# WRENZE STEEL

## STEEL STRUCTURE ENGINEERS



# RELIABLE ECONOMIC DESIGN

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Web: www.wrenze.com
Dubai - UAE

# ABOUT US

WRENZE STEEL
STEEL STRUCTURE ENGINEERS

We as Wrenze Steel Engineering which is the market name for Wrenze & Partners L.L.C are specialized team who invested and utilize the engineering knowledge and experience in the structural steel constructions industry since many years in UAE region to help the contractors ,consultants and steel fabricators to perform the engineering part that's associated to the steel scope of work for mutual benefits, with aid of our experience we help also the contractors and the clients to achieve the optimized weight and most economical design of the structure taking into consideration the engineering requirement and the safe design limitations.
Since we believe in experience, we believe in specialization so that each of our team members is specialized and expert in a particular part of the project to ensure the reliability and responsibility of any part of the project to deliver the precise results to our clients.

# OUR DESIGN PHILOSOPHY

## Reliable Design

We support our clients to estimate their steel structure projects by minimizing the cost and preform a preliminary design during their bidding stage to achieve the minimum weight and fabrication cost of the structure.

## Economic Design

We support our clients to estimate their steel structure projects by minimizing the cost and preform a preliminary design during their bidding stage to achieve the minimum weight and fabrication cost of the structure.

### Structure Requirements

- Clients Requirements
- Engineering consultant Requirements and Architectural Drawings
- Construction Site Conditions
- Structure Application
- Zone Territory Type
- Optimum Structural System Truss, Pitch Angle, Span, Frame Space Type, Stability System, Connections Type ....etc

### Engineering Requirements

- International Engineering Codes
- Local Municipality Regulations
- Consultant Recommendations
- Limit State Design
- Ultimate Limit State
- Serviceability Limit State
- Lower Materials Grade
- Integration and Coordination With other Engineering Services



### Construction Requirements

- Reducing Assembly Weight to be Handled By Cranes
- Reducing Bolts No. in the Connections
- Avoiding Complex Connections and Site Welding
- Reducing Footing Size by Reducing the Steel Take-off and End Support Type.

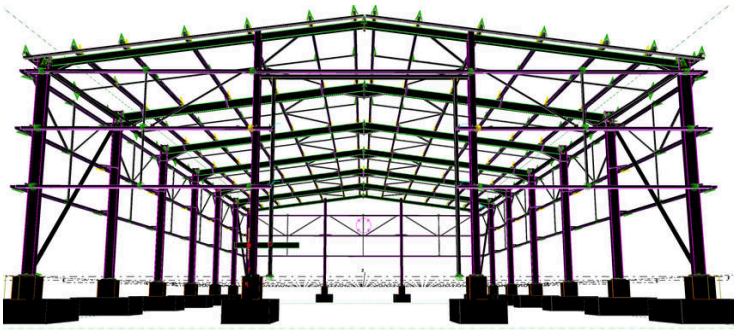
### Fabrication Requirements

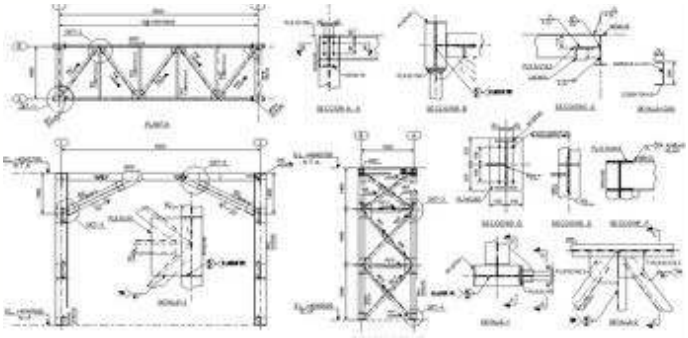
- Steel Sections Stock Availability
- Materials Waste Optimizing
- Materials Weld-ability
- Minimizing Complex Connections
- Reducing Welded joints
- Materials Transportation Considerations
- Adapting Hot Rolled Sections Instead of Built Up Sections

# SERVICES

## • Structural Steel Design

Wrenze Steel always offers the best structural steel design services by employing the design and engineering experience and knowledge that is formed by our team assets, following the local municipality regulations under the umbrella of the international codes e.g. American, British and euro to achieve the most reliable and most effective design solutions.



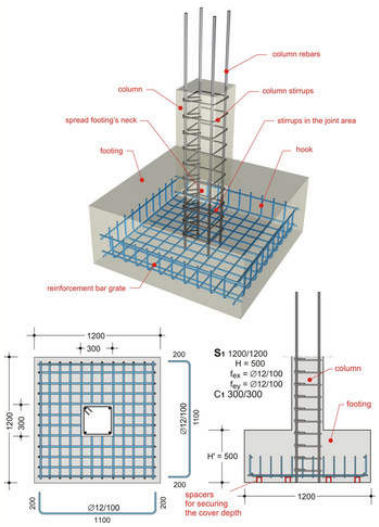


## • Detailing and Shop Drawings

We produce fabrication drawings to the fabricators to guide them during the fabrication stage and to ship their materials, our team of detailers takes the accuracy as the first priority in their job.

## • Foundation Design

As a part of our job, we consider the foundations of the structure is very important to us since our team knows well the behaviour of the structure and based on that will determine the behaviour of the foundations..

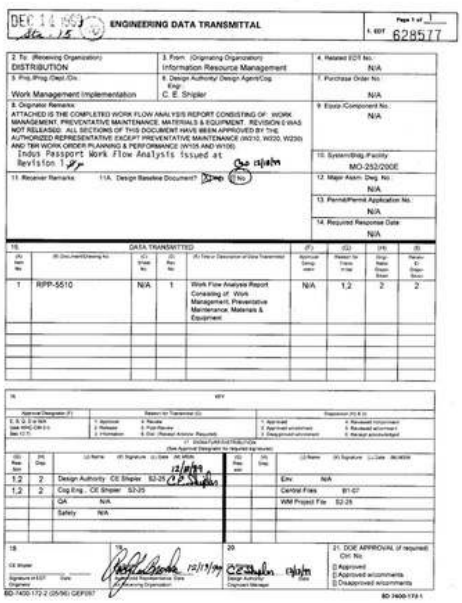


## • Quantity Estimation

We support our clients to estimate their steel structure projects by minimizing the cost and preform a preliminary design during their bidding stage to achieve the minimum weight and fabrication cost of the structure.

PROPOSED ABCD REGENCY COLOMBO HOTEL AT 126, GALLE ROAD, COLOMBO 06.

| No | DESCRIPTION | UNIT | QTY | RATE | AMOUNT - SLRs |
|---|---|---|---|---|---|
| | HORIZONTAL & VERTICAL COLD WATER DISTRIBUTION PIPES FOR TOILET | | | | |
| | Basement – 02 | | | | |
| 268 | Supply and laying of 32mm (1") diameter CPVC suitable for cold water up to 20 bar operating pressure, complete as per specification, drawings and Engineer's instructions. | m | 95 | 3,714 | 352,830 |
| 269 | Supply and laying of 25mm (3/4") diameter CPVC suitable for cold water up to 20 bar operating pressure, complete as per specification, drawings and Engineer's instructions. | m | 15 | 2,877 | 43,155 |
| 270 | Supply and laying of 20mm (1/2") diameter CPVC suitable for cold water up to 20 bar operating pressure, complete as per specification, drawings and Engineer's instructions. | m | 12 | 1,695 | 20,340 |
| | Basement – 01 | | | | |
| 271 | Supply and laying of 32mm (1") diameter CPVC suitable for cold water up to 20 bar operating pressure, complete as per specification, drawings | m | 95 | 3,714 | 352,830 |


ENGINEERING DATA TRANSMITTAL

628577

DISTRIBUTION

Information Resource Management

C. E. Shipler

Work Management Implementation

N/A

MO-252/200E

DATA TRANSMITTED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | RPP-5510 | N/A | 1 | Work Flow Analysis Report Consisting of: Work Management, Preventative Maintenance, Materials & Equipment | N/A | 1,2 | 2 | 2 |

Design Authority CE Shipler S2-25

Cog Eng. CE Shipler S2-25

QA N/A

Safety N/A

Env N/A

Central Files B1-07

WM Project File S2-25

## • Engineering Services

We also provide a wide range of engineering consultancies that related to our area of expertise to our clients

1. Corrosion Protective Solutions.
2. Steel Structure Preventive and reactive maintenance reports and manuals
3. Project Management.
4. Quality Control
5. Façade and Cladding Cold Formed Supports
6. DM Approvals



# AREA OF EXPERTISE



RESIDENTIAL, COMMERCIAL MULTISTOREY AND HIGH-RISE BUILDINGS




PAVILIVONS, SHOWROOMS AND RETAIL SHOPS



ROAD AND PEDESTRIAN BRDIGES



WAREHOUSES, WORKSHOPS AND SOTRAGE FACILITIES

WRENZE STEEL
STEEL STRUCTURE ENGINEERS

# AREA OF EXPERTISE



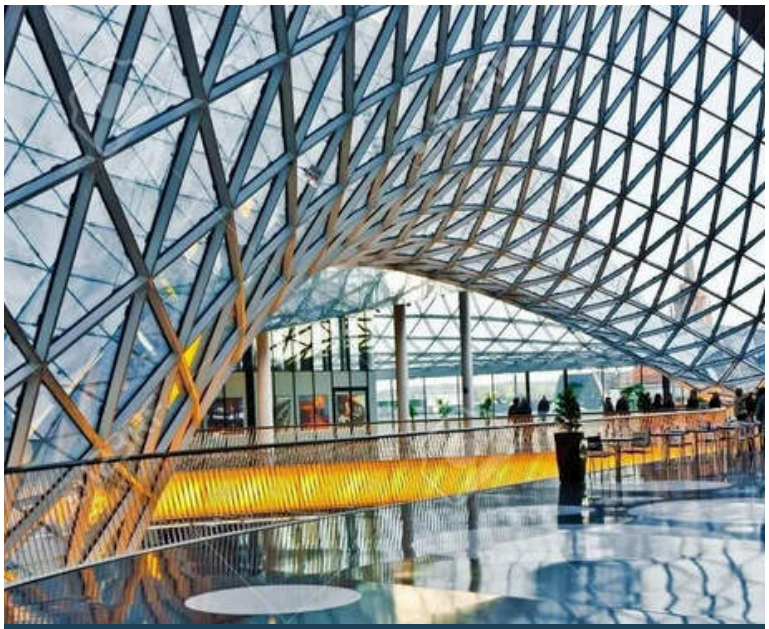
SHIPPING CONTAINERS STRUCTURES



ARCHITECTURAL , INTERIOR AND EXPOSED STEEL FRAMES



PARKING SHEDS, CANOPIES , PERGOLAS AND TENSILE FABRIC STEEL STRUCTURES

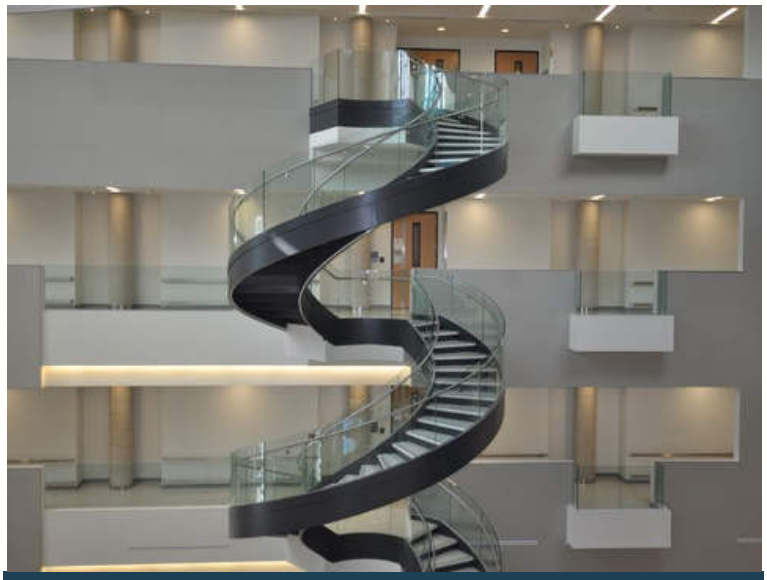


GRIDSHELLS, 3D TRUSSES AND SPACE FRAMES

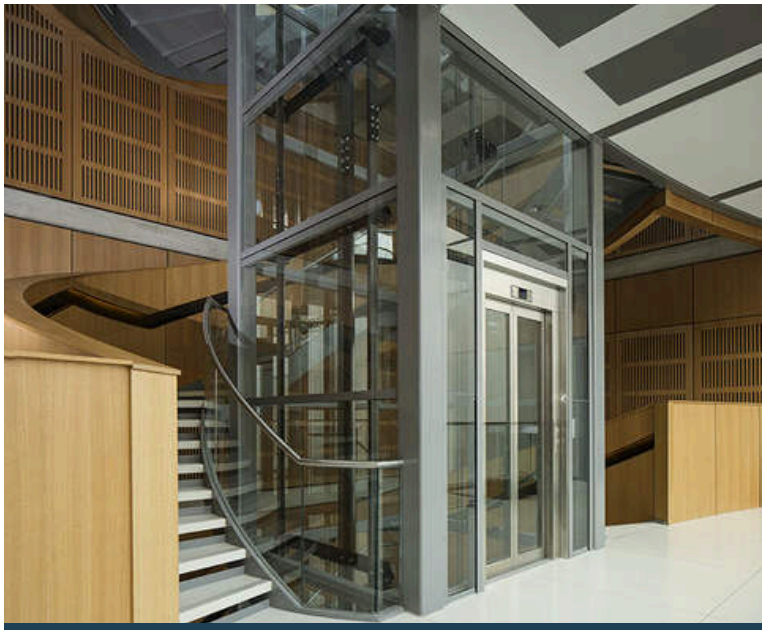
# AREA OF EXPERTISE



FACADE, CURTAIN WALLS AND GLAZING STEEL FRAMES



SPECIAL ARCHITECTURAL STEEL STAIRS



GLASS AND SCENIC LIFT FRAMES



STEEL STRUCTURE LINK BRIDGES

WRENZE STEEL
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# AREA OF EXPERTISE



OIL AND GAS , POWER PLANTS AND INSUSTRIAL STEEL STRUCTURES



POWER AND TELECOMMUNICATION LATTICE TOWERS



CILOS AND STORAGE TANKS



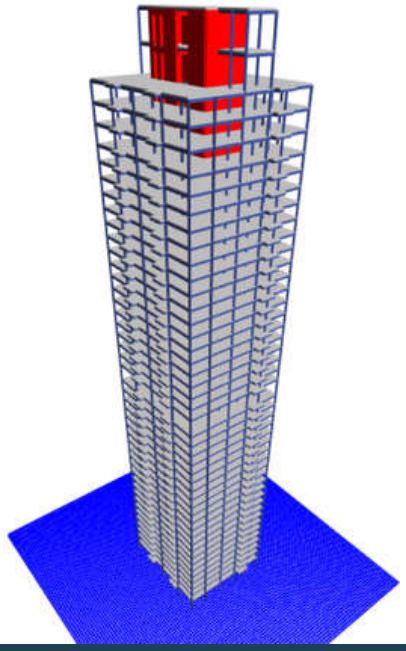
SOLAR PANELS STEEL SYSTEMS

# KEY PROJECTS

- **G+43 Crown Icon Bay Tower**

Client: Emirates Steel
Location : Dubai Creek Harbour Development
Scope of Work : Modeling - Design



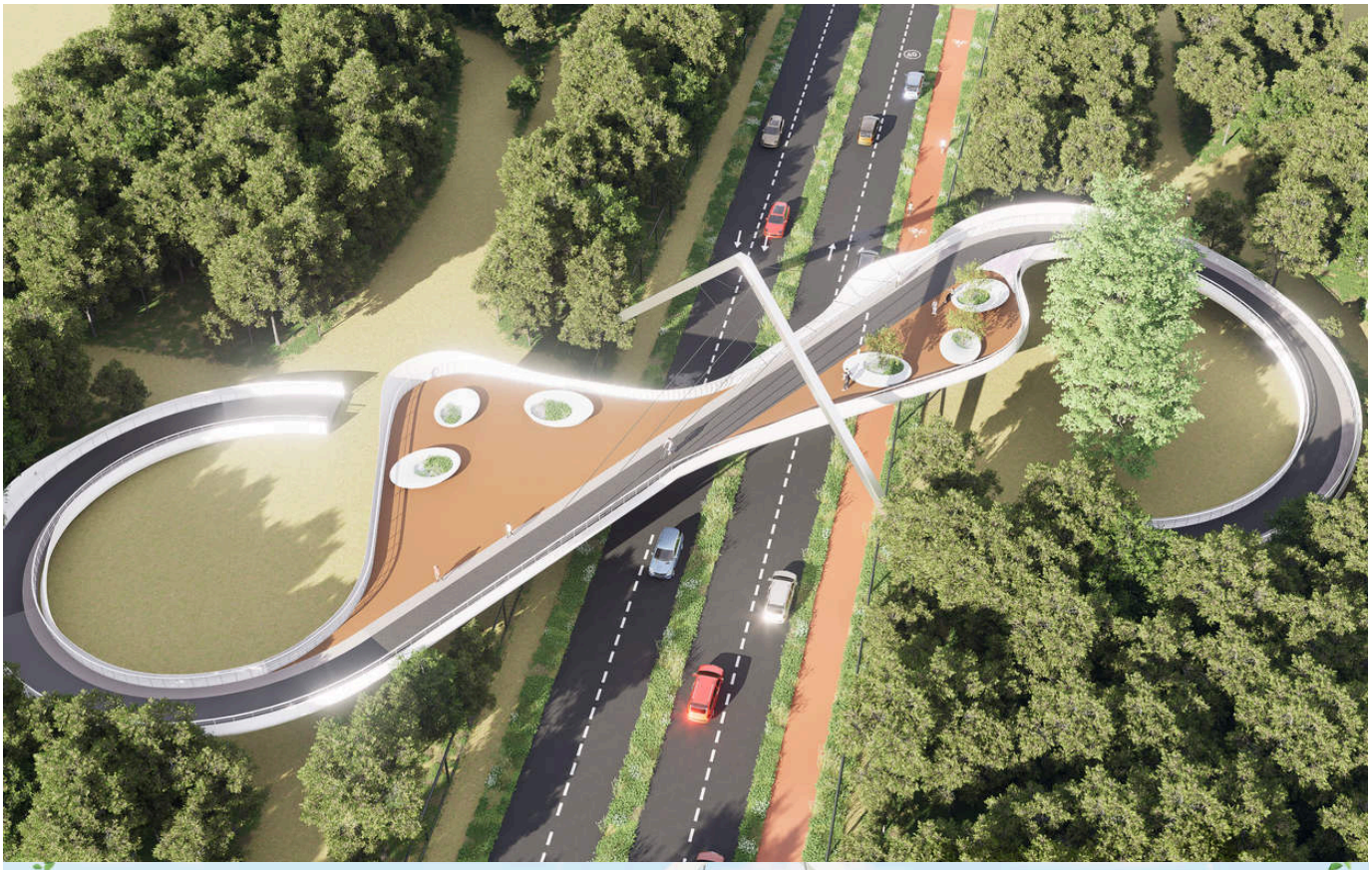


# KEY PROJECTS

- **Dubai Mushrif Park Cable Stayed Bridge**

Client: Dubai Municipality (DM)
Location : Dubai Mushrif Park
Scope of Work : Full Consultancy

بلدية دبي
DUBAI MUNICIPALITY



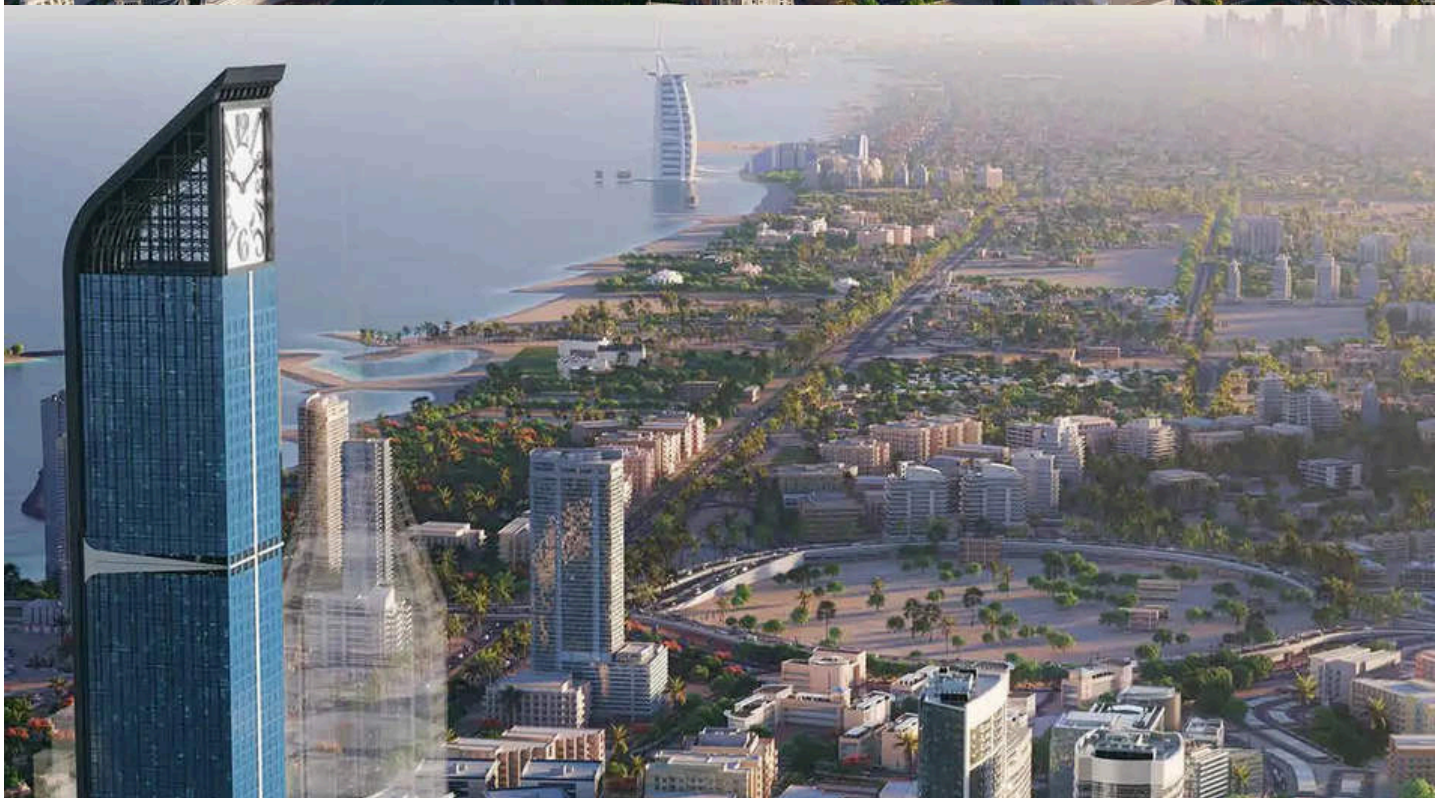


# KEY PROJECTS

- **Frank Muller Aeternitas Tower**

Client: London Gate Real estate Development
Location : Dubai Marina
Scope of Work : Steel Structure 3rd Party Consultancy





- ## EXPO 2020 DUBAI - EMIRATES PAVILION

Client: Emirates Air Lines
Location : Dubai - Expo
Consultant : WME
Contractor :Cimolai Rimond Middle East JV QA
Scope of Work : Steel Structure Take off - Quanityt Survey - Cost Estimation - Model Review



- **MBF HQ OFFICE**

  Client: SHK. Mohammad Al Qassimi
  Location : Sharjah
  Consultant : Palazzo Venezia Middle East
  Contractor  :QA Construct L.L.C
  Scope of Work : Structural Design






- **Slovakia Pavilion Expo 2020**

  Client/Consultant: BMA Studio
  Location : DUBAI - Expo 2020
  Scope of Work : Structural Design

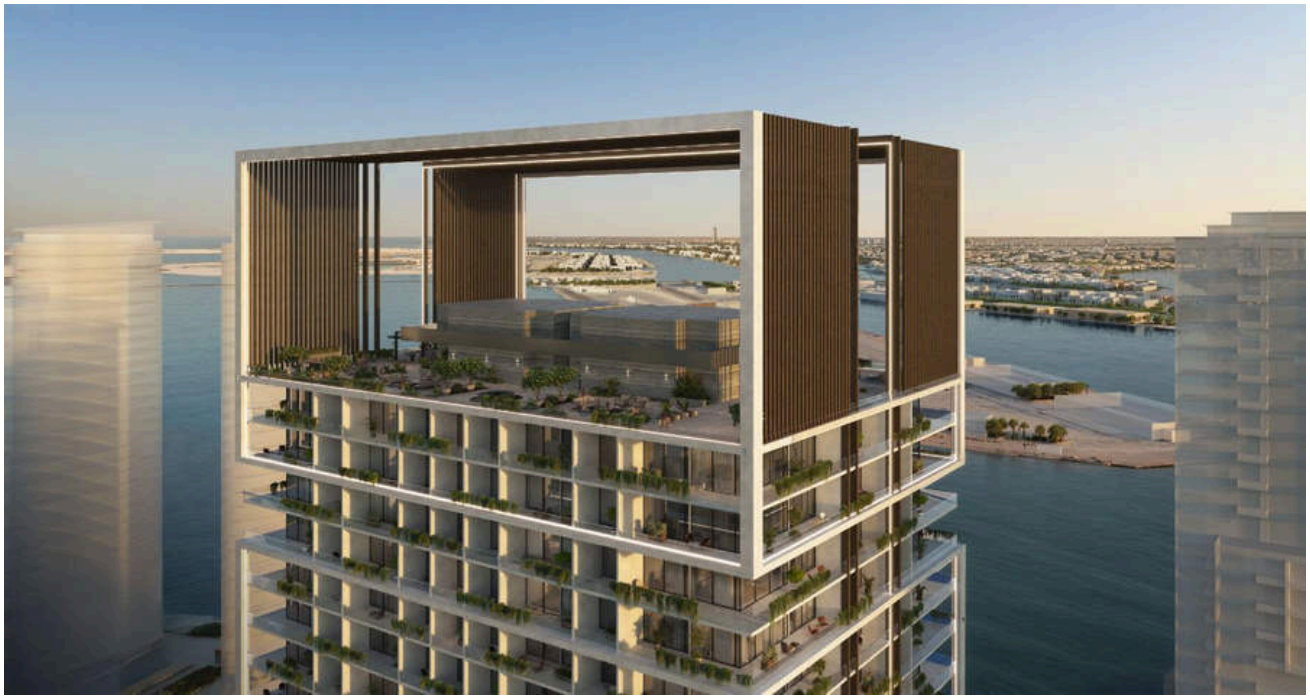




- **Franck Muller Yachting by London Gate**

Client: London Gate Real Estate Developmet
Location : Dubai - UAE
Scope of Work : Steel Structural Design





- **Electra By Acube Developments**

  Client/Consultant: Acube Developments
  Location : DUBAI - UAE
  Scope of Work : Composite Steel Structural Design



- **Franck Muller Vanguard by London Gate**

Client: London Gate Real Estate Developmet
Location : Dubai - UAE
Scope of Work : Steel Structural Design






- **Vega By Acube Developments**

Client: Acube Developments
Location : Dubai - UAE
Scope of Work : Steel Structural Design






- **Intercontinental Hotel Steel Structure Works**

Client: Rak Properties
Location : Rak - UAE
Consultant : P&T Architicts & Engineers LTD
Scope of Work : Steel Structural Design







- **WAREHOUSE AND OFFICES G+M FLOOR**

  Client: MONTINA WAREHOUSE HOLDING L.L.C
  Location : DUBAI INDUSTRIAL
  Consultant : Archcorp Architectural engineering




- **Steel Suspended Swiming Pool**

  Client: Green Dunes Landscaping
  Location : Dubai - Dubai Hills Estate
  Scope of Work :Modeling - Design



- **United Airlines Facility Center**

  Client: United Airlines
  Location : Florida - USA
  Consultant : United Airlines - Enginering Devision




- **Microsoft Data Center**

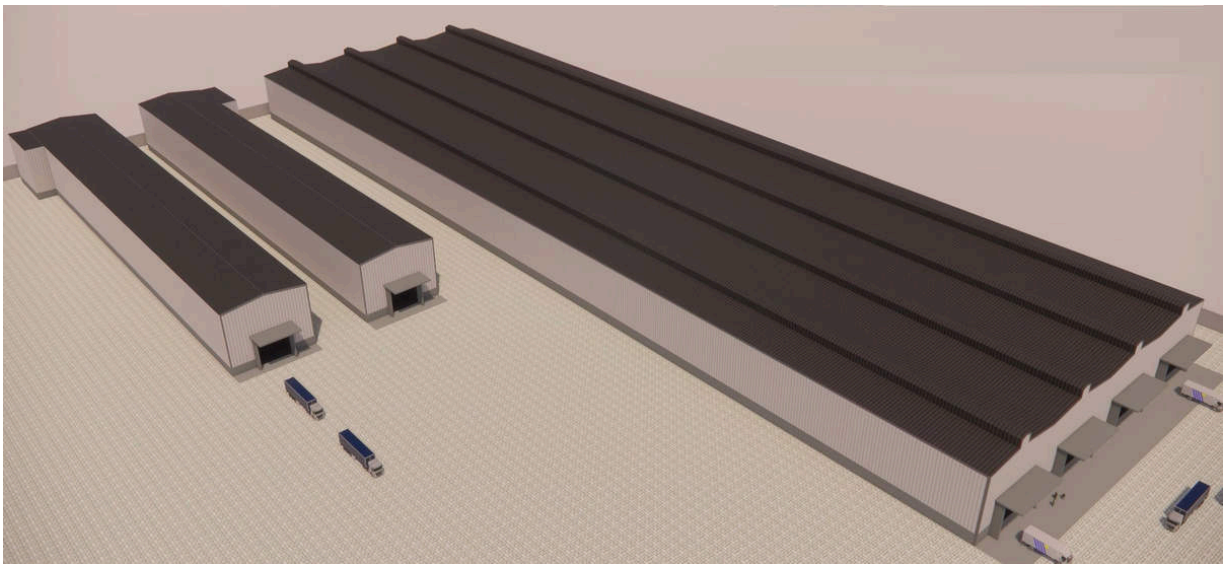
  Client: Microsoft
  Location : Virginia - USA
  Scope of Work : Full Engineering



- **45,000 M2 KDE Pipe Factory at Kezad**

  Client: KDE Manufacturing
  Location : Kezad - Abu Dhabi
  Scope of Work : Full Engineering

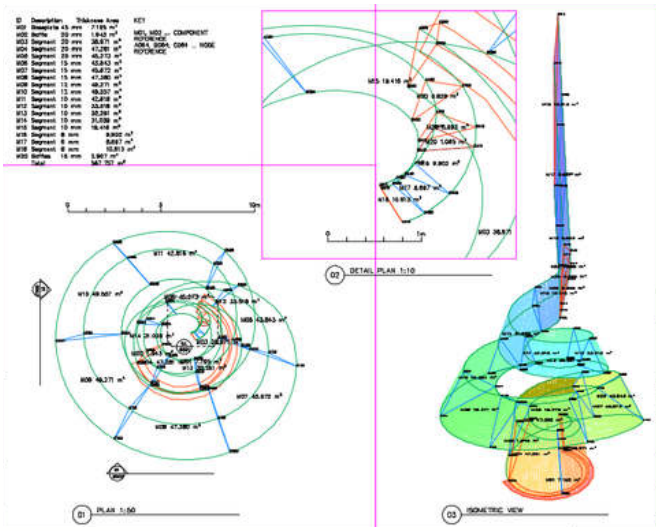






- **MONUMENT SHARJAH**

  Client/Consultant: Diales Uncompromise expertise
  Location : Sharjah
  Scope of Work : Structural Design Verification

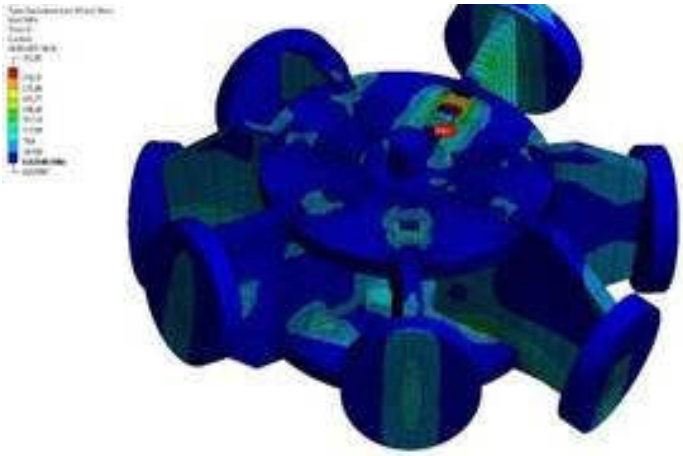






- **Grids Shell Connections Design**

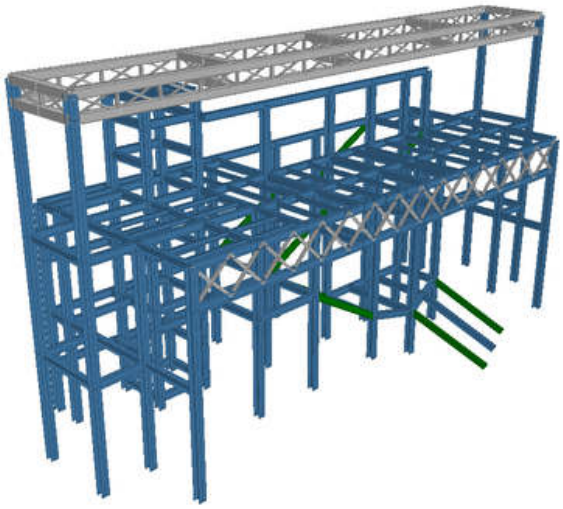
Client/Consultant: Sumite Engineering Consultants
Location : Dubai - Media City
Scope of Work : Connection Design

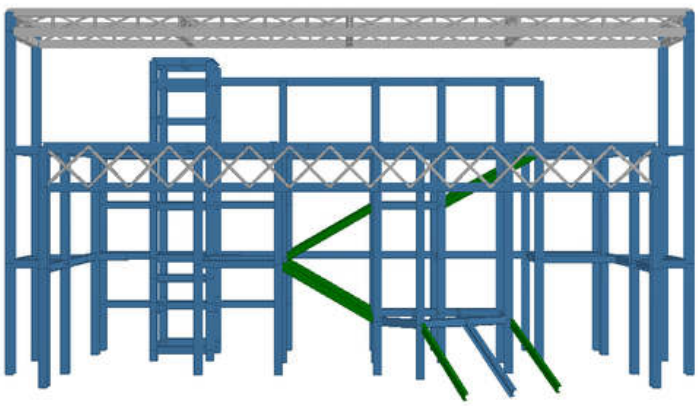


- **AL JAZIRAT AL HAMRA - HERITAGE VILLAGE RAS AL KHAIMAH**

Client/Consultant: ATKINS
Location : RAK
Scope of Work : Structural Design & Detailing







- **OPEN MARKET BUILDING**

Client : QARYAT AL HIDD DEVELOPMENT
Consultant: Khatib & Alami
Location : ABU DHABI
Scope of Work : Structural Design & Detailing





- **ESAAD BUILDING**

Client : DUBAI POLICE
Consultant: AL BAYT AL JAMIL CONSULTANCY
Location : DUBAI
Scope of Work : Structural Design & Detailing






- **Elemental Day Surgical Center**

Client : SHAMS AL NAHAR CONTRACTING
Location : DUBAI
Scope of Work : Structural Design & Detailing for Roof








- **G+1+R (PJFRK070) PALM JUMEIRAH VILLA**

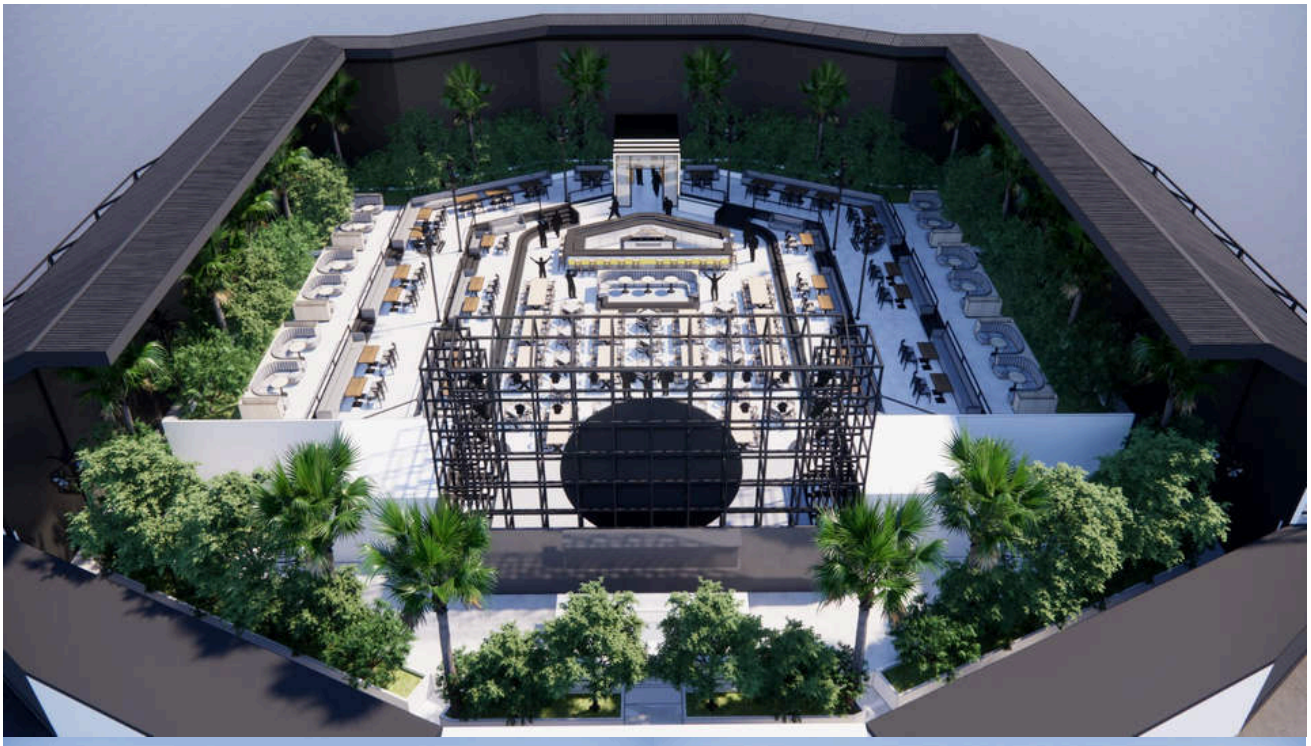
  Client/Consultant: Orient Crown Architectural Consultants
  Location : Palm Jumierah , Dubai - UAE
  Scope of Work : Villa Extension and strengthening

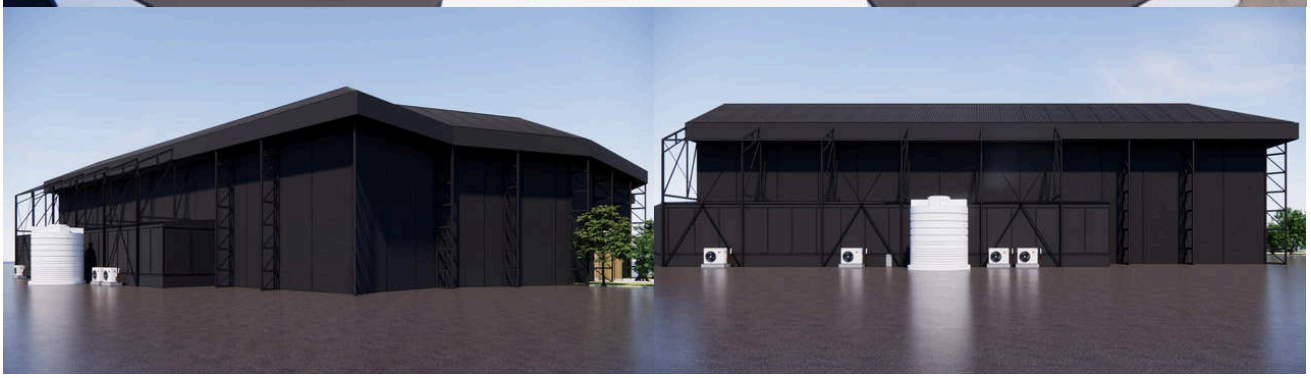


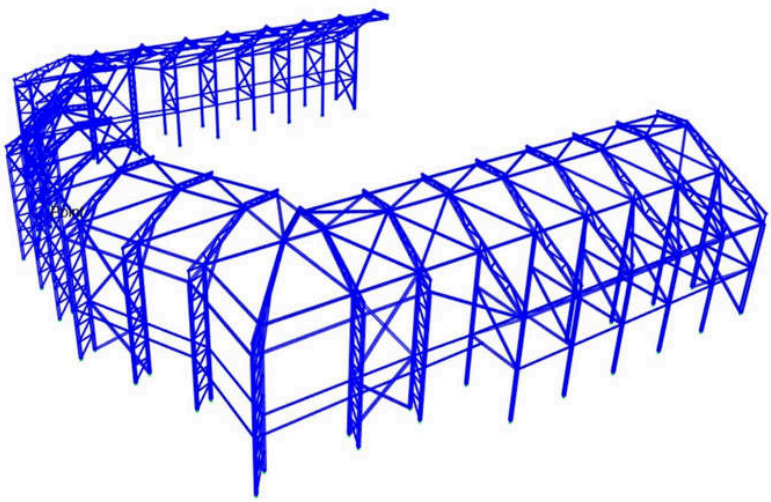


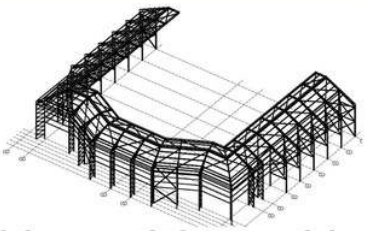
- **Acoustic Hall Festival City**

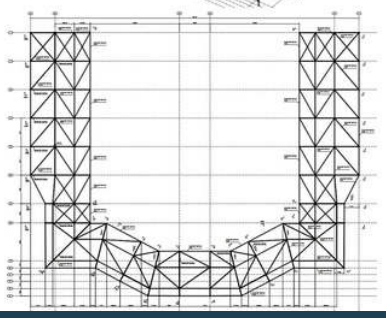
  Client/Consultant: Impart Design Group
  Location : Festival City Dubai - UAE
  Scope of Work : Full Engineering











- **SLB Main Office Modification**

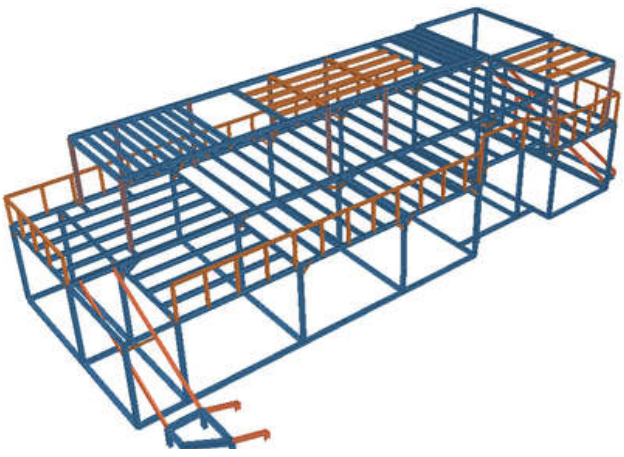
  Client/Consultant: Impart Design Group
  Location : JAFZA Dubai - UAE
  Scope of Work : Full Engineering



- **ADFW Executive Lounge**

  Client/Consultant: Out of The Box L.L.C
  Location : Abu Dhabi - UAE
  Scope of Work : Full Engineering



- **G+1+R (PJFRK072) PALM JUMEIRAH VILLA**

  Client/Consultant: Orient Crown Architectural Consultants
  Location : Palm Jumierah , Dubai - UAE
  Scope of Work : Villa Extension and strengthening

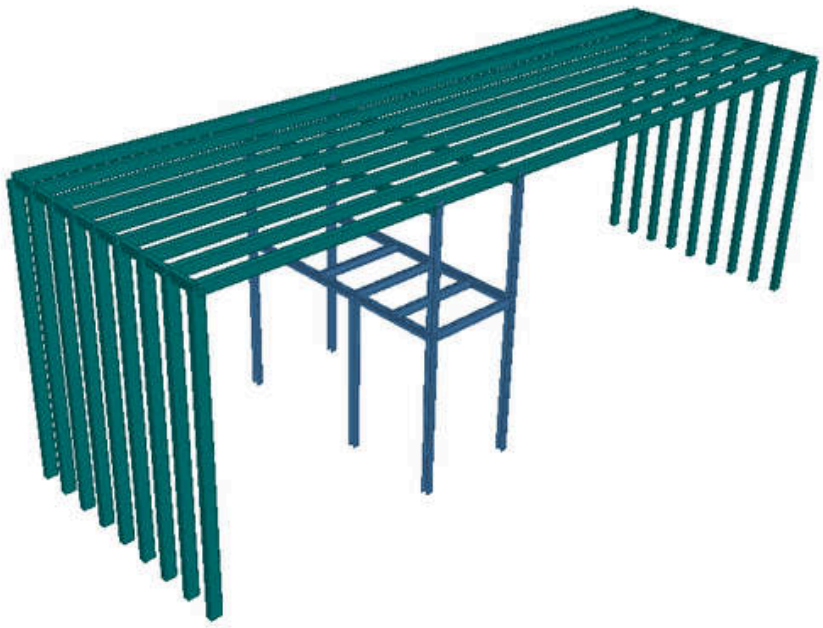




- **Millennum Estates Entrance Gate**

  Client/Consultant: AL ABBASI ENGINEERING CONSULTANCY
  Location : Dubai - UAE
  Scope of Work : Engineering Design



- **Domaine de Grissace Juice Factory**

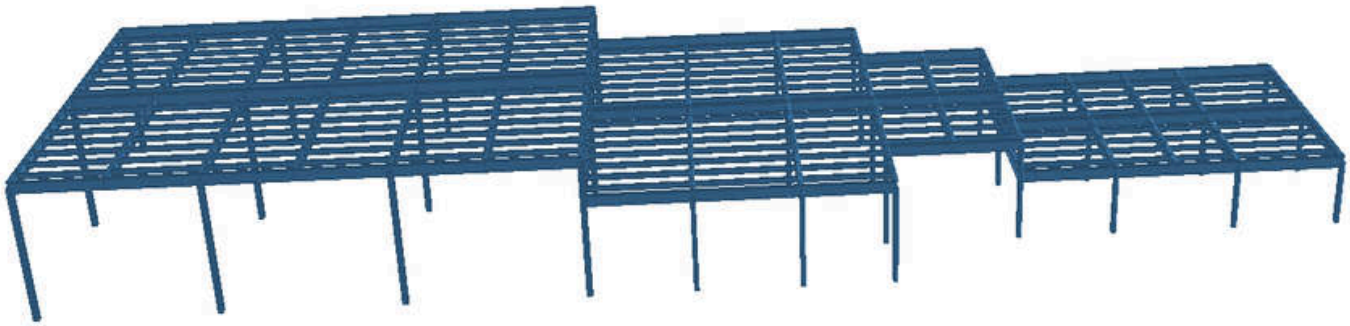
  Client/Consultant: Virginie Rober-Dufrendy Architecte DPLG
  Location : France
  Scope of Work : Design











- **Emaar Sales Centre**

  Client/Consultant: Emaar
  Location : Dubai , UAE
  Scope of Work : Design









- **Emirati Shcool**

  Client/Consultant: Eng Adnan Saffarini
  Location : Ajman, UAE
  Scope of Work : Design of Swimming Pools &Auditorium Steel Roofs






- **One Zabeel Link Bridge Metal Ceiling**

  Client/Consultant: WSP
  Location : Dubai , UAE
  Scope of Work : Design







- **Veronika Wedding at Ain Dubai Blue Water**

  Client/Consultant: Out of The Box L.L.C
  Location : Dubai, UAE
  Scope of Work : Design & Managemnt







- **Marina Mall Facade Upgradation Work**

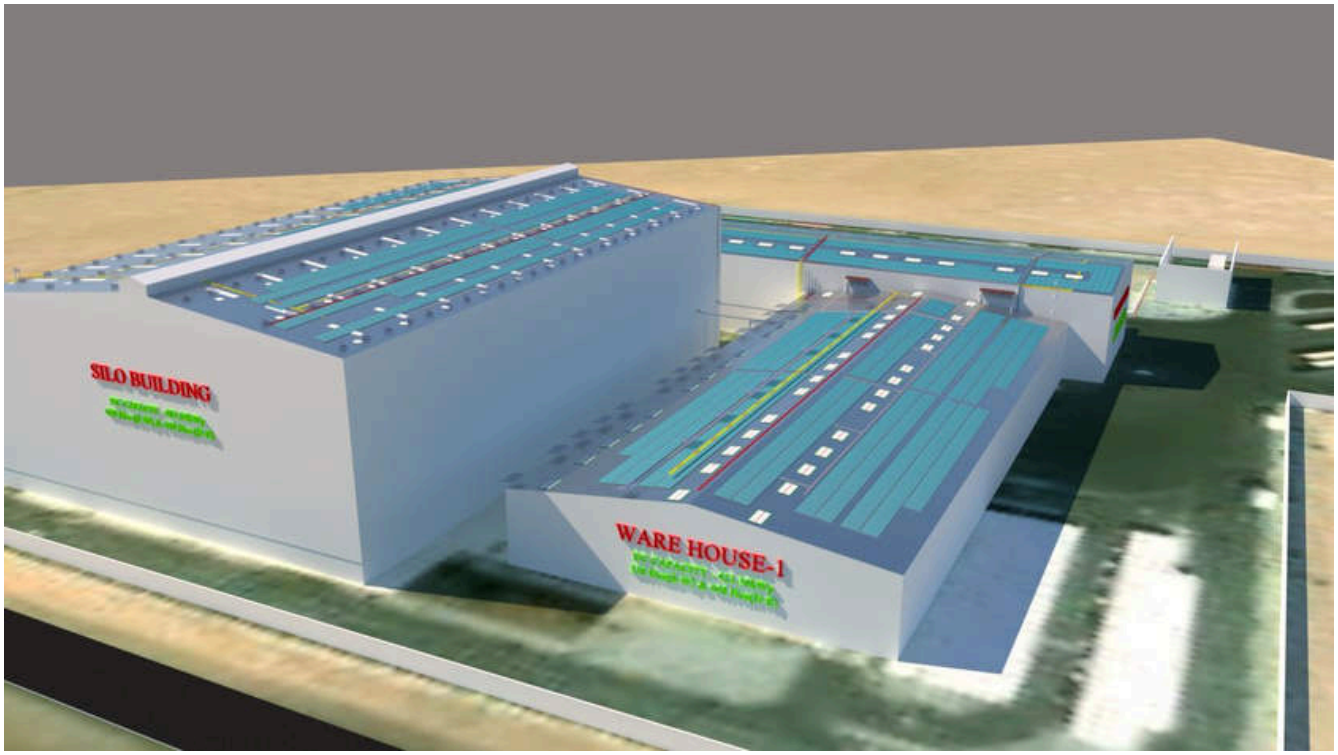
  Client/Consultant: WME
  Location : Abu Dhabi, UAE
  Scope of Work : Structural Design

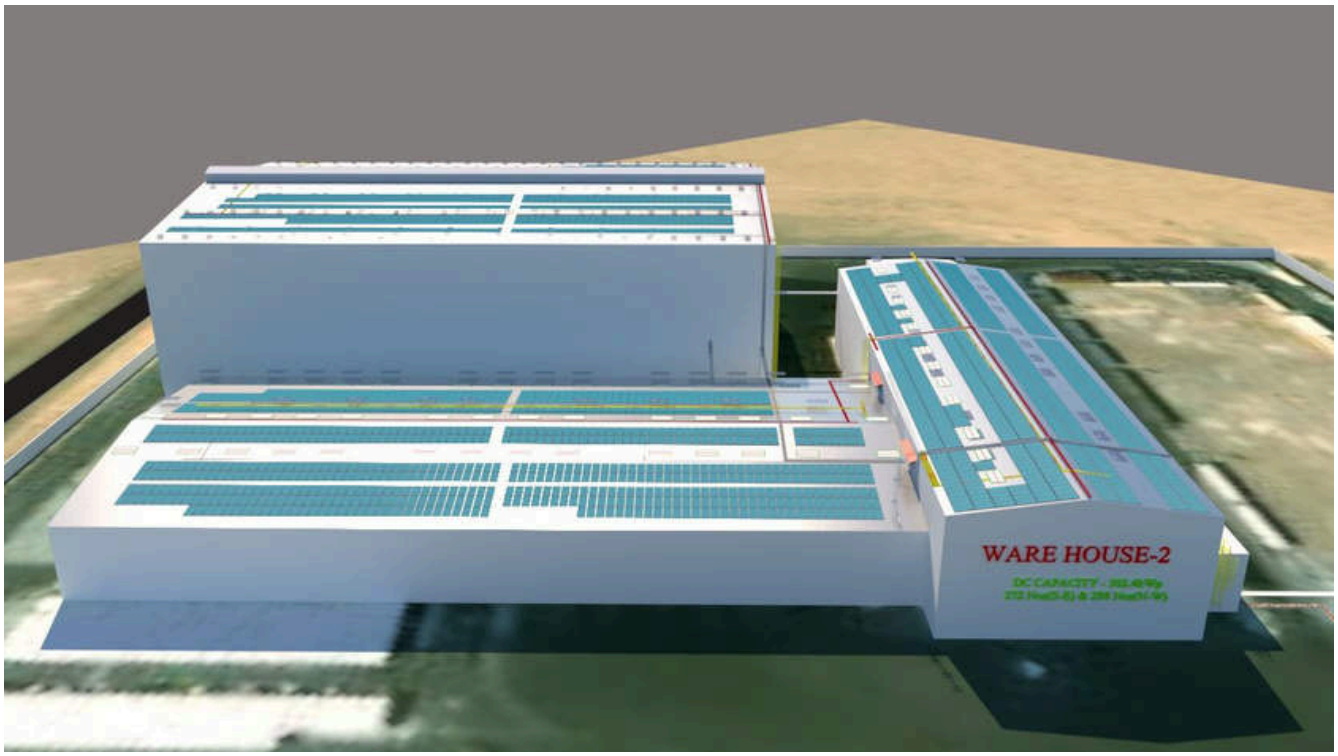




- **Al Dahra Food Industries Solar Project**

  Client/Consultant: Golden Falcon  L.L.C
  Location : Abu Dhabi, UAE
  Scope of Work : Structural Design



- **Al Dahra Food Industries Solar Project**

  Client/Consultant: Golden Falcon  L.L.C
  Location : Abu Dhabi, UAE
  Scope of Work : Structural Design





- **Villa V-75 at Dubai Hills**

  Client/Consultant: DAMAC CRESCENT PROPERTIES
  Location : Dubai , UAE
  Scope of Work : Structural Design for GRC Steel Frames





- **Cafe Del mar Island Bar**

Client/Consultant: Broadway
Location : Abu Dhabi , UAE
Scope of Work : Structural Design





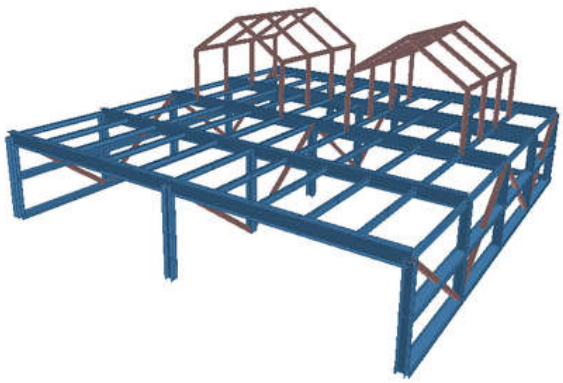


- **20 Pods Park Undeground Steel Structures**

  Client/Consultant: Armadillah
  Location : Rak
  Scope of Work : Structural Design







- **SKMC Hospital Renovation**

Client/Consultant: QA Construct
Location : Abu Dhabi, UAE
Scope of Work : Steel Structural Design



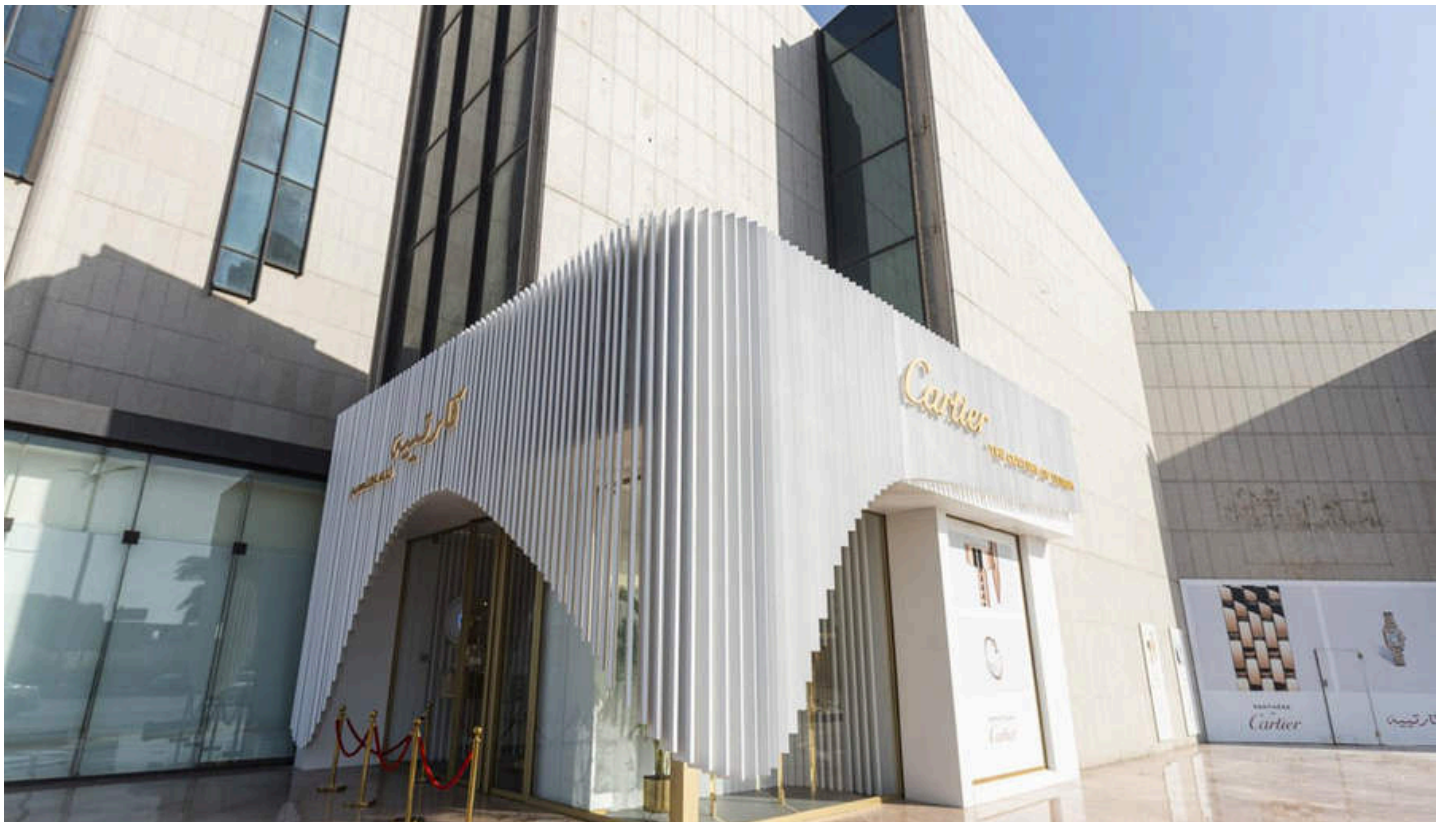

- **MUSHEIRIF GYM & PADDLE TENNIS**

Client/Consultant: QA Construct
Location : Dubai , UAE
Scope of Work : Steel Structural Design  & QS



- **Cartier Mall - Jeddah, KSA**

  Client/Consultant: Polvirini Middle East
  Location : Jeddah - KSA
  Scope of Work : Steel Structural Design for Facade




- **Van Cleef & Arpels at Dubai Mall**

  Client/Consultant: Polvirini Middle East
  Location : Dubai - UAE
  Scope of Work : Steel Structural Design

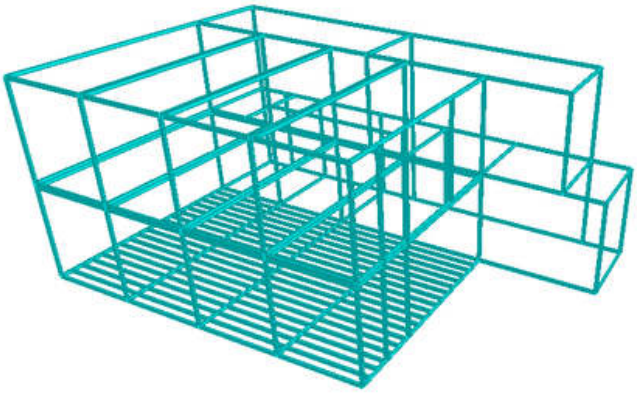





- **G+M Containers Structure**

  Client: Super Tech Industries l.l.c
  Location : DUBAI - Dubai Hills Estate
  Scope of Work : Structural Design



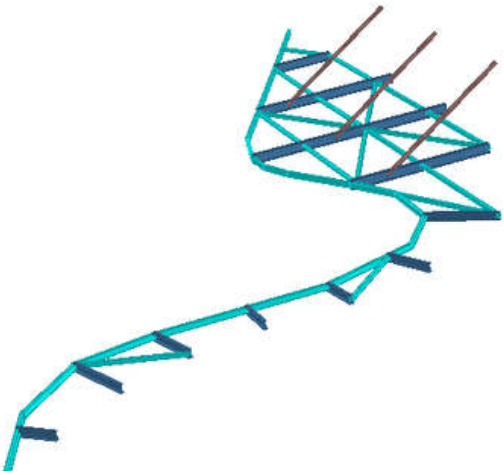


- **Various Steel Structures in Hilton Hampton Hotel**

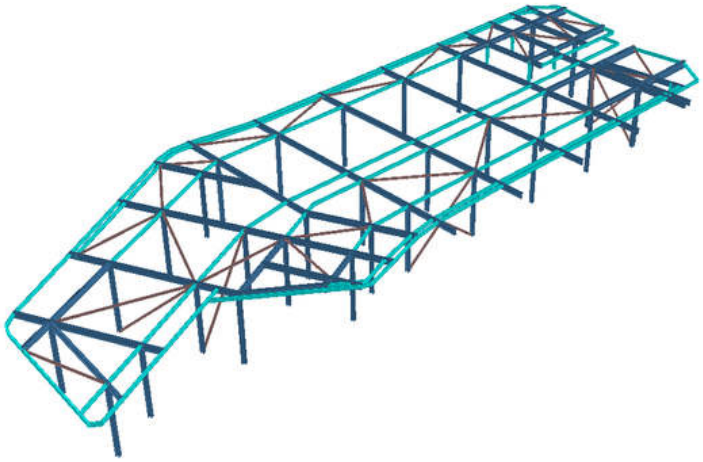
Consultant: JT&Partners Architectural and Engineering Consultants
Structural Consultant : Webb Yates & Esther - Engineers
Location : UAE - Mina Al Arab
Scope of Work : Structural Design



### 1. Entrance Canopy

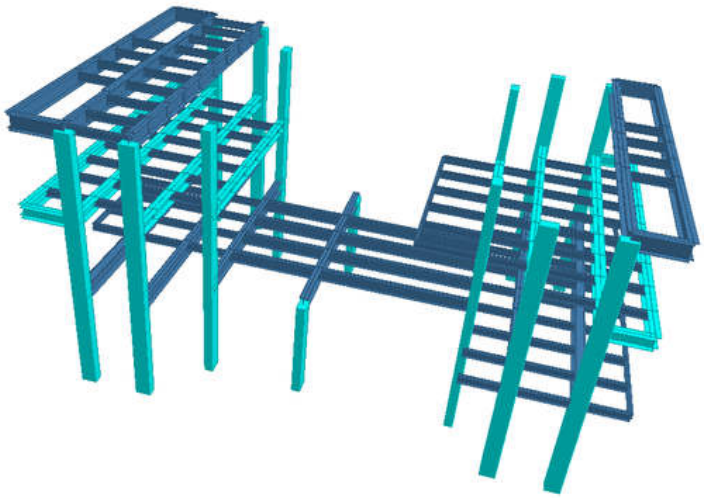


### 2. Two Roof Canopies



- **Twin Tower Double Tree connecting Bridge**

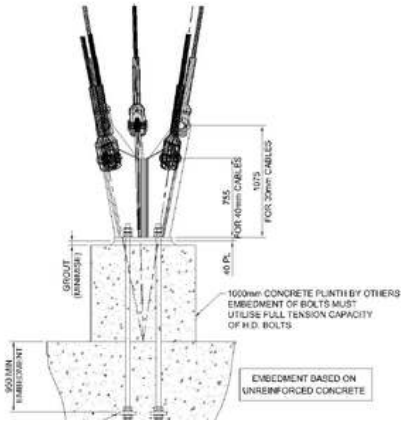
Client/Consultant: Designers Engineering Consultants
Location : RAK
Scope of Work : Structural Design
Special : Key Project

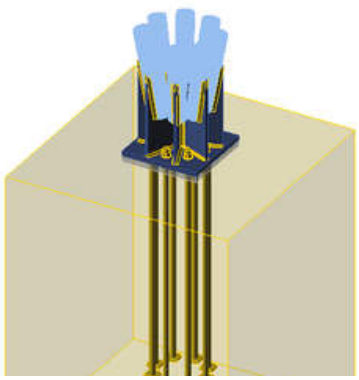


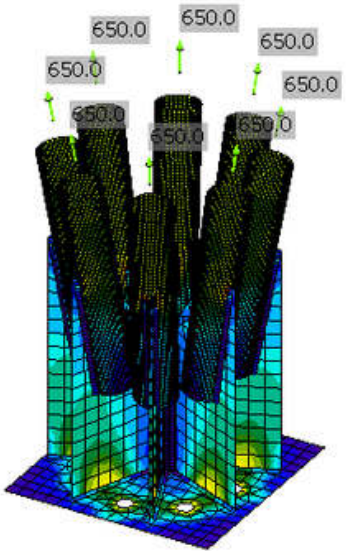


- **Brazil Pavilion - Expo 2020**

Consultant: MJU Engineering Consultancy
Location : UAE - Dubai Expo
Scope of Work : Structural Anchorage Connections Design

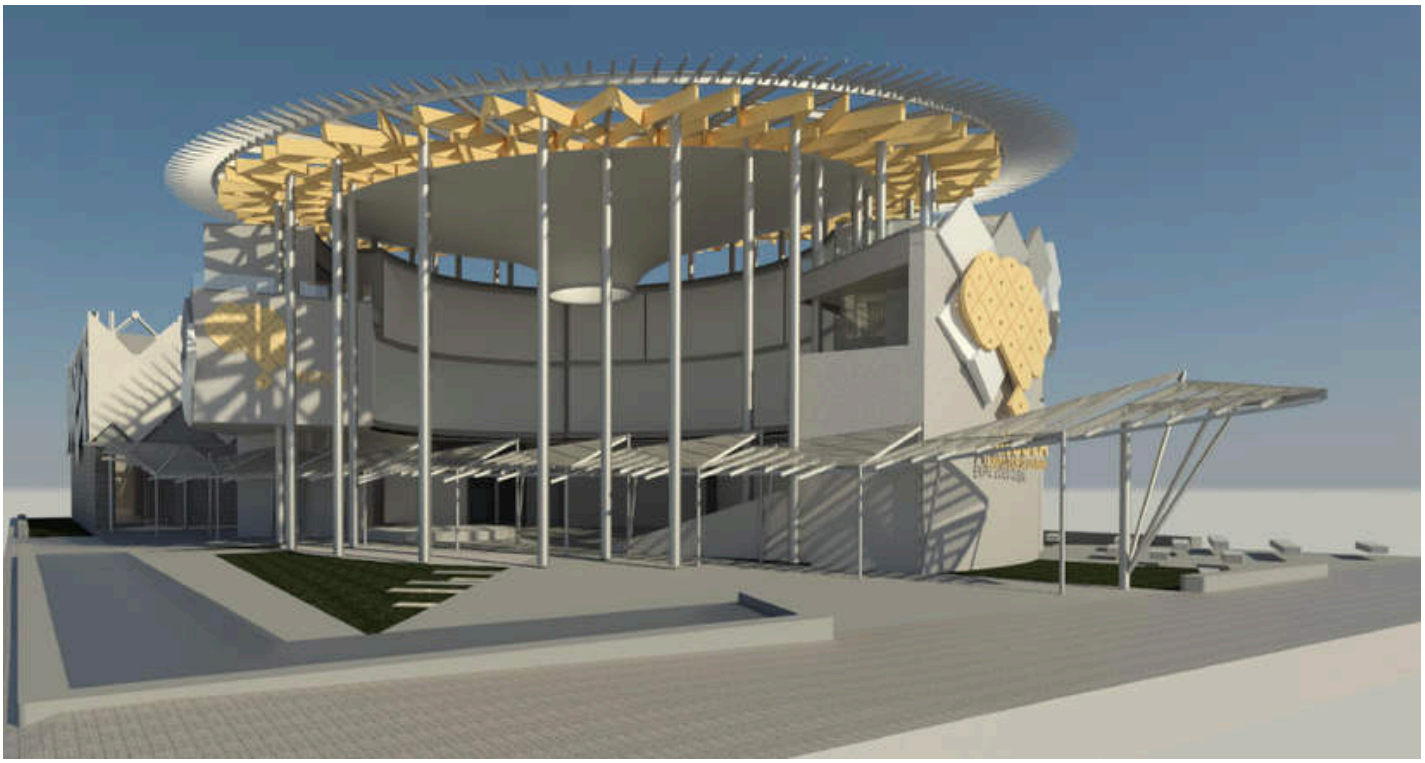


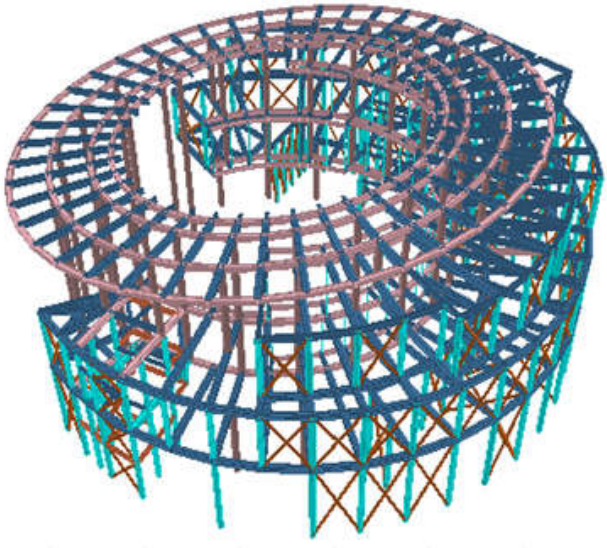



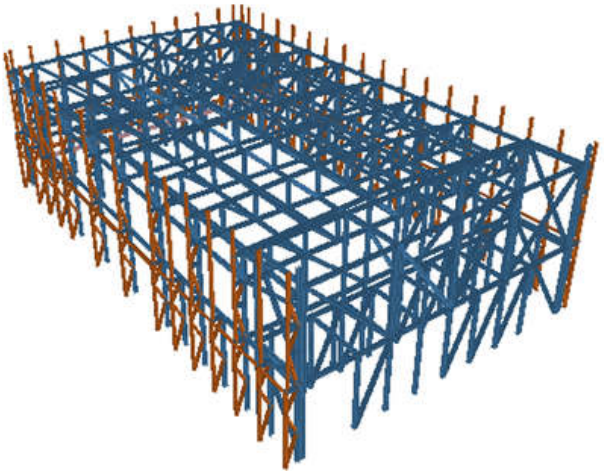


- **Angola Pavilion - Expo 2020**

Consultant: NSD Architectural Consultants
Location : UAE - Dubai Expo
Scope of Work : Modeling / QS



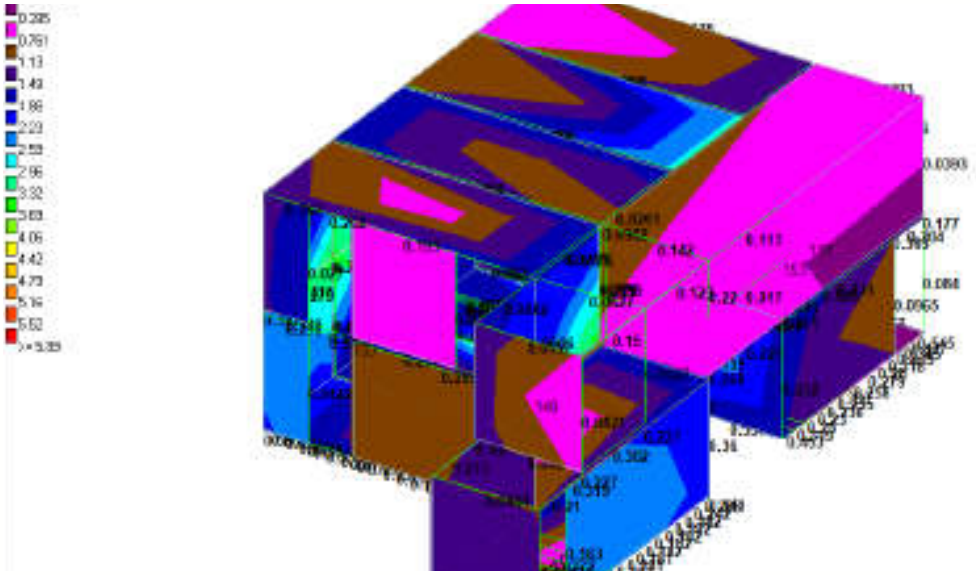




- **G+M Containers Structure Restaurant**

Client: Super Tech Industries l.l.c
Location : DUBAI - UAE
Scope of Work : Structural Design



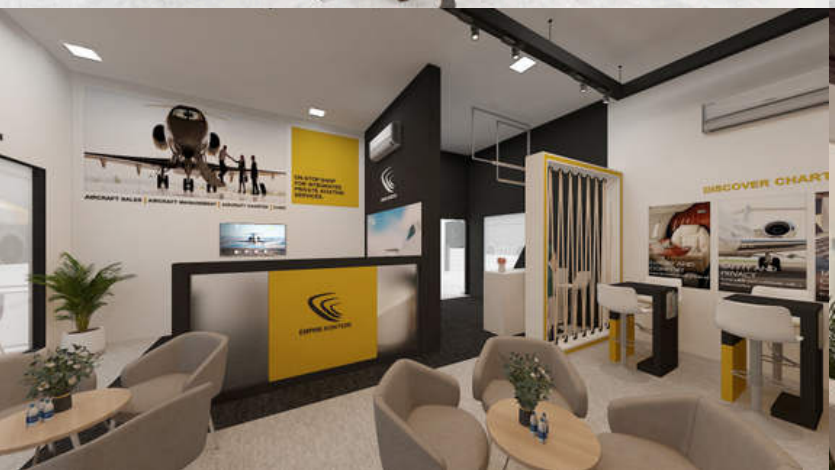
- **EMPIRE AVIATION - Dubai Air Show**

  Client: BLUAMOEBA
  Location : DUBAI - UAE
  Scope of Work : Structural Design

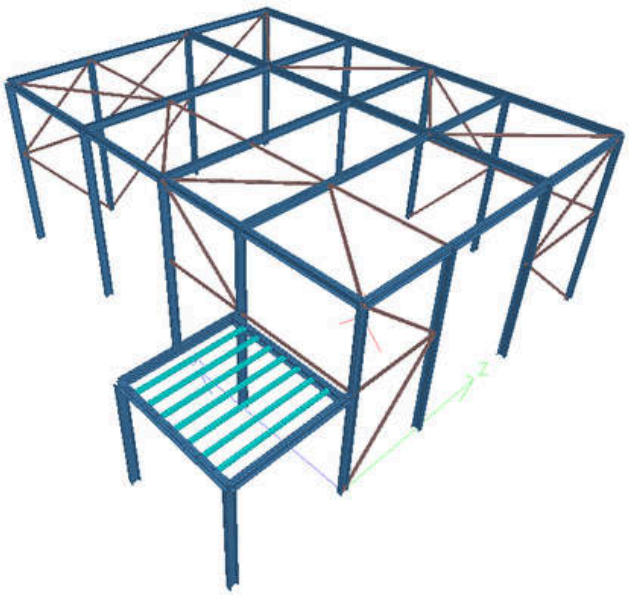








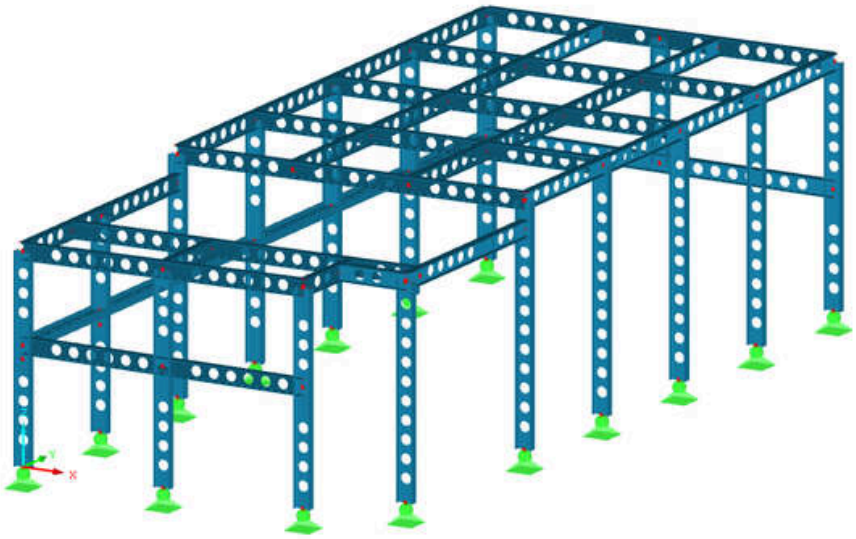


- **The B1 Mall Terrace Steel Structure**

  Client: CBD PROJECTS
  Location : DUBAI - UAE
  Scope of Work : Structural Design





- **Villa Steel Pergola at Roof Level**

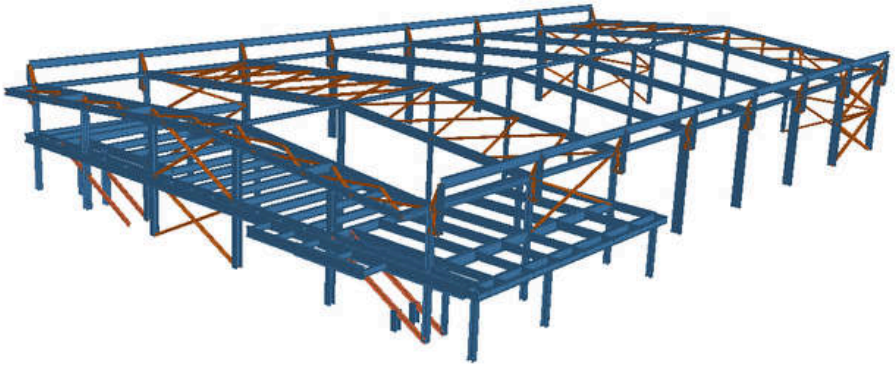
  Client/Consultant: Dubai International Contracting company L.L.C
  Location : Dubai- Nad Al Hamar
  Scope of Work : Structural  Design



- **G+M Plants Show Room Building**

Consultant : Arkiplan Engineering Consultants
Location : Dubai - Alqouz Industrial 3rd
Scope of Work : Modeling / Structural Design





- **2 Warehouses in DIC**

Client/Consultant: Golden diamond Engineering Consultants
Location : Dubai - DIC
Scope of Work : Structural Design





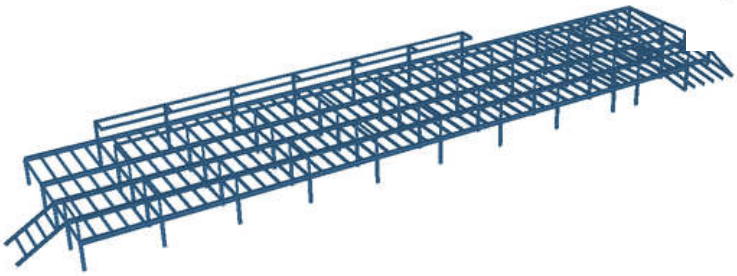
- **Steel Structure Car Parkings**

Consultant: Al Ajmi – Engineering Consultants
Location : UAE - Dubai Expo
Scope of Work : Modeling / Structural Design



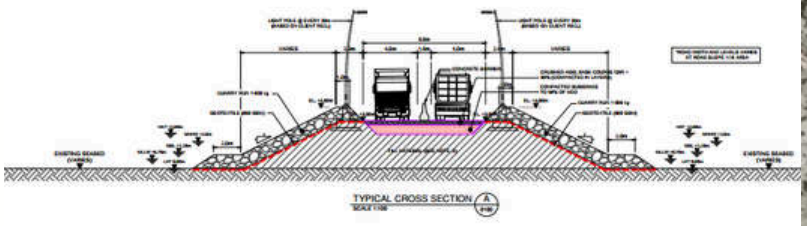


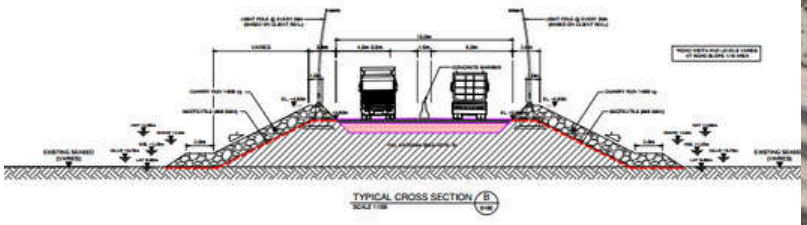


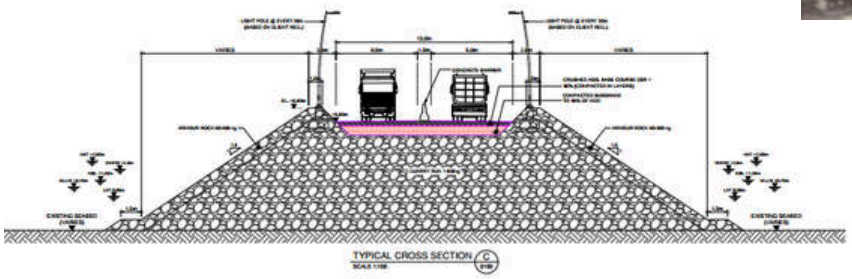



- **RAMHAN ISLAND CAUSEWAY AND FLOATING BRIDGE**

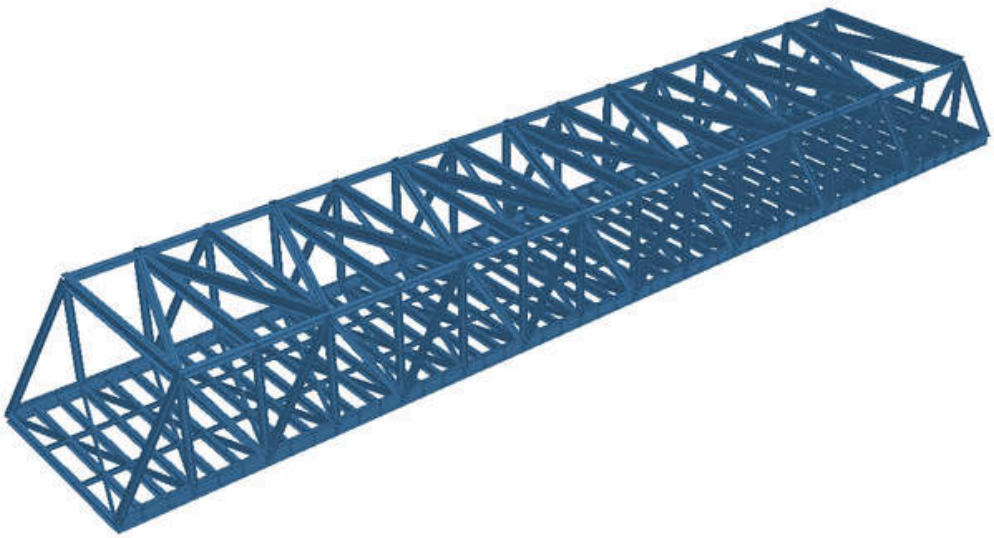
Client : QA Constuct Contracting L.L.C
Location : UAE - Dubai
Scope of Work : Concept Structural Design



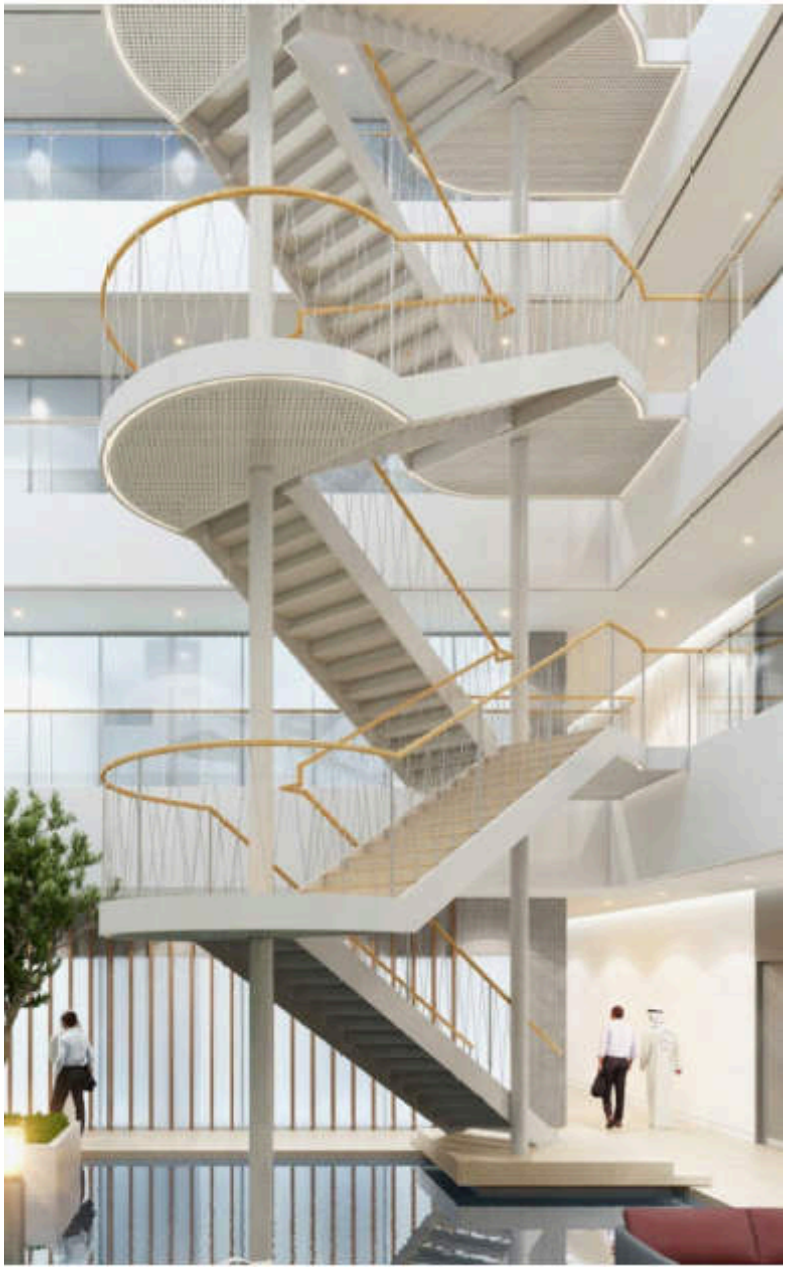



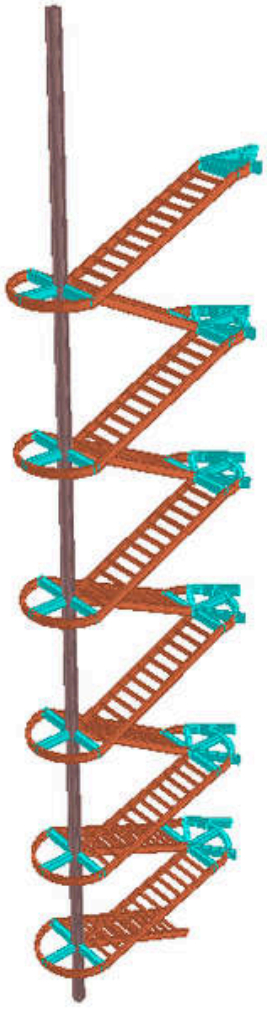


- **30 M Height Helical Straicase**

  Consultant: P&T Architicts & Engineers LTD
  Location : UAE - Dubai - Airport Freezone
  Scope of Work : Modeling / Structural Design

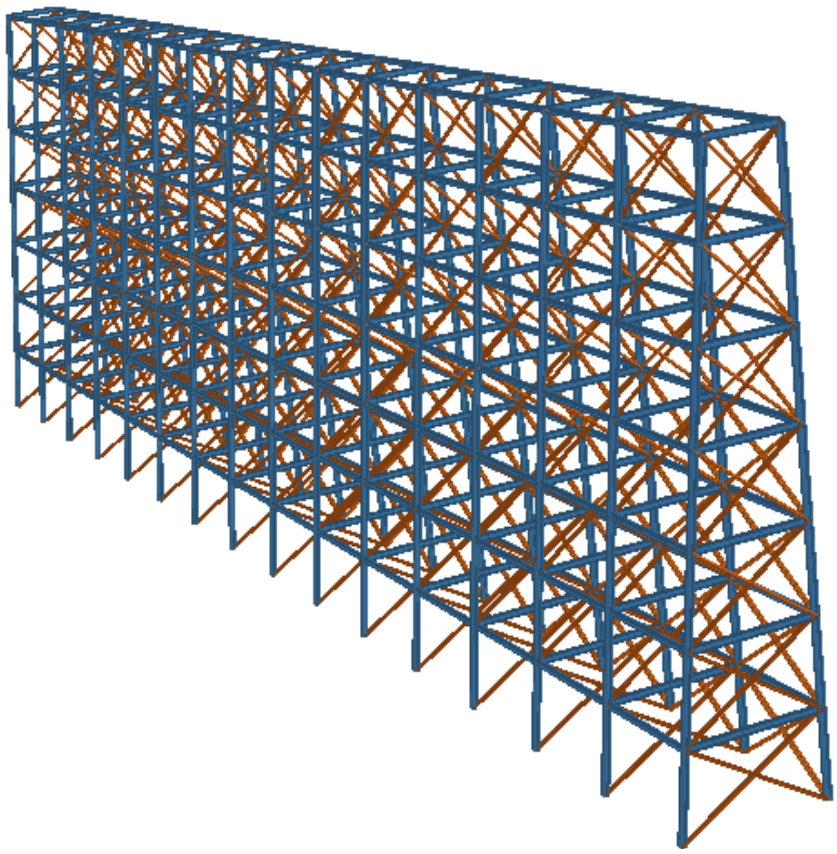




- **Street Advertising Board 75m x 24m**

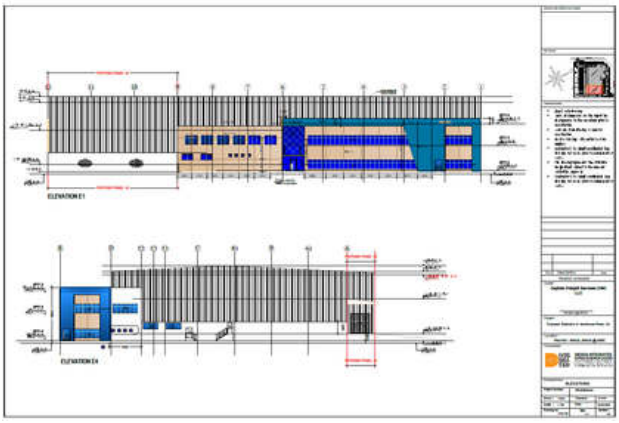
Consultant: Con.
Location : UAE - Dubai
Scope of Work : Modeling / Structural Design

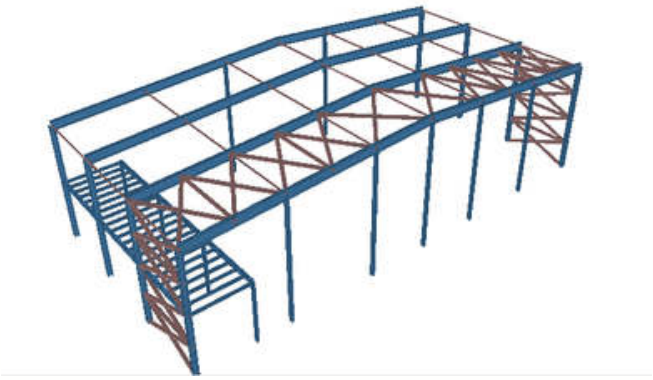


- **Steel Structure Roof Extension With Mezzanine**

Consultant: DESIGN INTEGRATED Arch.
Location : UAE - Dubai - DWC
Scope of Work : Modeling / Structural Design

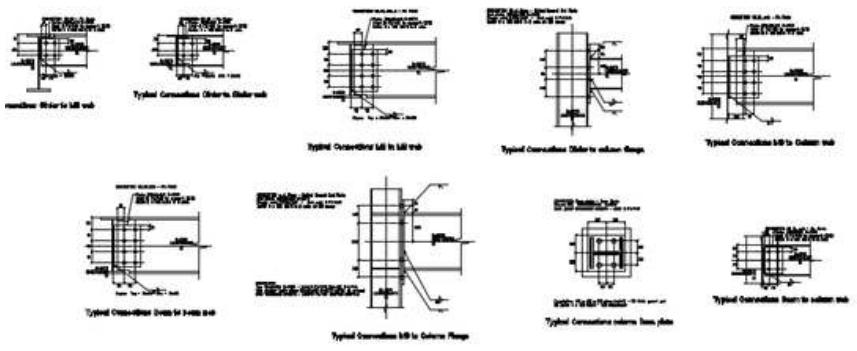




- **Additional Warehouse Mezzanine**

Client/Consultant: Apex Engineering Consultants
Location : Dubai - Al Quoz
Scope of Work : Structural  Design

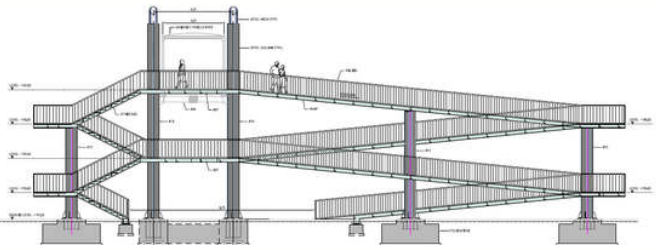


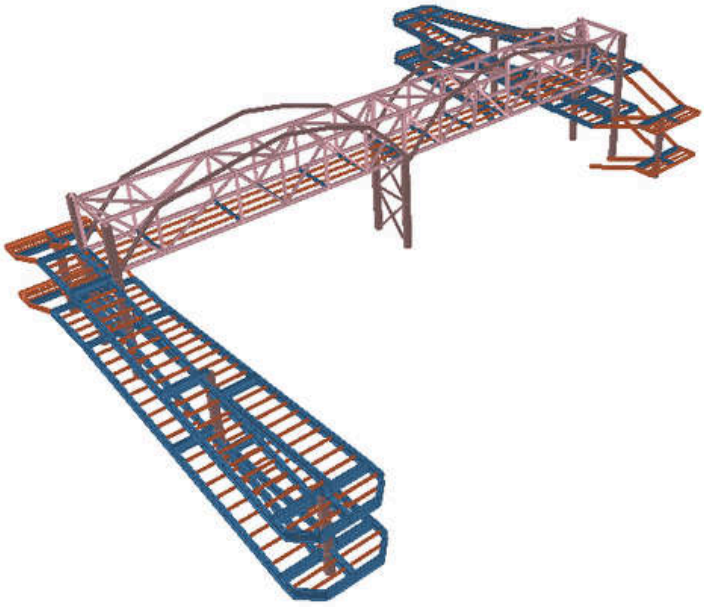


- **Pedestrian Bridge**

Consultant: Parsons
Location : UAE - Dubai
Scope of Work : Modeling

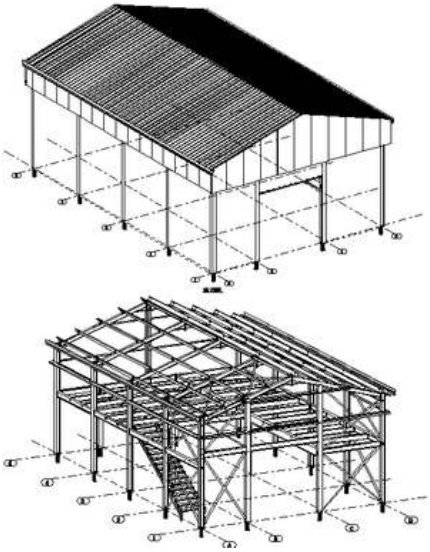


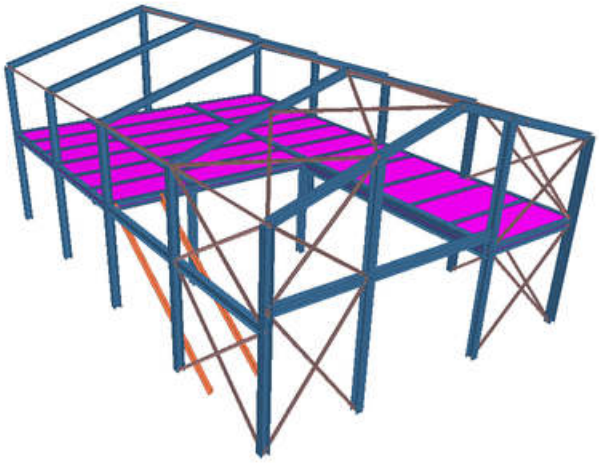





- **Proposed Warehouse & Mezzanine**

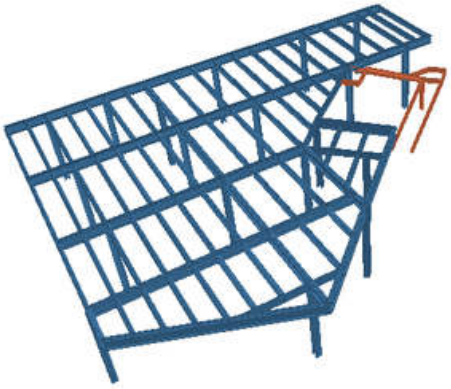
Consultant : Al Rouya Al Motakamela Architecture Consultants
Location : Dubai - DWC
Scope of Work : Modeling / Design

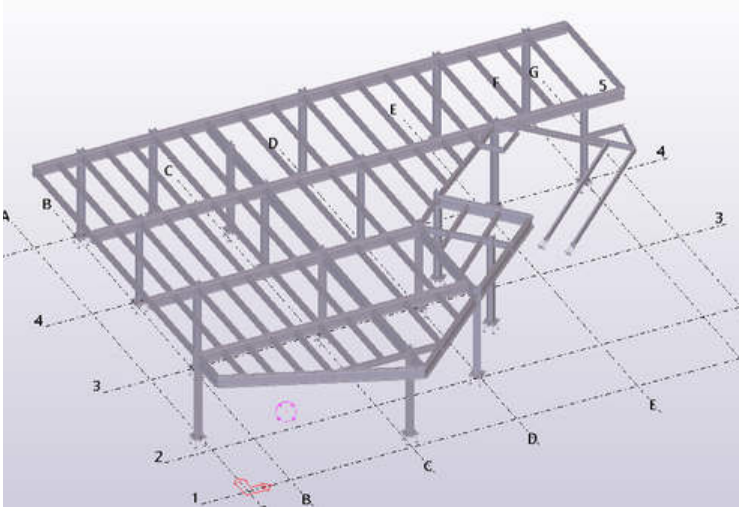


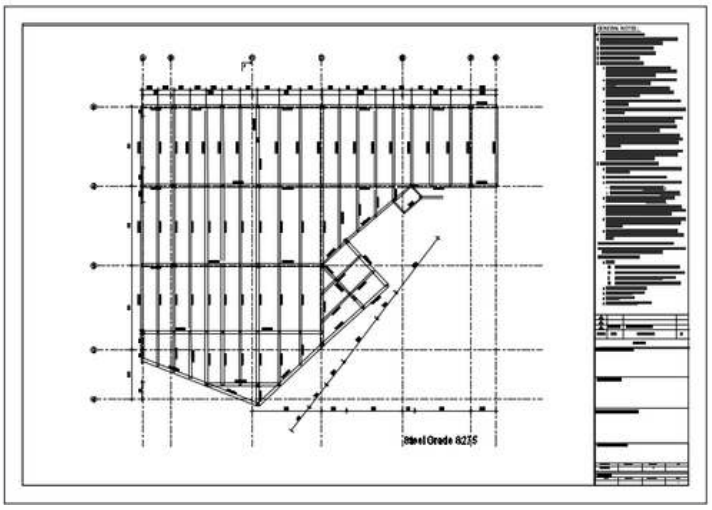


- **Additional Warehouse Mezzanine**

Client/Consultant: Pioneers Engineering Consultants
Location : Dubai - DIP
Scope of Work : Structural Design

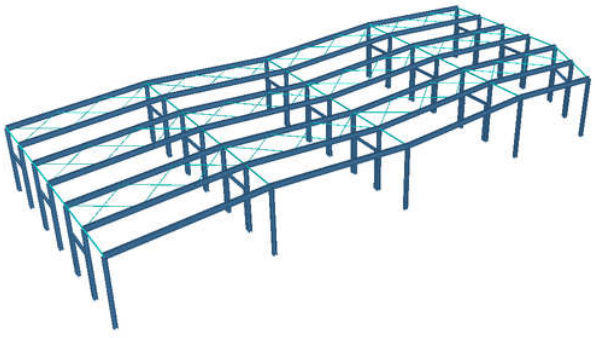




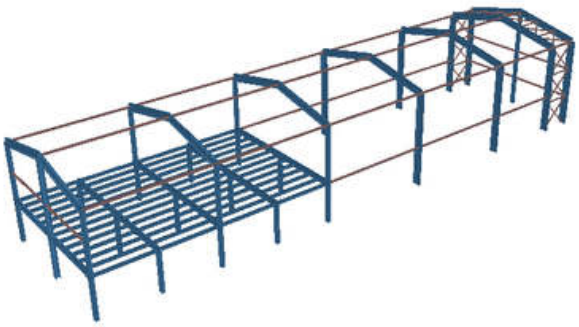

- **2100 M2 Multi-Span Warehouse**

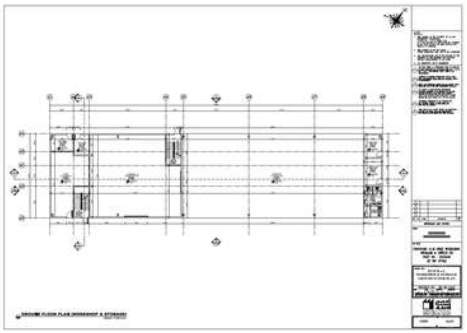
Contractor : Dubai National Construction LLC
Location : Dubai - DIP
Scope of Work : Modeling / Structural Design

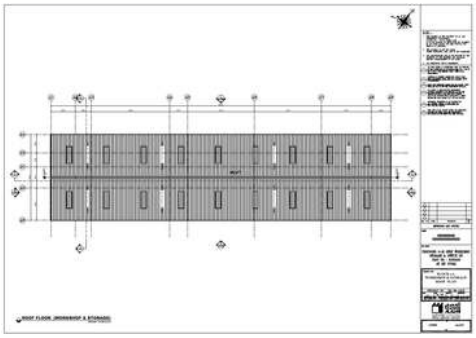


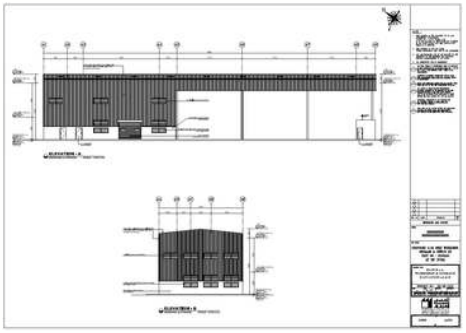
- **900 M2 Workshop + 345 M2 Mezzanine**

Client/Consultant: Al Ajmi – Engineering Consultants
Location : Dubai - DIC
Scope of Work : Structural Design - QS



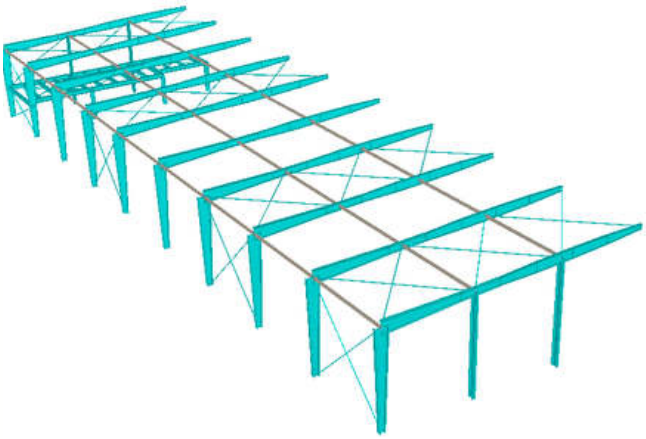


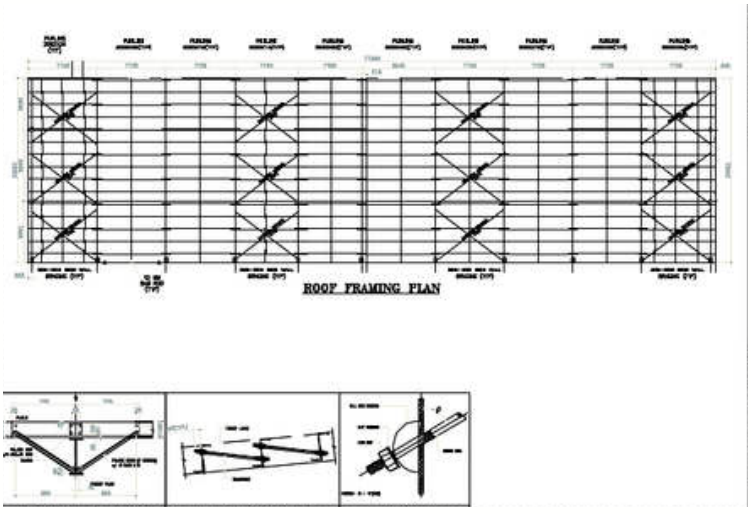




- **Warehouse Extensoin & Mezzanine**

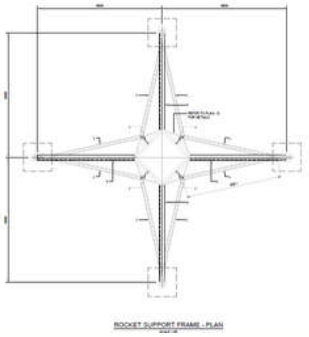
Client/Consultant: Global Orbit Engineering (GOZ) FZE
Location : Dubai - DIP
Scope of Work : Structural  Design - PEB

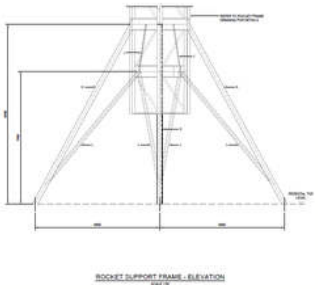


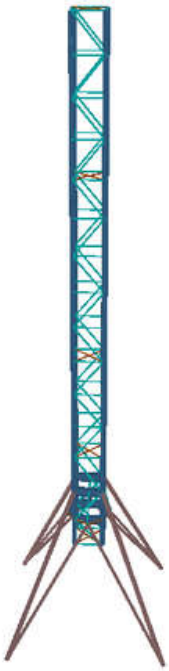


- **Rocket Frame for USA Pavilion**

Consultant : QA Construct contracting l.l.c
Location : Dubai - Expo 2020
Scope of Work : Modeling / QS

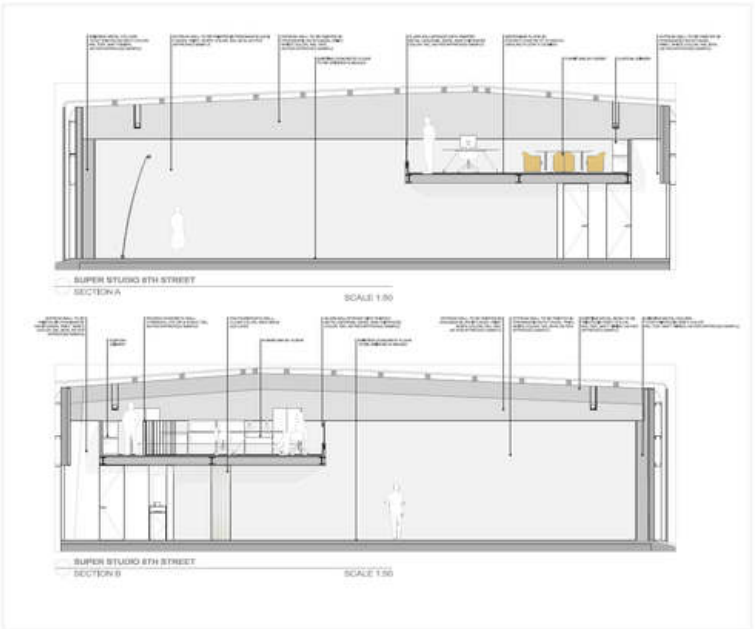


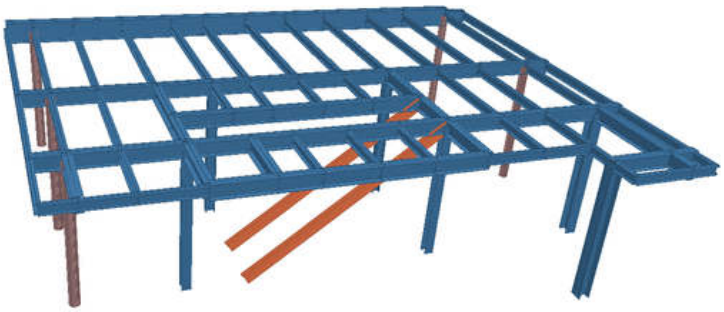




- **Show Room Mezzanine**

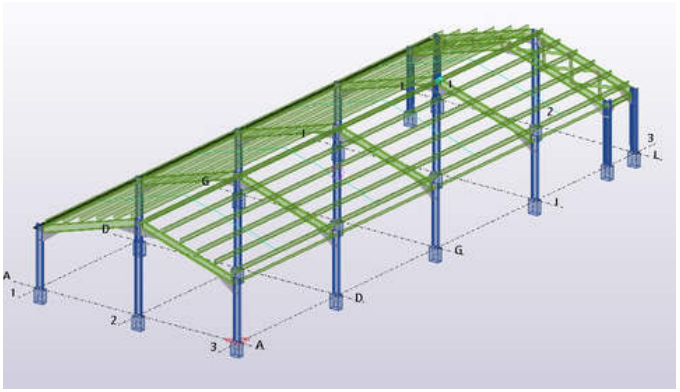
Consultant : TECTONIC AEC Architects and Engineering Consultants
Location : Dubai - Alqouz
Scope of Work : Modeling / Structural Design

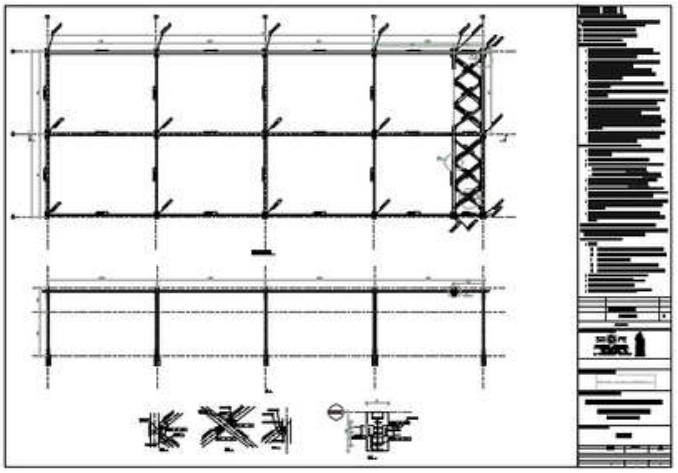




- **Steel Structure Warehouse**

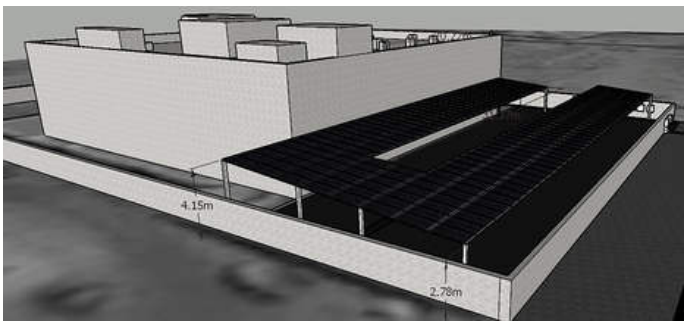
  Client: Mr.Mohammad Faisal
  Location : Al Ain
  Consultant : Scope Engineering Consultancy
  Contractor :New Capital Construction
  Scope of Work : Structural Design

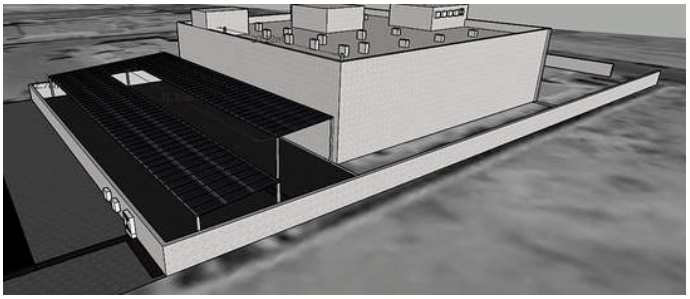




- **DLS Solar Panel Car Parking Shed**

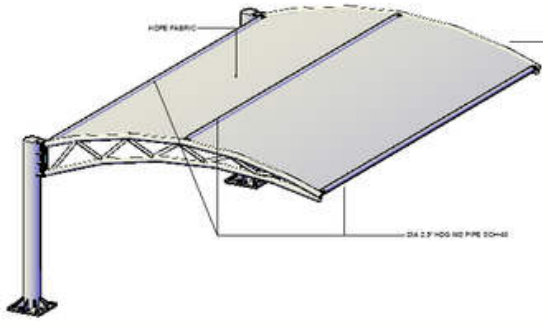
  Client: Ejhada Renewable Energy
  Location : Amman - Jordan
  Consultant : Dar Al Handasah
  Scope of Work : Structural Modeling and Design

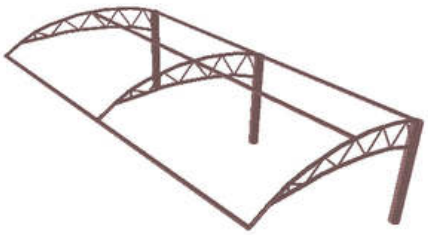


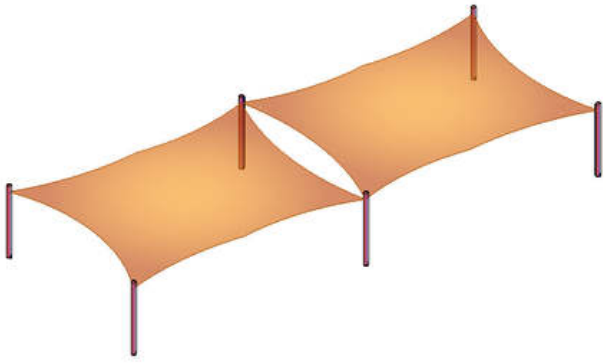



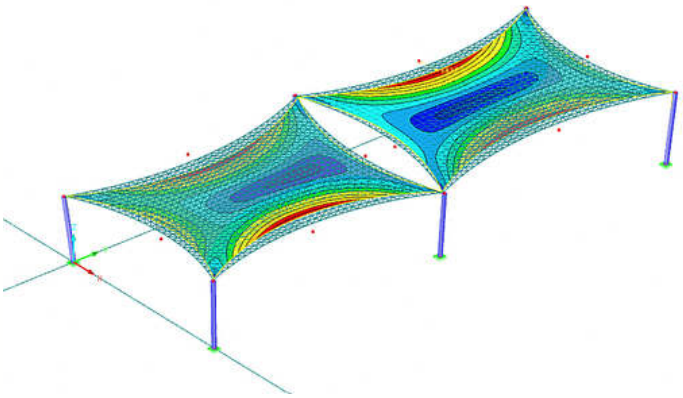
- **Miscellaneous Steel Structure**

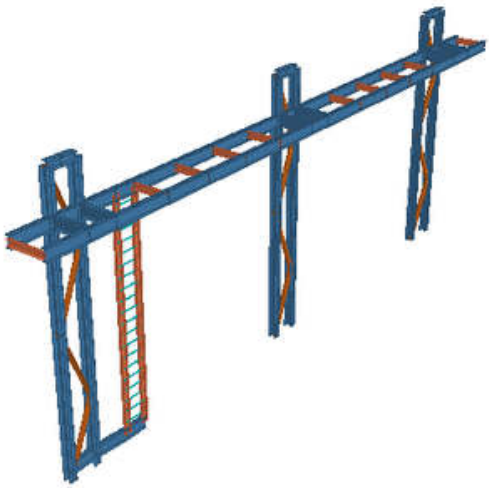
  Client: Ertifaa Aluminium & Glass LLC.
  Location : Al Ain
  Scope of Work : Structural Design





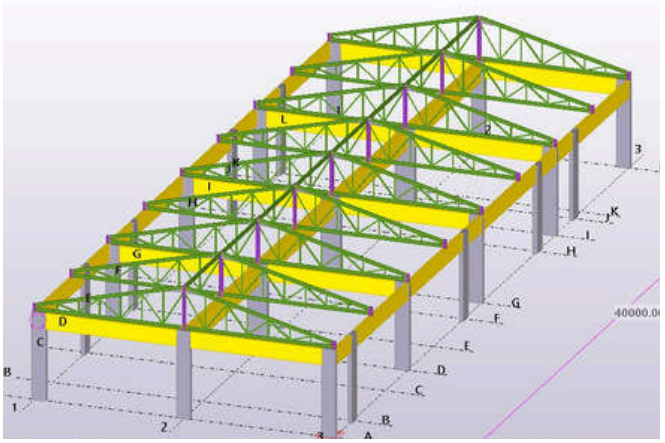






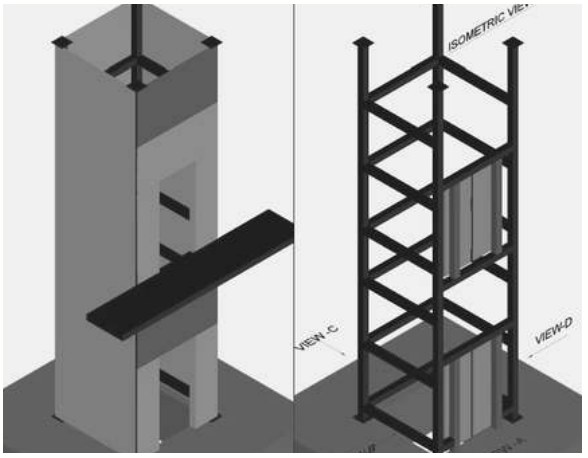
- **Steel Truss Roof Design**

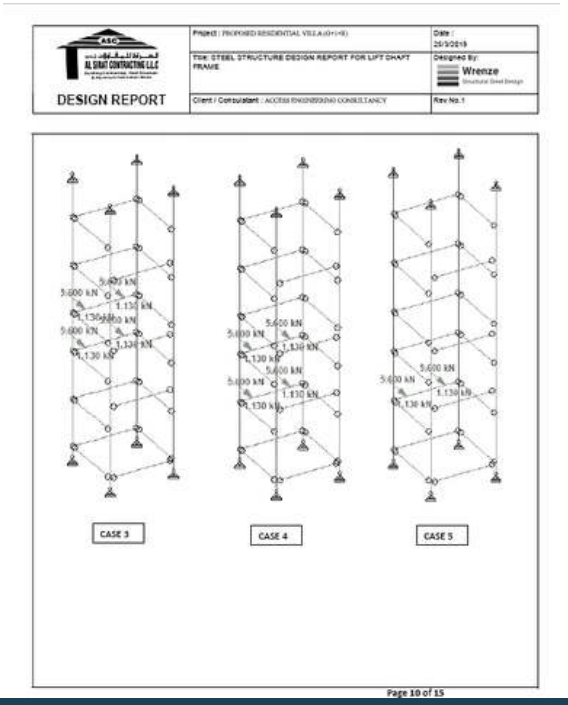
  Client: Mr.Mohammad Faisal
  Location : Al Ain
  Consultant : Scope Engineering Consultancy
  Contractor :New Capital Construction
  Scope of Work : Structural Design



- **12 Typical Steel Lift Frame**

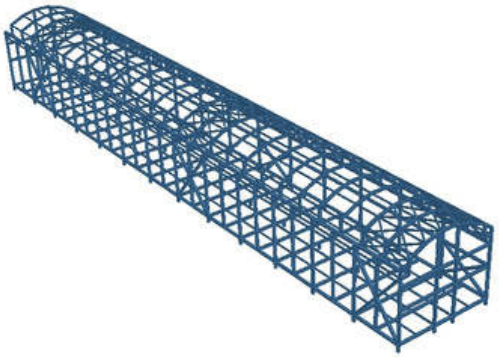
  Client: Mr. SAEED AHMAD ALTAYER
  Location : Nad Al Sheba - Dubai
  Consultant : ACCESS ENGINEERING CONSULTANCY
  Contractor : AL SIRAT CONTACTING L.L.C
  Scope of Work : Structural Modeling and Design

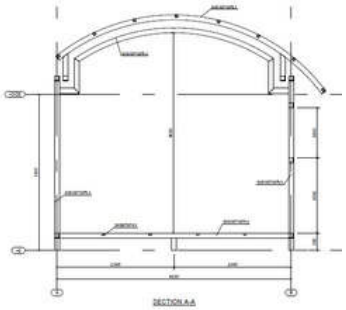


- **H-Hotel Social Club (Openable Roof)**

  Client: H-Hotel
  Location : Abu Dhabi
  Consultant : Vision Engineering Consultancy
  Scope of Work : Structural Design

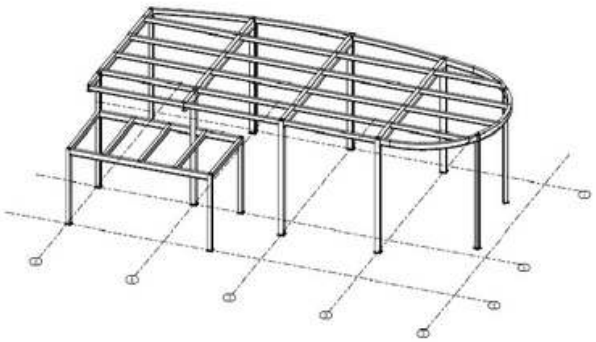




- **Steel Structure Home Gym**

  Client: Mr. Ahmad Ali Khalfan
  Location : AL Barsha - Dubai
  Consultant : Wander Werner Falasi
  Scope of Work : Structural Modeling and Design

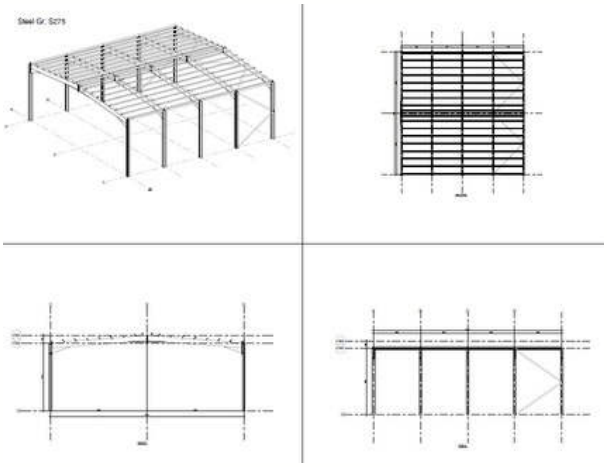




- **Proposed 31 Sheds in Dubai Fruit and Vegetable Market**

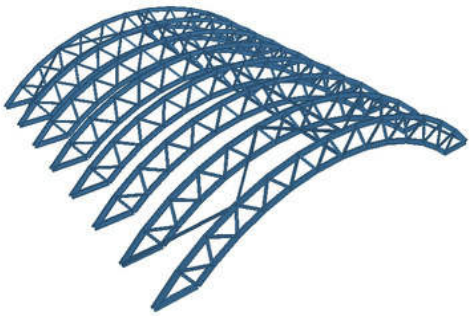
  Client: Dubai Municipality
  Location : Fruit and Vegetable Market - Dubai
  Scope of Work : Structural Design & Cost Estimation

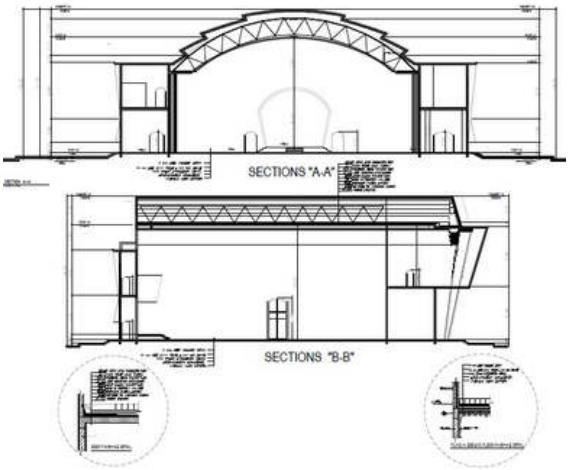




- **Curved Roof Truss Wedding Hall**

  Client: Mr. Ahmad Ali Khalfan
  Location : AL Barsha - Dubai
  Consultant : Arabesk Engineering Consultancy
  Scope of Work : Structural Modeling and Design





# Other Projects

| ID | Project | Client | Location |
|---|---|---|---|
| 1. | AC Steel Structure Platform at the Roof Level | Al Badi Construction Contracting L.L.C | Dubai - ALqouz |
| 2. | Anchorage to the Existing R.C.C Ware Tank | Al Manal Shading Company L.L.C | Qatar - Doha |
| 3. | Warehouse Roof Extension | Al Basha Steel Company L.L.C | UAE - Ajman |
| 4. | Villa Steel Structure Extension | Ali Salim Al Shibani | UAE - Dubai |
| 5. | Azerbaijan Pavilion Handrail Anchorage | Amzan Middle East L.L.C | UAE - Dubai- Expo 2020 |
| 6. | Palestine Pavilion Glass Parapet Anchorage | Amzan Middle East L.L.C | UAE - Dubai- Expo 2020 |
| 7. | UK Pavilion Lift Hook | QA Construct Contracting L.L.C | UAE - Dubai- Expo 2020 |
| 8. | Czech Pavilion AC Chillers Platforms | QA Construct Contracting L.L.C | UAE - Dubai- Expo 2020 |
| 9. | Circular Steel Lift Shaft | Al Basha Steel Company L.L.C | UAE - Dubai |
| 10. | Additional Mezzanine in DIC | Smark Desk Interior L.L.C | UAE - Duba |
| 11. | Additional Mezzanine Offices & Toilet | Hancon Contracting Comapny L.L.c | UAE - Duba |
| 12. | Interior Steel in the Address Foundatin Views | lafayette Technical Services l.l.c | UAE - Duba |
| 13. | Steel Warehouse & Mezzanine | Al Sirate Steel Construction L.L.C | UAE - Sharjah |
| 14. | Additional Mezzanine | Al Sirate Steel Construction L.L.C | UAE - Dubai |
| 15. | Two Pedestrain Bridge Lift Shafts | Ajman Municipality | UAE - Ajman |
| 16. | Steel Commercial Building and Warehouse | Department of Urban Planning | UAE - Abu Dhabi |
| 17. | Connections Design For Ticket Office | Hilaco Contracting Company | UAE - Dubai |
| 18. | Car Parking Shed | Ertifaa ALumnimum And Glass | UAE - Al Ain |
| 19. | | | |
| 20. | | | |

# COMPUTER SOFTWARE

Bentley

- Staad Pro V8i
- Staad Foundation Advanced
- Staad Concrete Advanced
- Ram Connections
- Limcon

CSi

- ETABS
- CSI SAFE
- Saap 2000
- CSI Bridges

Trimble

- Tekla Structure
- Tekla Structural Designer
- Tekla Tedds

AUTODESK.

- AutoCAD
- Autodesk Revit
- Advance Steel

Dlubal

- RSTAB
- RFEM
- Dlubal Crane Way

- **Other Applications**
  - Hilti Profis Anchor
  - Master Series
  - Idea Statica
  - Prokon
  - Own Excel Spreadsheets

# WRENZE STEEL

Structural Steel Design and Detailing



# RELIABLE ECONOMIC DESIGN

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