

## Fields & Sectors:

### Architecture

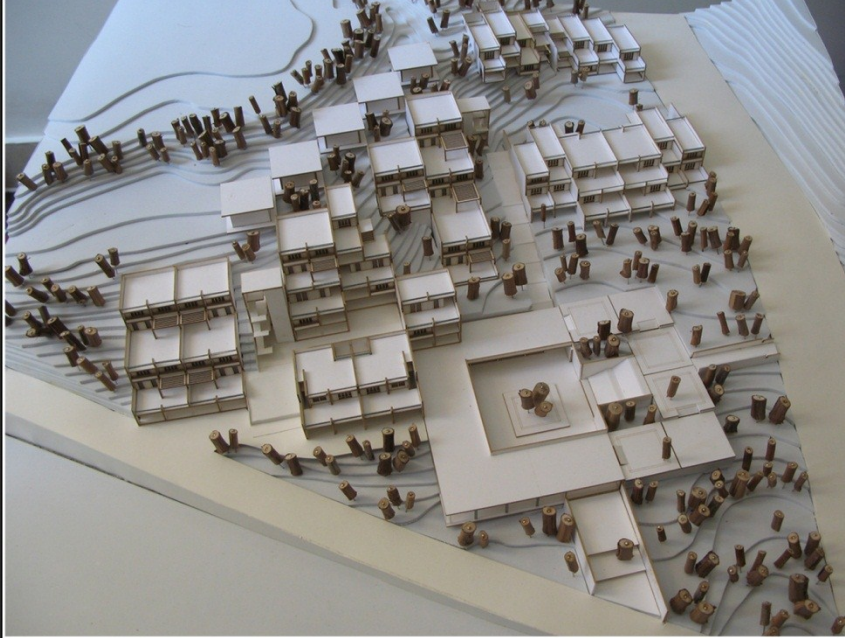
- Commercial
- Educational
- High-Rise
- Hospitality
- Industrial
- Residential

### Interiors

### Landscape Architecture

### Planning

- Comprehensive Plans
- Land Development
- Land-Use Planning
- Master Plans
- Public Outreach
- Resort Master Plans
- Urban Design
- Urban Planning



# Architecture Portfolio

Jamal Arjmand

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Email [arjmand.jamal@gmail.com](mailto:arjmand.jamal@gmail.com)



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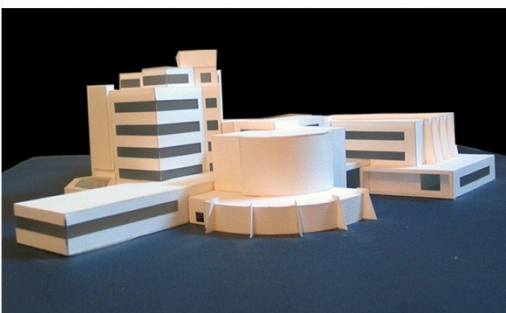
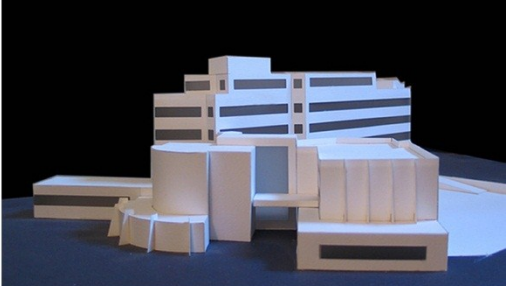
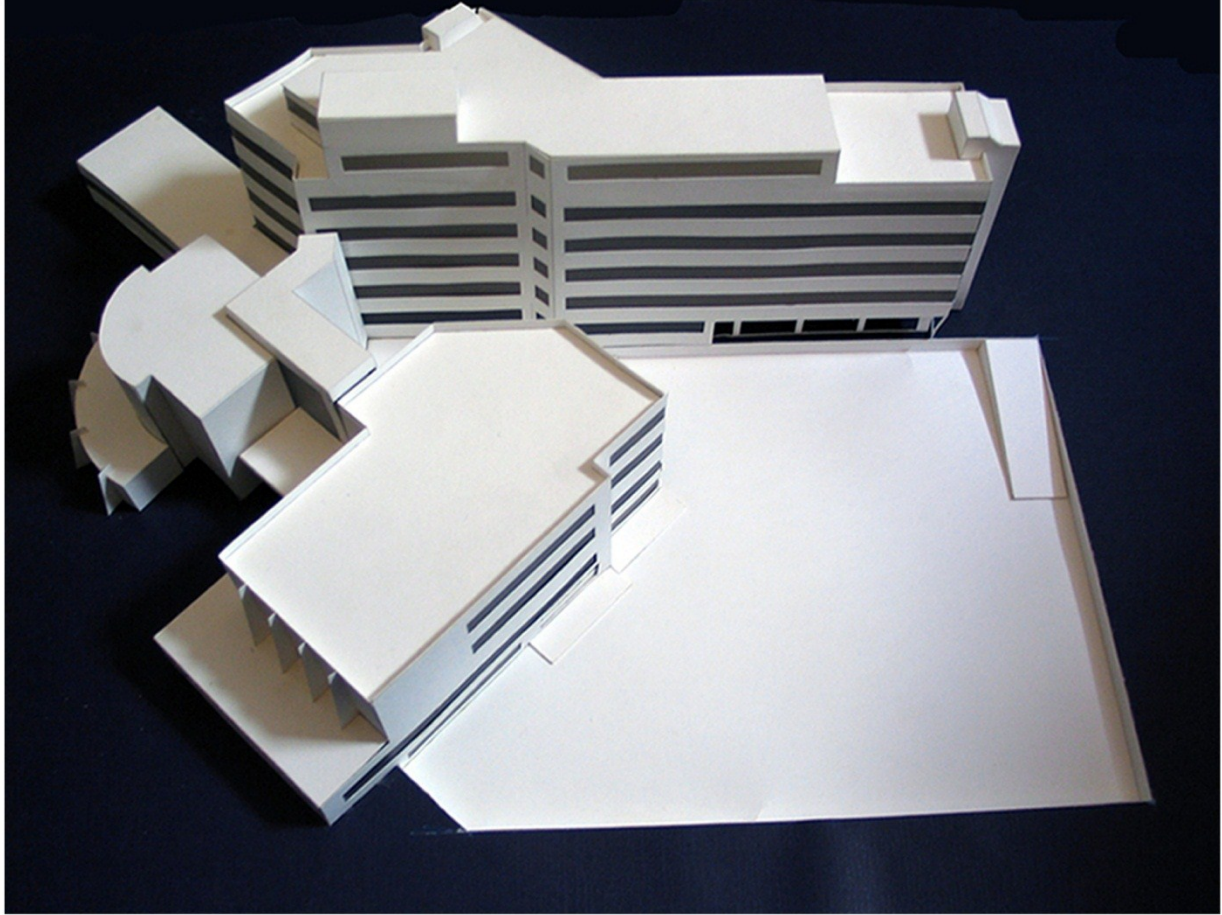
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Professional Projects

**Hospital Tehran, Iran-2003**

Hospitals are one type of buildings where functionality and design must go hand-in-hand. In shaping the original idea for this project, in addition to considering the main sections (confinement, operating room, intensive care, emergency room, maternity ward, clinic, reception, self-service, laundry room, morgue ...) and proper functional relationship among them, a special attention has been given to designing an elegant architectural form. Indoor and outdoor areas are designed in a way that by applying standard types of materials, natural and artificial light, colour and proper view, a place is provided for peace and comfort of the personnel and the users

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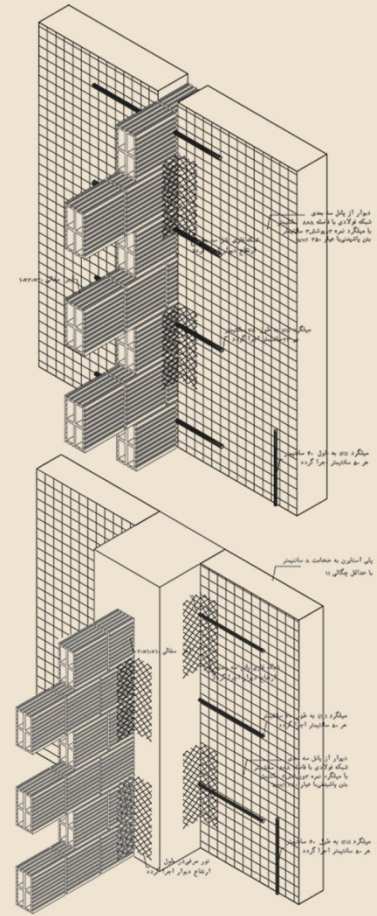
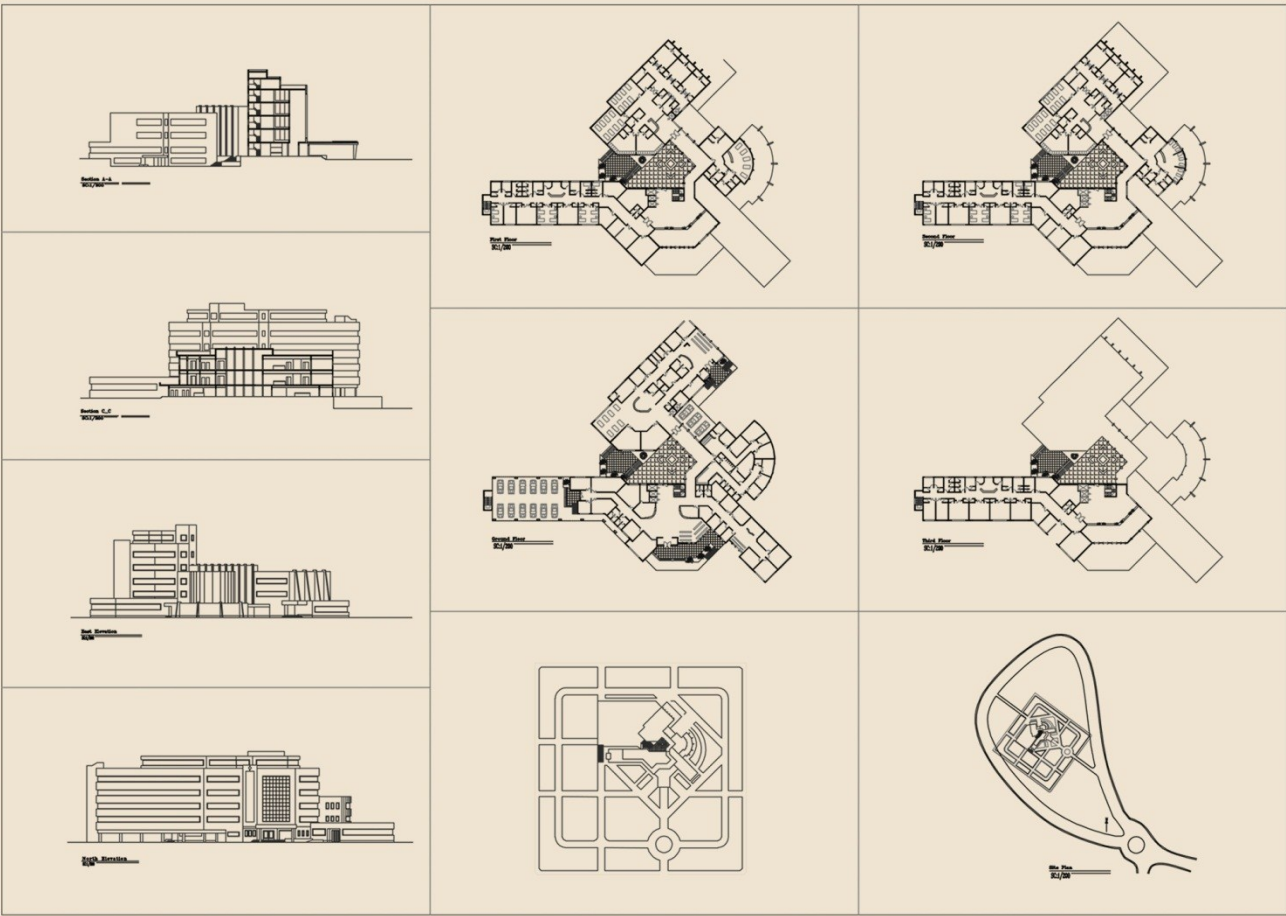
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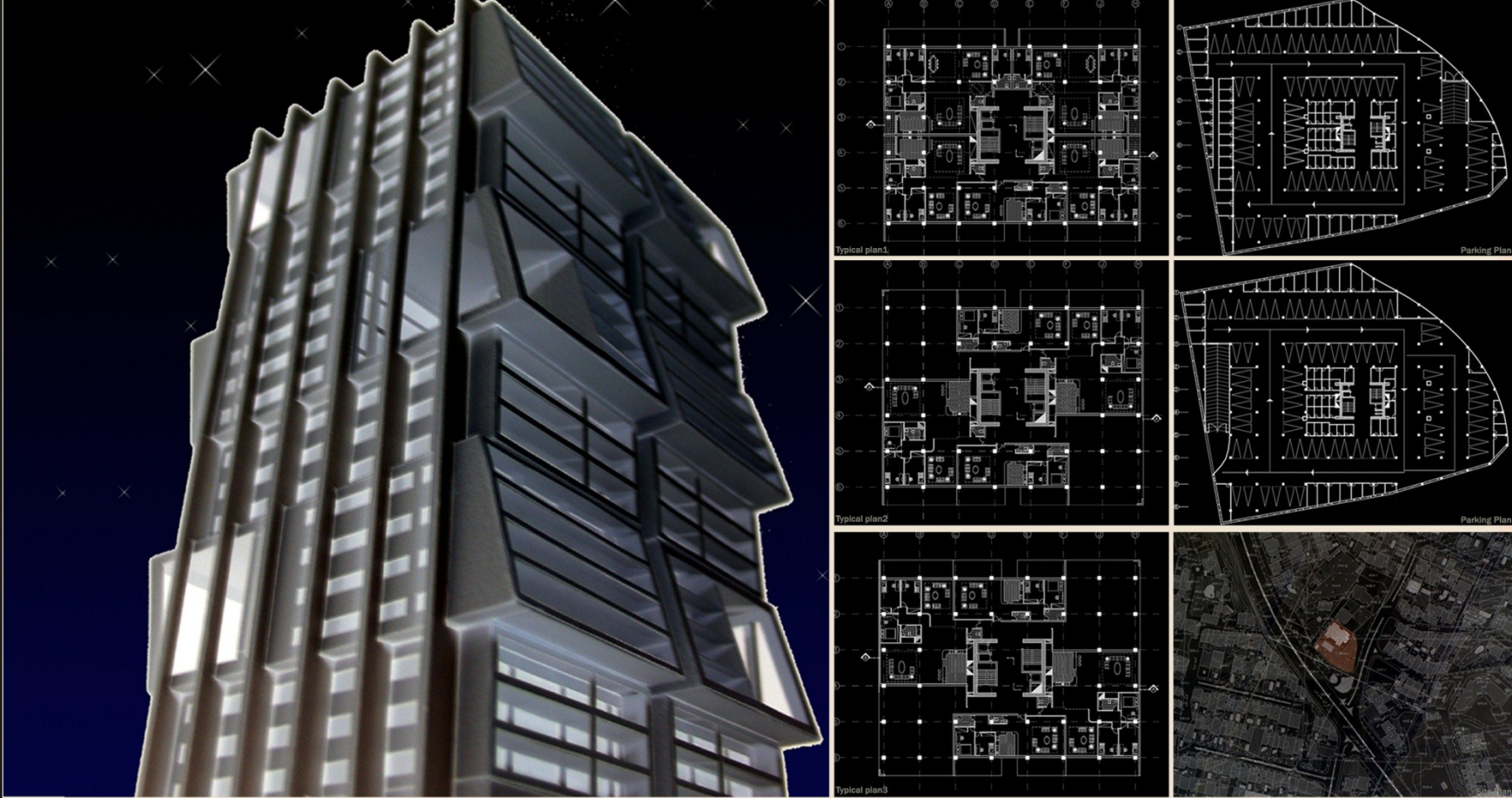
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Residential Tower Tehran, Iran-2004

This tower contains Twenty five floors and one hundred residential units. The plan of the building is designed in five different types, based on the users' life styles. The main idea in designing this structure was constructing landscapes (small stratified parks) in every four floors. This is done in order to create a better townscape, a more delightful neighbourhood and developing a healthier life style



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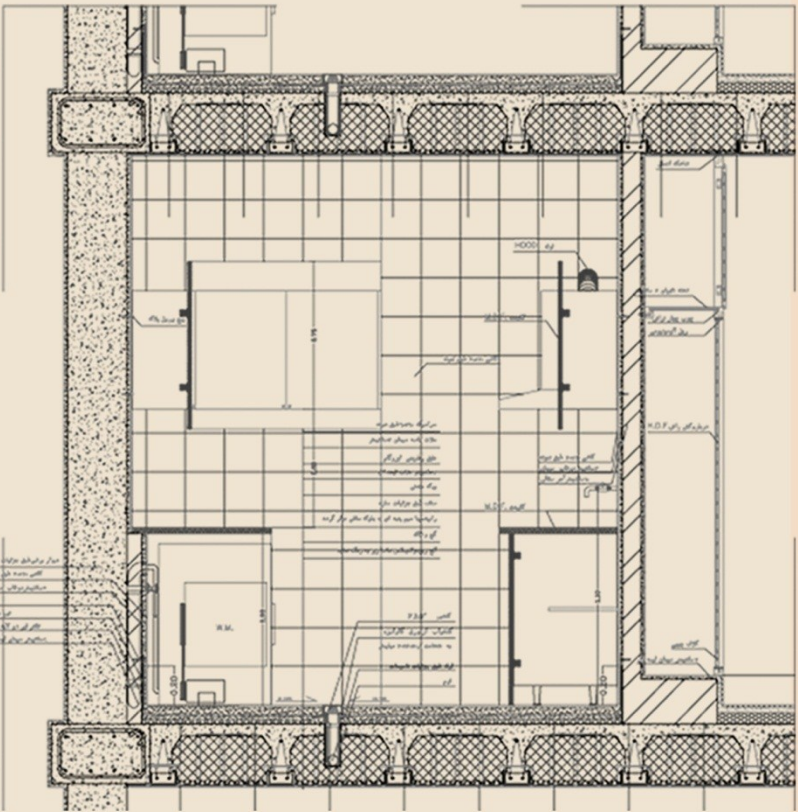
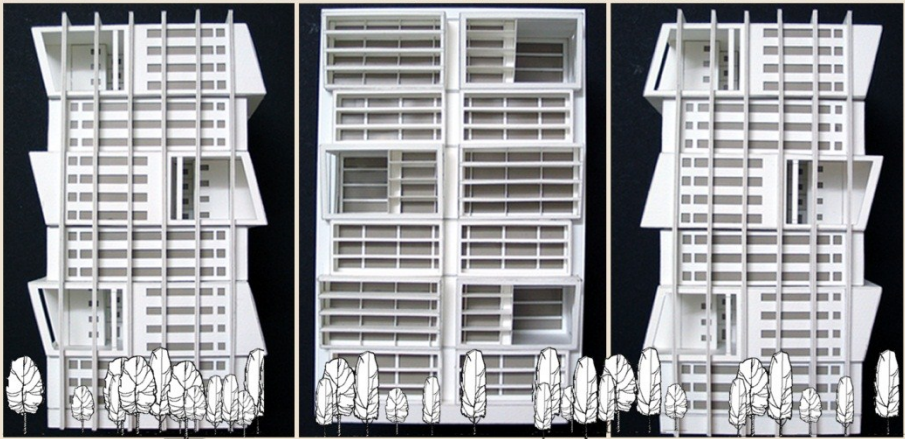
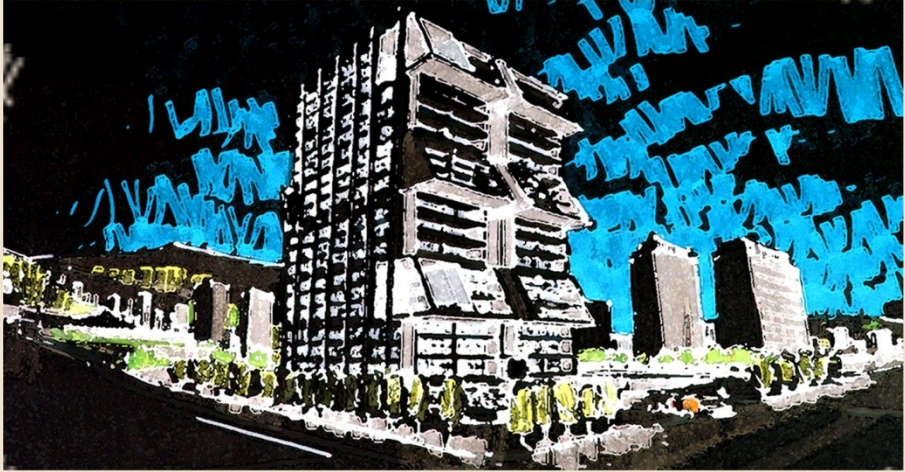
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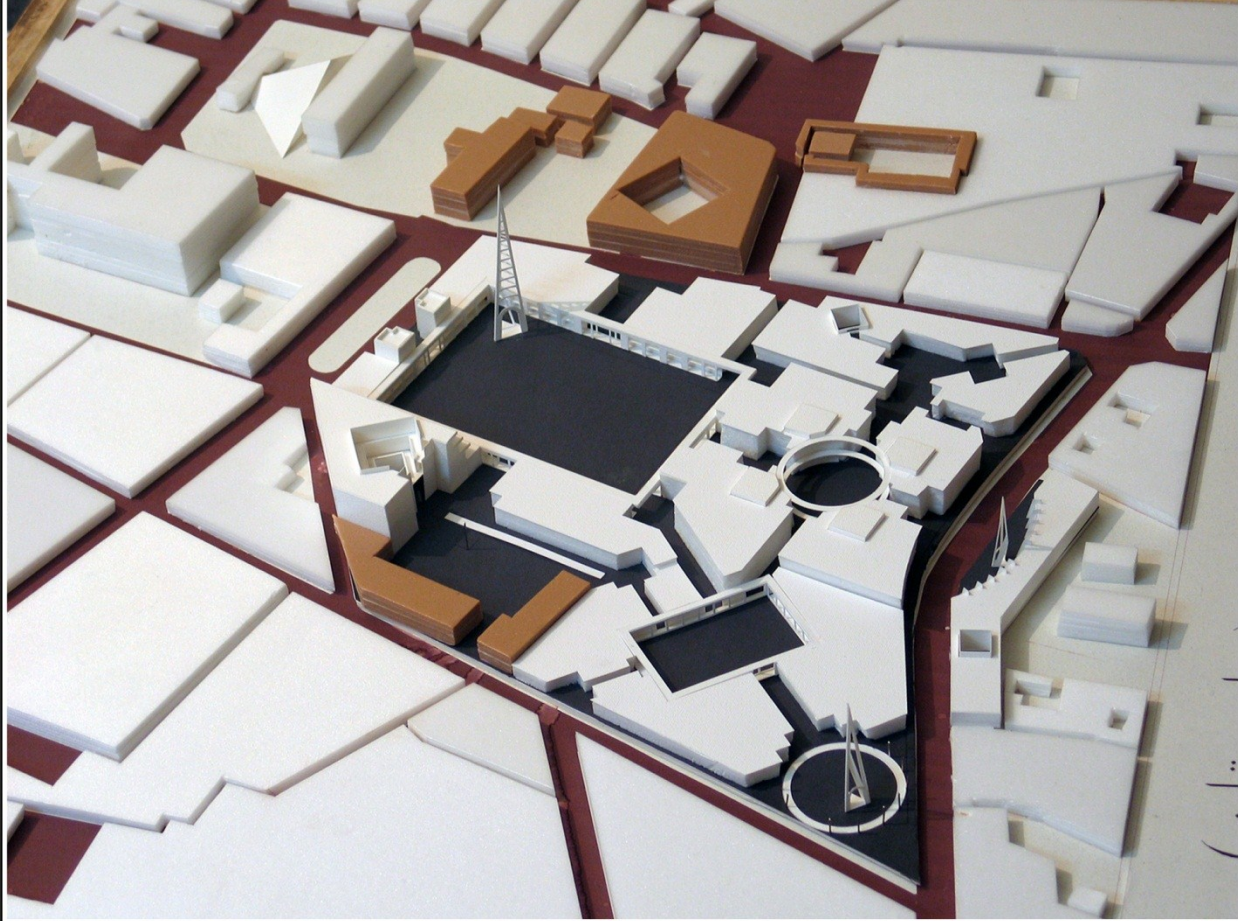
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Professional Projects



Designing Structure & Urban Areas in Tehran City Centre (Baharestan) Tehran, Iran-2005

The site of this project was located in the centre of Tehran (Baharestan District) which was surrounded by historical structures dated back to three hundred years ago. In designing this project, the following points were considered

- Providing various outdoor and indoor urban areas for social – cultural interactions
- Designing with regard to urban subjective and objective orientations
- Utilizing architectural archetypes (traditional architectural patterns) in designing façades and plans
- Classifying and determining proper locations for social, cultural, residential, educational and health care services based on principles and standards of urban design and urban planning



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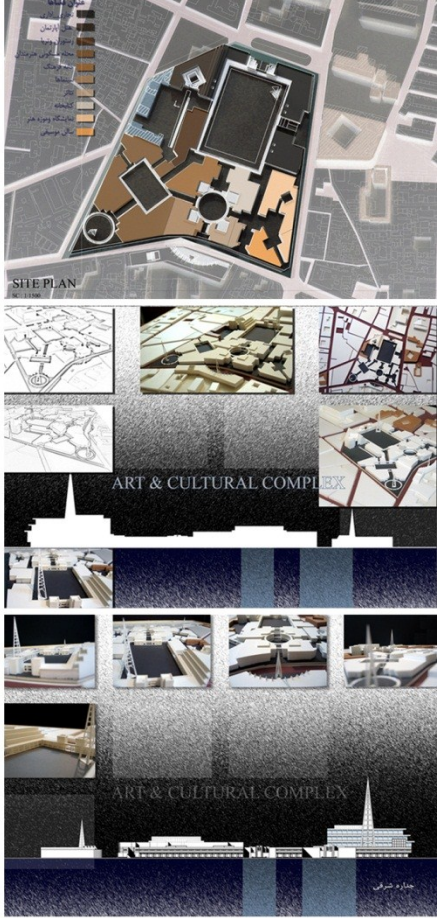
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Professional Projects



Incorporation of New Structures to Old Structures of Art University

And Changing Designated Usage of Old Structures Being Added to Art University Tehran, Iran-2006

The Site of Art University is surrounded by valuable structures and monuments aged back to two hundred years ago. In this project, a number of new buildings have been incorporated to the old buildings with a forty five degree angle and in an articular way in order to prevent any damage to the façade and structure of the old building

The idea of this project ranked first in academic competitions



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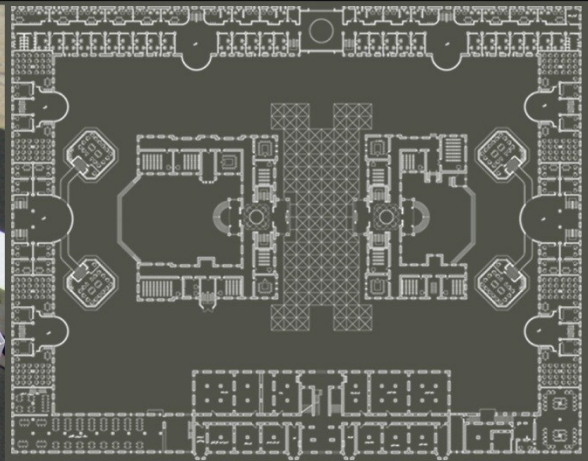
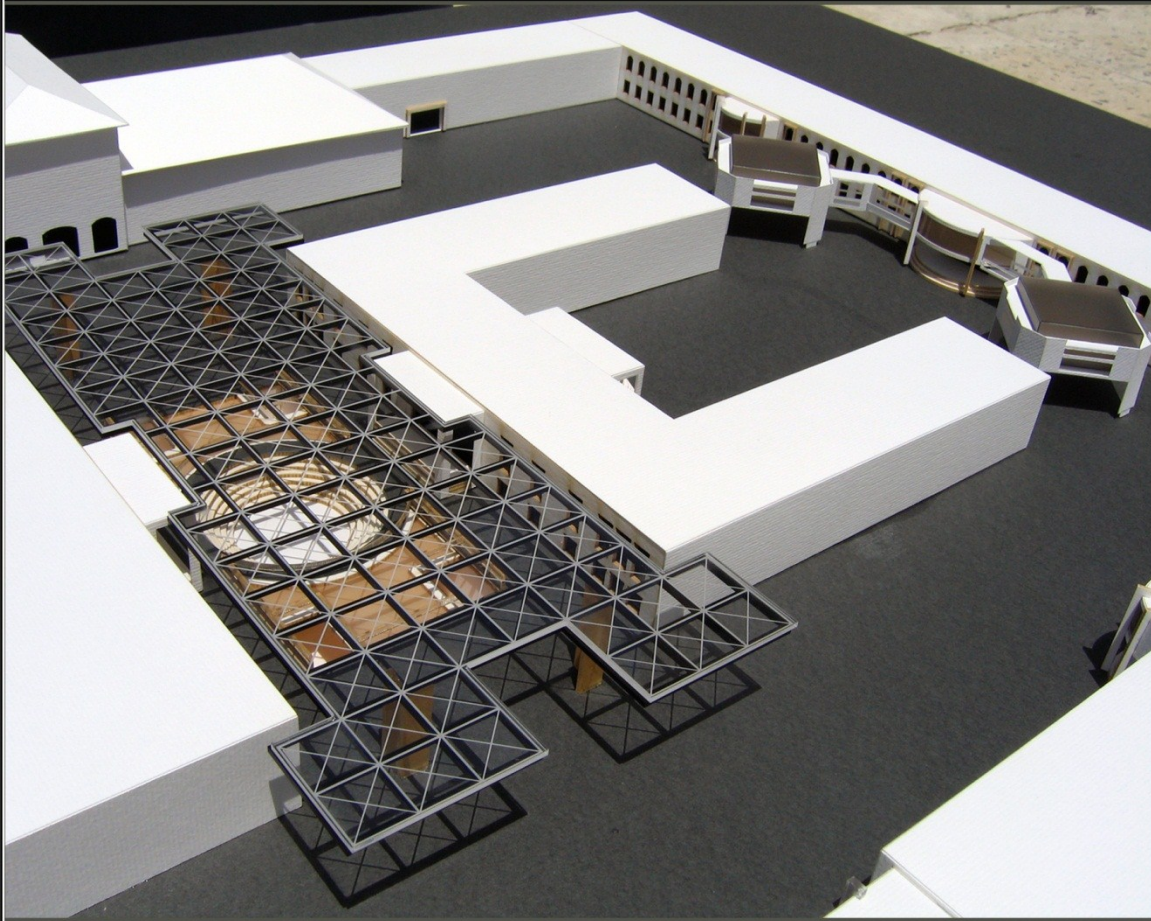
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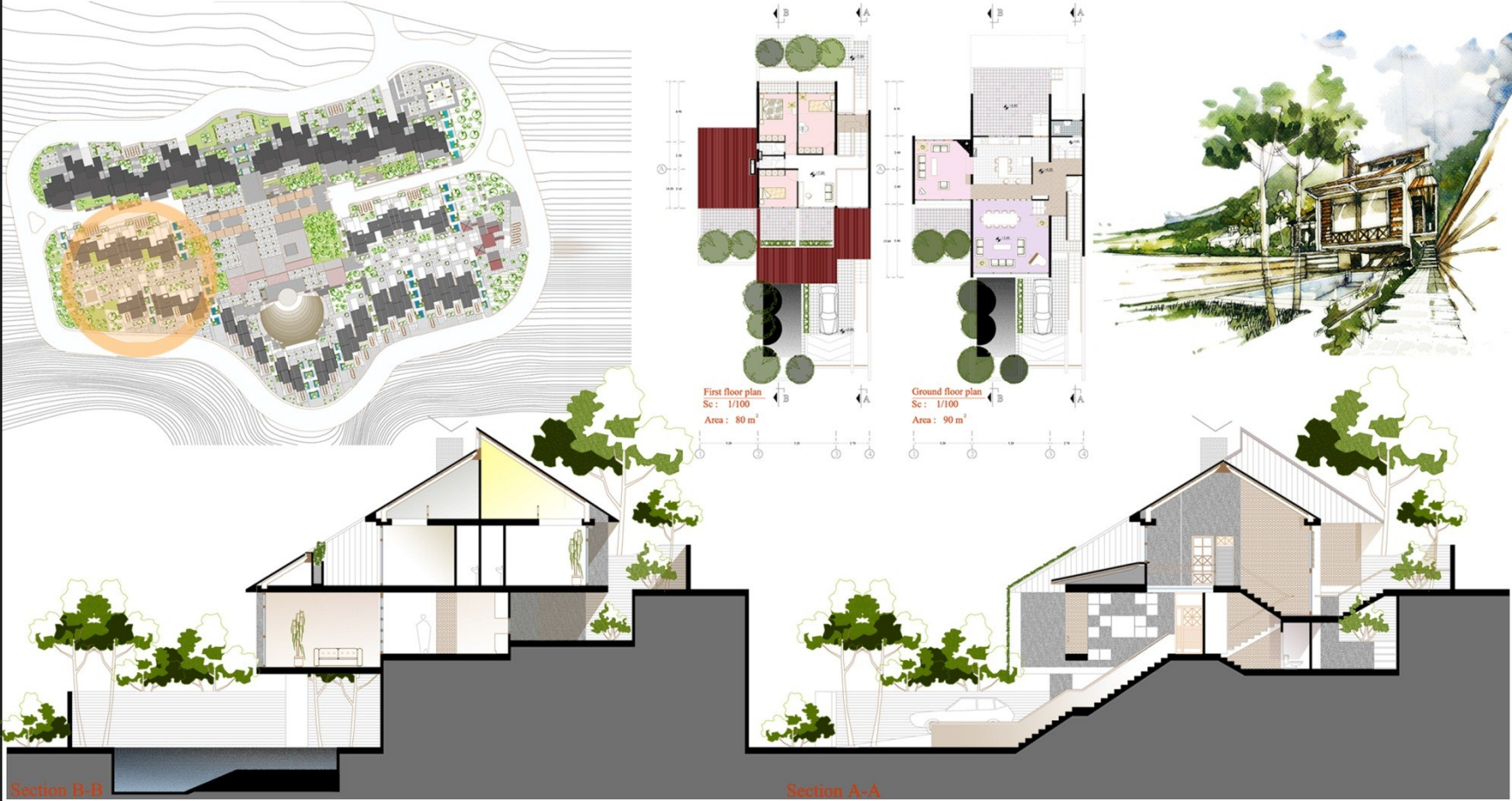
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Professional Projects

Residential Complex Gilan, Iran-2006

On an inclined ground covering an area of nine thousand square meters, one hundred residential units were designed in four different types. Type third structure is presented here. This structure is designed with regards to the culture and life style of people of Gilan (a city located in the north of Iran with a mild and humid climate). Most of the materials being used in this structure are local woods



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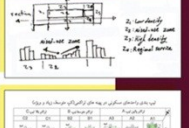
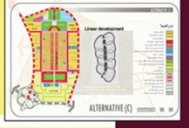
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Professional Projects

RESIDENTIAL LAND DEVELOPMENT

ALTERNATIVES



**VISION**  
Development must be safe, comfortable, varied and attractive, it also need to be distinctive and offer variety and fun.

**PLANNING POLICIES**  
Planning policies should promote high-quality inclusive design in the layout of new development and individual building in terms of function and impact, not just for the short term but over the lifetime of development.

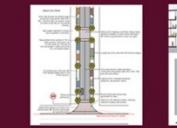
**EASE OF MOVEMENT**  
New development must ensure that places are easy to get to and move through. It also must provide or reinforce a clear network of routes that provide easy access.

**GOALS AND REQUIREMENTS**  
There are four overall aims that essential to creating successful places. These are underpinned with the principles of new urbanism and urban design.

**CHARACTER, SAFETY AND INCLUSION**  
New development must enhance identity and sense of place, ensure places are safe, secure and welcoming for all.

**DIVERSITY, LEGIBILITY, ADAPTABILITY**  
New development must ensure easily understood places, varieties, choices. It also must respond positively to need for change.

**GOOD STREET AND SPACES**  
New development must support variety and choice in the public realm for all section of society. It also must consider where possible for providing the need for local community.



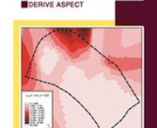
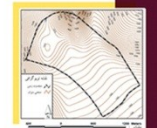
SUPER ADVISER:M.SC DANESH

MINOR COLLECTOR PATTERN

LOCAL STREET PATTERN

RESIDENTIAL LAND DEVELOPMENT

LAYER ANALYSIS



**INTRODUCTION**  
Location of District 22 within the City of Tehran Comprehensive Plan:

Municipal District 22, situated in northwest of Tehran has been under special developmental activities, due to design and implementation, since 30 years ago.

About 6000 hectares, twice the biggest district of Tehran, District 22 has special climate and geographic situation.

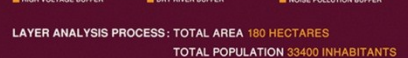
Its extremities are Kan floodway in the east, Tehran-Karaj freeway in the south and of vanderland area in the west. Kilometers 30 of Tehran-Karaj freeway and Alborz range extends up to altitude of 1800 meters above sea level, in the north.

Establishment of a new district utilizing the modern patterns of urban planning in Tehran

metropolis indicates transformation in managements' insight. For the first time in our country, District 22 is undergoing a tentative planning process.

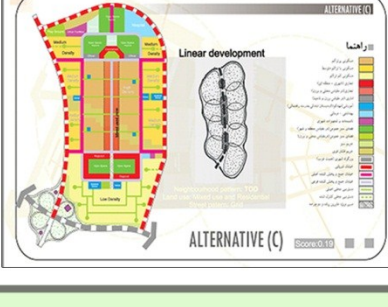
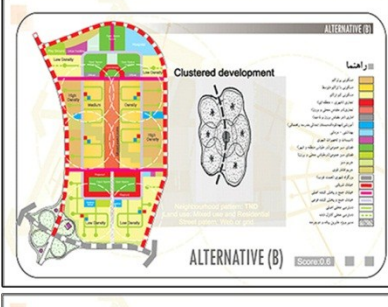
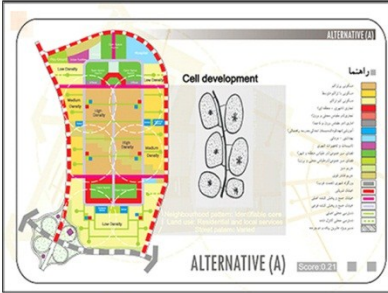


**SPECIFICATION OF SITE: AREA 200 HECTARES  
RESIDENTIAL DENSITY: 170 INDIVIDUAL PER HECTARES**



SUPER ADVISER:M.SC DANESH

**LAYER ANALYSIS PROCESS: TOTAL AREA 180 HECTARES  
TOTAL POPULATION 33400 INHABITANTS**



Residential Land Development Tehran, Iran-2006



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## Professional Projects

### Townscape of New Navab Tehran, Iran-2006

The goal for this project was to build a city centre for south-west district of metropolis of Tehran

In designing this project, the following points were considered

Providing various open and closed areas in order to establish social-cultural interactions and leisure time

Providing proper distribution of social, welfare, commercial, cultural, economic and residential spots based on comprehensive urban plan of Tehran

This project ranked first in nationwide competitions



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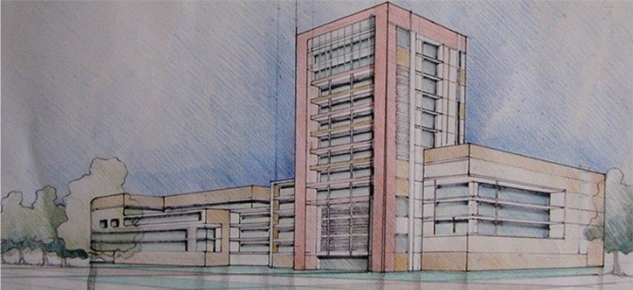
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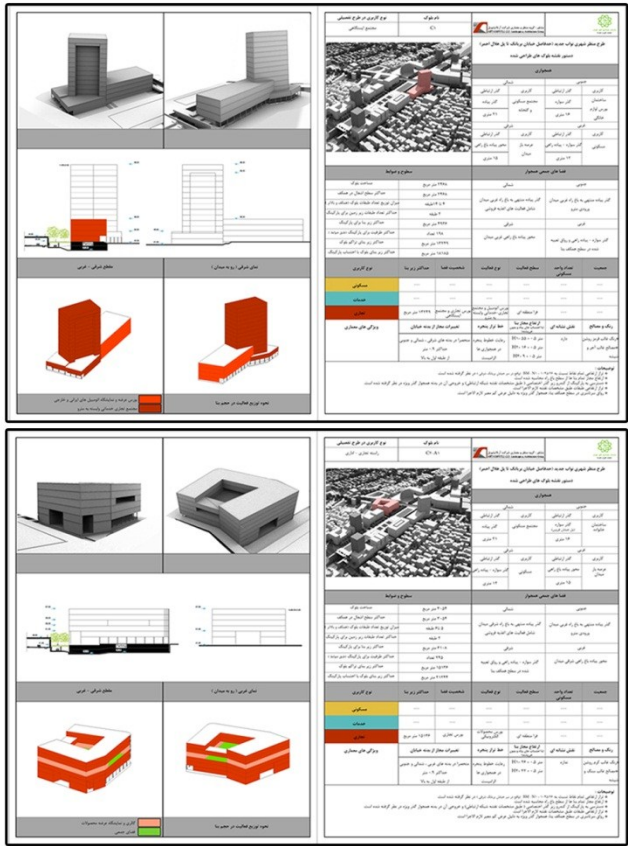
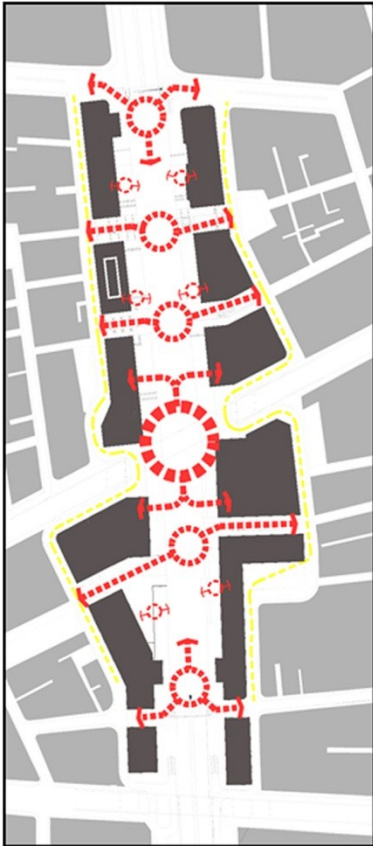
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Sample of AutoCAD file





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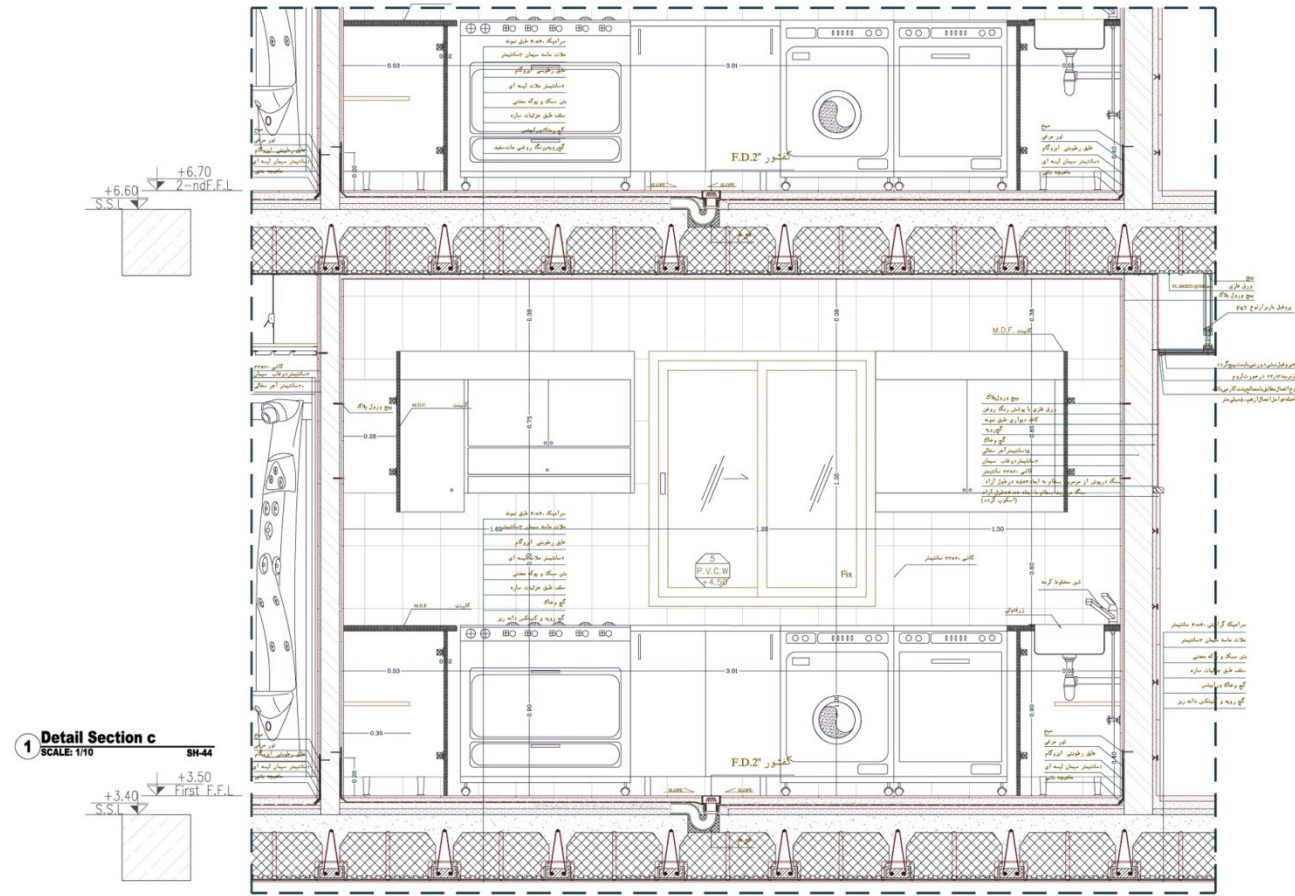
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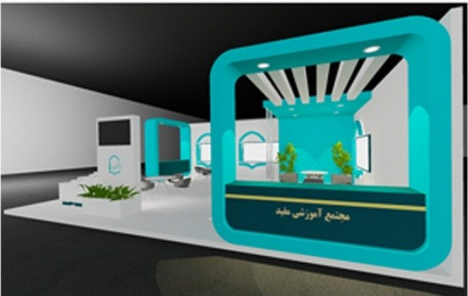
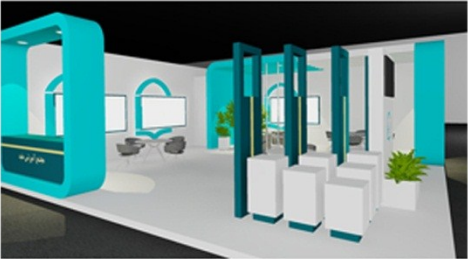
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Sample of Interior Projects



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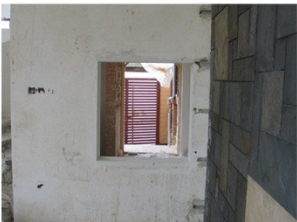
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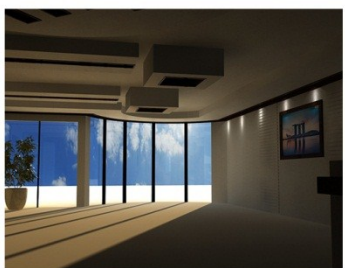
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Sample of Official Projects