



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

(Est U/s(3) of UGC Act,1956) Accredited with Grade "A" by NAAC (A Christian Minority Institution)

JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHEMMENCHERY, CHENNAI – 600119. TAMILNADU.

PHONE: 2450 1443/9941912481 INTERNET: www.sathyabama.ac.in

E-mail: archhod@sathyabama.ac.in



**SCHOOL OF BUILDING AND ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
M. Arch (Building management)**

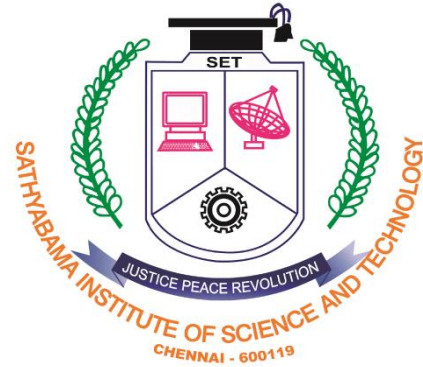
**PROFESSIONAL TRAINING (S84 INT)
DEC- JAN 2021**

Name of the Student : Sowmiya R

Semester : III

Reg No. : 39840018

Batch : 2019-2021



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SCHOOL OF BUILDING AND ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

M. Arch (Building management)

VIVA-VOCE EXAMINATION

This is to certify that the Professional Training (S84 INT) is the work of **Sowmiya R** who had undergone training in **Infinity PMC Solutions Pvt Ltd** and has been monitored by the continuous assessment during **Dec 2020 to Jan 2021**.

A handwritten signature in blue ink, appearing to read "Devyani", is written over a light blue circular stamp.

**Dr. Devyani
Gangopadhyay HOD
AND DEAN**

Submitted for Viva voce Examination held on **01.02.2021**

Internal Examiner

External Examiner



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DECLARATION

I **Sowmiya R** hereby declare that the Professional Training Report From **14.12.2020** to **29.01.2021** done by me under the guidance of **PM Janani B** is submitted in partial fulfillment of the requirements for the completion of practical training session.

DATE : 01.02.2021

PLACE : Chennai

SIGNATURE OF CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to Board of Management of **SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr.Devyani Gangopadhyay Dean, School of building and Environment** for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to PM Janani B for her valuable guidance, suggestions and constant encouragement paved way for the successful completion of my Training.

I would also like to express my sincere thanks to Ar. Sukirtha Suresh (Internal Co-Ordinator) for her valuable guidance, during the entire Professional Training period.

I wish to express my thanks to all Teaching and Non-teaching staff members of the Department of Architecture who were helpful in many ways for the completion of the project.

CONFIRMATION LETTER

(Annexure –V)

INFINITY PMC SOLUTIONS PVT LTD



Date: 14/12/2020

To Whomsoever it may concern

We hereby glad to inform that Ms. SOWMIYA.R , M Arch student from SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, has been shortlisted by our company for internship with training. During this period she will undergo Professional training for Primavera P6 and different aspect of project management concept and hands on practice with live case study.

This program has been planned for 30 days

Thanks & Regards
For M/s.INFINITY PMC SOLUTIONS PVT LTD

Founder & CEO
MR.P.RAVIKUMAR
www.ipmcs.in

JOINING LETTER

(Annexure –VI)

INFINITY PMC SOLUTIONS PVT LTD



Date: 14/12/2020

To Whomsoever it may concern

We hereby glad to inform that Ms. SOWMIYA.R , M Arch student from SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, has been shortlisted by our company for internship with training. During this period she will undergo Professional training for Primavera P6 and different aspect of project management concept and hands on practice with live case study.

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Thanks & Regards
For M/s.INFINITY PMC SOLUTIONS PVT LTD

A handwritten signature in blue ink, appearing to read 'P. Ravikumar', is placed over a circular official stamp of the company.

Founder & CEO
MR.P.RAVIKUMAR
www.ipmcs.in

MONTHLY REPORT

(Annexure –VII)



SATHYABAMA
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DEPARTMENT OF ARCHITECTURE

M. Arch (Building management)

Continuous Assessment Report for Professional training

(Continuous progress report of the trainee architect/Project Manager for the period of 15 working days in the office to be submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : M/S. Infinity PMC Solutions Pvt Ltd

2. Address & Contact Number : 7/380, Kamarajar salai, Lakshmi Nagar,
Kovilambakam, Chennai - 600129

3. Name of the student : Sowmiya R

4. Duration : From 14.12.2020 To 29.01.2021

5. Total No. of days : 30 days

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month; which will be converted to the allotted 40 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Skills related to project management		✓			
Design Management					✓
Understanding the Triple Constraints	✓				
Observation during Site Visits		✓			
Understanding of construction details		✓			
Understanding of Construction sequences	✓				
Site Supervision / Discussion with clients					✓
Adherence to Time schedule	✓				
Quantitative aptitude					✓
Documentation skills	✓				
Coordination with other consultants					✓

Overall Grading*	A
------------------	---

(A – 8.0, B – 7.0, C – 6.0, D – 5.5, E – 5.0, F – <5)

7. Any other Remarks :

8. Signature of the
Head of the Office /
Organization (With Seal)

For M/s. INFINITY PMC SOLUTIONS PVT LTD
Founder & CEO
MR.P.RAVIKUMAR



WORK DIARY

(Annexure –VIII)

DATE	PROJECT NAME	WORK DONE	DATE	PROJECT NAME	WORK DONE
DEC 14	PALAZOO DI TAG	INTRODUCTION	JAN 06	PALAZOO DI TAG	Activity creation in primavera
DEC 15	PALAZOO DI TAG	PROJECT MANAGEMENT CONCEPT INTRODUCTION	JAN 07	PALAZOO DI TAG	Activity creation in primavera
DEC 16	PALAZOO DI TAG	PROJECT MANAGEMENT CONCEPT INTRODUCTION	JAN 08	PALAZOO DI TAG	Relationship assigning
DEC 17	PALAZOO DI TAG	PROJECT INFORMATION GATHERING	JAN 12	PALAZOO DI TAG	Relationship assigning
DEC 18	PALAZOO DI TAG	Project study	JAN 13	PALAZOO DI TAG	Schedule finalization
DEC 21	PALAZOO DI TAG	PROJECT DISCUSSION (DRAWINGS GIVEN FOR REF)	JAN 18	PALAZOO DI TAG	Report preparation
DEC 22	PALAZOO DI TAG	Drawing study	JAN 19	PALAZOO DI TAG	Report preparation
DEC 23	PALAZOO DI TAG	Site visit	JAN 20	PALAZOO DI TAG	Review
DEC 24	PALAZOO DI TAG	Site visit	JAN 21	PALAZOO DI TAG	Site visit
DEC 28	PALAZOO DI TAG	PROJECT ACTIVITIES GATHERING	JAN 22	PALAZOO DI TAG	Site visit
DEC 29	PALAZOO DI TAG	DISCUSSION WITH PM	JAN 25	PALAZOO DI TAG	Scheduling correction
DEC 30	PALAZOO DI TAG	COMPARISON WITH MY ACTIVITIES WITH REALTIME ACTIVITIES (CORRECTION OF ACTIVITIES & DURATION)	JAN 26	PALAZOO DI TAG	Schedule go through
DEC 31	PALAZOO DI TAG	NEW EPS & PROJECT CREATION IN PRIMAVERA, PROJECT CALENDAR UNDER DISCUSSION	JAN 27	PALAZOO DI TAG	Report preparation
JAN 04	PALAZOO DI TAG	Project scheduling activity gathering	JAN 28	PALAZOO DI TAG	Report preparation
JAN 05	PALAZOO DI TAG	Project scheduling activity gathering	JAN 29	PALAZOO DI TAG	Final Review

Chief Architect Signature:

JanagiB

Office seal:



Consolidated Certificate (Experience)

Annexure – IX

INFINITY PMC SOLUTIONS PVT LTD



Date: 29/01/2021

INTERNSHIP CERTIFICATE

This is to confirm that **Ms. SOWMIYA R** has undergone Project Management Training with Internship using Primavera P6 latest version Software in our organisation From 14th December 2020 to 29th January 2021.

During internship, we found, she was very much interested in Project Management concept and developing skill sets in Primavera P6 Software.

In addition to Primavera P6, as value add she was trained in Project Definition, planning / Scheduling using Critical Path Method (CPM), Execution, monitoring using Earned Value Management (EVM).

She worked on different case studies and live projects along with our team during her internship. .

We have good confidence on **Ms. SOWMIYA R** and we believe she can independently handle the planning /scheduling for any kind of projects.

We found her conduct and character to be good during the tenure.

We wish her success in all the future endeavours.

Thanks & Regards

For M/s.INFINITY PMC SOLUTIONS PVT LTD



Founder & CEO

MR.P.RAVIKUMAR

www.ipmcs.in

TABLE OF CONTENTS

CHAPTER NO	TITLE
1.	GENERAL
2.	INTRODUCTION TO PROJECT MANAGEMENT
3.	PROJECT DETAILS
4.	DRAWINGS
5.	PROJECT WBS
6.	PROJECT SCHEDULING
7.	PROJECT IN PRIMAVERA
8.	CRITICAL PATH ANALYSIS
9.	OVERVIEW OF THE PROJECT

1. GENERAL

I have chosen this firm in order to learn Project Management concepts, tools and techniques used widely in the construction industries.

2. INTRODUCTION TO PROJECT MANAGEMENT

Successful project management has several significant characteristics. To understand the value of project management, it is necessary to understand the fundamental nature of a project; the core characteristics of project management processes; how success is evaluated, the roles, responsibilities, and activities of a project manager and the expertise required; and the context in which projects are performed.

What Is a Project?

PMBOK defines a project as a temporary endeavour undertaken to create a unique product, service, or result.

Temporary Endeavour

Projects are always temporary. Every project has a definite start date and definite end date.

Unique Deliverable

Project should produce a unique product, service or result. The uniqueness need not present in all the aspects of the project

What Is Project Management?

“Project management is the process of the application of knowledge, skills, tools, and techniques to project activities to meet project requirements.”

That is, project management is an interrelated group of processes that enables the project team to achieve a successful project

For example, a feasibility report could be an input to a design phase; the output of a design phase could be a set of plans and specifications

3. PROJECT DETAILS

Client: M/s. Tag Homes Construction Pvt Ltd

Category: Commercial Project

Team/ Group: RSM Constructions & interiors

Architects: Senthilkumar & Associates

Site location: T Nagar

Project Status: Interior

Built up area: 5400 sqft (Stilt + 2 floors with stilt floor car parking)

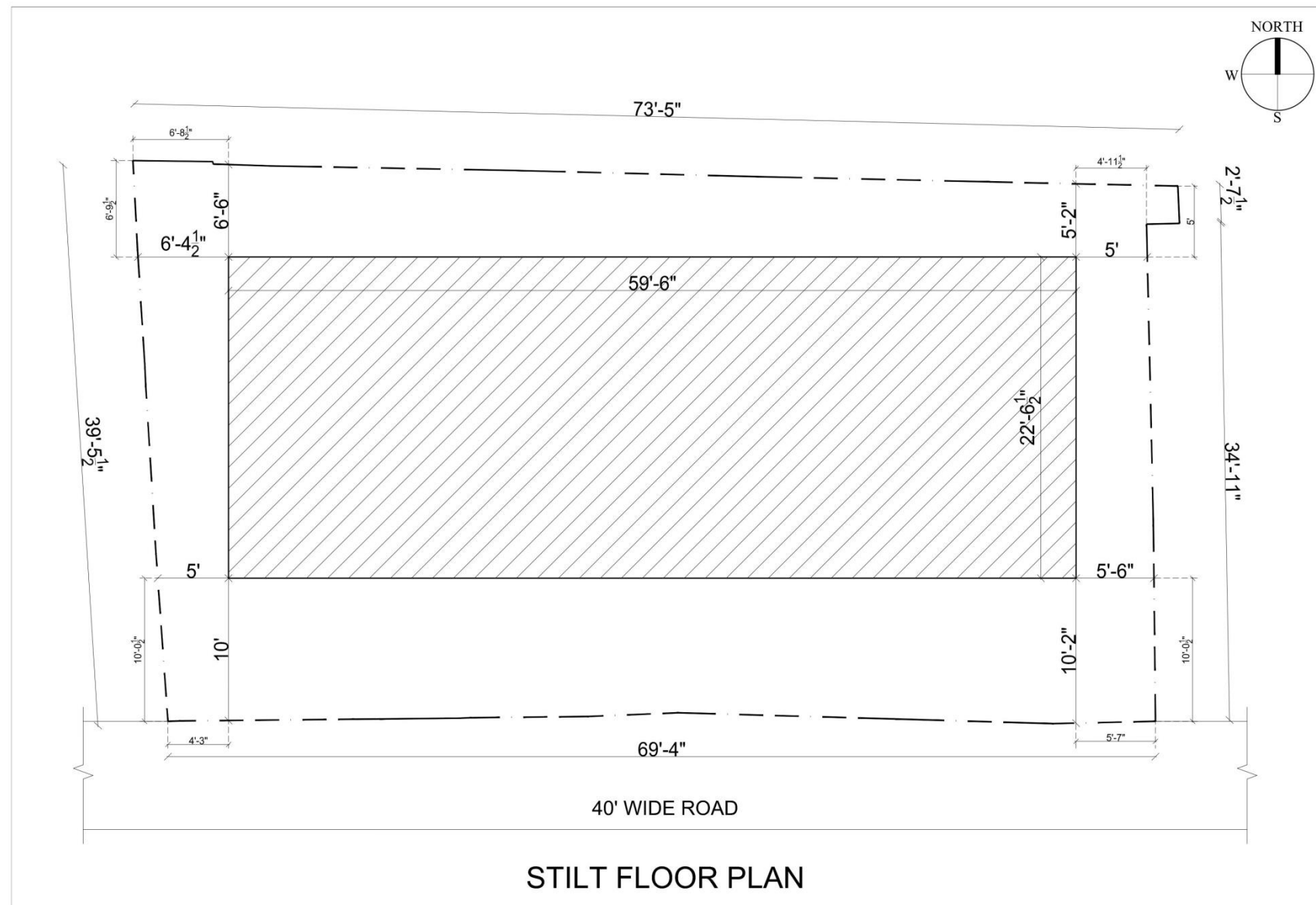
Stilt floor: 1338 sqft

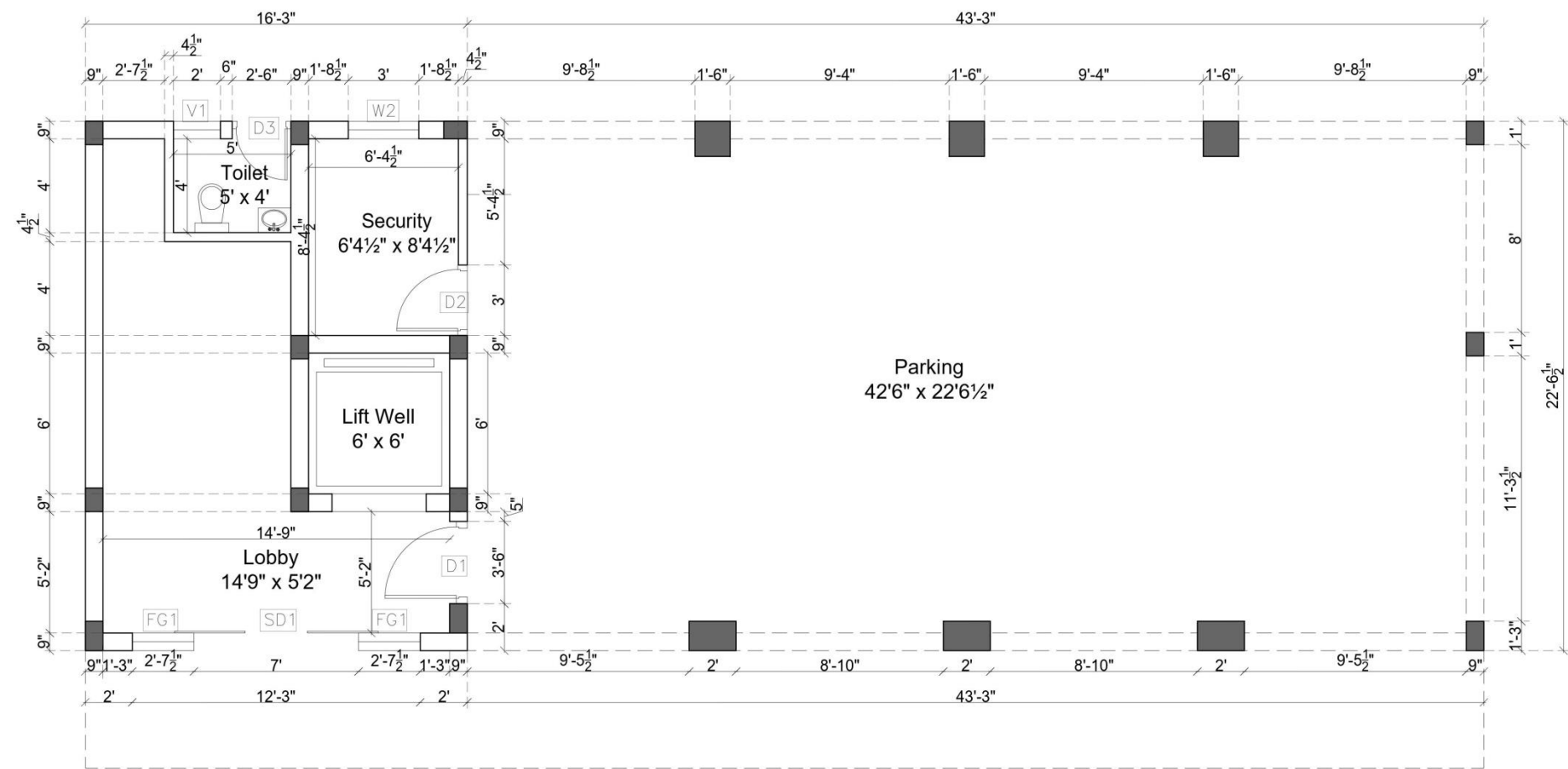
1st floor: 1636.25 sqft

2nd floor: 1636.25 sqft

Terrace floor: 1636.25 sqft

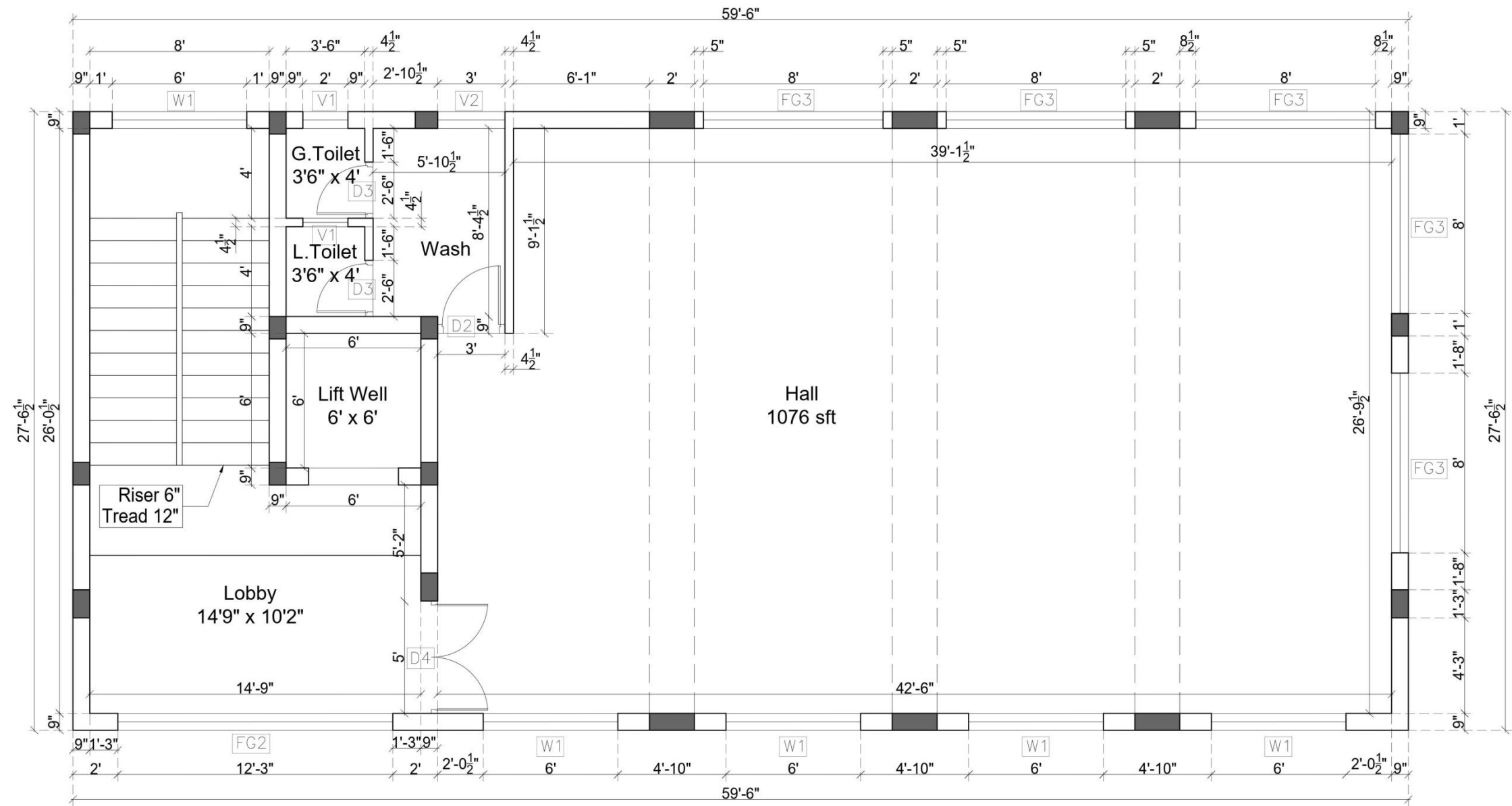
4. DRAWINGS AND SITE PHOTOS





STILT FLOOR PLAN



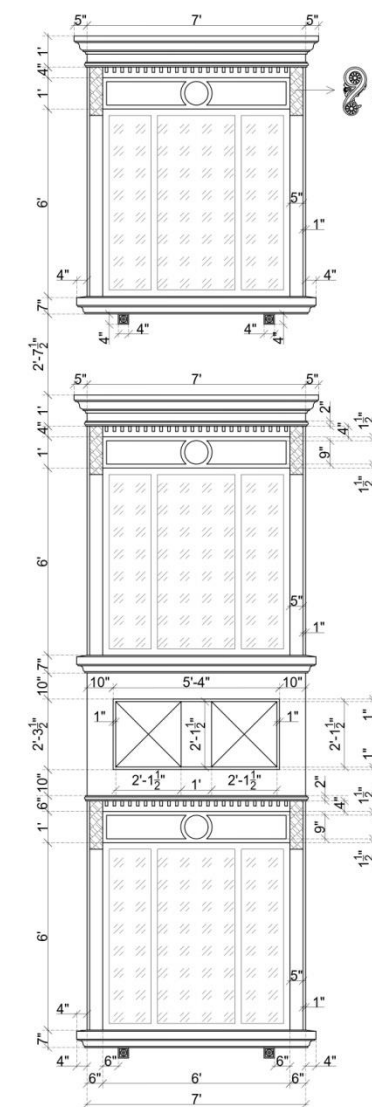


FIRST/SECOND FLOOR PLAN

S.NO	SYM	DESCRIPTION	DIMENSION	LINTEL	SILL	NO.
1	D2	DOOR	3' x 7'	7'	=	1



Elevation - A



Detail - A (NTS)









5. PROJECT WBS

Primavera P6 Professional R16.2 : PDT (PALAZZO DI TAG)

File Edit View Project Enterprise Tools Admin Help

WBS

Activities WBS

Layout: WBS

WBS Code	WBS Name	Total	October 2020					November 2020				December 2020				January 2021				February 2021				March 2021				April 2021						
			27	04	11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07	14	21	28	07	14	21	28	04	11	18	25	0
PDT	PALAZZO DI TAG					02-Nov-20																												
PDT.1	bhoomi pooja					02-Nov-20																												
PDT.3	Sub structure works - Pile Foundation & F					04-Nov-20														19-Jan-21														
PDT.2	UG Sump works																			19-Jan-21							13-Feb-21							
PDT.4	Structural woks					02-Nov-20																											18-Mar-21	
PDT.4.1	4.1 Stilt floor roof slab & PT beams																			19-Jan-21													18-Feb-21	
PDT.4.2	4.2. First floor roof slab & PT beams					02-Nov-20																											18-Mar-21	
PDT.4.3	4.3 Second floor roof slab & PT beams					02-Nov-20																												
PDT.4.4	4.4 Terrace floor roof slab & temporary str																			02-Dec-20														
PDT.4.5	4.5 Over head tank (OHT)																																	
PDT.5	5.Brickwork & Plastering					02-Nov-20																												
PDT.5.1	5.1 First floor brick work/ plastering					02-Nov-20																												
PDT.5.2	5.2 Second floor brick work/ plastering																																	
PDT.5.3	5.3 Stilt / terrace brick work/ plastering																			05-Dec-20														
PDT.5.4	5.4 terrace brick work/ plastering																			26-Nov-20														
PDT.5.5	5.5 External wall plastering																																	
PDT.6	6. Handing over of civil works																																	

General Notebook Budget Log Spending Plan Budget Summary WBS Milestones WPs & Docs Earned Value

General

WBS Code: 3 WBS Name: Sub structure works - Pile Foundation & Pile cap

Status: Responsible Manager: [User]

Anticipated Dates

Anticipated Start: Anticipated Finish:

6. PROJECT SCHEDULING



ACTIVITY ID	ACTIVITY NAME	DURATION	PREDECESSOR	RELATIONSHIP
	1.Bhoomi Puja			
PDT01	Bhoomi Puja and auspicious ground stone	1 Day		
	2.Sub structure works - Pile Foundation & Pile cap			
02	Centre line Marking / set back checking	1 day	01	FS+1
03	Pile boring (27 piles)	25	02	FS
04	Pile reinforcement and cage erection	25	03	SS
05	Pile concrete with M30 grade of concrete 400 kg/m3	25	04	SS
06	pile team demobilization and slush removal works	3	05	FS
07	Pile cap marking & pile breaking up to cut off level	4	06	FS
08	Pile cap PCC works @ 1: 11/2:3 Mix ratio	3	07	SS+2
09	Pile cap & column Reinforcement works	6	08	FF+1
10	Pile cap outer form works	3	09	FS+1
11	Pile cap concrete M25 @ 350 kg/m3 as 1:1 1/2:3 Mix	3	10	FF
12	Back filling / consolidation for pile cap	3	11	FS+1
13	Grade beam Marking / PCC	1	12	FS
14	Reinforcement for Grade beam	4	13	FS

	works			
15	Form work for grade beam	3	14	FS
16	RCC for Plinth beam M25 @ 350 kg/m3 as 1:1 1/2:3 Mix	3	15	FF
17	Basement brick work upto floor level 3'0" from road level	6	16	FS-1
18	Back filling / consolidation inside grade beam / basement brick works	4	17	FS-1
19	PCC for basement 1: 11/2:3 Mix ratio @ Floor finish level	1	18	FS
20	Completion of basement PCC	0	19	FS
	3.UG Sump works			
21	Earth work excavation	2	20	FS
22	UG sump Base PCC works	2	21	FS
23	UG sump Base raft slab (Reinforcement/ shuttering/ concrete works)	2	22	FS
24	UG sump outer 4.5" tk brick wall	4	23	FS
25	UG sump RCC wall Reinforcement works	3	24	FS
26	UG sump RCC wall shuttering works	3	25	FS
27	UG sump RCC wall Concrete works	2	26	FS
28	UG sump Cover rcc slab (Reinforcement/ shuttering/	3	27	FS

	concrete works)			
29	Completion of UG sump	0	28	FS
	4. Structural works			
	4.1 Stilt floor roof slab & PT beams			
30	Column marking & casting	1	20	FS
31	Column reinforcement (19 columns)	2	30	FS
32	Column formwork	2	31	FS
33	RCC for Ground floor columns M35 with cement content 420 kg/m3	2	32	FF
34	Form work for roof slab	4	33	FS
35	Reinforcement for ground floor roof slab	3	34	FS
36	PT beam reinforcement works	2	35	FS
37	Electrical roof conduiting works	1	36	FS
38	RCC for Ground floor roof slab M25 with cement content 350 kg/m3	1	37	FS
39	Curing	7	38	FS
40	PT beam tendon stressing & DE shuttering of roof slab	2	39	FS
41	Completion of Stilt floor roof slab	0	40	FS
	4.2. First floor roof slab & PT beams			
42	Column marking & casting	1	41	FS
43	Column	3	42	FS

	reinforcement (19 columns)			
44	Column formwork	2	43	FS
45	RCC for first floor columns M30 with cement content 380 kg/m3	2	44	FF
46	Form work for roof slab	4	45	FS
47	Reinforcement for first floor roof slab	3	46	FS
48	PT beam reinforcement works	2	47	FS
49	Electrical roof conduiting works	1	48	FS
50	RCC for first floor roof slab M25 with cement content 350 kg/m3	1	49	FS
51	Curing	7	50	FS
52	PT beam tendon stressing & DE shuttering of roof slab	1	51	FS
53	Completion of first floor roof slab	0	52	FS
	4.3 Second floor roof slab & PT beams			
54	Column marking & casting	1	53	FS
55	Column reinforcement (19 columns)	3	54	FS
56	Column formwork	2	55	FS
57	RCC for Second floor columns M25 with cement content 350 kg/m3	2	56	FF
58	Form work for roof slab	4	57	FS

59	Reinforcement for Second floor roof slab	3	58	FS
60	PT beam reinforcement works	2	59	FS
61	Electrical roof conduiting works	1	60	FS
62	RCC for Second floor roof slab M25 with cement content 350 kg/m3	1	61	FS
63	Curing	7	62	FS
64	PT beam tendon stressing & Deshuttering of roof slab	1	63	FS
65	Completion of Second floor roof slab	0	64	FS
	4.4 Terrace floor roof slab & temporary structure beams			
66	Column marking & casting	1	65	FS
67	Column reinforcement (19 columns)	2	66	FS
68	Column formwork	2	67	FS
69	RCC for Terrace floor columns M25 with cement content 350 kg/m3	2	68	FS
70	Form work for roof slab	3	69	FS
71	Reinforcement for terrace floor roof slab/ beam	3	70	FS
72	Electrical roof conduiting works	1	71	FS
73	RCC for terrace floor roof slab / beam M20 with cement content	1	72	FF

	320 kg/m3			
74	Curing	7	73	FS
75	Completion of terrace floor roof slab & temporary structure beams	0	74	FS
	4.5 Over head tank (OHT)			
76	Column marking & casting	1	75	FS
77	Column reinforcement (4 columns)	1	76	FF
78	Column formwork	1	77	FS
79	RCC for Terrace floor columns M20	1	78	FF
80	Form work for OHT base slab	1	79	FS
81	Reinforcement for for OHT base slab	1	80	FS
82	RCC for for OHT base slab	1	81	FF
83	Form work for OHT RCC wall	2	82	FS
84	Reinforcement for for OHT RCC walls	2	83	FS
85	RCC for for OHT RCC walls	1	84	FF
86	Water proofing works inside water tank for base slab/RCC walls	3	85	FS
87	Form work for OHT cover slab	1	86	FS
88	Reinforcement for for OHT cover slab	1	87	FS
89	RCC for for OHT cover slab	1	88	FS
90	Curing	4	89	FS
91	Completion of Overhead tank	0	90	FS
	5.Brickwork & Plastering			
	5.1 First floor			

	brick work/ plastering			
92	Ceiling plastering with hacking	3	53	FS
93	brick work up to lintel level	3	92	FS
94	lintel / sunshade	2	93	FS
95	brick work above lintel level	3	94	FS
96	Completion of 1st floor brick work	0	95	FS
97	Button marking	2	96	FS
98	Internal wall plastering	7	97	FS
99	Sunken brick jelly and water proofing works'	3	98	FS
100	Completion of internal plastering in 1st floor	0	98	FS
	5.2 Second floor brick work/ plastering			
101	Ceiling plastering with hacking'	3	65	FS+3
102	brick work upto lintel level	3	101	FS
103	lintel / sunshade	2	102	FS
104	brick work above lintel level	3	103	FS
105	Completion of 2nd floor brick work	0	104	FS
106	Button marking	2	105	FS
107	Internal wall plastering	7	106	FS
108	Sunken brick jelly and water proofing works'	3	107	FS
109	Completion of internal plastering in 2nd floor	0	107	FS
	5.3 Stilt / terrace brick work/ plastering			
110	Ceiling plastering with hacking'	4	100	FS
111	Brick work in stilt floor	3	110	FS

112	Button marking	1	110	FS
113	Internal wall plastering	5	111	FS
114	Completion of wall plastering in stilt floor	0	113	FS
	5.4 terrace brick work/ plastering			
115	Ceiling plastering with hacking'	4	109	FS
116	Brick work in terrace floor	3	115	FS
117	Button marking	1	115	FS
118	Internal wall plastering	4	116	FS
119	Completion of wall plastering in terrace floor	0	118	FS
	5.5 External wall plastering			
120	External scaffolding works	4	105	FS
121	Chipping / dressing works	2	120	FS
122	Button marking	3	120,111	FS
123	External plastering works	20	121	FS-1
124	Completion of External plastering	0	123	FS
	6. Handing over of civil works			
125	Final snag points	5	124	FS-1
126	Handing of civil works	0	125	FS

Palazzo di TAG" @ T Nagar

7. PROJECT IN PRIMAVERA

Primavera P6 Professional R16.2 : PDT (PALAZZO DI TAG)

File Edit View Project Enterprise Tools Admin Help

Activities WBS

Layout: Classic Schedule Layout Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration	Schedule % Complete	Start	Finish	Total Flo
Total		112	112	0%	02-Nov-20	18-Mar-21	
PALAZZO DI TAG		112	112	0%	02-Nov-20	18-Mar-21	
bhoomi pooja		1	1	0%	02-Nov-20	02-Nov-20	
A1000	Bhoomi Puja and auspicious	1	1	0%	02-Nov-20	02-Nov-20	
Sub structure works - Pile Foundation		60	60	0%	04-Nov-20	19-Jan-21	
A1010	Centre line Marking / set bac	1	1	0%	04-Nov-20	04-Nov-20	
A1020	Pile boring (27 piles)	25	25	0%	05-Nov-20	04-Dec-20	
A1030	Pile reinforcement and cage	25	25	0%	05-Nov-20	04-Dec-20	
A1040	Pile concrete with M30 grade	25	25	0%	05-Nov-20	04-Dec-20	
A1050	pile team demobilization and	3	3	0%	05-Dec-20	08-Dec-20	
A1060	Pile cap marking & pile break	4	4	0%	09-Dec-20	12-Dec-20	
A1070	Pile cap PCC works @ 1: 11.	3	3	0%	11-Dec-20	14-Dec-20	
A1080	Pile cap & column Reinforcer	6	6	0%	09-Dec-20	15-Dec-20	
A1090	Pile cap outer form works	3	3	0%	17-Dec-20	19-Dec-20	
A1100	Pile cap concrete M25 @ 35	3	3	0%	17-Dec-20	19-Dec-20	
A1110	Back filling / consolidation fo	3	3	0%	22-Dec-20	24-Dec-20	
A1120	Grade beam Marking / PCC	1	1	0%	26-Dec-20	26-Dec-20	
A1130	Reinforcement for Grade bee	4	4	0%	28-Dec-20	31-Dec-20	
A1140	Form work for grade beam	3	3	0%	02-Jan-21	05-Jan-21	
A1150	RCC for Plinth beam M25 @	3	3	0%	02-Jan-21	05-Jan-21	
A1160	Basement brick work upto flc	6	6	0%	05-Jan-21	11-Jan-21	
A1170	Back filling / consolidation in	4	4	0%	11-Jan-21	16-Jan-21	

Nov 01 Nov 08 Nov 15 Nov 22 Nov 29 Dec 06 Dec 13 Dec 20 Dec 27

02-Nov-20, bhoomi pooja

Bhoomi Puja and auspicious ground stone

Centre line Marking / set back checking

Pile boring (27 piles)

Pile reinforcement and cage erection

Pile concrete with M30 grade of concrete 400 kg.

pile team demobilization and slush remove

Pile cap marking & pile breaking up

Pile cap PCC works @ 1: 11/2

Pile cap & column Reinforcei

Pile cap outer form w

Pile cap concrete M2

Back filling

Grade b

General Status Resources Predecessors Successors Relationships Codes Discussion Expenses Feedback Notebook Risks Steps Summary WPs & Docs

Activity A2250 Handing of civil works Project PDT

Predecessors Successors



Activities

Activities **WBS**

Layout: Classic Schedule Layout Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration	Schedule % Complete	Start	Finish	Total Flo	Nov 01	Nov 08	Nov 15	Nov 22	Nov 29	Dec 06	Dec 13	Dec 20	Dec 27
A1180	PCC for basement 1: 11/2:3	1	1	0%	18-Jan-21	18-Jan-21										
A1190	Completion of basement PCC	0	0	0%	19-Jan-21	19-Jan-21										
UG Sump works		21	21	0%	19-Jan-21	13-Feb-21	2									
A1200	Earth work excavation	2	2	0%	19-Jan-21	20-Jan-21	2									
A1210	UG sump Base PCC works	2	2	0%	21-Jan-21	22-Jan-21	2									
A1220	UG sump Base raft slab (Rei	2	2	0%	23-Jan-21	25-Jan-21	2									
A1230	UG sump outer 4.5" tk brick	4	4	0%	27-Jan-21	30-Jan-21	2									
A1240	UG sump RCC wall Reinforce	3	3	0%	01-Feb-21	03-Feb-21	2									
A1250	UG sump RCC wall shuttering	3	3	0%	04-Feb-21	06-Feb-21	2									
A1260	UG sump RCC wall Concrete	2	2	0%	08-Feb-21	09-Feb-21	2									
A1270	UG sump Cover rcc slab (Re	3	3	0%	10-Feb-21	12-Feb-21	2									
A1280	Completion of UG sump	0	0	0%	13-Feb-21	13-Feb-21	2									
Structural woks		112	112	0%	02-Nov-20	18-Mar-21										
4.1 Stilt floor roof slab & PT beams		25	25	0%	19-Jan-21	18-Feb-21	2									
A1290	Column marking & casting	1	1	0%	19-Jan-21	19-Jan-21										
A1300	Column reinforcement (19 co	2	2	0%	20-Jan-21	21-Jan-21										
A1310	Column formwork	2	2	0%	22-Jan-21	23-Jan-21										
A1320	RCC for Ground floor column	2	2	0%	22-Jan-21	23-Jan-21										
A1330	Form work for roof slab	4	4	0%	25-Jan-21	29-Jan-21										
A1340	Reinforcement for ground flo	3	3	0%	30-Jan-21	02-Feb-21										
A1350	PT beam reinforcement work	2	2	0%	03-Feb-21	04-Feb-21										
A1360	Electrical roof conduiting wor	1	1	0%	05-Feb-21	05-Feb-21										
A1370	RCC for Ground floor roof sla	1	1	0%	06-Feb-21	06-Feb-21										

General Status Resources Predecessors Successors Relationships Codes Discussion Expenses Feedback Notebook Risks Steps Summary WPs & Docs

Activity A2250 Handing of civil works Project PDT

Predecessors Successors



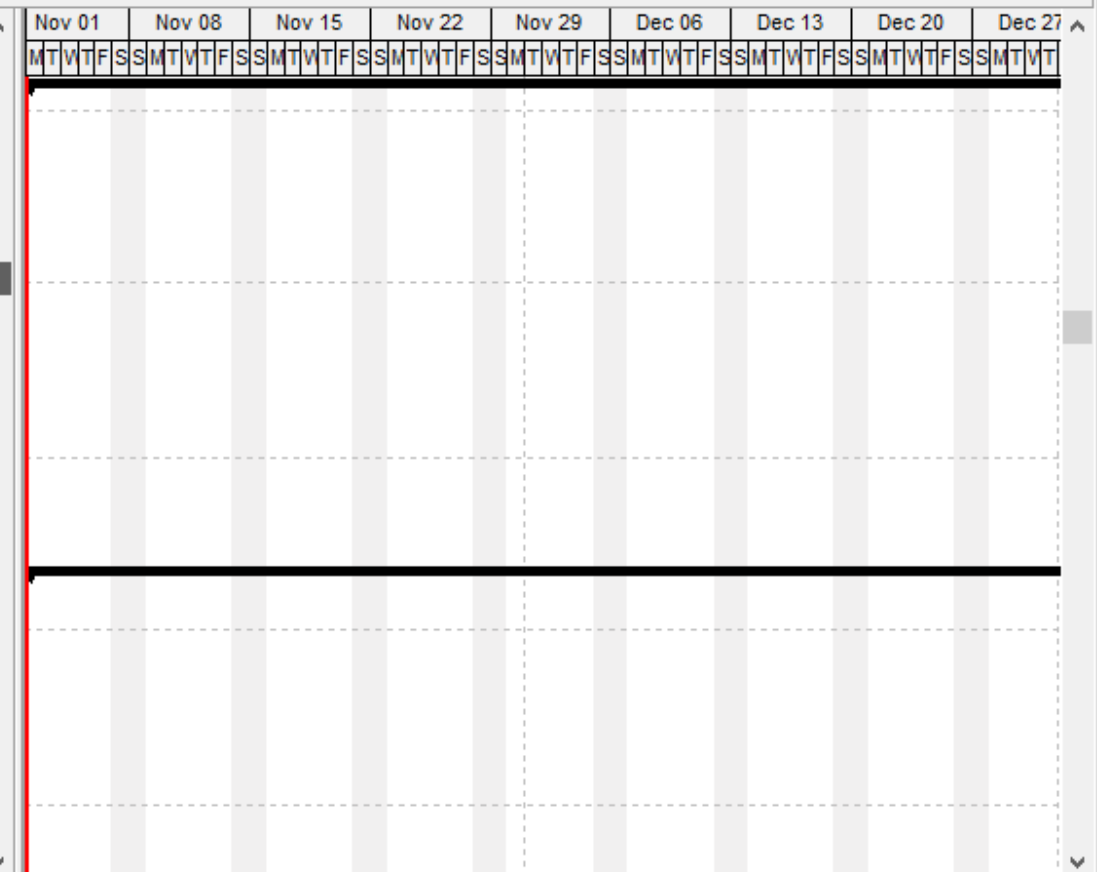
Activities

Activities WBS

Layout: Classic Schedule Layout

Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration	Schedule % Complete	Start	Finish	Total Flo
Structural woks		112	112	0%	02-Nov-20	18-Mar-21	
4.1 Stilt floor roof slab & PT beams		25	25	0%	19-Jan-21	18-Feb-21	
A1290	Column marking & casting	1	1	0%	19-Jan-21	19-Jan-21	
A1300	Column reinforcement (19 co	2	2	0%	20-Jan-21	21-Jan-21	
A1310	Column formwork	2	2	0%	22-Jan-21	23-Jan-21	
A1320	RCC for Ground floor column	2	2	0%	22-Jan-21	23-Jan-21	
A1330	Form work for roof slab	4	4	0%	25-Jan-21	29-Jan-21	
A1340	Reinforcement for ground flo	3	3	0%	30-Jan-21	02-Feb-21	
A1350	PT beam reinforcement work	2	2	0%	03-Feb-21	04-Feb-21	
A1360	Electrical roof conduiting wor	1	1	0%	05-Feb-21	05-Feb-21	
A1370	RCC for Ground floor roof sla	1	1	0%	06-Feb-21	06-Feb-21	
A1380	Curing	7	7	0%	08-Feb-21	15-Feb-21	
A1390	PT beam tendon stressing &	2	2	0%	16-Feb-21	17-Feb-21	
A1400	Completion of Stilt floor roof s	0	0	0%	18-Feb-21	18-Feb-21	
4.2. First floor roof slab & PT beam:		112	112	0%	02-Nov-20	18-Mar-21	
A1410	Column marking & casting	1	1	0%	18-Feb-21	18-Feb-21	
A1420	Column reinforcement (19 co	3	3	0%	19-Feb-21	22-Feb-21	
A1430	Column formwork	2	2	0%	23-Feb-21	24-Feb-21	
A1440	RCC for first floor columns M	2	2	0%	23-Feb-21	24-Feb-21	
A1450	Form work for roof slab	4	4	0%	25-Feb-21	01-Mar-21	
A1460	Reinforcement for first floor rc	3	3	0%	02-Mar-21	04-Mar-21	
A1470	PT beam reinforcement work	2	2	0%	05-Mar-21	06-Mar-21	
A1480	Electrical roof conduiting wor	1	1	0%	08-Mar-21	08-Mar-21	



General Status Resources Predecessors Successors Relationships Codes Discussion Expenses Feedback Notebook Risks Steps Summary WPs & Docs



Activity A2250

Handing of civil works

Project PDT

Predecessors

Successors

Activities	WBS
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Filter: All Activities

The Gantt chart displays the following tasks and their durations:

- Completion of first floor roof slab**: Nov 01 - 02-Dec-20, 4.3 Second floor roof slab & PT beams
- Column marking & casting**: Nov 01 - Nov 01
- Column reinforcement (19 columns)**: Nov 01 - Nov 01
- Column formwork**: Nov 01 - Nov 01
- RCC for Second floor columns M25 with cement content 350 kg/m³**: Nov 01 - Nov 01
- Form work for roof slab**: Nov 01 - Nov 01
- Reinforcement for Second floor roof slab**: Nov 01 - Nov 01
- PT beam reinforcement works**: Nov 01 - Nov 01
- Electrical roof conduiting works**: Nov 01 - Nov 01
- RCC for Second floor roof slab M25 with cement content 350 kg/m³**: Nov 01 - Nov 01
- Curing**: Nov 01 - Nov 01
- PT beam tendon stressing & Dethuttering of roof slab**: Nov 01 - Nov 01
- Completion of Second floor roof slab**: Nov 01 - 28-D
- Column marking & casting**: 28-D - 28-D
- Column reinforcement (19 columns)**: 28-D - 28-D
- Column formwork**: 28-D - 28-D
- RCC for Terrace floor columns M25 with**: 28-D - 28-D
- Form work for roof slab**: 28-D - 28-D
- Reinforcement for terrace f**: 28-D - 28-D
- Electrical roof conduiting**: 28-D - 28-D
- RCC for terrace floor roof**: 28-D - 28-D

Project	PDT
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Successors

Filter: All Activities

Project PDT[illegible]



Activities
Activities WBS

Layout: Classic Schedule Layout Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration	Schedule % Complete	Start	Finish	Total Flo
A1900	Completion of Overhead tank	0	0	0%	21-Jan-21	21-Jan-21	4
5.Brickwork & Plastering		64	64	0%	02-Nov-20	21-Jan-21	4
5.1 First floor brick work/ plastering		23	23	0%	02-Nov-20	28-Nov-20	6
A1910	Ceiling plastering with hacking	3	3	0%	02-Nov-20	04-Nov-20	6
A1920	brick work up to lintel level	3	3	0%	05-Nov-20	07-Nov-20	6
A1930	lintel / sunshade	2	2	0%	09-Nov-20	10-Nov-20	6
A1940	brick work above lintel level	3	3	0%	11-Nov-20	13-Nov-20	6
A1950	Completion of 1st floor brick work	0	0	0%	16-Nov-20	16-Nov-20	6
A1960	Button marking	2	2	0%	16-Nov-20	17-Nov-20	6
A1970	Internal wall plastering	7	7	0%	18-Nov-20	25-Nov-20	6
A1980	Sunken brick jelly and water	3	3	0%	26-Nov-20	28-Nov-20	6
A1990	Completion of internal plaster	0	0	0%	26-Nov-20	26-Nov-20	6
5.2 Second floor brick work/ plastering		23	23	0%	05-Dec-20	02-Jan-21	6
A2000	Ceiling plastering with hacking	3	3	0%	05-Dec-20	08-Dec-20	4
A2010	brick work upto lintel level	3	3	0%	09-Dec-20	11-Dec-20	4
A2020	lintel / sunshade	2	2	0%	12-Dec-20	14-Dec-20	4
A2030	brick work above lintel level	3	3	0%	15-Dec-20	17-Dec-20	4
A2040	Completion of 2nd floor brick work	0	0	0%	18-Dec-20	18-Dec-20	4
A2050	Button marking	2	2	0%	18-Dec-20	19-Dec-20	5
A2060	Internal wall plastering	7	7	0%	21-Dec-20	29-Dec-20	5
A2070	Sunken brick jelly and water	3	3	0%	30-Dec-20	02-Jan-21	6
A2080	Completion of internal plaster	0	0	0%	30-Dec-20	30-Dec-20	5
5.3 Stilt / terrace brick work/ plastering		12	12	0%	26-Nov-20	10-Dec-20	6

Nov 01 Nov 08 Nov 15 Nov 22 Nov 29 Dec 06 Dec 13 Dec 20 Dec 27

28-Nov-20, 5.1 First floor brick work/ plastering

10-Dec-20, 5.3 Stilt / terrace brick work

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Activity A2250 Handing of civil works Project PDT

Predecessors Successors

Activities	WBS
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Filter: All Activities

The Gantt chart displays the following activities and their durations:

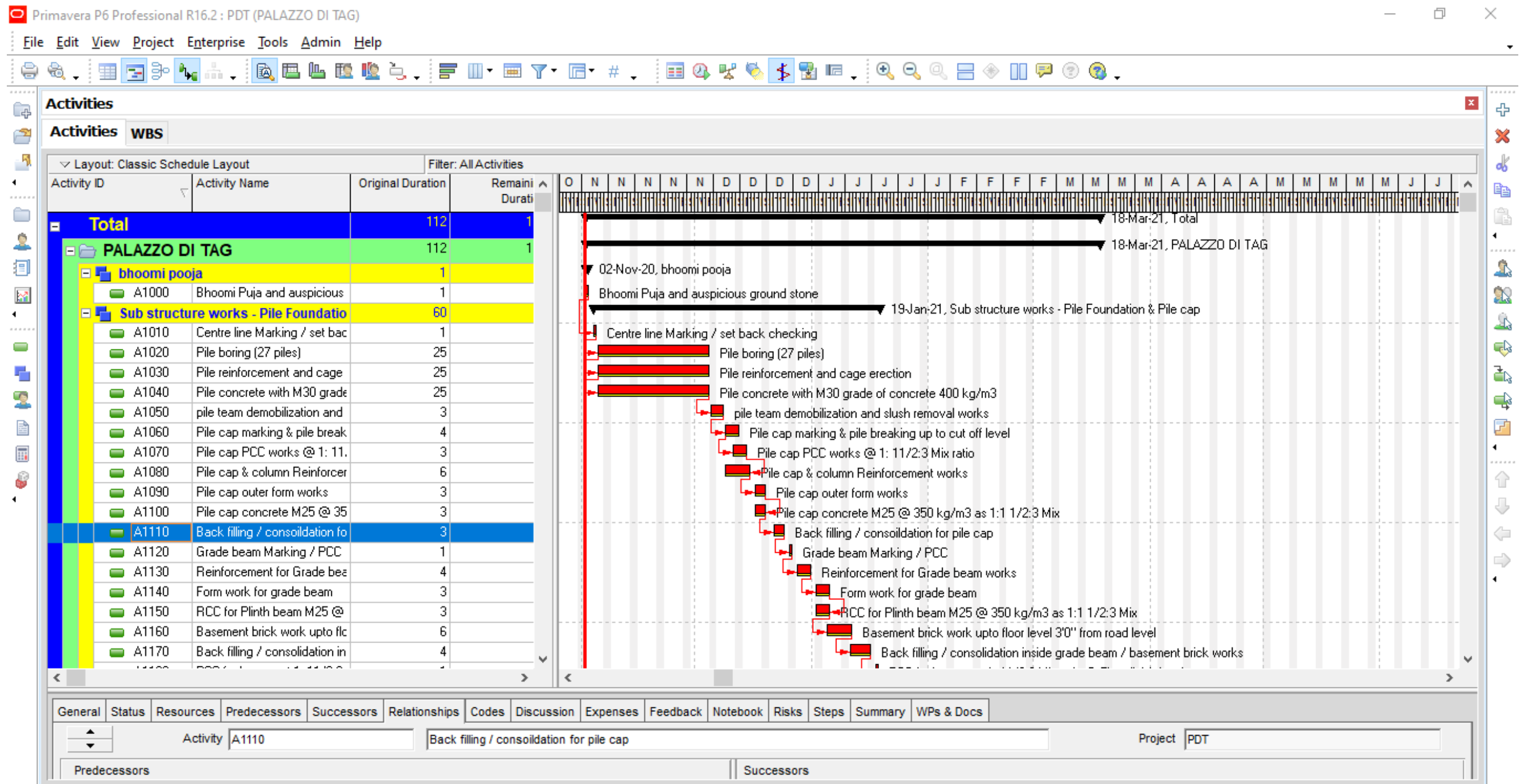
- Ceiling plastering with hacking'**: Starts on Nov 22 and ends on Dec 06.
- Brick work in stilt floor**: Starts on Nov 22 and ends on Dec 06.
- Button marking**: Starts on Nov 22 and ends on Dec 06.
- Internal wall plastering**: Starts on Nov 22 and ends on Dec 06.
- Completion of wall plastering in stilt floor**: Starts on Nov 22 and ends on Dec 06.
- External scaffold**: Starts on Dec 13 and ends on Dec 27.
- Chipping / c**: Starts on Dec 13 and ends on Dec 27.
- Button r**: Starts on Dec 13 and ends on Dec 27.

Activity	A2250	Handing of civil works
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PDT

Successors

8. CRITICAL PATH ANALYSIS





Activities

Activities WBS

Layout: Classic Schedule Layout Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration
A1140	Form work for grade beam	3	
A1150	RCC for Plinth beam M25 @	3	
A1160	Basement brick work upto flc	6	
A1170	Back filling / consolidation in	4	
A1180	PCC for basement 1: 11/2:3	1	
A1190	Completion of basement PCC	0	
UG Sump works		21	
A1200	Earth work excavation	2	
A1210	UG sump Base PCC works	2	
A1220	UG sump Base raft slab (Rei	2	
A1230	UG sump outer 4.5" tk brick	4	
A1240	UG sump RCC wall Reinforce	3	
A1250	UG sump RCC wall shuttering	3	
A1260	UG sump RCC wall Concrete	2	
A1270	UG sump Cover rcc slab (Re	3	
A1280	Completion of UG sump	0	
Structural woks		112	1
4.1 Stilt floor roof slab & PT beams		25	
A1290	Column marking & casting	1	
A1300	Column reinforcement (19 co	2	
A1310	Column formwork	2	
A1320	RCC for Ground floor column	2	
A1330	Form work for roof slab	4	

13-Feb-21, UG Sump works

- Form work for grade beam
- RCC for Plinth beam M25 @ 350 kg/m3 as 1:1 1/2:3 Mix
- Basement brick work upto floor level 3'0" from road level
- Back filling / consolidation inside grade beam / basement brick works
- PCC for basement 1: 11/2:3 Mix ratio @ Floor finish level
- Completion of basement PCC
- Earth work excavation
- UG sump Base PCC works
- UG sump Base raft slab (Reinforcement/ shuttering/ concrete works)
- UG sump outer 4.5" tk brick wall
- UG sump RCC wall Reinforcement works
- UG sump RCC wall shuttering works
- UG sump RCC wall Concrete works
- UG sump Cover rcc slab (Reinforcement/ shuttering/ concrete works)
- Completion of UG sump

18-Feb-21, 4.1 Stilt floor roof slab & PT beams

- Column marking & casting
- Column reinforcement (19 columns)
- Column formwork
- RCC for Ground floor columns M35 with cement content 420 kg/m3
- Form work for roof slab

18-Mar-21, Structural woks

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Activity A1110 Back filling / consolidation for pile cap Project PDT

Predecessors Successors



Activities

Activities WBS

Layout: Classic Schedule Layout Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration
A1280	Completion of UG sump	0	
4.1 Stilt floor roof slab & PT beams		112	1
A1290	Column marking & casting	1	
A1300	Column reinforcement (19 co	2	
A1310	Column formwork	2	
A1320	RCC for Ground floor column	2	
A1330	Form work for roof slab	4	
A1340	Reinforcement for ground flo	3	
A1350	PT beam reinforcement work	2	
A1360	Electrical roof conduiting wor	1	
A1370	RCC for Ground floor roof sla	1	
A1380	Curing	7	
A1390	PT beam tendon stressing &	2	
A1400	Completion of Stilt floor roof s	0	
4.2. First floor roof slab & PT beam:		112	1
A1410	Column marking & casting	1	
A1420	Column reinforcement (19 co	3	
A1430	Column formwork	2	
A1440	RCC for first floor columns M	2	
A1450	Form work for roof slab	4	
A1460	Reinforcement for first floor rc	3	
A1470	PT beam reinforcement work	2	

Activity A1110: Back filling / consolidation for pile cap

Project: PDT

Predecessors: Successors:



Activities

Activities WBS

Layout: Classic Schedule Layout Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration
A1510	PT beam tendon stressing &	1	
A1520	Completion of first floor roof s	0	
4.3	Second floor roof slab & PT bea	25	
A1530	Column marking & casting	1	
A1540	Column reinforcement (19 co	3	
A1550	Column formwork	2	
A1560	RCC for Second floor columr	2	
A1570	Form work for roof slab	4	
A1580	Reinforcement for Second flc	3	
A1590	PT beam reinforcement work	2	
A1600	Electrical roof conduiting wor	1	
A1610	RCC for Second floor roof sle	1	
A1620	Curing	7	
A1630	PT beam tendon stressing &	1	
A1640	Completion of Second floor r	0	
4.4	Terrace floor roof slab & tempo	21	
A1650	Column marking & casting	1	
A1660	Column reinforcement (19 co	2	
A1670	Column formwork	2	
A1680	RCC for Terrace floor columr	2	
A1690	Form work for roof slab	3	
A1700	Reinforcement for terrace floi	3	
A1710	Electrical roof conduiting wor	1	

Completion of first floor roof slab

02-Dec-20, 4.3 Second floor roof slab & PT beams

Column marking & casting

Column reinforcement (19 columns)

Column formwork

RCC for Second floor columns M25 with cement content 350 kg/m3

Form work for roof slab

Reinforcement for Second floor roof slab

PT beam reinforcement works

Electrical roof conduiting works

RCC for Second floor roof slab M25 with cement content 350 kg/m3

Curing

PT beam tendon stressing & Deshuttering of roof slab

Completion of Second floor roof slab

28-Dec-20, 4.4 Terrace floor roof slab & temporary structure beams

Column marking & casting

Column reinforcement (19 columns)

Column formwork

RCC for Terrace floor columns M25 with cement content 350 kg/m3

Form work for roof slab

Reinforcement for terrace floor roof slab/ beam

Electrical roof conduiting works

PT beam tendon stressing & DE shuttering of roof slab

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Activity A1110 Back filling / consolidation for pile cap Project PDT

Predecessors Successors



Activities
Activities WBS

Layout: Classic Schedule LayoutFilter: All Activities

Activity ID	Activity Name	Original Duration	Remaini Durati
A1630	PT beam tendon stressing &	1	
A1640	Completion of Second floor r	0	
4.4 Terrace floor roof slab & tempo		21	
A1650	Column marking & casting	1	
A1660	Column reinforcement (19 co	2	
A1670	Column formwork	2	
A1680	RCC for Terrace floor columr	2	
A1690	Form work for roof slab	3	
A1700	Reinforcement for terrace flo	3	
A1710	Electrical roof conduiting wor	1	
A1720	RCC for terrace floor roof slat	1	
A1730	Curing	7	
A1740	Completion of terrace floor ro	0	
4.5 Over head tank (OHT)		18	
A1750	Column marking & casting	1	
A1760	Column reinforcement (4 col	1	
A1770	Column formwork	1	
A1780	RCC for Terrace floor columr	1	
A1790	Form work for OHT base slat	1	
A1800	Reinforcement for for OHT b.	1	
A1810	RCC for for OHT base slab	1	
A1820	Form work for OHT RCC wall	2	
A1830	Reinforcement for for OHT R	2	

PT beam tendon stressing & Deshuttering of roof slab
Completion of Second floor roof slab
28-Dec-20, 4.4 Terrace floor roof slab & temporary structure beams
Column marking & casting
Column reinforcement (19 columns)
Column formwork
RCC for Terrace floor columns M25 with cement content 350 kg/m3
Form work for roof slab
Reinforcement for terrace floor roof slab/ beam
Electrical roof conduiting works
RCC for terrace floor roof slab / beam M20 with cement content 320 kg/m3
Curing
Completion of terrace floor roof slab & temporary structure beams
21-Jan-21, 4.5 Over head tank (OHT)
Column marking & casting
Column reinforcement (4 columns)
Column formwork
RCC for Terrace floor columns M20
Form work for OHT base slab
Reinforcement for for OHT base slab
RCC for for OHT base slab
Form work for OHT RCC wall
Reinforcement for for OHT RCC walls

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Activity A1110Back filling / consolidation for pile capProject PDT

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Activities **WBS**

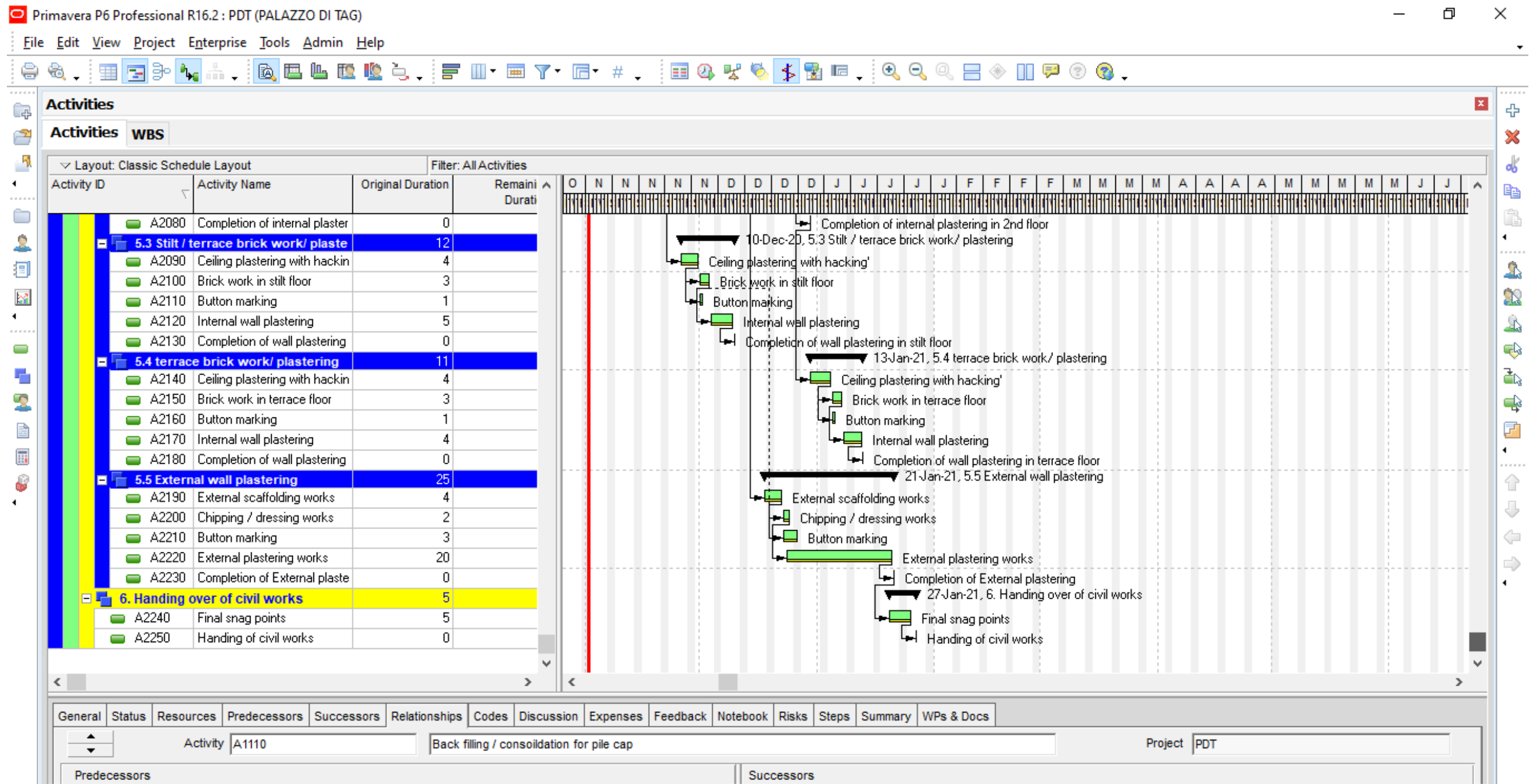
Layout: Classic Schedule Layout Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration
A1890	Curing	4	
A1900	Completion of Overhead tank	0	
5.Brickwork & Plastering		64	
5.1 First floor brick work/ plastering		23	
A1910	Ceiling plastering with hacking	3	
A1920	brick work up to lintel level	3	
A1930	lintel / sunshade	2	
A1940	brick work above lintel level	3	
A1950	Completion of 1st floor brick work	0	
A1960	Button marking	2	
A1970	Internal wall plastering	7	
A1980	Sunken brick jelly and water	3	
A1990	Completion of internal plaster	0	
5.2 Second floor brick work/ plastering		23	
A2000	Ceiling plastering with hacking	3	
A2010	brick work upto lintel level	3	
A2020	lintel / sunshade	2	
A2030	brick work above lintel level	3	
A2040	Completion of 2nd floor brick work	0	
A2050	Button marking	2	
A2060	Internal wall plastering	7	
A2070	Sunken brick jelly and water	3	
A2080	Completion of internal plaster	0	

Activity A1110: Back filling / consolidation for pile cap

Project: PDT

Predecessors: Successors:



9. Project overview

Palazzo di TAG, A commercial Project by M/s. Tag Homes Construction Pvt Ltd, Chennai @ Door No 1 , Dr.Narasimhan Street, T Nagar – 600 017 of an Built up area of 5400 sft comprises Stilt+ 2 Floors with stilt floor car parking . This Project was commenced by RSM Constructions & interiors with Pile foundation as per Soil test Report and framed structure and Post tensioned beam structure and completed the civil works. I have worked a scheduling work in this project. Critical path method is used in this scheduling.