

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 DULY REGISTERED ELECTRICAL ENGINEER.
3. WIRING METHOD WAS FOLLOWED:

a. FEEDERS AND RISERS

b. LIGHTING POWER RECEPTACLE BRANCH CIRCUIT, & AUXILIARY

- INTERMEDIATE METALLIC CONDUIT

- POLYVINYL CHLORIDE CONDUIT

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

b. CONVENIENCE OUTLET

c. PANEL BOARD

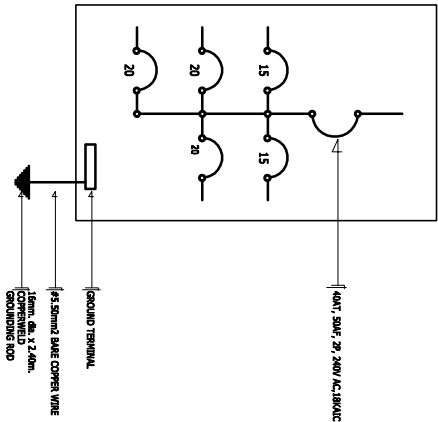
- 1.20 m. ABOVE FIN. F.L.R. LINE

- 0.30 m. ABOVE FIN. F.L.R. LINE

- 1.80 m. ABOVE FIN. F.L.R. LINE

LEGEND :

SYMBOL	DESCRIPTION
	1 x 18 WATT FLOURESCENT LAMP W/ MEDIUM BASE, KELLLESS TYPE PORCELAIN RECEPTACLE OUTLET
	2 x 36 WATT FLOURESCENT LAMP BOX TYPE
	WALL FAN, 65 WATTS, 230V, 60HZ
	WALL 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

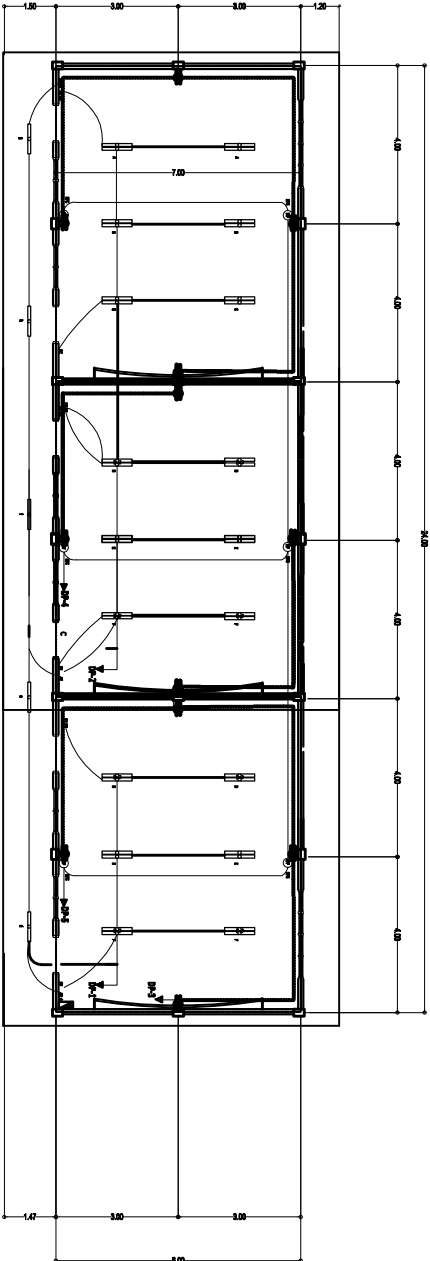


SINGLE LINE DIAGRAM

NOT TO SCALE


LOAD SCHEDULE

PANELBOARD : LP							MAIN : 40A ^T , 50AF, 2P, 240V	
CKT. NO.	DESCRIPTION	VA LOAD	CIRCUIT BREAKER				WIRE & CONDUIT SIZE	
			VOLT	POLE	AT	AF		
1	LIGHT OUTLET	689	230	2	15	50	3-3.5mm ² THW IN 15mm. dia. C	
2	LIGHT OUTLET	1128	230	2	15	50	3-3.5mm ² THW IN 15mm. dia. C	
3	CONVENIENCE OUTLETS	1080	230	2	20	50	3-3.5mm ² THW IN 15mm. dia. C	
4	CONVENIENCE OUTLETS	1080	230	2	20	50	3-3.5mm ² THW IN 15mm. dia. C	
5	FANS	540	230	2	20	50	3-3.5mm ² THW IN 15mm. dia. C	
TOTAL		= 4517		FEEDER : 2 - 8.0mm ² THW IN 20mm. dia. RSC PROTECTION : 40A ^T , 50AF, 2P, 240V				
TLL = 4517 230V = 19.64 AMPERES								



ELECTRICAL LAY-OUT

SCALE 1:100 M.



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

PROJECT TITLE :

REPAIR / REHABILITATION OF ONE STOREY THREE (3) CLASSROOMS BAGONG LIPUNAN TYPE WITH ATTACHED CR

REPERED BY:

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