THE MINIMALIST CULTURAL CENTER OF ABU-SIMBLE

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Aim & Objective

Aims to raise the level of cultural and community awareness and support talents and creators through establishing and sponsoring cultural activities and programs for the development of a cultured and creative society and focusing on creating a relationship that shows the balance and harmony of the cultural center building and the external surroundings represented by the ruins on areas containing elements of the historical and archaeological heritage and main streets linking it to the city center, through a design that achieves integration between the building, spaces and external squares, and meets the requirements of attraction and attracting attention to the viewer.

Philosophy

To make an integrated form that reflects the history of the location by its architectural style and also merges the building's mass to the land's topography for environmental purpose and used simple minimalist form to make it easy to remember and be a landmark.

Concept :

Create a well treated building that achieve the human comfort for more social interaction between the multi-cultural users and also integrated with the land topography that will help in reducing thermal transfer.

Earth's thermal observation

Minimalist cubic form represent the capability of accepting multi cultures

Land's topography

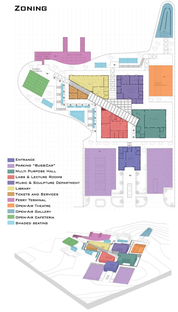
Form Development

Integrated cube with topography

Division according to main functions

Digging forms in the land in lower levels and study the environmental and visual approaches effects for more toward human comfort and user's experiende

Zoning

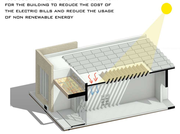


Structure System

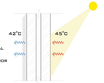
Used Thick Concrete Columns and Grid Beams that helps in create wide spaces without any conflict between the structure and the space's function.

Environmental Treatments

Use solar panels to generate electricity for the buildings to reduce the cost of the electric bills and reduce the usage of non renewable energy

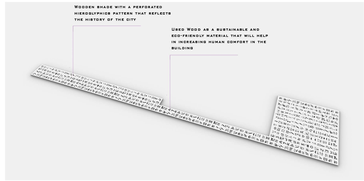


Cavity Wall Section



Improving wall section using the aerated double wall with thermal insulation layer to reduce heat transfer from outdoor and indoor

Shade Diagram



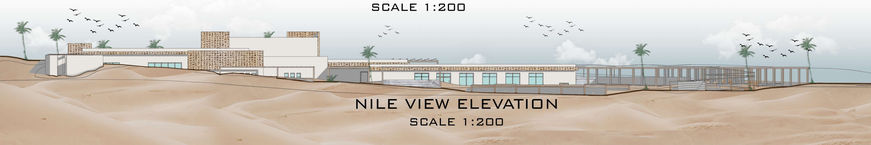
Circulation

SECTIONAL ELEVATION
SCALE 1:200

PLAN
SCALE 1:200

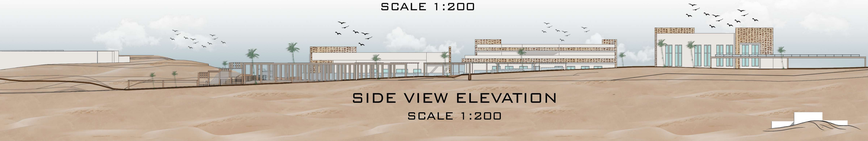
SITE PLAN
SCALE 1:400

SECTION A-A
SCALE 1:200



NILE VIEW ELEVATION
SCALE 1:200

ENTRANCE ELEVATION
SCALE 1:200



SIDE VIEW ELEVATION
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