

## Company Profile

**RR Consultancy FZC  
UAE**

**Simplifying Construction Process**

## About Us

- Established in 2011 at Ajman Free zone, UAE with Support Offices in India , we cater to all construction related services with special focus on Shop Drawing Production (AutoCAD and BIM), Engineering Calculations , Planning, Measurements, QS, Contract Administration and Claim related Services.
- We are committed to time bound delivery of services with Zero tolerance approach as regards the quality.



# What We Offer

**MEP  
Design  
Services**

**Drafting  
(AutoCAD  
and BIM)**

**QS  
Services**

**Planning  
Services**

# Design and Drafting Services

## Mechanical

Design and drafting of HVAC services.

Duct sizing and design layouts.

Equipment piping and design layout

Design and development of construction plan drawings

Details, schematics, schedules, legends and control diagrams

Mechanical equipment layouts, submittals and elevation drawings

As-built, specifications, co-ordination drawings, shop drawings and addendums

Heat load calculations, duct design and piping layout

Plant room layout

Building energy calculations

Schematic heating and cooling system design

Heating and cooling equipment selection

Heat loss and/or gain calculations







# Design and Drafting Services

## Plumbing and Drainage

Establish plumbing Loads - Load analysis

Establish utility stub outs and pipe sizes

Locate and coordinate pipe sleeve requirements

Determine pipe chase space requirements

Specify sanitary fixtures

Water supply and distribution plans and details

Wastewater collection system

Design and Drafting services for domestic water plumbing set up

Design and Drafting services for Drainage system

Compressed air and medical gas system plan drawings

Isometrics, Riser diagrams, details, schematics and schedules

Legends and addendums supplement plumbing construction drafts

Equipment Schedule

Sizing of Water Piping Systems

Sanitary Drainage

Rain and Storm water system

Traps, Interceptors & Separators

Standard or Specialized Waste systems

Hot and Cold water distribution systems

Process Piping

Car Washes

Commercial Kitchens





# Design and Drafting Services

## Electrical

Electrical Load calculations and equipment selection

Lighting, Power and Control Layouts

Exterior, Landscape, Facade Lighting and Photometric Study

Preparation of Electrical Schematics

Electrical site plans

Electrical single line diagrams (Riser Diagrams)

Electrical panel schedules and distribution panels

Wiring Diagrams

Cable/harness Drawings

Security and Communications systems

Voice & Data Network

AV System

MATV & CCTV System

Security Systems

Uninterruptible Power Supply

Lightning Protection and Earthing Systems

Building Management Systems

Fire Alarm Design

Addressable systems with various types of detection devices

Emergency power systems



## Key Projects (2015-17)

Doha Metro Red Line South OTE Duct Shop Drawings

Mall of Qatar Hotel, Doha, Qatar (MEP)

Lusail Tower, Doha, Qatar (MEP)

Ezdan Hotel Expansion, Doha, Qatar (MEP)

Mshreib Downtown Phase 3

Dubai Mall Modification Works ( 7 areas), UAE

LAPITA Hotel. Jebel Ali, UAE

SADARA SOLID & LIQUID BUILDINGS , JUBAIL, KSA



## Office Locations

### UAE

**HO: SM-Office-E1-4219E, Ajman Freezone, Ajman**

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### India

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