

GENERAL NOTES :

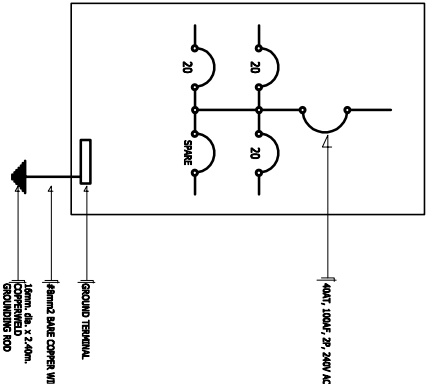
1. ALL ELECTRICAL WORKS COMPLIED IN ACCORDANCE WITH THE PLAN AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
THE ELECTRICAL WORKS WAS DONE UNDER THE IMMEDIATE SUPERVISION OF A DUTY REGISTERED ELECTRICAL ENGINEER.
2. THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2 - WIRE, 230V AC, 60Hz
3. WIRING METHOD WAS FOLLOWED:
 - INTERMEDIATE METALLIC CONDUIT
 - a. FEEDERS AND RISERS
 - b. FEEDING POWER, RECEPTACLE
 - c. BRANCH CIRCUIT, & AUXILIARYSCHED. 40
4. ALL WIRES ARE COPPER & THERMOPLASTIC INSULATED TYPE "THW", THE MINIMUM SIZE OF WIRE FOR POWER & LIGHTING CIRCUIT HOMERUN 3.5mm2 INSULATED FOR 600 VOLTS, RACEWAY -15mm. dia. TRADE/NOMINAL SIZE.
5. ALL OUTLET BOXES ARE GALVANIZED GAGE No. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.
6. ALL MATERIALS USED ARE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
7. GROUNDING SYSTEM PROVIDED TO ALL LIGHTING AND POWER CIRCUIT AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
8. MOUNTING HEIGHT OF WIRING DEVICES ARE:
 - a. LIGHT SWITCH - 1.20 m. ABOVE FIN. F.L.R. LINE
 - b. CONVENIENCE OUTLET - 0.30 m. ABOVE FIN. F.L.R. LINE
 - c. PANEL BOARD - 1.80 m. ABOVE FIN. F.L.R. LINE

LOAD SCHEDULE

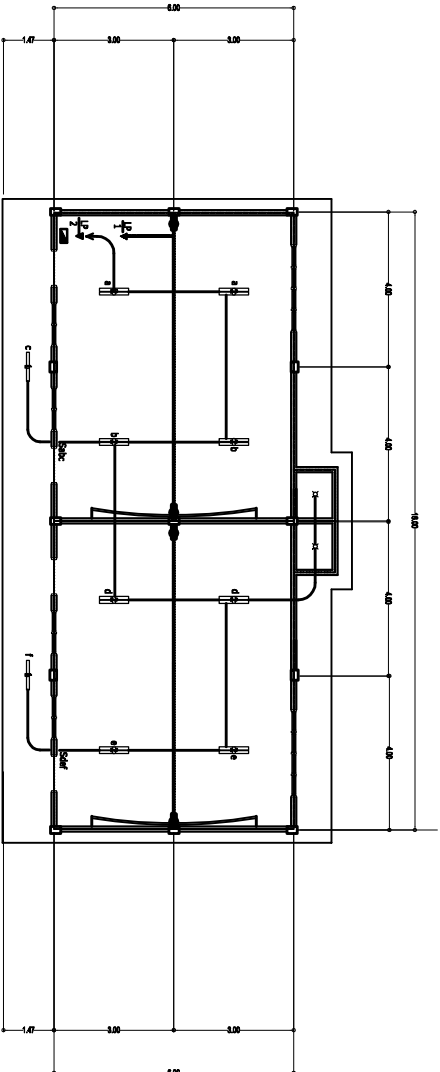
PANELBOARD : LP							MAIN : 40A/1, 100A/1, 2P, 240V
CKT. NO.	DESCRIPTION	VA LOAD	CIRCUIT BREAKER				WIRE & CONDUIT SIZE
			VOLT	POLE	AT	AF	
1	CONVENIENCE OUTLET 4 x 180W	720	230	2	20	50	3-3.5mm2 THW IN 15mm. dia. C
2	LIGHTS AND FAN	1200	230	2	20	50	3-3.5mm2 THW IN 15mm. dia. C
3	SPACE	1500	230	2	20	50	3-3.5mm2 THW IN 15mm. dia. C
4	TOTAL	3420	230	2	20	50	_____
FEEDER : 2 - 5.5mm2 THW IN 20mm. dia. NSC PROTECTION : 40A/1, 50A/1, 2P, 240V IL = $\frac{3420}{230V}$ = 15 A							

LEGEND :

SYMBOL	DESCRIPTION
	1 x 40 WATT FLUORESCENT LAMP
	2 x 40 WATT FLUORESCENT LAMP
	PROPOSED CEILING FAN
	FAN CONTROL SWITCH
	THREE GANG DEVICE SWITCH
	RACEWAY CONDUIT CONCEALED IN CEILING
	RACEWAY CONDUIT CONCEALED IN FLOORING
	PANELBOARD
	DUPLEX CONVENIENCE OUTLET
	CIRCUIT BREAKER
	ELECTRIC SERVICE METER
	SERVICE ENTRANCE



SINGLE LINE DIAGRAM



ELECTRICAL LAY-OUT

SCALE 1 : 100 M.

<div><div><div>DEPARTMENT OF EDUCATION</div><div>DIVISION OF MISAMIS ORIENTAL</div><div>14, Verde Street, Cagayan de Oro City</div></div><div><div>DepEd</div><div>Division Office</div></div></div>	PROJECT TITLE : REPAIR / REHABILITATION OF ONE STOREY TWO (2) CLASSROOMS PRE-FAB TYPE WITH ATTACHED CR	PREPARED BY: ENGR. SANDY L. SIMO, CE		RECOMMENDING APPROVAL: RUDY O. MAGDUGO <small>Chief, SCOD</small>		APPROVED: CHERRY MAE L. LIMBAGO, Ph.D., CESO V <small>SCHOOLS DIVISION SUPERINTENDENT</small>	SHEET CONTENTS : POWER LAY-OUT LIGHTING LAY-OUT SINGLE LINE DIAGRAM GENERAL NOTES : LOAD SCHEDULE LEGEND :	SHEET NUMBER 03 of 03
OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT DEPED DIVISION OF MISAMIS ORIENTAL								