

# INDUSTRIAL VISIT

UNDERGONE-

**SMRITY CONSTECH PVT. LTD.**

44/14, Barrackpore-Barasat Rd,  
Nona Chandanpukur, Jaffarpur more,  
NCP, Barrackpore, West Bengal 700122

SUBMITTED BY

CIVIL 3<sup>RD</sup> YEAR

**IDEAL INSTITUTE OF ENGINEERING**

Kalyani, West Bengal 741235

DATE - 10<sup>TH</sup> & 11<sup>TH</sup> MARCH 2023

# ABOUT COMPANY™

- Smrity Constech Private Limited is a 6 years 16 days old Private Limited Indian Non-Government Company incorporated on 07 Mar 2017. Its registered office is in North 24 Parganas, West Bengal, India. The Company's status is Active, and it has filed its Annual Returns and Financial Statements up to 31 Mar 2022 (FY 2021-2022). It's a company limited by shares having an authorized capital of Rs 20.00 Lakh and a paid-up capital of Rs 3.00 Lakh as per MCA.3 Directors are associated with the organization. Manilal Maity, Anima Maity and Smrity Maity are presently associated as directors.

SMRITY CONSTECH PVT. LTD.





SMRITY CONSTECH PVT. LTD.

CONTRACTOR, DEVELOPER & CENTERS

## PRESENTER

- DR. T. SENTHIL VADIVEL (CEO)
- MR. GOPAL BHOWMICK (ESTIMATION & COSTING)
- MR. DIPANKAR TALUKDAR (SAFETY & SITE)
- MR. SAJID IQBAL (STRUCTURAL ENGINEER)
- MR. PRASANTA DAS (ELECTRICIAN)
- MR. SUBHAS SHAW (PLUMBER)
- MR. DOLON MITRA (ELECTRICIAN)
- MR. SUJOY PANIGRAHI (SALES EXECUTIVE)



# INTRODUCTION

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- Industrial visits are usually the first point of interaction between a student and a live working industry.
- The students learn about the latest technology trend and make up their minds about their future job or area of interest.
- This trip should not be wasted in idle fun and jokes and should be used for team bonding and learning along with a bit of fun.



# Acknowledgement

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We would like to express our special thanks of gratitude to our teacher, *Mrs. Sangita Debnath* and our honorable principle sir *Dr. Syed Samser Ali* and who gave us the golden opportunity to do this wonderful project ,Who also helped us in completing our project under ***SMRITY CONSTECH PVT. LTD*** . We came to know about so many new things We are really thankful to them. Secondly We would like to thank our friends who help us to finalizing this project within the limiting time period.



# BUILDING SPECIFICATIONS

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- Plastering – 12mm inside and 20mm outside and 6-8mm for ceiling
- Bed room size – 11' x 10'
- Doors – 7'
- Windows – 4' x 4'
- Carpet area – 675-680 sq ft, Super built-up area – 850 sq ft
- Outer wall – 10", partition wall – 5"
- Chajja – 2.5"





# DAY -1

## FLOORING

- Cement -OPC 43 (1:5)
- Tiles -15mm thick





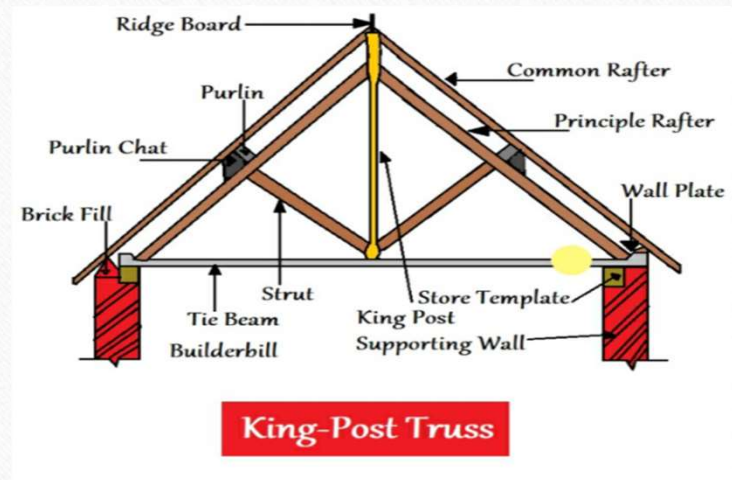
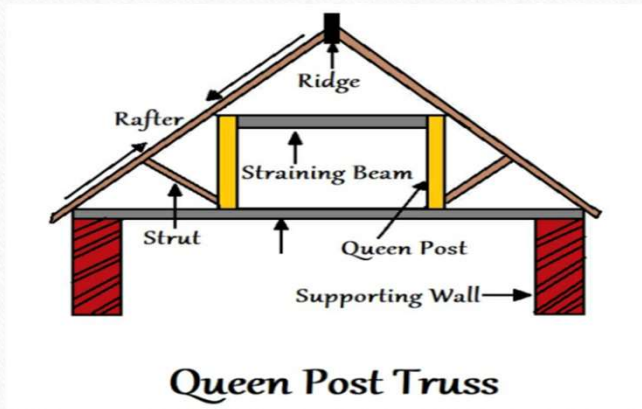
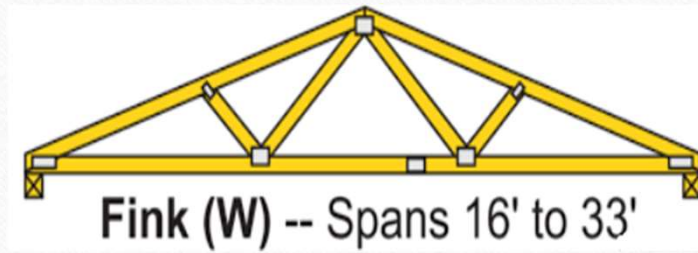
## PLUMBING

- Outlet Pipe -4''
- Floor Pipe -3''
- Shower Pipe -1.25''
- Water Pipe – 3/4<sup>th</sup>





- King Type Truss (5—10 m)
- Queen Type Truss (10-15 m)
- Fink Type Truss (20-30 m)





## WORKSHOP VISIT



STEEL COLUMN



ISMB TAPERED SHAPE COLUMN



MIG WELDING



PUG CUTTER MACHINE



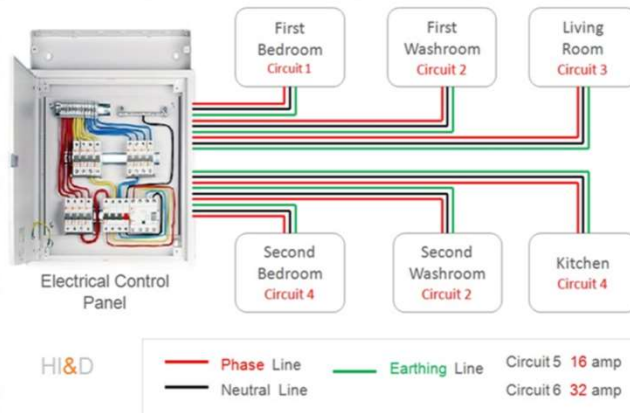
ISMB 400



# DAY -2

## ELECTRICAL WIRING

- Electricity Main box to Distribution box to room.
- MCB used is 16A and 20A for AC and Microwave oven respectively.
- 5 gacha wiring – 1/2" pipe
- Phase neutral – 1/4" pipe
- 10 gacha wiring – 3/4" pipe
- Wires used for AC- 6 sq mm, Switch – 1.5 sq mm





## TILES

### Product wise it is two types

- Ceramic
- Vitrified

- CERAMIC

1. PORCELINE
2. CERAMINE

- VITRIFIED

1. GVT (Glazed vitrified tiles)
2. PGVT (Polished glaze vitrified tiles )

