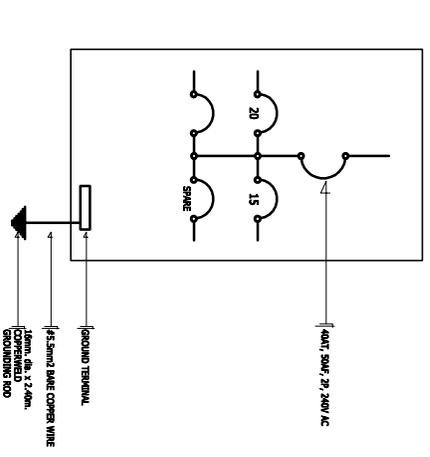


GENERAL NOTES :

- ALL ELECTRICAL WORKS COMPLIED IN ACCORDANCE WITH THE PLAN AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITIONS 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.
- WIRING METHOD WAS FOLLOWED:
 - a. INTERMEDIATE METALLIC CONDUIT
 - b. FEEDERS AND RISERS - RIGID METALLIC CONDUIT
 - c. BRANCH CIRCUIT, RESERVAIRE SCHED. 40
 - d. BRANCH CIRCUIT, & AUXILIARY SCHED. 40
- 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.
- ALL OUTLET BOXES ARE GALVANIZED GAGE No. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.
- ALL MATERIALS USED ARE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
- GROUNDING SYSTEM PROVIDED TO ALL LIGHTING AND POWER CIRCUIT AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
- 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
	18 WATTS COMPACT FLUORESCENT LAMP WITH MEDIUM BASE
	2 X 36 WATTS, 230 VOLTS, 60HZ, FLUORESCENT LAMP BOX TYPE
	PROPOSED CEILING FAN
	FAN CONTROL SWITCH
	SINGLE POLE WALL SWITCH
	2 SINGLE POLE WALL SWITCHES IN ONE SWITCH PLATE
	RACEWAY CONDUIT CONCEALED IN CEILING
	RACEWAY CONDUIT CONCEALED IN FLOORING
	PANELBOARD
	DUPLEX CONVENIENCE OUTLET
	CIRCUIT BREAKER
	ELECTRIC SERVICE METER
	SERVICE ENTRANCE



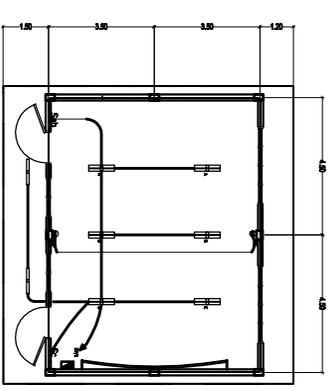
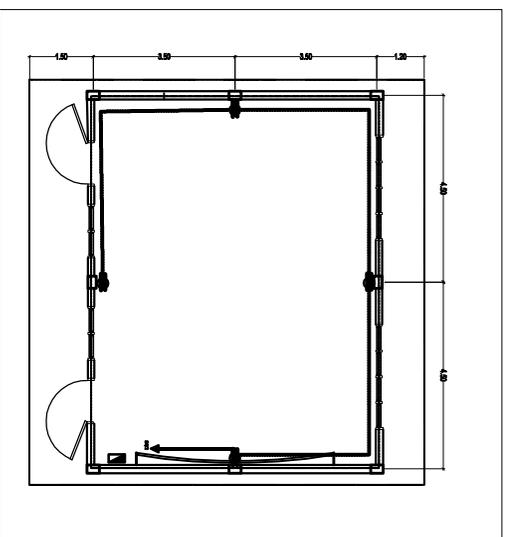
LOAD SCHEDULE

CCT. NO.	DESCRIPTION	VA LOAD	CIRCUIT BREAKER			WIRE & CONDUIT SIZE
			VOLT	POLE	AT	
1	CONVENIENCE OUTLET AND CEILING FANS	900	230	2	20	3-3.5mm ² THW IN 15mm. dia. C
2	LIGHT OUTLETS	614	230	2	15	3-3.5mm ² THW IN 15mm. dia. C
	TOTAL	1514				

MAIN : 40A, 500F, 2P, 240V

FEEDER : 2-5mm² THW IN 20mm. dia. NSC
PROTECTION : 40A, 500F, 2P, 240V

IL = $\frac{1514}{230V} = 6.58 A$



DEPED
DIVISION OF MISAMIS ORIENTAL
A. Velaz Street, Cagayan de Oro City

PROJECT TITLE : **REPAIR / REHABILITATION OF ONE STOREY ONE (1) CLASSROOM DEPED TYPE WITH ATTACHED CR**

SCHOOL : LAUNDAS ALIBUND ELEMENTARY SCHOOL
ADDRESS : ALIBUND, MISAMIS ORIENTAL

DIVISION : MISAMIS ORIENTAL

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

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

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 :
SINGLE LINE DIAGRAM
LOAD SCHEDULE
POWER LAY-OUT
LIGHTING LAY-OUT

03 of 03

SHEET NUMBER