

12M WIDE ROAD

48.00

11.00 m wd Back Side Set back

6.00 M INTERNAL ROAD

11.00 m wd Side Set back

6.00 M INTERNAL ROAD

83.75

11.00 m wd Side Set back

6.00 M INTERNAL ROAD

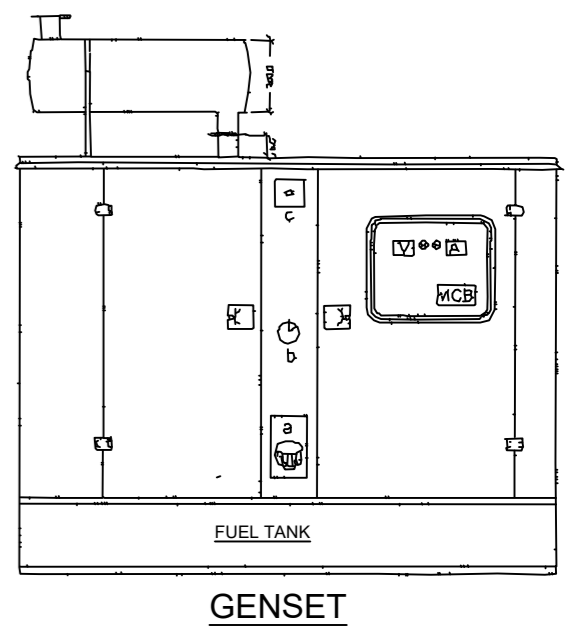
84.80

11.00 m wd Front Set back

48.00

30M WIDE MASTER PLAN ROAD

POWER TRANSFORMER



GENSET

LEGEND :-		MOUNTING HEIGHT FROM F.F.L.*	
S. No.	SYMBOL	DESCRIPTION	
1.		6A ONE WAY SWITCH BOARD	1800 MM.
2.		6A TWO WAY SWITCH BOARD	285 MM. (IF NOT ON SWITCH BOARD)
3.		1200 mmØ CEILING FAN	300MM. ABOVE WORKING SLAB
4.		900 mmØ CEILING FAN	285 MM.
5.		CHANDELER	2100 MM.
6.		1x1TW CEILING LIGHT	ADJACENT TO OPENING
7.		1x1BW CEILING LIGHT	285 MM.
8.		BRACKET LIGHT	
9.		1x1TW MIRROR LIGHT	1800 MM.
10.		2x1BW WALL BRACKET LIGHT	1500 MM.
11.		1x3BW WALL MOUNTED LIGHT	1500 MM.
12.		NET WORKING	1500 MM.
13.		6A SWITCH SOCKET OUTLET	1500 MM.
14.		6A SOCKET FOR EXHAUST FAN	1500 MM.
15.		EXHAUST FAN	AS INSTRUCTED AT SITE OR AS DIRECTED BY ARCHITECTS.
16.		20A SOCKET FOR GEYSER	
17.		25A SOCKET FOR AC	
18.		16A SWITCH SOCKET OUTLET	
19.		TV POINT	
20.		TELEPHONE POINT	
21.		20 mmØ CONDUIT FOR LIGHT	
22.		20 mmØ CONDUIT FOR TV	
23.		20 mmØ CONDUIT FOR TELEPHONE	
24.		25 mmØ CONDUIT FOR POWER	
25.		TELEPHONE TAG BLOCK	
26.		TV JUNCTION BOX	0.61 MM UNARM. CABLE
27.		DISTRIBUTION BOARD	RG-6

NOTES OF CIRCUIT WIRING

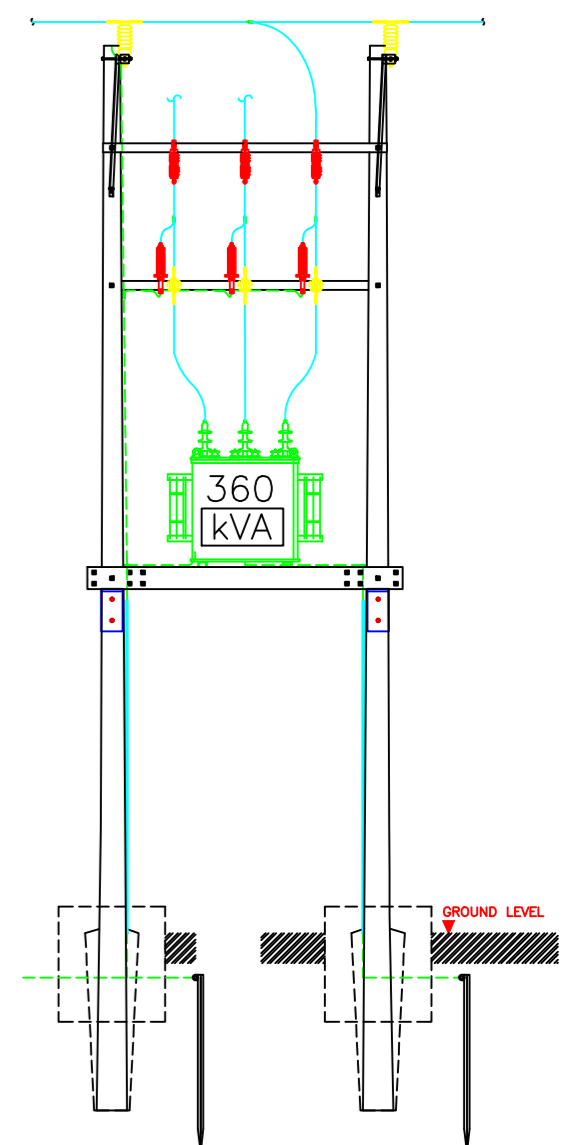
- WIRING SHALL BE DONE WITH SINGLE CORE PVC INSULATED POLY STRANDED FLEXIBLE COPPER CONDUCTOR OF FOLLOWING SIZES.
 - a) CIRCUIT WIRING FOR LIGHT CIRCUITS 2X2.5+1X2.5(B)SQMM.
 - b) WIRING FOR LIGHT POINTS & 6A SOCKET OUTLETS 2X1.5+1X1.5(B)SQMM.
 - c) WIRING FOR 1NO. 16A SOCKET OUTLET 2X4.0+1X4.0(B)SQMM.
 - d) WIRING FOR GEYSER CORD OUTLET 2X4.0+1X4.0(B)SQMM.
 - e) WIRING FOR A/C SOCKET OUTLET 2X6.0+1X6.0(B)SQMM.
- LV SYSTEM.
 - a) WIRING FOR TELEPHONE OUTLET 0.61 MM UNARM. CABLE
 - b) WIRING FOR TV OUTLET RG-6

GENERAL NOTES

- POWER SUPPLY CABLES SHALL BE SINGLE CORE PVC INSULATED OF SINGLE CORE PVC SHEATHED OR MULTICORE PVC/PVC (AS SHOWN ON DRAWINGS), COPPER CONDUCTOR, VOLT GRADE 600/1000 VOLTS TO BSS-6346-1969.
- WIRINGS CABLES (FROM DB,S TO SWITCH BOARD, POWER OUTLETS, SWITCH BOARDS TO LIGHTS FAN/5amps, OUTLETS OR CONTROL WIRING) SHALL BE SINGLE CORE, PVC INSULATED, COPPER CONDUCTOR CABLES, VOLTS GRADE 300/500 OR 450/750 VOLT TO BSS-6004-1975
- LIGHTS CIRCUIT (UNLESS OTHERWISE INDICATED) SHALL BE WIRED WITH 2 Nos 7/029 SINGLE CORE PVC CABLES+3/029 SINGLE CORE CABLE AS PC, (PROTECTIVE CONDUCTOR)
- LIGHT/FAN POINTS/5A OUTLET SHALL BE WIRED. 2 Nos. 3/029 SINGLE CORE PVC CABLE+1No 3/029 SINGLE CORE CABLE AS PC.
- 15 Amps. OUTLETS SHALL BE WIRED WITH 2 Nos. 7/036 SINGLE CORE PVC CABLE+7/029 SINGLE CORE AS PC.
- SPLIT A/C UNITS & WINDOW TYPE A/C UNITS SHALL BE WIRED WITH 2 Nos. 7/036 SINGLE CORE CABLE + 7/029 SINGLE CORE CABLE AS PC (PROTECTIVE CONDUCTOR)
- COLOUR OF WIRING CABLES.
 - PHASE RED, YELLOW, BLUE
 - NEUTRAL BLACK
 - EARTH GREEN
- THE NUMBER OF SINGLE CORE CABLE IN ANY PVC CONDUIT SHALL BE DETERMINED SUCH THAT THE RATIO OF CABLE AREA INCLUDING PROTECTIVE CONDUCTOR TO CONDUIT AREA IS NOT MORE THAN 0.3:1, THE FOLLOWING TABLE IS GIVEN AS GENERAL GUIDE LINES

CONDUIT DIA	NUMBER OF CABLES		
	(3/029)	(7/029)	(7/036)
20	7	4	3
25	16	9	6
32	23	14	10

- WHEREVER CONDUIT SIZE IS NOT SPECIFIED, 20 mm DIA CONDUIT SHALL BE THE MINIMUM SIZE IF IT MEETS THE ABOVE CRITERIA.
- THE PVC CONDUIT SHALL BE LAID ABOVE THE LOWER LAYER OF THE REINFORCEMENT.
- GOOD QUALITY BINDING SOLUTION SHALL BE APPLIED ON ALL JOINTS.
- PVC CONDUIT SHALL BE TIED FIRMLY WITH REINFORCEMENT NEAR BENDS, SOCKET, JUNCTION BOXES, FAN BOXES.
- ALL JUNCTION BOXES & FAN BOXES SHOULD BE INSTALLED PARALLEL TO THE SURFACE OF CEILING.
- BENDS SHALL BE USED ONLY ON "DOWN"/"UP" POSITIONS, NO BEND SHALL BE INSTALLED IN SLAB.
- THERE SHALL NOT BE MORE THEN TWO BENDS IN ANY ROUTE OF CONDUITS OTHERWISE PULL BOXES SHALL BE INSTALLED AFTER TWO BENDS.
- PVC CONDUIT IN WALLS SHALL BE RECESSED AFTER MAKING GROVE WITH CUTTER IT SHALL BE COVERED WITH ATLEAST 1" COVER OF PLASTER.
- ALL CONDUITS NETWORK SHALL BE CLEANED & CHECKED USING PULL WIRES, THE CABLES SHALL BE DRAWN CAREFULLY, NOT APPLYING EXCESSIVE FORCE, NOT DAMAGING THE CABLES, THERE SHALL BE NO JOINT IN CABLE IN CONDUIT, JOINT IN CABLES SHALL BE MADE ONLY IN SWITCH BOARD, JUNCTION BOXES, PULL BOXES.
- THE INSULATION RESISTANCE TEST SHALL BE PERFORMED ON ALL ELECTRICAL EQUIPMENT AND WIRING USING MEGGER TESTER, THE MINIMUM ACCEPTABLE INSULATION RESISTANCE VALUE SHALL BE 1 MEGAOHM
- THE CONTRACTOR SHALL KEEP A CAREFUL RECORD OF ALL CHANGES/REVISION TO THE ORIGINAL DESIGN.
- THE CONTRACTOR SHALL PREPARE, AND SUBMIT FOR APPROVAL SHOP DRAWINGS SHOWING EXACT ROUTES OF CONDUITS/CABLE/CABLE TRAYS ETC, AND FOR DBs & PANELS BEFORE STARTING EXECUCUTION.
- THE CONTRACTOR SHALL KEEP A CAREFUL RECORD OF ALL CHANGES/REVISION TO THE ORIGINAL DESIGN.
- EARTH RESISTANCE VALUE OF EARTHING : LESS THAN 1 OHM
- ALL THE INTERNAL ELECTRIFICATION WILL BE DONE AFTER THE FINALIZATION OF FURNITURE AND INTERIOR PLAN



Drawing number	- 001	NORTH :
Date	- 20.01.2024	
Drawn by	Ram Gupta	
Checked By	Ar.Samarth Chaturvedi	