



Architectural Design
Engineering Solutions
Project Supervision
Project Management
Consultancy Company



www.close-system.com

“Opening to Possibilities”



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ABOUT US

We materializes what our clients and the community need in the most appropriate ways through highly reliable professional approaches to architectural creation and engineering solutions developed through our experience in the industry.

We provide Architectural, Engineering, Sustainability, and Construction consultancy for multistory buildings, educational establishments, transport, residential and commercial villas, sports facilities, healthcare, retail, hospitality and oilfield sectors.



VISION

Our **vision** is to grow our venture worldwide, to positively impact our future generation's life.

MISSION

Close System is a trusted firm in the Architecture, Engineering and Construction industry that develops & implements solutions to create a better life for our team, clients, community, and the environment, keeping in mind the needs of the future generation.

Our **mission** is to use knowledge and expertise in Architecture and Engineering to give sustainable solutions to improve life of people by motivating them to increase the level of awareness in term of sustainable and environmental design and practices.

CORE VALUES

OPEN TO HONESTY

We work with integrity regardless of challenges we face on our every projects.

OPEN TO DIVERSITY

We always achieve progressive and controlled improvement in the effectiveness of business systems and the use of latest technology and practices.

OPEN TO FLEXIBILITY

We always challenge ourselves and foster a dynamic environment growth, productivity improvement, better service and preparedness for change.

OPEN TO SUSTAINABILITY

We value strategic and long term approach to

OPEN TO INDIVIDUALITY

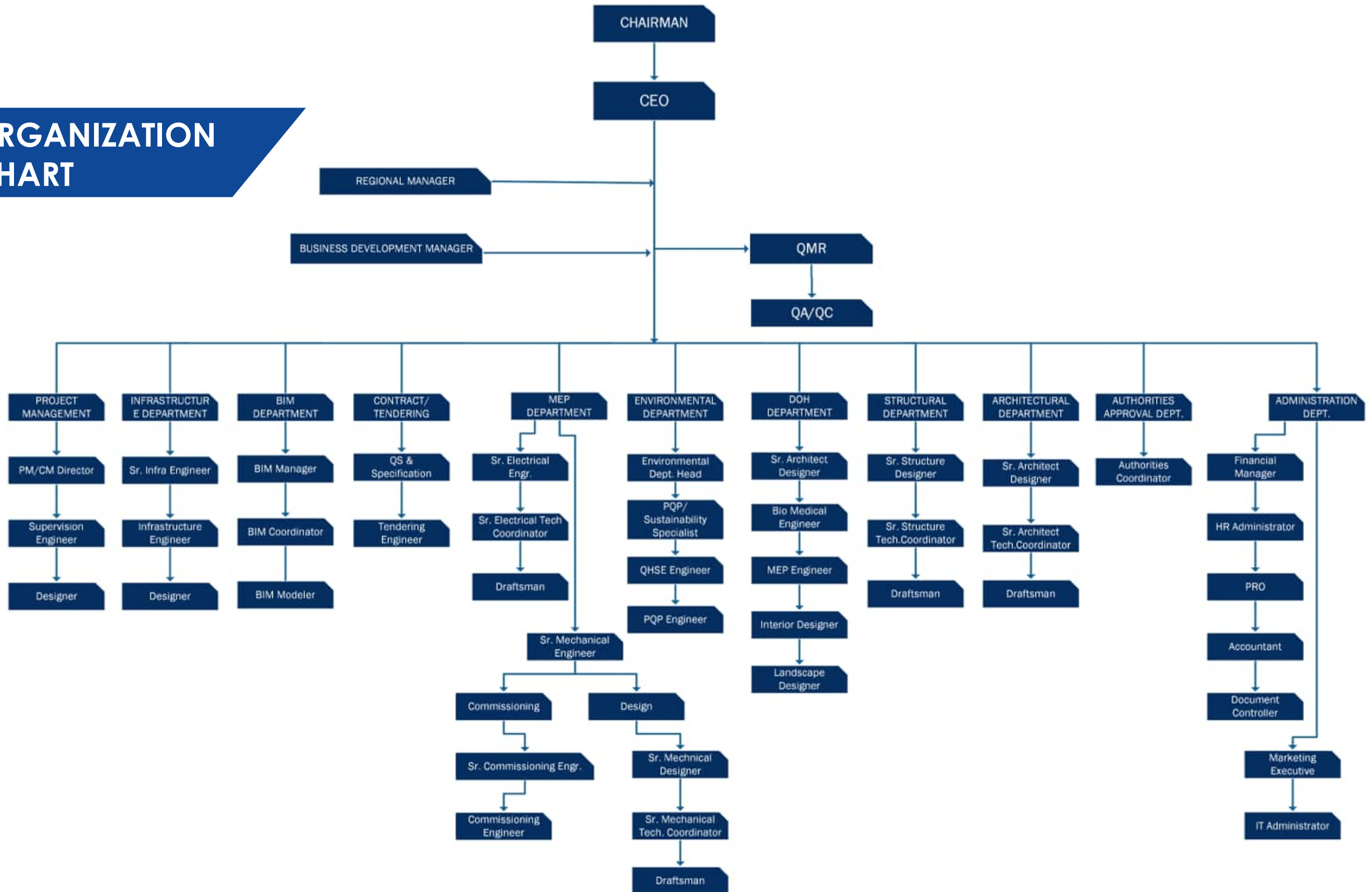
As we differs, we accept and maintain our highest respect for each and every one.



Our Corporate Social Responsibility

- GREEN ENVIRONMENT
- SUSTAINABILITY AWARENESS
- COMMUNITY INVOLVEMENT
- EMPLOYEE WELLNESS AND WORKPLACE

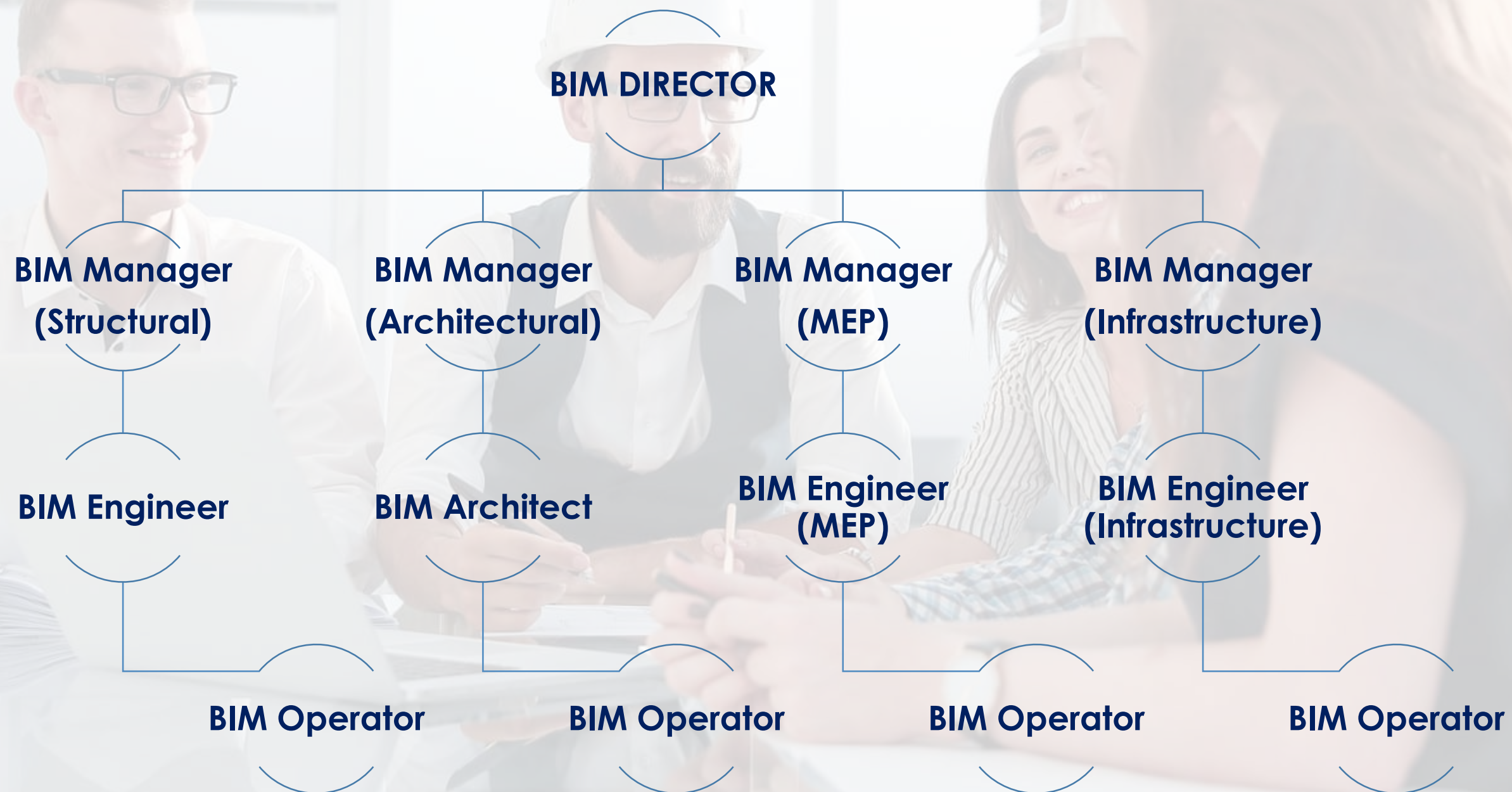
ORGANIZATION CHART



ISO CERTIFICATES



BIM TEAM



SUSTAINABILITY TEAM



We specialize in providing energy- and resource-efficient buildings solutions tailored to client objectives and to the needs and well-being of occupants, and with a special focus on minimizing their environmental and ecological impact.

Our team is composed of specialists and engineers.

KEY PEOPLE



SALIM SALEEM
GENERAL MANAGER



DR. IHAB ABDELRAHMAN
ENVIRONMENTAL



RABEA ALHAFEDH
REGIONAL MANAGER



OSAMA SHANGRAY
PM/SR. ARCHITECT



AMMAR FAROUG
SR. ARCHITECT/BIM SPECIALIST



TILAL ARMAN
PMCM DIRECTOR



HOSAM AHMED
FINANCIAL MANAGER



LIMIA SALAH
PROJ. COORDINATOR/PQP



ALAFRAA SALAH
HUMAN RESOURCES ADMIN



MAHMOUD SALLAL
DESIGN MANAGER/BIM
SPECIALIST



MUZNA EL HAG
PROJECT MANAGER/PQP



AHMED ABUHAJAR
PM/STRUCTURAL ENGINEER



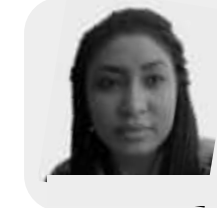
EBAA KHALAFALLAH
QA/QC ENGINEER



SALIM MADANE
MBZ-BRANCH MANAGER



JARI DONDIEGO
BD & MARKETING MANAGER



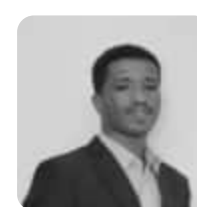
SAMAR WALEED
PROJECT MANAGER



CHARISSE DOBLADO
DOCUMENT CONTROLLER



JASON DELOS SANTOS
IT ADMINISTRATOR



MOHAMED ABDALLA
PERMITTING COORDINATOR



ANWAR ALI
ARCHITECT/DRAFTSMAN

KEY PEOPLE



MUGTABA OSMAN
MECHANICAL ENGINEER



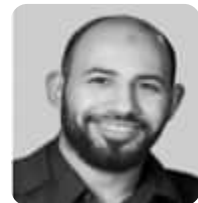
MOHAMAD ABASS
PERMITTING ENGINEER



MOHAMMAD ANWAR, PMP-PMI
BRANCH MANAGER-DUBAI



WALEED SALAH ABDELKAREEM
ADMINISTRATOR/HR - DUBAI



AMIN ESAM MUSTAFA
PROJECT MANAGER



HALA MOHAMED BAYOUMI
SENIOR ARCHITECT



MOHAMMED HESHAM
STRUCTURAL ENGINEER



MOHAMMED AWAD
ARCHITECT



SUHAYB BALLA
SR. ELECTRICAL ENGINEER



EMAD KAMAL SAEED
SR. CIVIL ENGINEER/PMP



CSC TEAM



A graphic with a dark blue background. In the center, the word "DIGITALIZATION" is written in large, white, bold, sans-serif capital letters. The background features a faint, light blue city skyline. Overlaid on the skyline are several circular icons: a Wi-Fi symbol, a globe, a dollar sign, and a cloud with an upward arrow. A network of lines and dots is also visible at the bottom of the graphic.

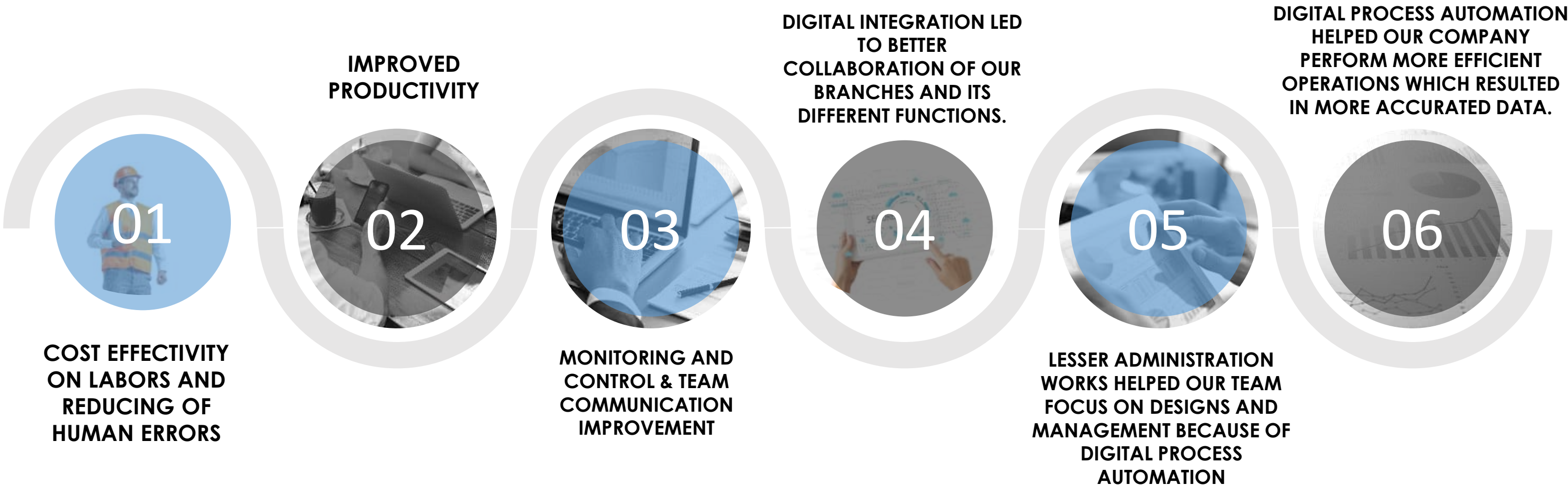
DIGITALIZATION

DIGITAL TRANSFORMATION



Close System is moving speedily on a path towards a digital ecosystem. The company's dynamism in the use of 3D/ 4D modeling, Analytics, ERP Solutions, Cloud-based technologies such as iDrive, Quickbooks, Bitrix24 helps in continuously transforming the planning, operations, collaboration, and innovation on our company, in which our team works together.

Becoming more productive, more efficient, and more cost-effective are main focus of our digital transformation. By applying the latest technological advancements on our work we are crating more possibilities.



BUILDING INFORMATION MODELING & MANAGEMENT



LOD 100

Level 100 Models include elements such as Masses and are used for preliminary studies, such as Conceptual Design and Overall Project Phasing Analysis.



LOD 200

Level 200 Models include elements in which Masses have been replaced with Generic Components. Analysis based on Overall Systems can be performed. Quantities



LOD 300

Level 300 Models include elements in which Generic Components have been replaced with fully defined Assemblies. Analysis based on Specific-Systems



LOD 400

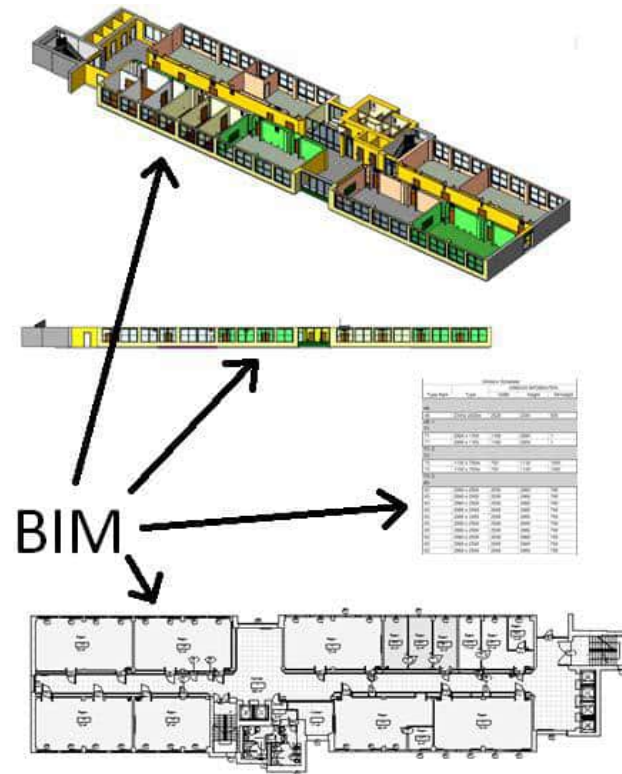
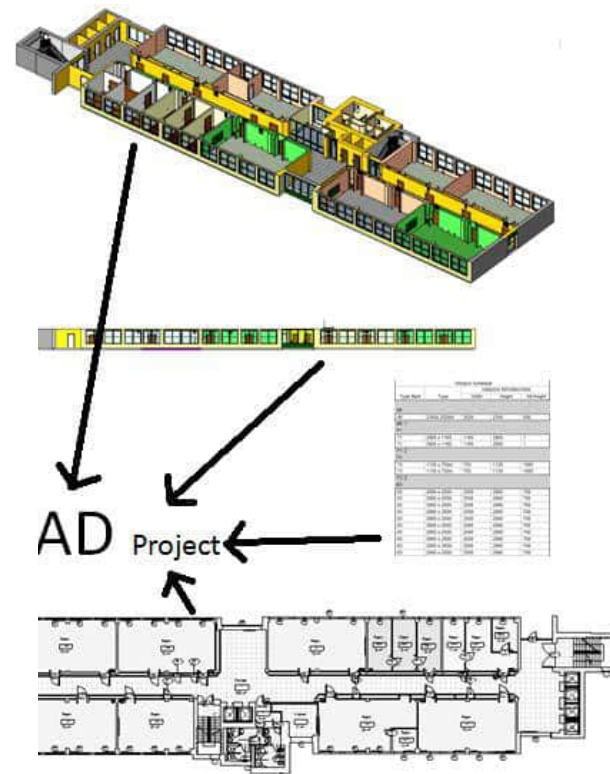
Level 400 Models include elements that are accurate in terms of size, shape, location, quantity and orientation with complete fabrication, assembly and detailing information.



LOD 500

Level 500 Models includes elements modeled as constructed. Elements are modeled to accurate size, shape, location and orientation.

BIM is able to help our team to maximize its full benefits for our project.



BIM keeps us honest. One of BIM advantage is that we can't cheat design, because the elements have properties based on real-life properties. If we have a window in plan, it automatically appears in the other associated views, such as elevation or section. In a CAD system it can be easy to overlook because we can forget to draw a window in the place or can draw it at a wrong location.

A large construction site is visible in the background, featuring several tall cranes and extensive scaffolding around a building under construction. Two workers in safety gear are standing in the foreground, looking towards the site. The entire image is overlaid with a semi-transparent blue filter.

EXPERTISE

EXPERTISE



—
**ARCHITECTURE &
INTERIOR DESIGN
AND LANDSCAPE**

—
**ENGINEERING
SERVICES (MEP)**

—
**AOR AND
AUTHORITIES
APPROVALS**

—
**HEALTHCARE
FACILITIES**

—
**BUILDING INFORMATION
MODELING (BIM)
MANAGEMENT**

—
**SUPERVISION AND
MANAGEMENT**

—
**INFRASTRUCTURE
CONSULTANCY**

—
**SURVEY
ENGINEERING**

—
**SUSTAINABILITY
CONSULTANCY
(ESTIDAMA & LEED)**

—
**PLANNING AND
CONSULTING**

—
**PROJECT
MANAGEMENT &
CONTRACTS**

—
**ENVIRONMENTAL
CONSULTANCY**

EXPERTISE



ARCHITECTURE & INTERIOR DESIGN

- Interior Design
- Interior Refurbishment
- Design Review / Validation
- Furniture, fixtures and equipment (FF&E)
- Landscape Architecture (hard and soft) Architecture

HEALTHCARE FACILITIES

- Medical planning
- Design
- Supervision
- Urban Planning
- Architecture
- Engineering
- Interior Design
- Landscape Design
- Construction Review and Inspection

SUPERVISION AND MANAGEMENT

- Coordination with the Authorities
- Complete civil and MEP supervision
- Material submittal/shop drawing review and approval
- Quality assurance/quality control
- Site monitoring
- Project conceptualization
- Business case development
- Project initiation and planning
- Feasibility studies
- Risk assessment and management
- Quality assurance
- Health and safety practices and planning
- Threat and risk assessments
- Business continuity and disaster recovery planning

BUILDING INFORMATION MODELING (BIM)

- BIM Model development for Architectural, Structural & MEP Disciplines
- Engineering Analysis (Structural, Architectural and MEP)
- As-Built Model development and Documentation
- Animation, Rendering and Walkthrough
- On-Site BIM Implementation and Coordination
- BIM Constancy and audits

SUSTAINABILITY CONSULTANCY

- Estidama Design (PQP and ICA)
- Estidama Construction (PQP and ICA)
- LEED GA Consultancy
- Sustainability strategy, implementation, and evaluations
- Sustainability assessments
- Sustainability guidelines
- Energy Modelling

PLANNING AND CONSULTING

- Project Feasibility Studies
- Estimation/ Tendering/ Analysis
- BOQ Preparation and Review
- Contract Compilation
- Front End Engineering Design
- Contractual Correspondence
- Value Engineering
- Scope control
- Claims and Variation, Change Management
- Extension of time
- Estimation Project Management Plan
- Planning and scheduling

ENGINEERING SERVICES

- Electrical Engineering
- Mechanical Engineering
- Communication Engineering
- HVAC Engineering
- Sewage and Drainage networks
- Independent Commissioning Agent (ICA)
- Structural design
- Pre-engineering building
- Steel structure design
- Special structure design (Theatre, Gym, Warehouse)

ENVIRONMENTAL CONSULTANCY

- Environmental Consultant studies
- Environmental Monitoring
- Environmental Modeling
- Pollution Control Technologies
- Waste Management Plans
- HSE consultancy & training

AOR AND PERMITTING

- Coordination with key people in regulatory bodies such as ADM, ADSSC, ADDC etc
- Tracking of approvals process (concept to building permit)
- Changing of land use
- Application for permit approvals
- Obtaining approvals from the ADM, DOT, ADCD, ADSSC etc.
- Obtaining of NOCs
- Obtaining service protection and relocation approvals
- Obtaining of Building Permits
- Obtaining UPC approvals
- Developer approvals review services
- UPC Development Review

SURVEY ENGINEERING

- Geomatics Survey
- Cadastral Survey
- Laser Scanning Survey
- Land Survey
- Real Estate Survey
- Drone Mapping
- Topographical Survey
- Topographic Surveys
 - Pre-construction Surveys
 - Aerial Surveys using UAVs
 - Stockpile Measurements and Volumetric Calculations
 - 3D Scanning
 - GIS Data Collection
 - Bathymetric Surveys
- Construction Survey
- Facility surveys

INFRASTRUCTURE SERVICES

- Urban road design, arterial widening, and intersection improvements
- Street beautification and streets cape design
- Infrastructure assessment reporting
- Water and wastewater infrastructure planning studies
- Potable water and sanitary sewer and storm water infrastructure design
- Construction management, contract administration, and inspection services

ARCHITECTURE CONSULTANCY

EXPERTISE

- Our Services:
- Public Development
- Residential Development
- Educational Establishment
- Retail Buildings
- Health Care Facilities
- Industrial Building

INTERIOR DESIGN

- Our Services:
- Interior Design
 - Interior refurbishment
 - Furniture, fixtures, and equipment

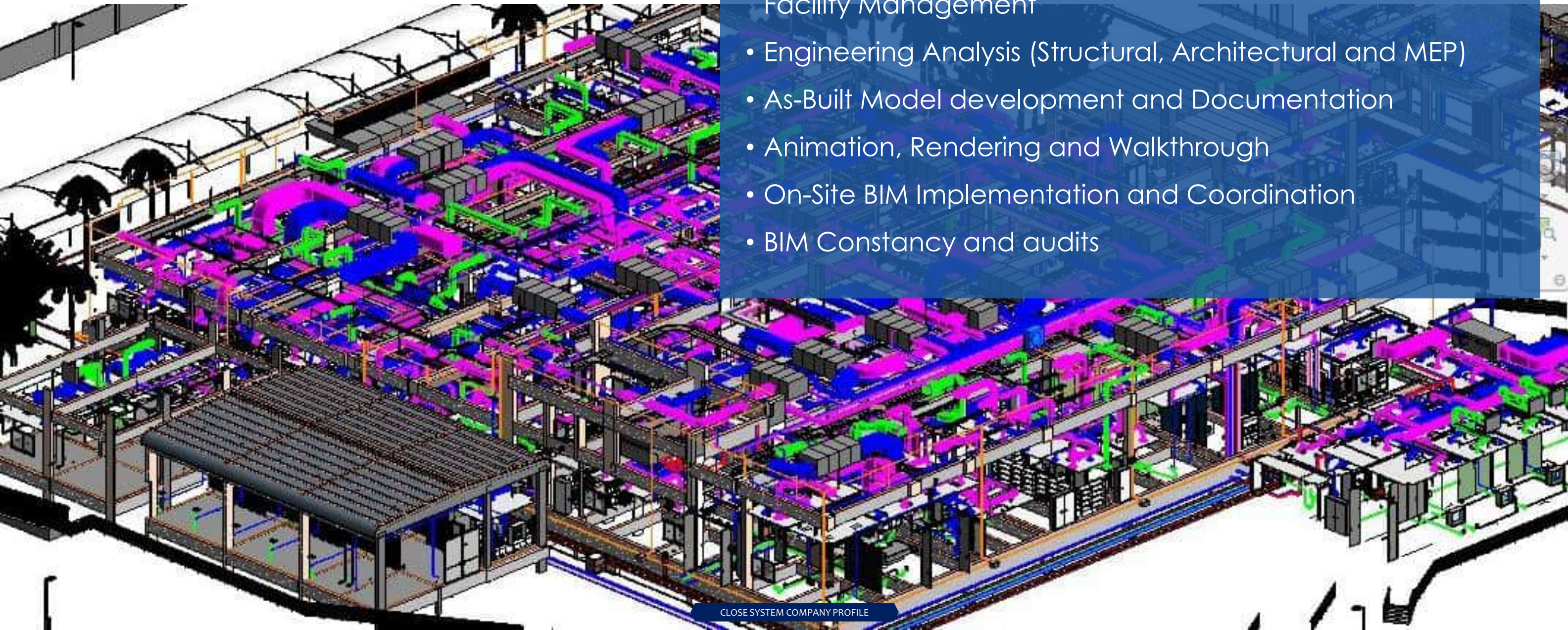


EXPERTISE

BUILDING INFORMATION MODELING

Our Services:

- BIM Model development for Architectural, Structural & MEP Disciplines
- 4D Scheduling, 5D Estimating, 6D Sustainability, 7D Facility Management
- Engineering Analysis (Structural, Architectural and MEP)
- As-Built Model development and Documentation
- Animation, Rendering and Walkthrough
- On-Site BIM Implementation and Coordination
- BIM Constancy and audits



EXPERTISE

MEP CONSULTANCY

Our Services

- Electrical Engineering
- Mechanical Engineering
- Communication Engineering Consultancy
- HVAC Engineering Consultancy
- Sewage/Drainage networks Consultancy
- Act as Independent Commissioning Agency (ICA)

MEP COMMISSIONING

As a result of increasingly complex construction methods and building systems, commissioning has become a critical, if not indispensable, part of a construction project, ensuring a better performing building. Our team can provide the client with the following test activities.

ANEMOMETER



CHILLED WATER MANOMETERS



AIR HOOD BALOMETER



AIR TIGHT TEST (HIGH PRESSURE BLOWER DOOR SYSTEM)



WATER GUN LEAK TEST



LUX TESTER



MEGGER TESTER



THERMAL ANALYSES FOR BUILDING





SUSTAINABILITY CONSULTANCY

- Estidama Design (PQP & ICA)
- Estidama Construction (PQP & ICA)
- Energy Modelling.
- Material review & approval.
- Rating submittal guidance and documentation audits.

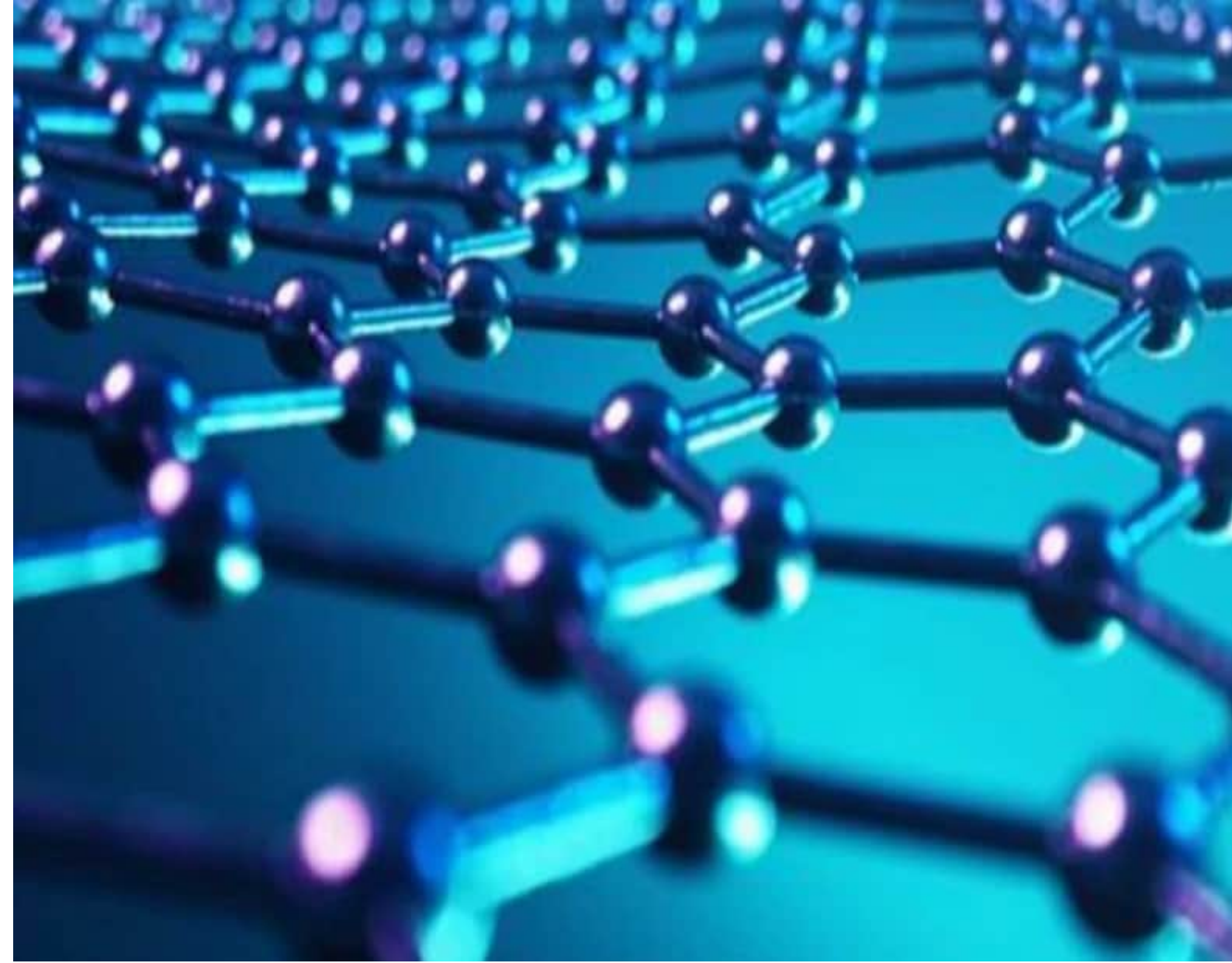
EXPERTISE

- LEED Consultancy and Dubai Green Building Compliance.
- Building Material approvals.
- Construction waste tracking.
- Material review & approvals.
- Rating submittal guidance and documentation audits.
- Sustainability strategy, implementation, and evaluations
- Sustainability assessments
- Sustainability guidelines
- UPC Development Review
- U-Value and Thermal Calculation

EXPERTISE

ENVIRONMENTAL CONSULTANCY

The primary aim of the department is to actively engage with our stakeholders and take a proactive role in advancing sustainable development.



SERVICES

- Environmental Consultant studies
- Environmental Monitoring
- Environmental Modeling
- Pollution Control Technologies
- Waste Management Plans
- HSE consultancy & training

EXPERTISE

SUPERVISION AND MANAGEMENT

Our Project Management service includes:

- Project conceptualization
- Business case development
- Project initiation and planning
- Feasibility studies
- Risk assessment and management
- Quality assurance
- Health and safety practices and planning
- Threat and risk assessments
- Business continuity and disaster recovery planning

Our Supervision service includes:

- Coordination with the Authorities
- Complete civil and MEP supervision.
- Material submittal/shop drawing review and approval.
- Observation of project specification.
- Quality assurance/quality control.
- Attending inspections.
- Site monitoring.



EXPERTISE

INFRASTRUCTURE CONSULTANCY

Our Services:

- Urban road design, arterial widening, and intersection improvements
- Street beautification and streets cape design
- Infrastructure assessment reporting
- Water and wastewater infrastructure planning studies
- Potable water and sanitary sewer and storm water infrastructure design
- Construction management, contract administration, and inspection services



EXPERTISE

ARCHITECT OF RECORDS AND AUTHORITIES APPROVALS

Our AOR services includes:

- Coordination with key people in regulatory bodies such ADM, ADSSC, ADDC, DOH, etc.
- Tracking of approvals process (concept to building permit).
- Changing of land use.
- Application for permit approvals.

Our Permitting services includes:

- Obtaining approvals from the ADM, DOT, ADCD, ADSSC etc.
- Obtaining of NOCs
- Obtaining service protection and relocation approvals.
- Obtaining of Building Permits.
- Obtaining UPC approvals.
- Developer approvals review services.

PLANNING AND CONSULTING

Our services include:

Pre contract

- Project Feasibility Studies
- Estimation/ Tendering/ Analysis
- BOQ Preparation and Review
- Contract Compilation
- Front End Engineering Design

Post contract

- Contractual Correspondence
- Value Engineering
- Scope control
- Claims and Variation
- Change management
- Extension of time
- Estimation Project Management Plan
- Planning and scheduling



EXPERTISE

HEALTHCARE FACILITIES

Our Services:

- Medical planning
- Design
- Supervision
- Urban Planning
- Architecture
- Engineering
- Interior Design
- Landscape Design
- Construction Review and Inspection



EXPERTISE

- Close System surveying team includes professional surveyors and engineers, Geospatial experts, CAD and geomatics technicians, and GIS specialists who are there for every step of the process. They can cover works that involve every type of measuring service that might be required. We are committed to working closely with our clients in the resource, infrastructure, and construction industries, and within the communities we help build.

Our Services:

- Urban road design, arterial widening, and intersection improvements
- Geomatics Survey

SURVEY ENGINEERING

- Cadastral Survey
- Laser Scanning Survey
- Land Survey
- Real Estate Survey
- Drone Mapping
- Topographical Survey
 - Topographic Surveys
 - Pre-construction Surveys
 - Aerial Surveys using UAVs
 - Stockpile Measurements and Volumetric Calculations
 - 3D Scanning
 - GIS Data Collection
 - Bathymetric Surveys
- Construction Survey
- Facility surveys

We are committed to meet all the requirements of our clients and regulatory bodies at all times. All our people are responsible for the quality of work carried out on all of our services.

We have the authority to ensure that quality requirements are met fully and improve our operations quality, maintain the company's competitive advantage, exceed client expectations and comply with the requirements as defined in international standard Quality Management System ISO 9001:2015, Environment Management System ISO 14001:2015 and Occupational Health and Safety Management System OHSAS 18001:2007.

QUALITY POLICY

QHSE POLICY



BIM PROJECTS



BIM PROJECT

RESIDENTIAL AND COMMERCIAL BUILDINGS ABU DHABI

This new building design by one of the Architects of CSC is composed of residential and commercial uses.

The design was inspired by modern buildings which has good and efficient spaces suitable for offices, retails and other commercial uses. The residential floors have been designed to accommodate families.

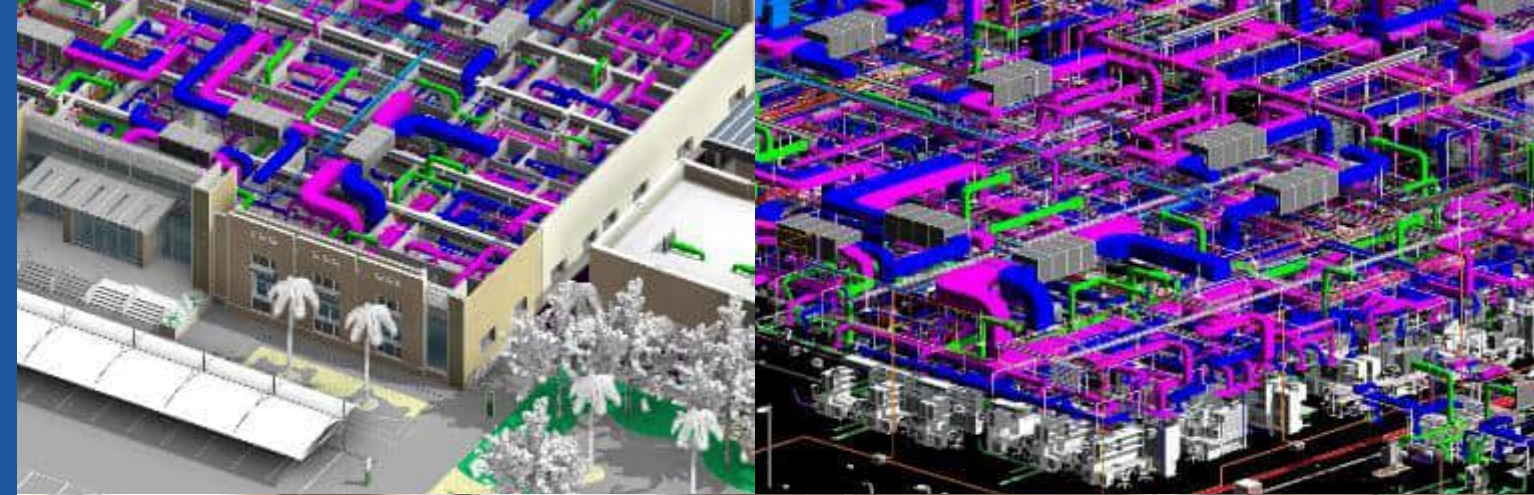
Located at Mohammad Bin Zayed, Abu Dhabi.



The project is for Veterinary hospitals located in three areas in the UAE; Abu Dhabi, Al Ain, and Western Region.

The main scope of work of Close System is the production of the Building Information Model (BIM) solutions to coordinate the Architecture, Structure and all other Engineering disciplines of the project design, generating clash detection and addressing problems related to all technical coordination aspects.

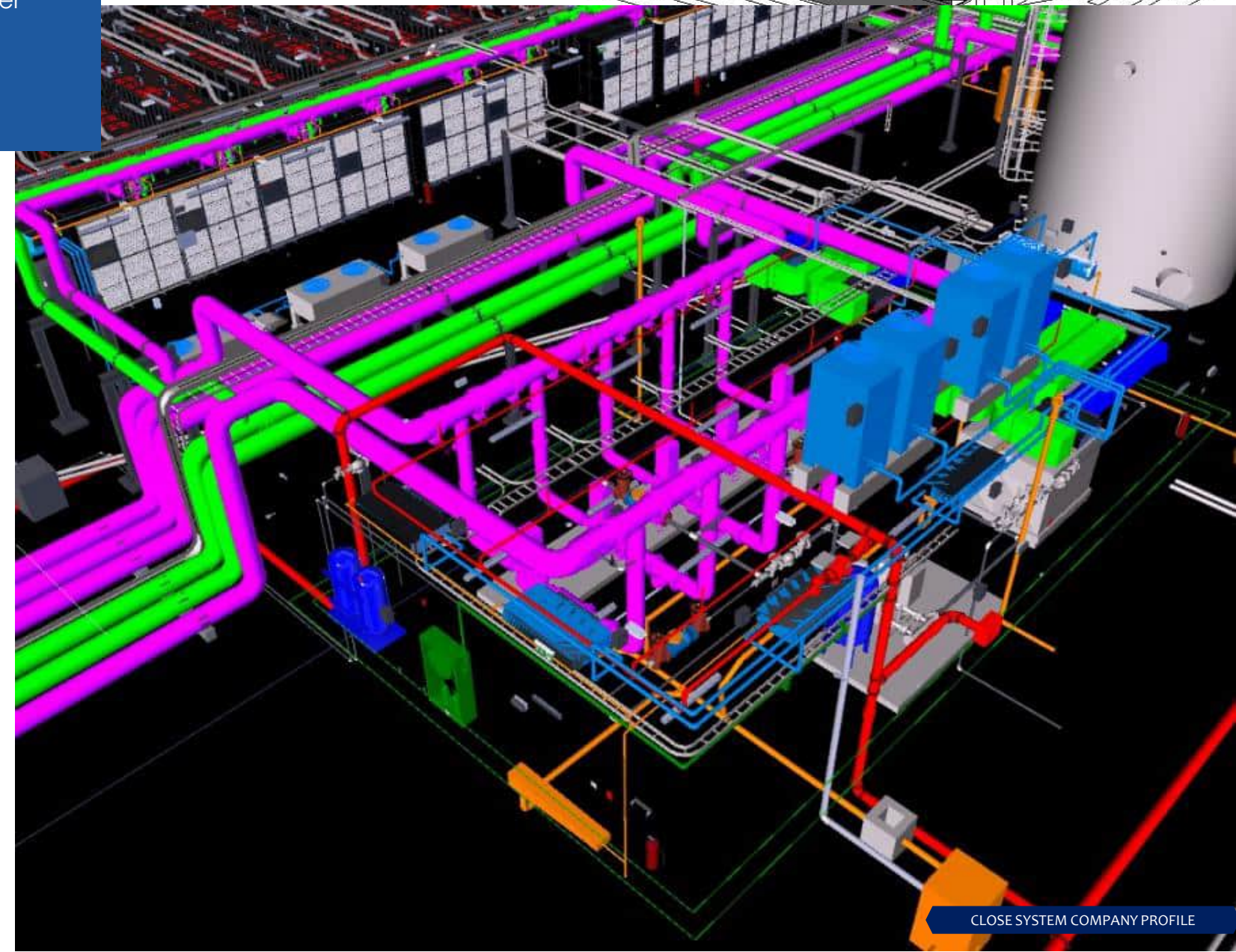
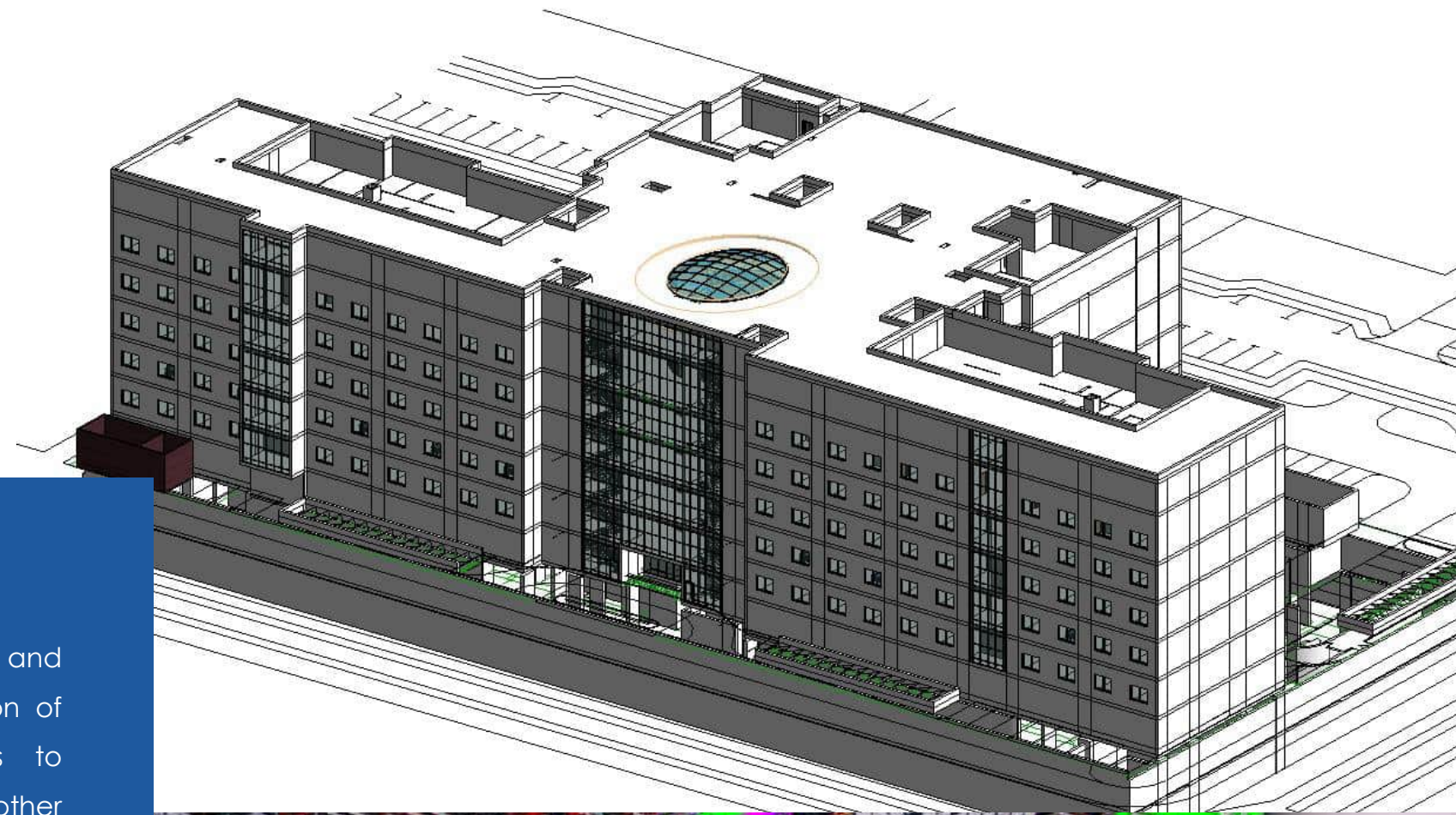
The project is owned by Abu Dhabi Food Control Authority or ADFCA".



BIM PROJECT

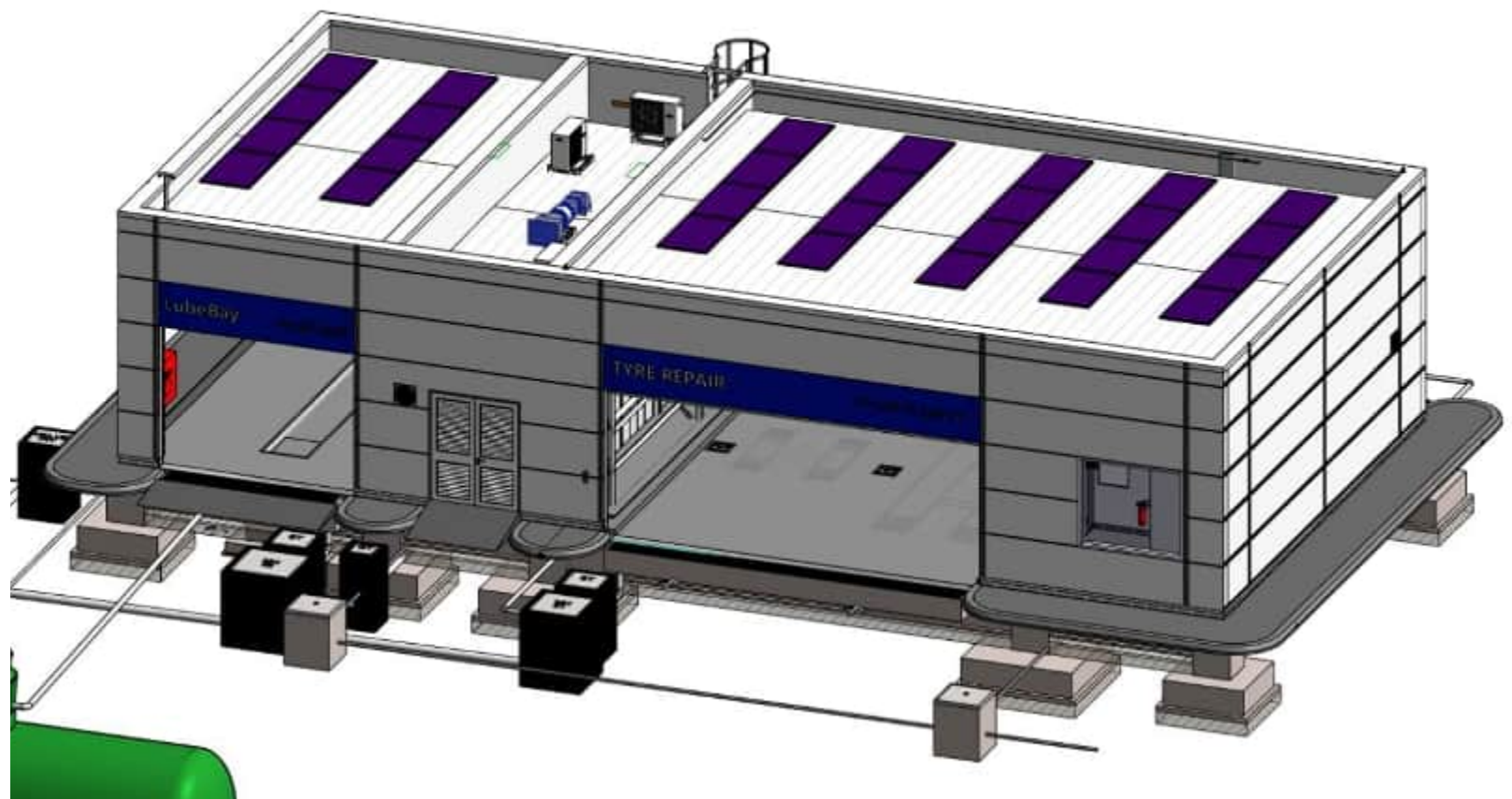
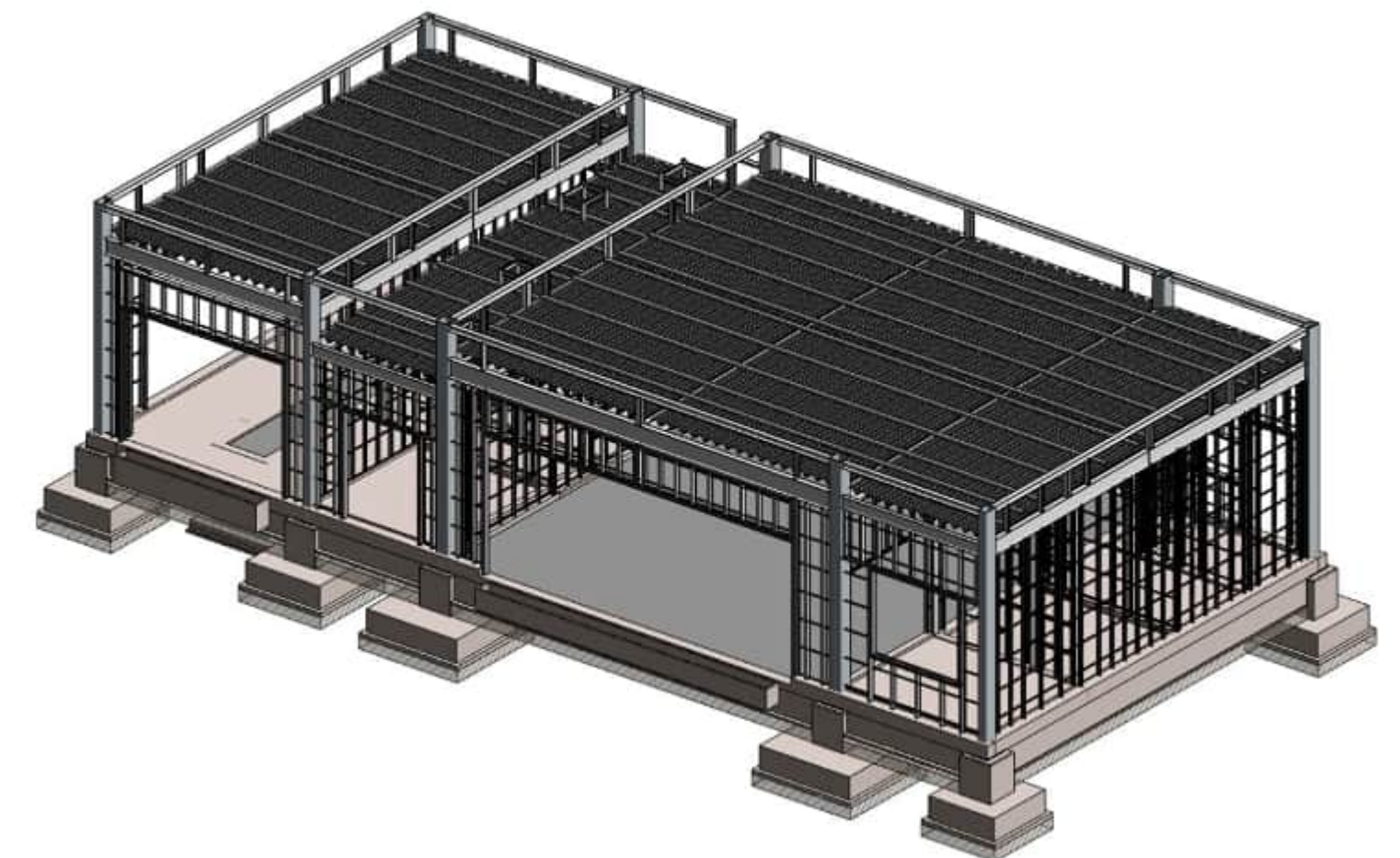
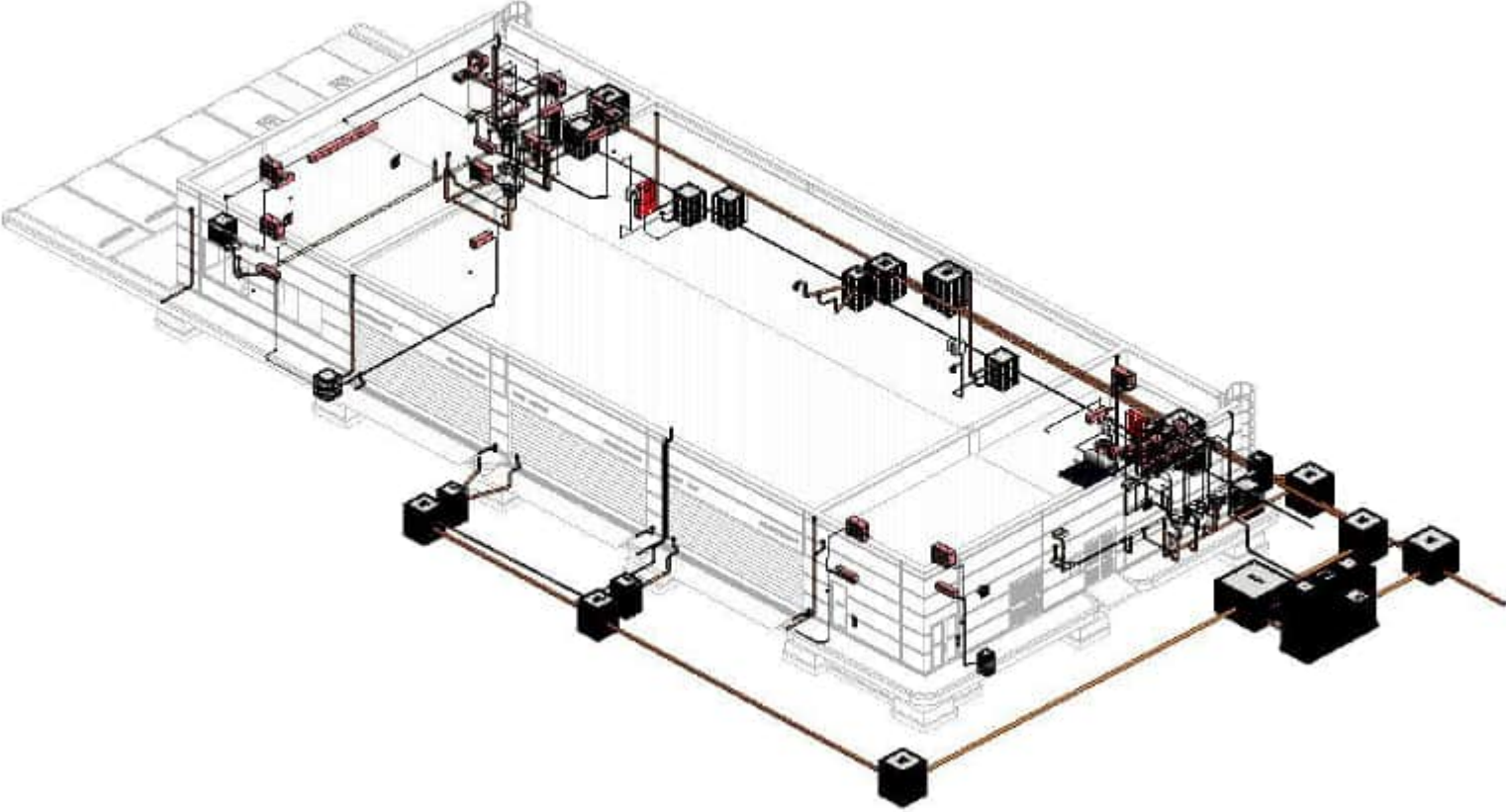
VETERINARY HOSPITALS

The project is for a Maternity Hospital in Abu Dhabi.
The main scope of work of Close System is the design and supervision of the project which includes production of the Building Information Model (BIM) solutions to coordinate the Architecture, Structure and all other Engineering disciplines .



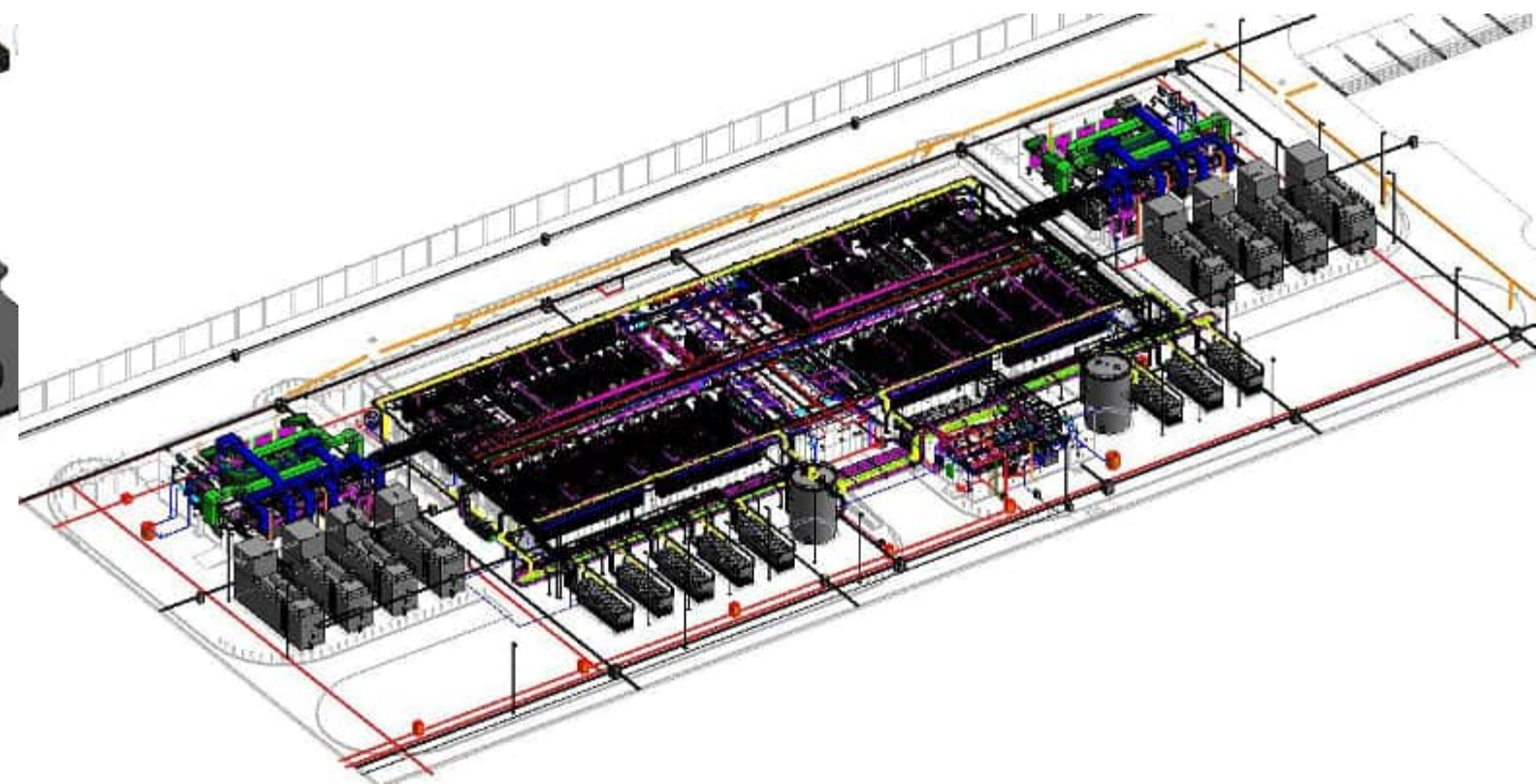
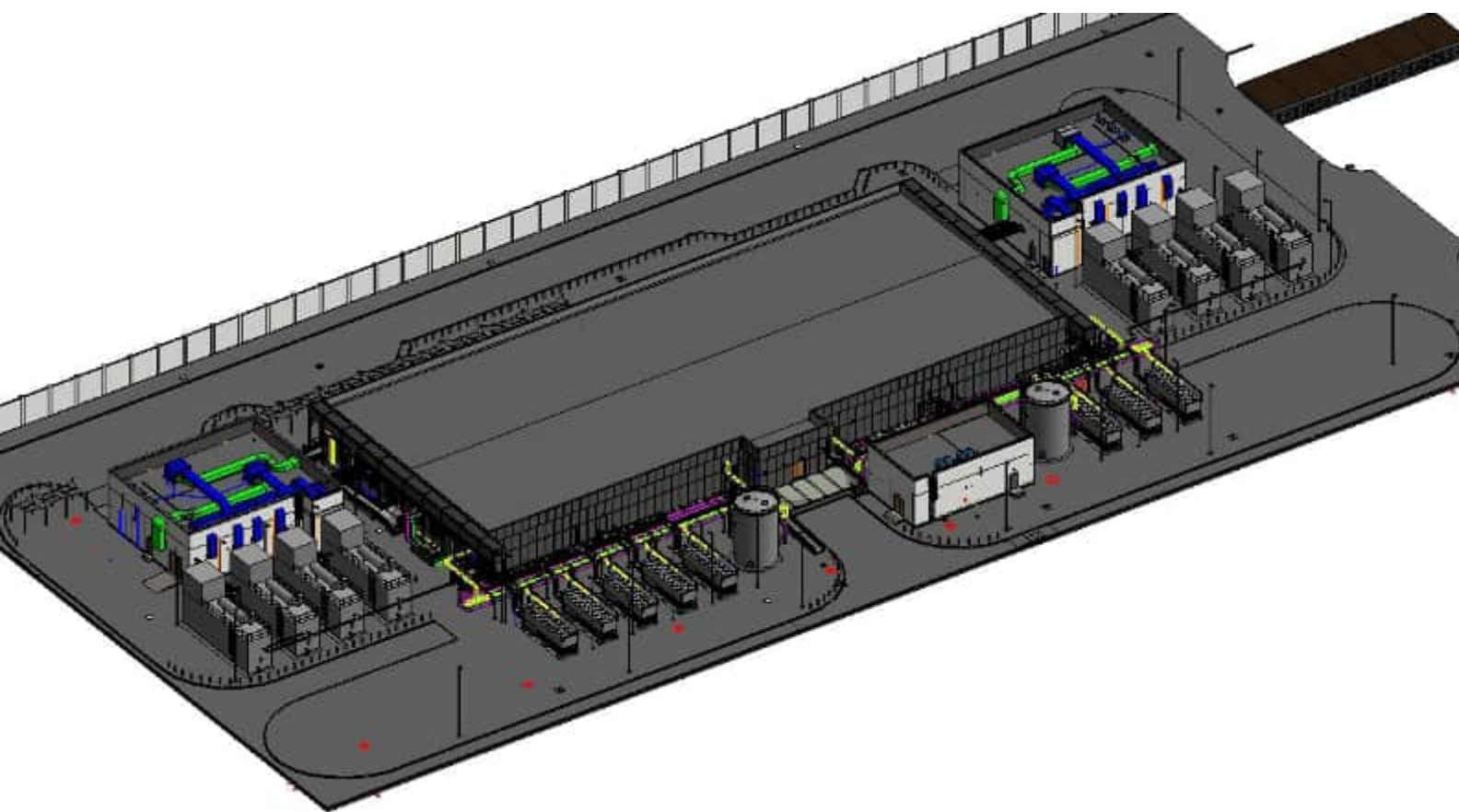
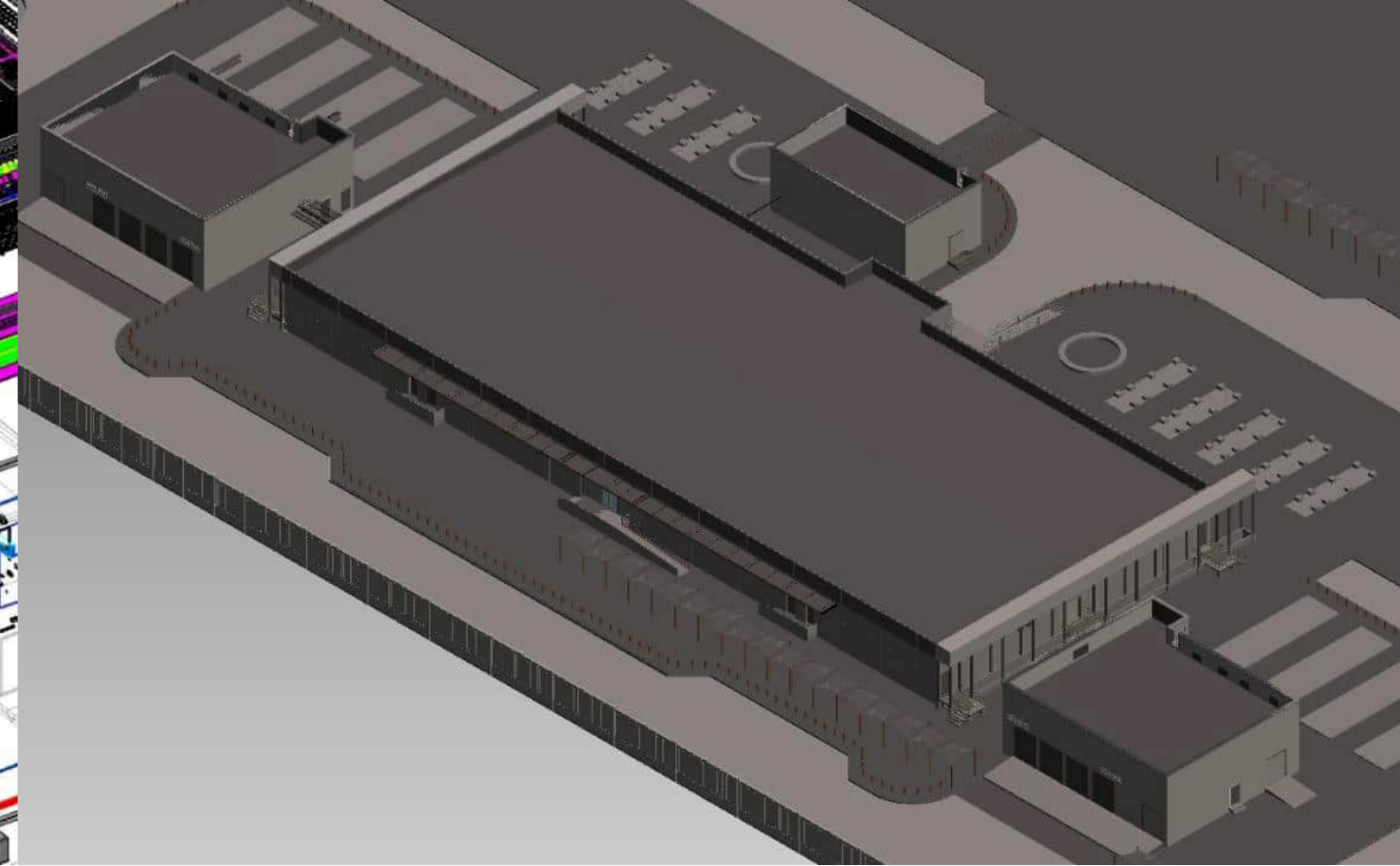
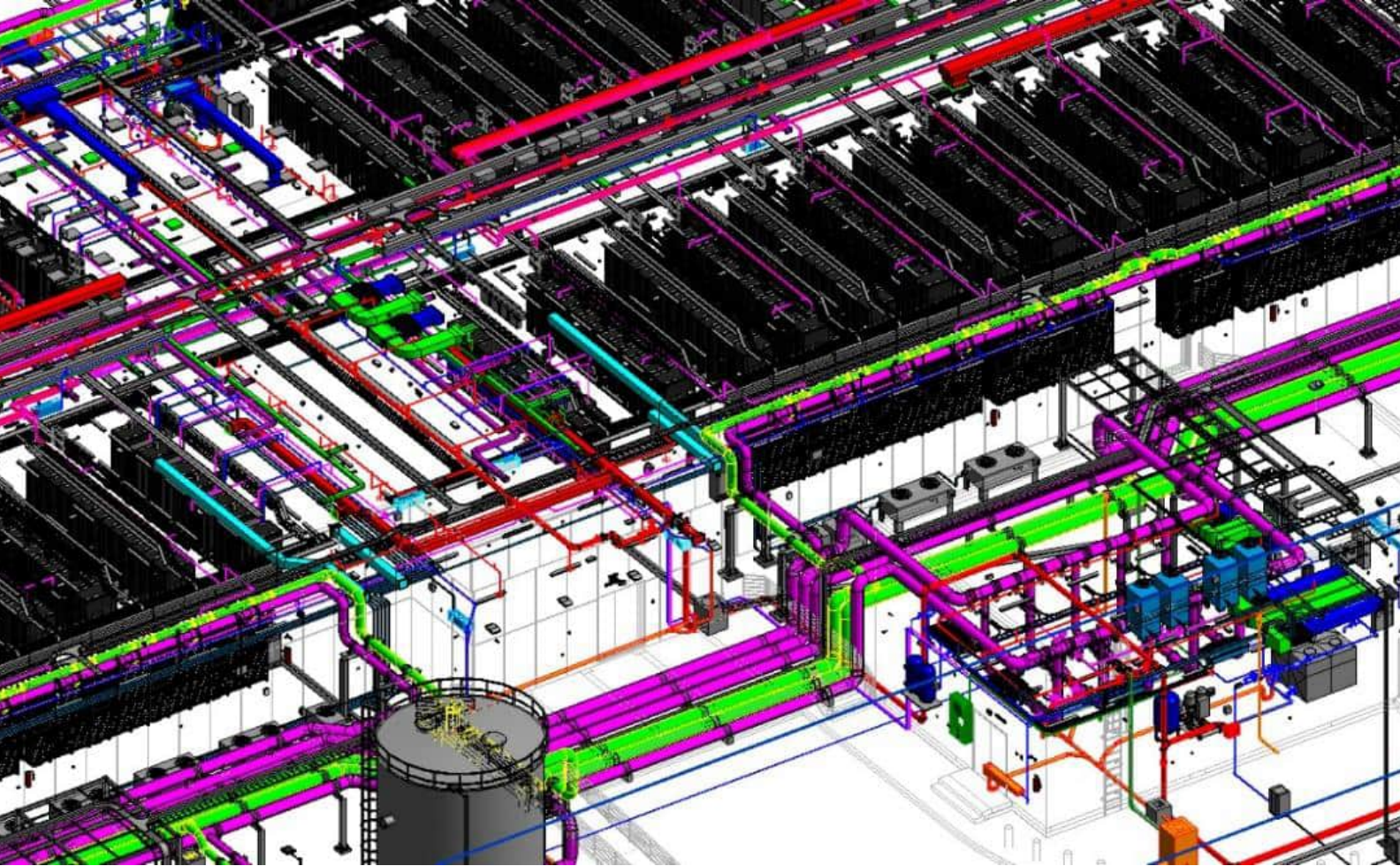
**BIM
PROJECT**

**MATERNITY HOSPITAL
ABU DHABI**



AUTOSERVE BUILDING BIM PROJECT

The main scope of work of Close System is the production of the Building Information Model (BIM) solutions to coordinate the Architecture, Structure and all other Engineering disciplines of the project design, viewing clash detection and addressing problems related to all technical coordination aspects.



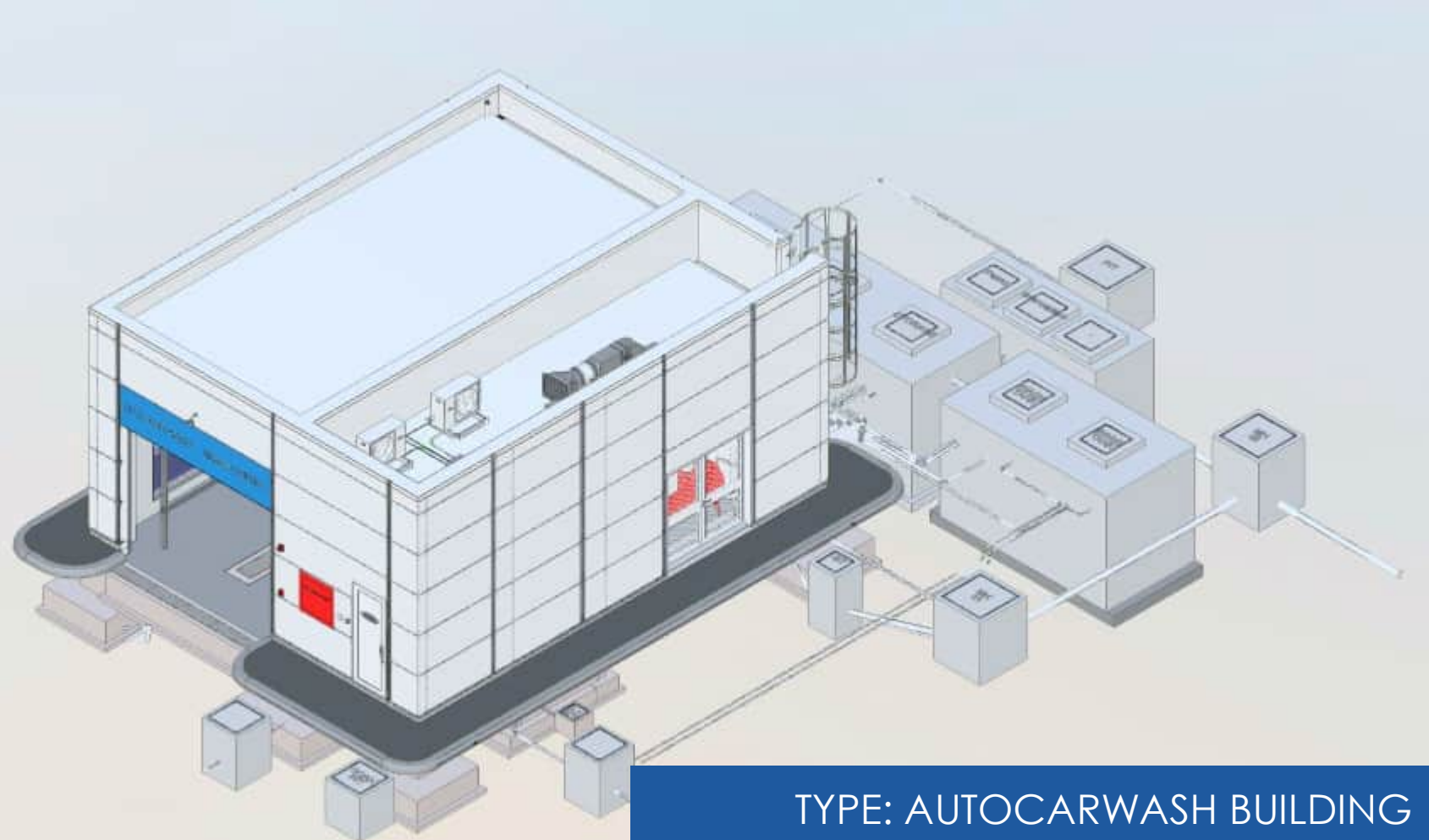
DATA CENTER

BIM PROJECT

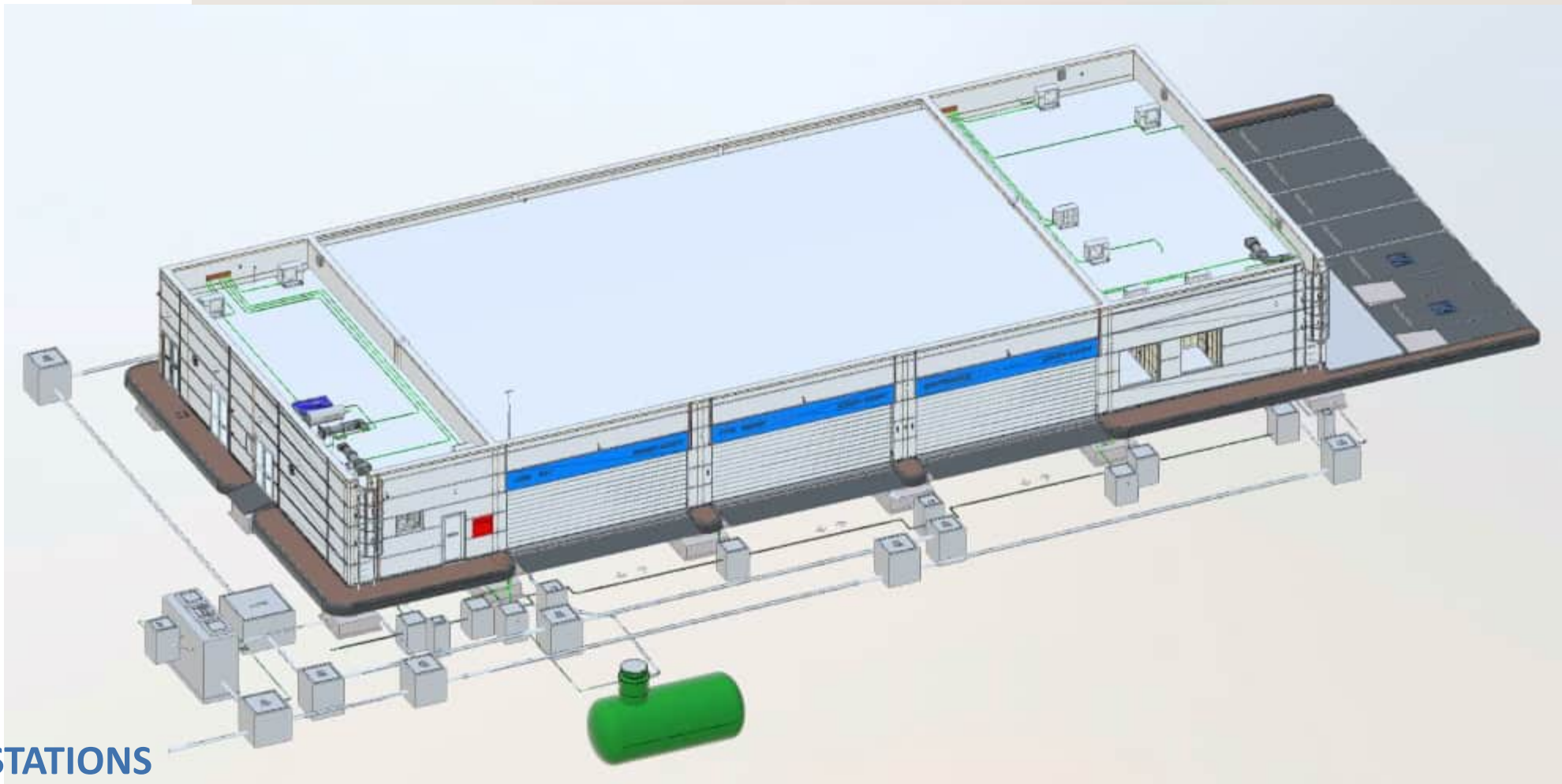
The main scope of work of Close System is the production of the Building Information Model (BIM) solutions to coordinate the Architecture, Structure and all other Engineering disciplines of the project design, viewing clash detection and addressing problems related to all technical coordination aspects.



TYPE: AMENITY BUILDING
LOCATION 1, ABU DHABI, UAE



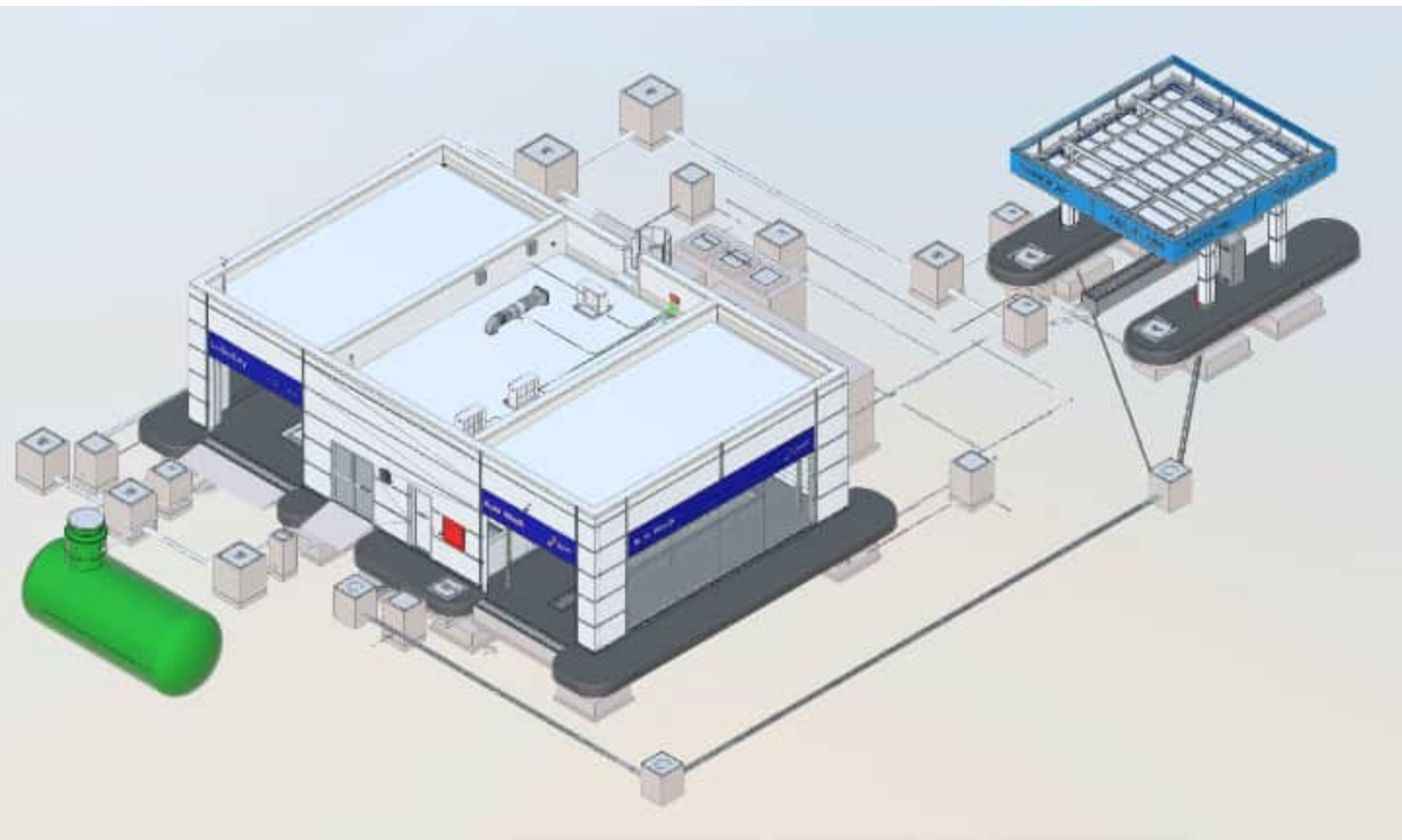
TYPE: AUTOCARWASH BUILDING
LOCATION 2, ABU DHABI, UAE



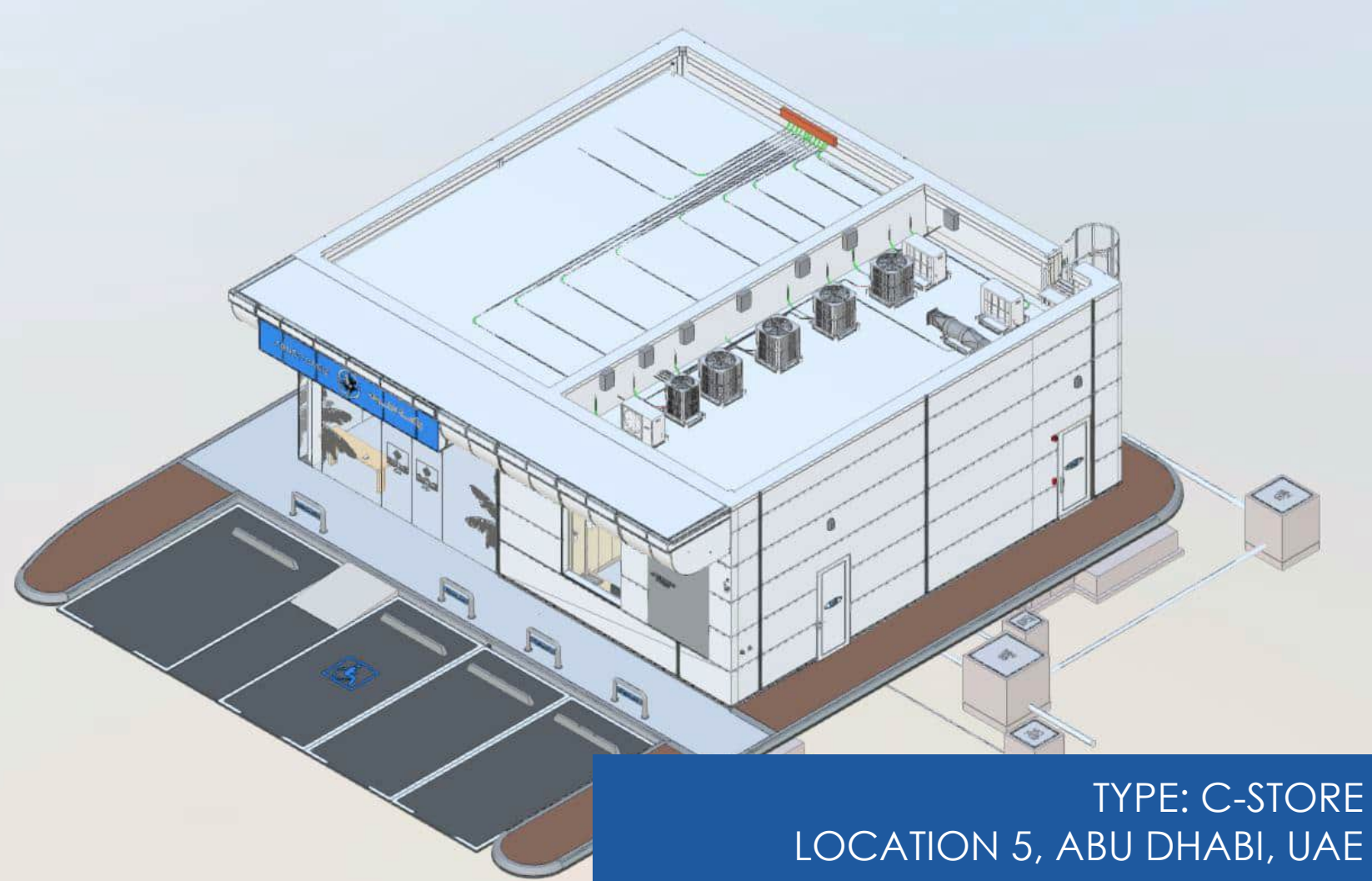
TYPE: AUTOSERVE BUILDING
LOCATION 3, ABU DHABI, UAE

**FEATURED
PROJECT**

ADNOC FILLING STATIONS
(16 LOCATIONS)



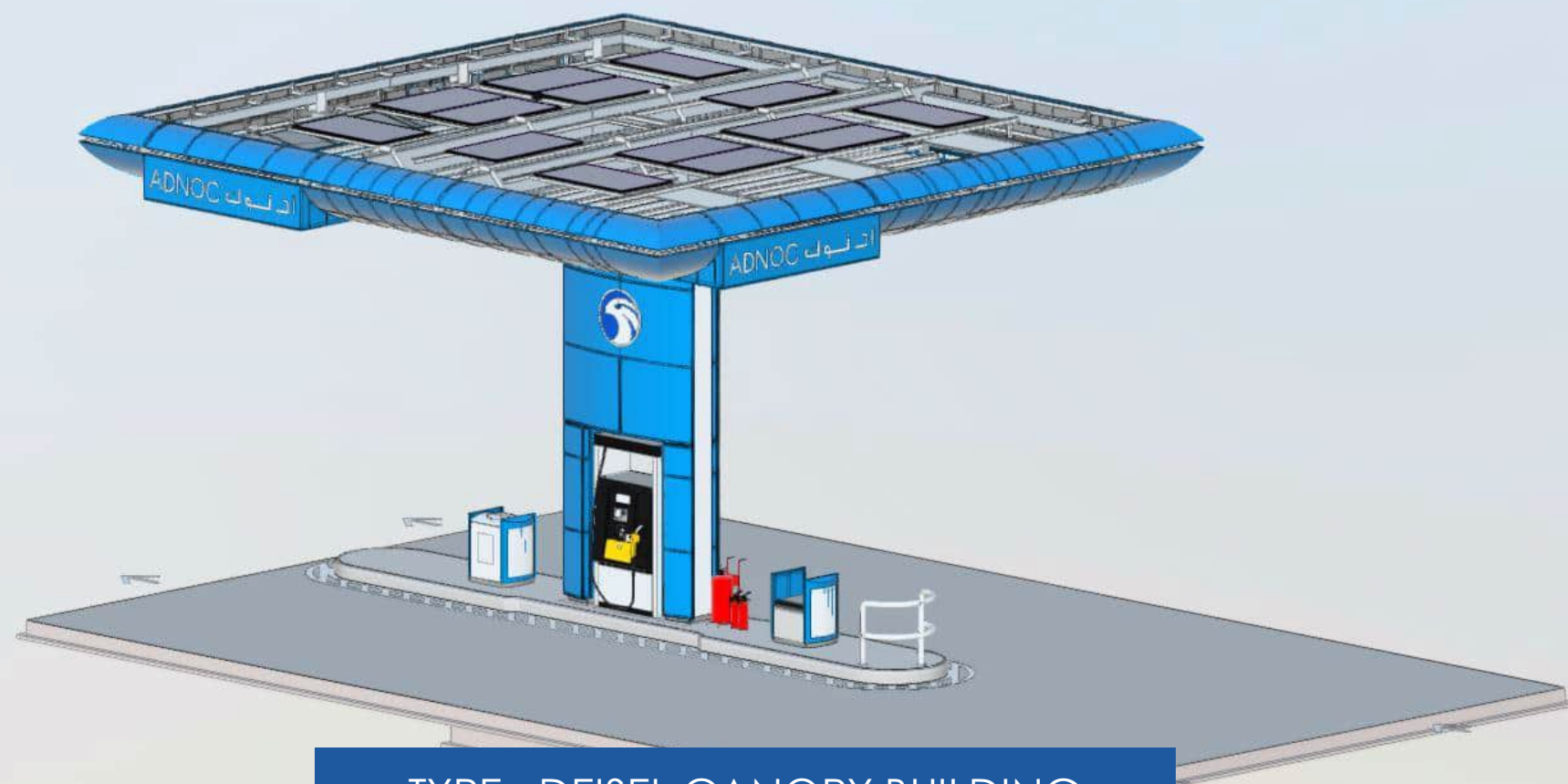
TYPE: CAR SERVICE BLOCK BUILDING
LOCATION 4, ABU DHABI, UAE



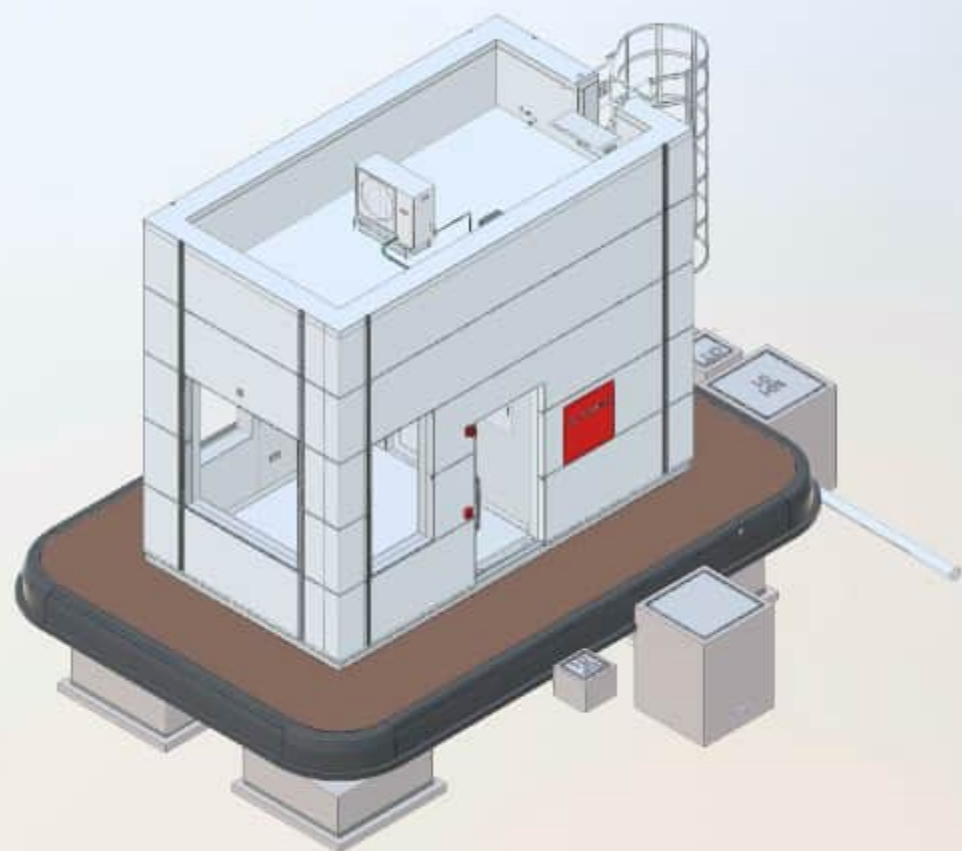
TYPE: C-STORE
LOCATION 5, ABU DHABI, UAE

FEATURED PROJECT

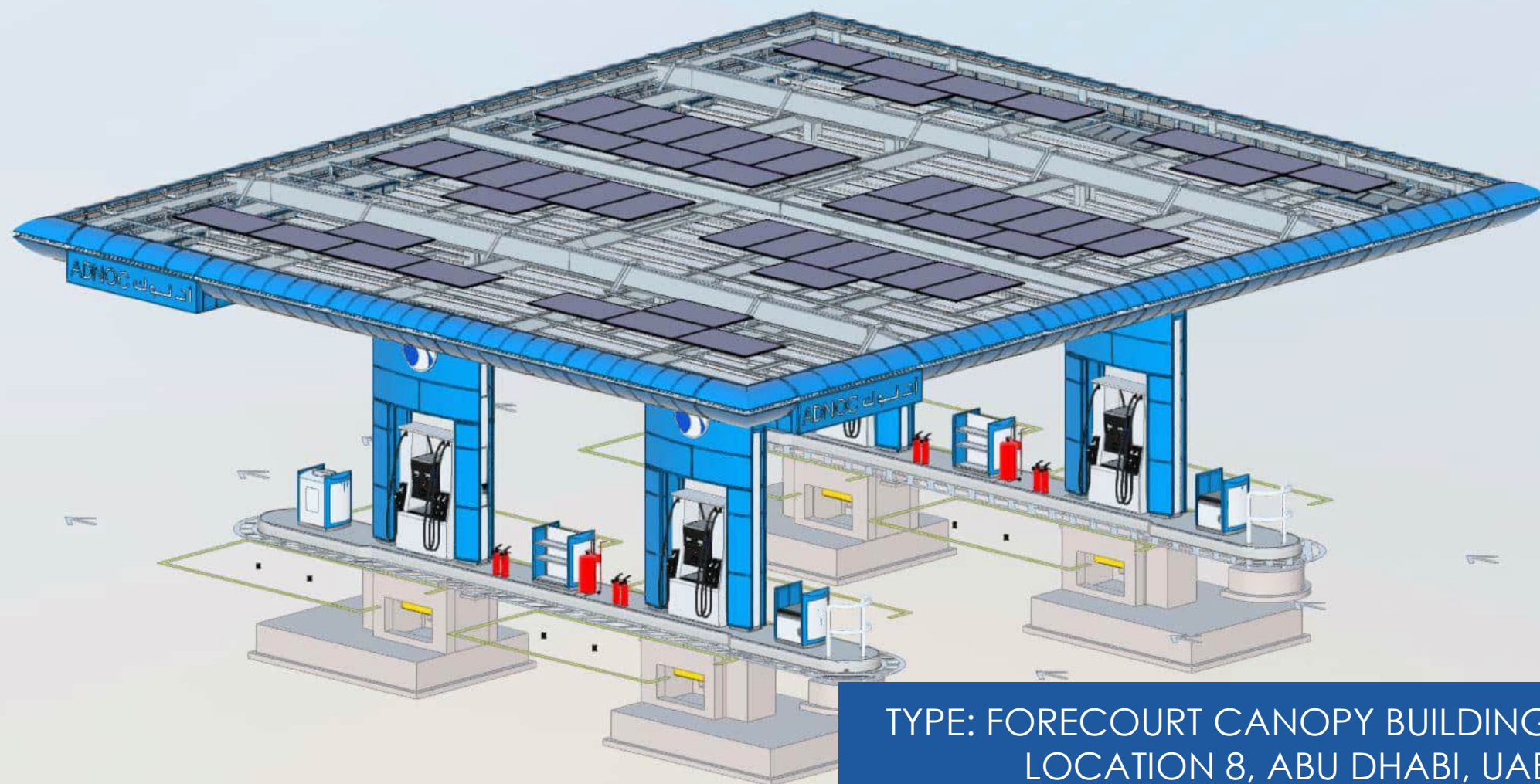
ADNOC FILLING STATIONS
(16 LOCATIONS)



TYPE: DIESEL CANOPY BUILDING
LOCATION 6, ABU DHABI, UAE



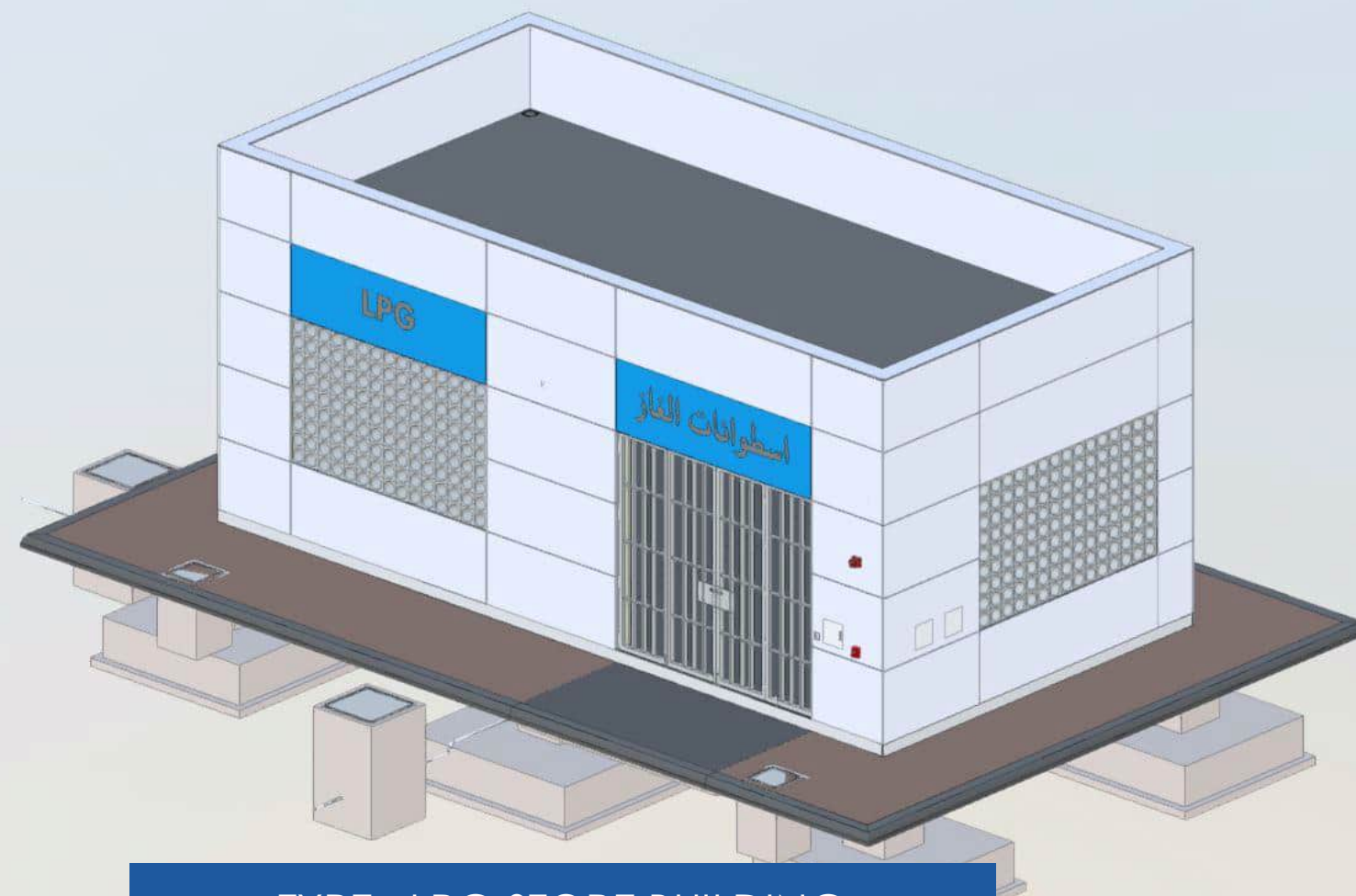
TYPE: DESISEL OPERATOR ROOM
LOCATION 7, ABU DHABI, UAE



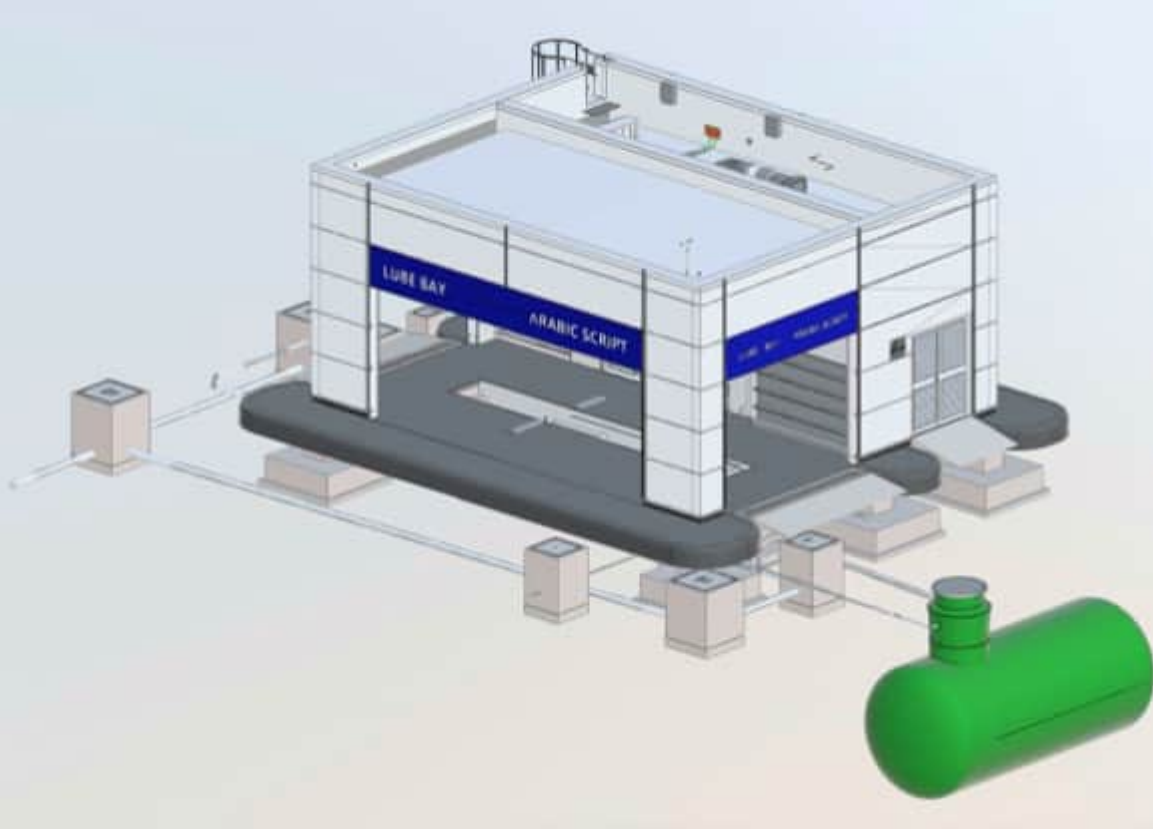
TYPE: FORECOURT CANOPY BUILDING
LOCATION 8, ABU DHABI, UAE

FEATURED PROJECT

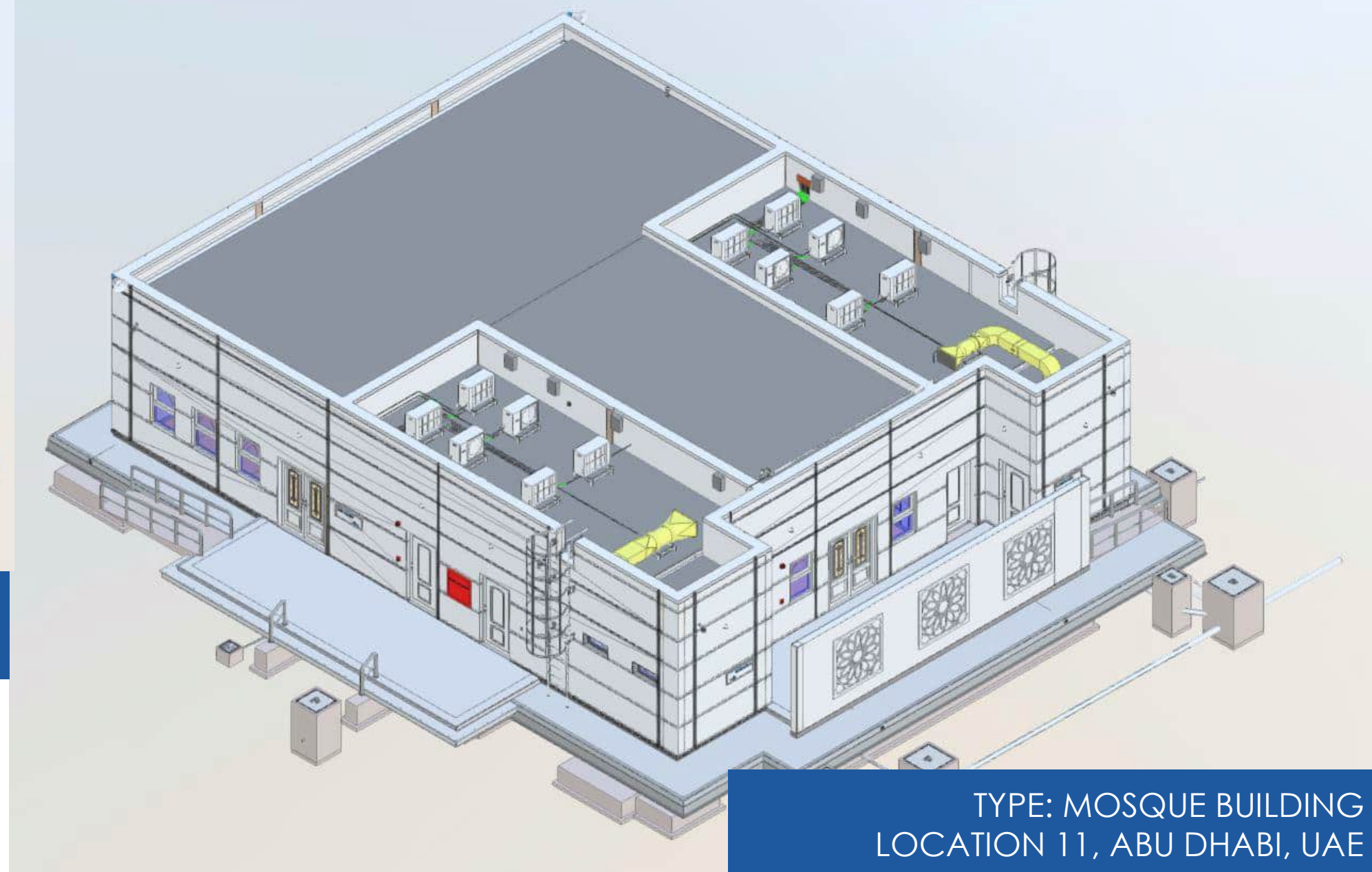
ADNOC FILLING STATIONS
(16 LOCATIONS)



TYPE: LPG STORE BUILDING
LOCATION 9, ABU DHABI, UAE



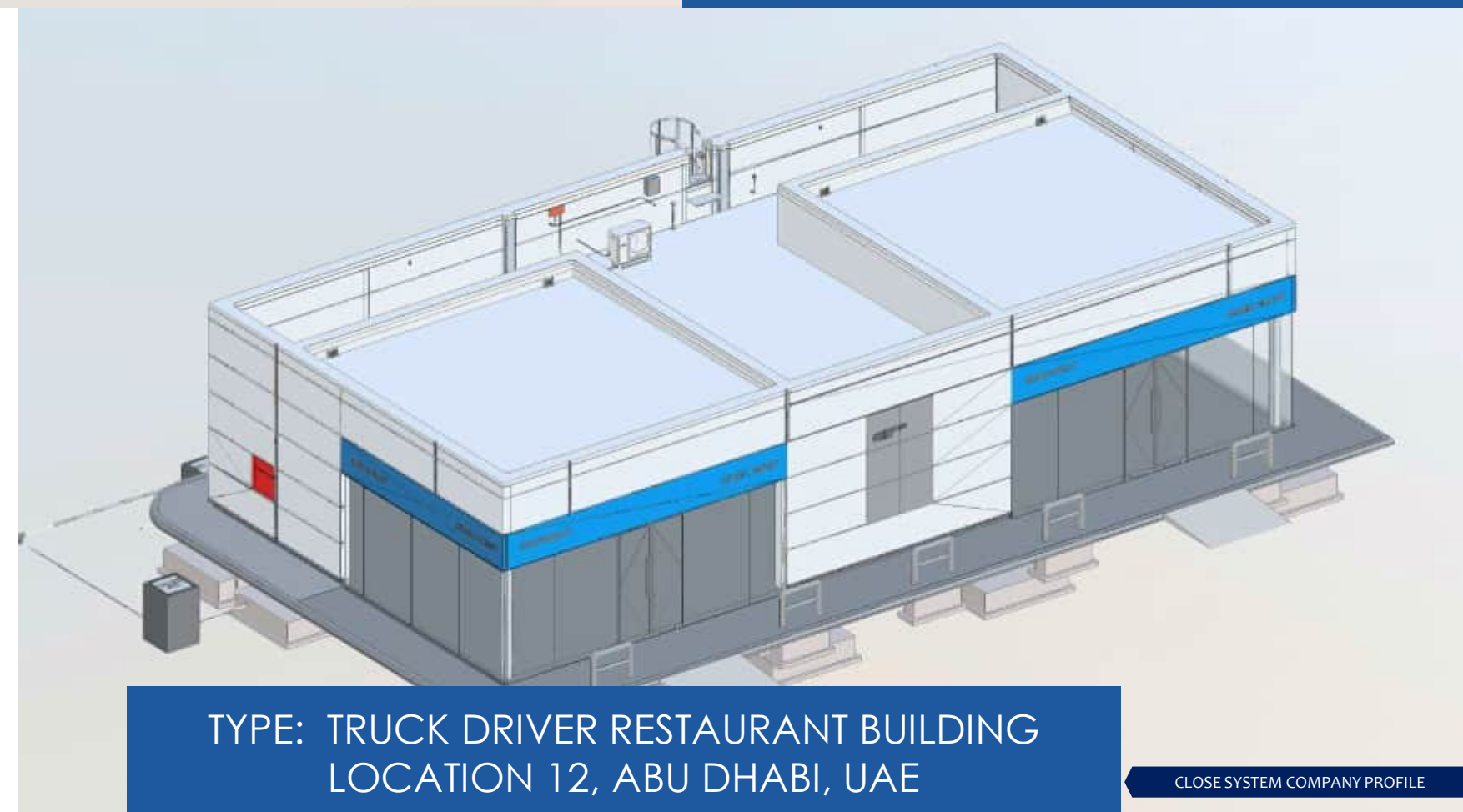
TYPE: LUBE BAY BUILDING
LOCATION 10, ABU DHABI, UAE



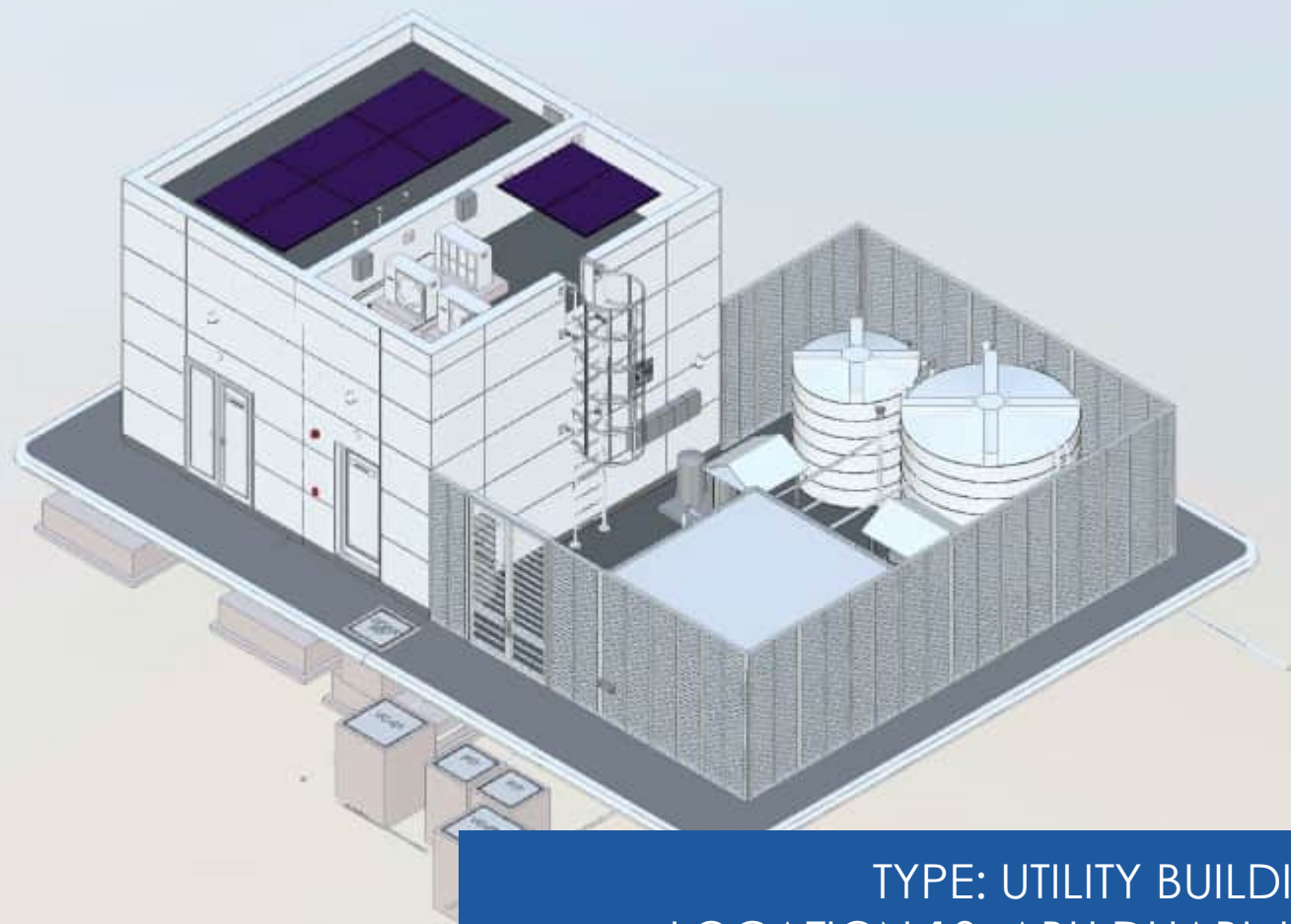
TYPE: MOSQUE BUILDING
LOCATION 11, ABU DHABI, UAE

FEATURED PROJECT

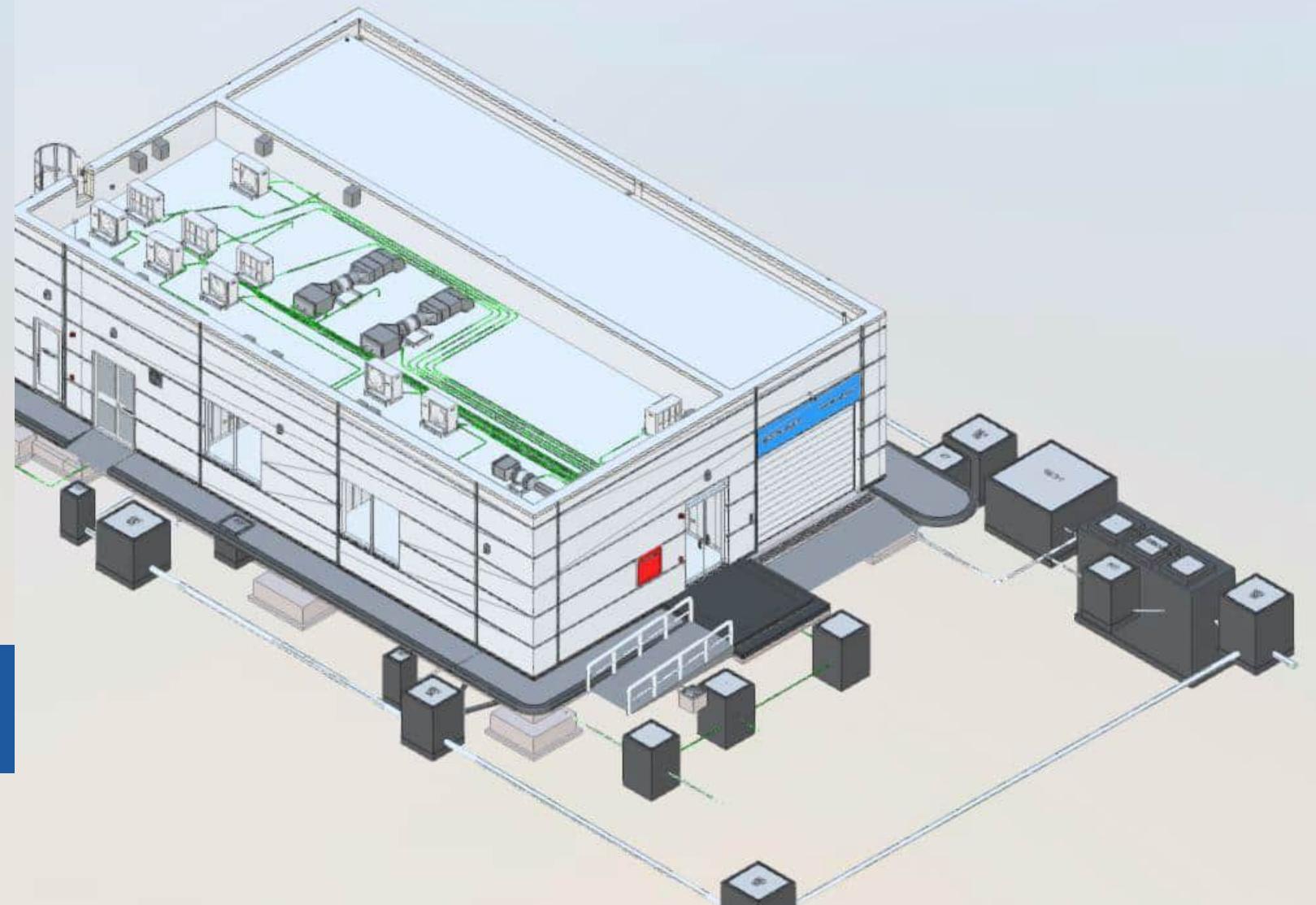
ADNOC FILLING STATIONS
(16 LOCATIONS)



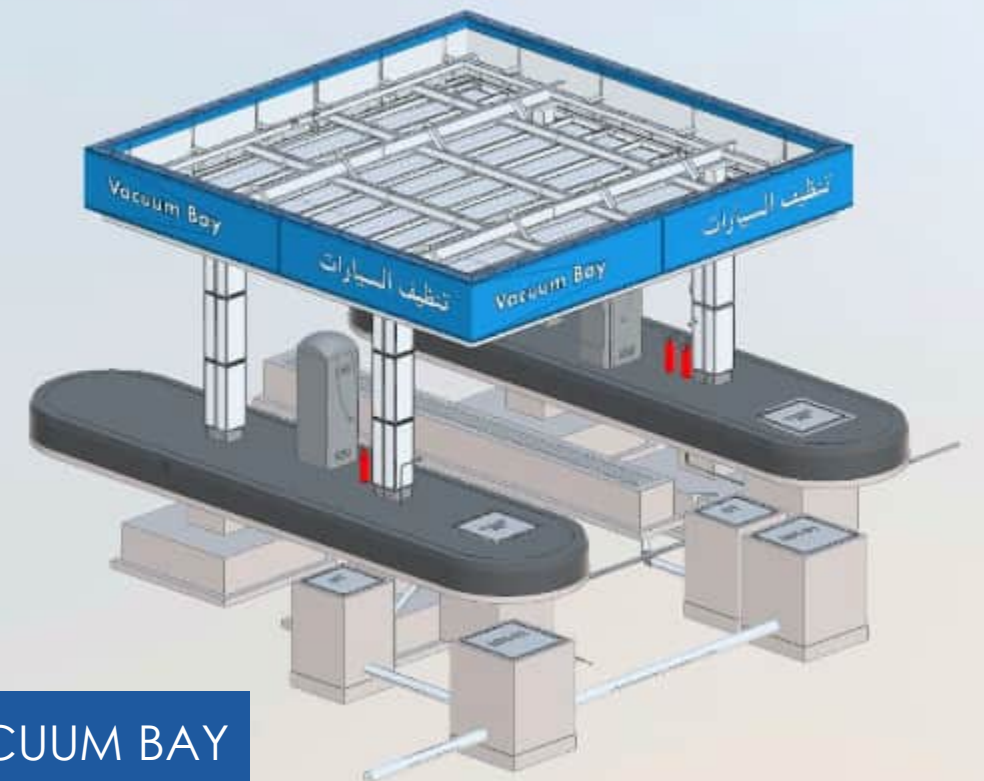
TYPE: TRUCK DRIVER RESTAURANT BUILDING
LOCATION 12, ABU DHABI, UAE



TYPE: UTILITY BUILDING
LOCATION 13, ABU DHABI, UAE



TYPE: VIL BUILDING
LOCATION 14, ABU DHABI, UAE



TYPE: VACUUM BAY
LOCATION 15, ABU DHABI, UAE

**FEATURED
PROJECT**

ADNOC FILLING STATIONS
(16 LOCATIONS)



TYPE: VIL BUILDING
LOCATION 16, ABU DHABI, UAE

FEATURED PROJECT

ADNOC FILLING STATIONS
(16 LOCATIONS)



BUILDING PROJECTS



FANDI TOWER



HAMEEM LABOUR CAMP



HOSPITAL BUILDING E3 PLOT NO 74



AL RAHA RESIDENTIAL BUILDINGS



AL DEHEIMI BUILDING



AL OWAIS BUILDING



BIN TAHNOON BUILDING



ADSC HEAD OFFICE BUILDING



C71-C72 RAWDHAT BUILDING



M.K. RESIDENCE



SUDAN EMBASSY BUILDINGS



HAMDAN & SAEED BUILDINGS



CFP & CFS WAREHOUSE- KIZAD



QURAN CENTER

BUILDING PROJECTS



LIWA SHOPPING CENTER



AL AIN UNIVERISTY BUILDINGS - AL AIN



AL AIN UNIVERISTY 3D



AL BAHIA NURSERY - BUILDINGS



AL AIN UNIVERSITY CAMPUS – ABU DHABI



LIWA SHOPS



EUROPEAN MATERNITY HOSPITAL



THE ONE SHOWROOM



AL DAFRAH



DELMA PORT

BUILDING PROJECTS



DATA CENTER & INFRASTRUCTURE PROJECTS



APOLLO HUAWEI DATA CENTER



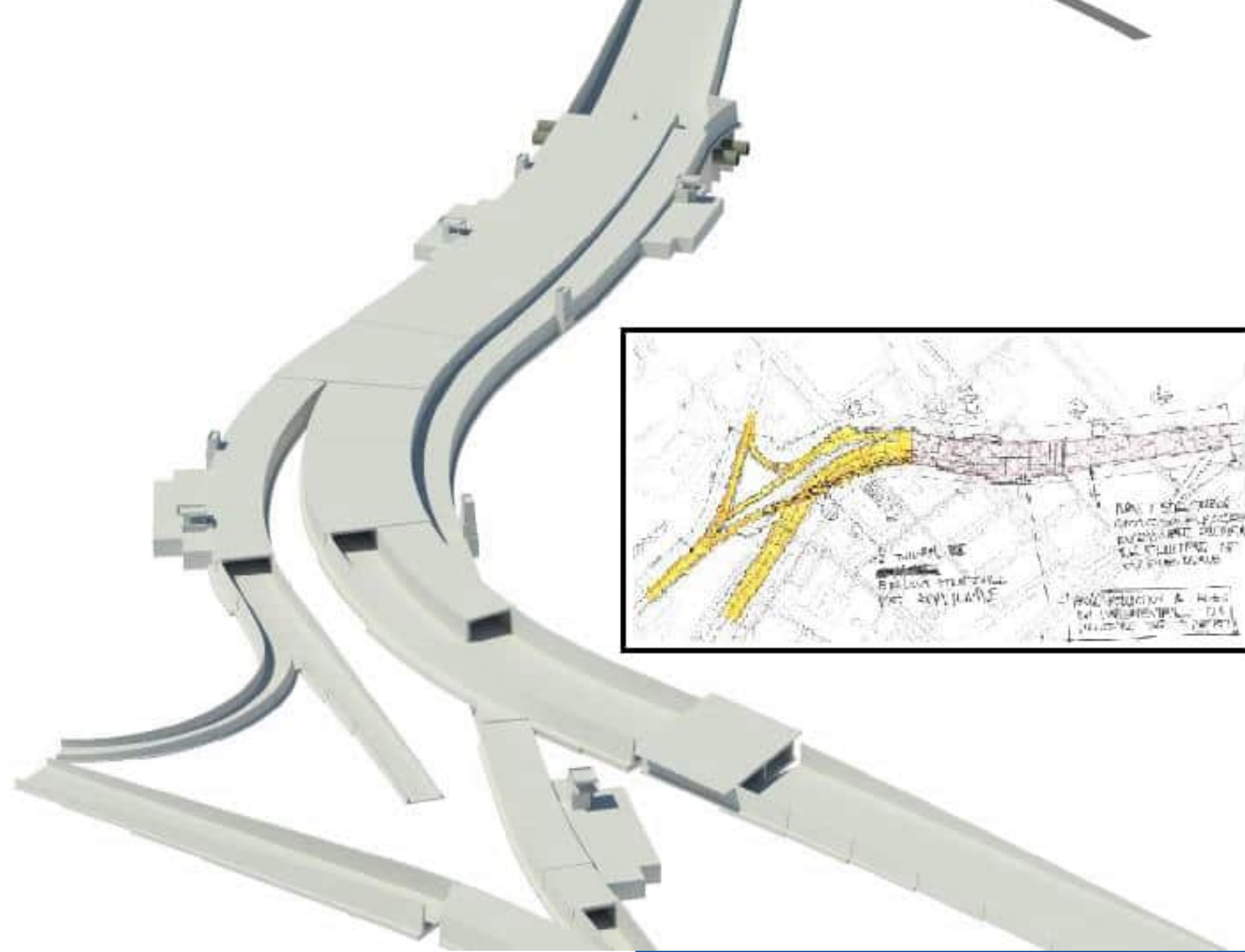
AL KHAZNA DATA CENTER

IRIS – KIZAD DATA CENTER

DATA CENTER & INFRASTRUCTURE

SCOPE OF WORK:

- Road Geometry
- Road Pavement
- Road Safety Audit
- Signage and marking
- Irrigation
- Storm Water
- Landscape
- Structure
- Lighting
- Material Design
- Addressing
- Geotechnical
- Road Services



PROJECT:
DEVELOPMENT OF ROAD NETWORK AT
MINA ZAYED – PHASE 1 – MAIN
TUNNEL

INFRASTRUCTURE



The project, construction of treated water irrigation of main line located in Liwa town is owned by Wester Region municipality.

The project started June 2019 and had been completed successfully on the year 2020.

Scope of Close System is the preparation of detailed drawings to get approvals from the required Authorities in the western region.

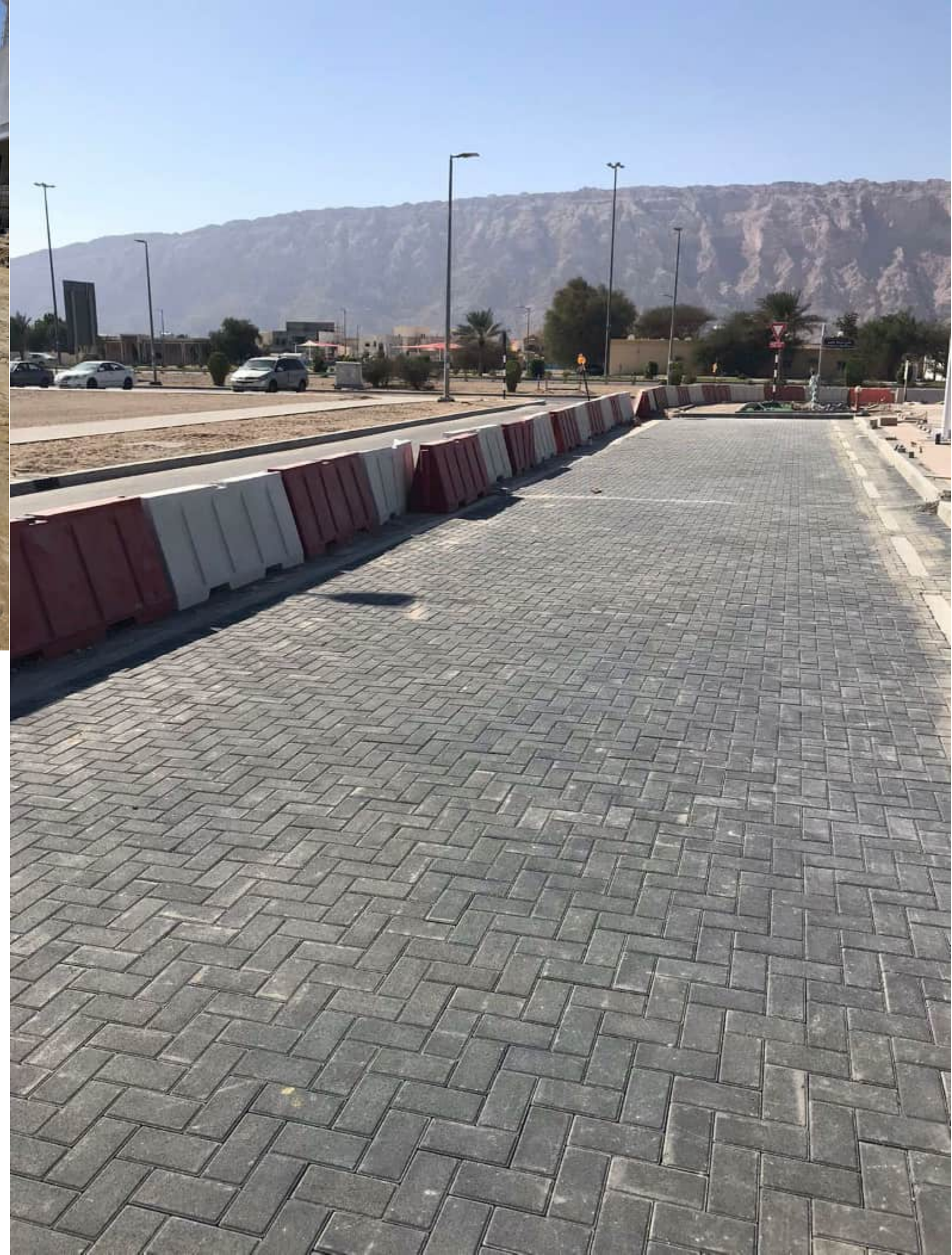
CLIENT:
Agriculture Contracting Est.

LOCATION:
Western Region, Abu Dhabi, UAE

WATER IRRIGATION MAIN LINE - LIWA



ROAD & INFRASTRUCTURE PROJECT



Scope of Close System is the preparation of detailed drawings to get approvals from the required Authorities in the western region.

CLIENT:
Presidential Court

LOCATION:
Al Ain, UAE

PRESIDENTIAL COURT

ROAD & INFRASTRUCTURE PROJECT



EXTERNAL PARKING FOR RESTAURANT AT AL AIN

CLIENT:
Lamarz Restaurant

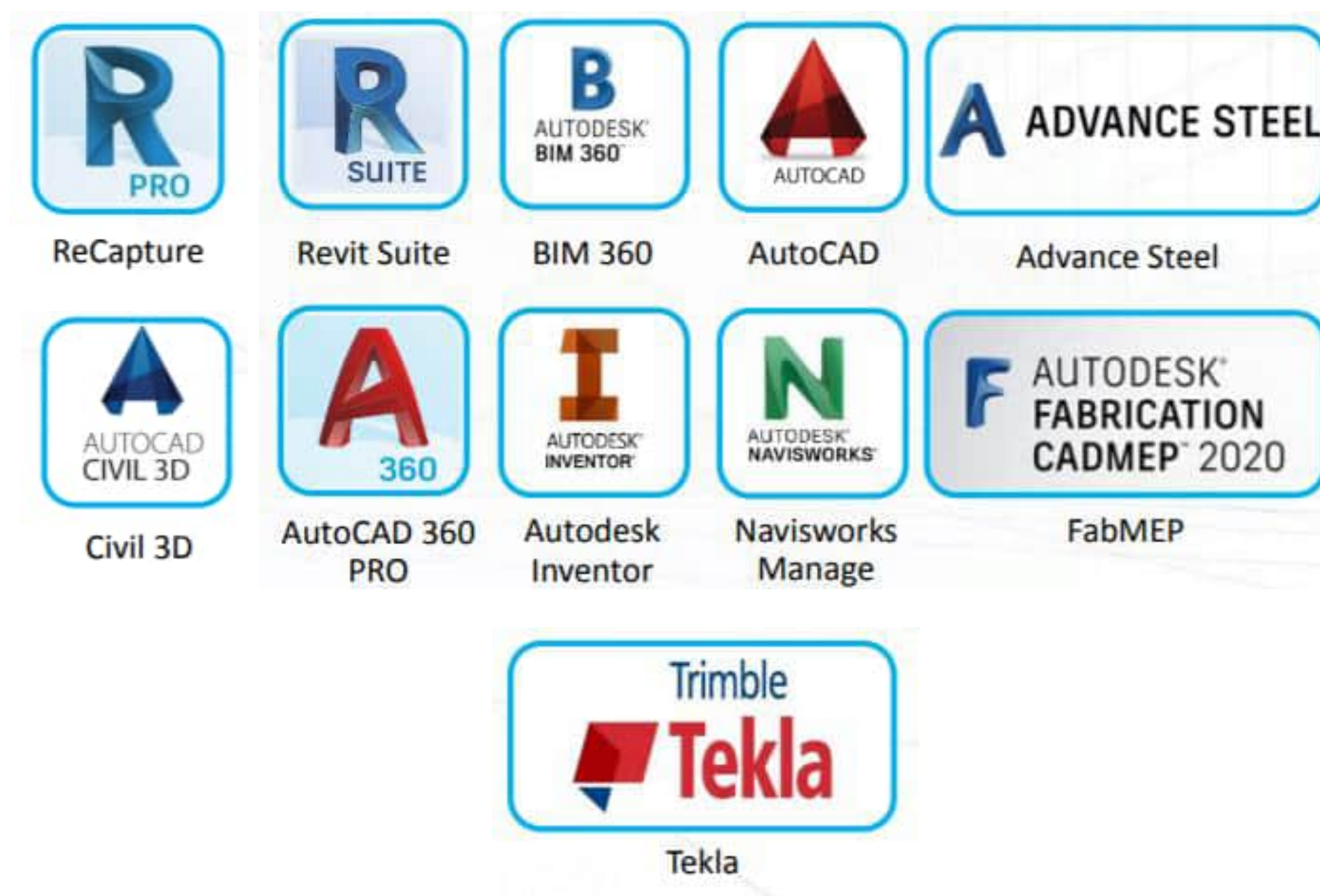
LOCATION:
Al Ain, UAE

Consider hiring experienced contractors or consultants who have knowledge of local regulations and can assist in the design and construction process.

Always consider the specific needs of the restaurant and its customers when planning and executing the external parking renovation. Collaboration with local authorities and adherence to regulations are crucial for a successful and compliant project.

ROAD & INFRASTRUCTRE
PROJECT

SOFTWARE PROFICIENCY





SUSTAINABILITY PROJECTS



LOCATION:
Abu Dhabi, UAE

PROJECT MANAGER:
Swiss Project Management Consultancy

EUROPEAN MATERNITY HOSPITAL

SUSTAINABILITY PROJECT

The European Maternity Hospital is purposely set to be situated in the Khalifa City area in order to maximize the number of families that would benefit from their specialized services. The hospital has a capacity of 100 beds (postnatal and antenatal bed), plus ICU and NICU department, serve by respected departments such as operation rooms, delivery rooms, imaging and diagnostic department, IVF department, outpatient clinics, pharmacies and laboratory. In addition to its facilities are the women rehabilitation and training for pre-delivery and post-delivery patient.

According to the project owner, European Hospital LLC, this will be one of the leading maternity and pediatric facilities in the UAE.

This construction demonstrates the dedication to human life and commitment to creating tailored solutions that make the greatest difference – to serve and care deeply about patients and communities.

Project Name and Location :	اسم المشروع والموقع :
المستشفى الأوروبي - مستشفى الولادة European Hospital - Maternity Hospital	
Abu Dhabi - Khalifa City, Sector : SC-38 Plot No (P-75) (38) قطعة رقم (P-75) - أبو ظبي	
Project Owner :	صاحب المشروع :
 المستشفى الأوروبي ذ م م European Hospital LLC	
Project Manager :	مدير المشروع :
 SWISS PROJECT MANAGEMENT CONSULTANCY	
Main Consultant:	الاستشار الرئيسي :
 CLOSE SYSTEM ARCHITECTURE CONSULTANCY LLC كلوز سيستم للاستشارات المعمارية ذ.م.م	
Main Contractor :	المقاول الرئيسي :
 دار العهد للمقاولات والصيانة العامة Dar Al Ahd General Contracting & Maint. هاتف : 0216723409 - فاكس : 0216730023 - بريد : 6801 - أبو ظبي	
Enabling Contractor :	مقاول أعمال سدة جوانب الممر ولشيت التفتيز :
 DUTCH FOUNDATIONS P.O Box : 27023, Tel : +971 2 6261155, Fax : +971 2 6262882, Web : www.dutchfoundations.com	



BRIEF ON DESIGN CONSIDERATION FOR EUROPEAN MATERNITY HOSPITAL

Hospitals are the most complex of [building types](#). Each hospital is comprised of a wide range of services and [functional](#) units. These include diagnostic and treatment functions, such as clinical [laboratories](#), imaging, emergency rooms, and surgery; hospitality functions, such as food service and housekeeping; and the fundamental inpatient care or bed-related function. This diversity is reflected in the breadth and specificity of regulations, codes, and oversight that govern hospital construction and operations. Each of the wide-ranging and constantly evolving functions of a hospital, including highly complicated mechanical, electrical, and telecommunications systems, requires specialized knowledge and expertise.

The project's design process incorporated direct input from the owner and from key hospital staff early on in the process.

The hospital building design achieved the following attributes:

- Efficiency and Cost-Effectiveness;
- Flexibility and Expandability;
- Therapeutic Environment;
- Accessibility;
- Controlled Circulation;
- Security and Safety;
- Cleanliness and Sanitation;
- Sustainability

One of the major aspects to be considered in the project design was management of medical waste. Hospital waste can be divided into six broad categories:

- General Waste
- Infectious and Pathological/ Medical Waste
- Sharp Waste
- Pharmaceutical Waste
- Radioactive Waste
- Cytotoxic

The Waste Management Unit design incorporated the following features:

- Easily accessible from all functional areas
- Accessible from within the unit and externally
- Fitted with security fittings such as door locks, keypad/card access, CCTV and motion sensor depending on operational policy
- Located away from food and clean storage areas
- Not accessible to the public

Every Health Care Facility shall provide the required resources for proper waste management at its premises. The HCFs should recruit or designate staff that will be overall responsible for the waste management of the facility. The designated staff must have written responsibilities for proper waste management for the facility.

CSC provides direction and guidance to health care facilities (HCF's) to manage their medical waste appropriately as per the United Arab Emirate's (UAE) Federal law, Health Authority Abu Dhabi, and Municipality rules and regulations, and with minimum risk to their health care staff, patients, visitors and medical waste handlers.

CLOSE SYSTEM RESPONSIBILITY FOR THE HOSPITAL PROJECT ARE AS FOLLOWS:

1. Ongoing initiatives for the supply with and use of environmental friendly products and procedures and to develop strategies for reduction, recycling and correct storage and disposal of all medical waste.
2. Consult the HCF management for all waste related issues.
3. Cooperate and communicate with infection control staff, safety & security staff and environmental & occupational health staff in management of the program.
4. Communicate to the management and employees about the hazards for humans and the environment related to medical waste and about the appropriate actions to avoid them. Communication/awareness should be organized through seminars, brochures, posters, and other standard communication tools.

MEDICAL WASTE MANAGEMENT RESPONSIBILITIES AND SCOPE



CLIENT:
Darwish Bin Ahmed & Sons Tower

LOCATION:
Sector E48, Rawdhat, Abu Dhabi, UAE

The project Commercial and Residential Building located at Rawdhat Sector E48, C72 C71 is consisting of three (3) basements, ground floor and seven (7) typical floors, and a roof floor with a total built area of about 28,585.2 m2. The ground floor compromises of different sizes commercial shops which are expected to provide the building residents and the community with diverse services.

The upper floor can accommodate a total of 87 units of 2 bedrooms, apartments and fourteen units of 1 bedroom apartments. A total number of 183 underground car parking will be obtained in the basement.

With its unique style, the proposed building is intentionally designed to create a remarkable single block that is visible to from the main road. The soft and earthy colors were adopted to decrease sun heat gain.



SUSTAINABILITY PROJECT

COMMERCIAL BUILDING AT C71-C71 RAWDHAT ABU DHABI

Owned by Sons of Sheikh Tahnoon Bin Saqer Al Nahyan, the project Residential and Commercial Building at Bintahnoon will be developed at Sector E33, plot C4 in Abu Dhabi Island, near Sultan Bin Zayed the First Street. The total Plot area of the project is 371.61m² and is served by the main road.

The building consists of three basement floors with 823.75m², ground floor with 371.86m², mezzanine floor with 371.86m², nine typical floors with 459.57m², and roof floor with 203.60m². The total built-up area for the building will be 7554.7m².

On the December of 2015, the project is deemed in compliance with the Pearl Rating System requirements for a Design Rating by the Abu Dhabi Urban Planning Council.

BINTAHNOON BUILDING (COMMERCIAL & RESIDENTIAL) E33, PLOT C4

SUSTAINABILITY PROJECT

CLIENT:
Perfection Engineering Consultancy

LOCATION:
Sector E33, Plot No. C4, Abu Dhabi, UAE



CLIENT:
Al Ain University

LOCATION:
Al Jimi, Al Ain



EXTENSION OF AL AIN UNIVERSITY

SUSTAINABILITY PROJECT



Located in the City of Al Ain, also known as the OASIS of the United Arab Emirates, the extension of Abu Dhabi University's Campus is housed in a modern building that contains libraries, a learning support center, modern classrooms, seven computer labs, fully equipped audio/visual rooms, specially designed graduate programs classrooms, students' lounges, recreational facilities, a cafeteria, and an outdoor courtyard.



Located in Mohammed Bin Zayed City, Abu Dhabi, the Campus spans over a plot area of 69,085 m² which is serviced by two existing roads.

The building consists of a basement, ground floor, three floors and roof and upper roof areas.
The total built up area of the educational building is 42,410 m².



<https://www.protenders.com/projects/al-ain-university-of-science-technology>



AL AIN UNIVERSITY, ABU DHABI CAMPUS

CLIENT:
Al Ain University of Science and Technology

LOCATION:
Mohammad Bin Zayed City, Abu Dhabi

SUSTAINABILITY PROJECT



CLIENT:
Shaikh Musalam Salem Bin Ham Al Ameri

LOCATION:
Al Ruwaikah, Al Ain, Abu Dhabi, UAE

Owned by Shaikh Musalam Salem Bin Ham Al Ameri, the project Investment Villas that is located at Sector – Almuwaji - Alruwaikah, Plot no. 129c, Al Ain contains of 34 typical blocks with 68 total numbers of villas, health center and kids playing area.

This project spanning over plot area of 18168 m² with block 1 to 12 the ground floor area is 3036 m², block 13 to 24 with ground floor area of 3036 m² and the block 25 to 34 with ground floor area of 2520 m². The project has total built area: 16643 m² and total open area: 9180 m².

The project has an on-going construction started May of 2017 and is deemed in compliance with the Pearl Rating System requirements for a Design Rating by the Abu Dhabi Urban Planning Council last July 2017.

AL RUWAIKAH INVESTMENT VILLAS

SUSTAINABILITY PROJECT

CLIENT:
**Sheik Zayed Housing
Programme**

LOCATION:
Ras Al Khaimah, UAE

The Sheikh Zayed Housing Programme was established to provide suitable housing for UAE nationals and their families. One of the complexes and ongoing construction is located at Bateen Al Samar, Ras Al Khaimah. The project has 320 villas consisting of four Prototypes Zumrd -6, Zumrd -3, Yakot -7 and Zafeer -7 in a plot area of 88,8992 m2 . The area of every villa plot consists of 2,000 m2. This submission is dedicated for Zumrd -6 , Villa Proto-type .The other three villa types will be submitted to Estidama in separate submissions.

The project is currently under Construction stage. A number of 126 villas of Zumrd -6 will be constructed where every villa GFA is 424 m2 and it aims to score 2-pearls Villa rating from Estidama.



**320 VILLA PROJECT AT
BUTAIM RAS AL KHAIMAH**



**SUSTAINABILITY
PROJECT**



CLIENT:
Sheika Sultan Abdulla Mansour

LOCATION:
Mussafah, Sector No. M5-plot No. P2, Abu Dhabi, UAE



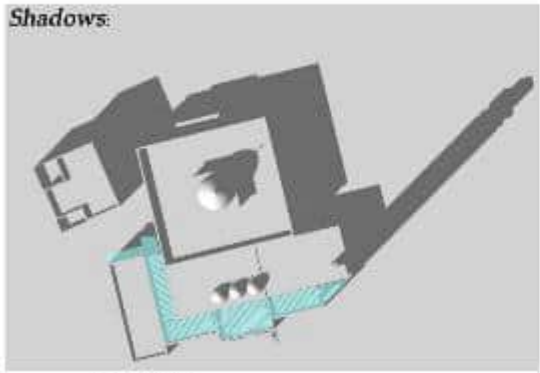
SUSTAINABILITY PROJECT SHEIKHA MANSOUR MOSQUE

Owned by Heirs of Heirs of Sheikha Sultan Abdulla Mansour, the project Sheika Mansour Masjid that is located at sector no. M5-plot No. P2, Abu Dhabi is spanning over a plot area of 929.12 m2. It has total built up area of 480.32m2 with 3 buildings such as the Mosque Building, accommodation facility and toilet.

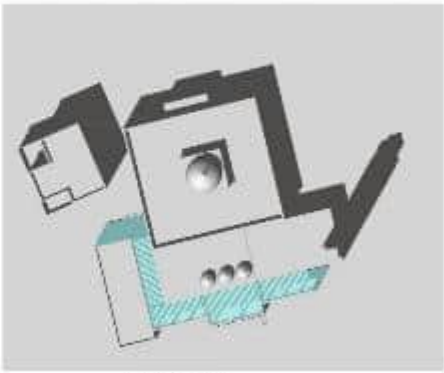
On the December of 2016, the project is deemed in compliance with the Pearl Rating System requirements for a Design Rating by the Abu Dhabi Dhabhi Urban Planning Council.

CLIENT:
Dar Al Ber Cooperation Mosque

LOCATION:
Al Shamkha- Al Heeliya, South P5 Abu Dhabi, UAE



TOP VIEW



TOP VIEW



MARCH 21 2014 @ 1:00 PM



JUNE 21 2014 @ 1:00 PM



Dar Al Ber is considered one of the first charities in the UAE established in Dubai. To date, the Dar Al Ber Group had established charitable institutions and mosques and continuously catering help to beneficiary families and orphans all over the globe. One of the projects of the Dar Al Ber group is a mosque located in Al Shamkha, Sector – Al Haleeliya South, Plot no.P5, the capacity of the mosque is for 1800 persons, the project spans over a plot area of 929.12 m2.

SUSTAINABILITY PROJECT

DAR AL BER COOPERATION MOSQUE



CLIENT:
Safeer Engineering Consultants

LOCATION:
Al Hayer - Plot No 55-06-802-169,
Al Ain, Abu Dhabi, UAE

Owned by Dr. Matar Rashed Al Darmak, the project Matar Rashed Mohd Salem Al Hayeta Mosque that is located at Al Hayer – Plot No. 55-06-802-169 in Al Ain, Abu Dhabi is spanning over a plot area of 765 m². On the December of 2016, the project is deemed in compliance with the Pearl Rating System requirements for a Design Rating by the Abu Dhabi Urban Planning Council.

SUSTAINABILITY PROJECT

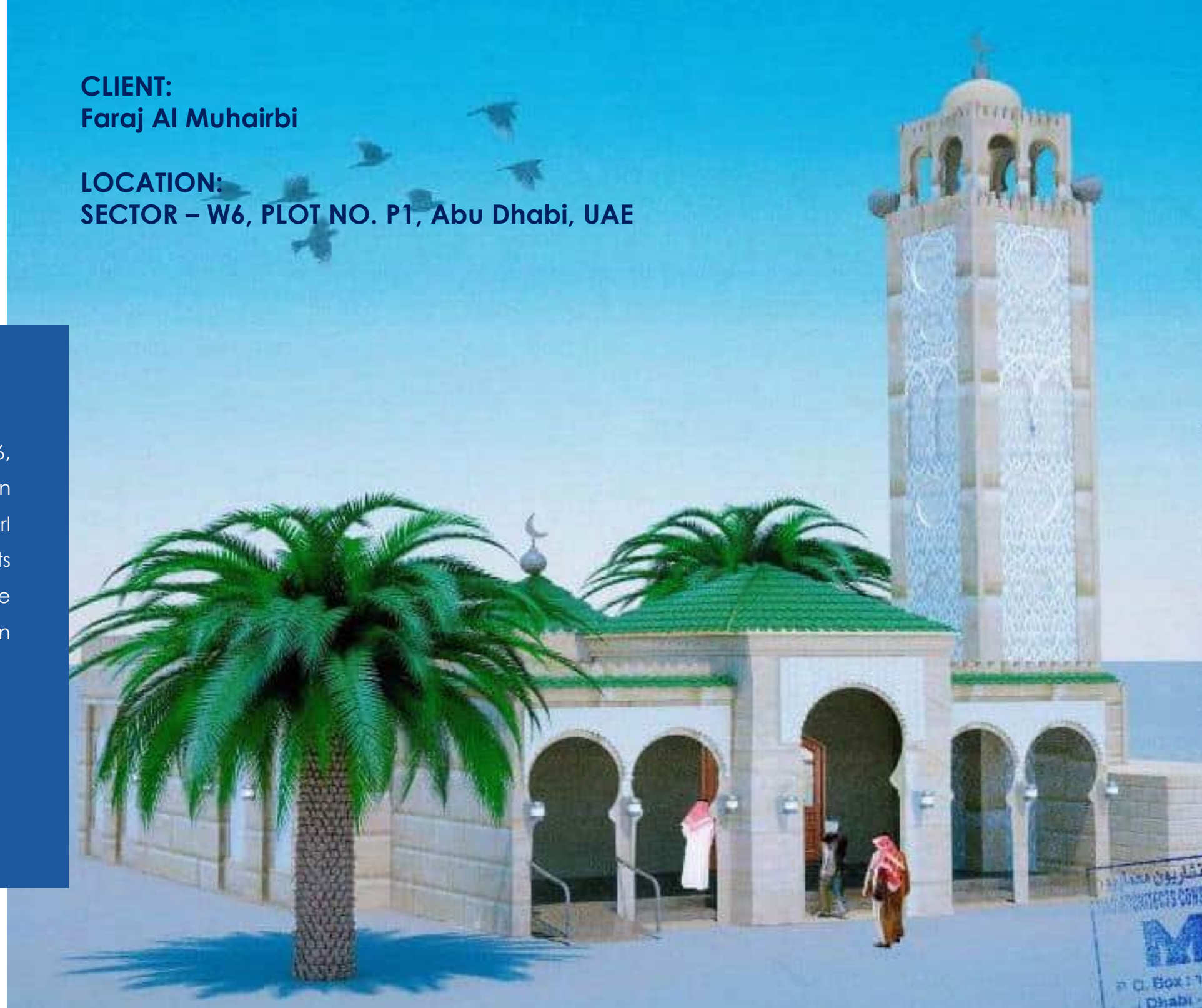
MATAR RASHED MOHD SALEM AL HAYETA MOSQUE

CLIENT:
Faraj Al Muhairbi

LOCATION:
SECTOR – W6, PLOT NO. P1, Abu Dhabi, UAE

Owned by Faraj AL Muhairbi, the Masjid project that is located in Sector – W6, Plot No. P1 is consisting of 690.62 m2 total area with 180 people on its capacity. The ground floor area has 690.62 Sq m2, the Imam Residence has 157.22 Sq m2. On the first floor is the Moa'zin Residence with 115.61 Sq m2, Women Prayer Hall with 81.78 Sq. m2, Men Prayer Hall with 437.3 Sq. m2 and one electrical room.

On the September of 2016, the project is deemed in compliance with the Pearl Rating System requirements for a Design Rating by the Abu Dhabi Urban Planning Council.



SUSTAINABILITY PROJECT

FARAJ AL MUHAIRBI MOSQUE



INTERIOR DESIGN PROJECTS



ROLEX – GALLERIA MALL

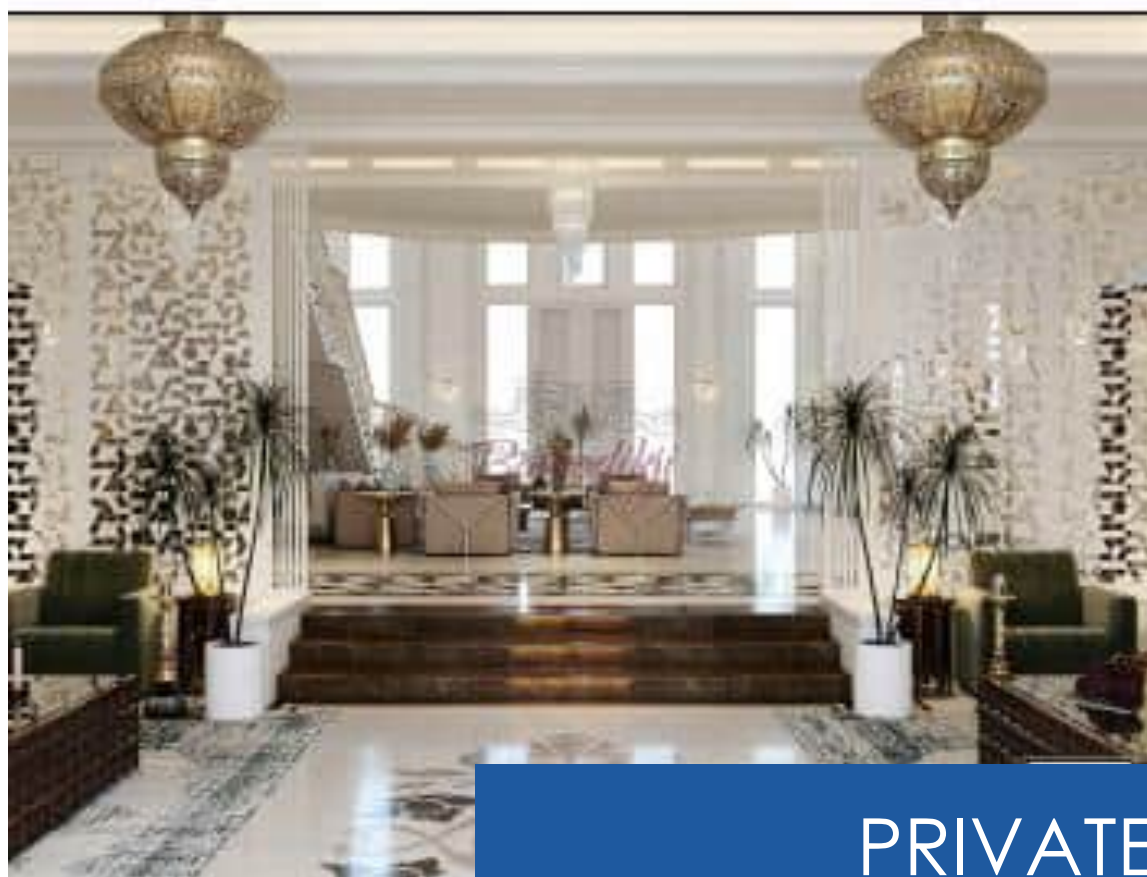




VERSACE – MTB ABU DHABI



PRIVATE VILLA IN ABU DHABI



PRIVATE - VILLA



BATTI YAEED AL QUIBAISI - VILLA



VILLA PROJECTS



AL RUWAIKAH COMPOUND



320 VILLA AT BUTTAIM RAK



HIND VILLA



SABAH VILLA



VILLA RESORT – 159-162



PRIVATE VILLA – RIYADH CITY



FAHAD VILLA



PRIVATE VILLA AT SILA



FAHID VILLA



AL HOSNI VILLA



BAHYAN VILLA



AL BATEEN VILLA



HALFAYA HOUSE

VILLA PROJECTS



COMPLETED VILLA PROJECTS



COMPLETED VILLA & MAJLIS PROJECTS



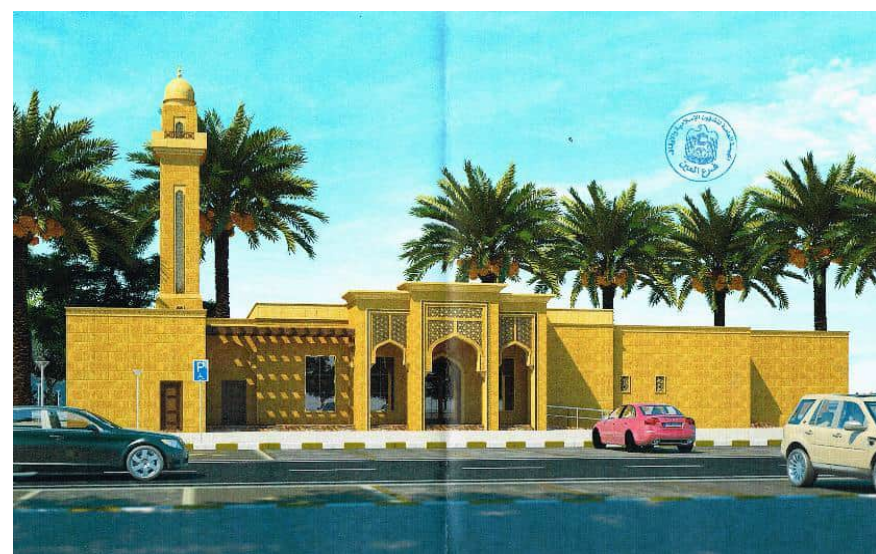
MOSQUE PROJECTS



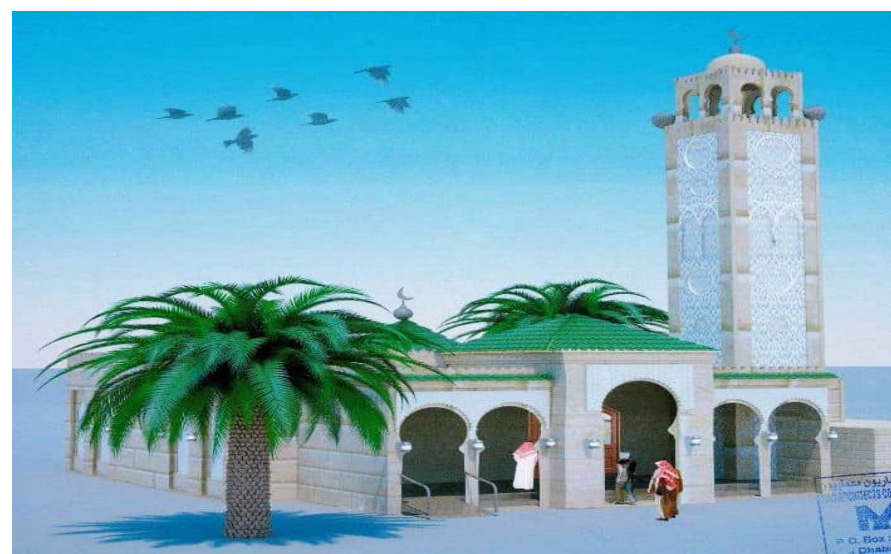
SHEIKHA MANSOUR MOSQUE



DAR AL BER MOSQUE



MATAR RASHED MOSQUE



FARAJ AL MUHAIRBI MOSQUE



DAR AL BER MOSQUE

COMPLETED MOSQUE PROJECTS



LOCATIONS

| ABU DHABI

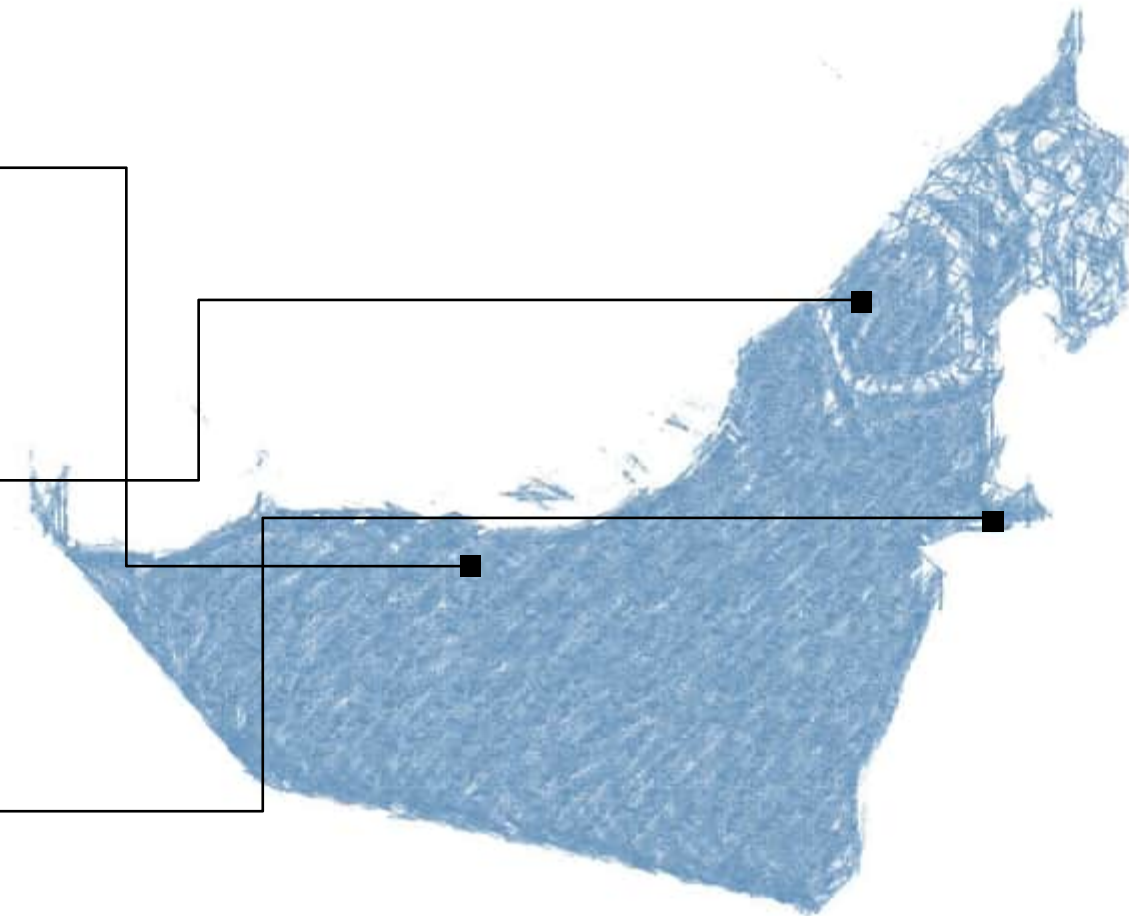
Established 2016
(With local branch at MBZ)

| DUBAI

Established 2020

| AL AIN

Established 2021



THANK YOU