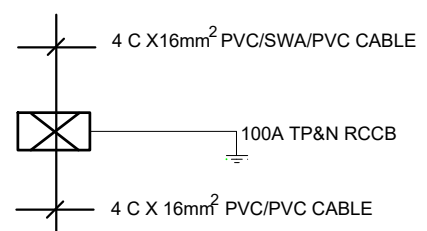


GENERAL NOTES

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 - DBB

S/NO	CCT/NO	DESCRIPTION	NO. OF POINTS	PEAK LOAD(W)	DIVERSI. factor (A)	CONNECTED LOADS			MCB RATING (Amp)	CABLE SIZE (mm <sup>2</sup> )	NO. OF WAYS
						R	Y	B			
1	BL1	Lighting points	18	240	1	360			10	1.5	1
2	BL2	Lighting points	34	105	1		680		10	1.5	
3	BL3	Lighting points	7	130	1			420	10	1.5	
4	BL4	Lighting points	24	900	1	480			10	1.5	2
5	BL5	Lighting points	12	900	1		240				
6	BP2	13A Sockets	8	1800	1			1600	30	2.5	3
7	BP2	13A Sockets	6	1600	1		1200		30	2.5	
8	BP3	13A Sockets	6	1000	1	1200			30	2.5	
9	BC1	15A Sockets for A/C	1	1500	1			1500	20	4.0	4
10	BC2	15A Sockets for A/C	1	1500	1		1500		20	4.0	
11	BC3	15A Sockets for A/C	1	1500	1	1500			20	4.0	
12	BC4	15A Sockets for A/C	1	1500	1			1500	20	4.0	
13	BC5	15A Sockets for A/C	1	1500	1			1500	20	4.0	5
14	BC7	15A Sockets for A/C	1	1500	1	1500			20	4.0	
15	BC8	15A Sockets for A/C	1	1500	1		1500		20	4.0	
16		Spare									
ESTIMATED LOAD PER PHASE						5,040	4,860	6,520			
TOTAL ESTIMATED LOAD									16,420		
ESTIMATED LOAD CURRENT									28.6A		

LOAD ANALYSIS



PROJECT TITLE  
**PROPOSED CONSTRUCTION OF WOMEN VOCATIONAL CENTER**

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

DWG NO:  
E05

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

DATE: MAY 2020