

PROFESSIONAL TRAINING REPORT

Submitted in partial fulfillment of the requirements for the award of
Master of Architecture degree in Building Management

By

S.LOKHESH



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

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEEMED TO BE UNIVERSITY)
Accredited with Grade 'A' by NAAC
JEPPIAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600119

DEC- JAN 2020 - 21

(Annexure I)



SATHYABAMA

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

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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 2020 - 21

Name of the Student : S. Lokhesh

Semester : III

Reg No. : 39840012

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 **S. Lokhesh (39840012)** who had undergone training in **ViVibe Conseil Private Limited** and has been monitored by the continuous assessment during **Dec 2020 to Jan 2021**.

Dr. Devyani Gangopadhyay
HOD AND DEAN

Submitted for Viva voice Examination held on _____

Internal Examiner

External Examiner



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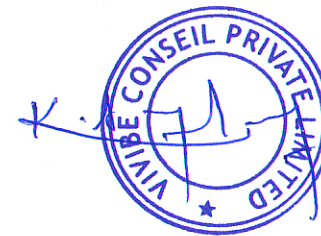


DECLARATION

I, **S. Lokhesh (39840012)** hereby declare that the Professional Training Report **10th December 2020 to 20th January 2021** done by me under the guidance of **Mr.Arun Mozhi Varman K** is submitted in partial fulfillment of the requirements for the completion of practical training session.

DATE : 20 - 01 - 2021

PLACE : COIMBATORE



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.

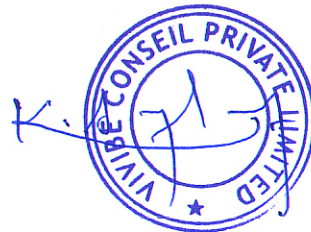
I would like to express my sincere and deep sense of gratitude to **Mr. Arun Mozhi Varman K** for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my Training.

I would also like to express my sincere thanks to Ar. Sukirtha Suresh (Internal Coordinator) 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.

Also thanks to the CEO of the firm,

Mr. Arun Mozhi Varman K



ViVibe Conseil Private Limited

Marutham Hallmark , Seth Narayan Das Layout, Sat Narang Das Layout, Tatabad

Coimbatore, Tamil Nadu 641012

CONFIRMATION LETTER

(Annexure –V)

V I V I B E

Confirmation Letter

General Management

Ref. No. VV/GEM/HR/710

To

The Head of the Department

Department of Architecture, School of Building & Environment

Sathyabama Institute of Science and Technology

Rajiv Gandhi Salai, Jeppiaar Nagar

Chennai-600 119, Tamil Nadu

08-December -2020

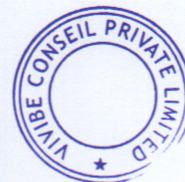
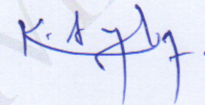
Sub: Confirmation letter for practical training at Vivibe Conseil Private Limited for **Mr. Lokhesh** Reg: 39840012

Respected Sir,

With respect to the above subject we would like to induct **Mr. Lokhesh** (Reg: 39840012) M.Arch in Building Management, Sathyabama Institute of Science And Technology, as a Project Management trainee for a period of 30 days from Dec 10th 2020 to January 20th 2021

Thanking You

Sincerely



Mr Arun Mozhi Varman K

Vivibe Conseil Private Limited

JOINING LETTER

(Annexure –VI)

V I V I B E

Joining Letter

General Management

Ref. No. VV/GEM/HR/706

Mr Lokhesh S

Sathyabama Institute of Science and Technology Department

Chennai

02-December -2020

Dear Mr Lokhesh S

We would like to congratulate you on being selected for the "Management Intern" position, effective from **10-12-2020**. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts through hands-on application of the knowledge you learned in class.

Again, congratulations and we look forward to working with you this coming day.

Sincerely

Arun Mozhi Varman K

(For Vivibe)



MONTHLY REPORT

(Annexure –VII)



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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)

- Name of the office / organization :** ViVibe Conseil Private Limited
- Address & Contact Number** : Marutham Hallmark , Seth Narayan Das Layout, Sat Narang Das Layout, Tatabad, Coimbatore, Tamil Nadu 641012 9585496946
- Name of the student** : S. Lokhesh
- Duration** : From 10 - 12 - 2020 To 31 - 12 - 2020
- Total No. of days** : 15
- 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.

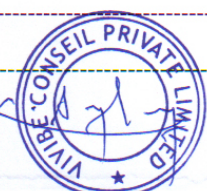
Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Skillsets related to project management		✓			
Design Management		✓			
Understanding the Triple Constraints		✓			
Observation during Site Visits	✓				
Understanding of construction details	✓				
Understanding of Construction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

Overall Grading* B

(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) : _____





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DEPARTMENT OF ARCHITECTURE
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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)

- Name of the office / organization :** Vivibe Conseil Private Limited
- Address & Contact Number** : Marutham Hallmark , Seth Narayan Das Layout, Sat Narang Das Layout, Tatabad, Coimbatore, Tamil Nadu 641012 9585496946
- Name of the student** : S. Lokhesh
- Duration** : From 01 - 01 - 2021 To 20 - 01 - 2021
- Total No. of days** : 15
- 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.

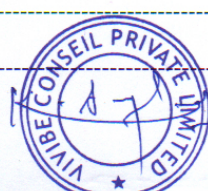
Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Skillsets related to project management	✓				
Design Management	✓				
Understanding the Triple Constraints		✓			
Observation during Site Visits	✓				
Understanding of construction details	✓				
Understanding of Construction 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) : _____



WORK DIARY

(Annexure –VIII)

DAY	PROJECT NAME	WORK DONE	DAY	PROJECT NAME	WORK DONE
10-12-20	Vinoth Residence	Introduction To Project	28-12-20	Pollachi Residence	Client Meeting and Site Visit
11-12-20	Abdul Residence	Introduction To Project	29-12-20	Township - SARAVANAMPATTI	Detailed - Bill of Quantities Site Supervision
12-12-20	Vinoth Residence	Construction Package - Market Analysis	30-12-20	Township - SARAVANAMPATTI	Detailed - Bill of Quantities Site Supervision
14-12-20	Vinoth Residence	Construction Package - Market Analysis	01-01-21	Township - SARAVANAMPATTI	Detailed - Bill of Quantities Site Supervision
15-12-20	Vinoth Residence	Construction Package - Derivation	02-01-21	Vivibe - Study	Discussion on Business development and Marketing strategies for company
16-12-20	Township - SARAVANAMPATTI	Introduction To Project	04-01-21	Township - SARAVANAMPATTI	Detailed - Bill of Quantities Site Supervision
17-12-20	Township - SARAVANAMPATTI	Discussion with Vendors and Contractors	05-01-21	Township - SARAVANAMPATTI	Detailed - Bill of Quantities Site Supervision
18-12-20	Township - SARAVANAMPATTI	Detailed - Bill of Quantities	06-01-21	Township - SARAVANAMPATTI	Site Supervision
19-12-20	Abdul Residence	Site Supervision	07-01-21	Township - SARAVANAMPATTI	Site Supervision
21-12-20	Vinoth Residence / Abdul Residence	Construction Package - Completion Work-Breakdown Structure	08-01-21	Township - SARAVANAMPATTI	Site Supervision
22-12-20	Abdul Residence	WBS - Scheduling	09-01-21	Township - SARAVANAMPATTI	Site Supervision
23-12-20	Abdul Residence	WBS - Scheduling / Site Supervision	11-01-21	Township - SARAVANAMPATTI	Site Supervision
24-12-20	Abdul Residence	WBS - Scheduling / Site Supervision	12-01-21	Township - SARAVANAMPATTI	Site Supervision

Authority Signature:



Office seal:

WORK DIARY

(Annexure –VIII)

DAY	PROJECT NAME	WORK DONE	DAY	PROJECT NAME	WORK DONE
13-01-21	Township - SARA VANAMPATTI	Site Supervision			
18-01-21	Township - SARA VANAMPATTI	Site Supervision			
19-01-21	Township - SARA VANAMPATTI	Site Supervision			
20-01-21	Township - SARA VANAMPATTI	Site Supervision			

Authority Signature:



Office seal:

Consolidated Certificate (Experience)

Annexure – IX

VIVIBE

Experience Certificate

General Management

Ref. No. VV/GEM/HR/708

To

The Head of the Department

Department of Architecture, School of Building & Environment

Sathyabama Institute of Science and Technology

Rajiv Gandhi Salai, Jeppiaar Nagar

Chennai-600 119, Tamil Nadu

20-January -2021

Sub: Completion Letter for Professional Training reg.39840012

Respected Sir,

This is to certify that **Mr. S. Lokhesh (39840012)** has undergone Project Management Student Training with us from **10-12-2020 to 20-01-2021** and has successfully completed the **30 days** period training.

During his tenure as a trainee with us, we found him to be diligent, intelligent and hard working. We wish him all the best & success for the future endeavours.

He has been relieved from all his services as per the rules of the company.

Sincerely

Mr Arun Mozhi Varman K



Vivibe Conseil Private Limited

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INTRODUCTION

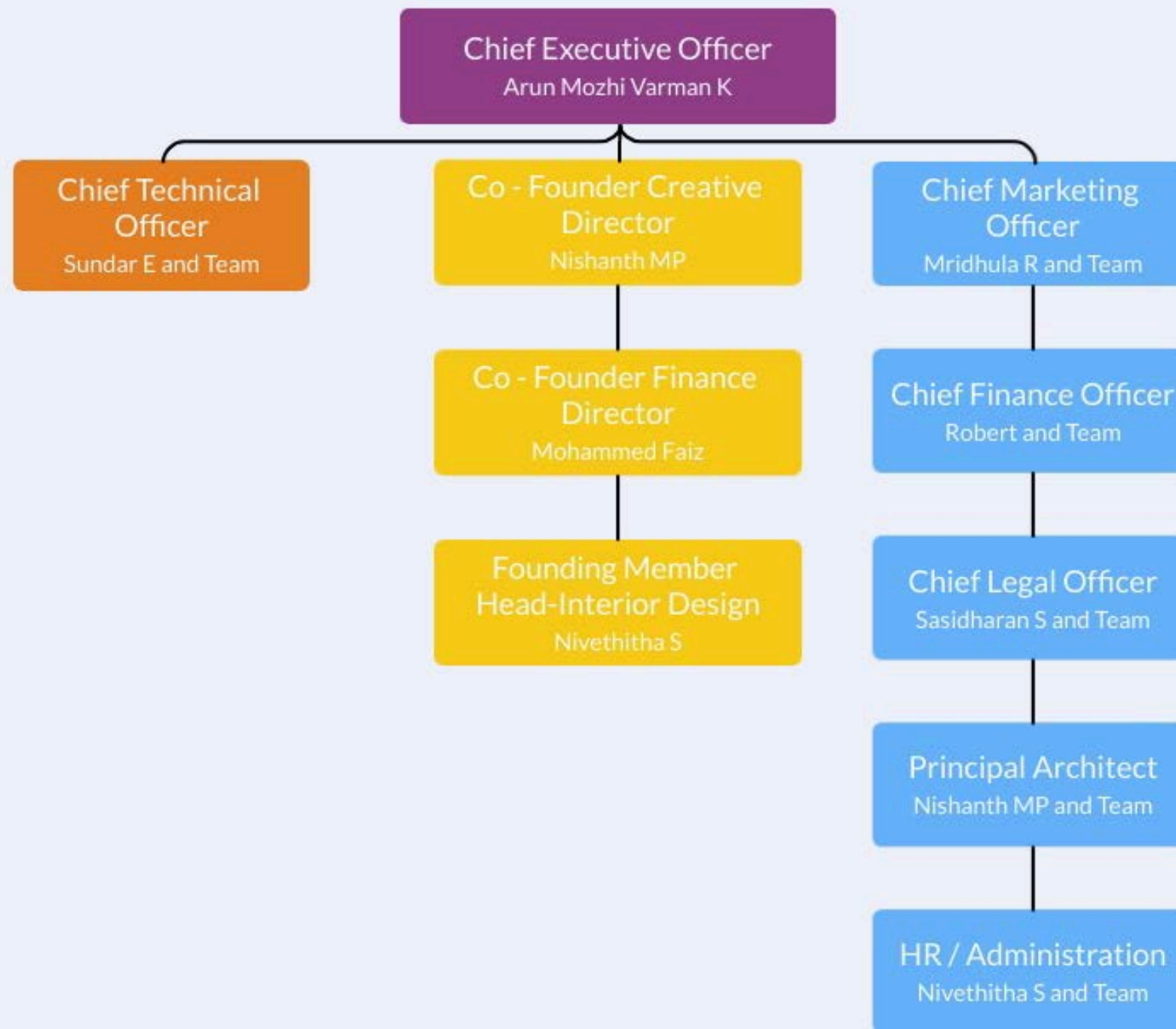
ABOUT THE FIRM:

VIVIBE Counsel Private Limited is an operating cum consultancy firm based in Coimbatore and Chennai, Tamil Nadu. VIVIBE offers varied services on four different platforms. At VIVIBE we concern the desire of people and societal as a base plug in where we centralise people's thought and bridge the gap between environment and society.

IDEALOGY THE FIRM:

- Social relationship enhancement
- Loyalty – Consumer as primary priority
- Global Elite – Economic to Elite
- Thinner – Lighter – Economical
- Affordability without compromising comfort
- Positivity - Inter and Intra company
- Create and spread Energy
- Equality and Diversity

ORGANISATION CHART



OBJECTIVES OF PROFFESIONAL TRAINING:

The main objectives of the professional training is

- To understand the role of project management in construction industry
- Contributions of the firm to the project
- To explore the core areas of Building services and management
- To learn about the business side of the things

SECTORS OF OPERATION

- **Operations and Allied services**
 - Project Management
 - Business Development
 - Finance, Accounts and e-Commerce
 - Information Technology
 - Supply Chain Management
- **Architectural and Allied services**
 - General Architecture
 - Landscape Architecture
 - Interior Design
 - Environmental Solution

- **Industrial Design**
 - Material Research and Development
 - Procurement Management
 - Supply Chain Management

- **Social Activities**
 - Corporate Social Responsibilities (CSR) Activities
 - Uthiram Info Bank
 - Tours and trips on wheels

REASON FOR SELECTING VIVIBE

Vivibe is a start-up company branched from a pure architectural firm I.e. one of the leading organizations in Coimbatore dealing with Residential, Non- residential and Industrial projects. The firm also deals with project management and infrastructure management in the respected projects. Rather than looking at the services provided by the firm as a simple building or service, it is viewed as a product that has to reach and impact people's lives for betterment of their overall quality of life.

The firm is run from a businessman's perspective, thus everything that is done has to bring in profit yet the quality of standard set by the organization has to be maintained.

Standard Rate Packages are created for the clients inclusive of works involving design and build, and every project carried out is provided with a unique element of the architect - Standard design language - created by the architect. Thus, it creates the product unique and indirectly or directly does the marketing for the company and plays an important role in company's growth.

The Firm taps into the mostly unknown territory I.e. business side of the construction field and sprays knowledge regarding the same.

PROJECT – 1
TOWNSHIP, SARAVANAMPATTI, COIMBATORE

DESCRIPTION

The organization takes over the project management part for Brahmha Foundations as a service provider. For the Township in Saravanampatti, Coimbatore.

SCOPE OF WORK

- Site coordination of Digital surveying
- Preparation of abstract and detailed BOQ
- Preparation of Rate Analysis
- Check lists
- Preparation of steel requirement
- Coordination with Digital Surveying

DETAILED BILL OF QUANTITIES

S.No.	Particulars		Unit	Nos	Length (ft)	Breadth(ft)	Height (ft)	Quantity	Total Quantity	Rate per Unit	Total Price
1	Earth Work										
	1	F1	cft	5	5.75	5.75	6.5	1074.53	3573.78	6.5	23229.58
	2	F2	cft	4	6	6	6.5	936			
	3	F3	cft	3	5.5	5.5	6.5	589.88			
	4	F4	cft	2	5.25	5.25	6.5	358.31			
	5	F5	cft	2	5	5	6.5	325			
	6	F6	cft	1	8.5	5.25	6.5	290.06			
2	PCC FOR FOOTING										
	1	F1	cft	5	5.75	5.75	0.5	82.66	274.91	110	30239.69
	2	F2	cft	4	6	6	0.5	72			
	3	F3	cft	3	5.5	5.5	0.5	45.38			
	4	F4	cft	2	5.25	5.25	0.5	27.56			
	5	F5	cft	2	5	5	0.5	25			
	6	F6	cft	1	8.5	5.25	0.5	22.31			
3	PCC FOR FLOORING										
	1	M.bed	cft	1	16.5	14	0.5	115.5	617.66	110	67942.19
	2	kitchen	cft	1	10	14	0.5	70			
	3	utility & pooja	cft	1	10	4.5	0.5	22.5			
	4	dinning & stair	cft	1	23	11	0.5	126.5			
	5	foyer	cft	1	8.5	7	0.5	29.75			
	6	sitout	cft	1	5.75	7.75	0.5	22.28			
	7	living	cft	1	16	16	0.5	128			
	8	portico	cft	1	12.5	16.5	0.5	103.13			
4	GRAVEL FILLING										
	1	M.bed	cft	1	16.5	14	2.75	635.25	3401.75	14	47624.5
	2	kitchen	cft	1	10	14	2.75	385			
	3	utility & pooja	cft	1	10	4.5	2.75	123.75			
	4	dinning & stair	cft	1	32.5	11	2.75	983.13			
	5	foyer	cft	1	8.5	7	2.75	163.63			
	6	sitout	cft	1	7.75	7	2.75	149.19			
	7	living	cft	1	16	16	2.75	704			
	8	portico	cft	1	12.5	16.5	1.25	257.81			

5	REFILLING SOIL													
	EARTHWORK													
	1	F1	cft	5	5.75	5.75	6.5	1074.53	2654.93	7	18584.51			
	2	F2	cft	4	6	6	6.5	936						
	3	F3	cft	3	5.5	5.5	6.5	589.88						
	4	F4	cft	2	5.25	5.25	6.5	358.31						
	5	F5	cft	2	5	5	6.5	325						
	6	F6	cft	1	8.5	5.25	6.5	290.06						
	Deduction(-)													
	i	PCC						274.91						
	ii	CONCRETE						571.8						
	1	C1	cft	5	1.25	0.75	4.75	22.27						
	2	C2	cft	3	1.25	0.75	4.75	13.36						
	3	C3	cft	3	1	0.75	4.75	10.69						
	4	C4	cft	3	1	0.75	4.75	10.69						
	5	C5	cft	2	1	0.75	4.75	7.13						
	6	C6	cft	1	1	0.75	4.75	3.56						
	7	C7	cft	1	1.25	0.75	4.75	4.45						
6	FOOTING CONCRETE													
	1	F1	cft	5	5.25	5.25	1.25	172.27				571.8	170	97205.47
	2	F2	cft	4	5.5	5.5	1.25	151.25						
	3	F3	cft	3	5	5	1.25	93.75						
	4	F4	cft	2	4.75	4.75	1.25	56.41						
	5	F5	cft	2	4.5	4.5	1.25	50.63						
	6	F6	cft	1	8	4.75	1.25	47.5						
7	COLUMN UP TO GROUND FLOOR SLAB													
	1	C1	cft	5	1.25	0.75	19.75	92.58	299.95	275	82487.11			
	2	C2	cft	3	1.25	0.75	19.75	55.55						
	3	C3	cft	3	1	0.75	19.75	44.44						
	4	C4	cft	3	1	0.75	19.75	44.44						
	5	C5	cft	2	1	0.75	19.75	29.63						
	6	C6	cft	1	1	0.75	19.75	14.81						
	7	C7	cft	1	1.25	0.75	19.75	18.52						

8	GRADE BEAM CONCRETE										
	1	North to south		4	32.5	0.75	1.25	121.88	265.31	250	66328.13
	2	East to west		3	44	0.75	1.25	123.75			
	3	East side Grade beam G.B3		1	15.75	0.75	1.25	14.77			
	4	north side (c to c) G.B2		1	14	0.75	1.25	13.13			
	5	north side (D to D) G.B6		1	7	0.75	1.25	6.56			
	6	catilever		3	1.5	0.75	1.25	4.22			
	Deduction (-)										
		C1	cft	5	1.25	0.75	1.25	5.86			
		C2	cft	3	1.25	0.75	1.25	3.52			
		C3	cft	3	1	0.75	1.25	2.81			
		C4	cft	3	1	0.75	1.25	1.88			
		C5	cft	2	1	0.75	1.25	0.94			
		C6	cft	1	1	0.75	1.25	1.17			
		C7	cft	1	1.25	0.75	1.25	1.17			
9	TIE BEAM CONCRETE										
	1	North to south	cft	4	32.5	0.75	0.5	48.75	106.13	250	26531.25
	2	East to west	cft	3	44	0.75	0.5	49.5			
	3	beam G.B 2	cft	1	15.75	0.75	0.5	5.91			
	4	G.B 2	cft	1	14	0.75	0.5	5.25			
	5	G.B 6	cft	1	7	0.75	0.5	2.63			
	6	catilever	cft	3	1.5	0.75	0.5	1.69			
	Deduction (-)										
		C1	cft	5	1.25	0.75	0.5	2.34			
		C2	cft	3	1.25	0.75	0.5	1.41			
		C3	cft	3	1	0.75	0.5	1.13			
		C4	cft	3	1	0.75	0.5	1.13			
		C5	cft	2	1	0.75	0.5	0.75			
		C6	cft	1	1	0.75	0.5	0.38			
		C7	cft	1	1.25	0.75	0.5	0.47			

10	LINTEL CONCRETE GROUND FLOOR										
	1	South side wall	cft	1	44	0.75	0.5	16.5	97.16	250	24289.06
	2	North side wall	cft	1	44	0.75	0.5	16.5			
	3	West side wall	cft	2	32.5	0.75	0.5	24.38			
	4	East side wall		1	32.5	0.75	0.5	12.19			
	5	Foyer south side	cft	1	7	0.75	0.5	2.63			
	6	foyer west side	cft	1	8.5	0.75	0.5	3.19			
	7	living hall	cft	1	16	0.75	0.5	6			
	8	kitchen south &M.bed north wall	cft	2	14	0.75	0.5	10.5			
	9	wall	cft	1	4.5	0.75	0.5	2.25			
	10	wall	cft	1	11	0.75	0.5	5.5			
	11	side wall	cft	1	4	0.75	0.5	2			
	12	side wall	cft	1	4.75	0.75	0.5	2.38			
	Deduction (-)										
		C1	cft	5	1.25	0.75	0.5	2.34			
		C2	cft	3	1.25	0.75	0.5	1.41			
		C3	cft	3	1	0.75	0.5	1.13			
		C4		3	1	0.75	0.5	1.13			
		C6	cft	1	1	0.75	0.5	0.38			
		C7	cft	1	1.25	0.75	0.5	0.47			
11	ROOF SLAB GROUND FLOOR										
	1	M.bed	cft	1	16.5	14	0.5	115.5	609	250	152250
	2	kitchen	cft	1	10	14	0.5	70			
	3	utility & pooja	cft	1	10	4.5	0.5	22.5			
	4	dinning & stair	cft	1	32.5	11	0.5	178.75			
	5	foyer	cft	1	8.5	7	0.5	29.75			
	6	sitout	cft	1	6.75	7	0.5	23.63			
	7	living	cft	1	16	16	0.5	128			
	8	portico	cft	1	11.5	15	0.5	86.25			
	Deduction (-)										
		stair open		1	8.25	11	0.5	45.38			
12	ROOF BEAM CONCRETE GROUND FLOOR										
	1	North to south		4	32.5	0.75	1.25	121.88	265.31	250	66328.13
	2	East to west		3	44	0.75	1.25	123.75			
	3	East side		1	15.75	0.75	1.25	14.77			
	4	north side (C to C)		1	14			13.13			
	5	north side (D to D)		1	7	0.75	1.25	6.56			
	6	catilever		3	1.5	0.75	1.25	4.22			
	Deduction (-)										
		C1		5	1.25	0.75	1.25	5.86			
		C2		3	1.25	0.75	1.25	3.52			
		C3		3	1	0.75	1.25	2.81			
		C4		3	1	0.75	1.25	2.81			
		C5		2	1	0.75	1.25	1.88			
		C6		1	1	0.75	1.25	0.94			
		C7		1	1.25	0.75	1.25	1.17			

13	COLUMN UP TO FIRST FLOOR SLAB										
	1	C1	cft	5	1.25	0.75	10.5	49.22	143.72	275	39522.66
	2	C2	cft	3	1.25	0.75	10.5	29.53			
	3	C3	cft	3	1	0.75	10.5	23.63			
	4	C4	cft	3	1	0.75	10.5	23.63			
	5	C6	cft	1	1	0.75	10.5	7.88			
	6	C7	cft	1	1.25	0.75	10.5	9.84			
14	LINTEL CONCRETE FIRST FLOOR										
	1	South side wall	cft	1	44	0.75	0.5	16.5	85.03	250	21257.81
	2	North side wall	cft	1	44	0.75	0.5	16.5			
	3	West side wall	cft	2	32.5	0.75	0.5	24.38			
	4	East side wall	cft	1	32.5	0.75	0.5	12.19			
	5	northside wall	cft	1	7	0.75	0.5	2.63			
	6	south side wall	cft	1	8.5	0.75	0.5	3.19			
	7	living hall	cft	1	16	0.75	0.5	6			
	8	Guest south & M.bed north wall	cft	2	14	0.75	0.5	10.5			
	Deduction (-)										
		C1	cft	5	1.25	0.75	0.5	2.34			
		C2	cft	3	1.25	0.75	0.5	1.41			
		C3	cft	3	1	0.75	0.5	1.13			
		C4	cft	3	1	0.75	0.5	1.13			
		C6	cft	1	1	0.75	0.5	0.38			
		C7	cft	1	1.25	0.75	0.5	0.47			
15	ROOF BEAM CONCRETE FIRST FLOOR										
	1	M.bed	cft	1	16.5	14	0.5	115.5	544.5	250	136125
	2	Guest bed	cft	1	10	14	0.5	70			
	3	Toilet	cft	1	10	4.5	0.5	22.5			
	4	dinning & bath	cft	1	32.5	11	0.5	178.75			
	5	foyer	cft	1	8.5	7	0.5	29.75			
	6	Home theater	cft	1	16	16	0.5	128			
16	ROOF BEAM CONCRETE FIRST FLOOR										
	1	North to south	cft	3	32.5	0.75	1.25	91.41	224.77	250	56191.41
	2	East to west	cft	2	44	0.75	1.25	82.5			
	3	East side	cft	1	24.5	0.75	1.25	22.97			
	4	Southside beam	cft	1	14	0.75	1.25	13.13			
	5	north side	cft	1	36	0.75	1.25	33.75			
	Deduction (-)										
		C1	cft	5	1.25	0.75	1.25	5.86			
		C2	cft	3	1.25	0.75	1.25	3.52			
		C3	cft	3	1	0.75	1.25	2.81			
		C4	cft	3	1	0.75	1.25	2.81			
		C5	cft	2	1	0.75	1.25	1.88			
		C6	cft	1	1	0.75	1.25	0.94			
		C7	cft	1	1.25	0.75	1.25	1.17			

17	BRICK WORK UPTO TIE BEAM										
	1	North to south	cft	3	32.5	0.75	2.75	201.09	547.17	141	77151.23
	2	(east side)	cft	1	24.5	0.75	2.75	50.53			
	3	East to west	cft	2	44	0.75	2.75	181.5			
	4	(North side)	cft	1	35	0.75	2.75	72.19			
	5	wall	cft	1	14	0.75	2.75	28.88			
	6	portico east wall		1	15.75	0.75	1.25	14.77			
	7	sitout eastside wall		1	6.5	0.75	1.25	6.09			
	8	sitout northside		1	20.25	0.75	1.25	18.98			
	9	work		2	1.5	0.75	3.25	7.31			
	Deduction (-)										
		C1	cft	5	1.25	0.75	2.25	10.55			
		C2	cft	3	1.25	0.75	2.25	6.33			
		C3	cft	3	1	0.75	2.25	5.06			
		C4	cft	3	1	0.75	2.25	5.06			
		C5	cft	2	1	0.75	2.25	3.38			
		C6	cft	1	1	0.75	2.25	1.69			
		C7	cft	1	1.25	0.75	2.25	2.11			
18	BRICK WORK UPTO (9") UPTO GROUND FLOOR										
	1	South side wall	cft	1	44	0.75	8.75	288.75	1197.23	141	168810.05
	2	North side wall	cft	1	44	0.75	8.75	288.75			
	3	West side wall	cft	2	32.5	0.75	8.75	426.56			
	4	East side wall	cft	1	32.5	0.75	8.75	213.28			
	5	Foyer southside	cft	1	7	0.75	8.75	45.94			
	6	Foyer westside	cft	1	8.5	0.75	8.75	55.78			
	7	wall	cft	1	16	0.75	8.75	105			
	8	work		2	1.5	0.75	10.5	23.63			
	9	M.bed north wall	cft	2	14	0.75	8.75	183.75			
	Deduction (-)										
		C1	cft	5	1.25	0.75	8.75	41.02			
		C2	cft	3	1.25	0.75	8.75	24.61			
		C3	cft	3	1	0.75	8.75	19.69			
		C4	cft	3	1	0.75	8.75	19.69			
		C6	cft	1	1	0.75	8.75	6.56			
		C7	cft	1	1.25	0.75	8.75	8.2			
		(FW5)	cft	1	10	0.75	7.5	56.25			
		FW1+	cft	1	3	0.75	6	13.5			
		FW1	cft	2	1.5	0.75	7.5	16.88			
		W3	cft	1	6	0.75	6.5	29.25			
		V	cft	1	3	0.75	2	4.5			
		W2	cft	2	4	0.75	4	24			
		KW3	cft	1	5	0.75	3	11.25			
		M.DOOR	cft	1	3.5	0.75	7	18.38			
		DOOR(D)	cft	2	3.25	0.75	7	34.13			
		DOOR(D1)	cft	1	2.2	0.75	7	13.13			
		DOOR	cft	1	2.75	0.75	7	14.44			
		OPEN(O)	cft	2	3.5	0.75	8	42			
		POOJA OPEN	cft	1	4.5	0.75	7	23.63			
		KITCHEN OPEN(O1)	cft	1	2.5	0.75	7	13.13			

19	BRICK WORKS (4.5") UPTO GROUND FLOOR										
	1	wall	sft	1	4.5		7	31.5	201.63	60	12097.5
	2	wall	sft	1	11		9.5	104.5			
	3	side wall	sft	1	4		9.5	38			
	4	side wall	sft	1	4.75		9.5	45.13			
	Deduction (-)										
		Door(D1)	sft	1	2.5		7	17.5			
20	BRICK WORK (9") UPTO FIRST FLOOR										
	1	South side wall	cft	1	44	0.75	8.75	288.75	1342.83	141	189338.77
	2	North side wall	cft	1	44	0.75	8.75	288.75			
	3	West side wall	cft	2	32.5	0.75	8.75	426.56			
	4	East side wall	cft	1	32.5	0.75	8.75	213.28			
	5	northside wall	cft	1	7	0.75	8.75	45.94			
	6	south side wall	cft	1	8.5	0.75	8.75	55.78			
	7	living hall	cft	1	16	0.75	8.75	105			
	8	Elevation wall	cft	2	1.5	0.75	9.5	21.38			
	9	Elevation wall top	cft	1	17.5	0.75	2.5	32.81			
	10	M.bed north wall	cft	2	14	0.75	8.75	183.75			
	Deduction (-)										
		C1	cft	5	1.25	0.75	2.25	10.55			
		C2	cft	3	1.25	0.75	2.25	6.33			
		C3	cft	3	1	0.75	2.25	5.06			
		C4	cft	3	1	0.75	2.25	5.06			
		C6	cft	1	1	0.75	2.25	1.69			
		C7	cft	1	1.25	0.75	2.25	2.11			
		(FW5)	cft	1	10	0.75	7.5	56.25			
		V	cft	3	3	0.75	2	13.5			
		W1	cft	1	3	0.75	4	9			
		W2	cft	2	4	0.75	4	24			
		W3	cft	2	6	0.75	4	36			
		DOOR(D)	cft	4	3.25	0.75	7	68.25			
		DOOR(D1)	cft	3	2.5	0.75	7	39.38			
		OPEN	cft	1	4.5	0.75	7	23.63			
		OPEN(O)	cft	1	3.5	0.75	7	18.38			
21	STAIR CASE BRICK WORK										
	1	Brickwork	cft	20	0.83	3.25	0.5	26.98	26.98	141	3803.48
22	PARAPET WALL (9") BRICKWORK										
	1	North & southside	cft	2	44	0.75	2.25	148.5	258.19	141	36404.44
	2	East & West side	cft	2	32.5	0.75	2.25	109.69			
23	BOX BRICKWORK FOR WINDOW										
	1	W2		8	0.5	0.75	4	12	25.13	141	3542.63
	2	W3		4	0.5	0.75	4	6			
	3	KW3		2	0.5	0.75	3	2.25			
	4	Dinningwindow		2	0.5	0.75	6.5	4.875			

24	PARAPET ELEVATION CONCRETE										
	A	BEAM							139.45	250	34863.28
	1	South side	cft	1	44	0.75	0.75	24.75			
	2	north side	cft	1	27.25	0.75	0.75	15.33			
	3	east side	cft	1	16	0.75	0.75	9			
	4	east side 1	cft	1	7.25	0.75	0.75	4.08			
	5	north side 1	cft	1	9.75	0.75	0.75	5.48			
	B	SLAB									
	1	South side	cft	1	45.5	1.5	0.5	34.13			
	2	east side	cft	1	16	1.5	0.5	12			
	3	east side 1	cft	1	7.25	1.5	0.5	5.44			
	4	north side	cft	1	28.75	1.5	0.5	21.56			
	5	north side 1	cft	1	10.25	1.5	0.5	7.69			
25	STAIR CASE CONCRETE										
	1	flight	cft	1	18	3.25	0.5	29.25	29.25	250	7312.5
26	BOX CONCRETE FOR WINDOW										
	FLOOR								89.81	250	22453.13
	1	W2	CFT	8	5.25	0.75	0.75	23.63			
			CFT	8	5.25	0.5	0.75	15.75			
	2	W3	CFT	4	7.5	0.75	0.75	16.88			
			CFT	4	7.5	0.5	0.75	11.25			
	3	KW3	CFT	1	6.5	0.75	0.75	3.66			
			CFT	1	6.5	0.5	0.75	2.44			
	4	Dinning window	CFT	1	6.5	0.75	0.75	3.66			
			CFT	1	6.5	0.5	0.75	2.44			
	5	Pooja room slab		1	4.5	4.5	0.5	10.125			

27	PLASTERING OUTER										
	1	side	sft	2	44		25	2200	4191.06	26	108967.63
	2	West side	sft	1	34		25.5	867			
	3	east side	sft	1	34		25	850			
	4	projection wall	sft	2	1.5		22	66			
	5	projection wall	sft	2	1.5		19.5	58.5			
	6	projection wall	sft	1	1.5		16	24			
	7	projection wall	sft	1	1.5		17.5	26.25			
	8	parapet elevation slab top east side	sft	1	7.25	1.75		12.6875			
			sft	1	16	1.75		28			
	9	parapet elevation slab top east side	sft	1	7.25	2		14.5			
			sft	1	16	2		32			
	10	parapet elevation slab bottom north	sft	1	28.75	1.75		50.3125			
			sft	1	10.25	1.75		17.9375			
	11	parapet elevation slab top north side	sft	1	28.75	2		57.5			
			sft	1	10.25	2		20.5			
	12	slab bottom south	sft	1	45.5	1.75		79.625			
	13	slab top south side	sft	1	45.5	2		91			
	14	inner plastering	sft	1	150		3	450			
	Deduction (-)										
		FW1	sft	2	1.5		7.5	22.5			
		FW1+	sft	1	3		6	18			
		(FW5)	sft	2	10		7.5	150			
		V	sft	4	3		2	24			
		W1	sft	1	3		4	12			
		W2	sft	4	4		4	64			
		KW3	sft	1	5		3	15			
		W3+	sft	1	6		6.5	39			
		W3	sft	2	6		4	48			
		Door(D)	sft	5	3.25		7	113.75			
		Door(D1)	sft	5	2.5		7	87.5			
		Open	sft	2	4.5		7	63			
		Open(O1)	sft	1	2.5		7	17.5			
		Open(O)	sft	2	3.5		8	56			
			sft	1	3.5		7	24.5			

28	INNER CEILING PLASTERING								
	FLOOR								
	1	M.bed	sft	1	16.5	14	0	231	
	2	Kitchen	sft	1	10	14	0	140	
	3	utility	sft	1	9	4.5	0	40.5	
	4	pooja	sft	1	5.375	4.5		24.19	
			sft	1	4.5	4.5		20.25	
	5	dinning	sft	1	15	11	0	165	
	6	M.bed toilet	sft	1	6	9		54	
			sft	1	4.5	5		22.5	
	7	powder room	sft	1	4.5	4		18	
	8	foyer	sft	1	8.5	7	0	59.5	
	9	sitout	sft	1	7.75	7.25	0	56.19	
	10	liviing	sft	1	16	16	0	256	
	11	portico	sft	1	11.5	16.5	0	189.75	
	FLOOR								
	1	M.bed	sft	1	16.5	14	0	231	
	2	guest bedroom	sft	1	1	14	0	140	
	3	toilet	sft	1	9.875	4.5	0	44.44	
	4		sft	1	5.375	4.5		24.19	
	5	stair & hall	sft	1	23	11	0	253	
	6	M.bed toilet	sft	2	5.125	9		92.25	
	7	study	sft	1	8.5	7	0	59.5	
	8	home theatre	sft	1	16	16	0	256	
							2377.25	27	64185.75

29	INNER WALL PLASTERING										
	FLOOR								6491.63	26	168782.25
	1	M.bed		2	14		9.5	266			
			sft	2	16.5		9.5	313.5			
	2	kitchen		2	14		9.5	266			
			sft	2	10		9.5	190			
	3	utility		2	4.5		9.5	85.5			
			sft	2	9		9.5	171			
	4	pooja		2	4.5		9.5	85.5			
			sft	2	4.5		9.5	85.5			
	5	dinning		2	23		9.5	437			
			sft	2	11		9.5	209			
	6	M.bed toilet		2	9		9.5	171			
			sft	2	11		9.5	209			
	7	powder room		2	4		9.5	76			
			sft	2	4.5		9.5	85.5			
	8	foyer		2	7		9.5	133			
			sft	2	8.5		9.5	161.5			
	9	living		2	16		9.5	304			
			sft	2	16		9.5	304			
	FIRST FLOOR										
	1	M.bed		2	14		9.5	266			
			sft	2	16.5		9.5	313.5			
	2	guest bed		2	14		9.5	266			
			sft	2	10		9.5	190			
	3	guest bed toilet		2	4.5		9.5	85.5			
			sft	2	9.875		9.5	187.63			
	4	bedroom front open		2	4.35		9.5	85.5			
			sft	2	4.5		9.5	85.5			
	5	stair &first floor hall		2	23		9.5	437			
			sft	2	11		9.5	209			
	6	M.bed toilet		4	9		9.5	342			
			sft	4	5.125		9.5	194.75			
	7	study room		2	7		9.5	133			
			sft	2	8.5		9.5	161.5			
	8	home theatre		2	16		9.5	304			
			sft	2	16		9.5	304			

Deduction (-)								
FLOOR								
	(FW5)	cft	0.5	10		7.5	37.5	
	FW1+	cft	0.5	3		6	9	
	FW1	cft	0.5	1.5		7.5	5.63	
	W3	cft	0.25	6		6.5	9.75	
	V	cft	0.5	3		2	3	
	W2	cft	1	4		4	16	
	KW3	cft	0.25	5		3	3.75	
	M.DOOR	cft	0.5	3.5		7	12.25	
	DOOR(D)	cft	3	3.25		7	68.25	
	DOOR(D1)	cft	1.5	2.5		7	26.25	
	DOOR	cft	0.5	2.75		7	9.63	
	OPEN(O)	cft	3	3.5		8	84	
	POOJA OPEN	cft	1.5	4.5		7	47.25	
	KITCHEN OPEN(O1)	cft	1.5	2.5		7	26.25	
FLOOR								
	(FW5)	cft	0.5	10	0.75	7.5	28.13	
	V	cft	1.5	3	0.75	2	6.75	
	W1	cft	0.5	3	0.75	4	4.5	
	W2	cft	1	4	0.75	4	12	
	W3	cft	0.5	6	0.75	4	9	
	DOOR(D)	cft	5	3.25	0.75	7	85.31	
	DOOR(D1)	cft	4.5	2.5	0.75	7	59.06	
	OPEN	cft	1.5	4.5	0.75	7	35.44	
	OPEN(O)	cft	1.5	3.5	0.75	7	27.56	
29	TOTAL - (Not Including - Weather Course, Sump, Portico, etc.)							1853849.14

LESSONS LEARNT FROM THE PROJECT

- Initiation of site
- Site excavation
- Bill of Quantities
- Rate analysis

PROJECT - 2

ABDUL RESIDENCE, PERAMBALUR

DESCRIPTION

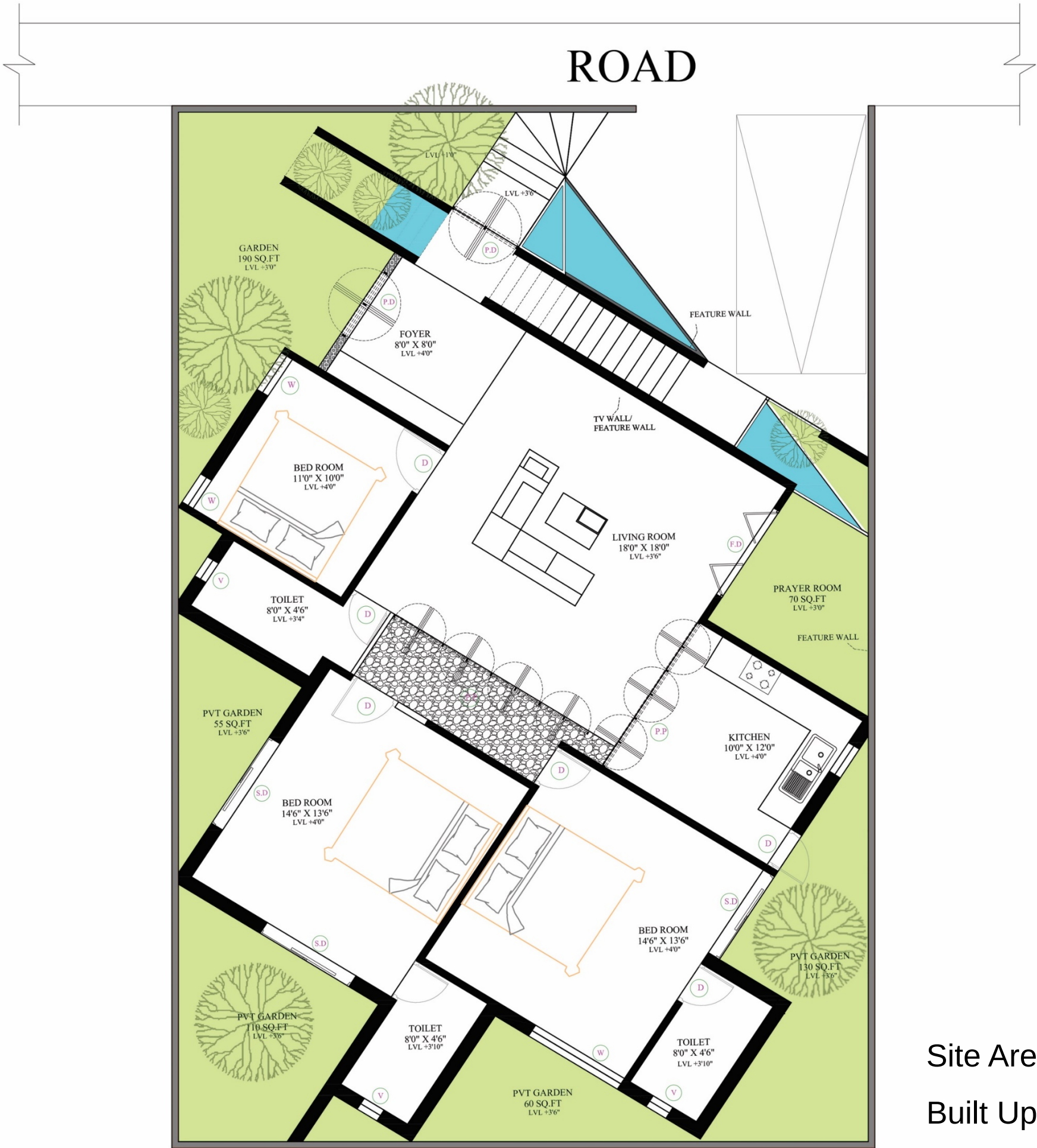
Vivibe is handling the complete project as a design & build format. The site area is 2400 Sq.ft and the designed built-up area is 1236 sq. ft. The Project is being built in Permabalur district. This is a result of the fusion between vernacular and contemporary architecture. The building showcases the design ideology of the firm and also the unique and specialized elements that are provided by the lead architects of the firm. The project is under construction and expected to finish before June. The WBS was asked to be done for reference, as to, can they finish the project under the expected time. And following the way of work in and at the site by the firm, the WBS was created and was proven that the project in schedule and will be completed as expected.

WBS starts from the point after the BD meets the client, prepares the report, gives the directions to the design team. Scheme drawing is prepared in 2 days , first meeting with the is setup in presence of BD, architect and PMC on the 3 day or based on clients availability. Once the client nods for the scheme plan during the meeting, the firm officially works on the project. That's when the timeline begins for the WBS in MSP.

SCOPE OF WORK

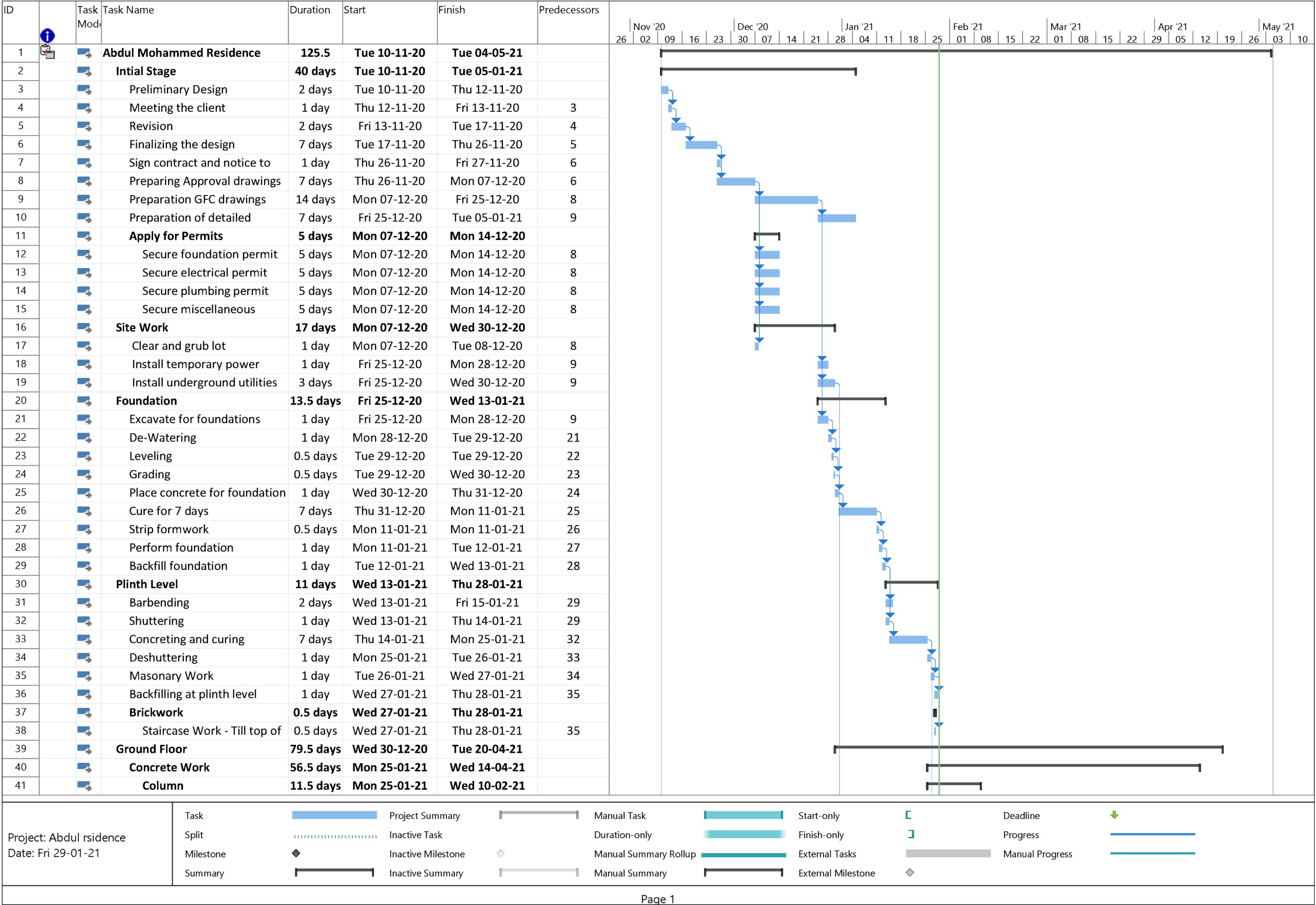
- Site co-ordination
- Preparing Schedule

PLAN

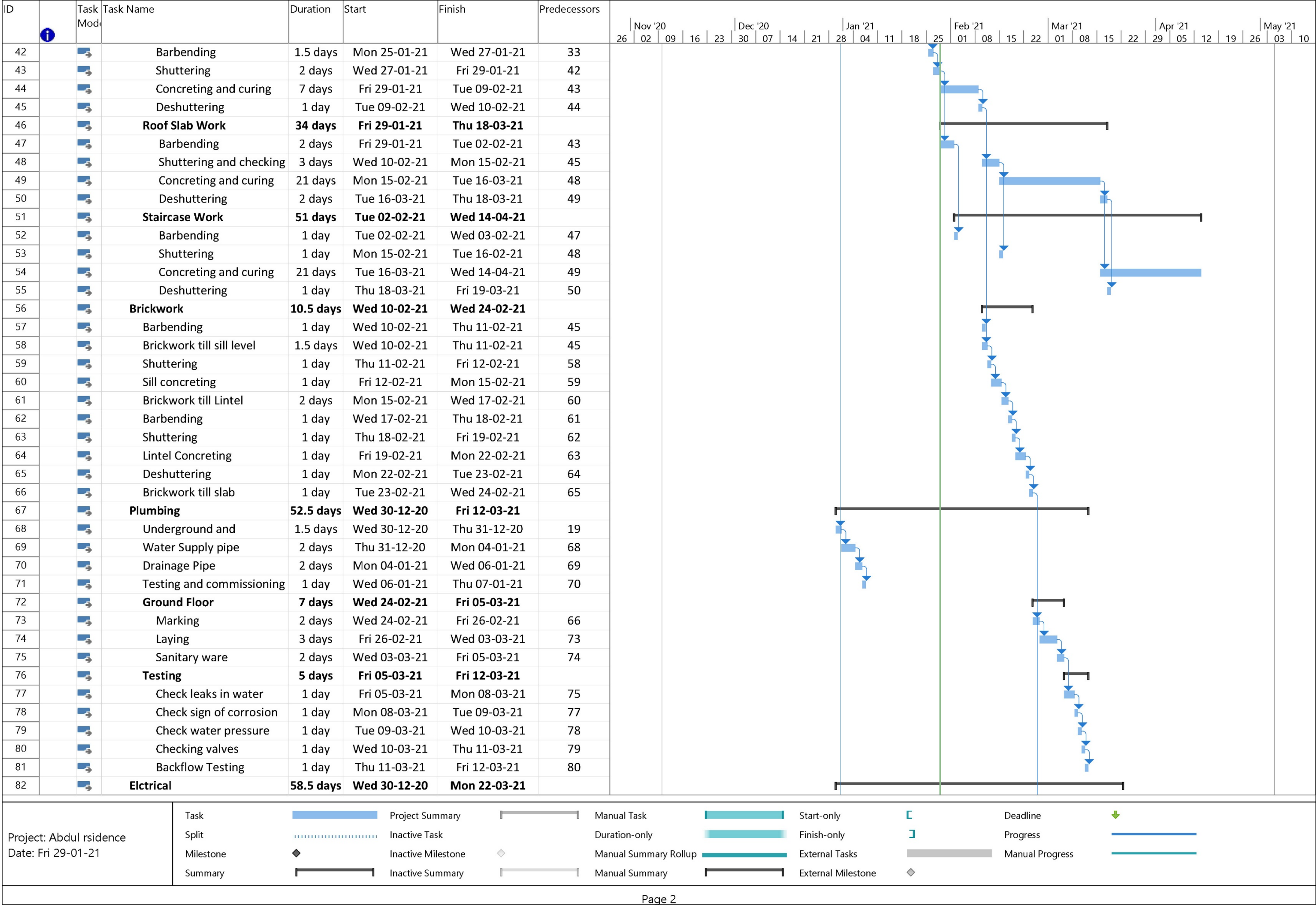


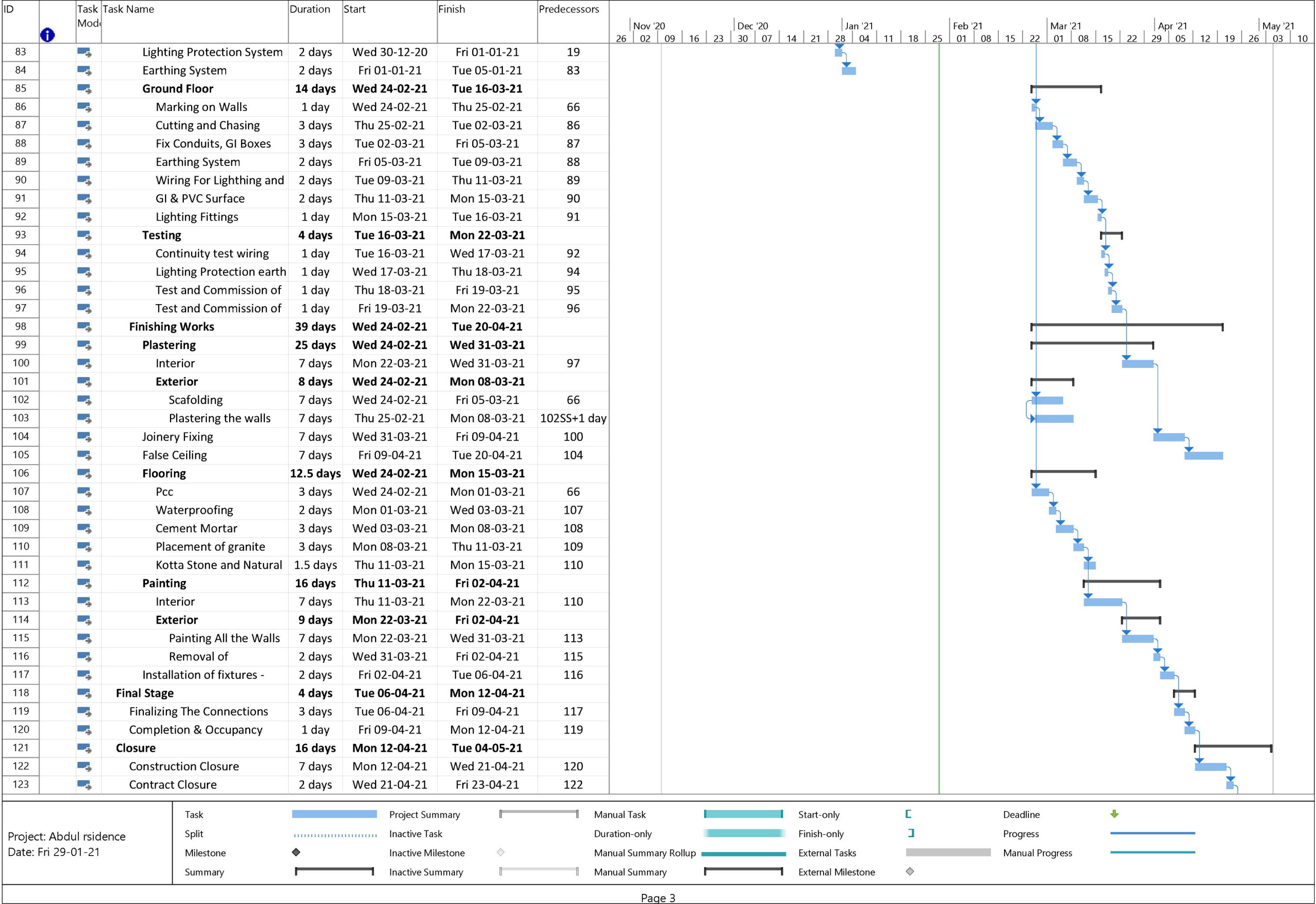
Site Area: 2400 sq.ft
Built Up: 1236 sq.ft

Work Breakdown Structure / Scheduling

Manual TaskStart-onlyExternal TasksDeadline

Page 1





LESSONS LEARNT FROM THE PROJECT

- Site Management
- Preparation of Project Schedule

PROJECT – 3

Mr. Vinoth Residence – Bengaluru – Construction Package Preparation

DESCRIPTION

Before preparing this construction package we did a series of market analysis (we compared various construction packages from different companies) which helped us in this package preparation. This research helped us to know about the current rate of construction materials that are available in the market.

SCOPE OF WORK

- Market Analysis on Construction Packages
- Preparing a standardized construction package for Vivibe

Mr Vinod residence: Construction Package														
2000 / SQFT (59+5=64 LAKHS)					2300/SQFT (67.8+5=72.8 LAKHS)					2400 /SQFT(70.8+5=75.8 LAKHS)				
TOTAL BUILD UP AREA : 2950 SQFT					TOTAL BUILD UP AREA : 2950 SQFT					TOTAL BUILD UP AREA : 2950 SQFT				
CAR POUCH AREA														
Flooring : Paver tiles upto 30/sqft					Flooring : Paver tiles upto 40/sqft					Flooring : Paver tiles upto 50/sqft				
Electrical and plumbing points in this area/landscaping area shall be provided as per architects plan during the stages of construction					Electrical and plumbing points in this area/landscaping area shall be provided as per architects plan during the stages of construction					Electrical and plumbing points in this area/landscaping area shall be provided as per architects plan during the stages of construction				
ENTRANCE AREA/FOYER														
Polished granite flooring upto 80/sqft					Polished granite flooring upto 120/sqft					Polished granite flooring upto 200/sqft				
LIVING AREA														
>Granite flooring upto 150/sqft					>Granite flooring upto 200/sqft					>Granite flooring upto 250/sqft				
>Designer gypsum false cealing excluding curves and wooden finish					>Designer gypsum false cealing excluding curves and wooden finish					>Designer gypsum false cealing excluding curves and wooden finish				
>Accent wall-Texture wall or wallpaper (TV Cabinet area)					>Accent wall-Texture wall or wallpaper (TV Cabinet area)					>Accent wall-Texture wall or wallpaper (TV Cabinet area)				
					>Designer TV unit area - 18mm commercial ply+ laminate+veneer					>Designer TV unit area - 18mm commercial ply+ laminate+veneer				
					finish upto 50/sqft (6x6)					finish upto 70/sqft (6x6)				
DINING AND COURTYARD AREA														
>Granite flooring upto 120/sqft					>Granite flooring upto 150/sqft					>Granite flooring upto 200/sqft				
					>Crokery unit with 18mm commercial ply + veneer					>Crokery unit with 18mm commercial ply + veneer				
					laminate upto 50/sqft					laminate upto 70/sqft				
PUJA ROOM														
>Granite flooring upto 120/sqft					>Granite flooring upto 150/sqft					> Italian marble upto 350/sqft				
>2 step granite for the pooja area as per design					>2 step granite for the pooja area as per design					>2 step granite for the pooja area as per design				
>Teak wood with carvings (1st quality teak wood)					>Teak wood with carvings (1st quality teak wood)					>Teak wood with carvings (1st quality teak wood)				
KITCHEN														
>10 mm thick granite top upto 120/sqft					>Modular kitchen upto 1.5 Lakhs					Modular kitchen upto 3.5 Lakhs				
>SS Double dipper sink					>20 mm thick black granite top upto 150/sqft					>20 mm thick black granite top upto 200/sqft				
>vitrified tiles/Granites upto 120/sqft					>Vitrified tiles/Granites upto 150/sqft					>Vitrified tiles/Granites upto 180/sqft				
>Ceramic wall tiles above kitchen slab up to 50/sqft					>Ceramic wall tiles above kitchen slab up to 70/sqft					>Ceramic wall tiles above kitchen slab up to 80/sqft				
UTILITY														
>10 mm thick black granite top upto 150/sqft					>10 mm thick black granite top upto 150/sqft					>10 mm thick black granite top upto 200/sqft				
>SS Double dipper sink					>SS Double dipper sink					>SS Double dipper sink				
>vitrified tiles/Granites upto 50/sqft					>vitrified tiles/Granites upto 60/sqft					>vitrified tiles/Granites upto 70/sqft				
BEDROOM & WASHROOM														
>Laminated wooden flooring/Granite flooring upto 120/sqft					>Laminated wooden flooring/Granite flooring upto 150/sqft					>Laminated wooden flooring/Granite flooring upto 200/sqft				
>Wardobe - 18mm ply + laminate upto 50/sqft					>Wardobe - 18mm ply + laminate upto 50/sqft					>Wardobe - 18mm ply + laminate upto 50/sqft				
>Toilet-Ceramic tiles for floor and wall upto 7ft height (70/sqft)					>Toilet-Ceramic tiles for floor and wall upto 7ft height (70/sqft)					>Toilet-Ceramic tiles for floor and wall upto 7ft height (70/sqft)				
>Shower glass cubicle					>Shower glass cubicle					>Shower glass cubicle				
STAIRCASE														
>Semi polished granite flooring upto 120/sqft					>Semi polished granite flooring upto 200/sqft					>Semi polished granite flooring upto 250/sqft				
> Railing of SS					>Railing of sal wood upto 200/sqft and if teak(2000/cft extra)					>Railing of sal wood upto 300/sqft and if teak(2000/cft extra)				

FAMILY LIVING ROOM								
>Granite flooring upto 150/sqft			> Wooden /Granite flooring upto 200/sqft			> Italian marble upto 350/sqft		
						> Accent wall paper		
MASTER BEDROOM & WASHROOM (1)								
>Granite flooring upto 150/sqft			>Granite flooring upto 200/sqft			> Italian marble upto 300/sqft		
>Toilet-Ceramic tiles for floor and wall upto 7ft height (50/sqft)			>Wardobe - 18mm ply + laminate upto 50/sqft			>Wardobe - 18mm ply + laminate upto 50/sqft		
> 20000 allowances for bathroom fixtures (Jaguar)			>Designer gypsum false cealing excluding curves and wooden finish			>Designer gypsum false cealing excluding curves and wooden finish		
						> Accent wall paper		
						>Toilet-Ceramic tiles for floor and wall upto 7ft height (70/sqft)		
						> 250000 allowances for bathroom fixtures (Jaguar)		
MASTER BEDROOM & WASHROOM (2)								
>Granite flooring upto 150/sqft			>Granite flooring upto 200/sqft			> Italian marble upto 300/sqft		
>Toilet-Ceramic tiles for floor and wall upto 7ft height (50/sqft)			>Wardobe - 18mm ply + laminate upto 50/sqft			>Wardobe - 18mm ply + laminate upto 50/sqft		
> 20000 allowances for bathroom fixtures (Jaguar)			>Designer gypsum false cealing excluding curves and wooden finish			>Designer gypsum false cealing excluding curves and wooden finish		
						> Accent wall paper		
						>Toilet-Ceramic tiles for floor and wall upto 7ft height (70/sqft)		
						> 250000 allowances for bathroom fixtures (Jaguar)		
COURTYARD AREA								
>Granite flooring upto 150/sqft			>Granite flooring upto 200/sqft			> Italian marble upto 350/sqft		
> MS Railing			>Railing of sal wood upto 200/sqft and if teak(2000/cft extra)			>Railing of sal wood upto 200/sqft and if teak(2000/cft extra)		
BALCONY								
>Granite flooring upto 150/sqft			>Granite flooring upto 200/sqft			> Italian marble upto 350/sqft		
> MS Railing			> SS Railing with glass			> SS Railing with glass		
TERRACE								
> 1 Overhead tanks eacg of 1000 lts			> 2 Overhead tanks eacg of 1000 lts			> 2 Overhead tanks eacg of 2000 lts		
> MS stand for tank			> MS stand for tank			> MS stand for tank		
COMMON								
>Waterproofing – all terrace and all washrooms Washrooms			>Waterproofing – all terrace and all washrooms Washrooms			>Waterproofing – all terrace and all washrooms Washrooms		
>Main Door and Puja room door – teak wood up to Rs 2800/cft			>Main Door and Puja room door – teak wood up to Rs 2800/cft			>Main Door and Puja room door – teak wood up to Rs 3800/cft		
> All other doors will be of Sal wood			> All other doors will be of 2nd quality teak wood			> All other doors will be of 1ST quality teak wood		
> All window and frames will be of sal wood			> All window and frames to be of 2nd quality teak wood			> All window and frames to be of 1ST quality teak wood		
>Window shutters to be of Sal/UPVC and shall have glass as per the pattern			>Window shutters to be of Sal/UPVC and shall have glass as per the pattern			>Window shutters to be of Sal/UPVC and shall have glass as per the pattern		
>Grills – all windows and ventilators and main gate			>Grills – all windows and ventilators and main gate			>Grills – all windows and ventilators and main gate		
>Surrounding area to have paver tiles			>Surrounding area to have paver tiles			>Surrounding area to have paver tiles		
>GF & FF ceiling up to 9’ clear height			>GF & FF ceiling up to 9’ clear height			>GF & FF ceiling up to 9’ clear height		
>Structure of house will be of RCC and solid bricks			>Structure of house will be of RCC and red bricks/ solid bricks			>Structure of house will be of RCC and red bricks/ solid bricks		
PAINTING								
>Plastic emulsion painting (Internal) – Asian			>Plastic emulsion painting (Internal) – Asian			>Plastic emulsion painting (Internal) – Asian		
>Exterior emulsion painting – Asian			>Exterior emulsion painting – Asian			>Exterior emulsion painting – Asian		
>Texture paint - Asian			>Texture paint - Asian			>Texture paint - Asian		
ELECTRICAL								

>All conduits and wiring	>All conduits and wiring	>All conduits and wiring
>Wires - Finolex. Switches – Anchor/Legrand	>Wires - Finolex. Switches – Anchor/Legrand	>Wires - Finolex. Switches – Anchor/Legrand
>Switches and switchboard	>Switches and switchboard	>Switches and switchboard
>Connections, points provided for UPS/AC points wherever required	>Connections, points provided for UPS/AC points wherever required	>Connections, points provided for UPS/AC points wherever required
SUMP		
>Sump with capacity up to 10,000 liters	>Sump with capacity up to 4,000 liters	>Sump with capacity up to 20,000 liters
>Sump to be constructed with brick masonry	>Sump to be constructed with brick masonry	>Sump to be constructed with brick masonry
NOTE		
Area calculation and extra charges:		
Car parking will be charged 70% of the buildup area		
Headroom will be charged 70% of the buildup area		
Designing Fees Rs 100/ per-sqft will be charged extra		
Measurements will be taken separately for basement and the house and the super built-up area will be taken jointly		
Architectural details and extra charges:		
Circular/ helical staircase will be charged extra @ Rs 650/sqft		
All arches shall be made of 18mm ply with 1mm laminate as per the requirement places		
Tapered roof area will be charged at Rs 200/sqft		
Elevations with CNC cutting jalli/ RCC pergolas/ MS pergolas will be charged extra		
Wall niches shall be provided as per the Architects design and will be charged additional		
Light Fittings Landscaping, Chimney Stove will be charged extra		
Compound wall will be charged additional @ Rs 650/sqft based on foundation depth		
All plumbing and electrical work will be done as per the drawing given by the Architect		
Architect drawings to be provided in stages to the contracting company during construction, which will be a base line for design, material and finishing specifications		
Any other specifications not exclusively mentioned here means it is additional cost		
Interior design will be as per agreed upon sizes/ materials as mentioned in the contract		
Lofts will be charged extra		
Cut lintels over doors and windows will be provided		
Govt. Taxes Extra		
Structural details and extra charges:		
Depth of the foundation more than 6’ feet will be charged additional		
Eccentric footing will be charged extra		
Extra Reinforcement will be charged additional unless advised in the drawings		
Slab thickness more than 6” will be charged extra		
SSM below plinth beam will be additionally charged		
Lift concrete wall be charged extra		
Double matt and strap beam for eccentric footings will be charged extra		
Footings and column provision for additional floor will be charge		
Additional charges will apply if Soil bearing capacity(SBC)<160		
Site related extra charges:		
Rainwater sump, Percolation pit and site cleaning will be charged extra		
Excavation will be charged extra when associated with water/loose soil/stone		
Brands:		
Steel brands - Indus / Prime gold/ Sunvik		
Cement brands – ACC/Birla		
Plumbing Pipes- CPVC and PVC Pipe of Ashirwad and Supreme brand		

CONCLUSION

The training program helped us in understating the initial and final stage procedures of a project. Especially it helped us to learn about Business Development, Marketing for a firm (How to portray Yourself, Handling of social media for a company's business profile) other than building management. Overall it helps us to know more about the field of project management.