

# COMPANY PROFILE

**Assuring Codes  
& Keen Design**

**Since 2004**

[www.ackdconsult.com](http://www.ackdconsult.com)

**ACKD**

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# INTRODUCTION

## Assuring Codes & Keen Design

ACKD Consult is a leading Saudi Consultancy firm established in 2004, The head office is in Riyadh and the owner and General Manager is Eng. Abdullah al- Bishr who have a consultant degree for SCE.

ACKD Consult sets strong professional standards, and high ethical values, and prides itself in having a professional, coherent, highly educated, and experienced team working with customers and clients to understand their requirements and provide them with the best professional services and sustainable economic solutions within the required timeframes and deadlines.

The firm has also collaborated with several educational and governmental institutions for seminars and workshops to spread technical knowledge, ideas, and values as well as to nurture and promote the young generation to help them to be better prepared for their careers in line with the ongoing renaissance and development in the Kingdom to attain the Saudi Vision 2030 and beyond.



# INTRODUCTION

## WE ARE

ACKD Consult is a multi-disciplinary consultancy firm specializing in AOR, Architecture, Fire Safety, Structural, and Interior design. We deliver our services to a host of local, regional and international clients. We give engineering solutions by adopting a pragmatic approach and applying innovative techniques.

## THE ACRONYM

### **ACKD: Assuring Codes and Keen Design**

Assuring Codes (The "Science"): We ensure technical expertise, safety, and full regulatory compliance.

Keen Design (The "Art"): We deliver sharp, intelligent, and high-quality creative solutions.

Our Promise: A complete package that balances intelligent, creative design with technical reliability and safety.

## COMMITMENT

We are committed to executing and furthering all engineering services, applying Saudi Building Code requirements (SBC), local & international technical associations, Authority having jurisdiction, and investment in human resource development & training.

## ASSETS

Our most valuable asset is our team of driven industry experts who are equipped with high-level training and professional experience, making them among the best in their field.

We are committed to their development and retention. through investment in their continuous professional development, we are able to maintain a high level of delivery that our clients are accustomed to and expect from us.

Through ongoing industry engagement and continuously evolving practices, we provide objective, expert guidance combined with functional specialist expertise to create a comprehensive and effective service.



# INTRODUCTION

## VISION

The corporate vision of ACKD Consult is that life and assets can only be effectively protected if experienced advice is provided in an unbiased and independent way.

Hence ACKD Consult has no special interests or financial ties with manufacturers, suppliers, contractors, or insurance brokers.

- > **ACKD** has an experience and professionally accredited staff.
- > **ACKD** provides Clients with sound professional services and deployment strategy in full consideration and awareness of local regulations and Culture.
- > **ACKD** invests in existing Client relations and explores possibilities to expand in new and emerging markets to ensure sustainability and growth.
- > **ACKD** offers employees an inspiring working environment and the opportunity to nurture and develop their technical and personal skills.

## VALUES

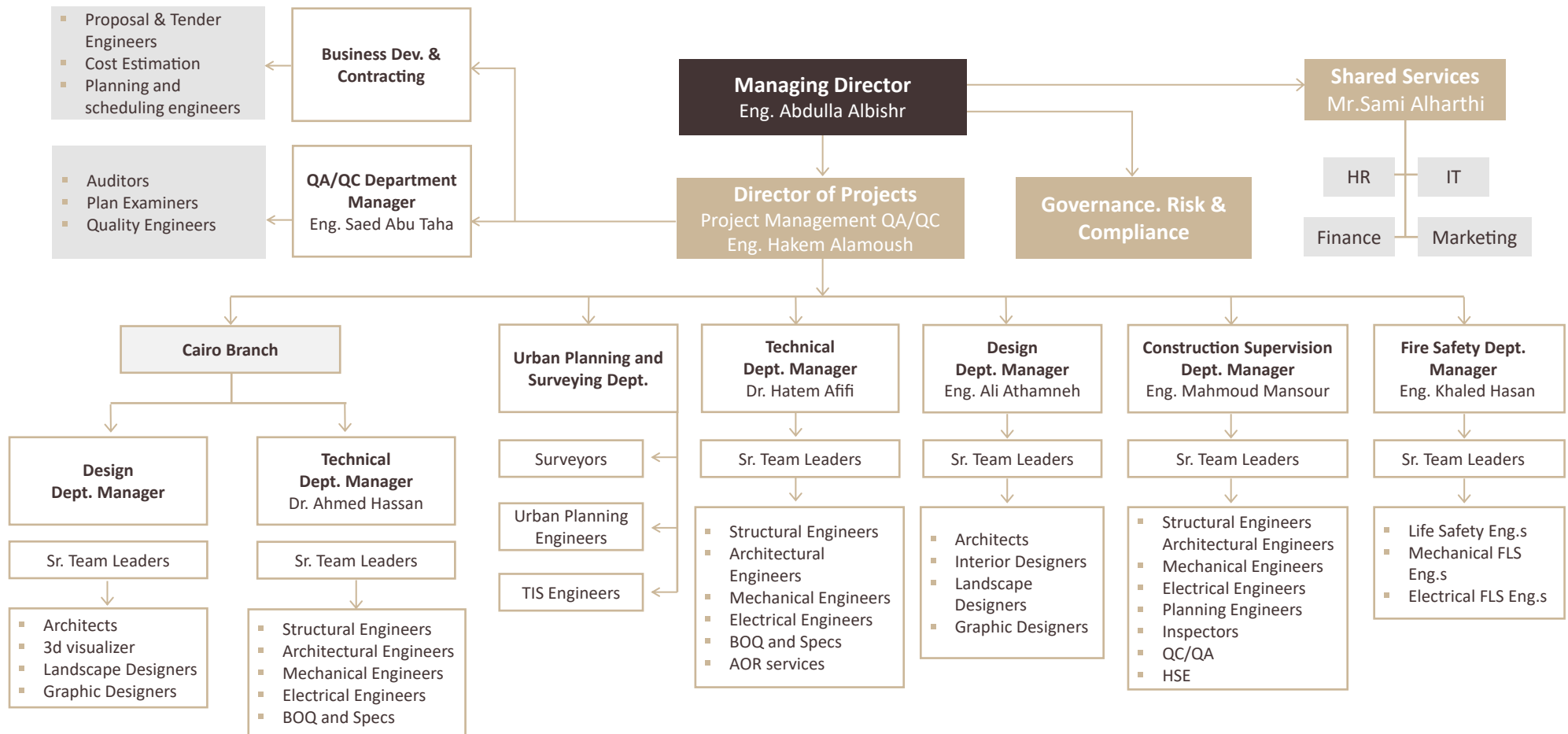
ACKD Consult is committed to respecting and achieving the following values:

- > Quality & professionalism.
- > High ethical conduct and transparency
- > Quality & professionalism.
- > Utmost consideration and care for
- > Clients' needs.

"As people alive today, we must consider future generations: a clean environment is a human right like any other. It is, therefore, part of our responsibility towards others to ensure that the world we pass on is as healthy, if not healthier than we found it."

(The Dalai Lama)

# INTRODUCTION



RIYADH.SA



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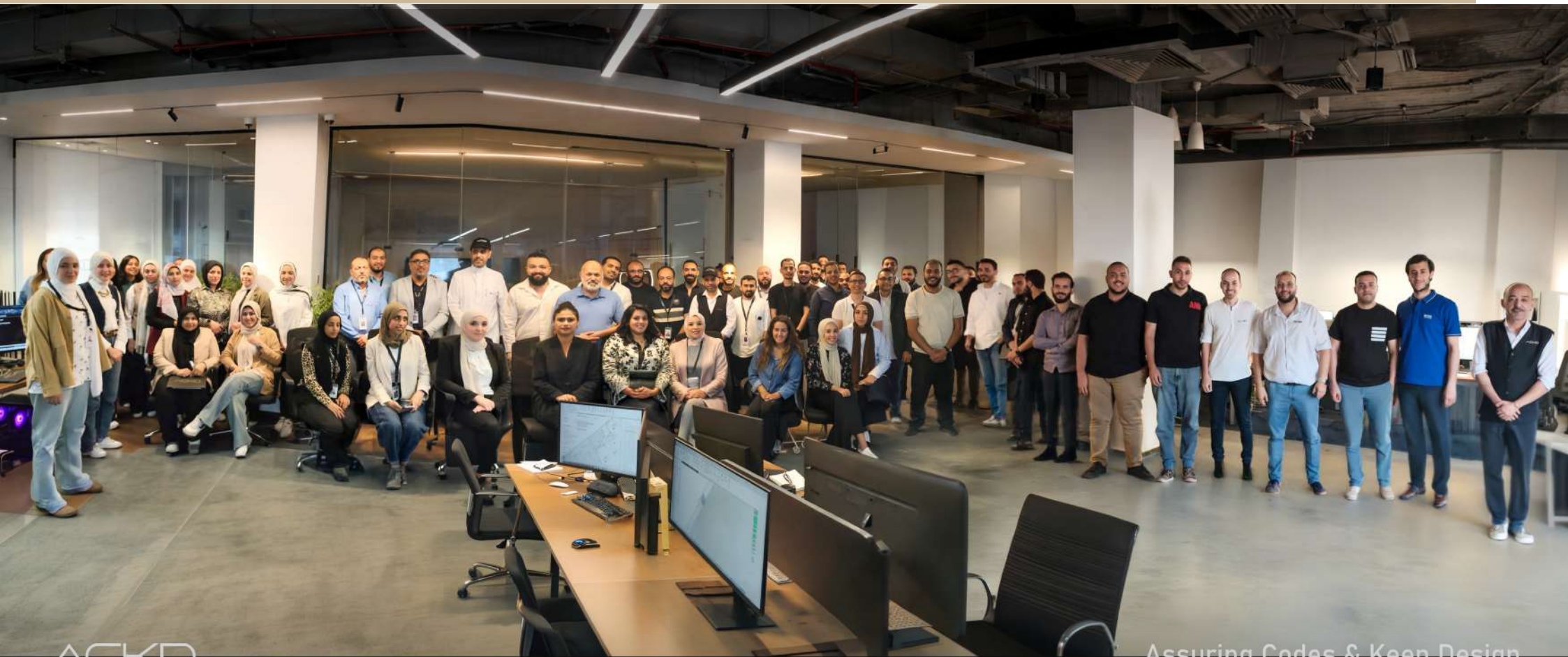
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# NEW CAIRO



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Assuring Codes & Keen Design



# WE ARE SPECIALIZED AT:

## A. Full Design Services

ACKD Consult provide the following Design Services

- > Full Structural, Architectural, and MEP design services from Concept through schematic to detailed design and issuance of IFC drawings. Landscape drawings. Provide design review and approval. Compliance with local and international life and safety regulations.
- > Cost estimate and analysis.
- > Preparing tender documents.
- > Government presentation and approvals.

## C. Interior design - ID

## B. AOR SERVICES

ACKD Consult has been providing Architect of Record service (AOR) for many years including but are not limited to the following:

- > Co-ordination with the statutory authorities and service providers such as Riyadh Municipality, Jeddah Municipality, Saudi Civil
- > Defense, Modon, SEC, NWC, and telecom service providers
- > Prepare and manage the Statutory Authorities approval process from project inception to delivery.
- > Submit application for approvals early in the project's timeline, whenever possible.
- > Collaborative team effort to obtain the building permit and projects' handover and close-out.

# WE ARE SPECIALIZED AT:

## D. Building Information Modeling (BIM)

ACKD Consult provides BIM services to enable collaboration between all team members working on the project resulting in huge improvements in the efficiency of projects

- > Potential problems are identified prior to the start of construction
- > Optimization of processes using 3D models
- > Improve Scheduling efficiency
- > Construction Automation
- > Increased worker safety

## E. Site Supervision

ACKD Consult has been providing Site Supervision services on several projects including but not limited to the following:

- > Permanent and periodic site supervision by all disciplines according to project requirements and needs.
- > Ensure Compliance with Project's specifications and SBC Codes & standards.
- > Follow-up on statutory authorities' approval process and handover till project close-out and building occupancy.



# WE ARE SPECIALIZED AT:

## F. Fire and Life Safety Consulting

ACKD Consult is approved and certified as a fire protection consultant with:

- > Civil Defense
- > HCIS
- > MODON

We have a professional team in fire and life safety with full capability for work in FLS systems to protect life and property by applying local requirements & international codes and standards.

ACKD Consult prepares designs, reviews, and testing of fire safety systems according to the following local and international codes and standards:

- > Saudi Building Code (SBC)
- > National Fire Protection Association (NFPA)
- > Civil Defense Requirements.
- > SAF HCIS requirements.
- > Applicable fire safety requirements.





# SECTORS – SERVICES

ACKD Consult provides engineering Services in the following types of Sectors

**1**

**Entertainment**

**2**

**Industrial**

**3**

**Commercial  
buildings**

**4**

**Residential**

**5**

**Educational**

**6**

**Military**

**7**

**High rise  
buildings**

**8**

**Infrastructure  
Networks**

**9**

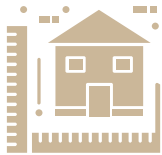
**Transportation**

**10**

**Health Care**

# SECTORS – SERVICES

ACKD Consult provides engineering Services in the following types of Sectors



**Design Review**



**Submit Deliver to AHJ**



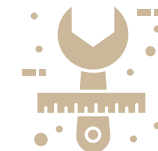
**Design**



**Supervision**



**Technical Solution**



**Testing**

# ACCREDITATIONS AND QUALIFICATIONS

ACKD Consult company has credits from many local and international agencies, here is some samples:



Saudi Aramco



Ministry of Culture



Saudi Commission for Tourism  
& National Heritage



Ministry of Water & Electricity



Civil Defense



Saudi Industrial Property Authority



High Commission for Industrial Security



MARAFIQ



Ministry of Municipal and Rural  
Affairs



Ministry of Housing



Saudi Ports Authorities



Saudi Electricity company



Royal Commission for Jubail & Yanbou



Ministry of Health



Presidency of Meteorology  
and Environment Protection



SABIC Company

# TARGET CLIENTS





# SELECTIVE CLIENTS



# APPROVAL CERTIFICATES ISO CERTIFICATES

[illegible]

## MOMRA Classification ( First Degree )

# ISO 14001:2015

## ISO 9001:2015

ISO 45001:2018

# OUR PROJECTS

We have designed, supervised, and provided engineering services for more than 3231 projects all over KSA.

Geographic Locations of our projects in all over the Kingdom

**01.** Design Projects

**02.** Project Management  
Consultant (PMC)

**03.** Fire and life safety



# THE THREE STAGES OF SERVICE

## STAGE ONE

### **Visioning & Planning**

ACKD's approach is tailored to each project, but is guided by the our cornerstones of our company:

- > International expertise
- > Commercial astuteness
- > Integrity & professionalism
- > An "open book" policy

## STAGE TWO

### **Management & Design**

We take a holistic approach to the development process, ensuring that the entire process is managed synergistically and efficiently from the project initiation stage right through to final completion.

We are the single point of contact and remain responsible for the entire development process up to final completion and operational handover.

## STAGE THREE

### **Supervision & Delivery**

Supervision and delivery is the critical stage where design, technical and financial planning converge in action.

By managing the full life-cycle of a project, our service and delivery culture provides clients with an all encompassing solution. We are the single point of contact and remain responsible for the entire development process up to final completion and operational handover.

# DETAILED SERVICES

ACKD's adopts a structured and disciplined development process. This provides our clients with the opportunity to examine and approve each phase of a project, ensuring their vision is achieved at every juncture. Development phases of a typical project include:

- Project Initiation    • Project Inception    • Concept Design    • Schematic Design    • Design Development
- Construction Documentation    • Tender and Award    • Construction    • Project completion, Occupation and Handover



## STAGE ONE

### Visioning & Planning

During visioning and planning we focus the ambitions of our client-partners through creative visioning and masterplanning coupled with an informed, robust financial strategy.

### Stage One Services

- Site analysis
- EIA
- Project visioning
- Financial viability
- Traffic Studies
- Land surveying
- Market research
- Cultural relevance
- Identify project team
- Project design brief
- Masterplan design
- Asset mix
- Plot development
- Outline brand concept
- Outline urban concept

## STAGE TWO

### Management & Design

At Mirage we believe that exceptionally planned, designed and delivered destinations, relevant to their market, can significantly transform economies and environments for the better.

The management and design stage ensures a deep collaboration and coordination between all design and development disciplines.

### Stage Two Services

- Development management
- Project management
- Programme management
- Design management
- Full suite of design services
- Cost management
- Commercial management
- Early procurement
- Supply chain assessment
- Logistics assessment

## STAGE THREE

### Supervision & Delivery

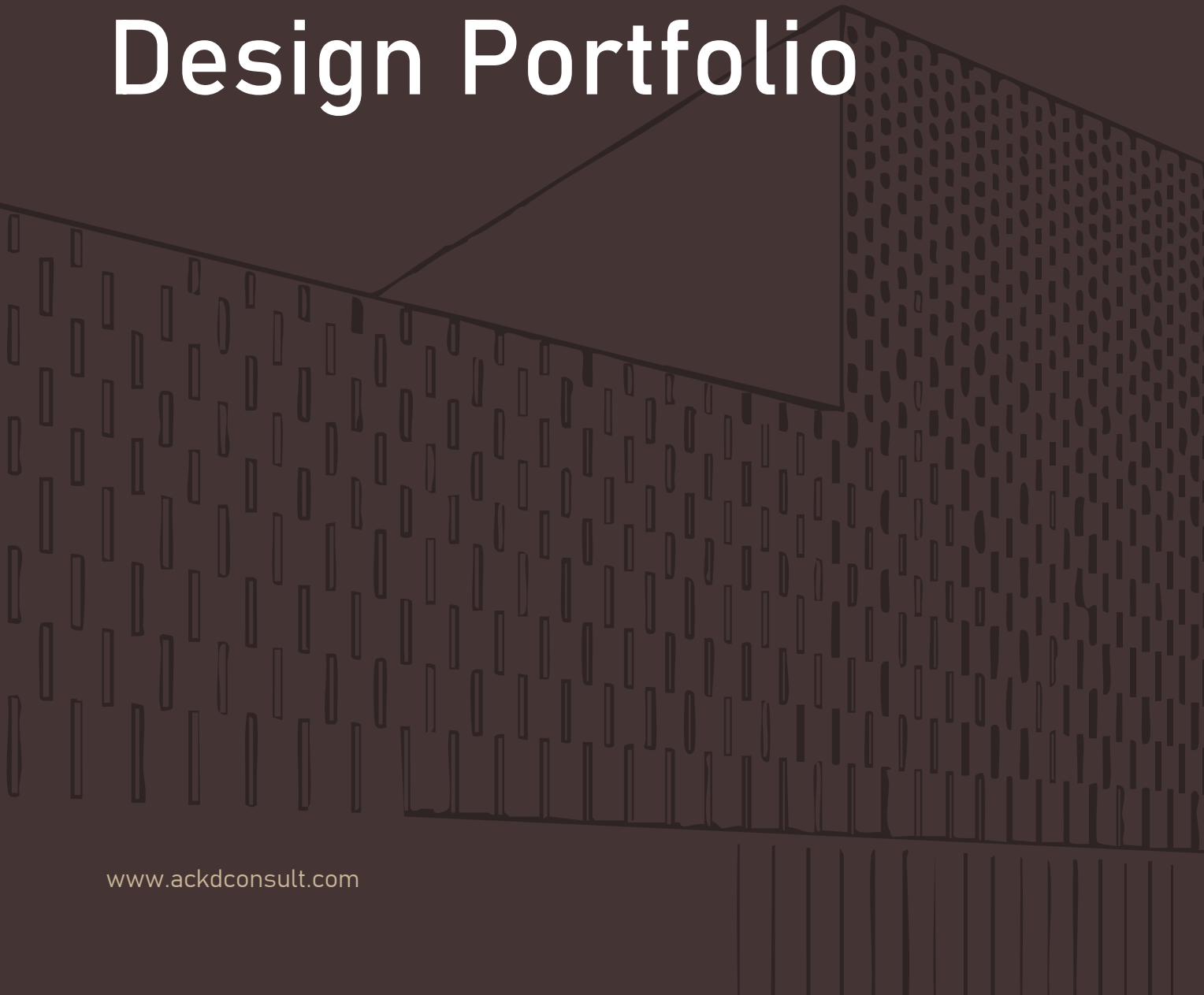
Through supervision, management and creative direction of the contracting, build and construction period, we deliver project success. We are custodians of the design intent and carefully orchestrate every detail to mirror the approved design. We constantly strive to push the boundaries in order to turn extraordinary visions into reality.

### Stage Three Services

- Operator liaison
- Cost management
- Design management
- Procurement
- Development management
- Programme management
- Security
- Completion certificate
- Client liaison
- Project management
- Health and safety
- Snagging and defects
- Handover
- Defects liability period
- Site supervision
- Tendering
- Commercial management
- Auditing
- Negotiation

02

# Design Portfolio



# View Tower

## PROJECT COMPONENTS

Land Area: 1,919 m<sup>2</sup>

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**View Tower**

**ACKD**



# Heyaza Tower

## PROJECT COMPONENTS

Land Area: 4,487 m<sup>2</sup>

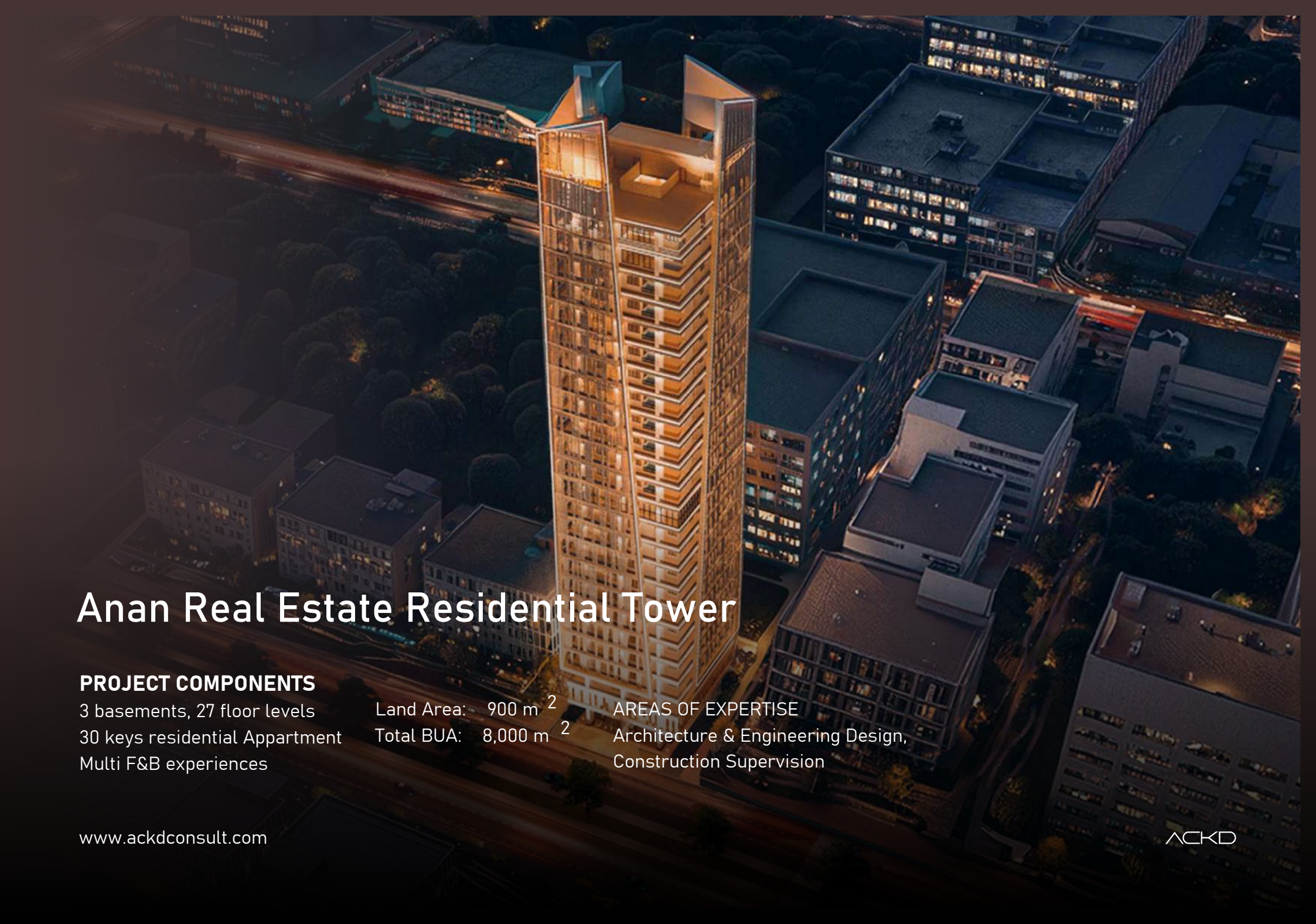
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# Anan Real Estate Residential Tower

## PROJECT COMPONENTS

3 basements, 27 floor levels  
30 keys residential Apartment  
Multi F&B experiences

Land Area: 900 m<sup>2</sup>  
Total BUA: 8,000 m<sup>2</sup>

AREAS OF EXPERTISE  
Architecture & Engineering Design,  
Construction Supervision

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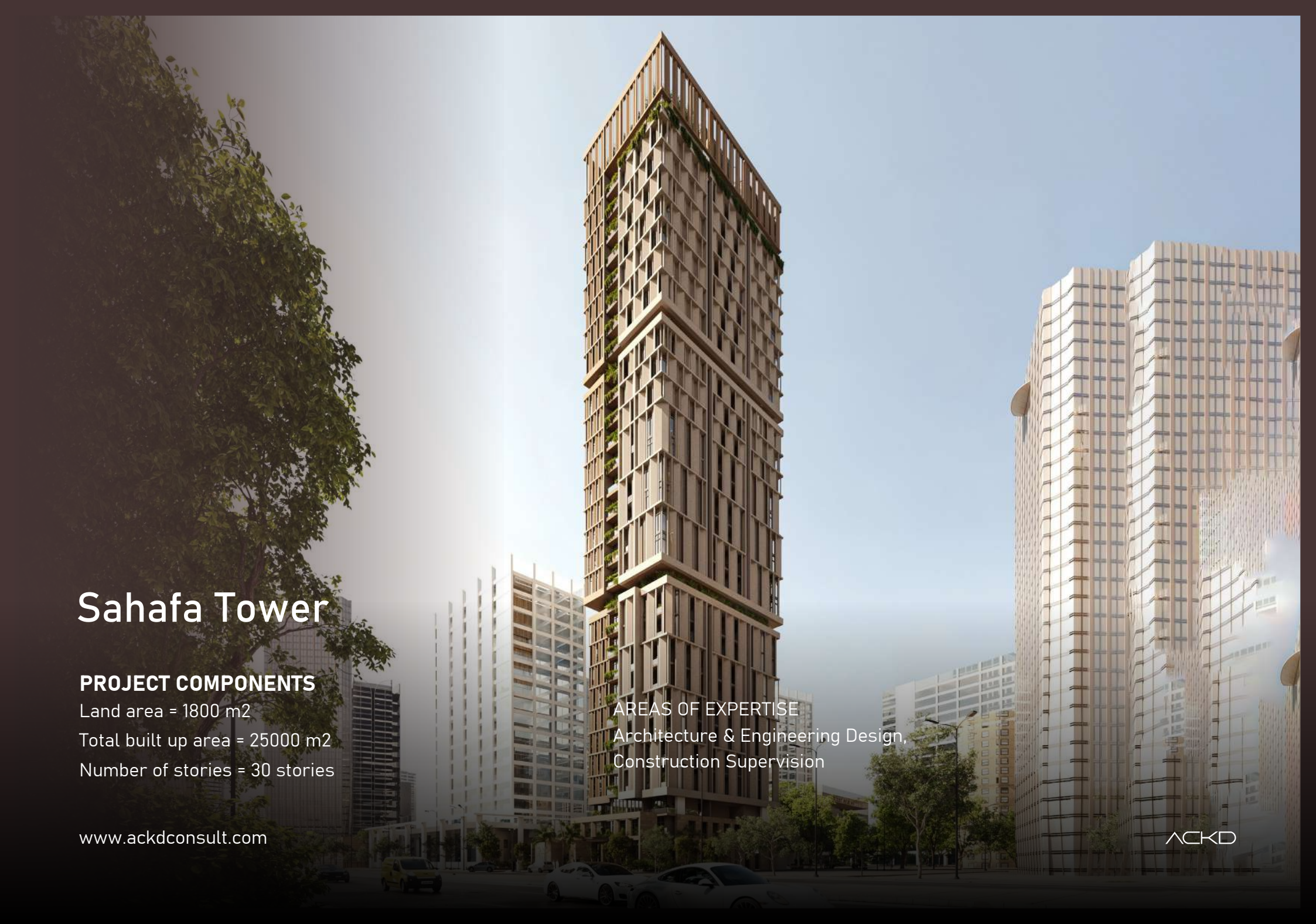


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Anan Real Estate Residential Tower

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# Sahafa Tower

## PROJECT COMPONENTS

Land area = 1800 m<sup>2</sup>

Total built up area = 25000 m<sup>2</sup>

Number of stories = 30 stories

## AREAS OF EXPERTISE

Architecture & Engineering Design,  
Construction Supervision

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# Al-Sahafa Tower

## PROJECT COMPONENTS

Land Area : 900 m<sup>2</sup>

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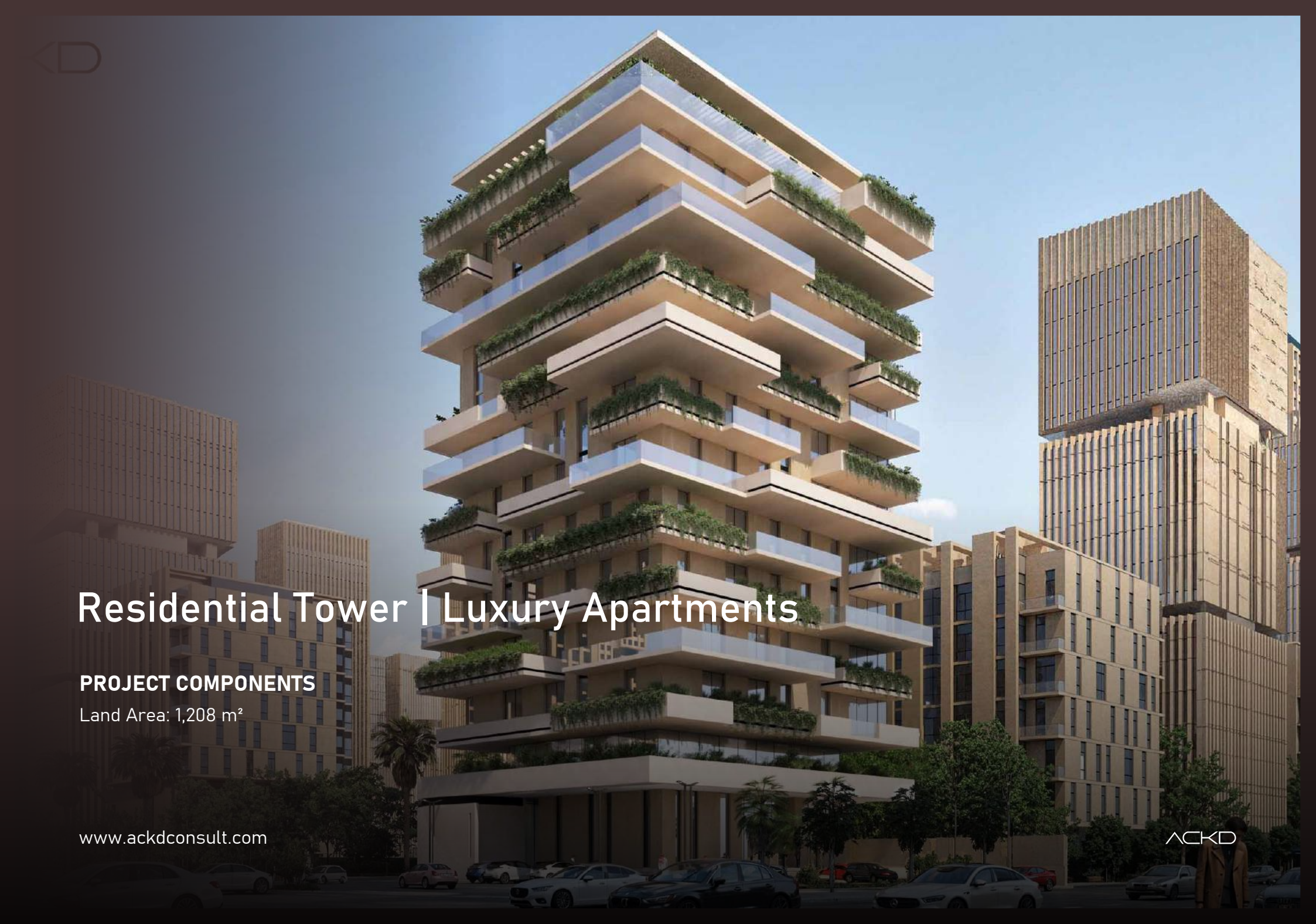
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**Al-Sahafa Tower**



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# Residential Tower | Luxury Apartments

## PROJECT COMPONENTS

Land Area: 1,208 m<sup>2</sup>

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**Residential Tower | Luxury Apartments**

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# Sajwa

## PROJECT COMPONENTS

Land Area : 539,000 m<sup>2</sup>

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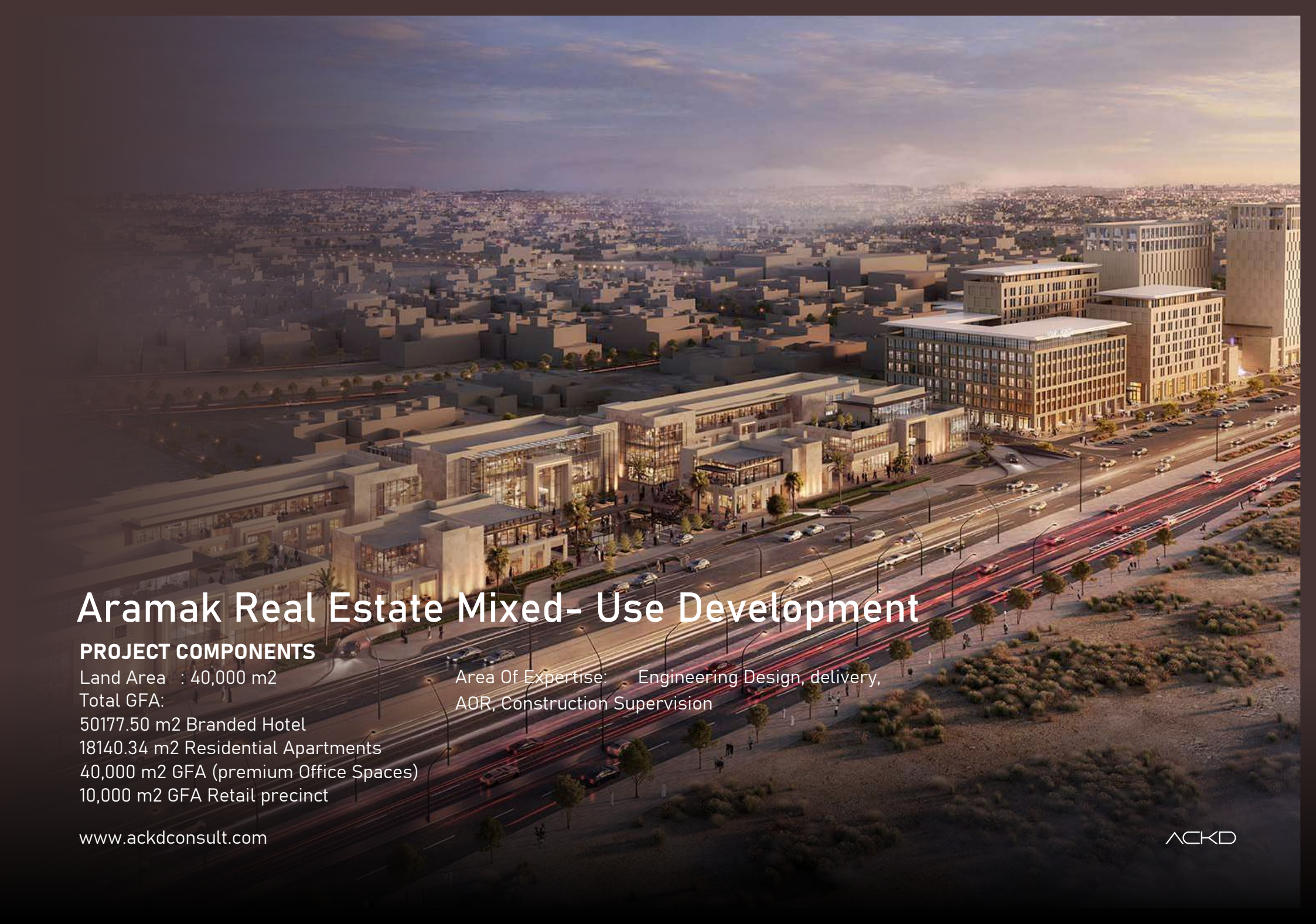
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# Aramak Real Estate Mixed- Use Development

## PROJECT COMPONENTS

Land Area : 40,000 m<sup>2</sup>

Total GFA:

50177.50 m<sup>2</sup> Branded Hotel

18140.34 m<sup>2</sup> Residential Apartments

40,000 m<sup>2</sup> GFA (premium Office Spaces)

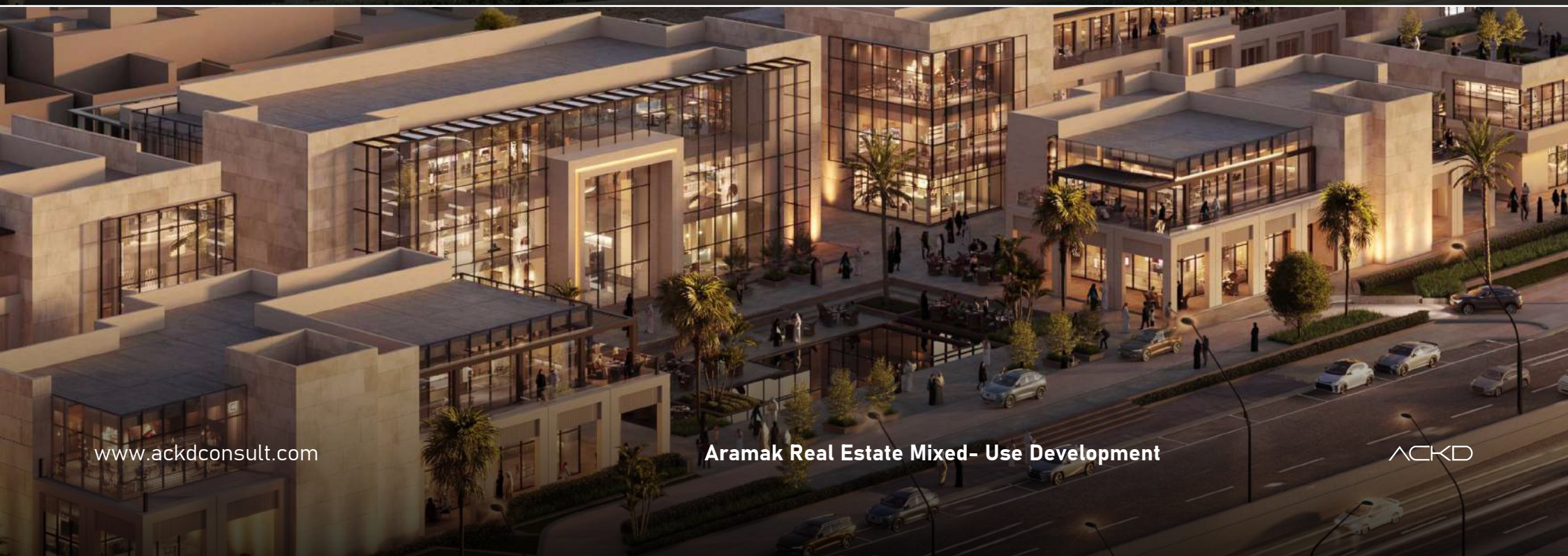
10,000 m<sup>2</sup> GFA Retail precinct

Area Of Expertise: Engineering Design, delivery,  
AOR, Construction Supervision

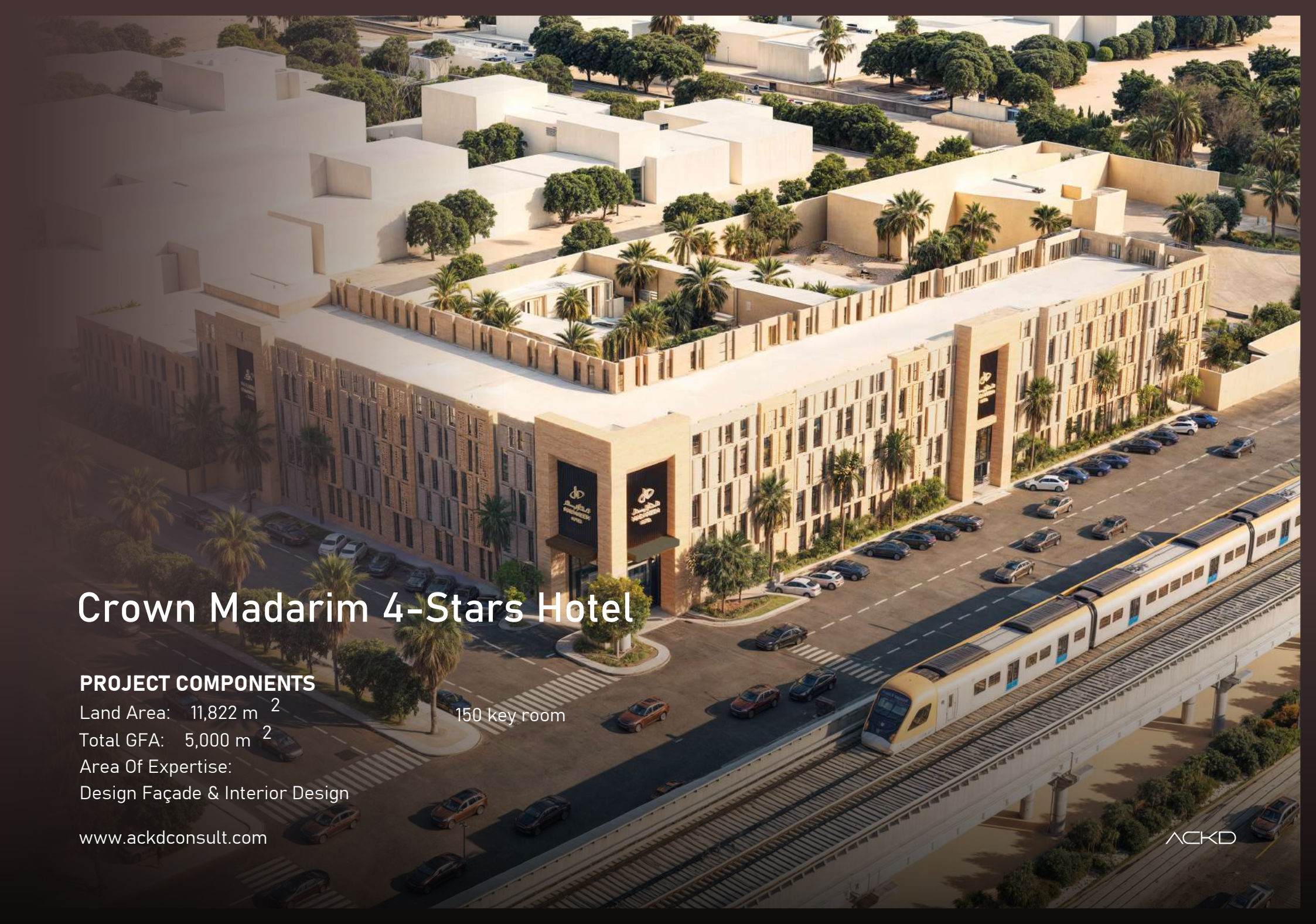
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# Crown Madarim 4-Stars Hotel

## PROJECT COMPONENTS

Land Area: 11,822 m<sup>2</sup> 150 key room

Total GFA: 5,000 m<sup>2</sup>

Area Of Expertise:

Design Façade & Interior Design

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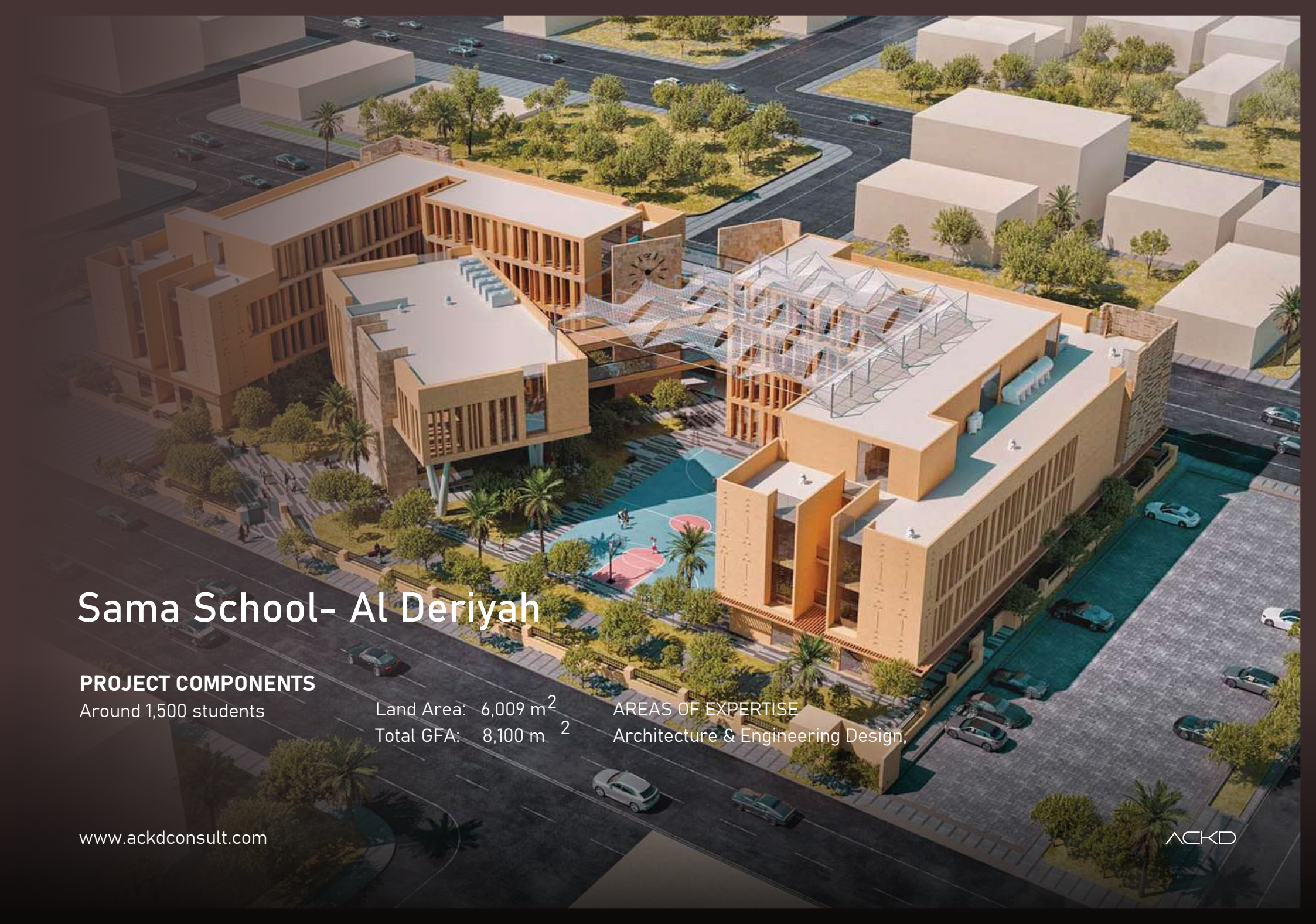


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**Crown Madarim**

**ACKD**



An aerial architectural rendering of the Sama School - Al Deriyah. The school is a large, modern building with a complex, multi-winged design. It features a prominent glass-enclosed central atrium with a glass roof. The building is surrounded by landscaped grounds with palm trees, walkways, and a basketball court. The school is situated on a street corner, with other buildings and parking areas visible in the background.

# Sama School- Al Deriyah

## PROJECT COMPONENTS

Around 1,500 students

Land Area: 6,009 m<sup>2</sup>

Total GFA: 8,100 m<sup>2</sup>

## AREAS OF EXPERTISE

Architecture & Engineering Design,

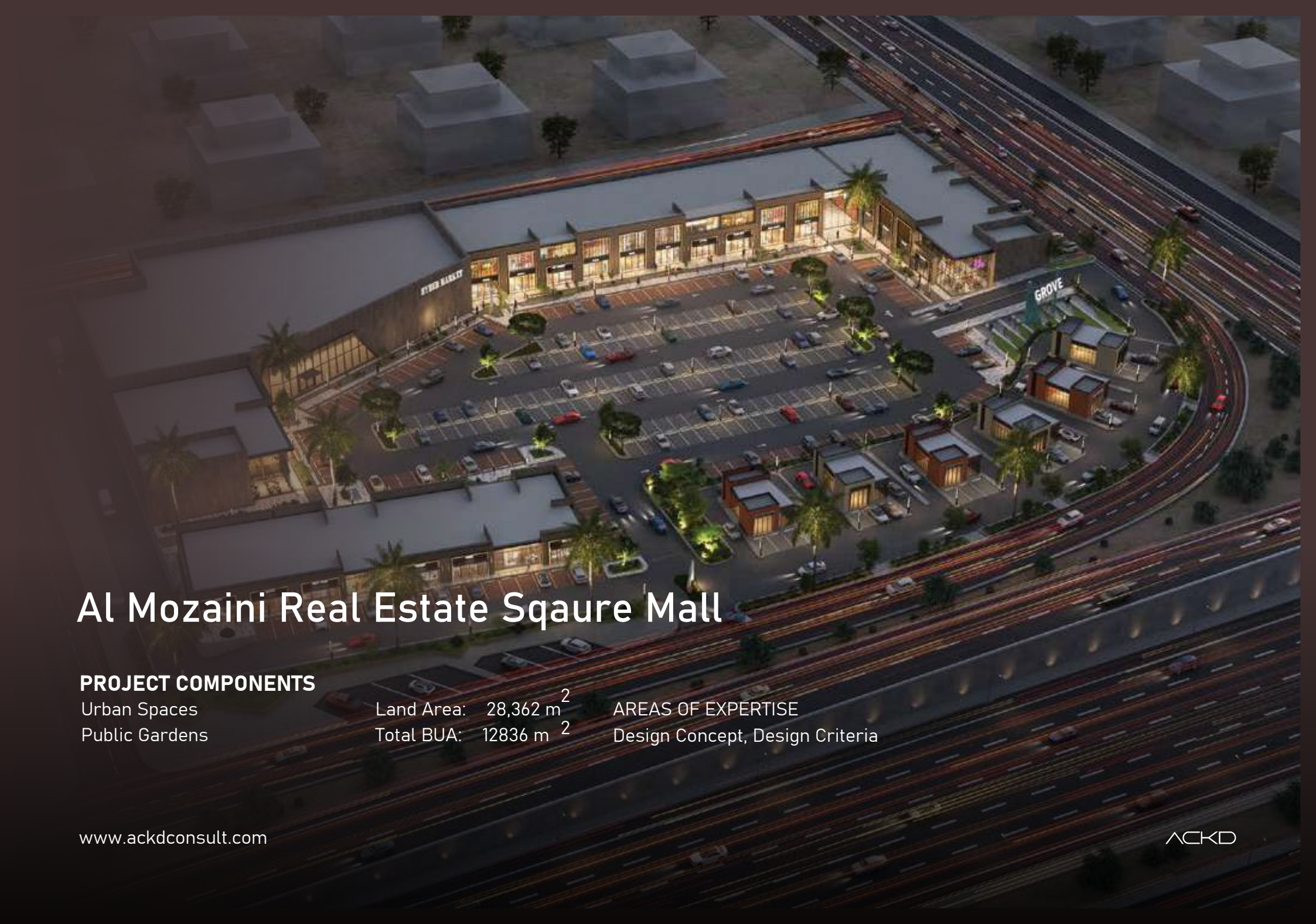
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# Al Mozaini Real Estate Square Mall

## PROJECT COMPONENTS

Urban Spaces

Public Gardens

Land Area: 28,362 m<sup>2</sup>  
Total BUA: 12836 m<sup>2</sup>

## AREAS OF EXPERTISE

Design Concept, Design Criteria





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Al Mozaini Real Estate Sqaure Mall

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# Yarmouk Line

## PROJECT COMPONENTS

Land Area: 7,620 m<sup>2</sup>

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# Al Mourouj School Complex

## PROJECT COMPONENTS

4 floor levels, accommodates all educational levels

Land Area: 10,800 m<sup>2</sup>  
BUA = 9,940.50 m<sup>2</sup>

Area Of Expertise:  
Architecture & Engineering Design

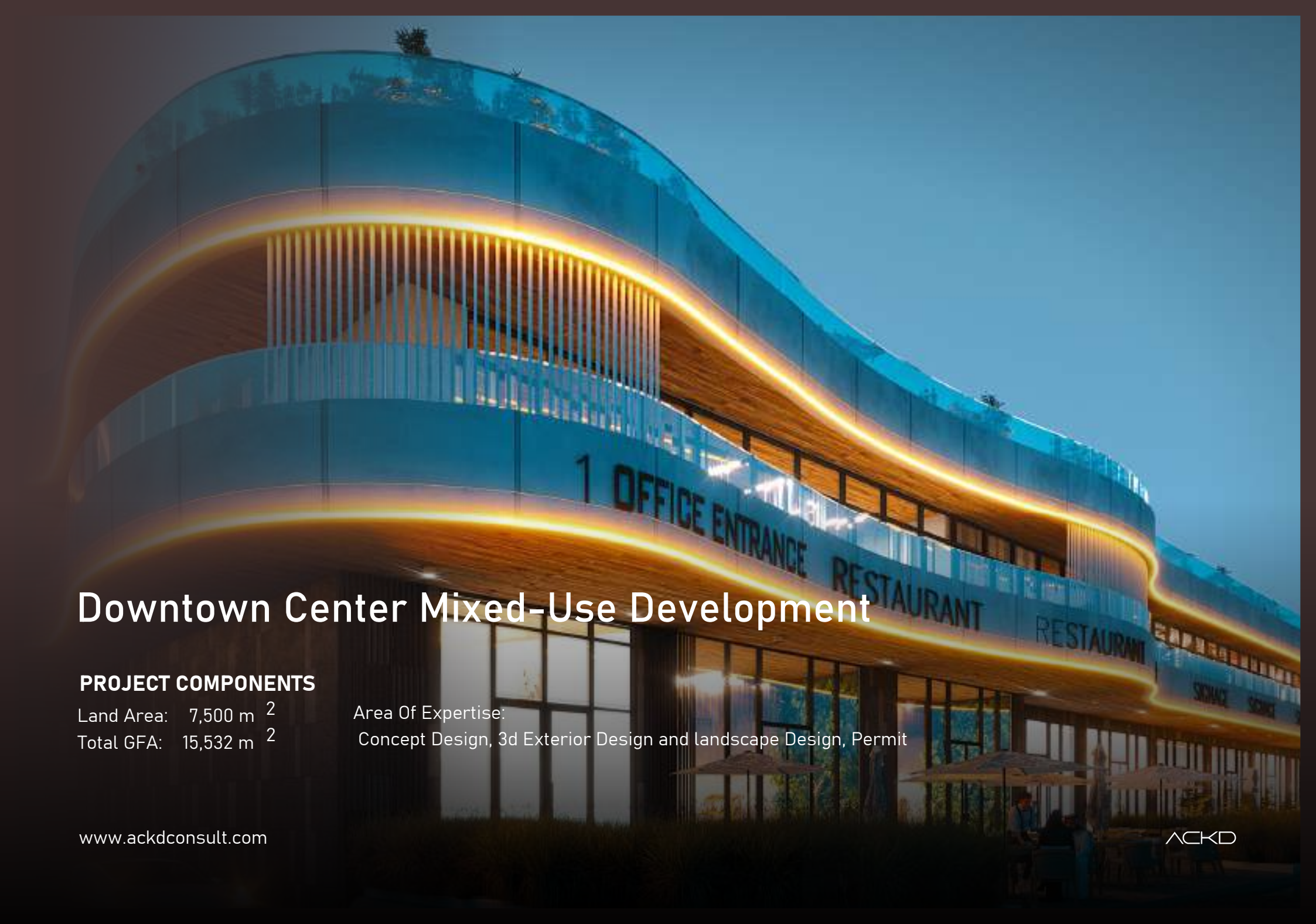
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# Downtown Center Mixed-Use Development

## PROJECT COMPONENTS

Land Area: 7,500 m<sup>2</sup>  
Total GFA: 15,532 m<sup>2</sup>

Area Of Expertise:  
Concept Design, 3d Exterior Design and landscape Design, Permit

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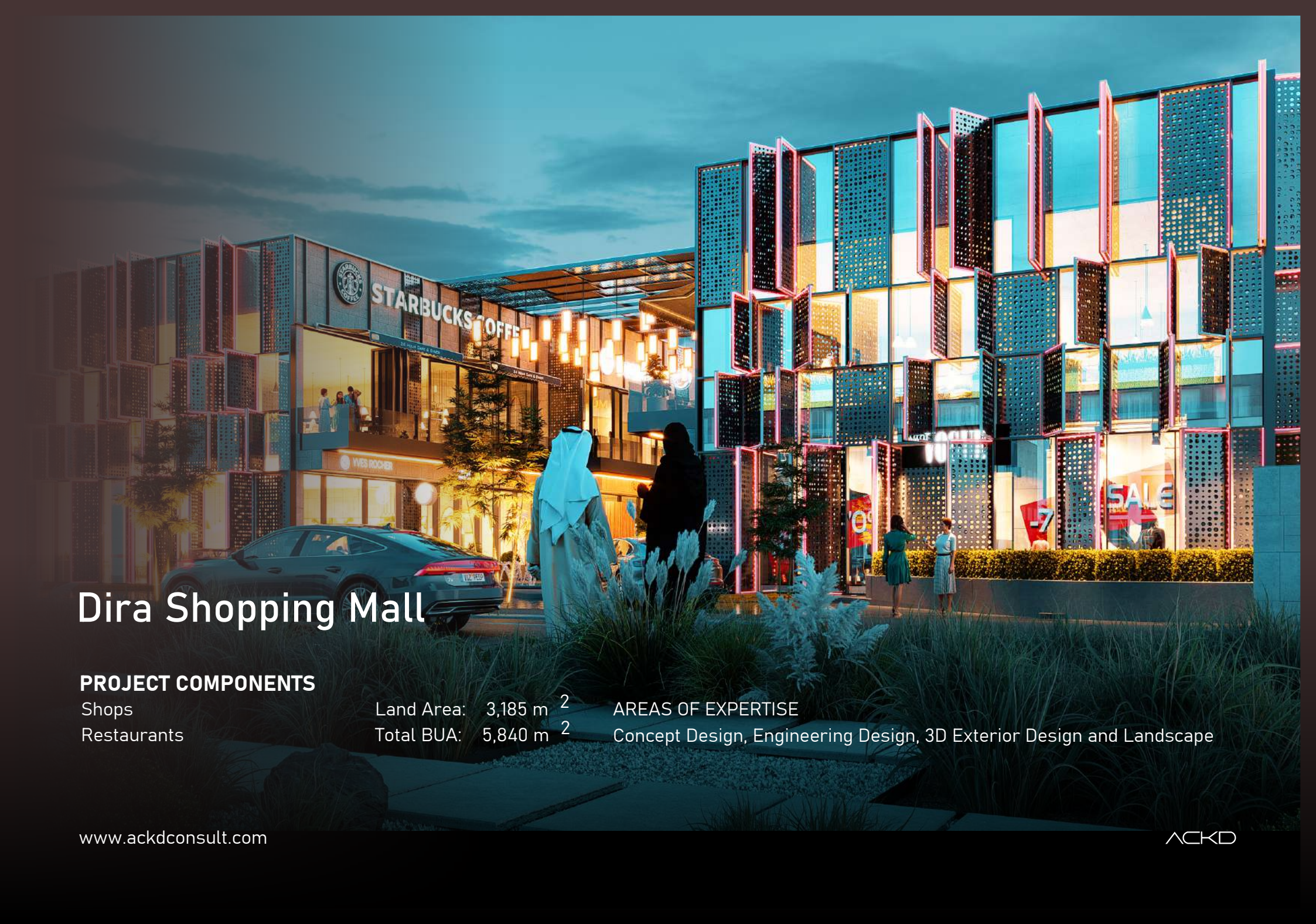
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جمن العقارية  
JUM REAL ESTATES





# Dira Shopping Mall

## PROJECT COMPONENTS

Shops

Restaurants

Land Area: 3,185 m<sup>2</sup>  
Total BUA: 5,840 m<sup>2</sup>

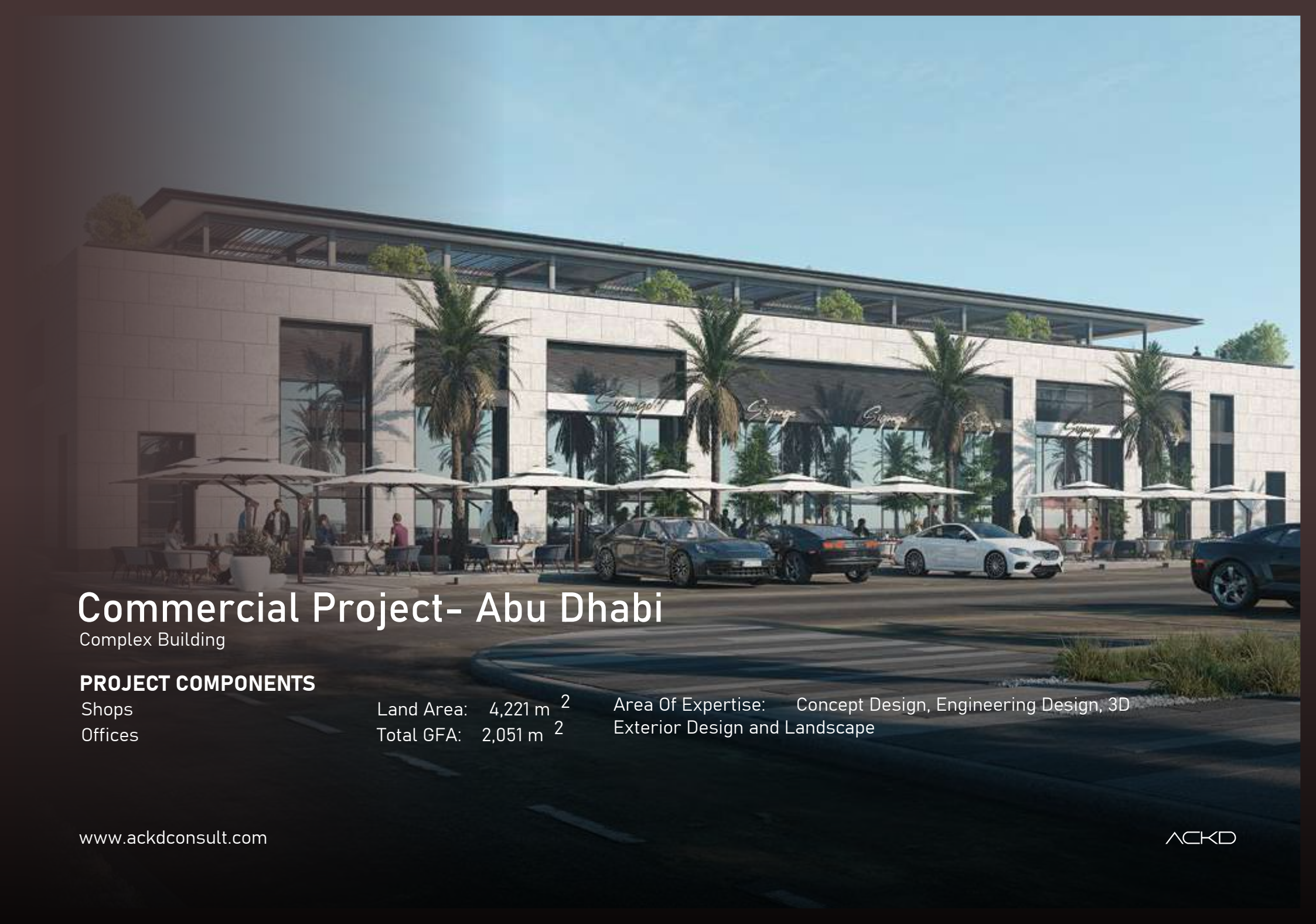
## AREAS OF EXPERTISE

Concept Design, Engineering Design, 3D Exterior Design and Landscape









# Commercial Project- Abu Dhabi

Complex Building

## PROJECT COMPONENTS

Shops

Offices

Land Area: 4,221 m<sup>2</sup>

Total GFA: 2,051 m<sup>2</sup>

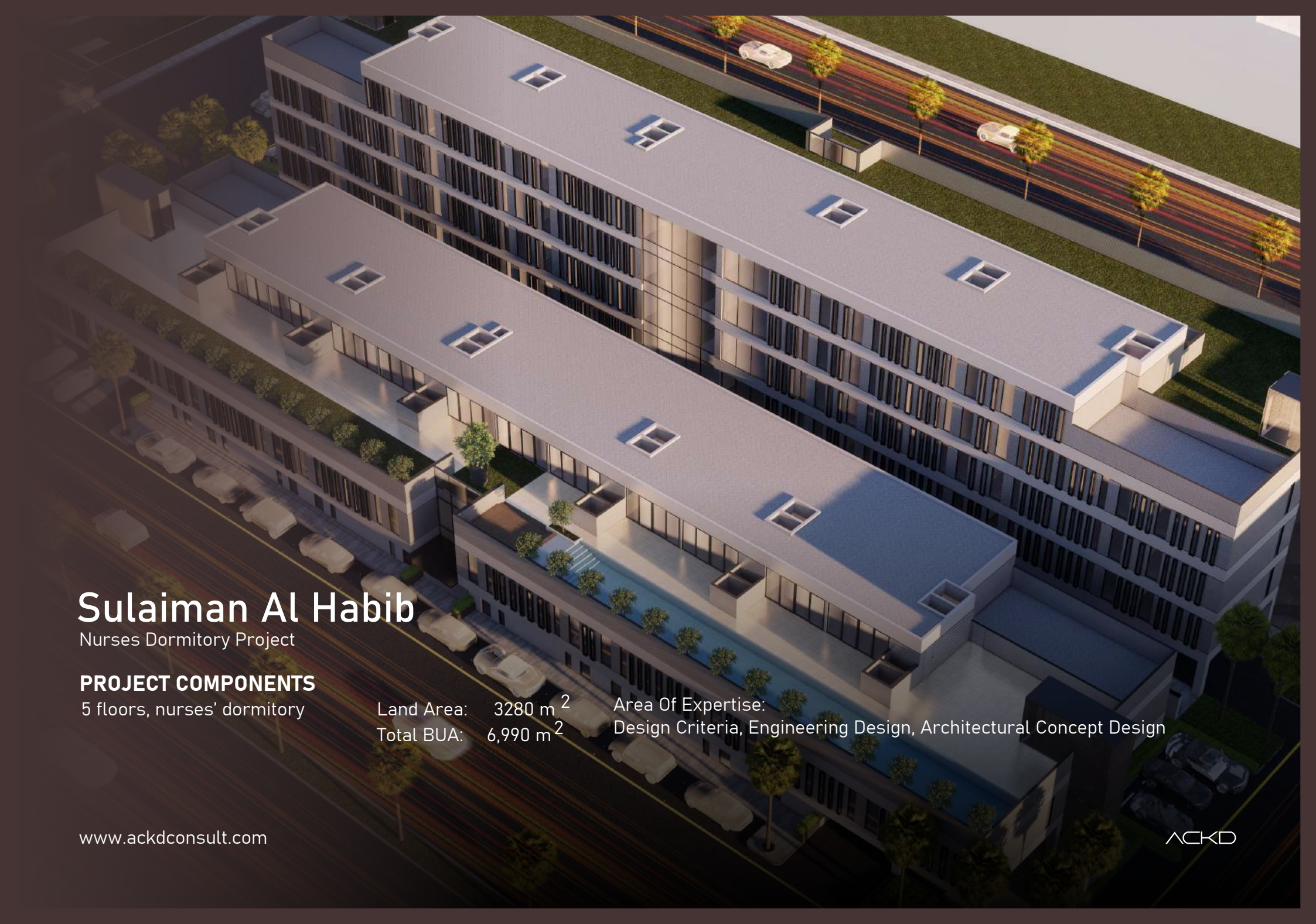
Area Of Expertise: Concept Design, Engineering Design, 3D  
Exterior Design and Landscape





Signage





# Sulaiman Al Habib

Nurses Dormitory Project

## PROJECT COMPONENTS

5 floors, nurses' dormitory

Land Area: 3280 m<sup>2</sup>  
Total BUA: 6,990 m<sup>2</sup>

Area Of Expertise:  
Design Criteria, Engineering Design, Architectural Concept Design

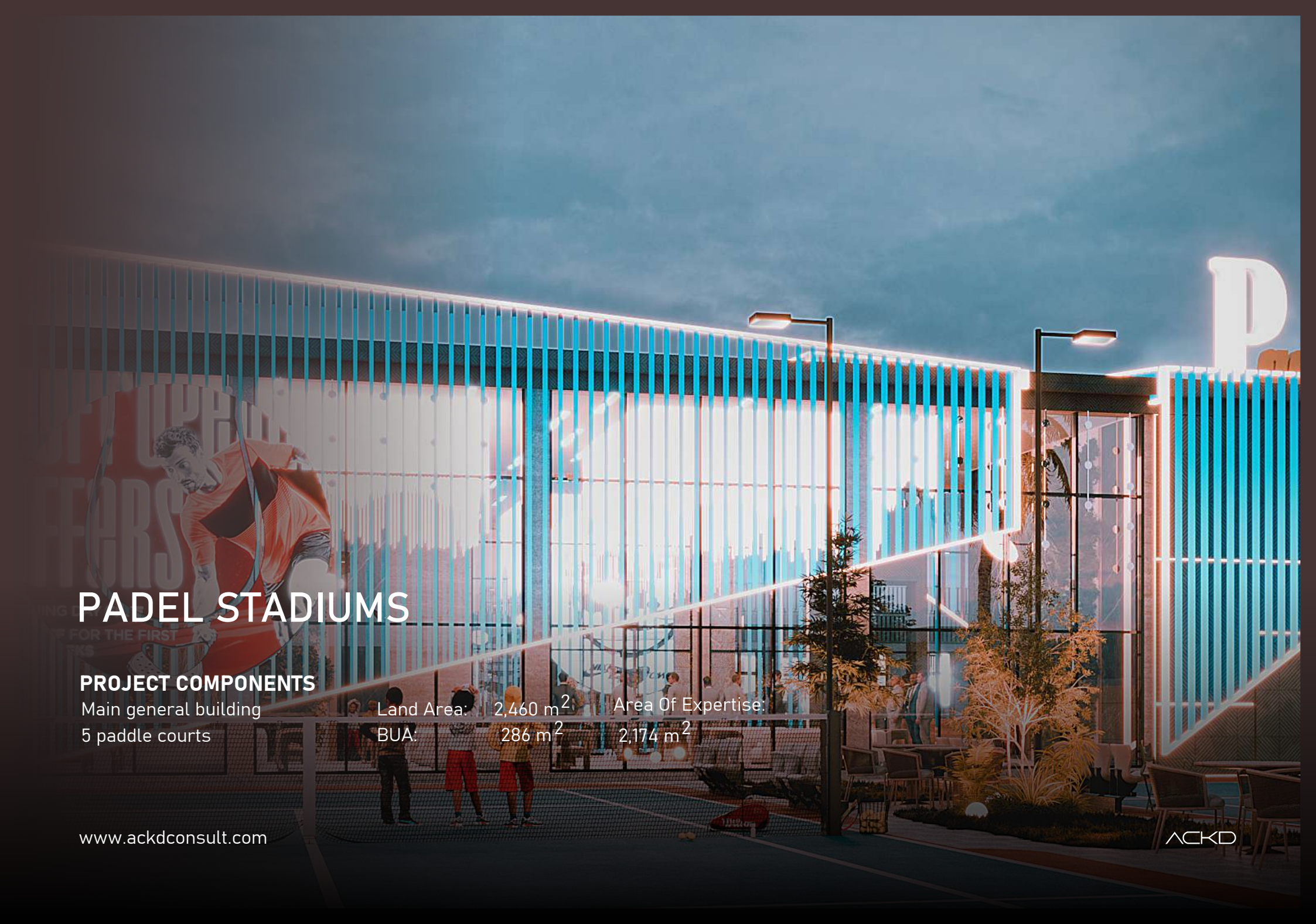
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# PADEL STADIUMS

## PROJECT COMPONENTS

Main general building  
5 paddle courts

|            |                      |                      |
|------------|----------------------|----------------------|
| Land Area: | 2,460 m <sup>2</sup> | Area Of Expertise:   |
| BUA:       | 286 m <sup>2</sup>   | 2,174 m <sup>2</sup> |

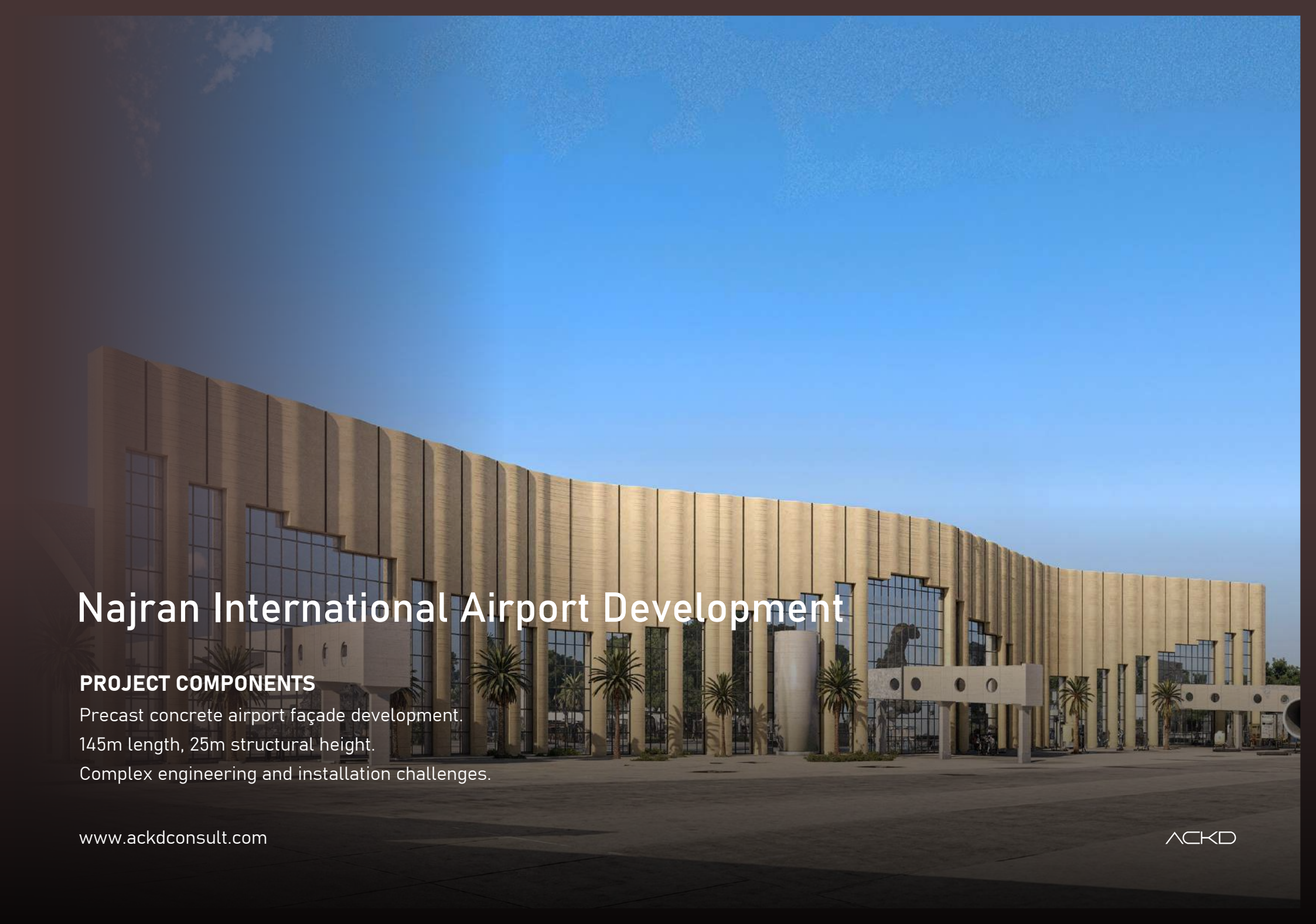
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An architectural rendering of the Najran International Airport terminal building. The building is a long, curved structure with a facade made of vertical precast concrete panels. It features large glass windows and doors. In front of the building is a paved plaza with several palm trees and a small, modern entrance structure. The sky is clear and blue.

# Najran International Airport Development

## PROJECT COMPONENTS

Precast concrete airport façade development.

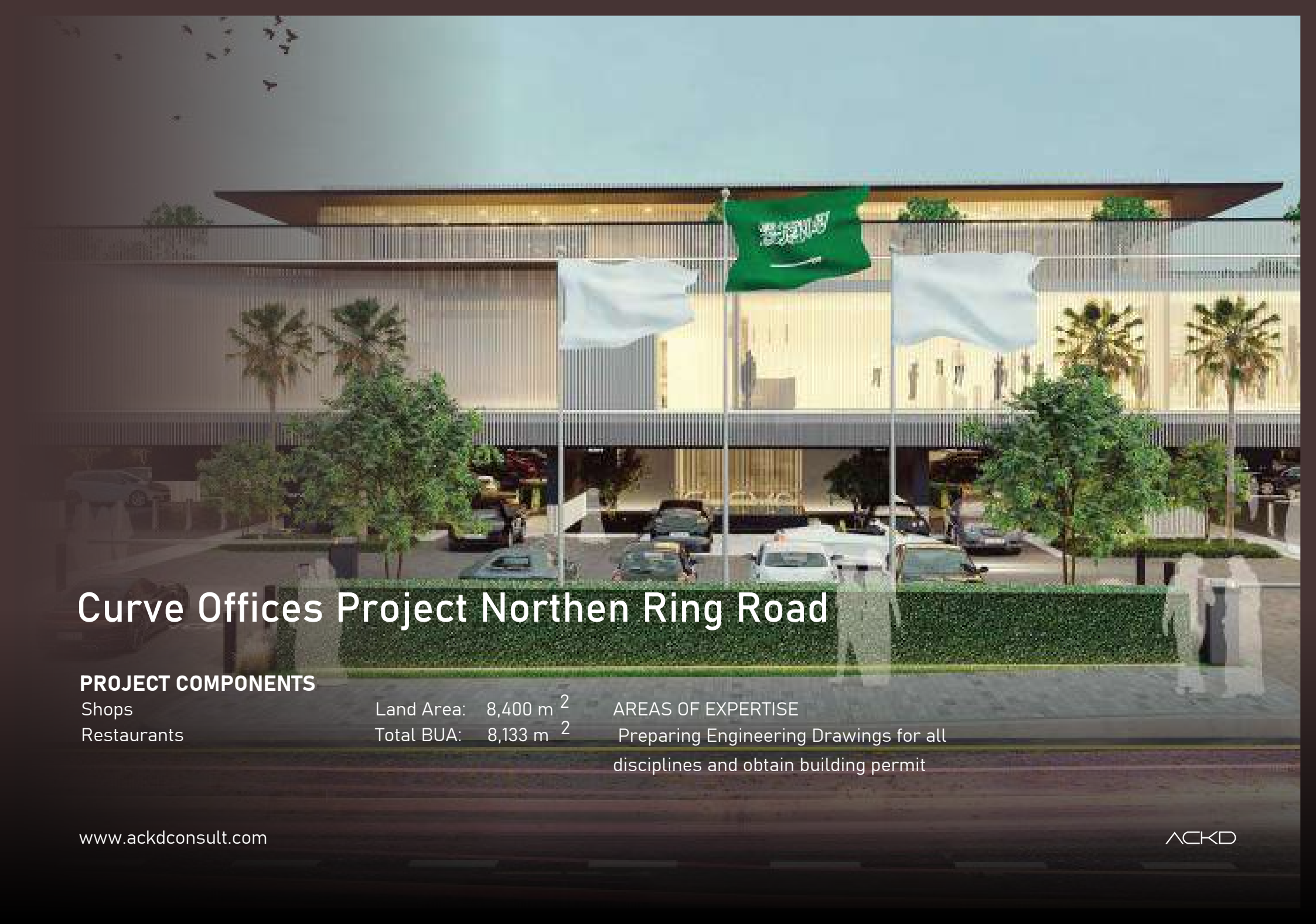
145m length, 25m structural height.

Complex engineering and installation challenges.









# Curve Offices Project Northern Ring Road

## PROJECT COMPONENTS

Shops  
Restaurants

Land Area: 8,400 m<sup>2</sup>  
Total BUA: 8,133 m<sup>2</sup>

## AREAS OF EXPERTISE

Preparing Engineering Drawings for all disciplines and obtain building permit





# Madaen

## PROJECT COMPONENTS

Land Area: 7,930.00 m<sup>2</sup>

Total GFA: 12,068.16 m<sup>2</sup>

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# Residential Tower | Luxury Apartments

## PROJECT COMPONENTS

Land Area: 2672 m<sup>2</sup>

Total BUA: 25702 m<sup>2</sup>

Area Of Expertise: Concept Design, Engineering Design, 3D Exterior Design and Landscape

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**Residential Tower | Luxury Apartments**

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An aerial architectural rendering of the Al Ammariyah Resort. The resort features several large, modern buildings with light-colored facades and large glass windows. A central courtyard contains a green artificial turf soccer field enclosed by a fence. Surrounding the field are landscaped areas with trees, shrubs, and paved walkways. Several cars are parked in designated areas. The resort is situated in a desert environment with palm trees and sandy ground visible in the background.

# Al Ammariyah Resort

## PROJECT COMPONENTS

Land Area: 13,622 m<sup>2</sup>

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An aerial architectural rendering of the Mulham Resort. The resort features a large, irregularly shaped swimming pool with a curved edge and a small bridge crossing it. The pool is surrounded by a paved deck with lounge chairs and palm trees. To the left of the pool is a circular seating area with a fire pit. In the foreground, there is a parking lot with several cars and a covered walkway. The resort is bordered by a road on the right and a fence on the left. The architecture is modern with a mix of brick and wood cladding.

# Mulham Resort

## PROJECT COMPONENTS

Land Area: 10,000 m<sup>2</sup>

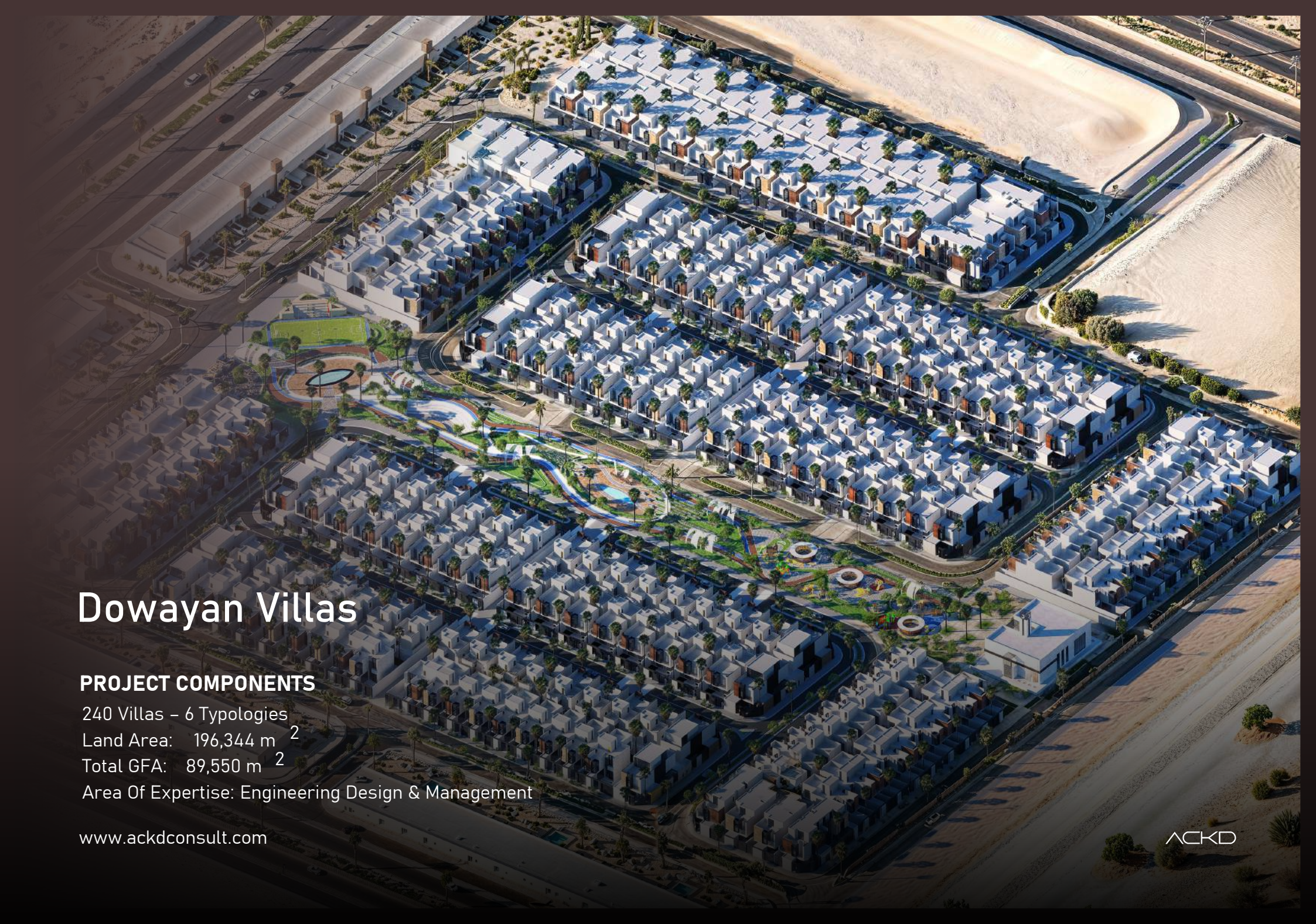
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# Dowayan Villas

## PROJECT COMPONENTS

240 Villas – 6 Typologies

Land Area: 196,344 m<sup>2</sup>

Total GFA: 89,550 m<sup>2</sup>

Area Of Expertise: Engineering Design & Management

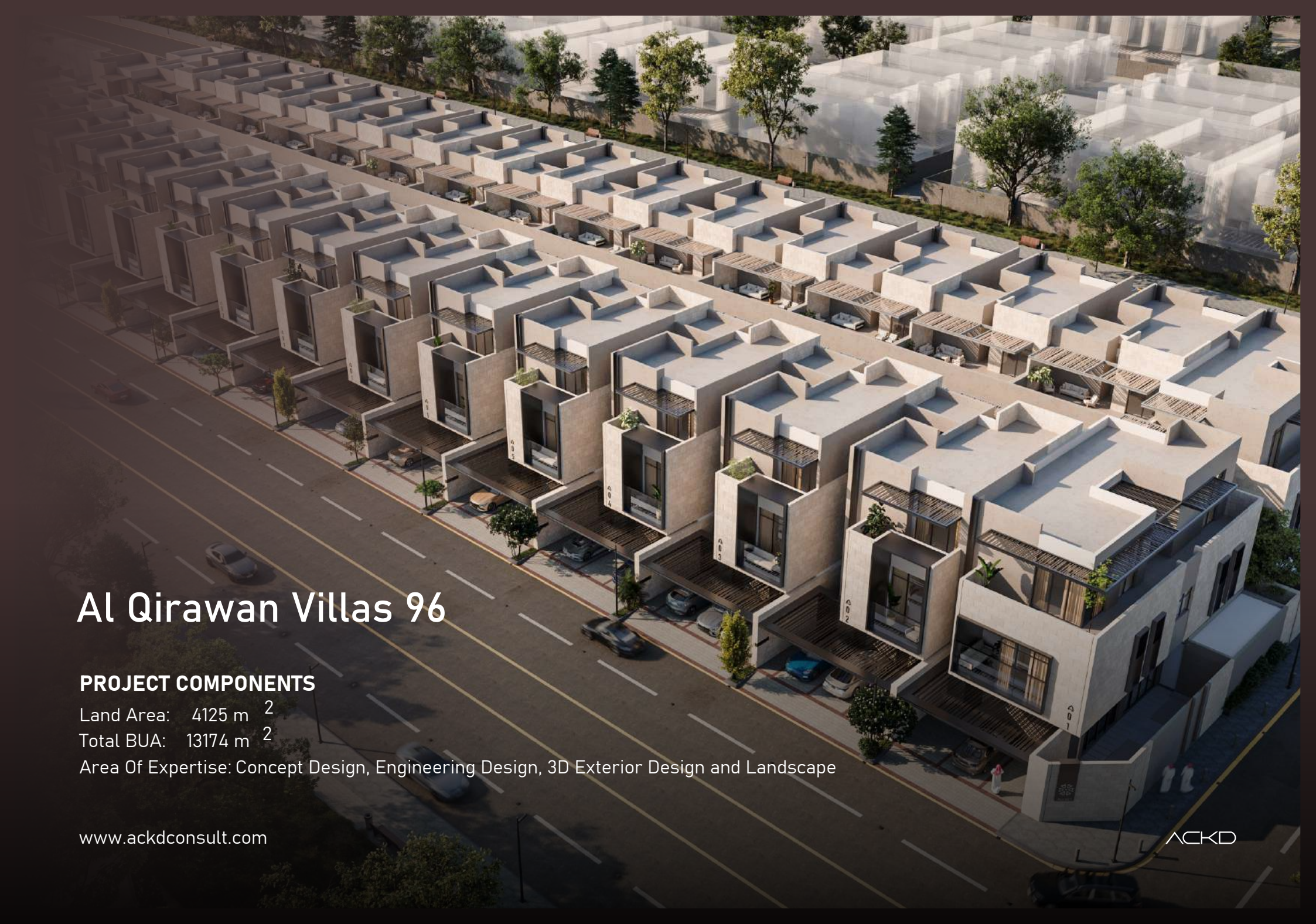
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# Al Qirawan Villas 96

## PROJECT COMPONENTS

Land Area: 4125 m<sup>2</sup>

Total BUA: 13174 m<sup>2</sup>

Area Of Expertise: Concept Design, Engineering Design, 3D Exterior Design and Landscape

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# Real Estate Development Project | Al-Qirawan

## PROJECT COMPONENTS

Land Area: 3,200 m<sup>2</sup>

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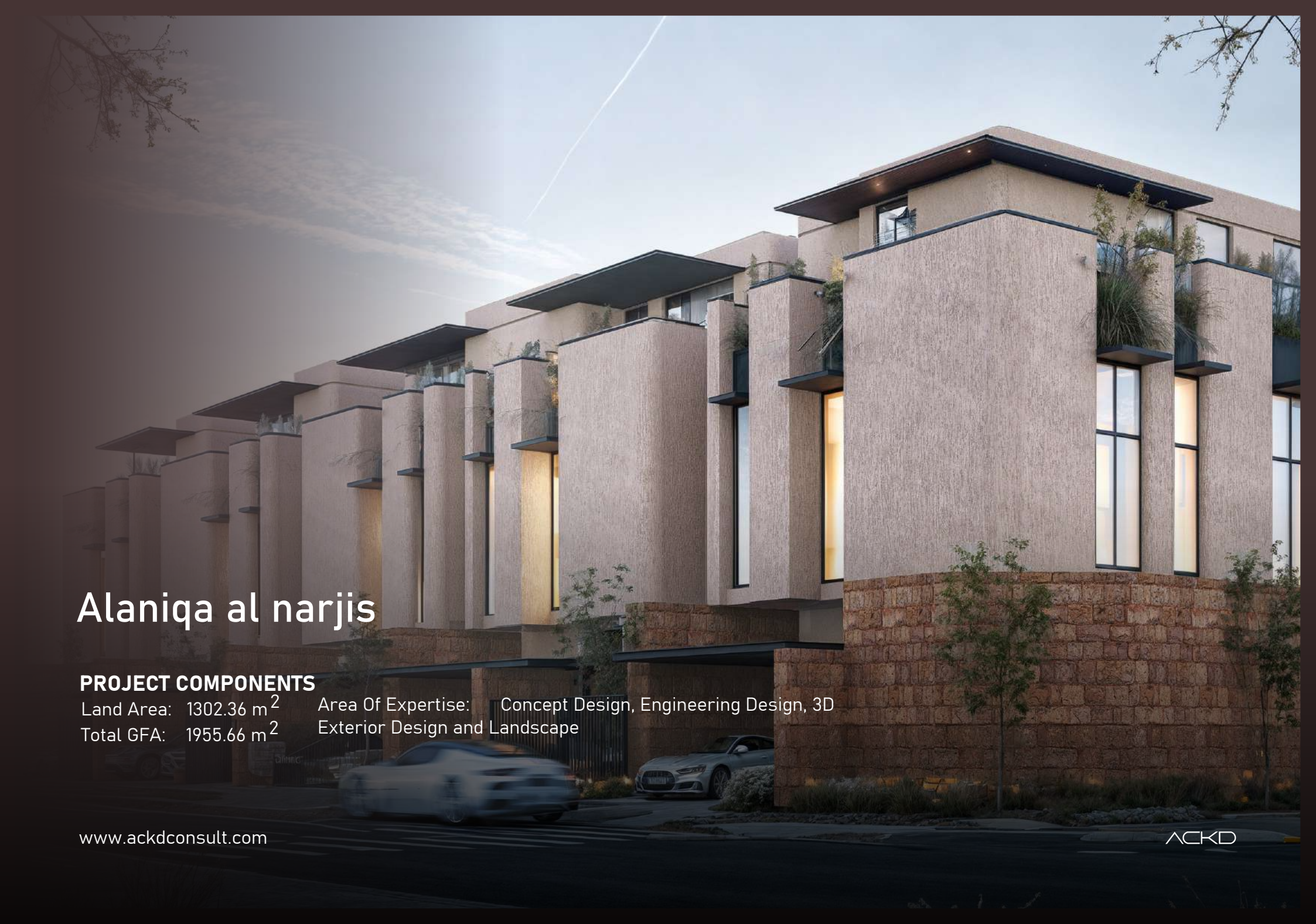




B01

B01





# Alaniqa al narjis

## PROJECT COMPONENTS

Land Area: 1302.36 m<sup>2</sup>

Total GFA: 1955.66 m<sup>2</sup>

Area Of Expertise: Concept Design, Engineering Design, 3D  
Exterior Design and Landscape





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Alaniqa al narjis

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# Kana

## PROJECT COMPONENTS

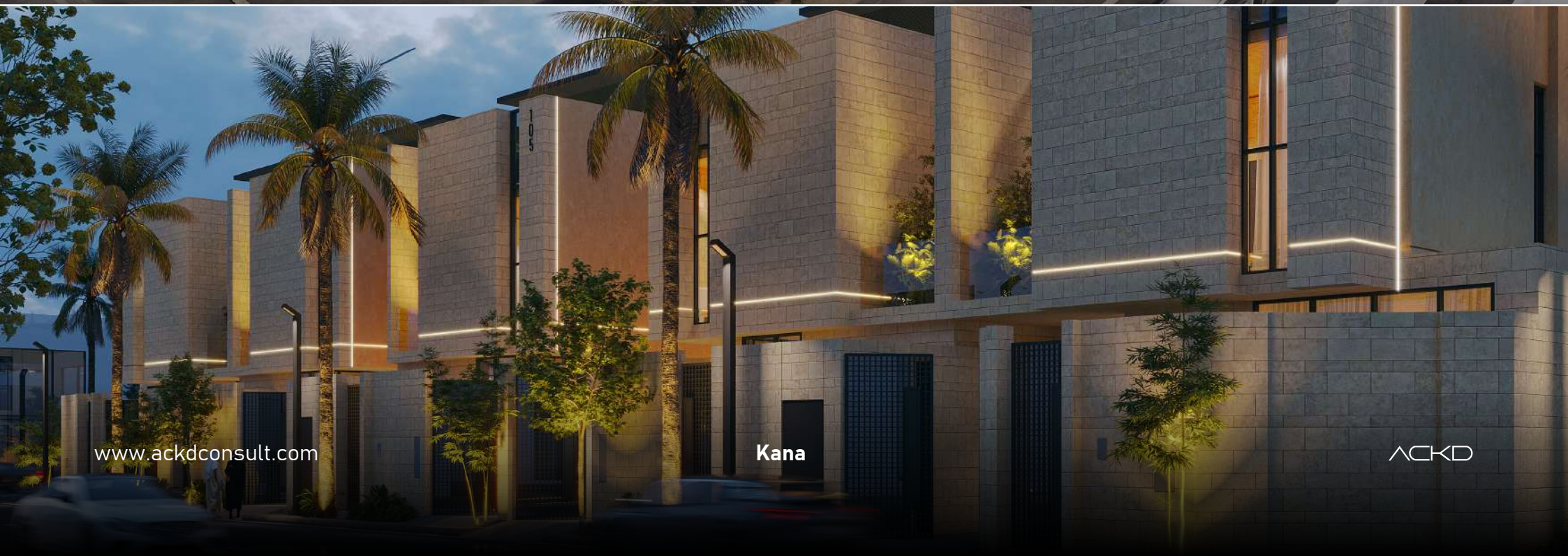
Land Area: 2100 m<sup>2</sup>

Area Of Expertise: Concept Design, Engineering Design, 3D  
Exterior Design and Landscape

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD







# Mithaaq

## PROJECT COMPONENTS

Land Area: 730 m<sup>2</sup>

Total GFA: 1290 m<sup>2</sup>

Area Of Expertise: Concept Design, Engineering Design, 3D

Exterior Design and Landscape

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD





[www.ackdconsult.com](http://www.ackdconsult.com)

Mithaaq



ACKD



# Nahdet Alnarjes

## PROJECT COMPONENTS

Land Area: 1,500 m<sup>2</sup>

Total BUA: 2,070 m<sup>2</sup>

Area Of Expertise: Concept Design, Design Criteria, Engineering Design Drawings

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD







An architectural rendering of a modern, multi-story residential building named 'Golden Hills'. The building features a light-colored stone or concrete facade with large glass windows and balconies. Two vertical signs on the building read 'GOLDEN HILLS'. The ground floor has large glass storefronts, and the upper floors have balconies with glass railings. A person is visible on one of the balconies. The building is surrounded by landscaping, including palm trees and shrubs. Several cars are parked in front of the building. The sky is blue with some clouds.

# Golden Hills

## PROJECT COMPONENTS

Land Area: 900 m<sup>2</sup>





GOLDEN HILLS

GOLDEN HILLS

A110

A 11

A112



03

# AOR Services



# ARCHITECT OF RECORD SERVICES

ACKD Consult provide the following services in Architect Of Record:

AOR services (Architect Of Record services) related to obtaining a license and approval for projects. The license and approval obtained from many accreditation bodies, like :

- Balady system services (KSA).
- Regulations of Saudi Ministry of Municipal and Rural Affairs and Housing (MOMRA).
- Diriyah Gate Development Authority (DGDA).
- General Authority for Civil Aviation (GACA).
- Ministry of Transport
- Regulations of (TBC) Tatweer Buildings Company (Saudi Ministry of Education).
- Royal committee of Riyadh city.
- Diriyah Gate Development Authority.
- Regulations of Saudi Ministry of Tourism (MT).
- Regulations of Saudi Ministry of Health (MOH).
- Architectural Requirements of Civil Defense.
- Regulations of Ministry of Islamic Affairs, Dawah and Guidance (MOIA).
- SEC, NWC, STC, CD, MOI, MOH.



04

# Interior Design

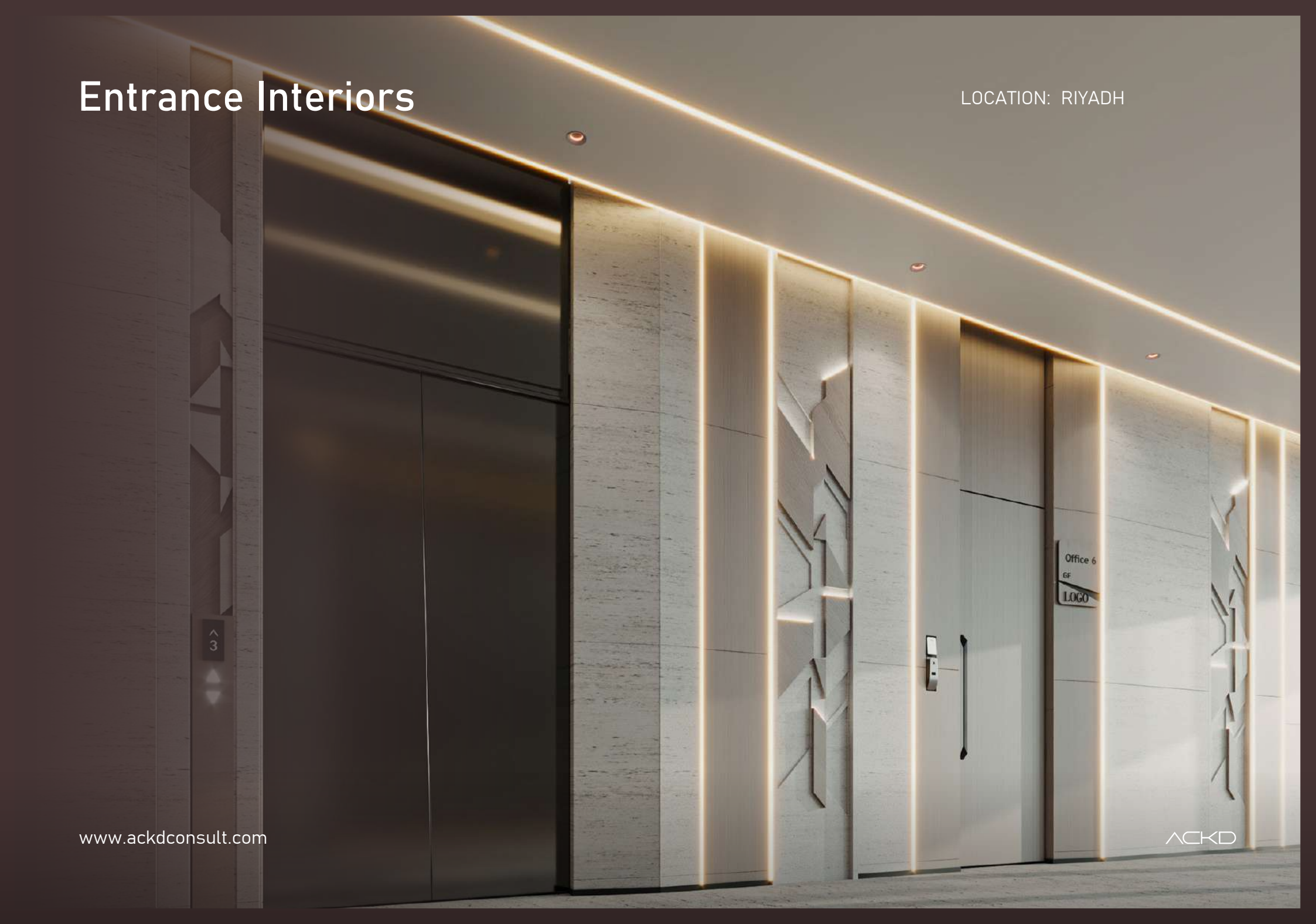


# Entrance Interiors

LOCATION: RIYADH

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD









# Villa Interiors

LOCATION: RIYADH

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD

ACKD





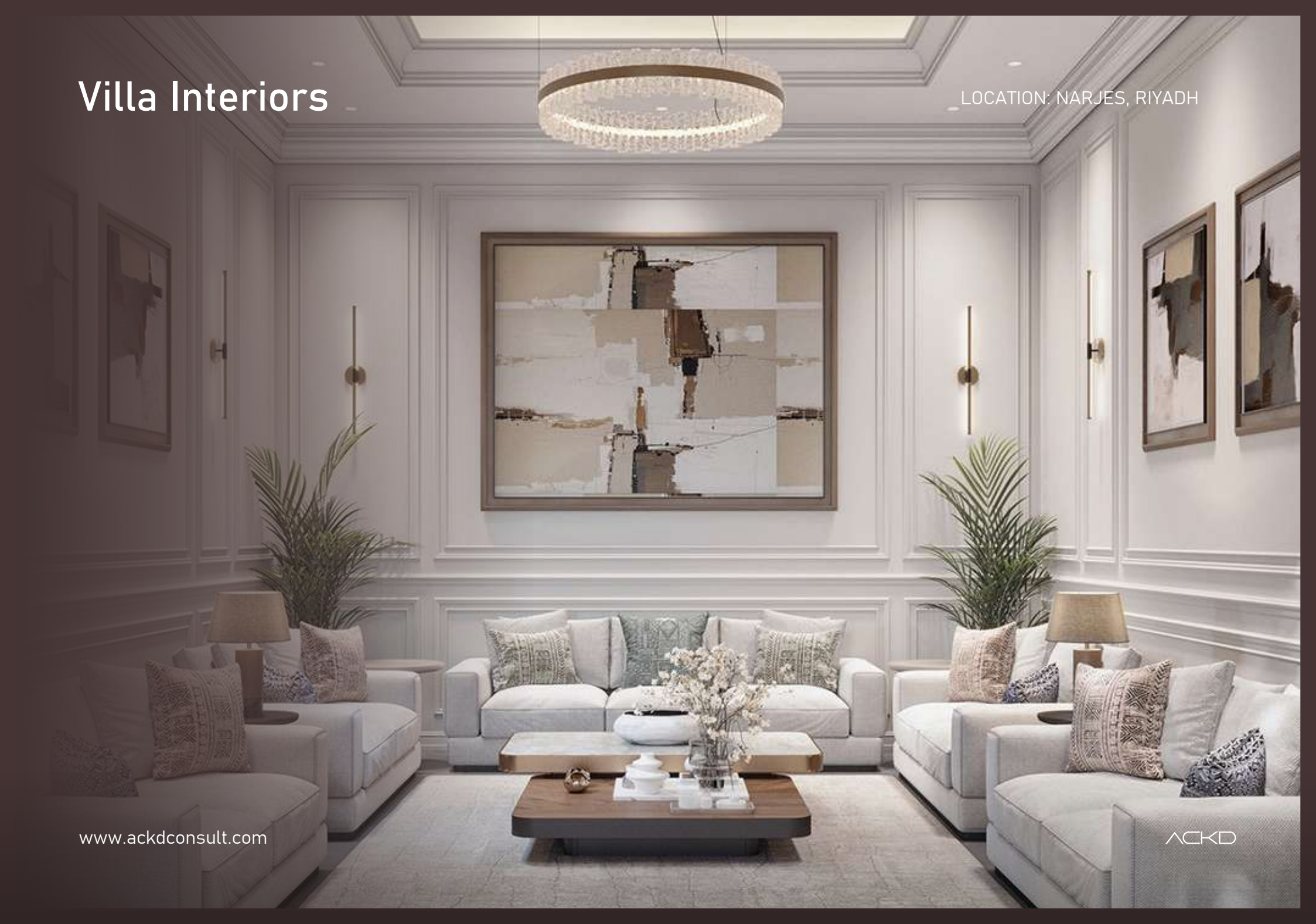


# Villa Interiors

LOCATION: NARJES, RIYADH

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD







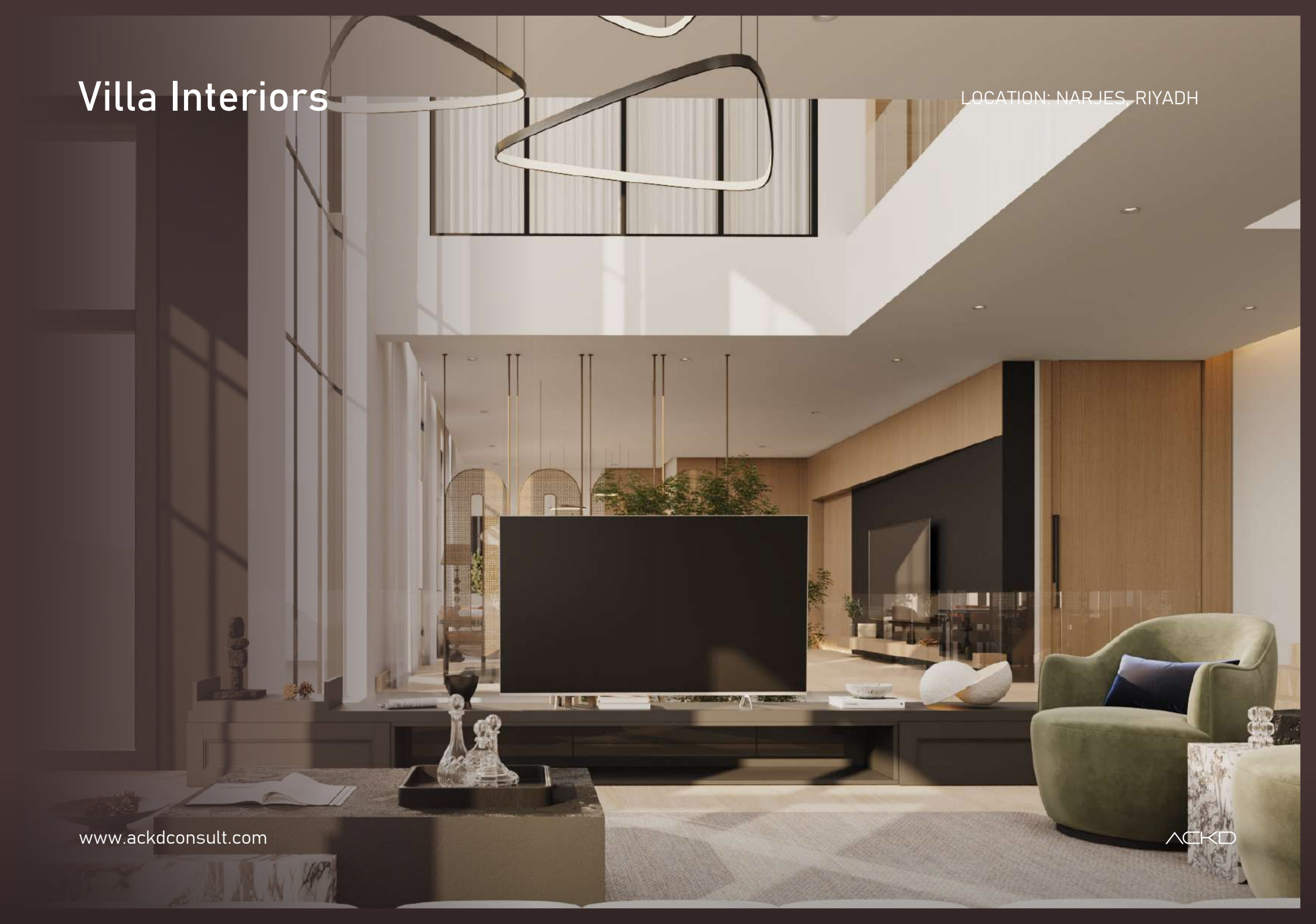


# Villa Interiors

LOCATION: NARJES, RIYADH

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD







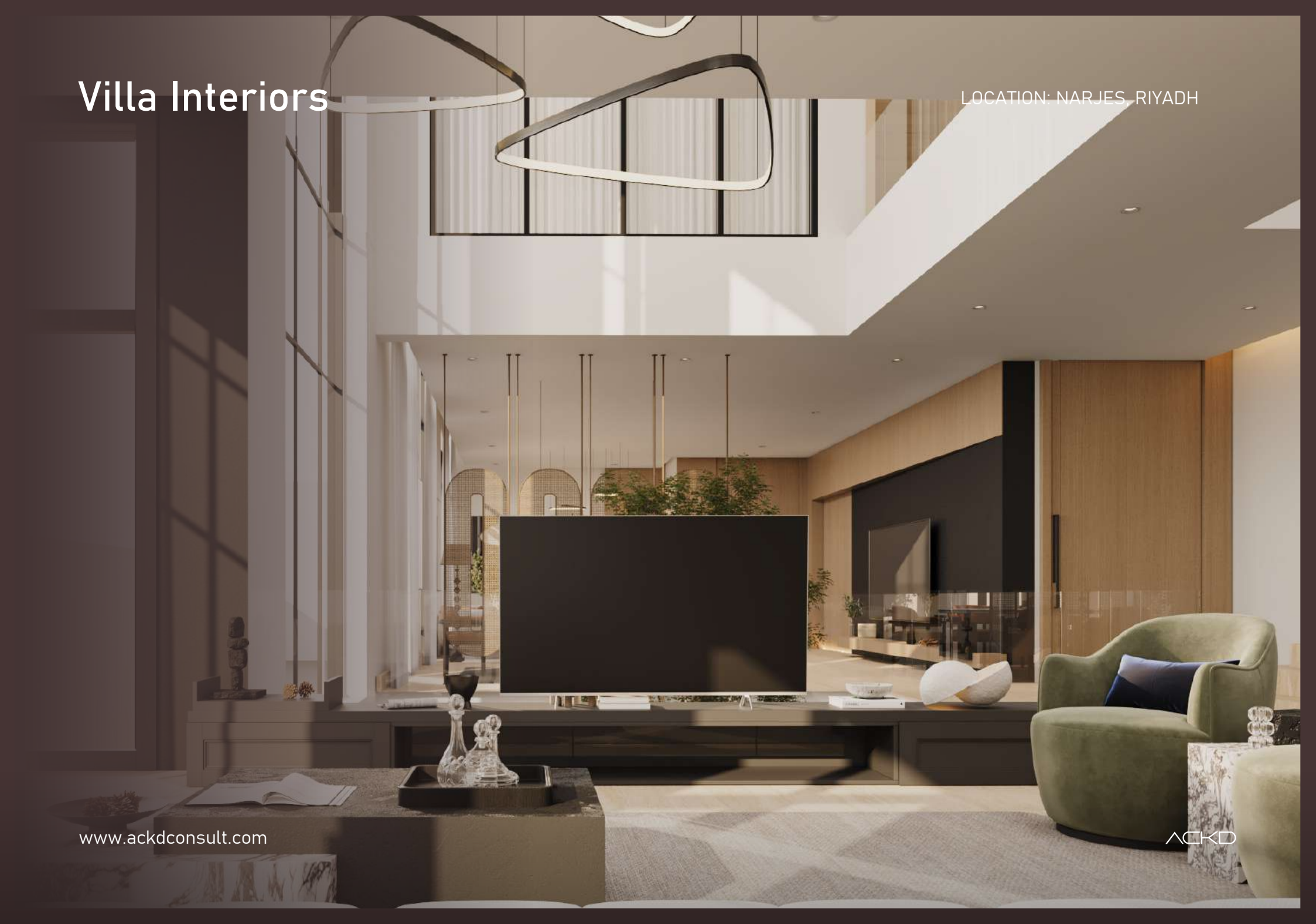


# Villa Interiors

LOCATION: NARJES, RIYADH

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD











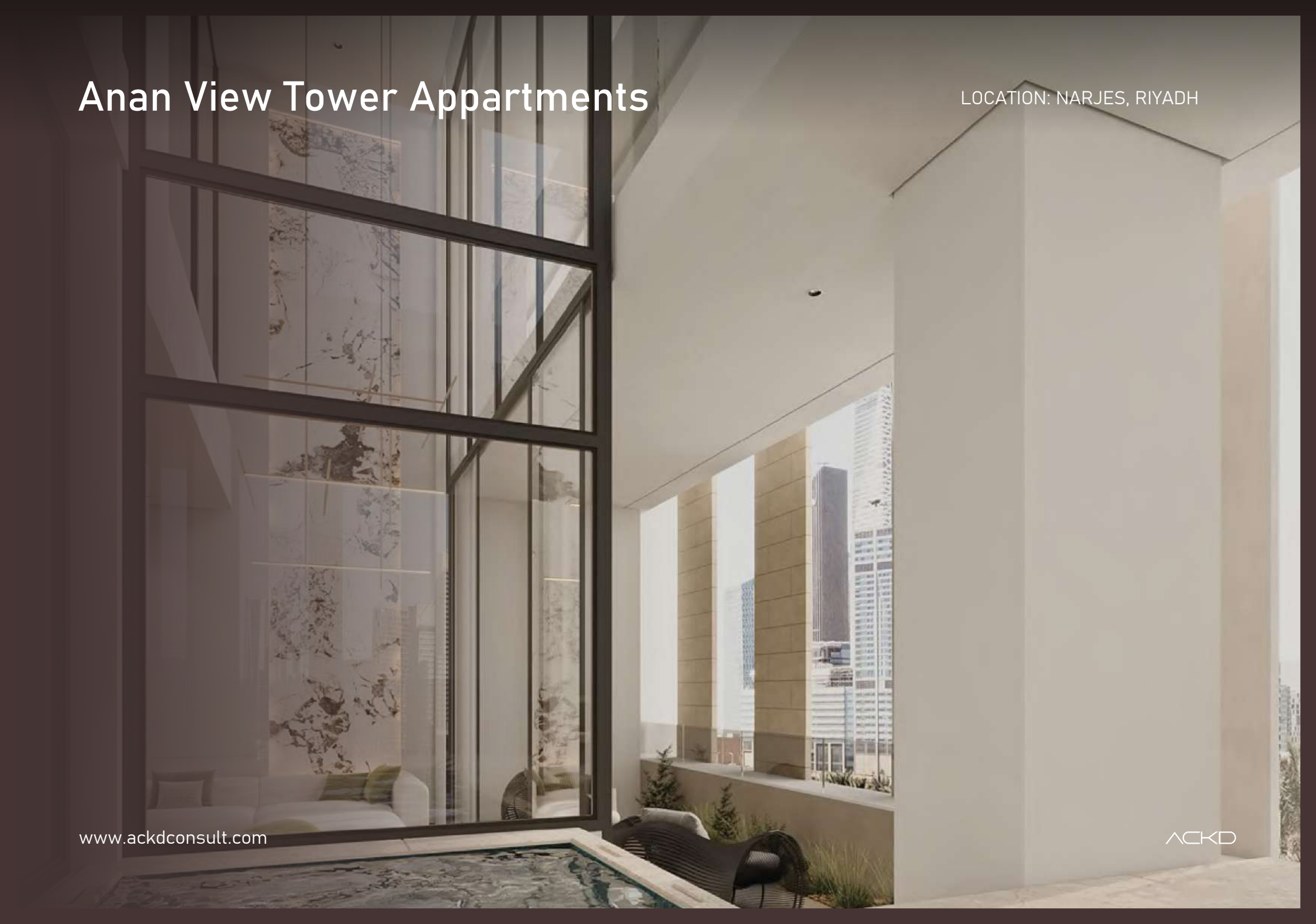


# Anan View Tower Apartments

LOCATION: NARJES, RIYADH

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



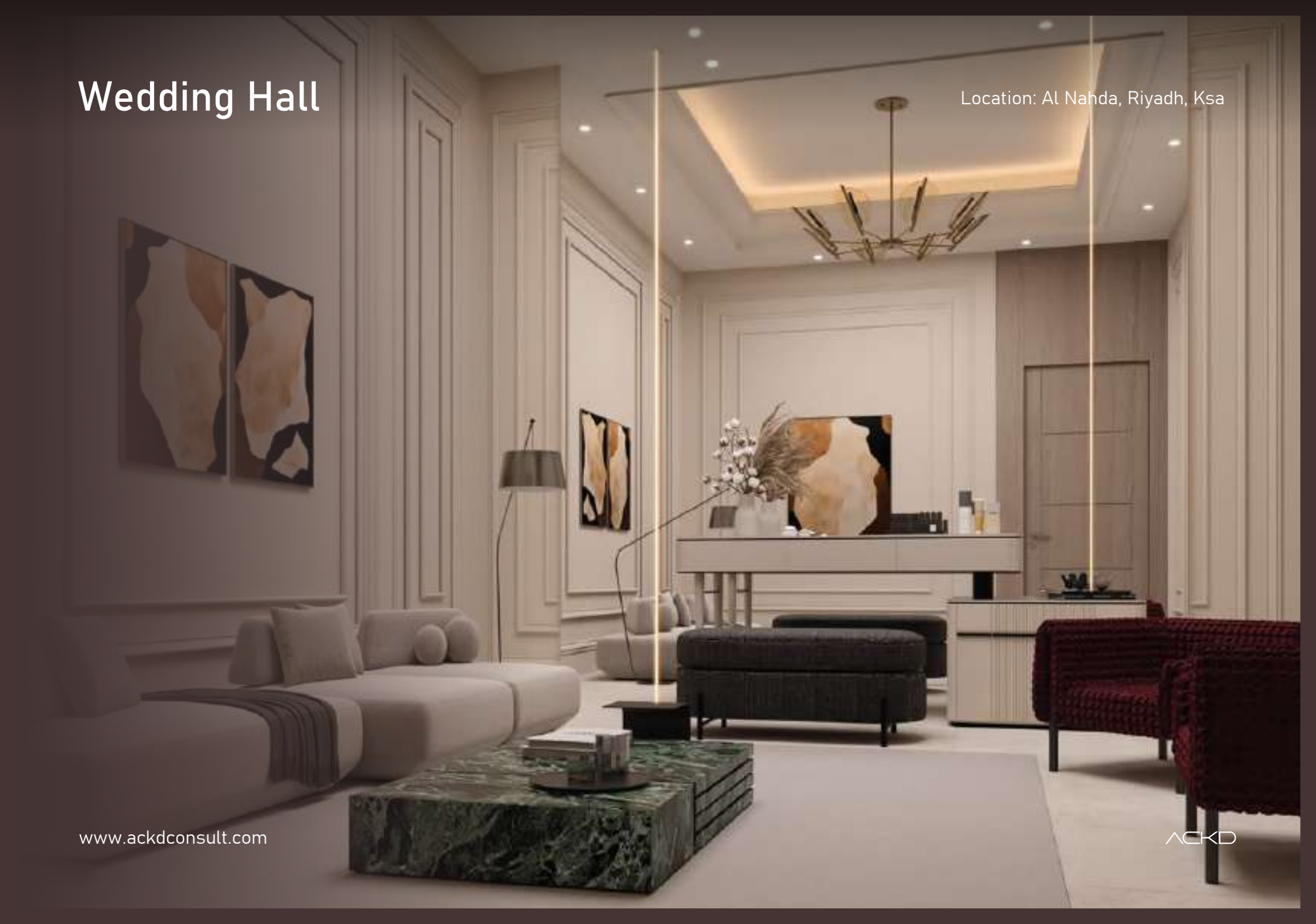






# Wedding Hall

Location: Al Nahda, Riyadh, Ksa











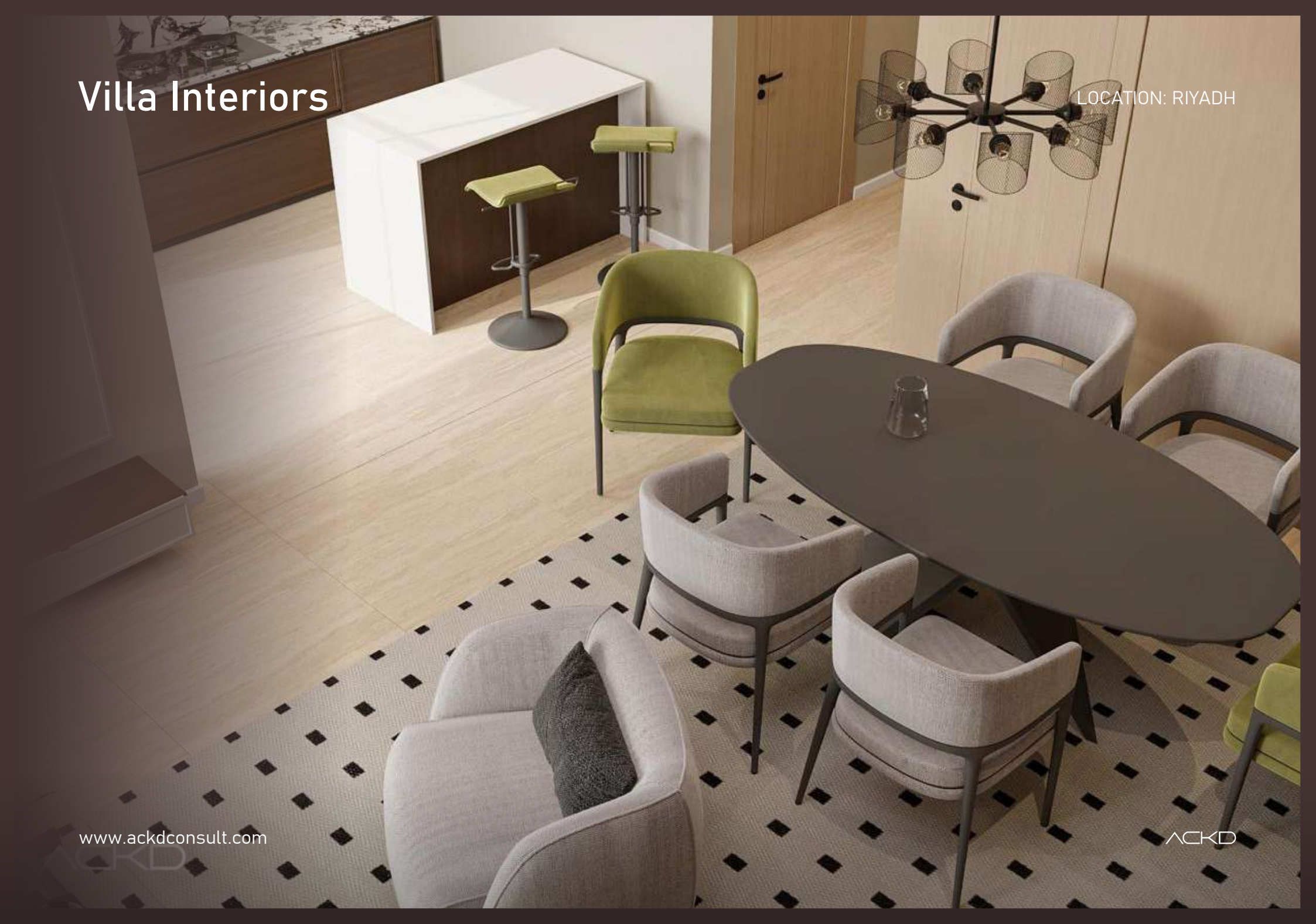


# Villa Interiors

LOCATION: RIYADH

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD













# Villa Interiors

LOCATION: RIYADH







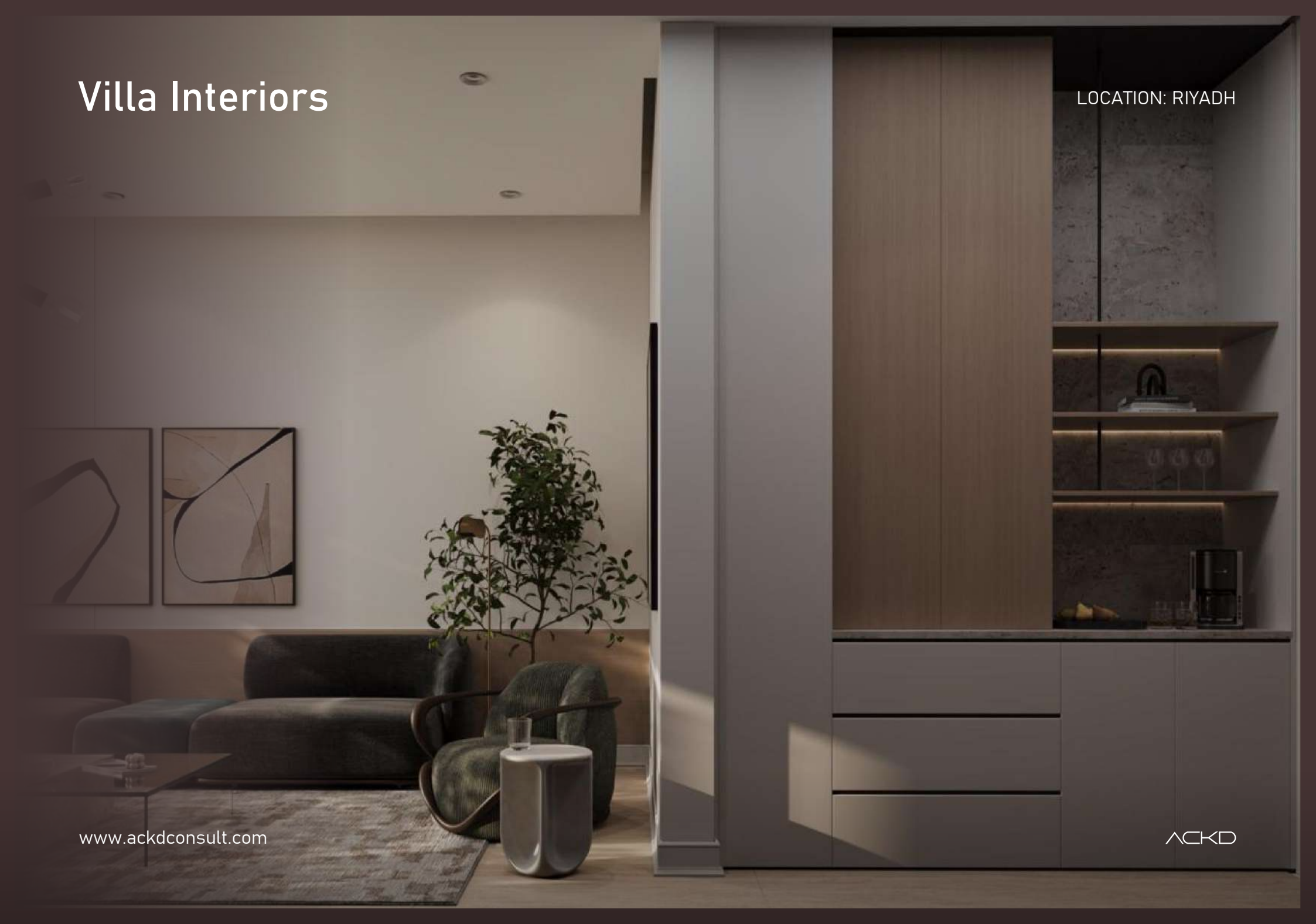


# Villa Interiors

LOCATION: RIYADH

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD









05

# Supervision & Project Management

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



# GALLERY OF PROJECTS

Our experience includes many types of occupancies and buildings:

1

Entertainment

2

Industrial

3

Commercial

4

Residential

5

Educational

6

Health care

7

High-Rise



# WE ARE SPECIALIZED AT

1

Review of drawings and specifications.

2

Supervision inspection.

3

Approval of materials

4

Review and approval of contractors' invoices.

5

Make weekly and monthly reports for client .

6

Submit the required reports for AMANA & WAFI.



Real Estate Developer :



Fund Manager :



بلوم إنفست  
BLOMINVEST

# KING FAHAD TOWER

Olaya Street Riyadh

Design Review.

Construction Supervision.

Project Documentation and Reporting:

Achieving the targeted level of quality for the project.

Controlling the project budget.

Completing the project within the specified timeframe.

Client: Almashari Aloula

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer :



للاستثمار العقاري

# Nawa Tower

Riyadh

Design Review.

Construction Supervision.

Project Documentation and Reporting:

[www.ackdconsult.com](http://www.ackdconsult.com)

Achieving the targeted level of quality for the project.

Controlling the project budget.

Completing the project within the specified timeframe.

Client: Nawa Real Estate

ACKD



Real Estate Developer :



Fund Manager :



# Anan Real Estate Residential Tower

3 basements, 27 floor levels

Land Area: 900 m<sup>2</sup>

Design Review.

Construction Supervision.

Project Documentation and Reporting:

Achieving the targeted level of quality for the project.

Controlling the project budget.

Completing the project within the specified timeframe.

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Fund Manager :



بليوم انفست  
BLOMINVEST

Operator :



HYATT  
REGENCY

# Sahafa Tower

4 basements, 28 floor levels , Roof  
Land Area: 1800m<sup>2</sup>

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer :



# Supervision of Commercial-residential Building

4 basements, 20 floor levels , Roof

Land Area: 2450 m2

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Abdulaziz Al Dhiab & Brothers  
Real Estate Developer : عبد العزيز الذياب واخوانه

# Al-Thiyab Tower

Riyadh

Design Review.

Project Management Consultant.

Client: Abdulaziz Althiyab Company

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer :



كلمة للتطوير والاستثمار العقاري  
Kelma Real Estate Investment & Development

# Kalima Tower

Riyadh

Design Review.

Project Management Consultant.

[www.ackdconsult.com](http://www.ackdconsult.com)

Client: Kalima Real Estate Development

ACKD



Real Estate Developer :



Fund Manager :



# Palms Tower

Riyadh

Supervision  
reporting wafi

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD





Real Estate Developer :  
أراماك  
ARAMAK  
العقارية  
REAL ESTATE

Operator :  
MARRIOTT

Sheraton

Fund Manager :  
الراجحي المالية  
alrajhi capital



# Aramak Real Estate Mixed- Use Development

Land Area : 40,000 m2

Design Review.

Construction Supervision.

Project Documentation and Reporting:

Achieving the targeted level of quality for the project.

Controlling the project budget.

Completing the project within the specified timeframe.

[www.ackdconsult.com](http://www.ackdconsult.com)

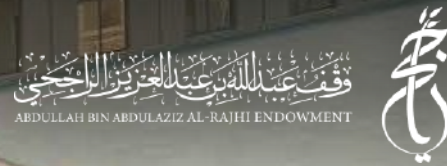
ACKD



Real Estate Developer :



Owner :



# Officers District Hotel

Land Area: 48000 m2

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer : 

Owner :   
ABDULLAH BIN ABDULAZIZ AL-RAJHI ENDOWMENT

# Officers District Hotel

Land Area: 10000 m2

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer :



Fund Manager :

صكوك  
Sukuk Capital

# Supervision of residential Building

Land Area: 7732 m<sup>2</sup>

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer :



Fund Manager :



# Al-Yasmin Villas

20 Villa

Client: Almashari Aloula

Location: Alyasmin Destrict

Status: Finished

SOW: Supervision

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Mohammed bin Sulaiman Al Habib Real Estate  
Real Estate Developer : محمد بن سليمان الجيب العقارية

# Hayaz Project

Residential Villas located in Riyadh KSA Total Built up area = 13,500 m2 16 residential villas and 9 residential buildings.

Design .

Project Management Consultant.

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer :



**IQ Real Estate**  
آي كيو العقارية

Fund Manager :



# Masharef Hills Villas

19 Villa

Client: IQ Real Estate

Location: Narjes Destrict

Status: Finished

SOW: Design & Supervision

[www.ackdconsult.com](http://www.ackdconsult.com)

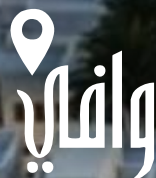
ACKD



Real Estate Developer :



Fund Manager :



# Al-Mohamadiah (2,3) Villas

21 Villa

Client: Almashari Aloula

Location: Almohamdiah Destrict

Status: Finished

SOW: Supervision

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer :



**IQ Real Estate**  
آي كيو العقارية

# Adwar Tanal

20 villas \_ 60 floors

Land Area = 8120

Design Review.

Construction Supervision.

Project Documentation and Reporting:

Achieving the targeted level of quality for the project.

Controlling the project budget.

Completing the project within the specified timeframe.

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



Real Estate Developer :



Fund Manager :



# Qurtubah Villas Project

Riyadh

Design Review.

Project Management Consultant.

Client: Almashari Aloula

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



# Project B1578 | Commercial Office Building

Riyadh

Design Review.

Project Management Consultant.

Client: Raven Real Estate



Real Estate Developer :



## Al-Ma'alem Park

Project Area: 28,000 sqm

Number of Floors: Basement + 4 Floors

Client: Ajbāl Real Estate Development

Design Review.

Construction Supervision.

Project Documentation and Reporting:

Achieving the targeted level of quality for the project.

Controlling the project budget.

Completing the project within the specified timeframe.



Real Estate Developer :



## Al-Zuhour Park

Project Area: 20,000 sqm

Number of Floors: Basement + 3 Floors

Client: Ajbāl Real Estate Development

Design Review.

Construction Supervision.

Project Documentation and Reporting:

Achieving the targeted level of quality for the project.

Controlling the project budget.

Completing the project within the specified timeframe.

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



A dark, monochromatic illustration of a firefighter in profile, facing right. The firefighter is wearing a helmet with a light on the side and is holding a tablet computer with both hands. The background is a solid dark color.

06

# Fire & Life Safety Portfolio



# FIRE SAFETY SERVICES

## C. Fire and Life Safety Consulting

- Design of Fire Protection Systems
  - Firefighting systems
  - Fire Detection & Alarm Systems
  - Ventilation and Smoke systems
  - Emergency light and Emergency power.
  - Evacuation routes and plans.
  - Life Safety Plans.

- Hand over Projects to CD.
  - Hand over All project to AHJ with a release operation license

- Supervision
  - Supervision the installation of fire safety systems.

- Design Review
  - Design Review of all fire safety systems.

- Fire Engineering Studies
  - Fire & Smoke Modelling
  - Evacuation Modelling.

- Approval From CD, HCIS, MODON
  - Approval of all FLS drawings and reports from Civil Defense and other AHJ

- Inspection, Testing, and handover
  - Inspect the fire safety system according to the applicable codes.
  - Testing of all fire safety systems.



# Approval Certificate Form Civil Defense

[تسجيل الدخول](#) [سجل الآن](#) [En](#)

سلامة  
Salamah

المكاتب الهندسية والفنية المعتمدة

منطقة الرياض

المنطقة

مكتب استشاري

نوع المكتب

الرياض

المدينة

أكد

اسم المكتب الفني / الاستشاري

رقم التحقق \*

928459

عوده

مسح

بحث

| الرقم | اسم المكتب الفني / الاستشاري               | اسم الفرع                                  | نوع المكتب   | العنوان                                       | المدينة | المنطقة      | معلومات الاتصال                                                   | الفرع |
|-------|--------------------------------------------|--------------------------------------------|--------------|-----------------------------------------------|---------|--------------|-------------------------------------------------------------------|-------|
| 1     | شركة أكد للاستشارات الهندسية شركة شخص واحد | شركة أكد للاستشارات الهندسية شركة شخص واحد | مكتب استشاري | طريق الأمير محمد بن سلمان بن عبدالعزيز الربيع | الرياض  | منطقة الرياض | عبدالله صالح بن عبدالله آل بشر<br>966504560090<br>gmgr@ackdco.com |       |



# Previous Projects

## NEOM BAY AIRPORT PH 1& 2 - 3C STAGE

ACKD scope of work:

- > 3rd Party Peer Review
- > Approval of all fire safety Systems.
- > Testing & Commissioning





# Previous Projects

## NEOM Mobility Hub - 3C STAGE

ACKD scope of work:

- > Design review of fire safety systems.
- > Propose solutions on the design to comply with SBC requirements.
- > Preparing of Fire strategy report
- > Approval of all fire safety Systems.



نيوم NEOM

**BEC**

شركة بكين الإمارات  
Beijing Emirates Company





# Previous Projects

## NEOM Water Reservoir project - HCIS & LPFS

ACKD scope of work:

- > Design review of fire safety systems.
- > Propose solutions on the design to comply with HCIS requirements.
- > Approval of all fire safety Systems from HCIS -LPFS.



نيوم NEOM





# Previous Projects

## SINDALAH ISLAND - CLUSTERS (3,4,6) - 3C STAGE

ACKD scope of work:

- > Design review of fire safety systems.
- > Design Life Safety drawings.
- > Preparing of Fire strategy report
- > Approval of all fire safety Systems.





# Previous Projects

## AMAALA STAFF VILLAGE - ZONE 06a & 06b

ACKD scope of work:

- > Design review of fire safety systems.
- > Propose solutions on the design to comply with HCIS requirements.
- > Approval of all fire safety Systems from HCIS - LPFS.





# Previous Projects

## AMAALA Staff Housing Zone 4

ACKD scope of work:

- > Design review of fire safety systems.
- > Propose solutions on the design to comply with HCIS requirements.
- > Approval of all fire safety Systems from HCIS - LPFS.



Joint Venture





# Previous Projects

## SALINE Electrical Generator Building - Tofieh well, Jubail

ACKD scope of work:

- > Design review of fire safety systems.
- > Propose solutions on the design to comply with HCIS requirements.
- > Approval of all fire safety Systems from HCIS .





# Previous Projects

## SALINE Electrical Generator Building - Tofieh well, Jubail

ACKD scope of work:

- > Review and Approval of fire safety Systems.
- > Testing & Inspection of fire safety systems.
- > Handover to Civil Defense.

ACKD works include many restaurants in Bujiri project:

- > VILLA MAMAS
- > ANGELINA
- > HAKKASAN
- > Food Hall
- > LONG CHIM
- > SARABETH
- > CHEZ BRUNO





# Previous Projects

## Ministry of Culture Headquarters - DIRIYAH

ACKD scope of work:

- Review/Redesign and Approval of fire safety Systems.
- Testing & Inspection of fire safety systems.
- Handover to Civil Defense.





# Previous Projects

## ASSIR WATER TRANSMISSION SYSTEM

Scope:

Prepare Front End Engineering  
design for SAIS approval.





# Previous Projects

## Prince Sultan Bin Abdul Aziz City for Humanitarian Services

ACKD Consult Sow: Full Engineering design for the Extension part (614 beds) + FLS design review of existing buildings, inspection, and handover for the whole city.





# Previous Projects

## Hilton Riyadh

ACKD scope of work:

- > Assessment of fire safety systems according to SBC and Hilton requirements..
- > Redesign of Fire Safety drawings where required.
- > Preparing FLS BOQ.





# Previous Projects

## Riyadh Metro Project (Line 5&6 with FAST Consortium).



ACKD scope of work:

- > Fire & Life Safety design review.
- > Testing & Inspection o Fire Safety systems.
- > Handover to Civil Defense.



الهيئة الملكية لمدينة الرياض  
ROYAL COMMISSION FOR RIYADH CITY





# Previous Projects

## Riyadh Metro Project (Line 3 with ANM)



ACKD scope of work:

- > Fire & Life Safety design review.
- > Testing & Inspection of Fire Safety systems.
- > Handover to Civil Defense.



الهيئة الملكية لمدينة الرياض  
ROYAL COMMISSION FOR RIYADH CITY





# Previous Projects

## Several Towers at King Abdulla Financial District (KAFD)

- > KAFD - Tower Building Parcel 1.09
- > ACKD Consult Sow: Fire & Life Safety design review, inspection, and handover to Civil Defense.





# Previous Projects

## Several Towers at King Abdulla Financial District (KAFD)

- > KAFD - Tower Building Parcel 1.10
- > ACKD Consult Sow: Fire & Life Safety design review, inspection, and handover to Civil Defense





# Previous Projects

## Several Towers at King Abdulla Financial District (KAFD)

- > KAFD - Tower Building Parcel 1.11
- > ACKD Consult Sow: Fire & Life Safety design review, inspection, and handover to Civil Defense.





# Previous Projects

## Several Towers at King Abdulla Financial District (KAFD)

- > KAFD - Tower Building Parcel 1.14
- > ACKD Consult Sow: Fire & Life Safety design review, inspection, and handover to Civil Defense.





# Previous Projects

## Several Towers at King Abdulla Financial District (KAFD)

- > KAFD - Tower Building Parcel 1.15 (World Trade Centre)
- > ACKD Consult Sow: Fire & Life Safety design review, inspection, and handover to Civil Defense.





# Previous Projects

## Several Towers at King Abdulla Financial District (KAFD)

- > KAFD - Tower Building Parcel 4.10
- > ACKD Consult Sow: Fire & Life Safety design review, inspection, and handover to Civil Defense.





# Previous Projects

## RAFAL TOWER

- > ACKD Consult Sow: Fire & Life Safety design review, inspection, and handover to Civil Defense





# Previous Projects

## KINGDOM TOWER

- > ACKD Consult Sow: Fire & Life Safety design review, inspection, and handover to Civil Defense





# Previous Projects

## Al Faisaliah Trading Center

ACKD Consult Sow: Fire & Life  
Safety design review, inspection,  
and handover to Civil Defense





A dark brown background featuring a white line-art sketch of an urban planning scene. The sketch depicts a street intersection with various elements: trees, buildings, a large rectangular structure on the right, and several small figures of people walking. The overall style is minimalist and architectural.

07

# Urban Planning



# Previous Projects

## Integrated Logistics Bonded Zone (ILBZ) Project King Khalid International Airport



ACKD scope of work:

liaise with government and authority agencies and obtain the information regarding their current infrastructure services that surround the site or within the site plot boundaries

Review and approval of architectural drawings regarding life safety & local authority codes.

Design review of fire safety systems.

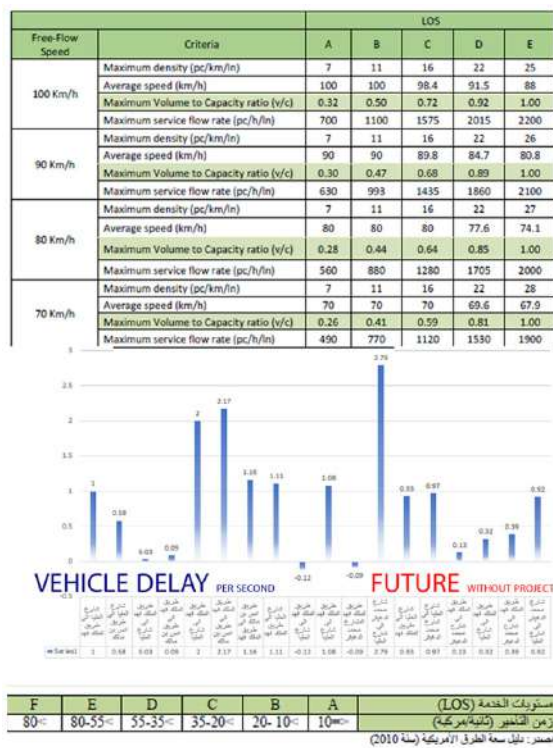
Approval of all fire safety Systems from GACA and CD.





# Previous Projects

## TRAFFIC IMPACT STUDY





# Project W, Al Ula

## Worker Village

### Components:

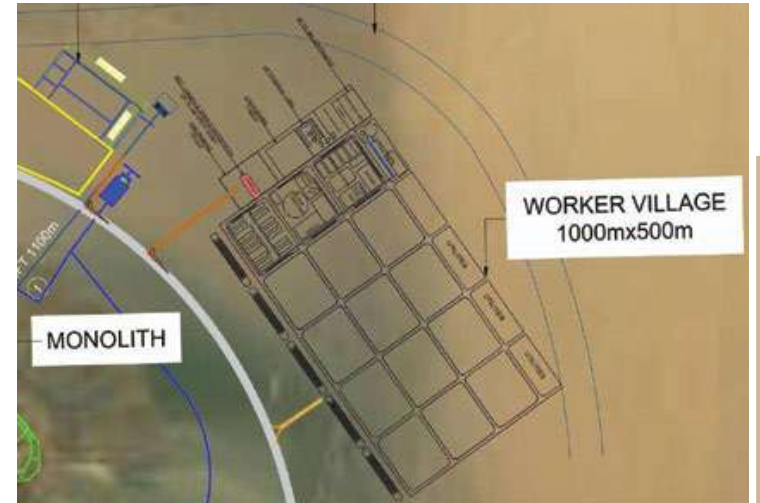
- > Junior Accommodation
- > Worker Accommodation
- > Mosque
- > Laundry
- > Clinic
- > Mini Market
- > Operation and Facility Management Office
- > Public Toilet

Land Area: 73343 m<sup>2</sup>

Total BUA: 12300 m<sup>2</sup>

Area Of Expertise:

Utilities, Development of the Concept Design







# ARAMCO GARDEN PROJECT

[www.ackdconsult.com](http://www.ackdconsult.com)

ACKD



# GROVE MALL ALMOZAINI REAL ESTATE

## ACKD scope of work:

urban spaces and public Garden located in Saudi Arabia , Al-Khafji, Safaniya, 10.000 SQM

### Concept design

- > Study project & Prepare zoning and mood boards according to the client's requirements, site forces & plot regulations, and shape
- > Prepare a Design criteria represents all disciplines (ARCH, STR, ELEC, MECH)

### Concept design

ACKD works include in ARAMCO Garden Design

Principals Environmental aspect :

- > Energy consuming solutions
- > Recycled materials
- > Waste management
- > Minimum maintenance landscape

### Social Aspect

- > Sport
- > Recreation
- > Quality of life
- > Disabled consideration
- > Safety

**SUNSHADE**  
STEEL STRUCTURE SUNSHADE WITH FIXED SOLAR PANELS

**PUBLIC / PLANTING**  
PLAYGROUND NO. 1  
PLAYGROUND NO. 2  
BENCH TYPE A  
BENCH TYPE B  
ARTIFICIAL GRASS

**PATHWAYS / PARKING**  
INTERLOCK WALKWAYS  
54 CAR PARKING  
RUBBER WALKWAY  
RUBBER BICYCLE PATH

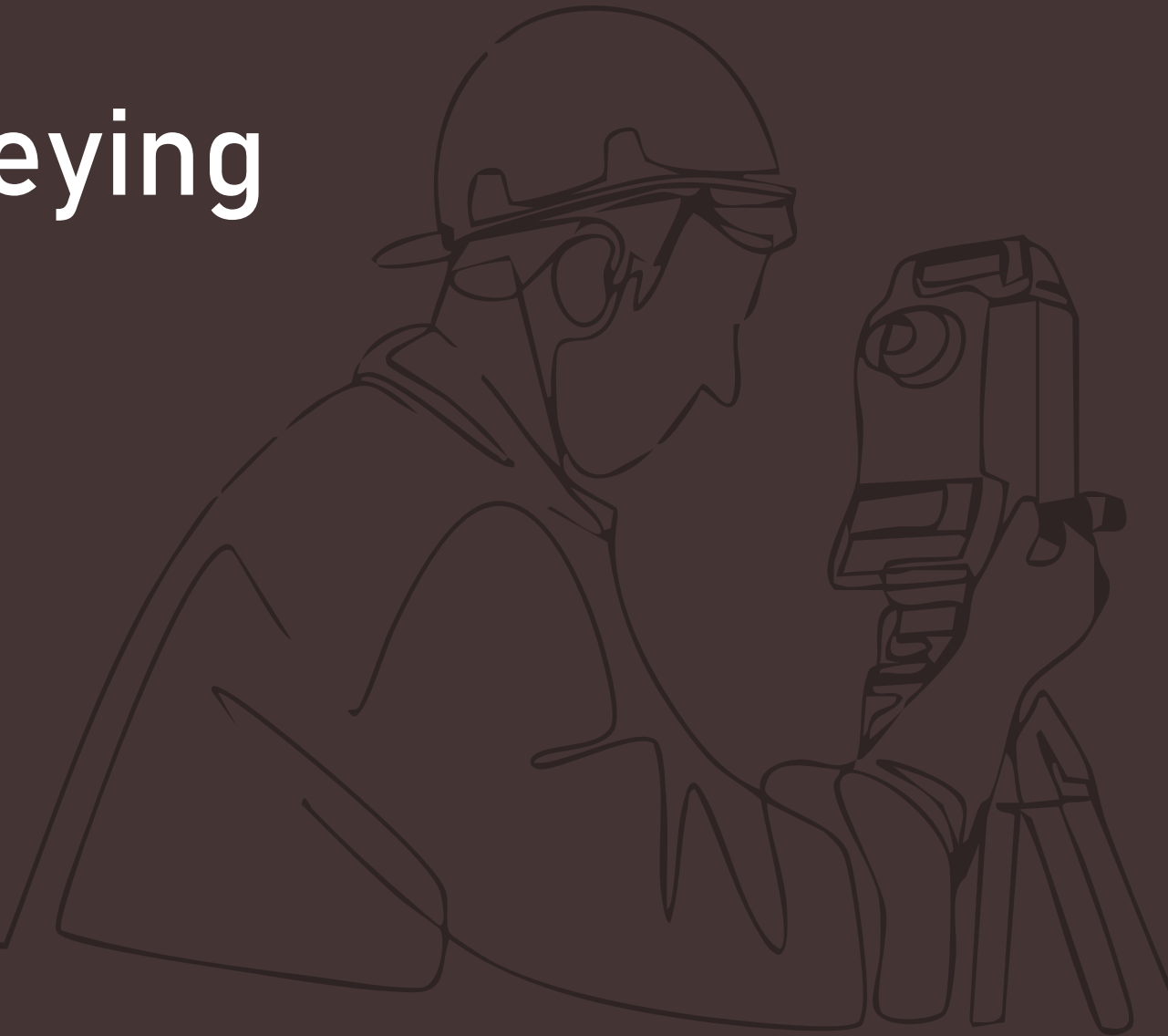
**STREETS**  
GARDEN PLOT IS SURROUNDED BY THREE 15M WIDTH STREETS





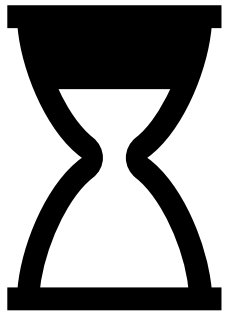
08

# Surveying





# Surveying



Duration: 15 Min.



Geo slam



Gps



Total station

## AGENDA

- > ACKD Overview
- > Previous Projects
- > Plan Approval Process
- > Introduction to laser scanning.
- > Sample of ACKD's previous work
- > Heritage Documentation By Laser Scan.
- > Industrial sector services.
- > Light SurveyProcess



Drones



# Surveying

## Laser scan survey Process :

Laser scanning is a technology used to measure distances and determine locations using laser beams.

Here are the basic steps to perform laser scanning:

You will need a laser device that contains a laser source and a receiver to receive the bounced signals.

We install the device: Mount the device on a stable platform such as a tripod or a moving vehicle.

We define the scanning area: Select the area you wish to laser scan. This area can be a building, floor, city, or any other location.

We turn on the laser: turn on the device and adjust its settings according to your needs. You can adjust the polarization angle, pulse intensity, sampling rate, laser range and other settings.

We analyze the data: After collecting the data, it must be analyzed and processed using BIM programs in order to create two-dimensional maps, horizontal projections, and a 3D model. On the BIM system





# Surveying

## Sample of the previous projects:

### 1\_SAUDI HOSPITALITY COMPANY (SHC)



- > Scope of Services  
As-Built: Architecture, Civil & MEP WITH LASER SCAN  
LE MERIDIEN EL HADA HOTEL

### 2\_The RITZ CARLTON Hotel. (survey project).



- > Scope of Services  
As-Built: Architecture & MEP



# THANK YOU

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