

COMPANY PROFILE

OPPORTUNITIES THROUGH EXCELLENCE

2026



WWW.SUPERARC.NET

ABOUT US

Founded in 2018, Super Arc Consultant (SAC) is a multi-disciplinary design and engineering consultancy firm providing services for all types of Structural and Infrastructural projects. With a highly professional managing team having over 20 years of experience in consulting, we can deliver innovative and smart structural, Infrastructural & Geotechnical solutions for complex challenges



DESIGN SOLUTIONS

Focusing on architectural, structural, geotechnical, infrastructure engineering and construction works supervisions. Super Arc Consultant carries out work on all types of structures, operating in the Design & construction field to provide expert, independent and impartial services concerning problems with existing buildings and structures as well as new structures.

We deliver design/design-build, program/construction management, and other professional services packaged in innovative alternative delivery methods to regional and local government agencies as well as to private industrial customers worldwide.

OUR MISSION

Our mission is to contribute to the success of our clients by providing an unmatched combination of our people's technical excellence, practical experience, and responsiveness.

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SAC

QUALITY POLICY STATEMENT



SAC's Abu Dhabi will operate and grow as center of excellence for providing professional Design and Project Management Consultancy Services for architectural and engineering projects through a proactive strategy that takes into account both the characteristics of the market and the requirements of Clients. In order to drive this, all SAC staff should understand that Client care is a shared responsibility and a day-to-day activity. All members of staff are encouraged to view each project as an opportunity to exceed Client expectations through the provision of the highest quality services.

Advancing our business through strong Client relationships

Quality Management Systems implemented by SAC's Abu Dhabi office is intended to ensure that the Quality Policy and objectives of SAC are achieved whilst ensuring compliance with local regulatory and statutory requirements. This includes meeting and exceeding the requirements of ISO 9001 at the earliest opportunity. Our Quality Management Systems will be regularly reviewed and continually improved in order to ensure that our performance is as cost-effective and efficient as possible

Mohammad Alhusein, PhD
CEO

INTRODUCTION

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Geotechnical engineering



Hydrological Engineering



Structural Engineering



Building Assessment



Infrastructure



Project Management



Feasibility Studies



Architectural



Site Supervision





We provide design, design-build, program management, and construction management services through innovative delivery methods to government agencies and private industrial clients globally. Utilizing advanced tools like Building Information Modeling (BIM), we enhance coordination, visualization, and project efficiency, reducing errors and ensuring high-quality, cost-effective results.

The company provides services to government departments and national agencies, local authorities, partnerships, and a wide range of private sector clients.

Much emphasis is given to encouraging the SAC culture of 'one company - one Team': a key ingredient in operating the matrix structure which is essential to developing the full potential of the Company. The entire operating structure of SAC is geared towards the provision of services on a multi-disciplinary basis. There is an inherent understanding of other disciplines by all staff, in order to combine rationalism and practicality with an innovative approach, to provide design solutions that are both appropriate and economically justifiable, and to deliver buildability and long-term ease of maintenance.

Our services encompass the whole project life-cycle - from feasibility studies, planning, conceptual design, and detailed design to safety, reliability, and risk assessments, project and contract management, life-cycle costing, design implementation, and whole life asset management support.

SAC aims to continue delivering appropriate, cost-effective solutions to meet Clients' needs, whatever their business and wherever they are located.

+500
**COMPLETED
PROJECTS**

+60
**UNDER
PROCESS**

+200
**BUILDING
ASSESSMENT**

SAC



SERVICES

SAC plans all aspects of our Clients' projects, conducting feasibility studies and impact analyses covering technical, logistical, legal, environmental, and financial considerations.

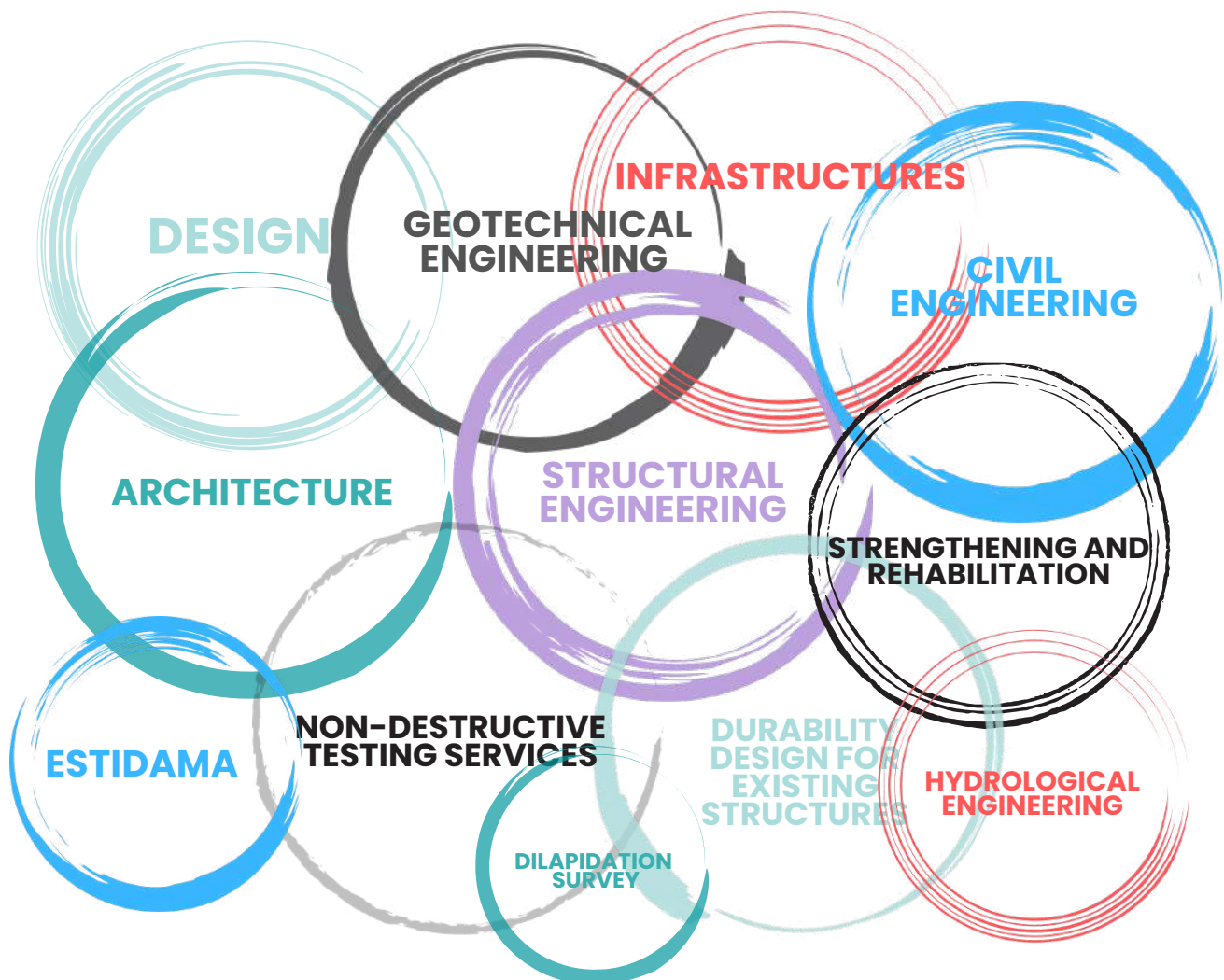
We design systems, processes, buildings, and civil structures. We develop cutting-edge solutions and combine them with tried and tested technologies to achieve an optimal result.



And we enable our Clients' complex programs, delivering one-off projects and managing processes to reduce timescales, cost, and disruption.

COMPANY STRUCTURE

The Company is organized into separate main operating units which independently serve the business sectors of Architectural, Structural, Infrastructural, Geotechnical, Design & Engineering Solutions, and Management & Project Services. In simple terms our services can be summarized as the following graph





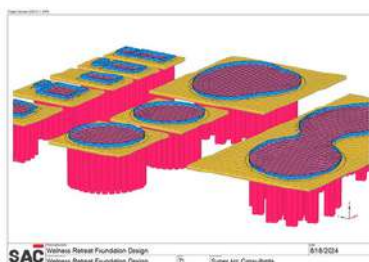
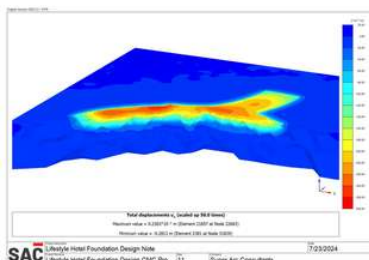
DESIGN

We are a true multidisciplinary consultancy committed to design excellence for the built environment

GEOTECHNICAL ENGINEERING

SAC has long been a leader in engineering below ground. We can handle the complexities of preparing the earth for any type of structure to ensure quick, safe, economical, and low-risk construction. We provide complete geotechnical design for all kinds of projects. Our specialties include:

- Foundations
- Retaining Structures
- Slope Stability Analysis And Design
- Seismic Engineering
- Risk Analysis And Value Management
- Tunnels And Underground Engineering
- Geotechnical Assistance For Contractors
- Investigation Of Failures, And Remedial Works
- Geographic Information Systems
- Applied Geology
- Groundwater And Hydrogeology
- Environmental Management
- Site Investigation
- Ground Treatment And Soft Ground Engineering
- Dam And Reservoir Engineering
- Waste Management And Landfills





INFRASTRUCTURE ENGINEERING

We lead in the implementation of civil engineering projects including roads, railways, utility services, tunnels, harbors, and airports, as well as energy plants and industrial facilities.

Our services cover all stages of the project cycle from master planning feasibility study through detail design, construction, and implementation.

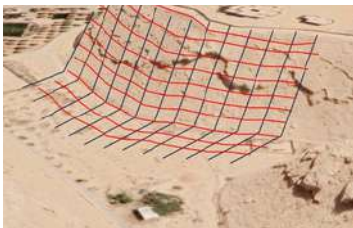
Services Provided Include:

- Conceptual planning, feasibility studies, and due diligence.
- Site design and permitting. (IDAS, TPD, IFC, RSA Etc..)
- Hydrology, hydraulic studies, and stormwater management design.
- Utility infrastructure assessment and design.
- Integrated brownfield redevelopment.
- Construction management and engineering oversight.
- Value engineering and expert witness/litigation support.



HYDROLOGICAL ENGINEERING

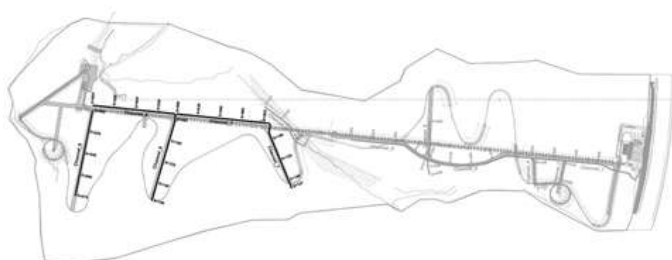
Our expertise spans hydrology, water resources, water treatment, landscape architecture, ecology, climate science, sustainability, and environmental assessment.



This multidisciplinary approach allows us to provide holistic and sustainable water management solutions. We collaborate closely with clients to identify key development and operational risks, designing and implementing cost-effective water management strategies in line with best practices and local regulations.

Services Provided Include:

- Hydrological Analysis & Survey
- Flood Risk Assessment and Management
- Dam and Reservoir Engineering
- Water Supply and Distribution
- Wastewater Management
- Pumping Station Design
- Stormwater Management
- Hydraulic Modeling and Simulation
- Hydraulic Structures Design
- Hydraulic Safety and Risk Assessment
- Environmental Engineering





ARCHITECTURE



Our teams have an excellent reputation for providing high-quality solutions with a complete package of services, from initial briefing and concept design to final implementation.

People – We connect people with the places we build, ensuring every project reflects social, economic, and environmental considerations.

Layers – We develop design solutions driven by site patterns, bringing them to life through collaboration and innovative land development approaches.

Places – We enhance the "sense of place," tailoring designs to fit scales ranging from regional contexts to intimate courtyards and gardens.

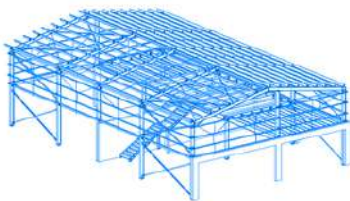
BIM Tools Integration – We leverage advanced BIM tools throughout every phase, from design to implementation. These tools improve collaboration, streamline workflows, and allow for precise modeling, clash detection, and real-time coordination, ensuring efficient, cost-effective, and sustainable results.

Services Provided Include:

- Residential – Apartment Buildings, Villa Residences, and Townhouses.
- Commercial – Office Buildings, Administration Buildings, and Commercial Spaces.
- Governmental – Institutional and Government Agencies.
- Hospitality – Hotels, Leisure and Recreational Facilities.
- Health Care – Hospitals and Health Care Buildings.
- Institutional – Universities, Mosques, Libraries, and Laboratory Buildings.
- Industrial – Maintenance and Storage Facilities.



STRUCTURAL ENGINEERING



SAC has particular expertise in structural engineering covering all types of buildings. We are able to offer specialist advice in the area of seismic design and difficulties associated with the problem of construction in hot and arid climates. The analysis of foundation engineering solutions is an essential area of building design and we are able to call on the advice of our Geotechnical Department for both the preparation of site investigation requirements and the interpretation of the results. We offer a full range of structural engineering services either as part of a multi-discipline team; or as a single independent consultancy service.

Services Provided Include:

- Design of any type of structure.
- Checking of existing design.
- Inspection and provide solutions to any defaulted structures.
- Reinforced Concrete Structures.
- Pre-Stressed Concrete Structures.
- Masonry Structures.
- Post tension Structures.
- Wood Structures.
- Steel Structures.



STRENGTHENING REHABILITATION

SAC team aims to increase the capacity of existing structural elements by considering the deterioration or the alteration that has to be made due to which the structure may fail to serve its purpose, our principal areas of strengthening expertise are:

- Repair and strengthen the design of structures.
- Strengthening design due to new openings in the slabs or beams.
- Strengthening design due to change in function or addition of loads.
- Strengthening design to add new floors to existing buildings.
- Strengthening design of existing buildings due to structural modifications.
- Supervision of repair and strengthening work.
- Strengthening is due to loss in concrete strength or due to lower concrete strength than required.





NON-DESTRUCTIVE TESTING SERVICES

SAC's condition assessment services are comprehensive – offering a range of testing and deliverables based on the needs of the owner and the project. The objective of a standard condition assessment is to identify the root cause of problems and the level of damage.

Based on the client's needs, SAC can also provide additional testing services to predict service life as well as help to determine optimal repair solutions including associated repair and maintenance budgets.

- Conduct non-destructive tests for the assessment and evaluation
- Building slabs field load tests
- Bridges and underpass field load tests

List of Tests:

- Cover Meter Survey using Electromagnetic cover meter and GPR Scanner to measure cover depth and spacing.
- Steel area reduction, measurement through Digital vernier caliper.
- Surface strength (rebound number).
- An ultrasonic pulse velocity test of concrete, to check the integrity of the concrete.
- Measurement of Polarization Resistance.
- Half Cell Potential Measurement.
- Cover Meter Survey Spot Measurement using digital Cover Meter.
- Conduct the resistivity test of concrete.
- Structure Crack Depth Measurement.
- Structure Crack Progress Measurement.



DURABILITY DESIGN FOR EXISTING STRUCTURES

SAC provides highly specialized services including full condition and corrosion assessment to identify the root cause of problems, as well as the design of corrective programs to meet desired service-life requirements. SAC's experts can also offer alternative repair solutions and budgets to solve any problems discovered during an assessment.

SAC provides a range of investigation services, from initial observation reports to comprehensive condition assessments to determine the proper approach to maintenance and repair of infrastructure/structure assets. Our team evaluates assessment results to provide a clear understanding of a structure's current condition and the root cause of any identified problems.

ITEM	ROUTINE VISUAL INSPECTION	DETAILED INSPECTION	CONDITION ASSESSMENT
Description	Comprehensive visual appraisal that describes the observed problem area(s).	Documentation of the problem area(s) that quantifies the location and degree of the visible defects and conditions.).	Analysis of collected data, documentation of current conditions, extent of damage (if any), and root cause analysis.
Includes	• Verbal or written summary • Includes photos with notes	• Report and client briefing • General – access to structure • Detailed – access to condition area, may involve samples and testing	• Engineer of Record or Responsibility • Field and laboratory testing. • Repair option(s) and proposal. • Written report and client briefing may involve samples.
Benefits	• Quick assessment of the general condition	• Quick and non-destructive assessment of the general condition • Quantified evaluation of what needs to be repaired and how it should be done	• Detailed condition assessment helps to determine the residual service life of the structure



DILAPIDATION SURVEY

SAC Surveyors lead the inspection of the structural condition of buildings and structures, usually undertaken before starting development, construction, alterations, or demolition. Councils may ask for a report as part of a resource consent application.

SAC offers a full range of specialist structural engineering and surveying services including comprehensive dilapidation and condition surveys, deformation surveys, subsidence monitoring, precise monitoring surveys, and installation of piezometers and ground monitoring stations.

What is a Dilapidation Survey?

It is an inspection of the structural condition of buildings and structures, usually undertaken before starting development, construction, alterations, or demolition.





DILAPIDATION SURVEY

What is a Deformation Survey?

Deformation monitoring and surveying is the systematic measurement and tracking over time of movement, which could apply to land, structures, infrastructure etc.

Why would I need a Dilapidation Survey or Deformation Monitoring?

We work with property owners, building developers and constructors; all of whom are interested in making sure that they have the right information to protect their investment and mitigate risk – or to rebut claims

What is the process for a Dilapidation Survey?

Prior to construction commencing our structural engineers together with a surveyor undertake an initial site walkover – and over neighbouring properties in the vicinity (with consent) to visually inspect structures on those properties and assess whether they may be in the zone of influence from the rock breaking, removal of support through basement excavation or vibration from mechanical sources during the excavation and site development

Following this we return to the site and make an extensive photographic record of all visible existing damage and building defects, to establish monitoring marks and to undertake discrete survey measurements to understand the condition, level, and position of;

- Surrounding buildings – interior and exterior, existing condition of walls, cladding, exposed foundations
- Surrounding footpaths, roads, and railway lines
- Adjoining structures, retaining walls, foundations
- infrastructure and service pits and infrastructure
- Cornices and ceilings
- Flooring and tiling

Detailed and more frequent assessments may be necessary if the adjacent buildings are constructed of unreinforced masonry, are old, or of such a design that they may have a higher risk level or when works are undertaken around particularly sensitive infrastructure e.g. train tracks in rail corridors where we may need to use dynamic monitoring systems to continuously feed results.



QA / QC QUALITY POLICY



SAC is following BS EN ISO 9001:2015, in respect of Project Management and related services including Executive Project Management, Construction Management, Project Management Consultancy and other Project Management Services such as Quantity Surveying, Cost Control and Planning.



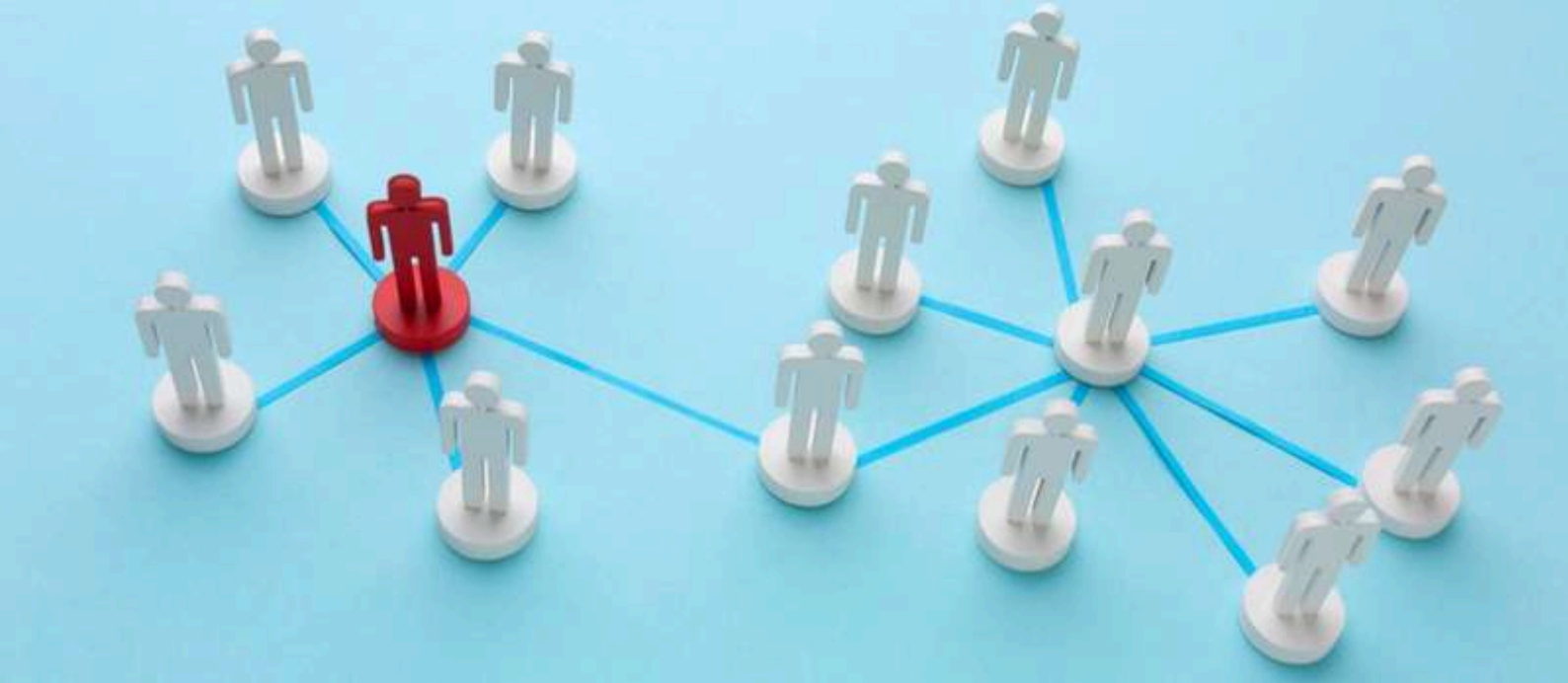
CONSULTANTS QUALITY PLAN

We are committed to a policy of quality management for all our work in accordance with BS EN ISO 9001: 2015 Standards. We have experience in the development and implementation of quality management systems for projects, large and small, in the UAE.

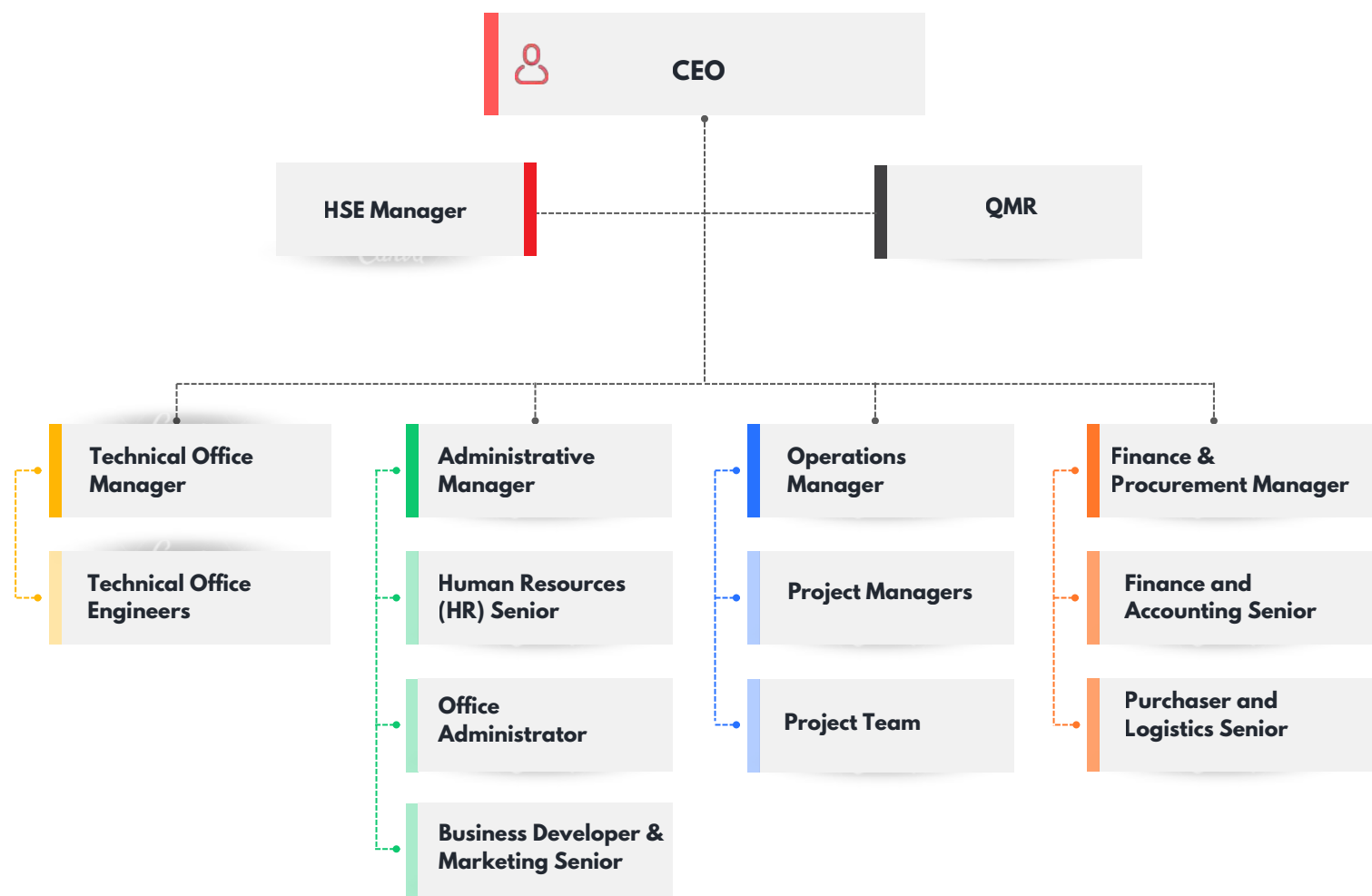


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We will prepare a Quality Plan through our Project Manager to comply with the requirements of ISO 9001. Regular internal audits will be carried out to ensure the system is properly implemented.



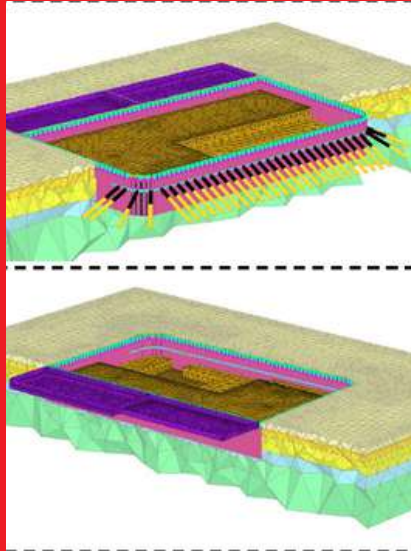
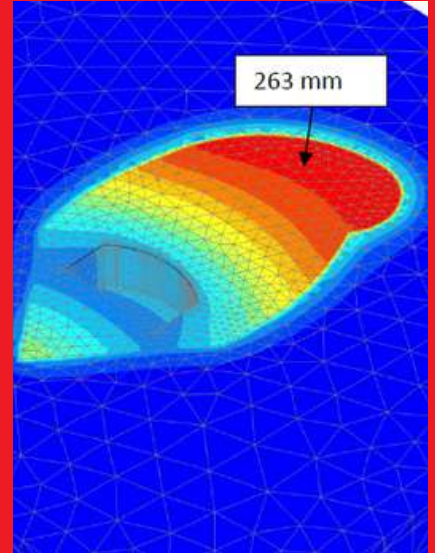
ORGANISATION CHART





PREVIOUS EXPERIENCE

GEOTECHNICAL EXPERIENCE



SOIL INVESTIGATION, IMPROVEMENT DESIGN & SUPERVISION CONSULTANCY



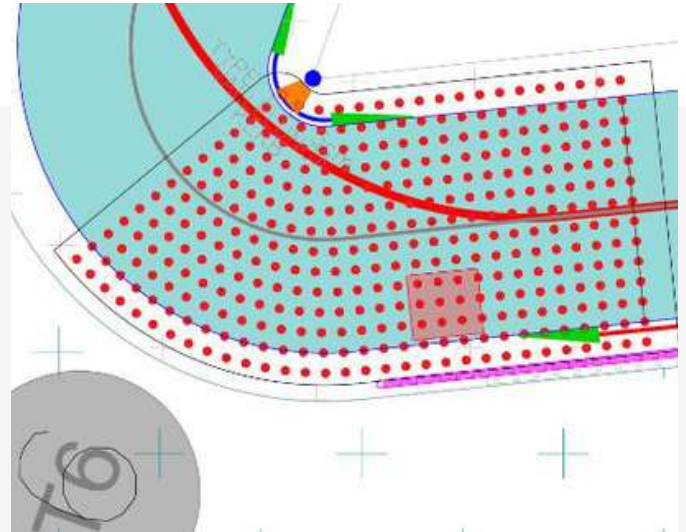
CLIENT: **ETHARA / YAS MARINA**

DURATION: **3 MONTH**

YAS MARINA CIRCUIT - TURN 6 SUBSIDENCE

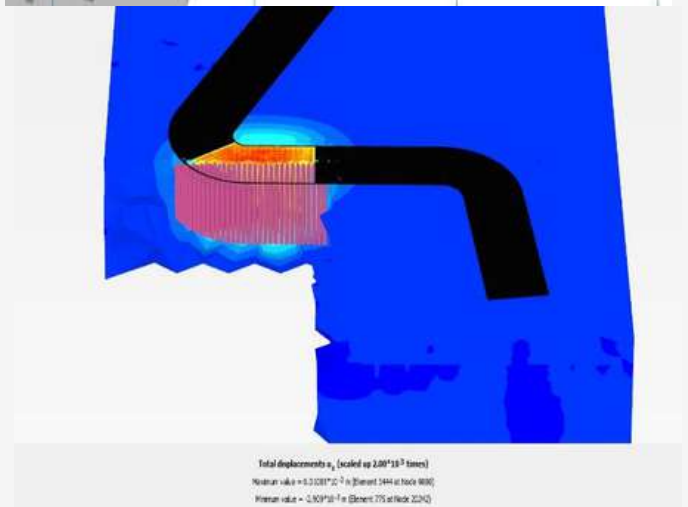


Super Arc Consultants LLC (SAC) was appointed to provide comprehensive geotechnical consultancy services for the investigation, assessment, design, and remediation of subsidence affecting Turn 6 at Yas Marina Circuit, Abu Dhabi. The assignment focused on identifying the root cause of track settlement, developing a long-term soil improvement solution, and supervising the implementation works to ensure compliance with FIA performance requirements and operational constraints.



WHAT WE DID?

- Geotechnical investigation and forensic assessment of track subsidence.
- Development of soil improvement and ground stabilization solutions.
- Management and supervision of geotechnical investigations and remediation works.
- Preparation of technical specifications, tender documentation, and contractor evaluations.
- Construction supervision, testing, commissioning, and project closeout support.



GEOTECHNICAL INTERPRETATIVE REPORT FOR SHALLOW FOUNDATION SYSTEM



CLIENT: **INEX CONTRACTING**

DURATION: **1 WEEK**

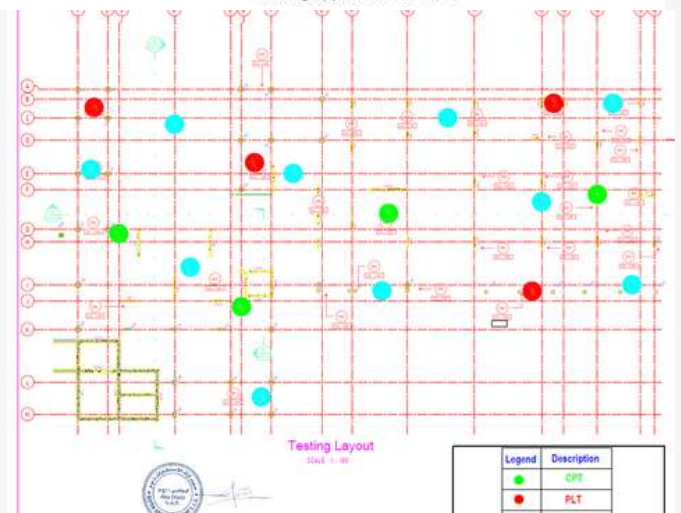
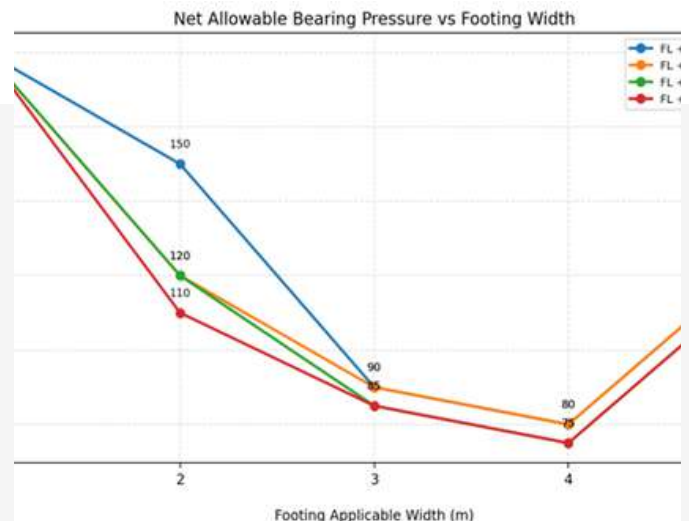
JIIC HEADQUARTERS BUILDING, AL JUBAIL ISLAND, ABU DHABI



Super Arc Consultants LLC (SAC) was appointed to provide geotechnical engineering consultancy services for the proposed JIIC Headquarters Building at Al Jubail Island, Abu Dhabi. The assignment focused on reviewing the available geotechnical investigation data and foundation layout to develop a comprehensive Geotechnical Interpretative Report supporting the proposed shallow foundation system and associated earthworks.

WHAT WE DID?

- Review of geotechnical investigation reports and foundation layouts.
- Assessment of shallow foundation bearing conditions and ground suitability.
- Development of recommendations for CPT and Plate Load Testing programs.
- Preparation of structural fill specifications and quality control requirements.
- Evaluation of site preparation, formation levels, and subgrade verification procedures.
- Preparation of a Geotechnical Interpretative Report supporting foundation design and construction



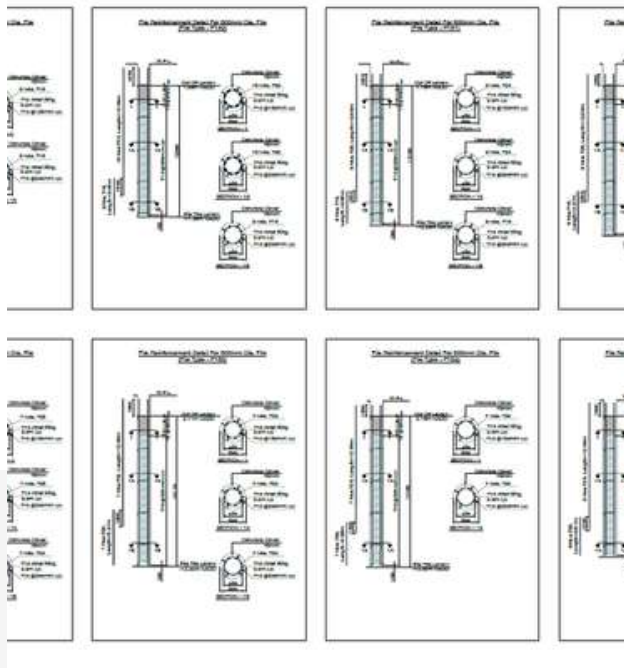
THIRD-PARTY REVIEW, VALIDATION & ADM SUBMISSION OF SHORING AND PILING DESIGN – RAMHAN ISLAND



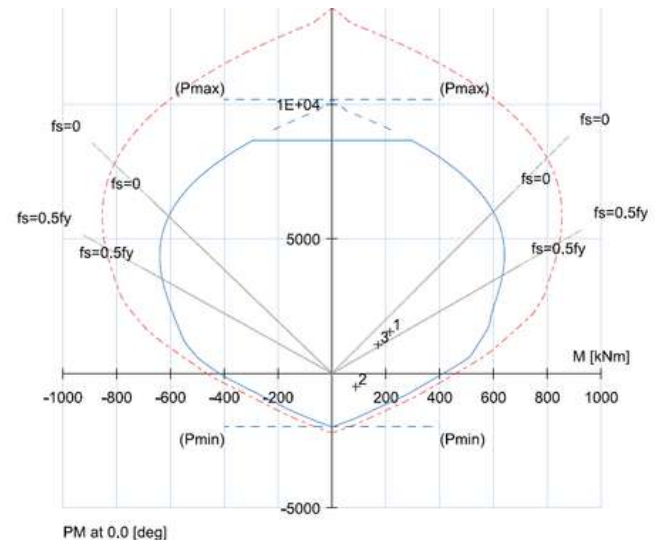
CLIENT: **KELLER**

DURATION: **1 MONTH**

RAMHAN ISLAND DEVELOPMENT PROJECT



Super Arc Consultants LLC (SAC) was appointed to provide independent third-party review, validation, and authority submission services for the shoring and piling designs of five buildings within the Ramhan Island Development, Abu Dhabi. The assignment focused on verifying design compliance with Abu Dhabi Municipality (ADM) requirements, applicable engineering standards, and project specifications prior to authority submission and approval.



WHAT WE DID?

- Third-party review and validation of shoring and piling designs.
- Compliance verification against ADM requirements and engineering standards.
- Review of drawings, calculations, and geotechnical documentation.
- Design stamping, signing, and ADM submission support.

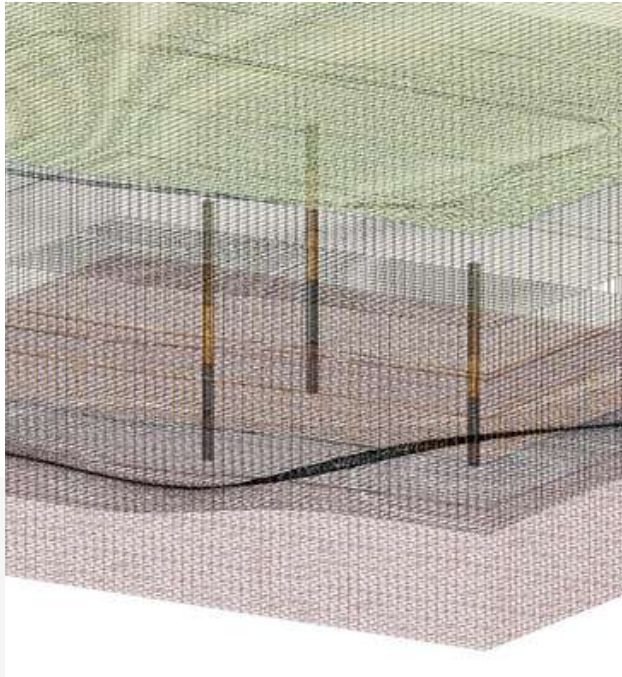


SEEPAGE ANALYSIS, SHORING REVIEW & FOUNDATION OPTIMIZATION

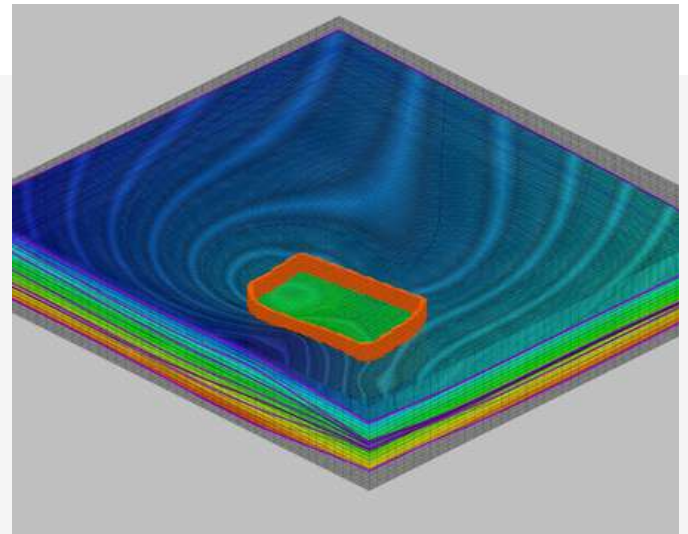
CLIENT: **ALNASR-MODON**

DURATION: **1 MONTH**

AMPD DEVELOPMENT

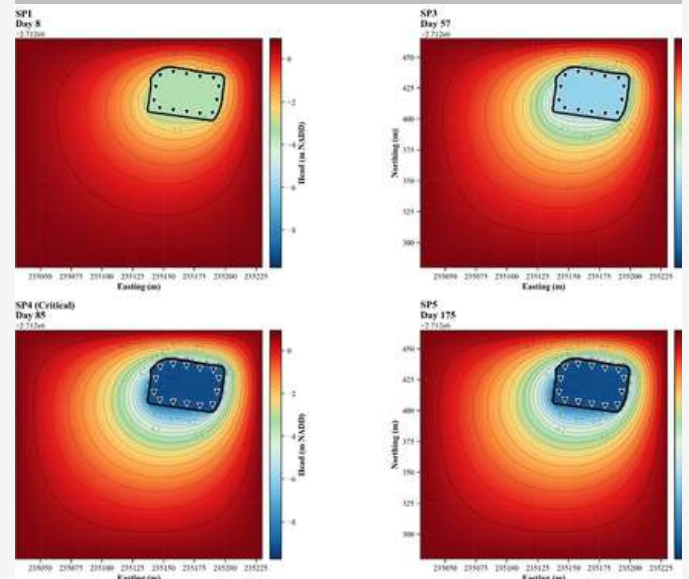


Super Arc Consultants LLC (SAC) was appointed to provide specialist engineering consultancy services for the AMPD Development in Abu Dhabi, comprising multiple island developments including Four Seasons and Rosewood. The assignment focused on evaluating groundwater behaviour, verifying dewatering performance, reviewing shoring system designs, and exploring foundation optimization opportunities to support the safe and efficient execution of future basement excavations within a challenging marine environment



WHAT WE DID?

- Performed 3D groundwater seepage modelling and dewatering verification using MODFLOW for marine basement excavations.
- Assessed groundwater behaviour, excavation constructability, and the adequacy of secant pile wall embedment levels.
- Conducted an independent engineering review of shoring system designs and PLAXIS 3D analyses.
- Identified technical risks and provided engineering recommendations to support safe and efficient project delivery.
- Evaluated foundation optimization opportunities through post-tensioned raft value engineering solutions.



PEER REVIEW OF PROBING & GROUTING WORKS

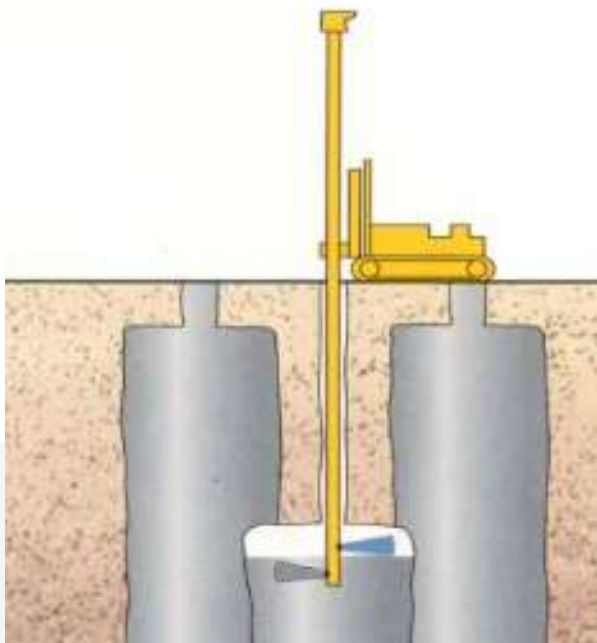
IntraGround
Your Ground Engineering Partner

CLIENT: INTRAGROUND - INNOVO - ALDAR

DURATION: 4 MONTH

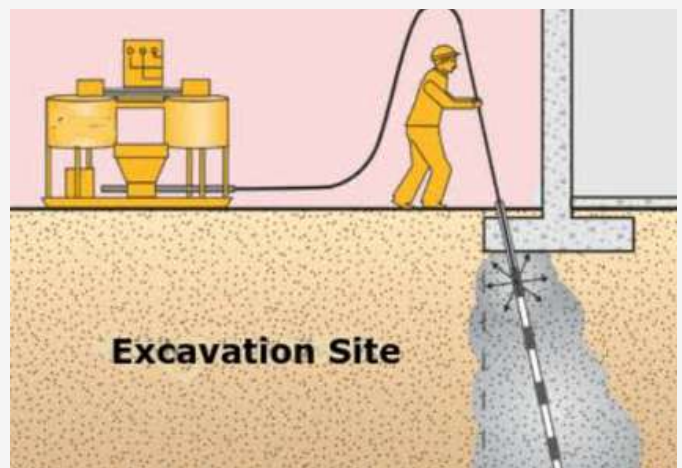
NORTH AL BAHIA PROJECT ABU DHABI – UAE

Super Arc Consultants LLC (SAC) was appointed to provide an independent engineering review of the probing and grouting works for the North Al Bahia Housing Project in Abu Dhabi. The assignment focused on assessing the technical adequacy of the proposed ground treatment strategy and verifying that the available investigations, design reports, and final submissions were aligned with project requirements and accepted engineering practices.



WHAT WE DID?

- Review of geotechnical and geophysical investigation data.
- Assessment of ground conditions and suitability of the proposed probing and grouting strategy.
- Review of design reports, methodologies, and engineering assumptions.
- Verification of compliance with project requirements and applicable standards.
- Identification of technical risks, gaps, and inconsistencies.
- Review of final execution reports and supporting documentation.

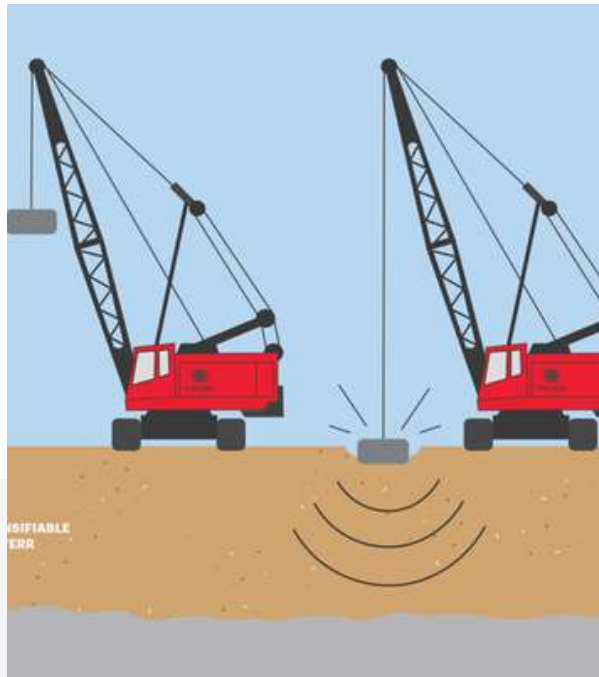


PEER REVIEW OF GROUND IMPROVEMENT WORKS

CLIENT: MENARD - INNOVO - ALDAR

DURATION: 4 MONTH

NORTH AL BAHIA PROJECT ABU DHABI – UAE



Super Arc Consultants LLC (SAC) was appointed to provide an independent technical peer review of the proposed ground improvement works for the North Al Bahia Residential Development in Abu Dhabi, a large-scale housing project covering approximately 1.2 million m². The development includes villas, roads, substations, and utility infrastructure requiring extensive ground treatment to achieve the project's geotechnical performance objectives.



WHAT WE DID?

SAC's scope involved a comprehensive review of the geotechnical investigations, design basis, ground improvement design reports, shop drawings, and final technical reports covering four project zones. The review assessed the suitability of proposed ground improvement techniques, including Dynamic Compaction, Rapid Impact Compaction, Vibro Replacement, and Dynamic Replacement, while verifying compliance with project specifications, ADQCC requirements, and relevant international standards.

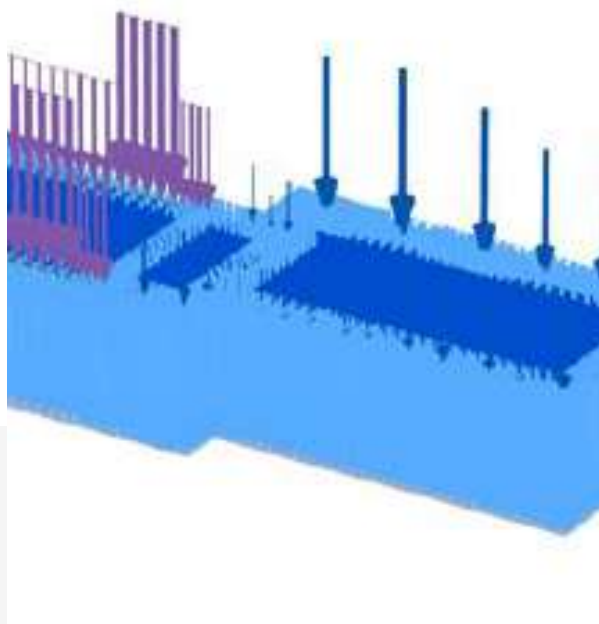


GEOTECHNICAL & EARTHWORK DESIGN

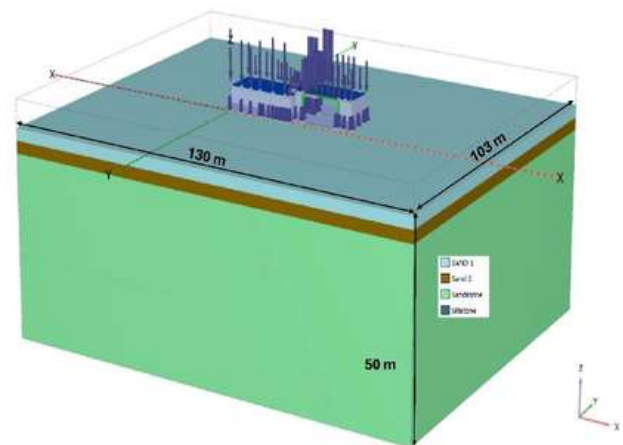
CLIENT: **ETIHAD RAIL / CHINA RAILWAY**

DURATION: **3 MONTH**

ETIHAD RAIL CONVENTIONAL SPEED PASSENGER DESIGN & BUILT CONTRACT OF 6 MICRO STATIONS

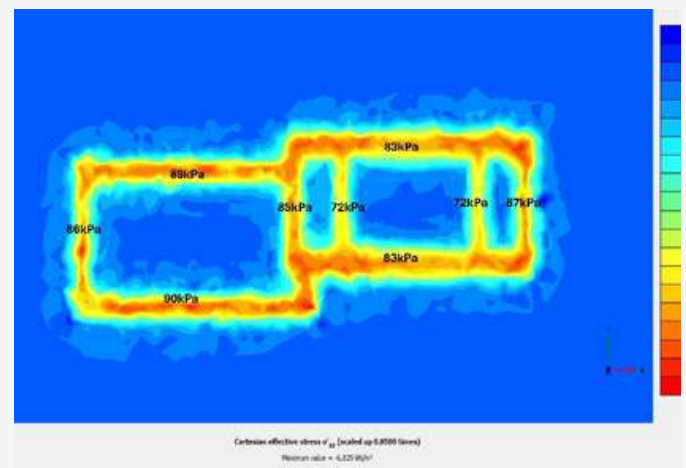


The project involved providing geotechnical design and earthwork recommendations for six Etihad Rail micro station sites. SAC reviewed site data, recommended foundation systems, grading, drainage, and ground improvement measures, and conducted site visits. Advanced 2D/3D modeling was applied for critical elements. Deliverables included geotechnical reports, design guidelines, and QC specifications to support compliant and safe construction.



WHAT WE DID?

- Reviewed geotechnical data and validated design parameters for foundations and earthworks.
- Recommended foundation systems, ground improvement methods, grading, and drainage solutions.
- Conducted site visits and provided guidelines for additional testing and QC requirements.
- Prepared geotechnical reports, design sketches, and input for structural detailing.
- Supported client queries and resolved site geotechnical issues.



YAS MARINA CIRCUIT



CLIENT: **ADMM**

DURATION: **3 MONTH**

TRACK MODIFICATION DESIGN



SAC was assigned as the specialist consultant for the Geotechnical Assessment and Soil Improvement project at the iconic Yas Marina Circuit in Abu Dhabi. Swiftly executing both the design and supervision of soil improvement works for the track was no easy job. Despite the tight timeline, SAC rose to the occasion and successfully completed the project on time. Today, we proudly highlight our achievement—years later, the track stands as a testament to our commitment, showing zero displacement.



WHAT WE DID?

- Review available relevant documentation
- Testing and investigation
- Geotechnical study and report
- Design of soil improvement works
- Tender package & support
- Construction supervision



CLIENT: Q HOLDING**DURATION: 9 MONTH**

SUPERVISION OF SOIL IMPROVEMENT



SAC served as a Geotechnical Consultant in the esteemed Reem Hills Island project, focusing on comprehensive soil improvement works. Our role entailed diligent supervision and oversight of the soil improvement processes, ensuring the successful enhancement of soil properties for optimal construction and development on the island.



WHAT WE DID?

- Site Assessment and Soil Analysis
- Construction Oversight and Supervision
- Quality Control and Assurance
- Progress Reporting and Documentation
- Client Collaboration and Coordination



AL HUDAYRIAT ISLAND

MODON**CLIENT: MODON****DURATION: 2 YEARS**

SUPERVISION OF SOIL IMPROVEMENT



SAC served as a Geotechnical Consultant in the esteemed A Hudayriat Island project, focusing on comprehensive soil improvement works. Our role entailed diligent supervision and oversight of the soil improvement processes, ensuring the successful enhancement of soil properties for optimal construction and development on the island.

WHAT WE DID?

- Site Assessment and Soil Analysis
- Construction Oversight and Supervision
- Quality Control and Assurance
- Progress Reporting and Documentation
- Client Collaboration and Coordination



DAMAGED CITIZEN HOUSES

CLIENT: ABU DHABI MUNICIPALITY

DURATION: 6 MONTHS

GROUND IMPROVEMENT WORKS



SAC served as a specialized Geotechnical Consultant in the ADM project of the Ground Improvement Works For Damaged Citizen Houses in Different Areas in Emirate Of Abu Dhabi, focusing on comprehensive soil improvement works.



WHAT WE DID?

- Set up project documentation and methodology
- Review available relevant documentation.
- Prepare Design of Soil improvement works, Drawings and recommendations.
- Preparation of tender documents.
- Evaluation of contractors and supervision.



THE CIEL TOWER



CLIENT: **THE FIRST GROUP**

DURATION: **2 MONTH**

GEO-STRUCTURAL ASSESSMENT



SAC was appointed to analyze the structural impact of the Ciel Tower's deep foundation and shoring systems on the surrounding infrastructure, including the MARINA Bridge, the adjacent RAMP retaining wall, and the Canal Quay Wall. Continuous settlement, movement, and active cracking were observed in the surrounding area during construction, affecting the MARINA Bridge and nearby utilities.

WHAT WE DID?

- Review available relevant documentation
- Finite Element Modelling
- Slopes Stability Analysis
- Dewatering Modelling
- Geophysical Survey
- Geotechnical Assessment
- Structural Assessment



SHORING SYSTEM

THE
FIRST
GROUP

CLIENT: THE FIRST GROUP

DURATION: 3 WEEKS

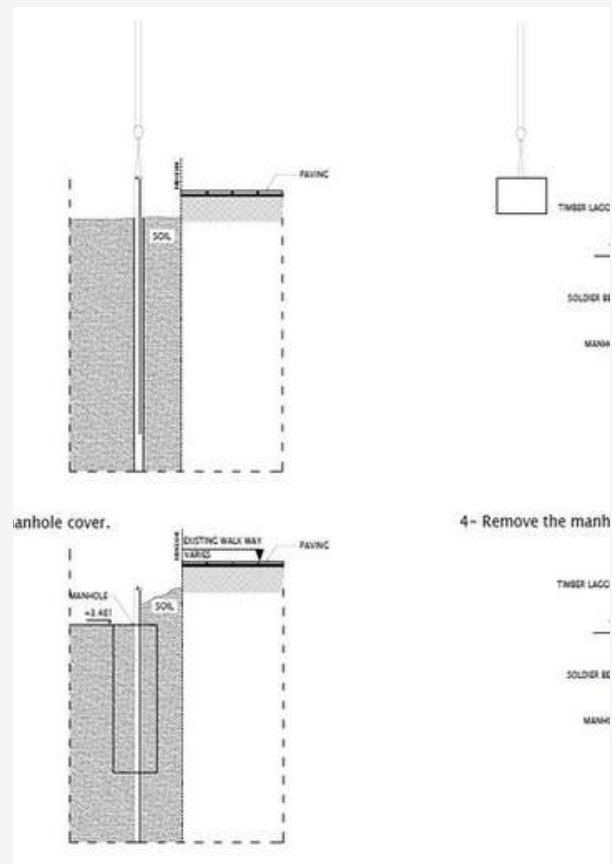
SHORING SYSTEM DESIGN



SAC was appointed by TFG to conduct a geotechnical study and provide a design solution for demolishing an unused manhole obstructing the proposed shoring system for the Ciel Tower project. The shoring system is necessary to support excavation works ranging from 1.5 to 3 meters in depth, located adjacent to the RTA bridge ramp in the Dubai Marina area.

WHAT WE DID?

- Reviewed the site investigation reports and geotechnical data provided by the client.
- Conducted geotechnical assessments
- Shoring System Design
- Design Recommendations



RODA TOWER



CLIENT: **FUTURE BUILDERS ENGINEERING L.L.C**

DURATION: **4 MONTH**

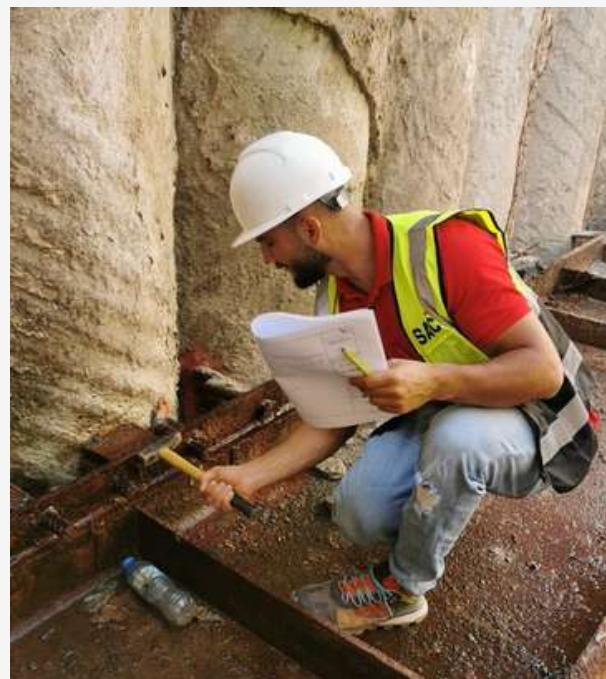
COMPREHENSIVE ASSESSMENT



The primary goal of this study was to assess the structural integrity of the basements in the Tower. By conducting physical, mechanical, and chemical assessments of the structural elements, SAC aimed to identify the causes of distress, such as steel corrosion, concrete degradation, and water leakage, and to provide a methodology for remediation. The recommendations would assist the client and contractors in effectively addressing the identified issues and ensuring the safety of the existing structure.

WHAT WE DID?

- Conduct destructive and non-destructive testing
- Perform visual inspections and map distressed areas
- Analyze structural and geotechnical conditions, including shoring and raft foundation.
- Provide recommendations for structural repairs and subsurface soil improvements.



FASHIONZ 1

**DANUBE
PROPERTIES**CLIENT: **DANUBE PROPERTIES**DURATION: **2 MONTH**

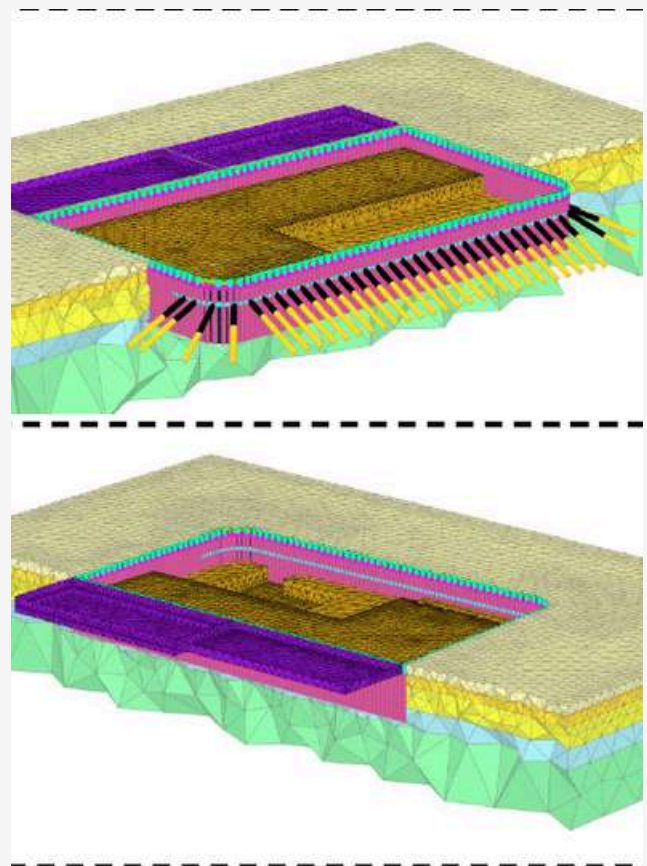
EXISTING SHORING SYSTEM ASSESSMENT



The purpose of the study is to determine the Structural Elements conditions at the existing shoring system, and the physical, mechanical, chemical properties of the assessed structural elements in order to identify the structural elements conditions and to decide on their suitability for the use as retaining walls for the planned construction works.

WHAT WE DID?

- Reviewing of site investigation results
- Reviewing of all the monitored data and the structural inspection
- Visual Inspection.
- Carrying out required geotechnical analysis
- Preparing a full comprehensive Engineering Report.

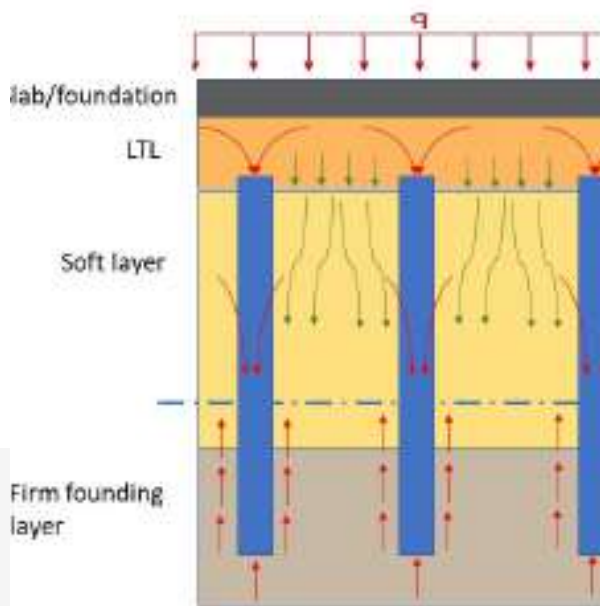


AL MERIEF ROAD REHABILITATION

CLIENT: HILALCO - SPECTRA

DURATION: 2 MONTH

REVIEW OF GROUND IMPROVEMENT DESIGN

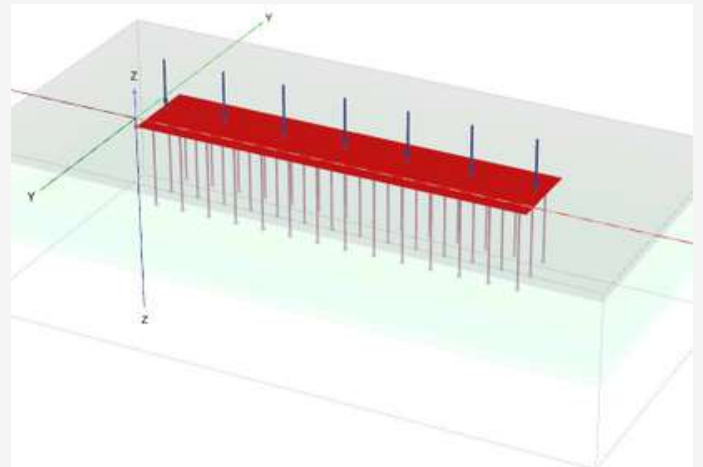
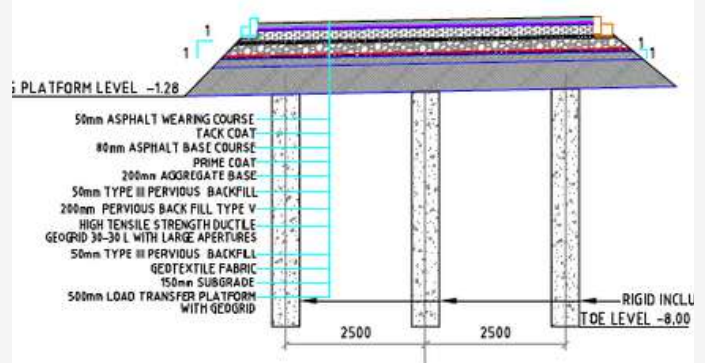


The Al Merief Development project, which includes residential villas, community facilities, and supporting infrastructure, has encountered settlement issues in its road foundations.

The client has engaged (SAC) to review and assess the ground improvement design submittal for the road rehabilitation using the rigid inclusion technique, ensuring it meets the project's technical and performance requirements.

WHAT WE DID?

- Carry out a review of the soil improvement contractor design submittal for ground improvement using rigid inclusion technique for a local Road Rehabilitation
- Submittal of contractor's ground improvement design and related documents to the ADM through the smart hub system to obtain the design approval.



THE MEYDAN



CLIENT: **ELSEIF ENGINEERING CONTRACTING**

DURATION: **5 MONTH**

ENABLING WORKS CONSULTANT



SAC's responsibilities involve supervising the execution of piling works, ensuring rigorous testing and quality assurance, and monitoring the overall progress and performance of these enabling works. Our expertise ensures that all construction activities meet the required standards and specifications, laying a solid foundation for the subsequent phases of the Meydan Project.

WHAT WE DID?

- Act as a consultant for Elseif Engineering Contracting on the Meydan Project enabling works.
- Oversee and coordinate piling works, including Barrette piles.
- Supervise the construction and installation of D-Wall.
- Conduct testing and quality assurance for piling and D-Wall works.
- Monitor project progress and performance to ensure compliance with specifications and standards.



VILLA NO. 1B-537, AL FALAH



CLIENT: **ELSEIF ENGINEERING CONTRACTING**

DURATION: **1 MONTH**

GEOTECHNICAL INVESTIGATION AND SOIL IMPROVEMENT



Super Arc Consultant LLC (SAC) was engaged to conduct a geotechnical investigation and soil improvement design for Villa No. 1B-537, located in Al Falah, Abu Dhabi, UAE.

The project involved a thorough review of the available documentation, followed by geotechnical and geophysical surveys to identify any geotechnical hazards affecting the site. SAC prepared a comprehensive geotechnical assessment report, providing a condition assessment of the soil and designing effective soil improvement solutions. Detailed drawings and recommendations were provided to ensure the stability and safety of the villa's foundation and overall structure

WHAT WE DID?

- Carry out Geotechnical & Geophysical Survey.
- Identify the Geotechnical Hazards.
- Prepare Geotechnical Assessment report, condition assessment &
- Design of Soil improvement works, Drawings and recommendations.



VILLA NO 1B-618, PROJECT, ALFALAH



CLIENT: **ELSEIF ENGINEERING CONTRACTING**

DURATION: **1 MONTH**

GEOTECHNICAL INVESTIGATION AND SOIL IMPROVEMENT

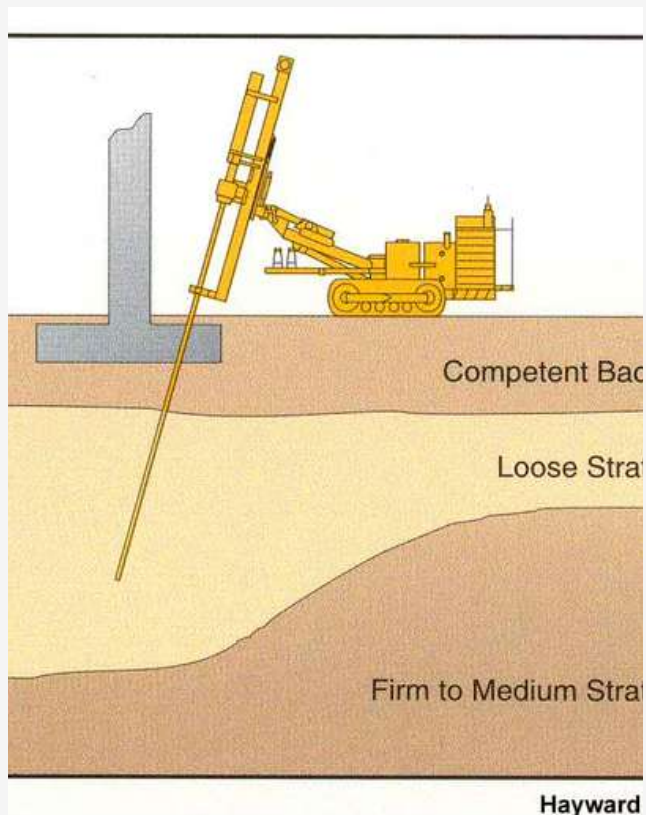


Super Arc Consultant LLC (SAC) was engaged to conduct a geotechnical investigation and soil improvement design for Villa No. IB-537, located in Al Falah, Abu Dhabi, UAE.

The project involved a thorough review of the available documentation, followed by geotechnical and geophysical surveys to identify any geotechnical hazards affecting the site. SAC prepared a comprehensive geotechnical assessment report, providing a condition assessment of the soil and designing effective soil improvement solutions. Detailed drawings and recommendations were provided to ensure the stability and safety of the villa's foundation and overall structure

WHAT WE DID?

- Carry out Geotechnical & Geophysical Survey.
- Identify the Geotechnical Hazards.
- Prepare Geotechnical Assessment report, condition assessment &
- Design of Soil improvement works, Drawings and recommendations.



ROADS AND INFRASTRUCTURE WORKS IN MBZ CITY

CLIENT: **MUSANADA**DURATION: **1 MONTH**

GEOTECHNICAL INVESTIGATION



The project involved the planning, supervision, and execution of a comprehensive geotechnical investigation, ensuring all activities met the stringent requirements of Abu Dhabi Municipality. SAC prepared a detailed engineering geotechnical report, providing crucial data and recommendations for the successful design and construction of roads and infrastructure in the specified zones. The report included soil assessments, geotechnical hazards, and engineering solutions to ensure the stability and longevity of the project.

WHAT WE DID?

- Review project documentation.
- Conduct geotechnical and geophysical investigations
- Perform soil testing, sampling, and borehole drilling.
- Identify geotechnical hazards and assess soil stability.
- Supervise fieldwork and ensure compliance with standards.
- Prepare a geotechnical report meeting Abu Dhabi Municipality requirements.
- Provide design recommendations and mitigation strategies.



CLIENT: **MUSANADA**DURATION: **2 MONTH**

CONDITIONAL ASSESSMENT



SAC was commissioned to address ground settlement issues and wall cracking at Aldanah School. The project began with a thorough review of the relevant documentation, followed by the planning and execution of geotechnical and geophysical surveys to identify underlying geotechnical hazards contributing to the settlement.

WHAT WE DID?

- SAC performed a comprehensive condition assessment of the affected areas and designed tailored soil improvement solutions to mitigate further settlement. Detailed drawings and recommendations were prepared, outlining the necessary corrective measures to restore the structural integrity of the school and ensure long-term stability



RESIDENTIAL BUILDING



CLIENT: **TALA CONCRETE REPAIR**

DURATION: **1 MONTH**

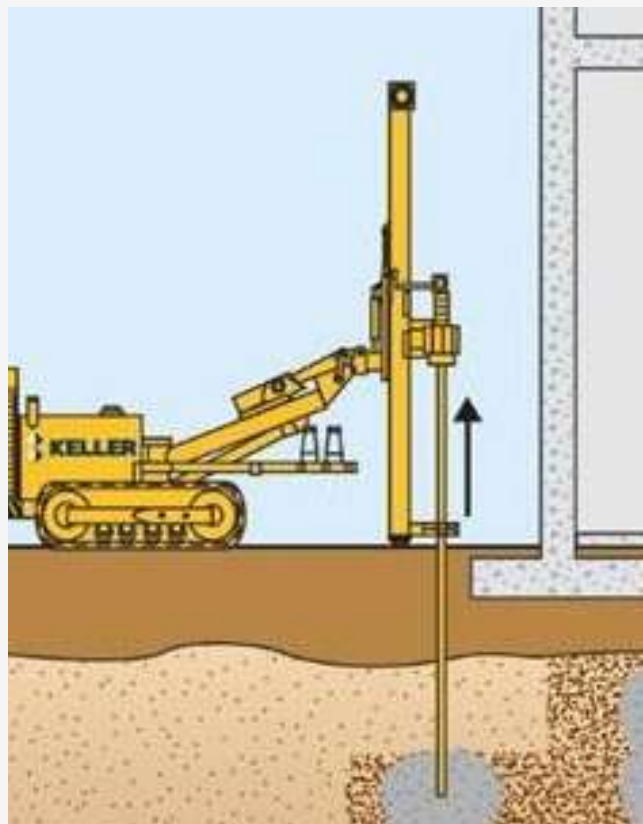
GEOTECHNICAL INVESTIGATION AND PROBING GROUTING



Super Arc Consultant LLC (SAC) was appointed to conduct a comprehensive geotechnical investigation and probing grouting for the Ali Mohammad Sadiq Al Bloushi Building, located at Plot No. C60, Sector E16_02, Abu Dhabi, UAE

WHAT WE DID?

- The project involved planning and supervising probing grouting works to address soil stability and support construction activities. SAC is responsible for preparing a detailed engineering geotechnical report in compliance with Abu Dhabi Municipality requirements. This includes designing and overseeing probing grouting and soil improvement works to ensure the structural integrity and safety of the building.



NAJMAT ABU DHABI PEDESTRIAN BRIDGE



CLIENT: **TALA CONCRETE REPAIR**

DURATION: **1 MONTH**

GEOTECHNICAL INVESTIGATION AND MICRO PILE WORKS



Super Arc Consultant LLC (SAC) successfully completed the design and supervision of pressure grouting works for the Najmat Abu Dhabi Marina Pedestrian Bridge, located on Al Reem Island

WHAT WE DID?

- The project involved the detailed design and execution of pressure grouting to enhance the structural integrity of the bridge foundation. SAC was responsible for overseeing all grouting activities, ensuring that the works were carried out to the highest standards, resulting in a stable and durable foundation for the pedestrian bridge. The successful completion of the project contributed to the long-term safety and functionality of the bridge structure.



AL SHAMKHA AMBULATORY HEALTHCARE CENTRE



CLIENT: **TALA CONCRETE REPAIR**

DURATION: **1 MONTH**

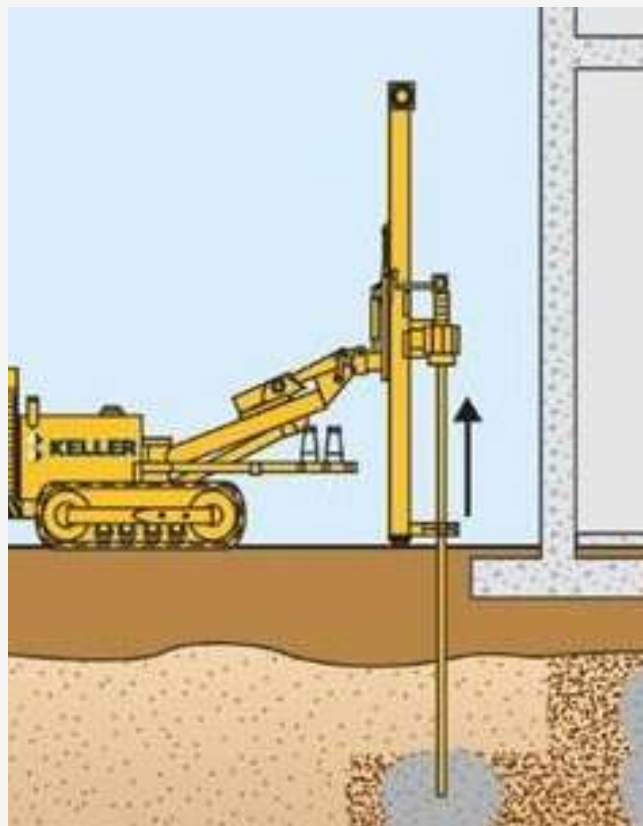
GEOTECHNICAL INVESTIGATION AND MICRO PILE WORKS



Super Arc Consultant LLC (SAC) was engaged to provide geotechnical investigation and micro pile design for the Al Shamkha Ambulatory Healthcare Centre Clinic, Type 'B', located at Plot No. P13, Sector SH13, Abu Dhabi, UAE.

WHAT WE DID?

- SAC's reviewed the project documentation, conducting geotechnical and geophysical surveys, and identifying geotechnical hazards. A comprehensive geotechnical assessment report was prepared, including the design of soil improvement works, detailed drawings, and recommendations. Additionally, SAC designed and supervised the micro pile works to ensure a stable foundation and long-term structural safety .





LIFE STYLE HOTEL

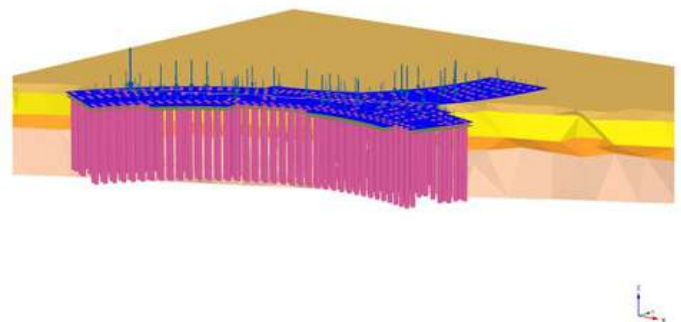
CLIENT: **BAHIJ INVESTMENT**

DURATION: **1 MONTH**

GEOTECHNICAL FOUNDATION DESIGN

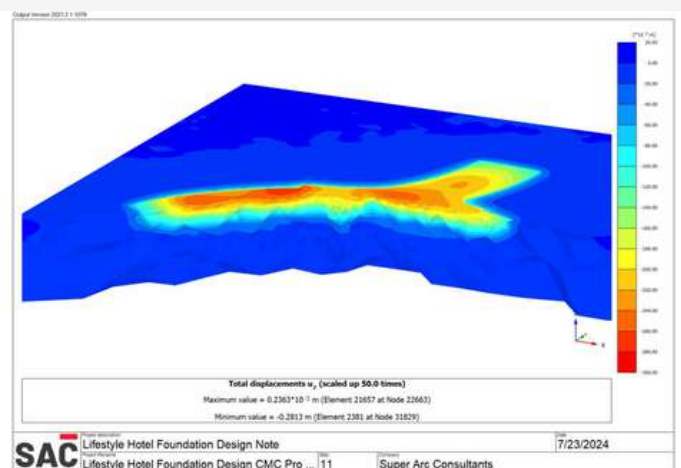


SAC was appointed as the geotechnical specialist for the Life Style Hotel project, in Saudi Arabia. This prestigious development, situated on reclaimed soil on an artificial island in Yanbu City, comprises a five-story hotel without a basement.



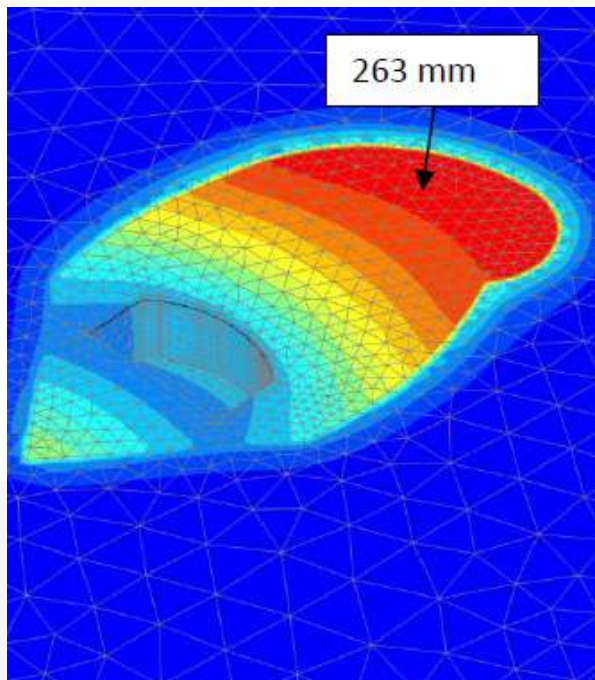
WHAT WE DID?

- Review and Analysis: Conducting a comprehensive review of geotechnical data and calculations to assess soil conditions and structural requirements.
- Geotechnical Design: Developing detailed design options for deep foundation elements, including piled raft and Controlled Modulus Columns (CMC) systems, supported by precise calculations and drawings.
- Tender Documentation

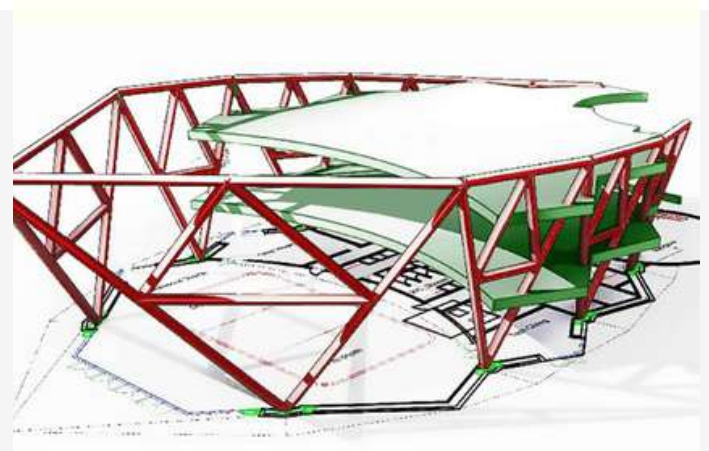


**CLIENT: BAHIJ INVESTMENT****DURATION: 1 MONTH**

GEOTECHNICAL FOUNDATION DESIGN

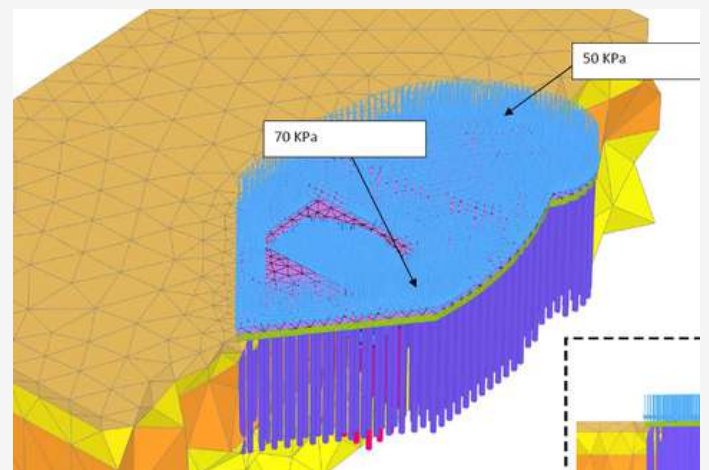


SAC has been commissioned by Baheej Investment Company to provide geotechnical engineering design services for the foundations of the development of the Diving & Visitor Center – Tourist Resorts Project in Yanbu. This report presents the Engineering analysis, conclusions and recommendations based on the previous geotechnical report & finite element analysis (FEA) for the Diving & Visitor Center foundation. Geotechnical analysis and numerical 3D modelling & analysis have been prepared for preparing an integrated design for the foundations of the building.



WHAT WE DID?

- Review and Analysis: Conducting a comprehensive review of geotechnical data and calculations to assess soil conditions and structural requirements.
- Geotechnical Design: Developing detailed design options for deep foundation elements, including piled raft and Controlled Modulus Columns (CMC) systems, supported by precise calculations and drawings.
- Tender Documentation

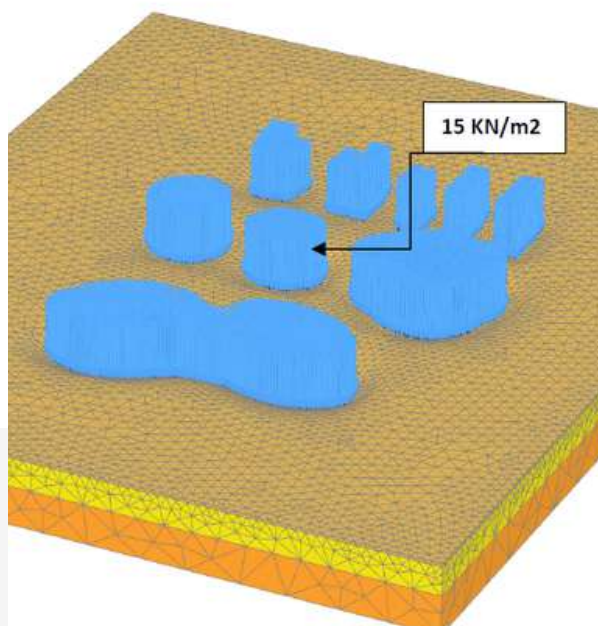




CLIENT: BAHIJ INVESTMENT

DURATION: 1 MONTH

GEOTECHNICAL FOUNDATION DESIGN



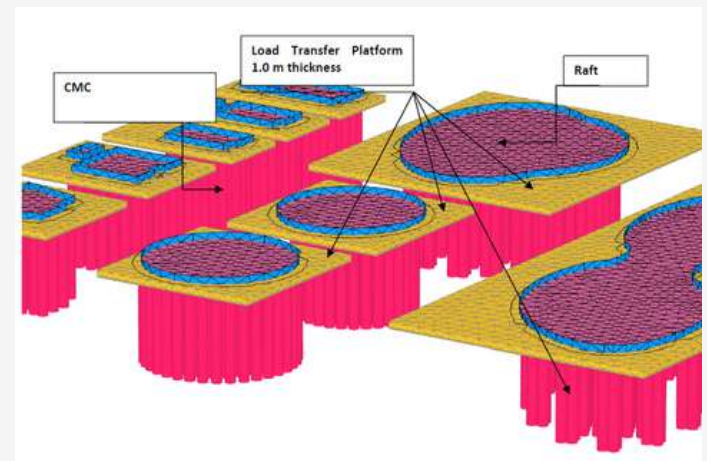
SAC has been commissioned by Baheej Investment to provide geotechnical engineering design services for the foundations of the development of the Wellness Resort – Tourist Resorts Project in Yanbu. The project consists of luxury beach style villas, spa, offices, restaurant and resort with state-of-the-art amenities. This report presents the Engineering analysis, conclusions and recommendations based on the previous geotechnical report & finite element analysis (FEA) for the Beach Club foundation. Geotechnical analysis and numerical 3D modelling & analysis have been prepared for preparing an integrated design for the foundations of the building.



Figure 4-1 Project section & Plan View

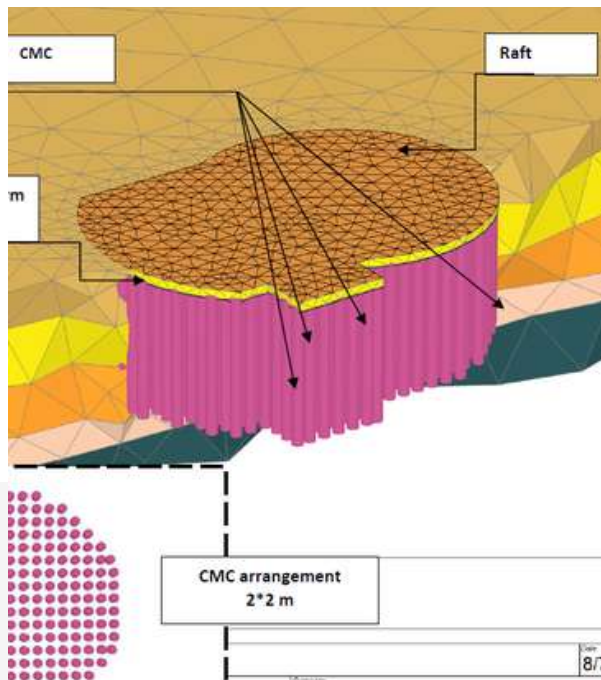
WHAT WE DID?

- Reviewing of site investigation results from previously submitted geotechnical reports.
- Reviewing of all the structural and geotechnical specifications and aspects according design code.
- Carrying out required geotechnical analysis for the structure under study based on the soil condition
- in MAB Consult. soil report.
- Foundation geotechnical design.
- Settlement check.
- Issuing this report which shall include (analysis – Design considerations – design results).



CLIENT: BAHIJ INVESTMENT
DURATION: 1 MONTH

GEOTECHNICAL FOUNDATION DESIGN



SAC has been commissioned by Baheej Investment Company to provide geotechnical engineering design services for the foundations of the development of the Beach club Project in Yanbu. This report presents the Engineering analysis, conclusions and recommendations based on the previous geotechnical report & finite element analysis (FEA) for the beach club foundation. Geotechnical analysis and numerical 3D modelling & analysis have been prepared for preparing an integrated design for the foundations of the building.



WHAT WE DID?

- Review and Analysis: Conducting a comprehensive review of geotechnical data and calculations to assess soil conditions and structural requirements.
- Geotechnical Design: Developing detailed design options for deep foundation elements, including piled raft and Controlled Modulus Columns (CMC) systems, supported by precise calculations and drawings.
- Tender Documentation

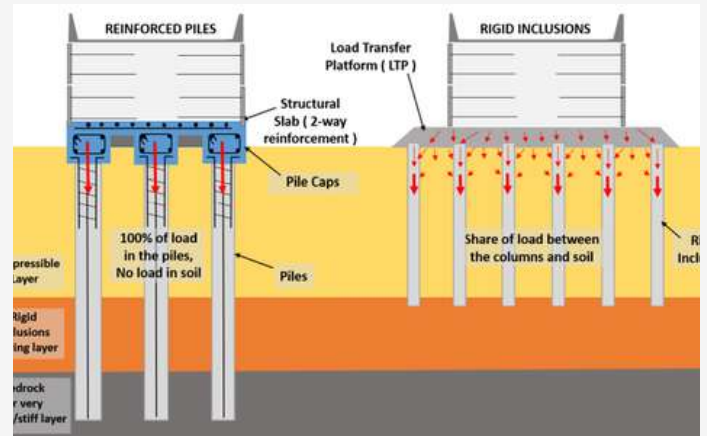


Figure 6-4 Modeling concept difference between piled raft and CMC

ROAD SAFETY ENHANCEMENT

CLIENT: INJAZ NATIONAL GENERAL ENTERPRISES LLC

DURATION: 1 MONTH

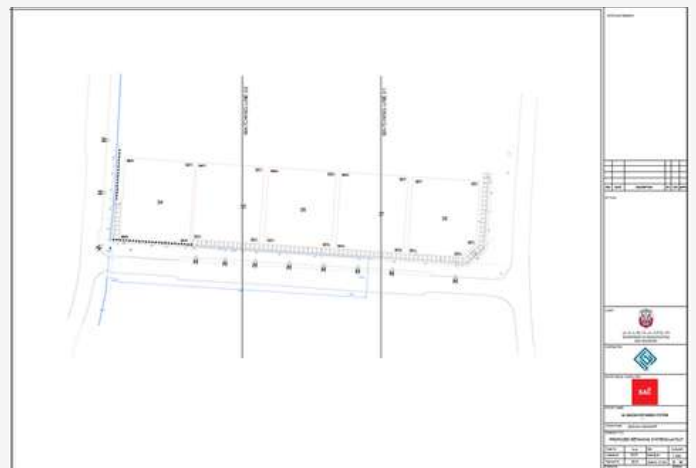
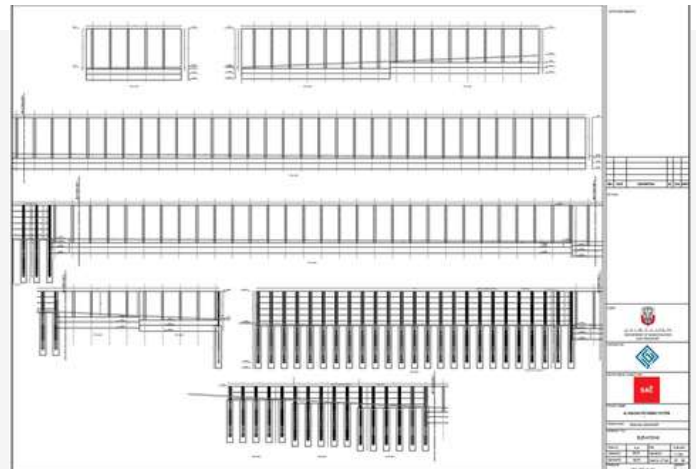
RETAINING WALL DESIGN



SAC successfully completed the "Road Safety Enhancement" project in Abu Dhabi City. The project aimed to design and implement a retaining system to protect the road infrastructure from potential hazards posed by adjacent embankments and future developments. The focus was on ensuring road stability, enhancing safety, and mitigating risks of embankment instability.

WHAT WE DID?

- SAC's scope of work involved comprehensive site studies, detailed design, and documentation. The major tasks included:
- Conducting a thorough site investigation.
- Designing an appropriate retaining system.
- Preparing detailed design drawings and technical documentation for implementation.



SEEPAGE AND STABILITY STUDY

CLIENT: **ALNASR CONTRACTING**

DURATION: **1 WEEK**

GEOPHYSICAL INVESTIGATION

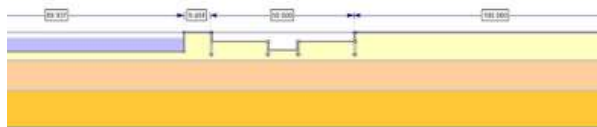


Figure 7 Conceptual Model of Section L-L

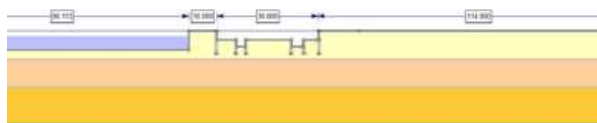


Figure 8 Conceptual Model of Section D-D

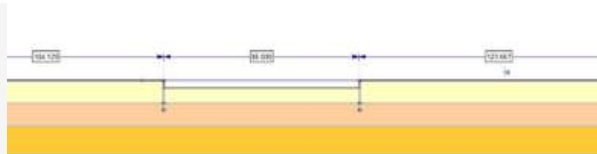


Figure 9 Conceptual Model of Section A-A

SAC was appointed to conduct a comprehensive seepage analysis for a proposed development in Jumeirah Second, Dubai. The objective of the study was to evaluate groundwater movement and assess potential seepage-related issues that could impact the foundation and structural integrity of the project.

The study culminated in the preparation of a detailed technical report that outlined geotechnical recommendations, identified construction considerations, and provided safety checks against groundwater-induced failure mechanisms.

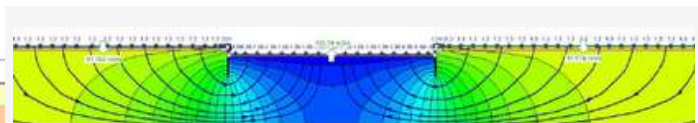


Figure 14 section A-A Seepage result

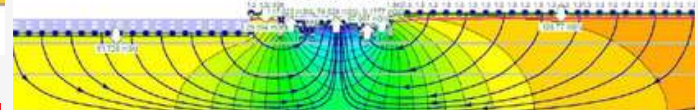


Figure 15 section D-D Seepage result

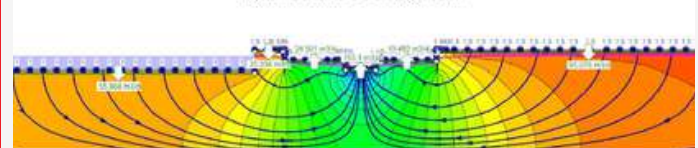
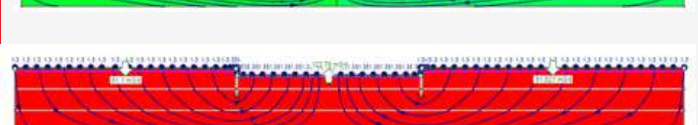
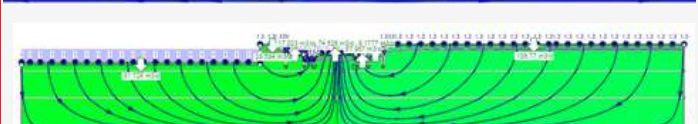
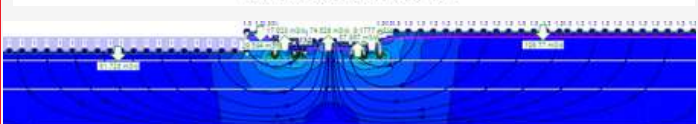


Figure 16 section L-L Seepage result



WHAT WE DID?

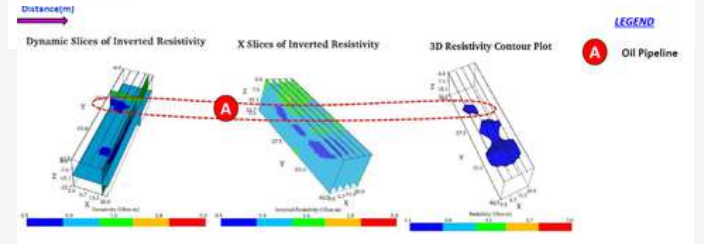
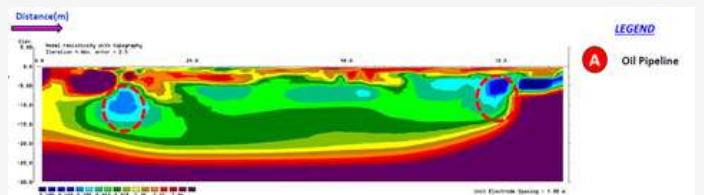
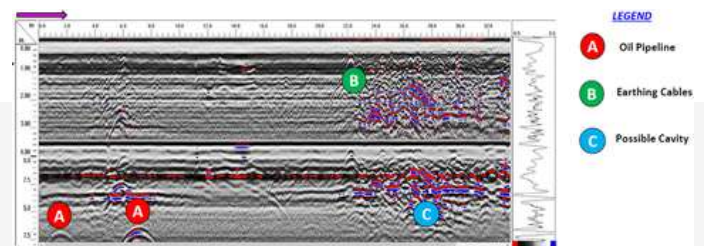
- Detailed review of available geological and geotechnical data
- Analysis of soil test results, and the performance of geotechnical and finite element modeling.
- Key concerns such as basal heave, piping, uplift, and settlement were evaluated through advanced seepage modeling and engineering analysis

CLIENT: ADNOC
DURATION: 3 DAYS

GEOPHYSICAL INVESTIGATION

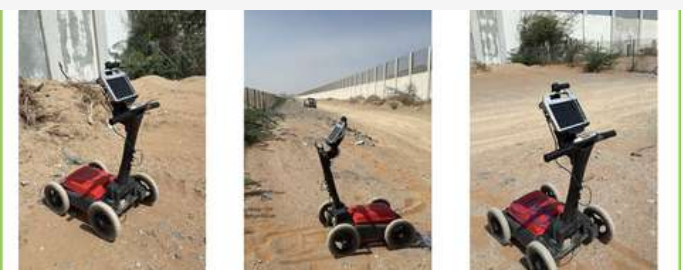


SAC was engaged to carry out geophysical investigations at the ADNOC development site in Fujairah to identify potential underground oil pipelines and ensure safe excavation. The scope included Ground Penetrating Radar (GPR) scanning, Radio Frequency (RF) pipe and cable locating, as well as MASW and ERT surveys. Data were collected along targeted profiles across the plot to provide clear subsurface insights and support safe planning of construction activities.

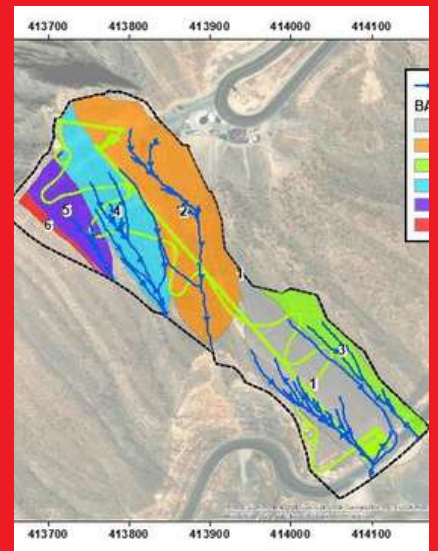
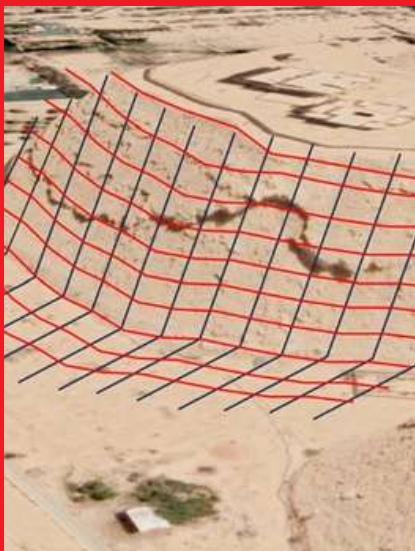
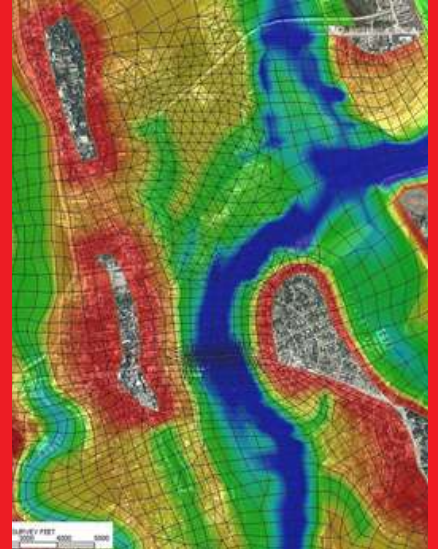


WHAT WE DID?

- Ground Penetrating Radar (GPR),
- Radio Frequency Pipe/Cable (RF) marker locators,
- Seismic MASW
- Electrical Resistivity Tomography ERT



HYDROLOGICAL ENGINEERING

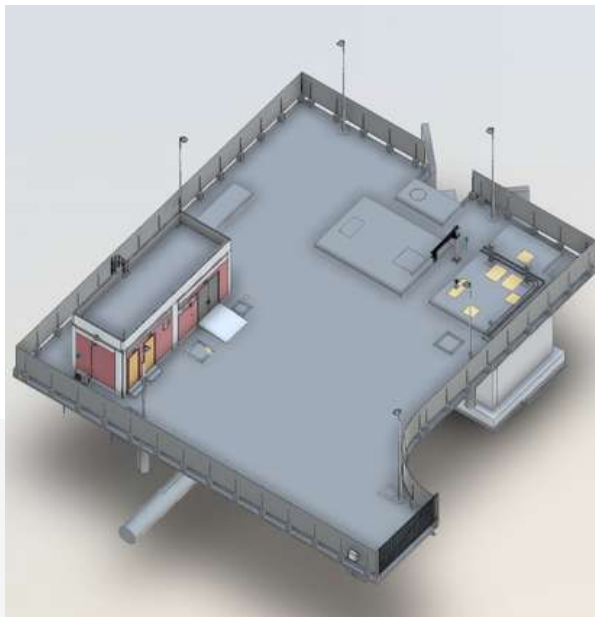


STORM WATER DESIGN & AUTHORITY APPROVAL

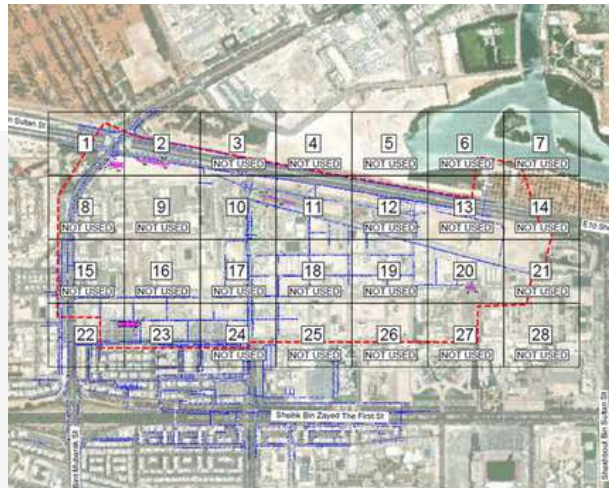
CLIENT: HYDROPOWER / (DMT)

DURATION: 3 MONTH

DMT PROJECT ENHANCEMENT OF SEA PALACE OUTFALL

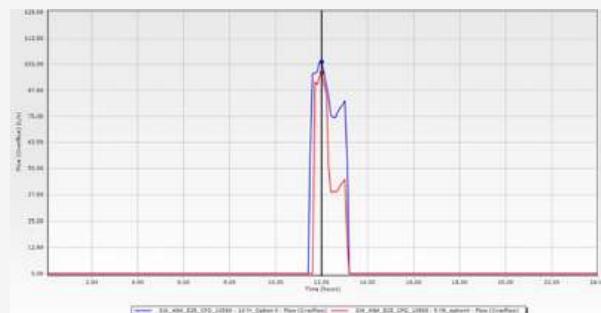


SAC is appointed to provide comprehensive stormwater design, hydraulic calculations, and full authority approvals for the Sea Palace Outfall enhancement project in the Al Nahyan/E25 catchment area, Abu Dhabi, to address flooding and replace temporary pumping with permanent solutions



WHAT WE DID?

- Design stormwater networks, outfall connection, and permanent pumping station (structural, architectural, MEP) across two streams.
- Prepare design reports, BIM models, and clash detection.
- Secure IDAS, ITC, TPD, and MEPS approvals with full coordination until final approval.



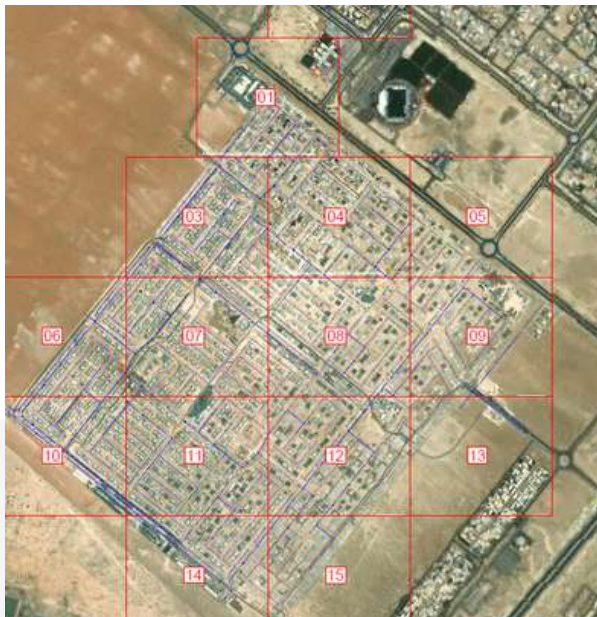


CONCEPT STORM WATER NETWORK DESIGN HOT SPOTS PROJECT

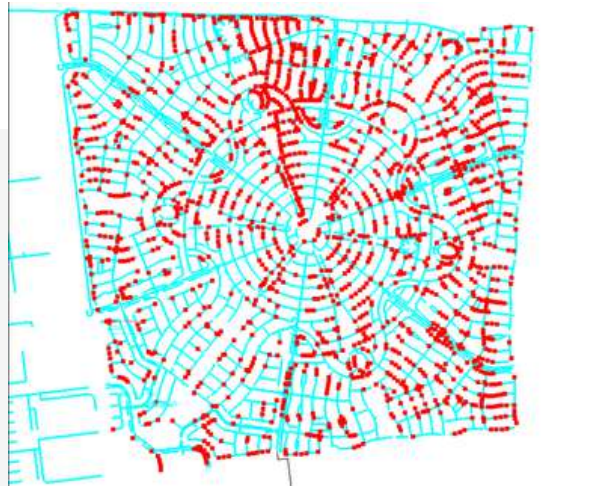
CLIENT: HYDROPOWER / (DMT)

DURATION: 3 MONTH

ABU DHABI STORMWATER HOTSPOT INVESTIGATION & REMEDIATION

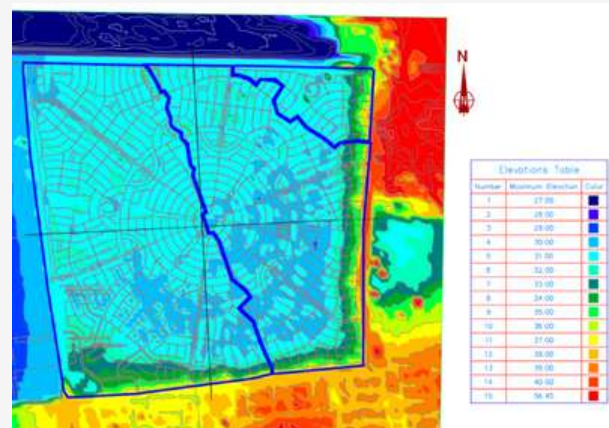


SAC is appointed to provide concept stormwater network design for identified hotspot locations in Al Shamkha and Al Falah, Abu Dhabi, to address and mitigate water accumulation issues.



WHAT WE DID?

- Develop concept design layouts and drainage routes for each hotspot location.
- Define catchment areas and provide Google Earth mapping.
- Prepare drainage solution descriptions covering civil, mechanical, and electrical scopes.
- Produce preliminary Bill of Quantities (BOQ) for each location.
- Submit concept design reports for client review and approval.



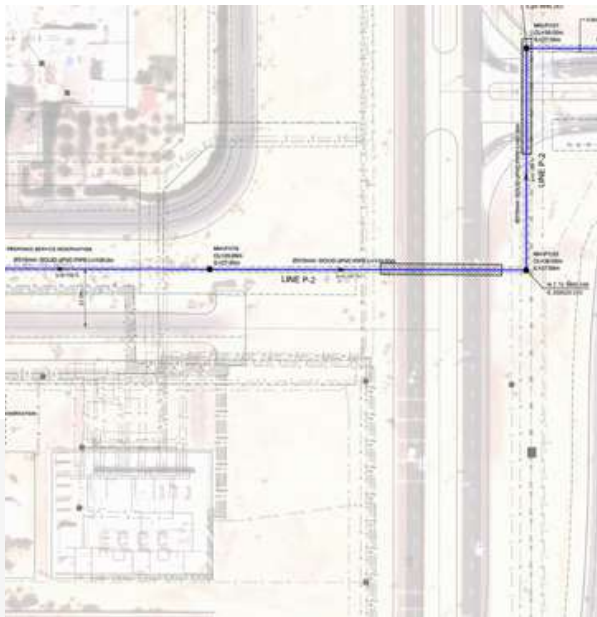


HYDROLOGICAL DESIGN, CALCULATIONS, AND AUTHORITY APPROVALS

CLIENT: HYDROPOWER / (DMT)

DURATION: 3 MONTH

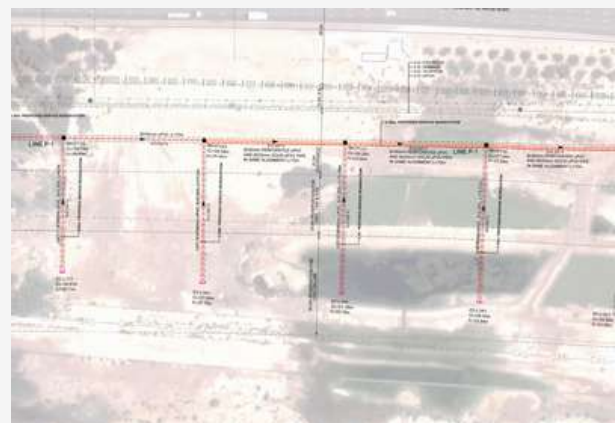
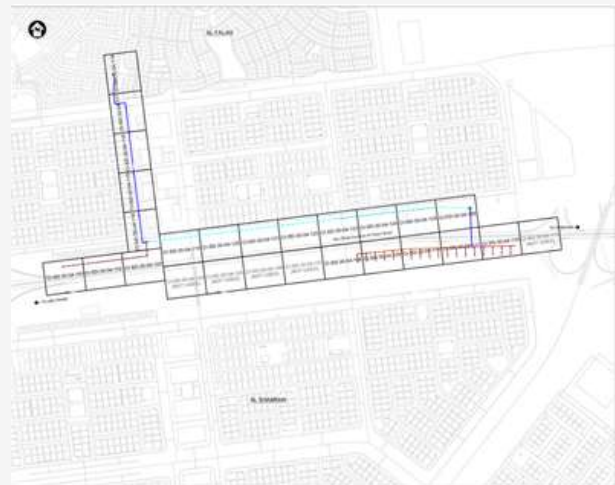
SHAMKHA LAKE – LOWERING GROUNDWATER TABLE AT THE MAINLAND (PHASE ONE)



Super Arc Consultant LLC (SAC) has been appointed by M/s Hydropower Energy & General Construction LLC to provide comprehensive engineering design services, hydraulic calculations, and authority approvals for the "SHAMKHA LAKE – LOWERING GROUNDWATER TABLE AT THE MAINLAND (PHASE ONE)" project in Sweihan, Abu Dhabi. The scope encompasses the validation of the concept design, detailed hydraulic modeling, stormwater network design, pumping station design, and full coordination with relevant authorities (IDAS, ITC, TPD, and MEPS) to secure all necessary approvals for implementation.

WHAT WE DID?

- Validate concept design and develop preliminary & detailed hydraulic models.
- Design stormwater pipelines, outfall connection, pumping station, and geocell soakaway systems.
- Prepare all design reports and engineering calculations.
- Secure IDAS, ITC, TPD, and MEPS approvals through full authority coordination.
- Provide 3D BIM modeling, clash detection, and technical support until final approval.

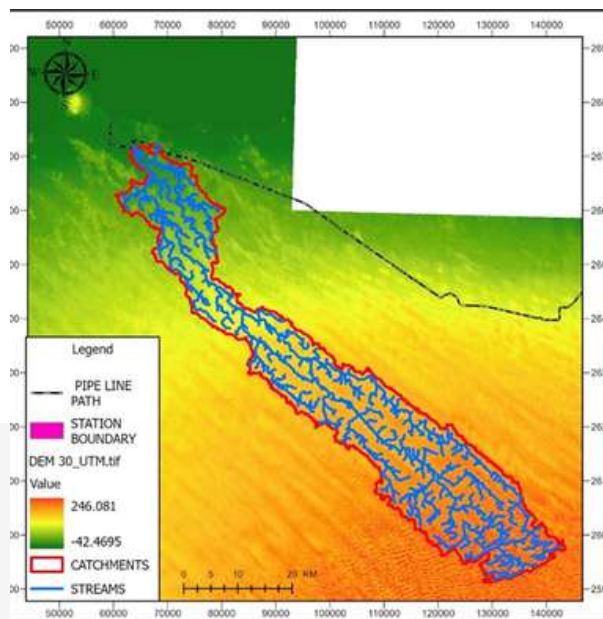


FLOOD ASSESSMENT STUDY

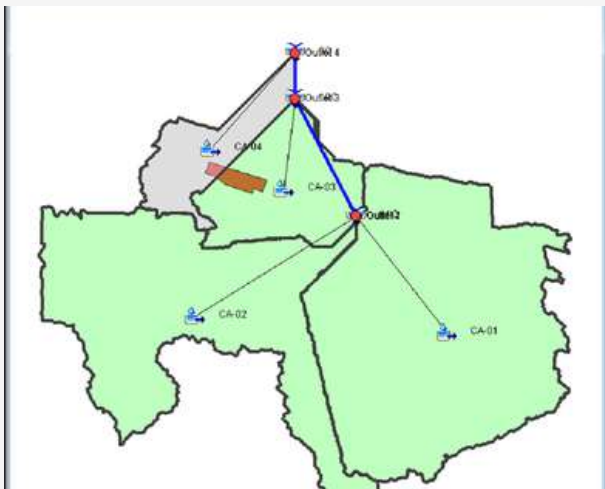
CLIENT: **ADNOC**

DURATION: **1 MONTH**

LNG TRANSMISSION PIPELINE PROJECT

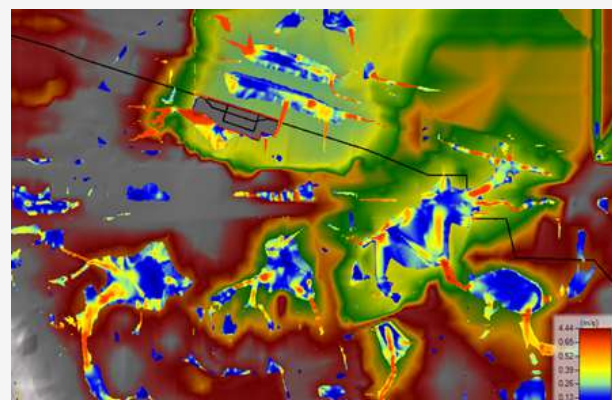


The project involved a hydrological and hydraulic flood assessment for the BVS-05 station, part of ADNOC GAS's pipeline network supplying preconditioned gas from Habshan 5 to the Ruwais LNG plant. The station is located in the Al Ruwais area, approximately 3.6 km from the Gulf. The study evaluated catchment characteristics, rainfall-runoff behavior, and flood risks affecting the station. Advanced hydrological and 2D hydraulic modeling were carried out to determine maximum flood levels. The results were used to define safe final grading levels and flood protection requirements for the station.



WHAT WE DID?

- Data Collection and Validation
- Hydrological and Geotechnical Review
- Hydrological and Geotechnical Modeling
- Developed modeling scenarios with and without the pipeline installation.
- Evaluated impacts on groundwater levels, flow patterns, and surface drainage.
- Prepared a technical report with conclusions and mitigation recommendations.



ENVIRONMENTAL IMPACT ASSESSMENT

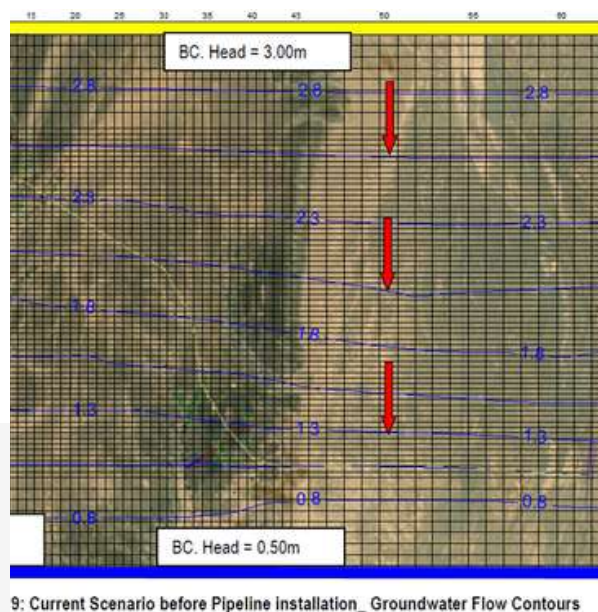


Amaala Sustainable
• COMPANY FOR ENERGY •

CLIENT: AMAALA SUSTAINABLE

DURATION: 1 MONTH

ENVIRONMENTAL IMPACT ASSESSMENT OF PIPELINE WORKS IN WADI THALBAH ZONE

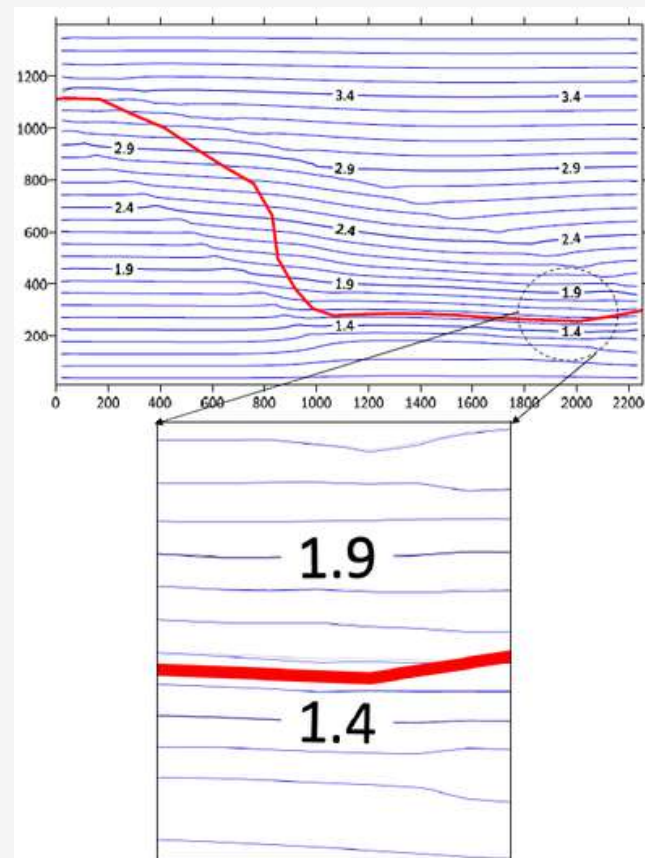


The project involved an underground pipeline crossing an environmentally sensitive wadi in a coastal development area. A hydrogeological study was conducted to assess impacts on groundwater and surface water systems.

Future conditions were evaluated with and without the pipeline, including seawater intrusion risk. The study supported environmentally compliant design and construction.

WHAT WE DID?

- Data Collection and Validation
- Hydrological and Geotechnical Review
- Hydrological and Geotechnical Modeling
- Developed modeling scenarios with and without the pipeline installation.
- Evaluated impacts on groundwater levels, flow patterns, and surface drainage.
- Prepared a technical report with conclusions and mitigation recommendations.



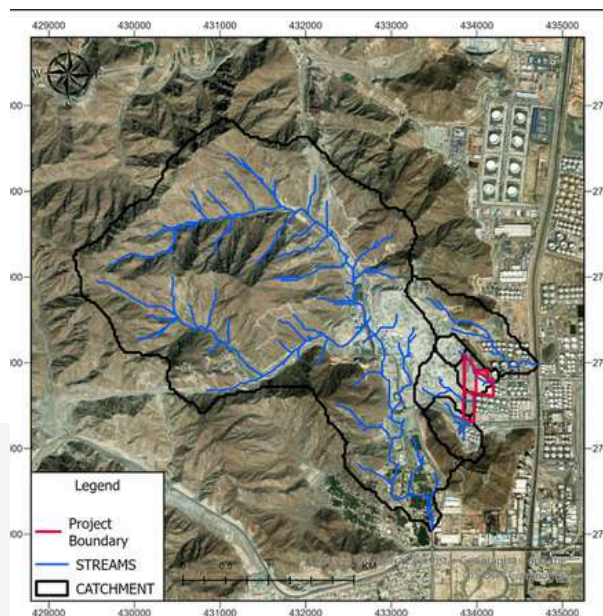
MENA TERMINAL



CLIENT: **MENA TERMINAL**

DURATION: **2 MONTH**

HYDROLOGICAL STUDY OF MENA TERMINAL FUJAIRAH



The Hydrological Study in the Fujairah Oil Industry Zone (FOIZ) Project involved a comprehensive geotechnical and hydrological investigation aimed at protecting the new development areas from flooding and heavy rainfall events in the mountainous terrain. The study focused on understanding subsurface conditions, groundwater behavior, and the associated hydrological challenges that could impact the development

WHAT WE DID?

- Data Collection and Validation
- Hydrological and Geotechnical Review
- Hydrological and Geotechnical Modeling
- Hydraulic Modeling
- Master Register of Flood Risk Areas
- Drainage System Design



CLIENT: **MUSANADA**DURATION: **4 MONTH**

HYDROLOGICAL & GEOTECHNICAL STUDY AND DRAINAGE SYSTEM DESIGN



The Al Shamkha Future School project involved a comprehensive geotechnical and hydrological study to evaluate subsurface conditions and decrease the ground water level at the project site, groundwater behavior, and associated challenges for the development. The investigation included drilling boreholes, conducting permeability tests, pumping test, geophysical surveys, and monitoring groundwater levels.

WHAT WE DID?

- Drilling 10 boreholes, conducting geotechnical and hydrological testing.
- installing piezometers to monitor groundwater levels, and performing geophysical surveys.
- The study focused on evaluating subsurface conditions, groundwater behavior, and assessing geotechnical challenges.
- Recommendations for groundwater control and drainage solutions were provided.





JEBEL JAIS SLEDDER



CLIENT: **RAK GOVERNMENT**

DURATION: **3 MONTH**

HYDROLOGICAL & HYDRAULIC ASSESSMENT AND DRAINAGE SYSTEM DESIGN



Our Hydrological & Hydraulic team at SAC undertook a comprehensive Hydrological and Hydraulic Assessment for the Jebel Jis Alpine Coaster project, ensuring the location's water dynamics were thoroughly evaluated to prevent potential flood hazards. We delivered specialized services including hydraulic design, flood risk assessments, drainage solutions, and sustainable water resource management.

WHAT WE DID?

- Conducted a comprehensive site analysis, defining project boundaries and assessing geological, geomorphic, and hydrological conditions. Identified wadi characteristics, analyzed rainfall data, and estimated hydraulic responses to determine flood risks. Proposed solutions for managing impacted wadis and provided recommendations for hydraulic design and drainage measures to ensure project safety.



DISTRICT COOLING

بروفيس
PROVIS

CLIENT: **PROVIS**

DURATION: **2 MONTH**

GEO-HYDROLOGICAL ASSESSMENT & DRAINAGE SYSTEM DESIGN



The District Cooling Plant site faced substantial operational challenges due to high water-table levels and elevated salinity. These environmental factors had a direct impact on the functionality of the chiller plant, with water infiltration observed in critical electrical trenches. The infiltrating water expanded into the low and high-voltage components, posing a threat to the plant's overall operations. SAC was commissioned to conduct a detailed geo-structural and Hydrological assessment to identify the root cause of the issues and provide actionable recommendations.

WHAT WE DID?

- Conducting destructive and non-destructive field tests.
- Performing laboratory testing to evaluate soil and water samples.
- Mapping structural distress and defects in the affected areas.
- Developing remediation strategies to counter the high water-table and salinity-related impacts.
- Drainage system Design



CONDITIONAL ASSESSMENT & STRUCTURAL ENGINEERING



STEEL SHELTER & FOUNDATION DESIGN SERVICES



CLIENT: JAZAL / ALDAR

DURATION: 4 MONTH

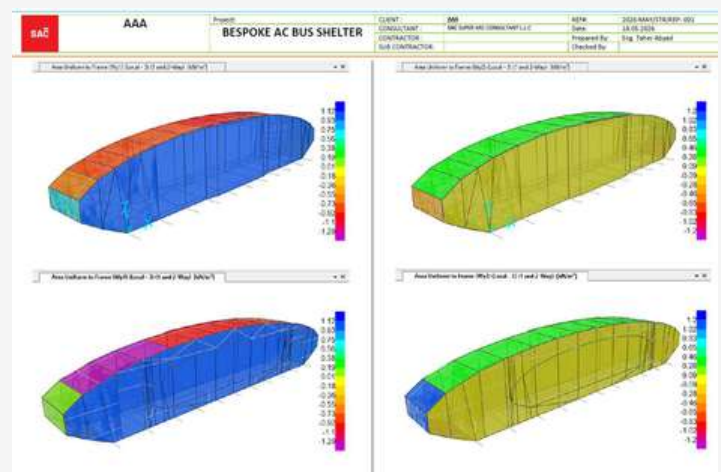
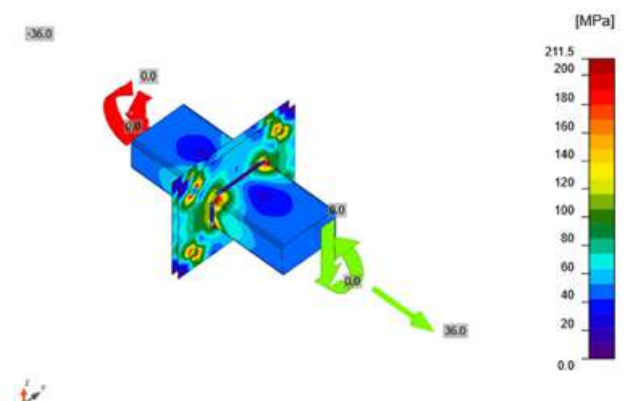
BUS SHELTER SAADIYAT ISLAND, ABUD DHABI, UAE



SAC is appointed to provide structural and foundation design services for Ten (10) steel bus shelters in compliance with Abu Dhabi Municipality requirements.

WHAT WE DID?

- Structural analysis and design of steel shelter members and connections using ETABS/STAAD Pro.
- Foundation design (shallow footings) with detailed calculations and reports.
- Prepare structural and foundation drawings for authority submission, including one revision.



NURAI ISLAND



CLIENT: **ALDAR**

DURATION: **4 MONTH**

NURAI ISLAND – FULL FACILITY CONDITION ASSESSMENT



SAC has been appointed to undertake a comprehensive, multidisciplinary Building Condition Assessment (BCA) for all operational buildings and facilities at Nurai Island, Abu Dhabi (excluding private villas). The project establishes a technically validated baseline of structural, architectural, MEP, fire & life safety, environmental, and accessibility conditions in accordance with ASTM E2018, ASHRAE 169, and NFPA 70 (NEC) standards. The scope covers approximately 60,000 m² of guest areas, back-of-house facilities, and staff accommodations.



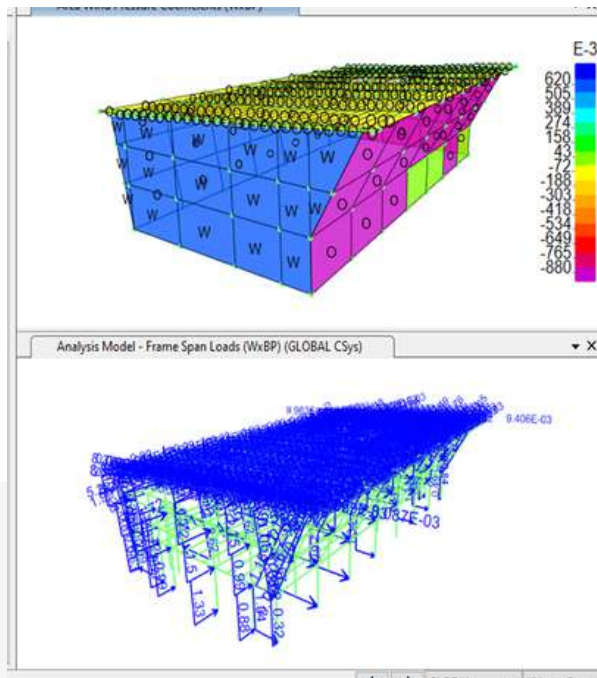
WHAT WE DID?

- Comprehensive Building Condition Assessment for all operational buildings
- Establishment of technical baseline condition of structural, architectural, MEP, fire & life safety, environmental, and accessibility systems
- Compliance with ASTM E2018, ASHRAE 169, and NFPA 70 (NEC) standards
- Combination of visual inspections and advanced Non-Destructive Testing
- Documentation of inaccessible or unsafe areas
- Support for building legalization and permit processing

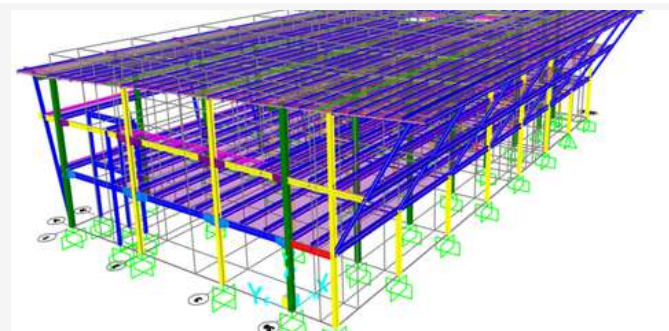


CLIENT: ALGHURAIR
DURATION: 4 MONTH

EXTREME WEATHER PREPAREDNESS ASSESSMENT

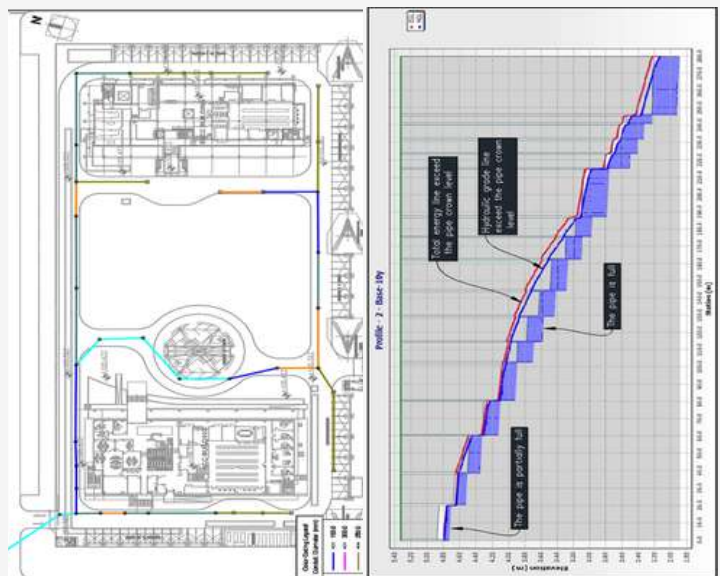


SAC was engaged by the client to assess and enhance the GCAA Complex's resilience against extreme weather and operational risks. The scope includes evaluating structural integrity, waterproofing, flood prevention, and backup systems, followed by a risk analysis and enhancement plan. The project delivered detailed reports, recommendations, and an implementation timeline.



WHAT WE DID?

- Visual inspection of the buildings
- Selection of testing locations based on visual observations.
- Structural modelling & load analysis
- Storm water network evaluation and analysis.
- Backup System Assessment
- Develop enhancement plan
- Reporting and recommendation



AL SAMMAN TOWER



CLIENT: **T3 FACILITY MANAGEMENT**

DURATION: **3 MONTH**

STRUCTURAL REHABILITATION & MEP ASSESSMENT

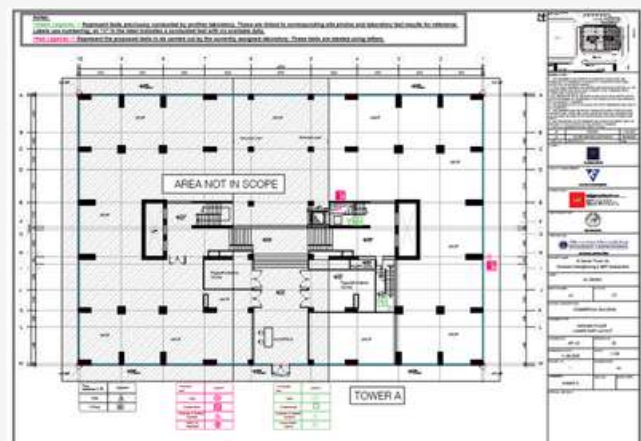


The project involved structural and MEP assessment in a high-rise, actively occupied commercial building. The critical elements include strengthening structural columns, addressing foundation issues, diagnosing and repairing MEP systems, and ensuring minimal disruption to occupants.



WHAT WE DID?

- Data Collection & Document Review
- Visual Structural & MEP Inspection
- Preparation of as built drawings
- Mapping of Defects
- Sampling & Laboratory Testing
- Structural Analysis & Design of Strengthening
- MEP Rectification Design
- Condition Assessment Report
- Tender Documentation Preparation



DIAMOND TOWER

THE
FIRST
GROUP

CLIENT: THE FIRST GROUP

DURATION: 4 MONTH

COMPREHENSIVE ASSESSMENT



SAC was engaged by The First Group to investigate significant water leakage in the basements of the Diamond Tower. The basements showed concrete deficiencies, including peeling paint, corroded steel, and spalling surfaces due to water seepage. The investigation aimed to assess the condition of the concrete and determine the root causes of these defects to propose effective repair methodologies.

WHAT WE DID?

- Visual inspection of basement floors
- Selection of testing locations based on visual observations.
- Non-destructive testing
- Destructive testing
- Evaluation of test results
- Identification of root causes and recommendation of corrective actions.



OLGANA TOWER

AirArabia
العربية للطيران

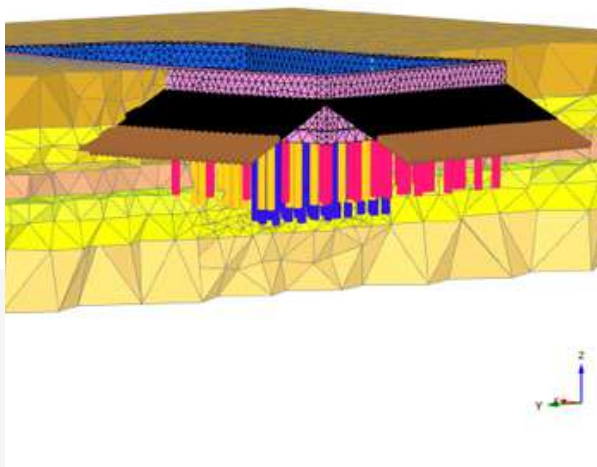
CLIENT: AIR ARABIA

DURATION: 2 MONTH

COMPREHENSIVE CONDITIONAL ASSESSMENT

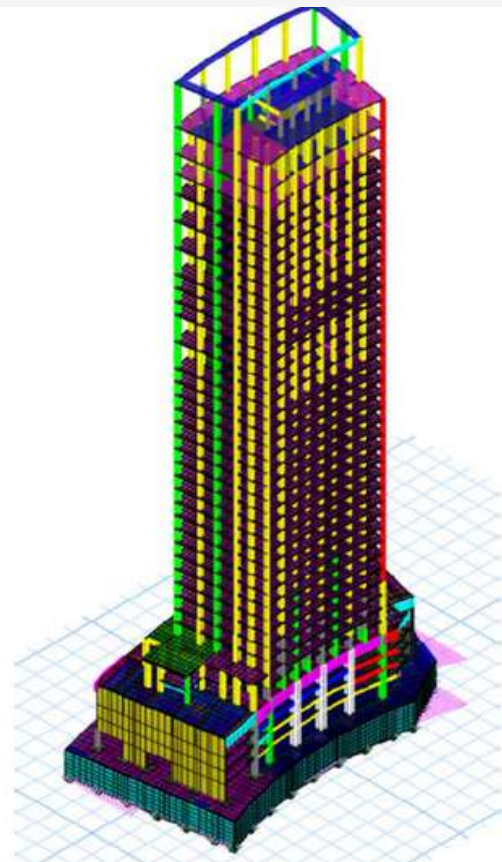
Concrete structures are susceptible to a range of defects such as cracking, spalling, delamination, corrosion, and leakage, which can arise from various factors including structural inadequacies, environmental conditions, and material deficiencies.

The scope of this project was to conduct a comprehensive inspection and assessment of the building to identify the causes of these defects, evaluate their impact on the structure, and recommend suitable remedial measures.



WHAT WE DID?

- Visual Inspection: A detailed survey of all floors and structural components
- Non-Destructive Testing (NDT)
- Destructive Testing
- Geotechnical and Structural Assessment: A detailed review of all gathered data, including test results and structural analysis, was conducted to evaluate the impact of the defects on the building's overall integrity.



AVALON TOWER



CLIENT: **THE FIRST GROUP**

DURATION: **1 MONTH**

ROOT CAUSE ANALYSIS OF SEEPAGE AND CONSTRUCTION DEFECTS



SAC was engaged to investigate and identify the root cause of persistent construction defects in the wet areas of various apartments at the building. The defects, primarily manifested as efflorescence—a crystalline salt deposit caused by water intrusion—were observed on several building surfaces. Despite previous repair attempts by the contractor, the issue of seepage reoccurred in multiple affected apartments.

WHAT WE DID?

- Conducted a visual inspection of the defected apartments, with a focus on three selected apartments for detailed analysis.
- Testing: Non-destructive (ND) and destructive testing (DT) methods
- Root Cause Analysis
- Recommendations



WATER FRONT



CLIENT: **THE FIRST GROUP**

DURATION: **1 MONTH**

ROOT CAUSE ANALYSIS OF SEEPAGE AND CONSTRUCTION DEFECTS



SAC was engaged to investigate and identify the root cause of persistent construction defects in the wet areas of various apartments at the building. The defects, primarily manifested as efflorescence—a crystalline salt deposit caused by water intrusion—were observed on several building surfaces. Despite previous repair attempts by the contractor, the issue of seepage reoccurred in multiple affected apartments.

WHAT WE DID?

- Conducted a visual inspection of the defected apartments, with a focus on three selected apartments for detailed analysis.
- Testing: Non-destructive (ND) and destructive testing (DT) methods
- Root Cause Analysis
- Recommendations



CLIENT: ADNOC

DURATION: 2 MONTH

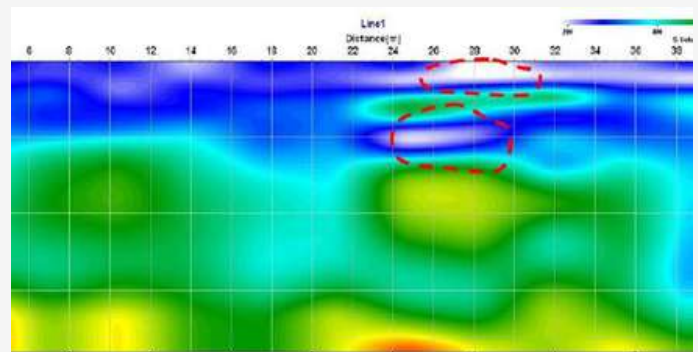
ASSESSMENT OF SOIL CONTAMINATION CAUSED BY UNDERGROUND FUEL



SAC was assigned to assess and address soil contamination caused by underground fuel leakage. The project involved a detailed evaluation of contamination levels using advanced technologies, followed by the recommendation of targeted soil treatment methods. These solutions effectively decontaminated the soil and aimed to restore the environmental balance.

WHAT WE DID?

- Reviewing of chemical analysis results from previously submitted reports .
- Reviewing of the geophysical investigation report .
- Carrying out required analysis for the area under study based on the chemical tests and geophysical survey reports.
- Issuing comprehensive report which shall include the results of the analysis as well as the recommendations for soil treatment.



SHOOTING FACILITY

CLIENT: **TWO FOUR 54**

DURATION: **1 MONTH**

STRUCTURAL ASSESSMENT



The project involves a comprehensive structural inspection and condition assessment of the Shooting Facility Twofour54, located in Khalifa Industrial City B, Abu Dhabi. The facility spans 20,000 square meters and includes various film sets such as a hospital, Tiger City, and a war-torn area. This site was built as part of an agreement between twofour54 and Yash Raj Films.

WHAT WE DID?

- Conduct destructive and non-destructive tests on structural elements.
- Perform visual inspections and map damaged areas at the facility.
- Analyze test results to identify structural anomalies and causes of deterioration.
- Provide recommendations for repairing structural defects at Shooting Facility



ASTRA POLYMERS FACTORY



AED 55,000

CLIENT: **ASTRA POLYMERS**

DURATION: **1 MONTH**

CONDITIONAL ASSESSMENT



SAC was appointed to conduct a comprehensive conditional assessment and soil improvement works for Astra Polymers Factory. The project involved a detailed review of available documentation, followed by the execution of both geotechnical and geophysical surveys to identify potential geotechnical hazards.

WHAT WE DID?

- Review available relevant documentation.
- Carry out Geotechnical & Geophysical Survey.
- Identify the Geotechnical Hazards.
- Prepare Geotechnical Assessment report, condition assessment & Design of Soil improvement works, Drawings and recommendations.
- Prepare structural survey report, test results, condition assessment & Design, Drawings and recommendations.



VILLA 12, KHALIFA CITY

CLIENT: **EAST CONSULT**

DURATION: **1 MONTH**

STRUCTURAL INSPECTION



The project involved the structural assessment and rehabilitation of a G+1 residential villa located in Khalifa City, Abu Dhabi, which included a boundary wall, guard room, electrical room, and service building. The villa's reinforced concrete structure, particularly the ground beams, boundary wall columns, and foundation beams, exhibited severe deterioration due to concrete degradation and corrosion of the steel reinforcement bars. Additionally, local tile deterioration and heaving on the first floor were observed, caused by fines in the sand layer and water leakage.

WHAT WE DID?

(SAC) was tasked with conducting both destructive and non-destructive field tests, laboratory tests, and detailed defect mapping. The primary objectives were to evaluate the structural issues and provide a comprehensive report on the causes of deterioration, along with recommendations for remedial actions.



AL RAYYANA STORM MANHOLES

بروفيس
PROVIS

CLIENT: **PROVIS**

DURATION: **1 MONTH**

ASSESSMENT OF HIGH SALINITY WATER IN STORM MANHOLES



The system network of storm water at the basement was inspected by SWS, and found that TDS values are exceeding the limits specified by SWS. Accordingly, the client (PROVIS) had requested SAC to proceed with the assessment of the stormwater network system root cause of these high salinities in the disposed water.

WHAT WE DID?

- CCTV Inspection
- Flushing and Removal of Obstructions
- Sample Collection
- Findings & Summary report
- Preparation of BOQ & Tender documents
- Tender support

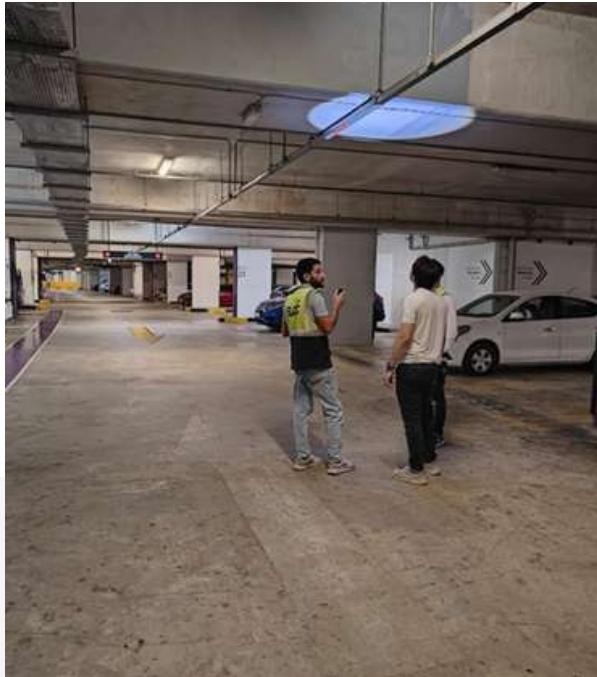


BOULEVARD CAR PARKING, EMAAR

CLIENT: **EMAAR**

DURATION: **2 MONTH**

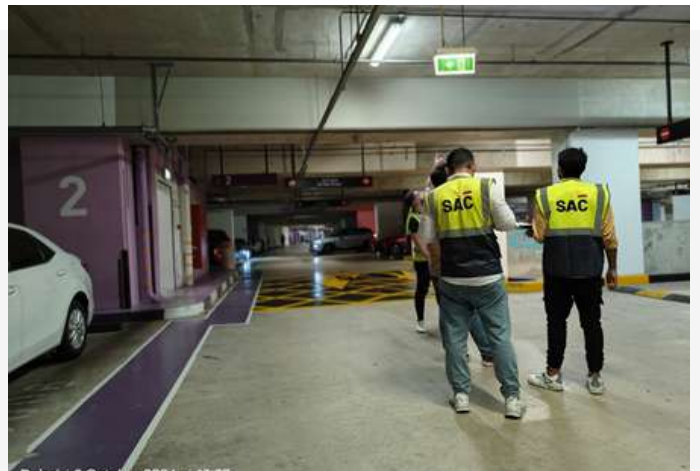
STRUCTURAL ASSESSMENT AND WATER LEAKAGE ANALYSIS



The findings of a comprehensive structural assessment and water leakage investigation conducted at the Boulevard Car Parking facility in Downtown Dubai. The study aimed to identify the root causes of water ingress, assess the structural integrity of the parking facility, and provide actionable recommendations to mitigate further deterioration. The investigation was carried out over a 60-day period, involving visual inspections, 3D scanning, destructive and non-destructive testing, and root cause analysis.

WHAT WE DID?

- Visual Inspection
- Structural 3D Scanning
- Destructive and Non-destructive Testing
- Identify the root causes of water leakage and assess structural damage
- Long-Term and Immediate Actions Recommendations



INFRASTRUCTURE ENGINEERING



AUTHORITY APPROVALS

CLIENT: JOSEPH/ADNOC

DURATION: 6 MONTH

ADNOC TOTEM SIGN INSTALLATION ABU DHABI & AL AIN (13 LOCATIONS)



SAC is appointed to secure all necessary authority approvals for the installation of ADNOC totem signs (10m & 20m) across 13 locations in Abu Dhabi and Al Ain.



WHAT WE DID?

- Obtain Design NOC, IDAS, and TPD approvals for all 13 locations.
- Prepare protection/relocation drawings and GIS drawings for TPD submissions.
- Coordinate with relevant authorities to facilitate and secure final approvals



ROADS AND INFRASTRUCTURE DESIGN



CLIENT: **ALDAR / HILALCO**

DURATION: **6 MONTH**

CULTURAL DISTRICT PACKAGES 1E, SBC01 ROAD ENHANCEMENTS (AD 597) & ROAD MODIFICATION



The project involved road improvement and widening works within Saadiyat Island under Cultural District Package 1E. The scope included widening existing roads from 1x1 lanes to 2x2 lanes, as well as relocating, protecting, and coordinating existing wet and dry utilities.

The roads covered in this package included:

- Shati Al Saadiyat Street – approximately 1.5 km
- Al Tilal Street – approximately 2.0 km
- Al Jouri Street – approximately 400 m

WHAT WE DID?

- Detailed design of roads, street lighting, ground improvement, landscaping, and stormwater management.
- BIM Modelling LOD300
- Obtaining necessary NOC approvals from all relevant authorities.
- Securing town planning approvals.
- ITC approvals.
- MCC approvals.
- Supervision of all site activities.



INFRASTRUCTURE DESIGN SERVICES



ديوان الرئاسة
PRESIDENTIAL COURT

CLIENT: PRESIDENTIAL COURT // AL BAYAN CONSULTANTS

DURATION: 4 MONTH

INFRASTRUCTURE DESIGN SERVICES FOR RESIDENTIAL VILLAS COMPOUND

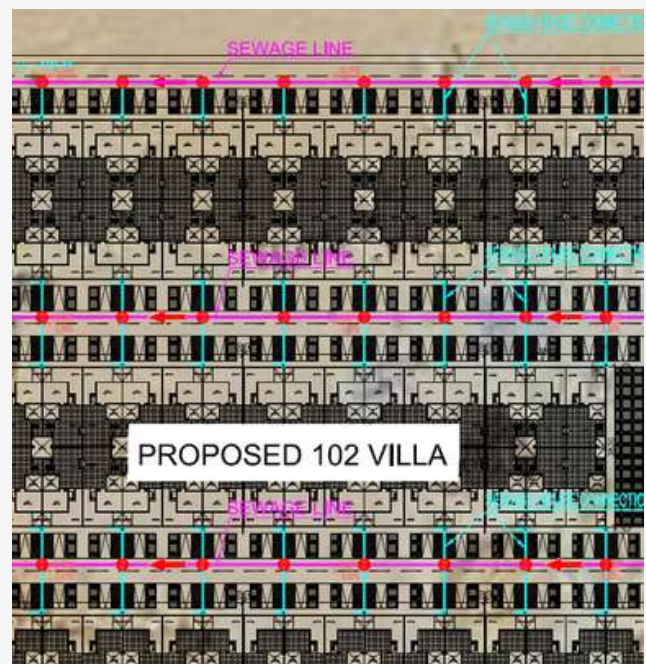


The services include the design, coordination, and supervision of all infrastructure components for the residential villa compound.

This covers roads, sidewalks, street lighting, concrete structures (such as substations and sewage tanks), stormwater drainage, potable water, power distribution, civil defense systems, irrigation, traffic signage and road marking, protection/diversion of existing utilities (if any), preparation of tender documents, assistance in bid evaluation, coordination with authorities for approvals, and supervision of construction works

WHAT WE DID?

- Concept Design
- Preliminary Design
- Detailed Design :Combined Stages 1/2
RSA - Obtaining ITS approval,
- > Preparation of Detailed Road Design
- > Preparation of Wet and Dry Utilities as per the Project Deliverables
- > Obtain Design Approval from Client and relevant authorities for the Detailed Design
- > Obtain Town Planning Approvals and Design NOCs



AL YASMINA JUNCTION



CLIENT: **ALDAR / HILALCO**

DURATION: **6 MONTH**

ROADS DESIGN AND SUPERVISION



Despite being a relatively small-scale project, the Al Yasmina School Junction Modification presented unique challenges, including a tight timeline, space constraints, and a diverse range of activities. The project scope included:

- Exposing, relocating, and protecting existing utilities.
- Ground improvement.
- New road construction.
- Overlaying existing roads.

WHAT WE DID?

- Detailed design of roads, street lighting, ground improvement, landscaping, and stormwater management.
- Obtaining necessary NOC approvals from all relevant authorities.
- Securing town planning approvals.
- ITC approvals.
- MCC approvals.
- Supervision of all site activities.



ENHANCEMENT OF IP552 RIGHT TURN



CLIENT: **ALDAR PROJECTS / HILALCO**

DURATION: **4 MONTH**

ROADS DESIGN AND SUPERVISION



The project's objective is to create infrastructure design works as follows:

- Implementation of free right turn towards over bridge in place of signalized right turn to facilitate the movement of traffic and minimize any backlogs
- Modifying the central median noses and chamfering on side of the junction to better facilitate double left turn traffic movements
- Total approximate surface area of the affected roadworks to be modified is 600 m²



WHAT WE DID?

- Concept Design
- Preliminary Design
- Detailed Design :Combined Stages 1/2 RSA – Obtaining ITS approval,
- Preparation of Detailed Road Design
- Preparation of Wet and Dry Utilities as per the Project Deliverables
- Obtain Design Approval from Client and relevant authorities for the Detailed Design
- Obtain Town Planning Approvals and Design NOCs



WALKTHROUGH AND PARKING AREA

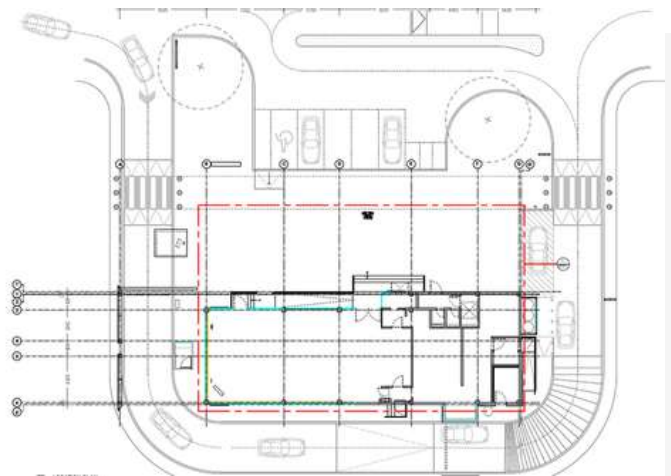
CLIENT: **INDEPENDANT**

DURATION: **3 MONTH**

ROADS DESIGN & INFRASTRUCTURE AUTHORITIES APPROVAL

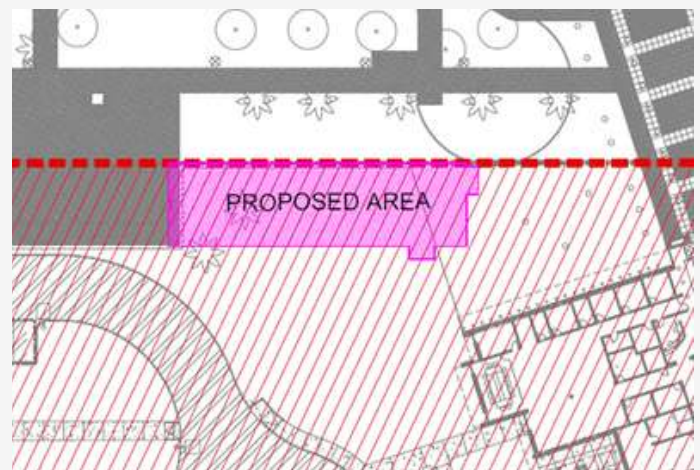


The project's objective is to create infrastructure design works to facilitate the movement of traffic and minimize any backlogs for the SALT Restaurant located in Abu Dhabi



WHAT WE DID?

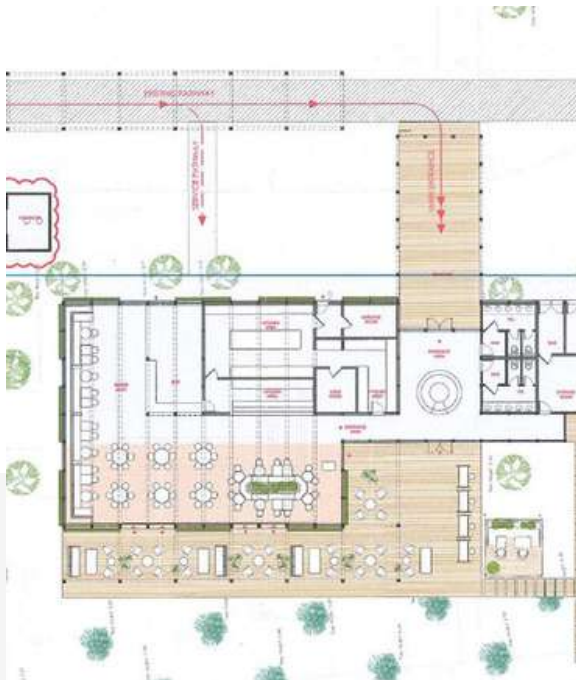
- Concept Design
- Preliminary Design
- Detailed Design :Combined Stages 1/2
RSA – Obtaining ITS approval,
- > Preparation of Detailed Road Design
- > Preparation of Wet and Dry Utilities as per the Project Deliverables
- > Obtain Design Approval from Client and relevant authorities for the Detailed Design
- > Obtain Town Planning Approvals and Design NOCs



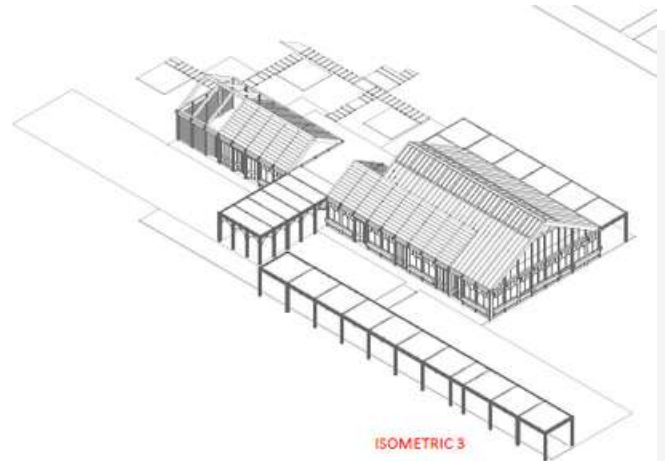
PARKER UMM AL EMARAT PARK

CLIENT: INDEPENDANT**DURATION: 2 MONTH**

DESIGN & AUTHORITY APPROVAL FOR OUTDOOR PERGOLA (PEDESTRIAN PATHWAY & SERVICE PATHWAY)



The project involved the engineering design and approval process for an outdoor pergola at Umm Al Emarat Park. The pergola was designed to cover the pedestrian and service pathways, enhancing comfort and functionality. Super Arc Consultant LLC (SAC) provided complete design services and obtained the necessary IDAS and TPD approvals for the installation.



WHAT WE DID?

- Conducted site visits and assessed existing pedestrian and service pathways to ensure pergola placement avoids conflicts with utilities.
- Developed architectural and structural designs for the pergola, compliant with Abu Dhabi standards and integrated with pathway levels and accessibility requirements.
- Managed authority approvals, including IDAS submission and revisions, obtaining NOCs from relevant authorities, and securing TPD clearance.
- Delivered architectural and structural drawings, calculations, submission packages, and final authority approval



NAREEL ISLAND – AUH

CLIENT: **ALDAR / FARNEK**

DURATION: **1 MONTH**

TRAFFIC SIGNAGE AND ROAD MARKING ENHANCEMENT ALONG MAIN ROAD

 بلدية مدينة أبوظبي ABU DHABI CITY MUNICIPALITY	
CLIENT:  ALDAR	Aldar Properties PJSC P. O. Box 51133 Abu Dhabi United Arab Emirates
CLIENT REPRESENTATIVE:  استيكو asteco	
FACILITY MANGEMENT:  FARNEK	
CONSULTANT:  SAC	SUPER ARC CONSULTANT L.L.C ADDRESS: Abu Dhabi P.O. Box: 41475 MOBILE: +971 55 25 92 001 EMAIL: info@superarc.net WEB-SITE: www.superarc.net
PROJECT TITLE: CONSULTATION OF TRAFFIC MANGEMENT	

The project involved implementing traffic management enhancement measures across Nareel Island's internal road network. The initiative addressed deficiencies in traffic control devices, optimized vehicular circulation, improved roundabout safety, and upgraded pedestrian facilities. The design was based on a detailed review of existing traffic conditions, site observations, and compliance with DMT and Aldar FM guidelines.



WHAT WE DID?

- Reviewed existing traffic conditions and conducted detailed site assessments.
- Upgraded traffic control devices and optimized vehicular circulation.
- Improved safety at roundabouts and intersections.
- Enhanced pedestrian facilities to meet contemporary standards.
- Prepared design plans in compliance with DMT and Aldar FM guidelines.

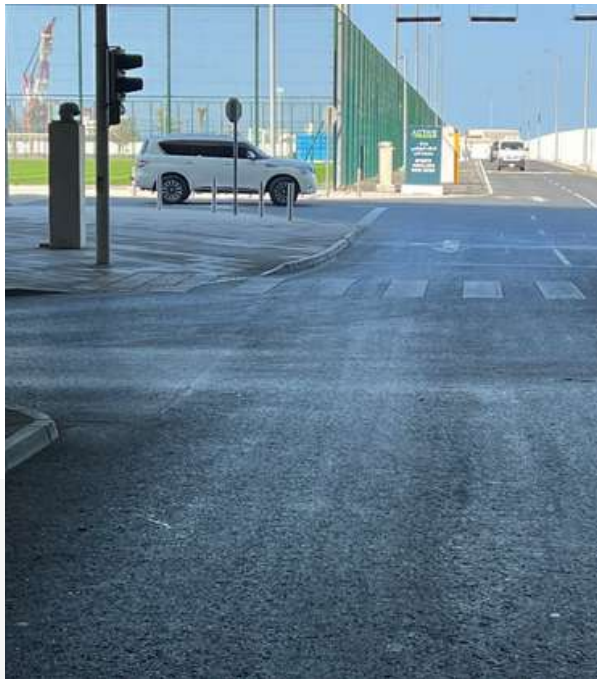
AMI ROADS ENHANCEMENTS D&B



CLIENT: **MUBADALA**

DURATION: **4 MONTH**

ROADS DESIGN & INFRASTRUCTURE AUTHORITIES APPROVAL

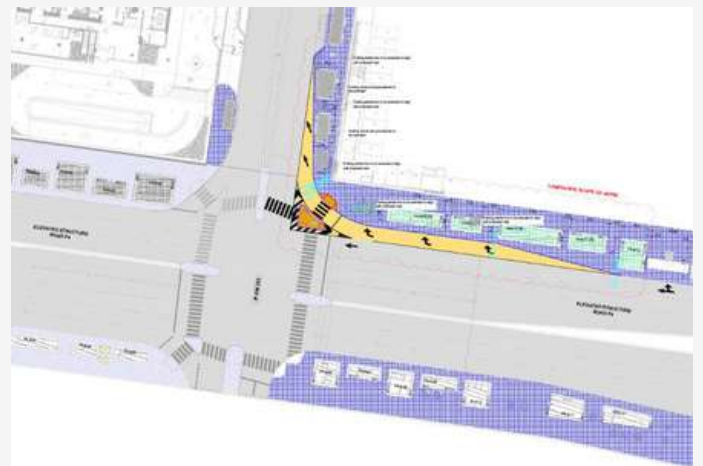


The project's objective is to create infrastructure design works to facilitate the movement of traffic and minimize any backlogs



WHAT WE DID?

- Concept Design
- Preliminary Design
- Detailed Design :Combined Stages 1/2
RSA – Obtaining ITS approval,
 - Preparation of Detailed Road Design
 - Preparation of Wet and Dry Utilities as per the Project Deliverables
 - Obtain Design Approval from Client and relevant authorities for the Detailed Design
 - Obtain Town Planning Approvals and Design NOCs



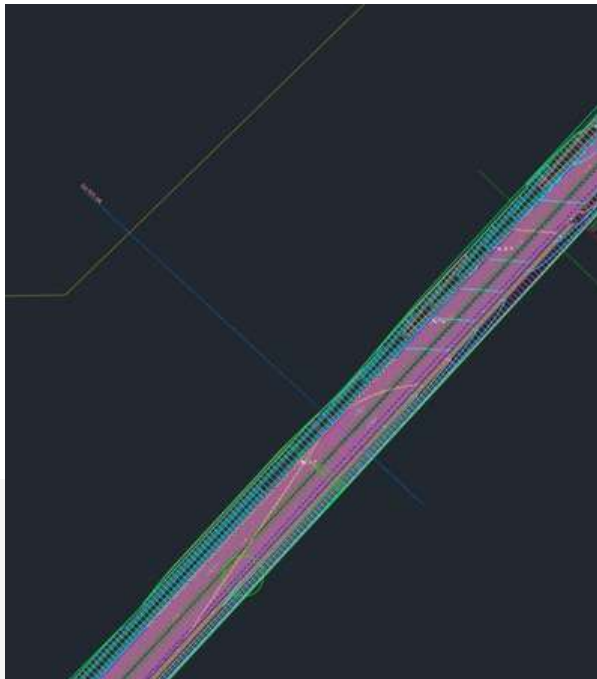
ROADS & INFRASTRUCTURE DESIGN



CLIENT: WALKTHRU CONTRACTING

DURATION: 3 MONTH

INFRASTRUCTURE ROAD DESIGN



The project's objective is to create infrastructure design works for a VIP Villa as follows

Road Design Drawings: General Plan, General Arrangement

Grading Plan (Road Profiles)

Pavement Marking and Signage Plan

Section Marker Plan and Sections

Pavement and Curb Details

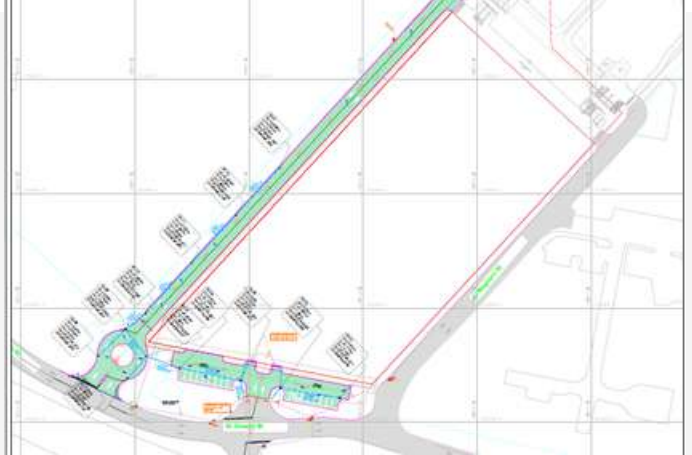
Pavement Marking and Signage Details

Pavement Design

Utility Design and Details:

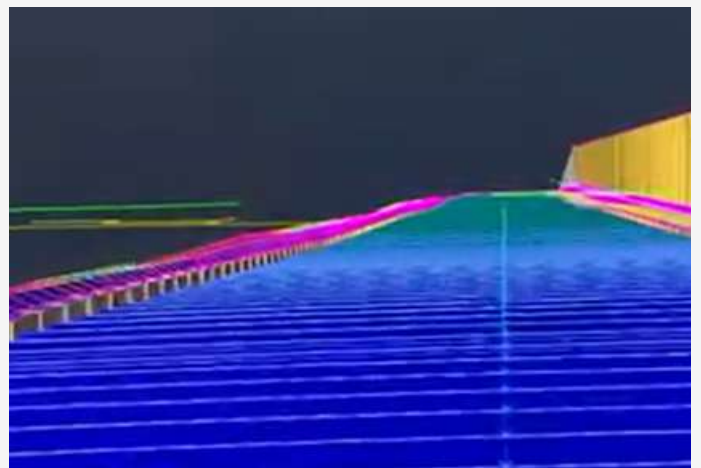
Wet Utilities: Storm Water Layout and Detail Drawings

Dry Utilities: Street Lighting Layout, SLD and Pole Details



WHAT WE DID?

- Data Collection and Coordination
- Concept Design
- Preliminary Design
- Detailed Design
- IFC Drawings
- Authority Approval



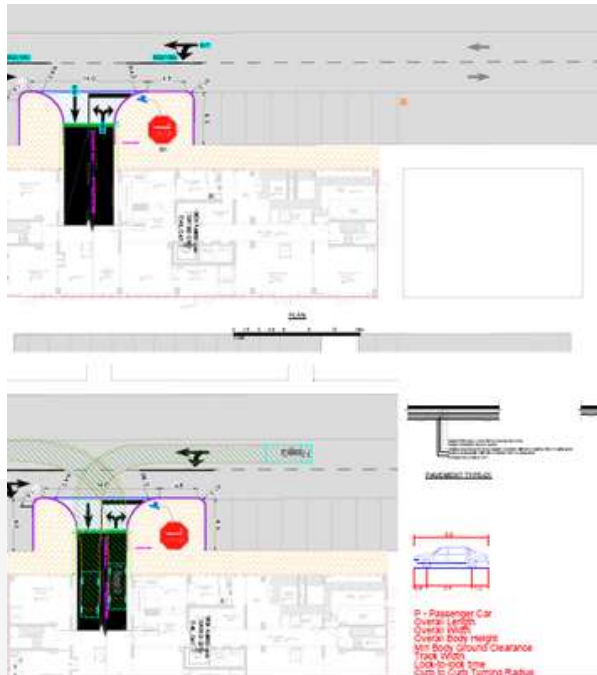
IDAS APPROVAL



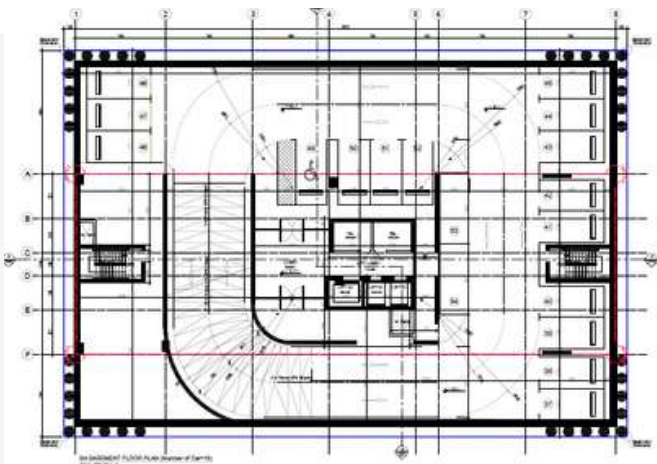
CLIENT: **AL BAYAN**

DURATION: **1 MONTH**

IDAS APPROVAL FOR PLOT ENTRANCES

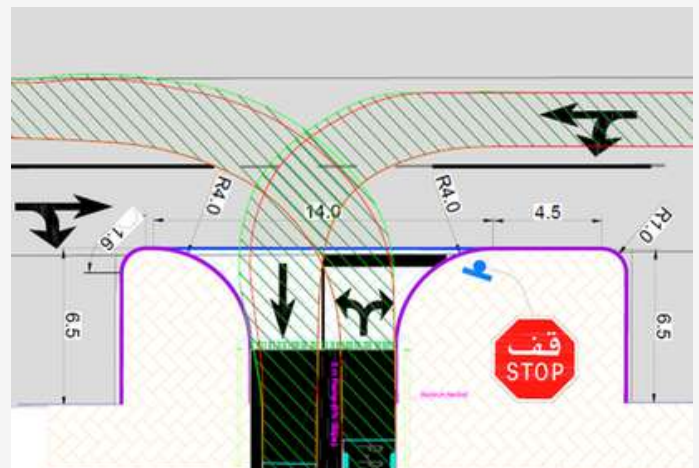


SAC was assigned to Obtain IDAS Approval for the Plot entrances



WHAT WE DID?

- IDAS approval, Preparation of designs and drawings for geometry, pavement, grading, drainage and traffic signs and road marking.





PRIVATE ASPHALT ROAD

CLIENT: **EAGLE HILLS**

DURATION: **1 MONTH**

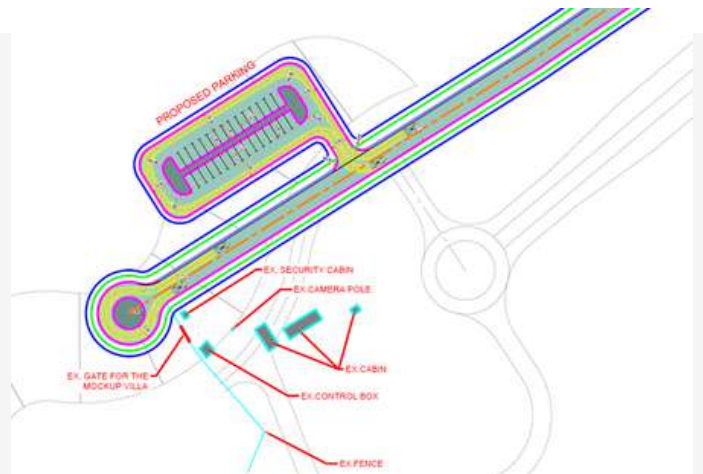
ACCESS ROAD DESIGN FOR MOCK-UP VILLAS



SAC was assigned to design a new access road from the causeway to the mock-up villas, featuring four stacking lanes, a merging area, and a roundabout for smooth traffic flow. The project includes a stormwater management system, solar-powered street lighting, utility ducts for future installations, and flushing pipes for sewage and water systems, all constructed from the Original Ground Level (OGL) to ensure efficient drainage and accessibility.

WHAT WE DID?

- Design of a new access road from the causeway to the mock-up villas.
- Design of four stacking lanes
- Design of a merging area for traffic transition.
- Design of a parking area for 30 cars.
- Design of a roundabout for traffic flow.
- Design of road signage and markings.
- Design of stormwater management solutions
- Design and installation of solar-powered street lighting.
- Design of utility ducts for electrical and irrigation systems.
- Design of flushing pipes



MARINE ENGINEERING



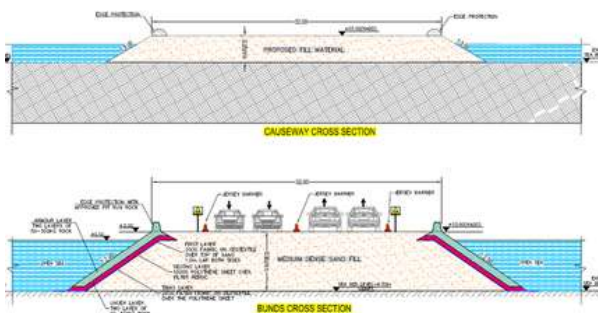
AL HUDAYRIYAT ISLAND (WEST)



CLIENT: **NAEL BIN HARMAL**

DURATION: **1 MONTH**

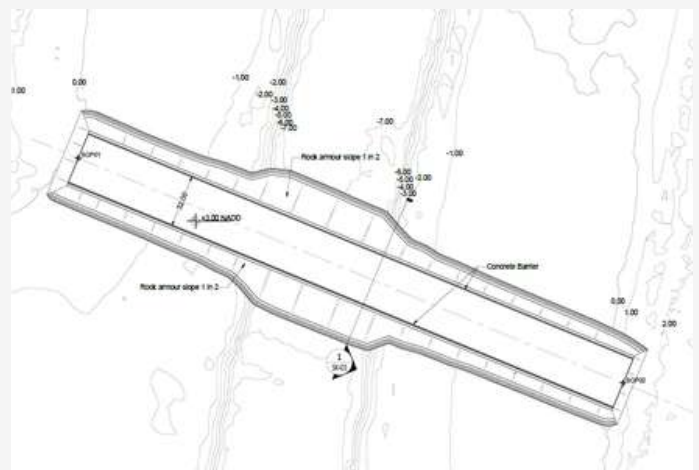
THIRD PARTY DESIGN VERIFICATION FOR CAUSEWAY & BUND WORKS



SAC was assigned as the third-party design verifier for the proposed causeway and cofferdam bund works. Their role includes independent verification of the contractor's design to ensure compliance with engineering standards, project specifications, and authority requirements.

WHAT WE DID?

- Review and verification of the causeway, bund, and cofferdam designs.
- Assessment of slope stability, fill material suitability, and future dewatering provisions.
- Review of environmental protection measures and harbor master compliance.
- Verification of design submissions required for approvals and permits.
- Issuance of a Design Verification Report confirming safety, adequacy, and compliance.



ARCHITECTURAL ENGINEERING



RESIDENTIAL VILLA COMPLEX 48 VILLAS



CLIENT: OHANA REAL ESTATE DEVELOPMENT / IMKAN

DURATION: 3 YEARS

RESIDENTIAL VILLAS COMPLEX DESIGN & SUPERIVSION



SAC, acting as the main consultant, successfully delivered a full-package consultancy for the design and supervision of a development project consisting of 48 Villas. This encompassed a wide range of services including permitting, architectural design, structural engineering, MEP (Mechanical, Electrical, and Plumbing) design, Civil Defense compliance, and Estidama sustainable design. The project was executed seamlessly, reflecting our dedication to excellence and innovation in delivering exceptional design solutions.



WHAT WE DID?

- Permitting
- Architectural Design
- Structural Design
- MEP design
- Civil Defense
- Estidama Designs
- Supervision

RESIDENTIAL VILLA

CLIENT: **HAZZA AL AMERI**

DURATION: **2 MONTH**

PRIVATE RESIDENTIAL VILLA DESIGN & SUPERIVSION



SAC, acting as the main consultant, successfully delivered a full-package consultancy for the design and supervision of a Private Villa. This encompassed a wide range of services including permitting, architectural design, structural engineering, MEP (Mechanical, Electrical, and Plumbing) design, Civil Defense compliance, and Estidama sustainable design. The project was executed seamlessly, reflecting our dedication to excellence and innovation in delivering exceptional design solutions.

WHAT WE DID?

- Permiting
- Architectural Design
- Structural Design
- MEP design
- Civil Defense
- Estidama Designs
- Supervision



AL REEMAN, G+5 RESIDENTIAL BUILDING

CLIENT: JADARA HOME FOR REAL ESTATE DEVELOPMENT

DURATION: ONGOING

PROJECT MANAGEMENT CONSULTANCY



SAC successfully delivered client representative services for the G+5 residential building project in Downtown Shamkha, Abu Dhabi. Appointed by Jadara Home for Real Estate Development, SAC provided comprehensive guidance, management, and oversight throughout the design and permitting phases. Our goal was to ensure the project's timely and successful completion, meeting regulatory standards and client expectations.



WHAT WE DID?

- SAC ensured the G+5 residential building project in Downtown Shamkha met all design, regulatory, and client requirements. By effectively managing the design and permitting processes, SAC facilitated the smooth progression of the project, maintaining high standards of quality and delivering value to the client.

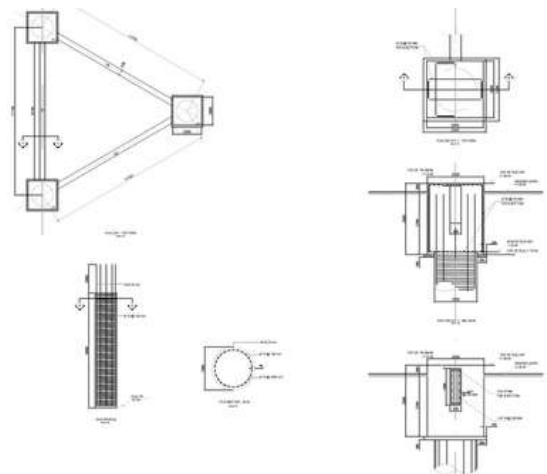


CLIENT: **ALBABTAIN LE BLANC / ETISALAT & DU**DURATION: **ONGOING**

TELECOMMUNICATION TOWER DESIGN

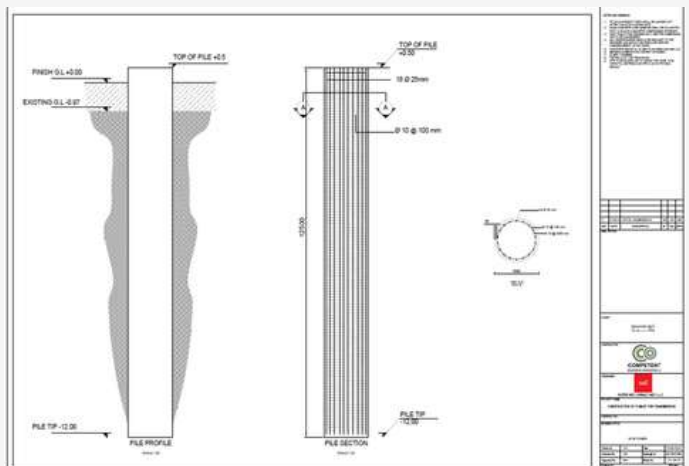


Since 2019, Super Arc Consultant LLC (SAC) has been entrusted by leading telecommunication contractors to provide specialized services for the design of foundations, supervision of civil works, technical support, and permitting for the construction of hundreds of GSM towers and monopoles across the UAE. SAC's role in this ongoing project, carried out for major telecom operators Etisalat and DU, spans a wide range of locations, ensuring the successful deployment of telecom infrastructure in both urban and remote areas.



WHAT WE DID?

- Detailed engineering analysis and design of robust foundations for GSM towers and monopoles, considering soil conditions, wind loads, and the structural requirements of each site.
- Production of comprehensive design reports, technical drawings, and specifications tailored to the unique needs of each tower and location.
- Optimization of foundation designs for cost-effectiveness and longevity, while adhering to local building codes and industry best practices.



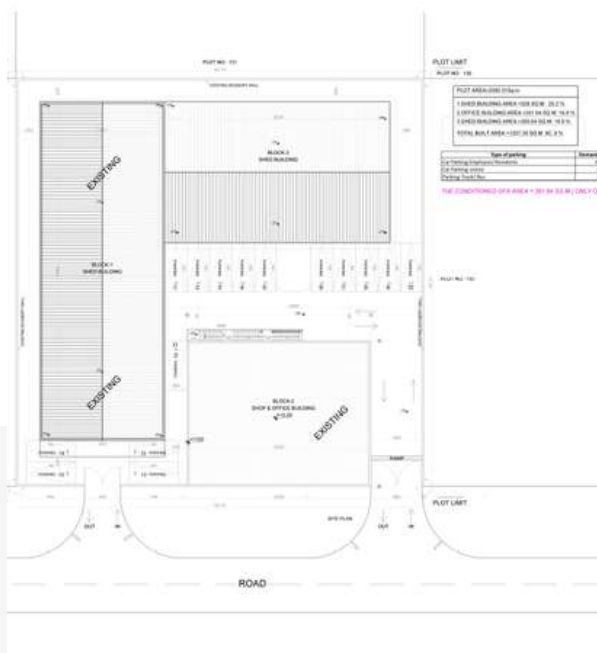
ALMAMOUN WELDING WAREHOUSE



CLIENT: **ALMAMOUN WELDING**

DURATION: **3 MONTH**

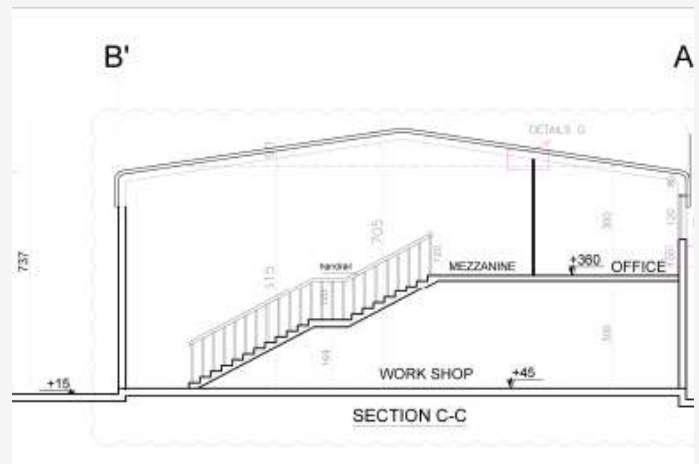
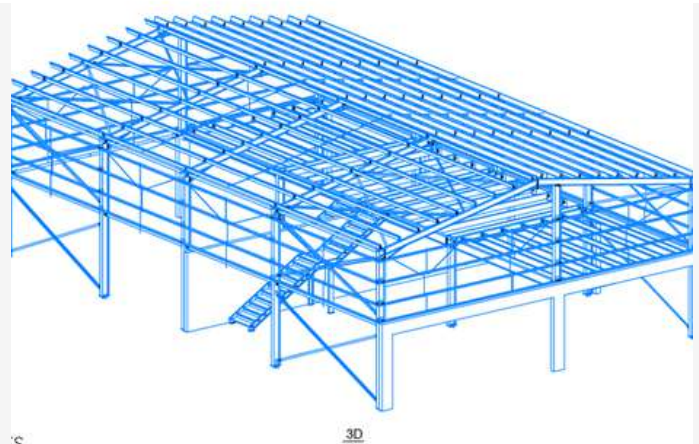
INDUSTRIAL WAREHOUSE DESIGN & PERMITTING



SAC, acting as the main consultant, successfully delivered a full-package consultancy for the design and supervision of a Industrial warehouse in Musaffah, Abu Dhabi. This encompassed many services including permitting, architectural design, structural engineering, MEP (Mechanical, Electrical, and Plumbing) design, Civil Defense compliance. The project was executed seamlessly, reflecting our dedication to excellence and innovation in delivering exceptional design solutions.

WHAT WE DID?

- Permitting
- Architectural Design
- Structural Design
- MEP design
- Civil Defense
- Estidama Designs
- Supervision



CK BETON READY MIX CONCRETE PLANT



CLIENT: **CK BETON**

DURATION: **3 MONTH**

DESIGN OF READY MIX CONCRETE PLANT



SAC, acting as the main consultant, successfully delivered a full-package consultancy for the design and supervision of a Ready mix concrete plant in Al Faya Industrial area. This encompassed many services including permitting, architectural design, structural engineering, MEP (Mechanical, Electrical, and Plumbing) design, Civil Defense compliance. The project was executed seamlessly, reflecting our dedication to excellence and innovation in delivering exceptional design solutions.



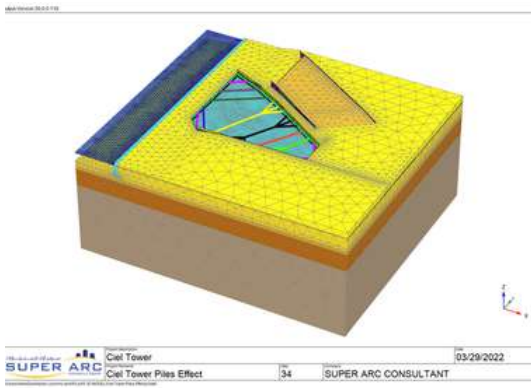
WHAT WE DID?

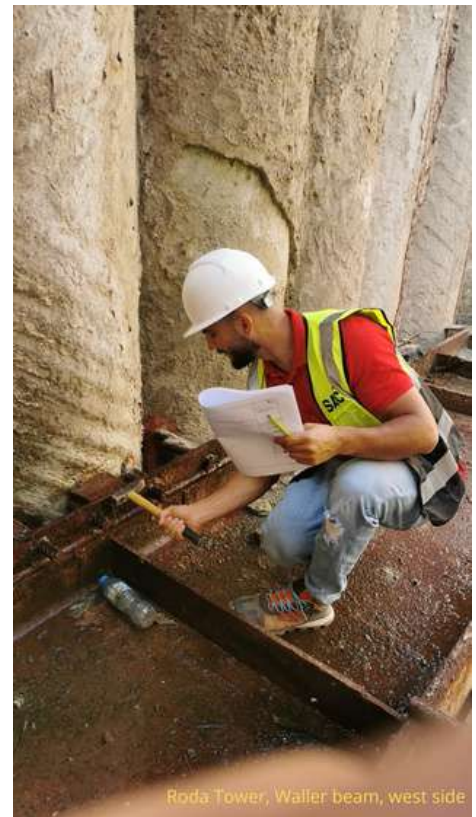
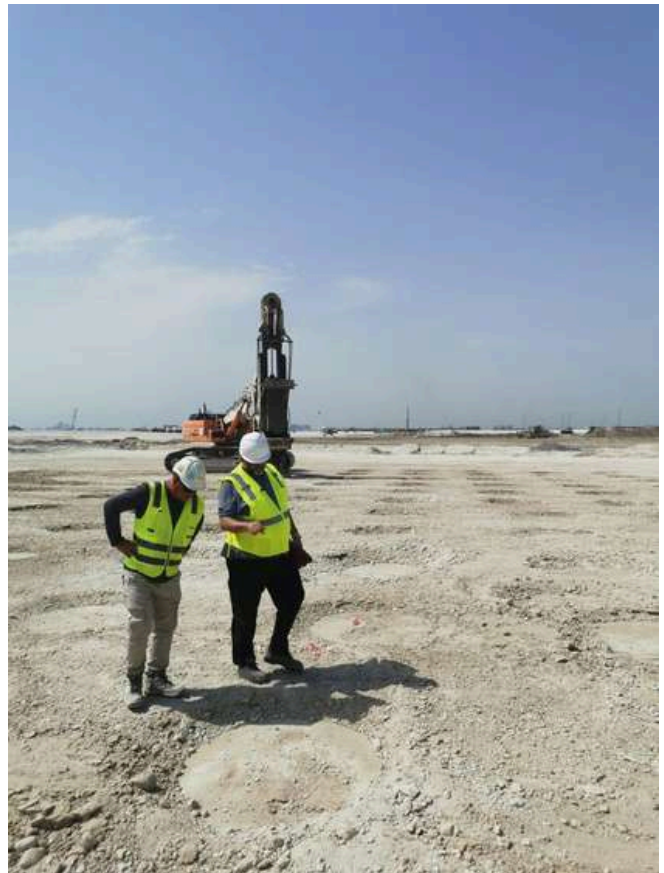
- Permitting
- Architectural Design
- Structural Design
- MEP design
- Civil Defense
- Estidama Designs
- Supervision



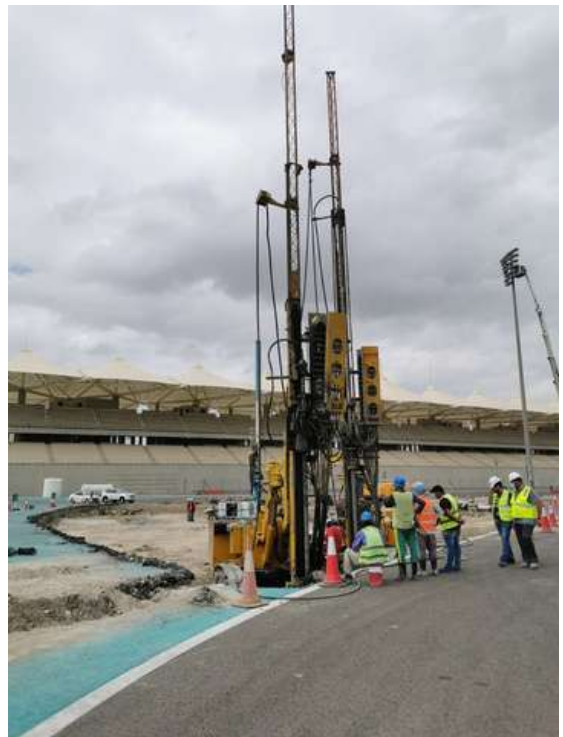
PROJECT GALLERY

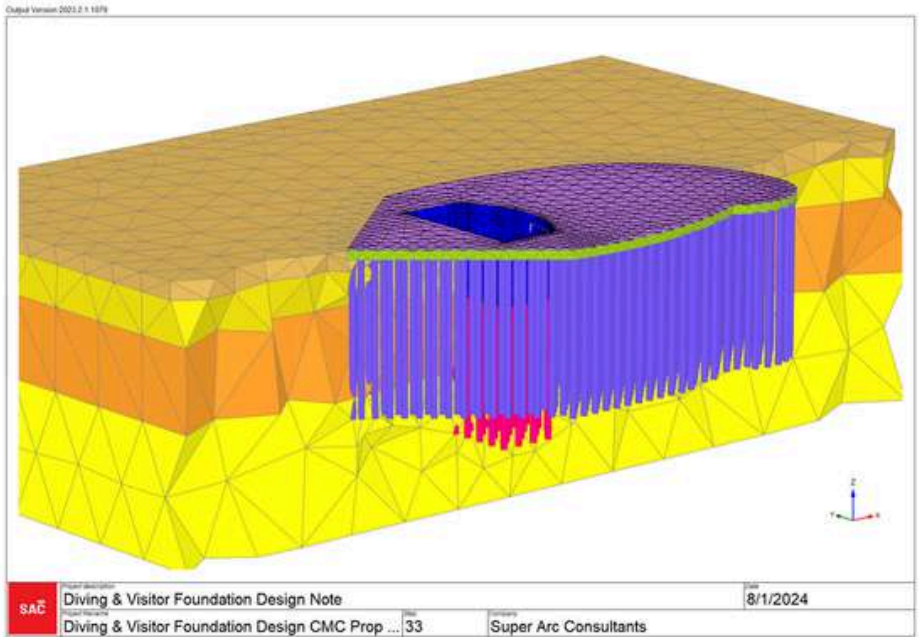
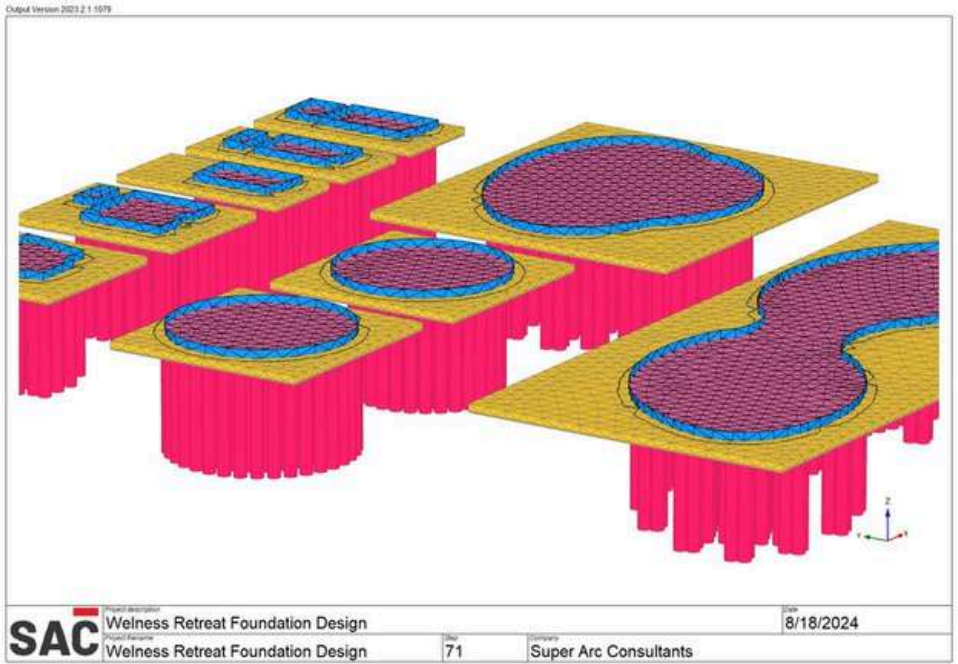
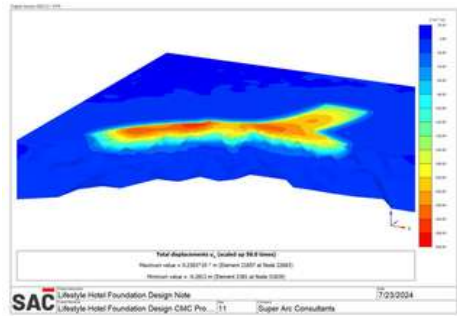
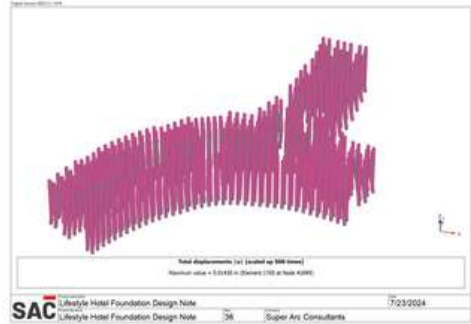


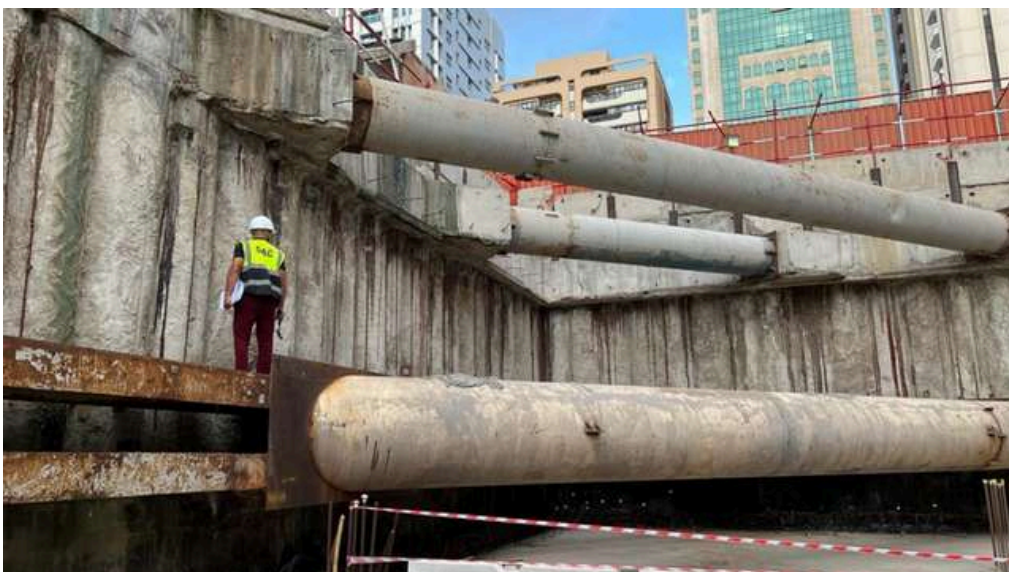
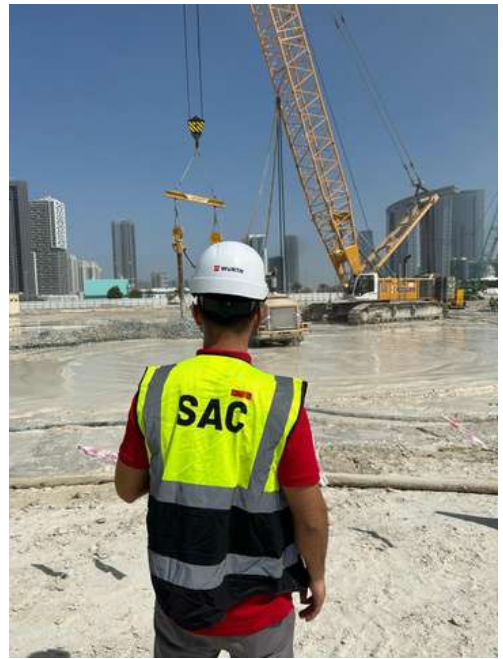
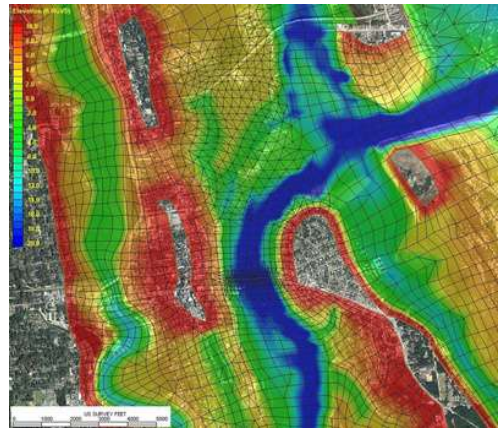


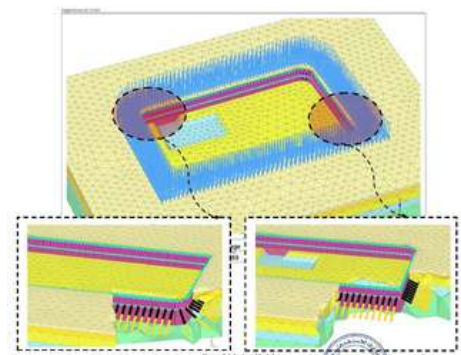


Roda Tower, Waller beam, west side



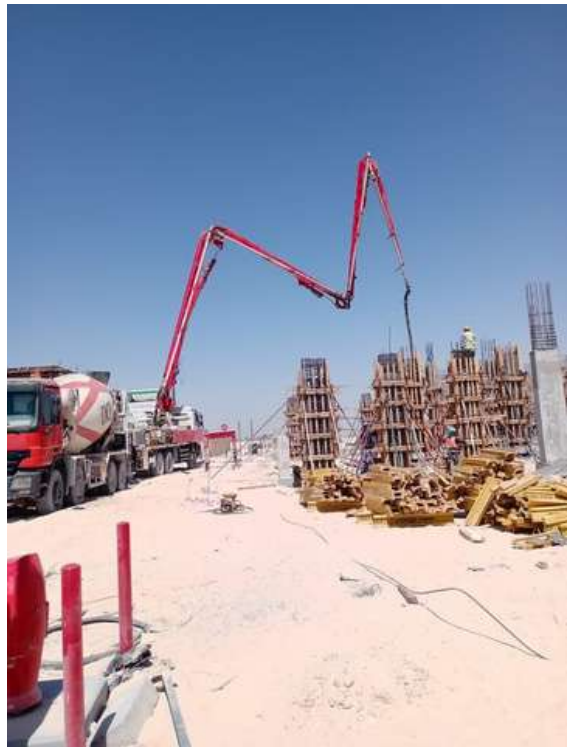






Roda Tower, Capping beam, grid L k-1.2
Dec 16, 2022 11:19:04 AM







إمكان
I M K A N





TESTIMONIALS



**FIRST
HOMES
LIMITED**

First Homes Limited
T +971 4 455 0100
F +971 4 455 0200
Office Unit No. 15-PF-84
Detached Retail 15
Plot No. JLT-PH-RET-15
Jumeirah Lakes Towers
P.O. Box 62201, Dubai, UAE

Ref.: TFG/C/AB/01/124
Date: 9th May 2023

SUPER ARC CONSULTANTS LLC

9th Street, M-15
Abu Dhabi, UAE
Tel.: 02-5633207
Email: malhusein@superarc.net

Attn.: Dr. Mohammad Al Husein – Managing Partner

Project: The Diamond Tower at Dubai Sports City on Plot No. 6821295 R5-22, Dubai, UAE

Subject: Letter of Appreciation

Dear Dr. Al Husein,

I am writing this letter to express my sincere gratitude for the outstanding services your firm provided to our organization.

Your team of engineers demonstrated high professionalism, expertise, and dedication throughout the project, and we are extremely pleased with the results.

From the initial consultation to the final implementation of the project, your team worked tirelessly to ensure that our needs were met and that the project was completed on time and within budget.

Your consultants were always available to answer our questions and provide guidance, and they went above and beyond to ensure that we were satisfied with the outcome.

In addition to their technical expertise, they also displayed excellent communication skills and a genuine interest in understanding our organization's unique needs and challenges. This helped build a strong and positive working relationship, which was instrumental in the project's success.

We cannot express enough how impressed we were with your team's professionalism and dedication. Your firm has set a high standard for consulting services, and we look forward to working with you again in the future.

Yours faithfully,

For **First Homes Limited**

Amr Al Bawab
Chief Construction Officer





KN International Architects and Engineers LLC

Super Arc Consultants (SAC)
P.O. Box 108801
Abu Dhabi, U.A.E.
Fax: +971 2 563 3207

t: +971-2-631 11 70
f: +971-2-631 11 02
m: info@kn-uae.com
w: www.kn-uae.com

e: Mr. Roberto Elsisura
m: +971-50-7304008
m: elsisura@kn-uae.com

Abu Dhabi, March 22, 2023
ref: P2105/RE/SAC/30502

Att. of: Mr. Mohammed Al Hussein, Managing Partner

Project Name: ADMM Track Modification Project

Subject: Appreciation Letter

Dear Sir,

We are writing this Letter to express our appreciation to work with M/s Super Arc Consultant (SAC) on Track Modification project as one of our sub-consultants particularly for the soil improvement works. We appreciate the expertise, guidance, and support that SAC team provided throughout the project.

We are happy to provide this appreciation letter recognizing SAC contributions to the project's success. We believe that this collaboration has laid a strong foundation for future success and growth for both companies, and we look forward to working together on future projects.

For KN International Architects and Engineers LLC
Yours sincerely,

 **KN** INTERNATIONAL
Roberto Elsisura
Project Manager

Encl: As mentioned above
Cc: File



KN International
Architects and Engineers LLC
Sheikh Hamdan Street
Al Masood Tower - 4th Floor
P.O. Box 47620 - Abu Dhabi - UAE

SAC



Letter Ref.:

05 May, 2023

To: **Super Arc Consultants (SAC)**
P.O. Box 108801, Fax: +971 2 563 3207
Abu Dhabi, U.A.E.

Attention: **Mr. Mohammed Al Hussein, Managing Partner**

Project: **Alpine Coaster**

Subject: **Appreciation Letter**

Dear SAC,

We are writing this Letter to express our gratitude for the invaluable support and contribution provided by M/s Super Arc Consultant (SAC) throughout the Alpine Coaster project. SAC's expertise and specialized knowledge in Hydrological and Hydraulic Modeling have been crucial to the project's success.

We sincerely appreciate SAC's commitment and dedication to the project, which has significantly contributed to the successful outcome of the project. We are pleased to provide this letter of appreciation to acknowledge SAC's significant contributions.

Our collaboration with SAC has laid a strong foundation for a successful partnership and growth for both our companies. We look forward to continuing our partnership on future projects and working together to achieve mutual success.

Thank you for your outstanding contributions to the Alpine Coaster project.
Sincerely,

For and on behalf of
HPS Play Trading LLC

Sherif Ezz- Project Manager



HPS Play Trading LLC

Prime Business Center A-602, Jumeirah Village Circle

P.O. Box 29799 Dubai, United Arab Emirates

T: +971 4 852 5835 | E: info@hpsplayco.com | W: www.hpsplayco.com



Play • Adventure • Learn • Discover

SAC

A photograph of two people shaking hands in a bright, modern office environment. The person on the left is wearing a light-colored sweater, and the person on the right is wearing a patterned sweater. In the foreground, there is a brown paper coffee cup with a black lid and a small potted cactus. The background is a blurred office space with large windows.

OUR CLIENTS

our clients



OUR CLIENTS



our clients



our clients



BEST CONSULTING ENGINEERS



A close-up photograph of a person's hand pointing at a document on a desk. The document is a form with a grid of lines, possibly a license application or a checklist. The hand is dark-skinned and is wearing a dark sleeve. The desk is made of wood. The word "LICENSES" is overlaid in large, bold, black capital letters in the center of the image.

LICENSES

رخصة أبوظبي الاقتصادية Abu Dhabi Economic Licence

Licence Details

Licence Type	Business	نوع الرخصة	تجارية
Licence Category	Normal	فئة الرخصة	عادية
Licence No.	CN-2540876	رقم الرخصة	
Unified Registration No.	101-2021-100000588	رقم التسجيل الموحد	
Unified Licence No.	501-2018-100136448	رقم الرخصة الموحد	
Establishment Date	26/04/2018	تاريخ التأسيس	
Issuance Date	09/08/2025	تاريخ الإصدار	
Expiry Date	06/09/2026	تاريخ الانتهاء	
Legal Form	Limited Liability Company	الشكل القانوني	شركة ذات مسؤولية محدودة
Trade Name	SUPER ARC CONSULTANT L.L.C.	الاسم التجاري	سوبر أرك الاستشارات ذ.م.م

تفاصيل الرخصة

Ownership and Representatives

Representative of	Role/Position	Nationality	Name
ممثل عن	دور المنصب	الجنسية	الاسم
	شريك	سوريا	محمد خالد الحسين
	Partner	Syria	MOHAMMAD KHALID AL HUSEIN
	شريك	سوريا	يحيى محمد الحسين
	Partner	Syria	YAHYA MUHAMMED ALHUSSEIN
	شريك	سوريا	تاهة محمد الحسين
	Partner	Syria	TAHA MUHAMMED ALHUSSEIN
	مدير	سوريا	محمد خالد الحسين
	Manager	Syria	MOHAMMAD KHALID AL HUSEIN

المالكة والممثلين

Licence Activities

		الأنشطة المرخصة
- Civil Engineering Consultancy	7110205	- استشارات في الهندسة المدنية
- Interior Design Engineering Consultancy	7110201	- استشارات هندسية في التصميم الداخلي
- Repair and Antiques Preservation Engineering Consultancy	7110918	- استشارات هندسية في الترميم والمحافظة على الآثار
- Architectural Engineering Consultancy	7110202	- استشارات في الهندسة المعمارية
- Foundations and Soil Mechanics Engineering Consultancy	7110916	- استشارات هندسة الأساسات وميكانيكا التربة
- Onshore And Offshore Oil And Gas Fields And Facilities Services	0910018	- خدمات بحقول ومنشآت النفط والغاز التربة والبحرية
- Road Engineering Consultancy	7110702	- استشارات هندسية في الطرق
- Bridges Engineering Consultancy	7110704	- استشارات هندسية في الجسور
- Industrial Facilities' Installations Inspection Engineering services	7120013	- خدمات هندسة الكشف على لمعدات المنشآت الصناعية
- Consultancy of Survey Engineering	7110901	- استشارات الهندسة للمساحة
- Consultancy of Electricity Engineering	7110903	- استشارات في الهندسة الكهربائية
- Geological and geophysical consultancy and studies and researches	7210102	- الاستشارات والدراسات والبحوث الجيولوجية والجيوفيزيائية
- Standardized Test Training	8550004	- التدريب على الاختبارات المعملية
- E-Commerce Through Websites	4791018	- التجارة الإلكترونية من خلال المواقع الإلكترونية

General Note : The Consultant is not permitted to practice the activities unless these activities are classified

ملاحظة عامة : لا يمكن للشركات الاستشارية ممارسة أنشطة الاستشارات الهندسية إلا بعد تصنيفها





First Issuance No.
First Issuance Date
Trade License No.

NCNC-2018-000231
Jul-02-2018
CN-2546876

رقم الإصدار الأول
تاريخ الإصدار الأول
رقم الرخصة التجارية

License to Practice Engineering Activities (Classification Certificate - Engineering Consultancy Office)

The Department of Municipalities and Transport - Abu Dhabi City Municipality certifies that the engineering firm Mentioned below is considered classified according to the categories and specialties shown herewith, in accordance with regulation No. 162 for the year 2018 regarding consultants classification system in the Emirate of Abu Dhabi

رخصة مزاولة الأنشطة الهندسية (شهادة تصنيف - مكتب استشارات هندسية)

تشهد دائرة البلديات والنقل - بلدية مدينة أبوظبي بأن المنشأة الهندسية المذكورة تفصلها أدناه تعتبر مصنفة بالفئات والتخصصات الموضحة أدناه، وذلك وفقاً للقرار رقم 162 لسنة 2018 بشأن نظام تصنيف الاستشاريين في إمارة أبوظبي

Engineering Activities Practicing License Details

بيانات رخصة مزاولة الأنشطة الهندسية

License No. (with updates)	C11-2024-2546876-LM12	رقم الرخصة (مع التحديث)
License Category	Second - الثانية	فئة الرخصة للمنشأة
License Status	Classification Valid - التصنيف فعال	حالة الترخيص
Issue No	8	رقم الإصدار
Issuance Entity	Abu Dhabi Municipality - بلدية مدينة أبوظبي	جهة الإصدار
Issuance Date (with updates)	29/11/2024	تاريخ الإصدار (مع التحديث)
Expiry Date	29/11/2026	تاريخ الانتهاء

Engineering Firm Details

بيانات المنشأة الهندسية

Trade License No.	CN-2546876	رقم الرخصة التجارية
Firm Name (AR)	سوبر أرك للاستشارات ذ.م.م	اسم المنشأة الهندسية - عربي
Firm Name (EN)	SUPER ARC CONSULTANT L.L.C.	اسم المنشأة الهندسية - إنجليزي
Firm Legal Form	Limited Liability Company - شركة ذات مسؤولية محدودة	الشكل القانوني للمنشأة الهندسية
Firm Form	Local Consultant Office - مكتب هندسي محلي	شكل المنشأة
Firm Technical Manager Name	MOHAMMAD KHALID AL HUSEIN - محمد خالد الحسين	اسم المدير الفني للمنشأة الهندسية
Official Phone No.	+971552592001	رقم التواصل الرسمي للمنشأة
Official Email	alhusein_mohammad@hotmail.com	البريد الإلكتروني الرسمي للمنشأة
Address	المصنف، م 15، 0 : مبنى حكومة أبوظبي	العنوان

إجمالي عدد الأنشطة المصنفة Total Number of Classified Activities	السادسة Sixth	الخامسة Fifth	الرابعة Fourth	الثالثة Third	الثانية Second	الأولى First	الخاصة Special	فئة النشاط Activity Category
5	0	0	0	0	5	0	0	عدد الأنشطة المصنفة Number of Classified Activities

فئة تصنيف النشاط Classification Category	حالة تصنيف النشاط عند الإصدار/التحديث Classification Status Upon First Issuance/Amendment	اسم النشاط Activity Name	رمز النشاط Activity Code	سلسلة Serial
Second - الثانية	التصنيف فعال Classification Valid	استشارات في الهندسة المعمارية Architectural Engineering Consultancy	7110202	1
Second - الثانية	التصنيف فعال Classification Valid	استشارات في الهندسة المدنية Civil Engineering Consultancy	7110205	2
Second - الثانية	التصنيف فعال Classification Valid	استشارات هندسية في الطرق Roads Engineering Consultancy	7110702	3
Second - الثانية	التصنيف فعال Classification Valid	استشارات الهندسة الكهربائية لخدمات المباني Electrical Works For Building Services Engineering Consultancy	7110903	4



First Issuance No.

NCNC-2018-000231

رقم الإصدار الأول

First Issuance Date

Jul-02-2018

تاريخ الإصدار الأول

Trade License No.

CN-2546876

رقم الرخصة التجارية

تصنيف النشاط Classification Category	حالة تصنيف النشاط عند الإصدار/التحديث Classification Status Upon First Issuance/Amendment	اسم النشاط Activity Name	رمز النشاط Activity Code	مسلسل Serial
Second - الثانية	التصنيف فعال Classification Valid	استشارات هندسة الأساسات وميكانيكا التربة Engineering Consulting in Foundations and Soil Mechanics	7110916	5

Notes

Any change or update in the classification status will cancel this certificate.
Any amendment or deletion in this certificate shall cancel it.
Bedding is allowed only after submitting the original Engineering Activities Practicing License accompanied by a valid To Whom It May Concern Certificate.
This is an approved electronic document issued without signature by the Department of Municipalities and Transport (DMT) - Abu Dhabi city Municipality.
Authorities might validate this certificate by using the QR Code above.

ملاحظات

أي تغيير أو تحديث في حالة التصنيف يلغي هذه الشهادة.
أي تعديل أو حذف في هذه الشهادة يلغيها.
لا يجوز الترخيص للشركات إلا بعد تقديم أصل رخصة مهنة الهندسة مشفوعة بشهادة لمن يهمه الأمر.
سارية المفعول.
إن هذه الوثيقة هي وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة البلديات والنقل - بلدية مدينة أبوظبي.
يمكن الجهات المختصة التحقق من صحة هذه الشهادة باستخدام الترميز كود الموجود أعلاه.



شهادة تسجيل لضريبة القيمة المضافة في الامارات العربية المتحدة
Certificate of Registration for Value Added Tax in the United Arab Emirates

The Federal Tax Authority certifies that the entity below is a registered person for Value Added Tax in the UAE

تشهد الهيئة الاتحادية للضرائب أن الجهة التالية مسجلة لضريبة القيمة المضافة في الامارات العربية المتحدة

Full Arabic legal name

سوراك الاستشارات ذ.م.م

الاسم القانوني الكامل باللغة العربية

Full English legal name

SUPER ARC CONSULTANT L.L.C.

الاسم القانوني الكامل باللغة الانجليزية

Registered address

المصنف م ١٥، ١١، مصفح أبوظبي
الإمارات العربية المتحدة +971552592001، 41475

العنوان المسجل

Tax Registration Number

100539206100003

رقم التسجيل الضريبي

Effective Registration Date

01/04/2020

تاريخ التسجيل الفعلي

First VAT Return Period

01 Apr 2020 - 30 Jun 2020 and quarterly thereafter

فترة أول إقرار لضريبة القيمة المضافة

VAT Return due date

28 Jul 2020

تاريخ استحقاق إقرار ضريبة القيمة المضافة

Start and end dates of Tax periods:

1 Apr to 30 Jun, 1 Jul to 30 Sep, 1 Oct to 31
Dec, 1 Jan to 31 Mar

بداية ونهاية الفترات الضريبية

يرجى التأكد من صحة تفاصيل الشهادة. يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغيير الأسس التي حصلت فيها على رقم التسجيل الضريبي الخاص بك.

Please check that the details on this certificate are correct. You must inform the Federal Tax Authority of any change on the basis of which you obtained your Tax Registration Number.



Issuing Date:

11/03/2020

تاريخ الإصدار



دائرة البلديات والنقل
DEPARTMENT OF MUNICIPALITIES
AND TRANSPORT

تشهد دائرة البلديات والنقل بمنح
The Department of Municipalities and Transport hereby awards

يحيى محمد الحسين

Yahya Muhammed Alhussein

شهادة مؤهل مختص بنظام التقييم بدرجات اللؤلؤ
بناءً على كفاءته في تطبيق نظام تقييم المباني بدرجات اللؤلؤ

The designation of Pearl Qualified Professional (PQP)
By demonstrating competence in applying the Pearl Building Rating System (PBRs)

المدير التنفيذي
قطاع التخطيط والبنية التحتية
Executive Director
Planning and Infrastructure Sector
Signature Date: 23 March 2022

estidama
إستدامة

مدير إدارة
قطاع التخطيط والبنية التحتية
Senior Manager
Planning and Infrastructure Sector
PQP No: 1825



Certificate Of Registration

Awarded to

SUPER ARC CONSULTANT L.L.C

at

P.O BOX: 41475, OFFICE NO: 610, PRP61934, M-15, BUILDING NO. 6, MUSSAFAH,
ABU DHABI, UAE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS & ISO standard requirements for registration of the management system standard detailed below:

ISO 9001:2015

Quality Management Systems

Scope of work

- FOUNDATIONS AND SOIL MECHANICS ENGINEERING CONSULTANCY
- CIVIL ENGINEERING CONSULTANCY
- ARCHITECTURAL ENGINEERING CONSULTANCY
- ROAD ENGINEERING CONSULTANCY
- CONSULTANCY OF SURVEY ENGINEERING
- INDUSTRIAL FACILITIES ' INSTALLATIONS INSPECTION ENGINEERING SERVICES

IAF 34

Certificate No: AAU-10212

Originally Registered: 02 JUN 2023

Latest Issue: 02 JUN 2023

Valid up-to: 01 JUN 2026



Quality Registrar Systems



UAE OFFICE ADDRESS

Quality Registrar Systems Intl.
Abu Dhabi, United Arab Emirates
www.qrs-intl.com
Tel: 02-3096166

WORLDWIDE CERTIFICATION

This is an accredited certificate authorized for issue by Accreditation Service for Certifying Bodies LLC who have assessed QRS (Intl.) as a Certifying Body for compliance with ISO 17021:2015 'Conformity Assessment - Requirements for bodies providing audit and certification of management systems. This certificate is only valid when confirmed by the register listed in the QRS (Intl.) (qrs-intl.com)

Certificate of Registration



This is to certify that
the Environment Management System of

SUPER ARC CONSULTANT L.L.C

P. O. Box No. 41475, Office No. 610, Building No. 6, M 15,
Abu Dhabi, United Arab Emirates.

Has been independently assessed and is compliant with the requirements of

ISO 14001:2015

(Environmental Management System)

This Certificate is applicable to the following product or services ranges:

Civil Engineering Consultancy, Architectural Engineering Consultancy, Foundations and Soil Mechanics Engineering Consultancy, Onshore and Offshore Oil and Gas Fields and Facilities Services, Road Engineering Consultancy, Industrial Facilities Installation, Interiors Design Engineering Consultancy, Hydrological Engineering Consultancy.

CERTIFICATE NO: AE 1000672/02/E

Date of this Certificate	03 SEP 2025	Date of Initial Registration	03 SEP 2024
Date of Certificate Expiry	02 SEP 2026	Re-certification Due	02 SEP 2027

Director



Issue No.01



This certificate is property Of LEMS and remains valid subject to satisfactory surveillance audits. Certified organization is responsible for maintaining the compliance of relevant standard rules. Any significant changes in the scope of the certification or standard referred above renders this certificate invalid.

LEMS QUALITY & STANDARDIZATION CERTIFICATES ISSUING SERVICES

www.lemscert.com

Dubai, United Arab Emirates.

LEMS has been assessed by accreditation service for certification bodies LLC (ASCB) , 8 The Green, Dover, DE,19901, United States as a certifying body for compliance with ISO 17021:2015 conformity assessment. This certificate can be verified on www.lemscert.com

Certificate of Registration



This is to certify that
the Occupational Health & Safety Management System of

SUPER ARC CONSULTANT L.L.C

P. O. Box No. 41475, Office No. 610, Building No. 6, M 15,
Abu Dhabi, United Arab Emirates.

Has been independently assessed and is compliant with the requirements of

ISO 45001:2018

(Occupational Health & Safety Management System)

This Certificate is applicable to the following product or services ranges:

Civil Engineering Consultancy, Architectural Engineering Consultancy, Foundations and Soil Mechanics Engineering Consultancy, Onshore and Offshore Oil and Gas Fields and Facilities Services, Road Engineering Consultancy, Industrial Facilities Installation, Interiors Design Engineering Consultancy, Hydrological Engineering Consultancy.

CERTIFICATE NO: AE 1000672/03/H

Date of this Certificate	03 SEP 2025	Date of Initial Registration	03 SEP 2024
Date of Certificate Expiry	02 SEP 2026	Re-certification Due	02 SEP 2027

Director



Issue No.01



This certificate is property Of LEMS and remains valid subject to satisfactory surveillance audits. Certified organization is responsible for maintaining the compliance of relevant standard rules. Any significant changes in the scope of the certification or standard referred above renders this certificate invalid.

LEMS QUALITY & STANDARDIZATION CERTIFICATES ISSUING SERVICES

www.lemscert.com

Dubai, United Arab Emirates.

LEMS has been assessed by accreditation service for certification bodies LLC (ASCB) ; 8 The Green, Dover, DE,19901, United States as a certifying body for compliance with ISO 17021:2015 conformity assessment. This certificate can be verified on www.lemscert.com

CERTIFICATE OF COMPLIANCE

Super Arc Consultant L.L.C

P.O Box: 41475, 9th Street, M-15, Abu Dhabi, United Arab Emirates

has been assessed by the governing board of System Certification Services as conforming to the requirements of

ISO 19650-1:2018

Part 1: Concepts & Principles

ISO 19650-2:2018

Part 2: Delivery Phase of the Assets

Building Information Modeling (BIM)

The Building Information Modelling is applicable to:

- Offers services in Water, Environment, Transportation and Energy and Facilities Projects for Public and Private Clients.
- Major Services include Design, Consulting Services for Bridges Engineering, Road Engineering, Sewerage and Collecting and Disposing of Wasted Water Engineering, Traffic and Means of Transportation Planning Engineering, Comprehensive Architectural Planning Engineering, Tunnel Engineering, Civil Engineering, Electricity Engineering, Survey Engineering, Internal Road Engineering, Sites Landscaping and Coordinating Engineering, Rainwater Drainage Engineering, Water Desalination Plants Engineering and Irrigation Water Resources Engineering and Program Management.
- Provides Building Information Modelling (BIM) services from Prelim, Detailed and up to Tender stages for Clients or their Representatives.

Certification No:
SCS-1800110542

Initial certification date:
17-10-2025

Valid:
16-10-2028

1st Surveillance due on: 16-10-2026 | 2nd Surveillance due on: 16-10-2027

* The certificate will be renewed for three years, subject to successful Surveillance assessment.

David James

Certification Manager
System Certification Services
Accred by ASIB (E)



Accredited by:
ASIB (Europe) Limited
128 City Road, London, United Kingdom, EC1Y 2NX

To verify the validity of the certificate visit <https://www.asib.co.uk/verifycertificate.php>

This certificate remains valid while the holder maintains compliance following the standard above, which System Certification Services will audit as per the surveillance schedule mentioned above. This certificate remains the property of SCS and must be returned on request.

Lack of fulfillment of the condition in the certification agreement may render this certificate invalid

System Certification Services (SCS)
visit: www.scs-certification.com





Super Arc Consultant L.L.C

info@superarc.net

www.superarc.net

Tel: + 971 5472020 14

