Faculty of Engineering

Architectural Systems Engineering

Department Activity

Rasem Badran Workshop Zone3-2014
قلس بمصر
The ground floor in some buildings are removed so that the spine could be continuous. To accommodate for the people’s lost spaces, we suggest that we build alternative floors on top of the buildings with a maximum of 4 or 5 floors.
- Increasing Crafts within the area.
- Enhancing the social level.
- provide jobs .
- increasing the income of the people by :
-- Making the spine as an open gallery for visi-
tors.
- Using The Historical and Heritage Buildings
as an attraction aspect for tourists.
The number of schools in the area is sufficient when it comes to the population study, yet the problem is that the education quality needs improvement with the interference of the government. Also, it will be better the educational activities done in the Sabeels to the actual schools in the area in order to use the Sabeels to maintain the craftsman of this area’s culture by launching different workshops.
ARCHITECTURAL ANALYSIS

THIS IS AN ENHANCEMENT TO THE ROOFS TO BE USED AS GATHERING SPACES FOR HABITANTS

MINARET

THIS IS THE CURRENT ARCHITECTURE AND URBAN ELEM. OF THE AREA REPRESENTED IN MSHRABIYA, MINERATES, AND ARABESQUE WINDOWS

THE FIRST FLOOR OF THIS CORNER CAN BE REMOVED TO BE USED AS NODES OR ANY ACTIVITY
Medical Studies

Hospital Hussein
educational away 700 m

Ahmed Maher
educational Hospital
located 700 m

Since the people had no problems with the existing hospitals we just placed a clinic instead of a 1 floor deteriorated buildings, and we moved its residents to another building.

Fire Issues

Since it is almost impossible to permit fire trucks inside the region it is suggested to place fire hydrants every 400 m in the whole zone.
moving the playground from the fence area to the school court will make it usable for both the students and the youth.

keeping monuments from the deteriorated building will be giving the architectural style of the area.

planning this open space as a gathering space and a place to let people know about the culture of the area through a theater.

although the people of this area have a good social life, we are trying to enhance it by creating new gathering spaces throughout the whole area, including roofs, and nodes.

this place will be used as a place to pray and a place for gathering.

a parking in this place is very efficient as most of the streets in the area are now only pedestrian.

a node in this intersection would be helpful with the social aspect to gather the people.
STRATEGIC PLAN

Environmental
Walkable Main Spine

Educational
Governmental Schools
Sabeel Kotab

Urban
Street Network (Vehicles, Pedestrian)
Landscape
Open Spaces

Economical
Cultural and Social
Architectural

Services
Surrounding Hospitals’ 700 m margin zone (Existing)
Emergency Clinic in one of the buildings (Implemented)
Fire Hydrants every every 400 m (Implemented)

Ahmed Maher Educational Hospital Service Margin Zone
We re-designed the dead-end spaces through reviving the cultural heritage of storytelling in this part of Egypt.
PARKING TURNED INTO A RECREATIONAL AREA

open space 2

ZONE 3
COURTYARD FATMA EL-NABAWEYA

open space 1

School

ZONE 3