

# P o r t f o l i o

*Architect/Interior Architect*

Seyedeh Mojgan Sadat Akhavani

2015-2022

Selected work



A building has two distinct lifespans: the envisioned life of its creator and the actual life it lives after completion, and they are never the same.

**Rem Koolhaas**



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## About me

I am a PhD Student at Thomas Jefferson University. My interest in the field of Architecture was sparked by living in Iran, which is home to many magical historic buildings and districts. During my academic life, my research interests in Architecture and Historic Preservation areas have led me to author papers as well as attend conferences. Over the years, I have acquired considerable expertise in Architecture and Interior Architecture, and I am eager to employ my experience to restoring, designing and doing research on both interior and exterior of buildings needing consideration. I believe in a global workspace. Accordingly, after developing a strong scientific foundation in Designing and Research.

## Education

- PhD in Architecture and Design Research  
Thomas Jefferson University 2023-
- Master's Degree in Interior Architecture  
Pars University of Art and Architecture  
2015-2018. GPA: 16.38 of 20
- Bachelor's Degree in Interior Architecture, Soore University  
2009-2014. GPA: 16.45 of 20.

## Research Interests

Architecture, Interior Architecture, Preservation of Modernism, Adaptive Reuse of Historic Buildings.

## Experience

- Research Assistant, Thomas Jefferson University, August 2023- Present  
Supervisor: Professor David Breiner
- Junior Designer, Zahir Art and Architecture Studio, December 2021- August 2023, Supervisor: Maryam Esfandiary
- Content Producer, Graphic Designer, Parsarc Co, July-October 2021
- Teaching Assistant for "Interior Architecture communication & Interior Architecture Design Studio, 2019-2021. (voluntary)  
Professor: Dr. Abdolreza Mohseni, Pars University of Art and Architecture.
- Stage Designer, Salman Farsi Historical Movie February-June, 2019. (Internship)  
Pars University of Art and Architecture. Supervisor: Dr. Abdolreza Mohseni

## Software Skills

Grasshopper	■■■■■□□□□	3ds Max	■■■■■□□□□
Autocad	■■■■■□□□□	Photoshop	■■■■■□□□□
Rhinoceros	■■■■■□□□□	Illustrator	■■■■■□□□□
Corona	■■■■■□□□□	Indesign	■■■■■□□□□
Revit	■■■■■□□□□	SketchUp	■■■■■□□□□

## Language

English (TOEFL) ■■■■■□□□□	Persian (Native) ■■■■■□□□□
Overall Best Score: 96 Writing: 25 (Best Score)	French (Basic) ■■■■■□□□□

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Academic project 2017

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## Book store & Library Interior Design

2022

Location: District3, Tehran, Iran

Zahir Art & Architecture Studio

Supervisor: Maryam Esfandiary Zahir

3D Designer: Seyedeh Mojgan Sadat Akhavani

The main purpose of creating this cultural and commercial complex was to create a commercial place and a store for buying books, magazines, articles, and a cultural environment that includes a library. In addition to shopping, customers can use the library at the same time. In today's highly competitive world, the main factor of success or failure of a business and store project is more important than any other issue.

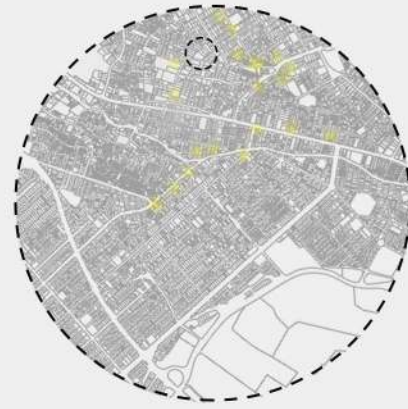


District 3-Tehran

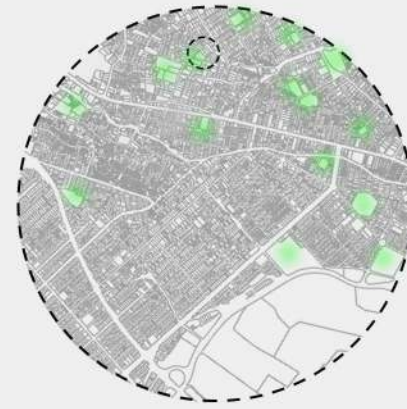




Commercial Areas



Cultural Areas

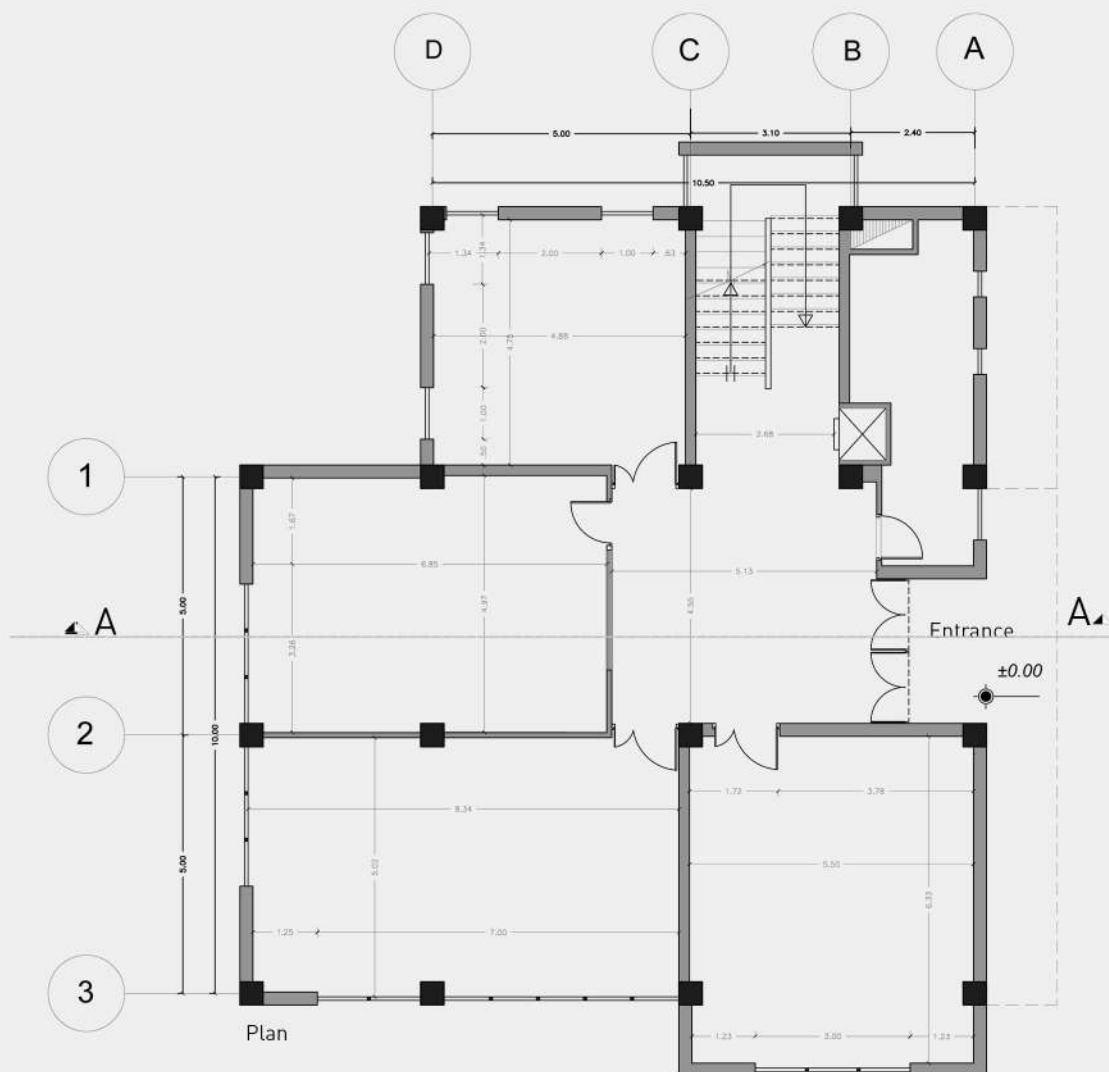


Green Areas

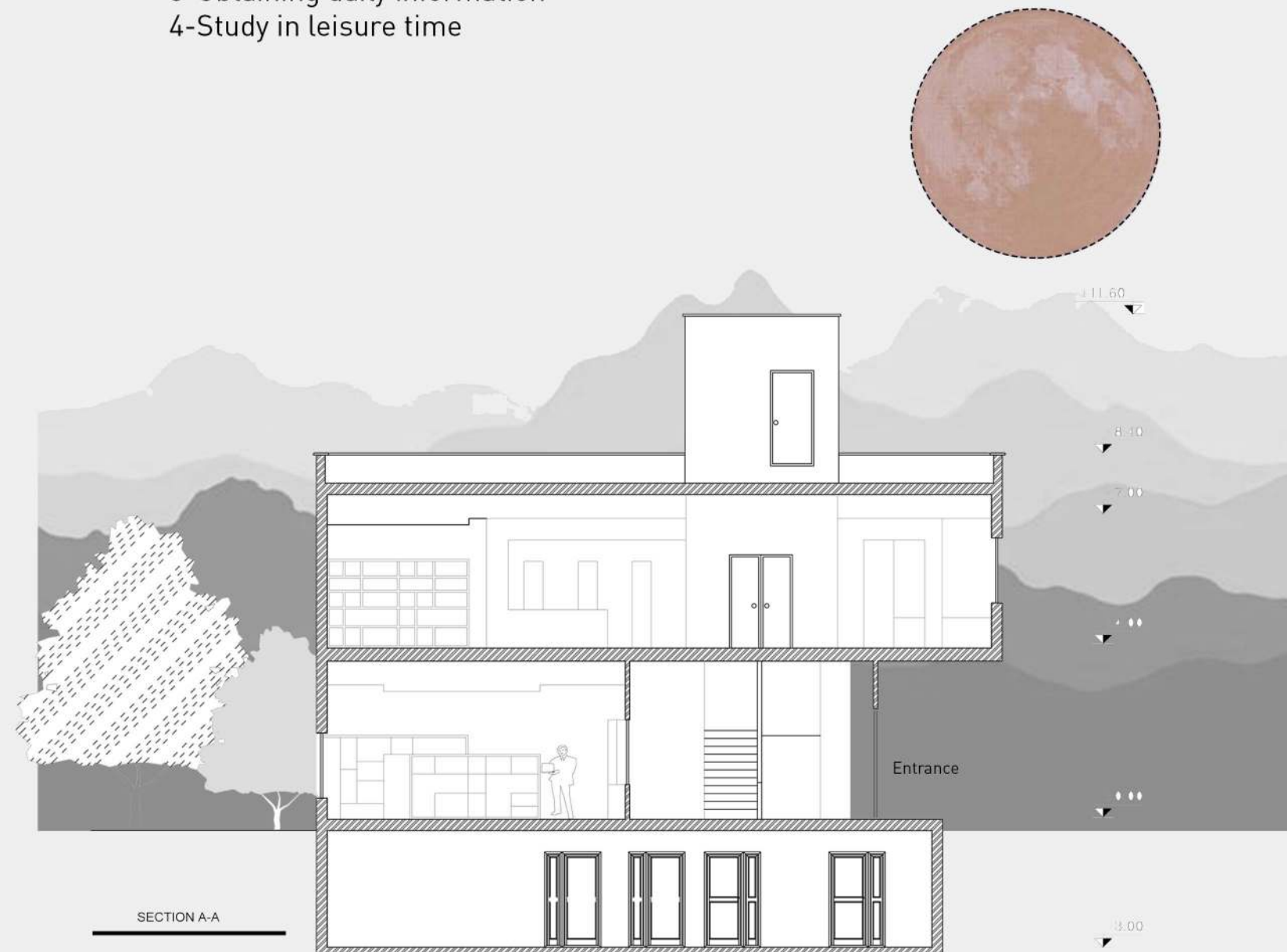
The project is located in close proximity to District 3 of Tehran, which is situated near a green expanse. This region is within easy reach of several commercial and cultural hubs, which is a unique opportunity to draw in a significant number of customers, thereby fostering a culture of reading and book acquisition.

The study of shopping has evolved to recognize that shopping is no longer seen as an arduous, lengthy process, but instead, it has become an activity that can be integrated into one's work environment. In order to accomplish this, the design of this site has several primary objectives:

- 1- Helping to develop and improve knowledge
- 2- Stimulating cultural participation
- 3- Obtaining daily information
- 4- Study in leisure time



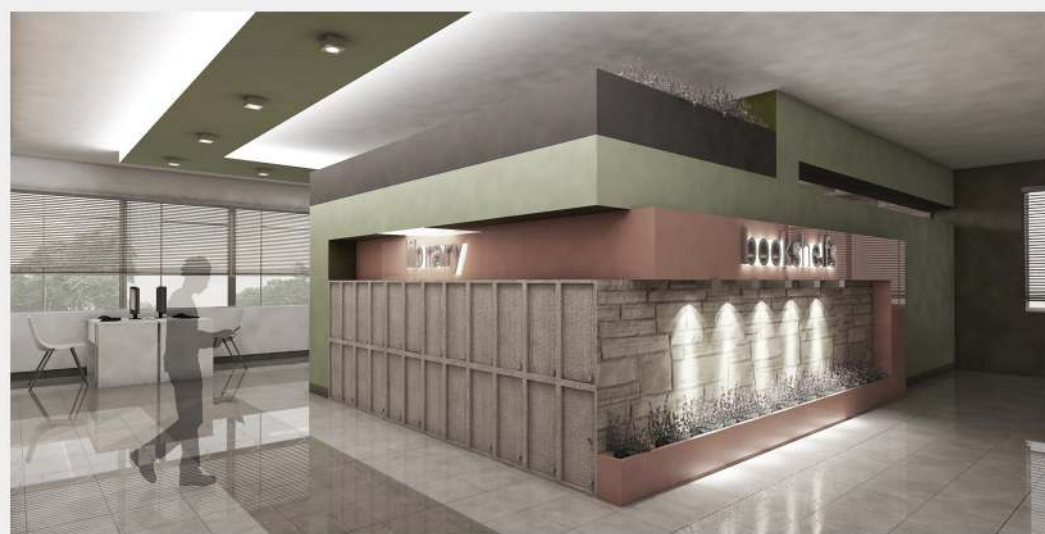
Entrance







Render, area 8



Render, area 7



Render, area 7

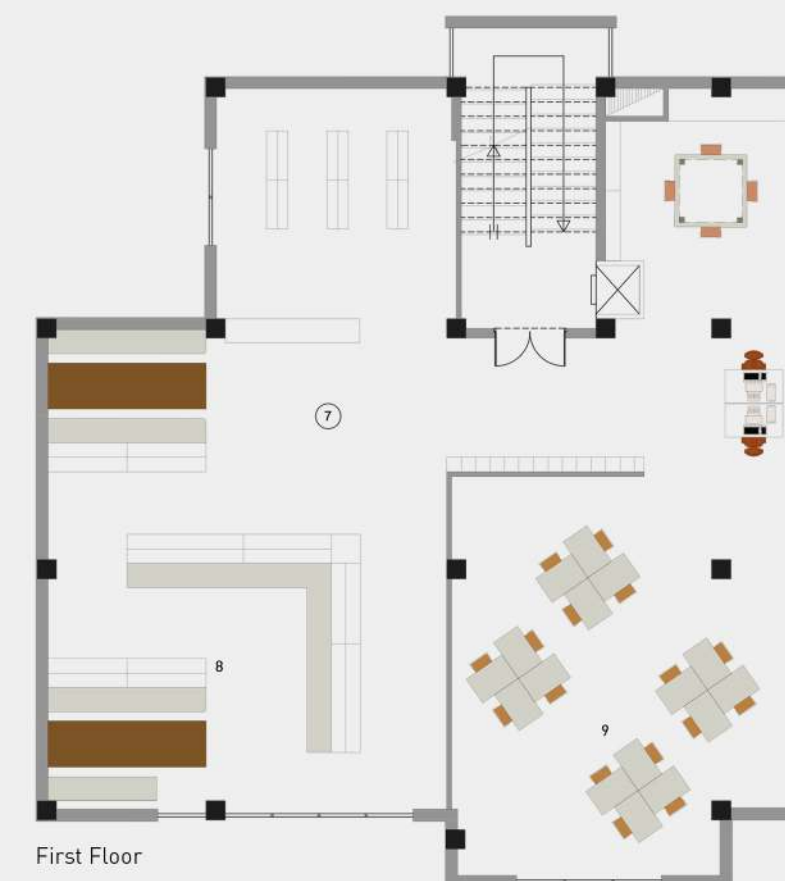
## Program

- 1- Entrance
- 2- Shopping area-1
- 3- Shopping area-2
- 4- Shopping area-3
- 5- Wc
- 6- Site
- 7- Reception
- 8- Bookshelves
- 9-Reading Area

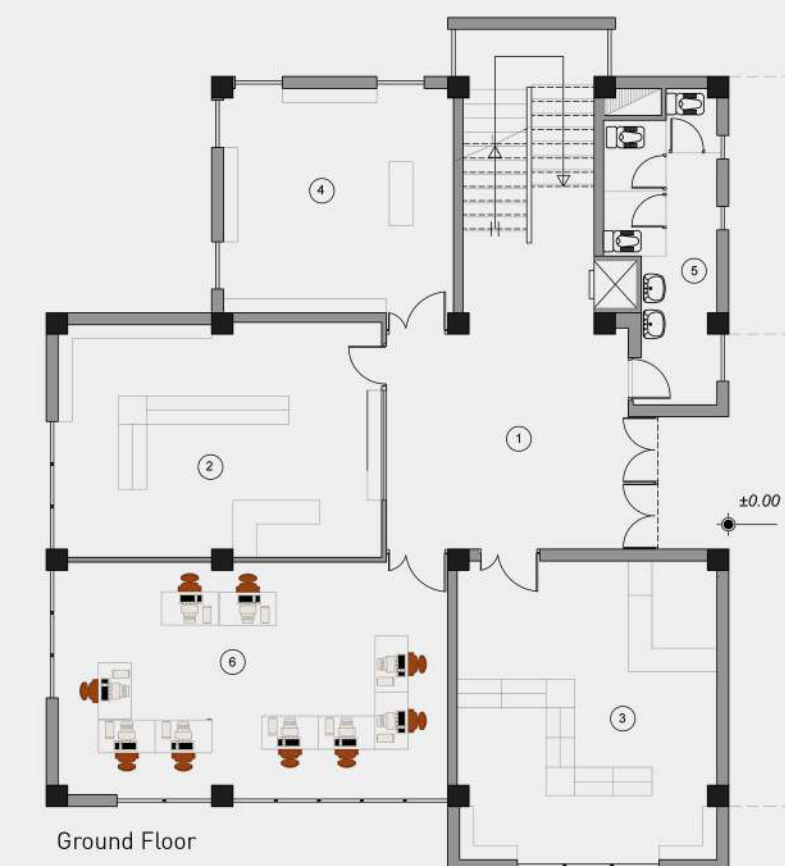
Free access to books that are placed next to each other on the shelves according to the subject is the most effective and easiest way to use the collection of a library. This method, which is used in some libraries, is a suitable method for quickly retrieving books in a small collection.



Render, area 7



First Floor



Ground Floor





## The Interior Design of an Iranian Traditional Handicrafts Store

2018

Location: District3, Tehran, Iran

Master's thesis project

Supervisor: Dr. Abdolreza Mohseni

Student: Seyedeh Mojgan Sadat Akhavani

The purpose of this design is to create a store selling Persian rugs, which are traditional handicrafts created by nomadic peoples in Iran that are in danger of being forgotten. This design seeks to draw attention to and create an appreciation for these handicrafts, and thereby provide an economic boost to the nomadic people who create them. The store's location near a metro station is meant to symbolically represent the nomadic people's transient lifestyle.

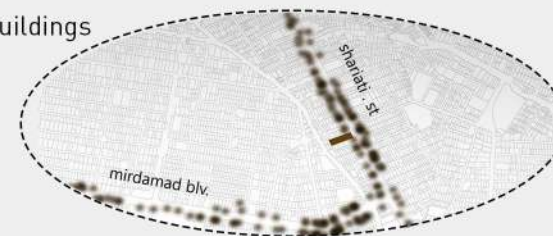


District 3-Tehran





- Site
- Commercial buildings near the site



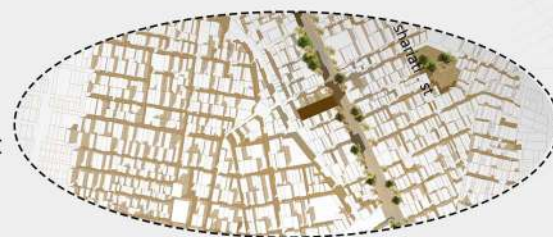
- Site
- Shariati street
- Mirdamad blv.



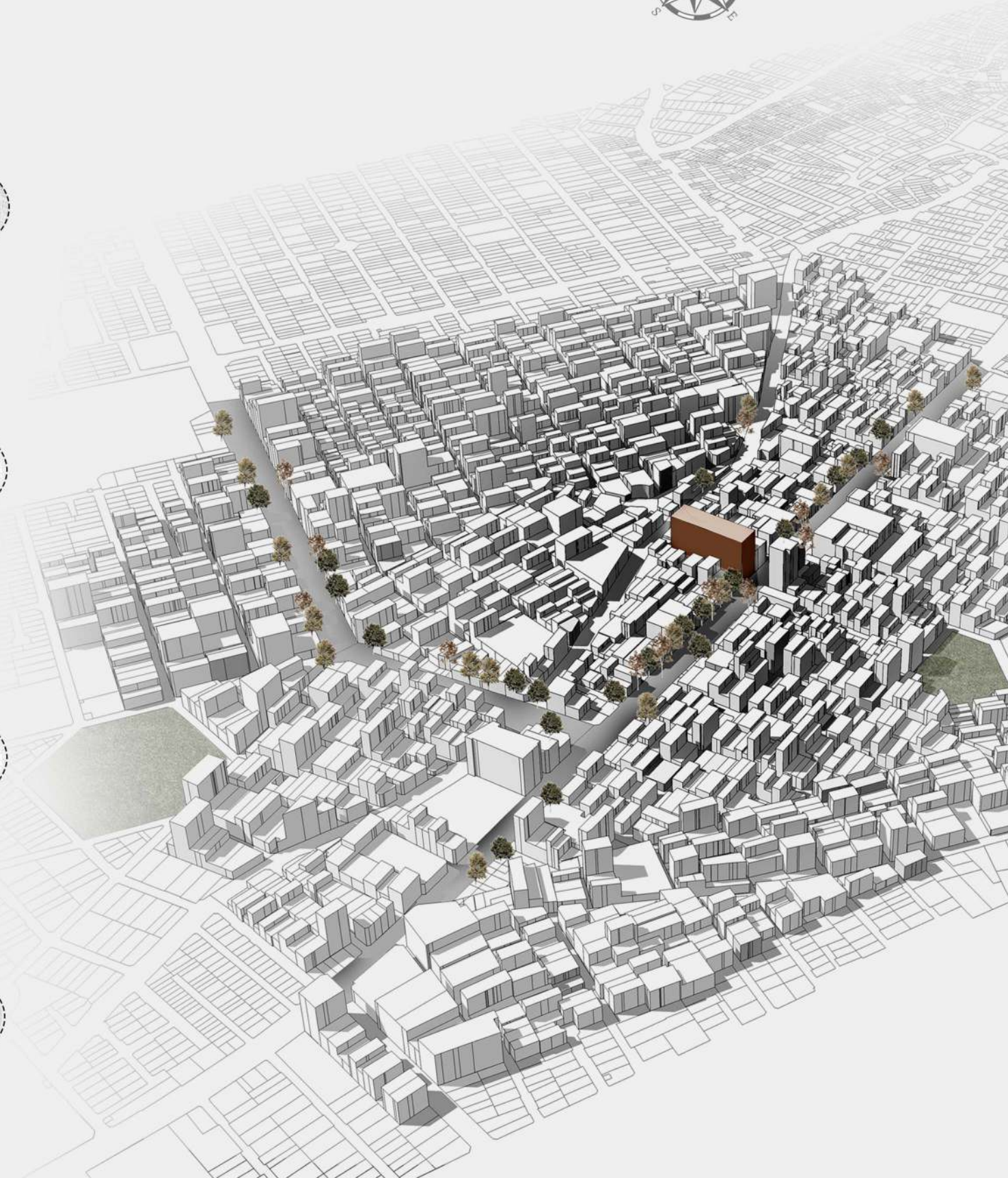
- Site
- main streets around the site



- Site
- Shariati street

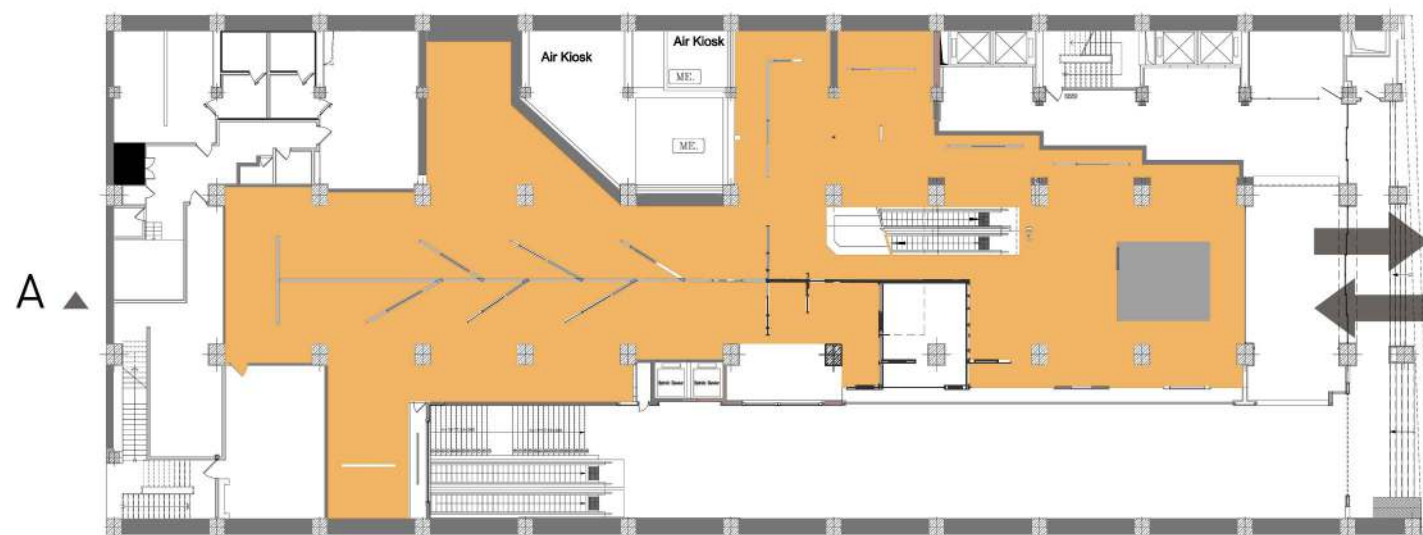


The store is situated in District 3 of Tehran, located on Shariati Street, adjacent to the entrance of Dr. Shariati Metro Station, one of the major arteries in this district. Furthermore, Mirdamad Street, another significant road in the area, is in close proximity to the site. These two streets are replete with shopping stores and malls and are pivotal for linking the north and south of Tehran (Shariati Street) and west and east of the city (Mirdamad Street).



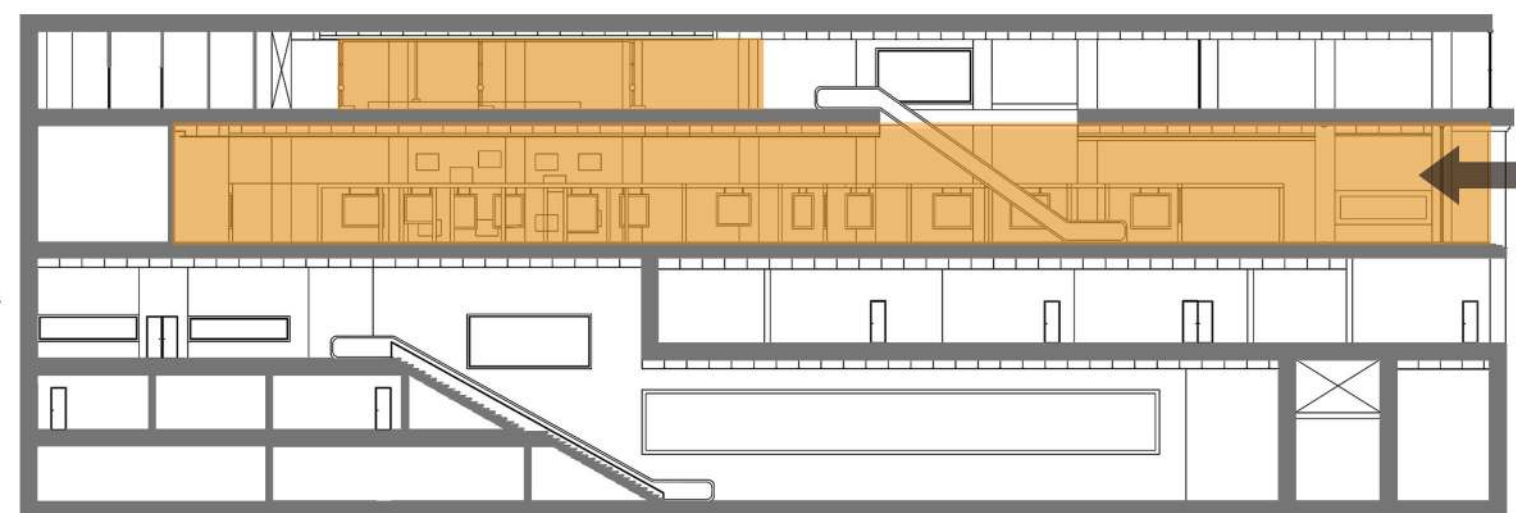
The store is located near the Shariati metro station  
Tehran, Iran



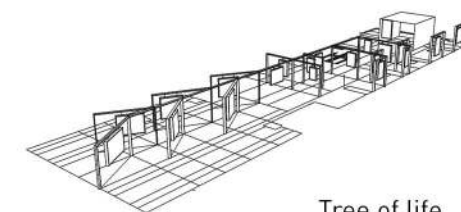
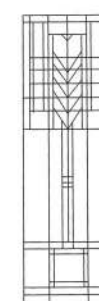


Ground Floor Plan

The yellow zone on the maps indicates the area devoted to design on the first floor. As certain motifs in traditional Persian rugs are symbolic of longevity, divinity, and other spiritual concepts, a representation of the Tree of Life, which can be found in some ancient Persian rugs, is used to create the display cases in the first floor to illustrate the major concept of the design.



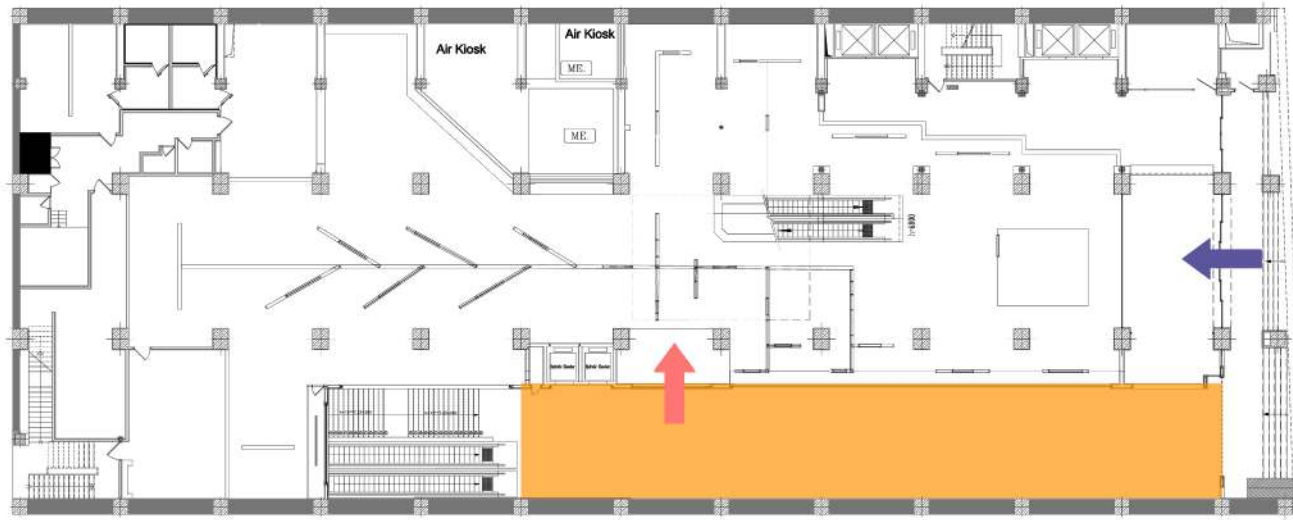
Section-A-A



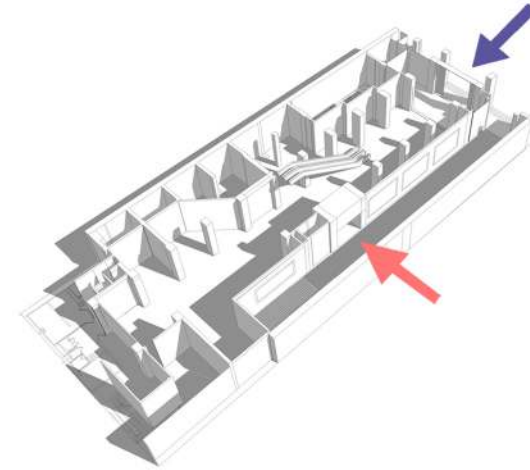
Tree of life



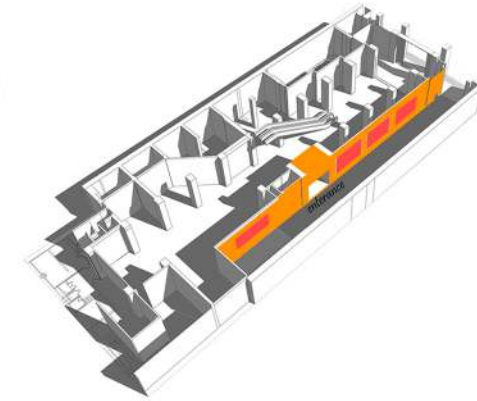




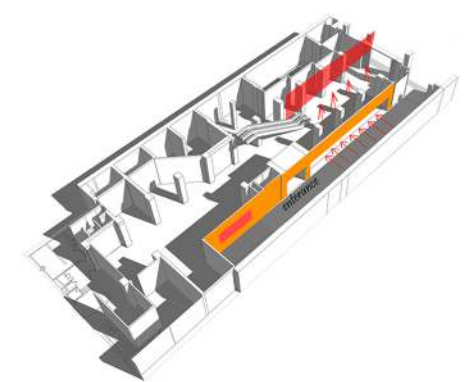
The structure features two portals: one adjacent to the metro station and the other situated along Shariati Street. The walls at the entrance of the hallway were removed to create an open window and improve the inviting atmosphere for visitors.



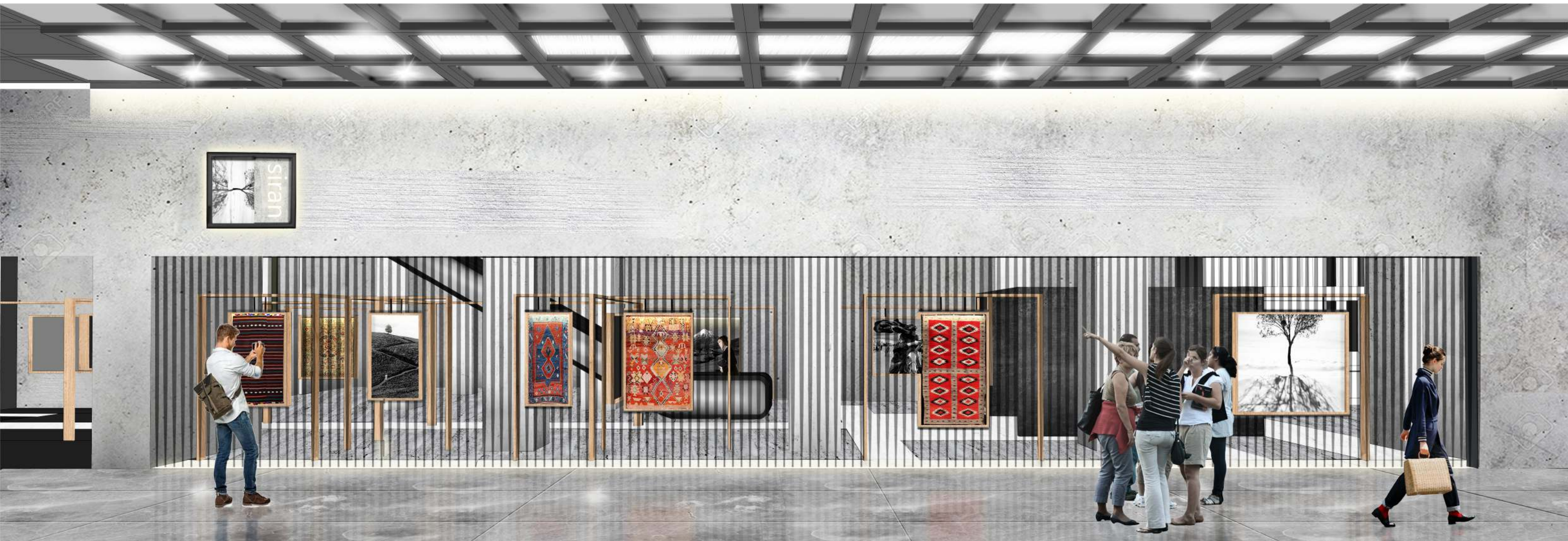
Entrance through Shariati street is shown by the blue arrow, and the entrance through the metro station corridor is shown by the red one.



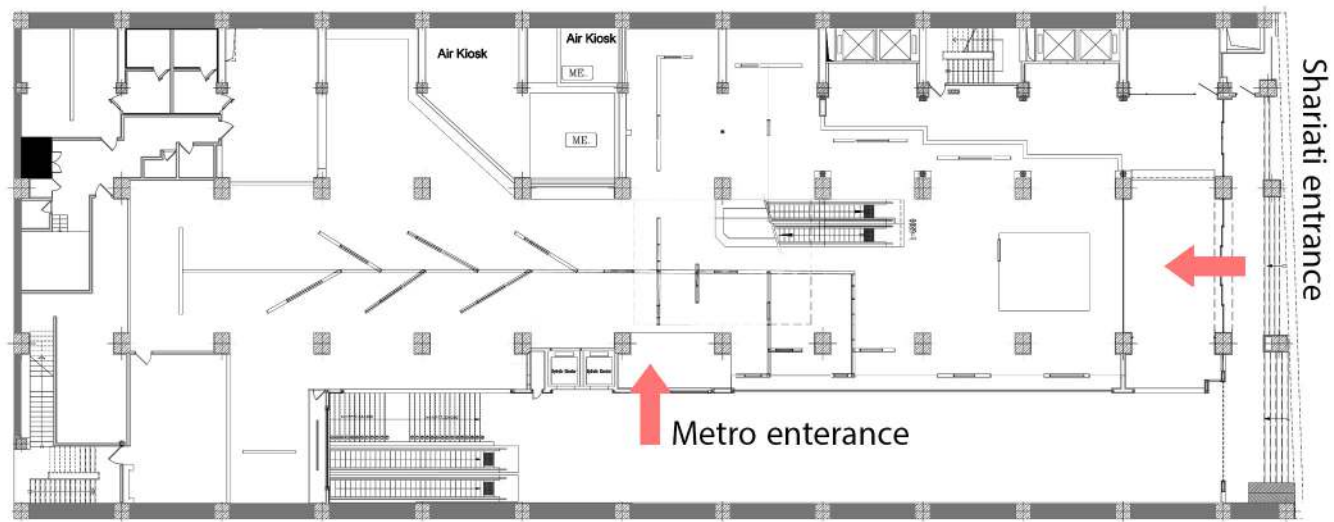
Walls of the corridor have been picked up. Colored areas show former situation of the corridor.



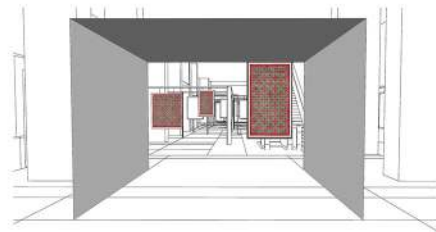
Current situation shows an open window which can enhance the atmosphere of the environment to attract people.



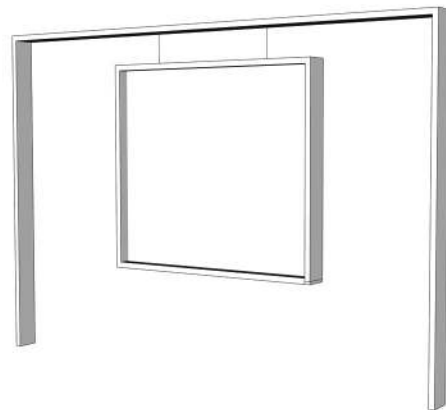
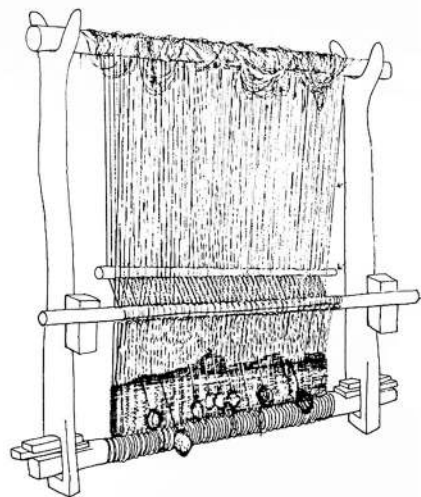




The majority of ancient Iranian entrances integrate shadings, and their concave shape augments the sensation of welcome. This concept has been applied to the primary entrance along Shariati street.



Iranian nomadic people use looms to weave rugs. The design of the displays is inspired by the traditional Persian rug looms.

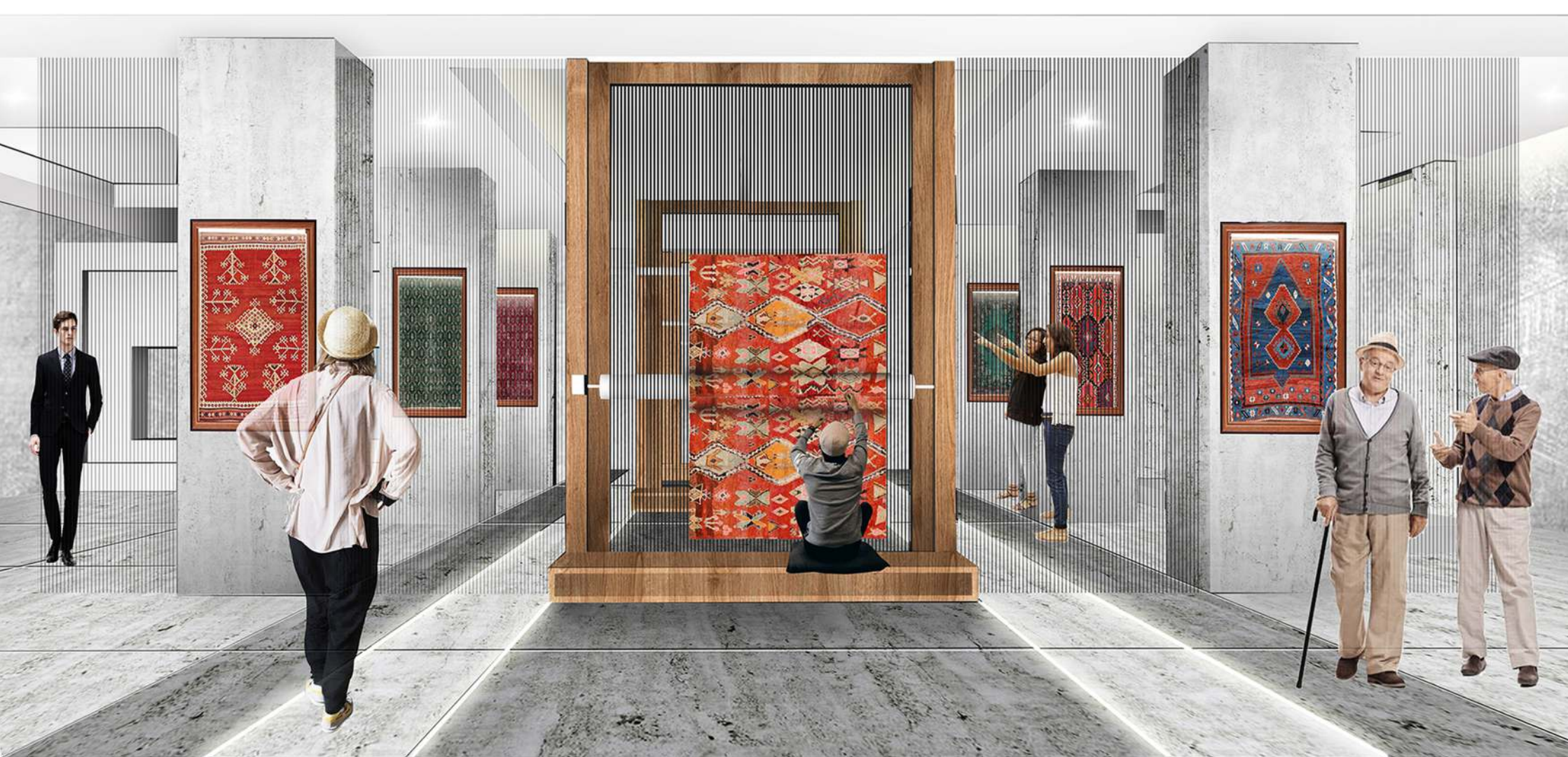


Metro entrance



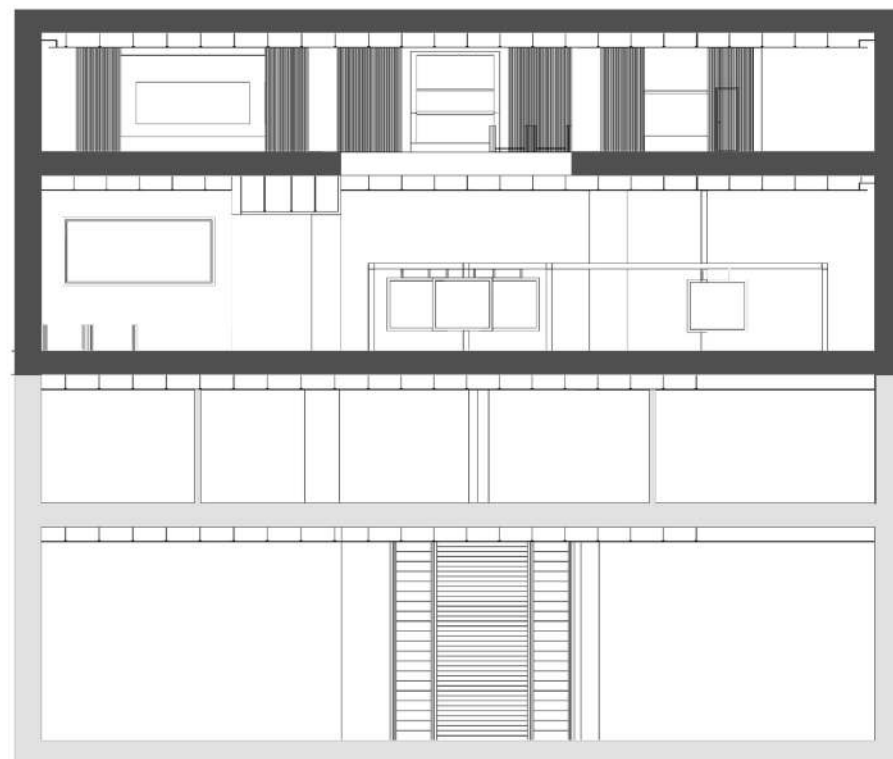
Shariati entrance





Second Floor

On the second floor, there is an area that allows customers to observe nomadic people as they weave rugs. With this approach, customers can gain an appreciation for different types of rugs and understand their value more fully. This serves to invite more people to visit and appreciate these valuable products.



Section-B-B



First Floor





## The Design of the Amphitheater in the Mirror Hall of Masoudieh Mansion

2015

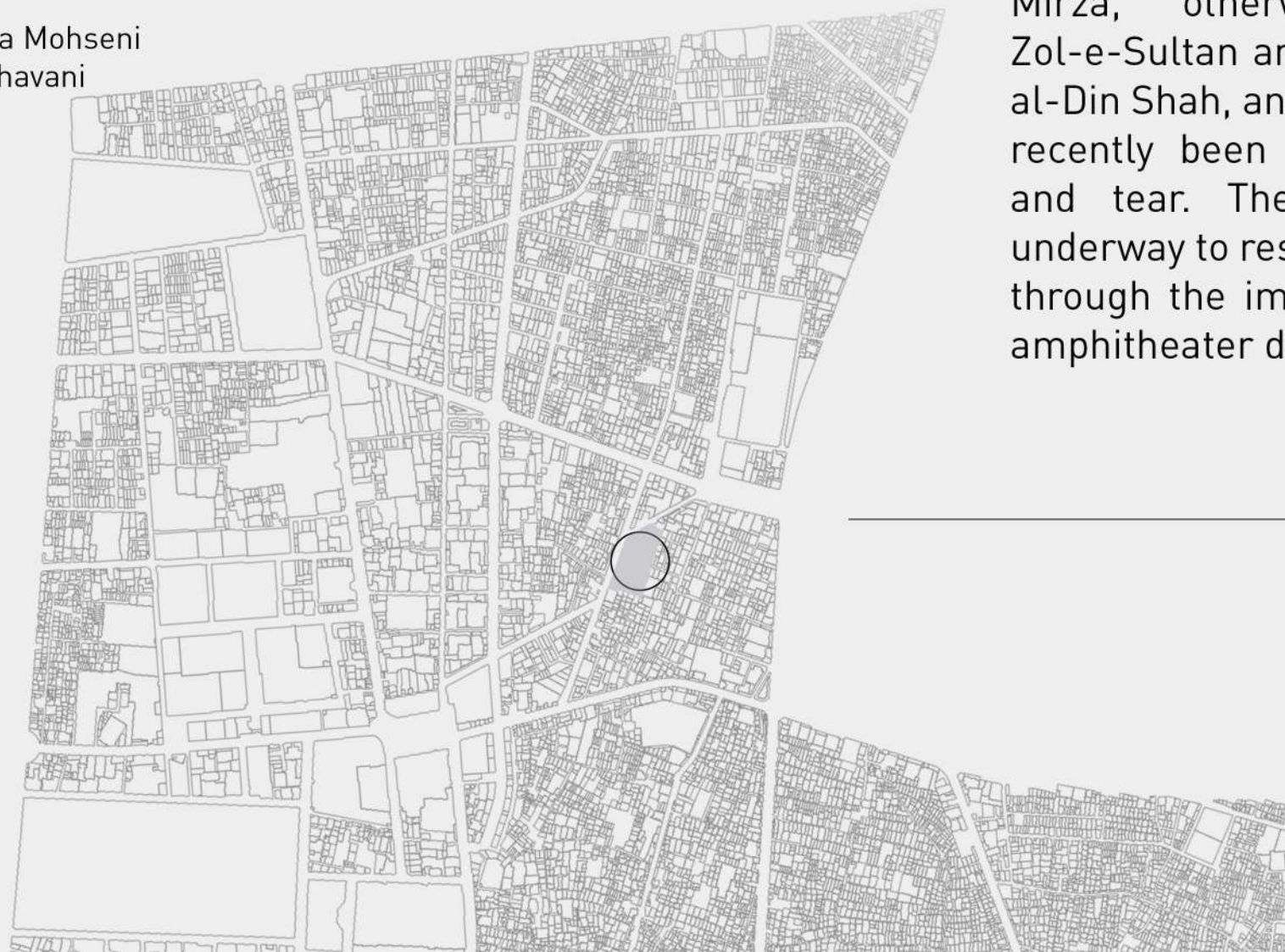
Location: District 12, Tehran, Iran

Interior Design Studio 2

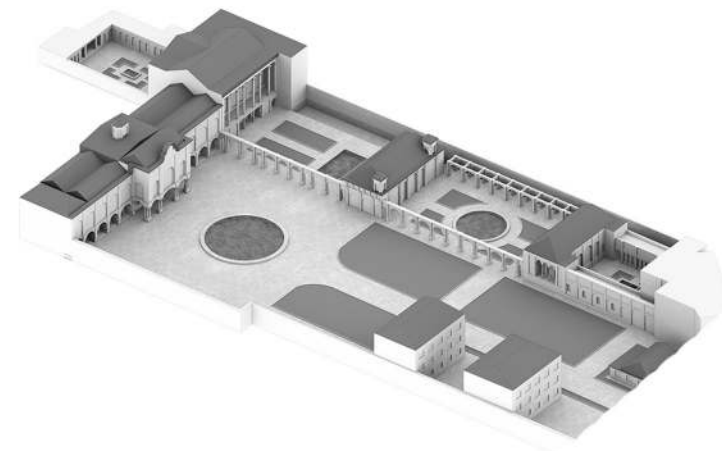
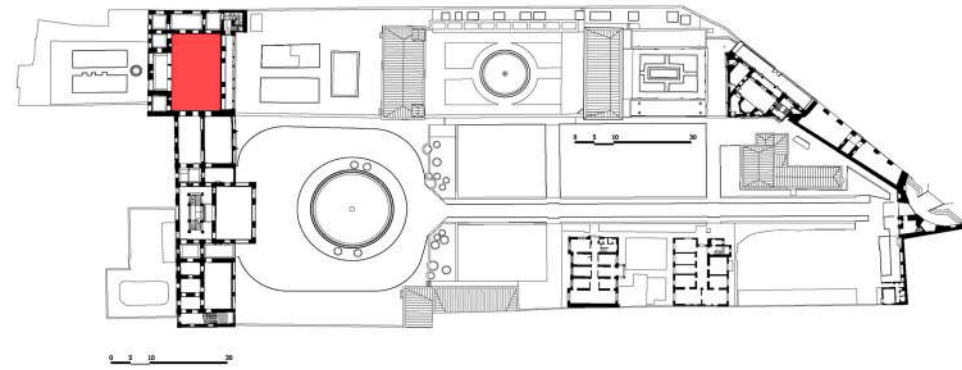
Professor: Adel Farhangi, Abdolreza Mohseni

Student: Seyedeh Mojgan Sadat Akhavani

The Masoudieh Mansion, which is situated in Baharestan Square in District 12 of Tehran, is a structure that dates back to the Qajar period. It was commissioned by Massoud Mirza, otherwise known as Zol-e-Sultan and the son of Naser al-Din Shah, and its mirror hall has recently been subjected to wear and tear. Therefore, plans are underway to restore the mirror hall through the implementation of an amphitheater design within it.



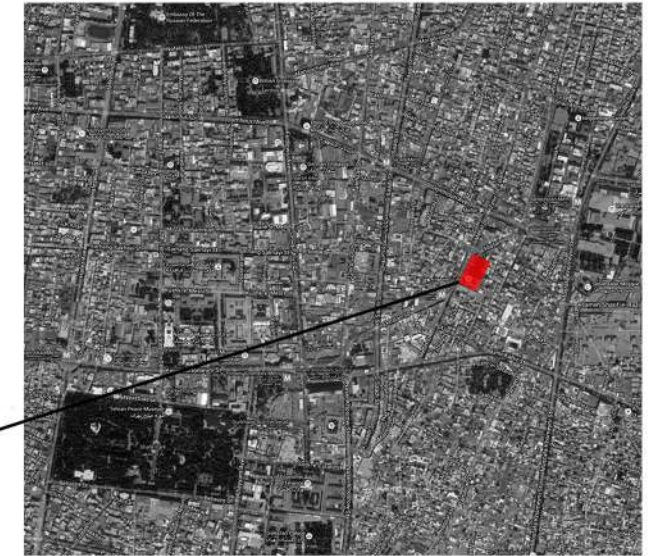




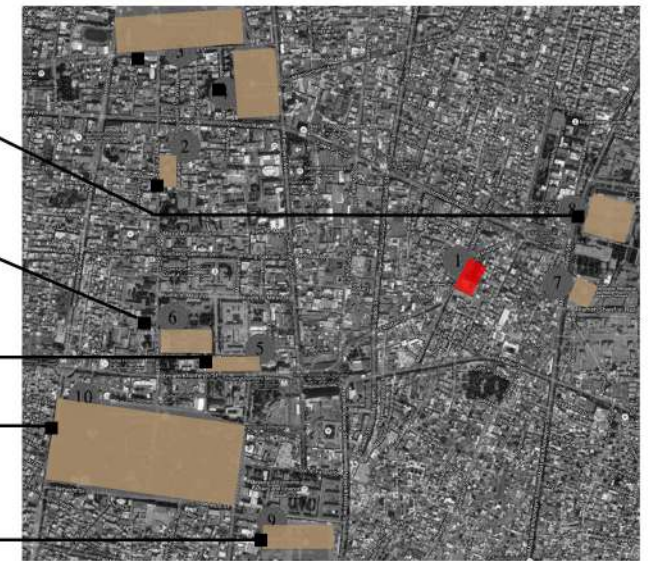
The mansion has a primary entrance located to the north, and encompasses various areas including a mirrored hall which is indicated in red on the maps. All sections of the structure have undergone renovations and restorations apart from the mirrored hall, which is an integral component of this project.



It is evident that this area has been adversely affected. To preserve the originality of the structure, no components have been altered.



Masudied Mansion



Sepahsalar Mosque

The Gate of national Garden

Iran Ebrat Museum

Shahr Park

Golestan Palace

Important Places near the site



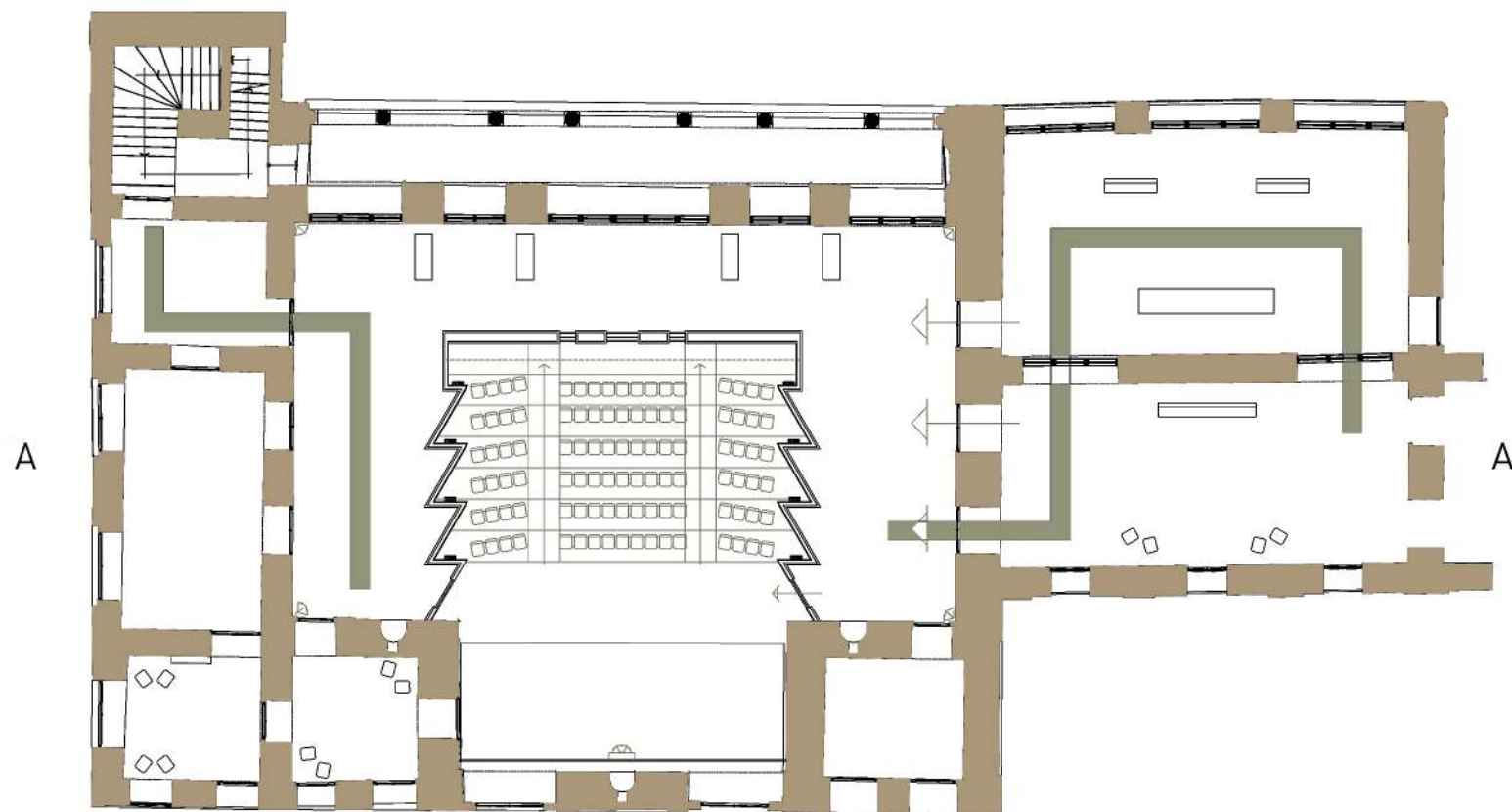
Baharestan Square

Hasanabad Square

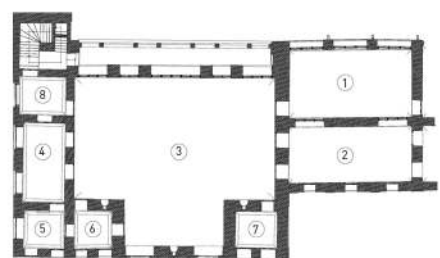
Emam Khomeini Square

Important Squares near the site

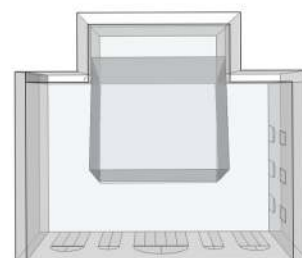
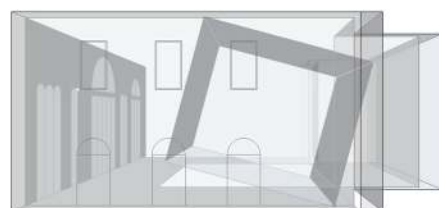
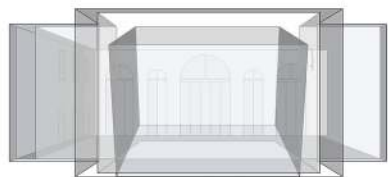




Mirror hall Plan



- 1-Entrance
- 2-Entrance
- 3-theatre hall
- 4-make up room
- 5-men changing room
- 6-women changing room
- 7-Installation room
- 8-Exite room



The rectangular form of the amphitheater mirrors the principles of Iranian Architecture, and the white color is utilized to reflect the shadow of the vibrant windows.

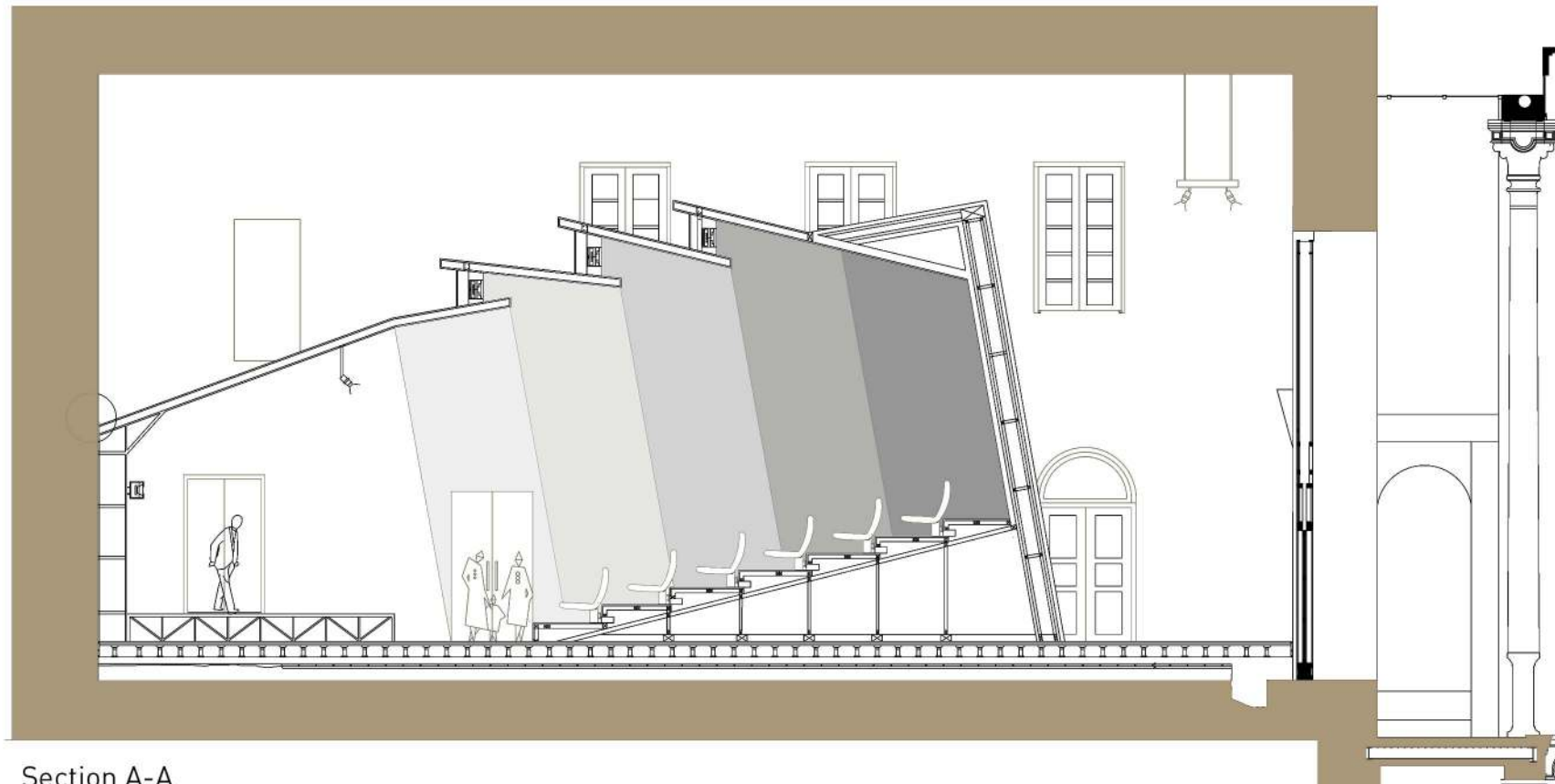


Render 1

The primary focus of the design was to emphasize the visual appeal and proportions of the primary design elements, particularly the windows. Additionally, none of the primary materials used in constructing the building have been altered.







Section A-A

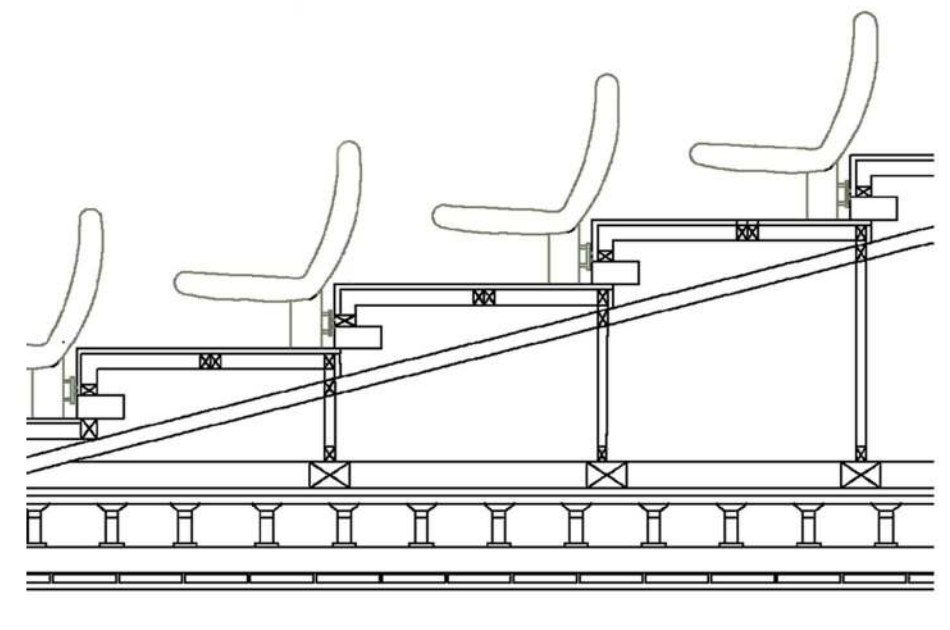


Render 2

The selection of the objects and materials for the building are structured in a manner that limits any damage that may occur. Most of these materials are composed of wood and fiberglass.



Render 3



Section of the chairs





## Design of the Swarovski Store Display

2017

Location: District 1, Tehran, Iran

Interior Design Studio 3

Professor: Dr. Abdolreza Mohseni

Student: Seyedeh Mojgan Sadat Akhavani

The Swarovski Crystal Business, an Austrian producer of cut lead glass situated in Wattens Austria, is the most profitable company in the world and has a global presence with approximately 2,680 stores located in around 170 countries and over 26,000 employees. Recently, we endeavored to design a showcase for one of their stores situated in District 1 on Pasdaran Street in Tehran, which is near Atlas Mall and various other renowned buildings.



District 1-Tehran

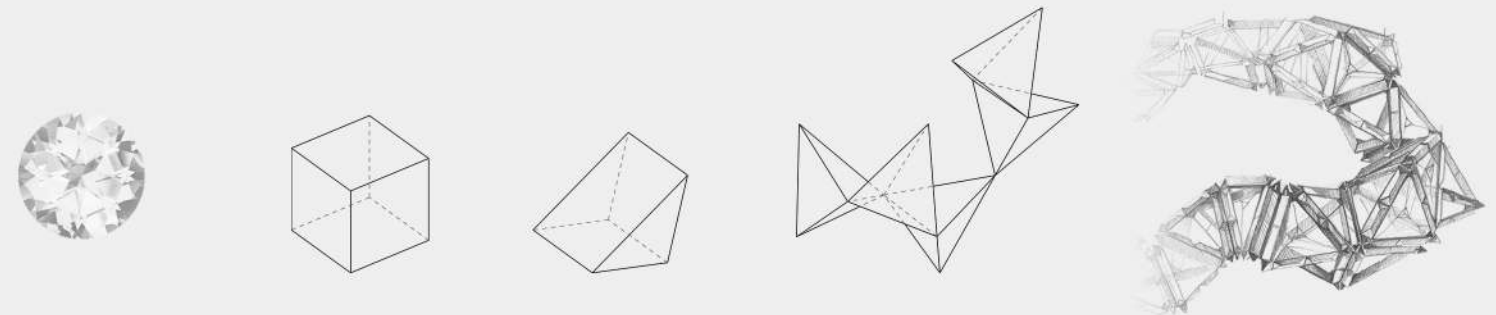


## ANALYZING OF THE SITE

THE BUILDING IS LOCATED IN TEHRAN ON PASDARAN STREET



Since its establishment by Daniel Swarovski in the early 1900s, the company has been devoted to upholding its responsibility to protect and conserve the natural environment.



Individuals should be able to recognize and appreciate the natural beauty of precious stones, consequently, the forms and colors of the window display are deliberately designed to illustrate the concept of ice crystals being the primary form.

Important commercial buildings near the site

- 1-Atlas Mall
- 2-Ava Center
- 3-Park Center

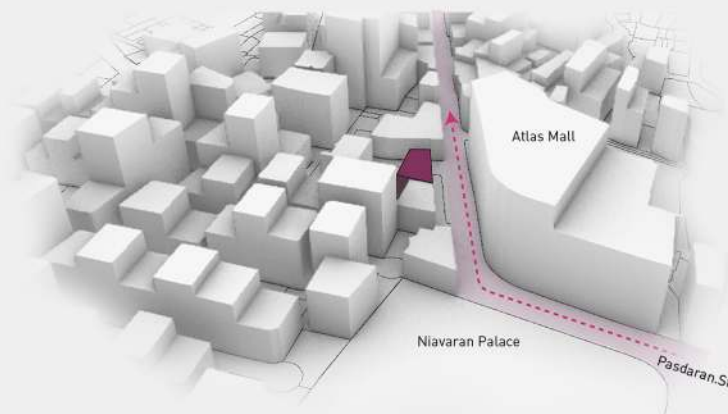
Public transportation

- 1-Nobonyad Metro Station
- 2-Aghdasieh Bus Station

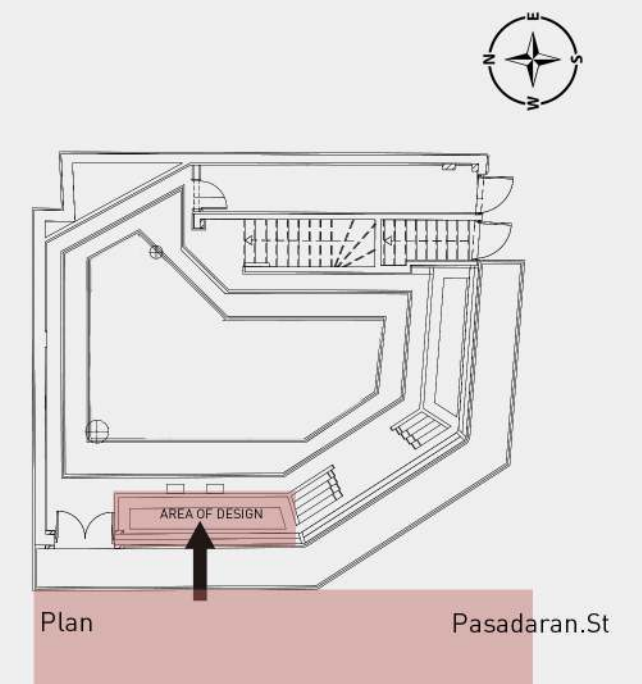
Nearest important buildings

- 1-Niavaran Palace
- 2-Niavaran Park

Pasdaran.St



Design of the window





## Lighting Design

2021

Location: Tehran, Iran

Innovation Fabrication Methods Workshop

Holder: Iranian Architecture Center

Team Members: Seyedeh Mojgan Sadat Akhavani

Hasan Pishahang



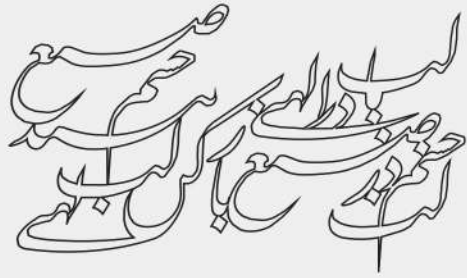
For this project, a lighting has been designed to portray a poem by Hafez, who is considered a renowned figure in Persian literature. His works are highly revered and often found in the households of those who speak Persian, as they strive to memorize his poems and use them as common phrases and expressions. The top of the object displays the poem from Hafez, which translates to "open your eyes to the divine, and stay silent."





# Design process

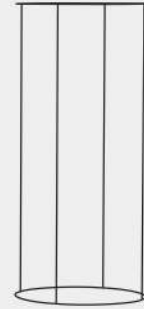
## Lighting design



cut with CNC cut machine



folded by folding machine



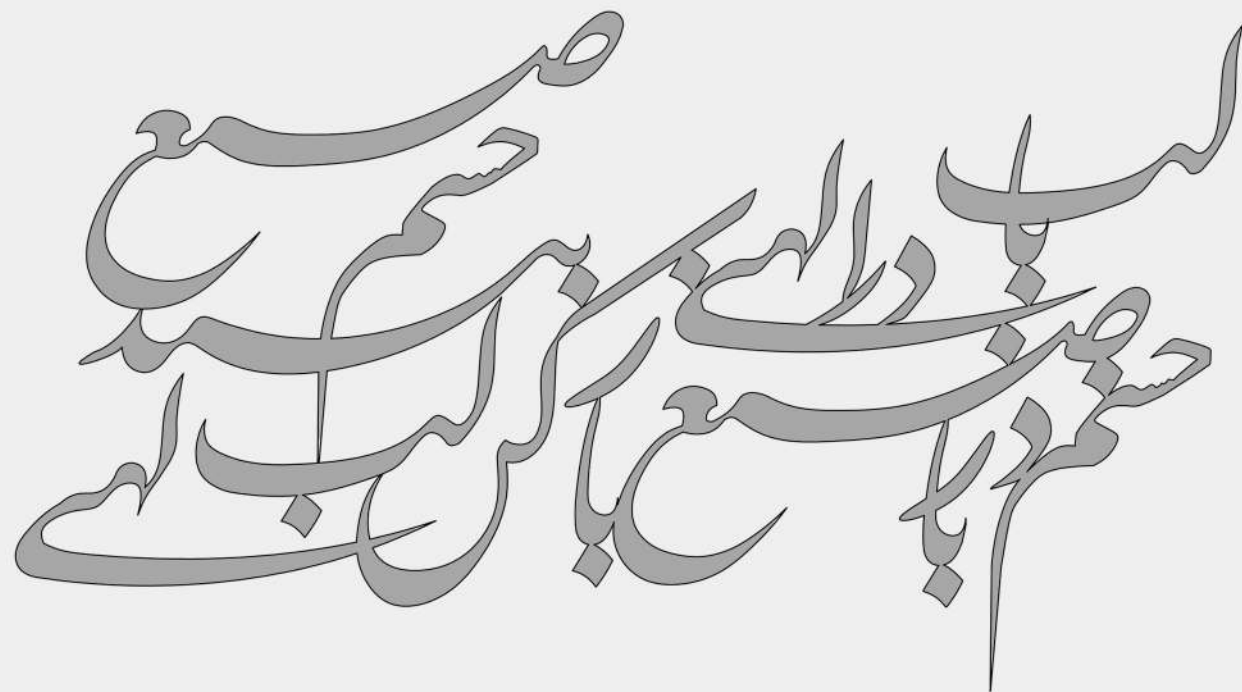
concrete cylinder



The two part are attached together



The object consists of two components; the upper component is constructed of metal. The design for the upper component was initially created with Rhinoceros software and then cut with a CNC laser cut machine. It was subsequently folded with a folding machine. The lower component is cylindrical in shape and made of concrete.



The top part which is drawn with Rhinoceros, and is one of the Hafez poems





# Thank you

*mojgan.akhavani@gmail.com*

Seyedeh Mojgan Sadat Akhavani