
ABAAD
Redefining Possibilities

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ABOUT US

About US

Defining New Dimensions in Construction Excellence

At ABAAD, we don’t just build structures – we craft experiences that transcend time and space. Rooted in our name’s meaning, “Dimensions,” we engineer solutions that harmonize **precision**, **speed**, and **artistry**, delivering world-class civil construction, MEP systems, bespoke fit-outs, and immersive artwork installations for Saudi Arabia’s most visionary projects.

Why ABAAD?

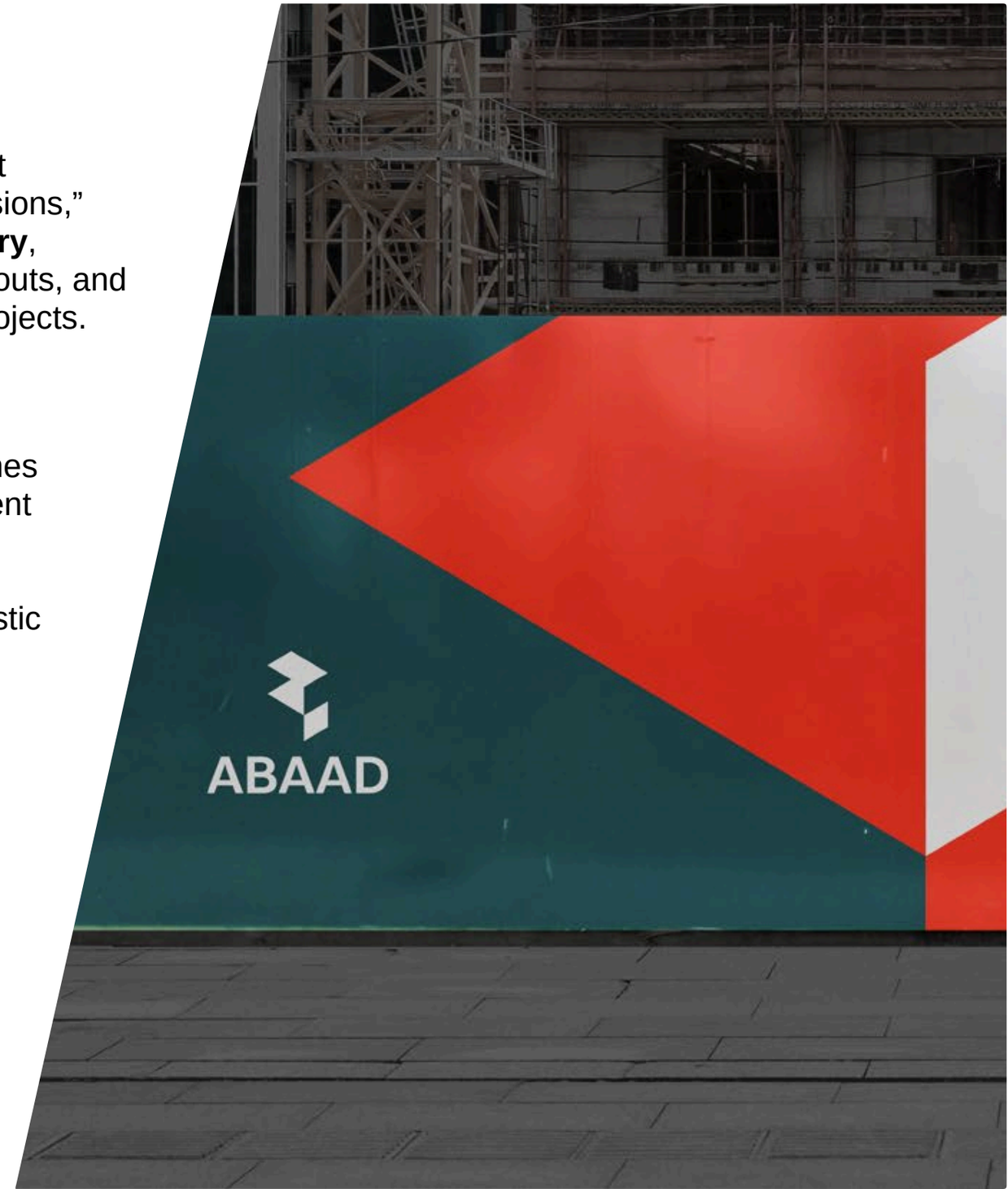
Speed Without Compromise: we specialize in accelerated timelines for high-impact projects, leveraging cutting-edge project management and a network of skilled artisans.

360° Expertise: From foundational civil engineering to the final artistic flourish, our multidisciplinary team ensures seamless integration of technical rigor and creative vision.

Saudi-Centric Innovation: We align with Vision 2030’s ambition, combining global standards with localized insights to tackle the Kingdom’s unique infrastructural and aesthetic demands.

Our Promise

In a region where progress moves at lightning speed, ABAAD redefines what’s possible. We don’t just meet deadlines – we anticipate them, turning complex blueprints into reality with unparalleled craftsmanship. Whether it’s a smart city’s backbone or a luxury fit-out’s finest detail, we build legacies that stand the test of time.



OUR PHILOSOPHY

“Dimensions of Success”

At ABAAD, we believe true progress lies in balancing three dimensions:

- **Time:** Mastering accelerated timelines through AI-driven planning and lean workflows.
- **Quality:** Treating every weld, circuit, and brushstroke as a testament to our craft.
- **Vision:** Aligning our work with Saudi Arabia’s transformative goals, from smart cities to cultural landmarks.

We don’t just construct buildings; we engineer ecosystems where form meets function, artistry meets engineering, and ambition meets execution. Our philosophy is simple: If it can be imagined, we can deliver it – faster.

Vision

"To Redefine the Dimensions of Progress – Setting Global Benchmarks for Speed, Craftsmanship, and Innovation in Saudi Arabia’s Built Environment."

Mission

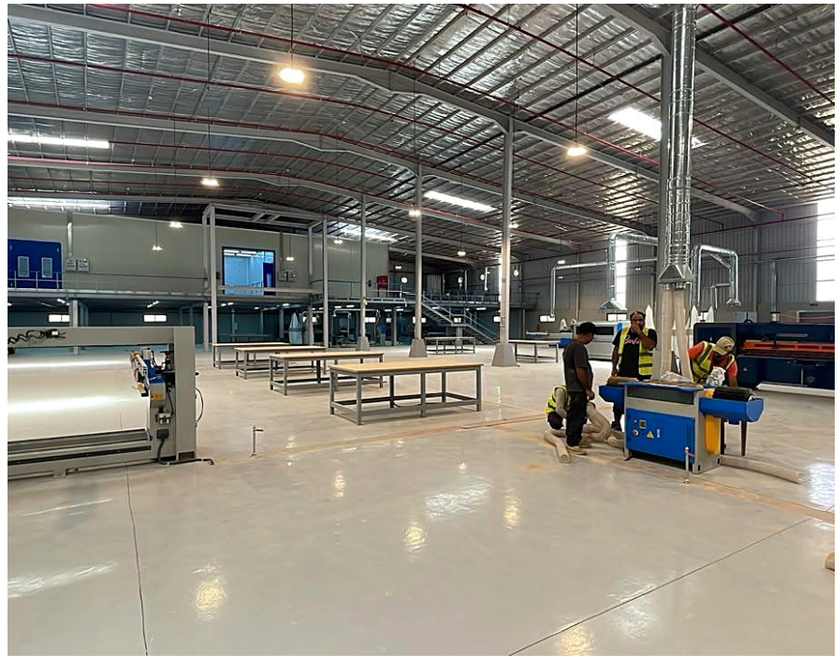
"To Deliver Exceptional Construction and Artistry at Unprecedented Speed, Merging Cutting-Edge Engineering with Artistic Vision. We Empower Saudi Arabia’s Boldest Dreams Through Precision, Collaboration, and Relentless Execution – Turning Complex Challenges into Timeless Legacies."

CORE SERVICES

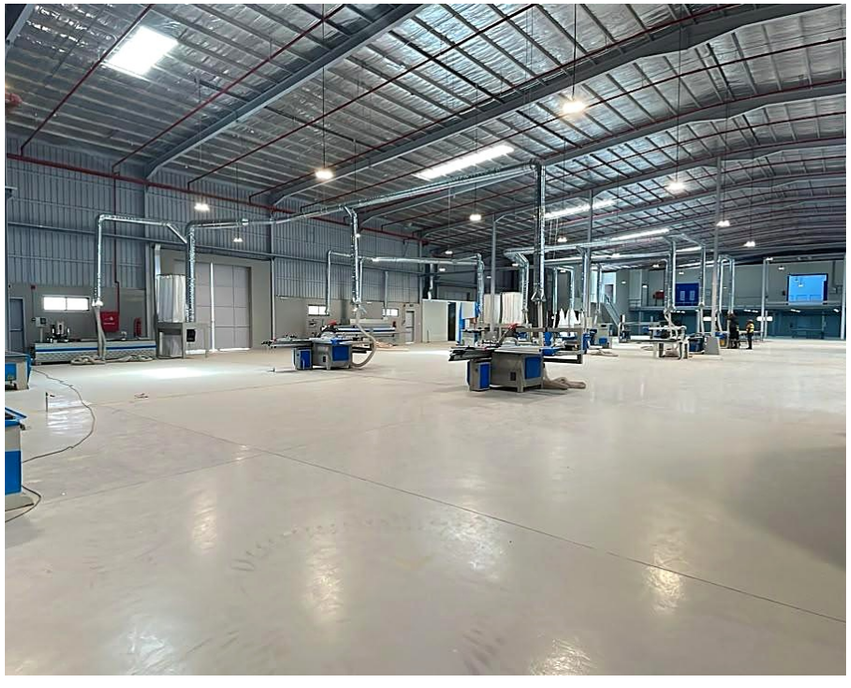
- **Turnkey Design & Build Projects**
- **Civil & Structural Works**
- **Interior Fit-Out & ART Works**
- **MEP Contracting (Mechanical, Electrical, and Plumbing)**
- **Infrastructure**
- **Architecture & Interior Design**

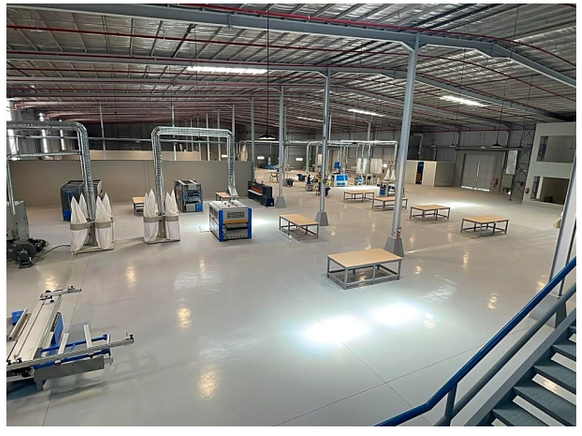


OUR FACTORY

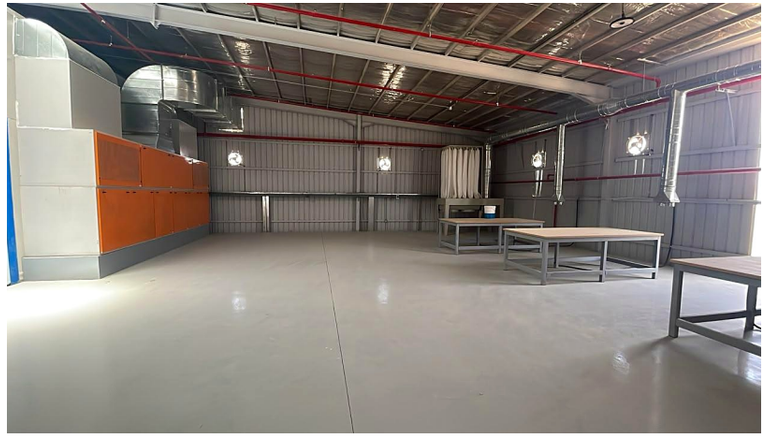






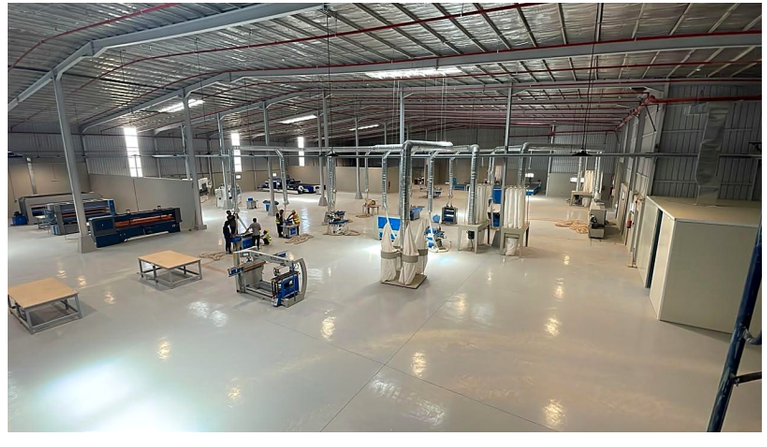








OUR PROJECTS

- **HOSPITALITY**
- **HEALTHCARE**
- **F&B, Retail and Commercial**
- **RESIDENTIAL**
- **MEP SERVICES**



HOSPITALITY



InterContinental Durrat Al Riyadh Hotel

Project Overview

Client: IGH Group

Location: Durrat Al Riyadh, Saudi Arabia

Scope:

- Full Fit-Out & Architectural Finishes
- MEP Systems Integration
- Custom Artwork

Project Duration: 14 Months

Challenge

To deliver a 5-star luxury hotel experience that merges modern Arabian elegance with cutting-edge functionality, adhering to stringent international hospitality standards while accelerating the timeline to meet the developer's ambitious opening deadline.







ABAAD’s Solution

Bespoke Fit-Out & Architectural Detailing

Designed and executed 320+ guest rooms, suites, and public areas (lobby, restaurants, spa) with custom millwork, stone flooring, and handcrafted Arabic geometric motifs.
Integrated smart room automation systems seamlessly into interior finishes.

End-to-End MEP Mastery

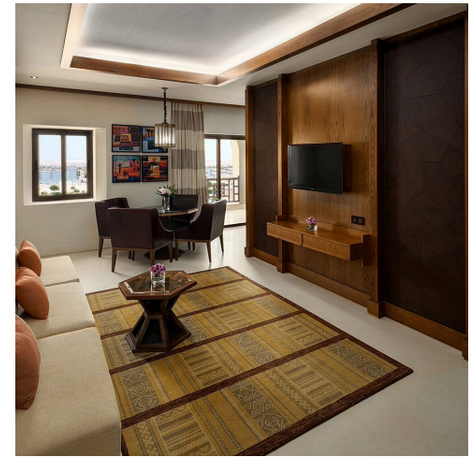
Installed energy-efficient HVAC systems tailored for Riyadh’s climate, reducing operational costs by 22%.
Engineered concealed lighting solutions and acoustic controls to enhance guest comfort without compromising design aesthetics.

Artistic Collaboration

Coordinated with local and international artists to install 15+ large-scale artworks, including a 12-meter lobby sculpture reflecting Saudi heritage.











HEALTHCARE



AMC HOSPITAL

Project Overview

Client: ANFAS ALRAHA

Location: Riyadh, Saudi Arabia

Scope:

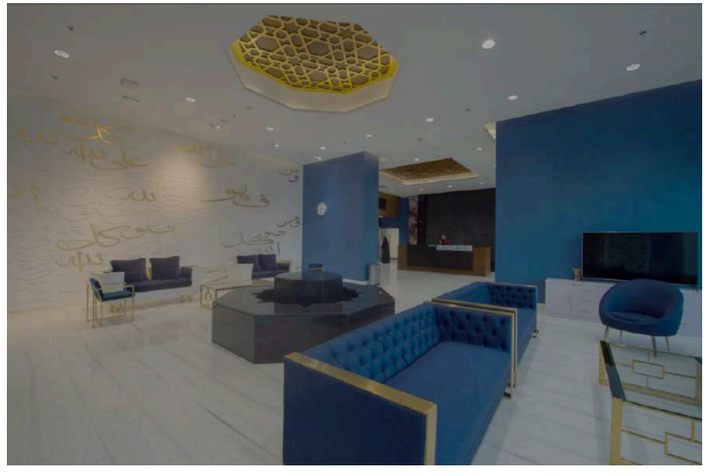
- Civil Construction
- Architectural Design & Build
- MEP systems for Healthcare Facilities

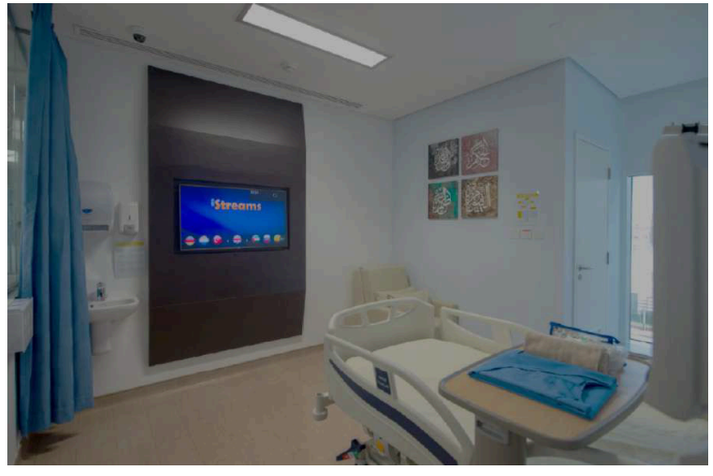
Project Duration: 22 Months



Challenge

To construct a 200-bed, state-of-the-art tertiary care hospital meeting Saudi MHRS (Ministry of Health Regulations and Standards) and international healthcare benchmarks, while ensuring rapid delivery to address Riyadh's growing demand for specialized medical services.





ABAAD’s Solution

Civil Engineering Excellence

Executed deep foundation work to stabilize the structure for heavy medical equipment (MRI, CT scanners).
Built earthquake-resistant frameworks and modular utility tunnels for future expansion.

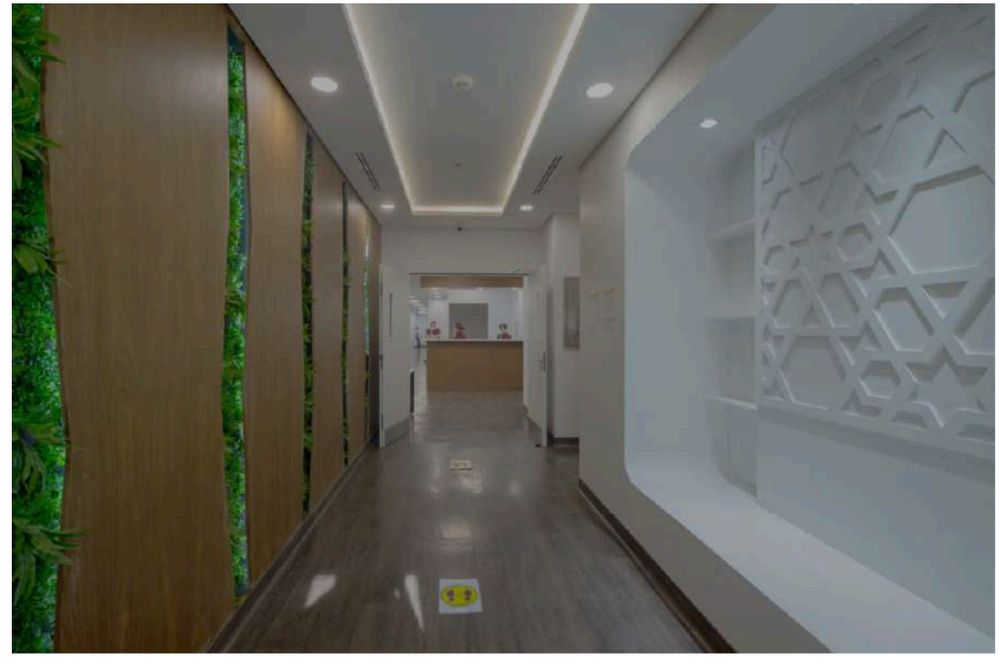
Healthcare-Optimized Architecture

Designed patient-centric layouts with 120+ ICU/NICU units, isolation wards, and hybrid operating theaters.
Installed antimicrobial surfaces, noise-reducing partitions, and trauma-resilient finishes.

Mission-Critical MEP Systems

Engineered 24/7 redundant HVAC with HEPA filtration for infection control.
Installed medical gas pipelines (oxygen, vacuum) with automated monitoring and backup power systems.
Integrated smart building automation for lighting, temperature, and emergency response.





AMC HOSPITAL EXTENSION

ONGOING PROJECT

Project Overview

Client: ANFAS ALRAHA

Location: Riyadh, Saudi Arabia

Scope:

- Civil & Structural Works (Concrete Skeleton)
- Architectural Design & Build
- MEP Systems for Healthcare Facilities

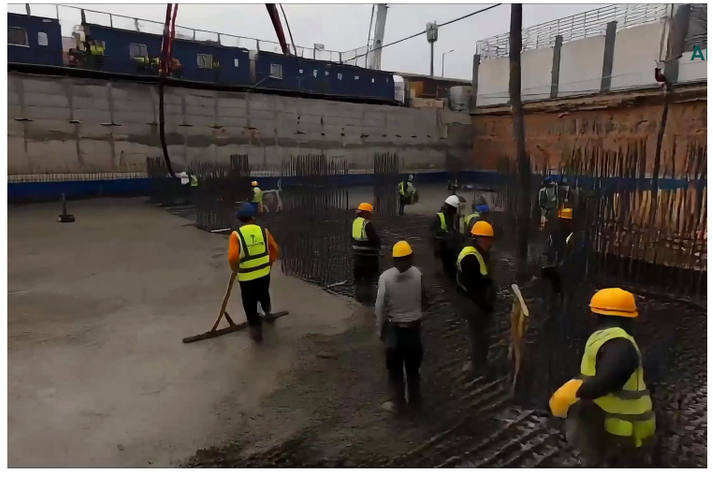
Status: Under Construction - Concrete Structure Phase

Challenge

Following the successful delivery of AMC Hospital, ABAAD was entrusted with its extension - expanding the completed facility with a new structure to meet the growing demand for specialized medical services in Riyadh. The works are executed adjacent to a fully operational hospital, requiring strict logistics, safety and dust-control measures while maintaining an accelerated construction programme.







ABAAD's Progress On Site

Structural Works in Progress

Executing the reinforced concrete skeleton - foundations, columns, core walls and post-tensioned slabs - with tower-crane supported cycles to maintain rapid floor-to-floor progression.



Quality & Reinforcement Control

Rebar fixing, formwork and concrete pours are inspected against hospital-grade structural specifications, with continuous supervision and material testing at every stage.

Working Beside a Live Hospital

Site logistics, access and safety barriers are planned around the operational AMC Hospital - protecting patients, staff and visitors while keeping the extension on schedule.





ASHAR MEDICAL CENTER

Project Overview

Client: MOH

Location: ALULA, Saudi Arabia

Scope:

- Civil Construction
- Architectural Design & Build
- MEP systems for Healthcare Facilities

Project Duration: 18 Months



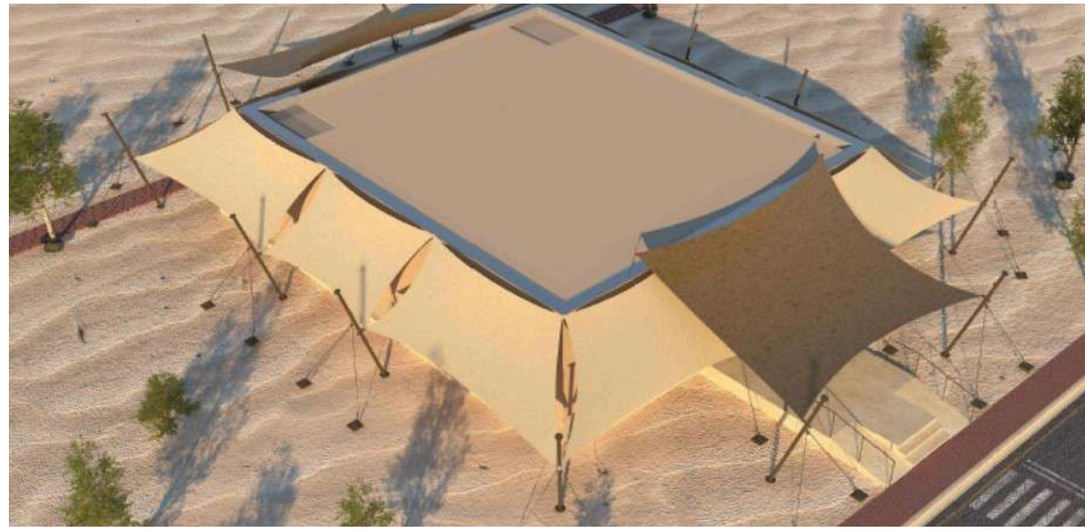
Challenge

To design and construct a cutting-edge outpatient and diagnostics center that combines advanced medical functionality with a calming, patient-first environment, adhering to Saudi MOH standards while accelerating delivery to meet urgent community healthcare needs.

ABAAD’s Solution

Civil & Structural Mastery

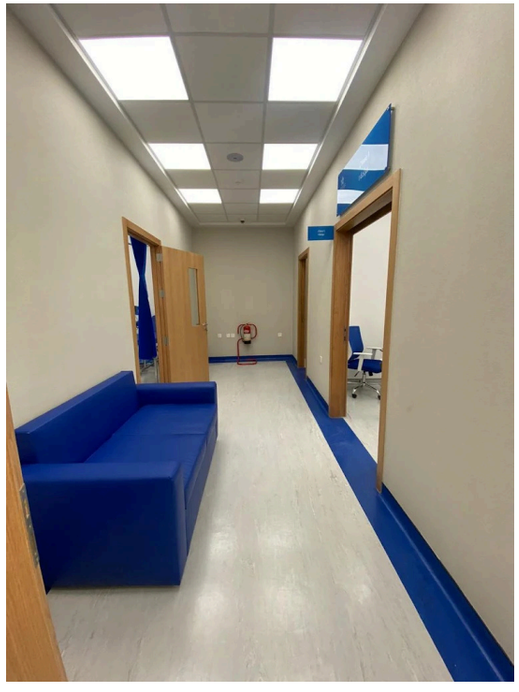
Engineered a vibration-resistant foundation to support sensitive imaging equipment (MRI, PET-CT).
Constructed modular clinic units for rapid scalability and future expansion.



Healing-Focused Architecture

Designed biophilic interiors with natural light optimization, soundproof consultation rooms, and ADA-compliant access.
Integrated therapeutic artwork (e.g., nature-inspired murals, kinetic installations) to reduce patient anxiety.





Healthcare-Specific MEP Systems

Deployed 100% redundant electrical systems with automatic transfer switches for uninterrupted power.
Installed specialized HVAC zones for labs, pharmacies, and radiology, maintaining ±1°C temperature control.
Implemented touchless plumbing and smart waste management systems for infection prevention.

ALULA Hospital - Hallway and Nurse Station

Project Overview

Client: Madinah Health Cluster

Location: ALULA, Saudi Arabia

Scope:

- Healthcare Fit- Out
- MEP Retrofitting
- Nurse Station Design & Build

Project Duration: 8 Months



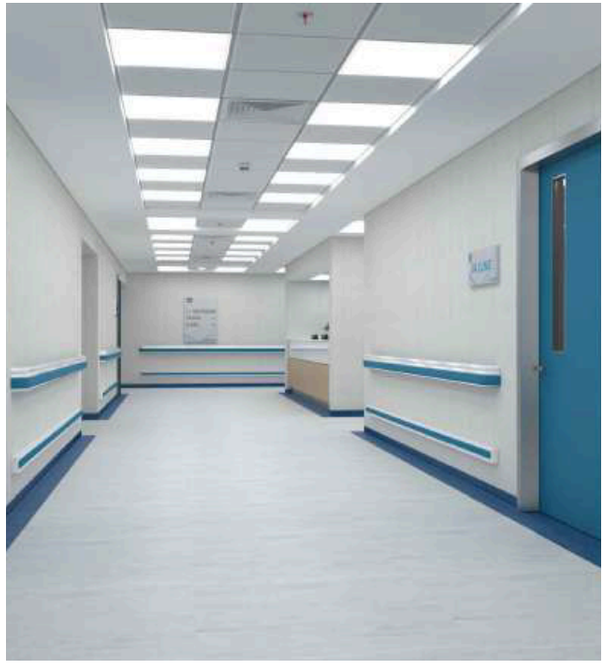
Challenge

To improve patient flow, staff efficiency, and infection control – all while minimizing disruption to ongoing hospital operations in a UNESCO heritage region requiring culturally sensitive design.

ABAAD’s Solution

Healing-Centric Hallway Design

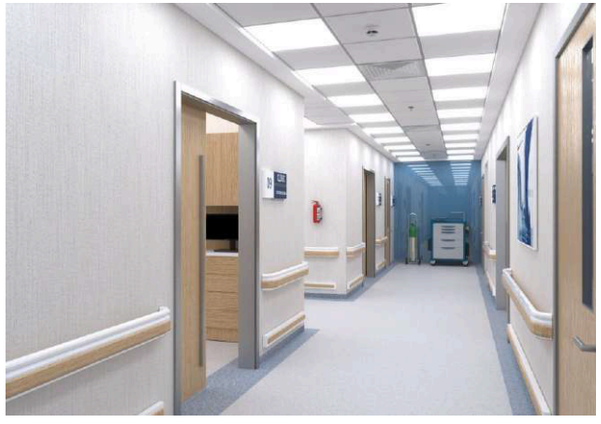
Installed antimicrobial wall cladding and seamless, slip-resistant flooring for high-traffic areas.
Integrated color-coded wayfinding systems and indirect LED lighting to reduce patient stress and enhance navigation.
Embedded modular utility raceways for rapid access to medical gases and electrical systems.





Smart Nurse Station Optimization

Built ergonomic, U-shaped stations with 360° patient visibility and soundproofed zones for confidential consultations.
Designed custom millwork with embedded power/USB hubs, pneumatic tube systems, and real-time patient data dashboards.





MEP Precision Upgrades

Retrofitted HVAC systems with HEPA filters and negative pressure zones to prevent cross-contamination.
Upgraded electrical infrastructure to support IoT-enabled patient monitoring devices and emergency backup systems.
Installed touchless faucets, sanitization stations, and voice-activated nurse call systems.

HOSPITAL COMPLEX - JEDDAH

ENGINEERING & DESIGN PHASE

Project Overview

Client: ANFAS

Location: Jeddah, Saudi Arabia

Scope:

- Turnkey Design & Build
- Conversion & Reuse of an Existing Landmark Palace
- Civil & Structural Works, Full MEP, Hospital Fit-Out
- Staff Accommodation & Basement Parking

Programme: 3 Years - Integrated Design & Build

Challenge

To convert a landmark palace into a modern, patient-centred healthcare complex of approximately 30,000 m², retaining and retrofitting 16,940 m² of the existing palace, adding 6,000 m² of staff accommodation and around 1,100 basement parking spaces - all delivered under a single point of responsibility and aligned with Saudi Vision 2030.







ABAAD's Design Approach

Adaptive Reuse & Heritage Integration

The existing palace is retained at the heart of the site and retrofitted as the anchor of the new healthcare campus - preserving its identity while meeting modern hospital standards.

Hijazi Vernacular Reimagined

Facades veiled in mechrabiah screens - perforated panels inspired by Hijazi architecture - provide shade while maximising daylight. Staggered wings, green roofs and terraces create calm, therapeutic outdoor space.

A Campus of Connected Care

Hospital wings, specialist blocks and staff accommodation are arranged around landscaped courts and shaded walkways, with segregated visitor, outpatient, emergency and service circulation.





MIM HOPE-PITAL

ENGINEERING & DESIGN PHASE

Project Overview

Client: AL-HANOUF CO.

Location: Jizan, Saudi Arabia

Scope:

- Turnkey Design & Build
- Retrofit & Revitalisation of an Existing Hospital
- New Hospital Extension & Multi-Storey Car Park
- Full MEP & Hospital-Grade Fit-Out

Programme: ~11,300 m² Hospital GFA + ~12,000 m² Car Park

Challenge

To transform an existing hospital in Jizan into a modern, patient-centred healing environment - a retrofit and new extension across six levels of integrated care, from emergency and ICU through rehabilitation and long-term inpatient wards, crowned by a roof garden and hydrotherapy wellness terrace, together with a new multi-storey car park.







ABAAD's Design Approach

Retrofit & Revitalisation

The existing building is softened and reimagined - merging old and new into a modern healing landmark for Jizan, delivered under a single point of Design & Build responsibility.

Local Vernacular Reimagined

A glass facade veiled by a projected grid of mashrabiya screens - perforated panels drawn from local architecture - provides shade while maximising daylight. Staggered wings, green roofs and terraces create therapeutic outdoor space.

Wellness-Led Healthcare Program

Six levels of integrated care - public and emergency, ICU and inpatient, rehabilitation with physiotherapy and hydrotherapy, and long-stay wards - culminating in a rooftop garden and outdoor wellness terrace.





F&B,
Retail
& Commercial



Sindalah Island Luxury Restaurants

Project Overview



Client: NEOM / NESMA / BEC

Location: Sindalah Island, NEOM, Saudi Arabia

Scope:

- Architectural Design & Build
- Bespoke Fit out for 10 Restaurants & Kitchens
- MEP systems Integration
- Kitchen Equipment

Project Duration: 12 Months

Challenge

To design and construct 10 world-class, theme-driven restaurants (including gourmet kitchens) on a tight timeline for Sindalah Island – NEOM's premier luxury destination – while adhering to stringent sustainability standards and seamlessly integrating technology with avant-garde aesthetics.

ABAAD’s Solution

Architectural Innovation

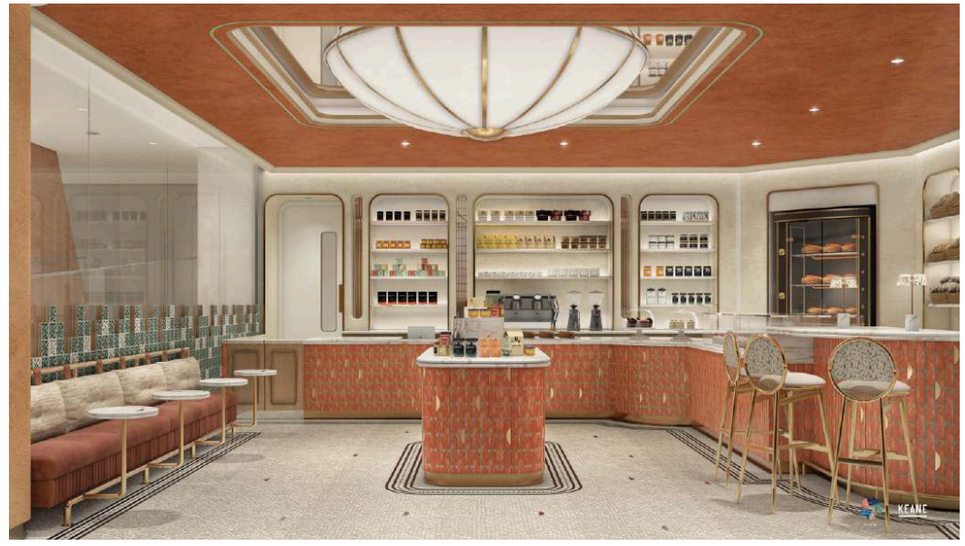
Executed 10 unique designs, ranging from underwater-themed seafood grills to skyline rooftop lounges, incorporating NEOM’s futuristic ethos.
Used lightweight, marine-grade materials resistant to coastal corrosion for outdoor terraces and beachfront venues.

Luxury Fit-Out & Kitchen Mastery

Customized VIP dining pods with retractable glass roofs for stargazing experiences.
Installed 10 commercial kitchens with hidden exhaust systems, robotic automation, and AI-driven inventory management.
Crafted artisanal finishes (e.g., hand-blown glass chandeliers, fossilized stone countertops) for immersive ambience.

Smart MEP Systems

Engineered hyper-efficient HVAC zones to maintain optimal temperatures across open-air and enclosed spaces.
Deployed IoT-enabled plumbing for water conservation (40% reduction vs. standard systems).
Integrated silent kitchen ventilation and dynamic lighting systems that adapt to sunset/mood settings.





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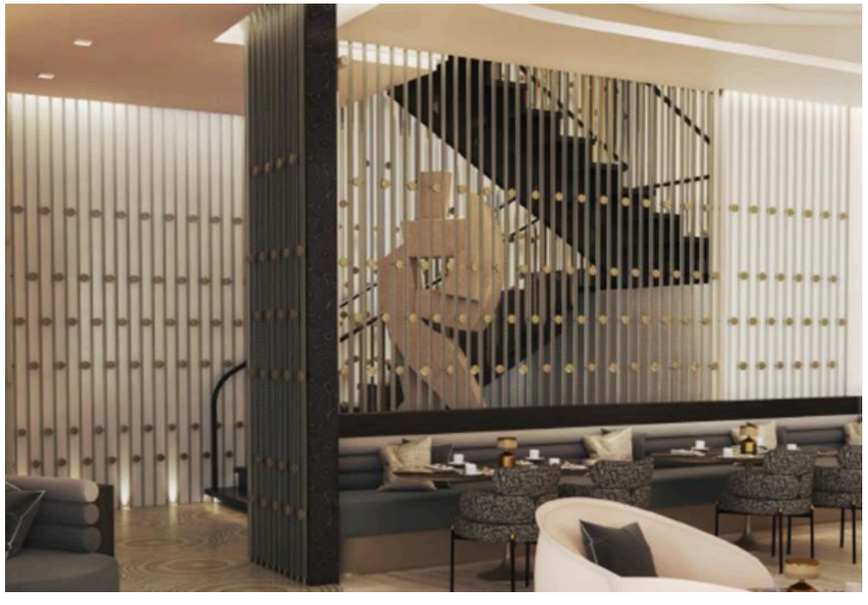
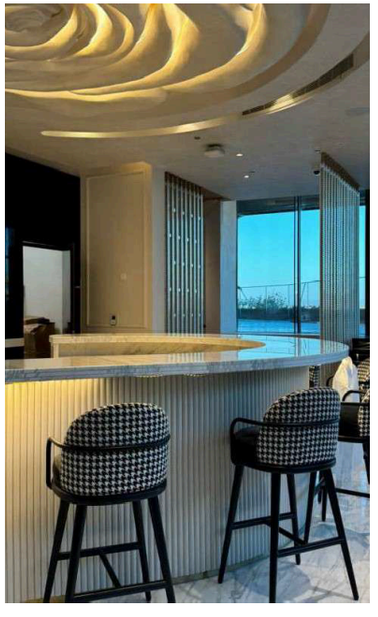
Parfum De Patisserie



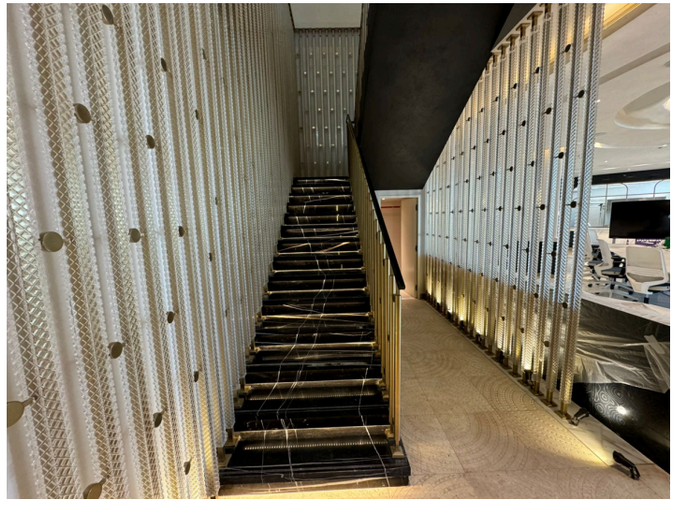




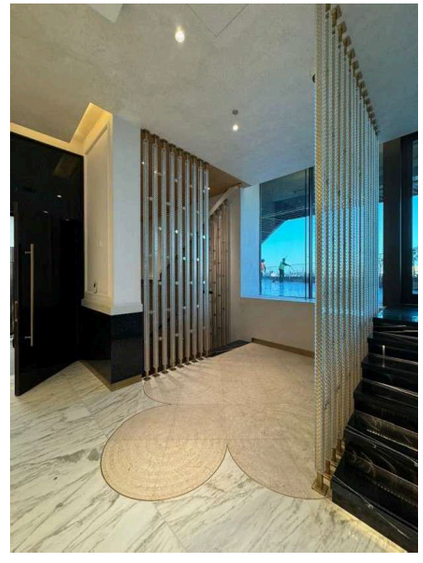


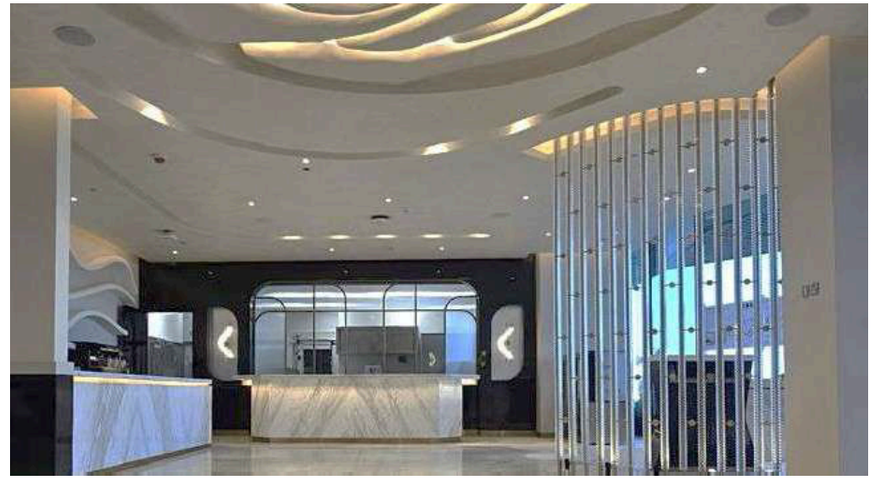
Parfum De Patisserie



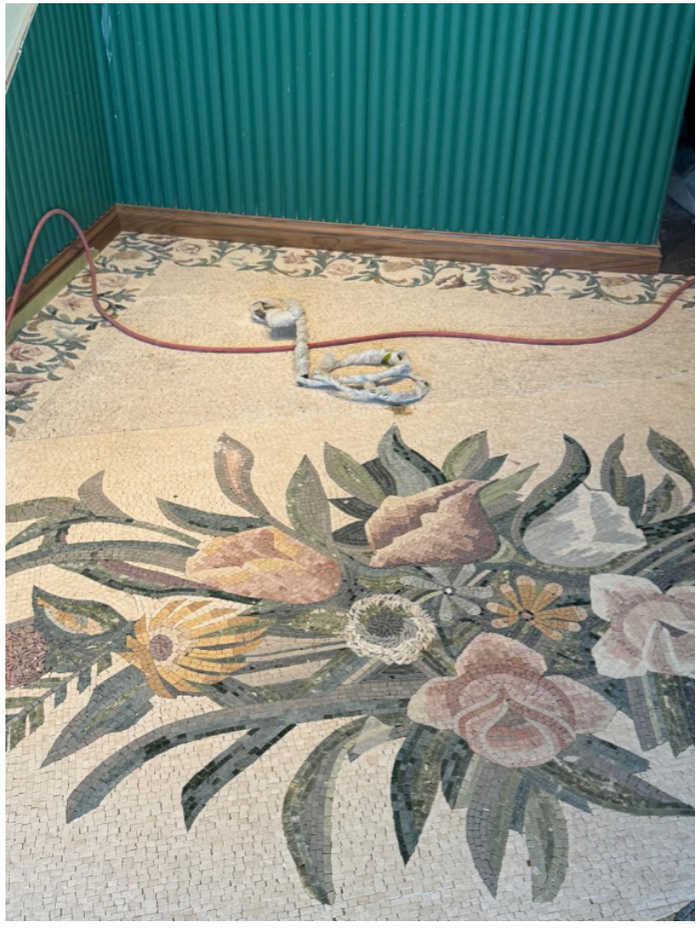








Carousel

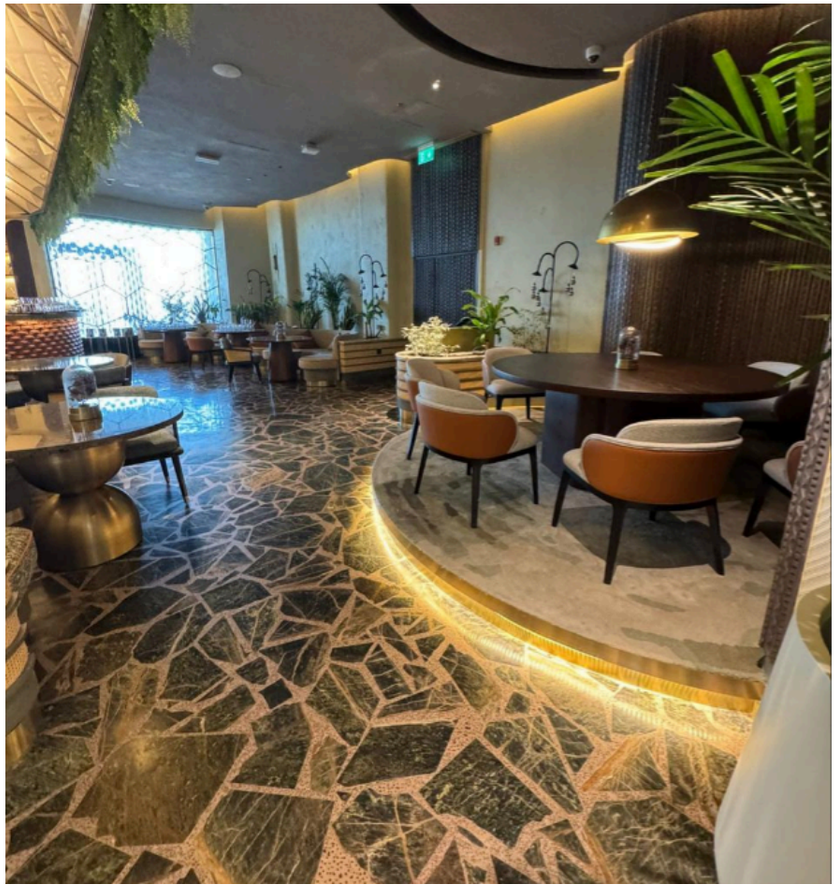




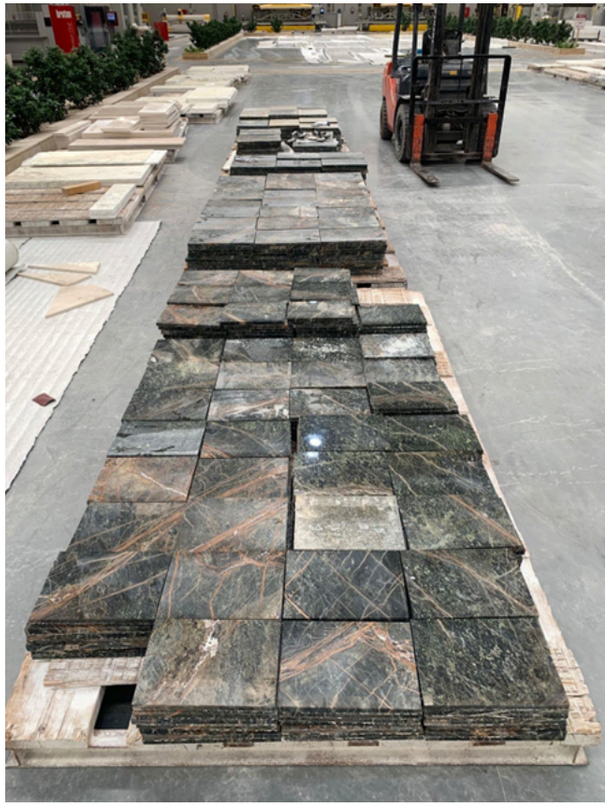




Grow









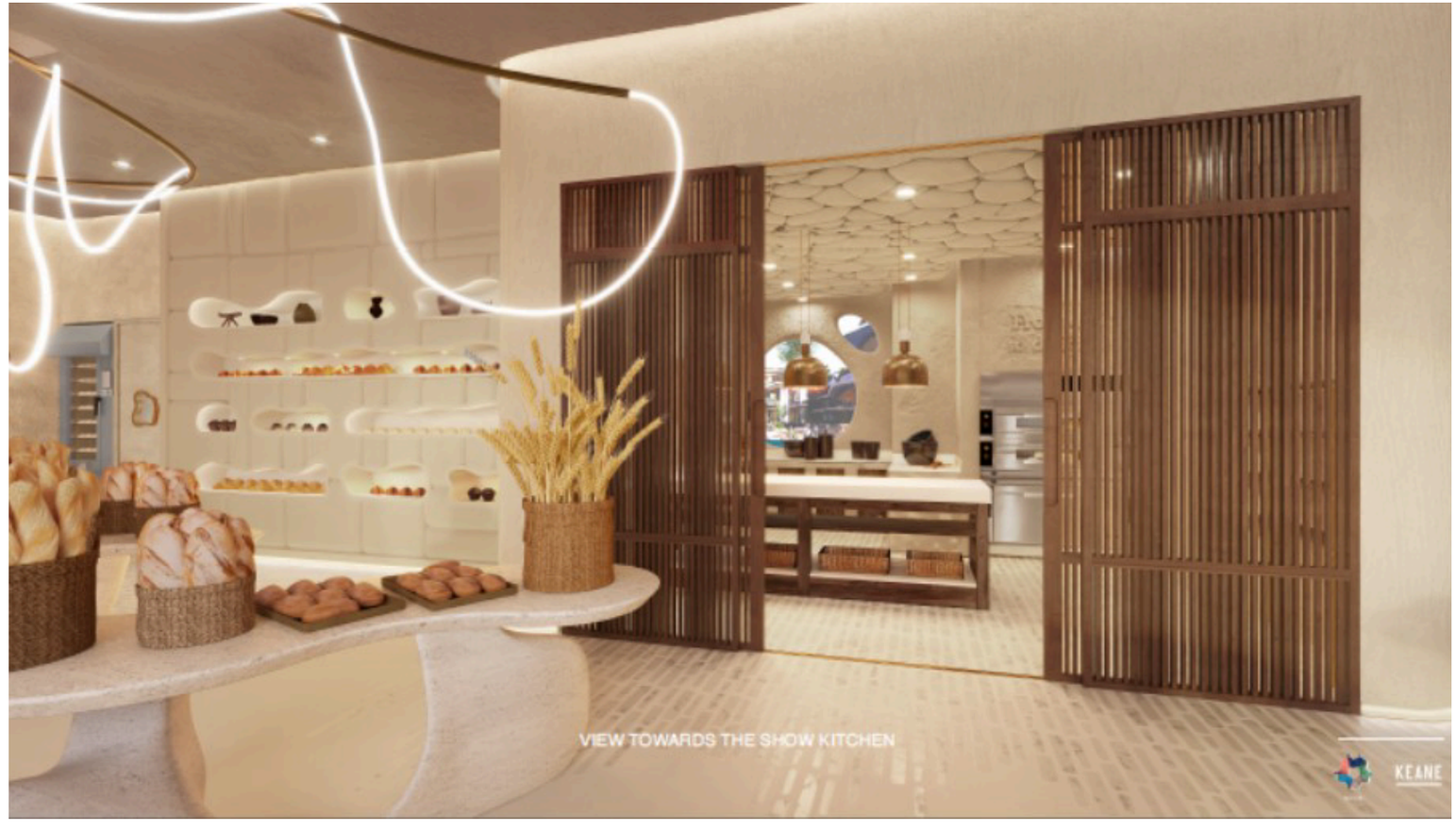


Real Dough





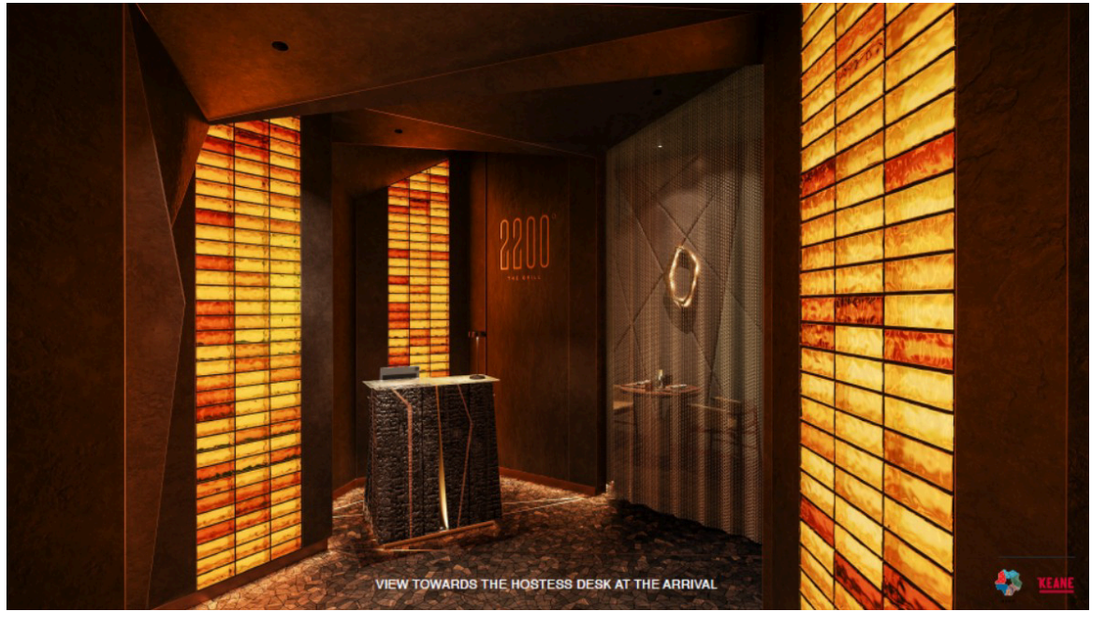

VIEW TOWARDS DINING AREA AND THE HIGH SEATI

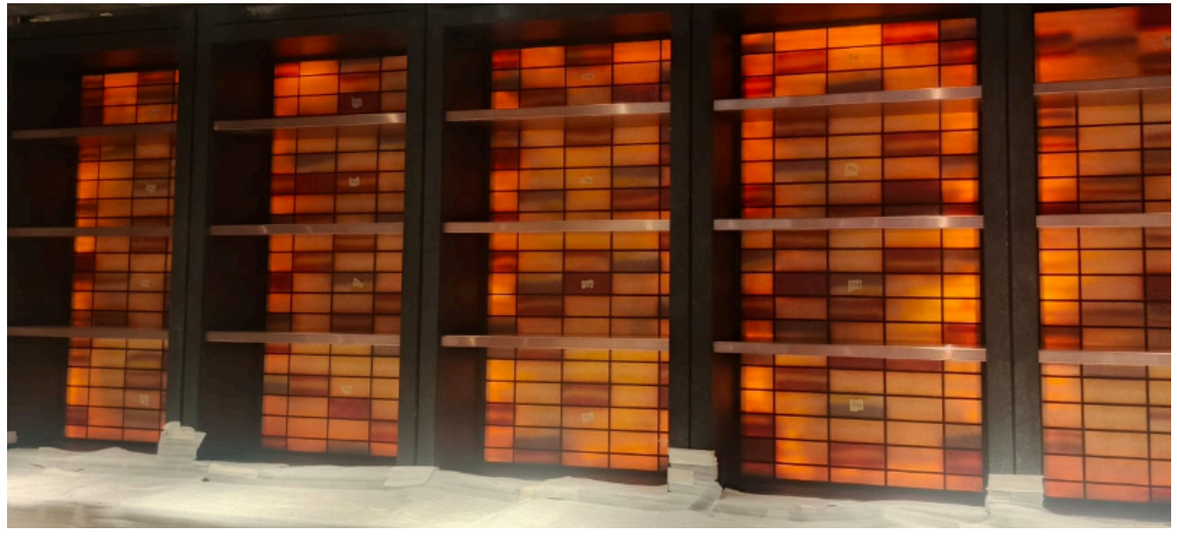

VIEW TOWARDS THE SHOW KITCHEN
KEANE

ART OF FIRE


VIEW TOWARDS THE GRILL AND THE CHEF'S TABLE
KEANE


VIEW TOWARDS THE COMMUNAL TABLE AND THE BOOTHS
KEANE


2200
VIEW TOWARDS THE HOSTESS DESK AT THE ARRIVAL
KEANE



Luxury Restaurants & Retails -Riyadh

Project Overview

Location: RIYADH, Saudi Arabia

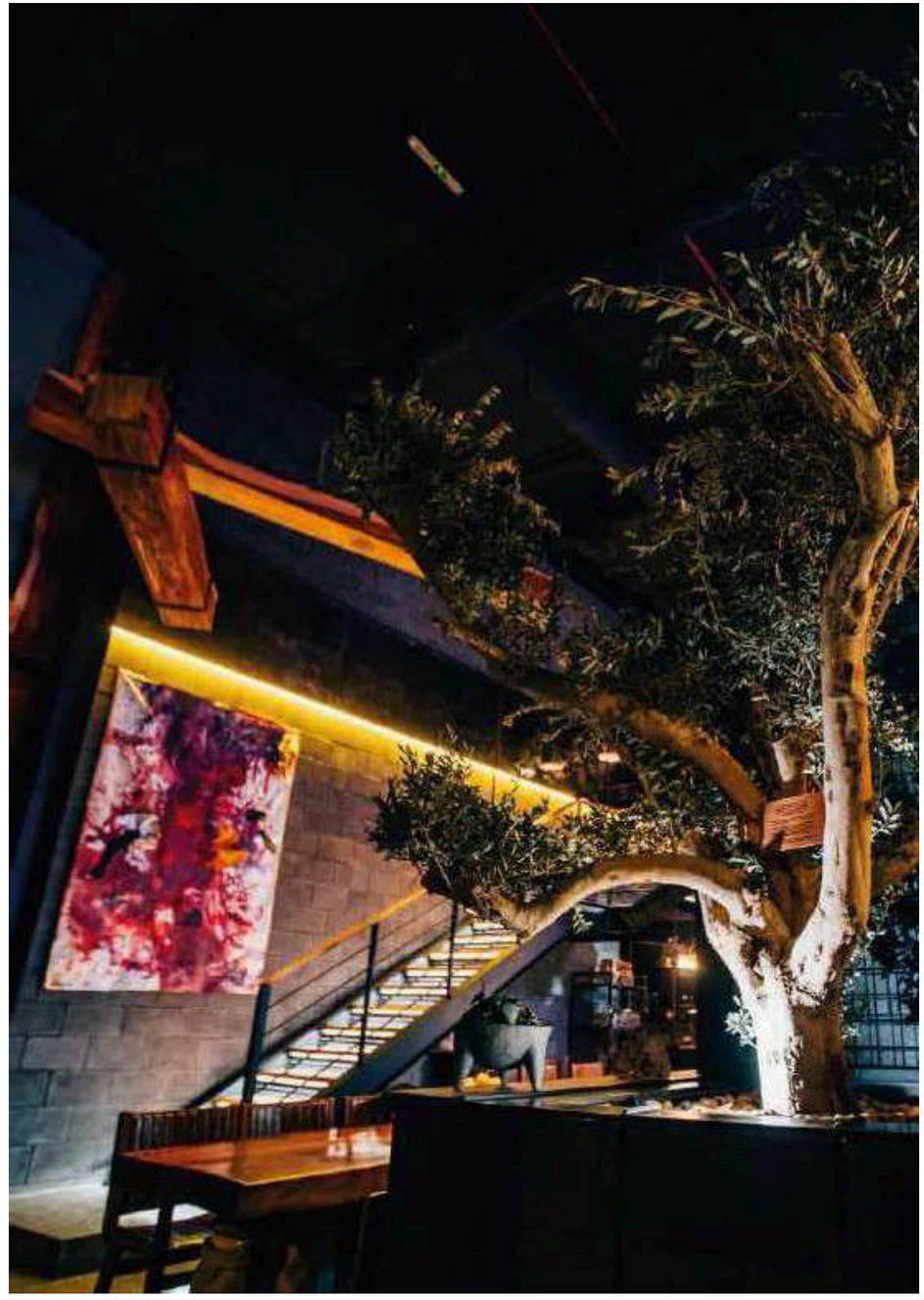
HABRA

Scope:

- Architectural Design & Build
- Bespoke Fit out for 10 Restaurants & Kitchens
- Custom Artwork Curation & Installation
- MEP systems Integration
- Kitchen Equipment

Challenge

To transform five premium restaurants into cultural landmarks that blend Saudi heritage with contemporary luxury, combining functional culinary spaces with large-scale artistic installations – all while adhering to strict timelines for high-profile openings in Riyadh's competitive dining scene.



ABAAD’s Solution

Architectural Storytelling

Designed thematic interiors for diverse concepts: a Najd-inspired fine-dining venue, a modern fusion lounge, and a sky terrace with panoramic city views.
Engineered open kitchens with concealed ventilation and soundproofing to balance theatrical culinary displays with intimate dining.

Art-Driven Fit-Out

Collaborated with Saudi and international artists to create 20+ bespoke installations:

A 10-meter suspended metalwork sculpture mimicking desert dunes.

Hand-painted Arabic calligraphy murals with integrated LED backlighting.

Interactive digital art walls in private dining rooms.

Customized tables, lighting, and partitions as functional art pieces.

MEP Precision for Art & Utility

Installed micro-climate HVAC zones to preserve delicate artworks while ensuring guest comfort.
Engineered hidden wiring and structural supports for floating installations.
Designed “silent” kitchen exhaust systems to eliminate noise pollution in dining areas.

HABRA





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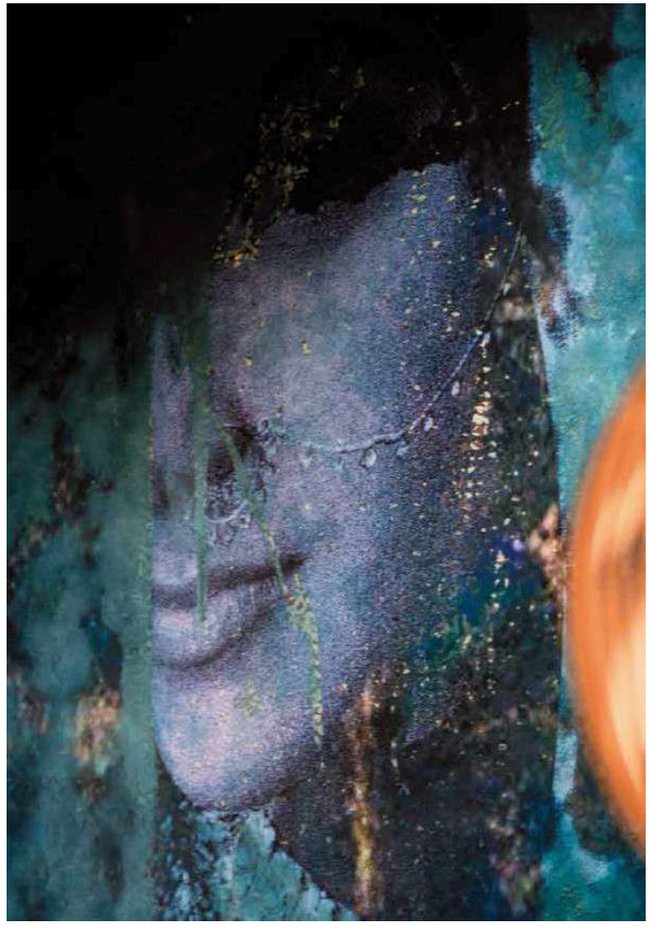





HARRAT







HARRAT 2











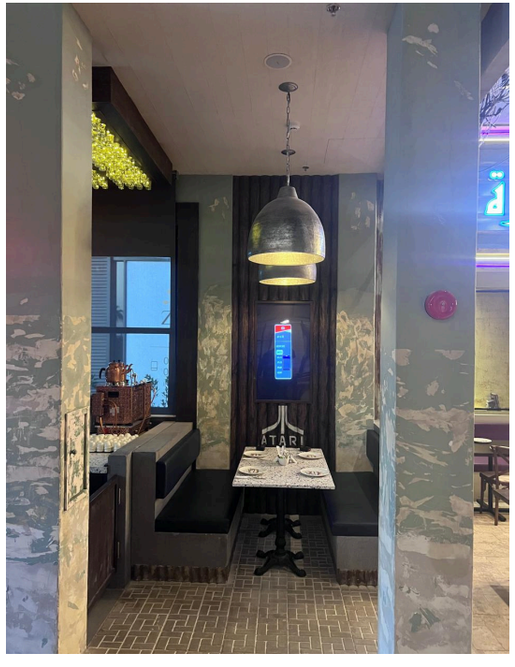

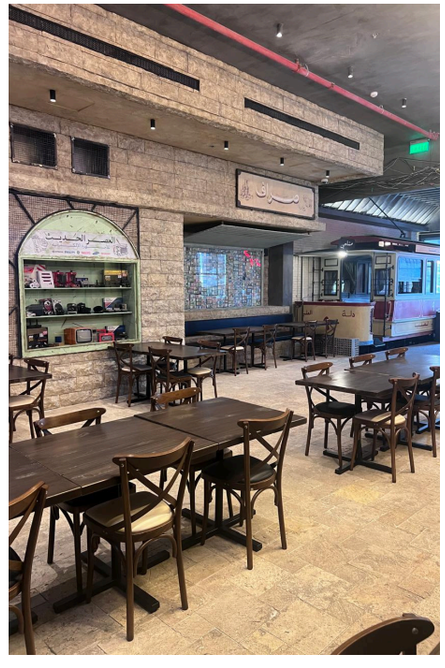



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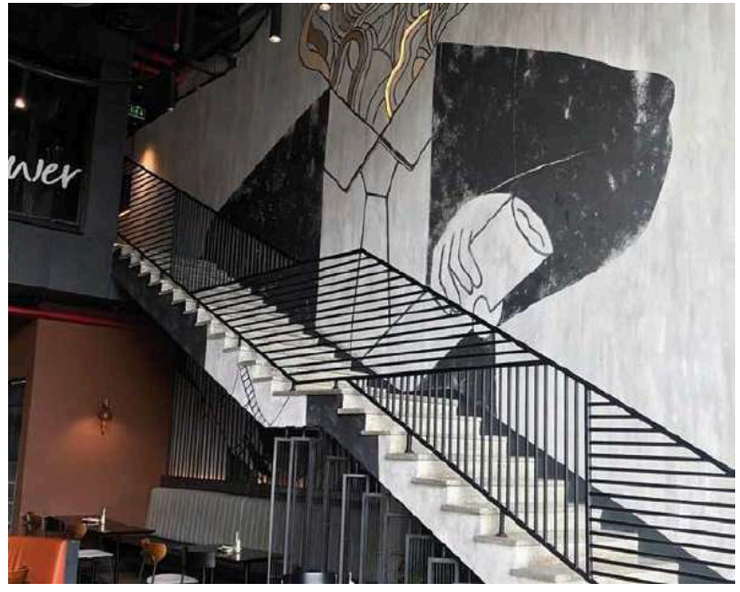
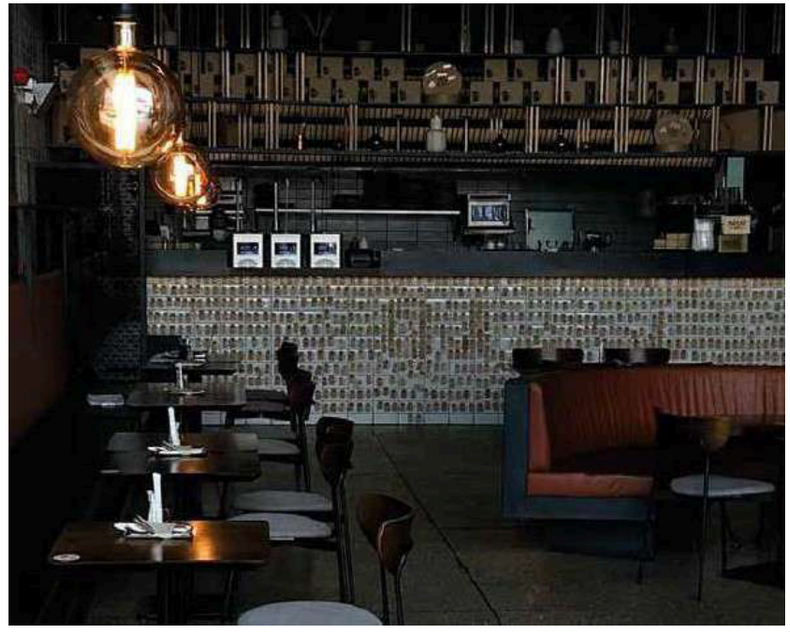
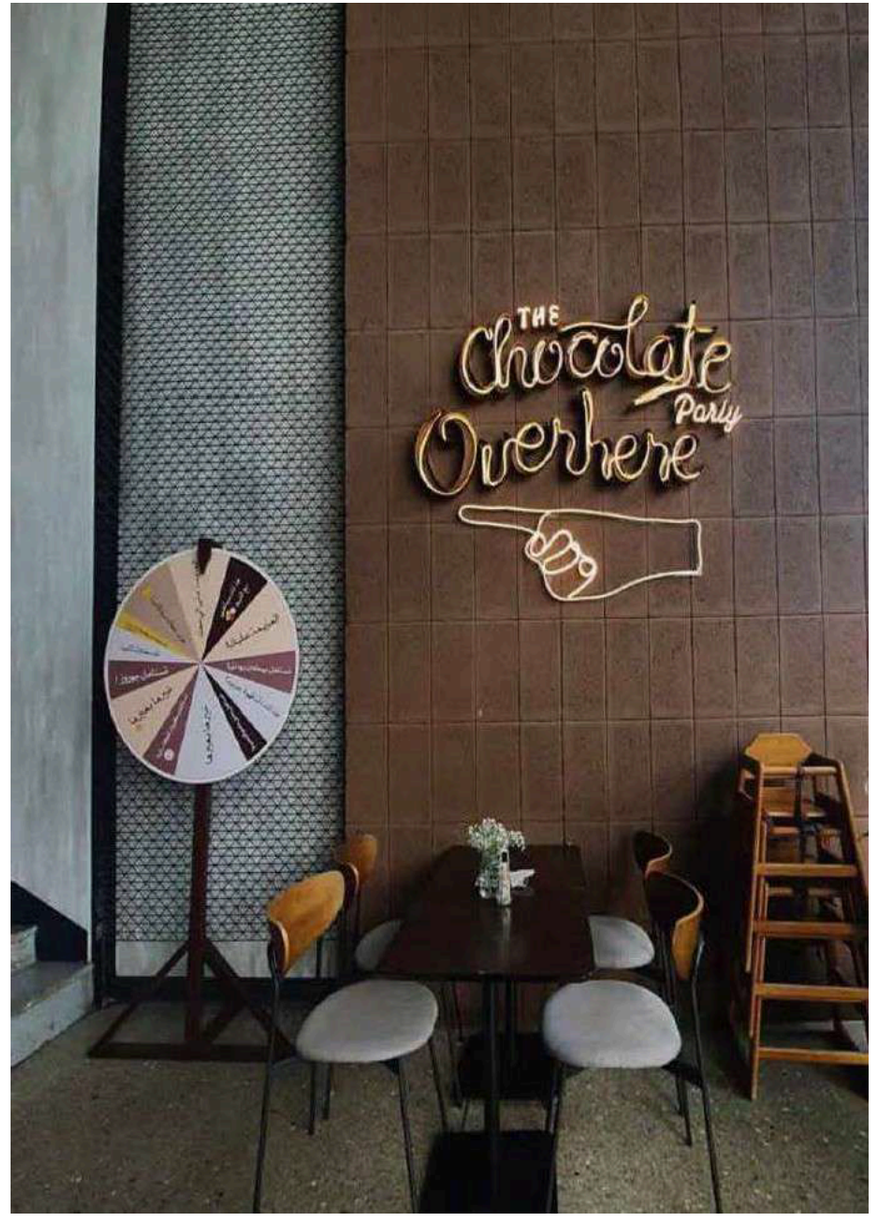


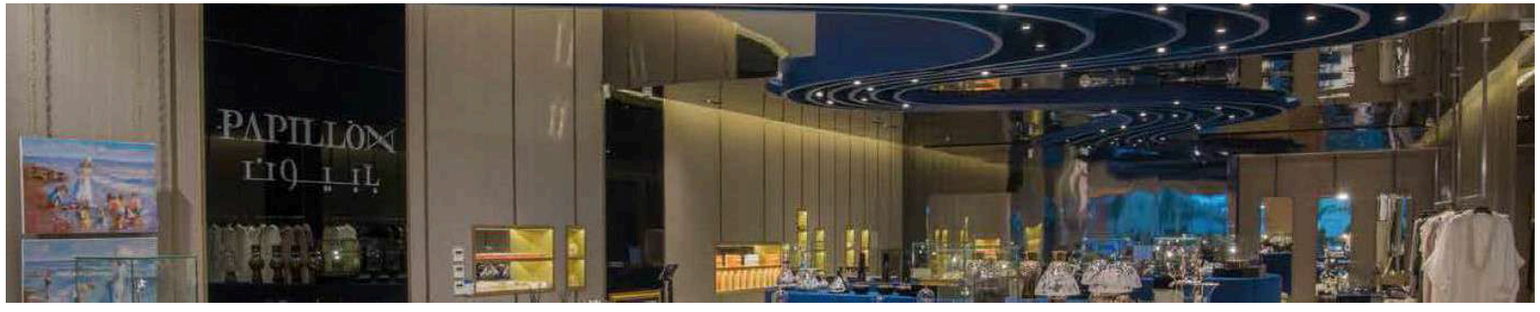




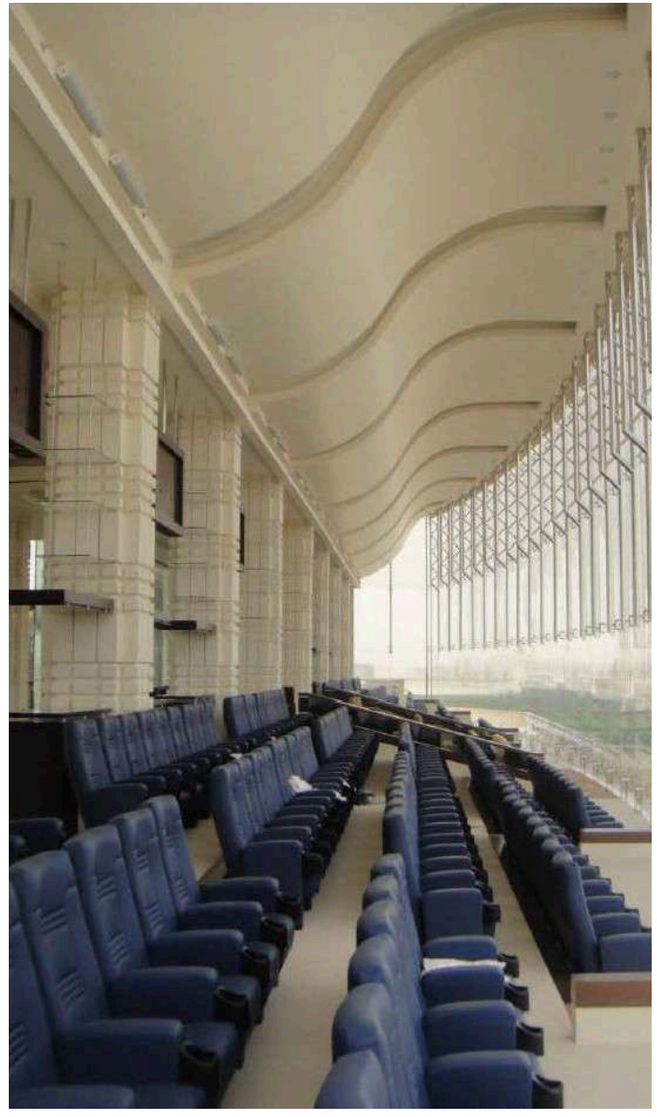
Boutique Papillion







Equestrian Pavilion









RESIDENTIAL



Confidential Ultra-Luxury Private Residence

Project Overview

Client: Confidential

Location: Saudi Arabia

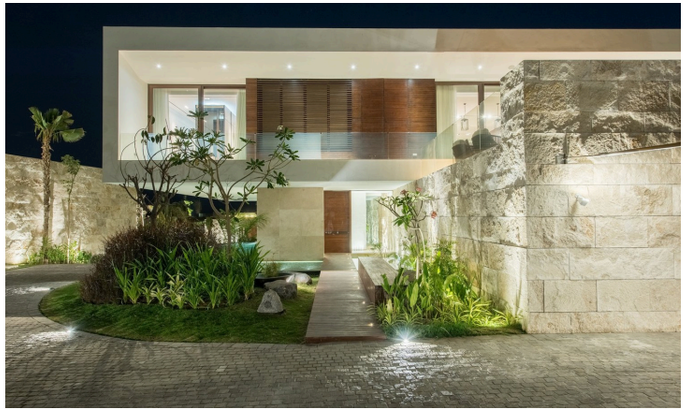
Scope:

- Full-Service Architectural Design & Build
- Complete Civil & Structural Works
- Bespoke Interior Fit-Out & Custom Millwork
- Integrated Smart MEP Systems
- Landscape Architecture & External Works









Challenge

To design and construct a definitive, one-of-a-kind private residence that transcends conventional luxury. The project required the seamless integration of monumental architectural design with the highest levels of personalized comfort, cutting-edge technology, and absolute privacy, all while achieving unparalleled craftsmanship on a complex, constrained site.

ABAAD’s Solution

1. Architectural & Civil Mastery

- Sculptural Design: Executed a bold architectural vision featuring cantilevered structures, expansive glass curtain walls, and a seamless indoor-outdoor flow, creating a residence that is both a landmark and a sanctuary.

- Complex Substructure: Engineered and constructed a multi-level subterranean complex including a vehicle gallery, spa, and cinema, requiring sophisticated excavation and water-proofing techniques on a challenging plot.

- Material Innovation: Utilized a bespoke mix of materials such as board-formed concrete, structural glazing, and native stone cladding, selected for their aesthetic impact, durability, and harmony with the natural surroundings.



2. Bespoke Fit-Out & Artisanal Craftsmanship

- Custom Millwork: Designed, fabricated, and installed entirely custom joinery throughout, including a master closet with integrated lighting and climate-controlled storage for valuables, and a library with hidden mechanisms.

- Curated Finishes: Sourced and installed exclusive materials from around the world, including monolithic marble slabs, rare timber parquet flooring, and hand-forged metal detailing to create a unique and tactile environment.

- Art Integration: Collaborated with artists and craftspeople to create site-specific installations, including a feature staircase as a central sculptural element and custom-designed lighting fixtures.



3. Advanced MEP & Smart Home Integration

- Climate & Wellness Engineering: Designed a zoned, ultra-silent HVAC system with advanced air purification and humidity control to ensure perfect indoor environmental quality in all climates.

- Fully Integrated Automation: Deployed a comprehensive smart home system managing everything from lighting scenes and audio-visual distribution to motorized glazing and security, all controllable via a discreet, intuitive interface.

- Resilient Infrastructure: Installed redundant power systems with automatic backup generators and future-proofed data infrastructure to guarantee uninterrupted comfort and connectivity.

4. Seamless Project Execution

- Phased Precision Delivery: Managed the complex interface between civil, architectural, MEP, and fit-out works through meticulous phased planning, ensuring no delays despite the project's complexity.

- Absolute Discretion: Operated under a strict confidentiality protocol to ensure the client's privacy was maintained throughout the entire design and construction process.

- Sustainability Integration: Incorporated passive design principles, high-efficiency mechanical systems, and locally sourced materials where possible to meet modern sustainability benchmarks without compromising on luxury.


























ARABIAN HORSES













MEP SERVICES



UAE COMPLEX, RIYADH

Client: Royal

Location: Riyadh, Saudi Arabia

Scope:

- MEP
- Integrated Smart MEP Systems
- Infrastructure























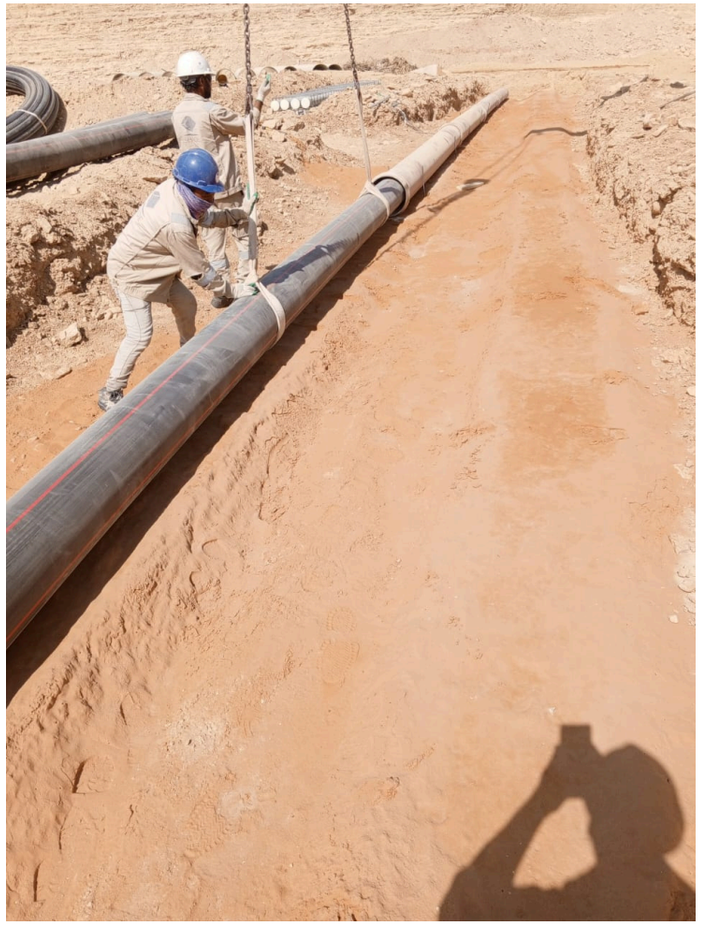










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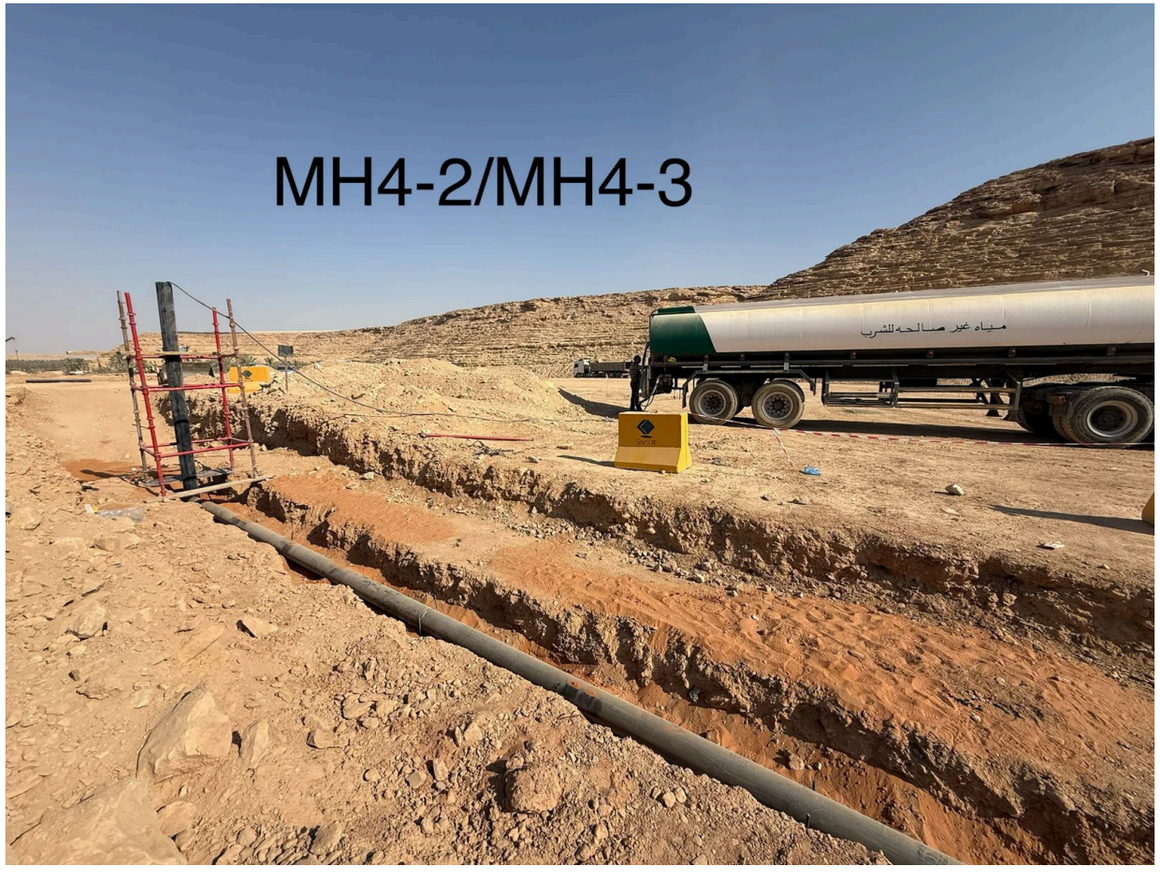
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MEP & Infrastructure Services

Sector Focus:

- Smart Cities
- Utilities
- Transportation
- Healthcare
- Hospitality

Key Clients:

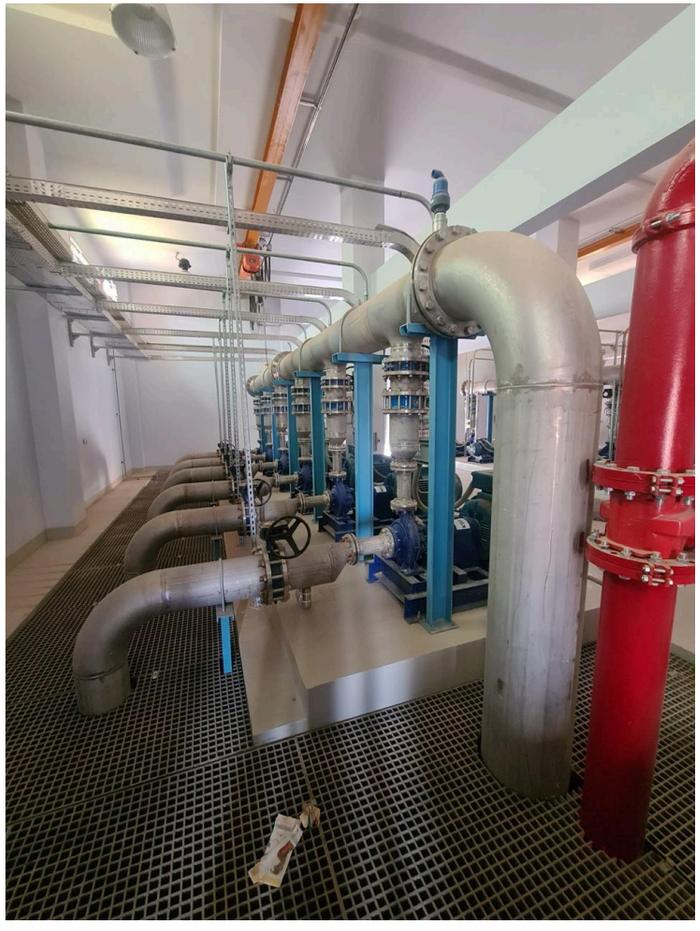
- PIF-Backed Developments
- Municipal Authorities
- NEOM
- Leading Contractors (NESMA/BEC/etc.)



Core Competencies

Large-Scale MEP Systems:

• HVAC systems
• ELV systems
• Chilled water systems
• Fire protection systems
• Building management systems (BMS)
• Power distribution systems
• Low voltage systems
• Power generating and UPS Systems
• Renewable energy solutions
• Water supply systems
• Drainage and sewage systems
• Data centers



Infrastructure Mastery: Underground utilities, district cooling, renewable energy integration.

Smart Solutions: IoT-enabled systems, BIM coordination, energy modeling.














HPP



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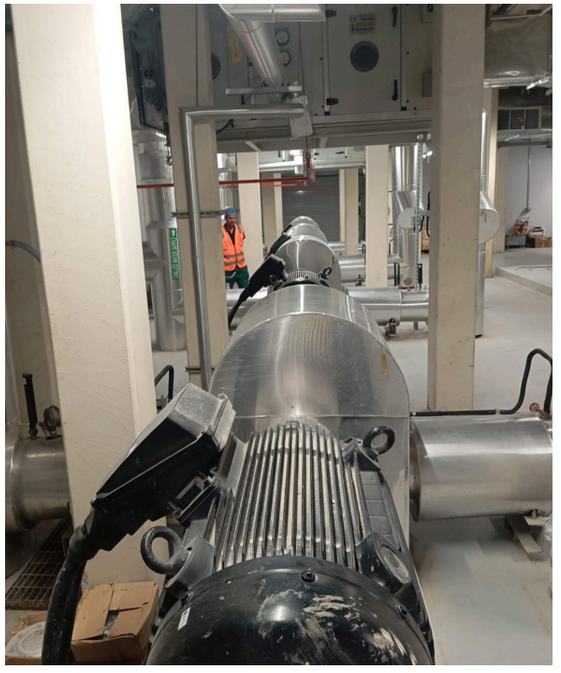








TRANE
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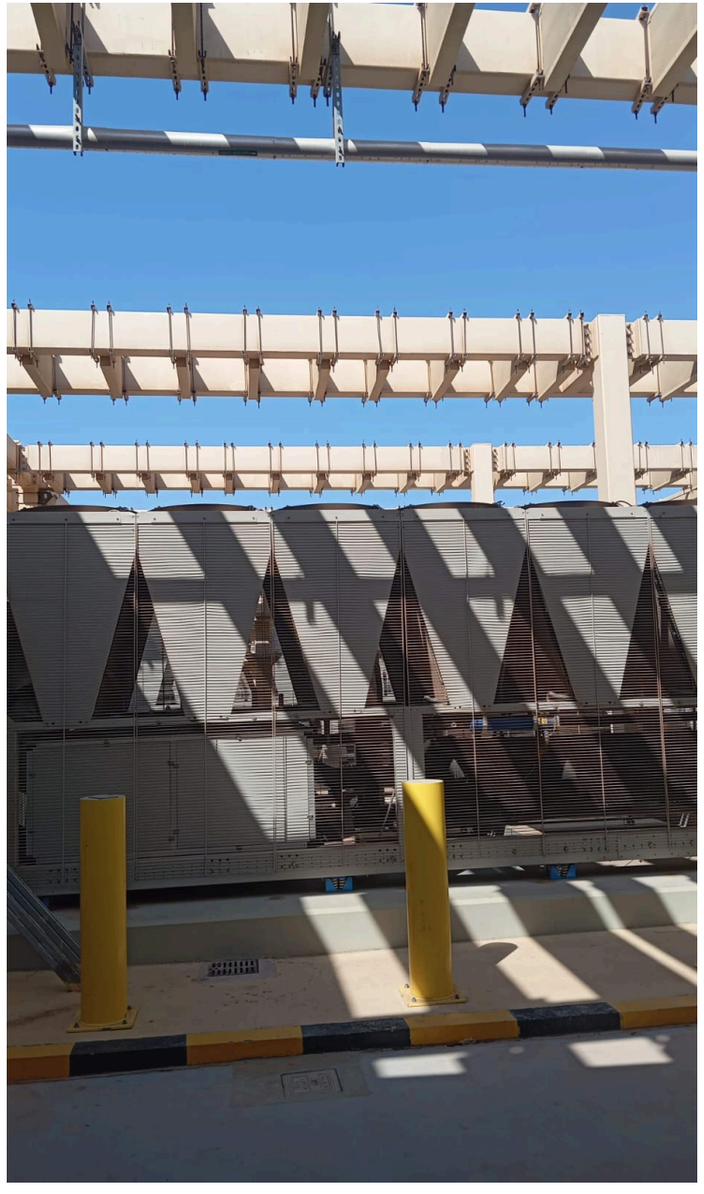


STOLZ
Aquolux
SCHALKE


condair
condair


condair







OUR CLIENTS


uniquevision
GROUP


أنفاس
ANFAS


KVH


NMR


حياة مول
HAYAT MALL




MEA




harat
حارات


OUTBACK
STEAKHOUSE


nexter
A COMPANY OF




cmi
CMI DEFENCE


mmg | M.E.




ViaLighting


FN HERSTAL


شركة كيان السعودية
Saudi Kayan Company


PAPILLON
RIYADH


ADVANCED FOOD CO.
شركة الأطعمة المتطورة


البواني
AL BAWANI


ROLLS
ROYCE


MECAR


US ARMY
OPM - SANG


بنك البلاد
Bank Albilad


CAYAN
GROUP


GACA


Delta
شركة دلتا


NEOM


الصحة القابضة
HEALTH HOLDING


تجمع المدينة المنورة الصحي
Madinah Health Cluster


AECOM


Nesma
& Partners
نسما
وشركاهم


BEC

OUR DISCIPLINES

Where Excellence Meets Execution

Health, Safety & Environment (HSE)

"Safety First, Always"

Core Philosophy: Protecting people, preserving environments, and ensuring zero compromises.

Proactive Risk Management: Hazard prediction models and daily site audits.

Saudi Compliance: Exceeding Saudi OSHA, MOMRA, and ISO 45001 standards.

Culture of Care: 100+ hours of annual HSE training per employee, including crisis simulation drills.



Quality Assurance & Control

"Precision Built Every Layer"

Core Philosophy: Delivering perfection, from blueprint to handover.

Triple-Check System: Supplier audits → In-process inspections → AI-powered defect detection.

Standards Adherence: ISO 9001:2015 certified with client-tailored KPIs (e.g., 99.9% MEP system reliability).

BIM-Driven Excellence: Clash-free designs via 4D/5D BIM coordination.



Innovation & Technology

"Building Tomorrow, Today"

Core Philosophy: Turning constraints into breakthroughs.

Smart Solutions Hub: IoT-enabled MEP systems, drone-based progress monitoring, and digital twin simulations.

R&D Partnerships: Collaborating with KAUST and global tech leaders (e.g., Siemens, Autodesk).

Sustainability Innovation: Solar-integrated façades, 3D-printed architectural elements, and hydrogen-ready utilities.





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ABAAD


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Redefining Possibilities