



# Architectural Portfolio

Alireza Sheikh Sarraf

2025



## An Over View of My Life



**B**orn and raised in Isfahan, a city shaped by centuries of architectural heritage and climate-responsive design, I grew up in a 100-year-old house where materials, textures, and spatial organization were carefully crafted to reduce waste and respond naturally to the environment. This lived experience formed the foundation of my architectural thinking.

My approach to architecture is rooted in a dialogue between sustainability and heritage. I seek to reinterpret traditional spatial logic, material intelligence, and climatic strategies through contemporary design methods, creating architecture that is both environmentally responsible and culturally grounded.

Through my work, I aim to design internal and external spaces that respect continuity, respond to place, and contribute to a more sustainable built environment.

Alireza SheikhSaraf



# Overview of Resume

## Education:

### 2022 – 2017 | Master of Science in Architecture (M.Sc.)

payam Noor University (PNU) of Hormozgan

GPA: 15.85/20 | Thesis Mark: 18/20

Thesis Subject:

Performing Arts Center focusing on Sustainable Architecture with utilizing renewable energy through the Photovoltaic system.

### 2017 – 2011 | Bachelor of Science in Architecture (B.Sc.)

Azad University (IAU), Iran

GPA: 13.54/20 | Thesis Mark : 16/20

Thesis Subject:

Institute for Art and Architecture with a New Building Technical Approach.

#### Softwares

AutoCAD – Expert - 90%

Revit Architecture – Advanced - 80%

Rhinoceros - Advanced - 80%

Grasshopper – Intermediate - 60%

Lumion- Advanced - 70%

Enscape – Advanced - 70%

Indesign – Intermediate - 60%

Photoshop -Intermediate- 60%

#### AI & Design

Stable Diffusion

AI-Assisted Visualization

Prompt Engineering

#### Reaserch Interests

Sustainable Design & Green Architecture

Architectural Heritage Conservation & Adaptive Reuse

AI-Assisted Design & Digital Heritage

Energy Efficiency in Historic Buildings

Regenerative Architecture

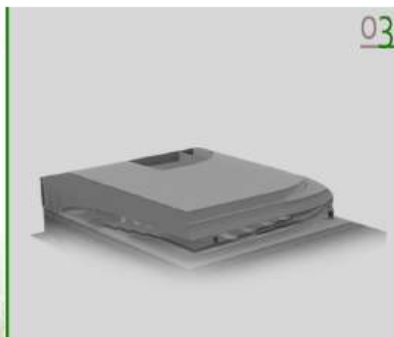




**PERFORMING ART CENTER**  
Approach: Sustainable Architecture with  
Using Energy And Photovoltaic Systems  
Master Thesis



**Peace House**  
Approach: With the approach of  
promoting social relations)



**Arch Mall**  
Approach: Less is More



**Home Office**  
Approach: preservation traditional  
architecture  
Bachelor Thesis



**Khajo Hotel**  
Approach: DESIGN IN NIGHBORHOOD'S  
TEXTURE



**Art and Architecture Research  
Institute**  
Approach: PROMOTE  
THE IRANIAN ART



**Landscape design**  
Approach: USE NATURAL MATERIAL  
OF THE LOCATION



**City Tower**  
Approach: Green Architecture

# Photography Portfolio

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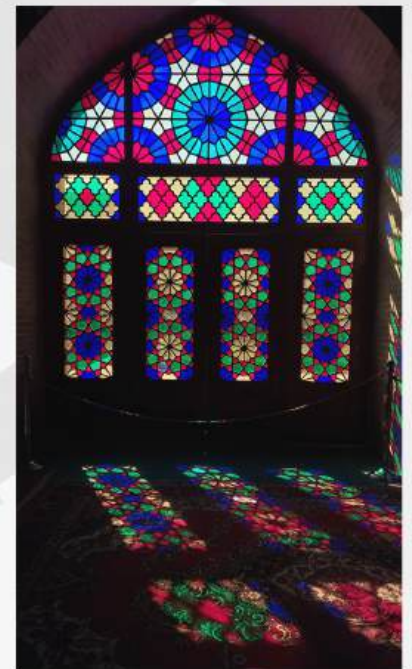
## YAZD

The cradle of adobe architecture



## ISFAHAN

The heart of Persian architectural heritage



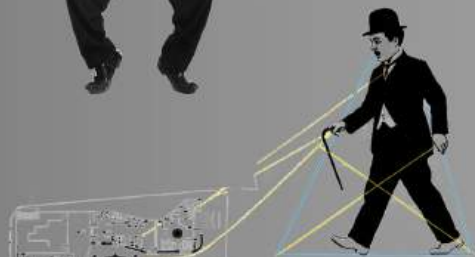
## SHIRAZ

The threshold between tradition and modernity



# The source OF inspiration

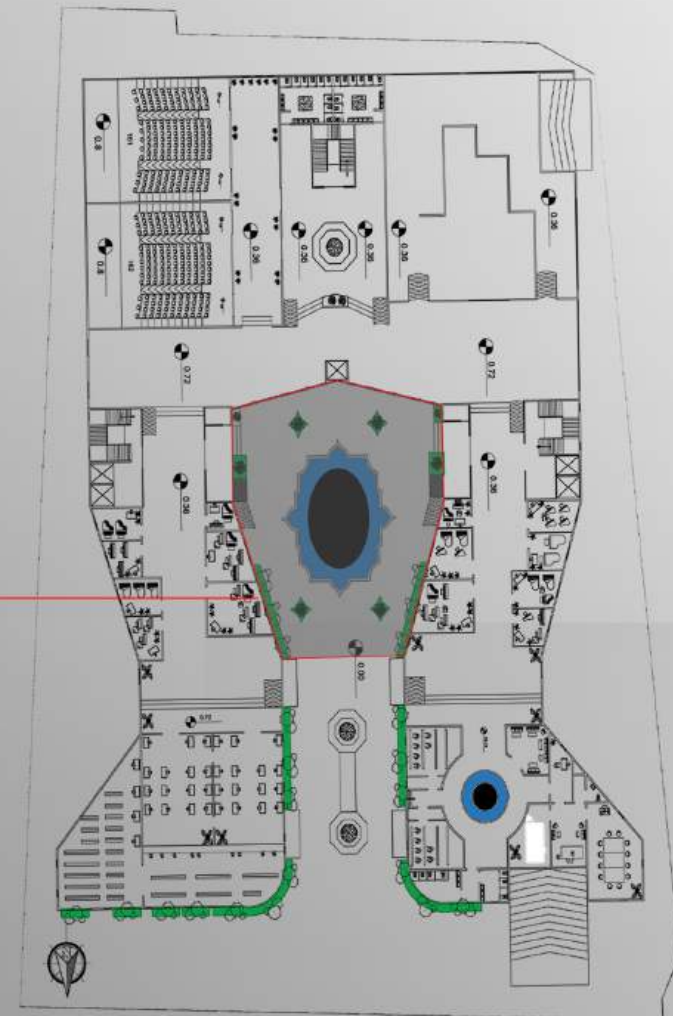
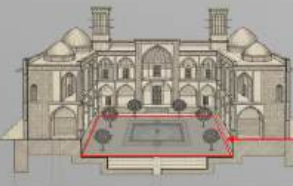
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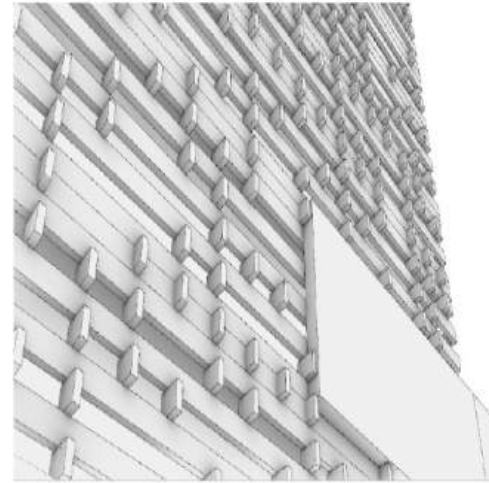
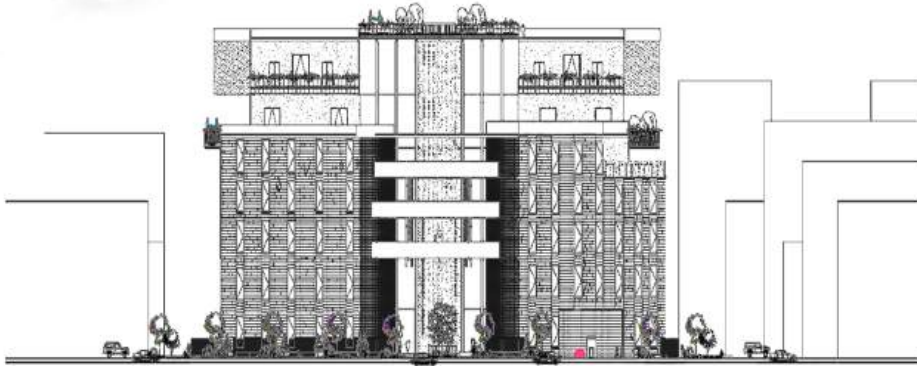


This project incorporates conceptual architecture, blending it with contextual design, merging traditional elements with modern concepts. The final form is inspired by Charlie Chaplin's legs, which influenced the project's structure.

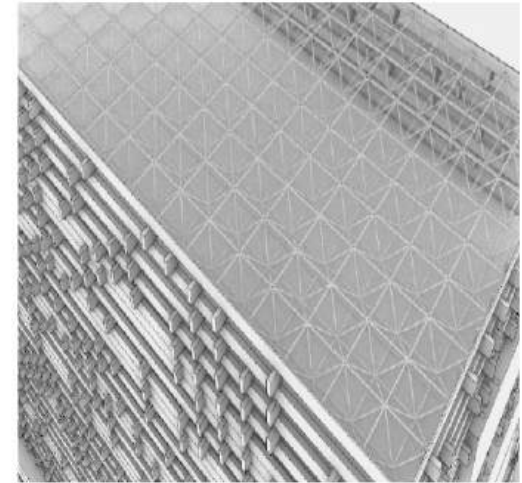
Central courtyard is a key element of traditional Iranian architecture, mainly used in hot-arid and semi-arid climates. It regulates temperature, provides privacy, enhances natural ventilation, and creates a social and climatic core for daily life.

Court Yard





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## Integration of Traditional and Modern Architecture with Sustainability Principles:

This project aims to integrate traditional architecture, such as central courtyards, with modern architectural approaches. Therefore, every gap and space is utilized, aligning with sustainability principles and minimizing wasted space to protect the environment.





## Reason for Choosing This Subject

Living in Isfahan, a city steeped in history, I have encountered two pressing challenges: the scarcity of performing arts centers and the lack of attention to sustainable energy solutions, particularly photovoltaic systems. This project is driven by a vision to bridge these gaps—cultivating cultural spaces while advocating for a greener future. Due to Isfahan's traditional architecture, using brick aligns with the city's historic aesthetic. Therefore, 90% of this project is made of brick.



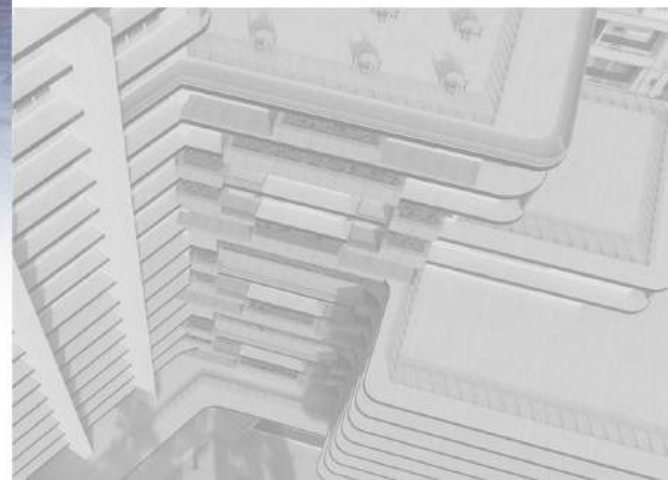


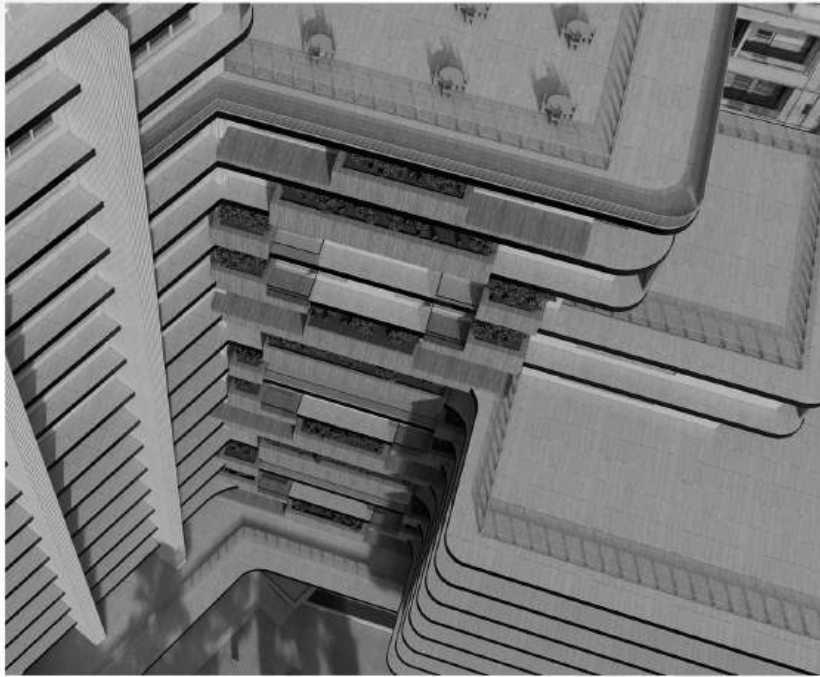
The main purpose of designing this project is to create a quiet house in line with the goals of sustainable architecture and to promote human communication on the scale of a complex.

## Peace House

Approach: With the approach of promoting social relations)

Design 2





Peace House redefines residential living by combining tranquility with social engagement at the scale of a housing complex. Instead of isolating residents, the project uses shared courtyards, visual connections, and soft transitions between private and public spaces to foster human communication. The design emphasizes long-term livability, respect for the surrounding urban fabric, and a sustainable lifestyle, where architecture supports both mental well-being and environmental responsibility.



Interior Design



## Arch Mall

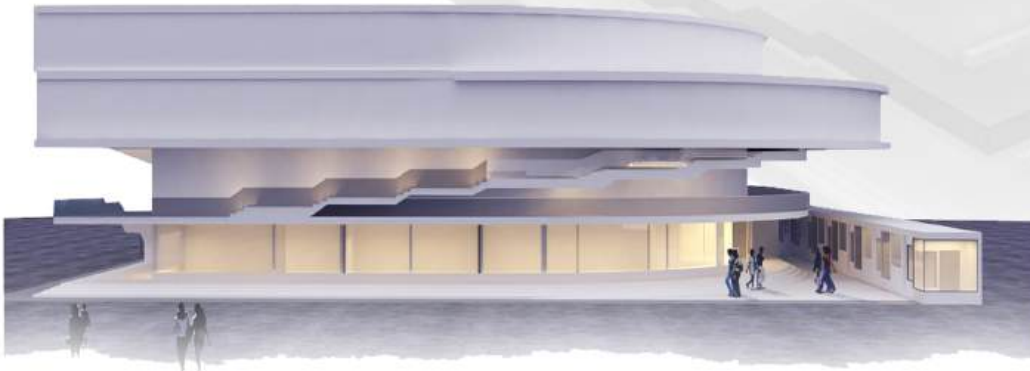
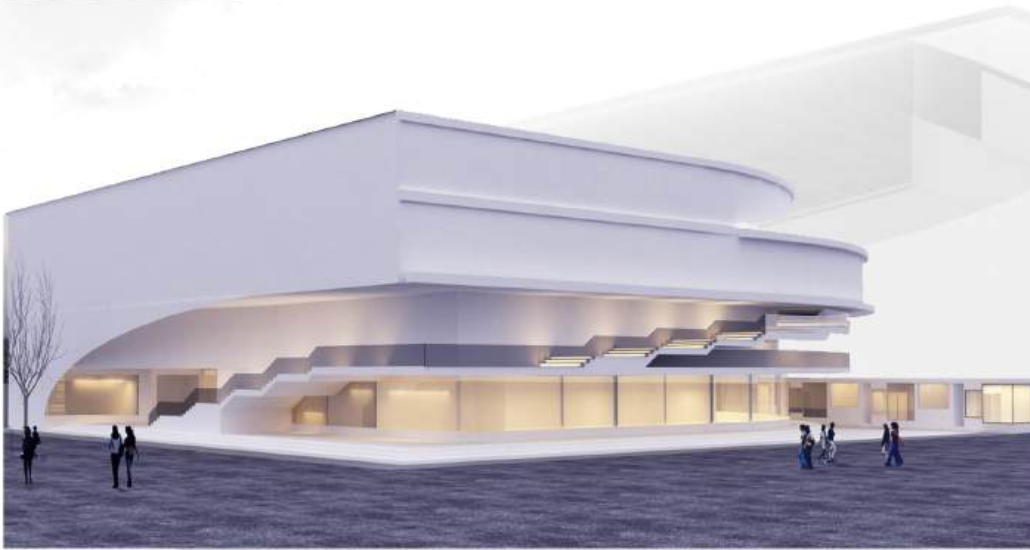
Approach: Less is More

Design 1

### Design Philosophy

As Ludwig Mies van der Rohe famously stated, "Less is more." This principle serves as the foundation of this project, where every line and space is meticulously crafted to embody minimalism. The design explores how a refined, minimal structure can emerge within dense urban environments—specifically in a location as dynamic as Dezashib Boulevard.





"Less is more" defines this approach, where minimalist architecture enhances Dezashib Street's historical essence while embracing modern functionality.

"Less is more" emphasizes simplicity and minimalism, suggesting that reducing excess leads to better and more effective outcomes. It focuses on the essentials, removing unnecessary elements to achieve clarity and elegance. This idea, popularized by architect Ludwig Mies van der Rohe, applies to various fields like design, art, and lifestyle.

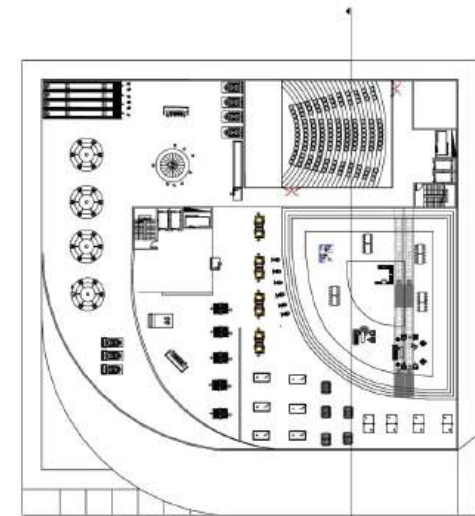


## Architectural Synthesis: Minimalism in Urban Context

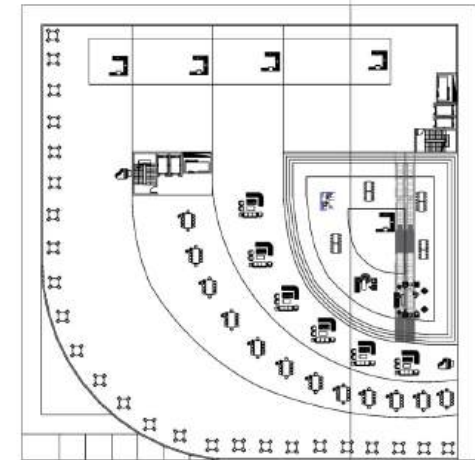
Following the iconic "Less is More" philosophy, this project redefines the spatial experience on Dezashib Street by prioritizing clarity over complexity. The floor plans emphasize a fluid, open-concept arrangement that maximizes natural light while maintaining a rigorous geometric order. By stripping away ornamental excess, the design creates a serene sanctuary within the dense urban fabric.



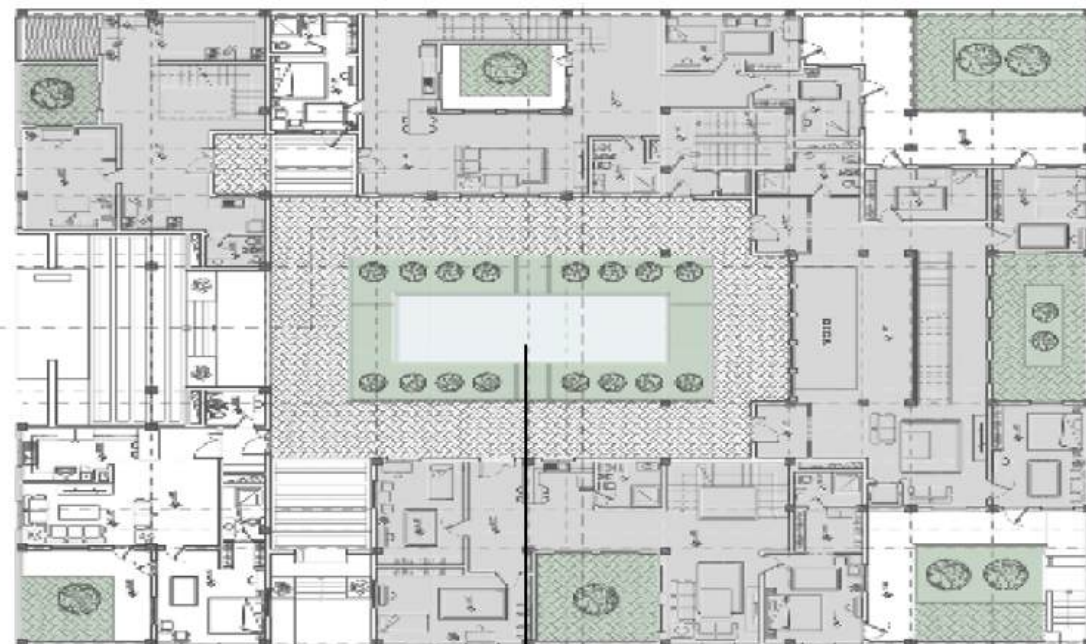
Elevation



Plans

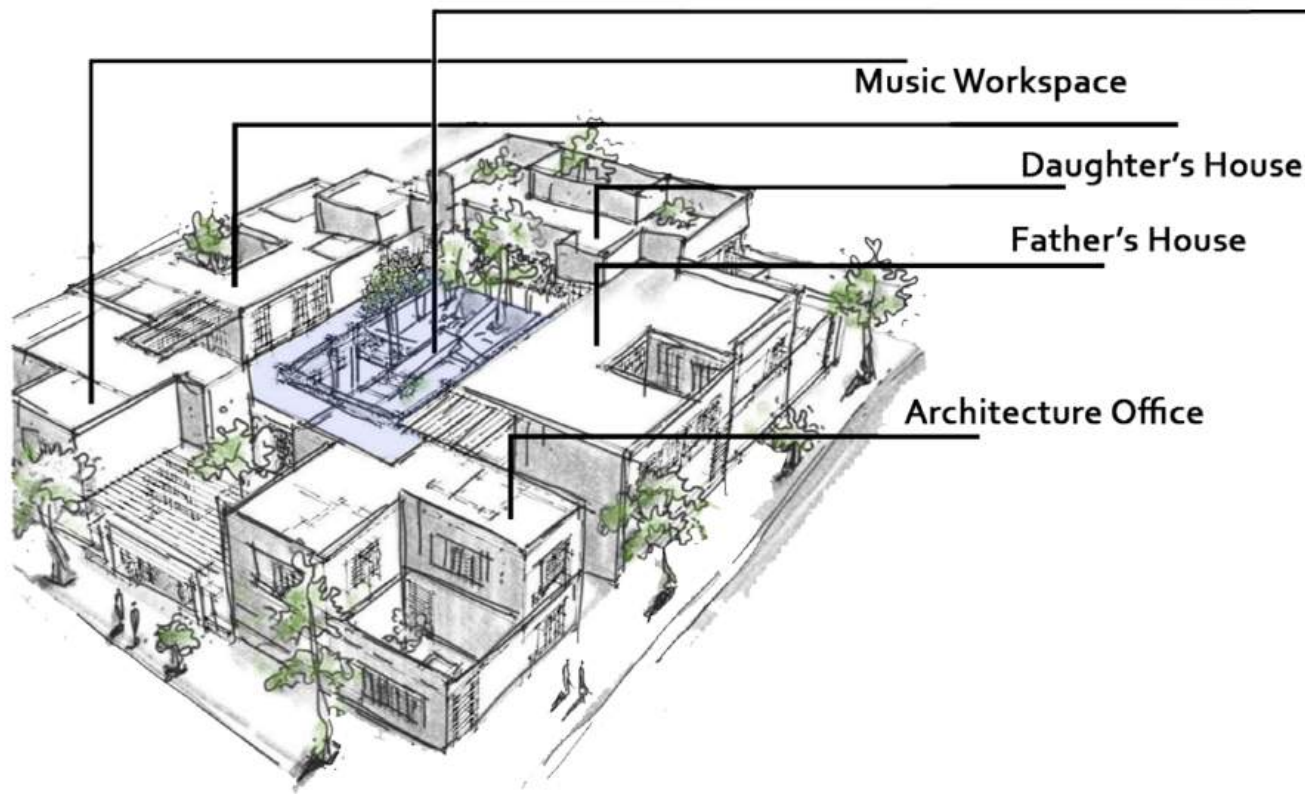


**C** **H**istorical Urban Context  
**O** Located within a historical urban fabric, the project responds sensitively to the existing scale, proportions, and spatial hierarchy of the surrounding neighborhood. Rather than imitating historical forms, the design reinterprets them through contemporary architectural language. The  
**U** massing strategy respects the grain of the context, while setbacks and voids reduce visual density. This approach  
**R** allows the building to integrate seamlessly into its historic surroundings while maintaining a clear and modern identity.



Plan

Court Yard



Section



## I Materiality and Brick Architecture

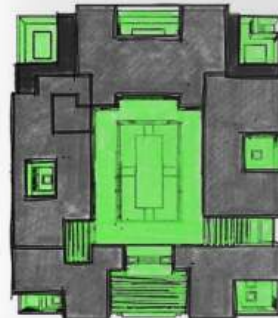
Brick is the dominant material of the project, chosen for its strong cultural, climatic, and tectonic relevance to Isfahan. The use of brick provides durability, thermal mass, and visual continuity with the historical context. Different brick patterns and perforations are employed to control light, ventilation, and privacy. Through material consistency and careful detailing, the project achieves a balanced dialogue between tradition, craftsmanship, and contemporary architectural expression.



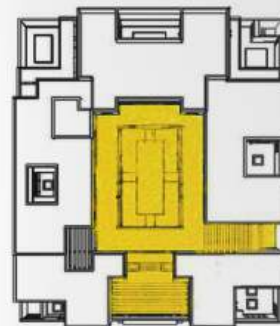
Entrance



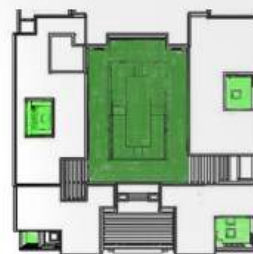
west facade



Mass and space



movement circulation



open space

Hand Drawing



**A** **C**limate-Responsive Design in Isfahan:  
Responding to the hot and dry climate of Isfahan, the design integrates passive environmental strategies to enhance thermal comfort and reduce energy consumption. The central courtyard, shaded circulation spaces, thick brick walls, and controlled openings contribute to natural ventilation and solar protection. Vegetation and water elements further improve microclimatic conditions. These strategies collectively create a sustainable office environment that aligns architectural form with local climate performance.



Section



Render



South facade



## Hotel

Approach: DESIGN IN NEIGHBORHOOD'S  
TEXTURE  
Design 5

### Design Concept

Located in the Khaju district of Isfahan, this hotel project draws inspiration from the city's historic urban morphology and its layered spatial organization. The design reinterprets traditional Iranian architectural principles such as introversion, hierarchy, and courtyards within a contemporary framework. The stepped massing responds to the urban scale of the surrounding fabric, gradually rising to form a vertical landmark while maintaining a strong connection to the street and public life. The project aims to provide a calm and memorable spatial experience for travelers entering the city.

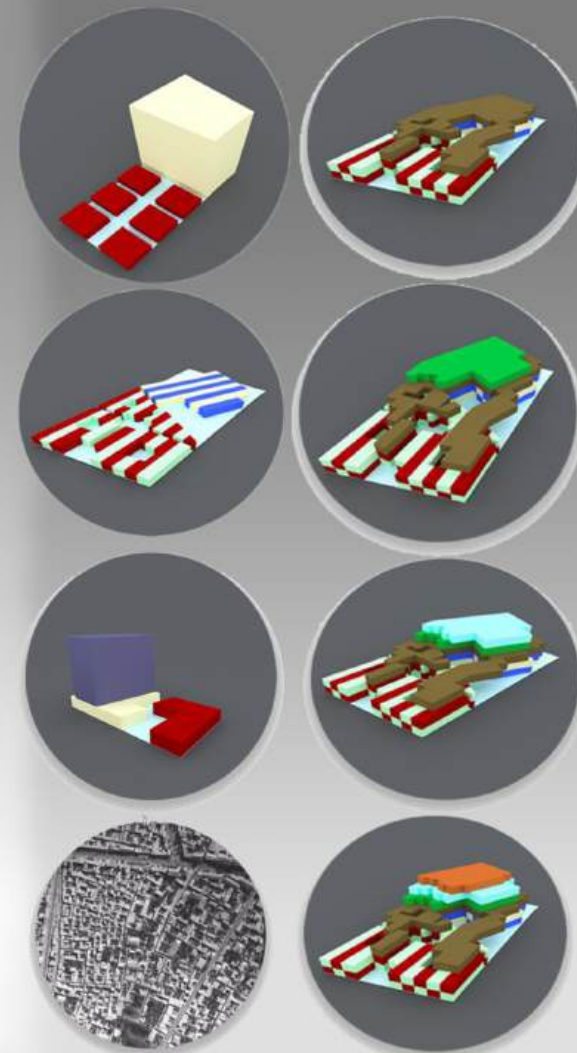


The massing strategy is based on a stepped and modular composition that reduces the perceived scale of the building at street level while emphasizing verticality in upper floors. This approach allows natural light penetration and creates terraces that can be used as green and leisure spaces. The façade articulation follows a repetitive yet flexible system, providing shading, depth, and visual rhythm. This strategy enhances thermal performance while reinforcing a coherent architectural identity.



Westfacade

## ideogram





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## Art&Architecture Research Institute

Approach: APPROACH OF PROMOTE THE  
IRANIAN ART

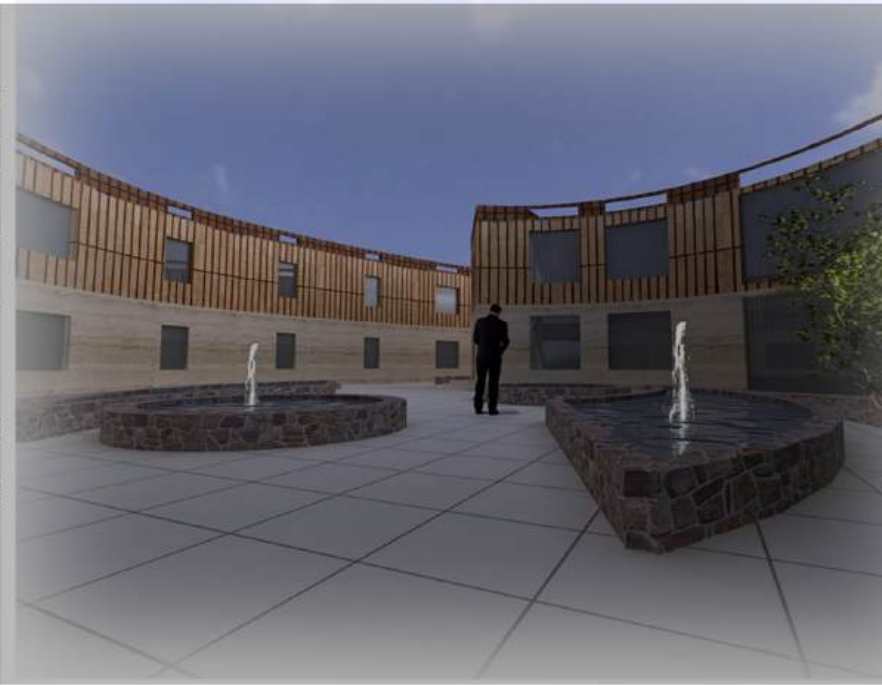
Art and architecture research institute

This architectural design represents a research center for art and architecture in Isfahan, integrating traditional and modern architectural elements with a focus on innovative construction technologies. The form of the building follows an organic, fluid geometry, reminiscent of Persian architectural motifs while incorporating contemporary spatial organization.



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The layout facilitates collaboration and knowledge exchange through open and dynamic spaces. Traditional elements, such as courtyards and geometric patterns, are reinterpreted with modern materials and technologies, ensuring sustainability and efficiency. This fusion of past and future creates a space that respects the historical context of Isfahan while embracing technological advancements in architecture.







IRAN



ISFAHAN



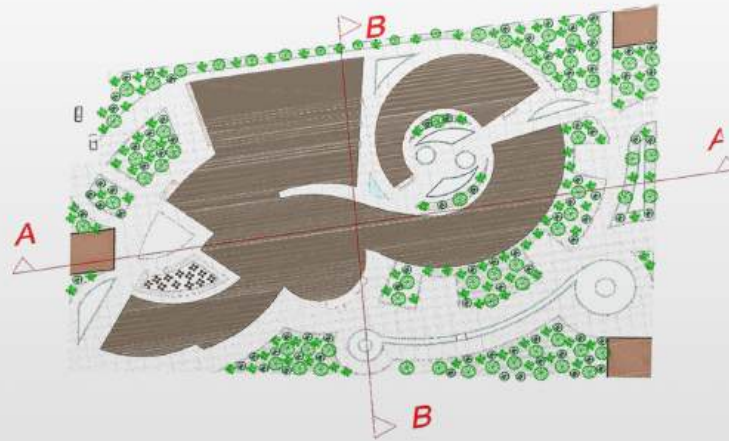
ISFAHAN



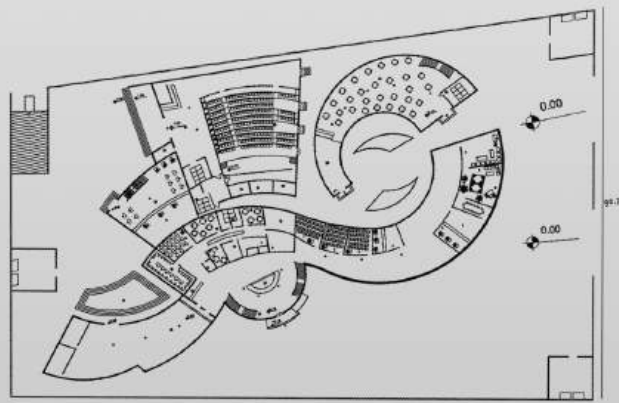
SITE PLAN



SITE PLAN



SITE PLAN



PLAN



Design Replica

## The Main Purpose of the Design

The design aims to introduce and showcase Iranian architecture to both the city's residents and the working community, fostering a deeper connection to cultural and architectural heritage.

## University Landscape Design

USE NATURAL MATERIAL OF THE LOCATION



IRAN



KISH ISLAND

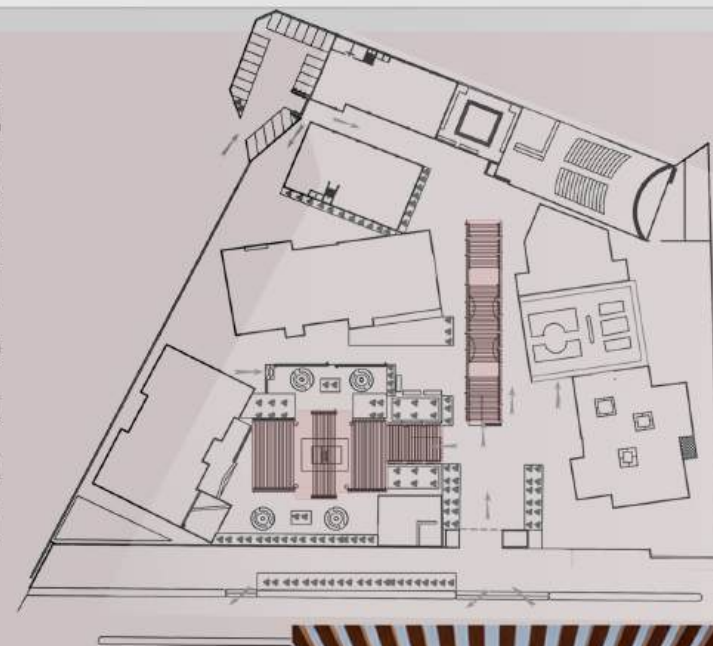
The Main Purpose of the Design:

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**L** This project is a landscape-driven university intervention located on Kish Island, with a primary focus on the design of sustainable shading structures. The canopies act as the central architectural element, developed using thermowood and parametric brick systems to respond to the island's climatic conditions. Designed with natural materials and passive strategies, the shading system improves thermal comfort and defines movement and gathering spaces across the site. Alongside the canopies, the project introduces an open-air amphitheater and two academic buildings for university classes. The overall design emphasizes site-specific responses, environmental performance, and the integration of architecture with landscape.



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# CITY TOWER

sustainable Design

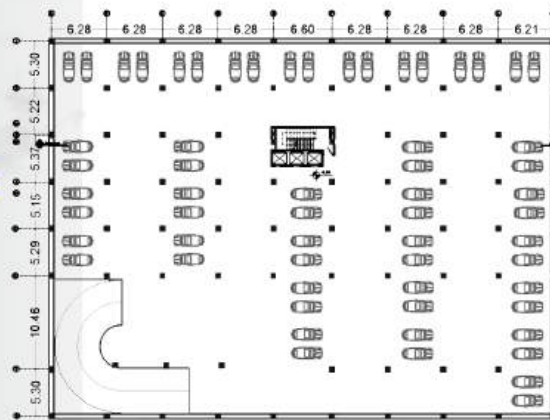
## Architectural Statement: A Sustainable Urban Landmark

**Design Vision** This mixed-use commercial development is conceived as a prominent urban landmark, harmonizing modern architectural aesthetics with ecological responsibility. The project serves as a vibrant social hub, integrating premium retail spaces and high-end dining experiences within a structure designed to redefine the city's skyline.

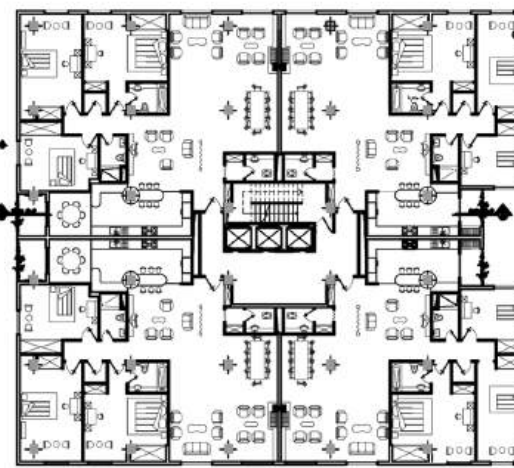
**Eco-Technical Details** Every detail, from the building's orientation to the selection of sustainable materials, has been curated to promote a "green" lifestyle. The project stands as a testament to how vertical architecture can contribute positively to the urban climate while providing a high-quality environment for its users.



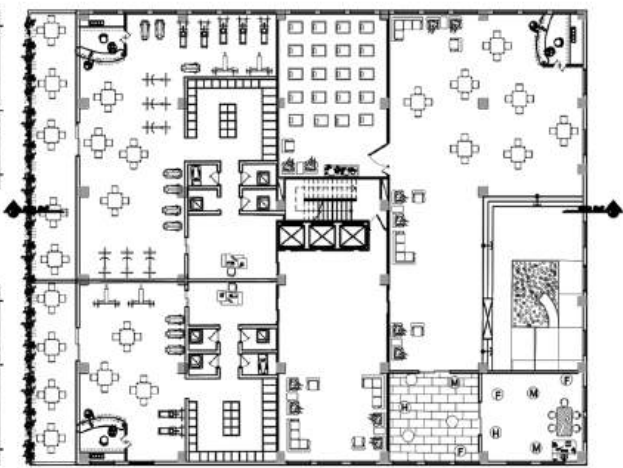




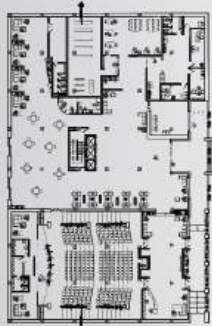
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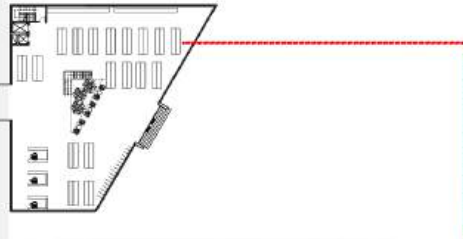
Ground floor



First floor



Top floor



Renders

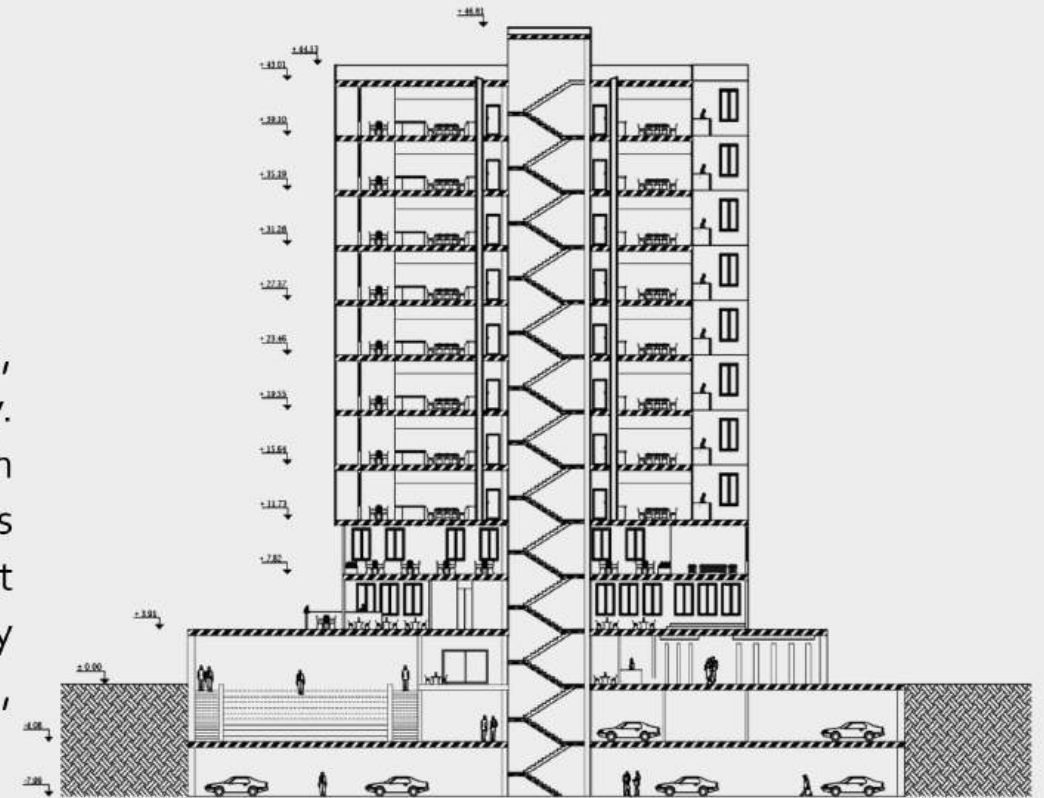


Sustainability & Energy Innovation At the heart of the design is a commitment to Environmental Sustainability. The tower's envelope is optimized for passive solar gain, while an integrated photovoltaic system harvests solar energy to power the building's common areas and lighting. By utilizing advanced energy-saving technologies, the project minimizes its environmental impact and promotes a greener urban lifestyle.

## S Vertical Synergy & Sustainability

E This mixed-use landmark integrates commercial, dining, and residential zones through a logical vertical hierarchy. Designed with a core focus on sustainability, the section optimizes natural daylighting and incorporates photovoltaic systems for energy efficiency. The layout ensures a seamless transition from public retail vibrancy to private residential tranquility, creating a functional, .eco-conscious urban ecosystem

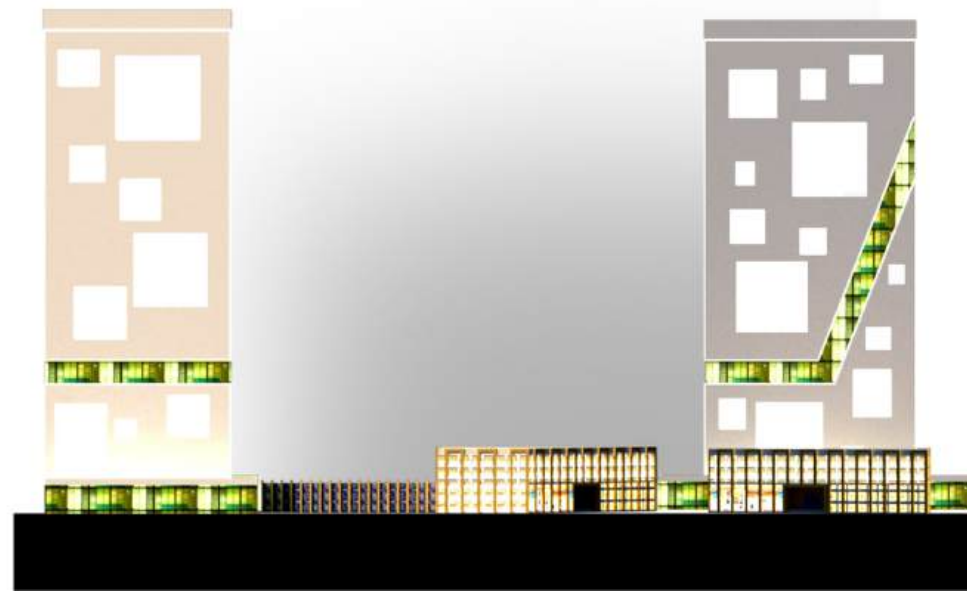
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# PHOTOGRAPHY

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"Thank you for reviewing my work. This portfolio is a growing collection, with new architectural and professional photography projects being added regularly to showcase my evolving creative journey."