المبدعون العرب
للاستشارات الهندسية

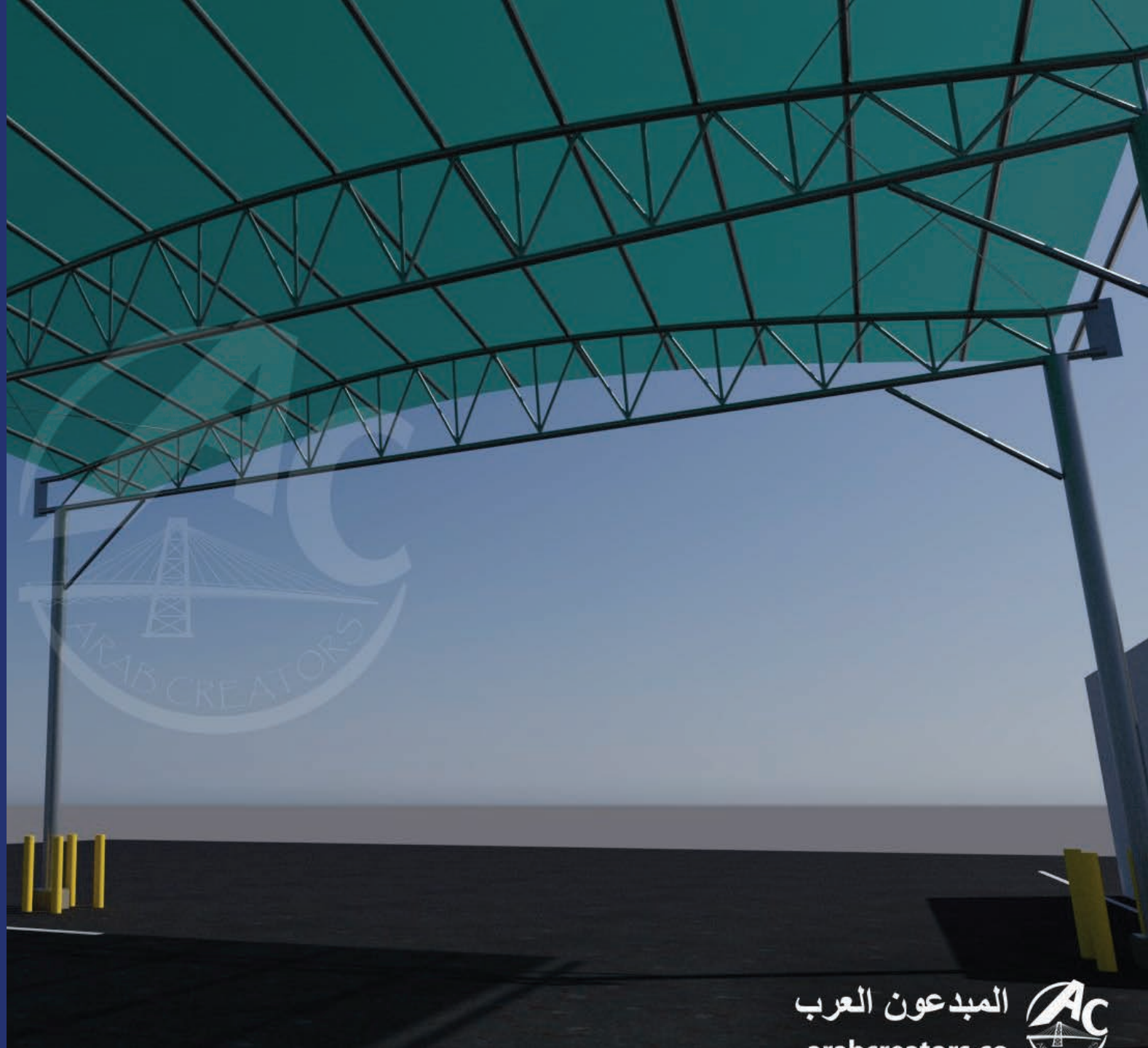
Arab Creators for Engineering Consultancy

Company Profile Structure and Shop Drawings

2026

الملف التعريفي الإنشائي والشوب دروينج

Cairo · Riyadh · arabcreators.co



CONTENTS

What this profile covers

ما يضمه هذا الملف

01 **About us and how we work** 03
من نحن ومنهجيتنا

02 **Team and where we work** 06
الفريق ونطاق العمل

03 **Engineering disciplines** 08
التخصصات الهندسية

04 **Deliverables and prices** 11
المخرجات والأسعار

05 **Track record** 13
سابقة الأعمال

06 **Contact** 23
تواصل معنا



ABOUT US

One engineering office for design, take-off and pricing, answerable for all of it

مكتب هندسي يجمع التصميم والحصر والتسعير تحت مسؤولية واحدة

Arab Creators began in Cairo as an engineering office supporting projects in Saudi Arabia with design, quantity surveying, pricing and tender preparation.

Today the office covers every discipline: architectural and interior design, structural and steel design, MEP, shop drawings, quantity take-off and pricing, health and safety, and planning and contracts.

The office is led by Eng. Ahmed Fathy Elsherbini, a civil engineer who has managed projects in Saudi Arabia and Egypt for more than ten years, and a member of the Saudi Council of Engineers and the Egyptian Engineers Syndicate.



Office interior design, Jubail 2026

OUR TEAM'S EXPERIENCE

10+

years of project management experience

سنوات من الخبرة في إدارة المشاريع

800+

SAR million, cumulative value of projects the team worked on

مليون ريال قيمة المشاريع التي شارك فيها الفريق

50+

projects across pricing, studies and execution

مشروعًا بين تسعير ودراسة وتنفيذ

WHAT WE COMMIT TO

Four principles on every project

أربعة مبادئ في كل مشروع

01

Accuracy

الدقة

Quantities are measured from drawings; any estimate is labelled as such.

02

Documentation

التوثيق

Every item is traced back to its drawing, page and source.

03

Independent review

المراجعة المستقلة

A second engineer checks the quantities and formulas before anything goes out.

04

Delivery commitment

الالتزام بالتسليم

We set the delivery date at the start and send progress reports as we go.

Where every figure comes from

Three labels shown next to every key figure

Verified

مؤكَّد

From a drawing or specification actually read, with the drawing number and page.

Benchmark

مرجعي

From a named and dated price source or standard.

Estimate

تقديري

From first principles where no document exists, and stated as such.

HOW WE WORK

Four stages from receiving the drawings to delivery

أربع مراحل من استلام المخططات حتى التسليم

01

Scope definition

تحديد النطاق

- Full reading of drawings and specifications
- Register of drawings received and their revisions
- List of gaps and queries before starting

02

Documented preparation

الإعداد الموثّق

- Take-off with drawing number and page for each item
- Reference sheet of the dimensions used
- Each figure labelled by its source

03

Independent review

المراجعة المستقلة

- Second check of quantities and formulas
- Check against specifications and code
- Log of review comments and their close-out

04

Delivery and support

التسليم والدعم

- Editable native files
- Summary of assumptions and exclusions
- Support until award or project close-out

Unit rate build-up with live Excel formulas

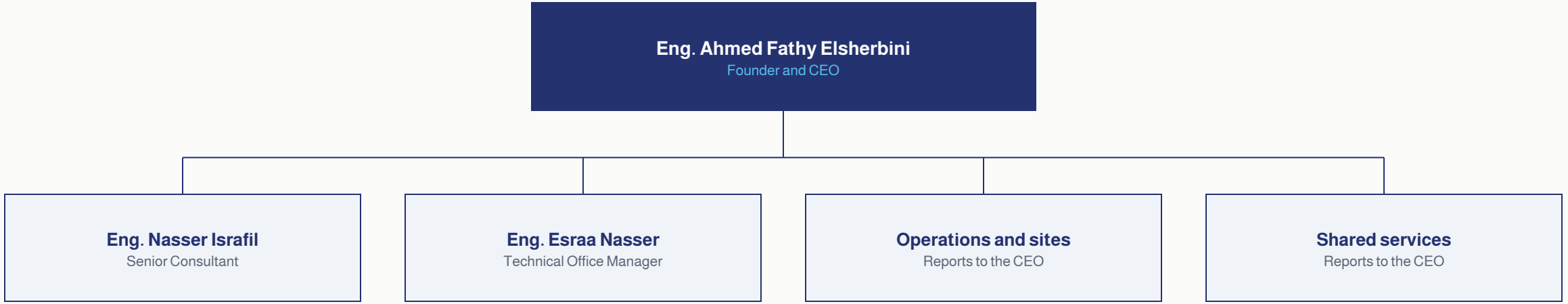
Materials M	+	Labour L	+	Equipment E	=	Direct cost	+	Indirect %	+	Profit %	=	Sell price

No result cell is typed by hand: change any percentage and the item and the total update at once.

MANAGEMENT TEAM

Organisation chart

Who runs the office, and which department handles what.



- Technical review of designs and engineering solutions
- Engineering consultancy for projects

- Quantity surveying and pricing
- Planning and scheduling in Primavera P6
- Tenders and contracts
- Architectural and interior design, 3D visuals

- Project execution and site supervision
- Quality assurance and control (QA/QC)
- Occupational health and safety
- Rope access and industrial coating

- Human resources
- Finance
- Information technology
- Marketing and advertising

WHERE WE WORK

Engineering office in Cairo, delivery and coordination in Riyadh

المكتب الهندسي في القاهرة، والتنفيذ والتنسيق في الرياض

Cairo

HQ

Head office and engineering office, 15th of May City

Riyadh

36

Delivery base, site visits and project coordination; 36 projects in our track record

Jubail

14

14 projects in our track record

Jazan

9

Nine projects, port and government facilities

Working hours: Sunday to Thursday, 9:00 to 18:00 Riyadh time. We reply to every request within one working day.

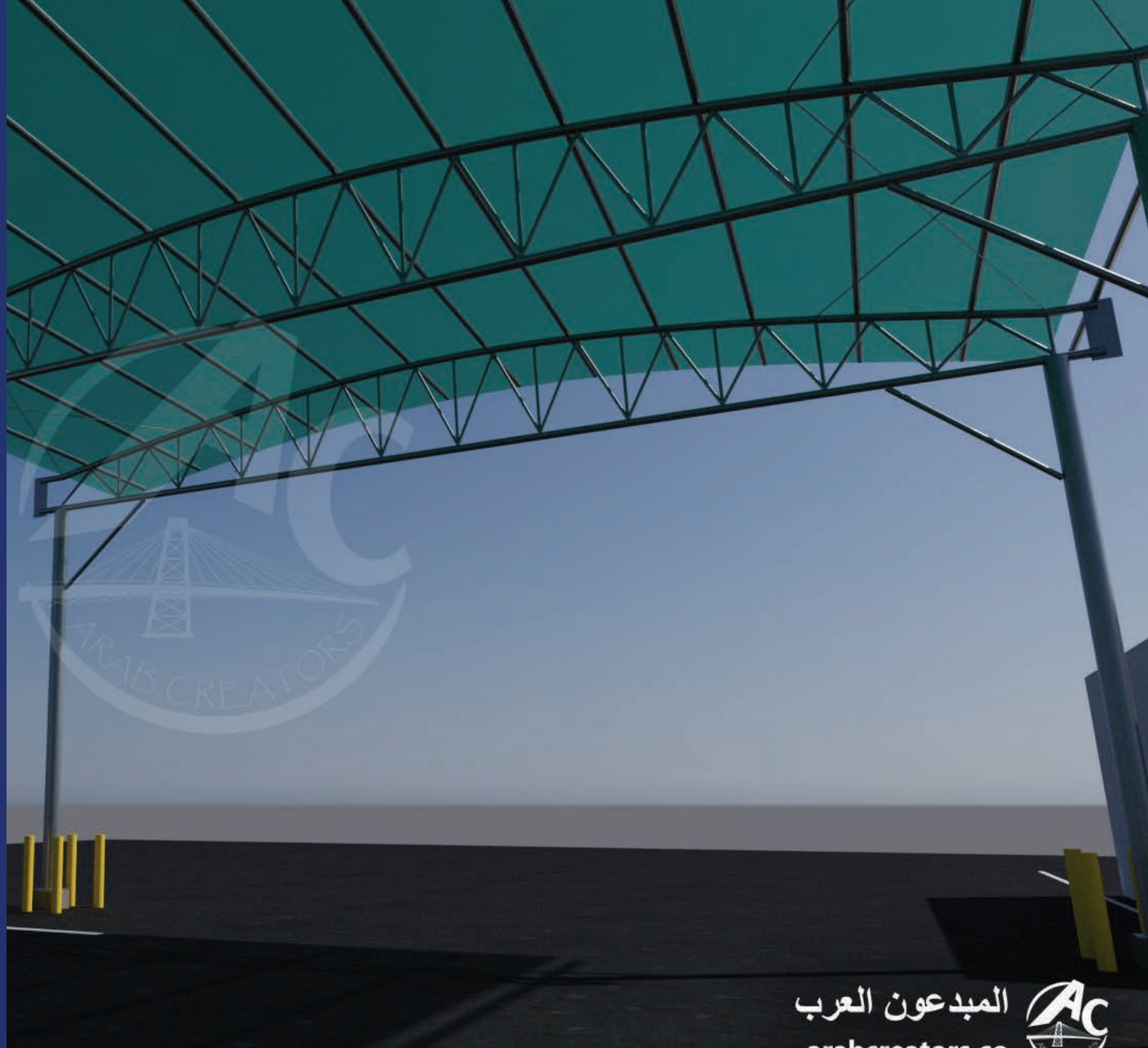


03

Engineering disciplines

التخصصات الهندسية

A full engineering office: from concept and design to shop drawings, bills of quantities and the programme.



DISCIPLINES

Nine engineering disciplines, one team

تسعة تخصصات هندسية بفريق واحد

01

Architectural design

التصميم المعماري

Concept and construction drawings with 3D visuals for presentation and approval.

02

Structural design

التصميم الإنشائي

Concrete buildings with ETABS and SAFE calculation reports and independent review.

03

Steel structures

المنشآت المعدنية

Hangars, warehouses, mezzanines and canopies, with IDEA StatiCa connection reports.

04

MEP design

MEP الكهروميكانيك

HVAC, plumbing, power, fire fighting and alarm, with a combined services drawing.

05

Shop drawings

المخططات التنفيذية

Shop drawings for every discipline, bar bending schedules and Advance Steel fabrication drawings.

06

Take-off and pricing

حصر الكميات والتسعير

Excel BOQs with a drawing reference per item and M+L+E rate analysis with live formulas.

07

Interior design

التصميم الداخلي

Space planning, materials and finishes, 3D visuals and construction drawings.

08

Health and safety

الصحة والسلامة المهنية

Project safety plans and a company safety system based on ISO 45001.

09

Project controls and contracts

ضبط المشاريع والعقود

Primavera P6 programmes, FIDIC contracts and tenders on Etimad.

DISCIPLINE

Structural, steel and shop drawings

الإنشائي والمنشآت المعدنية والمخططات التنفيذية

Structural design

التصميم الإنشائي

Concrete building design with ETABS and SAFE calculation reports, and independent structural review.

Deliverables: Calculation report and structural drawings.

ETABS · SAFE · AutoCAD

Steel structures

المنشآت المعدنية

Hangars, warehouses, mezzanines, canopies and steel buildings, with connection design reported in IDEA StatiCa.

Deliverables: Calculation report and construction drawings.

ETABS · IDEA StatiCa · Advance Steel

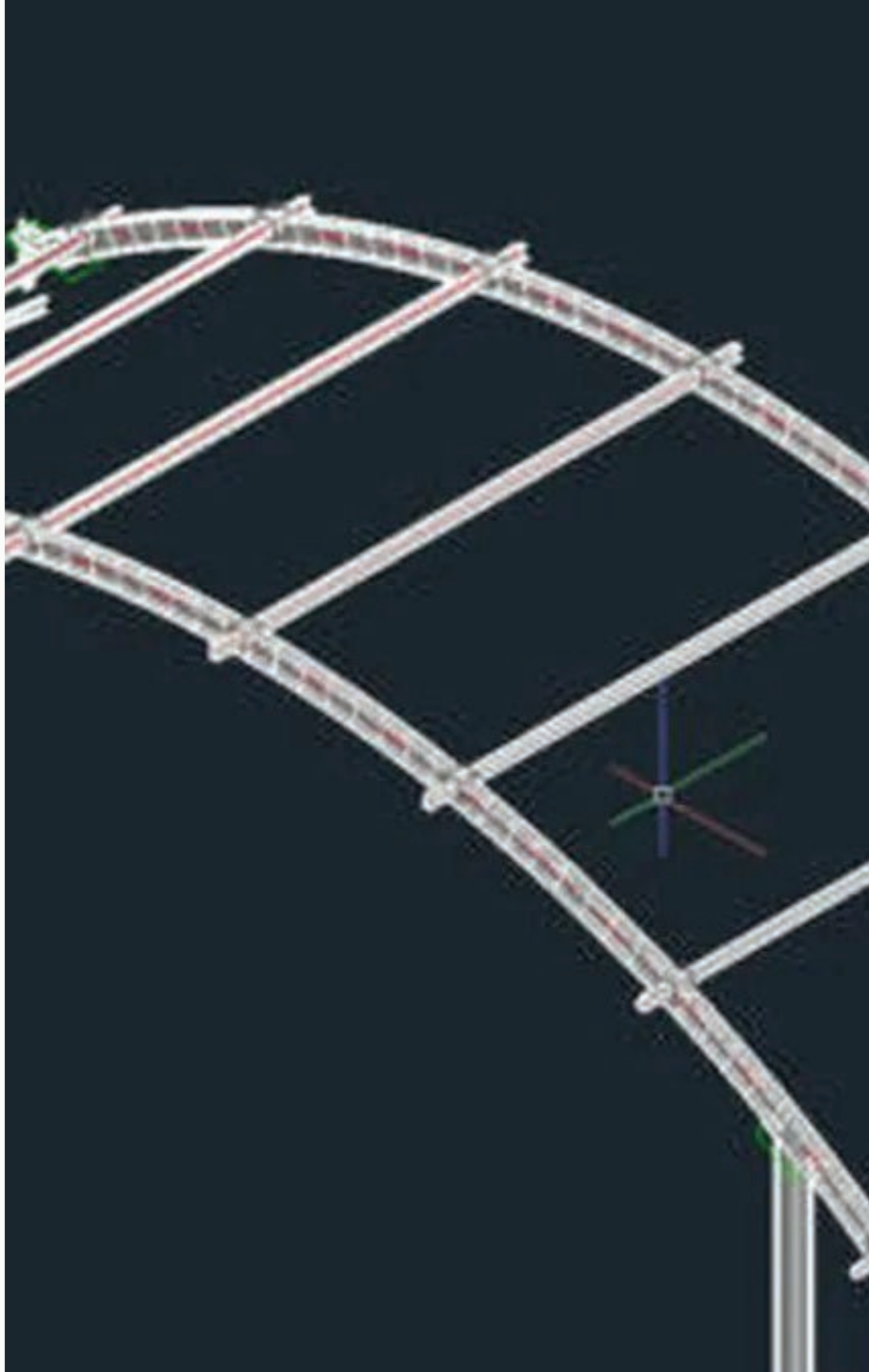
Shop drawings

المخططات التنفيذية (شوب دروينج)

Shop drawings for every discipline within 24 to 48 hours for villas and mid-size buildings, rebar drawings with bar bending schedules, and structural steel fabrication drawings.

Deliverables: Numbered A1 sheets, BBS, 3D model and material and bolt lists.

AutoCAD · Advance Steel



DELIVERABLES

Native files from the software itself, open to audit

ملفات أصلية من البرنامج نفسه، قابلة للتدقيق

What we deliver

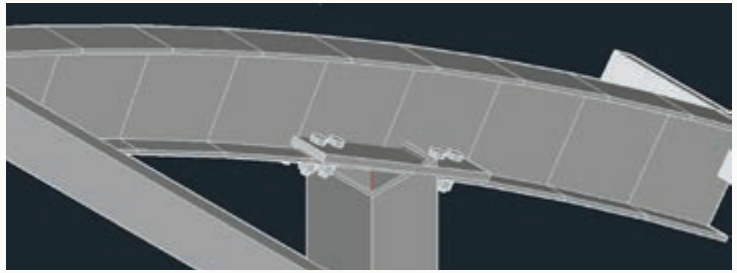
- Excel BOQs with live formulas and a drawing reference per item
- DWG and PDF drawings numbered to the drawing register
- Primavera P6 programme as XER plus PDF
- ETABS and SAFE reports and connection reports
- Advance Steel models and material lists
- High-resolution 3D visuals
- Safety plans and registers in Word and Excel

Software

- AutoCAD · Revit
- ETABS · SAFE
- IDEA StatiCa · Advance Steel
- Primavera P6
- 3ds Max · V-Ray
- Excel · Word
- InDesign · Illustrator

References

- Saudi Building Code SBC 2024
- ACI 318 · AISC 360-16 · ASTM
- NFPA 13 · 72 · 90A and Civil Defence rules
- ASHRAE 90.1 · IEC 60364
- BS EN 12944 · SSPC for coatings
- FIDIC 2017 · RICS NRM · AACE 18R-97
- RCJY and HCIS requirements



Advance Steel model and joints



3D visual of truck movement



Signboard checked in ETABS and SAFE

We work to these references as each project requires; this does not mean we hold a certificate from the issuing body unless stated. ISO 9001, 14001 and 45001: our procedures are built on their requirements.

PRICES

Published prices from our 2026 price list

أسعار معلنة من قائمة أسعار 2026

Service	Unit price (SAR)	Unit	Minimum (SAR)
Architectural shop drawings	165	A1 sheet	1,500
Structural shop drawings with BBS	195	A1 sheet	1,500
Steel structure design (connections 400 per type)	15	m²	8,000
Structural steel fabrication drawings	200	tonne	2,500

Prices in Saudi riyals before 15% VAT. Projects larger than the packages are priced by separate quotation.

Drawings that need an official stamp for a building permit or Civil Defence approval go through a licensed office in the project's country; ISO 45001 certificates are issued by certification bodies.

05

Track record

سابقة الأعمال

Selected projects we designed and built in Saudi Arabia, from concept to handover.

المبدعون العرب



TRACK RECORD

Published work register

سجل الأعمال المنشورة

No.	Project	Category	City	Year	Nature of work
01	Truck inspection canopy at a port facility	Structure and visuals	Jazan	2026	Structural design, drawings and 3D
02	Double-sided project signboard 3 × 3.4 m	Advertising	Jubail	2026	Design and structural calcs
03	Curved steel canopy in Advance Steel	Shop drawings, modelling	Saudi Arabia	2026	Modelling and fabrication dwgs
04	Concrete frame for a multi-storey tower	Structure	Riyadh	2026	Execution
05	Structural shell of a private palace	Structure	Riyadh	2025	Execution
06	Steel beams and cantilevers	Structure	Riyadh	2025	Execution
07	Arched concrete frames	Structure	Riyadh	2024	Execution
08	Villa structure: curved stair, raft and slabs	Structure	Riyadh	2026	Execution
09	Classical ornament in gypsum and GRC	Ornament and facades	Riyadh	2024	Execution
10	Classical palace with central dome	Ornament and facades	Riyadh	2023	Execution
11	Palace facade: circular portico and stone cladding	Ornament and facades	Riyadh	2024	Execution
12	GRC facade panel on a steel sub-frame	Ornament and facades	Riyadh	2025	Execution
13	Multi-discipline shop drawings, industrial building, 177 sheets	Shop drawings, modelling	Jubail	2026	Shop drawings, all disciplines
14	Federated Navisworks model and clash detection	Shop drawings, modelling	Jubail	2026	Modelling and coordination
15	Temporary excavation barrier with stability calculation	Structure	Jubail	2026	Design and structural calcs
16	Bronze statue on a carved base: shop drawings and anchorage	Shop drawings, modelling	Saudi Arabia	2026	Design and structural calcs

Items marked “Execution” are site execution by our team in Saudi Arabia. Client names are withheld for privacy unless published with permission. The full register of more than 80 items is in our Track Record Statement.

01 SHOP DRAWINGS

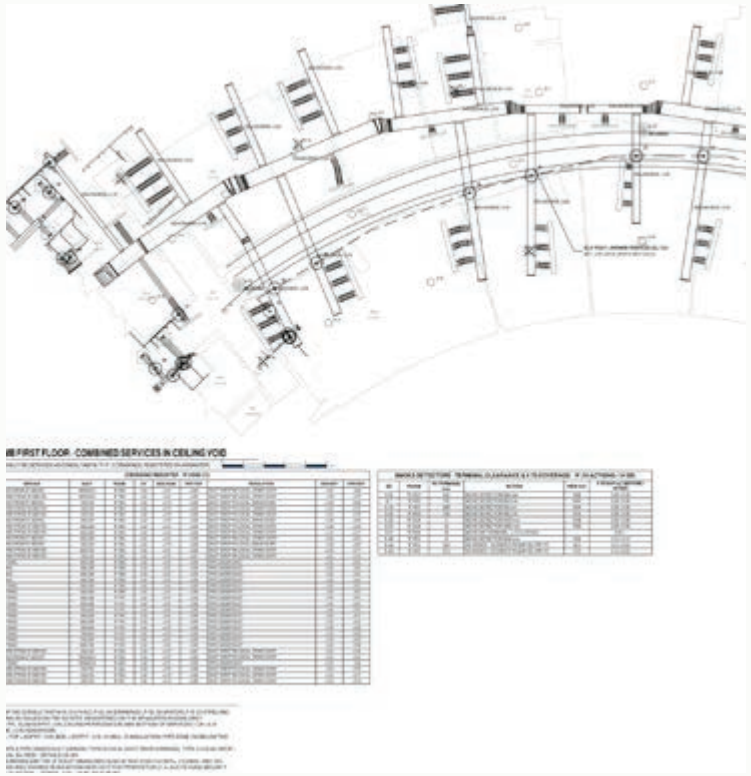
Multi-discipline shop drawings for an industrial building

شوب دروينج لكل التخصصات لمبنى صناعي

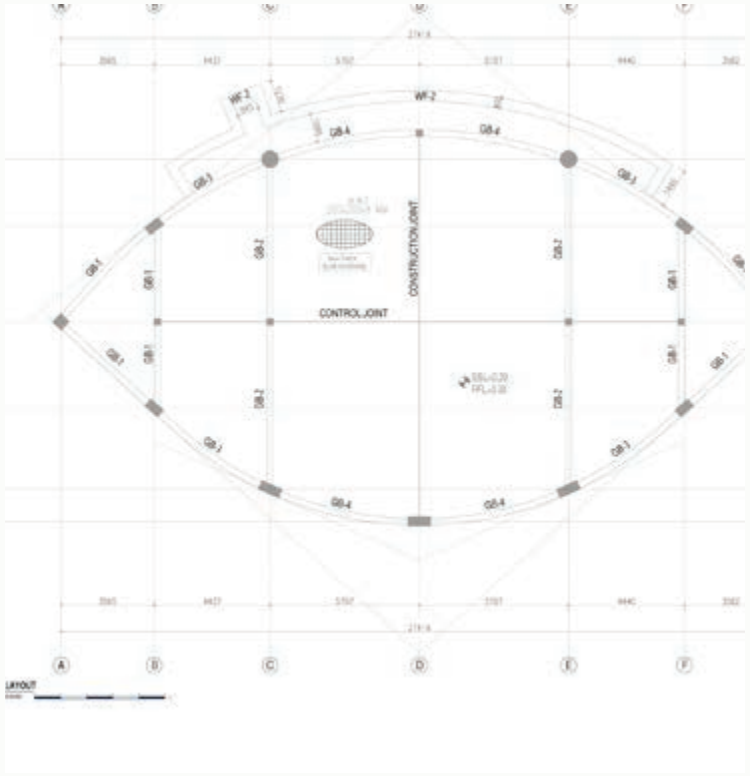
Jubail · 2026

177 sheets issued on the office sheet in ten sets covering architecture, structure, steelwork, electrical, HVAC, plumbing, fire fighting and combined services, with the drawing register, the transmittal and a check of every sheet before issue.

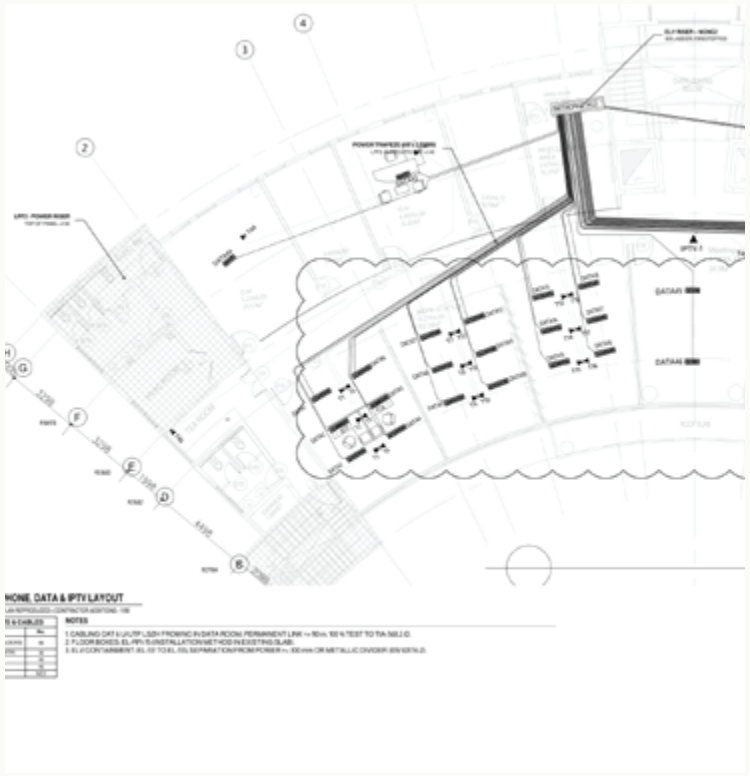
Shop drawings, drawing register and RFIs



Combined services



Structure



Electrical

02 BIM COORDINATION

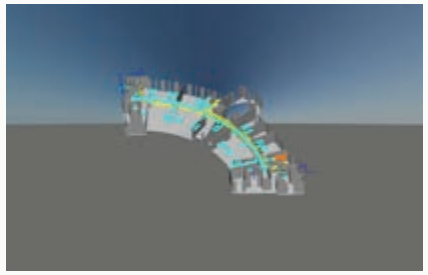
Federated Navisworks model and clash detection

نموذج Navisworks موحد وكشف التعارضات

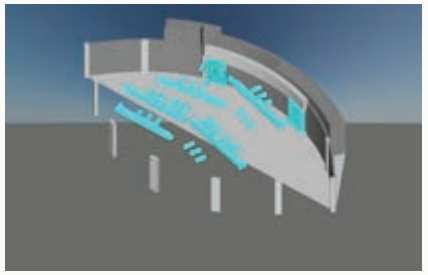
Jubail · 2026

A federated model built from every discipline’s shop drawings, with clash tests between architecture, structure, electrical, HVAC and plumbing, a clash register and report, a link to the programme, and RFIs on levels before construction.

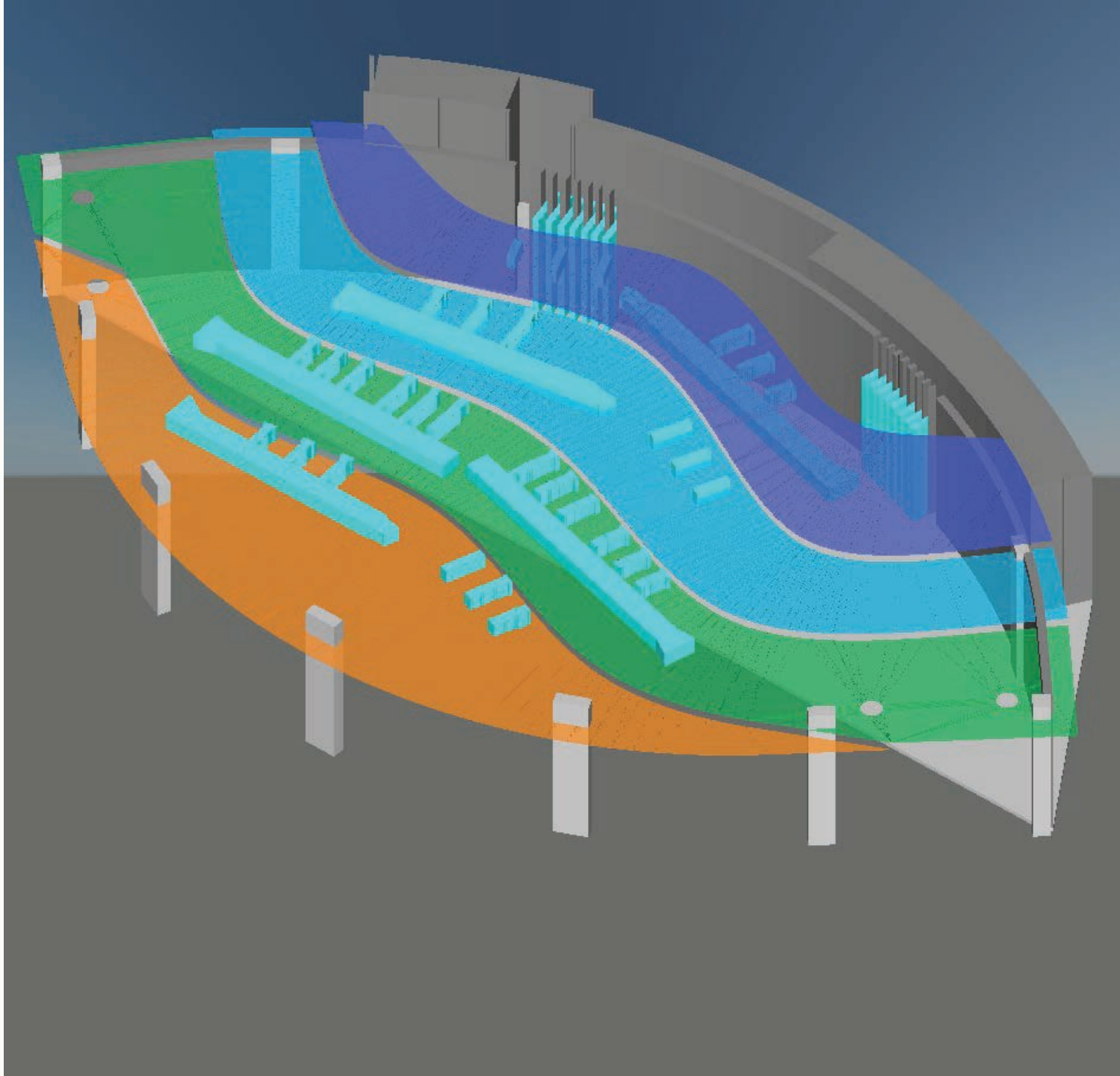
Modelling and multi-discipline coordination



Ground floor



Hall: columns and slab



03 SHOP DRAWINGS

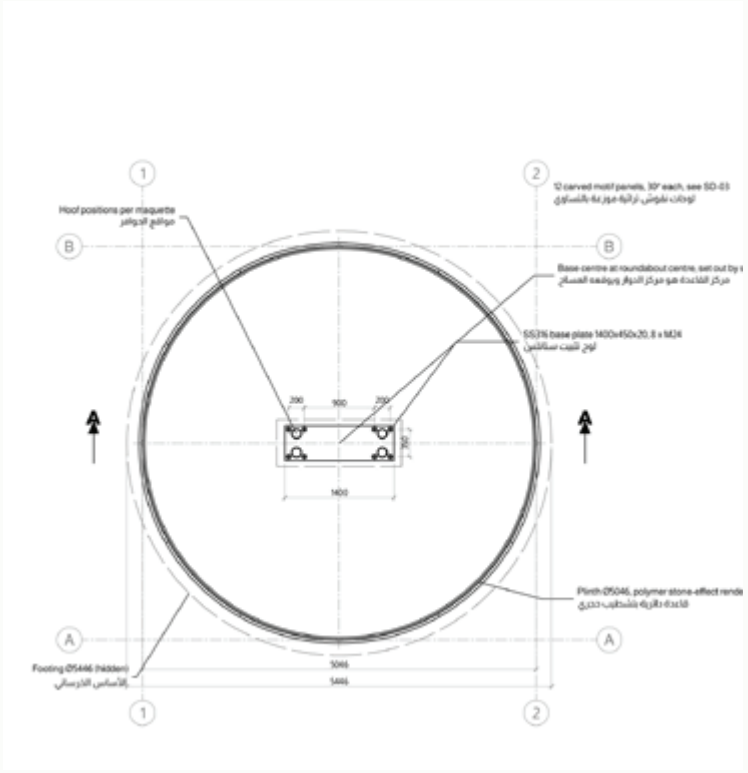
Bronze statue on a round carved base

تمثال برونزي على قاعدة دائرية منحوتة

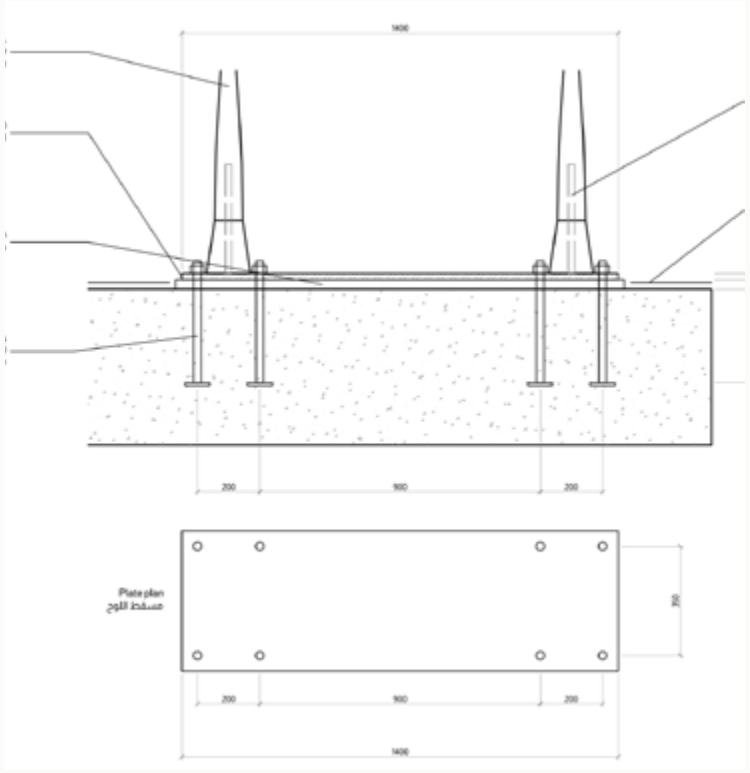
2026

Five shop drawings for setting-out and axes, base and reinforcement, carved patterns, anchorage with M24 SS316 bolts, and statue elevations with the material schedule, plus an anchorage calculation for 42 m/s wind.

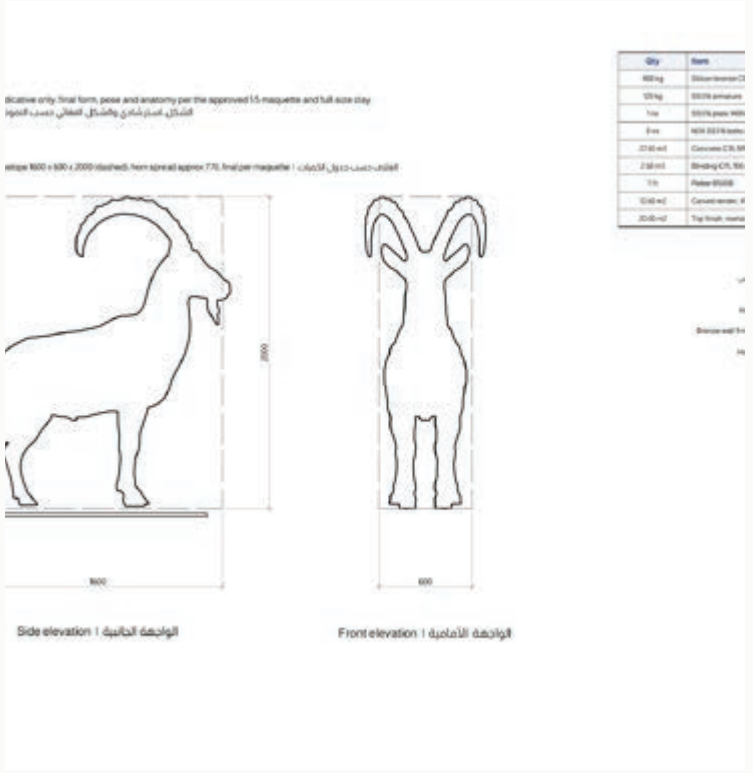
Shop drawings, anchorage calculation and pricing



Setting-out



Anchorage



Elevations and schedule

04 STRUCTURE AND VISUALS

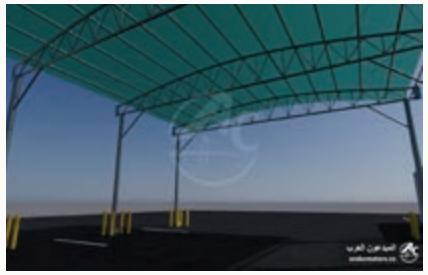
Dangerous-goods inspection shed and truck canopy

مبنى فحص البضائع الخطرة ومظلة الشاحنات

Jazan · 2026

Structural design and 3D visuals of a steel truck-inspection canopy, with 3D visuals of the dangerous-goods inspection shed and an aerial view of truck movement around it.

Design, 3D visuals and project management



Steel frame from inside



Inspection shed and trucks



05 PROJECT SIGNBOARDS

Project signboard: design, visuals and structural calculations

لوحة مشروع: تصميم وإخراج وحسابات إنشائية

Eastern Province · 2026

A double-sided 3000 × 3420 mm board: artwork for both faces, 3D visuals in 3ds Max and V-Ray, six A1 AutoCAD construction sheets, wind and foundation checks in ETABS and SAFE with stress ratios below 0.6, and solar lighting. Images are 3D visuals, not post-installation photos.

Design and structural calculations



Solar lighting at dusk



By day and at dusk

06 SHOP DRAWINGS AND MODELLING

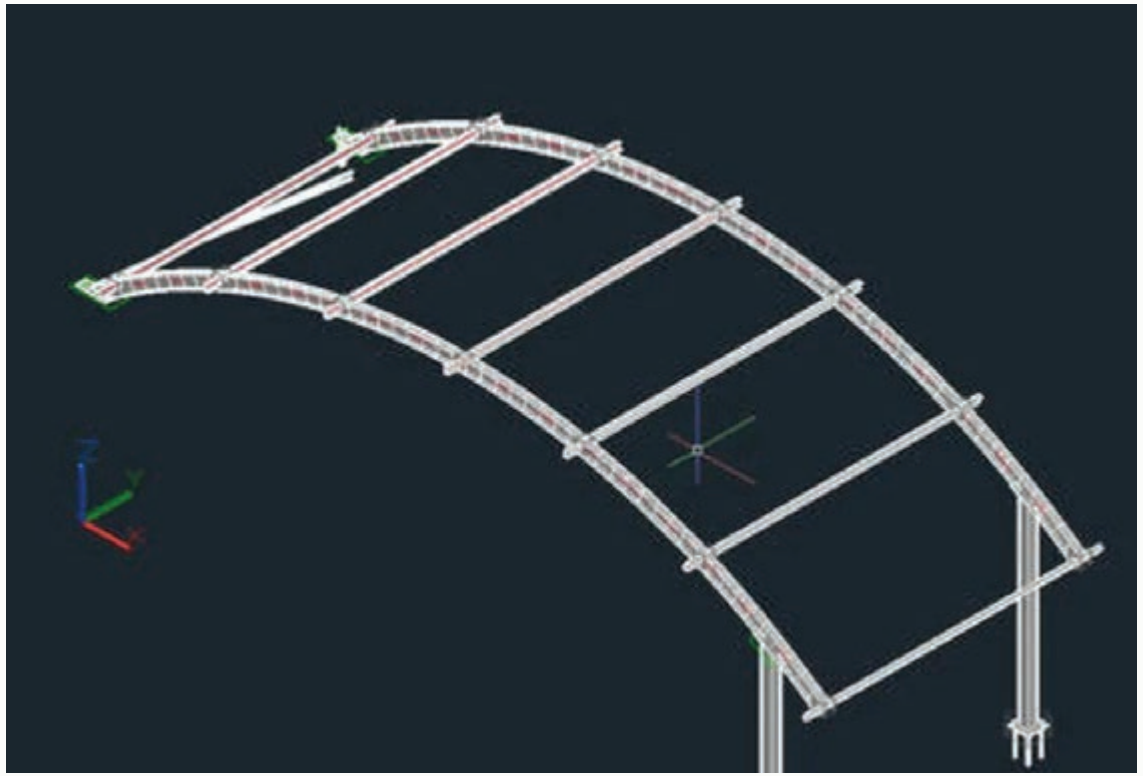
Curved steel canopy: model and fabrication drawings

مظلة معدنية مقوسة: نموذج ومخططات تصنيع

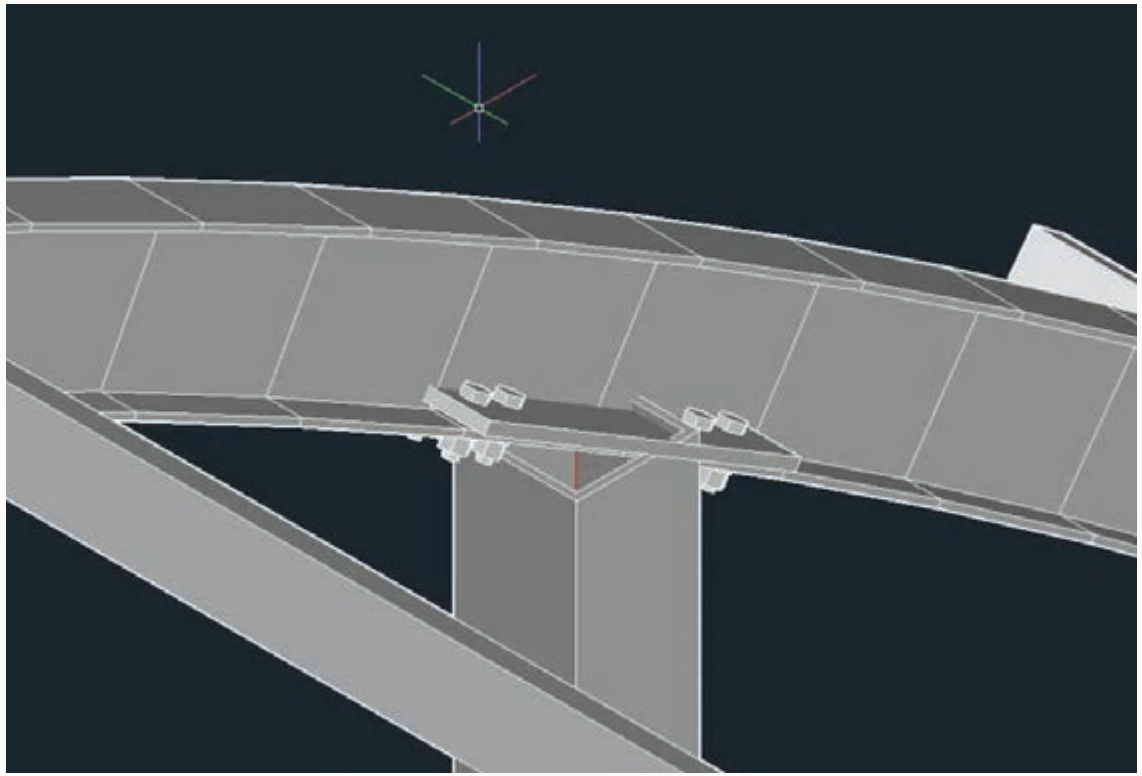
Autodesk Advance Steel

A 3D model of a canopy with two curved rafters, purlins, columns and bolted plate connections, ahead of assembly and single-part drawings and bolt lists. Both images are from the model, not from site.

3D model ahead of fabrication drawings



Full model



Curved rafter to column joint

07 STRUCTURE AND FACADES

Classical palaces: shell, facades and ornament

قصور كلاسيكية: الهيكل والواجهات والزخارف

Private clients · Riyadh · 2023 to 2025

The structural shell of a private palace, architectural works on a palace with a central dome, a facade with a circular portico of fluted Ionic columns and stone cladding, and classical ornament in gypsum and GRC.

Designed and built by our team



Structural shell, 2025



Central-dome palace, 2023



Circular portico, stone



Gypsum and GRC, 2024

08 STRUCTURE

Concrete and steel structures

هياكل خرسانية ومعدنية

Private developers and clients · Riyadh · 2024 to 2026

The concrete frame of a multi-storey tower, steel beams and cantilevers, arched concrete frames, and a curved concrete stair cast in place up to the slab opening.

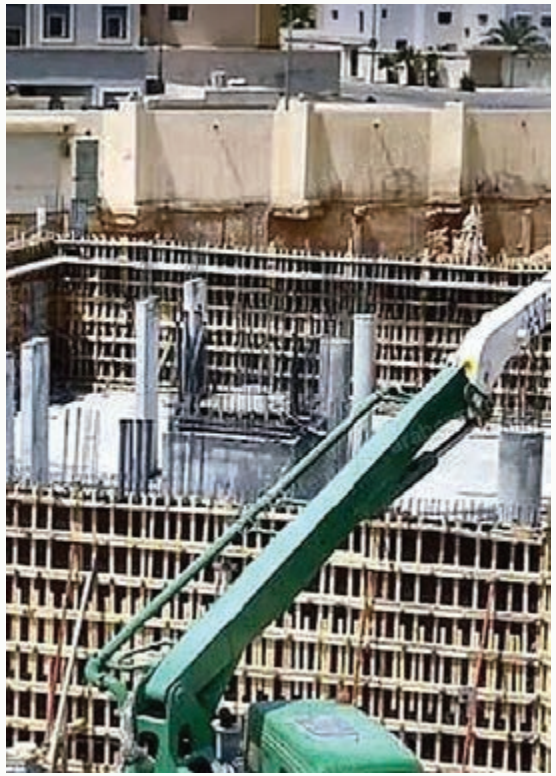
Designed and built by our team



Multi-storey tower, 2026



Beams and cantilevers, 2025



Arched frames, 2024



Curved concrete stair

المبدعون العرب
للاستشارات الهندسية

Arab Creators for Engineering Consultancy

Scan to chat on WhatsApp

Let us start your next project

Send the drawings or a short description of the project, and we will reply with the scope and a quotation within one working day.

Saudi Arabia: mobile and WhatsApp
+966 59 700 9855

Egypt: mobile and WhatsApp Business
+20 111 256 5999

Email
info@arabcreators.co

Website
arabcreators.co

Head office
15th of May City, Cairo

Riyadh
Site visits and project coordination

Working hours: Sunday to Thursday, 9:00 to 18:00 Riyadh time

Eng. Ahmed Fathy Elsherbini · Founder and CEO

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