

Engineering and Environmental consulting

Mohamed Nasser Alhogori



Integrated engineering and environmental solutions

www.alhogori.com



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Mohamed Nasser Alhogori

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Mohammed Nasser Al-Hogori Consulting Office Engineering, studies and environmental consulting

We're happy to provide our engineering and environmental services to our clients in the government, private and private sectors and our office.

The highest levels of integrated design services, engineering supervision, environmental studies, space, planning and

Project management using the highest standards of design, practical innovations, advanced engineering programmes and dimensions

Technical and environmental measurement interface in project design through our team of engineers and consultants

Professionals who have gained years of experience, experience and evolution for more than 20 years in engineering and environmental studies.

And through the use of modern engineering design and analysis software, our goal is to continue to evolve.

In keeping with our precious country's vision, Vision 2030, and providing highly standard integrated engineering and environmental solutions,

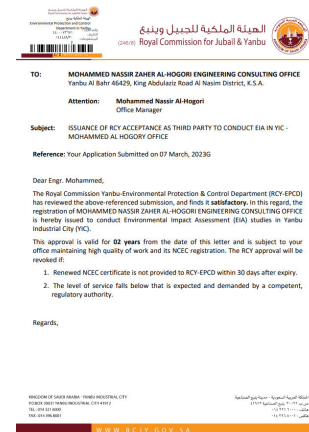
And the outstanding quality of our clients' high-quality engineering and environmental satisfaction.

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ISO OUR CERTIFICATE



Our Certificate



Practical experience

Diploma in Safety Standards in the Design of Fire Protection and Protection Requirements from the Faculty of Engineering of the University of Taeiba

He's got an area training course in hardware, LEVEL, TOTAL STATION, GPS

Certificate of management of professional projects from the Saudi council of engineers; Authority in partnership with the Saudi National Building Code Committee

Certificate of Saudi Code of Residential Buildings(S1101-1102 SBC)

From Saudi Corps of Engineers in partnership with the Saudi National Building Code Committee

Certificate of screening of real estate units from the Saudi Real Estate Institute

Received a certificate of risk assessment principles from the Saudi council of engineers; Authority in partnership with the Saudi National Building Code Committee

From Saudi Corps of Engineers in partnership with the Saudi National Building Code Committee

Certificate in the management of elegant projects SCRUM

He's got the Osha's cycle of safety.



Eng. Mohamed Nasser Elhogori
CEO

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The Founder

Founder Mohammed Nasser Al-Hogori

Office of Engineering Consulting and Environmental Studies

After many years of varied experience for over 20 years,

In engineering, after a bachelor's degree, In architecture, he started his career as an architect.

And a supervisor with engineering offices and contractors to execut

Projects in the gover nment and private sectors

Then he's owner and manager of his office, the office of Muhammad Nasser Al-Hogori.

for engineering consulting and environmental studies in 2010

Membership in the Saudi Council of Engineers with the rank of consultant

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Our values

Keep up with the evolution.

Flexibility and professionalism

Our office has engineering consultants and the environment is experienced, which makes it easier clients must find solutions and support them with counselling and counselling for them with regard to their various projects.

Responsibility

Honest hard work is the basis for success and success. Whoever we believe and believe in with our office agents, we always carry them out of bellies towards their projects and investments to achieve results they look forward to.

Innovation and innovation

The engineering cadre in our office is making sure to get the projects out In a variety of creative and geometric ways of inventing ideas Implementation on the ground.

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Our vision

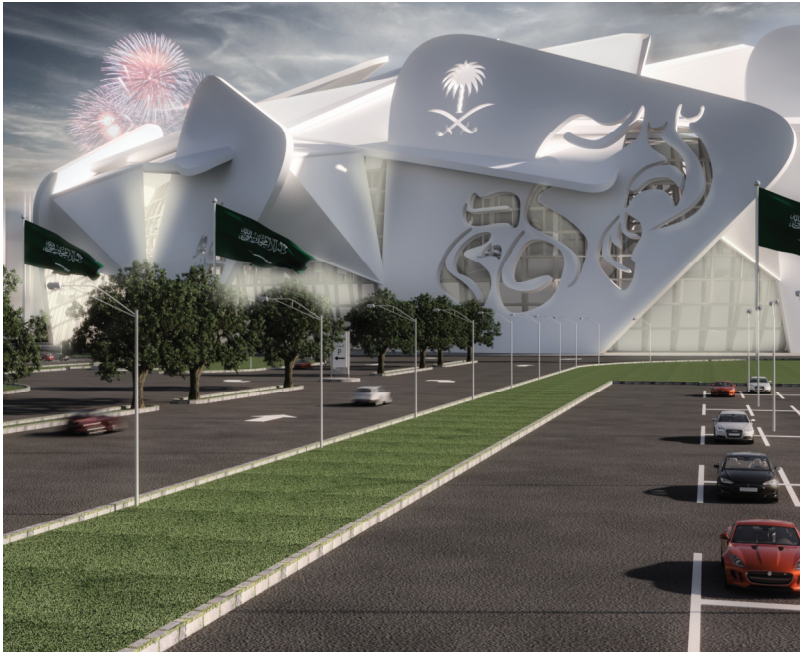
To continue to evolve in proportion to the vision of our precious country, Vision 2030.
Provision of high-quality engineering consultancy and environmental studies
Who have the satisfaction of our distinguished engineering clients.

Our purpose

Leading the engineering field in Saudi Arabia through the production of output
High-level engineering, quality and mastery fits into Vision 2030.
Contribution to the renaissance and overall development of the Kingdom of Saudi Arabia

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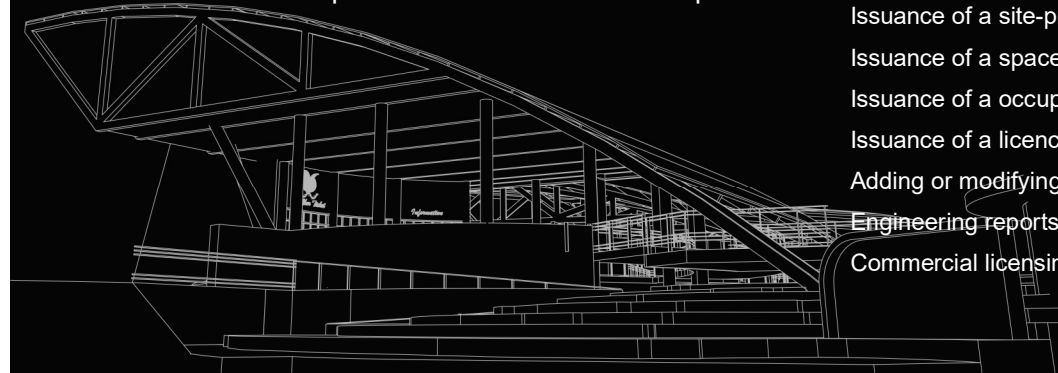
Engineering services



All branches of engineering consultancy
Study and reconciliation of schemes before they start implementation
Quantity inventory, estimated project cost index and computational note
Making all kinds of inventory from the site
Preparation of contracts, technical requirements and standard specifications
Preparation and practical application of project schedules
Full engineering supervision of each phase of the project
Periodic meetings between the owner and the contractor
Administrative follow-up to coordination of work among contractors
Approval of contract extracts after review
Preparation of the project file to include work reports, extracts
Minutes of periodic meetings and schedule of contracts

Engineering services

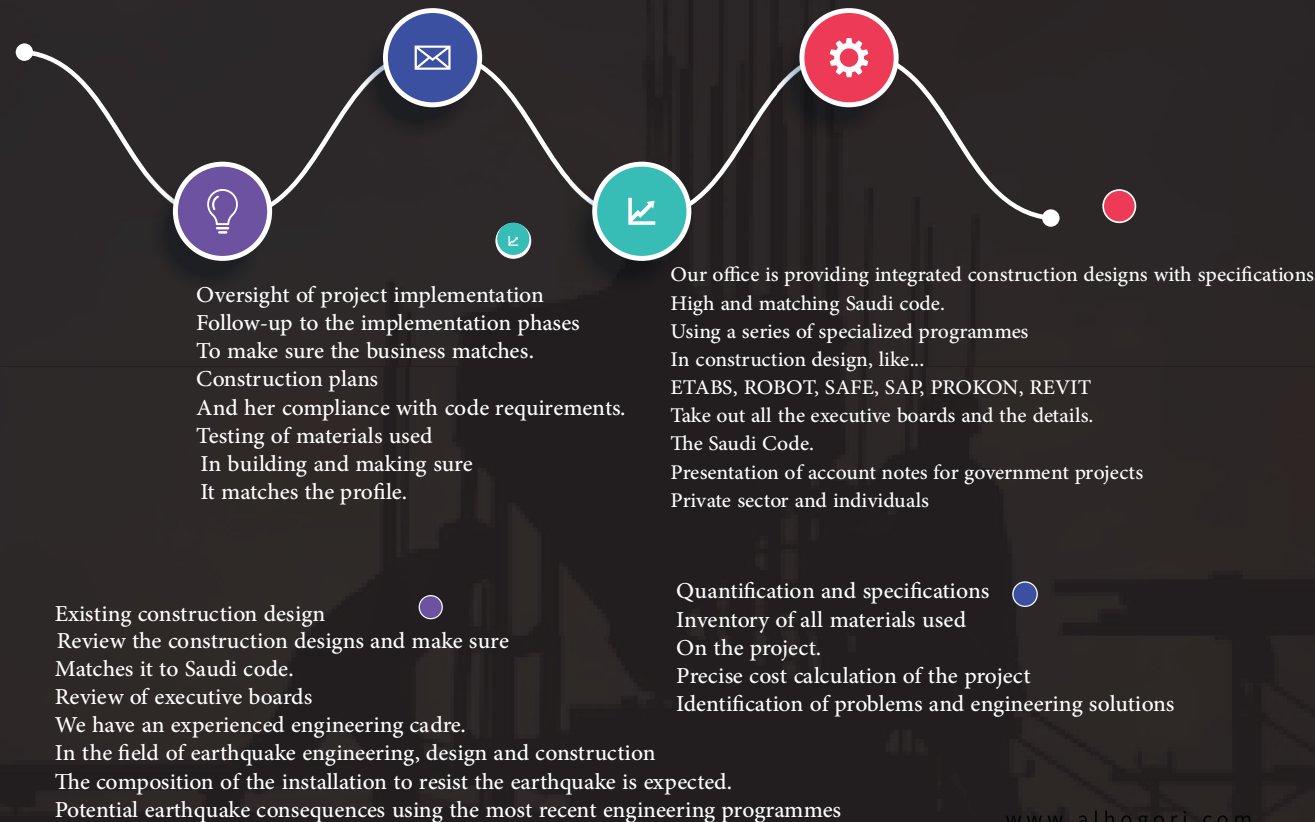
City platform services (design and supervision).
All licensing services are provided by the Riyadh Secretariat and the Manora City Secretariat.
Residential permit services and cadastral decisions from the Royal Authority
Arbitration and dispute resolution.
Digging license platform.
Croquet organization work, downloading and uploading my space.
Application of instruments to nature (urban housing).
Screening and integration work from the Ministry of Housing.
Issue collective residence permits to individuals and companies.



3D Engineering designs
(Architectural - Structural - Sanitary - Electrical - Mec)
BIM Building Information Modelling Designs
3D Inner Design
Architectural extraction
Cadastral decision.
Issuance and renewal of building permits
Immediate transfer of ownership of a building permit
Issuance of a correction licence for the status of an e
Issuance of a site-processing licence
Issuance of a space land fence permit
Issuance of a occupancy permit for the site and occu
Issuance of a licence for repair or demolition of cons
Adding or modifying building components
Engineering reports
Commercial licensing



From our services in structural engineering



Surveying works



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Cadastral work.

Ever since we began, we've been aspiring to provide the best space engineering and geographic information systems services in the Kingdom. We seek excellence, which gives us the incentive to grow and gain customer confidence. And thanks to the latest technology and scanners, Our office has an initiative to provide a comprehensive range of cadastral engineering services.

Which includes...

- Topographic survey
- and expropriation
- Laser scans.
- Geographic Information Systems (GIS)
- Land radar survey services(GBS)
- Cadastral upgrading and updating of instruments
- Segregation and integration of land
- Signature of rule points and pillars
- Sorting of real estate units
- Scan planning.

Our office provides a special section for Kadder Hindi for project management services and application of knowledge, skills and tools Engineering techniques for project activities with state-of-the-art techniques to meet project requirements

- Risk reduction
- Analysis and risk management capacity
- Managing time and making a schedule for the project.
- High degree of follow-up achieved owing to planning of activities
- Good planning for all project items
- Quality of industry and decision-making

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MEP

An important role in sustainability where systems can help.

Sustainable reduction of energy and water consumption, thereby reducing the environmental impact of buildings

Here are some ways in which MEP services can support sustainability.

Use of energy-saving systems

Sustainable systems can use energy saving techniques, such as LED lighting and high-efficiency air conditioning systems, to reduce energy consumption

Use of water management systems: Sustainable systems can use water management techniques, such as drip irrigation and reuse systems

Water, to reduce water consumption

Use of sustainable materials and products: services for the selection of sustainable materials and products for use in facility systems, such as solar panels

Land heating systems

Below are some examples of the importance of services and sustainability.

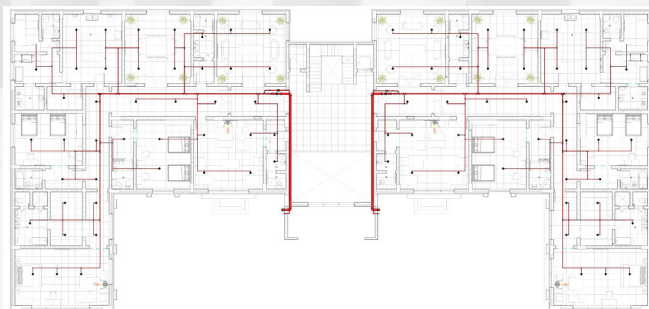
In residential buildings: sustainable systems in residential buildings can help reduce energy and water bills, thereby saving money for the population

In commercial buildings: sustainable systems in commercial buildings can help firms reduce operating costs and thus improve profitability

In industrial buildings: sustainable systems in industrial buildings can help reduce carbon emissions, thus contributing to the fight against carbon emissions

Climate change

Through the use of sustainable services, our office aims to reduce the environmental impact of buildings and achieve sustainability goals.



MEP Service

Our office services are not limited to architectural and construction designs, but also to MEP services. (Mechanical, Electrical and Plumbing)

Engineering services related to building facilities systems, including the design, implementation and maintenance of heating, ventilation and air conditioning systems (HVAC), electrical systems, plumbing systems.

MP Services play an important role in ensuring the safety, comfort and efficiency of buildings. It is responsible for providing energy, ensuring appropriate ventilation, providing clean water and removing waste.

The services of MP include a wide range of tasks, including:

Design: This phase includes the development of drawings, charts and tables showing how facility systems work.

Implementation: This phase includes installation and testing of facility systems.

Maintenance: This phase includes the restoration and preventive maintenance of facility systems.

The following are some examples of the services of MEP:

Design and installation of central air conditioning system.

Design and installation of electrical lighting system.

Design and installation of plumbing system.

Design and installation of the fire control system.

Design and installation of the ventilation system.

MP services play an important role in the development of buildings and infrastructure. They are necessary to ensure the safety, comfort and efficiency of buildings.

MEP services ensure that no problems are encountered during implementation to link all architectural, structural, electrical and mechanical designs.

From our projects



The most prominent of our projects.

Physical planning

- Development of a strategy for physical development
- Preparation of city-wide planning studies and age plans
- Development of urban and rural town and village physical and structural plans
- Urban planning
- Park design and parks
- Design of parks and recreational swimming grounds

Architectural designs

- Administrative and commercial projects
- Educational projects
- Entertainment projects
- Design and construction of mosques
- Medical projects
- Fuel plant design
- Housing project design
- Internal design

From our projects

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Design of administrative and commercial buildings

We care that design is cost-effective and user-friendly, as well as sustainable.

In the design, we take into account Saudi Arabia's construction requirements, the Saudi code for the type and uses of the building.

Safety: The building must be designed to ensure the safety of emergency users and include safety standards
Fire control systems, alarm systems and access systems
Design: The building must be designed in an attractive manner and the design must reflect the character of the company or brand represented by the building

Sustainability: Sustainability criteria should include the use of environmentally friendly materials and techniques
Location of building: The location of the building must be selected in an accessible manner by staff and clients

Size and form: The size and shape of the building must be commensurate with the needs of the enterprise

Materials used: High-quality building materials, long-lasting
Lighting and ventilation: Lighting and ventilation must be good in the building, to provide a comfortable environment for users
Architectural design plays an important role in business and management success, productivity improvement and brand enhancement

Companies projects



Companies projects

The design of corporate buildings includes reception, office, meeting rooms, utilities, staff lounges and other common spaces. In addition, designers must also be able to deal with local laws and regulations and environmental sustainability. To ensure proper application of safety and construction laws, the architectural design of companies aims to create comfortable and functional space for work and clients. Promoting identity, corporate branding, enhancing creativity, productivity and staff comfort.



Commercial projects



Design of commercial and administrative buildings



Jeddah Central Library



Design of educational buildings

Under Saudi Arabia '

2030 vision, there is an important role in improving students ' experience and education. In the reign of King Salman, kept by God, and by the Crown Prince Muhammad the son of Salman, kept by God, eager that the educational buildings be designed to promote learning, creativity and culture. It takes our office into account during the design of educational buildings.

Educational environment:

The educational environment must support learning and growth and educational buildings must be bright, well ventilated and equipped with state-of-the-art techniques

Area:

Educational buildings must provide sufficient space for students and teachers to learn and work and educational buildings must be flexible

Enough to accommodate a variety of educational activities

Safety: Educational buildings must be safe for students and teachers and educational buildings must meet established safety standards

Sustainability:

Educational buildings must be environmentally sustainable and educational buildings must use environmentally friendly building materials and techniques. One of the recent trends our office is taking care of in the design of educational buildings.

Sustainable design:

Sustainable design focuses on the use of environmentally friendly building materials and techniques and can help reduce the environmental impact of educational buildings

Flexible design: Flexible design focuses on creating spaces that can easily be adapted to meet diverse needs and that can help promote learning and creativity Student-oriented designs: student-oriented designs focus on creating spaces that meet students ' needs and can help make education more attractive and effective





Technology and Programming Complex



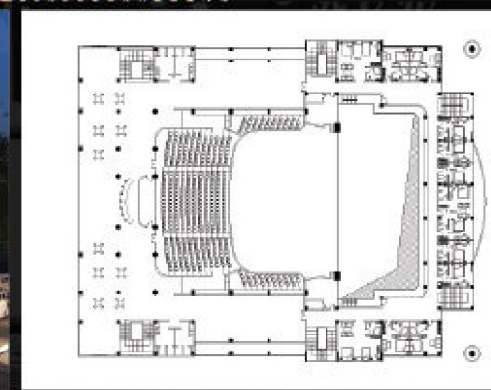
Theater designs

We always focus on designing theatres to make flexible designs that meet the diverse needs of the public. And environmentally friendly designs that help reduce the environmental impact of the theatre using materials and techniques. Modern to the sounds and technical presentation methods. We are also keen to make special designs that reflect Saudi heritage identity. We also make sure that the theater is designed to enhance vision, audio and participation. These designs help to make the theatre more attractive and interactive to the public.





Entertainment projects



Zahwa Castle



*Design
meets
the future*

Bosands Castle





Sports designs

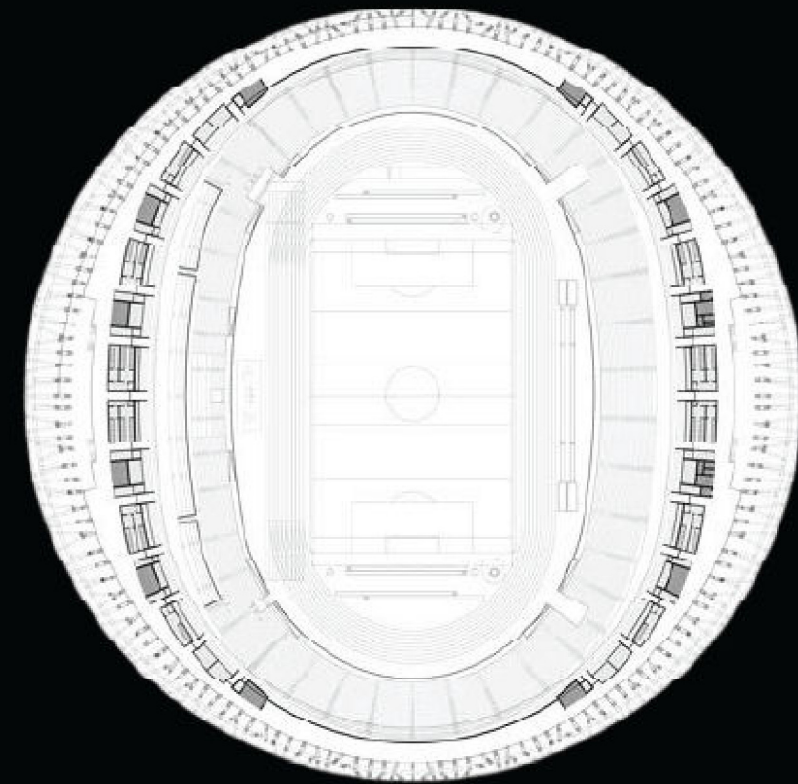
Our office is keeping pace with technological advances in the construction of modern sports buildings with internal and external designs that are open and comfortable and allow for the entry of natural air and light.

They also use environmentally friendly building materials and techniques, which help to reduce the environmental impact of sports buildings.

We are also working on renewable energy systems such as solar panels or wind turbines and energy efficiency systems.

We are also characterized by flexible designs such as convertible fields that can be converted from a football stadium to a basketball court or a gymnasium.



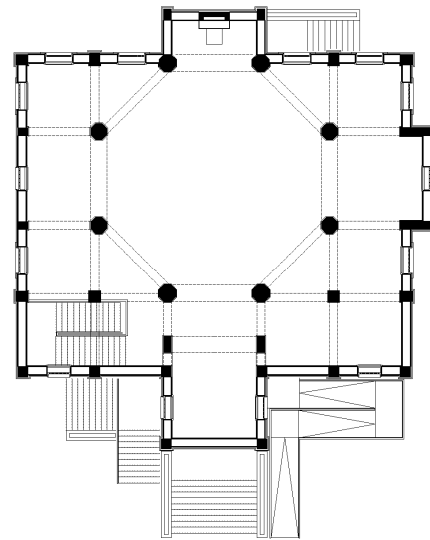


AlMada'in Stadium

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Islamic projects

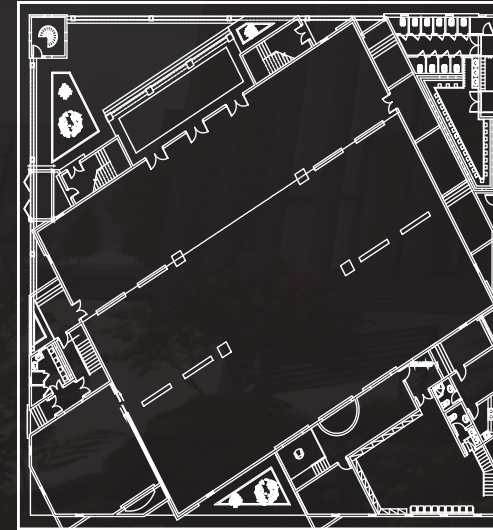


Mosque designs

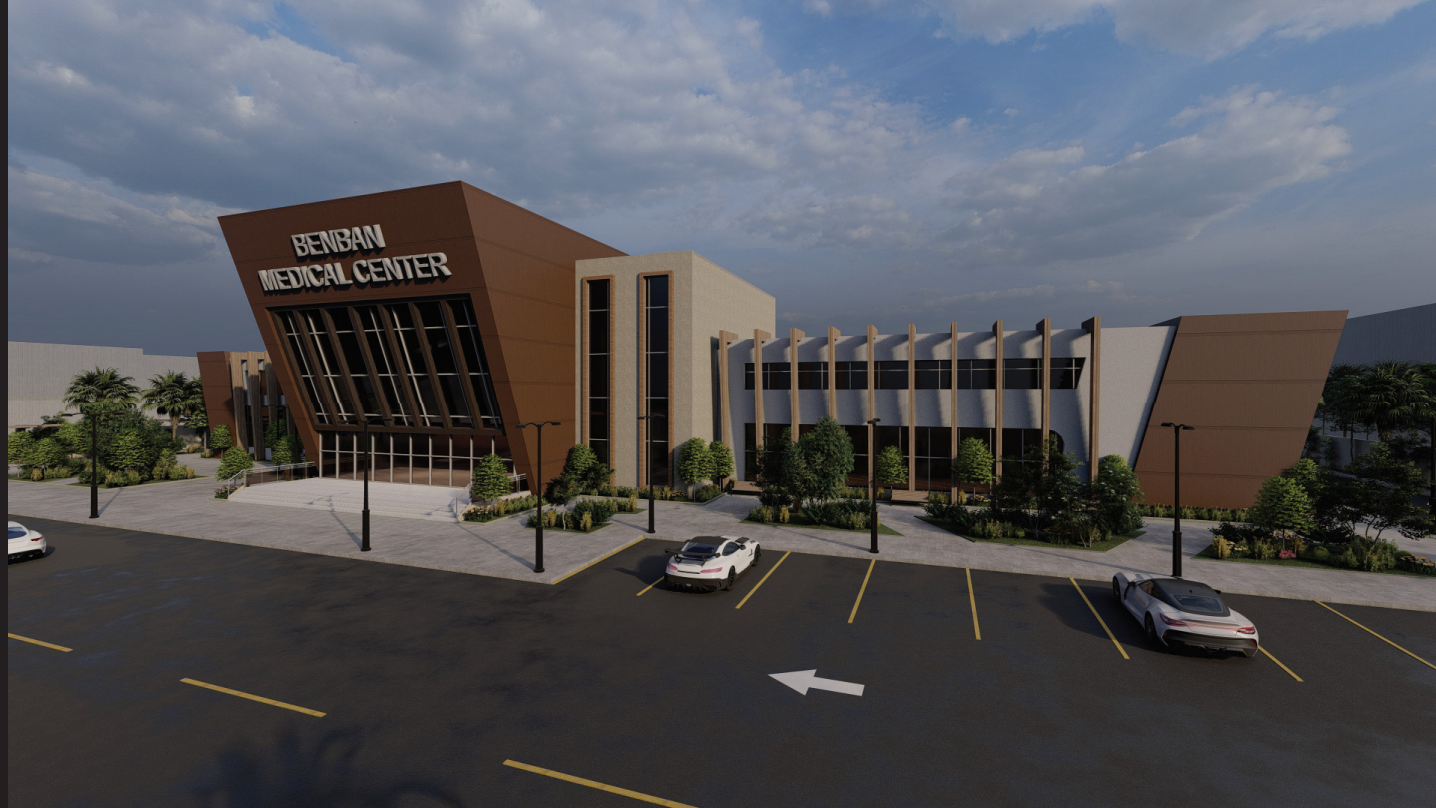
Mosques are characterized by a variety of architectural and decorative elements that reflect the diverse architectural character of our precious country.

The mosque 's design is characterized by the application of the principles of Islamic art and considers Islamic art to be an important part of the cultural heritage of Islam.

Saudi Arabia, therefore, contributes to providing effective and innovative solutions for building and developing mosques



Medical projects



Design of health centres and clinics

We work on building and developing health projects in a team that specializes in all branches of engineering.

Therefore, the Office designs and implements health projects, whether hospitals, health-care centres or clinics

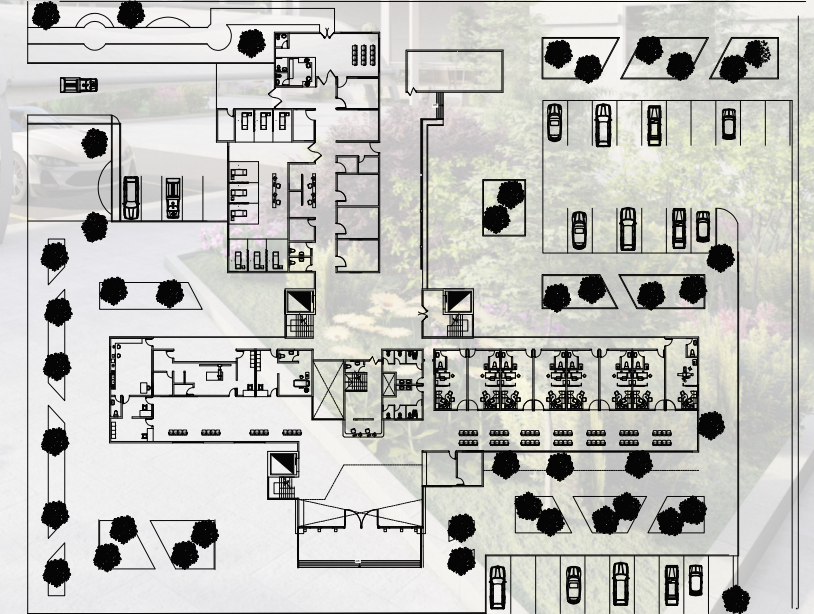
Medical, needs analysis, project design. The Office is also working to provide pioneering and innovative solutions to

improve the health environment and develop medical services. The team designs appropriate ventilation and air

conditioning systems, medical waste management systems, fire safety and protection systems. The Office of

Mohamed Nasser Al-Hajouri aims to provide integrated and innovative solutions in building health projects to

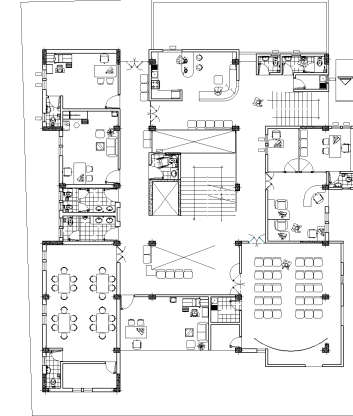
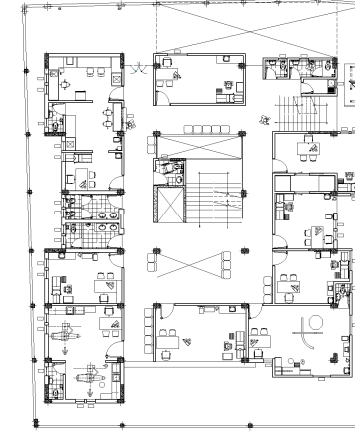
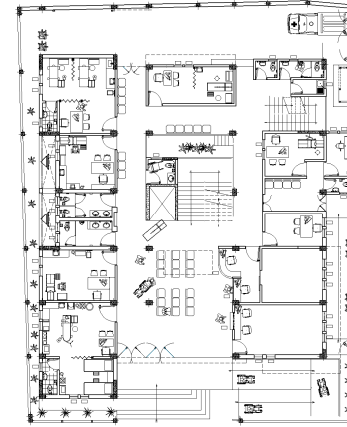
strengthen the health environment and improve health-care services.



Medical projects



AL NAHKIL MEDICAL







Architectural design of fuel plants

Includes a set of design considerations and requirements that contribute to improving the functionality of the plant in all its categories A, B, C

We suggest several design elements to be taken into account.

- **External interface:** the front of the station must be attractive and special, using striking colours and special identity from the station's logo clearly and with a high profile.
- **Station:** the plant must be designed in an efficient and orderly manner, with appropriate facilities for fuel filling, car washing, oil switching, etc.
From services available at the station
- **Positions and safety:** adequate customer positions must be allocated and there must be clear user signs and guidance for safety and mitigation
From car accidents.
- **Technology and facilities:** state-of-the-art techniques at the gas station, such as electronic propulsion system, customer interactive screens, safety control systems, etc.
- **Sustainability and the environment:** the plant must be designed to be environmentally friendly and ensure reduced energy consumption and sustainable waste management



Residential projects



Design of residential buildings

The architects of our office are keen to innovate and sustain the production of residential designs with various architectural parcels, according to the Saudi building code. The integration of architectural heritage with our modern designs, reflecting our history, culture and values. In Vision 2030, the Kingdom seeks to preserve and promote this heritage. An example of the integration of the art of architectural heritage into modern buildings in the Kingdom of Saudi Arabia is the village of heritage in Dar'a, one of the most important heritage sites in the Kingdom, which has been renovated and developed to preserve its architectural heritage and many other sites in our precious country. We are also interested in sustainable architectural design that helps reduce the environmental impact of buildings, including greenhouse gas emissions and energy and resource consumption.



Moroj vila



Anoad ViLa





Eden project



al narjes project



Al Sultana project



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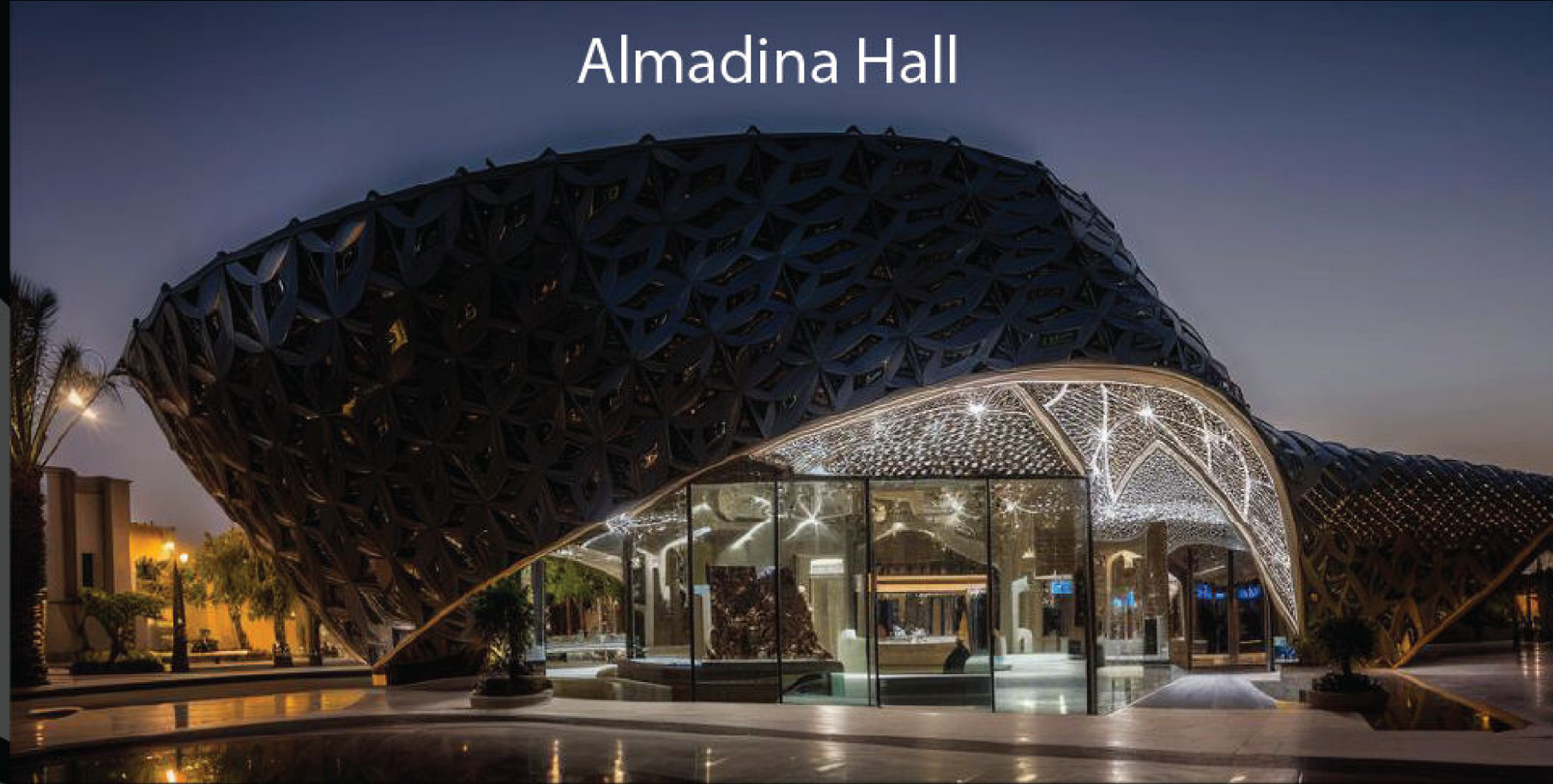
HOGORI HOTEL



AlMasa Hotel



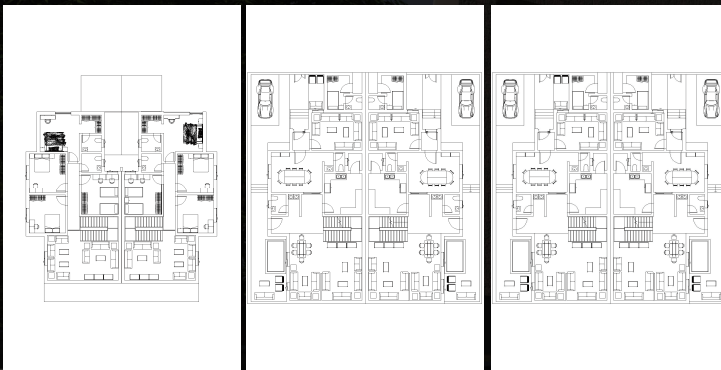
Almadina Hall



Hoor Hotel



Amasya Compound



Roshan Villa

A Design That Represents Our Culture

By: Al Hogori Office

on area 501 m2



The Art of Saudi Architectural Heritage

The art of Saudi architectural heritage continues to grow and develop in the years to come. With increased awareness of the importance of preserving cultural heritage and sustainability, among the most important types of architectural heritage art:

Salmani style.

A distinctive architectural and architectural model can be monitored for starting to shape it by monitoring the efforts and personal orientation of the Custodian of the Two Holy Mosques, King Salman Bin Abdulaziz. One of the characteristics of this model is its vitality, flexibility and instabilities with specific elements and individualities, and it also supports a new architectural pattern that accommodates modernity and looks to the future.

Self-style, code, valley and Hanifeh.

In recent years, there has been a resurgence of the saviour model, owing to the growing interest in Saudi cultural heritage. Modern architectural standards based on the navigative model have been developed with a view to preserving and promoting Saudi architectural heritage. The Hanifa Valley method contributes to strengthening Saudi national identity, improving quality of life and promoting environmental sustainability. This method is expected to contribute to the development of the Saudi architectural sector and to the improvement of the quality of buildings in the Kingdom of Saudi Arabia.

The Saudi Code and the architectural character of Saudi Arabia define a set of criteria and requirements to which all buildings in Saudi Arabia must conform. These standards and requirements are aimed at ensuring the safety and public health of the population, protecting the environment and promoting Saudi architecture. The rationalization of energy and modern architecture can have a positive impact on Saudi architecture by giving a modern and global touch to the Saudi physical landscape and by promoting architectural diversity in Saudi Arabia.



Architectural heritage art



Land Scape

Park design

Park design can have significant environmental benefits, from reducing carbon emissions to improving air and water quality. Through the use of sustainability techniques, designers can create public parks that provide benefits to society and the environment.

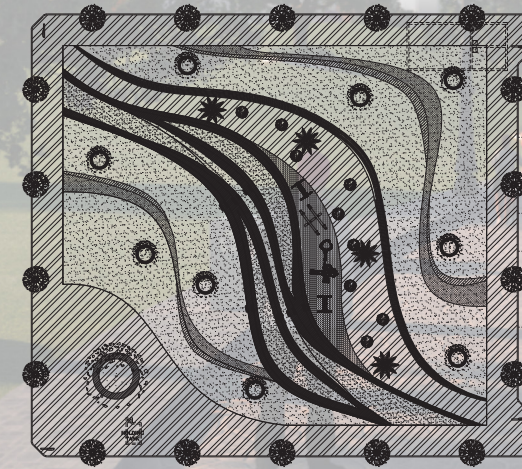
Some sustainability techniques that can be used in the design of parks include:

Use of local plants: Local plants can help reduce water and fertilizer requirements.

Use of effective irrigation systems.

Use of sustainable building materials: Sustainable building materials can help reduce pollution.

Solar use: Solar energy can help reduce carbon emissions.





Environmental measurements

Noise measurement and measurements of suspended minutes in air

Measurement of flue emissions and monitoring of gas pollutants

Monitoring and control of pollution for air quality of the surrounding environment

Particle and plankton in the air.

Monitoring and control of noise pollution of the surrounding environment

Monitoring and control of pollution of fugitive gases

Monitoring and control of pollutants from chimney source

Withdrawal and analysis of groundwater

Soil analysis



Achieving the concept of environmental sustainability

Provide solutions to reduce levels of air pollution from gases and soils

Environmental supervision of enterprises

Preparation of the environmental register and the register of hazardous substances and wastes

Environmental studies and advice on environmental conservation

To protect them in accordance with the regulations and regulations of the National Centre for the Control of Environment

Provision of workshops and studies that contribute to the solution of environmental problems

Preparation of reports and studies in the field of the environment and supervision and\ follow-up of its implementation

Contingency plans

Environmental impact assessment studies

Preparation of environmental commitment registers

Preparation of environmental management plans

Preparation of environmental audits

Preparation of environmental reports

Preparation of rehabilitation studies for damaged sites and remediation of contaminated soil

Advice in meeting the requirements of the National Centre

Waste management for issuance of permits (collection and transport of waste

Provisional storage of recyclable wastes\

sustainability

TOGETHER WE CAN STOP

GLOBAL

WARMING

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Sustainability

One of the objectives of our office is to apply sustainability in architecture designs in particular and engineering branches in general through the use of design techniques

Materials, energy and development areas that do not harm the ecosystem or surrounding communities to achieve sustainability in design and ensure that actions taken

Today has no negative consequences for future generations, and compliance with the principles of social, economic and environmental sustainability

Sustainable architecture means environmental factors.
Considering the benefits of sustainable architecture,



Conservation and recovery of natural resources

Reducing energy consumption and recycling of waste

Protection of ecosystems and biodiversity

Improving air and water quality

Reducing long-term costs and reliance on traditional energy sources

Improving the productivity of the population

Promotion of asset and property values

A competitive advantage.

Improving living and health conditions and providing comfort to the population

Improving air and water quality

Reducing demand for local infrastructure

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Appropriations for the Office

Success Partners





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Standard number

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