

Architect

Ahmed Hegazy

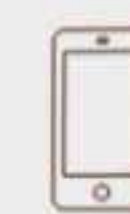
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A B O U T . .

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DYNAMIC ARCHITECT with extensive knowledge of architectural and sustainable design in addition to a successful background of management at architectural projects involving residential and health care developments, real estate, retail, resorts and luxury mansions. **DEMONSTRATES** excellent communications, presentations, problem solving, management and leadership skills plus team working. **PROMOTES** a culture of success and ensures ongoing adherence to various building codes and standards.



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+966 500 584 682 ☎



Riyadh, Saudi Arabia Resident

Egyptian Birth



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Core Skills

Time Management
Teams' Leadership
Brainstorming
Problem Solving
Conceptual Art
Self-Learning



03



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experience

- 2014** Bachelor Degree
Zagazig University, Egypt
Faculty of Engineering
Architecture and Urban Planning
- 2015** Team Leader Architect
Air Defense Technical Office,
Cairo, Egypt
- 2016** Architect
Design Office for Architecture and
Decoration Consulting,
Sharqiyah, Egypt
- 2018** Diploma Degree
Zagazig University, Egypt
Faculty of Engineering
Environmental Design and Planning

- 2019** Technical Architect
Well-Tempered Company,
New Cairo, Egypt
- 2020** Architect
Multi Architectural Offices and Individuals,
International
- 2023** Architectural Designer
Abel Aziz Alessa Engineering
Consulting Office,
Tabuk, Saudi Arabia
- Present** Consultant Architect
Facility Management and Safety Department,
King Khaled Eye Specialist Hospital
Riyadh, Saudi Arabia

IT SKILLS





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Architectural Design

Environmental | Contemporary | Islamic | Educational
Local | Modern | Classic

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An architectural rendering of a large, modern building with a complex, multi-tiered roof and a facade featuring intricate, arched, and perforated patterns. The building is set in a desert-like environment with palm trees and a helicopter on the roof. The rendering is presented as a spread in a book or portfolio, with a dark blue background visible around the edges.

01. Rehabilitation Building

Environmental Local Islamic Exterior

Riyadh, Saudi Arabia

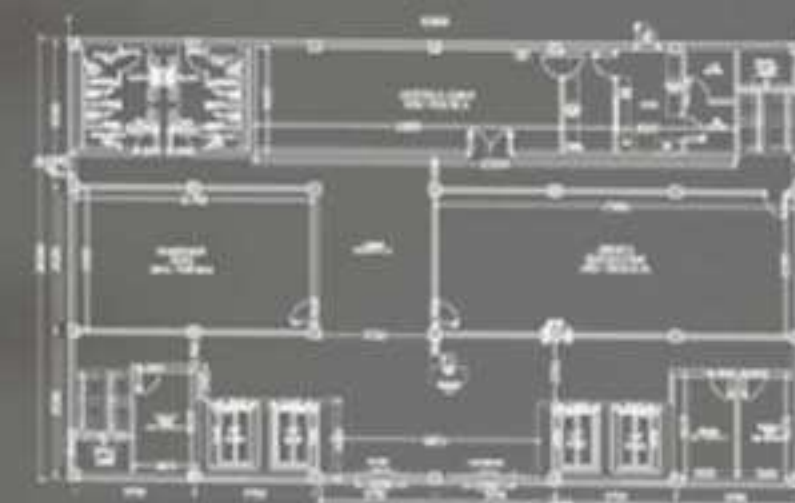
© Architect Ahmed Hegazy 2024 All Rights Reserved.

Description ..

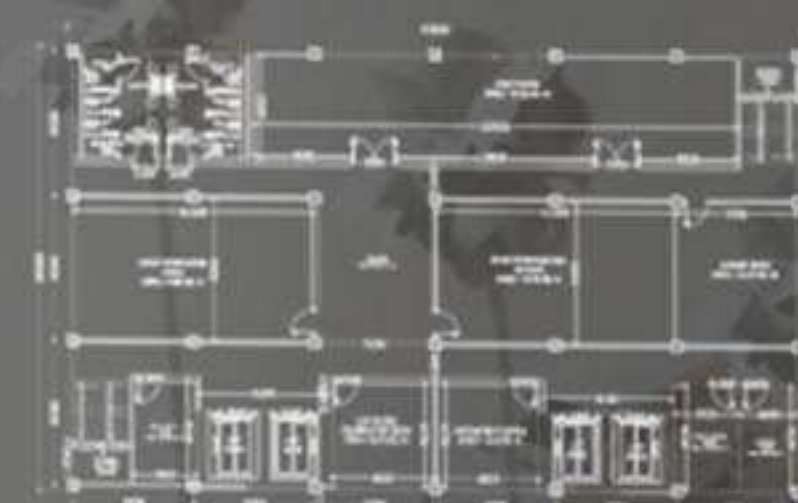
New Rehabilitation Building Exterior Design at King Khaled Eye Specialist Hospital. Proposal consists of 6 typical floors according to Saudi Code and Hospital needs. The target was making exterior design with wide glass areas for internal offices for more natural daylight rays and open view for the hospital landscape area around, beside Helicopter access on the top roof for emergency and private patients need to use the building services. So, the challenge was preserving the identity for the Islamic Saudi character and get the environmental purposes regarding the Riyadh high temperatures through:

1. Choosing friendly materials like; climatic plants, local tiles, and exterior paints.
2. Making shadows for all elevations during the summer and let the sun rays in during winter times.
3. Respecting building ratios according to its height and width.
4. Using Islamic patterns and palm lines which represent the most likely plant for the country.

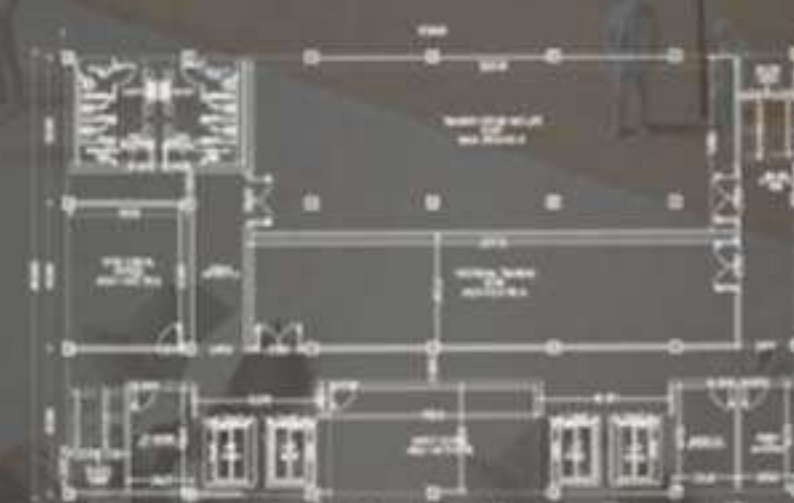
Plan Views ..



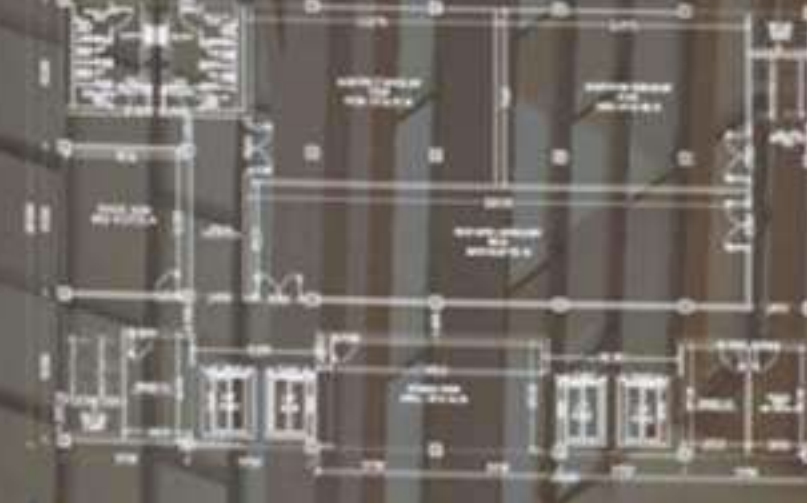
Ground



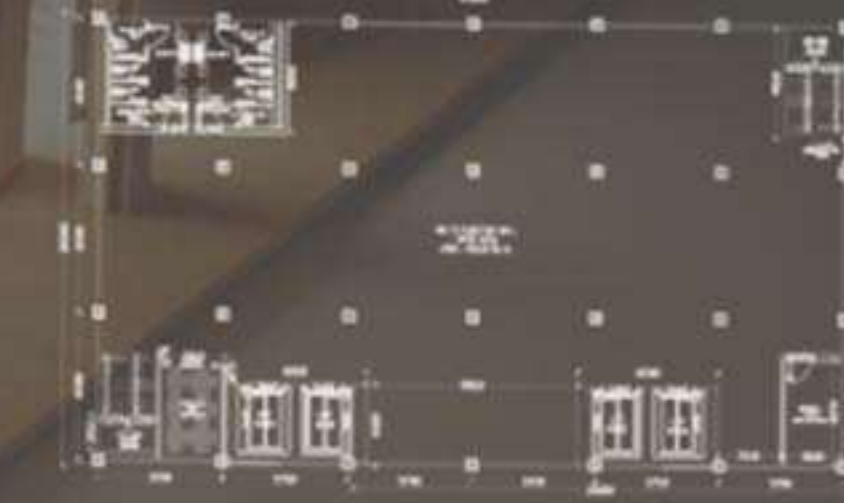
First



Second



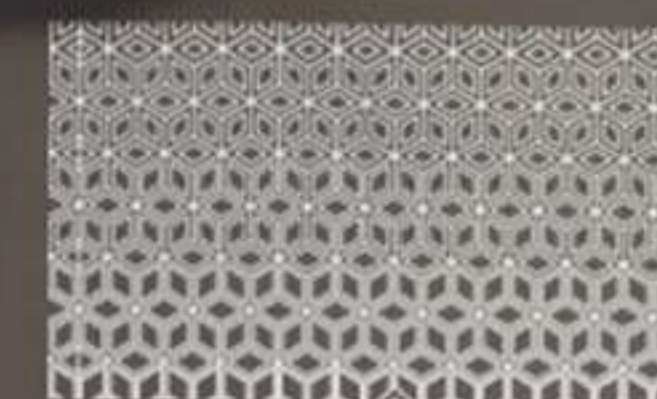
Third



4th

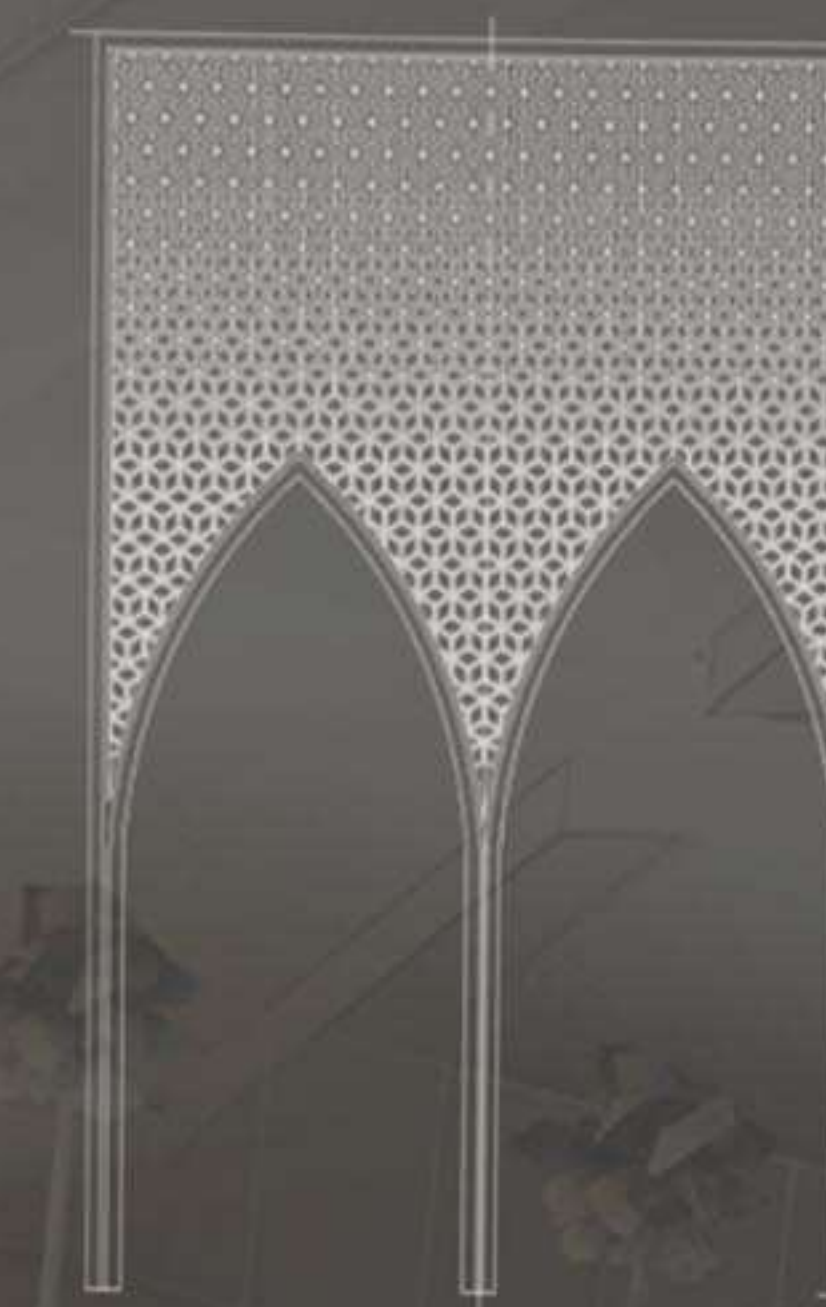


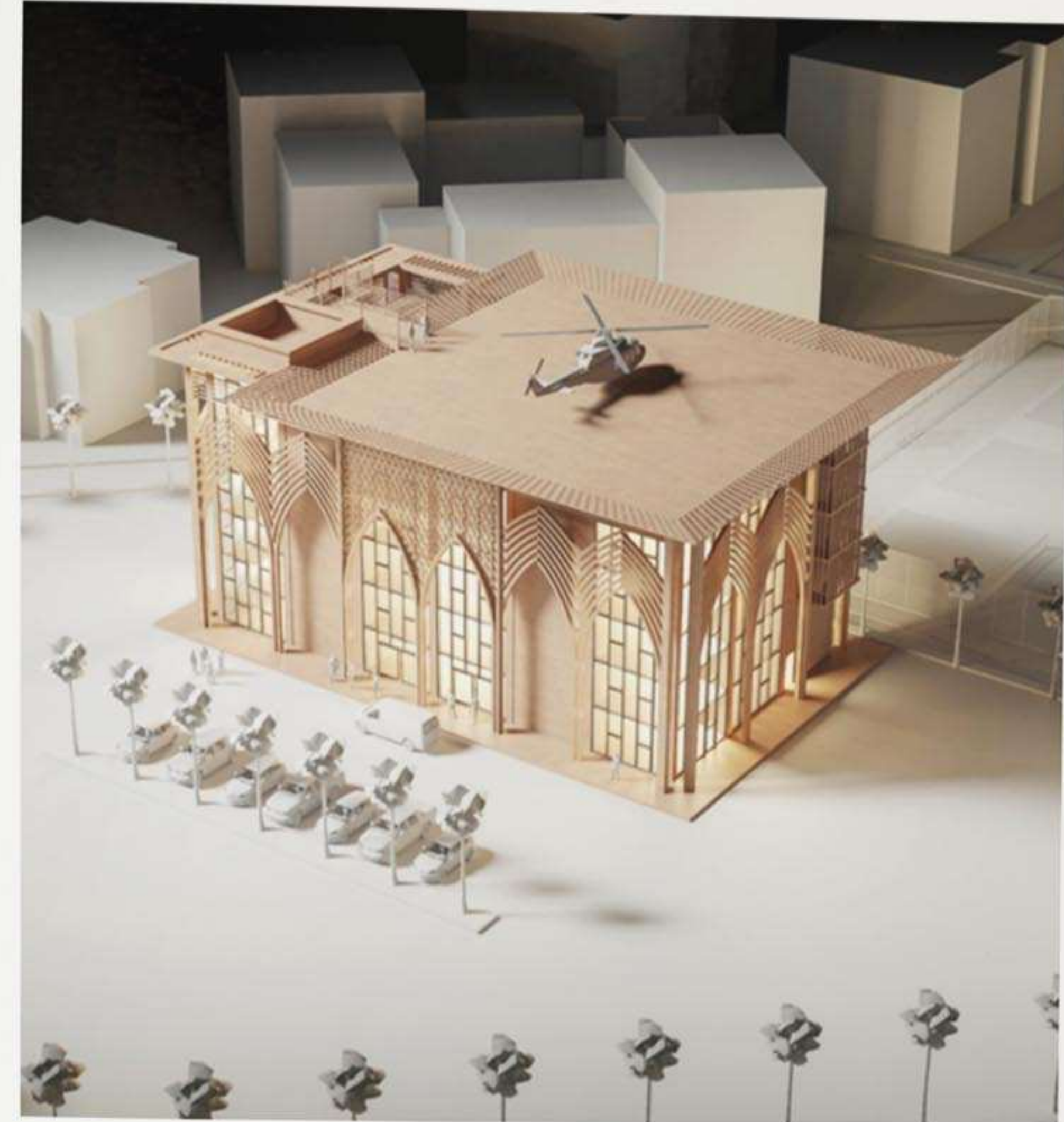
5th



Roof

Pattern Art ..





02. Mixed-Use Building

Environmental Modern Commercial Exterior

Tabuk, Saudi Arabia

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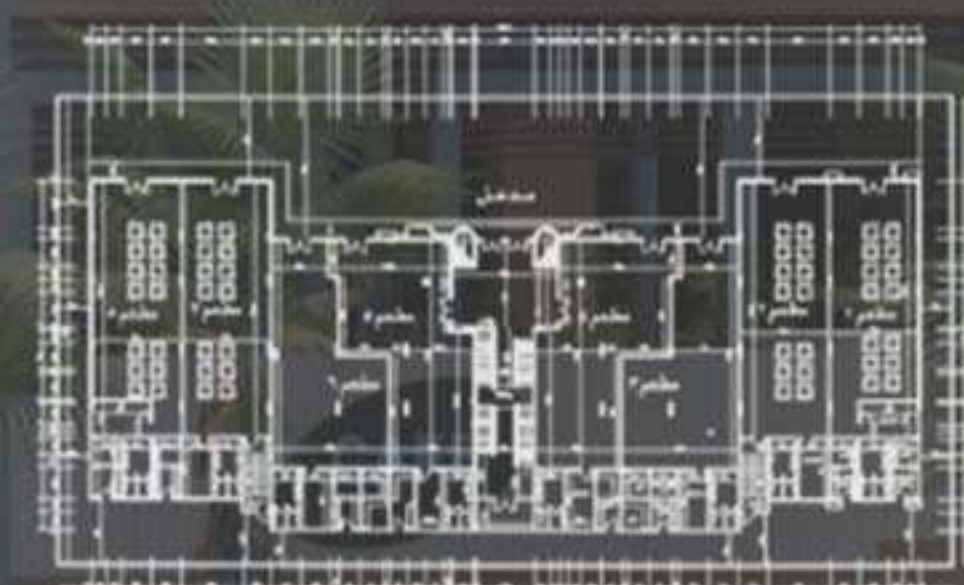


Description ..

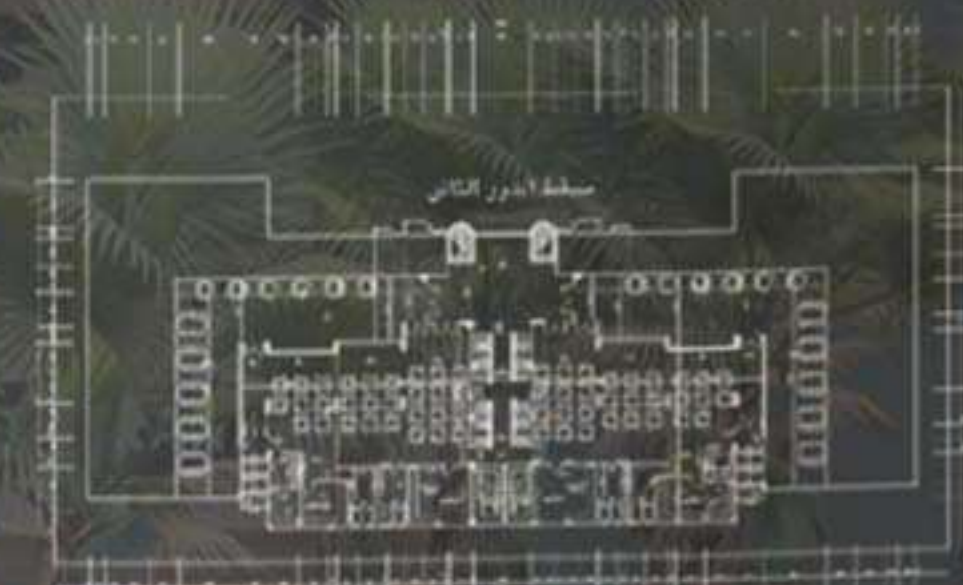
Existing Mixed-Use Building Exterior Design Proposal beside Tabuk Park consists of 4 typical floors according to Saudi Code Standards with wide landscape area around respecting access. The target was making exterior design with wide glass areas for internal spaces for more natural daylight rays and open view for the outdoor sets landscape area around, beside making magnificent outdoor spaces with environmental consideration on the top roof. So, the challenge was full use of the spaces for more users with comfortable sets and get the environmental purposes regarding the weather temperatures through:

1. Choosing friendly materials like; climatic plants, local tiles, and exterior paints.
2. Making shadows for all elevations during the summer and let the sun rays in during winter times.
3. Respecting building ratios according to its height and width.
4. Full use for the outdoor areas regarding the building mass and privacy for every space.

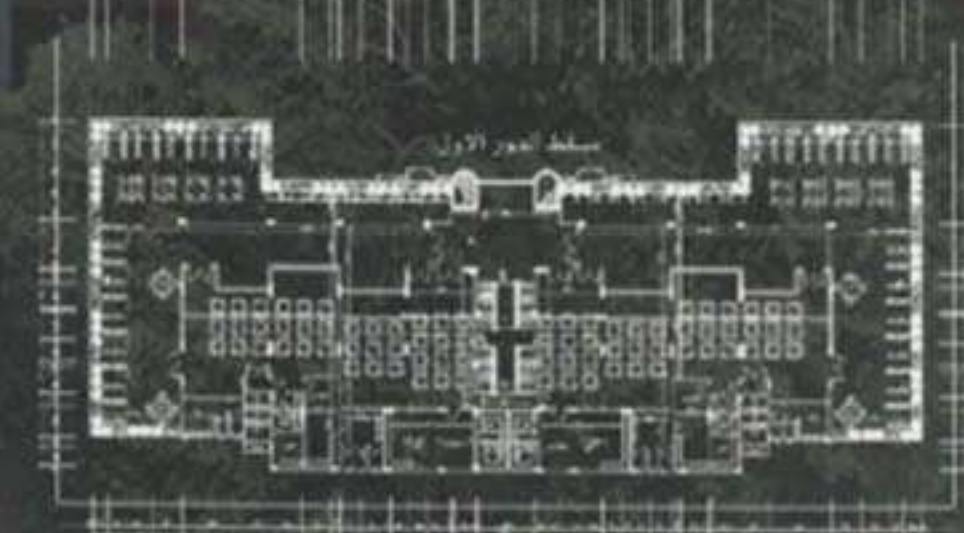
Plan Views ..



Ground



Second



First



Third

On Site Captured Pics



Pic (1)



Pic (2)





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3D Model Render



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On Site Captured Pic

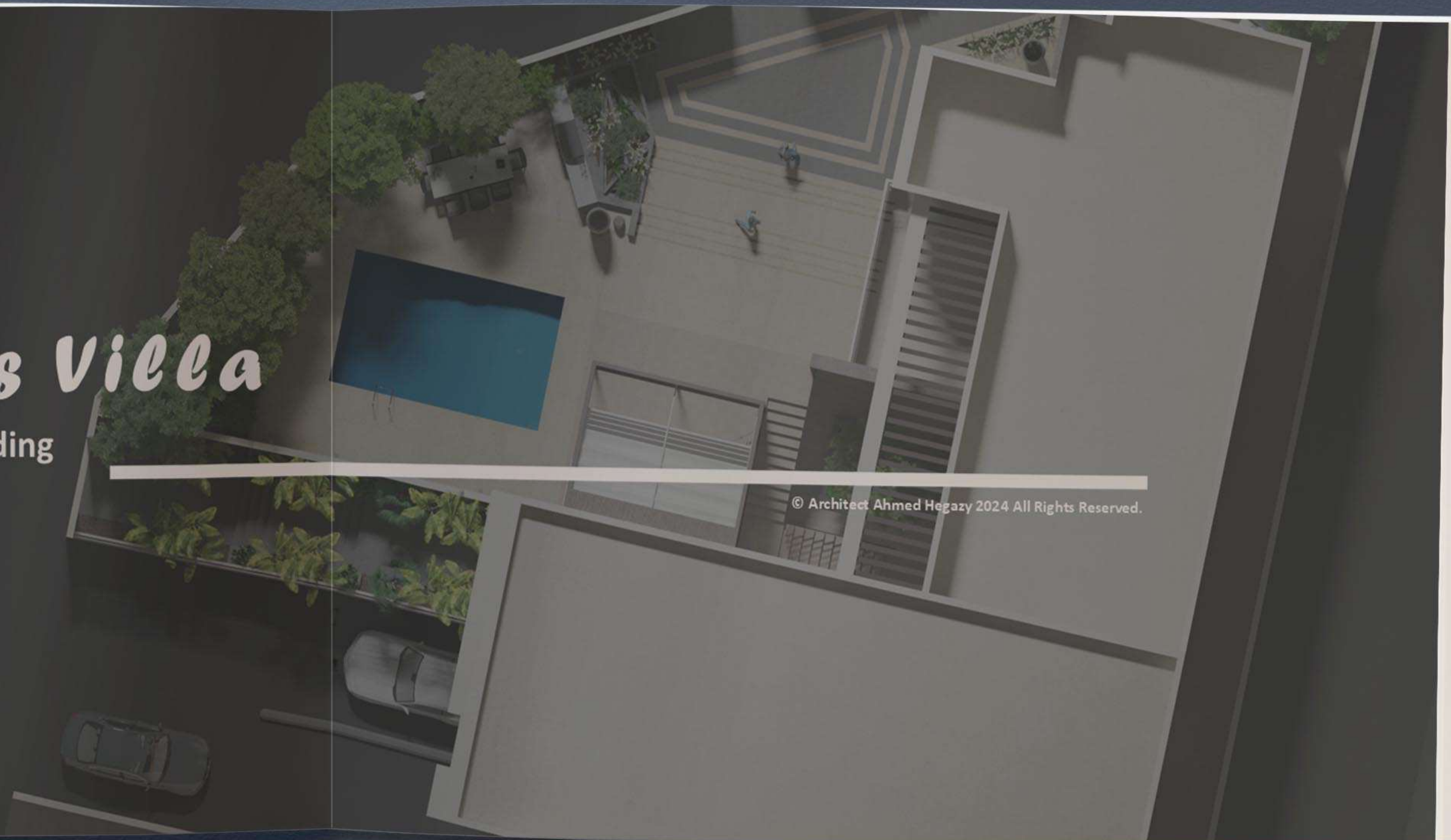


03. Mr. Muath's Villa

Environmental Minimal Residential Building

Al Dammam, Saudi Arabia

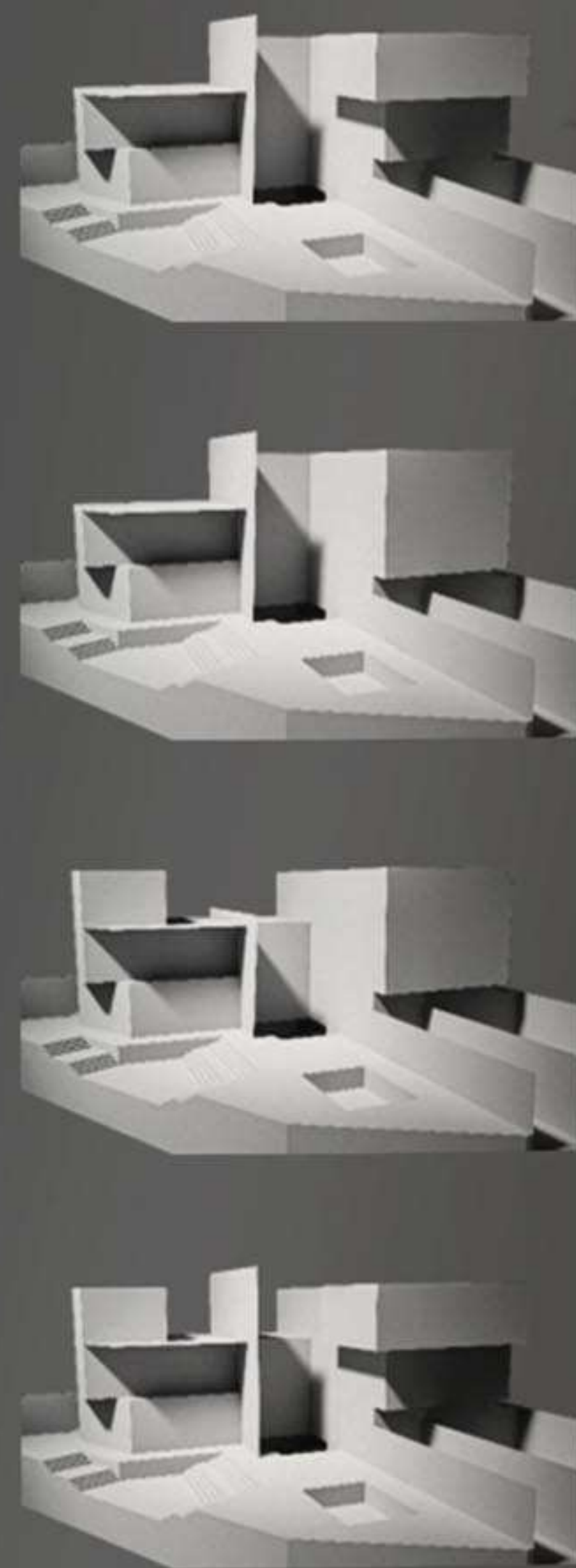
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Description ..

The main goal was designing residential villa from scratch for 750 m2 total land area regarding to Saudi Code Standards. The client aims to have environmental, elegant, flexible lines with unique designs besides landscaping outdoor areas considering swimming pool area and green spaces plus outdoor sets using local materials. So, the first thoughts were the full use of this area regarding all goals. translating into:

1. Choosing friendly materials like; climatic plants, local tiles, and exterior paints.
2. L shape mass designing that Makes wide entries for daylight and fresh air during the day with an internal court and swimming pool view.
3. Keeping many elevation areas shadowed mostly all the year considering the sun's path.
4. Creating outdoor spaces in front yards beside the swimming pool set.
5. Use double walls for the sun elevations.
6. Basement parking areas including a wide reception and its utilities.



MASS STUDY



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- 1. 4 Cars Parking
- 2. Open Court
- 3. Wide Reception
- 4. Janitor Room
- 5. Kitchen
- 6. Bathroom

Basement Floor ..



- 1. Men's Suite
 - Reception
 - Bathroom
 - Dining
 - Bedroom
 - Coffee Corner
- 2. Stairs and Elevator Zone
- 3. Bathroom
- 4. Open Kitchen
- 5. Wide Family Reception
- 6. Outdoor Set
- 7. Outdoor Barbeque

Ground Floor ..

1. 5 Master Bedrooms
 - Living Area
 - Private Bathroom
 - Dressing Space
2. Stairs and Elevator Zone
3. Main Bathroom
4. Small Kitchen
5. Terrace



First Floor ..

1. Master Bedroom
 - Living Area
 - Private Bathroom
 - Dressing Space
2. Stairs and Elevator Zone
3. Office Space
 - Living Area
4. Outdoor Roof



Roof Floor ..

Landscaping

Schematic Design

2D Plan Design

Material Selection

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Minimal

32

An architectural rendering of a modern, two-story house at dusk. The house features a dark blue-grey facade with vertical wooden slats and large windows. A prominent palm tree stands in the foreground on the left. The house is surrounded by a low wall and a gate. The sky is a deep twilight blue.

04. Mr. Abdallah's House

Environmental Contemporary Exterior

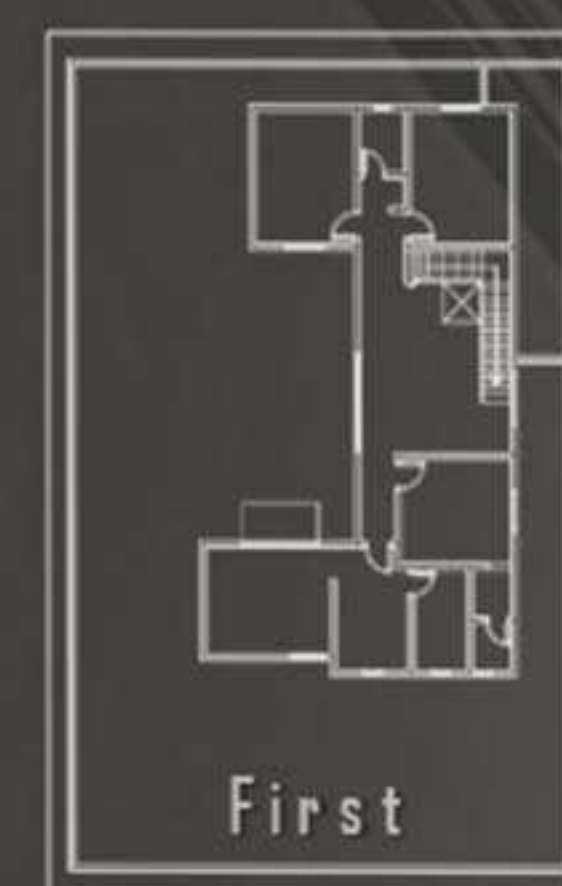
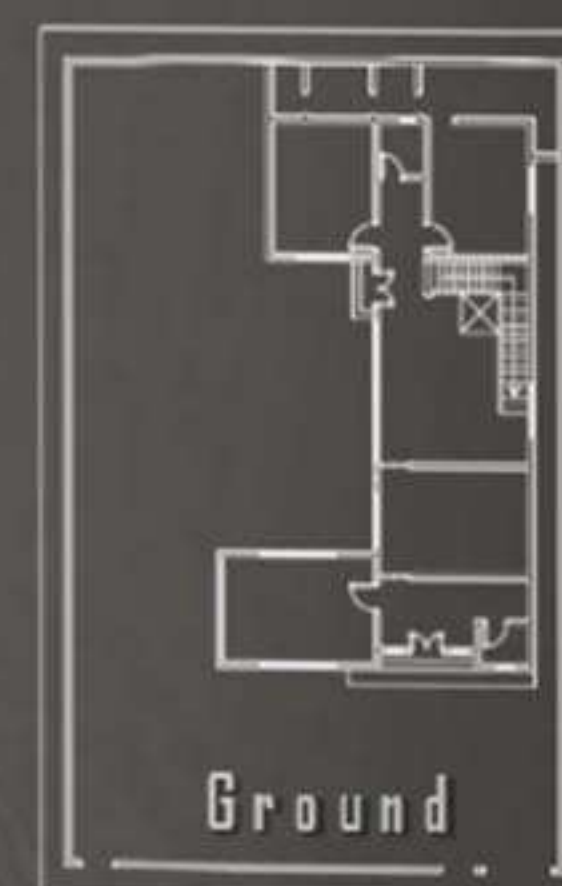
Jeddah, Saudi Arabia

Description ..

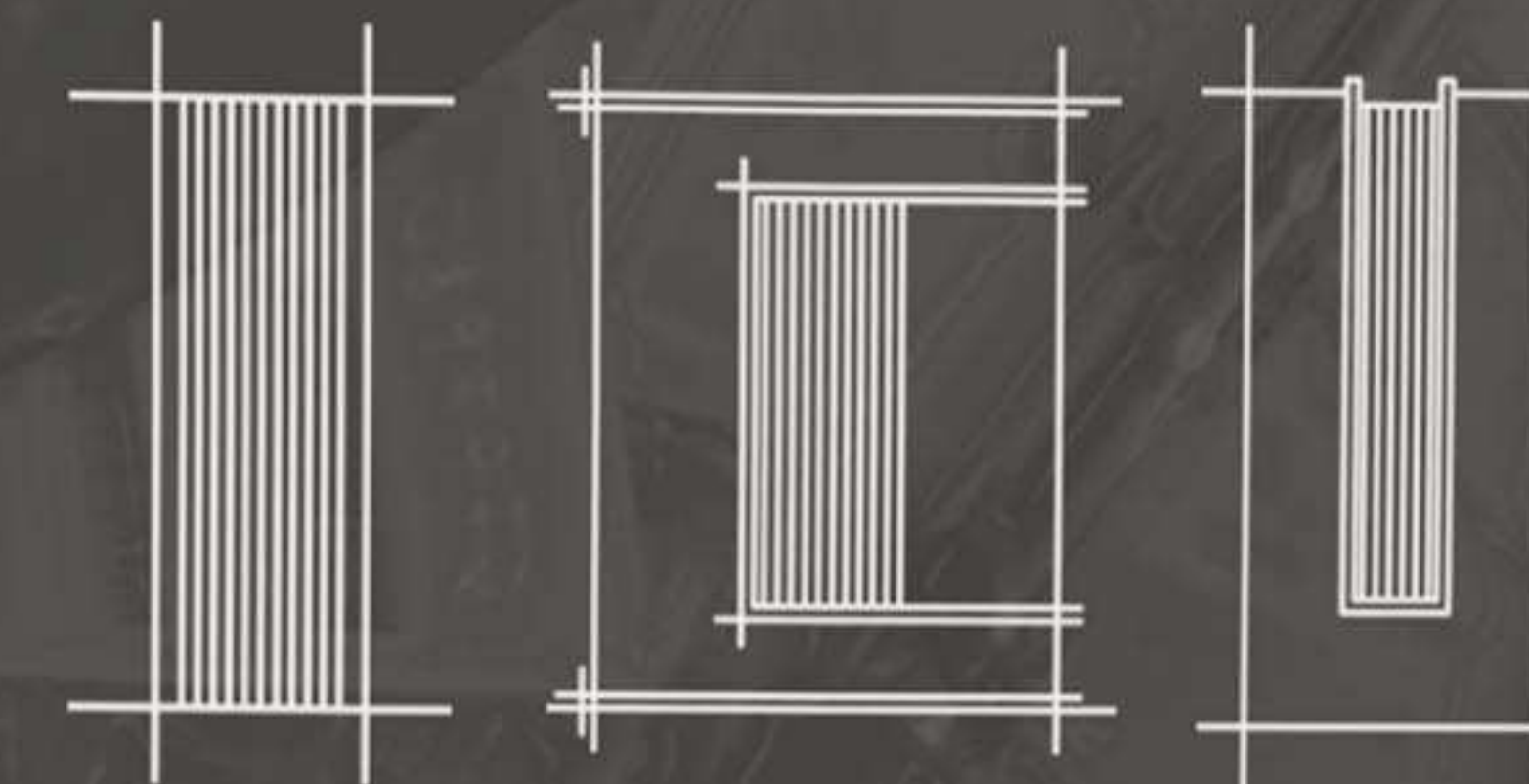
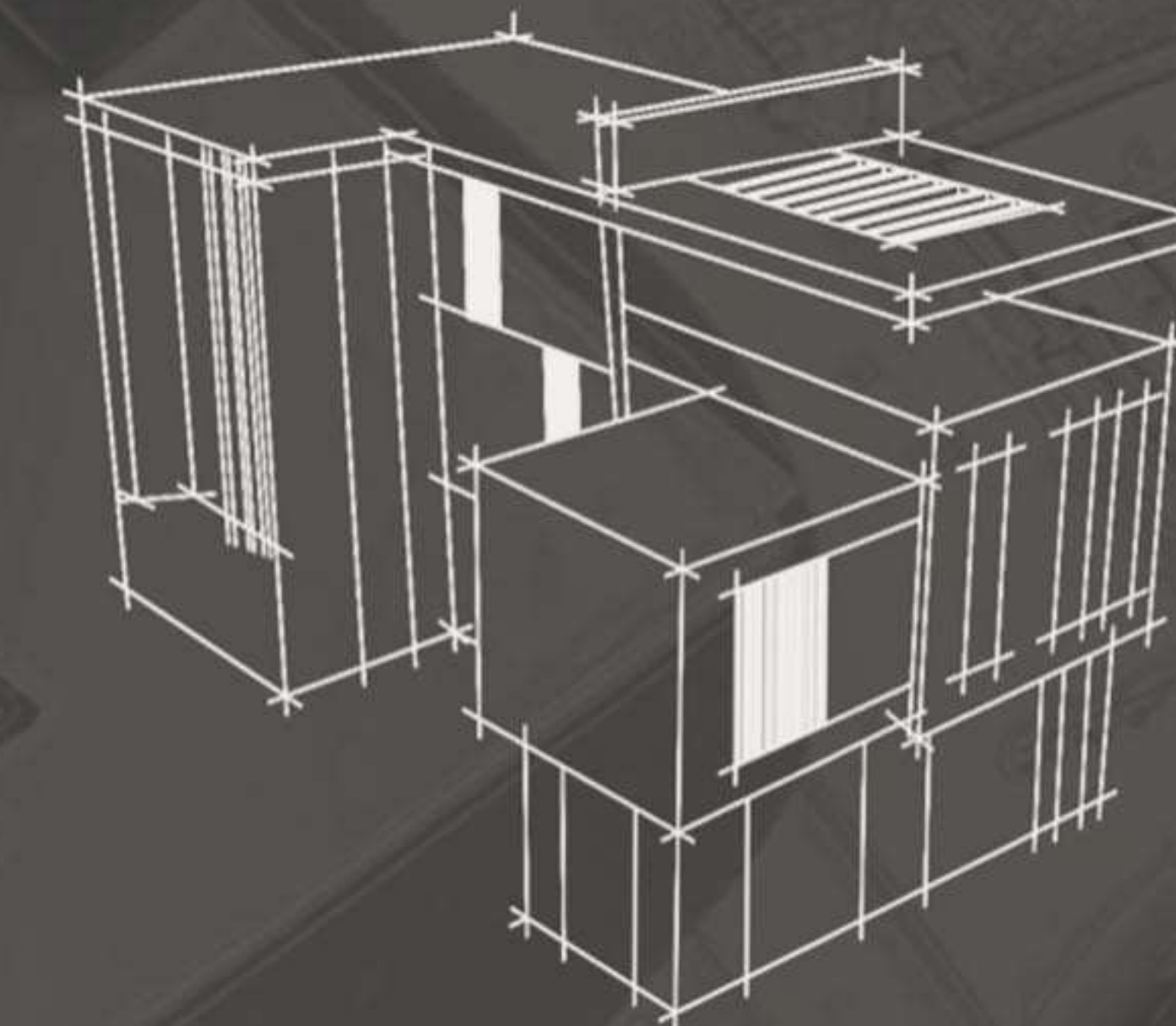
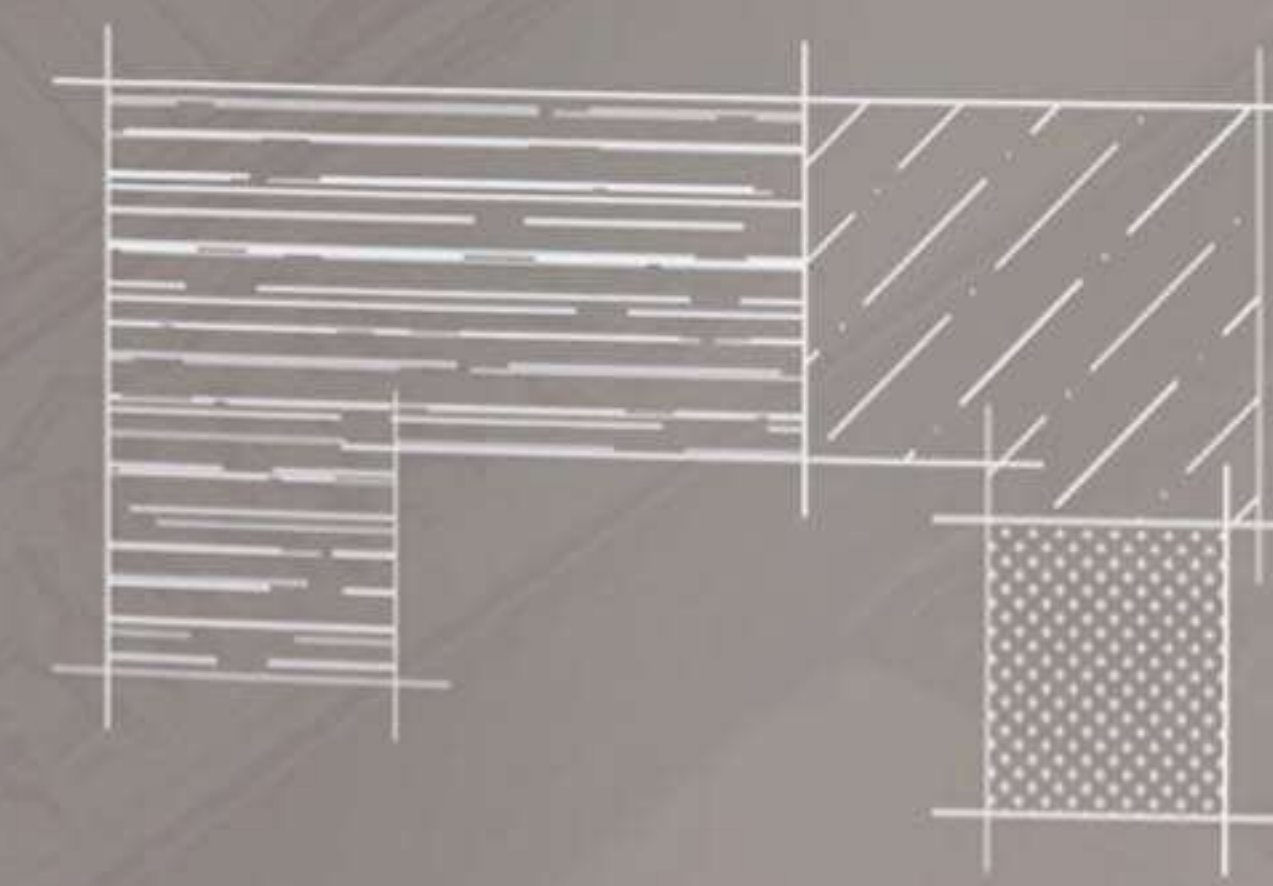
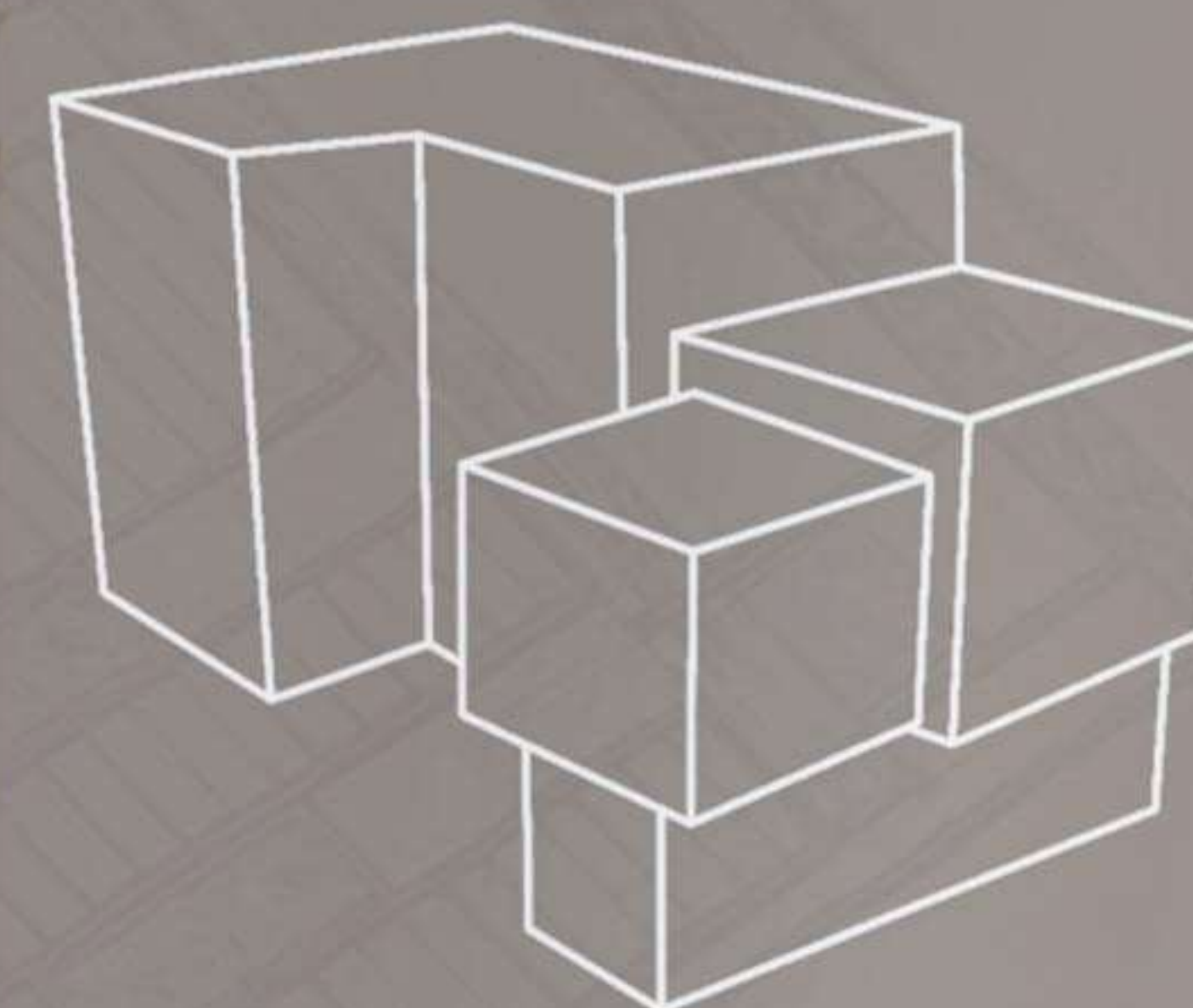
The challenge was the exterior design process for 650 m2 of the total area for the project with 35% of the building's area. The client aims to have environmental, elegant, modern lines with unique designs besides landscaping outdoor areas considering privacy and green spaces using local materials. So, the first thoughts were the full use of this area regarding all goals. translating into:

1. Choosing friendly materials like; wood, local tiles, and exterior paints.
2. Making wide entries for daylight and fresh air during the day.
3. Keeping many elevation areas shadowed mostly all the year considering the sun's path.
4. Creating outdoor spaces in front yards beside the roof set.
5. Use double walls for the sun elevations.
6. Superb outdoor lighting distribution for the building during nighttime.

Plan Views ..



Mass Study & Pattern Art ..



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Sun Path & Shadows Study

Model Simulation was done to study the sun path and shadows for the building at 3 different times all day as shown. Data reference was scientifically generated and entered to get the results on 3D MAX software with the Sun Positioner command. Renders were on override material way to clarify the sun rays and elevation shadows. As a result, every render represents the real data extracted.

Reference Data : [EnergyPlus](#)
Date : 21, June 2019



37



Time : 12.30 h

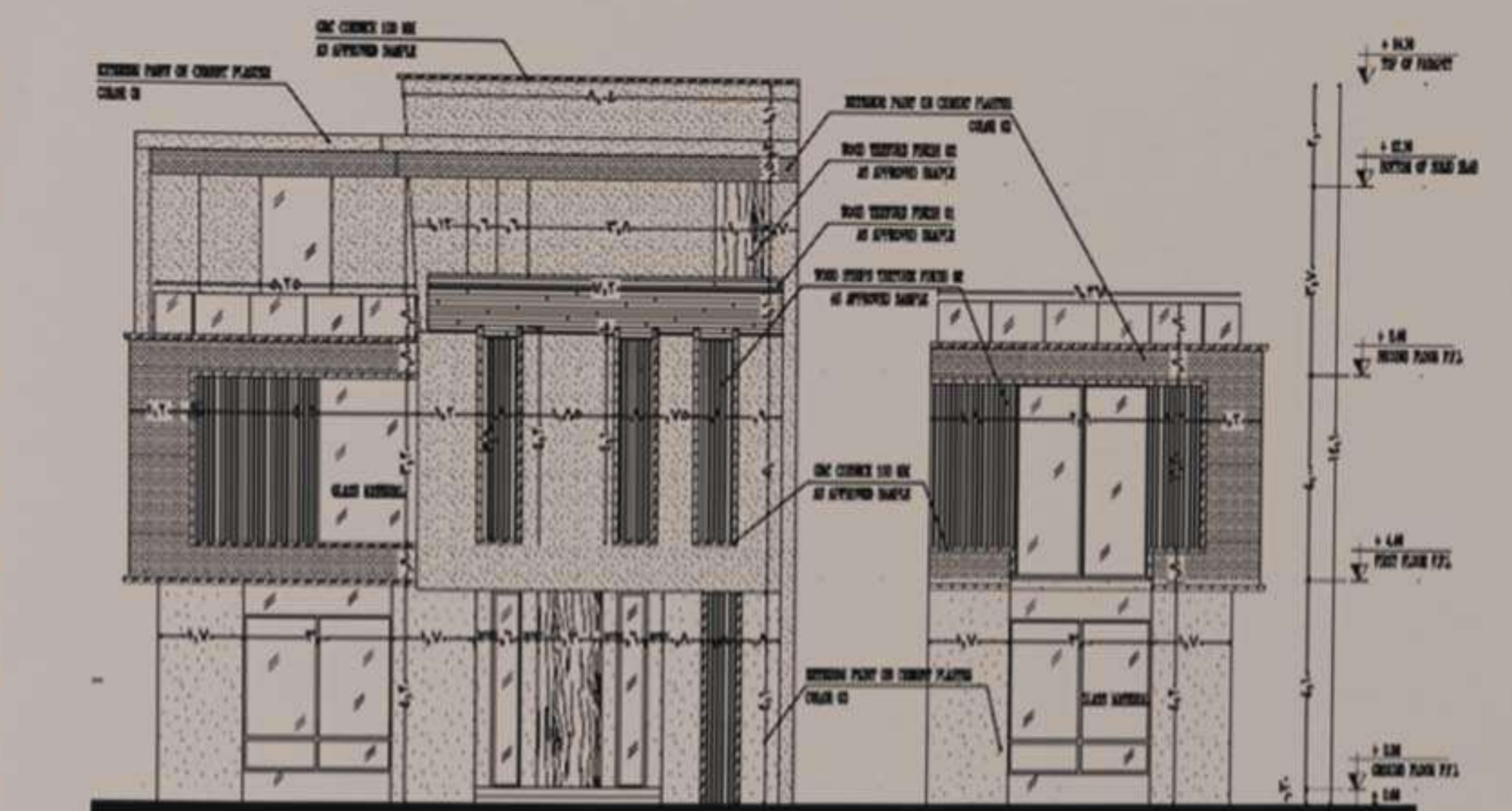
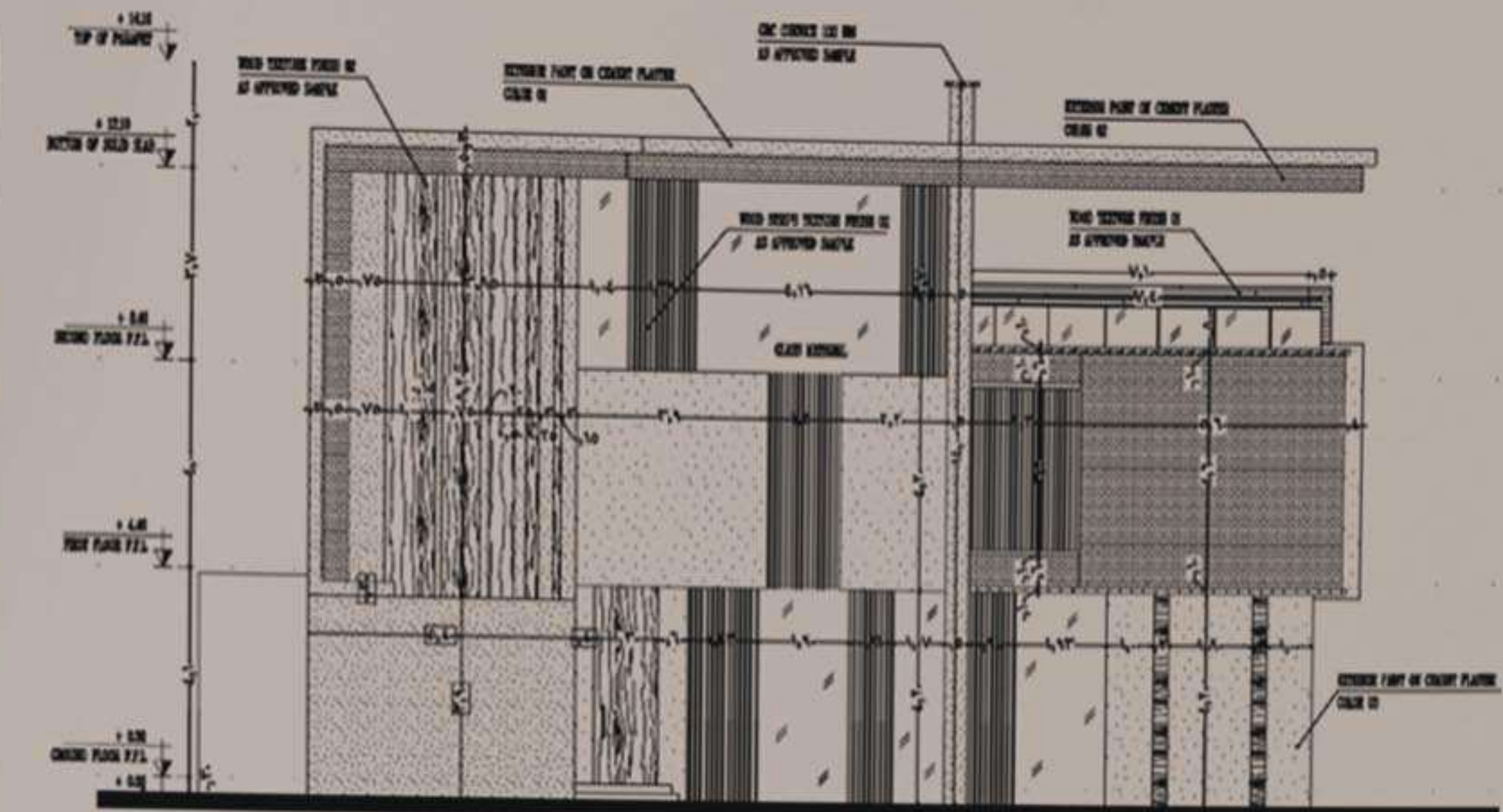


Time : 17.00 h

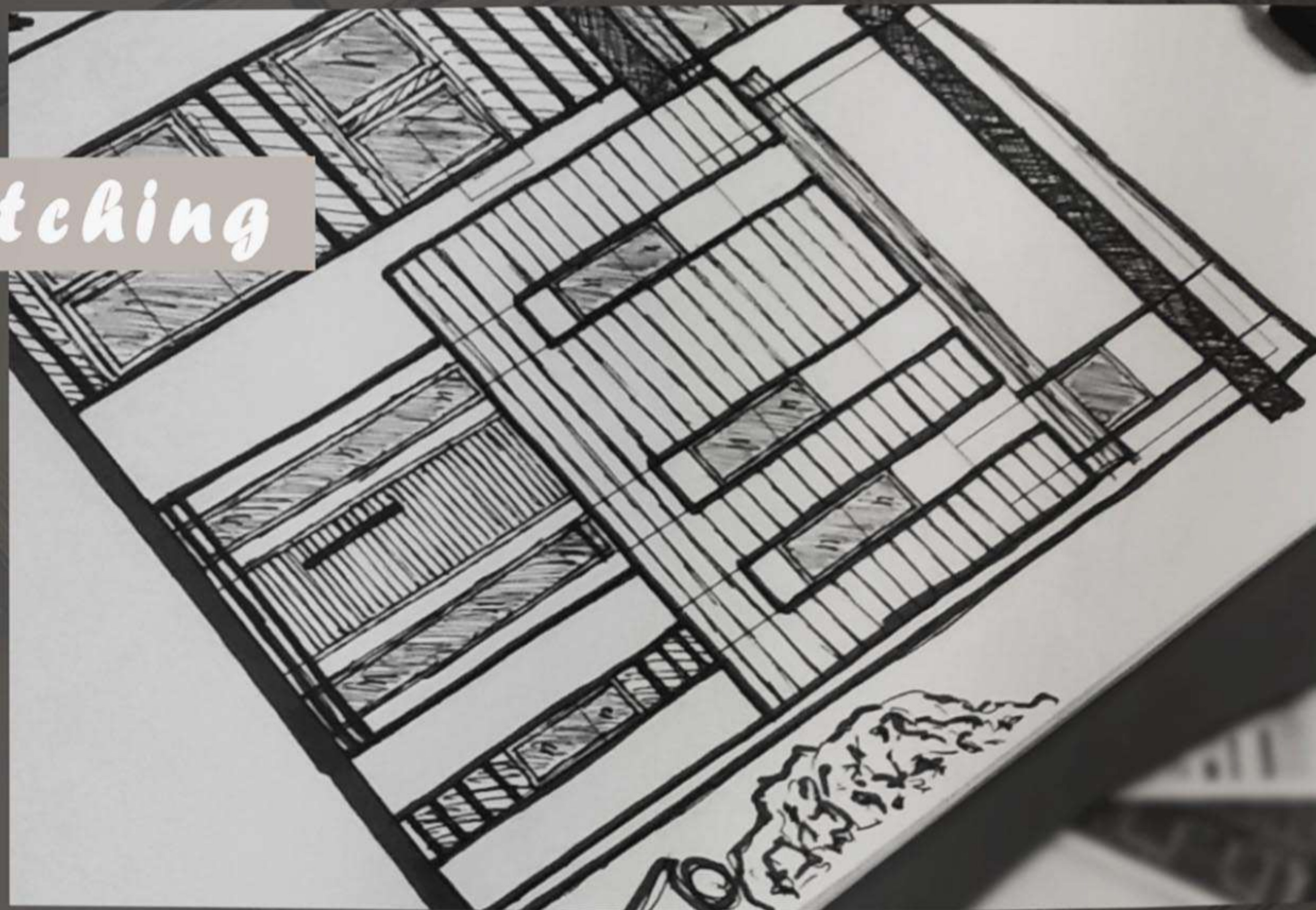


Time : 8.00 h

DRAWINGS



Sketching



39

Rendering



40

Environmental...

Landscaping

Lighting Study

Façades Design

Material Selection

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42

Model Renders

43



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Model Renders

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46



05. *Mr. Hammad's Villa*

Islamic Modern Exterior

Abu Dhabi, United Arab Emirates

Description ..

The challenge was the exterior design for 1400 m² of the total area for the project with 20% of the building's area, Client aims to have elegant, modern lines and unique Islamic design beside landscaping surrounding areas considering the backyard, green spaces, pool area, and using the local materials. So, the first thoughts were the full use of this area regarding all goals. Translating into:

1. Choosing finishing materials like; stone, exterior paints, and patterned tiles.
2. Using Islamic different patterns for windows and doors.
3. Creating variant heights for the skyline with the building spaces.
4. Confirming the main elevation greatness beside entrance beauty.
5. Studying light distribution to draw art for the building during the night times.

Plan Views ..



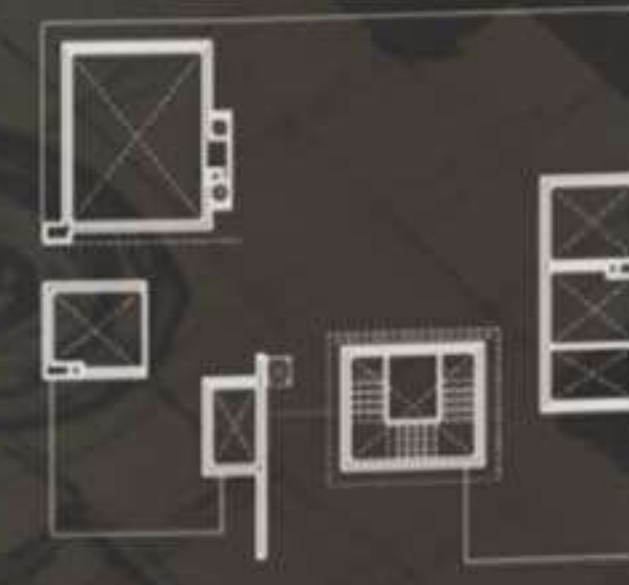
Under-Ground



Ground Floor

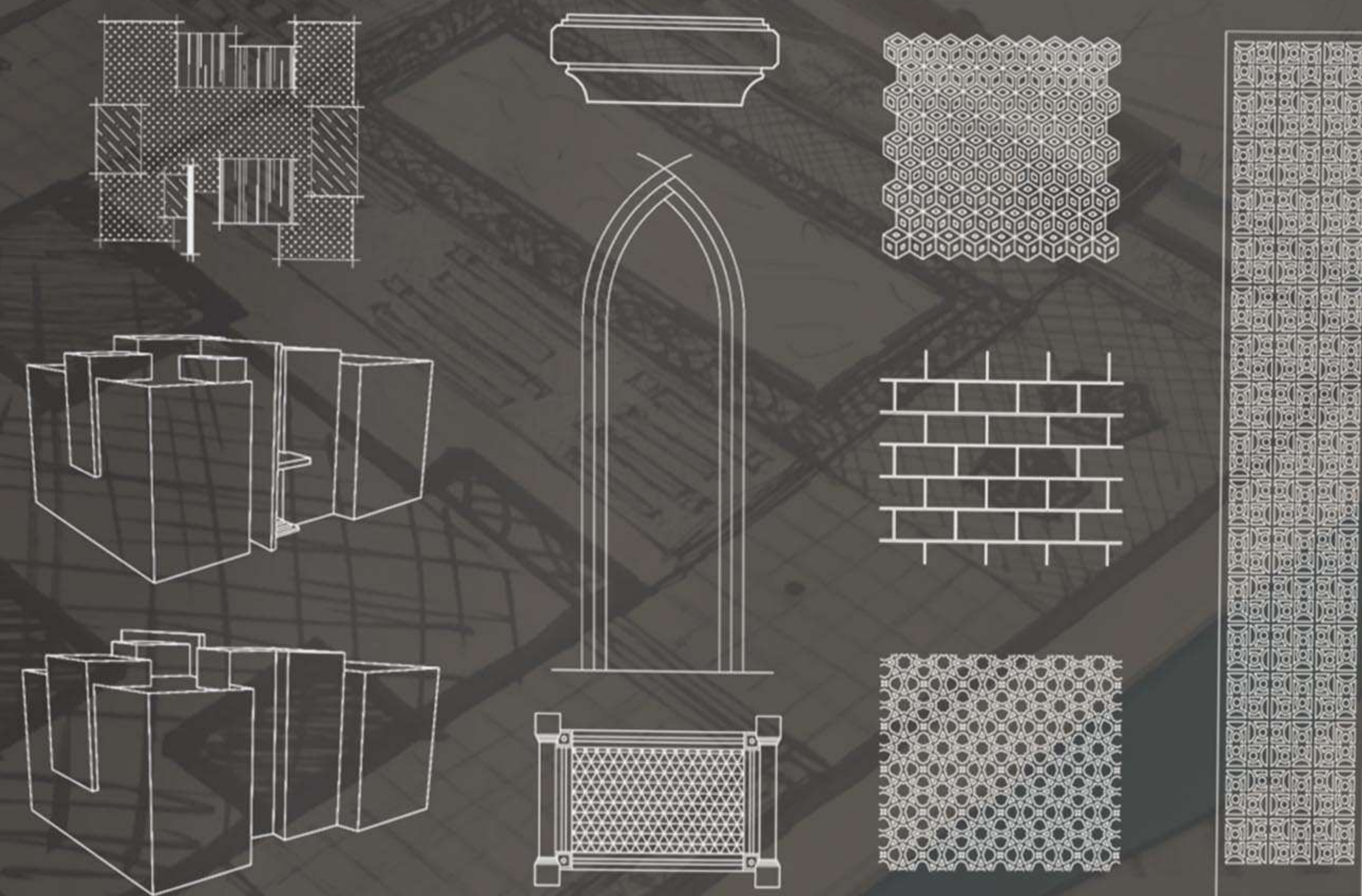


First Floor

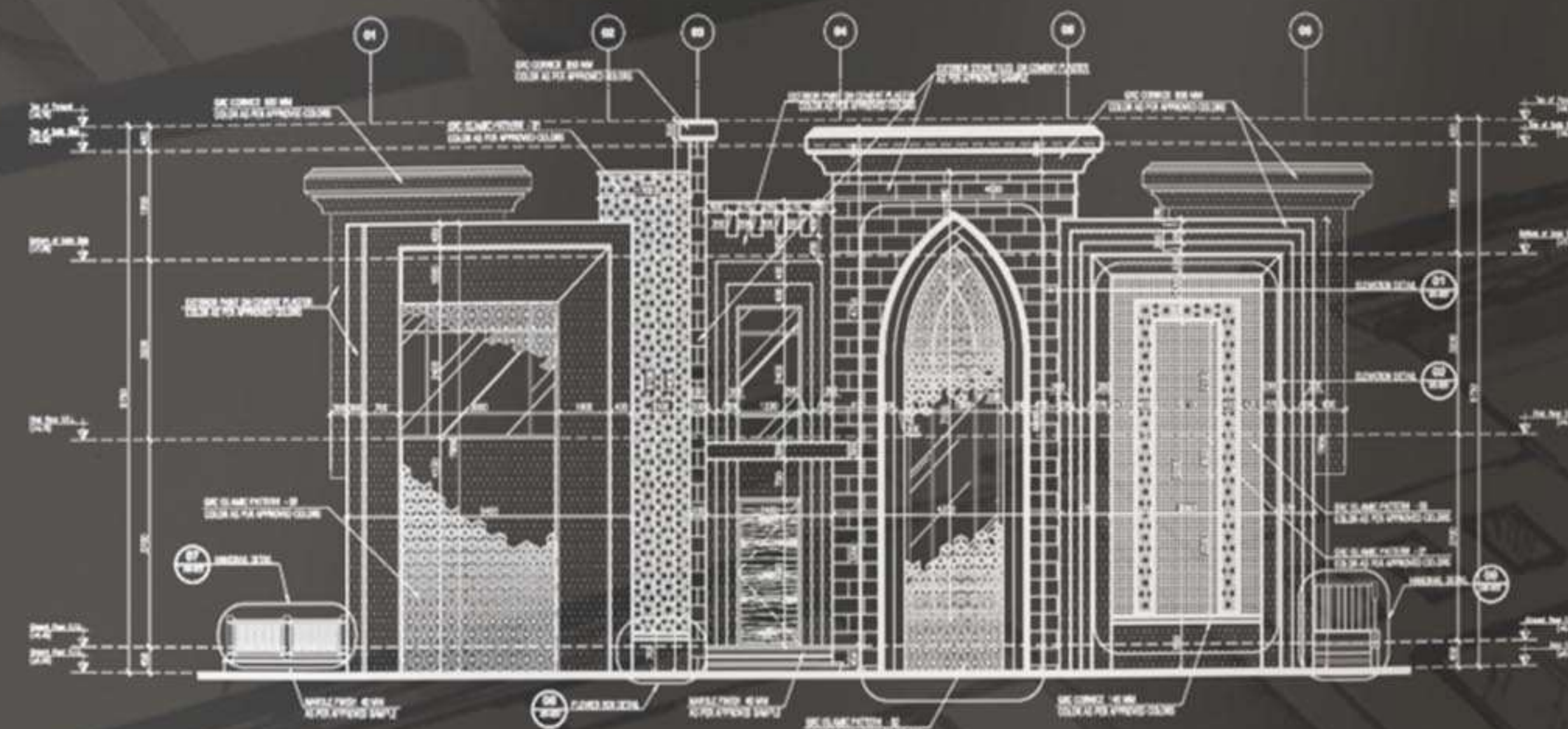


Roof Floor

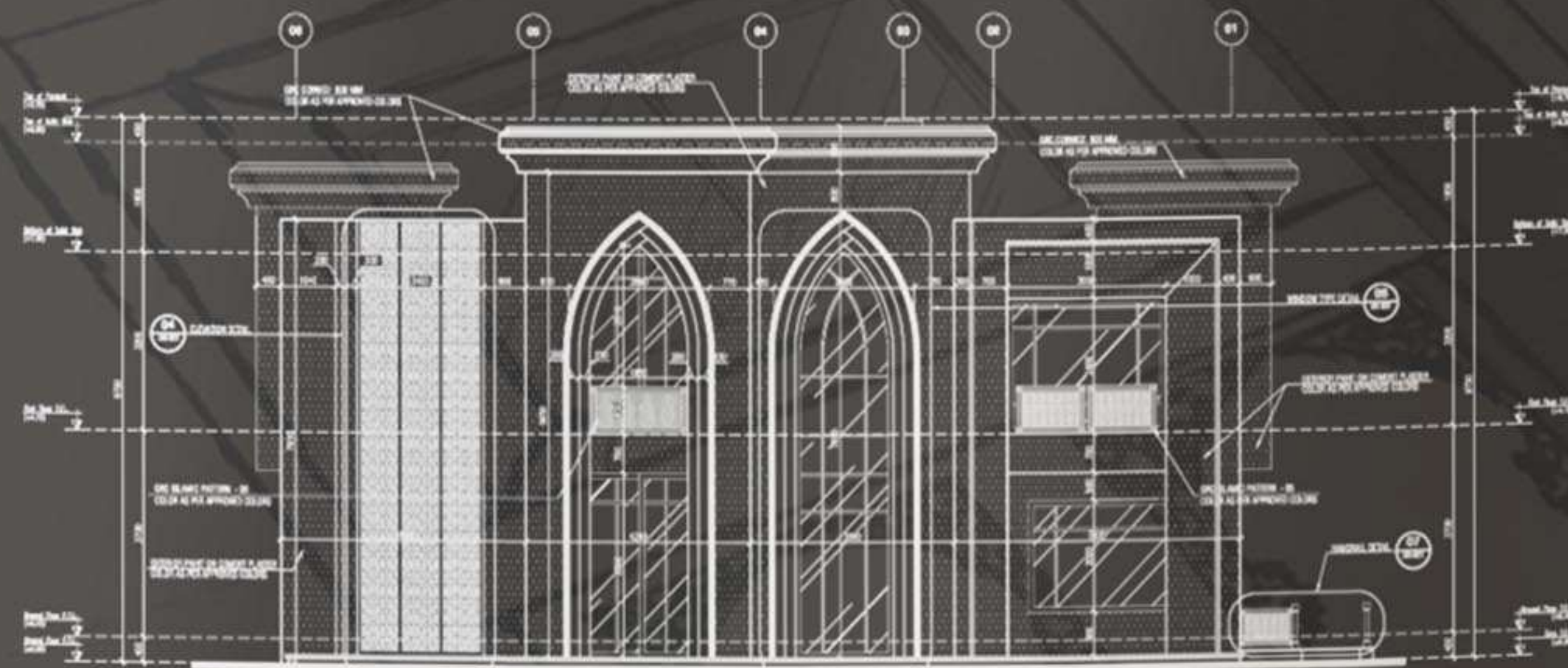
Mass Study & Pattern Art ..



01. Main Elevation

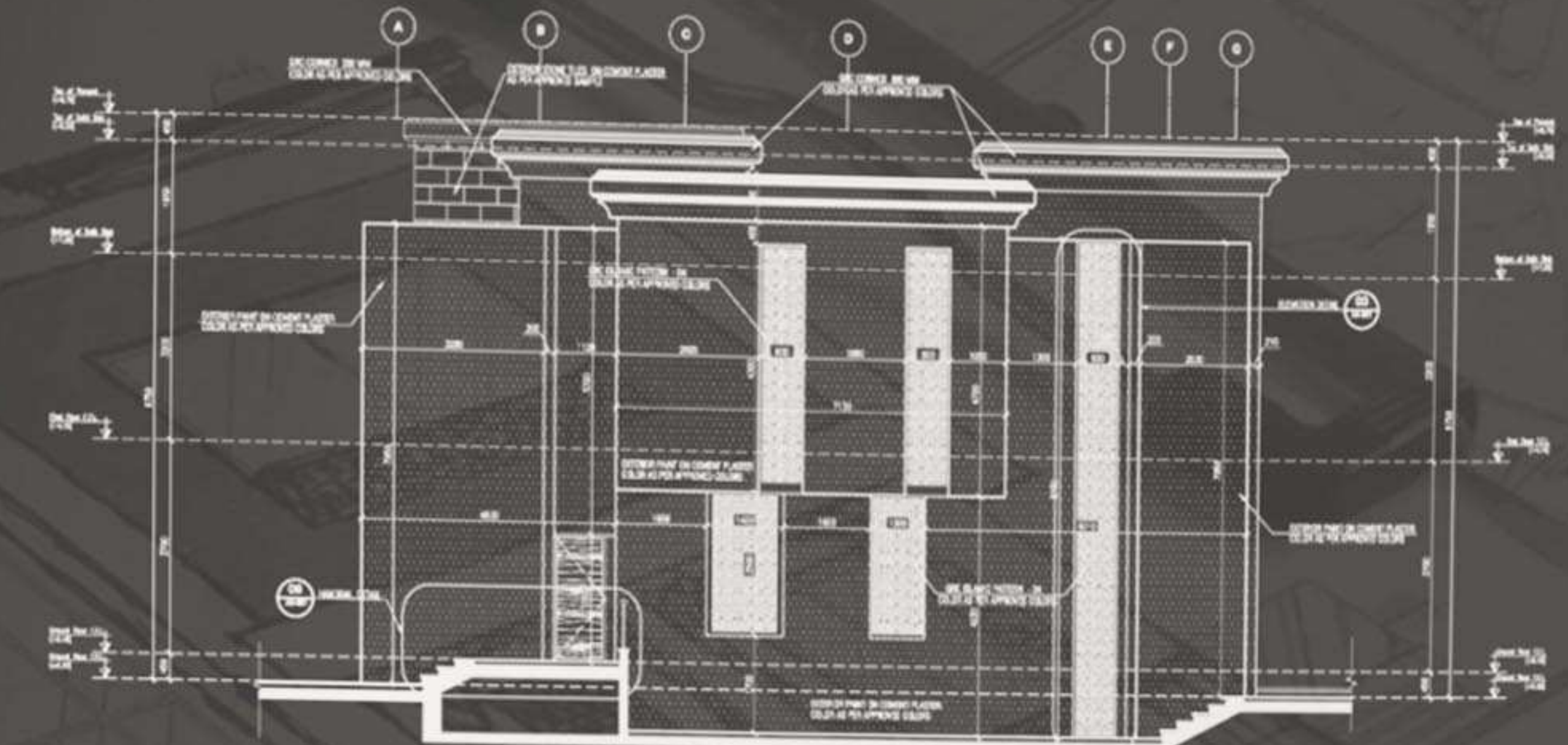


02. Back Elevation

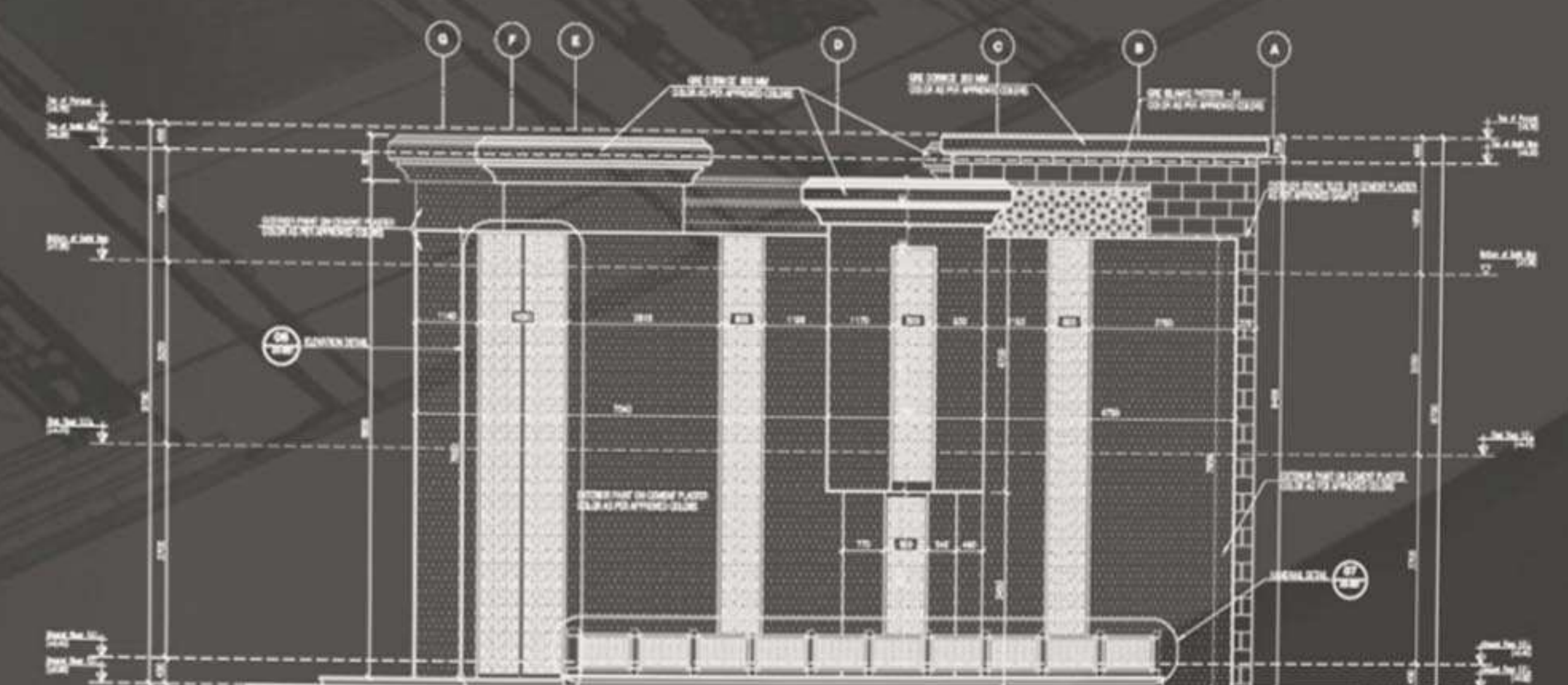


51

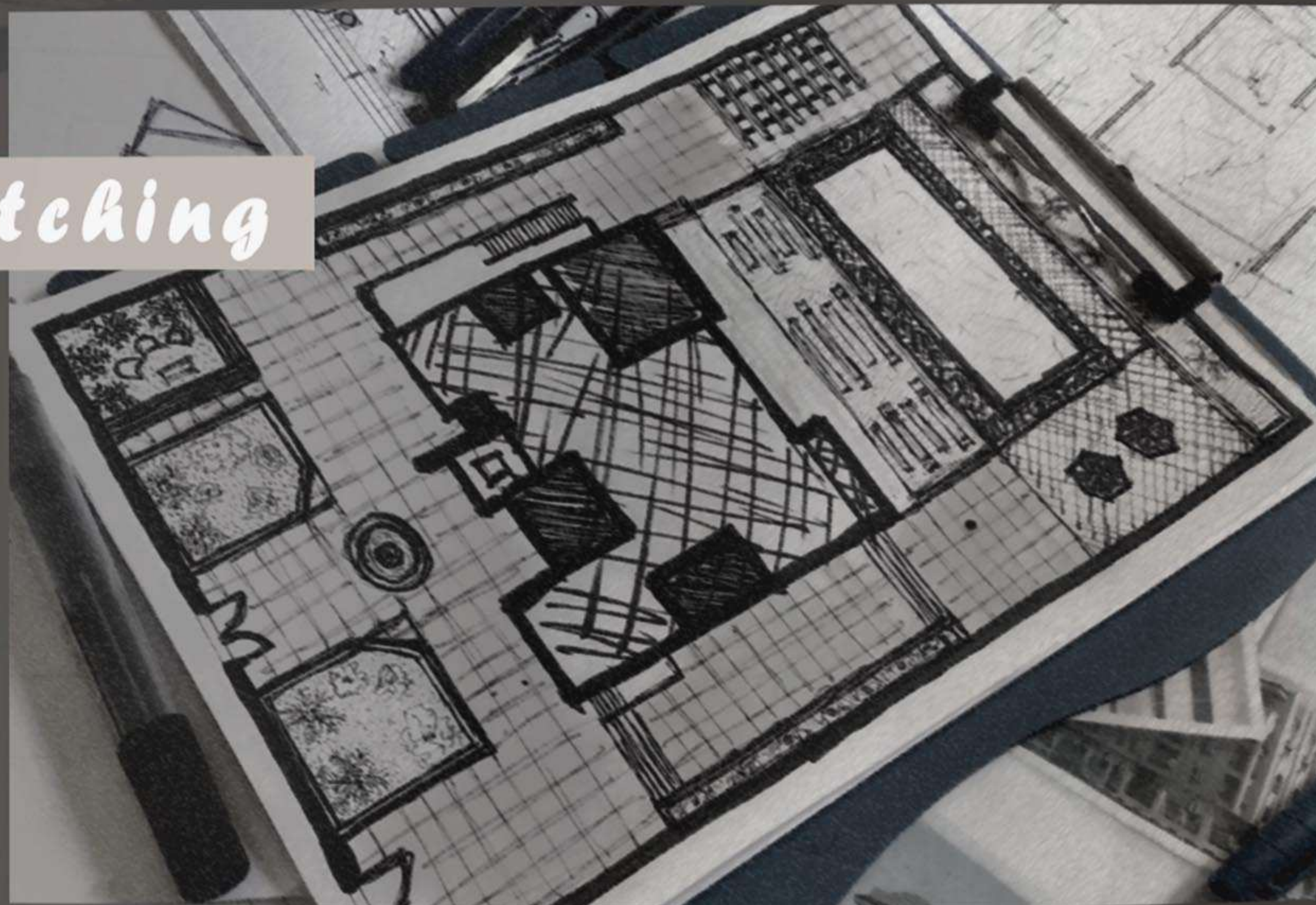
03. Right Elevation



04. Left Elevation



Sketching



53

Rendering



54

Inspiration...

Landscaping

Lighting Study

Façades Design

Material Selection

55

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57

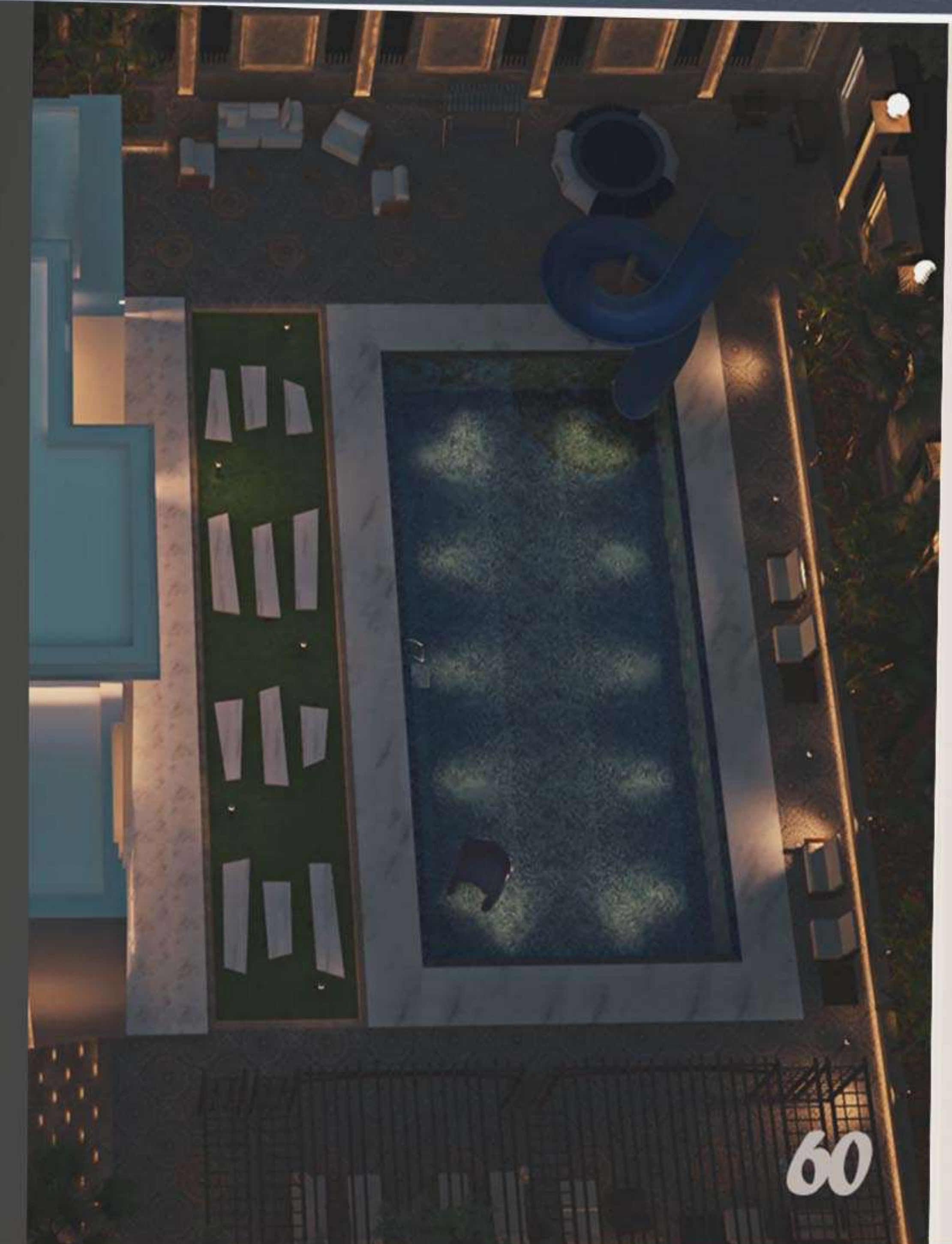


Model Renders

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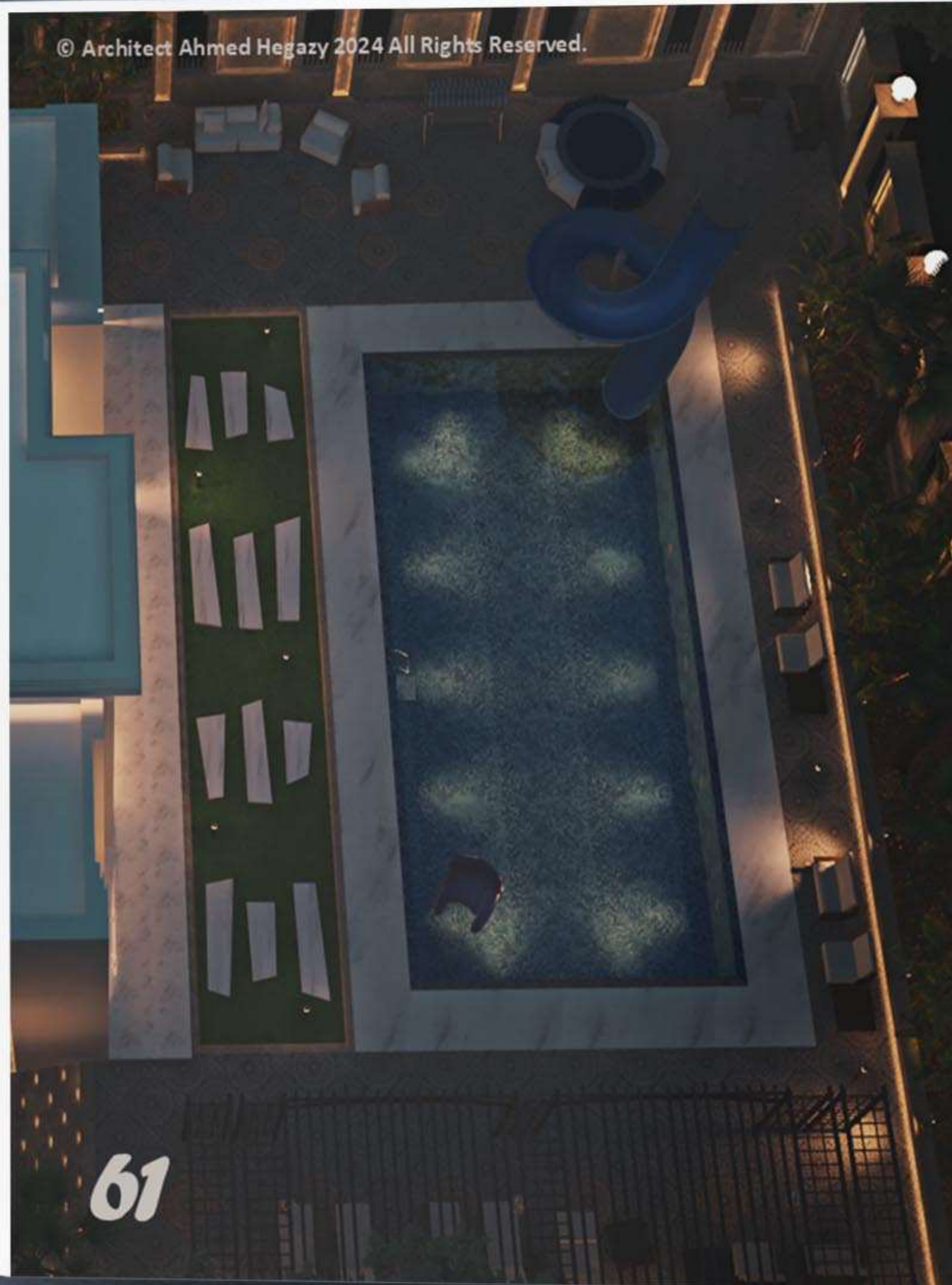


Model Renders



60

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61



Model Renders



06. El Hoda Private Schools

Local Modern Exterior

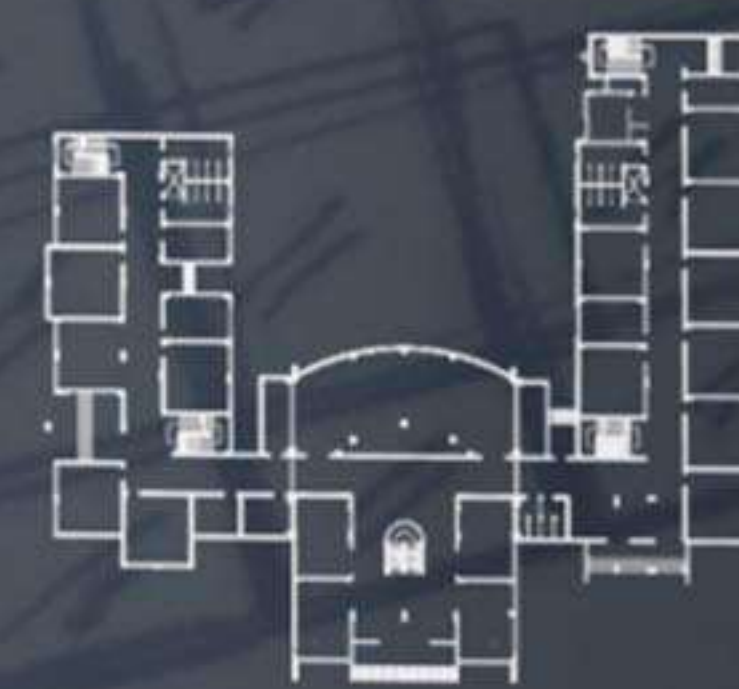
10th of Ramadhan, Egypt

Description ..

The challenge was About 9000 m2 of the total area for the project with 25% of the building's area, Client aims to have stunning, modern lines and unique local exterior design besides presenting landscape surrounding areas considering the sports areas, green spaces, pool area and using the local materials. So, the first thoughts were the full use of this area regarding all goals. Translating into:

1. Choosing exterior local finishing materials like; stone, paint, and aluminum cladding.
2. Use wide double glass materials for windows and doors.
3. Creating variant heights for the skyline with the building spaces.
4. Confirming the main elevation lines beside the entrance.
5. Making an impact contrast with materials to confirm the building activities.

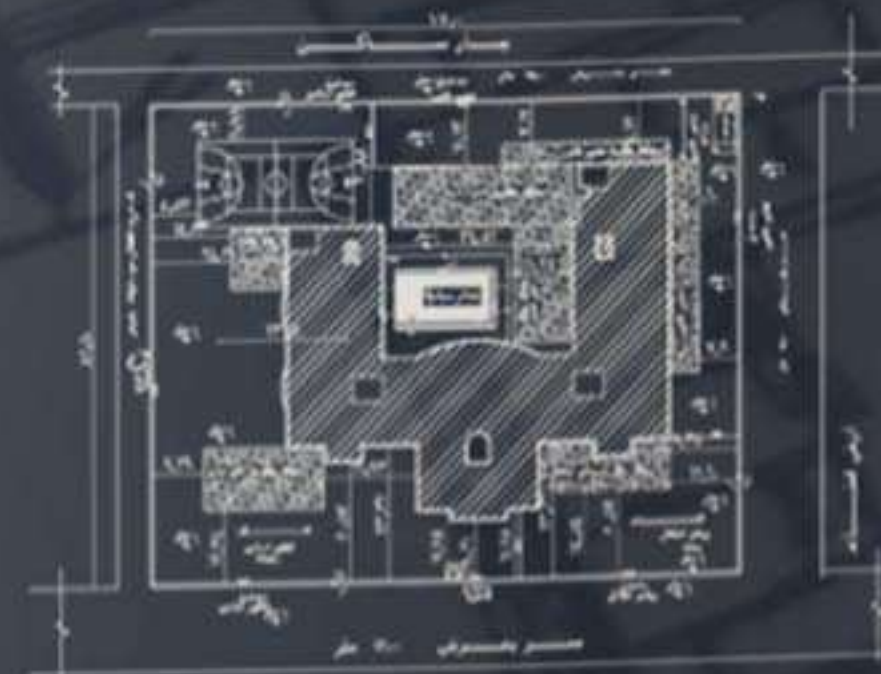
Plan Views ..



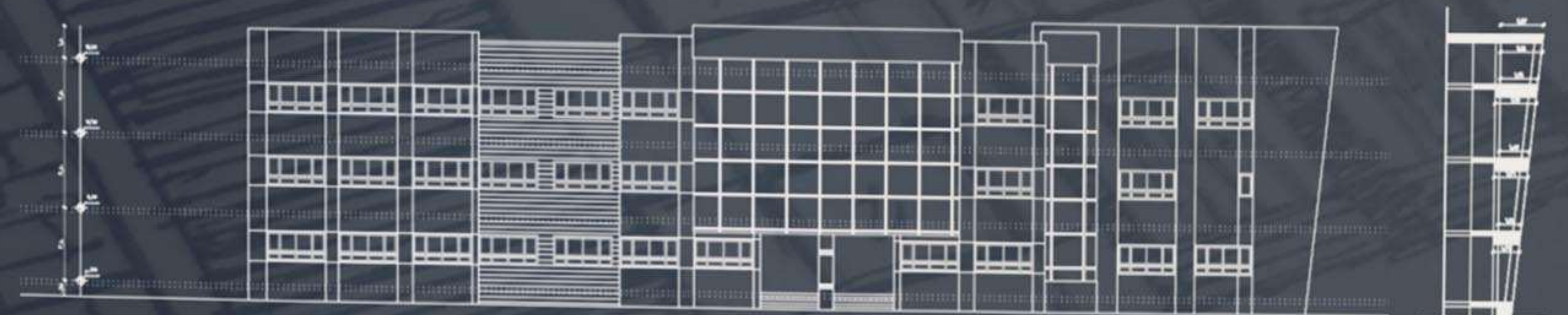
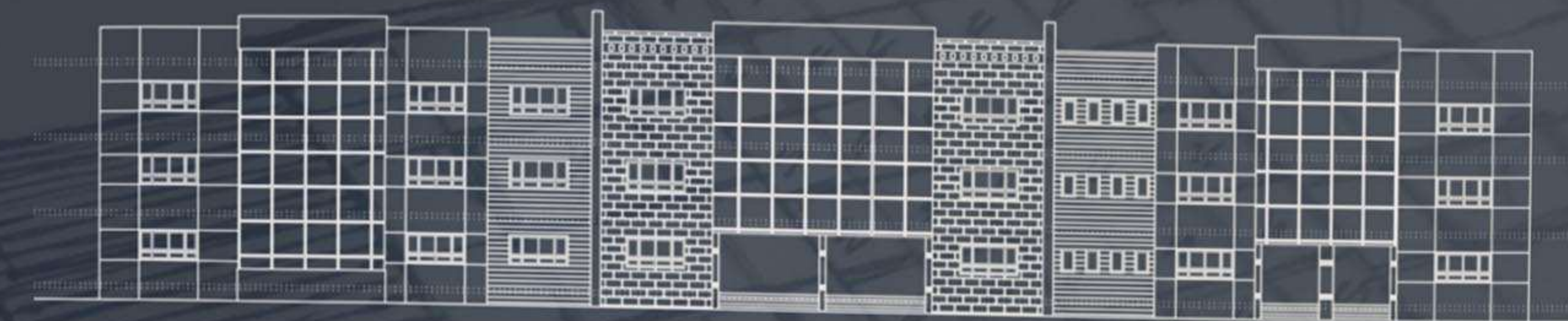
Ground Floor



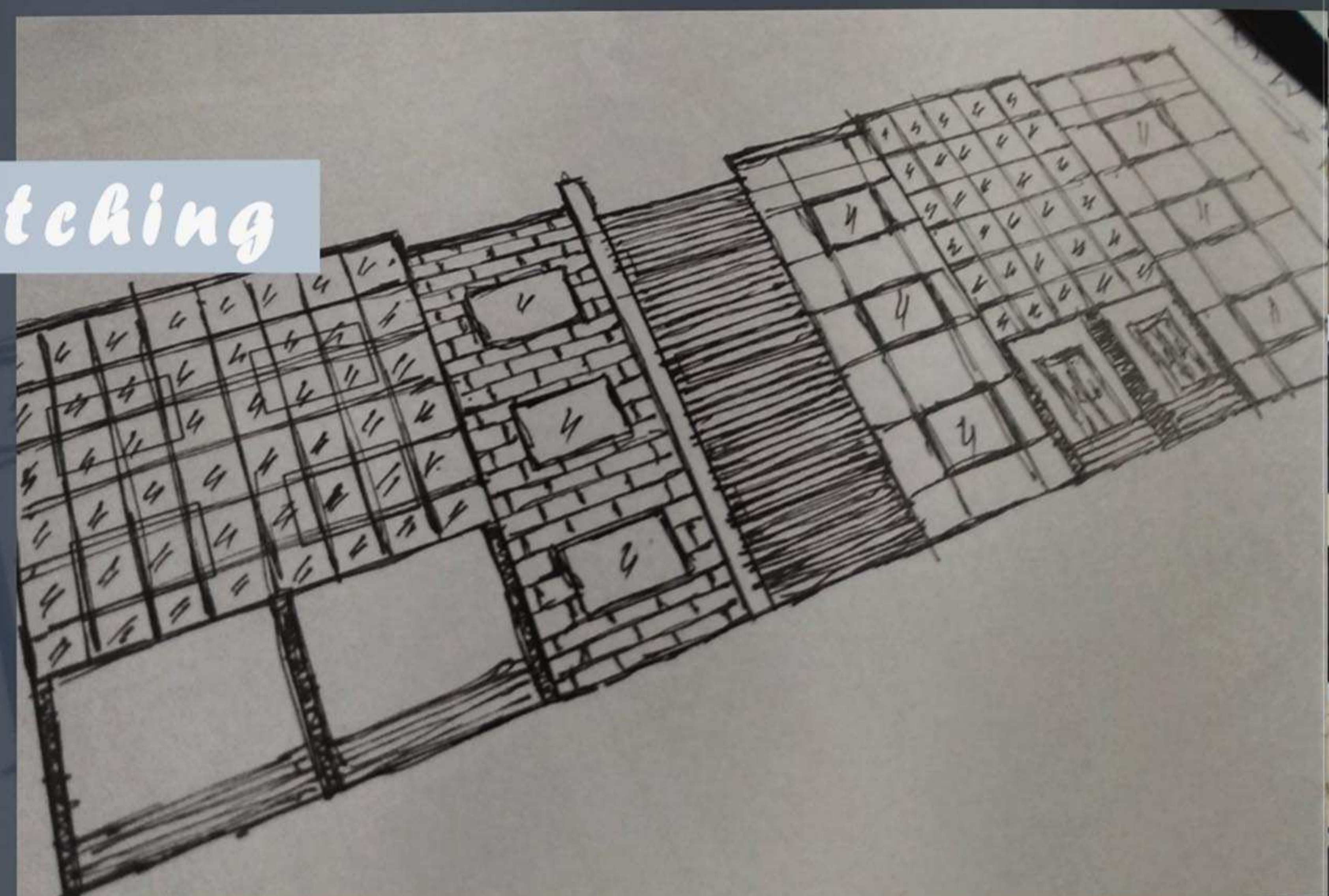
Repeated Floor



Layout



Sketching



67

Rendering



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68

educational...

Landscaping

Fence Design

Façades Design

Material Selection

Al Hoda Schools

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70





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Model Renders



Mall Square

Classic Villa

Medical Factory

Trading Company

Residential House

Private School

More To Explore

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Residential House



Supplements Shop

BiG-Bea

ش. الضخم للخدمات الغذائية



Outdoor Kiosk



Residential House



Residential House



Private Palace



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Architectural Technical Office

Shop Drawings, Coordination, Plan Solutions,
Schedules, Quantities, Legends etc.



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List Drawings

Architecture Drawing List

Sheet Number	Sheet Information	Sheet Name	Project Status
AR-0002	LEO0520-IFC-AR-0002	Architectural Sub Cover	Construction Drawings
AR-0003	LEO0520-IFC-AR-0003	Architectural Drawing List	Construction Drawings
AR-0004	LEO0520-IFC-AR-0004	Architectural General Notes	Construction Drawings
AR-1000	LEO0520-IFC-AR-1000	Site	Construction Drawings
AR-1001	LEO0520-IFC-AR-1001	GRD F.F.L. - PLAN	Construction Drawings
AR-1002	LEO0520-IFC-AR-1002	GRD F.F.L. - Furniture	Construction Drawings
AR-1003	LEO0520-IFC-AR-1003	1ST F.F.L. - PLAN	Construction Drawings
AR-1004	LEO0520-IFC-AR-1004	1ST F.F.L. - Furniture	Construction Drawings
AR-1005	LEO0520-IFC-AR-1005	2ND F.F.L. - PLAN	Construction Drawings
AR-1006	LEO0520-IFC-AR-1006	2ND F.F.L. - Furniture	Construction Drawings
AR-2001	LEO0520-IFC-AR-2001	North & East Elevations	Construction Drawings
AR-2002	LEO0520-IFC-AR-2002	South & West Elevations	Construction Drawings
AR-2003	LEO0520-IFC-AR-2003	Sections	Construction Drawings
AR-4002	LEO0520-IFC-AR-4002	Stairs	Construction Drawings
AR-5001	LEO0520-IFC-AR-5001	WET AREA	Construction Drawings
AR-5002	LEO0520-IFC-AR-5002	WET AREA	Construction Drawings
AR-7001	LEO0520-IFC-AR-7001	Architectural Wall Section	Construction Drawings
AR-7002	LEO0520-IFC-AR-7002	Architectural Wall Section	Construction Drawings
AR-0000		CONSTRUCTION DRAWINGS	Construction Drawings

General Notes

SECTION A-A

SECTION B-B

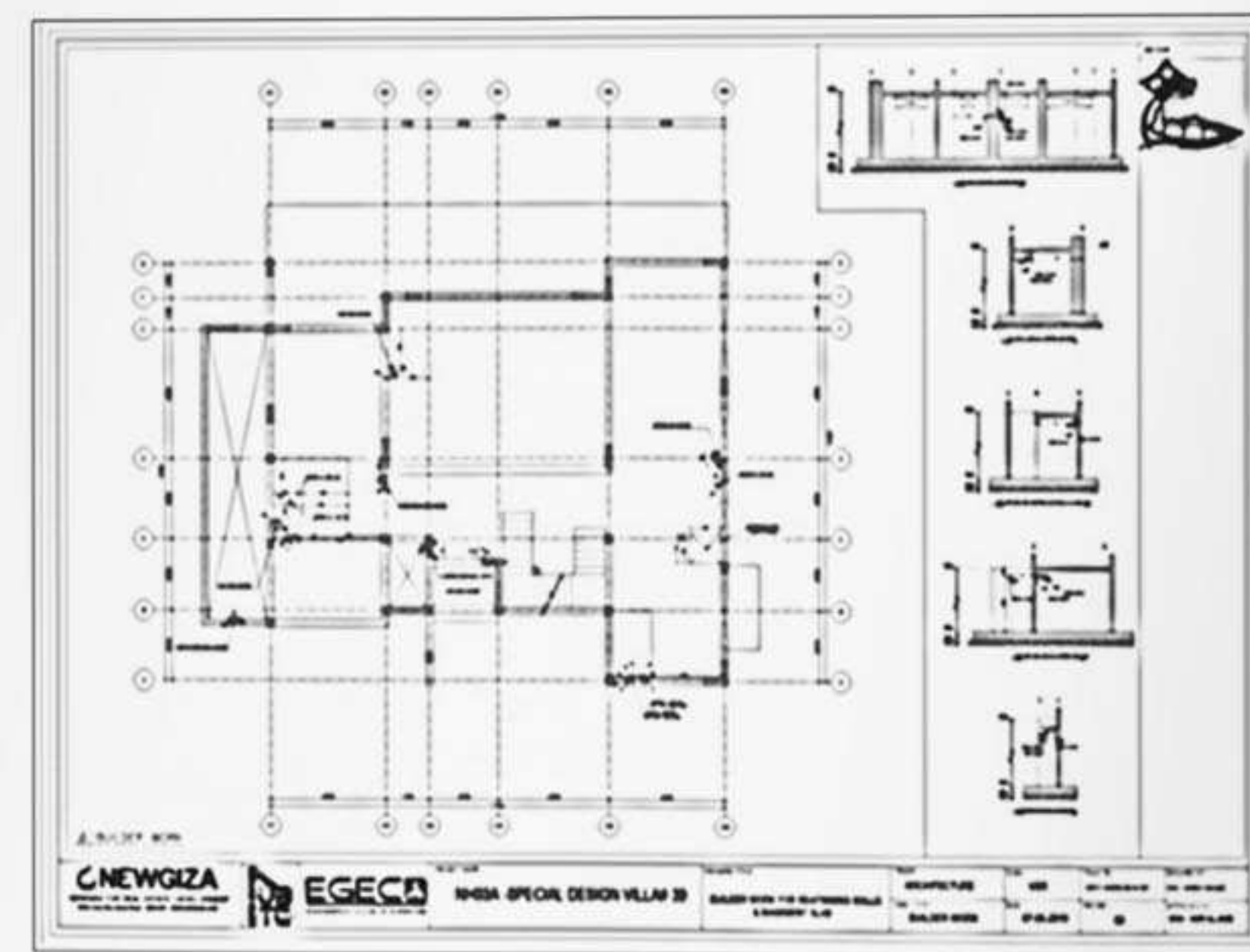
GN-000

AR-000

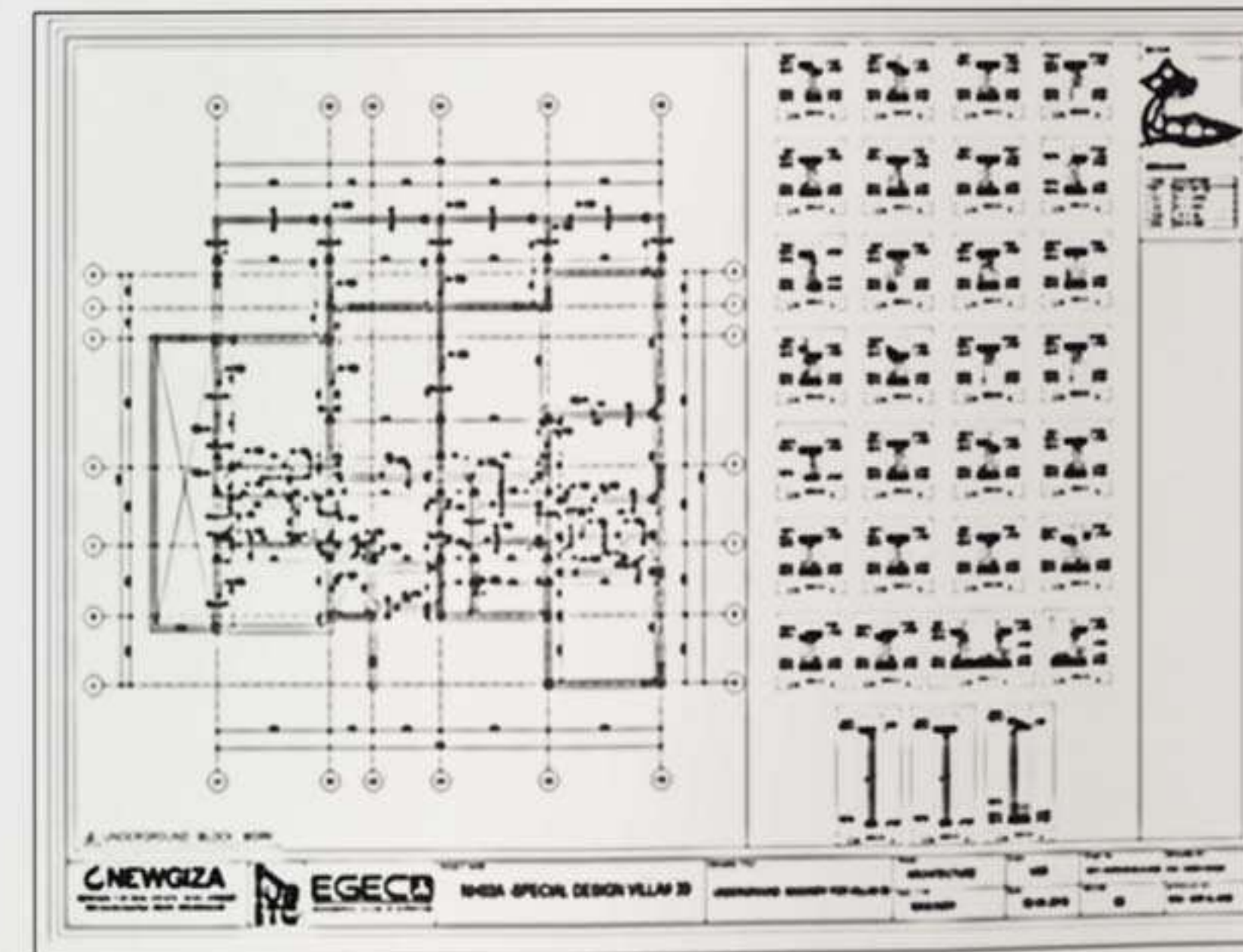
AR CODE	DESCRIPTION
AR-0000	GENERAL
AR-1000	GRD F.F.L. - PLAN
AR-1001	GRD F.F.L. - Furniture
AR-1002	1ST F.F.L. - PLAN
AR-1003	1ST F.F.L. - Furniture
AR-1004	2ND F.F.L. - PLAN
AR-1005	2ND F.F.L. - Furniture
AR-2001	North & East Elevations
AR-2002	South & West Elevations
AR-2003	Sections
AR-4002	Stairs
AR-5001	WET AREA
AR-5002	WET AREA
AR-7001	Architectural Wall Section
AR-7002	Architectural Wall Section
AR-0000	CONSTRUCTION DRAWINGS

Core Shell invoices Coordination, Shop Drawings, Quantity Surveying and as Built.

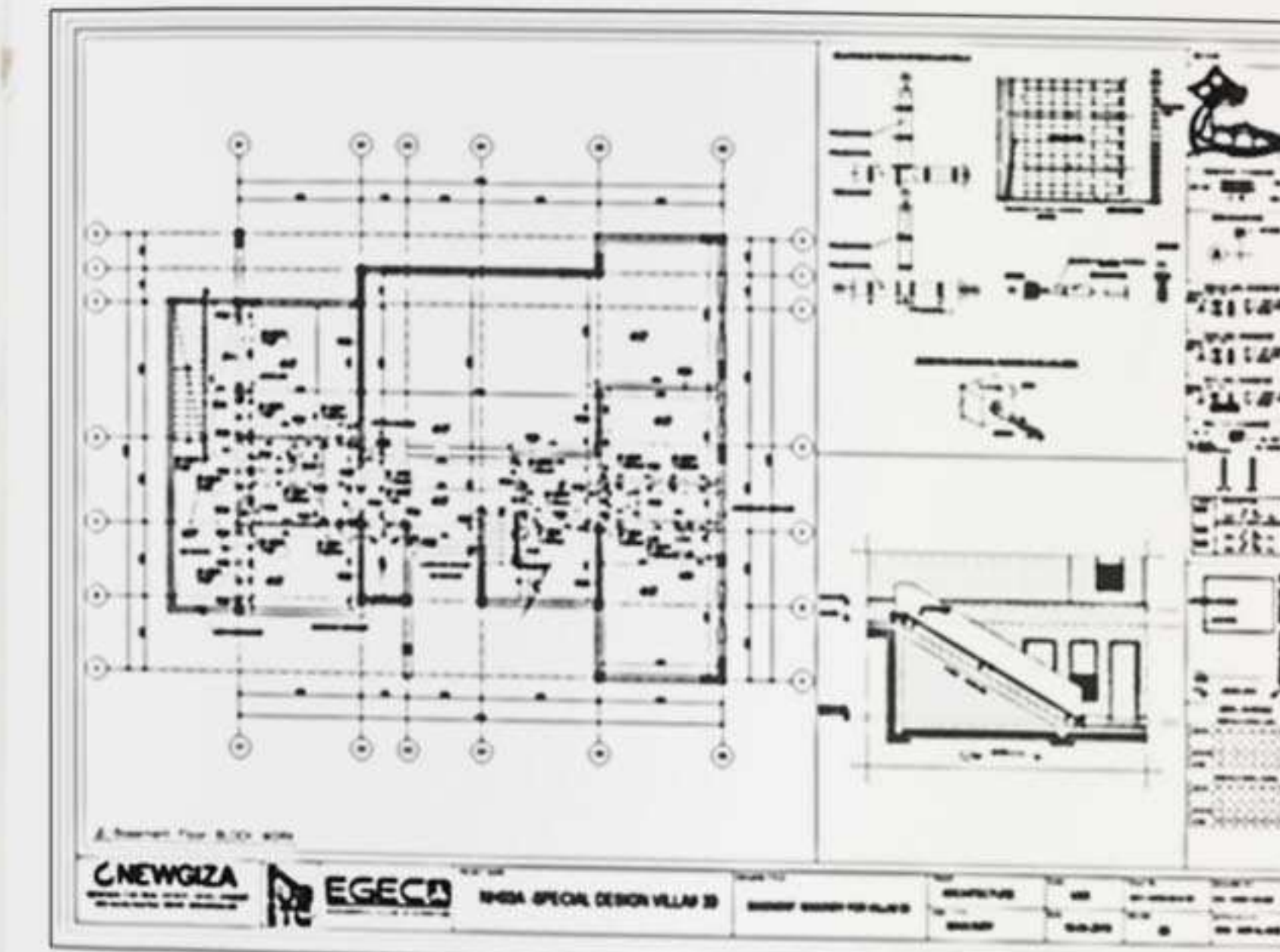
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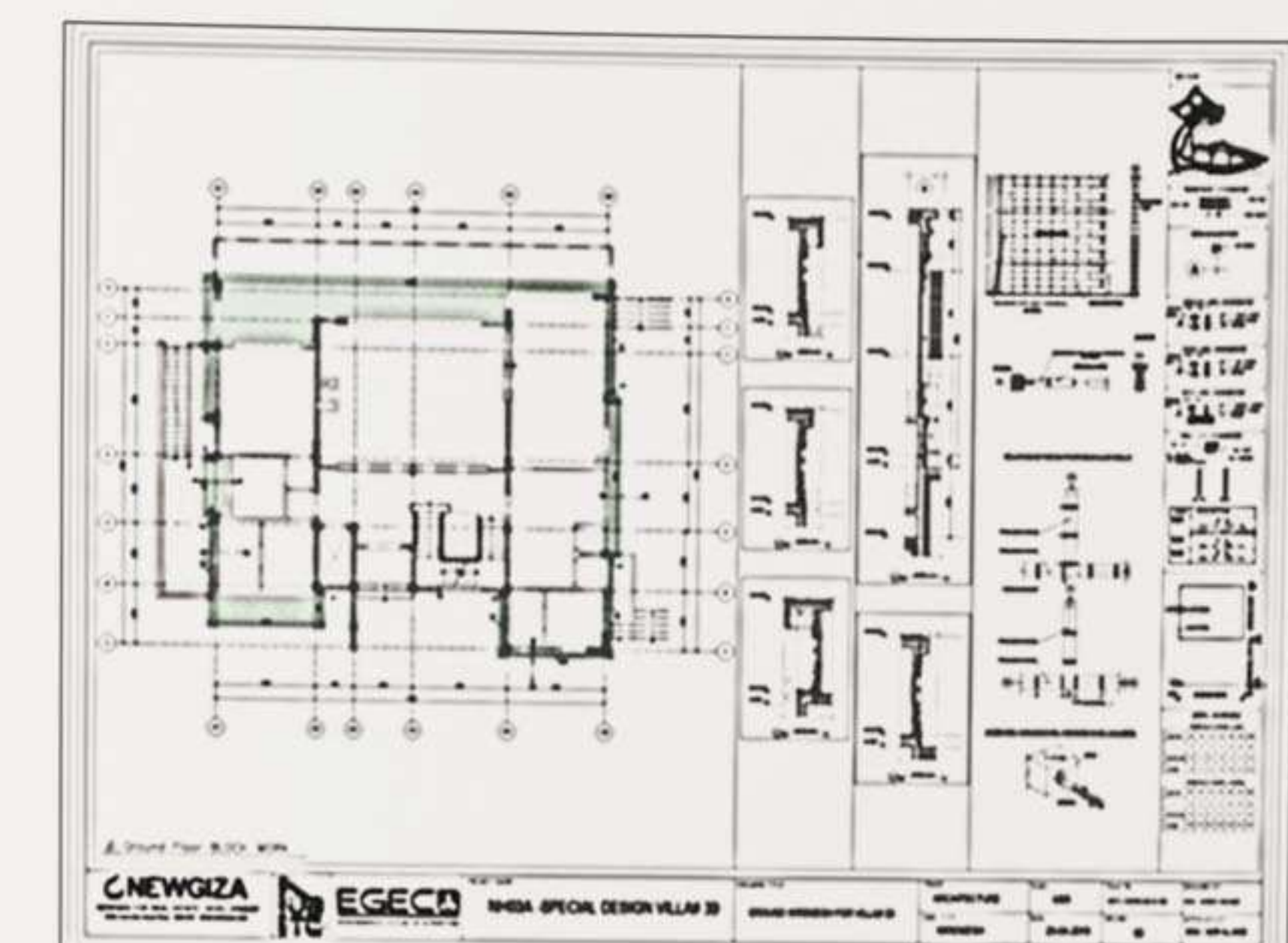
Builder Work



Under Ground Masonry SD



Basement Masonry SD



Wire Mesh SD

QS Submittal

Item No.	Description	Quantity	Unit	Price
1	Concrete	100	m³	100
2	Reinforcement	100	m³	100
3	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
4	Concrete	100	m³	100
5	Reinforcement	100	m³	100
6	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
7	Concrete	100	m³	100
8	Reinforcement	100	m³	100
9	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
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11	Reinforcement	100	m³	100
12	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
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14	Reinforcement	100	m³	100
15	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
16	Concrete	100	m³	100
17	Reinforcement	100	m³	100
18	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
19	Concrete	100	m³	100
20	Reinforcement	100	m³	100
21	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
22	Concrete	100	m³	100
23	Reinforcement	100	m³	100
24	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
25	Concrete	100	m³	100
26	Reinforcement	100	m³	100
27	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
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29	Reinforcement	100	m³	100
30	Formwork	100	m²	100

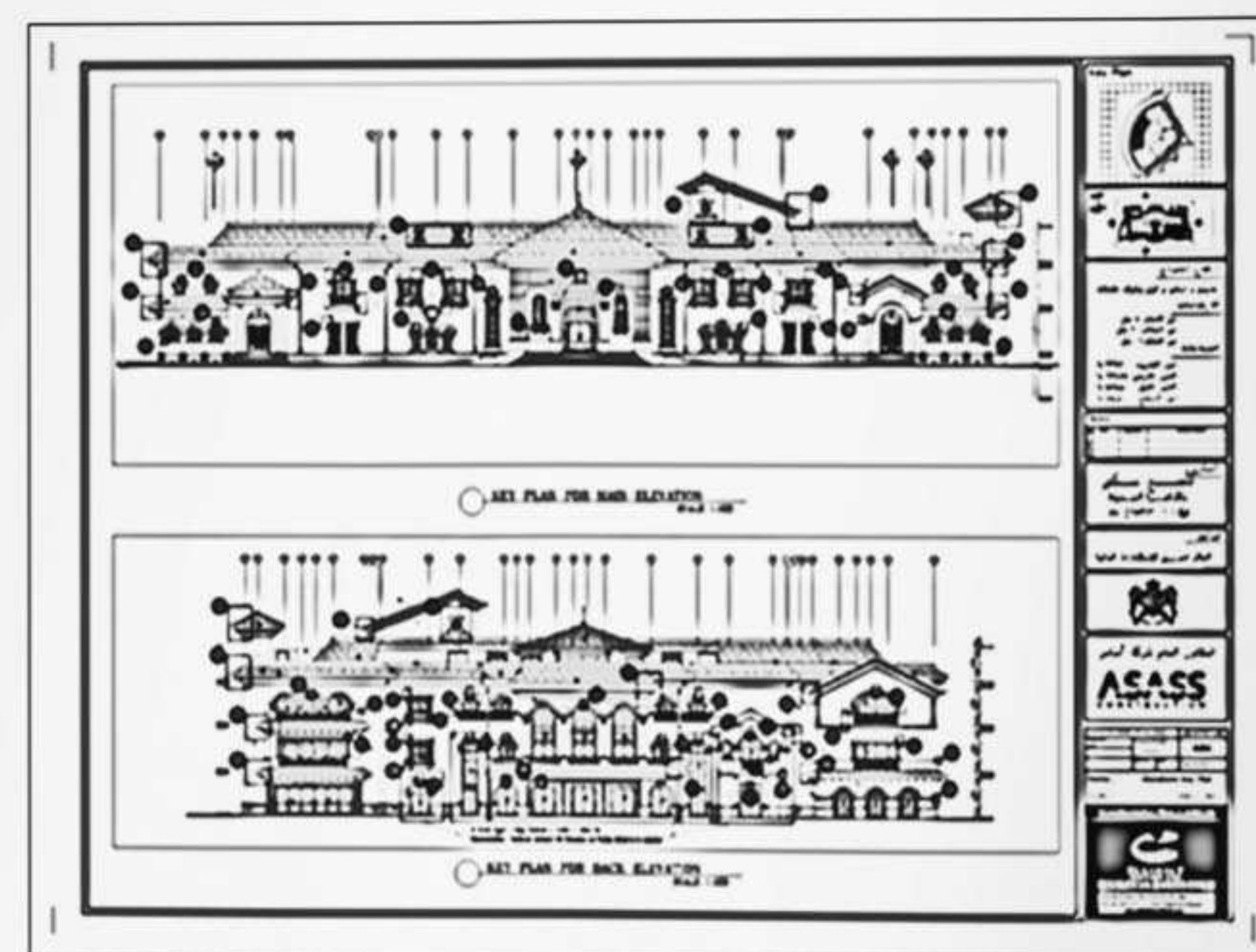
Item No.	Description	Quantity	Unit	Price
31	Concrete	100	m³	100
32	Reinforcement	100	m³	100
33	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
34	Concrete	100	m³	100
35	Reinforcement	100	m³	100
36	Formwork	100	m²	100

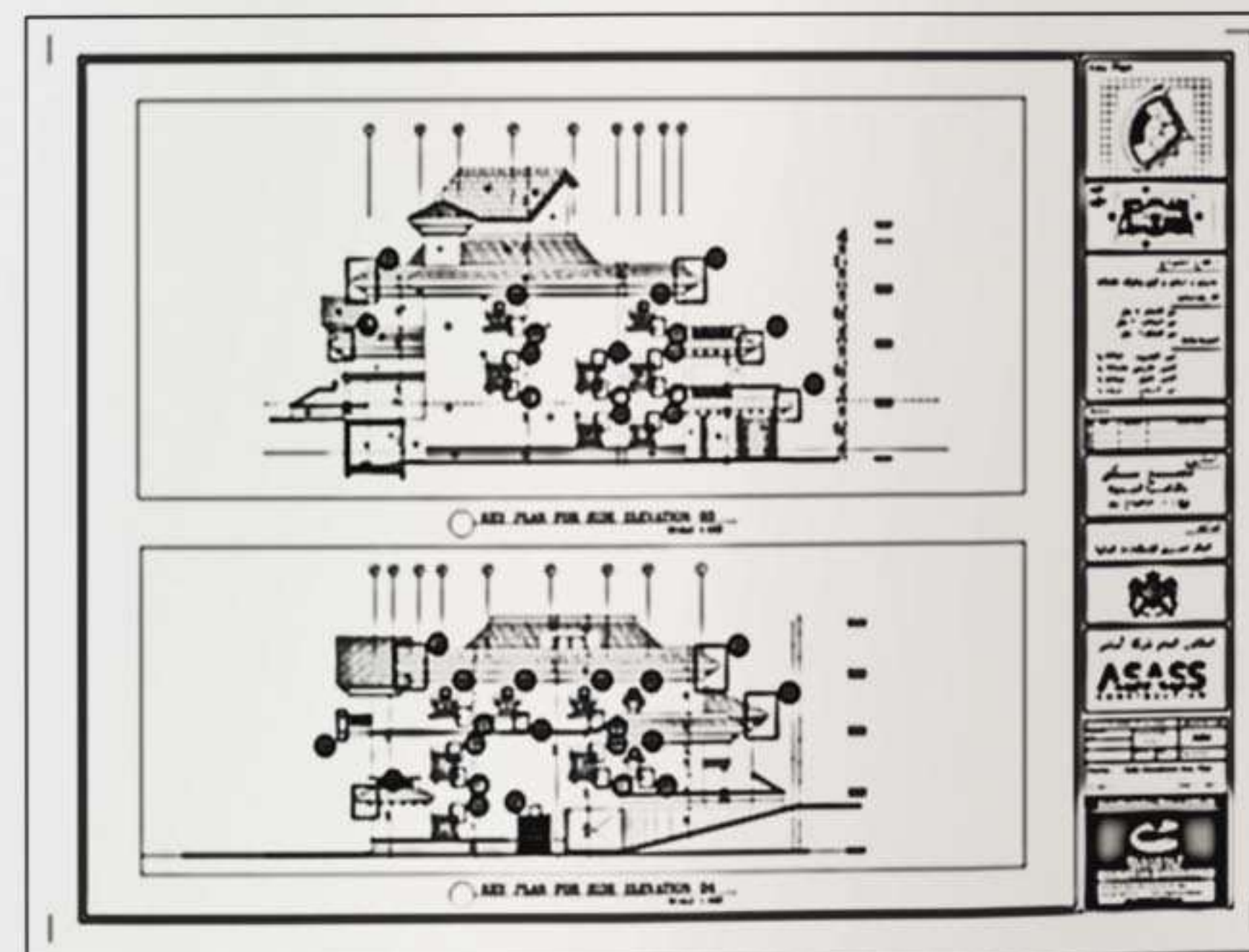
Item No.	Description	Quantity	Unit	Price
37	Concrete	100	m³	100
38	Reinforcement	100	m³	100
39	Formwork	100	m²	100

Item No.	Description	Quantity	Unit	Price
40	Concrete	100	m³	100
41	Reinforcement	100	m³	100
42	Formwork	100	m²	100

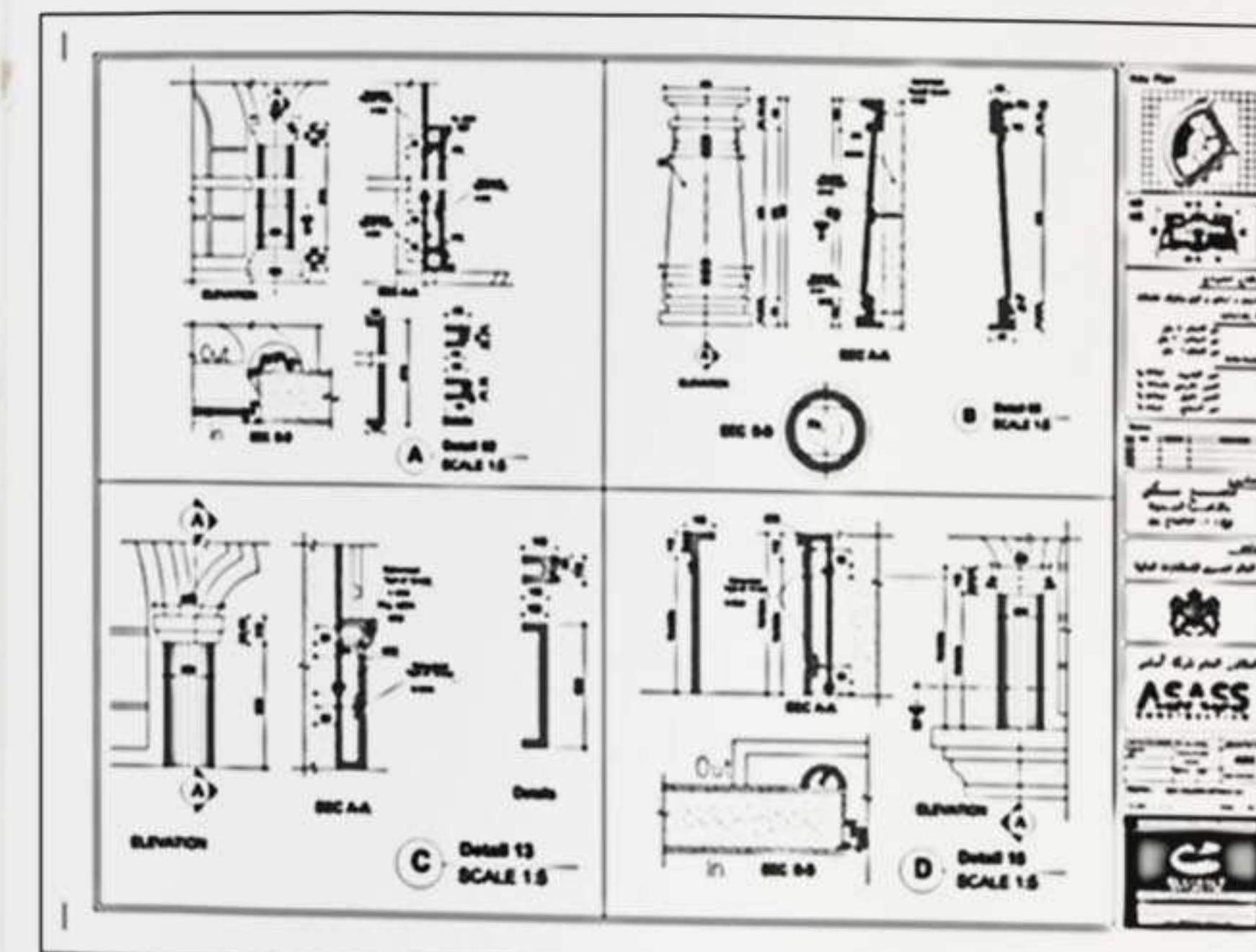
Exterior GRC 3D Models, Shop Drawings, Quantity Surveying, and as Built.



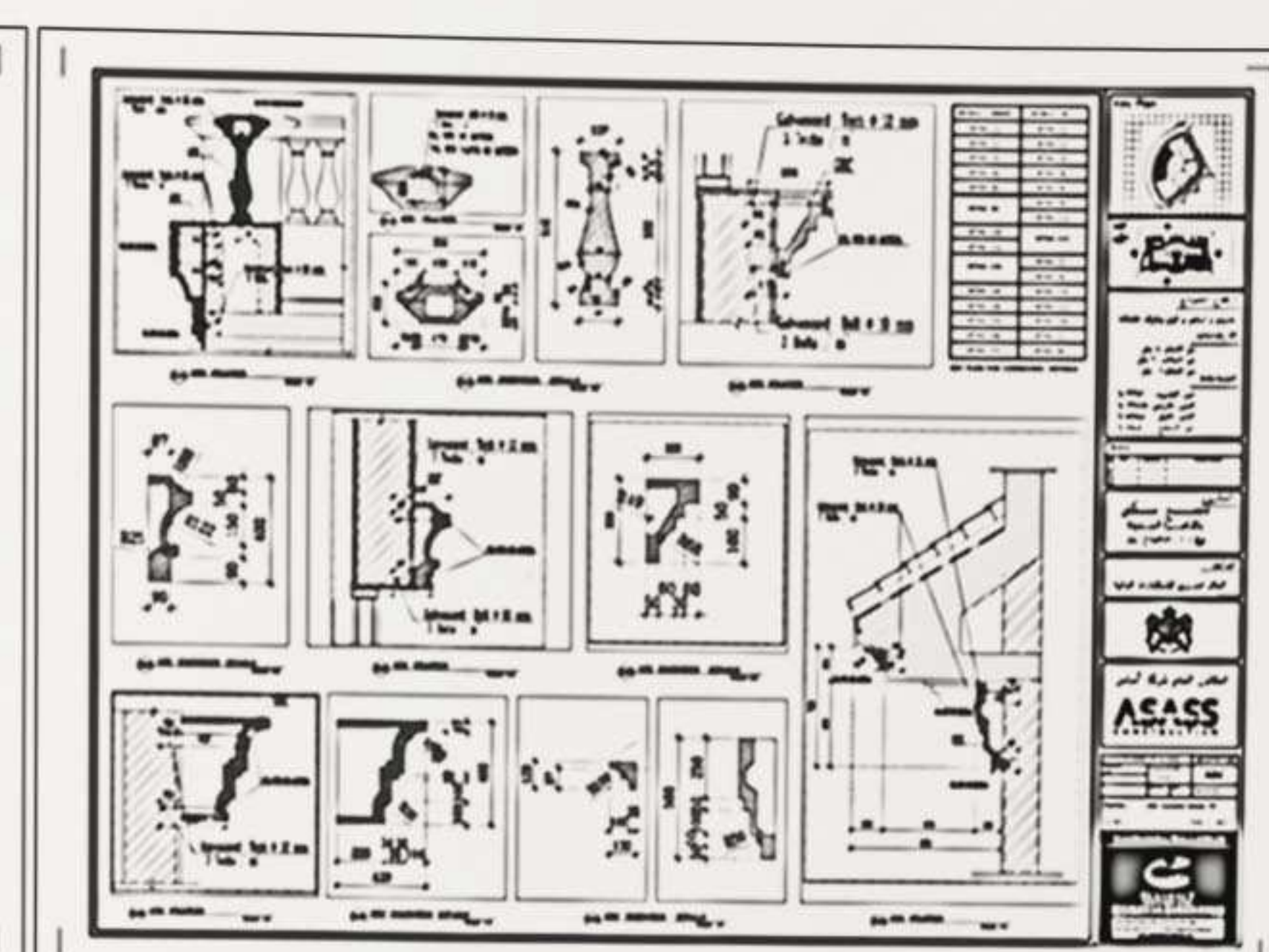
GRC SD - Elevations



GRC SD - Elevations



GRC SD - Details



GRC SD - Details

89

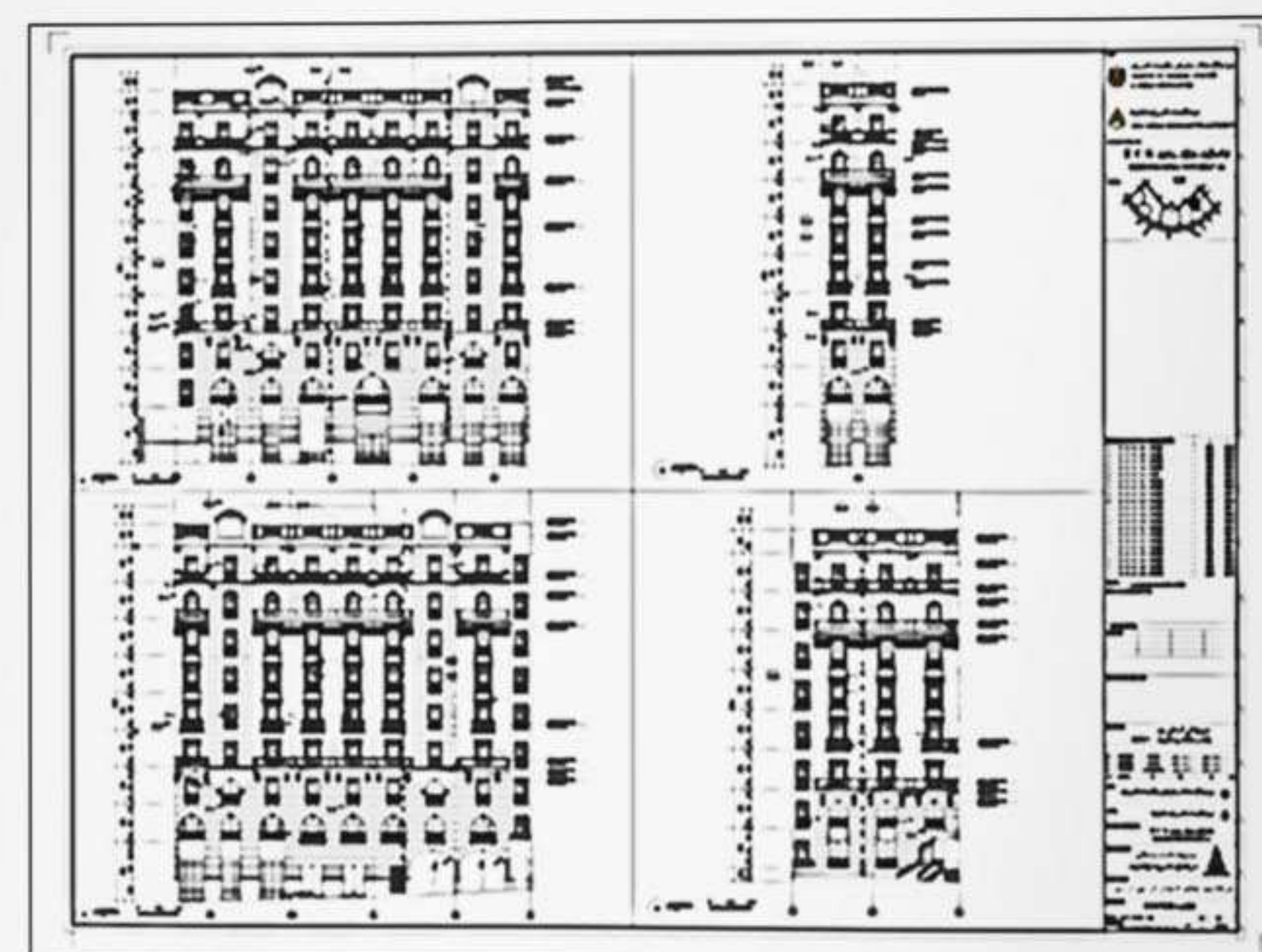
3D Models
Realistic Renders



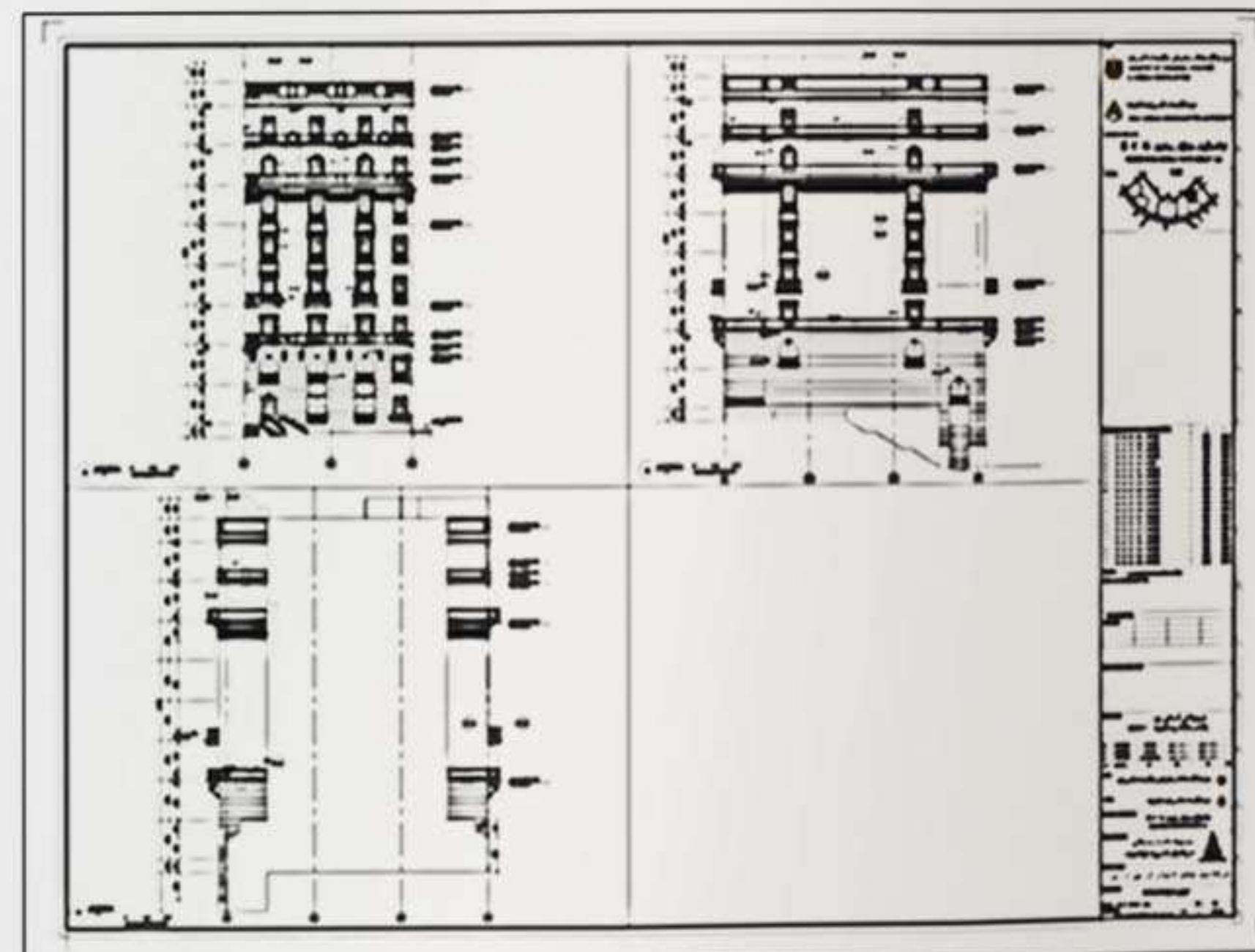
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Exterior GRC Shop Drawings and Quantity Surveying.

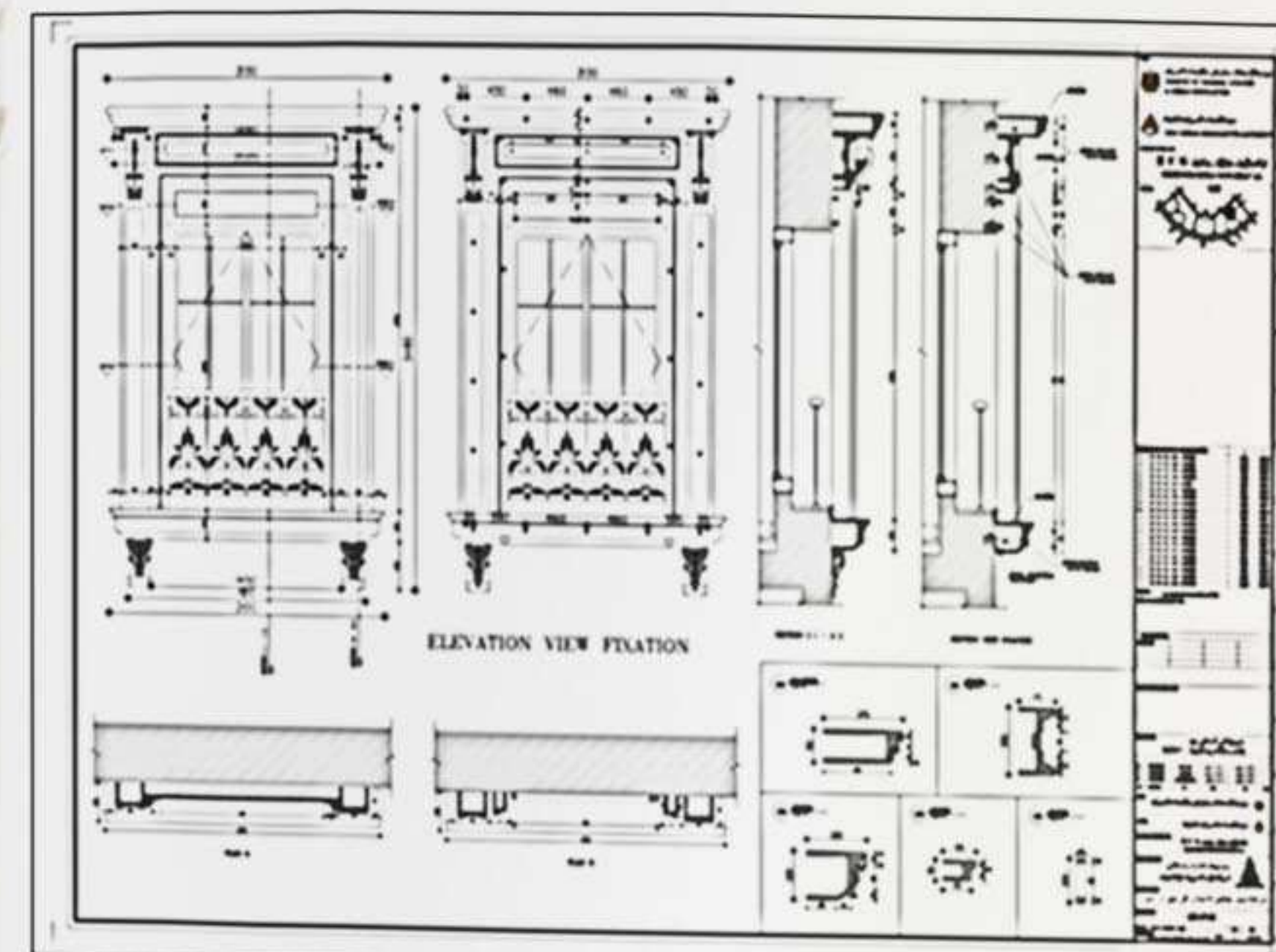
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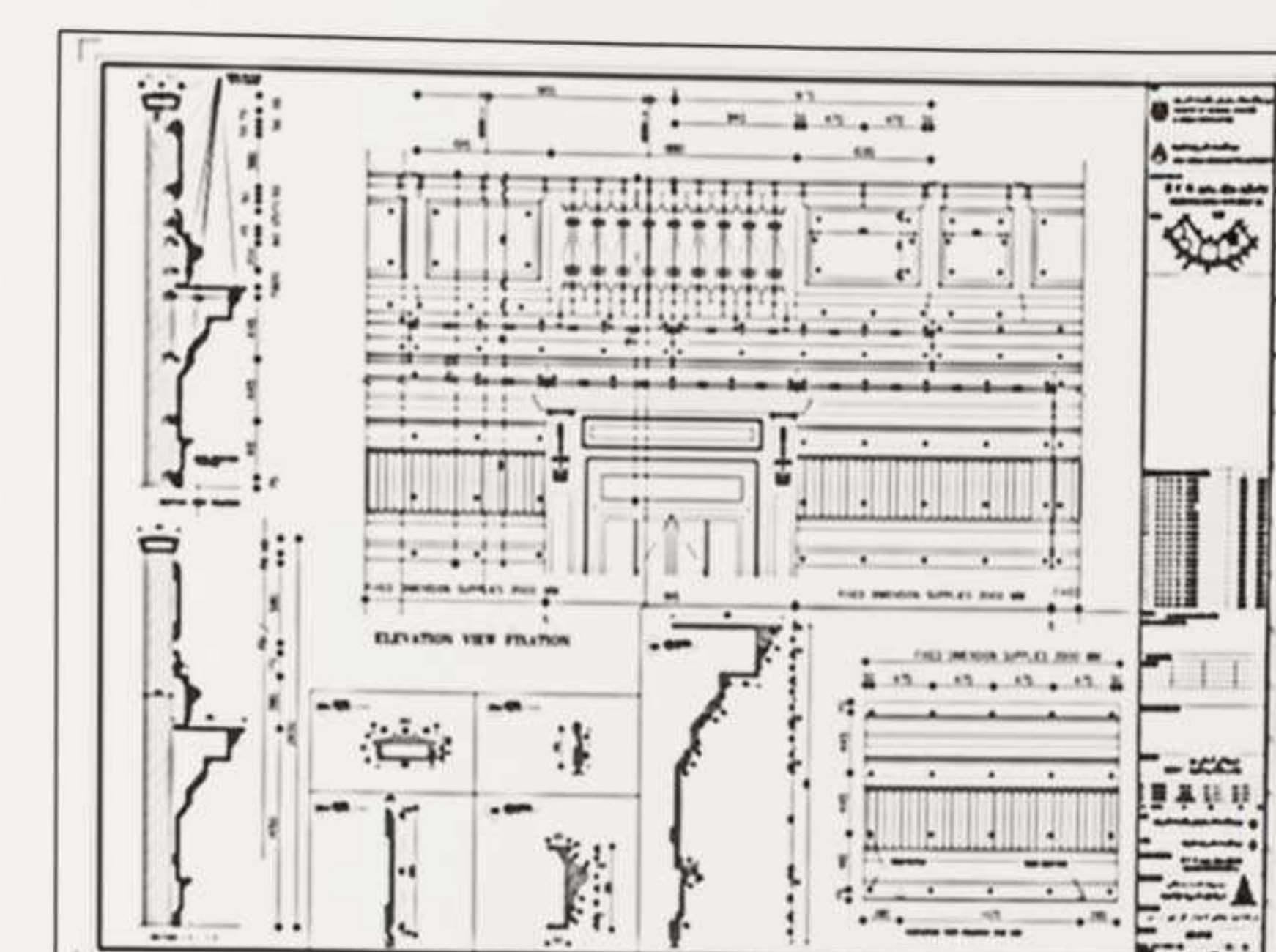
GRC SD - Elevations



GRC SD - Elevations



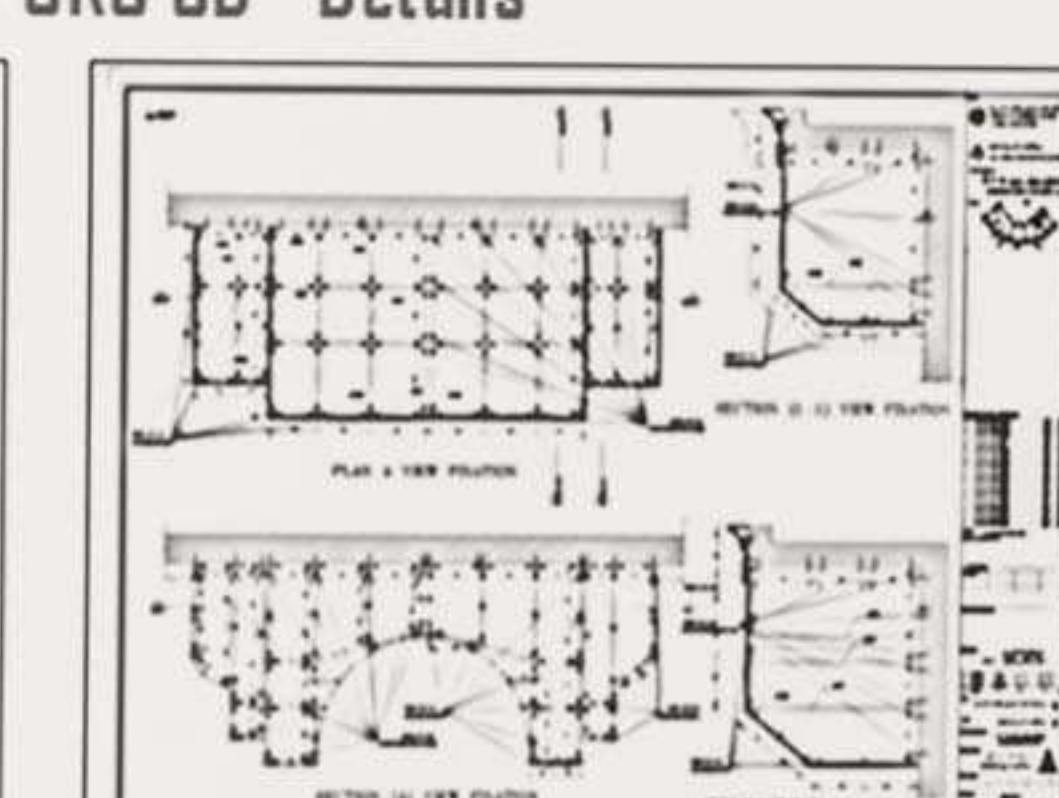
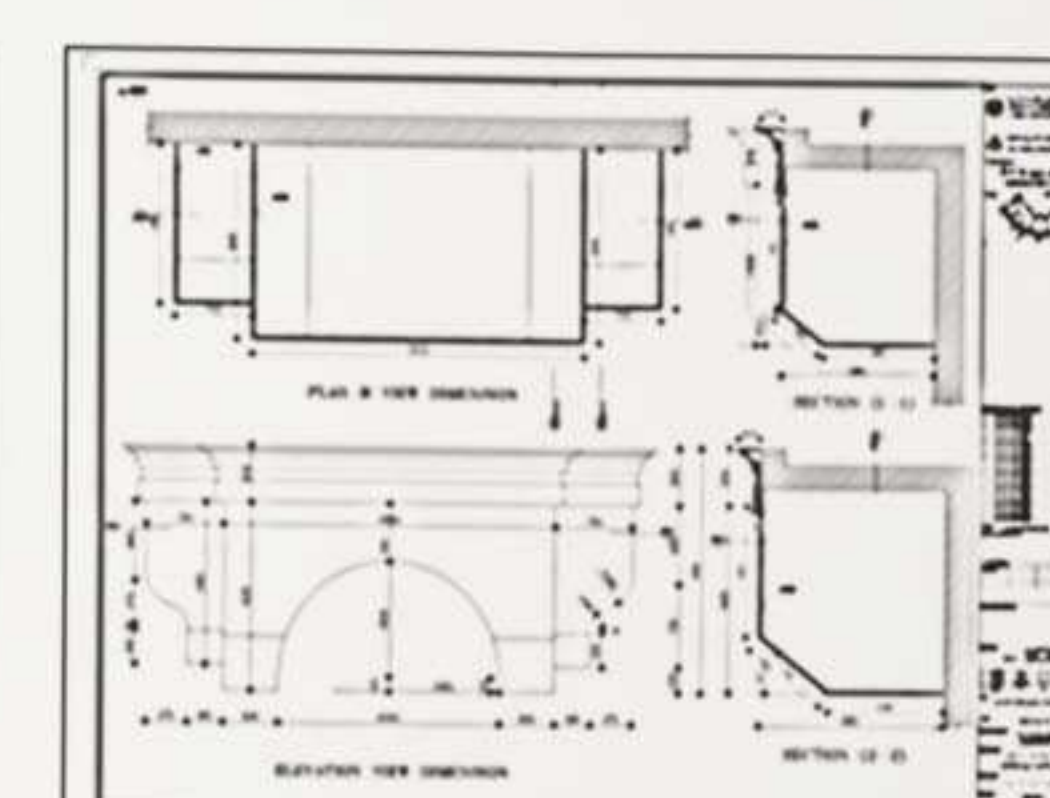
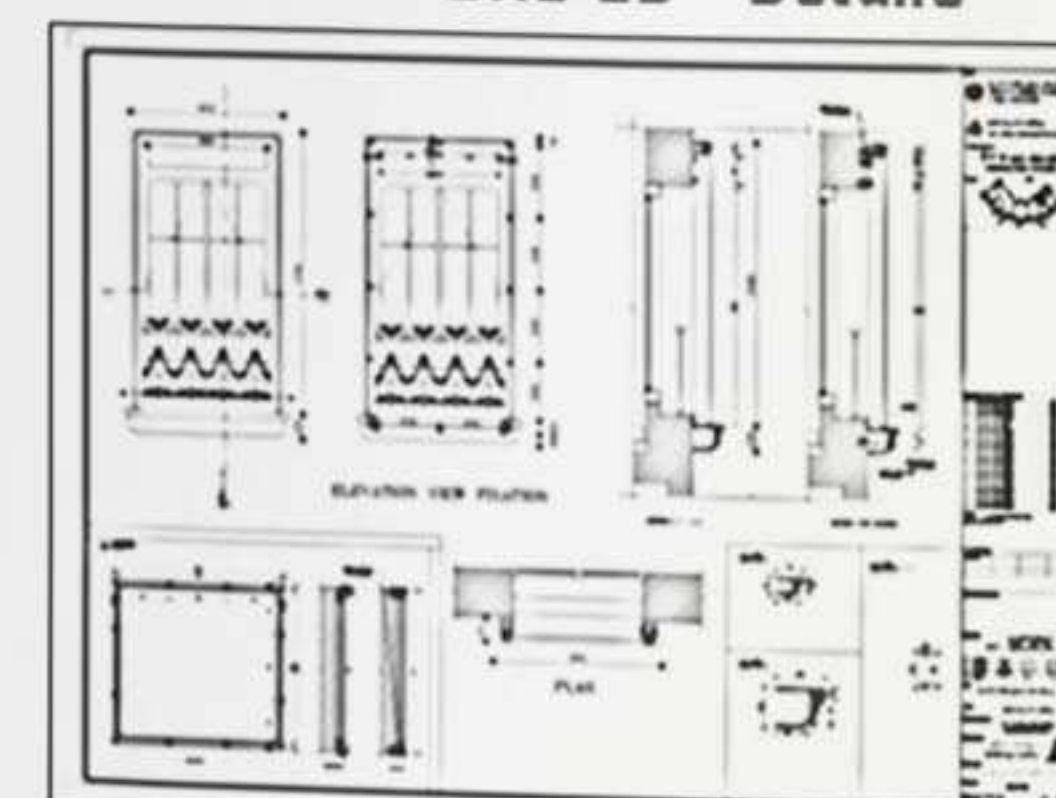
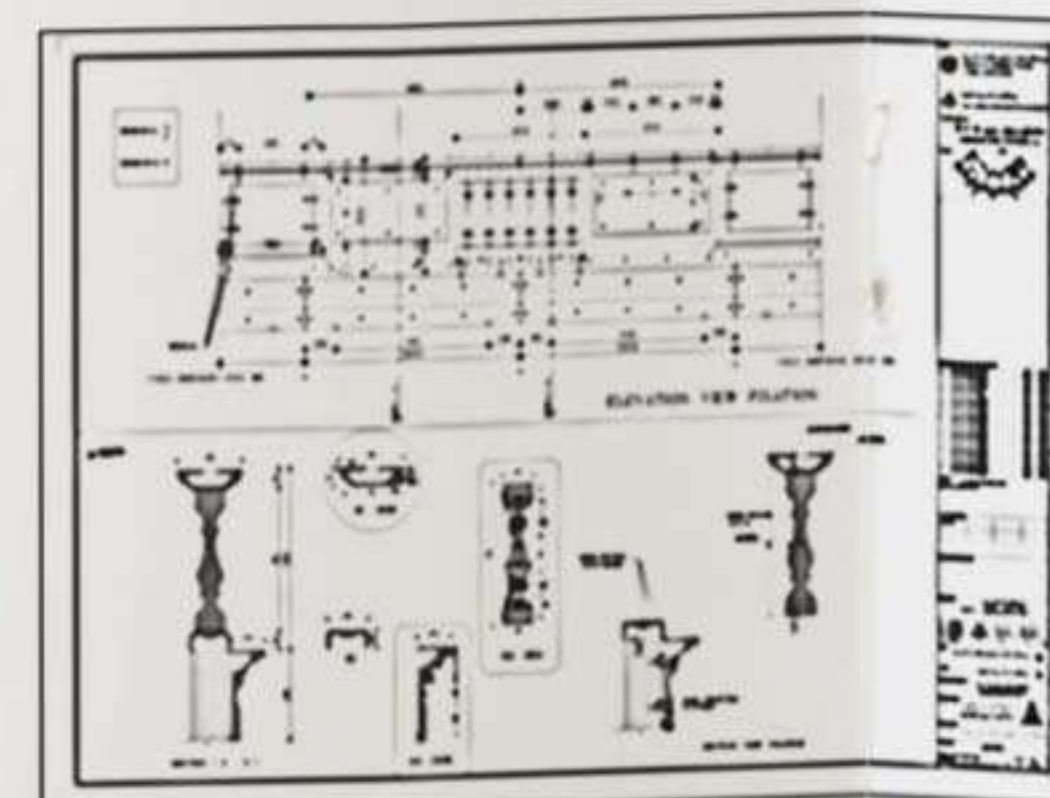
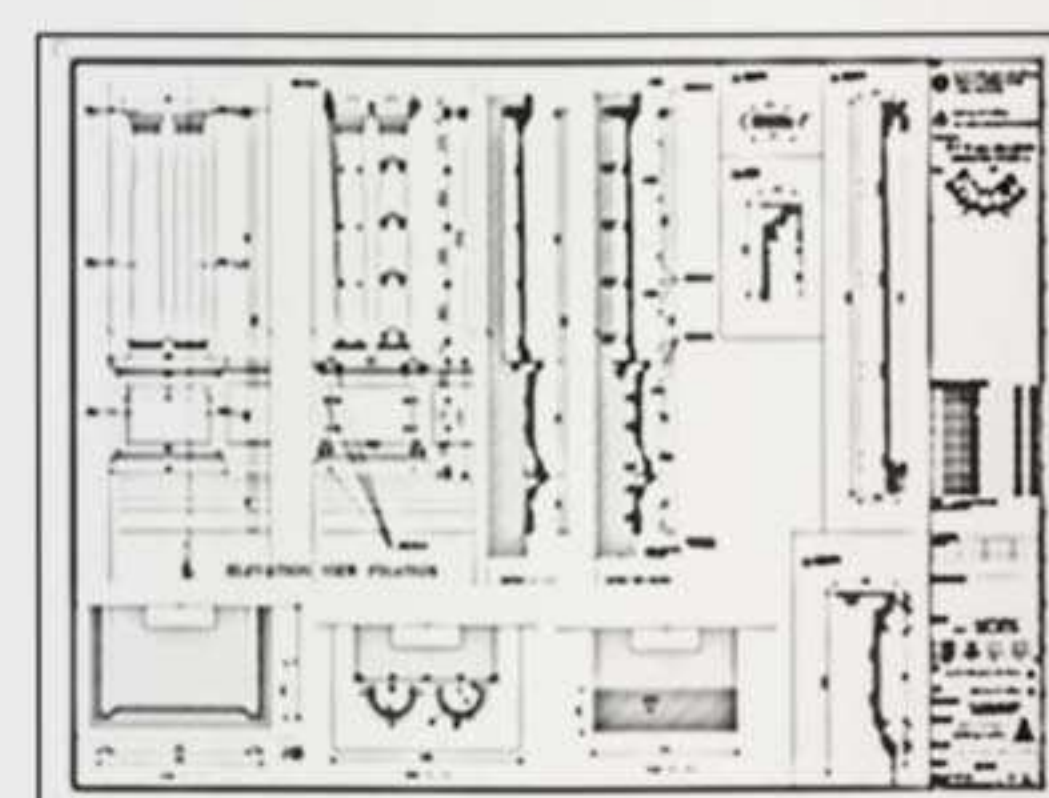
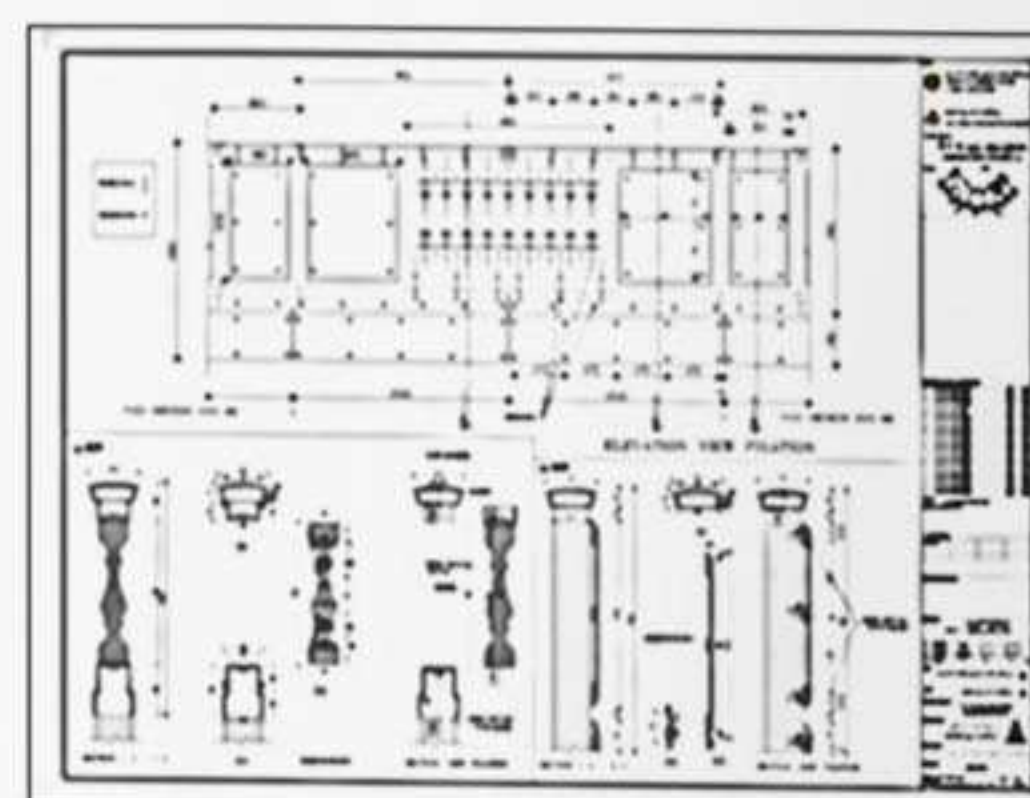
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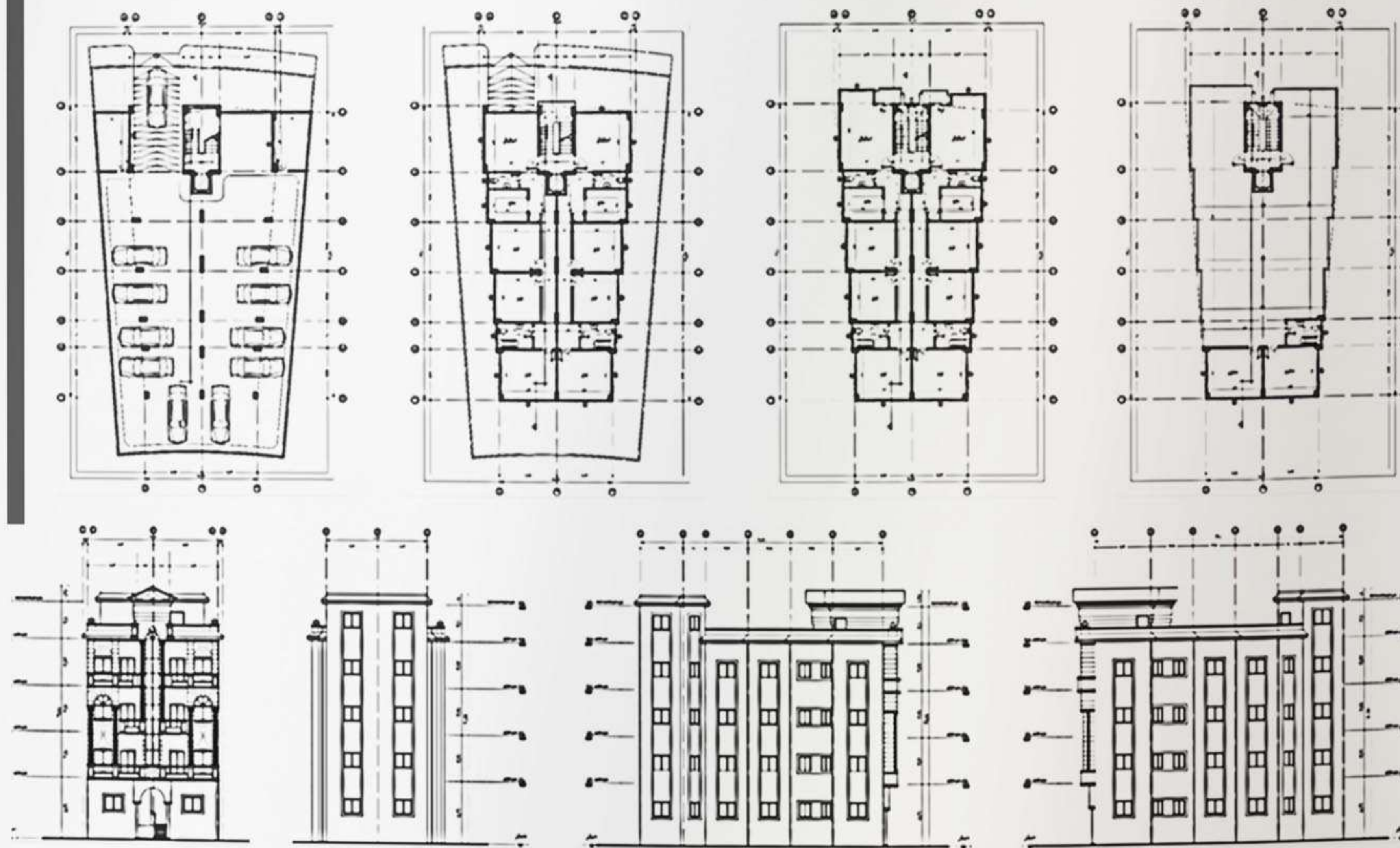
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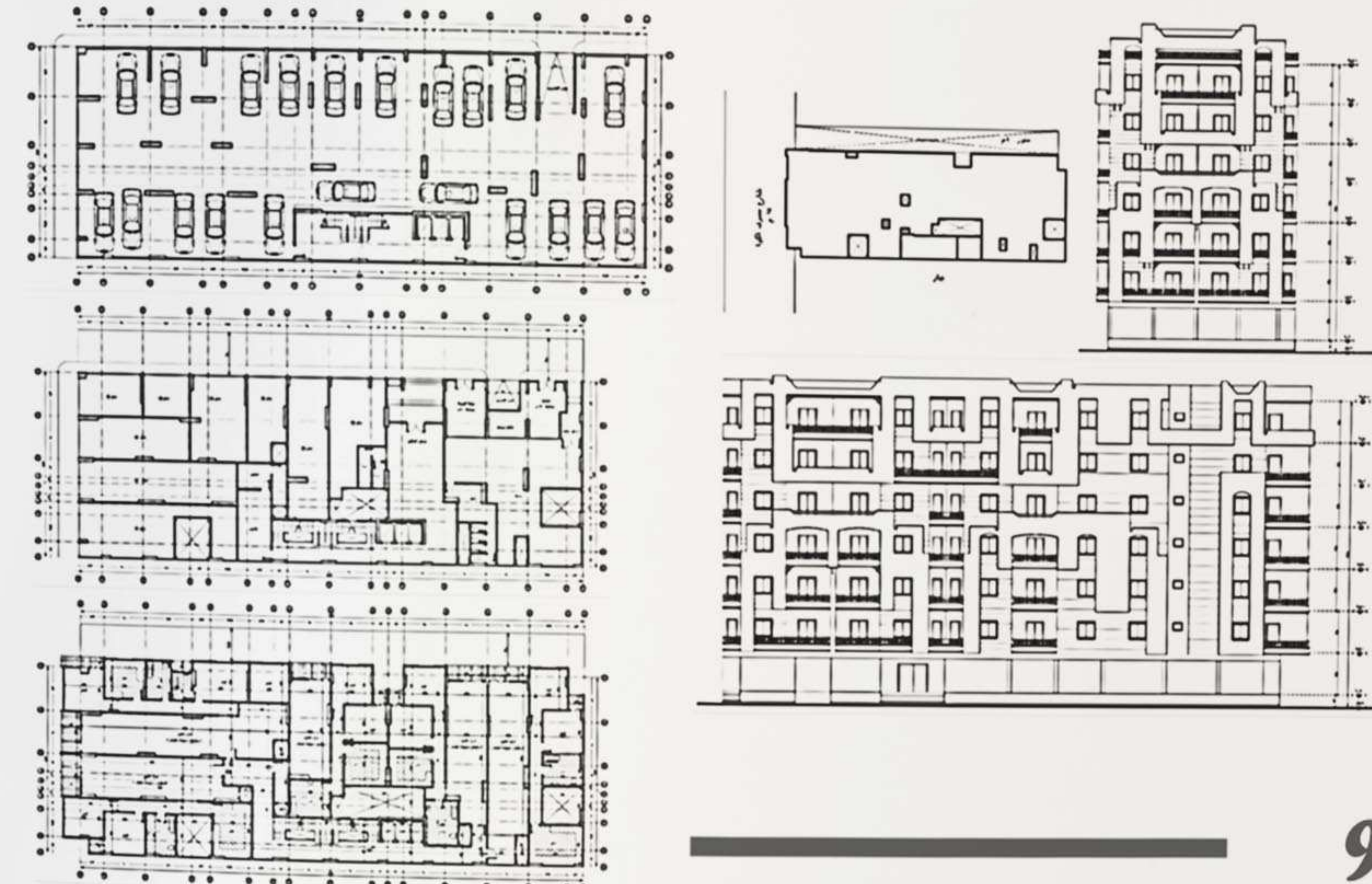
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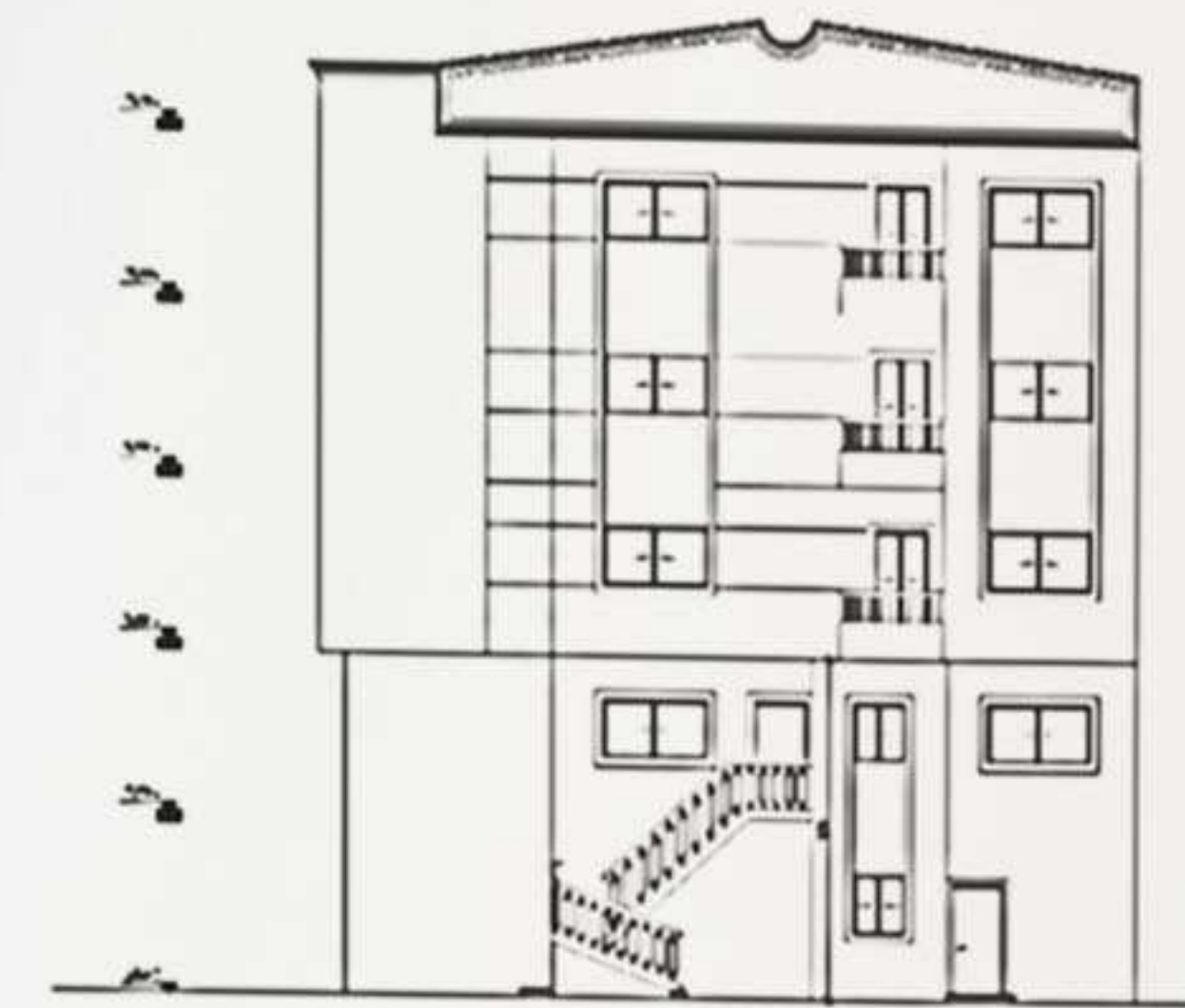
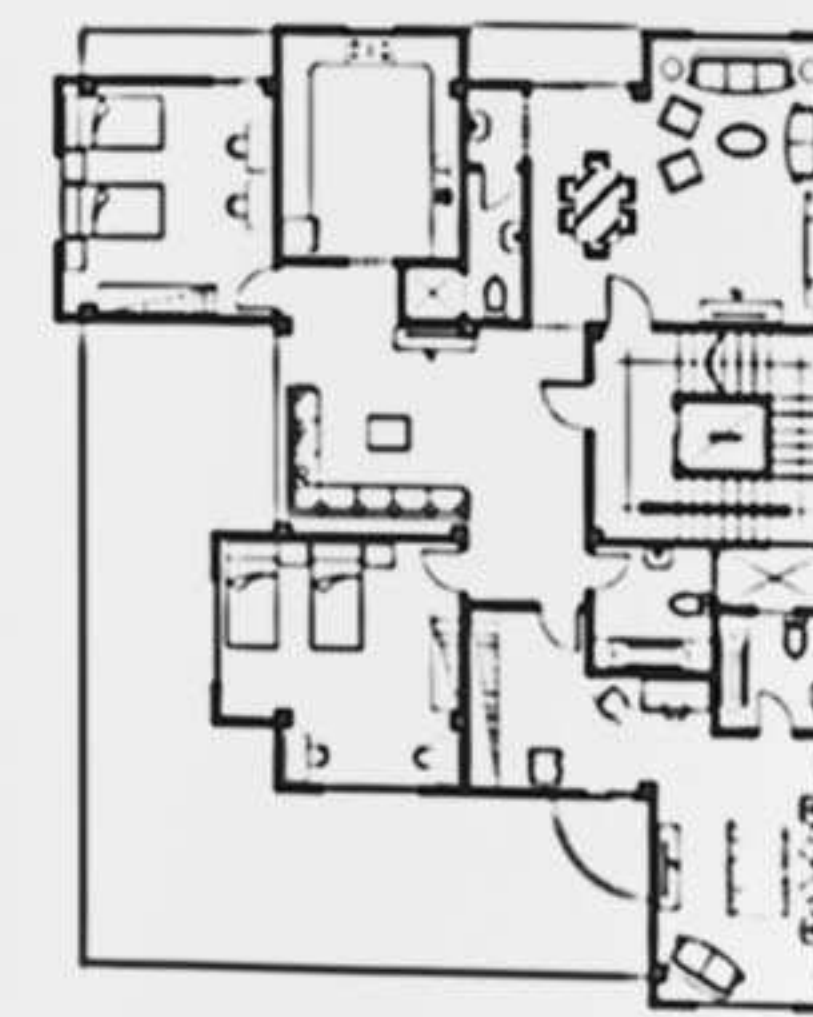
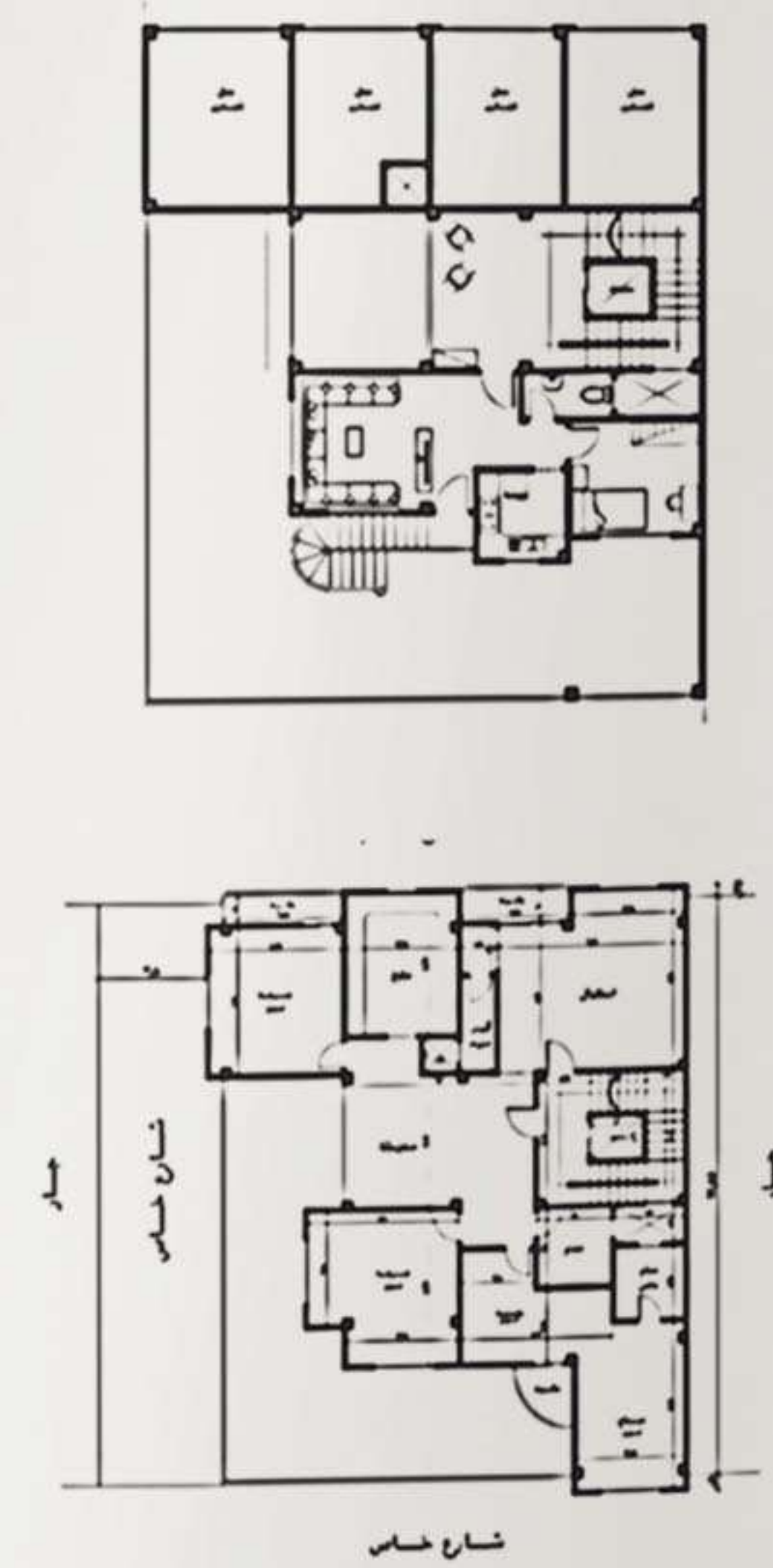
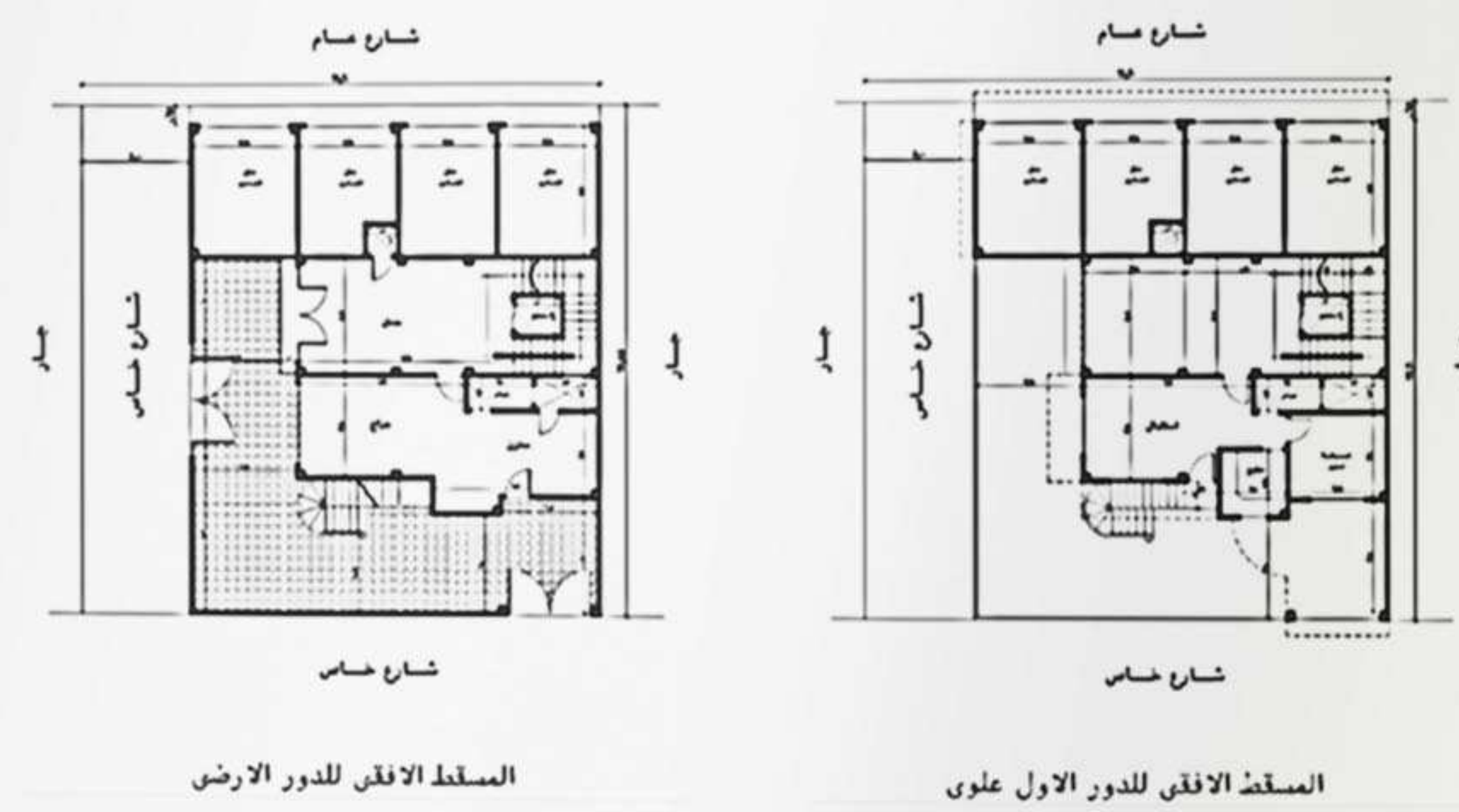
Architectural Working Drawings



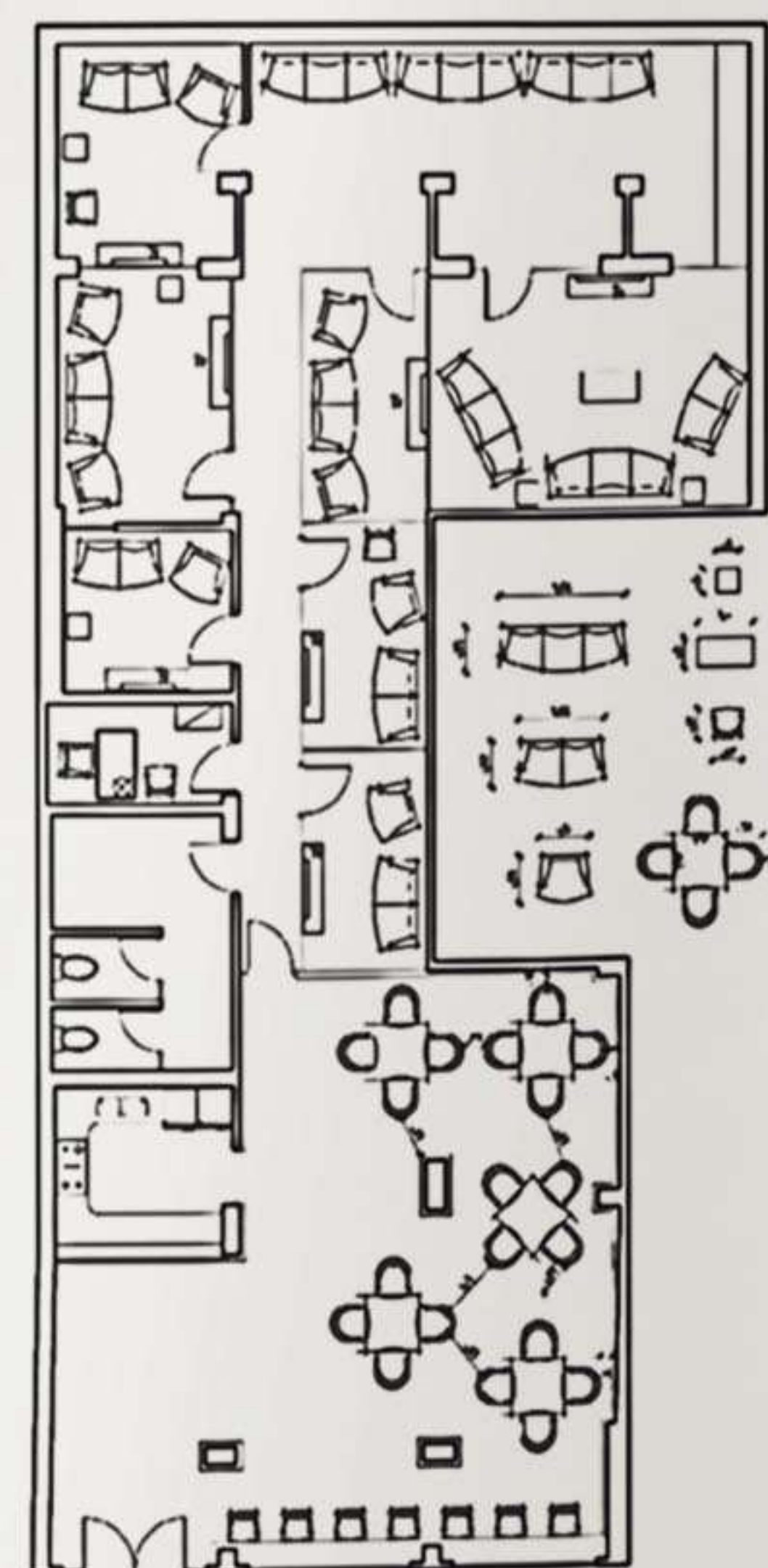
Architectural Working Drawings



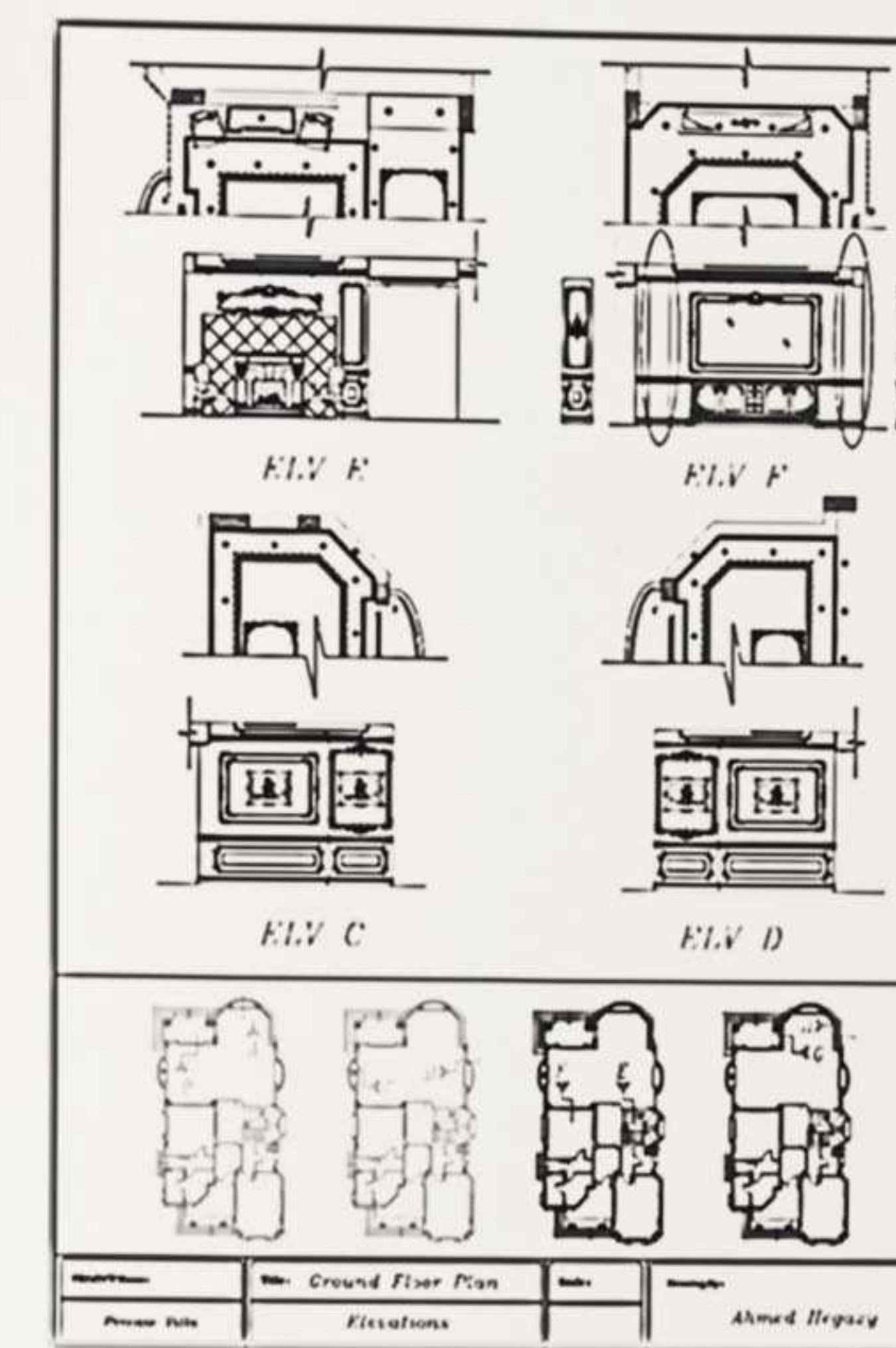
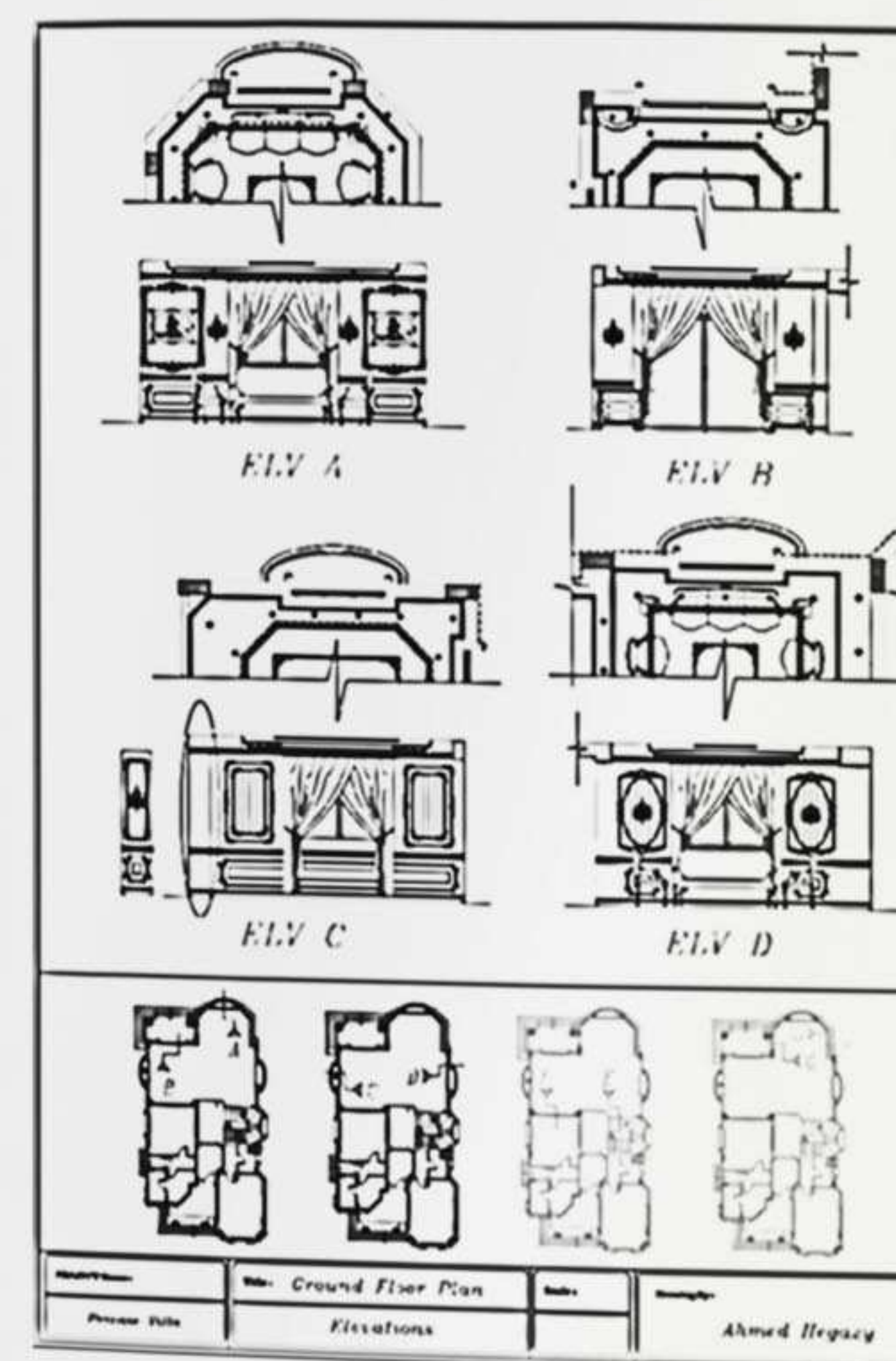
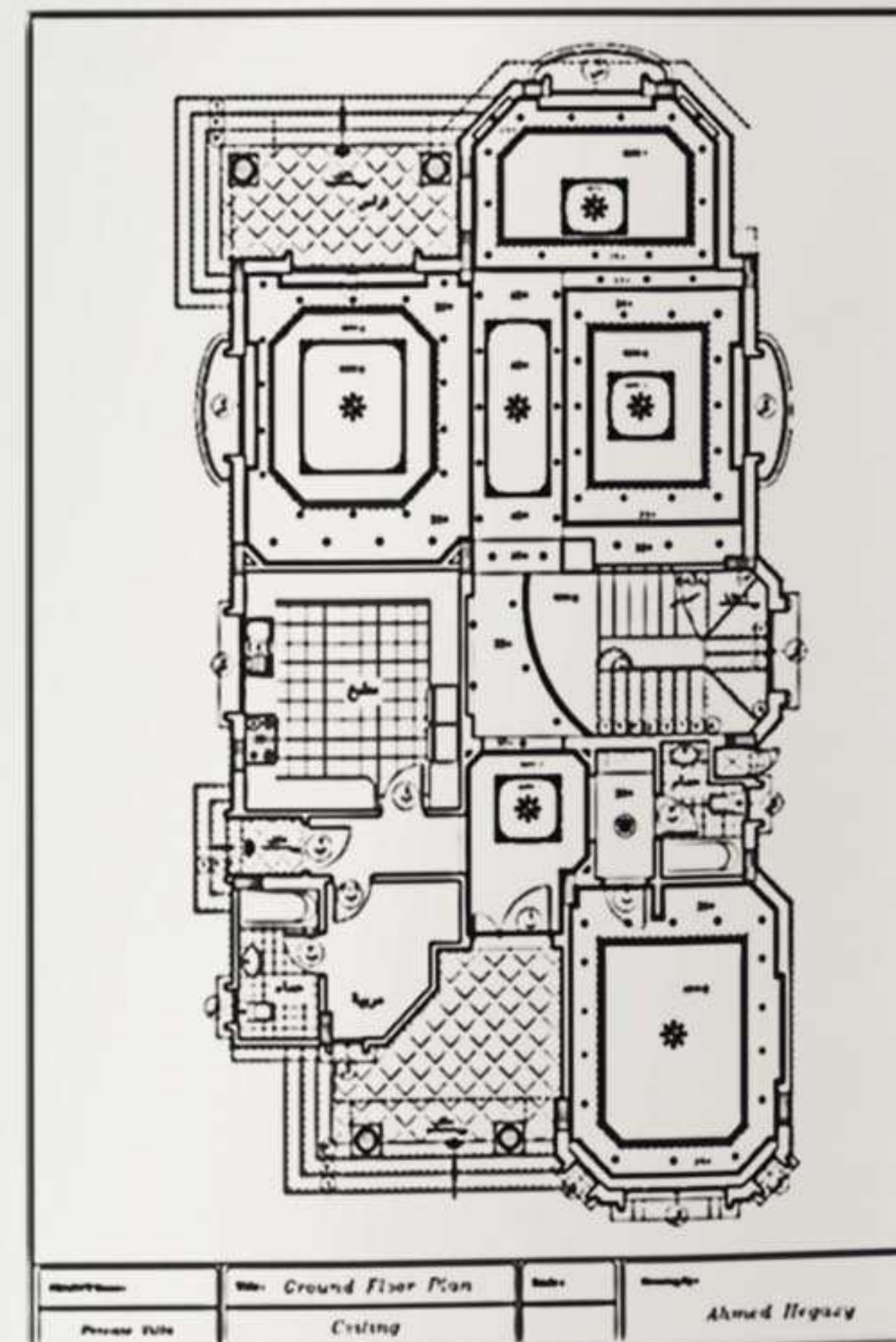
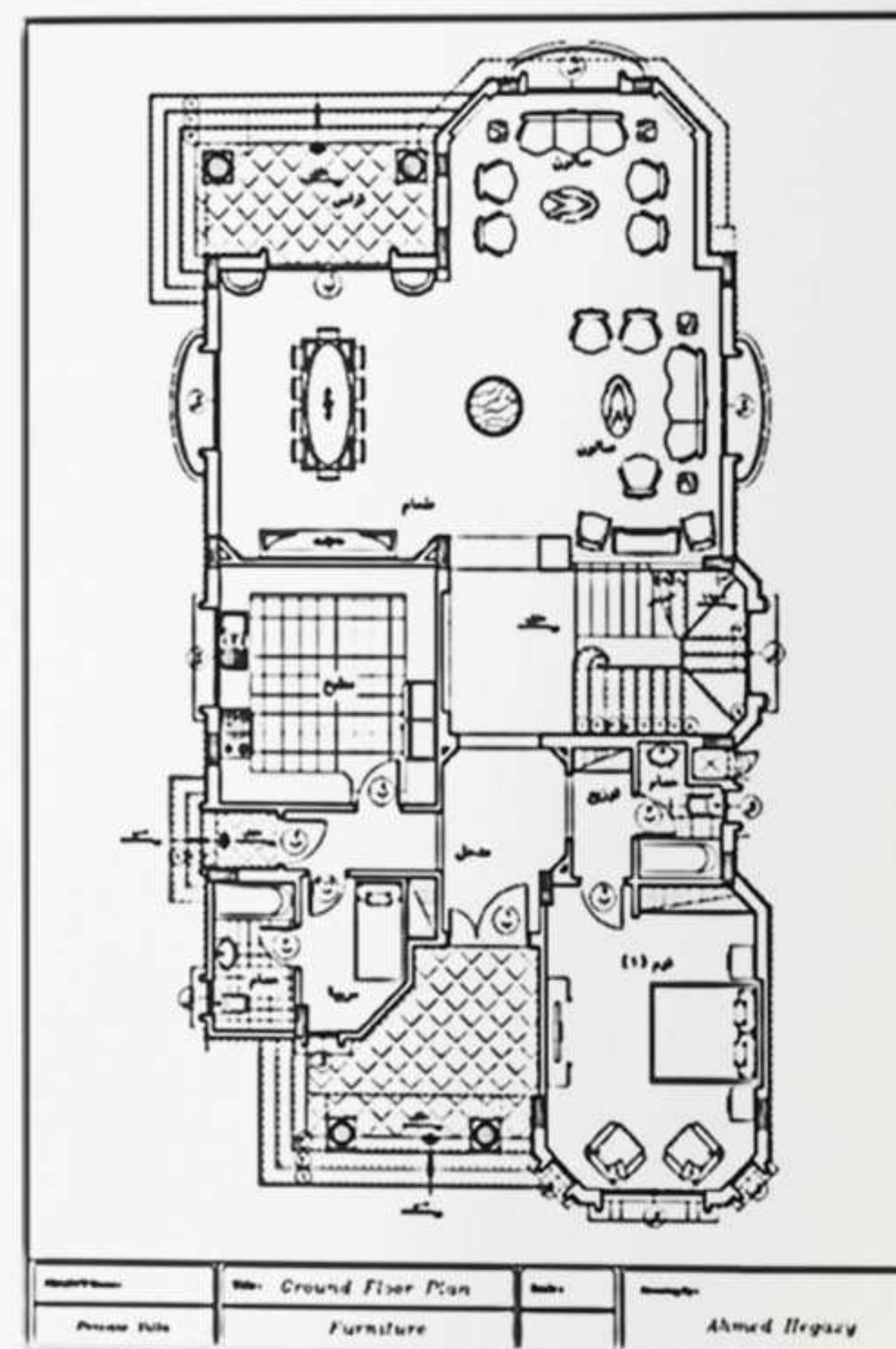
Plan Solutions Drawings



The architectural drawings of the Al-Husseiniyya Mosque in Jerusalem are presented in a grid-like format. The top row contains three floor plans: the leftmost shows the main prayer hall with its structural grid; the middle shows a section through the mosque; and the rightmost shows a plan of the courtyard and surrounding areas, with the text 'ساحة المسجد' (Mosque Courtyard) visible. The middle and right plans are labeled 'مسجد الحسينية' (Al-Husseiniyya Mosque). The bottom row contains six elevations: the first is a side elevation of the main hall; the second is a section of the main hall; the third is a section of the courtyard; the fourth is a section of the courtyard; the fifth is a section of the courtyard; and the sixth is a section of the courtyard. The elevations are labeled 'جدار المدخل' (Entrance Wall), 'جدار القبلة' (Qibla Wall), 'جدار الشاذليين' (Shاذلي Wall), 'جدار الشاذليين' (Shاذلي Wall), 'جدار الشاذليين' (Shاذلي Wall), and 'جدار الشاذليين' (Shاذلي Wall).



Interior Working Drawings



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