

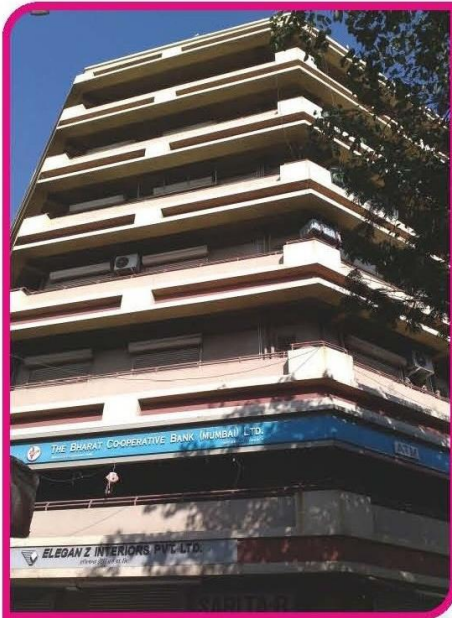
# STRUCUTRAL DESIGN WORK

## *Scope of work : Structural Engineers*

*To Prepare Structural Layout & Structural Details & Drawings & Supervising the structural members of buildings & Site Visits before casting of any structural members & co-ordination with consulting Architects & Licensed Surveyors & Clients Related to building structural work & Issue necessary certificates.*



*Following Actual Photographs of Buildings Structural Design under Guidance of Well known Structural Engineer (as Mention Above) during service period.*



***Dahisar industrial Estate  
At Dahisar Checknaka  
G + 6 Floors***



***Residential Building  
At Kandivali (W)  
G + 7 Floors***



***Residential Building  
At Malad West  
Stilt + 7 Floors***



***Residential Building  
At Mira Road East  
Stilt + Part 12 Floors***





*Residential Building  
At Borivali (E)  
Stilt + 16 Floors*



*Residential Building  
At Kandivali (W)  
Stilt + 1 Podium + 19 Floors*



*Residential Building  
At Kandivali (W)  
Stilt + 2 Podium + 20 Floors*

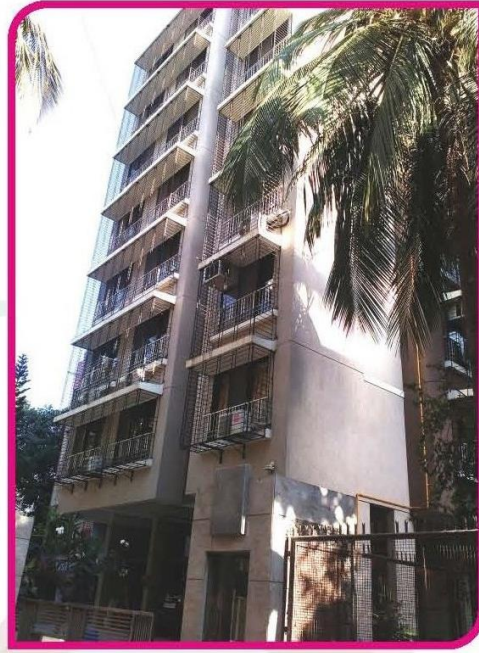


*Residential Building  
At Kandivali (W)  
Stilt + 1 Podium + 17 Floors*





***Residential Building  
At Goregaon (W)  
Stilt + 7 Floors***



***Residential Building  
At Malad (W)  
Stilt + 7 Floors***



***Residential Building  
At Kandivali (W)  
Stilt + 12 Floors***

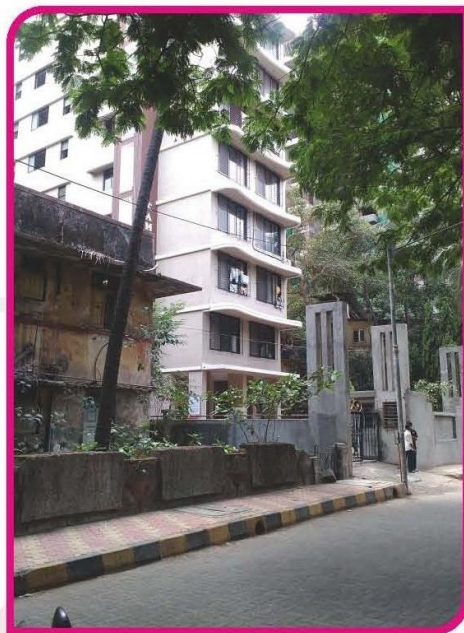


***Residential Building  
At Kandivali (W)  
Stilt + 10 Floors***

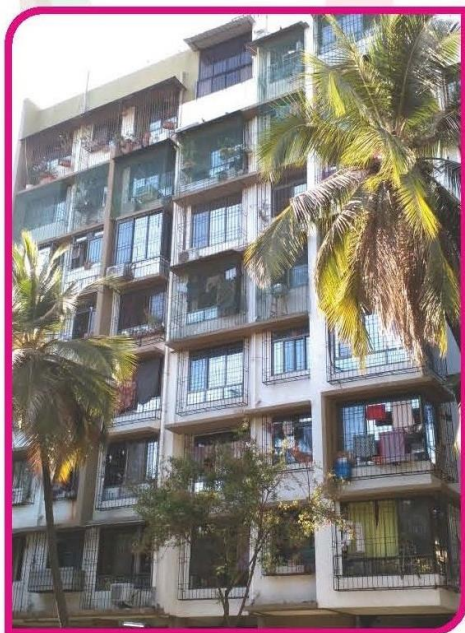




*Residential Building  
At Kandivali (W)  
Stilt + 17 Floors*



*Residential Building  
At Kandivali (W)  
Stilt + 17 Floors*



*Residential Building  
At Goregaon (E)  
Stilt + 7 Floors*



*Residential & Commercial Building  
At Kandivali (W)  
G + 7 Floors*

## **‘SUN RISE CHARKOP’**

**Kandivali (West) Mumbai**



# ELECTRICAL & FIRE SERVICES

## OUR VALUABLE SERVICES

- Health and Safety Management in Construction Industry
- Environmental Due Diligence Audits
- Environment, Health and Safety & Permitting Assistance
- Regulatory Permitting Assistance in Environmental Clearance
- Design Evaluation of Wastewater Treatment System (ETP/STP)
- Risk Assessment (Environment/ Safety)
- Water Audit
- Fire and Electrical
- Ergonomic Study
- Solid Waste Management
- Energy Management
- Industrial Hygiene Study
- Corporate Social Responsibility (CSR)
- Clean Development Mechanism (CDM)
- Site Remediation
- ISO 14001 based Environmental Management System & OHSAS 18001 based Occupational Health & Safety Management System
- Training

## Construction Safety:

- Mainly focuses on avoiding fatality on site
- Minimizing the accident/ incident rate
- Building sustainable safety culture within

the organization which is achieved through:-

- ☐ Conducting Health and Safety Audit
- ☐ Conducting Construction Safety Training

## Programs

- ☐ Site Operations Safety Review
- ☐ Health & Safety Document Development

## Environmental Due Diligence Audits:

- Due diligence process is mainly focused on assessment of environmental risk and liabilities for Mergers, Acquisitions and Joint Ventures. This process involves the following stages:

☐ Environmental Site Assessment Phase I (Environmental Investigation)

☐ Environmental Site Assessment Phase II (Sampling and Analysis)

☐ Environmental Site Assessment Phase III (Remediation)

**Environment, Health and Safety Audit/ Permitting Assistance:**

➤ Assessment of EHS regulatory compliance status of the site as per applicable EHS regulations

➤ Assessment of Best Management Practices

➤ Assistance in obtaining/renewing required Licences/ Permits/ Consents/ Authorization

**Design Evaluation of Wastewater Treatment System (ETP/ STP):**

➤ Evaluation includes

☐ Assessment of wastewater generation

☐ Identifying wastewater reduction opportunity

☐ Preparation of Basis of Design

☐ Preparation of technical specifications

**EHS Liability/Risk Management:**

➤ Involves EHS Risk and Liability assessment

based on the applicable Indian Regulation and Corporate/ International Standards.

➤ Cost implication of liabilities

**Fire and Electrical Audit**

➤ Assessment of high rise societies and

commercial premises in terms of fire emergency preparedness and evacuation

➤ Assessment of common as well as individual

flats in terms of electrical safety

**Water Audit**

➤ Assessment of water consumption and

wastewater generation sources

➤ Preparation of water balance of the facility

➤ Identifying potential options of reduction

in water consumption, wastewater generation

➤ Reuse of treated wastewater to reduce load

on water sources

**Ergonomic Study:**

➤ Study of workplace exposure due to undue



physical stress, strain and overexertion including, vibration, awkward postures, forceful exertions, repetitive motion and heavy lifting

➤ Recognition of ergonomic risk factors in

the workplace for correcting hazards and improving worker protection

**Solid Waste Management:**

➤ Providing consultancy along with technology

solutions such as vermicomposting, biogas, mechanical & bacterial composting and power generation from biodegradable waste

**Industrial Hygiene Study:**

➤ Qualitative evaluation of environmental

factors or stress, which may pose health hazards in the work environment

➤ Develop and/or recommend corrective

measures to eliminate hazards and prevent future problems

**ISO 14001 based Environmental Management System:**

➤ Upgrading the facility's environmental management

system to the requirements of ISO 14001

**OHSAS 18001 based Occupational Health & Safety Management System:**

➤ Upgrading the facility's health & safety

management system to the requirements of OHSAS 18001

**Training:**

➤ Trainings we impart include:-

☐ Awareness & Internal Auditors training

(EMS and OHSAS)

☐ Emergency Evacuation Training

☐ Environmental Compliance Training

☐ Occupational Health and Safety Training

☐ Process Safety Management Training

We also develop and train management cadre as per customized modules