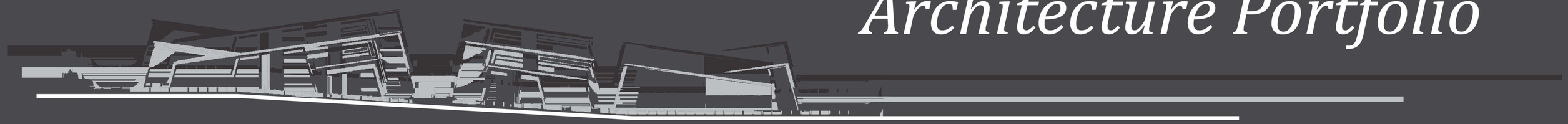
Zahra Moradi

Architecture Portfolio



Zahra Moradi

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REFERENCES

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Phone Number: +989126719619

Dr. Shervin Mirshahzadeh
Email: She.mirshahzadeh@iauctb.ac.ir
Phone Number: +989123769804

EDUCATION

2016-2021 *Islamic Azad University, Central Tehran Branch, Tehran, Iran*

Bachelor of Science in Architecture

SKILLS

- AutoCAD
- BrickDesig
- Photoshop
- Rhinoceros
- Grasshopper
- Microsoft Excel
- VisualARQ
- Lumion
- Microsoft Word
- Enscape
- CorelDRAW
- Hand made modeling

INTERESTS

Arts and Crafts: *Watercolor painting, Leather Crafting*
Sports: *Tennis, Athletics(Track and Field)*
Psychology Books and movies
Chromatic harmonica

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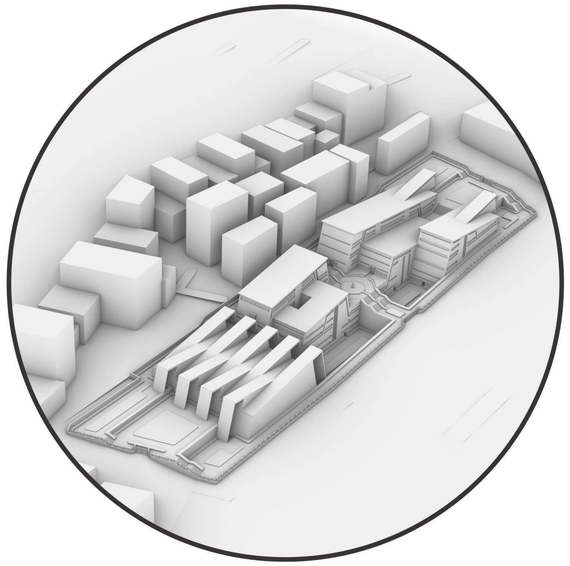
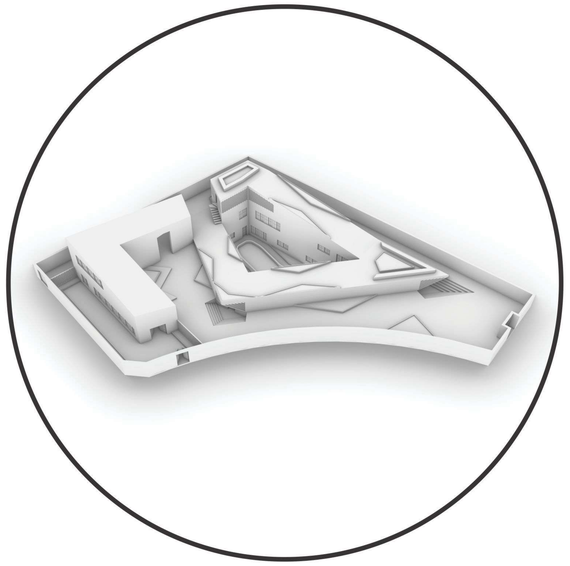
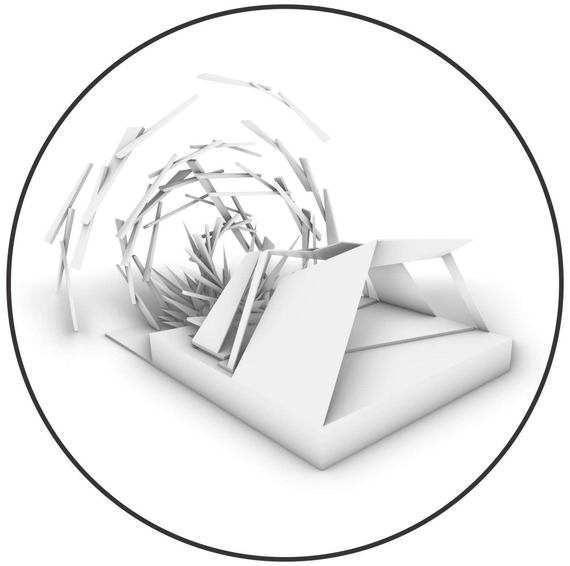


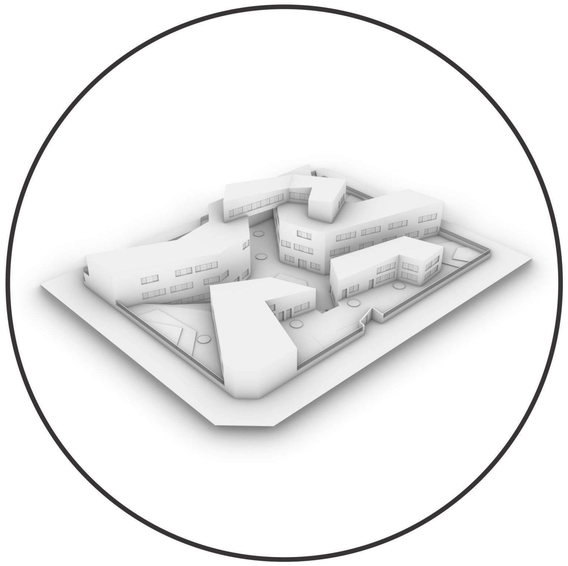
01.Family Cultural Complex



02.Three villas and a Coffee shop

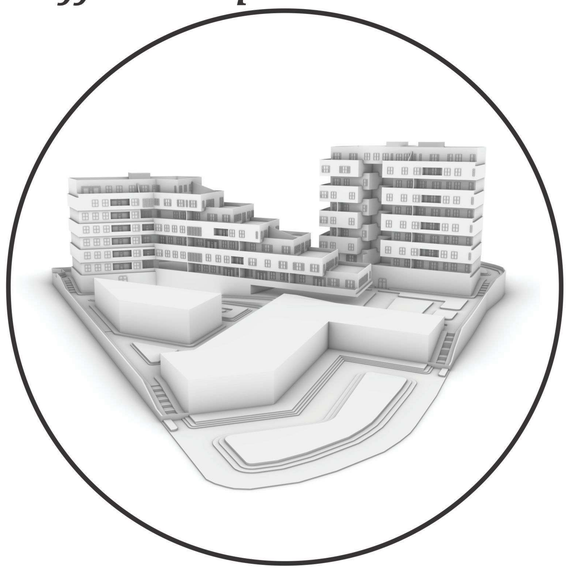


03.Interstellar Visual Art

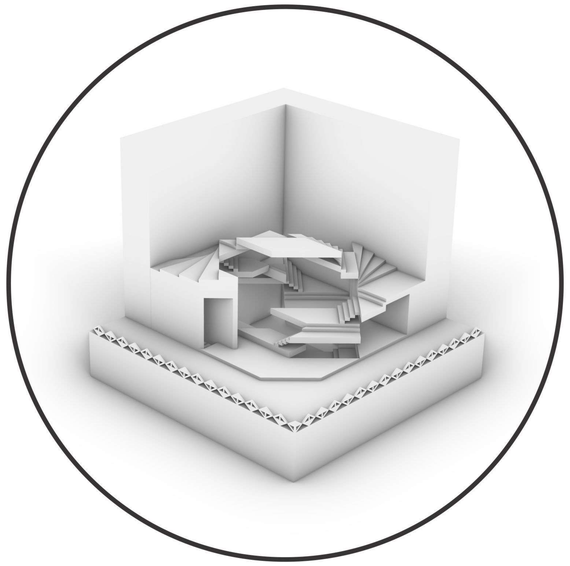


04.Dormitory

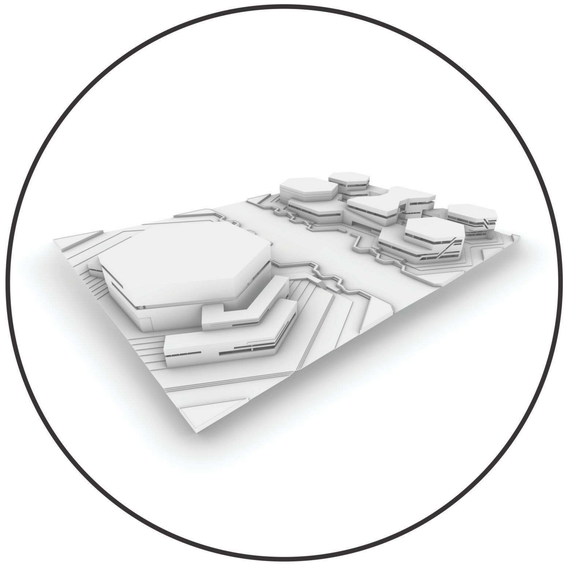
05.packing yourself



06.Residential Complex



07.Tehran turism information staition



08.Faculty of Physical Education

01

Designed By Zahra Moradi & Fatemeh Moradi
Advisor:Dr.Mohammad Ali Sheikholhokamaei

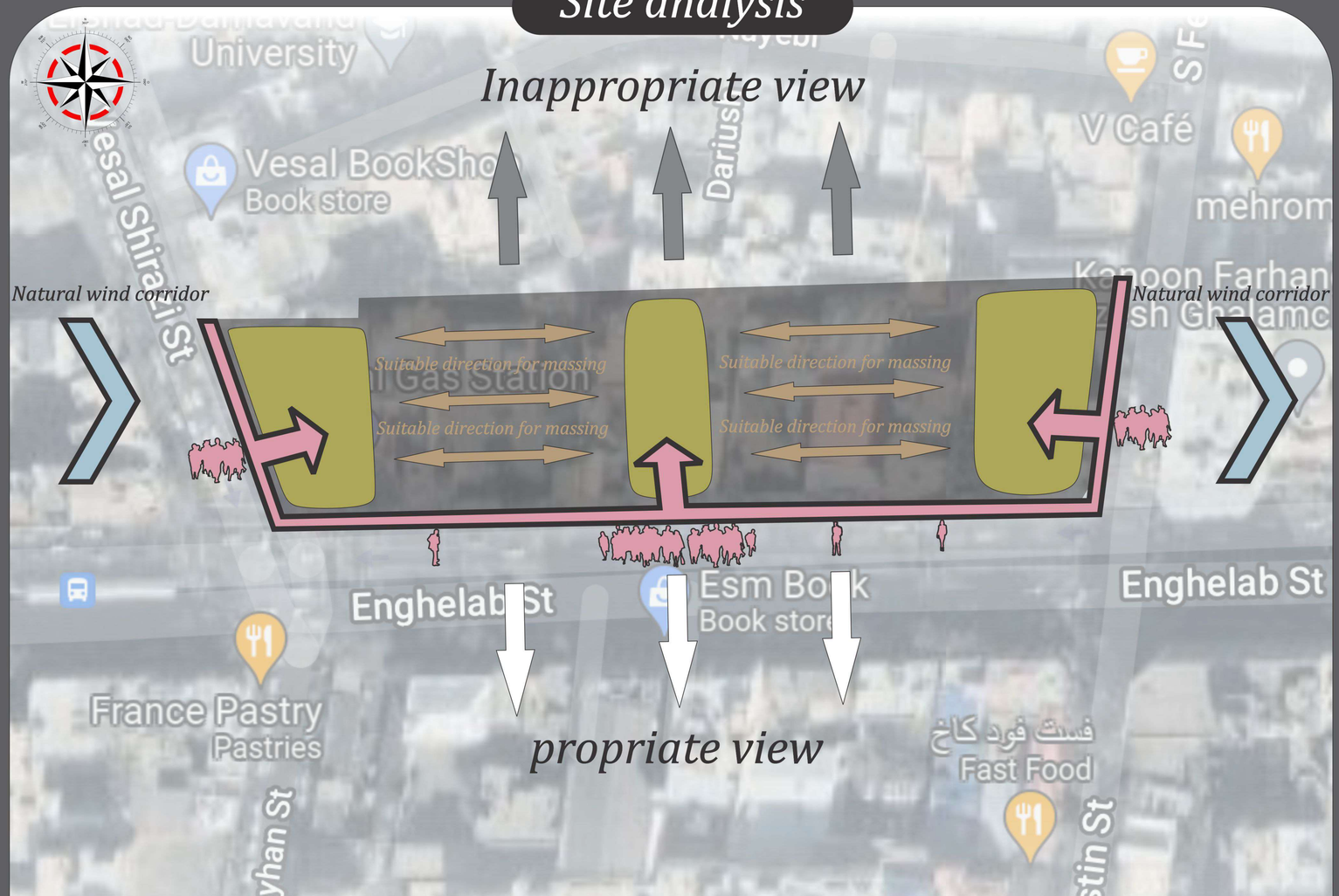
Designed: October 2021-Febrary 2022
Location: Adjacent to Enghelab St, Between Vesal Shirazi St and Felestin St, Tehran, Iran
Status: Bachelor Thesis
Site area: 10722.45 m^2
Building area: 11322.25 m^2

Family Cultural Complex

I remember as a teenager I was studying in one of the language schools in Tehran and the youth branch was in a crowded place away from the subway, so when my parents took my sister and me to class, they had to spend a lot of time waiting in the car until the class is over. The main problem was the waste of parents' time helping their children grow, which was common for many parents in Tehran.

As we know, human beings have many mental concerns in life, which double as worries and responsibilities after becoming a parent, and they must use each of their moments usefully. The designed collection allows parents to do this. So that they can progress with their children and move towards their goals and interests.

Site analysis

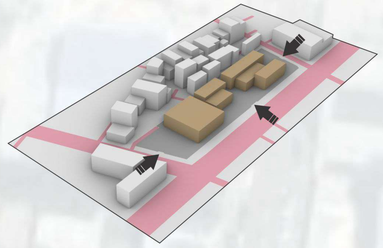


We decided to choose the center of the city for such an important complex that most people all over the city can use. Therefore, we chose a site that was located in the center of Tehran and adjacent to Enghelab St. Enghelab Street is the main artery of the cultural life of the city with a large number of bookstores, which is one of the most important features of the site.

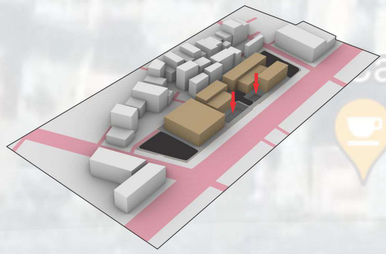
Due to the Extensive site which is surrounded on three sides by Vesal Shirazi St, Felestine St, and Enghelab St, we decided to create three entrances on three sides, followed by three main open spaces. One of the open spaces is located in the middle of the site where the main entrance of the building is located families can safely leave their children to the guards in the building located on the left and use the facilities of the buildings located on the right.

Also, due to tall buildings in the north of the site, we decided to face the main facade of the building toward the south, for having a better view, and make maximum use of southern light, and because of the natural wind corridor from the west to east, The main mass of the building is built in the east-west direction.

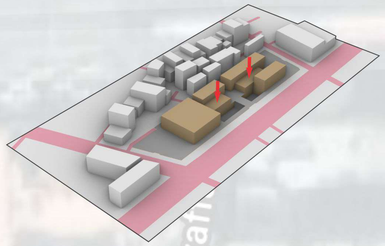
Design process



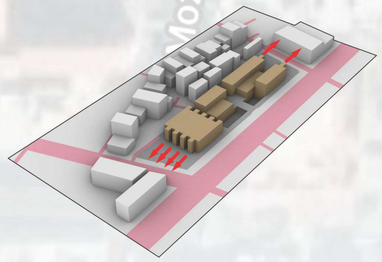
1. Due to the long length of the site, we decided to create two entrances on the left and right and one entrance in the middle of the site and then three yards.



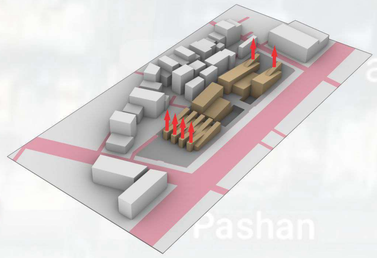
2. To create variety in the open area and have a yard on the other floors, we created two pits on the left and right of the middle entrance of the site.



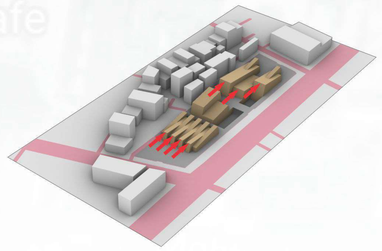
3. Lowering the middle volume of the site in order to better illuminate the masses.



4. Breaking the smooth surface of the walls in order to create spatial diversity in the yard.



5. Creating a wave on the roof by sloping it



6. Sloping the walls to harmonize the walls with the roof of the building and take the volume out of the hardness

The whole project at a glance

- Children's administrative department
- Waiting room
- Children's Craft class
- Children's English class
- kindergarten
- Children's Painting class
- Children's Photoghraghy class

- Children's Library
- Buffet
- Prayer room & Ablution room
- Children's administrative department
- Waiting room
- Ticket room
- Access to a Multifunctional stadium and ticket room

- Adult & Adolescent English class
- Adult Sewing class
- Permanent seasonal gallery

Part designed by Zahra Moradi

Designed area:5205.80 m^2

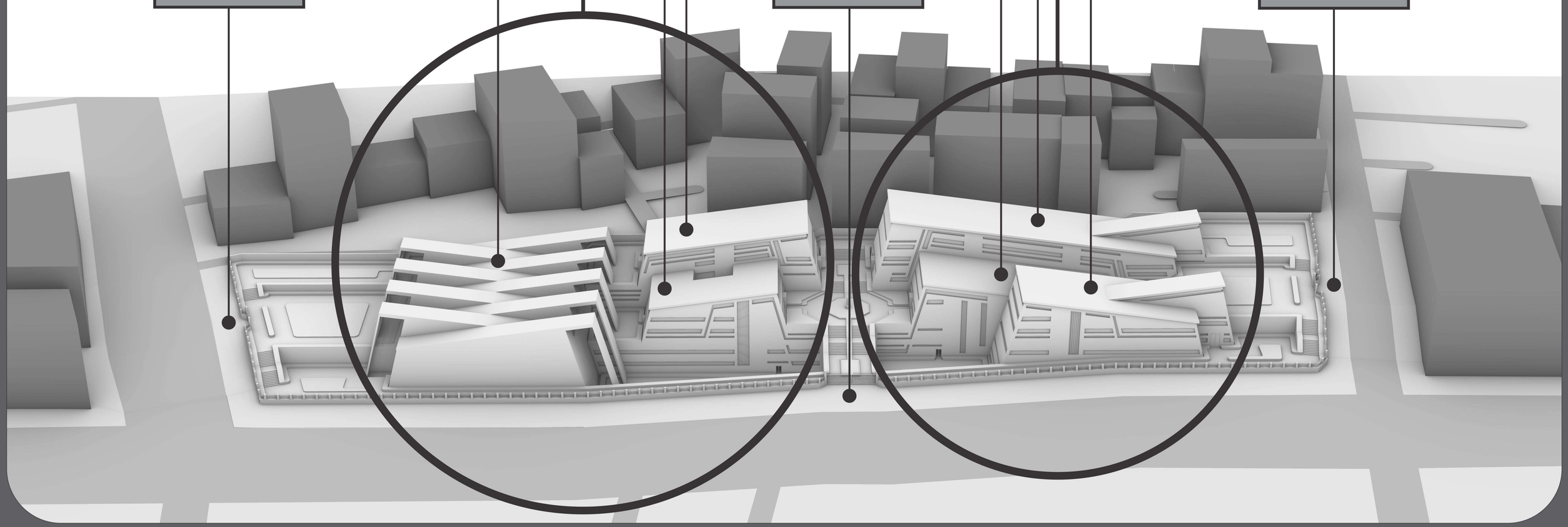
- Multifunctional stadium and ticket room

- Adult administrative department
- Cinema
- Computer site
- Adult Libarary

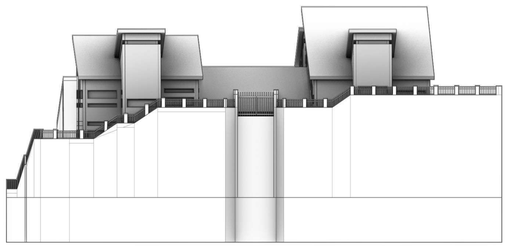
Part designed by Fatemeh Moradi

Designed area:6116.45 m^2

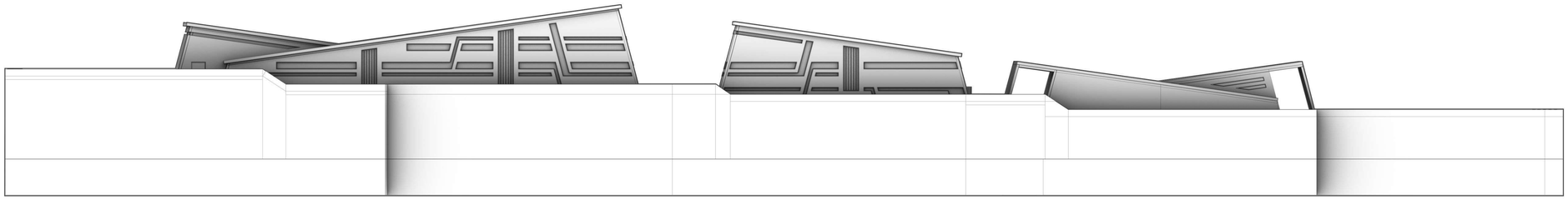
- Life skills classes
- Adult Craft class
- Adult Sewing class
- Adult Cooking class
- Adult Painting class
- Adult Photoghraghy class



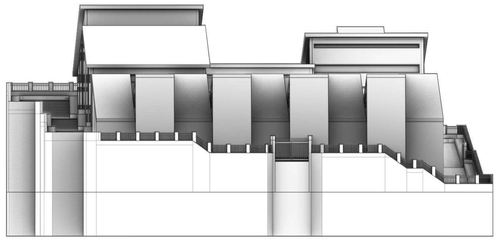
Elevations



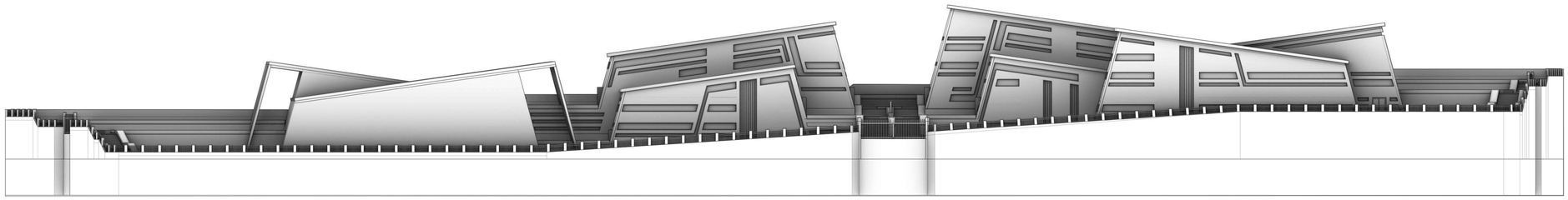
Right



Back

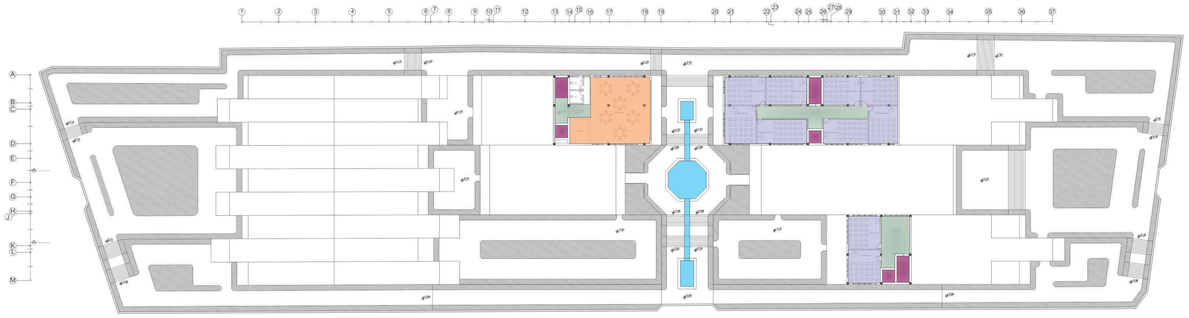


Left

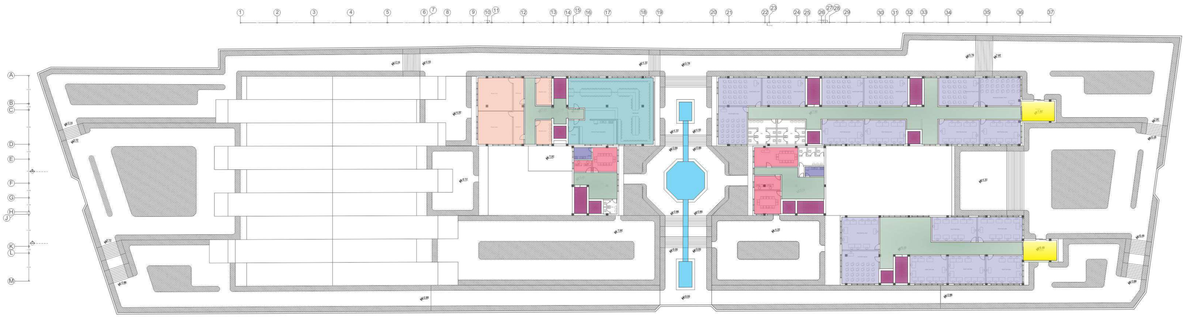


Front

Plans

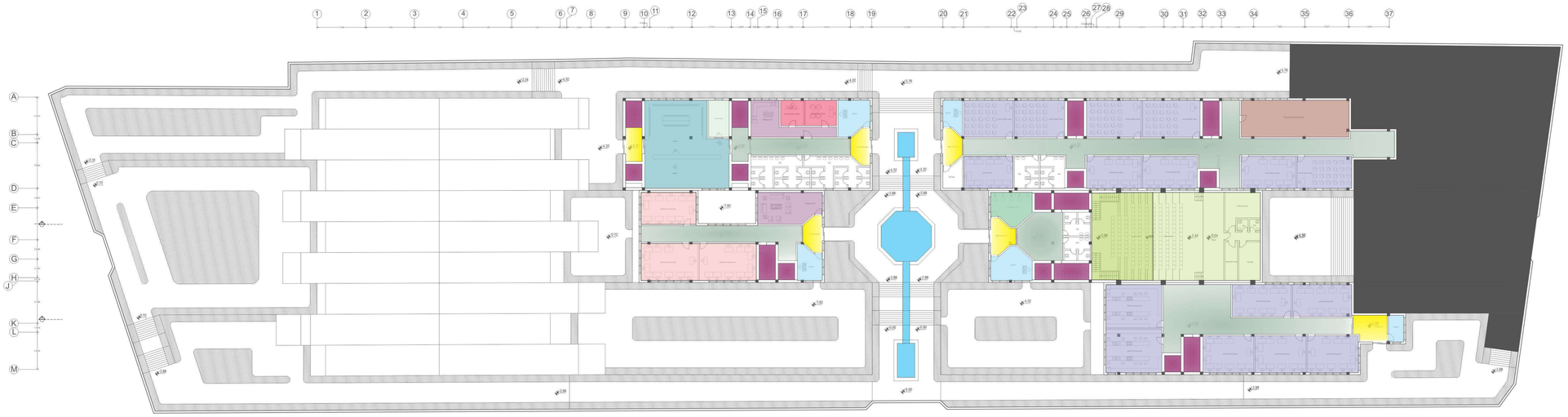


Second floor

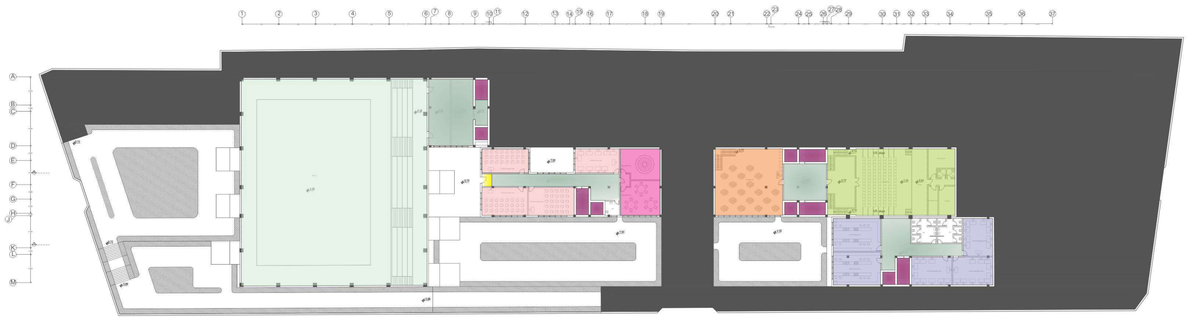


First floor

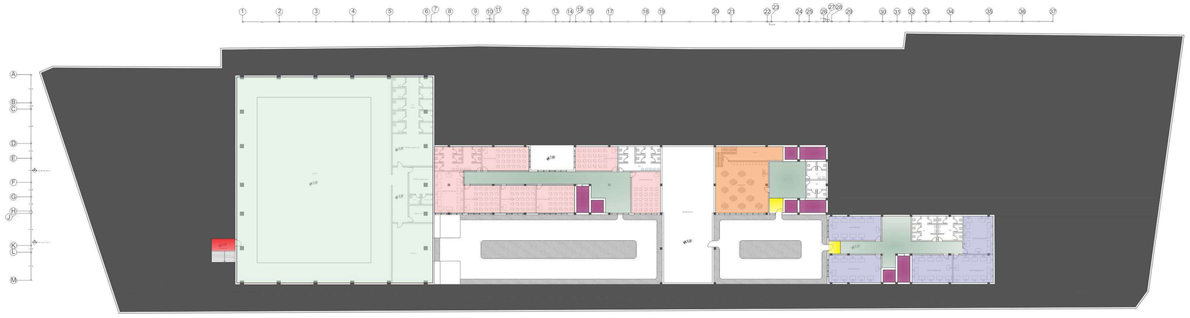
- *Entrance*
- *Emergency exit*
- *Elevator and stairs*
- *Fountain*
- *Corridors*
- *Guard*
- *Wating room*
- *Offic*
- *Adult & Adolescent classes*
- *children classes*
- *Permanent seasonal gallery*
- *Computer site*
- *Cinema*
- *Libarary*
- *Buffet*
- *Prayer room and Ablution room*
- *Pantry*
- *WC*
- *Multifunctional stadium and ticket room*
- *kindergarten*



ground floor



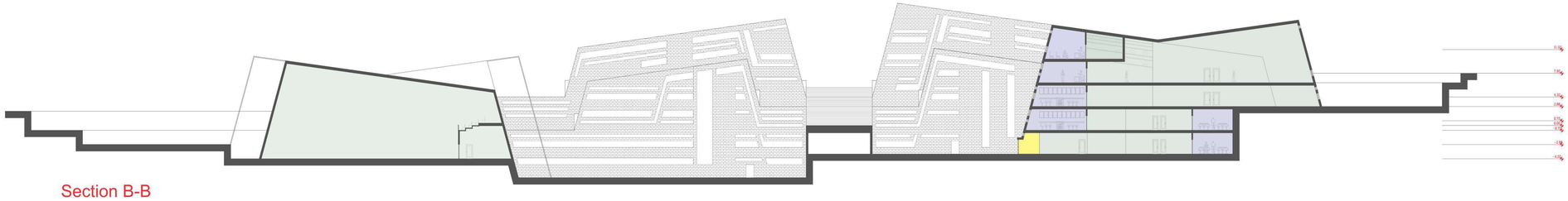
Under ground(-1)



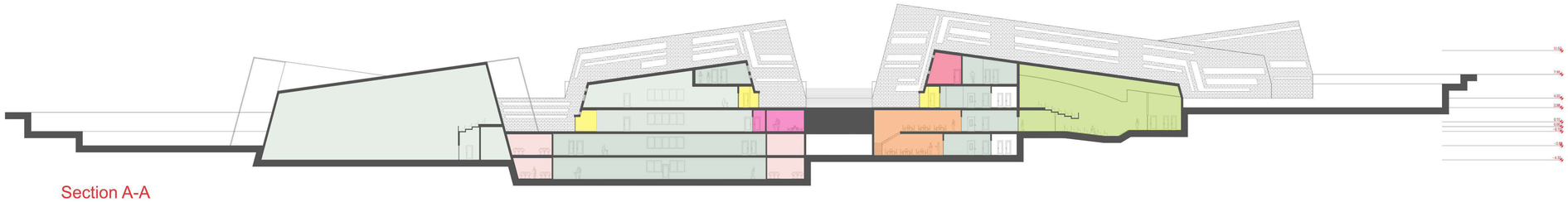
Under ground(-2)

Sections

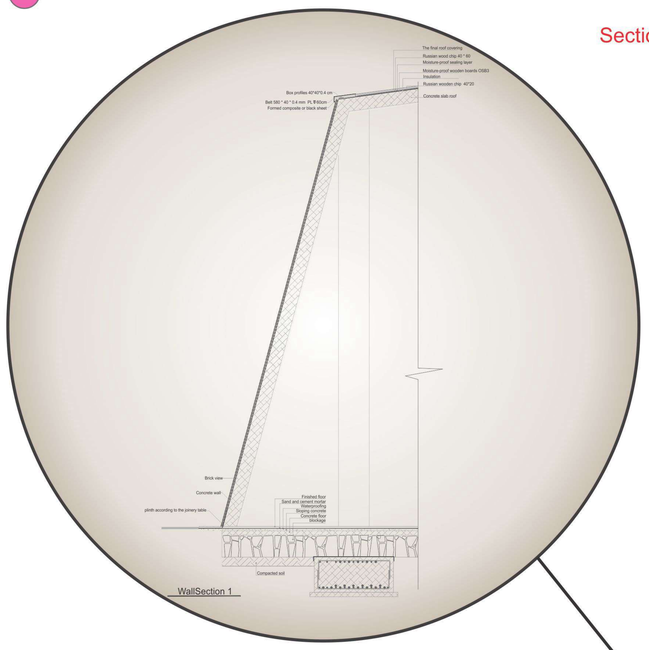
- Entrance
- Elevator and stairs
- Corridors
- Offic
- Adult & Adolescent classes
- children classes
- Cinema
- Libarary
- Pantry
- WC
- Multifunctional stadium and ticket room
- kindergarten



Section B-B

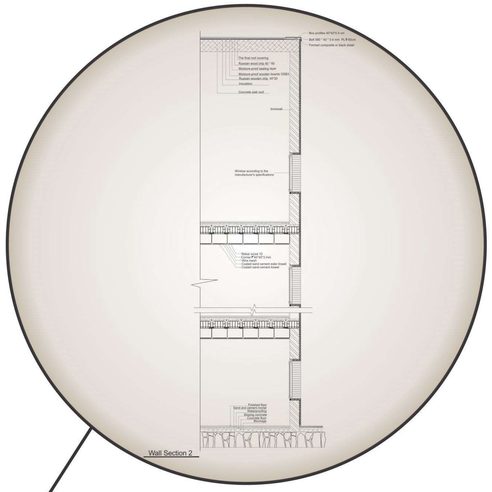


Section A-A



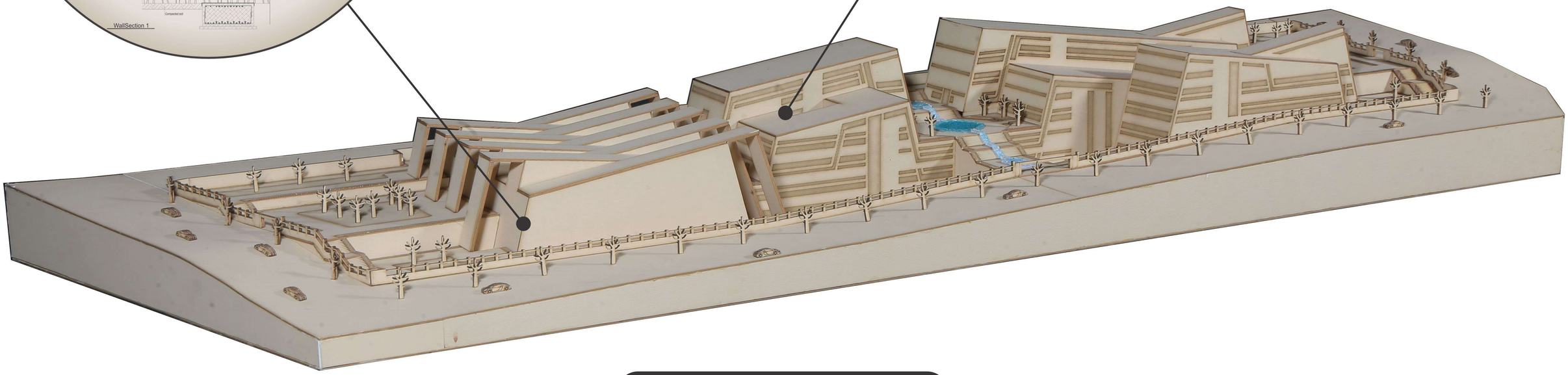
Wall section1:

Since compressive forces are applied to the sloping walls and concrete is a suitable material for compressive forces, it was decided that external sloping walls should be made of concrete.



Wall section2:

Since this wall is vertical and does not apply much compressive force like sloping walls, we decided that its material is made of brick.



Handmade Model

02

Designed By Zahra Moradi

Advisor:Dr.Mohammad Ali Sheikholhokamaei

Designed: march 2018-June 2018

Updaited:September 2021

Location: Around Felestin squre, Tehran, Iran

Status: Academic project

Site area: 1330.81 m^2

Building area: 836.09 m^2

Three villas and a Coffee shop

This project was my first experience in designing a plan and it had a lot of flaws in the plan, since I felt it was worth modifying it according to the new knowledge gained, I revised it in September 2021 but because of not have enough time to update the hand made model, it seems some differences between the 3D model and the handmade one, especially at the entrance of the villas unit.

It is designed for three families of relatives, so it includes three duplex unit and a number of common areas including: coffee shop, parking, bower, roofgarden, central courtyard.The coffee shop is intended as a source of income for all three families.