



ENGINEERING AND BIM
CONSULTANTS

PROFILE



ABOUT US

Design Group S.A.L was established in 2016 and has evolved into one of the leading engineering consultancy companies in Lebanon in the areas of structural design, façade and BIM engineering.

The firm has extensive experience in all types of buildings, structural design, as well as façade design, providing full services from concept design stage, design documents, to shop drawings and fabrication.

Design Group has undertaken projects in Lebanon, Qatar, United Arab Emirates, Oman and Kuwait.

The Design Group office is located in Lebanon, and the Qatar branch is represented by our staff in Qatar.

BIM

INTRODUCTION

Building Information Modeling (BIM) is a digital process that involves the generation and management of a buildings data during its entire lifecycle. BIM uses 3D modeling software to create a detailed, data-rich virtual representation of a building or infrastructure project. This model includes not only the geometric design but also a vast amount of information related to materials, construction methods, costs, scheduling, and sustainability.





Key Aspects of BIM

3D Modeling

At the core of BIM is the creation of a 3D model that represents the physical and functional characteristics of a building. This model can be used for visualization, simulation, and analysis.



Information-Rich

Unlike traditional 2D drawings, BIM models include data on every aspect of the building—from materials and quantities to schedules and costs. This information can be extracted and used for various purposes, such as cost estimation, energy analysis, and facility management.



Collaborative Process

BIM is a collaborative process that involves all stakeholders in a project, including architects, engineers, contractors, and owners. They can all work on the same model, ensuring that everyone is on the same page and reducing the likelihood of errors or miscommunication.



Lifecycle Management

BIM is not just about the design and construction phases; it also encompasses the operation and maintenance of the building. This makes it a powerful tool for facility management, allowing owners to efficiently manage their buildings long after construction is complete.



4D, 5D, and Beyond

BIM can also incorporate additional dimensions of information:

4D BIM adds time-related information to the model, enabling construction scheduling and sequencing.

5D BIM integrates cost data, allowing for accurate budgeting and financial analysis.

Further dimensions can include aspects like sustainability, energy analysis, and facility management.



Sustainability

BIM allows for detailed analysis of energy use, materials, and environmental impact, supporting more sustainable design and construction practices.



OUR MISSION

We are dedicated to providing quality technical support and management services to our customers. We will strive to implement a long term relationship with our client, based on safety, quality, timely service and an anticipation of their needs. To help fulfil this mission, we will treat all employees fairly and involve them in the quality improvement process to ensure responsiveness and a cost effective work execution.



OUR STAFF

The staff includes Structural engineers, Architects and MEP and qualified BIM team for all disciplines, and Skilled detailers. The firm also employs a number of field experts for steel fabrication, aluminum fabrication, thermal insulation, acoustic insulation and CFD analysis.

Our staff has extensive experience including more than 20 years of working with international contractors and consultants. This experience is employed to facilitate Design Group's high quality work at international standards level.



SOFTWARE

Our staff is familiar with most of the commonly used softwares related to our field of work. Structural analysis and design (Robot, STAAD and others), Aluminum fabrication (CAD & Orgadata Logical), Glass design (SPREAD SHEETS & Mepla), Steel fabrication (Tekla), BIM (REVIT) and others.

BIM Software: There are several BIM software tools available, including:

- **Autodesk Revit:** A popular BIM software for architects, engineers, and contractors.
- **Archicad:** A BIM tool known for its ease of use and strong design capabilities.
- **Navisworks:** Often used for clash detection and coordination among various disciplines.
- **Bentley Systems:** Offers a range of BIM solutions for different types of infrastructure projects.
- **ACC CLOUD:** Autodesk Construction Cloud is management software that supports workflows spanning all phases of construction from designing to planning, to building, to operations and based on online workflow with direct coordination between all disciplines. In summary, BIM is transforming the architecture, engineering, and construction (AEC) industry by providing a more efficient, accurate, and collaborative way to design, construct, and manage buildings.



WHAT DO WE DO

Façade Engineering

- Façade Architectural Development
- Material and System selection
- Structural Design & Shop Drawings
- Thermal and Acoustic Assessment
- Fabrication drawings & MTO
- Wind Simulation for unique Items
- Cabled Frameless Glass
- Blast Resistance design

Steel Structures

- Proposing Structural System
- Initial Study for Cost Estimation
- Value Engineering
- Hot Rolled & Pre-engineering Buildings
- Traffic & Pedestrian Bridges
- Structural design & Shop drawings
- Fabrication drawings & MTO
- Foundations and other RC design

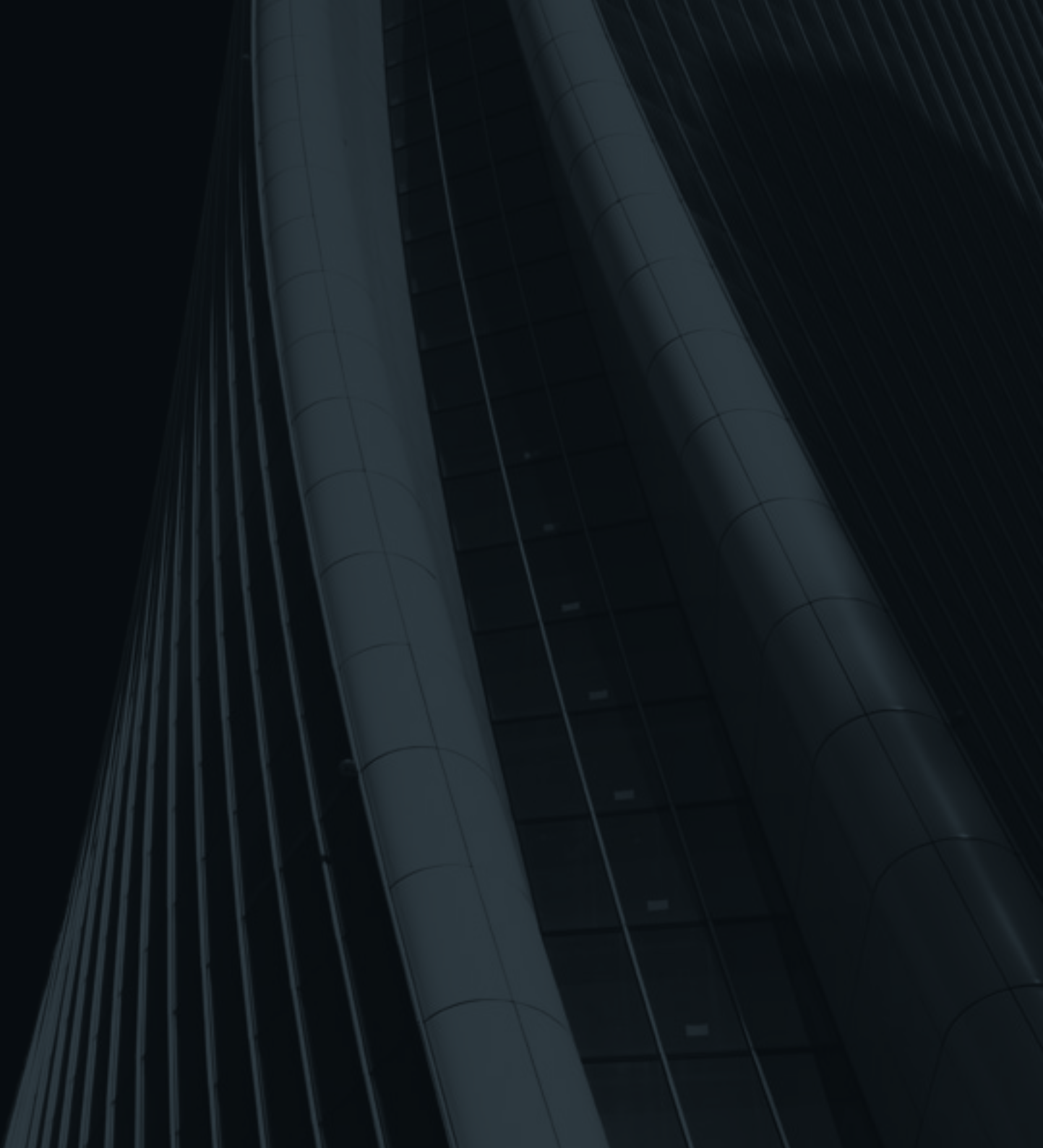
BIM

- BIM Structure
- BIM Architect
- BIM MEP
- BIM Façade
- BIM Infrastructure























PROJECTS






















LIST OF SELECTED PROJECTS

Design Group library for the conducted projects is rich with several types and sizes of steel structures and façade projects. The following is just some of the selected projects for indication while the full list can be provided upon request.

Project Title	Client/Specialist/Contractor	Logo	Consultant
AL RAYYAN HOTEL QATAR MALL	Profession Aluminum Company		ERGA QATAR
BARWA/Dukhan Bank Tower	Qatar Technical Glass QTA		Qatar Design Consotium QDC
Qatar Airways Accomodation Tower	Qatar Technical Glass QTA		Dar Alhandasa
Resedential 32 Tower Lusail	Altech Aluminum		GHD Qatar
Vendome Mall Snow Park & FEC	Gulf Panel		DSG / MZP
Army wair house jail	Al Lahham Steel		Qatar Army Engineering Dep.
Katara Hills	Profession Aluminum Company		Katara Hospitality
Resedential 10 Tower Lusail	Alma Aluminum & Steel		GHD Qatar
Hamad Hospital	Alma Aluminum & Steel		Hyundai/QDC
Pedestrian Bridge	Art Glass		Public Work Authority
Hilton Hotel	Qatar Belguim Aluminum QBEL		ERGA Qatar
Fox Hills Resedential	Qatar Belguim Aluminum QBEL		Arab Engineering Berue AEB
Almajid tower	SASSCO		Arab Engineering Berue AEB
Alverdan Tower-podium	Alutech		Arab Engineering Berue AEB
KIDZANIA	Profession Aluminum Company		ASPIRE ZONE
DOHA OASIS ACCESS RAMP	Four façade		AECOM
FDTA HAMAD INTERN. AIRPORT	Qatar Technical Glass QTA		DAR AL HANDASA
Mall of Qatar - Entrance Gates Cable System	Profession Aluminum Company		ECC Qatar

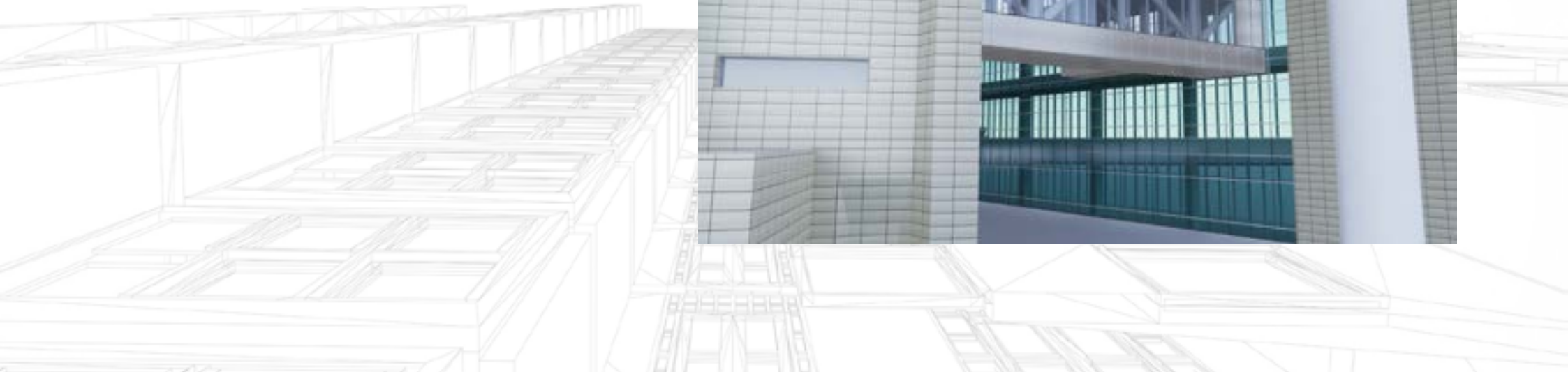
LIST OF SELECTED PROJECTS

Project Title	Client/Specialist/Contractor	Logo	Consultant
Brooq Tower 40 floors	Profession Aluminum Company		DSG / MZP
AlHazm Mall Qatar Skylight	AL Mimary Dubai		Qatar Home Design
Arab Mining Jordan	AL Mimary Dubai		ALBITAR CONSULTANT JORDAN
Pan Emirates UAE	AL Mimary Dubai		Design Concepts Consulting UAE
Time Valee Hamad Airport	Titanium/Steadiness		DAR AL HANDASA
Lusail Winter Wonderland Pergolas	Titanium/Steadiness		GHD Qatar
The View Hospital Canopies	Titanium/Steadiness		LACASA Qatar
Vendome Mall Snow Park Main Gates	Alutech		SALFO Qatar
Marina Resedential 13	Alutech		LACASA QATAR
AL Kharaj Res Tower 32 Floors	Alutech		TRUST engineering Cons.
Lusail Traffic Bridge	Gulf Panel		SALFO Qatar
Qatar Foundation ECS schools	Gulf Panel		ASTAD
Four Season Hotel	Al Lahham Steel		DARA Consulting
Jasr Trading Warehouse	Al Lahham Steel		AL Quds Consulting
Gallery Warehouses	Al Lahham Steel		GHD Qatar
Qatar Foundation Digital Signes	ASTEKSAN TURKY		ASTAD
AL Araimi Bulivard Mall Muscat	AL Mimary Dubai		AEB ASSAF
SLUDGE DRYING FACILITY	SAAD AL KAABI		Public Work Authority/Egis
Al Ahli Bank	SAAD AL KAABI		TRUST engineering Cons.



SELECTED OF
PROJECTS **IMAGES**

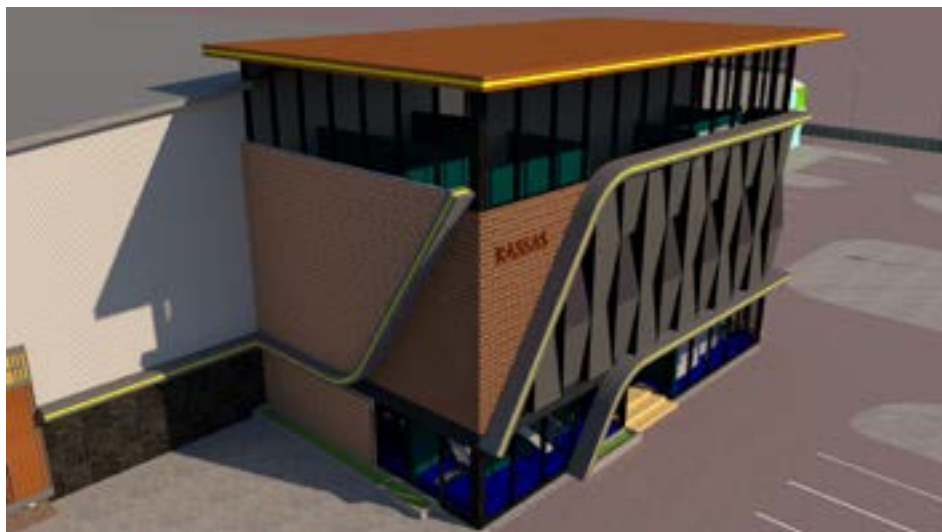
ALMA > Hamad Hospital



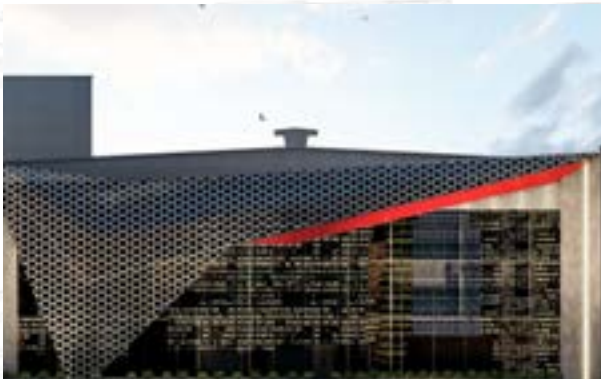
ALMA > Marina Res 10



ALMA > Rassas Office



ALMA > Shail Office



ALTECH > Marina Residential (Res 32)



ALTECH > Marina Residential (Res 13)



SAAD KAABI > Al Ahli Bank



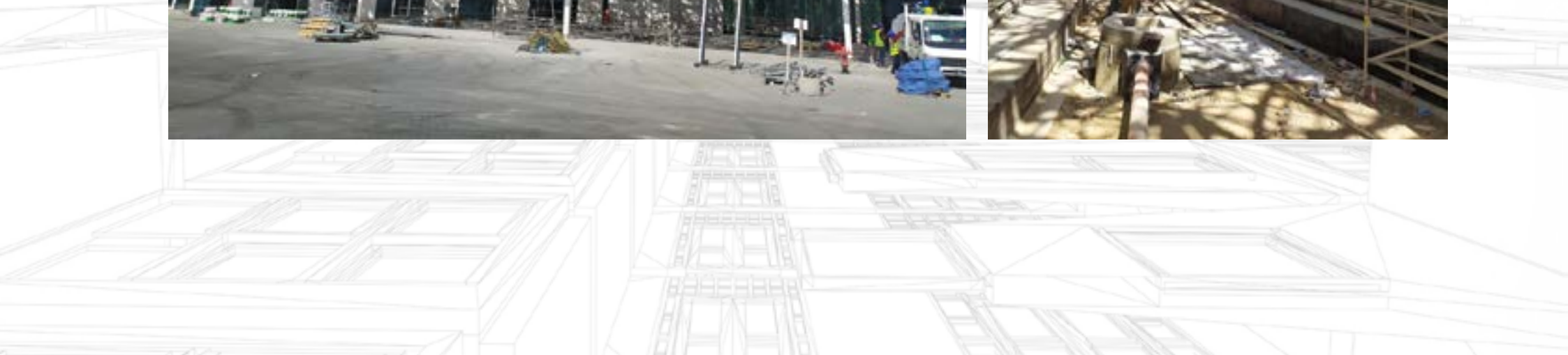
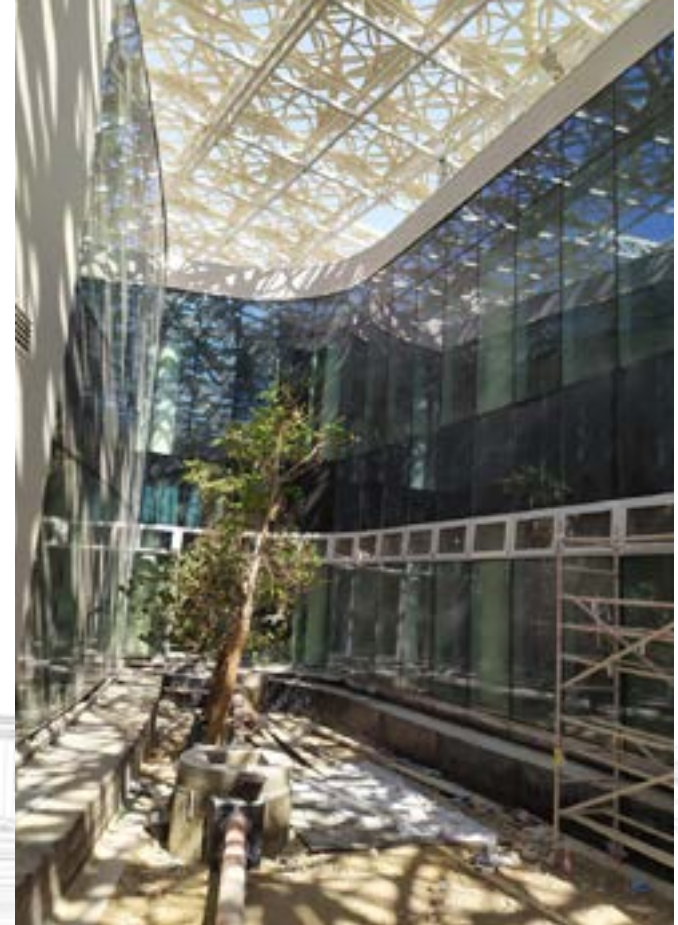
FOURFACADE > Doha Oasis Ramp



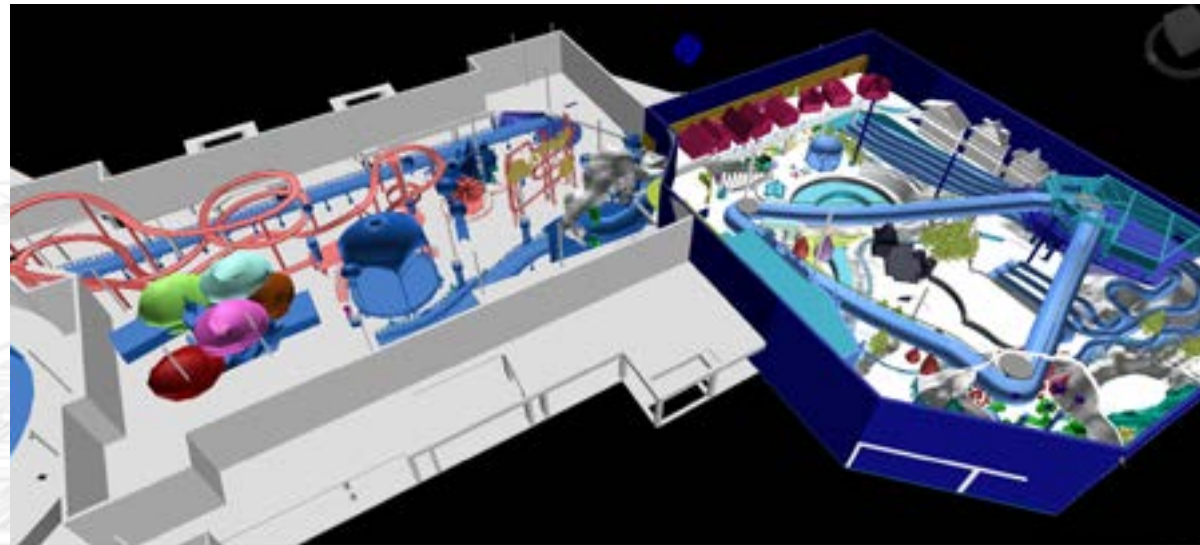
GULF PANEL > Lusail Traffic Bridge



GULF PANEL > Qatar foundation ECS Schools



GULF PANEL > Vendome Mall FEC & Snow



MAAMARY > Al Hazm Mall - Qatar



MAAMARY > Arab mining - Jordan



MAAMARY > Al Araibi Mall - Muscat



PROFESSION ALUMINUM

COMPANY > AL Rayyan Qatar Mall Hotel



PROFESSION ALUMINUM COMPANY > Katara Hills



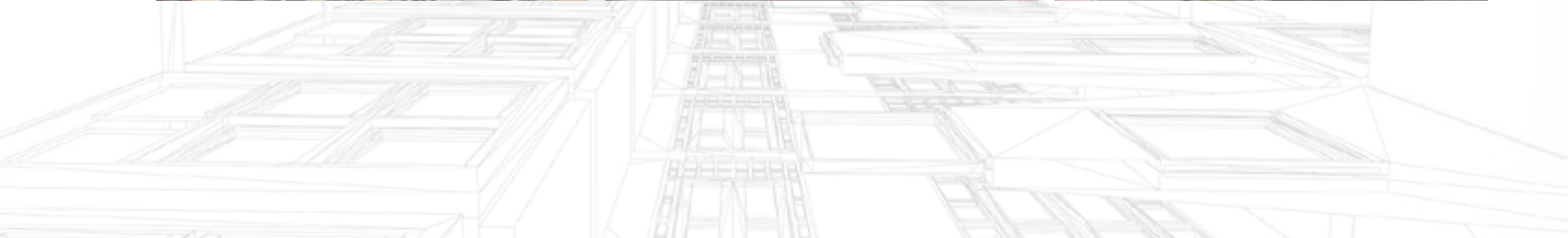
PROFESSION ALUMINUM COMPANY > KIDZANIA



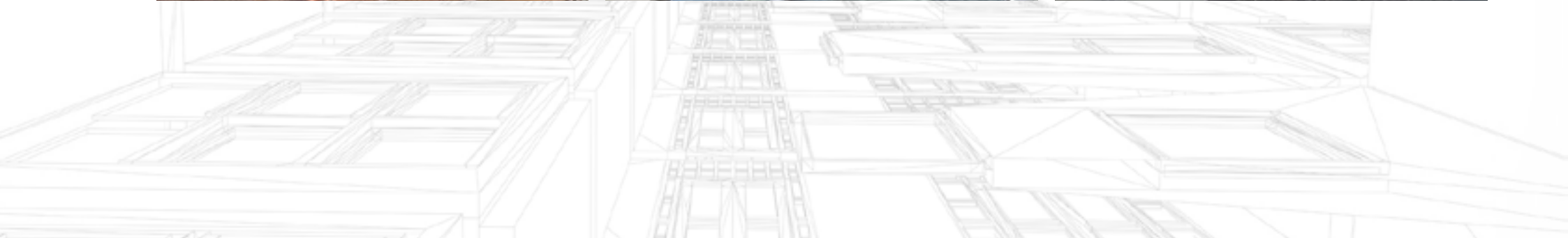
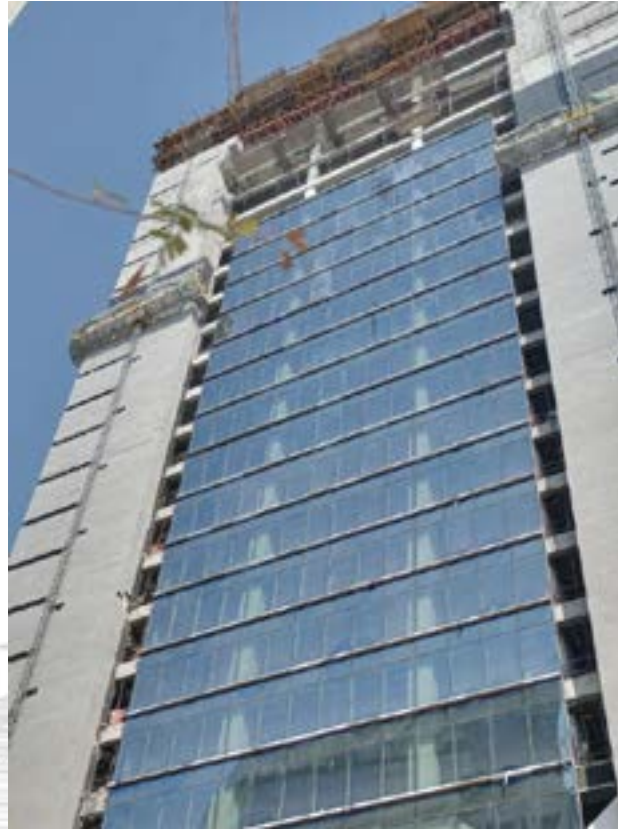
QBL > Fox Hills



QBL > Embassy Suites by Hilton



QTA > DUKHAN BANK



QTA > FDTA



QTA > Qatar Airways Accomodation



SASCO > AL Majed Tower - Lusail - Qatar



TITANIUM STEADYNESS > Time Valle Hamad Airport



TITANIUM STEADYNESS > View Hospital



TITANIUM STEADYNESS > Winter Wonderland





BIM PROJECTS

BIM TEAM

With over 100 BIM projects, we proudly stand at 20 plus team members of BIM enthusiasts who work round the clock to offer the best quality of deliverables. Our BIM team provides complete lifecycle solutions to its clients, from inception to completion.

We have worked on projects all across the world and are committed to continuously improving the product's quality including the below services:



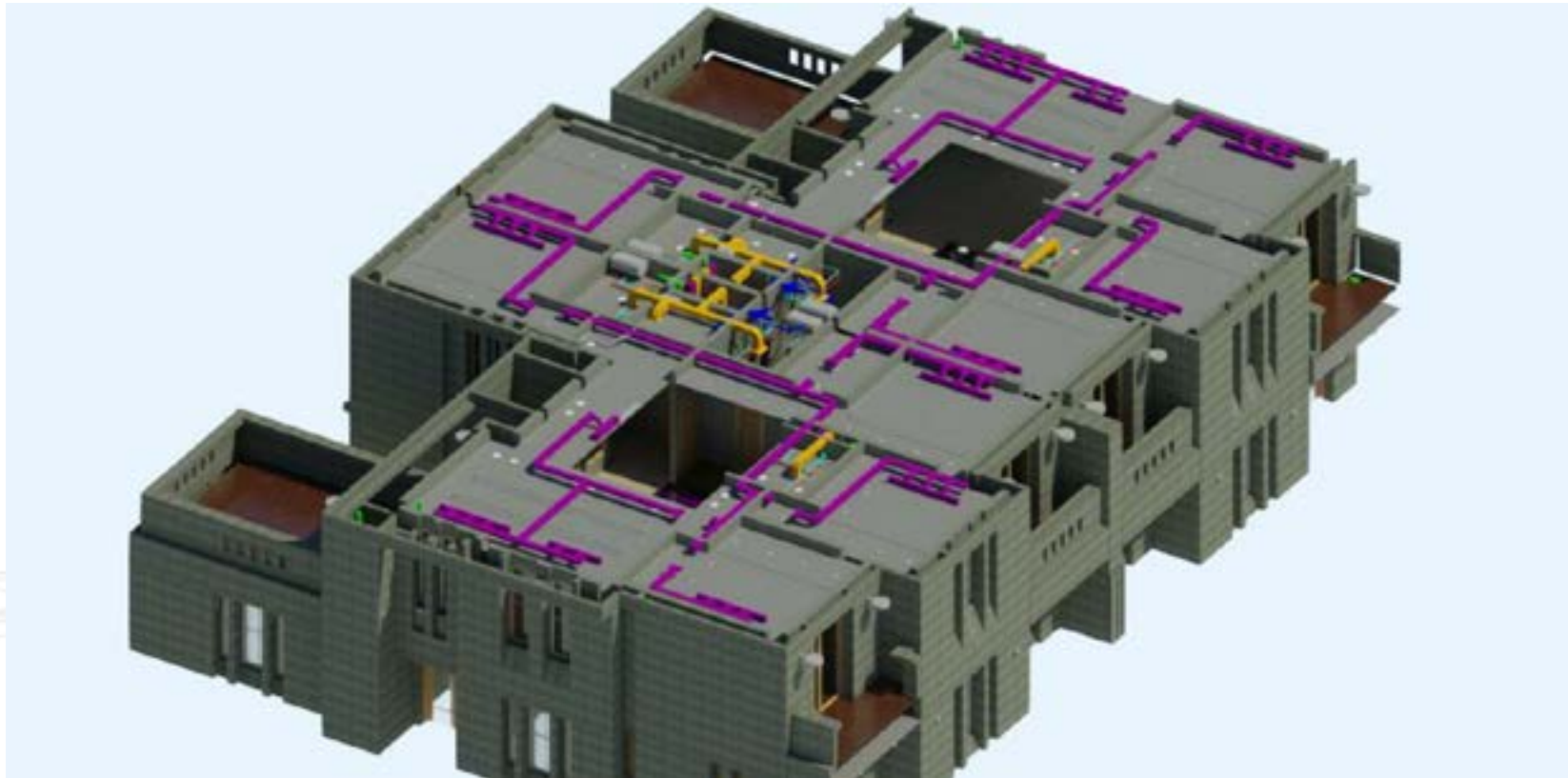
BIM PROJECTS

Our team has participated in modeling and designing many engineering projects for various disciplines using BIM system across 12 countries around the world.

Below are four sample projects.



- Armed forces Housing at Northern Frontier, Hafer Al-Batin and Jazan-KSA
Creating LOD 100, LOD 200 & LOD 300 drawings of Armed forces housing buildings.



> Lusail Marina tower 18, Doha - Qatar

The tower consists of 3 basements + ground floor + 2 podiums + 38 repeated floors, the total construction area is 114,000 square meters. BIM technology was used in the design, coordination and implementation process (Autodesk Robot, Revit and cloud technologies were used) to develop the below:

1. Structural design of the entire tower for Global Architecture Company
2. Building the LOD350/300 structural model
3. Extracting structural design drawings
4. Architectural modeling of the tower's exterior façade



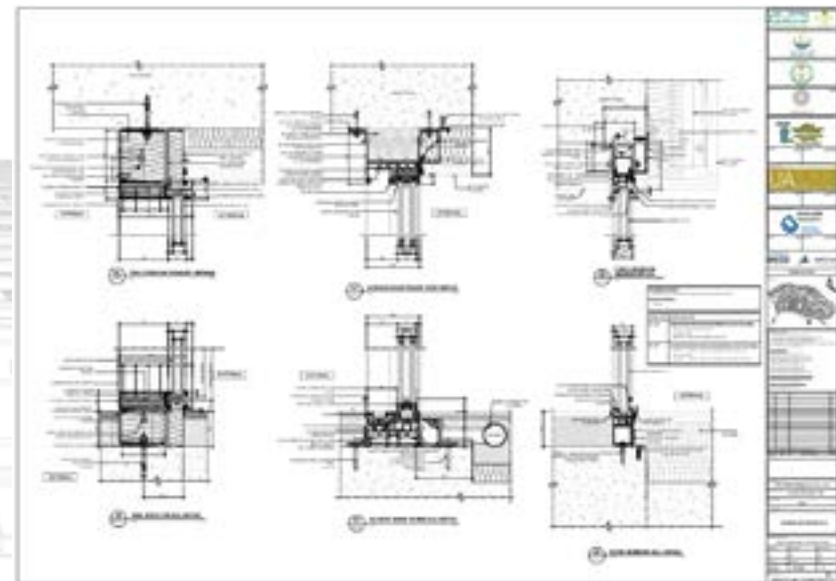
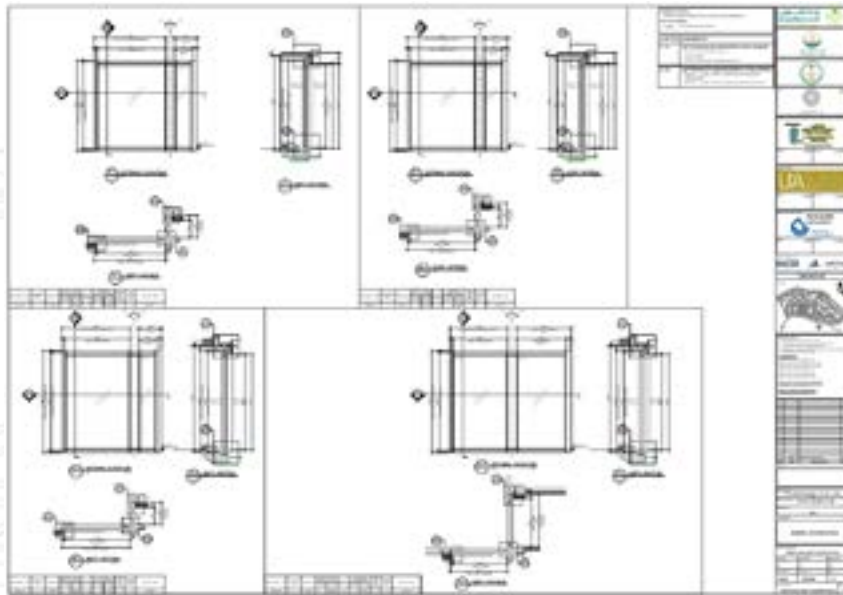
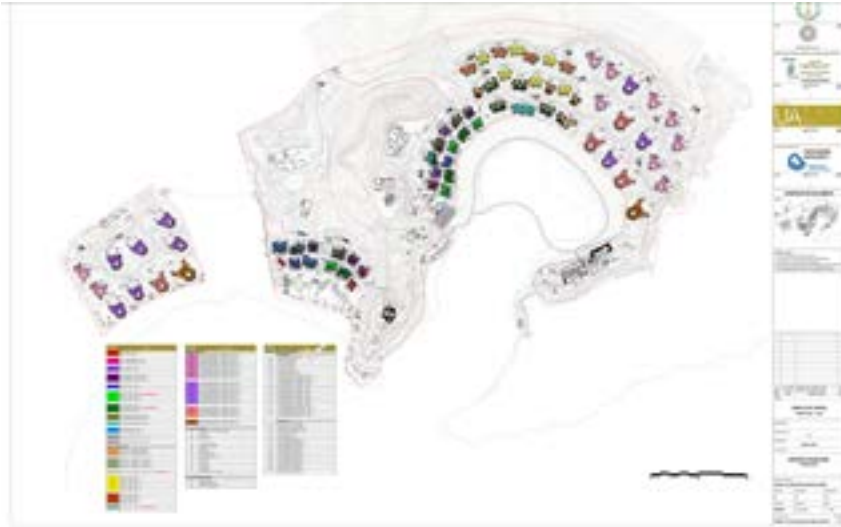
> Four Seasons Hotel, Jeddah - Saudi Arabia

The project consists of 269 luxuriously appointed guest rooms and suites, 21 serviced apartments for short and long-term stays and 64 Private Residences including two penthouses. It also includes multiple restaurants with terraces for open-air dining, an outdoor shisha lounge and a cigar lounge.



➤ Four seasons and Six Senses Resorts, Red Sea – Amaala Islands


The 2 resorts at Triple Bay feature luxurious spa, main hotel, Villas, restaurants, conference centers, food and Beverage areas.





CERTIFICATES





ALMAMARY
Aluminium and Skylights L.L.C.


TO WHOM IT MAY CONCERN

This is to inform that Design Group SAL has conducted the engineering work for our company, Al Mamary Alum. & Skylights, for several projects. The professional services provided by Design Group included, but not limited to, the structural design, shop drawings, design development and fabrication drawings.

The list below mentions some of those projects out of many others:

- Al Aرامي Boulevard mall muscat - 7000 m2
- Arab Mining Company Jordan
- Al Hazm Mall Qatar
- Muscat Grand Mall
- Pan Emirates UAE

Best Regards
For Al Mamary Alum. & Skylight
Ma'an Dirieh
General Manager
+971 56 303 7777



Tel:06 5361040 – P.O Box: 40470 Sharjah, UAE
 www.almamary.ae – maen@almamry.ae
 -1/-



شركة العالومنيوم والصلابة
ALMA ALUMINUM & STEEL



Date: 11th Jan 2023
 Ref: AL/A/S/Let-1597/23

WORK COMPLETION CERTIFICATE

To whom it may concern

This is to certify that we have rendered the services of **DESIGN Group Offshore** and they have demonstrated professionalism, dedication and innovation in completing the full engineering services for many projects covering areas as listed below:

1. Concept Drawings
2. Best System selection, based on, structure study, project specification and cost estimation
3. Shop Drawings
4. Structural Calculations
5. Fabrication Drawings including MTO (profiles, sealant, accessories, site requirements, etc...)
6. Conducting Site technical and coordination meetings with main contractors
7. Conducting Consultant and client meetings
8. System supplier Technical meeting and related requirements for MEP system.

Our satisfaction reflected on successfully completing the following projects within tight deadlines:

1. SHAIL FACTORY OFFICE FAÇADE
2. HAMAD HOSPITALITY
3. SKILLED NURSING FACILITY
4. RASAS, BATTERY RECYCLING FACTORY
5. MARSINA RESIDENTIAL TOWER
6. METAL RECYCLING FACTORY


Yours faithfully,
 For Alma Aluminium & Steel

Elie Souaid
C.E.O





للتفويض: 06-5361040 - الفاكس: 06-5361040 - بريد إلكتروني: info@almamary.ae - الموقع: قطر
 C.R. No : 26447 - Tel : (+974) 4460 2575, Fax : (+974) 4460 7335 - P.O. Box : 40470 - DOHA, QATAR
 E-mail : info@almacomp.com Website : www.almacomp.com



ALTECH
ALUMINIUM

شركة ألتكح الألمنيوم والصلب
ALTECH ALUMINIUM & STEEL

Ref: AT/2023/21 January 17, 2023

TO WHOM IT MAY CONCERN

We, M/s Altech Aluminium & Steel, W.L.L., hereby certify that M/s Design Group Offshore has been our technical support group for several projects - specializing in the Structural Design and Analysis of Façade Works on a number of projects.


The professional engineering services rendered by them are detailed as follows:

1. Feasibility Drawings and Technical specification
2. Best system selection based on structure study and project specifications
3. Shop and Erection
4. Fabrication drawings


Below are some of the projects which they has completed for us:



- Main Structure of Tower 1/2/3/4
- Tower 1/2/3/4 Main Repairs
- Qatar Academy Facade
- Jeddah 15 Residential Towers in Jeddah
- Al-Rashidya Center
- OHS - Reside Care Building at the Free Zone - Qatar
- Construction of Guard House M/S S. Marina Workshop
- Al-Madina Residential 12
- Center Mall at Al-Thumra
- UPS 7 - Residential Building at the Free Zone

Thanks and Regards,



Mr. Shariq Thumra
Technical Director







ALUMINIUM FABRICATOR & DESIGN CONTRACTOR

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Tel: +974 4496 2888 | Fax: +974 4496 2899 | Email: info@profession-alu.com

www.profession-alu.com



PROFESSION
ALUMINIUM COMPANY W.L.L.



Ref No: PAC-SC-WCC-0001
29th of December 2022

WORK COMPLETION CERTIFICATE

PROJECT/S NAME	<ol style="list-style-type: none"> 1. RETRACTABLE ROOF - FARDAT SHEIKHYKH 1. KATARA HILLS 1. PRIVATE PALACE 1. AL BAYYAN HOTEL - MALL OF QATAR 1. THE BENTLEY LUXURY HOTEL & SUITES (Formerly Brook Tower) 1. KIDZANIA GLASS FAÇADE 1. MALL OF QATAR - ENTRANCE GATES
CONTRACTOR	1. M/S PROFESSION ALUMINIUM COMPANY W.L.L.
SUB-CONTRACTOR	1. M/S DESIGN GROUP OFFSHORE

To Whom It May Concern:

We, M/s PROFESSION ALUMINIUM CO, W.L.L. certify that M/s DESIGN GROUP OFFSHORE has completed the full Engineering Services and the detailed scope of work are as stated below:

1. Concept drawings
2. Best system selection, based on structure study, project specification and cost estimation.
3. Shop drawings
4. Structural calculation
5. Fabrication drawings including MTO (profiles, joints, accessories, site needs, etc.)
6. Site technical and coordination meetings with main contractor
7. Consultant and Client meetings
8. System supplier technical meetings and related requirements for MIP system

Thanking you on behalf of
M/s Profession Aluminium Co. W.L.L.



Mazen Al Salhani
Managing Director





Walid Almaghrabi
Operations Manager

Page 1 of 1

Profession Aluminium Company W.L.L.
P.O. Box no. 40080 Doha, Qatar

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 PIR Zone, New Industrial Area
 P.O. Box 22125, State of Qatar
 Tel. : (+974) 438 2030 Fax : (+974) 438 2034
 E-mail: info@qbal.com



الشركة القطرية للبصريات للألومنيوم ذ.م.م
 المنطقة الصناعية الجديدة
 حي المنطقة الصناعية 173
 ص.ب. 22125 - دولة قطر
 الهاتف : 438 2030 - الفاكس : 438 2034
 البريد الإلكتروني : info@qbal.com

**WORK COMPLETION CERTIFICATE
TO WHOM IT MAY CONCERN**

Date: 29th January, 2023

This is to certify that we have assigned Design Group SAL to do the full engineering work for the listed below two projects:

- Embassy by Hillen External and Internal work
- Wadi Al Sail, Fox Hills Residential Buildings (ongoing project)

It is worth to mention that Design Group SAL is performing in a professional way and doing the listed below activities as per the project requirements and time schedule:

- Architectural Development for the facade and internal partitioning
- Structural Design
- Shop Drawings
- Fabrication Drawings and Material Take Off

This Certificate is issued upon Design Group Request.

Best Regards,
 For Qatar Belgium Aluminium Co. W.L.L.

Andre Risk
 General Manager






AL LAHHAM STEEL TRAD. & CONT.

**WORK COMPLETION CERTIFICATE
TO WHOM IT MAY CONCERN**

This is to certify that Design Group SAL is the engineering and consultancy firm which performed the engineering work for most of projects related to AL- Lahham Steel Company. Design Group has shown a professional performance over the last years using engineering knowledge as follows:

- Structural concept and initial estimations
- Detailed design
- Shop drawings
- Fabrication drawings and MTO
- Method Statement

For more information about the conducted projects, refer to AL-Lahham PQ or website www.allahhamsteel.com.

This Certificate is issued upon Design Group Request.

Best Regards

General Manager

Mohammad AL-Lahham




Mob: 55871557
 P.O. Box: 9037 - Doha - Qatar
 Website: www.allahhamsteel.com
 E-mail: moh@allahhamsteel.com

WORK COMPLETION CERTIFICATE

To whomsoever it may concern

This is to certify that DESIGN GROUP OFFSHORE has completed full engineering services and the detailed scope of work was as stated below:

1. Concept drawings.
2. Best system selection, based on, structure study, project specification and cost estimation.
3. Shop drawings.
4. Structural calculation
5. Fabrication drawings including MTO (profiles, sealant, accessories, site needs, etc...).
6. Site technical and coordination meetings with main contractor.
7. Consultant and client meetings.
8. System supplier technical meeting and related requirements for MEP system.

The below are some listed jobs:

- SLUDGE DRYING (STEEL PACKAGE AND RETRACTABLE ROOF)
- SEEF LUSAIL (LADDERS, HANDRAILS, CATWALKS AND PLATFORMS)
- PANDA PARK (FENCE AND GATES)
- AL KHOR SEWAGE TREATMENT PLANT (MACHINES PLATFORMS, GRATING, PIPE SUPPORTS, CATWALK, HEAVY DUTY MANHOLE ACCESS COVERS, MANHOLE COVERS, HANDRAILS, CAGE LADDERS)
- LUSAIL BOULEVARD STAINLESS STEEL MISCELLANEOUS ITEMS (HANDRAILS AND LADDERS)

M/s Saad Al Kaabi Steel & Aluminum Co. W.L.L

Signed by:


Printed Name/ : Angelina Lee
 Date : 13-01-2023
 Location : Doha, Qatar





COMPANY REGISTRATION





HASSAN FARHAT
CERTIFIED (SWORN) TRANSLATOR
Phone (00961) 996-118827 (Toll-Free, Beirut) - 9961-3-118824
E-mail: hfarhat@arabnet.com.lb/hfarhat@arabnet.com.lb/hfarhat@arabnet.com.lb
Mailing Address: P.O. Hassan R. Farhat, Marjeh Bay, Sidon - Lebanon - Beirut 2041-1400, Lebanon

(TRANSLATION FROM THE SOURCE TEXT ATTACHED HEREUNTO TO FOLLOW)

Republic of Lebanon
Ministry of Finance

Certificate of Registration of a Company

Company's Name	:	DESIGN GROUP S.A.L
Corporate Name	:	(No Entry)
Legal Form	:	Offshore

Address of the Main Office (Headquarters):

District	:	Bzabda
Area	:	Chah
Locality	:	Bir Hassan
Street	:	Embassies
Building	:	Al Malka
Floor	:	Fourth
Phone	:	03646999
Fax	:	(No Entry)
P.O. Box	:	(No Entry)

Registration Number : 3251172
 Issued on November 19, 2016
 Louay El Hajj Chebade
 Director of Internal Revenue Tax Department
 (Seal & Signature)

Republic of Lebanon
Ministry of Finance

Card of Registration of a Company

Company's Name	:	DESIGN GROUP S.A.L
Corporate Name	:	
Registration Number	:	3251172

Issued on November 19, 2016
 Louay El Hajj Chebade
 Director of Internal Revenue Tax Department
 (Seal & Signature)

(PHOTOSTATIC COPY)

AUTHORITY OF TRANSLATION & DISCLAIMER
 I, the undersigned, HASSAN FARHAT, being duly SWORN and fully conversant and fluent in both English and Arabic, do hereby solemnly declare and certify that the Arabic text of the above mentioned Certificate of Registration of a Company, issued on November 19, 2016, is a true and correct translation of the Arabic text attached herewith and produced to the best of my knowledge and ability in Beirut, Lebanon, on January 25, 2017. THE SWORN TRANSLATOR ASSUMES NO LIABILITY WHATSOEVER, NEITHER FOR THE AUTHENTICITY OF THE CONTENT OF THE SOURCE DOCUMENT NOR FOR ANY MISTAKES MADE THEREIN.
 I do not warrant the accuracy of the translation in their presentation in the source language. Consequently, spelling variations may occur.

HASSAN FARHAT - The Translator



الجمهورية اللبنانية
وزارة التجارة

شهادة تسجيل شركة

اسم الشركة: Design Group S.A.L الشكل القانوني: أوليفر	المدونة للتصميم: م.ل أوليفر الشهرة التجارية:
عنوان المركز الرئيسي: رقم التسجيل: 3251172	عنوان: شارع السفارات مس. الشركة: 10 ص.ب. رقم: ص.ب. 10 منطقة:
مدير الواردات: الإصدار: 19-11-2016 تولى الحاج شحادة	أعطيت في: 19-11-2016 



بطاقة تسجيل شركة
 اسم الشركة: المدونة للتصميم: م.ل أوليفر
 Design Group S.A.L OFFSHORE
 الشهرة التجارية:
 رقم التسجيل: 3251172
 أعطيت في: 19-11-2016
 تولى الحاج شحادة



بطاقة تسجيل شركة
 اسم الشركة: المدونة للتصميم: م.ل أوليفر
 Design Group S.A.L OFFSHORE
 الشهرة التجارية:
 رقم التسجيل: 3251172
 أعطيت في: 19-11-2016
 تولى الحاج شحادة

WE ARE EASY TO FIND.
Let us know your needs.



Address:

Lebanon - Beirut , Beer Hassan,
ALHakeem street – Malaka Building
4th Floor



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+961 76 352368

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