



SATHYABAMA

**INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

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

**PROFESSIONAL TRAINING (S84APT)
July 2022- August 2022**

Name of the Student : S.Harishwadha

Semester : III

Batch : 2021-2023

Reg No. : 41840004



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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 Report (S84APT) is the work of **S. Harishwadha** who had undergone training in **RSM Construction & Interiors** and has been monitored by the continuous assessment during July 2022 to Aug 2022.

Dr. Devyani Gangopadhyay
HOD AND DEAN

Submitted for Viva voce Examination held on 20/12/22

Internal Examiner

External Examiner



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DECLARATION

I **S.Harishwadha** hereby declare that this Professional Training Report 7th July 2022 to 10th August 2022 done by me under the guidance of **Mr. RajDurai** is submitted in partial fulfillment of the requirements for the completion of practical training session.

DATE : 09-09-2022

PLACE : Chennai



SIGNATURE OF CANDIDATE



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DATE : 09-09-2022

PLACE : Chennai

A handwritten signature in black ink, appearing to read 'S. Harishwadha', is written on a light gray rectangular background.

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. RajDurai** for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my Training.

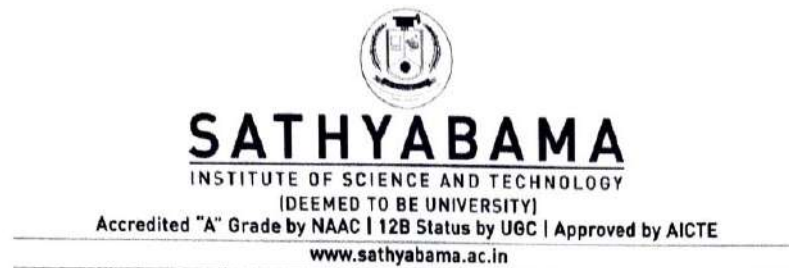
I would also like to express my sincere thanks to **Ar. Surya Rajkumar** (Internal Co-Ordinator) for her valuable guidance, during the entire Professional Training period.

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.

I wish to express my thanks **Mr. RajDurai, RSM Construction & Interiors**_No– 6 G1 Flat Roshini Garage Castle, Elango Street, Nethaji Avenue Nerkundram Chennai 107. I appreciate the information and advice you have shared. Thanks for your assistance & Time.

I wish to express my thanks to my Parents, thank you very much to keep myself motivated for performing well in my Internship period , I Am very glad that you are helping me at home. I am pretty sure my hard work will be very fruitful and your Kindness to me have a Brighter future and you are playing a major role in it. To me, they are the perfect people to have as my mom and dad and I'm grateful for Them **helping me achieve all my goals and helping I power through all my hardships**. Most of all, I'm thankful for having two Wonderful parents to have at my side and I wouldn't trade them for anything.

BONAFIDE CERTIFICATE



Date: 11.05.2022

TO WHOMSOEVER IT MAY CONCERN

HARISHWADHA S (Reg No- 41840004) is a bonafide student of our institution pursuing Masters in Architecture in Building Management (Batch 2021-2023). As part of the curriculum the students are required to undergo Professional Training for a minimum period of 30 working days. Kindly grant permission for the same in your esteemed organization. We also assure that information collected about any project will be used for academic purpose only.

Thanking You,

Dr. Devyani Gangopadhyay
Dean, School of Building & Environment



JOINING LETTER



RSM CONSTRUCTIONS & INTERIORS

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOOPR5302N1ZK

Dated: 29th June'22

IN PLANT TRAINING CERTIFICATE

This is Grant Permission for undergoing for an internship on Project Management for the Bonafide student Ms. Harishwadha (Reg no: 41840004 batch 2021 - 2023) from Sathyabama institute on science and technology since 7th July'2022 for a period of one month on the field of **Quantity Surveying, Estimation, Project Budgeting, Project Scheduling, Project execution, and process flow of project from scratch to end..**

During her internship request to keep confidential all the data's collected and compiled for their studies while Pursing "Masters in Architecture in Building Management

Wishing her successful future Endeavours

For RSM Constructions & Interiors



No 6 G1 Flat Roshini Garage Castle, Elango Street, Nethaji Avenue, Nerukundrum, Chennai - 600 107
(www.rsmconstructions.com)

MONTHLY REPORT



SATHYABAMA
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SCHOOL OF BUILDING & ENVIRONMENT, DEPARTMENT OF ARCHITECTURE
M. Arch (Building management) Batch 2020-2022
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)

1. Name of the office / organization :	RSM Construction & Interiors
2. Address & Contact Number :	No 6 G, 1st Floor, Roshni Grace, Elango Street, Nellore, Nellore District
3. Name of the student :	S. HARISHWADHA
4. Duration :	From 7/07/2022 To 23/07/2022
5. Total No. of days :	30 (15)
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;

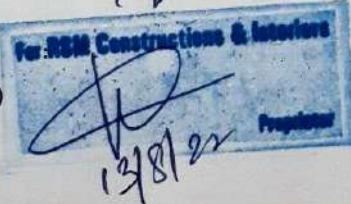
Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Skillsets related to project management	✓				
Design Management		✓			
Understanding the Triple Constraints		✓			
Observation during Site Visits	✓				
Understanding of construction details	✓				
Understanding of Construction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

Overall Grading* A-9

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

7. Any other Remarks : Very good student to observe all

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



For RSM Constructions & Interiors
13/8/22
Proprietor





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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)

1. Name of the office / organization :	RSM Construction & Interiors
2. Address & Contact Number :	No 6 G, 1st Floor, Roshni Grace, Elango Street, Nellore, Nellore District
3. Name of the student :	S. HARISHWADHA
4. Duration :	From 25/07/22 To 10/08/22
5. Total No. of days :	30 (15)
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;

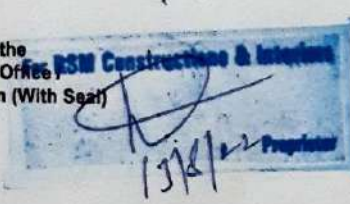
Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture	✓				
Skillsets related to project management	✓				
Design Management		✓			
Understanding the Triple Constraints		✓			
Observation during Site Visits	✓				
Understanding of construction details	✓				
Understanding of Construction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

Overall Grading* A-8

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

7. Any other Remarks : Very good observation and has good ability, knowledge

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



For RSM Constructions & Interiors
13/8/22
Proprietor



WORK DIARY

(Annexure –VIII)

DAY	PROJECT NAME	WORK DONE	DAY	PROJECT NAME	WORK DONE
1	Residence at Velachery	Site Visit, Project details, Working Drawing	16	Residence at Velachery	Project Scheduling, Tracking
2	Residence at Velachery	Site Co-ordination, Labor Co-ordination, material order placement	17	Residence at Velachery	Site Co-ordination, Labor Co-ordination, material order placement
3	Residence at Velachery	Bill of Quantity	18	Residence at Velachery	Labor Wages, Site Progress, material Oder Placing
4	Residence at Velachery	Site visit, Labor Contract	19	Residence at Velachery	Interior design of tv Cabinet
5	Residence at Velachery	Bill of Quantity	20	Residence at Velachery	Site Progress, work Allocation for Labors
6	Residence at Velachery	Bill of Materials	21	Residence at Velachery	Project Scheduling, Tracking
7	Residence at Velachery	Project Scheduling, Tracking	22	Residence at Velachery	Site Progress, work Allocation for Labors
8	Residence at Velachery	Site Co-ordination, Labor Co-ordination, material order placement	23	Residence at Velachery	Site Co-ordination, Labor Co-ordination, material order placement
9	Residence at Velachery	Bill of Materials	24	Residence at Velachery	Labor Wages, Site Progress, material Oder Placing
10	Residence at T.Nagar	Bill of Materials	25	Residence at Velachery	Site Progress, work Allocation for Labors
11	Residence at T.Nagar	Bill of Materials	26	Residence at Velachery	Site Co-ordination, Labor Co-ordination, material order placement
12	Residence at T.Nagar	Oder Placement for Gates & Doors	27	Residence at Velachery	Project Scheduling, Tracking
13	Residence at T.Nagar	Bill of Quantity	28	Residence at Velachery	Labor Wages, Site Progress, material Order Placing
14	Residence at T.Nagar	Site Visit, material placement Labor coordination	29	Residence at Velachery	Site Progress, work Allocation for Labors
15	Residence at Velachery	Site Progress, Drawing Coordination	30	Residence at Velachery	Site Co-ordination, Labor Co-ordination, material order placement

Chief Architect Signature:



Consolidated Certificate (Experience)



RSM CONSTRUCTIONS & INTERIORS

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOOPR5302N1ZK

Dated: 12th Aug'2022

IN PLANT TRAINING CERTIFICATE

This is certify that Ms.Harishwadha (Reg no: 41840004 batch 2021 - 2023) from Sathyabama institute on science and technology has undergone for in plant training in our Residential **Project Stilt +2 @ TNHB Colony, Velachery, Chennai** during 7th July'2022 till 10th Aug'2022 in the field of **Estimation, Project Budgeting, Project Scheduling, Project execution and understood the process flow of project from scratch to end..**

During her training period her Presence and observation was good.

Wishing her successful future Endeavours

For RSM Constructions & Interiors



Authorized Signatory



No 6 G1 Flat Roshini Garage Castle, Elango Street, **Nethaji Avenue, Nerkundrum, Chennai – 600 107**
(www.rsmconstructions.com)

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PROFILE

About the Management....

Mr.Raja holds the Master Degree in Construction Management with more than 22 years Exposure from direct core to completion of Projects in industry with Honesty, professional ethics correlated with leadership qualities and a will to please everyone are the benchmarks in career. Worked in familiar firms like Taamaesek PMC, Ramaniyam, Akshaya Homes, TVH, Casa Grande, Bhoomi and Buildings in Potential capacity by delivering the best

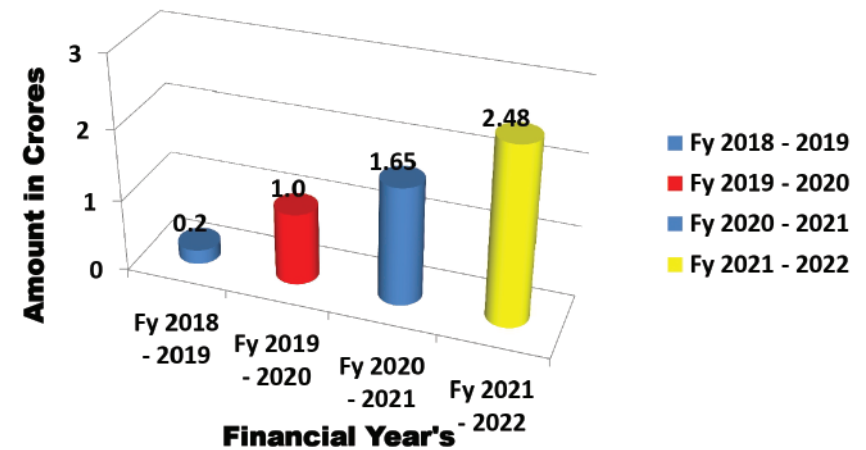


Director - Projects



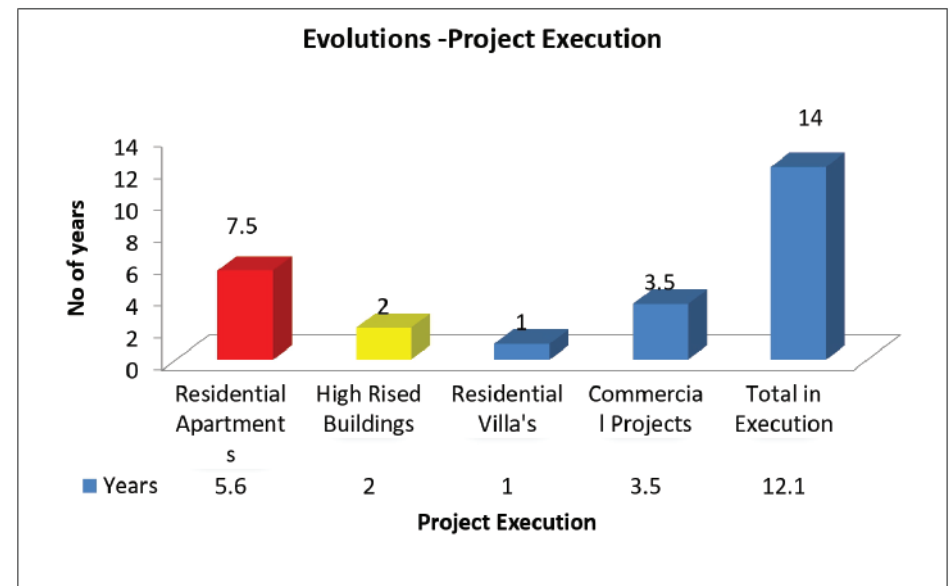
RSM Annual turn Over

Turn Over Value in Crores



• RSM Annual turn Over last 4 years

Evolutions - Project Execution



• Project Execution... 14 years

On going Projects



Project Name	Marappan Heights
Client	Mr.Marappan & Mrs.Shanthi
Value	0.8 Crore (Residential)
Location	Velachery
Year of Project	2022



Completed Projects

Project Name	Malar Illam
Client	Mr.Vikram
Total Built up Area	1500 sft
Value	0.3 Crore (Residential)
Location	Mangadu
Year of Project	2021



Completed Projects



Project Name	Jaya Illam
Client	Mr.KaliRajan
Total Built up Area	2000 sft
Value	0.4 Cr (Residential)
Location	Puzhal
Year of Project	2021

Completed Projects

Project Name Jaya Illam @ Puzhal

3D Elevation Views

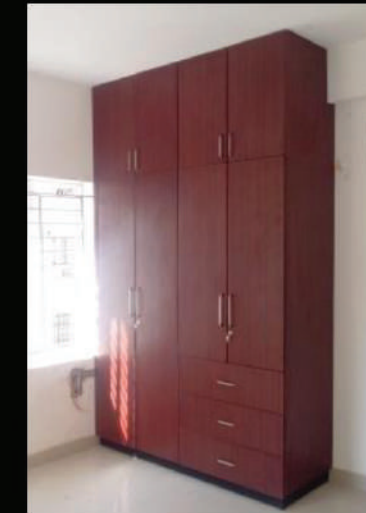
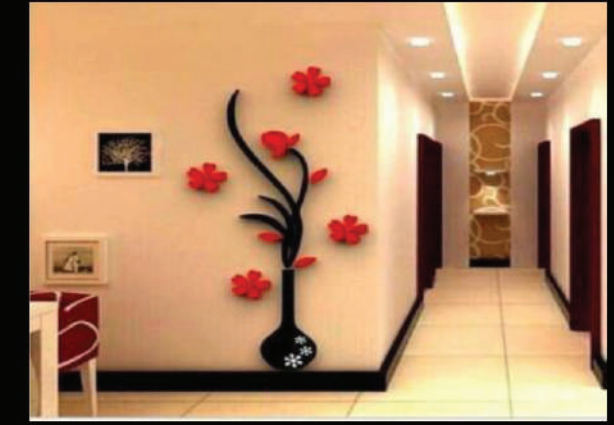


House Warming Ceremony



Completed Projects

Project Name The Nest
Client M/s. Infinity PMC
Scope of work Interior's
Value of works 0.05 Crore
Year of project 2018



Completed Projects

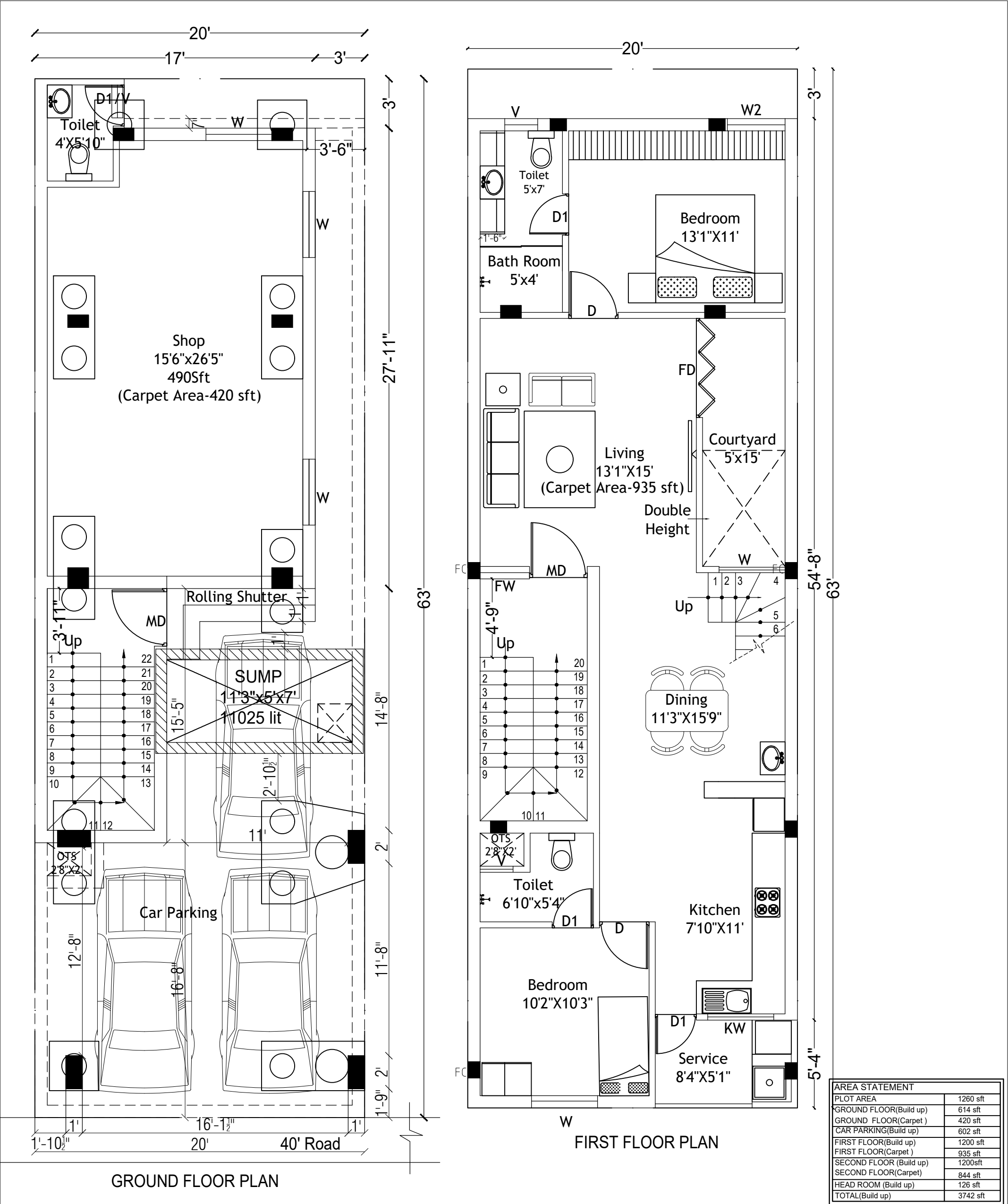
Project Name Costa Rica
Client Dr.Kalaimaran
Total Built up Area 6000 sft
Value of works 0.7 Crore
Year of Project 2019



Completed Projects

Project Name Commercial Project S+3 floors
Client Tag Homes
Total Built up Area 6500 sft
Value of works 0.3 Crore
Location Mahabalipuram, ECR
Year of Project 2019





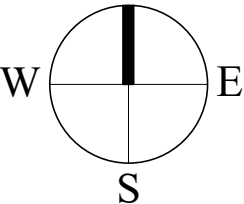
PROJECT BY



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Nethaji Avenue, Nerkundrum
Chennai - 600 107
Call - 9941908747
www.rsmconstructions.com

DIRECTION

NORTH



PROJECT

PROPOSED RESIDENCE
PLAN AT VELACHERY

NAME OF DRAWING

GROUND & FIRST
FLOOR PLAN

CLIENT

MR.MARAPPAN

ARCHITECT

SENTHIL KUMAR

DATE OF ISSUE

20-4-2022

DRAWN

THAMS

SHEET NO:

A/AR/D 001/R/0

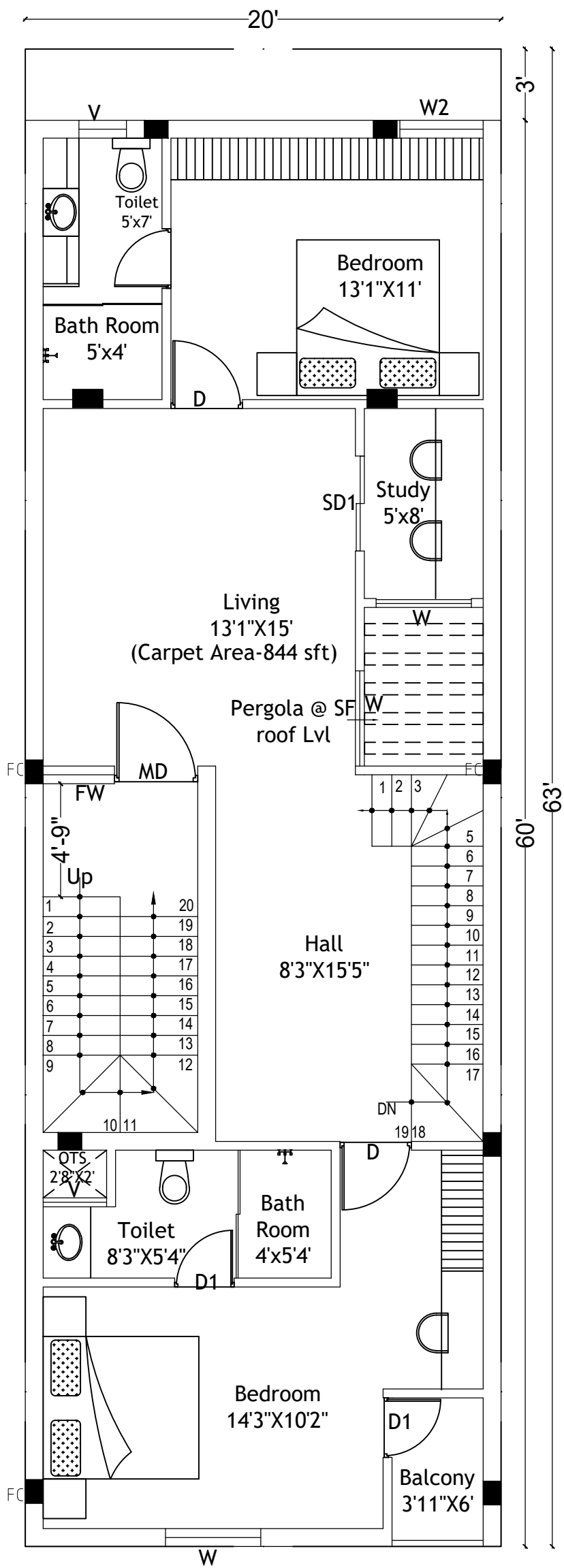
FILE LOCATION

SCALE

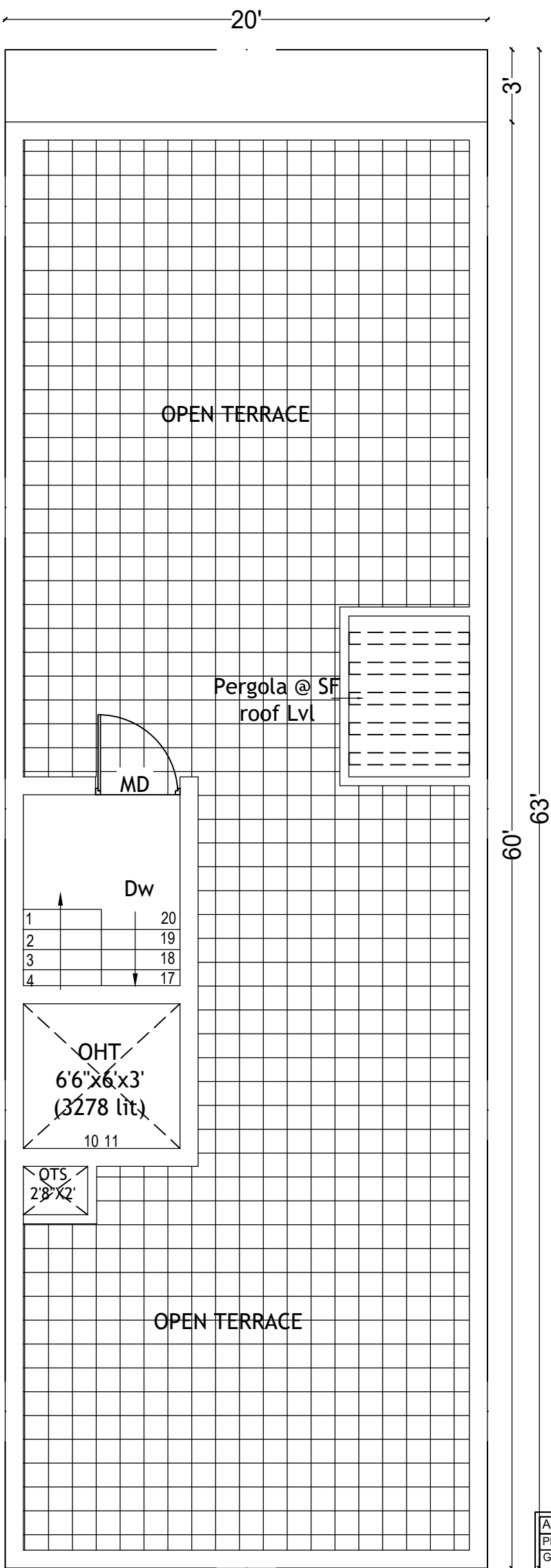
N.T.S.

LANDSCAPE ARCHITECTS:

SENTHILKUMAR ASSOCIATES
2 / 637 A, River View Avenue,
I.P.S Colony,
Manapakkam, Chennai - 125
Ph: 044-22520520
E-mail:
senthilarchitect@yahoo.co.in



SECOND FLOOR PLAN



TERRACE FLOOR PLAN

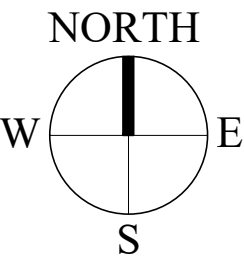
AREA STATEMENT	
PLOT AREA	1260 sft
GROUND FLOOR(Build up)	614 sft
GROUND FLOOR(Carpet)	420 sft
CAR PARKING(Build up)	602 sft
FIRST FLOOR(Build up)	1200 sft
FIRST FLOOR(Carpet)	935 sft
SECOND FLOOR (Build up)	1200sft
SECOND FLOOR(Carpet)	844 sft
HEAD ROOM (Build up)	126 sft
TOTAL(Build up)	3742 sft

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DIRECTION



PROJECT

PROPOSED RESIDENCE
PLAN AT VELACHERY

NAME OF DRAWING

SECOND & TERRACE
FLOOR PLAN

CLIENT

MR.MARAPPAN

ARCHITECT

SENTHIL KUMAR

DATE OF ISSUE

20-4-2022

DRAWN

THAMS

SHEET NO:

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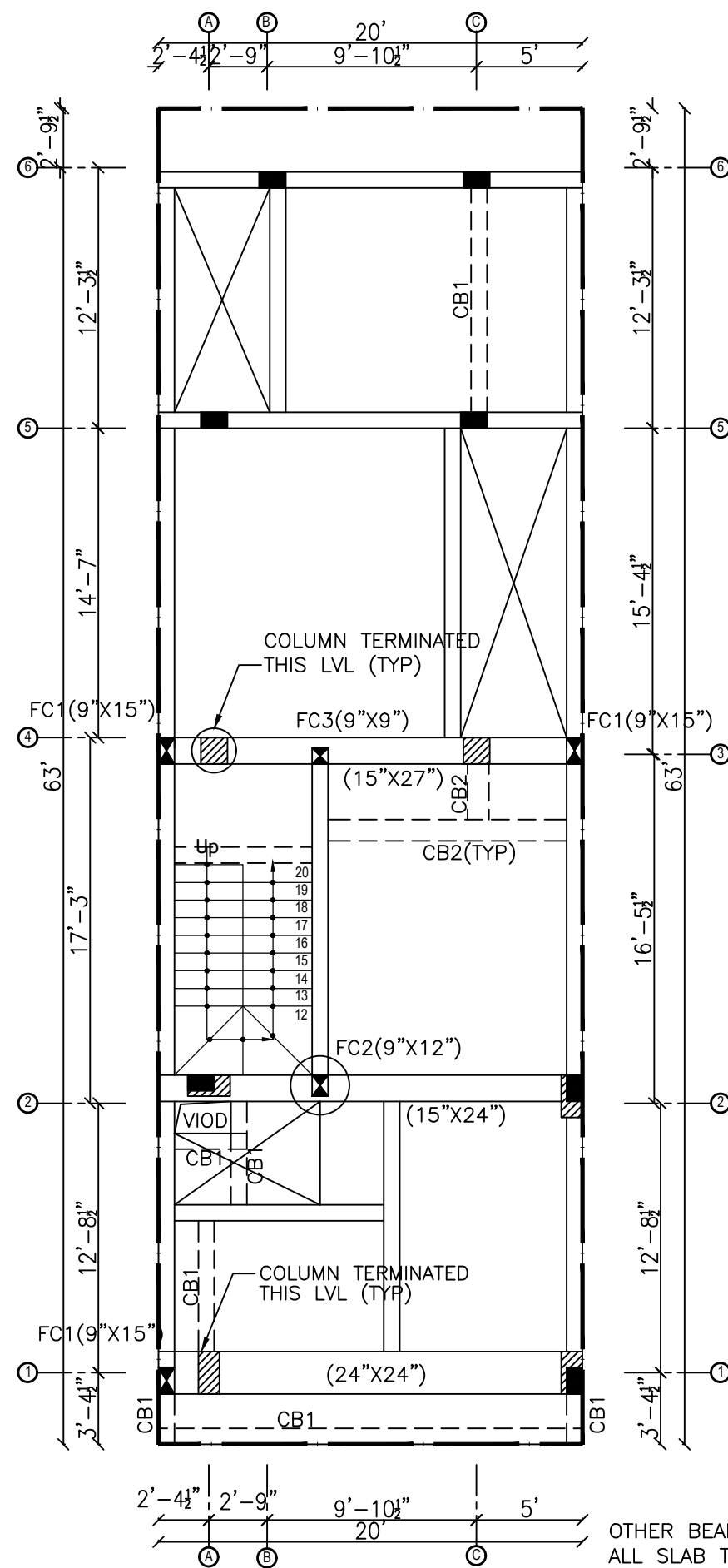
FILE LOCATION

SCALE

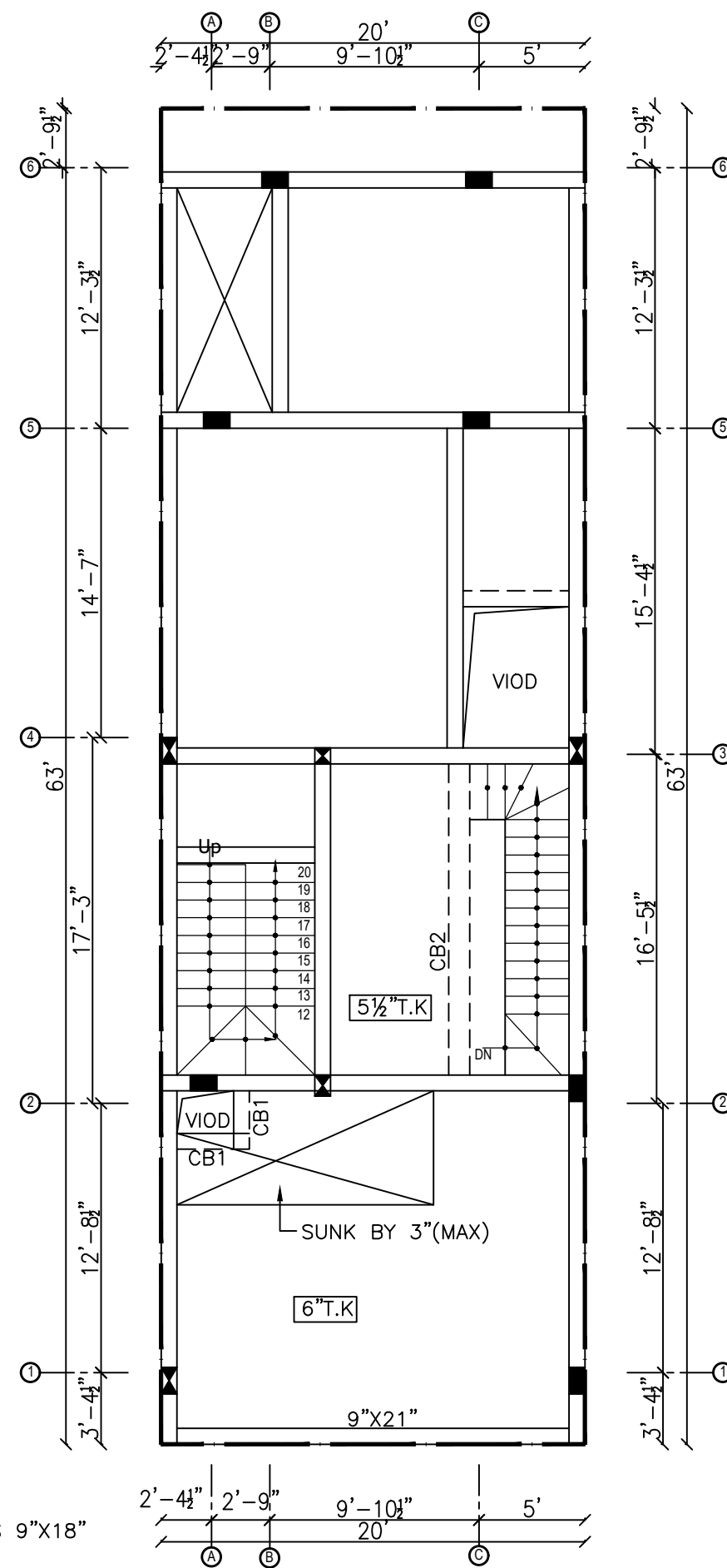
N.T.S.

LANDSCAPE ARCHITECTS:

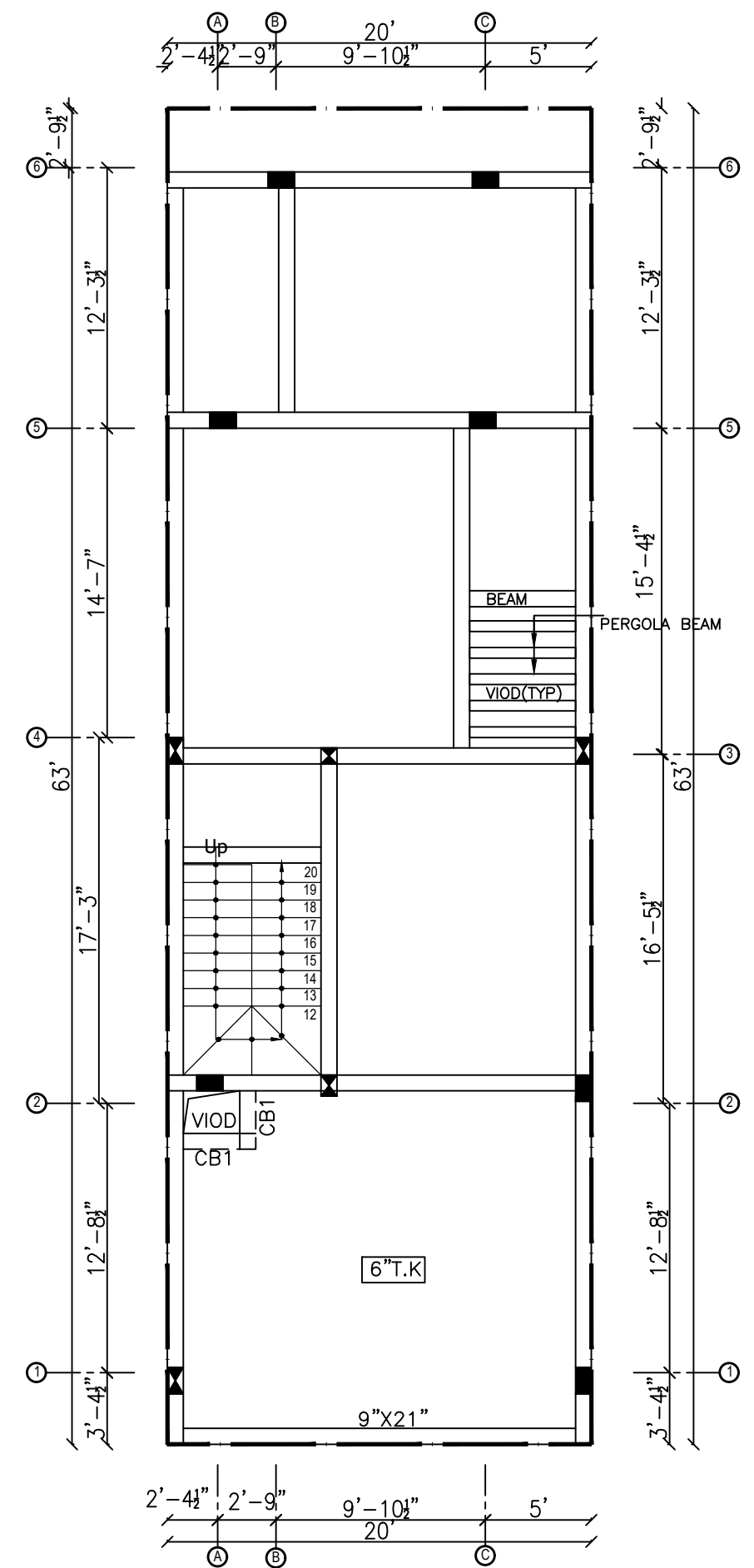
SENTHILKUMAR ASSOCIATES
2 / 637 A, River View Avenue,
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Manapakkam, Chennai - 125
Ph: 044-22520520
E-mail:
senthilarchitect@yahoo.co.in



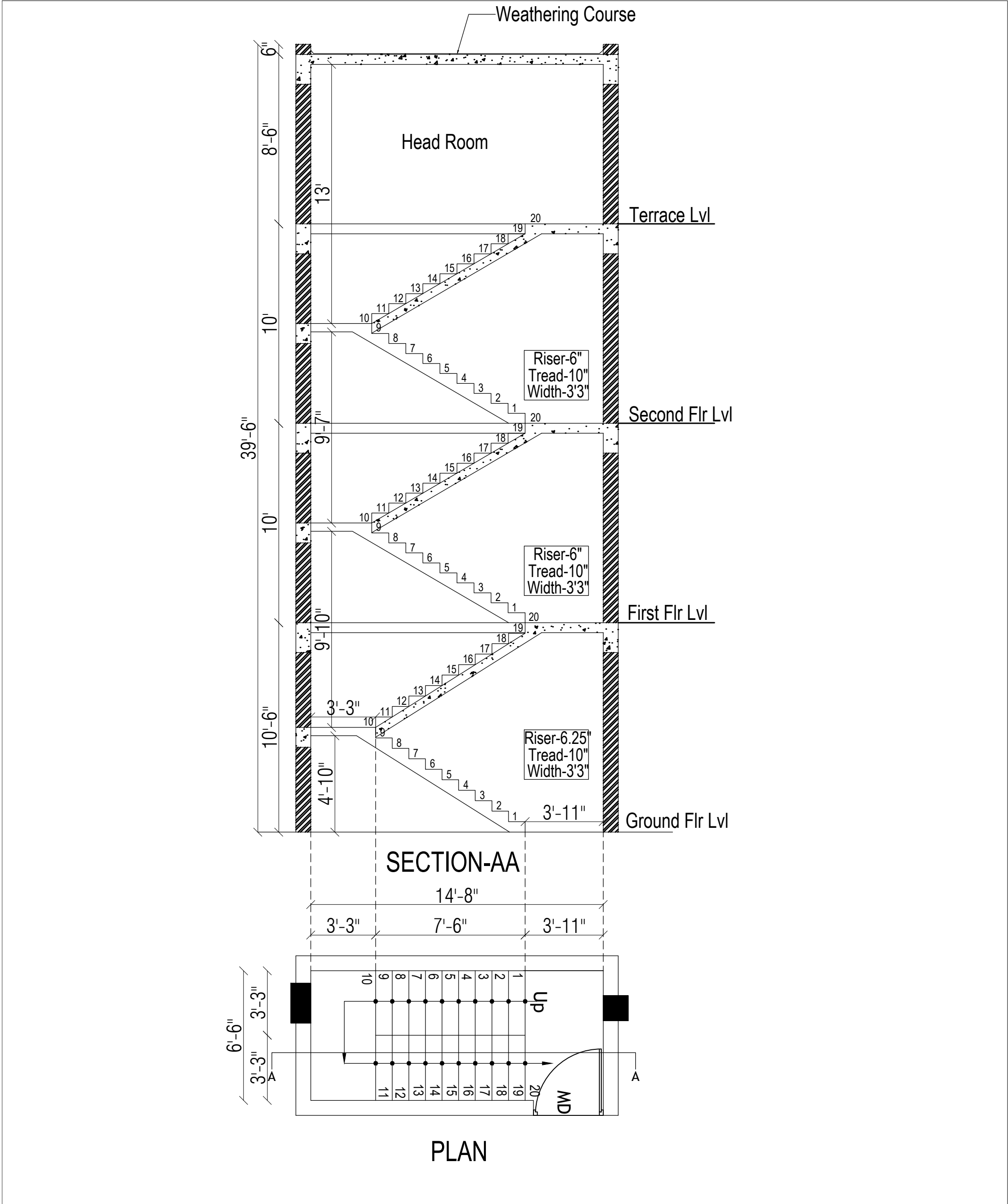
FIRST FLOOR LVL LAYOUT



SECOND FLOOR LVL LAYOUT



TERRACE FLOOR LVL LAYOUT

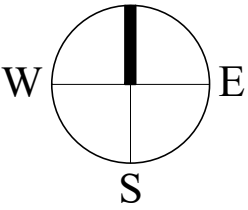


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DIRECTION

NORTH



PROJECT

PROPOSED RESIDENCE
PLAN AT VELACHERY

NAME OF DRAWING

STAIRCASE SECTION
DETAIL

CLIENT

MR.MARAPPAN

ARCHITECT

SENTHIL KUMAR

DATE OF ISSUE

23-4-2022

DRAWN

THAMS

SHEET NO:

A/AR/D 001/R/0

FILE LOCATION

SCALE

N.T.S.

LANDSCAPE ARCHITECTS:

SENTHILKUMAR ASSOCIATES

2 / 637 A, River View Avenue,
I.P.S Colony,
Manapakkam, Chennai - 125
Ph: 044-22520520

E-mail:

senhilarchitect@yahoo.co.in

PROPOSED RESIDENCE IN VELLACHERY									
GROUND FLOOR + FIRSTFLOOR + SECOND FLOOR									
PRICED BOQ									
S NO.	DESCRIPTON OF WORKS	NOS	LENGTH	BREADTH	DEPTH	QUANTITY	UOM	RATE	AMOUNT
1	Earthwork Excavation								
	Footing								
	F1	12	5.50	5.50	6.00	2178.00			
	SC	2	3.00	3.00	3.00	54.00			
					Total	2232.00	cft	12.00	26,784.00
	Plinth beam -	PB	1	215.00	1.50	322.500	cft	12.00	3,870.00
2	ANTITERMITE TREATMENT								
	Plinth area	1	1133.00			1133.00	sft	7.00	7,931.00
3	FILLING WORKS								
	Filling in Plinth with available earth								
	Basement	1	20.00	18.50	2.16	799.20			
				Add for voids		199.80			
				Total		999.00	cft	7.00	6,993.00
	M Sand Filling								
	F1	12	6.00	5.50	0.50	198.00			
	SC	2	3.00	3.00	0.50	9.00			
	Basement	1	60.00	18.50	0.50	555.00			
					Total	762.00	cft	67.00	51,054.00
4	CONCRETE WORKS								
	PCC M10								
	F1	12	5.50	5.50	0.33	119.79			
	SC	2	3.00	3.00	0.33	5.94			
	Basement	1	60.00	18.50	0.33	366.30			
					Total	492.03	cft	135.00	66,424.05
	RCC M25								
	Footing								
	F1	12	5.00	5.00	1.50	450.00			
	SC	2	3.00	3.00	1.00	18.00			
					Total	468.00	cft	180.00	84,240.00
	Plinth beam -	PB	1	215.00	0.75	201.563	cft	180.00	36,281.25
	Column - Upto Basement								
	C1	12	0.75	1.25	6.67	75.04			
	SC	2	0.75	0.75	5.17	5.82			
					Total	80.85	cft	185.00	14,957.94
	Ground Floor								
	C1	12	0.75	1.25	9.50	106.88	cft	185.00	19,771.88
	First Floor	C1	12	0.75	1.25	95.63	cft	185.00	17,690.63
	Second Floor	C1	12	0.75	1.25	95.63	cft	185.00	17,690.63
	Terrace Floor	C1	4	0.75	1.25	31.88			
		C1	8	0.75	1.25	24.38			
					Total	56.25	cft	185.00	10,406.25
	Beams - 0.75' x 1.5'								
	Ground Floor	2	60.00	0.75	1.50	135.00			
		5	18.5	0.75	1.50	104.06			
	Mid Landing beam	1	6.50	0.75	1.00	4.88			
					Total	243.94	cft	185.00	45,128.44
	First Floor	2	60.00	0.75	1.50	135.00			
		5	18.5	0.75	1.50	104.06			
	Mid Landing beam	1	6.50	0.75	1.00	4.88			
					Total	243.94	cft	185.00	45,128.44
	Second Floor	2	60.00	0.75	1.50	135.00			
		5	18.5	0.75	1.50	104.06			
	Mid Landing beam	1	6.50	0.75	1.00	4.88			
					Total	243.94	cft	185.00	45,128.44
	Terrace	SHR	1	32.32	0.75	36.36			
		1	13.00	0.75	1.00	9.75			
					Total	46.11	cft	185.00	8,530.35

PROPOSED RESIDENCE IN VELLACHERY									
GROUND FLOOR + FIRSTFLOOR + SECOND FLOOR									
PRICED BOQ									
S NO.	DESCRIPTON OF WORKS	NOS	LENGTH	BREADTH	DEPTH	QUANTITY	UOM	RATE	AMOUNT
	SLABS								
	Ground Floor roof	1	1110.00		0.50	555.00			
		(-)	-1	159.38		0.50			
						Total			
						475.31	cft	185.00	87,932.81
	First Floor roof	1	1110.00		0.50	555.00			
		(-)	-1	159.38		0.50			
						Total			
						475.31	cft	185.00	87,932.81
	Second Floor roof	1	1110.00		0.50	555.00			
		(-)	-1	159.38		0.50			
						Total			
						475.31	cft	185.00	87,932.81
	Terrace Floor	1	95.31		0.50	47.66	cft	185.00	8,816.18
	LINTEL								
	Ground Floor								
		RS	1	9.75	0.75	1.00			
		MD	1	4.25	0.75	0.50			
		W	1	5.50	0.75	0.75			
		D1/V	1	4.00	0.33	0.50			
	First loor								
		MD	1	4.25	0.75	0.50			
		D	2	4.50	0.33	0.50			
		D1	4	4.00	0.33	0.50			
		O	1	7.35	0.33	0.50			
		SD	1	7.50	0.33	0.75			
		W	2	5.50	0.75	0.75			
		W1	1	5.50	0.75	0.75			
		KW	1	5.50	0.75	0.75			
		V	2	3.50	0.75	0.50			
	Second Floor								
		MD	1	4.25	0.75	0.50			
		D	2	4.50	0.33	0.50			
		D1	5	4.00	0.33	0.50			
		SD	1	5.50	0.33	0.75			
		W	3	5.50	0.75	0.75			
		W1	1	5.50	0.75	0.75			
		V	2	3.50	0.75	0.50			
	Terrace Floor								
		MD	1	4.25	0.75	0.50			
						Total			
						60.78	cft	180.00	10,940.67
5	FORMWORK								
	Footing								
		F1	12	5.00	5.00	1.50			
		SC	2	3.00	3.00	1.00			
	Plinth beam -	PB	1	215.00	0.75	1.25			
	Column - Upto Basement								
		C1	12	0.75	1.25	6.67			
		SC	2	0.75	0.75	5.17			
	Ground Floor								
		C1	12	0.75	1.25	9.50			
						456.00			
	First Floor	C1	12	0.75	1.25	8.50			
						408.00			
	Second Floor	C1	12	0.75	1.25	8.50			
						408.00			
	Terrace Floor	C1	4	0.75	1.25	8.50			
		C1	8	0.75	1.25	3.25			
						24.38			
						Total			
						2448.74	sft	55.00	1,34,680.84
	Beams								
	Ground Floor		2	60.00	0.75	1.50			
			5	18.5	0.75	1.50			
		Mid Landing beam	1	6.50	0.75	1.00			
						17.88			
	First Floor		2	60.00	0.75	1.50			
			5	18.5	0.75	1.50			
		Mid Landing beam	1	6.50	0.75	1.00			
						17.88			
	Second Floor		2	60.00	0.75	1.50			
			5	18.5	0.75	1.50			
		Mid Landing beam	1	6.50	0.75	1.00			
						17.88			

PROPOSED RESIDENCE IN VELLACHERY										
GROUND FLOOR + FIRSTFLOOR + SECOND FLOOR										
PRICED BOQ										
S NO.	DESCRIPTON OF WORKS	NOS	LENGTH	BREADTH	DEPTH	QUANTITY	UOM	RATE	AMOUNT	
6	Terrace	SHR	1	32.32	0.75	1.50	121.20			
			1	13.00	0.75	1.00	35.75			
						Total	2601.20	sft	55.00	1,43,066.00
	Slabs		1		2947.19		2947.19	sft	55.00	1,62,095.18
	Lintel		1		303.00		303.00	sft	50.00	15,150.00
	STEEL REINFORCEMENT									
	All structural Elemets	1		10977		10.98	MT	84000.00	9,22,068.00	
7	9" BW in CM 1:5									
	NGL to Basement									
	Staircase, Shop and toilet	1	139.25	0.75	4.00	417.75				
	Carpark	1	101.34	0.75	2.50	190.01				
					Total	607.76	cft	215.00	1,30,668.94	
	Ground Floor									
	Staircase + shop + Toilet	1	125.76	0.75	9.75	919.62				
	deduct (-)									
	MD	-1	3.50	0.75	7.00	-18.38				
	RS	-1	8.25	0.75	7.00	-43.31				
	W	-1	4.00	0.75	4.00	-12.00				
	D1/V	-1	2.50	0.75	7.00	-2.50				
					Total	843.43	cft	220.00	1,85,555.15	
	First Floor									
		1	173.14	0.75	8.75	1136.23				
	deduct (-)									
	MD	-1	3.50	0.75	7.00	-18.38				
	W	-2	4.00	0.75	4.00	-24.00				
	V	-1	2.00	0.75	2.00	-3.00				
					Total	1090.86	cft	220.00	2,39,988.38	
	Second Floor									
	Wall	1	182.70	0.75	8.75	1198.97				
	deduct (-)									
	MD	-1	3.50	0.75	7.00	-18.38				
	W	-2	4.00	0.75	4.00	-24.00				
	V	-1	2.00	0.75	2.00	-3.00				
					Total	1153.59	cft	225.00	2,59,558.59	
	Terrace Floor									
	Parapet wall	1	157.00	0.75	3.25	382.69				
		1	29.08	0.75	8.75	190.84				
	deduct (-)									
	MD	-1	3.50	0.75	7.00	-18.38				
					Total	555.15	cft	225.00	1,24,908.75	
	4.5" BW in CM 1:4									
	Ground Floor									
	Toilet	1	11.50		10.50	120.75				
					Total	120.75	sft	113.00	13,644.75	
	First Floor									
	Walls	1	88.15		9.50	837.43				
	Walls	1	5.00		2.50	12.50				
	Deduct (-)									
	D	-2	3.00		7.00	-42.00				
	D1	-3	2.50		7.00	-52.50				
	SD	-1	6.00		7.00	-42.00				
	KW	-1	4.00		3.00	-12.00				
	V	-1	2.00		2.00	-4.00				
					Total	697.43	sft	113.00	78,809.03	
	Second Floor									
	Walls	1	103.99		9.50	987.91				
	Walls	1	5.00		9.50	47.50				
	Deduct (-)									
	D	-2	3.00		7.00	-42.00				
	D1	-5	2.50		7.00	-87.50				
	SD1	-1	4.00		7.00	-28.00				
	W	-1	4.00		4.00	-16.00				
	W1	-1	4.00		4.00	-16.00				
	V	-1	2.00		2.00	-4.00				
					Total	841.91	sft	115.00	96,819.08	
	Terrace Floor									
		1	17.33		3.25	56.32				
	1	4.67		3.25	15.18					
				Total	71.50	sft	115.00	8,222.50		

PROPOSED RESIDENCE IN VELLACHERY									
GROUND FLOOR + FIRST FLOOR + SECOND FLOOR									
PRICED BOQ									
S NO.	DESCRIPTION OF WORKS	NOS	LENGTH	BREADTH	DEPTH	QUANTITY	UOM	RATE	AMOUNT
	Brick work in Steps								
	Common Staircase								
	GF to FF	18	3.25	0.82	0.50	11.99			
	FF to TERRACE	36	3.25	0.82	0.50	23.99			
	Private Staircase								
	FF to SF	14	3.00	0.82	0.50	8.61			
		2		2.25	0.50	1.13			
		1		4.50	0.50	1.13			
		1		4.87	0.50	1.22			
					Total	48.06	cft	225.00	10,812.38
9	Plastering Works								
	Ceiling and Lofts in CM 1:4								
	Ground Floor								
	Shop	1	15.50	26.42		409.51			
		-1	2.82	4.33		-12.21			
	Toilet	1	4.00	5.82		23.28			
	Carpark	1		595.66		595.66			
		1	27.92	3.00		83.76			
	Staircase -waist Slab	2	8.625	3.25		56.06			
	Mid Landing	1	6.50	3.25		21.13			
	Entrance slab	1	3.92	6.50		25.48			
	beams	1	68.75	2.25		154.69			
					Total	1202.67	sft	48.00	57,728.01
	First Floor								
	Front Bedroom	1	10.16	10.25		104.14			
	Kitchen	1	7.82	11.00		86.02			
	Service	1	8.33	5.08		42.32			
	Dining	1	11.25	15.75		177.19			
	waist slab	-1	3.00	4.67		-14.01			
		-1	12.42	3.00		-37.26			
	Toilet	1	6.82	5.33		36.35			
		-1	3.00	2.33		-6.99			
	Living	1	13.08	15.00		196.20			
	Area beside Courtyard	1	5.00	8.00		40.00			
	Back Bedroom	1	13.08	11.00		143.88			
	Toilet	1	5.00	7.50		37.50			
	Dress	1	5.00	3.08		15.40			
	common staircase								
	Staircase -waist Slab	2	8.625	3.25		56.06			
	Mid Landing	1	6.50	3.25		21.13			
	Entrance slab	1	3.92	6.50		25.48			
	Private staircase								
	Landing	2	3.00	3.00		18.00			
	waist slab	1	10.53	3.00		31.60			
					Total	973.00		47.00	45,731.19
	Second Floor								
	Front Bedroom	1	14.25	10.16		144.78			
	wardrobe	1	10.00	4.25		42.50			
		1	5.75	3.00		17.25			
	Balcony	1	3.92	6.00		23.52			
	Toilet	1	8.75	5.33		46.64			
		-1	3.00	2.33		-6.99			
	Dress	1	3.00	5.33		15.99			
	Hall	1	11.25	15.42		173.48			
	Living	1	13.08	15.00		196.20			
	Study	1	5.00	8.00		40.00			
	Back Bedroom	1	13.08	11.00		143.88			
	Toilet	1	5.00	7.50		37.50			
	Dress	1	5.00	3.08		15.40			
	common staircase								
	Staircase -waist Slab	2	8.625	3.25		56.06			
	Mid Landing	1	6.50	3.25		21.13			
	Entrance slab	1	3.92	6.50		25.48			
					Total	992.81	sft	47.00	46,662.07
	Terrace Floor								
	SHR	1	14.67	6.5		95.355	sft	47.00	4,481.69
	Internal Wall plastering in CM 1:5								
	Ground Floor								
	Shop	1	15.50	26.42	10.50	880.32			
	Toilet	1	4.00	5.82	10.50	206.22			
	Staircase	1	15.42	6.50	11.00	482.24			
		1	23.42		10.50	245.91			
	Jams	1	22.25	0.75		16.69			
		1	17.50	0.75		13.13			
		1	17.00	0.75		12.75			
		1	16.50	0.75		12.38			
	deduct(-)								
	RS	-2	8.25		7.00	-115.5			
	MD	-2	3.50		7.00	-49			
	W	-1	4.00		4.00	-16			
	D1/V	-1	2.50		7.00	-17.5			

PROPOSED RESIDENCE IN VELLACHERY									
GROUND FLOOR + FIRSTFLOOR + SECOND FLOOR									
PRICED BOQ									
S NO.	DESCRIPTON OF WORKS	NOS	LENGTH	BREADTH	DEPTH	QUANTITY	UOM	RATE	AMOUNT
					Total	1671.6275	sft	46.00	76,894.87
	First Floor								
	Front Bedroom	1	10.16	10.25	9.50	387.79			
	Kitchen & Dining	1	19.16		9.50	182.02			
		1	57.58		9.50	547.01			
	Toilet	1	25.05		9.50	237.98			
	Living	1	13.08	15.00	9.50	533.52			
	area beside courtyard	1	5.00	8.00	9.50	247.00			
		1	5.00		9.50	47.50			
	Back Bedroom	1	13.08	11.00	9.50	457.52			
	Toilet	1	5.00	7.50	9.50	237.50			
	Dress	1	5.00	3.08	9.50	153.52			
	Staircase	1	15.42	6.50	11.00	482.24			
	Jams	1	17.50		0.75	13.13			
		2	17.00		0.38	12.75			
		3	16.50		0.38	18.56			
		1	16.50		0.38	6.19			
		1	20.00		0.38	7.50			
		2	16.00		0.75	24.00			
		1	16.00		0.75	12.00			
		1	14.00		0.75	10.50			
		2	4.00		0.75	6.00			
	deduct(-)								
	MD	-2	3.50		7.00	-49.00			
	D	-4	3.00		7.00	-84.00			
	D1	-6	2.50		7.00	-105.00			
	D1	-1	2.50		7.00	-17.50			
	SD	-2	6.00		7.00	-84.00			
	W	-2	4.00		4.00	-32.00			
	W1	-1	4.00		4.00	-16.00			
	KW	-1	4.00		3.00	-12.00			
	V	-2	2.00		2.00	-8.00			
					Total	3216.72	sft	46.00	1,47,969.12
	Second Floor								
	Bedroom & Wardrobe	1	69.58		9.50	661.01			
	Toilet	1	29.00		9.50	275.50			
	Dress	1	3.00	5.33	9.50	158.27			
	Hall	1	11.25	15.42	9.50	506.73			
	Living	1	13.08	15.00	9.50	533.52			
	Study	1	5.00	8.00	9.50	247.00			
	Back Bedroom	1	13.08	11.00	9.50	457.52			
	Toilet	1	5.00	7.50	9.50	237.50			
	Dress	1	5.00	3.08	9.50	153.52			
	Staircase	1	15.42	6.50	11.00	482.24			
	Jams	1	17.50	0.75		13.13			
		2	17.00	0.38		12.75			
		4	16.50	0.38		25.08			
		1	16.50	0.38		6.27			
		1	18.00	0.38		6.84			
		3	16.00	0.75		36.00			
		1	16.00	0.75		12.00			
		1	8.00	0.75		6.00			
	deduct(-)								
	MD	-2	3.50		7.00	-49.00			
	D	-4	3.00		7.00	-84.00			
	D1	-8	2.50		7.00	-140.00			
	D1	-1	2.50		7.00	-17.50			
	SD1	-2	4.00		7.00	-56.00			
	W	-3	4.00		4.00	-48.00			
	W1	-1	4.00		4.00	-16.00			
	V	-2	2.00		2.00	-8.00			
					Total	3412.375	sft	47.00	1,60,381.63
	Terrace Floor								
	SHR	1	14.67	6.50	9.50	402.23			
	deduct(-)								
	MD	-1	3.50		9.50	-33.25			
					Total	368.98	sft	47.00	17,342.06
	External Wall plastering in CM 1:5								
	Ground Floor								
	Walls	1	94.25		11.00	1036.75			
	beams	1	99.67		3.25	323.93			
	Shaft	1	9.34		11.00	102.74			
	deduct(-)								
	D1/V	-1	2.50		7.00	-17.50			
	W	-1	4.00		7.00	-28.00			
	First Floor								
	Walls	1	159.41		10.00	1594.10			
	OTS	1	9.34		10.00	93.40			
	Courtyard	1	24.84		10.00	248.40			

PROPOSED RESIDENCE IN VELLACHERY									
GROUND FLOOR + FIRSTFLOOR + SECOND FLOOR									
PRICED BOQ									
S NO.	DESCRIPTON OF WORKS	NOS	LENGTH	BREADTH	DEPTH	QUANTITY	UOM	RATE	AMOUNT
	deduct(-)								
	D1	-1	2.50		7.00	-17.50			
	W	-2	4.00		4.00	-32.00			
	W1	-1	4.00		4.00	-16.00			
	KW	-1	4.00		3.00	-12.00			
	V	-2	2.00		2.00	-8.00			
	Second Floor								
	Walls	1	171.34		10.00	1713.4			
	OTS	1	9.34		10.00	93.40			
	Courtyard	1	24.84		10.00	248.40			
	Pergola	5	5.00	2.50		62.50			
	deduct(-)								
	D1	-1	2.50		7.00	-17.50			
	W	-3	4.00		4.00	-48.00			
	W1	-1	4.00		4.00	-16.00			
	V	-2	2.00		2.00	-8.00			
	Terrace Floor								
	SHR	1	30.66		10.00	306.60			
	OTS	1	5.375		3.25	17.47			
	Courtyard wall	1	18.17		3.25	59.05			
	Parapet wall	1	129.215		4.00	516.86			
		1	160.00		3.25	520.00			
	deduct(-)								
	MD	-1	3.50		7.00	-24.50			
					Total	6692.00	sft	50.00	3,34,599.94
10	Waterproofing works								
	First Floor								
	Front bedroom Toilet	1	31.00			31.00			
	Back bedroom Toilet	1	5.00	11.00		55.00			
	Balcony	1	8.33	5.08		42.32			
	Second Floor								
	Front bedroom Toilet	1	41.00			41.00			
		1	3.00	5.33		15.99			
	Back bedroom Toilet	1	5.00	11.00		55.00			
	Balcony	1	3.92	6.00		23.52			
					Total	263.83	sft	30.00	7,914.79
	Terrace waterproofing								
	Terrace	1	918.00			918.00			
	SHR	1	14.67	6.50		95.36			
					Total	1013.36	sft	30.00	30,400.65
11	Light weight material (vermiculite) Filling								
	All Toilet sunken	1	197.99		0.42	83.16	cft	195.00	16,215.38
	SUB TOTAL - CIVIL WORKS								42,63,934.49
12	JOINERY - WOOD WORKS								
	All Floors								
	Main Door including accessories	4	3.50		7.00	98.00	sft	930.00	91,140.00
	Bedroom doors including accessorie	D	4	3.00	7.00	84.00	sft	790.00	66,360.00
	Toilet door + Balcony doors	D1	9	2.50	7.00	157.50	sft	795.00	1,25,212.50
	SUB TOTAL - JOINERY								2,82,712.50
13	UPVC WORKS								
	Windows								
	Ground Floor - W	1	4.00		4.00	16.00			
	First Floor								
	W	2	4.00		4.00	32.00			
	W1	1	4.00		4.00	16.00			
	KW	1	4.00		3.00	12.00			
	Second Floor								
	W	3	4.00		4.00	48.00			
	W1	1	4.00		4.00	16.00			
					Total	140.00	sft	600.00	84,000.00
	Ventilators								
	All Floors - V	5	2.00		2.00	20.00	sft	475.00	9,500.00
	SUB TOTAL -UPVC WORKS								93,500.00
14	Metal Works								
	Windows - MS grills								
	Ground Floor - W	1	4.00		4.00	16.00			
	MD	1	4.00		7.25	29.00			
	First Floor								
	W	2	4.00		4.00	32.00			
	W1	1	4.00		4.00	16.00			
	KW	1	4.00		3.00	12.00			
	MD	1	4.00		7.25	29.00			

PROPOSED RESIDENCE IN VELLACHERY									
GROUND FLOOR + FIRST FLOOR + SECOND FLOOR									
PRICED BOQ									
S NO.	DESCRIPTION OF WORKS	NOS	LENGTH	BREADTH	DEPTH	QUANTITY	UOM	RATE	AMOUNT
17	MISCELLANEOUS WORKS								
	UG Sump	1			10780		Litre	25.00	2,69,500.00
	OHT	1			3028		Litre	25.00	75,700.00
	Compound wall	1	20.00				rft	2500.00	50,000.00
	Pumps	2			LS		no	30000.00	60,000.00
	Landscapes	1			LS			15000.00	15,000.00
	Elevation treatment	1			3659.00		sft	40.00	1,46,360.00
	SUB TOTAL - MISCELLANEOUS WORKS								6,16,560.00
	TOTAL COST - INR								65,81,202.07
	TOTAL AREA - SFT								3,659.00
	RATE PER SFT - INR								1798.63



Purchase Order

(ORIGINAL FOR RECEIPT)

RSM CONSTRUCTIONS & INTERIORS,

No.6, G1 Flat, Elango Street,
Nethaji Avenue, Nerkundrum, Chennai – 600 107
GST / UIN CODE : 33AOOPR5302N1ZK
STATE NAME : TAMILNADU, Code : 33
CONTACT : 9941908747
EMAIL : raja@rsmconstructions.com
Supplier
CK associates
Plot no 63, Manoj Flats,housing colony 2nd street
Madambakkam,
Chennai -600 126
GST / UIN CODE : 33BDNPC3794C1ZP
Contact : Mr.Karthick, 79047 71427
Email id :

Dated :

11th July' 22

RSM/ PO/R1/2021/001

Delivery Address

RSM Constructions & interiors

Door No: R- 71-c, TNHB Road, Velachery , chennai 600 042

(Land mark near lake view road)

S.No	Description / Particulars of works	HSN	SAC	Unit	Qty	Rate	Amount
1	Supply of RMC M30 grade of concrete with OPC - 400Kg/m3 of cement with 100 % M sand) (without Pump for Pile foundation concrete) Terms and Conditions 1) Slump and cube test to be done with reports 2) On and an Average 3m3- 4 m3 of concrete to be supplied as per site condition 3) Admixtures to be added at site if batching time varies from standard while pouring 4) 30 days credit for payment from the date of supply 5) Cube moulds to be at site for every 4 m3 concrete 6) Actual RMC Qty will be measured and paid according to pour	6810	9954	M3	25	5800	145000

Amount Chargeable (in words) (Rupees One lakhs Fourty Five thousand only)

Company bank details

RSM constructions & interiors

Bank Name : IDFC first bank

A/C No : 10044957850

IFSC code : IDFB0080103

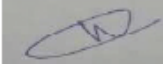
Branch / code : RA Puram Branch / 80103

PAN : AOOPR5302N

Declaration :

We declare that this invoice shows the actual price of goods described and that all particulars are true and correct

For RSM Constructions & interiors



Authorized signatory

This is a computer generated Purchase Order

 DHM - Haridoss Payment stages For Civil works @ Velachery					Total Labor contract value	1225000	Dated 6th June'22
					Area	3700 sft	
S.no	Stages for Civil works	% of amount	Amount	Retention 2 %	Final Value after Retention	Actual Amount paid	Date Paid
1	Advance payment	5%	61250	1225	60025	50000	16-May-22
2	Completion of Ground floor Roof slab / columns	10%	122500	2450	120050	130075	30-May-22
3	Completion of Ground floor brick work with lintels	3.0%	36750	735	36015		
4	Completion of First floor Roof slab	12%	147000	2940	144060	150000	21-Jun-22
5	Compleion of first floor column	3%	36750	735	36015	30000	6-Jun-22
6	Completion of First floor brick work with lintels	7.0%	85750	1715	84035		
7	Completion of Ground floor wall plastering	5.0%	61250	1225	60025		
8	Compleion of Second floor column	3%	36750	735	36015	40000	27-Jun-22
9	Completion of Second floor brick work with lintels	7.0%	85750	1715	84035		
10	Completion of Second floor Roof slab	12%	147000	2940	144060	140000	9-Jul-22
11	Completion of staircase Head room with parapet wall	3.0%	36750	735	36015 30000	15 - jul- 22	
12	Completion of First floor wall plastering	5.0%	61250	1225	60025 30000	30 - jul- 22	
13	Completion of Second floor wall plastering	5.0%	61250	1225	60025 40000	6- Aug - 22	

 DHM - Haridoss Payment stages For Civil works @ Velachery					Total Labor contract value	1225000	Dated 6th June'22
					Area	3700 sft	
S.no	Stages for Civil works	% of amount	Amount	Retention 2 %	Final Value after Retention	Actual Amount paid	Date Paid
14	Completion of terrace floor / parapet wall plastering	5.0%	61250	1225	60025		
15	Completion of External wall plastering	10%	122500	2450	120050		
16	After completion of all works	5%	61250	1225	60025		
						540075	
	Total	100%	1225000	24500	1200500	540075	660425



RSM CONSTRUCTIONS & INTERIORS

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOPR5302N1ZK

Ref: RSM/ Velachery/WO/R1/2022/02

Dated: 15th July'22

To,

Mr.Haridoss

DHM Builder,

Puzhal Project

Sub: Updated Work Order of Labor charges for civil works in the "Construction of G+2 floor residential building "Marappan Heights" @Velachery"

Dear Sir,

Warm wishes from **RSM Construction & interiors**, with reference to your offer given for the above said project dated 15th April '22 we pleased to confirm the same and pleasure to issue the Labor charges for civil works in the "Construction of G+2 floor residential building "Marappan Heights" @Velachery"

"Pl find the Consolidated pricing details for your kind reference..

S.no	Description of for works	Qty	Rate	Amount
	Labor charges for civil works for a "Construction of G+2 floor residential building "Marappan Heights" @Velachery"	Ls	1225000	1225000
	Grand total			1225000/-

(Rupees Twelve lakhs Twenty five thousand Rupees only)

Looking forward your favourable feedback at the earliest ...

For RSM Construction & interiors

Raja

Authorized Signatory



RSM CONSTRUCTIONS & INTERIORS

Email id: raja@rsmconstructions.com

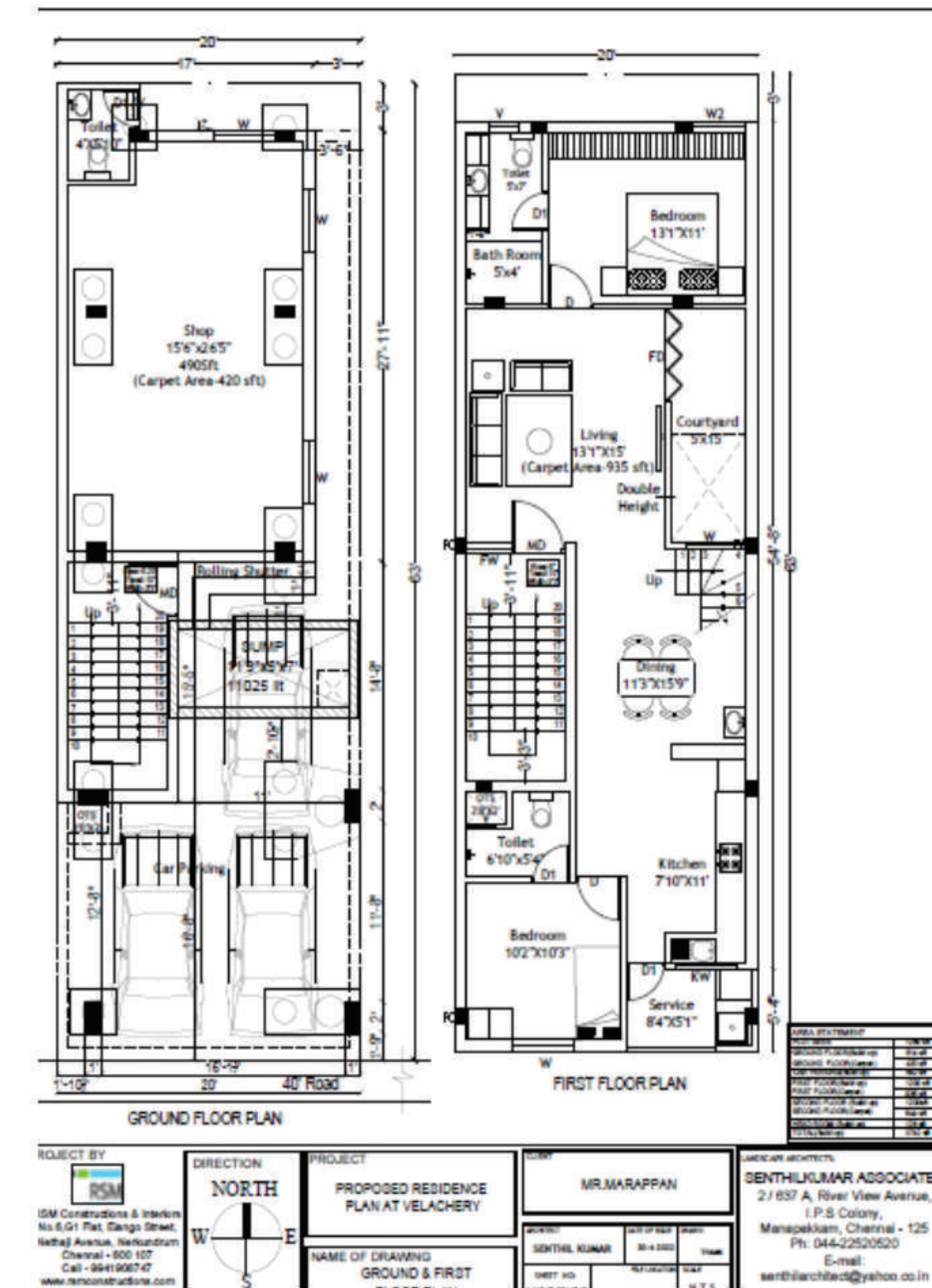
Mob: 9941908747

GST No: 33AOPR5302N1ZK

Encl:

- ✓ Floor plans
- ✓ Specifications
- ✓ Scope of works
- ✓ Terms & conditions
- ✓ Special conditions
- ✓ Payment stages

Floor plans





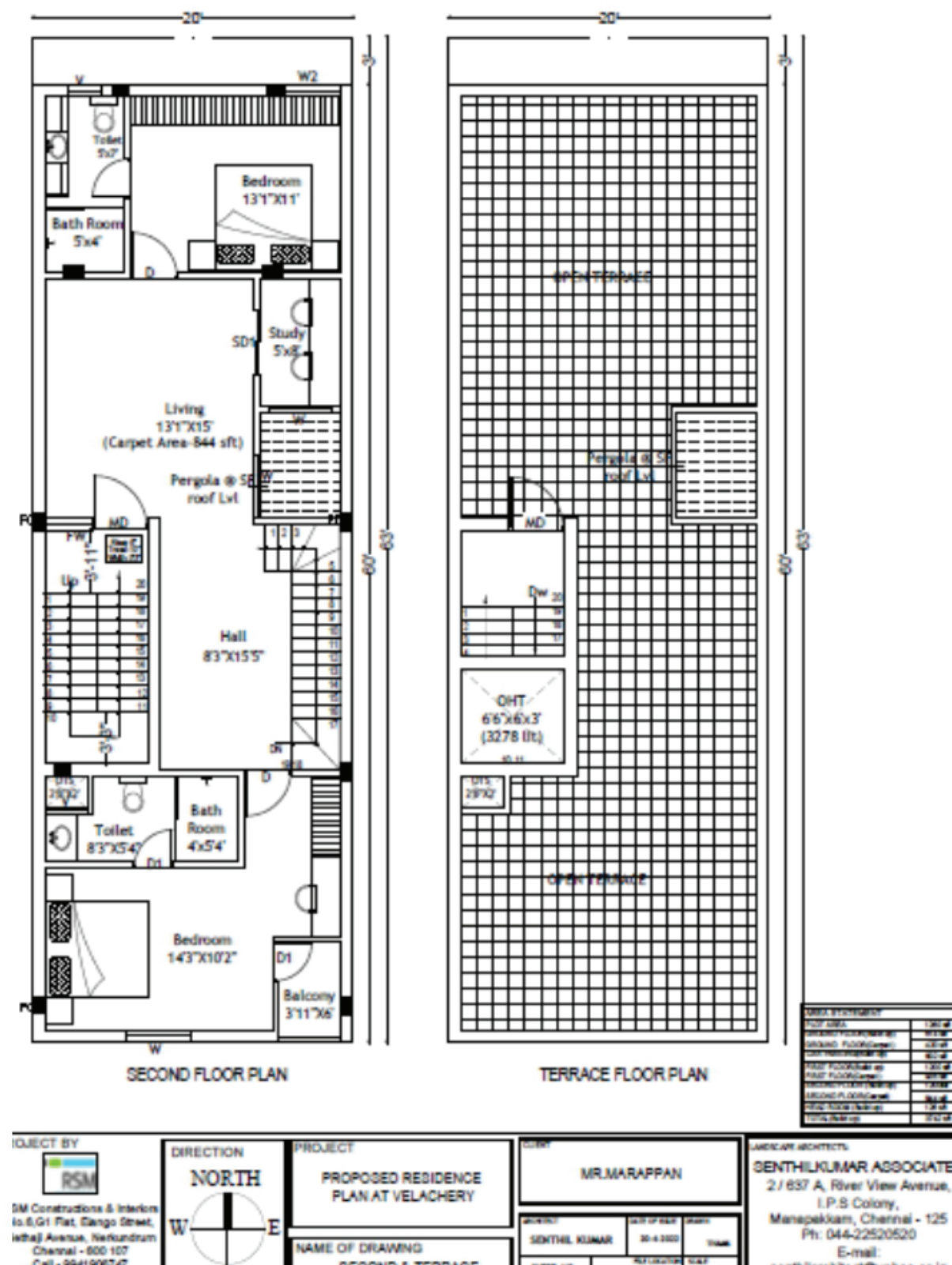
RSM CONSTRUCTIONS & INTERIORS

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33A00PR5302N1ZK

Ground & first floor plan



Second floor plan



RSM CONSTRUCTIONS & INTERIORS

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33A00PR5302N1ZK

SPECIFICATIONS OF CIVIL WORKS (Labor scope only)

S.No.	Description	Remarks
1	Ground Floor Column starter marking, Barbending, shuttering and concreting Roof Slab Shuttering, Barbending, Concreting, lintel, loft sunshade with roof slab height 10'0" in every floor All Floor Brick work, ceiling plastering and internal / External wall plastering. Toilet sunken brick jelly / water proofing 2 coats	Brick work and plastering with River sand and sieved whenever required for fineness
2	First Floor & second floor Column starter marking, Barbending, shuttering and concreting Roof Slab Shuttering, Barbending, Concreting, lintel, loft sunshade with roof slab height 10'0" in every floor All Floor Brick work, ceiling plastering and internal / External wall plastering. Toilet sunken brick jelly / water proofing 2 coats	Brick work and plastering with river sand and sieved whenever required for fineness
3	Head room Column starter marking, Barbending, shuttering and concreting Roof Slab Shuttering, Barbending, Concreting, lintel, loft sunshade with roof slab height 10'0" in every floor All Floor Brick work, ceiling plastering and internal /	Brick work and plastering with M sand and sieved whenever required for fineness



RSM CONSTRUCTIONS & INTERIORS

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Mob: 9941908747

GST No: 33AOPR5302N1ZK

	External wall plastering. Parapet wall brick work @ 3'0" height Terrace water proofing / weathering coarse to be done Elevation pins / sunshades/ lintels/ lofts / pillars with plastering works Toilet sunken brick jelly / water proofing 2 coats	
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4	Common Area :- (Civil Work)	
	1. Staircase concrete with plastering 2. Snag points Rectification and handing over 3. External Plastering including scaffolding and supports required 4. Housekeeping and Curing works, site cleaning works regularly 5. Elevation civil works 6. Front ramp / side set back PCC in built up area	Brick work and plastering with river sand and sieved whenever required for fineness

TERMS AND CONDITION:-

- ❖ Running bill to be submitted while every stage of works completed
- ❖ Payment to be released **within 4 days from date of bill submitted**
- ❖ Material indent to be **raised 2 days before** they required
- ❖ Completion period will be **120 days** from date of approval and works commenced
- ❖ **2 sets of "Good for Construction"** will be issued in hard copies with sign and seal
- ❖ **Material wastage to be avoided and reused**
- ❖ **At most quality is required and expected**
- ❖ **Coordination of civil works with all vendors while and completing till execution**
- ❖ **Curing to be done on your scope separately**

PAYMENT STAGES

- ❖ As per annexure



RSM CONSTRUCTIONS & INTERIORS

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOPR5302N1ZK

Thanking you

For RSM Construction & interiors

Raja

Authorized Signatory

Accepted

For DHM Builder

D.Haridoss

Proprietor

Velachery Site



STRUCTURAL BOQ

Project : TENT @ T Nagar				
SI No	DESCRIPTION	UNIT	Qty	Rate
	Structural Works			
	Earth work			
1	Excavation for pile cap all types of soil including dense soil and disintegrated and weathered soft rock including any existing foundation for pits trenches and catch basins by mechanical means as well as manual excavation including levelling.			
a)	Pile cap - Up to 2 Mtr Depth	cft	1759.04	
b	Plinth beam base	cft	858.78	
2	Pile cap breaking upto cut off level	cft	144.44	
2	Filling M. sand in plinth beam. Pile cap, basement level in 100mm thick layers including watering, ramming and consolidations in foundation as per the drawings etc complete.	Cft	742.95	
3	Filling the approved good quality earth in plinth area development etc. wherever specified in layers of not exceeding 200mm thick including breaking clods, watering, compacting each layer with vibratory compactor and at unaccessible places with wooden /			
a)	With earth bought outside	Cft	4969.36	
4	PLAIN CEMENT CONCRETE			
a)	Laying pcc of mix 1: 1.5: 3 (M 20 grade) for Pile cap/ plinth beam/ basement botttom 100 mm thick including watering, ramming etc., complete.	Cft	742.95	
5	CONCRETE			
	All RCC works shall be in strict conformity with I.S. 456 and specification appended herewith.			
a)	RCC M25 with CC 350 kg/m3 for pile cap concrete / lift raft	Cft	484.0625	
b	RCC M25 with CC 350 kg/m3 of mix ratio 1: 1.5: 3 for plinth beam / lift pit wall concrete	Cft	429.515625	
7	Laying RCC of below grade mix using 20mm size down graded hard granite broken aggregate in Columns.			
a)	plinth beam top to stilt floor roof - M35 with 420 Kg/ m3 cement content	Cft	271.78125	
c)	First floor- M35 with 420 Kg/ m3 cement content	Cft	205.359375	
d)	Second floor- M30 with 380 Kg/ m3 cement content	Cft	205.359375	
g)	Terrace floor (H/R, LMR)- M25 with 350 Kg/ m3 cement content	Cft	137.25	

STRUCTURAL BOQ

Project : TENT @ T Nagar				
SI No	DESCRIPTION	UNIT	Qty	Rate
8	Laying RCC of below grade mix using 20mm size down graded hard granite broken aggregate in Roof slab and beams.			
a)	Stilt Floor			
	M35 - PT beams	cft	551.21	
	M25 - Non PT slabs / beams	cft	760.23	
b)	First Floor	Cft		
	M35 - PT beams	cft	290.78	
	M25 - Non PT slabs / beams	cft	760.23	
c)	Second Floor			
	M35 - PT beams	cft	290.78	
	M25 - Non PT slabs / beams	cft	760.23	
d)	terrace floor			
	M25 - Non PT slabs / beams	cft	520.67	
9	Laying Reinforced cement concrete of specified grade Lintel at all levels and heights specified below using ordinary portland cement of grade 53 including all leads and lifts,vibrating /compaction,scaffolding wherever necessary,curing as directed ,etc			
a)	stilt floor	Cft	6.47	
b	first floor	cft	44.88	
c)	second floor	cft	44.88	
d)	Terrace floor	cft	29.88	
10	STEEL WORKS			
	Cut, bend to shape, fabricate, fix and tie in position Reinforcement steel of Fe500 grade in all rcc works including supplying and tying with 18 gauge MS wire (actual weight laid in position will be measured and rate to include for all cuts			

STRUCTURAL BOQ

Project : TENT @ T Nagar				
SI No	DESCRIPTION			
		UNIT	Qty	Rate
	For pilecap, plinth beam, roof slabs, beams, PT beams, lintels etc	MT	22.5	
11	ANTITERMITE			
	Sparying of Antitermite treatment in accordance with stipulations laid down by IS 6313 - part II by approved agency with min of 10 years of guarantee including the cost of chemical, precautionary measures etc. complete along retaining walls/ periphery walls	Sq.ft	2327.625	
12	FORM WORK			
	Providing & fixing form work for RCC works.Form work shall be waterproof plastic coated shuttering plywood with minimum thickness not less than 12 mm.			
	Form work for centering & shuttering etc., for all RCC works referred to above including shuttering, centering, propping wedging etc., including removing the same after the specified periods without damaging the concrete laid complete.			
a)	Pile cap	Sq.ft	382.5	
b	Plinth beams	Sq.ft	1073.375	
c)	Columns in stilt floor	Sq.ft	943.625	
d)	Columns in First Floor	Sq.ft	851.75	
e	Second Floor	Sq.ft	851.75	
f	Terrace floor	Sq.ft	666	
12	Roof Slabs & Beams			
a)	stilt Floor	Sqft	2400.70	
b)	First Floor	Sqft	2232.22	
c)	Second Floor	Sqft	2232.22	
	Terrace floor	Sqft	1074.44	
13	Lintels , sunshades,			
a)	Stilt Floor	cft	17.25	
b	First Floor	cft	110.50	
c)	Second Floor	cft	110.50	

STRUCTURAL BOQ

Project : TENT @ T Nagar				
SI No	DESCRIPTION			
		UNIT	Qty	Rate
d)	Terrace floor	cft	50.50	
14	Toilets Sunken area WaterProofing.			
	labor Charges for Water proof plastering in the toilet sunken portion in C.M.1:3 using sieved sand mixed with Pidiproof L.W. chemical in the ratio of 200 ml to 1 bag of cement.	Sqft	519.19	
15	Terrace WaterProofing.			
	labor Charges for Water proof plastering in the toilet sunken portion in C.M.1:3 using sieved sand mixed with Pidiproof L.W. chemical in the ratio of 200 ml to 1 bag of cement.	Sqft	1634.00	
16	UG sump	lr	30000.00	
	Over head tank	lr	12000.00	
	A - STRUCTURE TOTAL AMOUNT			

Stage of works

Labor cost

Total pile foundation cost

₹ 4,54,650

Total Structure cost

₹ 0

Total Post tensioned cost

₹ 1,80,000

Total Architectural cost

₹ 5,48,257

Total cost

₹ 11,82,907

Built up area

5101

Rate / sft

₹ 231.90

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOOPR5302N1ZK

Dated: 13th July 22

Ref: RSM/ W/O/R1/2021/05

To,

Mr.Dhana / thiru

Grill Fabricator

Thiruverkadu

Chennai – 600 077

Sub: Work Order of MS Grill works (Material & Labor scope)

Dear Sir,

Warm wishes from **RSM Construction & interiors**, with reference to your offer dated 10th July 22 for the above said project; we pleased to confirm the same and pleasure to issue the Work Order of MS Grill works including fixing (Material & Labor scope)

“Pl find the Consolidated pricing details for your kind reference..

S.no	Description of for works	Unit	qty	Rate	Amount
1	Supply and fixing of MS grill gates as per Actual size and weight	Kg	260 (Approx.)	80	20800/-
	Grand total				20800/-

(Rupees Twenty thousand and eight hundred only)

SCOPE OF WORKS (Labor scope only)

- ❖ Supply and fixing of MS Square Grill inclu bolt net support
- ❖ MS plate up to 3'0" in main door gate and staircase gate

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOOPR5302N1ZK

❖ Red oxide paint to be done and welded

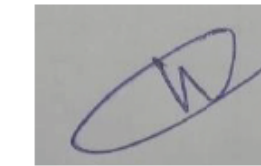
TERMS AND CONDITION:-

- ❖ 20 % Advance payment will be issued via IMPS / Cash
- ❖ Balance as per Progress
- ❖ Completion Period 5 days
- ❖ Loading / Un loading and transport included in above rate
- ❖ Actual weight will be checked and paid accordingly
- ❖ Taxes including above Prices

Thanking you

For RSM Construction & interiors

Raja



Authorized Signatory

Accepted

For MS Grill works

Dhana

Authorized Signatory

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOPR5302N1ZK

Ref: RSM/ W/O/R1/2021/06

14th july 22

To,

M/s. Sree Door Plaza,

No.244/5, Poonamalle High road,

Velappanchavadi,

Chennai – 600 077

Phone: 99414 55177

Sub: Work Order of Teak wood Main door /Membrane doors / other doors

Dear Sir,

Warm wishes from **RSM Construction & interiors**, with reference to your offer dated 10th july 22 for the above said project; we pleased to confirm the same and pleasure to issue the Work Order for supply and fixing of Membrane doors / other doors

"Pl find the Consolidated pricing details for your kind reference..

S.no	Description of for works	Unit	qty	Rate	Amount
1	Supply and fixing of Membrane doors 7'x3'0"	No's	2	2800	5600/-
2	2D Membrane doors 7 x 3'0"	No's	1	3100	3100/-
3	Wood plastic composite (wpc) doors as per selected design	No's	3	3000	9000/-
4	PVC plastic designer doors	No's	2	2800	5600/-
5	Main door with 2nd class Teak wood door as per	No's	1	12000	12000/-

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOPR5302N1ZK

	approved carving design				
	Grand total				35300/-

(Rupees Thirty Five thousand and Three hundred only)

SCOPE OF WORKS (Labor scope only)

- ❖ Supply and fixing of all above doors as per selected models
- ❖ Quality of doors should be good and from moisture and **well-seasoned wood doors**
- ❖ Warranty for 1 year for doors

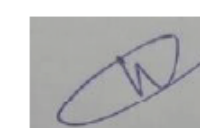
TERMS AND CONDITION:-

- ❖ 20 % Advance payment will be issued via IMPS / Cash
- ❖ Balance as per Progress
- ❖ Completion Period 10 days
- ❖ Loading / Un loading and transport included in above rate
- ❖ Taxes including above Prices

Thanking you

For RSM Construction & interiors

Raja



Authorized Signatory

Accepted

For Sree Plaza Doors

Dhana

Authorized Signatory

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOPR5302N1ZK

Dated: 16 'th july 22

Ref: RSM/ W/O/R1/2021/07

To,

Mr.Thanigaivel

Tile Layer

Thiruverkadu

Chennai – 600 077

Sub: Work Order of Floor and wall tiles laying Labor scope)

Dear Sir,

Warm wishes from **RSM Construction & interiors**, with reference to your offer dated 16 'th july 22 for the above said project; we pleased to confirm the same and pleasure to issue the Work Order of Floor and wall tiles laying Labor scope))

"Pl find the pricing details for your kind reference..

S.no	Description of works	Unit	qty	Rate	Amount	Remarks
1	2'x 4'and 2' x 2' , 1' x1' 12" x 2'0" (kitchen wall) Vitrified Floor tile and car park tile laying works , Staircase landings in ground floor / 1 st Floor	sft	1100	20	22000/-	
2	2'x 4'and 2' x 2' Vitrified Floor tile / car park tile Skirting laying works in ground floor / 1 st Floor	Rft	200	20	4000/-	

Email id: raja@rsmconstructions.com

Mob: 9941908747

GST No: 33AOPR5302N1ZK

3	Steps laying for 10" tread 6" Riser	No's	40	200	8000/-	
4	Terrace cool roof tile laying works	sft	600	20	12000/-	
	Grand total				46000/-	

(Rupees Forty six thousand only)

SCOPE OF WORKS (Labor scope only)

- ❖ Laying of vitrified tiles neatly without any undulations/Hollow sounds and with straight joints
- ❖ Laying of Ceramic tiles neatly without any undulations/Hollow sounds and with straight joints
- ❖ Pointing to be perfect with proper grout / tile Adhesives
- ❖ Proper base surface to be done
- ❖ Kitchen granite nosing to be done at free of cost in addition to the above works

TERMS AND CONDITION:-

- ❖ 20 % Advance payment will be issued via IMPS / Cash
- ❖ Balance as per Progress
- ❖ Completion Period 7 days
- ❖ Shifting and leads in your scope
- ❖ Necessary tools/ tackles / supports in your scope
- ❖ Rate including all taxes

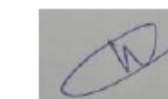
Thanking you

Accepted

For RSM Construction & interiors

Raja

Thanigaivel



Authorized Signatory

Authorized Signatory

Quality Check of Materials

COARSE AGGREGATE



Quality Site Records
❖ Sign on trip sheet
❖ Stock register
❖ Site lab test report

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Size	Visual	100%	As per P.O
Shape	Visual	100%	Angular/Round
Grading/sieve analysis	Lab check	As per contract/Approved project QAP	Satisfy IS 383-1970(RA 2007) Standards

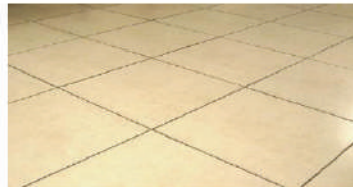
SOLID BLOCKS



Quality Site Records
❖ Lab report

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Size, dimension Handling & storage	Visual	Every load	Specification & Stacking on firm Ground
Compressive strength	Verification Site lab/third party lab	As per contract/Approved project QAP	Solid blocks for load bearing units, for graded(4.0), individual is 3.2N/mm ² & Avg of 8 samples D(4.0)N/mm ² 2 (Ref code is:2185 part I - 2005)

Ceramic Tiles / Clazed tiles/Vitrified tiles



Quality Site Records
❖ MTC
❖ Delivery challan

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Size & color	Visual	1 box per 100 boxes or less	As per PO
Diagonal of tiles	Measurement	1 box per 100 boxes or less	= +/- 2mm
Edges/Corners	Visual	1 box per 100 boxes or less	P effect
Cracks,Cavities,Holes	Visual	1 box per 100 boxes or less	Free from cavities, Cracks & Holes

FINE AGGREGATE – NATURAL SAND

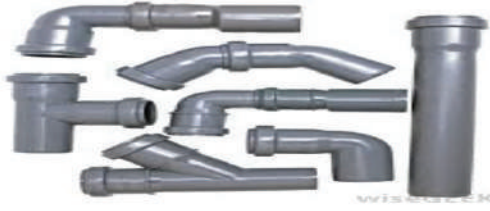


Quality Site Records
❖ Sign on trip sheet
❖ Stock register
❖ Site lab test report

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Fineness	Visual check	Every Load	Coarse or Fine
Sieve Analysis/Gradings	Lab Check	As per contract/Approved project QAP.	Satisfy IS 383-1970(Reaffirmed 2007) standards
Organic impurities	Lab Check	Every source	Third party lab
Silt Content	Lab Check	As per contract/Approved project QAP.	3% by weight as per IS 383-1970(RA2007)

Quality Check of Materials

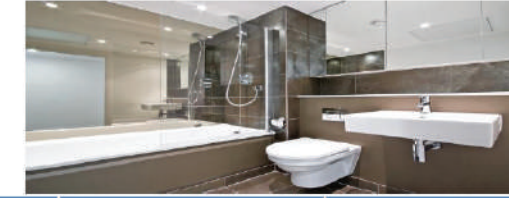
Pipes & Fittings



Quality Site Records
❖ Delivery challan

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Class	Visual	100%	As per PO
brand	Visual	Random	As Specified/approved

Sanitary Fittings



Quality Site Records
❖ Delivery challan

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Brand	Visual	100%	As Specified/Approved
Color	Visual	100%	As per PO
Cracks	Visual	100%	Free from Cracks

M SAND



Quality Site Records
❖ Sign on trip sheet
❖ Stock register
❖ Site lab test report

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Fineness	Visual check	Every Load	Fine
Sieve Analysis	Lab Check	As per contract/Approved project QAP.	
Organic impurities	Lab Check	Every source	Third party lab
Silt Content	Lab Check	As per contract/Approved project QAP.	

CP Fittings



Quality Site Records
❖ Delivery challan

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Brand	Visual	100%	As per sample approval
Weight,cracks	Visual	Random	As per PO

Quality Check of Materials

REINFORCEMENT



- Quality Site Records**
- ❖ Test Certificate
 - ❖ MTC (Manufactures Test Certificate)
 - ❖ Weigh bridge slip
 - ❖ Invoice / DC

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Check the mark on steel, diameter & Rolling Margin	Visual	Every lot	As per PO
Signs of rusting layer on bars	Visual	Every lot	No Signs
Tensile strength, yield strength, %Elongation, Bend, Rebend.	Third party Lab	As per contract/Approved project QAP	As per IS 1786-2008
Chemical Composition	Mfg Test Certificate	Every Lot	As per IS 1786-2008

Electrical fitting & Accessories



- Quality Site Records**
- ❖ Delivery challan

Characteristics to be checked	Method of check	Frequency of checking	Acceptance criteria
Size, thickness, gauge, color	Visual	Random	As per PO
Brand	Visual	Random	As per PO/Sample approval
Defects/cracks	Visual	100%	Free from cracks
Functioning of switches (Before installation)	Visual	100%	Smooth functioning