

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 DULY REGISTERED ELECTRICAL ENGINEER.
2. THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2 - WIRE, 230V AC, 60Hz
3. WIRING METHOD WAS FOLLOWED:
 - a. FEEDERS AND RISERS - INTERMEDIATE METALLIC CONDUIT
 - b. LIGHTING POWER RECEPTACLE BRANCH CIRCUIT & AUXILIARY SCHED. 40
4. ALL WIRES ARE COPPER & THERMOPLASTIC INSULATED TYPE "THW", THE MINIMUM SIZE OF WIRE FOR POWER & LIGHTING CIRCUIT HOWEVER 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

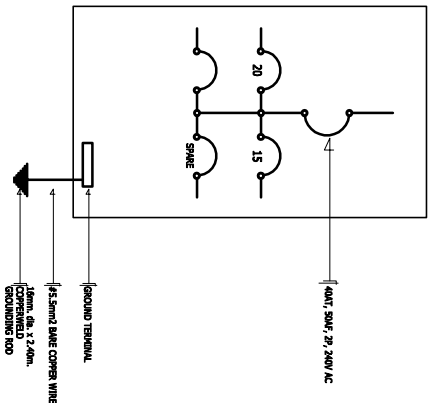
PANELBOARD : LP							MAIN : 40A/1, 50A/1, 2P, 240V	
CKT. NO.	DESCRIPTION	VA LOAD	CIRCUIT BREAKER				WIRE & CONDUIT SIZE	
			VOLT	POLE	AT	AF		
1	CONVEIENCE OUTLET AND CEING FANS	900	230	2	20	50	3-3.5mm ² THW IN 15mm. dia. C	
2	LIGHT OUTLETS	614	230	2	15	50	3-3.5mm ² THW IN 15mm. dia. C	
	TOTAL	1514					_____	

IL = 1514
230 V = 6.58 A

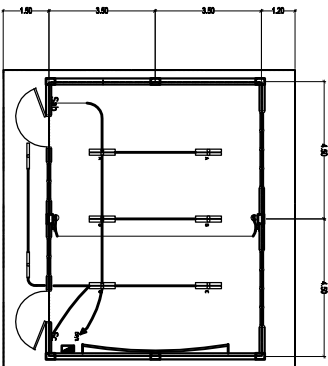
FEDER : 2-1.5mm² THW IN 20mm. dia. RSC
PROTECTION : 40A/1, 50A/1, 2P, 240V

LEGEND:

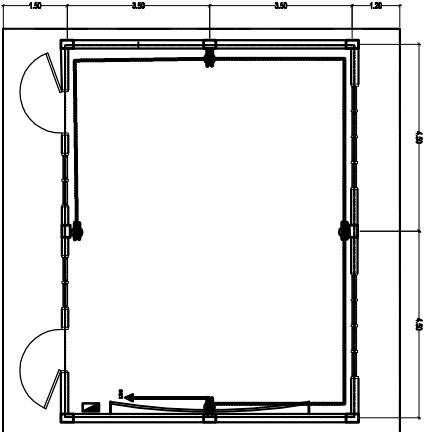
	DESCRIPTION
	18 WATTS COMPACT FLUORESCENT LAMP WITH MEDIUM BASE
	2 x 36 WATTS, 230 VOLTS, 60HZ, FLUORESCENT LAMP BOY TYPE
	PROPOSED CEILING FAN
	FAN CONTROL SWITCH
	SINGLE POLE WALL SWITCH
	2 SINGLE POLE WALL SWITCHES IN ONE SWITCH PLATE
	RACEWAY CONDUIT CONCEALED IN CEILING
	RACEWAY CONDUIT CONCEALED IN FLOORING
	PANELBOARD
	DUPLEX CONVENIENCE OUTLET
	CIRCUIT BREAKER
	ELECTRIC SERVICE METER
	SERVICE ENTRANCE




SINGLE LINE DIAGRAM
NOT TO SCALE



LIGHTING LAY-OUT



POWER LAY-OUT

 DEPARTMENT OF EDUCATION DIVISION OFFICE - MIMAROPA A. Viter Street, Cagayan de Oro City		PROJECT TITLE : REPAIR / REHABILITATION OF ONE STOREY ONE (1) CLASSROOM DEPED TYPE WITH ATTACHED CR	
OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT DEPED DIVISION OF MIMAROPA ORIENTAL		PREPARED BY: ENGR. SANDY L. SIMO, CE <small>Division Engineer III</small>	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 : SINGLE LINE DIAGRAM LOAD SCHEDULE POWER LAY-OUT LIGHTING LAY-OUT	
		SHEET NUMBER 03 of 03	