



# GREENBULB DESIGNS

MEPF CONSULTANT



BUSINESS PROFILE

# Who We Are

Greenbulb Designs is a leading MEPF consulting firm based in Ahmedabad, Gujarat, India providing innovative engineering solutions nationally and globally for infrastructure and building projects.

We work collaboratively with our clients, architects, contractors, and agencies to deliver tailor-made solutions that exceed expectations. Our expertise in **Mechanical, Electrical, Plumbing, and Fire-Fighting engineering services** enables us to provide effective and efficient solutions for all types of projects.

At Greenbulb Designs, **we are committed to sustainability and eco-friendly practices** in all our projects, and our goal is to be the go-to MEPF consulting firm in the industry for innovative solutions.



# We Offers Cutting-Edge MEPF Design Solutions **Since 2012**

## Mechanical

We are a leading Mechanical Engineering Service Provider offering perfect, result-oriented, and **customized designs for Heating, Ventilation, Air conditioning and Utility system** to our clients.

## Electrical

We specialize in providing **comprehensive HV, LV, and ELV system design services** that prioritize low maintenance and maximum energy efficiency, based on our clients' needs.

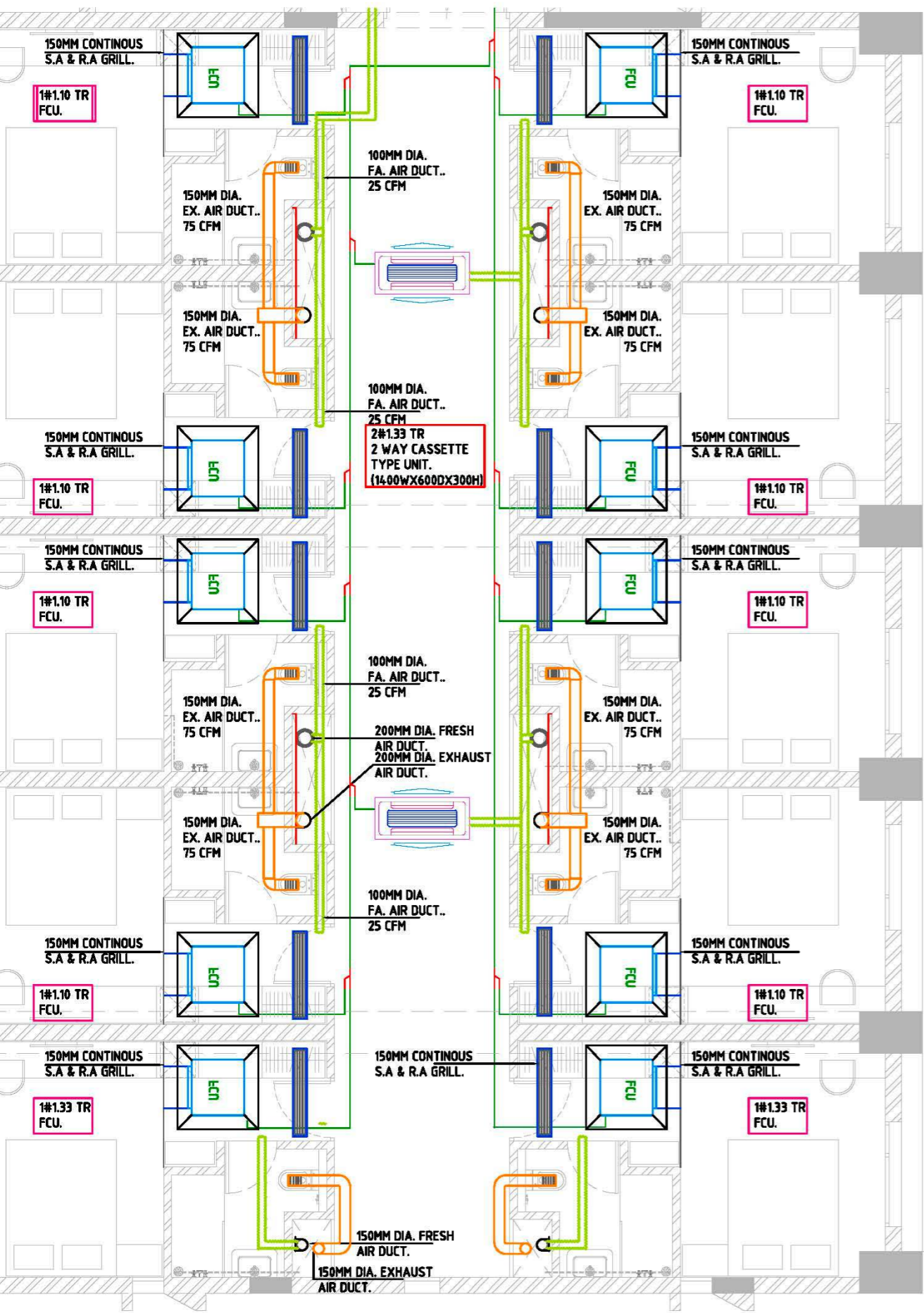
## Plumbing

We are skilled consultants offering best-in class plumbing design services to our clients by **optimizing the space, energy consumption and focusing on sustainability within the unit.**

## Fire-fighting

We are experienced fire fighting consultants offering fire fighting engineering **service for community safety** by adhering to technical calculations and standard government norms.

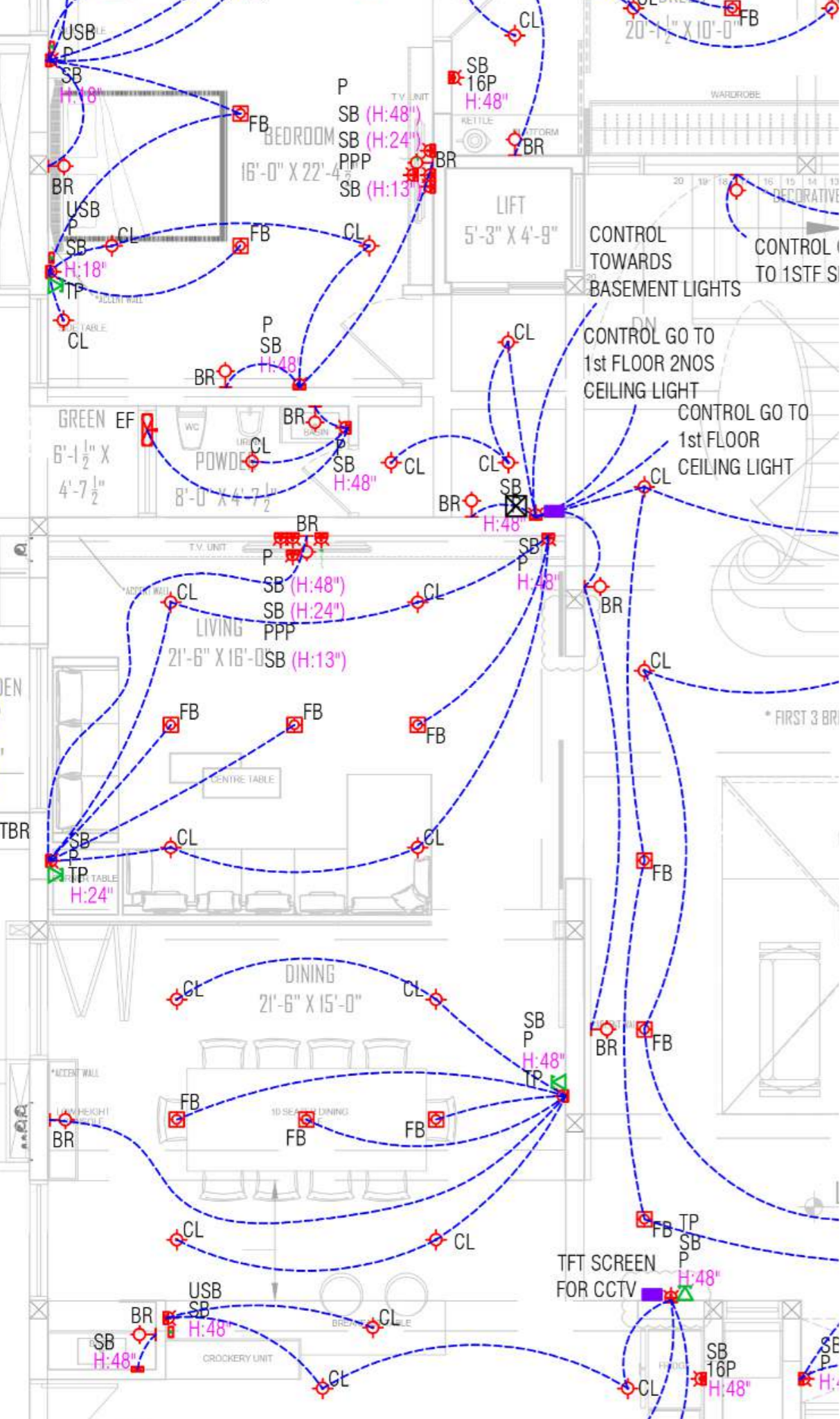




# Mechanical (HVAC)

- Fresh Air System
- Smoke Exhaust System
- Individual Split/ VRV System
- Central Ductable System
- Chiller / Cooling Tower System
- Refrigeration System
- Industrial Piping System for Process, Air, Gas & Utility
- BIM Services

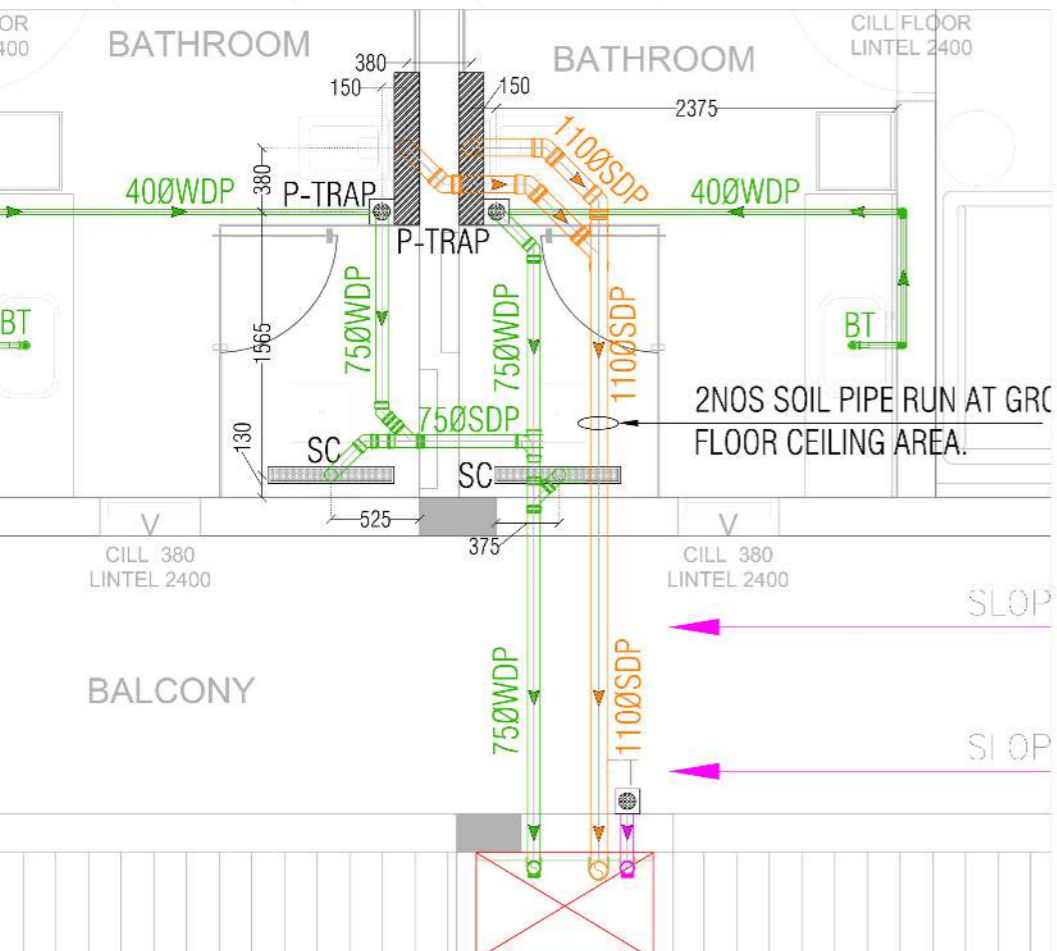




# Electrical (HV/LV/ELV)

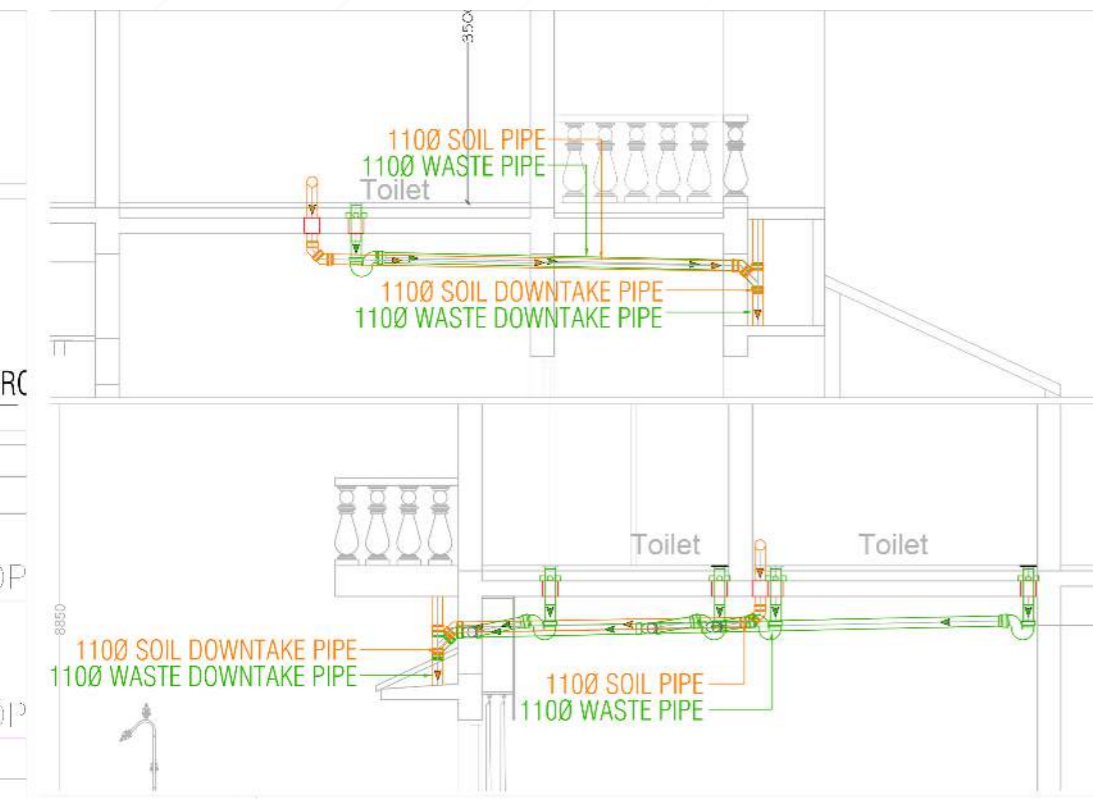
- Sub-station Design
- Power Distribution
- Load Calculation & Equipment Sizing
- Panel Design
- Power Cable Network
- Telephone, EPABX, and Television Network
- Audio/Video System
- Wifi & Data Network System
- Access Control System
- Public Address System
- CCTV Network
- Intrusion Alarm System
- Fire Alarm System
- Emergency Exit Route Design
- Building Management System

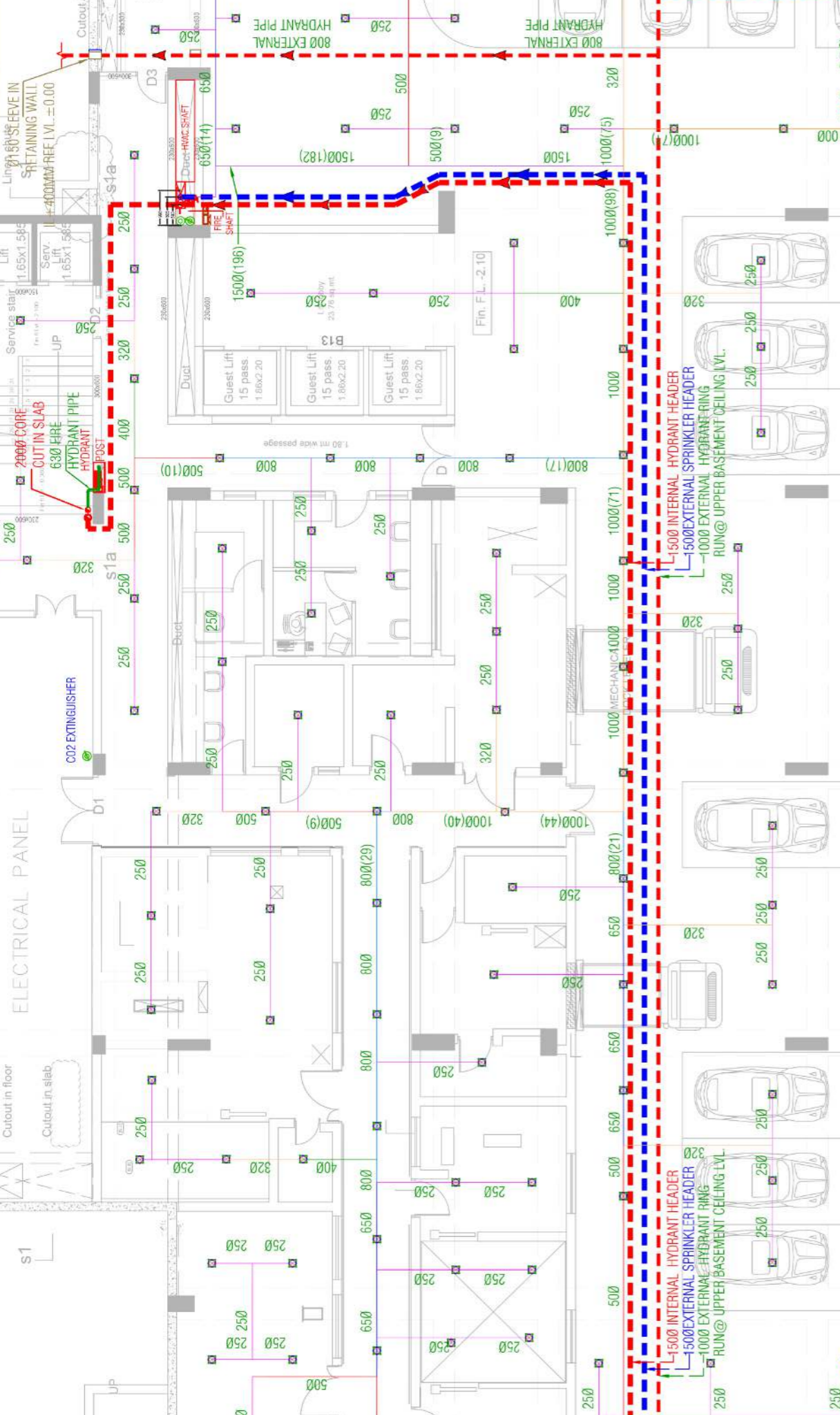




# Plumbing

- Plumbing system design
- Water supply network
- Drainage network
- Sewage treatment plant
- Water treatment system design
- Pumping equipment sizing
- Stormwater disposal network
- Rain water harvesting





# Fire-Fighting

- Fire Sprinkler System
- Wet Riser System
- External Fire Hydrant System
- Fire Protection System Design
- Fire Safety Assessments



# We Provide Innovative **MEPF Solutions** for **Diverse Industries**

More than **170+ Projects** successfully completed across India



Residences **42**



Individual Villa **34**



Commercial **25**



Public Space **20**



Industrial **16**



Gov. Housing **15**



Hospitality **08**



Healthcare **05**



Educational **05**





OUR PROJECTS

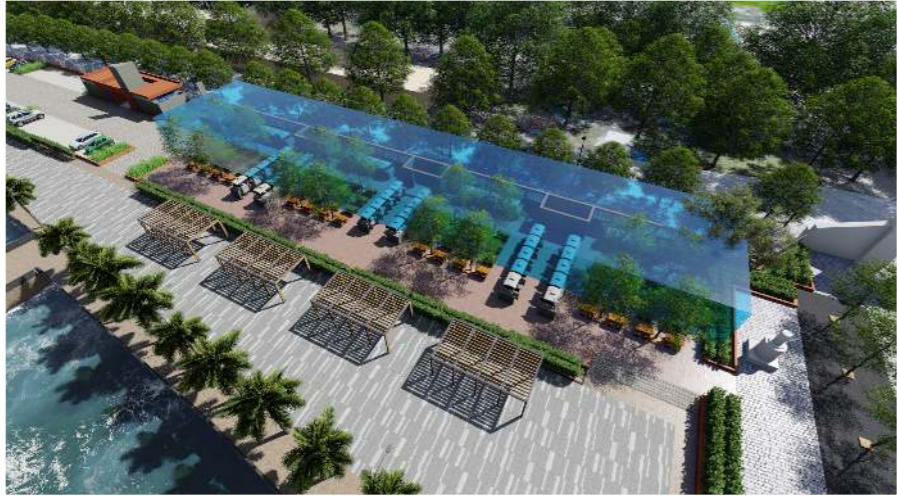
# Real-World **MEPF Solutions**

Mechanical | Electrical | Plumbing | Fire-fighting



# Sea Front

Diu, Gujarat.





**Panchayat Market**  
Silvassa, Gujarat.





**Bandodkar Sports Complex**  
Daman, Gujarat







**Arise Industrial Park**  
Chhatral, Gujarat





**Kamla Shreeji Tower**  
Bhilwara, Rajasthan





**Govt College**  
Daman, Gujarat.



**Nursing College**  
Borsad, Gujarat.



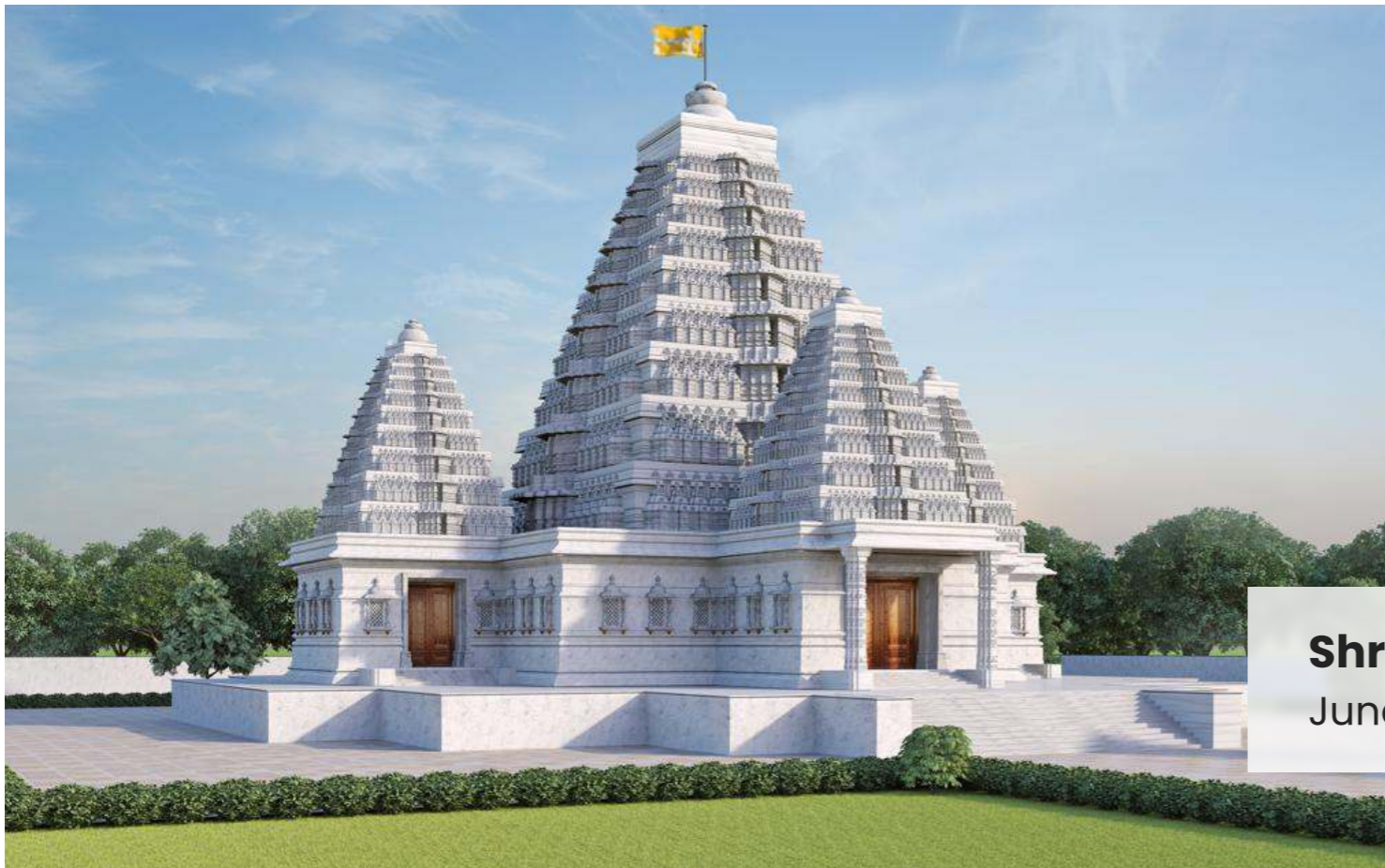
**CU Shah Hospital**  
Surendranagar







**You Can Industrial Park**  
Mehsana, Gujarat



**Shree Dattatreya Temple**  
Junagadh, Gujarat





**Steelcon Iplex**  
Rajkot, Gujarat



**Chintan Sales**  
Sanand GIDC



**Parth Polyfusion**  
Bhavda, Gujarat





**Private Resort**  
Ambaji, Gujarat



# International School

Bhilwara, Rajasthan





**Devsiddhi Felicia**  
Gandhinagar, Gujarat.





**Vasani Coporate House**  
Ahmedabad, Gujarat



**Amrapali Corporate House**  
Ahmedabad, Gujarat



## Unique Selling Point

- Effective and innovative solution approach for economic, efficient and sustainable system design
- Periodic supervision to endure the quality of work executed on-site Effective communication between consultants and agencies
- Timely delivery for scheduled execution of projects
- Detailed designs for better understanding for clients and contractors
- Application of national and international codes & standards for building infrastructures and industries
- Calculations to support designs and layouts

4.8 / 5

CLIENT  
SATISFACTION  
SCORE

50+

CLIENTS ACROSS  
INDIA

10+

YEARS OF  
EXPERIENCE



# Meet the **Founder**

## **Chintan Prajapati**

### Principal Designer

He is a Director and Principal Designer of Greenbulb Designs in Ahmedabad, is a seasoned professional with over 12 years of experience in the field since 2011. Holding a Master's degree in Engineering Studies & Engineering Management from Australia, Chintan leads the firm with a specialization in MEPF design, offering a track record of delivering innovative solutions for a wide range of projects.







## Our Associates

- Sapan Switchgear
- Intra Air
- SI Engineering
- Rudra Fire Protection

## Our Team

### *Mechanical Engineer*

Meera Raval (Exp: 10yrs)

Navghan Satavara (Exp: 5yrs)

Rajpal Yadav (Exp: 5yrs)

### *Electrical Engineer*

Nisha Panchal (Exp: 14yrs)

Sweety Patel (Exp: 7yrs)

Prathana Patel (Exp: 3yrs)

### *Administrator*

Yogesh Chauhan

Satish Desai

### *Accounts Manager*

Rushi Dave



# Standards We Follow

- **Local By-Laws**

---

- **NBC** (National Building Code of India)

---

- **ECBC** (Energy Conservation Building Codes)

---

- **IEEE** (Institute of Electrical & Electronic Engineers) Design Hand Book

---

- **IESN** (Illuminating Engineering Society of North America) Design Hand Book

---

- **Indian Electric Code**

---

- **IEC** (International Electrotechnical Commission)

---

- **IS** (Indian Standards)

---

- **BS** (British Standards)

---

- **BIS** (Bureau of Indian Standards)

---

- **NEC** (National Electric Code of India)

---

- **NFC** (National Fire Codes)

---

- **NFPA** (National Fire Protection Association)

---

- **LEED IGBC NC/CS version 1.0** (only for Green Building)

---

- **ASPE** (American Society of Plumbing Engineers) Design Hand Book, Volume 1 to 4

---

- **IPE** (Institute of Plumbing Engineers, UK) Design Hand Book

---

- **Indian Electric Code**

---

- **IPC** (International Plumbing Code)

---

- **Uniform Plumbing Code of India**

---

- **ASHRAE** (American Society of Heating, Refrigerating and Air-Conditioning Engineers Standards)

---

- **SMACNA** (Sheet Metal Contractors National Association) Standards Consultation with local Chief Fire & Electrical Officer.



# Professional Membership



Indian Society Of Heating,  
Refrigerating & Airconditioning  
Engineers



Indian Green Building  
Council



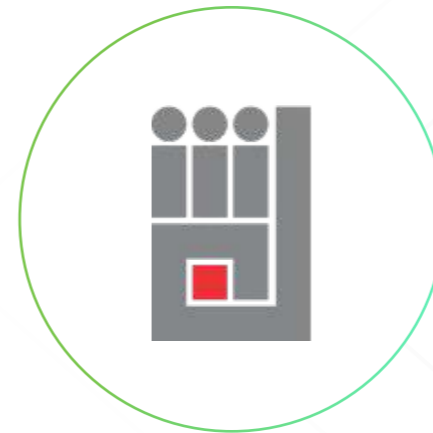
Institute Of Electrical &  
Electronics Engineers



Gujarat Chambers Of  
Commerce & Industry



Business Networking  
International



Institute Of Indian  
Interior Designers



Fire & Security  
Association Of India



# THANK YOU!

ENERGY • EFFICIENCY • ENVIRONMENT

079 2970 0016 | +91 8141 533 633

info@greenbulbdesigns.com | www.greenbulbdesigns.com

601, Dreamrise, Opp. The Capital, Science City Rd, Sola,  
Ahmedabad, Gujarat 380060

