LAST UPDATE 2023

PORTFOLIO
DESIGN

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DESIGN

Prepared By -

تیم تخصصی کانون معماران و شهرسازان

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تیم تخصصی کانون معماران و شهرسازان


2022
PORTFOLIO
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SEPIDEH BAYAT


01.
Location
02.
Concept
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PORTFOLIO
PAGE 11

04

CINEMA COMPLEX

Orientation of cinema complex

1-Rasht Municipality

Hotel Iran

4-Post Office

3-Cultural and sports Organization

5-Sabzeh Meydan Park

6-Other Type of Buildings

Introduction of the project context

Cinema complex

The Municipality square, which is located almost in the center of Rasht, was one of the first origins of the city. The complex of office and commercial buildings of Rasht's Municipality Square, were built in the early Pahlavi period with the aim of centralizing the administrative and commercial sectors and using European architectural and urban planning elements. Combined with Iranian architectur. The historic buildings located around the center, are demonstrated on the map.

02

WOODEN SCHOOL WITH SIX CLASSROOMS

Academic project
Team members: Parisa Sami Khaftani, Sommayeh Mostafapour
Location: Masal, Guilan province, Iran
2018

The aim of this project is designing a 6-classroom primary school that serves the local community. The site plan is located in the town of Masal in Guilan Province in Iran. Masal town is like a strip between the Alborz Mountains and the Caspian Sea, surrounded by forests and lowlands. Therefore, Humidity and the low temperature are the main features of the local climate.
The design process is considered according to Climatic analysis and the geography of the region. Adjacency to the neighboring forest and woodlands makes the wood as the dominant and local construction material.
Wood, as a local material is used in the structure of the building as well as the framework and other components. This makes the building in harmony with the surrounding natural environment.

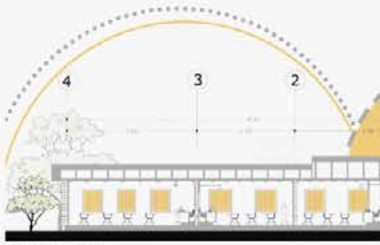
▲ Enterance of School

▲ Ground Floor Plan

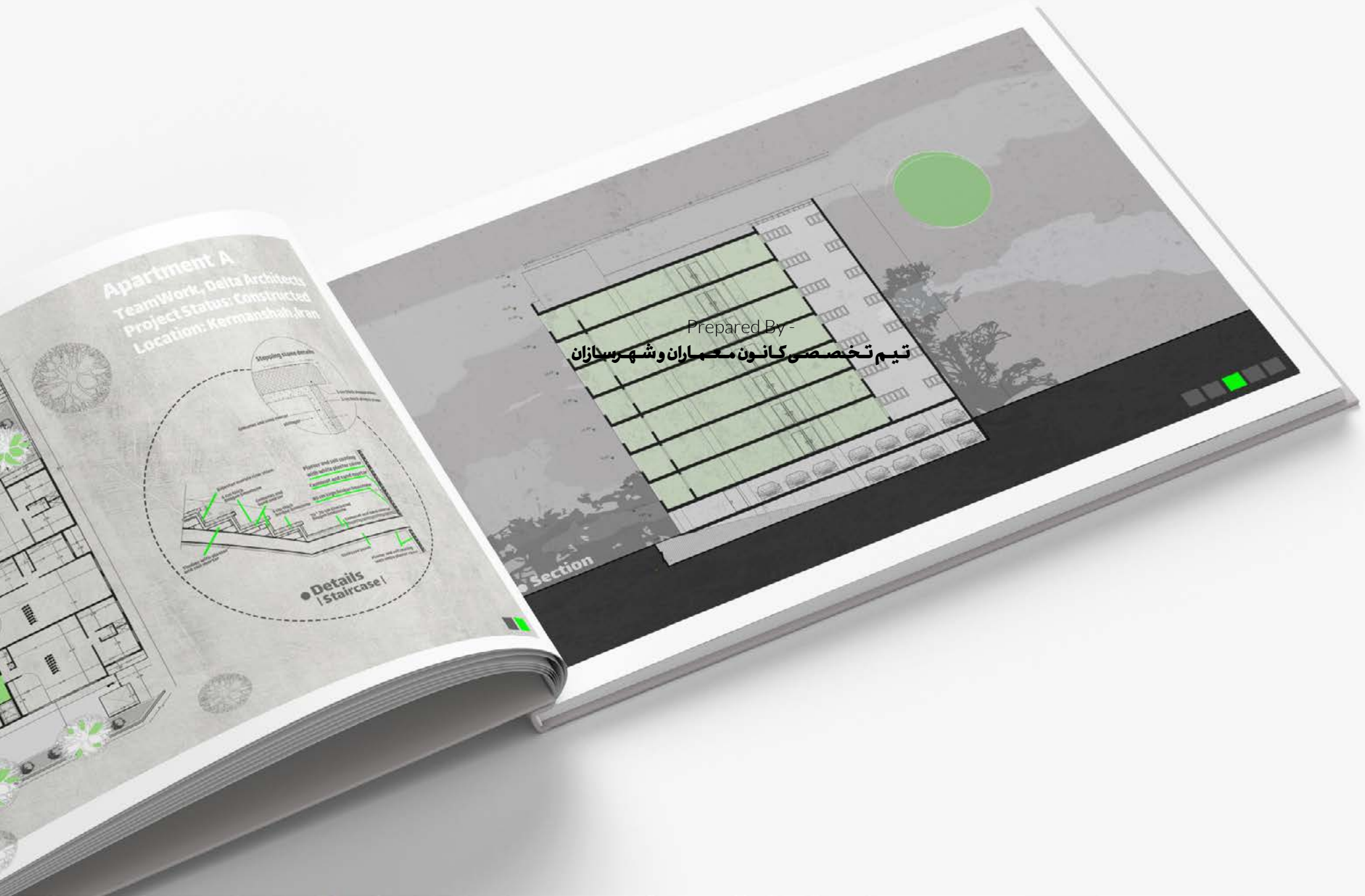
Space Configuration

The building is located above the ground level to pre
moisture. The airflow in the space between the floor
moisture to evaporate and allows the floor to stay dry a
Other than climate, considering the simple appearance
been the determining factor in choosing the materials an
Simplicity, avoidance of luxury and redundant decoratio
tural characteristic of this region.

1- Entrance
2- Classroom
3- Office
4- Kitchen
5- WC



▲ A-A Section


Apartment A
TeamWork, Delta Architects
Project Status: Constructed
Location: Kermanshah,Iran
Details
Staircase
Section
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Building volume

Ground Floor Plan

Secend Floor Plan

invastigation and analysis of wind effect.
We have anniyzed the effect of wind on the volume in comparison with the simple volume of a simple rectangular cube: the wind can mainly intensify and cause three phenomena: 1) creating a critical point in the corners 2) creating a positive pressure in the sides 3) The creation of negative pressure, such as the chaotic movement of air with tension on one side and withdrawal (suction) on the other side occurs in places where the wind is blowing behind the building.

Failure to comply with these factors, which include aerodynamic factors and analytical analysis, greatly increases the construction cost and energy of the building and affects the stability, resistance, and various dimensions of the building. First, because the tower is curved and does not have a corner point, it weakens the vortex and therefore a critical point is not formed, secondly, regarding the positive pressure, because it is rotating at an angle towards the sky, it gently throws the wind into the air in every direction and passes and the third thing regarding the negative pressure, because the tower rotates approximately every 3 meters, the other floors compensate for this wind passage one after the other, and the effect of the negative pressure reaches the lowest level. Since the atmosphere around the tower is very important, this factor is very effective in making the surrounding atmosphere favorable and improving the effects. that is, the wind just touches and goes.

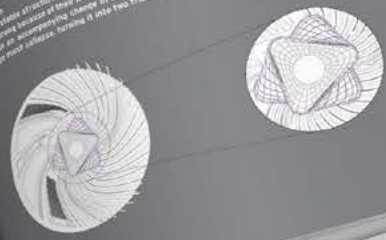
Since the rotation of the project is in a place with beautiful scenery around it, we came to make maximum use of this potential in the design process.

Rotating the corners to intersect in the middle and reducing the surface

The rotation of the plan in the floors makes each floor to have its own unique character, so that the views of the floor are not similar

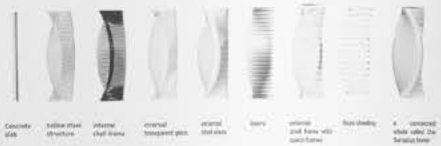
The final covering of the structure is all glass to have the least harmful effect on the surrounding natural environment

Structural review
Triangles are more stable structure than a square
Triangles are strong because of their inherent structural characteristics. The corner angles of a triangle cannot change without an accompanying change in the length of the edge. Therefore, in order to change a triangle's shape, energy must collapse, turning it into two triangles and making it stronger



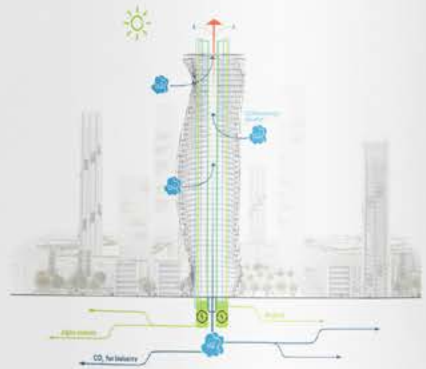
Site Plan

PROJECT 2



The unique issue of the form of the shell of this tower is a manifestation of a matured behavior, so that when we stand in front of one side of it, we see 2 boundary height lines of the tower, one as a curve and the other as a straight line, but with a change From another angle, we realize that the straight line is the curved line in the other direction, and in the same way, the design of this tower keeps the [illegible]

PROJECT DIAGRAM



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PROJECT 5

MY-UFO

The My-UFO is a functional sculpture(gadget) that catches everyone's attention when it is on and of at the same time. The fluid and dynamic form of this product is derived from the simulation of the planet Saturn and also has its roots in the past, so that so far this kind of feeling of dependance on an object of inanimate objects. In other words, it can be said that it is a form of tomorrow.

Gadget name is "My-UFO" which tries to express the balance between originality and inauthenticity, between natural and artificial, between smoothness and roughness and between stagnation and dynamism...
The entire system of this gadget is based on the cycle of clean energy, so that in each of our elliptical circuit panels, there are small solar cells and they are the power supply of our product.

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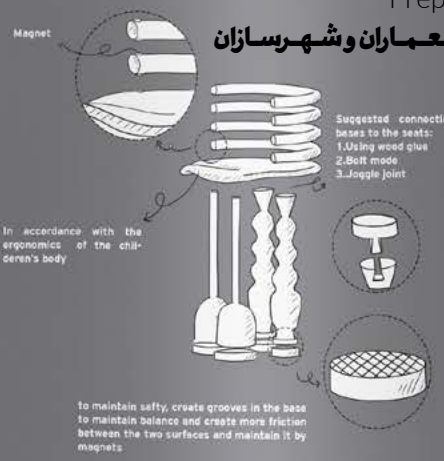
PROJECT 6

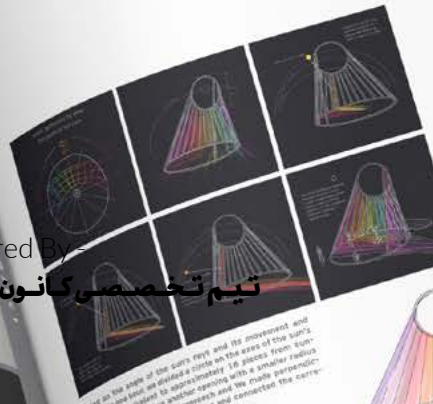
The idea stemmed from the children's desire to make abstractions of special human shapes with pieces of wood and utensils. With its components, individuals can get closer to themselves and better understand themselves, and eventually get closer to a human being who can communicate with them, rather than just a piece of dry wood.



CHAIR COMPONENTS

The chairs have been created to be ergonomics and comfort in mind. The round backrest guarantees that the user's backrests are comfortable. The reclining angle of the char is ideal for a relaxing position. Armrests allow the user to comfortably rest their arms while not obstructing their overall form. The enactive Chair's seat height and sitting position can be made to accommodate children of various body shapes.

PROJECT 9



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2023 — 2024

06.
Clothing design

I am proud to say that i have designed, handmade, and sewn all of my clothing designs myself. My clothing designs for young women are inspired by the beauty of everyday life and the lightness of airy colors. I believe that fashion should reflect the essence of everyday life, and my designs are intended to capture this in a wearable and practical way. I am drawn to the soft, pastel, and light, ethereal shades that evoke a sense of peace and tranquility, and I incorporate these colors into my designs to create clothes that are both visually stunning and uplifting.

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3D South View Of Building

Your Heading Here

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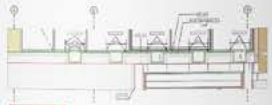
Slope roof details



FB3-Section

Mehran Azharianfar

N

Ground Floor Plan

17.TV Room
18.TV Room Trrace
19.Souna
20.Dry Souna
21.Souna Trrace
22.Pool
23.Pool Closet
24.Pool WC
25.Pool Bath
26.Corridor


The importance of green architecture in residential complex design
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THE DESIGN FITS THE PERSONALITY


ABOUT CONCEPT
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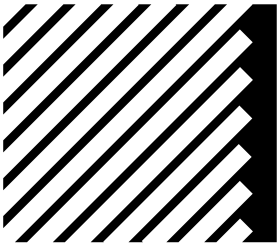

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