



Har Ghar Ki Shuruwat, Structure Square Ke Sath

Innovative Architecture &
Engineering Services

SERVICE BROCHURE



INDEX

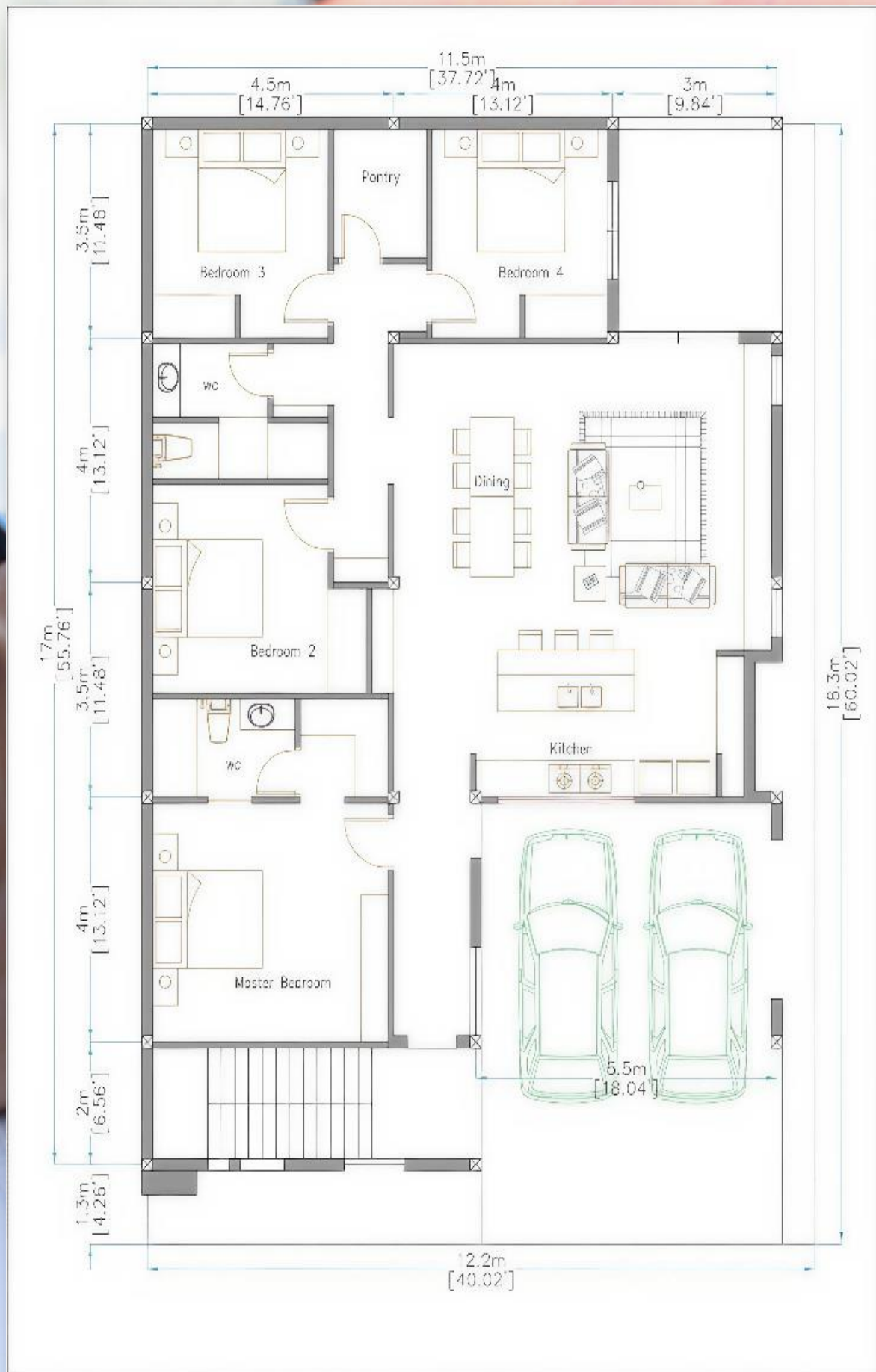
1. Floor Plan
2. Furniture Layout
3. 3-D Elevation
4. Structural Design
5. Plumbing Layout
6. Electrical Layout

FLOOR PLAN

A scaled diagram of a room or building seen from above is called a floor plan, and it usually illustrates how different rooms, spaces, and other physical elements relate to one another. A well-designed floor plan is essential when building a home for a number of reasons. A scaled diagram of a room or building seen from above is called a floor plan, and it usually illustrates how different rooms, spaces, and other physical elements relate to one another. A well-designed floor plan is essential when building a home for a number of reasons.

Benefits

- Better Space Utilization
- Cost & Time Saving
- Smooth Flow
- Safety & Accessibility
- Clear Visualization



FURNITURE LAYOUT

When building a home, the arrangement of the furniture is essential to improving the overall comfort, style, and usefulness of the living area. Additionally, it facilitates more effective appliance and equipment placement.

Benefits

- Better Traffic Flow
- Optimized Space Utilization
- Natural Light & Ventilation
- Aesthetic Appeal
- Enhanced Functionality



3D ELEVATION

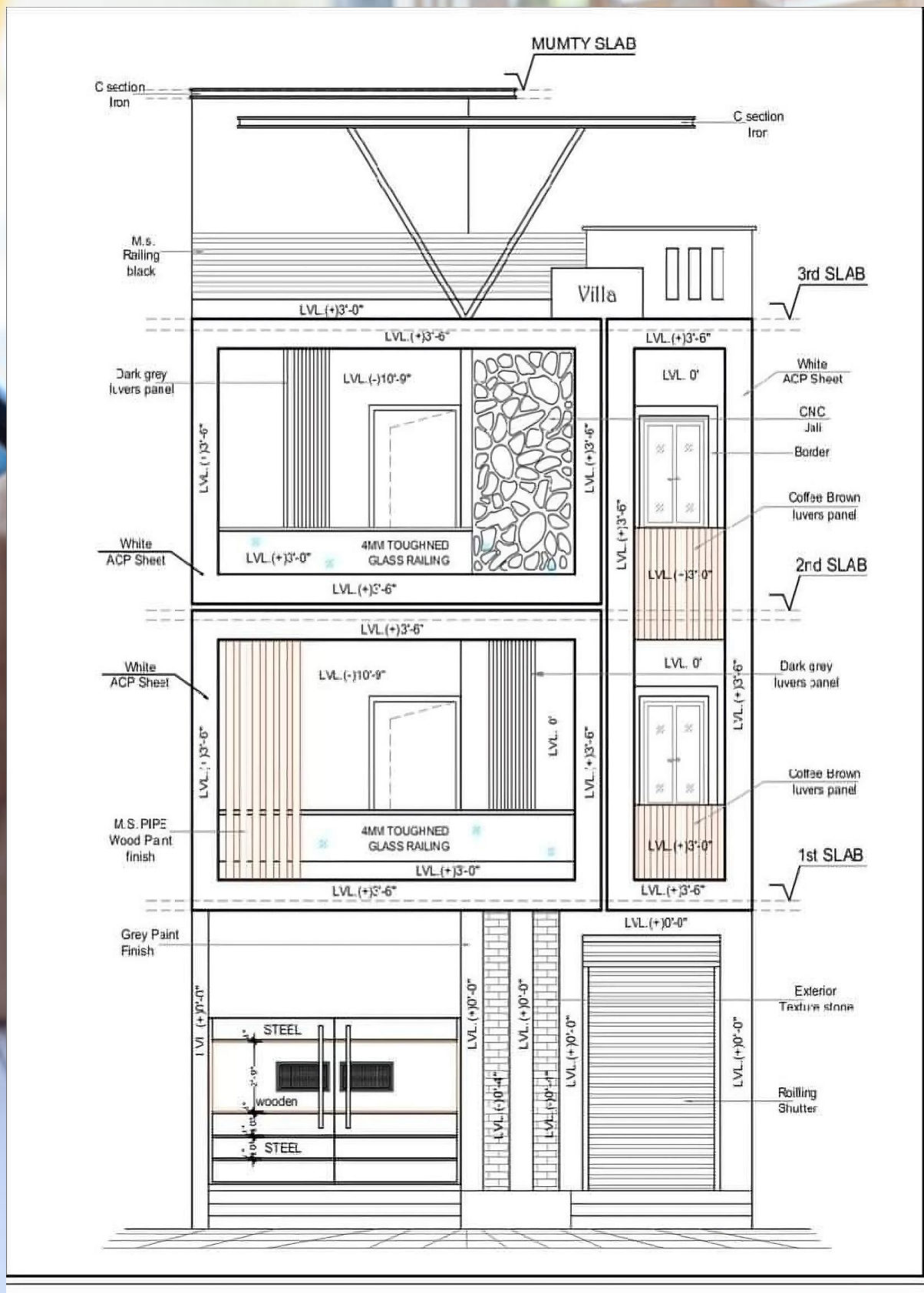
In home construction, a 3D elevation is a digital three-dimensional visualization that showcases the external appearance of a building. It delivers a realistic and comprehensive preview, allowing homeowners to see how their property will look from different viewpoints before the actual construction takes place.

Benefits

- Informed Decision Making
- Design Accuracy
- Cost & Time Saving
- Realistic Visualization
- Improved Planning



Elevation Structure and Design Details



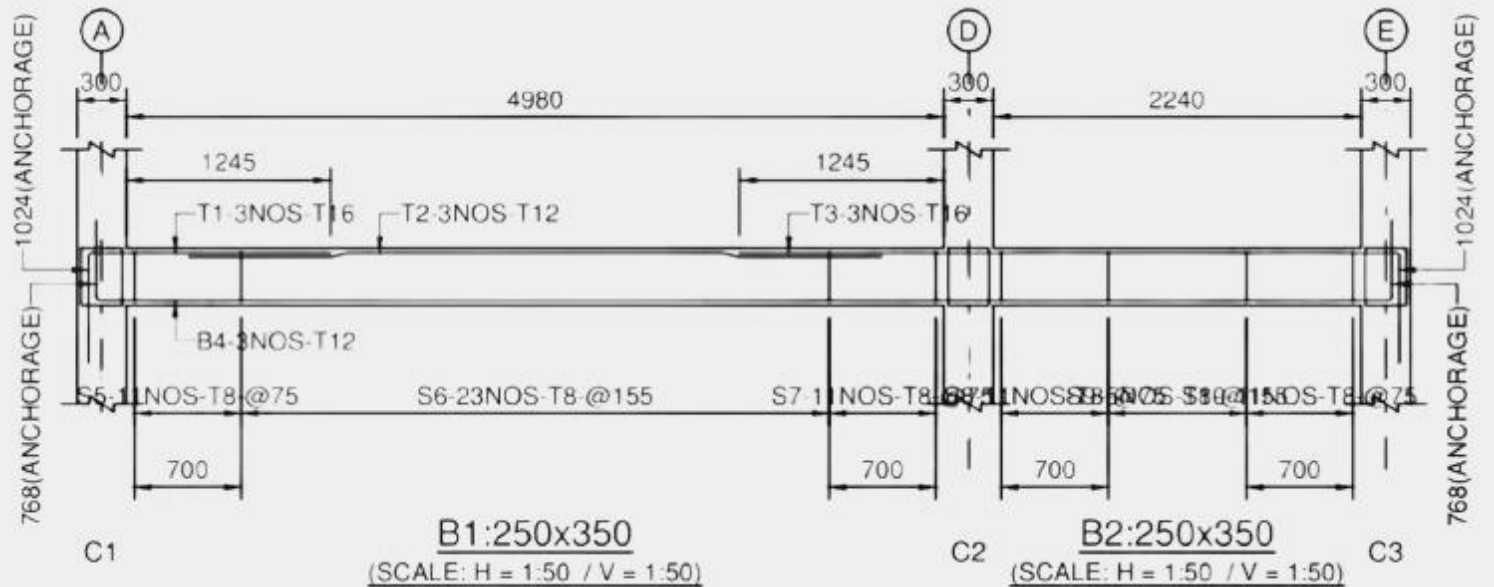
STRUCTURAL DESIGN

When creating a home, structural design is essential to making sure the structure is secure, safe, and able to endure a range of loads and environmental factors. It forms the backbone of the entire building, ensuring durability and long-term stability. A well-planned structural design also optimizes material usage, making the construction both efficient and cost-effective.

Benefits

- Safety Assurance
- Load Resistance
- Cost Reduction
- Material Efficiency
- Long Term Durability

BEAM MODEL DETAILS



ELEMENT	BAR MARK	BAR NOS.	BAR DIA.	BAR SHAPE	CUTTING LENGTH (MM)	DIMENSIONS							
						A	B	C	D	E	F	G	R
B1, B2	T1	3	16		2095	666	1475						64
	T2	3	12		4225	864	98	16	2298	16	98	864	
	T3	3	16		4635	666	4015						64
	B4	3	12		8795	488	7888	488					48
	S5	11	8		1250	200	300						32
	S6	23	8		1250	200	300						32
	S7	11	8		1250	200	300						32
	S8	11	8		1250	200	300						32
	S9	5	8		1250	200	300						32
	S10	11	8		1250	200	300						32

EL. 9.000
TOC

(2) T10 + (3) T8
@50 C/C

(2), (3) T8
@50 C/C

(2), (3) T8
@100 C/C

(2) T10 + (2) T8 + (3) T8
@50 C/C

(2), (3) T8
@50 C/C

(2), (3) T8
@100 C/C

(2) T10 + (2) T8 + (3) T8
@50 C/C

(2), (3) T8
@50 C/C

(2), (3) T8
@100 C/C

(2) T10 + (2) T8 + (3) T8
@50 C/C

(2), (3) T8
@50 C/C

(2), (3) T8
@100 C/C

EL. 0.000
TOC

(2) T10 + (3) T8
@50 C/C

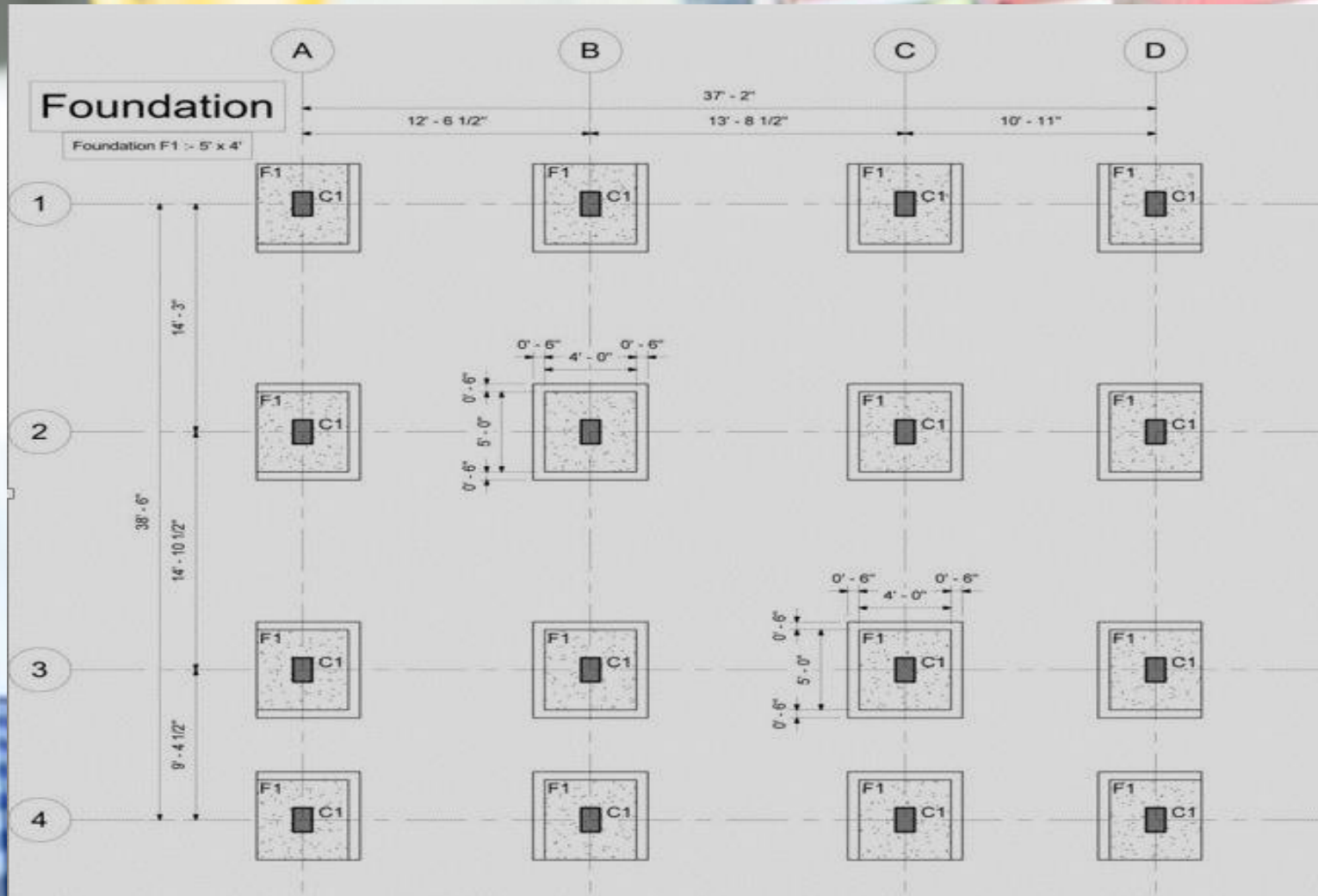
(2), (3) T8
@150 C/C

230

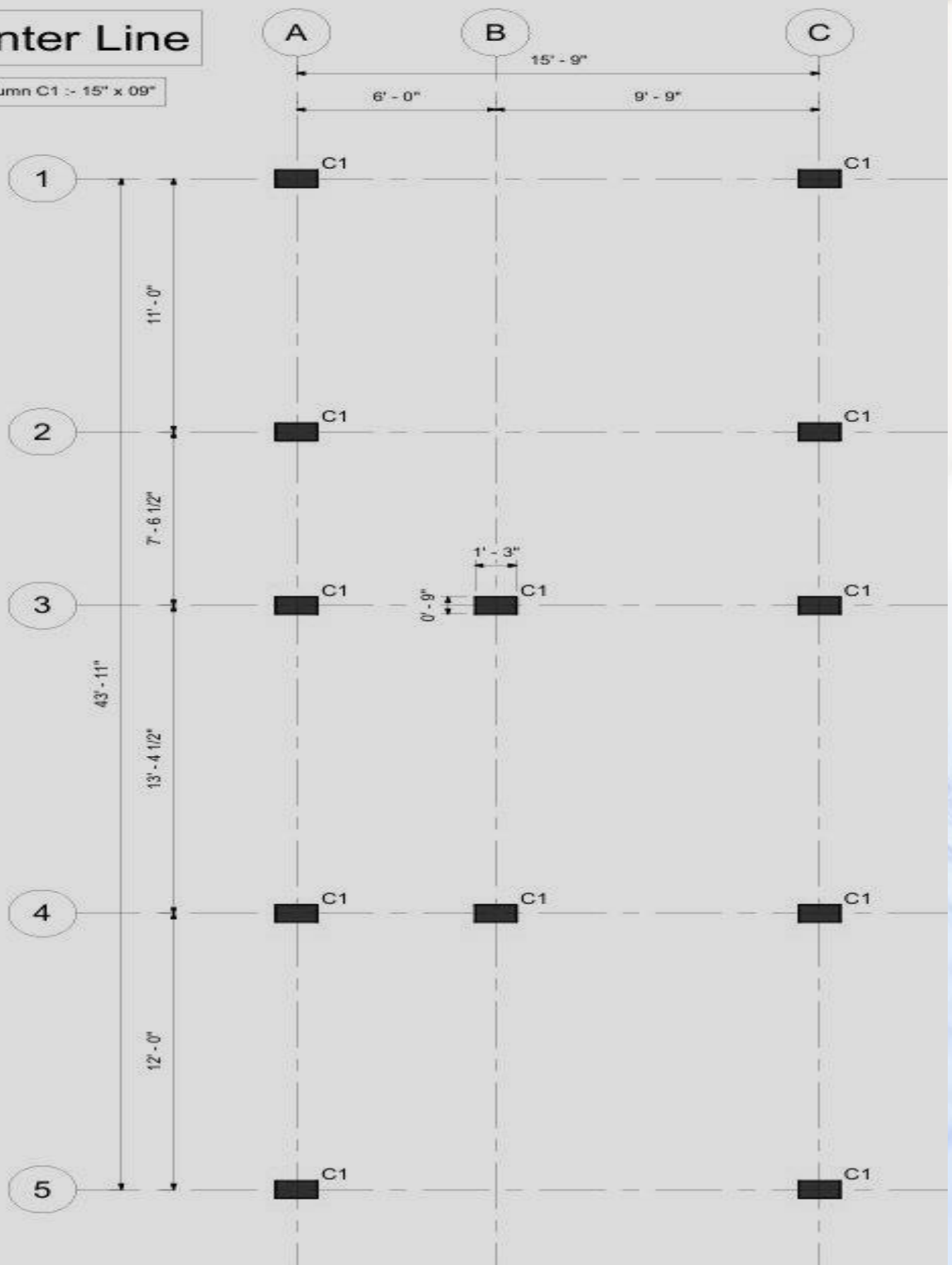
EL. 9.000
BOF

DETAIL OF COLUMN C1
(SCALE 1:50)

FOUNDATION PLAN

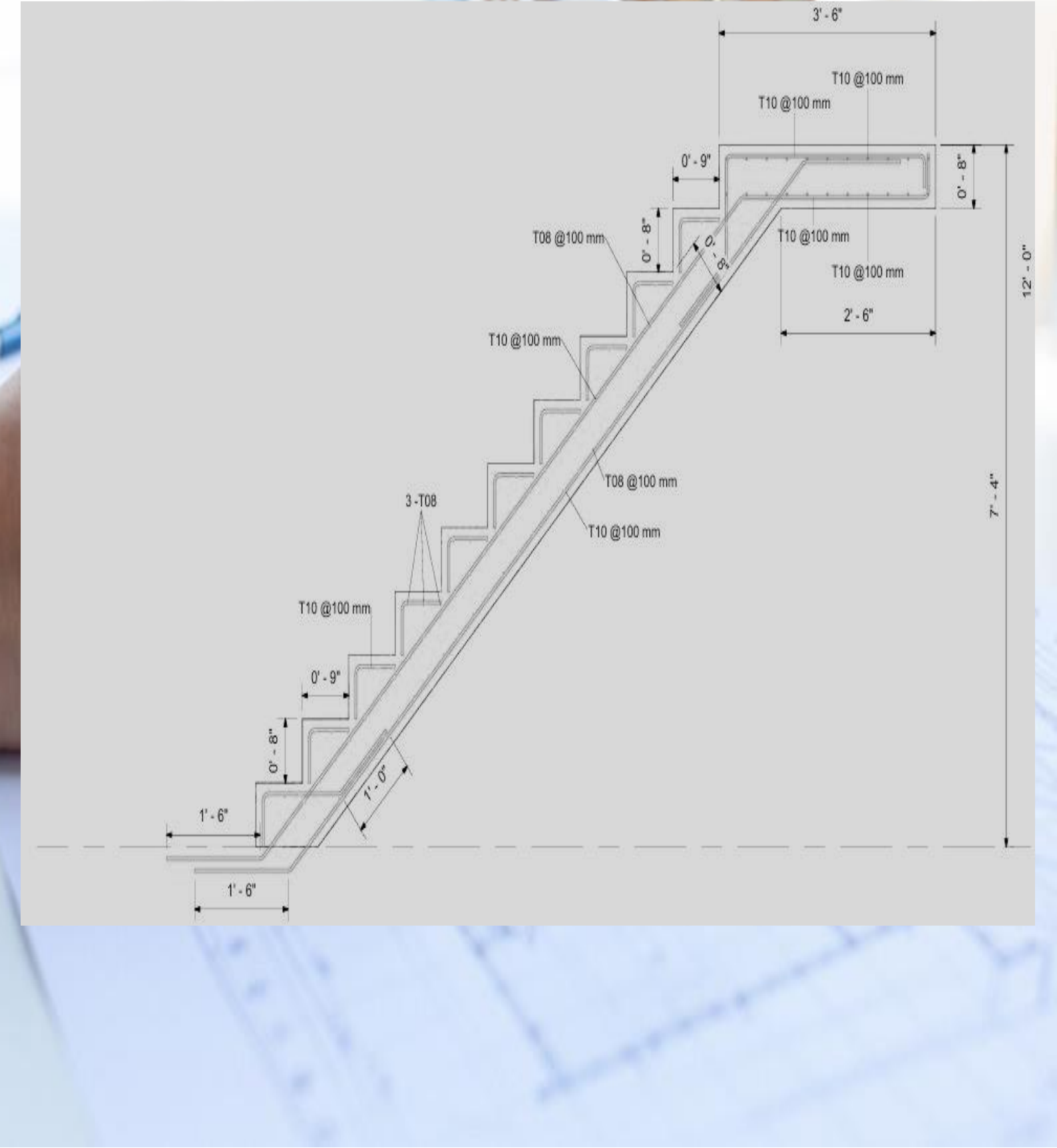


Structural Foundation				
Type	Structural Material	Type Mark	Foundation Thickness	Material: Volume (m3)
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
Foundation 5' x 4' x 2'	Concrete - M25	F1	2' - 0"	1.1327
PCC 6" Thickness	PCC - M15	PCC	0' - 6"	6.1872





STAIR CASE-MODEL



PLUMBING LAYOUT

A **plumbing layout** in residential construction is a comprehensive drawing that shows the positioning of water supply lines, drainage pipes, fixtures, valves, and connections throughout the house. It ensures efficient water distribution, proper waste disposal, and compliance with building standards.

Benefits

- Cost Saving in Construction
- Better Space Utilization
- Leak Prevention
- Easy Maintenance & Repairs
- Efficient Water Distribution

Waste Water Layout



SCHEDULE OF PIPES

S.NO.	DESCRIPTION
1	110 OD uPVC SOIL & VENT PIPE
2	110 OD uPVC WASTE & VENT PIPE
3	110 OD uPVC DRAIN PIPE FOR BALCONY & RAIN WATER PIPE
4	25Ø DOMESTIC WATER SUPPLY D/N TAKE PIPE
5	25Ø FRESH WATER SUPPLY PIPE (DIRECT)

This is a detailed architectural floor plan for a 2BHK apartment. The layout includes a central 'LIVING AND DINING HALL' which is divided into a 'DRAWING ROOM' (18' X 14') and a 'KITCHEN' (10' 4" X 14'). The kitchen is equipped with a sink, stove, and refrigerator. Adjacent to the drawing room is a 'POOJA ROOM' (12' X 12'). The apartment features four bedrooms: 'BEDROOM-1' (14' X 16'), 'BEDROOM-2' (14' X 16'), 'BEDROOM-3' (14' X 16'), and 'BEDROOM-4' (14' X 16'). A 'BATH' (8' X 7'-4") and a 'TOILET' (4'-3" X 4'-6") are also included. The entrance is through an 'ENTRANCE LOBBY'. A staircase is located near the living area, with a note indicating 'WIDTH 3'-0" RISE 6" TREAD 10" STEPS 21'. The plan also shows a 'PORCH' at the front entrance and various door and window dimensions. Electrical symbols for switches and outlets are marked throughout the plan.

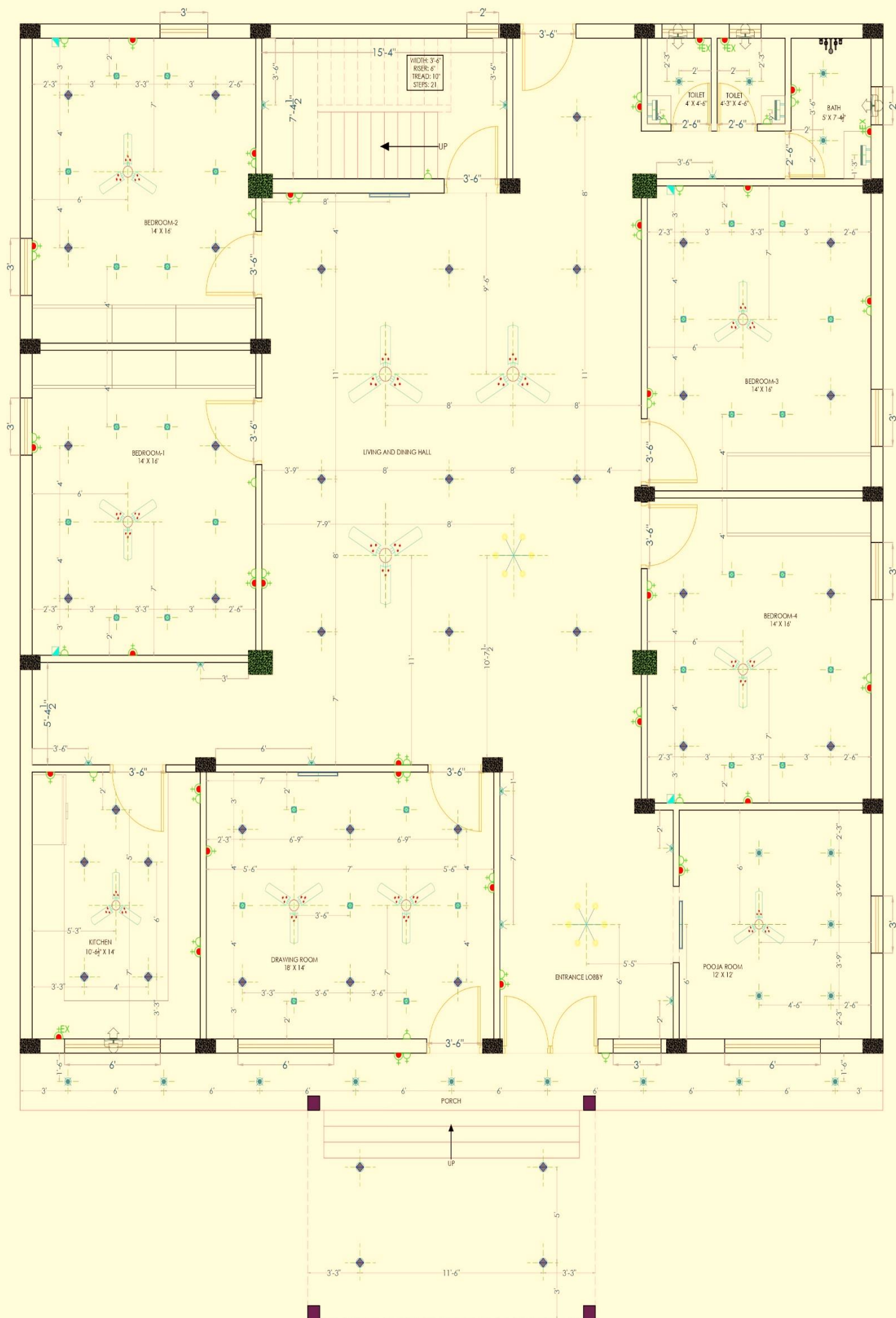
SCHEDULE OF PIPES	
S.NO.	DESCRIPTION
1	110 OD uPVC SOIL & VENT PIPE
2	110 OD uPVC WASTE & VENT PIPE
3	110 OD uPVC DRAIN PIPE FOR BALCONY & RAIN WATER PIPE
4	25Ø DOMESTIC WATER SUPPLY D/N TAKE PIPE
5	25Ø FRESH WATER SUPPLY PIPE (DIRECT)

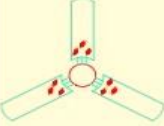
ELECTRICAL LAYOUT

In residential construction, an electrical layout is a planned design that illustrates how the entire electrical system will be installed in a house. It shows the arrangement of wiring, placement of switches, sockets, light fixtures, fans, distribution boards, and other electrical components. A well-prepared layout ensures proper power distribution, safety, and ease of future maintenance while also accommodating modern appliances and technology needs.

Benefits

- Safety Assurance
- Efficient Power Distribution
- Cost-Effective Installation
- Convenient Usage
- Aesthetic Appeal



LEGEND	
	EXHAUST FAN
	6 AMP SWITCH & PLUG POINT
	16 AMP SWITCH & PLUG POINT
	16 AMP SOCKET FOR EXHAUST
	DATA POINT
	USB SOCKET
	CEILING LIGHT 12W
	CEILING LIGHT 9W
	CEILING LIGHT DOUBLE FIXTURE
	LED TUBE-LIGHT 36W
	WALL LIGHT /LAMP
	CEILING FAN
	PENDENT LIGHT
	CHANDELIER
	WARDROBE LIGHT POINT
	MIRROR LIGHT

CONTACT US:-

 www.sshomessolutions.com

 +91 75496 70076, +91 88265 84235

 services@sshomessolutions.com