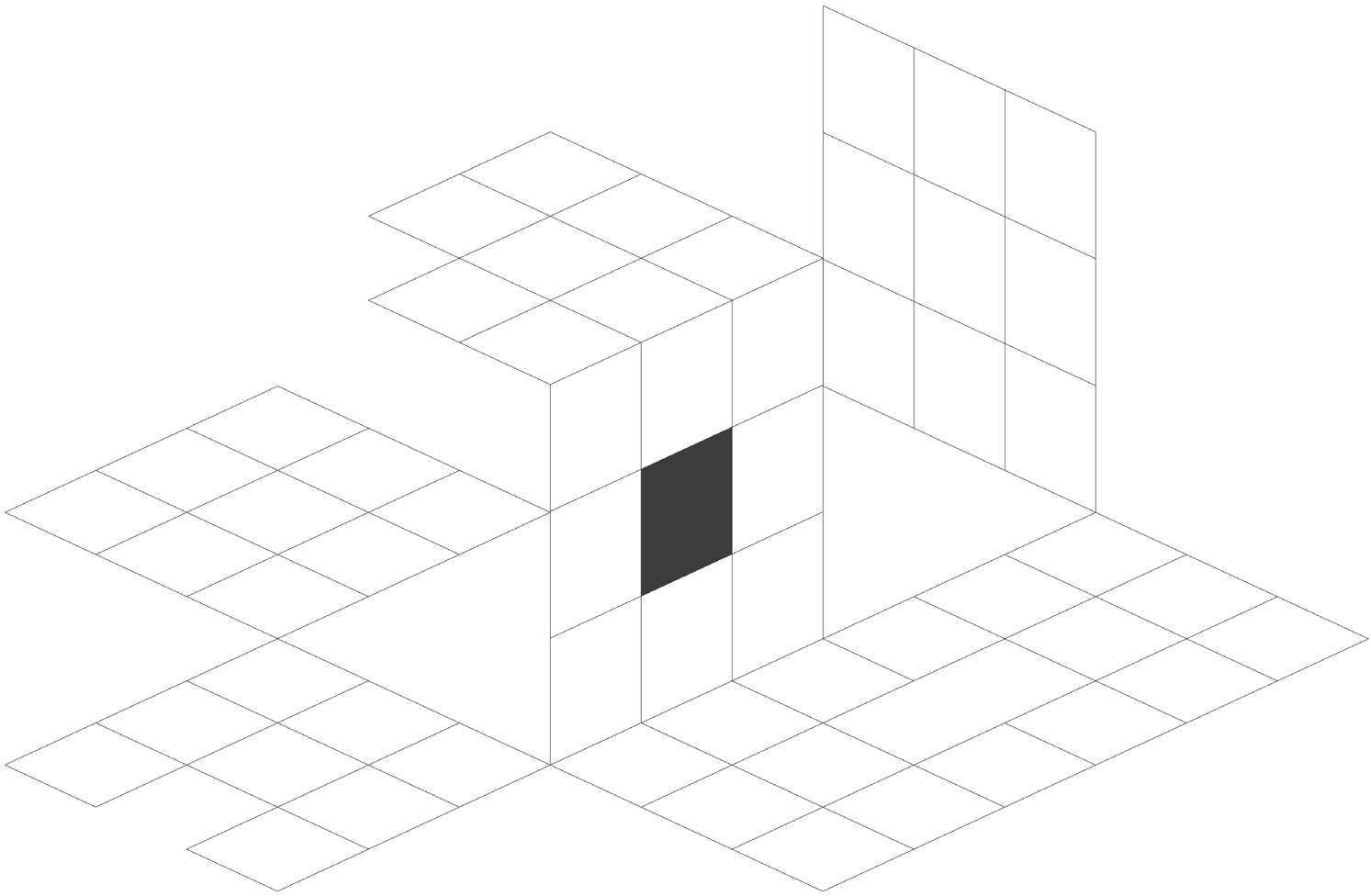
ARCHITECTURE

PORTFOLIO

SELECTED
WORKS
2019 - 2025



ALIREZA FALAHAT

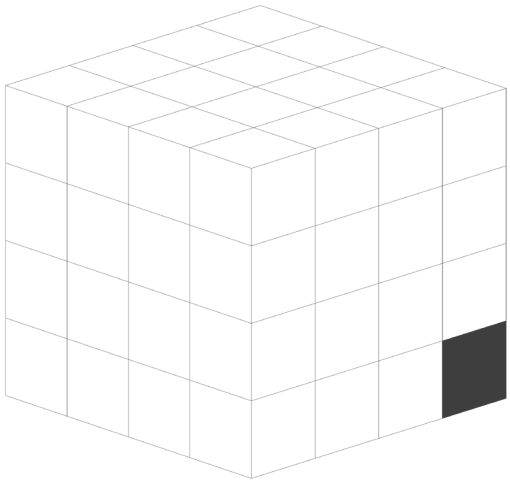
ARCHITECT

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ALIREZA FALAHAT

ARCHITECT

01

MUSEUM OF ZAHIR AL-DAWLEH

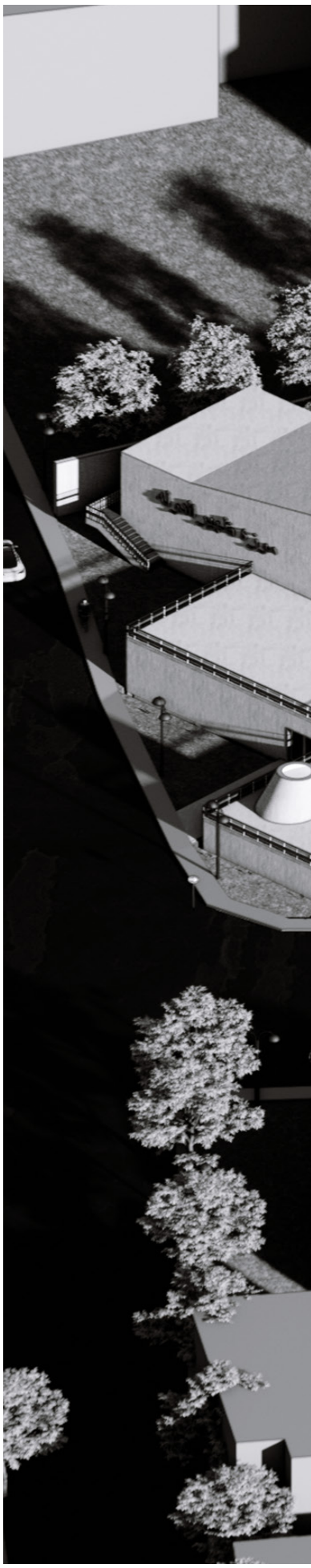
Tajrish, Tehran, Iran

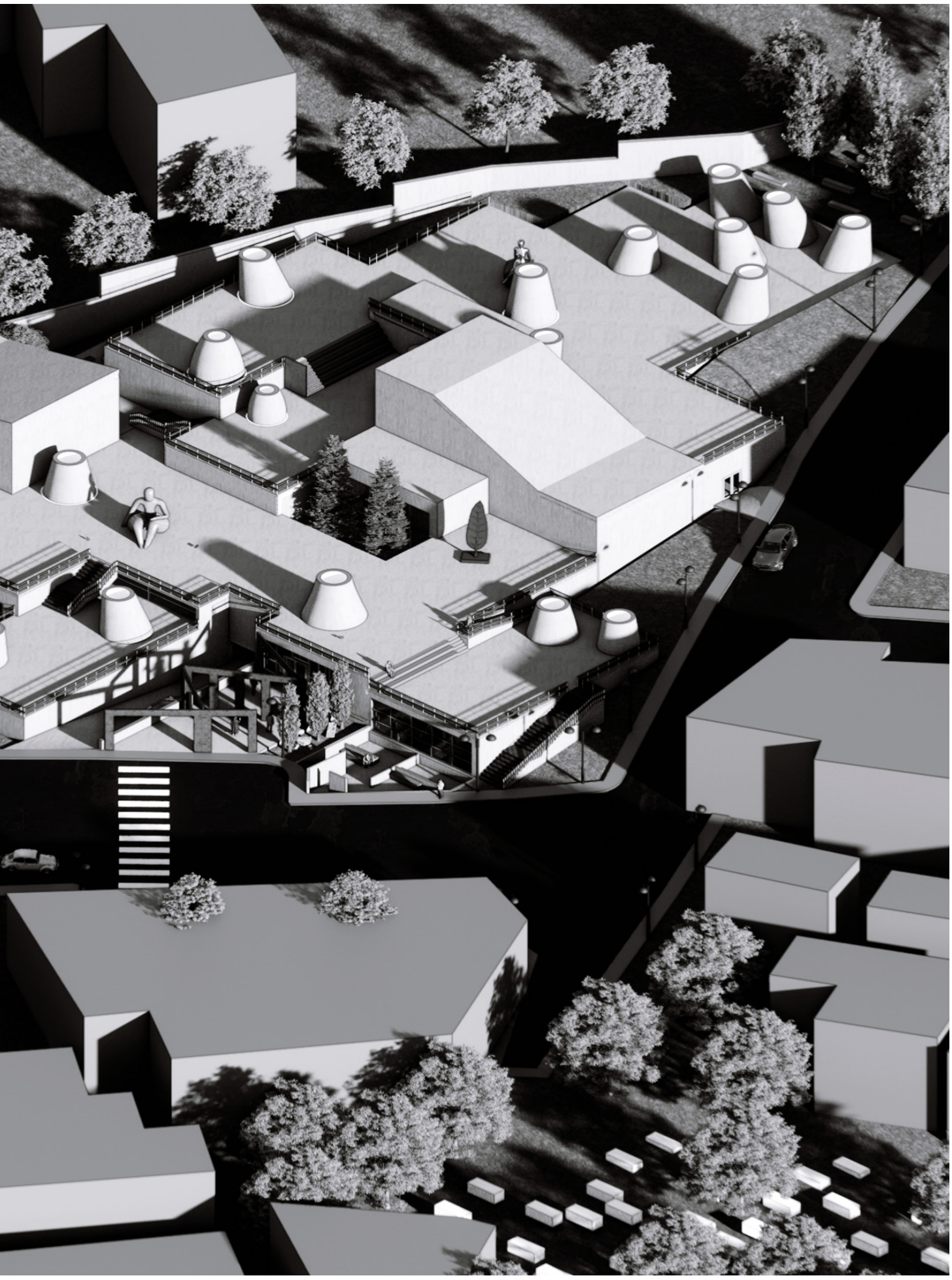
Bachelor's Thesis Project

2024

Revit(Arch&Str),Sketchup,Enscape,Photoshop

An architectural journey through memory,
where light, silence, and space shape
the experience of remembrance.





CONCEPT

HISTORY

The small cemetery located between Imamzadeh Qasem and Tajrish in northern Tehran is the final resting place of Ali Khan Zahir al-Dawlah Safa›ali and Mohammad Taghi (Malak al-Shoara) Bahar, as well as numerous artists, poets, and prominent figures of Iran including Banu Qamar al-Molouk Vaziri, Forough Farrokhzad, Iradj Mirza, Rahi Mo›ayyeri, Abolhasan Saba, Rouhollah Khaleghi, Hossein Yahaghi, and Tofiq Jahanshah Bakht. For unknown reasons and the presence of many secrets left by the buried individuals in this cemetery, gatherings at this location are usually prevented. Zahir al-Dawlah Cemetery, covering an area of 4300 square meters, was registered as a national heritage site by the Cultural Heritage Organization in 1377. After Ali Khan Zahir al-Dawlah Safa›ali passed away due to a heart attack on the 6th of Tir, 1303 Solar Hijri (24th of Zilqadah, 1442 Lunar Hijri) in his garden in Jafarabad Shamiran, he was buried in his private cemetery located between Tajrish and Imamzadeh Qasem. Previously, an old cemetery was situated in this location and later the Khanqah of Zahir al-Dawlah Safa›ali was also moved here. However, after the burial of Safa›ali, his disciples referred to this old cemetery and Khanqah as the «Tomb of Zahir al-Dawlah Safa›ali.»

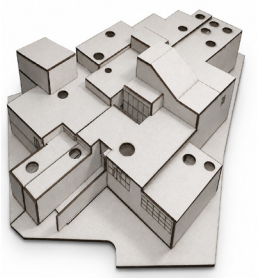
STORY

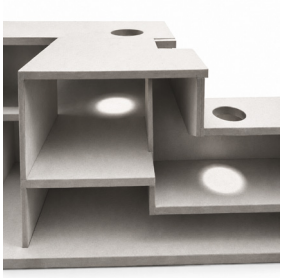
A story about death or trying for an experience that few people in the world have experienced and then returned to this world.
A story about the eternal rise of humans or even their descent.
In the project, we see a large number of elements with different heights that show people at different levels, and sometimes the slopes are steep to experience the difficulty of climbing.



CONES

The cones are reminiscent of that cylinder full of light that people who return from death define.
They state that when a person›s soul leaves the world after death, it suddenly enters the cylinder of light and is drawn upwards. The cones are the same cylinders where the sunlight becomes exactly the same as the heavenly light, but only for a limited number of hours inside. The cylinders are completely luminous or some of them never experience the perfection of being luminous like humans. It is difficult for people at the top to see the inside of the cones, but they are witnesses from the bottom, which also means avoiding looking from the top down. But after purification, you can see the inside.



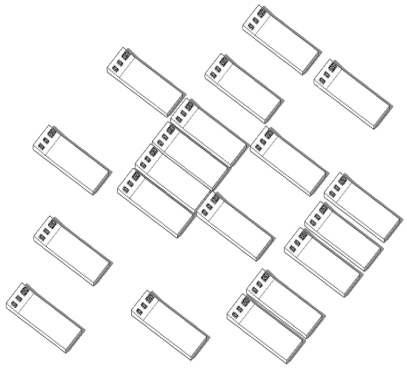


Circular skylights introduce focused daylight into the interior, creating illuminated spots that symbolize the transition from darkness to light.

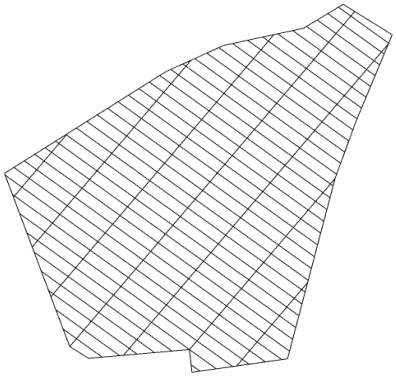


Light is not an object.It is the medium of remembrance.

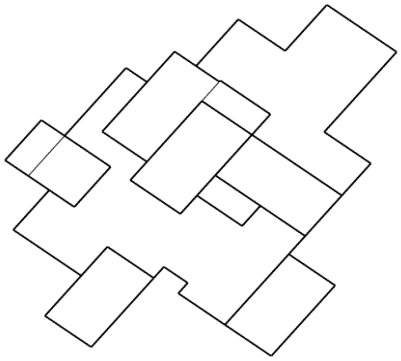
01
ZAHIR AL-DOULA CEMETERY
The presence of the cemetery and famous people buried there made it a source of inspiration for creating a museum. A museum for celebrities.



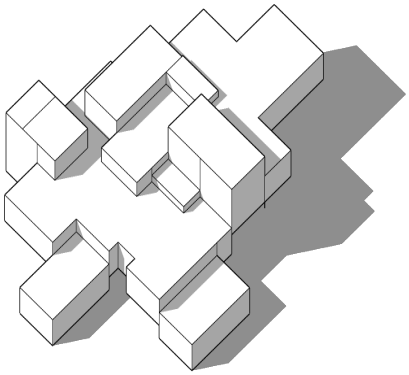
02
GRIDS
It is necessary to create grids according to the dimensions of a grave, as well as the same orientation of the grids with the graves of Zahir al-Dawlah and its direction facing the Qibla.



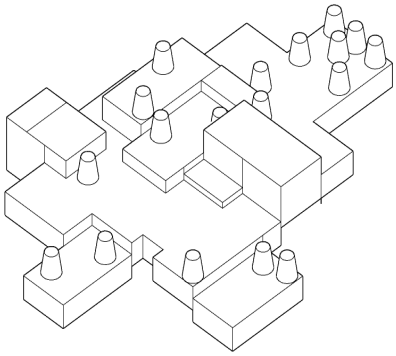
03
COMPOSITION
By using the obtained grids, the arenas were formed among them to create a composition close to the plans.



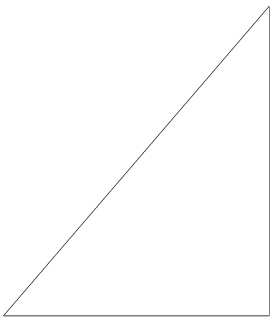
04
CREATE A FORM
Due to the presence of a %12-10 slope in the site, the resulting form of the composition was formed in a stepped manner with a specific rhythm.



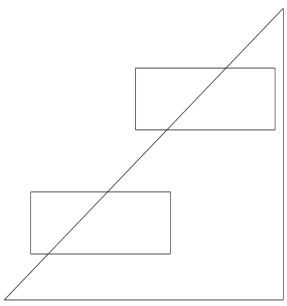
05
REFLECTOR CONES
The pattern of the stage of passing from the worldly life and going to the eternal world caused the emergence of cones to provide light for the buried spaces and to be a light symbol for the transition cylinder.



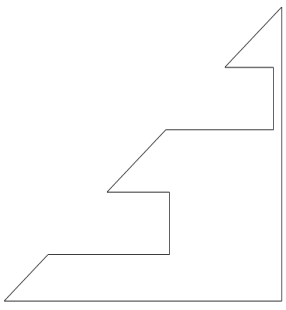
SITE SLOPE
The presence of a relatively high slope in the site made the design a bit of a challenge.



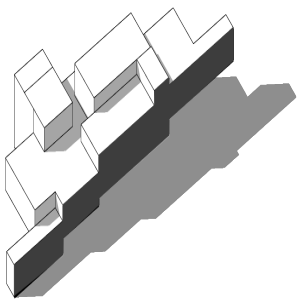
SOLUTION
We acted in this way to distribute the volumes in a staggered manner on the site.



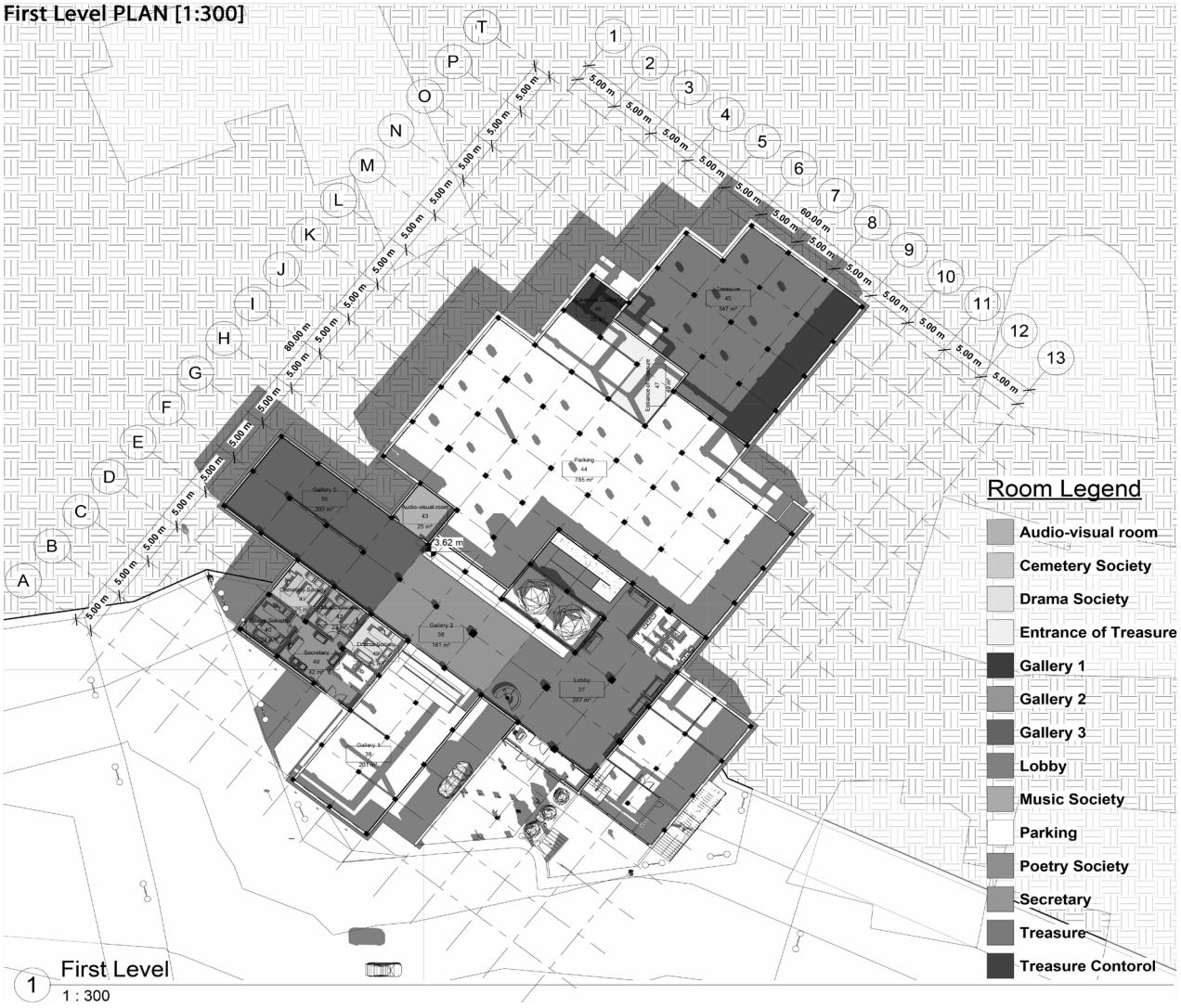
SUBTRACT
We tried reducing different volumes until we reached a final result. And this is exactly like the graves that have been dug up.

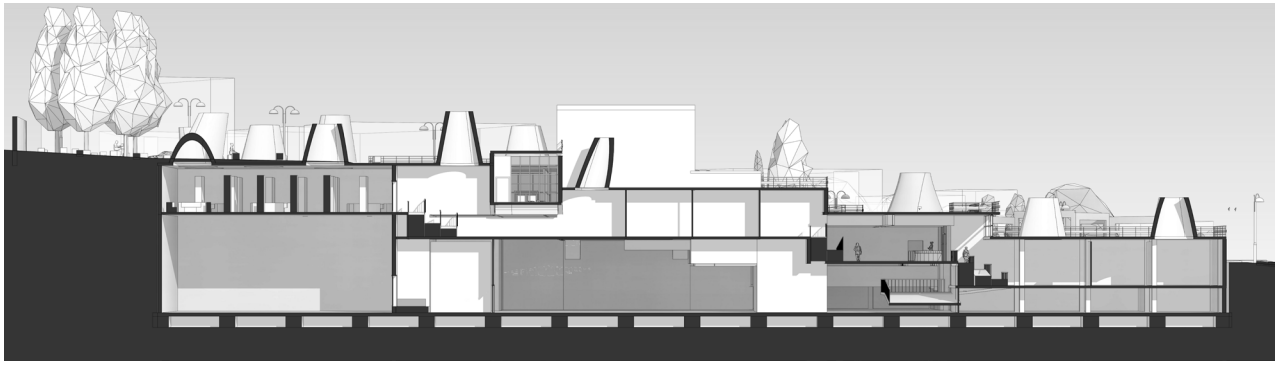


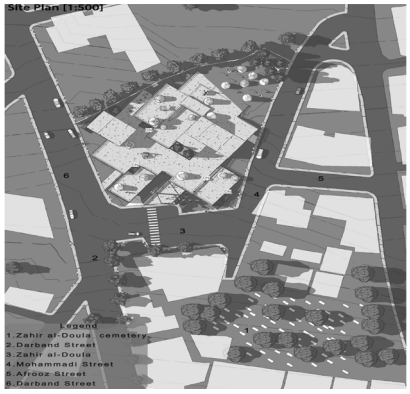
FINAL SECTION FORM
Finally, the resulting form was a combination of composition and volume taken from the site.

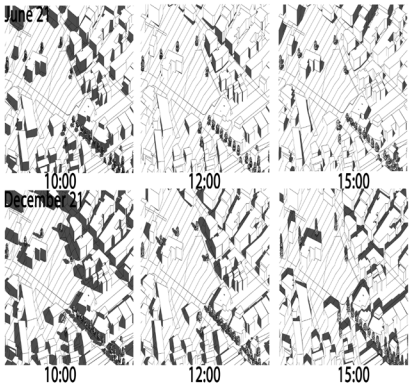


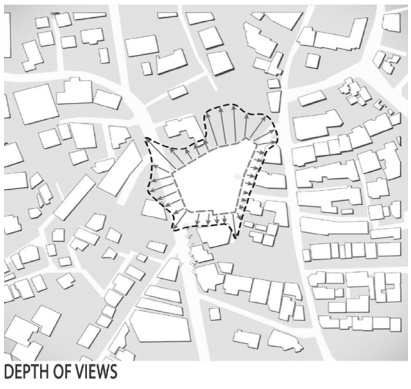
PLAN & SITE


First Level PLAN [1:300]
Room Legend
Audio-visual room
Cemetery Society
Drama Society
Entrance of Treasure
Gallery 1
Gallery 2
Gallery 3
Lobby
Music Society
Parking
Poetry Society
Secretary
Treasure
Treasure Contorol
1
First Level
1 : 300

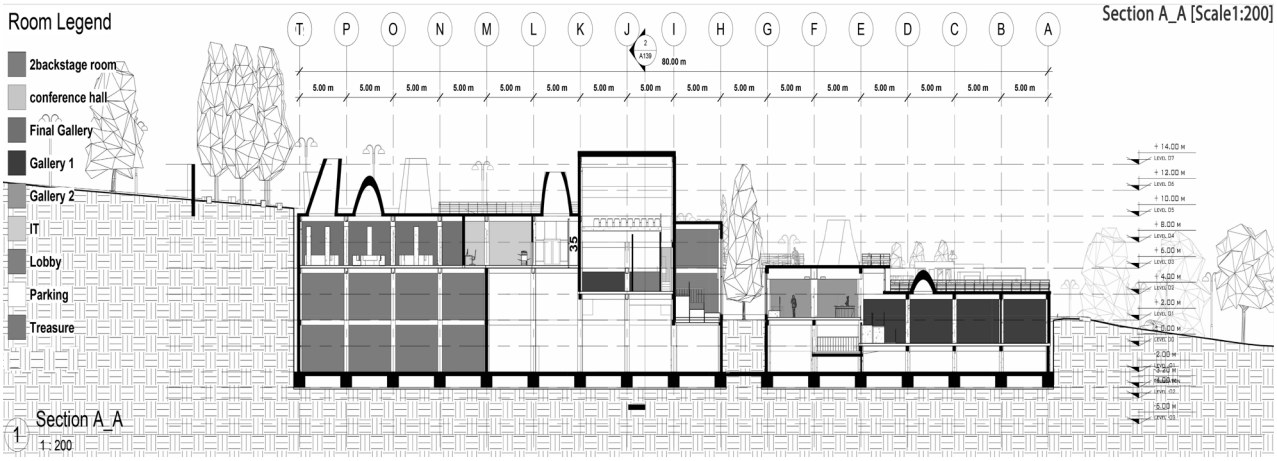



Site Plan [1:500]
Legend
1.Zahir al-Doula cemetery
2.Darband Street
3.Zahir al-Doula
4.Mohammadi Street
5.Afrooz Street
6.Darband Street


June 21
10:00
12:00
15:00
December 21
10:00
12:00
15:00


DEPTH OF VIEWS

SECTION

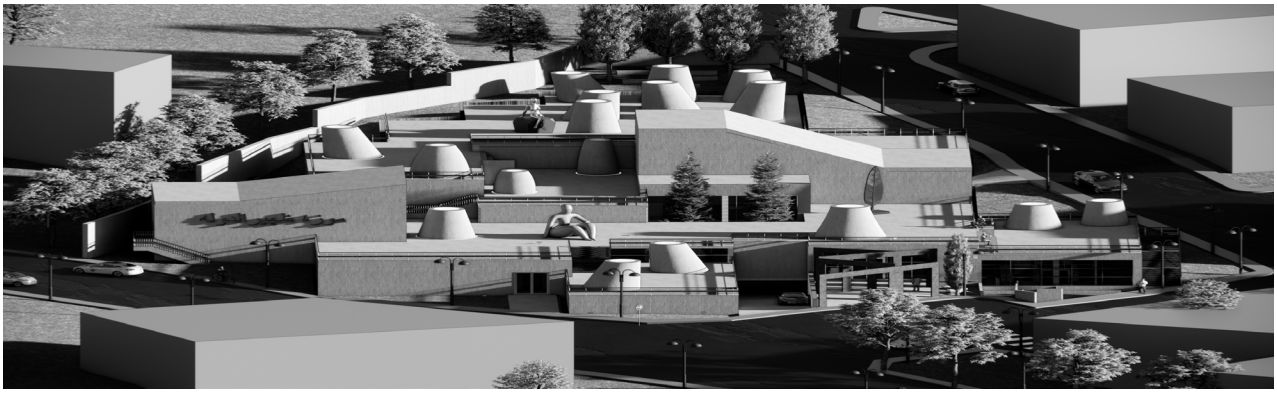


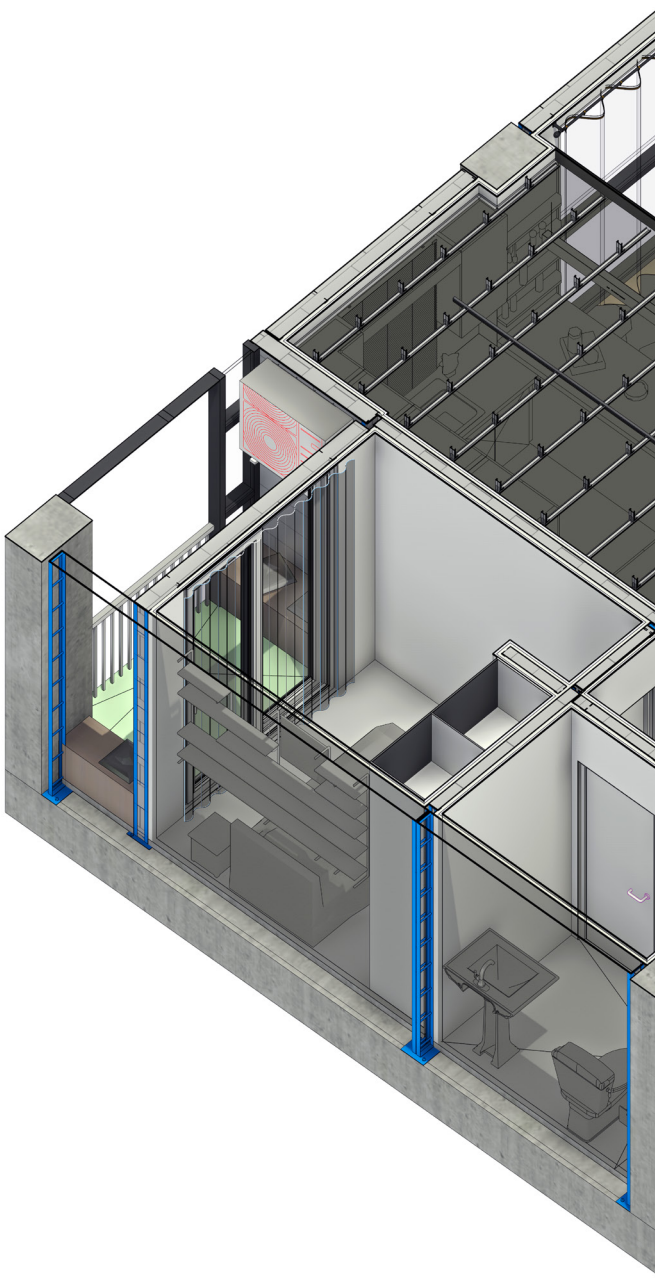
VISUALIZATION











02

Residential Interior Renovation

Tehran, Iran

Academic Proposal

2024

Revit(Arch&Str),Enscape,Photoshop

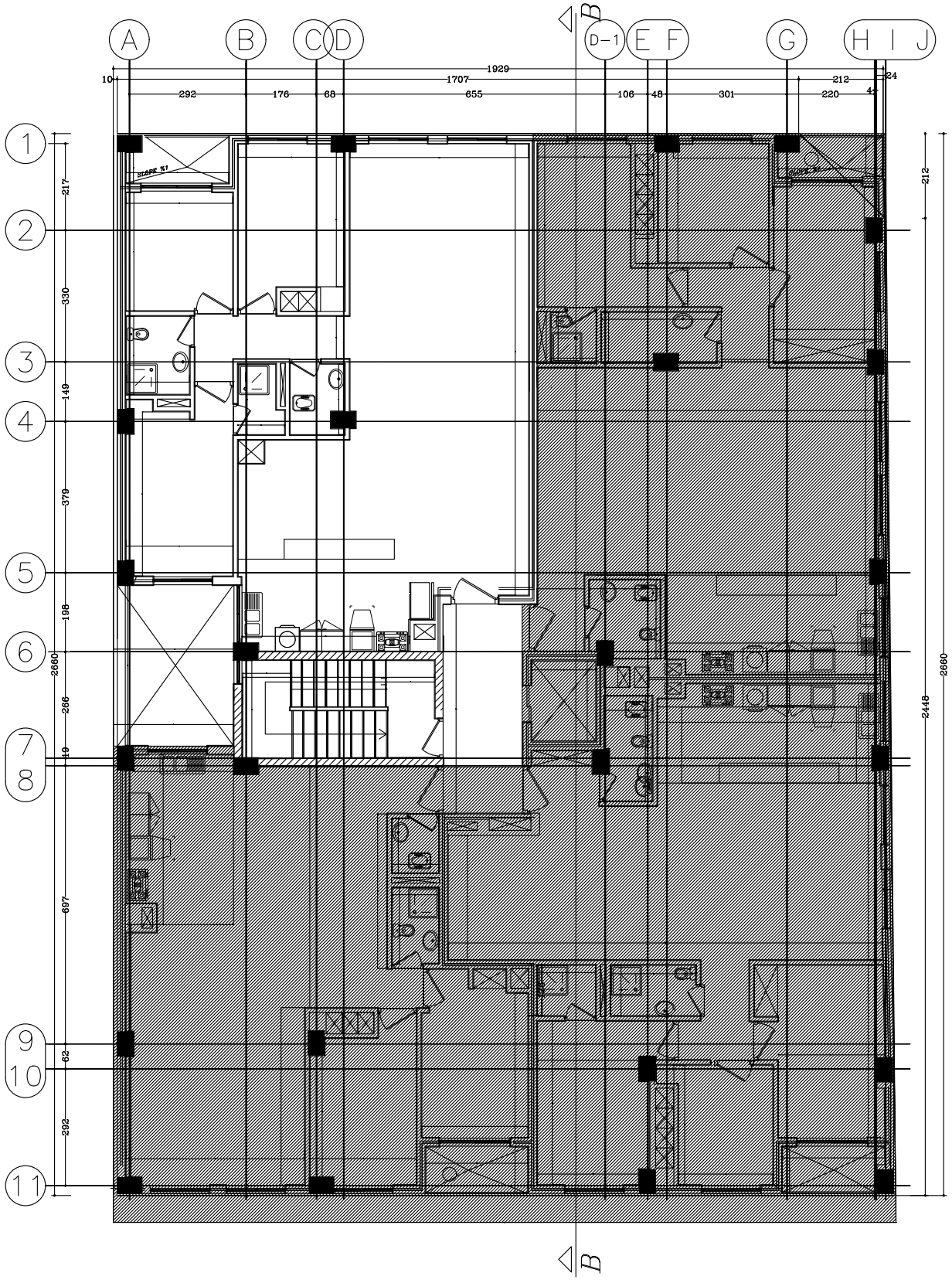
A proposal for the adaptive renovation of an existing residential apartment.



Existing Layout

Before Renovation

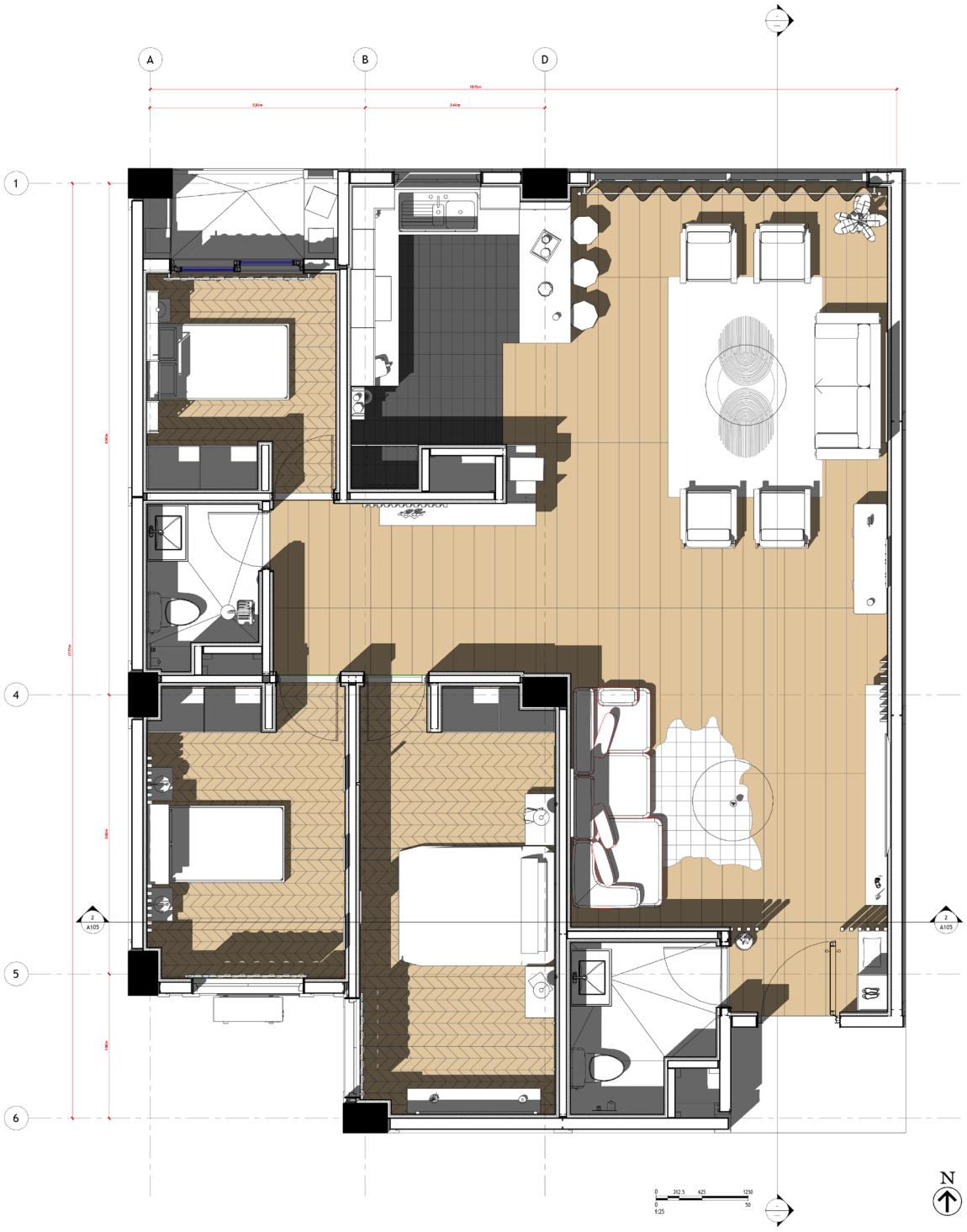
The existing layout was carefully analyzed to understand its spatial organization and functional limitations. The renovation proposal aims to improve circulation, strengthen the relationship between public spaces, and create a more efficient, open, and cohesive living environment while preserving the apartment›s existing structure.



PROPOSED LAYOUT

After Renovation

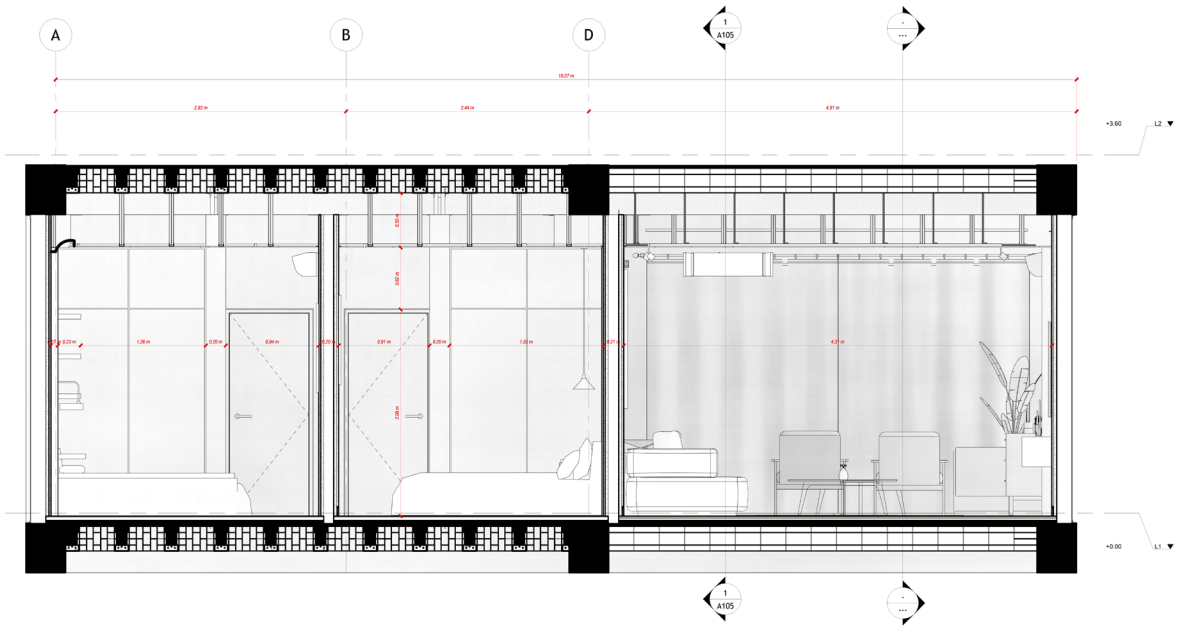
The proposed layout reorganizes the apartment to improve spatial continuity and everyday functionality. Public areas were redefined through an open-plan configuration, while circulation was simplified to create a clearer relationship between the living, dining, and kitchen spaces. The intervention enhances natural light, flexibility, and the overall quality of the interior environment.

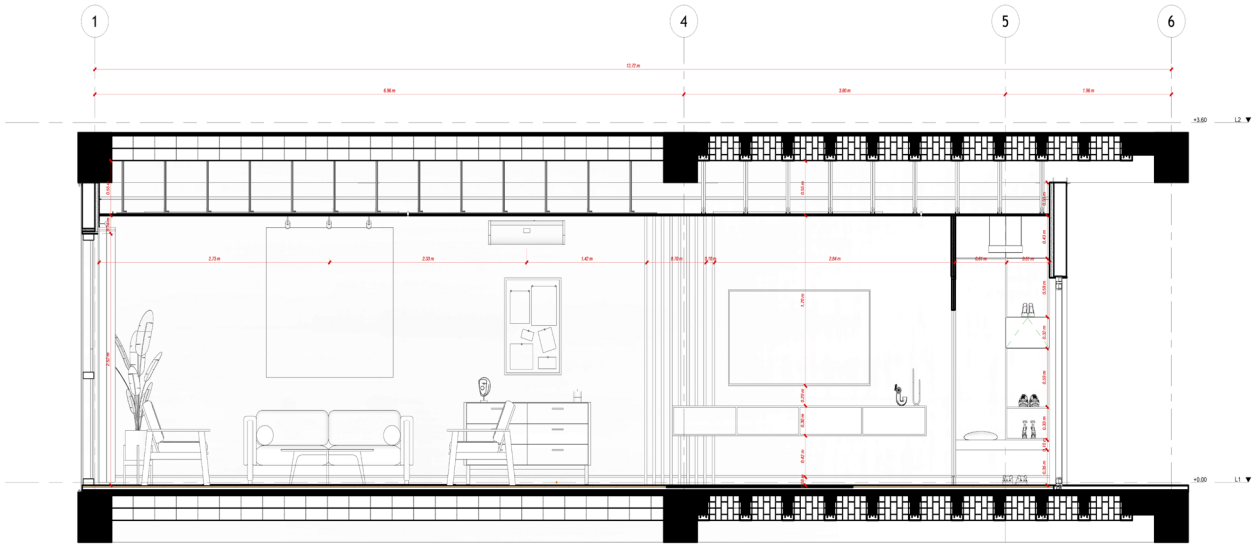


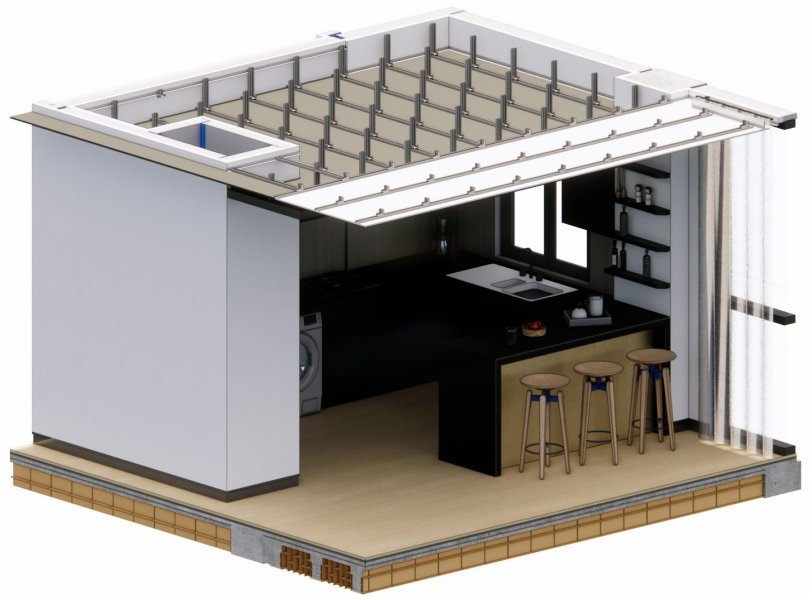
Key Design Strategies

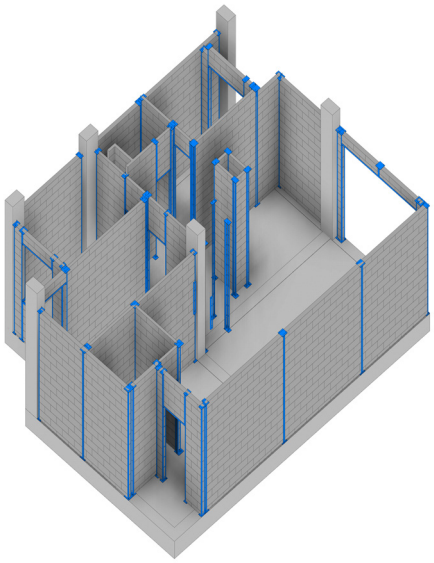
A.Open-plan living area
B.Improved circulation
C.Enhanced natural lighting
D.Integrated storage solutions
E.Flexible spatial organization

SECTIONS & DETAILS









VISUALIZATION

The final proposal creates a cohesive, contemporary living environment by improving spatial continuity, functionality, and material harmony.













03

Housing
Baharestan

Baharestan,Tehran, Iran

Academic Proposal

2023

Autocad,Revit(Arch&Str),Enscape,Photoshop,Illustrator

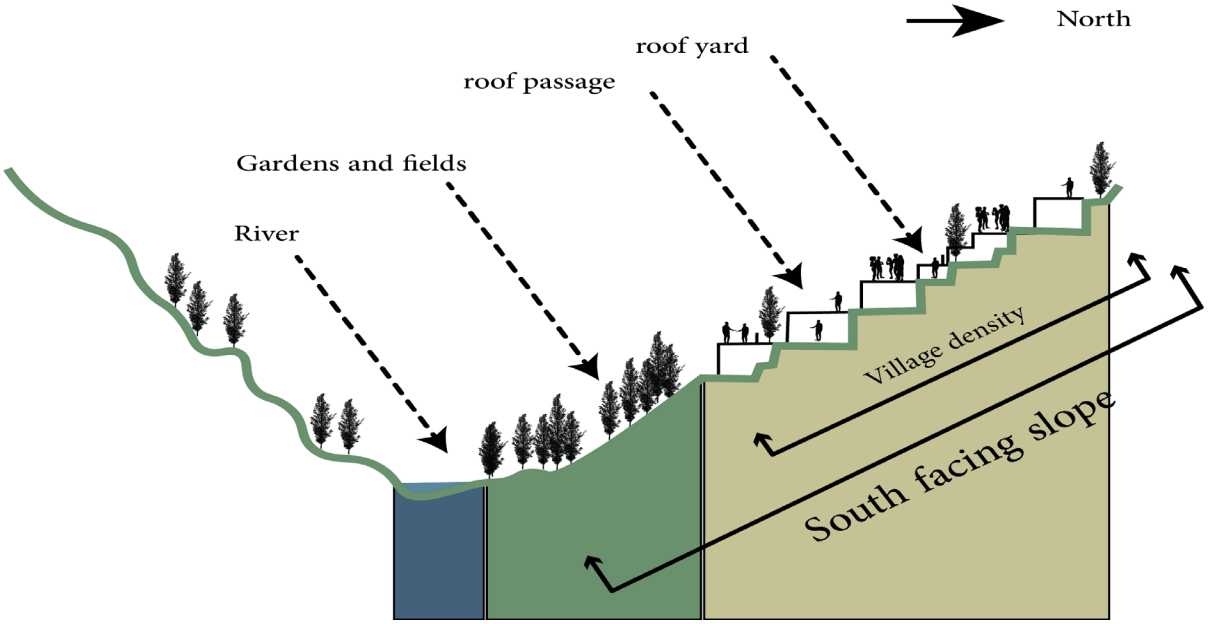
Baharestan Housing is a proposal for a 70,000 m² residential neighborhood that investigates the relationship between collective living and urban form. Through a hierarchy of public, semi-public, and private spaces, the project establishes a coherent residential fabric that prioritizes walkability, social interaction, daylight, and environmental quality. The design process is driven by analytical diagrams that translate urban strategies into architectural form.



CONCEPT

SITE CONCEPT

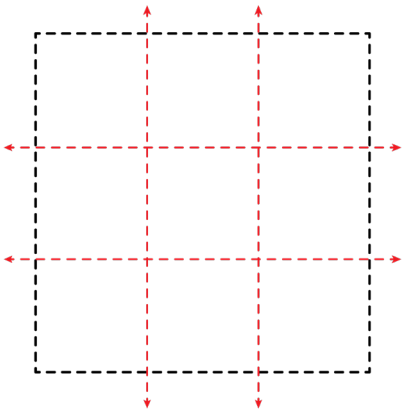
The typology and understanding of the spatial structure of Oraman village leads us to a small urban space like the diagram below, with the difference that we no longer have that mountainous topography with a steep slope, which is also considered a positive feature and caused the creation of blocks. which creates the same topography and the created spaces are called collective communication spaces.



MASS EVOLUTION

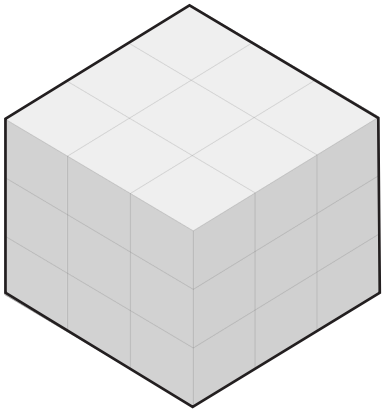
01
NINE SQUARE

The initial pattern was formed based on a square divided into nine squares, each measuring seven meters by seven meters.



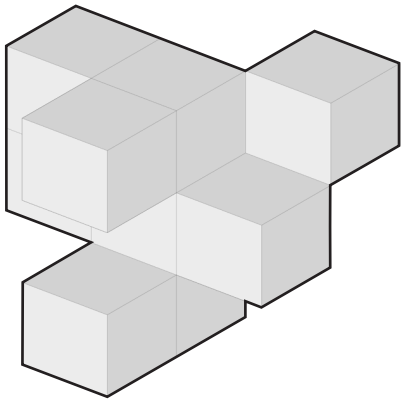
02
CUBE

Extruding the square resulting from the previous step created a cube with dimensions of twenty one meters, each side of which has nine squares with the same dimensions of seven meters.

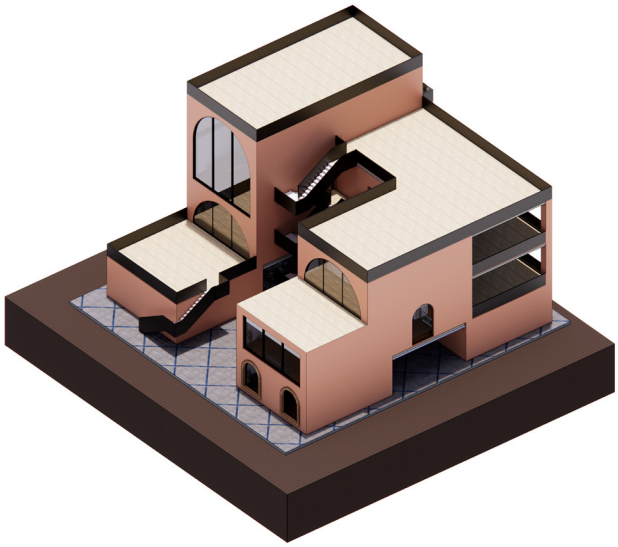


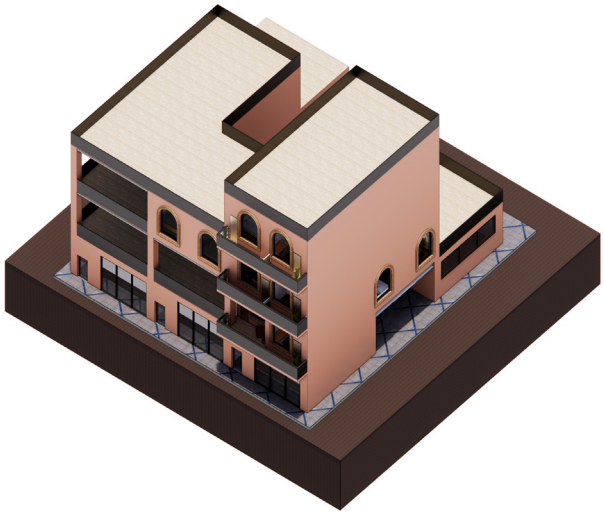
03
DECREASE

Then according to a fixed pattern, which is based on the same nine squares, and in each level, squares are randomly reduced from it, and the central core is also reduced in all levels.



TYPE A BLOCK ISOMETRIC

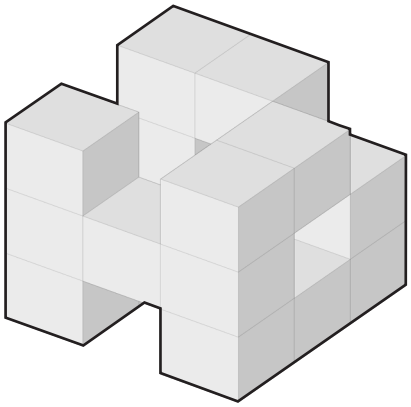




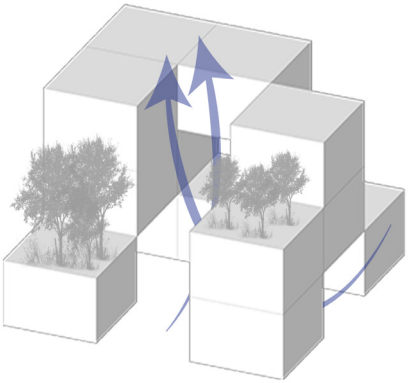
SITE SECTION



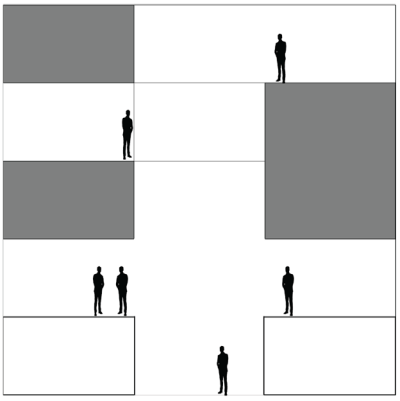
04
FINAL VOLUME
The resulting volume has a central courtyard and also gives the designer the ability to create open and semi-extended spaces and achieve better social spaces.



05
DIAGRAM DESCRIPTION
The presence of natural plants due to their proper form, volume and complete lighting, as well as the empty spaces created in it, creates a favorable air.

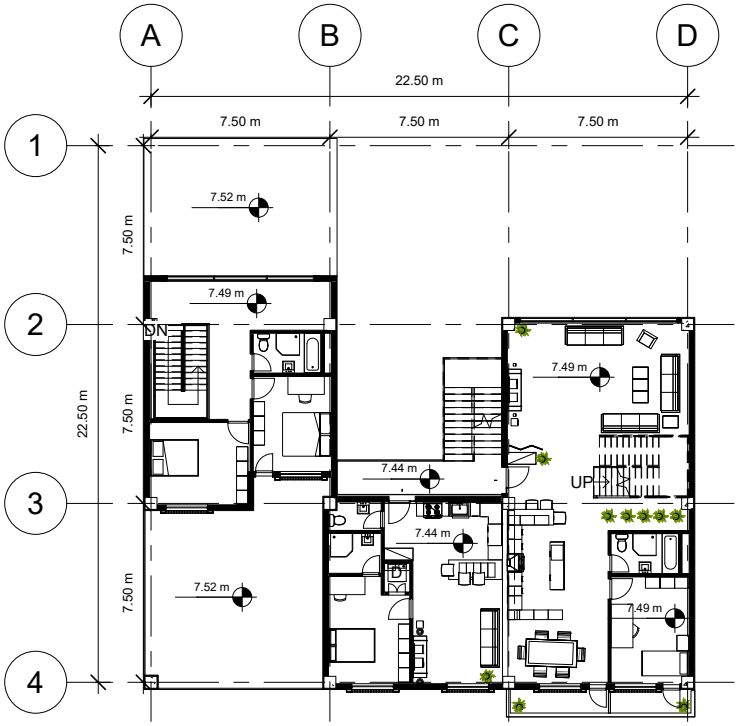


06
Communication
Conceptual sections show how a simple form of design catn connect people within the building itself and evoke the same roof in the past.

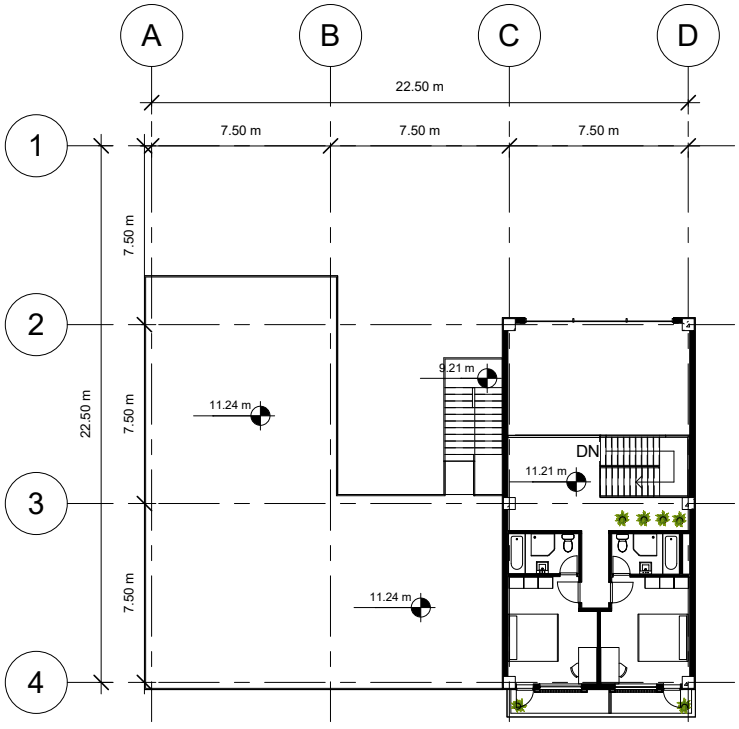


PLANS & SECTION

SECOND PLAN-A BLOCK



SECOND PLAN-A BLOCK



VISUALIZATION











04

CATERPILLAR

Retail Interior Design

Tehran, Iran

Academic Proposal

2025

Revit(Arch&Str),Enscape,Photoshop,Illustrator

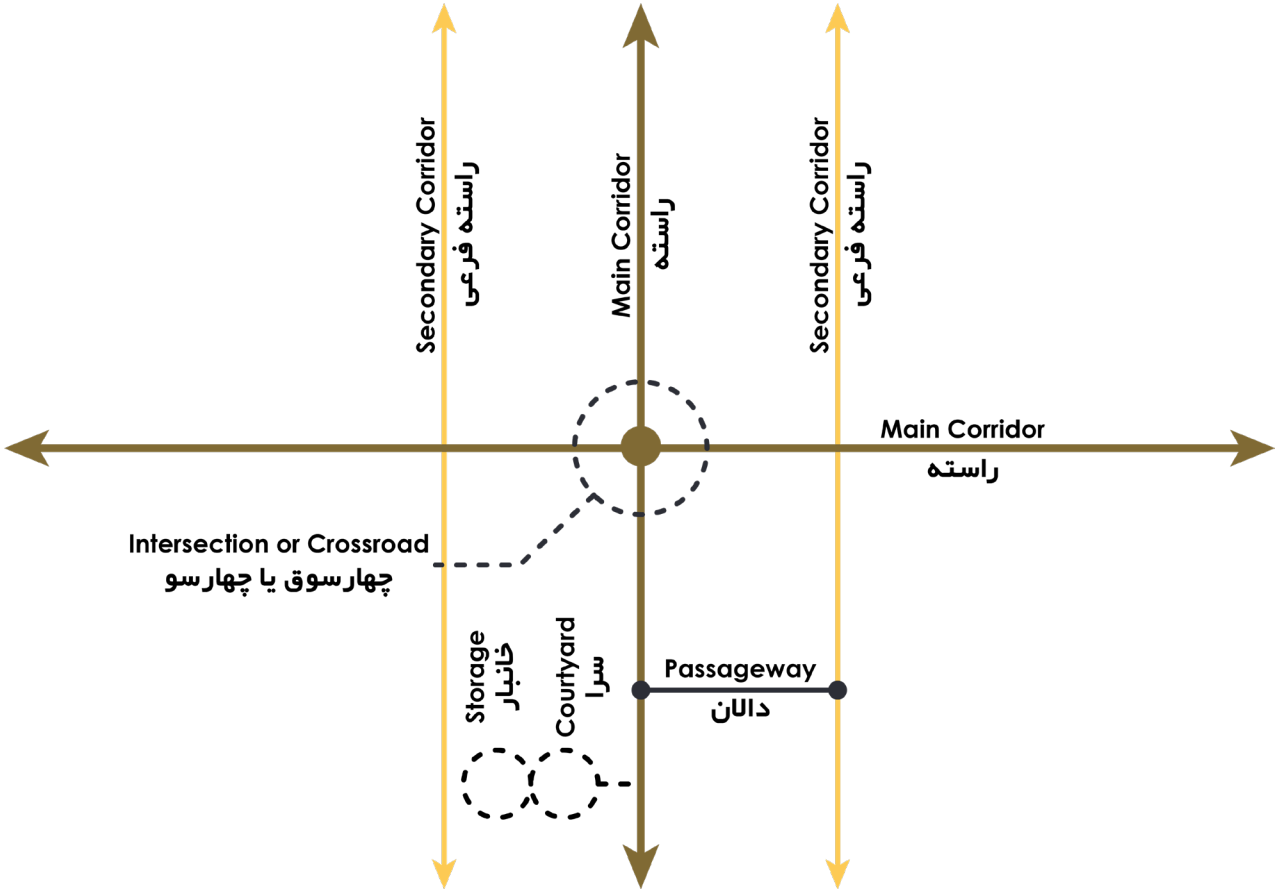
This academic project proposes an interior showroom for the Caterpillar brand, translating the company›s identity into a contemporary retail environment. Inspired by the geological formations of stalagmites and stalactites, the design reinterprets their sculptural qualities as architectural elements that organize circulation, define product display, and establish a distinctive spatial identity. Drawing from the spatial experience of traditional Iranian bazaars, the circulation strategy encourages gradual exploration, creating a dynamic relationship between visitors, products, and the built environment.



CONCEPT

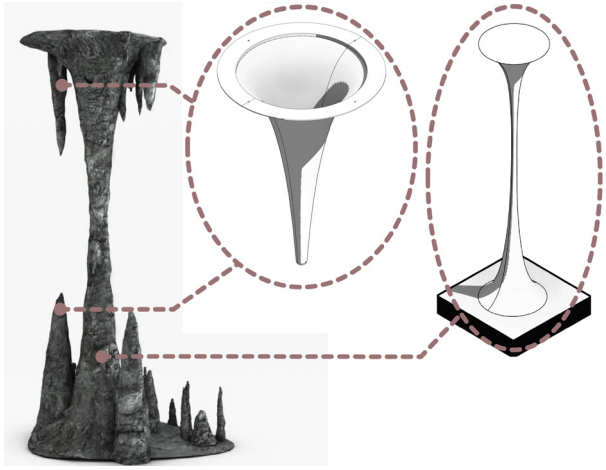
CIRCULATION STRATEGY

Drawing inspiration from the spatial logic of traditional Iranian bazaars, the circulation system is conceived as a continuous sequence of movement and discovery. Rather than directing visitors along a linear path, the layout unfolds through interconnected routes that reveal different spatial experiences over time. This gradual progression encourages exploration, frames changing perspectives, and establishes a fluid relationship between architecture, products, and users.

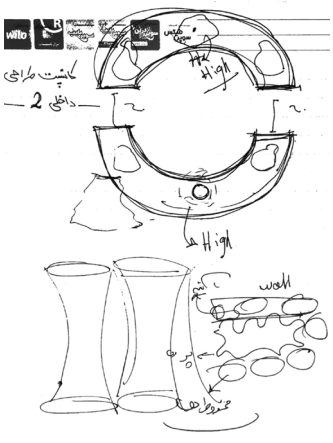


DESIGN CONCEPT

The project investigates how natural geological formations can inform interior architecture. Drawing inspiration from the continuous growth of stalagmites and stalactites, the design abstracts their spatial logic into a family of vertical architectural elements. These components simultaneously function as display systems, spatial organizers, and visual landmarks, generating a fluid relationship between circulation, product exhibition, and user experience. Rather than imitating nature, the project reinterprets its underlying principles to create a contemporary retail environment.

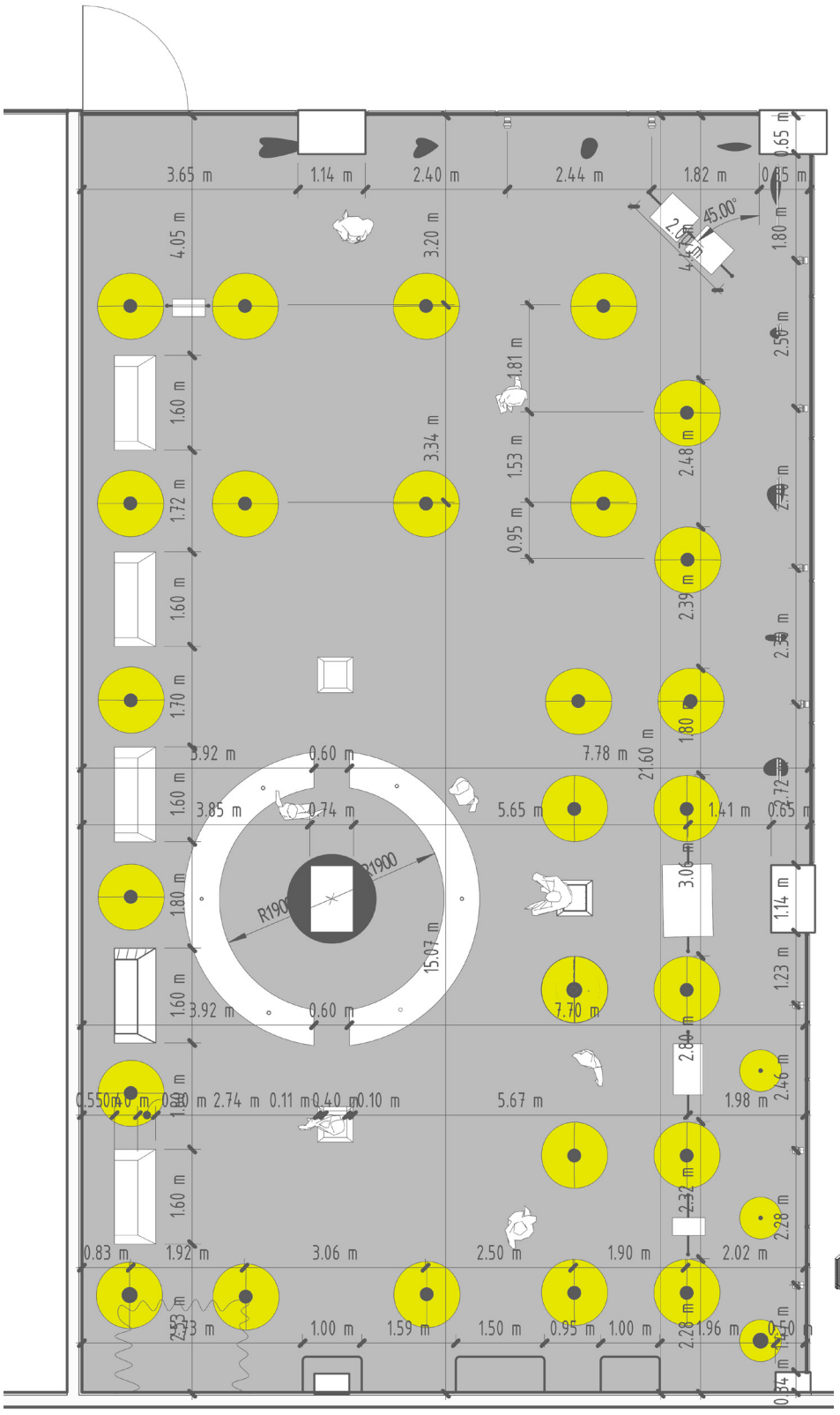


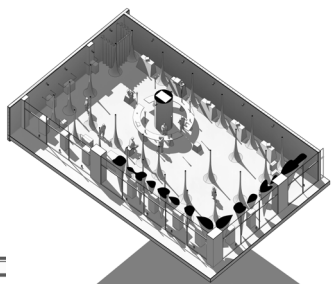




SPATIAL ORGANIZATION

The spatial organization is developed around a clear hierarchy of movement, product display, and user interaction. A central circulation spine connects the main functional zones while allowing visitors to experience the showroom through a sequence of carefully framed perspectives. Display elements derived from the project›s conceptual language define the spatial structure, creating a coherent relationship between circulation, exhibition, and architectural form.





SPATIAL EXPERIENCE

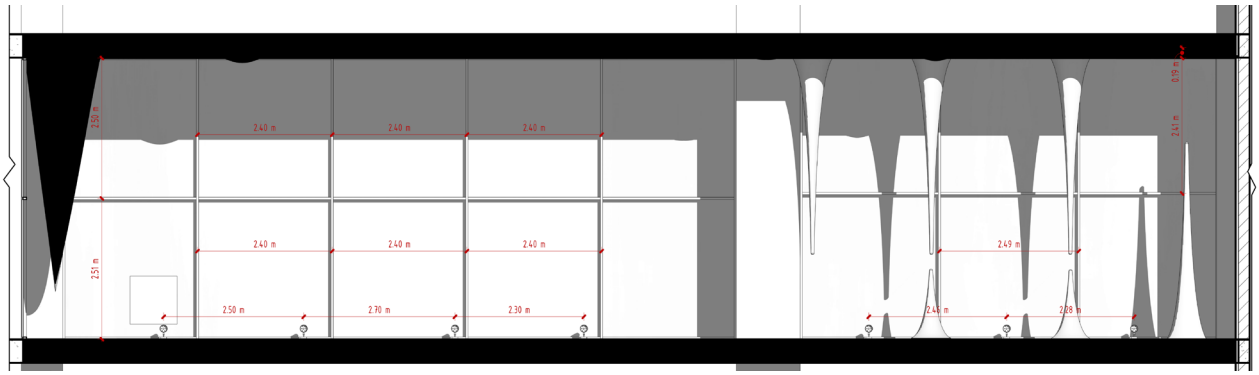
The interior experience is defined through a continuous dialogue between architecture, products, and movement. Sculptural display elements shape visual connections and guide visitors through the showroom, while natural materials and controlled lighting reinforce the spatial identity. The sequence of spaces encourages exploration, creating an immersive retail environment that balances functionality with architectural expression.





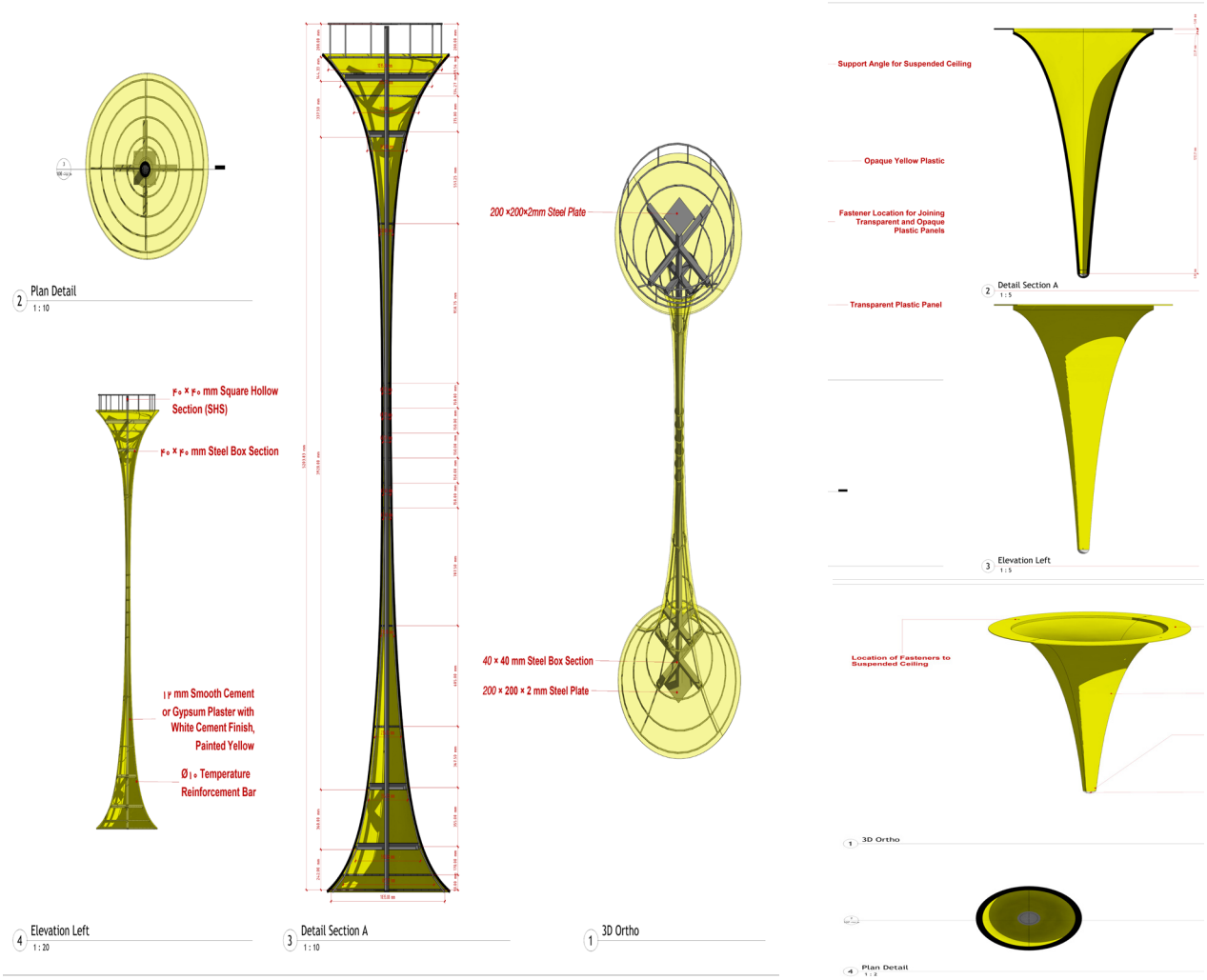


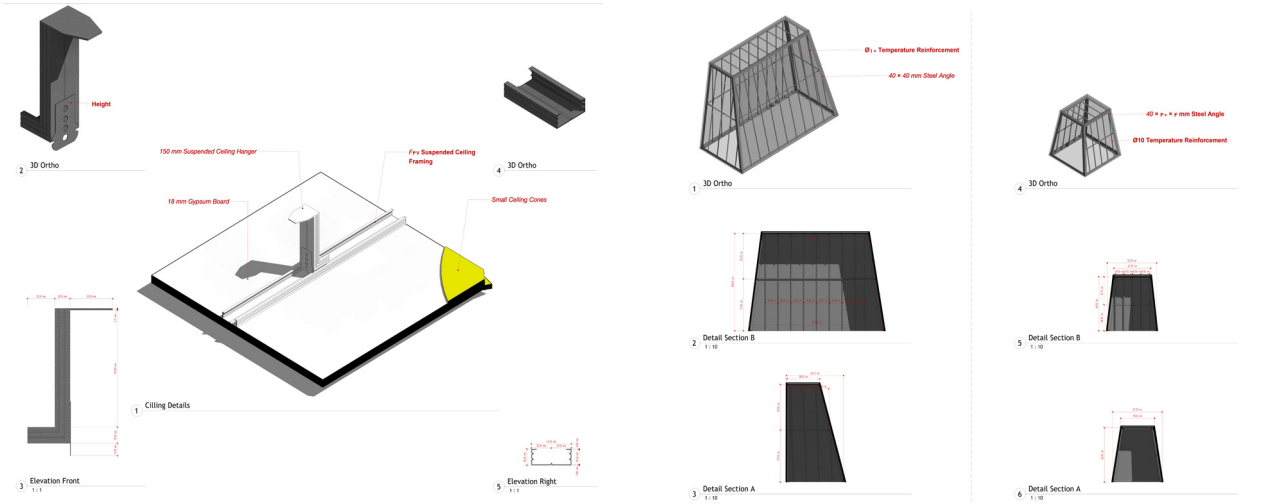
SECTION



CONSTRUCTION DETAILS

The technical development of the project focuses on translating the conceptual design into practical construction solutions. Custom display units, façade assemblies, and structural junctions were carefully detailed to preserve the project›s spatial identity while ensuring buildability, durability, and functional performance. The selected details demonstrate the integration of architectural expression with technical resolution.





05

Selected Professional Projects

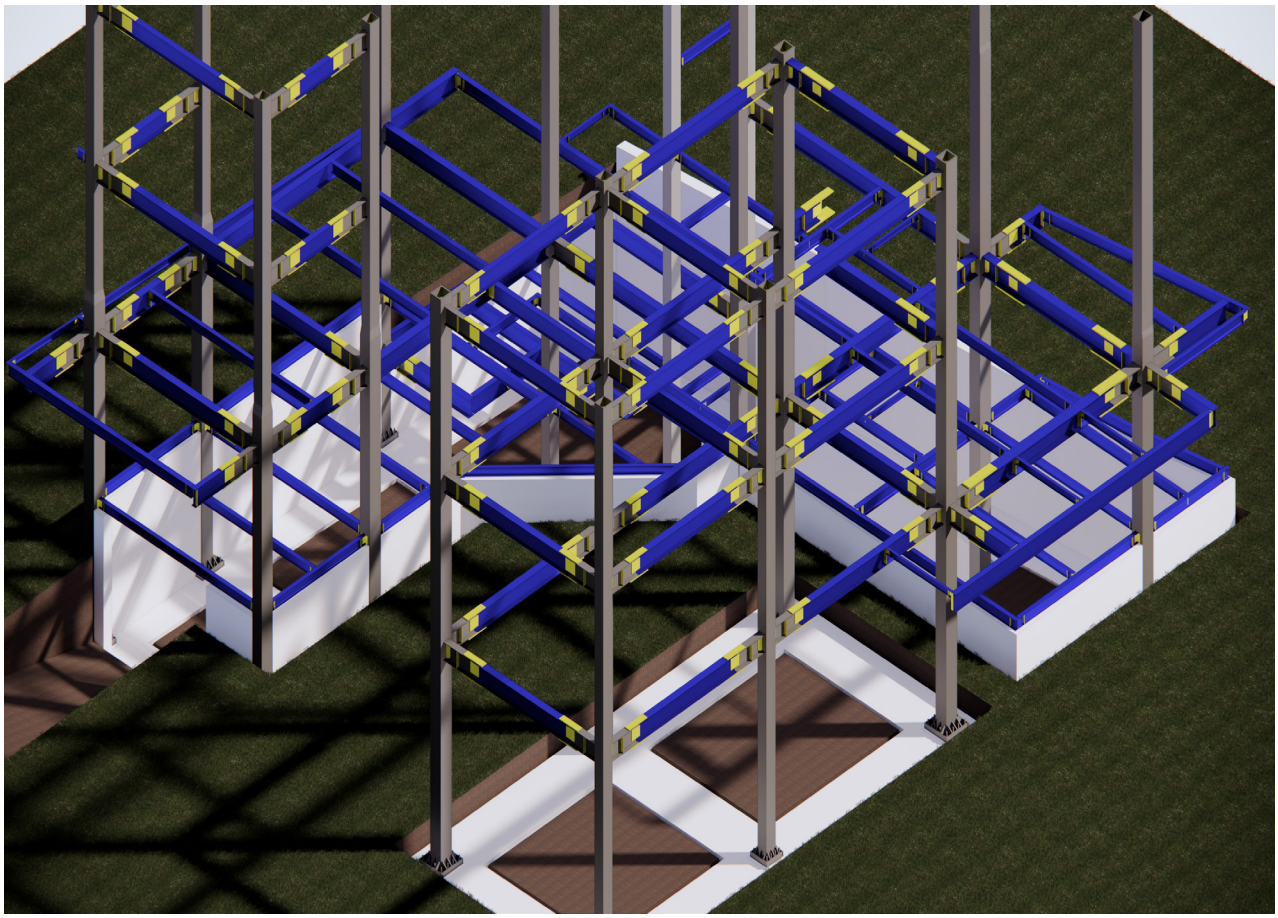
Tehran, Iran

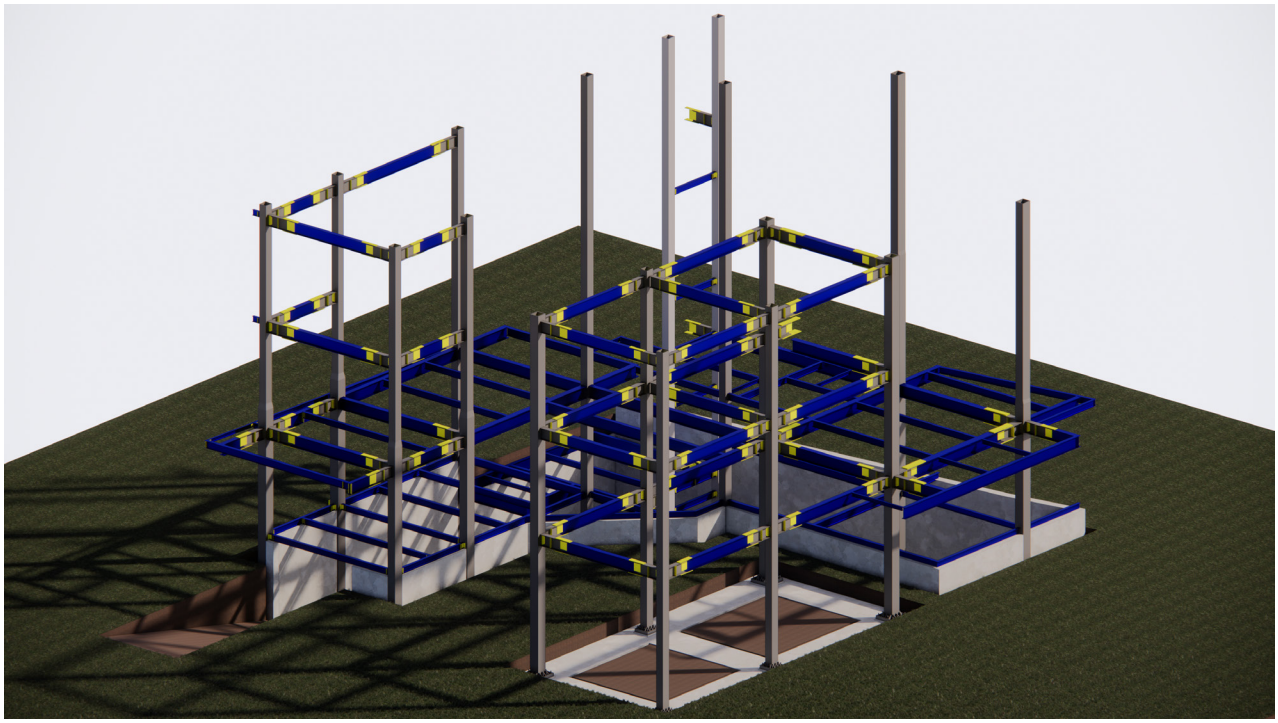
Real Project
2025
Revit(Arch&Str),Enscape

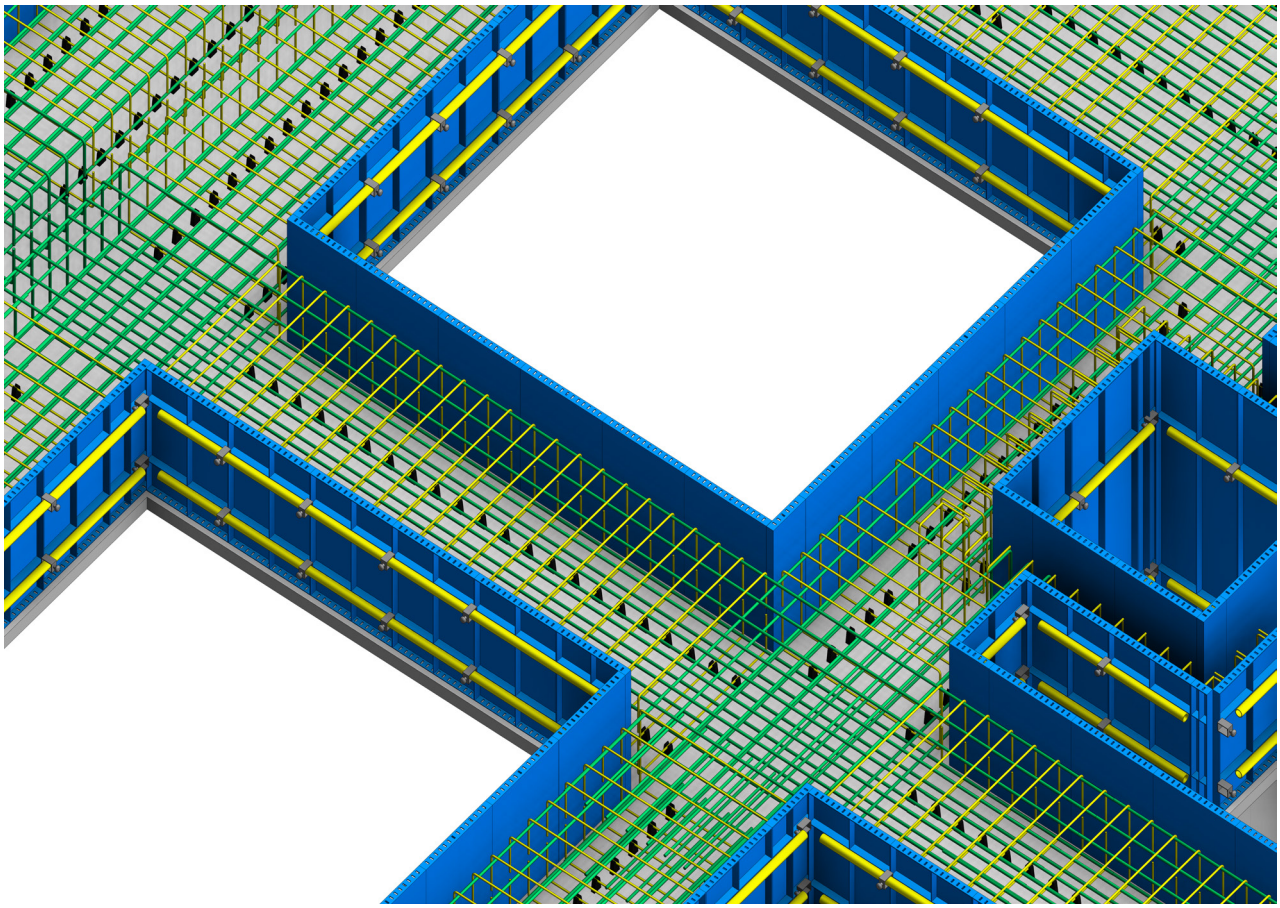
A selection of professional works demonstrating technical coordination, construction detailing, and residential design.

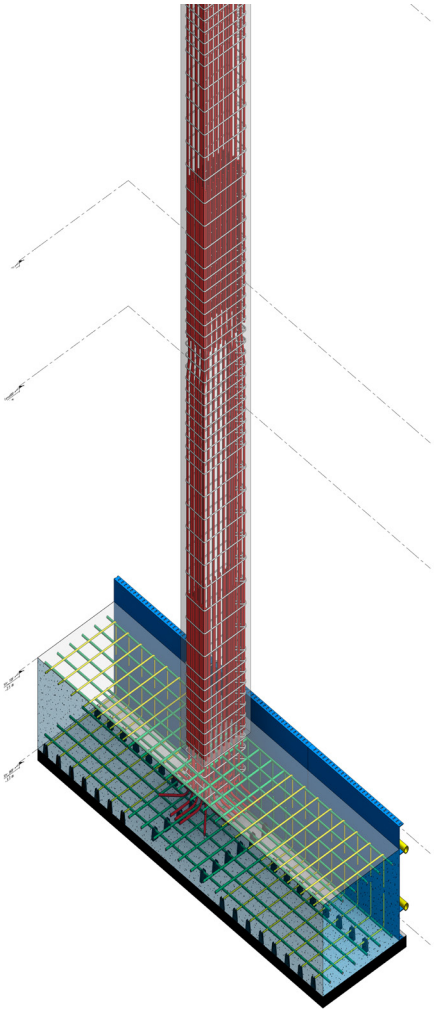
PROJECT 01

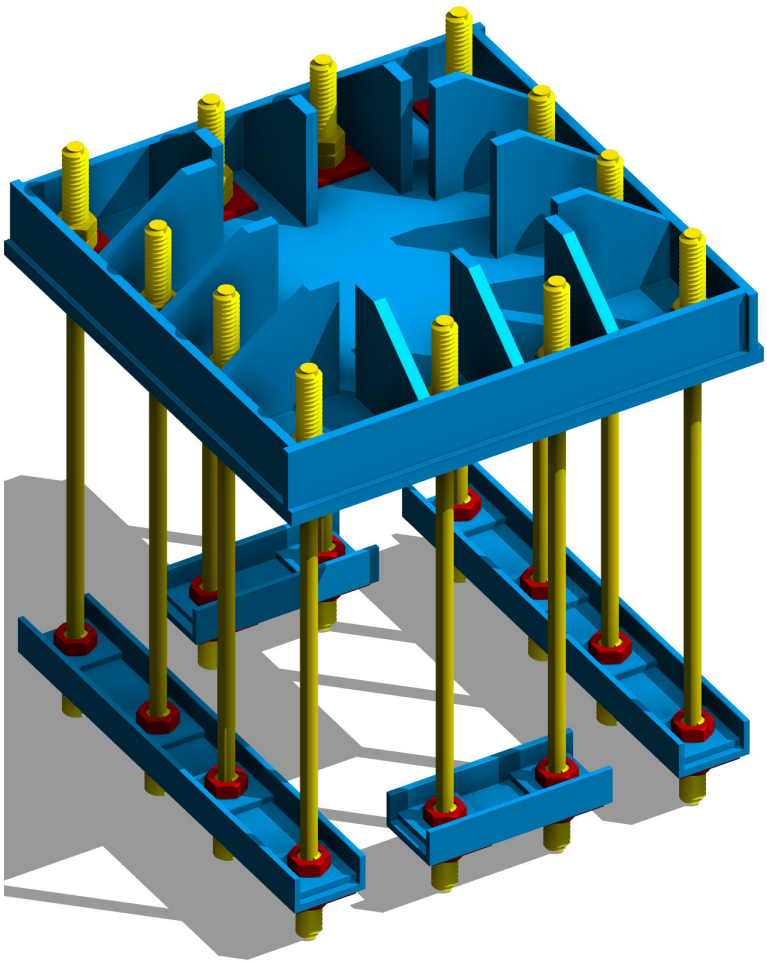
Structural Detailing & BIM Modeling











PROJECT 02

Residential Renovation

This residential renovation transforms an existing apartment into a contemporary living environment through spatial refinement, interior redesign, and careful material selection. The project focuses on improving functionality, enhancing natural light, and creating a cohesive architectural language that balances aesthetics with everyday living.

Residential Renovation
Interior Design
Architectural Visualization
Material & Lighting Design
Spatial Planning





Living & Public Spaces

The main living areas were redesigned to establish a seamless connection between the living room, dining area, and kitchen. Neutral materials, integrated lighting, and clean detailing create a warm and functional environment while maximizing openness and visual continuity.









Bathroom & Private Spaces

Private spaces were designed with an emphasis on comfort, simplicity, and refined detailing. The bathroom incorporates contemporary materials and concealed lighting, while the bedrooms maintain a calm atmosphere through soft colors, natural textures, and efficient spatial organization.











ALIREZA FALAHAT

ARCHITECTURAL DESIGNER

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Tehran , Iran

EDUCATION

2024_Now [M.A. in Interior Architecture]
Islamic Azad University , Central Tehran Branch

2019_2024 [B.Sc. in Architectural Engineering]
Islamic Azad University , Central Tehran Branch

SOFTWARE

Revit
Autocad 2D
Sketchup
Enscape
Adobe Indesign
Adobe Illustrator
Adobe Photoshop

SKILLS

Architectural Design
BIM Modeling
Construction Documentation
Detailing
Interior Design
Visualization

LANGUAGES

Persian	Native
English	A2 to B1

EDUCATION

Architectural designer with experience in residential design, renovation, BIM modeling,
and construction documentation. Interested in the integration of architectural design,
technical detailing, and digital workflows. Seeking to further develop research and
design skills through graduate studies.

EXPERIENCE

Architectural Designer | AJA Group **2024 - 2025**

. Designing residential and interior projects from concept to construction documents
. Preparing detailed plans, elevations, sections, and details
. Attending site meetings and coordinating with contractors

Site Supervisor | Various Projects **2021- 2023**

. Supervised on-site construction activities and ensured compliance with drawings
. Coordinated with contractors and managed daily site operations
. Monitored project progress, quality, and safety standards
. Resolved technical issues and ensured timely project delivery

Intern - Execution Department | Various Projects **2020**

· Assisted in site inspections and progress reporting
. Prepared shop drawings and as-built documentation
· Learned construction processes and site management

