



The Hashemite University - Department of Architecture  
Architectural Design III - Fall 2019

Project: Youth Centre at the HU

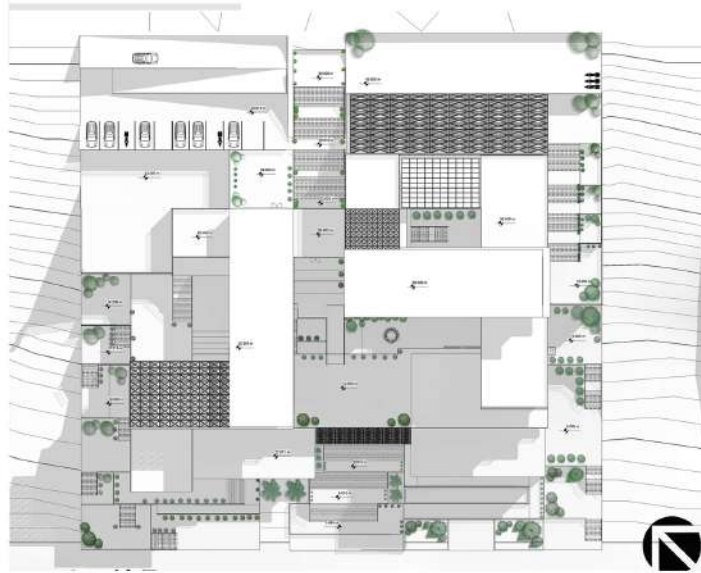
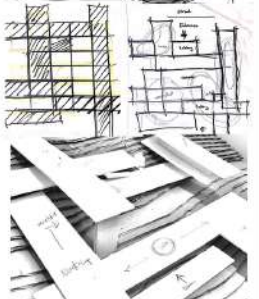
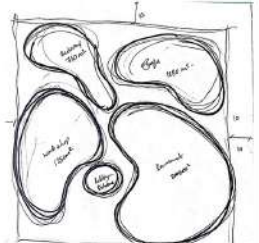
St. Name: Aseel LA-Labadi

Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shgra, Arch. R. Abbasi, Arch. H. Othman



This course focuses on design of multi-function buildings on a complex scale of functions and site using the comprehensive logical design method to integrate different functions taking into consideration, the context, landscape and environmental, economical, behavioral and structural factors. Expression and language of design will be in terms of values, images, patterns, systems of horizontal and vertical circulation and space flow through two major projects. Each student requires addressing the basic design concerns of form, function, circulation, orientation, privacy, spatial design compositions, structural and environmental issues, socio cultural values, etc.

### Concept



### PLANS

#### GROUND FLOOR PLAN

SCALE 1:100



### PLANS

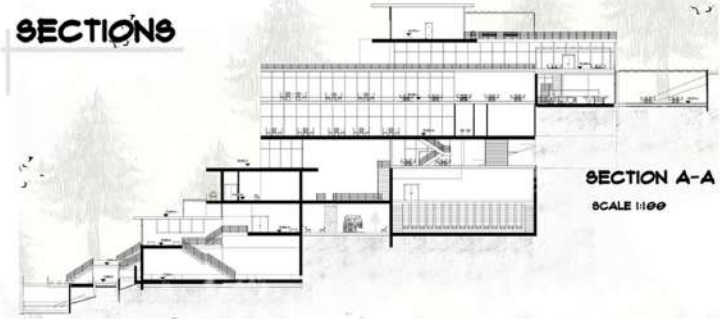
LEVEL 3 SCALE 1:100



### SECTIONS

#### SECTION A-A

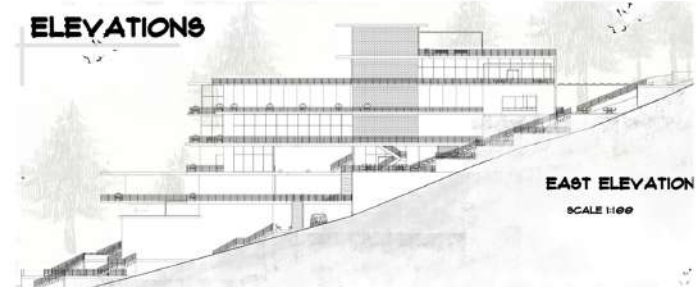
SCALE 1:100



### ELEVATIONS

#### EAST ELEVATION

SCALE 1:100





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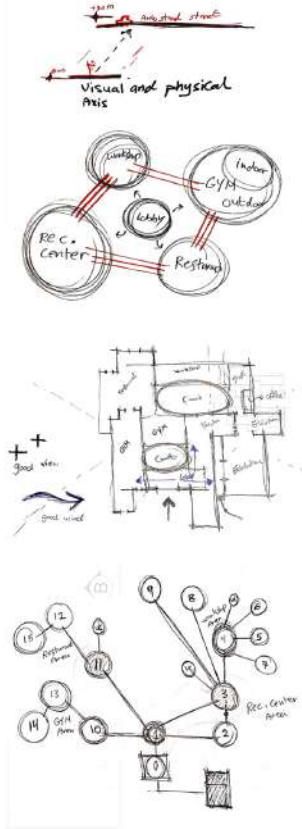
Project: Youth Centre at the HU

St. Name: Batool Hikmat

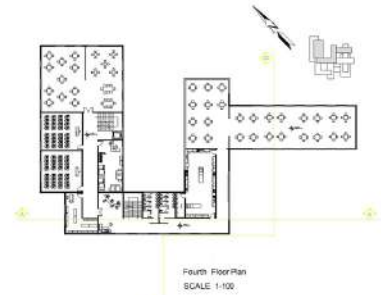
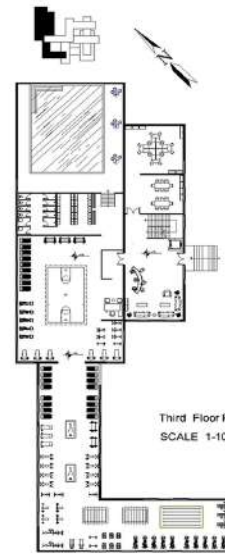
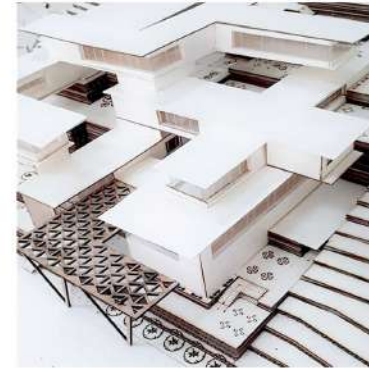
Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman

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**Concept**



Front Elevation





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St. Name: Deema abd-ALGhani

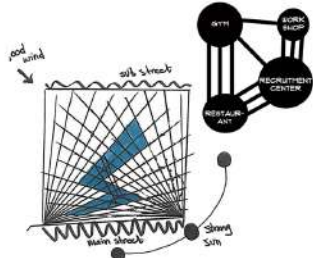
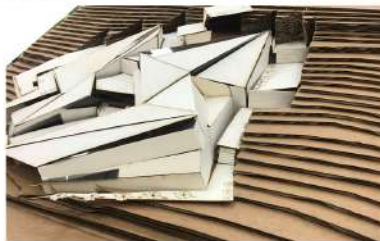
Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman



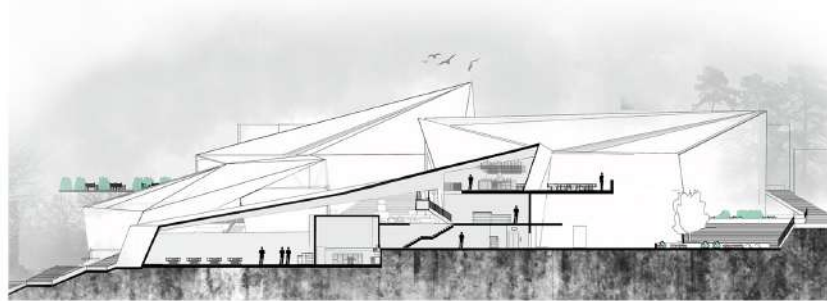
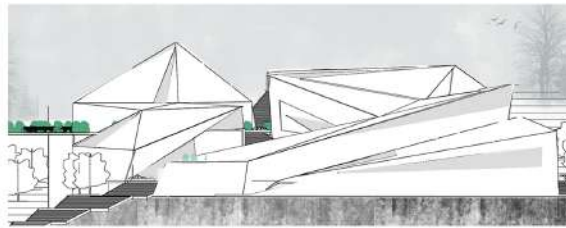
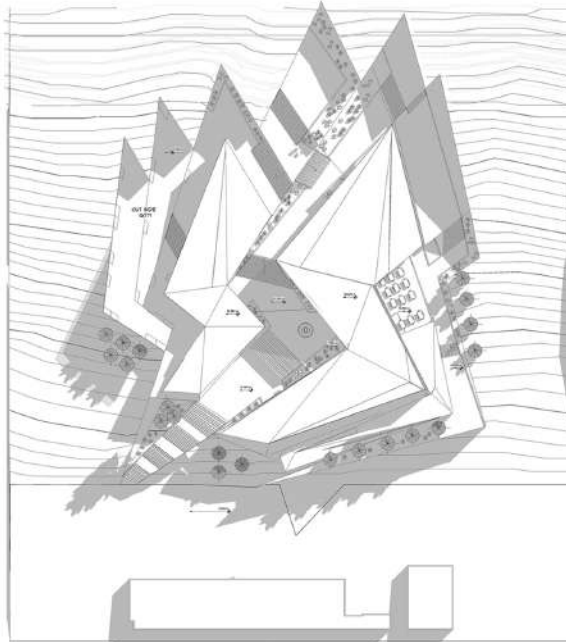
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### CONCEPT

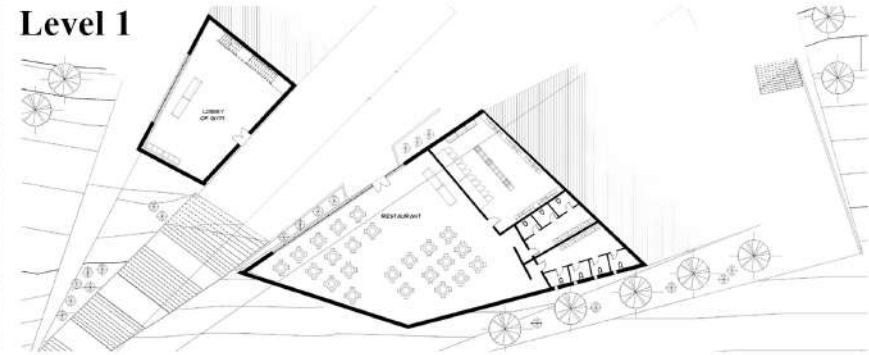
TAKING THE TWO CORNERS OF THE SITE AS TWO FOCAL POINTS. THE ONE THAT IS NEAR THE MAIN NODE OF THE STREET AND THE OTHER THAT IS NEAR THE LIBRARY AND THE CENTER OF THE UNIVERSITY.



THE MAIN IDEA OF THE PROJECT IS TO CREATE AN ACTIVE AXIS IN THE MIDDLE THAT CONNECTS THE UPPER AND DOWN STREET, GHATHERING THE MAIN 4 ZONES OF THE PROJECT.



### Level 1



### Level 2



### Level 3





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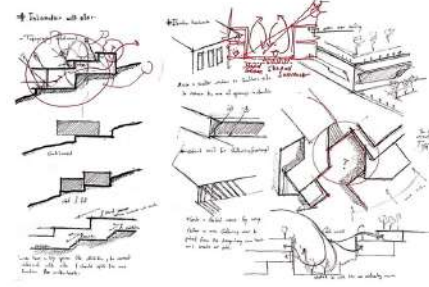
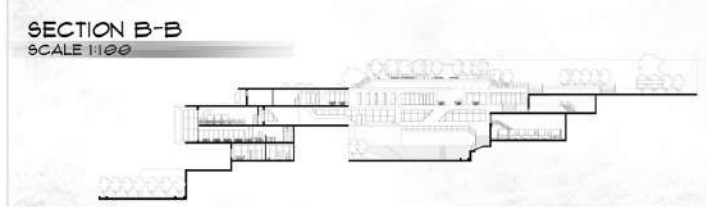
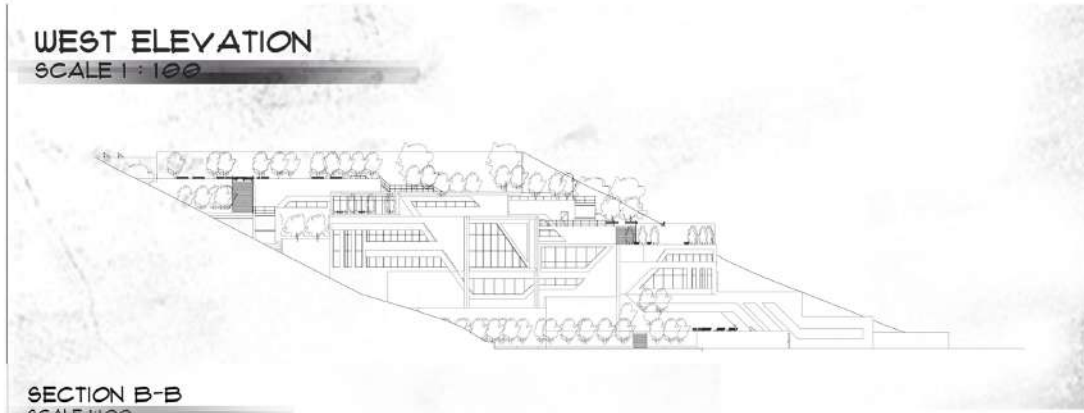
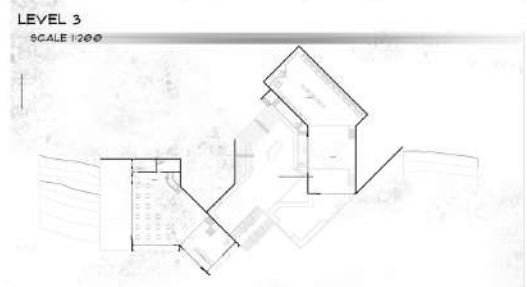
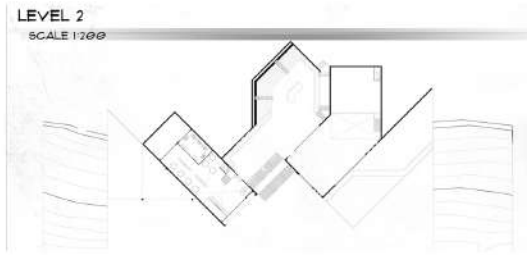
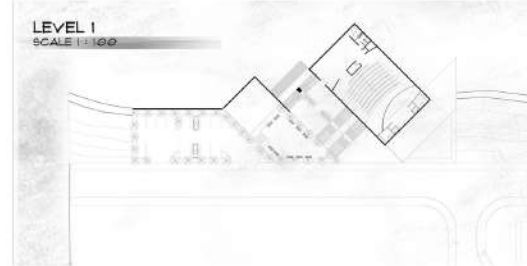
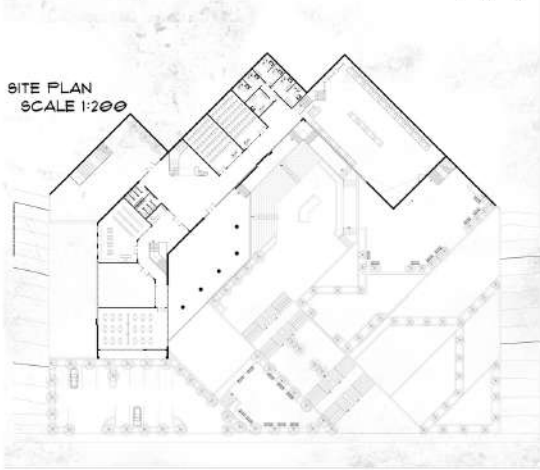
Project: Youth Centre at the HU

St. Name: Hassan AL-Momani

Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman



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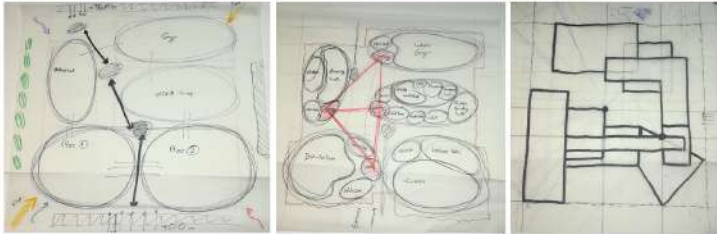
Project: Youth Centre at the HU

St. Name: Omar Abu-Obaid

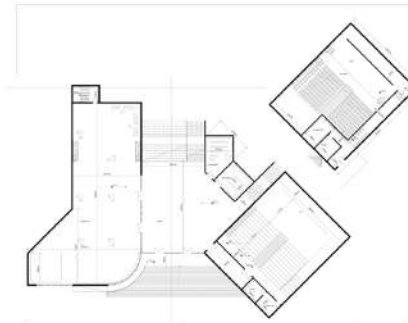
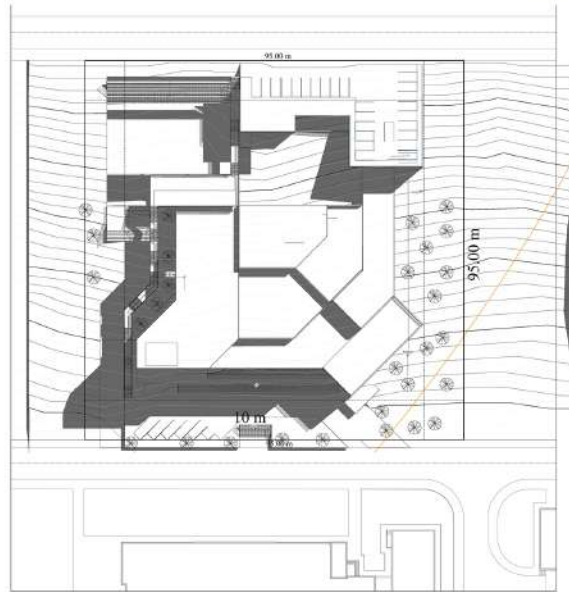
Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman

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**Concept**



**Plans**





The Hashemite University - Department of Architecture  
Architectural Design III - Fall 2019

Project: Community Clinic

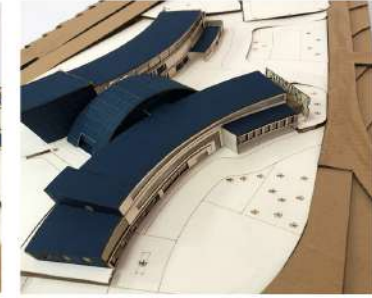
St. Name: Ahmad AL-Arab

Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman

Medical facilities are one of the most important architectural projects architect are involved in. Literature describe such projects as "beautiful machines". They have very specific, and diverse tasks to serve in the community, while maintaining interesting interior spaces and exterior forms.

Recent development in medical facilities witnessed great advancement in approaching their architecture based on physical and psychological aspects.

This project is the design of a clinic with an approximate built area of the project: 5,000-7,000 m<sup>2</sup>. The site is chosen in within the busy neighborhood of Princee Hasan district, on the main road that cross through the eastern part of Amman. While the main elevation of the selected land is on the main road, the other two set the parameters between the site and the domestic neighborhood.



CONCEPT

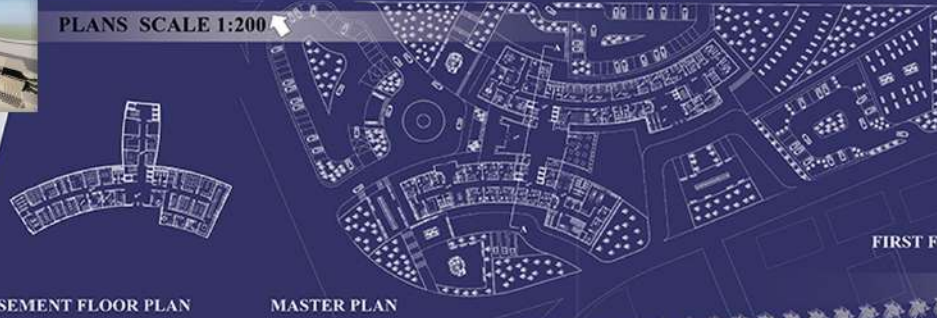
THE LUNGES OF THE HUMAN - consist of two zones the connect each other by the Trachea . As the air travels through the trachea, it circulates to both lungs



SITE PLAN scale 1:400



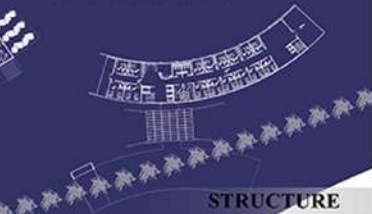
PLANS SCALE 1:200



FIRST FLOOR PLAN

SECOND FLOOR PLAN

STRUCTURE



BASEMENT FLOOR PLAN

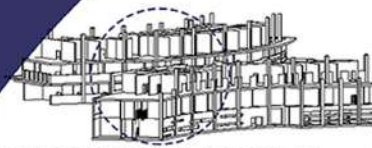
MASTER PLAN

SECTIONS scale 1:200

EXPERIENTIAL SECTION

SECTION A-A

Column in 3d



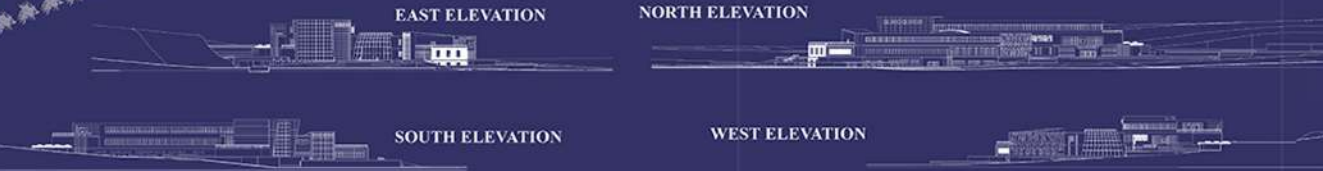
ELEVATIONS scale 1:200

EAST ELEVATION

NORTH ELEVATION

SOUTH ELEVATION

WEST ELEVATION



ENVIRONMENTAL SOLUTION

The work of concrete in the construction is light to increase the amount of concrete and shade.



The use of concrete and masonry in the construction of the facade at the terrace.

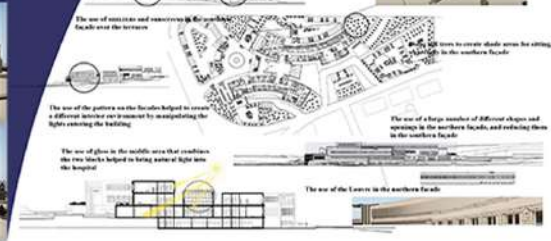


The use of the pattern on the facade helped to create a different interior environment by manipulating the light entering the building.

The use of glass in the facade area that combines the view with the help of being natural light into the hospital.

The use of a large number of different shapes and openings in the facade facade, and reducing them in the facade facade.

The use of the concrete in the facade facade.





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Project: Community Clinic

St. Name: Aseel AL-Labadi

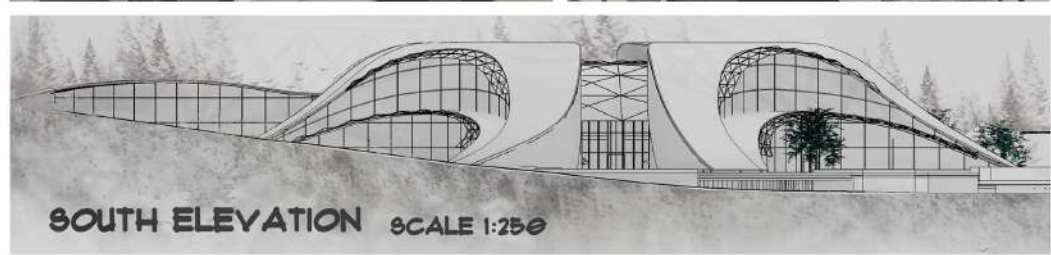
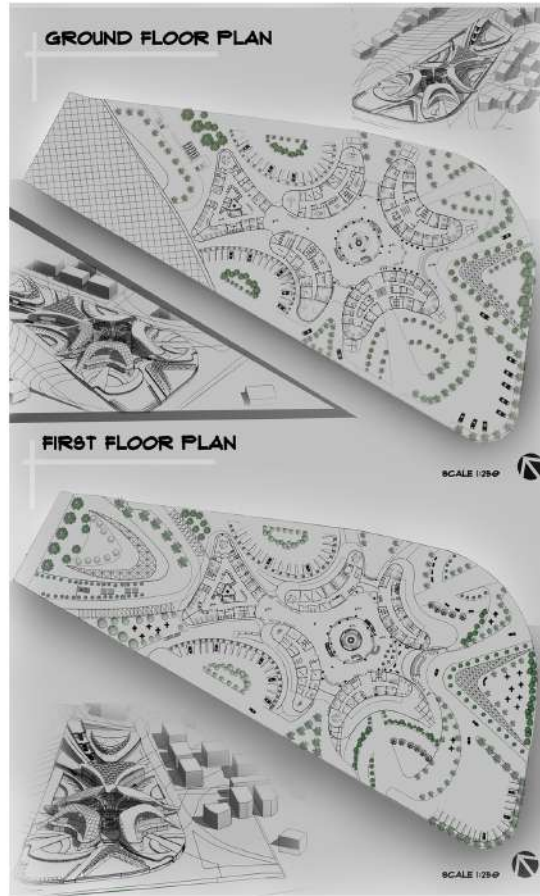
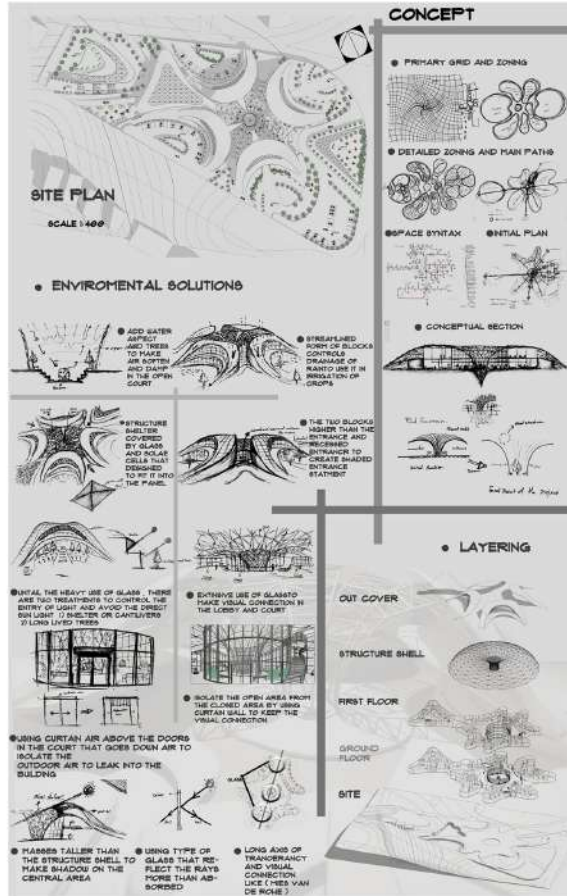
Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman



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Project: Community Clinic

St. Name: Batool Abd-ALJaber

Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman

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### ENVIRONMENTAL EVALUATION



SEATING AREA , IN A WAY THAT PROVIDES OUTDOOR SHADING AREA FOR PATIENTS AND VISITOR .



PLACE A TREE IN THE POOL AND ENTRANCE AREA

The purpose is to cool down to create a more comfortable interior environment achieved by reducing dense heat, entering solar radiation through the outer shell and creating natural ventilation to achieve comfort through the techniques used.



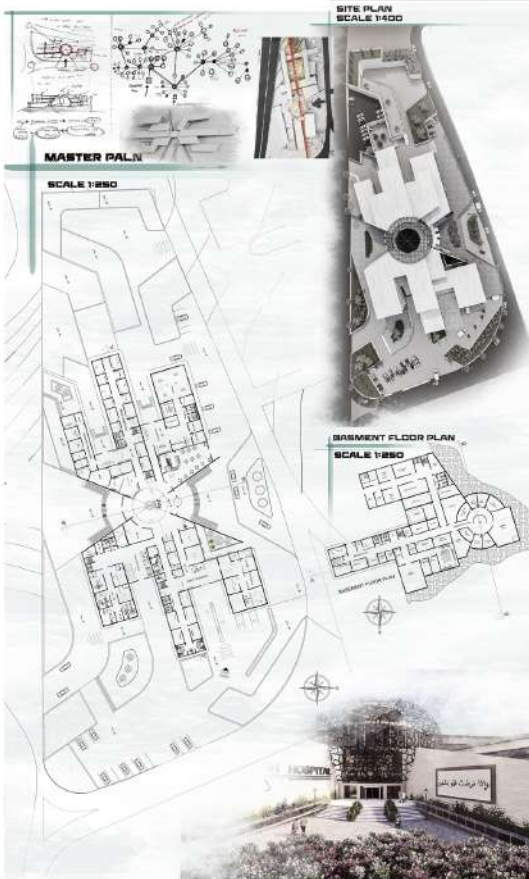
### SUN BREAKER

TO ALLOW THE ENTRY OF THE SOLAR BEAM IN THE WINTER AND TO PREVENT SUNLIGHT FROM ENTERING IN THE SUMMER. ITS PURPOSE IS TO PROVIDE A BREAK OF THE SUN AND CREATE SHADE SPACES ON THE OPENINGS, SPACES AND WALLS



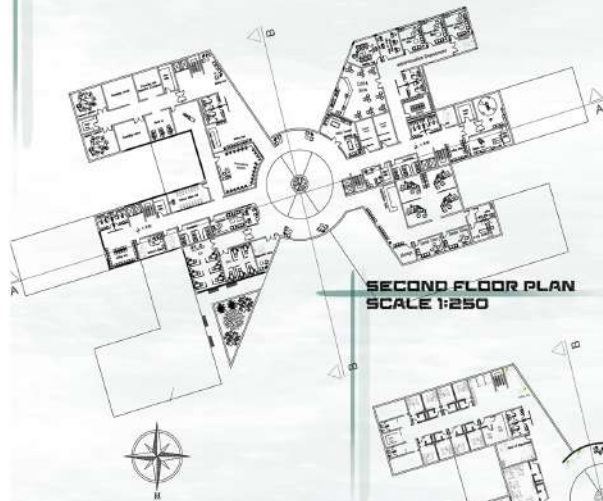
TO BREAK THE DIRECT SUNLIGHT OF SOUTH EL EYAT TO N

The dome pattern was designed to depict the branches that were created from the trees and from the surrounding nature of the site.



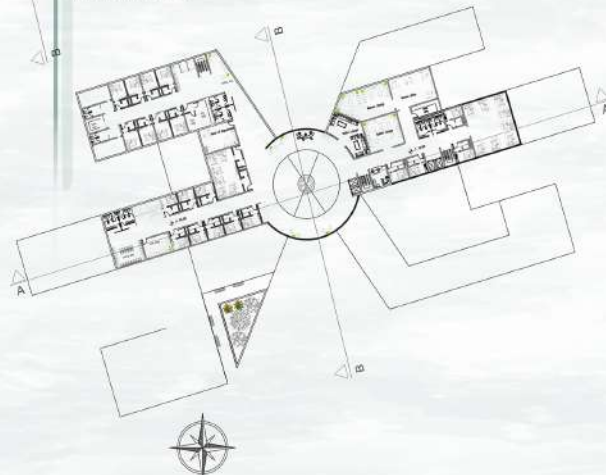
### FIRST FLOOR PLAN

SCALE 1:250



### SECOND FLOOR PLAN

SCALE 1:250



### SECTION A-A

SCALE 1:250







The Hashemite University - Department of Architecture  
Architectural Design III - Fall 2019



Project: Community Clinic

St. Name: Raghad Odeh

Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman

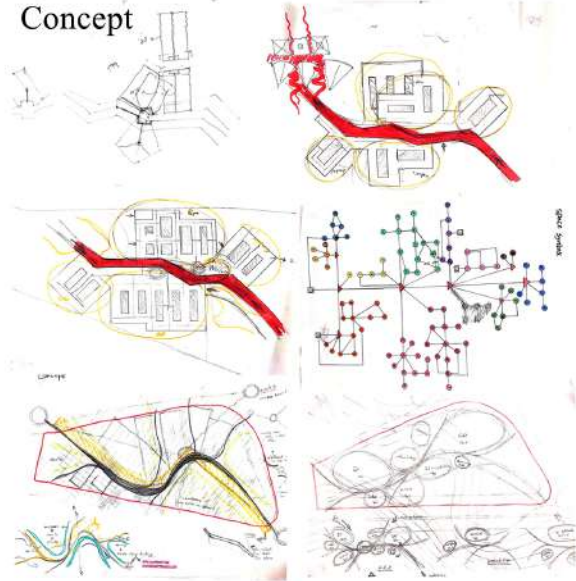
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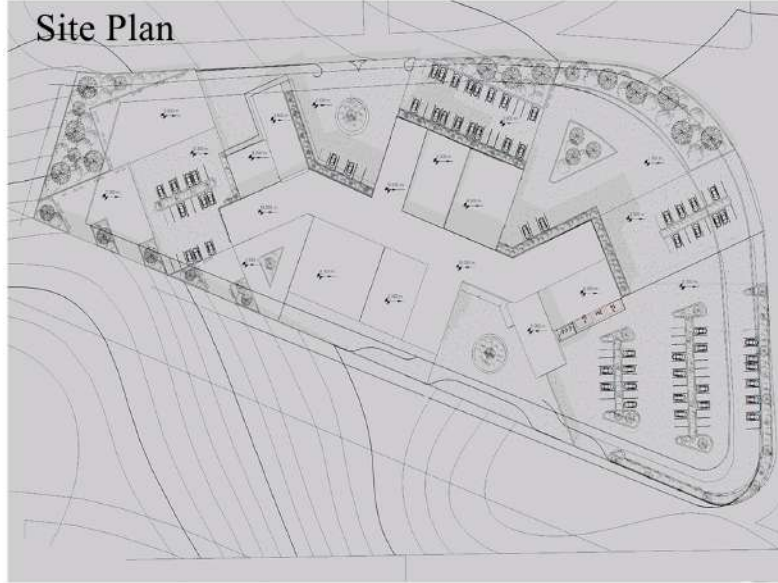
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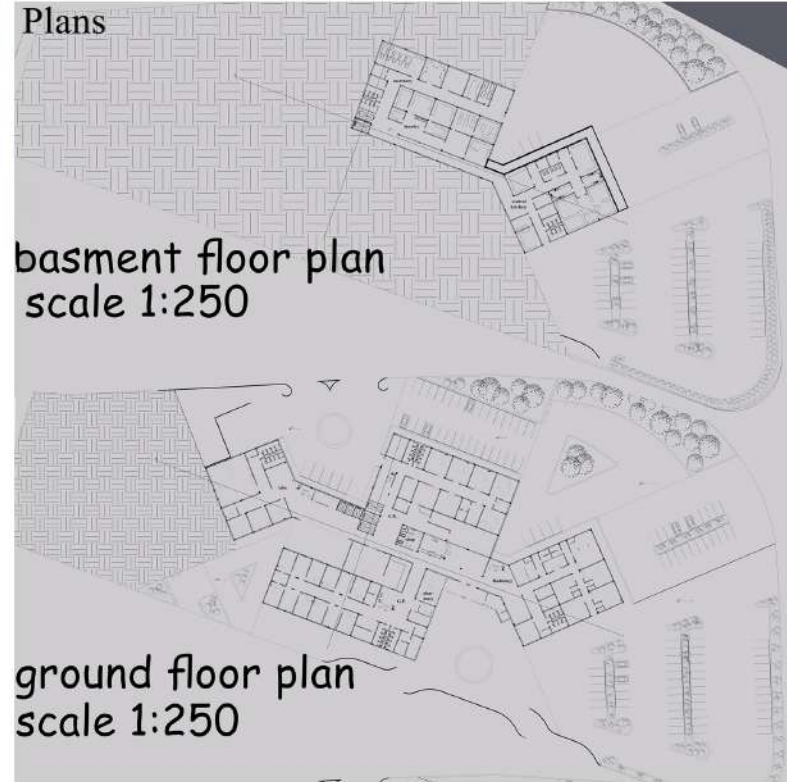
Concept



Site Plan



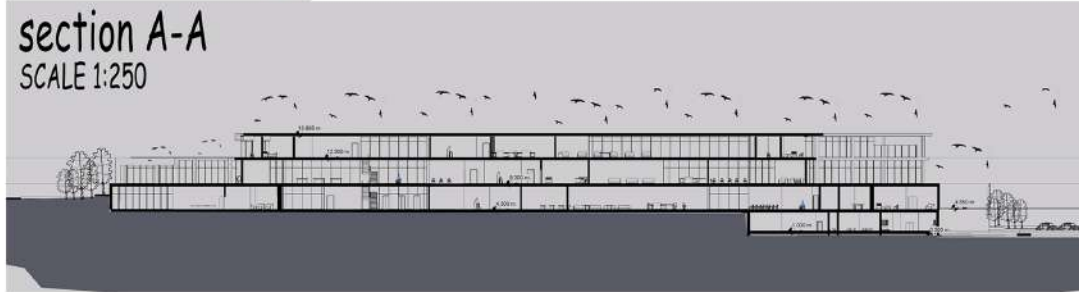
Plans



basement floor plan  
scale 1:250

ground floor plan  
scale 1:250

section A-A  
SCALE 1:250





The Hashemite University - Department of Architecture  
Architectural Design III - Fall 2019



Project: Community Clinic

St. Name: Taqwa AL-Nowahi

Supervisor: Dr. S. Abu-Khafjah, Arch. L. Shqra, Arch. R. Abbasi, Arch. H. Othman

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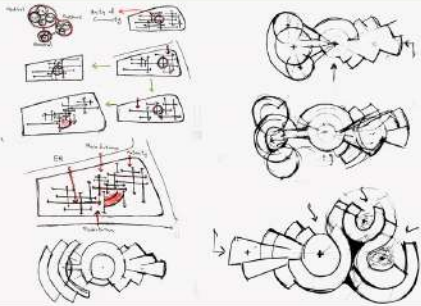
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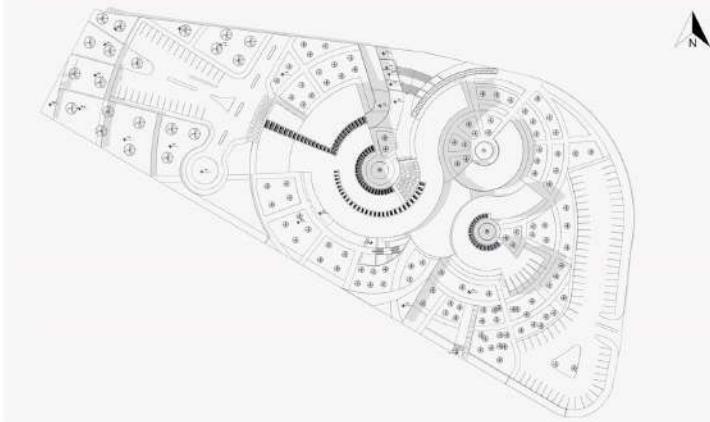
### CONCEPT

1-Society: People who live in one area and are considered one unit. Proceeding from this concept, the idea of the building was directed towards forming a number of blocks that are related to each other and represent one region and are connected to each other as a community where it takes into account the number of users of this building and accordingly it must achieve the convenience of users, especially for long hours.

2-Influenced by the architectural designs of Richard Meier, where his designs were based on simplicity in connecting simple shapes and providing the largest amount of natural light for the building and white color for building in and out.



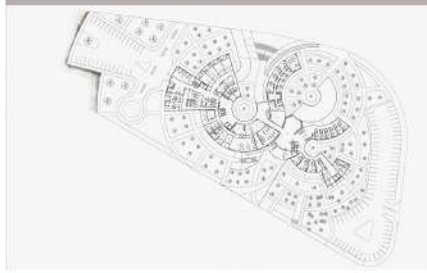
### SITE PLAN - 1:250



### GROUND FLOOR PLAN - 1:250



### FIRST FLOOR PLAN - 1:250



### ELEVATIONS



### SECTIONS

