

ARCHITECTURE

Design competition

A Comprehensive Master Plan & Architectural Design of

THE SCIENCE CITY

In the 6th-of-October-City, Giza, Egypt



Arch. MOATH SAMARAH

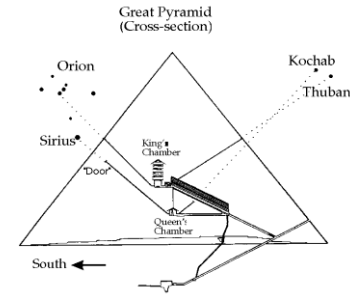




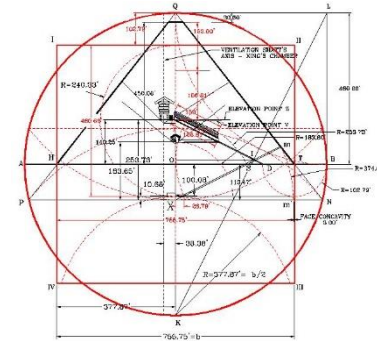
SEARCH PHASE

Looking for starting point

- Geography



- Nature



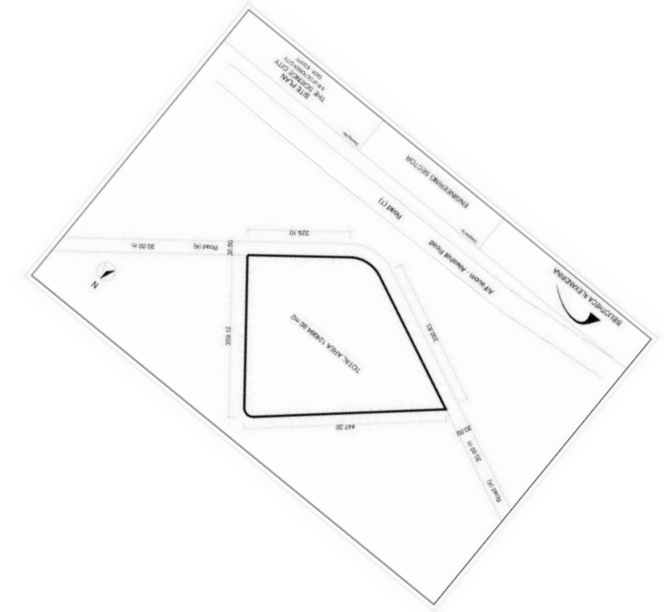
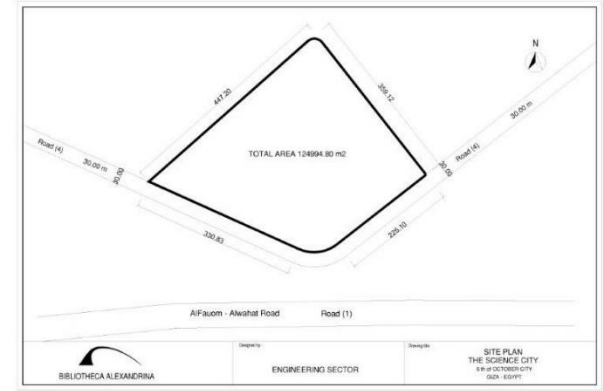
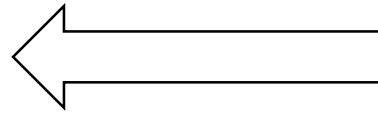
- Geometric



- History

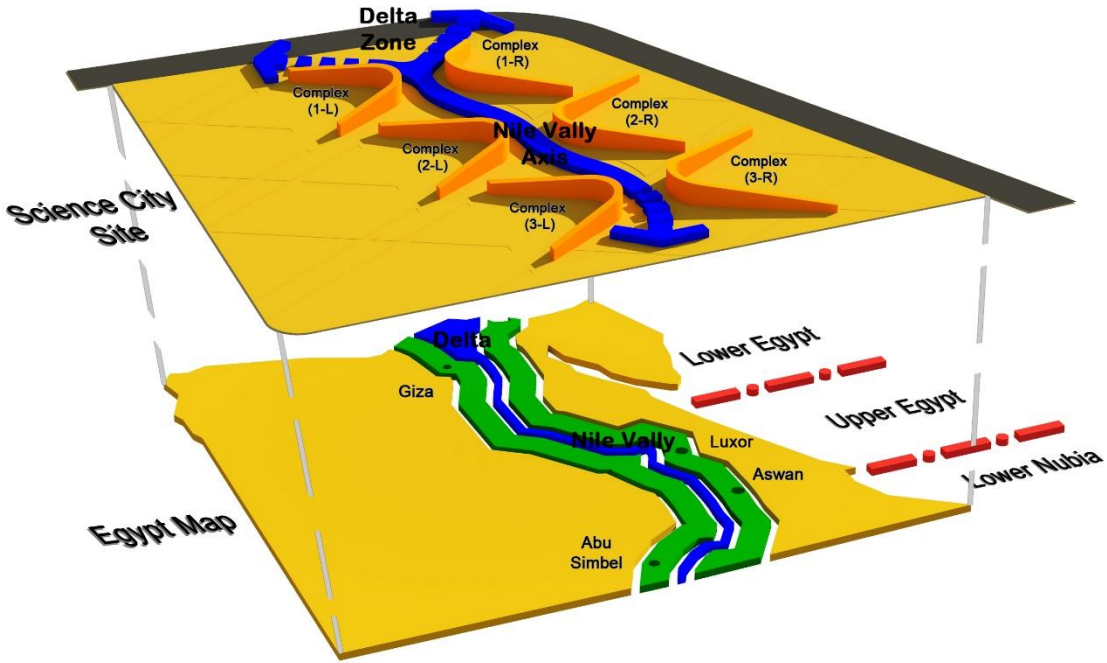
TELL THE STORY

Story of Egypt as; Geography, History, Nature, ...



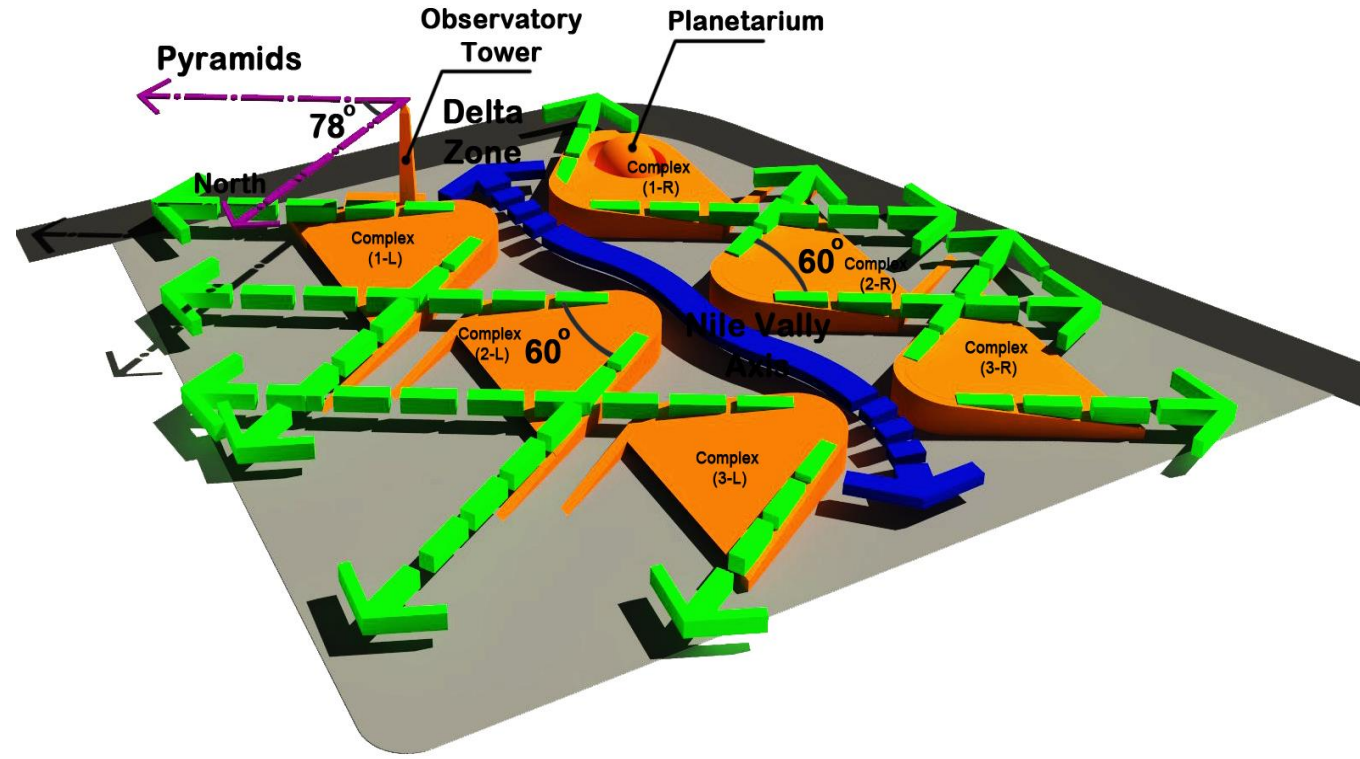
PLANNING CONCEPT

Master Plan and Land Use



DESIGN CONCEPT

Form and Geometric
Function Locations & Layout Concept

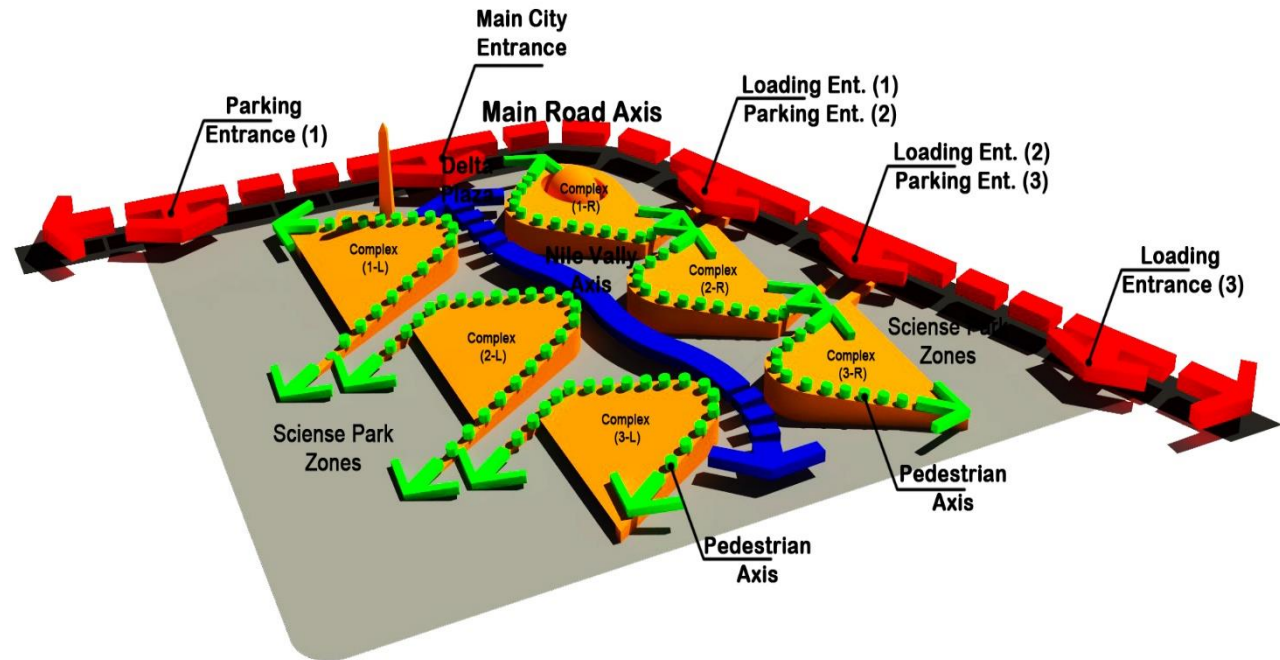


CIRCULATION DESIGN

The outside circulation around the city:

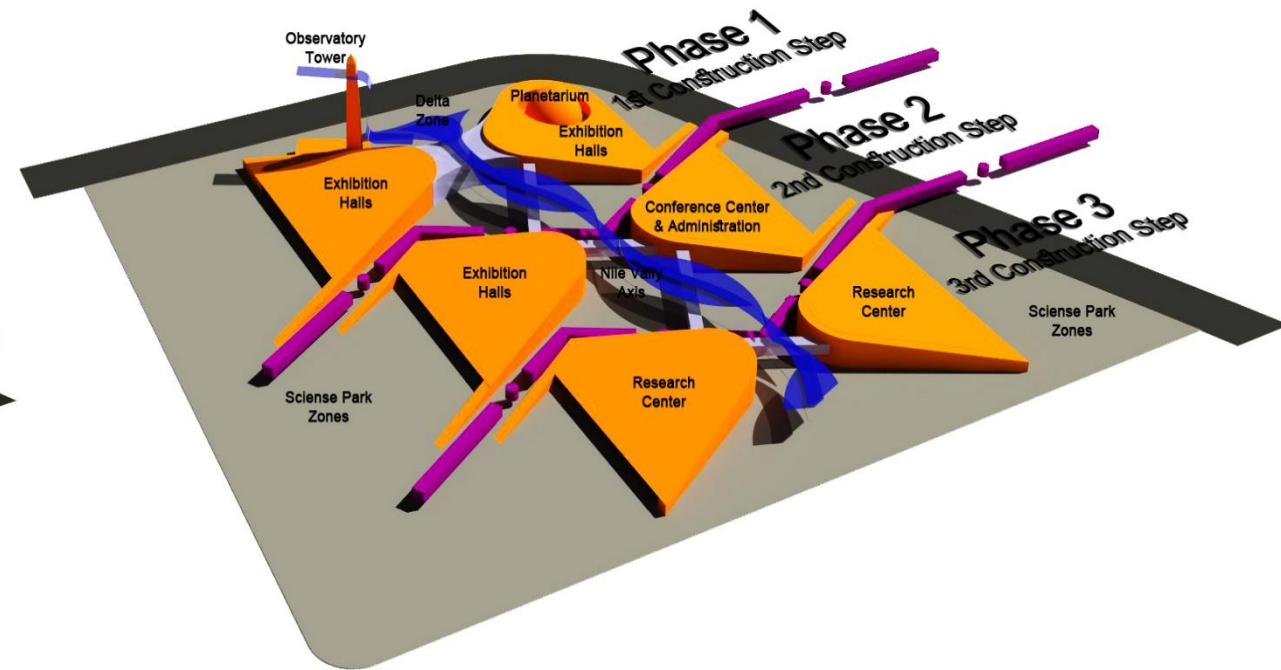
- Pedestrian circulation
- Private and public vehicles circulation
- Loading and delivery circulation

The Internal circulation



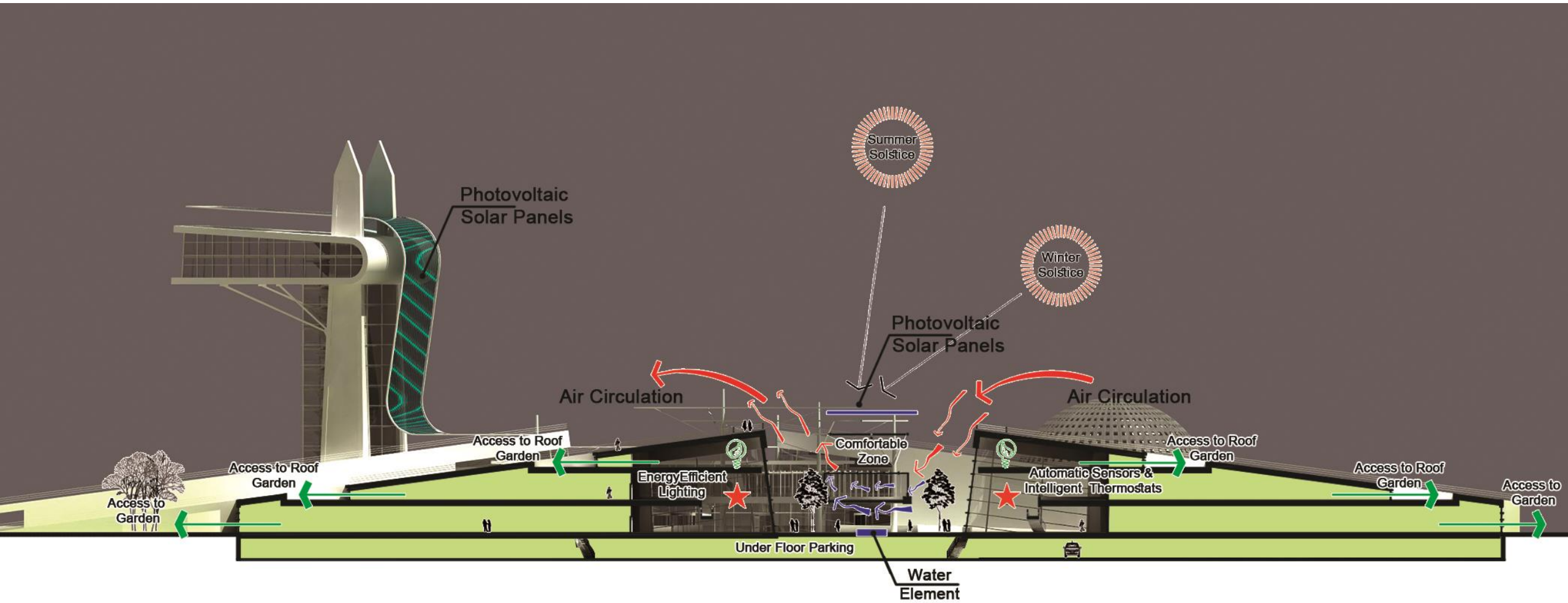
PHASED DEVELOPMENT PLAN

The formation is made in three parts abstracted from the geographic and administrative partitions of the old/ancient Egypt.



ENVIRONMENTAL ASPECTS

- Exploitation of renewable energy
- External facades treatments
- Use rooftop as Roof Gardens

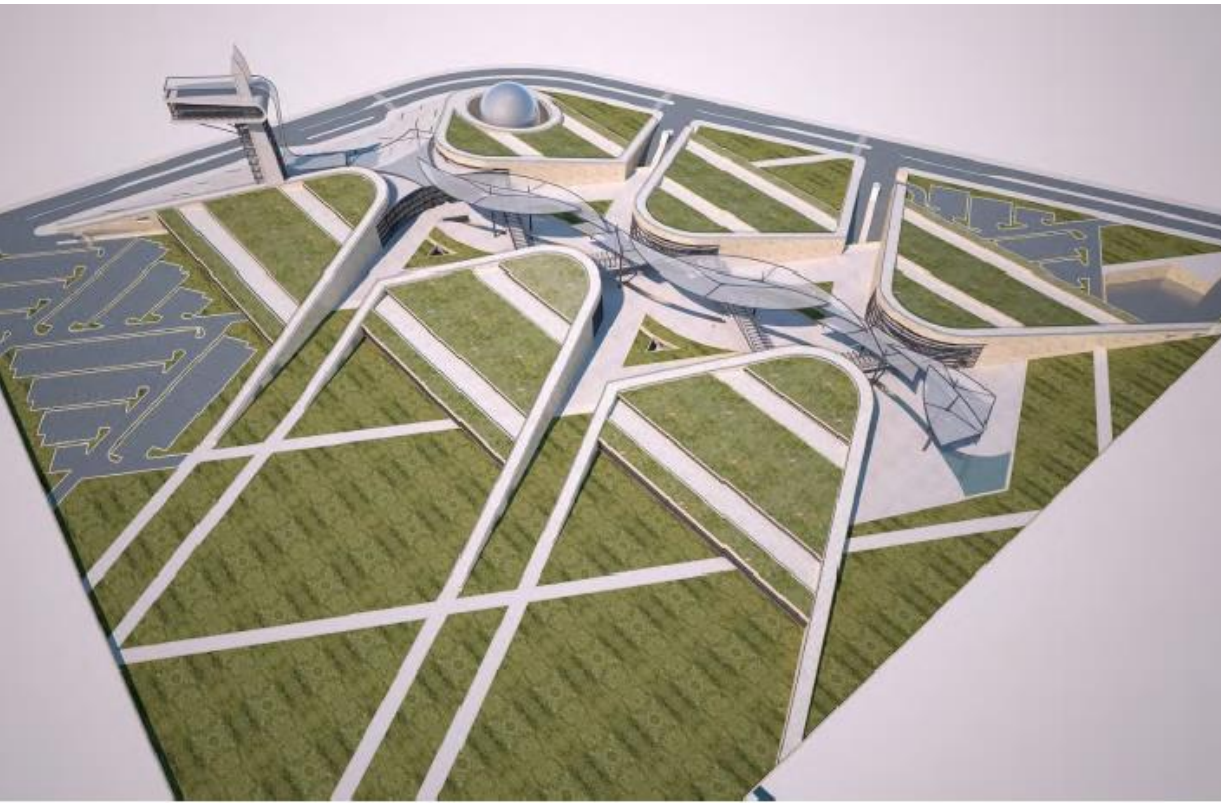


LANDSCAPE DESIGN CONCEPT

Harmony and overlapping between architecture and the site

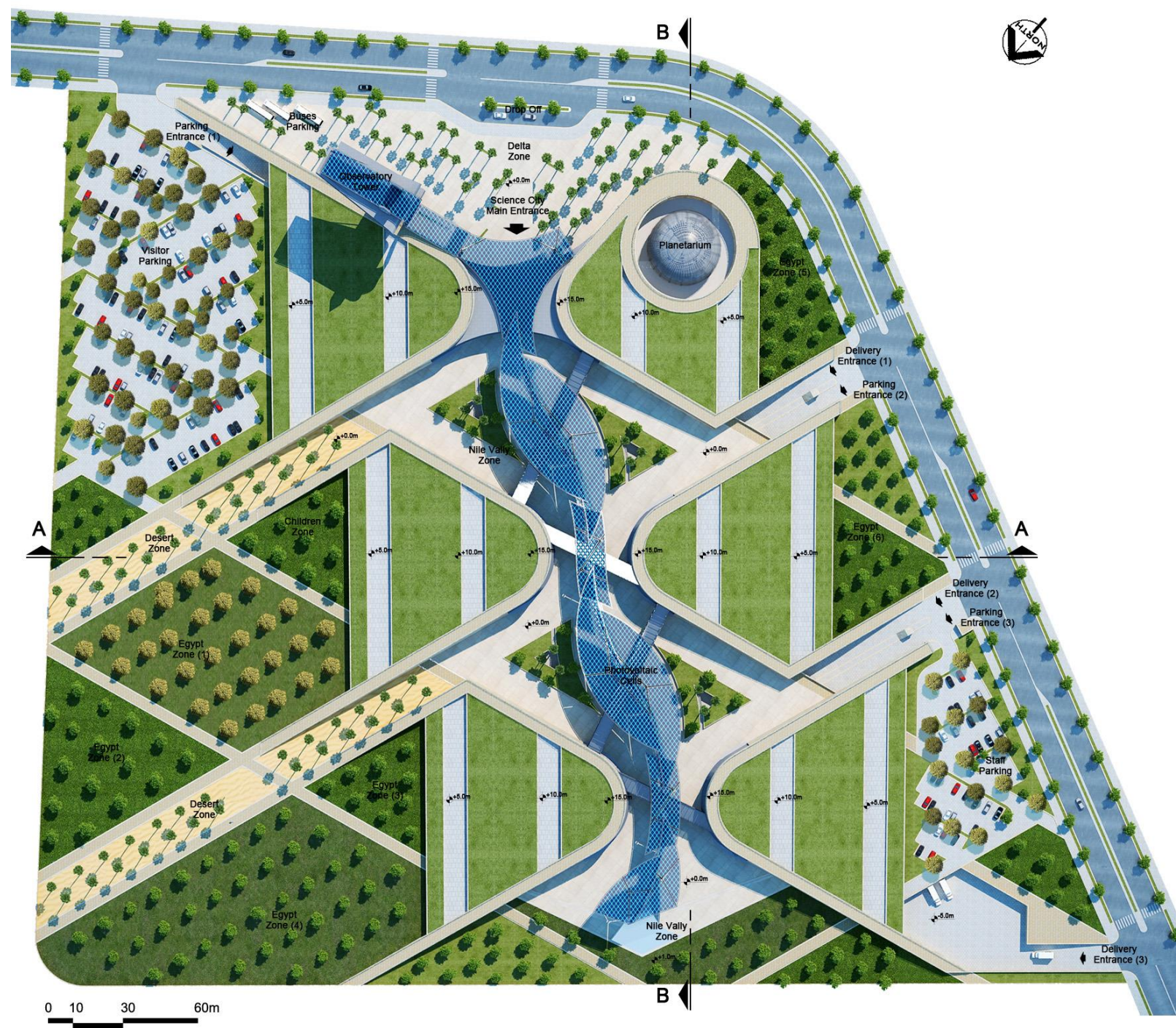
A shaded water path

The extension of the green squares and places from the Science Park to the rooftops



MASTER PLAN AND DESIGN

The maser plan





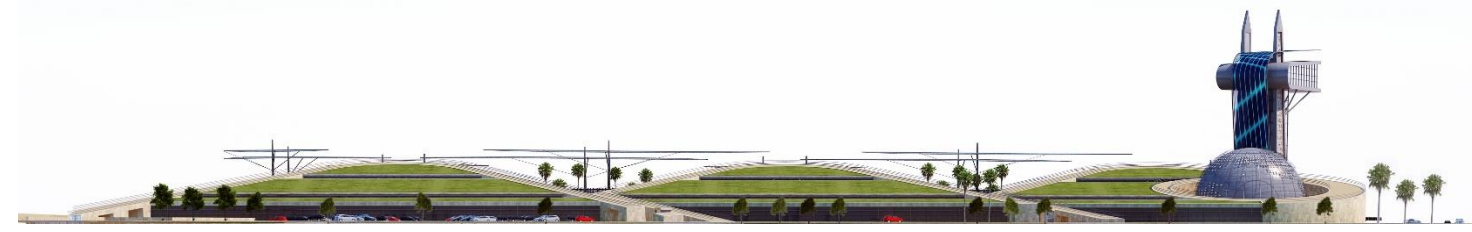
ELEVATIONS AND SECTIONS



SECTIONS

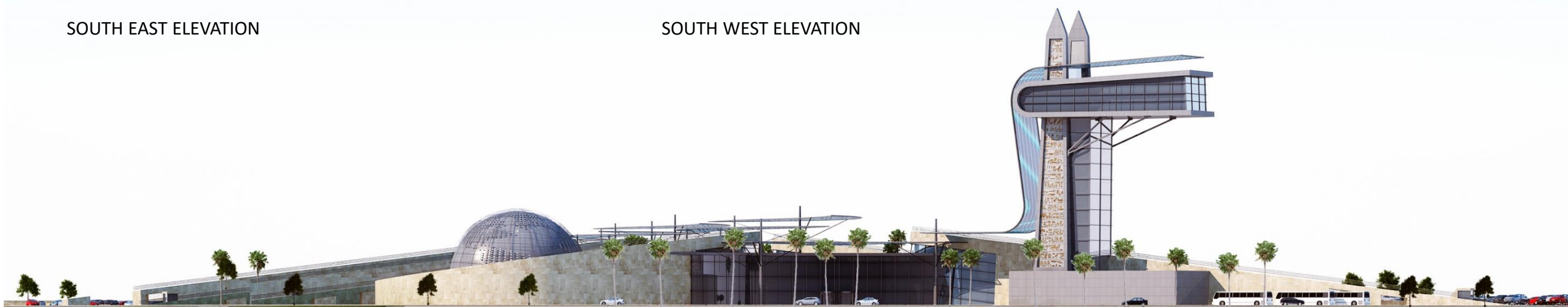


NORTH WEST ELEVATION



SOUTH EAST ELEVATION

SOUTH WEST ELEVATION









A Comprehensive Master Plan & Architectural Design of

THE SCIENCE CITY

In the 6th of October City, Giza, Egypt

FINAL LAYOUT



Concept & Land Use
- Concept of Planning & Master Plan
- Design Concept

