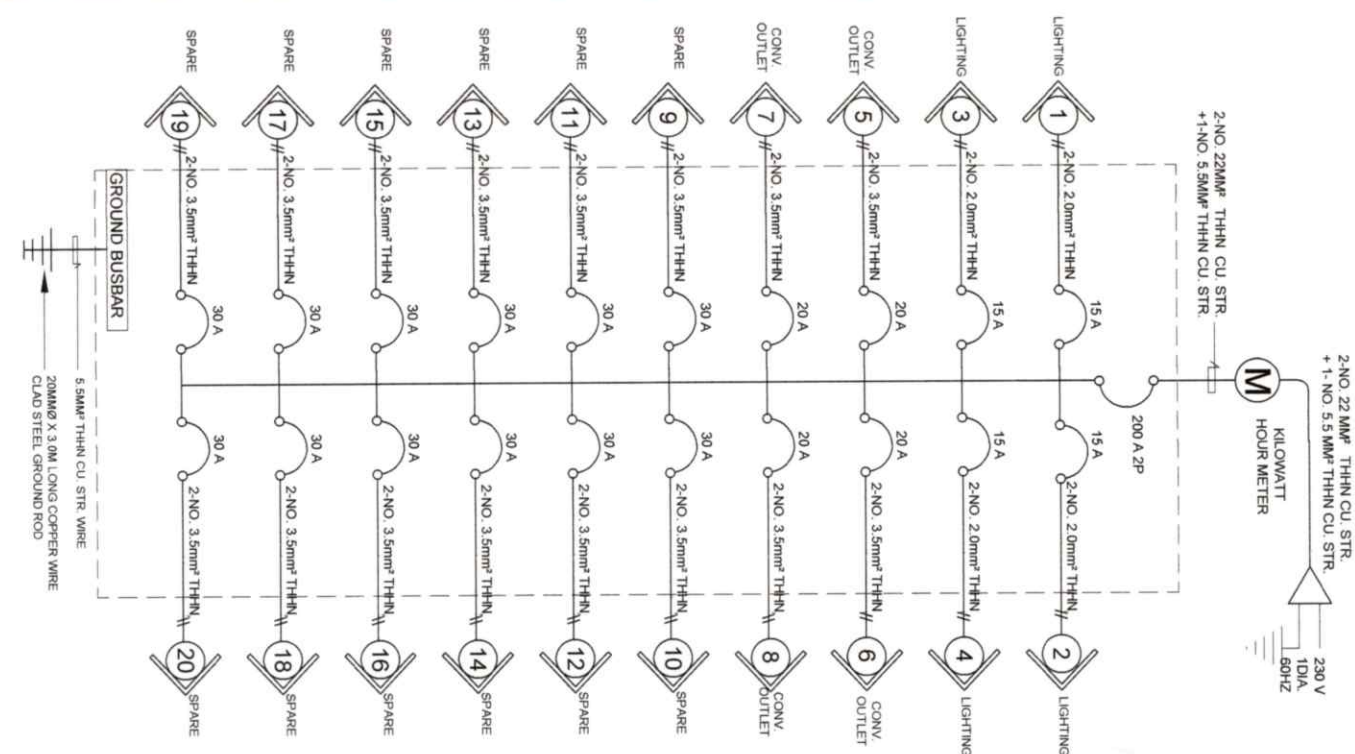


BUILDING OFFICIAL

ELECTRICAL



CIRCUIT NO.	LOAD DESCRIPTIONS				SWITCHES			AMPERE	VOLTS	VA	CIRCUIT PROTECTION	SIZE AND TYPE OF CONDUCTOR	SIZE OF CONDUIT				
	L.O.	C.O.	OTHERS	S1	S2	S3	S3W										
C1	14 - 15W FLOURESCENT LAMP 1 - 15W PEN LIGHT			2	6			1.31 A	230	300 W	15 AT 2 P CB	2 - 2.0 mm THHN. CU. WIRE	20 MM Ø UPVC				
C2	7 - 15W FLOURESCENT LAMP 6 - 15W PEN LIGHT 4 - 25W CEILING EXHAUST FAN 10 - 15W FLOURESCENT LAMP 6 - 15W PEN LIGHT 2 - 25W PEN LIGHT 3 - 25W CEILING FAN			6	2	1		1.34 A	230	308 W	15 AT 2 P CB	2 - 2.0 mm THHN. CU. WIRE	20 MM Ø UPVC				
C3	14 - 15W FLOURESCENT LAMP 2 - 15W PEN LIGHT 4 - 5W PEN LIGHT 1 - 100W DECOMACTIVE LIGHT			3	5	3		1.47 A	230	337 W	15 AT 2 P CB	2 - 2.0 mm THHN. CU. WIRE	20 MM Ø UPVC				
C4				6	3			1.88 A	230	432 W	15 AT 2 P CB	2 - 2.0 mm THHN. CU. WIRE	20 MM Ø UPVC				
C5								8.61 A	230	1980 W	20 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C6								10.17 A	230	2340 W	20 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C7								9.39 A	230	2160 W	20 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C8								11.74 A	230	2700 W	20 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C9								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C10								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C11								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C12								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C13								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C14								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C15								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C16								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C17								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C18								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C19								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
C20								10.87 A	230	2500 W	30 AT 2 P CB	2 - 3.5 mm THHN. CU. WIRE 1 - 2.0 mm TW. CU. GRND. WIRE	20 MM Ø UPVC				
TOTAL				80	51	11	17	16	4			165.21 A	230	38057 W	200 AT 2 P CB	2 - 22mm ² THW. CU. WIRE 1 - 5.5mm ² TW. CU. WIRE	40 MM Ø UPVC

AT 80% DEMAND FACTOR 1 - 132.17A



PROJECT TITLE:
EXTENSION OF RURAL HEALTH UNIT
LOCATION: CABATUAN, ILOILO

SEC. 33 R.A. 9266
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MUNICIPAL MAYOR

SHEET CONTENTS SHEET NO.
AS SHOWN **E-1**
Checked by: JOHAN ROVEL CORTEZ
DATE: