

PORTFOLIO.

ARCHITECTURE & INTERIOR DESIGN

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• ABOUT ME

My name is Bahar Khatibi, and I'm an architect with five years of experience — a journey filled with both sweet and challenging moments.

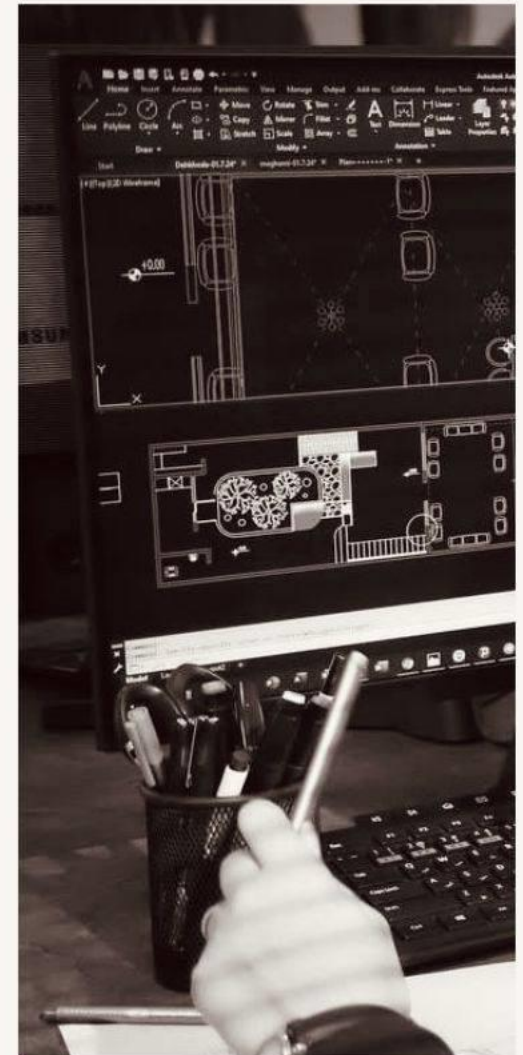
For me, architecture has always felt like composing music. Just as a musician arranges notes to evoke emotion, I use space, light, and form to create meaningful human experiences. When I first began my career, I thought architecture was mostly about building. Now I know it's about feeling — shaping how people connect with the spaces around them.

I see design as a bridge between logic and emotion — between the precision of numbers and the warmth of human needs. Each project begins with a single question in my mind: How will people feel in this space?

My perfectionism sometimes drives my colleagues crazy. I've woken up countless times in the middle of the night because a new design detail suddenly clicked. But that restlessness is also what makes my work meaningful — the constant search for something not just good, but truly right.

One of my most memorable moments came when an elderly client told me after we finished her home:
"This is exactly how I've always imagined it."

That moment reminded me why, despite all its challenges, I still love architecture — because it has the power to turn imagination into experience.



ACADEMIC PROJECTS

Presentation

1. DESIGNING A PSYCHOTHERAPY CENTER

The growing psychological challenges of modern urban life — such as stress and emotional fatigue — inspired me to design a Psychological Therapy Center that could respond to this social issue through architecture.

Rooted in the cultural and environmental character of my city, the project seeks to transform the healing process into a spatial experience. By making use of the site's natural potentials — light, orientation, and climate — I aimed to create an environment that supports mental recovery and accelerates therapy through architectural design.



• CONCEPT

The design concept was inspired by the idea of creating a space that feels as safe and intimate as home.

To achieve this, I drew from the principles of traditional Iranian architecture — especially the Charbagh garden layout and the introverted spatial structure of historic houses.

The Charbagh pattern guided the project's organization and spatial hierarchy, shaping calm and balanced relationships between built and open areas.

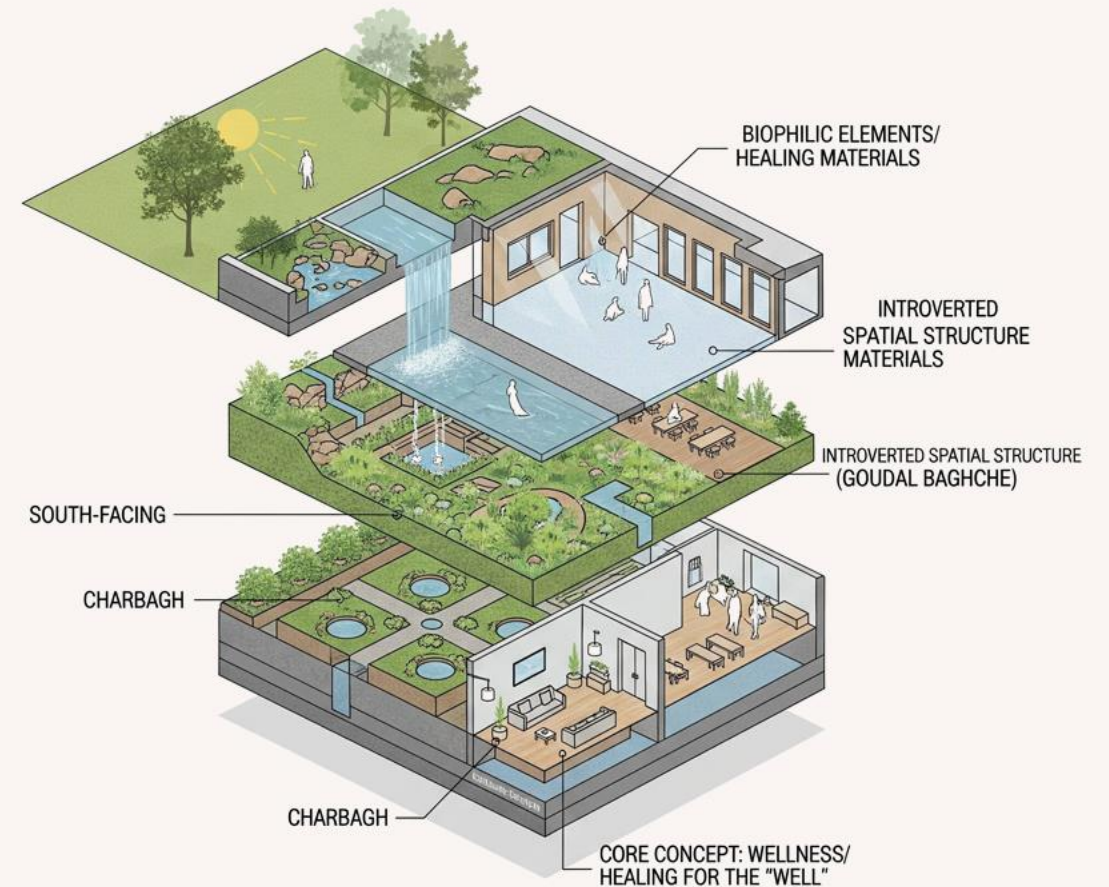
The introverted layout allowed for privacy, silence, and protection from external chaos — qualities essential for psychological healing.

Through these concepts, the center becomes more than a clinical facility; it becomes a place of belonging, where architecture itself participates in the healing process.

Through the study of interdisciplinary connections between psychology and architecture, I aimed to design a space that actively supports the healing process.

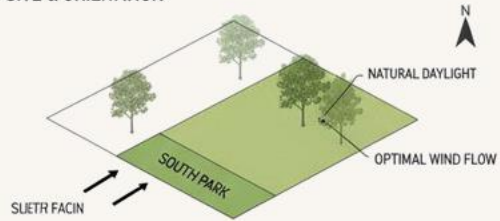
Using architectural elements such as light, color, material, and form, the project explores how spatial qualities can influence human emotions and contribute to mental recovery.

The result is an environment where architecture itself becomes a therapeutic tool — guiding users toward calmness, balance, and emotional well-being.



• **CONCEPT**

SITE & ORIENTATION



SOUTH-FACING ADVANTAGE



KEY BENEFITS



- Enhanced Patient Well-being
- Biophilics with a view
- Passive Natural Light
- Abundant Cooling & Ventilation
- Reduced Stress
- Reduced Stress & Anxiety



MAXIMIZING SOLAR EXPOSURE

SOUTH-FACING DESIGN

OPTIMAL NATURAL DAYLIGHT / SOLAR GAIN

PERSIFIC ELEMENTS SOLAR GAIN

SHADED ARCADE PATHWAYS / THERAPETIC CIRCULATION

SHADED ARCADE/ CONTROLLED AMBIANCE

FRAMED SOUTH PARK VIEWS

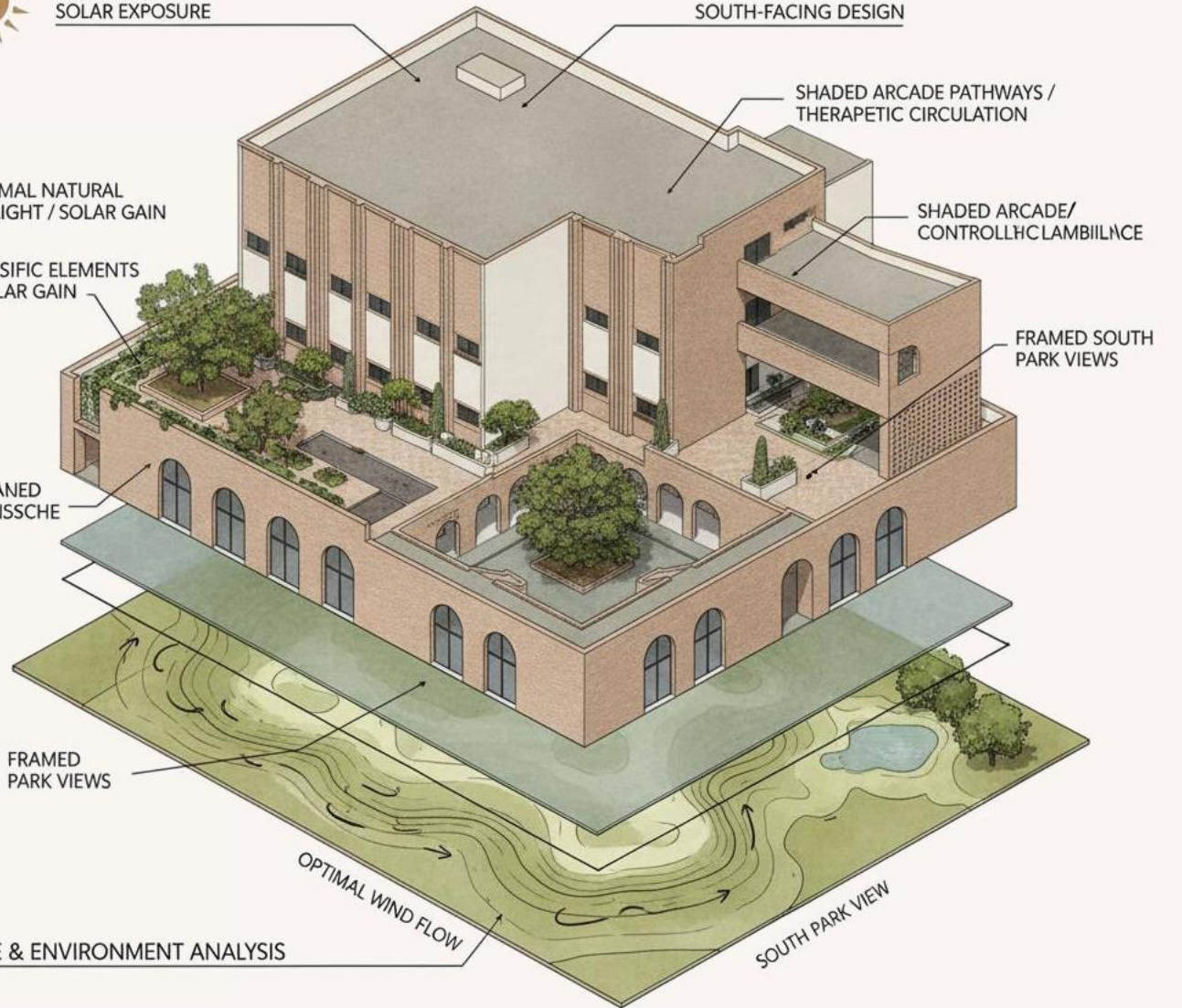
PIEANED LANSSCHE

FRAMED PARK VIEWS

OPTIMAL WIND FLOW

SITE & ENVIRONMENT ANALYSIS

SOUTH PARK VIEW



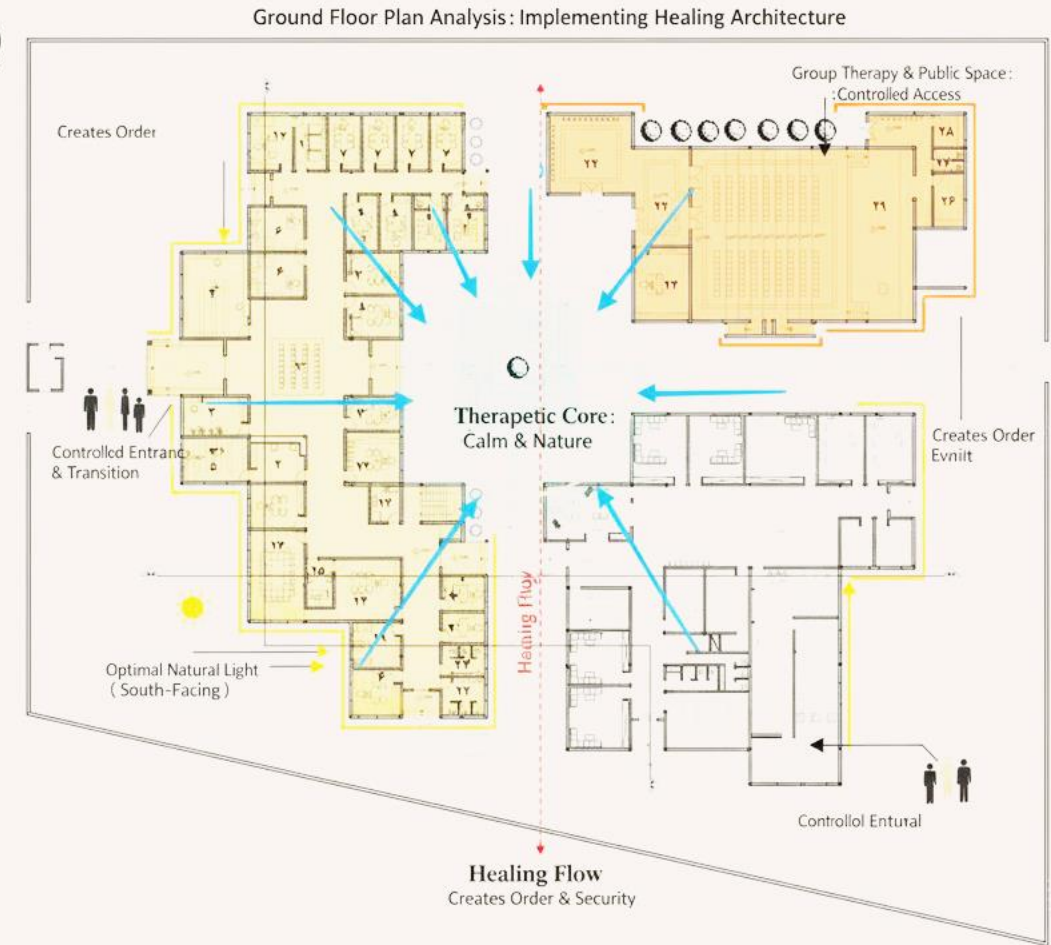
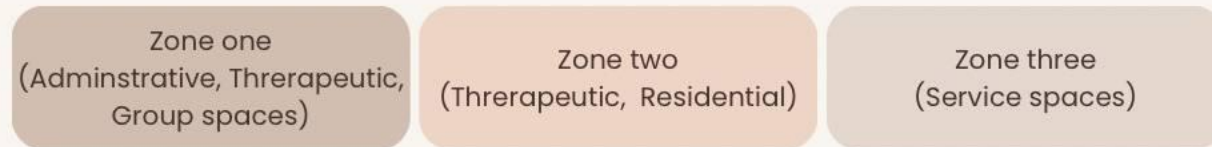
• ARCHITECTURAL DRAWINGS

The drawings explore how spatial organization, light, and materiality can support psychological healing.

The design aims to create calm, safe, and introspective environments, integrating nature and architecture to promote mental well-being.

• PLANS

The project is structured around three functional zones, designed to create a gradual transition between public, semi-private, and private therapeutic spaces.

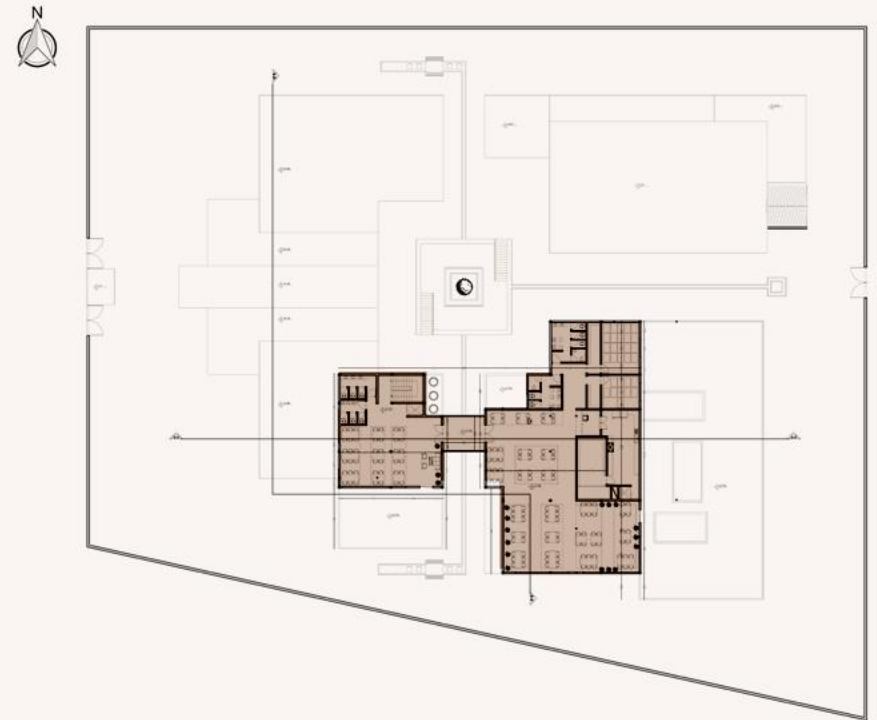


• PLANS

Zone one
(Adminstrative, Threrapeutic,
Group spaces)



- Ground Floor plan
(Clinic, Offic, amphitheate)



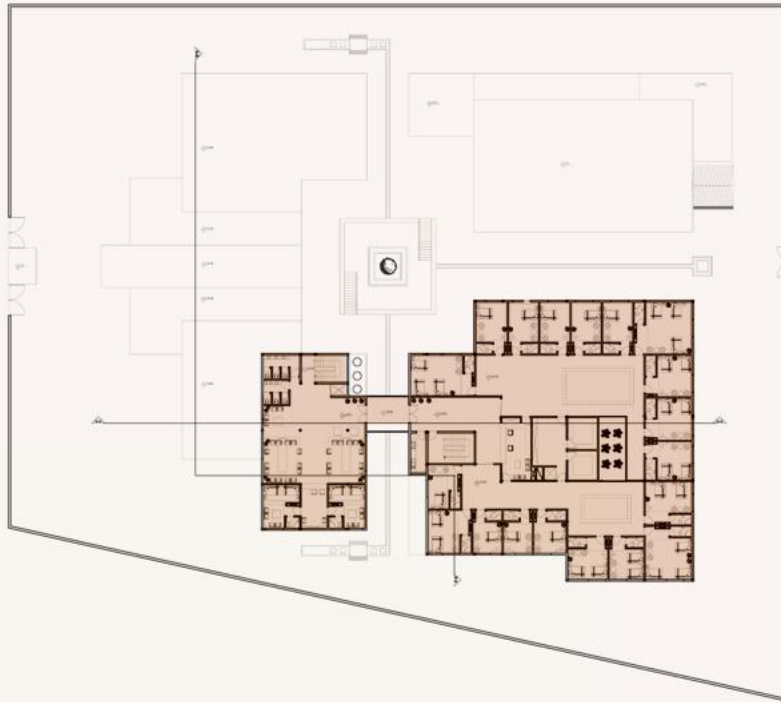
- Second Floor plan
(Cooking and Service area)

• PLANS

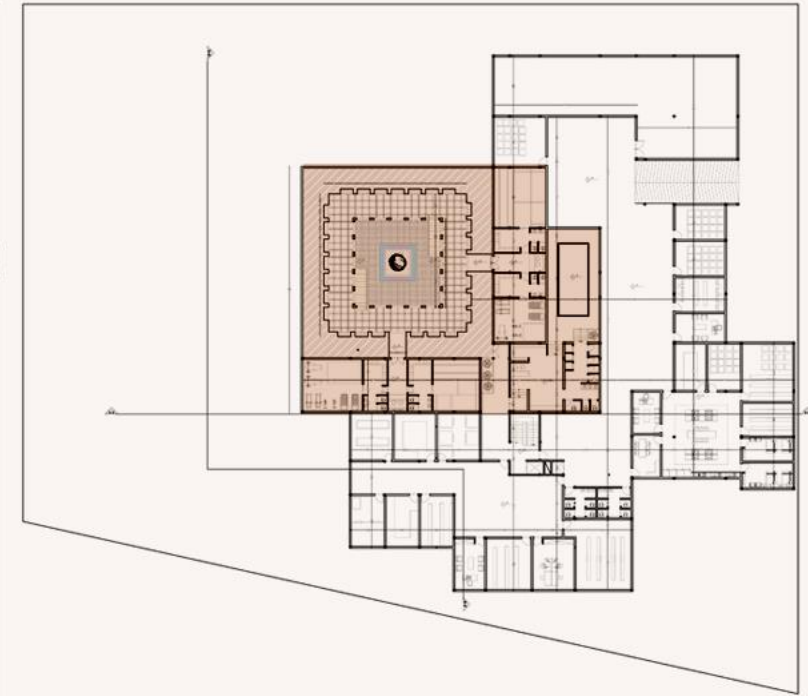
Zone two
(Therapeutic, Residential)



• Ground Floor plan
(Art therapy and the library)



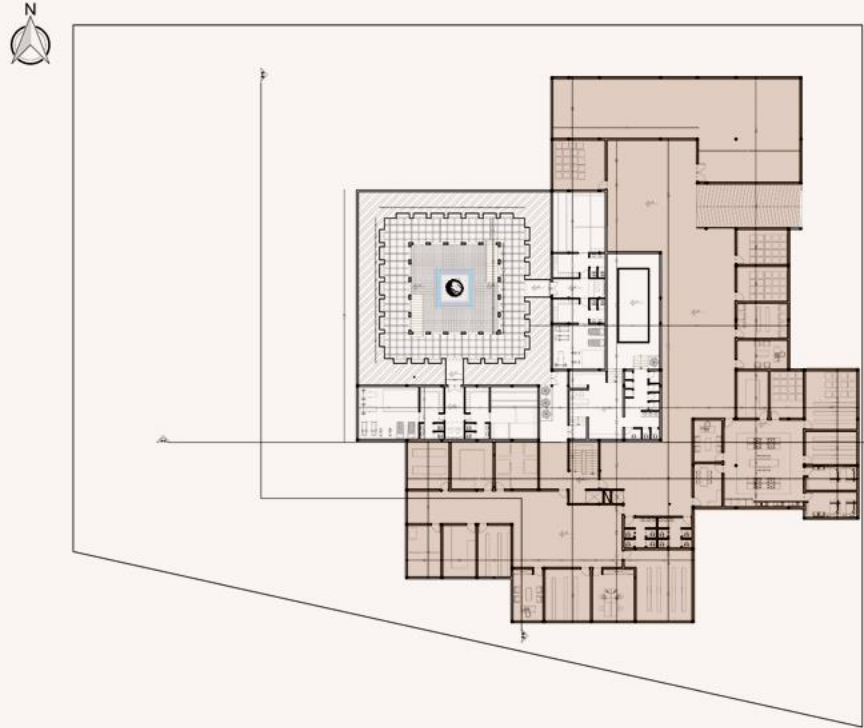
• First Floor plan
(Male Inpatient Ward)



• Basement Floor plan
(Art Therapy)

• PLANS

Zone three
(Service spaces)



- Basement Floor plan
(Laundry, Kitchen, Utilities)



- Site plan

• FAÇADE DESIGN

Inspired by traditional Iranian geometry, the façade combines local brick and green elements to enhance healing, identity, and spatial harmony.



• South Elevation



• East Elevation

• SECTION



• Section A-A



• Section B-B

- **THERAPEUTIC ENVIRONMENT VISUALIZATION**

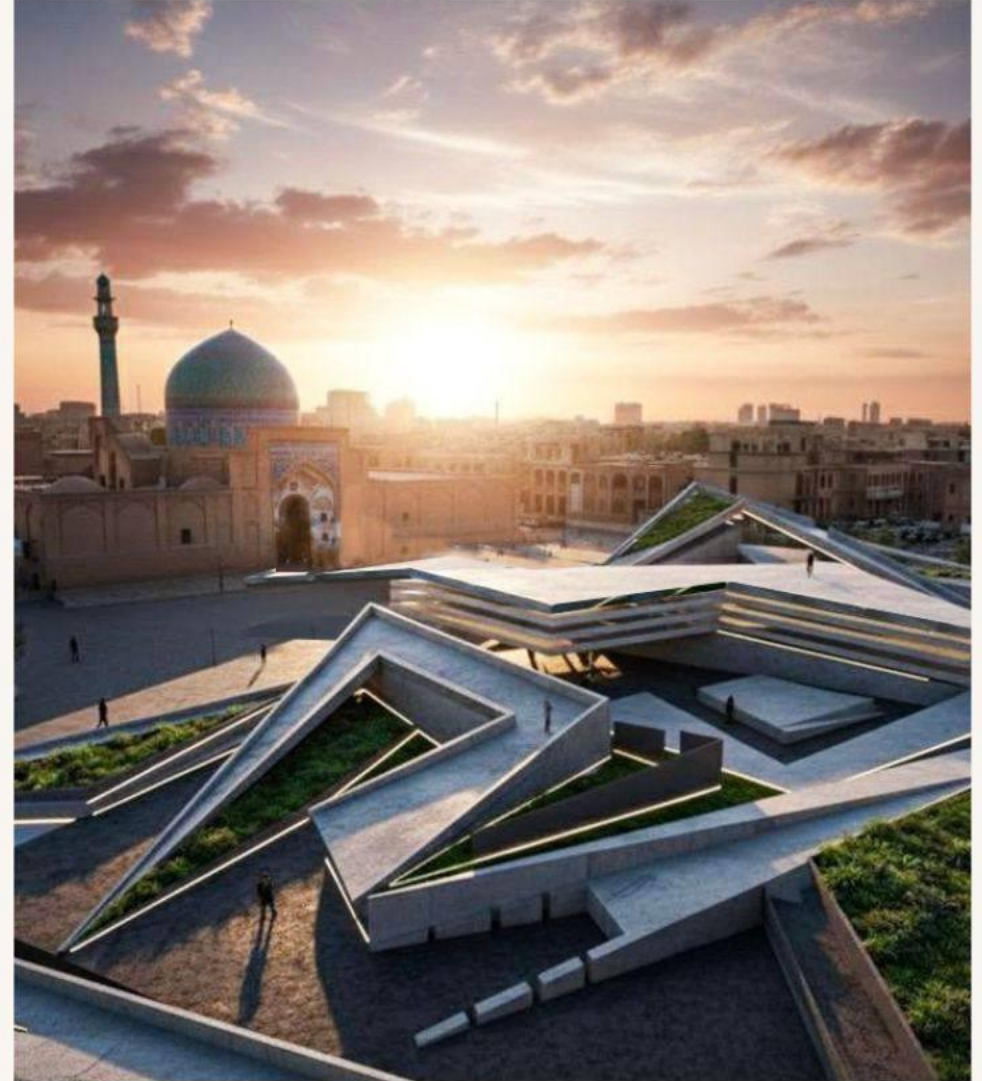


- **THERAPEUTIC ENVIRONMENT VISUALIZATION**



2. URBAN LANDSCAPE DESIGN

"This project is an architectural response to the challenge of engaging constructively with historical fabric and cultural heritage. The project site is located adjacent to the historical Khajeh Rabi' Tomb in Mashhad, Iran. The goal is not merely to create a new building, but to establish a cultural and gallery space that seeks its deep roots in the region's architectural tradition and art, subsequently bridging it with a completely contemporary design language."



• CONCEPT

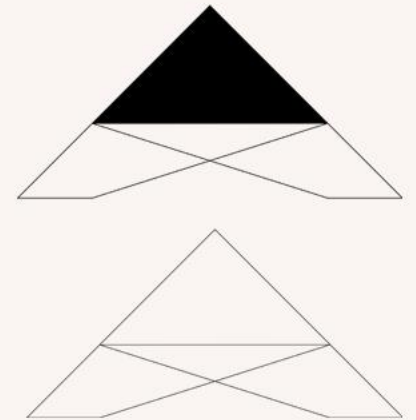
• IDENTITY & URBAN CHALLENGE:

This research commenced with the aim of discovering and reimagining the core identity of the historical Khajeh Rabi' Tomb. As a historical-pilgrimage nucleus within Mashhad's urban fabric, Khajeh Rabi' required a thoughtful architectural intervention, particularly since its heritage value had diminished due to irregular urban growth. The main objective was to revitalize this identity through a comprehensive Urban Landscape Strategy.



• FRACTAL DECODING:

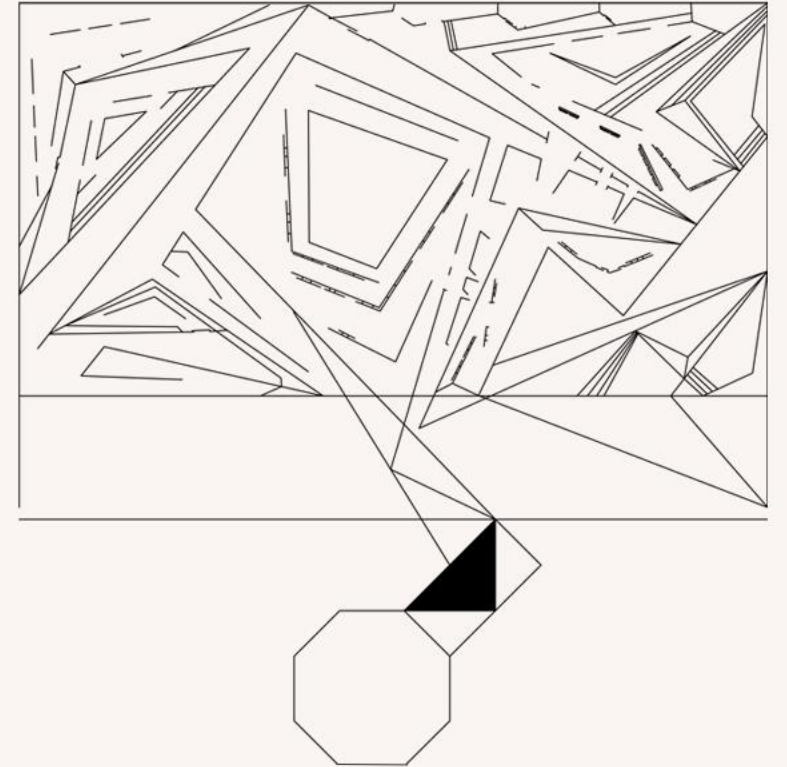
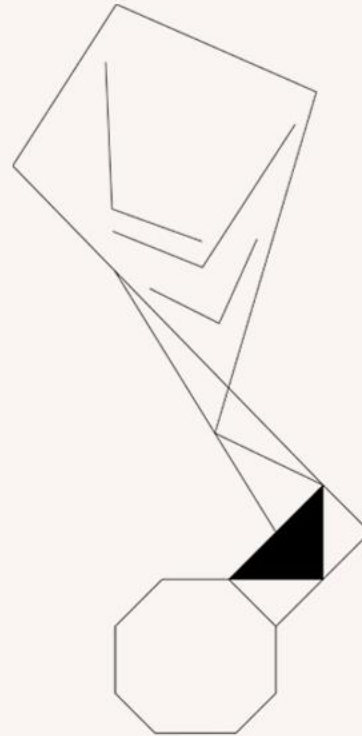
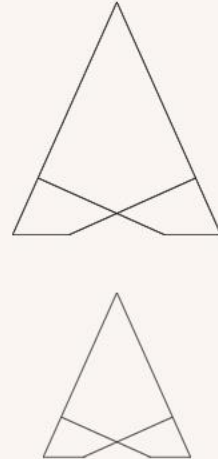
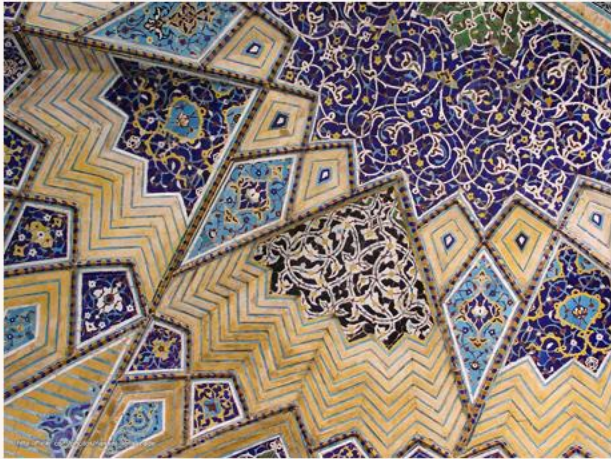
Initial research focused on analyzing the visual language and interior ornamentation of the Khajeh Rabi' Tomb. By studying the tilework and dome, we discovered the presence of Fractal Geometry, manifesting patterns of expansion, continuity, and unity in diversity. This analytical approach provided the core essence for establishing a dynamic, contemporary design language.



• CONCEPT

• TRANSLATING TO FORM:

The dome's ornamentation and its underlying mathematical principles were established as the direct foundation for our project's plan design. By utilizing the concept of line fracturing, the design translates the dynamism of the interior decoration into an external, urban architectural space. Ultimately, this core concept (fractured geometry) is rooted in this analysis, employing the method of converting a triangle into a square to govern the spatial organization of the project.

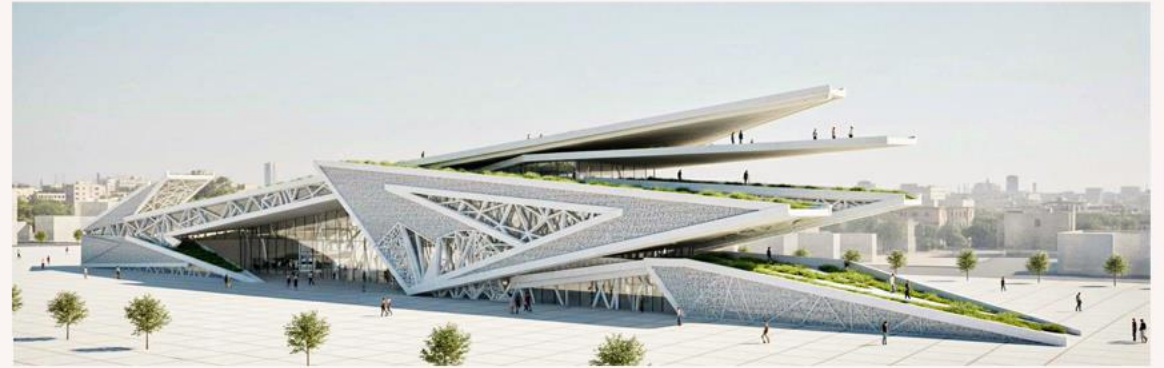


- **ARCHITECTURAL DRAWINGS**

- **PLAN**



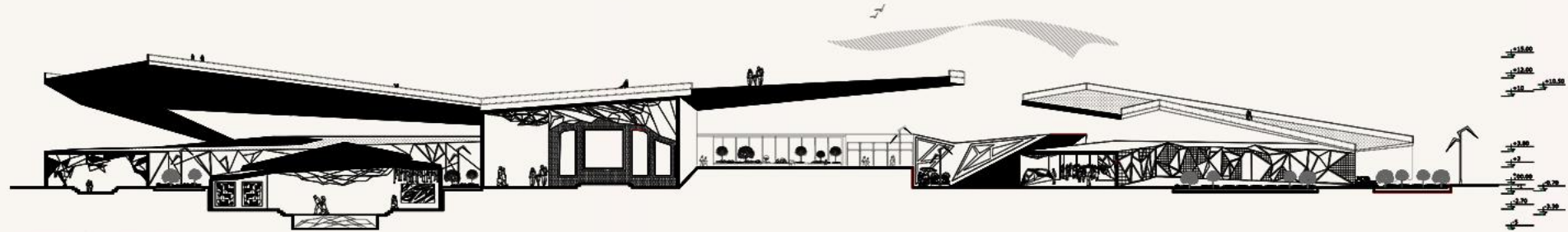
- **FAÇADE DESIGN**



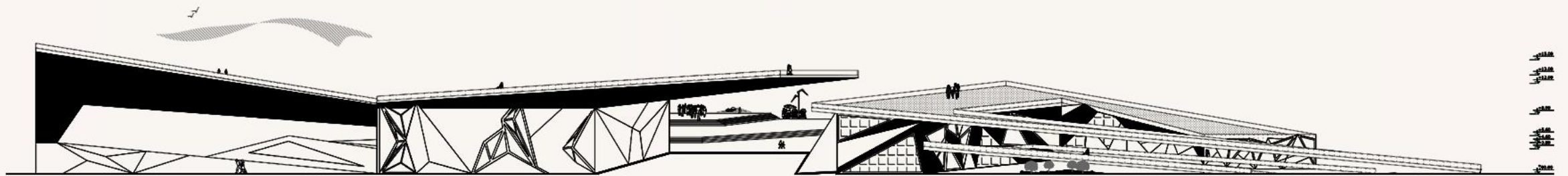
- South Elevation

- **ARCHITECTURAL DRAWINGS**

- **SECTION**



- Section A-A



- Section B-B

- **THERAPEUTIC ENVIRONMENT VISUALIZATION**



• THERAPEUTIC ENVIRONMENT VISUALIZATION



3. FROM INSIDE OUT — A PRAIRIE STYLE RESIDENCE

(House design inspired by Frank Lloyd Wright's organic philosophy)

Developed through an analytical study of Frank Lloyd Wright's Prairie Style, this project explores the translation of his organic philosophy into contemporary spatial design, following a process from conceptual research to plan development through the inside-out approach.

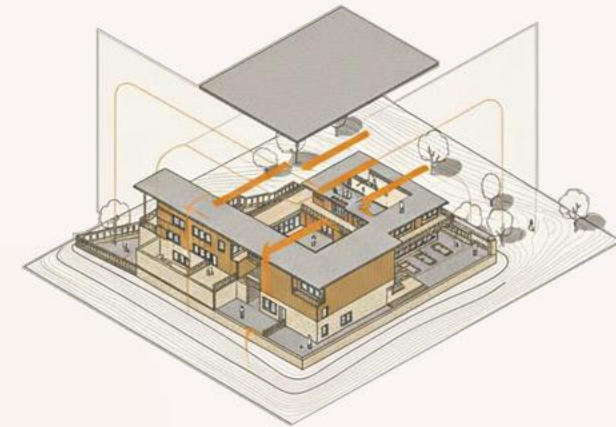


- **ARCHITECTURAL NARRATIVE:**
SPATIAL COMPOSITION & FLOW ANALYSIS

These diagrams articulate the core principles behind the L-Shaped Residence, showcasing the thoughtful integration of form, function, and user experience. They provide a deeper insight into the design methodology, from volumetric composition to the dynamic interaction within and around the structure.

**ARCHITECTURAL COMPOSITION**

This exploded diagram illustrates the layered structure and volumetric hierarchy of the L-Shaped Residence, revealing how its key components (roof, levels, and base) integrate to form the overall architectural mass.

**SPATIAL FLOW & CONNECTIONS**

This diagram analyzes the functional flow and connectivity within the design. It highlights primary circulation paths and visual relationships, demonstrating how spaces are sequenced for an enhanced user experience and environmental interaction.

• MASSING & FORM EVOLUTION: L-SHAPED RESIDENCE

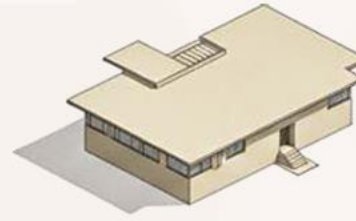
Conceptual development of the form, showcasing the integration of horizontal extensions, terracing, and cantilevers based on the Prairie Style principles.



1. Site & Grid Analysis



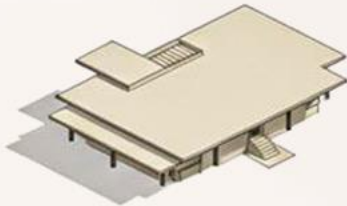
2. Base Volume Mass



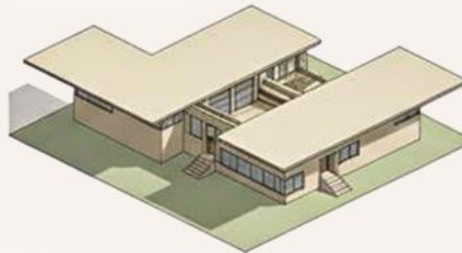
3. Initial Extrusion



4. Horizontal Division



5. Initial Patio Cut



6. Horizontal Extensions



7. Terracing / Void Openings



8. Final Form Refinement

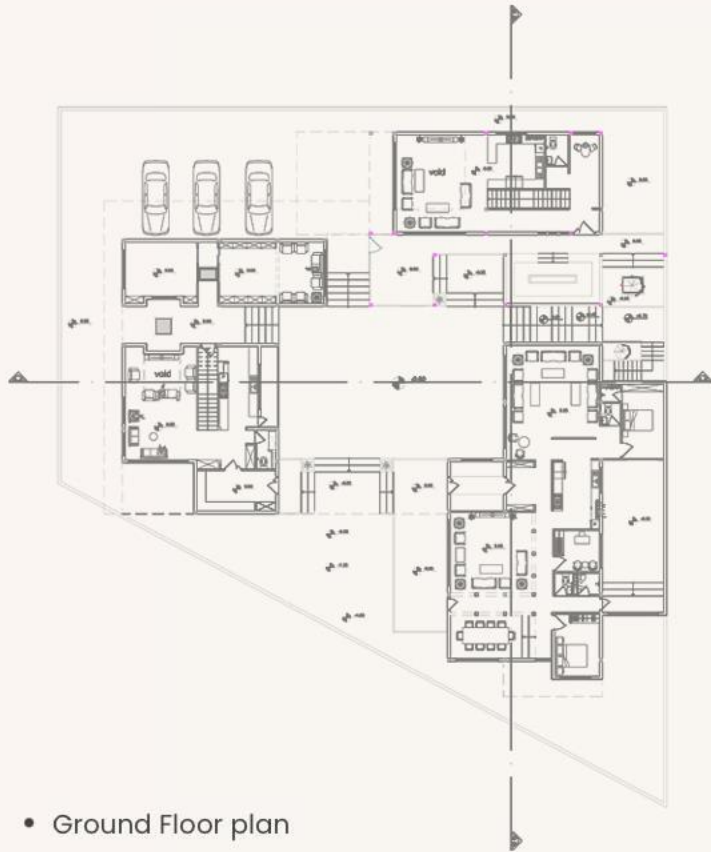


9. Landscaping & Context Integration

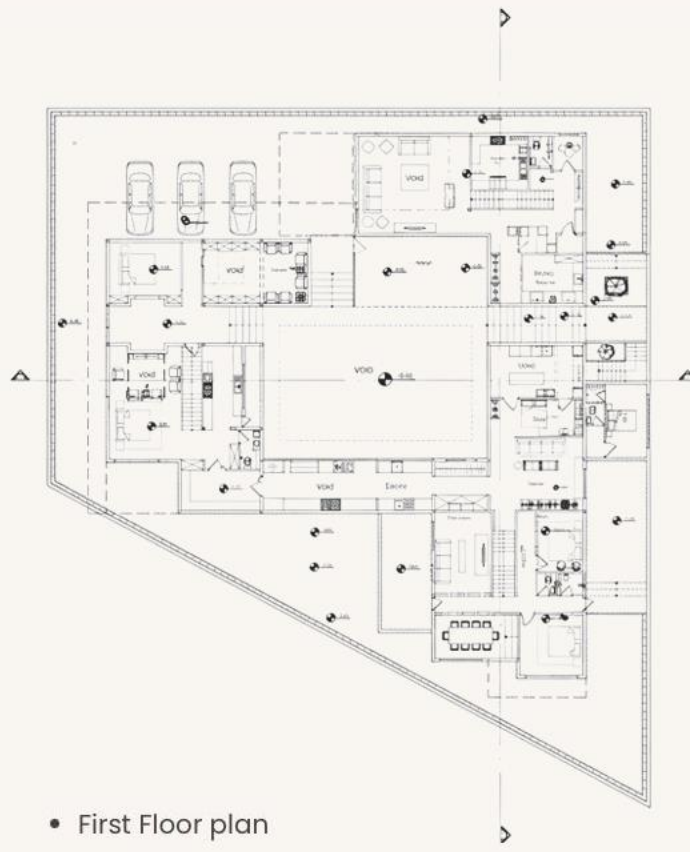


- **ARCHITECTURAL DRAWINGS**

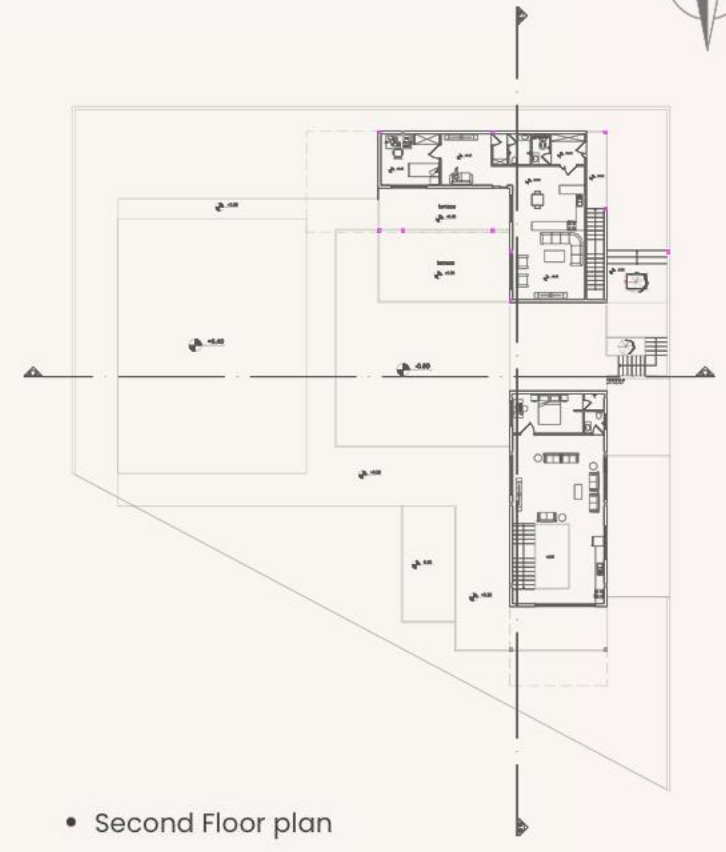
- **PLANS**



- Ground Floor plan



- First Floor plan



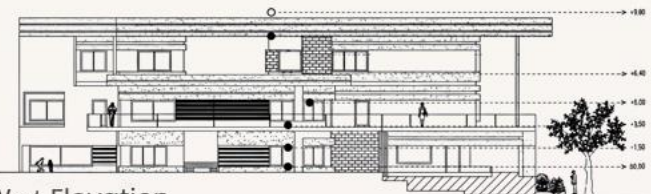
- Second Floor plan

• FAÇADE DESIGN

This project reinterprets Wright's Prairie Style, grounding it with robust horizontal lines and natural materials like brick and wood. An open plan extends to a central courtyard and expansive terraces, fostering a direct dialogue with the environment. The result is an integrated, inviting space for modern living amidst serene beauty

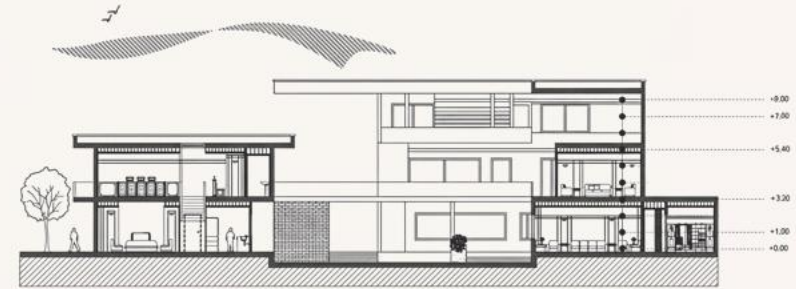


• South Elevation



• West Elevation

• SECTION



• Section A-A



• Section B-B

- **THERAPEUTIC ENVIRONMENT VISUALIZATION**



- **THERAPEUTIC ENVIRONMENT VISUALIZATION**



- **THERAPEUTIC ENVIRONMENT VISUALIZATION**



4. CHILD-CENTERED HEALING CLINIC DESIGN

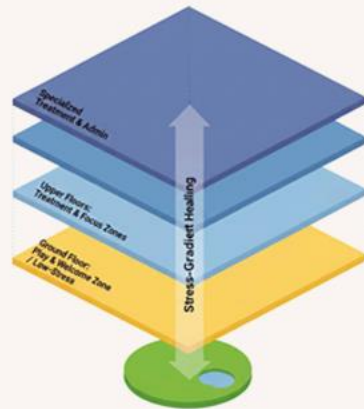
This project reimagines pediatric healthcare environments by moving beyond the clinical and creating Child-Centric Healing Spaces. Our design focuses on integrating biophilic elements, diffused light, and calming color palettes to reduce anxiety, stimulate positive engagement, and actively support the well-being and recovery process of young patients and their families. The goal is to transform the clinic visit from a source of stress into an experience of comfort and hope.



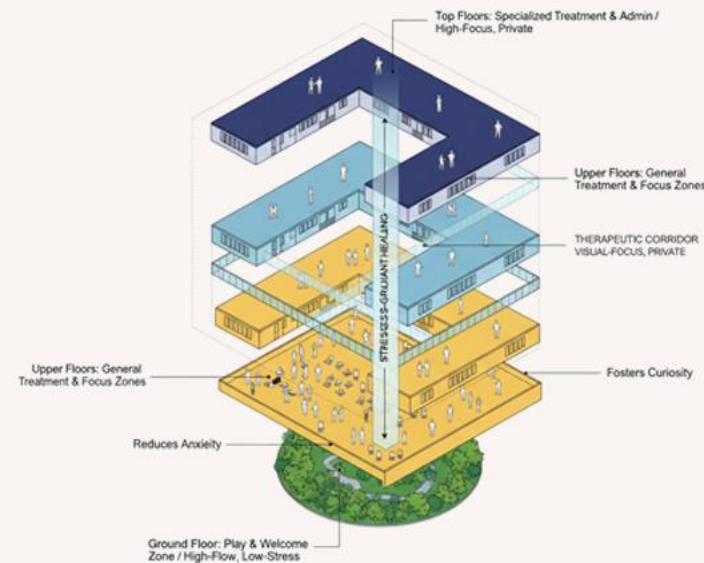
• CONCEPT

• THE HEALING GRADIENT – FORM FOLLOWS THERAPY

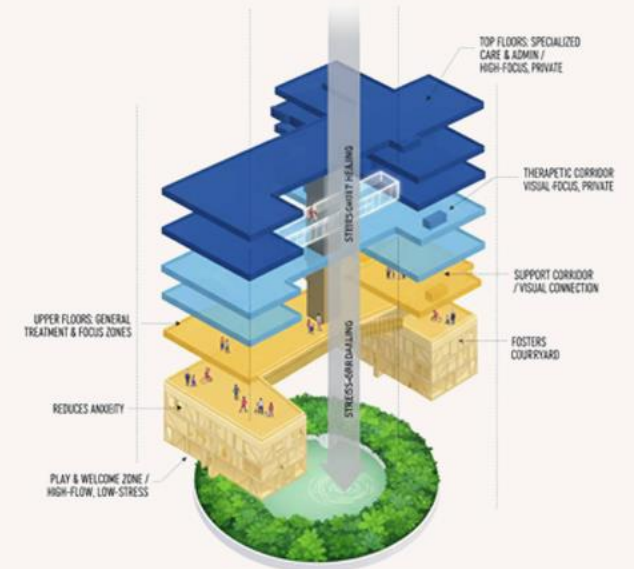
Establishing a 'Spatial Therapeutic Gradient' to mitigate patient stress. The building mass is organized to retain high-flow, low-stress functions (Play and Welcome Zones) on the lower floors, while relocating concentrated, specialized spaces (Treatment and Administration) to the private upper levels. This segregation is reinforced by a central biophilic core, which ensures that a continuous connection to nature (a key therapeutic factor) is maintained across all levels.



1. Layered Healing Journey



2. Layered Healing Journey - Exploded View



3. Spatial Therapeutic Gradient - Advanced Zoning

• CONCEPT

• FORM, FUNCTION & SUSTAINABLE INTEGRATION

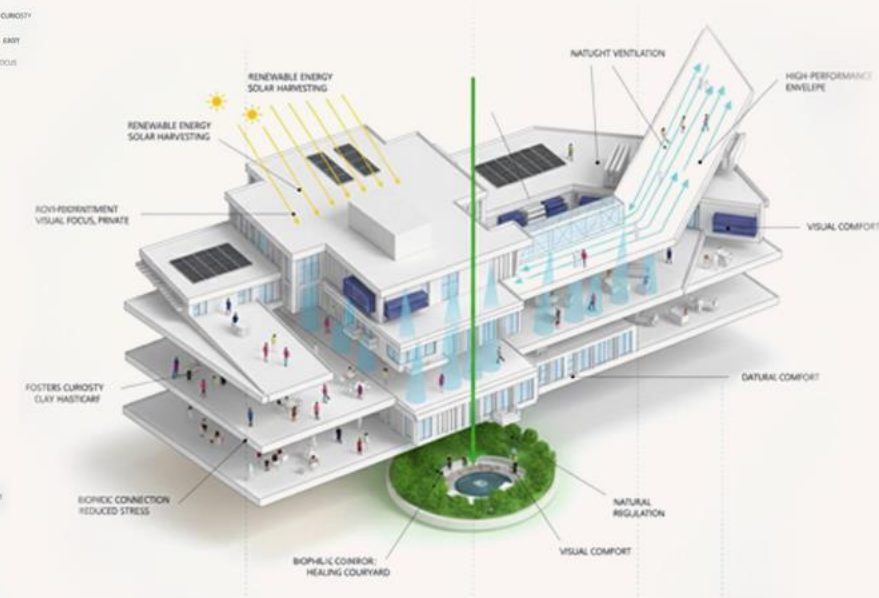
These analyses demonstrate how the building form is strategically shaped to support the therapeutic concept. The Spatial Mapping illustrates how the interior space is organized to achieve healing elements (such as natural light, calmness, and visual connection to nature). Concurrently, the Energy & Sustainability Analysis ensures the volume is optimized for maximizing daylight harvesting and natural ventilation, which are essential factors in reducing anxiety and aiding the recovery process.



1. ENERGY & SUSTAINABILITY ANALYSIS -
FORM & FUNCTION DIAGRAM



2. SPATIAL MAPPING FOR HEALING:
- FORM & FUNCTION ANALYSIS

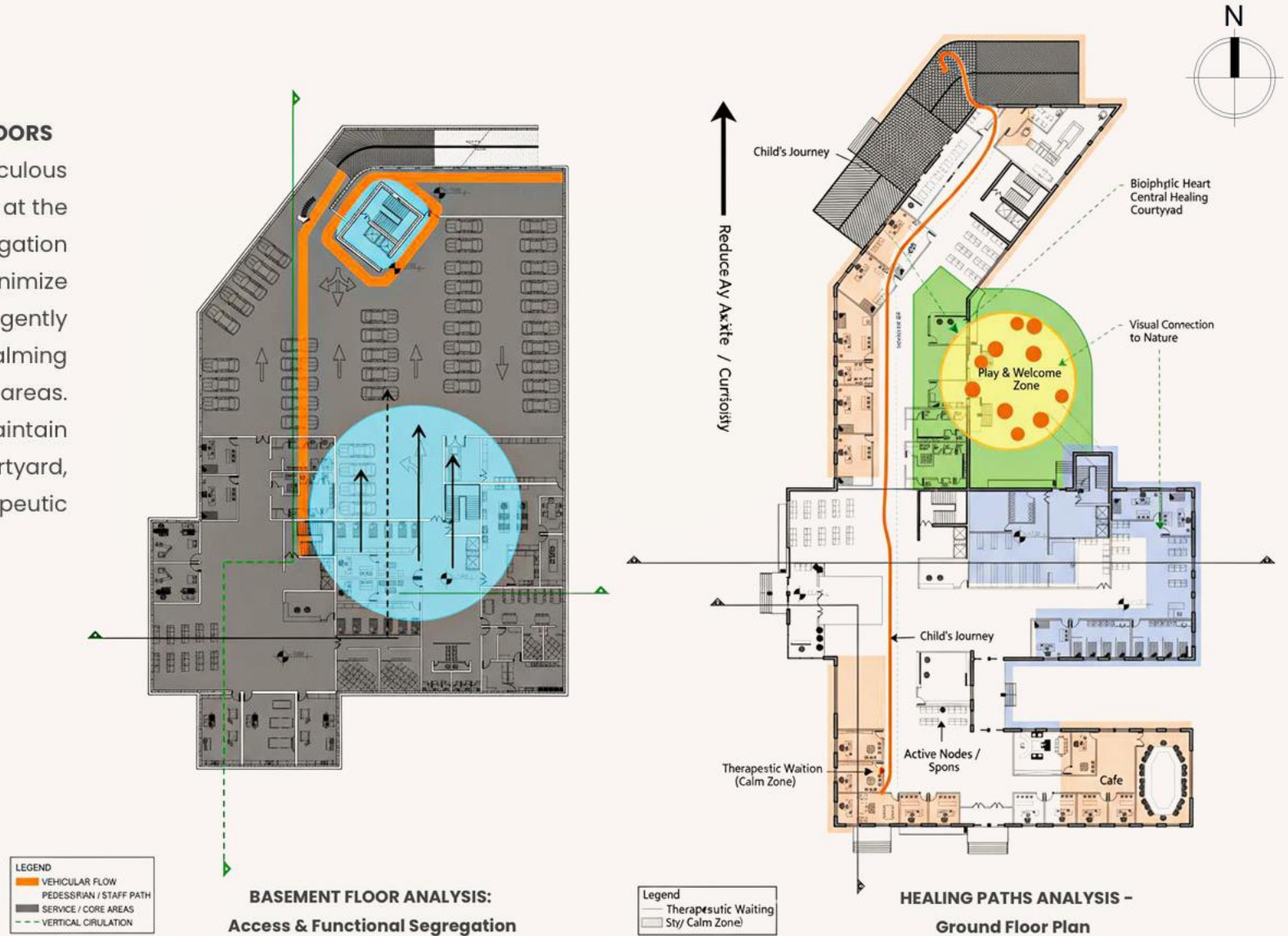


3. SPATIAL MAPPING FOR HEALING -
ADVANCED ZONING DIAGRAM

• CONCEPT

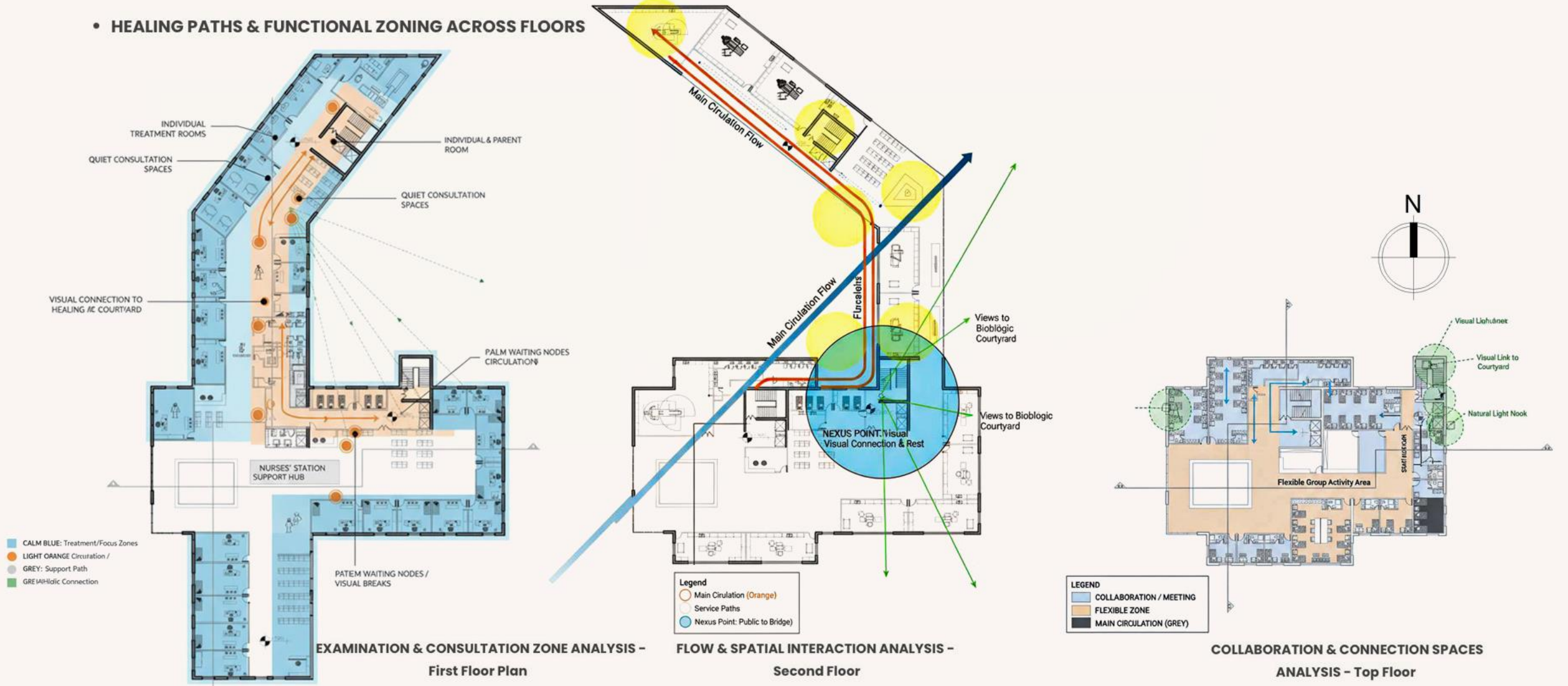
• HEALING PATHS & FUNCTIONAL ZONING ACROSS FLOORS

These analytical plans demonstrate the meticulous implementation of the "Therapeutic Gradient" concept at the floor level. The design focuses on the complete segregation of circulation flows (patient, staff, and service) to minimize stress within the clinical environment. Healing Paths gently guide children from high-flow zones towards calming spaces, and ultimately, to specialized treatment areas. Concurrently, every treatment zone is organized to maintain a direct visual connection to the central Biophilic Courtyard, ensuring natural environments remain a key therapeutic asset throughout the recovery process.

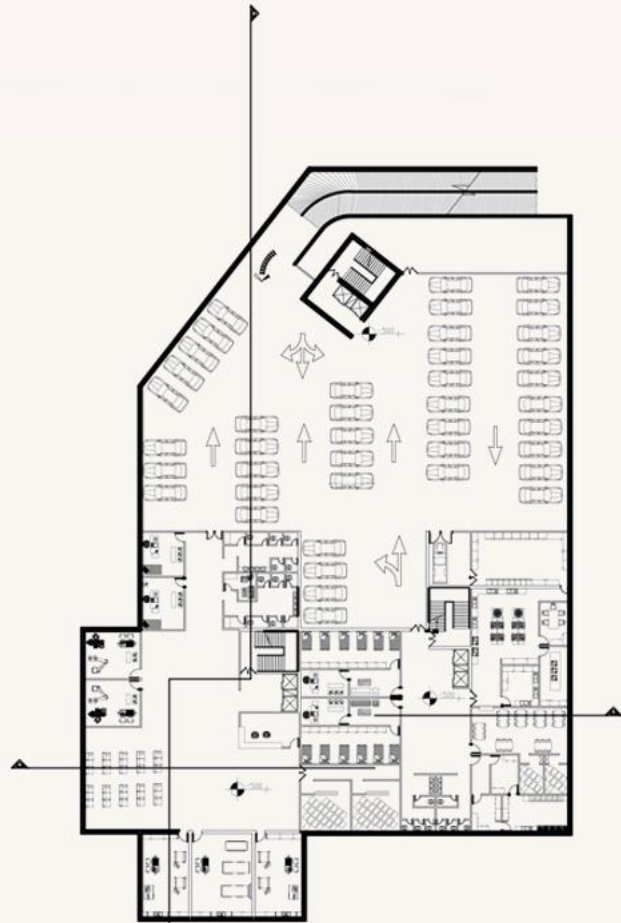


• CONCEPT

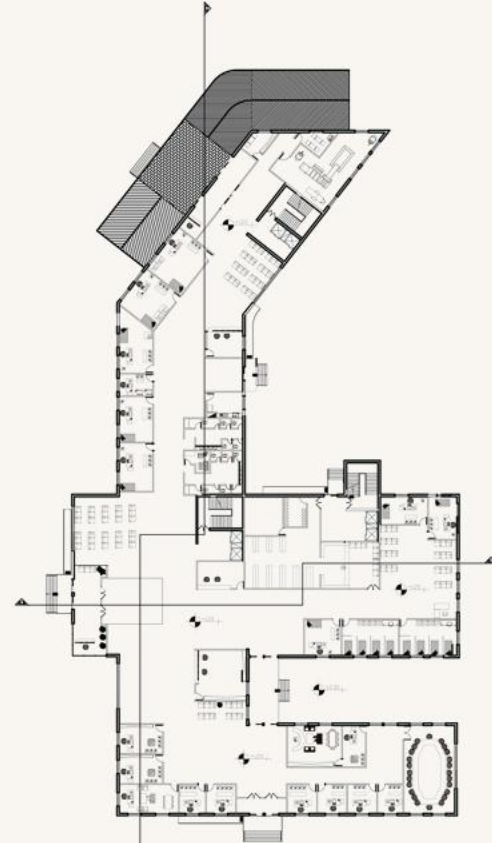
• HEALING PATHS & FUNCTIONAL ZONING ACROSS FLOORS



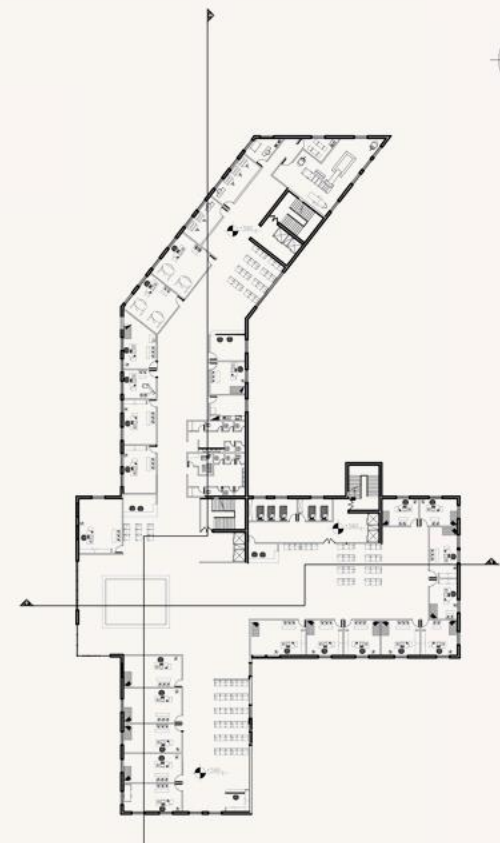
- ARCHITECTURAL DRAWINGS
- PLANS



• Basement Floor plan



• Ground Floor plan

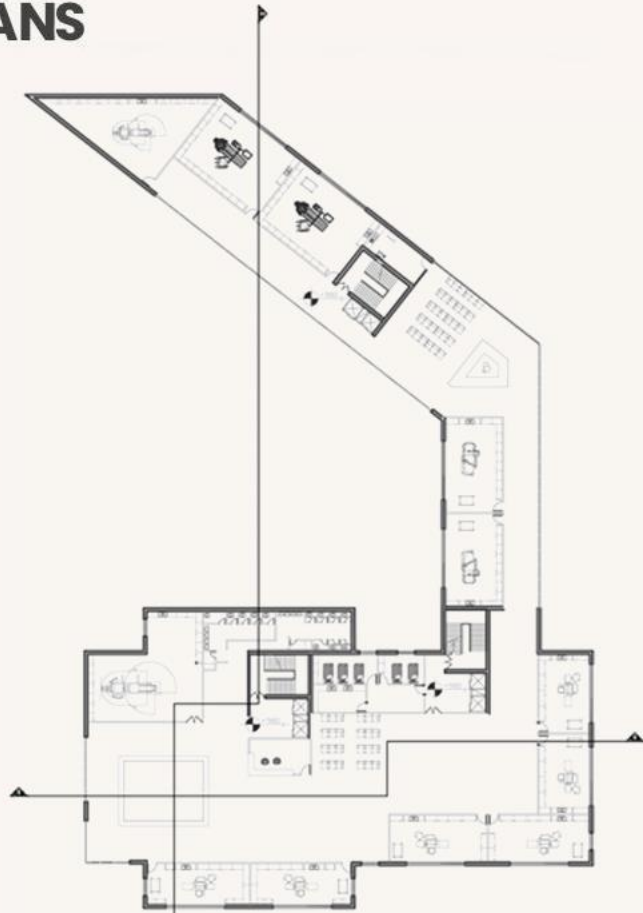


• First Floor plan

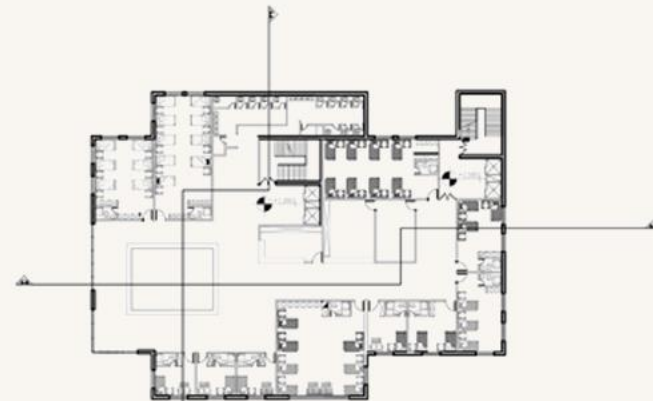


- **ARCHITECTURAL DRAWINGS**

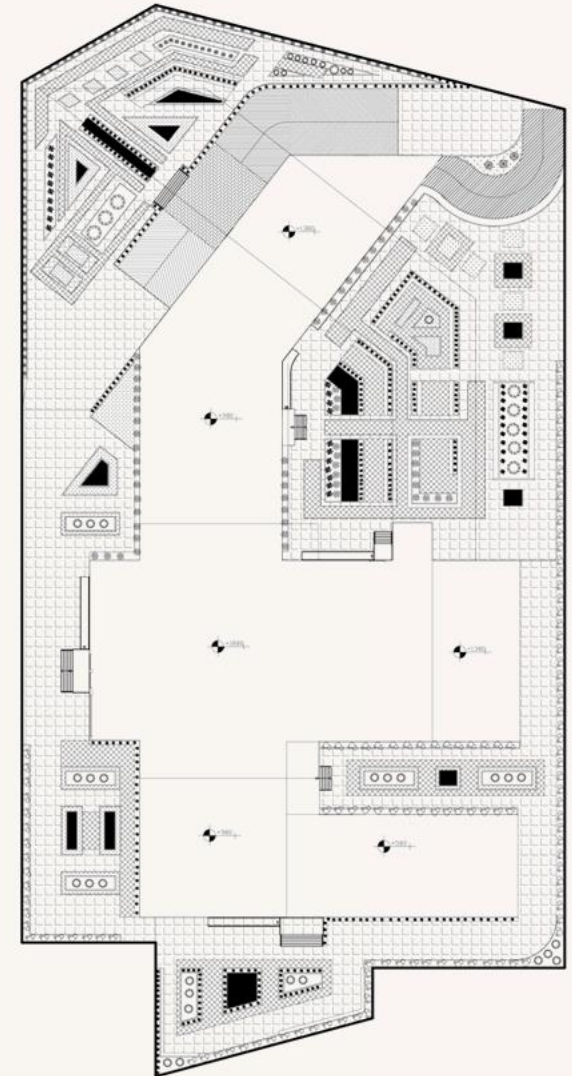
- **PLANS**



- First Floor plan



- Second Floor plan



- Site plan

• FAÇADE DESIGN

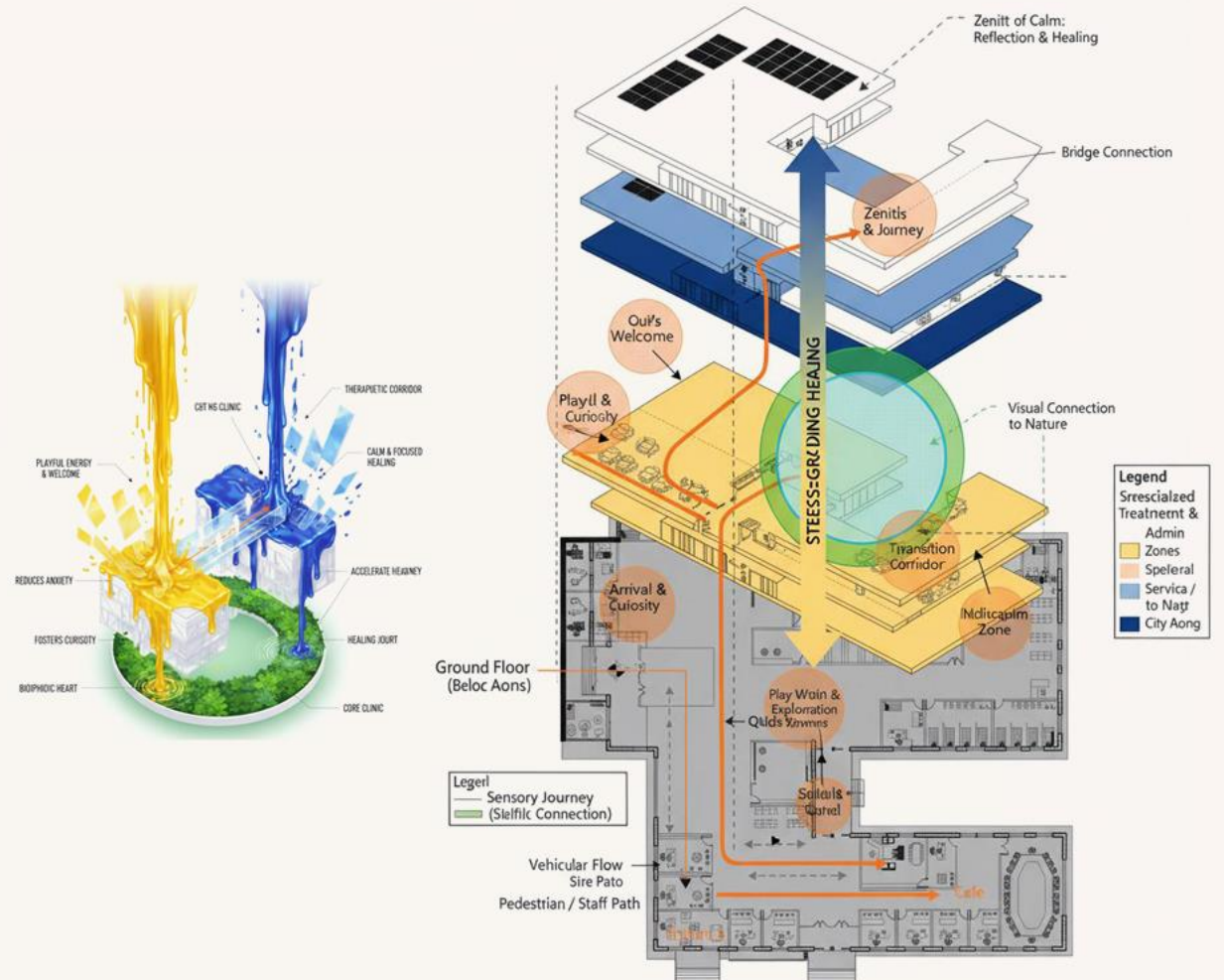
THIS DIAGRAM AND THE ELEVATIONS ILLUSTRATE THE FACADE DESIGN PROCESS FROM CONCEPT TO EXECUTION. THE BUILDING FORM IS INSPIRED BY THE METAPHOR OF THE 'MELTING ICE CREAM', REPRESENTING A UNIVERSAL SYMBOL OF PLEASURE AND COMFORT FOR CHILDREN. THIS ANALOGY IS TRANSLATED ONTO THE FACADE THROUGH SOFT EDGES, CHEERFUL COLORS (YELLOW, BLUE, AND CREAM), AND FLUID VERTICAL LINES, CREATING A SENSE OF JOY AND SECURITY. BY PROJECTING A 'PLAYFUL DYNAMIC' AND REFLECTING THE CLINIC'S THERAPEUTIC IDENTITY, THE FACADE REDUCES ANXIETY IN THE CHILD AND PROVIDES AN IMMEDIATE INVITATION TO ENTER.



• West Elevation



• East Elevation



- **THERAPEUTIC ENVIRONMENT VISUALIZATION**



- **THERAPEUTIC ENVIRONMENT VISUALIZATION**



- **THERAPEUTIC ENVIRONMENT VISUALIZATION**



INDUSTRY PROJECTS

Presentation

1. VILLA DESIGN

Contemporary Facade & Landscape Design Project, Mashhad, Iran

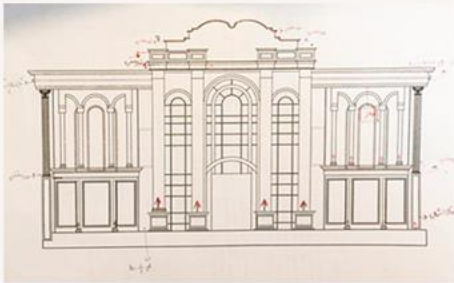
- Software Used:
- 3D Modeling: 3ds Max
- Rendering: Corona
- Post-production: Photoshop
- Technical Drafting: AutoCAD



1. VILLA DESIGN

Classic Facade & Landscape Design for a Villa in Mashhad

- Software Used:
- 3D Modeling: 3ds Max
- Rendering: Corona
- Post-production: Photoshop
- Technical Drafting: AutoCAD and Revit



1. VILLA DESIGN

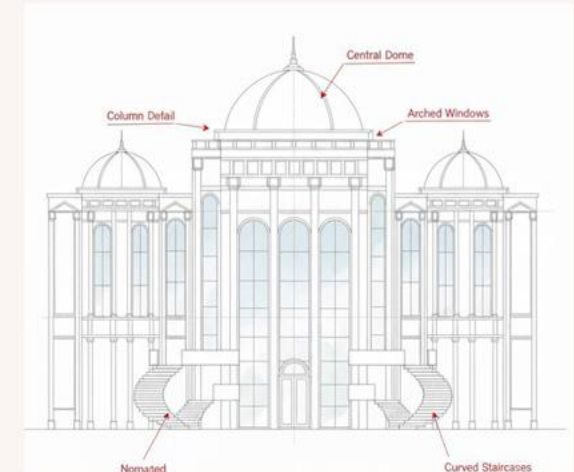
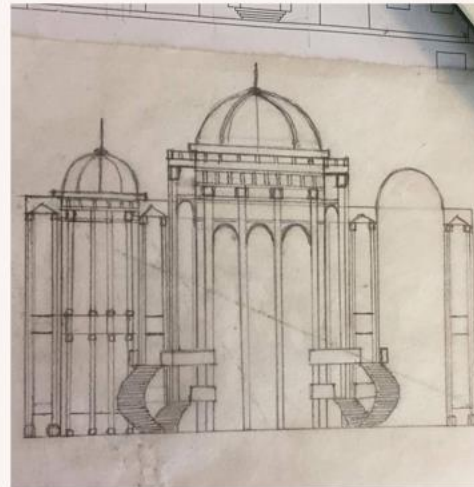
Classic Facade & Landscape Design for a Villa in Mashhad



1. VILLA DESIGN

Classic Facade & Landscape Design for a Villa in Mashhad

- Software Used:
- 3D Modeling: 3ds Max
- Rendering: Corona
- Post-production: Photoshop
- Technical Drafting: AutoCAD and Revit



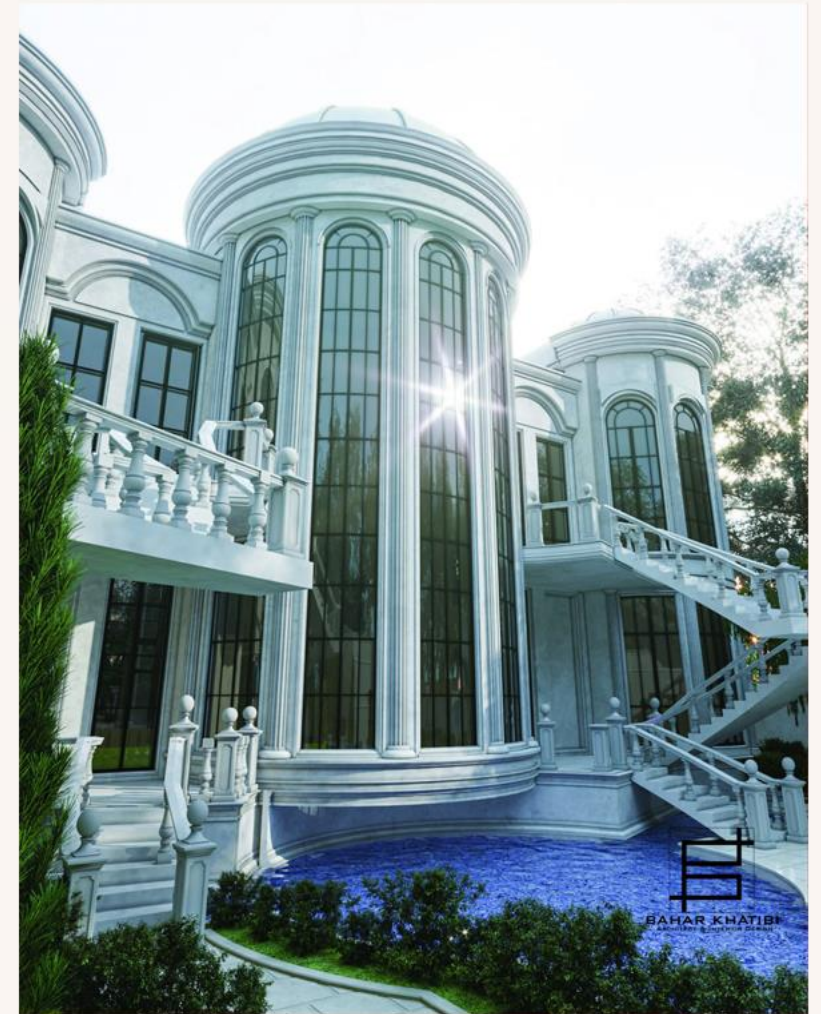
1. VILLA DESIGN

Classic Facade & Landscape Design for a Villa in Mashhad



1. VILLA DESIGN

Classic Facade & Landscape Design for a Villa in Mashhad



1. VILLA DESIGN

Classic Facade & Landscape Design for a Villa in Mashhad

- Software Used:
- 3D Modeling: 3ds Max
- Rendering: Corona
- Post-production: Photoshop
- Technical Drafting: AutoCAD and Revit



1. VILLA DESIGN

Classic Facade & Landscape Design for a Villa in Mashhad



2. INTERIOR DESIGN

Multifunctional Space Interior Design, Mashhad, Iran

- Software Used:
- 3D Modeling: 3ds Max
- Rendering: Corona
- Post-production: Photoshop
- Technical Drafting: AutoCAD



2. INTERIOR DESIGN

Luxury Pool Design Integrated with Villa Architecture

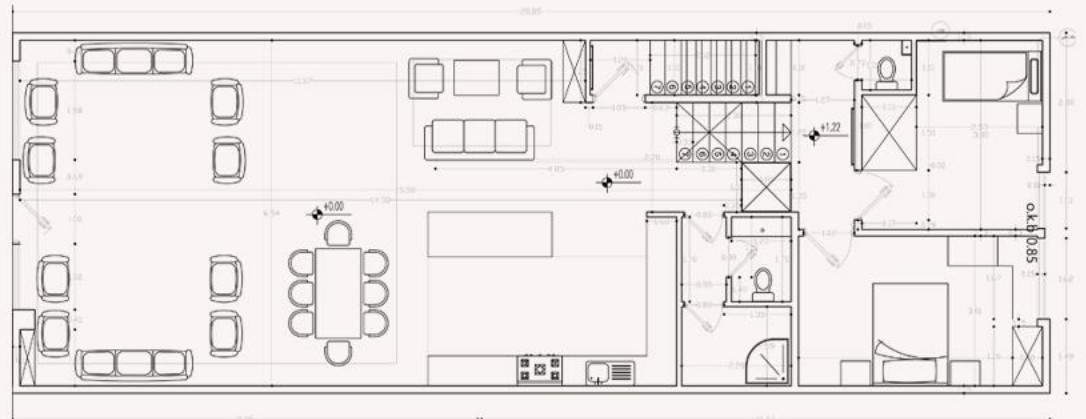
- Software Used:
- 3D Modeling: 3ds Max
- Rendering: Corona
- Post-production: Photoshop
- Technical Drafting: AutoCAD



3. RECONSTRUCTION OF THE RESIDENTIAL PROJECT

Residential House Interior Remodel and Layout Reconfiguration (Mashhad)

- Software Used:
- Post-production: Photoshop
- Technical Drafting: AutoCAD



4. GROUP CONTRIBUTION

Active and effective participation in team and group projects/activities.



THANK YOU FOR YOUR ATTENTION

Baharkhatib@gmail.com