



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)
DEC 2021 - JAN 2022**

Name of the Student : ARSHYA RUBY P

Semester : III

Reg No. : 40840001

Batch : 2020-2022



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M. Arch (Building management)

VIVA-VOCE EXAMINATION

This is to certify that the Professional Training Report (S84APT) is the work of **ARSHYA RUBY P (40840001)** who had undergone training in **ADROIT DESIGNS ,CHENNAI** and has been monitored by the continuous assessment during Dec 2021 to Jan 2022.

Dr. Devyani Gangopadhyay
HOD AND DEAN

Submitted for Viva voce Examination held on 01.02.2022

Internal Examiner
(Ar. SUKIRTHA SURESH)

External Examiner
(Ar HENA DAMODHARAN)



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DECLARATION

I **ARSHYA RUBY P** hereby declare that this Professional Training Report for the period of **30 days from 1st Dec 2021 to 8th Jan 2022** done by me under the guidance of **Ar. FRANKLIN MAXWELL** is submitted in partial fulfillment of the requirements for the completion of practical training session.

DATE: : 25.01.2022
PLACE : CHENNAI

A handwritten signature in blue ink, appearing to read 'Arshya Ruby P', is written over a light blue circular stamp.

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 Ar. Naresh and Site engineer for their valuable guidance, suggestions and constant encouragement paved way for the successful completion of my Training.

I would like to thank my Chief Architect **Ar & PM Franklin Maxwell** for providing me an opportunity to engage myself as an trainee in **Adroit Designs India**. NO: 8, MCN Road Extension, Thoraipakkam, Chennai 600097.

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

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

I would also like to thank my Parents, Husband and friends whoever helped and supported me to complete this training successfully.

CONFIRMATION LETTER



ADROIT DESIGN INDIA PVT. LTD

Architecture | Interiors | Construction

CIN No. U74900TN2014PTC096386

No 8, MCN Nagar Extension Road, Thoraipakkam, Chennai - 600 097

+91 044 - 4556 1113 / +91 99400 64343

info@adroitdesigns.in

To,

DATE 29-11-2021

The Head of the Department,
Department of Architecture, School of Building & Environment,
Sathyabama Institute of Science and Technology
Rajiv Gandhi Salai, Jeppiar Nagar,
Chennai - 600119, Tamil Nadu.

Sub: Confirmation Letter for pursuing Practical Training for the period of 30 working days at our office for Mrs. Arshya Ruby P, Reg No: 40840001

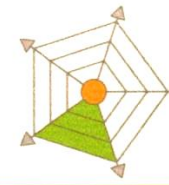
Respected Sir / Madam,

With respect to the above subject we would like to induct Mrs. Arshya Ruby P, (Reg No: 40840001) M.Arch in Building Management, (Sathyabama Institute of Science and Technology) as a Project Management Trainee for a period of 30 working days from December 2021 to January 2022.

Thanking You

Ar. FRANKLIN MAXWELL A, M.Arch.
REGISTERED ARCHITECT,
C.A. No - CA / 2011 / 52705
C3/12, Bharathidasan Colony,
KK Nagar, Chennai - 600 078.

CONSOLIDATED CERTIFICATE (EXPERIENCE)



ADROIT DESIGN INDIA PVT. LTD

Architecture | Interiors | Construction

CIN No. U74900TN2014PTC096386

No 8, MCN Nagar Extension Road, Thoraipakkam, Chennai - 600 097

+91 044 - 4556 1113 / +91 99400 64343

info@adroitdesigns.in

To,

Date 21-01-2022

The Head of the Department,
Department of Architecture, School of Building & Environment,
Sathyabama Institute of Science and Technology
Rajiv Gandhi Salai, Jeppiar Nagar,
Chennai - 600119, Tamil Nadu.

Sub: Training Completion certificate

Respected Sir / Madam,

This is to certify that Mrs. Arshya Ruby P, (Reg No: 40840001) M.Arch in Building Management, student of Sathyabama Institute of Science and Technology has successfully completed her practical training in our organization, for a period of 30 working days from December 1st 2021 to January 8th 2022.

During the above mentioned period, she was involved in the following projects:

1. Aqua Deepak Empire, Arumbakkam
2. DGB warehouse, Redhills
3. Jayasuriya Residence

Site visit:

1. Aqua Deepak Empire, Arumbakkam.

Thanking You,

Yours faithfully,

Ar. FRANKLIN MAXWELL A, M.Arch.
REGISTERED ARCHITECT,
C.A. No - CA / 2011 / 52705
C3/12, Bharathidasan Colony,
KK Nagar, Chennai - 600 078.

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 :	Adroit Designs India Pvt Ltd
2. Address & Contact Number :	NO: 8, MCN Nagar Ext, Thoraipakkam
3. Name of the student :	Arshya Ruby.P
4. Duration :	From 01.12.2021 To 31.01.2022
5. Total No. of days :	24
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

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

7. Any other Remarks :

Good Performance

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

Ar. FRANKLIN MAXWELL A, M.Arch.
REGISTERED ARCHITECT,
C.A. No - CA / 2011 / 52705
C3/12, Bharathidasan Colony,
KK Nagar, Chennai - 600 078.



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1. Name of the office / organization :	Adroit Designs India Pvt Ltd
2. Address & Contact Number :	NO: 8, MCN Nagar ext, Thoraipakkam
3. Name of the student :	Arshya Ruby.P
4. Duration :	From 03.01.2022 To 08.01.2022
5. Total No. of days :	06
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

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

7. Any other Remarks :

Good Performance

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

Ar. FRANKLIN MAXWELL A, M.Arch.
REGISTERED ARCHITECT,
C.A. No - CA / 2011 / 52705
C3/12, Bharathidasan Colony,
KK Nagar, Chennai - 600 078.

WORK DIARY

DAY	DATE	PROJECT NAME	WORK DONE	DAY	DATE	PROJECT NAME	WORK DONE
1	01.12.2021	Aqua Deepak Empire	Schedule preparation - Excel	16	20.12.2021	Aqua Deepak Empire	Electrical layout
2	02.12.2021	Aqua Deepak Empire	Schedule preparation - Excel	17	21.12.2021	Aqua Deepak Empire	Electrical layout
3	03.12.2021	Warehouse	Schedule preparation - Excel	18	22.12.2021	Aqua Deepak Empire	Electrical layout
4	04.12.2021	Aqua Deepak Empire	Discussion & correction	19	23.12.2021	Aqua Deepak Empire	Weekly schedule - corrections
5	06.12.2021	Andrew residence	Electrical layout	20	27.12.2021	Aqua Deepak Empire	Update- MS Project
6	07.12.2021	Aqua Deepak Empire	schedule correction - Excel	21	28.12.2021	Aqua Deepak Empire	Site visit
7	08.12.2021	Aqua Deepak Empire	Schedule preparation - MS Project	22	29.12.2021	Aqua Deepak Empire	Schedule ms project
8	09.12.2021	Aqua Deepak Empire	Site visit	23	30.12.2021	warehouse	Schedule preparation - Excel
9	10.12.2021	Aqua Deepak Empire	Schedule preparation - MS Project	24	31.12.2021	Aqua Deepak Empire	Partition layout
10	13.12.2021	Aqua Deepak Empire	Schedule preparation - MS Project	25	03.01.2022	Aqua Deepak Empire	Partition layout
11	14.12.2021	Balaji residence	TV unit details	26	04.01.2022	Aqua Deepak Empire	Update- MS Project
12	15.12.2021	Aqua Deepak Empire	Discussion- MS Project	27	05.01.2022	Warehouse	Schedule work- Excel
13	16.12.2021	Aqua Deepak Empire	Corrections - MS Project	28	06.01.2022	Aqua Deepak Empire	Site visit
14	17.12.2021	Aqua Deepak Empire	Weekly schedule	29	07.01.2022	warehouse	Schedule preparation - Excel
15	18.12.2021	Aqua Deepak Empire	Weekly schedule	30	08.01.2022	warehouse	Schedule preparation - Excel

Chief Architect Signature:

Office seal:



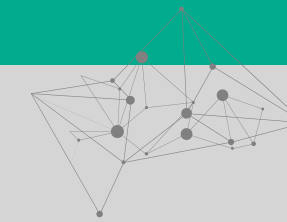
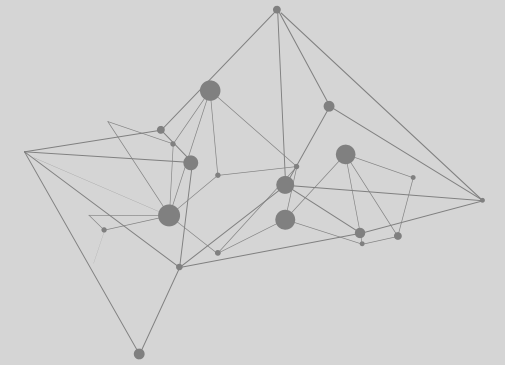
Ar. FRANKLIN MAXWELL A, M.Arch.
 REGISTERED ARCHITECT,
 C.A. No - CA / 2011 / 52705
 C3/12, Bharathidasan Colony,
 KK Nagar, Chennai - 600 078.

PROJECT MANAGEMENT

PORTFOLIO - PRACTICAL TRAINING



ADROIT DESIGNS INDIA PVT LTD , CHENNAI



NAME : ARSHYA RUBY P
REG NO : 40840001
M.ARCH - BUILDING MANAGEMENT
SEMESTER: III
DEPARTMENT OF ARCHITECTURE

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INTRODUCTION

HISTORY OF THE FIRM

Adroit Designs India excel with 15 years of experience and are expertise in the field of architecture, interior projects, project management and civil construction. They are defined by their innovative design solutions and skillfull execution of the Turnkey Projects in the field of Architecture, Interiors, Construction & PMC. The company was founded in 2006 and restructured in 2014 with a vision and foresight to be a global player.

The company draws upon its wide resources and rich experience to provide the clients with the top notch services. We in our job, exercise green architecture rooted in smart planning and innovative interior design, intelligent engineering and applied technology services. In the end, we create fluid, cohesive, sustainable environments that serve the needs of today and stand the test of time.

TRAINING OBJECTIVE

The objective of the training is to understand the field works, oppurtunities to experience the essential practical tasks emphasised in their professional study and also to provide oppurtunities to apply their acquired skills and knowledge in the working life. Project management mainly based on the project scheduling and tracking. The project may take time which goes beyond the timeline that may decline in cost and quality. Learning idealogy to handle such kinda situation to reduce the issues and make the project back in track without exceeding the estimated cost.

ONGOING PROJECTS LIST

AQUA DEEPAK EMPIRE

TPM CHURCH

DCB WAREHOUSE

JEYASURIYA RESIDENCE

BALAJI RESIDENCE

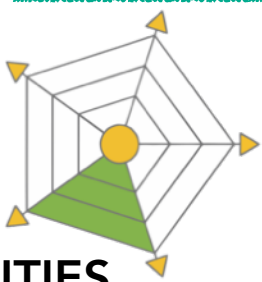
KAMATCHY PROJECT

ANDREW RESIDENCE

DEVRAJ SREERAM

PRAKASH RESIDENCE

LIVINGSTON RESIDENCE



ADROIT DESIGN
ARCHITECTURE | INTERIORS | CONSTRUCTION

ROLES AND RESPONSIBILITIES

I carried out the work as an Architect and Project Manager in one main interior project and two other small projects with minimal works. The project was initiated already and still the work is going on. I worked on the drawings and the execution was monitored by me. I was involved in the scheduling and tracking process. I was involved in material selection and Bill of quantities finalization.

FEW OF THE COMPLETED PROJECTS



METHA HOSPITAL



SRI GOLD JEWELLERY



HOTEL RANGAVILLAS



SARAYA CORNICHE CLUB



FORBES MARSHALL OFFICE



MASS ROYAL CLUB RESORT

PROJECT 1

- Client Name — Aqua Deepak Empire
- Team — Ar. Franklin Maxwell, Ar. Arshya Ruby
- Project Type — Mixed Use Design
- Site Location — Arumbakkam, Chennai
- Buildup Area — 1540 Sq.ft
- Plot Area — 2343 Sq.ft
- Work done — Project schedule in excel & Msp, Site visit, Team Co-ordination
- Project status — Ongoing, Drawings issued for the construction

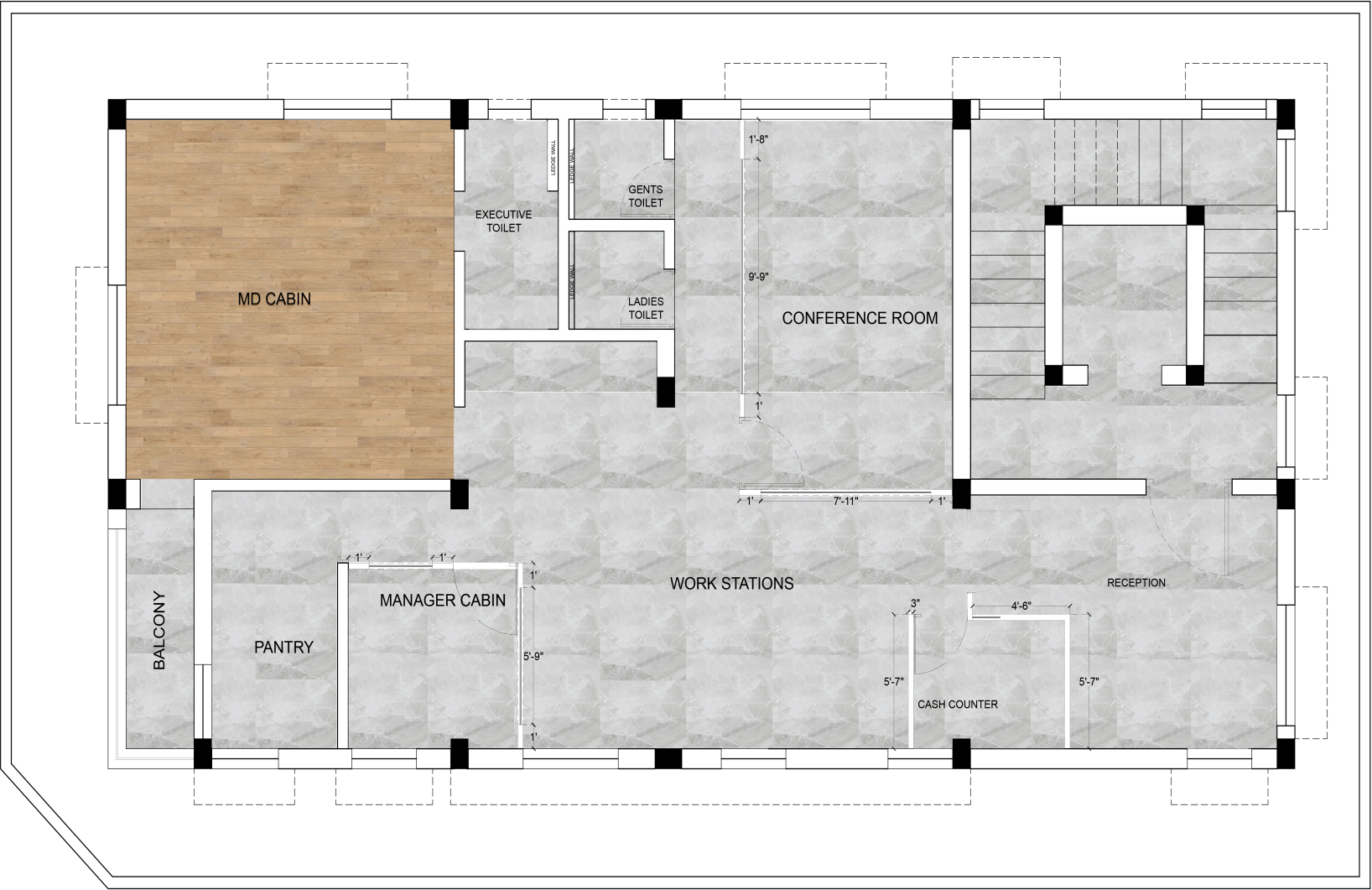
ABOUT THE PROJECT

Aqua deepak is an Interior Design project that consist of three floors. First floor consist of office space, second and third floors consist of residence. This project estimated completion time was four months and its an ongoing project. The exterior works and civil works are done from the client side. The compound wall design, construction along with execution is done by firm



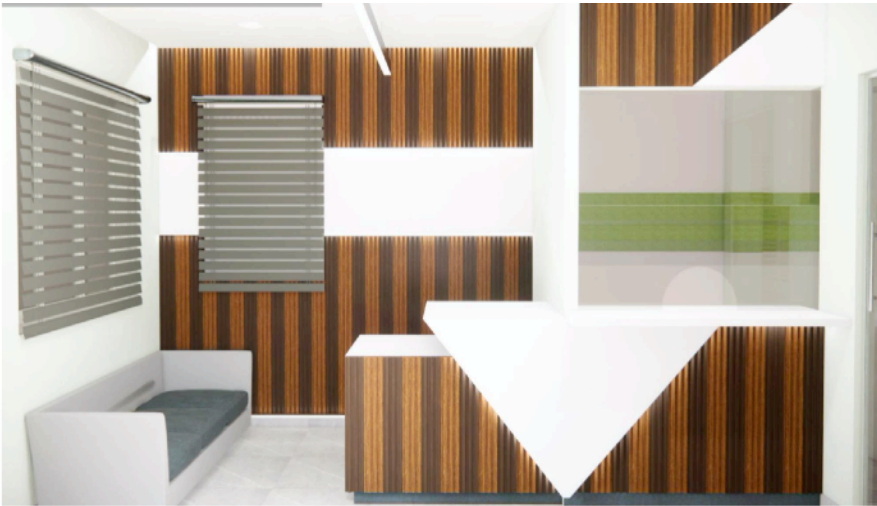
EXTERIOR VIEW

INTERIOR LAYOUT



WOODEN LAMINATE FLOORING FOR MD ROOM

GREY TILE FLOORING FOR OTHER OFFICE AREAS



RECEPTION VIEW



WORK STATION VIEW



CONFERENCE ROOM VIEW



MANAGING DIRECTOR ROOM VIEW



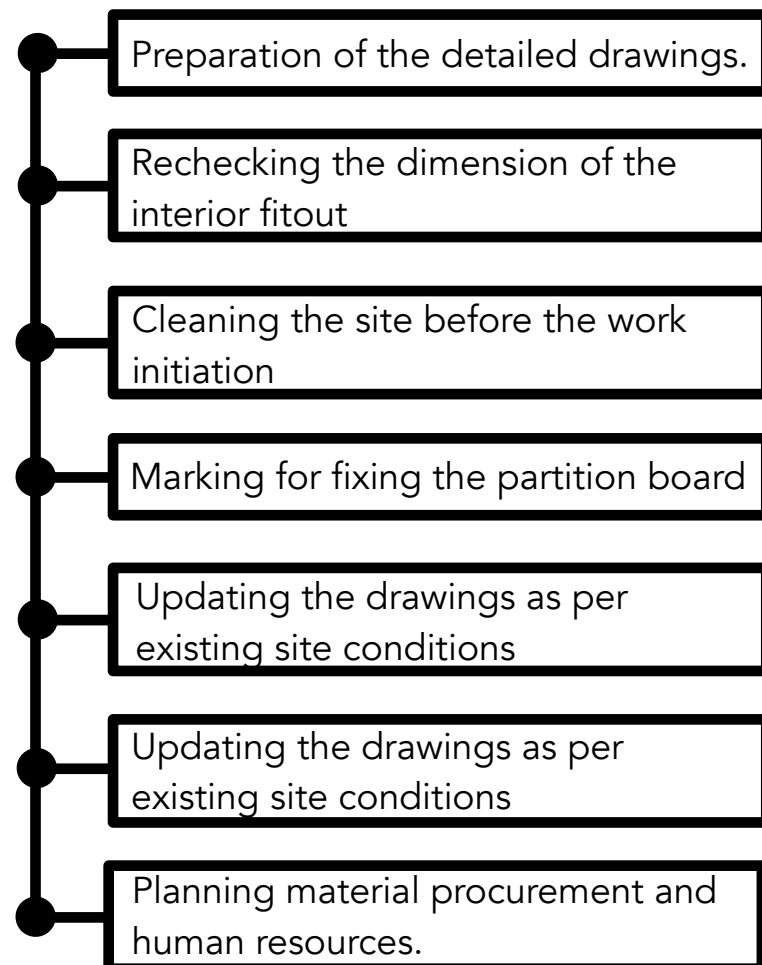
MD TOILET VIEW

ABOUT THE PROJECT

SCOPE THE PROJECT

- Aqua deepak is a Turnkey Interior Design project with estimated work completion duration of four months.
- The scope lies in the completion of the project in the stipulated time. The time delay happens at times which should be handled and sorted out properly to bring back in track.
- When the schedule is being prepared and tracked the main idea is to look after the triple constraints known as the Cost, Time and Quality.
- The client is planning to destruct the kitchen one side wall and extend the wall till the balcony covering it. This civil work scope is on client side.

ACTIVITIES INVOLVED IN THE PROJECT



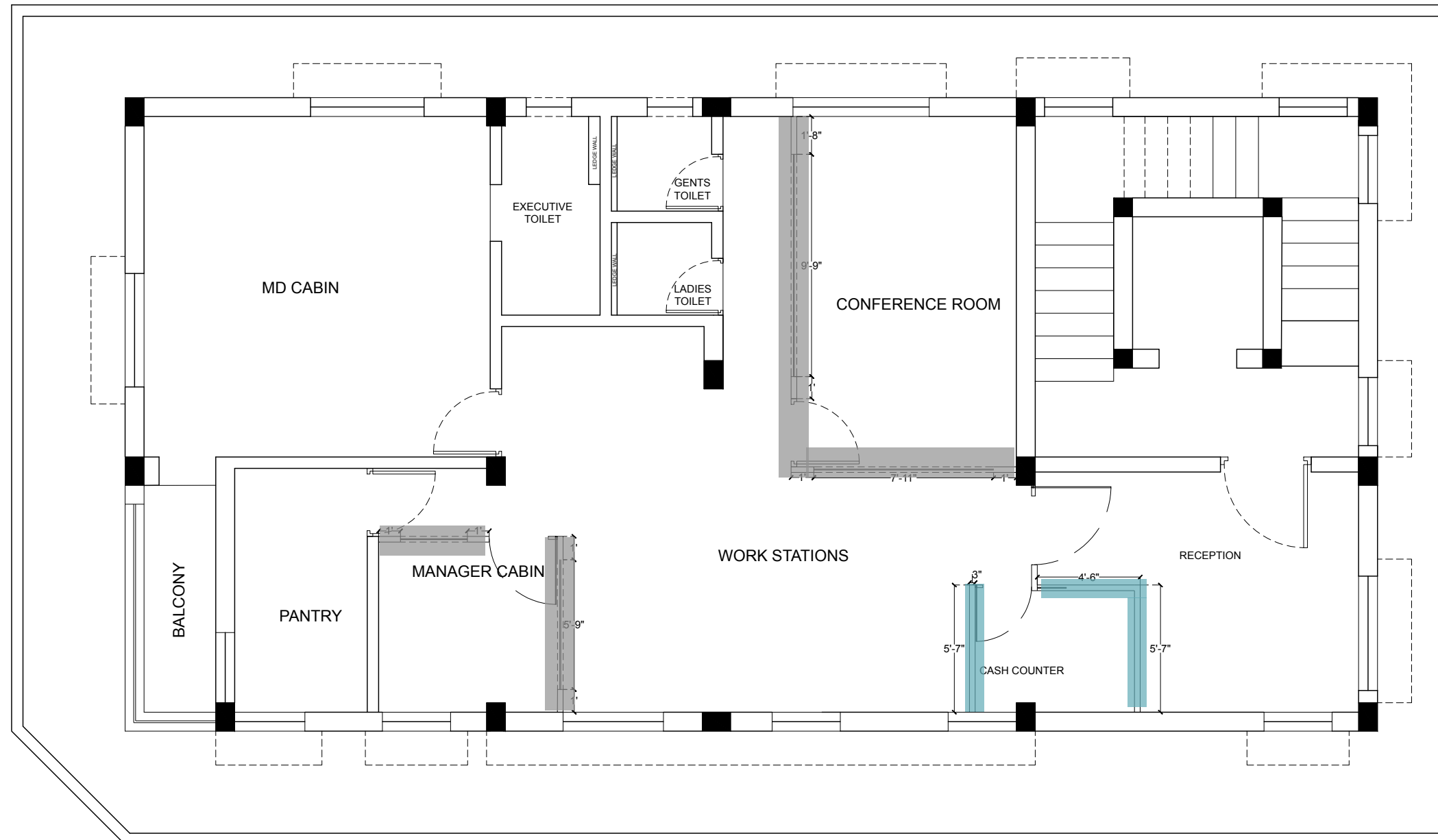
TYPES OF WORKS CARRIED OUT IN THE INTERIOR PROJECT

- PLUMBING WORKS
- ELECTRICAL WORKS
- HVAC WORKS
- NETWORKING
- ACCESS CONTROL SYSTEM
- FLOORING WORK
- PARTITION
- PANELLING
- FURNITURE WORKS
- GLAZING WORK
- FALSE CEILING WORK
- PAINTING WORK
- MISCELLANEOUS
- CCTV WORK
- INTERIOR CLADDING WORKS



SEQUENCE OF WORK IN THE SITE

- The work was initiated from cleaning the site followed by fixing the temporary lights.
- Electrical work including point wiring and plumbing pipe laying work are done simultaneously.
- Air conditioner lines are laid along with networking lines.
- Detector lines are laid and above that ceiling detectors are placed.
- Flooring work is initiated after the above mentioned work, based on estimated time this consumes long duration. Lift wall marble laying along with staircase granite is done.
- Marking of the partition take place followed by the laying of one side board of the partition. The wiring work for the partition are done after this.
- Before the final board fixation of false ceiling AC ducting and electrical work are done.
- Panelling works for headboard and home theater is done.
- Customized furnitures are done in the site.
- Indoor units of AC are fixed and once the ducting is done grills and diffusers are fixed.
- Gypsum and Wooden false ceiling work are carried out after partition work initiated with channel fixing followed by board fixing.
- Placing of lights fittings, plumbing fittings and detectors.
- Putty work is initiated both in the wall and ceiling followed by the painting work. Furniture painting work is also done.
- Glazing works for handrail and partition are done with care.
- The modular items are procured to the site meanwhile and fixing is done. The storage units are fixed.
- The reception logo work, signage work and venetian roller blind along with curtain fixing in other areas are done.



GYPSUM BOARD PARTITION

GYPSUM WITH GLASS PARTITION



PARTITION WORK SEQUENCE

- Marking of the partition
- Fixing of GI Section of Studs.
- Next one side Gypsum board is fixed.
- The electrical wiring works are done. The other side is closed once the data and electrical lines are placed inside.
- After finishing the partition fixing joint putty is done by mesh tape.
- Finally putty is applied.

PROPERTIES OF GYPSUM

- Light weight
- High Strength
- Fire resistance
- Sound Isolation with acoustical property
- High Ductility

FEATURES OF PARTITION

- Quick installation stands as a important advantages for the commercial spaces.
- Flexible to use which is user friendly.
- Cost effective with good aesthetics.
- Thermal security with resistance.
- Available in different types of finishes.
- Dry construction.
- Dimensional stability, no expansion or contraction during or after setting.

ELECTRICAL WORKS

POINT WIRING

CIRCUIT LAYING

DISTRIBUTION BOARDS

L.T CABLES

CABLE TERMINATION

SOCKETS

ALUMINIUM TRUNKING BOX

SUPPLY AND INSTALLATION
OF LIGHTS

EARTHING

POINT WIRING

- A Point wiring shall include all work necessary in complete wiring to the light points / fan / exhaust fan / call bell point from the controlling switch.
- It includes the following materials
 - Fixing the conduit
 - Supply of wires
 - Drawing of wires
 - Testing of wires
 - Commissioning of wires

CEILING WORKS

• TYPES OF CEILING

- Gypsum ceiling
- Grid ceiling

ADVANTAGES OF GYPSUM

- Ease Installation techniques
- Fire resistance material
- Sound Isolation with acoustical property
- Durability for long duration
- Cost effective to improve Economy
- Versality

MATERIAL USED

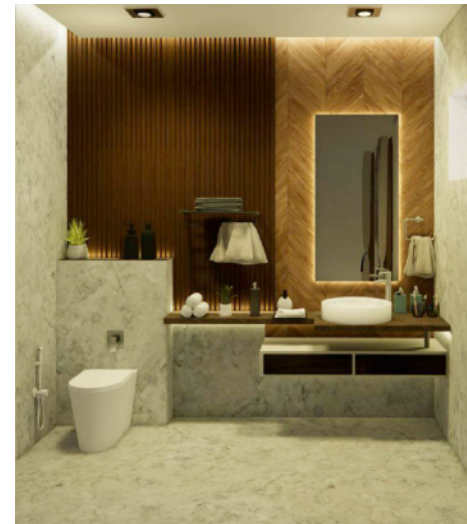
- Gypsum board for covering
- GI Framework support
- Mesh tape for fixing the gypsum board
- Putty for joint
- Mineral Fibre board for acoustics
- Steel grids
- GI wire

MAKING OF GYPSUM CEILING

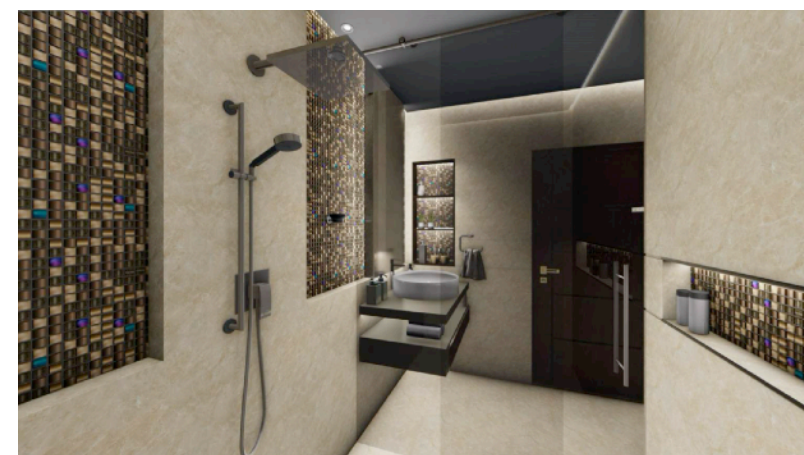
- Done after the partition work
- Marking the ceiling height in side walls
- The studs are the been suspended from the ceiling and been fixed at bottom with GI section.
- Once the base is ready, then the gypsum board is fixed at the bottom with the help of the screws.
- Then as a final step the gypsum board are finished with mesh tape and joint putty.

PLUMBING WORKS

Plumbing works done for the office space and the residential areas.



COMMON & PARENTS TOILET

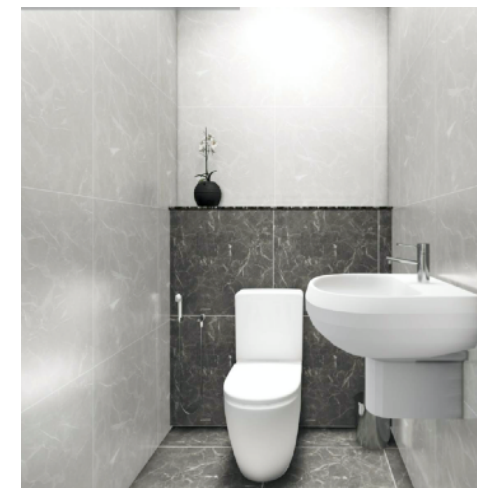


SANITARY BRANDS

- PARRYWARE for staff toilets and other toilets
- CERA for MD toilets
- JAGUAR for MD toilets.

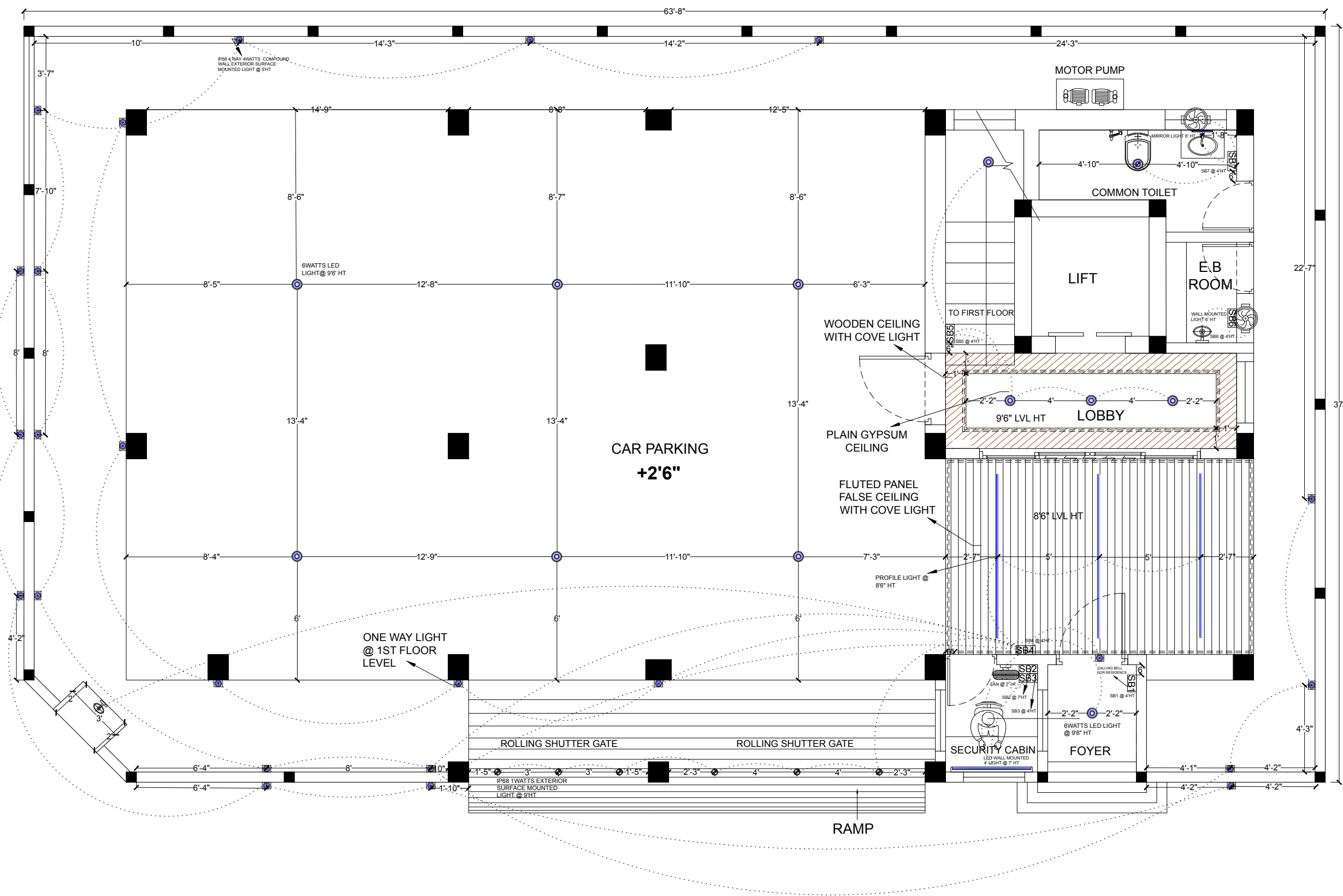


GUEST BEDROOM TOILET



STAFF TOILET

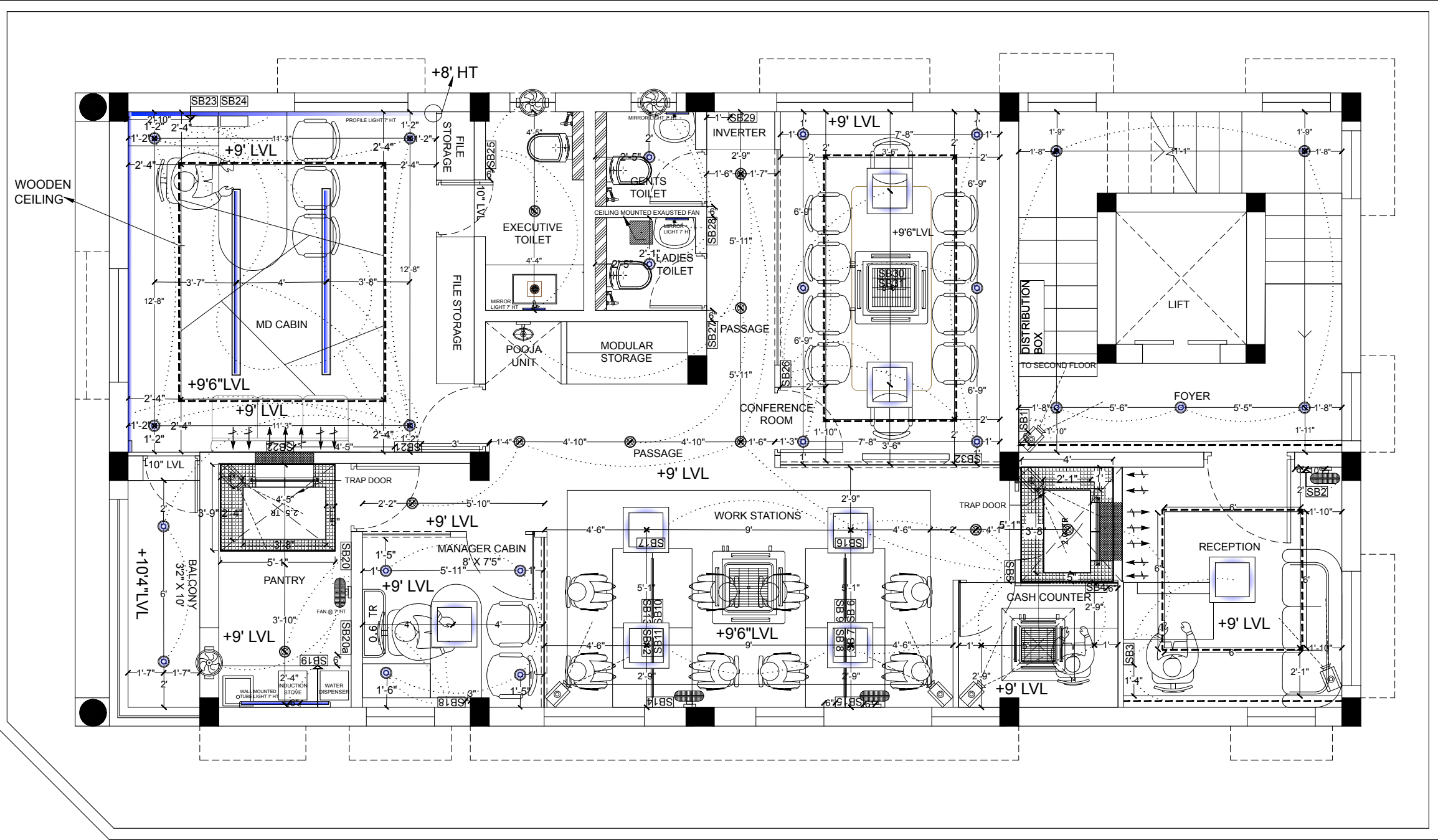
PROPOSED ELECTRICAL LIGHTING AND REFLECTED CEILING LAYOUT - STILT FLOOR PLAN



LEGENDS			
SB	DESCRIPTION	MD	HT
GROUND FLOOR			
FOYER			
SB 1		1	4'
SECURITY CABIN			
SB 2		2	7'
SB 3		2,6	4'
CAR PARKING			
SB 4		10,6	4'
LOBBY			
SB 5		3,3	4'
EB ROOM			
SB 6		6	4'
COMMON TOILET			
SB 7		3	4'

	8' PROFILE LIGHT	3 Nos
	1' MIRROR LAMP	1 Nos
	6WATTS LED LIGHT	11 Nos
	IP68 1WATTS EXTERIOR SURFACE MOUNTED LIGHT	6 Nos
	WALL MOUNTED Point LIGHT	2 Nos
	EXHAUST FAN	2 Nos
	WALL MOUNTED OSCILLATING FAN	1 Nos
	IP68 4 WAY 4WATTS COMPOUND WALL EXTERIOR SURFACE MOUNTED LIGHT	19 Nos
	4' WALL MOUNTED LED LIGHT	1 Nos
	COVE LIGHT	23 Mtr
	IP68 1 WAY 2WATTS COLUMN EXTERIOR SURFACE MOUNTED LIGHT @ 1ST FLOOR LEVEL	5 Nos

PROPOSED ELECTRICAL LIGHTING AND REFLECTED CEILING LAYOUT - FIRST FLOOR PLAN



FIXTURES	DESCRIPTION	QTY
	2'x2' VERGE LIGHT DROP DOWN	8
	LED 15W ROUND LIGHT FITTING	10
	LED 6W ROUND LIGHT FITTING	23

	WALL MOUNTED OSCILLATING FAN	4
	0.6TR SPLIT AC	1
	PROFILE LIGHT	38 Mtr
	CEILING MOUNTED EXHAUSTED FAN	1

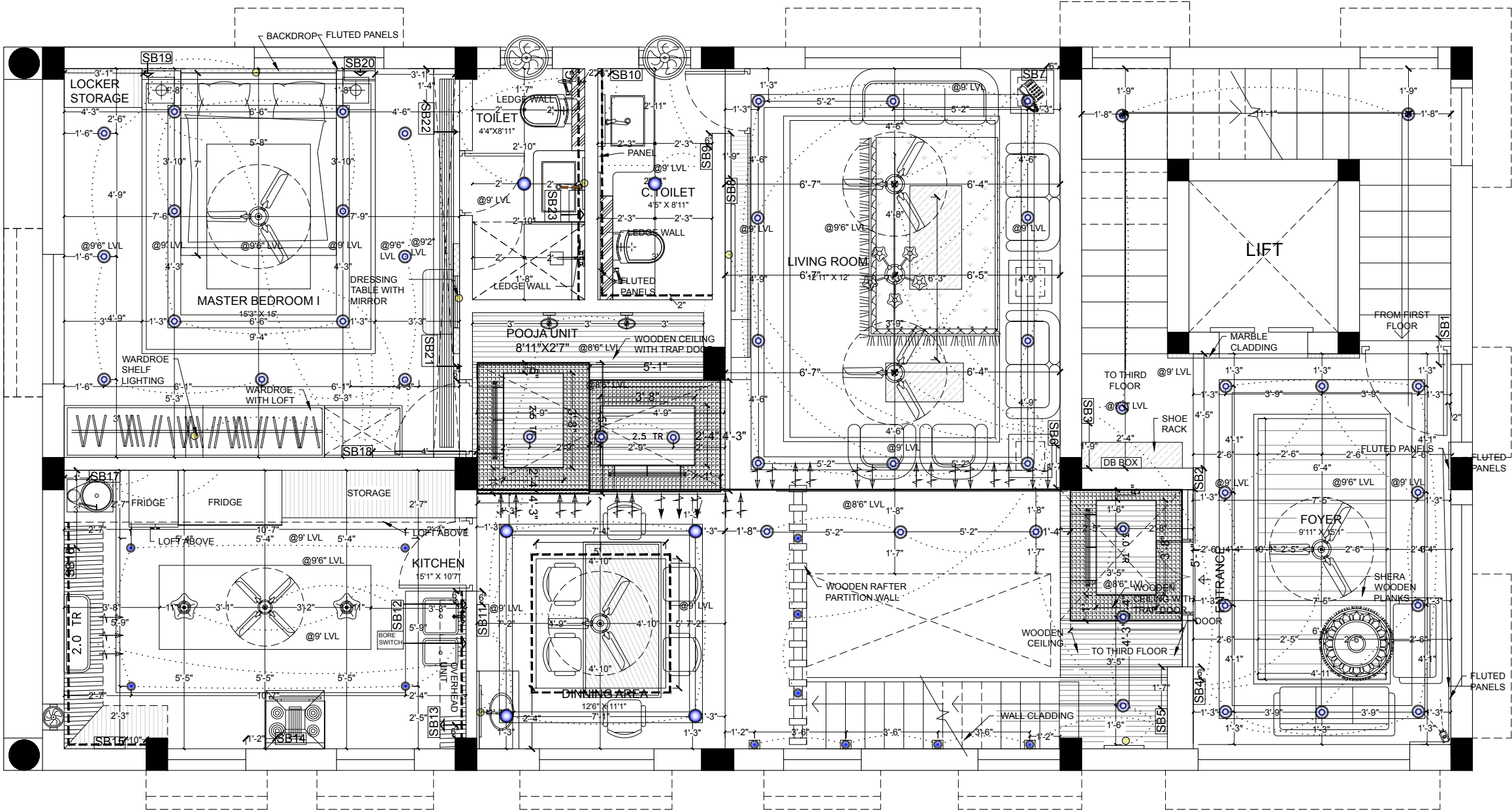
	6" dia EXHAUST FAN	2
	10" dia EXHAUST FAN	1
	SPLIT AC	1
	CASSETTE AC	3

	8' HANGING LIGHT	2
	4' WALL MOUNTED LIGHT	1
	1' MIRROR LAMP	3

	CCTV	7
	WALL MOUNTED LIGHT	1
	CEILING MOUNTED EXHAUSTED FAN	1
	RAW POWER EMERGENCY LIGHT GYPSUM FALSE CEILING	

LEGENDS			
OFFICE			
SB	DESCRIPTION	MD	HT
FOYER			
SB 1		4	4'
RECEPTION			
SB 2		3	7'
SB 3		4,12	4'
CASH COUNTER			
SB 4		4,12	4'
WORKSTATIONS			
SB 5		10	4'
SB 6		6	2'
SB 7		6	2'
SB 8		6	2'
SB 9		6	2'
SB 10		6	2'
SB 11		6	2'
SB 12		6	2'
SB 13		6	2'
SB 14		3	7'
SB 15		3	7'
SB 16		3	4'
SB 17		3	4'
MANAGER CABIN			
SB 18		2	8'
SB 18ac	AC	2	8'
PANTRY			
SB 19		6	4'
SB 20		3,6	4',7'
SB 20a		6	4'
MD CABIN			
SB 21		8	4'
SB 22		6,2	9'
SB 23		8,3	2'
SB 24		10	2'
SB 25		3	4'
CONFERENCE ROOM			
SB 26		8	4'
SB 27		3	4'
SB 28		6	4'
SB 29		6	4'
SB 30		6	4'
SB 31		6	2'
SB 32		6	9'

PROPOSED ELECTRICAL LIGHTING AND REFLECTED CEILING LAYOUT - SECOND FLOOR PLAN



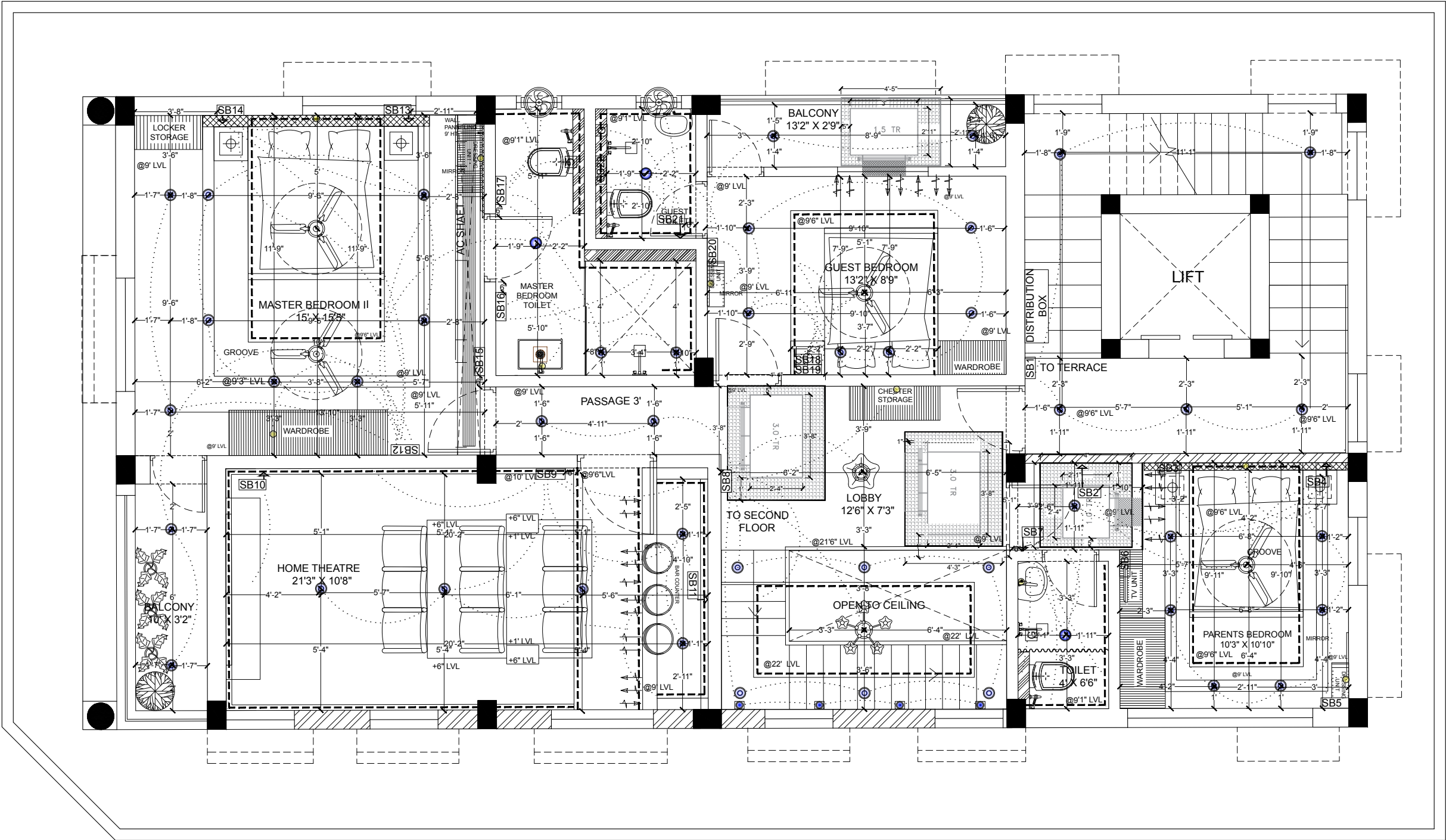
LEGEND		MD HT	
SB	DESCRIPTION		
FOYER			
SB1	CALLING BELL	1	4'
SB2	CALLING BELL	1	4'
SB3		4	4'
SB4		8	4'
LIVING ROOM			
SB5		4	4'
SB6		12,6	4'
SB7		6	4'
SB8	TV	12	2'2"
COMMON TOILET			
SB9		6	4'
SB10		4	4'
DINNING ROOM			
SB11		12	4'
KITCHEN			
SB12	RO	10,2	5'
SB13		6	4'
SB14	CHIMNEY	3	7'
SB15		6	4'
SB16		2	4'
SB17	FRIDGE	4	7'
MASTER BEDROOM 1			
SB18		10	4'
SB19		8	2'2"
SB20		6	2'2"
TOILET			
SB21			
SB22		4	3'6"
SB23		4	3'6"
G	G	3	8'

FIXTURES	DESCRIPTION	QTY
	4' Ø CEILING FAN	5+1
	LED 6W ROUND LIGHT FITTING	45
	LED 12W ROUND LIGHT FITTING	10

	LED 2W ROUND LIGHT FITTING	3
	CHANDLIER	1
	PROFILE LIGHT	68 Mtr
	PROFILE LIGHTS FOR FURNITURES	

--

PROPOSED ELECTRICAL LIGHTING AND REFLECTED CEILING LAYOUT - THIRD FLOOR PLAN



FIXTURES	DESCRIPTION	QTY
	4' Ø CEILING FAN	3
	LED 6W ROUND LIGHT FITTING	47
	LED 12W ROUND LIGHT FITTING	3

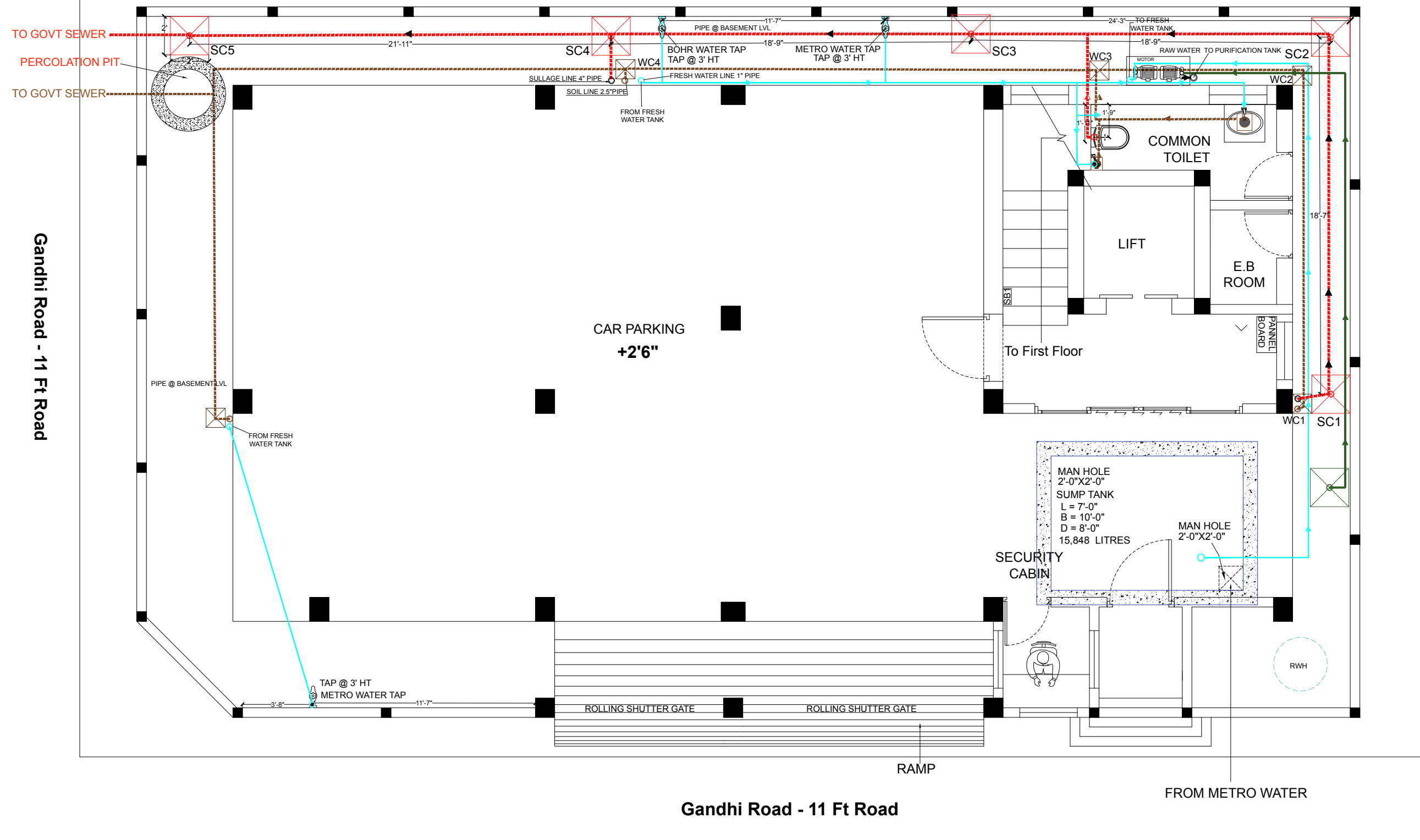
	UPLIGHT	
	CHANDLIER	1
	PROFILE LIGHT	70 Mtr
	PROFILE LIGHTS FOR FURNITURES	

	6" dia EXHAUST FAN	3
	GEYSER	3
	HANGING LIGHT	1

	WOODEN CEILING WITH TRAP DOOR
	SHERA WOODEN PLANKS CEILING
	RAW POWER EMERGENCY LIGHT
	GYPSUM FALSE CEILING

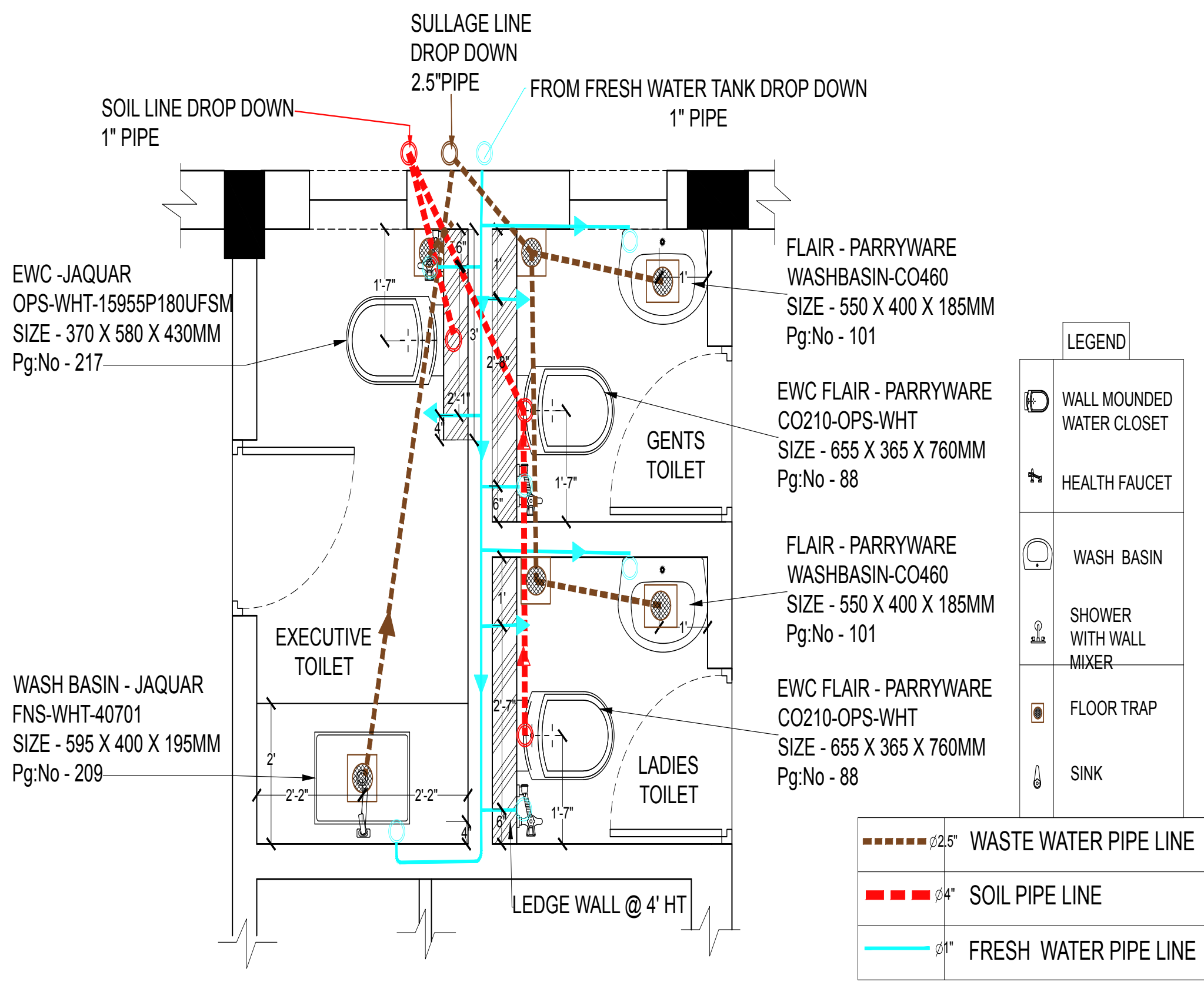
LEGEND			
SB	DESCRIPTION	MD	HT
LIFT LOBBY			
SB1		4	4'
PARENTS BEDROOM II			
SB2		10	4'
SB3		6	2'2"
SB4		6	2'2"
SB5		4	3'6"
SB6		8	3'
TOILET			
SB7		6	4'
G		3	8'
LOBBY			
SB8		6,3	4'
HOME THEATER			
SB9		6	2'2"
SB10		6,4	2'2"
SB11		8	3'
MASTER BEDROOM			
SB12		8,3	4'
SB13		4	2'2"
SB14		6	2'2"
SB15		4	4'
TOILET			
SB16		4	3'6"
SB17		8	4'
G		3	8'
GUEST BEDROOM			
SB18		6	4'
SB19		6	2'
SB20		6	3'6"
TOILET			
SB21		6	4'
SB22		4	3'6"
G		3	8'

PROPOSED PLUMBING LAYOUT - STILT FLOOR PLAN

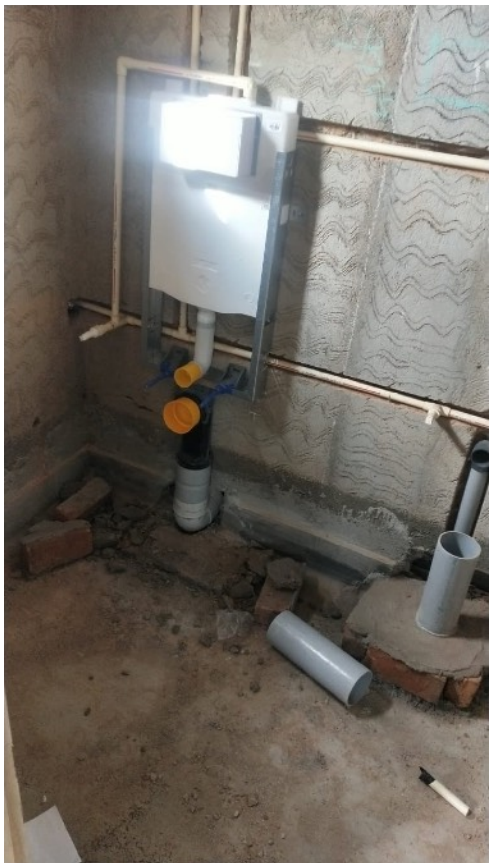


LEGEND									
	WALL MOUNDED WATER CLOSET	3 NOS		WASH BASIN	1 NOS		FLOOR TRAP		WASTE WATER PIPE LINE
	HEALTH FAUCET	1 NOS		SHOWER WITH WALL MIXER	1 NOS		SINK		SOIL PIPE LINE
									FRESH WATER PIPE LINE
									SOIL LINE CHAMBER
									RAIN WATER HARVESTING
									SULLAGE LINE CHAMBER

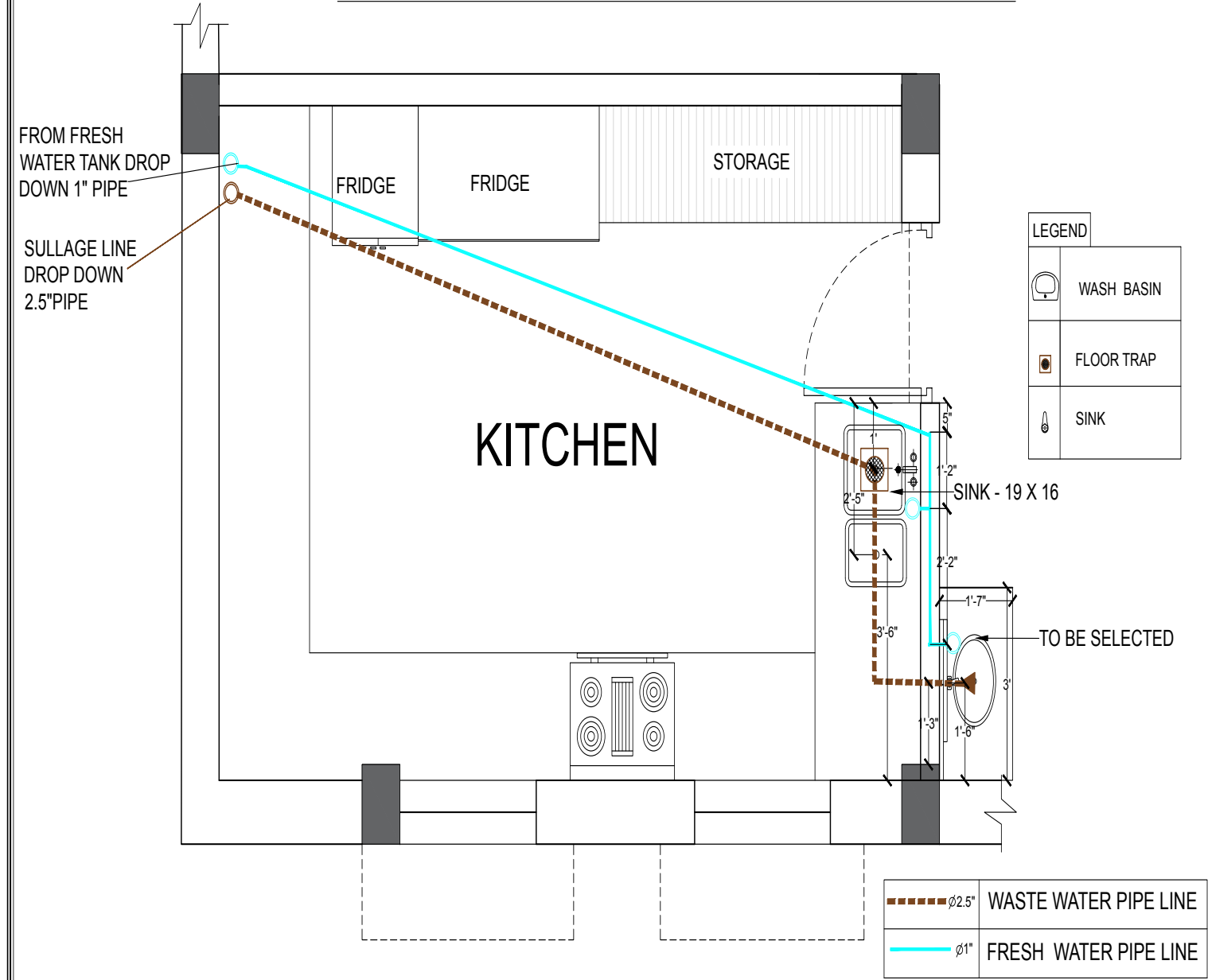
PLUMBING LAYOUT - FIRST FLOOR PLAN



The plumbing work is initiated with laying of pipelines. The cistern for water closet is fixed and ledge wall is built above the cistern covering it. Since its a concealed type of water closet cistern will be concealed inside the ledge wall even the pipelines. The site pictures shows the fixing of cistern and pipelines and the ledge wall covering.

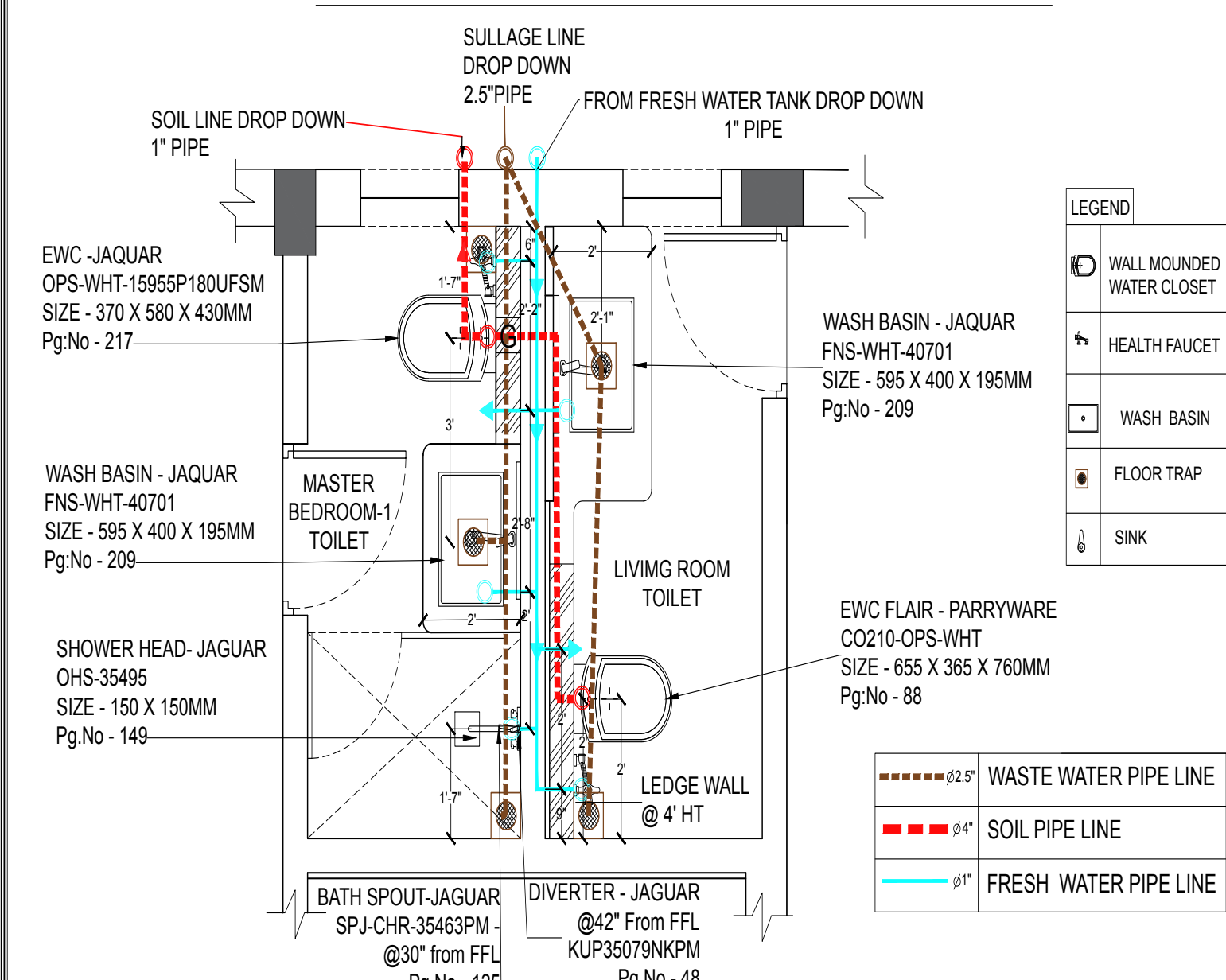


PLUMBING LAYOUT - SECOND FLOOR PLAN



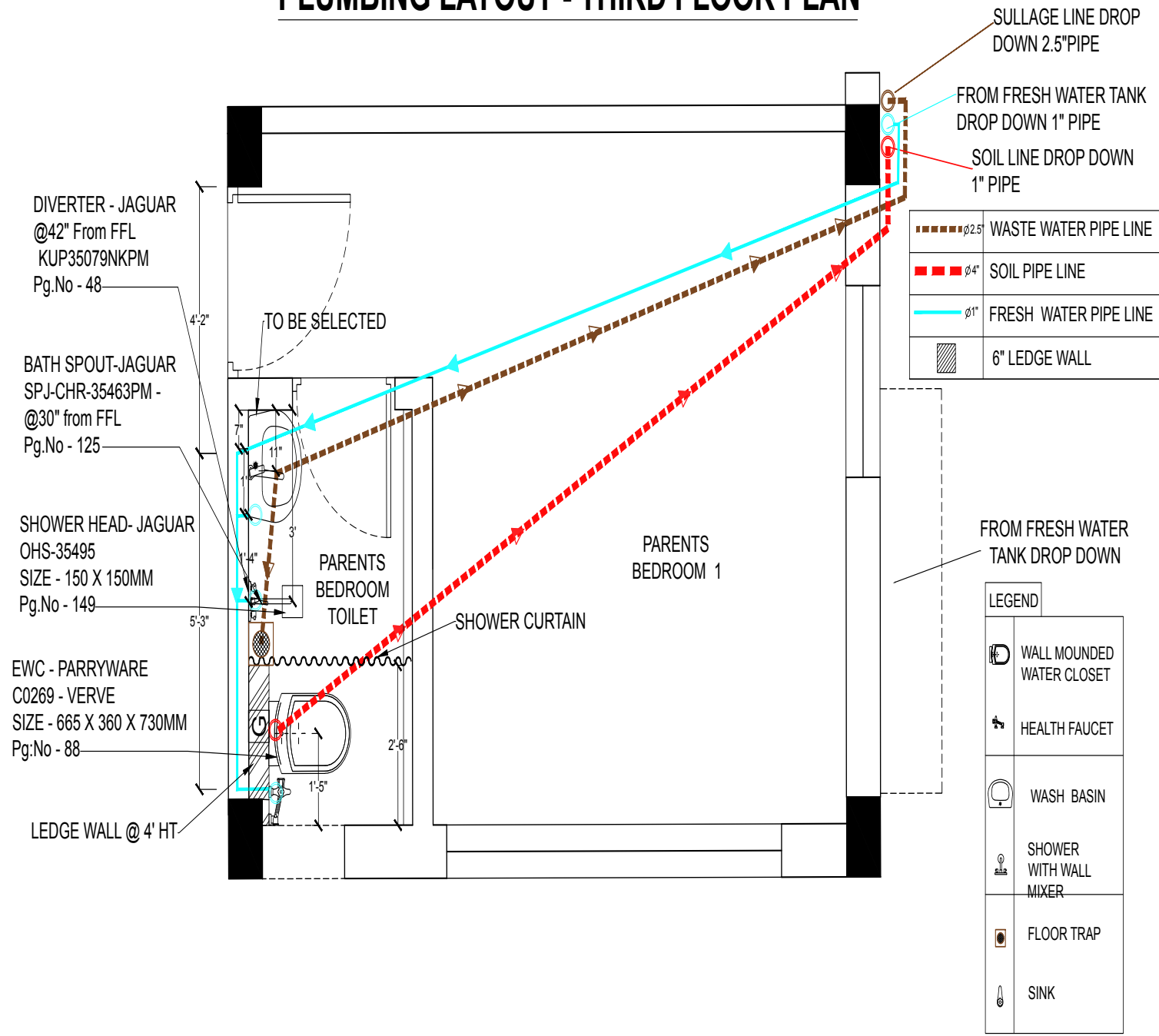
ARCHITECTS ADROIT DESIGN INDIA PVT LTD ARCHITECTURE & INTERIORS NO:8,MCN NAGAR EXT ROAD, MCN NAGAR EXTENSION, THORAIPAKKAM, CHENNAI 600097 E MAIL - fm@adroitdesigns.in		CLIENT M/S AQUADEEPAK EMPIRE, ANNA NAGAR, CHENNAI.	PROJECT PROPOSED INTERIOR FOR, M/S AQUADEEPAK EMPIRE, ANNA NAGAR, CHENNAI.	<table><tr><td>ARCHITECT</td><td>FRANKLIN MAXWELL</td></tr><tr><td>DRAWN BY</td><td>ARSHYA</td></tr><tr><td>DATE</td><td>27TH NOV, 2021</td></tr><tr><td>PLINTH AREA</td><td>1540 S.FT</td></tr><tr><td>PLOT AREA</td><td>2343 S.FT</td></tr></table>	ARCHITECT	FRANKLIN MAXWELL	DRAWN BY	ARSHYA	DATE	27TH NOV, 2021	PLINTH AREA	1540 S.FT	PLOT AREA	2343 S.FT	<table><tr><td>DWG TITLE</td><td>PLUMBING LAYOUT</td></tr><tr><td>PROJECT NO</td><td>INT/202/09/2021</td></tr><tr><td>REVISION NO</td><td>01</td></tr><tr><td>OPTION NO</td><td>01</td></tr><tr><td>DRAWING NO</td><td>01</td></tr></table>	DWG TITLE	PLUMBING LAYOUT	PROJECT NO	INT/202/09/2021	REVISION NO	01	OPTION NO	01	DRAWING NO	01	SECOND FLOOR PLAN	
ARCHITECT	FRANKLIN MAXWELL																										
DRAWN BY	ARSHYA																										
DATE	27TH NOV, 2021																										
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PROJECT NO	INT/202/09/2021																										
REVISION NO	01																										
OPTION NO	01																										
DRAWING NO	01																										

PLUMBING LAYOUT - SECOND FLOOR PLAN

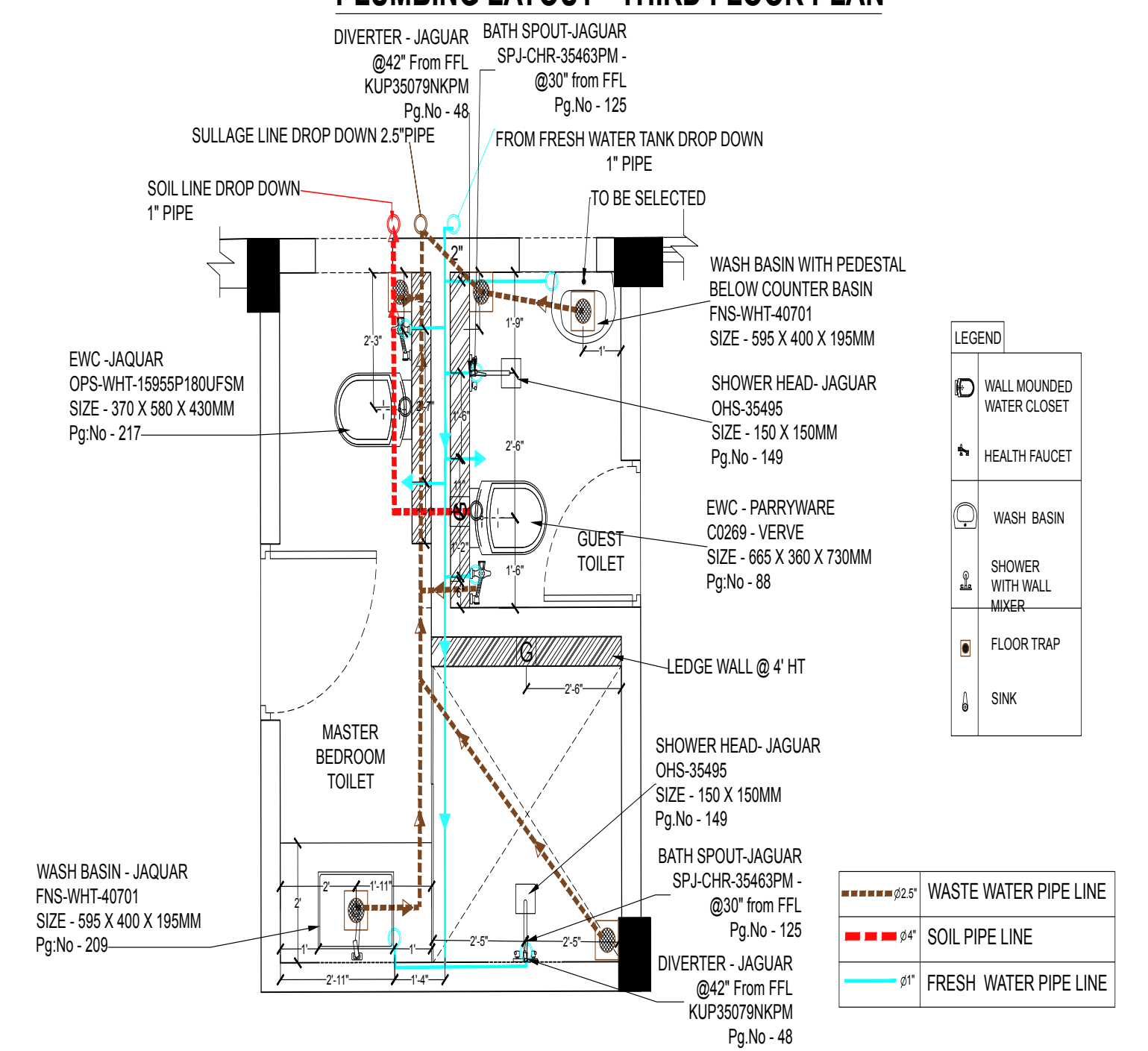


ARCHITECTS	CLIENT	PROJECT	ARCHITECT	FRANKLIN MAXWELL	DWG TITLE	PLUMBING LAYOUT	SECOND FLOOR		
ADROIT DESIGN INDIA PVT LTD ARCHITECTURE & INTERIORS NO:8,MCN NAGAR EXT ROAD, MCN NAGAR EXTENSION, THORAIPAKKAM, CHENNAI 600097 E MAIL - fm@adroitdesigns.in	M/S AQUADEEPAK EMPIRE, ARUMBAKKAM, CHENNAI.	PROPOSED INTERIOR FOR, M/S AQUADEEPAK EMPIRE, ARUMBAKKAM, CHENNAI.	DRAWN BY	ARSHYA	PROJECT NO	INT/202/09/2021			
			DATE	27TH NOV, 2021	REVISION NO	01			
			PLINTH AREA	1540 S.FT	OPTION NO	01			
			PLOT AREA	2343 S.FT	DRAWING NO	01			

PLUMBING LAYOUT - THIRD FLOOR PLAN



PLUMBING LAYOUT - THIRD FLOOR PLAN



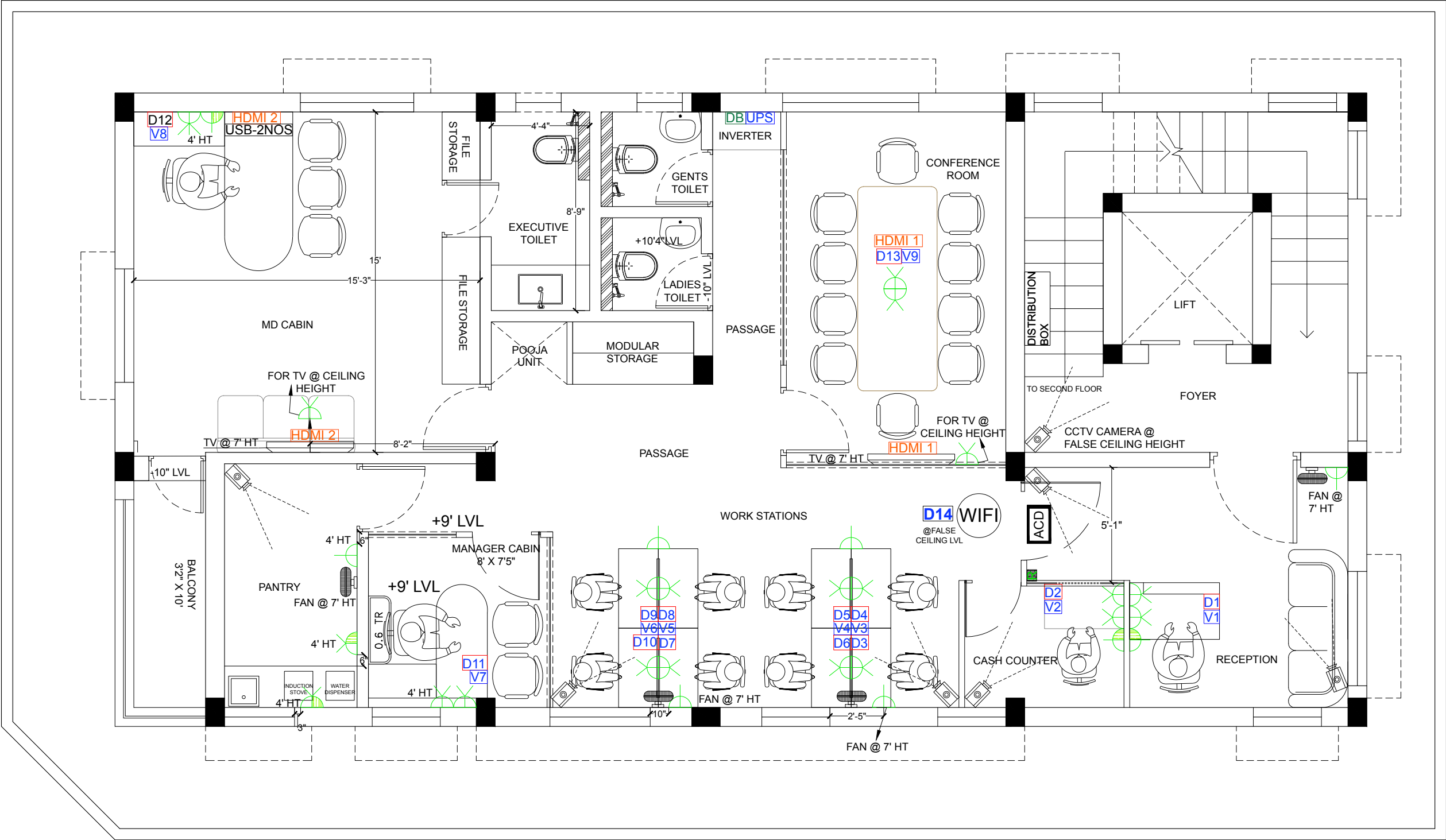
ARCHITECTS ADROIT DESIGN INDIA PVT LTD ARCHITECTURE & INTERIORS NO:8,MCN NAGAR EXT ROAD, MCN NAGAR EXTENSION, THORAIPAKKAM, CHENNAI 600097 E MAIL - fm@adroitdesigns.in	CLIENT M/S AQUADEEPACK EMPIRE, ANNA NAGAR, CHENNAI.	PROJECT PROPOSED INTERIOR FOR, M/S AQUADEEPACK EMPIRE, ANNA NAGAR, CHENNAI.	ARCHITECT	FRANKLIN MAXWELL	DWG TITLE	PLUMBING LAYOUT
			DRAWN BY	ARSHYA	PROJECT NO	INT/202/09/2021
			DATE	27TH NOV, 2021	REVISION NO	01
			PLINTH AREA	1540 S.FT	OPTION NO	01
			PLOT AREA	2343 S.FT	DRAWING NO	01

THIRD FLOOR PLAN

ARCHITECTS ADROIT DESIGN INDIA PVT LTD ARCHITECTURE & INTERIORS NO:8,MCN NAGAR EXT ROAD, MCN NAGAR EXTENSION, THORAIPAKKAM, CHENNAI 600097 E MAIL - fm@adroitdesigns.in	CLIENT M/S AQUADEEPACK EMPIRE, ARUMBAKKAM, CHENNAI.	PROJECT PROPOSED INTERIOR FOR, M/S AQUADEEPACK EMPIRE, ARUMBAKKAM, CHENNAI.	ARCHITECT	FRANKLIN MAXWELL	DWG TITLE	PLUMBING LAYOUT
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			PLINTH AREA	1540 S.FT	OPTION NO	01
			PLOT AREA	2343 S.FT	DRAWING NO	01

THIRD FLOOR

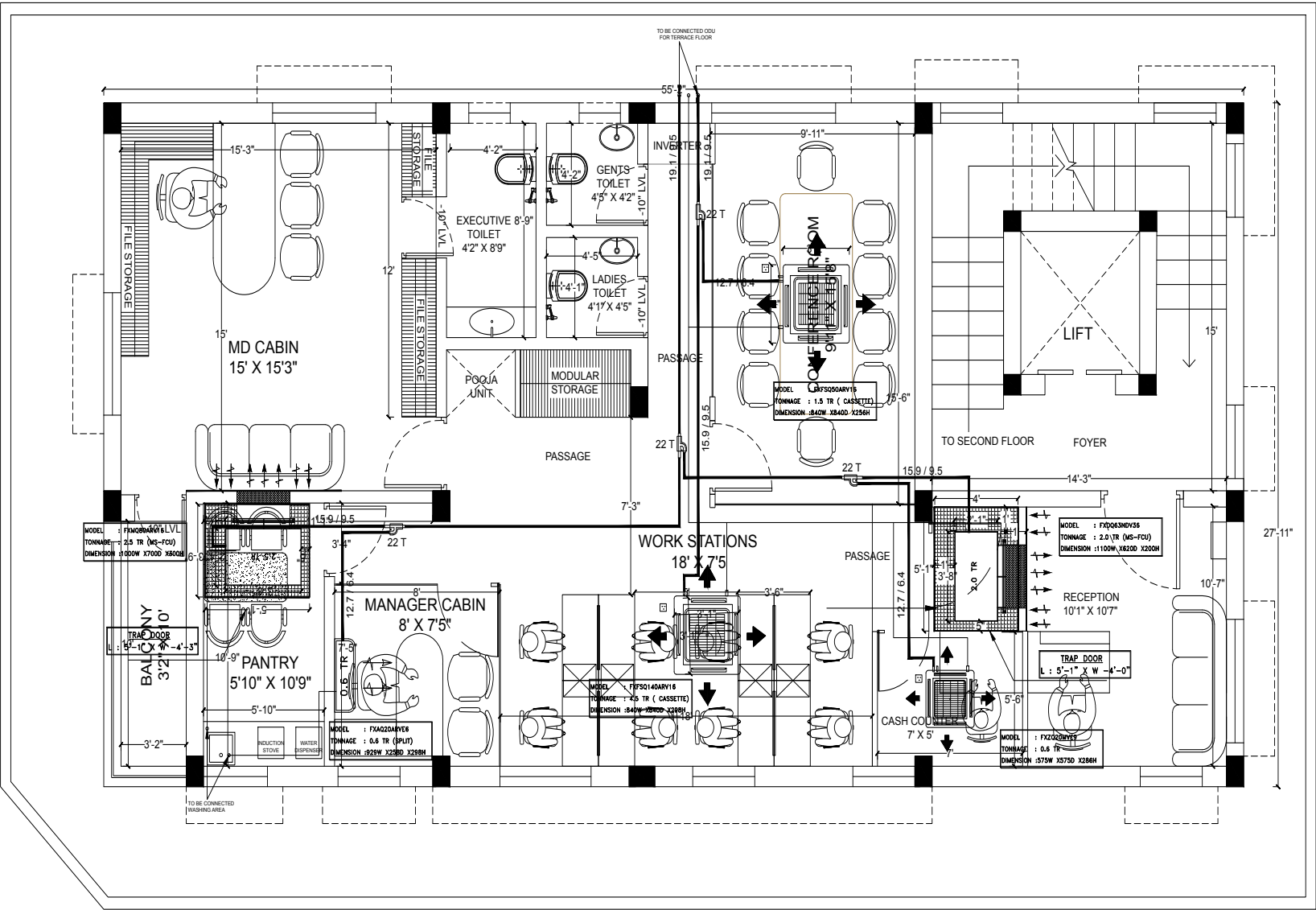
DATA AND VOICE, SWITCH AND SOCKET LAYOUT - FIRST FLOOR PLAN



NETWORKING LEGEND

	DATA	14 NOS		CCTV	7 NOS		HDMI	2 NOS		1 X 5A UNIVERSAL SWITCH & SOCKET	8 NOS		3 X 5A UNIVERSAL SWITCH & SOCKET	1 NOS		1 X 15A UNIVERSAL SWITCH & SOCKET	3 NOS		WALL MOUNTED FAN	4 NOS
	VOICE	9 NOS		ACCESS CONTROL	1 NOS		WIFI @ 9' Ht	1 NOS		2 X 5A UNIVERSAL SWITCH & SOCKET	18 NOS		1 X 32A UNIVERSAL SWITCH & SOCKET	1 NOS		2 X 15A UNIVERSAL SWITCH & SOCKET	2 NOS		USB	2 NOS

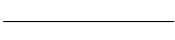
PROPOSED CIVIL LAYOUT - FIRST FLOOR PLAN



LEGENDS :-



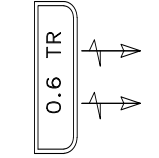
COPPER PIPES



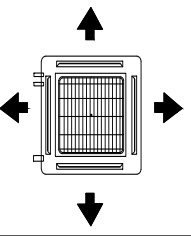
DRAIN PIPES



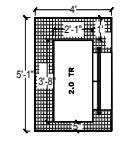
REFINET JOINTS



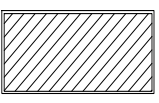
SPLIT UNIT



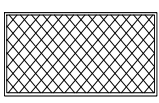
4-WAY CASSETTE UNIT



TRAP DOOR SIZES



SAD INSULATION

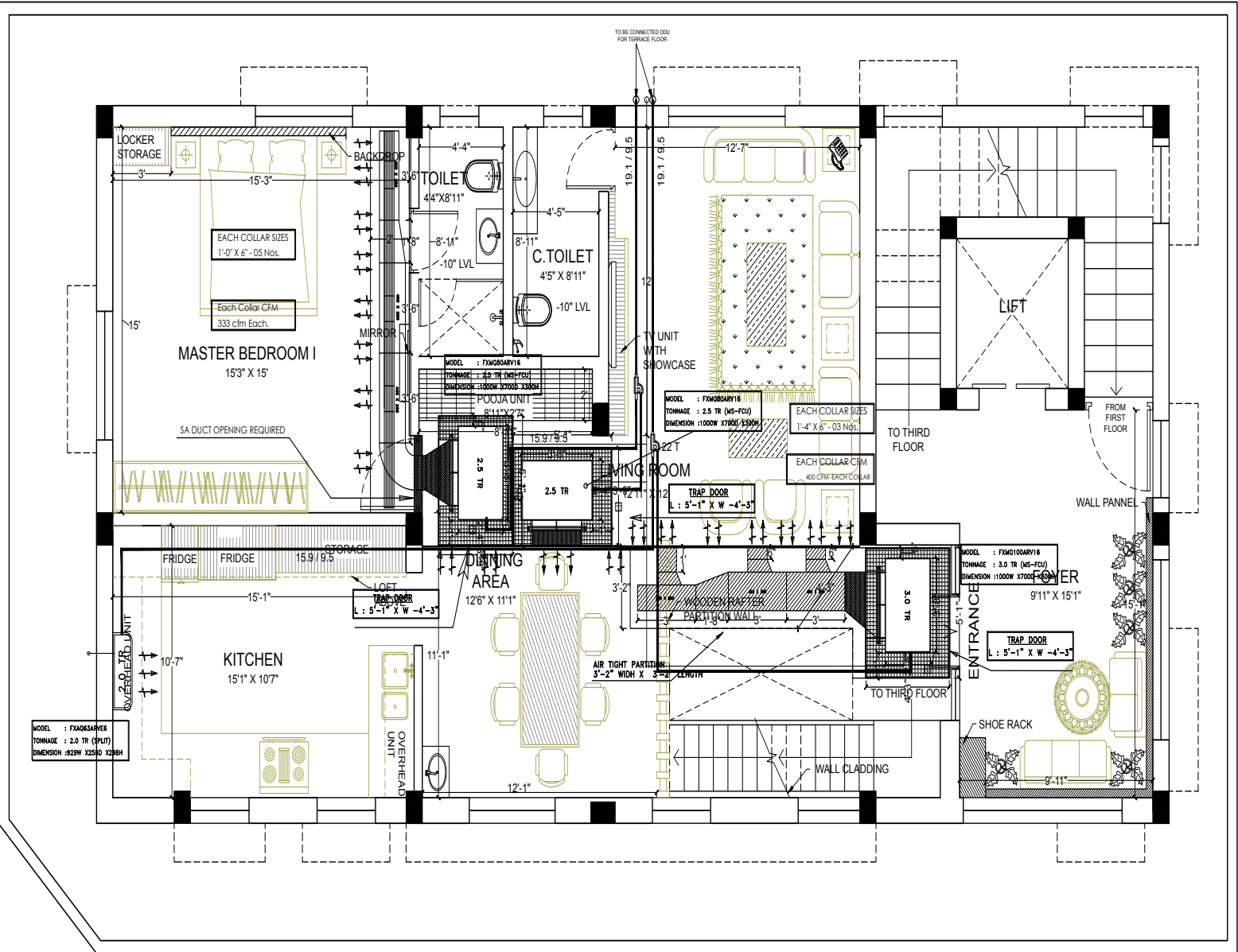


ACOUSTIC INSULATION

The Air conditioner ducting and wiring work is happening in the site as per the drawing. The scope was on the client side since the work was already initiated by them. Further work is proceeded by the firm side.



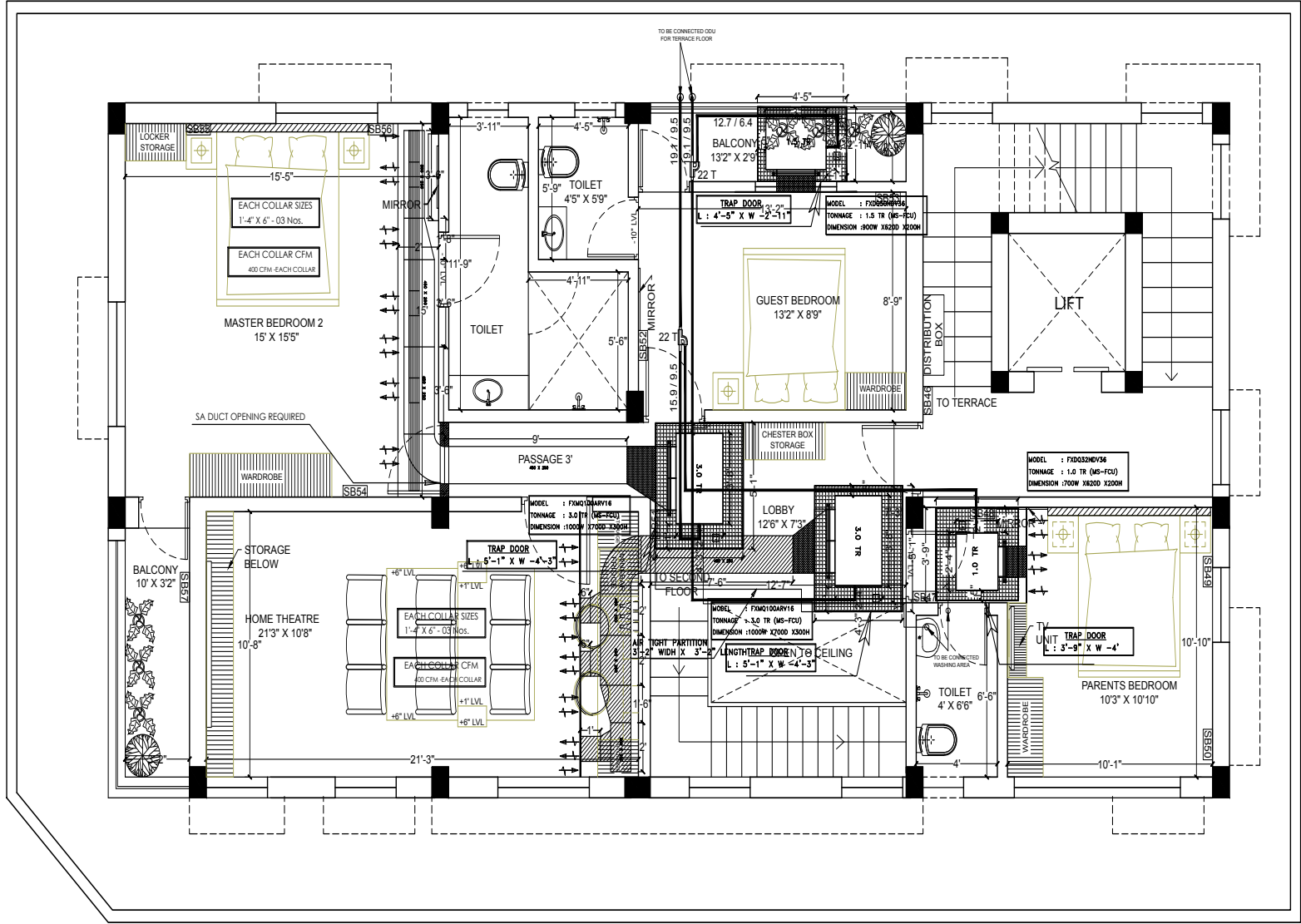
PROPOSED INTERIOR LAYOUT - SECOND FLOOR PLAN



LEGENDS :-	
	COPPER PIPES
	DRAIN PIPES
	REFINET JOINTS
	SPLIT UNIT
	4-WAY CASSETTE UNIT
	TRAP DOOR SIZES
	SAD INSULATION
	ACOUSTIC INSULATION



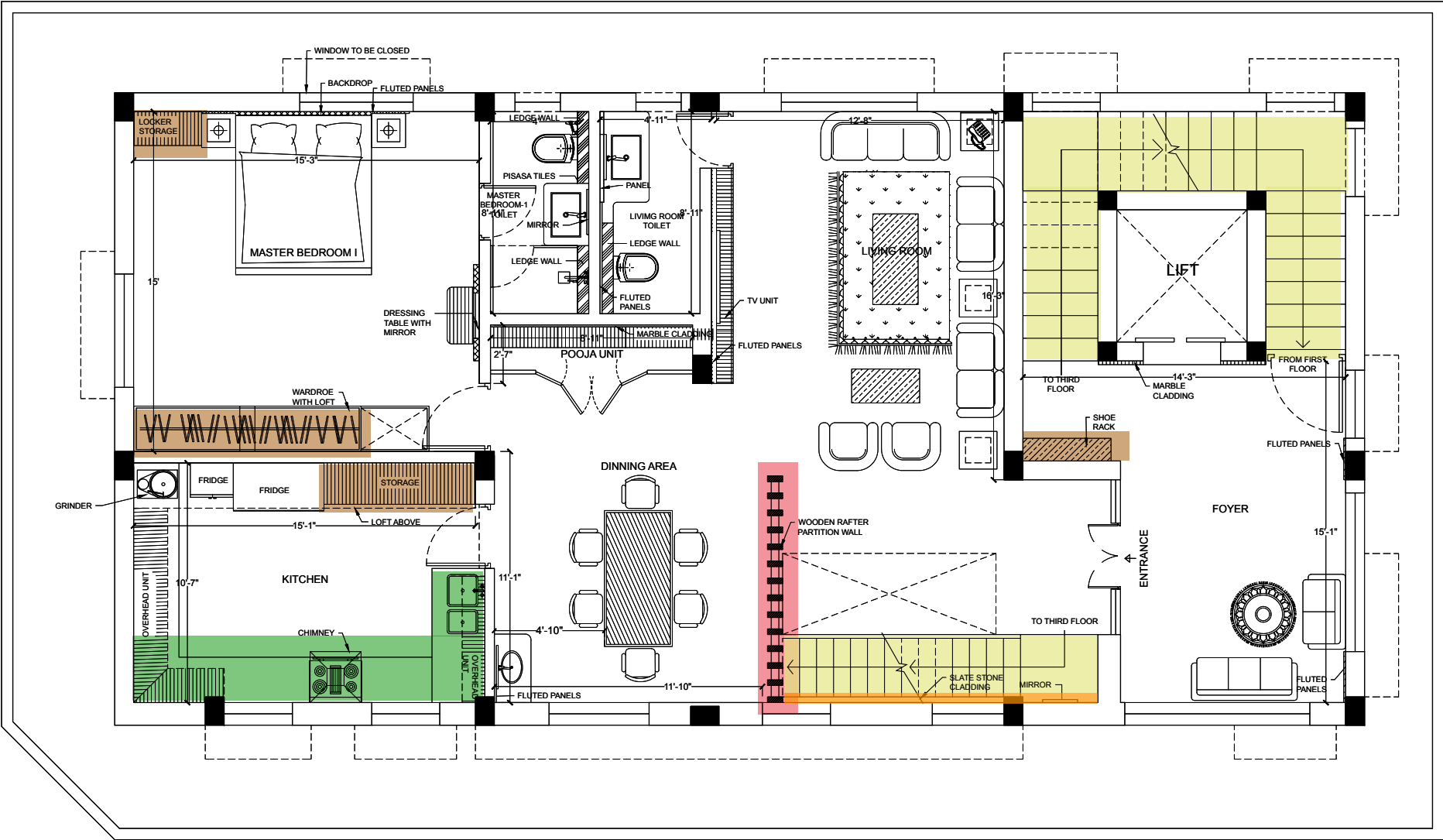
PROPOSED INTERIOR LAYOUT - THIRD FLOOR PLAN



LEGENDS :-	
	COPPER PIPES
	DRAIN PIPES
	REFINET JOINTS
	SPLIT UNIT
	4-WAY CASSETTE UNIT
	TRAP DOOR SIZES
	SAD INSULATION
	ACOUSTIC INSULATION



SECOND FLOOR INTERIOR LAYOUT



STORAGE UNITS

WOODEN PARTITIONSTAIRCASE AREA

MATERIALS USED

- Marble for flooring and wall dado of lift.
- 4"x2" WPC rafter partition with 6" spacing.
- Wall cladding with slate stone / sand stone / hand dressed / butching type.
- GI Channel, 12mm thick Plain Gypsum board with insulation.
- Wooden veneer ceiling -12mm thk plywood finished with 4 mm thk veneer with PU polish.
- 12mm thk toughened glass patch fitting door.
- Screws, Mesh tape, Putty
- Dual layer fabric curtains with 25mm dia powder coated aluminium profile rods.



MODULAR KITCHEN



COMMON TOILET



LIVING ROOM



DINNING ROOM

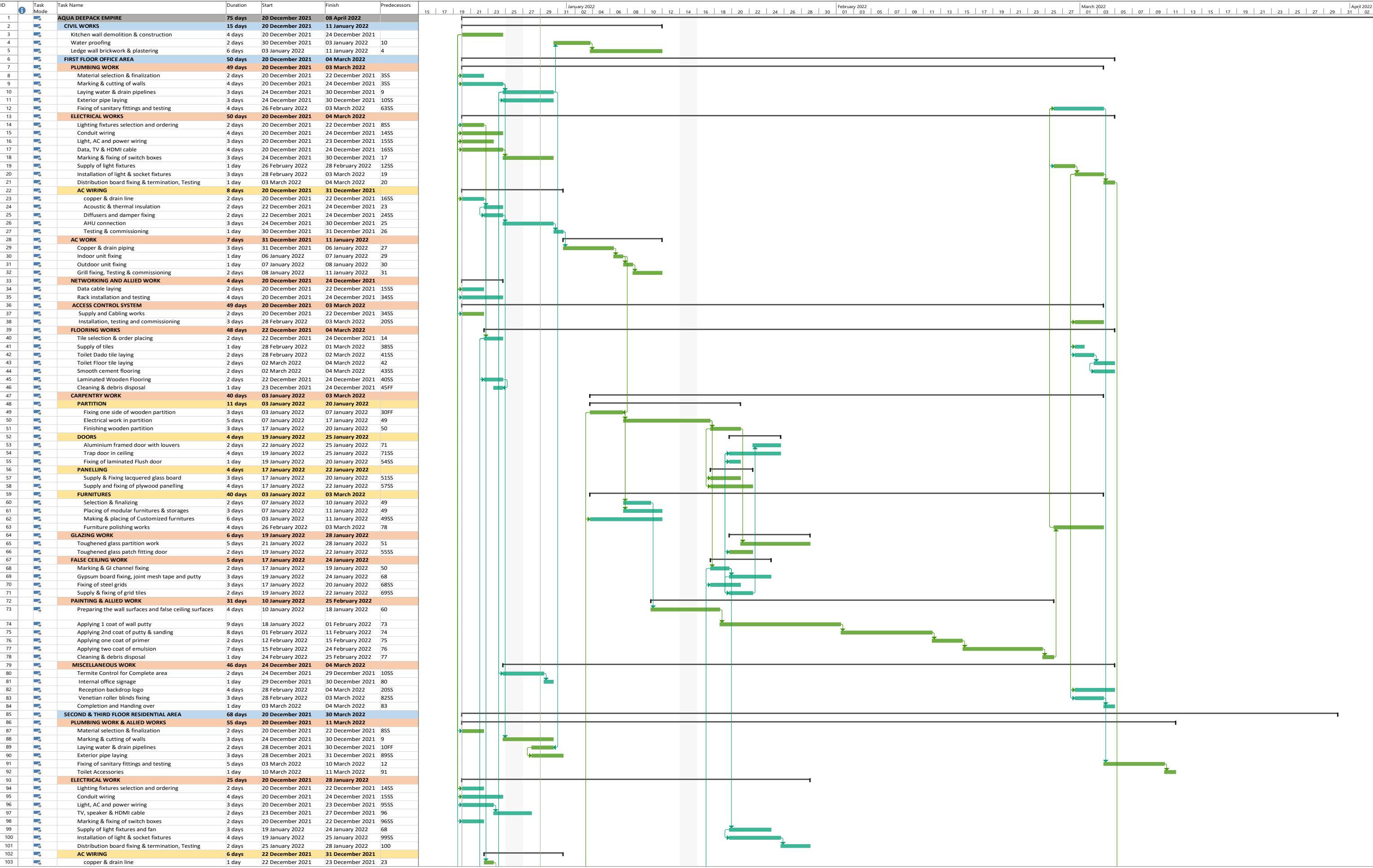


MASTER BEDROOM ROOM



POOJA ROOM

WORK SCHEDULE



[illegible]

AQUA DEEPAK EMPIRE - ARUMBAKKAM

TARGET TIME & WORK SCHEDULE

WEEK 1 WORKS : 20th December - 25th December

FIRST FLOOR WORKS

- Wiring works for first floor - office
- Access control, data and voice, CCTV, HDMI cabling
- Switch box cutting and fixing
- Selection of lighting fixtures, switches and sockets
- Ordering of plumbing fittings - concealed tank and diverter
- Tile selection & ordering for toilets floor and wall, other area flooring
- Selection & ordering of wooden laminate for flooring
- Lift wall marble and staircase granite selection & ordering

SECOND & THIRD FLOOR WORKS

- Wiring for second and third floor
- Switch box cutting and fixing
- Selection of lighting fixtures, switches and sockets
- Ordering of plumbing fittings - concealed tank and diverter
- Tile selection & ordering for kitchen wall & floor
- Marble selection & ordering for toilet and flooring
- Tile selection & ordering for toilets

CLIENT SIDE SCOPE

- Toilet water proofing
- Light weight material filling for sunken slab
- Ledge wall construction
- AC works - copper line, drain line, testing & commissioning

WEEK 2 WORKS : 27th December - 31st December

FIRST FLOOR WORKS

- Plumbing - fixing of concealed tank and diverter
- Waste and soil piping works in all toilets
- Exterior pipe laying
- Tile work - Toilets floor & wall and other areas
- Termite treatment
- Completion of all ceiling works
- Site cleaning

SECOND & THIRD FLOOR WORKS

- Plumbing - fixing of concealed tank and diverter
- Waste and soil piping works in all toilets
- Exterior pipe laying
- Veneer selection
- Site cleaning

CLIENT SIDE SCOPE

- Kitchen wall demolition and construction

WEEK 3 & 4 WORKS : 3rd January - 15th January

FIRST FLOOR WORKS

- Wooden Partition work - marking and fixing one side
- Electrical work in the partition
- Modular Workstation, sofa & chairs selection & ordering
- Window fixing and polishing works
- Painting work initiation
- Carpentry work initiation
- AC works - copper, drain line completion and testing

SECOND & THIRD FLOOR WORKS

- Tile work - Toilets floor & wall
- Marble flooring work - 2nd & 3rd floor, lift wall dado
- Nano white marble - kitchen top
- Staircase granite work
- Window fixing & polishing works
- Slate stone work for wall

WEEK 5 WORKS : 17th January - 22nd January

FIRST FLOOR WORKS

- Finishing work of wooden partition
- False ceiling work
 - Marking and channel works
 - Gypsum board fixing
 - Acoustic board fixing
 - Joint putty
 - Light fitting cuttings
- Flush Doors work
- Panelling works
- Painting work - putty work
- Site cleaning

SECOND & THIRD FLOOR WORKS

- WPC rafter partition - 2nd floor
- Flush Doors work
- Panelling works
- Painting work - putty work
- Site cleaning

WEEK 6 & 7 WORKS : 24th January - 5th February

FIRST FLOOR WORKS

- Wooden veneer work
- Glazing partition work and doors
- Aluminium doors & louvers
- Painting work - putty work (2nd & 3rd floor)

SECOND & THIRD FLOOR WORKS

- False ceiling work
 - Marking and channel works
 - Gypsum board fixing
 - Acoustic board fixing

- Joint putty
- Light fitting cuttings
- Trap door fixing
- Painting work - putty work
- Cot and wardrobe works

WEEK 8 & 9 WORKS : 7th February - 19th February

FIRST FLOOR WORKS

- Carpentry works - customised furnitures as per BOQ
- Work station assembling works
- Access control fixing
- Server room rack installation and dressing
- Painting work - putty 2nd coat and sanding
- Blinds selection & ordering

SECOND & THIRD FLOOR WORKS

- Carpentry works - customised furnitures as per BOQ
- Painting work - putty 2nd coat and sanding
- Exterior painting work
- Ordering of sofa & chairs, bar stool
- Blinds selection & ordering

WEEK 10 WORKS : 21st February - 26th February

FIRST FLOOR WORKS

- Painting work - primer work and 2coat of emulsion
- site cleaning
- Blinds fixing

SECOND & THIRD FLOOR WORKS

- Painting work - primer work and 2coat of emulsion
- site cleaning

WEEK 11 WORKS : 28th February - 5th March

FIRST FLOOR WORKS

- Furniture polishing works
- WPC rafter partition - 2nd floor
- Electrical switch & socket, light fittings
- Plumbing fittings
- Access & camera installation
- Signage and reception logo
- First floor cleaning and handling

SECOND & THIRD FLOOR WORKS - week 10,11,12 12th mar

- Carpentry works
 - TV & showcase unit
 - Pooja unit
 - Footwear storage unit
 - Chester box storage
 - Wardrobe works
 - Locker storage

- Mirror with pelmet panelling
- Cot with side table
- Head board panelling
- Bar display unit
- TV ledge storage
- Exterior painting work
- site cleaning

WEEK 13 WORKS : 14th March - 19th March

SECOND & THIRD FLOOR WORKS

- Furniture polishing works
- Modular kitchen works
 - Overhead storage
 - Loft cupboard storage
 - Tall unit storage.
- Exterior painting work, Exterior windows & door works

WEEK 14 WORKS : 21st March - 26th March

SECOND & THIRD FLOOR WORKS

- Toughened glass Handrail works
- Glass partition work inside the toilet
- Carpet & pebble flooring
- Exterior painting work
- CCTV interior
- Data and voice - I/O fixing & termination

WEEK 15 WORKS : 28th March - 2nd April

SECOND & THIRD FLOOR WORKS

- supply and Placing of furnitures
- Exterior painting work
- DVR fixing works
- Compound wall painting

WEEK 16 WORKS : 4th April - 9th April

SECOND & THIRD FLOOR WORKS

- Plumbing fittings
- Electrical fittings
- Termination od DB & main panel
- Compound wall painting, Granite cladding works
- AC testing and commissioning.

FIRST FLOOR OFFICE AREA - M/S AQUADEEPPACK EMPIRE, CHENNAI.

NO	DESCRIPTION	QTY	UNIT
1	PARTITIONS		
a	Laminated Wooden Partition:		
	Providing and fixing of opaque / partly laminated half / full ht wooden partition made of 50x25mm aluminium box sections 2' x 2' frame work cladde both sides with 8mm thick commercial ply and 1mm thick laminate as per design.	303	Sft
	ARCHID / KIT / CENTURY		
b	Toughened Glass Partition:		
	Supply and fixing of 12mm thk toughened glass with wooden beading at the top and floor cut at the bottom as complete.	403	Sft
	SAINT GOBAIN, AIS / GREEN / VEL		
2	DOORS		
a	Toughened Glass Patch Fitting Door:		
	Supply and fixing of 12mm thk toughened patch fitting glass door with floor spring, handles, locks, etc as complete as per site conditions. (Ozone Super Spring with 7 Yrs Warranty)		
i	Size 3' 6" x 7'	1	Nos
ii	Size 3' x 7'	3	Nos
	OZONE / WALLINE, SAINT GOBAIN, AIS / GREEN / VEL		
b	Aluminium Framed Door with Louvers:		
	Supply and fixing of powder coated Aluminium profiled door with WPC sheet slotted design for the server room area		
i	Size 3' x 7'	1	Nos
c	Flush Door:		
	Supply and fixing of laminated flush door on the existing teak wooden frame, 30mm thk flush door finished both sides with 1mm thk laminate, door closer, handles, locks, etc.		
	PRESTIGE / CENTURY		
i	Size: 2' 6" X 7' - Both side laminated	4	No
3	PANELLING		
a	Providing and fixing of 6mm thk white laquered glass board for the writing board with ply support in the conference rooms as per the approved finish and colour.	16	Sft
	SAINT GOBAIN / ASAH		
b	Supply and fixing of plywood panelling / cushion board panelling with 19/12mm thk commercial plywood and 1mm thk laminate as per the approved design.	240	Sft
	ARCHID / KIT / CENTURY & LEGEND - AS PER SAMPLE		
c	Supply and fixing of plywood panelling with 12mm thk commercial plywood and1mm thk laminate finish as per the approved design	60	Sft
	ARCHID / KIT / CENTURY		
4	FURNITURES		
a	MODULAR TABLES & STORAGES		
i	LINEAR WORKSTATIONS:		
	Supply and fixing of new desk based workstations as per the given design with 8mm thk glass privacy partition, powder coated ms understructure and 25mm thk edge banded table top & vertical with 2mm edge band. One keyboard is considered.		
	Size 1050 x 525mm	8	Nos
ii	Managers Table 2175 x 1050 & 1200 x 450 mm		
	Supply and fixing of free standing modular Manager table with return table. Table Top is made of 25mm thick prelaminated, edgeband with 19mm thk prelam board modesty and verticals as per the approved design. The table shall have a three drawer pedestal unit.		
	Manager Cabin Table : 1500 x 750 & 975 x 450 mm	1	Nos
iii	Modular Storages		
	Providing and fixing of 30" depth file storage with 19mm thk prelam particle board with 2mm thk edge banding as per the design for the storages with all handles, locks as complete.	60	Sft
iv	Mobile Pedestal Units - Three Drawer type	4	Nos
b	CUSTOMISED FURNITURES		

i	MD Cabin Table 2100 x 900 x 750 mm		
	Supply and fixing of free standing plywood table. Table Top is made of 25mm thick plywood finish with 4 mm thk PU spray polished veneer, edgeband with 19mm plywood modesty and verticals as per the approved design. The table shall have a three drawer pedestal unit. Veneer Basic Price: Rs. 160/- Per Sft		
	MD Cabin Table: 2100 x 900 & 750 mm	1	Nos
	Back & Side File Storage: made of 19mm thk commercial ply, finished inside with 0.8mm thk laminate, outside & top with 1mm laminate and top with necessary storage shelves, locks, handles, etc	33	Sft
ii	Reception Table - 4' x 2'6" x 2'6" / 3'6"		
	Providing and fixing of reception table with two levels and two drawer units, made of 19mm thk commercial plywood framework and 1mm thk special laminate / veneer / marble, etc as per the approved design.	1	No
iii	Cafetria Tables - 1200 x 600 mm		
	Supply of 4 Seater cafeteria table made of 304 grade stainless steel legs & MS framework with prelam board top as per design	1	Nos
iv	Pantry Storage		
	Supply and fixing of pantry storage with 19mm thk BWP waterproof plywood, finished both sides with 1mm laminate, table top with 20mm thk edge polished granite with 6" back splash as per the approved colour. The storage shall have all accessories as complete.	16	Sft
v	MD Room File Storage		
	Supply and fixing of file storage made of 19/12mm thk commercial ply, finished inside with 0.8mm thk laminate, outside with pvc laminates with necessary storage shelves, locks, handles, etc	100	Sft
vi	Pooja Unit		
	Supply and fixing of pooja made of 19/12mm thk BWR ply frame work finised with 1mm laminate & teak wood beading on the exposed side as complete as per design.	21	Sft
	ARCHID / KIT / CENTURY		
5	CHAIRS & SOFA:		
a	MD Cabin Chair		
	Supply of netted mesh back chairs with lumber support, synchro tilt, gas lift, pu arms, head rest chrome base and castor wheels as per the approved colour and design.	2	Nos
b	MD Visitors, Mngr & Conference Room Chairs		
	Supply and fixing of netted mesh back chairs with adjustable lumber support, synchro tilt, gas lift, Interconnected height adjustable PU arms, nylon base and castor wheels as per the approved colour and design.	14	Nos
c	Workstation Chairs		
	Supply of medium back chairs with moulded foam seat and backrest, synchro tilt, gas lift, pu arms, chrome base and castor wheels as per the approved colour and design.	12	Nos
d	Cafeteria Chairs		
	Supply of stackable cafeteria chairs made of fibre moulded seat with SS legs.	4	Nos
e	Sofa		
	Supply and fixing of sofa as per following specifications: Inside Wooden Frameworks: Rubber wood and Ply wood Seat Foam: Kurlon Foam 40 density - Base 21" x 22" x 4 " Rexin: Artificial Leather type material Seat Base: Elastic tape 3" (as required for sofa) BackRest: Kurlon Foam 32 density - Base 17" x 22" & Cotton Tape Wrapping Inner: Neatly finished with Gada Cloth, nails, stag bond paste and pins, etc		
	3 Seater Sofa	1	Nos
	2 Seater Sofa	1	Nos
6	FALSE CEILING WORKS		
a	Gypsum False Ceiling :		
	Supply and fixing of the Gypboard false ceiling, with necessary ceiling (Saint Gobain Expert) GI frame work supports cladde with 12mm thk gypboard with provisions for cut outs to fix light fixtures as per lighting layout. The boards will be finished with joint mesh tape and putty as complete.	1300	Sft
b	Grid False Ceiling :		
	Providing and fixing of mineral fibre boards grid ceiling with galvanized hot dipped steel grids in sections of 600 x 600mm with acoustic mineral fiber boards of 600 x 600mm with an NRC of 0.50 and RH 95. All grids to be suspended with a 2mm GI wire. Brand - USG	200	Sft

7	PAINTING & ALLIED WORKS		
a	Preparing the wall and false ceiling surface and applying two coats of birla wall putty, one coat of primer and two coats of premium emulsion paint finish as per the approved colour.	3500	Sft
	ASIAN PAINTS		
8	FLOORING WORKS		
a	Tile Flooring:		
	Supply and fixing of 2'x2' Digital vitrified tiles for office floor including skirting, cement mortar, laying and pointing works as complete. (Basic Tile Cost - Rs 70 / Sft)	913	Sft
	SOMANY / KAJARIA / SUNHEART		
b	Laminated Wooden Flooring		
	Supply and fixing of AC4 grade laminated wooden flooring as per the approved design	240	Sft
	Supply & laying of profiles & skirtings	50	Rft
c	Toilet Tiling:		
i	Floor tile		
	Supply and laying of antiskid tiles for the toilet floor area with cement mortar & necessary jointing compound as complete. Basic Tile Cost - Rs 55 / Sft	60	Sft
ii	Wall Tile		
	Supply and laying of glazed wall tiles for the toilet walls with cement mortar & necessary jointing compound as complete. Basic Tile Cost - Rs 55 / Sft	320	Sft
iii	MD Toilet Tile Flooring		
	Supply and laying of antiskid tiles for the toilet floor area with cement mortar & necessary jointing compound as complete. Basic Tile Cost - Rs 110 / Sft	40	Sft
iv	MD Toilet Tile Wall Dadoing		
	Supply and laying of designer wall tiles / stones for the toilet walls with cement mortar & necessary jointing compound as complete. Basic Tile Cost - Rs 150/ Sft	240	Sft
9	ELECTRICAL & ALLIED WORKS		
I	DISTRIBUTION BOARDS - Legrand		
a	Supply, Erection, Testing and Commisioining of three phase, 4 way Vertical DB, Single door type, IP 42 powder coated comprising of "C" curve MCB's for VTPNDB.		
	I / C - 100 A TP MCCB - 1 No		
	O / G - 10 - 63A SP/TP MCB - 12 Nos		
	Including all interconnections and other accessories etc as reqd .	0	No
b	12 Way SPNDB for LDB with following specifications:		
	I / C - 40A DP 30ma RCCB - 1 No		
	O / G - 6 - 32A SP MCB - 8 Nos		
	Including all interconnections and other accessories etc as reqd.	1	No
c	12 Way SPNDB for UPSDB with following specifications:		
	I / C - 63A DP MCB - 1 No		
	O / G - 6 - 32A SP MCB - 9 Nos		
	Including all interconnections and other accessories etc as reqd.	2	No
d	Supply, Erection, Testing and Commisioining of 32A DP MCB metal clad socket in Powder coated MS enclosure with all other accessories as required as per the site condition. Inverter / AC IDU	0	Nos
e	Supply, Erection, Testing and Commisioining of 63A FP MCB in Powder coated MS enclosure with all other accessories as required as per the site condition. (UPS)	0	Nos
f	Supply, Erection, Testing and Commisioining of 63A FP MCB in Powder coated MS enclosure with all other accessories as required as per the site condition.(AC ODU)	1	Nos
II	L.T.CABLES		
	Supply, Laying, Testing and Commisioining of 1100V PVC insulated XLPE and sheathed Armoured/Unarmoured Copper / Aluminium Conductor cables laid over MS supports / Cable racks /fixing of walls including clamping the cable to the support in all approved manner as all complete required.		
	(Main Incoming cable & earthing not considered) - Should be provided by builder		
a	4C 10 sq.mm XLPE AR Copper Cable	-	Mts
b	1C 10 sq.mm Copper Cable YFY	24	Mts
c	1C 25 sq.mm Copper Cable YFY	-	Mts
III	SUB - MAINS		
a	Supply of 2R2.5 & 1R 1.5 sqmm PVC insulated unarmoured sheathed FRLS flexible multistrand copper wire with suitable FRPVC conduits with all accessories as reqd.(Lighting & Circuit looping mains)	220	Mts

	ANALOG EPABX: Supply & fixing of 2 trunks + 16 extension epabx system as complete. The rate includes a 24 key operator console system.	RO	No
c	TELEPHONES: PANASONIC		
i	Panasonic handset with Caller ID	RO	Nos
ii	Panasonic handset with Caller ID and Speaker - Lower Range	RO	Nos
ii	Panasonic handset with Caller ID and Speaker - Middle Range for Conference rooms	RO	Nos
11	ACCESS CONTROL SYSTEM		
a	Biometric Reader (ESSL with exit Switch support)	2	Nos
b	Biometric Exit Reader	2	Nos
c	Electro Magnetic lock (Single Door)	2	Nos
d	Supply of L clamp / glass door mounting brackets for EM lock	1	Nos
e	Push button (SS type)	2	No
f	Emergency Release switch	0	Nos
g	Proximity Cards	15	Nos
h	Supply and wiring of 2 core wire for exit switch	30	Mts
i	Installation, configuration and testing commissioning of the software.	1	L.S
12	PLUMBING & ALLIED WORKS :		
	STAFF TOILETS - PARRYWARE		
a	Washbasin: Supply and fixing of wall mount wash basin with semi pedestal.	2	Nos
b	EWc: Supply and fixing of wall / floor mounted European water closet with all accessories as complete.	2	Nos
	MD TOILETS - JAQUAR / CERA		
c	EWc: Supply and fixing of wall / floor mounted European water closet with all accessories as complete.	1	Nos
d	Washbasin: Supply and fixing of counter top wash basin	1	Nos
	PARRYWARE		
e	Fixing of soil and waste line with nahani trap, floor drain, bottle traps and all necessary connections as complete.	5	Nos
f	Providing and fixing of 6mm mirror with beveled edges and finish.	20	Sft
g	Supply and fixing of 304 grade Stainless steel single bowl Sink in the pantry Counter. (19" x 16")	1	L.S
h	Supply and fixing of pillar cock	2	Nos
i	Supply and fixing of tall body pillar cock	1	Nos
j	Supply and fixing of Sink cock	1	Nos
k	Supply and fixing of Health facuet	3	Nos
l	Supply and fixing of 2 way Bib Cock	3	Nos
m	Supply and fixing of angle valves	7	Nos
n	Supply and fixing of towel rod	1	Nos
o	Supply and fixing of rob hook	3	Nos
	Note: Any civil works related to toilets / modification will be under builder's scope		
13	TV / AV & ELECTRICAL - DATA FLOOR JUNCTION BOX WORKS		
a	HDMI CABLE		
i	Supply and wiring of 1.4v HDMI cables - 10 mtrs	3	Nos
	LOGIC		
b	Supply and laying of 1 1/4" PVC Conduits.	10	Mts
14	MISCELLANEOUS WORKS:		
a	Providing signages for cabins made of stainless steel finish dual layer pvc.	8	Nos
b	Supply and fixing of reception backdrop signage of the company on existing wall / partition made of laser cut acrylic letters. (Size - 4' x 2')	1	L.S
c	Providing Termite Control for the complete area	1305	Sft
d	Blinds		
	Supply and fixing of venetian type fabric roller blinds for the window openings.	220	Sft

SECOND & THIRD FLOOR HOUSE WORKS - M/S AQUADEEPAK EMPIRE, CHENNAI.

NO	DESCRIPTION	QTY	UNIT
1	FOYER AREA WORK		
a	Marble Wall Dadoing		
	Supply and laying of double colour pre polished Italian marble wall dadoing for the walls as complete with surface preparation, cement mortar base, joint filling, edge polishing, design groves etc. The rate includes laying, transport, cutting, polishing, pointing, wastage of marble. Basic Cost - Rs 280 / Sft. Models - Diana Beige light & dark / Oman light & dark / Irish Brown	138	Sft
b	Footwear Storage Unit		
	Providing and fixing of footwear storage shelf with 19mm thk BWR plywood carcass provision for the footwear storage with both sides laminate and 19mm thk shutters & drawers with accessories like handles, locks, soft closing hinges as per the design. Size: 2' 6" X 3' 6"	17	Sft
2	LIVING & DINING AREA		
a	TV & SHOWCASE UNIT		
i	Supply and fixing of TV Showcase unit made of 19/12mm thk BWR plywood frame work finised with 4mm thk veneer with PU coat polish as the design panel, 1mm thk PVC laminate finished with fluted panels as per the approved design as complete.	100	Sft
b	WPC Rafter Partition		
i	Providing and fixing of 4"x2" WPC rafter partition with 6" spacing as per the approved design .	106	Rft
ii	Supply & fixing of laminated wooden box design on the rafters with the provisions for the light fixtures as complete.	12	Rft
c	Pooja Unit:		
	Providing and fixing of Pooja Unit made of 19mm thk BWR ply, wooden carvings, marble top, designed shutters finished with 4mm thk veneer on the front side and back side finished with 1 mm thk laminate including necessary accessories as complete as per design	81	Sft
d	Double Height Area - Stone Finish Accent Wall Cladding :		
	Supply and fixing of the wall cladding with slate stone / sand stone / hand dressed / butching type as per the approved design, includes transport, cutting, polishing, wastage, cement mortar as complete.	286	Sft
e	Sofa		
	Supply and fixing of sofa as per following specifications: Inside Wooden Frameworks: Rubber wood and Ply wood Seat Foam: Kurlon Foam 40 density - Base 21" x 22" x 4 " Rexin: Canvas Type Artificial Leather type material Seat Base: Elastic tape 3" (as required for sofa) BackRest: Kurlon Foam 32 density - Base 17" x 22" & Cotton Tape Wrapping Inner: Neatly finished with Gada Cloth, nails, stag bond paste and pins, etc		
	3 seater sofa	1	Nos
	2 seater sofa	2	Nos
	1 seater sofa	2	Nos
f	Pebble Flooring :		
	Providing and laying of the pebble flooring made of a form of natural stone mosaic size 20 - 25 mm thk stone as complete as per the approved design	30	Sft
g	Toughned Glass Hand Rail		
	Supplying and fixing of toughned glass hand rail with wooden top rail of 75mm x 50mm thk handle with 10 mm thk toughened glass as per the approved design.	30	Rft
h	Chester Box Storage:		
	Providing and fixing of cester type storage shelf with sesame wooden box with multiple drawers as per the design. Size: 4' X 3'	12	Sft
3	MODULAR KITCHEN: EBCO / HETTICH / SLEEK		
a	Bottom Counter Unit:		

	BOTTOM UNIT: Supply and fixing of Bottom unit made up of 19/16mm thick BWP plywood both side finished with 0.8mm laminate for inside and 1mm thk laminate for outside. For back board 6/8mm thick BWP plywood both side finished with 0.8mm laminate all the visible edges finished 1mm thick Edgebanding. The doors are made up of 16mm thick BWP plywood inner side finished 0.8mm laminate and the outer side finished with 1mm thick PVC laminate/ Lacquered glass. All the edges finished with 2mm thick PVC edgebanding. The shutters will have G type profile made of aluminium brush finish.	76	Sft
b	Accessories SS - 304 Grade:		
i	Large basket - (Rightangle Plain Basket D 200mm)	2	Nos
ii	Small basket - (Rightangle Plain Basket D 150mm)	4	Nos
iii	Small plate basket - (Rightangle Thali Basket D 200mm)	1	Nos
iv	Cutlery Basket - (Single Line Cutlery)	2	Nos
v	Plain Basket - (Right Angle Basket)	1	No
vi	Oil pullout - (Side Pullout)	1	No
vii	Profile Drawer System - (Rice Pullout)	3	Nos
viii	Magic Corners	2	Nos
ix	Waste Sorting System	1	Nos
x	Midway systems	1	Nos
c	Over Head Storage:		
	Providing and fixing of over head box type storage with box & shutters made of 19mm thk BWR plywood, 1mm thk laminate inside and outside 1mm thk PVC laminate/ lacquared glass, lift up type framed glass shutters and all the accessories like G type profile made of anodised aluminium finish handles, locks & hinges as per the approved design.	40	Sft
d	Loft Cupboard Storage:		
i	Boxtype Storage shutters:		
	Providing and fixing of loft box type storage with 19mm thk BWR plywood with 1mm thk laminate inside and outside 1mm thk PVC laminate and all the accessories like G type profile made of aluminium brush finish handles, locks & hinges as per the approved design.	75	Sft
ii	Provisional Charges for supply & fixing of chimney for kitchen. Base rate of 14500 with standard 4mtr hose installation. Hole provision to be made by builder.	1	Set
e	Tall Unit Storage:		
	Providing and fixing of box type tall unit storage with 19mm thk BWR plywood, 1mm thk laminate inside and outside 1mm thk PVC laminate/ lacquared glass shutters, G type profile made of aluminium brush finish handles, locks & hinges as per the approved design.	49	Sft
f	Nano White Marble Kitchen Top		
	Providing and laying of the nano white engineered marble on the kitchen top, includes transport, cutting, polishing, cement mortar as complete.	70	Sft
4	BEDROOM WORKS		
A	MASTER BED ROOM 1		
a	Wardrobe with Loft:		
	Providing and fixing of box type wardrobe with 19/12/8mm thk BWR ply and 19mm thk ply for the openable type shutters with 0.8mm thk laminate for inside and outside finished with 1mm PVC laminate with a band of 4 mm thk venner with PU coat polish / lacquered glass band with provisions for drawers, shirt hanger rods, trouser holder, big size drawers, hook rail etc and all the accessories like handles, locks & hinges as per the given design.	90	Sft
b	Locker Storage:		
	Providing and fixing of box type locker storage with 19/12/8mm thk BWR ply and 19mm thk ply for the openable type shutters with 0.8mm thk laminate for inside and outside finished with 1mm PVC laminate with a band of 4 mm thk venner with PU coat polish / lacquered glass band with provisions for drawers, safe etc and all the accessories like handles, locks & hinges as per the given design.	27	Sft
c	Mirror With Pelmet Panelling:		
	Providing and fixing of 5mm thk mirror on 12mm thk BWR ply with wooden beading all around and pelmet for the lighting as complete.	21	Sft
d	Cot with Side Table: Size 6' 0" x 7'0"		

	Providing and fixing of the cot with side table made up of hard wood / BWR ply frame and cladded with 12mm thk BWR ply with 4mm thk veneer all around. All the edges shall be finished with teak wood beading. (Mattress & Quilt items not considered)	1	Nos
e	Head Board Panelling		
	Providing and fixing of the head board panelling with 12mm thk BWR plywood finished with 4 mm thk veneer / fluted panels on the sides and fitted with cushion board up to the ceiling as complete.	63	Sft
B	MASTER BED ROOM 2		
a	Wardrobe with Loft:		
	Providing and fixing of box type wardrobe with 19/12/8mm thk BWR ply and 19mm thk ply for the openable type shutters with 0.8mm thk laminate for inside and outside finished with 1mm PVC laminate with a band of 4 mm thk venner with PU coat polish / lacquered glass band with provisions for drawers, shirt hanger rods, trouser holder, big size drawers, hook rail etc and all the accessories like handles, locks & hinges as per the given design.	72	Sft
b	Locker Storage:		
	Providing and fixing of box type locker storage with 19/12/8mm thk BWR ply and 19mm thk ply for the openable type shutters with 0.8mm thk laminate for inside and outside finished with 1mm PVC laminate with a band of 4 mm thk venner with PU coat polish / lacquered glass band with provisions for drawers, safe etc and all the accessories like handles, locks & hinges as per the given design.	27	Sft
c	Mirror With Pelmet Panelling:		
	Providing and fixing of 5mm thk mirror on 12mm thk BWR ply with wooden beading all around and pelmet for the lighting as complete.	21	Sft
d	Cot with Side Table: Size 6' 0" x 7'0"		
i	Providing and fixing of the cot with side table made up of hard wood / BWR ply frame and cladded with 12mm thk BWR ply with 4mm thk veneer all around. All the edges shall be finished with teak wood beading. (Mattress & Quilt items not considered)	1	Nos
e	Head Board Panelling		
	Providing and fixing of the Head board panelling 12mm thk BWR plywood finished with 4 mm thk veneer / cushion board panelling with PU polish for window closing to ceiling area in bed room .	63	Sft
C	PARENT'S BEDROOM WORKS		
a	TV & Wardrobe Unit		
	Providing and fixing of box type wardrobe with 19/12/8mm thk BWR ply and 19mm thk ply for the openable type shutters with 0.8mm thk laminate for inside and outside finished with 1mm PVC laminate with a band of 4 mm thk venner with PU coat polish / lacquered glass band with provisions for drawers, shirt hanger rods, trouser holder, big size drawers, hook rail etc and all the accessories like handles, locks & hinges as per the given design.	63	Sft
b	Cot with Side Table: Size 5' 0" x 6'6"		
i	Providing and fixing of the cot with side table made up of hard wood / BWR ply frame and cladded with 12mm thk BWR ply with 4mm thk veneer all around. All the edges shall be finished with teak wood beading. (Mattress & Quilt items not considered)	1	Nos
d	Head Board Panelling		
	Providing and fixing of the Head board panelling 12mm thk BWR plywood finished with cushion board panels and laminated finish on the sides as complete upto 6'ht.	32	Sft
D	GUEST BEDROOM WORKS		
a	Wardrobe / TV Unit		
	Supply and fixing of TV Showcase unit made of 19/12mm thk BWR plywood frame work finished with 0.8mm thk laminate on inside & outside with all necessary hardwares and accessories as complete.	27	Sft
c	Cot with Side Table: Size 5' 0" x 6'6"		

i	Providing and fixing of the cot with side table made up of hard wood / BWR ply frame and cladded with 12mm thk BWR ply with lamination all around. All the edges shall be finished with teak wood beading. (Mattress & Quilt items not considered)	1	Nos
d	Head Board		
	Providing and fixing of head board with cushion board design as complete	22	Sft
5	HOME THEATRE WORKS		
a	Bar Display Unit		
	The frame work will be made up of 19mm thk BWR plywood with necessary designer glass shelves, provision of LED lights, 3d board panels, display shelves, storages, glittering stone finish counter top as complete.	100	Sft
b	TV Ledge Storage		
i	Supply and fixing storage unit made of 19/12mm thk commercial plywood frame work finised with laminate on the exposed side and top as per the approved design.	16	Sft
c	Acoustical Wall Panelling & False Ceiling:		
	Supply and fixing of acoustical wall panelling with necessary ceiling GI frame work supports cladded with 12mm thk gypboard with provisions for cut outs to fix light fixtures as per lighting layout. The boards will be finished with joint mesh tape and joint putty as per following specifications: Framework : False ceiling GI sections - 2 feet regular interval framework for plain gypsum board & 2' x 2' framework for additional support in perforated board areas - Brand: Saint Gobain Xpert (as per sample) Gypsum Board: Plain Gypsum Board - Brand: Saint Gobain Perforated - Brand: Gyptech Insulation : Acoustical Insulation for perforated gypsum board areas - with 50mm thk 48kg/m3 density rockwool packed with tissue bags as per requirement	400	Sft
d	Supply of bar stool.	2	Nos
e	Supply of recliner type 3 seater sofa with center seat fixed.	3	Nos
f	Carpet Flooring:		
	Supply and laying of dyed nylon pile loop carpet of thickness 3.2mm, having pile weight of 575gsm/sqm, total weight of 3200gsm/sqm including bitumen backing with non-woven. The rate includes the cost of adhesive.	250	Sft
	MODULYSS / JAPAN CARPET LTD - 10-15 YRS COMMERCIAL WARRANTY		
6	FALSE CEILING:		
a	Gypsum False Ceiling :		
	Supply and fixing of the Gypboard false ceiling, with necessary ceiling (Saint Gobain Expert) GI frame work supports cladded with 12mm thk gypboard with provisions for cut outs to fix light fixtures as per lighting layout. The boards will be finished with joint mesh tape and putty as complete.	2400	Sft
	SAINT GOBIAN		
b	Toilet Gypsum False Ceiling :		
	Supply and fixing of the GYP MR board false ceiling, with necessary ceiling saint gobian GI frame work supports cladded with 12mm thk MR grade gypboard with provisions for cut outs to fix light fixtures as per lighting layout. The boards will be finished with joint mesh tape and putty as complete.		
	SAINT GOBIAN	185	Sft
c	Wooden Veneer Ceiling:		
	Supply and fixing of the Wooden veneer false ceiling, with necessary ceiling saint gobian GI frame work supports cladded with 12mm thk plywood finished with 4 mm thk veneer with PU polish provisions for cut outs to fix light fixtures as per lighting layout.	200	Sft
d	Wooden Trap Door		
	Providing and fixing laminated plywood trap door with the required supports for the AC indoor units	2	Nos
7	PAINTING AND ALLIED WORKS - ASIAN PAINTS		

a	Preparing all the wall surface and applying two coats of birla wall putty, one coat of primer and two coats of royal emulsion lustre finish paint upto the false ceiling height of 9' as per the approved colour.	6200	Sft
b	Preparing the ceiling surface and applying two coats altec wall putty, one coat of primer and two coats of premium emulsion paint finish as per the approved colour.	2585	Sft
	ASIAN		
c	Preparing the wall and other required surfaces and applying two coats birla wall putty, one coat of oil primer and two coats of royal play paint finish as per the approved colour.	200	Sft
8	FLOORING WORKS		
a	Marble Flooring		
i	Supply and laying of double colour Italian marble flooring for the 2nd & 3rd floors as complete with surface preparation, cement mortar base, epoxy joint filling, edge polishing, 7 coats of polish by applying resins etc. The rate includes laying, transport, cutting, polishing, pointing, wastage of marble. Basic Cost - Rs 280 / Sft. Models - Diana Beige light & dark / Oman light & dark / Irish Brown	1800	Sft
ii	Supply & laying of marble skirting with edge moulding & polishing	310	Rft
b	Laminated Wooden Flooring		
i	Supply and fixing of AC4 grade woooden flooring as per the approved design	240	Sft
ii	Supply & laying of profiles & skirtings	50	Rft
c	Toilet Marble Works :		
i	Marble Flooring		
	Supply and laying of Italian marble flooring for the toilet floors as complete with surface preparation, cement mortar base, epoxy joint filling, edge polishing, 5 coats of polish by applying resins etc. The rate includes laying, transport, cutting, polishing, pointing, wastage of marble. Basic Cost - Rs 280 / Sft. Models - Diana Beige light & dark / Oman light & dark / Irish Brown	185	Sft
ii	Marble Wall Dadoing		
	Supply and laying of double colour pre polished italian marble cladding for the toilet walls as complete with cement mortar base, joint filling. The rate includes transport, cutting, pointing, wastage of marble. Basic Cost - Rs 280 / Sft. Models - Diana Beige light & dark / Oman light & dark / Irish Brown	600	Sft
iii	Toilet Designer Tile Wall Dadoing		
	Supply and laying of designer wall tiles / stones for the toilet walls with cement mortar & necessary jointing compound as complete. Basic Tile Cost - Rs 150/ Sft	450	Sft
d	Kitchen Floor & Wall Tiling:		
	Supply and fixing of 2'x2' / 2'x4' vitrified tiles including skirting, cement mortar, laying and pointing works for the kitchen floor and wall area as complete. (Basic Tile Cost - Rs 90 / Sft)	330	Sft
	SOMANY / KAJARIA		
e	Balcony Tile Flooring:		
	Supply and fixing of 2'x2' Wooden vitrified tiles including skirting, cement mortar, laying and pointing works as complete in balcony area (Basic Tile Cost - Rs 70 / Sft)	90	Sft
	SOMANY / KAJARIA		
9	PLUMBING & ALLIED WORKS :		
	CP & Sanitary Fittings		
	SANITARY - JAGUAR & CP - JAQUAR		
a	Washbasin: Supply and fixing of below counter wash basin	4	Nos
b	Washbasin: Supply and fixing of above counter wash basin	1	Nos
c	Washbasin: Supply and fixing semi pedestal wash basin	1	Nos
d	EWc: Supply and fixing of wall mounted European water closet with concealed water tank and with all accessories as complete. Parryware Concealed Tank with Jaquar Opal Wallvit Pan	2	Nos
e	EWc: Supply and fixing of wall / floor mounted European water closet with all accessories as complete.	3	Nos
f	Supply and fixing of 12mm thk frosted toughned glass partition with openable door, SS fittiings as complete	70	Sft
g	Supply and fixing of Pillar Cock	5	Nos

h	Supply and fixing of Pillar Cock	1	Nos
i	Supply and fixing of Bib cock	5	Nos
j	Supply and fixing of angle valves with 450/600 mm long pvc connection hose as per requirement	25	Nos
k	Supply and fixing of health faucet	5	Nos
l	Supply and fixing of wall mixer / diverter	4	Nos
m	Supply and fixing of 6" rain shower	5	Nos
	Toilet Accessories		
n	Supply and fixing of foldable towel rack with towel rod made of 304 grade stainless steel.	5	Nos
o	Supply and fixing of Soap Tray made of 304 grade stainless steel.	5	Nos
p	Supply and fixing of tissue paper holder.	5	Nos
q	Supply and fixing of Towel Ring	5	Nos
r	Supply and fixing of twin robe hook	5	Nos
s	Supply and fixing of grab bars	1	Nos
10	ELECTRICAL & ALLIED WORKS		
a	Supply & fixing of LED profile lighting in the kitchen, toilets, headboards and home theatre, TV units as complete.	30	Mtr
b	Supply & fixing of 4' dia Hi speed fan as complete. Basic Price - 6750 DC Fans	6	Nos
	Supply & fixing of 4' dia Hi speed fan as complete. Basic Price - 4250	6	Nos
c	Supply & fixing of 6" dia exhaust fan for the toilets.	5	Nos
d	Supply & fixing of 10" dia exhaust fan for the kitchen	1	Nos
e	Supply & fixing of 12 watts concealed LED light fitting	42	Nos
f	Supply & fixing of 6 watts concealed LED light fitting	28	Nos
g	Supply and fixing of LED strip lights for the living & bedroom ceiling.	60	Mts
h	Supply & fixing of Chandelier Light fitting.(Basic Price - 18000)	1	Nos
i	Supply & fixing of Chandelier Light fitting.(Basic Price - 35000)	1	Nos
j	Supply & fixing foot lamp.	5	Nos
k	Supply & fixing of upward lights	3	Nos
l	Supply & fixing of calling bell.	1	Nos
m	Supply and fixing of Picture light.	4	Nos
n	Lumpsum charges for shifting of electrical switch points with necessary wall cutting, supply & laying of pvc conduits & wiring, existing sockets as complete.	1	L.S
o	Supply of 2R2.5 & 1R 1.5 sqmm PVC insulated unarmoured sheathed FRLS flexible multistrand copper wire in existing conduits	400	Mts
p	Supply of 2R 4 & 1R2.5 sqmm PVC insulated unarmoured sheathed FRLS flexible multistrand copper wire in existing conduits	250	Mts
q	Supply and laying of 25mm dia FRPVC conduits.	200	Mts
r	Supply and laying of speaker cables	150	Mts
s	Provisional amount for Home theater / projector cabling	1	L.S
t	Supply and laying of TV cable	100	Mts
u	Switch & Sockets - Cost includes suitable faceplate		
v	Suppy and fixing of 5A switch	120	Nos
w	Suppy and fixing of 5A socket	60	Nos
x	Suppy and fixing of 15A switch	50	Nos
y	Suppy and fixing of 15A socket	40	Nos
z	Suppy and fixing of fan regulator	16	Nos
11	MISCELLANEOUS WORKS:		
a	Supply and fixing of dual layer fabric curtains with 25mm dia powder coated aluminium profile rods and side holders as per site conditions. - (Opaque & Sun Screen Sheer Curtain). Fabric Basic Cost - Rs. 220 Per Mtr	600	Sft
b	Providing Termite Control for the complete area	2610	Sft

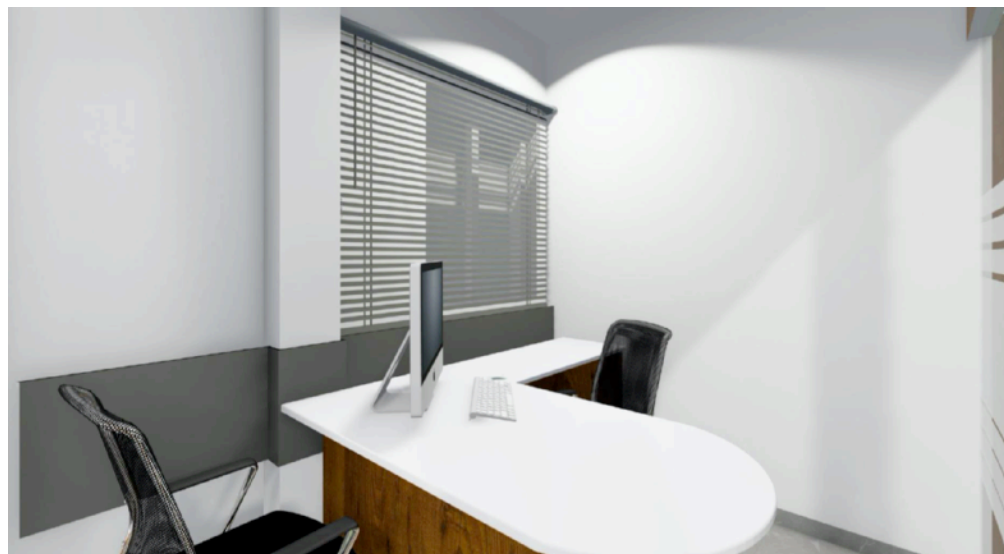
ING FOR EXTERIOR & COMMON AREA INTERIOR FIT-OUT WORKS - M/S AQUADEEPAK EMPIRE, CHE

NO	DESCRIPTION	QTY	UNIT
1	STAIRCASE AREA WORK		
a	LIFT WALL DADDING		
	Supply and laying of double colour pre polished Italian marble cladding for the lift walls as complete with cement mortar base, joint filling, edge polishing, grove cutting etc. The rate includes laying, transport, cutting, pointing, wastage of marble. Basic Cost - Rs 280 / Sft.	300	Sft
b	STAIRCASE WORKS		
	Supply and fixing of granite work for staircase with nosing and edge polish, grooving for the tread and riser with necessary cement sand mortor, pointing, grooves, edge polishing as complete. Granite Basic Cost: Rs. 145/- Per Sft		
	Tread	296	Rft
	Landing	152	Sft
	Skirting	171	Rft
	Riser	336	Rft
2	HANDRAIL WORK		
a	Common Area Staircase		
	Supplying and fixing of hand rail with 40mm round S.S.square pipe with vertical clamping support on the lift wall as complete.	96	Rft
b	Balcony Area Hand Rail Works		
	Supplying and fixing of toughned glass hand rail with 40mm 304 grade SS top rail with 10 mm thk toughened glass as per the approved design.	28	Rft
3	FALSE CEILING		
a	Gypsum False Ceiling :		
	Supply and fixing of the Gypboard false ceiling, with necessary ceiling (Saint Gobain Expert) GI frame work supports cladded with 12mm thk gypboard with provisions for cut outs to fix light fixtures as per lighting layout. The boards will be finished with joint mesh tape and putty as complete. (Staircase landing area)	300	Sft
4	PAINTING & ALLIED WORKS - ASIAN PAINT		
	INTERIOR PAINT		
a	Preparing the wall surface and applying one coat of white cement, two coats of birla wall putty, one coat of primer and two coats of royal emulsion finish paint as per the approved colour.	1300	Sft
b	Preparing the falseceiling surface and applying two coats birla wall putty, one coat of primer and two coats of premium emulsion paint finish as per the approved colour.	300	Sft
	WOOD PU POLISH		
c	Preparing the doors & windows wooden shutters and applying filler, stainer, two coats of sealer and final finish with spray type PU melamine matt polish as per the approved colour. Brand - ASIAN PAINTS PU	1600	Sft
d	Preparing the windows grills and applying one coat of primer and two coats of enamel metalic paint as per the approved colour.	810	Sft
	EXTERIOR PAINT		
e	Preparing the exterior wall surface with a coat of white cement, two coats of exterior putty, a coat of primer, two coats of apex ultima weather shield paint as per the approved colour.	7850	Sft
5	ELECTRICAL & ALLIED WORKS		
	INTERIOR		
a	Supply & fixing of 6 watts concealed LED light fitting	12	Nos
b	Supply and fixing of LED Profile lights	6	Mts
c	Supply & fixing of single wall mounted designer lights as complete.	4	Nos
	EXTERIOR		

e	Supply & fixing of 2 watts 1 way IP 67exterior light fitting	12	Nos
f	Supply of 2R2.5 & 1R 1.5 sqmm PVC insulated unarmoured sheathed FRLS flexible multistrand copper wire in existing conduits	200	Mts
g	Supply of 2R 4 & 1R2.5 sqmm PVC insulated unarmoured sheathed FRLS flexible multistrand copper wire in existing conduits	150	Mts
h	Switch & Sockets - Cost includes suitable faceplate		
	Suppy and fixing of 5A switch	10	Nos
	Suppy and fixing of 5A socket	8	Nos
	Suppy and fixing of 15A switch	4	Nos
	Suppy and fixing of 15A socket	4	Nos
6	PARTITIONS		
a	Toughened Glass Partition:		
	Supply and fixing of 12mm thk toughened glass patch fitting door as per the approved design as complkete.	100	Sft
	OZONE / WALLINE, SAINT GOBAIN, AIS / GREEN / VEL		
b	Toughened Glass Patch Fitting Door:		
	Supply and fixing of 12mm thk toughened patch fitting glass door with floor spring, handles, locks, etc as complete as per site conditions. (Ozone Super Spring with 7 Yrs Warranty)		
i	Size 3' 6" x 7'	1	Nos
7	CCTV WORKS		
	HIKVISION		
a	Color Dome Camera: 2MP IR Dome Camera	16	Nos
b	16 Channel 720P HD DVR: 16 Channel Turbo HD/Analog self-adaptive interfaces input, 16-ch video & 1-ch audio input, 1 SATA interfaces, 1280×720P:25(P)/30(N) fps/ch	1	Nos
c	4TB Hard Disk for Recording	1	No
d	Baloon Connector	32	No
e	Supply of Cat 6 cable for camera cables	500	Mts
f	12V / 10AMP Power supply units for Cameras	2	No
g	Supply and laying of 25mm dia FRPVC conduits.	100	Mts
h	Installation, configuration and testing commissioning of the software.	1	L.S
i	HDMI CABLE		
i	Supply and wiring of optical HDMI cables - 30 mtrs	1	Nos
	LOGIC		
b	Supply and laying of 1 1/4" PVC Conduits.	10	Mts
8	COMPLETE PLUMBING WORKS		
a	Providing PVC pipe 6kg/cm2 6 " Dia for water storm water drain, air vent, waste line and soil line to the secptic tank.	25	Mts
b	Providing PVC pipe 6kg/cm2 4 " Dia for water storm water drain, air vent, waste line and soil line to the secptic tank.	140	Mts
c	Providing PVC pipe 6kg/cm2 2.5 " Dia from wash basin to chamber	120	Mts
d	Providing PVC pipe 4kg/cm2 1.5 " Dia from wash basin to floor trap	20	Mts
e	Providing concealed UPVC pipe 1" Dia for water supply	180	Mts
f	Providing concealed CPVC pipe .75" Dia for internal water supply	110	Mts
	Chamber to be done by the builder.		
	SUB TOTAL		
	GST Extra		

OVERALL PERFORMANCE OF THE PROJECT

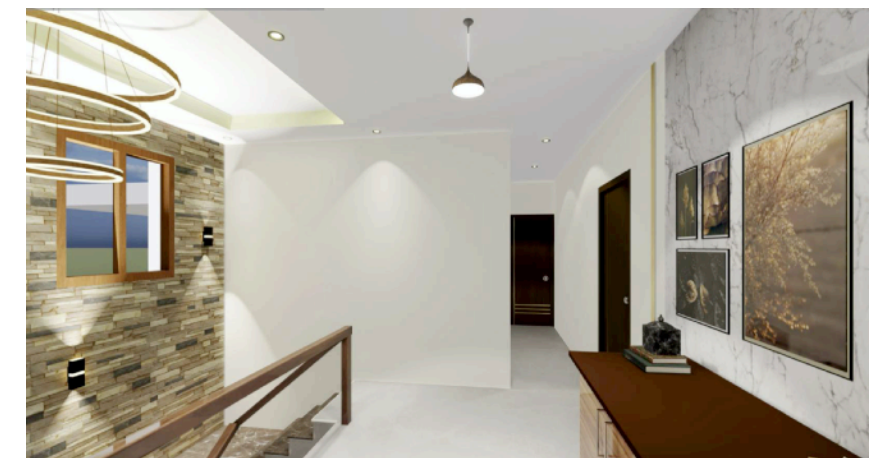
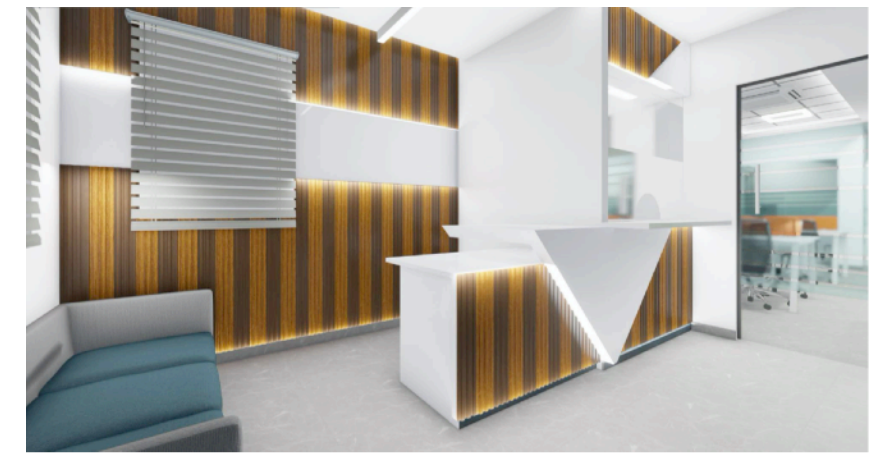
- The overall performance of the project was good.
- Consideration of the Triple constraint Time, Cost and Quality was achieved in the project.
- Bit delay was found from the client side which are compensated by the effective management of the stakeholders
- The performance of the project lies in the timely completion of the project with quality which brings client satisfaction



The first floor consist of the office area with conference room, work station and MD room along with toilets. The laminated wooden partition with 1mm thick laminate. Types of doors used is Toughened Glass Patch Fitting Door, Aluminium framed door with louvers and Flush door. Everything was ordered prior and procured on time and work is done on the estimated time.

LEARNINGS FROM THE PROJECT

- The methodology and the order in which the interior is done from intial stage till the completion stage.
- Techniques behind the management of mobilization of materials and resources to the site at right time without delay.
- Gypsum partition and glass partition details.
- Electrical wire laying and plumbing pipe laying.
- Ductable split and centralized AC installation process in the site.
- Floor raceway making process.
- Preparing the schedule for the work and tracking it.
- Preparation of weekly work schedule for the labours.
- Site visit, coordination and monitoring the work process based on the schedule.
- Importance of cost, quality and time incase of turn key projects.
- Partition fixing procedures with electrical wiring inside the partition and closing it.
- False ceiling GI channel fixing, electrical conduits followed by the board fixing with putty and mesh.
- HVAC nitrile rubber insulation.
- Managing stakeholders to finish the work properly.
- The flooring work procedure for the marbles and tiles.



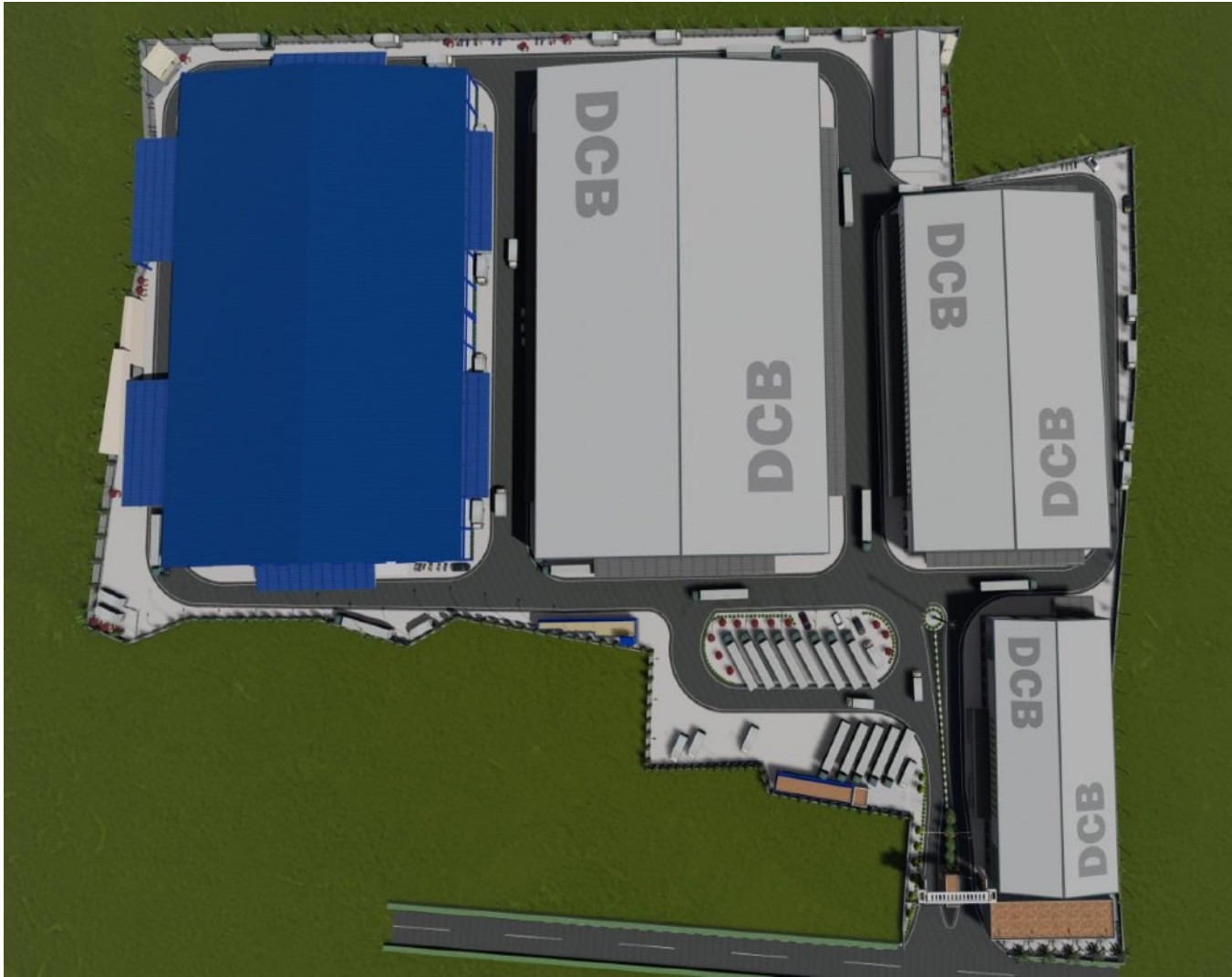
CONCLUSION

Worked with this project I got a complete idea of the Interior fitout works in office and residence. The working method for office space and residence is bit different working in mixed project gave overall idea about both typology.

I understood the importance of the stakeholders management for the short term projects. It projected the importance of triple constrains and how to handle it incase of issues in the site. The project is still going on since its estimated duration is four months. When I initiated my training project was in conduit wiring stage and plumbing pipe laying was going on. The flooring is being carried out now. Its followed by partition work and the false ceiling works.

PROJECT 2

- **Client Name** — **WCB Ware House**
- **Team** — **Ar. Franklin Maxwell, Ar. Arshya Ruby**
- **Project Type** — **Warehouse design**
- **Site Location** — **Redhills**
- **Buildup Area** — **1540 Sq.ft**
- **Plot Area** — **2343 Sq.ft**
- **Work done** — **Project schedule in excel & Msp, Site visit, Team Co-ordination**
- **Project status** — **Ongoing, Drawings issued for the construction**



CLIENT'S ROLE AND RESPONSIBILITIES

The Client shall discharge all his obligations connected with the project and engagement of the Architect as follows:

- To provide detailed requirements of the project.
- To provide property lease/ ownership documents.
- To provide a site plan, to a suitable scale, showing boundaries, contours at suitable intervals, existing physical features including any existing roads, paths, trees, existing structures, existing service and utility lines and such lines to which the proposed service can be connected. In case such information is not readily available, the Client shall arrange for the survey/ collection of necessary information and pay for the same.
- To furnish reports on soil conditions and test as required by the Architect or pay for the preparation of the same.
- To furnish specific conditions/ Statutory stipulations/ Codes of Practice/Schedule of rates, etc., desired to be followed.
- To pay all the fees, levies, security deposits and expenses in respect of statutory sanction.
- To give effect to the professional advice of the Architect and cause no changes in the drawings and documents without the consent of the Architect.
- To honor Architect's bills within one week of its submission.
- To appoint a Construction Manager (Clerk of Works/ Site Supervisor or Construction Management Agency in case of a large and complex project) as per the Architect's advice.

WORK FLOW METHODOLOGY

- Stage 1 : Concept Design
- Stage 2 : Preliminary Design and Drawings.
- Stage 3 : Statutory Approval Drawings.
- Stage 4 : Working Drawings and Tender Documents.
- Stage 5 : Appointment of Contractors.
- Stage 6 : Construction phase.
- Stage 7 : Completion and close out.

SCHEDULE IDEOLOGY

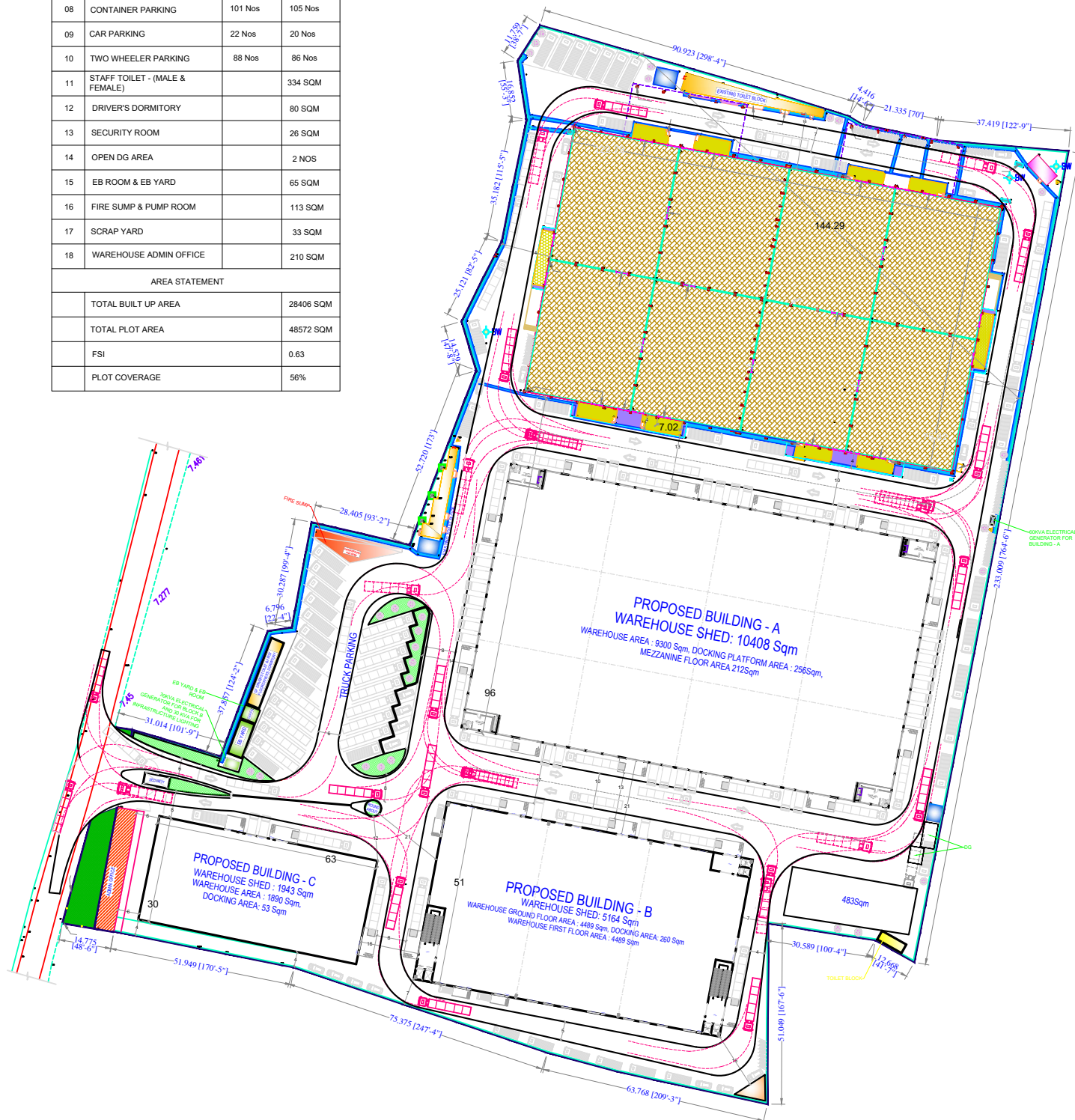
- Conceptual Dwgs & Floor Plans – 1 to 2 Weeks
- Structural, Civil, PEB, Electrical, Plumbing, Firefighting Dwgs – 3 Weeks
- Elevation Design & 3D Perspective View – 1 Week



REVISED WAREHOUSE SHED BUILDING - A,B & C WITH MASTER LAYOUT

OPTION - 02R7

LEGEND			
SLNO	DESCRIPTION	REQUIRED	ACHIEVED
01	WAREHOUSE BUILDING - A		10408 SQM
02	DOCKING PLATFORM WAREHOUSE BUILDING - A	12 Nos	12 Nos
03	WAREHOUSE BUILDING - B		5164 SQM
04	DOCKING PLATFORM WAREHOUSE BUILDING - B	4 Nos	10 Nos
05	WAREHOUSE BUILDING - C		1943 SQM
06	DOCKING PLATFORM WAREHOUSE BUILDING - C	2 Nos	3 Nos
07	EXISTING WAREHOUSE BUILDING		9261 SQM
08	CONTAINER PARKING	101 Nos	105 Nos
09	CAR PARKING	22 Nos	20 Nos
10	TWO WHEELER PARKING	88 Nos	86 Nos
11	STAFF TOILET - (MALE & FEMALE)		334 SQM
12	DRIVER'S DORMITORY		80 SQM
13	SECURITY ROOM		26 SQM
14	OPEN DG AREA	2 NOS	
15	EB ROOM & EB YARD		65 SQM
16	FIRE SUMP & PUMP ROOM		113 SQM
17	SCRAP YARD		33 SQM
18	WAREHOUSE ADMIN OFFICE		210 SQM
AREA STATEMENT			
TOTAL BUILT UP AREA			28406 SQM
TOTAL PLOT AREA			48572 SQM
FSI			0.63
PLOT COVERAGE			56%



ABOUT THE PROJECT

DCB Warehouse has the work methodology involving from the concept design stage till completion stage. The construction of three blocks of warehouse named as A,B and C. It has the docking platform area and mezzanine floor. The site area is planned with loading bays and parking areas for the vehicles. The construction is not initiated yet the project is in designing stage. The spaces includes open DG area, EB room, EB yard, Fire sump, pump room , scrap yard and admin office The soil test was carried out initially to choose the appropriate foundation type. Shallow type foundation is recommended for warehouse construction in opted site.

SCOPE OF THE PROJECT

- Architectural Design & Consultancy,
- Civil & PEB Structural Design & Consultancy,
- MEP Drawings & Consultancy,
- HVAC Design & Consultancy,
- Fire Fighting, Safety & Security Design & Consultancy,
- Driveway & Parking Layout Design,
- Landscape Design & Consultancy,
- Prepare BOQ & Cost Estimation of the Complete Project,
- Perspective Views & 3D Renderings for the Clients Marketing Advertisement.



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