

PORTFOLIO

Sidonie Muller

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EDUCATION

National School of Architecture, Strasbourg (ENSAS), FRANCE

2014

Master of Architecture, Graduated with Honors

Final thesis project:

"High-Corridor, Montreal's Urban Break"

Professors: Dominique Coulon & Alexis Meier

Jury: Jean-frédéric Luscher

SAPIENZA University of ROMA, ITALIA

2011-2012

Erasmus student - Master of Architecture first year.

National School of Architecture, Strasbourg (ENSAS), FRANCE

2008-2011

Bachelor of Architecture

University of Strasbourg, Marc Bloch, FRANCE

2007-2008

Art History

High School Scientific Graduate, Andrée Maurois, FRANCE

2007

SKILLS

Autocad 2D, VectorWorks, Archicad

Adobe Photoshop, Indesign, Illustrator

Microsoft office

Revit, VRay, 3DS max, Rhino 3D, Grasshoper (Basics# Skills)

Experience in physical modelling skills

Languages : French (First language), English (Fluent), German (Fluent), Italian (Basic)

HONORS

1st Award in "Mixed-use concept" International Architecture Awards 2015, Architecture Podium

Nominated for the world best project Archiprix 2015

Second Place Award for Graduate Master Thesis Project National School of Architecture, Strasbourg (ENSAS)

Second Place Competition for the tourism development in Alsace _ Light habitat leisure

PUBLICATIONS

Best project 2014 exhibition National School of Architecture, Strasbourg (ENSAS)

Archiprix international Madrid 2015 exhibition at the ETSAM

International Architecture Awards IAA 2015 book

WORK EXPERIENCES

Dominique Coulon & Associates

10.2013 - 03-2014

Architectural Designer Intern

- Social & Cultural Center: Antipode Library, Rennes FRANCE

Design team member, construction drawing

- Swimming Pool Dôle FRANCE

Design team member, construction drawing

- Student Habitation Camelias Paris FRANCE

Models conception and construction drawing

- Cultural Center Salvador Allende Mons-en- Barouel FRANCE

Models conception and construction drawing

Competition:

- Maillon Theater Strasbourg-France

Design team member: Master Plan, Elevations

- Accommodation for the elderly Chateaulin FRANCE

Concept design team

Antonneli & Herry

08.2012 - 10.2012

Architectural Intern

- Apartment building (competition) Strasbourg FRANCE

Design team member

OP Architecture

07.2011

Designer Architect

- Statement drawing of a house.

EXTRACURRICULAR

Member of the Student Association

School Class Representative

REFERENCES

Simon Frommenwiler

dipl. Arch. ETH BSA / Partner

Lecturer of Architecture at Massachusetts Institute of Technology (MIT)

Associate Prof. ENSA Strasbourg

HHF Architects ETH SIA BSA

Allschwilerstrasse 71A, CH 4055 Basel

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Alexis-Adrian Meier - Ph.D

Architect

Associate Professor at INSA Strasbourg,

Lecturer at ENSA Strasbourg

INSA - Institut National des Sciences Appliquées

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MONTREAL

HIGH-CORRIDOR, MONTREAL'S URBAN BREAK

09.2014_ Master 2 Graduate thesis

Professors: Dominique Coulon & Alexis Meier

The main focus of this final thesis project is to demonstrate that it is possible to change the monofunctional infrastructures' status and the conflict rapport they maintain with cities. They can also be reappropriated and become an urban connector, connecting people to places via pedestrianism, and staging and leisure localities.

The area's choice was naturally focused on the "Bonaventure's " urban break in Montreal, created by the high infrastructures. The story of the area, its cultural wealth and heritage in addition to its location, particularly challenged me. Located between the historical city, the old industrial, and business districts, this area is a veritable city entrance.

Years of fast industrial expansion made of Montreal a major city in North America. This industrialisation brought the large infrastructures needed like the port, railways, and the highway which created a break between the historical center and the industrial district of Griffintown, which is now in rehabilitation. This infrastructure consumes strategic areas in the city without exploiting existing potential acting as a deterrent for pedestrians and consequently damaging the urban qualities of the area. How do we leverage the existing infrastructure? How to recreate the city reappropriating infrastructures as an urban structure?

The goal is to fix the urban break by re-creating connections between the city center and surrounding neighborhoods.

The project takes over the Bonaventure Highway and takes place at the corner of two pedestrian flows: the Lachine channel's walkway and the one coming from the city center. It's a mixed use cultural center, which can cope with the heavy motorways' infrastructure. It becomes, by this new position, a showcase of a brand new cultural boom. The building is designed to have a minimum footprint on the ground; to keep a free space and which can be crossed under the highway.

A second ground floor takes place over the highway and works like a public space platform which gives access to the other programmatic spaces. The project is defined by five entities: the museum, the primary school, the swimming-pool and gym center, urban agriculture and the public space platform gathering bar, restaurant, a theater and a library. The five entities rub together and intermingle to create interaction between them.

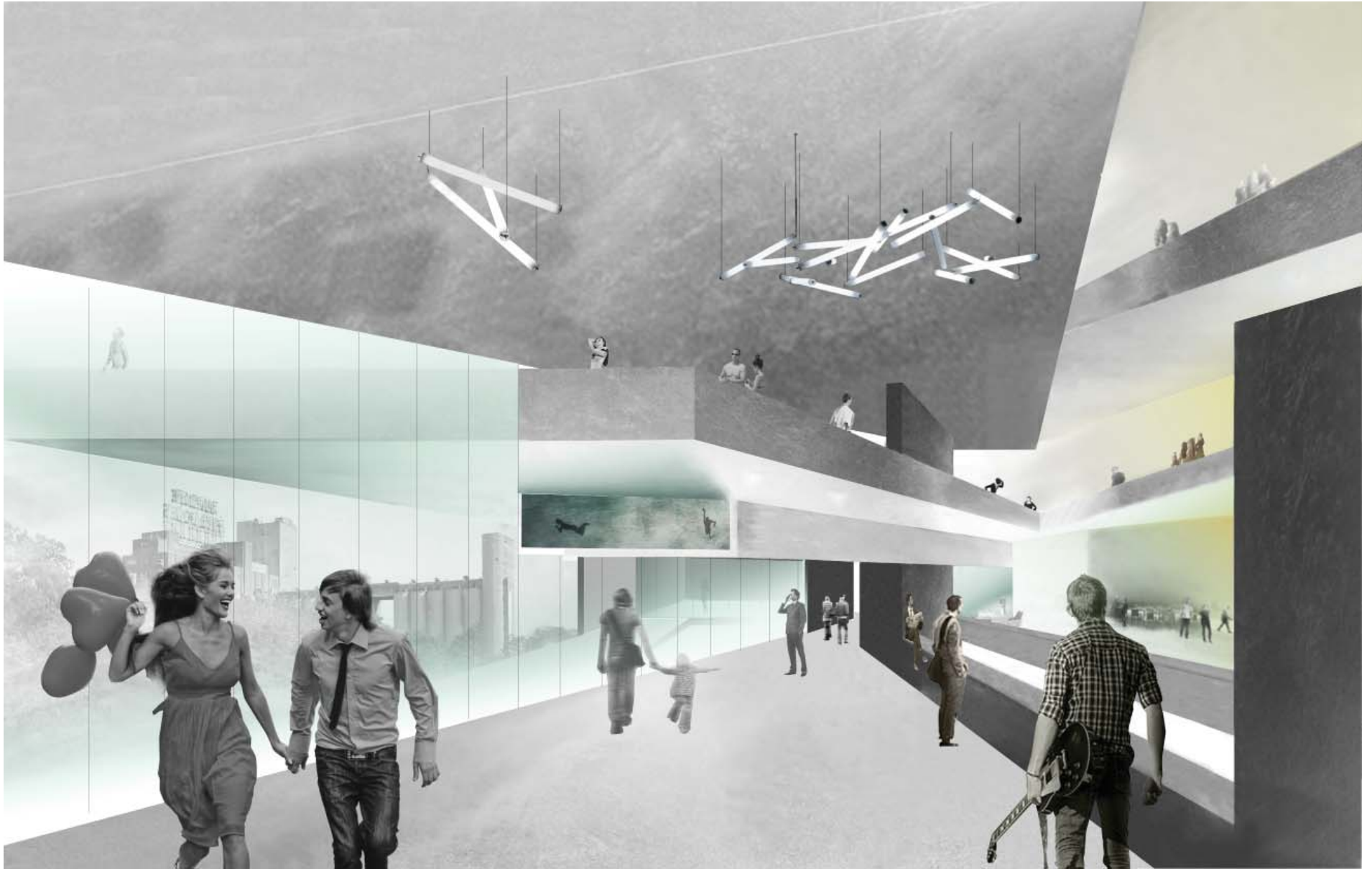
The project is meant to be a meeting point for the population of the neighborhoods with public spaces and walkways they can utilize. Therefore, the project is placed above the highway to make the best use of this lost space and create a stratification of the different velocities. This way it creates a new interaction between inhabitants and the infrastructure.

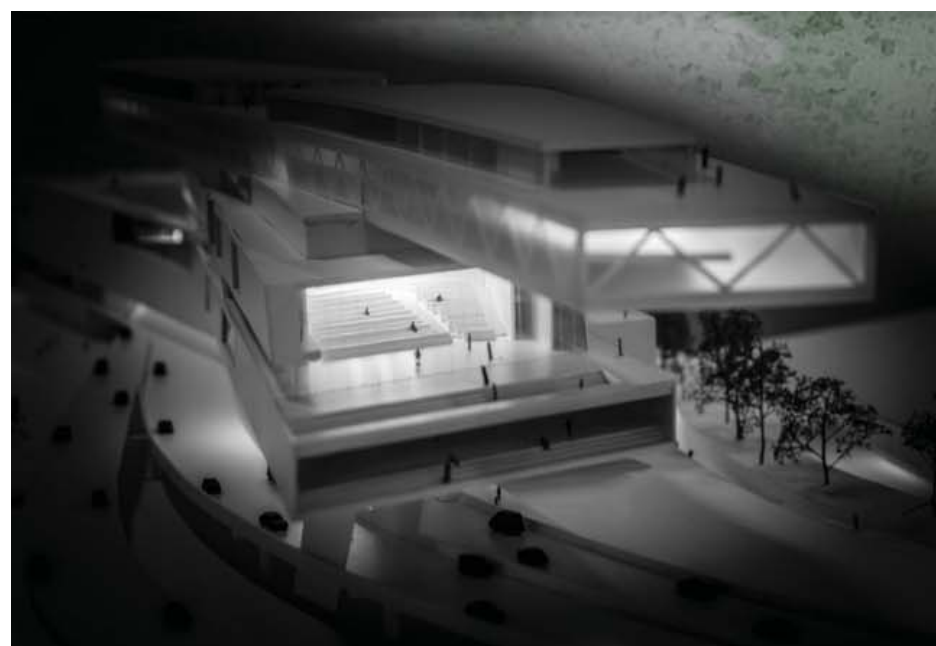
The measure to build over the highway wasn't to deny the infrastructures' value, but the opposite, to add to it. The goal was to recreate a public space in an hostile territory, an area in transit.

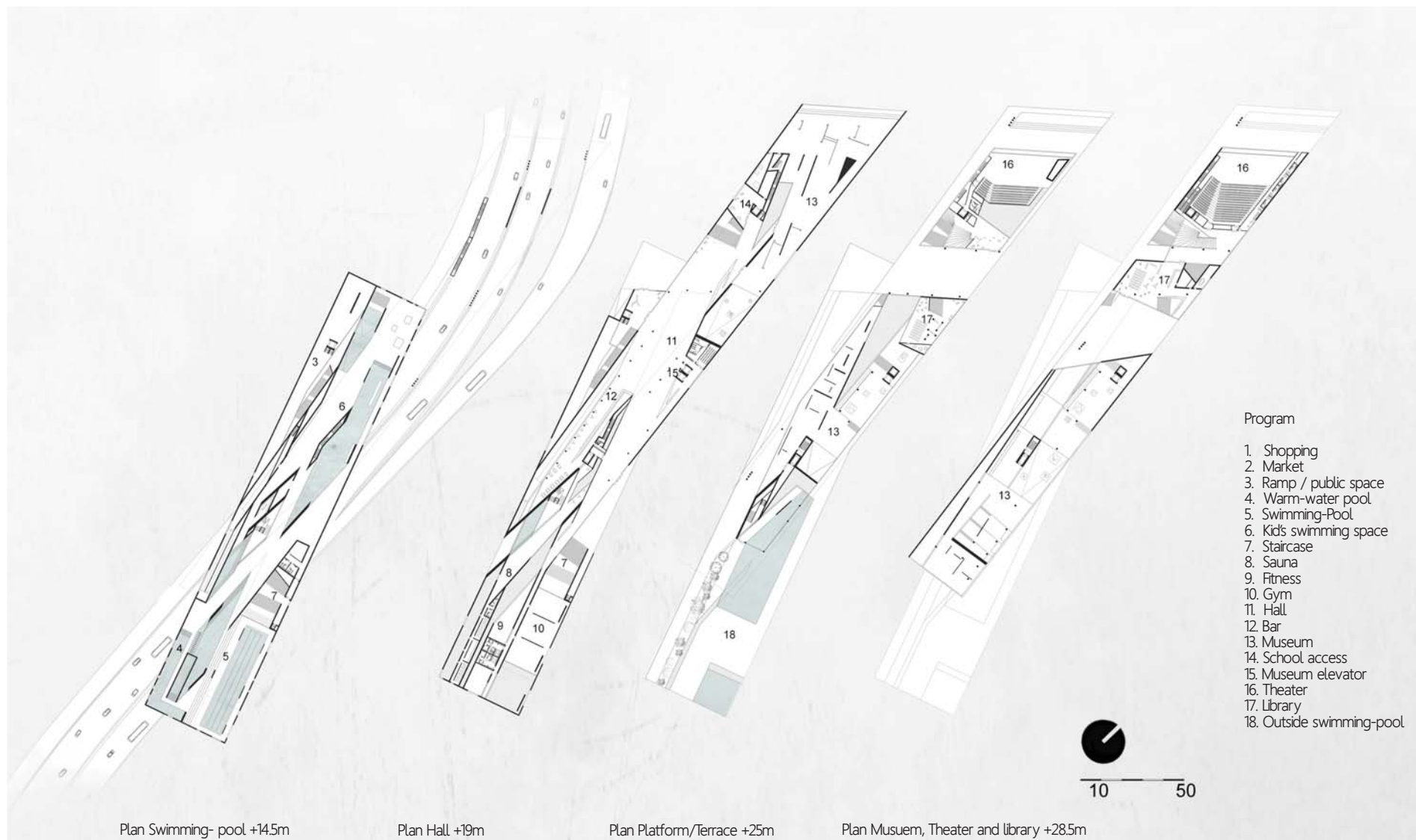




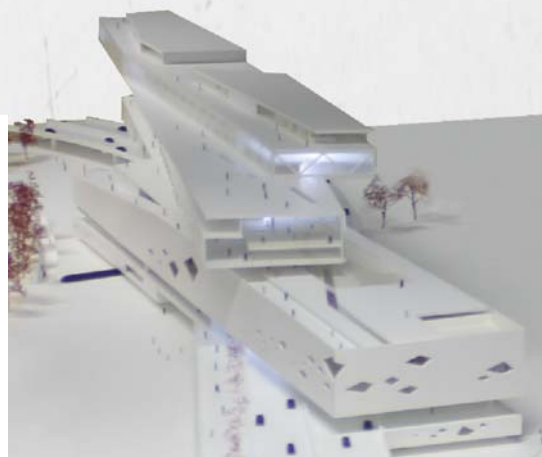








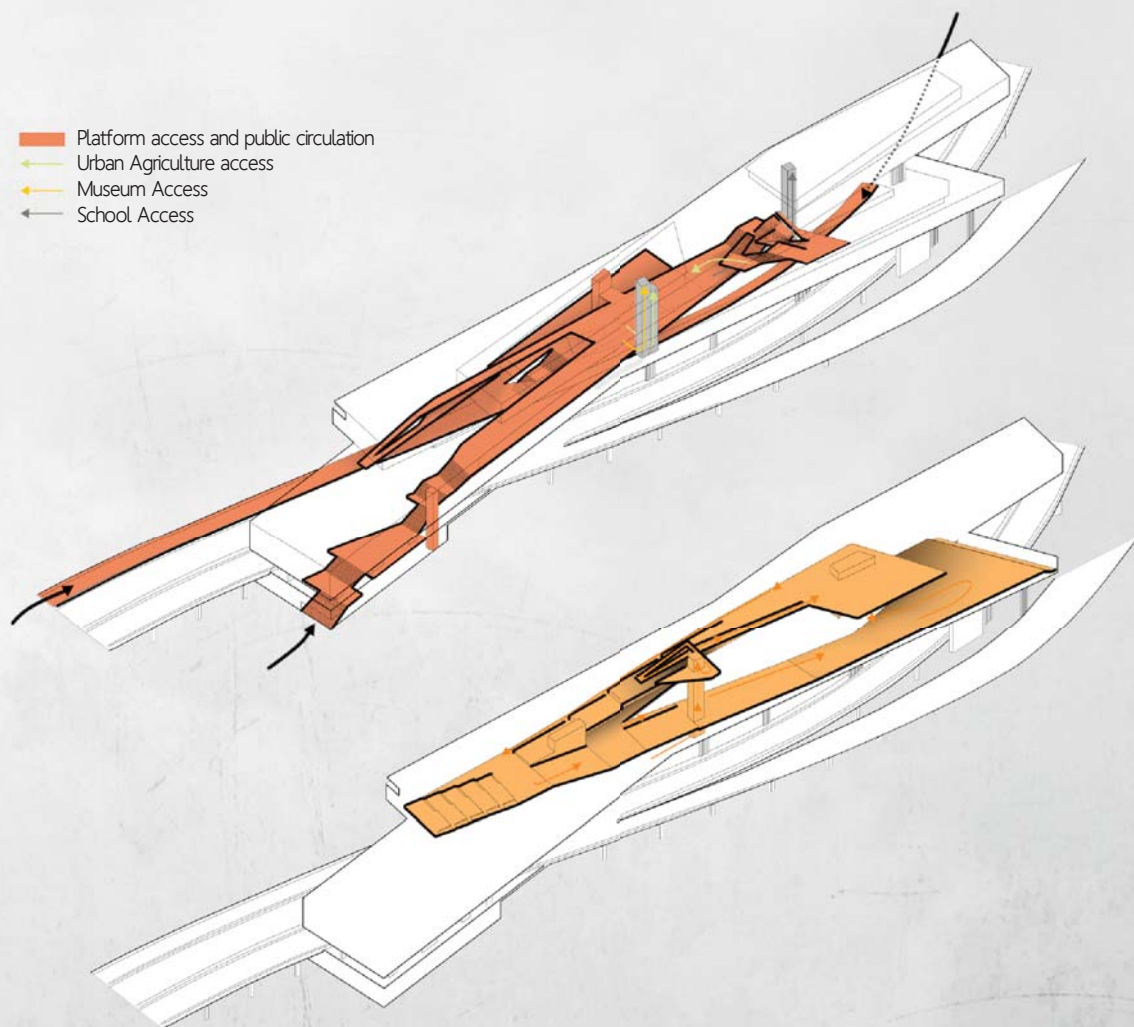
Model





View from the Museum of the urban Agriculture

- Platform access and public circulation
- Urban Agriculture access
- Museum Access
- School Access



- Museum
- Museum Circulation



Section BB'

STUDENT

WORK



ARCHITECTURE AND COMPLEXITY

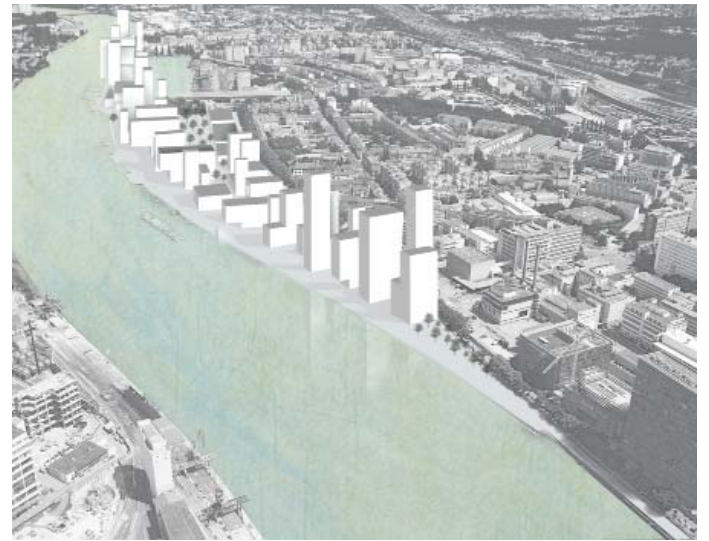
BASEL

01.2013_ Master 2

Professors: Dominique Coulon, Simon Frommenwiler, Emmanuelle Rombach



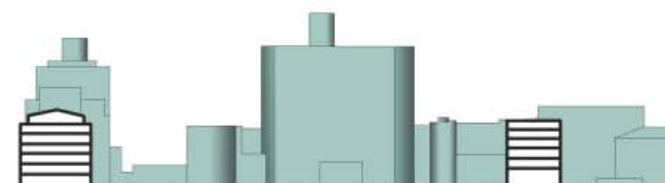
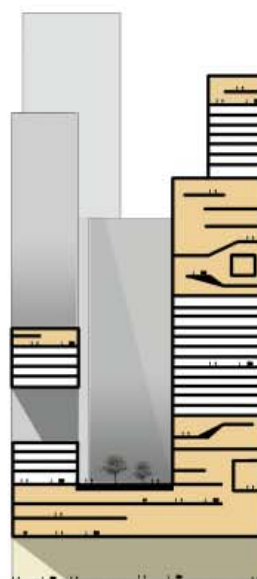
Master Plan

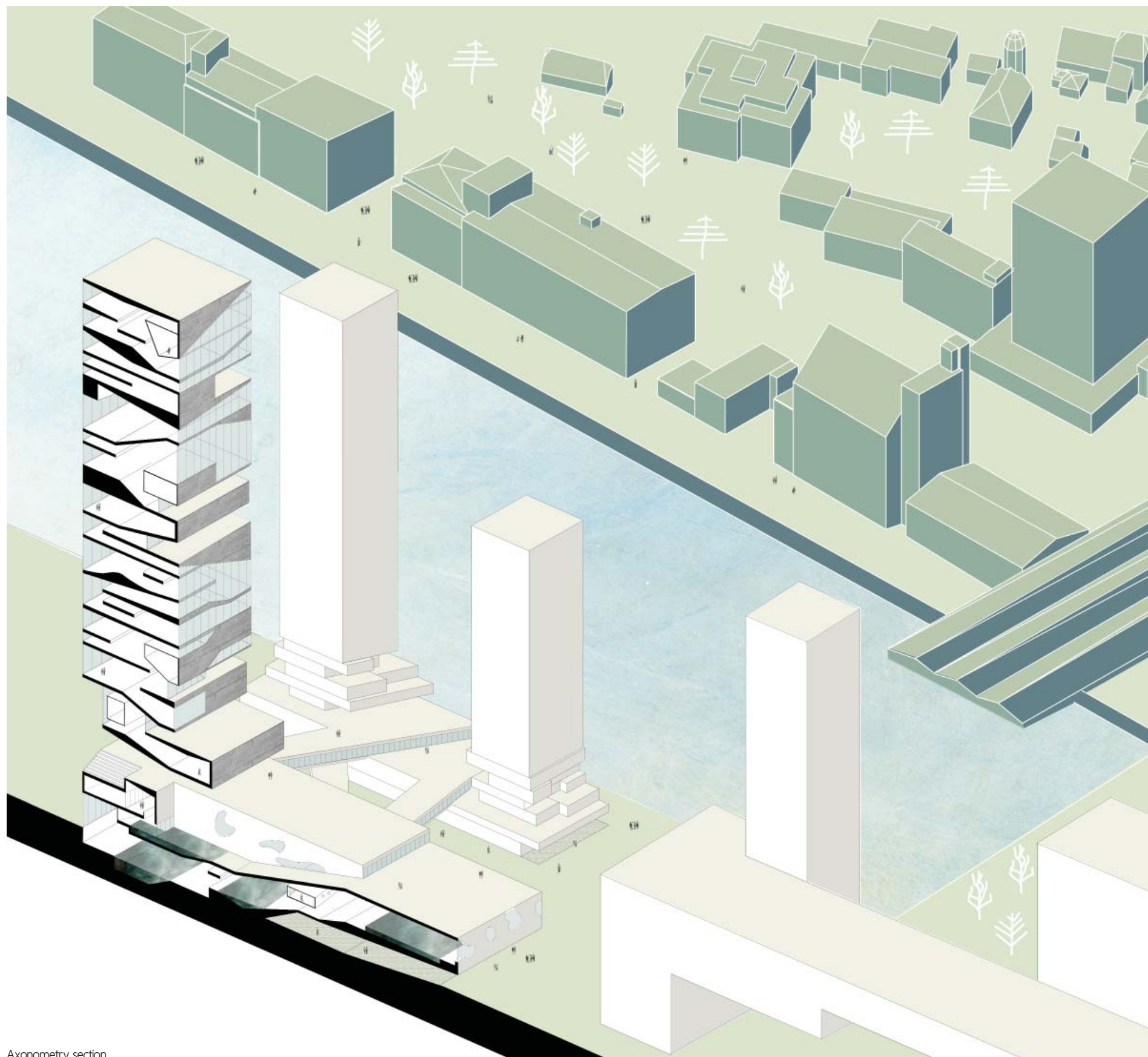


The project takes place on the peninsula of Rheinländer Hafen. The site is characterized by the confluence of three countries: Switzerland, Germany and France and is a major issue for the close cities located nearby (Basel, Weil Am Rhein and Huningue). This harbor area is partially occupied by storage buildings and railways. It brings many interrogations about its urban renewal.

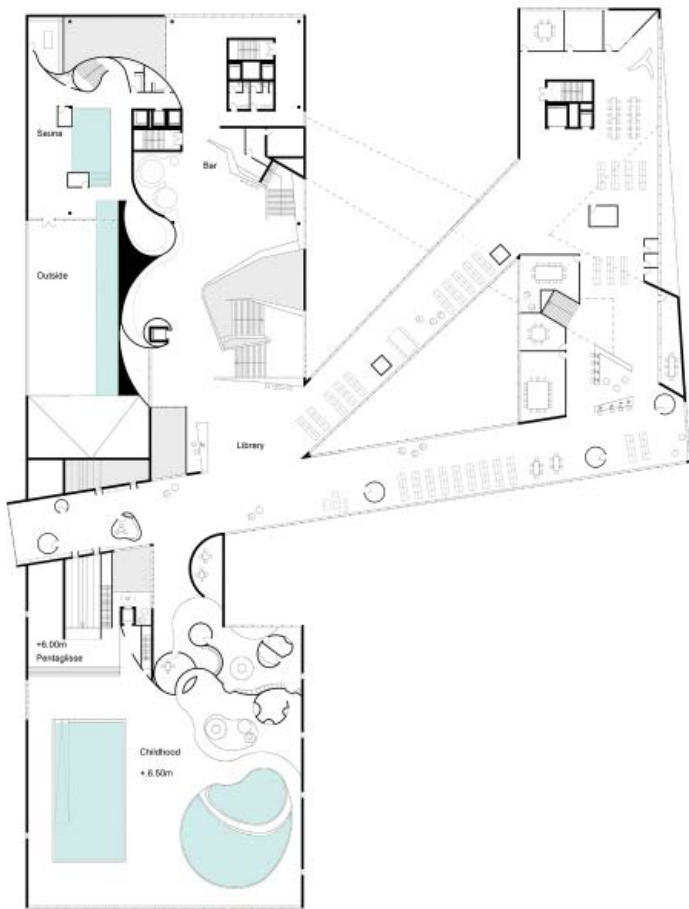
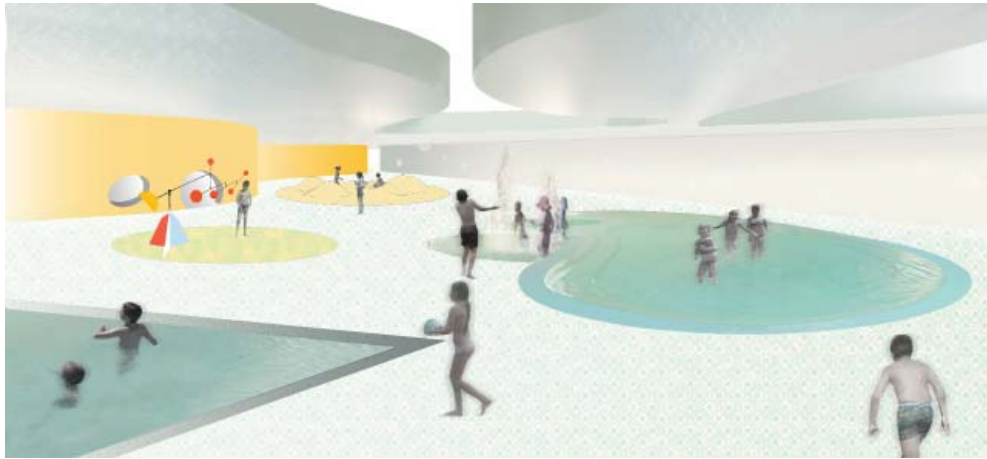
The project has two different aspects, urban strategy with a compact and vertical layout, and the conception of a mixed used public building gathering a multimedia library, swimming pool and public forum.

Urban section

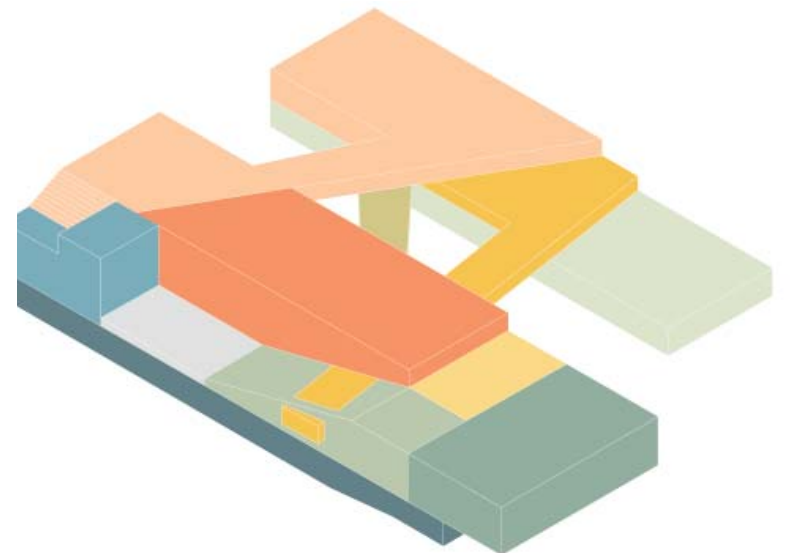




Axonometry section



Plan Level 3 +6.5m

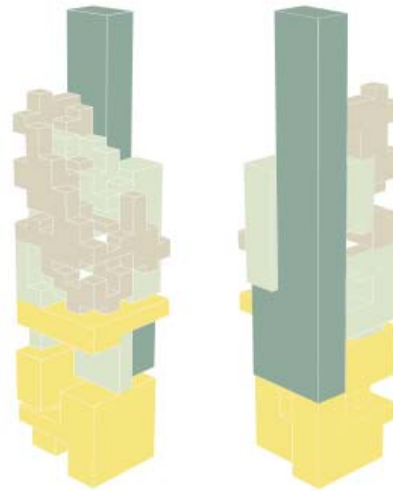


- | | |
|--------------------|------------------------------|
| ■ Quiet area, swim | ■ Music, theater and studios |
| ■ Sauna | ■ Novels |
| ■ Childhood | ■ Youth |
| ■ Slide | ■ Childhood |
| ■ Fitness | ■ Science |

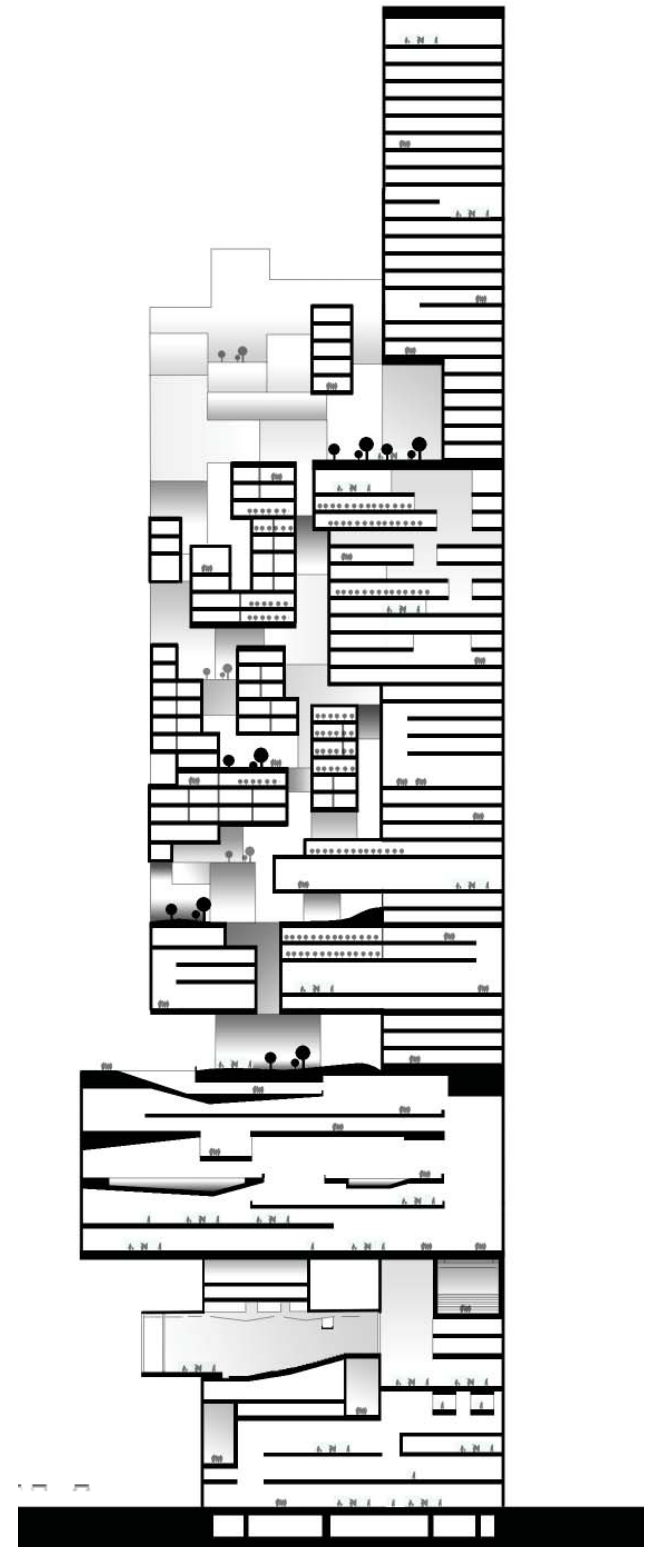
BIGNESS

01.2013_ Master 2 ENSAS Strasbourg
Professors: Emmanuelle Rombach

In the master class "architecture and complexity" we had some theoretical lessons which included the study of "Delirious New-York". In this case, we had to express our vision of the "Bigness" in a tower with programmatic constraints of 25% public space, 25% offices, 25% residential and 25% urban agriculture. The entire building is composed of 10*10m units. Its sustainable mixed use structure arises as a new model for flexible development. The residential and the urban agriculture units are more fragmented to create views, light and gardens. The public space takes place at the base with some terraces and gardens.



Offices
Urban Agriculture
Residential
Public Space

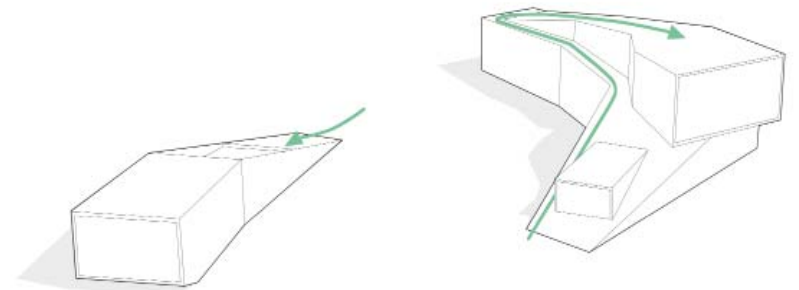




PIAZZALE CLODIO ROMA

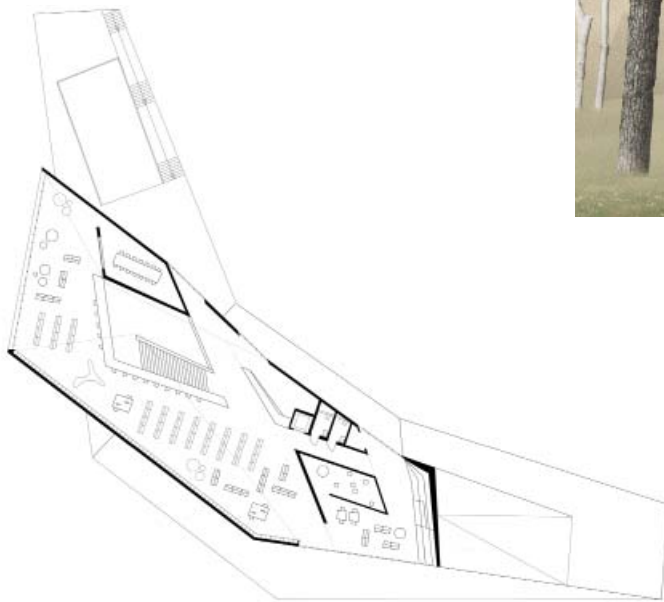
06.2012_ Master 1 University of Sapienza Roma
Professors: Rosalba Belibani

The "piazzale Clodio" is a square at the foot of the Mount Mario, one of the seven mount in Rome. But there is no real relationship between the mount, its vegetation and the square. So this project answers to that problematic with a park which is extend to the square and comes over the road, we also have a continuous pedestrian way from the boulevard to the mount. This part of the park fuses nature and culture into a social network.

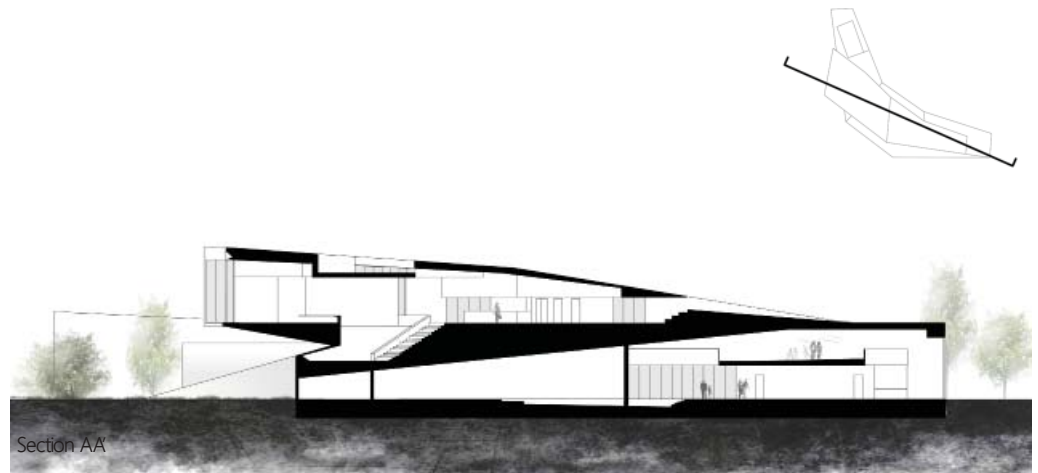




The architecture of the project takes the “Clodio’s” square as inspiration, the mount, the planted boulevard and the vegetation. The project captures the key element of this district, a space of public in motion. It’s an extension of the park with a walkway on the roof, which gives the possibility to observe the city in a new way. The program is a cultural and leisure mixture with a nature awareness center, an amphitheater, restaurants, a library and a nursery.



Plan Level 1 +4m



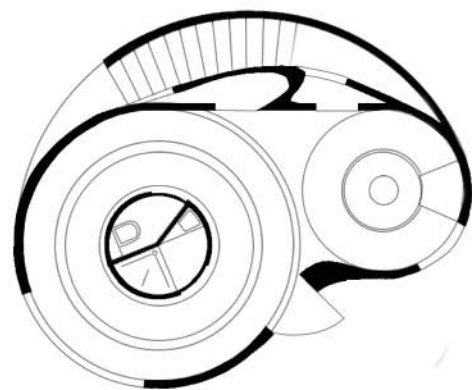
Section AA

LLH/ LIGHT LEISURE HOUSING

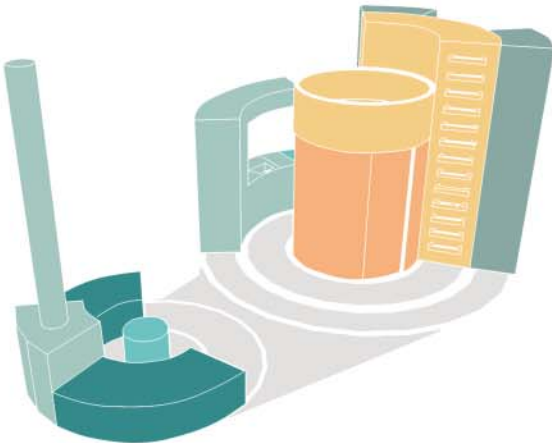
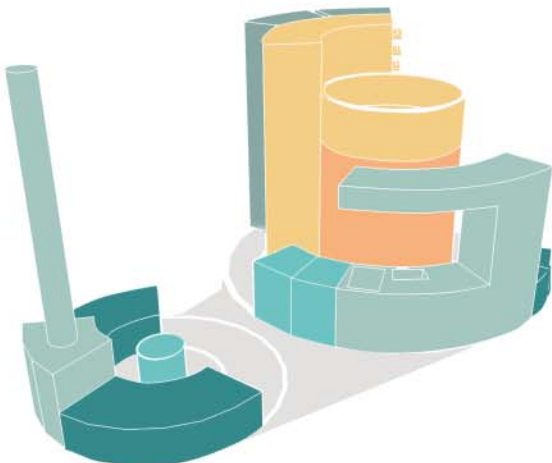
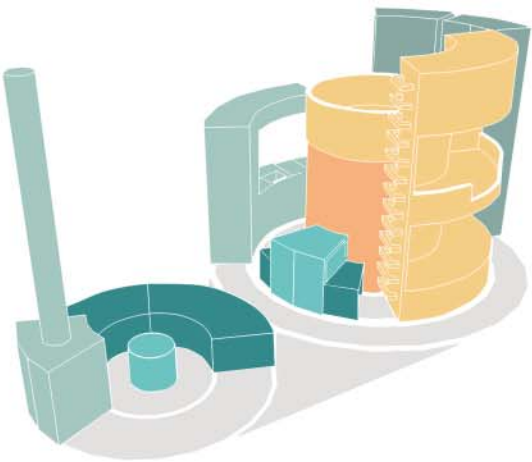
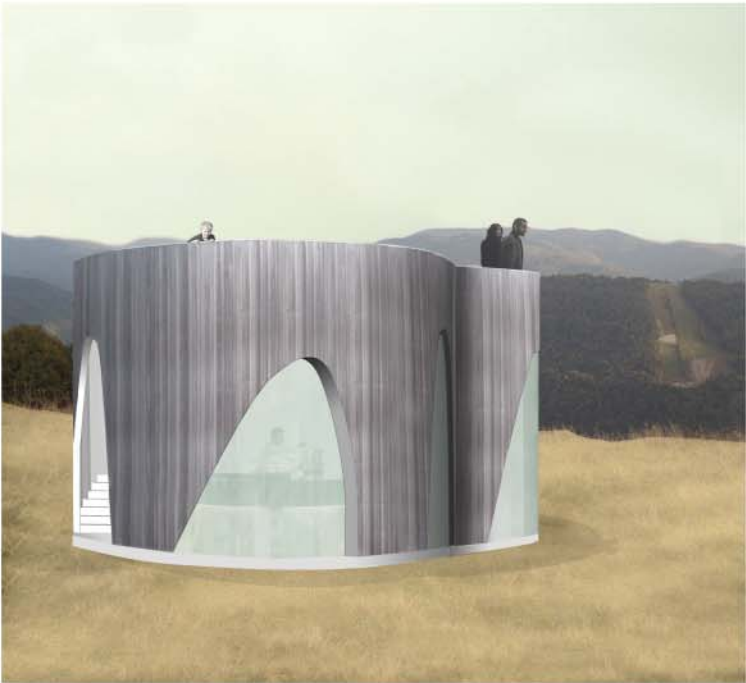
COMPETITION 2ND PLACE

The tourism development agency in Alsace asked to create a Light Leisure House, with a regional identity and no more than 35m². The concept was to get inspiration from the trunk of a tree. In this principle, a volume containing a bathroom represents the wood's heart and furniture come encircle it like wood rings.

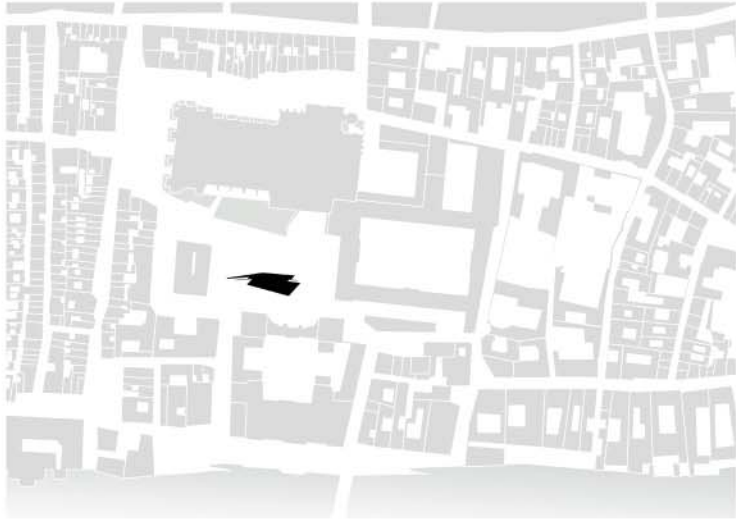
These furniture are modular in way that the space can be adapted according to the desires of each one. And we can gain more space when they are all put aside.



Ground floor Plan



- Seat
- Table
- Storage space
- Kitchen and Heating
- Beds
- Bathroom



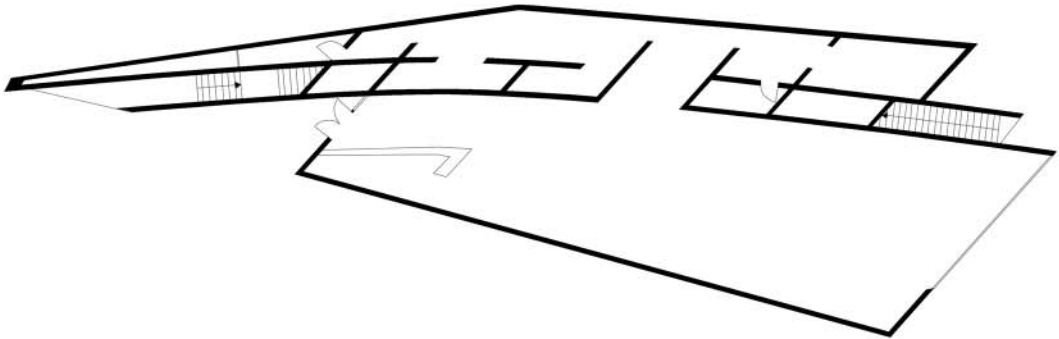
EXHIBITION PAVILION STRASBOURG



For the cultural development of Strasbourg, we had to work on a temporary exhibition installation that would promote Strasbourg's cultural curiosities. The project took place next to the "Cathédrale de Strasbourg", on the "place du Château" square.

The purpose was to keep the public space despite of the space taken by the installation. In this way, the exhibition pavilion became the public space with its roof which is a terrace offering a particular view of the Cathedral.

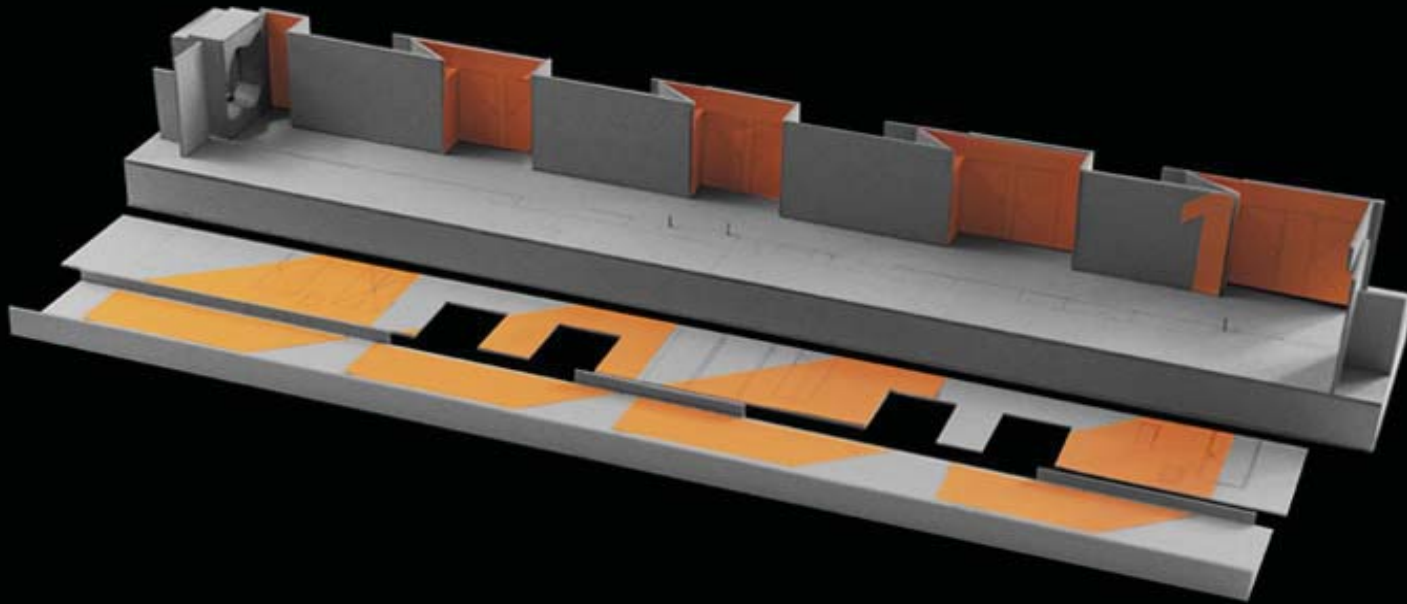
The exhibition was made up by a large modular room, and a succession of little exhibition spaces.



Ground floor Plan



DOMINIQUE COULON & ASSOCIATES



STUDENT HABITATION
CAMELIAS PARIS



ANTIPODE MJC LIBRARY
ZAC COURROUZE RENNES

