

**MIRA A. BEJJANI**

Architecture Student

USEK - 2020

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71 901 368

### **Architecture Portfolio**

Architecture has always been a passion of mine; it's like a form of art, engineering with an artistic vision because after all i've always been into art. I like drawing, playing the piano and photography.

In all these projects I present, I tried to follow a social and environmental approach to architecture in order to secure the well-being of the inhabitants.

# Community Center

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Architecture design 5 - Fourth year - Fall 2018

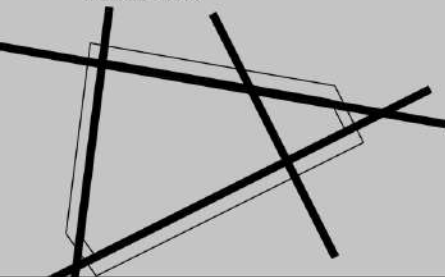
Tutor: Josephina Charabati

Place: Beirut, Lebanon

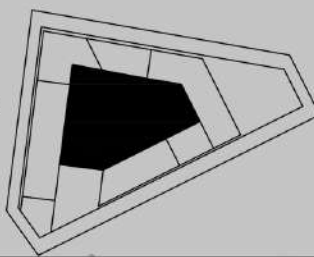


Description: The project assigned was to design a community centre in the heart of Beirut the capital of Lebanon near the Gemmayze street. The concept was to elaborate a green plaza in U shape at the centre of the project in order to bring people together. The public functions are located on the ground floor near the plaza and the private functions are located on the first and the second floor. The purpose of the project is to enhance the communication with the residence of the city and

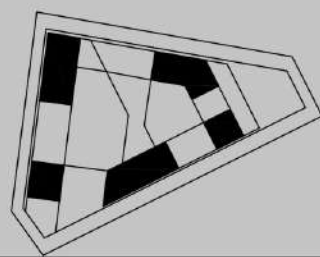
Main axes



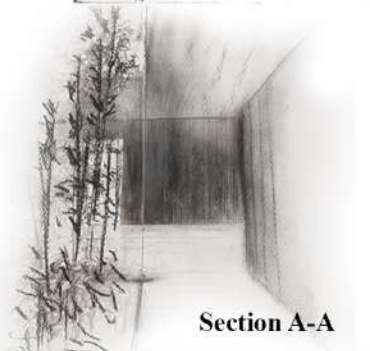
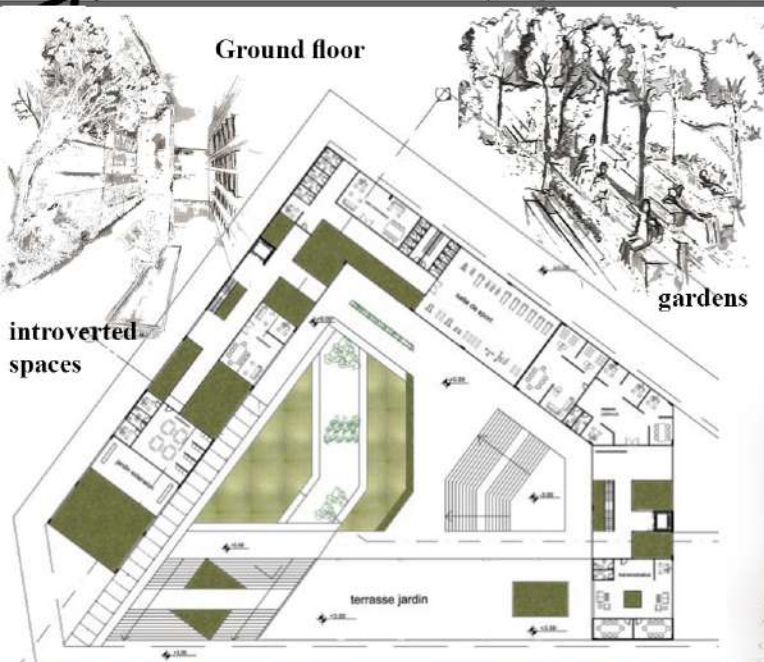
Central plaza



Spatial organisation



Ground floor



Section A-A



# Start - Up Company

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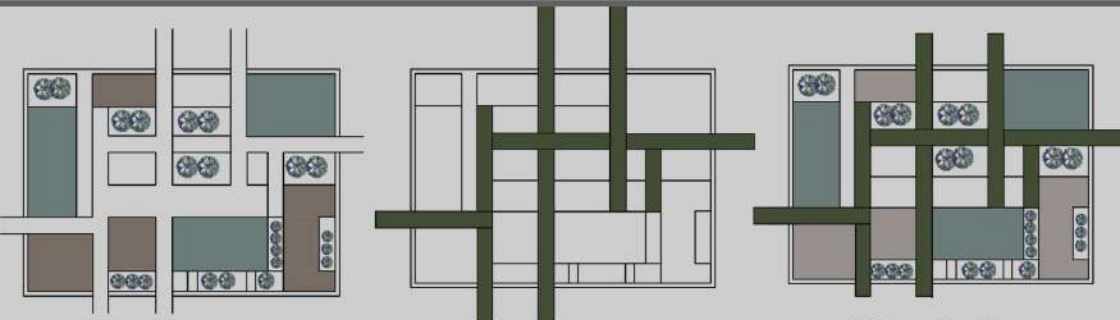
Architecture design 6 - Last Project - Spring 2019

Tutor: Josephina Charabati

Place: Beirut, Lebanon



Description: The project assigned was to design a start-up company for the youth of Beirut including public spaces, leisure spaces and accommodations. The site was known for his charming contrast between old and new residential buildings; he has access to the Charles Helou highway and is facing the port of Beirut on its East side. The concept was to integrate nature in the project and to create a fun work space where you can enjoy working with others and also interact with the environment around you.



Spatial organisation

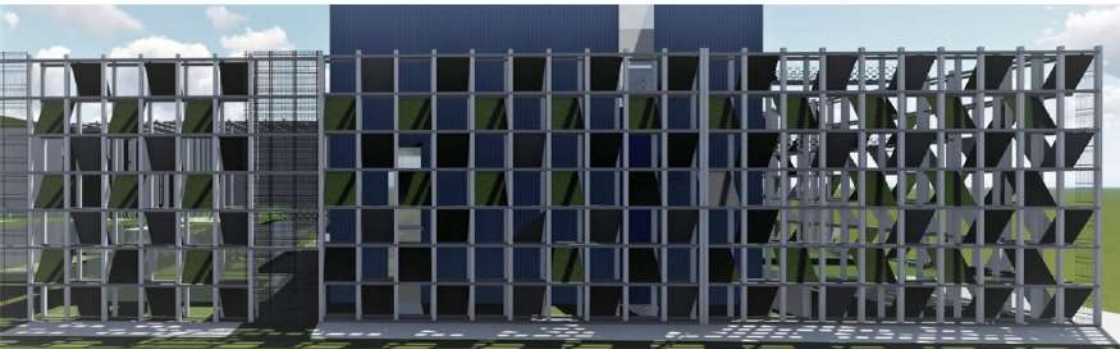
Circulation

The project

On one hand, the public functions like the gym, the restaurants and the library are located in the ground floor near the gardens and the plaza. On the other hand, the private functions like the offices and the accommodations are located in the upper levels.

Elevation

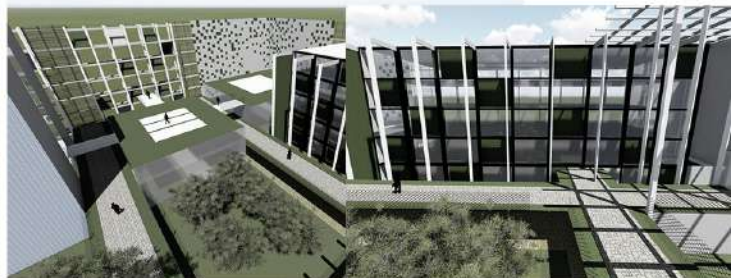
Photovoltaic panels



Green spaces

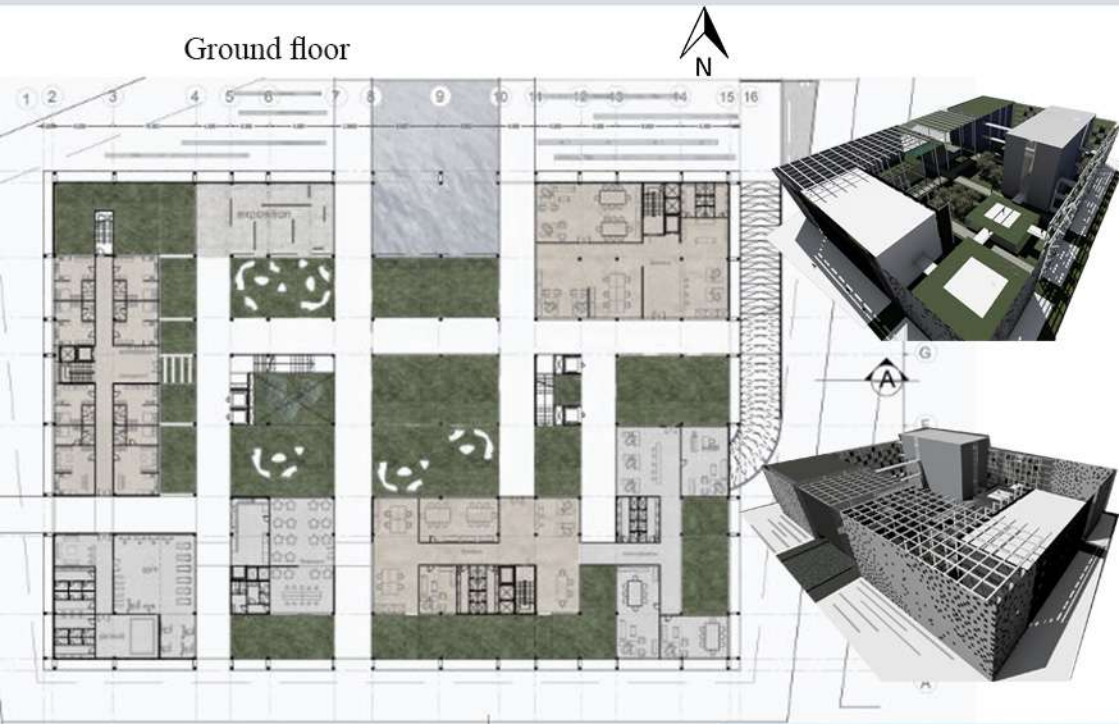
Metalic structure

Green bridge





## Ground floor



## Connection



## Section A-A

## Metallic structure

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



# Social Agriculture Market

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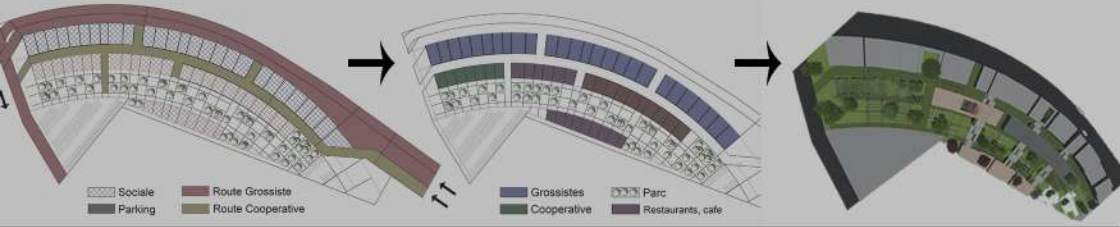
Architecture design 7 - Fall 2019

Tutor: Joseph Karam

Place: Horech Tabet, Sin el Fil, Lebanon



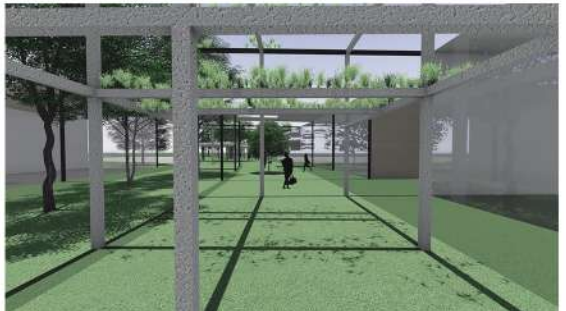
Description: The project assigned was to renovate and reorganise the old agricultural market present in Sin El Fil. The old market wasn't well organized, generated a lot of traffics and wasn't suitable for this residential district. Therefore, the concept of the project consisted on transforming the old organisation of the market by dividing it into two parts: wholesale markets for the wholesalers and trucks and retail markets for the inhabitant connected to a linear park and a public area containing restaurants, coffee shops and exposition spaces.



Circulation

spatial organisation

Ground plan



Section showing the three zone

- Wholesale market
- Retail market
- Linear park



Transparence and visual contact throughout the project and the linear park

Combining Sale activity and public spaces for the inhabitant of Sin El Fil



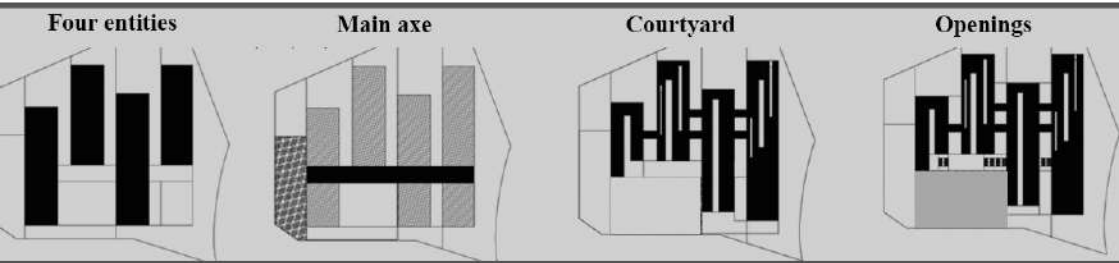
# Military School

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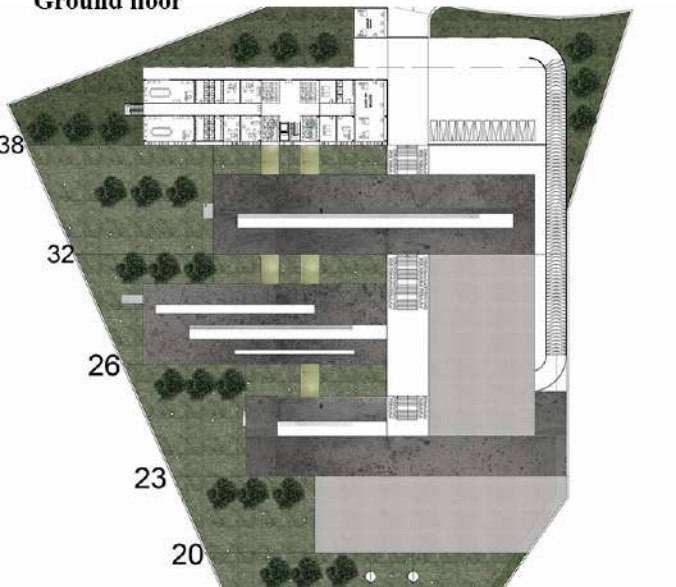
Architecture design 5 - Fall 2018  
Tutor: Josephina Charabati  
Place: Damour, Lebanon



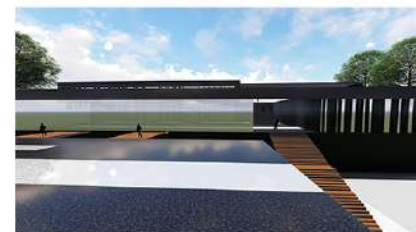
Description: The project assigned was to design a military school in Damour, South of Beirut. The site is located on a slope near a forest and far from the residential district. The concept was to integrate to project in the context while creating a central axis of circulation throughout the four buildings, starting from the main road to a private courtyard. The public functions such as the offices and located near the main road and the private functions like the dorms and the workshops are located near the courtyard in the end of the axis.



Ground floor



The stairs and the main axe



The private courtyard



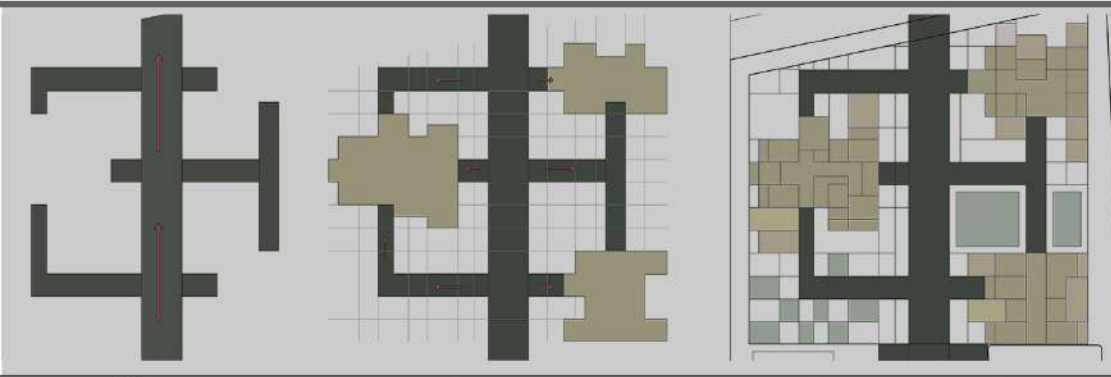
# Ecological housing project

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Architecture design 5 - Fall 2020  
Tutor: Josephina Charabati  
Place: Medawar, Karantina, Lebanon



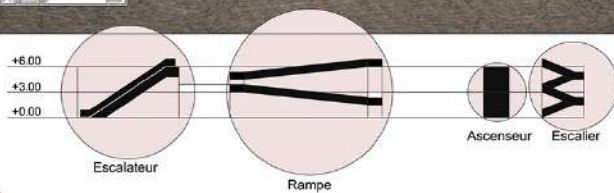
Description: The project assigned was to design an ecological housing complex for youth attached to a green bridge connecting the North and the South part of Karantina. The south part was isolated due to the construction of a highway. Therefore, the concept consisted on integrating nature and a public area (combining three zones: Artistic, Innovative and educative) to the housing complex while keeping a direct access through the bridge. The residential area is developed vertically across three buildings and the public area is developed horizontally around multiple green spaces.



The axes

Three elements

public and private spaces



The three elements

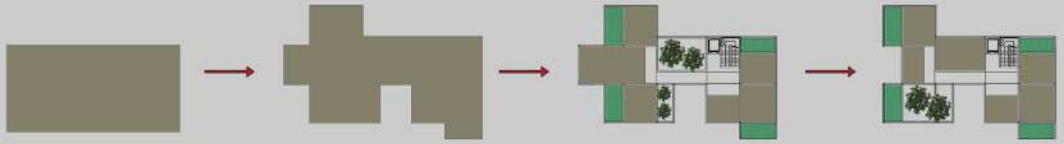


main axe

Gardens  
green spaces



The green bridge



rectangular module

Spatial Transformation

Inserting green spaces

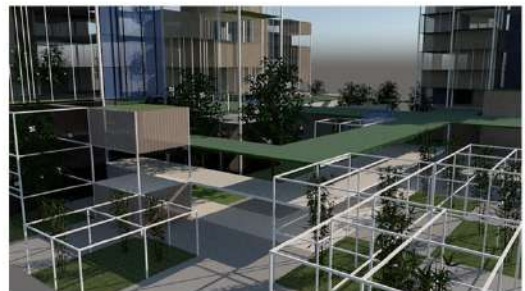
Alternative module



Ground Floor

**Description** The residential area is developed vertically across three buildings and the public area is developed horizontally around multiple garden and green spaces. The purpose of project was to enhance the relation between the ground floor and the upper floors

Garden and green spaces





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