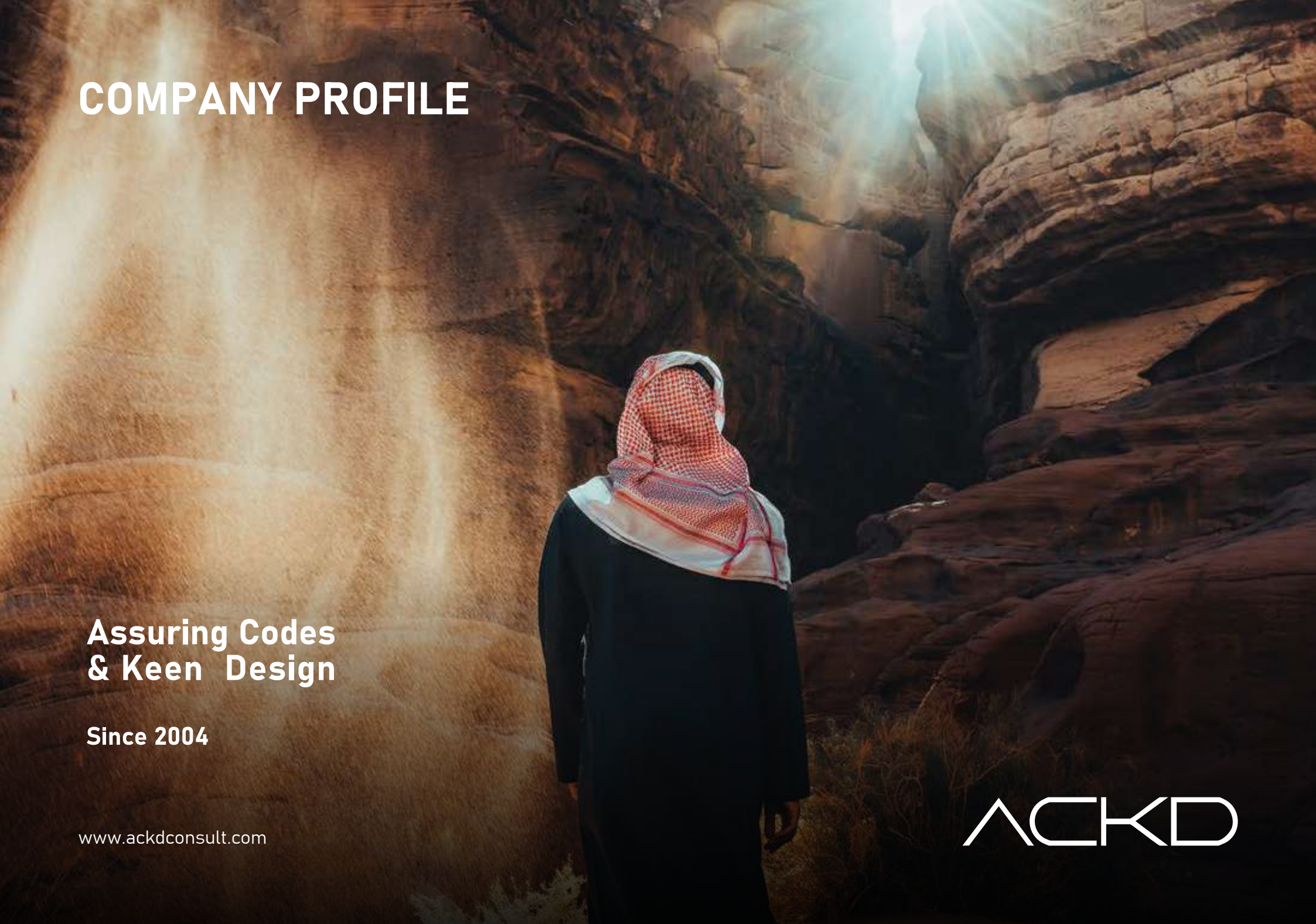
COMPANY PROFILE



Assuring Codes & Keen Design

Since 2004

www.ackdconsult.com

ACKD

TABLE OF CONTENT

01 Company Profile

02 Design Portfolio

03 AOR Services

04 Interior Design

05 Supervision & Project Management

06 Fire & Life Safety Portfolio

07 Urban Planning

08 Surveying

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.

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.

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.

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.

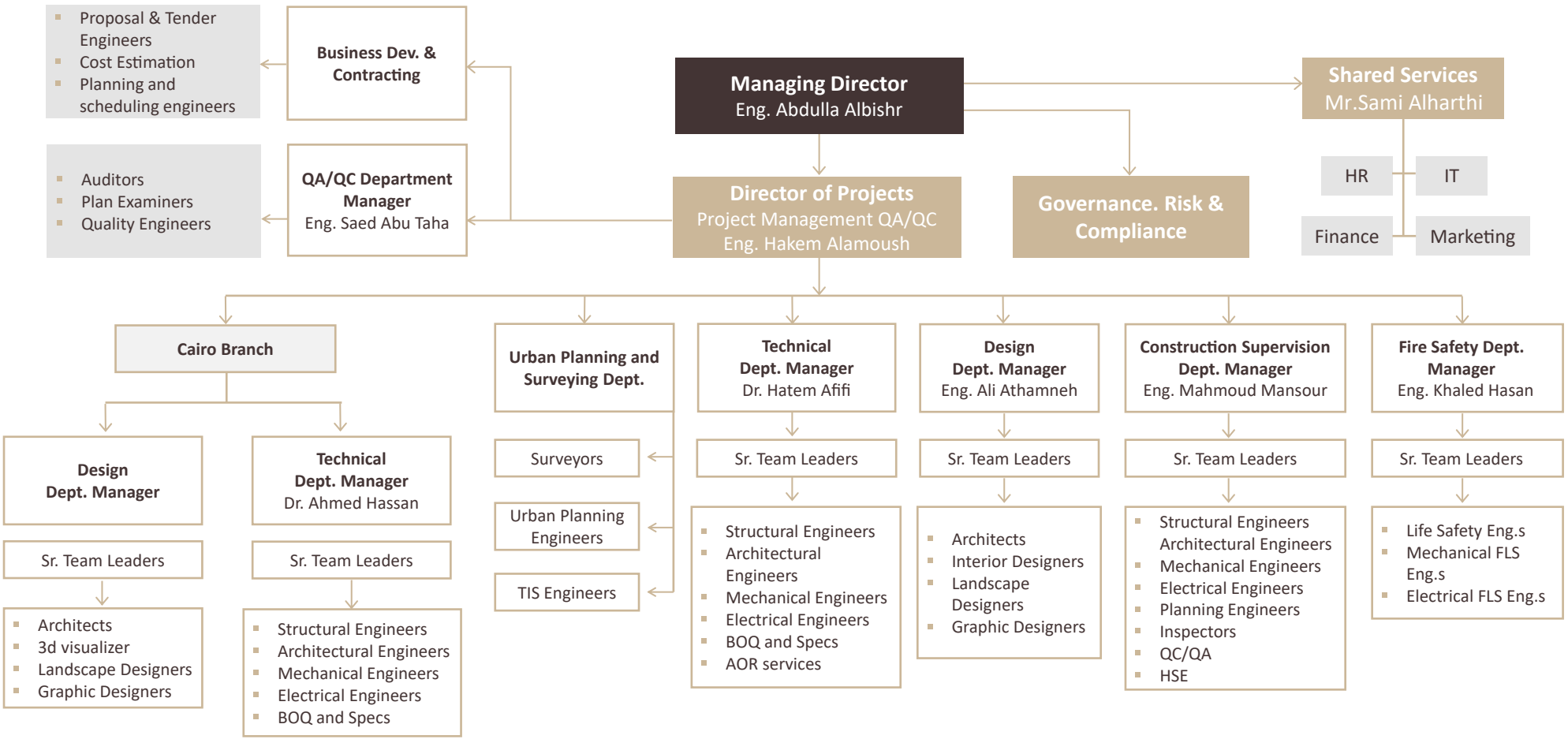
VALUES

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

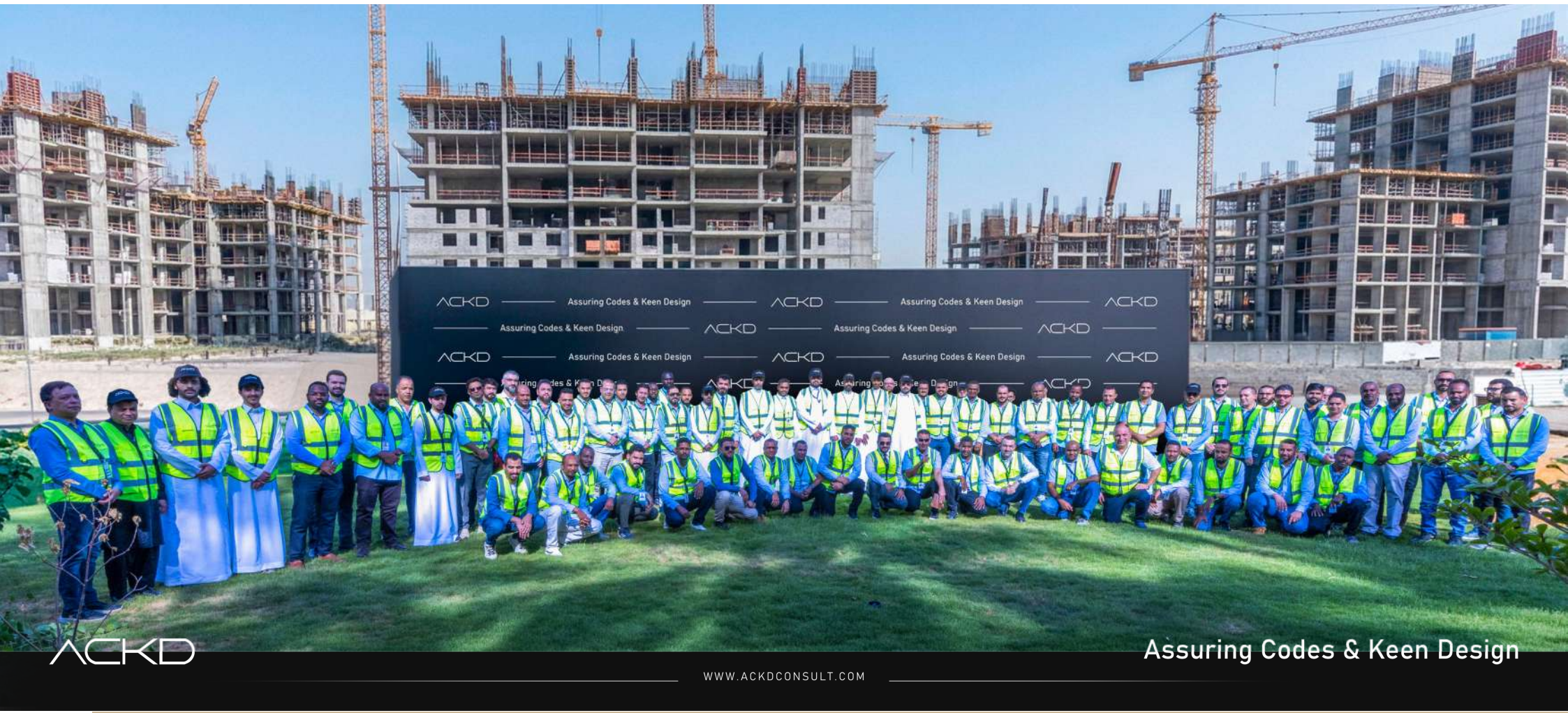


ACKD

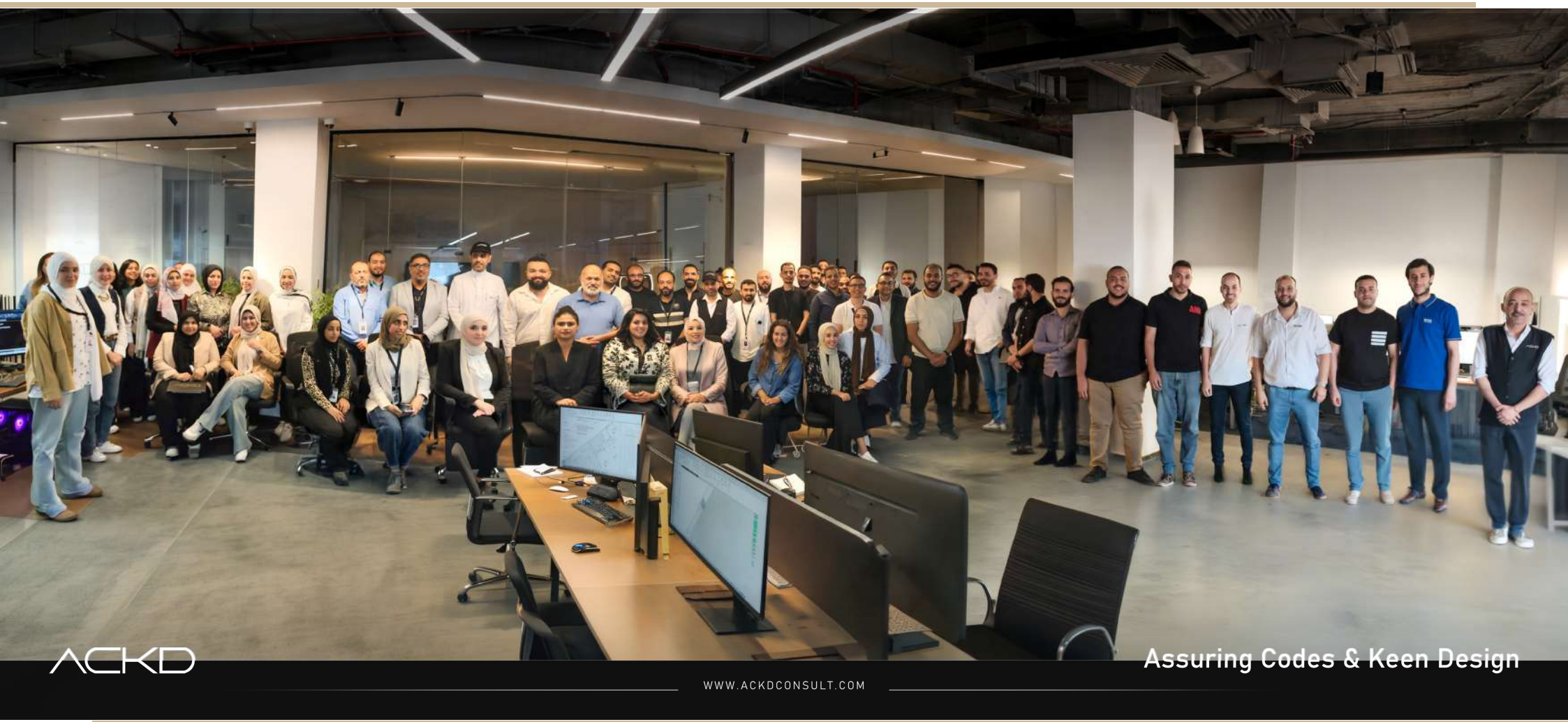
Assuring Codes & Keen Design

WWW.ACKDCONSULT.COM

RIYADH.SA


ACKD Assuring Codes & Keen Design
ACKD
Assuring Codes & Keen Design
WWW.ACKDCONSULT.COM

NEW CAIRO



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.

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.

C. Interior design - ID

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

Authority Having Jurisdiction (AHJ)

الهيئة الملكية لمدينة الرياض
ROYAL COMMISSION FOR RIYADH CITY

شركة الدرعية
Diriyah Company

Qiddiya

الهيئة الملكية لمدينة مكة المكرمة والمشاعر المقدسة
ROYAL COMMISSION FOR MAKKAH CITY AND HOLY SITES

المسار الرياضي
Sports Boulevard

GACA
الهيئة العامة للطيران المدني
General Authority of Civil Aviation

الهيئة الملكية لمحافظة العلا
ROYAL COMMISSION FOR ALULA

NEOM

أمانة منطقة الرياض
RIYADH REGION MUNICIPALITY

أمانة العاصمة المقدسة
HOLY MAKKAH MUNICIPALITY

Cluster 2
تجمع مطارات الثاني

شركة المياه الوطنية
National Water Company

أمانة منطقة جازان
Jazan Municipality

حديقة الملك سلمان
King Salman Park

Authority Having Jurisdiction (AHJ)









































CLIENTS


منافع القابضة
MANAFEA
HOLDING


أرامـــاك
ARAMAK




iHC
AL ISTEDAMAH HOLDING


CRCC


THE RITZ-CARLTON®


المشاريع الأولى
Al Mashria Al Ovla


الارجـــان
ALARGAN


الرياض المالية
riyad capital


آي كيـــو
العقـــارية
IQ Real Estate


عنان
ANAN


الضويان القابضة
ALDOWAYAN
HOLDING


مستشفيات دلته
DallahHospitals


ALMAJAL ALARABI
GROUP


بنـيـة
BINYAH


راكن
RAFEN
Real Estate


KINGDOM


AK
الـخـزامـى
AL KHOZAMA


المزيني
AL-MOZAINI





APPROVAL CERTIFICATES ISO CERTIFICATES



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.

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**

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

STAGE THREE

Supervision & Delivery

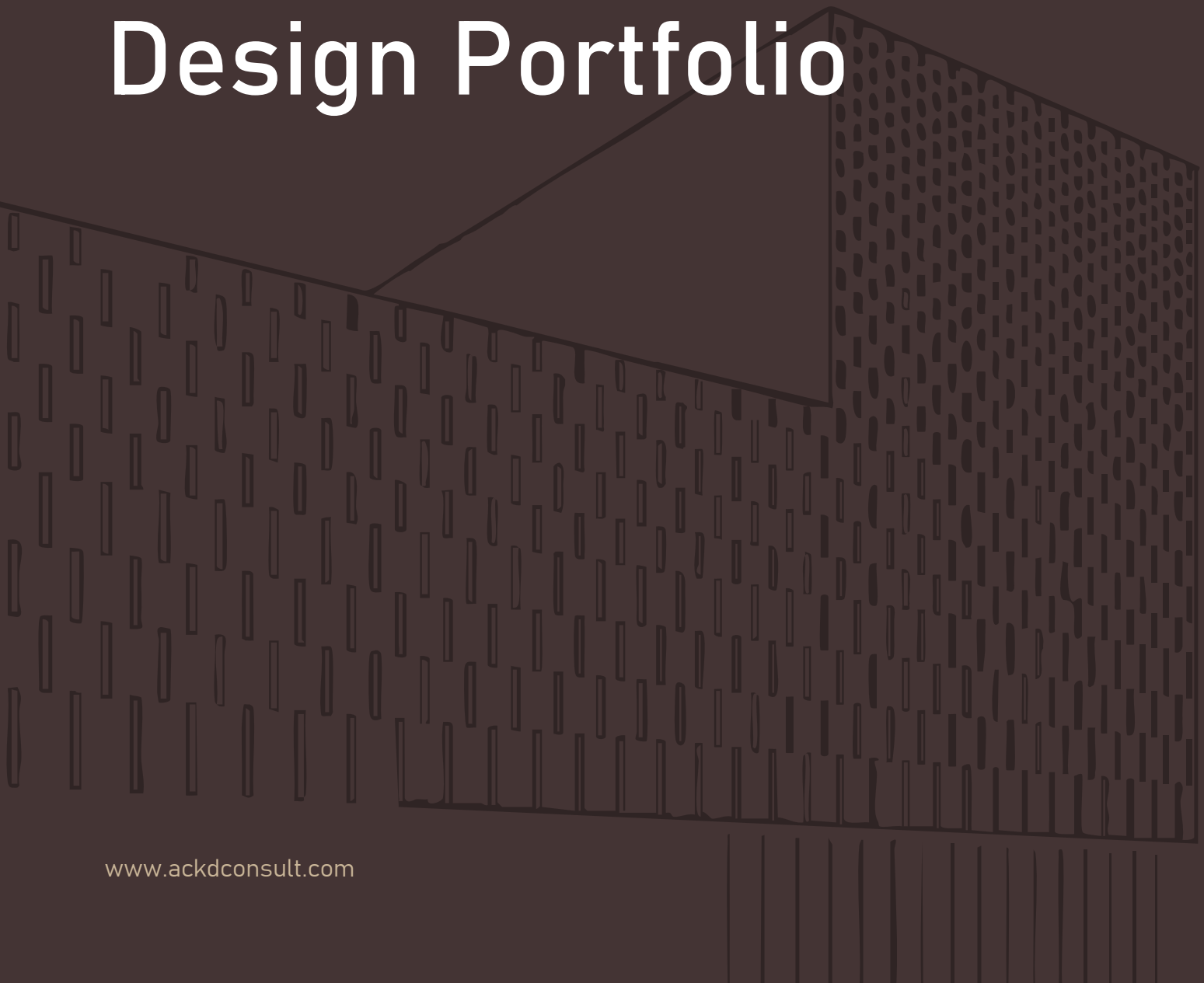
Through supervision, management and creative direction of the contracting, build and construction period, we deliver project success. We are custodians of the design intent and carefully orchestrate every detail to mirror the approved design. We constantly strive to push the boundaries in order to turn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

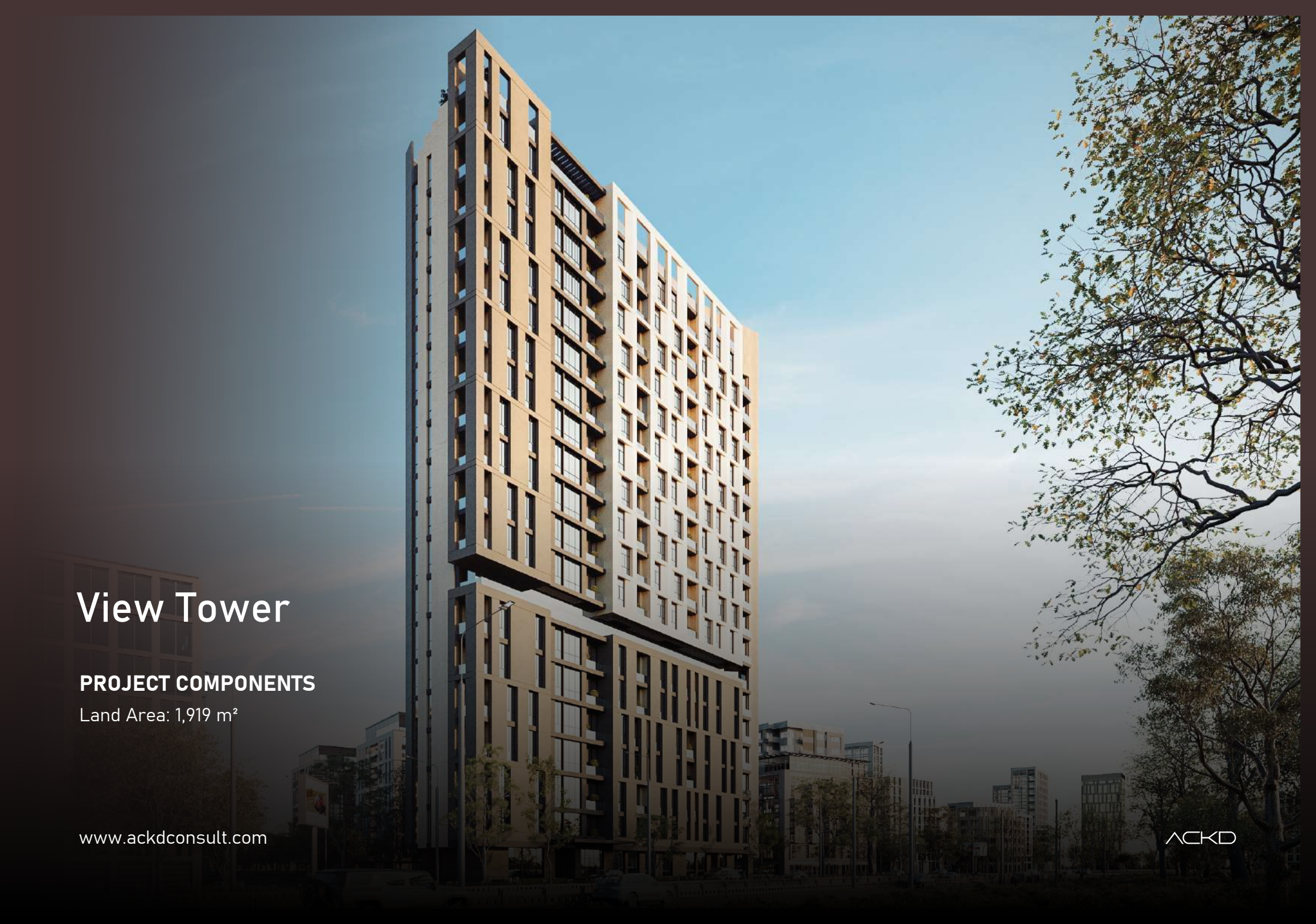
Stage Three Services

- **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 m²

www.ackdconsult.com

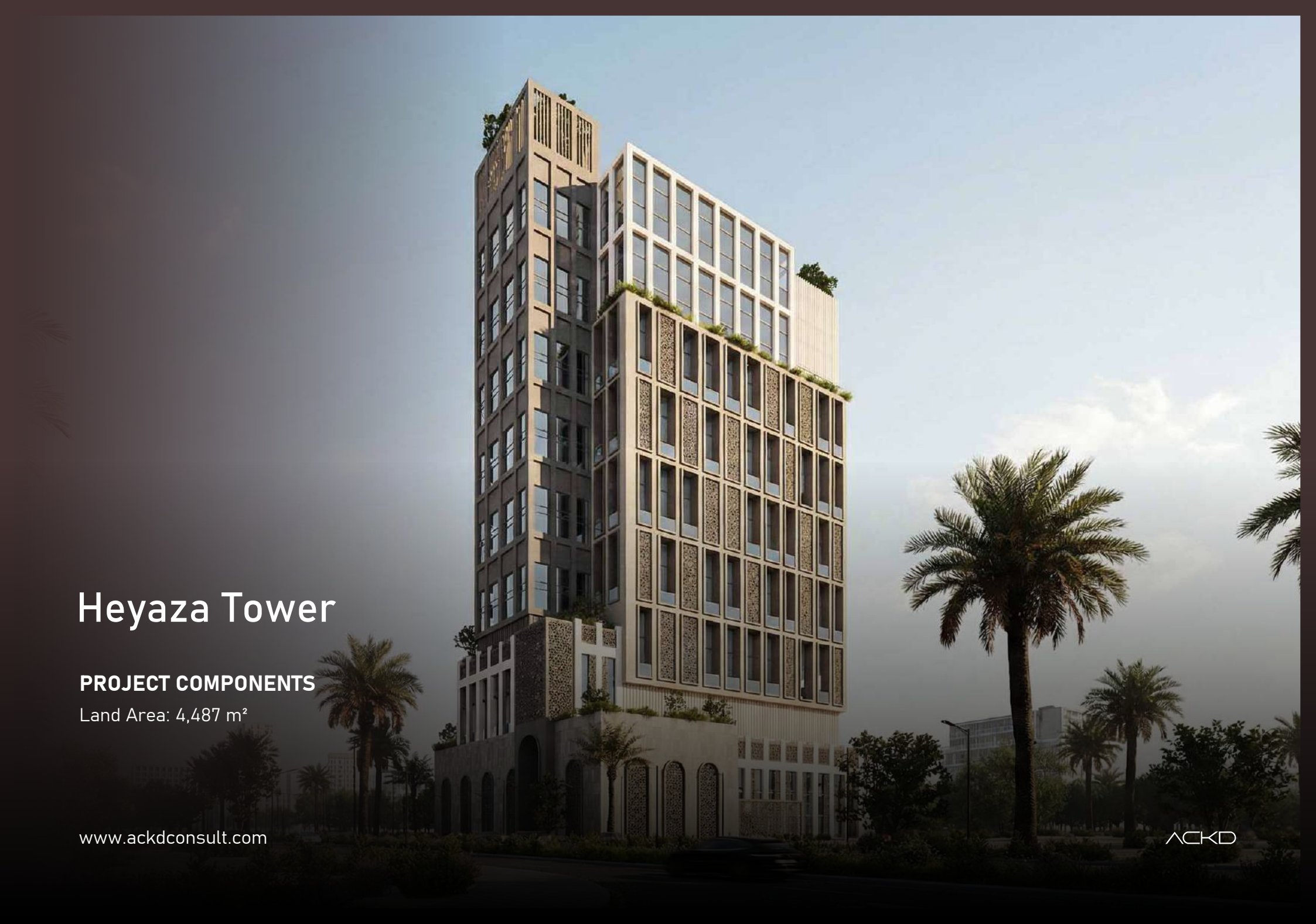
ACKD



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View Tower

ACKD



Heyaza Tower

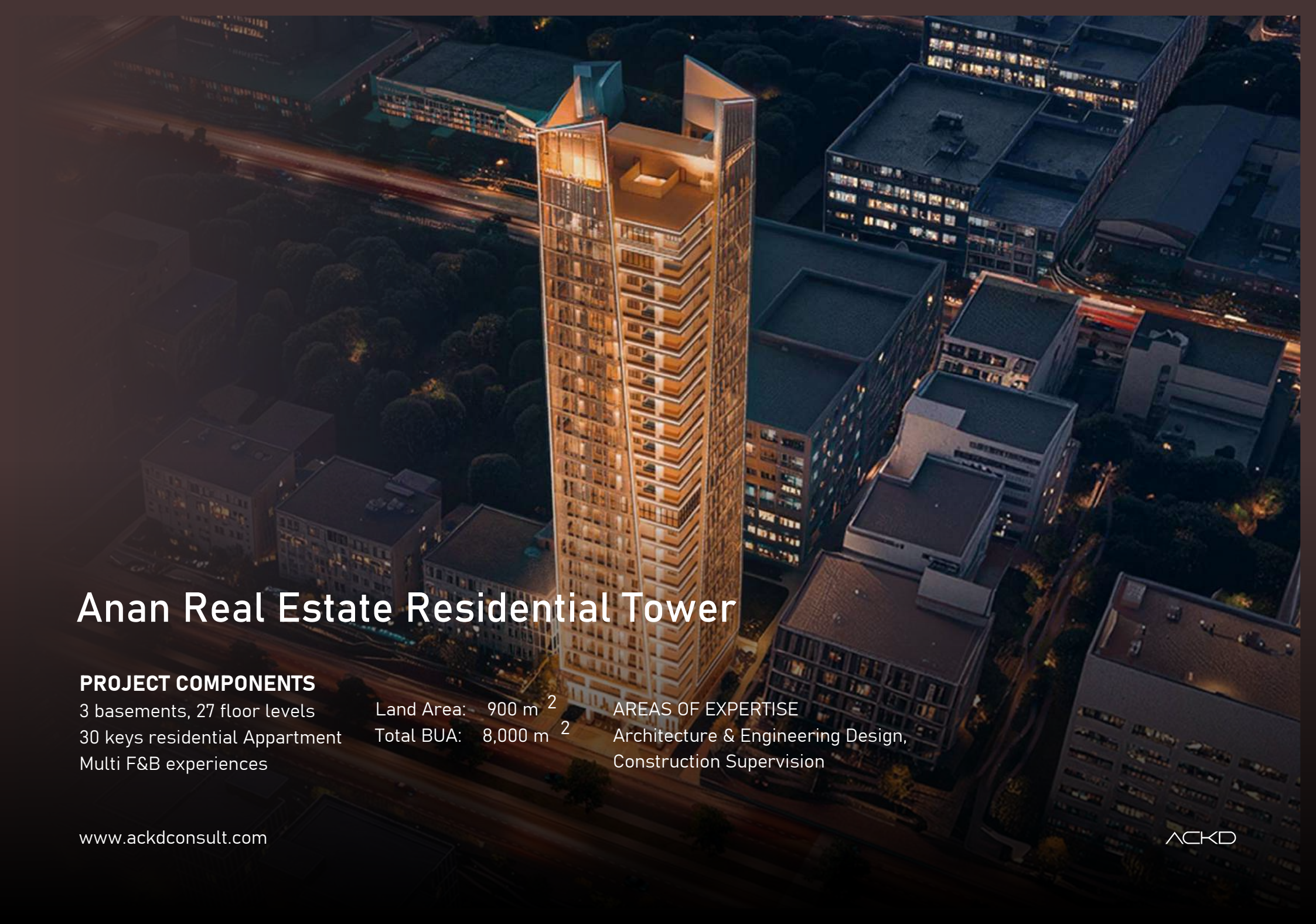
PROJECT COMPONENTS

Land Area: 4,487 m²

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Anan Real Estate Residential Tower

PROJECT COMPONENTS

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

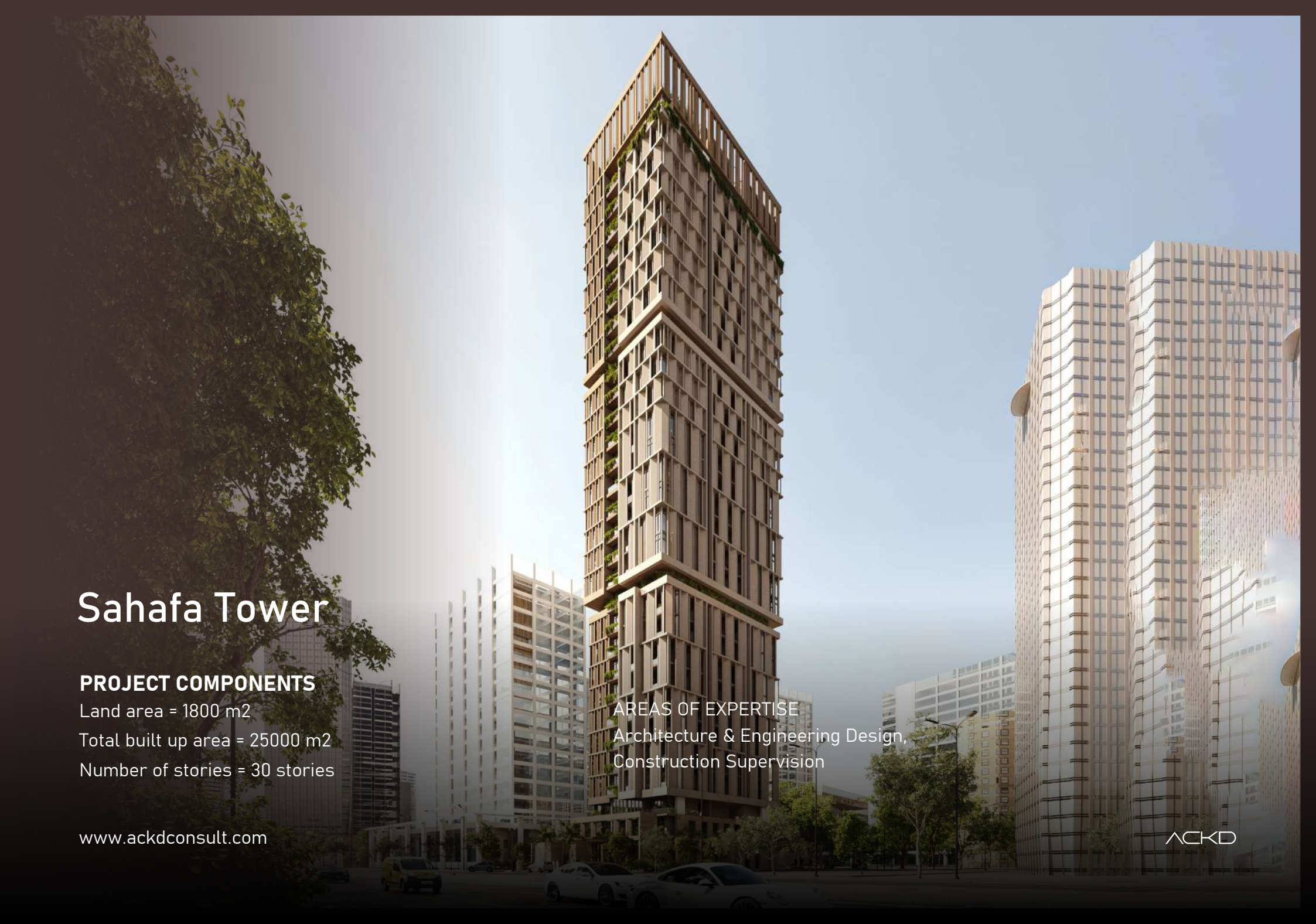
Land Area: 900 m^2
Total BUA: 8,000 m^2

AREAS OF EXPERTISE
Architecture & Engineering Design,
Construction Supervision

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ACKD


ENTRANCE



Sahafa Tower

PROJECT COMPONENTS

Land area = 1800 m2

Total built up area = 25000 m2

Number of stories = 30 stories

AREAS OF EXPERTISE

Architecture & Engineering Design,

Construction Supervision

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ACKD





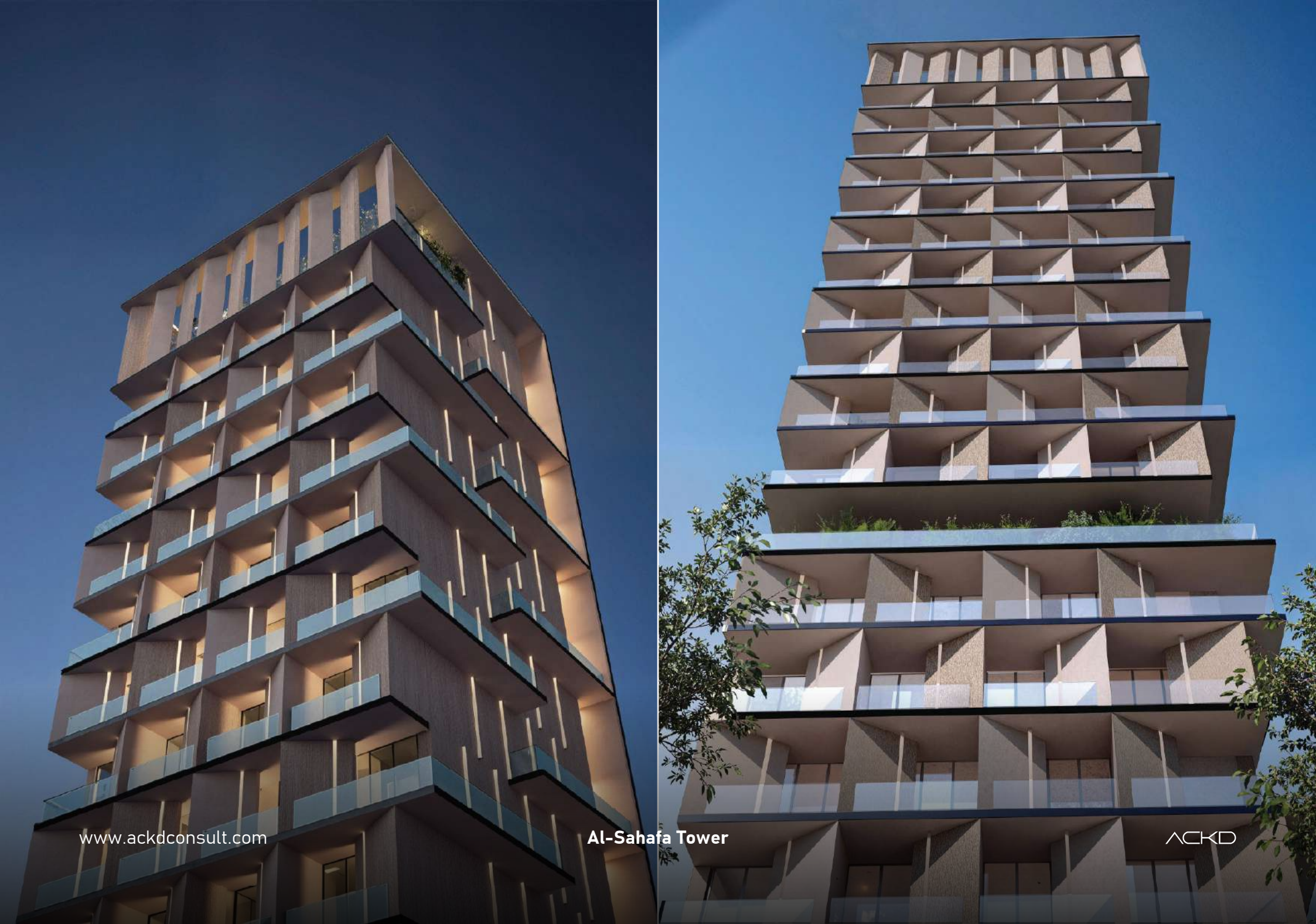
Al-Sahafa Tower

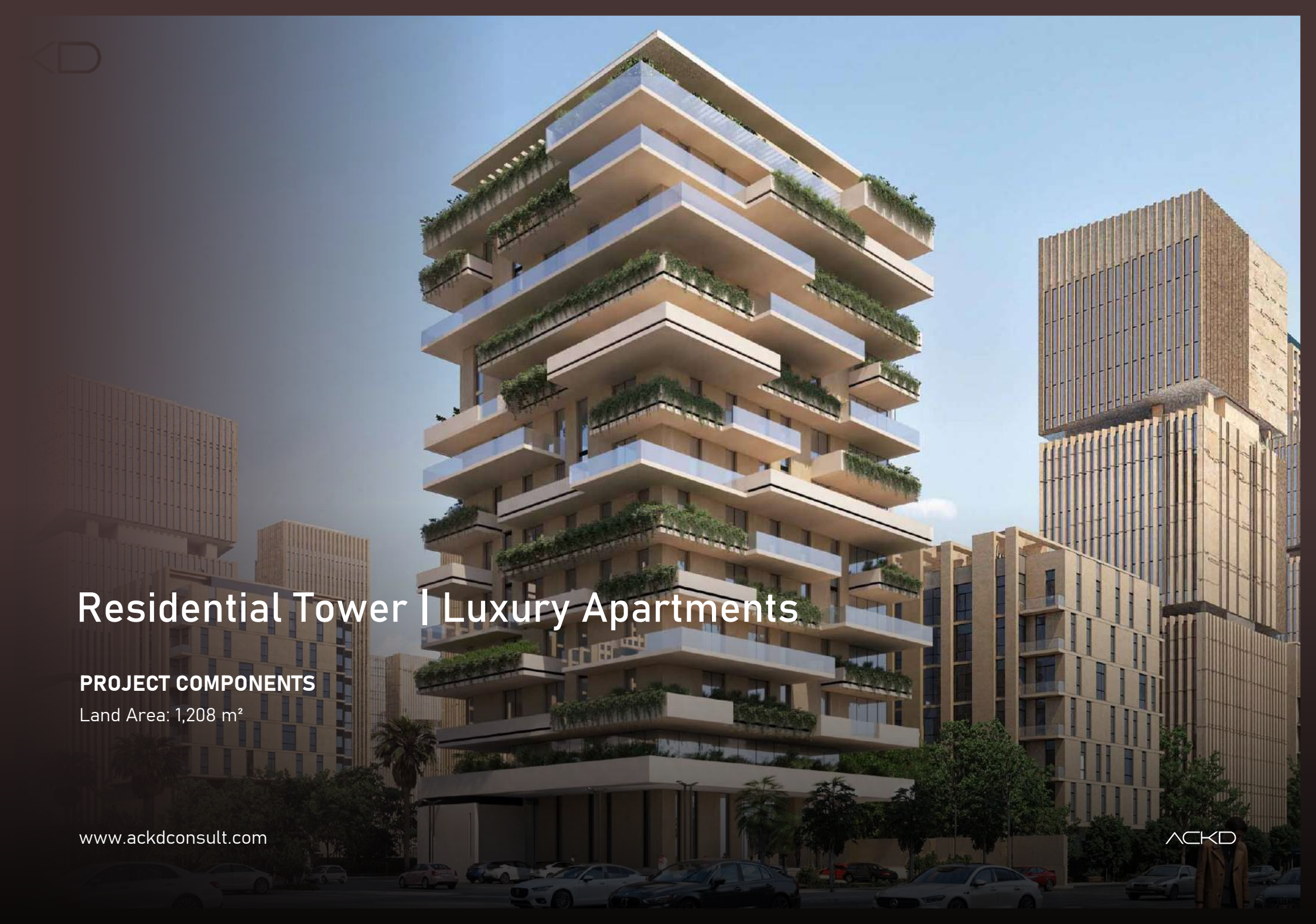
PROJECT COMPONENTS

Land Area : 900 m2

www.ackdconsult.com

ACKD





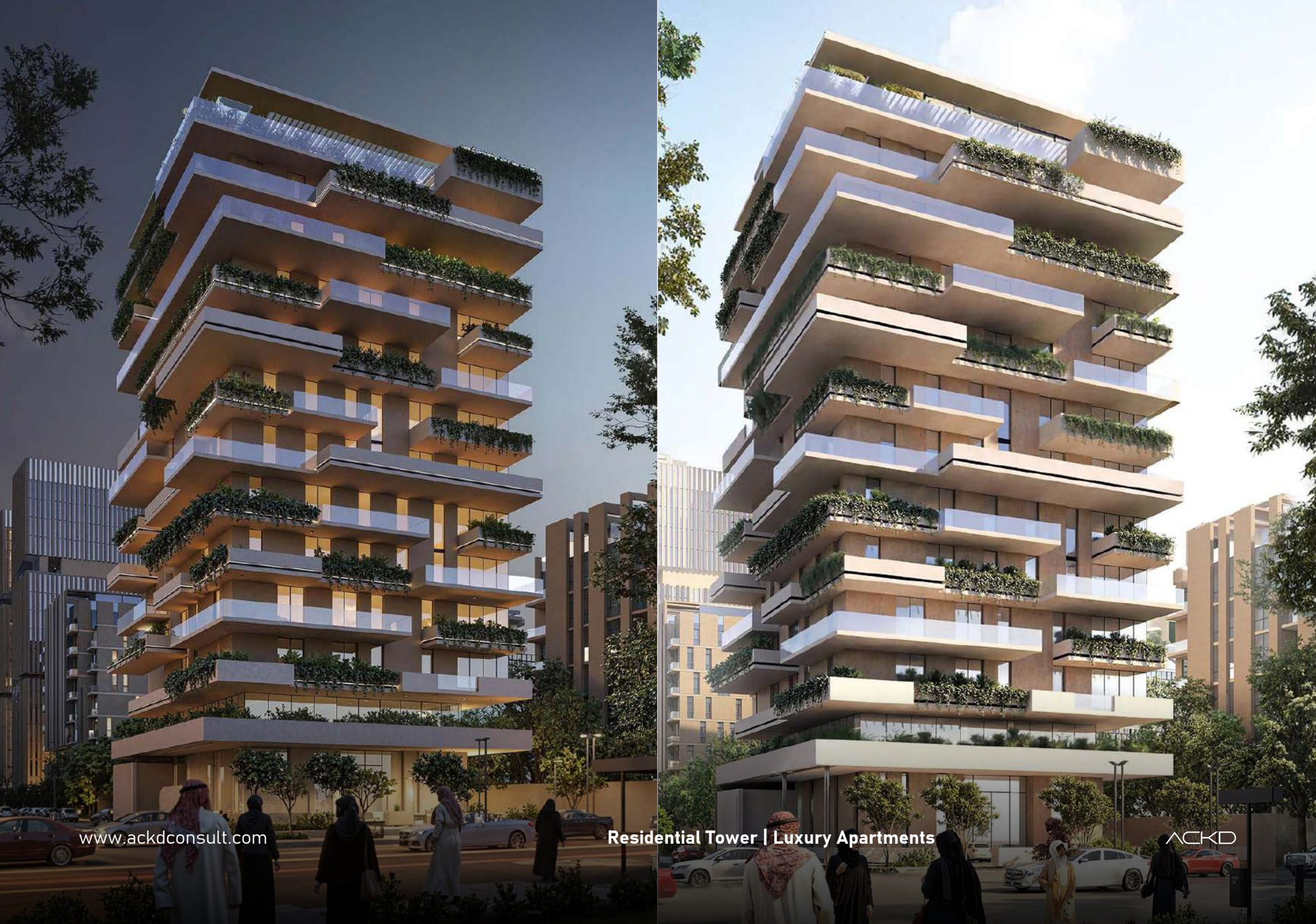
Residential Tower | Luxury Apartments

PROJECT COMPONENTS

Land Area: 1,208 m²

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ACKD



www.ackdconsult.com

Residential Tower | Luxury Apartments

ACKD



Sajwa

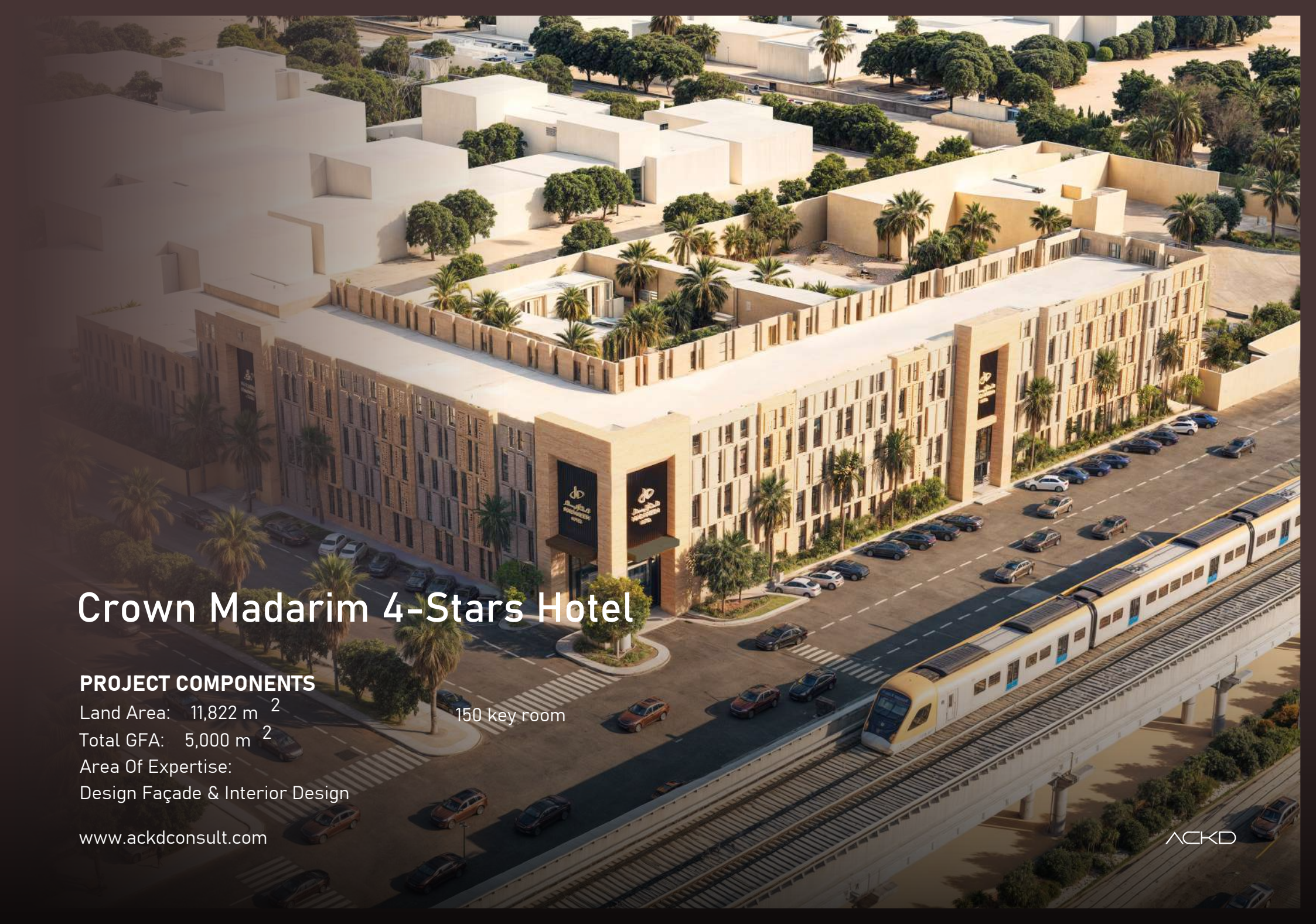
PROJECT COMPONENTS

Land Area : 539,000 m2

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ACKD





Crown Madarim 4-Stars Hotel

PROJECT COMPONENTS

Land Area: 11,822 m ^{2}

Total GFA: 5,000 m ^{2}

150 key room

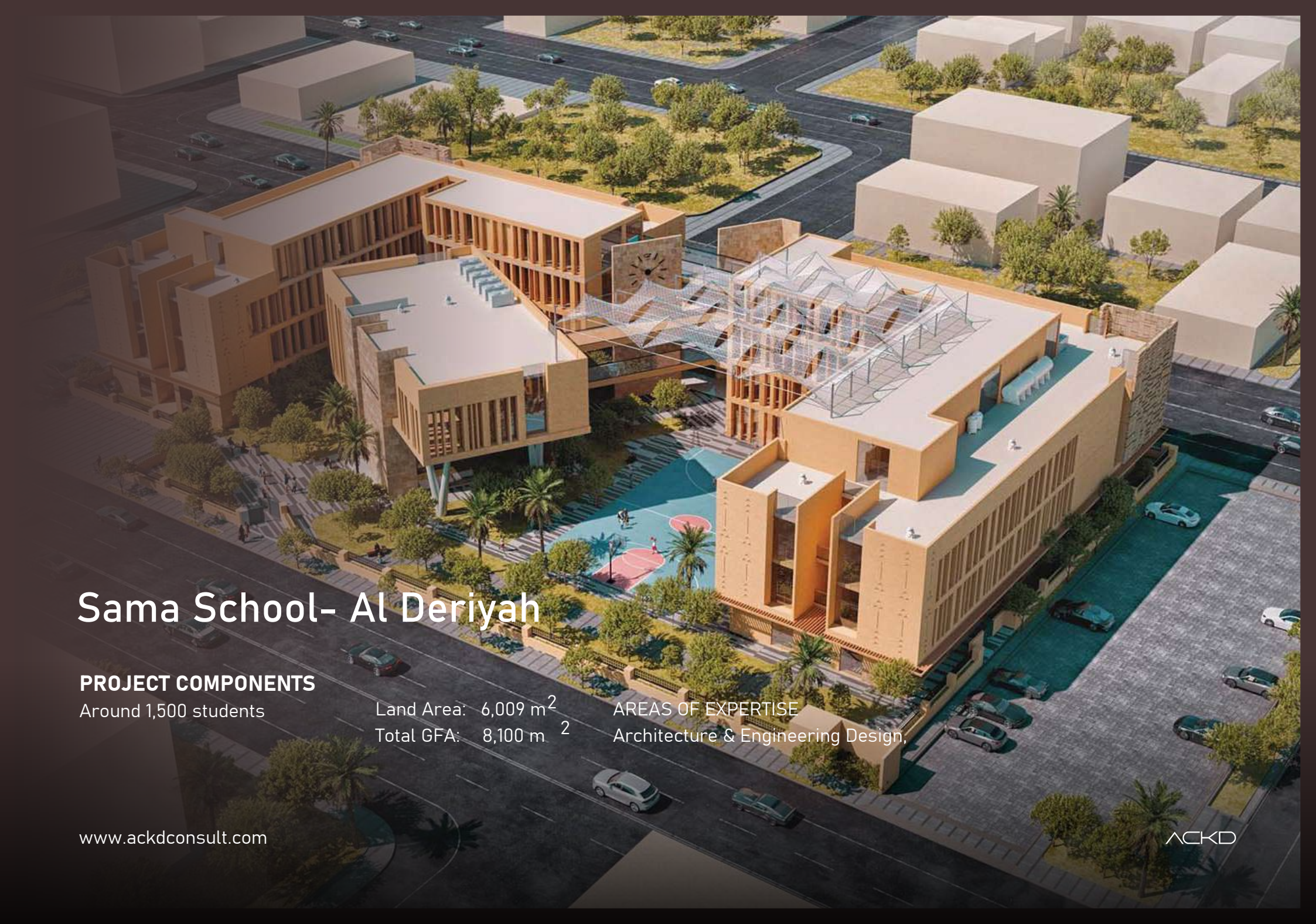
Area Of Expertise:

Design Façade & Interior Design

www.ackdconsult.com

ACKD


MADAREEM



Sama School- Al Deriyah

PROJECT COMPONENTS

Around 1,500 students

Land Area: 6,009 m^2

Total GFA: 8,100 m^2

AREAS OF EXPERTISE

Architecture & Engineering Design,

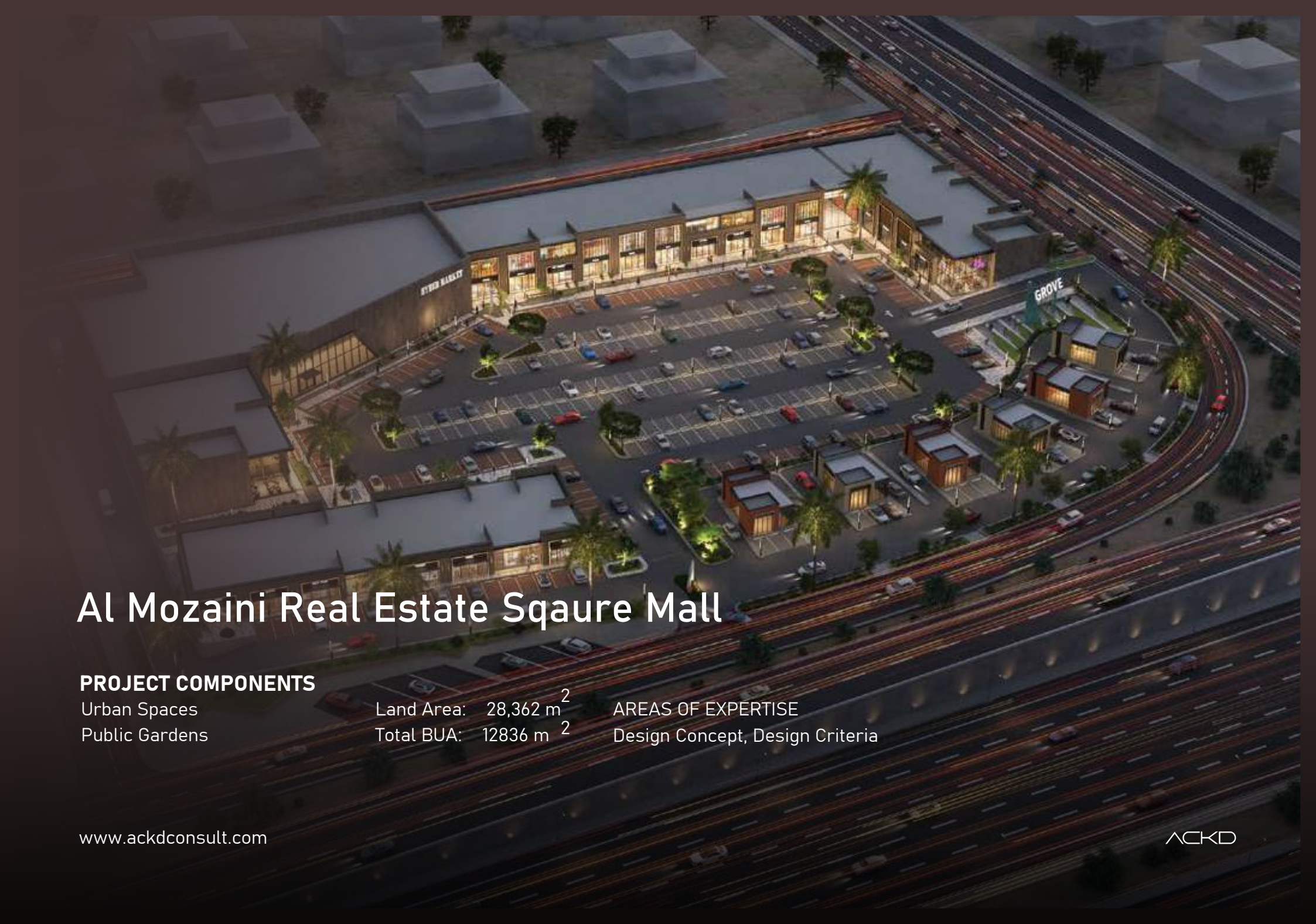
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Al Mozaini Real Estate Sqaure Mall

PROJECT COMPONENTS

Urban Spaces
Public Gardens

Land Area: 28,362 m^2
Total BUA: 12836 m^2

AREAS OF EXPERTISE
Design Concept, Design Criteria

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ACKD


Hyper Market
LIFE
Coffe Rest
Restroat
your time
fifty five
Fashion shop


your time
fifty five
Happy
Fashion shop
ONLY
Coffe Rest



Yarmouk Line

PROJECT COMPONENTS

Land Area: 7,620 m²

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ACKD



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Yarmouk Line

ACKD



Al Mourouj School Complex

PROJECT COMPONENTS

4 floor levels, accommodates all educational levels

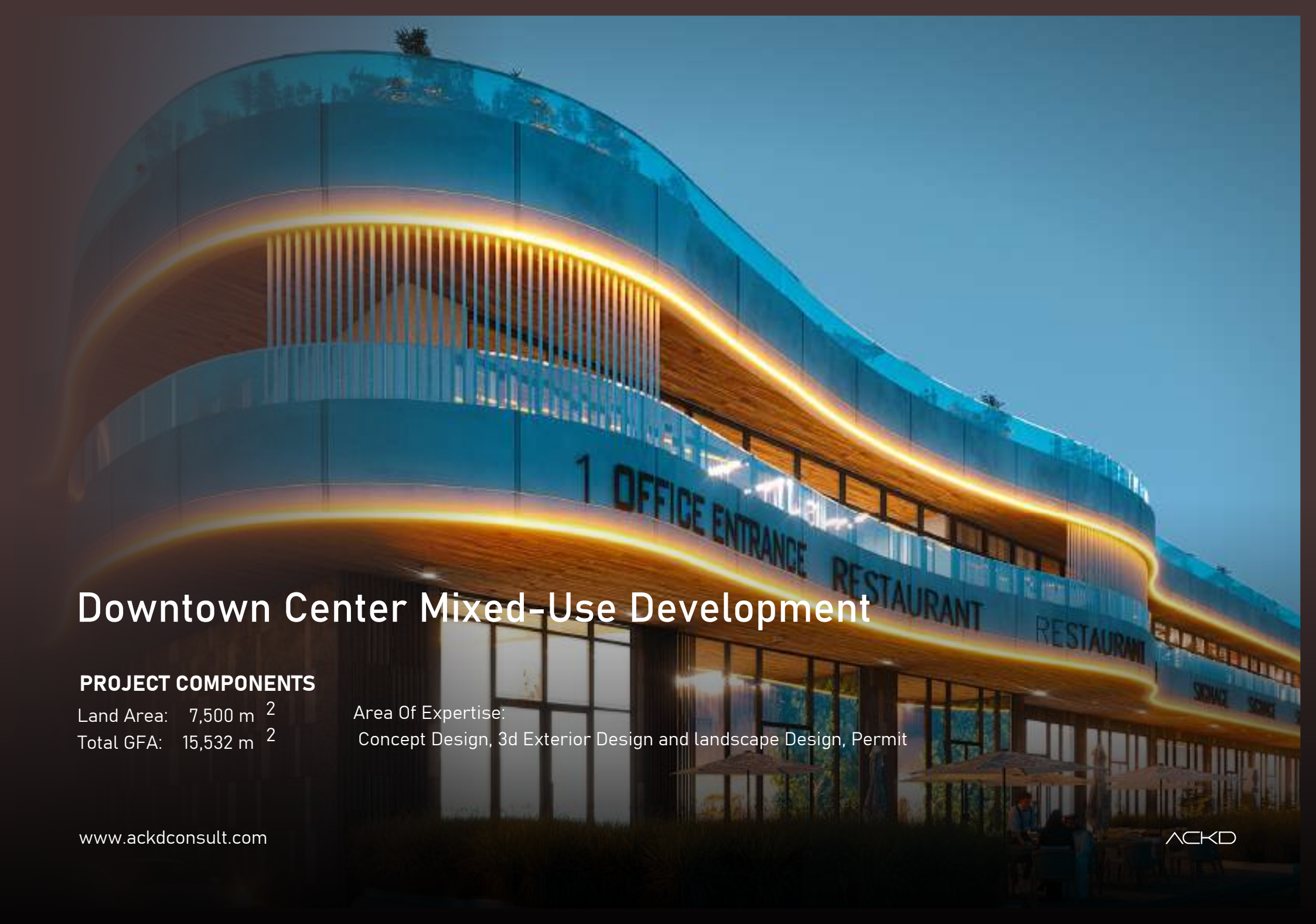
Land Area: 10,800 m^2
BUA = 9,940.50 m^2

Area Of Expertise:
Architecture & Engineering Design

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Downtown Center Mixed-Use Development

PROJECT COMPONENTS

Land Area: 7,500 m^2

Total GFA: 15,532 m^2

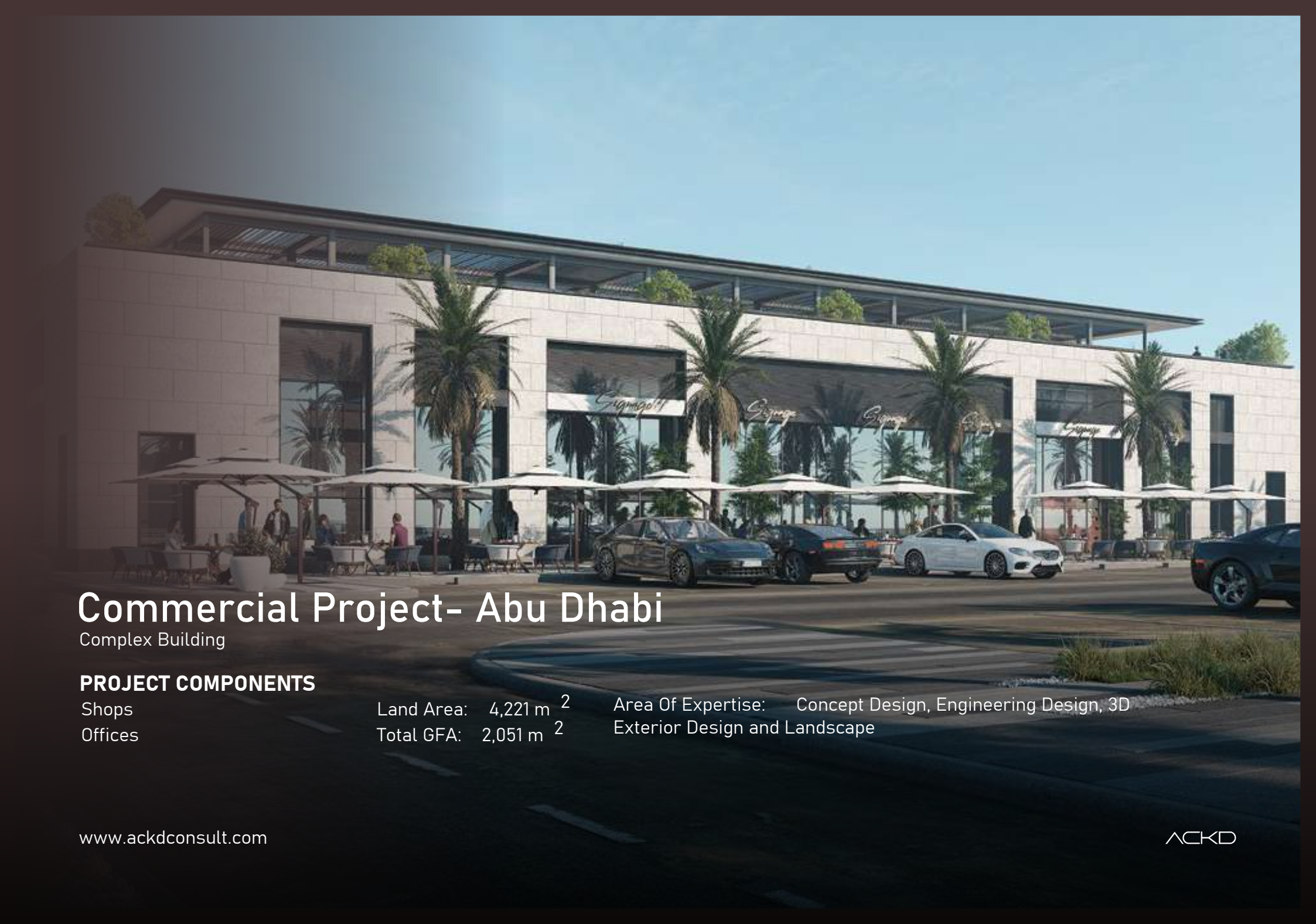
Area Of Expertise:

Concept Design, 3d Exterior Design and landscape Design, Permit

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ACKD


SIGNAGE
SIGNAGE
RESTAURANT
ENTRANCE
JUIN REAL ESTATES



Commercial Project- Abu Dhabi

Complex Building

PROJECT COMPONENTS

Shops
Offices

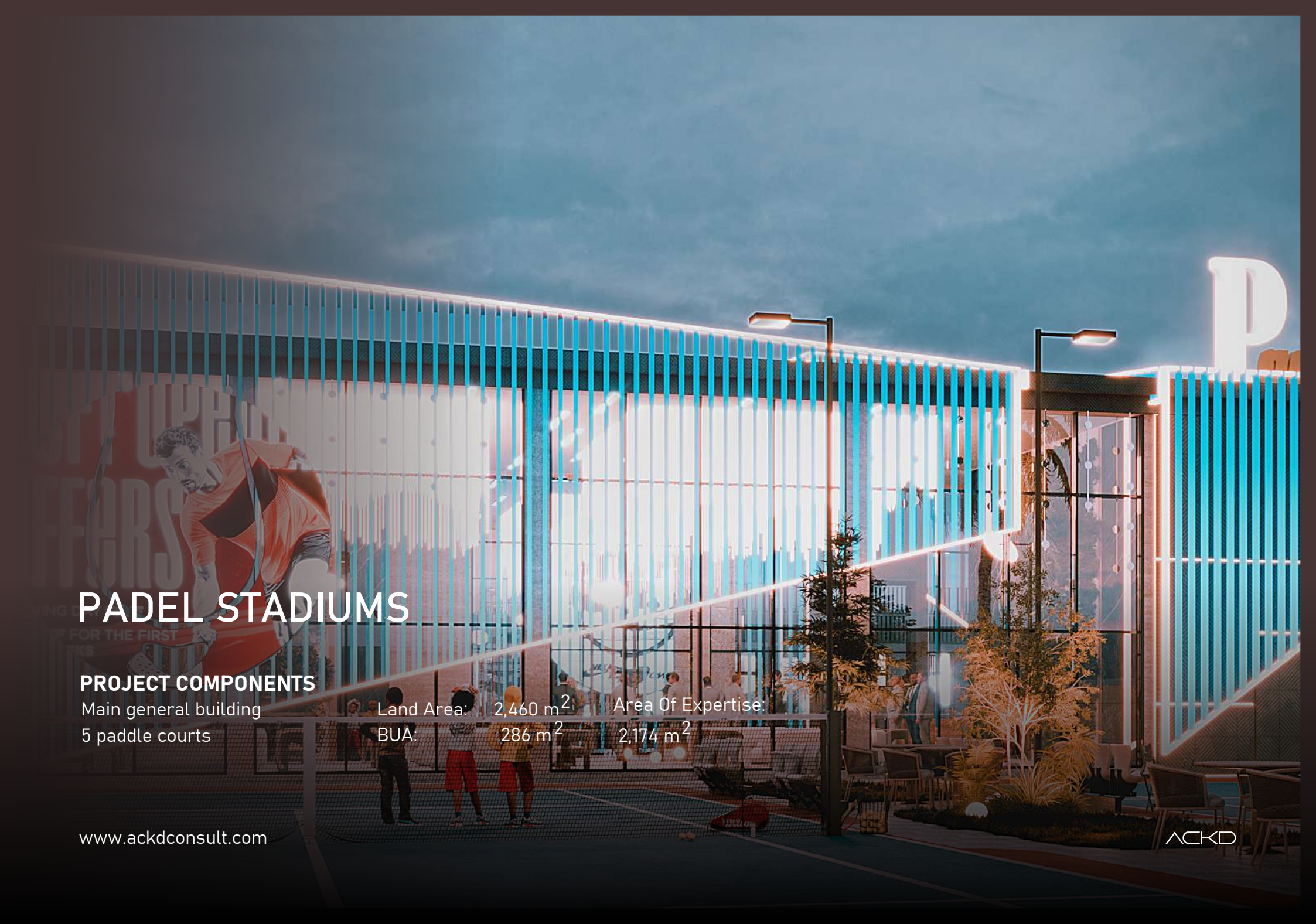
Land Area: 4,221 m ^{2}
Total GFA: 2,051 m ^{2}

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

www.ackdconsult.com

ACKD


Signage
ANH-7852



PADEL STADIUMS

PROJECT COMPONENTS

Main general building
5 paddle courts

Land Area: 2,460 m^2
BUA: 286 m^2

Area Of Expertise:
2,174 m^2

www.ackdconsult.com

ACKD


Entrance
STUFF IT.
Padel



Madaen

PROJECT COMPONENTS

Land Area: 7,930.00 m^2

Total GFA: 12,068.16 m^2

www.ackdconsult.com

ACKD


ELAF
SOPHISTICATE


02
BUILDING


SOPHISTICATE



Residential Tower | Luxury Apartments

PROJECT COMPONENTS

Land Area: 2672 m^2

Total BUA: 25702 m^2

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

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ACKD



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Residential Tower | Luxury Apartments

ACKD



Al Ammariyah Resort

PROJECT COMPONENTS

Land Area: 13,622 m²

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ACKD





Mulham Resort

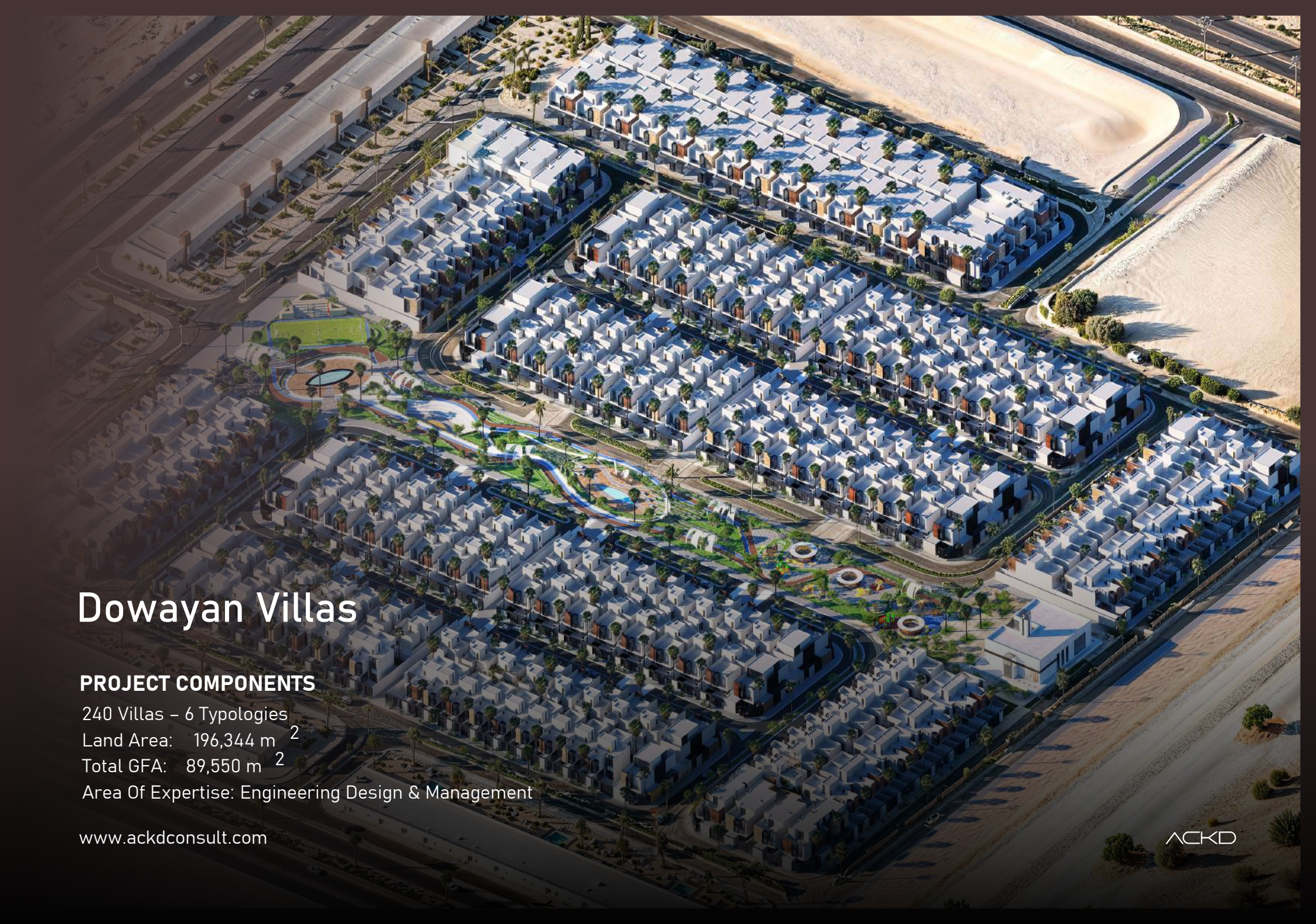
PROJECT COMPONENTS

Land Area: 10,000 m²

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Dowayan Villas

PROJECT COMPONENTS

240 Villas – 6 Typologies
Land Area: 196,344 m^2
Total GFA: 89,550 m^2
Area Of Expertise: Engineering Design & Management

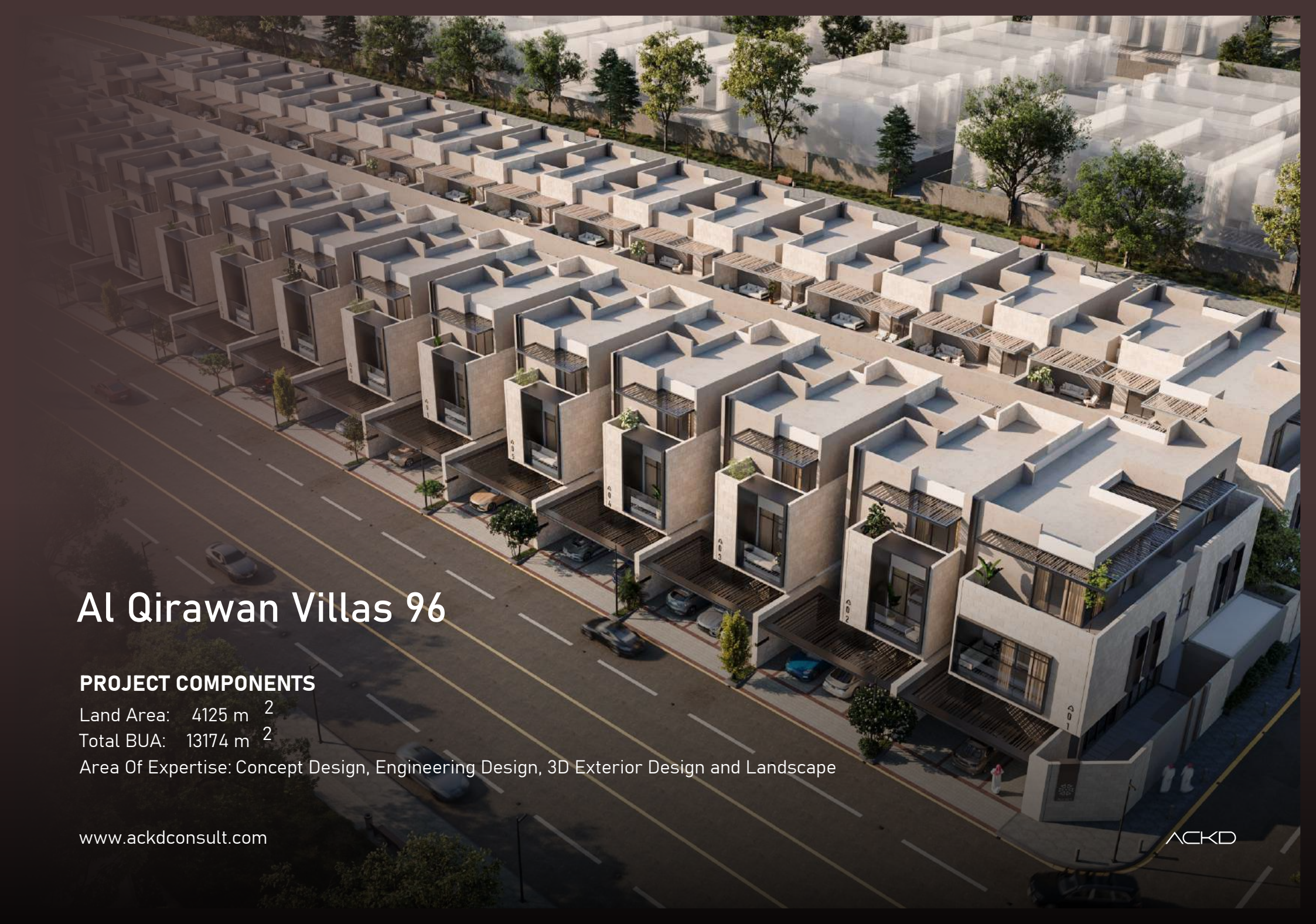
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Al Qirawan Villas 96

PROJECT COMPONENTS

Land Area: 4125 m^2

Total BUA: 13174 m^2

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

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Real Estate Development Project | Al-Qirawan

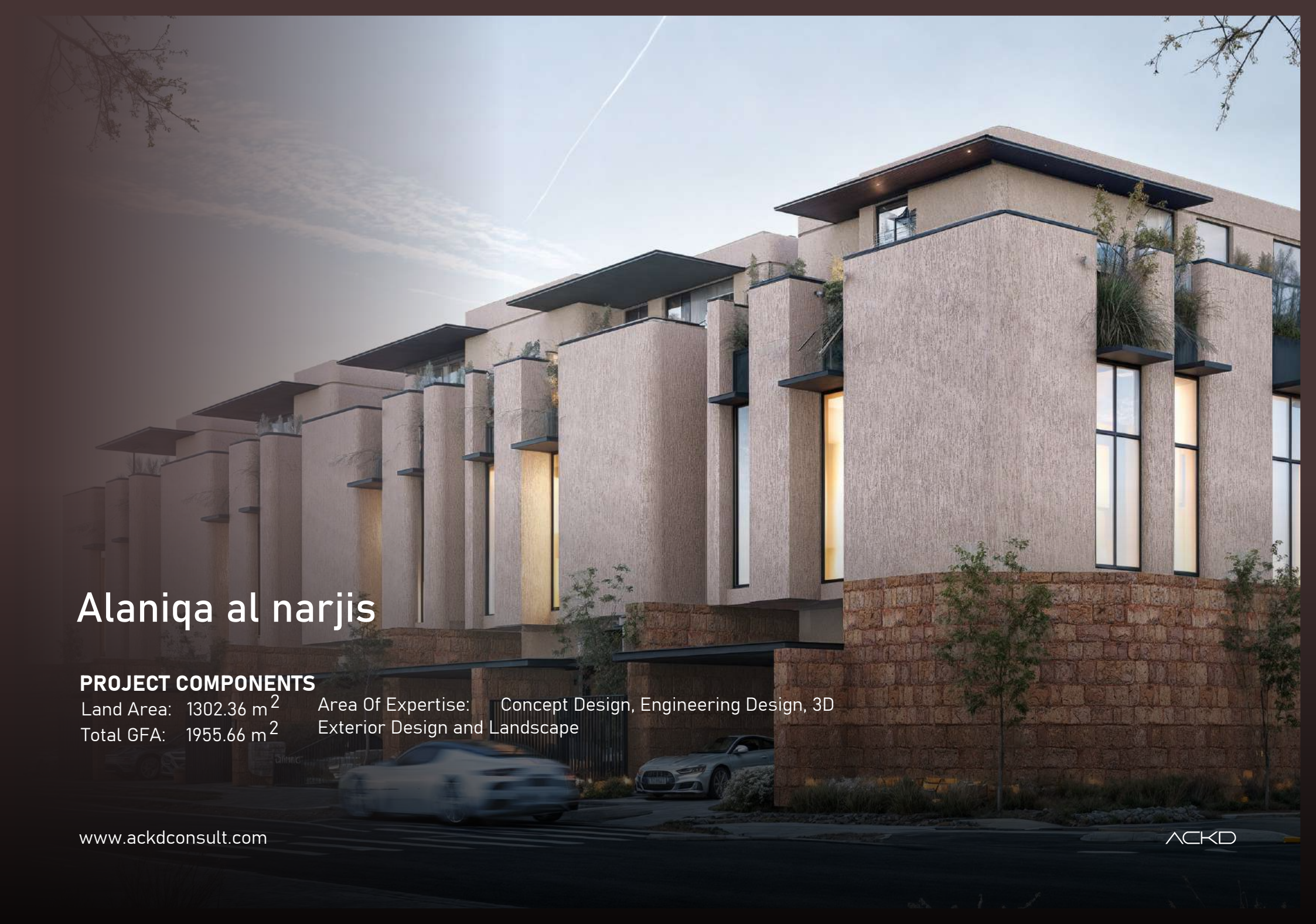
PROJECT COMPONENTS

Land Area: 3,200 m²

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ACKD


B01
B01



Alaniqa al narjis

PROJECT COMPONENTS

Land Area: 1302.36 m^2

Total GFA: 1955.66 m^2

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

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ACKD





Kana

PROJECT COMPONENTS

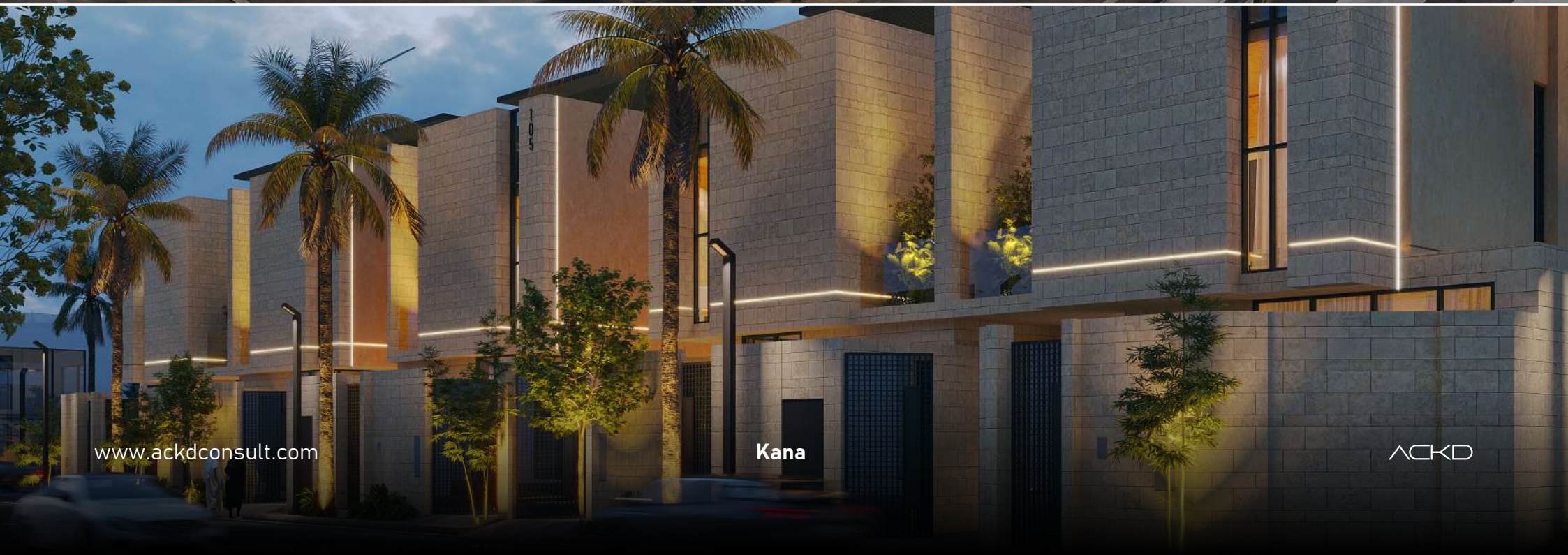
Land Area: 2100 m^2

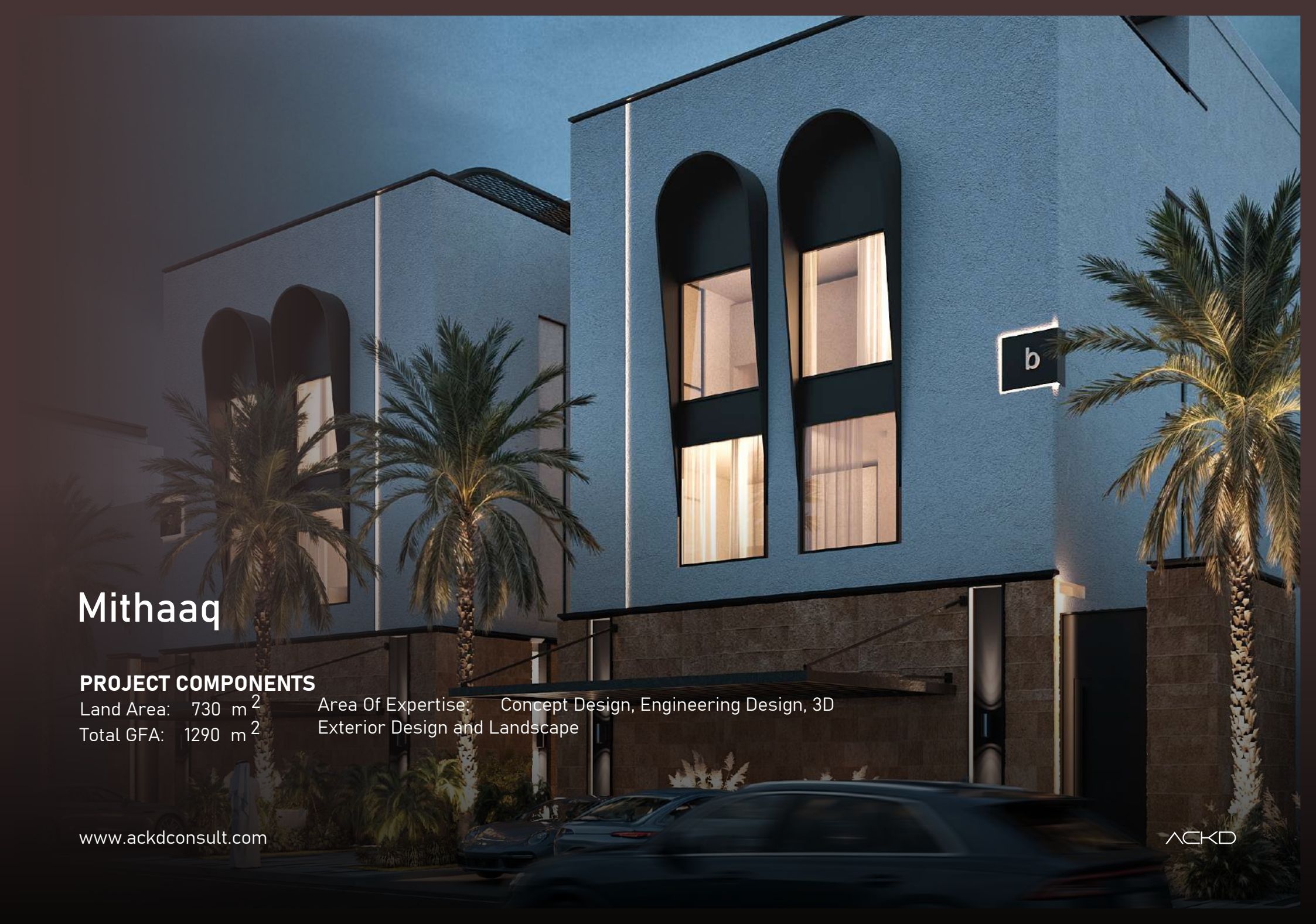
Area Of Expertise: Concept Design, Engineering Design, 3D Exterior Design and Landscape

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ACKD


107


105



Mithaaq

PROJECT COMPONENTS

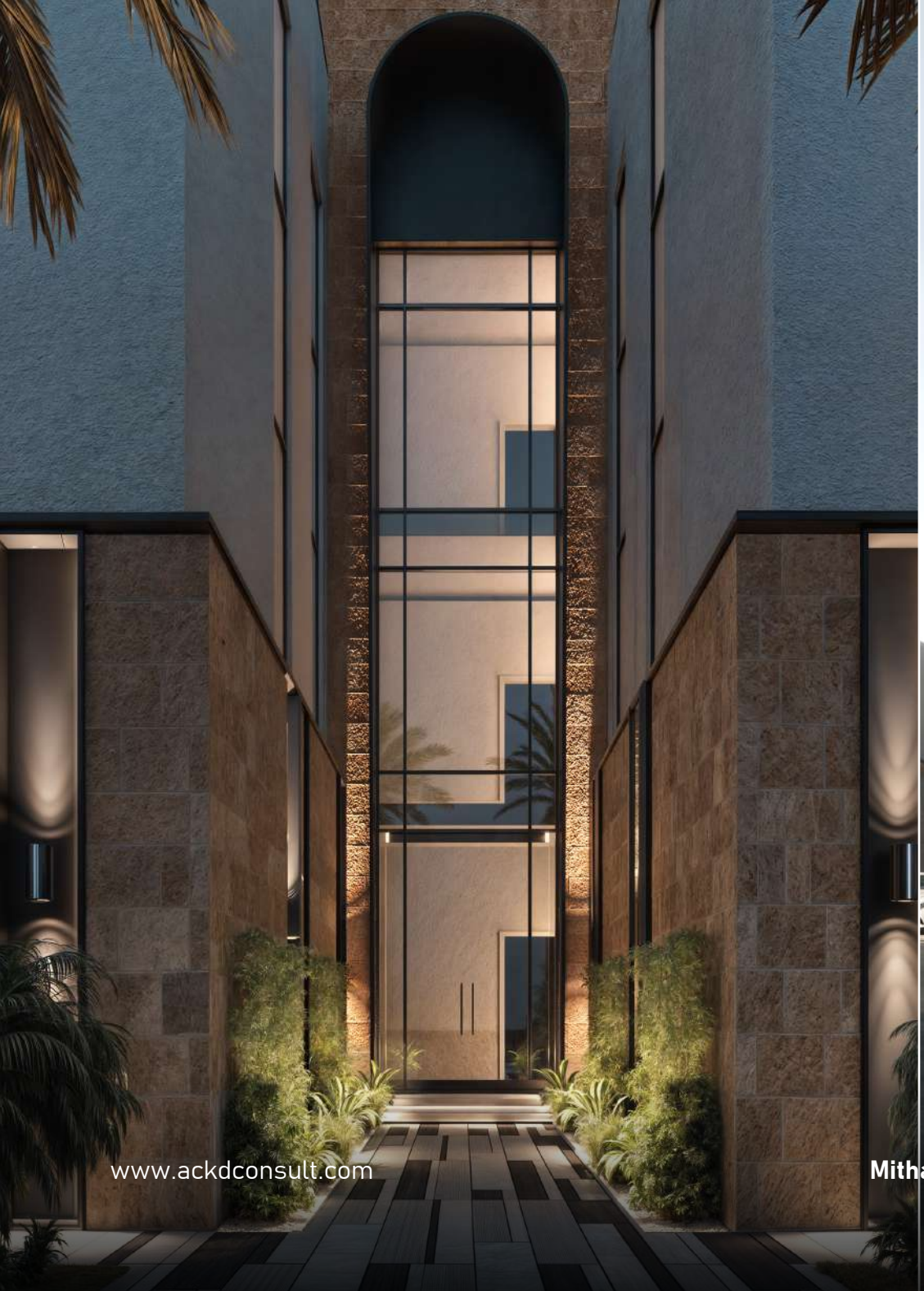
Land Area: 730 m^2

Total GFA: 1290 m^2

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

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Nahdet Alnarjes

PROJECT COMPONENTS

Land Area: 1,500 m ^{2}

Total BUA: 2,070 m ^{2}

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

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03

AOR Services



AOR Services

Extensive Local Expertise in Regulatory Approvals and AOR Services

With more than two decades of experience in the Saudi Arabian market, ACKD has developed extensive and continuously growing expertise in dealing with regulatory authorities, permitting entities, and relevant government agencies across the Kingdom. Our longstanding presence in the market has enabled us to build strong institutional knowledge and practical experience in navigating local regulations, approval processes, and authority requirements, including, but not limited to:

AOR, Regulatory Compliance & Permitting Services
Our Architect of Record (AOR) services cover comprehensive coordination with all relevant regulatory and approving authorities, facilitating the required approvals and supporting the issuance of building permits.

Our services include systematic and detailed design reviews and compliance assessments in accordance with the Saudi Building Code (SBC), applicable Fire and Life Safety Codes, and the regulations, guidelines, and requirements issued by the Ministry of Municipal, Rural Affairs and Housing (MOMAH), as well as the relevant municipalities and authorities across the Kingdom.

AOR Services

Extensive Local Expertise in Regulatory Approvals and AOR Services

In parallel, our engineering services cover the preparation, coordination, and development of all main engineering disciplines, including:

- Architecture
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Fire & Life Safety / Civil Defense

Our deliverables are developed to IFC (Issued for Construction) standards, incorporating the latest international practices and leveraging BIM methodologies in accordance with ISO 19650.

Extensive Project Sector Experience

Our experience covers a broad range of project types and uses, including:

- **Hospitality and Hotels**
- **Commercial and Retail**
- **Residential Apartments**
- **Office and Corporate Developments**
- **Private and Real Estate Villas**
- **Entertainment Developments**
- **High-Rise and Mixed-Use Towers**
- **Residential Communities and Compounds**
- **Airports**
- **Resorts**
- **Museums and Cultural Projects**

AOR Services

Multidisciplinary Coordination & International Design firm Support

Our services extend beyond conventional engineering and AOR responsibilities. ACKD provides comprehensive coordination with all specialist consultants involved in a project, including Acoustics, Lighting, Sustainability, Waste Management, and other specialist disciplines.

We also provide dedicated local design and regulatory support to international architects, engineers, and design consultants from around the world, helping them navigate Saudi regulations, codes, authority requirements, and local design practices.

Through this integrated approach, ACKD helps project teams minimize rework, identify regulatory and coordination issues at an early stage, streamline authority approvals, and accelerate the overall design and permitting process.
Our objective is to bridge the gap between international design expertise and local regulatory requirements, ensuring that projects progress efficiently from design development through approvals and ultimately to Issued for Construction (IFC) documentation.

Top clients and Lead architecture firms



Top clients and Lead architecture firms



AOR Projects

KSR Alramz Towers

- Served as the Lead Design Consultant for the LDC project.
- Reviewed the architectural designer's work and provided the necessary technical support to obtain Royal Commission approval and secure the building permit.
- Developed engineering design documents from the Concept Design stage through to Tender Documentation.
- Prepared detailed architectural, structural, mechanical, electrical, and Civil Defense drawings.
- Coordinated all specialist consultants involved in the project and integrated their deliverables into the project's BIM model.
- Followed up on the tendering process, addressed insurance-related comments, and provided technical support during the construction phase.



AOR Projects

KAFD office projects

- Office Areas Fit-out and Interior Design, Engineering and AOR Review, including Civil Defense Drawings, in accordance with the Saudi Building Code, as well as following up on and obtaining the required permits from the relevant authorities.

  Stakeholders:

  Public Investment Fund (PIF) – Owner
  Saudi Sports Company – Owner
  Ernst & Young (EY) Global – Owner
  AAID – Lead Designer
  CUNDALL – Engineering Consultant
  JLL – Project Management Consultant (PMC)
  Saudi Building Code (SBC), Fire Codes, KAFD Design Guidelines, Balady – Authorities / AHJs



AOR Projects

Aramak Infinity | Mixed-Use

- Architectural Design Review, and engineering design with AOR services, in accordance with the Saudi Building Code, and the follow-up and issuance of licenses with the relevant authorities.

1. Project Components
• Commercial Zone: Contains commercial spaces, restaurants, and offices.
• Residential Zone: Contains residential apartments along with their services and amenities.
• Hospitality Zone: Contains 5-star hotel rooms and apartments.
Note: The project consists of 3 main buildings

3. Number of Floors
• Commercial Zone: 2.5 floors, plus 2 basement levels.
• Residential Zone: 4.5 floors, plus 1 basement level.
• Hospitality Zone: 15 floors, plus 1 basement level.

4. Areas
Total Built-Up Area (BUA) for the Commercial Zone: 46167 sq. m.
Total Built-Up Area (BUA) for the Residential Zone: 18079.80 sq. m.
Total Built-Up Area (BUA) for the Hospitality Zone: 77682.5 sq. m



AOR Projects

Saudi Arabian Museum for Contemporary Arts Diriyah

- Design Review, AOR in accordance with the Saudi Building Code, and the follow-up and issuance of licenses with the relevant authorities.

Project Components
The project consists of showrooms, administrative offices, in addition to supporting services.

Number of Floors
The building consist of 3 floors, with 2 basement levels.
Areas
Total Built-Up Area: 72000 sqm



AOR Projects

Alrajhi Community Facilities KSP

SCHIATTARELLA ASSOCIATI

حديقة الملك سلمان
King Salman Park

- Design Review, AOR in accordance with the Saudi Building Code, and the follow-up and issuance of licenses with the relevant authorities.

Project Components
The project consists of 3 buildings: a police station building, a civil defense building, and a Red Crescent building.

Number of Floors
Police Station Building: Consists of 3 floors.
Red Crescent Building: Consists of 1 floor only.
Civil Defense Building: Consists of 4 floors.

Areas
Total Built-Up Area for all buildings 7030 sqm



AOR Projects

Midtown Apartments

- Design Review and AOR services, in accordance with the Saudi Building Code, and the follow-up and issuance of licenses with the relevant authorities.

Project Components
The project is located at Qiddiyah city, district 11. The project contains 6 residential buildings with common podiums, and with a total number of 1098 apartments
Number of Floors
10 floors (G+9)
Areas
Total Built-Up Area (BUA): 105,000 sqm.



AOR Projects

INFORMA offices
STC Smart Square

- Office Areas Fit-out and Interior Design, Engineering and AOR Review, including Civil Defense Drawings, in accordance with the Saudi Building Code, as well as following up on and obtaining the required permits from the relevant authorities.



AOR Projects

Hittin Awfa

المسار الرياضي
Sports Boulevard

Gerber Architekten

أوفى للاستثمار
AWFA INVESTMENT



- The project is located on Prince Mohammed bin Salman Road, within the Sports Boulevard area.

  The project comprises an office/commercial building consisting of five above-ground floors, in addition to four basement levels dedicated to parking.

  Scope of Work: Obtaining the required permits, providing Architect of Record (AOR) services, and preparing multidisciplinary engineering drawings for all disciplines.

Projects

Development of Najran International Airport

- The development of the façades of Najran International Airport is one of the distinguished projects our team has worked on. The project was designed using precast concrete, extending 145 meters in length and 25 meters in height. It features columns fixed from the foundations and free at the top, with spacing between columns reaching up to 12 meters. These are topped with concrete panels spanning the entire length, in addition to a steel structural frame that connects the columns from bottom to top and supports the glass panels.

  Among the major challenges the team faced and successfully overcame were:
  - Logistical aspects and dividing the wall to facilitate transportation.
  - Avoiding existing foundations and infrastructure services on site.
  - Lifting and installing precast concrete blocks weighing up to 33 tons.
  - Managing the significant height while keeping the columns free at the top.
  -Designing and executing expansion joints for a project of this length.

  An achievement we are proud of at ACKD Company, reflecting the team's competence and its ability to overcome engineering challenges successfully.



Projects

Logistics Bonded Zone

SYNERGY CONSULTING ENGINEERS Systematica Samir Khairallah & Partners Architects Planners Engineers matarat مطارات

- Logistic Area 3 million sqm
  Reviewing and approving the architectural plans according to the Saudi Building Code, ensuring compliance with the requirements of the municipality, and AOR services



Projects

Workers and Staff Accommodation, AlUla Region

- Design Review and AOR services, in accordance with the Saudi Building Code, and the follow-up and issuance of licenses with the relevant authorities.

Project Components
Commercial Zone: Contains commercial spaces, restaurants, and offices.
Residential Zone: Contains residential apartments along with their services and amenities.
Hospitality Zone: Contains 5-star hotel rooms and apartments.
Note: The project consists of 3 main buildings

Number of Floors
Commercial Zone: 2.5 floors, plus 2 basement levels.
Residential Zone: 4.5 floors, plus 1 basement level.
Hospitality Zone: 15 floors, plus 1 basement level.
Areas
Total Built-Up Area (BUA) for the Commercial Zone: 46167 sq. m.

Total Built-Up Area (BUA) for the Residential Zone: 18079.80 sq. m.

Total Built-Up Area (BUA) for the Hospitality Zone: 77682.5 sq. m.



Projects

Prince Sultan bin Abdulaziz Humanitarian City

- Prince Sultan bin Abdulaziz Humanitarian City

Prince Sultan bin Abdulaziz Humanitarian City contains more than 60 buildings (Medical buildings (Hospital), Annex services buildings, and Residential buildings) and is considered one of the leading cities in providing health care services and prosthetics.

Works:

Review the design of Fire Safety Systems .
Supervision on inistalation of Fire Safety Systems.
Testing and commissioning of Fire Safety Systems.
Handover the project to Civil Defense.



Projects

Services Buildings - Diriyah

Contracting & Construction Enterprises

Newfab

KBR

شركة الدرعية Diriyah Company

- Design Review and AOR services, and preparation of engineering drawings in accordance with the Saudi Building Code.

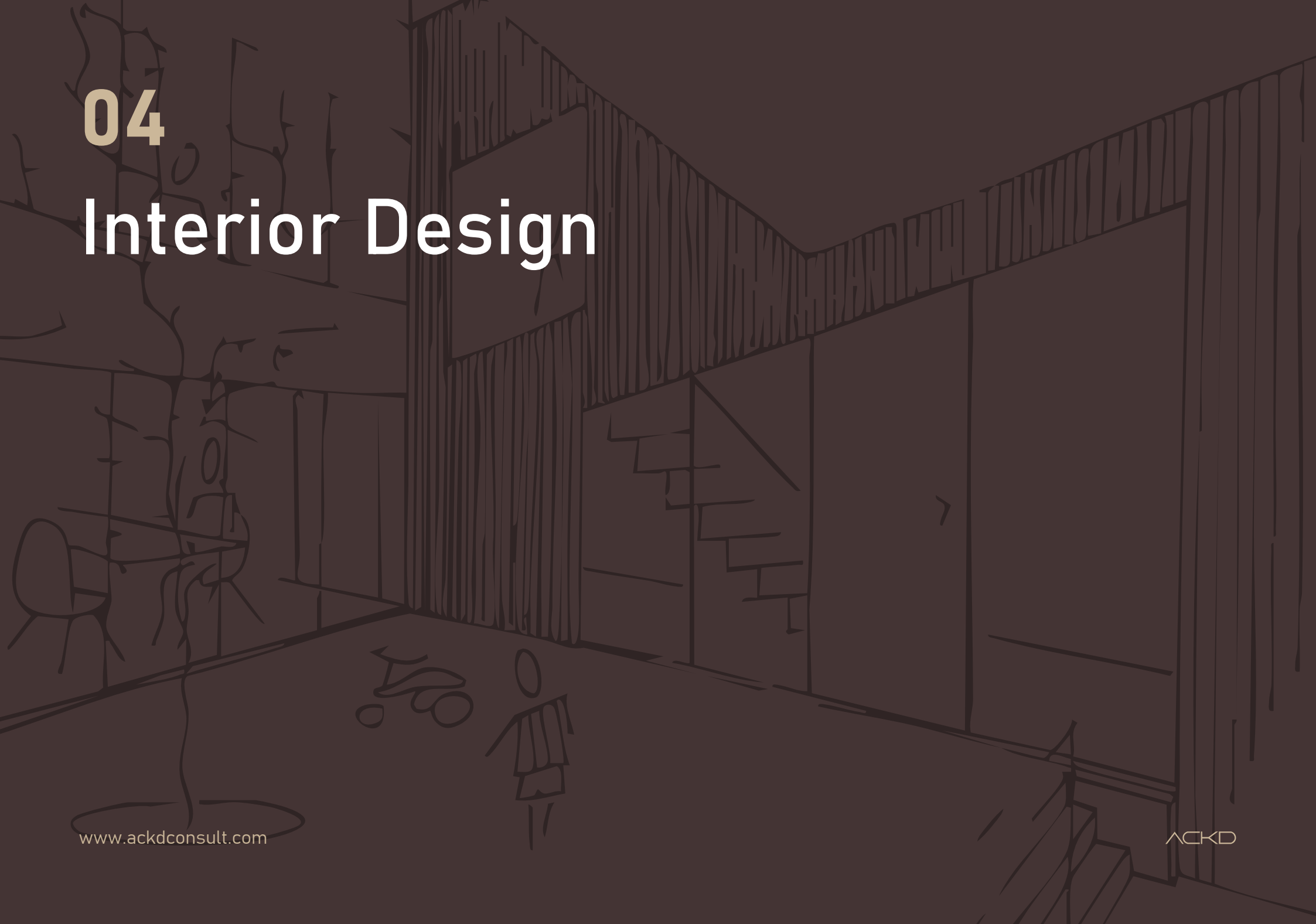
1. Project Components
- The project is located at diriyah. The project contains 5 temporary buildings

2. Number of Floors
- Building 01 (office building 1) – 2 floors
- Building 02 (clinic) – 1 floor
- Building 03 (warehouse) – 1 floor
- Building 04 (guard House) – 1 floor
- Building 05 (office building 2) – 1 floor

3. Areas
Total Built-Up Area (BUA): 11,480 sqm.

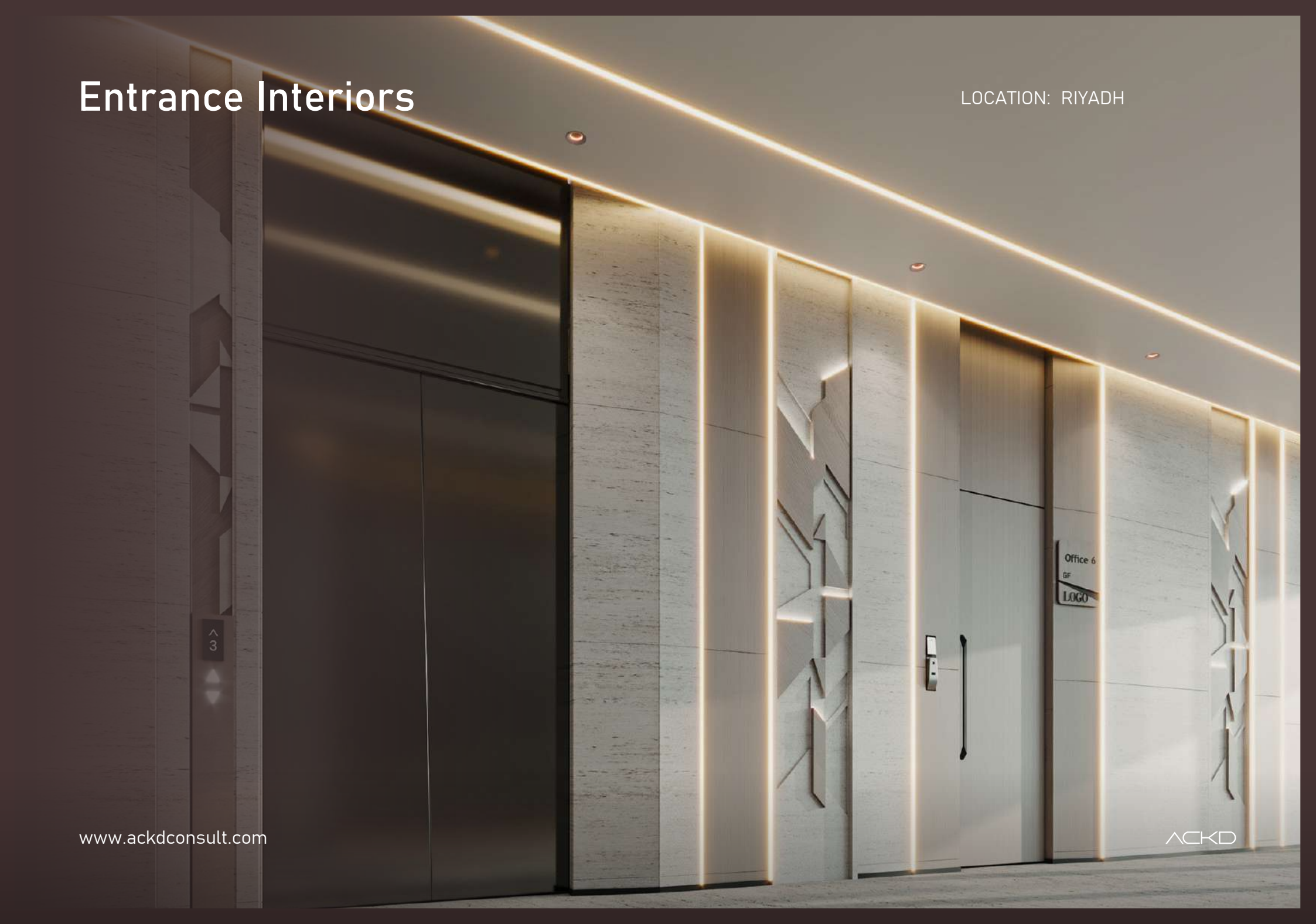


04
Interior Design



Entrance Interiors

LOCATION: RIYADH




Office 6
GF
LOGO

Villa Interiors

LOCATION: RIYADH



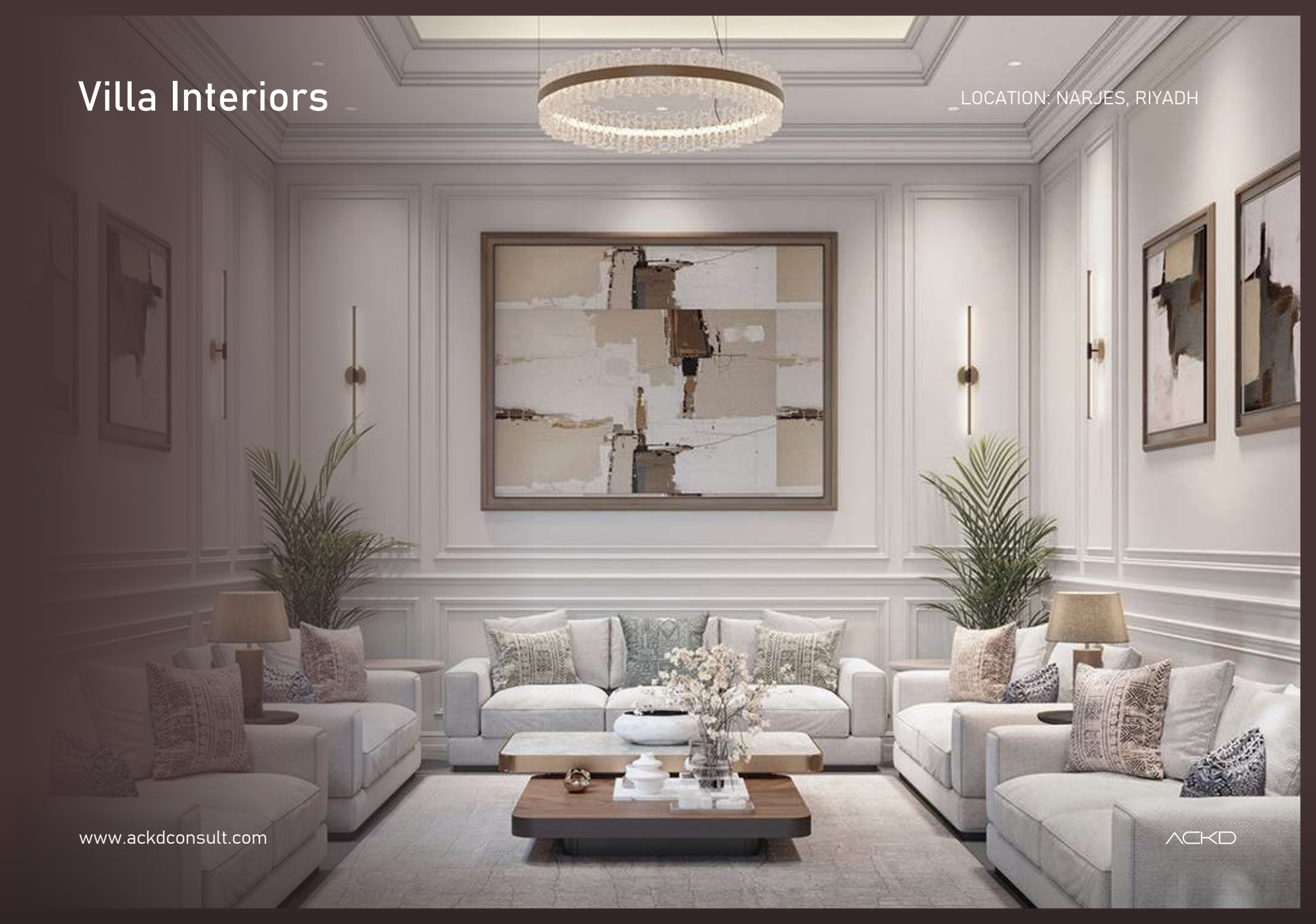
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Villa Interiors

LOCATION: NARJES, RIYADH



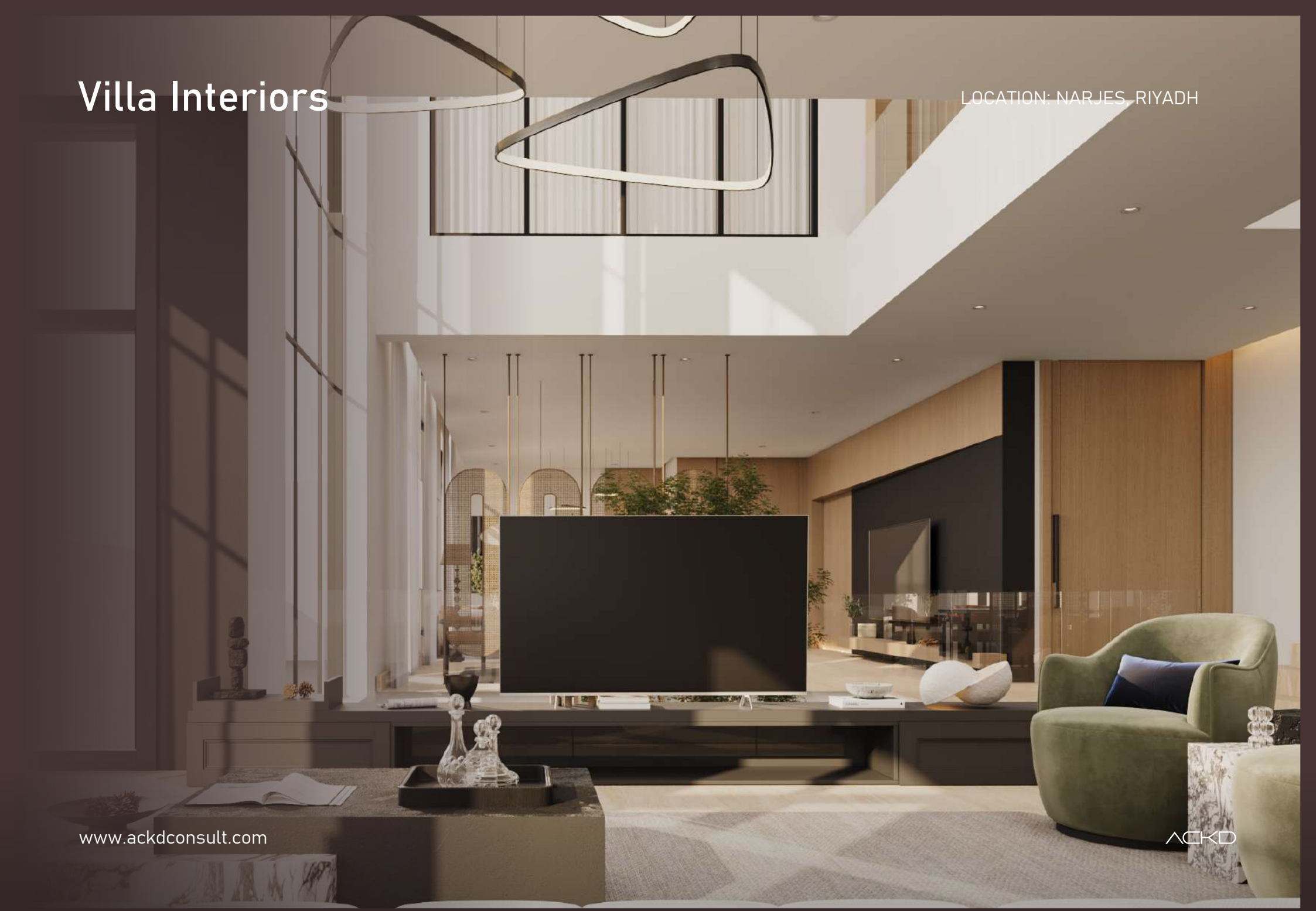
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Villa Interiors

LOCATION: NARJES, RIYADH



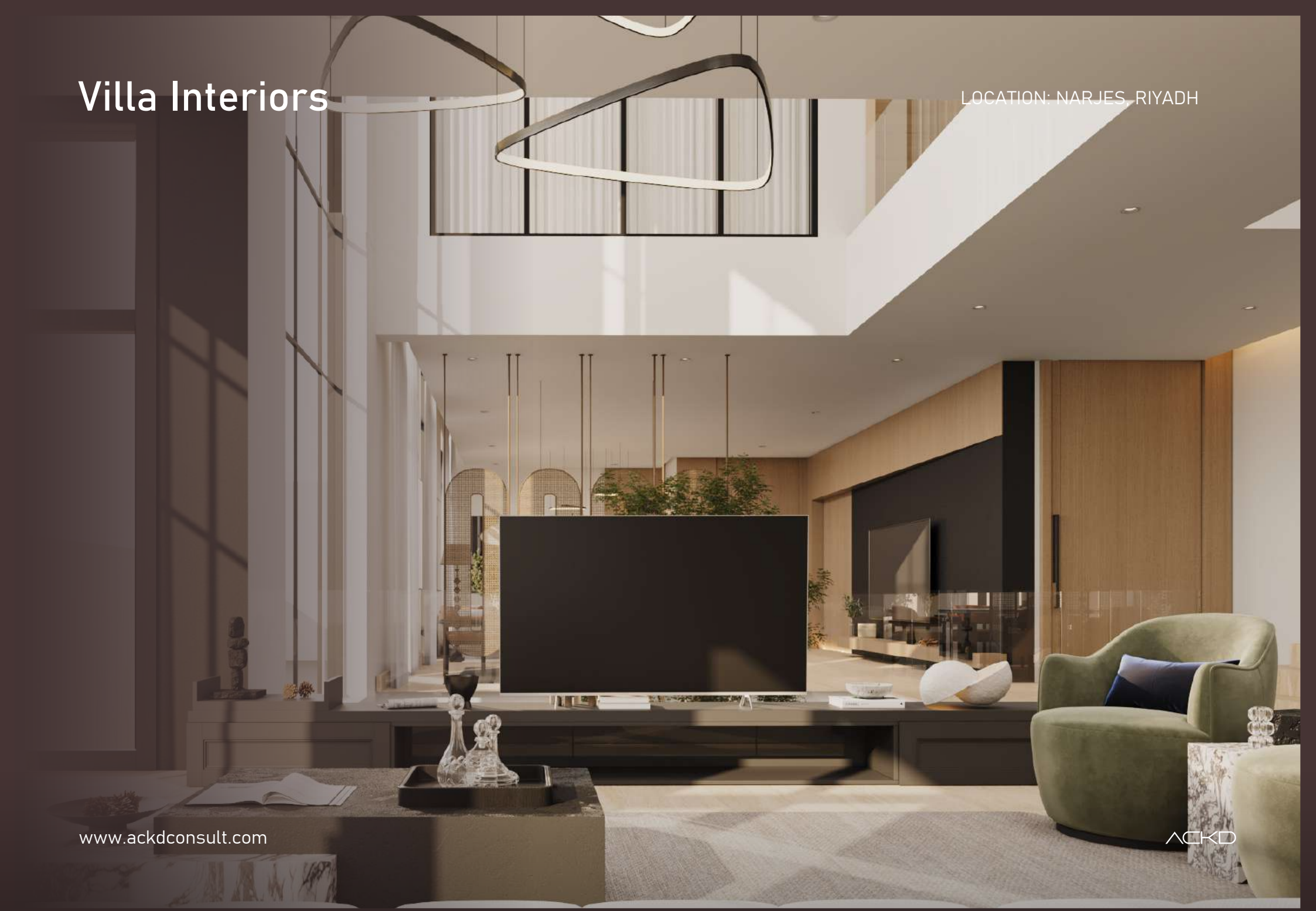
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Villa Interiors

LOCATION: NARJES, RIYADH





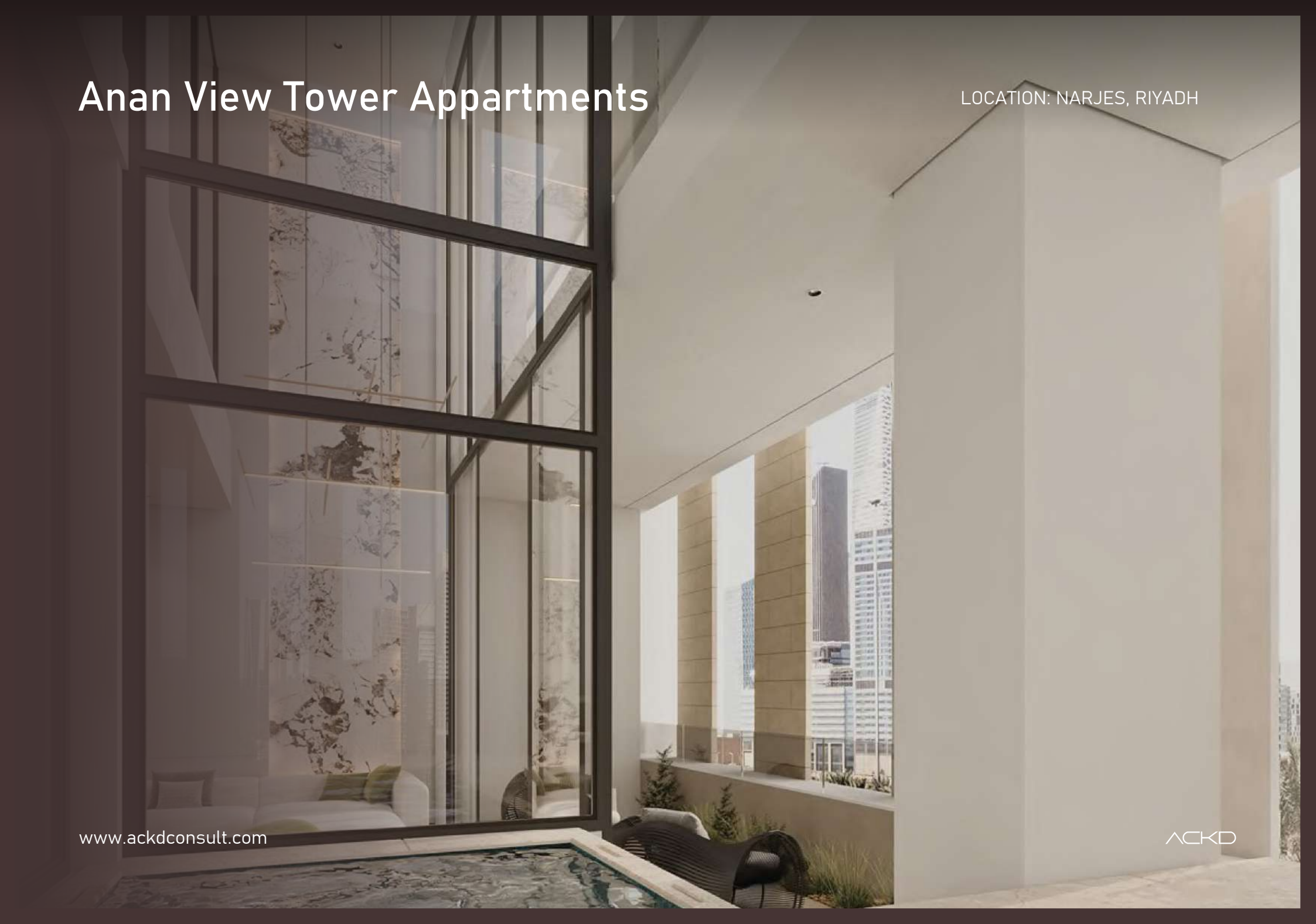






Anan View Tower Appartments

LOCATION: NARJES, RIYADH



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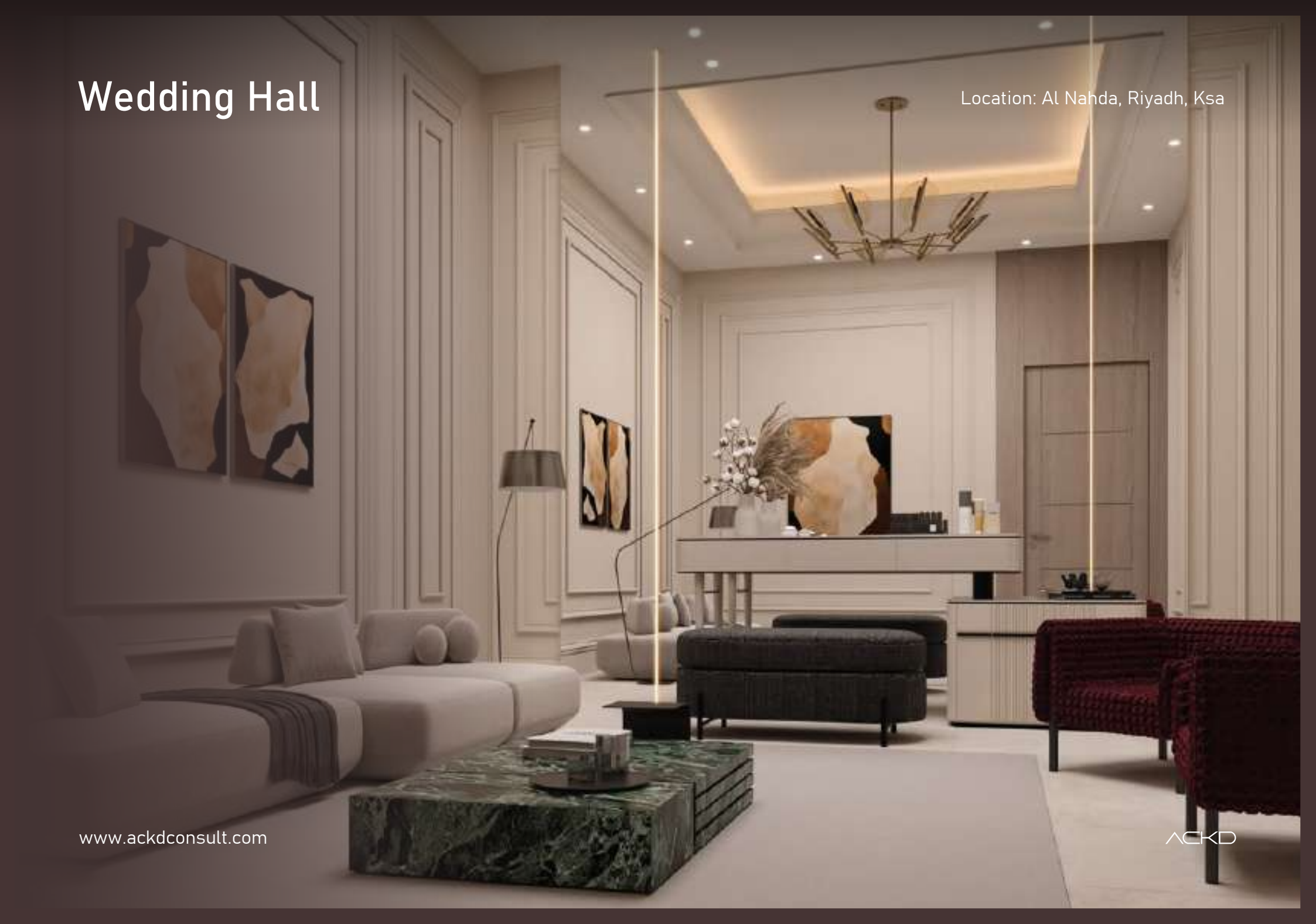






Wedding Hall

Location: Al Nahda, Riyadh, Ksa



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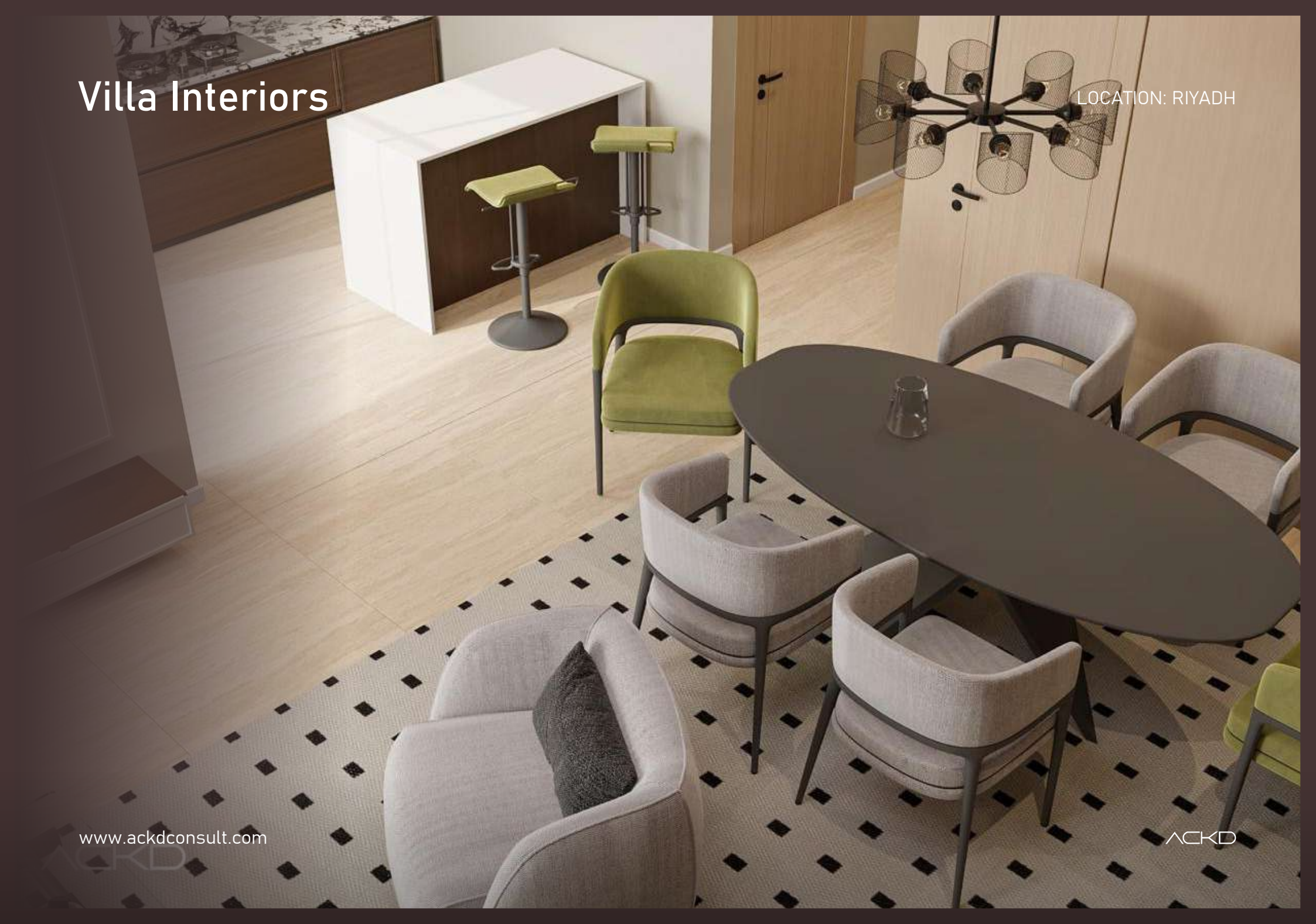
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Villa Interiors

LOCATION: RIYADH

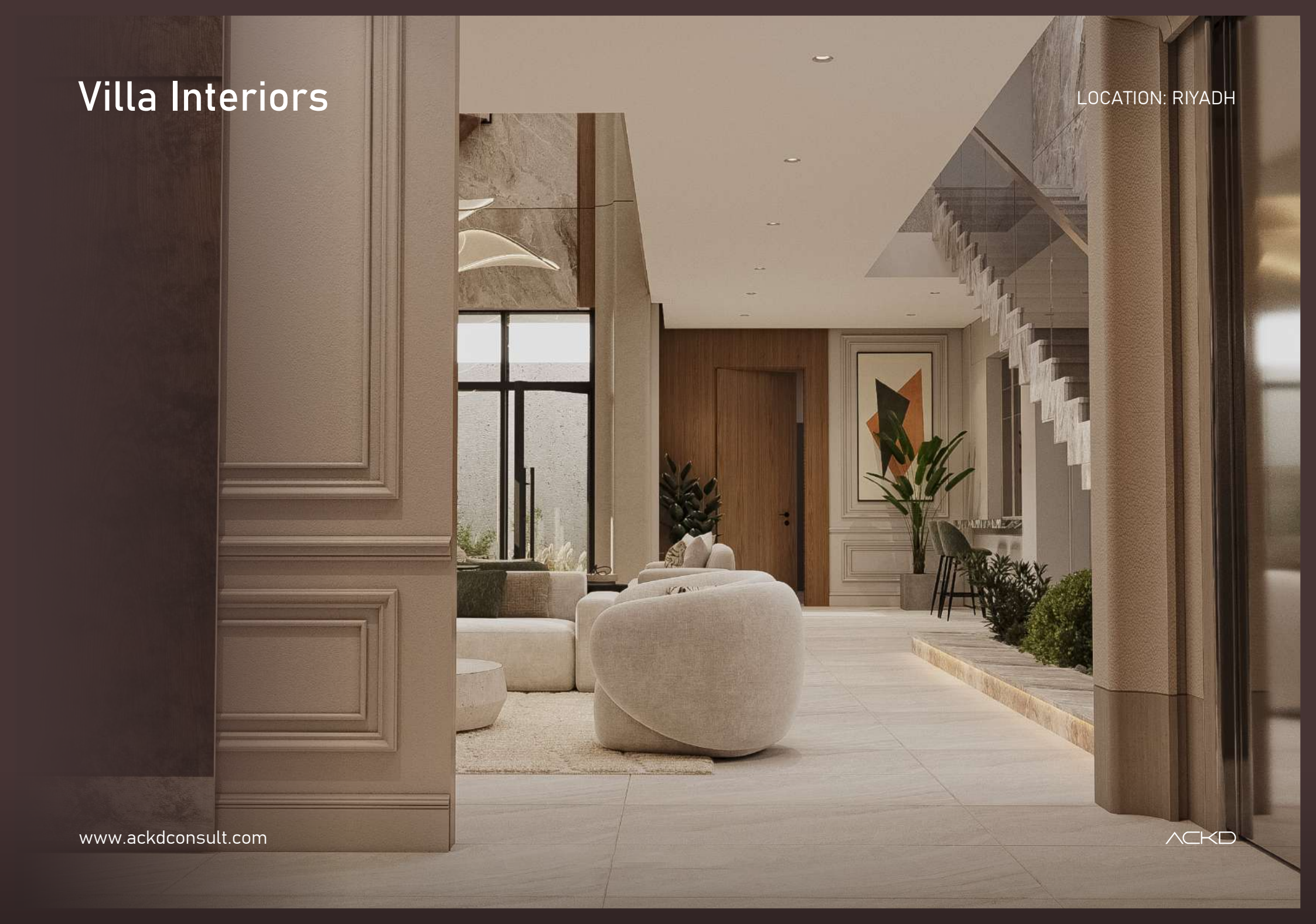



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Villa Interiors

LOCATION: RIYADH



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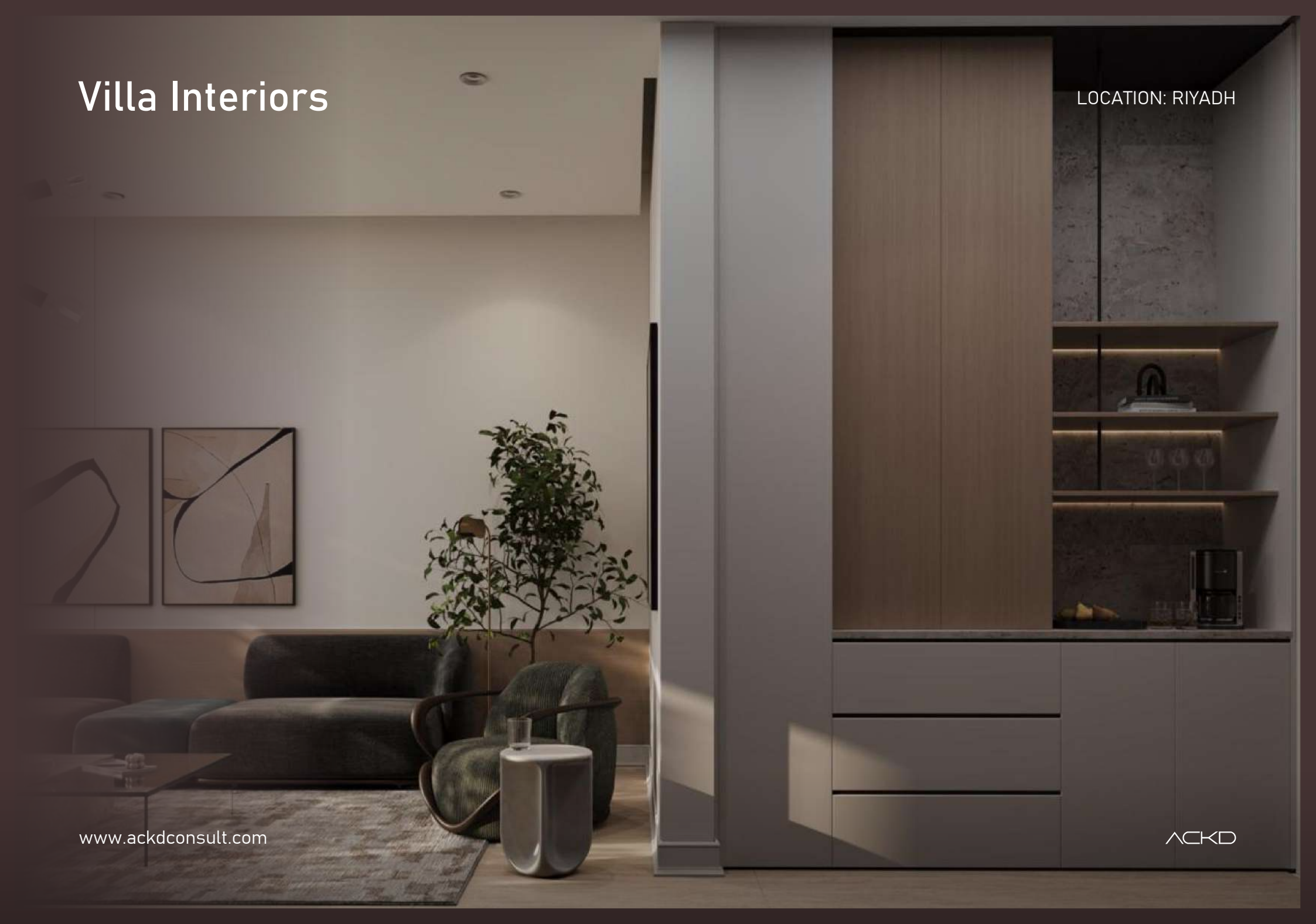
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Villa Interiors

LOCATION: RIYADH



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05

Supervision & Project Management



GALLARY 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

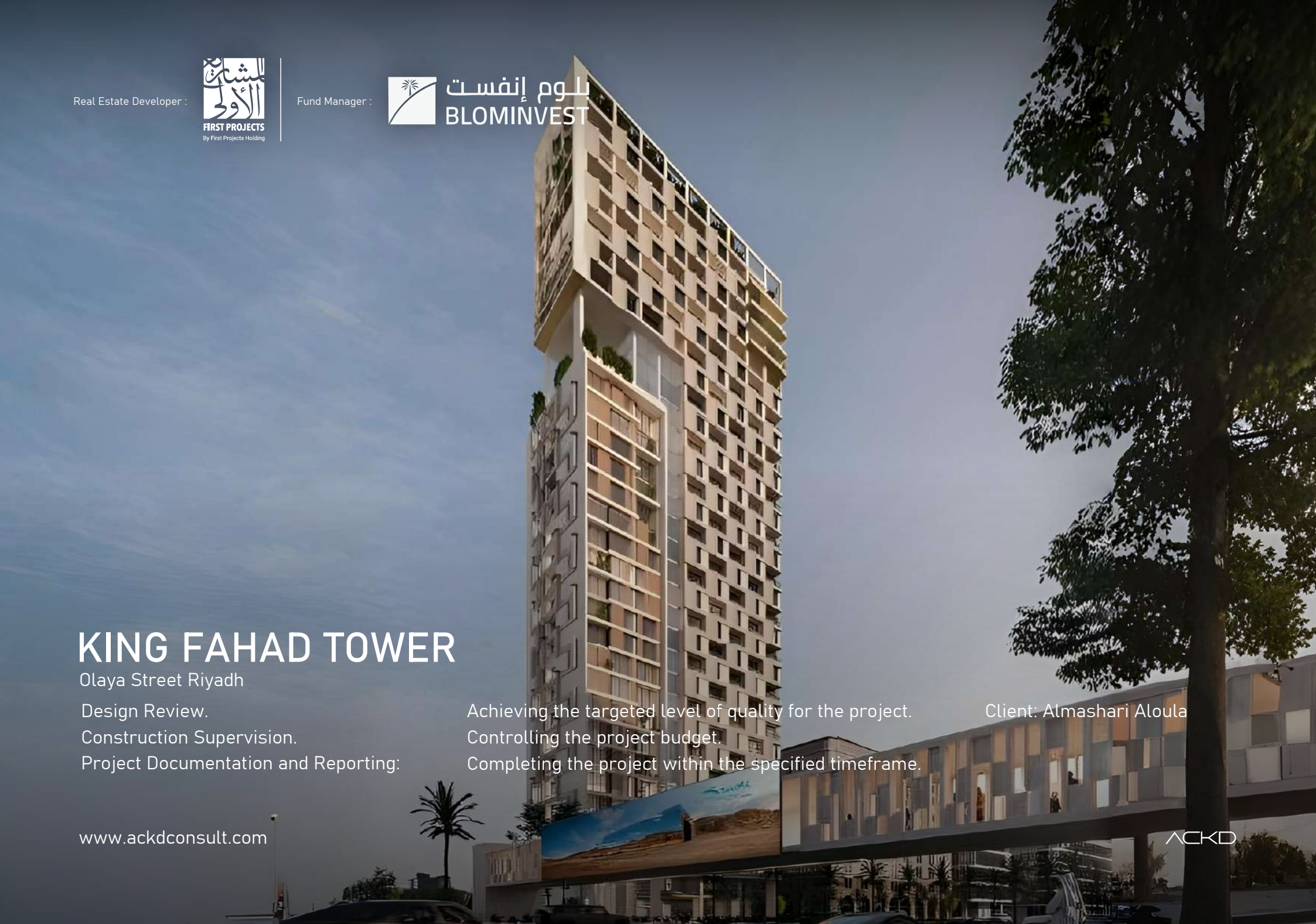
4
Review and approval of contractors' invoices.

5
Make weekly and monthly reports for client .

6
Submit the required reports for AMANA & WAFI.

Real Estate Developer : FIRST PROJECTS By First Projects Holding

Fund Manager : بلوم إنفست BLOMINVEST



KING FAHAD TOWER

Olaya Street Riyadh

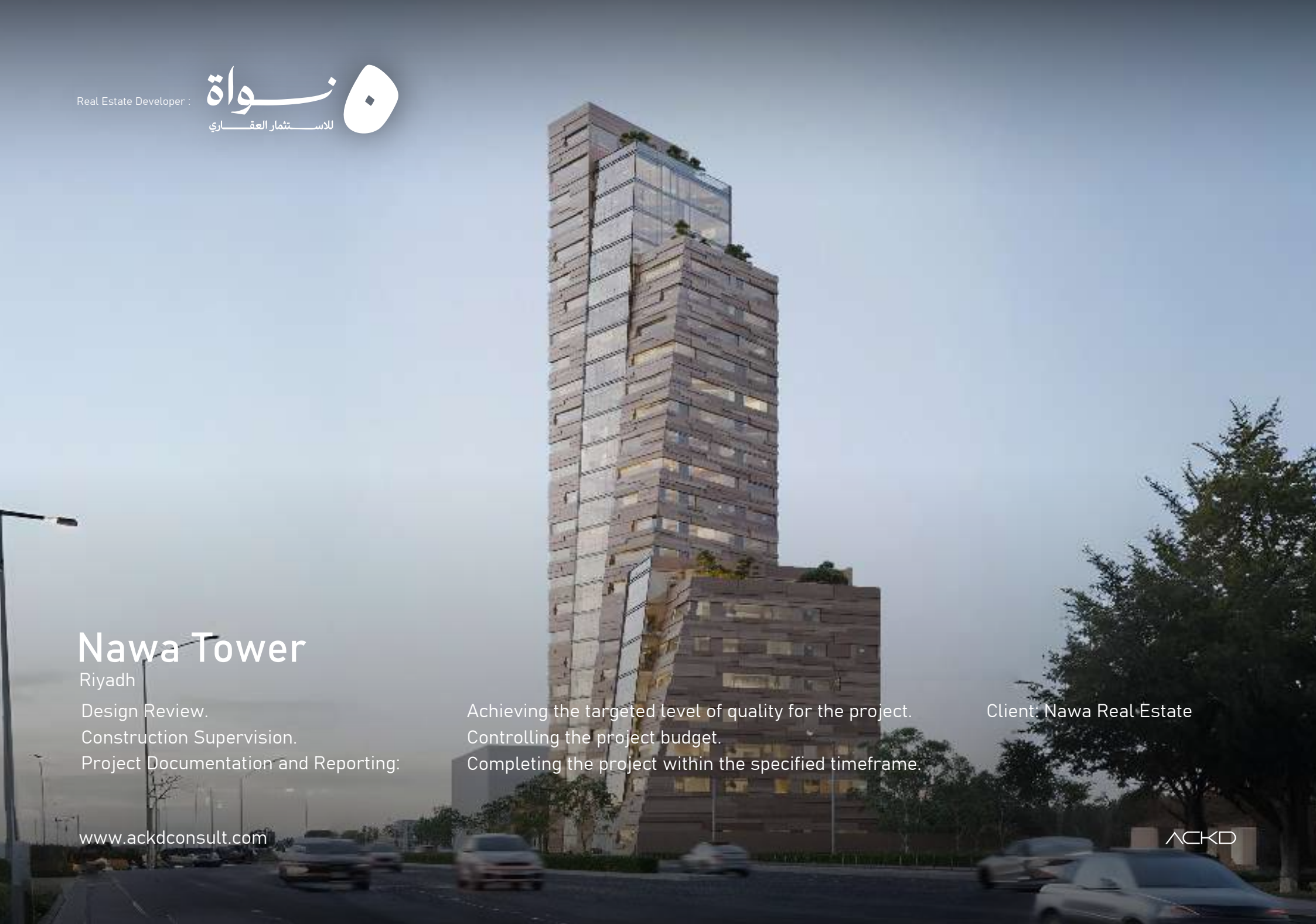
Design Review.
Construction Supervision.
Project Documentation and Reporting:

Achieving the targeted level of quality for the project.
Controlling the project budget.
Completing the project within the specified timeframe.

Client: Almashari Aloula

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Real Estate Developer : نواة للاستثمار العقاري

Nawa Tower

Riyadh

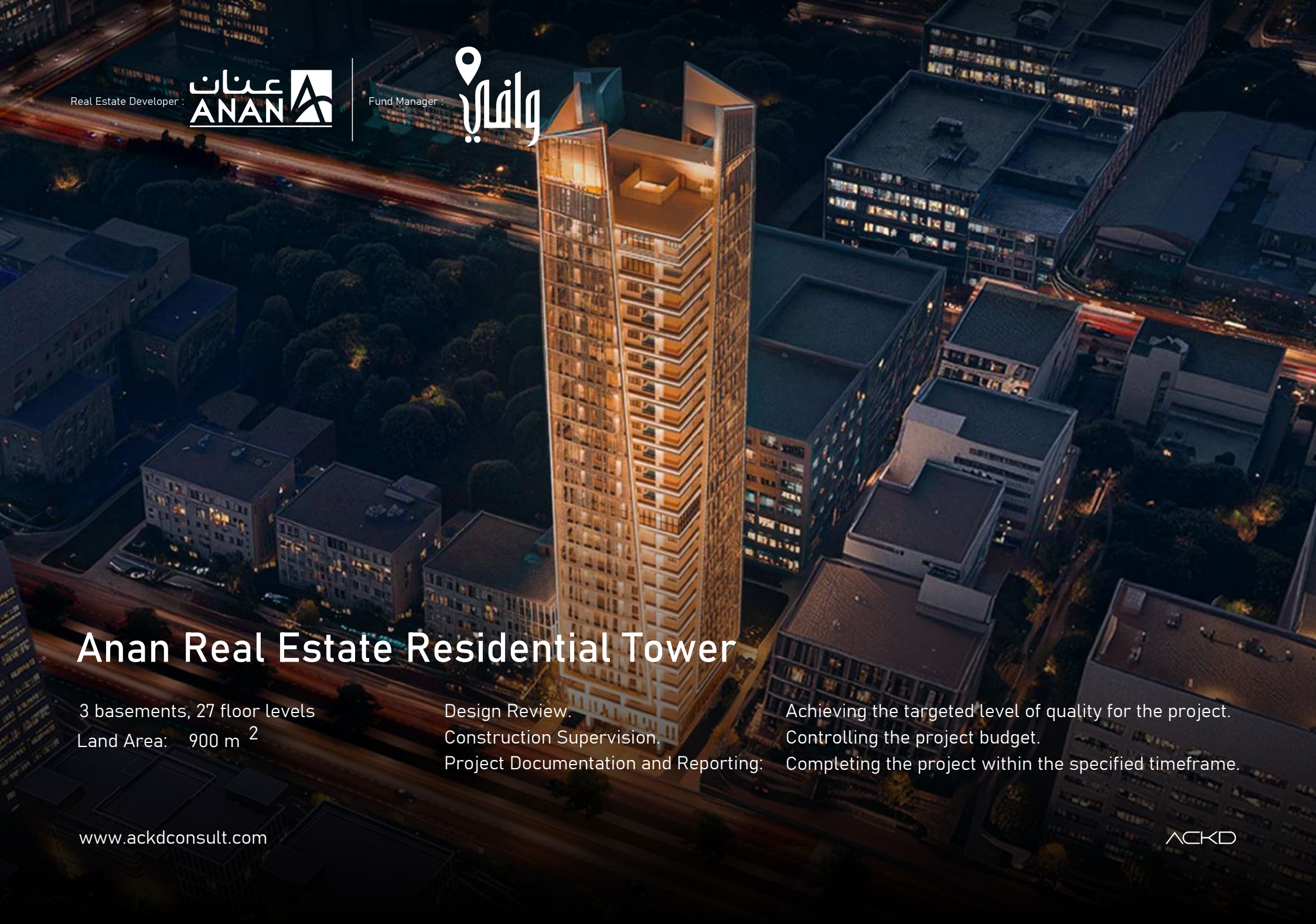
Design Review.
Construction Supervision.
Project Documentation and Reporting:

Achieving the targeted level of quality for the project.
Controlling the project budget.
Completing the project within the specified timeframe.

Client: Nawa Real Estate

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Anan Real Estate Residential Tower

3 basements, 27 floor levels

Land Area: 900 m ^{2}

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.

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Fund Manager :
بلوم إنفست
BLOMINVEST
Operator :
HYATT
REGENCY
Sahafa Tower
4 basements, 28 floor levels , Roof
Land Area: 1800 im2
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ACKD

Real Estate Developer : كالما CALMA



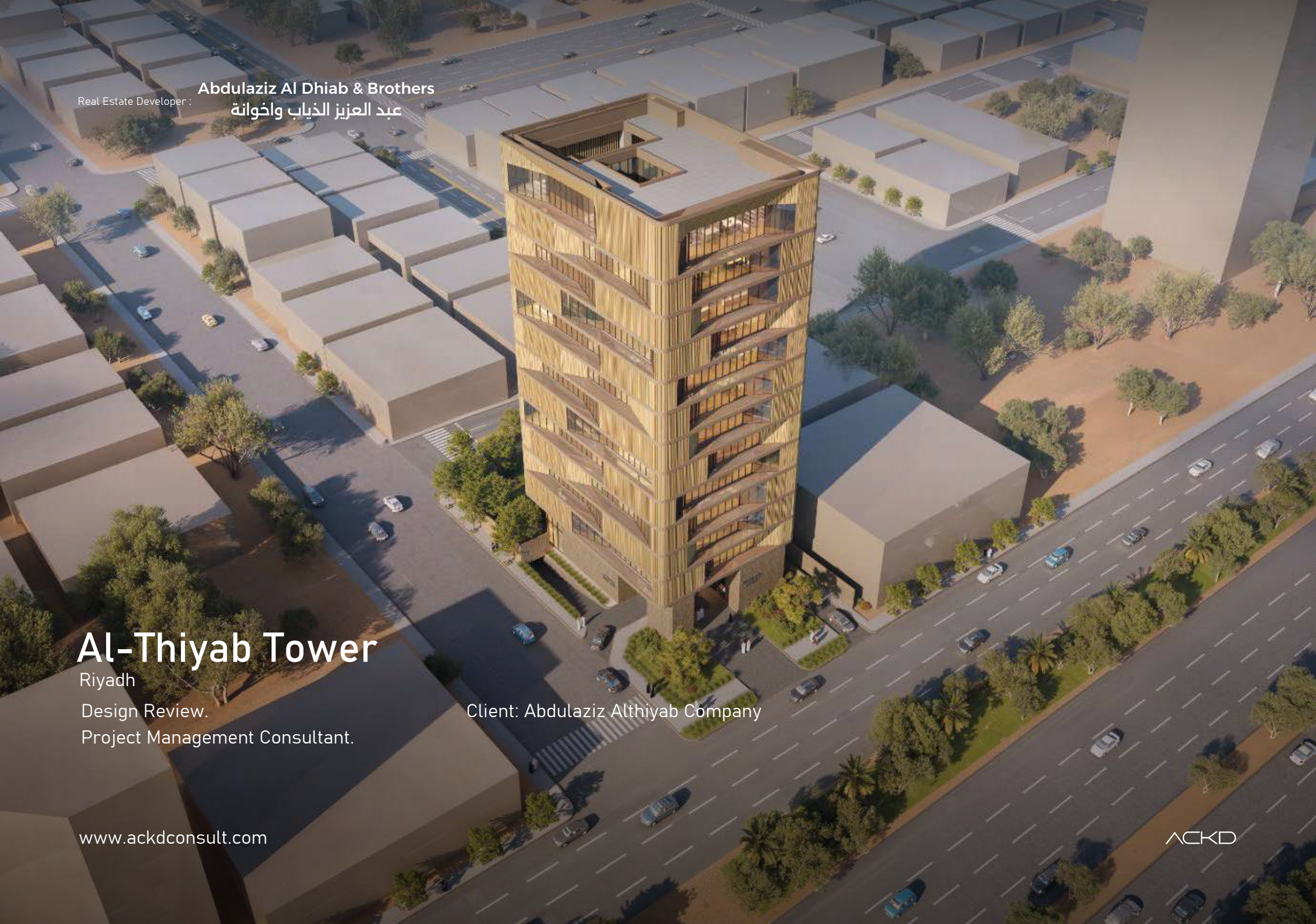
Supervision of Commercial-residential Building

4 basements, 20 floor levels , Roof

Land Area: 2450 m2

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

Al-Thiyab Tower

Riyadh

Design Review.
Project Management Consultant.

Client: Abdulaziz Althiyab Company

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Real Estate Developer :

كلمة للتطوير والاستثمار العقاري
Kelma Real Estate Investment & Development



Kalima Tower

Riyadh

Design Review.
Project Management Consultant.

Client: Kalima Real Estate Development

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Real Estate Developer :

شركة رؤية المستثمر
INVESTOR'S VISION COMPANY

Fund Manager :

وافي



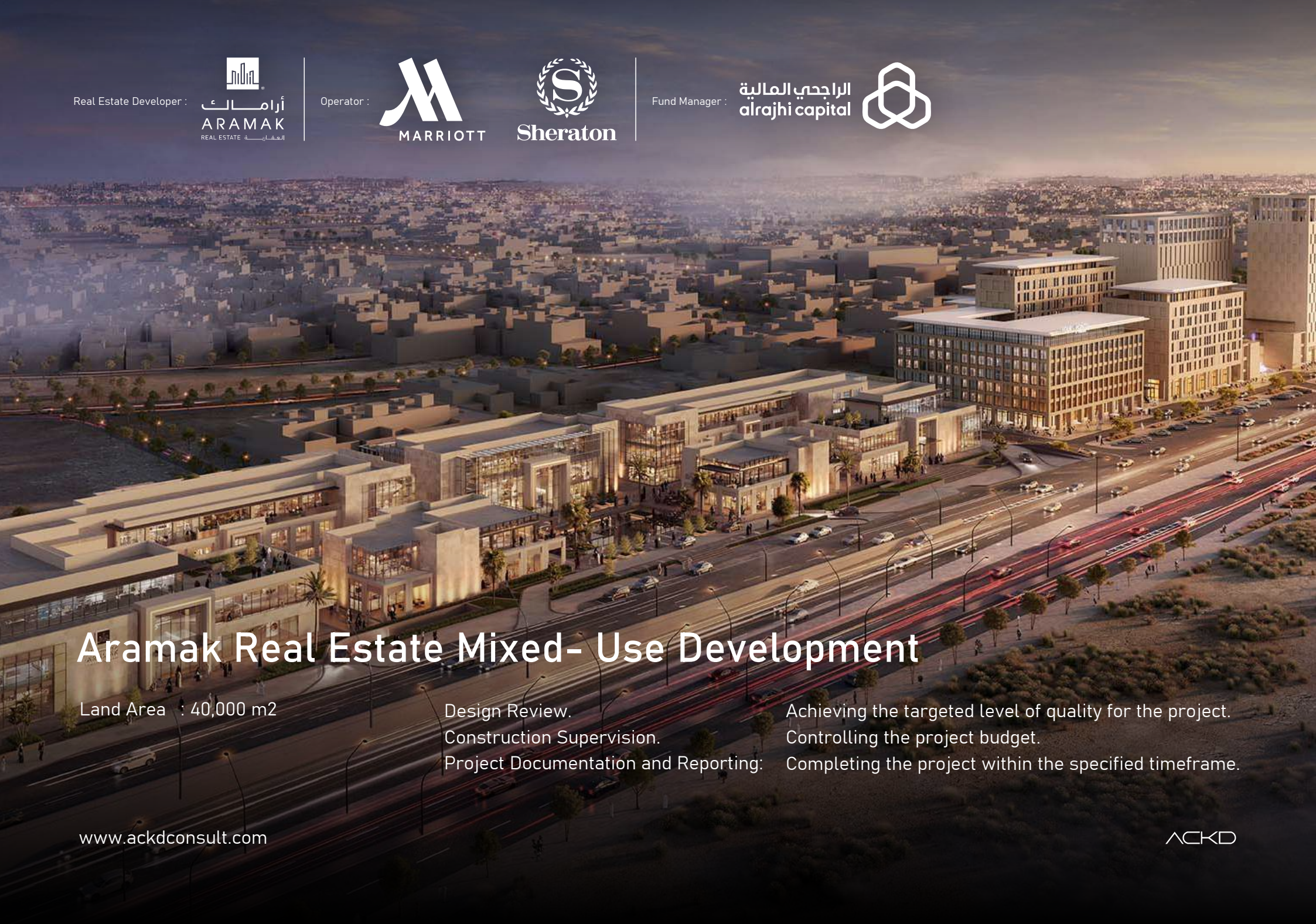
Palms Tower

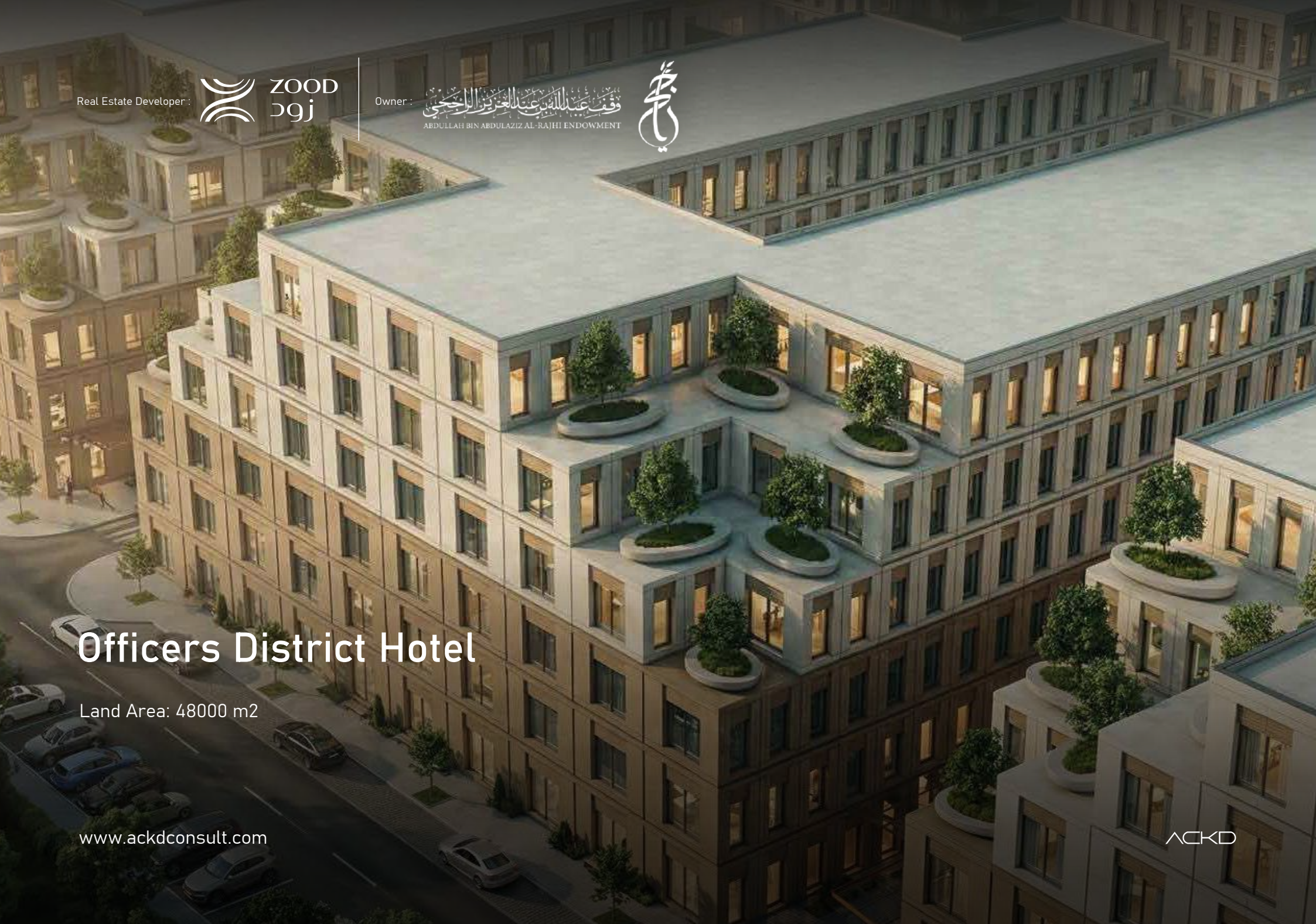
Riyadh

Supervision
reporting wafi

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Real Estate Developer :
أرامـــاك
ARAMAK
REAL ESTATE العقـــارية
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.
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Officers District Hotel

Land Area: 48000 m2

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Real Estate Developer : BUNA HOLDING

Owner : وقف عبدالله بن عبدالعزيز الراجحي ABDULLAH BIN ABDULAZIZ AL-RAJHI ENDOWMENT



Officers District Hotel

Land Area: 10000 m2

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ACKD

Real Estate Developer : NAYA

Fund Manager : صكوك Sukuk Capital



Supervision of residential Building

Land Area: 7732 m2

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Al-Yasmin Villas

20 Villa

Client: Almashari Aloula

Location: Alyasmin Destrict

Status: Finished

SOW: Supervision

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Real Estate Developer :

Mohammed bin Sulaiman Al Habib Real Estate

محمد بن سليمان الحبيب العقارية

Hayaz Project

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

Design .

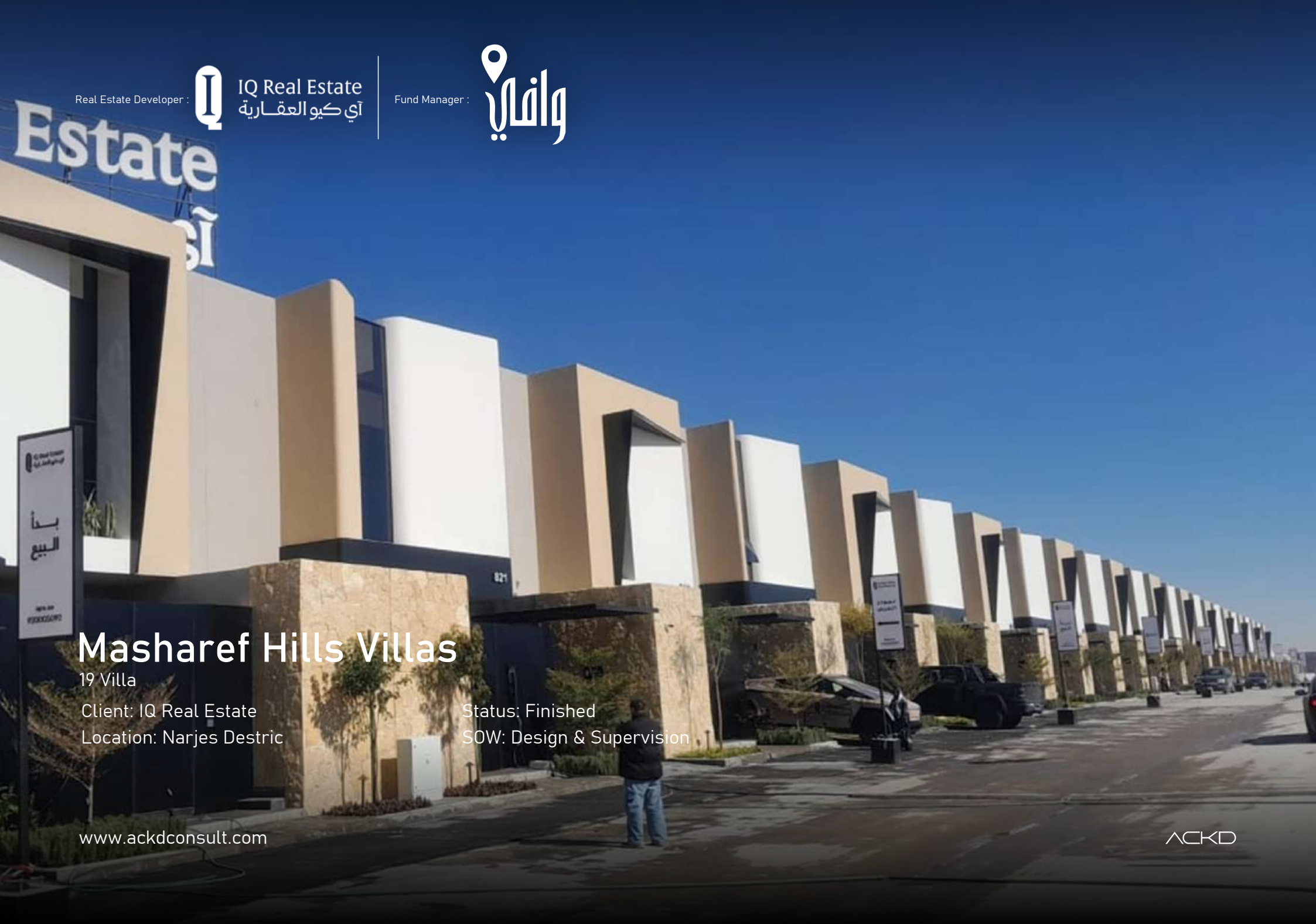
Project Management Consultant.

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Real Estate Developer : IQ Real Estate آي كيو العقارية

Fund Manager : وافي



Masharef Hills Villas

19 Villa

Client: IQ Real Estate

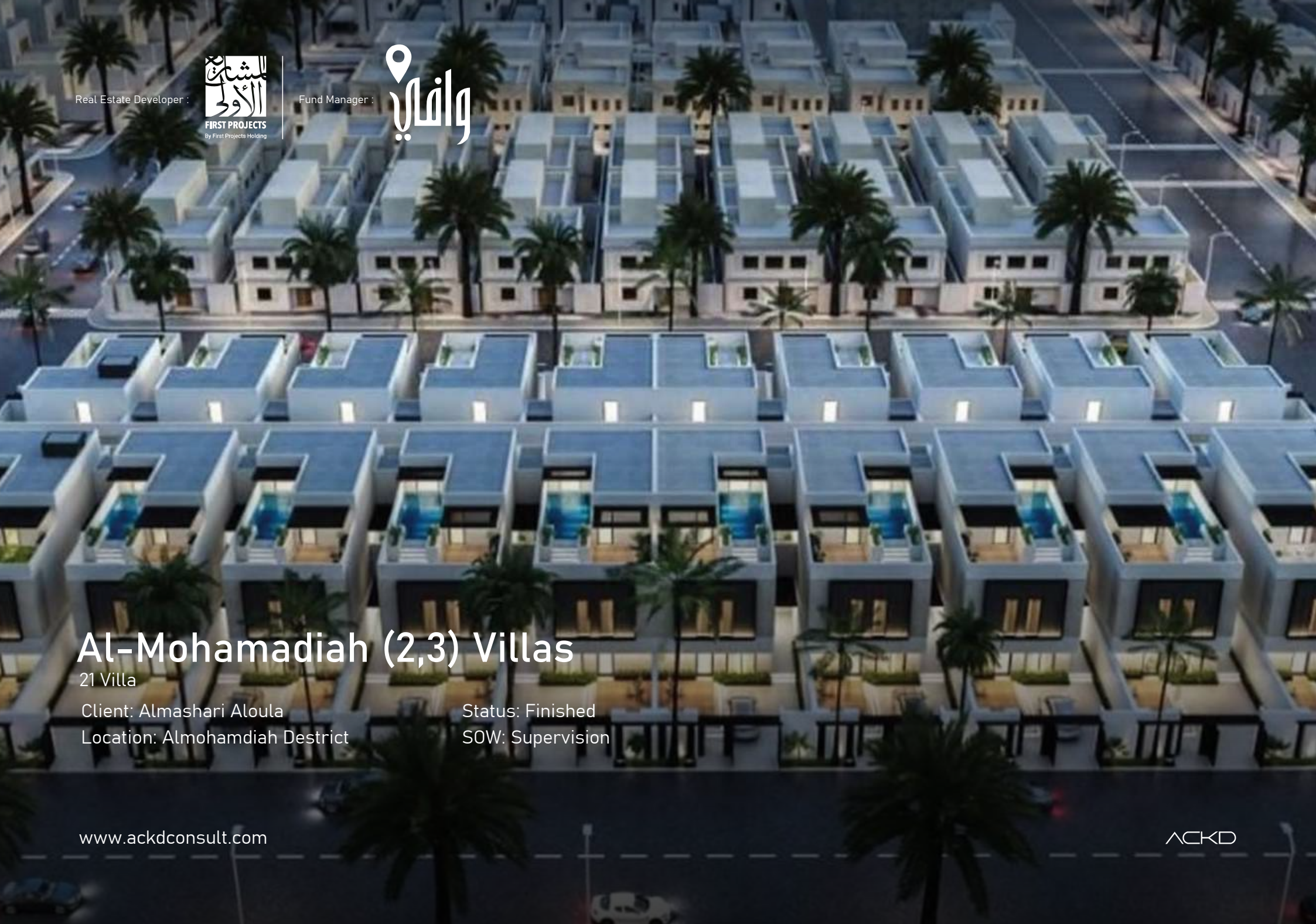
Location: Narjes Destric

Status: Finished

SOW: Design & Supervision

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Real Estate Developer : FIRST PROJECTS By First Projects Holding

Fund Manager : وافي

Al-Mohamadiah (2,3) Villas

21 Villa

Client: Almashari Aloula

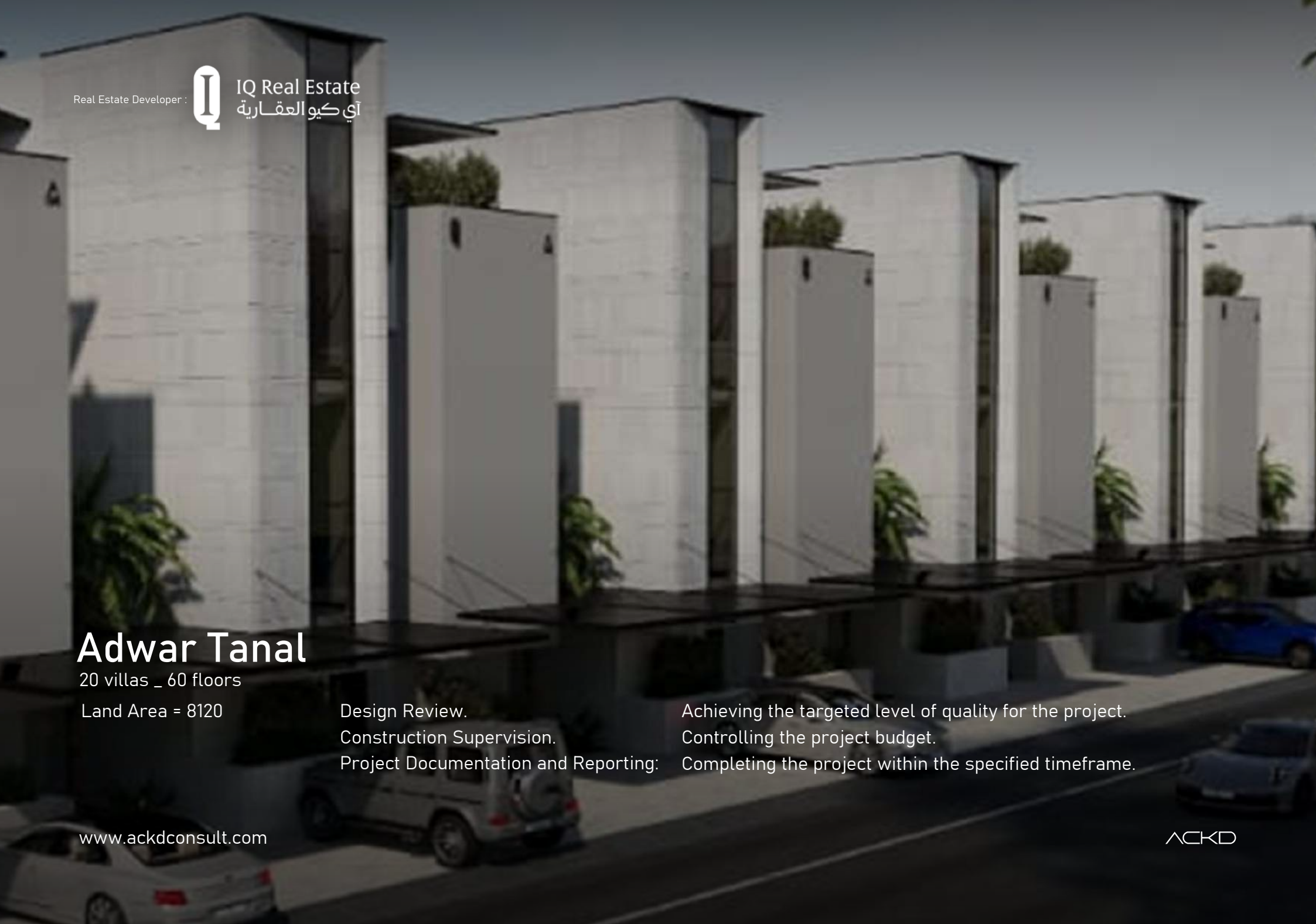
Location: Almohamdiah Destrict

Status: Finished

SOW: Supervision

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Real Estate Developer : IQ Real Estate آي كيو العقـارية

Adwar Tanal

20 villas _ 60 floors

Land Area = 8120

Design Review.
Construction Supervision.
Project Documentation and Reporting:

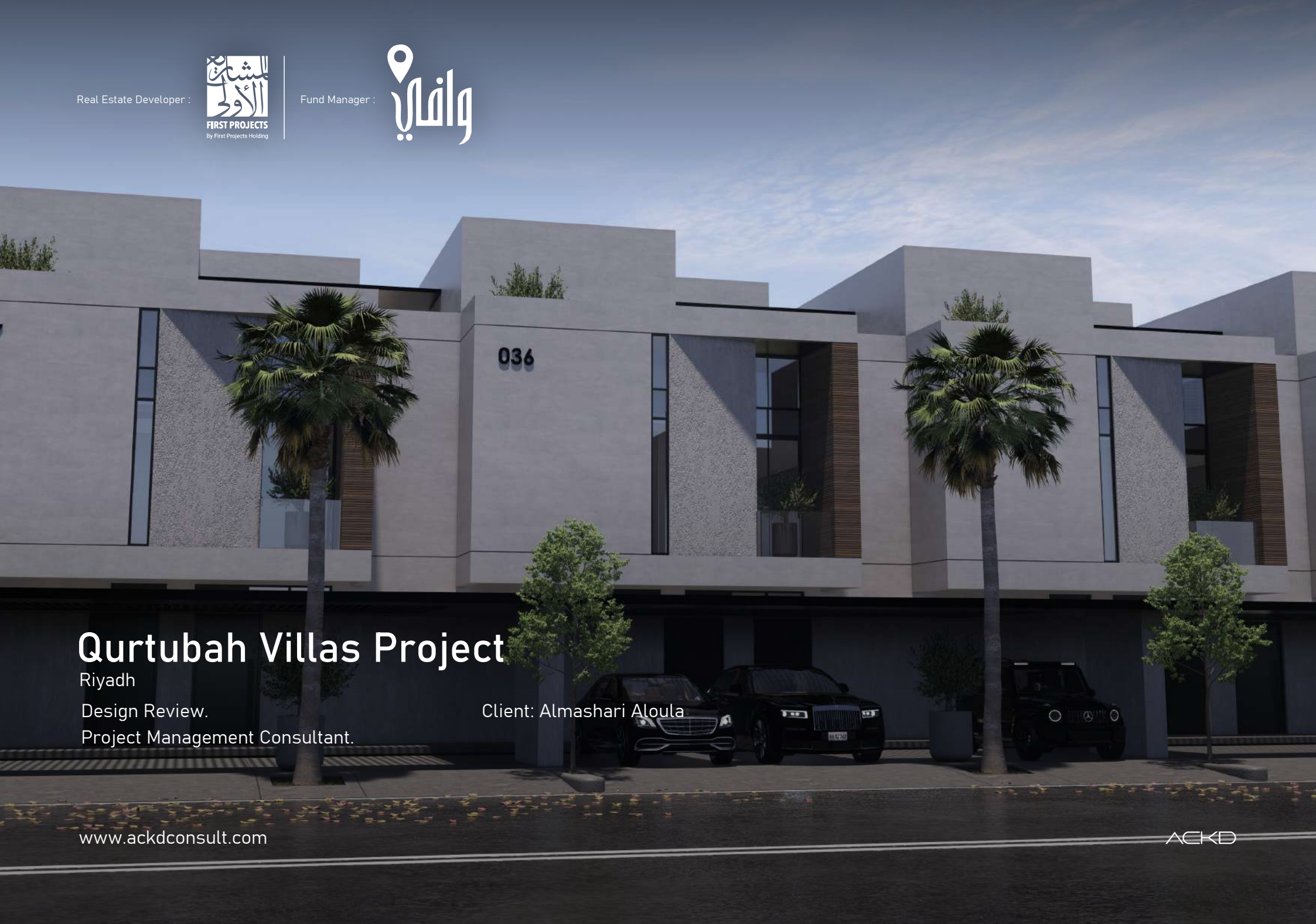
Achieving the targeted level of quality for the project.
Controlling the project budget.
Completing the project within the specified timeframe.

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Real Estate Developer : FIRST PROJECTS By First Projects Holding

Fund Manager : وافي



Qurtubah Villas Project

Riyadh

Design Review.

Project Management Consultant.

Client: Almashari Aloula

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ACKD



Project B1578 | Commercial Office Building

Riyadh

Design Review.

Project Management Consultant.

Client: Raven Real Estate

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ACKD

Real Estate Developer :

أجبال
AJBAL



Al-Ma'alem Park

Project Area: 28,000 sqm
Number of Floors: Basement + 4 Floors
Client: Ajbal 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.

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ACKD



Al-Zuhour Park

Project Area: 20,000 sqm
Number of Floors: Basement + 3 Floors
Client: Ajbal 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.

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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.

Design Review
Design Review of all fire safety systems.

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

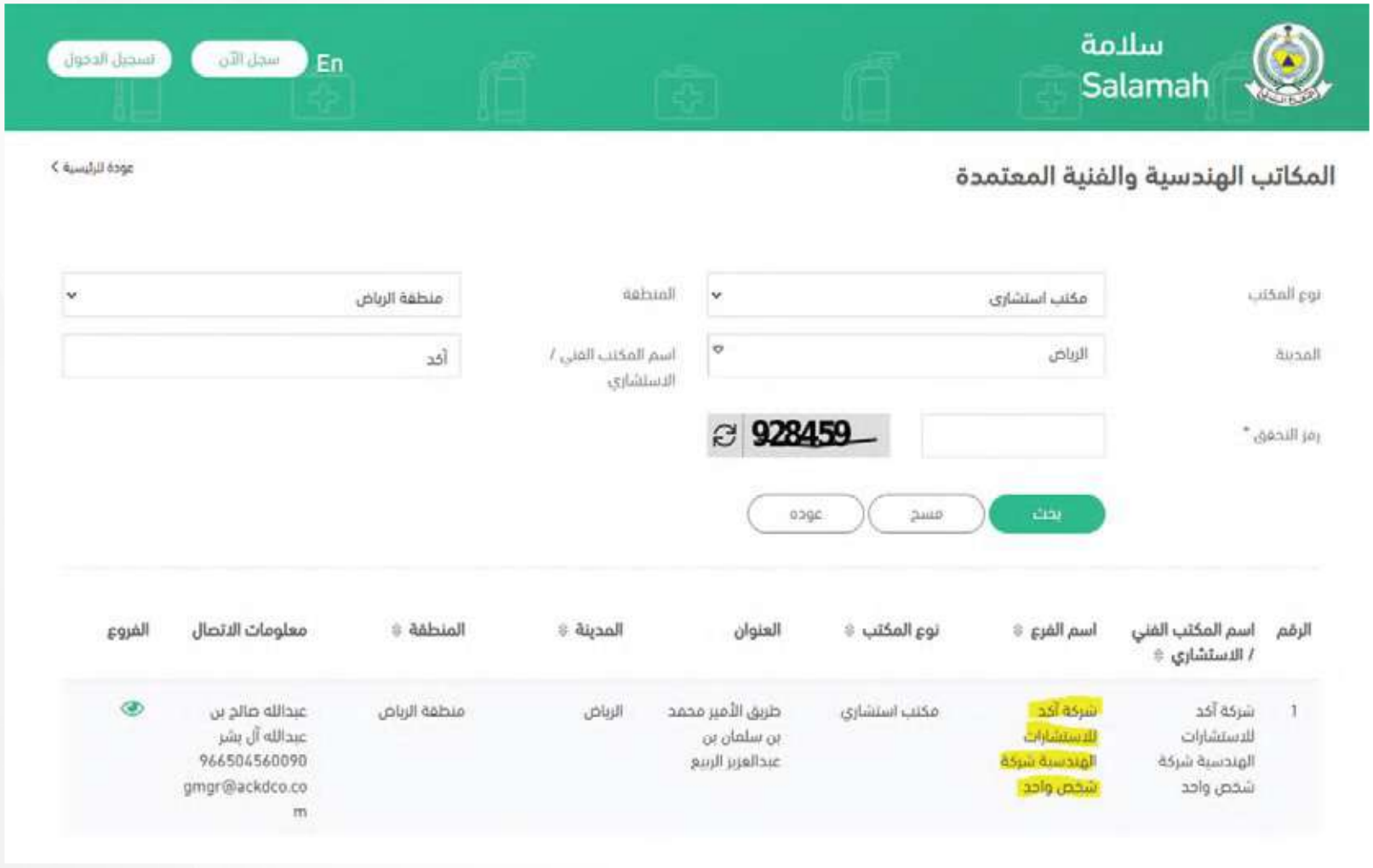
Hand over Projects to CD.
Hand over All project to AHJ with a release operation license

Fire Engineering Studies
Fire & Smoke Modelling
Evacuation Modelling.

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

Supervision
Supervision the installation of fire safety systems.

Approval Certificate Form Civil Defense



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

Qiddiya



ACKD© 2024

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.

NEOM نيوم

BEC
شركة بكين الإمارات
Beijing Emirates Company



ACKD© 2024

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.



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.

NEOM نيوم

BEC
شركة بكين الإمارات
Beijing Emirates Company



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.



ACKD© 2024

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.

AMAALA | The Red Sea Development Company

ARCHIRODON | ACC ARABIAN CONSTRUCTION CO.

Joint Venture



ACKD© 2024

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 .



ACKD© 2024

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.



ACKD© 2024

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.



Previous Projects

Riyadh Metro Project (Line 3 with ANM)

ACKD scope of work:

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



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.

Shapoorji Pallonji

KAFD
مركز الملك عبدالله المالي





ACKD© 2024

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.

Shapoorji Pallonji

KAFD
مركز الملك عبدالله المالي



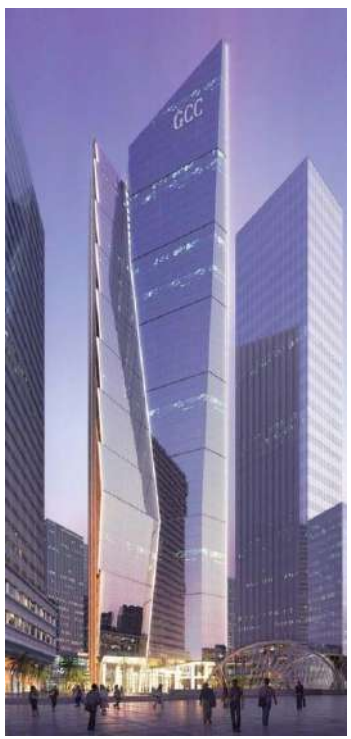


Previous Projects

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.





ACKD© 2024

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

AK
الخزامى
AL KHOZAMA



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

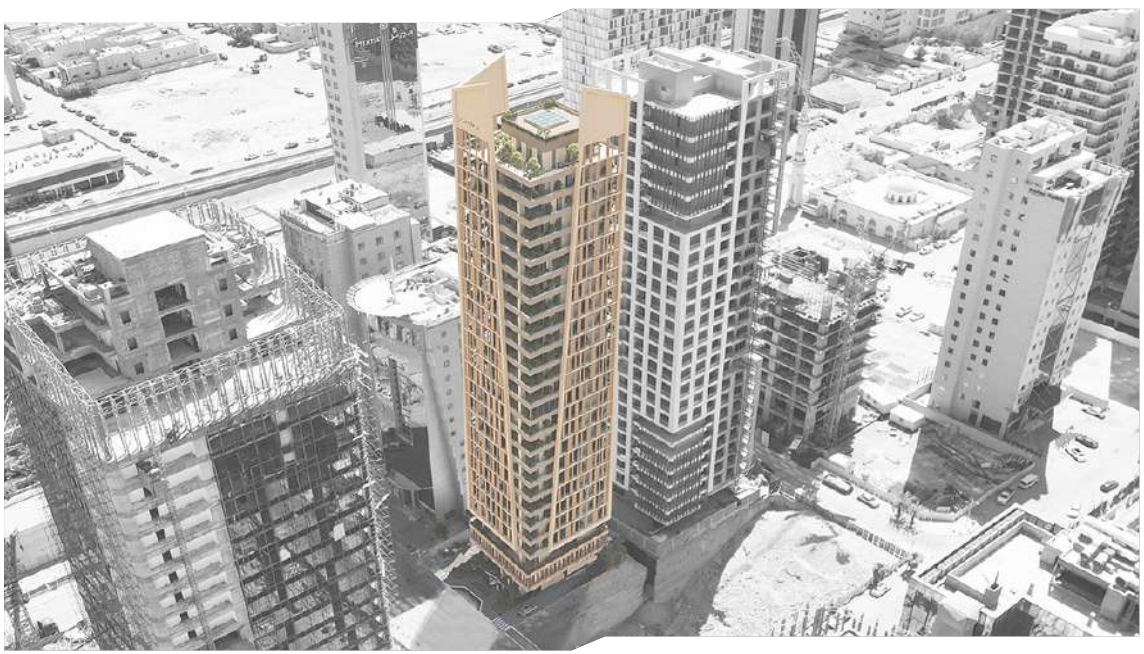
TRAFFIC IMPACT STUDY

Free-Flow Speed	Criteria	LOS A	B	C	D	E
100 Km/h	Maximum density (pc/km/ln)	7	11	16	22	25
	Average speed (km/h)	100	100	98.4	91.5	88
	Maximum Volume to Capacity ratio (v/c)	0.32	0.50	0.72	0.92	1.00
	Maximum service flow rate (pc/h/ln)	700	1100	1575	2015	2200
90 Km/h	Maximum density (pc/km/ln)	7	11	16	22	26
	Average speed (km/h)	90	90	89.8	84.7	80.8
	Maximum Volume to Capacity ratio (v/c)	0.30	0.47	0.68	0.89	1.00
	Maximum service flow rate (pc/h/ln)	630	993	1435	1860	2100
80 Km/h	Maximum density (pc/km/ln)	7	11	16	22	27
	Average speed (km/h)	80	80	80	77.6	74.1
	Maximum Volume to Capacity ratio (v/c)	0.28	0.44	0.64	0.85	1.00
	Maximum service flow rate (pc/h/ln)	560	880	1280	1705	2000
70 Km/h	Maximum density (pc/km/ln)	7	11	16	22	28
	Average speed (km/h)	70	70	70	69.6	67.9
	Maximum Volume to Capacity ratio (v/c)	0.26	0.41	0.59	0.81	1.00
	Maximum service flow rate (pc/h/ln)	490	770	1120	1530	1900



مستويات الخدمة (LOS)	A	B	C	D	E	F
زمن التأخير (ثانية/مركبة)	10=>	20- 10<	35-20<	55-35<	80-55<	80<

المصدر: دليل سعة الطرق الأمريكية (سنة 2010)



Project W, Al Ula

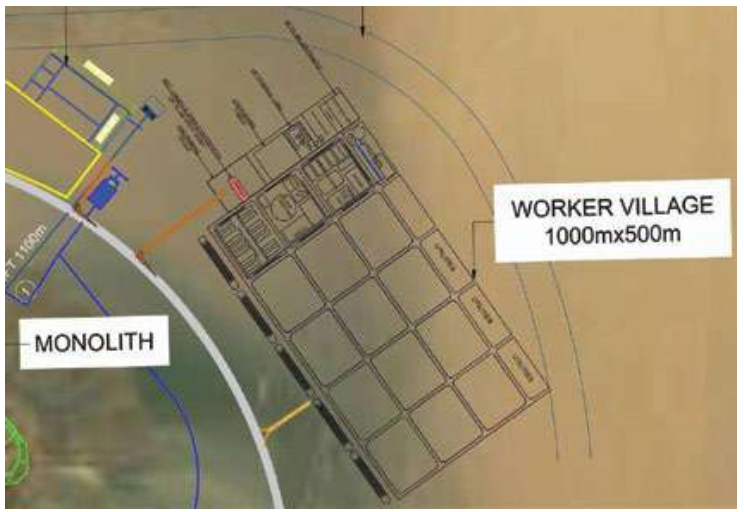
Worker Village

Components:

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

Land Area: 73343 m^2
Total BUA: 12300 m^2

Area Of Expertise:
Utilities, Development of the Concept Design



Contracting & Construction Enterprises



ARAMCO GARDEN PROJECT

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)

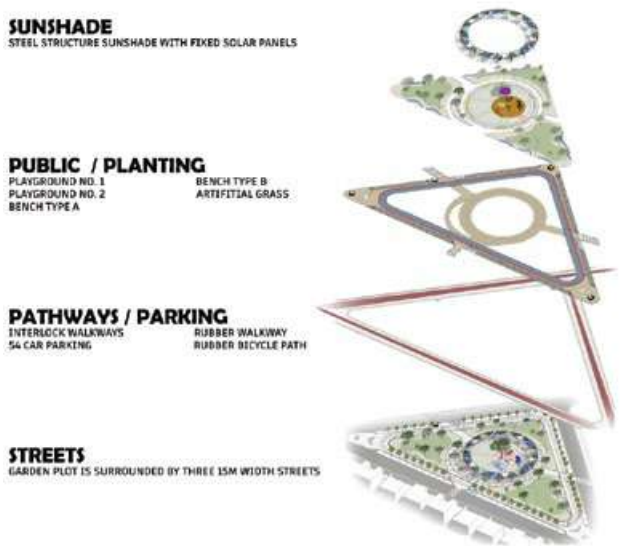
Concept design

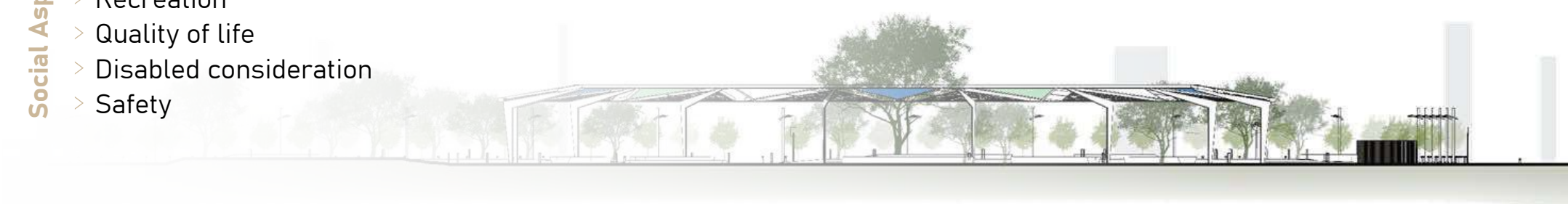
ACKD works include in ARAMCO Garden Design Principals Environmental aspect :

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

Social Aspect

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



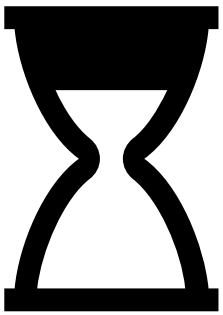


08

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



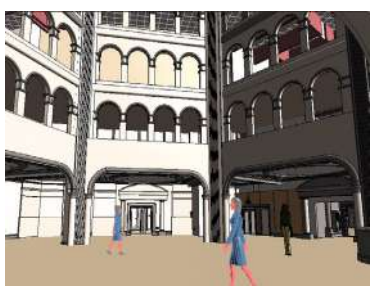
Drones

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

CONTACT INFO

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Phone +966 56 666 0960
011 2167333

Riyadh, Saudi Arabia
Prince Mohammed Ibn Salman Ibn Abdulaziz Rd
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ACKD
Assuring Codes & Keen Design