





### JORDANIAN CODES

#### STANDARDS AND REGULATIONS OF THE JORDANIAN NATIONAL BUILDING CODE

#### CLASSIFICATION OF THE PLOT OF LAND AND TYPE OF BUILDING

THE PROGRAM OR THE DESIGN SCHEME OF THE PROJECT IS SUBJECT TO THE FOLLOWING LIST OF JORDANIAN NATIONAL BUILDING CODES:

- 1) CODE OF NATURAL VENTILATION AND SANITARY PRINCIPLES
- 2) THE NATURAL LUMINANCE CODE
- 3) BUILDING WATERPROOFING AND MOISTURE PROOF CODE
- 4) THERMAL INSULATION CODE
- 5) VOID REQUIREMENTS CODE FOR BUILDINGS
- 6) SCAFFOLDING OR ELEVATOR CODE
- 7) FIRE PROTECTION CODE / ARCHITECTURE
- 8) BURN ALARM CODE
- 9) FIRE PROTECTION CODE
- 10) THE BUILDING REQUIREMENTS CODE FOR AL-AQIQ
- 11) CODE OF VENTILATION AND SETBACKS

The shaded area which achieved by the sun direction and the built up area according to the Jordanian codes

The shade line

المنطقة المظلمة التي تم تحقيقها من خلال اتجاه الشمس والمساحة المبنية وفقًا للرموز الأردنية للبناء.

خط الظل

#### SPACIAL CONFIGURATION CODE

#### STANDARDS AND REGULATIONS OF THE JORDANIAN NATIONAL BUILDING CODE

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#### PRACTICAL PLAN ON CODES FOR FIRE, BUILDING, CIRCULATION AND STAIRS

#### THE VEHICLE CODES

#### THE VEHICLE CODES

#### THE LAND TYPE AND CLASIFICATION

#### TWO MAIN ENCLOSURE WITH DIFFERENT DIRECTION

#### BUBBLE ZONING

#### THE SHAPING OF 2D ELEVATION & THE ORIENTATION OF BUILDING (SHADING AREAS AND LIGHTING SPACE NATURALLY)

الرمز	الوصف	المساحة (م <sup>2</sup> )	الارتفاع (م)	العدد
1	مبنى سكني	1000	3	1
2	مبنى تجاري	500	4	1
3	مبنى تعليمي	200	5	1
4	مبنى صناعي	100	6	1

### THE SUSTAINABILITY IN PROJECT

#### 3 MAIN ZONES IN YOUTH CENTER PROJECT

#### BUBBLE AND ZONING DIAGRAM

#### DETAILED DRAWINGS FOR THE SITE CLIMATE AND NATURAL SPECIFICATIONS

#### GREENERY AREAS WILL BE CONTINUED ON SOME MODULE SURFACES FOR SUSTAINABLE AND NATURAL VENTILATION

### THE STRUCTURE IN PROJECT

#### THE GLASS PATTERN WITH MODULE STRUCTURE

#### THE VOID SHAPING IN THE MODULE

#### SMART SUN CELLS IN THE OPENING AND CLOSED TIMES

#### STEEL STRUCTURE GRID



### CONCEPT (1) :

**THE CONCEPT STATEMENT IS :**  
THE SENSUPE EXPERIENCIAL LIFE  
.....IN PETRA YOUTH WELL BE THIER SELVES ..AMBITIONS AND LIFE GOALS WILL BE ACHIEVED ...  
WHAT?

The concept is inspired by the site...  
The street direction and the surrounding buildings modules and distriputioun...

#### WHY?

Because of the rich heritage in the site.. and the axial routs in the Nabatениan city which had different scales for home (humanized) and for the governmental scale (monumental) and the main clever axis in between ....

#### HOW?

- 1) The suspense in the project will come from the AXIAL movment with different items
- 2) I will connect the two different zones ((activity center & bussiness area)) with broken axis wich comes from the out door movement axis

### CONCEPT (2) :

**THE CONCEPT STATEMENT IS :**  
THE FIT MODULISM IN CITY .....  
WE NEED TO READ THE CITY IMAGE & LANGUAGE IN OUR DESIGN .

#### WHAT?

The module which was used in petra at Nabatениan city which is so closed to the center was really cleared and integrated with nature and site topography

#### WHY?

Because of the need to make a good stimulation with the city style and I have to avoid the isolation or the competition with the surrounding style and the whole city image...o

#### HOW?

- When you visit Petra you had two experineces to live
- Firstly : The out door walking trip in the city
- Secondly : The arrival experience for the touristic features in Petra by (The seqv)
- So
- I used the module of the surrounding buildings to create my two experience in the project by the same feeling of the whole journey



### CONCEPT (3) :

**THE CONCEPT STATEMENT IS :**  
THE Energy interaction points of the chakras.....its all about the energy of youth how to transmit and inetract with other points .....

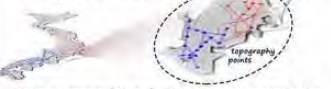


#### WHAT?

The concept is inspired from the nature of project and the user sicology

#### WHY?

The youth energy is the main renewable source of our future goals..specially in my project ((the real platform for the jordanian youth to act themselves locally & regionally))



The surrounding features in points to act the topography in sharp edges like the shakra points

#### HOW?

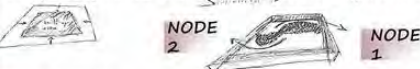
In this project have to emphasize the topography points ((energy or chakras points )) in a sharp and strong indecation

#### HOW?

The result for my contor or energy points is a smooth curvy lines this mean that my project have to continue my user axial out door journey

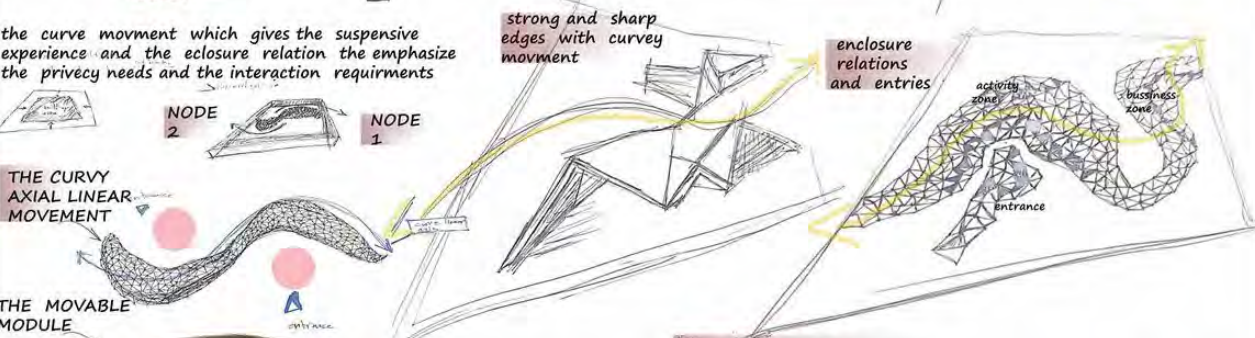
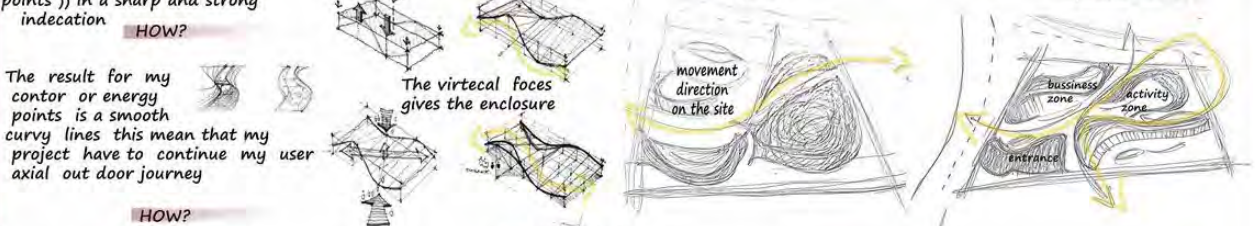
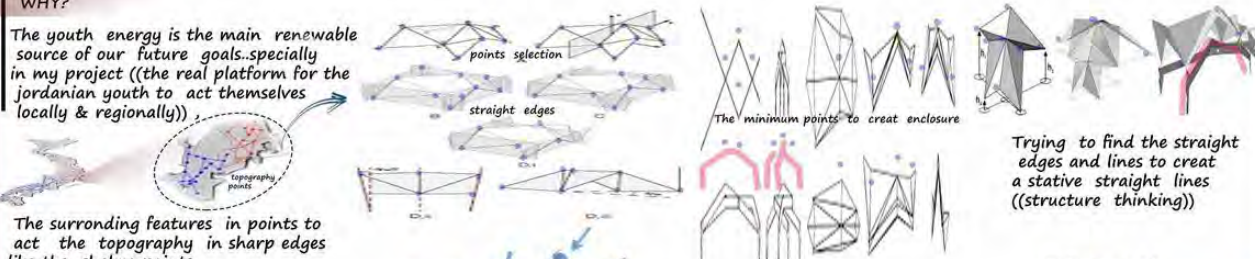
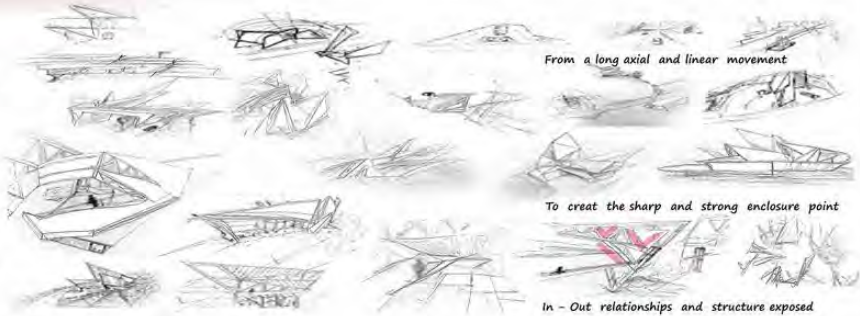
#### HOW?

the curve movement which gives the suspensive experience and the eclosure relation the emphasize the privcy needs and the interaction requirments



THE CURVY AXIAL LINEAR MOVEMENT

THE MOVABLE MODULE



### BUBBLES & ZONING DIAGRAM

