

Ruqaa رُقعة



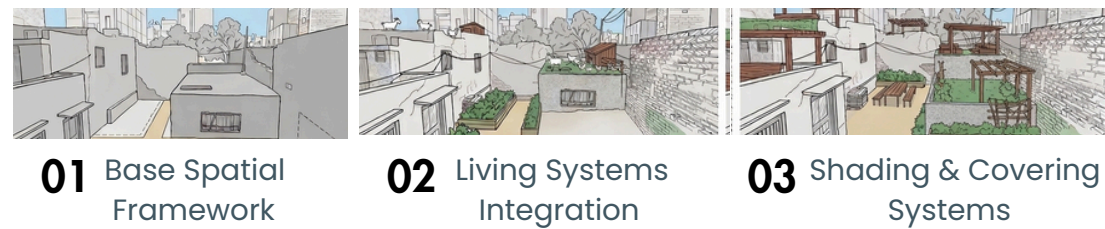
Social Hub

Zone A

Concept Statement

The project aims to enhance quality of life for residents around the historic Hammam of El-Khanqah and the Safiyy al-Din Dom by upgrading housing conditions and reactivating open spaces, the project will introduce social activities that foster community ties, support children's needs, promote healthier living environments and minimize the ground water amount in historic district.

Concept diagram

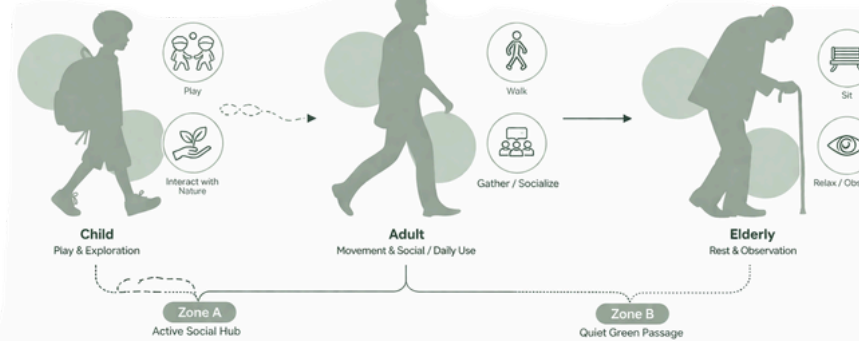


Historical Background

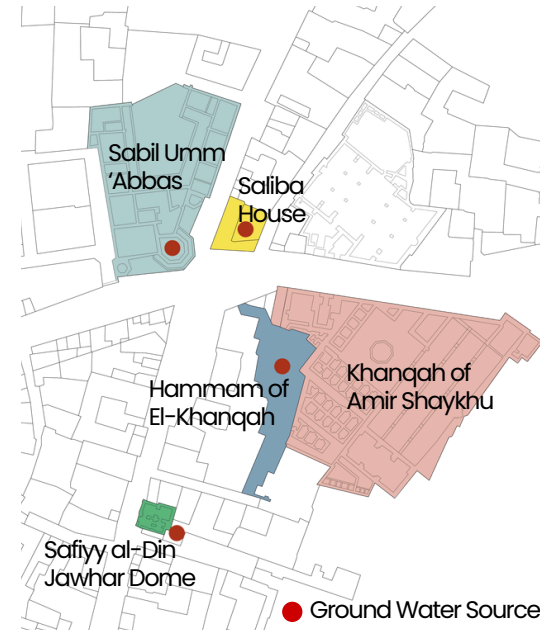


On Saliba Street, Al-Saliba House, the Khanqah of Shaykhu, & the sabil-kuttab of Bamba Qadin reflect Ottoman and Mamluk life and architecture. Nearby, the Dome of Safey El-Din shows a simpler medieval funerary style.

Users Analysis



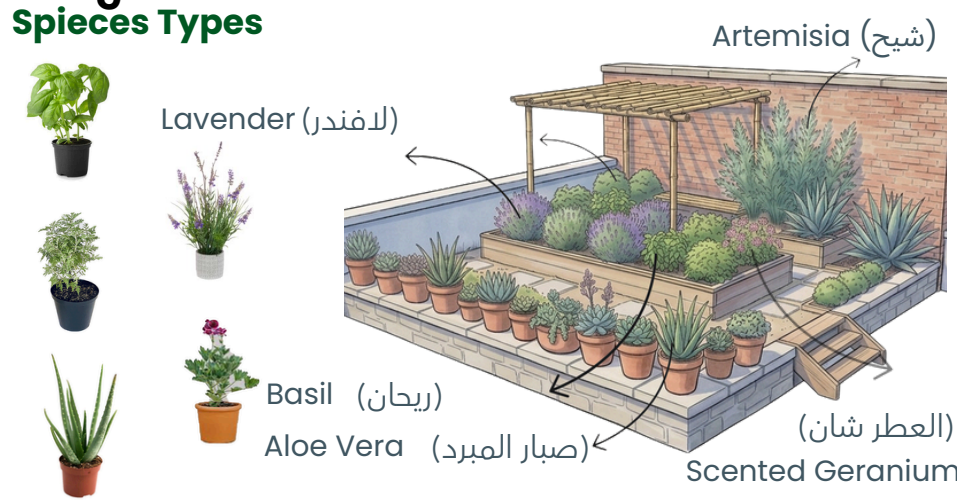
Problem & Observation



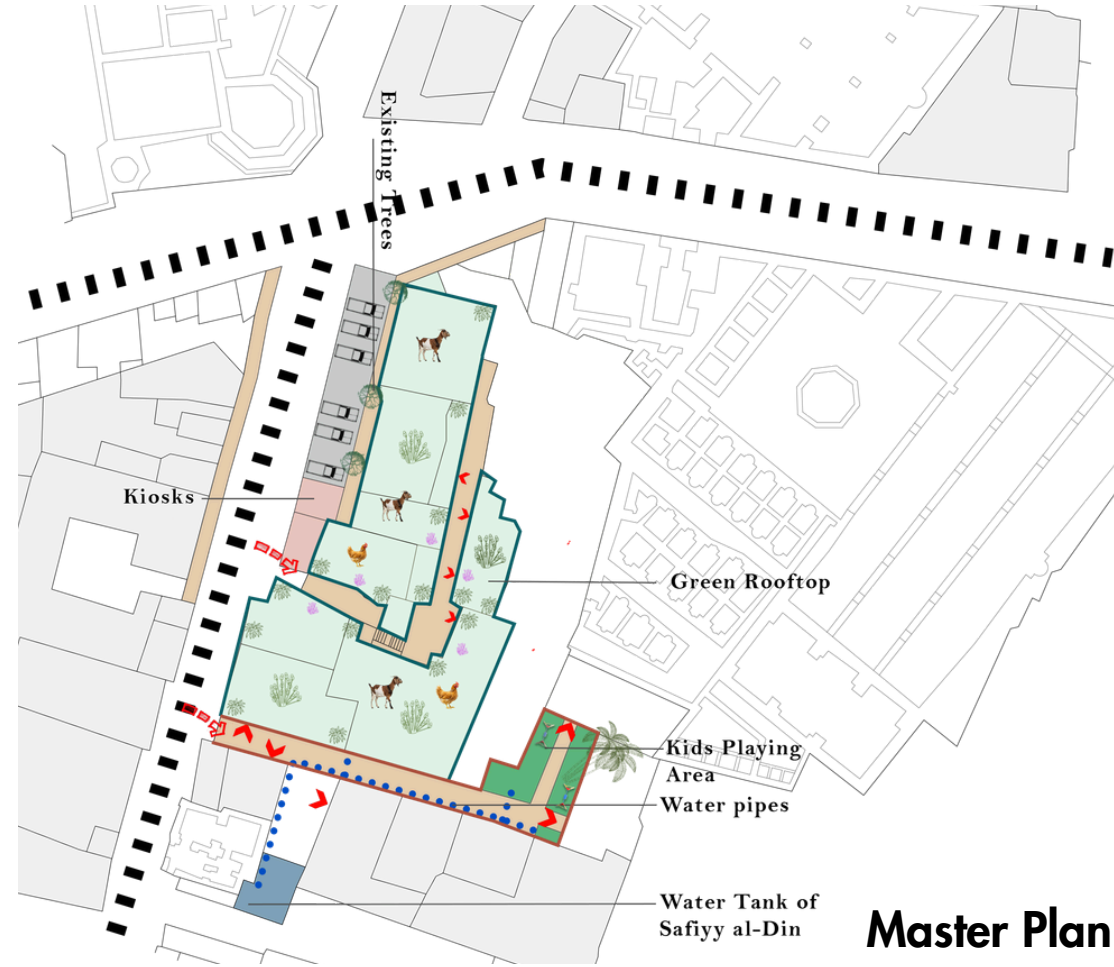
- Water collects in four key spots.
- It harms daily life and the urban environment.
- The unused water is wasted and causes environmental issues.

Strategies

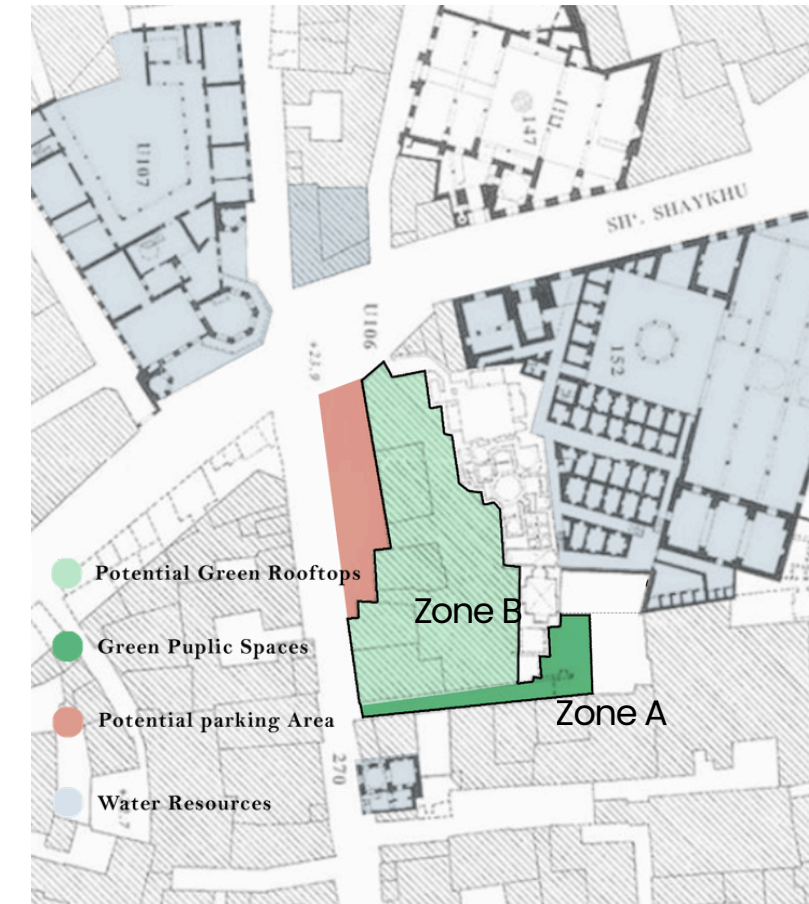
• Spieces Types



These plants work together to improve air quality and reduce odors through natural filtration and pleasant scents. The mix of aromatic and hardy species creates a resilient green buffer that adapts to low-quality, slightly saline water while enhancing comfort and visual appeal.



Master Plan



Zoning Diagram



Zone A



Zone B



Zone B



Zone B



Zone B



From Space to Create a Green walls



A Quiet Retreat



Interaction with Plants



Urban Biodiversity



Proposed Extension of the Project (30.02755N,31.25211E)

• Green Walls

- Steel-grid green walls offer a structural,
- low-cost walls farming solution that uses excess water more economically than hydroponic systems.

1.1 Structural Framework :

- Steel frame stabled on walls and ground
- Grid mesh

1.2 Planting :

- 1.2.1 Ground Base
- 1.2.2 Clay/Wooden Box Base

1.3 Irrigation :

- Drip irrigation network

1.4 Water Drainage

- Layered Substrate & Drainage Void detail

