

Lina Qasim

Landscape Architect and Agriculture Engineer
Design Portfolio



Curriculum Vitae

Objective

Entry level Landscape Architect seeking a position to further develop my knowledge and skills in analysis, design planning and management.

Education

2015-2020
Bachelor of Landscape Design and Ecosystem Management and Diploma in Agriculture Engineering
American University of Beirut, Beirut Lebanon

2015
High School Diploma
International Schools Group in Dammam, Saudi Arabia

Software Skills

Autocad	● ● ● ● ●
Adobe Photoshop	● ● ● ● ●
Adobe InDesign	● ● ● ● ○
Adobe Illustrator	● ● ● ● ○
Sketchup	● ● ● ● ●
Lumion	● ● ● ● ●
Microsoft Word	● ● ● ● ●
Microsoft Excel	● ● ● ● ●
Geographic Information System	● ● ● ○ ○
Rhinoceros	● ● ● ○ ○

Skills

Design and Concept Development
Combining design with sustainable strategies

Teamwork and Communication
expressing ideas and contributing in a constructive manner

Critical Thinking
Developing creative approaches to all types of challenges.

Certificates

July 2019
Certificate of participation in the Concorso Fortezza landscape competition in Italy

Personal Information

Date Of Birth: October 24,1997
Email: Itq00@mail.aub.edu
Cellphone: +96176055909
Address: Beirut, Lebanon
Nationality: Jordanian

Work Experience

February 2021-Present
Freelancing
The Garden Palace
Jeddah, Saudi Arabia
- Worked independently on assigned projects.

- Responsible for design and concept development.

December 2019- July 2020
Internship
Lebanon Reforestation Initiative NGO
Beirut, Lebanon
- Worked on development of drawings relating to their forestation and reforestation initiatives.

June-August 2019
Internship
Grupo Aranea Architecture Firm
Alicante Spain
- Worked Primarily in drafting the master plan and sections for the Concorso Fortezza competition in Italy.

- Aided in the development of the conceptual design.

March 2019 - May 2019
Landscape Management Internship
Arbusta Landscaping
Beirut, Lebanon

- Worked alongside agriculture engineers and supervised irrigation maintenance.

- Developed management manual.

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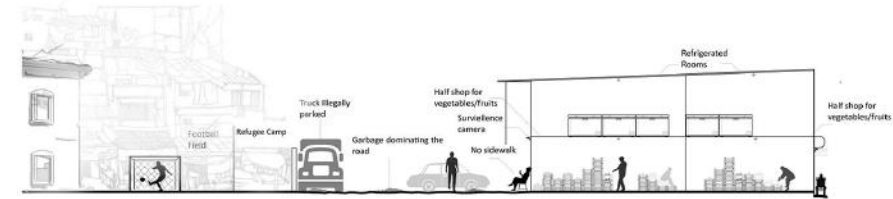
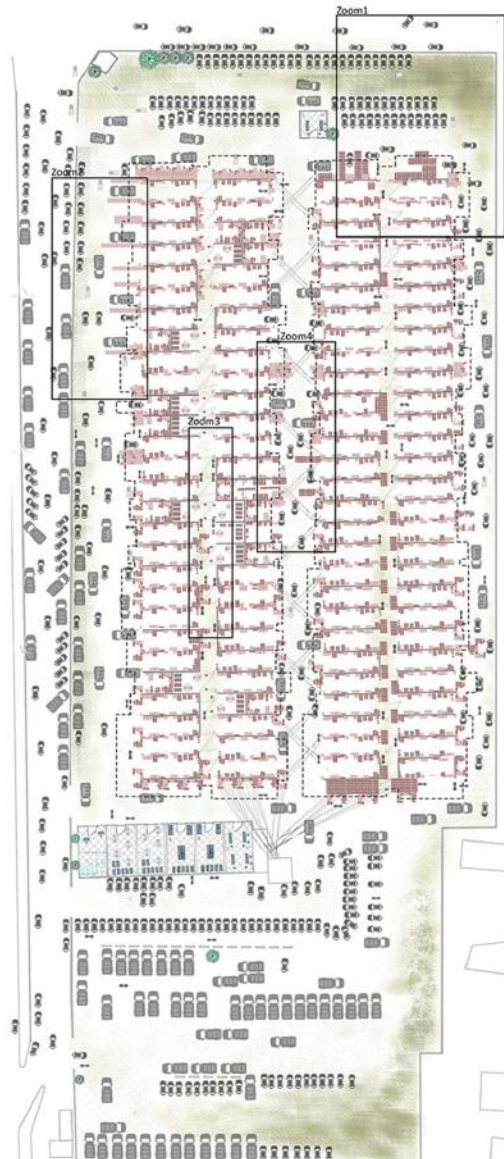
From FARM to FORK

Urban Landscape Design

Site analysis and Inventory

The proposed site is in Ghbayre region, in the city of Beirut. It is a whole sale fruit and vegetable market, it serves as the main distributor of fruits and vegetables to retailers all around Beirut.

Because of the location of the site which is between urban settlements on one end and the Palestinian refugee camp on the other end, it is very complex and rich. Overall the site is poorly designed for the safety of the users and workers, quality of products and social spaces, it misses out the potential of the site being a central hub, and the many opportunities for the users and the workers to learn about food and agriculture.



Typology of Shops

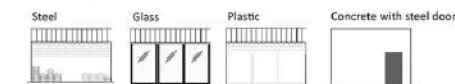
According to shop size



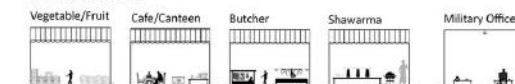
According to shop layout



According to facade material



According to type



According to product layout



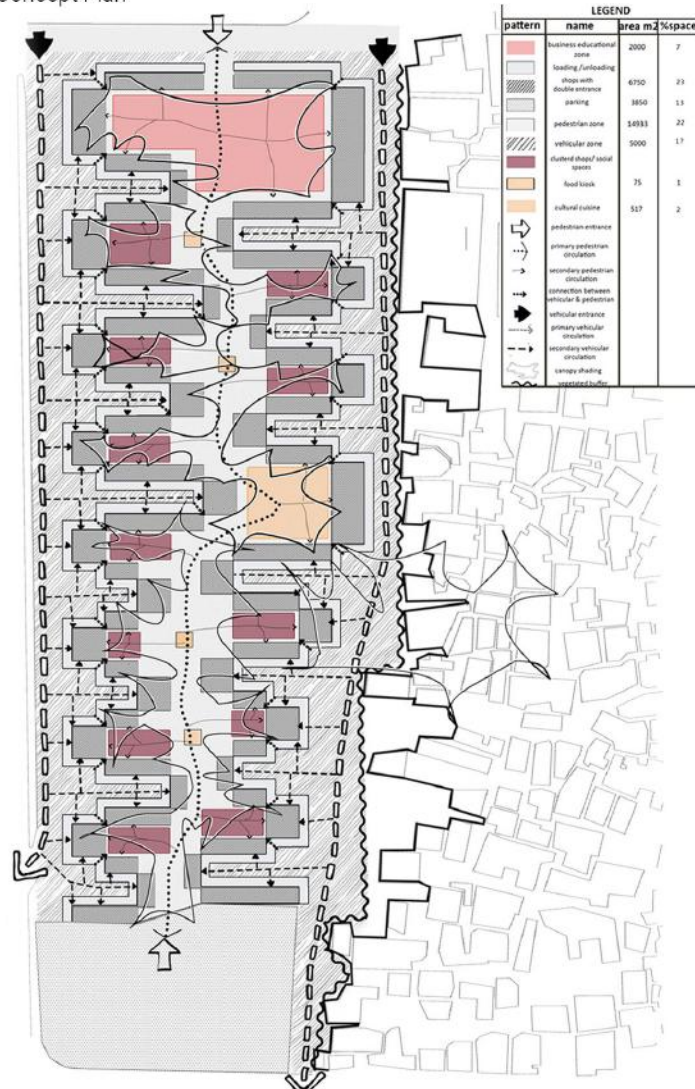
The Reserve

Urban Landscape Design

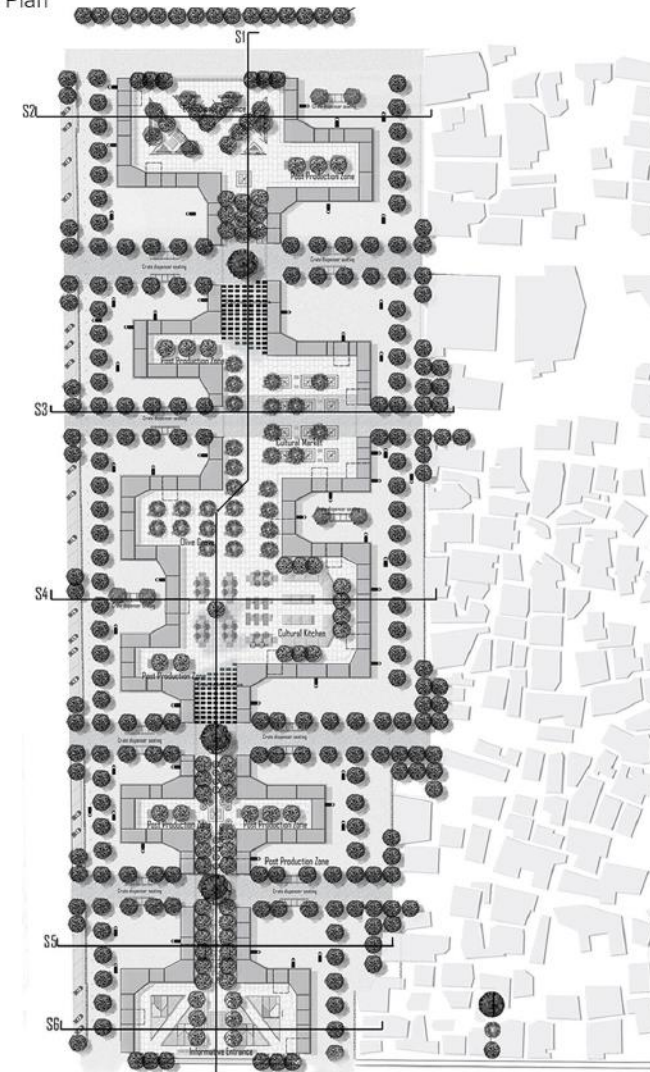
Site Design

Reserves are commonly known as areas of land that conserve the quality and safety of life for plants and animals which form the basis of an ecosystem. Similarly, A market reserve is designed for the quality of a market ecosystem that are the products, social spaces, green patches and market elements. The result is a market that is not only efficient and functional but also a hub where people gather over agriculture, food and business.

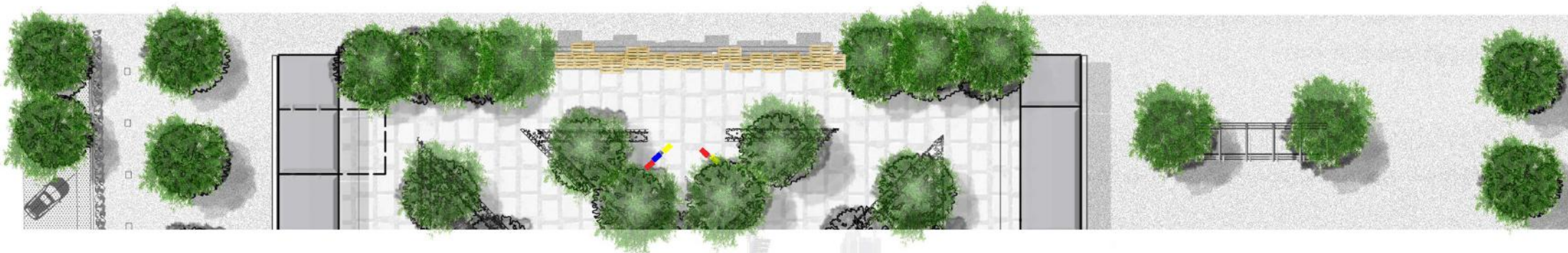
Concept Plan

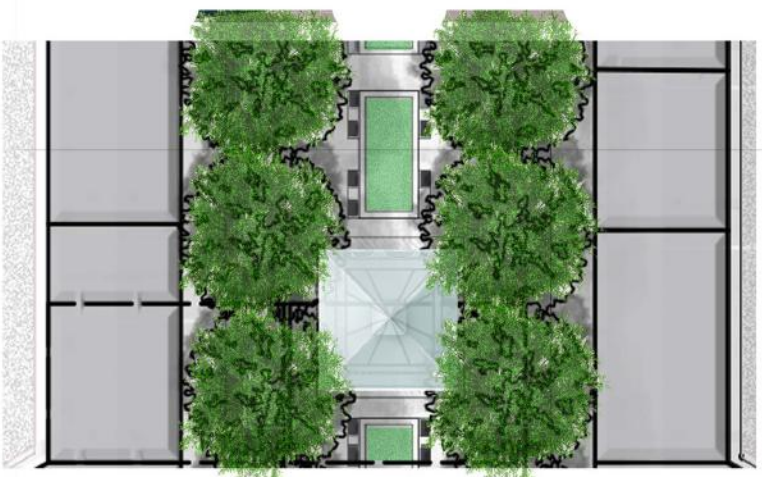


Site Plan



Sections and Zoom in Plan





Perspectives

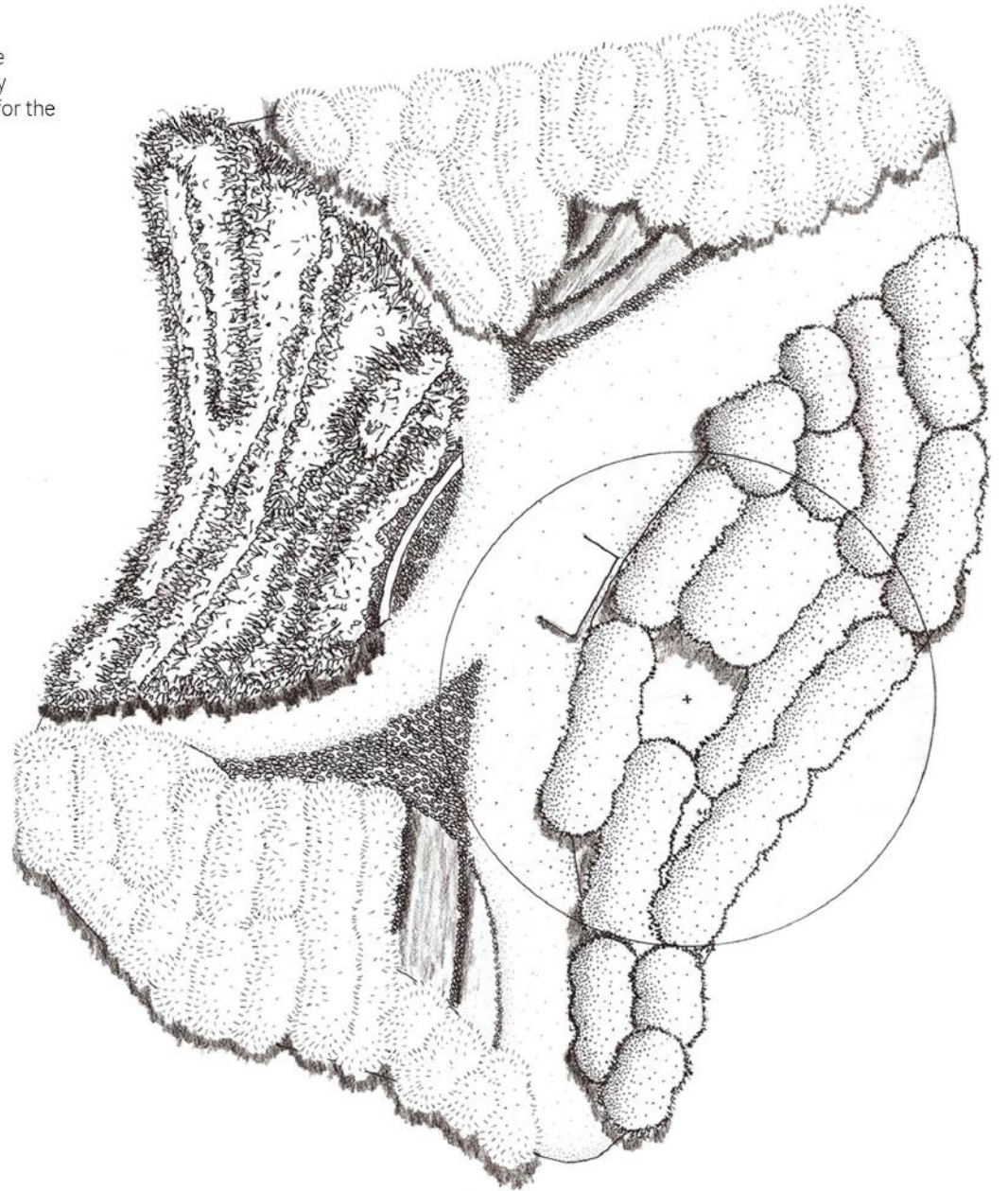
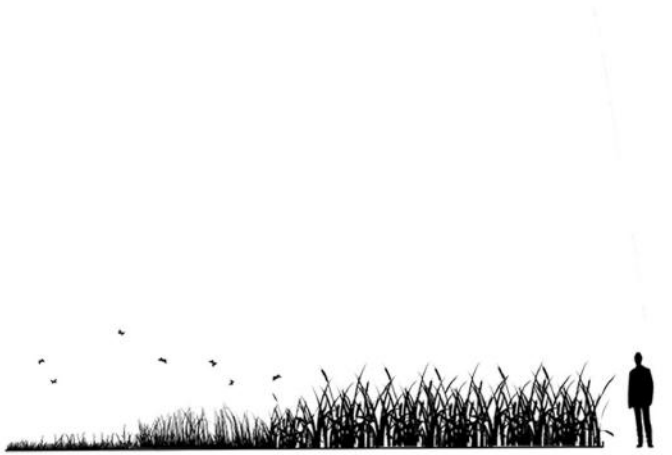


Nature Calls

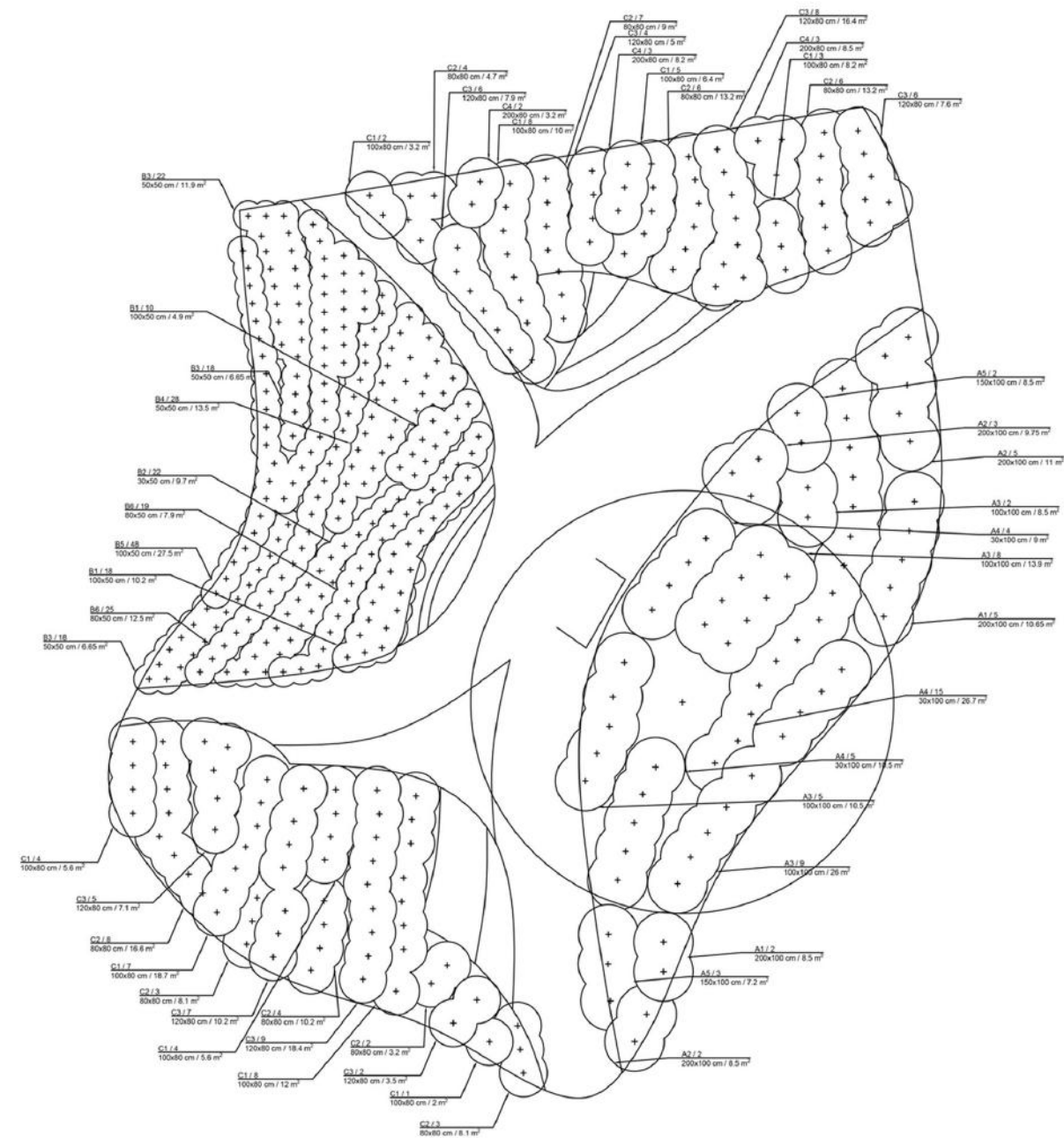
Planting Design

Site Design

The proposed site is located in the American University of Beirut agriculture farm, in the the Beqaa Valley, Lebanon. The purpose of the design is to manipulate the movement of wind by using grasses, pebbles, and water emphasizing sound which represents the theme chosen for the pocket garden



Technical Plan



Seasonality Plan



The Seven Valley's

Natural Design

Limit urban expansion through laws and regulations
Create buffer zones around urban areas to not allow further expansion

Connecting major ecological forest patches through eco-touristic trail and introducing camping sites

Reviving cultural heritage by creating cultural trails

Connecting Forest Patches with green corridors

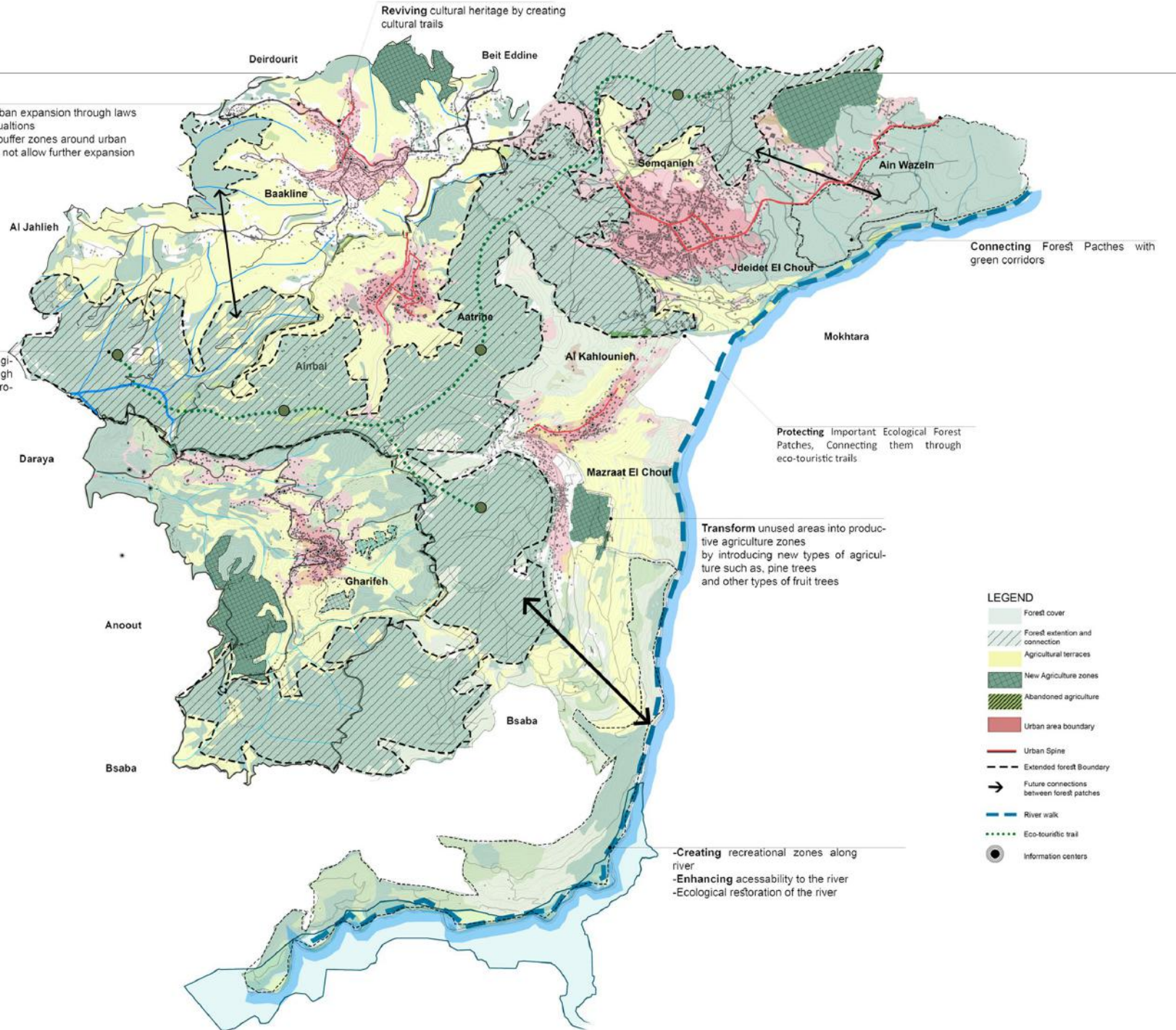
Protecting important Ecological Forest Patches, Connecting them through eco-touristic trails

Transform unused areas into productive agriculture zones by introducing new types of agriculture such as, pine trees and other types of fruit trees

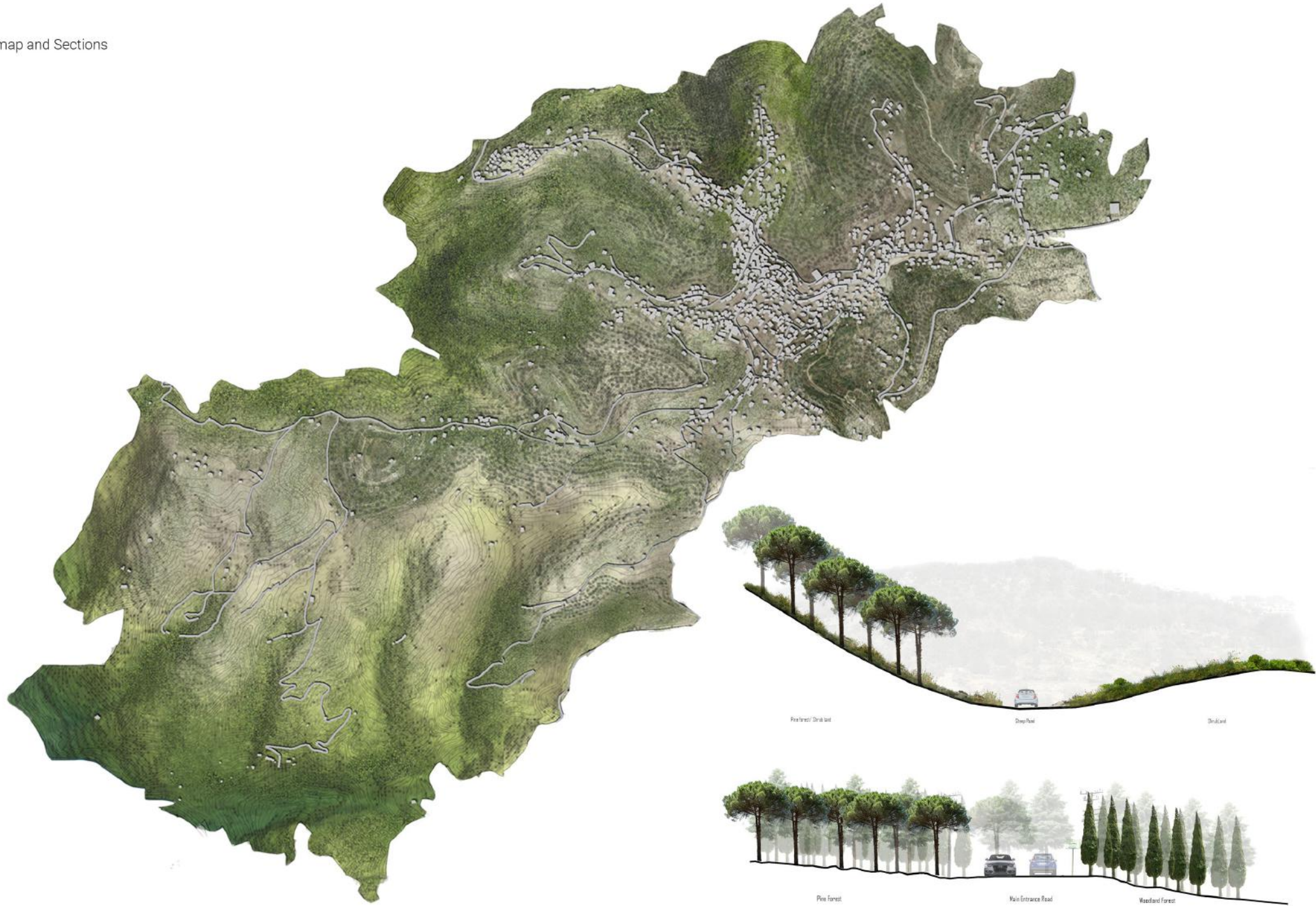
-Creating recreational zones along river
-Enhancing accessibility to the river
-Ecological restoration of the river

Site Analysis

The proposed site is in the Swajani district of Mount Lebanon Which consists of nine villages.
A strategy was established for each of the 9 villages, the main focus was on the village Baakline.



Basemap and Sections

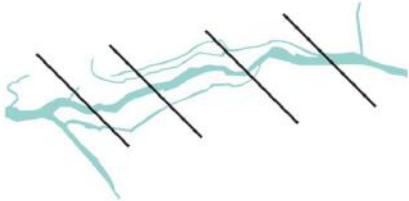


Baakline River Reconstruction

Site Design

The Design Strategy purpose is to gradually transform the river from an infrastructural/constructed environment to a reconstructed ecological space. The design strategy aims to maintain the character of the natural river zone and enhance its recreational value by creating new recreational spaces, green terraces, riparian corridor.

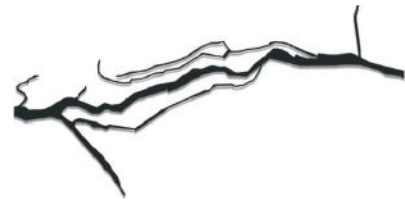
Concept



East and West Connections



Intervention on open spaces along the river



Intervention on the river

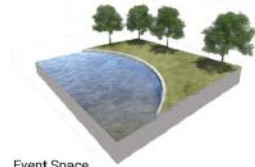


Programs



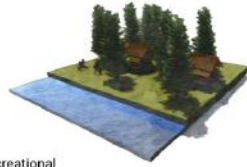
Riverwalk

Connections between the two sides of the river creating a river walk



Event Space

Open spaces along river for events and programs



Recreational

Maintain the character of the natural river zone and enhance the recreational value by minimizing built areas and creating picnic areas



Educate Through Design-Arboretum

Benefit from open spaces along river as an educational space for the public to learn about diverse plants species



Tree Production

Recover the space along the river by creating buffers that act as a **greenway**. Create a continuous riparian corridor that provides for habitats



Aquatic and Riparian

Ecological Matrix with wetland species that improves overall water quality and stabilizes river bank through Phytoremediation



Green Ways and Terraces

Green spaces along river used for walking and exercising. Terraced Landform keeps soil on slope while providing dynamic programs



Bank Stabilization

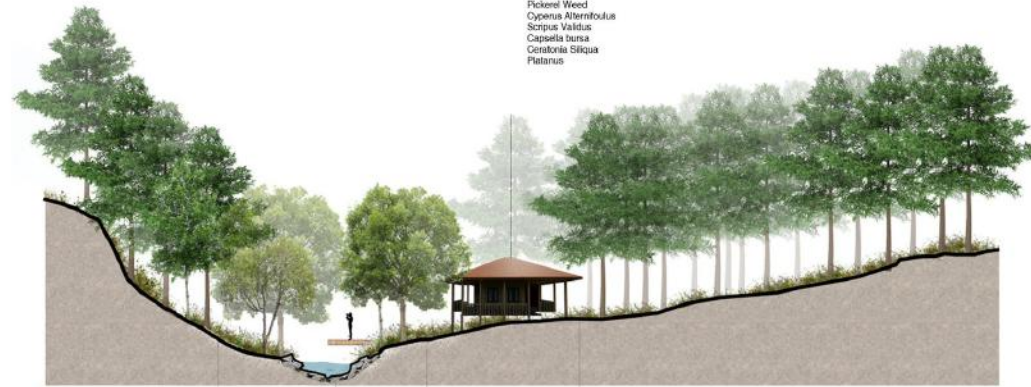
River Bank is stabilized through sustainable way by using root system of trees that keeps plants from being washed away

Sections



Restoration of Aquatic Edge
 Salix Babyonika
 Salix Alba
 Pickerel Weed
 Cyperus Alternifolius
 Scirpus Vahitus
 Carex lasiocarpa
 Ceratonia Siliqua
 Platanus

Wooden Deck for Observing Birds and Aquatic Fauna

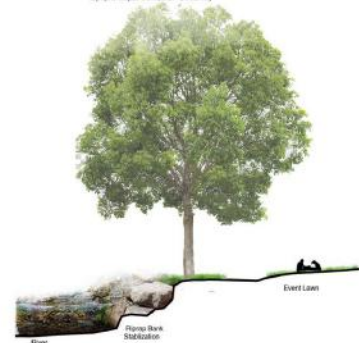


Deep Rooted Shrubs And Perennials
 Sambucus nigra- Elderberry
 Rhus Toxicaria- Sumac
 Symplocos tinctoria- Coadunberry

Rip-Rap Bank Stabilization

Engineered Horticulture Soil

Grasses and WWI Flowers
 Rudbeckia hirta- Black-eyed Susan
 Rosmarinus
 Ceanothus occidentalis- Bluebush



Invert Lamin

Rip-rap Bank Stabilization



Additional Work

3D Drafting for Lebanon Reforestation Initiative

3D visuals as part of volunteer work for the NGO, Lebanon Reforestation Initiative. The project includes vacant lands in the West Beqaa region in Lebanon, that were transformed into agricultural sites. 3D visuals were drafted to help the client visualize what the project would look like post planting.



Freelance Work

Design and concept development

The site is a restaurant terrace in the city of Jeddah, Saudi Arabia. The client wanted to transform the outdoor area to an attractive Italian theme terrace.



