



CIRCUIT NO	POINTS CONNECTED TO DB-GF	POINTS CONNECTED TO CDB-GF
1	1-6	E1-E9
2	7-16	E10-E14
3	17-24	C1-C4
4	25-32	C5-C10
5	33-40	SPARE
6	41-48	SPARE
7	49-56	SPARE
8	P1,P2	SPARE
9	SPARE	SPARE
10	SPARE	SPARE
11	SPARE	SPARE
12	SPARE	SPARE

GROUND FLOOR ELECTRICAL LAYOUT



CIRCUIT NO	POINTS CONNECTED TO DB-FF	POINTS CONNECTED TO PDB-FF	POINTS CONNECTED TO CDB-FF
1	1-3	P1,P2	E1-E5
2	4-10	P3,P4	E6-E11
3	11-17	P5,P6	C1-C5
4	18-20	P7,P8	C6-C11
5	21-27	AC1	C12-C16
6	28-30	AC2	C17-C19
7	31-38	SPARE	C20-C23
8	39-46	SPARE	SPARE
9	SPARE	SPARE	SPARE
10	SPARE	SPARE	SPARE
11	SPARE	SPARE	SPARE
12	SPARE	SPARE	SPARE

FIRST FLOOR ELECTRICAL LAYOUT

- LEGEND:**
- SINGLE 4'20W LED BOX TYPE FITTING FIXED IN CEILING/ ON WALL AT 7'0" ABOVE FFL/ ABOVE LINTEL LVL.
 - SINGLE 40W LED BOX TYPE FITTING FIXED TO CEILING/ ON WALL AT 7'0" ABOVE FFL. / ABOVE LINTEL LVL.
 - SURFACE MOUNT 15W LED CEILING LIGHT FITTING.
 - 1200MM SWEEP CEILING FAN
 - 300/380MMØ LIGHT/HEAVY DUTY EXHAUST FAN
 - DECORATIVE 10W LED MIRROR LIGHT FIXED AT 6'0" ABOVE FFL
 - MODULAR SWITCH BOX AT 3'6" ABOVE FFL/ 4'6" ABOVE FFL NEAR SINK
 - 5PIN 6A DEPENDENT SOCKET AT 3'6" ABOVE FFL
 - 5PIN 6A INDEPENDENT SOCKET AT 1'6" ABOVE FFL
 - 3NOS 5A SOCKETS WITH 6A SWITCH AT 1'6" ABOVE WORK STATION FOR COMPUTER POINT.
 - 2NOS 5A SOCKETS WITH 6A SWITCH AT 1'6" ABOVE WORK STATION FOR COMPUTER POINT.
 - DISTRIBUTION BOARD AT 6'0" ABOVE FFL.
 - 5/15A UNIVERSAL SOCKET FIXED AT 3'6" ABOVE FFL. ON CEILING FOR PROJECTOR.
 - RJ-11 TELEPHONE SOCKET OUTLET AT 1'6" ABOVE FFL.
 - RJ-45 DATA SOCKET OUTLET AT 1'6" ABOVE FFL/ ON CEILING FOR PROJECTOR.
 - CCTV POINT PROVISION ON WALL AT 7'0" ABOVE FFL.
 - 90W LED STREET LIGHT FIXED ON WALL AT 3.0MTR ABOVE FFL.
 - CALL BELL AT 3'6" ABOVE FFL.
 - BUZZER POINT AT 7'0" ABOVE FFL.
 - 10W LED BULK HEAD AT 6'0" ABOVE FFL.

- NOTE :**
- DO NOT SCALE THE DRAWING FOLLOW THE WRITTEN DIMENSIONS ONLY.
 - ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
 - G.F + 2 UPPER FLOOR STRUCTURE. FLOOR TO FLOOR HEIGHT : 3600
G.F FLOOR TO F.F FLOOR : 3600
F.F FLOOR TO S.F FLOOR : 3600
S.F FLOOR TO T.R FLOOR : 3600
T.R FLOOR TO TERRACE FLOOR : 3600
 - ANY CHANGES SHOULD BE BROUGHT TO THE NOTICE OF THE ARCHITECT.
 - ALL EXTERNAL WALLS ARE 150 mm THK BLOCK WALL, INTERNAL WALLS ARE 150mm & 100 mm thk BLOCK WALL.

SCHEDULE OF OPENINGS				
DOORS :				
TYPE	SIZE	SILL HT.	LINTEL HT.	BEAM BOTTOM
D	1200 X 2400		2400	
TD1	1000 X 2150		2150	
TD2	1050 X 2150		2150	
TD3	750 X 2150		2150	

WINDOWS :				
W1	1800 X 1400	1200	2400	
SW	1800 X 1200	950	2150	

VENTILATORS :				
V1	2400 X 600	2400	roof beam bottom	

DESCRIPTION	NO.	DATE	BY
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REVISION DETAILS

ISSUED TO	NO.	DATE	BY
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ISSUE DETAILS

CLIENT :
MINORITY WELFARE DEPARTMENT BANGALORE.

IMPLEMENTING AGENCY :
RAJIV GANDHI RURAL HOUSING CORPORATION LTD.
(A Government of Karnataka Enterprise)
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DRAWING TITLE :
GROUND & FIRST FLOOR ELECTRICAL LAYOUT

PROJECT TITLE :
PROPOSED CONSTRUCTION OF KPS MODEL URDU SCHOOL AT 02 LOCATIONS OF HAVERI DISTRICT.
1. AKKI-ALUR VILLAGE, HANAGAL TALUK.
2. KARADAGI VILLAGE, SAVANUR TALUK.

DRAWN : VGS	DWG.NO
DESIGN : SUDHAKAR	EL-01
CHECKED : VIJAYANAND	
DATE : 20-04-2026	REV. R0
SCALE : N.T.S	
JOB NO :	

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