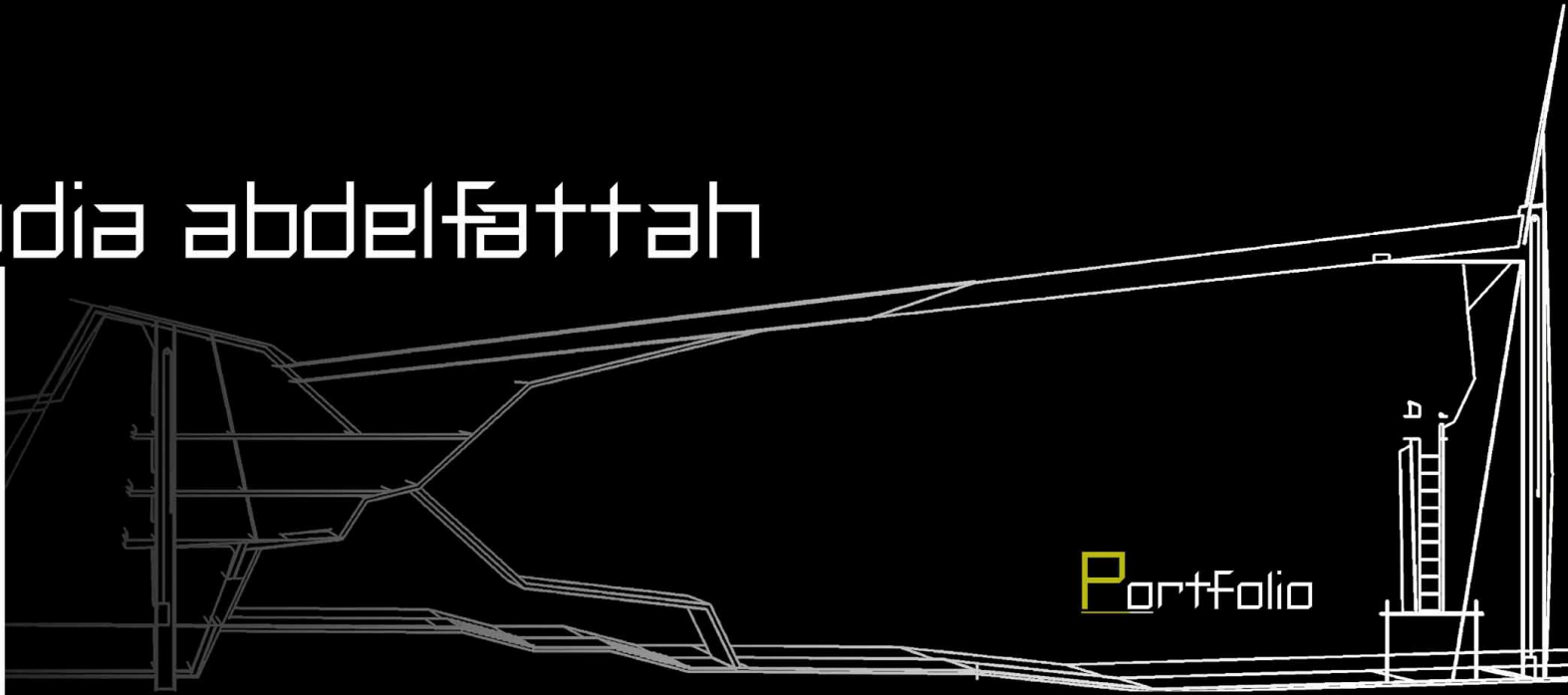




adia abdefattah

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C  
T

Portfolio





C U R R I C U L U M  
V I T A E

P E R S O N A L P R O F I L E

Name : Fadia Abdelfattah  
Profession : Architectural Engineer  
Date of Birth : March 18th 1984  
Nationality : Jordanian  
Social Status : Married  
Languages : Arabic, mother ,English  
Address : Dubai - U.A.E  
Mobile : 00971-55-892-6-084

[fadiakhateeb@yahoo.com](mailto:fadiakhateeb@yahoo.com)

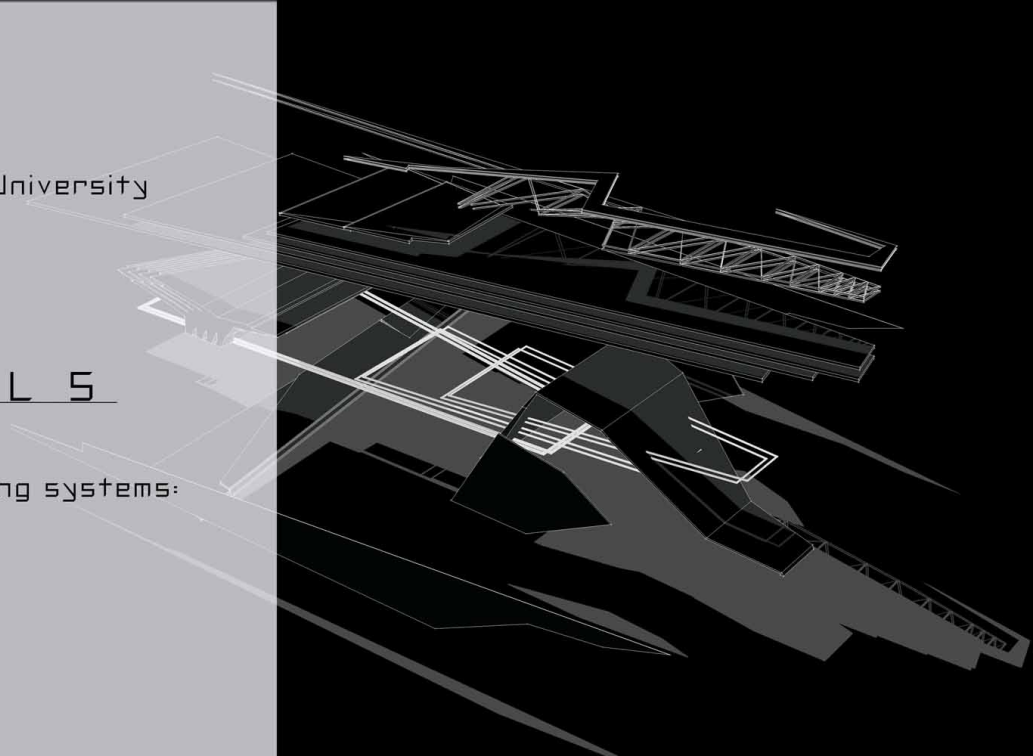
## E D U C A T I O N

- B.Sc. in Architectural Engineering “Jordan University of Science & Technology
- The first rank in graduation project
- Degree : Good

## C O M P U T E R S K I L L S

Professional in the foll. softwares and operating systems:

- AutoCAD
- 3D Max
- Photoshop
- Microsoft Office
- Sketch-up

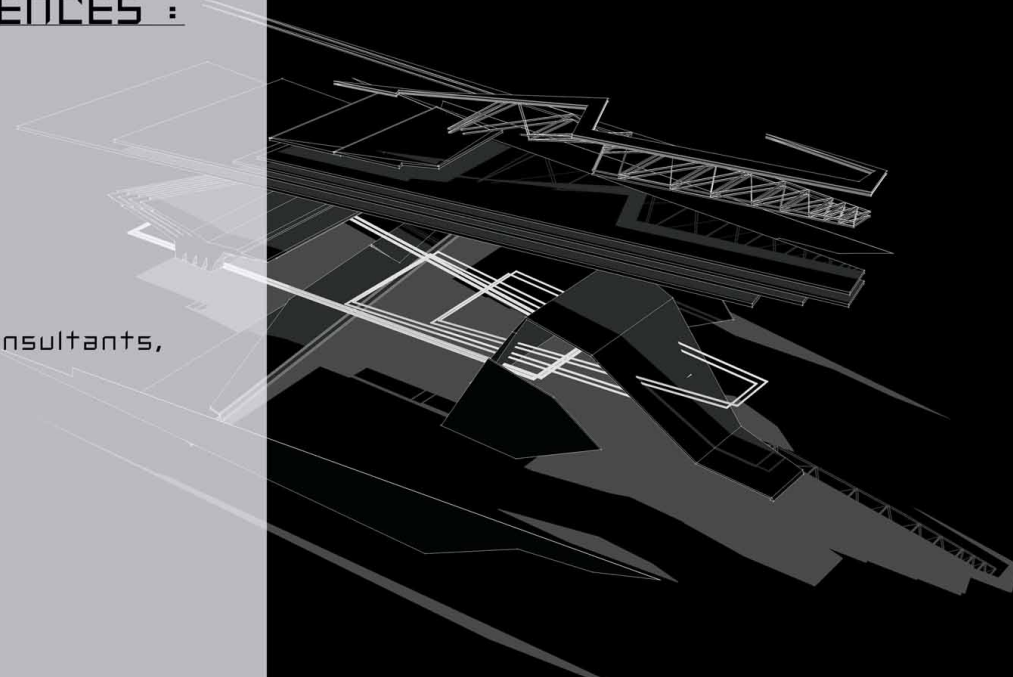


## PROFESSIONAL EXPERIENCES :

August, 2008 :ATELIER WHITE,  
Interior & Architecture,  
Dubai-UAE  
\* Architect

October,2007 :DAR-ALOMRAN ,  
Architectural & Engineering Consultants,  
Amman-Jordan  
\* Architect

June, 2007 :SM Dudin ,  
Architects & Engineering,  
Amman, Jordan.  
\* Architect





UNIVERSITY PROJECTS

GRADUATION PROJECT

books  
library



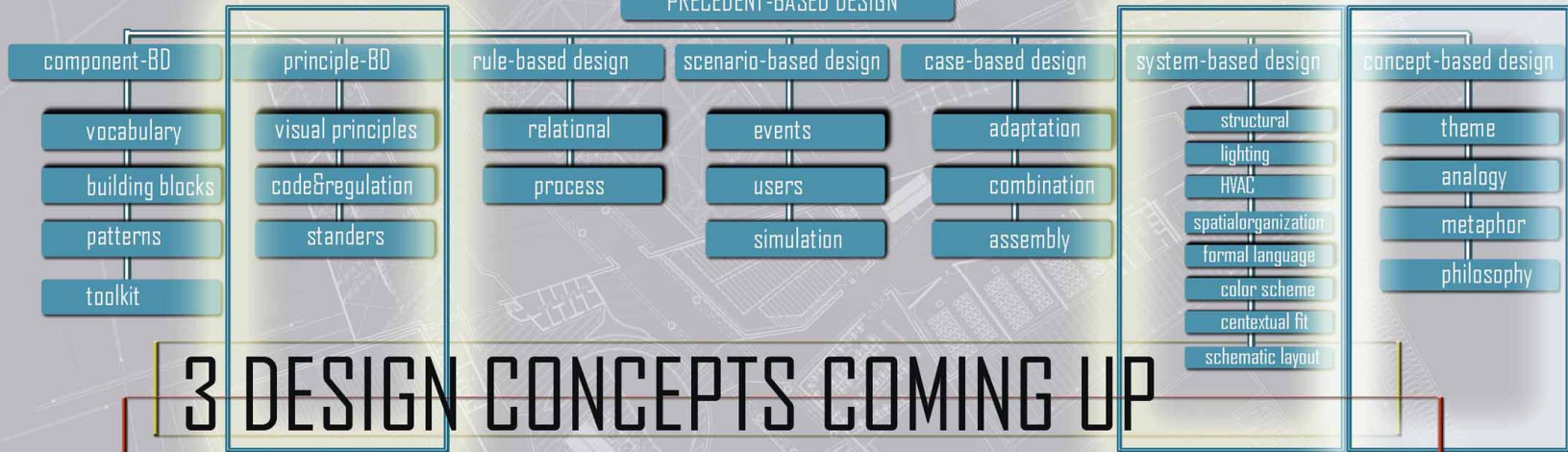
1. U.S.T. AERONAUTICS

ACADEMY

SITE : JORDAN UNIVERSITY  
OF SCIENCE & TECHNOLOGY

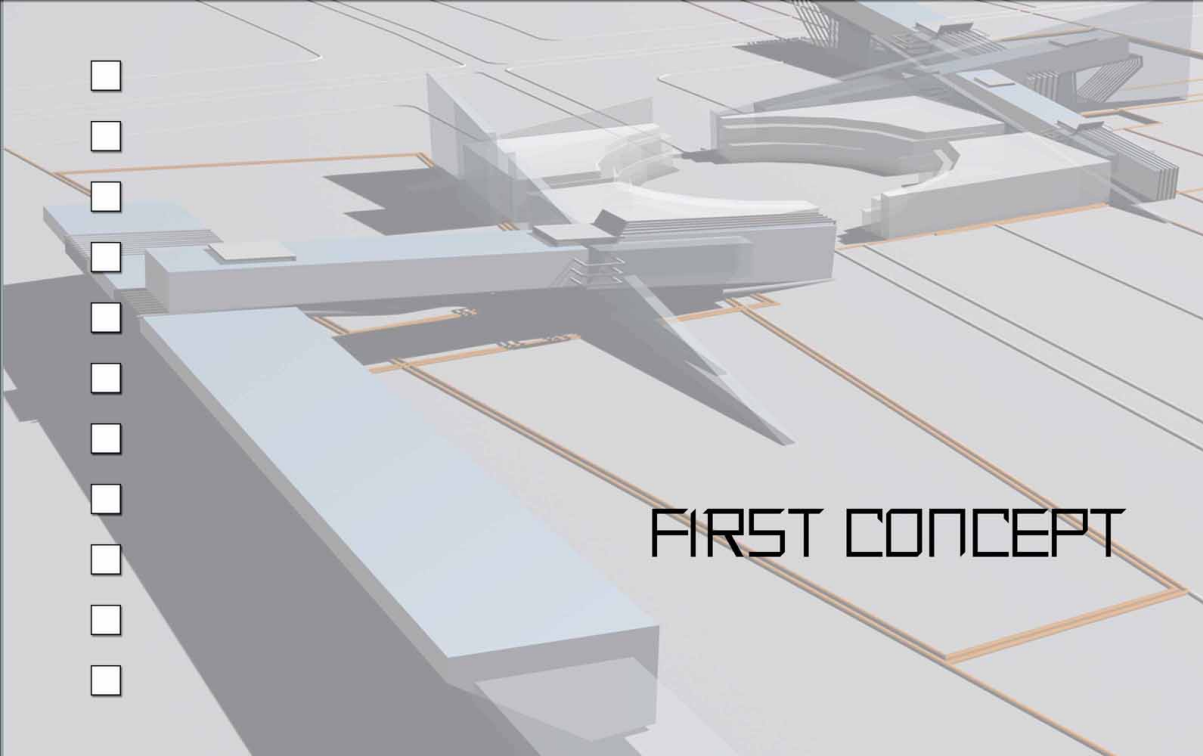


## PRECEDENT-BASED DESIGN



# 3 DESIGN CONCEPTS COMING UP

FROM THE FLOW CHART ABOVE WE SHOULD LOOK AT THE DESIGN AS THREE LAYERS AT LEAST- THE FIST LAYER SHOULD DEAL WITH THE CONTEXT AND THE EXISTING FUNCTIONS SO WE CAN PUT THE CORRECT ZONING-THE SECONDD ONE IS THE PHILOSOPHY WHICH GIVE THE FORM FOR THE PROJECT-AND THE LAST ONE IS THE SYSTEM-BASED DESIGN WHICH SOLVE EVERYTHING IN THE PROJECT



## FIRST CONCEPT

### BUILT ENVIRONMENT

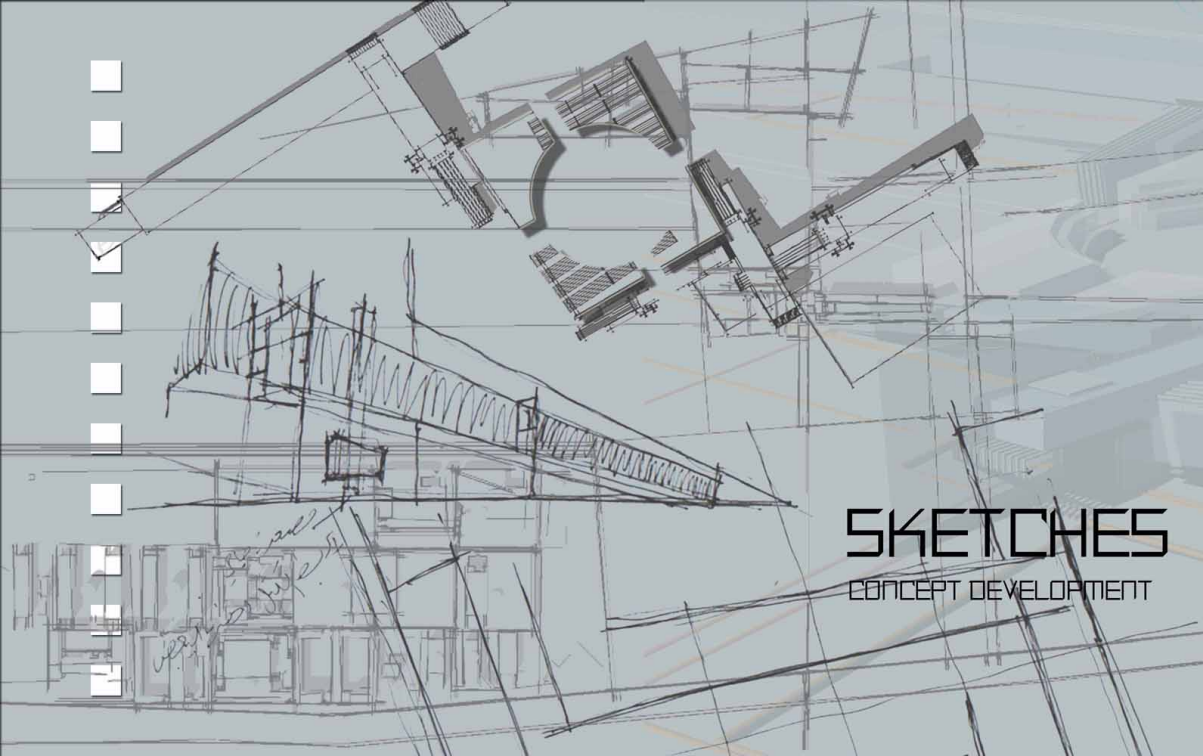
#### ( URBAN MORPHOLOGY )

by more than 30 km to the south lies OF THE JORDAN UNIVERSITY OF SCIENCE & TECHNOLOGY the historical city of Jerash. the main concept of the university is been taken of the

CENTRAL PART OF THE ANCIENT CITY OF JERASH .

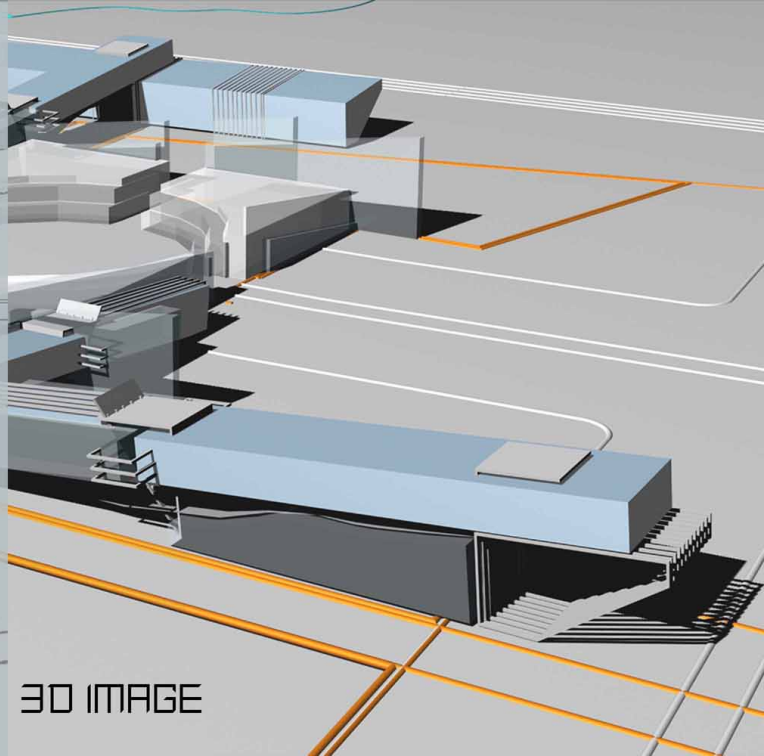
with its two main spines the university plan resemble the two roman axes of Jerash intersecting at a forum which was developed in the university to be MAIN CENTER INCLUDING MAJOR FACILITIES

so i think to deal with the urban morphology but with different architectural order to use ,i wana developpe this concept in modern way to be an international project not just local building in the country, so i decided to create central space contain main facilities which is maintenance hangers with an urban space ( open space )



# SKETCHES

CONCEPT DEVELOPMENT



3D IMAGE

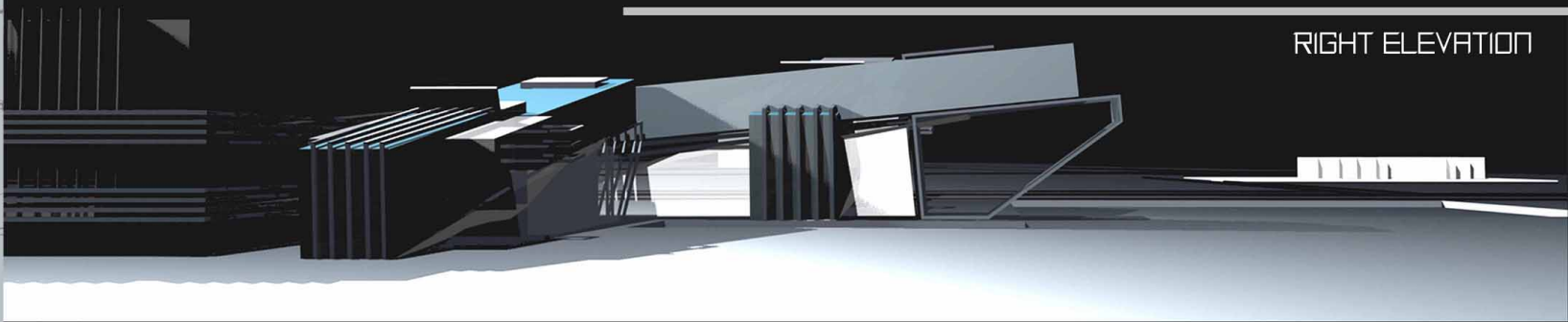
# 3 D IMAGES



LEFT ELEVATION



RIGHT ELEVATION

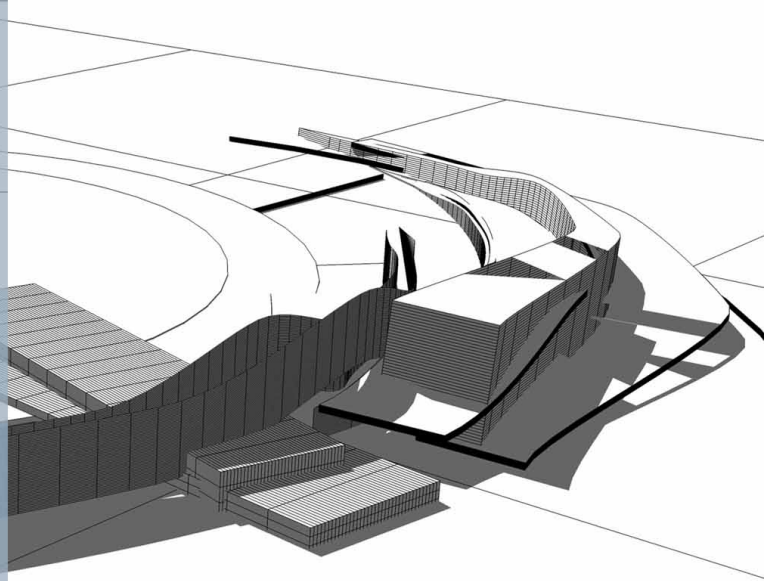
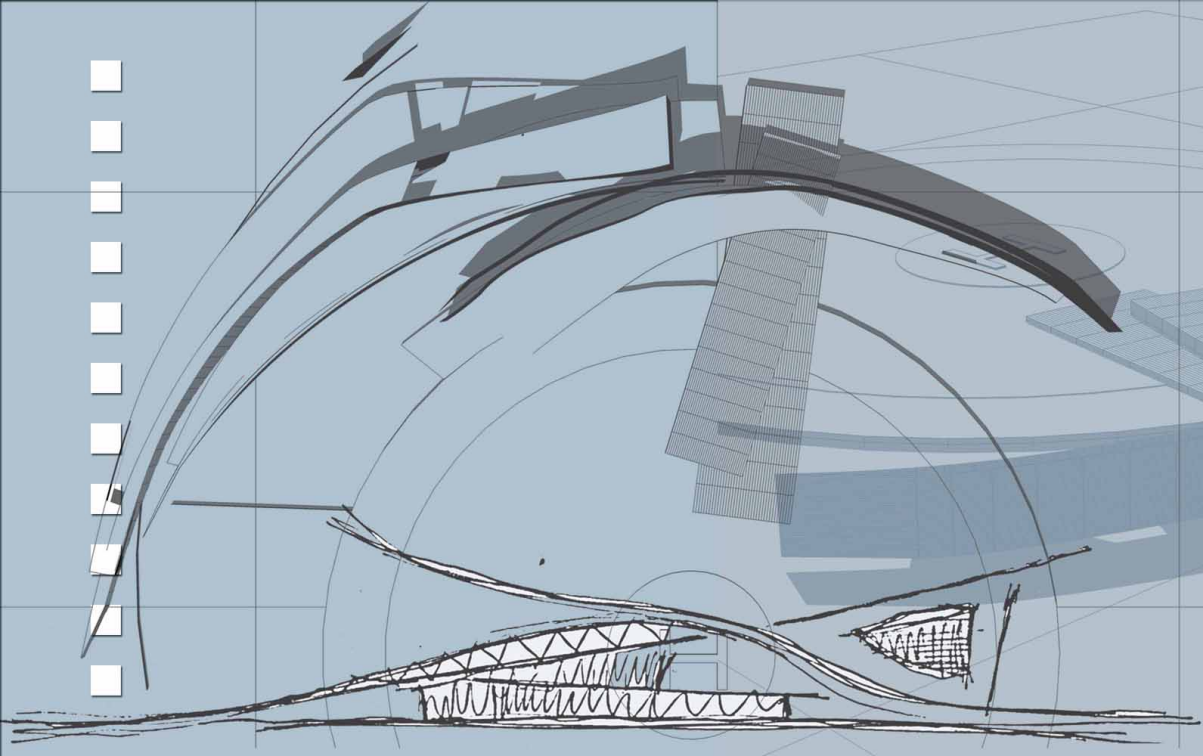


## SECOND CONCEPT

### SMOOTHNESS & ENVIRONMENTAL SYSTEMS

SYSTEM BASED DESIGN IS BASED ON FORMULATING SYSTEMS IN EACH OF WHICH A CLASS OF SIMILAR FUNCTIONAL ELEMENTS IS GROUPED .POSSIBLE SYSTEMS ARE THE SCHEMATIC LAYOUT , THE FORMAL OR GEOMETRIC LANGUAGE OF A DESIGN, THE COLOR SCHEME THE CONTEXTAL FIT SOLUTION, THE SPATIAL ORGANIZATION SYSTEM , THE ACCESSIBILITY AND CIRCULATION SYSTEM ,THE HVAC , THE NATURAL AND ARTIFICIAL LIGHTING SYSTEMS, THE CONSTRUCTION AND STRUCTURAL SYSTEMS AND THE INTERIOR TREATMENT SYSTEM.

NEWTON developed laws that defined THE EFFECTS OF FORCES ACTING ON OBJECTS in motion or at rest. He also developed THE CONCEPT OF VISCOSITY, or fluid friction, which is the resistance of air or any other fluid to flow,if air is flowing faster over the top of a surface than under a surface, the pressure on the top of the surface will be less than that underneath. Understanding of these concepts was necessary to the development of flight .



IMAGES

# THIRD CONCEPT

## CONCEPT & PHILOSOPHY

SPACE IN MOTION\_ FROZEN MOTION\_ SHADOW OF AIRPLANE

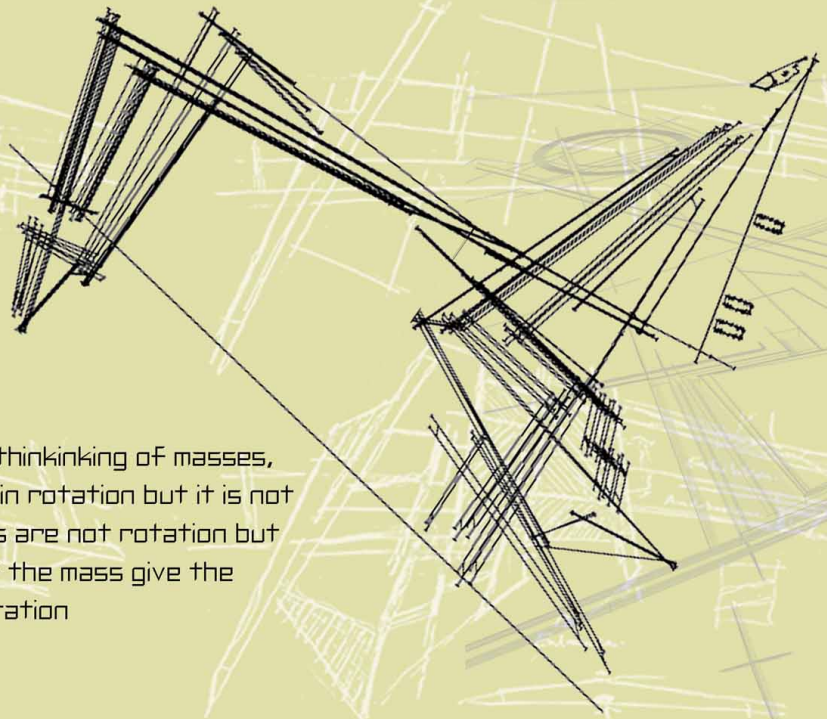
This diagram starts with the plane at rest, indicated by  $V=0$ . The first critical speed encountered during the takeoff run is the stall speed,  $V_s$ . The stall speed is an important quantity throughout aerodynamics as it dictates the slowest speed at which an aircraft can travel and generate just enough lift to remain or become airborne. This velocity is heavily dependent upon the configuration of the plane, primarily the state of flaps, slats and other lift-control devices.

THE OBJECTS AROUND US ALL CAUSED MOTION WHEN IT IS MOVE, BUT THE BUILDING IS FROZEN NEVER WILL BE IN MOTION LIKE ANY OBJECT AROUND..SO : I WANT CREATE SPACES , THE SPACE IS FROZEN BUT MAKES MOTION...

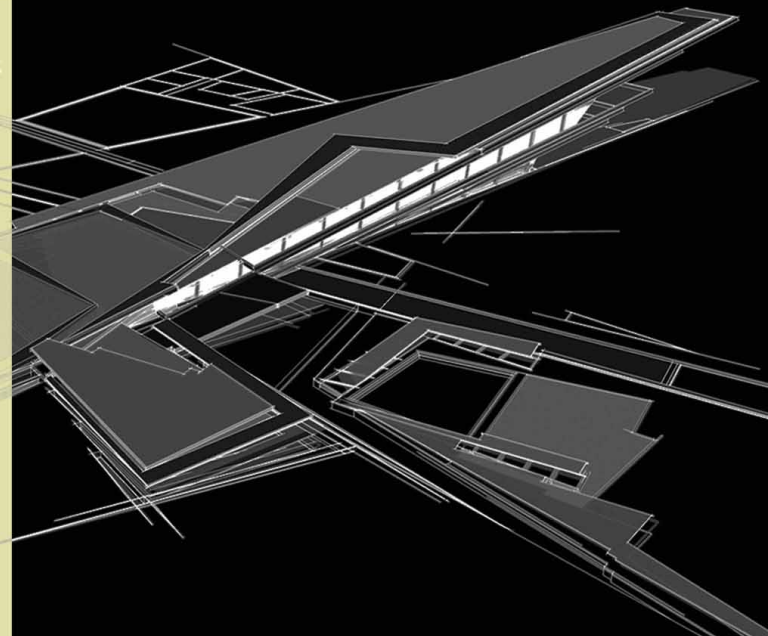
Two basic conceptions of space : one according to which space is the perceived relation between objects, and a second for which space would be basically the container of things.

The first conception of space is related to orientation and measuring, fundamentals of the science of geometry.. In early philosophical thought, space and matter were sometimes indistinguishable. Thus, the Pythagoreans seem to have identified air with the void, i.e. space. Later philosophers began to distinguish between place and matter.

Euron Co



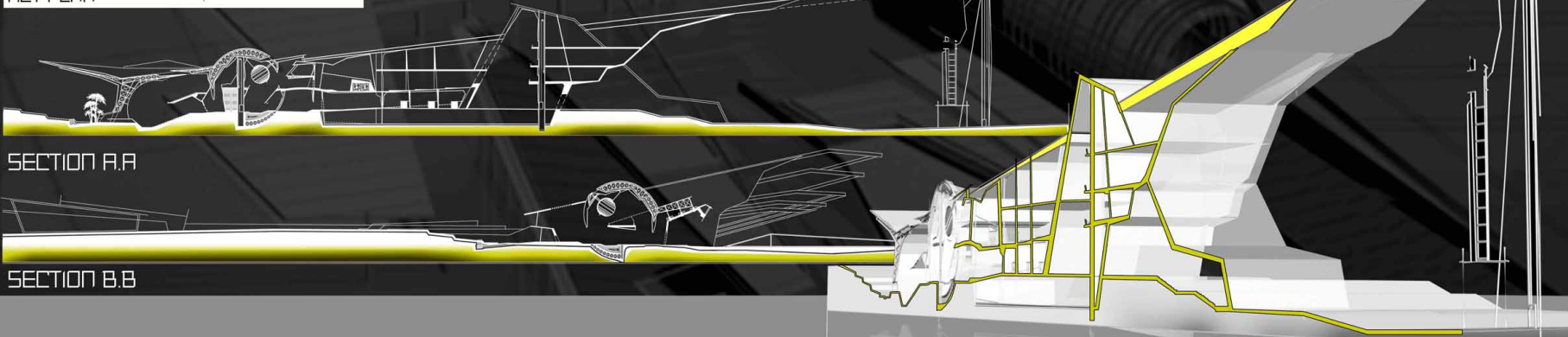
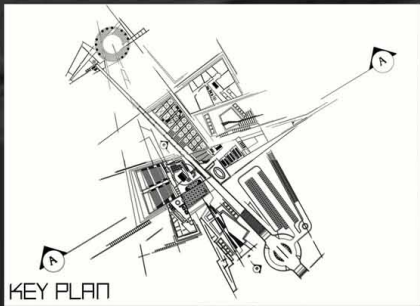
Imagination thinking of masses,  
the masses in rotation but it is not  
...the masses are not rotation but  
the form of the mass give the  
image of rotation



master plan show strong connections between the existing land-use and the new Project on site ...connection between main mass of the academy and the students dormitory with the sport center ... strong connection between the main street and the airport facilities

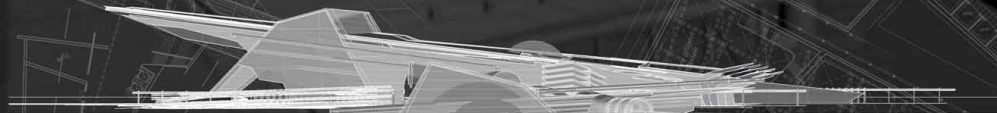


GROUND FLOOR PLAN

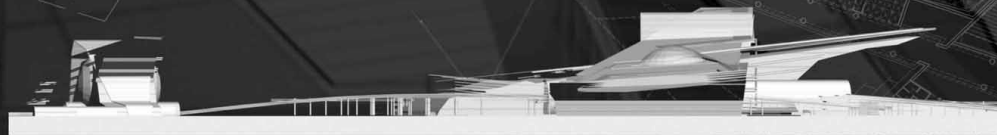




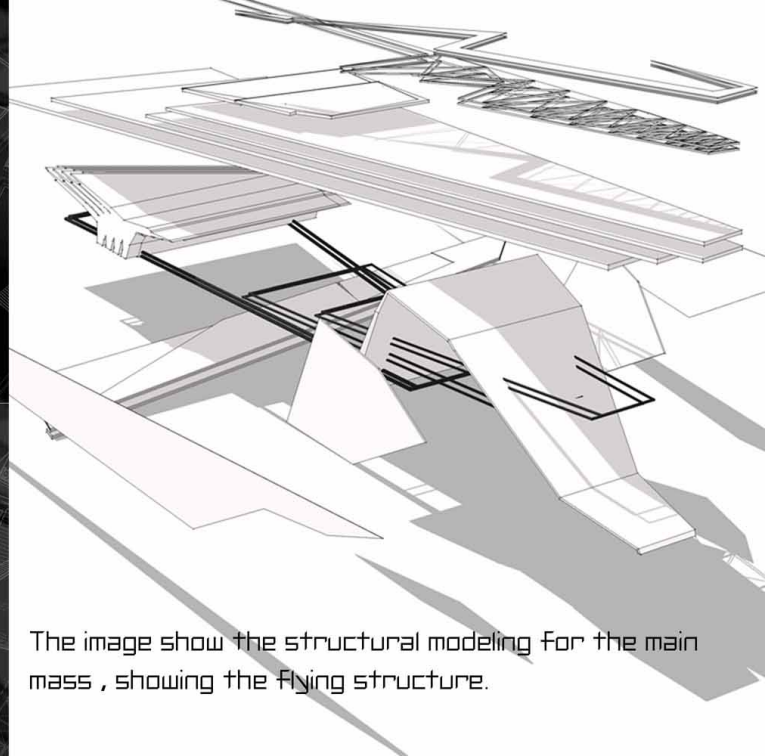
FRONT ELEVATION



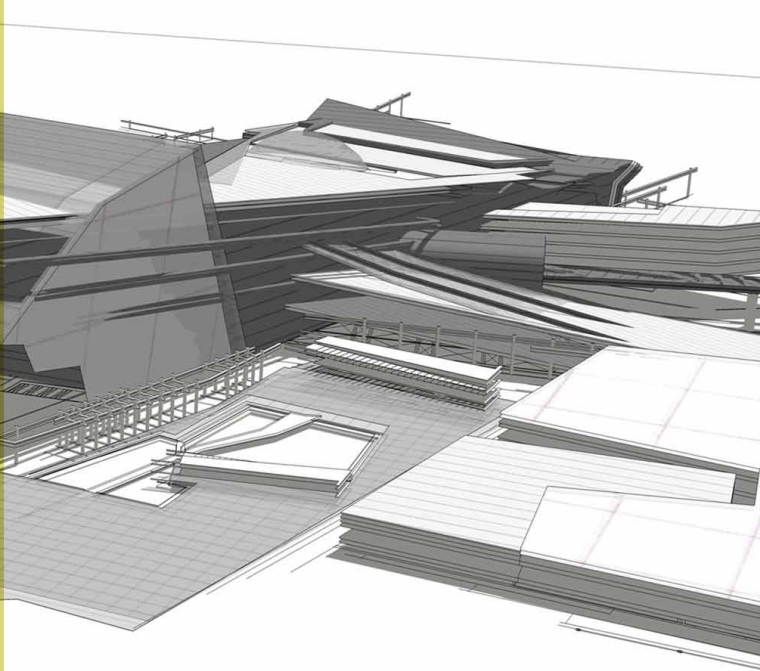
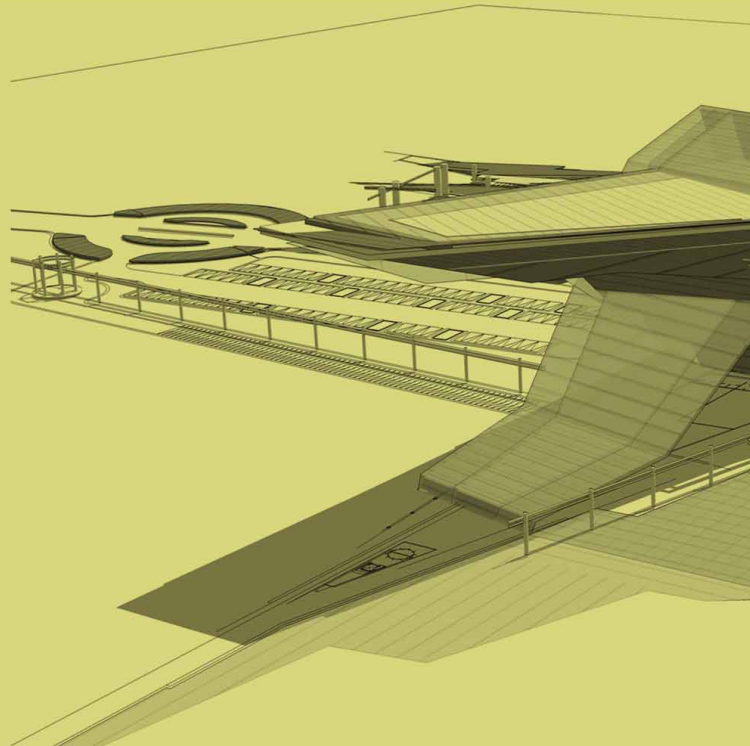
BACK ELEVATION

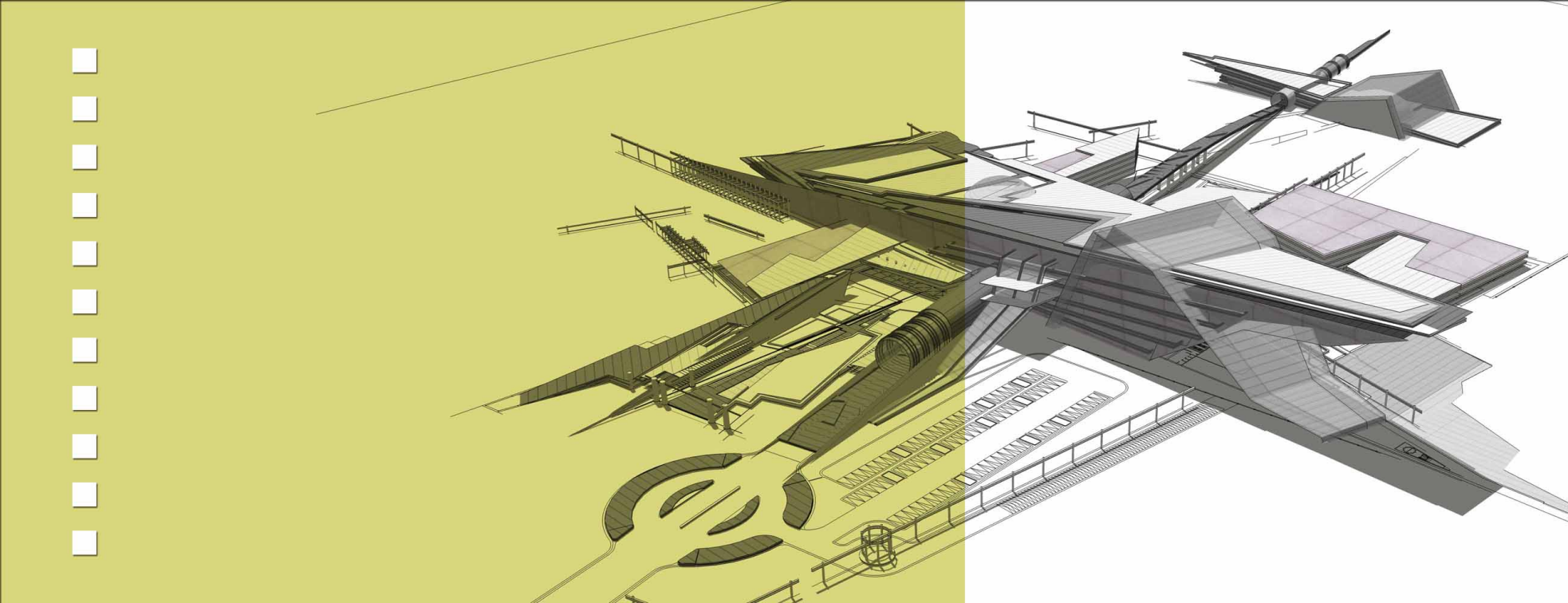



SIDE ELEVATION



The image show the structural modeling for the main mass , showing the flying structure.





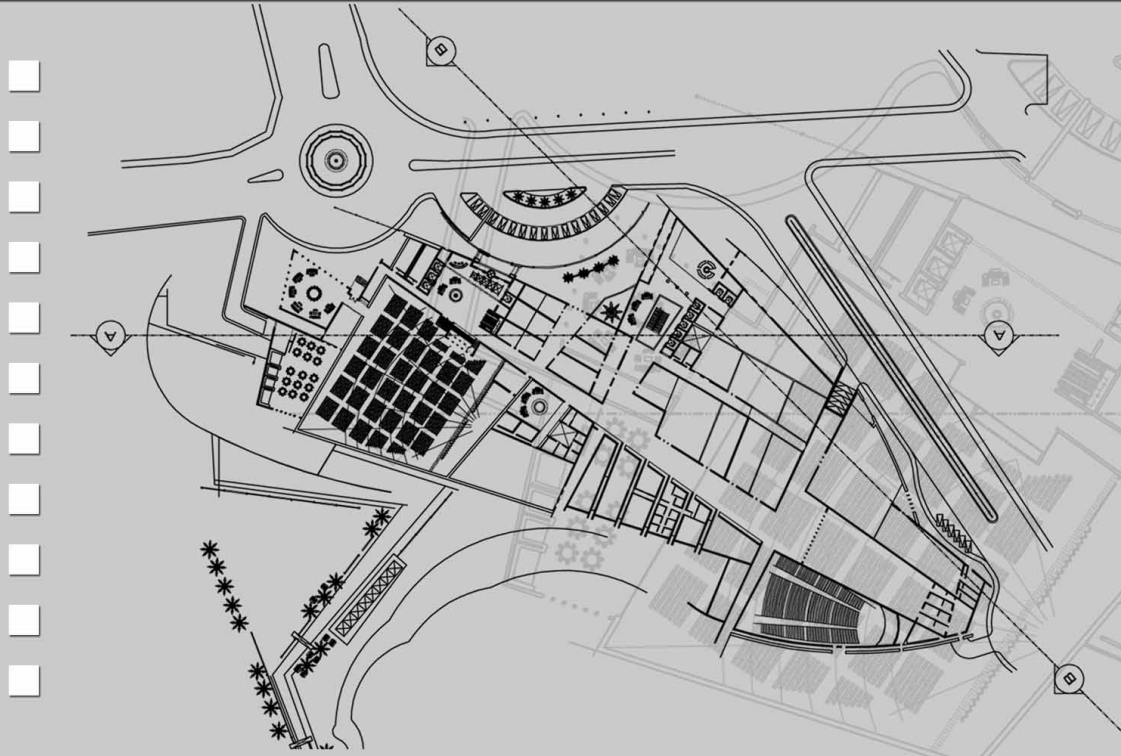


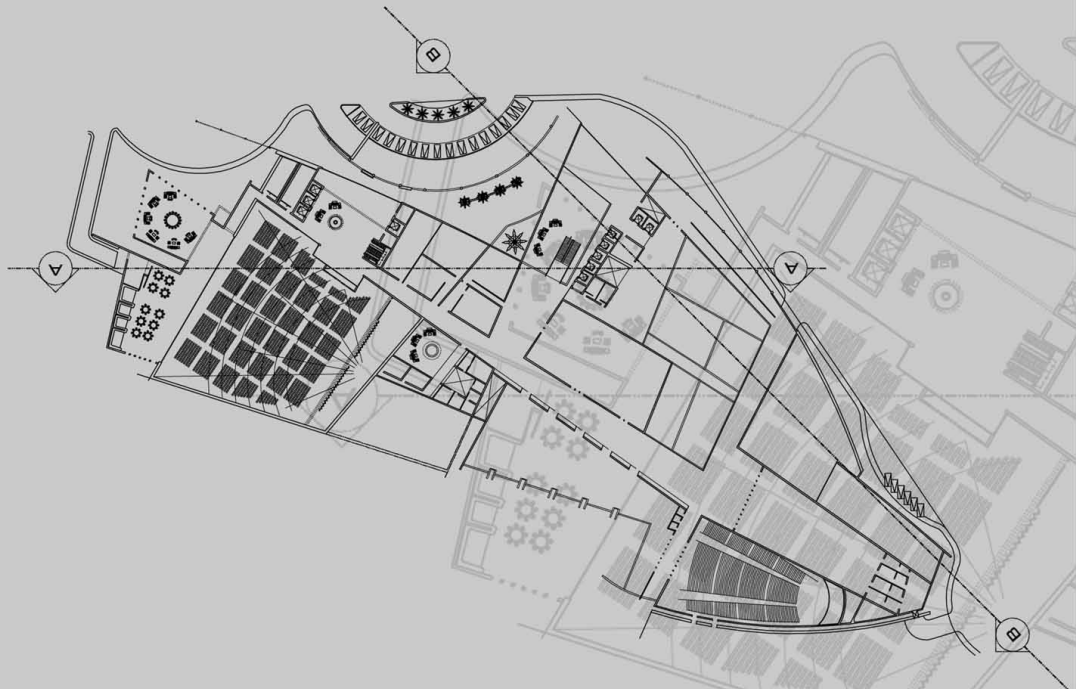
A



AQABA INTERNATIONAL CONVENTION  
CENTER

SITE : JORDAN , AQABA

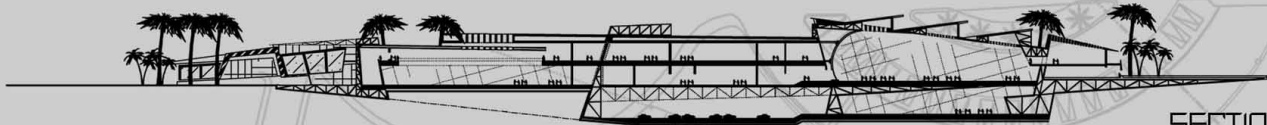




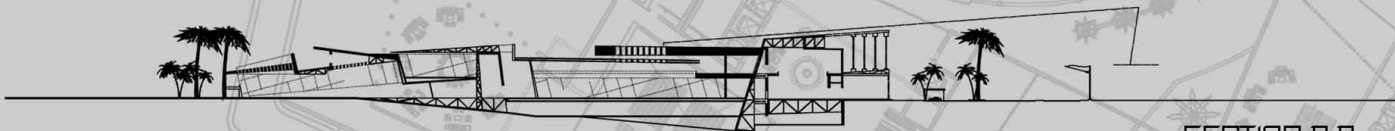
FIRST FLOOR PLAN



SITE PLAN



SECTION A.A



SECTION B.B




FRONT ELEVATION



BACK ELEVATION



# EXPERIENCES

- 
- DAR AL - OMIRAN , DETAINEE BUILDING
  - SAKHER DUDIN , BRITISH UNIVERSITY

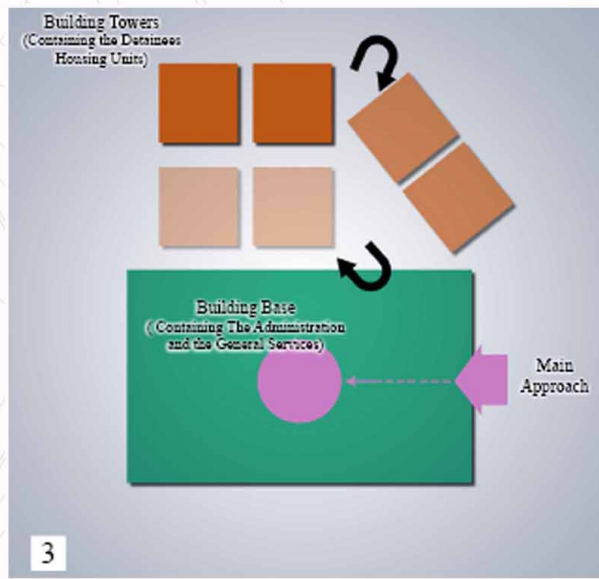
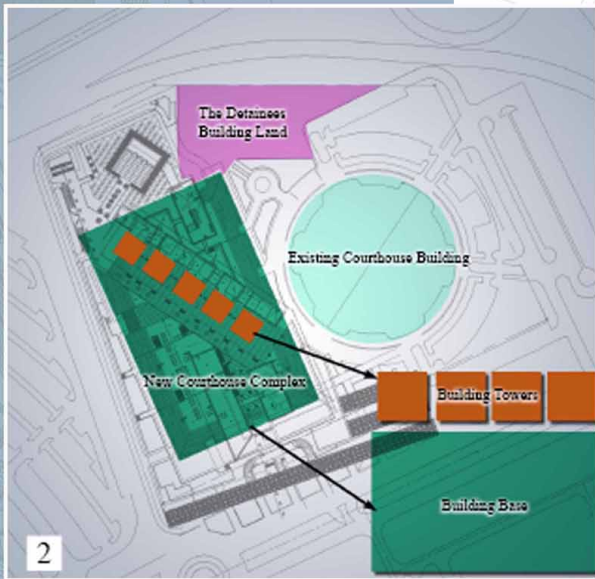
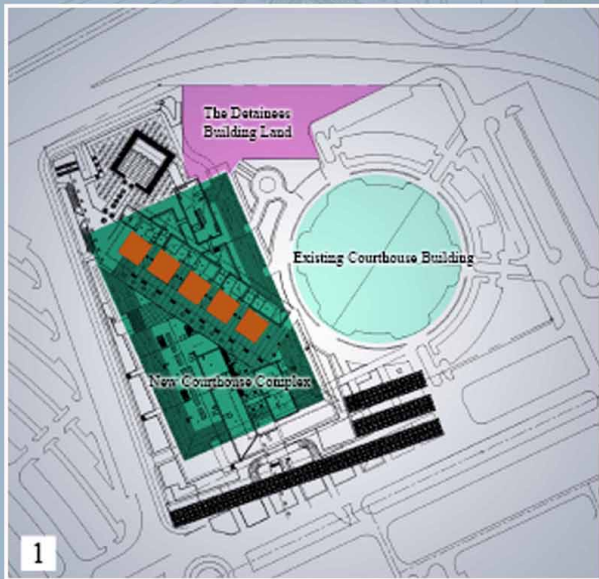
# Abu Dhabi Detainees Building

DONE BY : DAR AL-OMRAN

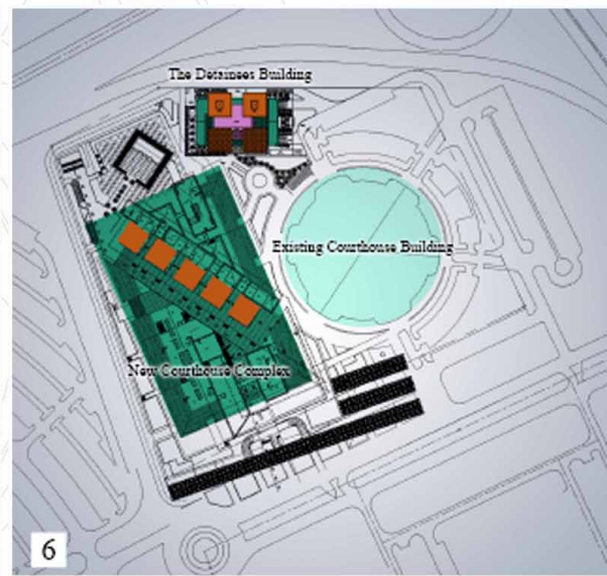
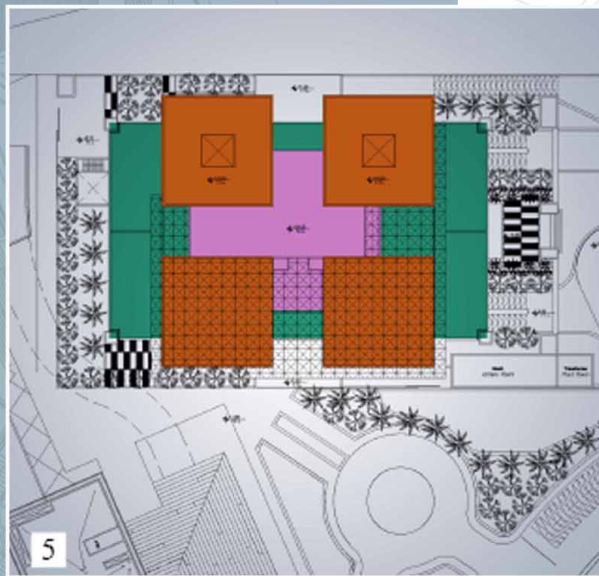
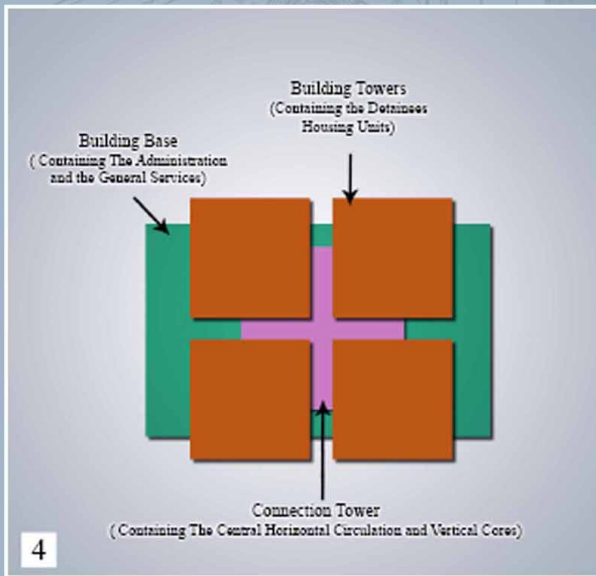
Project description :

- site : south east of the existing abu dhabi courthouse .
- area : 14,047 m<sup>2</sup>.
- consists of : podium of tow floors and four towers .





CONCEPT DESIGN



CONCEPT DESIGN

LOCAL GOVERNMENT



Detainees Building  
Location

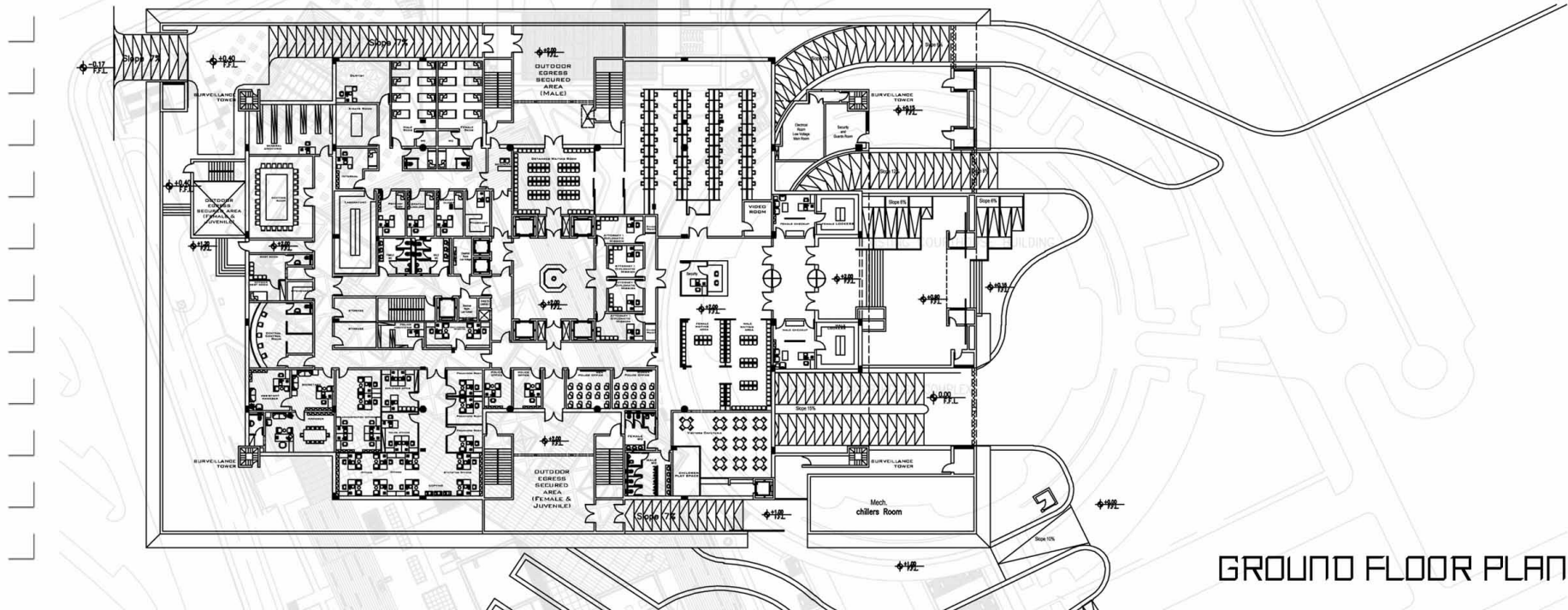
Proposed New  
Courthouse Complex

Existing Courthouse  
Building

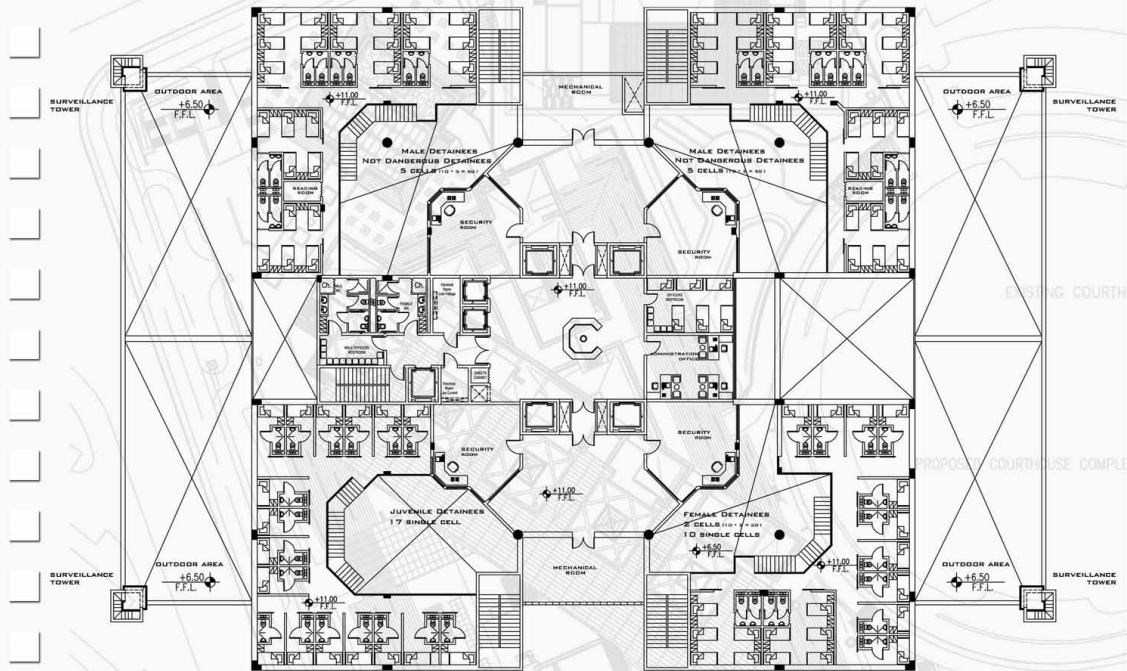
# PROJECT



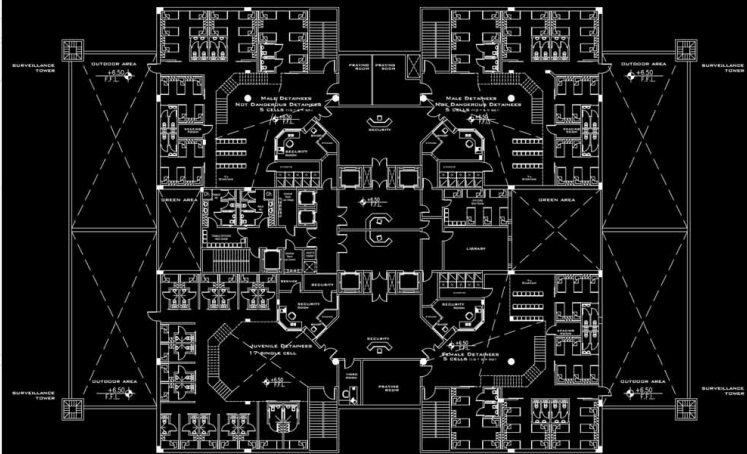




GROUND FLOOR PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN



N  
O  
R  
T  
H  
W  
E  
S  
T



North West (Front) Elevation

N  
O  
R  
T  
H  
E  
A  
S  
T



North East Elevation



SECTION A-A

SECTION A.A



SECTION B-B

SECTION B.B



South West Elevation



South East Elevation





# BRITISH UNIVERSITY

DONE BY : SAKHER DUJIN

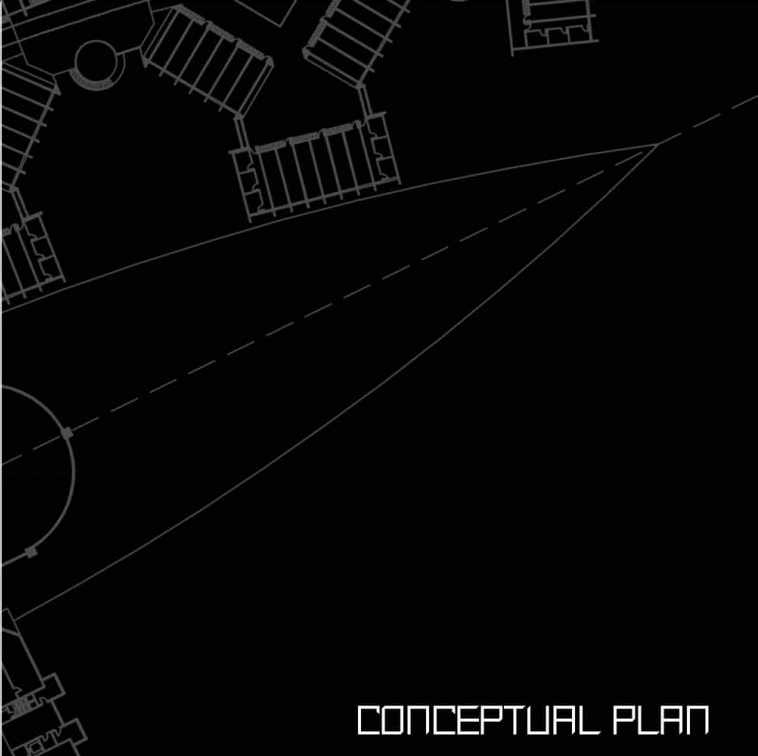
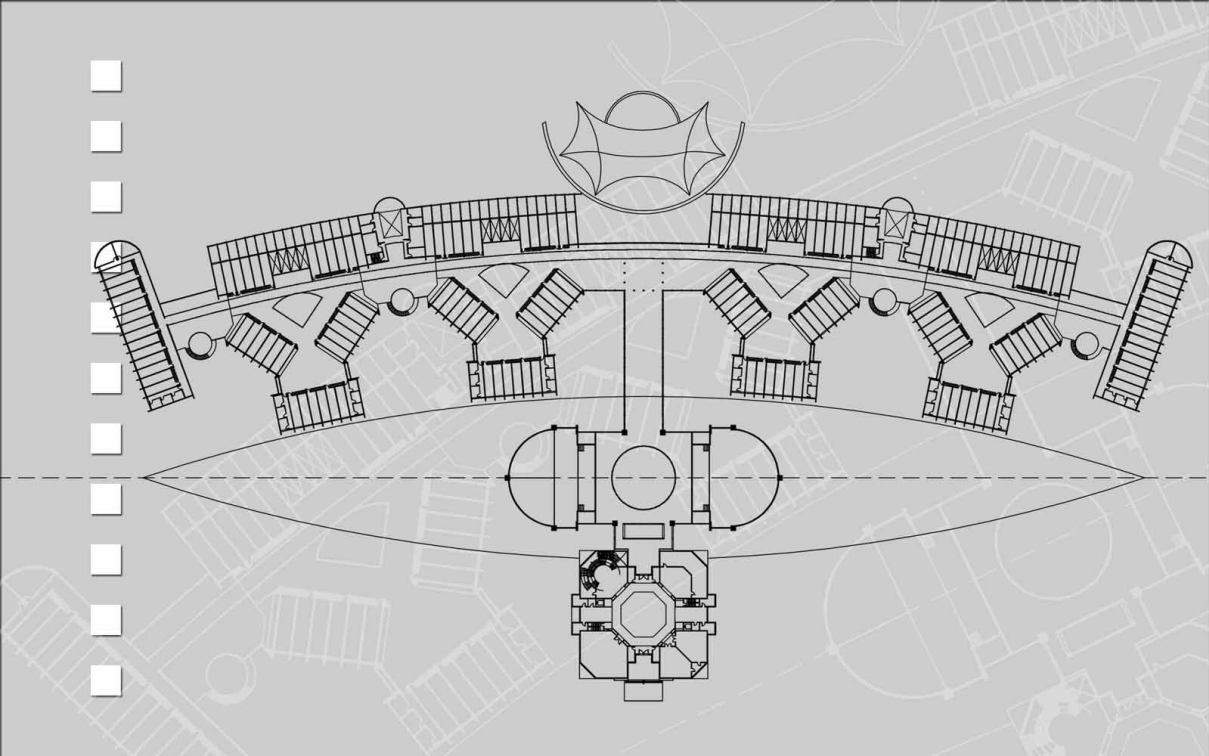
Project description :

- site : JORDAN-AQABA .

- area : 672 DONUM .







CONCEPTUAL PLAN



# TRAINING COURSE

- SIGMA-CONSULTING ENGINEERS  
AL-MUWAQQAR INDUSTRIAL ESTATE.





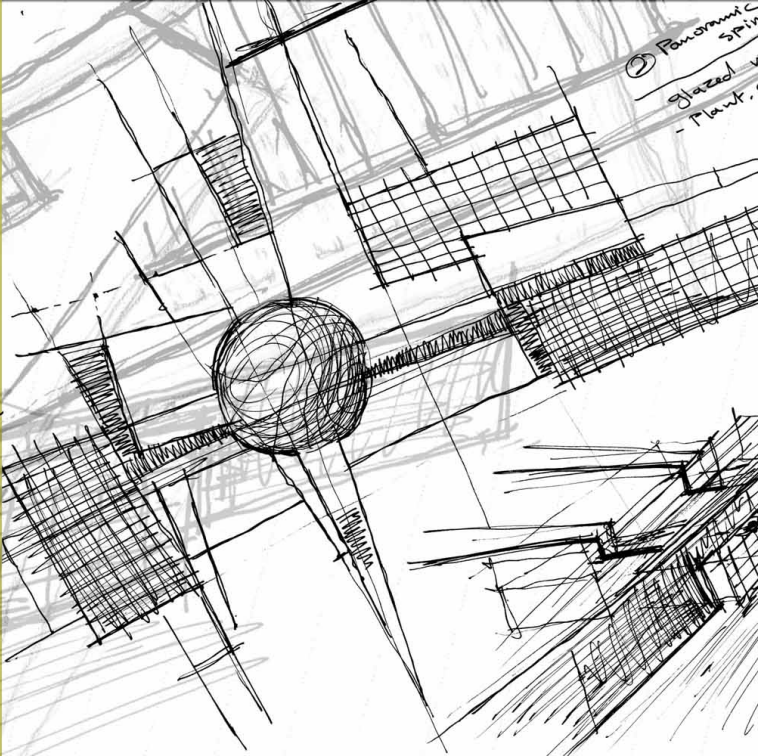
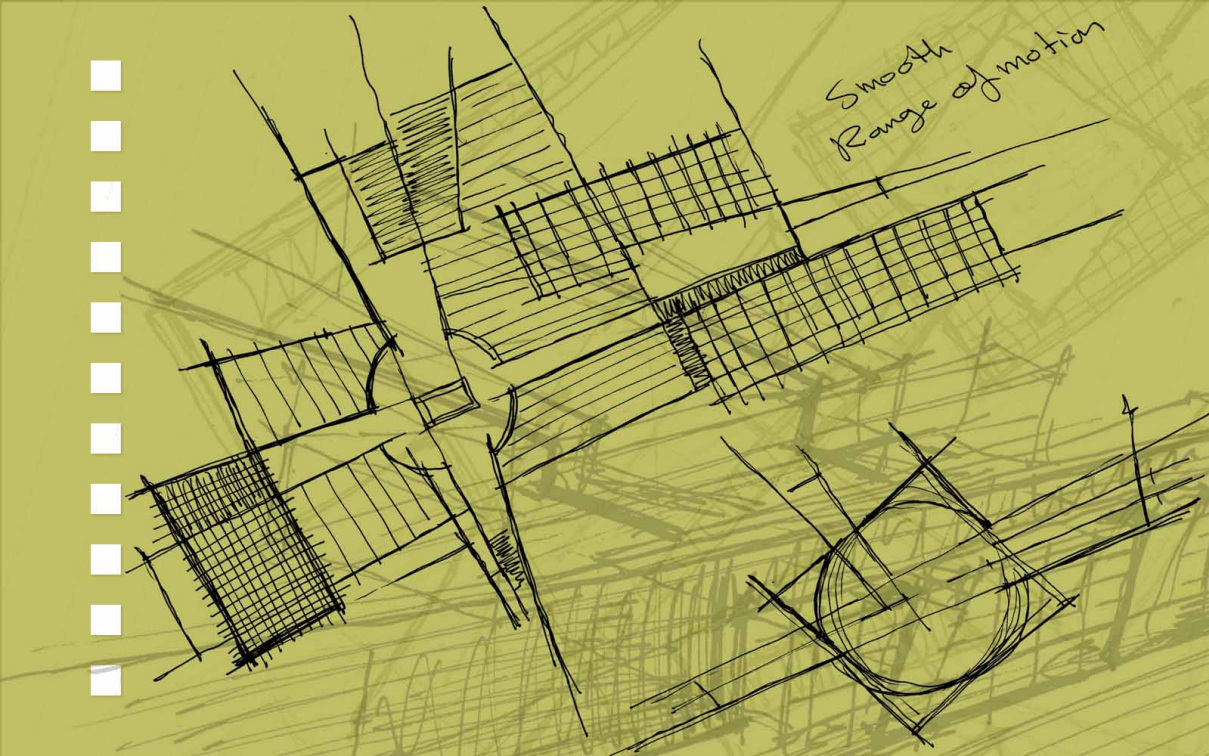
CONCEPTUAL PLAN

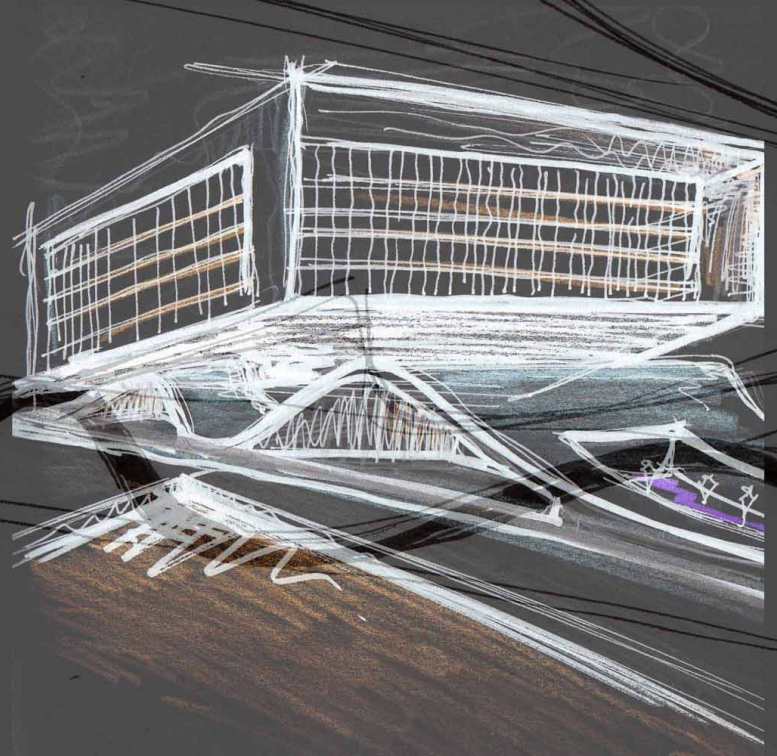
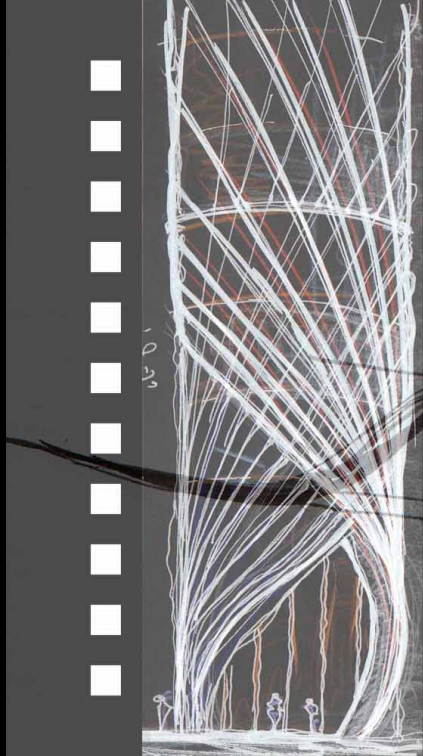


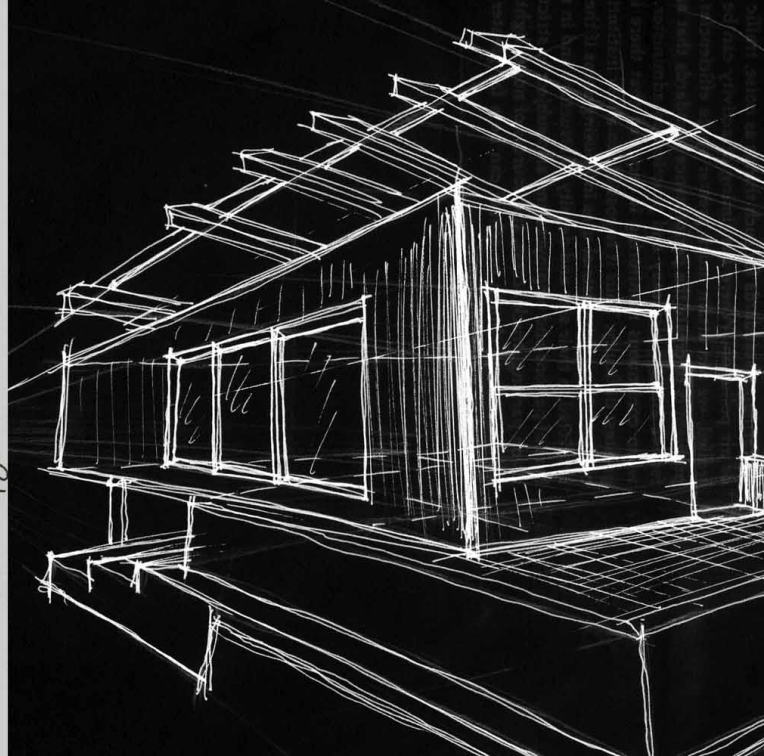
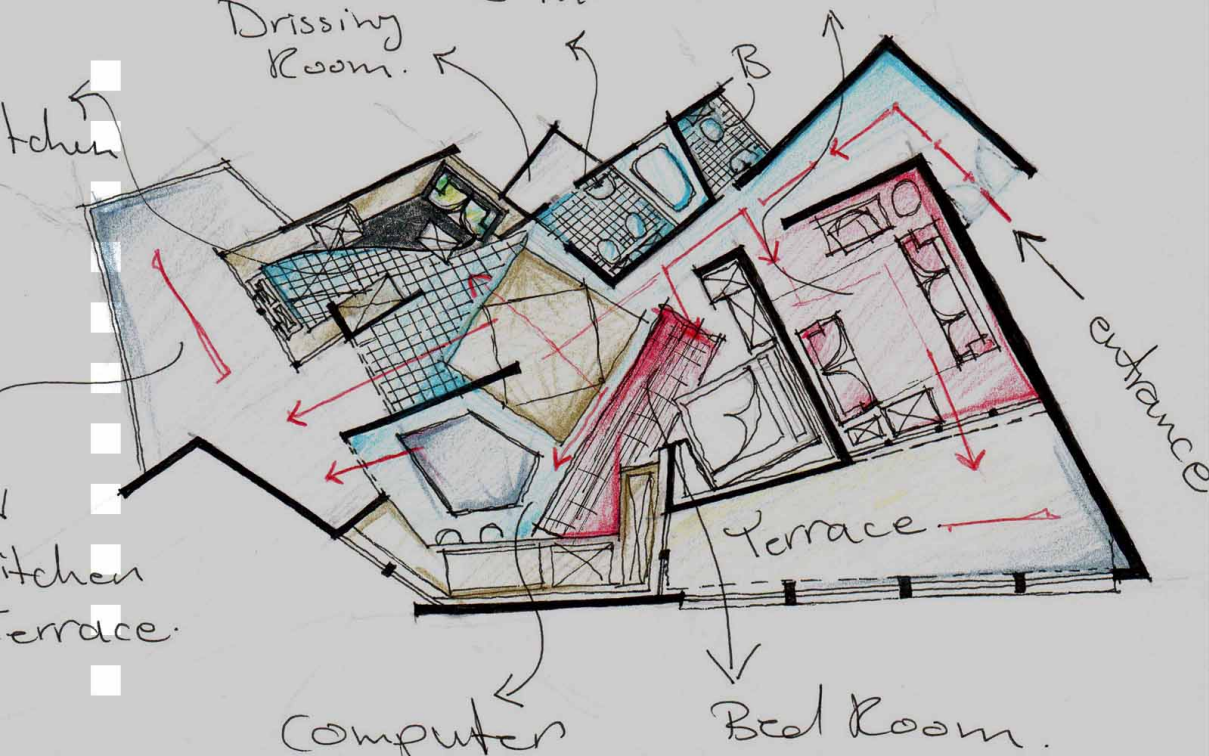
SITE PLAN

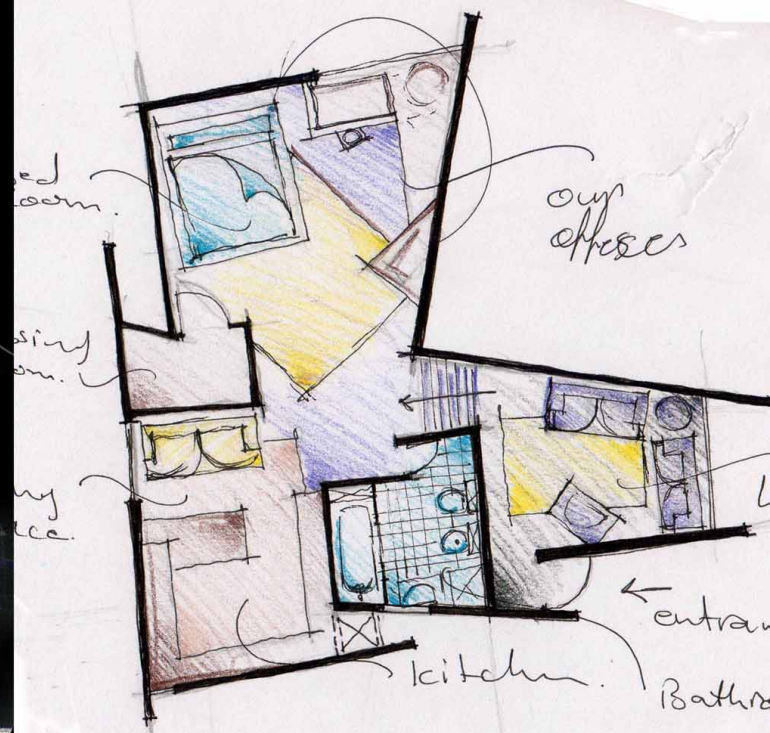
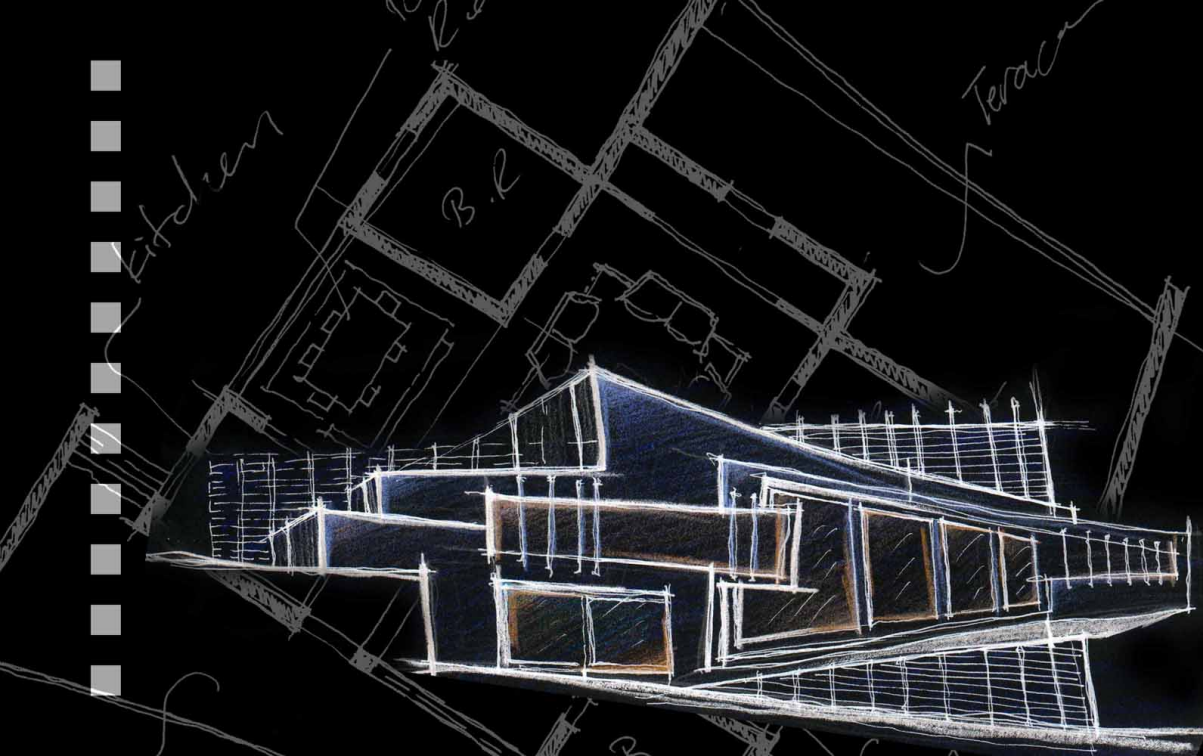


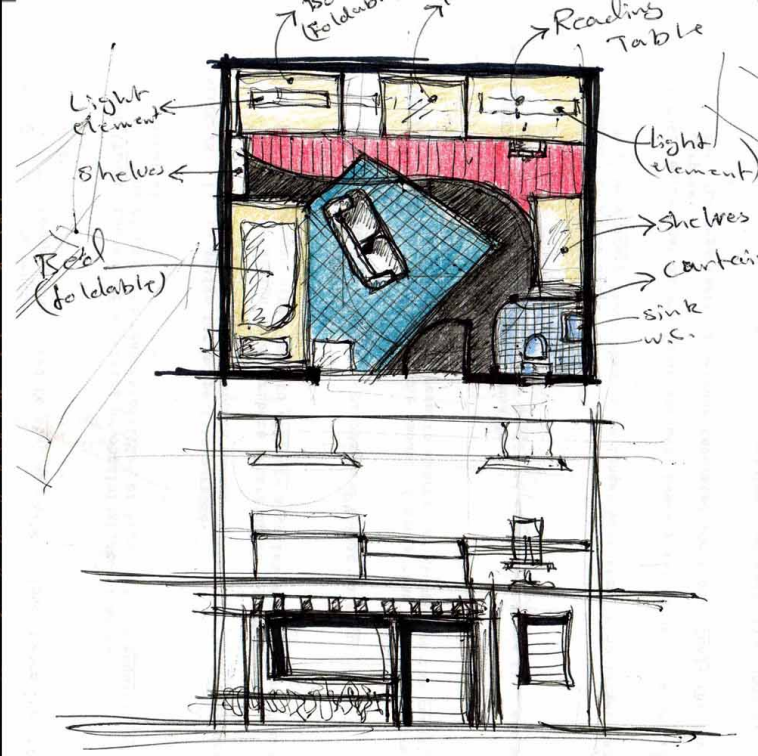
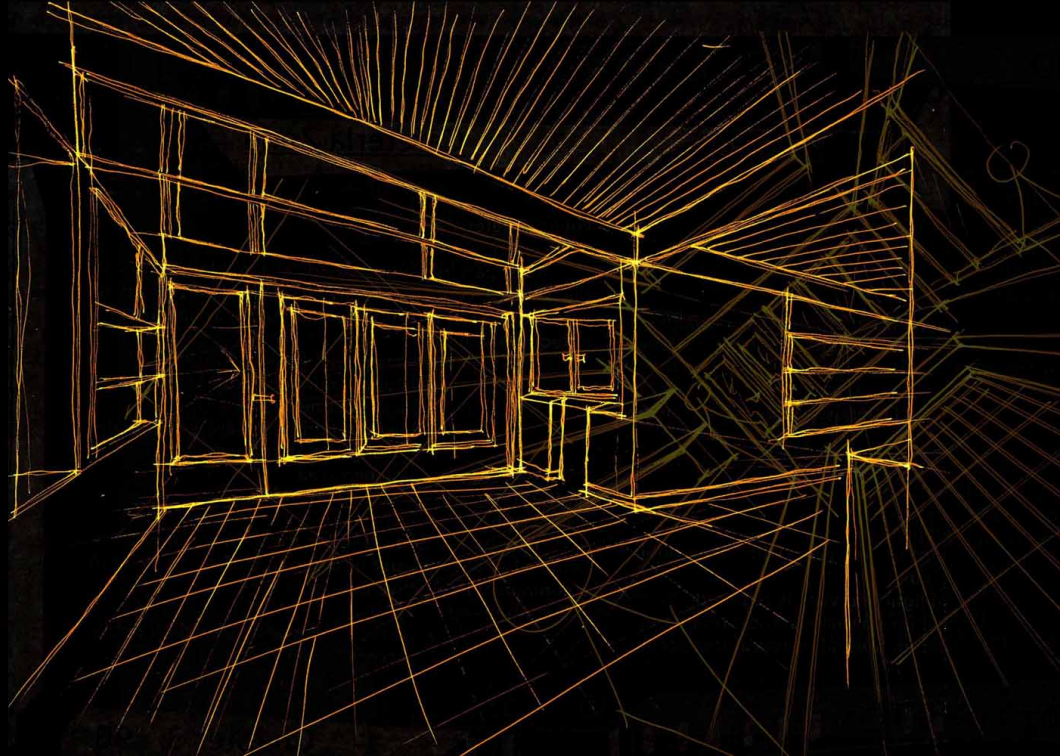
# DAILY SKETCHES

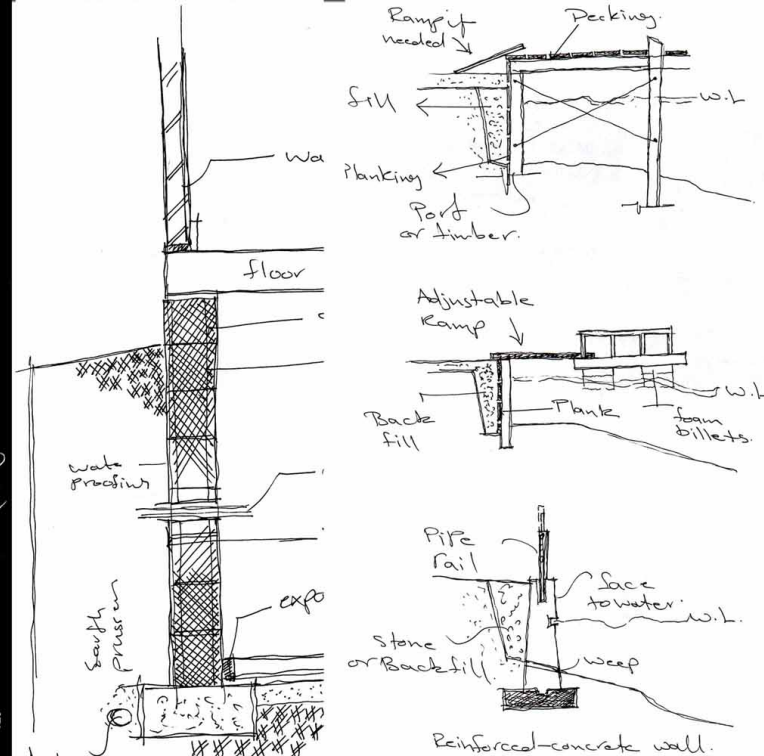
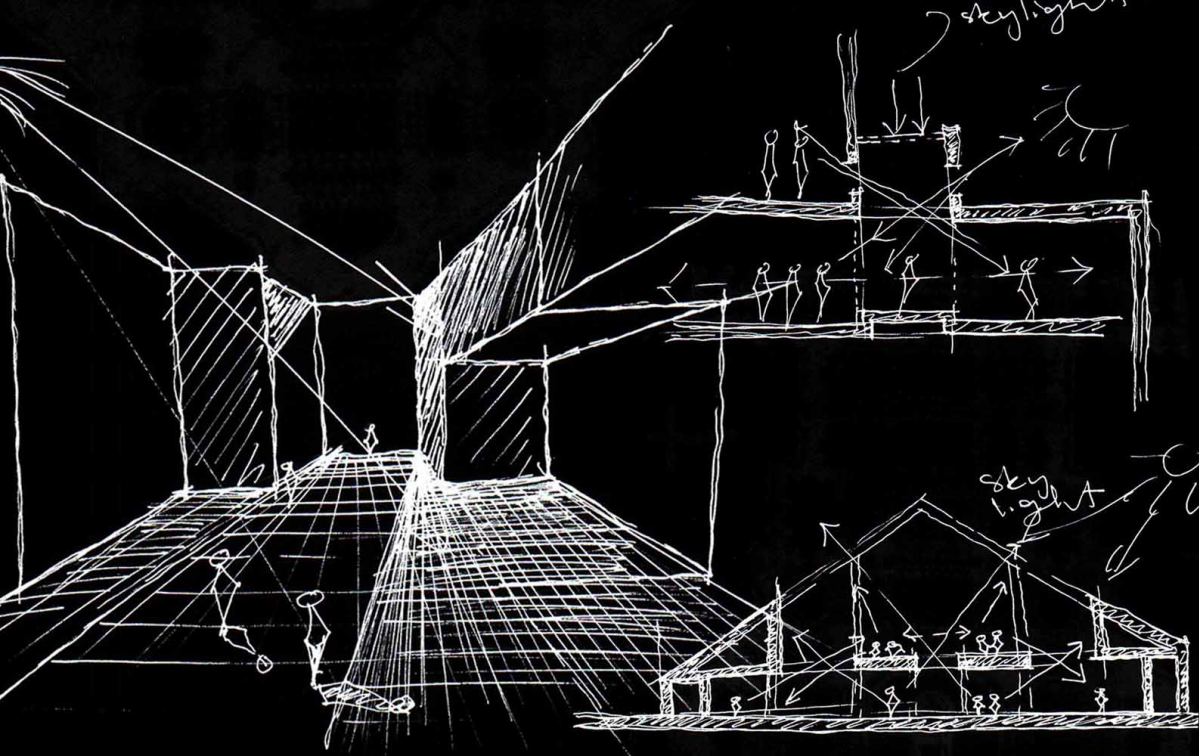


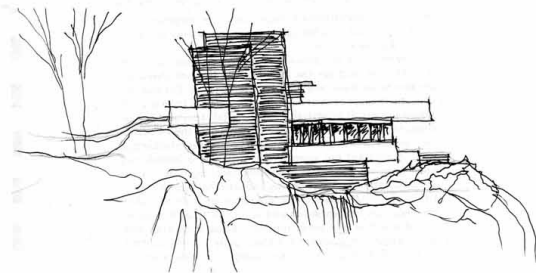
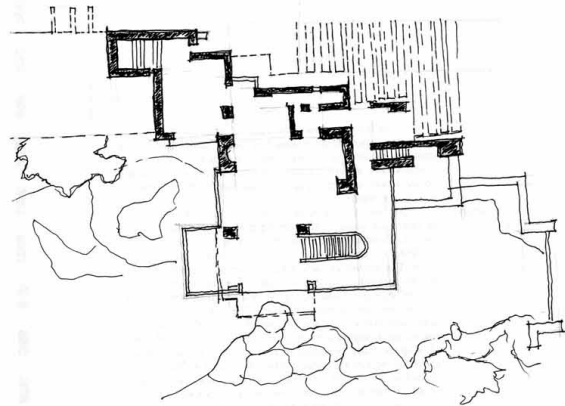
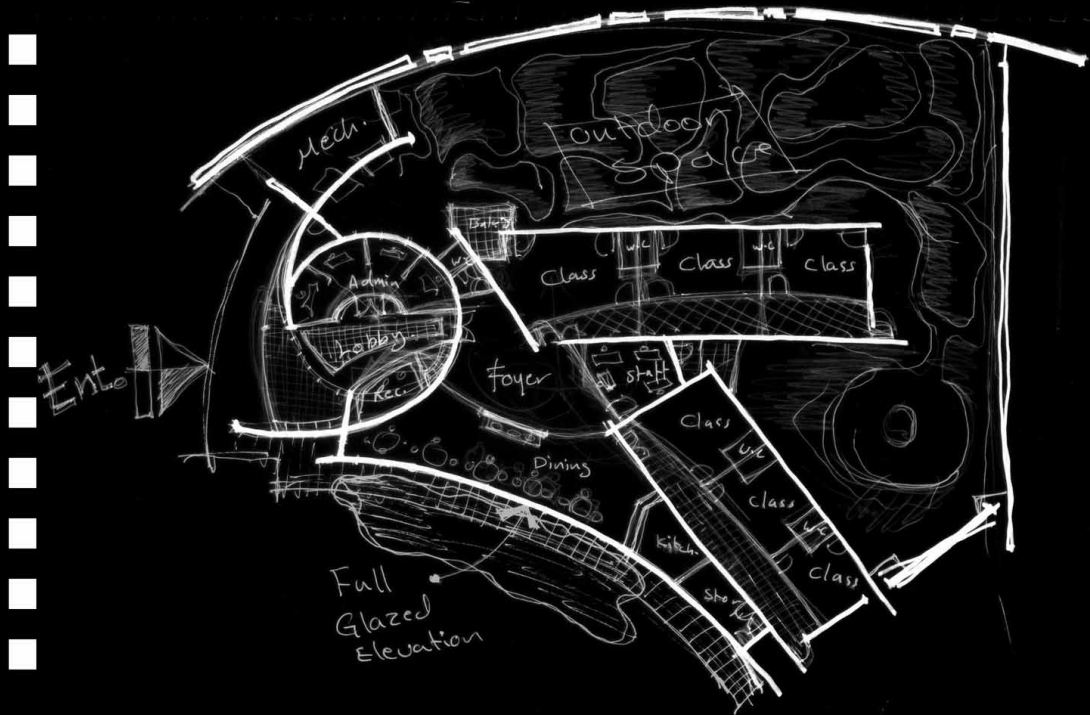




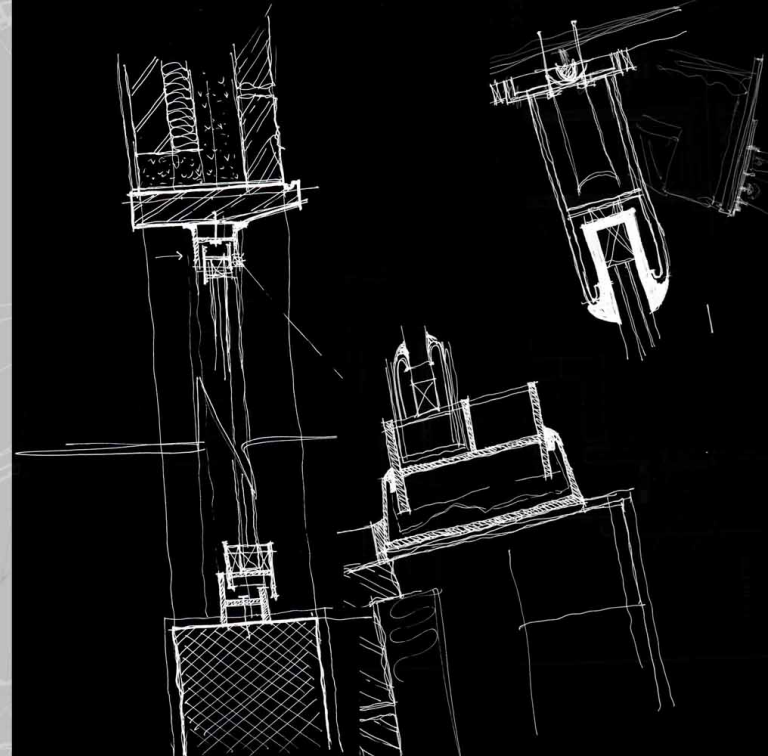
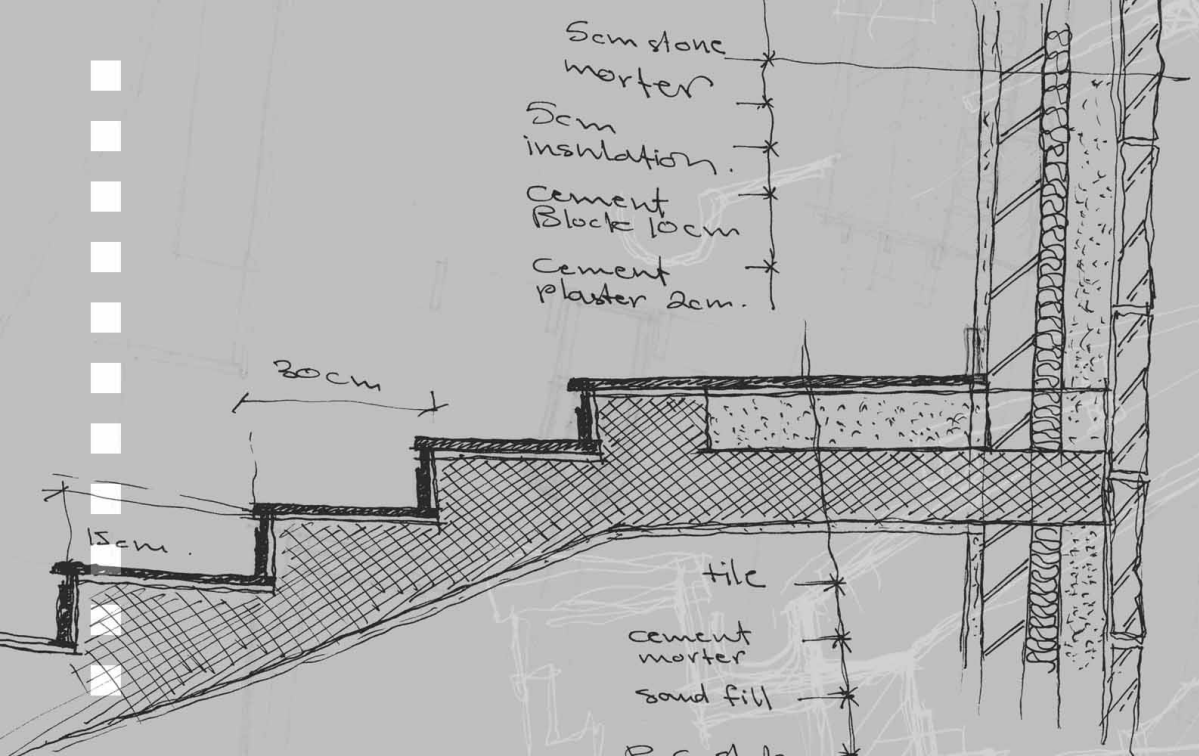


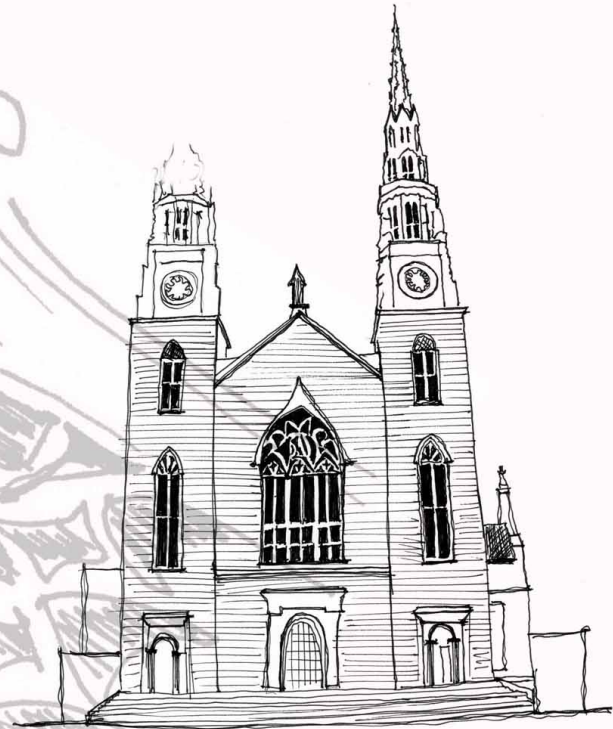
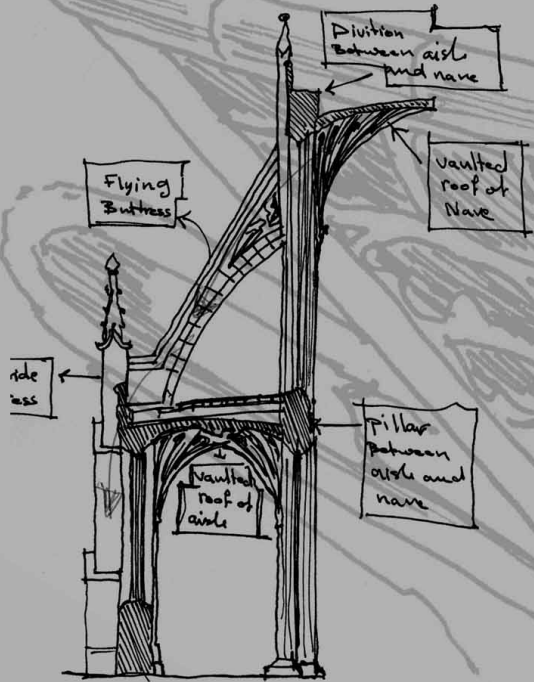


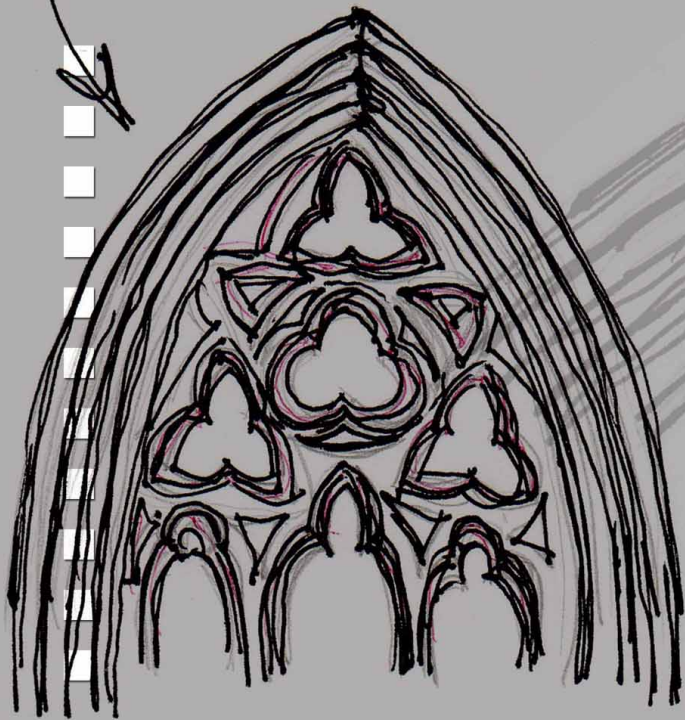












Flying  
Buttress  
of Notre

clearstory

Nave

choir

aisle

aisle