

Architect Portfolio

*Blue
Sky
Line*

*Mohammadponya
Salmanian
2014-2023*

ARCHITECT PORTFOLIO



B.Arch 2011-2015

Subject of Thesis:

Hospital design in approach of environmental psychology

M.Arch 2016-2019

Subject of thesis:

The role of guilds in advancing the goals of sustainable development (Mahdishahr Guilds industrial complex)

SELECTED SOFTWARE PACKAGE



Advanced using AutoCAD to extend 2D Drawing plans and 3D Modeling



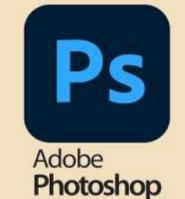
Using Revit to model buildings and structures to prepare 3D and 2D models



Taking advantage of Google SketchUp to use fastest way in modeling



Software of highspeed rendering photos and animations to present the job in best and fastest way



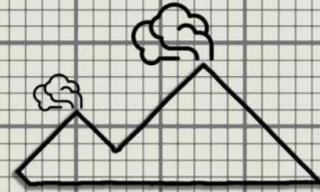
Best software for postproduction and editing the posters and the whole elements of presentation



Familiar with Rhino in case of advanced geometric models for better performance in 3D modeling



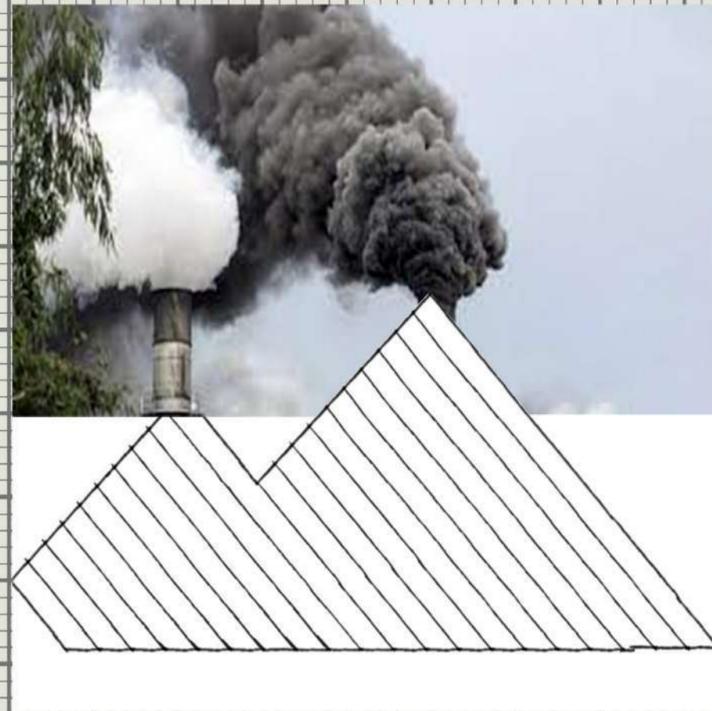
Industrial Guilds Complex
Mahdishahr - Semnan - Iran
2015



Guilds Complex

Like the bee, we need to make our industry our amusement

City & Guilds offers a wide range of qualifications in Manufacturing Industry, including Introductory, Higher Level and apprenticeship options. "We need to develop a new green industrial revolution that develops the new technologies that can confront and overcome the challenge of climate change; and that above all can show us not that we can avoid changing our behaviour but we can change it in a way that is environmentally sustainable."



Positioning Analysis

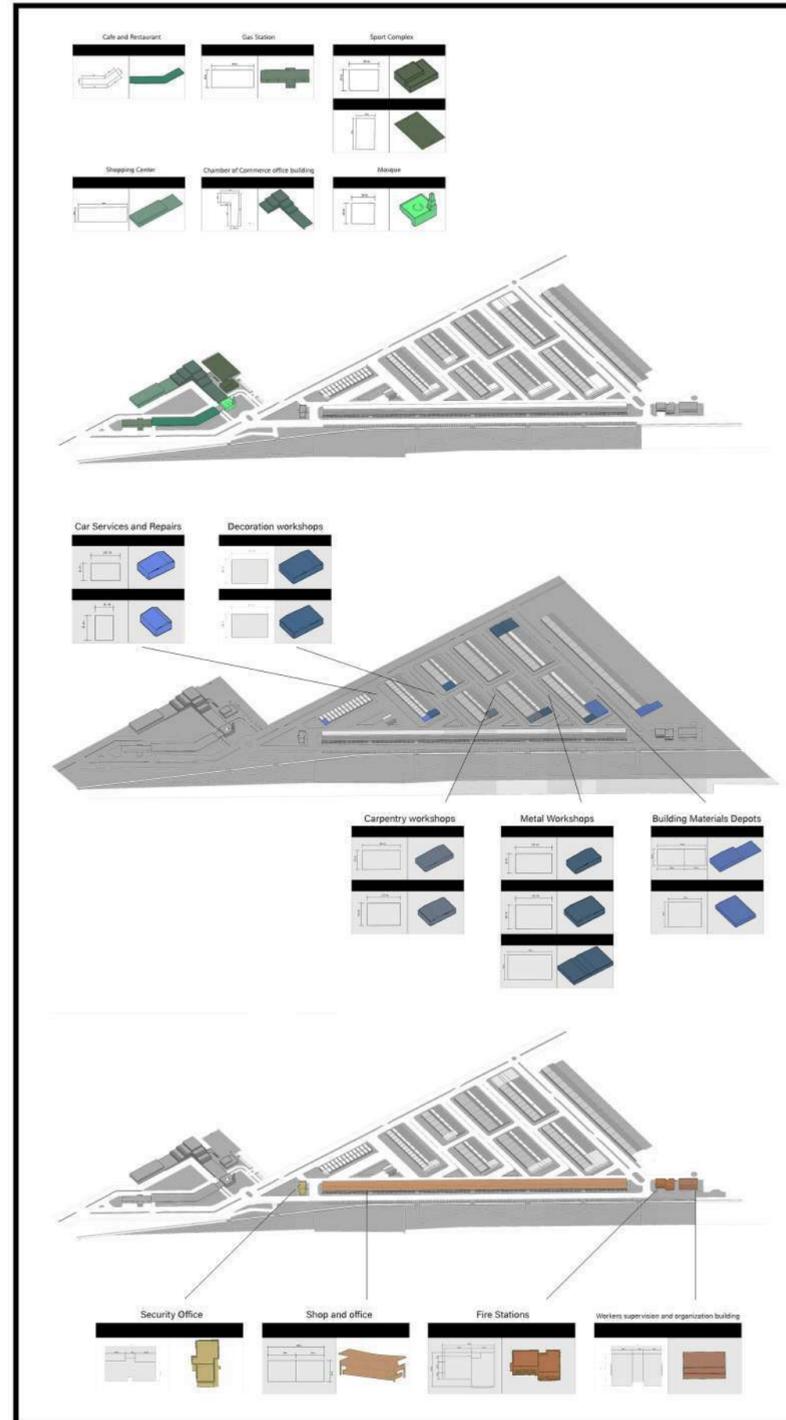
An industrial zone usually needs more than industry, access roads, rest areas, administration buildings and many more factors are affecting on success of this kind of projects. Actually they may need more support than other working places, because of pressure of their job, so one of the most important aspect that was considered in this complex, was the facilities that could be supporting enough. Thereupon over twenty percent of (whole area beside of designed access roads) has allocated for services and facilities. Generally three main sections has assigned for better performance as much as the geographical conditions let us to place the buildings.

These three sections includes:

- Administrative area
- Industrial area
- Service area

These three parts are separated, the industrial environments have the least effect on the surrounding environment and other uses. This action was taken for this decision so that we can ensure the health of the environment and other buildings have the highest efficiency

05



Site Analysis

The architectural site analysis process will look at issues such as transit lines, surrounding elements, loop broadways, green spaces and building positioning. The analysis also represents the separated components to display the neighborhood for further changes and future developments. It could contain some parts of roads, designations, changing cultural patterns, or other significant building developments within the area.

A contextual analysis is a research activity that looks at the existing conditions of a project site, along with any imminent or potential future conditions. The purpose is to inform us about a site prior to the start of our design process so that our initial design thinking about a site can incorporate considered responses to the external conditions.

Understanding the context of a site is key to enabling the people to weave the new design in with the existing fabric of the site. It allows us to understand the existing opportunities, or problems in a site, and make informed decisions on how to respond to our findings.

Context of the buildings development

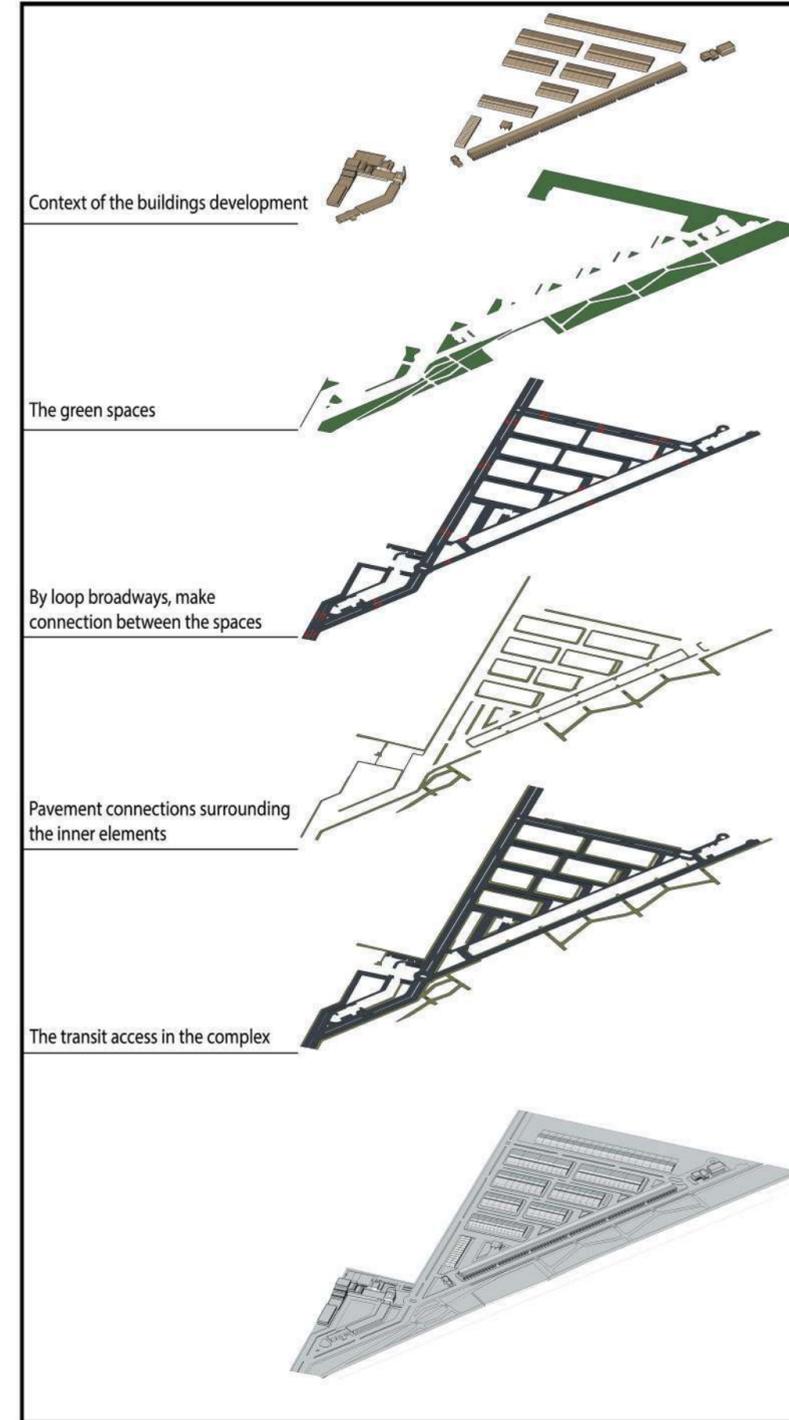
The green spaces

By loop broadways, make connection between the spaces

Pavement connections surrounding the inner elements

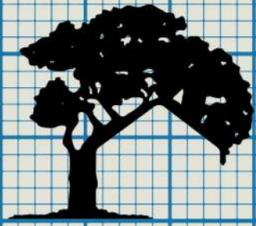
The transit access in the complex

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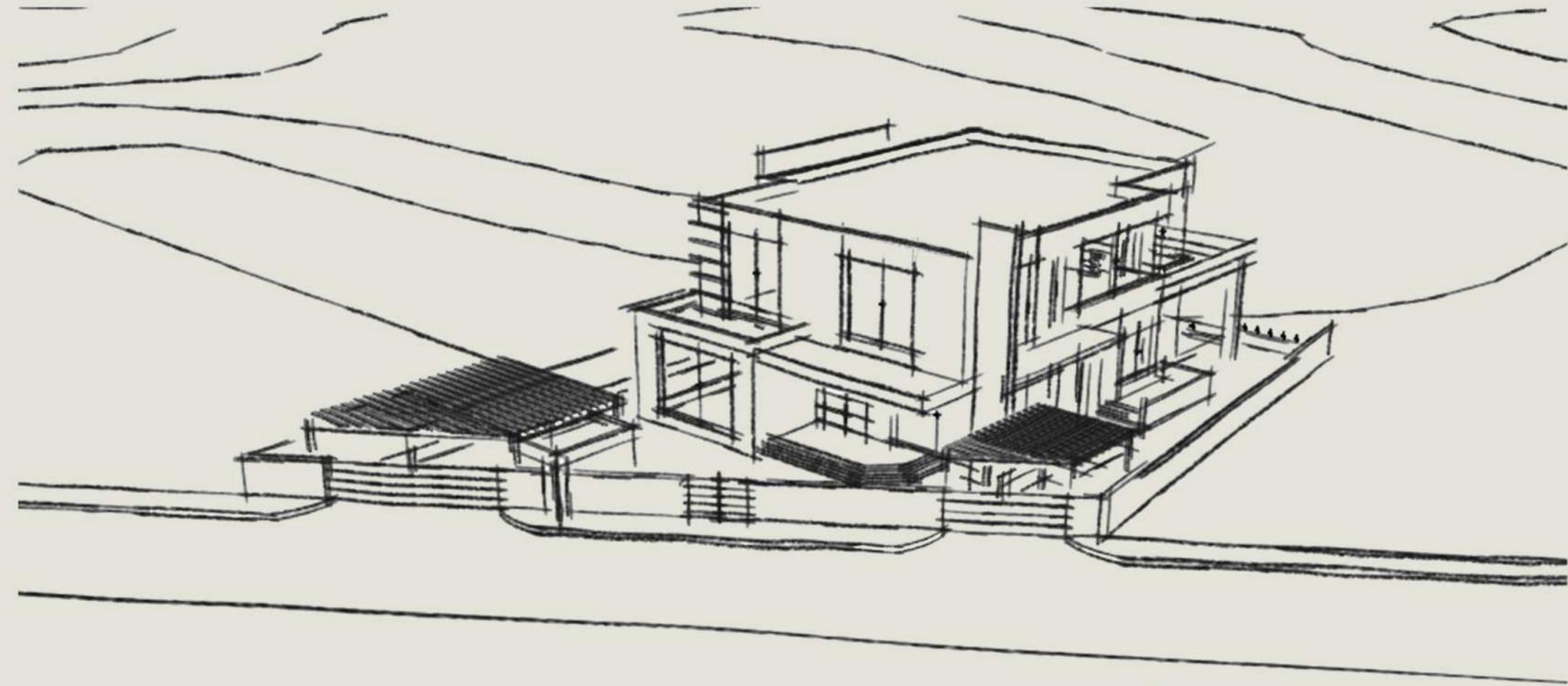
Vahdat North Villa
Rasht - Iran
2016



Vahdat Family Home Villa

A walk in jungle, walks the soul back home

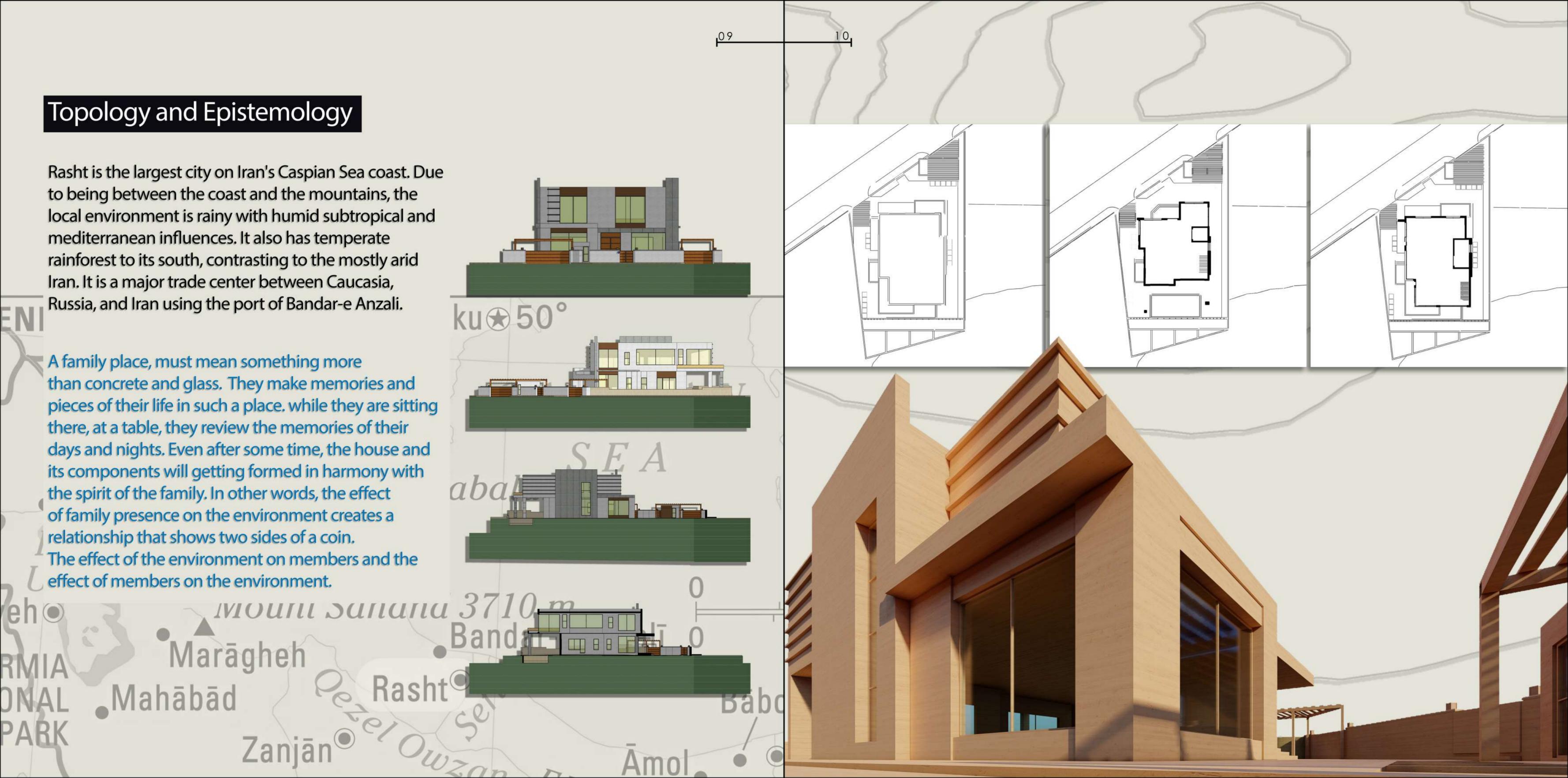
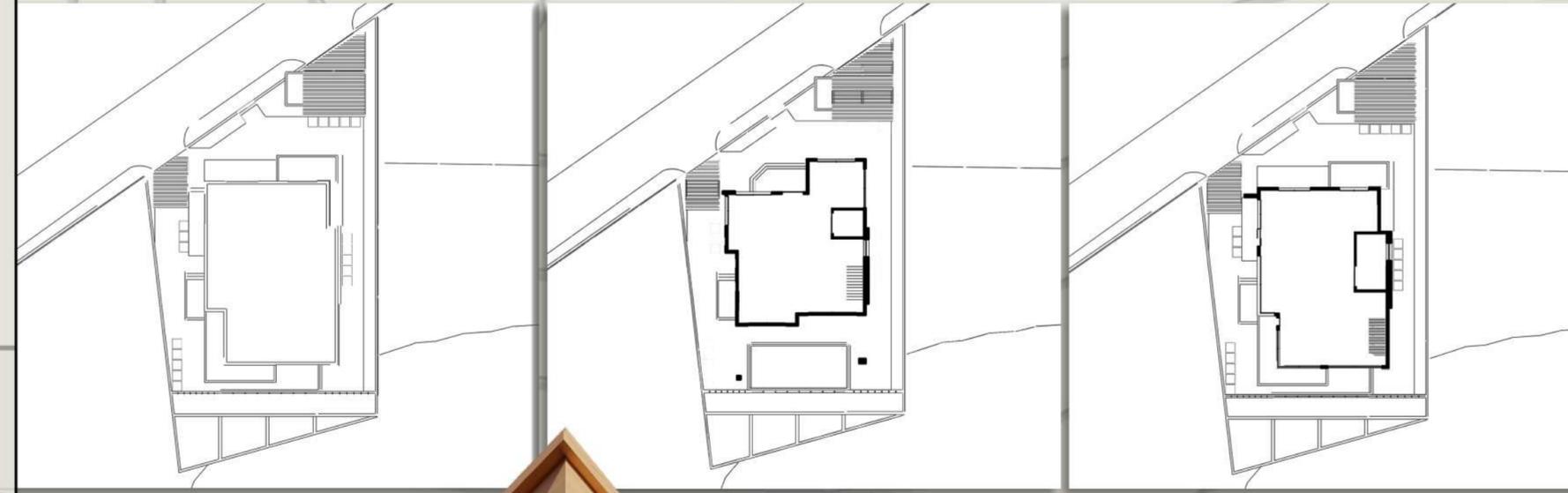
Home is the starting place of love, hope and dreams. The magic thing about a home, is that it feels good to leave, and it feels even better to come back. Home is where love resides, memories are created, friends always belong, and laughter never ends. A house is made of bricks and beams. A home is made of hopes and dreams. Home is where our story begins...



Topology and Epistemology

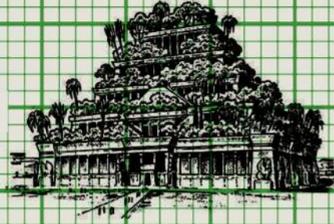
Rasht is the largest city on Iran's Caspian Sea coast. Due to being between the coast and the mountains, the local environment is rainy with humid subtropical and mediterranean influences. It also has temperate rainforest to its south, contrasting to the mostly arid Iran. It is a major trade center between Caucasia, Russia, and Iran using the port of Bandar-e Anzali.

A family place, must mean something more than concrete and glass. They make memories and pieces of their life in such a place. While they are sitting there, at a table, they review the memories of their days and nights. Even after some time, the house and its components will get formed in harmony with the spirit of the family. In other words, the effect of family presence on the environment creates a relationship that shows two sides of a coin. The effect of the environment on members and the effect of members on the environment.





Municipal Apartments
Darband - Mahdishahr - Iran
2017



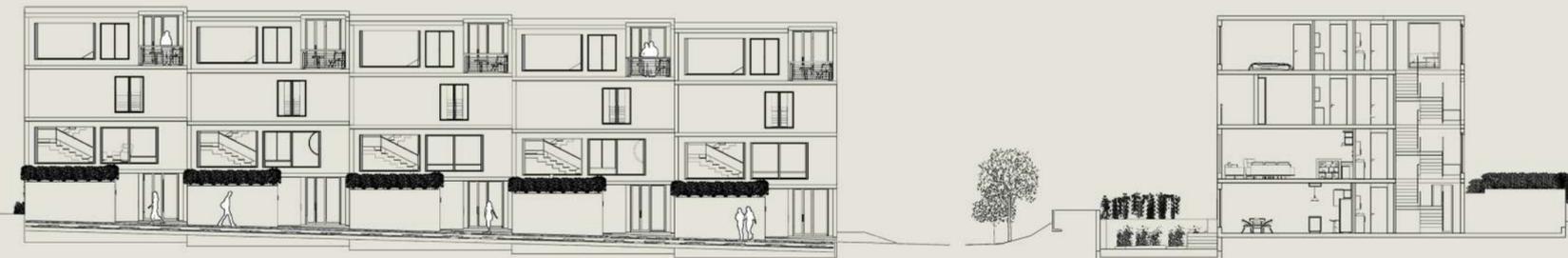
Dissolution of Gardens Soul in Apartment

Hanging Gardens of Babylon - A Gift for A Homesick Wife

It is narrated in history that, the hanging gardens were built to cheer up Amyitis, Nebuchadnezzar's homesick wife. She was daughter of the king of the Medes, who married to Nebuchadnezzar, the king of Babylon to create an alliance between the two nations. The land she came from, though, was green, rugged and mountainous, and she found the flat, sun-baked terrain of Mesopotamia depressing. The king decided to relieve her depression by recreating her homeland through the building of an artificial mountain with rooftop gardens.



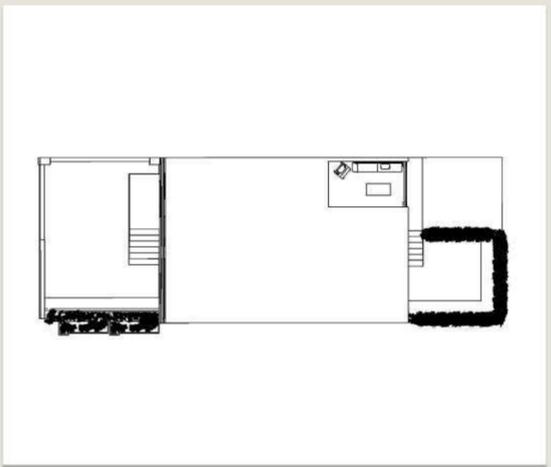
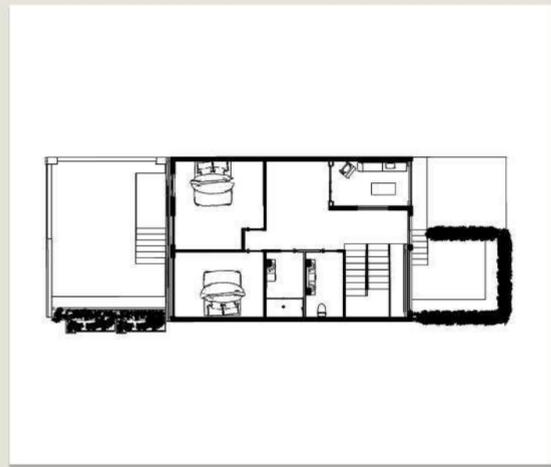
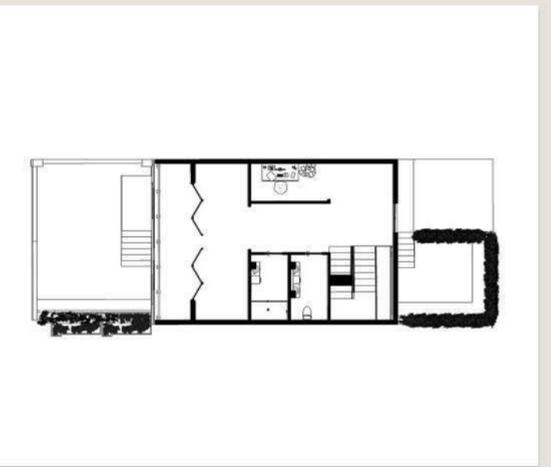
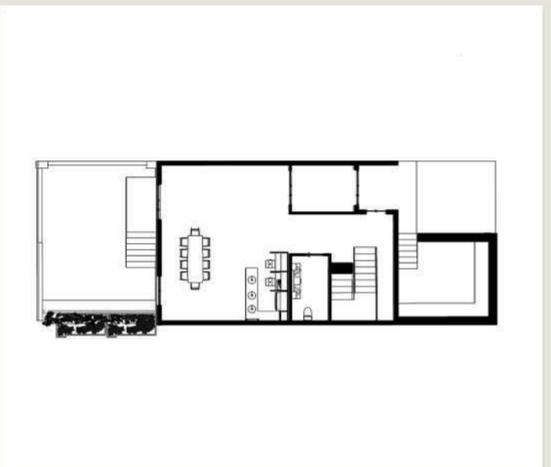
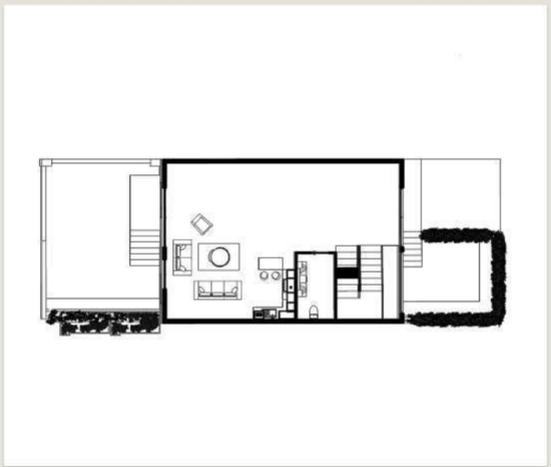
The most important concern in design process, was to make buildings to be as a part of its environment. It is a fundamental issue that nature and building are compatible with each other. **The mountain nature, which was reminiscent of the Median princess house before moving to Babylonian king's palace, should have been fully displayed to remind the intention of buildings and hanging gardens.**





The neighborhood that was proposed for the construction of this complex by the municipality of this city is called Darband. Its mild and mountainous climate, which is covered with cold-weather plants, provided a pleasant climate. It was the first point of contact that reminded me of the story of the residence of Princess Amitis and her migration to Babylon, and the legends of the construction of green hanging towers to comfort her. It was the mountainous lands of the Medes.

So the first studies of the design for building was considering the mountainous nature of the area; stepped design in order to make maximum use of the slope on the site; was considered to prevent any fundamental changes in the nature of the region. For this reason, the design was carried out in such a way that these buildings are a part of their surrounding environment and not unnecessary elements that harm the gentle spirit of nature and the Median queen.



13

14



Mohammadpouya

Salmanian

Born on march 1992, in Tehran-Iran. I started my job in architecture, by bachelor of architecture on september 2011. It was such an evolvment to find the path, that led me to bring figment to the reality. During this four years, I had the opportuinity to proove my competency by focusing on learing wide range of architectural software as the most efficient tool that could portray his ideas to others. In the meantime, promoting to assitance of the arhitecture dean in my second year, raise an opportunity to train softwares to my fellows and improve my capabilities during bachelor education.

After graduating in 2015, university accepted me without university entrance exam to continue my studies in master of architecture. During all these years, architecture was the most valuable treasure in my career.

“In writen history of mankind, architecture has always been one of the most meaningful ways, that could bring mos presious values for societies.”