

Architecture

2023 — 2026

P O R T F O L I O

Fatima Ghassan

 fatima.ghassan.14@gmail.com

 fatima.portfolio

 +964 781 079 4847

Table of content



Central Transport Station

Integrates the metro network with Al-Alawi Transport Terminal to organize transit in the heart of Baghdad. Located opposite the International Railway Station, it enhances and completes the vision of integrated transportation.



shopping mall

A commercial project that embodies a visual dialogue between the present and the future. Inspired by the dynamic movement and social interaction of traditional heritage markets, the design offers an unconventional architectural environment. It delivers a unique shopping experience that strengthens the connection to cultural roots amidst the accelerating pace of the modern era.



Baghdadi House

A residence designed to reflect Baghdadi cultural identity, steering away from the blind adoption of repetitive Western typologies. The design relies on traditional spatial concepts and contemporary Shamsih facade screens to establish a sanctuary that respects privacy and remains deeply connected to its local roots.



Interior Design

A residential interior design that blends the warmth of natural materials with a modern aesthetic. The project focuses on creating a visual and functional synergy between the reception area and the dining space, utilizing lighting and natural textures to achieve a cohesive, inviting, and contemporary interior environment.



Fracture Care Center

A Specialized Orthopedic and Fracture Center, designed with a focus on "Universal Design" to meet both the physical and psychological needs of patients.



Warsha fan

An Iraqi brand breaking boundaries, where the elegance of Tunisian flair meets the soul of Iraqi heritage. We craft a new artistic language, weaving the stories of two nations into every piece.

Central Transport Station

📍 Iraq-Baghdad-Al-Alawi.

Area: 81.540 m².

2026



Design Concept

Design Philosophy

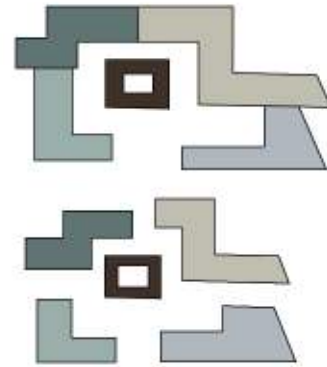
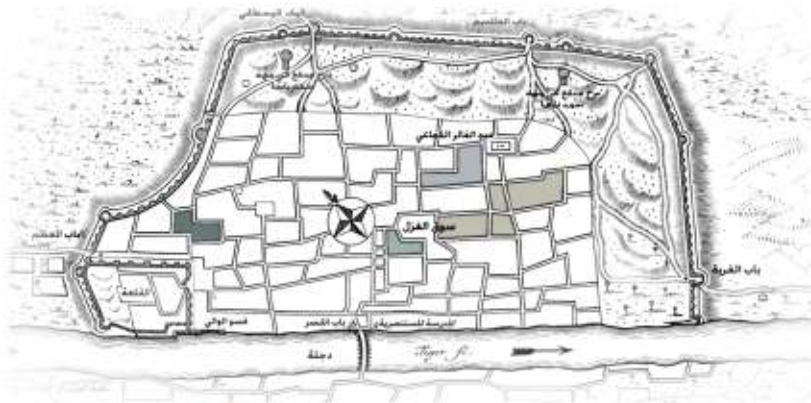
The concept of "transportation" is not limited to the physical movement of the body between two points; it encompasses the transfer of ideas and knowledge across time. Just as the clay tablet was the first medium to document and transmit human thought, today's transit hub serves as a gateway for temporal and intellectual exchange. Both record "Human Movement": the former within the memory, and the latter across geography.

Philosophical Concept

A Journey into the City's Core: A Gateway for Knowledge Transfer.

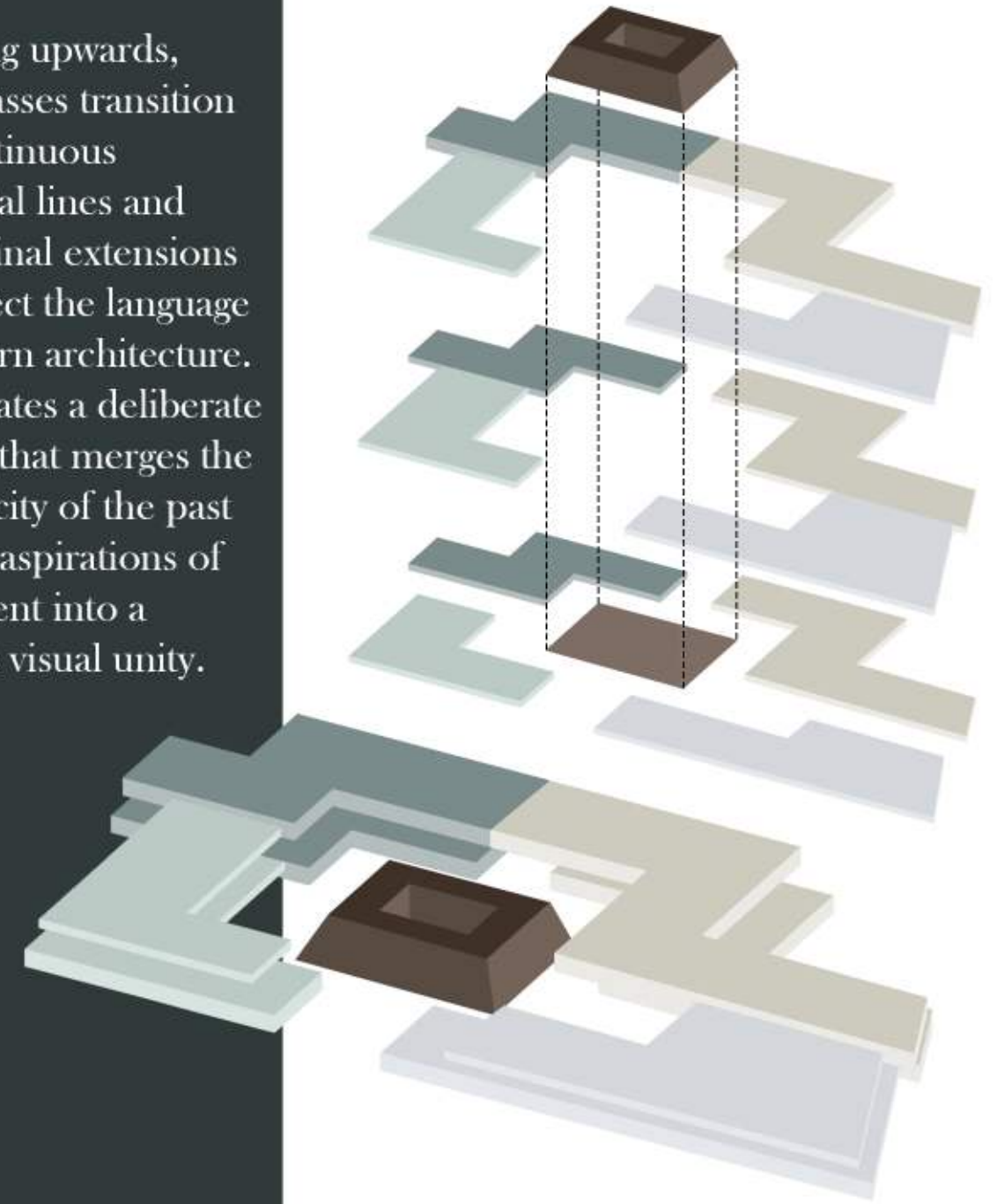
Metaphor

The Clay Tablet at the Heart of the Urban Fabric.

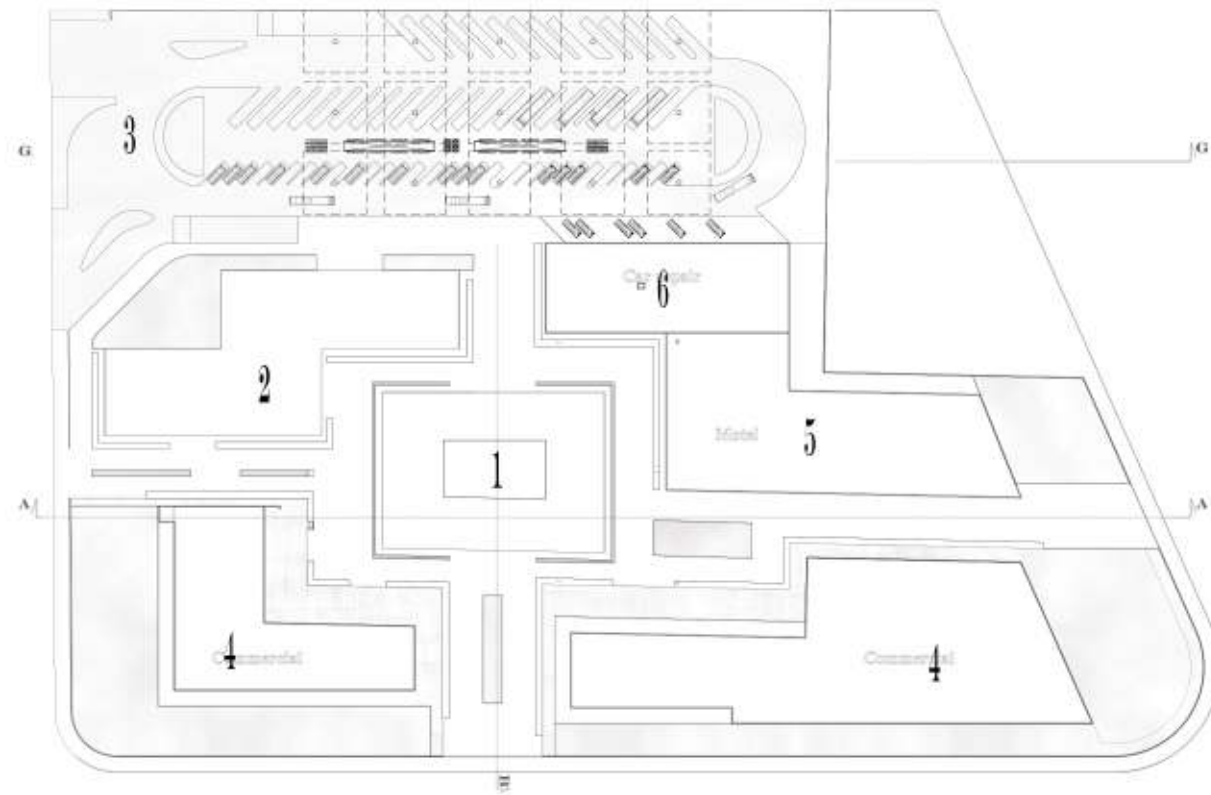


The massing composition of the project is rooted in the concept of 'Temporal Dialogue'. The base (lower levels) derives its vocabulary from the organic fabric of the old city, mimicking the spontaneity and density of historical urban forms. At the heart of this composition stands a dominant central mass embodying the 'Clay Tablet,' serving as the design's pulsating core and its visual and cultural anchor.

Moving upwards, these masses transition into continuous horizontal lines and longitudinal extensions that reflect the language of modern architecture. This creates a deliberate contrast that merges the authenticity of the past with the aspirations of the present into a cohesive visual unity.



PLANS

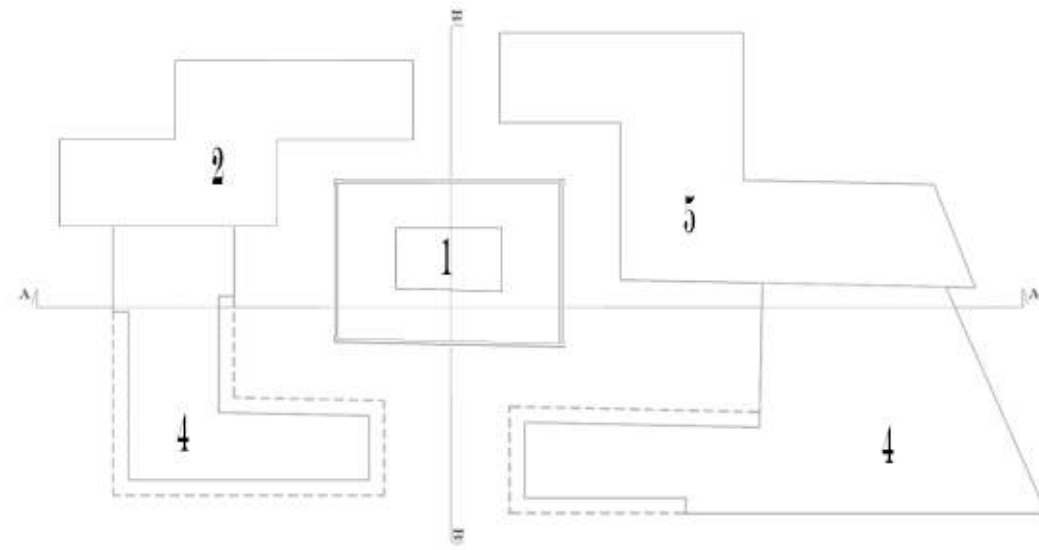


Master Plan

LEGENDS

- 1 Metro Station
- 2 Main Terminal
- 3 BUS Terminal
- 4 Commercial
- 5 Motel
- 6 Car Repair

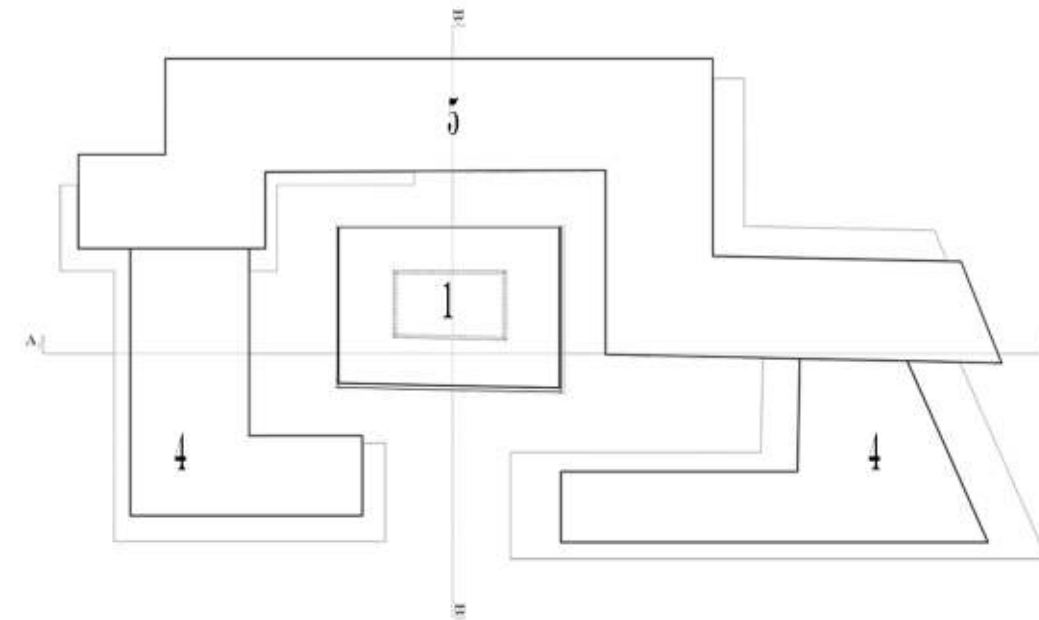




Master Plan

LEGENDS

- 1 Metro Station
- 2 Main Terminal
- 3 BUS Terminal
- 4 Commercial
- 5 Motel
- 6 Car Repair



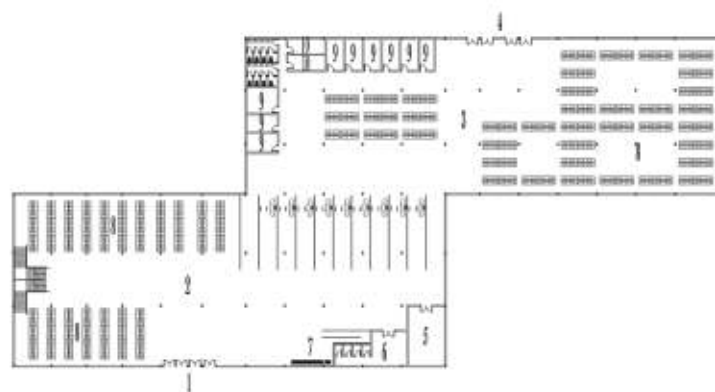
Master Plan

LEGENDS

- 1 Metro Station
- 2 Main Terminal
- 3 BUS Terminal
- 4 Commercial
- 5 Motel
- 6 Car Repair



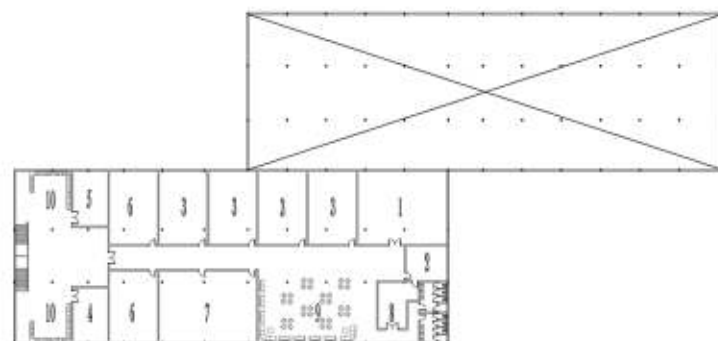
Bus Station Detailed Plans



GROUND FLOOR

LEGENDS

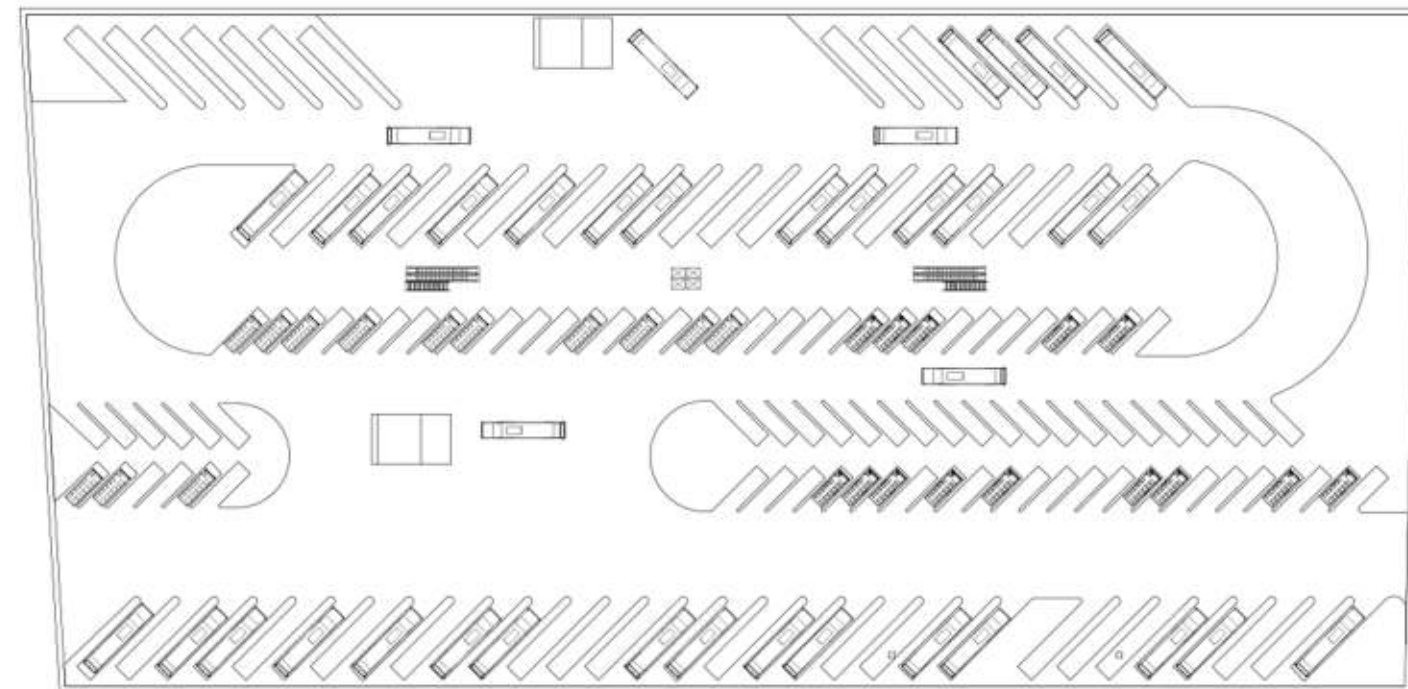
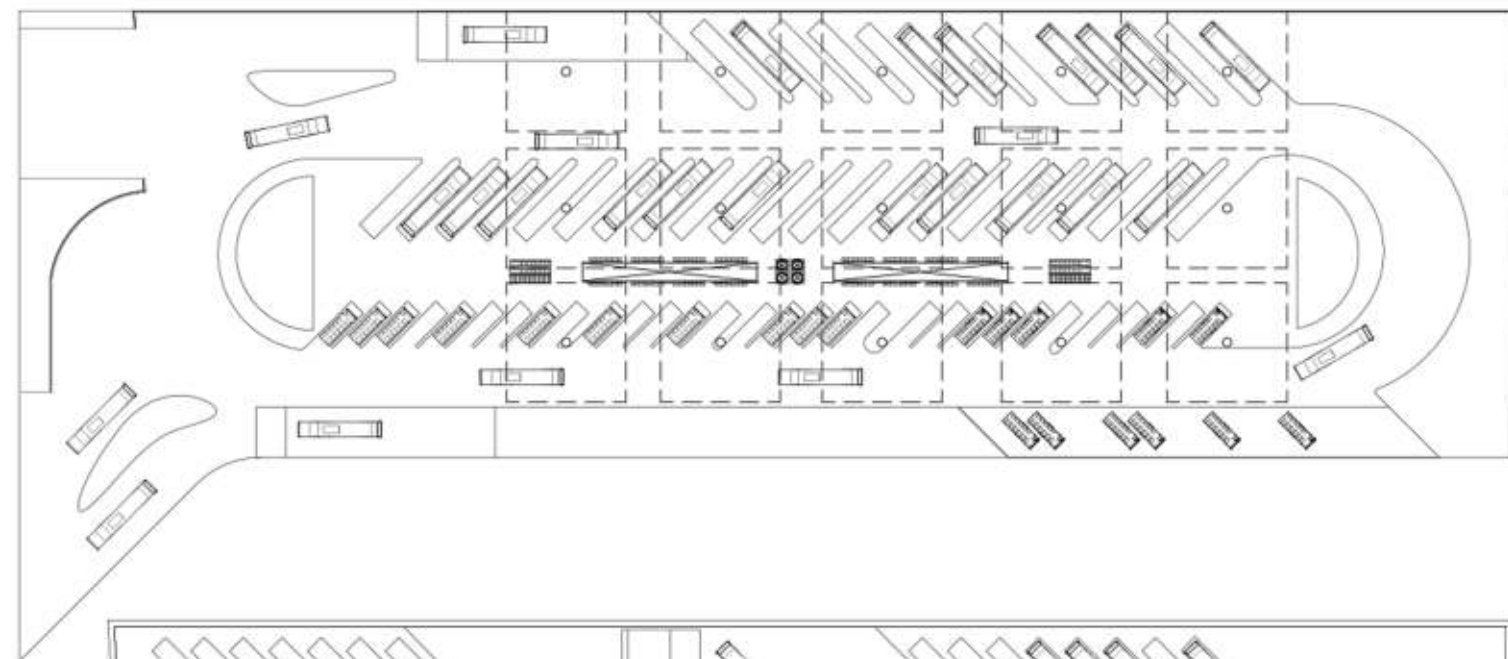
- | | |
|------------------|--------------------|
| 1 Entrance | 8 Waiting Area |
| 2 Unpaid Zone | 9 Commercial Shops |
| 3 Paid Zone | 10 Prayer Room |
| 4 Exit Concourse | |
| 5 Security | |
| 6 Ticket office | |
| 7 TVM Area | |



FIRST FLOOR

LEGENDS

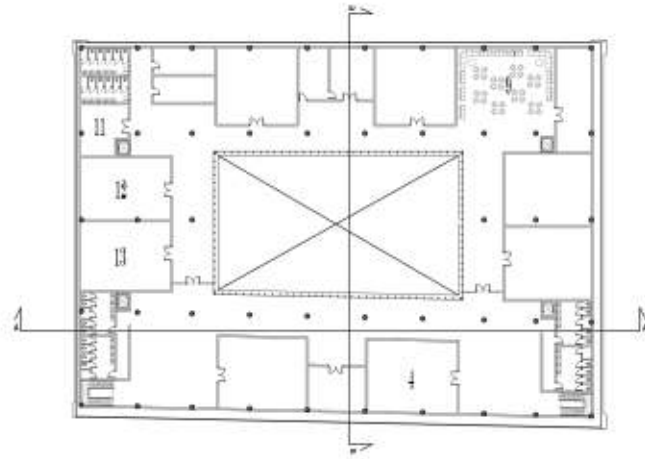
- | | |
|--------------------|--------------------|
| 1 Manager | 6 Meeting Room |
| 2 Secretary | 7 Bus Control Room |
| 3 Staff | 8 Kitchen |
| 4 Customer Service | 9 Resting Room |
| 5 Lost and Found | 10 Waiting Area |







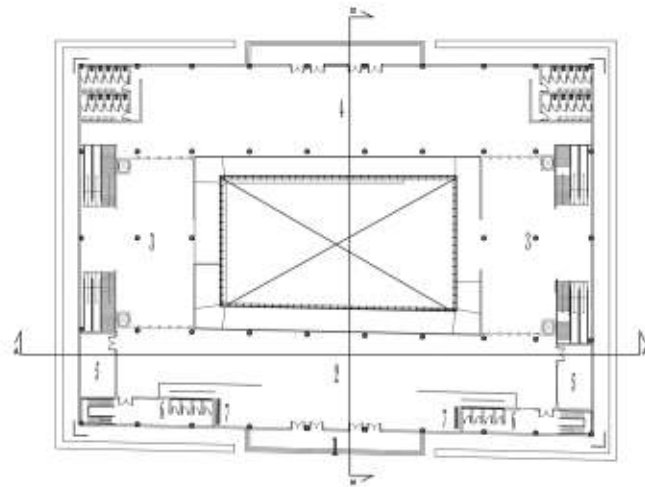
Metro Station Detailed Plans



FIRST FLOOR

LEGENDS

- | | |
|--------------------|--|
| 1 Manager | 8 Kitchen |
| 2 Secretary | 9 Resting Room |
| 3 Staff | 10 Prayer Room |
| 4 Customer Service | 11 Archive Room |
| 5 Lost and Found | 12 Finance |
| 6 Meeting Room | 13 Engineering and Maintenance Offices |

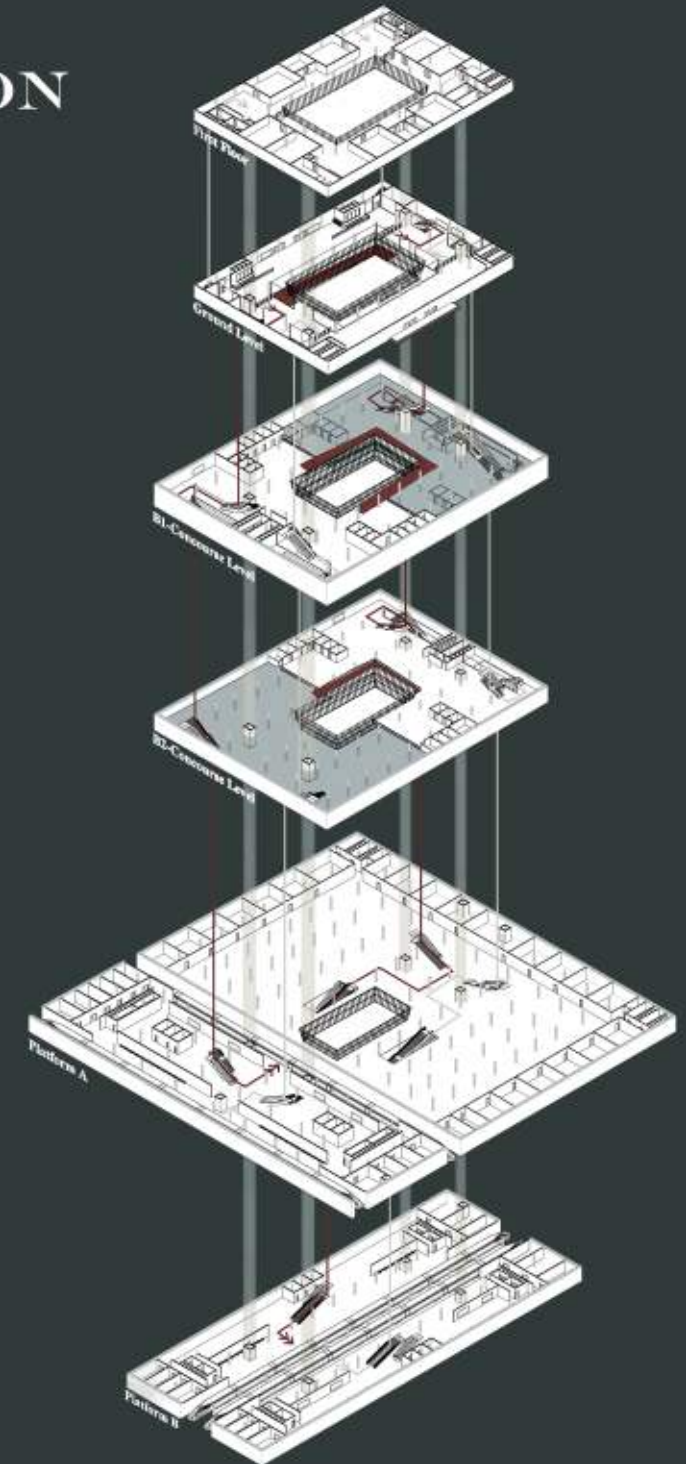


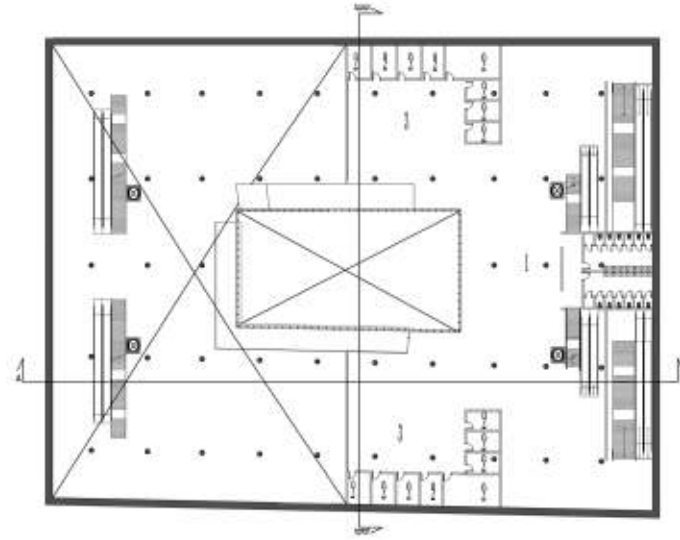
SECOND FLOOR

LEGENDS

- | |
|------------------|
| 1 Entrance |
| 2 Unpaid Zone |
| 3 Paid Zone |
| 4 Exit Concourse |
| 5 Security |
| 6 Ticket office |
| 7 TVM Area |

METRO STATION

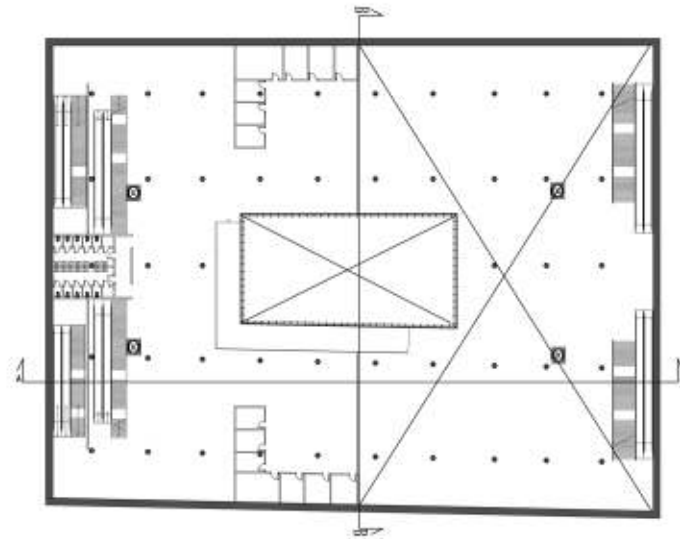




B1- CONCOURSE FLOOR

LEGENDS

- 1 Paid Concourse Era
- 2 Grab and GO Units
- 3 Food Court

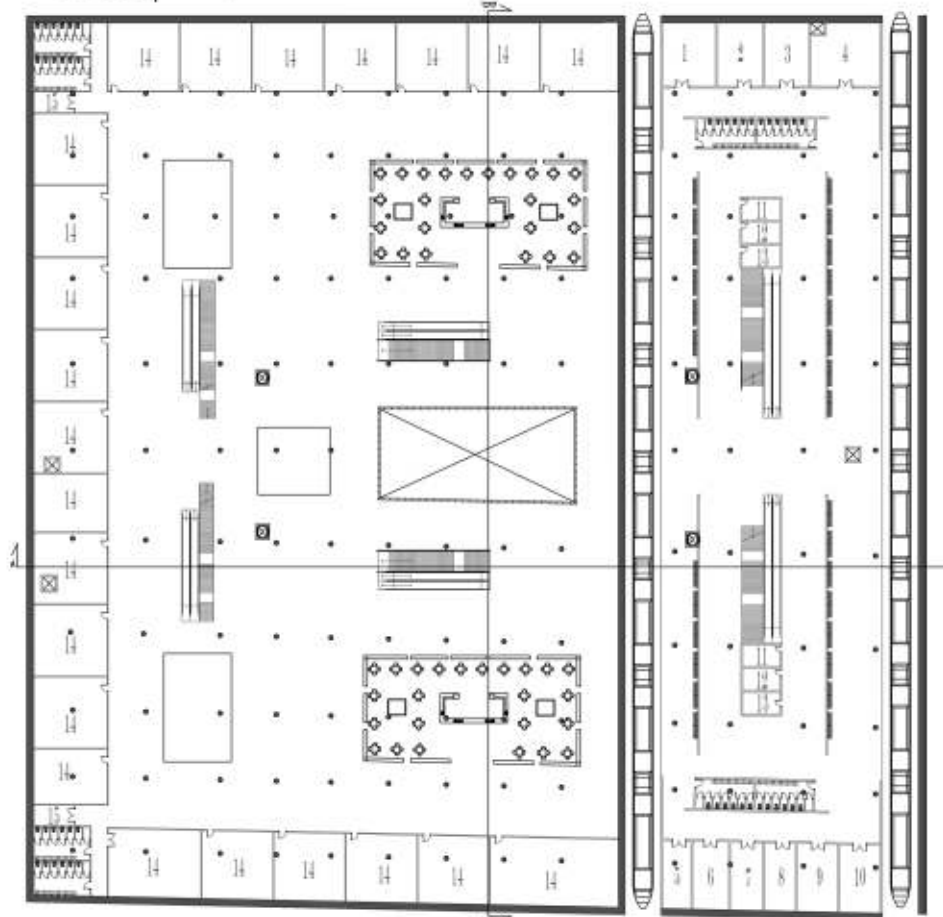


B2- CONCOURSE FLOOR

LEGENDS

- 1 Paid Concourse Era
- 2 Grab and GO Units
- 3 Food Court

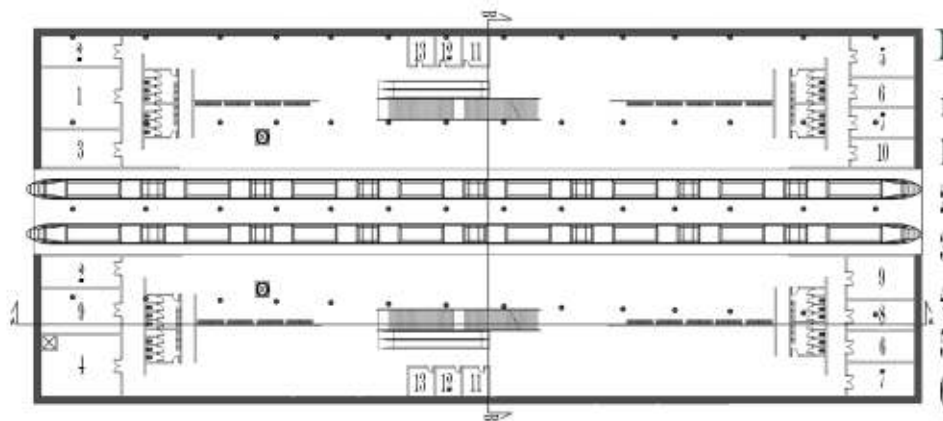




PLATFORM-A

LEGENDS

- | | |
|-------------------------|---------------------|
| 1 SERVER | 9 Battery Room |
| 2 Fire Suppression Room | 10 Signaling Room |
| 3 LV Room | 11 Security |
| 4 AHU Room | 12 Super Viser |
| 5 Sun Pump Room | 13 First Aid |
| 6 Cleaners Room | 14 Commercial Shops |
| 7 Refuse Store | 15 Storage |



PLATFORM-B

LEGENDS

- | | |
|-------------------------|----------------------|
| 1 SERVER | 7 Refuse Store |
| 2 Fire Suppression Room | 8 Communication Room |
| 3 LV Room | 9 Battery Room |
| 4 AHU Room | 10 Signaling Room |
| 5 Sun Pump Room | 11 Security |
| 6 Cleaners Room | 12 Super Viser |
| 7 Refuse Store | 13 First Aid |





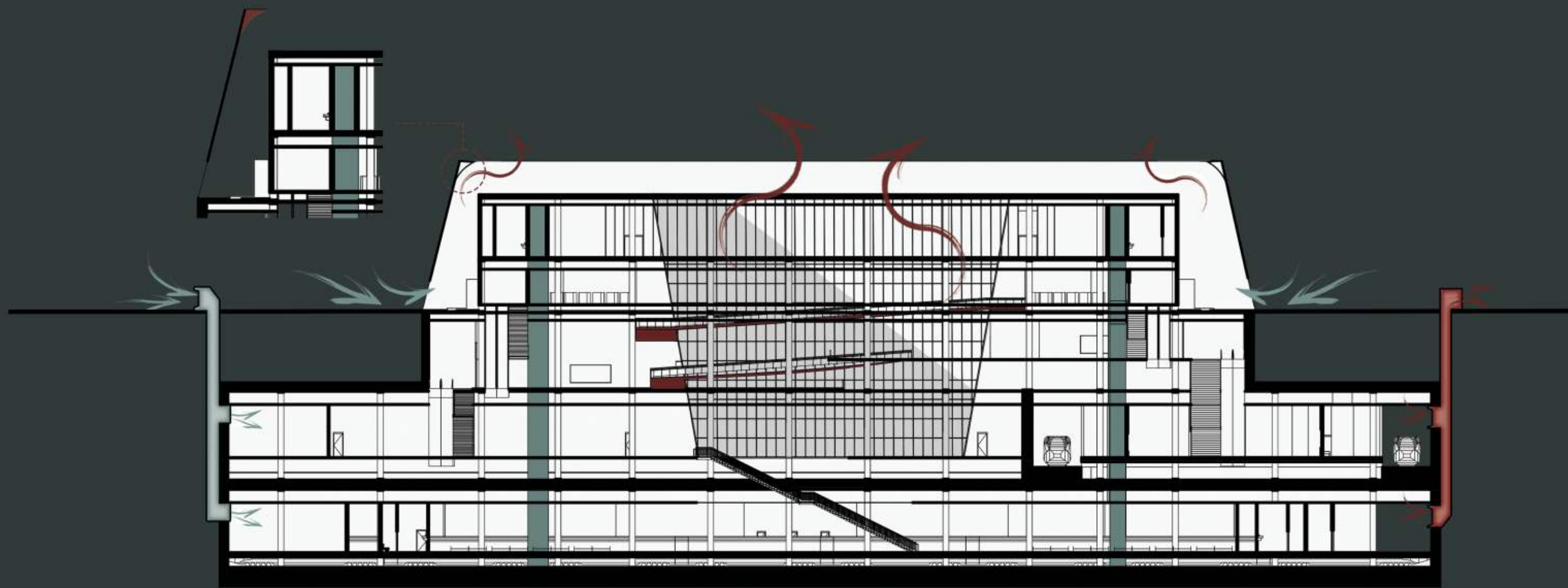
Facade Articulation & Sustainability:

The "Clay Tablet" stands out as a dominant visual element on the facade, reflecting the authenticity of the project's conceptual design. To transform this historical symbol into a functional feature, it has been integrated into the building's eco-system to serve as sun-shading devices and a climatic treatment. This sustainable solution protects the station's main concourse from direct solar radiation while ensuring natural light permeability and ventilation.





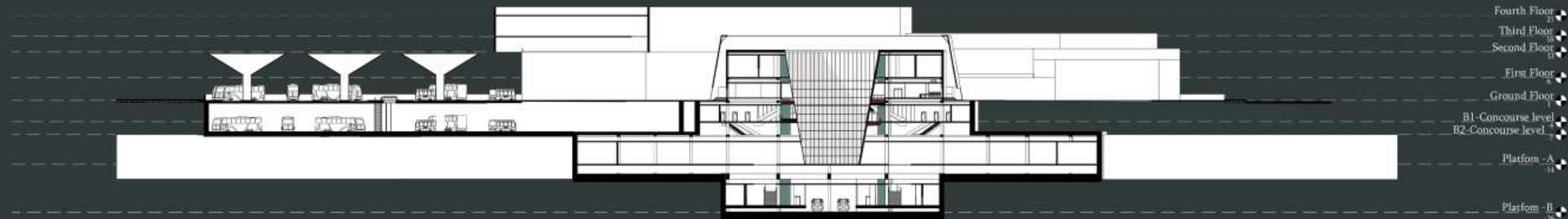




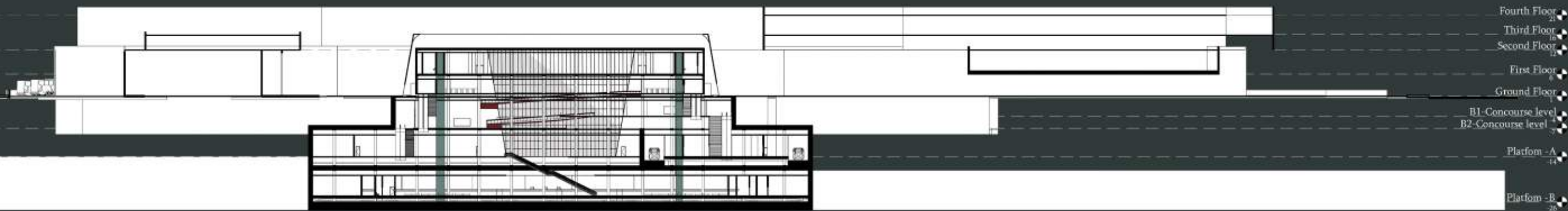
GARAGE SEC



SEC B-B



SEC A-A



Shopping Mall

📍 Iraq-Baghdad-Al-Adhamiya.

Area: 62,700m².

2025



Design Concept

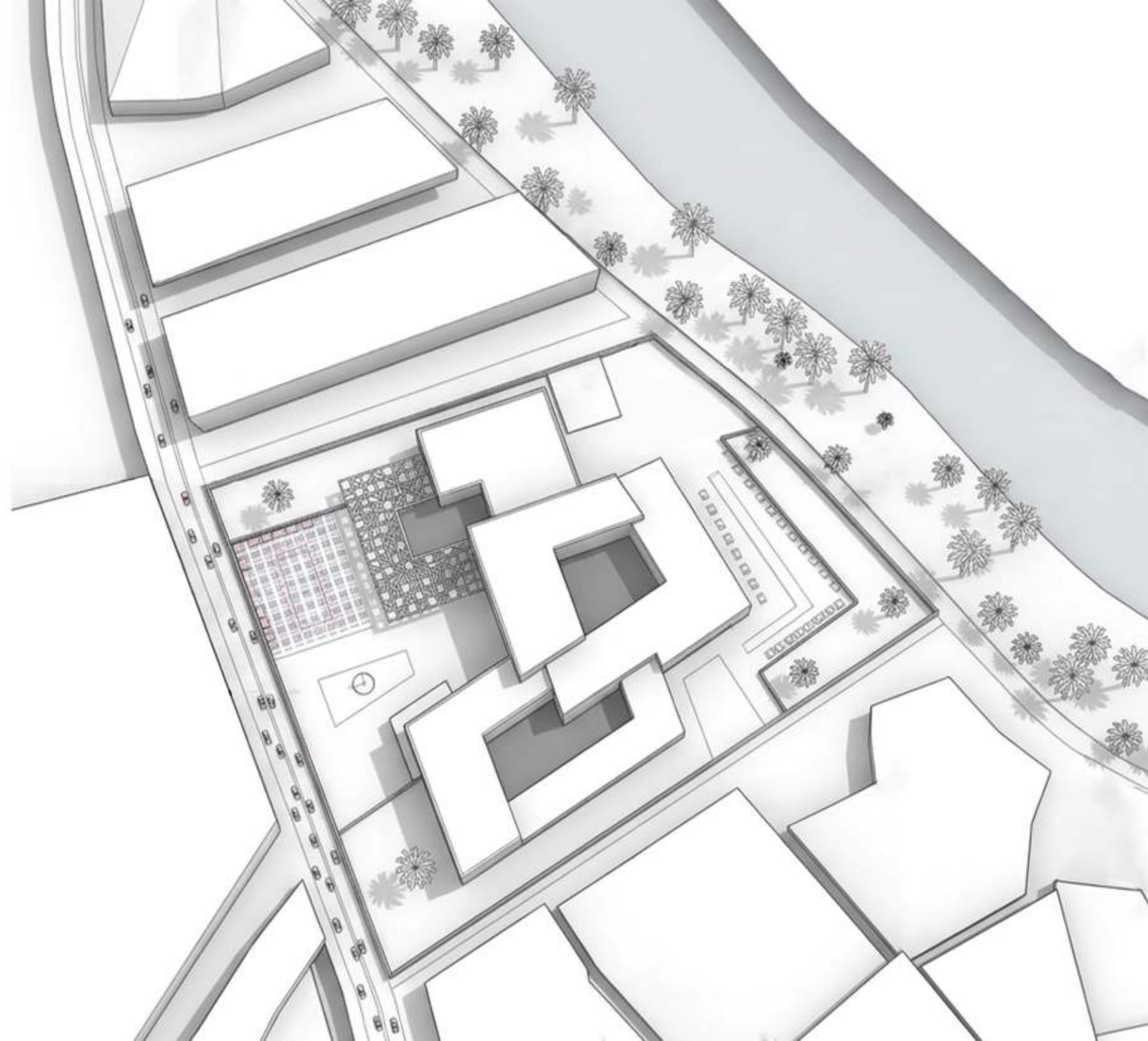
The project reinterprets the traditional Arabic "Souk" — historically celebrated as the Arab window to global trade and social interaction — into a contemporary commercial complex.

Historical Context & Urban

Historically, ancient traditional Souks were never random; their layouts were directly generated by contextual site lines, topography, and existing trade routes. This project embraces the same urban philosophy. The straight alignments of the surrounding streets and alleyways are projected directly into the site, dictating the primary pedestrian axes and transforming the mall into a seamless extension of the urban fabric.

The Covered Courtyard System

These linear axes logically culminate into massive internal nodes—the Courtyards. Reviving the typology of traditional covered market hubs and ancient Khans, these courts are designed as enclosed, skylit atriums. This approach ensures optimum microclimate control and thermal comfort for visitors while maximizing natural daylight, successfully capturing the monumental yet welcoming essence of traditional gathering spaces.



1 Outdoor Plaza

2 Iraqi shanshol

3 Roof Cafe



1

Outdoor Plaza

This dedicated outdoor zone is designed exclusively for restaurants and cafes, seamlessly blending modern dining services with traditional Arabic seating arranged parallel to the water feature. The linear water feature, which extends along the projected site pathways, serves as an active environmental element that enhances the microclimate and lowers temperatures across the seating area through evaporative cooling. This provides visitors with a serene visual and sensory experience, harmoniously bridging the authenticity of traditional spaces with the functionality of contemporary complexes.



2

Iraqi shanshol

This Shanshool overlooks the project as its beating heart and a dominant element, encapsulating the nuances of identity and cultural memory within its details. Reimagined with a contemporary, non-traditional spirit, it bridges the past with the present. Functionally, this element extends as a sheltered Baghdadi balcony, granting visitors an expansive view of the outdoor plaza and offering an immersive experience that echoes the past. It seamlessly complements its aesthetic role as a living heritage breathing at the core of the project, infused with the soul of the ancient city.



Roof Cafe

Located on the rooftop, this youth café offers a social space with a distinct Baghdadi character, blending traditional seating with modern social life. The rooftop was selected to provide an open-air environment with continuous natural ventilation ideal for smoking, while the canopy design protects guests from direct sunlight. The space delivers a comfortable experience that revives the tradition of evening gatherings under the open city sky.



Baghdadi House

📍 Iraq-Baghdad.

Lenth: 8m

2026



IDENTITY & MODERNITY

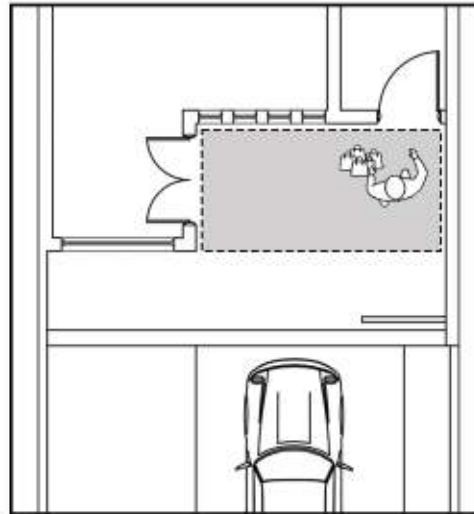
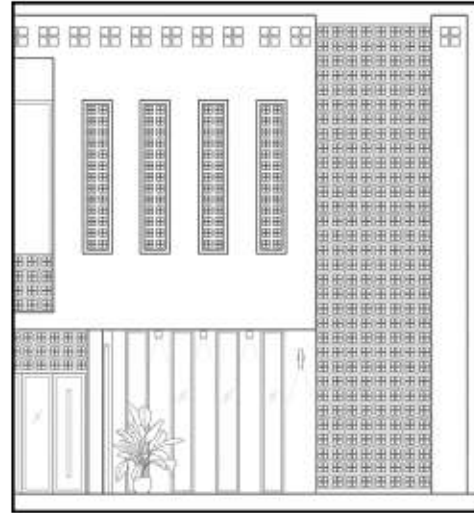
The architectural concept of this project stems from a design philosophy that rejects the blind adoption of Western architectural typologies, firmly aligning itself with Arab and Baghdadi cultural identity. This approach manifests in a contemporary visual language that aligns with present-day advancements without compromising the spatial and social roots of the context.

The facade screens serve as the primary testament to this dialogue between past and present; rather than mere modern ornamentation, they are a contemporary reinterpretation inspired by the traditional Baghdadi 'Shanishil'. The design fundamentally embraces the values of visual privacy and spatial sanctity, tailored to local societal traditions. This establishes a sophisticated equilibrium that merges passive environmental efficiency with an intelligent, controlled openness—connecting the building to its urban surroundings while fully safeguarding human privacy. It is a design deeply rooted in its soil, breathing its heritage while speaking the language of its era.



PRIVACY & ERGONOMICS

Wood-grain aluminum louvers act as a smart environmental and visual envelope that defines the main entrance. This system performs a dual function, balancing thermal protection with visual privacy. It provides passive solar shading that shields the user from direct sunlight during that transitional moment of grounding personal belongings and loads to unlock the door, while elegantly screening the entryway from the outside without isolating the space from its natural surroundings.



Transition Zone



PRIVACY & ERGONOMICS

The right section of the balcony, featuring vertical slots with miniature perforated screens, directly responds to the challenges of facing a main public street. This treatment is deeply inspired by traditional Baghdadi 'Shanishil', which historically mediated the relationship between the private and public realms. Serving as a socio-environmental filter, this semi-opaque wall allows daylight and fresh air to permeate the space while blocking direct sightlines from the street—an architectural response perfectly tailored to local cultural traditions that prioritize residential privacy without disconnecting from the urban surroundings.

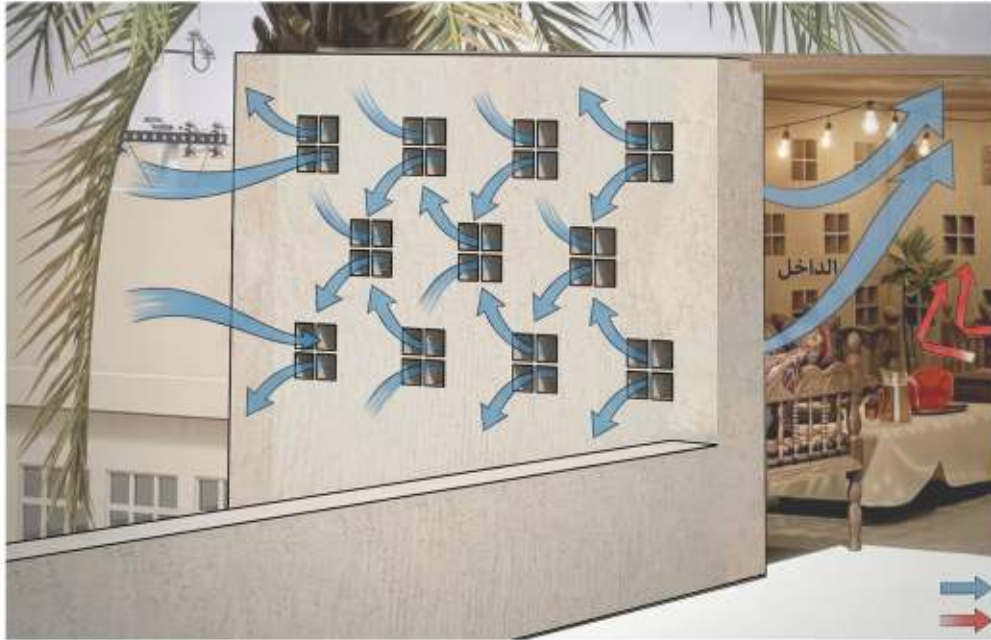
In contrast to the screened mass, the open left section of the balcony embodies modernity and contemporary openness through an expansive panoramic glazed facade that extends toward the outdoor environment. This side is intentionally designed to be less private and more visually connected to the city, maximizing natural daylight and spatial extension. Through this volumetric contrast, the design successfully establishes a balanced dialogue between absolute privacy and intelligent openness, seamlessly merging modern outward-looking concepts with the authentic heritage of the past within a single architectural facade.





PRIVACY & ERGONOMICS

The building's rooftop has been intelligently utilized by sheltering a dedicated zone to create a sustainable, semi-outdoor family living space. The ceiling incorporates a traditional timber joist system (Kurd) to introduce warmth and texture, while the envelope features perforated screen walls. This configuration serves a dual socio-environmental purpose: it mitigates visual overlooking onto the building and grants enhanced privacy to the user, while simultaneously filtering natural daylight and promoting passive cross-ventilation. The result is a thermally comfortable microclimate that modernizes the traditional rooftop experience.



Interior Design

📍 Iraq-Baghdad.

DIMS: 12 m * 5m * 3,5m

2025



VISION BOARD

Color Board



Material Palette





ELEMENTS





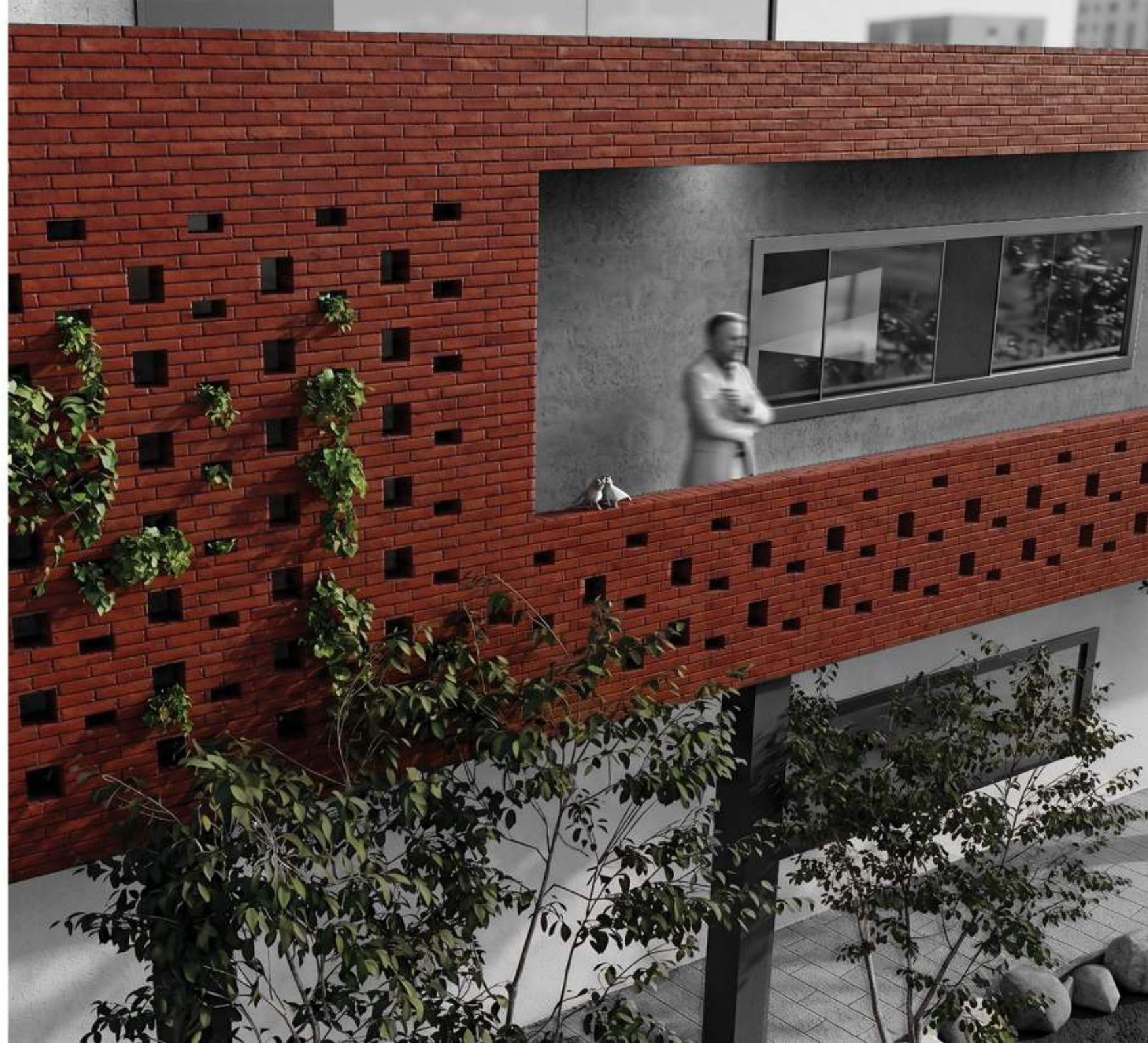


Fracture Care Center

📍 Iraq-Baghdad.

Area: 3500 M

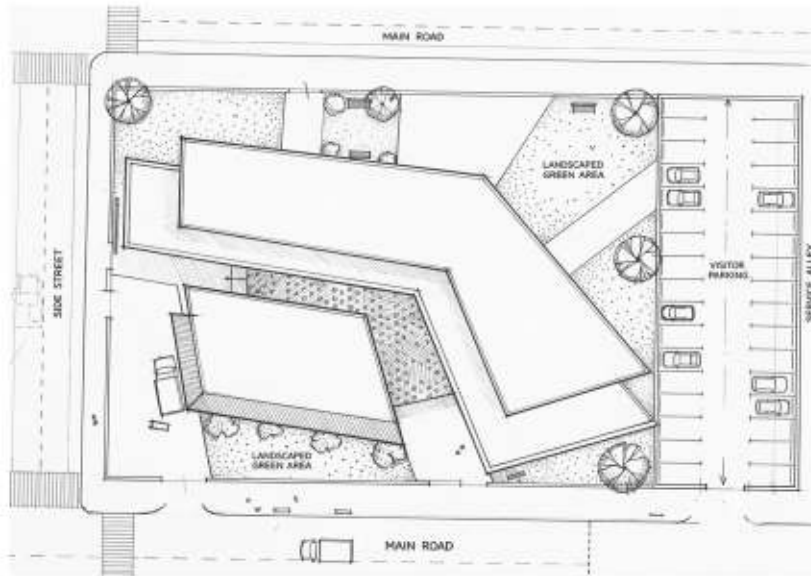
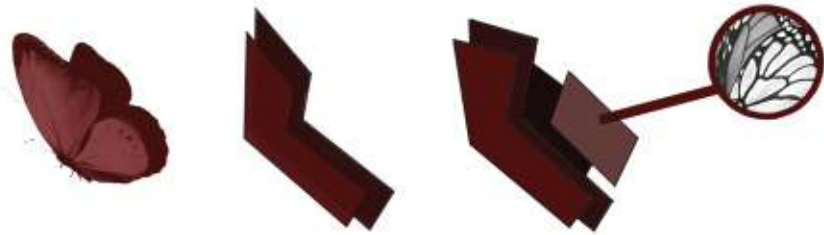
2023



DESIGN CONCEPT

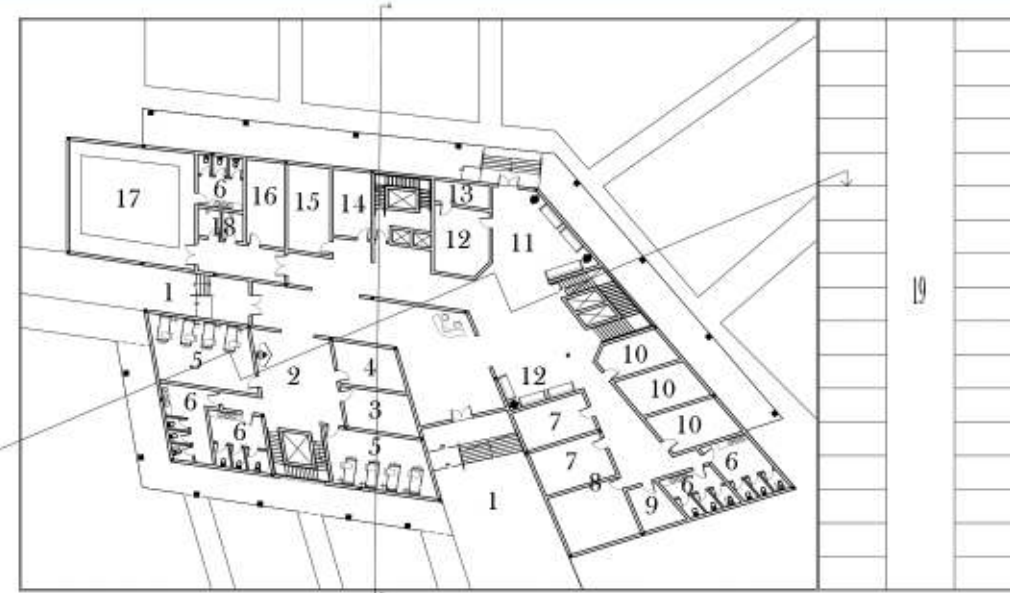
Design philosophy: The butterfly effect That is, any small action has an impact on the body's healing process.

Principle of theory: The butterfly effect is the idea that small things can have a big impact.





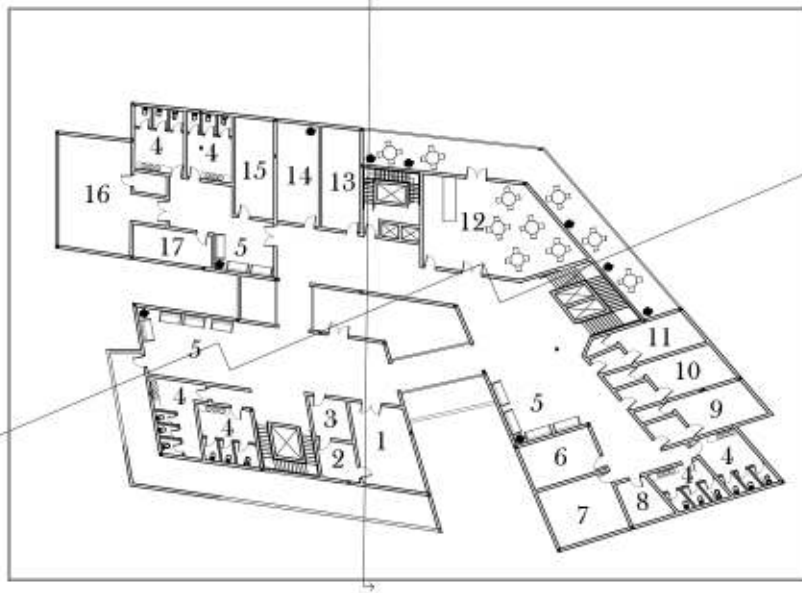
PLANS



Ground Floor Plan

LEGENDS

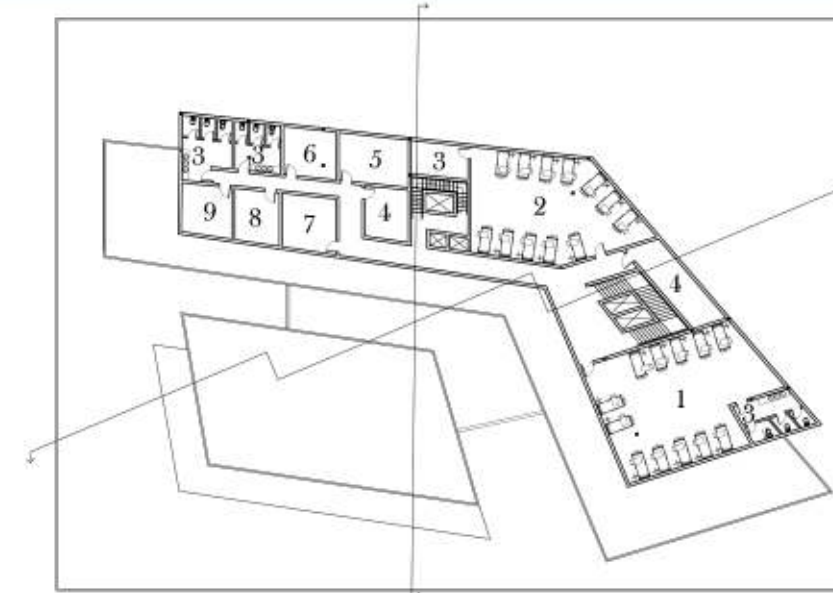
- | | |
|-------------------|----------------------|
| 1 Entrance/exit | 11 WC |
| 2 ICU | 12 Waiting Era |
| 3 Doctor's Room | 13 Pharmacy |
| 4 X-Ray Room | 14 Ophthalmologist |
| 5 Patient Ward | 15 Optometry Rm |
| 6 WC | 16 PT Room |
| 7 Orthopedics | 17 Hydrotherapy Pool |
| 8 Cast Room | 18 Changing Room |
| 9 wound care Room | 19 Garage |
| 10 Consultant | 20 |



First Floor Plan

LEGENDS

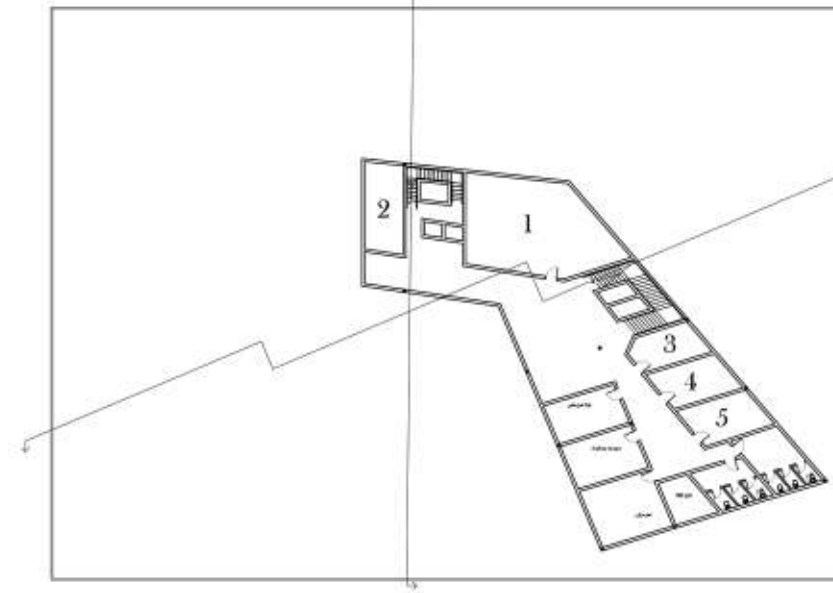
- | | |
|----------------------|--------------------|
| 1 OR | 10 CT Scan RM |
| 2 CSSD | 11 X-Ray rm |
| 3 Airlock | 12 Cafeteria |
| 4 WC | 13 Dental Lab |
| 5 Waiting Era | 14 Dental Clinic |
| 6 Sterilization Room | 15 Electrotherapy |
| 7 Laboratory | 16 Therapeutic GYM |
| 8 Sample Storage RM | 17 PT |
| 9 MRI Room | |



Second Floor Plan

LEGENDS

- | | |
|------------------------------|---------------------|
| 1 Patient Ward-F | 6 Meeting RM |
| 2 Patient Ward-M | 7 Director's Office |
| 3 WC | 8 Dr. Office |
| 4 Nurses RM | 9 HR Office |
| 5 Administrative ASS. Office | 10 CFO Office |

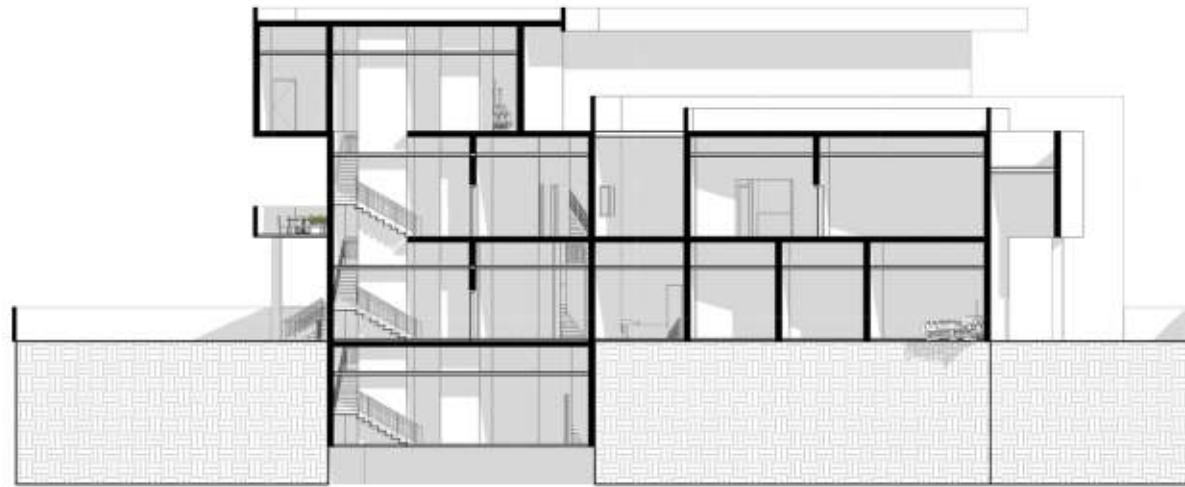


Ground Floor Plan

LEGENDS

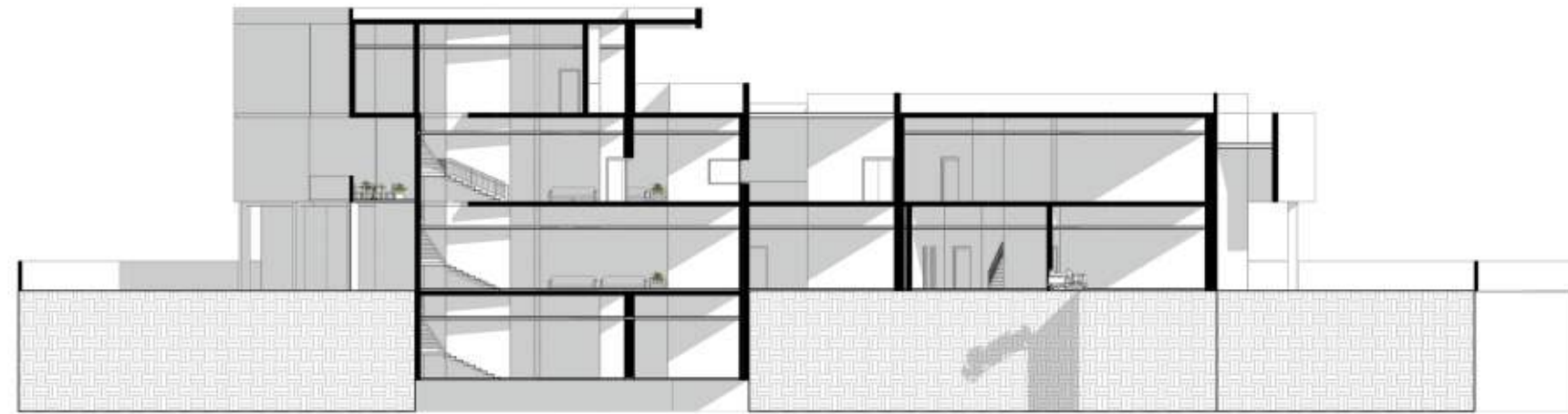
- | | |
|----------------|---------------------|
| 1 Kitchen | 6 Medical Gas Store |
| 2 Elec. RM | 7 CSSD |
| 3 Bleaching RM | 8 Supply Storage |
| 4 Staff RM | 9 Laundry RM |
| 5 JAN. CLOS. | |





SEC A-A

SEC B-B



Warsha fan

📍 Iraq-Baghdad.

ERA: 150 M

2023









