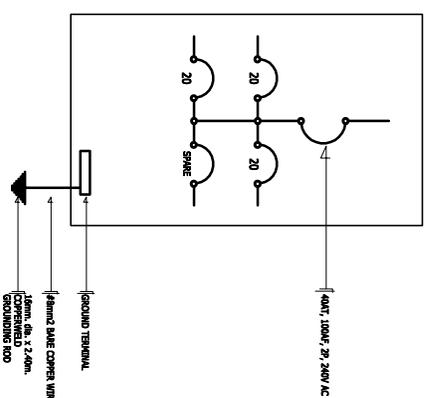


GENERAL NOTES :

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.
2. THE ELECTRICAL WORKS WAS DONE UNDER THE IMMEDIATE SUPERVISION OF A DUTY REGISTERED ELECTRICAL ENGINEER.
3. WIRING METHOD WAS FOLLOWED:
 - a. INTERMEDIATE METALLIC CONDUIT
 - b. FEEDERS AND RISERS - DIRECT RUN
 - c. BRANCH CIRCUIT, RESERFACE - DOWN RUN
 - d. BRANCH CIRCUIT, & AUXILIARY - SCHED. 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

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
NOT TO SCALE

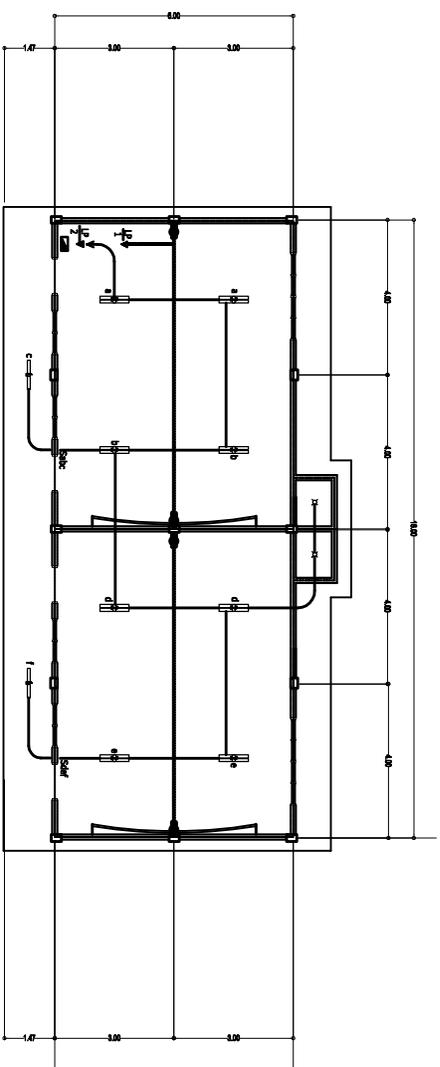
LOAD SCHEDULE

CCT. NO.	DESCRIPTION	VA LOAD	CIRCUIT BREAKER			WIRE & CONDUIT SIZE	
			VOLT	POLE	AF		
1	CONVENIENCE OUTLET 4 X 180W	720	230	2	20	50	3-3.5mm ² THW IN 15mm. dia. C
2	LIGHTS AND FAN	1200	230	2	20	50	3-3.5mm ² THW IN 15mm. dia. C
3	SPARE	1500	230	2	20	50	3-3.5mm ² THW IN 15mm. dia. C
4	TOTAL	3420	230	2	20	50	

MAIN : 40A, 100A, 2P, 240V

FEEDER : 2 - 5mm² THW IN 20mm. dia. NSC
PROTECTION : 40A, 50A, 2P, 240V

IL = $\frac{3420}{230V}$ = 15 A



ELECTRICAL LAY-OUT
SCALE 1:100 M.

DEPARTMENT OF EDUCATION
DIVISION OFFICE - MISAMIS ORIENTAL
A. Verde Street, Cagayan de Oro City

PROJECT TITLE : **REPAIR / REHABILITATION OF ONE STOREY TWO (2) CLASSROOMS BAGONG LIPUNAN TYPE WITH ATTACHED CR**

SCHOOL : LAURENS ALIBUNDO ELEMENTARY SCHOOL
ADDRESS : ALIBUNDO, MISAMIS ORIENTAL

DIVISION : MISAMIS ORIENTAL

PREPARED BY : **ENGR. SANDY L. SIMO, CE**
Division Engineer III

RECOMMENDING APPROVAL : **RUDY O. MAGDUGO**
Chief, SCOD

OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT
DEPED DIVISION OF MISAMIS ORIENTAL

APPROVED : **CHERRY MAE L. LIMBACO, Ph.D., CESO V**
SCHOOLS DIVISION SUPERINTENDENT

SHEET CONTENTS :
POWER LAY-OUT
LIGHTING LAY-OUT
SINGLE LINE DIAGRAM
GENERAL NOTES :
LOAD SCHEDULE
LEGEND :

SHEET NUMBER
03 of 03