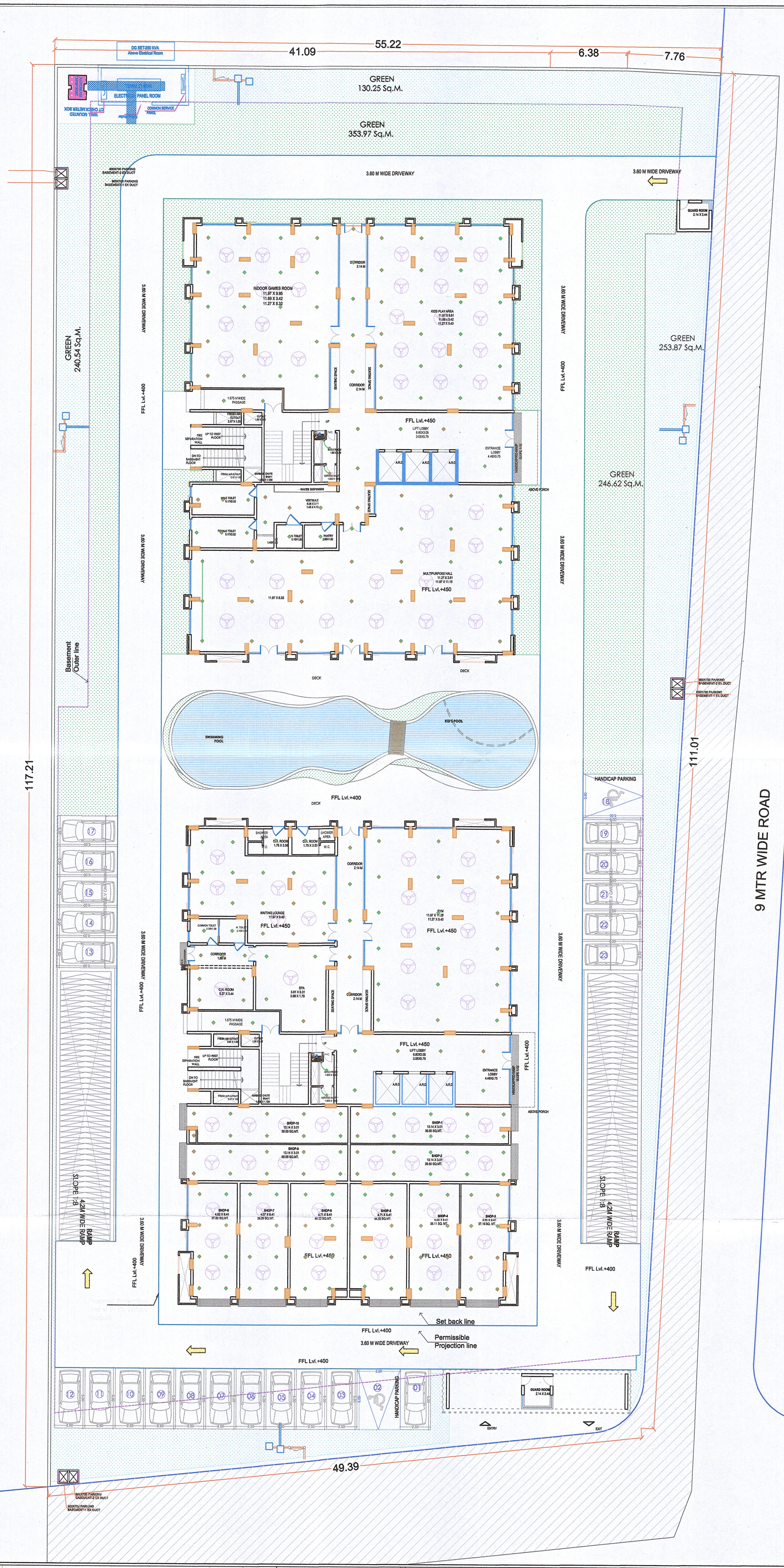

Electrical Legend

Symbol	Description	Height from FFL
	Light and Power DB	Bottom+5'-6"
	UPS DB	Bottom+5'-6"
	VRV DB	Bottom+5'-6"
L-SB1	Light & Fan Switch Board @4'-0"	As Per Detail
L-SB2	Light & Fan Switch Board @3'-0"	As Per Detail
SB-A	6/16 Amp Switch/Socket@3'-6"	As Per Detail
SB-3B	6/16 Amp Switch/Socket@1'-9"	As Per Detail
SB-D	6/16 Amp Switch/Socket@0'-6"	As Per Detail
SB-PR	1 No.- Data Socket 1 No.- 6/16 Amp Socket with Switch @3'-0	As Per Detail
Comp.SB-1	2 No.- 6 Amp UPS Socket,(4M) 1 No.- Data socket,(2M) @ 1'-9" 1 No.- 16 Amp Switch for UPS Sockets, 1 No.- 6 Amp Raw Socket with Switch,(4M)@ 3'-0"	As Per Detail
Comp.SB-2	2 No.- 6 Amp UPS Socket,(4M) 1 No.- Data socket, 1 No.- Telephone socket,(2M) @ 1'-9" 1 No.- 16 Amp Switch for UPS Sockets, 1 No.- 6 Amp Raw Socket with Switch,(4M)@ 3'-0"	As Per Detail
Comp.SB-3	2 Nos.- 6 Amp Socket With Switch ,(6M) In Furniture 1 No.- Data socket, 1 No.- Telephone socket,(2M)@ 1'-9",	As Per Detail
Comp.SB-5	2 No.- 6 Amp Socket with Switch, (6M) In Furniture 1 No.- Data socket,(2M)	As Per Detail
Comp.SB-6	2 No.- 6 Amp Socket with Switch, (6M) In Furniture 1 No.- Data socket, 1 No.- Telephone socket,(2M) @ 1'-9"	As Per Detail
SB-TV2	2 Nos.- 6 Amp Socket, Ht.@ 4'-6" 1 No.- Data socket, 1No. Space for HDMI Cable,Ht.@ 4'-6" 1 No.- 16 Amp switch for TV Sockets, 2 Nos.-6 Amp Socket with Switch, Ht.@ 3'-0"	As Per Detail
PUB-01	**POP UP BOX on Table :** **2 No.- 6 Amp UPS Socket with Switch ,** **1 No.- Data socket,** **1 No.- Telephone socket,** **1 No. HDMI Socket.**	
PUB-02	POP UP BOX on Table : 2 No.- 6 Amp UPS Socket with Switch, 1 No.- Data socket,	
PP1	16 A Power Point For Electronics In Kitchen	Bottom+3'-6"
PP2	16 A Power Point For Fridge	Bottom+3'-6"
PP3	16 A Power Point For Microwave	Bottom+3'-6"
PP-WP	6 A Power Point For Water Purifier	Bottom+6'-6"
PP-G	16 A Power Point For Geyser	Bottom+6'-6"
	Telephone Socket (RJ-11)	As Per Detail
	Data Socket (RJ-45,Cat-6, UTP)	As Per Detail
		Ceiling
		Ceiling
		Ceiling
		Ceiling
		Ceiling
	Wi-Fi Router	Ceiling/Wall
	Speaker	Ceiling
	Smoke Detector	Ceiling
	Heat Detector	Ceiling
	Wall Mounted Hooter cum strobe	+8'-0"
	Manual Call Point	+4'-0"
	Point Wiring-Raw (One Way)	In Conduit
	Point Wiring-UPS (Two Way)	In Conduit
	CCTV Camera- Dome Type	Ceiling

NOTE:- Wire Size

1. Wire from DB to Switch Board
WIRE SIZE FOR CIRCUIT :-
2 X 2.5 SQ. MM COPPER WIRE.+
1 X 1.5 SQMM COPPER WIRE GREEN COLOR FOR EARTHING

LOOP POINT (Switch Board to Switch Board):-
2 X 2.5 SQ. MM COPPER WIRE.+
1 X 1.5 SQMM COPPER WIRE GREEN COLOR FOR EARTHING

2. Point Wire (From Switch Board to Light/Fan Point & Loop Point)
WIRE SIZE FOR CIRCUIT :-
2 X 1.5 SQ. MM COPPER WIRE+
1 X 1.5 SQMM COPPER WIRE GREEN COLOR FOR EARTHING

3. Wire from DB to Power Switch Board (2Nos.16 Amp)
WIRE SIZE FOR CIRCUIT :-
2 X 4.0 SQ. MM COPPER WIRE.+
1 X 2.5 SQMM COPPER WIRE GREEN COLOR FOR EARTHING

LOOP POINT (Switch Board to Switch Board):-
2 X 2.5 SQ. MM COPPER WIRE.+
1 X 1.5 SQMM COPPER WIRE GREEN COLOR FOR EARTHING

4. Wire from DB to Power Switch Board (1No.16 Amp)
WIRE SIZE FOR CIRCUIT :-
2 X 2.5 SQ. MM COPPER WIRE.+
1 X 1.5 SQMM COPPER WIRE GREEN COLOR FOR EARTHING

5. Cable For Data ,CCTV - CAT 6 UTP
6. Telephone Cable- 2 pair Telephone cable
7. Fire Alarm Cable - 2 Core X 1.5 Sq.mm. Armoured Cable

8. Wire from DB to Light Point (Considering LED light fixture)
WIRE SIZE FOR LIGHT CIRCUIT :-
2 X 2.5 SQ. MM COPPER WIRE+
1 X 1.5 SQMM COPPER WIRE GREEN COLOR FOR EARTHING
LOOP POINT :-
2 X 1.5 SQ. MM COPPER WIRE+
1 X 1.5 SQMM COPPER WIRE GREEN COLOR FOR EARTHING

REV. NO.	DESCRIPTION TO REVISION	REV. BY	DATE
-	-	-	-

ARCHITECT
ARCHITECTURE / URBAN DESIGN
C - 424 KING'S ROAD .NIRMAN NAGAR
JAIPUR - 302019 , RAJASTHAN

PROJECT NAME
ROYAL RETREAT

PROJECT ADDRESS
PROPOSED GROUP HOUSING PROJECT ON KHASRA NO. 362/183AT KANAKPURA, TEH.-JAIPUR DIST.- JAIPUR

STAMP:
SUDHIR MATHUR
P.F. CONSULTANT
MECHANICAL

DWG TITLE:
GROUND FLOOR ELECTRICAL PLAN

MEP CONSULTANTS:
SHRESHTHA
the heartbeat of your building

DEALT BY:	CHECKED BY:	DIRECTION:
DEVENDRA	SACHIN	

DRAWN NO:	SCALE:	SHEET SIZE:	DATE:
	1:100	A-1	30.11.2024