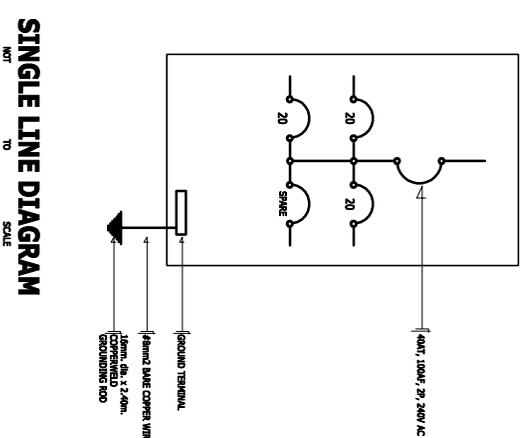


**GENERAL NOTES :**

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 - PLASTER AND PLASTER
  - c. BRANCH CIRCUIT, & AUXILIARY - PLASTER AND PLASTER
  - 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 3.5mm<sup>2</sup> 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



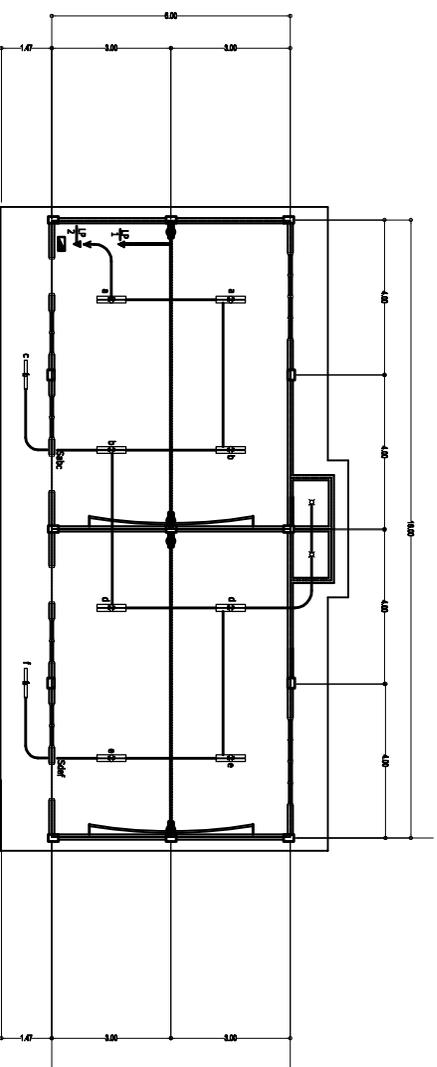
**LOAD SCHEDULE**

CCT. NO.	DESCRIPTION	VA LOAD	CIRCUIT BREAKER			WIRE & CONDUIT SIZE	
			VOLT	POLE	AT		AF
1	CONVENIENCE OUTLET 4 X 180W	720	230	2	20	50	3-3.5mm <sup>2</sup> THW IN 15mm. dia. C
2	LIGHTS AND FAN	1200	230	2	20	50	3-3.5mm <sup>2</sup> THW IN 15mm. dia. C
3	SPARE	1800	230	2	20	50	3-3.5mm <sup>2</sup> THW IN 15mm. dia. C
4	TOTAL	3420	230	2	20	50	

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

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

IL = 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 PRE-FAB TYPE WITH ATTACHED CR**

SCHOOL : LAURENS ALIBUNDO ELEHENTARY 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

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

**OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT**  
DEPED DIVISION OF MISAMIS ORIENTAL

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

SHEET NUMBER  
**03 of 03**