



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with “A” grade by NAAC | 12B Status by UGC | Approved by AICTE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119

www.sathyabama.ac.in

SCHOOL OF BUILDING AND ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
PRACTICAL TRAINING PORTFOLIO (SAR4063)
MAY 2023

Name of the Student : **SHIVYA RAJKUMAR**

Batch : **2018 - 2023**

Reg No. : **38210070**

Semester : **X**



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SCHOOL OF BUILDING AND ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

VIVA-VOCE EXAMINATION

This is to certify that the practical training SAR 4063 is the work of **SHIVYA RAJKUMAR** who had undergone training in **KHARCHE & ASSOCIATES** has been monitored by the continuous assessment during JANUARY 2023 to APRIL 2023.

Dr. Devyani Gangopadhyay
DEAN

Submitted for Viva voce Examination held on 09 June 2023

Internal Examiner

External Examiner



S. ABDUL HAKKIM
B.Arch., M.B.A., A.I.A., A.I.D., A.I.V.,
COA – CA/2009/46760
CMDA – RA/Gr.I/19/03/092
GCC – RA100182019
VALUER – IIV/CAT-I/A-3020
E: arishakkim@gmail.com V: 9884273099



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DECLARATION

I, **SHIVYA RAJKUMAR** hereby declare that the Training Report **JANUARY 2023 to APRIL 2023** done by me under the guidance of **Ar. ABDUL HAKKIM** is submitted in partial fulfillment of the requirements for the completion of practical training session.

DATE : 03.06.2023

PLACE : CHENNAI

A handwritten signature in blue ink that reads 'Shivya'.

SIGNATURE OF CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA** for their kind encouragement in doing this practical training and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. Devyani Gangopadhyay**, Dean, School of Building and Environment and **Ar.Sarath Chandra Kanth**, Design Chair, Department of Architecture for having been a constant source of support and encouragement.

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

I also wish to thank **Ar. PRASHANTH S KHARCHE**, for the experience of interning at their firm.



Kharche
& Associates

12.01.2023

Sathyabama Institute of Science and Technology

Jeppiaar Nagar, Rajiv Gandhi Salai,

Chennai - 600 119.

SUB: Confirmation Letter.

Dear Sir,

This is to certify that **Ms.Shivya Rajkumar** (38210070) student of Xth semester B.Arch programme of Department of Architecture, **Sathyabama Institute of Science and Technology**, has joined our firm as an intern architect on 09th January 2023.

This is for your information.

Thanking you,

Yours faithfully,
for Kharche & Associates,

S.Abdul Hakkim
Senior Architect

S. ABDUL HAKKIM
B.Arch., M.B.A., A.I.A., A.I.D., A.I.V.,
COA - CA/2009/46760
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PROFESSIONAL PRACTICAL TRAINING REPORT 2023

(Monthly Progress to be documented and submitted to the HOD by the Architect in charge of Trainee of the Organization)

1. Name of the Office / Organization : KHARCHIE AND ASSOCIATES
2. Address & Contact Number : 2/20, SHAFEE MOHAMED ROAD, CH-06
3. Name of the Student : SHIVYA RAJKUMAR
4. Duration : From 09/01/23 To 09/02/23
5. Total No. of days : 26 DAYS
6. Evaluation of Performance Criteria shall be on

Description of works	Excellent	Good	Fair	Poor	NA
Office Culture Comprehension	✓				
Participation in the Office	✓				
Reading of Drawings	✓				
Presentation Techniques	✓				
Model Making		✓			
Understanding of Construction Details	✓				
Drafting Skills (Manual/Computer)	✓				
Site Supervision / Client Interaction Skills	✓				
Time Schedule Adherence	✓				
Other Computer Skills	✓				
Files and Office Maintenance		✓			
Coordination with other Consultants		✓			
Overall Grading*	84/90				

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month*

7. Any other Remarks:

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

Ar. VENKADESH.P. BARCH
 REGD ARCHITECT No-CA/2016/80021
 No.2055, Brooksdale Appasamy Apartment,
 Mahatma Gandhi Road, Sankara Nagar,
 Pammal, Chennai-600 075



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(Monthly Progress to be documented and submitted to the HOD by the Architect in charge of
Trainee of the Organization)

1. Name of the Office / Organization : **KHARCH & ASSOCIATES**
2. Address & Contact Number : **2/20, SHAFFEE MOHAMED, ROAD, CH-006**
3. Name of the Student : **SHIVYA RAJKUMAR**
4. Duration : From **04/02/23** To **06/03/23**
5. Total No. of days : **26 DAYS**
6. Evaluation of Performance Criteria shall be on

Description of works	Excellent	Good	Fair	Poor	NA
Office Culture Comprehension	✓				
Participation in the Office	✓				
Reading of Drawings		✓			
Presentation Techniques	✓				
Model Making		✓			
Understanding of Construction Details	✓				
Drafting Skills (Manual/Computer)	✓				
Site Supervision / Client Interaction Skills		✓			
Time Schedule Adherence	✓				
Other Computer Skills	✓				
Files and Office Maintenance		✓			
Coordination with other Consultants		✓			
Overall Grading*	83/90				

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month*

7. Any other Remarks:

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

P. Venkadesh P.

Ar. VENKADESH.P., B.Arch
REGD ARCHITECT No-CA/2016/80021
No.2055, Brookdale Appasamy Apartment,
Mahatma Gandhi Road, Sankara Nagar,
Pammal, Chennai-600 075



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PROFESSIONAL PRACTICAL TRAINING REPORT 2023

(Monthly Progress to be documented and submitted to the HOD by the Architect in charge of
Trainee of the Organization)

1. Name of the Office / Organization : KHARCHE & ASSOCIATES
2. Address & Contact Number : 2/20, SHAFEE MOHAMMED ROAD CH-006.
3. Name of the Student : SHIVYA RAJKUMAR
4. Duration : From 07/03/23 To 29/04/23
5. Total No. of days : 47 DAYS
6. Evaluation of Performance Criteria shall be on

Description of works	Excellent	Good	Fair	Poor	NA
Office Culture Comprehension	✓				
Participation in the Office	✓				
Reading of Drawings		✓			
Presentation Techniques		✓			
Model Making	✓				
Understanding of Construction Details	✓				
Drafting Skills (Manual/Computer)	✓				
Site Supervision / Client Interaction Skills	✓				
Time Schedule Adherence	✓				
Other Computer Skills		✓			
Files and Office Maintenance	✓				
Coordination with other Consultants	✓				
Overall Grading*	89/90				

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month*

7. Any other Remarks:

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

A. VENKADESH.P. BARCH
REGD ARCHITECT No-CA/2016/00021
No.2055, Brookdale Appasamy Apartment,
Mahatma Gandhi Road, Sankara Nagar,
Pammal, Chennai-600 075

ABOUT THE FIRM

Kharche & Associates is one of the leading national architecture design firms specializing in large-scale architecture and urban design projects in India. K&A has a diversified design portfolio encompassing varied project types such as information technology parks, BPO facilities, biotechnology parks, corporate offices, educational & medical campuses, residential condominiums, group housing projects, commercial & retail complexes, software technology parks, star hotels, resorts, hospitals, factories and various master plan layouts. K&A has resources for all related disciplines of architecture namely structural design, electrical design, sanitary & plumbing design, HVAC design, fire fighting systems, IBMS design and have in-house capabilities for interior design & 3-D simulated walkthroughs Archos Techno Solutions (P) Ltd.

They believe in quality design techniques through computerization processes to achieve cost effective construction. K&A also have a number of successful business partnerships with various international designers and engineers which does reflect its global awareness of architecture design and its effective implementation.

KHARCHE'S IDEOLOGY -

“ Everything is connected to everything else as the built form follows the function its intended for. On a more fundamental level, we consider good design to be design which truly embraces the needs of the user: the person or group who will use the space. We partner alongside the client to understand their need and analyze it together; and with our experience, we create new ideas for near perfect user experiences. Our core belief is that architecture and place-making matter, as much today as ever before. We believe that great buildings and spaces can inspire, influence and enhance the lives of their users and the community. Spaces for learning, for socializing, for work, contemplative spaces, and spaces to live and grow old in, must contribute to the positive qualities of life, productivity, and happiness of their occupants.”

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TYPE	WIDTH	HEIGHT	DESCRIPTION
D	1.50	2.10	DOUBLE DOOR
DOOR	0.90	2.10	DOOR
DOOR	1.20	2.10	DOOR
DOOR	0.90	2.10	OPENING
DOOR	1.50	2.10	OPENING
DOOR	1.20	1.37	WINDOW
DOOR	1.50	1.37	WINDOW
DOOR	1.80	1.37	WINDOW
DOOR	0.90	1.37	WINDOW
DOOR	1.50	1.37	STARCASE WINDOW
DOOR	0.60	1.50	VENTILATOR
DOOR	1.50	0.40	VENTILATOR
DOOR	0.60	0.91	VENTILATOR
DOOR	0.60	0.61	VENTILATOR
DOOR	0.80	2.10	LEFT DOOR
DOOR	3.00	2.10	PULLING SHUTTER
DOOR	2.40	2.10	ROLLING SHUTTER

- * MIRROR WITH PLYWOOD BACK @ 2030 FROM F.F.L
- * MIRROR LIGHT JUST ABOVE THE MIRROR
- * WASH BASIN TOP @ 850MM FROM F.F.L
- * WALL MOUNT CWC TOP @ 450MM FROM F.F.L
- * HEALTH FAUCET @ 450MM FROM F.F.L
- * BATH SPOUT @ 800MM FROM F.F.L
- * DIVERTER @ 150MM FROM F.F.L
- * SHOWER HEAD WITH SHOWER ARM BELOW FALSE CEILING
- * CONCEALED STERN / FLUSH @ 1000MM F.F.L
- * FLOOR TRAP
- * TOWEL RING @ 1100MM FROM F.F.L
- * TOWEL ROD @ 1300MM FROM F.F.L
- * URINAL @ 800MM FROM F.F.L

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Email: structural@designag.com

Arya Vaidya Sala
Kottakkal, Malappuram District,
Kerala - 676 503, India

Proposed Clinic cum Office Building
 District Branch, No. (Old) 877, (New)
 196, R.S. No.31/1, EVR Periyar Salai,
 Poonamallee High Road, Purusaiwakam
 Chennai 600 001.

Bedroom Toilet Details

JOB NO. DWG NO. REV 552 DD-15-R0

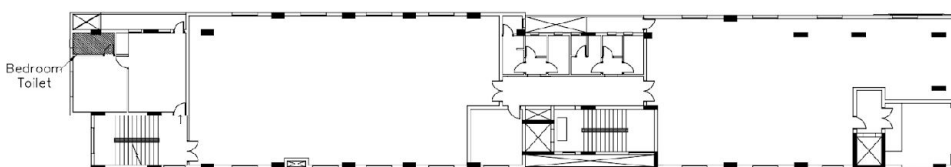
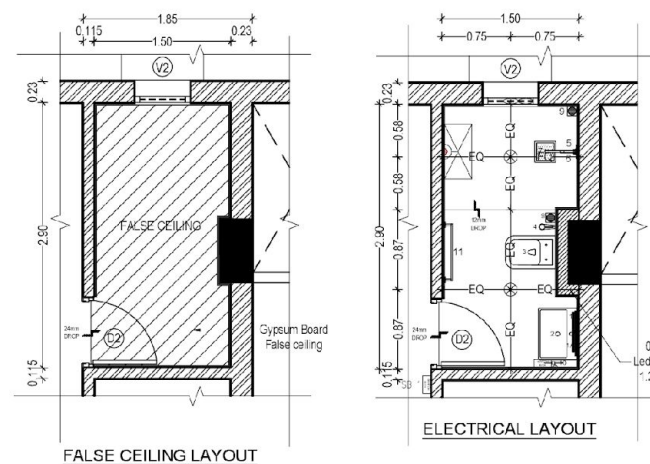
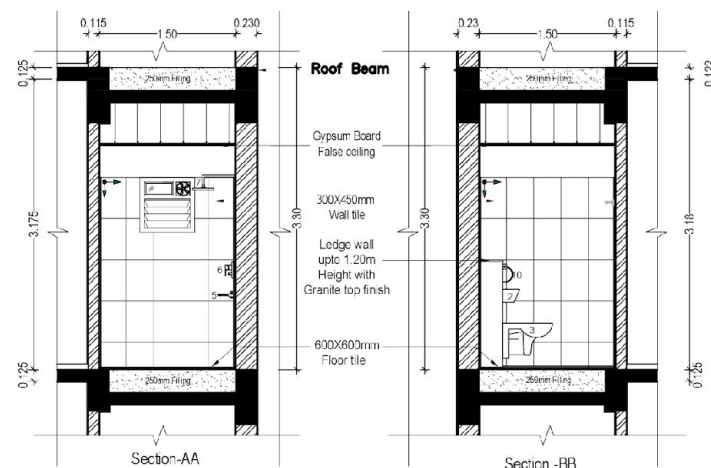
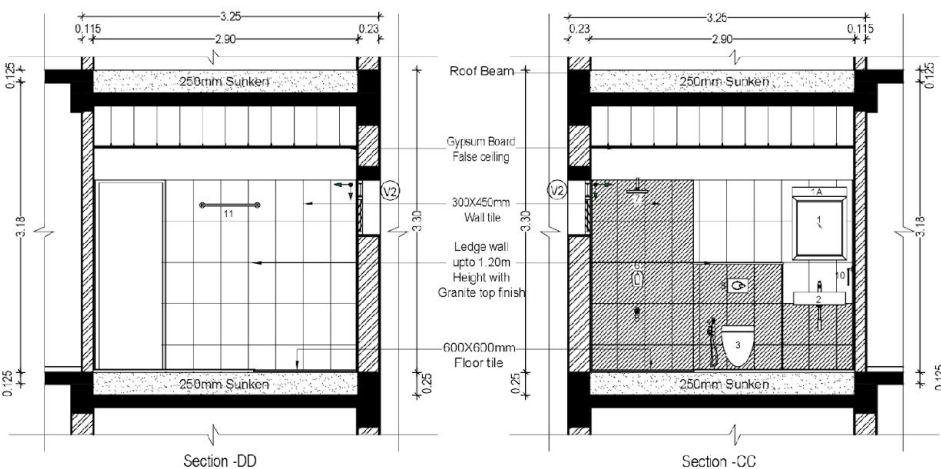
SHEET 15

DATE 18/04/2023

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CHK/APD PSK/RSPL

DRAWN SHIVYA RAJKUMAR

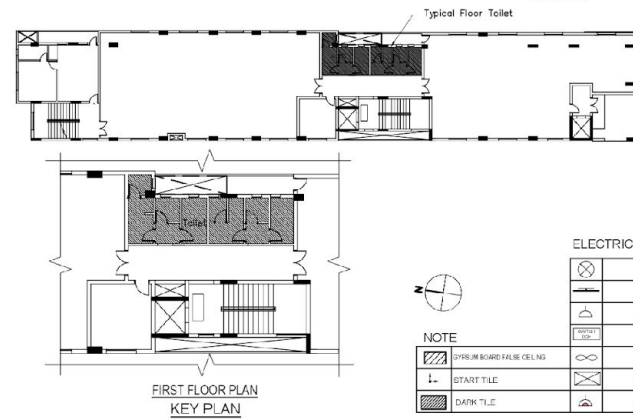


NOTE

	GYP'SUM BOARD FALSE CEILING		EXHAUST FAN
	START TILE		GEYSER
	DARK TILE		GEYSER POINT

	SPOT LIGHT
	MIRROR LIGHT
	SOCKET
	SWITCH BOX
	EXHAUST FAN
	GEYSER
	GEYSER POINT

Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and DCR Norms may cause the floor areas and design differs from those shown on this plan. The location of fixtures and fittings is subject to change on implication of allied building services. Furniture and appliance shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of Nis Kharache & Associates and may not be reproduced in whole or part without prior permission.



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TYPE	WOTH	HIGHT	DESCRIPTION
D	1.50	2.10	DOUBLE DOOR
BT	0.9E	4.10	DOOR
W	1.10	7.5	DOOR
OP	0.9C	2.10	OPENING
W	1.50	2.10	OPENING
W1	1.20	1.37	WINDOW
W2	1.50	1.37	WINDOW
W3	1.80	1.37	WINDOW
W4	0.9C	1.37	WINDOW
W5	1.50	1.37	WINDOW
V1	1.50	0.61	VENTILATOR
V2	1.50	0.49	VENTILATOR
V3	0.4C	0.91	VENTILATOR
V4	0.6C	0.61	VENTILATOR
LD	0.9C	2.10	LIFT DOOR
LS	1.4C	2.10	SHUTTER
RS	2.4C	2.10	ROLLING SHUTTER

- *. MIRROR WITH PLYWOOD BACK @ 2030 FROM F.F.L
- *A. MIRROR LIGHT JUST ABOVE THE MIRROR
- *2 WASH BASIN TOP @ 850MM FROM F.F.L
- *3 WALL MOUNT CWC TOP @ 450MM FROM F.F.L
- *4 HEALTH FAUCET @ 450MM FROM F.F.L
- *5 BATH SPOUT @ 800MM FROM F.F.L
- *6 DIVERTER @ 150MM FROM F.F.L
- *7 SHOWER HEAD WITH SHOWER ARM BELOW FALSE CEILING
- *8 CONCEAL CISTERN / FLUSH @ 1300MM F.F.L
- *9 FLOOR TRAP
- *10 TOWEL RING @ 1100MM FROM F.F.L
- *11 TOWEL ROD @ 1300MM FROM F.F.L
- *12 URINAL @ 800MM FROM F.F.L

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Kerala - 676 503, India

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Poonamallee High Road, Purusaiwakkam
Chennai 600 001.

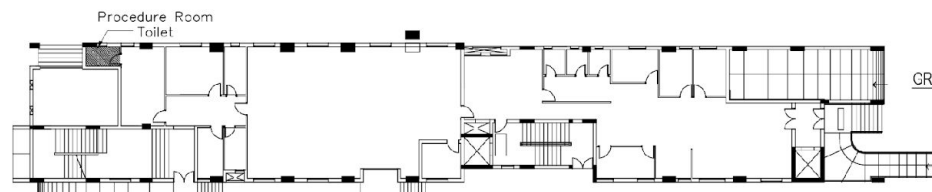
DEPT. OF THE ARMY, WASHINGTON, D. C.

JOB NO_ DWG NO_ RE

DATE 18/04/2023
SCALE 1:50

SCALE 1:50
CHK/APD PSK/RSPL

DRAWN SHIVYA RAJKUMAR



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1. MIRROR WITH PLYWOOD BACK @ 2000 FROM F.F.L
2. MIRROR LIGHT JUST ABOVE THE MIRROR
3. BATH TUB @ 950MM FROM BACK F.F.L
3. WALL MOUNT EWC TOP @ 450MM FROM F.F.L
4. HEAT FAUCET @ 450MM FROM F.F.L
5. BATH SPOUT @ 600MM FROM F.F.L
6. DIVERTER @ 1150MM FROM F.F.L
7. SHOWER HEAD WITH SHOWER ARM
950MM CONCEAL CEILING
8. CONCEAL CISTERN / FLUSH @ 1000MM F.F.L
9. FLOOR TRAP
10. TOWEL RING @ 1100MM FROM F.F.L
11. TOWEL RCD @ 1800MM FROM F.F.L
12. URINAL @ 950MM FROM F.F.L

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11th Cross, Malleswaram,
Bangalore, 560 003, Karnataka, India
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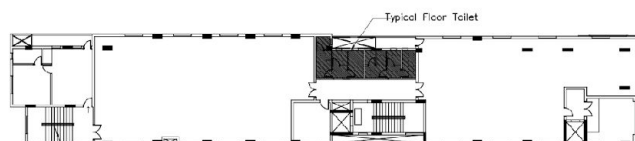
Office 30-600, 4th Floor, May
Anderson Apartments, Canal Area
Near Washington Point Pump, Wash., D.C.
Tel. 404/525-8827, 404/525-8898
Fax 404/525-8899

Arya Vaidya Sala
Kottakkal, Malappuram District,
Kerala - 676 503, India

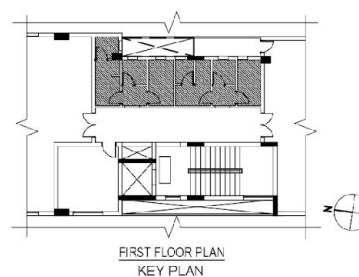
Central Branch, No. (Old) 877, (New)
195, R.S. No.31/1, EVR Periyar Salai,
Poonamallee High Road, Purusaiwakam,
Chennai 600 001.

Typical Floor Toilet Detail Phase

DRAWN SHIVYA RAJKUMAR

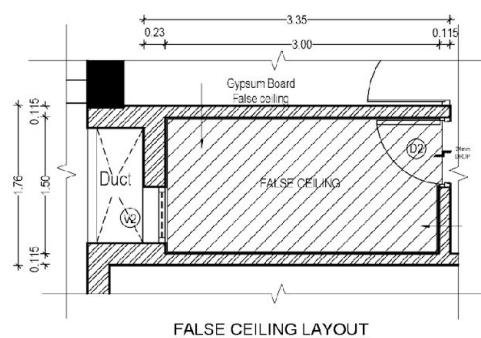


FIRST FLOOR PLAN
KEY PLAN

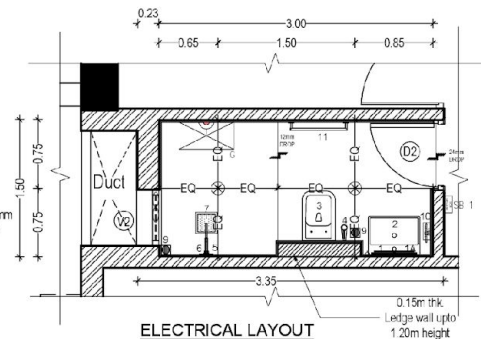


FIRST FLOOR PLAN
KEY PLAN

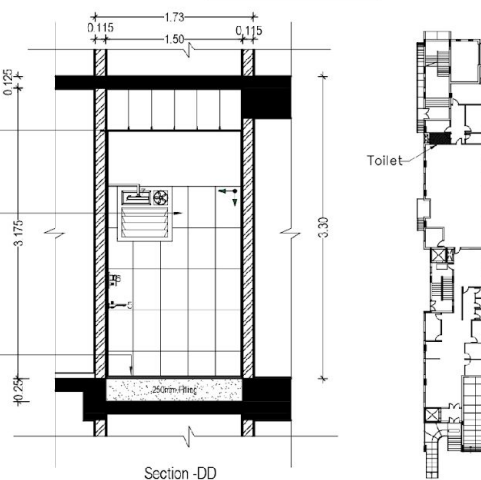
Disclaimer: This plan and/or elevations are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and BOCA Norms may cause the floor areas and building elevations from those shown on this plan. The location of fixtures and fittings is subject to change on implications of actual building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/S Khurshid & Associates and shall not be reproduced in whole or in part without their permission.



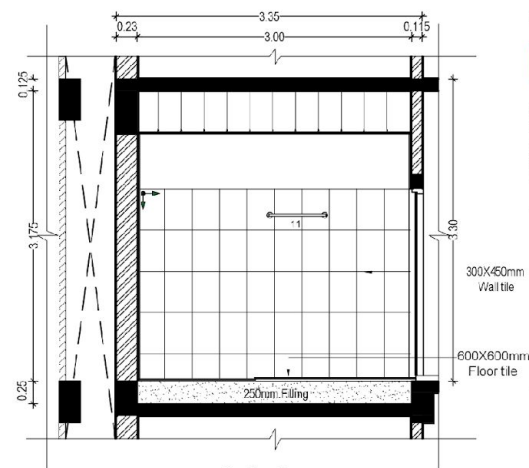
FALSE CEILING LAYOUT



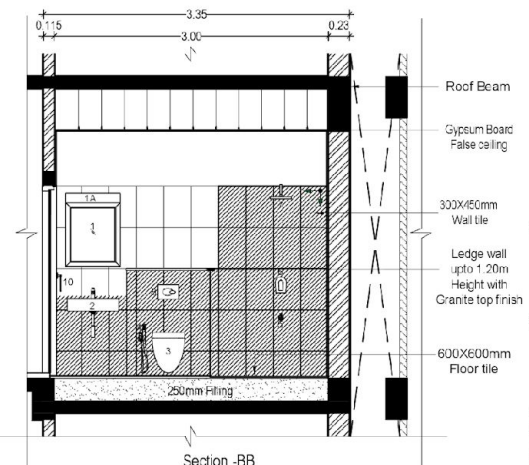
ELECTRICAL LAYOUT



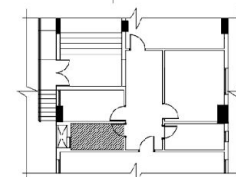
GROUND FLOOR PLAN-CLINIC
KEY PLAN



Section-AA



Section -BB



GROUND FLOOR PLAN-CLINIC
KEY PLAN

CHK/APD PSK/RSPL
DRAWN SHIVYA RAJKUMAR

	GEYSER
	GEYSER POINT



Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and DCR Norms may cause the floor areas and design differs from those shown on this plan. The location of fixtures and fittings is subject to change on implication of allied building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of Nis Kharacle & Associates and may not be reproduced in whole or part without prior permission.

GROUND FLOOR PLAN
KEY PLAN

PROJECT
Proposed Clinic cum Office Building
Mental Branch, No. (Old) 877, (New)
195, R.S. No.31/1, EVR Periyar Salai,
Poonamallee High Road, Purusalkkam,
Chennai 600 001.

TITLE

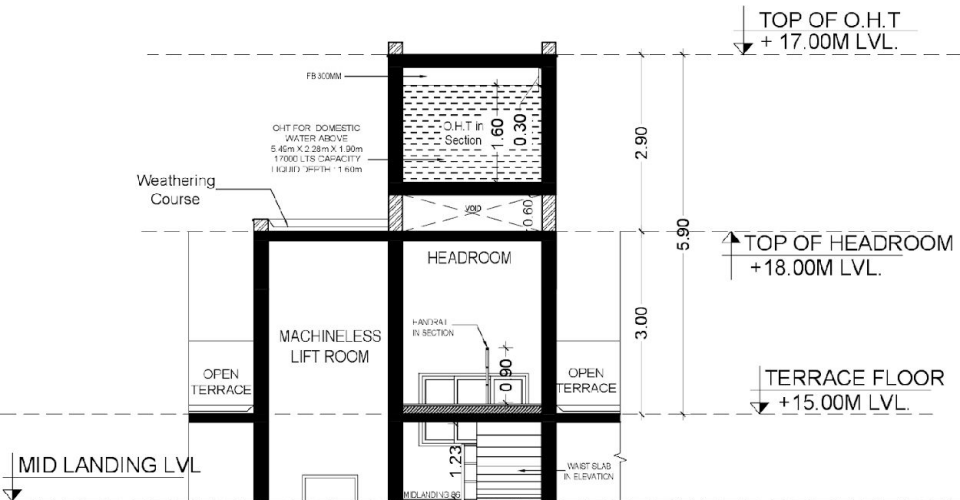
Ground Floor Toilet Details

JOB NO_ DWG NO_ REV

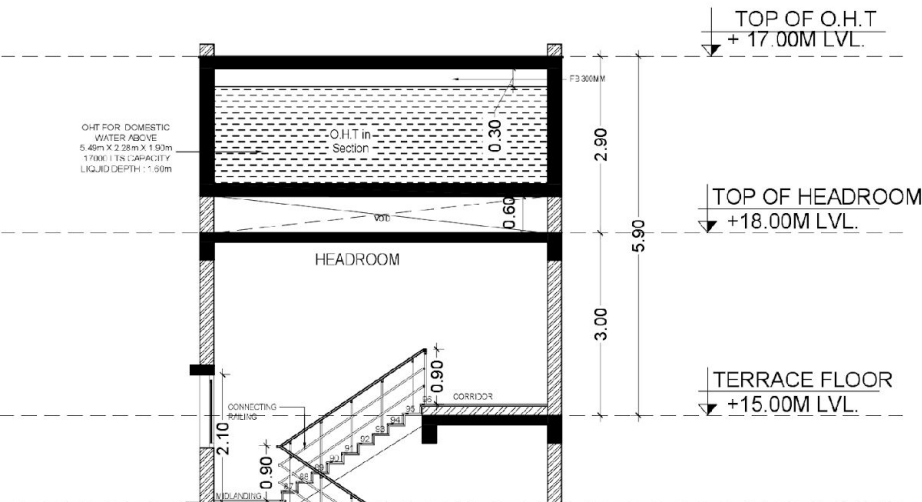
DATE 18/04/2023

CHK/APD PSK/RSPL
DRAWN SHIVYA RAJKUMAR



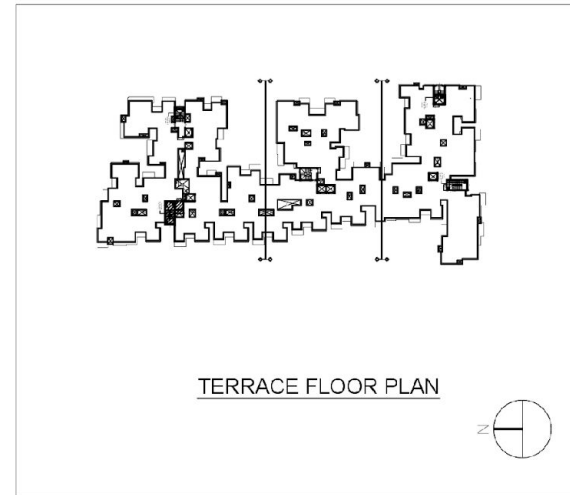


SECTION AA



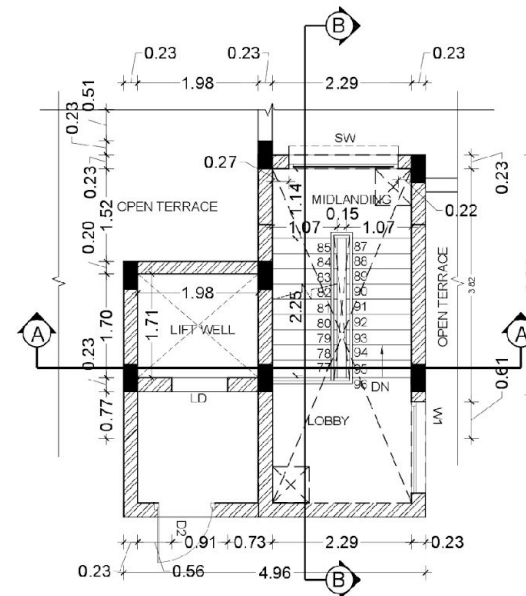
SECTION BB

Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and DCR Norms may cause the floor areas and design differs from those shown on this plan. The location of fixtures and fittings is subject to change on implication of allied building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/s Kharche & Associates and may not be reproduced in whole or part without prior permission.



TERRACE FLOOR PLAN

KEY PLAN



TERRACE FLOOR PLAN

ARCHITECT



2/20 Shafie Mohamed Road,
Chennai - 600 006, India

+91 44 2829 1291 / 3874 / 3261
info@kharche.com
www.kharche.com

REVISION	REMARKS	DATE
----------	---------	------

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
MD	1.00	2.10	MAIN DOOR
D1	0.90	2.10	DOOR
D2	0.75	2.10	DOOR
GD	2.10	2.10	DOOR
LD	0.90	2.10	LIFT DOOR
SD	3.00	2.10	SUNNING DOOR
SD1	1.50	2.10	SUNNING DOOR
OP	2.30	2.10	OPENING
OP1	2.20	2.10	OPENING
OP2	1.20	2.10	OPENING
OP3	0.90	2.10	OPENING
W	1.80	1.85	WINDOW
W1	1.80	1.20	WINDOW
W2	1.50	1.20	WINDOW
W3	1.35	1.20	WINDOW
W4	1.20	1.20	WINDOW
W5	0.75	1.20	WINDOW
W6	0.60	1.20	WINDOW
LW	0.75	1.20	LOUVERED WINDOW

MEP CONSULTANT



Optimal MEP Consultants
Door No. 216, 17th Street, D.O.C.,
Lokesh Nagar, Chennai-32
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Mobile: 9840404040
Ph: 044 22333666

STRUCTURAL CONSULTANT



DESIGNAGE
Consulting International Engineers
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Nandambam, Chennai - 600 036, India
Ph: 044-40007800 / 400036 India
Email: admin@designage.com

DEVELOPER

DRA RAJITHA SOUTHCITY
PROJECTS PVT. LTD.,
No. 100, Anna Salai,
Nandambam, Chennai - 600 036, India
Ph: 044-40007800 / 400036 India
Email: admin@draajitha.com

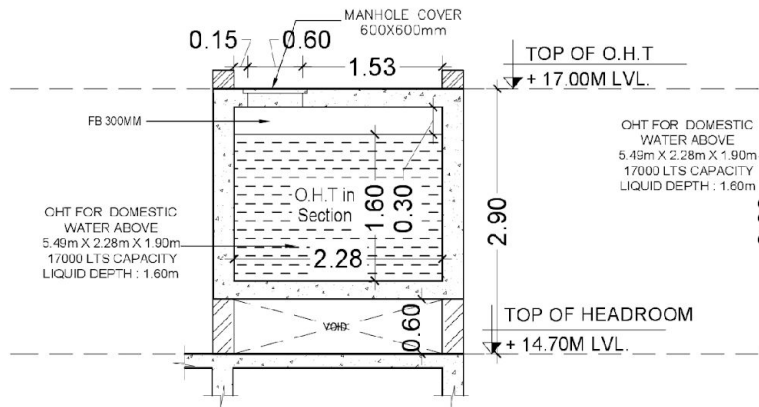
PROJECT

PROPOSED RESIDENTIAL CONDOMINIUM @
KODAMBAKKAM, CHENNAI

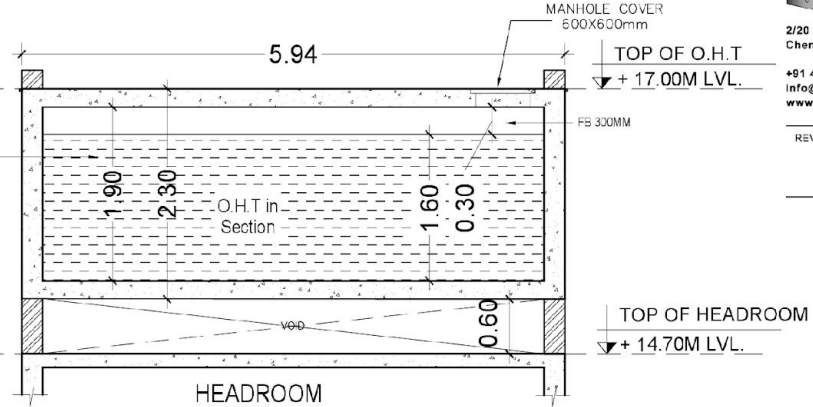
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HEADROOM DETAIL
774-AD-502

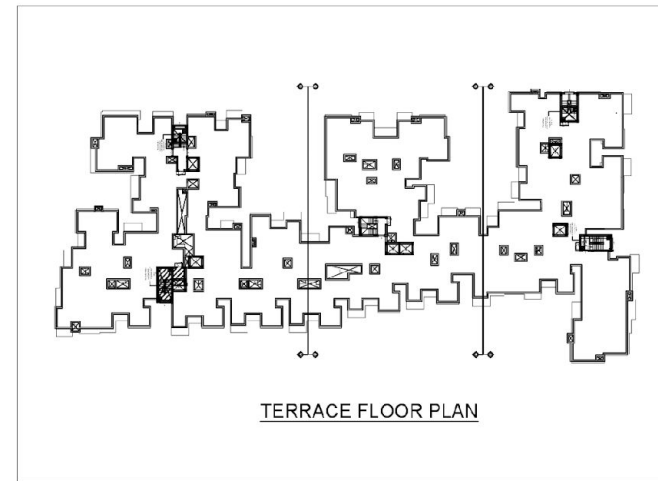
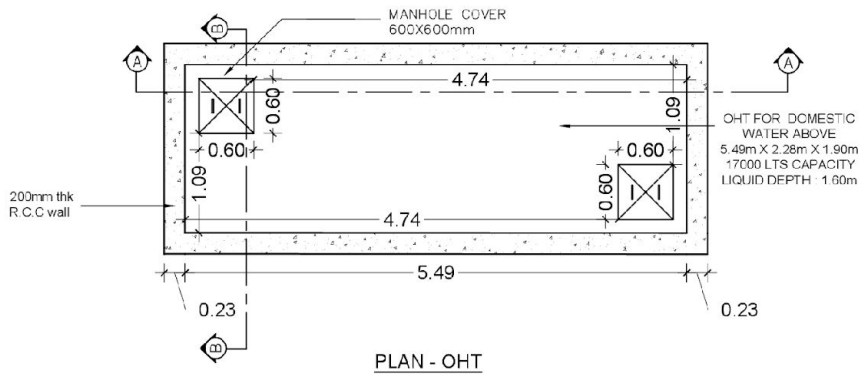
PAGE 14
SHEET A3
SCALE 1:100
DATE 31/03/2023
DRAWN SIVYA RAJAKUMAR



SECTION AA



SECTION BB



KEY PLAN - OHT

Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and DCR Norms may cause the floor areas and design differs from those shown on this plan. The location of fixtures and fittings is subject to change on implication of allied building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/s Kharche & Associates and may not be reproduced in whole or part without prior permission.

ARCHITECT



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www.kharche.com

REVISION REMARKS DATE

SCHEDULE OF JOINERY				
TYPE	WIDTH	HEIGHT	DESCRIPTION	
M/D	60	210	MAIN DOOR	
D	60	210	DOOR	
D1	60	210	DOOR	
D2	60	210	DOOR	
D3	675	210	DOOR	
F/D	215	210	FOLDING DOOR	
L/D	60	210	LIFT DOOR	
S/D	240	210	SLIDING DOOR	
D/D	200	210	DOUBLE DOOR	
W	210	120	WINDOW	
W1	65	120	WINDOW	
W2	50	180	WINDOW	
W3	50	120	WINDOW	
W4	50	120	WINDOW	
W5	50	120	WINDOW	
W6	50	120	WINDOW	
K/W	50	60	KITCHEN WINDOW	
F/W	60	185	FIRE FIGHTER WINDOW	
F/D	310	210	FIXED GLASS WINDOW	
P/D	280	210	FIXED GLASS WINDOW	
F/D	210	210	FIXED GLASS WINDOW	
L/W	675	120	LOUVER GLASS WINDOW	
V	675	60	VENTILATOR	
V1	60	60	VENTILATOR	

MEP CONSULTANT



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PROVIDING THE DESIGN PROFESSIONAL LIMITED

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DEVELOPER



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Ph: +91 44 4560 7800 (48 Lines) Fax: +91 44 2434 1896
Email: admin.chennai@dshahomes.in

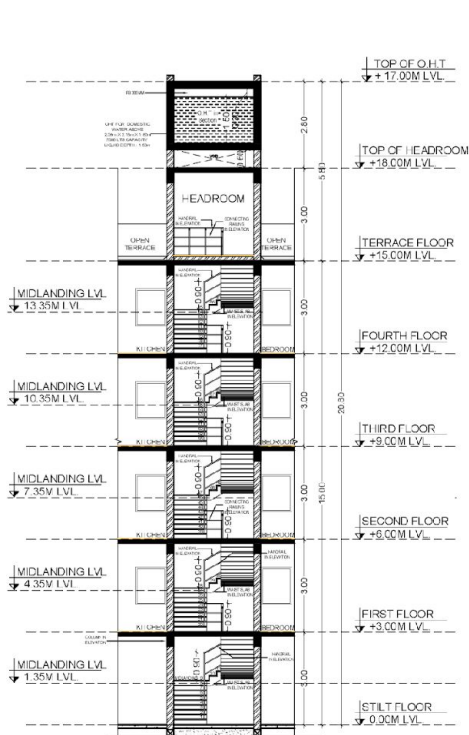
PROJECT

Proposed Residential condominium
Avadi, Chennai.

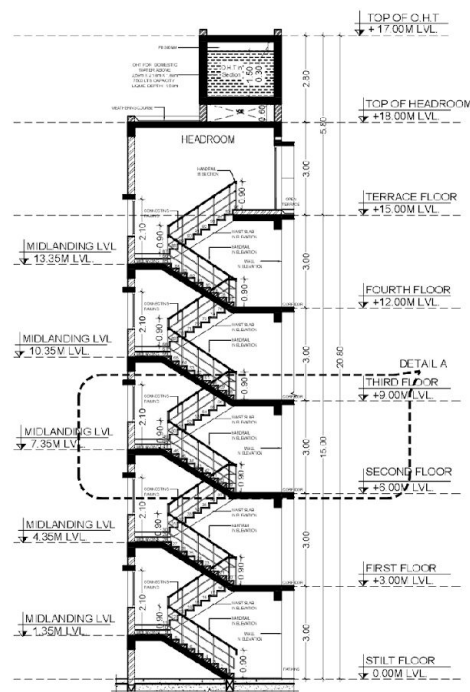
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BLOCK-3
STAIRCASE DETAIL

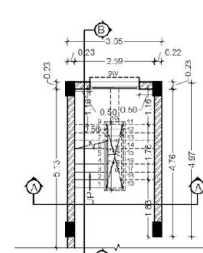
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SCALE 1:100
DATE 31/03/2023
DRAWN SHIVYA RAJKUMAR



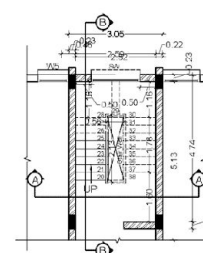
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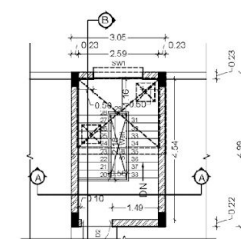
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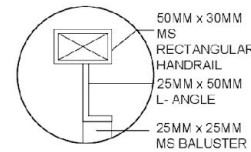
STILT FLOOR PLAN



TYPICAL FLOOR PLAN
(1ST TO 4TH FLOOR)



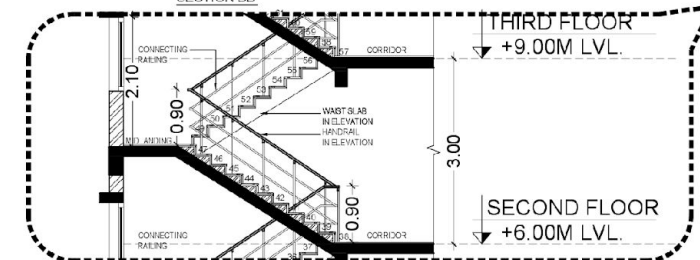
TERRACE FLOOR PLAN



DETAIL - A



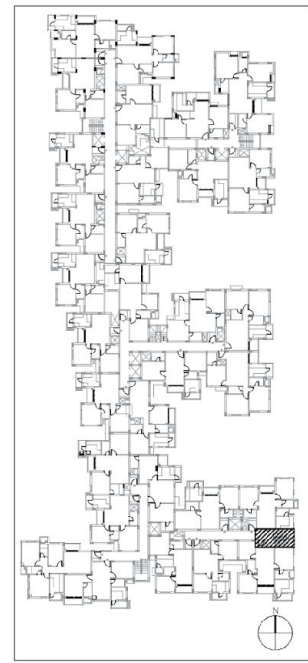
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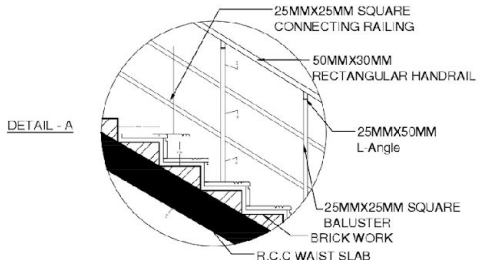
DETAIL A

THIRD FLOOR
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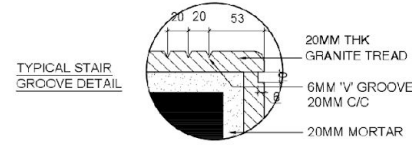
SECOND FLOOR
+6.00M LVL.



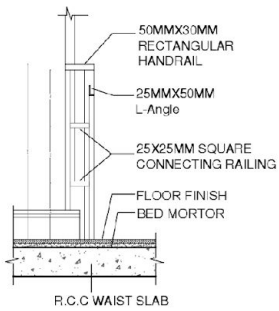
KEY PLAN



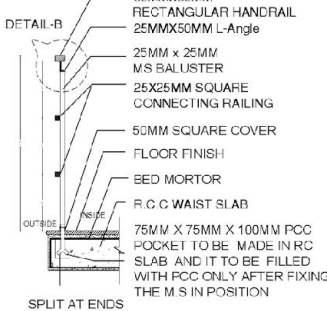
DETAIL - A



TYPICAL STAIR
GROOVE DETAIL

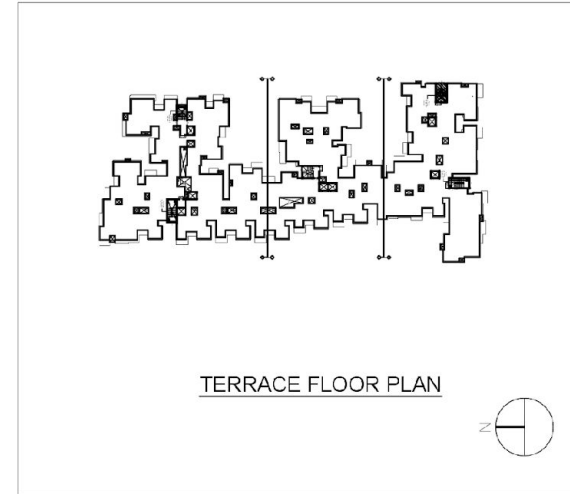
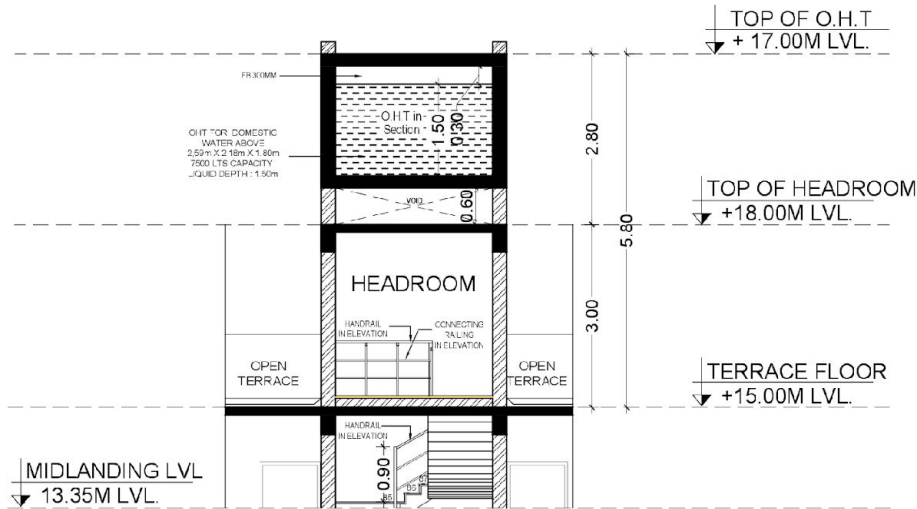


R.C.C. WAIST SLAB



SPLIT AT ENDS
HANDRAIL SECTION

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KEY PLAN

ARCHITECT



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Chennai - 600 006, India

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REVISION REMARKS DATE

SCHEDULE OF JOINERY			
TYPE	WIDTH	HEIGHT	DESCRIPTION
MU	1.00	2.10	MAIN DOOR
D1	0.90	2.10	DOOR
D2	0.75	2.10	DOOR
GD	2.10	2.10	DOOR
LD	0.90	2.10	LIFT DOOR
SD	3.00	2.10	SLIDING DOOR
SD1	1.50	2.10	SLIDING DOOR
OP	2.30	2.10	OPENING
OP1	2.20	2.10	OPENING
OP2	1.20	2.10	OPENING
OP3	0.90	2.10	OPENING
W	1.80	1.85	WINDOW
W1	1.80	1.20	WINDOW
W2	1.50	1.20	WINDOW
W3	1.35	1.20	WINDOW
W4	1.20	1.20	WINDOW
W5	0.75	1.20	WINDOW
W6	0.60	1.20	WINDOW
LW	0.75	1.20	LOUVERED WINDOW

MEP CONSULTANT



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Lokesh Nagar, Chennai-32
Mail: optimal@optimalmep.com
Mail: optimal@optimalmep.com
Ph: 044 22333666

STRUCTURAL CONSULTANT



DESIGN AGE
Consulting Structural Engineers
Office No-02, 4B, Plot, Stage-6,
Kodambakkam, Chennai-40
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Fax: 044-2600-7902
Email: info@designage.com

DEVELOPER



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16, Park View Complex, II,
No. 48, Anna Salai,
Kodambakkam, Chennai - 600 036, India
Ph: 044-4060-7900 / 044-4060-7901
Email: admin@draadithyan.com

PROJECT

PROPOSED RESIDENTIAL CONDOMINIUM @
KODAMBAKKAM, CHENNAI

TITLE

HEADROOM DETAIL
774-AD-502

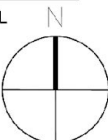
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SHEET A3

SCALE 1:100

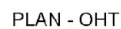
DATE 31/03/2023

DRAWN SIVYA RAJAKUMAR



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KEY PLAN - OHT



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MEP Consultants

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DESIGNAGE
Consulting Structural Engineers
Office No-402, 4th Floor, 889-C,
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DRA DRA AADITHYA SOUTH CITY
PROJECTS PVT. LTD.,
1st Floor, Khuvraj Complex - II,
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Nandambam, Chennai - 600 035, India.
Ph. (044-5569 7890 (43 lines)) Fax: (044-2434 31)
Email: - adn@chennai.draadithyapvt.com

PROPOSED RESIDENTIAL CONDOMINIUM
@ KODAMBAKKAM, CHENNAI.

OVERHEAD TANK DETAIL
774-AWD-503

DATE 31/03/2023

DRAWN SHIVYA RAJKUMAR

1. MIRROR WITH FLYWOOD BACK @ 2000 FROM F.F.L
- 1a. MIRROR LIGHT JUST ABOVE THE MIRROR
2. WASH BASIN TOP @ 850MM FROM F.F.L
3. TOWEL RING @ 1100 FROM F.F.L (As per Section)
4. WALL MOUNT EWC TOP @ 450MM FROM F.F.L
5. HEAT "FALUCE" @ 450MM FROM F.F.L
6. TOWEL ROD @ 1200MM FROM F.F.L (As per Selection)
7. INVERTER @ 1150MM FROM F.F.L
8. HAND SHOWER @ 1150MM FROM F.F.L
9. BATH SPOUT @ 900MM FROM F.F.L
10. SHOWER @ FALSE CEILING BOTTOM FROM F.F.L
11. FLOOR TRAP (As per Selection)

	START TILE
	SPOT LIGHT
	MIRROR UNIT
	SOCKET
	SWITCH BOX
	EXHAUST FAN
	GEYSER
	GEYSER POINT

ENGINEERING SERVICES (P) LTD
No.177 | 3rd floor, SFI Complex
Valluvar kottam high road, Nungambakkam,
Chennai - 600 034. Ph :- 044 - 64621545
Email :- chennai@sumanam.org.

 Module no.15, Carment complex,
Sidos Industrial Estate,
Guindy, Chennai- 600 032.
E-mail: jkc_chennai@yahoo.co.in
jkcchennai@gmail.com

KG DEVELOPERS & PROMOTERS
Marble Arch, Ground Floor #5, Bishop Walls
Avenue(E) Mylasore, Chennai - 600 034 in
Tamil Nadu
Phone: 1 0144 2499 9999

Proposed Residential condominium
@ TTK Road, Chennai.

TOILET DETAILING
780-AD-301

DATE 27/05/2023
DRAWN SHIVYA RAJKUMAR



KEY PLAN

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
D2	0.75	2.10	DOOR
LW	0.75	1.20	LOUVERED WINDOW

FITTINGS HEIGHTS (FOR REFERENCE)

- MIRROR WITH FLOOR TO BACK @ 2000 FROM F.F.L
- MIRROR WITH FLOOR TO BACK @ 2000 FROM F.F.L
- WASH BASIN TOP @ 850MM FROM F.F.L
- TOWEL RING @ 1100 FROM F.F.L (As per Section)
- WALL MIRROR TOP @ 2000MM FROM F.F.L
- HEAT TREATING @ 850MM FROM F.F.L
- TOWEL RING @ 1100MM FROM F.F.L
- TOILET SHOWER @ 1100MM FROM F.F.L
- BATH SHOWER @ 1100MM FROM F.F.L
- SHOWER @ 1100MM FROM F.F.L
- FLOOR TRAP (As per Section)
- TOILET TRAP (As per Section)

ELECTRICAL LEGEND

	SPOT LIGHT
	WINDOW LIGHT
	SWITCH
	SWITCH BOX
	ELECTRICAL FAN
	DOOR
	SECTION POINT

MEP CONSULTANT

SUMANAM
 ENGINEERING SERVICES (P) LTD
 No.177/3rd floor, SFI Complex
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 Chennai - 600 034 Ph - 044 - 64521545
 Email - chenna@sumanam.org

STRUCTURAL CONSULTANT

JEROMATHING ENGINEERING CONSULTANTS PVT. LTD

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 jec_chennai@gmail.com

DEVELOPER

KG DEVELOPERS & PROMOTERS
 10th floor, Ground Floor #5, Shop, Nallur,
 Avenue (E) Mysore, Chennai - 600 034 India
 Phone: 12144 2499 9992

PROJECT

Proposed Residential condominium
 @ TTK Road, Chennai.

TITLE

TOILET DETAILING
 780-AD-301

PAGE 01
 SHEET A3
 SCALE 1 : 50

DATE 29/03/2023

DRAWN SHIVYA RAJKUMAR



SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
D2	0.75	2.10	DOOR
LW	0.75	1.20	LOUVERED WINDOW

FITTINGS HEIGHTS (FOR REFERENCE)

- MIRROR WITH F.WOOD BACK @ 200 FROM F.F.L
- MIRROR LIGHT JUST ABOVE THE MIRROR
- WASH-BASIN TOP @ 850MM FROM F.F.L
- WALL MIRROR TOP @ 100 FROM F.F.L (As per Section)
- HEAT T.F. PLATE @ 800MM FROM F.F.L
- TOMEL ROD @ 200MM FROM F.F.L (As per Section)
- TOILET ROD @ 150MM FROM F.F.L
- HAND SHOWER @ 150MM FROM F.F.L
- BATH SHOWER @ 200MM FROM F.F.L
- SHOWER @ 150MM FROM F.F.L
- FLOOR TRAP (As per Section)
- TOILET ROD @ 150MM FROM F.F.L (1000MM - 1)

ELECTRICAL LEGEND

	START TILE
	SPOT LIGHT
	WINDOW LIGHT
	SOCKET
	SWITCH BOX
	EXHAUST FAN
	GEYSER
	GEYSER PORT

MEP CONSULTANT

SUMANAM

ENGINEERING SERVICES (P) LTD
 No.177 / 3rd floor, SFI Complex
 Valluvar kottam high road, Nungambakkam,
 Chennai - 600 034 Ph - 044 - 64521545
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STRUCTURAL CONSULTANT

JERVOYARKING ENGINEERING CONSULTANTS PVT. LTD

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 Email jec_chenna@shoo.co.in
 jec.chenna@gmail.com

DEVELOPER

 **KG DEVELOPERS & PROMOTERS**
 1st floor, Arcot Ground Floor #5, Shishoo, Nallur,
 Avenue (E) Mysore, Chennai - 600 034 India
 Phone: 12144 2499 9992

PROJECT

Proposed Residential condominium
 @ TTK Road, Chennai.

TITLE

TOILET DETAILING
 780-AD-301

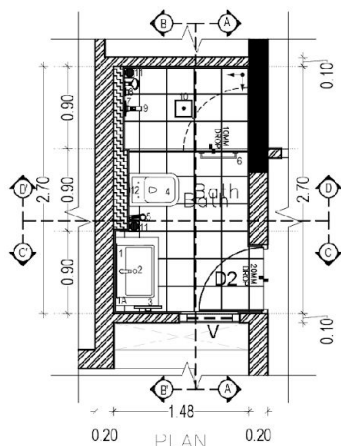
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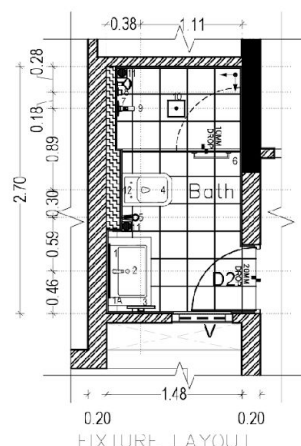
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DATE 03/04/2023

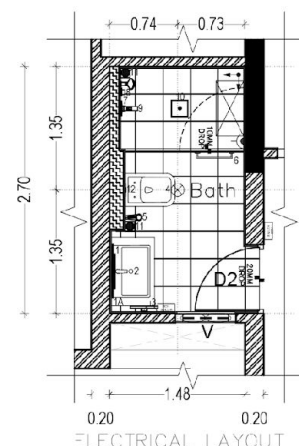
DRAWN SHIVYA RAJKUMAR



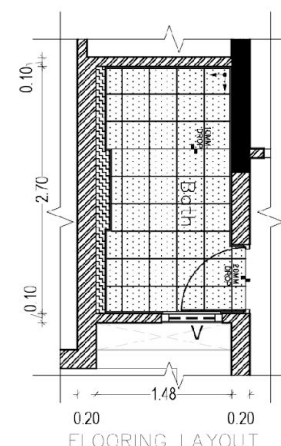
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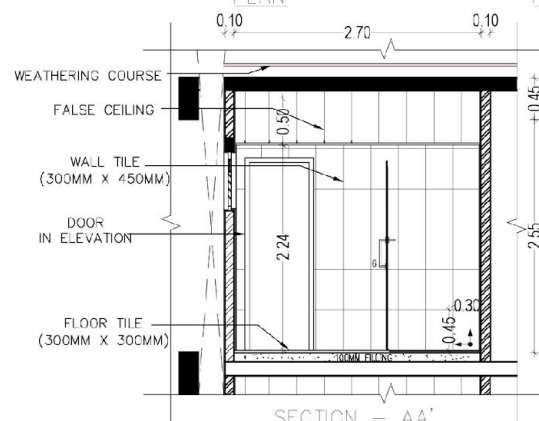
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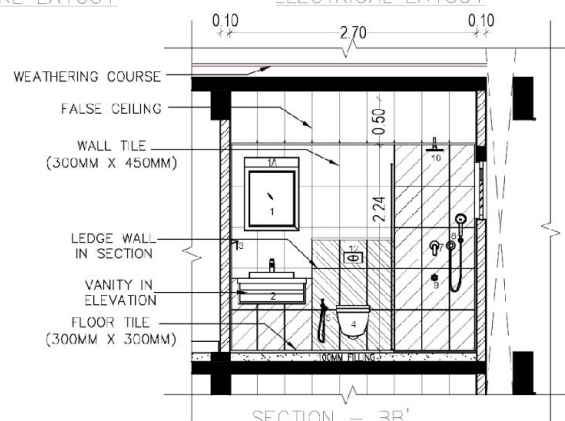
ELECTRICAL LAYOUT



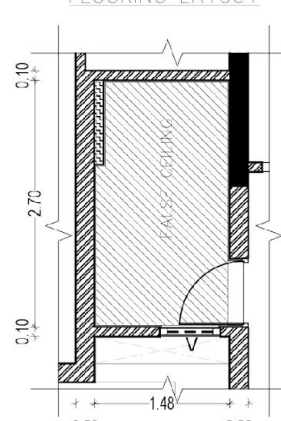
FLOORING LAYOUT



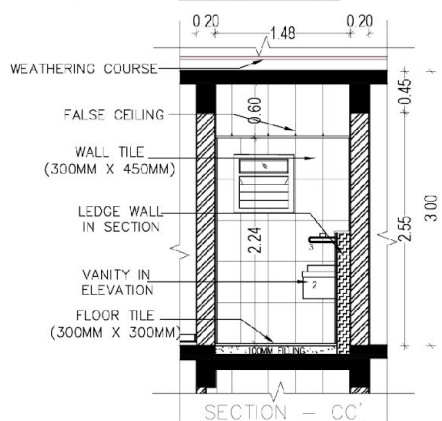
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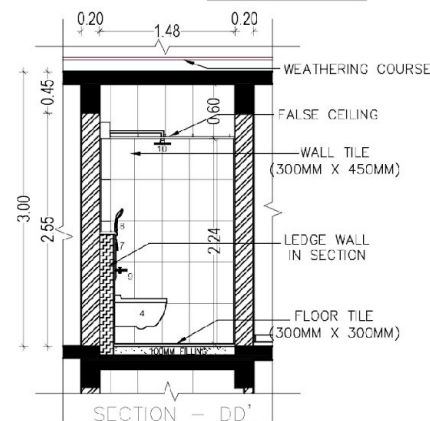
SECTION - BB'



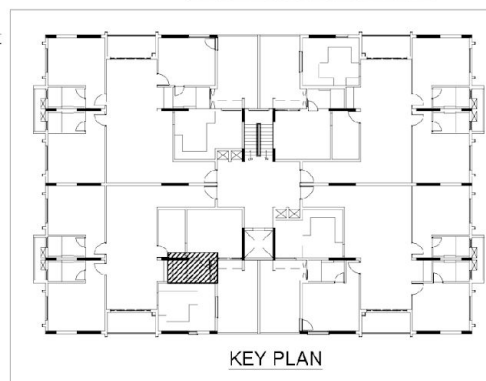
FALSE CEILING LAYOUT



SECTION - CC'



SECTION - DD'



KEY PLAN

www.kharche.com

SCHEDULE OF JOINTS			
TYPE	WIDTH	HEIGHT	DESCRIPTION
D2	0.75	2.10	DOOR
LW	0.75	1.20	LOUVERED WINDOW

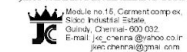
1 MIRROR WITH FLYWOOD BACK @ 2000 FROM F.F.L
1a MIRROR LIGHT JUST ABOVE THE MIRROR
2 WASH BASIN TOP @ 850MM FROM F.F.L
3 TOWEL RING @ 1100 FROM F.F.L (As per Section)
4 WALL MOUNT EWC TOP @ 450MM FROM F.F.L
5 HEAT "H FAUCET" @ 450MM FROM F.F.L
6 TOWEL ROD @ 1200MM FROM F.F.L (As per Section)
7 OVERSTOCK @ 1650MM FROM F.F.L

	START TILE
	SPOT LIGHT
	MIRROR UNIT
	SOCKET
	SWITCH BOX
	EXHAUST FAN
	GEYSER
	GEYSER POINT

SUMANAM

ENGG. SUMANAM ENGINEERING SERVICES (P) LTD
No.177 | 3rd floor, SFI Complex
Valluvar kottam high road, Nungambakkam,
Chennai - 600 034. Ph :- 044 - 64621545
Email :- chennai@sumanam.org.

JEHOVAH KING ENGINEERING CONSULTANTS PVT. LTD



^

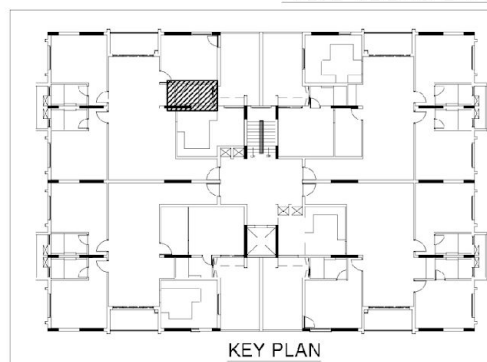
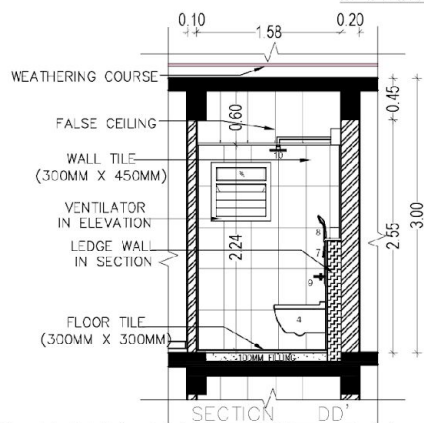
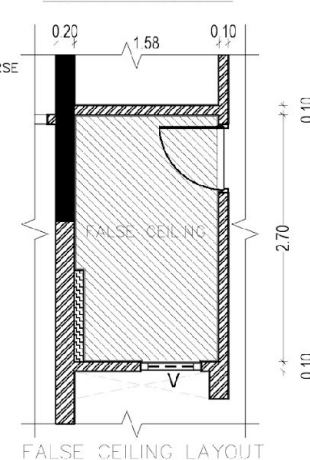
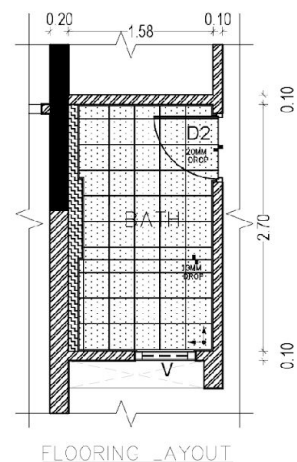
KG DEVELOPERS & PROMOTERS
Marble Arch, Ground Floor #5, Bishop Wallers
Avenue(E) Mylapore, Chennai - 600 004 India
Phone: 19144 2499 9999

Proposed Residential condominium
@ TTK Road, Chennai.

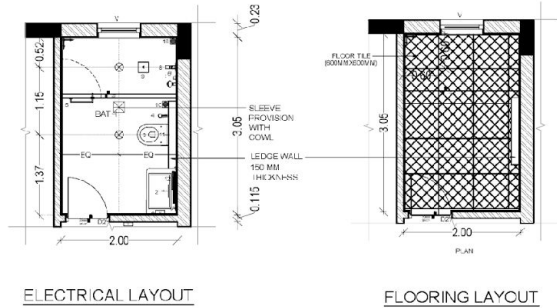
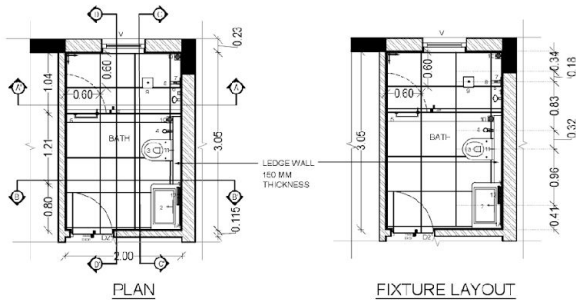
TOILET DETAILING
780-AD-301

SHEET AS
SCALE 1 : 50
DATE 03/04/2023

DRAWN SHIVYA RAJKUMAR



Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and DCR Norms may cause the floor areas and design differs from those shown on this plan. The location of fixtures and fittings is subject to change on implication of allied building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/s Kharche & Associates and may not be reproduced in whole or part without prior permission.

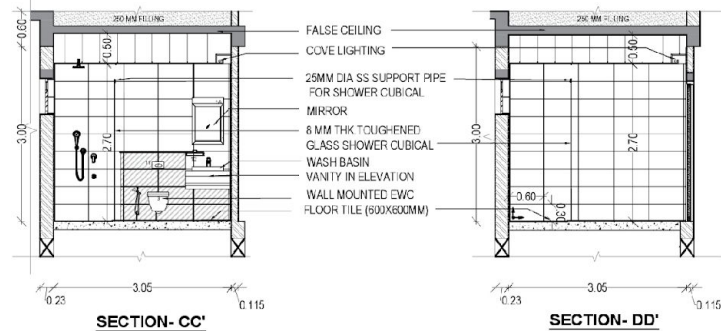
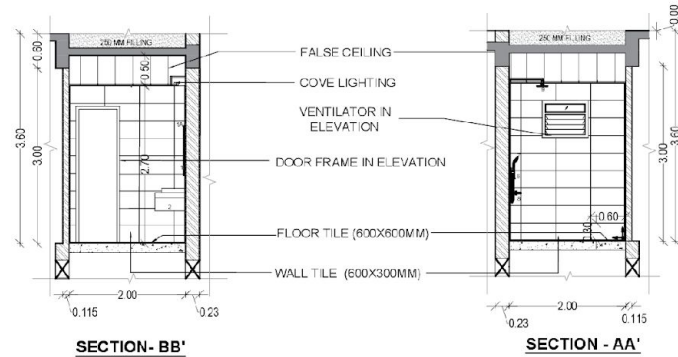


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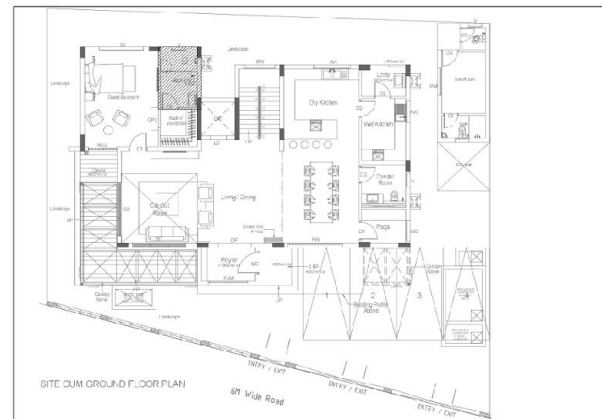
	FLOOR TILE (600MM X 600MM)
	ANTISKID VITRIFIED TILE
	WALL TILE (300MM X 600MM)
	RUSTIC FINISH VITRIFIED TILE
	FALSE CEILING

ELECTRICAL LEGEND

	START TILE
	SPOT LIGHT
	MIRROR LIGHT
	SOCKET
	SWITCH BOX
	EXHAUST FAN
	COVE LIGHT



KEY PLAN



ARCHITECT



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www.kharche.com

REVISION REMARKS DATE

TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	1.00	2.4	DOOR
V	0.75	0.60	VENTILATOR

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	1.00	2.4	DOOR
V	0.75	0.60	VENTILATOR

FITTINGS HEIGHTS (FOR REFERENCE)

- MIRROR WITH PL WOOD BACK @ 2000 FROM F.F.L
- MIRROR LIGHT JUST ABOVE T.E. MIRROR
- WASH BASIN TOP @ 800MM FROM F.F.L
- WALL MOUNT EWC TOP @ 400MM FROM F.F.L
- HEALTH FAUCET @ 400MM FROM F.F.L
- TOWEL RACK @ 1000MM FROM F.F.L (As per Selection)
- DIVERTER @ 1400MM FROM F.F.L
- HAND SHOWER @ 1500MM FROM F.F.L
- BATH SCUT @ 800MM FROM F.F.L
- SHOWER @ FALSE CEILING BOTTOM FROM F.F.L
- 100MM HIGH (As per Selection)
- CONCEAL CISTERN / FLUSH @ 1000MM F.F.L
- TOWEL ROD @ 2000MM FROM F.F.L (As per Selection)

MEP CONSULTANT



Optimal MEP Consultants
E-202, 2nd Floor, 30-C,
Chennai, Chennai-600 006
Mob: 98401 11111, 98401 11112
Mail: info@optimalmepe.com
Web: www.optimalmepe.com

STRUCTURAL CONSULTANT



Design Ace Structural Engineers
E-202, 2nd Floor, 30-C,
Chennai, Chennai-600 006
Mob: 98401 11111, 98401 11112
Mail: info@designace.com
Web: www.designace.com

PROJECT

BBCL PLOT A
Proposed Villa Development
@ Kottivakkam, Chennai.

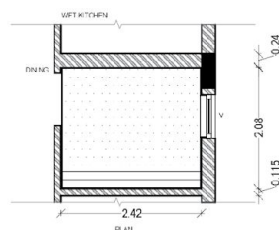
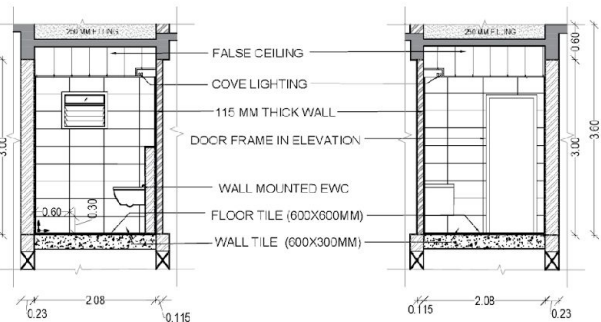
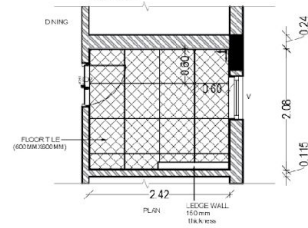
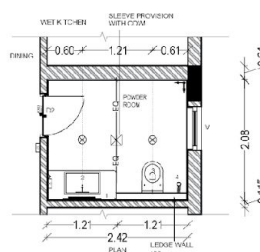
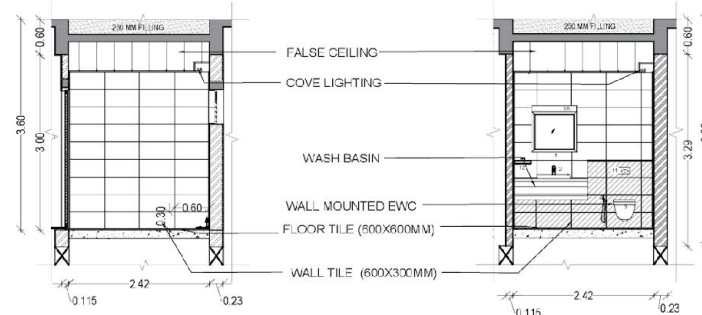
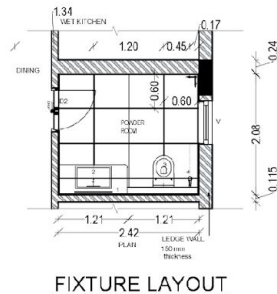
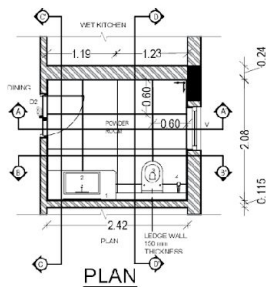
TITLE

**PLOT-A BBCL TOILET
DETAILING**

PAGE 01
SHEET A4
SCALE 1:100
DATE 16/01/2023
DRAWN SHIVYA R



Disclaimer: This plan and section are prepared based on the schematic plan prior to construction of the project and is indicative only. Design changes and ECFE forms may cause the floor area and design details from these documents to change. The location of fixtures and fittings is subject to change on implementation of actual building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/s Kharche & Associates and may not be reproduced in whole or part without prior permission.



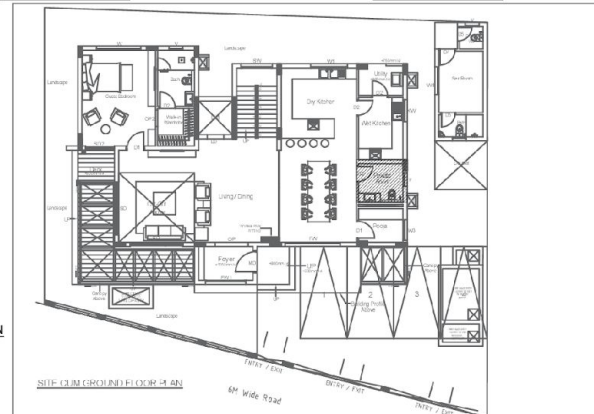
NOTE

	FLOOR TILE(600MMX600MM) ANTISKID VITRIFIED TILE
	WALL TILE(300MMX600MM) RUSTIC FINISH VITRIFIED TILE
	FALSE CEILING

ELECTRICAL LEGEND

	START TILE
	SPOT LIGHT
	MIRROR LIGHT
	SOCKET
	SWITCH BOX
	EXHAUST FAN
	COVE LIGHT

KEY PLAN



Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and DCB norms may cause the floor areas and design differs from those shown on this plan. The location of fixtures and fittings is subject to change on implication of actual building services. Furniture and appliances shown are not indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/s Kharche & Associates and may not be reproduced in whole or part without prior permission.

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info@kharche.com
www.kharche.com

REVISION	REMARKS	DATE
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SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	1.00	2.4	DOOR
V	0.75	0.60	VENTILATOR

FITTINGS HEIGHTS (FOR REFERENCE)

1. MIRROR WITH PL WOOD BACK @ 2000 FROM F.F.L
2. MIRROR LIGHT JUST ABOVE T.E. MIRROR
3. WASH BASIN TOP @ 850MM FROM F.F.L
4. W.C. MOUNT EWC @ 1000MM FROM F.F.L
5. HEALTH FAUCET @ 400MM FROM F.F.L
6. TOWEL ROD @ 1200MM FROM F.F.L (As per Selection)
7. DIVERTER @ 1500MM FROM F.F.L
8. H.A.C SHOWER @ 1500MM FROM F.F.L
9. BATH SCUT @ 600MM FROM F.F.L
10. SHOWER @ FALSE CEILING BOTTOM FROM F.F.L
11. -1 C.O.R TRAP (As per Selection)
12. CONCEAL CISTERN / FLUSH @ 1000MM FROM F.F.L

MEP CONSULTANT



Optimal MEP Consultants
Door No : 230, 17th Street, D.O.C.,
New Delhi - 110002

STRUCTURAL CONSULTANT



PROJECT

BBCL PLOT A

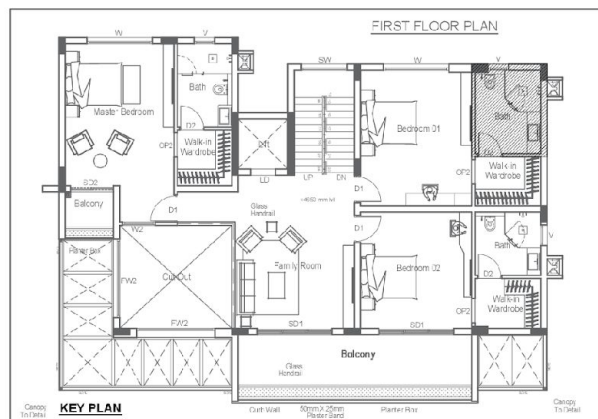
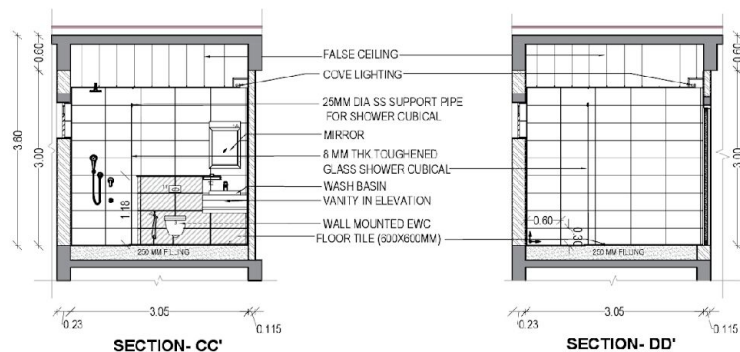
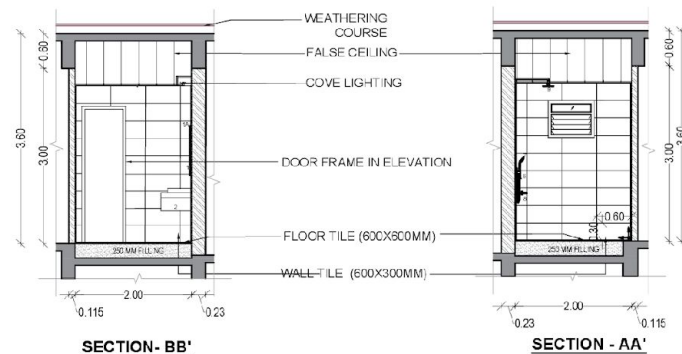
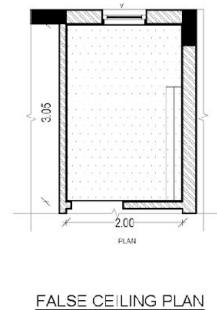
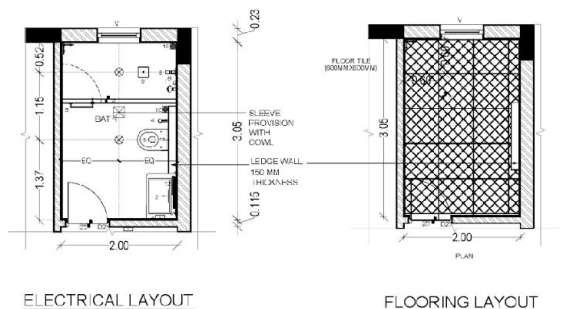
Proposed Villa Development
@ Kottivakkam, Chennai.

TITLE

PLOT -A BBCL TOILET DETAILING

PAGE	01
SHEET	M
SCALE	1:100
DATE	21/01
DRAWN	SHIV





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www.kharche.com

REVISION	REMARKS	DATE
----------	---------	------

TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	1.00	2.4	DOOR
V	0.75	0.60	VENTILATOR

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	1.00	2.4	DOOR
V	0.75	0.60	VENTILATOR

FITTING3 HEIGHTS (FOR REFERENCE)

1. MIRROR WITH PLYWOOD BACK @ 2000 FROM F.F.L
2. MIRROR LIGHT JUST ABOVE THE MIRROR
3. WASH BASIN TOP @ 850MM FROM F.F.L
4. WALL MOUNT EVC TOP @ 450MM FROM F.F.L
5. HEALTH FAUCET @ 450MM FROM F.F.L
6. TOWEL ROD @ 1200MM FROM F.F.L (As per Selection)
7. DIVERTER @ 1150MM FROM F.F.L
8. H.A.C SHOWER @ 1500MM FROM F.F.L
9. BATH SCUT @ 900MM FROM F.F.L
10. SHOWER @ 50MM SECOND BOTTOM FROM F.F.L
11. CHAIR TRAY (As per Selection)
12. CONCEAL CISTERN / FLUSH @ 1000MM F.F.L
13. TOWEL ROD @ 2200MM FROM F.F.L (As per Selection)

MEP CONSULTANT



Optimal MEP Consultants
Door No: 23C, 17th Street, D.O.C,
Ekkattuthangal, Chennai-52
E-mail: projects@optimalmep.com
E-mail: gobinath@optimalmep.com

STRUCTURAL CONSULTANT



Office No-402, 4th Floor, Wing-C,
Autumn Apartments, Canal Road,
Near Vaidyanath Petrol Pump, Wazir, Pune-411005
Tel-9013279807, 9011018000
Email : stefanpune@gmail.com
Web : www.stefanpune.com

PROJECT

BBCL PLOT A

Proposed Villa Development
@ Kottivakkam, Chennai.

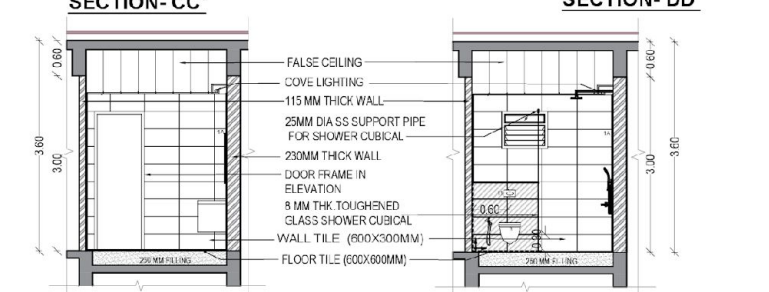
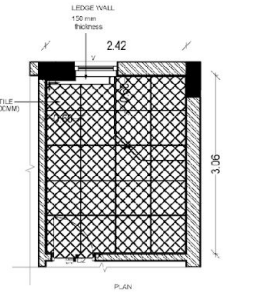
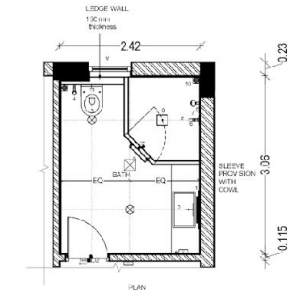
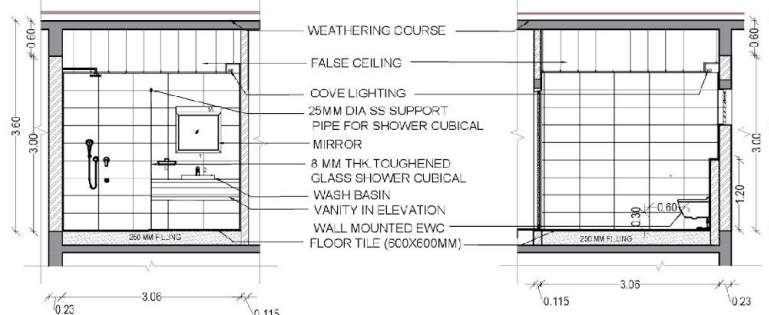
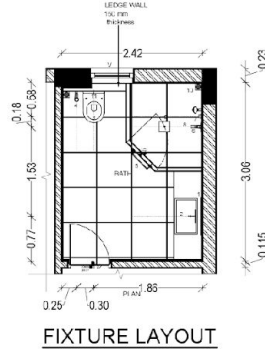
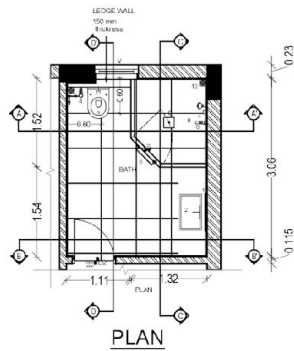
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PLOT -A BBCL TOILET
DETAILING

PAGE	01
SHEET	M
SCALE	1:100
DATE	27/01/2023
DRAWN	SHIVYA R



Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and DCEN/owner may cause the final areas and design differs from those shown on this plan. The location of features and fittings is subject to change on implication of actual building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/s Kharche & Associates and may not be reproduced in whole or part without owner permission.

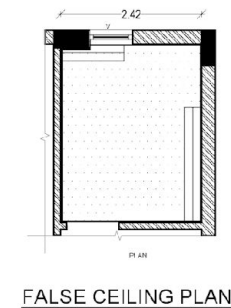


ELECTRICAL LAYOUT

FLOORING LAYOUT

SECTION-BB'

SECTION-AA'



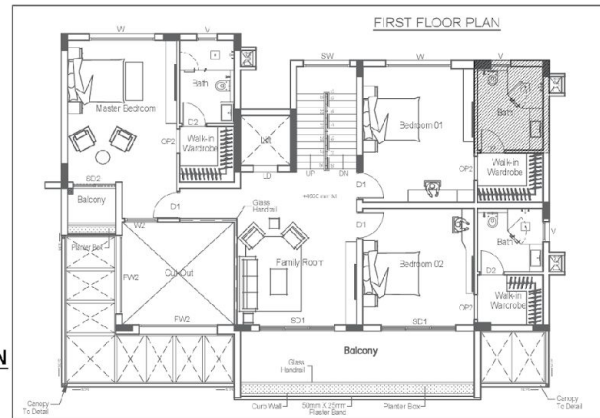
NOTE

	FLOOR TILE (600MMX600MM)
	ANTISKID VITRIFIED TILE
	WALL TILE (300MMX600MM)
	RUSTIC FINISH VITRIFIED TILE
	FALSE CEILING

ELECTRICAL LEGEND

	START TILE
	SPOT LIGHT
	MIRROR LIGHT
	SOCKET
	SWITCH BOX
	EXHAUST FAN
	COVE LIGHT

KEY PLAN



ARCHITECT



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Chennai - 600 006, India

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info@kharche.com
www.kharche.com

REVISION	REMARKS	DATE
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SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
D2	2.4	0.60	DOOR
V	0.75	0.60	VENTILATOR

- FITTINGS HEIGHTS (FOR REFERENCE)**
- MIRROR WITH PL WOOD BACK @ 2000 FROM F.F.L
 - MIRROR LIGHT JUST ABOVE T.E. MIRROR
 - WASH BASIN TOP @ 850MM FROM F.F.L
 - WALL MOUNT EWC TOP @ 400MM FROM F.F.L
 - HEALTH FAUCET @ 400MM FROM F.F.L
 - TOWEL ROD @ 1200MM FROM F.F.L (As per Selection)
 - DIVERTER @ 1500MM FROM F.F.L
 - HAND SHOWER @ 1500MM FROM F.F.L
 - BATHSCUT @ 800MM FROM F.F.L
 - SHOWER @ FALSE CEILING BOTTOM FROM F.F.L
 - 11.1000 INCH (As per Selection)
 - CONCEAL CISTERN / FLUSH @ 1000MM F.F.L
 - TOWEL ROD @ 2000MM FROM F.F.L (As per Selection)

MEP CONSULTANT



STRUCTURAL CONSULTANT



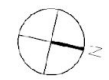
PROJECT

BBCL PLOT A
Proposed Villa Development
@ Kottivakkam, Chennai.

TITLE

**PLOT-A BBCL TOILET
DETAILING**

PAGE	01
SHEET	M
SCALE	1:100
DATE	03/02/2023
DRAWN	SHIVYA R



Disclaimer: This plan and section are prepared based on the schematic plan prior to construction of the project and is indicative only. Design changes and EDCS forms may cause the final structure and design to differ from those shown on this plan. The location of fixtures and fittings is subject to change on completion of final building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the property of M/s Kharche & Associates and may not be reproduced in whole or part without prior permission.

PLAN

FIXTURE LAYOUT

ELECTRICAL LAYOUT

FLOORING LAYOUT

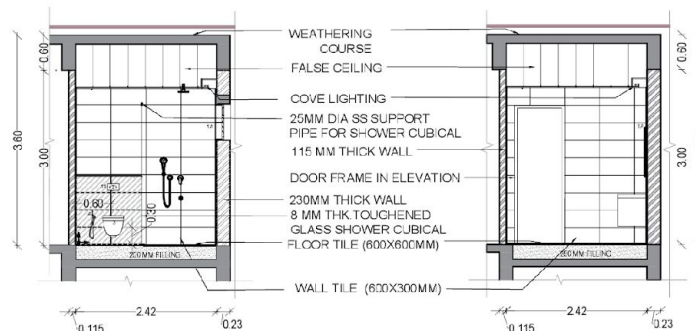
FALSE CEILING PLAN

NOTE	
	FLOOR TILE (600MMX600MM) ANTISKID VITRIFIED TILE
	WALL TILE (300MMX600MM) RUSTIC FINISH VITRIFIED TILE
	FALSE CEILING

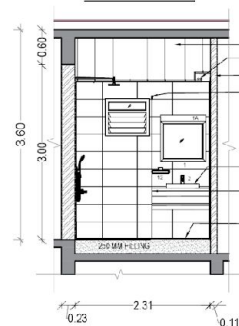
ELECTRICAL LEGEND

	START TILE
	SPOT LIGHT
	MIRROR LIGHT
	SOCKET
	SWITCH BCX
	EXHAUST FAN
	COVE LIGHT

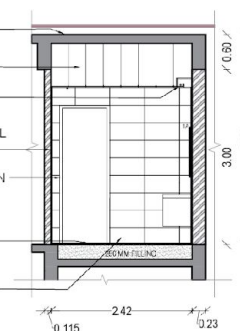
KEY PLAN



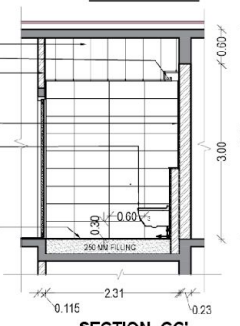
SECTION- AA'



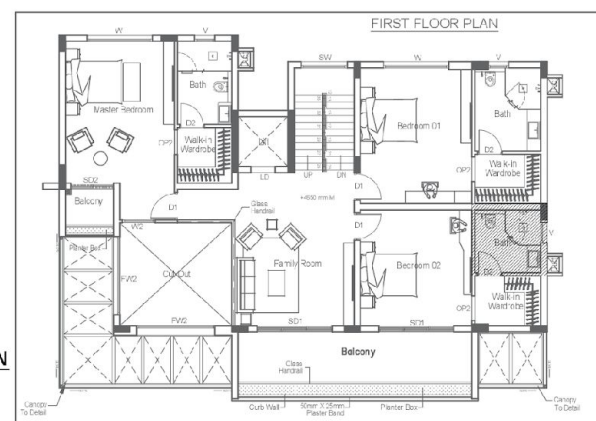
SECTION- DD



SECTION- BB



SECTION- CC'



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ARCHITECT



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info@kharche.com
www.kharche.com

REVISION	REMARKS	DATE
----------	---------	------

SCHEDULE OF JOINERY			
TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	1.00	2.4	DOOR
V	0.75	0.60	VENTILATOR

FITTINGS HEIGHTS (FOR REFERENCE)

1. MIRROR WITH PLYWOOD BACK @ 2000 FROM F.F.L
2. MIRROR LIGHT JUST ABOVE T-MIRROR
3. WASH BASIN, TOP @ 850MM FROM F.F.L
4. WALL MOUNT EWC, TOP @ 450MM FROM F.F.L
5. HEALTH FAUCET @ 450MM FROM F.F.L
6. TOWEL RACK @ 1300MM FROM F.F.L (As per Selection)
7. DIVERTER @ 1150MM FROM F.F.L
8. HAND SHOWER @ 1150MM FROM F.F.L
9. BATH SCOUT @ 600MM FROM F.F.L
10. SHOWER @ FALSE CEILING BOTTOM FROM F.F.L
11. -1 C/OX THAIL (As per Selection)
12. CONCRETE CISTERN / FLUSH @ 1000MM F.F.L

MEP CONSULTANT



Optimal MEP Consultants
Door No: 240, 17th Street, B.O.C.,
Ukaturbhangal Chennai-32
Mail: projects@optimalnep.com
Mail: ecbhat@optimalnep.com

STRUCTURAL CONSULTANT



Ashwath Apartments, Canal Road,
 Near Vardhman Polio Pump, Marja, Pune-411005
 Tel-02010779037, 02010180306
 Email - ashwathapartments@gmail.com

PROJECT

BBCL PLOT A

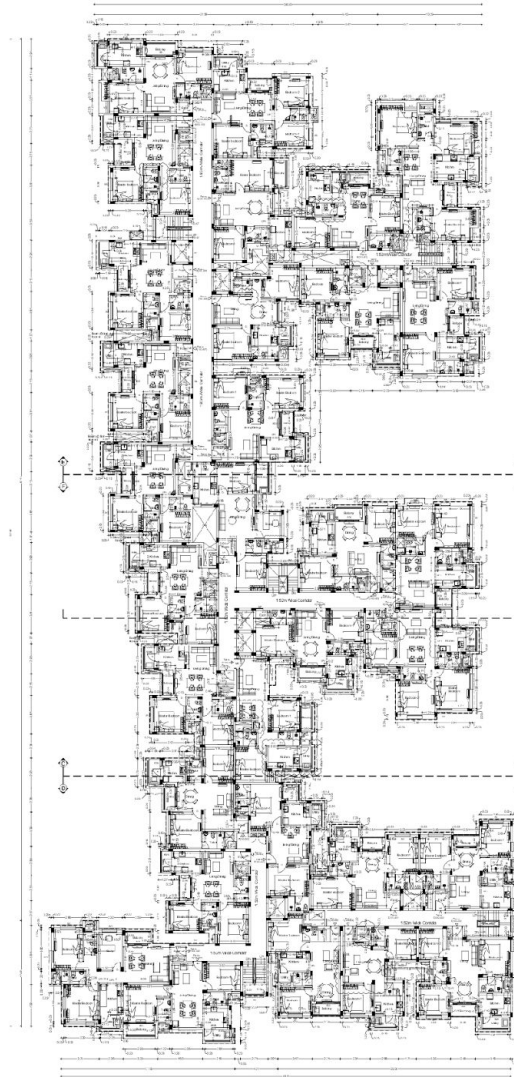
Proposed Villa Development
@ Kottivakkam, Chennai.

TITLE

PLOT -A BBCL TOILET DETAILING

PAGE	01
SHEET	M
SCALE	1:100
DATE	07/02
DRAWN	SHIV





TYPICAL FLOOR PLAN (1ST-4TH)

ARCHITECT



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info@kharche.com
www.kharche.com

REVISION	REMARKS	DATE
----------	---------	------

SCHEDULE OF JOINERY			
TYPE	WIDTH	HEIGHT	DESCRIPTION
MD	1.00	2.10	MAIN DOOR
D	1.00	2.10	DOOR
D1	0.75	2.10	DOOR
D2	1.00	2.10	DOOR
L1	0.90	2.10	SLEEPING DOOR
B1	2.00	2.10	SLEEPING DOOR
B2	2.00	2.10	SLEEPING DOOR
R1	2.00	2.10	SLEEPING DOOR
S1	2.00	2.10	SLEEPING DOOR
S2	2.00	2.10	SLEEPING DOOR
S3	1.00	2.10	SLEEPING DOOR
S4	1.00	2.10	SLEEPING DOOR
S5	1.00	2.10	SLEEPING DOOR
S6	1.00	2.10	SLEEPING DOOR
CP	1.00	2.10	CHURCH
CP1	0.90	2.10	CHURCH
CP2	0.90	2.10	CHURCH
W	1.00	1.00	WINDOW
W1	1.00	1.00	WINDOW
W2	1.00	1.00	WINDOW
W3	1.00	1.00	WINDOW
W4	1.00	1.00	WINDOW
W5	1.00	1.00	WINDOW
W6	0.90	1.00	WINDOW
W7	0.90	1.00	WINDOW
W8	0.90	1.00	WINDOW
W9	0.90	1.00	WINDOW
W10	0.90	1.00	WINDOW
W11	0.90	1.00	WINDOW
KW1	1.00	0.90	KITCHEN WINDOW
KW2	1.00	0.90	KITCHEN WINDOW
KW3	1.00	0.90	KITCHEN WINDOW
KW4	0.90	0.90	KITCHEN WINDOW
KW5	0.90	0.90	KITCHEN WINDOW
KW6	0.90	0.90	KITCHEN WINDOW
SW	1.00	1.00	STAIRCASE WINDOW
SW1	1.00	1.00	STAIRCASE WINDOW
V	0.90	0.90	VENTILATOR
V1	0.90	0.90	VENTILATOR
V2	0.90	0.90	VENTILATOR
LW	0.90	1.00	LOUNGE WINDOW
LW1	0.90	1.00	LOUNGE WINDOW

MEP CONSULTANT



STRUCTURAL CONSULTANT

DEVELOPER

PROPOSED RESIDENTIAL COMDOMINIUM

@ PALERIPATTU, CHENNAI

TITLE

BLOCK - 03

TYPICAL FLOOR PLAN)

779 - AWD - 1002

PAGE 02

SHEET A0

SCALE 1:100

DATE 02/04/2023

DRAWN SHIVYA RAJKUMAR



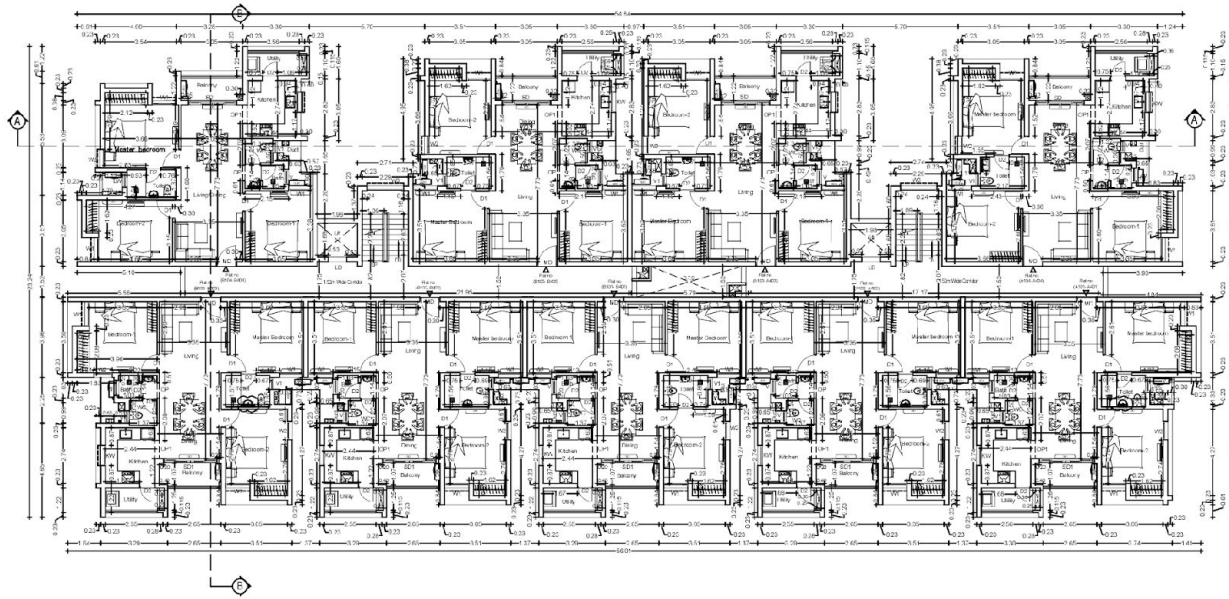
ARCHITECT



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REVISION REMARKS DATE



TYPICAL FLOOR PLAN

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
M3	1.60	2.10	MAIN FLYER
D	1.20	2.10	DOOR
D'	0.80	2.10	DOOR
L2	1.10	2.10	LUCKY
L3	0.80	2.10	LIFT DOOR
SU	2.40	2.10	SULTING LOOK
RE1	0.60	2.10	BLOCK DOOR
W1	1.90	1.20	WINDOW
W2	0.50	1.20	WINDOW
W3	1.60	1.20	STAIRCASE WINDOW
PH	0.90	0.90	HYDRO WINDOW
OP	0.75	1.20	OPENING
OP1	0.60	1.20	OPENING
LW	0.75	1.20	LOUVERED WINDOW
V	0.75	0.60	VENTILATOR
V'	0.60	0.60	VENTILATOR

MEP CONSULTANT



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Website: www.jaysciviltechdesign.com

DEVELOPER

DRA ADDITHYA SOUTH CITY
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1st Floor, Rajiv Gandhi Complex - II,
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Nandanam, Chennai - 600 035, India
Ph: 044-4560 7800 (48 Lines) Fax: 044-2434 1686
Email: admin.chennai@drahomes.in

PROJECT

PROPOSED RESIDENTIAL
CONDOMINIUM @ PALER PATTU,
CHENNAI.

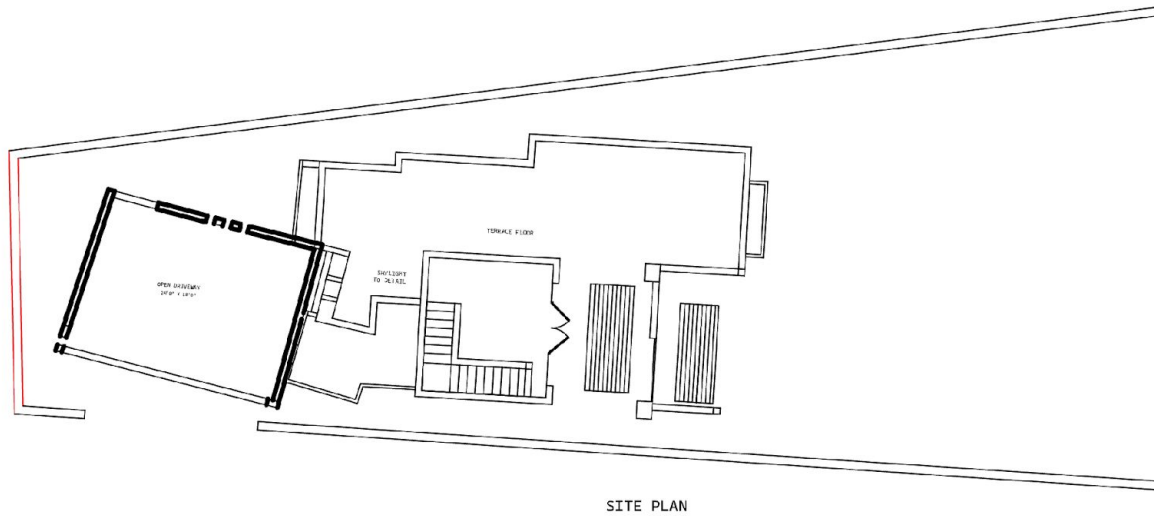
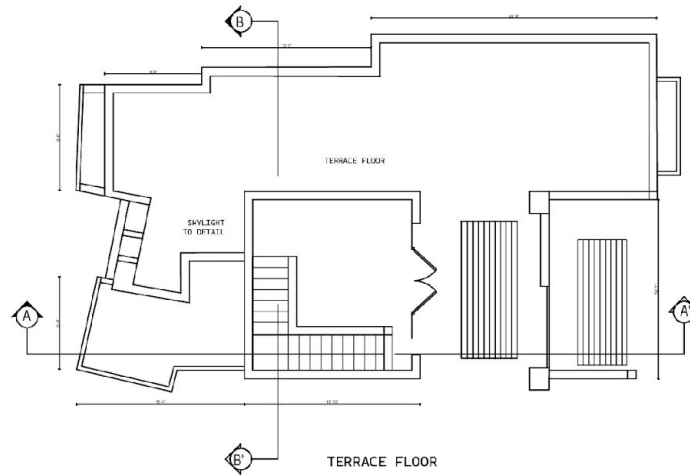
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**BLOCK - 4
TYPICAL FLOOR PLAN (1 - 4)
779 - AWD - 2002**

PAGE 03
SHEET A1
SCALE 1:100
DATE 03/04/2023
DRAWN SHIVYA RAJKUMAR



Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and BCR Norms may cause the floor areas and design differs from those shown on this plan. The location of fixtures and fittings is subject to change on implication of allied building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/s Kharche & Associates and may not be reproduced in whole or part without prior permission.



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REVISION REMARKS DATE

MEP CONSULTANT

STRUCTURAL CONSULTANT

DEVELOPER

Ms BBCL

PROJECT

Proposed Villa

TITLE

UTHANDI VILLA
PLANS

PAGE 04

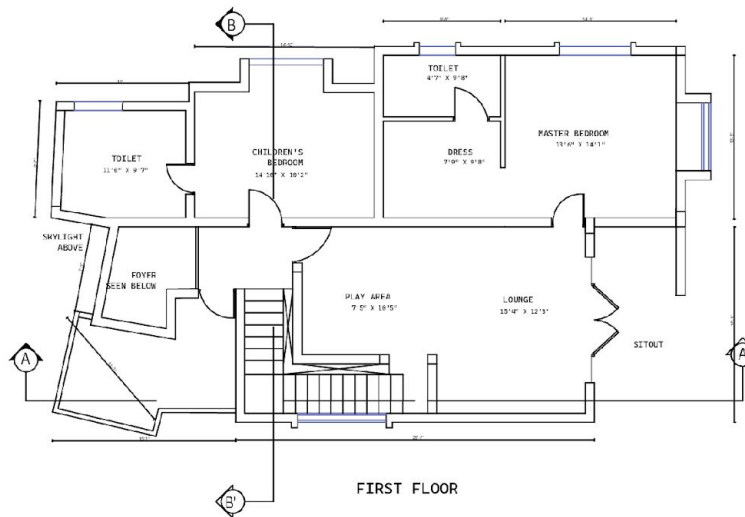
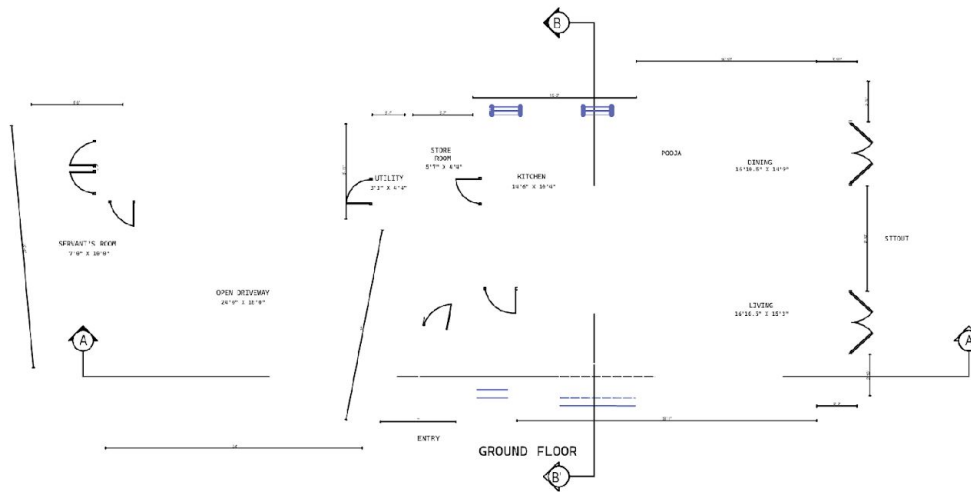
SHEET A3

SCALE 1:100

DATE 13/03/2023

DRAWN SHIVYA RAJAKUMAR





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REVISION REMARKS DATE

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STRUCTURAL CONSULTANT

DEVELOPER

M/s BBCL

PROJECT

Proposed Villa

TITLE

UTHANDI VILLA
PLANS

PAGE 03

SHEET A3

SCALE 1:100

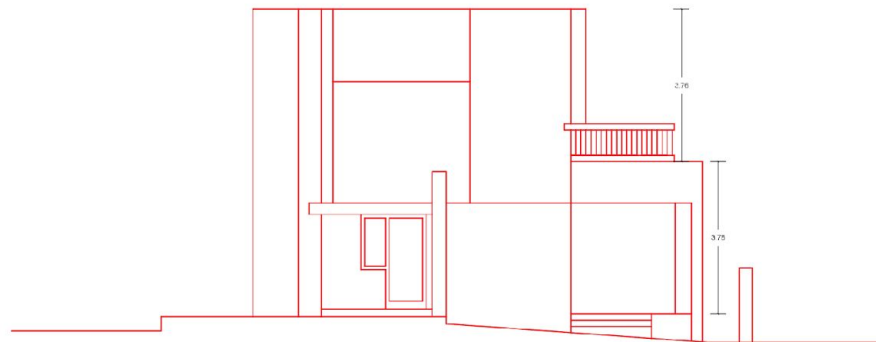
DATE 13/03/2023

DRAWN SHIVYA RAJAKUMAR





SOUTHSIDE ELEVATION



WESTSIDE ELEVATION

ARCHITECT



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STRUCTURAL CONSULTANT

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Ms BBCL

PROJECT

Proposed Villa

TITLE

UTHANDI VILLA
ELEVATIONS

PAGE 01

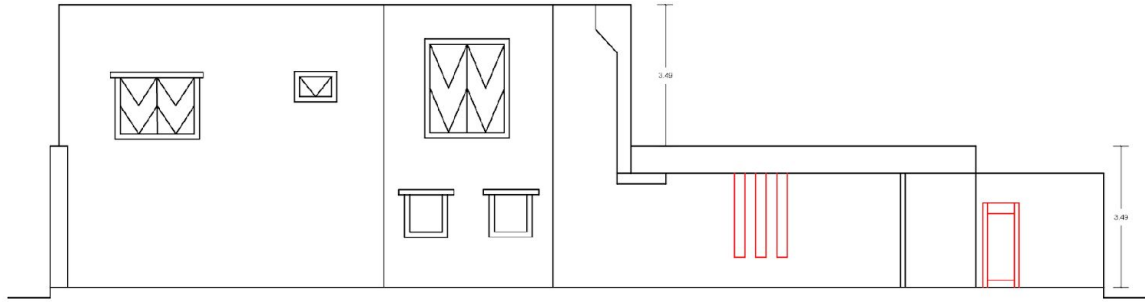
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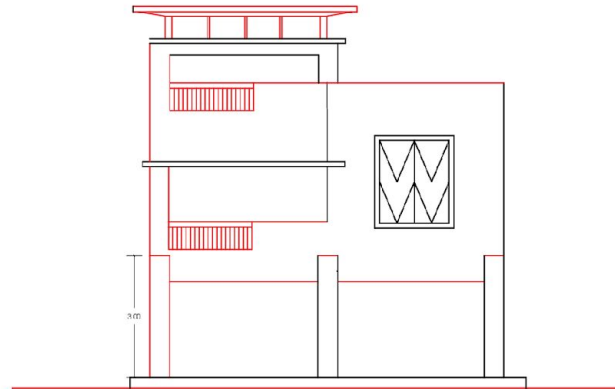
DATE 02/03/2023

DRAWN SHIVYA RAJAKUMAR





NORTHSIDE ELEVATION



EASTSIDE ELEVATION

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REVISION REMARKS DATE

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STRUCTURAL CONSULTANT

DEVELOPER

M/s BBCL

PROJECT

Proposed Villa

TITLE

UTHANDI VILLA
ELEVATIONS

PAGE 02

SHEET A3

SCALE 1:100

DATE 08/03/2023

DRAWN SHIVYA RAJKUMAR



JOINERY SCHEDULE

TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	1.50	2.13	DOUBLE DOOR
D2	0.92	2.12	DOOR
D3	0.74	2.10	DOOR
W1	2.10	2.13	WINDOW
W2	1.50	2.13	WINDOW
W3	1.50	1.37	WINDOW
W4	1.50	1.37	WINDOW
W5	1.80	1.37	WINDOW
W6	0.92	1.37	WINDOW
W7	3.00	1.37	WINDOW
W8	1.50	1.37	WINDOW
W9	1.50	0.49	STAIRCASE WINDOW
V1	1.50	0.49	VENTILATOR
V2	0.49	0.49	VENTILATOR
V3	0.65	0.61	VENTILATOR
V4	0.92	0.61	VENTILATOR
V5	0.92	2.10	LIFT DOOR
RS	1.00	2.10	ROLLING SHUTTER
RCT	2.40	2.10	ROLLING SHUTTER

Gemini Technical Advisors Pvt. Ltd.
 Sri Krishna, 1st, 25th, 7th Main,
 11th Cross, Malleswaram,
 Bengaluru-560 002, Karnataka, India.
 ☎ +91-80-2556 1545, 4129 1000
 ✉ gemini@gemintech.in

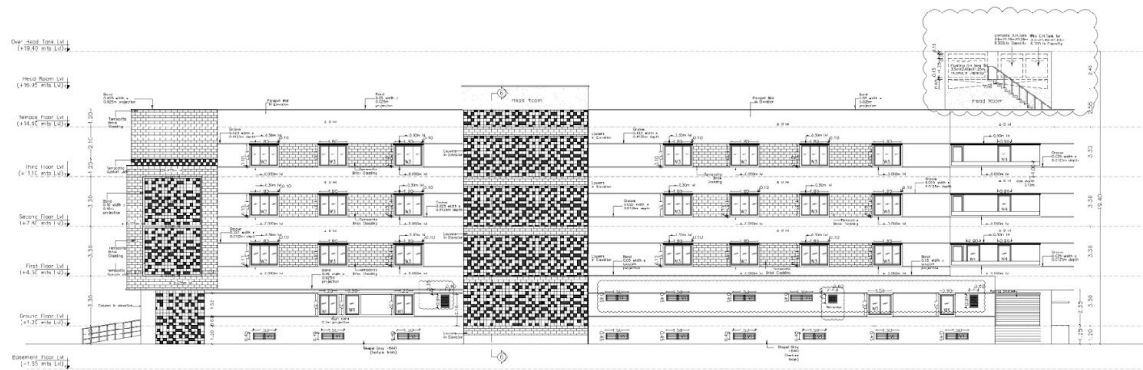
DESIGNAGE
Consulting Structural Engineers
Office No-402, 4th Floor, Ring-0,
Autumn Apartments, Connaught Place,
New Delhi-110029

Arya Vaidya Sala
Kottakkal, Malappuram Dis
Kerala 676 503, India

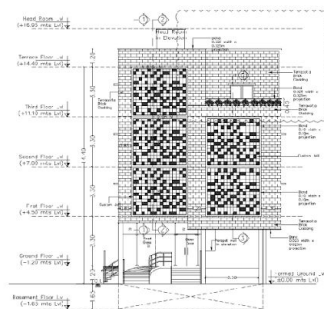
PROJECT
Proposed Clinic cum Office
Building
Chennai Branch, No. (Old) 877, (New)
196, R.S. No.3/f, EVR Periyar Salai,
Peenamallee High Road, Purusaiwakam,
Chennai 600 001.

SECTION & ELEVATION DRAWING

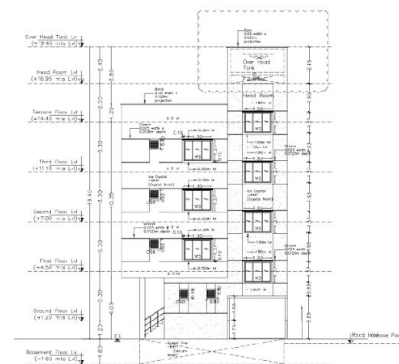
DRAWN SHIVYA RAJKUMAR



EAST SIDE ELEVATION
Scale - 1:100



Front Elevation
Scale - 1:100



Rear Elevation
Scale — 1:100

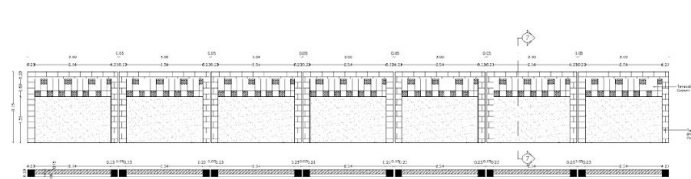
Notes: Please Refer Structural Drawing for Column, Beam, Sub Details.
For Doors and Windows Refer Joinery Details.
Disclaimer: This plan and areas presented herein on the schematic plans prior to completion of the project and is indicative only. Design changes and NOC forms may cause the floor areas and section differs from those shown on this plan. The floor areas and fittings is subject to change on installation of client facing services, furniture and appliances shown are indicative only. Users shown on the plan are not indicative of actual brands. This drawing is the sole property of M/s Koushik & Associates Inc. It may not be reproduced in whole or part without prior permission.



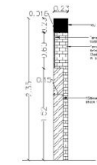
SECTION - AA
Scale - 1:100



WEST SIDE ELEVATION



COMPOUND WALL DETAILS
Scale - 1:50



Section -7
Scale - 1:25

JOINERY SCHEDULE

TYPE	WIDTH	HEIGHT	DESCRIPTION
D	1.50	2.10	DOUBLE DOOR
O	0.90	2.10	DOOR
Z2	0.72	2.10	DOOR
W	0.86	2.08	WINDOW
W1	1.50	2.10	WINDOW
W2	2.0	1.37	WINDOW
W3	1.50	1.37	WINDOW
W4	1.80	1.37	WINDOW
W5	0.90	1.37	WINDOW
W6	1.00	1.37	WINDOW
W7	1.50	1.37	WINDOW
W8	1.50	1.37	WINDOW
W9	1.50	1.37	WINDOW
W10	1.50	1.37	WINDOW
W11	1.50	1.37	WINDOW
W12	0.90	0.91	VENTILATOR
W13	0.60	0.91	VENTILATOR
W14	0.90	0.91	VENTILATOR
W15	0.90	2.10	DOOR
W16	0.90	2.10	DOOR
W17	2.00	2.10	DOOR
W18	2.00	2.10	DOOR
W19	2.00	2.10	DOOR
W20	2.00	2.10	DOOR
W21	2.00	2.10	DOOR
W22	2.00	2.10	DOOR
W23	2.00	2.10	DOOR
W24	2.00	2.10	DOOR
W25	2.00	2.10	DOOR
W26	2.00	2.10	DOOR
W27	2.00	2.10	DOOR
W28	2.00	2.10	DOOR
W29	2.00	2.10	DOOR
W30	2.00	2.10	DOOR
W31	2.00	2.10	DOOR
W32	2.00	2.10	DOOR
W33	2.00	2.10	DOOR
W34	2.00	2.10	DOOR
W35	2.00	2.10	DOOR
W36	2.00	2.10	DOOR
W37	2.00	2.10	DOOR
W38	2.00	2.10	DOOR
W39	2.00	2.10	DOOR
W40	2.00	2.10	DOOR
W41	2.00	2.10	DOOR
W42	2.00	2.10	DOOR
W43	2.00	2.10	DOOR
W44	2.00	2.10	DOOR
W45	2.00	2.10	DOOR
W46	2.00	2.10	DOOR
W47	2.00	2.10	DOOR
W48	2.00	2.10	DOOR
W49	2.00	2.10	DOOR
W50	2.00	2.10	DOOR
W51	2.00	2.10	DOOR
W52	2.00	2.10	DOOR
W53	2.00	2.10	DOOR
W54	2.00	2.10	DOOR
W55	2.00	2.10	DOOR
W56	2.00	2.10	DOOR
W57	2.00	2.10	DOOR
W58	2.00	2.10	DOOR
W59	2.00	2.10	DOOR
W60	2.00	2.10	DOOR
W61	2.00	2.10	DOOR
W62	2.00	2.10	DOOR
W63	2.00	2.10	DOOR
W64	2.00	2.10	DOOR
W65	2.00	2.10	DOOR
W66	2.00	2.10	DOOR
W67	2.00	2.10	DOOR
W68	2.00	2.10	DOOR
W69	2.00	2.10	DOOR
W70	2.00	2.10	DOOR
W71	2.00	2.10	DOOR
W72	2.00	2.10	DOOR
W73	2.00	2.10	DOOR
W74	2.00	2.10	DOOR
W75	2.00	2.10	DOOR
W76	2.00	2.10	DOOR
W77	2.00	2.10	DOOR
W78	2.00	2.10	DOOR
W79	2.00	2.10	DOOR
W80	2.00	2.10	DOOR
W81	2.00	2.10	DOOR
W82	2.00	2.10	DOOR
W83	2.00	2.10	DOOR
W84	2.00	2.10	DOOR
W85	2.00	2.10	DOOR
W86	2.00	2.10	DOOR
W87	2.00	2.10	DOOR
W88	2.00	2.10	DOOR
W89	2.00	2.10	DOOR
W90	2.00	2.10	DOOR
W91	2.00	2.10	DOOR
W92	2.00	2.10	DOOR
W93	2.00	2.10	DOOR
W94	2.00	2.10	DOOR
W95	2.00	2.10	DOOR
W96	2.00	2.10	DOOR
W97	2.00	2.10	DOOR
W98	2.00	2.10	DOOR
W99	2.00	2.10	DOOR
W100	2.00	2.10	DOOR

MFP CONSULTANT

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***Bengaluru
Chennai
Mumbai**

STRUCTURAL CONSULTANT



DEVELOPER

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Kerala 676 503, India

PROJECT
Proposed Clinic cum Office
Building
Orerinal Branch, Va. (Old) 877, (New)
196, R.S. No.37/1, EVR Periyar Salai,
Peenmasalee High Road, Purusaiwakam,
Orerinal 600 001.

TITLE

SECTION & ELEVATION DRAWING

JOB NO. DWG NO. REV 1002-WD-05-R2

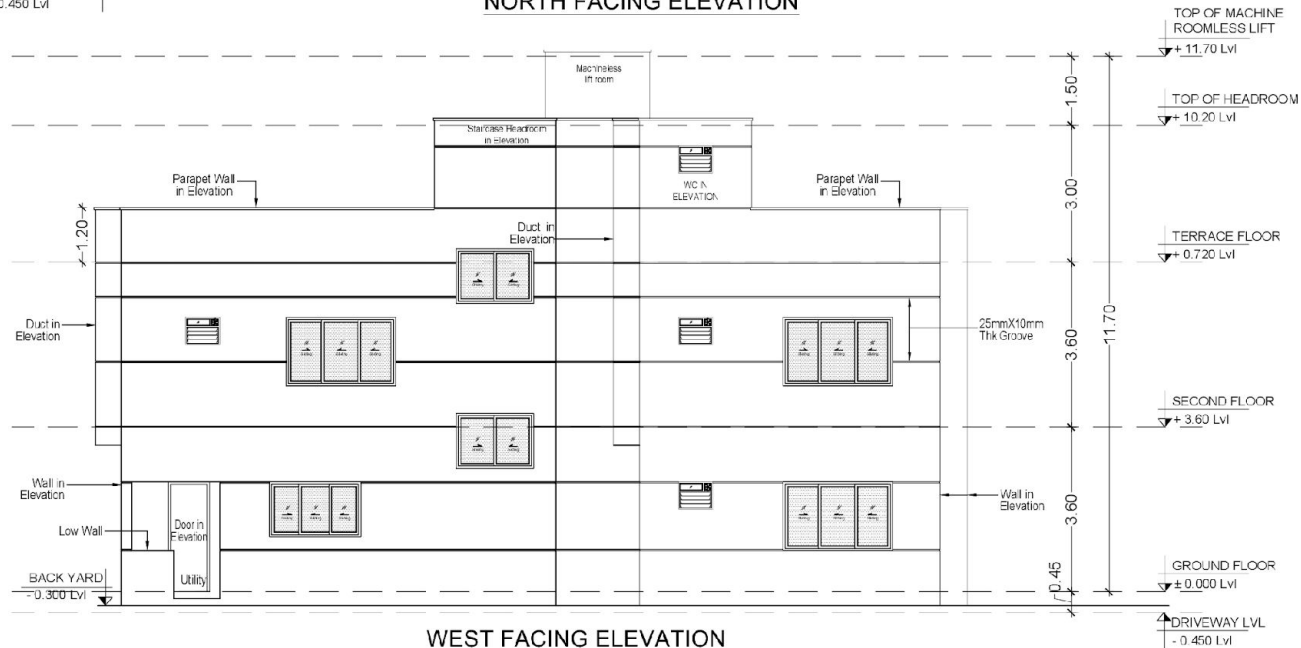
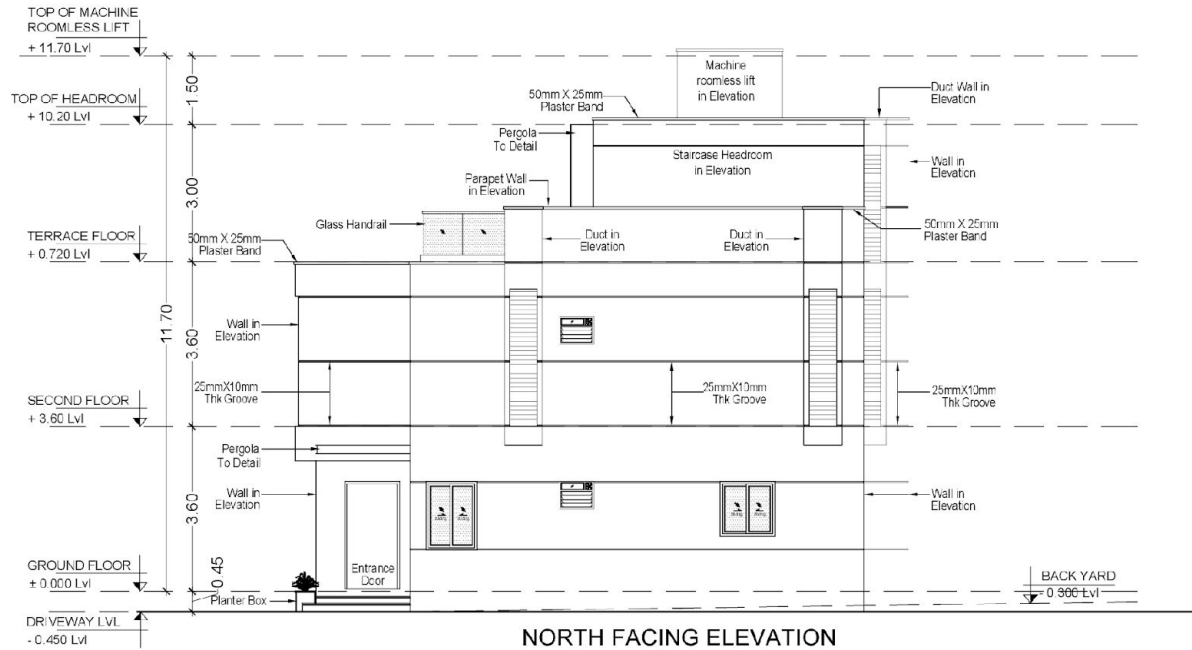
SHEET 35

DATE 07/04/2023

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CLK / ADD 35K / BSR

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REVISION	REMARKS	DATE

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
MD	1.30	2.40	MAIN DOOR
D1	1.00	2.40	DOOR
D2	0.90	2.40	DOOR
D3	0.90	2.30	DOOR
D4	0.90	2.10	DOOR
D5	0.90	2.10	DOOR
OP	1.80	2.40	OPENING
OP1	1.00	2.30	OPENING
OP2	0.90	2.40	OPENING
SD	2.88	2.85	SLIDING DOOR
SD1	2.75	2.85	SLIDING DOOR
SD2	1.57	2.85	SLIDING DOOR
LD	0.90	2.10	LIFT DOOR
FW	3.30	2.55	FIXED WINDOW
FW1	2.20	2.55	FIXED WINDOW
FW2	2.37	2.55	FIXED WINDOW
W	2.40	1.50	WINDOW
W1	2.30	1.50	WINDOW
W2	1.20	1.50	WINDOW
WC	1.12	1.50	WINDOW
KW	1.20	1.20	KITCHEN WINDOW
SW	1.70	1.20	STAIRCASE WINDOW
V	0.75	0.60	VENTILATOR

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DEVELOPER

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PROJECT

Proposed Villa Development
@ Kottivakkam, Chennai.

TITLE

**PLOT - C
ELEVATIONS
769-AWD-C-403**

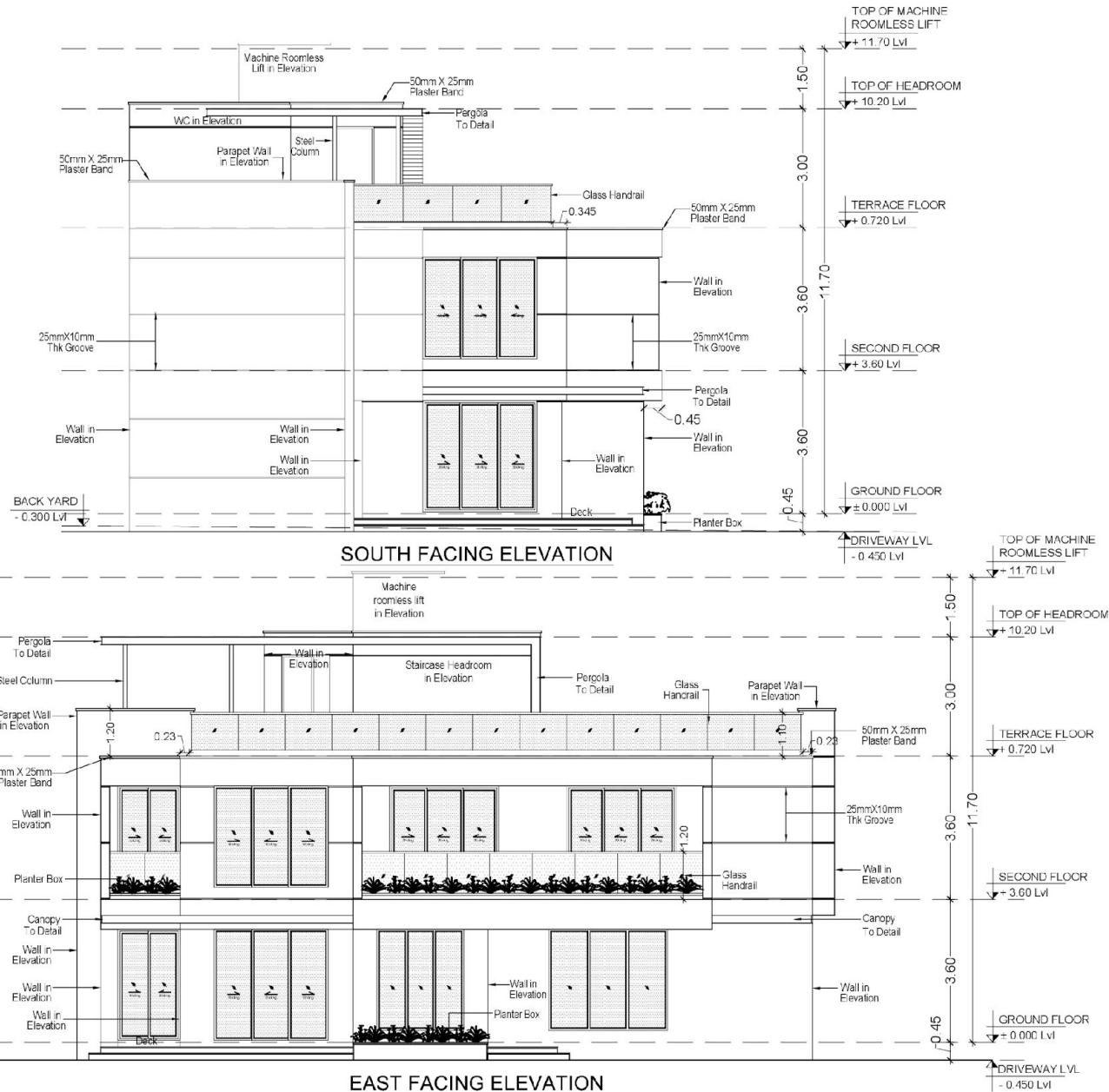
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SHEET A3

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DATE 27/01/2023

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REVISION REMARKS DATE

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
MD	1.20	2.40	MAIN DOOR
D1	1.00	2.40	DOOR
D2	0.90	2.40	DOOR
D3	0.90	2.50	DOOR
D4	0.90	2.50	DOOR
D5	0.90	2.50	DOOR
OP	1.80	2.40	OPENING
OP1	1.00	2.30	OPENING
OP2	0.90	2.40	OPENING
SD	2.88	2.85	SLIDING DOOR
SD1	2.75	2.85	SLIDING DOOR
SD2	1.57	2.85	SLIDING DOOR
LD	0.90	2.50	LIFT DOOR
FW	3.30	2.55	FIXED WINDOW
FW1	2.20	2.55	FIXED WINDOW
FW2	2.37	2.55	FIXED WINDOW
W	2.40	1.50	WINDOW
W1	2.30	1.50	WINDOW
W2	1.20	1.50	WINDOW
WC	1.12	1.00	WINDOW
KW	1.20	1.20	KITCHEN WINDOW
SW	1.70	1.20	STAIRCASE WINDOW
V	0.75	0.60	VENTILATOR

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PROJECT

Proposed Villa Development
@ Kottivakkam, Chennai.

TITLE

**PLOT - C
ELEVATIONS
769-AWD-C-402**

PAGE 01

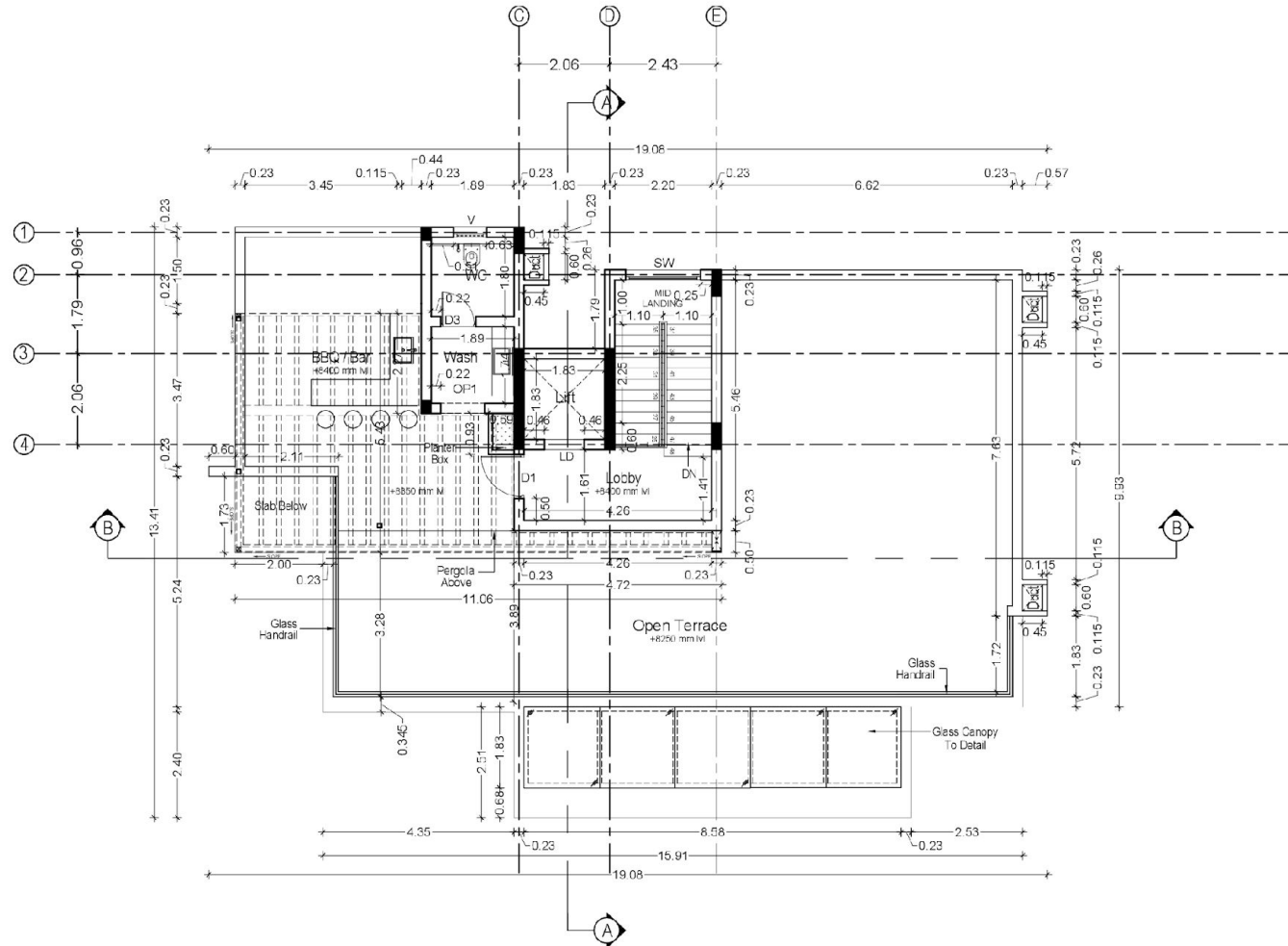
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SCALE 1:100

DATE 27/01/2023

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TERRACE FLOOR PLAN
SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
MD	1.30	2.40	MAIN DOOR
D1	1.00	2.40	DOOR
D2	0.90	2.40	DOOR
D3	0.90	2.50	DOOR
D4	0.90	2.50	DOOR
D5	0.90	2.50	DOOR
OP	1.80	2.40	OPENING
OP1	1.00	2.30	OPENING
OP2	0.90	2.40	OPENING
SD	2.88	2.85	SLIDING DOOR
SD1	2.75	2.85	SLIDING DOOR
SD2	1.57	2.85	SLIDING DOOR
LD	0.90	2.50	LIFT DOOR
FW	3.00	2.55	FIXED WINDOW
FW1	2.20	2.55	FIXED WINDOW
FW2	2.37	2.55	FIXED WINDOW
W	2.40	1.50	WINDOW
W1	2.30	1.50	WINDOW
W2	1.20	1.50	WINDOW
WC	1.12	1.00	WINDOW
KW	1.20	1.20	KITCHEN WINDOW
SW	1.70	1.20	STAIRCASE WINDOW
V	0.75	0.60	VENTILATOR

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STRUCTURAL CONSULTANT
DEVELOPER

M/s BBCL

PROJECT

 Proposed Villa Development
 @ Kottivakkam, Chennai.

TITLE
PLOT - C
TERRACE FLOOR PLAN
769-AWD-C-301

PAGE 01

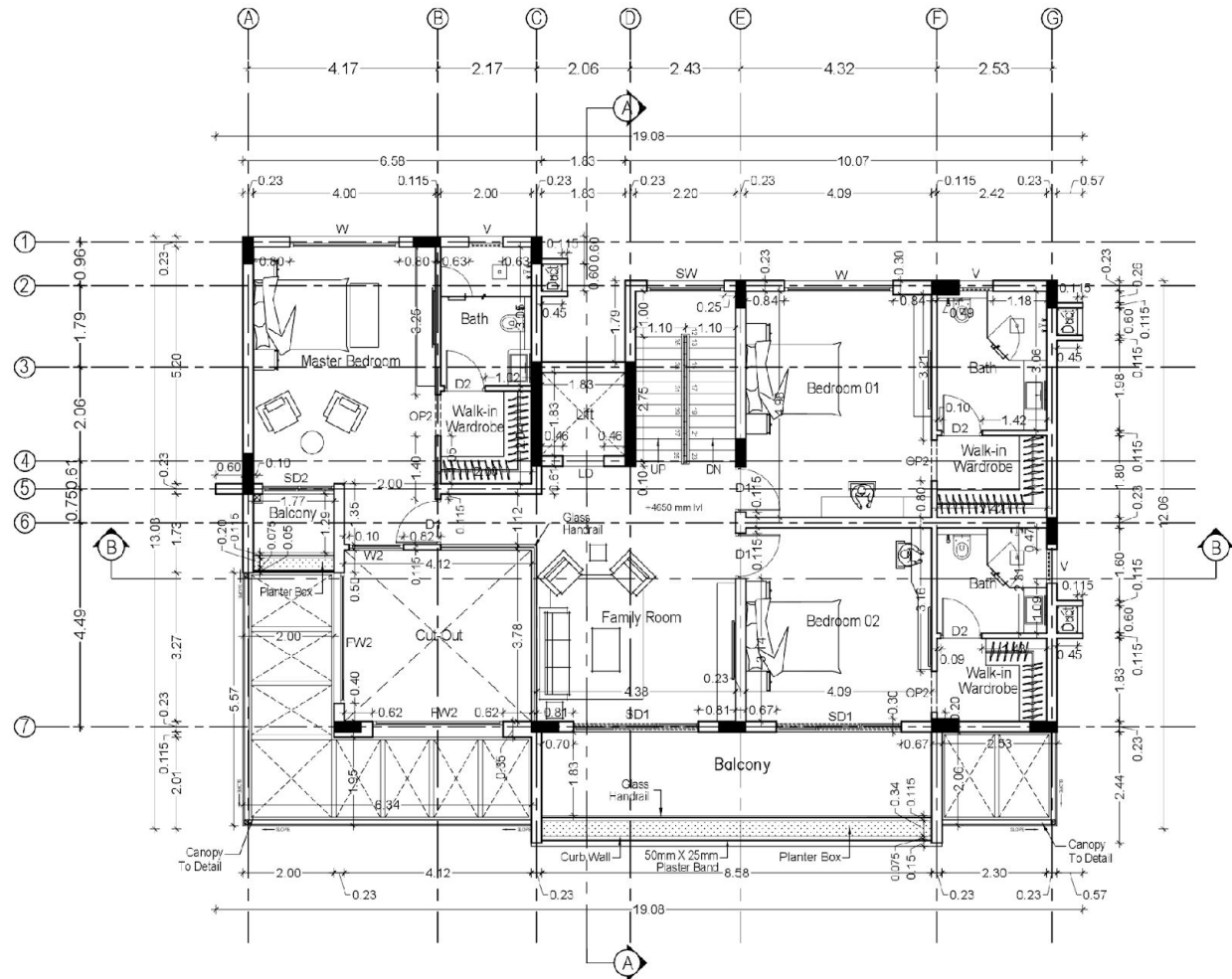
SHEET A3

SCALE 1:100

DATE 25/01/2023

DRAWN SHIVYA RAJAKUMAR




FIRST FLOOR PLAN
SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
MD	1.30	2.40	MAIN DOOR
D1	1.00	2.40	DOOR
D2	0.90	2.40	DOOR
D3	0.90	2.50	DOOR
D4	0.90	2.50	DOOR
D5	0.90	2.10	DOOR
OP	1.80	2.40	OPENING
OP1	1.00	2.30	OPENING
OP2	0.90	2.40	OPENING
SD	2.88	2.85	SLIDING DOOR
SD1	2.75	2.85	SLIDING DOOR
SD2	1.57	2.85	SLIDING DOOR
LD	0.90	2.10	LIFT DOOR
FW	3.00	2.55	FIXED WINDOW
FW1	2.25	2.55	FIXED WINDOW
FW2	2.37	2.55	FIXED WINDOW
W	2.40	1.50	WINDOW
W1	2.30	1.50	WINDOW
W2	1.20	1.50	WINDOW
WC	1.12	1.00	WINDOW
KW	1.20	1.20	KITCHEN WINDOW
SW	1.70	1.20	STAIRCASE WINDOW
V	0.75	0.60	VENTILATOR

MEP CONSULTANT

STRUCTURAL CONSULTANT

DEVELOPER

M/s BBCL

PROJECT

 Proposed Villa Development
 @ Kottivakkam, Chennai.

TITLE

PLOT - C
FIRST FLOOR PLAN
769-AWD-C-201

PAGE 01

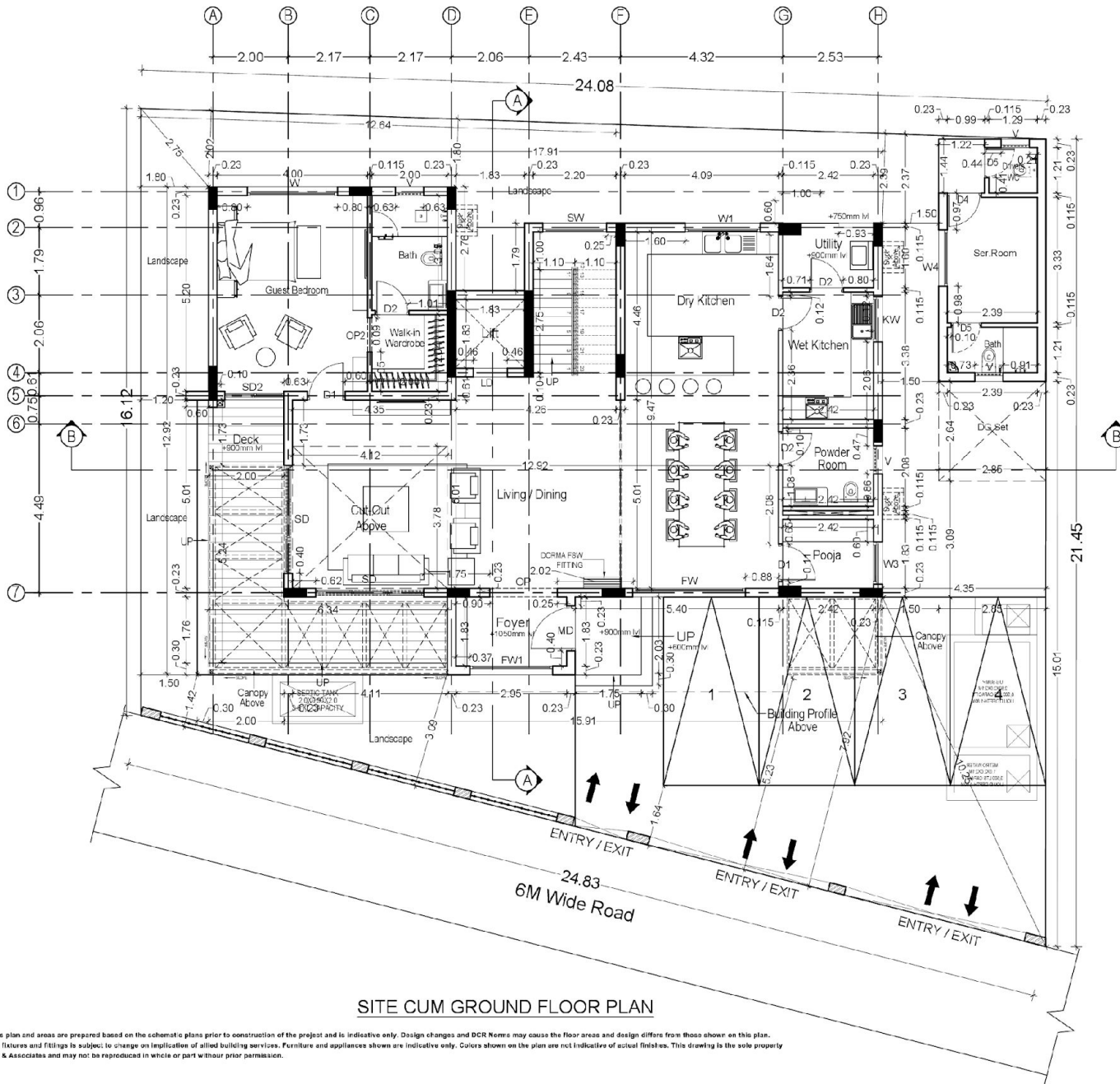
SHEET A3

SCALE 1:100

DATE 25/01/2023

DRAWN SHIVYA RAJAKUMAR





SITE CUM GROUND FLOOR PLAN

Disclaimer: This plan and areas are prepared based on the schematic plans prior to construction of the project and is indicative only. Design changes and DCR norms may cause the floor areas and design differs from those shown on this plan. The location of fixtures and fittings is subject to change on implication of allied building services. Furniture and appliances shown are indicative only. Colors shown on the plan are not indicative of actual finishes. This drawing is the sole property of M/s Kharche & Associates and may not be reproduced in whole or part without prior permission.

ARCHITECT



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REVISION REMARKS DATE

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
MD	1.30	2.40	MAIN DOOR
D1	1.00	2.40	DOOR
D2	0.90	2.40	DOOR
D3	0.90	2.40	DOOR
D4	0.90	2.40	DOOR
D5	0.90	2.40	DOOR
OP	1.80	2.40	OPENING
OP1	1.00	2.40	OPENING
OP2	0.90	2.40	OPENING
SD	2.88	2.85	SLIDING DOOR
SD1	2.75	2.85	SLIDING DOOR
SD2	1.57	2.85	SLIDING DOOR
LD	0.90	2.40	LIFT DOOR
FW	3.00	2.55	FIXED WINDOW
FW1	2.25	2.55	FIXED WINDOW
FW2	2.37	2.55	FIXED WINDOW
W	2.40	1.50	WINDOW
W1	2.30	1.50	WINDOW
W2	1.20	1.50	WINDOW
W3	1.12	1.50	WINDOW
W4	1.50	1.50	WINDOW
KW	1.20	1.20	KITCHEN WINDOW
KW1	1.10	1.20	STAIRCASE WINDOW
V	0.75	0.80	VENTILATOR

MEP CONSULTANT

STRUCTURAL CONSULTANT

DEVELOPER

M/s BBCL

PROJECT

Proposed Villa Development
@ Kottivakkam, Chennai.

TITLE

**PLOT - C
SITE CUM GROUND FLOOR PLAN
769-AWD-C-102**

PAGE 01

SHEET A3

SCALE 1:100

DATE 25/01/2023

DRAWN SHIVYA RAJKUMAR



RENDERS-DRA D'ELITE



RENDERS-CHAITANYA



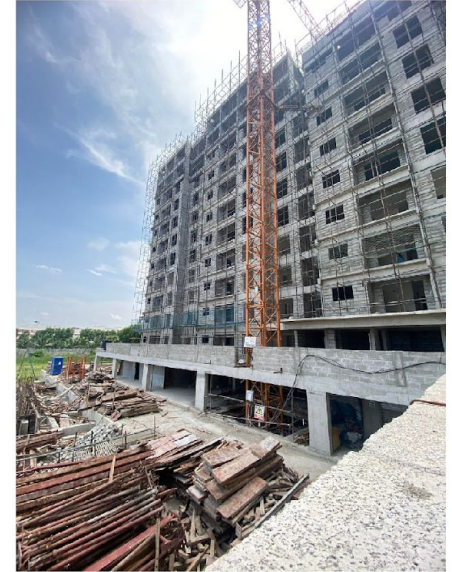
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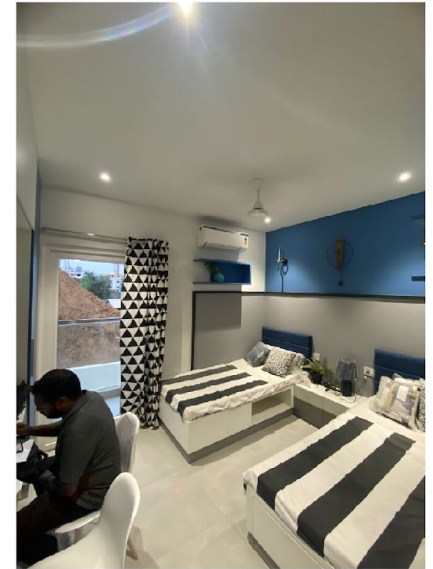
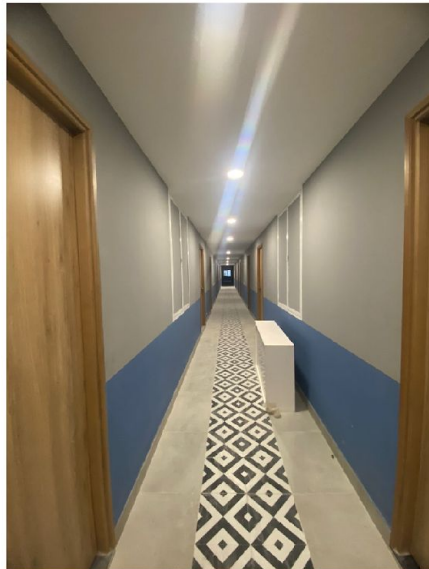
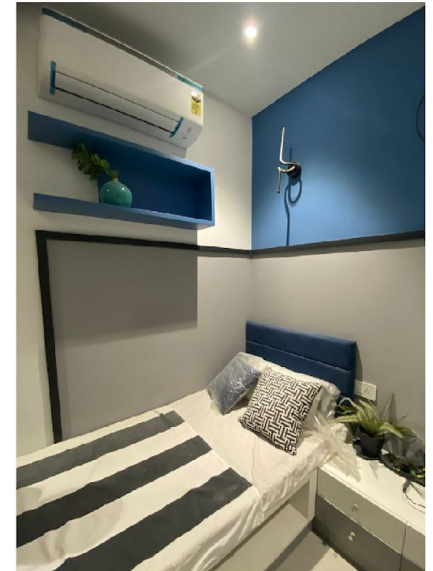
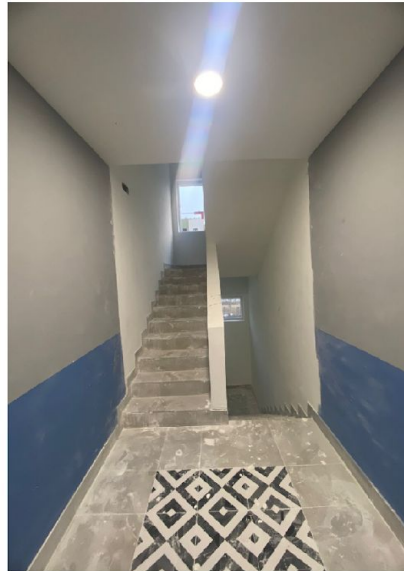
SITE PHOTOS-DRA TRULIV & CENTRALIA



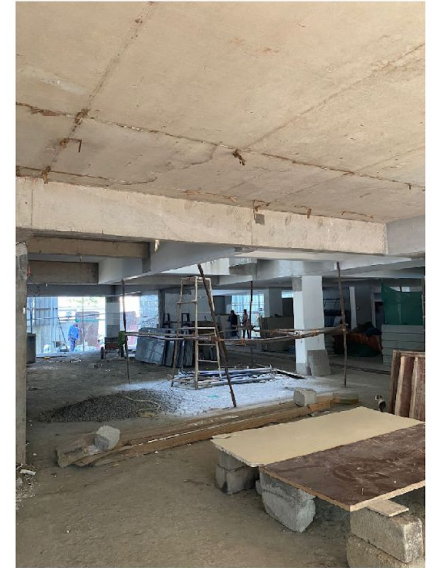
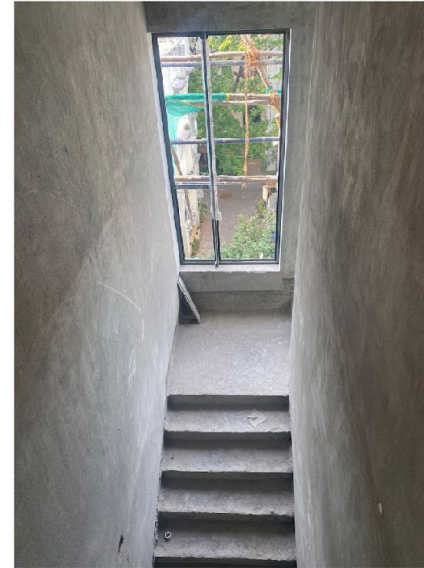
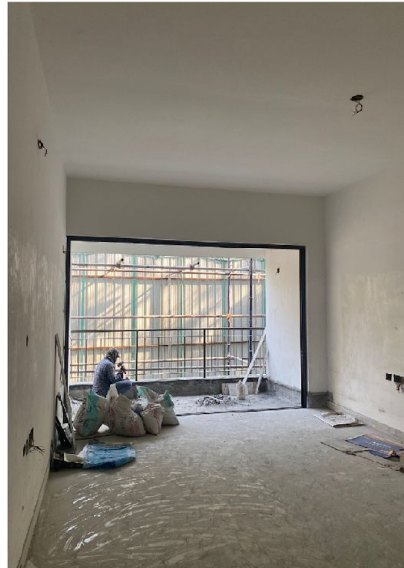
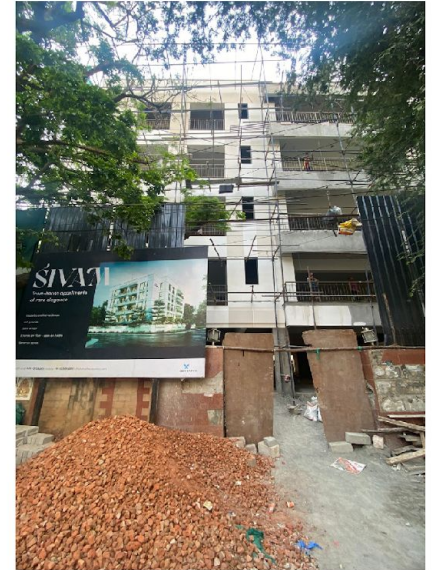
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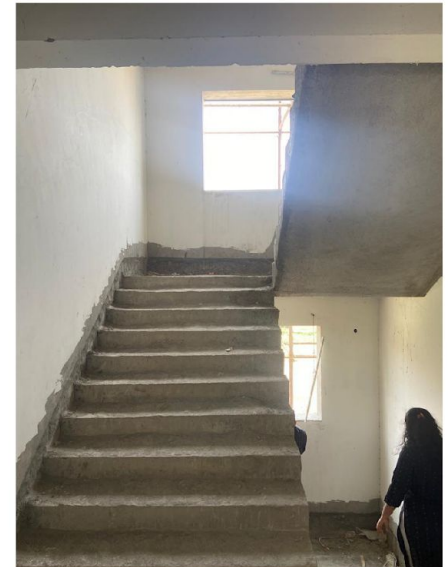
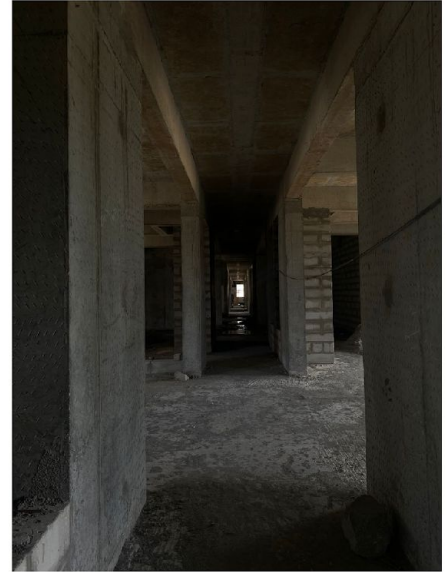
SITE PHOTOS-DRA TRULIV ,PORUR



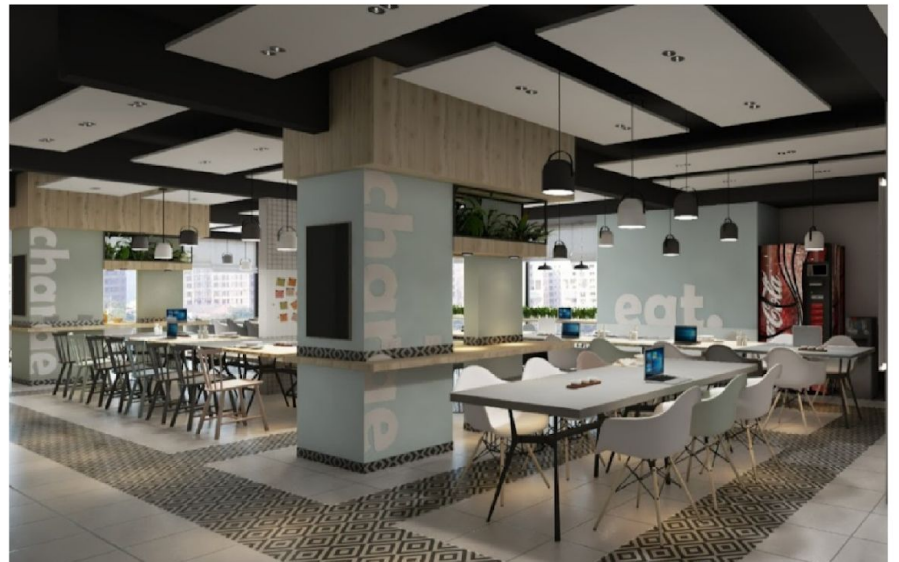
SITE PHOTOS-CHAITANYA SIVAM



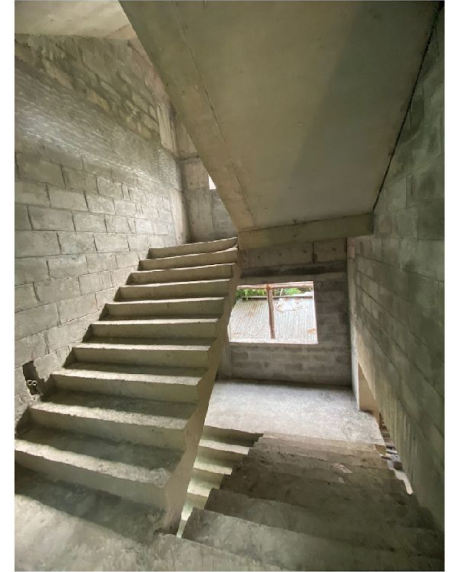
SITE PHOTOS-DRA D'ELITE



RENDERS-TRULIV OLYMPUS



SITE PHOTOS-RAHEJA ASSOCIATES,COMMERCIAL BUILDING



CRITICAL OVERVIEW

After four months of doing my internship at Kharche and Associates, I realized I have gained more than I expected no matter whether it was soft or hard skills. I have learnt from my supervisor about little details that need to be attended, like the theory of negative or anti spaces, corners, edges and surfaces. These are the things that I have never taken notice of when visiting a site and observing the fundamental flaws within construction.

Besides that, I have also learnt to get used to the working lifestyle of an architecture firm. It has many teams in a company, from teams that are in charge of schematic design, and department that are responsible of contact authorities. Each of them have their own responsibilities and deadline to be meet. In this company that I interned in, all the staffs work together and help one another to meet the requirement. It taught me that being a good teammate is very important because teamwork is crucial in finishing a big project that is meeting its due date.

Mainly, I have grown to like the responsibility of being in a project management team. I have witnessed how my supervisor discusses problems with the clients and contractors, and also how my senior settles on-site construction matters with the sub-contractors and workers in order to make sure everything is done on time.

Lastly, I got to know the importance of details in a project. Only after working with them in all these large scale projects did I realise that all through college everything done was on a surface level and nothing was looked at in depth and that the practical world is a lot different and from what we thought it would be. The entire experience as a whole was very transformative professionally and personally and was definitely an eye opener.