

Architecture 2002/Present

about me
01



MinooShafaei

Architect- PhD degree of Architecture
Associate Professor Art University of Isfahan, Isfahan/Iran
D.O.B | 26 Feb. 1977
ISFAHAN, IRAN

I am an experienced architect and teacher who has eagerly taught 21 years in 3 grades

(BA., M. ARCH & PHD.) I am highly motivated on architecture that caused me to try different 4 aspects of this field - teaching, research, design and construction-. During PHD course, I studied on creativity and it helped me to be a creative teacher/ architect/manager. With the purpose to help students (with any level of ability and knowledge) to grow their creativity and enjoy architecture, I have taught with a playing-based learning method. Also, I've published this outstanding method in an article to help young teachers to enjoy their effort. lately, I was "Head of Research Ethics Working Group" in Art University of Isfahan for 2 years. By holding different seminars to inform students the necessity of research ethics, the number of complaints files decreased %75 in the second year. However, I have the motivation and ability to work independently but, I strongly believe in creativity techniques such as collaboration that helps me to collaborate effectively with the students/colleagues welcoming different ideas. During professional experience in HAMGOON Co., by preparing research reports, managing human resources and designing collaboratively with the colleagues, I developed 2 projects in a shorter time, %23 sooner than usual. It helped the company to have more income/less expenses.

I have designed and managed several projects in my own office. I have developed different projects including residential complex, villa and house, educational building, landscape and interior design. The biggest project I have developed is research/design 200 rural houses around Isfahan province while cooperating with Environment Architects Co.

Contact

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shafaei96-h751308

Language

Persian Native

English Reading, Writing, Communication

French Reading & Communication-Beginner Level

Education

2005-2010 PhD Architecture: Iran Science and

Technology University/Tehran, Iran - Full

Scholarship

Title of Thesis: "The Design Principles of Educational Spaces for 3-6-Year old Iranian

Kids Based

on Their Creativity"

1996-2002 BA-MA. Architecture/ Art University, Iran -

Full Scholarship

Title of Dissertation: "One Thousand Garden

of Persian Literature" (A Comparison

hetween Architecture and Persian Literature)

Computer skill

AUTOCAD

w WORD

REVIT

P POWERPOINT

Membership

2020-Current AUI Research Council

2013 The specialized committee for the PhD in

architecture

2005-Current Association of Iranian Architects

2006-Current Isfahan Construction Engineering Building

Organization

2011-Current Jury board:

> •Reviewer of International Journal of Architecture, Arts and Applications. •Reviewer of Journal of Housing and Rural

Fnvironment.

•Reviewer of International Journal of Architectural Engineering & Urban Planning. •Reviewer of Journal of Architecture, Urban Design & Urban Planning.

Position

2020-Current Architect «Interior Design and manager»

Environment Architects

2017-2020 Head of Research Ethics Working Group in

Art University of Isfahan

2014 Jury of the national architecture

competition entitled «HOMA-KIDS»

2012 Jury of the national architecture

competition entitled «The Main Entrance of

Maybod University»

Workshop and Presentation

2019 Lecture on "The Research Ethics" in Art

University of Isfahan

2014 Lecture on «Revitalization of Schools» for

the Isfahan province head masters

2012 Lecture on «Rural housing design» for

young engineers of Isfahan province

Experience

Associate Teaching PhD Courses: •Research Methodology. Professor & •Literature of Architecture. **Architect** •Supervisor of 9 PHD Dissertation. 2021-Current

Teaching M. ARCH Courses

Assistant of **Professor** 2011-2020

•Architectural Design 3 with educational

environment Project.

•Supervisor of more than 25 Master of

Architecture Dissertation. Teaching B.A. Courses:

•Architectural Design 5 with Residential

Complexes subject.

Lecturer 02/2002-2011 Teaching M. ARCH Courses: •Research Methodology.

•Architectural Design 2 with educational

environment Project. Teaching B.A. Courses: •Architecture expression.

•Architectural Design 1 with an Exhibition-

Cultural subject.

•Architectural Design 2 with Housing subje

ct.

•Architectural Design 3 with Museum

subject.

•Supervisor of more than 35 Final Project

for BA degree.

Architect No. of National I Stablished the Own Private Office. •I 've designed 9 houses/residential

Work Permit: complexes.

•I designed 6 interior projects and 332-20-00-100

06/2006-Current constructed 2.

•Design and renovation of 1 kinder garden.





Project Sample

Architectural Designer & Manager

ARCHITECTS Company

Design of more than 15 houses/residential

Cooperating with ENVIRONNMENT

06/2001-Current complexes.

•Interior Design (house, clinic, office). •Managing 7 architects to design 200 Rural

houses around

•Isfahan Province/ Iran.

Cooperating in development of

Khorramshahr Mosque.



Project Sample

Architectural Designer &

Experience of teamworking in HAMGOON consultant Co.:

Manager

•I managed and designed the project of 07/2002-11/2005 Engineering and Technical Faculty Building of Isfahan University.

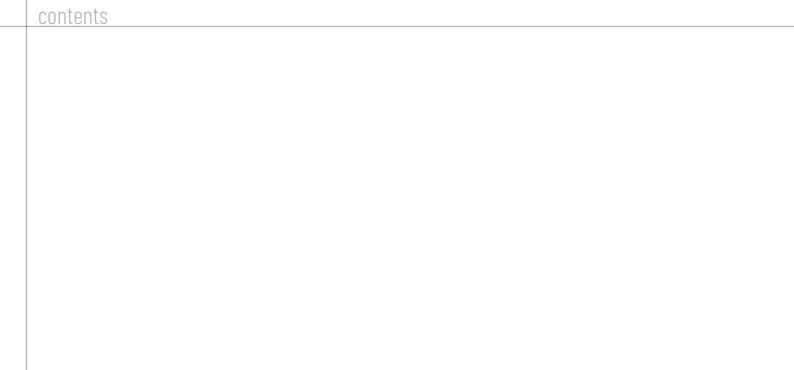
•I designed 5 Interior design projects.

•I researched and prepared 3 reports of 3

educational buildings.



Project Sample



professional

- 01 VATANI RESIDENTIAL COMPLEX
- 02 DERMATOLOGIST OFFICE
- 03 Family Residential complex
- 04 DEVELOPMENT OF KHORRAMSHAHR CENTRALMOSQUE
- 05 House Interior design-chimney

Academic

- 06 ARCHITECTURAL DESIGN5 (SAMPLE A)
- 07 ARCHITECTURAL DESIGN5 (SAMPLE B)
- 08 Supervisor of Dissertation-March
- **09** Supervisor of Final Project for BA. Degree
- 10 ARCHITECTURAL DESIGN 2 (SAMPLE A)
- 11 ARCHITECTURAL DESIGN 2 (SAMPLE B)
- 12 ARCHITECTURAL DESIGN 1

O1 VATANIRESIDENTIAL COMPLEX

Location: Keshavarz Blvd./Isfahan/ Iran **Architect:** Ramin Madani, Minoo Shafaei Cooperating with Environment Architects Co.

Civil engineer: Mr.Toughi

Client: MS. Vatani

Site area: 580 sq. meters

Constructed area: 3600 sq. meters

Start: winter2024

Fine: under construction

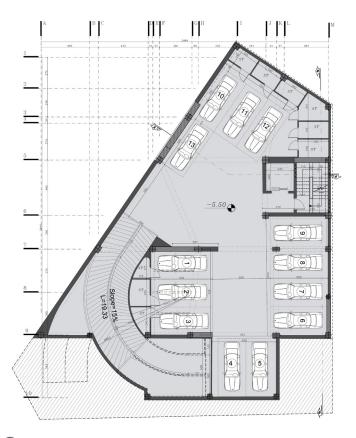


This 8-floor residential complex is located in Isfahan. The client requested for 18 apartments. Th main challenge here, was the number of the units, the shape of the site while a current structure was dictating a conflict geometry. Because the client started an upside-down way for this project. At first, he referred to a structural engineer then she came to us.

Besides, the best side of the site was the south because of the sunlight. The worst side was the west façade that made a problem due to noise of highway and summer heat. We worked on many concepts and

finally, we could choose 2 types of plans for the upper levels due to the limitation of the projects and making a remarkable façade.



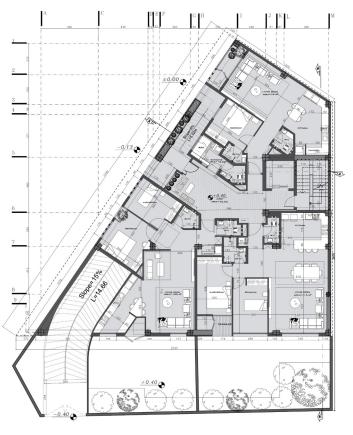




① Floor plan -2

The functional organizing plan shows that private zone including master bedroom, bedrooms and bathes are separated of living room, dining room and kitchen.

There was an attempt to show an easy geometry inside the apartments to help the users' perception of the inside.



Ground floor plan



① Second floor plan

The west façade is beside a highway with a local access. So, there are some sideling walls in the west terraces to face with the best view (soffeh mountain), avoid the heat of the west sunlight and make an opportunity to show every detail to those who move in the cars on the highway.









$02^{\tiny{\begin{array}{c}D\text{ERMATOLOGIST}\\0\end{array}}}$

Location: Tohid St/Isfahan/Iran.

Architect: Minoo Shafaei **Project type:** Interior design

Client: Dr. Adibi

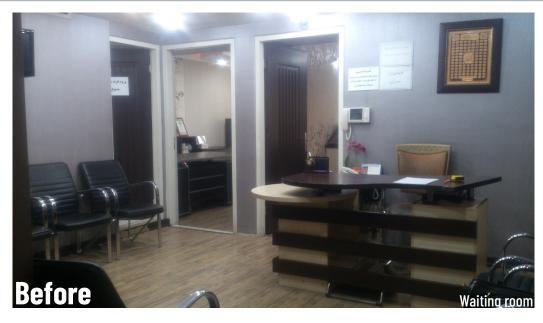
Site area: 100 sq. meters

Start: May 2018

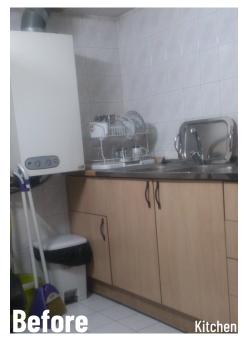
Fine: 5 weeks later- 3 weeks design & 2 weeks

construction.

Architecture is a kind of problem solving with the main role of creativity. The challenge of this reconstruction project was the limitation in time and reorganize the functional plan to expand the capacity of the waiting room and add two private offices. The project is located in Tohid St., Isfahan, Iran. The clinic area is around 100 square meters. Client needs and requests included, the minimum 15 seats in the waiting room, aseparate area for two secretaries, one sharing room for 2 doctors, one practical dermatology operation room, one practical beauty care room besides kitchen and more larger lockers. The main request made a real challenge for me that encouraged me to dive in the middle of this projectthere was no enough time to do the list completely.













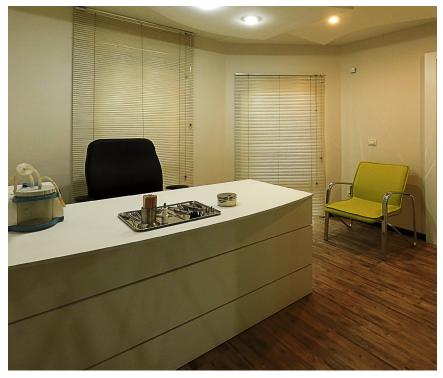


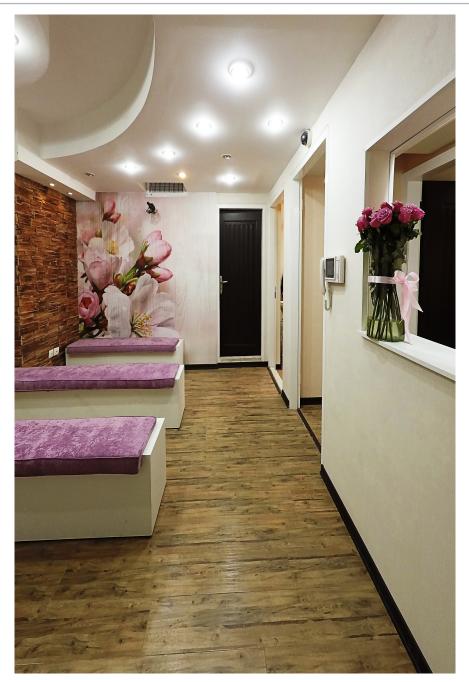
As the clinic was located in a complex including many enterprises and offices, there was a problem to reconstruction because of the noise of destruction and carrying of the materials and construction rubbish.

As I think we could always find the way and solve any problem I started with a large amount of stress and curiosity. I found that it was not a normal interior design, the management of the project due to the lack of time was the first problem. So, I asked the client to have the schedule of 2 doctors', derma psychologist's and beauty care operator's. As, the area of the clinic was not enough for the exact request of the client. I planned a program to use every centimeter of the area. I described for all team members to contribute to overlap different executive groups' work. However, the management of the time was so difficult but we did it successfully in 2 weeks because all of groups accepted to collaborate full time and I was supervising them 2 times a day during the 2 weeks.

while I was rearranging the plan and enjoying the interior design, the clinic was working as usual.



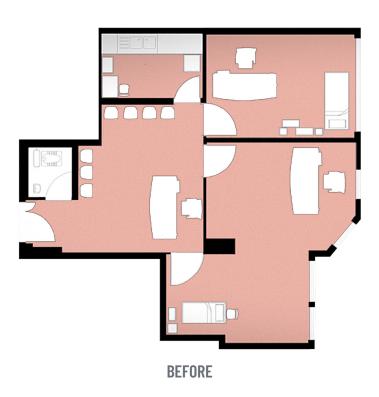


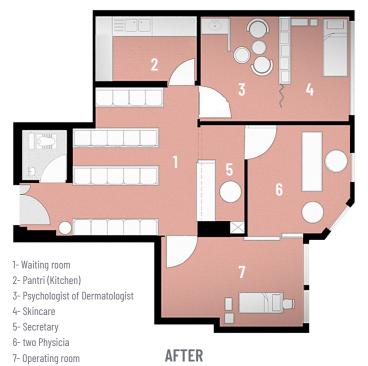


It took around 3 weeks to prepare the design documents including 2 alternatives, I got the positive answer of client and then we started. The previous plan was including 2 private rooms, 11 seats in waiting room, no separate area for secretary, and messing zones because of overloading of specialist, operators and the clinic clients.

Thanks to all of the people that helped and worked in this project, the conclusion made my clients smile and made me exciting that I did it successfully only in 2 weeks.

The designed plan is including more capacity and new functions such as 19 seats in the waiting room, a separate secretary zone for 2 persons, a larger kitchen and more lockers, one dermatologist/psychologist office with a connected room for beauty care operations, one sharing office for a dermatologist and a beauty surgery's and a connected practical operation room with new designed furniture.





O3 FAMILYRESIDENTIAL COMPLEX

Location: Shahr-e-Kord/ Charmahal Province/ Iran

Architect: Minoo Shafaei

Civil engineer: Mohsen Moosavi Movahed

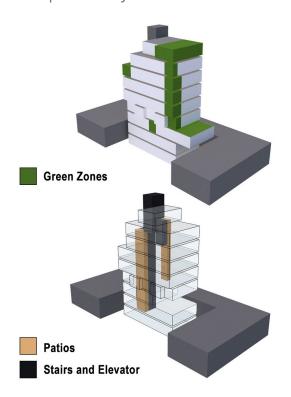
Client: Ali Taji

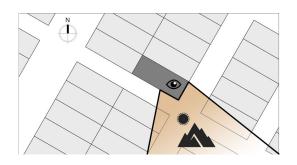
Site area: 250 sq. meters

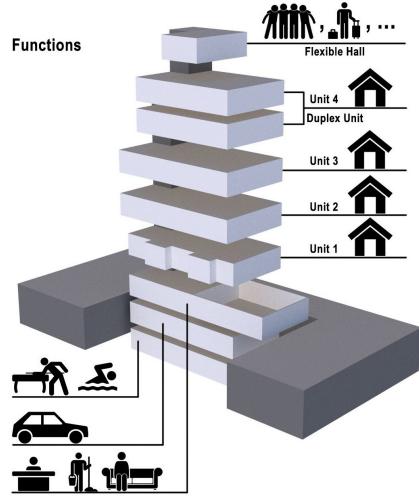
Constructed area: 1654 sq. meters

Start: Spring 2017 **Fine:** Winter 2018

This 9-floor residential complex is located in Shahr-e-Kord. The client requested for a gym, swimming pool, a private office, 1 duplex apartment and 3 apartments for his family members. Besides, he liked traditional Iranian Architecture. He was this agree with teh vertical buildings. The challenge of this project was designing a vertical building for a modern lifestyle with a taste of past to remember a sense of traditional horizontal Iranian houses. Here, I focused on both functions and form that made a paradox for designing. The building was constructed as the same as the client ordered. The 2 basements were designed for parking and gym with a small swimming pool. Lobby and a private office were located in ground floor. The next 3 floors were 3 apartments and finally the duplex apartment was located at the top of building.



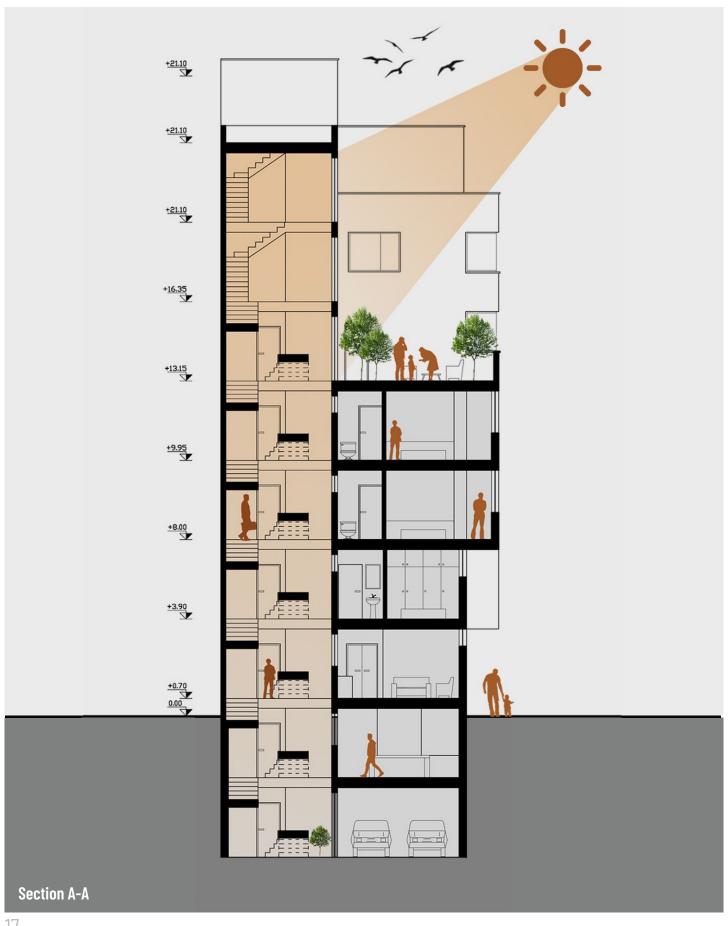




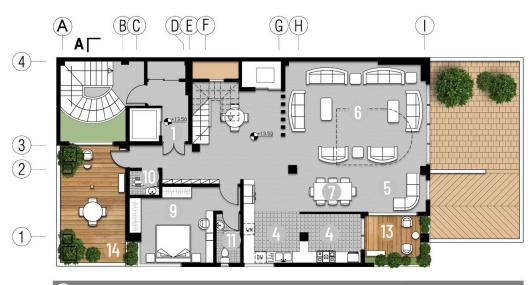




The functional organizing plan shows that private zone including master bedroom, bedrooms and bathes are separated of living room, dining room and kitchen. In duplex apartment, there are a small open pantry and a multi-purpose room (for playing, living, reading and other family behaviors) in above floor and the couple realm, a hosting area with a main kitchen and WC are organized at down floor. An inner lift makes the circulation easier.

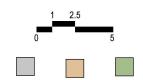






∆4th Floor Plan





OUT

IN

Patio

1- Entrance

2- lobby

3- Janitor/office

4- kitchen

5- sitting room

6- living room

7- Dining room

8- bedroom

9- master bedroom

10- W.C

11- Bathroom

12- Yard

13- terrace

14- Roof garden



while constructing



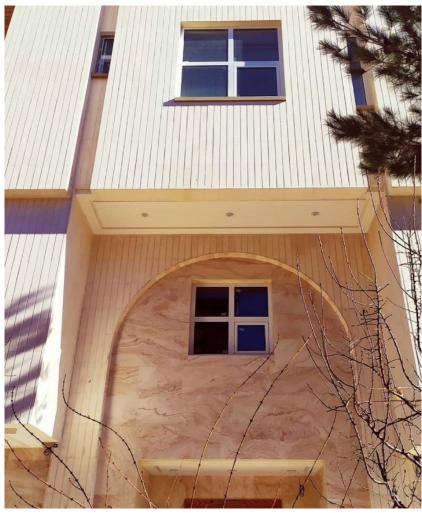


I tried to get inspiration of traditional Iranian forms such as Arch, Iranian Ratio and small openings to enter light to bathrooms. In today Iranian architecture, restroom, bathroom, store and even some small bedrooms have no light. Beside regarding that "light is the origin of all being..." (Tadao Ando), I think according to the sustainability, every small space must earn enough natural light to save more electricity energy during a day. So, I designed small openings hidden in vertical narrow space for lighting bathrooms while considering the geometry of the facade.

The main entrance is a great emphasizes on both the meaning of home in traditional Iranian architecture and the form of the arch.







04 DEVELOPMENTOF KHORRAMSHAHR CENTRALMOSQUE

Location: Central Mosque/Khorram Shahr/

khoozestan Province/ Iran

Architect: Ahamd Aminpoor, Minoo Shafaei

Ramin Madani, Pooya Kharazmi

Cooperating with Environment Architect Co.

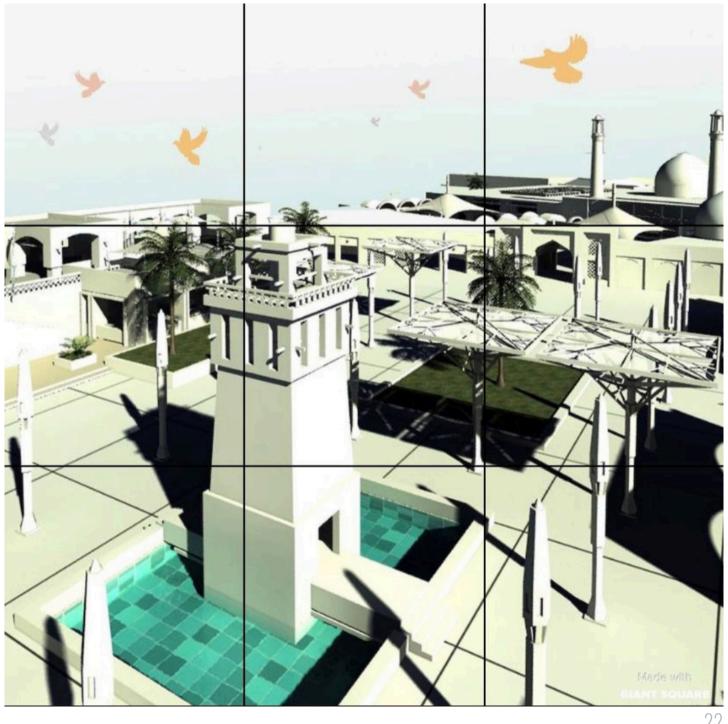
Client: Governmental

Site area: 3100 sq. meters

Start: 2012 **Fine:** 2013

This project is defined as a cultural/ religious function. The main gold was developing Central Mosque of Khorram Shahr with A library, a multi-function area for cultural gathering and expanding praying area of the mosque.

The challenge of this project was organizing new functions considering hot climate and traditional, monumental, political building of the mosque.

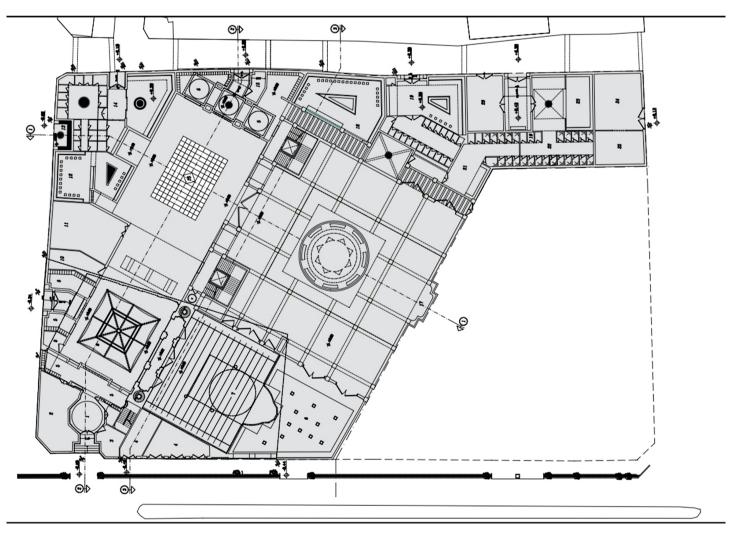




As creating shadow is very important in Khoozestan climate and regarding the holy mosque as «a monument of traditional architecture that is a symbol of religion and people resistance against of the war between Iran and Iraq» the designer team decided to create a light conservative structure/architecture. So, white tent structure that is a great response to the hot climate and in a noticeable harmony with the mosque walls shaped the adjoint architecture.









$05^{\tiny{\text{HouseInterior}}}_{\tiny{\text{Design-chimney}}}$

Location: Kooye Ostadan,Isfahan/Iran

Architect: Minoo shafaei

Cooperating with HAMGOON Co

Client: Private clients

Site area: Start: 2003 Fine: 2004 Around 20 years ago, chimneys were so remarkable in interior design. The Chimney was known as a signature of the architect. While I was developing a multiple villa projects, I designed these chimneys. Beside regarding technical design of chimneys, I thought that there must be more than a fire place, because maybe the era of chimney would be expired, in future. So, I imagined the elements of the house that could play an extra role, such as fire place. The samples are presented here, are separating wall and organizer.

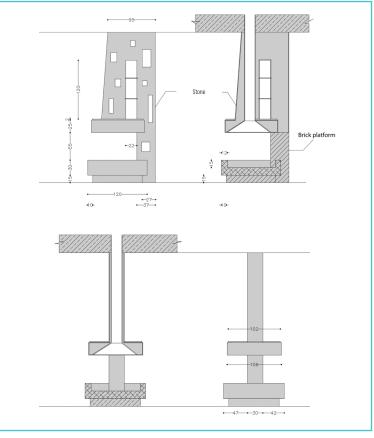
Here, there is a large saloon that was supposed to include living, dining room as an hosting saloon.

Also, the client requested for a chimney in this area. Defining separate areas in that huge saloon, wouldn't be solved by Designing a chimney at the corner of the saloon. So, I tried a hanged chimney as a dividing wall. This chimney presents a statute in the middle of the large saloon.





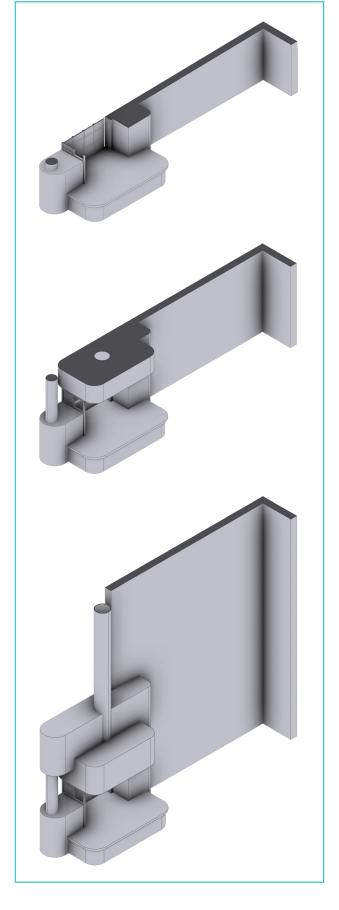




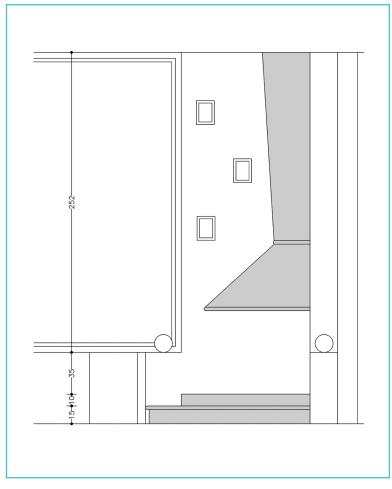


The client requested for a chimney in living room area besides a partition to divide living room and entrance. This chimney is a dividing transparent short wall that presents fire and the warmth of the home while entering the house. There are also some places to put family memorials on the chimney.

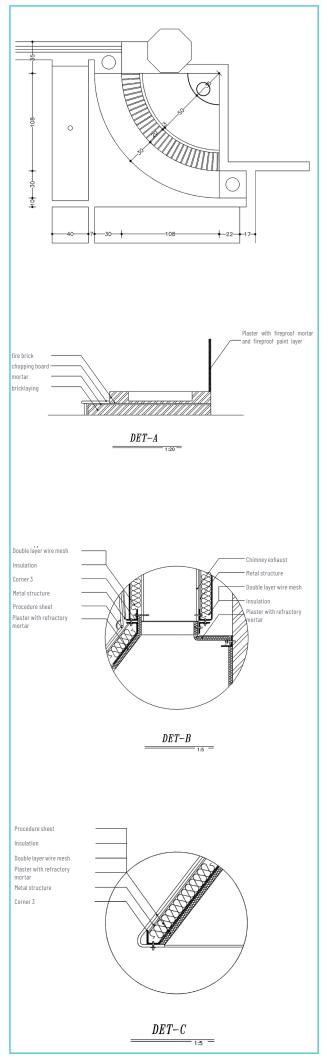




Architectural detail design







O6 ARCHITECTURAL DESIGN5(SAMPLEA)

Title: Nazhvan, Isfahan/Iran

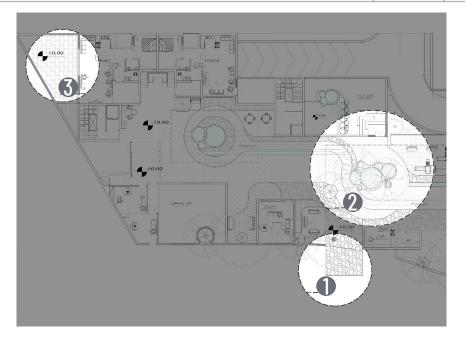
Year: 2022

Student: Hossein Saadat, Sara Fesharaki,

Elnaz Chahiyan, Fatemeh Gheysari **Supervisor:** Dr. Minoo Shafaei

University: Architecture Department, Architecture and Urban Faculty, Art University of Isfahan/Iran

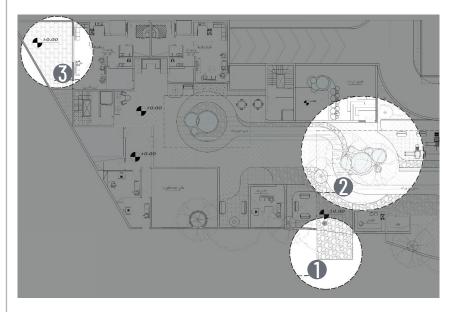
The Design 5 is so different of the design studios 1-4. The challenge of design 5 is developing 30 units in a residential complex in 3000-5000 square meters site. The students could design units in a horizontal or vertical expand. But there is necessary to design gym, multi-purpose saloon, entertainment, kids playing room and a hypermarket also.







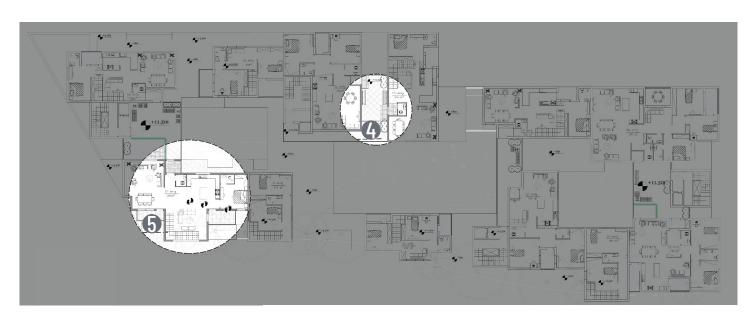




The project is full of challenge because it must be a responsible environment to all groups of settlers. The needs and behavior of the Kids, elder people, teenagers, the Youngs, ladies and etc. must be considered. So, it's a good case for teamworking. Every group of students including 4 or 5 persons who had different abilities studied, discussed, had an enjoyable brain storming to present a remarkable concept, led to a design process, had corrections every session and finally had a good experience of team working.









O7 ARCHITECTURAL DESIGN5(SAMPLEB)

Title: Designing The Future Settlement

Year: 2021

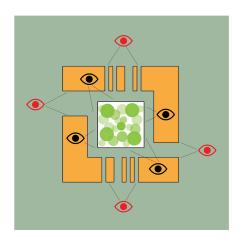
Student: Mohammad Ali Zarean, Kimia Mohammadi,

Bahare Vosoughi

Supervisor: Dr. Minoo Shafaei

University: Architecture Department, Architecture and Urban Faculty, Art University of Isfahan/Iran

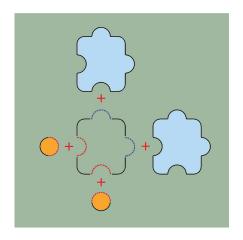
Initial ideas:



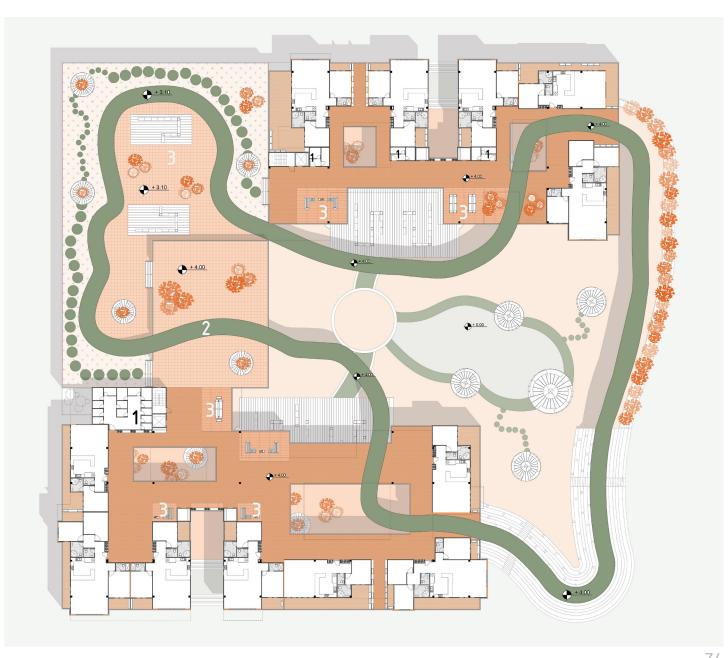
- 1. Green central courtyard
- 2. View of central courtyard
- 3. Linking greenery and building



- 1. Ability to collect units
- 2. The ability to transfer from one site to another

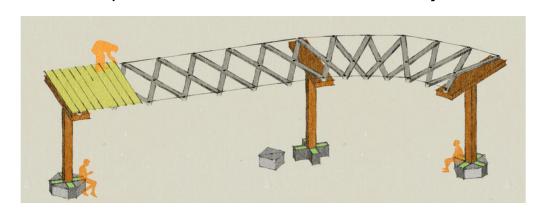


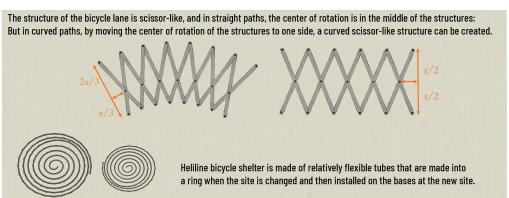
- 1. Ability to expand or reduce spaces in each unit
- 2. The ability to expand units next to each other

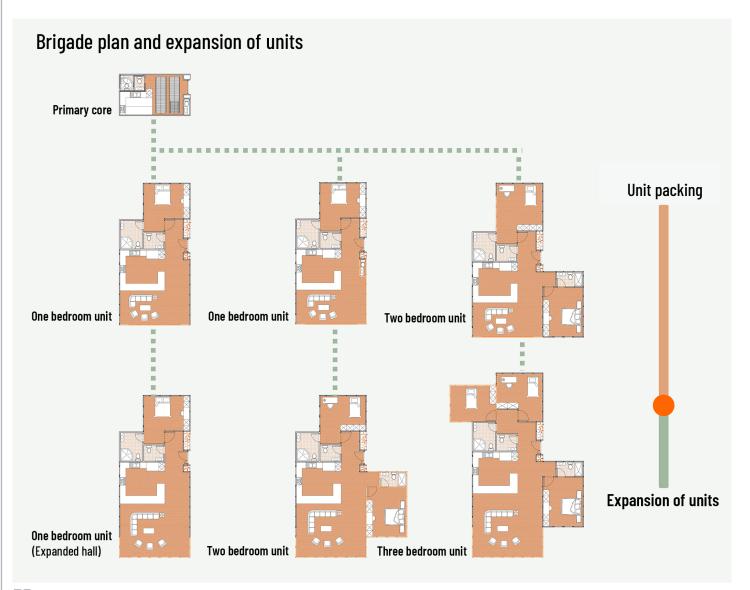


The second sample is more challengeable. As I believe in creaviting i prefered not to repeat the same project for the different semesters and the students were so passionate, I made a challenge in the design 5 description-sample B. I asked them to design a moveable residential complex. We called it a settlement for the future. Welcoming the subject, they tried hard in 4-5 member groups and we could even study and design the architectural details. The most important thing for me was that every student individually and in the group could think and grow in problem solving.

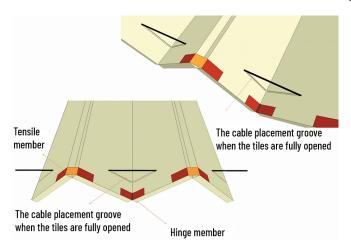
Details of the expansion and contraction of the structure and the covering of the bike lane

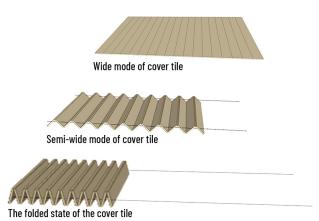




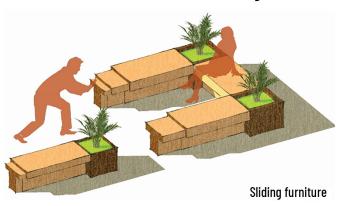


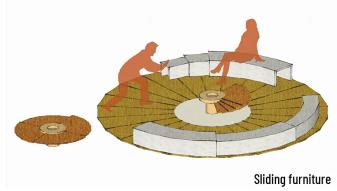
Roof and floor covering details of each unit





Folding details of outdoor furniture







Interior view (Taking pictures during the assembling of the residential units)

Outdoor landscape





08 SUPERVISOROF DISSERTATION-MARCH

Title: Design a Co-living complex in Pardis city,

Tehran,Iran **Year:** 2020

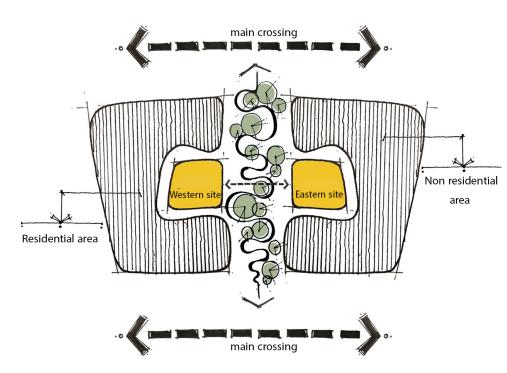
Student: Shabnam Mousaee **Supervisor:** Dr. Minoo Shafaei

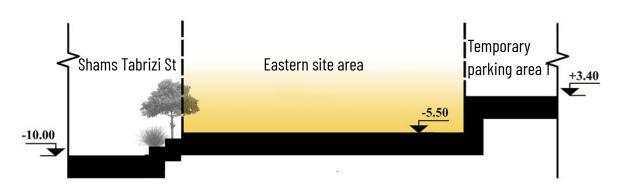
University: Architecture Department, Architecture

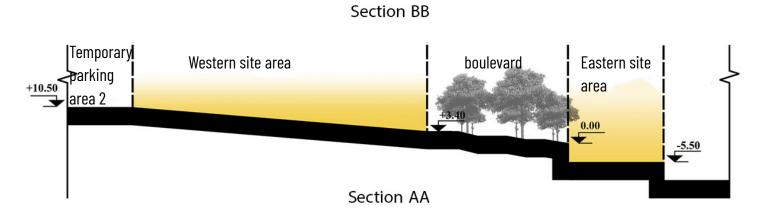
and Urban Faculty, Art University of

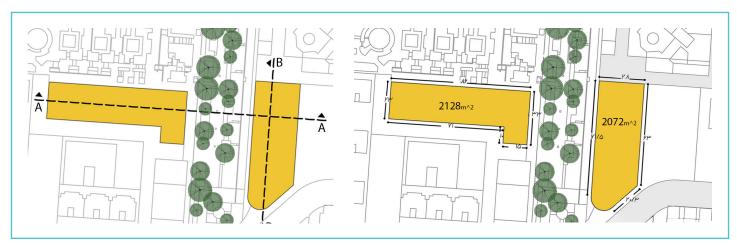
Isfahan/Iran

This project as a very new topic in Iran/2020 includes 2 parts. One, is the research on co/housing, co-living and co-working and the other part includes design process and design documents. The project is located in a small city around the capital of Iran-Tehran.

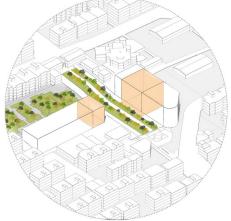






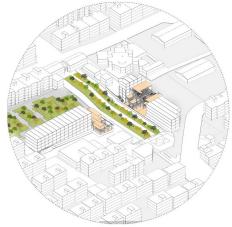


1



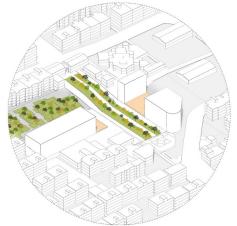
Paying attention to the key part of the volume of the horizontal communication range between the two parts of the site





Increasing the level of open/semi-open spaces at different levels in the middle opening of the eastern site

2

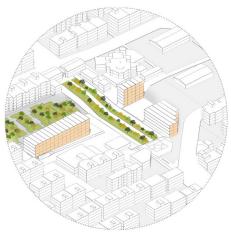


Volume discharge in the range of horizontal connection between two sites and in both blocks



Creating various open and semi-open spaces for residents by emptying the volume and sliding the volumes on each other

3



Partitioning of volume-Using regular structure and north-south extension of volumes



Divide the set into smaller sets



Design of co-living units besides co-working areas in a fresh landscape is the goal of this MA project.

The co-living units include private zone and semi-public zone such as living room and small pantry. There are public kitchen, laundry, playing room and multi-purpose library between co-living units.













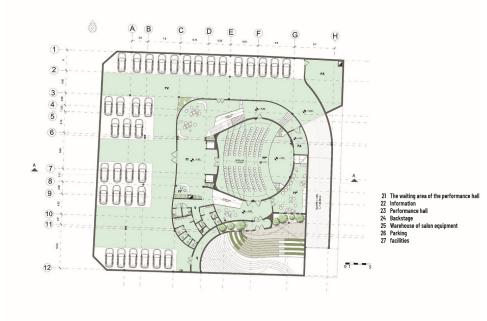
O9 SUPERVISOR OF FINAL PROJECT FORBA. DEGREE

Title: The Music Academy Tohid St., Isfahan/Iran

Year: 2020

Student: Bahareh Vosoughi **Supervisor:** Dr. Minoo Shafaei

The importance of BA final project is obvious. It's a complete project that both the product and the design process are very important. Also, technical design such design architectural must regarded. Here, is one the sample that with regular correctionsapproximately every week for 3 months- the student succeeded to complete it. I am satisfied with this project because it was a good attempt, with a proper management of time. the project includes 2 parts. The first is a study on standards and national/international architecture codes, site and behavior of the users. This part has been presented as a report. The second part is the visual presentation of design process and architecture documents.



Basement plan



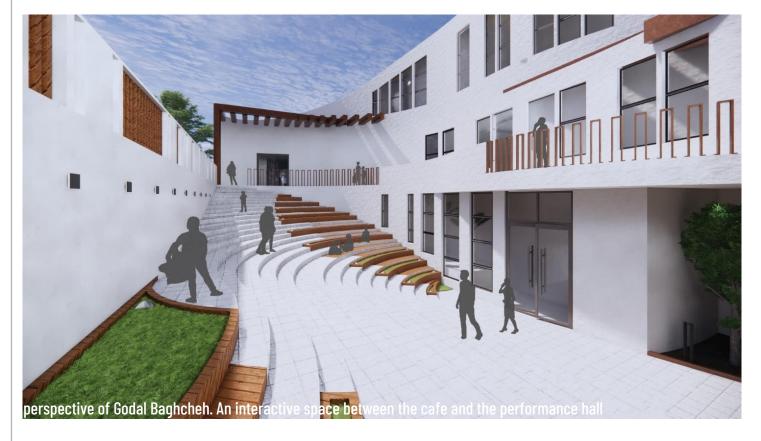
ground floor plan

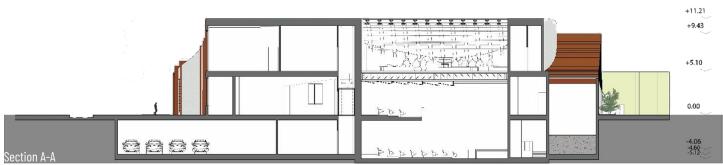


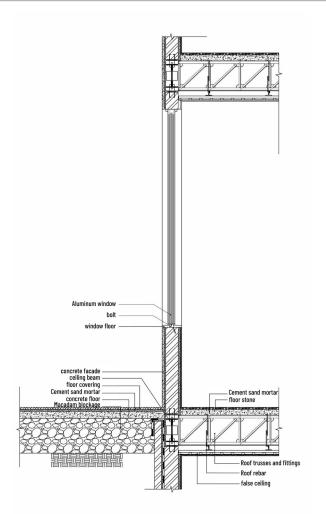
First floor plan







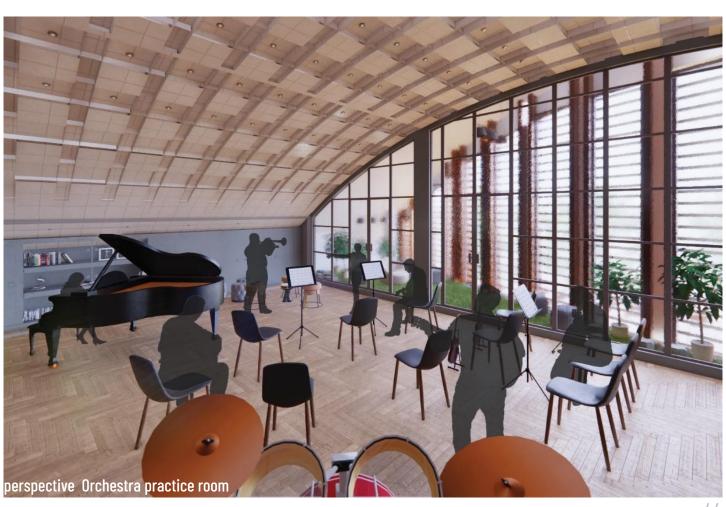








wall section detail



10 ARCHITECTURAL DESIGN2(SAMPLEA)

Title: Design of family House

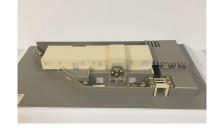
Year: 2016

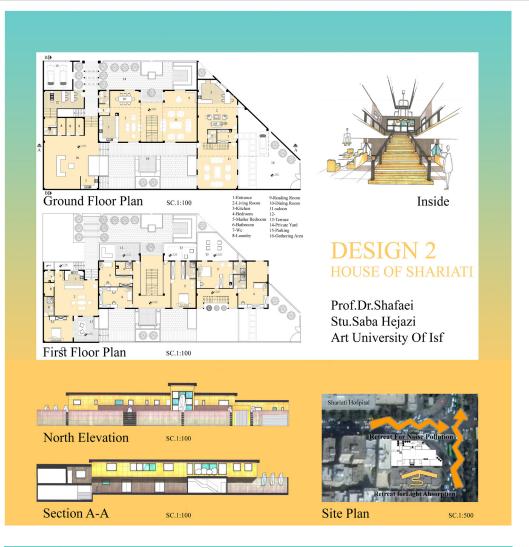
Student: Saba Hejazi

Supervisor: Dr. Minoo Shafaei

The goal of this project was designing a house for 3 families who belonged to 3 generations in a 500 square meters site. The challenge of the project was designing 3 private houses while a gathering space would join 3 families. First, I led the students to study on Privacy, territoriality and individuality as the residential behavior patterns. Each family needs and behaviors were Discussed . During individual corrections and the class discussion, the students could find the relation between the studies and their design. The characteristics of each part of a house- private, semi-private and public areawere discussed.









ARCHITECTURAL DESIGN2(SAMPLEB)

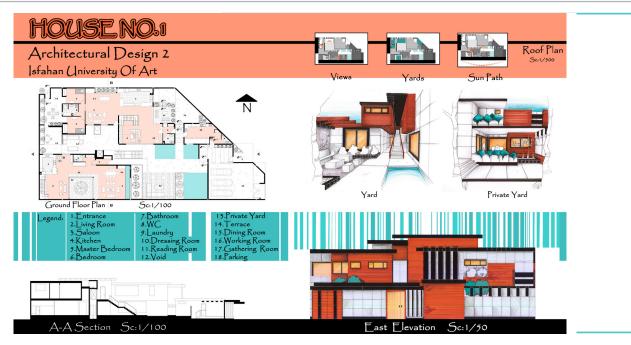
Title: The multiple Private houses for 3 generations

Shariati St., Isfahan/Iran

Year: 2016

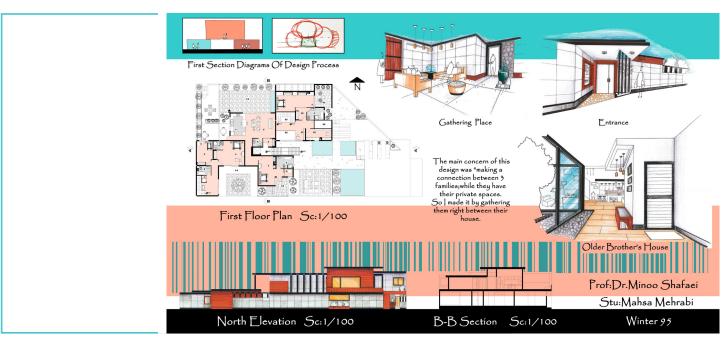
Student: Mahsa Mehrabi

Supervisor: Dr. Minoo Shafaei



I believe the study way is so important for the intermediate architecture students. So, I asked the class to be divided to two groups then, I held some competitions for them to make them to think about the characteristics of each part of home. For example, the best ratio and shape of a living room was discussed during an enjoyable competition between 2 groups who must guessed which picture is living room and why.

This method was developed for the whole semester.



12 ARCHITECTURAL DESIGN1

Title: exhibition **Year:** 2015

Student: Saba Hejazi

Supervisor: Dr. Minoo Shafaei

As, the goal of design studio 1 in AUI curriculum is a complete design process practice, I tried to define a small project such as local exhibition to have enough time for a full design process.

As the students were toddlers in architecture world, I develop the design process and creativity process with a game-based* program. However, it was too difficult for me to design a new game for every session that was suitable for the mature students while responding to every design process' stages but, the result was outstanding. The students enjoyed an exhibition design while practicing how 2 design from a metaphor/concept to architectural documents.

* I have published this game-based learning method for architecture students in:

Shafae Minoo, "The role of game-based education in teaching architecture design

(Case study: Architecture design -1 B.A.)", Journal of Technology of Education, 2018 [In Persian] https://doi.org/10.22061/jte.2018.3116.1790



