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UNDERGRADUATE CAPSTONE PROJECT IN LANDSCAPE ARCHITECTURE

SUBMITTAL FORM

Tripoli: The Social Hub; Revitaliing the River

by

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LDEM 242- ADVANCED DESIGN SPRING 2017-2018 CAPSTONE PROJECT COORDINATOR:

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Date of project presentation: May, 10, 2020

Revitalizing Abo Ali's River - Tripoli

Tripoli's Social Hub

Professors: Maria Gabrialla Trovato - Balsam Ariss - Mona Khechin

Landscape Architect: Rayan Zoorob





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- Statement of Design
 - Master Plan & Layers
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Introduction to Site - Tripoli

The Triple City - Context

The triple city Tripoli, is a city located north of Lebanon and used to be one of the most important cities in the region. It was the center Tripoli was and still rich in heritage and cultural landmarks, it became one of the poorest left-out cities in Lebanon and the region. The est is Jabal El Mohsen – Bab El Tebbeneh Conflicts where a strategical plan has been done to limit those wars. With all the external for in its population Tripoli became what it is now. After the 17th of October revolution, Tripoli got herself a new name "Arous Al Thawra" the reason behind picking my site.





Introduction to Site - Tripoli

Historical Timeline

10th - 19th Century:

- Tripoli is a Greek name meaning 3 cities and tripoli is one of them. Sidon and Tyre are the other two.
- It was the centre for trade and education in the region
- Earthquake destroying the Byzantine city of Tripoli



1933:

Vegetable market was established in the Tabbaneh area



1970:

Major infrus operate to to the civil



1909 - 1911:

- Road link between tripoli and Beirut was created
- Railway link between Tripoli and Aleppo was created

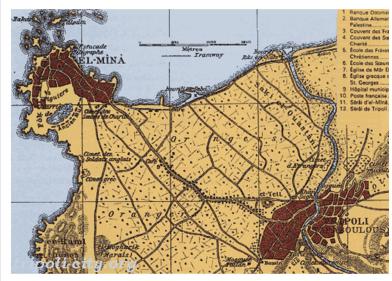


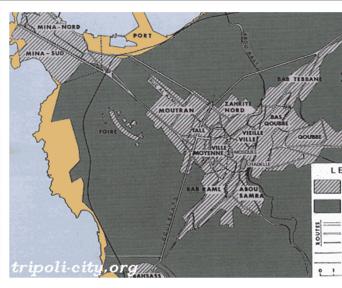
1942 - 1968:

- Flood of the Abou Ali River leading to the demolition of 2000 residential unit
- Concrete channel was built leading to the migration of the inhabitants to new neighbourhoods



Evolution of Tripoli





structure services was ceased to he war as the rail connections due

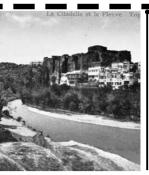


2007-2008:

Increase in the tension between Jabal Mohsen and Tabaneh resulted in a forced exit of the syrian forces in Lebanon

2014:

Establishment of a Security plan to solve the issues between Bab el tabaneh and Jabal Mohsen



1980-1990:

- Start of crashes between Bab el tabaneh and Jabal Mohsen.
- City Lost is multi-confessional nature due to the migration of christians and having 90% muslims.



2011:

An increase of the population upon the syrian crisis and refugees coming to lebanon



GENDE

ZONE CULTIVEE

A VOIES SEPAREES
PRINCIPALES
SECONDAIRES
CHEMIN DE FER
LIMITE DE QUARTIEI
2 3 4 5





Case Studies

A Restortive Landscape Landscape for Stamford





Asla Honor Award 2015

Location: Stamford, Connecticut,

AZU

Completion Date:

2013

Team:

Lucinda Sanders, Partner-in-Charge Judy Venonsky, Design Staff Tiffany Beamer, Design Staff

Project Statement:

The plan envisioned the river as an **amenity and connector**, anchored by a park to the north and with a **multimodal greenway** stretching down to Stamford Harbor. Stamford and the Mill River Collaborative engaged OLIN to create—in collaboration with the Army Corps of Engineers—a plan to **restore the meandering river and craft a vision for the park**.

The plan aimed to achieve three primary goals: create a park that meets the recreational and civic needs of a diverse population, provide a natural habitat for native flora and fauna to flourish, and offer a vision that is economically viable, maintainable, and implementable.







Asla Honor Award 2013

Location:

Qian'an City, China

Completion Date:

2013

Team:

6 Landscape architects, 3 Civil Engineer, Artist, Structural Designer, Horticulturalist. Team Leader

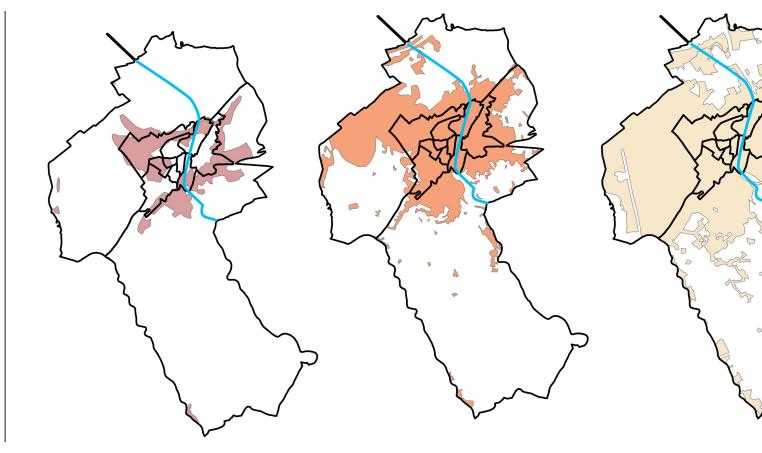
Project Statement:

The Qian'an Sanlike Greenway is transformed from the former garbage dump and sewage drainage. It exemplifies how a neglected landscape can be recovered as an green infrastructure and everyday landscape with restored ecosystem providing multiple services. The combined pedestrian and cycle paths for both commuting and recreational use are integrated with art, revitalizing social identity by reflecting local traditions. Through the generation of ecological and aesthetic benefits, the project catalyzes sustainable urban development in the region

Context of Site

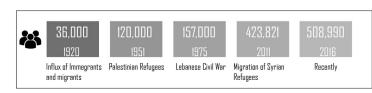
Within Tripoli, I've Decided to focus on the area of Abou Ali's River and neighborhouds around. River abou ali used to act in the past as an element that brought people together, but it went under a lot of floods until the most disastrous one in the 1950s which pushed for the channelizing of the river creating as a result connection issues on different levels as the physical, vegetational, and visual for the cities on the opposite sides of the river bank. In addition to that there was a disconnection between neighborhoods on the character level. For instance on one side it was purely residential with activities being as minimal as people siting or relaxing on the stairs while they were on their way to the destination area. While on the opposite side and across the river the commercial mixed activities were condensed. Hence this reflects the different characters found across the site.



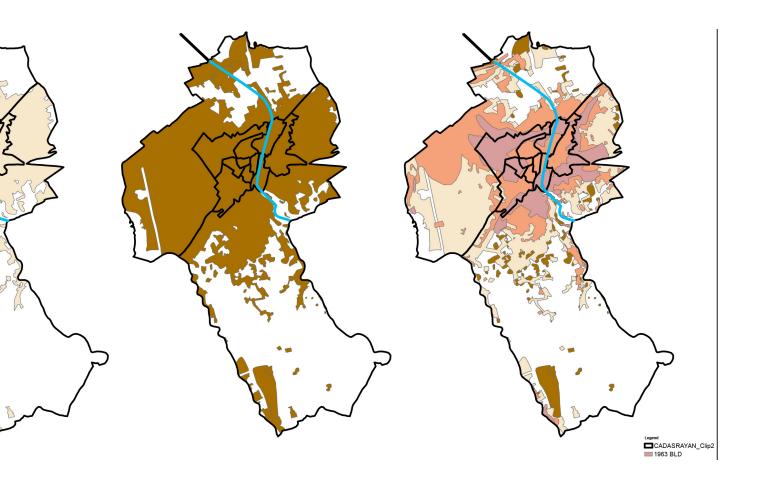




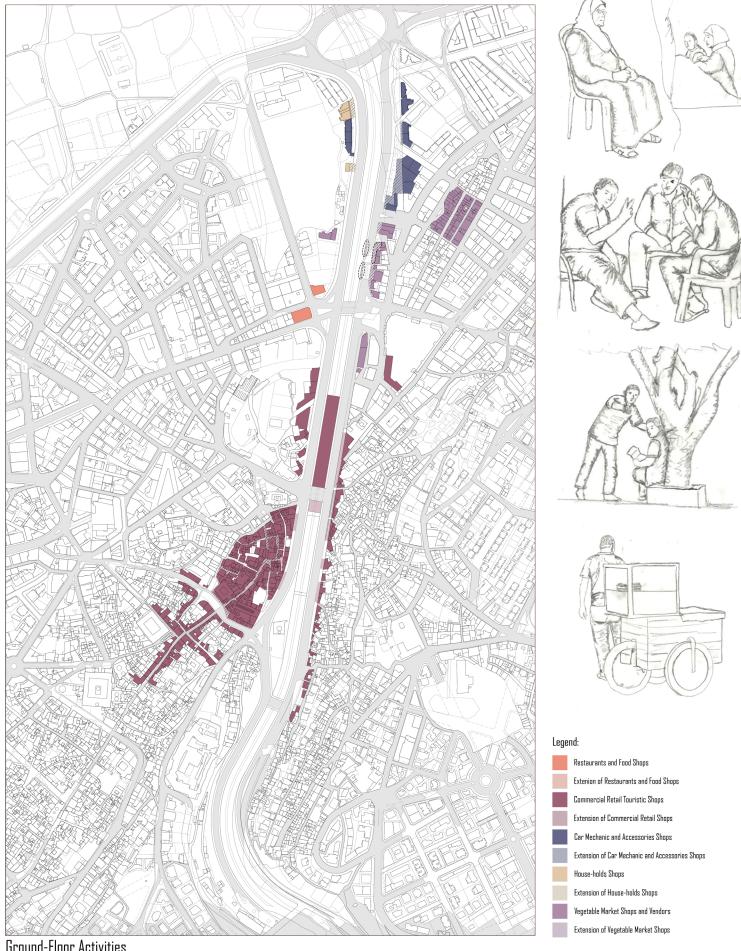
Context and Neighboring Cities to Tripoli



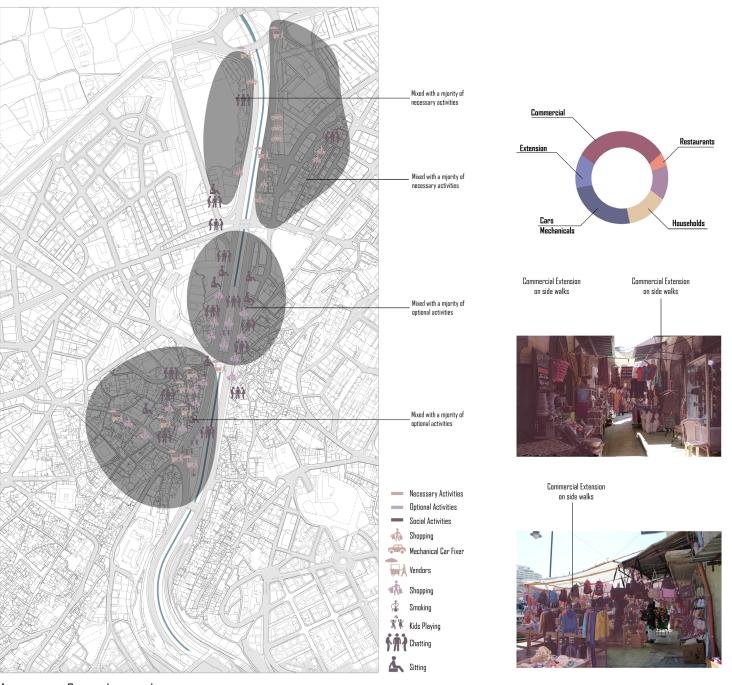
Population Grwoth 1920-2016



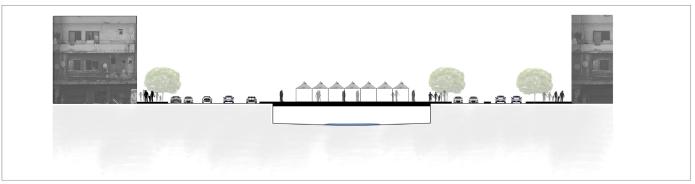
Study of Site



Ground-Floor Activities Scale 1:2500

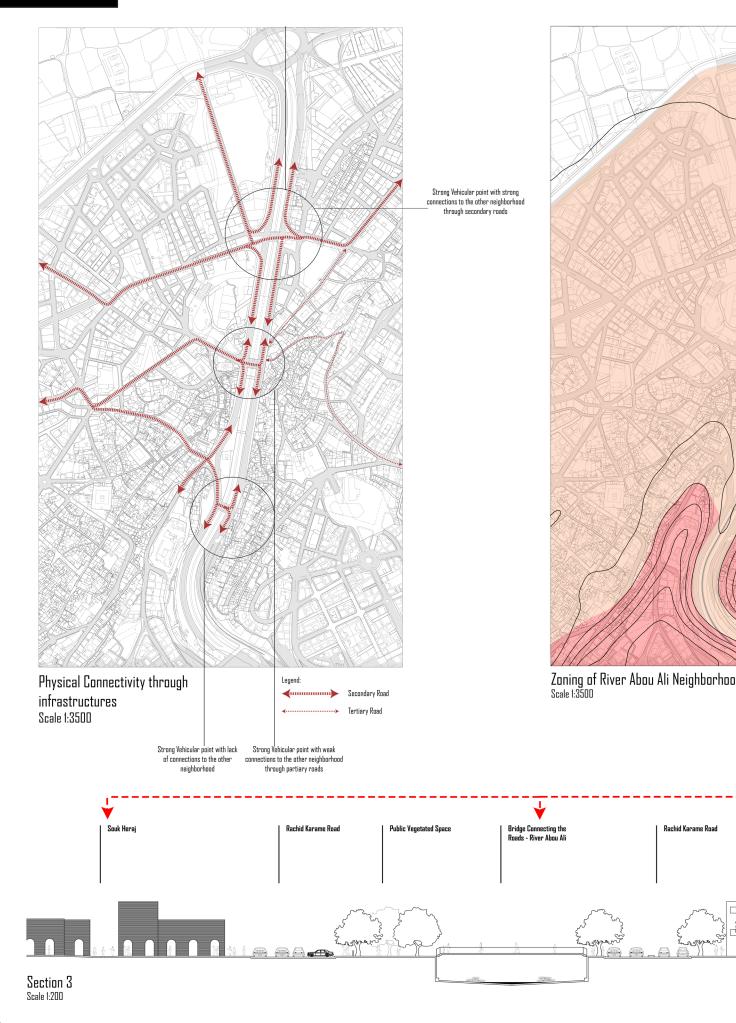


Activities on Site and zones they create Scale 1:3500

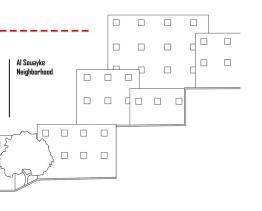


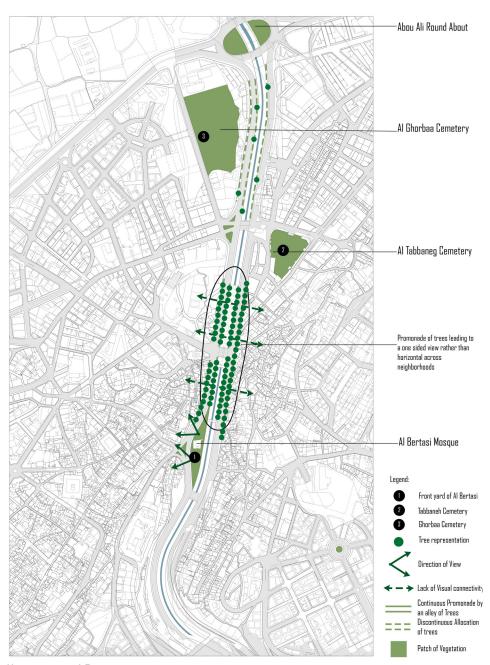
Section 1: Exisitng Conditions and activities Along the River

Study of Site





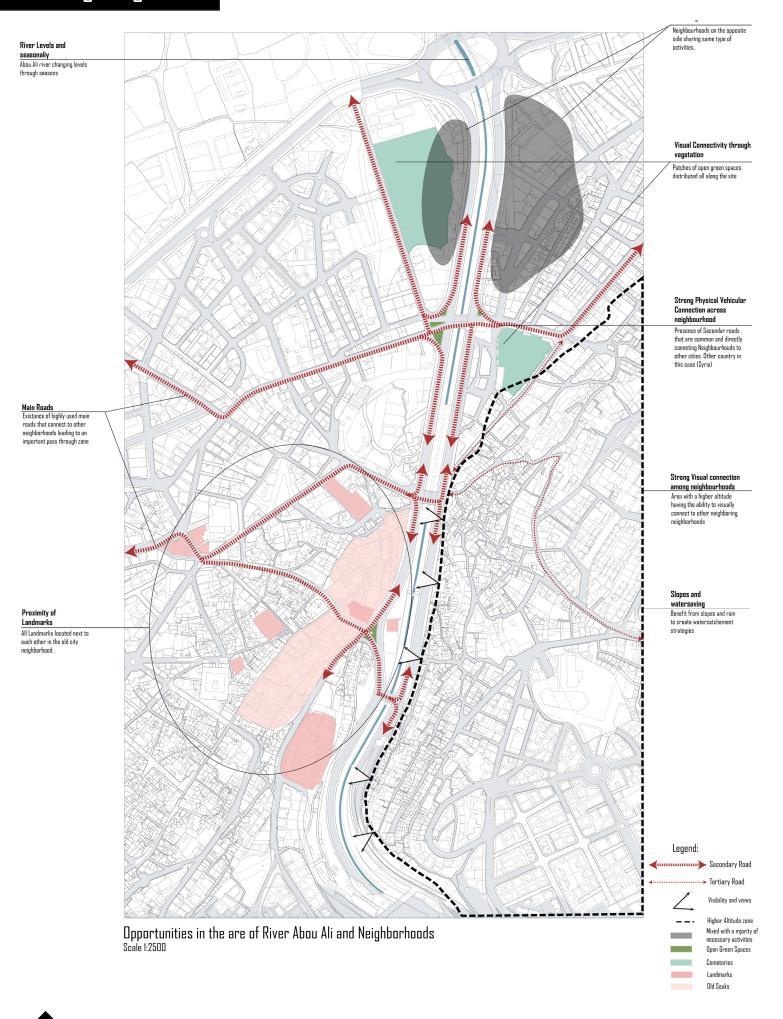


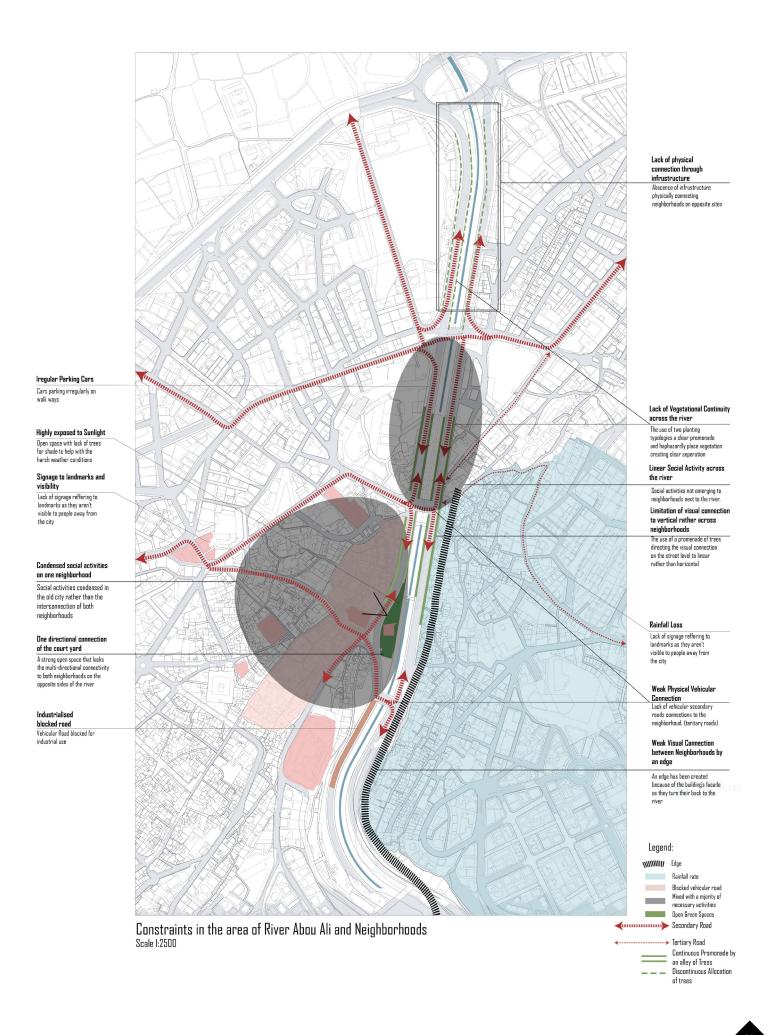


Vegetation and Connectivity Scale 1:3500



Investigating Site



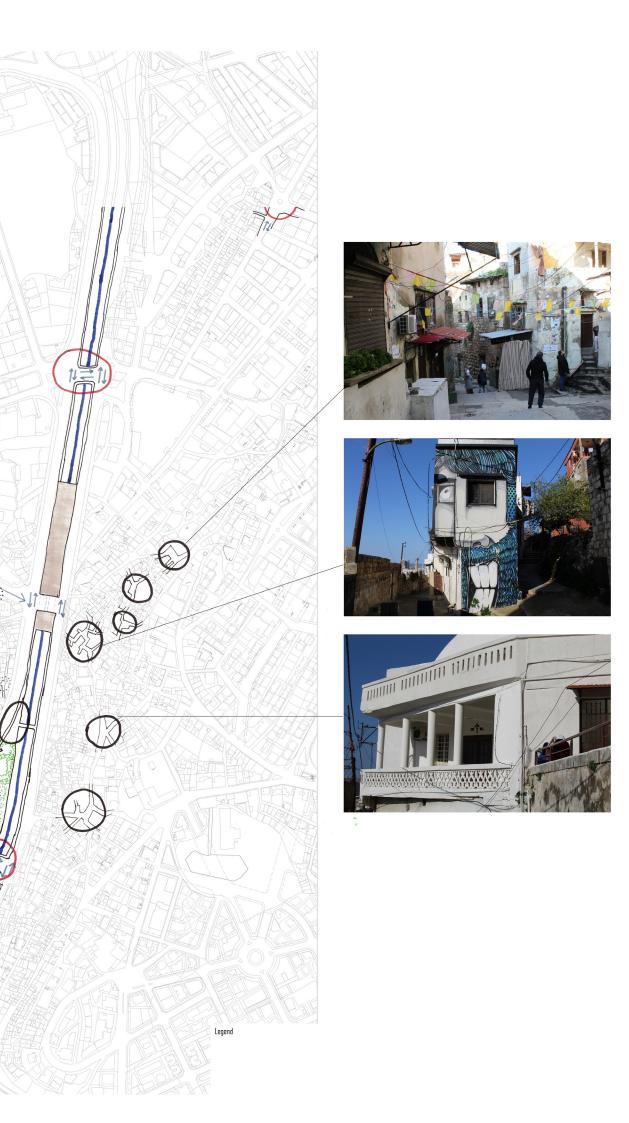












Investigating Site

























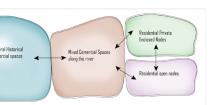




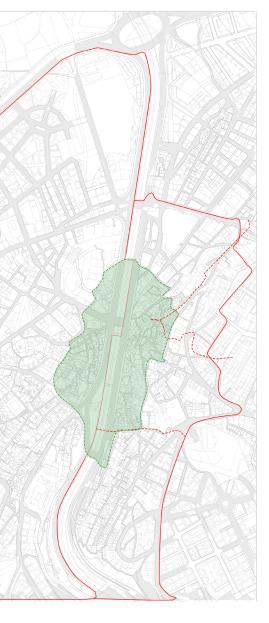
Investigating Site

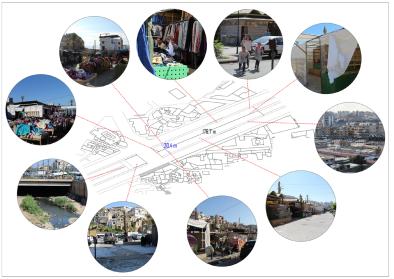


Concept



ıal Diagram





Existing Conditions of the Old Sunday Market



Legend

Existing Edges among Neighborhoods

Blurring Edges among Neighborhoods

Existing Blured edges among neighborhoods

Forming new blured edge among neighborhoods

Forming one entity/ space

Existing Conditions

Strategy





Establishment of water catchment techniques as bio-swales within alleys and rain gardens, which aims to improve the environmental aspects and water shortage issues of the site through sustainable green lands

Concept Statement

This design aims on the neighborhood scale on enhancing the diverse characters of Abou Ali River neighborhoods to create a one joined neighborhood with its different characters through 3 main strategies establishment of new techniques, enhancing physical and visual connections, and integrating new space





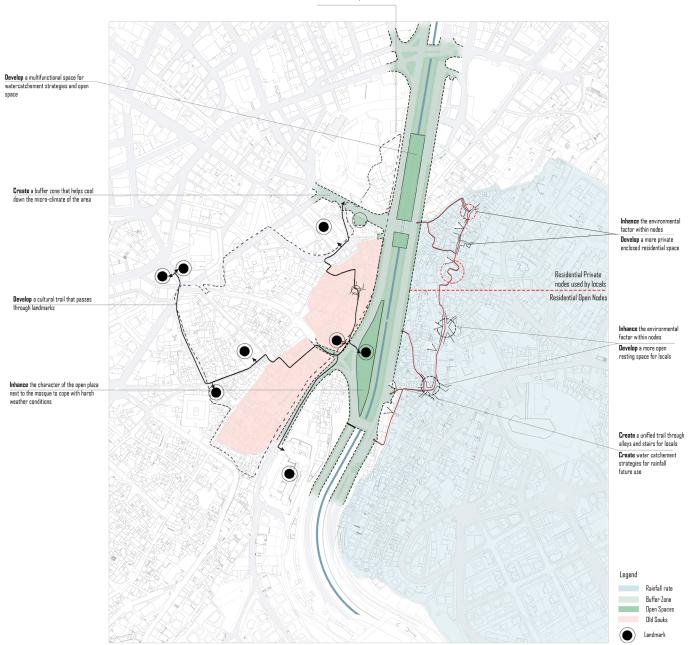
Enhancing the physical and visual connections using the existing nodes and alleys within residential neighborhoods as Al Qobbeh and Bab Al Tabbanh through installing sitting areas and viewsheds exposures



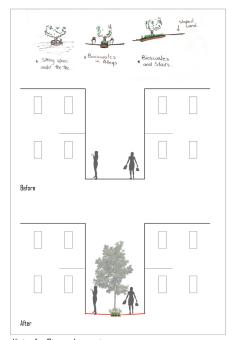


Integrating a new multifunctional plaza that allows the existence of pop-up markets and get away plazas from the condensed urban life in the city spaces, which will improve the financial status of locals and connectivity of .neighborhoods

Inhance the old city character



Strategy Scale 1:2500



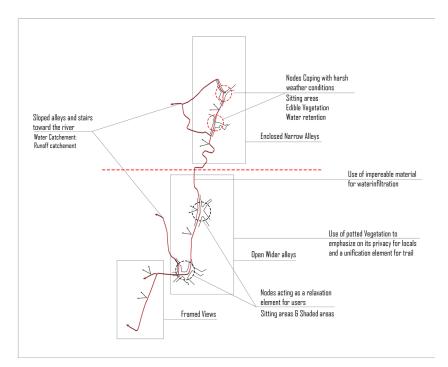
Vision for Bio-swales on site

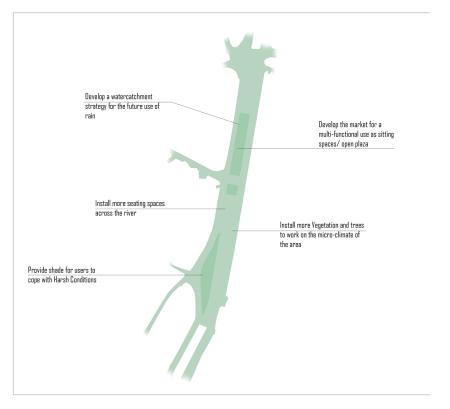


Vision for Viewing points fo the viewsheds









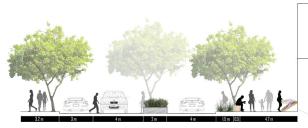


Vision of unified hardscape for unity



Bio-Swale mood Image

General Proposal



Section 3: Showing Road Edits



Road View



Section 1: Bioswale in alley Scale 1:50



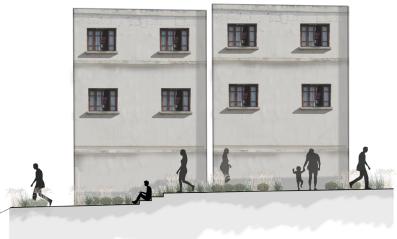








Nodes Within Neighborhood vision



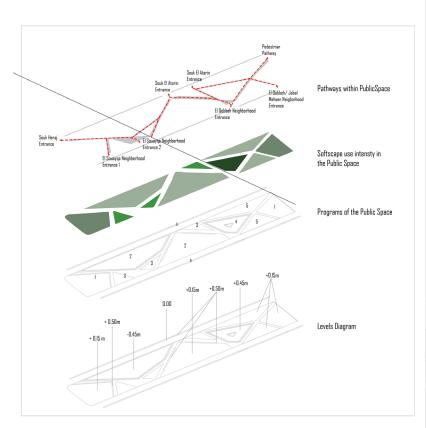
Section 2: Bioswales and stairs in Alley $_{\text{Scale }1:50}$



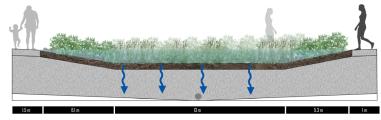
Vision for bioswales in Neigborhood

Zoom-in Design

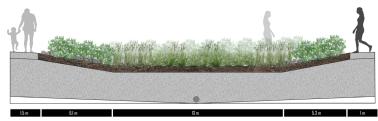
Concept Statement: The aim of this design is rethink the old Sunday Market as an open space, which this zone lacks, that allows the exchange of activities of neighborhoods across the river with a unique physical connection.



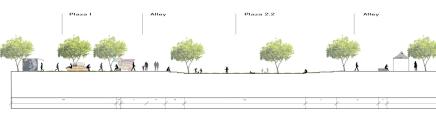




Section 1: Rain Garden After Rain



Section 2: Rain Garden before Rain Scale 1:100



Zoom

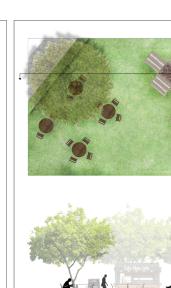
Scale

Section 3: Site Levels and Measurements Scale 1:250



Zoom-in Design





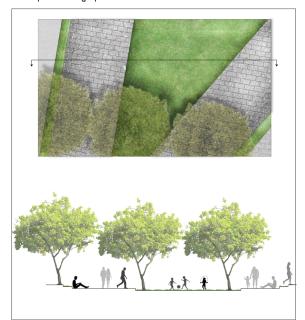
Blow Up 1: Enclosed Space



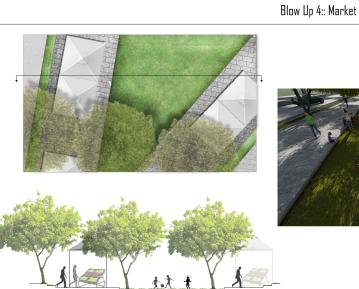


Blow Up 2: Coffee shop

Blow Up 3: Resting Space for workers



Blow Up 5A: Without Pop up market and kids area



Blow Up 5B: With Pop up market and kids area



