



IDROESSE INFRASTRUCTURE
MIDDLE EAST LLC

COMPANY PROFILE

GLOBAL INFRASTRUCTURE & CONSTRUCTION SOLUTIONS
CONSULTANCY • ENGINEERING • PROJECT MANAGEMENT

ABU DHABI | DUBAI | DOHA
© 2024

1. EXECUTIVE OVERVIEW / WHO WE ARE

Idroesse Infrastructure is a premier global engineering and architectural firm. The company delivers first-class civil engineering, design, and project management services. Originally established as Idroesse Infrastrutture SPA in Padua, Italy, in **1927**, the firm possesses a near-century-old legacy of industry excellence. Its early focus centered on civil engineering, drainage, water purification plants, motorways, railways, urban planning, and environmental engineering.

To capture growing global opportunities, the company initiated a strategic international expansion. It established a UAE branch office in Abu Dhabi in **2007** and an Oman branch office in Muscat in **2008**. In **2012**, the local branch was acquired by its current owners. Due to a high concentration of regional projects, corporate headquarters officially shifted to Abu Dhabi. During this transition, the company transformed its legal entity into a limited liability company, adopting the name **Idroesse Infrastructure Middle East LLC**.

Today, the firm operates in the UAE, but with a rich history of various projects completed across **36 countries**. By blending international master-level know-how with deep localized knowledge, Idroesse provides exceptional infrastructure solutions to public and private sector clients worldwide.



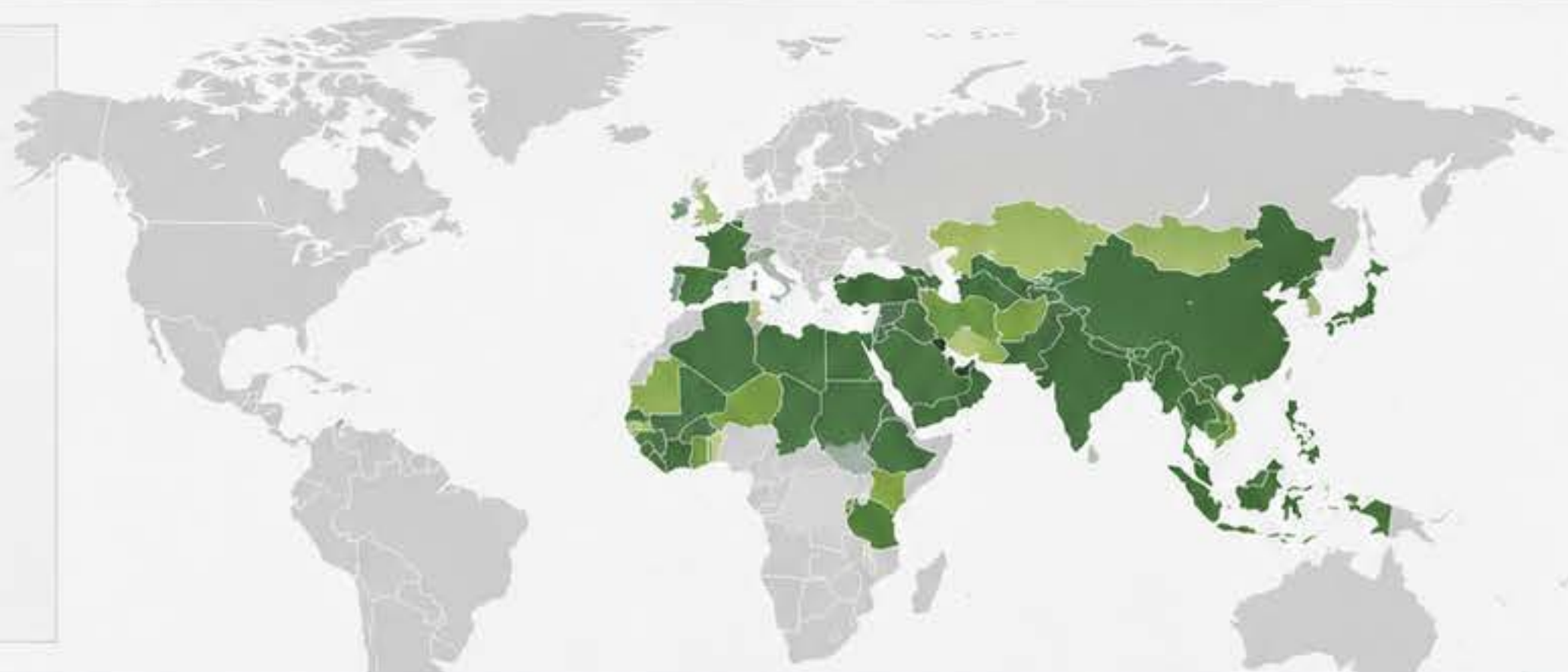
36+
COUNTRIES
WORLDWIDE



NEAR A CENTURY
OF EXCELLENCE
SINCE **1927**



HEADQUARTERS
ABU DHABI, UAE



2. OUR MISSION & VISION



OUR MISSION

To provide **first-class** engineering and architectural solutions by leveraging **cutting-edge** technology, unparalleled **quality** control, and highly **efficient** project management.



OUR VISION

To be a **premier** global infrastructure provider, setting the industry standard for **smart solutions**, structural safety, and long-term **client trust**.



OUR CORE VALUES



QUALITY

Uncompromised quality in every deliverable.



INNOVATION

Smart, forward-thinking engineering solutions.



INTEGRITY

Transparent, ethical, and accountable practices.



COLLABORATION

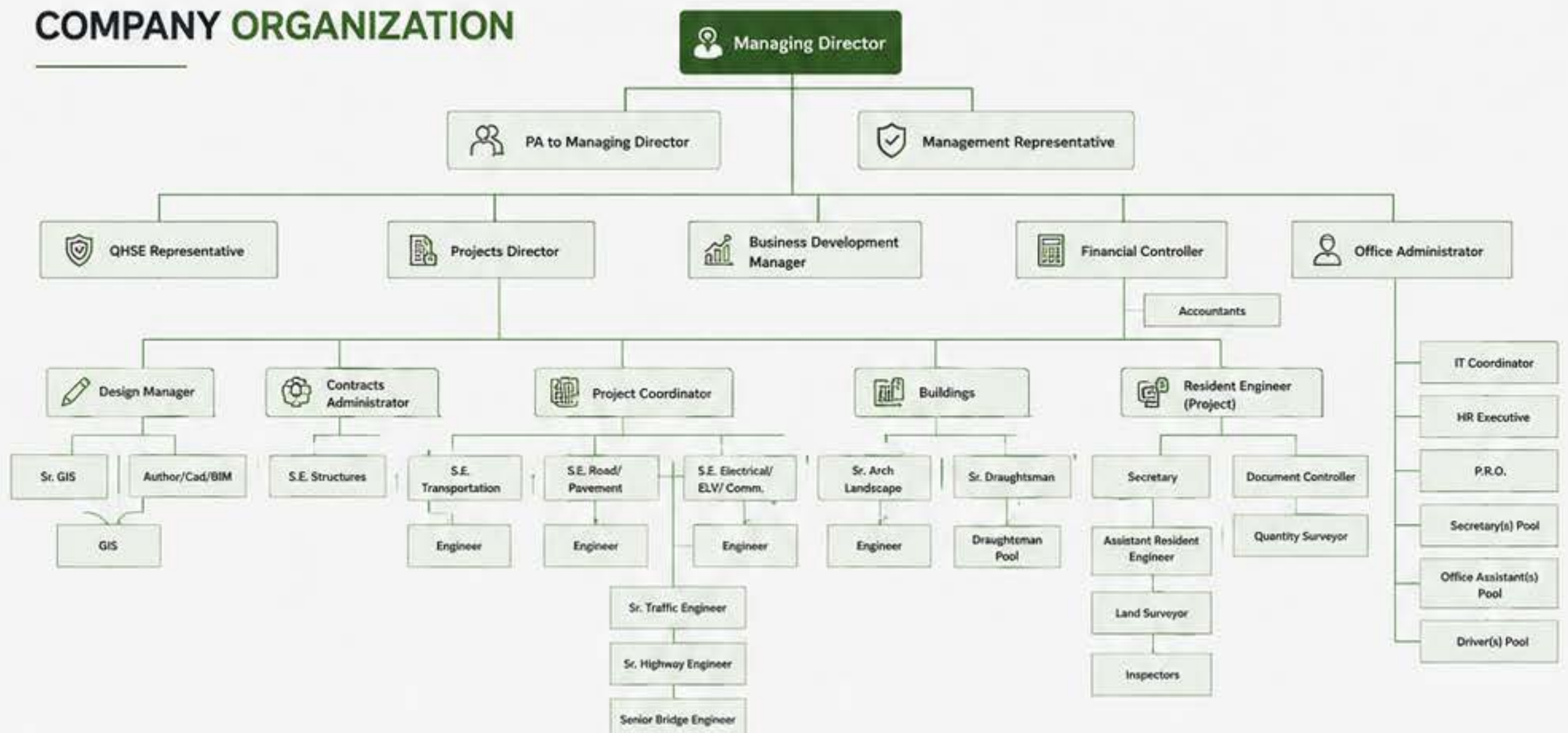
Strong partnerships for shared success.



SUSTAINABILITY

Building infrastructure for a better tomorrow.

COMPANY ORGANIZATION



3. CORE SERVICES & TECHNICAL EXPERTISE

Idroesse Infrastructure integrates multidisciplinary technical competencies to deliver seamless, end-to-end engineering solutions. Our comprehensive service framework spans from initial strategic mapping to dense utility layouts, ensuring large-scale community developments and urban landscapes are highly integrated, functionally sound, and commercially viable.

Our specialized service divisions include:



MASTER PLANNING

Our master planning division creates the foundational vision and physical spatial design for extensive urban, industrial, and mixed-use environments. We balance population growth, zoning regulations, economic viability, and public amenities to build communities that are socially vibrant and highly connected.

- **Macro & Micro Spatial Design:** Comprehensive layout formulation for large-scale city developments, municipal zones, and private master-planned communities.
- **Demographic & Density Profiling:** Balancing residential, retail, public spaces, and social infrastructure limits against target population capacities.
- **Framework Integration:** Seamlessly aligning spatial land-use zoning with primary transport arteries and major utility corridors.



FEASIBILITY STUDIES & COST-BENEFIT ANALYSIS

Our financial and analytical planning division conducts deep market and economic intelligence mapping to validate project viability before major capital deployment. We map alternative cost structures to maximize yield and eliminate economic risk.

- **Option-Based Cost Identification:** Evaluating multi-tiered structural approaches to balance capital expenditure (CAPEX) with long-term operational costs (OPEX).
- **Financial Risk Mapping:** Constructing quantitative feasibility metrics, investment return modelling, and lifecycle cost-benefit projections for municipal and private entities.



TRANSPORT ENGINEERING

Our transport engineering division designs high-capacity transit structures and analyses traffic patterns to facilitate smooth, safe, and efficient public mobility. We build resilient corridors that accommodate current traffic demands while anticipating future regional expansion.

- **Network Infrastructure:** Design of complex roads, highways, motorways, interchanges, bridges, tunnels, and underpasses.
- **Mobility Planning:** Comprehensive transport planning, traffic analysis, macro/micro-simulation, and regional mobility studies.
- **Pavement Design:** Advanced pavement structural layout, material optimization, and pavement rehabilitation programs.



MULTIDISCIPLINARY EXPERTISE
Integrated teams delivering holistic solutions



END-TO-END SOLUTIONS
From concept to completion with precision



CLIENT-FOCUSED APPROACH
Delivering functional, sustainable & viable projects

4. CORE SERVICES (PART 2)

Idroesse Infrastructure integrates multidisciplinary technical competencies to deliver complete, resilient, and future-ready infrastructure solutions.

Our specialized service divisions include:



STRUCTURAL ENGINEERING

We deliver the structural backbone for major infrastructure through advanced engineering, analysis, and design solutions that ensure safety, durability, and performance.

- Bridge Engineering
- Underpasses
- Culverts
- Heavy Retaining Walls
- Structural Analysis
- Geotechnical Reinforcement
- Pumping Stations
- Water Retaining Structures



HYDRAULIC ENGINEERING (WET UTILITIES)

We engineer integrated water systems that support sustainable communities through efficient supply, treatment, and drainage infrastructure.

- Sewer Networks
- Water Supply Systems
- Irrigation Networks
- Stormwater Drainage
- Wastewater Systems
- Dams
- Embankments
- Water Resource Management



DRY UTILITIES

We provide comprehensive engineering for modern electrical infrastructure supporting high-density developments and smart city initiatives.

- LV Distribution Networks
- MV Distribution Networks
- Primary Substations
- Street Lighting
- Highway Lighting
- Solar PV Systems
- Smart Infrastructure
- Electrical Transmission



ENVIRONMENTAL ENGINEERING

We deliver scientific investigations and environmental assessments that support safe, sustainable, and regulation-compliant development.

- Environmental Impact Assessment
- Baseline Surveys
- Sustainability Studies
- Geological Investigation
- Soil Mechanics
- Foundation Engineering
- Site Investigation
- Geotechnical Evaluation



ARCHITECTURE

We transform ideas into functional, elegant, and buildable spaces that reflect innovation, aesthetics, and practical construction.

- Architectural Design
- Building Planning
- Residential Projects
- Commercial Buildings
- Institutional Facilities
- Interior Design
- Space Planning
- Design Development



MULTIDISCIPLINARY EXPERTISE

Integrated teams delivering holistic solutions



END-TO-END SOLUTIONS

From concept to completion with precision



CLIENT-FOCUSED APPROACH

Delivering functional, sustainable & viable projects

5. PROJECT MANAGEMENT & PROCUREMENT

Idroesse Infrastructure delivers projects with precision, transparency, and accountability. Our integrated project management and procurement services ensure optimal resource utilization, cost efficiency, and on-time delivery across all project phases.



PMO PROJECT MANAGEMENT OFFICE

Our PMO establishes robust governance frameworks, standardized processes, and performance metrics to ensure project alignment with client objectives.

- Project Governance
- Planning & Scheduling
- Risk Management
- Performance Monitoring
- Stakeholder Management
- Reporting & Analytics



CONSTRUCTION SUPERVISION

We provide full-time site supervision and quality assurance to ensure compliance with design intent, specifications, and international standards.

- Site Supervision
- Quality Assurance
- Safety Management
- Progress Monitoring
- Material Control
- Defect Resolution



VALUE ENGINEERING

We optimize project value by analyzing alternatives, improving functionality, and reducing costs without compromising quality, safety, or performance.

- Alternative Analysis
- Cost Optimization
- Design Improvement
- Constructability Review
- Life Cycle Value
- Innovation Solutions



TENDER DOCUMENTATION

We prepare comprehensive and compliant tender documents that ensure clarity, transparency, and a level playing field for all bidders.

- Scope Definition
- Technical Specifications
- Tender Drawings
- Contract Conditions
- Bid Evaluation Support
- Submission Management

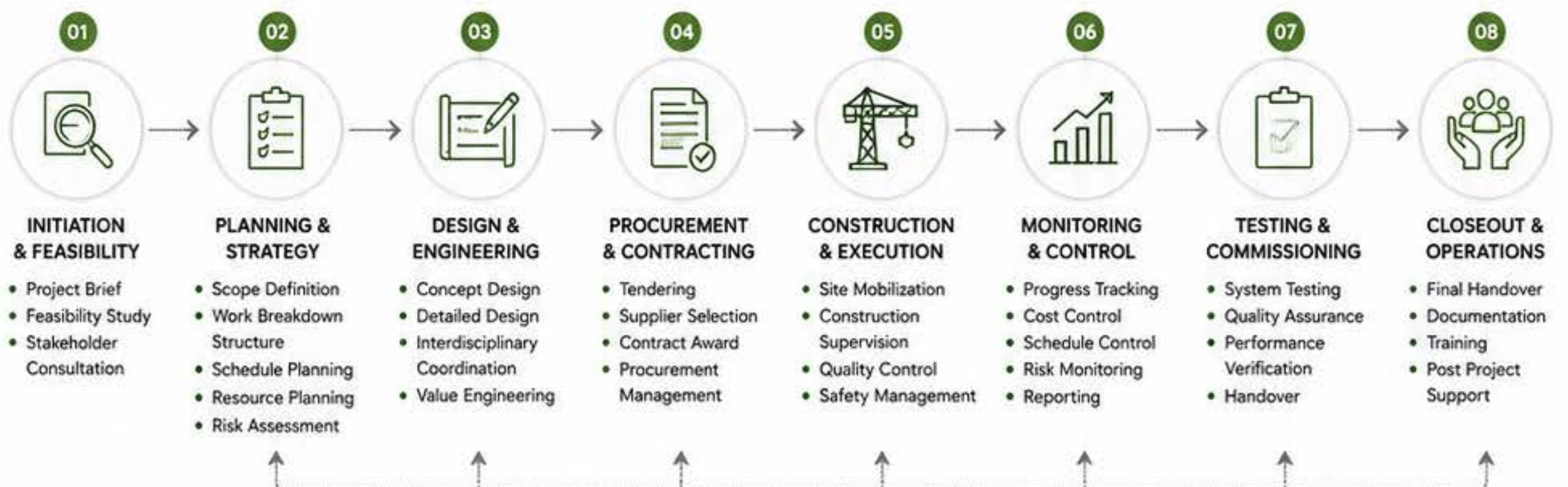


BOQ BILL OF QUANTITIES

Accurate and detailed BOQs prepared in line with project scope, specifications, and industry standards to control cost and ensure transparency.

- Quantity Take-off
- BOQ Preparation
- Cost Estimation
- Rate Analysis
- Value Reconciliation
- Variation Assessment

OUR PROJECT MANAGEMENT WORKFLOW



ON-TIME DELIVERY
Committed to schedules and milestones



COST EFFICIENCY
Value-driven planning and cost control



QUALITY ASSURANCE
International standards and best practices in every project



RISK MANAGEMENT
Proactive identification and mitigation of project risks



STAKEHOLDER ALIGNMENT
Transparent communication and collaboration at every stage

6. CAPABILITIES & CERTIFICATIONS

Idroesse Infrastructure combines internationally certified management systems, advanced engineering technologies, highly qualified professionals, and rigorous quality assurance procedures to deliver reliable, sustainable, and technically superior infrastructure solutions. Our capabilities are built on nearly a century of engineering excellence and a strong commitment to innovation, compliance, and client satisfaction.



ISO CERTIFICATIONS

Internationally certified management systems ensuring quality, safety, environmental responsibility and BIM compliance.

- ISO 9001:2015 Quality Management
- ISO 14001:2015 Environmental Management
- OHSAS 18001:2007 Health & Safety
- ISO 19650-2:2018 Building Information Modelling (BIM)



BIM IMPLEMENTATION

Digital engineering workflows supporting multidisciplinary coordination.

- BIM Level 2 Workflow
- Clash Detection
- Digital Coordination
- Common Data Environment
- Design Integration
- Information Management



IN-COUNTRY VALUE (ICV)

Supporting UAE national economic development.

Official ICV Score
50.87%

Benefits

- Local Supply Chain
- UAE Workforce Development
- National Procurement
- Local Content Enhancement
- Competitive Tender Advantage



PROFESSIONAL WORKFORCE

Highly experienced multidisciplinary engineering professionals.

173

Professionals

- 36 Civil Engineers
- 23 Project Managers
- 13 Design Engineers
- 5 Architects
- 10 Mechanical Engineers
- 9 Electrical Engineers
- 49 Site Inspectors
- 28 Support Staff



QUALITY CONTROL

Comprehensive multi-level engineering review process.

- Intra-disciplinary Review
- Multi-disciplinary Review
- Design Verification
- Technical Compliance
- Document Control
- Final Submission Validation



SUSTAINABILITY

Delivering environmentally responsible infrastructure.

- Carbon Reduction
- Sustainable Design
- Energy Efficiency
- Environmental Compliance
- Future Ready Infrastructure
- Green Engineering Solutions

OUR ENGINEERING CAPABILITY FRAMEWORK



WHY CLIENTS CHOOSE IDROESSE



CERTIFIED International ISO Standards

Globally recognized management systems delivering consistent engineering excellence.



EXPERIENCED 173 Professionals

A multidisciplinary workforce capable of delivering complex infrastructure projects.



DIGITAL BIM

Advanced BIM collaboration and multidisciplinary digital coordination.



COMPLIANT

Strong regulatory compliance with regional and international engineering standards.



SUSTAINABLE

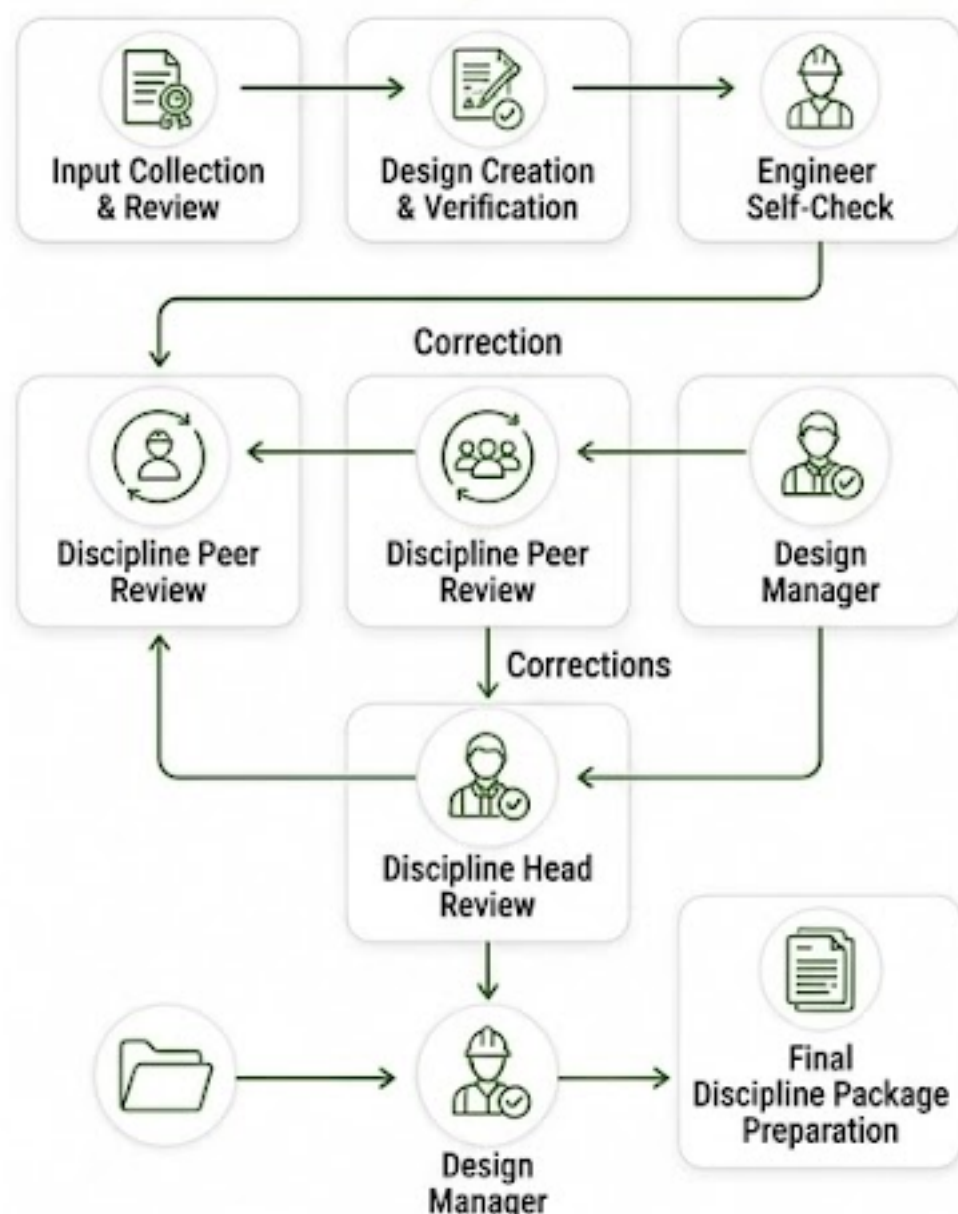
Environmentally responsible infrastructure focused on long-term value.

7. QUALITY ASSURANCE & QUALITY CONTROL

Idroesse Infrastructure combines internationally certified management systems, advanced engineering technologies, highly qualified professionals, and rigorous quality assurance procedures to deliver reliable, sustainable, and technically superior infrastructure solutions. Our capabilities are built on nearly a century of engineering excellence and a strong commitment to innovation, compliance, and client satisfaction.



INTRA-DISCIPLINARY QUALITY CONTROL PROCESS



MULTI-DISCIPLINARY QUALITY CONTROL PROCESS



KPI CARDS

- | | | | | |
|--|---|---|--|---|
|
ISO 9001 Quality Management <ul style="list-style-type: none"> • Adherence to standards • Regular quality audits • Measurable quality objectives |
Multi-Level Technical Review <ul style="list-style-type: none"> • Peer review • Discipline Head oversight • Design Manager final approval |
BIM Coordination <ul style="list-style-type: none"> • Clash detection & model checks • Interdisciplinary model integration • Data accuracy & validation |
Design Verification <ul style="list-style-type: none"> • Calculation verification • Design-to-standards check • Spec adherence |
Continuous Improvement <ul style="list-style-type: none"> • Feedback loops and lessons learned • Process enhancement • Quality performance analysis |
|--|---|---|--|---|

8. CLIENTS & AWARDS

Idroesse Infrastructure is proud to partner with leading government entities and private sector organizations across the UAE and the region. Our commitment to quality, innovation, and excellence has been recognized through prestigious awards and industry accolades.

OUR CLIENTS

GOVERNMENT ENTITIES



PRIVATE SECTOR PARTNERS



OUR CLIENT SECTORS



OUR AWARDS & RECOGNITIONS



OUR CERTIFICATES & APPRECIATIONS



- ✓ Recognized for Quality, Safety & Excellence
- ✓ Trusted by Leading Government & Private Clients
- ✓ Commitment to Innovation & Sustainability
- ✓ Delivering Impactful Infrastructure Solutions



COMPANY PROFILE

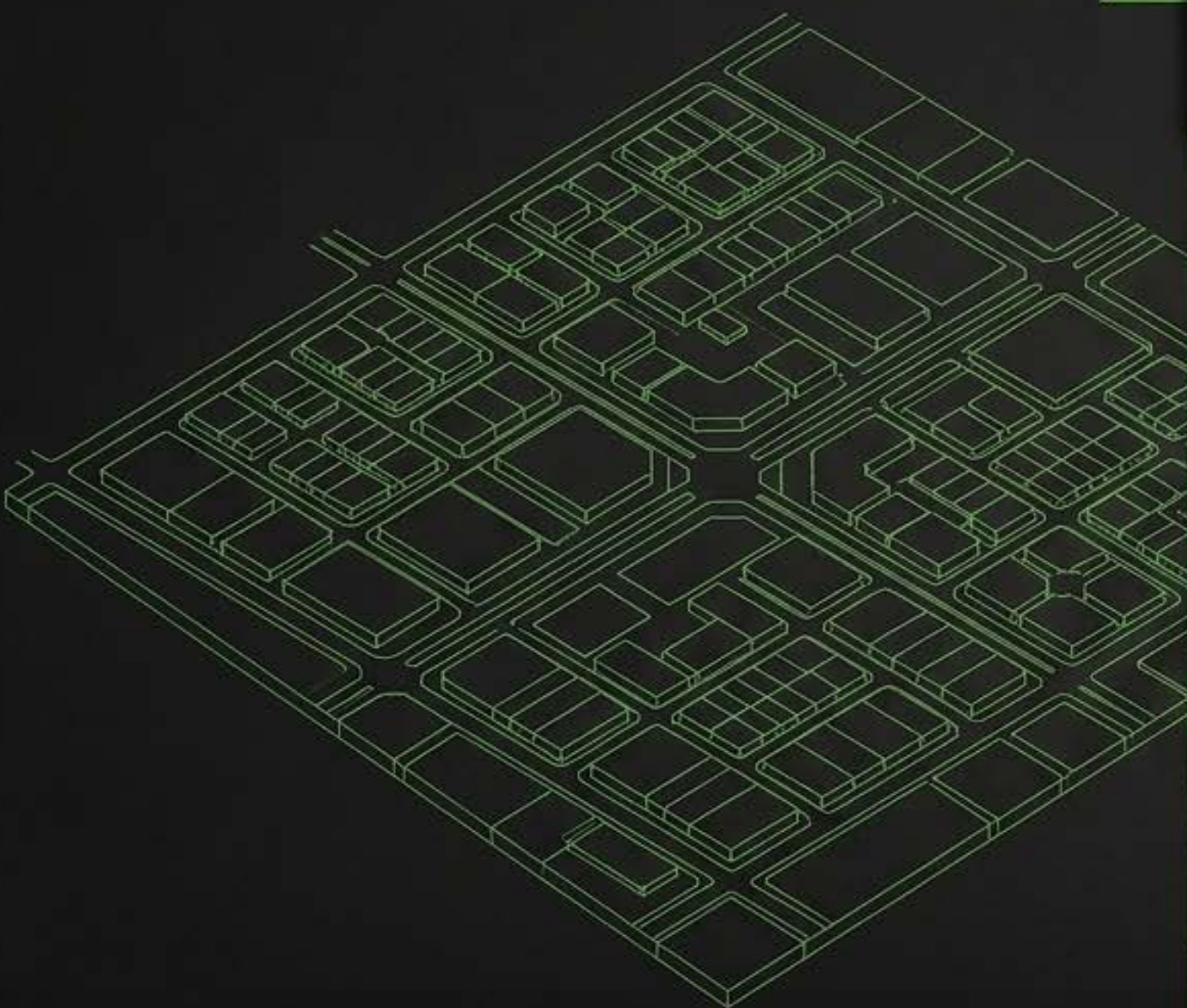
Idroesse Infrastructure Middle East LLC

An International Consultancy Portfolio

2024
EDITION



www.idroesseme.com



idroesse

DESIGN | CONSULTANCY
ENGINEERING

TOWN PLANNING

UAE

UAE

INNOVATIVE URBAN SOLUTIONS

PROJECTS PORTFOLIO

Idroesse Infrastructure has successfully delivered a wide range of large-scale Infrastructure, Road, Stormwater, and Utility projects across the UAE, combining engineering excellence, innovation, and sustainable solutions.



01

Bawabat Al Sharq Roads & Infrastructure Works



- Location : Abu Dhabi, UAE
- Client : Department of Municipalities and Transport (DMT)
- Scope : Roads, Infrastructure, Drainage, Utilities
- Duration : 2019 – 2023
- Contract Value : Multi-Million AED
- Road Network
- Interchanges
- Stormwater Drainage
- Utility Infrastructure
- Landscaping

02

South Shamkha Infrastructure Development



- Location : Abu Dhabi, UAE
- Client : ADNEC
- Scope : Infrastructure, Roads, Sewerage, Stormwater
- Duration : 2020 – 2024
- Contract Value : Multi-Million AED
- Roads & Paving
- Stormwater Network
- Sewerage System
- Utilities
- Construction Supervision

03

Stormwater Master Plan Citywide Development



- Location : Abu Dhabi, UAE
- Client : Abu Dhabi Municipality
- Scope : Stormwater Master Plan & Drainage Strategy
- Duration : 2018 – 2022
- Contract Value : Multi-Million AED
- Hydraulic Modeling
- Drainage Design
- Flood Management
- Stormwater Network
- Sustainable Solutions

04

Kalba Infrastructure Works



- Location : Kalba, Sharjah, UAE
- Client : Sharjah Municipality
- Scope : Roads, Drainage, Utilities, Landscaping
- Duration : 2017 – 2021
- Contract Value : Multi-Million AED
- Road Reconstruction
- Drainage Works
- Utilities
- Pavement Design
- Landscaping

05

Khorfakkan Infrastructure Development



- Location : Khorfakkan, Sharjah, UAE
- Client : Sharjah Roads & Transport Authority
- Scope : Roads, Retaining Walls, Drainage, Utilities
- Duration : 2018 – 2022
- Contract Value : Multi-Million AED
- Roads & Highways
- Retaining Walls
- Drainage Network
- Utilities
- Traffic Management

06

Al Jurf – Sharjah Roads Roads & Infrastructure Works



- Location : Al Jurf, Sharjah, UAE
- Client : Sharjah Municipality
- Scope : Roads, Paving, Drainage, Street Lighting
- Duration : 2016 – 2020
- Contract Value : Multi-Million AED
- Road Design
- Pavement Works
- Drainage System
- Street Lighting
- Traffic Safety



OUR PROJECT DELIVERY STRENGTH



100+
Projects
Delivered



36
Countries
Worldwide



Nearly
100 Years
of Experience



Multi-
Disciplinary
Expertise



End-to-End
Project
Solutions

DELIVERY CAPABILITIES



Planning &
Design



Engineering
Excellence



Value
Engineering



Construction
Supervision



Quality
Assurance



Sustainability
Solutions

DEVELOPMENT OF SOUTH-SHAMKHA –ABU DHABI

Project Description

- **Client:** Musanada – Abu Dhabi
 - **Timeline:** February 2008 – December 2016
 - **Project Value:** AED 7,050 Million
 - **Scale:** A massive mixed-use development across a 43 square kilometre site area, custom-designed to support 165,000 residents and 130,000 commercial/retail workers.
- One of the region's most ambitious residential city initiatives, creating a massive municipal master layout that required integrating high-capacity electrical grids, heavy highway corridors, and micro-tunnelled wastewater pathways.
 - South Shamkha area is located 50 km from the heart of Abu Dhabi Island and approximately 10 Km southeast of 'Abu Dhabi International Airport' to the desert side of Emirates Highway.
 - The development is spread over 4,300 hectares which provides 12,000 new villas with retail, commercial and community facilities and is planned to become a regional center of activity for shopping, health support services for the growing local population.
 - The newly design communities is planned to l have public amenities like parks, pedestrian friendly, landscaped recreation areas, shopping and retail, mosques, hospitals, clinics, health clubs, schools, playgrounds, sports center and entertainment areas.
 - A green belt winds its way throughout the master plan to connect various district parks with district centers and ultimately provide a link to the city center and larger central parks. The compounds are linked to nearby neighborhoods and the main highway.
 - The project works were divided into four areas named Lot 1, 2, 3 & 4. Each lot was further divided into phases (phase 1, phase 2, phase 3 and phase 4) which was to take approximately 12 months for completion and handover.



INTERNAL ROADS INFRASTRUCTURE – SHARJAH CITY

Project Description

CLIENT: Sharjah Roads Transport Authority (SRTA)

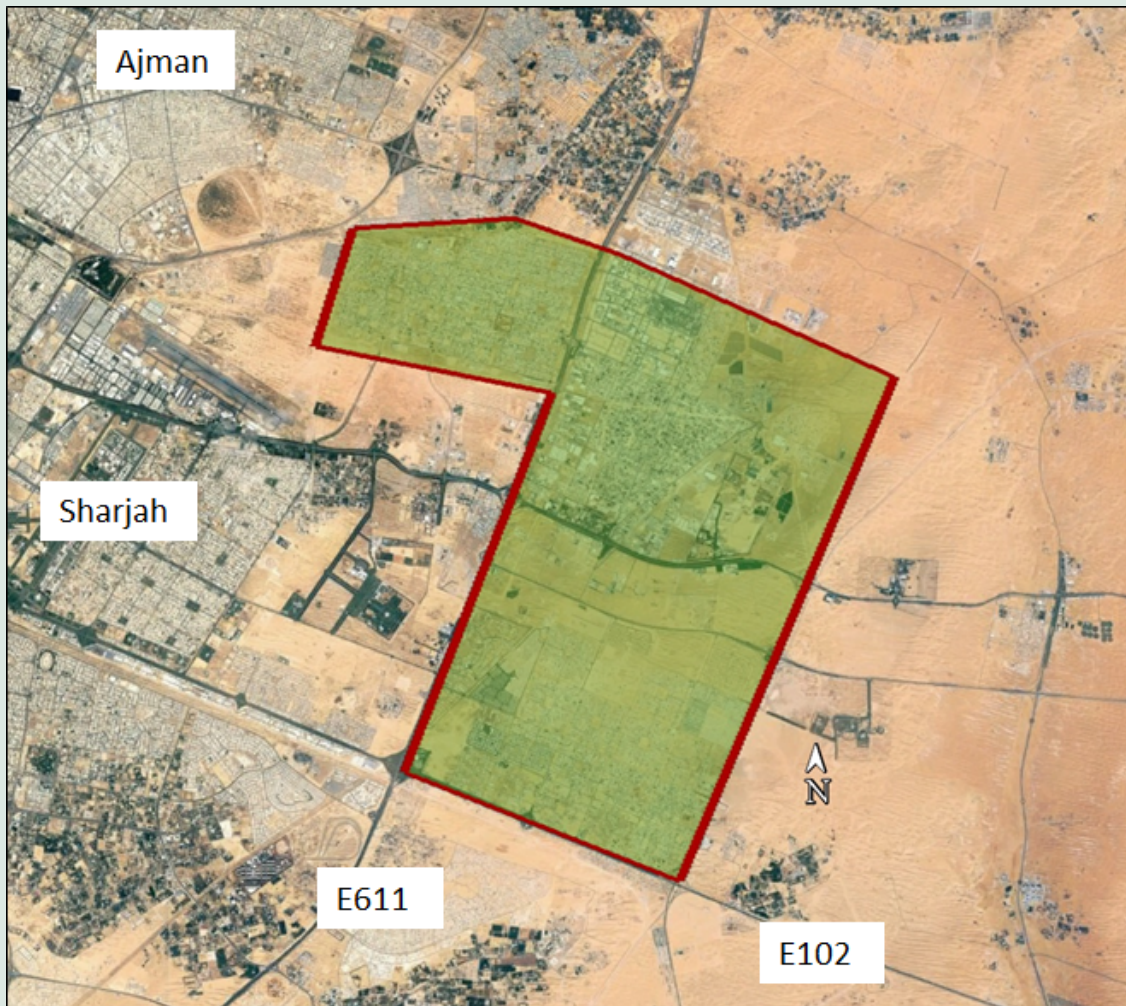
LOCATION: Emirate of Sharjah

DESIGN PERIOD: 2021 – 2023

CONSTRUCTION PERIOD: 2024 - Ongoing

SCOPE OF WORKS: Study, Design and Supervision of internal roads infrastructure.

- A massive connectivity initiative focusing on densifying road access points and structuring reliable urban networks across an expanding mixed-use commercial and residential territory.
- Sharjah Development project area is approximately 141 sq. km.
- Mixed use development for up to 0.4 million population including residents and non-residents working in offices, retail, and commercial activities along with public and social facilities.
- Roads (single and dual carriageway): around 100km main roads + 120 km secondary roads including Roundabouts and T junctions.
- Infrastructure works includes design of main and internal roads, pavement, street lighting, storm water, sewerage and structures



INFRASTRUCTURE IN AL QASIMIA CITY - SHARJAH

Project Description

CLIENT: Sharjah Roads Transport Authority (SRTA)

LOCATION: Emirate of Sharjah

PERIOD: 2025 – Ongoing

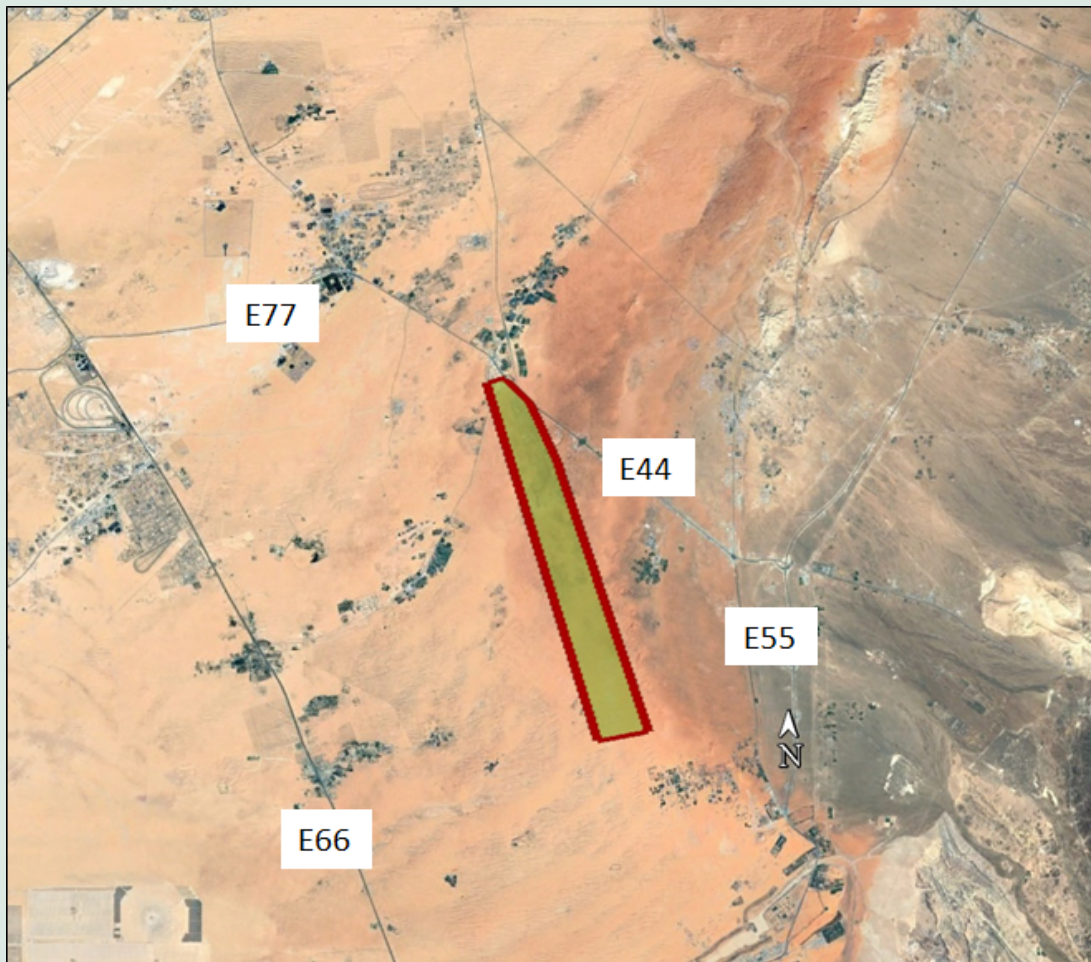
SCOPE OF WORKS: Study, Design and Supervision of internal roads and utilities infrastructure.

A specialized industrial and commercial zone planning mandate designed to sustain high traffic weights and establish seamless logistics lanes through structural corridor planning.

The project is located in the Emirate of Sharjah and comprises a residential development situated along Madam Road (E44) in the Al Qasimia City of Sharjah Emirate. The project site is positioned north of E60, south of E44, and east of Dubai Al-Ain Road E666.

Al Qasimia City Development project area is approximately 3 sq. km.

- Mixed land use development with population up to 70,000 for residents and industrial area including retail, and commercial activities along with public and social facilities.
- Roads (single and dual carriageway): 50km main roads + 80km secondary roads including Roundabouts and Priority Junctions.
- Infrastructure works includes design of main and internal roads, pavement, street lighting, storm water, sewerage and structures.



ROADS & INFRASTRUCTURE - KALBA CITY

Project Description

- **Client:** Sharjah Roads Transport Authority (SRTA)
- **Design Timeline:** 2020 – 2022
- **Construction Timeline:** 2023 - Ongoing
- **Scale:** 30 square kilometre development catering to a population of 51,000.

SCOPE OF WORKS: Civil design and supervision for 60 km of main road corridors and 100 km of secondary pathways, including complete street lighting networks, electrical layouts, sewerage, and utilities.

A holistic civic infrastructure project focused on optimizing wet utilities, electrical networks, and roadway illumination to improve life for a growing local population. The project consists of the seven areas for design. The project includes mostly residential villas, with the community facilities associated with it. The development components are distributed over many zones in which the villas, public facilities such as Mosques and Parks are distributed for each zone according to the zone's size.

- Kalba City Development project area is approximately 30 sq. km.
- Mixed land use development with population of 51,000 including residents, working in offices, retail, and commercial activities along with public and social facilities.
- Roads (single and dual carriageway): 60km main roads + 100km secondary roads including Roundabouts, Priority Junctions.
- Infrastructure works includes design of main and internal roads, pavement, street lighting, storm water, sewerage, pump station and structures.



ROADS & INFRASTRUCTURE - KHORFAKKAN CITY

Project Description

- **Client:** Sharjah Roads Transport Authority (SRTA)
- **Design Timeline:** 2022 – 2024
- **Construction Timeline:** 2025 - Ongoing
- **Scale:** 10 square kilometre coastal and mountainous urban development zone.
- **Scope:** Infrastructure engineering for 72 km of internal single-carriageway roads, priority junctions, pavements, dry utility grids, and protective stormwater defence networks.

A complex engineering assignment requiring sophisticated stormwater defensive designs and specialized pavement adaptations to combat the unique environmental pressures of coastal and mountainous terrain.

The project consists of the eight areas with total length of road approximately 70 Km. The development components are distributed over many zones in which the villas, public facilities such as mosques, schools and Parks are distributed for each zone according to the zone's size.

- Khorfakkan City Development project area is approximately 10 sq. km.
- Mixed use development for up to 50,000 residents and non-residents working in offices, retail, and commercial activities along with public and social facilities.
- Roads (single carriageway): 72km internal roads with priority junctions.
- Infrastructure works includes design of main and internal roads, pavement, street lighting, storm water and structures



INFRASTRUCTURE IN AL JURF AREA - AJMAN

Project Description

Client: Ajman Municipality

• Design Timeline: 2024 – 2025

• Construction Timeline: 2026 - Ongoing

• Scale: 22 square kilometre mixed-use residential and commercial zone.

• Scope: Structural and civil design for 13 km of main corridors and 8 km of secondary roads, featuring interchanges, signalized intersections, dry utility distributions, and high-capacity electrical pumping stations.

- An integrated engineering design layout mapping high-efficiency interchanges and high-capacity electrical pump systems to create a responsive, modern urban residential hub.
- The project is located in Ajman, United Arab Emirates, within the Jerf Industrial Area. It is positioned on the southern side of Al Hamriyah Border Road, near the Sharjah boundary, and on the northern side of Sheikh Mohammed Bin Rashid Al Maktoum Street.
- To the east of the project lies Sheikh Mohammed bin Zayed Road (E311), while Etihad Road (E11) is situated to the west of the project.

•

- Al Jurf Development project area is approximately 22 sq. km.
- Mixed use development for up to 45,000 population including residents and non-residents working in offices, retail, and commercial.
- Roads (single and dual carriageway): 13km main roads + 8km secondary roads including signalized junctions, Roundabouts and Interchanges.
- Infrastructure works includes design of main and internal roads, pavement, street lighting, storm water and structures.
- Also, design of pump stations including electrical works.



BAWABAT AL SHARQ INFRASTRUCTURE – ABU DHABI

Project Description

- **Client:** Baniyas Developers
- **Timeline:** 2025 – Ongoing
- **Scale:** A 2.5 square kilometre mixed-use development custom-designed to support a population of up to 33,000 residents and commercial/office personnel.

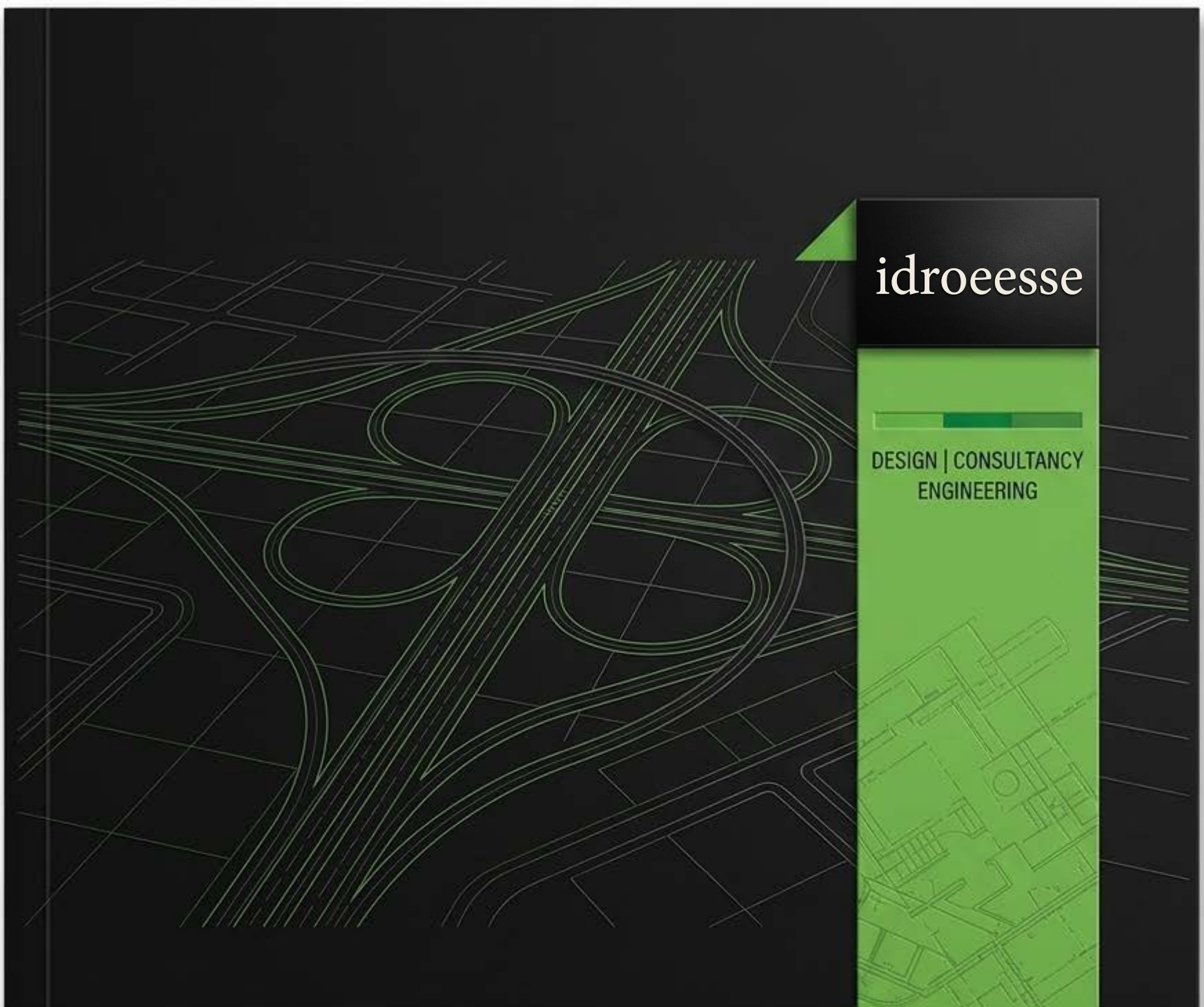
Scope: Comprehensive study and design of the community infrastructure network. The project encompasses 6 km of main roads, 9 km of secondary roadways, roundabouts, priority junctions, pavement architecture, street

This project focuses on establishing a completely self-contained community ecosystem by mapping its foundational transport, electrical, and water networks from scratch.

Idroesse Infrastructure (IDS) has been assigned to undertake the preparation of Master Plan (MP) for the Bawabat Al Sharq (BAS) Development. The objective of this consultancy is to develop a 2024 updated Concept Master Plan (CMP) for Bawabat Al Sharq (BAS) Development. The CMP should guide future development and address BAS-owned or controlled assets including property, facilities, parks, roadways, utilities, and natural conditions. The updated plan will include feasibility studies and strategic recommendations

- BAS Development project area is approximately 2.5 sq. km.
- Mixed use development for up to 33,000 population including residents and working in offices, retail, and commercial activities along with public and social facilities.
- Roads (single and dual carriageway): 6km main roads + km secondary roads – Roundabouts and Priority junctions.
- Infrastructure works includes design of main and internal roads, pavement, street lighting, storm water, Sewer, Electrical, Irrigation and structures.





idroesse

DESIGN | CONSULTANCY
ENGINEERING

INFRASTRUCTURE

UAE

UAE

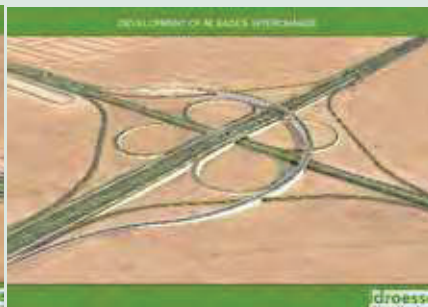
INNOVATIVE URBAN SOLUTIONS

Al Bade'e Interchange

Project Description

PROJECT : Al Bade'e Interchange
CLIENT : Ministry of Infrastructure Development
LOCATION : Abu Dhabi, United Arab Emirates
PERIOD : January 2016- February 2018
VALUE : AED 170 Million
SCOPE : Design and Supervision of:

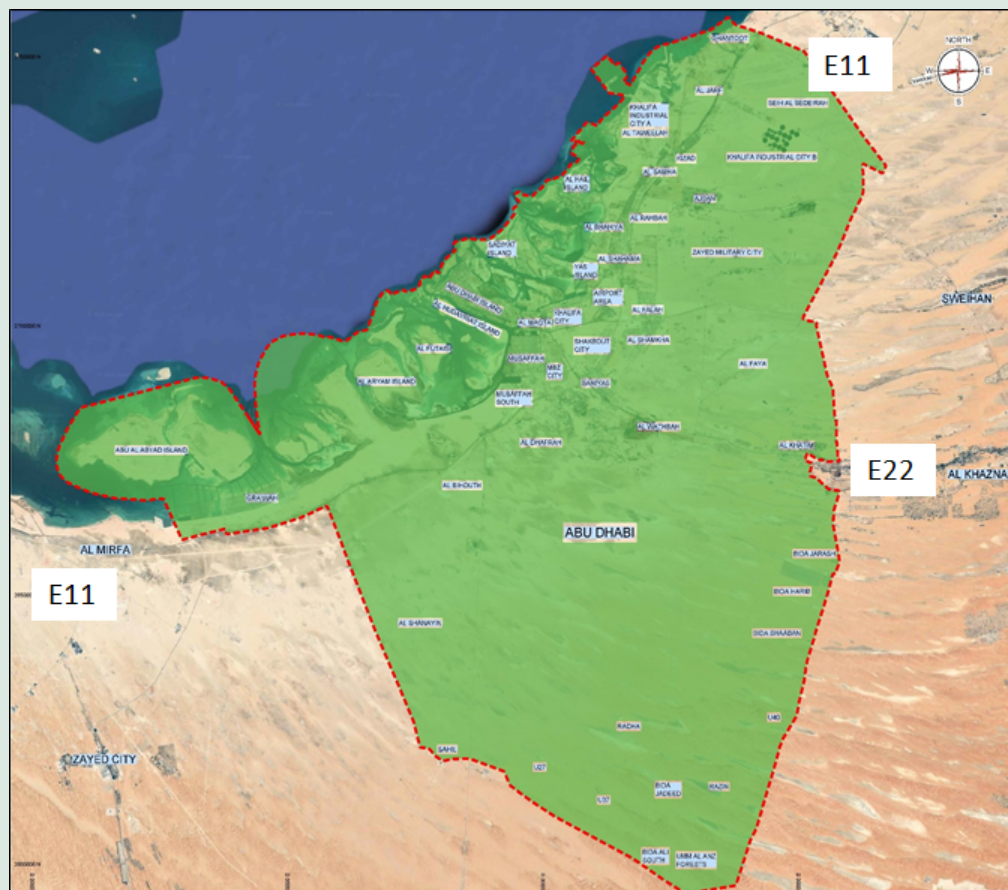
- Upgrade the 42 KM existing road from 2x2 to 3x3;
- Construction of inner and outer shoulders;
- Replacing the existing New Jersey barrier in the median with metal guard rail;
- Mill and pave of existing pavement (193,000 m²);
- Full depth reconstruction of pavement (610,000 m²); and
- Improvement of road lighting network (700 light poles)



- Operational workflows included:**

Management of stormwater particularly surface water during infrequent, intense storm events is one of the most critical challenges that faces urban areas like Abu Dhabi City. The principal objective of stormwater management is to prevent immediate threat to life and body due to flood as well as preventing significant property damages due to flood caused by storm events. This objective has evolved worldwide and over recent years to always keep roads safe and passable.

- Master Plan project area covers Abu Dhabi Jurisdiction (shown in red line) and around 2 million population.
- Comprises existing storm water network of approx. 7,172km pipelines and analyzed by 63 InfoSWMM models.
- Master Plan study includes,
- Review existing storm water network.
- Update the existing hydraulic models.
- Assess the performance and quantify the capacity of the existing stormwater system.
- Review and update 2015 Stormwater Master Plan.
- Real Time Operational Model Set Up.



Umm Al Quwain Entrance Interchange

Project Description

. Design and Supervision of:

Complete interchange free flow 4 legs two levels as part of the improvement of the intersection of Al Ittihad Road (E11) and Falaj Al Mualla road (E55) in Umm Al Quwain.

PROJECT : Umm Al Quwain Entrance Interchange

CLIENT : Ministry of Public Works

LOCATION : United Arab Emirates

PERIOD : September 2013- September 2017

VALUE : AED 130 Million

SCOPE : Design and Supervision of:

- 2KM three lane dual carriageway along Eithad Road E11 and 2KM two lane Dual carriageway along Fullaj UI Muallah Road E55.
- Six viaducts (11,000 m2) including overheads, directional ramps and two underpass structures.
- Un-interrupted pedestrian mobility
- 257 light poles; 420 LED luminaire for street lighting; 12km power lighting cables



Al Hamidiya Interchange (Sheikh Khalifa Interchange, Ajman)

Project Description

- PROJECT** : Umm Al Quwain Entrance Interchange
CLIENT : The Executive Committee for Developing Rural Areas
LOCATION : Ajman, United Arab Emirates
PERIOED : March 2010- June 2013
VALUE : AED 130 Million
SCOPE : Design and Supervision of:
- 70,950 m2 roads,
 - 1 covered underpass (11,611 m2),
 - 5 underpasses ramps (9,676 m2),
 - 7 Viaducts (7,741 m2),
 - 14 Viaducts ramps,
 - 265 light poles; 360 LED luminaire for street lighting; 10km power lighting cables



Khor Fakkan Interchange

Project Description

PROJECT : Khor Fakkan Interchange
CLIENT : Ministry of Energy and Infrastructure
LOCATION : Sharjah, United Arab Emirates
PERIOED : January 2019- June 2019
VALUE : AED 60 Million
SCOPE : Design and Supervision of:







Improvement of Emirates Road (E611)

Project Description

PROJECT : Improvement of Emirates Road (E611)
CLIENT : Ministry of Energy and Infrastructure
LOCATION : Sharjah, United Arab Emirates
PERIOD : July 2013 - December 2018
VALUE : AED 534 Million
SCOPE : Design of:

The project is improvement of Emirates Road (E611) between intersection of Sharjah Maliha Road (Al Badee Interchange) and Umm Al Quwain Falaj Al Mualla Road (E55) Interchange in Sharjah, UAE.

Upgrade the 25 KM existing road from 4x4 to 6x6, upgrading of existing bridges, new directional ramp, and all associated Electrical, Storm Water Drainage, Utilities protection and relocation and Street Lighting works.



Improvement of Emirates Road (E611)

Project Description

PROJECT : Improvement of Emirates Road (E611)

CLIENT : Ministry of Energy and Infrastructure

LOCATION : Sharjah, United Arab Emirates

PERIOD : March 2011 – October 2014

VALUE : AED 375 Million

SCOPE : Design of:

The project is improvement of Emirates Road (E611) from Umm Al Quwain Falaj Al Mualla Road (E55) Interchange in Sharjah to RAK Ring Road, UAE.

36 KM new 3 lane dual carriageway, new directional ramp, 4 under-passes, utilities protection culverts, and all associated Electrical, Storm Water Drainage, Utilities protection and relocation and Street Lighting works.



PROJECT : Internal Roads in Kalba and Khorfakkan, Sharjah
CLIENT : Sharjah Roads and Transport Authority
LOCATION : Sharjah, United Arab Emirates
PERIOD : January 2021 – December 2023
VALUE : AED 375 Million
SCOPE : Design of:

150 KM new single carriage way roads including off road parking areas, develop the Storm Water Drainage (32 KM main 400-1800 pipes, 2 KM force main, 120 KM of secondary sewer 160-315mm pipes, full operational pumping station), Sewerage (23 KM main 200-800 pipes, 204 KM of secondary sewer 160-315mm pipes, 2 full operational pumping stations), and all associated Electrical, Utilities protection and relocation and Street Lighting works..



Upgrading of Sharjah Al Dhaid Masafi Road (E88)

Project Description

PROJECT : Upgrading of Sharjah Al Dhaid Masafi Road (E88)

CLIENT : Ministry of Energy and Infrastructure

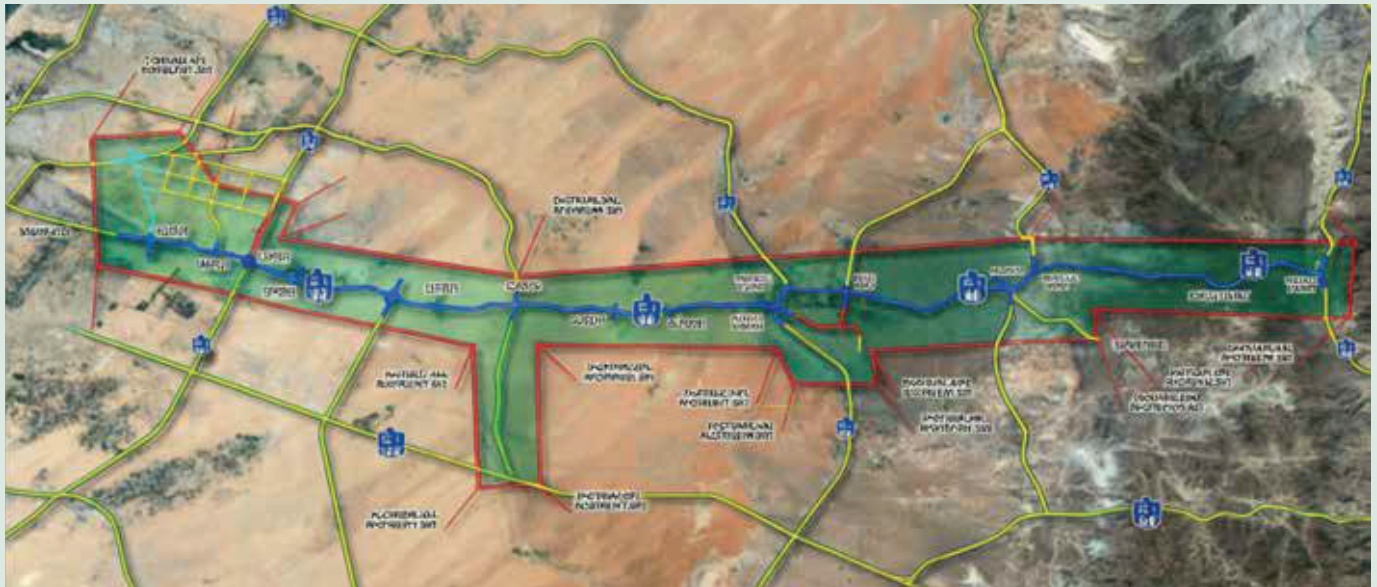
LOCATION : Sharjah, United Arab Emirates

PERIOD : March 2017 – Ongoing

VALUE : AED 950 Million

SCOPE : Design of:

Design works for upgrading and rehabilitation of existing Sharjah –Al Dhaid –Masafi Road from interchange (5) to Masafi Roundabout with approximate length of **67 km** including the required upgrading of R.O.W. (i.e. relocation and protection of existing utilities as per relevant authorities' requirements, Study and design of the link road at interchange no. (10) with approximate length of 13 km), Design of Interchange “5”, “6”, “8”, “10” and any new interchanges will be proposed as per the revalidation report output, taking into consideration the proposed solution in the previous preliminary study done for the whole project which should be verified and enhanced or modified if required as per the preliminary study's Revalidation report output, Study and design of the service road connecting the surrounding developments. Study and design of the Link road leading to Al Tallah Area, Evaluation of the existing pavement from I/C No.5 up to existing Masafi Roundabout and provide recommendations report using the existing Asphalt survey test results (IRI, FWD and Skid resistance) conducted/ provided by MOID..



Design of Nawha Bridge

Project Description

PROJECT : Design of Nawha Bridge

CLIENT : Sharjah Roads and Transport Authority

LOCATION : Sharjah, United Arab Emirates

PERIOD : September 2022 – June 2024

VALUE : AED 7 Million

SCOPE : Design of:

The project is improvement of Emirates Road (E611) from Umm Al Quwain Falaj Al Mualla Road (E55) Interchange in Sharjah to RAK Ring Road, UAE.

36 KM new 3 lane dual carriageway, new directional ramp, 4 under-passes, utilities protection culverts, and all associated Electrical, Storm Water Drainage, Utilities protection and relocation and Street Lighting works.



Upgrading of Interchange 5 Interchange 6 intersection on Dhaid Road

Project Description

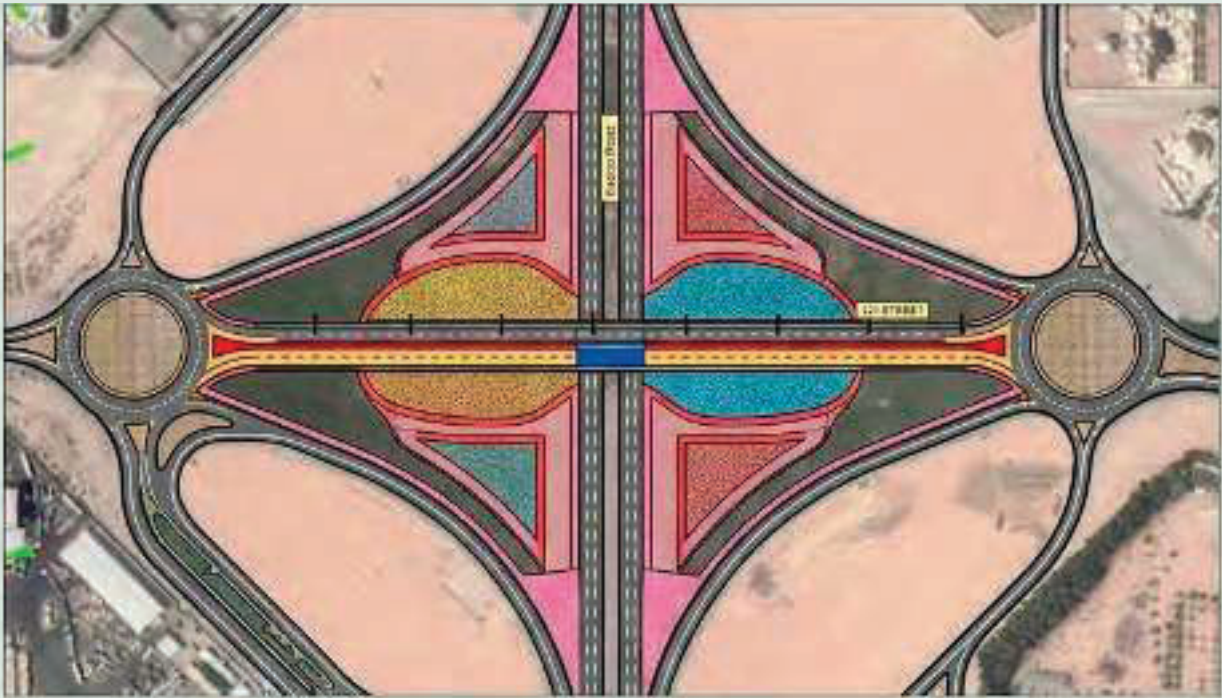
PROJECT : Upgrading of Interchange 5 Interchange 6 intersection on Dhaid Road
CLIENT : Sharjah Roads and Transport Authority
LOCATION : Sharjah, United Arab Emirates
PERIOD : September 2022 – Ongoing
VALUE : AED 50 Million
SCOPE : Upgrading of Interchange 5 Interchange 6 intersection on Dhaid Road



Upgrading of Rakan Bridge & University City Bridge on Maliha Road

Project Description

PROJECT : Upgrading of Interchange 5 Interchange 6 intersection on Dhaid Road
CLIENT : Sharjah Roads and Transport Authority
LOCATION : Sharjah, United Arab Emirates
PERIOD : September 2022 – September 2023
VALUE : AED 25 Million
SCOPE : Design of Upgrading of Rakan Bridge & University City Bridge on Maliha Road



Improvement of the Intersection at the Border of the Emirates of Sharjah and Ajman

Project Description

PROJECT : Intersection at the Border of the Emirates of Sharjah and Ajman
CLIENT : Sharjah Roads and Transport Authority
LOCATION : Sharjah, United Arab Emirates
PERIOD : February 2017 – December 2017
VALUE : AED 356 Million
SCOPE : Design of:
Improvement of the Intersection at the Border of the Emirates of Sharjah and Ajman



Development of Yabsa Bypass Road (E184)

Project Description

PROJECT : Intersection at the Border of the Emirates of Sharjah and Ajman
CLIENT : Ministry of Energy and Infrastructure
LOCATION : Fujairah, United Arab Emirates
PERIOD : September 2011 – June 2014
VALUE : AED 179 Million
SCOPE : New truck road bypassing Fujairah town, from Masafi-Fujairah road intersection to Fujairah port including new Road, Bridges, Underpasses, Storm water and Street Lighting
• Roads – 12 KM two lanes dual carriageway
• Bridges – 2 nos. (1,750 m²)
• Street lighting – 220 light poles; 880 LED luminaire for street lighting; 12km power lighting cables

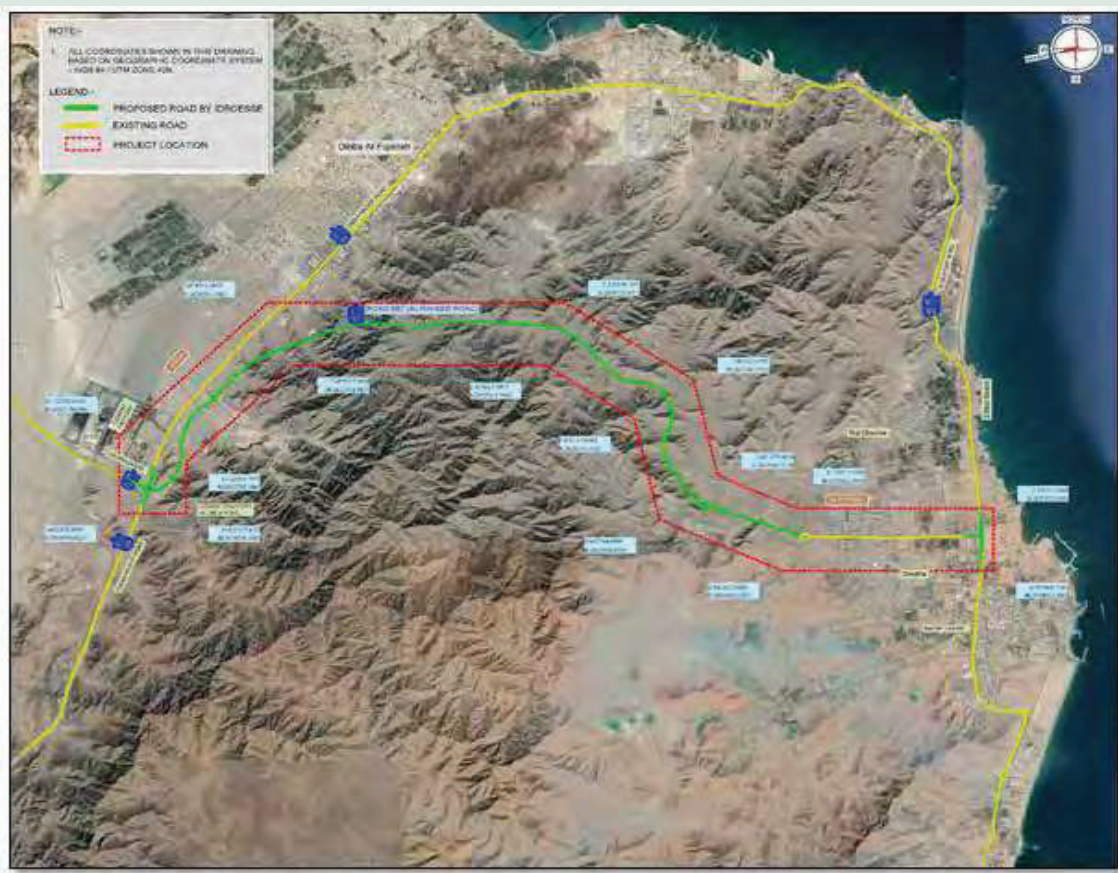


Continuation of E87 Road from Cement Factory R/A to E99 Road at Al Raheeb Area – Fujairah

Project Description

PROJECT : Continuation of E87 Road from Cement Factory R/A to E99 Road at Al Raheeb Area – Fujairah
CLIENT : Ministry of Energy and Infrastructure
LOCATION : Fujairah, United Arab Emirates
PERIOD : February 2022 – March 2024
VALUE : AED 325 Million
SCOPE : construction of a new truck dual carriageway as a continuation of E87 road between Cement factory roundabout to E-99 road at Al Raheeb area

- Roads – 12-15 KM two lanes dual carriageway
- MSE Wall – 4,250 m²
- Drainage– 15 nos of wadi culverts, 22km of channel ditches, chutes, energy dissipators, riprap basin, etc.
- Street lighting – 356 light poles
- Traffic Signal – 1 no



Dualization of Al Faqa'a Road (E14) between E11 and E311

Project Description

PROJECT : Dualization of Al Faqa'a Road (E14) between E11 and E311

CLIENT : Abu Dhabi City Municipality

LOCATION : Abu Dhabi, United Arab Emirates

PERIOD : July 2022 – May 2025

VALUE : AED 105 Million

SCOPE : Dualization of Al Faqa'a Road (E14) between E11 and E311

The scope of this project includes Dualization of Al Faqa'a Road (E14) between E11 and E311 of approximate 8.3 km length.



Construction of Dualization and Rehabilitation with Street Lighting for Bida Al Mutawwa-Um Al Ashtan & Um Al Ashtan-Hamra Road

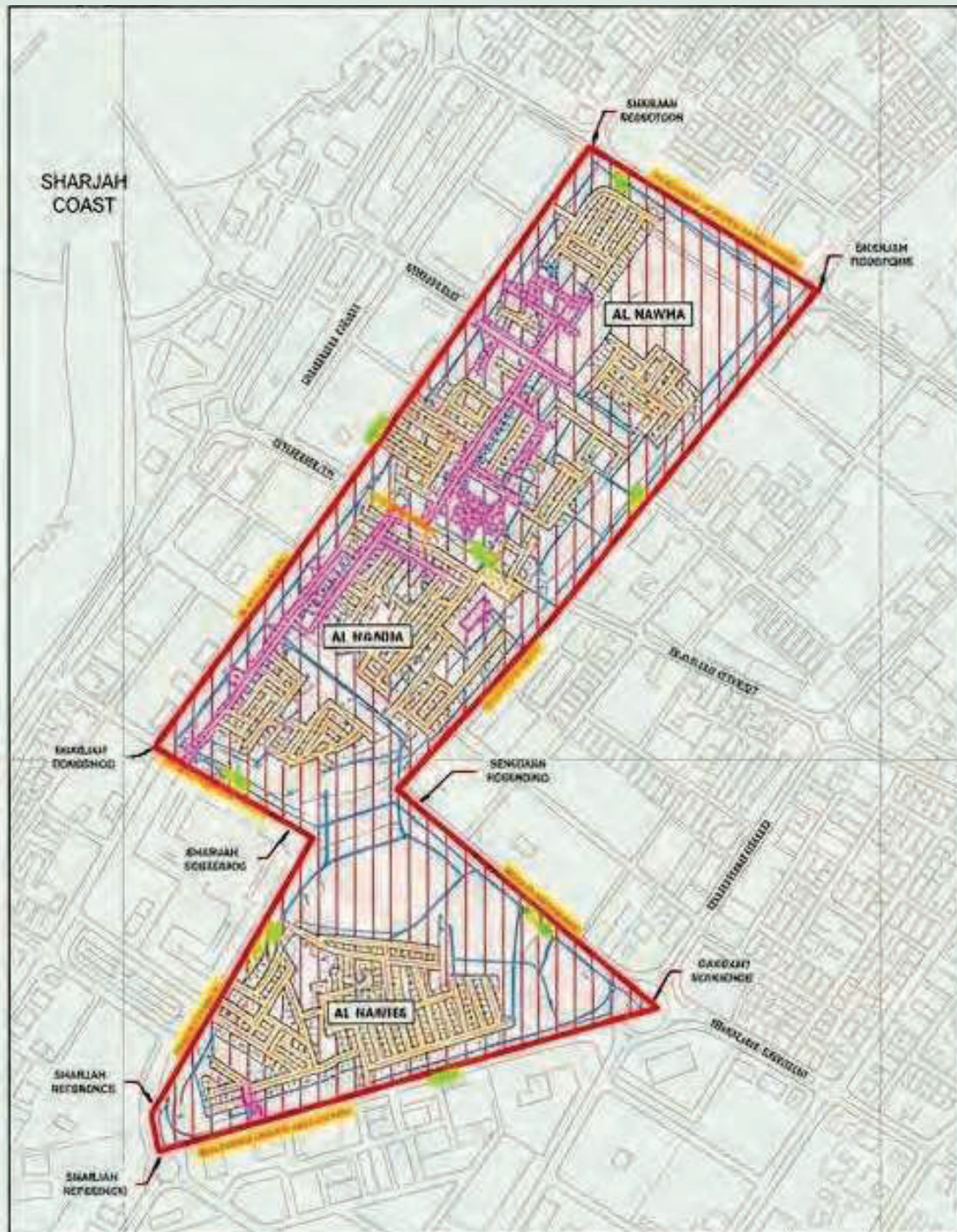
Project Description

- PROJECT** : Construction of Dualization and Rehabilitation with Street Lighting for Bida Al Mutawwa-Um Al Ashtan & Um Al Ashtan-Hamra Road
- CLIENT** : Al Dar
- LOCATION** : Abu Dhabi, United Arab Emirates
- PERIOD** : July 2023 – November 2024
- VALUE** : AED 220 Million
- SCOPE** : Construction of Dualization and Rehabilitation with Street Lighting for Bida Al Mutawwa-Um Al Ashtan & Um Al Ashtan-Hamra Road
- The project is to upgrade the existing road Bida Al Mutawwa – Um Al Ashtan Road (11 km length) to a dual carriageway 2x2, including the re-construction of the existing carriageway as applicable. In addition to the upgrade and improve the safety of the existing Um Al Ashtan – Al Hamra Road.



PROJECT : Design of Nawha Bridge
CLIENT : Sharjah Roads and Transport Authority
LOCATION : Sharjah, United Arab Emirates
PERIOD : April 2024 –December2024
VALUE : AED 160 Million
SCOPE : Design of:

28 KM new single carriage way roads including off road parking areas, develop the Storm Water Drainage (3` KM main 600-2600mm dia pipes, 16 KM of secondary 300mm dia. pipes, Sewerage (10 KM main 200mm dia. pipes, and all associated Electrical, Utilities protection and relocation and Street Lighting works.



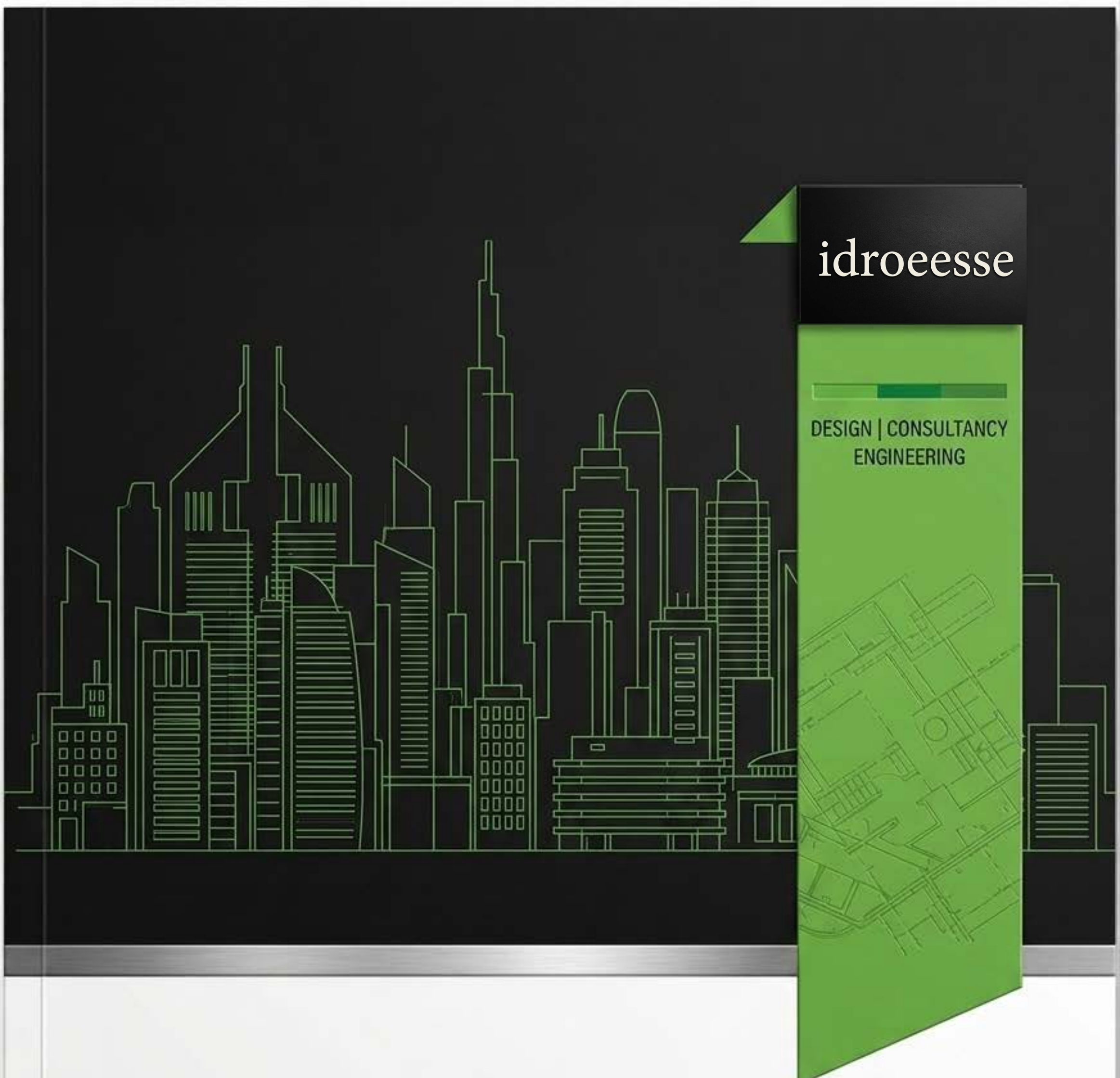
Design of rakan Bridge

Project Description

PROJECT : Design of Rakan Bridge with Landscape design

CLIENT : Sharjah Roads and Transport Authority



The top half of the cover features a dark background with a white line-art skyline of various skyscrapers. On the right side, there is a vertical green bar that serves as a design element. The word 'idroeesse' is written in white lowercase letters on a black rectangular background at the top of this bar. Below it, a horizontal green bar contains the text 'DESIGN | CONSULTANCY' and 'ENGINEERING' in white uppercase letters. The bottom half of the cover is white and contains the main title and subtitle.

idroeesse

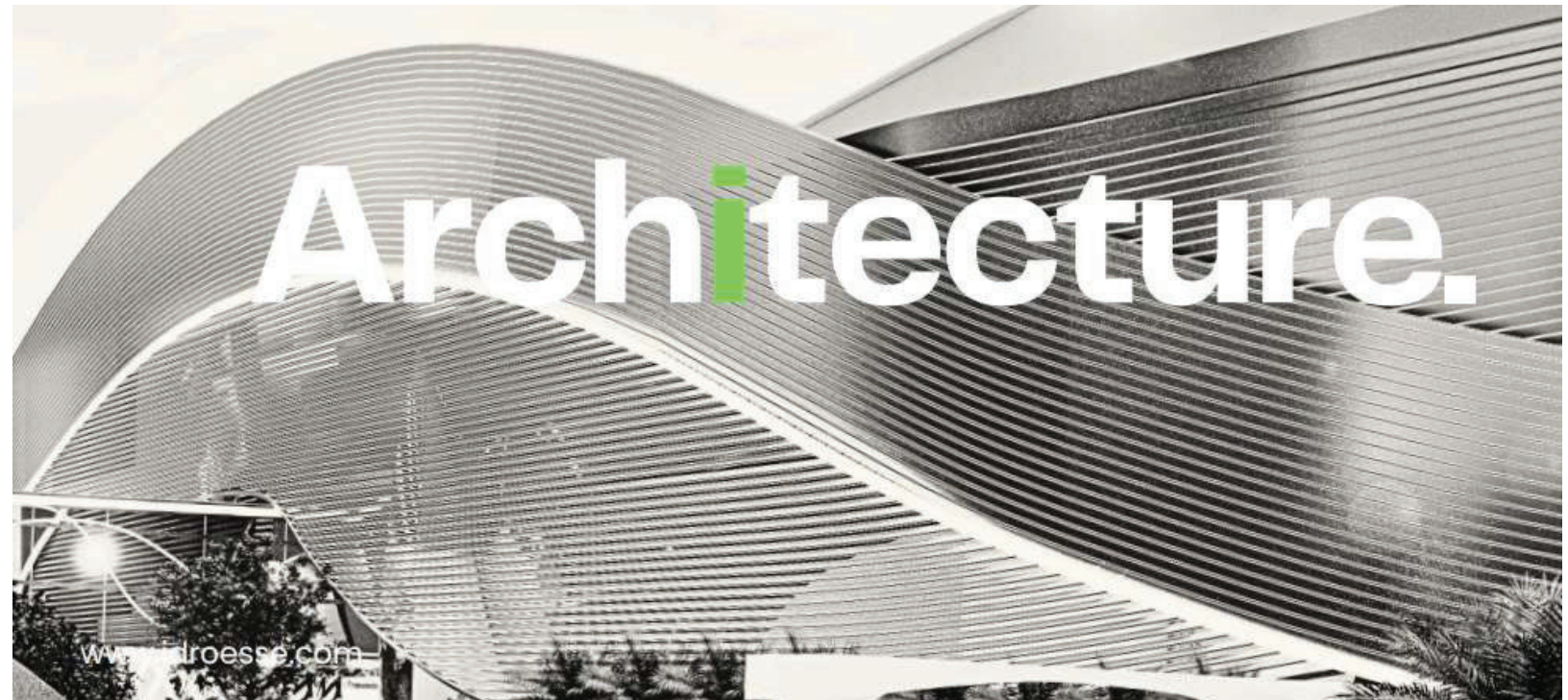
DESIGN | CONSULTANCY
ENGINEERING

BUILDINGS

UAE

UAE

INNOVATIVE URBAN SOLUTIONS



Architecture.

www.idroesse.com

Our Design Philosophy

At idroesse, we believe in creating spaces that reflect the perfect balance of aesthetics, sustainability, and functionality. Our designs focus on blending modern architecture with environmental responsibility, ensuring that our projects contribute positively to their surroundings.

Sustainable Architecture

We prioritize eco-friendly materials and energy-efficient designs to reduce the environmental impact of our buildings. From utilizing solar energy systems to integrating green spaces, idroesse is committed to sustainable development that benefits both the community and the environment.



idrossa leverages cutting-edge technology, including 3D modeling, AI-driven design tools, and virtual reality (VR), to create immersive architectural experiences. These tools allow clients to visualize their projects in detail before construction begins, ensuring a clear vision of the final product.

Innovative Technology in Architecture

Interior



idrossa specializes in creating luxurious yet sustainable interior spaces that blend comfort, style, and functionality. From modern, sophisticated homes to eco-friendly commercial environments, we design interiors tailored to the unique needs and aesthetics of each client.



Residential Architecture

idrossa specializes in designing luxurious, yet sustainable residential properties that prioritize comfort, style, and energy efficiency. From modern villas to eco-friendly apartment complexes, we design homes that meet the unique needs and tastes of each client.

Commercial Architecture

We create dynamic commercial spaces that inspire innovation and productivity. Our designs for office buildings, retail spaces, and corporate headquarters combine functionality with sleek aesthetics, allowing businesses to thrive in environments tailored to their industry.



Landscape

Greenery is integrated into large-scale landscape design projects. We create sustainable and visually engaging environments that enhance communities, integrating green spaces, natural ecosystems, and innovative landscape solutions. Our designs promote biodiversity, water efficiency, and outdoor spaces that promote well-being and connectivity with nature.



Urban Planning and Infrastructure

Systems are designed to support sustainable urban development. We design infrastructure that supports growing communities, focusing on efficient transportation systems, green spaces, and smart city technologies that improve urban living.



Architecture.

www.idroesse.com

Our Design Philosophy

At idroesse, we believe in creating spaces that reflect the perfect balance of aesthetics, sustainability, and functionality. Our designs focus on blending modern architecture with environmental responsibility, ensuring that our projects contribute positively to their surroundings.

Sustainable Architecture

We prioritize eco-friendly materials and energy-efficient designs to reduce the environmental impact of our buildings. From utilizing solar energy systems to integrating green spaces, idroesse is committed to sustainable development that benefits both the community and the environment.



Our Team of Experts

The idroesse team comprises highly skilled architects, engineers, and designers who bring a wealth of experience to every project. Our collaborative approach ensures that every structure we design meets the diverse needs of our clients, with innovative solutions at every stage.



Key Projects and Case Studies

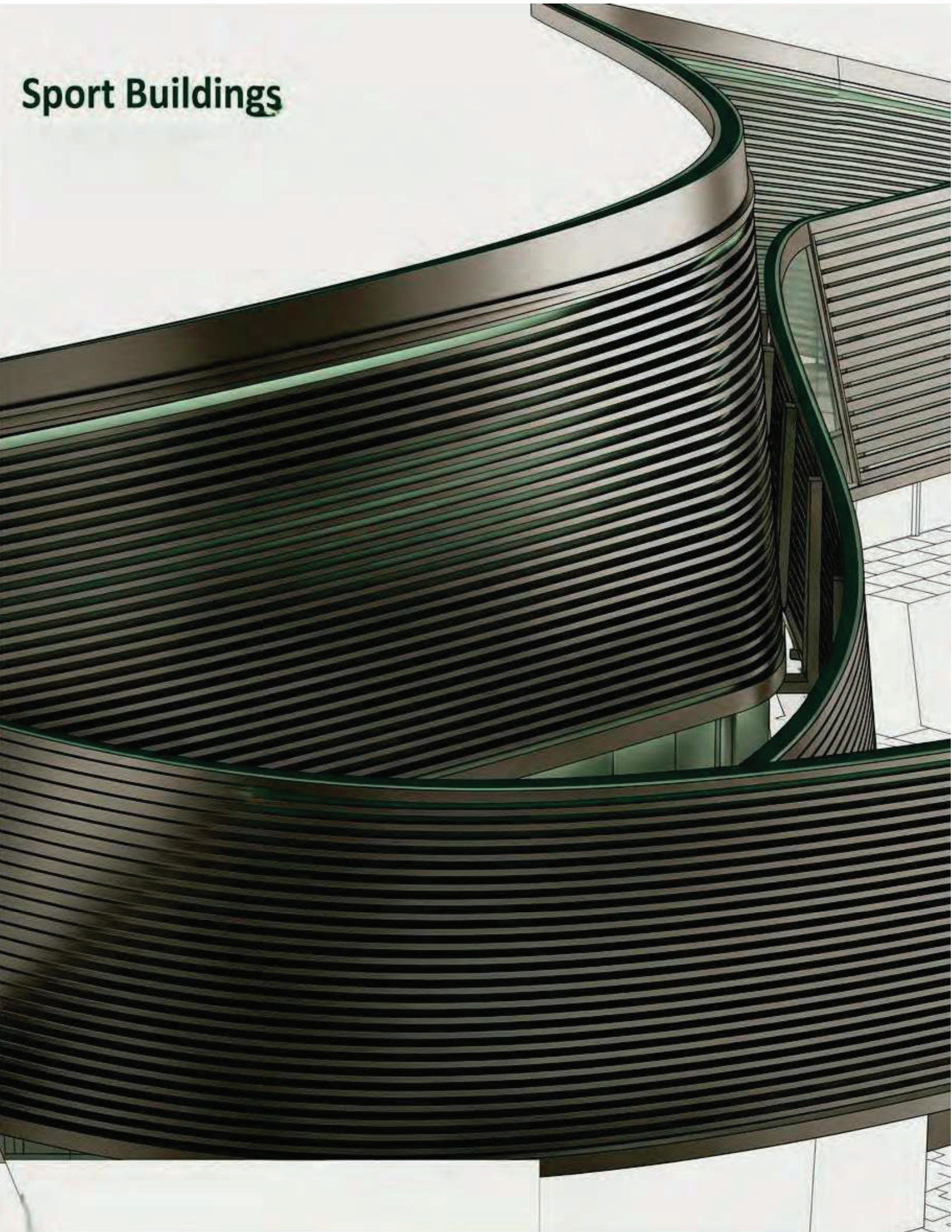
Our portfolio includes a range of successful projects, from residential homes to commercial complexes, masterplanning, landscape and planning services, infrastructure buildings. Highlighted projects include the sports centre in Australia and community in intergovernmental answering for personal expertise.

Why Choose idroesse?

Choosing idroesse means working with a firm that values creativity, sustainability, and client satisfaction. We are dedicated to delivering architectural solutions that not only meet today's demands but are also adaptable for future needs. Let us build your next vision.



Sport Buildings





AL NAHYAN STADIUM UPGRADING



AL NAHYAN STADIUM UPGRADING

Project Description

PROJECT : Al Nahyan Stadium

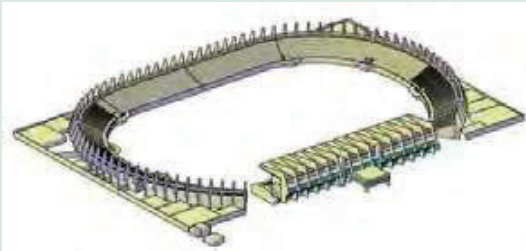
CLIENT : Al WhadaSports Club

LOCATION : Abu Dhabi

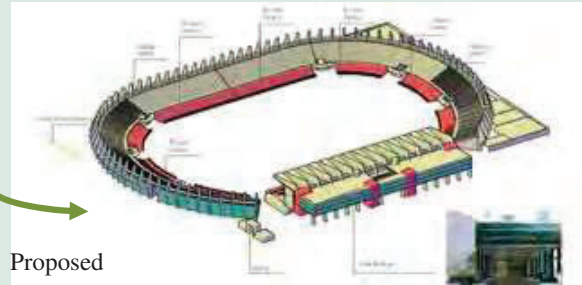
PERIOED : Jun.2018-Nov. 2018

VALUE : 66,000,000.00 AD

SCOPE : Up grading and refurbishment for The building & Stadium, Adding new Building, VIP Entrances, New Gate, Service Buildings Stadium Seat Extinction, Converting all spaces beneath Stadium Grandstand to Commercial Shops



Ground Floor Existing



Proposed



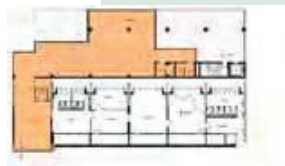
Ground Floor



Third Floor



Second Floor



VIP Lounge



VIP Lounge & Media



VVIP Lounge



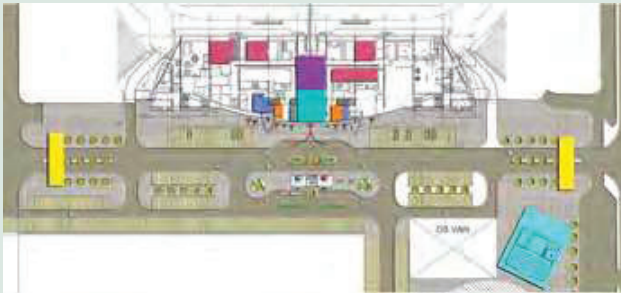


Project Description

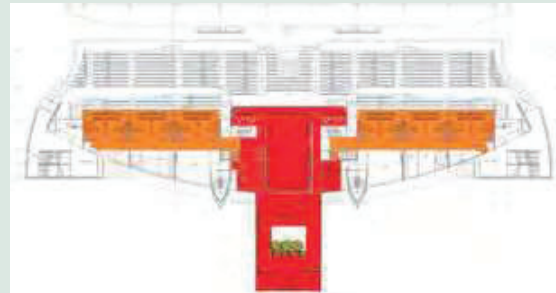
PROJECT : H.H. Mohammed Bin Zayed Stadium
CLIENT : Abu Dhabi Sport Council
LOCATION : Abu Dhabi
PERIOD : Nov.2021-Feb. 2022
VALUE : 34,830,260.00 AD
SCOPE : Phase-1, Design & Inspection, Refurbishment stage for the existing building and sport court, adding new media Studio, Interior Design and the internal roads & parking
Phase-2, New Design in two proposals for the External elevations, main Gate and the mosque.
Phase-3, Design the retractable roof

Phase – 1

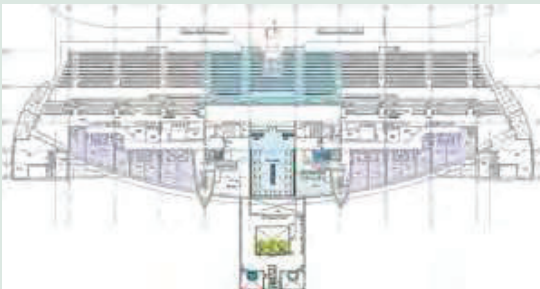
Ground floor



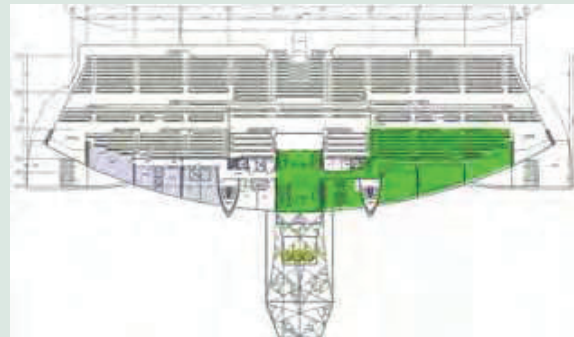
Second Floor



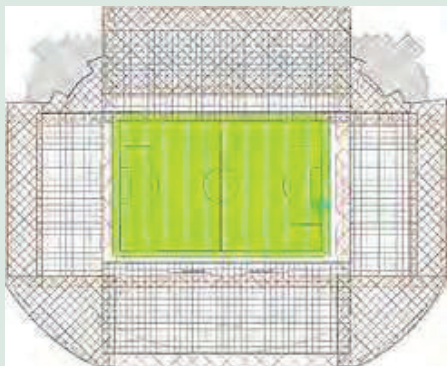
Third Floor Layout



Fourth Floor Layout



Retractable Roof Layout



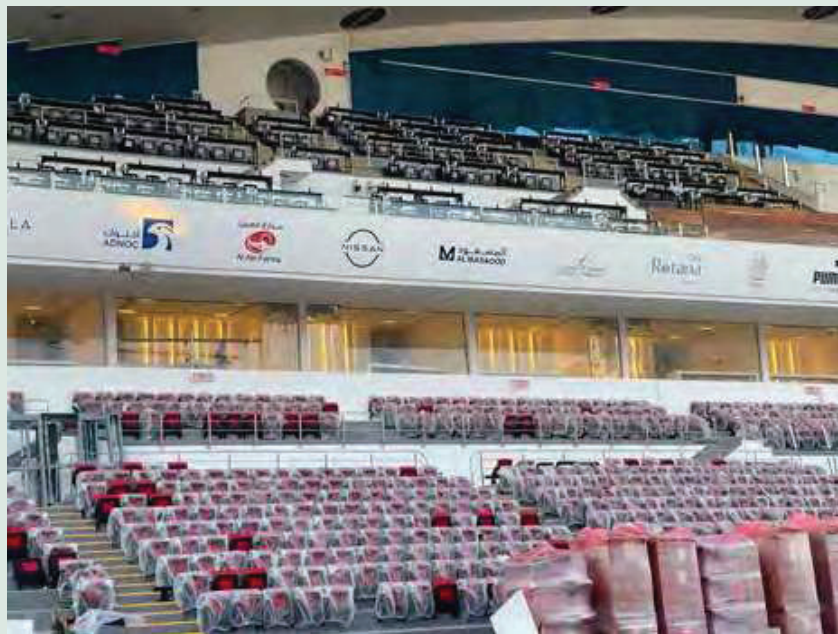
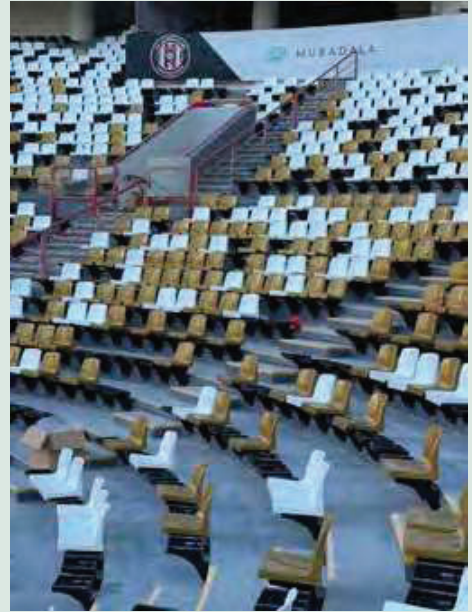
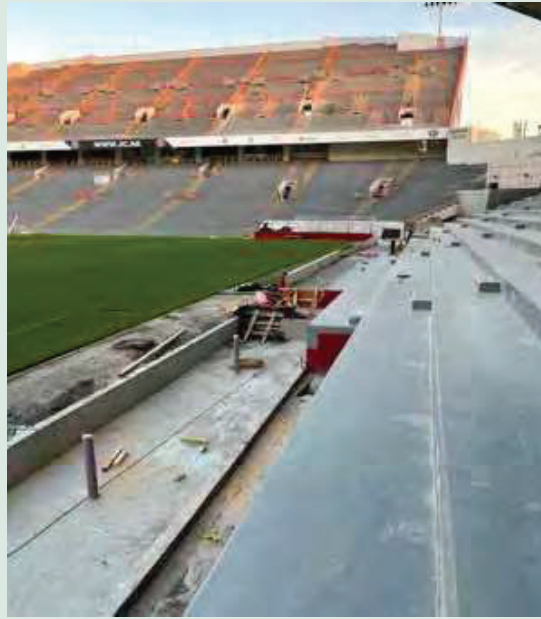
Location







Replace the seats for all steps

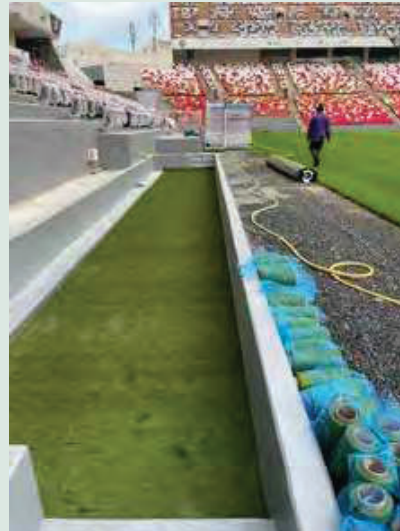
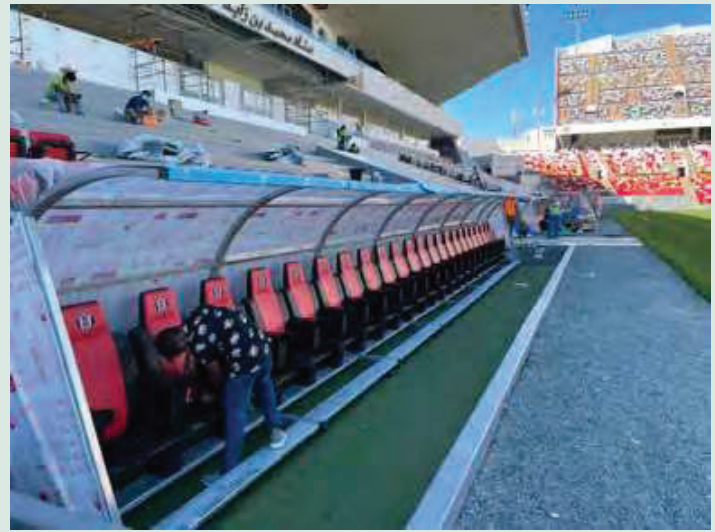


Adding the new Media Studio

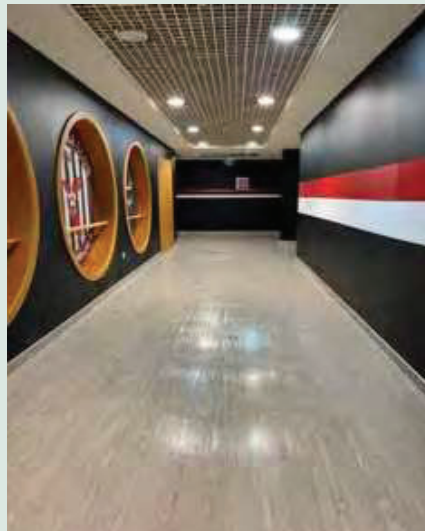
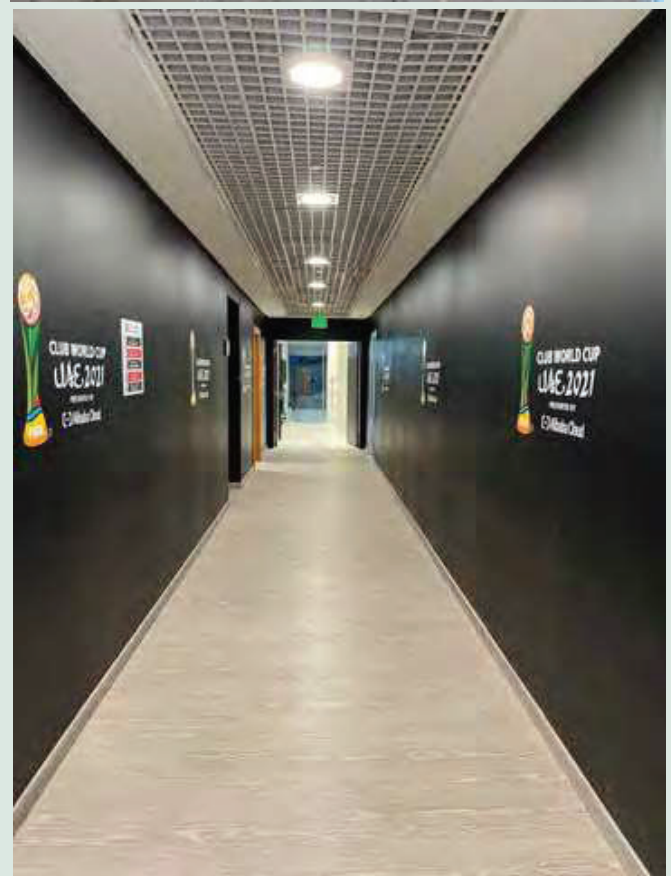




External Works

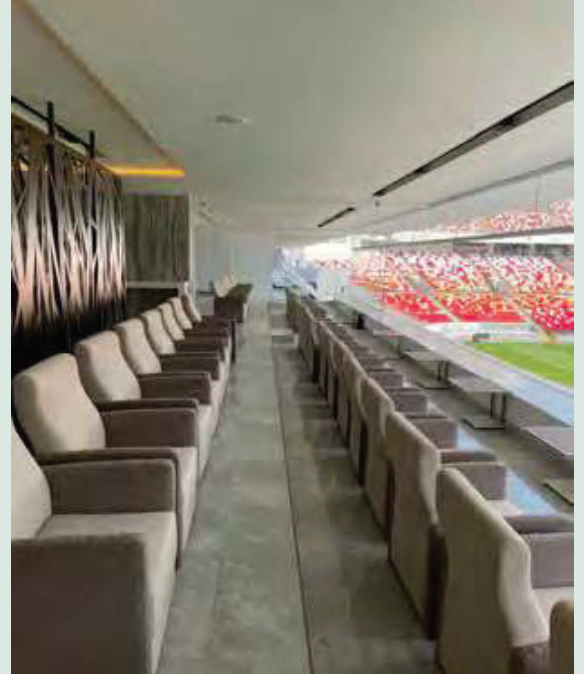
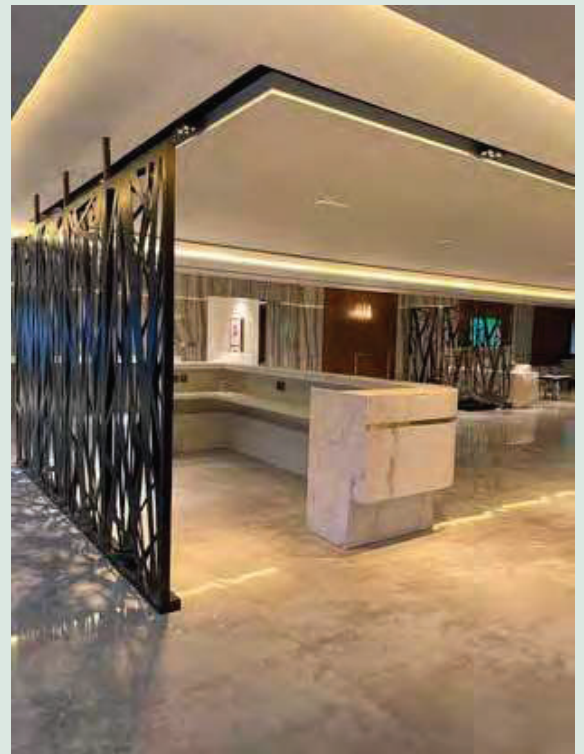


Main Entrance



First Floor

VIP Lounge

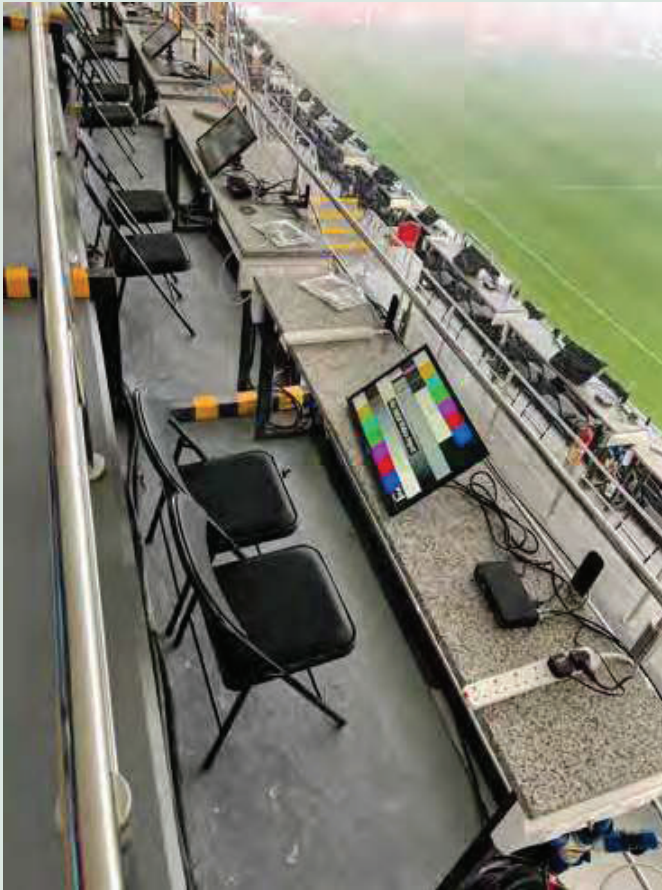


Ablution

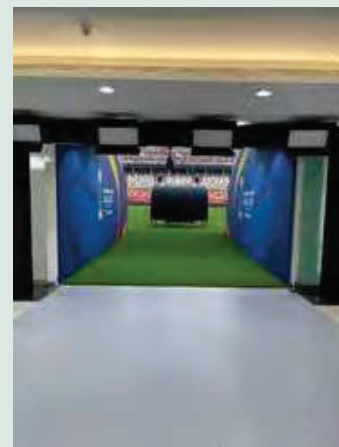
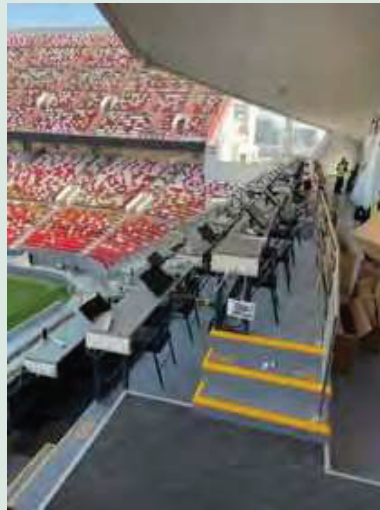
Media Room



Commentator Room



Team Entrance to the Play Area



Phase – 2

Option-1: Upgrading the elevations with the Gate & adding new Mosque.



Front Elevation



VIP Entrance

Phase – 3

Option-1: Design the retractable roof





Option-2: Upgrading the elevations with the Gate & adding new Mosque & New Gate



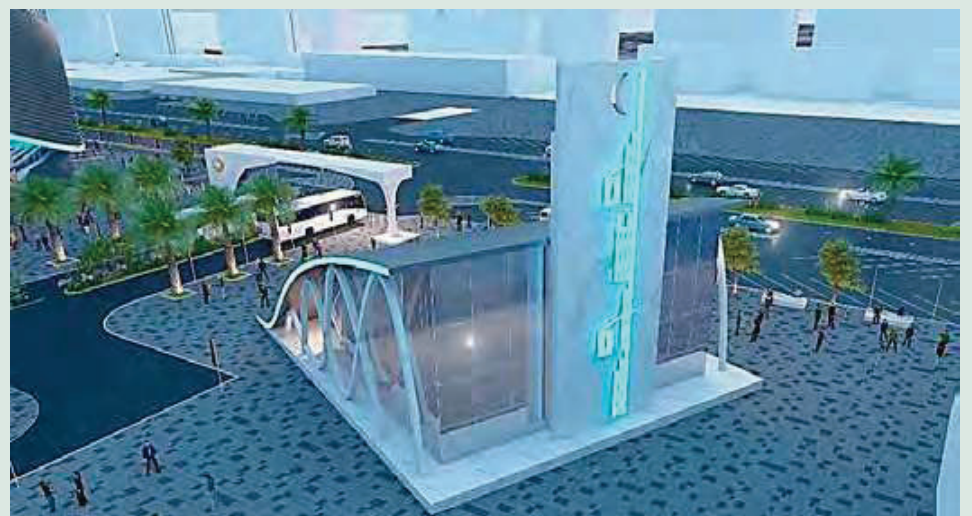




Main Entrance Canopy



Main Entrance



Mosque

Bany Yas Stadium Concept

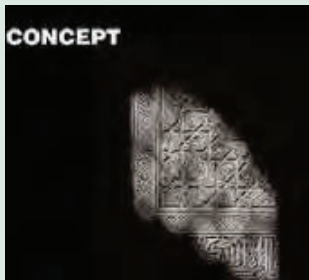


STADIUM FOR BANIYAS CLUB
COMPLETED MASTERPLAN OPTION

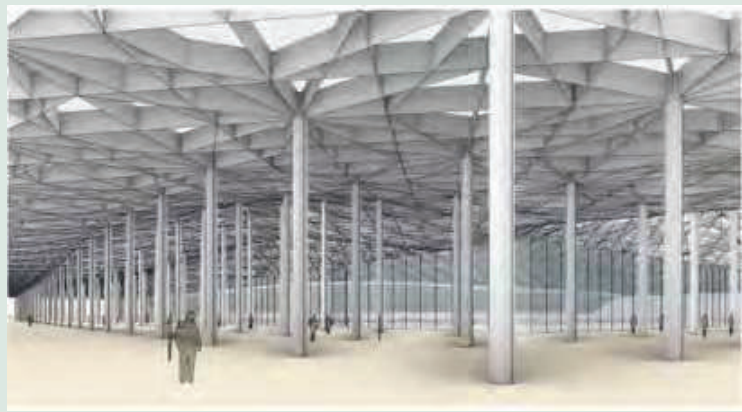
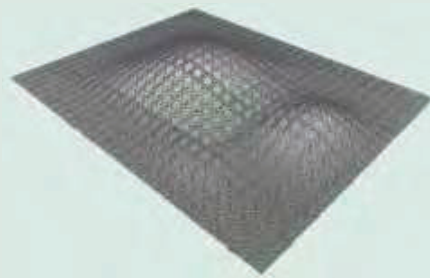


idroesse
infrastructure

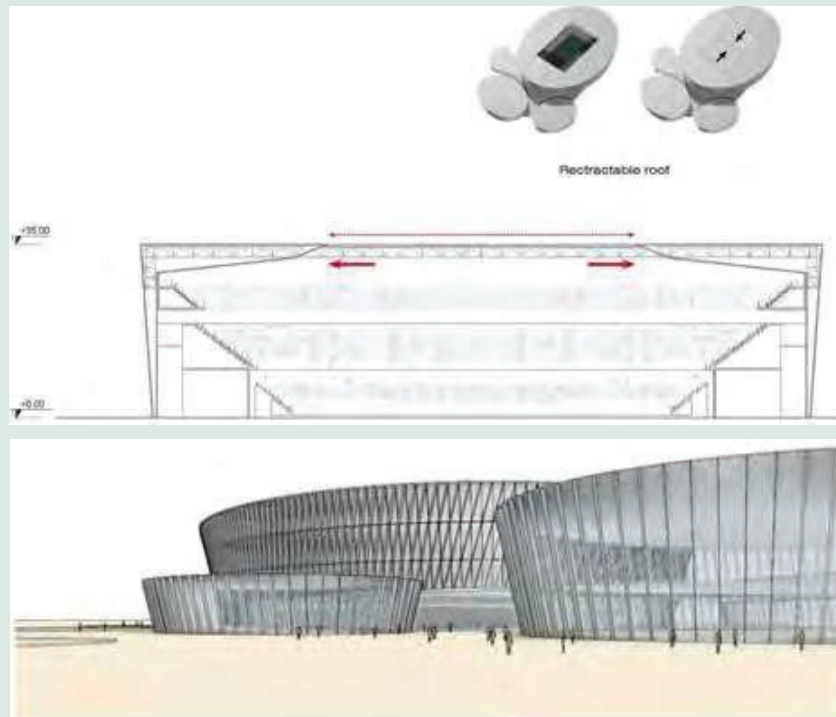
Covered Stadium Proposals Concept -1



Concept-2



Concept_3



Project Description

PROJECT : Al Qlaa track race in Smahaa - Abu Dhabi
CLIENT : Abu Dhabi Sport Council
LOCATION : Abu Dhabi
PERIOD : Aug.2022-Sep. 2022
VALUE : 150,000,000.00 AD
SCOPE : Design & Inspection, Racing paddock building

LAYOUT



Option-1



Option-2



OPTIN-3



Option-3



PADOWK FRONT VIEW



PADOWK BACK ELEVATION



ARIAL VIEW



SIDE VIEW



GARAGE VIEW

Project Description

PROJECT : Media Building
CLIENT : Zayed Cricket Stadium
LOCATION : Abu Dhabi
PERIOED : Aug.2022-Sep. 2022
VALUE : 150,000,000.00 AD
SCOPE : Design & Inspection, Racing paddock building

Option-1



FRONT ELEVATION

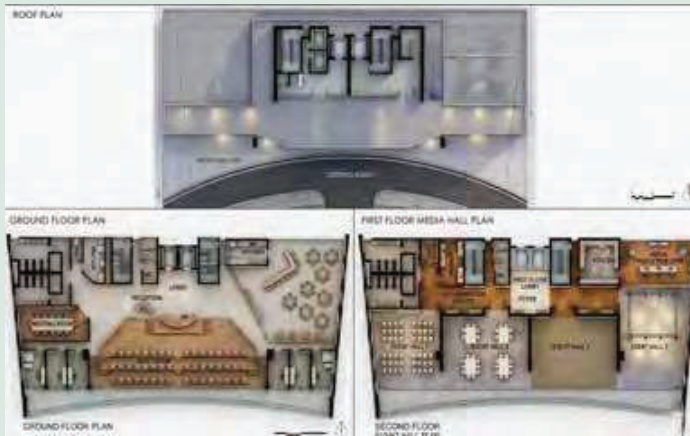


BACK ELEVATION

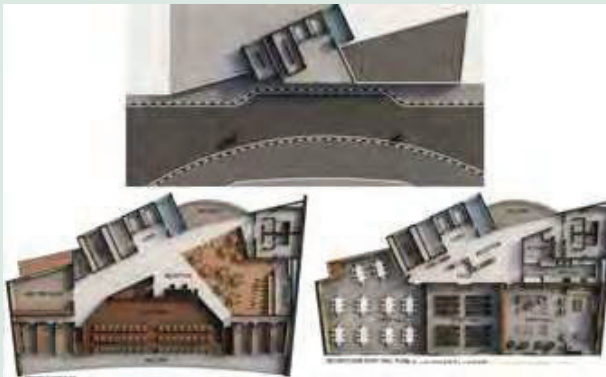


PLANS LAYOUT

Option-2



Option-3

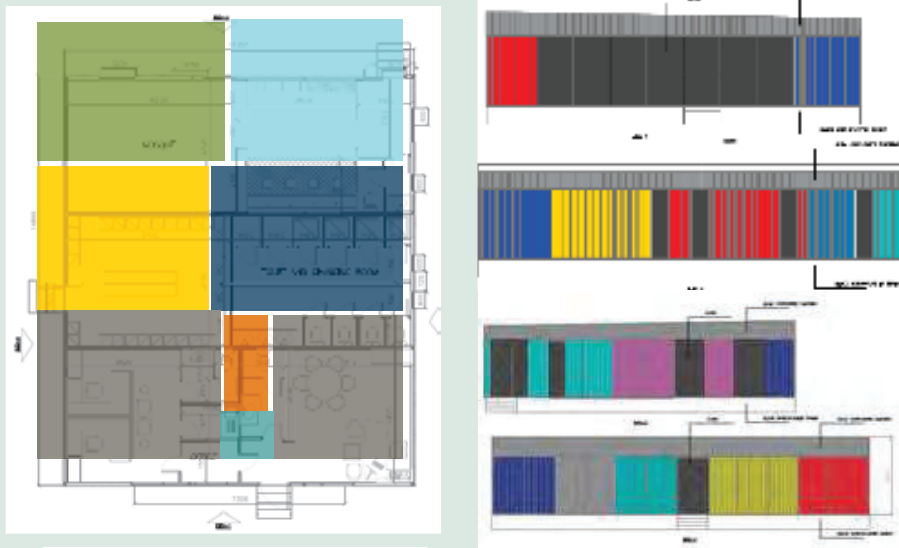


Project Description

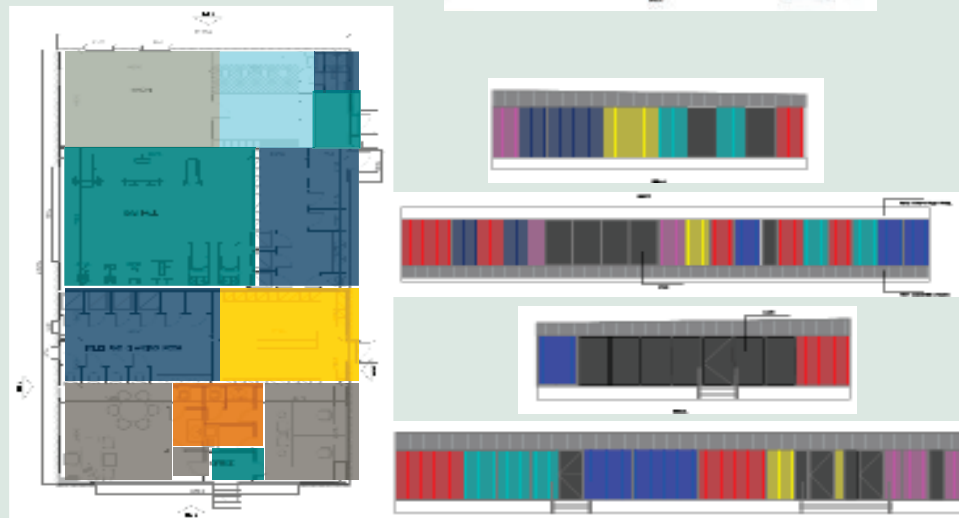
PROJECT : Sport facility in western region
CLIENT : ADSC
LOCATION : Abu Dhabi-Gayathi, Sila, dalma, Mirfa1&2
PERIOED : Aug.2022-Sep. 2022
VALUE : 20,000,000.00 AD
SCOPE :Concept Design For The Sport Facility With Services



Porta cabin Type-1



Porta cabin Type-2



Gayathi



Sila



Mirfa-1



Mirfa-2



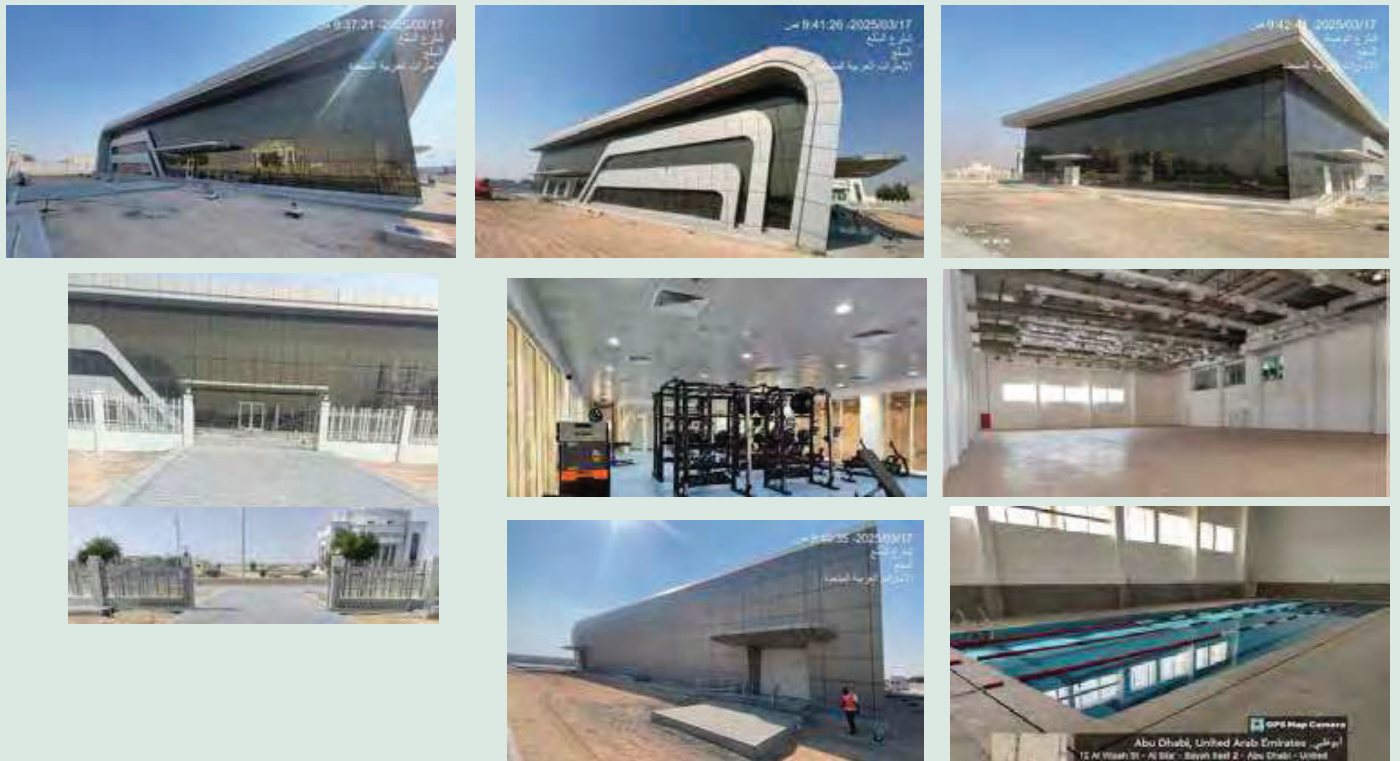
Project Description

PROJECT : Community Sport Center
CLIENT : Abu Dhabi Sport Council
LOCATION : Abu Dhabi- Sila & MZ
PERIOED : Oct.2023-April. 2024
VALUE : 31,059,350.00 AD
SCOPE : Phase-1, finalizing the non-finished works for Civil, Architectural
& MEP works with Authority approvals
Phase-2, Upgrading the Existing Building with New Modern Design

Phase -1 MZ

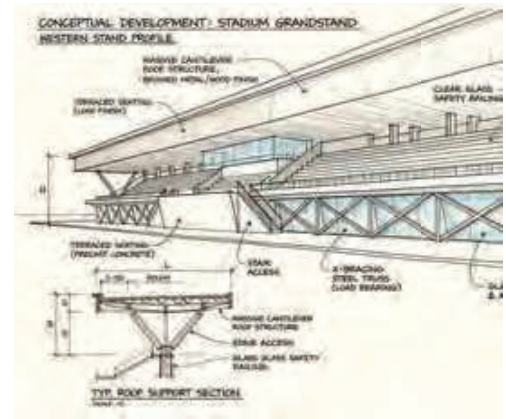


Sila



Project Description

PROJECT : Al dhafrah Stadium : Abu Dhabi
CLIENT : Sport Council
LOCATION : Abu Dhabi
PERIOD : August 2023
VALUE : 20,000,000.00 AD
SCOPE : Design & Inspection, Refurbishment for the existing building, main gate and sport court, Interior Design and the internal roads & parking



Phase -2



Option-1



Option-2

Proposal for a New Building for ADCC



RESIDENTIAL BUILDINGS



Project Description

PROJECT : Privet Villas
LOCATION : UAE
SCOPE : Exterior Design





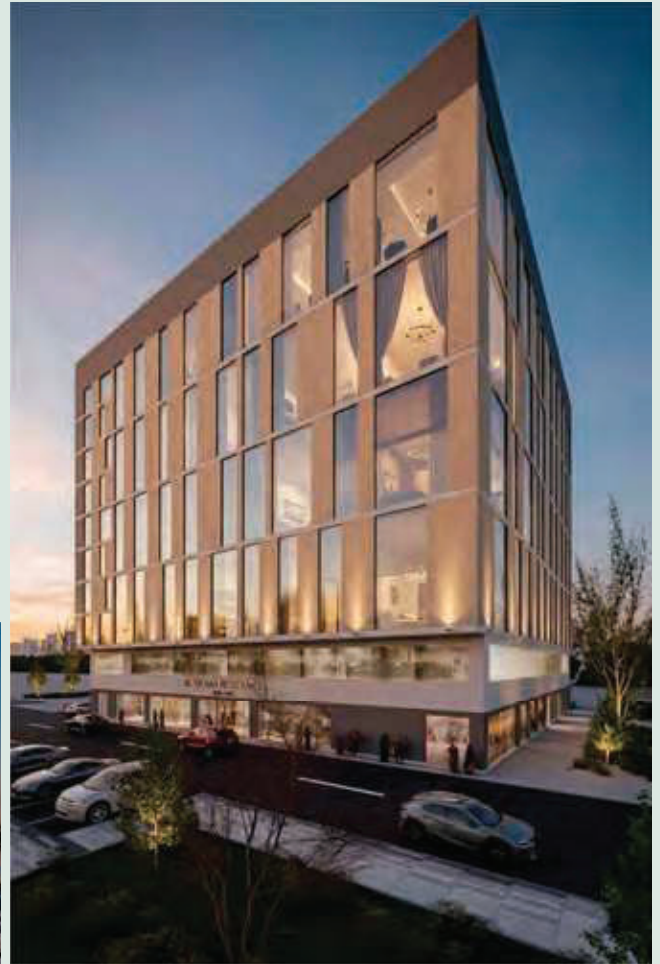
Project Description

PROJECT : Residential Compound
LOCATION : UAE - Khorfacan
SCOPE : Road & Exterior Design

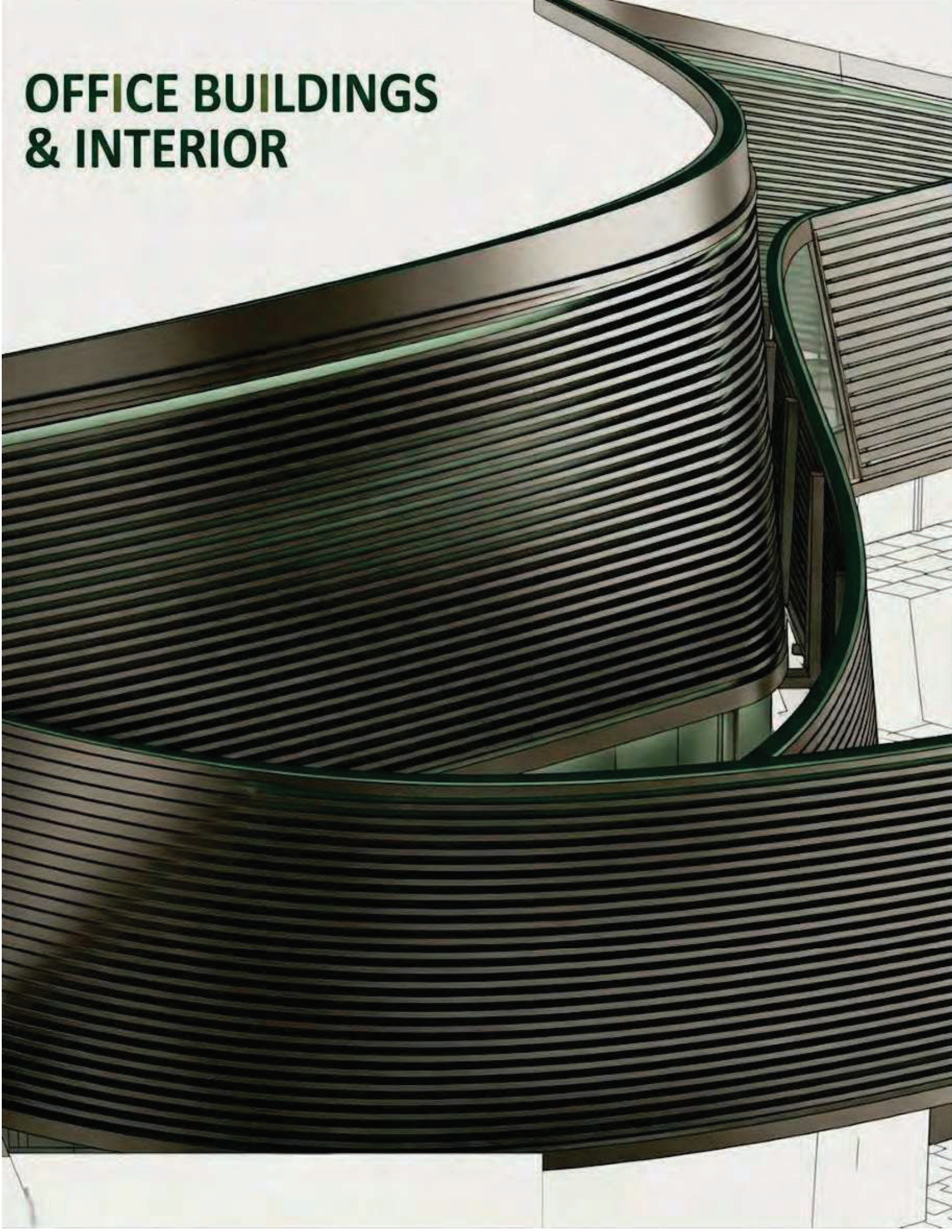




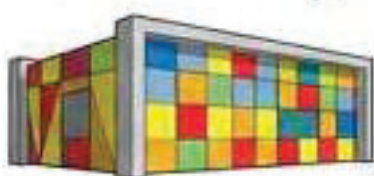
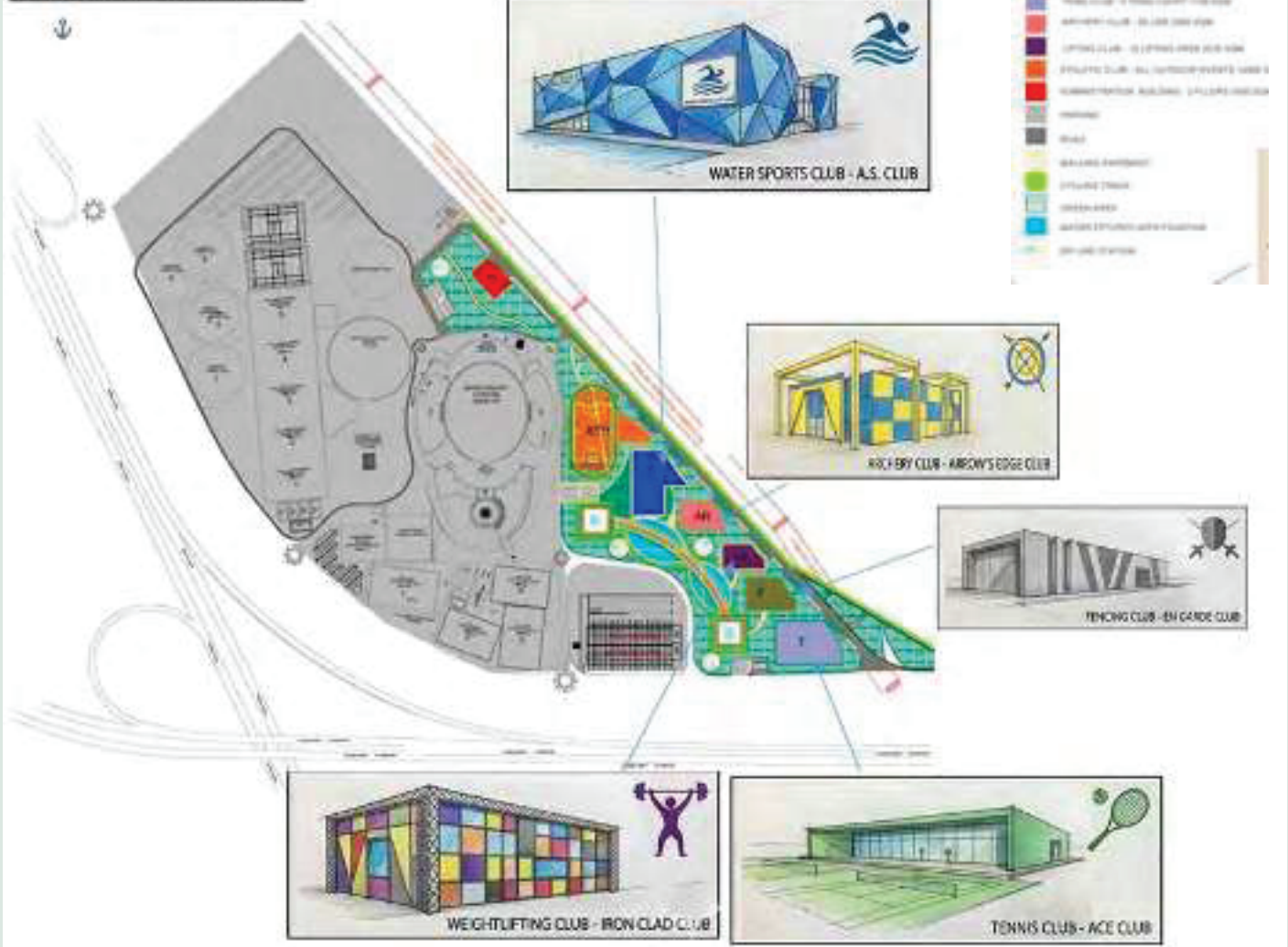




OFFICE BUILDINGS & INTERIOR



SIX CLUBS COMPLEX CRICKET STUDIUM SITE



WEIGHT LIFTING 



WATER SPORT CLUB 



TENNIS CLUB 

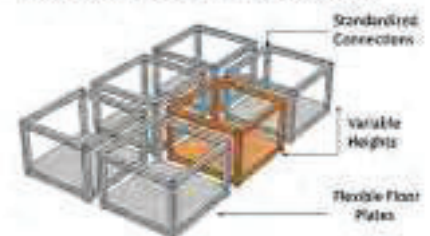


ARCHERY CLUB 



Steel Truss Profiles for Flexible Spans
The suitable shape for each building

MODULAR STEEL FRAME SYSTEM

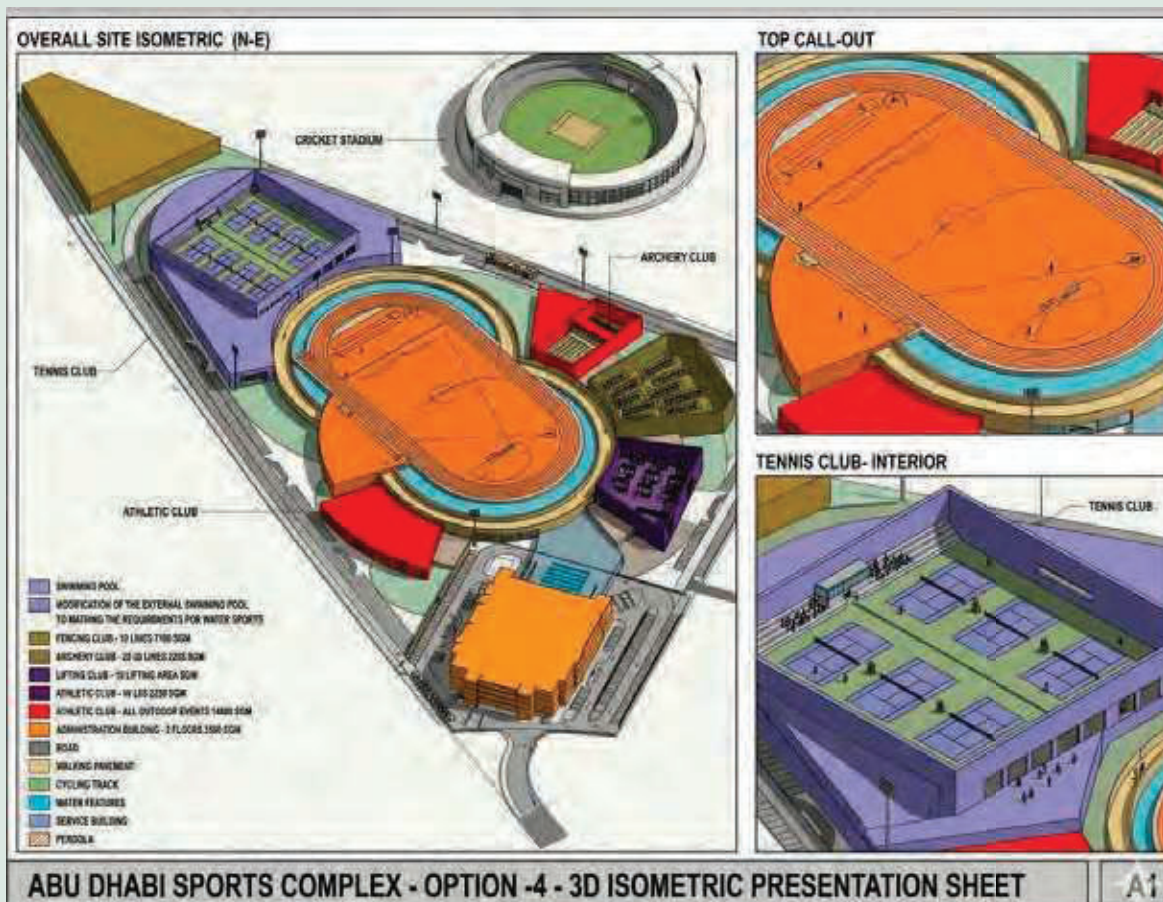


Steel Frame modular system to achieve required shape, size, and height for diverse sporting events, designed for integration with glass & aluminum cladding options (various shapes and colors).

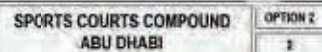




ABU DHABI SPORTS COMPLEX - OPTION-3 - ISOMETRIC SITE PRESENTATION - NEAR CRICKET COURT



ABU DHABI SPORTS COMPLEX - OPTION -4 - 3D ISOMETRIC PRESENTATION SHEET



441.7	Project Abu Dhabi Sports Complex - Abu Dhabi
-------	--

Information Detail - 2014

OPTION-1, VIEW 1

OPTION-1, VIEW 2

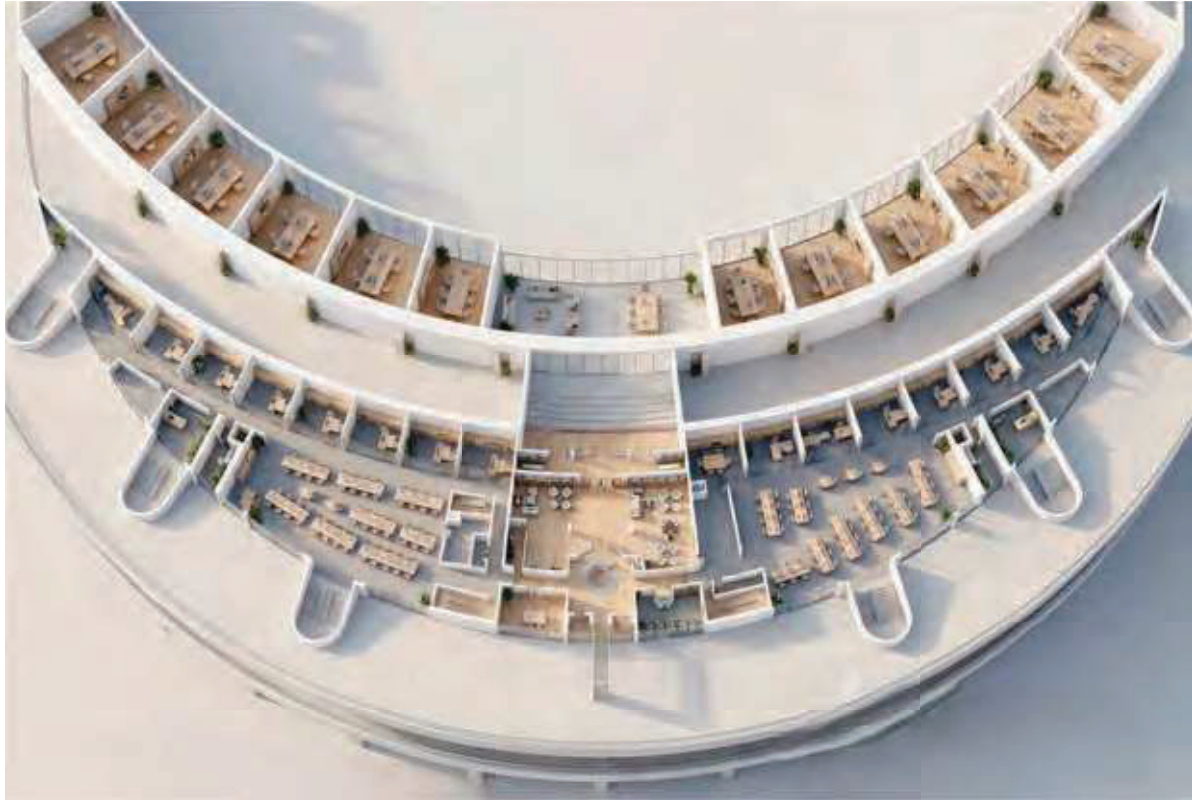
OPTION-1, VIEW 3

PROPOSED SITE LAYOUT - SPORTS COURT COMPOUND, ABU DHABI



Project Description

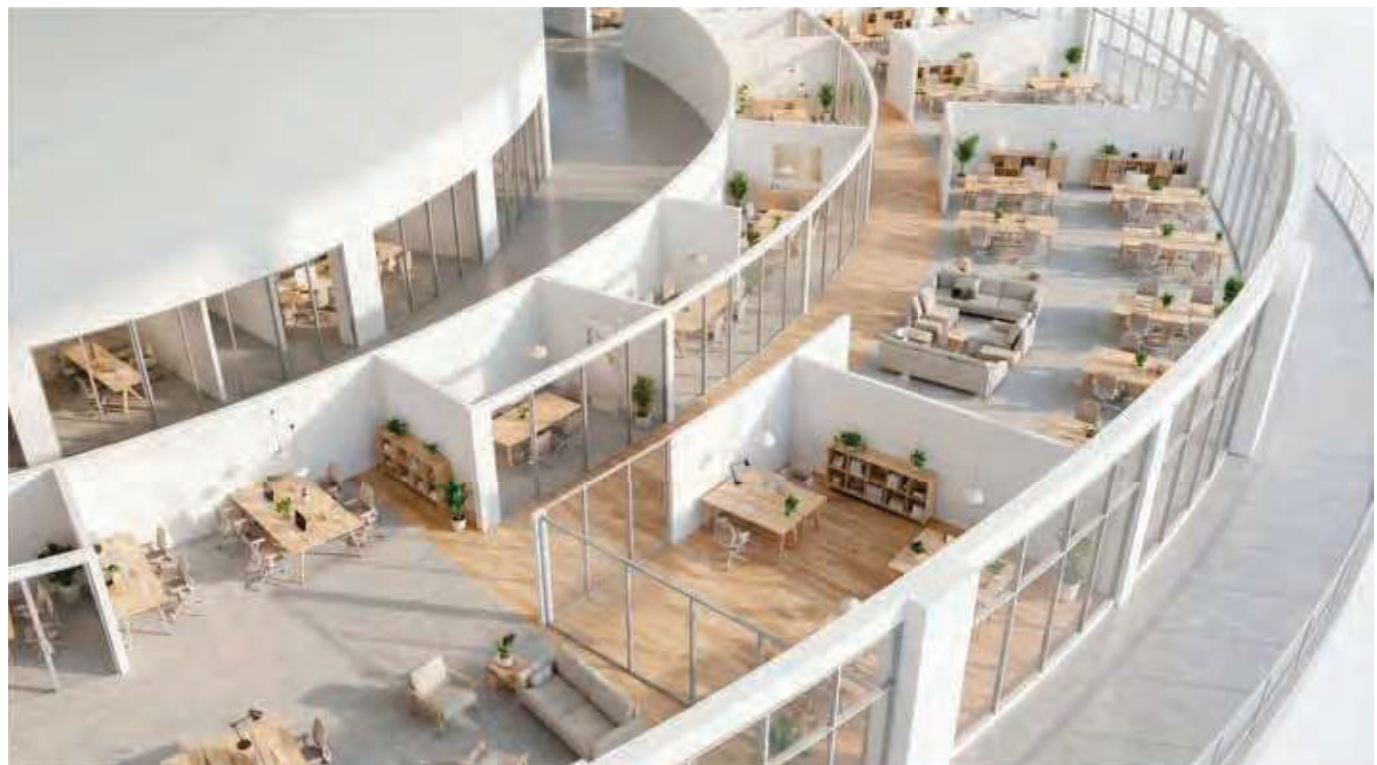
PROJECT : Abu Dhabi Racket Club
CLIENT : Abu Dhabi Sport Council
LOCATION : Abu Dhabi
PERIOD : Aug.2024-Sep. 2024
VALUE : 18,000,000.00 AD
SCOPE : Re design the floors to be as offices to
ADSC in the Racket Club .



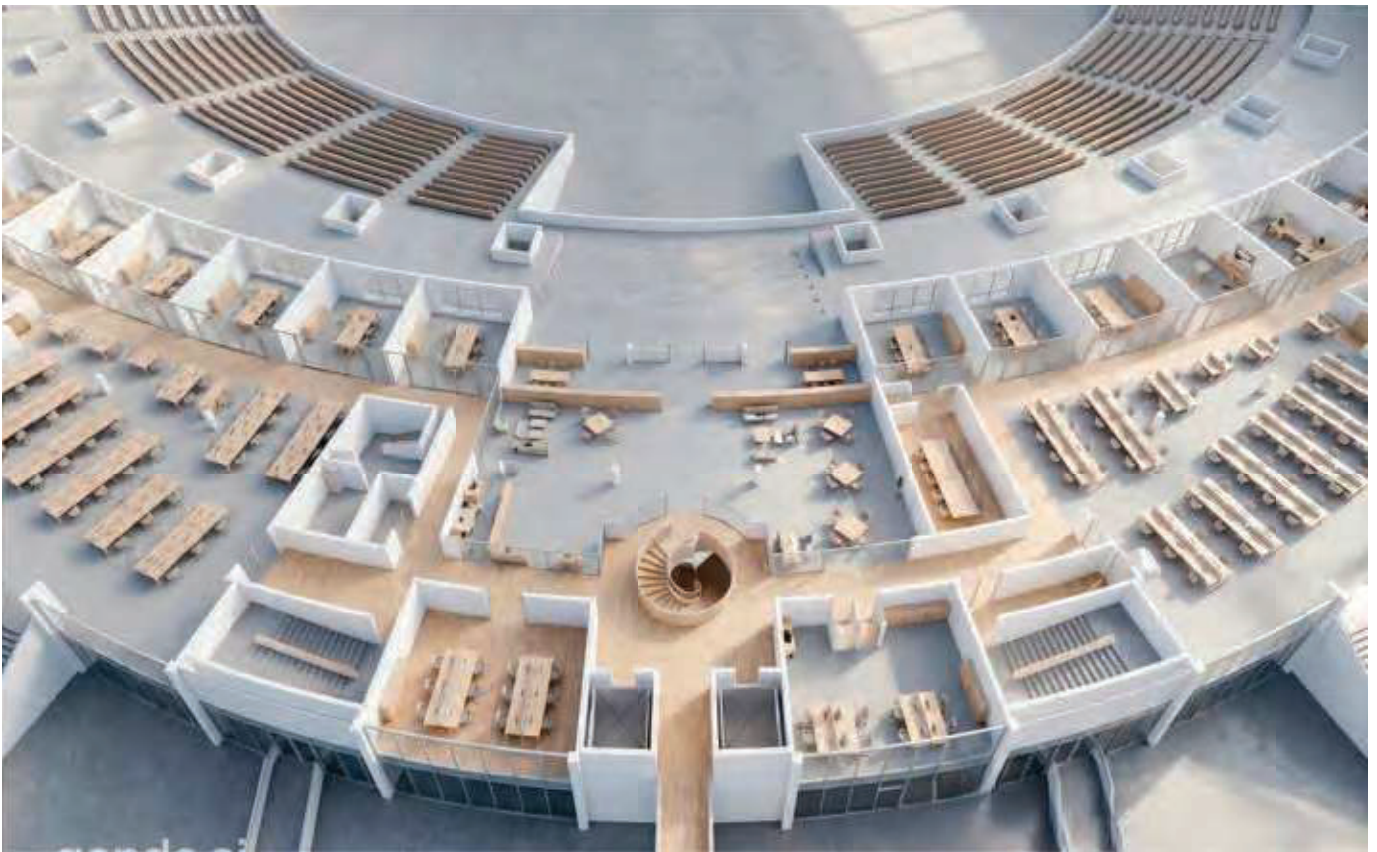
FIRST FLOOR



SCOOND FLOOR



THIRD FLOOR



Project Description

PROJECT : Abu Dhabi Sport Council HQ

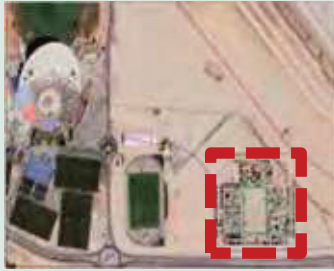
CLIENT : Abu Dhabi Sport Council

LOCATION : Abu Dhabi

PERIOD : Feb.2022-Sep. 2023

VALUE : 60,000,000.00 AD

SCOPE : Design & Inspection, Six Buildings to be as Offices then to transferee to Sport Halls.



Location



Office Buildings Option-1



Office Buildings Option-2

Sport Halls



Offices Interiors



Project Description

PROJECT : Abu Dhabi Racket Club
CLIENT : Abu Dhabi Sport Council
LOCATION : Abu Dhabi
PERIOED : Aug.2024-Sep. 2024
VALUE : 15,000,000.00 AD
SCOPE : Concept Design for a Racket Club Halls.



PROPOSED COMMUNITY SPORTS COMPLEX: SCHEMATIC LAYOUTS



Option-1

Option-2

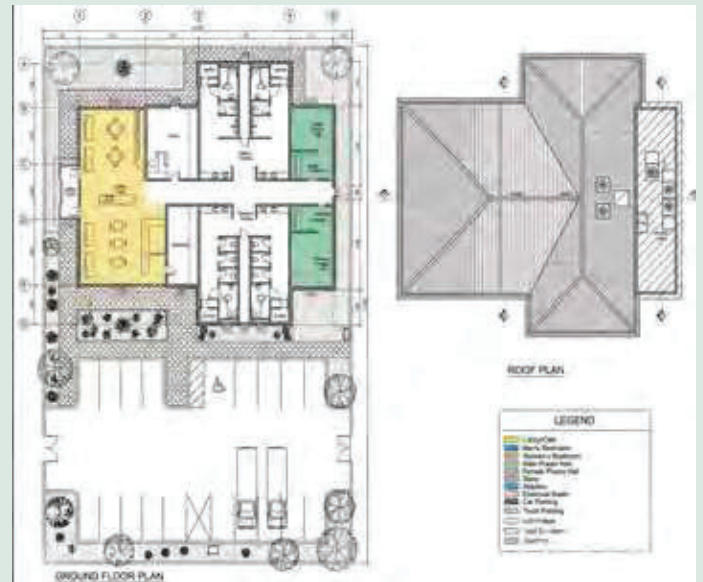
Restaurant



Project Description

PROJECT : AL AIN NORTHERN RING ROAD- LANDSCAPE-CONCEPT STAGE
CLIENT : Al Ain Municipality
LOCATION : Abu Dhabi- Al Ain
PERIOD : Aug.2022-Sep. 2022
VALUE : 2.3 Billion AD
SCOPE : Design Of Northern Ring Road Extension And Al Ain-Sedira Road Project In Al Ain City (33 Km Length). Including 9 new interchanges & Rest Buildings

REST AREA BUILDING PROPOSALS



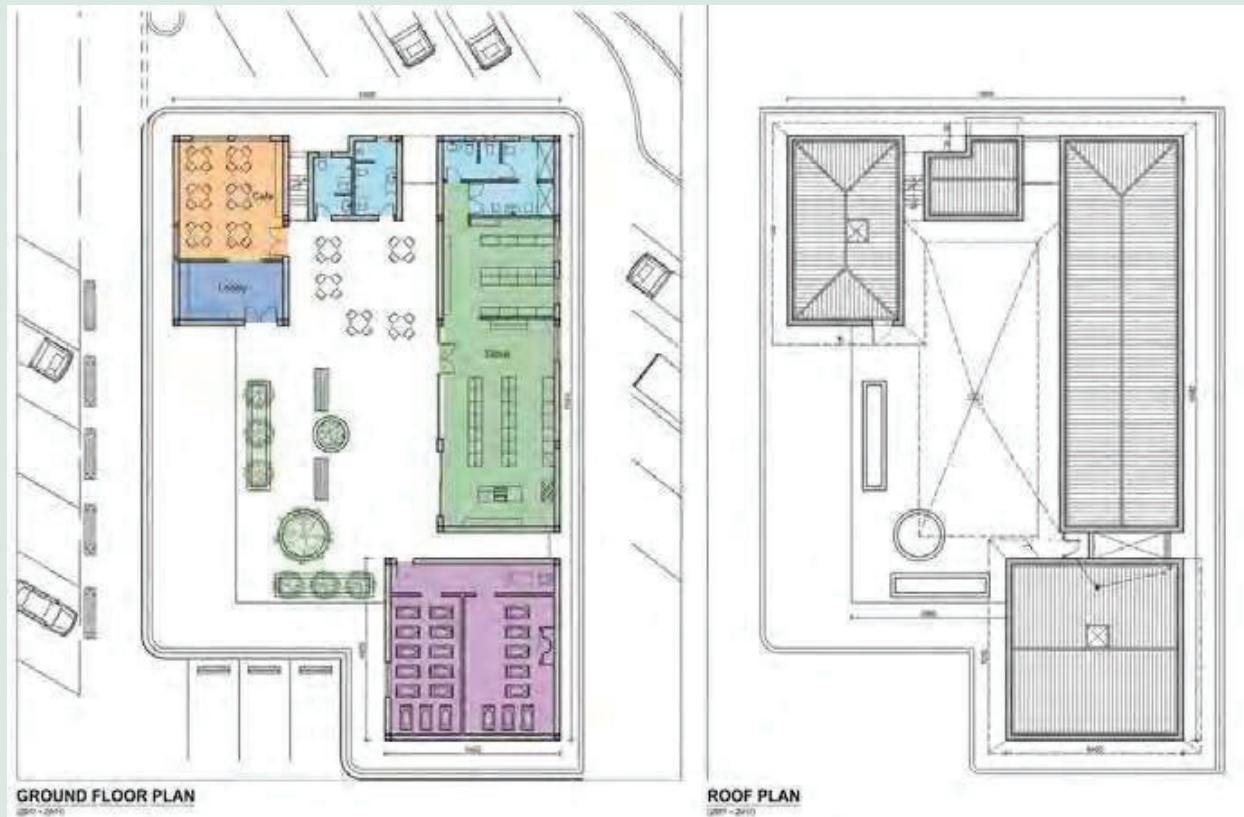
OPTION-1

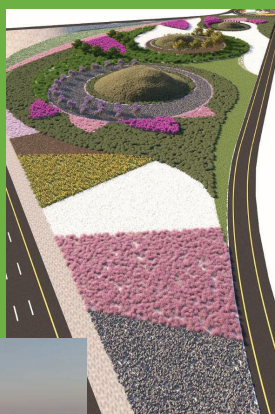


OPTION-2



OPTION-3





Portfolio
buildings

idroesse
infrastructure

idroesse

infrastructure

idroesse infrastructure – Middle East

Khalidiyah, Al Muhairy Center, Offices Tower,
3rd floor

PO Box 52645 Abu Dhabi - United Arab Emirates

Tel: +971 2 4475566, Fax: +971 2 4477641

E: info@idroesse.com

www.idroesse.com

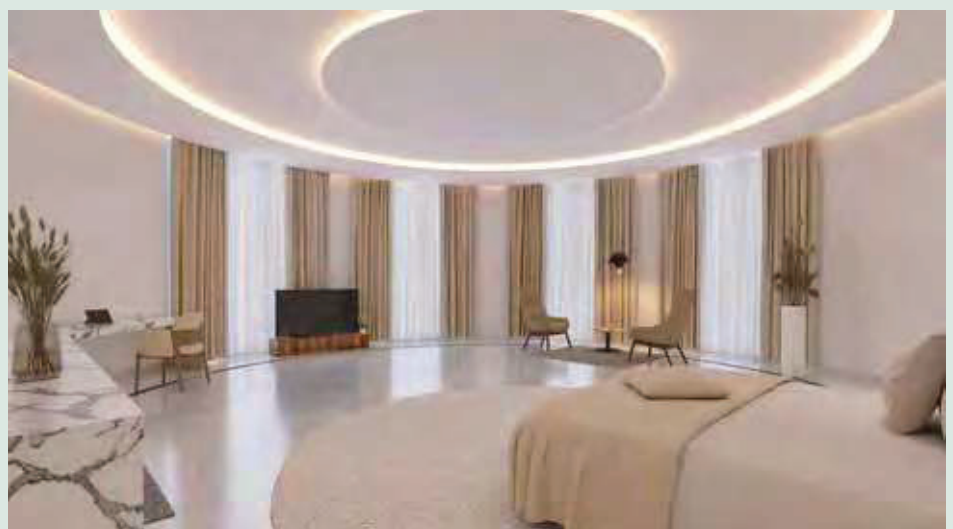
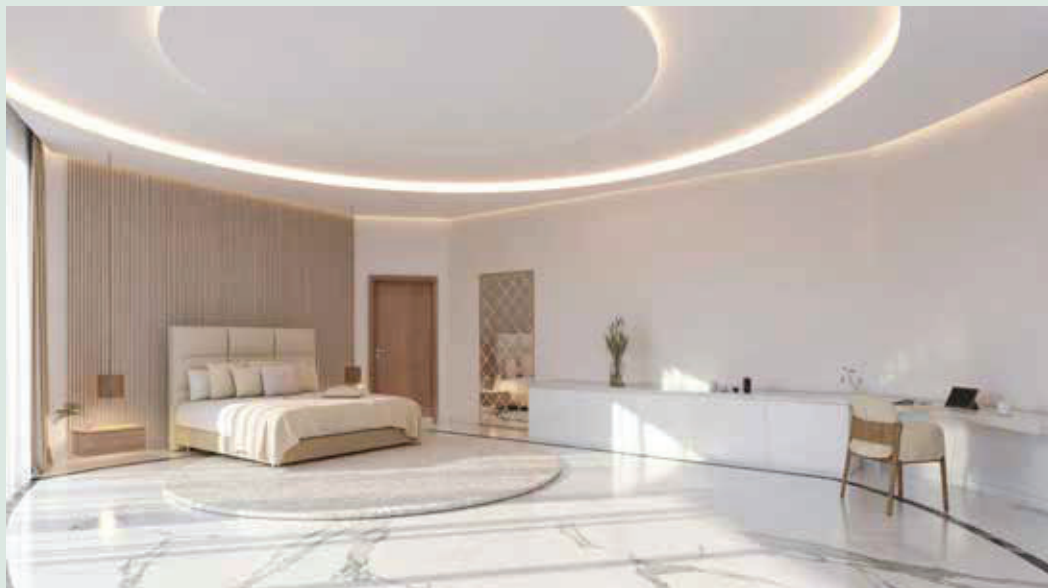
VILLA & INTERIOR



Project Description

PROJECT : Privet Villa
CLIENT : Mr. Al Dahiri
LOCATION : RAK
PERIOED : Jan. 2025
VALUE : 6,000,000.00 AD
SCOPE : Interior Design





Project Description

PROJECT : ADSC Office
CLIENT : ADSC
LOCATION : Abu Dhabi- Al Ain
PERIOED : Aug.2022-Sep. 2022
VALUE : 30,000,000.00 AD
SCOPE : Interior Design for the ADSC Offices & Fit out

Offices & Fit out

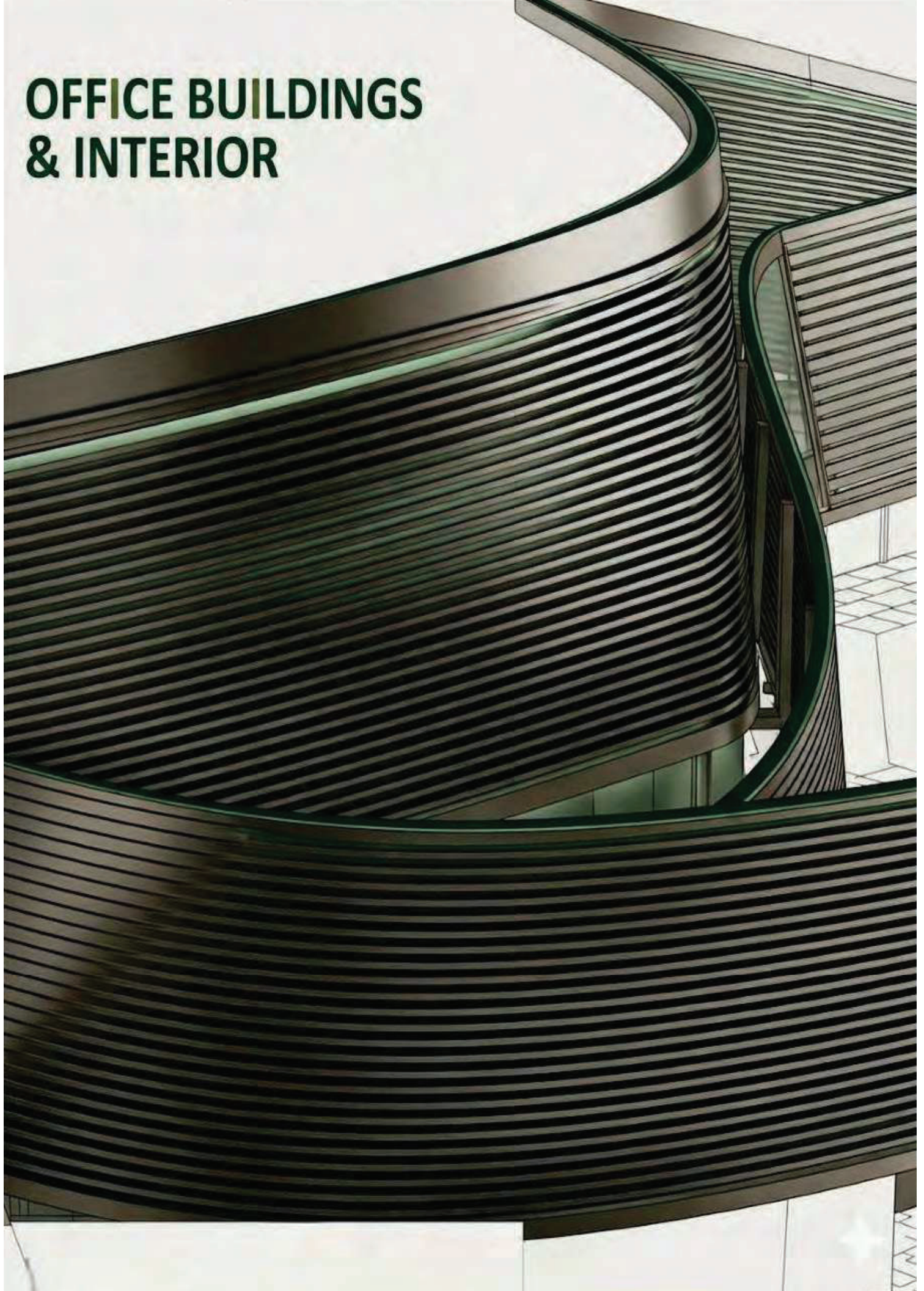


Main Entrance



Majlis

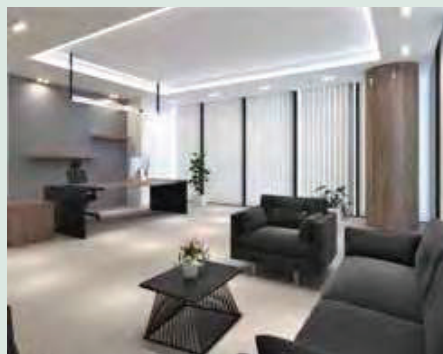
OFFICE BUILDINGS & INTERIOR



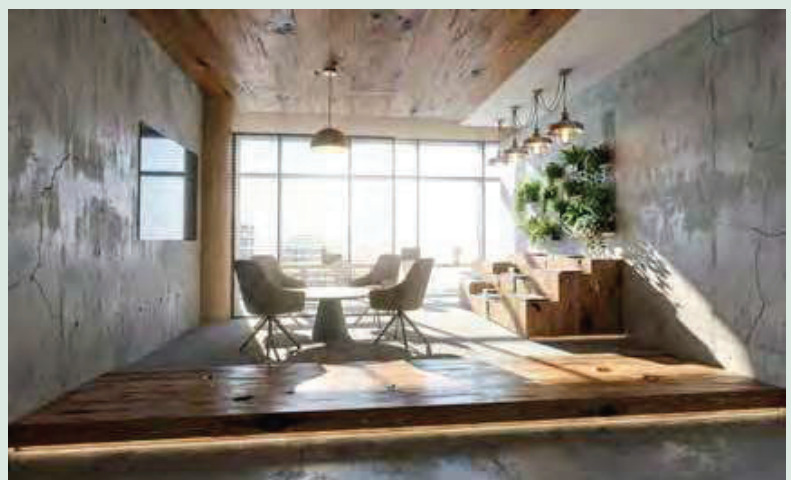
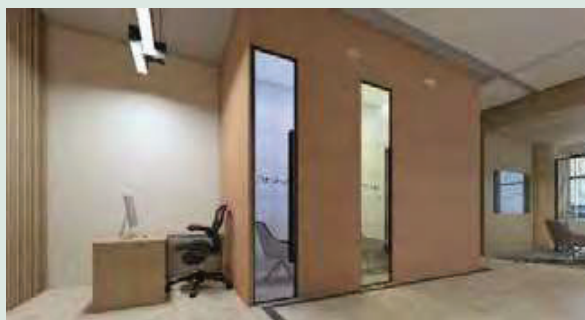
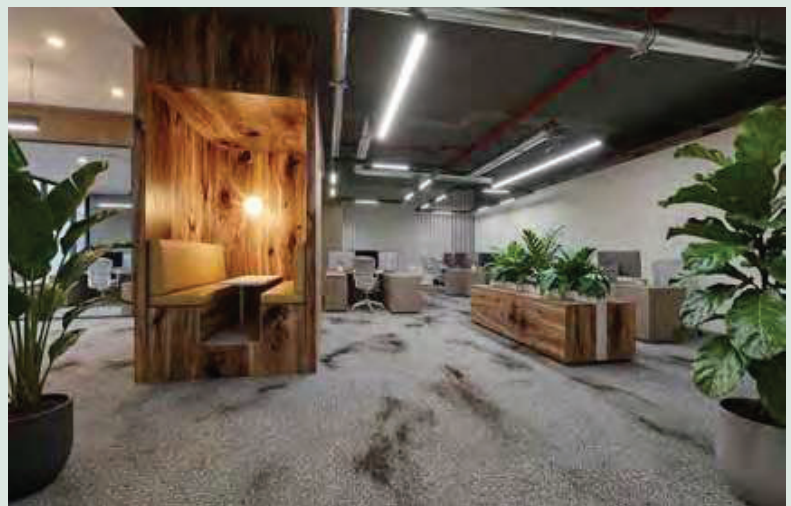
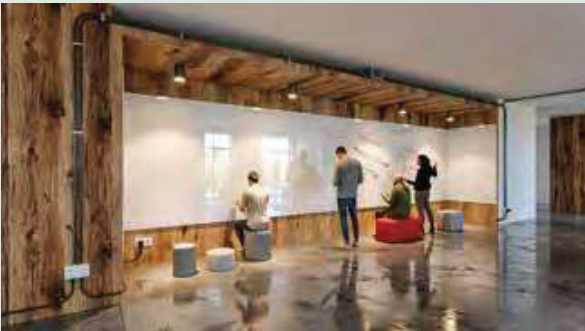
Meeting Room s

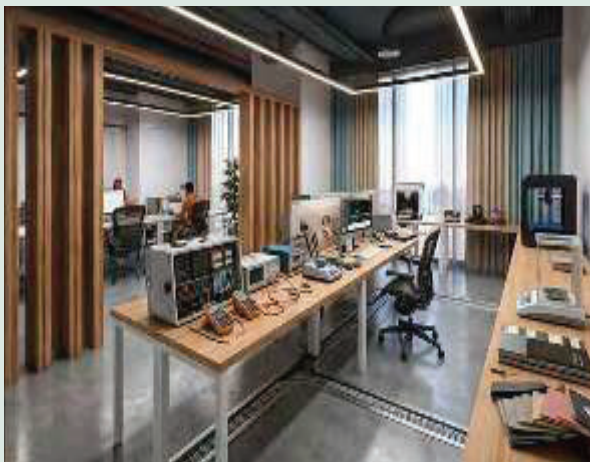


Brain Storm room

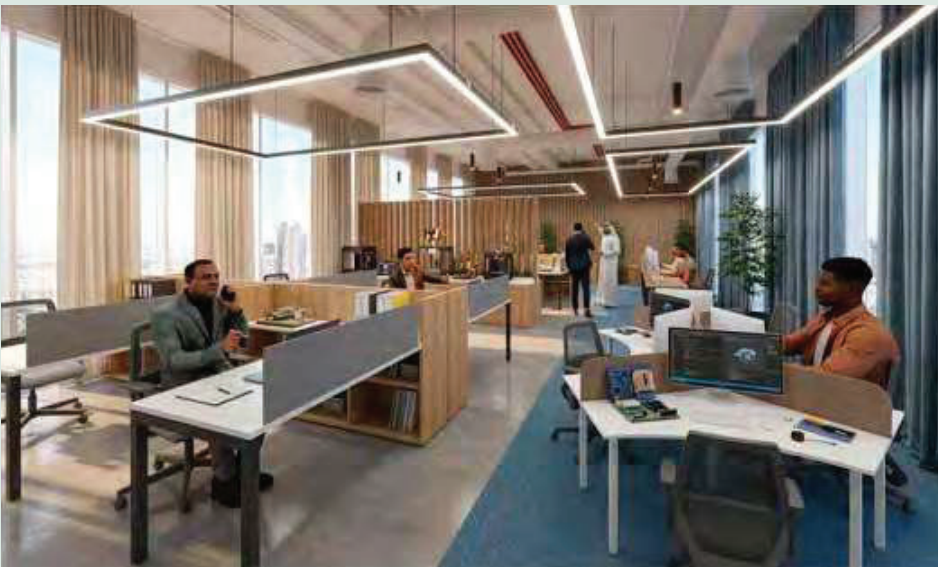


Corridor

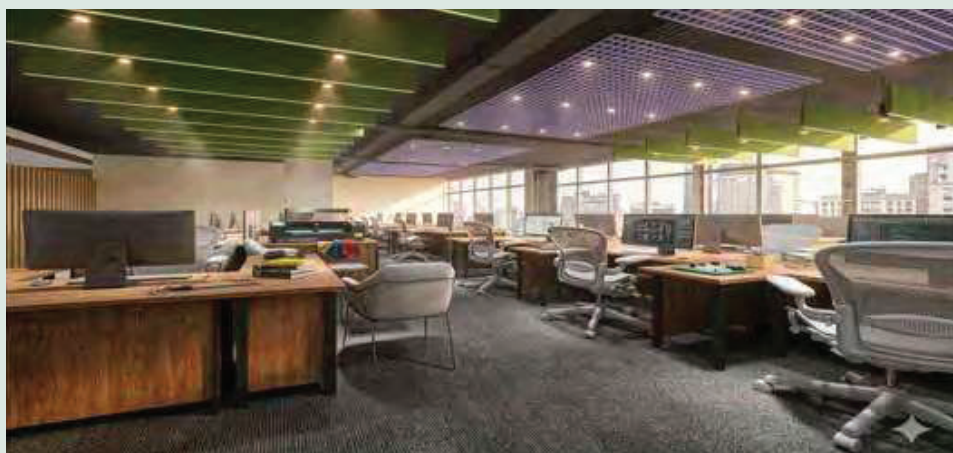




Workshops



Workshops



Theater





Restaurant



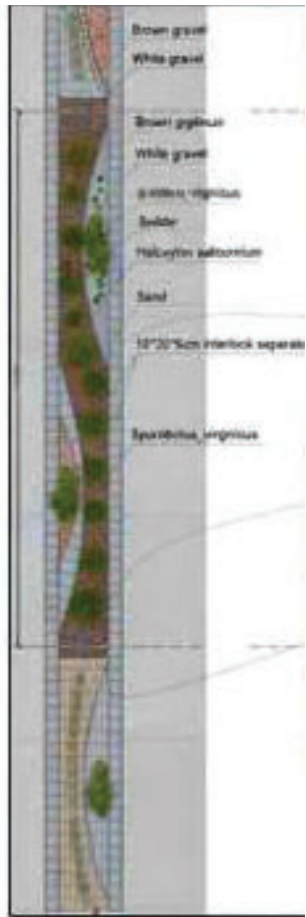
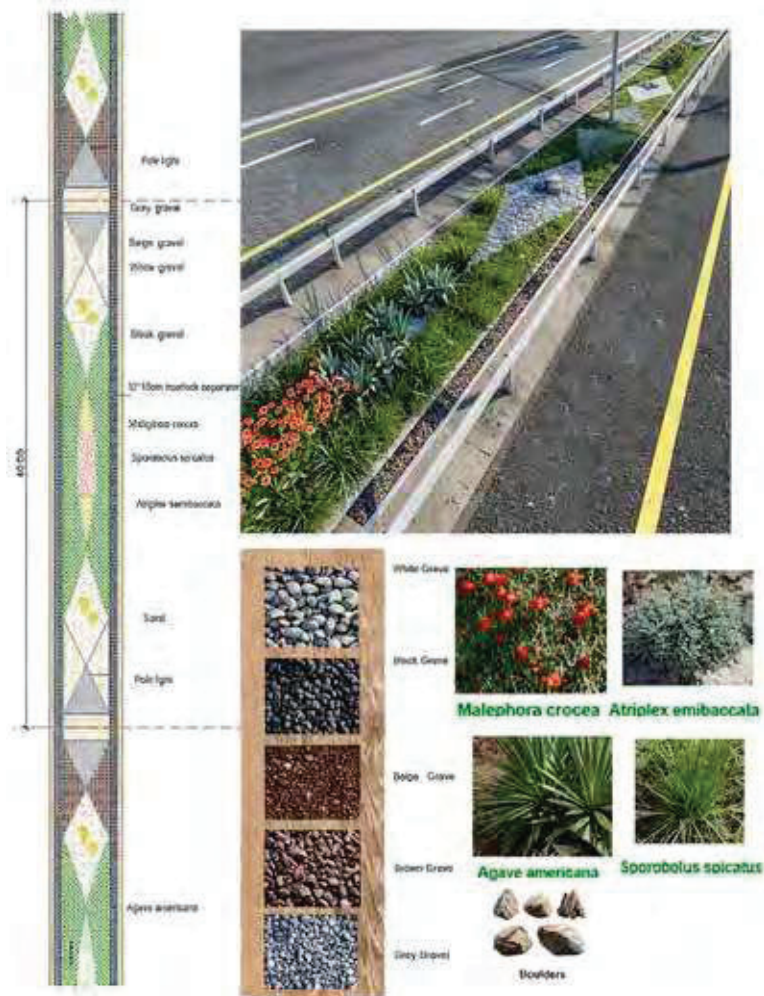
Landscape



Green Belt

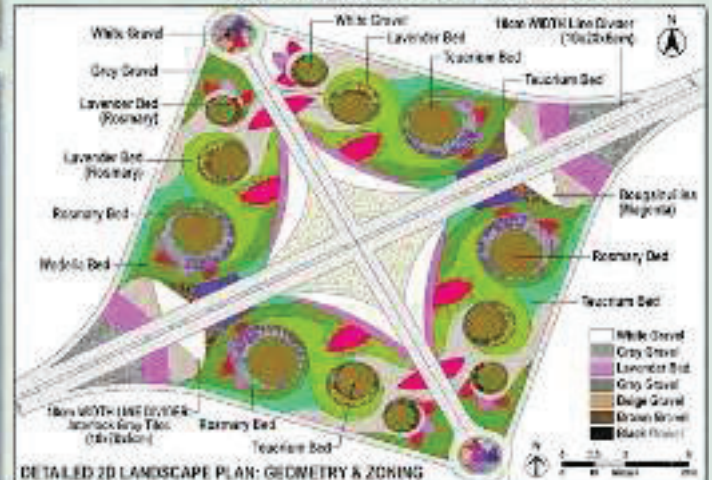


Median Proposals

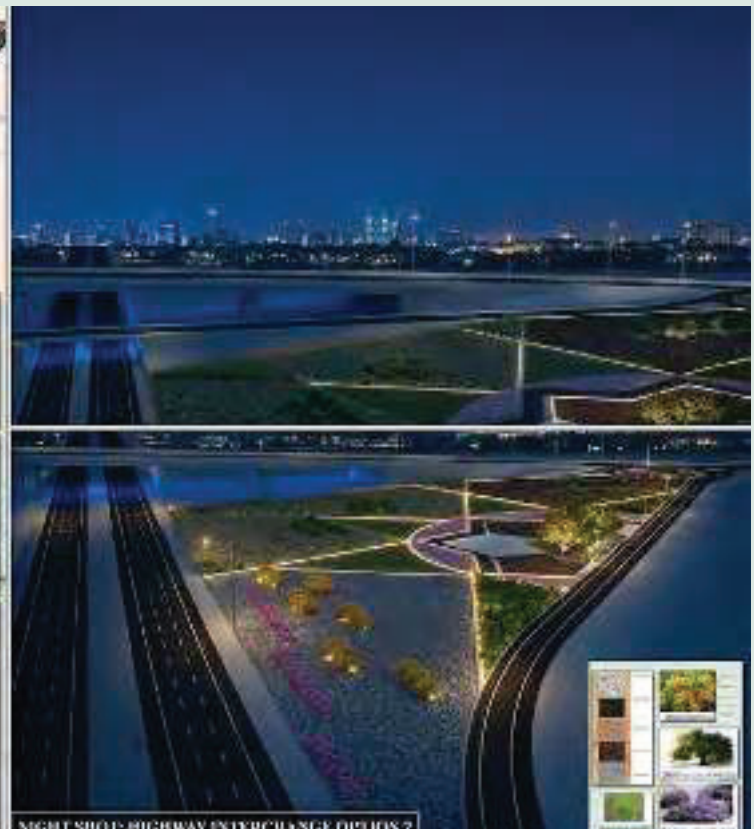


DUMBBLE & ROUNDABOUT PROPOSALS

Option-1



Option-2



Option-3



CLOVER LEAF PROPOSALS Option-1

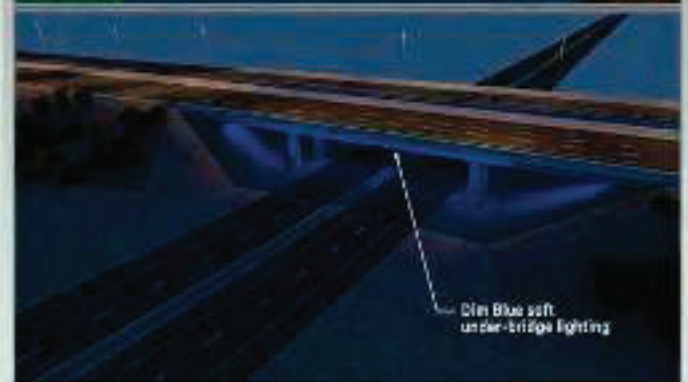


REST AREA





PLANT AND MATERIAL PALETTE - DAY

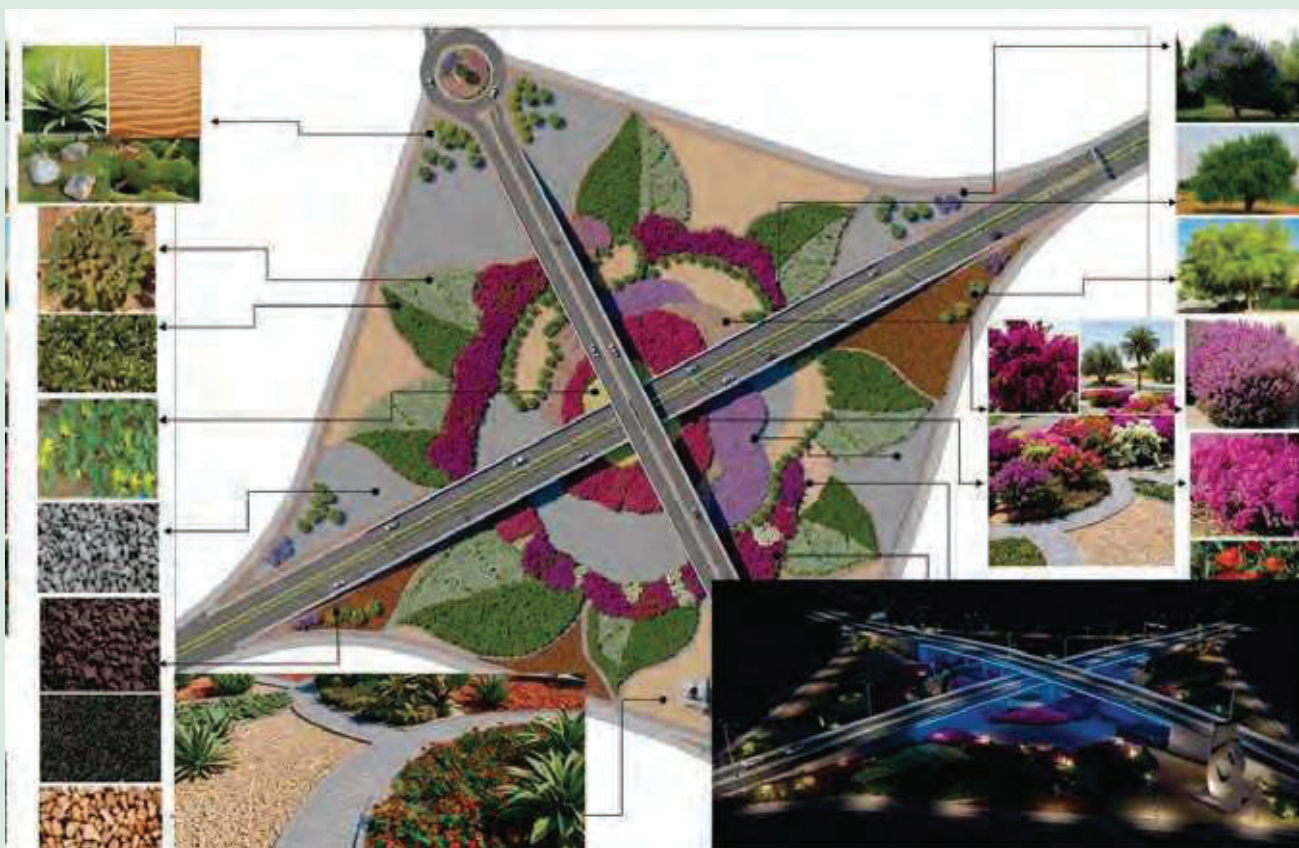


PLANT AND MATERIAL PALETTE - NIGHT



REST AREA PARKING

PROJECT: INTERCHANGE LANDSCAPE – COMPREHENSIVE VIEW & KEYSHOTS



Legend



Legend

Gravels & Sands



Plants



New Material Swatches

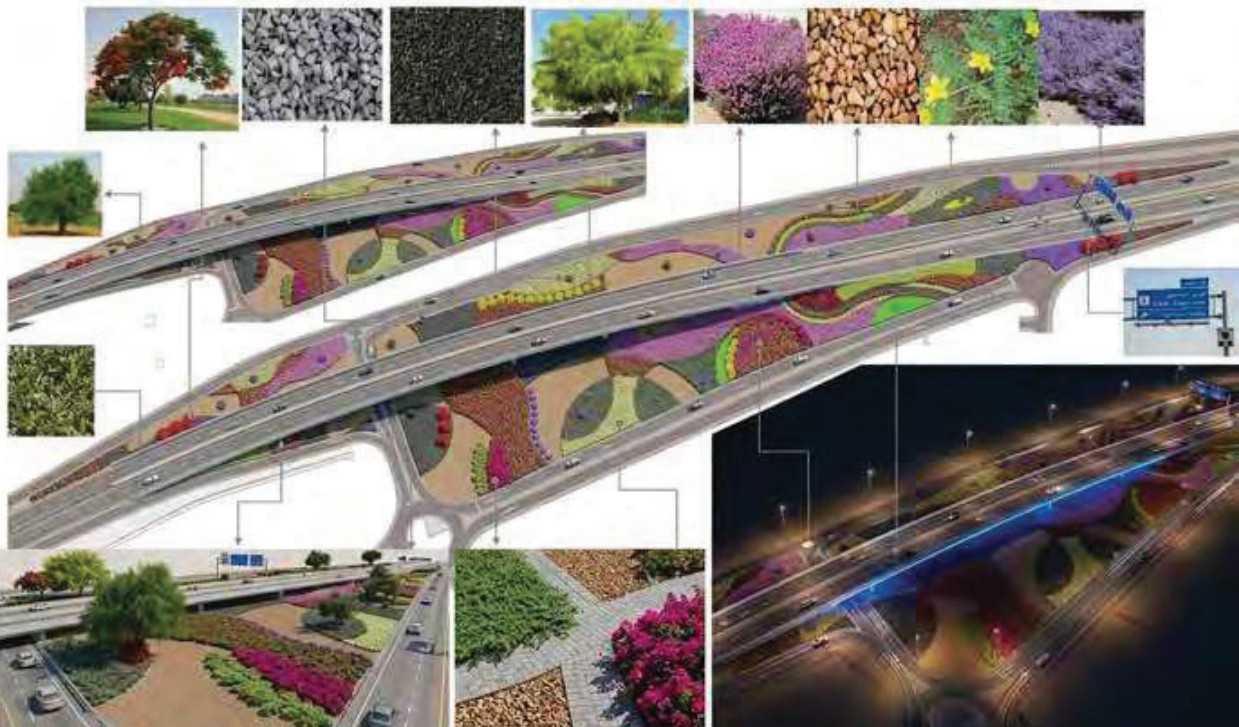
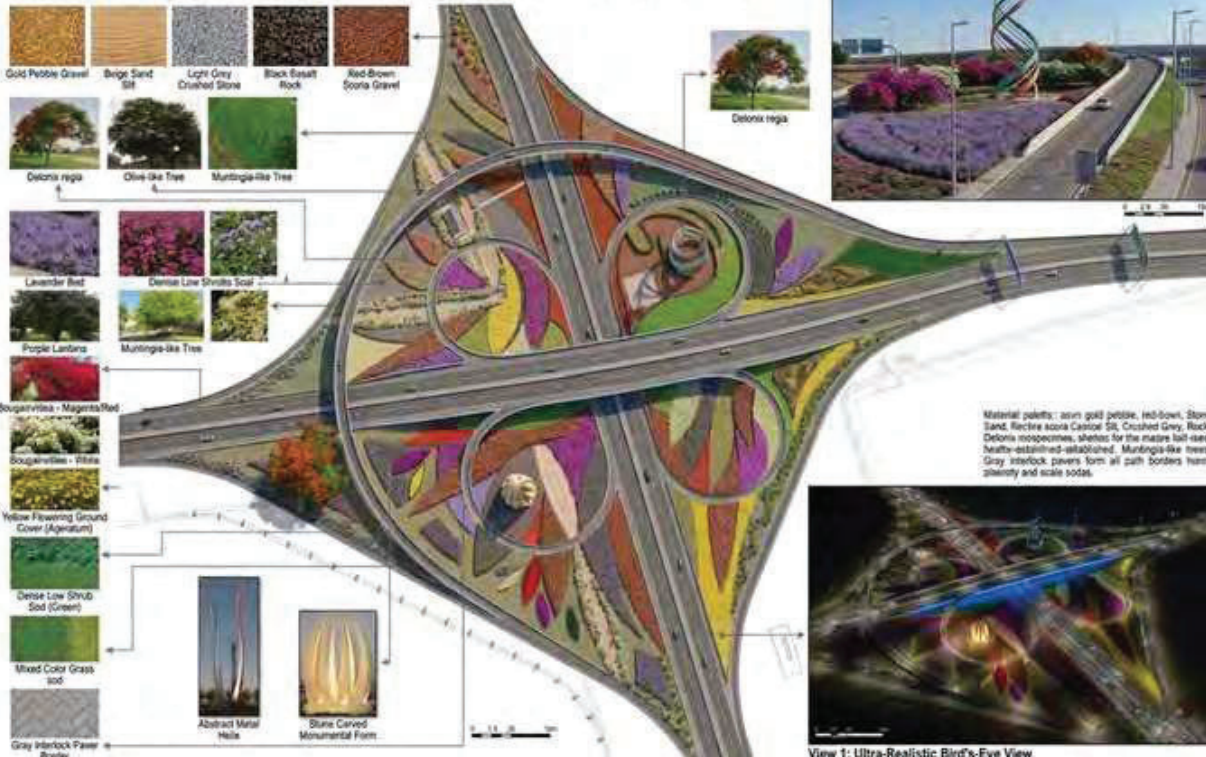


IC-3 Interchange

0 5 10 20 25m



INTERCHANGE IC-7 - ULTR-REALISTIC LANDSCAPE ARCHITECTURE



This aerial view of the proposed site plan for the 10000th Avenue Corridor shows a central road with a median. The median is landscaped with trees and boulders. On the left side of the road, there are landscaped areas with trees and boulders. On the right side, there is a large parking area with truck parking. The plan includes labels for various features: Lavender Soil, Asocia fymenspa, Pole Lights, Boulders, Pole Lights, Truck Parking, CCTV monitored, and Truck Parking.



Close-up Perspective from Counter-View (3D View from Opposite Angle)



Detailed Paving and Paving Shot (Daytime)



Professional Night Shot (Night-time Aerial and perspective details)

The Landscaping Idea is to mix the pattern of the deferent colored crashed gravels with the Sand and silhouette of Shapes

Interchange-1

AL AIN OASIS GATEWAY INTERCHANGE

ICONIC LANDSCAPE DESIGN – AL AIN, UAE

Inspired by the heritage and natural beauty of Al Ain, the interchange landscape integrates desert tones, flowing forms and cultural motifs to create a distinctive gateway experience. The design features camel silhouettes, leaf patterns and soft desert topography using natural materials and resilient planting.



HERITAGE
INSPIRED



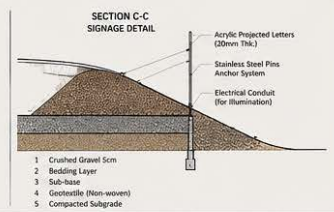
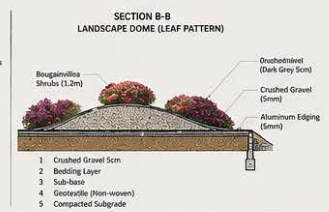
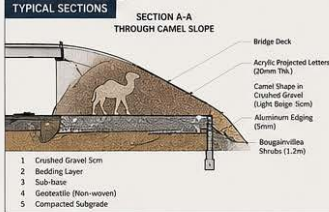
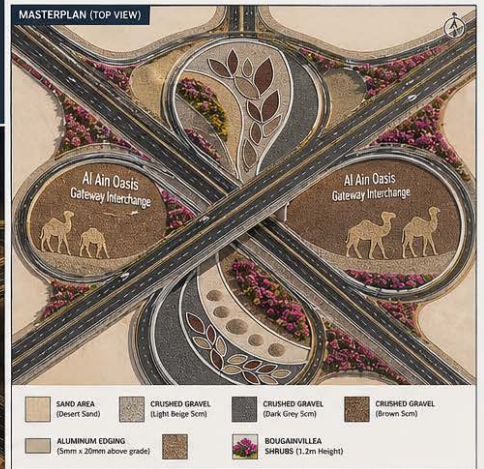
NATURAL
MATERIALS



SUSTAINABLE
PLANTING



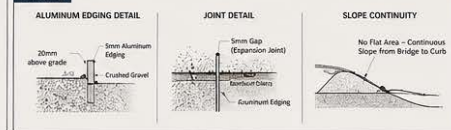
ICONIC
GATEWAY



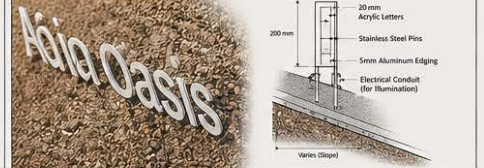
TYPICAL SECTIONS



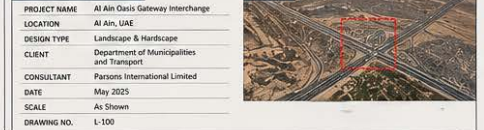
DETAILS



SIGNAGE DETAIL (SLOPE MOUNTED)



PROJECT INFORMATION



KEY PLAN



AL AIN OASIS GATEWAY INTERCHANGE

AL AIN, UNITED ARAB EMIRATES

DESIGN CONCEPT

The Al Ain Oasis Gateway Interchange integrates the regional heritage and heritage of Al Ain into a functional infrastructure landmark. Inspired by the desert, dunes, palm trees, and desert wildlife, the landscape design features flowing, organic patterns, camel silhouettes, and desert plants that celebrate the region's identity while enhancing the driver experience.



LIGHTING STRATEGY



MASTERPLAN (TOP VIEW)



LEGEND



MATERIAL PALETTE (Below CRUSHED GRAVELS)



PLANTING PALETTE



SIGNAGE DETAIL



TYPICAL CROSS SECTIONS



PROJECT INFORMATION



KEY PLAN



AL AIN HIGHWAY INTERCHANGE – IC4, UAE
HARDSCAPING PLAN – PROFESSIONAL DESIGN PROPOSAL

DESIGN CONCEPT
A refined hardscape inspired by the natural desert landscape of Al Ain. Flowing geometric patterns, stabilized sand, and sculpted slopes create a timeless gateway identity with minimal maintenance and exceptional durability.

- KEY DESIGN PRINCIPLES
- CONTINUOUS SLOPED HARDSCAPING
 - ZERO SOFTSCAPE
 - DESERT INTEGRATED FORMS
 - HIGH PERFORMANCE MATERIALS
 - NIGHT IDENTITY & SAFETY
 - LOW MAINTENANCE

PROJECT INFORMATION
PROJECT : AL AIN HIGHWAY INTERCHANGE – IC4 UAE
DRAWING TITLE : HARDSCAPING PLAN – DESIGN PROPOSAL
DATE : JUNE 2026
SCALE : AS SHOWN



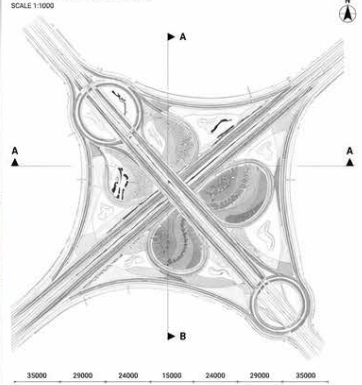
DAY SHOT – AERIAL VIEW



NIGHT SHOT – AERIAL VIEW



2D PLAN LAYOUT (CAD STYLE)



CLOSE-UP DETAILS



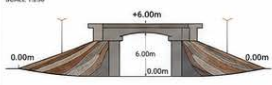
MATERIAL LEGEND (INTERLOCK PAVERS)



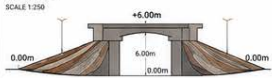
KEY NOTES

- All geometry as per IC-4 interchange layout.
- Flyover deck level : +6.00 m
- Road level : 0.00 m
- Vertical clearance : 6.00 m
- Continuous engineered embankment slopes.
- No flat platforms, no stepped grading.
- All areas finished with interlock tiles.
- Colors as per legend.
- All dimensions in millimeters.

SECTION A-A



SECTION B-B



PAVING SHAPES & SIZES (THICKNESS 80mm)



WAVE INTERLOCK PATTERN



STABILIZED SAND



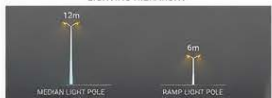
ALUMINUM STRIP BETWEEN PAVING & SAND



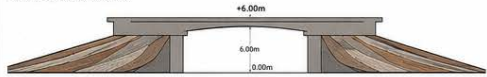
HILL CURB TYPE C (150mm HIGH)



LIGHTING HIERARCHY



FLYOVER ELEVATION DIAGRAM



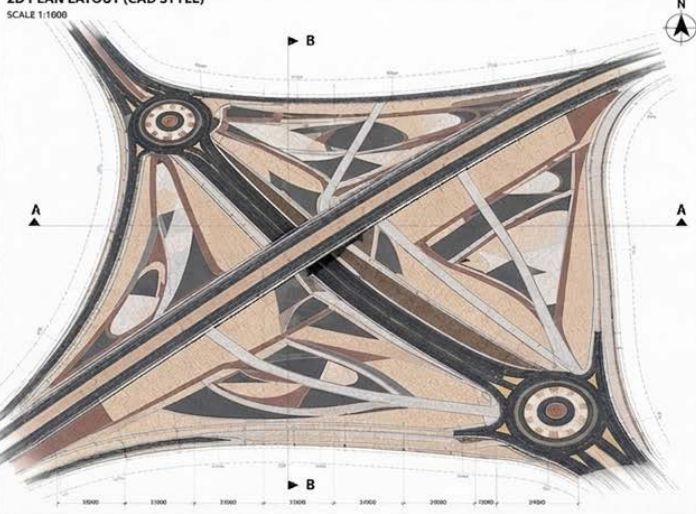
RAMP SLOPE MATERIAL DETAIL



PATTERN CONCEPT INSPIRATION



2D PLAN LAYOUT (CAD STYLE)



NIGHT AERIAL VIEW

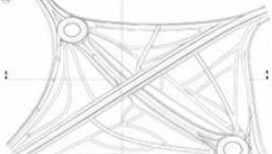


MATERIAL LEGEND (INTERLOCK TILES)



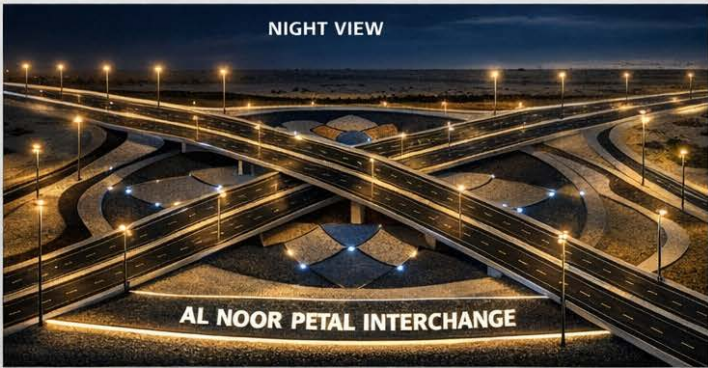
KEY NOTES

- All geometry as per IC-3 interchange layout.
- Flyover deck level : +6.00 m
- Road level : 0.00 m
- Vertical clearance : 6.00 m
- Continuous engineered embankment slopes.
- No flat platforms, no stepped grading.
- All areas finished with interlock tiles.
- Colors as per legend.
- All dimensions in millimeters.



AL NOOR PETAL INTERCHANGE

Signature Desert Gateway



MATERIALS LEGEND	
	STABILIZED BEIGE SAND
	DARK BROWN CRUSHED GRAVEL
	LIGHT GRAVEL
	5mm ALUMINUM STRIP EDGE
	ASPHALT PAVEMENT
SIGNAGE TRANSITION	
	Stabilized Sand
	Aluminum Strip
	Asphalt Pavement



AL AIN HIGHWAY INTERCHANGE – IC4, UAE HARDSCAPING PLAN – DESIGN PROPOSAL

DESIGN CONCEPT
A refined hardscape inspired by the natural desert landscape of Al Ain. Flowing geometric patterns, high-performance materials, and engineered slopes create a timeless gateway identity with minimal maintenance and exceptional durability.

- KEY DESIGN PRINCIPLES**
- CONTINUOUS SLOPED HARDSCAPING
 - ZERO SOFTSCAPE
 - DESERT INTEGRATED FORMS
 - HIGH PERFORMANCE MATERIALS
 - NIGHT IDENTITY & SAFETY
 - LOW MAINTENANCE

PROJECT INFORMATION
PROJECT : AL AIN HIGHWAY INTERCHANGE – IC4, UAE
DRAWING TITLE : HARDSCAPING PLAN – DESIGN PROPOSAL
DATE : JUNE 2026
SCALE : AS SHOWN



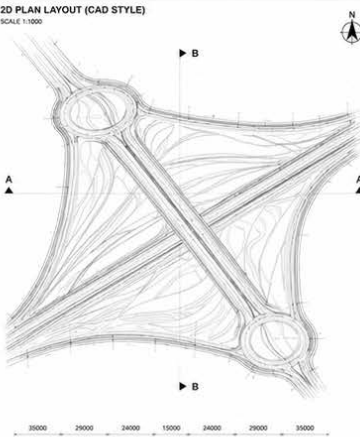
DAY SHOT – AERIAL VIEW



NIGHT SHOT – AERIAL VIEW



2D PLAN LAYOUT (CAD STYLE)



CLOSE-UP DETAILS



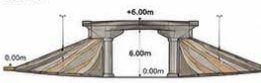
MATERIAL LEGEND (INTERLOCK PAVERS)

	DARK GREY (200x100mm)
	LIGHT GREY (200x100mm)
	BEIGE (200x100mm)
	BROWN (200x100mm)
	SAND YELLOW (200x100mm)
	WHITE (200x100mm)

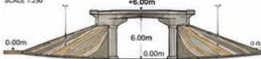
KEY NOTES

1. All geometry as per IC-4 interchange layout.
2. Flyover deck level : +8.00 m
3. Road level : 0.00 m
4. Vertical clearance : 6.00 m
5. Continuous engineered embankment slopes.
6. No flat platforms, no stepped grading.
7. All areas finished with interlock tiles.
8. Colors as per legend.
9. All dimensions in millimeters.

SECTION A-A



SECTION B-B



PAVING SHAPES & SIZES (THICKNESS 80mm)



WAVE INTERLOCK PATTERN



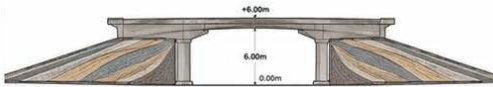
ALUMINUM STRIP BETWEEN PAVING & SAND



LIGHTING HIERARCHY



FLYOVER ELEVATION DIAGRAM



RAMP SLOPE MATERIAL DETAIL



PATTERN CONCEPT INSPIRATION



CI

CASTILE INTERCHANGE

DRAWING

NO. L-001-A

STATUS

DETAILED DESIGN

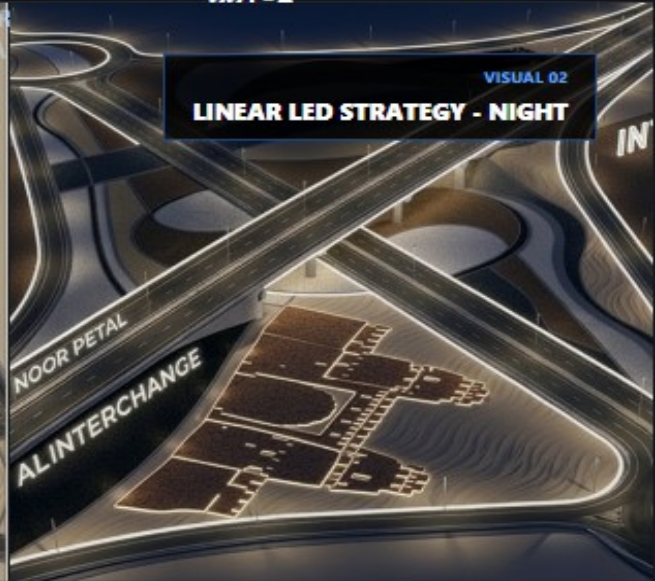
VISUAL 01

INTERCHANGE PERSPECTIVE - DAY



VISUAL 02

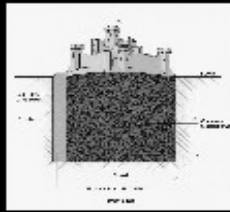
LINEAR LED STRATEGY - NIGHT



DETAIL 01
ALUMINUM DIVIDER
5mm Al Strip / 1cm



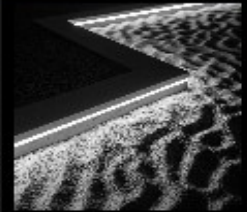
DETAIL 02
HILL CURB TYPE C
Paved Shoulder / Paved Road



DETAIL 03
CASTLE SECTION
50mm Reinforced Concrete / LED



DETAIL 04
ILLUMINATED BRANDING



DETAIL 05
HARDSCAPE LED
Concrete / Paved Shoulder / Paved Road

DAY SHOT - AERIAL VIEW

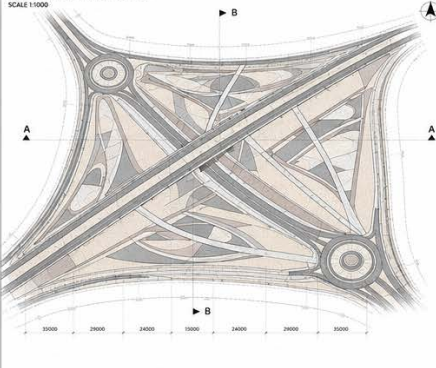


NIGHT SHOT - AERIAL VIEW



2D PLAN LAYOUT (CAD STYLE)

SCALE 1:1000



CLOSE-UP DETAILS



MATERIAL LEGEND (INTERLOCK PAVERS)

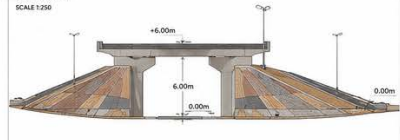
- BLACK (200x100mm)
- DARK GREY (200x100mm)
- LIGHT GREY (200x100mm)
- BEGE (200x100mm)
- BROWN (200x100mm)
- RED (200x100mm)

KEY NOTES

- All geometry as per IC-4 interchange layout.
- Pavement deck level: +6.00 m
- Road level: 0.00 m
- Vertical clearance: 6.00 m
- Continuous engineered embankment slopes.
- No flat platforms, no stepped grading.
- All areas finished with interlock tiles.
- Colors as per legend.
- All dimensions in millimeters.

SECTION A-A

SCALE 1:250



SECTION B-B

SCALE 1:250

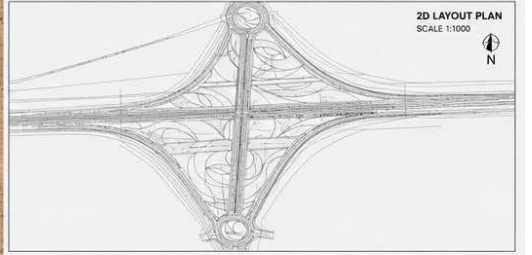


PROJECT:
AL AIN HIGHWAY INTERCHANGE - ICA, UAE

DRAWING TITLE:
HARDSCAPING PLAN - GENERAL LAYOUT

DATE:
JUNE 2026
SCALE: AS SHOWN





DETAIL 01 – RAMP SLOPE & PAVING PATTERN



DETAIL 02 – ROUNDABOUT CENTER PATTERN



DETAIL 03 – INTERLOCK PAVING CLOSE UP

MATERIAL PALETTE

INTERLOCK PAVING COLORS



PAVER SHAPE & SIZE



NOTES

- ALL PAVING SLOPES SMOOTHLY CONNECT FROM +6.00m (FLYOVER LEVEL) TO 0.00m (ROAD LEVEL)
- NO PLANTS / NO TREES / NO SHRUBS
- ALL AREAS FINISHED WITH INTERLOCK PAVING
- SURROUNDING DESERT AREA LEFT NATURAL

AL AIN HIGHWAY INTERCHANGE – IC-1

DESIGN DEVELOPMENT PRESENTATION

UAE

SCALE: AS SHOWN

TRADITIONAL INTERCHANGE BRIDGE

AL AIN, UAE

A LANDMARK GATEWAY THAT CELEBRATES HERITAGE, HARMONY AND HOSPITALITY

The design draws inspiration from Al Ain's rich heritage and the timeless relationship between the desert and its people. The integration of camel motifs, flowing sand patterns, natural materials and subtle lighting creates a distinctive gateway experience both day and night.



12m
POLE LIGHTS
MAIN ROAD &
BRIDGE MEDIAN

6m
POLE LIGHTS
CURVED GROUND
ROADS

SLOPED SIGNAGE
ACRYLIC LETTERS
BOTH SIDES

REDUCED SAND DOMES
WITH ALUMINUM
EDGE

PRECISE 5MM
ALUMINUM STRIP
EDGE DIVIDERS

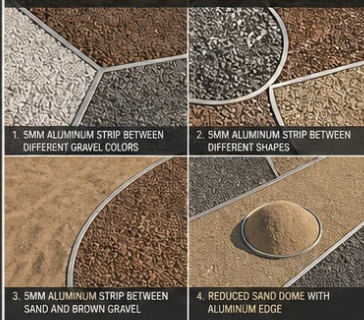
MASTERPLAN – TOP VIEW LAYOUT



MATERIAL LEGEND



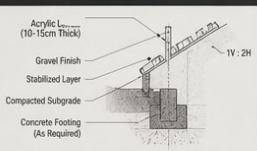
HARDSCAPE ENLARGED DETAILS



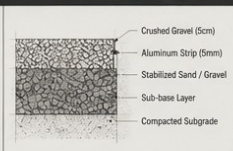
SLOPED SIGNAGE – BOTH SIDES OF BRIDGE



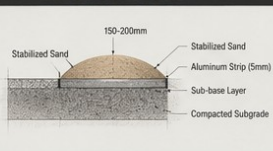
ENGINEERING DETAILS



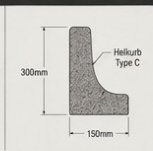
TYPICAL HARDSCAPE SECTION



SAND DOME SECTION DETAIL



HELKURB TYPE C DETAIL



LIGHTING LAYOUT DIAGRAM



CAMEL MOTIF DETAIL (NIGHT)



ICONIC GATEWAY IDENTITY



PREMIUM NATURAL MATERIALS



SUSTAINABLE & LOW MAINTENANCE



EXCEPTIONAL NIGHT APPEARANCE



ENGINEERED FOR PERFORMANCE

SIMPLICITY - ICONIC LANDSCAPE DESIGN

IC-6 OPTION-2 | INTERCHANGE LANDSCAPE & INTERLOCK TILES DESIGN

COLORFUL MOSAIC

SCULPTED DUNES

SUSTAINABLE XERISCAPE

ICONIC GATEWAY

DAY SHOT - AERIAL PERSPECTIVE • OPTION-2 (IC-6) • FULL INTERCHANGE VIEW

DAY SHOT

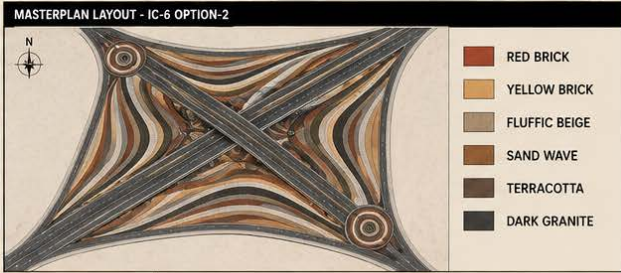


NIGHT SHOT • HIDDEN LED STRIP LIGHTING • SIMPLICITY ILLUMINATED

NIGHT SHOT



MASTERPLAN LAYOUT - IC-6 OPTION-2



INTERLOCK MATERIAL LEGEND



CLOSE DETAIL SHOT 01 - SIGNAGE & PATTERN



CLOSE DETAIL SHOT 02 - INTERLOCK PATTERN



CLOSE DETAIL SHOT 03 - CURB & LED LIGHTING

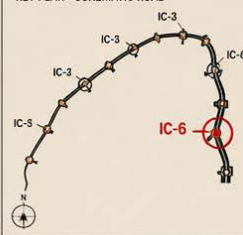


PROJECT INFO & KEY PLAN

CLIENT	DMT
CONSULTANT	IDROESSE
PROJECT	NORTHERN RING ROAD EXTENSION & AL AIN - BURJA ROAD
INTERCHANGE	IC-6
OPTION	OPTION-2
DRAWING NO.	L-101
DATE	JUNE 2026

DMT idroesse

KEY PLAN - SCHEMATIC ROAD



HIDDEN LED STRIP LIGHTING • 6 COLOR INTERLOCK TILES • MODERN UAE DESIGN • SUSTAINABLE XERISCAPE • ICONIC GATEWAY

PROJECT AREA • AL AIN, UAE • SCALE: NTS

THE QUIET - ICONIC LANDSCAPE DESIGN

Where Architecture Meets Nature - Inspired by Culture, Crafted for Legacy



COLORFUL MOSAIC



SCULPTED DUNES



SUSTAINABLE XERISCAPE



ICONIC GATEWAY

DAY SHOT



NIGHT SHOT



2D LAYOUT



1. MATERIAL LEGEND (Thickness 5mm/10mm)



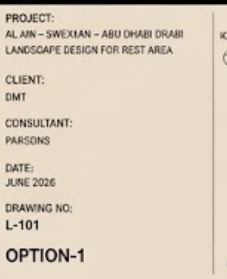
2. CLOSE-UP DETAILS (HIGH-FIDELITY)



3. LIGHTING + CLOSE DETAILS



4. PROJECT INFORMATION + KEY PLAN



NORTHERN RING ROAD EXTENSION & AL AIN – SIDIRA ROAD PROJECT
IC-7 (PARADIS) INTERCHANGE

2D PLAN VIEW



3D BIRD'S EYE VIEW (DAY)



3D BIRD'S EYE VIEW (NIGHT)



CLOSE-UP DETAILED SHOTS (INTERLOCK & PLANTING)



CLOSE-UP: ILLUMINATED GATEWAY SIGNAGE (ACRYLIC WITH BACKLIT LED)



CLOSE-UP: VOIDS UNDER THE BRIDGE (WARM LIGHTING)



PLANTING PALETTE (ULTRA REALISTIC)



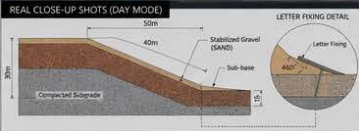
HARDSCAPE MATERIALS



INTERLOCK PATTERN DETAIL (PARADIS THEME)



REAL CLOSE-UP SHOTS (DAY MODE)



LETTER FIXING DETAIL



PROJECT INFO

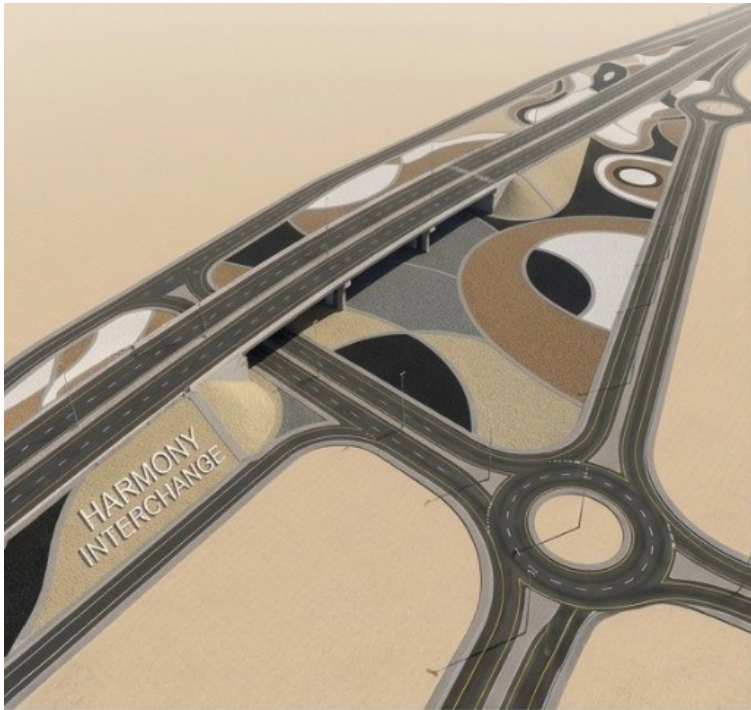
PROJECT: NORTHERN RING ROAD EXTENSION & AL AIN – SIDIRA ROAD
INTERCHANGE: IC-7 (PARADIS) INTERCHANGE
LOCATION: AL AIN, UAE
STATUS: PROPOSED DESIGN
DATE: MAY 2026

DESIGN FEATURES

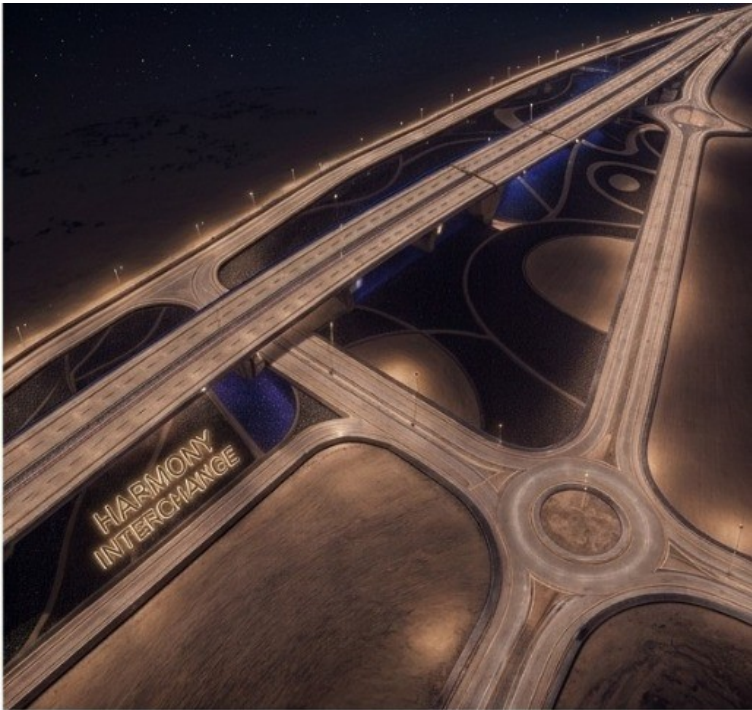


GENERAL NOTES

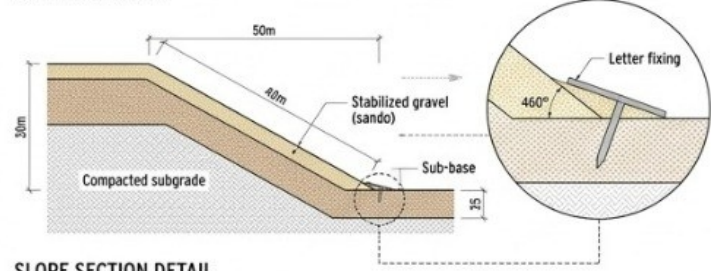
- ALL INTERLOCK PAVERS SHALL BE HEAVY DUTY, SUITABLE FOR ROAD APPLICATIONS.
- PATTERNS & COLORS INSPIRED BY "PARADIS" THEME TO REFLECT LOCAL IDENTITY.
- ROUNDABOUT CENTER DESIGN SHALL BE FINALIZED IN DETAILED DESIGN STAGE.
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.



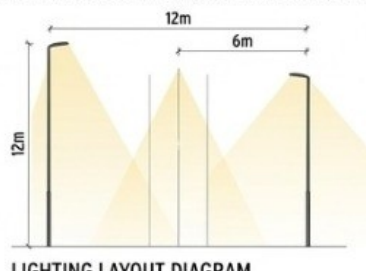
AL AIN OASIS GATEWAY INTERCHANGE: HARMONY PATTERNED HARDSCAPE - DAY PERSPECTIVE



AL AIN OASIS GATEWAY INTERCHANGE: HARMONY PATTERNED HARDSCAPE - NIGHT PERSPECTIVE WITH HIERARCHICAL LIGHTING & INTEGRATED SIGNAGE



SLOPE SECTION DETAIL



LIGHTING LAYOUT DIAGRAM



SIGNAGE CLOSE-UP



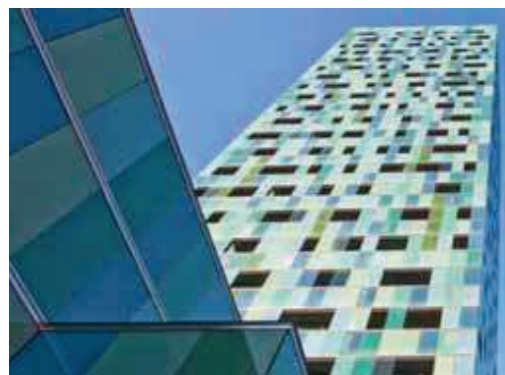
idroesse

DESIGN | CONSULTANCY
ENGINEERING

ITALIAN PROJECTS

INNOVATIVE URBAN SOLUTIONS

Casa nel Parco – Jesolo (VE) - Italy



Project Description

Realization of a new beachfront touristic complex in Jesolo (VE)

LOCATION: Jesolo, Venice Italy

SCOPE OF WORKS: structural design and supervision of structural works

CHRONOLOGY: 2006 - 2012

CLIENT: private

«Ex Casa per Ferie» touristic complex - Italy



Project Description

Realization of a new beachfront touristic complex in Jesolo (VE)

LOCATION: Jesolo, Venice Italy

SCOPE OF WORKS: complete design: preliminary, final and detailed, supervision of works, health and safety during design and construction phases

CHRONOLOGY: 2008 – on going

CLIENT: private

Il Quartiere Latino and Treviso University - Italy



Project Description

Upgrading and extension of the complex called «Ex Ospedale Santa Maria dei Battuti» in Treviso, the new complex has residential and commercial uses. Restoration and upgrading of other historical building and realization of the new Treviso University.

LOCATION: Treviso Italy

SCOPE OF WORKS: support to the architectural and structural design, supervision of structural works, health and safety during construction phase.

CHRONOLOGY: 1999 - 2006

CLIENT: Carron Spa Civibus S.p.A. - Fondazione Cassamarca (Treviso)



New High School Institute in Montebelluna - Italy



Project Description

Realization of a new High School Institute in Montebelluna that includes: 59 classrooms, 10 laboratories, 1 auditorium, library and bars. The institute is built near an existing school in order to create a scholastic complex.

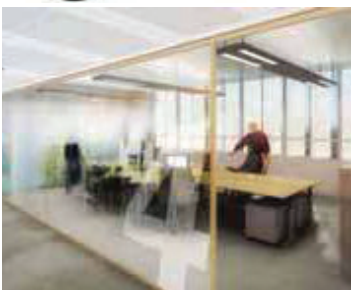
LOCATION: Montebelluna, Treviso Italy

SCOPE OF WORKS: detailed design

CHRONOLOGY: 2011 - 2013

CLIENT: Provincia di treviso

European Food Authority – Offices and residential buildings - Italy



Project Description

Realization of the new complex for the «European Food Authority» in Parma, Italy. The complex includes an office tower and residential buildings for the workers, parking and an outdoor area with sports facilities, pedestrian walkways and external roads.

LOCATION: Parma, Italy

SCOPE OF WORKS: complete structural design: preliminary, final and detailed. Supervision of structural works CHRONOLOGY: 2006 – on going

CLIENT: Authority - Società di Trasformazione Urbana S.p.A.

The Italian village - Yas Island - UAE



Project Description

Realization of a new residential, commercial and touristic complex in Yas Island.

LOCATION: Yas Island, Abu Dhabi

SCOPE OF WORKS: masterplan

CHRONOLOGY : 2010 – on going

CLIENT: Aldar

Sports Area – Conegliano (TV) first prize as “Best sports facility in Italy 2007- 2008” - Italy



Project Description

Realization of a new sports area including: an indoor sports arena for 5.000 people, a baseball stadium, a rugby stadiums and all related infrastructures: roads, parking, lighting systems, etc. The project won the first prize as “Best sports facility in Italy 2007- 2008”

LOCATION: Conegliano (TV), Italy

SCOPE OF WORKS: urban planning, environmental studies, complete design: preliminary, final and detailed, health and safety during design and construction phases, supervision of works.

CHRONOLOGY: 2007 - 2008

CLIENT: Co.Ge.Mar.

New Treviso Velodrome - Italy



Project Description

Design and construction of the new Treviso Velopark with Project Finance procedure. The new cover cycle track will be constructed in Spresiano (TV) in a Mosole property and will complete the existing Lago Le Badiole sportive center. The Velopark for international competitions, of first category, will have a cover surface of 90.0000 sqm and 5.000 cover seats (max 6.000 seats). There will parking for maximum 6.000 visitors and will be built near important roads and the new Pedemontana toll.

LOCATION: Treviso Italy

SCOPE OF WORKS: preliminary design and project finance proposal. to be done final and detailed design, supervision of works, coordination of health during design and construction phase.

CHRONOLOGY: 2013 – on going

CLIENT: Consiglio Federale FCI

Ice Stadium – Cortina d’Ampezzo - Italy



Project Description

Design and supervision of works for the upgrading and restoration of the existing Olympic outdoor ice stadium

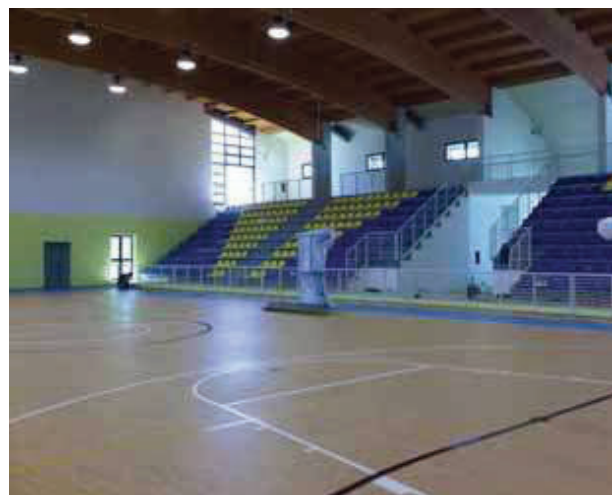
LOCATION: Cortina d'Ampezzo (BL)

SCOPE OF WORKS: Design and supervision of works

CHRONOLOGY: 1992 - 2010

CLIENT: Municipality of Cortina d'Ampezzo

Indoor sport arena - Italy



Project Description

Design, health and safety coordination during design phase of an indoor sports arena of approximately 8.000 sqm.

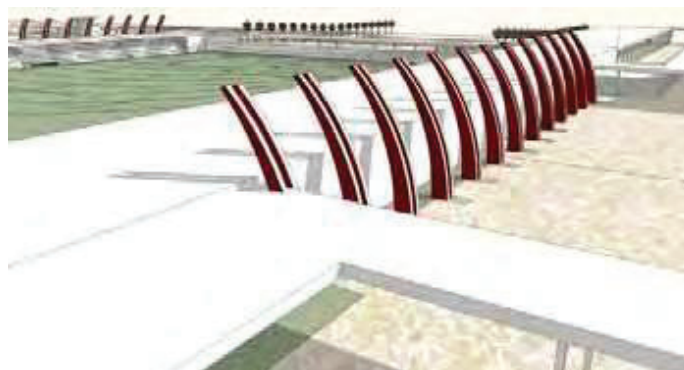
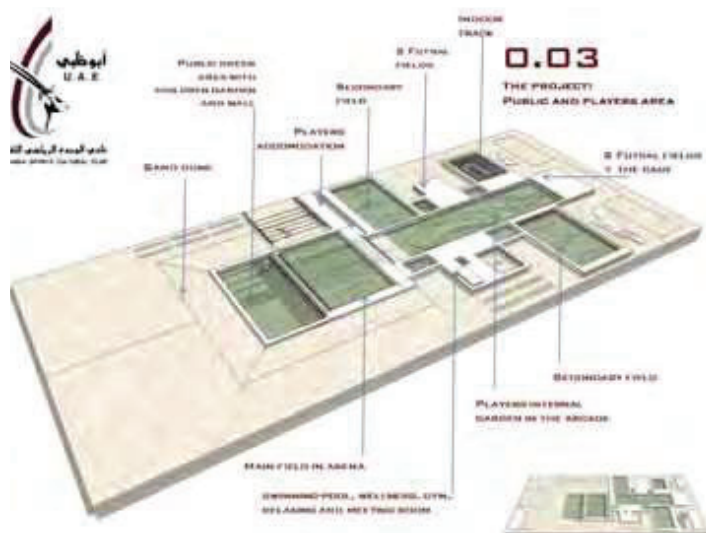
LOCATION: Ittiri, Sardinia

SCOPE OF WORKS: Design, health and safety coordination during design phase

CHRONOLOGY: 2006

CLIENT: Municipality of Ittiri

Al Wahda Headquarter and Training Center - UAE



Project Description

Proposal for the realization of the new headquarter and training center of Al Wahda sport cultural club.

LOCATION: Abu Dhabi (UAE)

SCOPE OF WORKS: masterplan

CHRONOLOGY: 2014

CLIENT: Al Wahda Sport Cultural Club

« Al Centro» Shopping Mall - Italy



Project Description

LOCATION: Marenò di Piave, Treviso Italy

SCOPE OF WORKS: complete design, supervision of works, health and safety during design and construction phases

CHRONOLOGY: phase 1: 1992 -2001, phase 2: 2008- on going

CLIENT: Magazzini Zanchetta s.n.c.

Grand Hotel Miramonti Majestic - Italy



Project Description

Restoration and extension of the historical Grand Hotel Miramonti Majestic 5* di Cortina d'Ampezzo (BL).

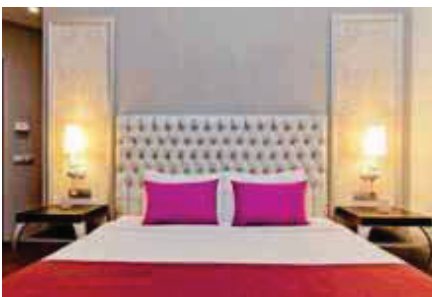
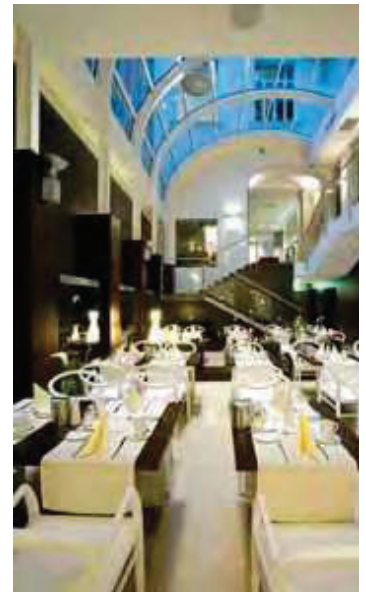
LOCATION: Cortina d'Ampezzo, (BL) Italy

SCOPE OF WORKS: complete design: preliminary, final and details, supervision of works, health and safety during design and construction phases

CHRONOLOGY: 2010 – on going

CLIENT: Private

Hotel Parliament - Hungary



Project Description

Restoration of an historical building in the center of Budapest for the realization of a 4 stars Best Western hotel.

LOCATION: Budapest, Hungary

SCOPE OF WORKS: complete design .

CHRONOLOGY: 2002 - 2006

CLIENT: Kálmánház Kft, Budapest

Grand Hotel Savoia - Italy



Project Description

Restoring and extension of the 5 stars Grand Hotel Savoia in Cortina d'Ampezzo. The hotel includes: 133 rooms, 45 touristic apartments, library, auditorium for 400 people, beauty center and other facilities

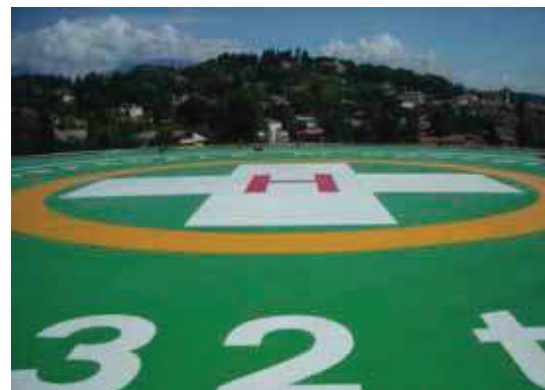
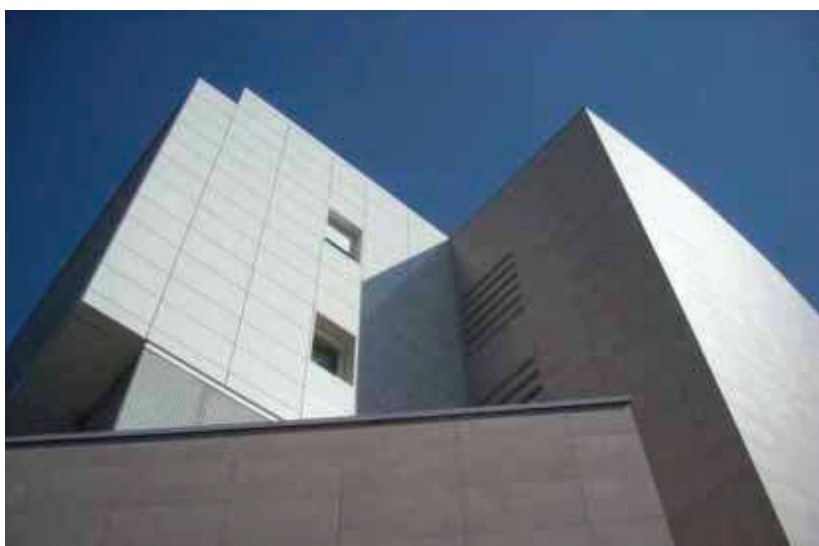
LOCATION: Cortina d'Ampezzo (Belluno) Italy

SCOPE OF WORKS: P&CM, complete design, supervision of works, health and safety during design and construction works, cost accounting.

CHRONOLOGY: 2004 - 2010

CLIENT: CO.NI.COS. S.p.A, Mondovì (Cuneo)

New Conegliano Hospital - Italy



Project Description

LOCATION: Conegliano (TV)

SCOPE OF WORKS: complete architectural design, supervision of works, health and safety during design and construction phases

CHRONOLOGY: 2001 - 2011

CLIENT: U.L.S.S. n. 7 Pieve di Soligo

Moscow Medical Center - Russia



Project Description

Realization of a private clinic in Moscow

LOCATION: Moscow, Russia

SCOPE OF WORKS: detailed design of architectural works and MEP

CHRONOLOGY: 2004 - 2005

CLIENT: CODEST INTERNATIONAL s.r.l., Pozzuolo del Friuli (Udine)

Mirano Hospital - Italy



Project Description

Extension, external works and upgrading of the Mirano Hospital, operational unit: neurology, medicine and dermatology.

Bed seats: n. 98 and total surface: 13.320 sqm

LOCATION: Mirano (VE), Italy

SCOPE OF WORKS: supervision of works, health and safety during construction phase, cost accounting

CHRONOLOGY: 2003 - 2007

CLIENT: Operleasing S.p.A.

Rosa Zalivani Institute - Nursing Home for Elders - Italy



Project Description

LOCATION: Treviso, Italy

SCOPE OF WORKS: final and detailed design of structures and MEPs, safety coordination during design and construction phases, cost estimation, cost accounting, supervision of works

CHRONOLOGY: 2007 - 2013

CLIENT: Istituto di Servizi di Ricovero per Anziani Treviso



Cluj Napoca Airport - Romania



Project Description

Feasibility study for the new intermodal node of Cluj-Napoca Airport (Romania), cofinanced by the TENT (Trans-European Transport Network).

Programme LOCATION: Cluj- Napoca Romania

SCOPE OF WORKS: feasibility study

CHRONOLOGY: 2013 – on going

CLIENT: Avram Iancu Cluj International Airport

Canova Airport, Treviso - Italy



Project Description

Extension of commercial area in Canova Airport, Treviso.

LOCATION: Treviso, Italy

SCOPE OF WORKS: preliminary design

CHRONOLOGY: 2011- 2012

CLIENT: SAVE Engineering spa

Energetic Masterplan of Marco Polo Airport Intermodal Node



Co-financed by the European Union
Trans-European Transport Network (TEN-T)



Project Description

LOCATION: Tessera (VE)

SCOPE OF WORKS: engineering consultancy services for the
Energetic Masterplan of Marco Polo Airport Intermodal Node

CHRONOLOGY: 2011 – 2012

CLIENT: SAVE Engineering s.p.a.



Environmental Studies for Venice Airport Intermodal Node



Project Description

LOCATION: Tessera (VE)

SCOPE OF WORKS: engineering consultancy services for the
Environmental Feasibility Study of the intermodal node of
Venice Airport and for the Environmental Impact Study of the
Airport Development Plan

CHRONOLOGY: 2010 - 2011

CLIENT: SAVE Engineering s.p.a.



Military complex- Mantova - Italy



Project Description

LOCATION: Mantova, Italy

SCOPE OF WORKS: member of the consortium for the design and build of new facilities and buildings inside Mantova military complex: new external parking area, maintenance warehouse for military trucks, and storages.

CHRONOLOGY: 2014

CLIENT: Italian Ministry of Defense

idroesse infrastructure



www.idroesse.com

idroesse

infrastructure

idroesse infrastructure – Middle East

Khalidiyah, Al Muhairy Center, Offices Tower,
3rd floor

PO Box 52645 Abu Dhabi - United Arab Emirates

Tel: +971 2 4475566, Fax: +971 2 4477641

E: info@idroesse.com

www.idroesse.com