

SITE VISIT REPORT

Name of Site:-G.K.Tower, Aman Apartment

Date of visit: 02-09-2021

Subject: construction technology (3330602)

Name of Contractor:-Aaiyub khanji, Amir Khanji

Objective of visit: - To understand the working procedure of construction site.

Organized by: - Civil Engineering Department, A.Y.Dadabhai technical institute, kosamba.

Faculty in - Charge: – Mr. M.N.Kapadiya, Ms.D.K.Master

Site Engineer: - Mr.Javid Bhatti

INTRODUCTION

The visit to the Construction Site at G.k.Tower, Aman apartment kosamba was conducted by Civil Engineering Department, A.Y.Dadabhai technical institute, kosamba. On Thursday, 02 September 2021. Students from Second year(Batch-2020) were taken to the Construction site for observing and understanding the Construction practices on the site for minimizing the gap between construction practices and Academics for the Students. This visit has scheduled between 12:00 p.m. to 2:00 p.m. Students were allowed to observe the functioning of each construction activity and their queries were also answered by the site engineer during the visit.

Brief report on construction site:

During the site visit we have been observed the construction of foundation, PCC for foundation, Ground beams, Plinth beams, Column Casting work, Plinth Filling, placing of Reinforcement for stair case.

During the site visit the site engineer has been explained about the excavation for foundation and for which various equipments are used for carrying out building foundation work and briefed how the Project's operations are implemented throughout the process.



Combined Rectangular Footing with P.C.C.

After excavation an Anti-Termite Treatment has been done. For Anti-Termite treatment CHLORO-PHOSPHURUS Chemical is used and then PCC is laid down. For PCC work M10 grade concrete has been used. For footing M20 Concrete and Fe 500 Steel is used.



Plinth beam and Ground beam

- Dimensions of plinth beam and ground beam are 230X450mm.
- Grade of concrete used for construction is M20 & Fe500 Steel.
- Site Engineer Javid bhatti also explained purpose of Oiling to Formwork.

COLUMN :



STARTER FORMWORK REINFORCEMENT

STARTER:

Starter is a small piece of column which is cast before the whole column is cast. It is sturdier to fix the column shuttering if the starter is already in place. The chances of column form work becoming skew are eliminated.

FORMWORK:

On site wooden formwork was used having thickness 25mm. Shikanja was used for holding the formwork in required dimensions.

REINFORCEMENT:

For the construction of column reinforcement Fe500 is used.



Reinforcement for Cantilever Beam:

For cantilever beam reinforcement is taken from the whole column up to the footing.

For this 25mm main reinforcement is used and 8mm stirrups are used.

BRICKWORK :



Precautions taken on site are as follows:

- Bricks were submerged in water before use.
- Field test are carried out on bricks before used for construction of brick masonry to check quality of bricks.

Flemish bond was used in brick masonry work. & Sill height was 0.9m.

STAIRCASE:



Landing:-1m & Floor to floor height:-3.2m. Waist slab thickness:-150mm

GLIMPSES OF VISIT



Second year students with Site Engineer Javid bhatti sir.

