



EMC

Expertise To Create Sustainable & Green Future

ABOUT US

Electro-Mech is Mumbai based, fast growing Multi-discipline Building Engineering Design and Consultancy Organization with well qualified, competent and highly experienced technocrats. Backed by a dedicated and experienced team of engineers and skilled work force to optimize time, efficiency, resources and manpower to deliver comprehensive building engineering solutions.

Electro-Mech is formed in 2009 by Mr. Rupesh Gujarathi & Mr. Rupesh Umtol. In a span of less than two years Electro-mech has grown from 25 projects to 182 projects with the magnitude of 5,000 sq.ft. area to having a single project of 40,000,00 sq.ft. area.

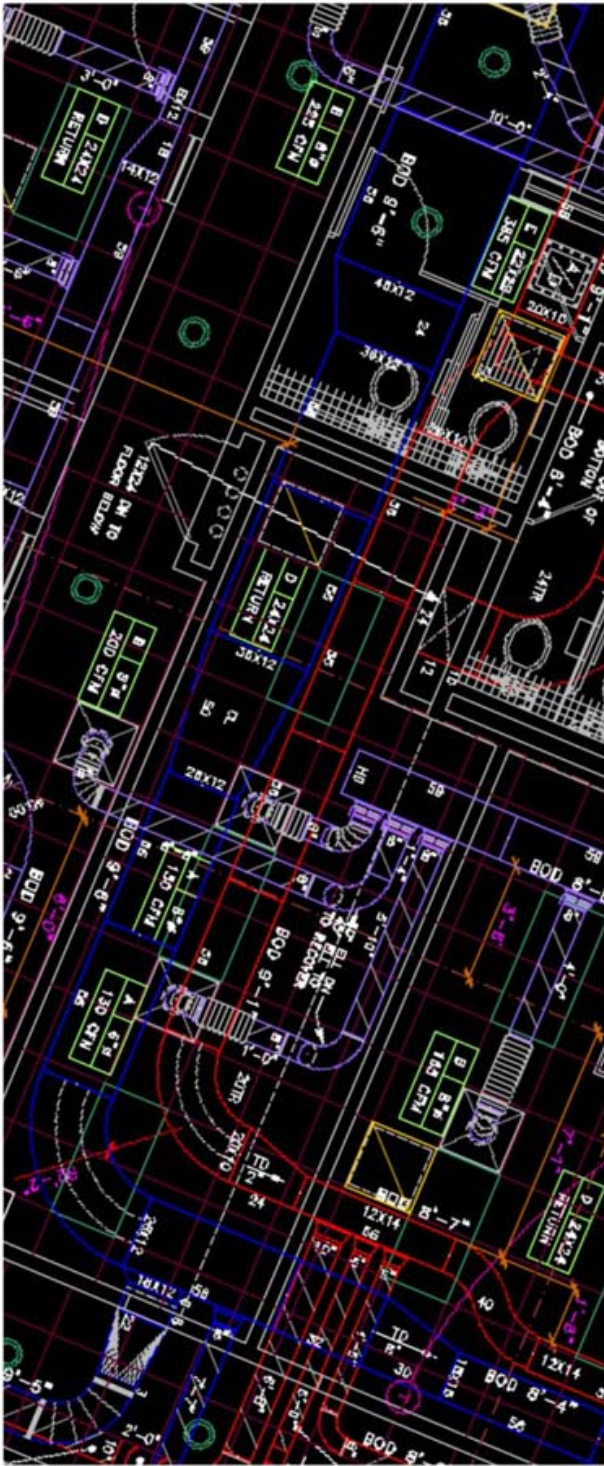
We envisage being a leading Engineering Consultancy Organization in our sector, delivering high quality technical and managerial services for Sustainable & Green Future with profitable growth.



DESIGN GOALS

- It is proposed to design and integrate all building services / systems with following overall design goals:
- Effective building systems are to be designed with utmost care and concern to satisfy the safety, statutory and functional requirements with use of technical design excellence to create sustainable buildings which can enhance the Environment.
- Energy efficient performance and overall control with the use of latest and proven technology.
- Efficient performance with reliable, dynamic, flexible & interchangeable system design. To set new standards of Quality & Perfection in Building services design.
- Ease of operation and maintenance. Silent operation. To minimize wastage of water, energy and other resources.
- Economy both in capital and running cost. To optimize time, efficiency, resources and manpower to deliver comprehensive building engineering solutions.
- Environmental protection. To work with clients, architects, contractors, societies and the community to create awareness about the environment. Use of green technology & optimum utilization of natural resources.
- Emergency backup and optimum redundancy. To maximize resources to provide for the future generations.
- Expandability with modular system design.

“ At Electro-Mech, creating Sustainable Green Design Solutions is our forte, and it entails benefits on various fronts like Environment, Energy Conservation, and Finance etc. ”



PROFESSIONAL SERVICES OFFERED

a. ELECTRICAL

- Electrical Power Generation, Distribution & Utilization Systems (HT/LT/ELVP)
- Emergency Power Supply D.G. Set, U.P.S. etc.
- Illumination – Lighting Design
- Communication Network LAN & Telecom System.
- Fire Alarm, detection & Protection.
- Security and Access Control System
- Integrated Building Management Systems (IBMS) / Automation
- Vertical Transport System (Lifts, Escalators etc.)

b. HVAC

- Central Air Conditioning systems.
- Refrigeration & Cold Storage.
- Gas based Evaporation Cooling
- District Cooling Systems.
- Thermal Storage Systems.
- Mechanical Ventilation Systems.
- Natural Ventilation Systems.

c. PUBLIC HEALTH ENGINEERING (PLUMBING)

- Water Supply & Distribution System.
- Storm Water Collection & Drainage System.
- Waste Water Collection & Drainage System.
- Recycling & Recharging Management.
- Rain Water Harvesting System.

d. FIRE FIGHTING

- Fire Fighting & Fire Protection System.

OUR DESIGN PACKAGE INCLUDES





















- Feasibility Study for various alternates.
- Conceptual Planning & Design Base Report (DBR)
- Preliminary Design Development along with Drawings
- Detailed Engineering Drawings (GFC Drawings)
- General & Technical Specifications with Data Sheets
- Bills of Quantity with detailed Cost Estimation.
- Techno – Commercial Evaluation
- Project Management with Periodic Site Visits.
- Quality Control & Assurance Management
- Verifications of Shop Drawings from Vendors (If Any)
- Assistance in Testing & Commissioning of Systems.
- Review of As-Built Drawings.
- Assistance in Final Closure of Projects with Commercial & Technical Evaluation for Systems.

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Electro-Mech can render services in Electrical, Mechanical, HVAC, Utility, Plumbing & Sanitary, Fire Safety, Integrated Building Management Systems, Communication System, Energy Auditing and Conservation under One Roof.

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OUR VALUED CLIENTS ARCHITECTS

OUR VALUED CLIENTS BUILDERS & DEVELOPERS

RESIDENTIAL PROJECTS



PROJECTS:

- Res. Towers for Gammon
- Rosa Bella
- Nathani Heights
- Rosa Gardenia
- Highland Park
- DLH Darpan, Enclave
- DLH Prabhuvandan
- Raheja-Platinum
- Green Square
- Imperial Square
- Grand Square
- Satra Signature
- Oasis
- Cosmos Jewels
- ACME Avenue
- ACME Hills
- Kashish Tower
- Shah Royale
- Highland Enclave
- Jayant Heritage, Sapphire
- Jayant Riddhi Jayant Siddhi



MIXED USED PROJECTS



PROJECTS:

- 30 Lacs Sq. Ft. Residential, Commercial & Hotel Projects For Gammon Reality At Bhopal.
- 40 Lacs Sq. Ft. Residential, Commercial Development For Satra Group At Ghatkopar, Mumbai.
- Octozone, 22 Lacs Sq.Ft. Residential & Commercial Development For Shamit Buildcon At Aurangabad.
- RSG Universe, 15 Lacs Sq. Ft. Residential & Commercial Development For Riddhi Siddhi InfraProjects Pvt. Ltd. At Udaipur.

MIXED USED PROJECTS

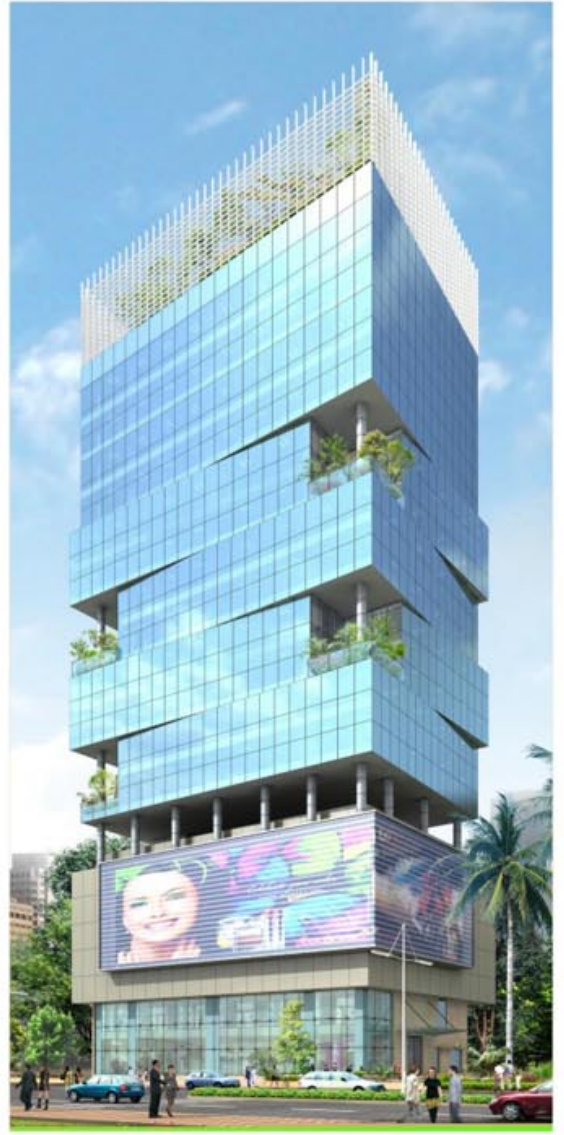


TYPES:

- Residential Towers
- Row Houses
- Rental Schemes
- Institutes
- Commercial-Market
- Space
- Commercial-Malls
- Commercial-Offices
- Hotels
- Hospitals
- Gardens & Club Houses
- Theme Park



COMMERCIAL PROJECTS



COMMERCIAL PROJECTS



PROJECTS:

- Pinnacle Business Park, Andheri
- Raycon IT Park, Nahur
- Raheja Iridium, Goregaon
- DLH Park, Malad
- Lotus Infocentre, Parel
- IT Park For RIL, Ulve
- River Rose, Sakinaka
- Star Gold, Andheri
- Lotus IT Park, Thane
- Shah Signature, Vashi
- Sun Infotech, Thane
- Kashish IT Park, Thane
- Dev Corpra, Thane
- Neo Vikram, Andheri
- IT Park, Turbe
- Children's Park, Nerul



MALLS & INTERIORS



MALLS :

- Lake City Mall, Udaipur
- High Street, Thane
- Glomax Mall, Kharghar
- Parle Square, Vile Parle
- Bhoomi Mall, Belapur
- Dreams Mall, Vashi

INTERIORS :

- Satra Signature, Juhu
- Office For Citius Tech, Airoli
- Office For Hiranandani
- Constructions, Powai
- Zeus Incubation Centre For Ackruti City, Mulund
- Office For Piramal Reality, Parel



HOTELS & HOSPITALS



PROJECTS:

- Essel Resort, Gorai
- SOHO House, Juhu
- Ramada Hotel, Mahape
- Sanam's Sheraton, Lonavala
- Arasa Hotel, Kalamboli
- Landmark Hotel, Malad
- Sentosa Resort, Pune
- Suncity Suits, Andheri
- Radisson Hotel, Udaipur

- Rehab. Centre, Vasai
- Criticare Hospital, Andheri



INSTITUTIONAL



PROJECTS:

- Education Institute For Essel Group At Bandra-Kurla Complex, Mumbai.
- Extension Of DPS School At Nerul.
- VJTF International School At Malad.
- Billbong School At Juhu.



Electro-Mech Consultants

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