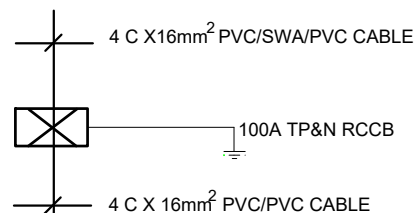


GENERAL NOTES

1. Before embarking on any part of this project, first, study carefully and understand these drawings and other documents relating to this project.
2. Do not scale drawings. Refer any discrepancies to the Architects, relating to this project.



6-WAY 63A DISTRIBUTION BOARD - DBD

S/NO	CCT/NO	DESCRIPTION	NO. OF POINTS	PEAK LOAD(W)	DIVERSI. factor (A)	CONNECTED LOADS			MCB RATING (Amp)	CABLE SIZE (mm ²)	NO. OF WAYS
						R	Y	B			
1	DL1	Lighting points	13	260	1	260			10	1.5	1
2	DL2	Lighting points	24	480	1		480		10	1.5	
3	DL3	Lighting points	26	520	1			520	10	1.5	
4	DL4	Lighting points	12	720	1	720			10	1.5	2
5	DL5	Lighting points	28	560	1		560				
6	DL6	Lighting points	12	400	1			400			
7	DP1	13A Sockets	9	1800	1		1800		30	2.5	3
8	DP2	13A Sockets	9	1800	1	1800			30	2.5	
9	DP3	13A Sockets	10	2000	1		2000		30	2.5	
10	DC1	15A Sockets for A/C	1	1500	1			1500	20	4.0	4
11	DC2	15A Sockets for A/C	1	1500	1	1500			20	4.0	
12	DC3	15A Sockets for A/C	1	1500	1			1500	20	4.0	
13	DC4	15A Sockets for A/C	1	1500	1			1500	20	4.0	5
14	DC5	15A Sockets for A/C	1	1500	1	1500			20	4.0	
15	DC6	15A Sockets for A/C	1	1500	1		1500		20	4.0	
16	DC7	15A Sockets for A/C	1	1500	1	1500					6
17	DC8	15A Sockets for A/C	1	1500	1	1500					
18	DC9	15A Sockets for A/C	1	1500	1		1500				
19		Spare		1500	1			1500			

ESTIMATED LOAD PER PHASE	8,780	7,840	6,920
TOTAL ESTIMATED LOAD		23,540	
ESTIMATED LOAD CURRENT		40.9A	

LOAD ANALYSIS

PROJECT TITLE

**PROPOSED CONSTRUCTION OF
WOMEN VOCATIONAL CENTER**

LOCATION

**AT MALKOHI YOLA SOUTH,
ADAMAWA STATE,
NORTH - EAST NIGERIA**

DWG NO:

E06

PREPARED BY: OKOKON Efanga//
eokokon@iom.int

DATE: MAY 2020