Abdullah Mashary Al-Hussaini
Engineering Consulting Company

Company Profile

We engineer ideas.
We create impact.

Engineering solutions to high standards

2026 amheco.sa



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Engineering Consulting Company

From first idea to handover: architectural and interior design, structural, electrical and mechanical engineering, supervision and permits, with one team based in Al Khobar.

A Saudi engineering consultancy based in Al Khobar, providing architectural and interior design, structural, electrical and mechanical engineering, site supervision and permits.

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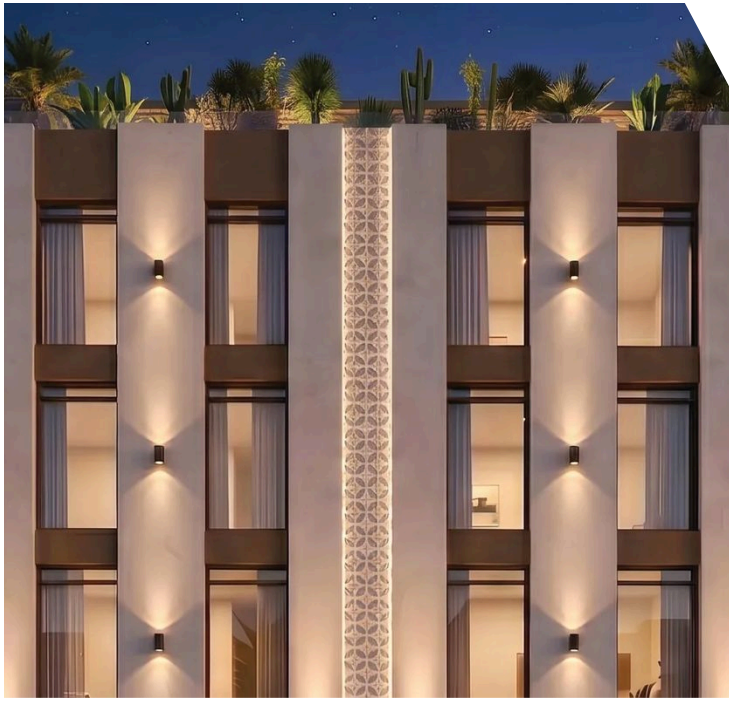
Our story

Integrated engineering consultancy from the heart of the Eastern Province

From the heart of Saudi Arabia's Eastern Province, we provide integrated engineering consultancy that brings together architectural vision, structural precision and engineering expertise to transform ideas into thoughtful, well-integrated projects.

We bring together architectural design, structural engineering and engineering supervision within one integrated approach, ensuring consistency from concept through execution while balancing aesthetics, efficiency and attention to detail.

With experience spanning more than 250 projects and engineering assignments, we continue to develop solutions that respond to our clients' needs and create meaningful value for every project.



A multidisciplinary engineering team working to high standards

We are a team of highly skilled, experienced professionals with specialist expertise across the engineering disciplines. We keep up with the latest industry trends and regulations to deliver advanced solutions to complex engineering challenges.

- Exterior architectural and interior design
- Engineering supervision on site
- Government permits and approvals
- Structural, electrical and mechanical engineering
- Quantity surveying and drawing reviews
- One team from idea to handover

Our mission

Precise, reliable engineering solutions

We transform our clients' ideas into well-planned projects through the integration of architectural design, structural engineering and engineering supervision, with a commitment to quality, precision and efficiency at every stage.

Our vision

A leading consultancy with a lasting impact

To be a leading engineering consultancy delivering integrated solutions that create lasting value and a meaningful impact on the built environment.

Our values

Values behind every project

Precision

We care about the detail in every drawing and calculation, because a small error on paper is costly on site.

01

Reliability

We keep our commitments and explain every step and decision to our clients.

02

High quality

We work to high standards in design and delivery, for results that last.

03

Leadership

Engineering experience at the helm



Eng. Abdullah Mashary Al-Hussaini

Founder and CEO

- BSc Civil Engineering, Prince Mohammad Bin Fahd University
- Classified as a Professional Engineer by the Saudi Council of Engineers
- More than 10 years of experience in the engineering sector
- Experience in engineering design, supervision and project management

In figures

Figures that reflect our journey

250+
Projects and engineering assignments

50+
Clients

100%
Client satisfaction

68+
Buildings under our management

500,000+
Square metres of built-up area

70,000,000+
Saudi riyals in project value

Where we work

Our projects span the Kingdom

From our office in Al Khobar, we work on projects across the Eastern Province and in Riyadh, Jeddah, Madinah and beyond.

Eastern Province

- Al Khobar
- Dammam
- Dhahran
- Qatif
- Al Ahsa
- Hafar Al Batin

Riyadh Region

- Riyadh

Makkah Region

- Jeddah

Madinah Region

- Madinah



Our services

Integrated engineering services

Design, engineering, supervision and permits: everything your project needs from idea to handover.

01

Exterior architectural design

Architectural designs for façades, massing and plans that balance appearance, function and regulations.

02

Interior design

Practical, elegant interiors for homes, majlis, cafés and commercial spaces.

03

Landscape design

Courtyards, gardens, pools and outdoor seating designed to suit the building and the climate.

04

Structural engineering

Safe, efficient structural systems and foundations designed to the Saudi Building Code.

05

Electrical engineering

Power, lighting and low-current systems designed for safety and efficient consumption.

06

Mechanical engineering

Air conditioning, ventilation, water supply and drainage designed for the Saudi climate.

07

Engineering supervision and project management

On-site supervision to make sure the work matches the drawings, specifications and required quality.

08

Off-plan sales and real estate contributions consultant

An engineering consultant qualified by the Real Estate General Authority for off-plan sales (Wafi) and real estate contribution projects.

09

Quantity surveying

Accurate bills of quantities to estimate cost and compare contractor quotations.

10

Drawings review

Checking drawings before construction to catch errors and clashes that cost money on site.

11

Government permits

Preparing documents and following up building permits and approvals with the authorities.

01

Exterior architectural design

Architectural designs for façades, massing and plans that balance appearance, function and regulations.

We turn your needs and ideas into a complete architectural design, starting from the site and its building regulations and ending with plans and façades ready for permits and construction.

We pay attention to space planning, daylight and natural ventilation, and to the character of the façade and its materials, within your budget and with buildability in mind.

What the service covers

- Site analysis and building regulations
- Concept design with layout options
- Façade design and finishing materials
- Architectural construction drawings
- 3D visualisations of the project

What you receive

- Architectural drawings
- 3D visualisations
- Finishes schedule

How we deliver

1. Brief
2. Concept
3. Development
4. Construction drawings

02

Interior design

Practical, elegant interiors for homes, majlis, cafés and commercial spaces.

We design interiors that reflect your taste and the way you use a space, from living rooms, majlis and bedrooms to cafés and commercial spaces.

The design covers furniture layout, lighting, ceilings, flooring, colours and materials, with 3D visualisations that let you see the result before work begins.

What the service covers

- Space planning and furniture layout
- Lighting and ceiling design
- Materials and colour selection
- Realistic 3D visualisations
- Construction drawings for contractors

What you receive

- 3D visualisations
- Construction drawings
- Materials schedule

How we deliver

1. Survey
2. Mood and concept
3. 3D design
4. Construction drawings

03

Landscape design

Courtyards, gardens, pools and outdoor seating designed to suit the building and the climate.

We design outdoor spaces as an extension of the building: courtyards, gardens, pools, seating, pergolas and walkways, laid out for the way you use the place.

Plants, materials and outdoor lighting are chosen for the Saudi climate and easy upkeep, with 3D visualisations and a site plan ready to build.

What the service covers

- Courtyard and garden design
- Pools, outdoor seating and pergolas
- Plants chosen for the climate
- Outdoor lighting and walkways
- 3D visualisations

What you receive

- Site plan
- 3D visualisations
- Planting and materials schedules

How we deliver

1. Survey
2. Concept
3. 3D design
4. Construction drawings

04

Structural engineering

Safe, efficient structural systems and foundations designed to the Saudi Building Code.

We design a building's structure from foundations to roof, with precise calculations that ensure safety while keeping concrete and steel quantities economical.

The design is based on the soil investigation report and the intended use, and is coordinated with the architectural and MEP drawings.

What the service covers

- Foundation design from the soil report
- Columns, beams and slabs design
- Documented structural calculations
- Coordination with architectural drawings

What you receive

- Structural drawings
- Calculation report

How we deliver

1. Inputs
2. System
3. Analysis
4. Drawings

05

Electrical engineering

Power, lighting and low-current systems designed for safety and efficient consumption.

We design a building's electrical systems, from load calculations and distribution boards to lighting, power outlets and low-current systems.

Safety and energy efficiency guide the design, which is coordinated with the architectural and mechanical work to avoid clashes on site.

What the service covers

- Load calculations and board schedules
- Lighting and power layouts
- Low-current systems
- Coordination with other disciplines

What you receive

- Electrical drawings
- Load schedules

How we deliver

1 Requirements — 2 Design — 3 Calculations — 4 Drawings

06

Mechanical engineering

Air conditioning, ventilation, water supply and drainage designed for the Saudi climate.

We design air conditioning and ventilation from the actual cooling load of each space, together with water supply and drainage networks.

We choose systems that keep occupants comfortable and running costs low, and coordinate their routes with the structure and the ceilings.

What the service covers

- Cooling load calculations
- HVAC and ventilation design
- Water supply and drainage networks
- Coordination with other disciplines

What you receive

- HVAC drawings
- Plumbing drawings

How we deliver

1 Building study — 2 Loads — 3 Systems — 4 Drawings

07

Engineering supervision and project management

On-site supervision to make sure the work matches the drawings, specifications and required quality.

We represent you on site throughout construction, checking the contractor's work against the approved drawings and technical specifications.

We inspect materials and work before approval, and record observations and progress in regular reports that give you a clear view of your project.

What the service covers

- Regular site visits
- Inspection of materials and work before approval
- Regular progress and observation reports
- Review of contractor payment claims

What you receive

- Site visit reports
- Inspection records

How we deliver

1. Drawing review
2. Supervision plan
3. Site follow-up
4. Handover

08

Off-plan sales and real estate contributions consultant

An engineering consultant qualified by the Real Estate General Authority for off-plan sales (Wafi) and real estate contribution projects.

Off-plan sales and real estate contribution projects must appoint an engineering consultant qualified by the Real Estate General Authority to follow construction and record its progress. We hold that qualification for both, and act as consultant on residential and commercial projects under construction.

We follow the contractor's work on site against the approved drawings, and issue regular progress reports that the developer and the authorities rely on.

What the service covers

- Engineering consultant qualification from REGA
- Supervision against the approved drawings
- Regular progress reports
- Following the Wafi programme's requirements

What you receive

- Progress reports
- Site visit reports

How we deliver

1. Project review
2. Supervision plan
3. Follow-up and reports
4. Close-out

09

Quantity surveying

Accurate bills of quantities to estimate cost and compare contractor quotations.

We take off quantities accurately from the drawings and prepare detailed bills of quantities for every item of the project.

A bill of quantities helps you set a budget, tender the project to contractors on clear terms, and compare their offers like for like.

What the service covers

- Quantity take-off from drawings
- Detailed bills of quantities
- Preliminary cost estimates
- Comparison of contractor offers

What you receive

- Bills of quantities
- Comparison report

How we deliver

1 Drawings — 2 Take-off — 3 Bills — 4 Review

10

Drawings review

Checking drawings before construction to catch errors and clashes that cost money on site.

We review architectural, structural and MEP drawings prepared by others, checking that they are complete, consistent with each other and compliant.

Our comments come in a clear report that sets out each issue and a proposed fix before it turns into demolition and rework on site.

What the service covers

- Completeness checks
- Clash detection between disciplines
- Compliance with regulations
- Report of issues and proposed fixes

What you receive

- Review report

How we deliver

1 Receive — 2 Review — 3 Coordinate — 4 Report

11

Government permits

Preparing documents and following up building permits and approvals with the authorities.

We take the paperwork off your hands: preparing drawings and documents to the authorities' requirements and following the application until the permit is issued.

We respond to the authorities' comments as they come and revise the drawings when needed, so construction can start without delay.

What the service covers

- Preparing the required drawings and documents
- Submitting and following applications
- Addressing authority comments
- Building, renovation and extension permits

What you receive

- Permit package
- Application follow-up

How we deliver

1. **Requirements**
2. **Package**
3. **Submission**
4. **Follow-up**

Our services

Integrated engineering services for every stage of your project

We cover design, engineering, supervision and permits, so you deal with one firm throughout.

+966 13 864 5666

info@amheco.sa

amheco.sa

How we work

Clear steps from idea to handover

We work in defined stages, so every decision on your project is clear and documented.

01

Understanding the brief

We listen to your requirements and study the site, budget and regulations.

02

Studies and concept design

We present considered options and develop the best one with you.

03

Detailed design and drawings

We coordinate architecture, structure and MEP into construction drawings.

04

Quantities and tender documents

We prepare quantities and documents that help you choose the right contractor.

05

Permits and approvals

We prepare the permit package and follow it with the authorities.

06

Supervision and handover

We follow construction on site through to final handover.

06

Accreditations

Accreditations and classifications

Engineering consultant qualification for off-plan sales projects

Issued by	Real Estate General Authority
Number	E0799
Valid until	29 April 2027

Construction permits supervision qualification

Scan to verify

Issued by	Balady
Number	CER-2608-343
Valid until	9 August 2027

Final engineering consultancy licence

Scan to verify

Issued by	Saudi Council of Engineers
Number	5100001872
Valid until	2 January 2027

ISO 9001:2015 quality management certificate

Issued by	AMERICO Quality Standards Registech Pvt. Ltd
Number	CR NO-7027893812

Engineering consultant qualification for real estate contribution projects

Issued by	Real Estate General Authority

Construction permits qualification

Issued by	Balady
Number	CER-2512-375

Partners

Partners we are proud of

شركة أمان الإعمار المحدودة
SECURE Construction Co. Ltd.

مؤسسة عبدالله الحسيني للعقارات
ABDULLAH ALHUSSAINI REAL ESTATE EST

Clients

Organisations that trust our expertise

المحمل العقارية
AL MAHMAL REAL ESTATE

أرامكو السعودية
saudi aramco

الصالحية
Salehiya

أملاك
amlak

AKTAR

رصيد للتطوير العقاري
REAL ESTATE DEVELOPMENT

O2PRO
FORMANCE
Innovative Care Products & More!

الحديد الوطني السعودي
SAUDI NATIONAL STEEL

Since 1975

Baker Hughes

البنك السعودي للاستثمار
The Saudi Investment Bank

مداد العقارية
Medad Real Estate

مساكن
MASAKEN

العضيب العقارية
AL-ODHAIB REAL ESTATE

السدرة العقارية
ALSIDARA Real Estate

WEST WAY
DEVELOPMENTS

BANDARIYAH
International

المزيني
ALMOZAINI

RAAS
REAL ESTATE

Since 1975

Alpha OMQ
Deep and beyond

Veloratique

Identity
BEAUTY — SALON

بخاري رشاز

علن
alan

Our projects

Work we are proud of

A selection of the design and engineering supervision projects our team has worked on across the Kingdom.

Engineering supervision and project management	06
Exterior architectural design	07
Interior design	12
Landscape design	01



Engineering supervision and project management

Al Qashla Towers

Three buildings: two towers of a basement, ground floor, 18 typical floors and a roof annex, and a shopping mall. The project is in the structural works stage.

Client
Al Mahmal Real Estate and Amlak Real Estate

Area
8,664 m²

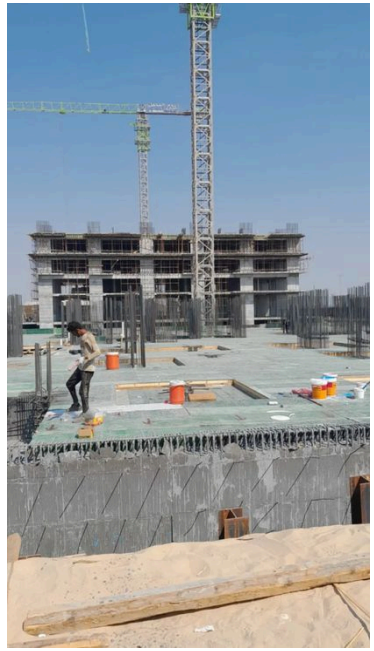
Status
Under construction

Scope of work
Supervision of the structural and finishing works, Off-plan sales consultant (Wafi)

Services
Engineering supervision and project management, Off-plan sales and real estate contributions consultant















Engineering supervision and project management

Siwar Al Hizam

Engineering supervision and off-plan sales consultancy for a residential project in the structural works stage.

Client
Al Mahmal Real Estate and Amlak Real Estate

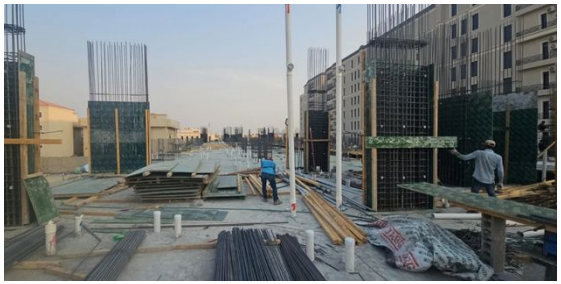
Area
7,678 m²

Status
Under construction

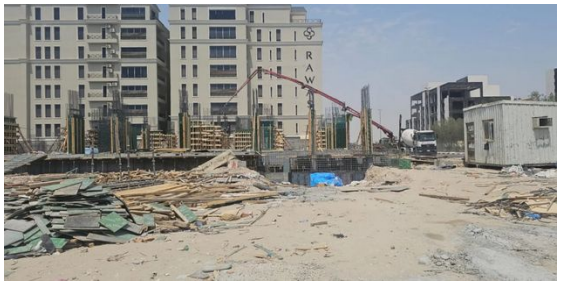
Scope of work
Supervision of the structural and finishing works, Off-plan sales consultant (Wafi)

Services
Engineering supervision and project management, Off-plan sales and real estate contributions consultant









Engineering supervision and project management

Icon Tower

Engineering supervision and off-plan sales consultancy for a residential tower in the structural works stage.

Client
Medad Real Estate

Area
1,750 m²

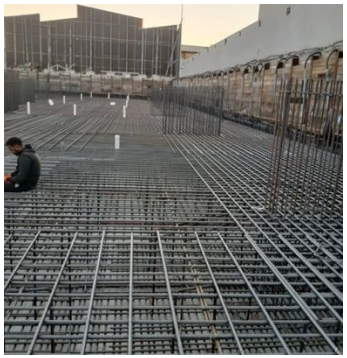
Status
Under construction

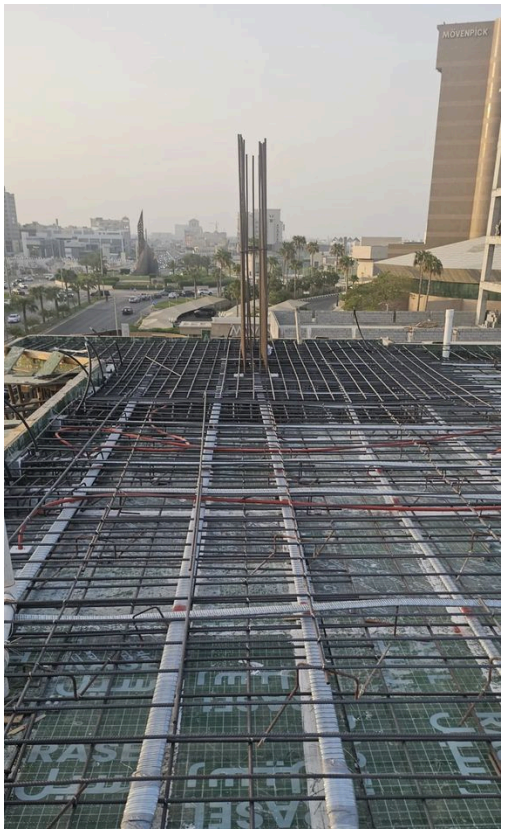
Scope of work
Supervision of the structural and finishing works, Off-plan sales consultant (Wafi)

Services
Engineering supervision and project management, Off-plan sales and real estate contributions consultant











Engineering supervision and project management

Elite Building

Engineering supervision and off-plan sales consultancy for a residential building in the final finishing stage.

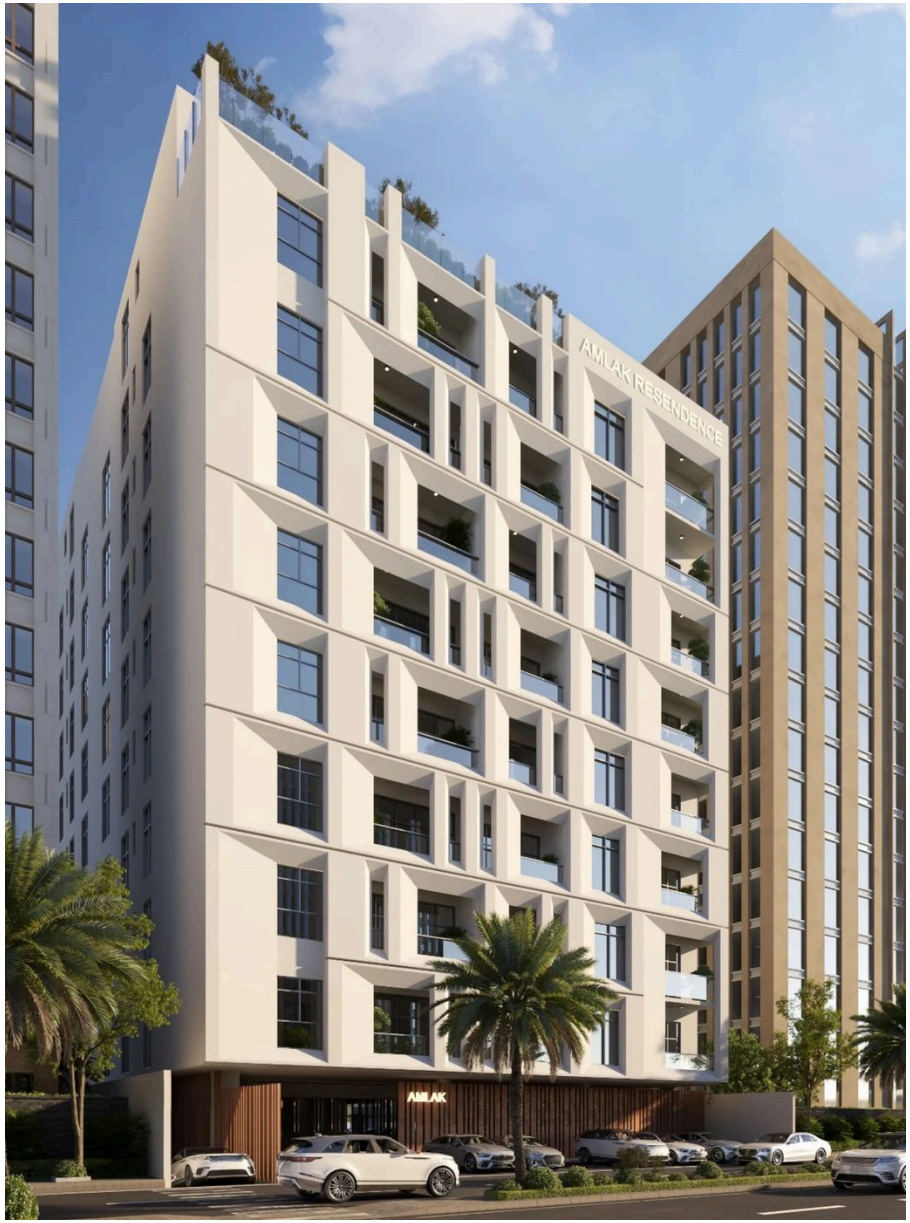
Client
Medad and Amlak Real Estate

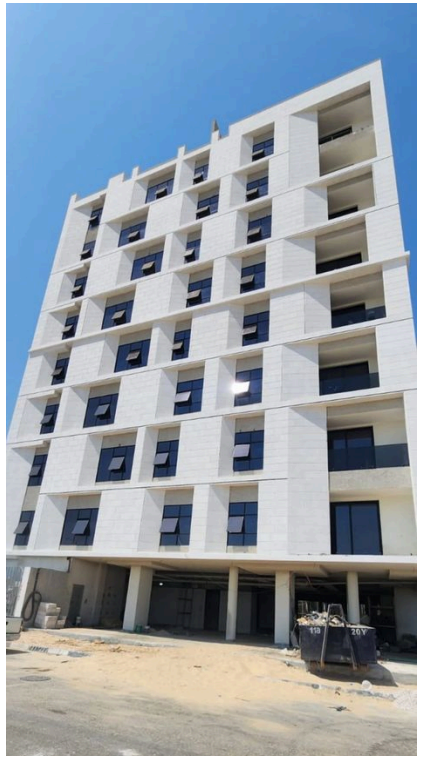
Area
1,374 m²

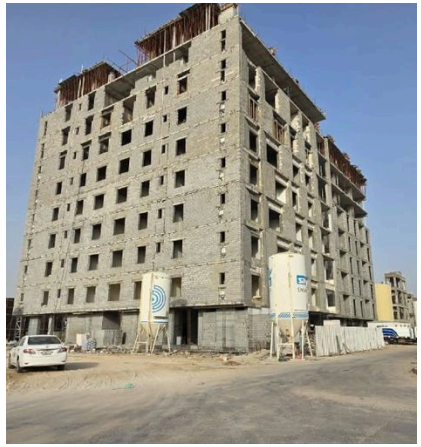
Status
Under construction

Scope of work
Supervision of the structural and finishing works, Off-plan sales consultant (Wafi)

Services
Engineering supervision and project management, Off-plan sales and real estate contributions consultant







Engineering supervision and project management

Al Jawhara 2 residential complex

Engineering supervision of an 8,782.93 m² residential complex, now in the final finishing stage.

Client
Al Mahmal Real Estate and Amlak Real Estate

Area
8,783 m²

Status
Under construction

Scope of work
Supervision of the structural and finishing works

Services
Engineering supervision and project management







Engineering supervision and project management

Supervision of residential villas

Engineering supervision of the structural works for a group of residential villas.

Status

Under construction

Scope of work

Supervision of the structural works

Services

Engineering supervision and project management









Exterior architectural design

Contemporary private villa in Al Khobar

Architectural design of a private villa's façades in stone and timber.

Location
Al Khobar

Area
1,200 m²

Images are 3D visualisations





Exterior architectural design

Neoclassical private villa in Al Khobar

Architectural design of a private villa's façades with arches and classical detailing.

Location
Al Khobar

Area
875 m²

Images are 3D visualisations





Exterior architectural design

Private residential building in Al Khobar

Architectural design of a four-storey residential building over parking.

Location
Al Khobar

Area
320 m²

Images are 3D visualisations



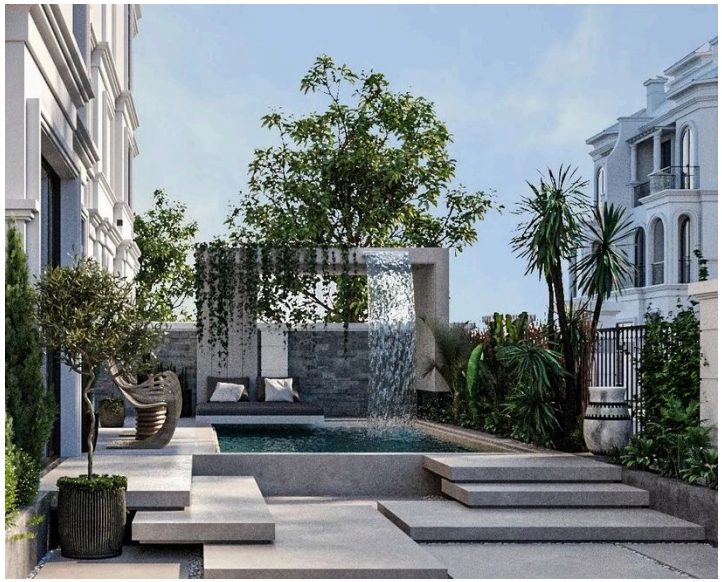


Exterior architectural design

Courtyard and pool design for a residential project

An outdoor courtyard for a residential project, with a pool, a water feature, seating and planting.

Images are 3D visualisations







Exterior architectural design

Commercial showrooms

Architectural designs for showroom buildings with varied façades, including drive-through kiosks.

Scope of work

Architectural and façade design

Services

Exterior architectural design













Images are 3D visualisations

Exterior architectural design

Factory in Dammam

Design of a 25,000 m² factory with an administration building, warehouses and a dispatch yard.

Location
Dammam

Area
25,000 m²

Scope of work
Architectural design

Services
Exterior architectural design









Images are 3D visualisations

Exterior architectural design

Classical villa façade design

Architectural design of a residential villa's classical façades, with its boundary walls and gates.

Scope of work

Architectural design of the façades

Services

Exterior architectural design







Images are 3D visualisations

Interior design

Interior design of a private villa in Al Khobar

A complete villa interior covering the entrance, the living rooms and the stair hall.

Location
Al Khobar

Area
1,000 m²

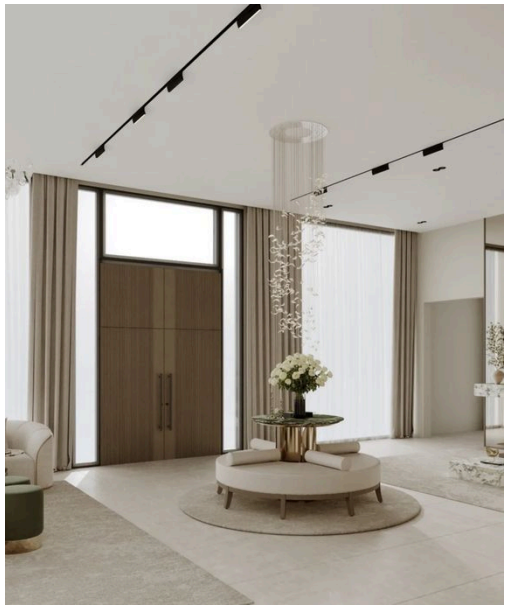
Scope of work
Interior design of the villa

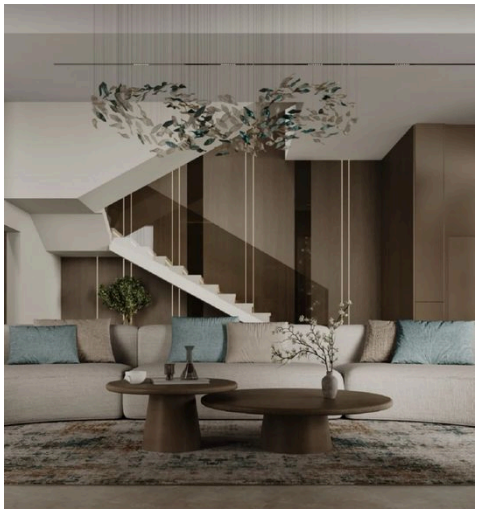
Services
Interior design

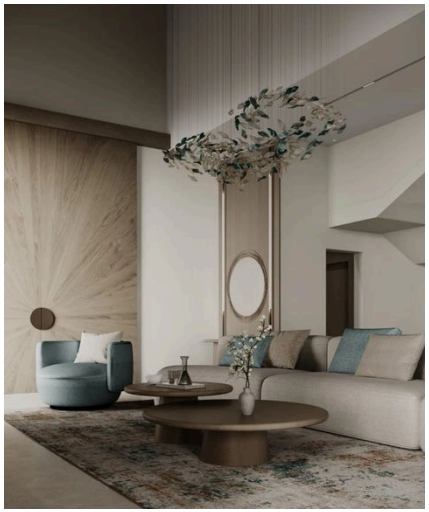














Images are 3D visualisations

Interior design

Pilates studio in Al Khobar

Interior design of a Pilates studio, covering the training hall and reception.

Location
Al Khobar

Area
320 m²

Scope of work
Interior design

Services
Interior design









Images are 3D visualisations

Interior design

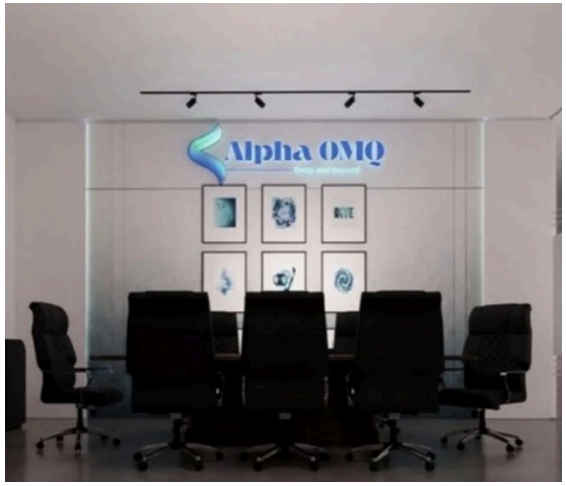
Diving club in Al Khobar

Interior design of a diving club, covering the training pool and the meeting room.

Location
Al Khobar

Area
1,000 m²





Images are 3D visualisations

Interior design

Villa living room interior in Al Khobar

Interior design of the living room in a private villa.

Location
Al Khobar







Images are 3D visualisations

Interior design

Beauty salon in Jeddah

Interior design of a salon, covering the reception and treatment areas.

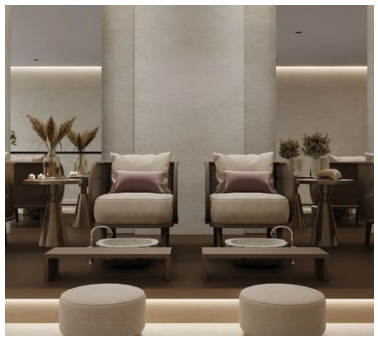
Location
Jeddah

Area
120 m²

Scope of work
Interior design

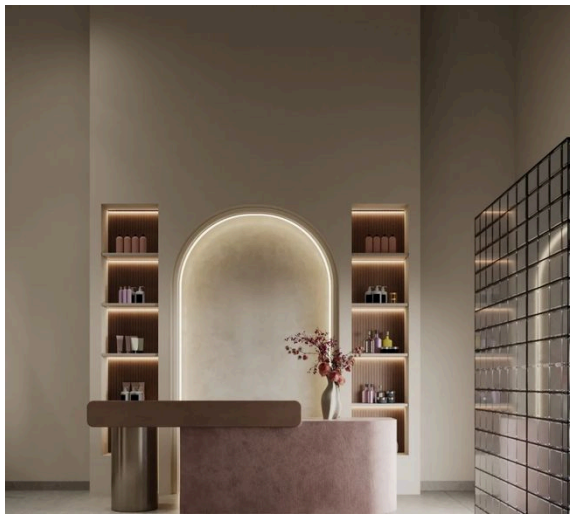
Services
Interior design











Images are 3D visualisations

Interior design

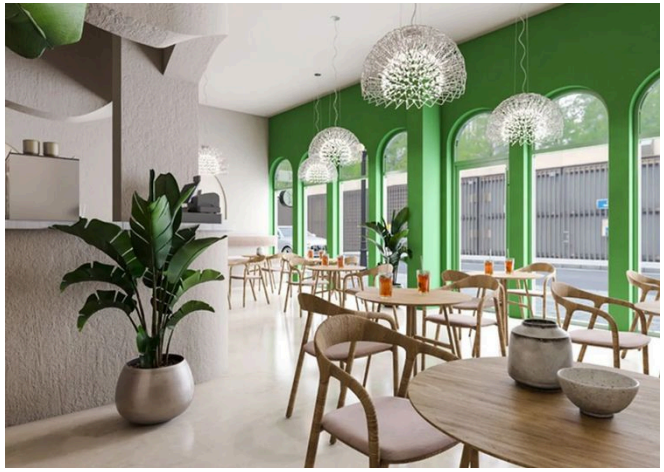
Café interior design in Al Khobar

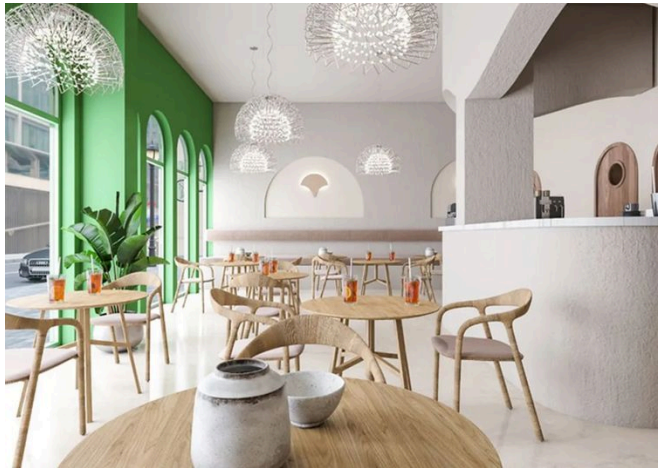
A complete café interior, covering the seating hall and the restrooms.

Location
Al Khobar

Scope of work
Café interior design, Restroom interior design

Services
Interior design











Images are 3D visualisations

Interior design

Villa living room interior in Dhahran

Interior design of the living room in a private villa.

Location

Dhahran

Images are 3D visualisations







Interior design

Villa living and dining interior in Al Khobar

Interior design of the living and dining rooms in a private villa.

Location

Al Khobar

Images are 3D visualisations





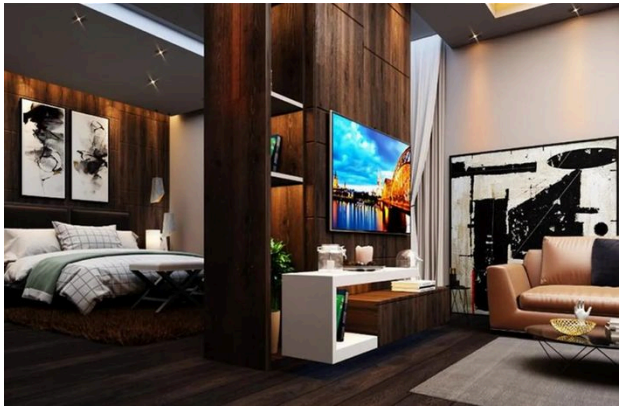


Interior design

Villa master bedroom interior in Jeddah

Interior design of the master bedroom in a private villa.

Location
Jeddah





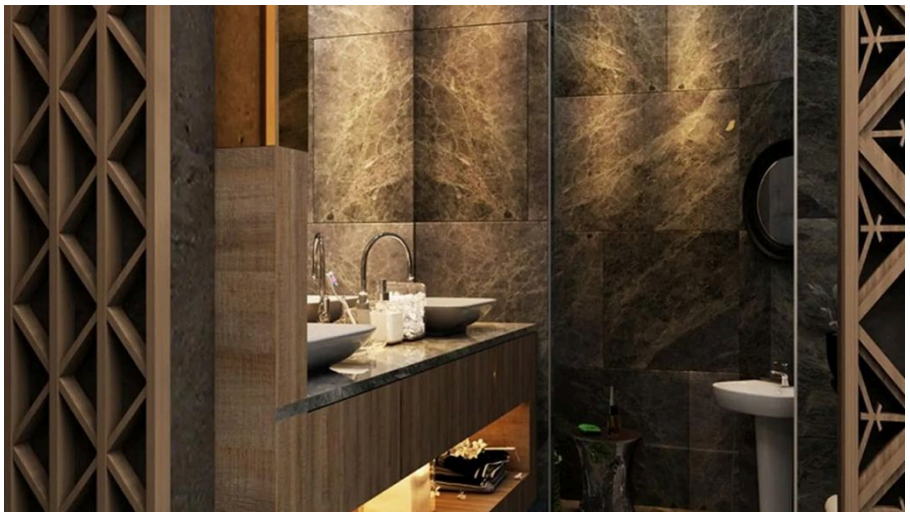
Images are 3D visualisations

Interior design

Villa bathroom interior in Jeddah

Interior design of a bathroom in a private villa.

Location
Jeddah







Images are 3D visualisations

Interior design

Contemporary living room interior

Interior design of the living room in a private villa.







Images are 3D visualisations

Interior design

Living room and hallway interior with a stone wall

Interior design of the living room and hallway in a private villa.





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Landscape design

Landscape design for a private villa in Al Khobar

Courtyards, a pool, outdoor seating, pergolas and walkways for a private villa.

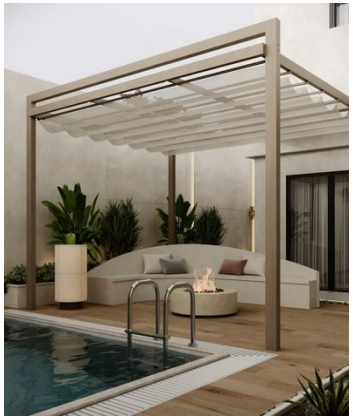
Location
Al Khobar

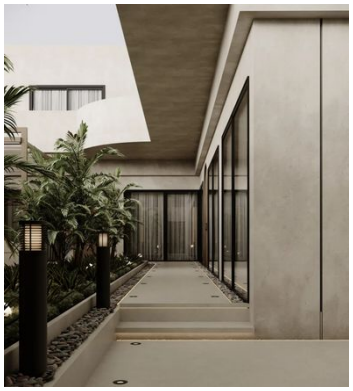
Area
560 m²

Scope of work
Landscape design

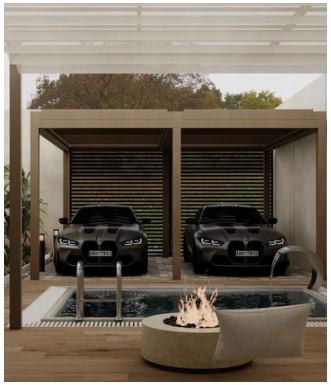
Services
Landscape design













Images are 3D visualisations

Contact us

Let us talk about your project

Send us a message and our team will get back to you shortly.

LinkedIn amhecoo

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Instagram @amheco_sa

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Contact us

Abdullah Mashary Al-Hussaini Engineering Consulting Company

Phone
+966 13 864 5666

WhatsApp
+966 54 977 2090

Email
info@amheco.sa

Website
amheco.sa

Address
4th Street, Al Khobar Al Janubiyah, Al Khobar, Saudi Arabia

Working hours
Saturday – Thursday
8:00 am – 12:00 pm
1:00 pm – 5:00 pm

Commercial registration
2051240085



Abdullah Mashary Al-Hussaini
Engineering Consulting Company

We engineer ideas. We create impact.

+966 13 864 5666 info@amheco.sa amheco.sa