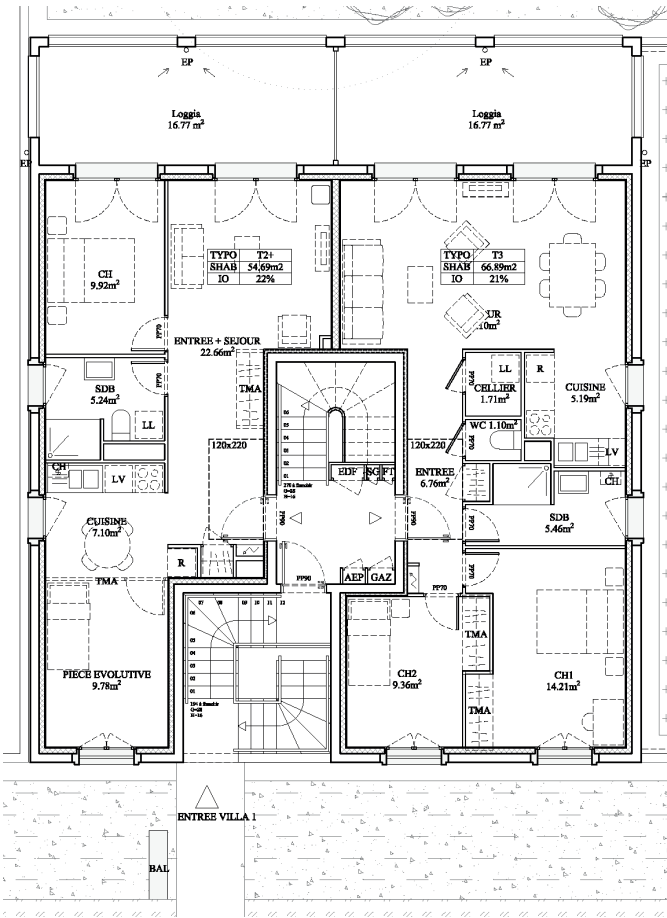
The design intent was to build along the parcel boundary to maintain as many existing trees as possible and create a private garden for future residents.

There are three collective complexes, containing one-room flats to two-bedroom flats, which benefit from triple orientations and a loggia open to the park. The houses, ranging from three or four-bedroom flats, are grouped in batches of three. They are floor-through, widely open to the south with a view of the garden. The project has a car park and a bicycle garage under the first individual houses and the first two complex blocs. This basement is shared with the entire complex.

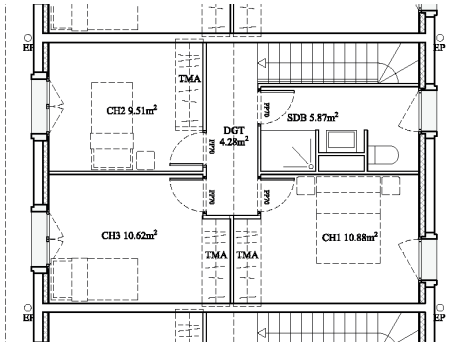


The approach of this project was a sober and timeless architectural expression.

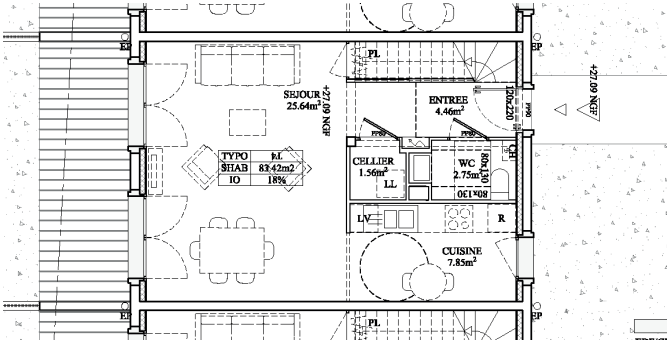
It is designed with monomur bricks built on a concrete base. The project incorporates a specific design for the fenestrations (windows and doors). It is a precast white concrete bay block that has multiple advantages: having a suitable coating finish, quick and easy to install, and it is an economical option. Therefore, we have created a block of standard multi-range bays that applies to the entire project, according to a hierarchy of uses.



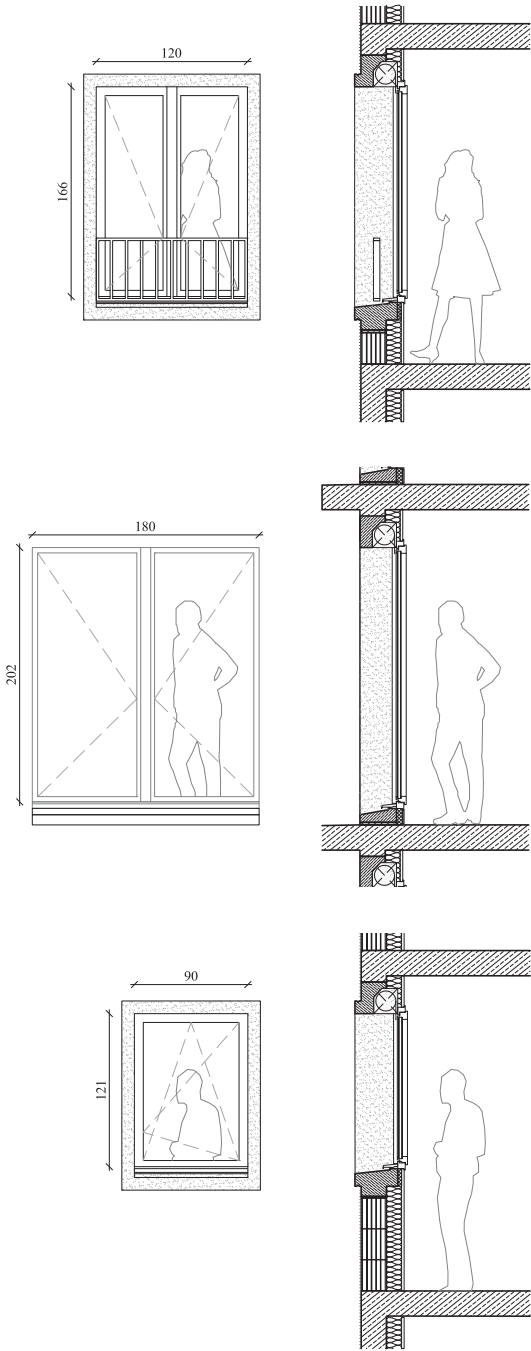
Ground floor collective housing



First floor individual housing



Ground floor individual housing



Concrete bay block classification



Site reference with bay bloc

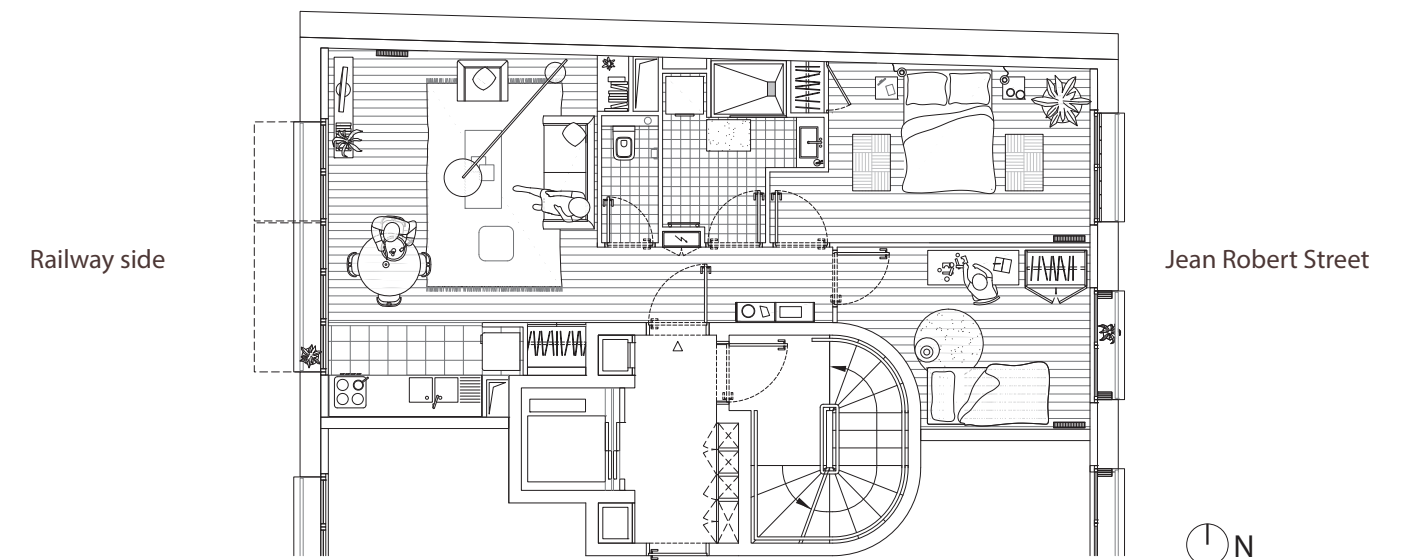
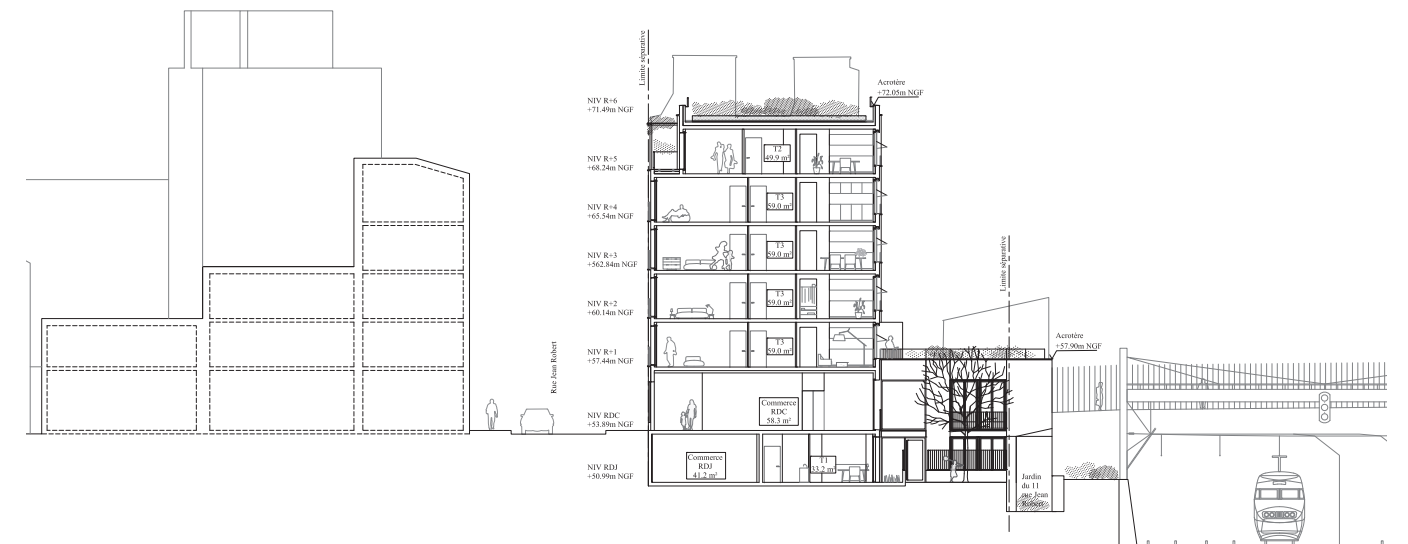
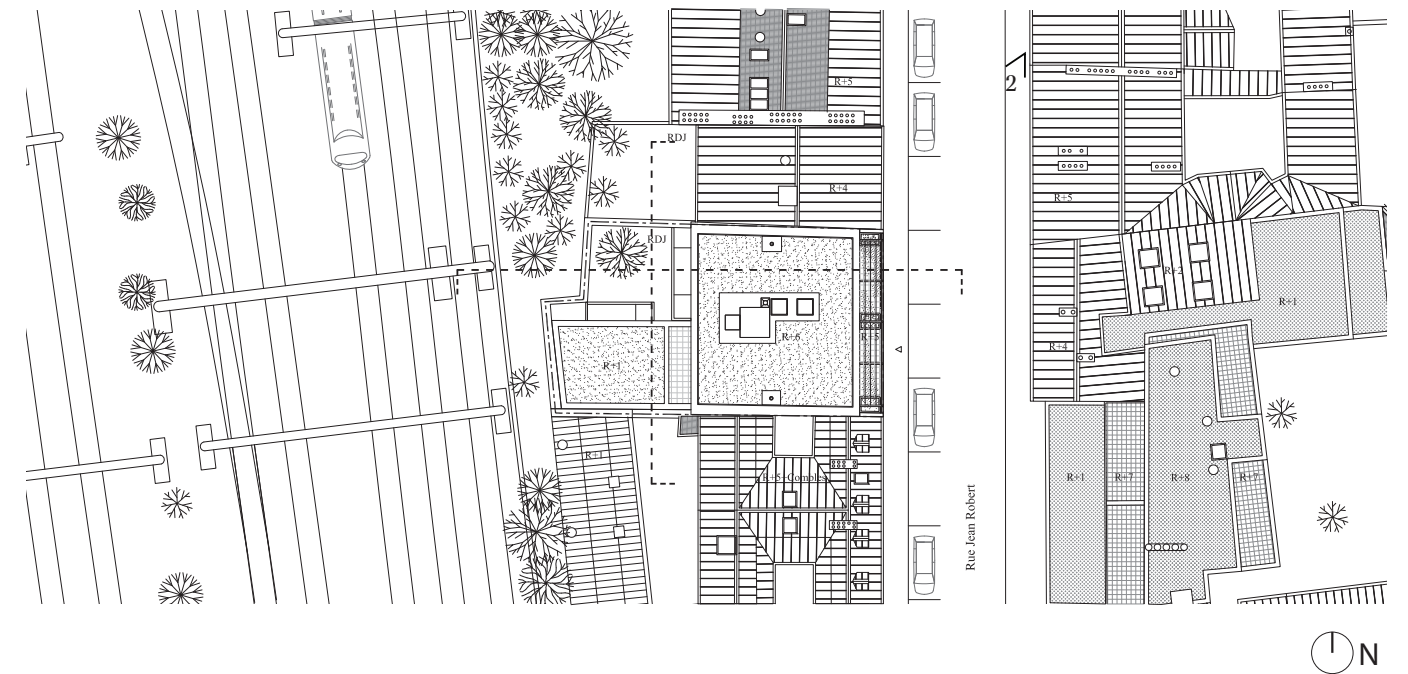
12 social housing + retail, Jean Robert street, Paris

Programm → 12 social housing +
ground-floor retail
Client → RIVP
Studio → THE Architectes
My role → Project assistant
Team → Sibat [engineer]
Mission → competition (finilist project)
Usable floor area → 846 m² living space
Budget → 2, 03 M€
Years → 2018

The project is located along the railway. This location leads two major constraints : build with the dry process framework (the crane being forbidden), and acoustic nuisances for the dwellings.

The project is designed with a single-walled coated brick with carpentry block filling. Only the floors and the vertical circulation cores are in concrete. The living spaces are placed on the railway side and act as a buffer for the bedrooms.

Below : Jean Robert Street facade /
Railway trackline facade



12 social housing + retail, Boulevard de la Chapelle, Paris

Programm → 12 social housings +
ground-floor retail

Client → Paris Habitat

Studio → Atelier Régis ROUDIL Architectes

My role → Drawer and maquetist

Mission → competition (finalist project)

Usable floor area → 791 m² living space

Budget → 1, 56 M€

Years → 2018

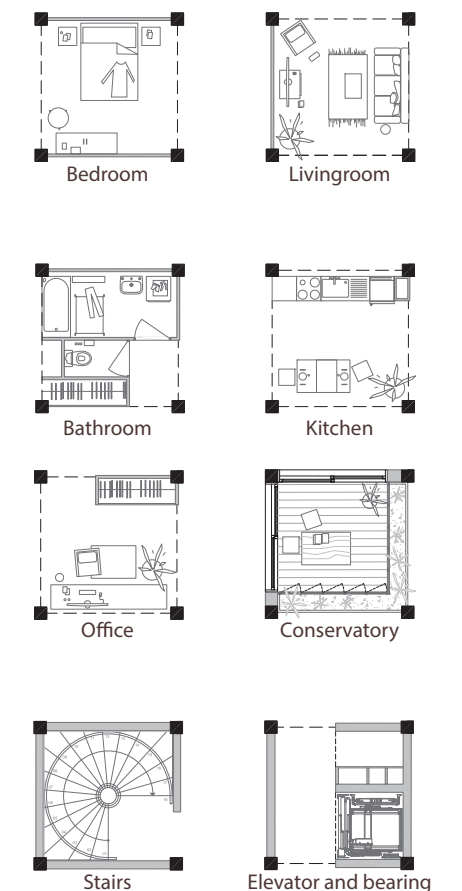
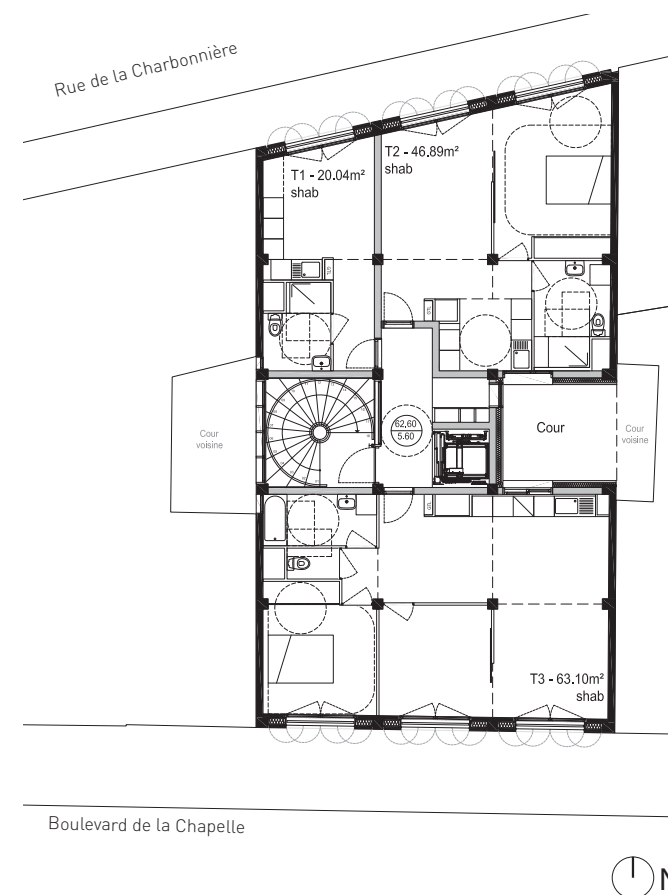
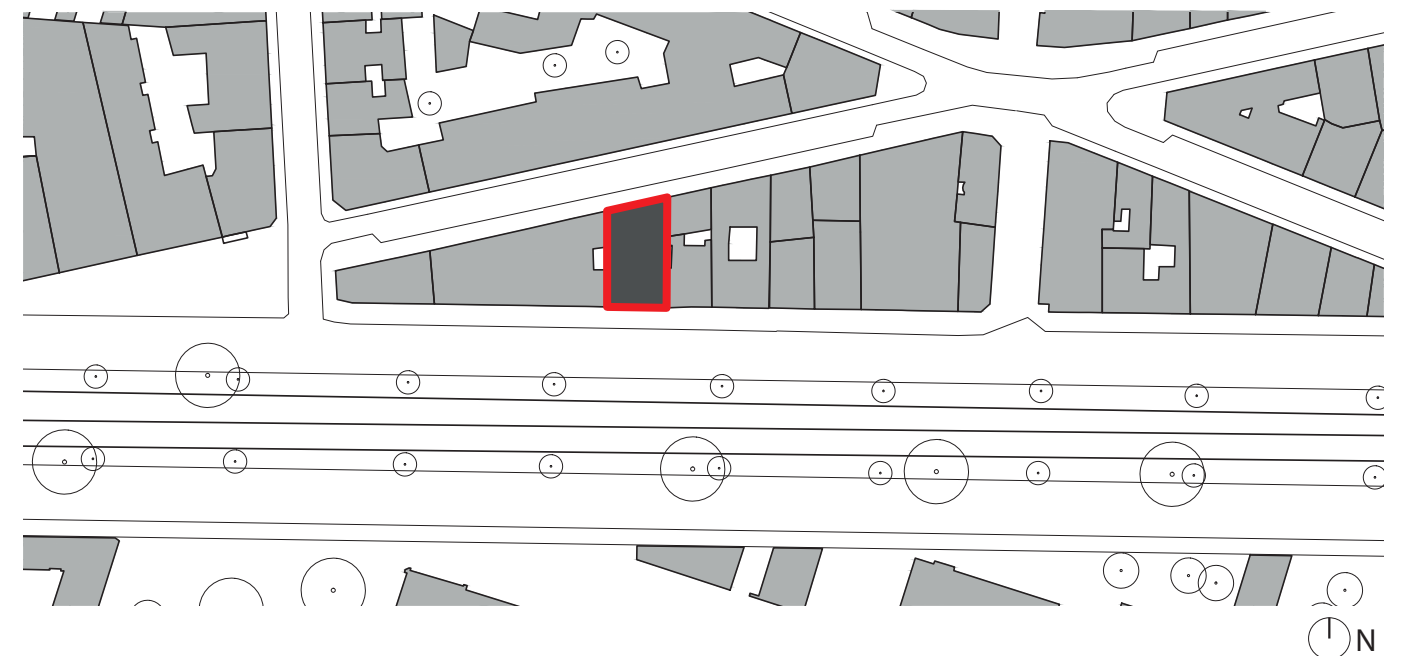
This social housing project is designed with a
system of Reinforced Concrete Skeleton creating a
grid in the plan and on the facade.

In plan we created a interior fit-out library to fill de-
pending on the program selected. If the building
function changes, the grid makes the layout quite
flexible.

In facade, the filling allowed to design an original
wooden shutters, which customize the building.



View from the Boulevard de la
Chapelle



Interior fit-out library



Model of exterior joinery

3. MIXED USE BUILDING / PUBLIC FACILITIES



Urban revitalisation of the Dixmont center village

Programm → Retail / Multi-services center + School expansion + rehabilitation of a village house into a medical office and housings + requalification of the public space of the center village

Client → Dixmont village

Studio → Atelier cité architecture

My role → Project officer

Team → 3iA [engineer], Trajéo [Mobility engineer]

Mission → competition [first price], project development, administrative autorisations

Usable floor area → 860 m² build + 4000m² public space

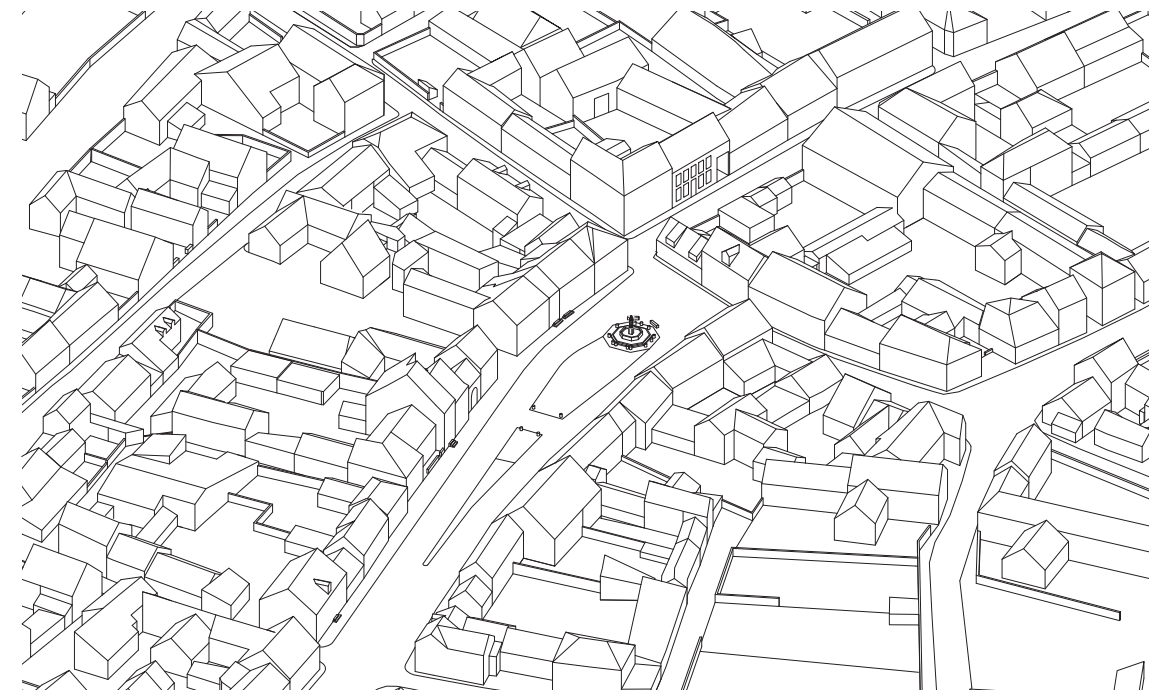
Budget → 1,98 M€

Years → 2019-2020

Dixmont is a village in Yonne (french departement) with 900 inhabitants. Since the closure of a tobacco bar in 2004, the village center has suffered from an escheat that increases from year to year.

The elected officials, noting that the situation was deteriorating and that the center was gradually emptying from the population, called on the advice from a regional public service (called CAUE) of Yonne to accompany them in an urban project to revitalize the center.

The revitalization of Dixmont village center is a hybrid project combining architectural projects and public spaces requalification.



State of plane in 2019



Projet

1] Requalification of the public space ; 2] Design of a Retail / Multi-services center ; 3] School expansion ; 4] Rehabilitation of a village house into a medical office and housings



Requalification of the village urban landscape

Landscape a meeting area

For the main street (Eichtal Street), our proposal consist into make an asymmetric street with a large sidewalk (like a square), witch permit to have usages in safety : the daily uses, the weekly market, the new restaurant terrace, making a natural play-ground for kids, ...

In order to do that, the fountain have to be moved. This new street design (before the fountain was in the middle), make the road also more comfortable for the agricultural vehicles which cross the center of the village. Despite, the fountain keep her place in the main axe from the village entrance.

Revegetate and beautify the center village

The project aimed to reduce permeable ground. Along the street, trees are planted, and a strip of stabilized sand (a kind of French limestone sand) is placed in front of the building. Residents can plant their house front. Rue des Taillandiers, the project has created a garden and a ball game court (a traditional French rural game) and deployed around ten parking spaces, necessary for commercial activities.

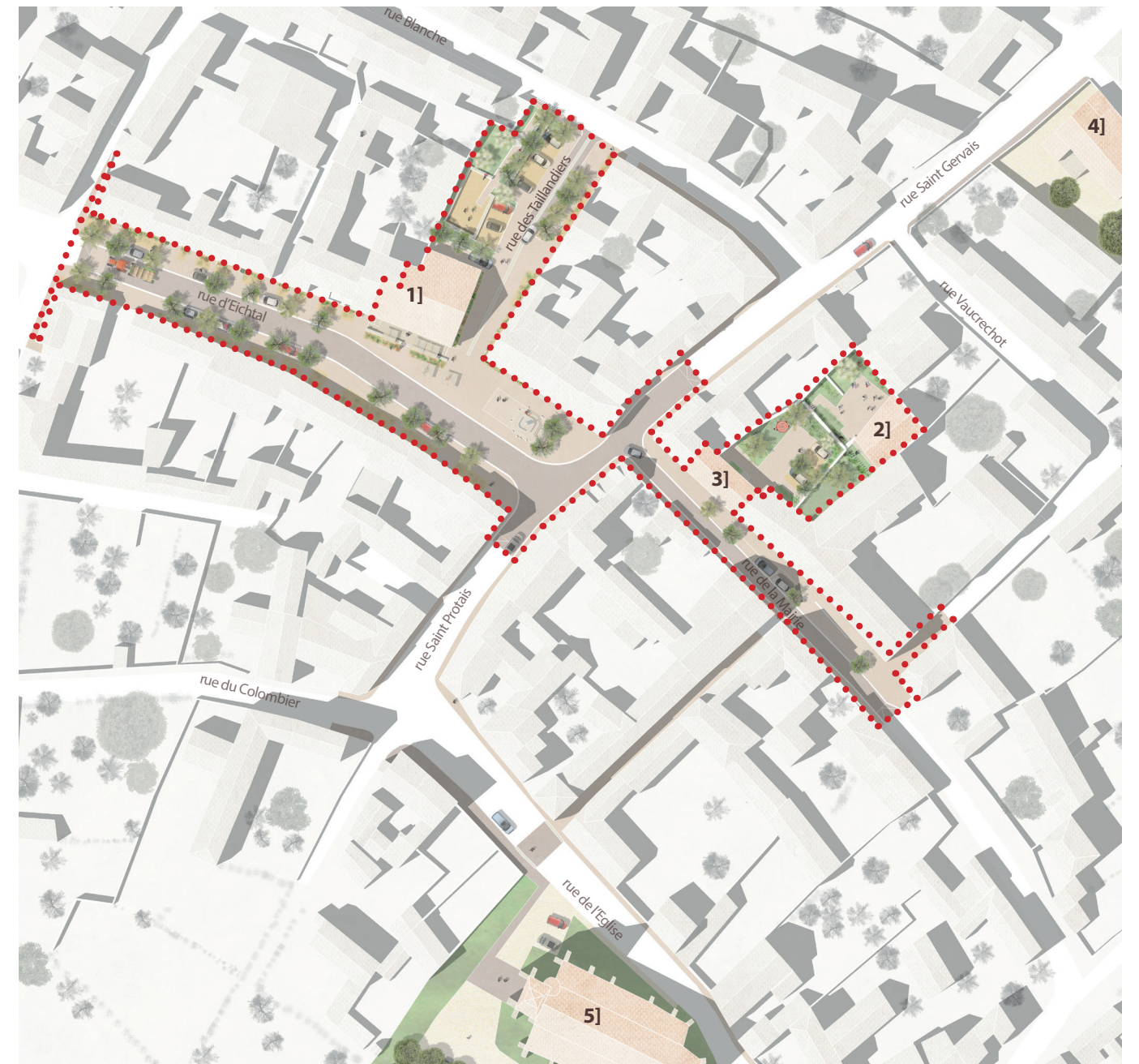
Above : View from the main street (rue d'Eichtal) and the multi-services center terrace

Below : Initial state photography



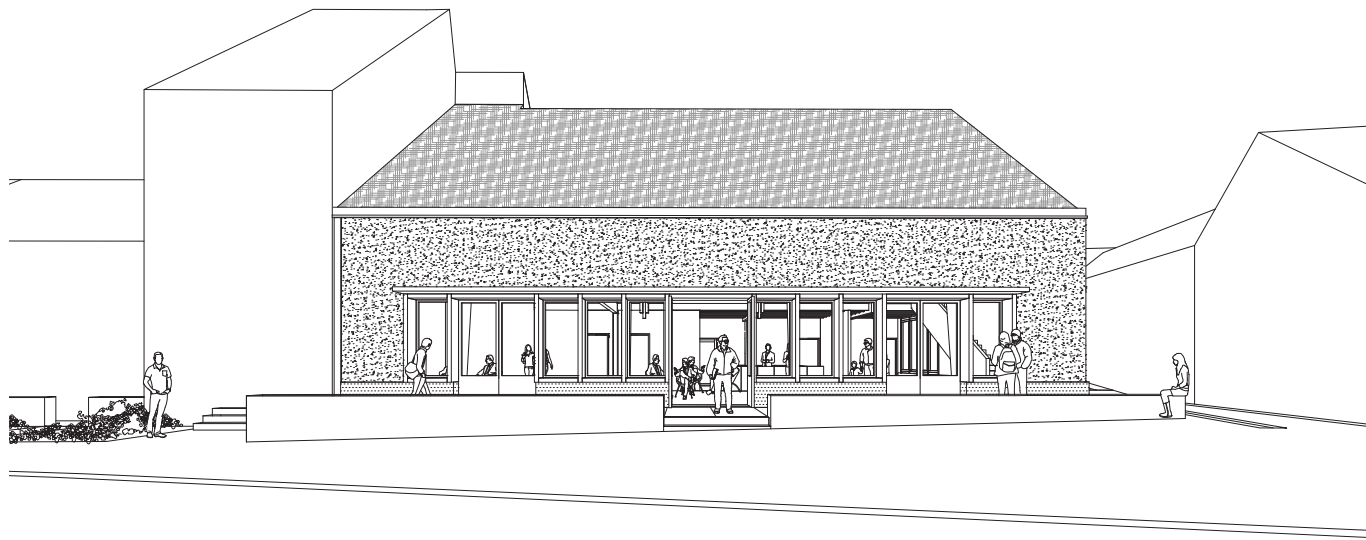
An economy of means

As for materials they were picked from a limited list, and come from local sources, in order to simplify maintenance issues. The timber framing is from local wood, the concrete is cast-on-site, and the isolation is from hemp wool cultivated regionally.



Above : Master plan
 Limite d'intervention
 1] Multi-services center ; 2] School expansion ; 3] Rehabilitation of a village house into a medical office and housings ; 4] Church ; 5] Reception hall
On the left : View from the Rue des Taillandiers landscape





Retail /multi-services center

Making a volume flexible

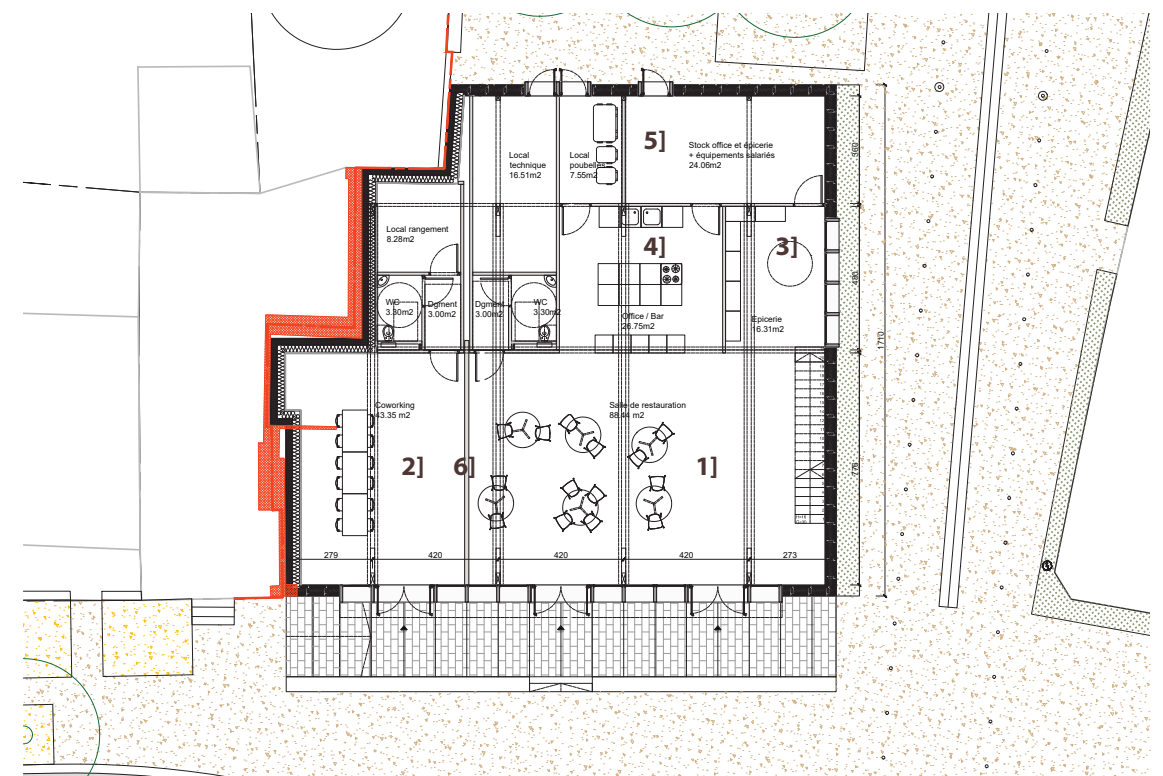
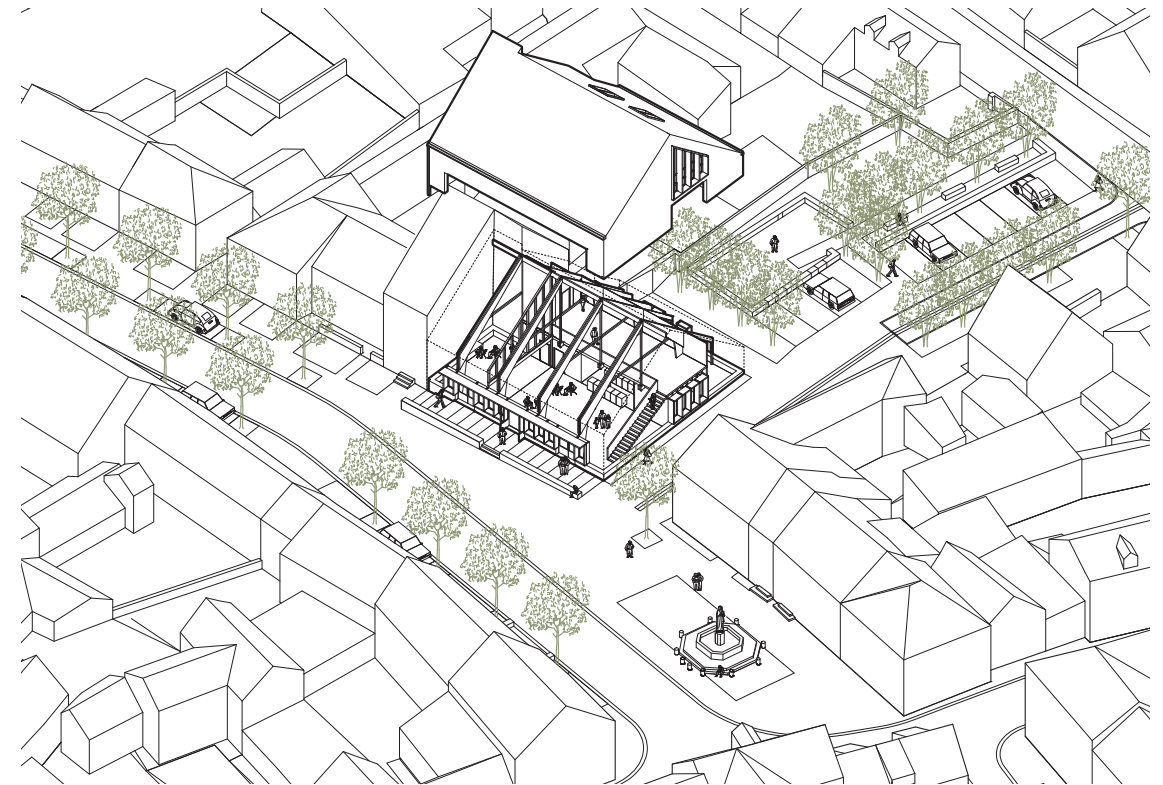
The design inspired by the vernacular Burgundian architecture seen with a simple volume and a two-sided roof, the commercial shop is consistent with the building line of the rue d'Eichtal. It look like a barn.

The main entrance took place on the southern facade, which is largely open to the new square. We enter into a double-height reception space as well as a restaurant and coworking space. In the north,

we have a technical zone that includes : a kitchen, storage, toilets, and other technical utilities. The structural nodes are located on the project's periphery, guaranteeing the flexibility of the interior fittings which can evolve.

A sustainable process

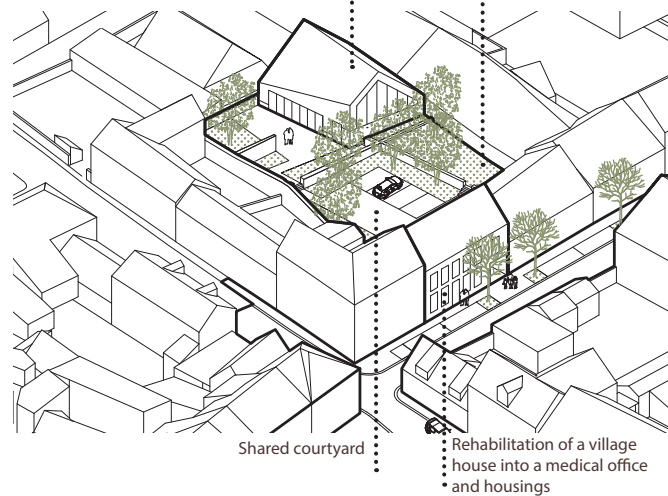
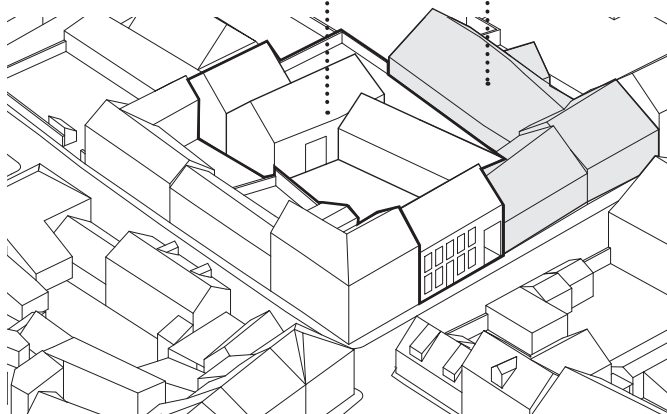
Designed with a wooden structure, hemp wool insulation, and meets the passive requirements of the Effinergie + label as a « sustainable building ».



1] Catering room ; 2] Polyvalent space ; 3] Grocery store ; 4] Open kitchen; 5] Storage ; 6] Removable partition



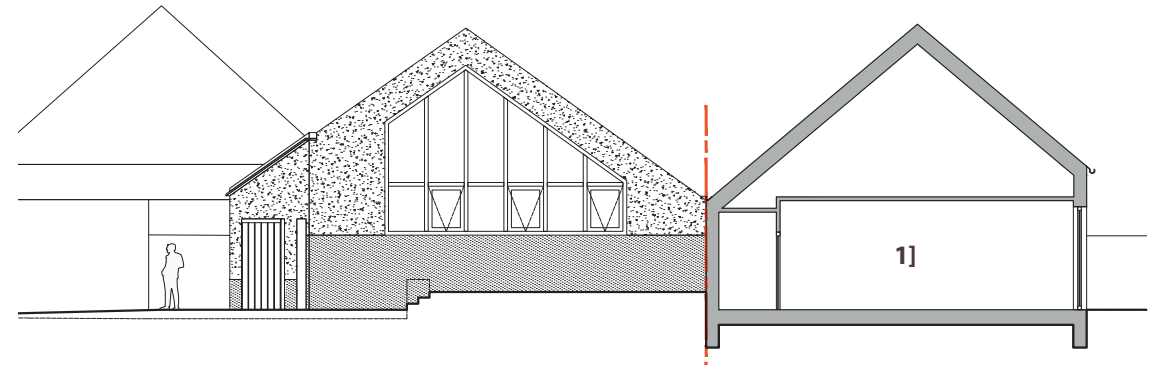
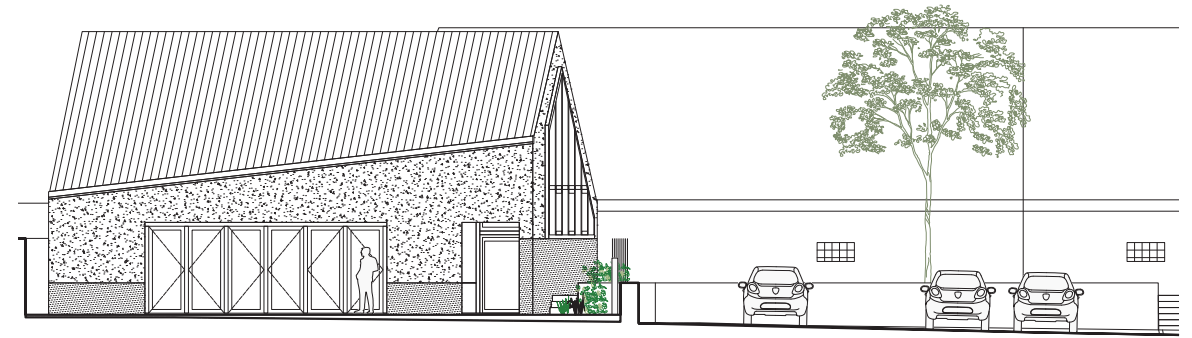
Demolished barn School School expansion House garden



School expansion

Enter into the plot geometrie

It took us along time thinking about that the existing barns could accommodate the new class. An idea that turned out to be difficult to put together. The decision was to preserve the remains of the existing buildings, level the walls and introduce a new class into the existing geometries. Preserved walls keep the plot coherent with the architectural surroundings, demarcate and provide the necessary interaction between the different programs, and define landscapes that anchor and distribute: access, garden, parking, school, and housing.



Above : North and West elevations

Above: ... Expansion boundary ; ... School initial state

1] Class room ; 2] Salmotricity room ; 3] Reset room ; 4] Office ; 5] Toilets ; 6] Storage ; 7] Courtyard



Rehabilitation of a village house into a medical office on the ground floor and housings on the first floor

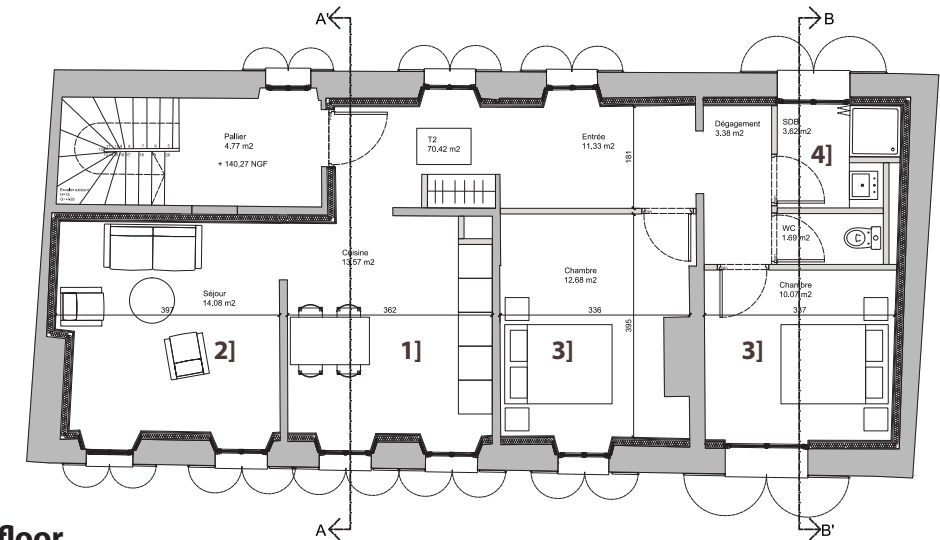
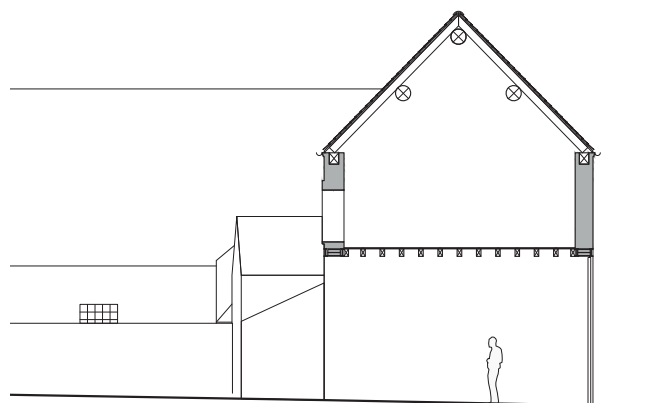
Set up new uses

The project takes place in a residential village. Demolishing and rebuilding everything is not a solution that preserves the soul of the village. One of the characteristics of ancient buildings is that they are extremely resilient, and the layout of medical buildings does not involve major transformations. In this attention to the “already built”, there are economic concerns, but also the desire not to trivialize the location.

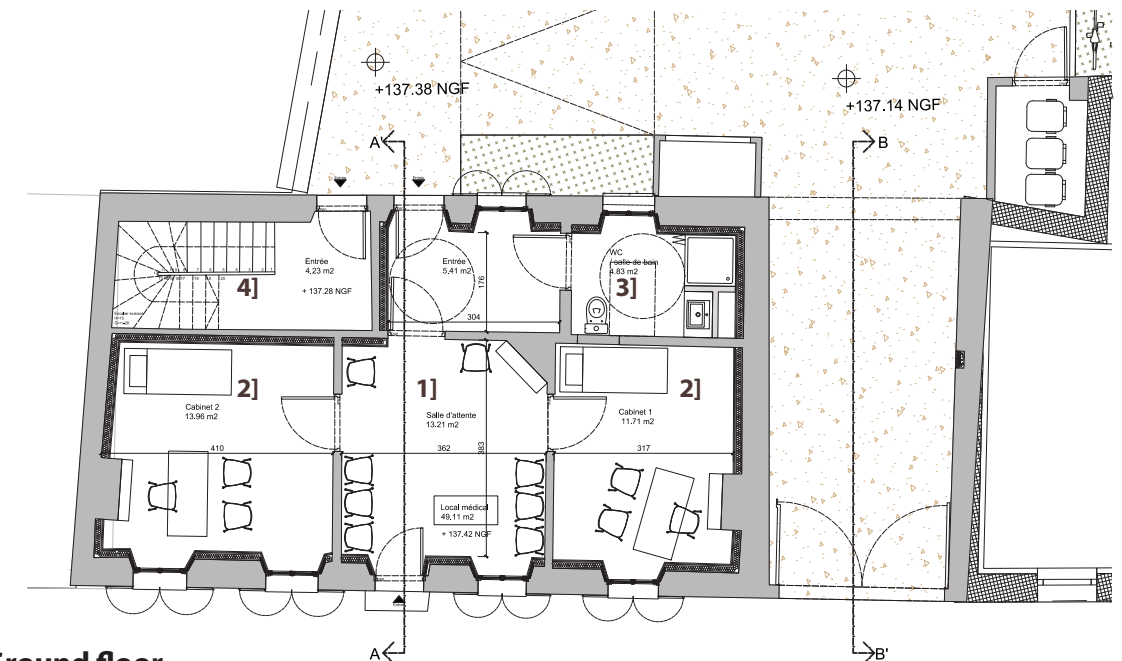
The medical office found on the ground floor and the new residence on the first floor. The only significant architectural work was to lower the corridor ceiling to make a continuous first-level floor.



Above : Perspective Project / Initial state
Below : Section initial state / Projet



First floor
T3 : 1] Kitchen ; 2] Living room ; 3] Bedroom ; 4] Bathroom



Ground floor
Medical office : 1] Waiting room ; 2] Medical office ; 3] Toilets ; 4] Housing entrance



Rehabilitation and expansion of the Savigny-lès-Beaune community center

Programm → Rehabilitation of the Savigny-lès-Beaune community center and city technical offices + building of a sports complex + creation of football clubhouse + landscape design + arrangement of a yard for the city technical services

Client → Savigny-lès-Beaune city

Studio → Atelier cité architecture

My role → Project officer

Team → 3iA [building engineers for every trade]

Mission → competition

Area → Rehabilitation 880 m² + expansion 1200 m² + landscape design 1300 m²

Budget → 2, 54 M€

Years → 2020

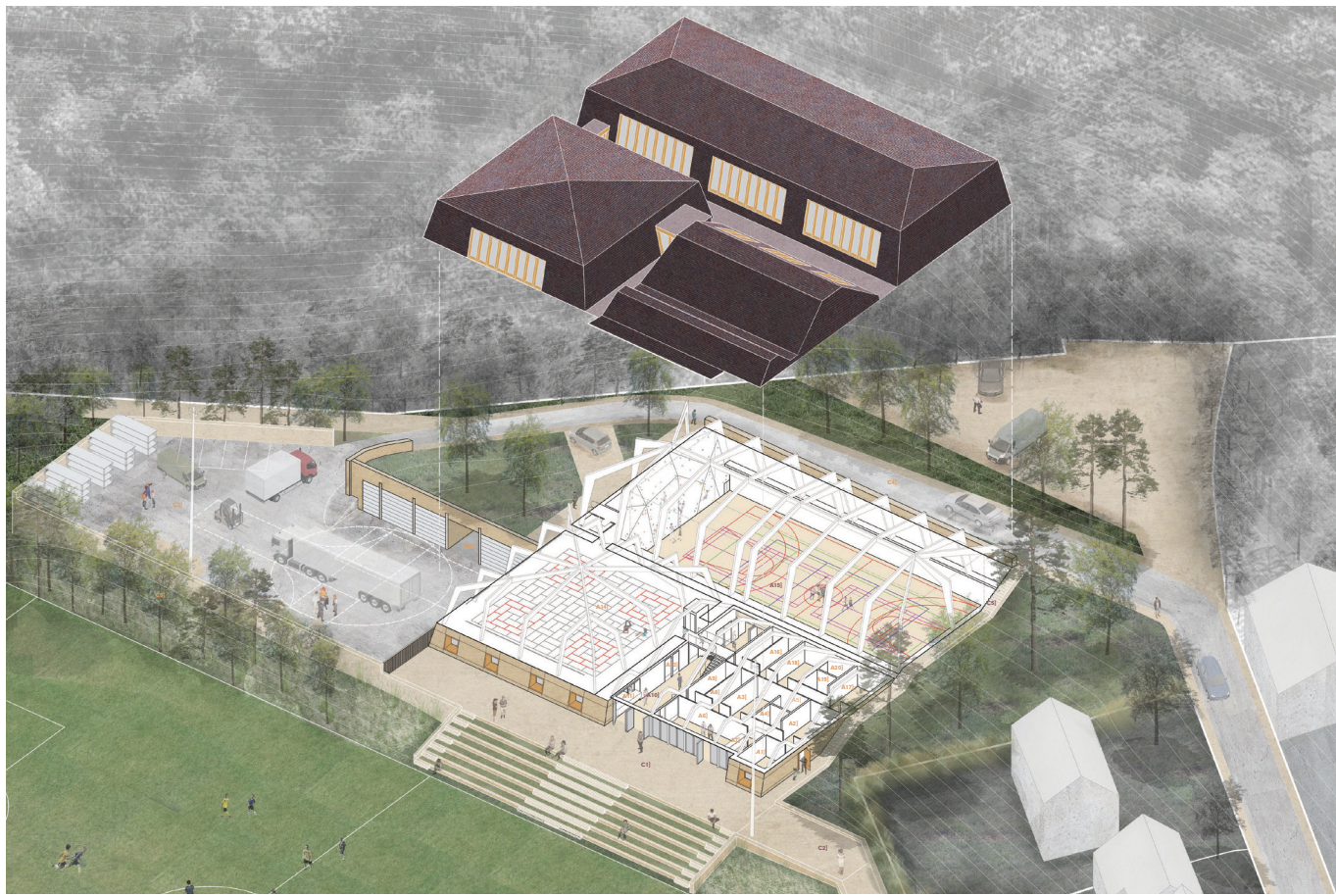
The challenge of «intervention of an existing site» was to design an extension without disqualifying the old building and trying to create a gether coherence.

The bias was to draw inspiration from the existing architecture for the new extension.

We reproduce the inclined walls of the ground floor, and the roof, for the extension. The old multi-purpose hall receives external thermal insulation protected by roof tiles, to ensure the consistency of materials and forms for the new extension.



Above : master plan / Initial state photography
On the left : View from the public entrance of the project



Strategy and chosen materials to be part of the landscape

The project is located in a wine region: the South of Burgundy called «Côte-d'Or» (literally Golden cost) because of the colour of the local stone, which is quite golden. There are vineyards, a few sparse rural buildings and the village of Savigny-lès-Beaune. The architecture merges into the landscape and aims to be compact and massive. We reused the small roof tiles and tried to find golden concrete, with local sand.



Roof tile



Vernacular roof tile

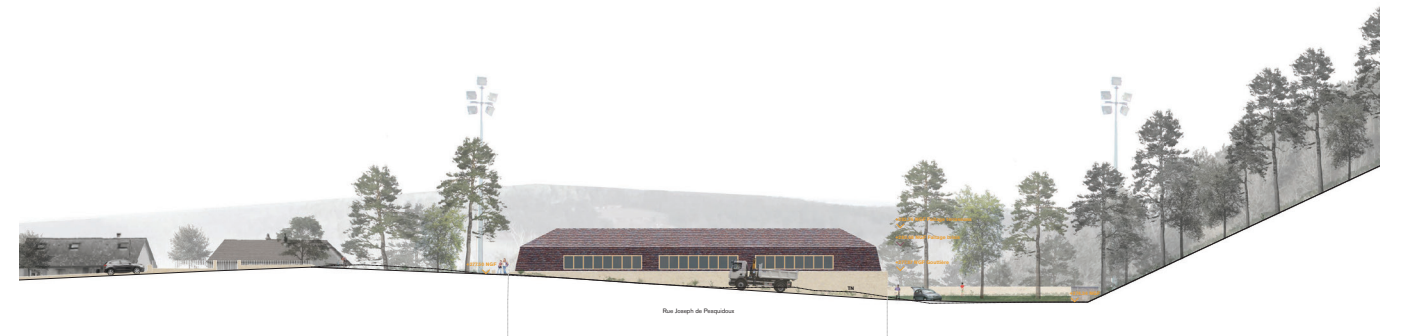


Golden concrete with local sand

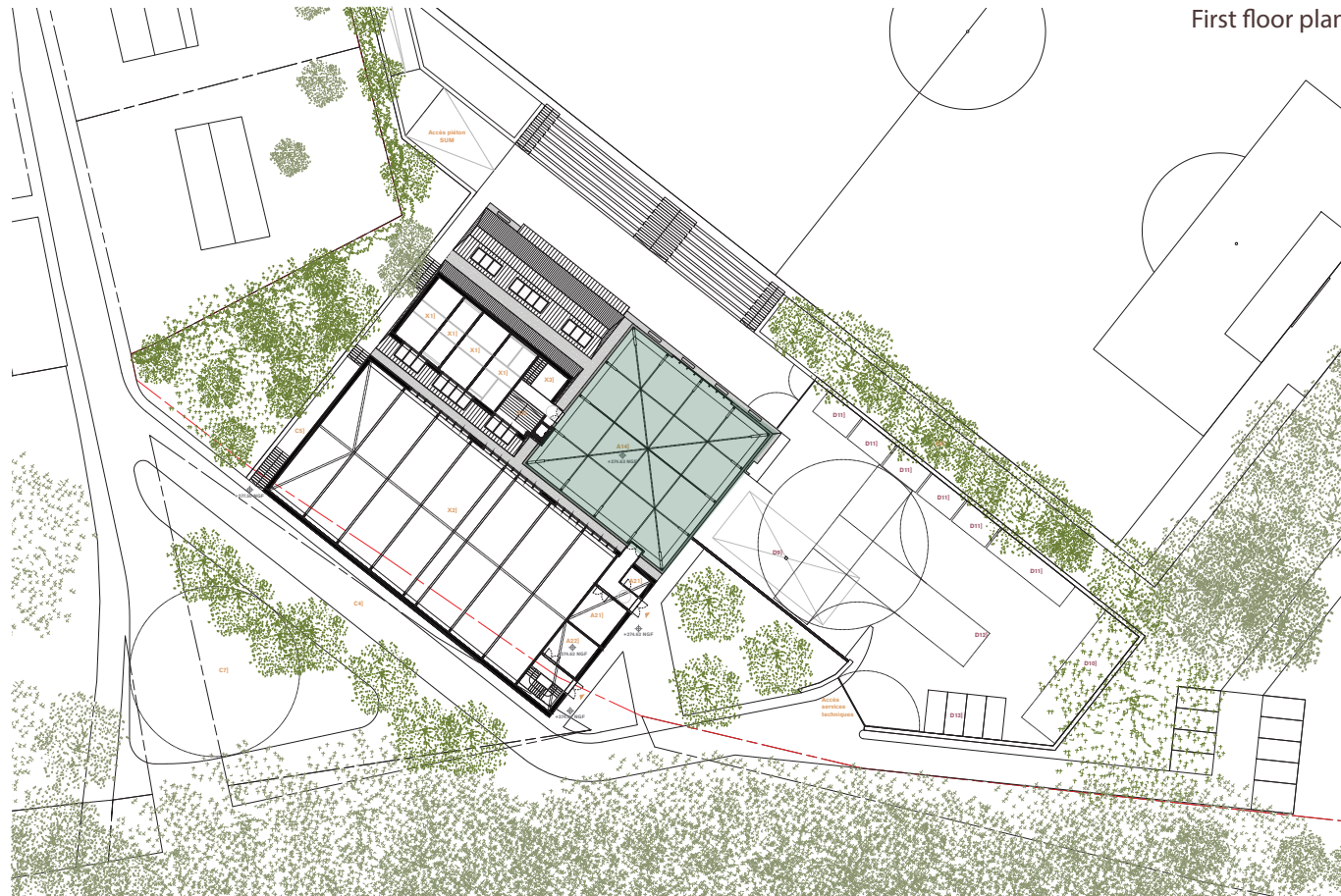
Strengthen the landscape framework of the site

There is a national highway up the hill behind the land plot. That's why our proposal consists of falls in the natural slope of the hill. We are expanding the landscape, planting trees before the technical courtyard, and all around the project. The project fits into the landscape.

Finally, this project must be exemplary in terms of ecology and sustainability.



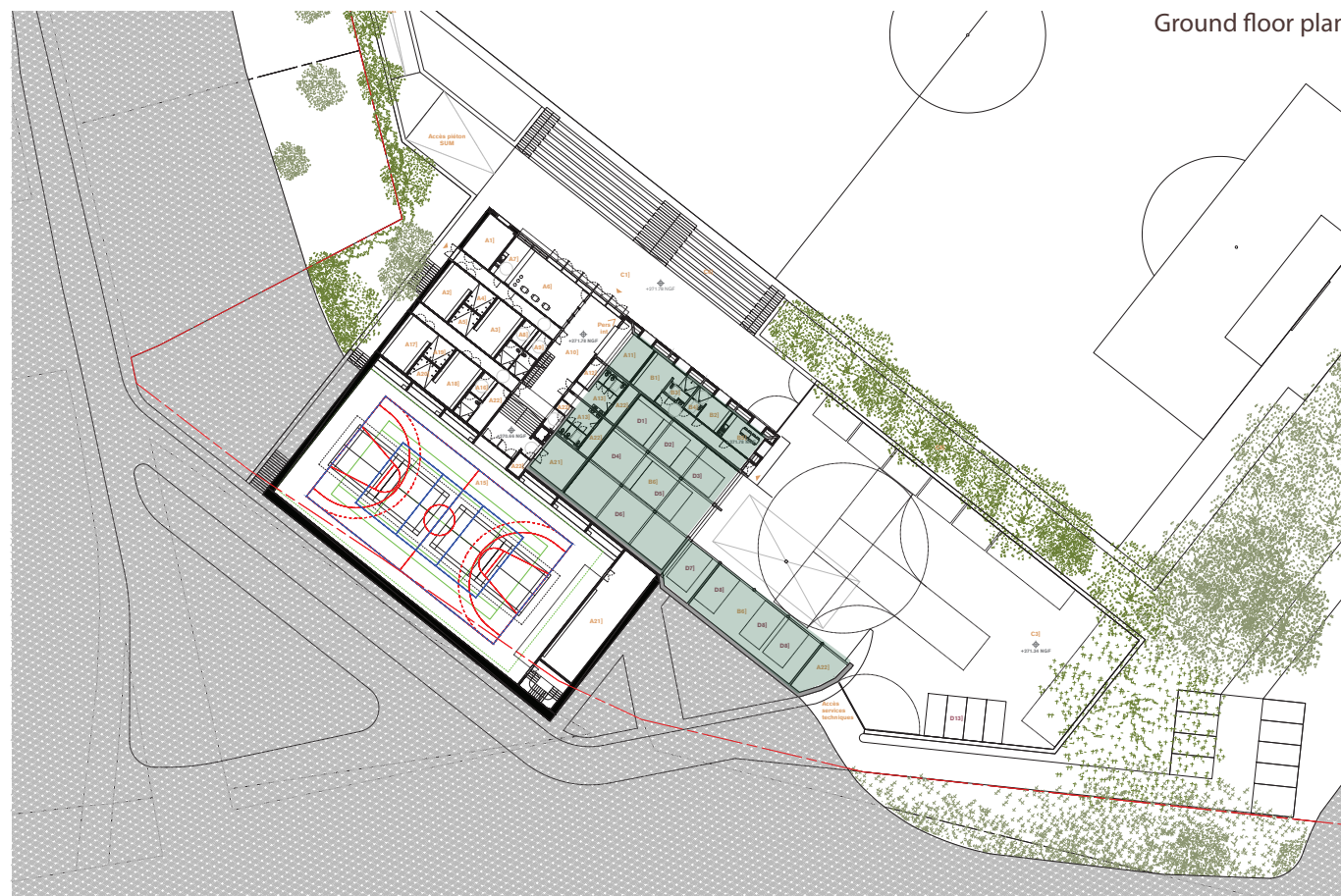
First floor plan



Rehabilitated existing building



Ground floor plan



View from the entrance hall



Public facilities : sports hall, library and 16 housings, Saint-Mandrier-sur-Mer

Programm → Sports hall [gyms, dojo and sporting centres] +mediatheque + 16 housings

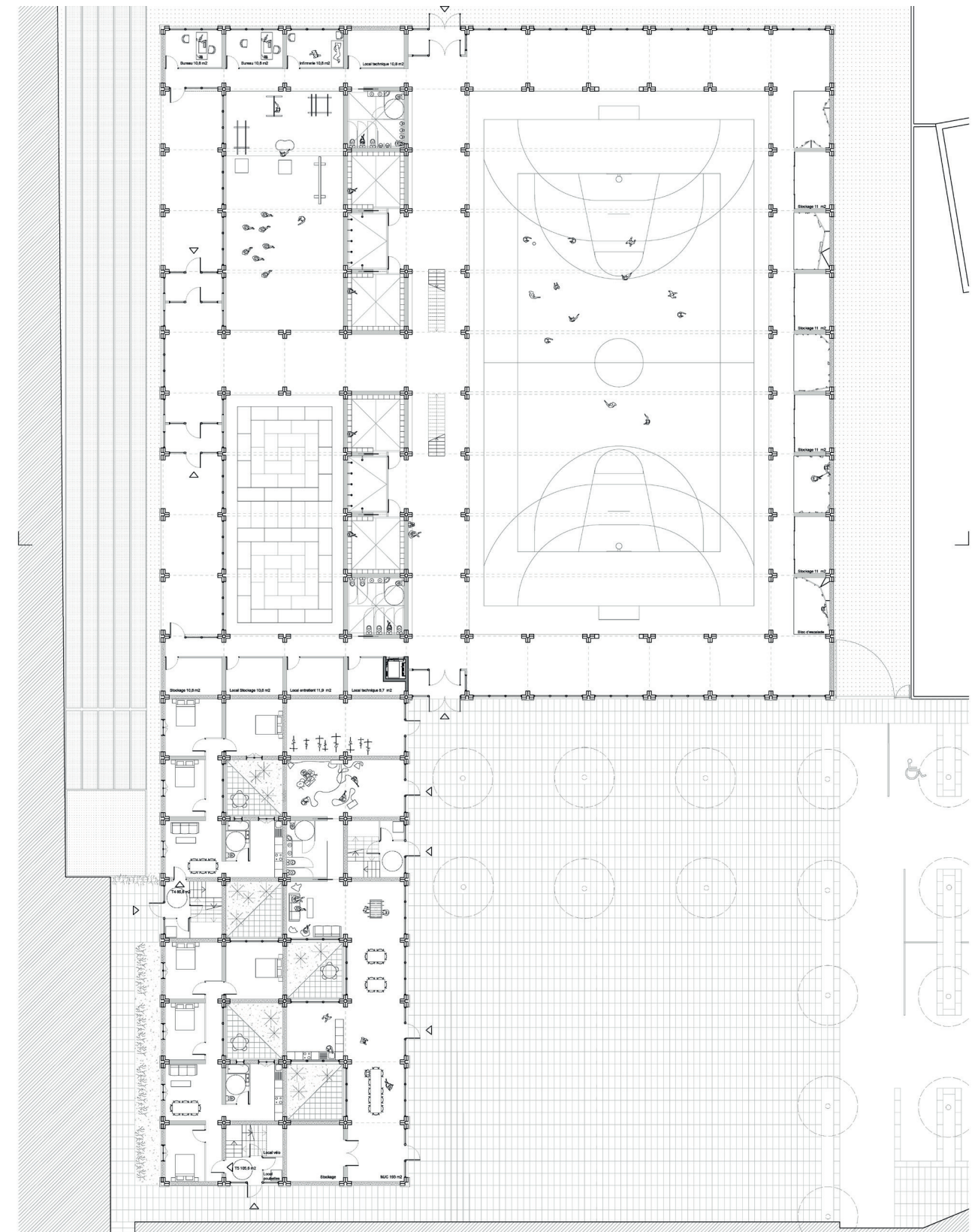
Competition → Call launched by the Var department (FR) : « Imagine a 2.0 sports hall »

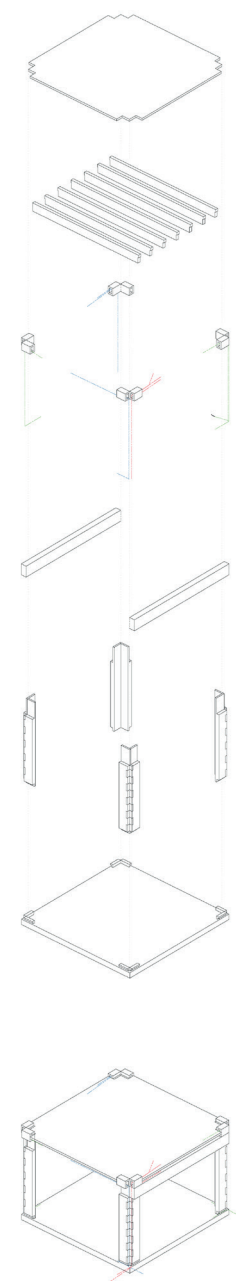
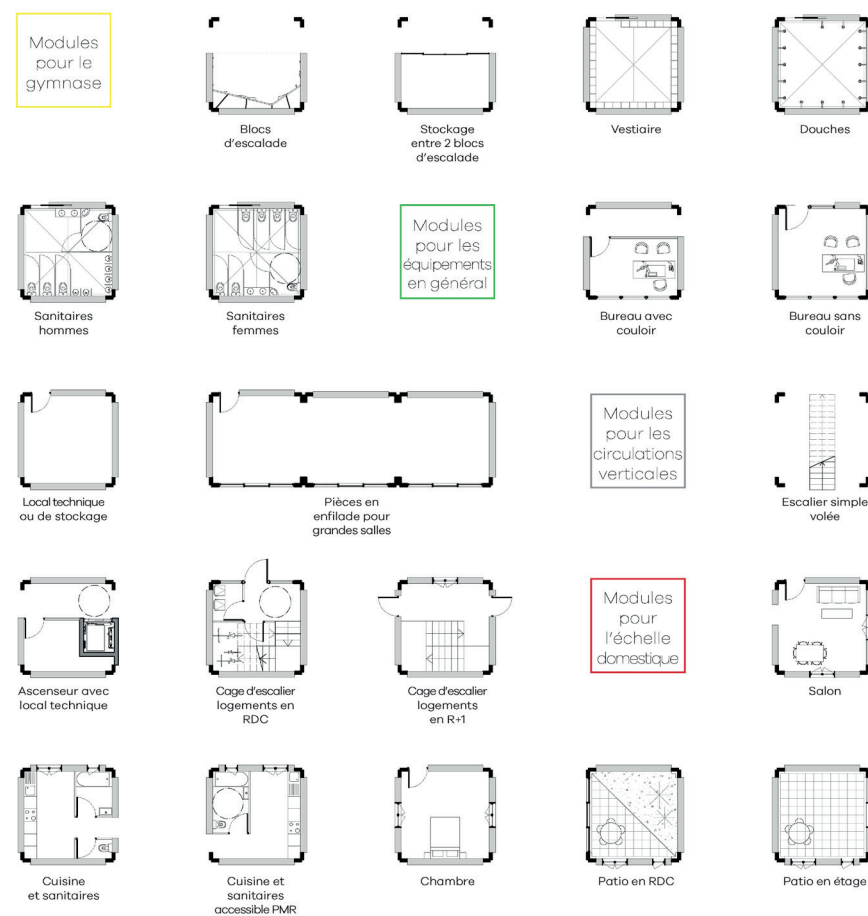
Call for ideas open to the young architects and final year students

Price → Finalist project

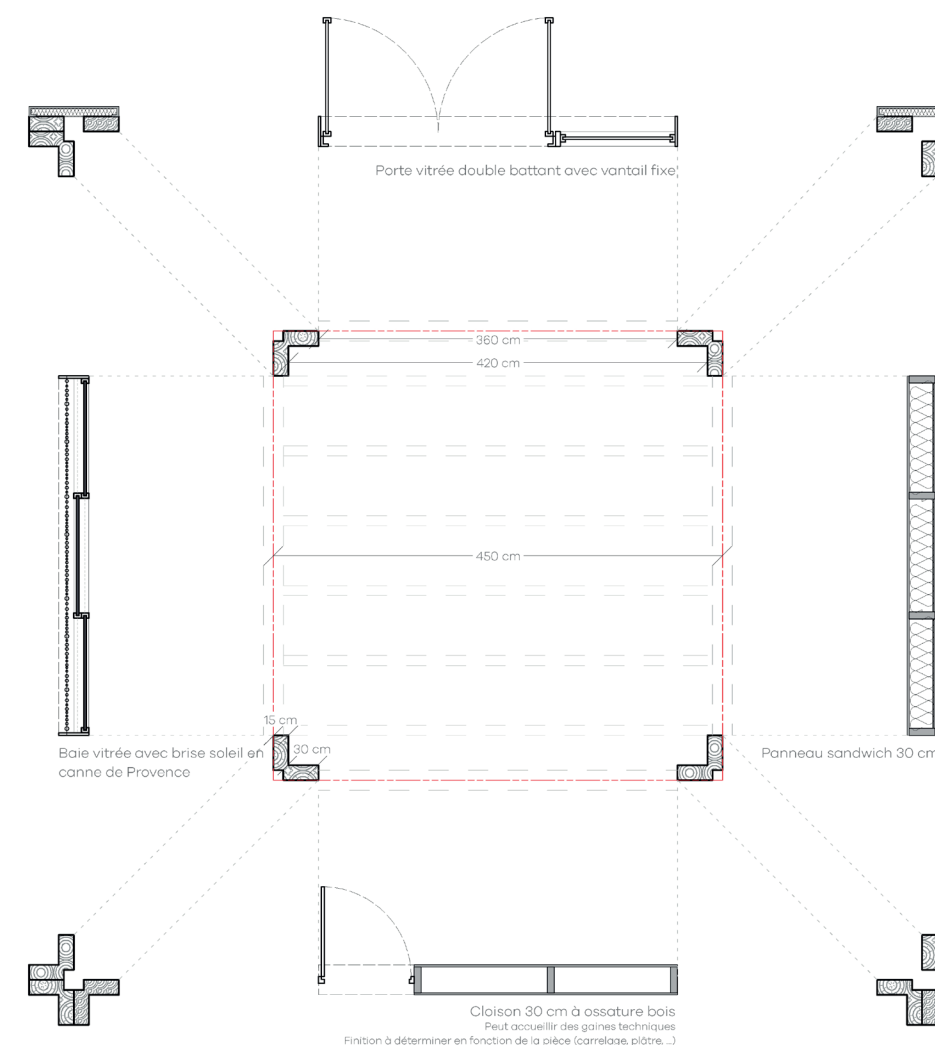
Year → 2017

This project aimed to find the right composition of a sports hall plan according to a principle : make holes (sports fields) in a grid. It takes as a basic unit a wooden module, which not only hosts the servant spaces but also plays a structural role. The second idea was to enrich the program by diversifying its uses. This would create a more economically sustainable project. We proposed a library on the gymnasium floor. Finally, to avoid an isolated building from the rest of the city, I proposed to integrate a set of 12 housing units in the continuity of the sports hall.



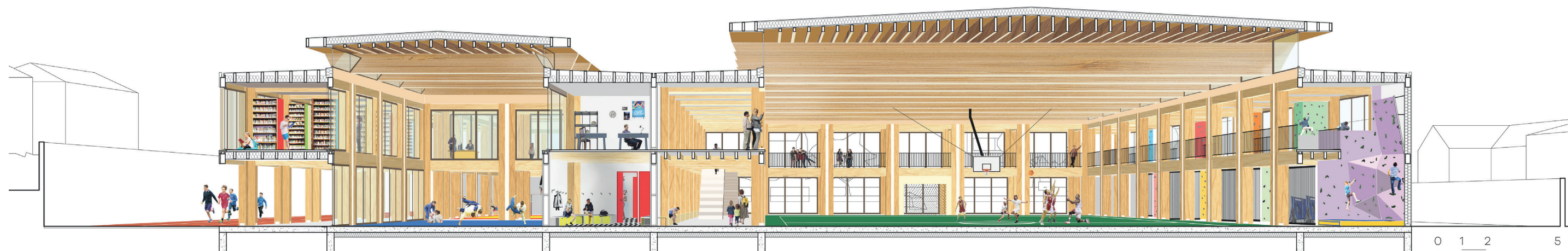


Wooden structure element
and electrical grids



0 0,5 1 2,5 1/50

Modules are the unit of the project. Wooden structure elements are made in a factory and assembled on-site. They are designed for domestic scale: the interior side is a multiple of 60cm, which suit to a kitchen block for example. The area of a module is approximately 17m². Technical ducts are included in module assembly.



0 1 2 5

4. URBANISM / LANDSCAPE

« Tonneins, landscape acupuncture for an urban renewal » A sustainable urban & architectural planning, Tonneins

End-of-study project (Diploma)

In 3 steps →

1. Territorial analysis
2. Theorising of an urban & architectural planning by «acupuncture»
3. Requirement definition and programming : Public baths redevelopment + creation of an urban elevator + creation of a nautical base

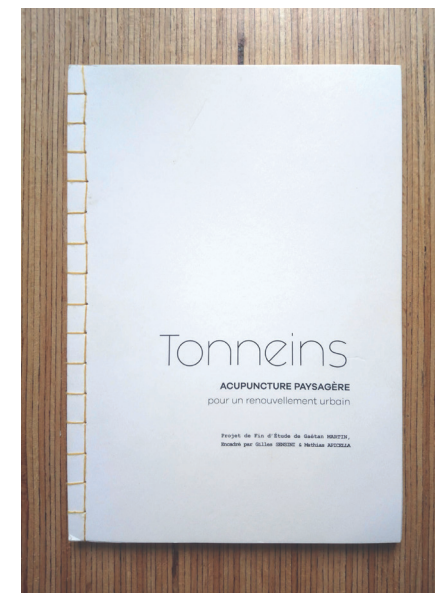
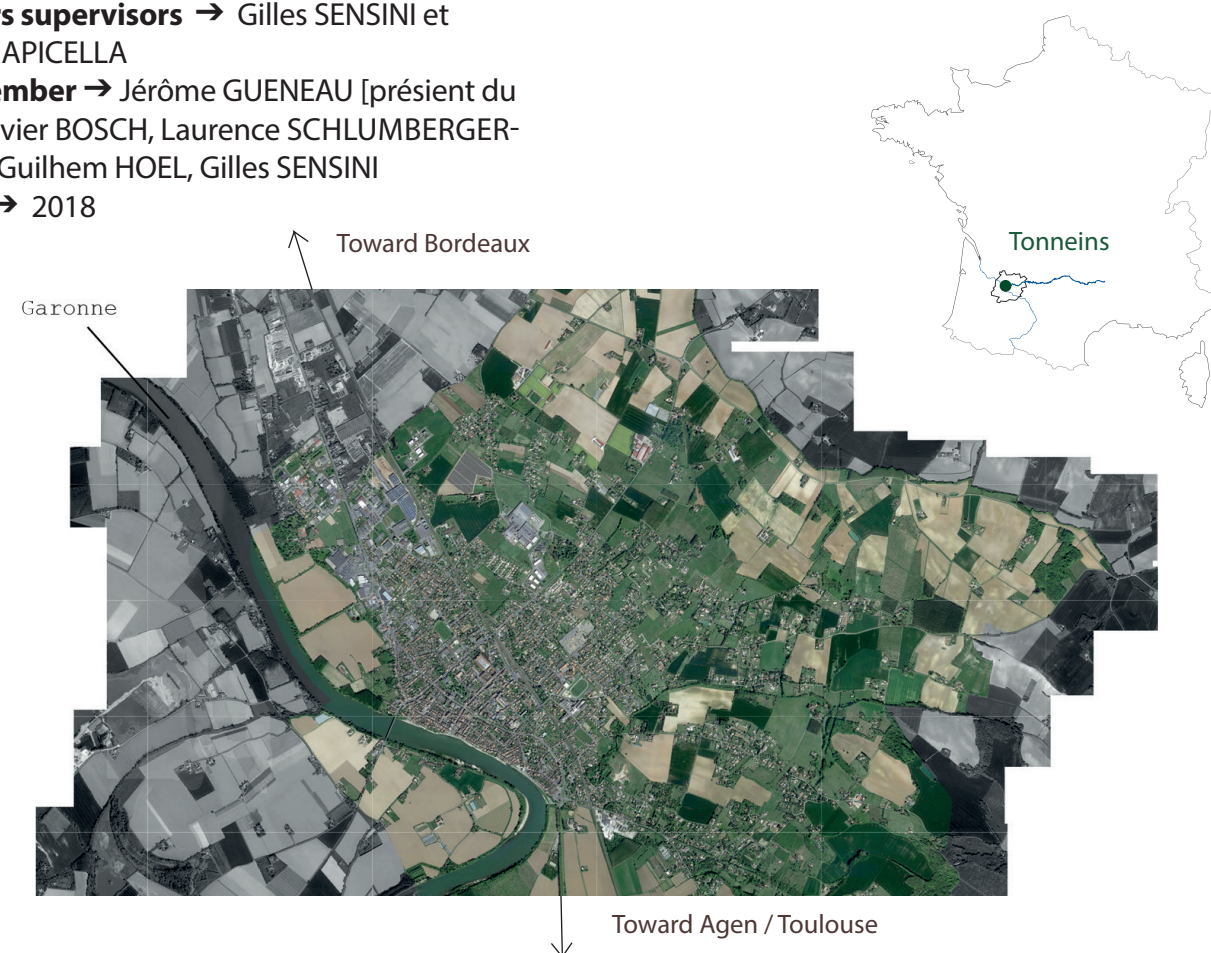
Teachers supervisors → Gilles SENSINI et Mathias APICELLA

Jury member → Jérôme GUENEAU [présient du jury], Olivier BOSCH, Laurence SCHLUMBERGER-GUEDJ, Guilhem HOEL, Gilles SENSINI

Année → 2018

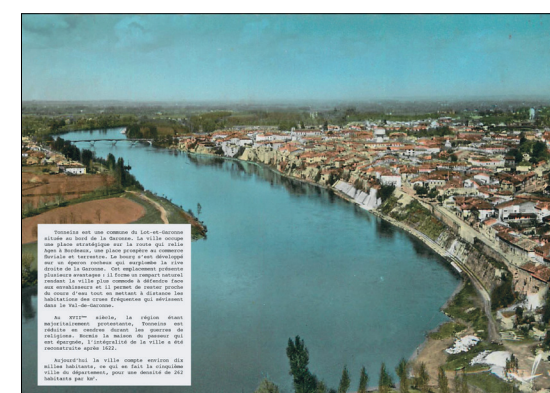
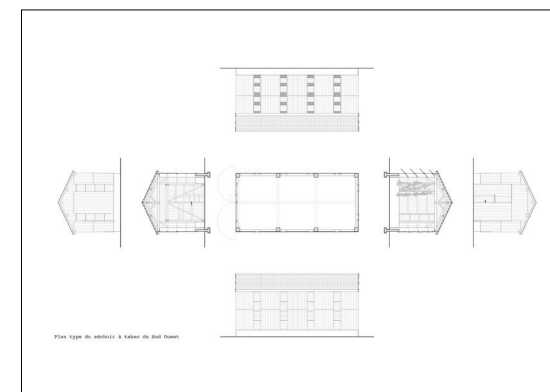
Tonneins is a rural town that has a strong history in the tobacco economy. A lot of tobacco used to be planted locally. The tobacco factory closed in 2000 and the town center became increasingly impoverished. Like many France medium-sized towns, Tonneins is going through an identity crisis. The city needs a new planning development model.

My degree project was divided into three stages: A deep territorial analysis concluded in a (presentation booklet) describing the city and defining the main issues. I imagined a method that could work like «acupuncture»: trying to stimulate the development of the city with only **3 singular and emblematic architectural projects**.



The booklet is the key to understanding all the projects and the town of Tonneins. It's like a territorial atlas. It collects old postcards, surveys, drawings, and aerial photographs...

You can find it by following this link : <http://gaetan-martin.com/tonneins.html>

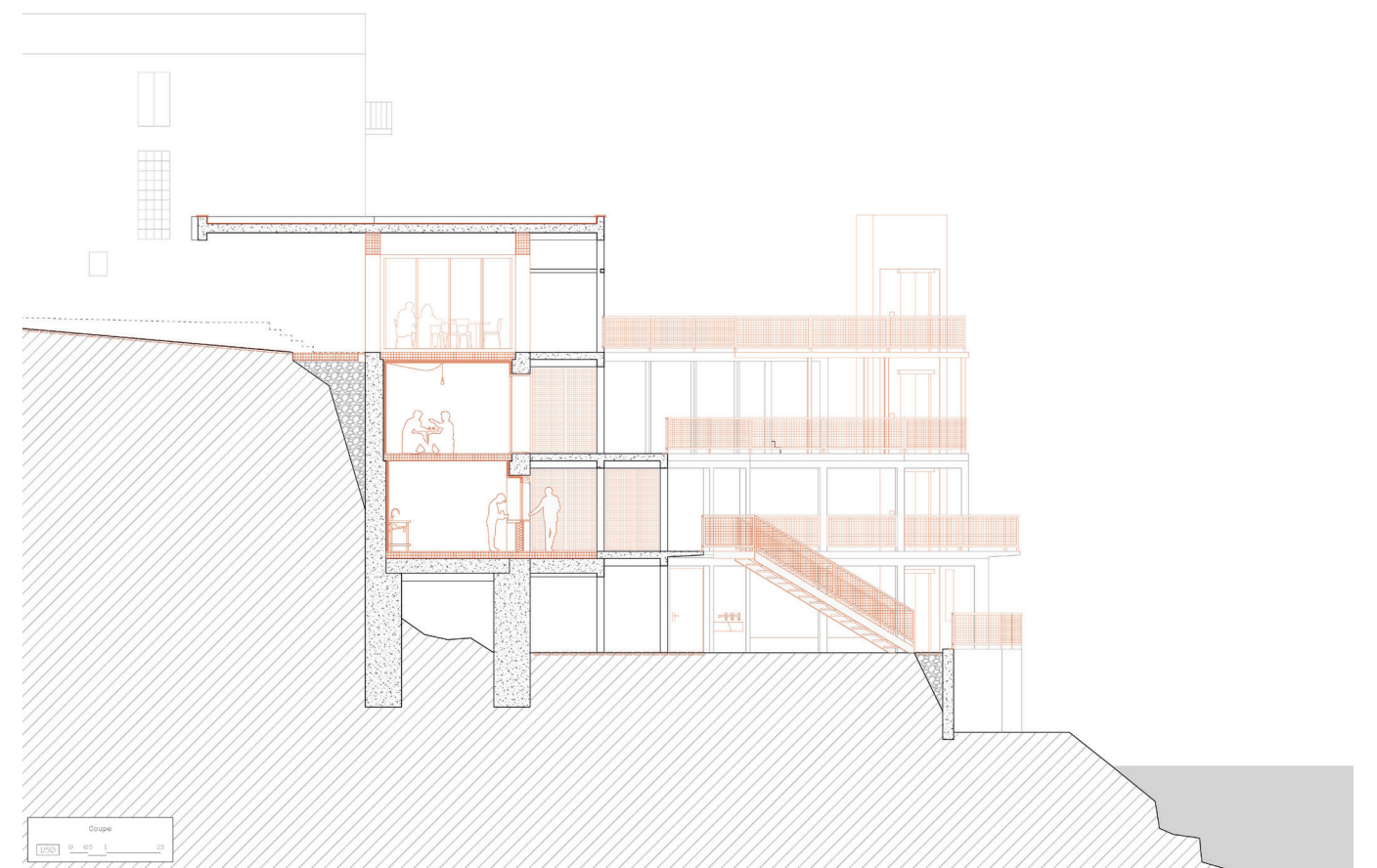
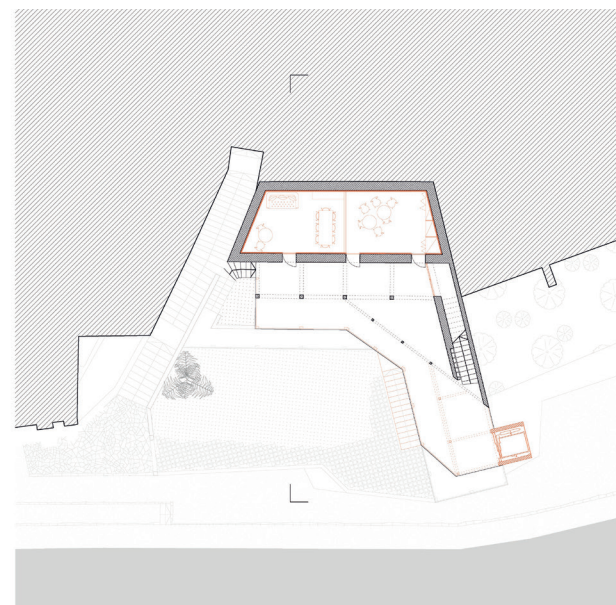
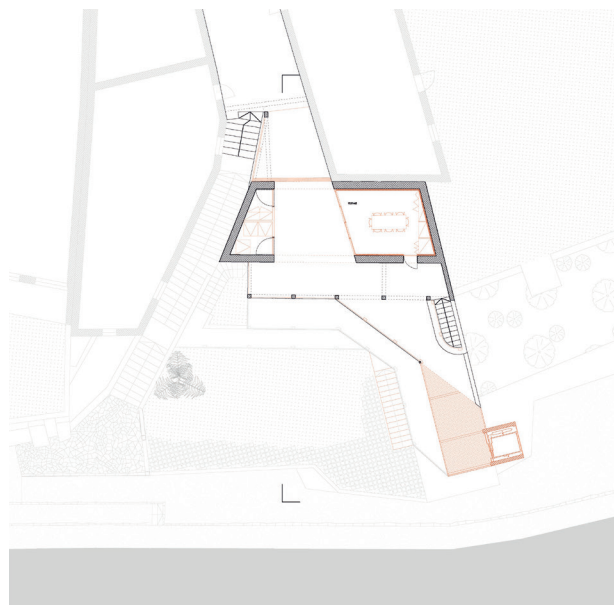


Public baths redevelopment into community center

The Tonneins public baths have been abandoned since the 1970s. Their modern architecture is remarkable, with large terraces facing southwest towards the Garonne (river). The building consists of an old section made of traditional masonry and an extension made of concrete posts and beams.

By opening up the top level and creating accessible terraces, the project aims to create public space that runs through the project. The old section of the building is to be renovated, with several office associations created and served from the terraces.

The terraces become a social place that associations can own and animate, and where passers-by can walk freely.

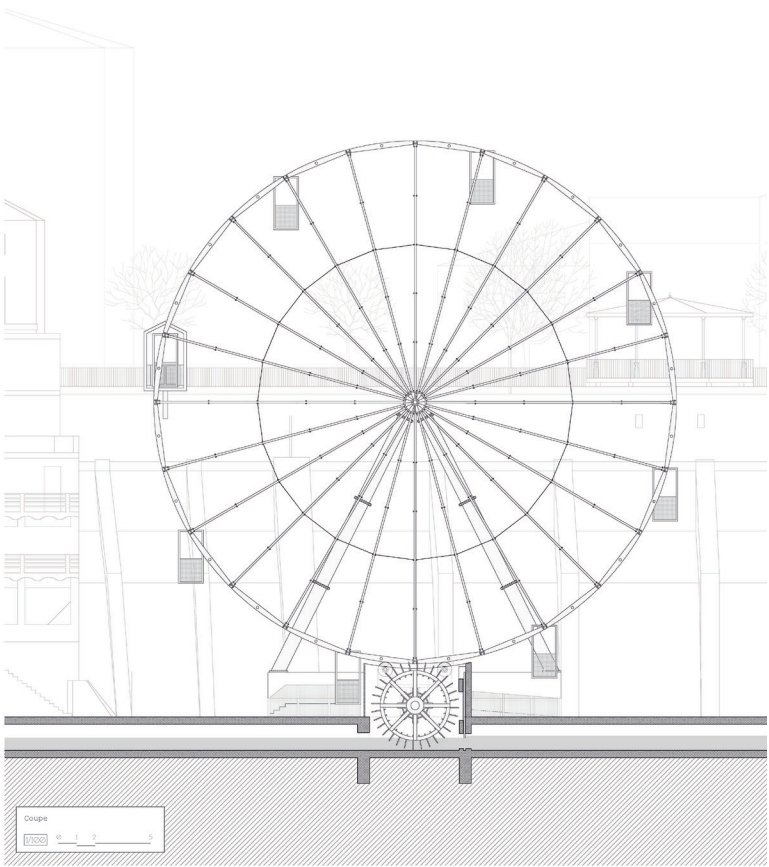
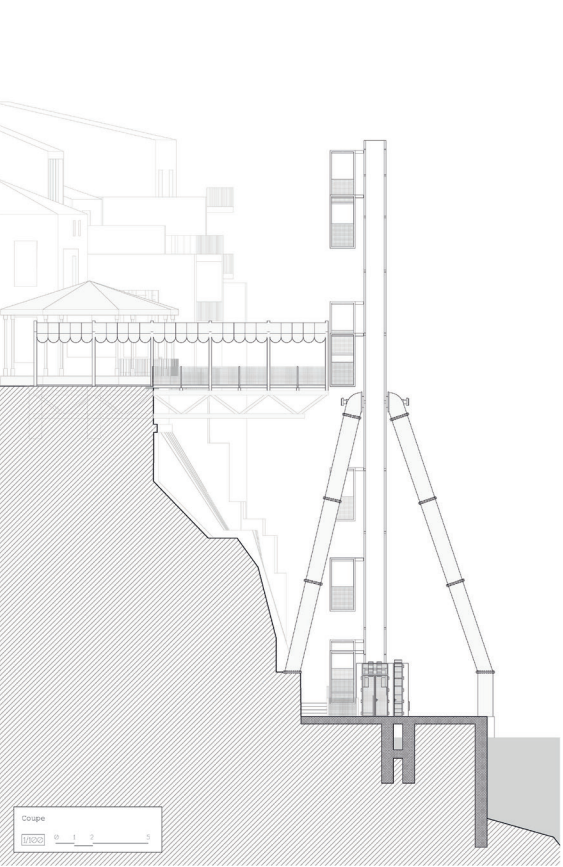
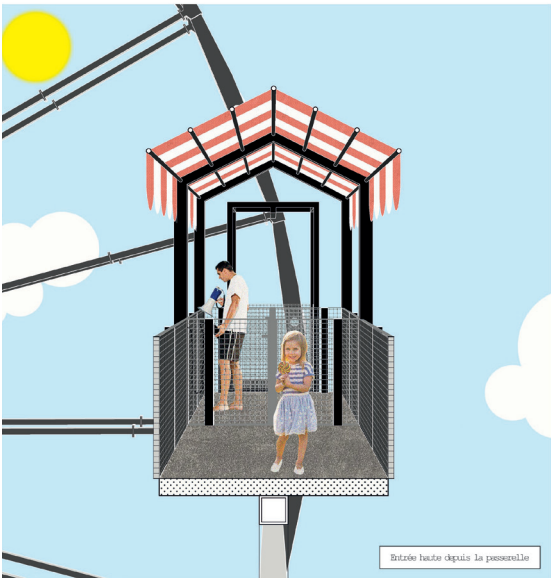
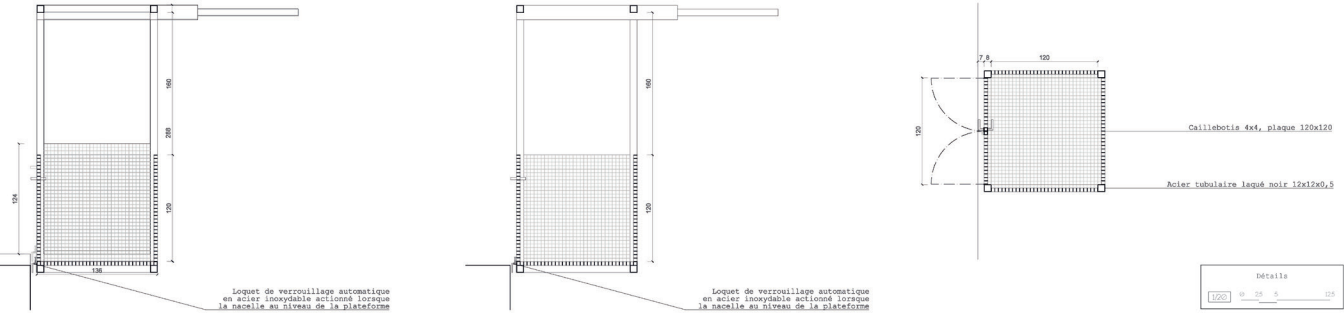
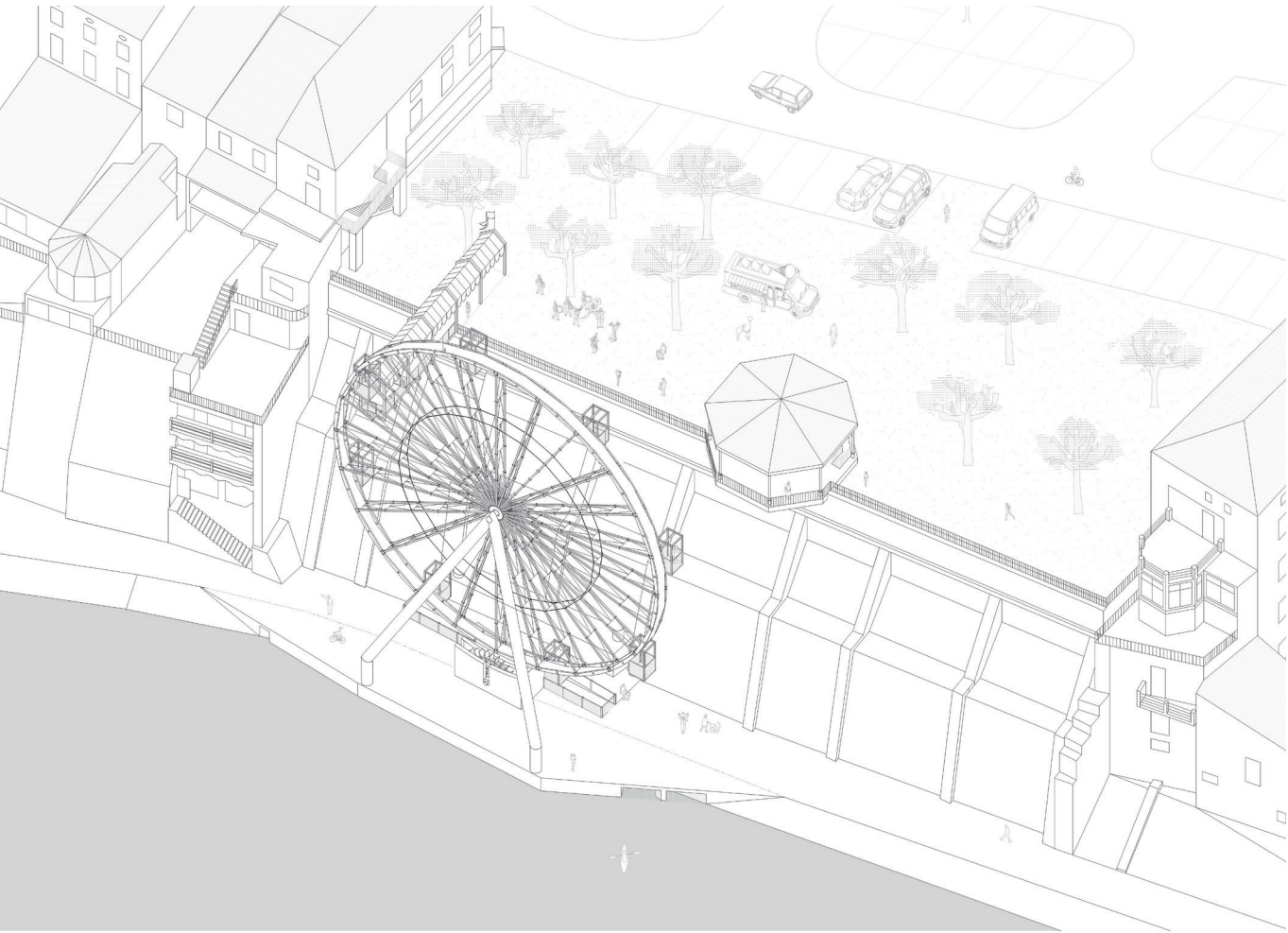


Creation of an urban elevator

The docks of Tonneins suffer from an accessibility problem, with only 4 public stairs. Since the closure of the Seita, an ambient gloom has invaded the city.

Ce projet a pour ambition de ramener de la poésie au coeur de la ville tout en remplissant la fonction d’ascenseur urbain. On l’emprunte au niveau de la place, on découvre le panorama sur la ville, puis on descend au niveau des quais de Garonne. L’objet est volontairement spectaculaire et iconique, tel un phare, il signale les quais.

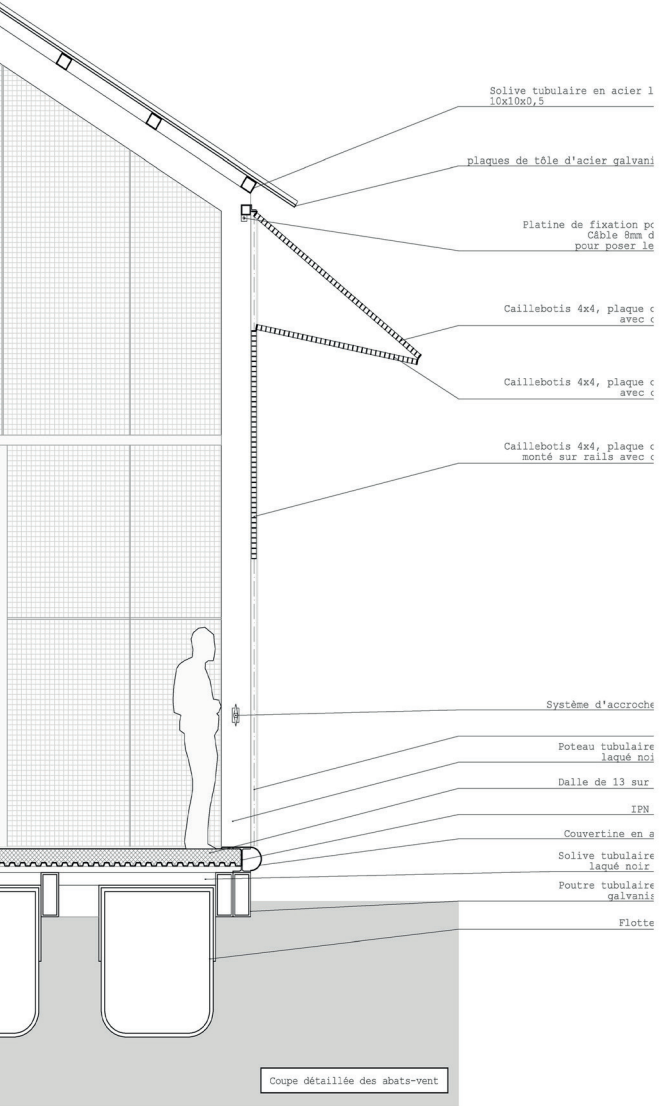
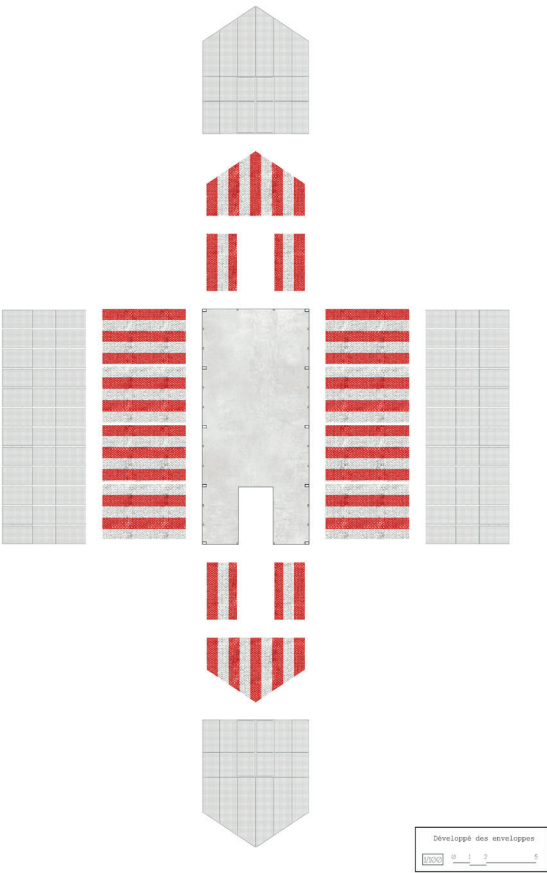
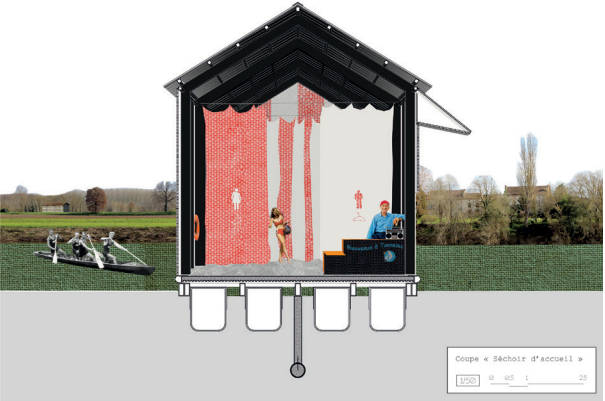
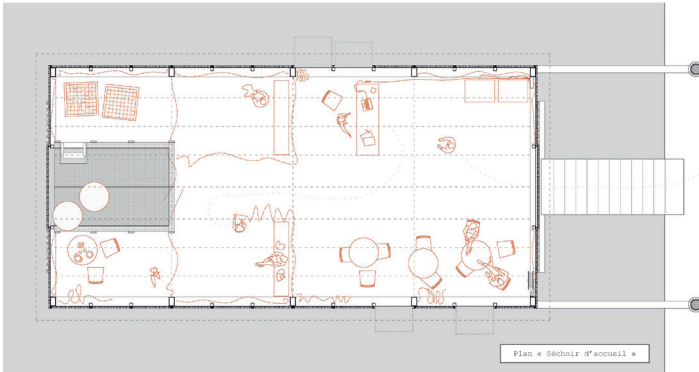
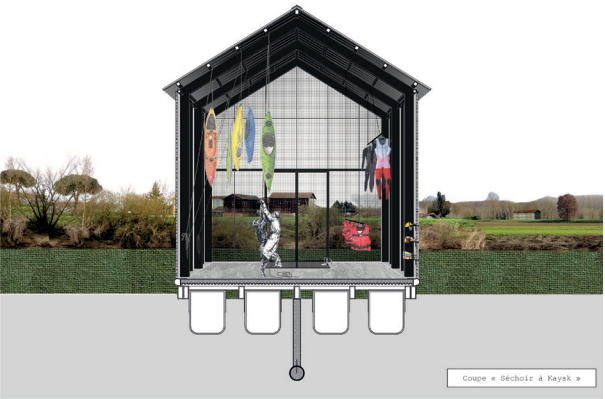
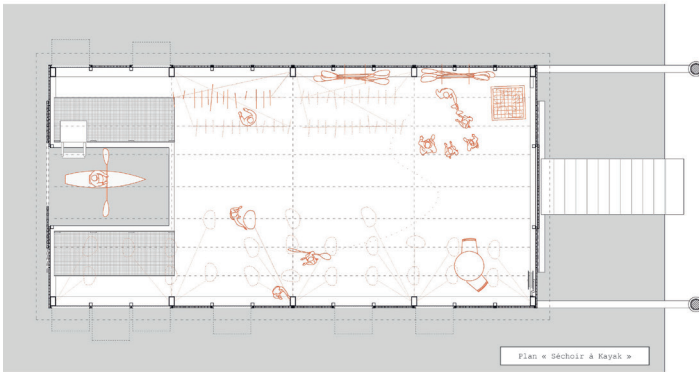
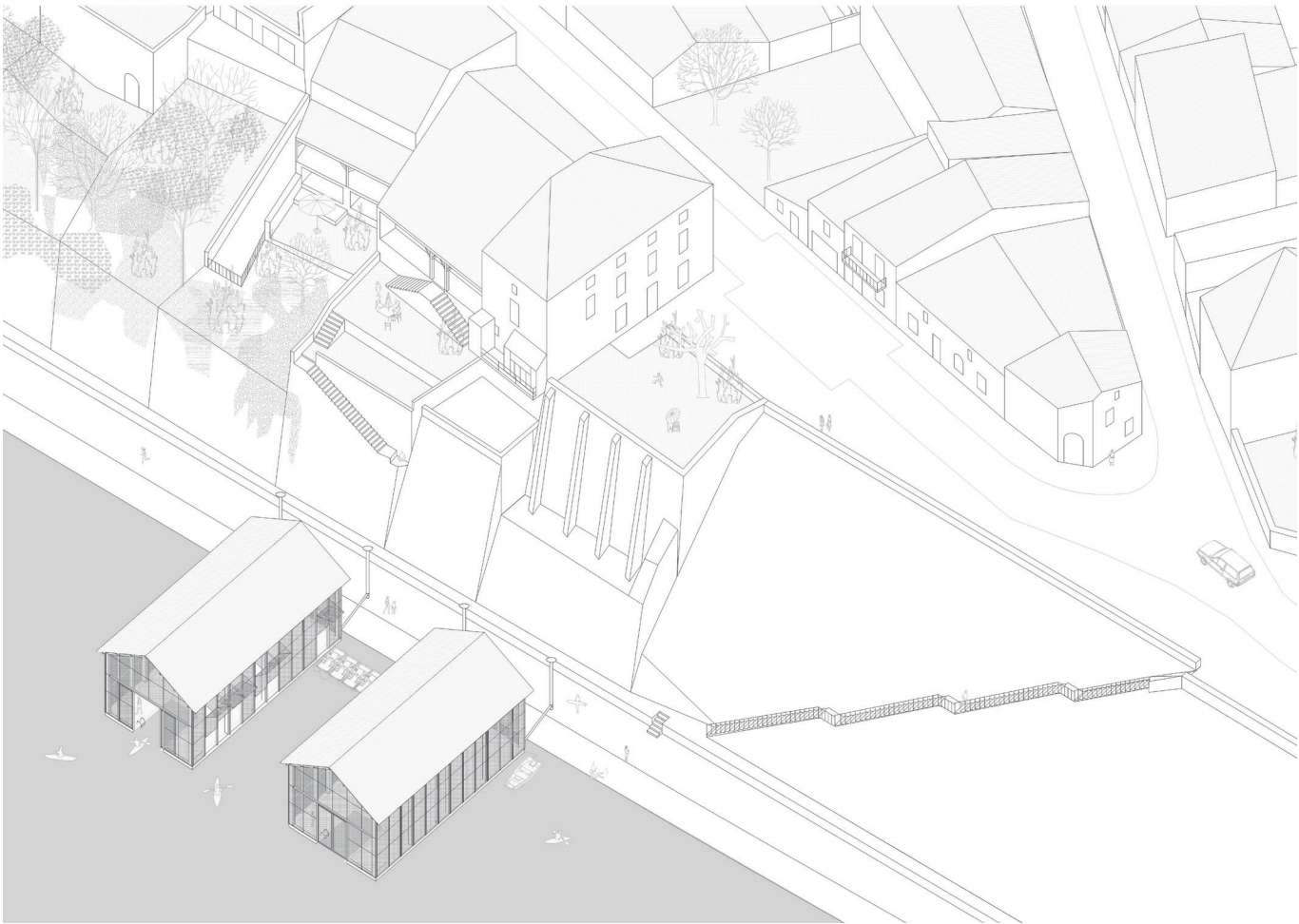
Les nacelles sont en caillebotis, un matériau qui se décline dans l’ensemble des projets. La grande roue est fixée sur un socle en béton, qui cana-lise l’eau de la Garonne. Le courant actionne une turbine pour alimenter le moteur électrique de la grande roue. Le dispositif mécanique est protégé par un mur en béton en cas de crues.



Création d'une base nautique

Postcards show that water sports (kayaking and rowing) have been practised in Tonneins since the first half of the 20th century. Today, the kayak club occupies modest premises on the ground floor of a house, close to the Garonne. It clearly lacks a place to promote water sports.

The nautical base is also a tribute to the tobacco era, the proposed project is a replica of the tobacco dryer. It takes the same volume and drying by suspension kayaks as manouques once (tobacco bouquet). The project is dressed in fabrics in summer. It becomes an iconic object of the river, like a signal.



Re-qualification of the public space of the town centre of Rambervilliers

Programm → Complete master plan and design for historic square, promenade and new square

Client → Rambervilliers city

Studio → Atelier cité architecture

My role → Project officer

Team → Verdi Grand Est [infrastructure engineer], Abies [Gardener designer]

Mission → competition [first price] + project development + construction license

Area → 19 000 m²

Budget → 1,74 M€

Years → 2019-2020

The regeneration of public spaces in the city centre, involving the city in an ambitious process.

_How can the historical and natural heritage be transformed into an area for life and the future, responding to the challenge of sustainable development?

_What changes are needed to make the city centre attractive again?



The historical heritage is the town's asset. The town hall and the church are the identity of Rambervilliers. We believe that development must be soft and based on what is already there (« déjà -là »).

Our action plan is based on 3 components: soft, sustainable and flexible.

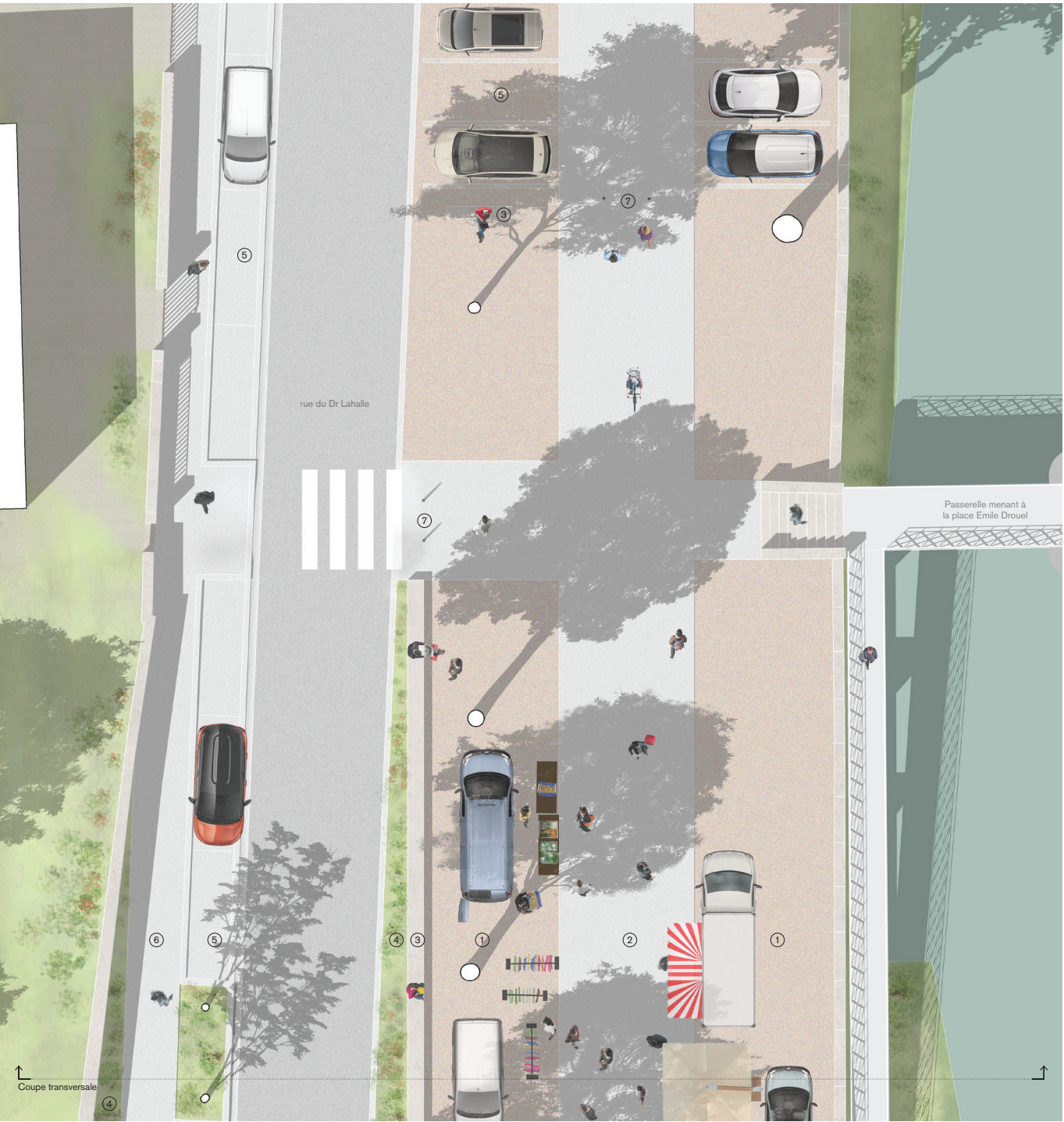
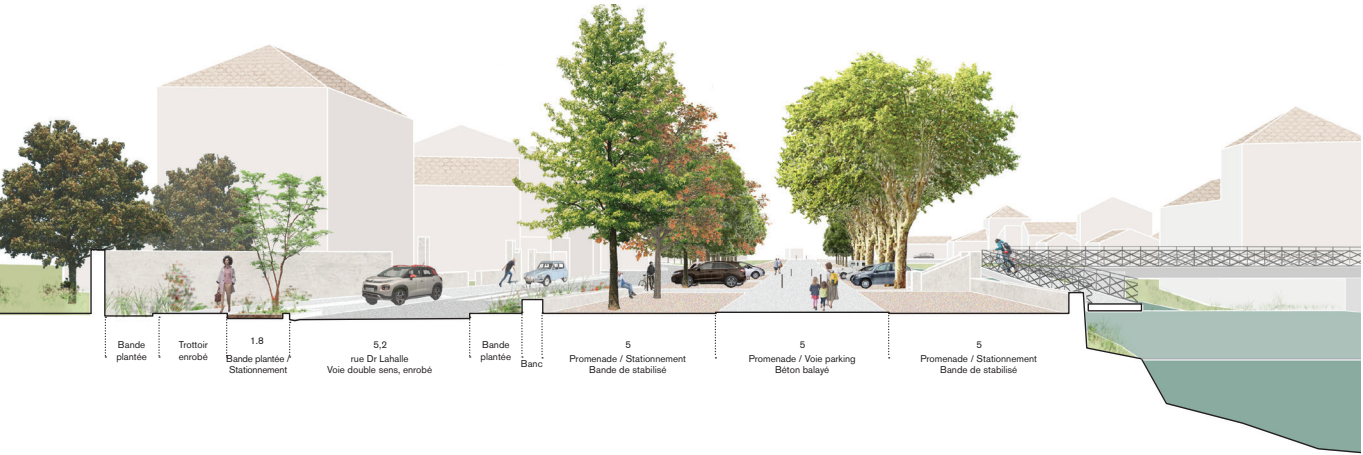
Soft, by privileging what is already there. Our project starts from the context, by preserving and valuing the heritage.

Sustainable, by finding simple and robust amenities, privileging local resources (local stone for the floor, native plantations, ...), using low-tech details.

Flexible, by creating open public spaces that welcome city events: the market-place, the second-hand market, the fair, the funfair, the carnival, the national holiday, ...

The promenade

Historically, it was a military training area near a barracks. Today, it's a large car park of no great quality. We are transforming the site with a series of urban sequences: sometimes promenade, car park, market place, green park, playground, ...



REVETEMENTS			
PAGE	NOM	LOT	DESIGNATION
N°1	30S_R1	N°1	PAVÉS 1 FACE FLAMMÉE 5 FACES ÉCLATÉES
N°2	30S_R2	N°1	PAVÉS 6 FACES ÉCLATÉES
N°4	30S_Z3	N°1	DALLES 1 FACE FLAMMÉE 5 FACES ÉCLATÉES
N°6	30S_R4	N°1	ENROBÉ

REQUALIFICATION DES ESPACES PUBLICS DU CENTRE ANCIEN DE RAMBERVILLERS
PLACE DU 30 SEPTEMBRE
 atelier Cité architecture_architecte urbaniste
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→ Extract from the detail book

BORDURES			
PAGE	NOM	LOT	DESIGNATION
N°X	30S_B1	N°1	BORDURE EP.20CM CHANFREIN 4CM
N°X	30S_B2	N°1	BORDURE EP.20CM CHANFREIN 2CM
N°X	30S_B3	N°1	BORDURE EP.20CM D'ARRET
N°X	30S_B4	N°1	BORDURE EP.10CM
N°X	30S_B5	N°1	CANIVEAU
N°X	30S_B6	N°1	BORDURE COURBE R=4m

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PAGE	NOM	LOT	DESIGNATION
N°1	30S_R1	N°1	PAVÉS 1 FACE FLAMMÉE 5 FACES ÉCLATÉES

DESCRIPTION
 Pavés à joints croisés pour espaces piétons
 • Epaisseur 12cm
 • Dimensions 10 x 10cm
 • Joints 10 à 15 mm
 • Toutes faces éclatées et face visible 10x10 finition flammée

AXONOMETRIE 1/5

PLAN 1/10

COUPE 1/10

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PAGE	NOM	LOT	DESIGNATION
N°1	30S_R1	N°1	PAVÉS 1 FACE FLAMMÉE 5 FACES ÉCLATÉES

PLAN DE REPERAGE 1/400

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PAGE	NOM	LOT	DESIGNATION
N°X	30S_B1	N°1	BORDURE EP.20CM CHANFREIN 4CM

DESCRIPTION
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 • Face visible flammée

AXONOMETRIE 1/10

PLAN 1/10

COUPE 1/10

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N°X	30S_B1	N°1	BORDURE EP.20CM CHANFREIN 4CM

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PAGE	NOM	LOT	DESIGNATION
N°2	30S_R2	N°1	PAVÉS 6 FACES ÉCLATÉES

DESCRIPTION
 Pavés à joints croisés pour voies circulables
 • Epaisseur 12cm
 • Dimensions 10 x 10cm
 • Joints 10 à 15 mm
 • 6 faces éclatées

AXONOMETRIE 1/5

PLAN 1/10

COUPE 1/10

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PAGE	NOM	LOT	DESIGNATION
N°2	30S_R2	N°1	PAVÉS 6 FACES ÉCLATÉES

PLAN DE REPERAGE

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PAGE	NOM	LOT	DESIGNATION
N°X	30S_B2	N°1	BORDURE EP.20CM CHANFREIN 2CM

DESCRIPTION
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AXONOMETRIE 1/10

PLAN 1/10

COUPE 1/10

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N°X	30S_B2	N°1	BORDURE EP.20CM CHANFREIN 2CM

PLAN DE REPERAGE 1/400

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PAGE	NOM	LOT	DESIGNATION
N°4	30S_Z3	N°1	DALLES 1 FACE FLAMMÉE 5 FACES ÉCLATÉES

DESCRIPTION
 Dalles à joints croisés
 • Epaisseur 12 cm
 • Dimensions 30x60cm
 • Joints 1cm
 • Face visible flammée

AXONOMETRIE 1/10

PLAN 1/20

COUPE 1/20

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PAGE	NOM	LOT	DESIGNATION
N°4	30S_Z3	N°1	DALLES 1 FACE FLAMMÉE 5 FACES ÉCLATÉES

PLAN DE REPERAGE

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PAGE	NOM	LOT	DESIGNATION
N°X	30S_B3	N°1	BORDURE EP.20CM D'ARRET

DESCRIPTION
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 • Face visible finition flammée

AXONOMETRIE 1/10

PLAN 1/10

COUPE 1/10

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N°X	30S_B3	N°1	BORDURE EP.20CM D'ARRET

PLAN DE REPERAGE 1/400

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Public spaces for a joint development zone, in Bonneuil-sur-Marne

Programm → Manage the development of public spaces for a joint development zone organised around a park

Client → Valophis Habitat + Bonneuil-sur-Marne city

Studio → Praxys [Paysagiste et urbaniste]

My role → Project officer

Team → M2H Atelier [Architect and urbanist mandataire], EPDC [infrastructure engineer], IETI [environmental consulting firm] et Frank Bouvier [Architect]

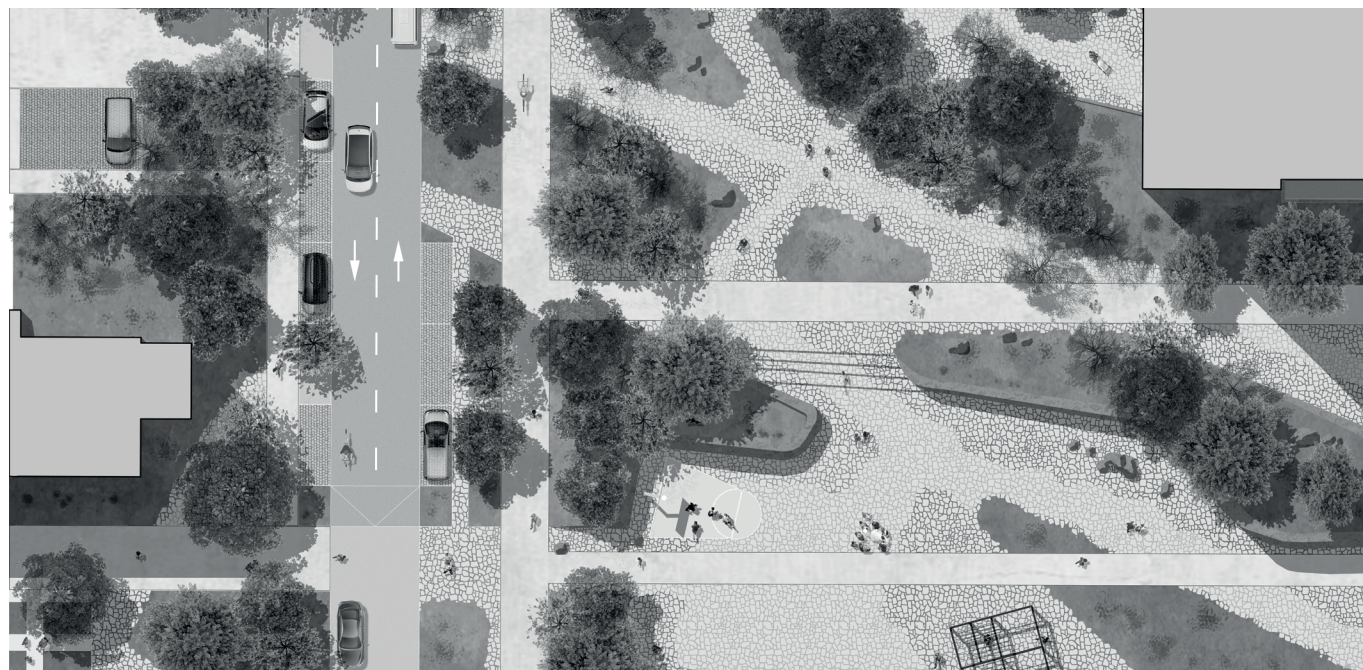
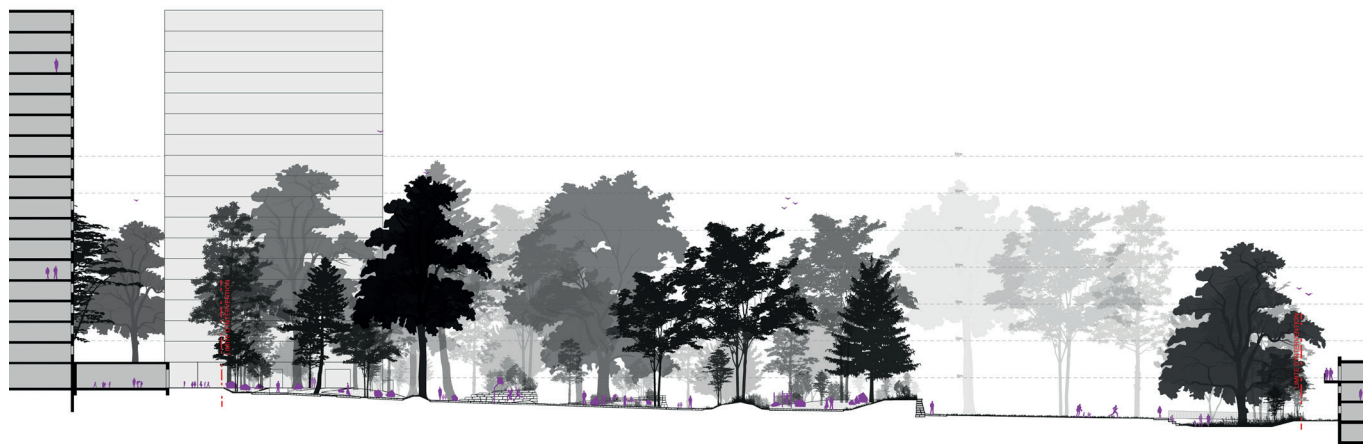
Mission → project development

Area → 100 000 m²

Budget → 17,4 M€

Year → 2021

Design of a park with a wide range of activities: children's playground, city stadium, informal playground, street sports, water games, petanque, skatepark, large lawn, etc. We thought about the water cycle. The design of the park allows rainwater to be collected and used for all the plantations.



Public areas around public facilities, Noisy-le-Sec

Programm → Manage the development of public spaces around public facilities

Client → Noisy-le-Sec city

Studio → Praxys [Landscape and urbanist]

My role → Project officer and site supervisor (weekly)

Team → INVAR [infrastructure engineer], ATA [Architect]

Mission → Site supervisor

Area → 5500m²

Budget → 1,4 M€

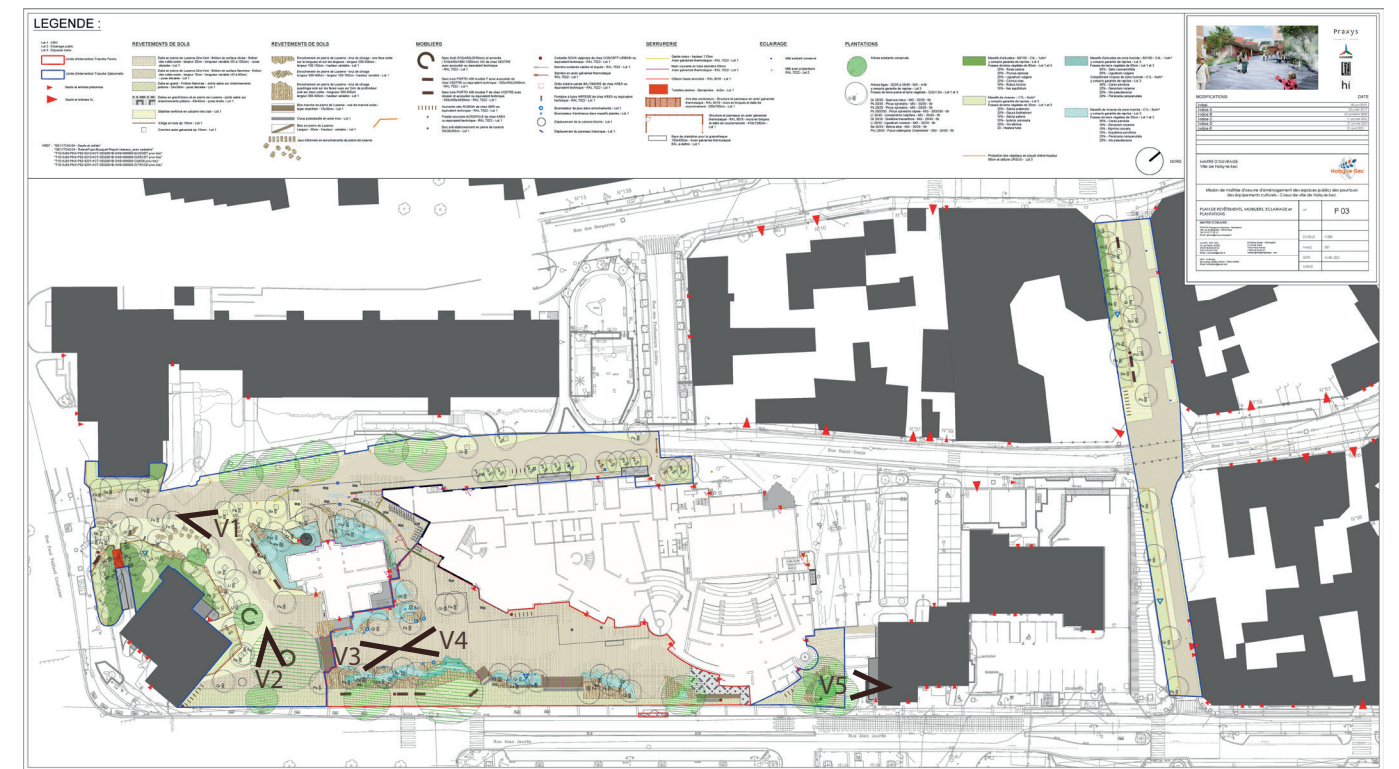
Year → 2021

Building companies →

SNTTP_Infrastructure, floors and street furniture

EIFFAGE ENERGIE SYSTEME_Public lighting

QUESNOT PAYSAGE - Gardener



Master plan - Amenities and floors



View 1



View 4_first stage already built



View 2



View 3



View 5

« The Bagnoli madness », Napoli [ITALY]

Programm → Reconversion of a factory waste-land into a Neapolitan park

School project → Master 1 (4th studying year)

Teachers → Jean-Marc CHANCEL [professor at the Marseille School of Architecture] + Workshop with the studio Point-Suprême [from Athens in Grece]

Team → Morgane DJAFER WARD + Nicolas GOUBIER

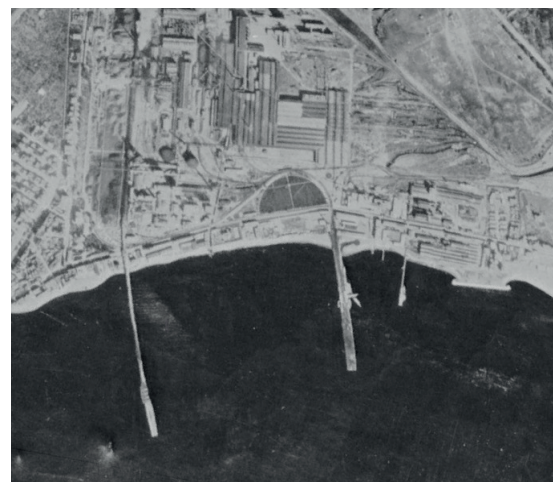
Year → 2017

After spending a week in Italy analysing the Neapolitan Palace, we started working in Bagnoli, a neighbourhood of Naples.

Due to the industrial era of the 20th century, the soil of Bagnoli is contaminated by the pollution.

The industrial wasteland and its ruins create a chaotic landscape that is very singular.

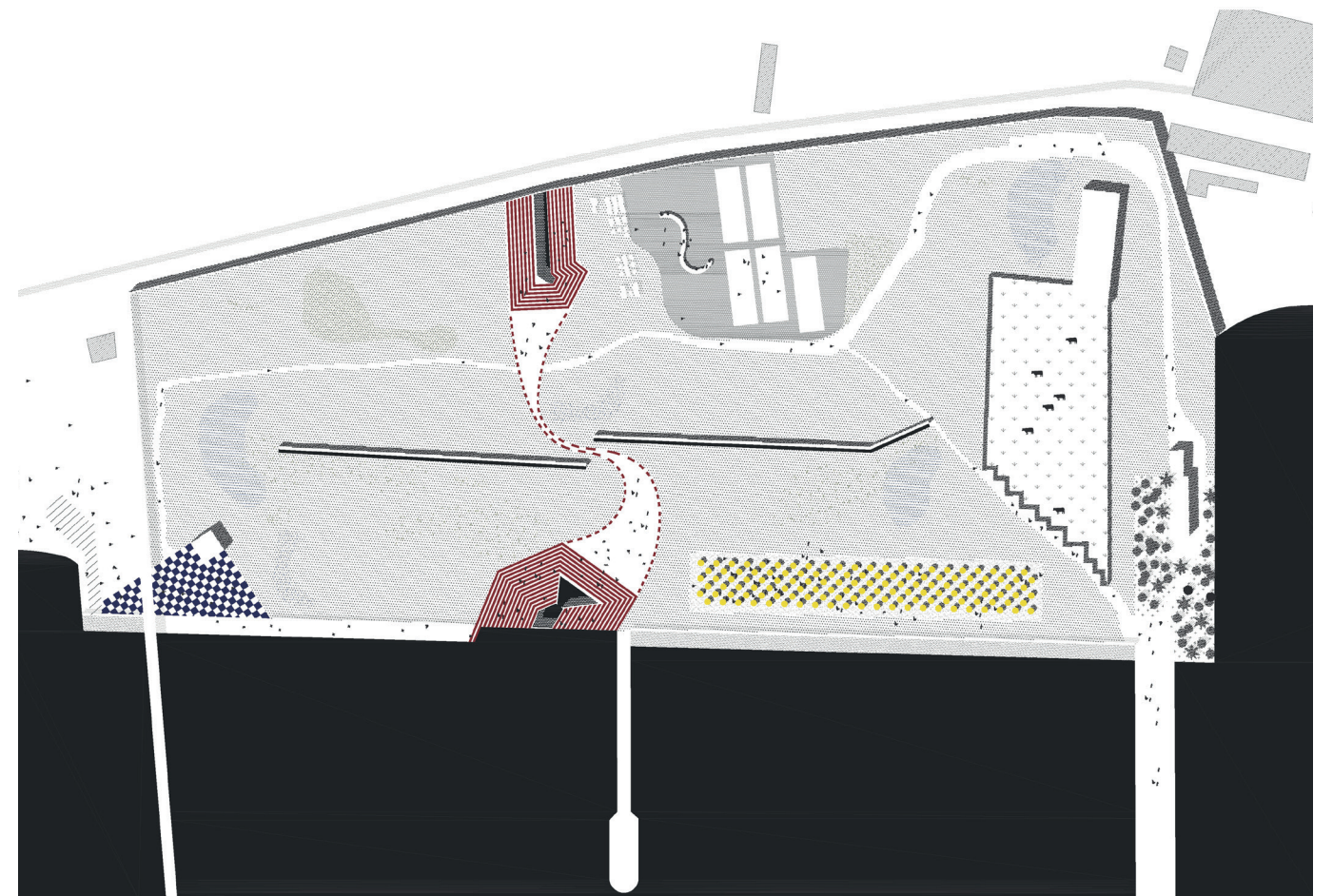
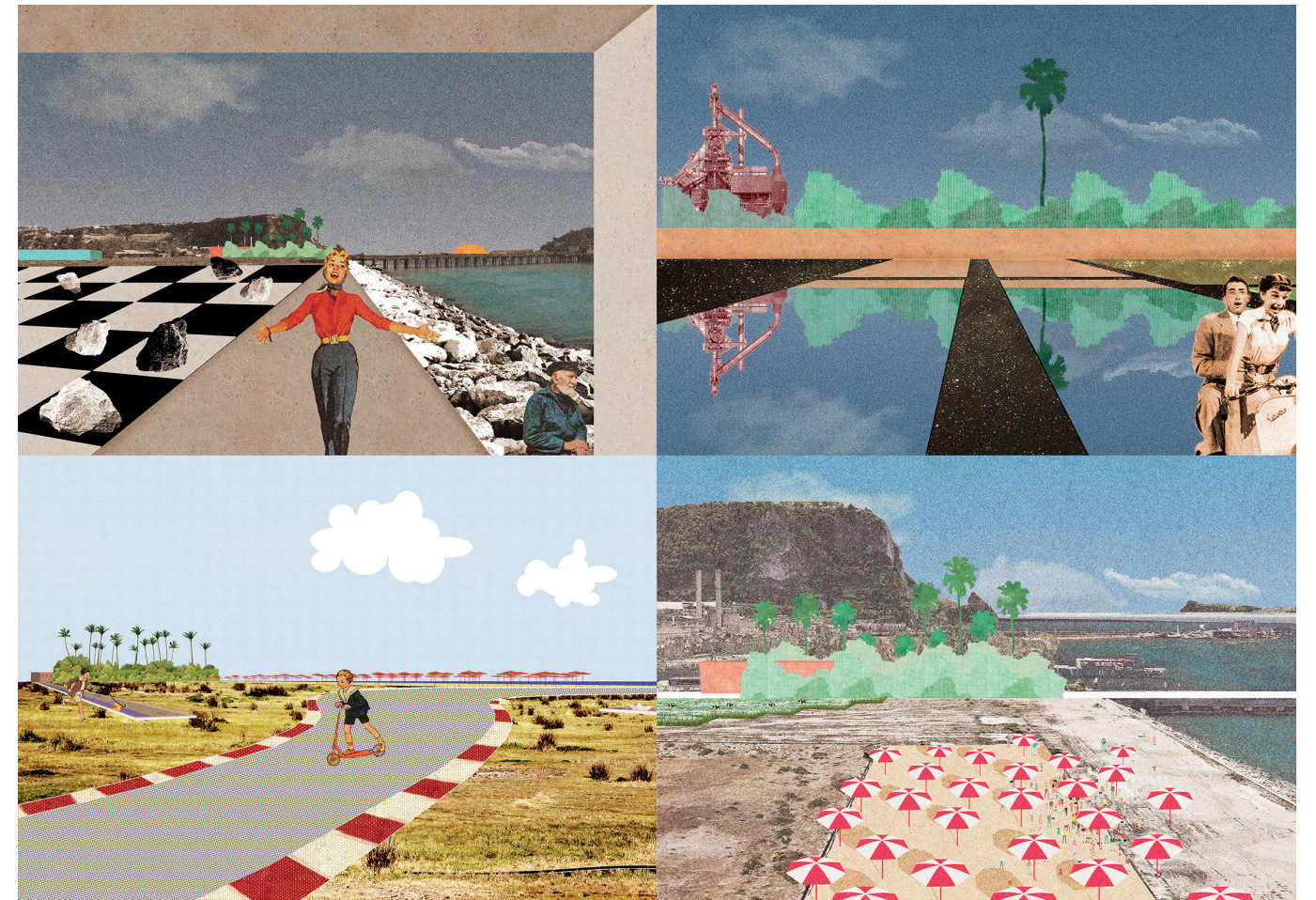
The working instructions was to design the future for this industrial area. We decided to transform Bagnoli into a park inspired by Neapolitan palaces, characterised by architectural exaggerations and surprises.

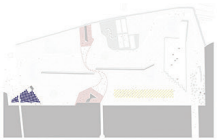


1960

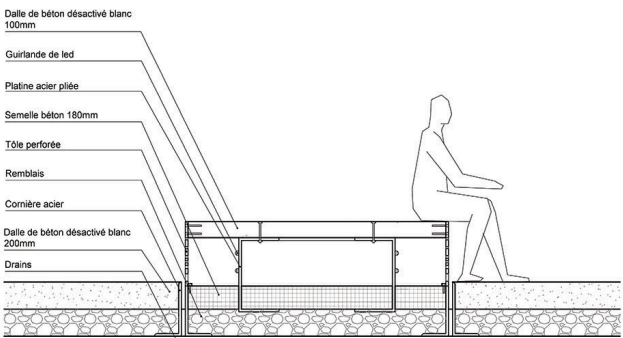
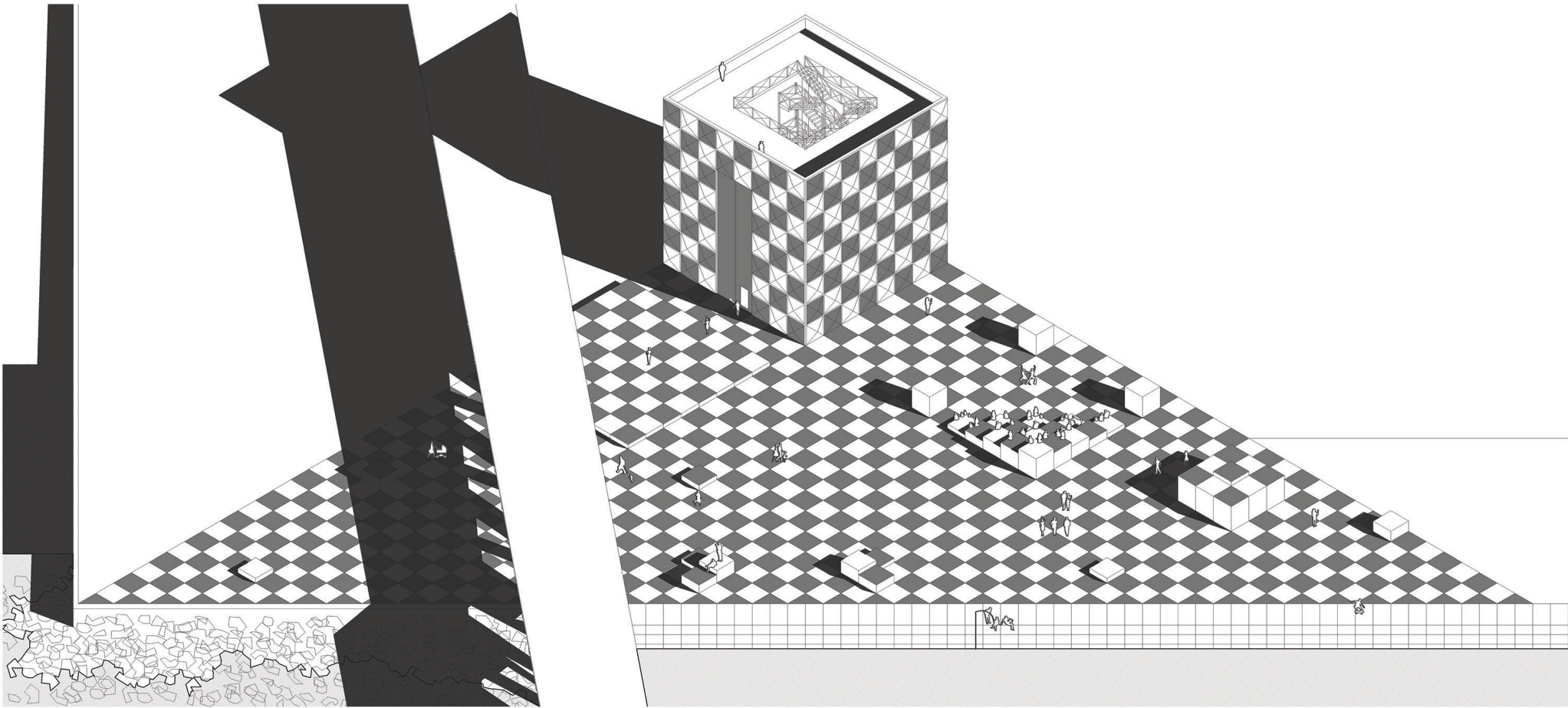


2017

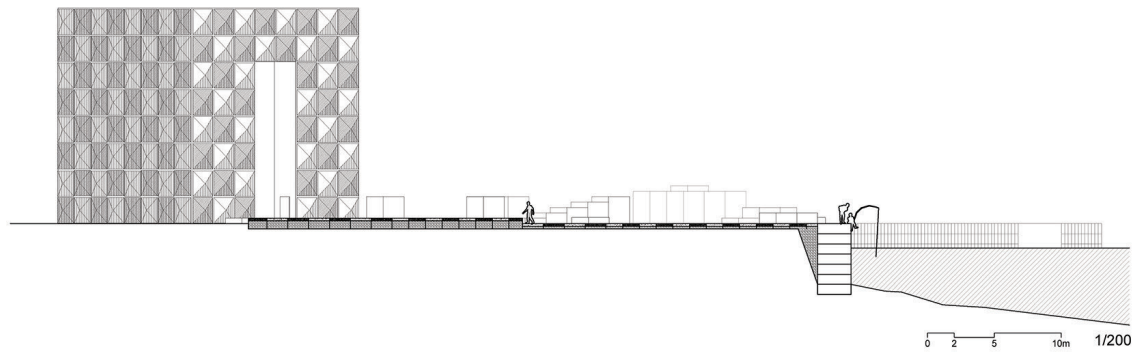
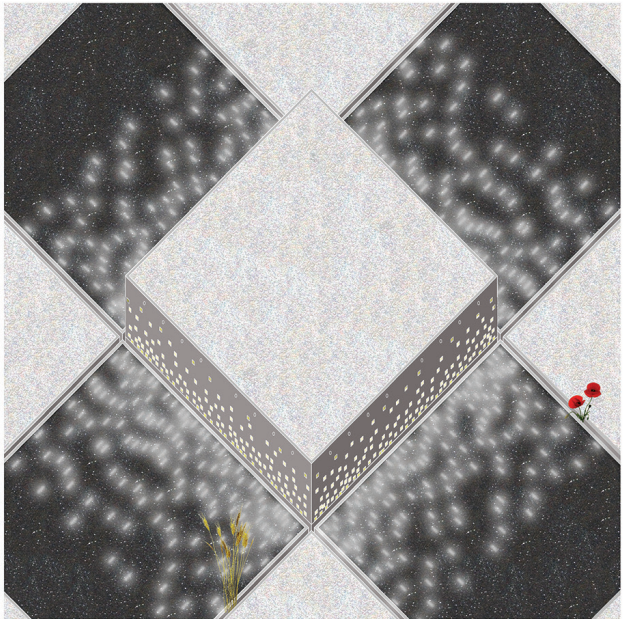




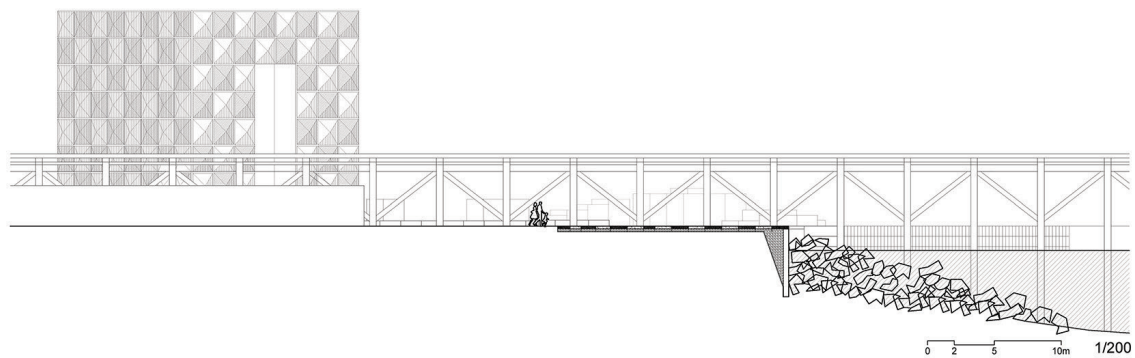
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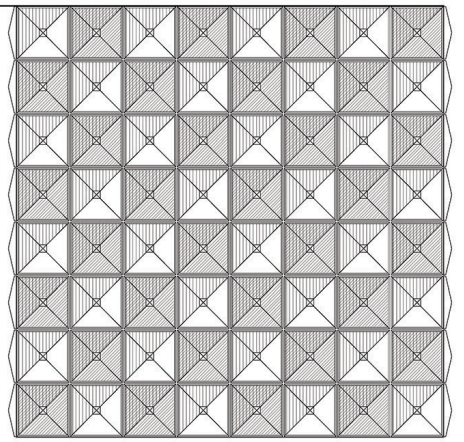
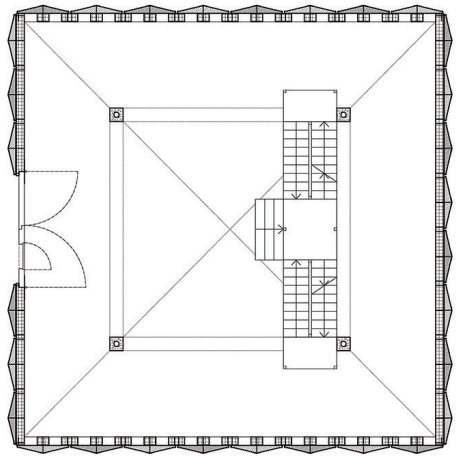
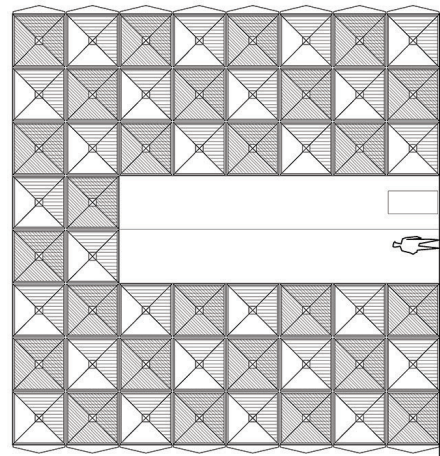
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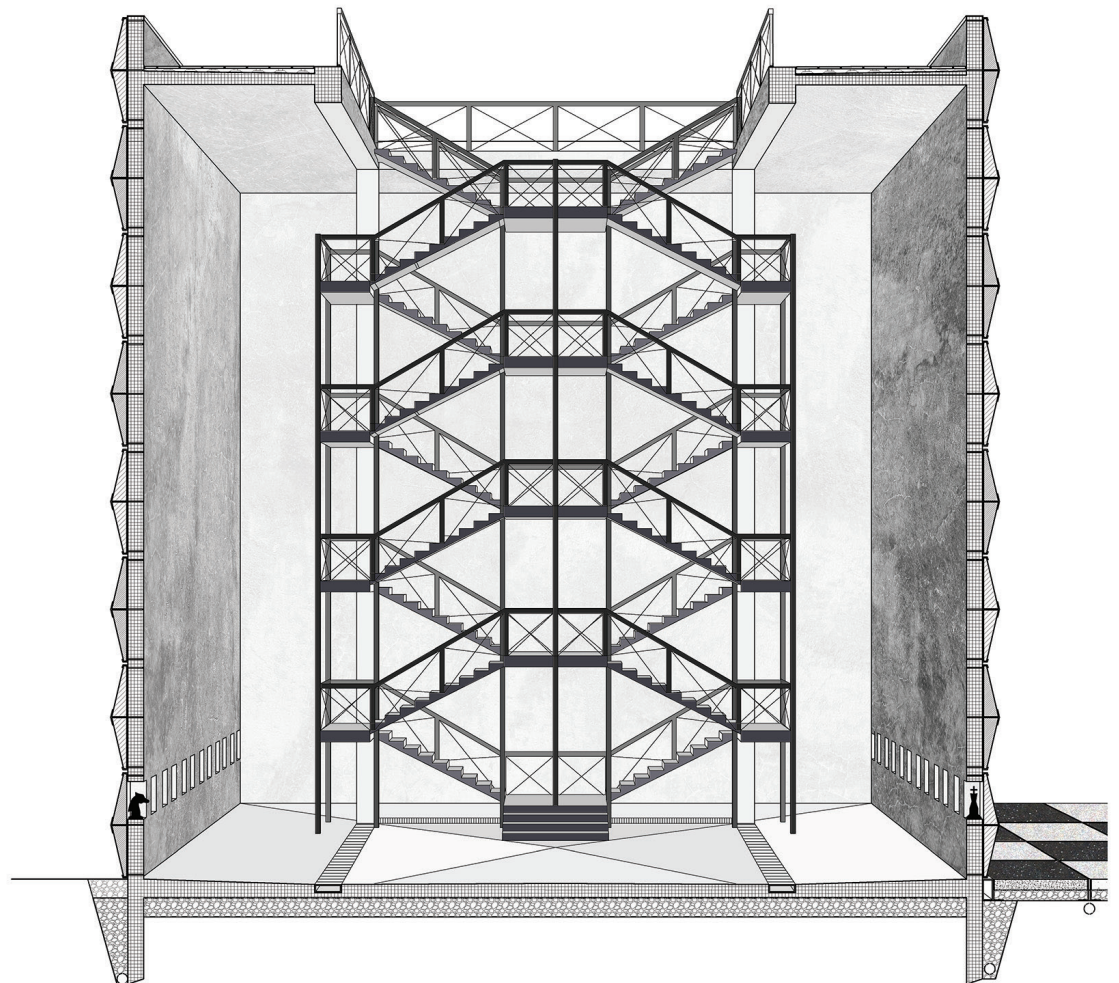
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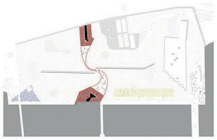
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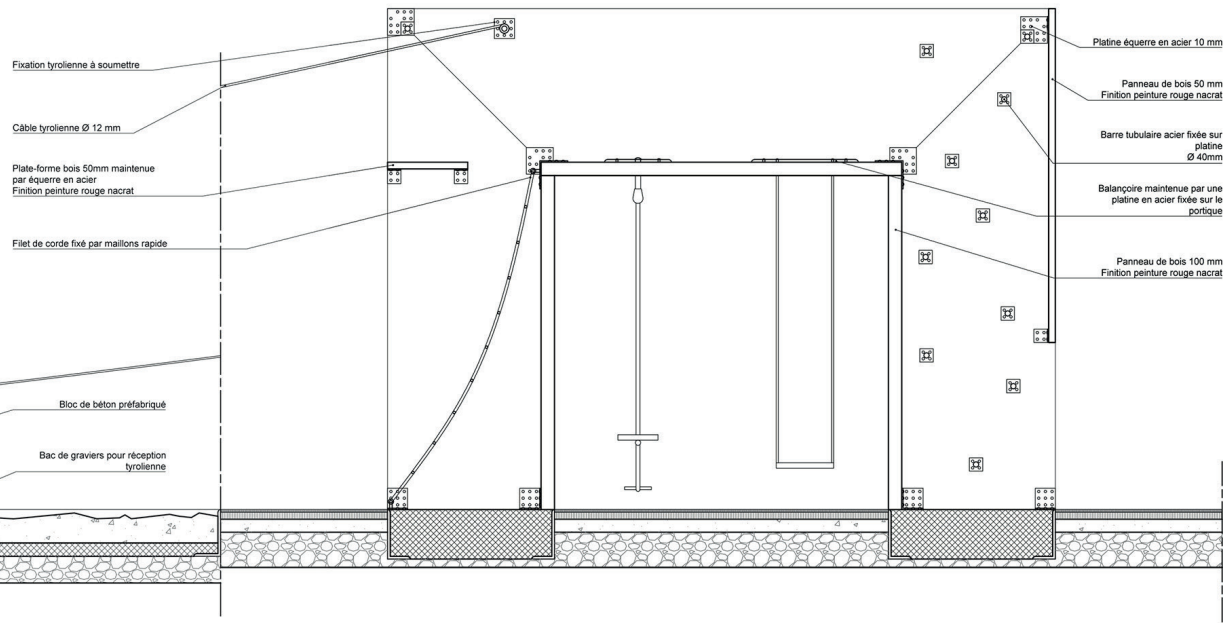
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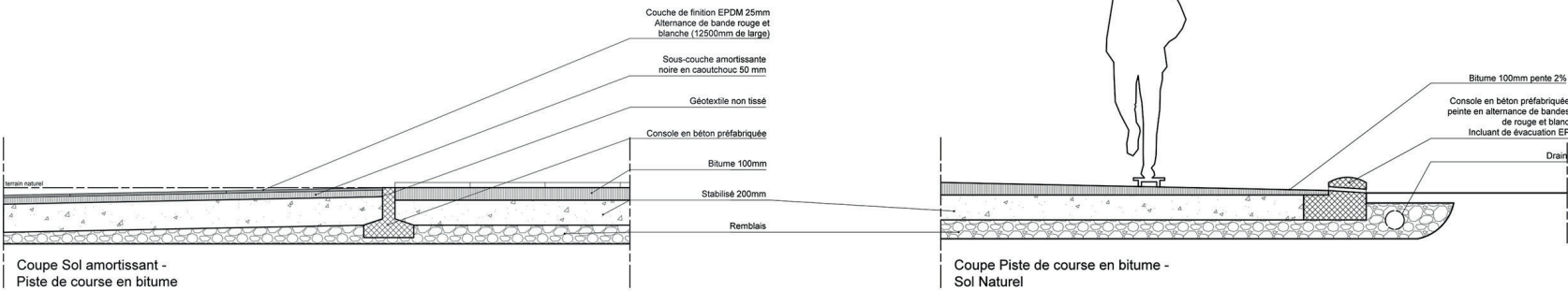
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#2

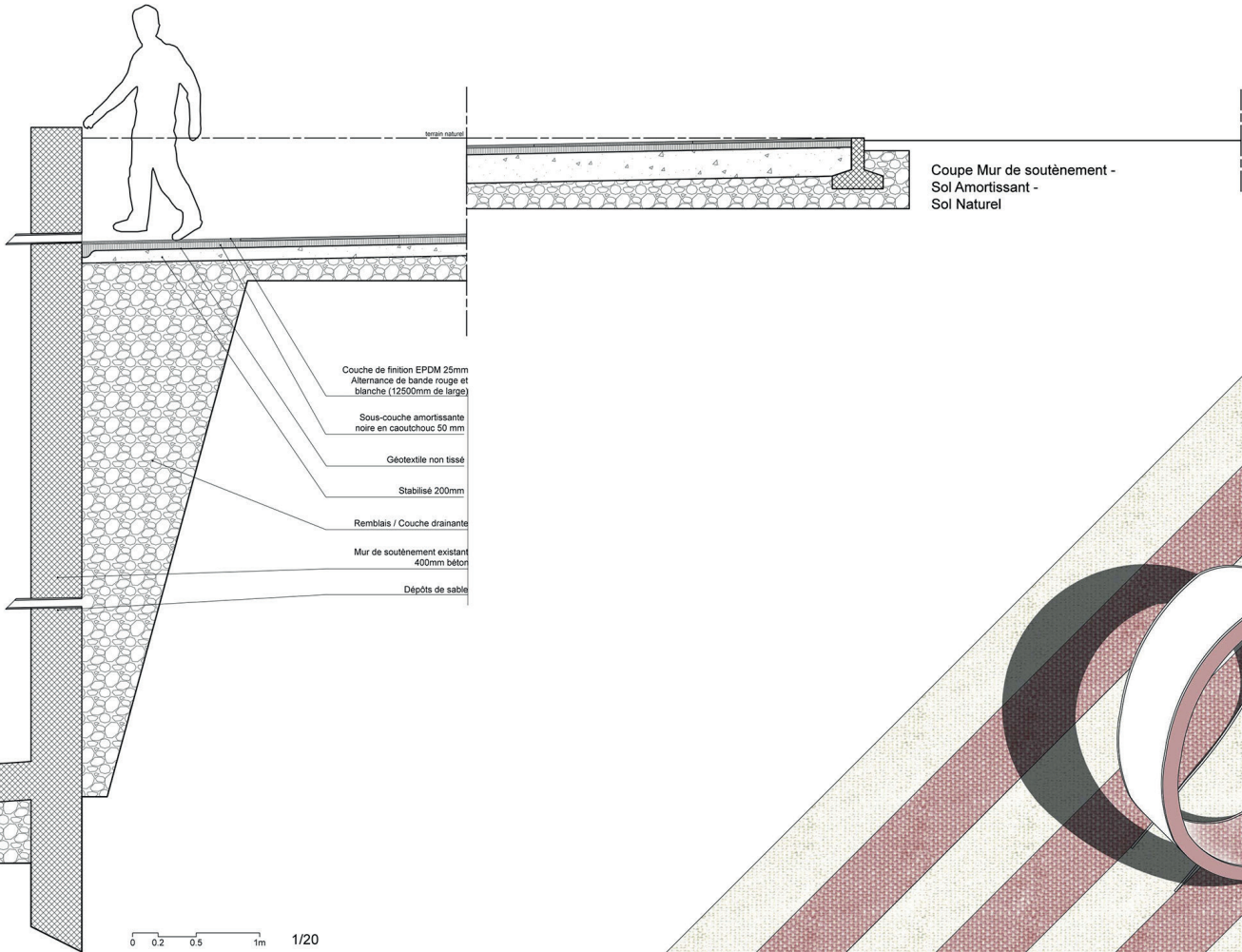


Coupe jeu portique

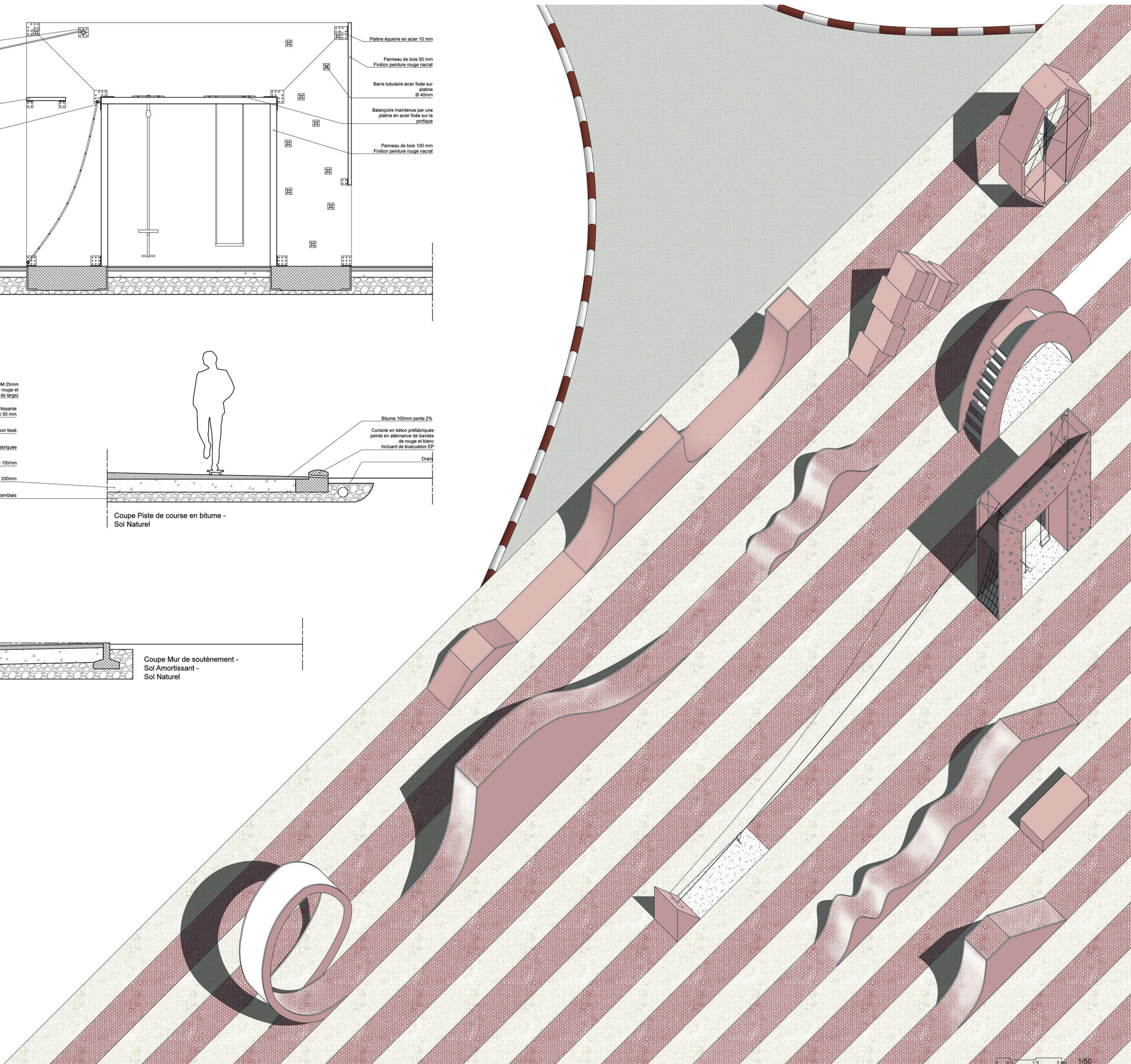


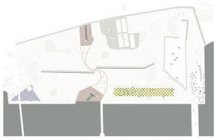
Coupe Sol amortissant -
Piste de course en bitume

Coupe Piste de course en bitume -
Sol Naturel

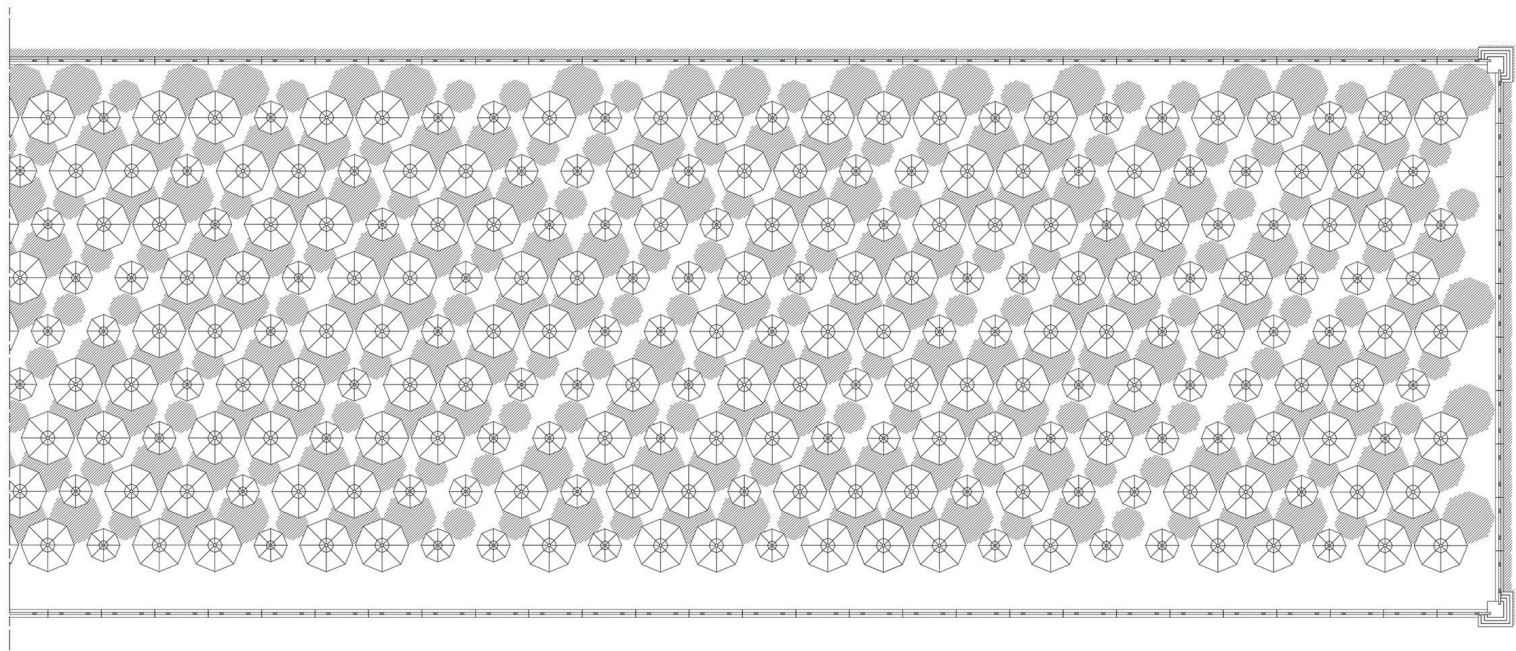
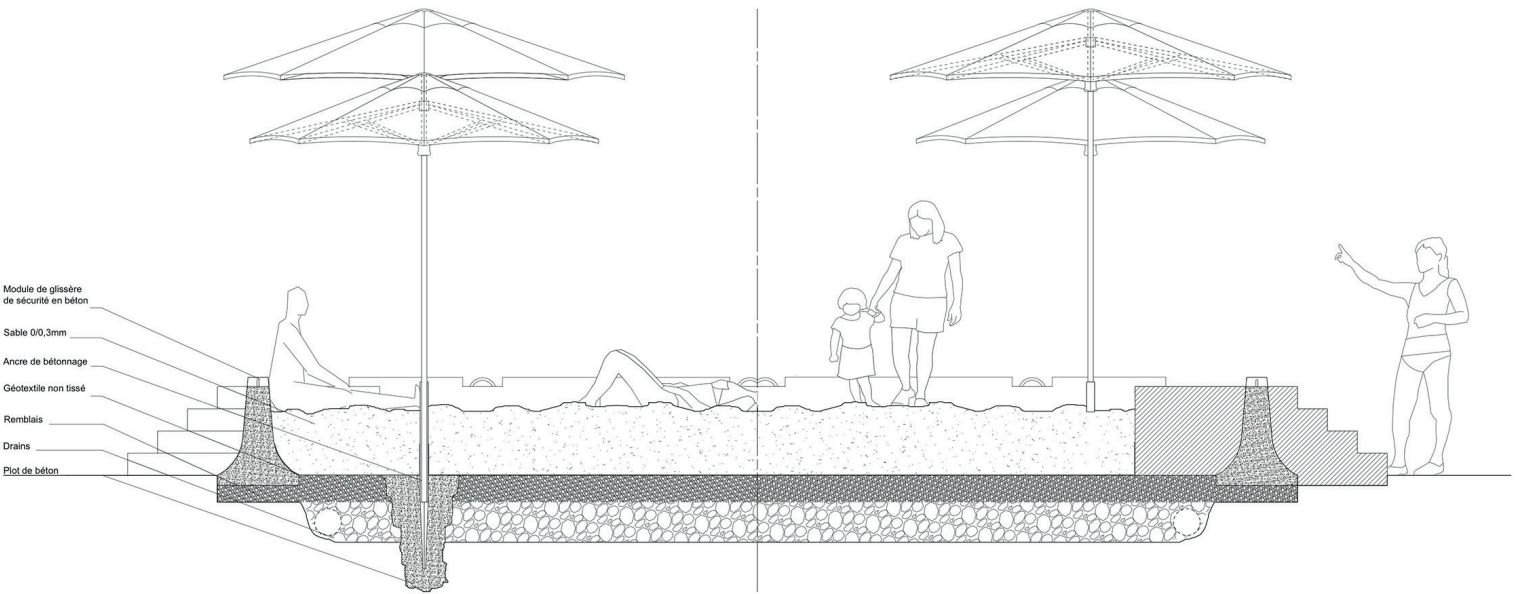
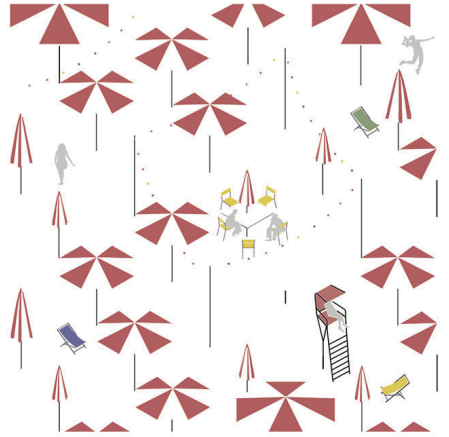
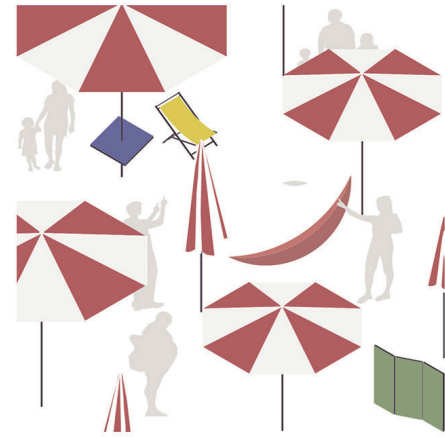
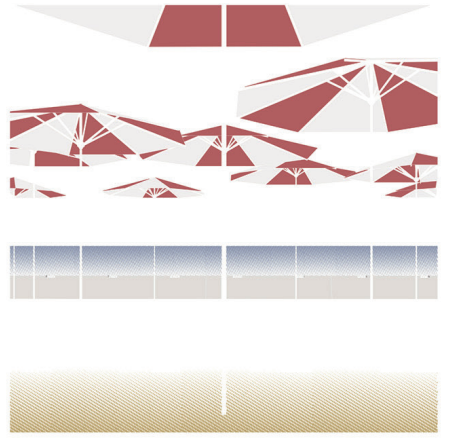
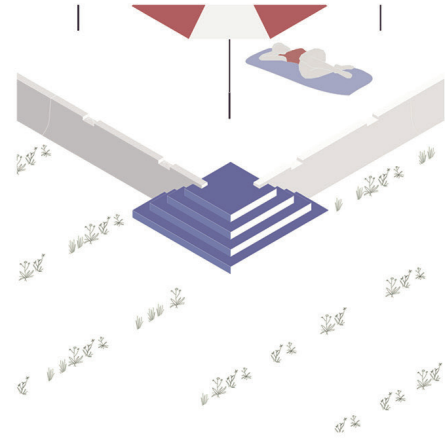
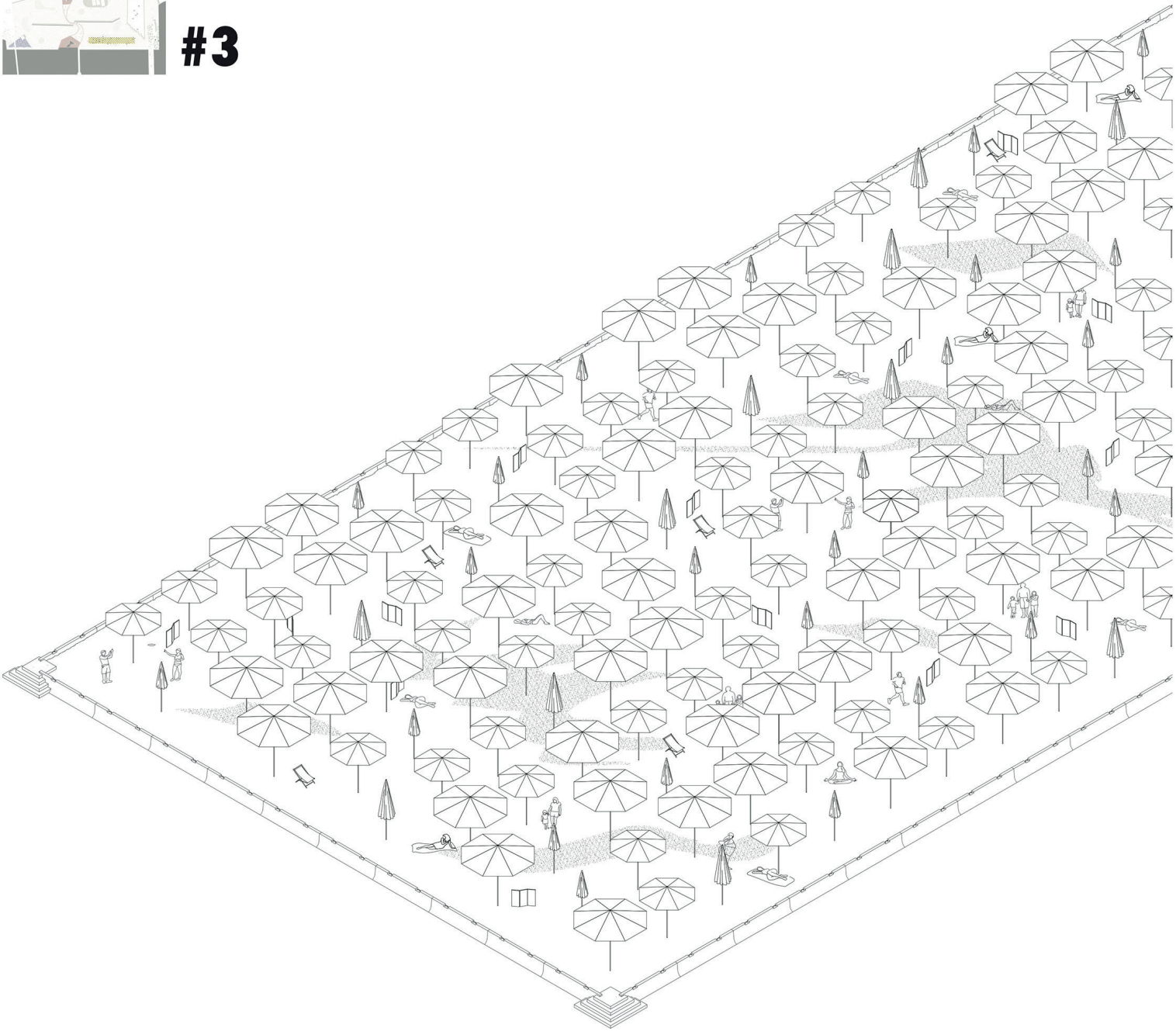


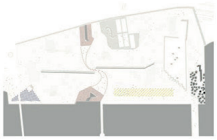
Coupe Mur de soutènement -
Sol Amortissant -
Sol Naturel



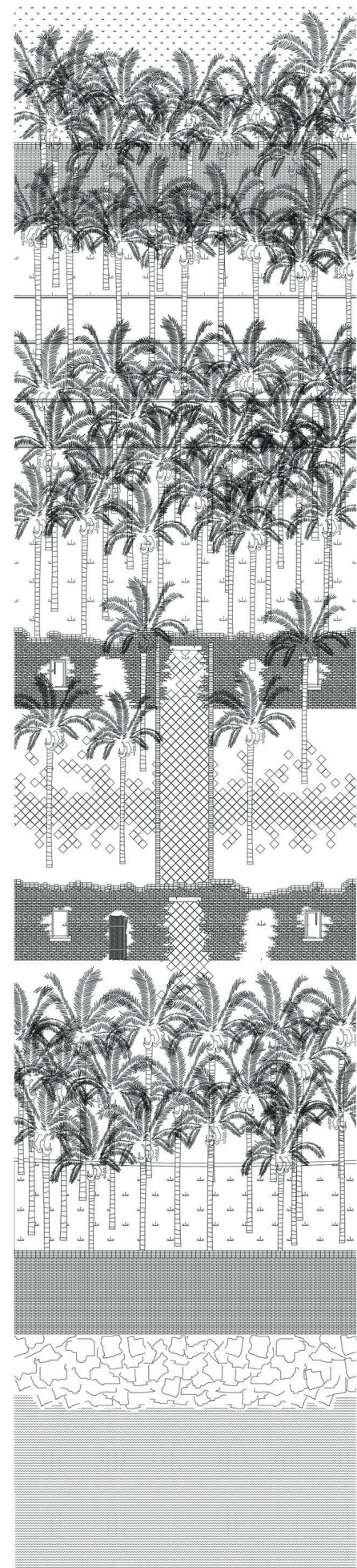
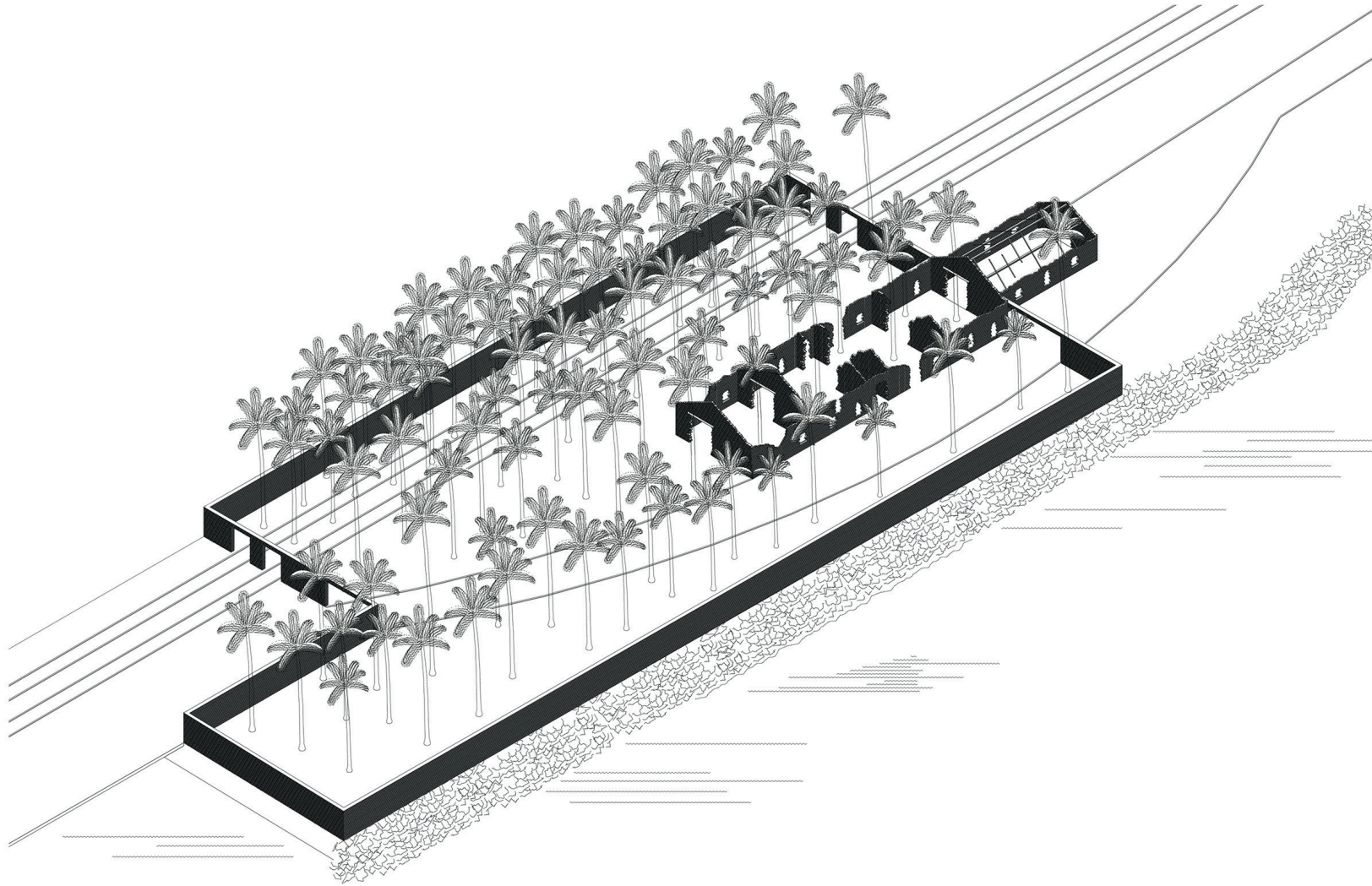


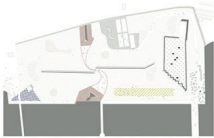
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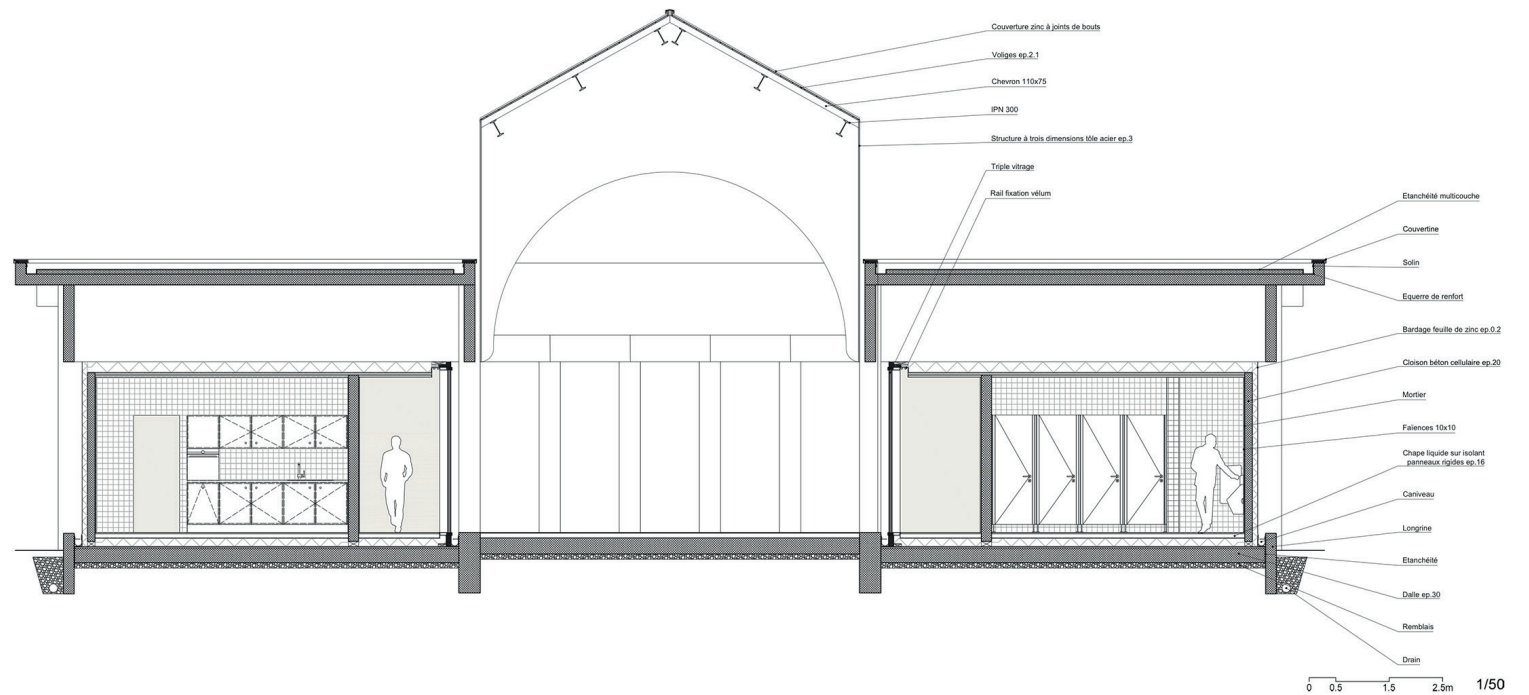
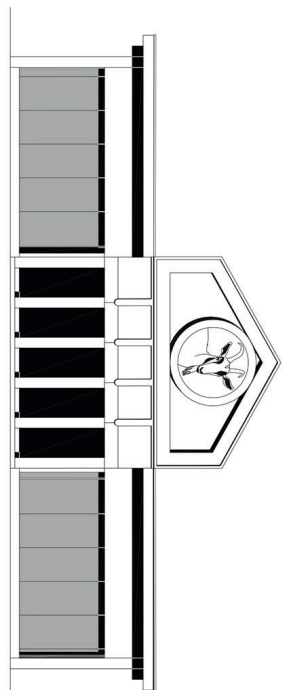
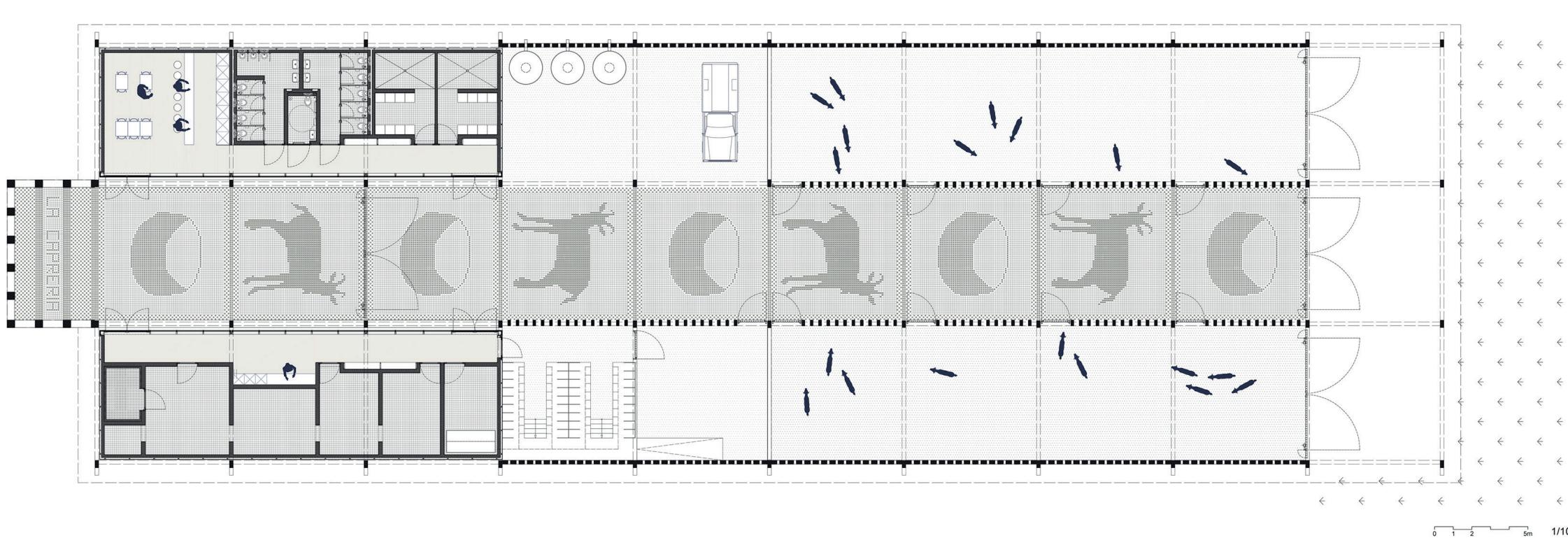
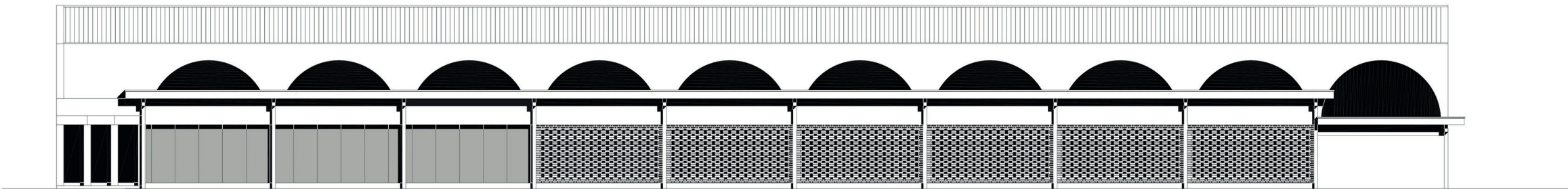


#4





#5



5. RESTORATION AND RENOVATION OF PARISIAN HERITAGE

Map of Paris and the project I manage



Architectural and technical diagnostic

- 1_23 rue Deparcieux**
Brick-built building - from the early 19th century
- 2_86 Avenue de Flandre**
Ashlar building - from the early 19th century
- 3_2 rue Eugène Manuel**
Classical building in concrete - 1930
- 4_39 rue des Petits-Champs**
Ashlar building - from the 18th century
- 5_51bis rue Riquet**
Modern building in concrete - 1960
- 6_9 rue Frédéric Sauton**
Ashlar building - from the 18th century
- 7_35 rue des Deux-Ponts**
Ashlar building - from the 17th century


Construction site management

- 1_166 avenue Parmentier**
Refurbishment of the courtyard facades of a timber-framed building + renovation of the roofing on the courtyard side + carriageway renovation + partial restoration of the cellars' ceiling
- 2_46 rue d'Avron**
Refurbishment of an 80s concrete building + renovation and greening of a roof-top waterproofing
- 3_44 avenue Pyrénées**
Refurbishment of an ashlar building
- 4_87 rue Saint-Honoré**
Refurbishment of the street facade of a timber-framed building + complete roof renovation
- 5_1 rue Pelée**
Renovation of 3 terraces waterproofing
- 6_26 rue Desbordes-Valmore**
Renovation of a roof-top and 2 terraces waterproofing
- 7_13 rue des Grands-Champs**
Renovation of terrace waterproofing
- 8_42 rue des Maraîchers**
Renovation of terrace waterproofing
- 9_43 rue Raffet**
Renovation of terrace waterproofing
- 10_8 rue Gossec**
Complete roof renovation
- 11_5 rue Largillière**
Replacement of a building's railings
- 12_Ecole la Trinité, Neuilly-sur-Seine**
School restaurant refurbishment
- 13_13 rue d'Uzès**
Stairwell embellishment
- 14_42 rue des Jeuneurs**
Traditionnal wooden floor renovation
- 15_15 rue Jules Ferry**
Renovation of the waterproofing on the roof of a skyscraper
- 16_1 Saint-Elleuthère**
Apartment renovation

Project development

- 1_60 rue de Verneuil**
Renovation of the waterproofing of a courtyard + Restoration of the cellars' ceiling
- 2_151bis rue de la Roquette**
Water supply and drainage network renovation + Renovation of the waterproofing of a courtyard + Restoration of the cellars' ceiling
- 3_38 rue Baron**
Restoration of the cellars' ceiling
- 4_20 rue Taine**
Restoration of the cellars' ceiling
- 5_42 rue Pascal**
Renovation of 3 terraces waterproofing + Design for access for people with disability
- 6_8 rue Clodion**
Renovation of the waterproofing of a courtyard + Restoration of the cellars' ceiling
- 7_25 avenue Paul Doumer**
Corten gate design + Renovation of terraces waterproofing
- 8_16 rue Greuze**
Refurbishment of the courtyard facades
- 9_22 avenue Victor Hugo**
Design for access for people with disability
- 10_14 rue Louis Morard**
Refurbishment of the street facade of a brick-built building + partial roof renovation
- 11_9 rue Lesage**
Facades refurbishment of a concrete-built building + Renovation of the waterproofing of a courtyard
- 12_42 rue des Pyrénées**
Facades refurbishment of the of a brick-built building + complete roof renovation
- 13_42 rue des Maraîchers**
Wooden shutters renovation
- 14_86 avenue de Flandre**
Loft thermal insulation, small inner courtyard and gable end (blind wall) External Thermal Insulation Composite Systems (ETICS)
- 15_13 rue de la Grenade**
Design of an entrance hall for a 1950s brick building
- 16_26 rue de la Voûte**
Renovation of the waterproofing of a car park+ Bringing balustrades up to standard
- 17_19 rue du Rendez-Vous**
Stairwell embellishment
- 18_15 rue des Trois Frères**
Stairwell embellishment + Plumbing refurbishment
- 19_Collège Charles Bienheureux de Foulcaud, Puteaux**
Design of a wooden-built locker room
- 20_4 rue des Beaux-Arts**
Stairwell embellishment + Plumbing refurbishment

Non-exhaustive list ...

 **Igor Fernandez Architect office**
13 Villa des Lillas, 75019 PARIS

Building site pictures





1



8



8



1



10



8



8



8



4



1



2

Architect in Paris

Programs → Restoration, thermal renovation, redevelopment, extension, routine maintenance, suburb individual housing

Missions →

1. Architectural and technical diagnostic
2. Project development
3. Construction site management
4. Building expertises and technical advices

Client → Private market

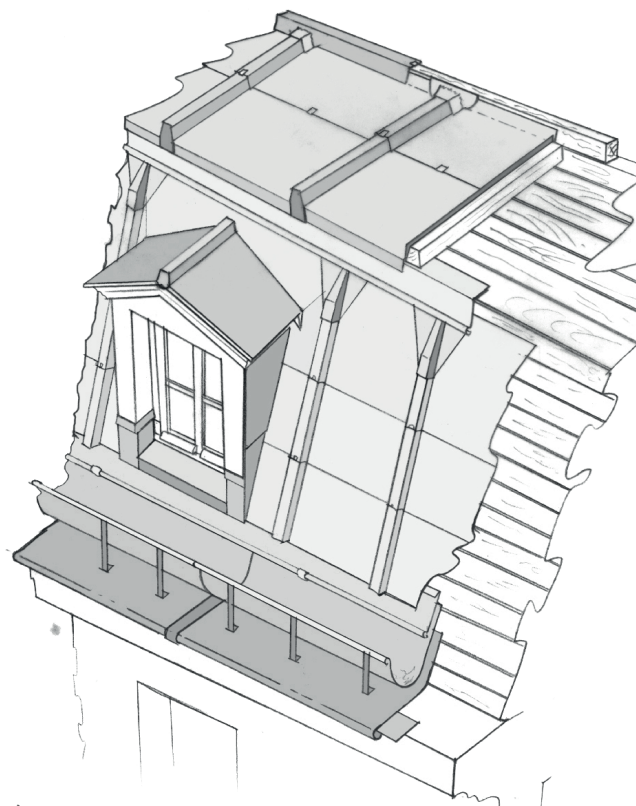
80% of associations of co-owners

20% of private individual owners

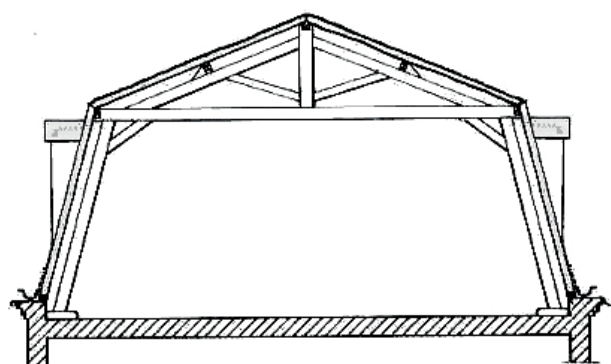
Studio → Igor Fernandez Architecte

Poste → Project manager

Years → 2021 to 2023



Technical details of a typical parisian roof



Section of a typical parisian roof

A sustainable practice

The construction sector is one of the most polluting sectors with a significant carbon footprint. The issue of climate change concerns all of us. I'm convinced that architecture have to change to a climate-resilient sustainability and low-carbon future. Paris is a historical, densely populated, built over several centuries. On the one hand, all urban areas have already been built up, with no possibility of new buildings; and on the other hand, heritage requires fairly regular maintenance. In my eyes, working on heritage is a sustainable practice.

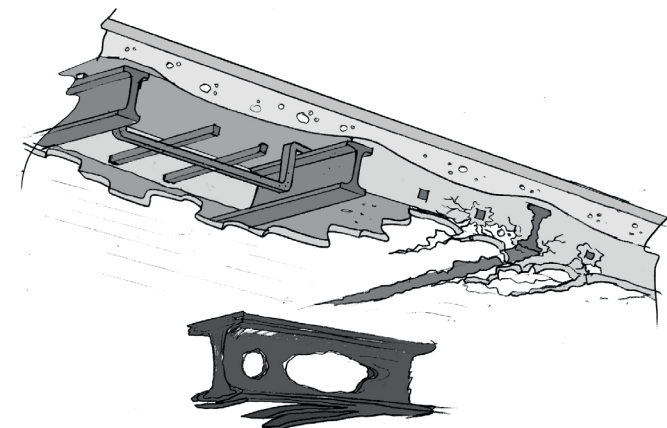
A local practice

The studio is based in Paris and works on the restoration of Parisian heritage through all type of work:

- Renovation/Restoration
- Upgrading the energy efficiency
- Expension / development

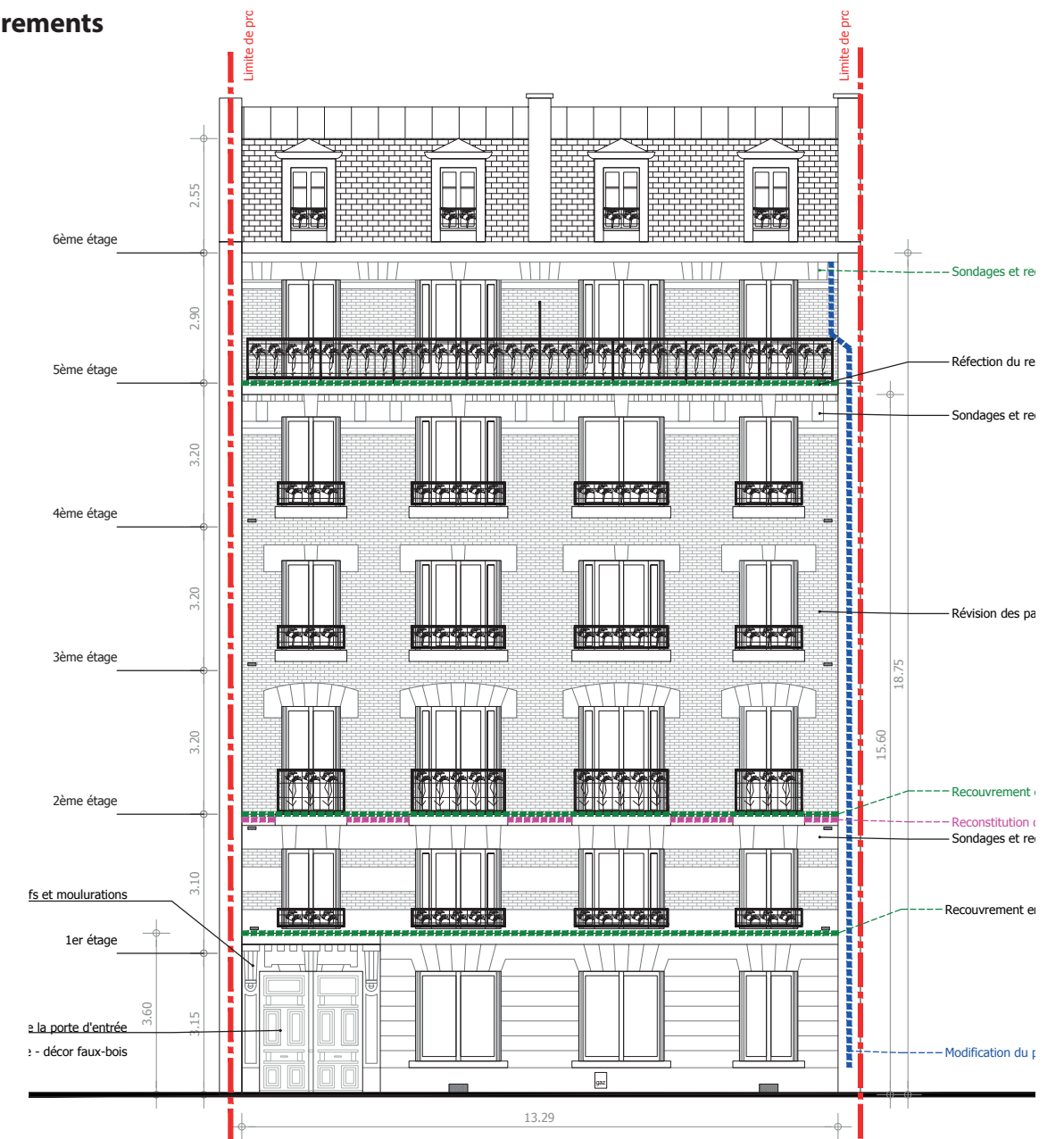
Technical knowledge on Parisian heritage

The architectural styles and techniques of the Parisian heritage are diverse. There are some timber-framed buildings from the 17th/18th century, some ashlar buildings from the 18th century, some brick buildings from the 19th century, some modern buildings in concrete from the 20th century and the current buildings. The architect has to know all the building process, check and identify the pathologies, how to restore and renovate an old building.

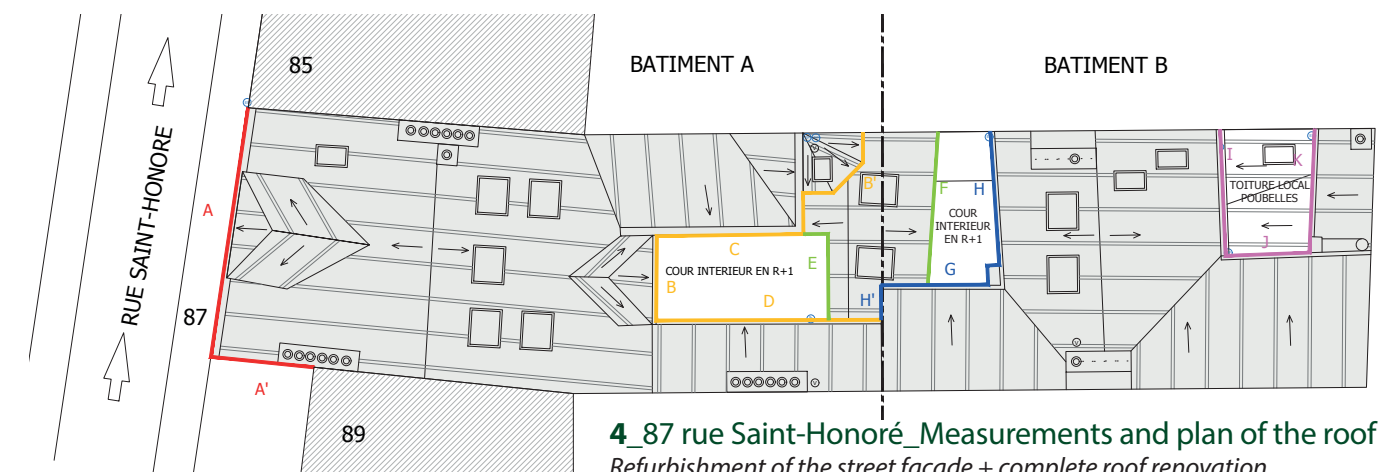


iron floor pathology because of rust

Plans & measurements



0_14 rue Louis Morard_Measurements and plan of the street facade
Refurbishment of the street facade of a brick-built building + partial roof renovation



4_87 rue Saint-Honoré_Measurements and plan of the roof
Refurbishment of the street facade + complete roof renovation

4. MUSIC



Projet → Air lumière [music band]
Members → Nicolas Goubier & Gaétan Martin
Years → 2020 à 2023
Bandcamp → Air Lumière
Instagram → @air.lumiere
Web site → www.airlumiere.fr
 🎵 → Eclectic pop / french pop

Air Lumière suggests musical journeys. The project has grown up during the Covid lockdown with the self-production of the first EP in 2020. Since then, Air Lumière has produced 2 singles and 1 EP.



Discography

→ Quatre-quarts

EP n°1_2020

- 1_Super 3:42
- 2_Pola 3:07
- 3_Hourra 3:17
- 4_Cyber 3:15

→ Cinérameuf OST 3:14

Single_2021

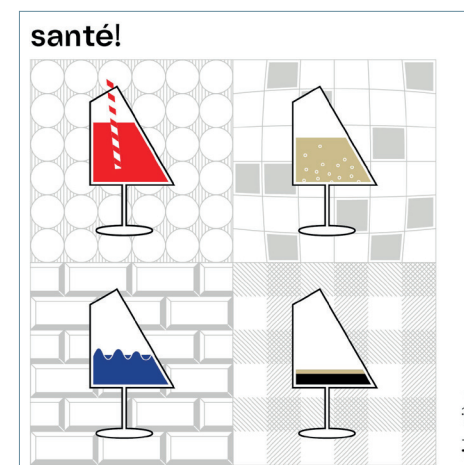
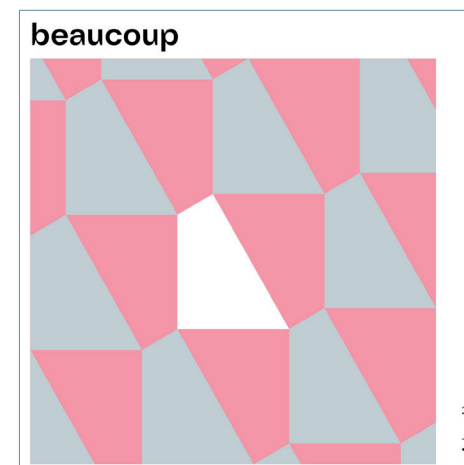
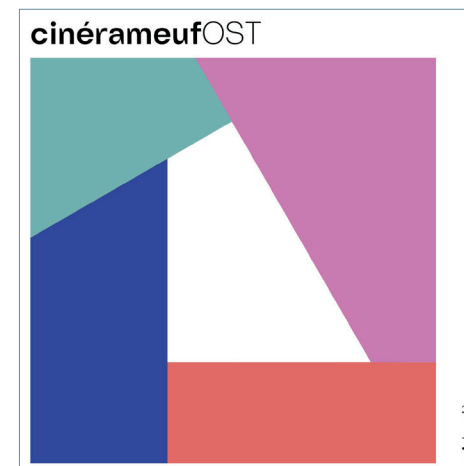
→ Beaucoup 4:05

Single_2021

→ Santé!

EP n°2_2023

- 1_Tonic 3:36
- 2_Bulles 3:53
- 3_Etoile 4:26
- 4_Amer 5:06



Cover graphism, researchs & photomontages

