

CONSTRUCTION SITE VISIT REPORT

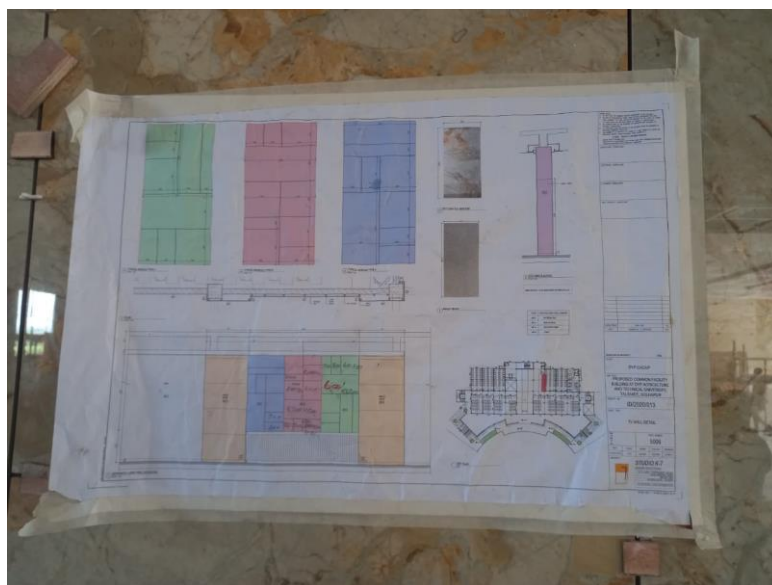
Name of Site: D.Y. Patil College & University (ATU), Talsande.
Date of Visit: 22/09/2022
Name of Contractor: Mr. Vishwanath Patil
Objective of Visit: To understand the working procedure of construction on site.
Organized by: D.Y.Patil Technical Campus, Talsande. Polytechnic-Civil Engineering Department.
Site Engineer: Mr. A.R. Patil



Introduction

The visit to the construction site at D. Y. Patil College and university Talsande was conducted by civil Engineering Department polytechnic Talsande on Thursday, 22th Sept., 2022 Students From Second year civil engineering diploma were taken to the Construction Site D.Y. Patil College campus of Talsande for observing and understanding the Construction practise on the site for minimizing the gap between construction practices and academics for the students, this visit schedule between 9:00 am to 1:00pm were we allowed to observe the functioning of each Construction activity and their queries were also answered by the site engineer.

Plan & Elevation View of Construction Site:



Brief report on Construction site:

During the site visit we have observed the Construction of foundation. PCC for foundation Ground floor beams, Column Casting work. Plinth Filling, formwork of Slab and Staircase

1. During the site Visit the site engineer has been explained about the excavation for foundation and for which various equipment are used for Carrying out building work since, SAC of soil is 250 KN/m² and Strata is hard that's why here isolated footing (rectangular footing) Constructed.
2. Some information in tabular form:

Cover (mm)	Type of Structural Element	Grade of Concrete (Fck)	Grade of Steel (Fy)
75	Foundation	M40	Fe 500
50	Column	M30	Fe 415
35	Beam	M25	Fe 415
25	Slab	M25	Fe 415

3. Starter

It is a small piece of Column which is cast before the whole column is cast It is Stindley to fix the Column Shullazing if the starter is already of column formwork he coming skew are eliminated in place The chances

4. Formwork:

On Site wooden formwork was used haring thickness 25 mm shikanja was used for halding the formwork in required dimensions Strel props are used to hold the column in vortical position

5. Cantilever beam reinforcement:

It is taken from the whole column up to the footing for this 25 mm main reinforcement is used and & 8mm Stirrups are used.

6. For Simply supported beam reinforcement are less than 25 mm approximately
7. AAC block used for Construction Le Auto dared aerated concrete which is lightweight and size was 600X150X200 mm.

8. Staircase:

Type of Structure	Doglegged
Tread	230mm
Rise	150mm
Landing	1.5m
Floor to Floor Height	4m
Waist Slab	150mm

Staircase View:



Column Reinforcement & I Section for Steel Column:





Brick Bond & Compacted Aggregate for PCC of Road:



Acknowledgement

Site Engineer Mr. A.R. Patil had given valuable guidance for the professional growth of the civil Engineering very Career Students on behalf of entire civil Engineering department, polytechnic, Ms. Amruta Salunkhe (Assistant professor) Director Mr. S. Pawaskar and HOD Ms. N.M. Mulla for providing Such great opportunity to the students by allowing them to visit the construction site which will help the students in understanding various concepts of civil Engineering branch at present & also in future.