



CKT. NO.	LOAD DESCRIPTION	L.O.	C.O.	OTHER	BT	BE	BS	BN	WATS	VOLT	AMP	AT	AF	P	SERVICE WIRE/TYPE	GROUND WIRE/TYPE	PVC CONDUIT SIZE DIA.
1	LIGHTING OUTLET @ ROW	1.6							800	200	3.60	10	2	2	2-Wire 120V	1-Wire 240V	20
2	LIGHTING OUTLET @ ROW	1.6							800	200	3.60	10	2	2	2-Wire 120V	1-Wire 240V	20
3	LIGHTING OUTLET @ ROW	1.4							700	200	3.18	10	2	2	2-Wire 120V	1-Wire 240V	20
4	LIGHTING OUTLET @ ROW	1.4							700	200	3.18	10	2	2	2-Wire 120V	1-Wire 240V	20
5	LIGHTING OUTLET @ ROW	1.4							700	200	3.18	10	2	2	2-Wire 120V	1-Wire 240V	20
6	LIGHTING OUTLET @ ROW	1.6							800	200	3.60	10	2	2	2-Wire 120V	1-Wire 240V	20
7	LIGHTING OUTLET @ ROW	1.6							800	200	3.60	10	2	2	2-Wire 120V	1-Wire 240V	20
8	LIGHTING OUTLET @ ROW	1.6							800	200	3.60	10	2	2	2-Wire 120V	1-Wire 240V	20
9	LIGHTING OUTLET @ ROW	1.6							800	200	3.60	10	2	2	2-Wire 120V	1-Wire 240V	20
10	LIGHTING OUTLET @ ROW	1.2							600	200	3.18	10	2	2	2-Wire 120V	1-Wire 240V	20
11	LIGHTING OUTLET @ ROW	1.2							600	200	3.18	10	2	2	2-Wire 120V	1-Wire 240V	20
12	LIGHTING OUTLET @ ROW	1.2							600	200	3.18	10	2	2	2-Wire 120V	1-Wire 240V	20
TOTAL CONNECTED LOAD									200	20	10	2	2	2-Wire 120V	1-Wire 240V	20	

LOAD ANALYSIS

LOCATION: GROUND FLOOR - INTERIOR  
 DATE: 1-22-2020  
 DRAWN BY: ENGR. ROMAR LABASTIDA  
 CHECKED BY: ARCHITECT/CIVIL ENGINEER

LEGEND :	
⊕	ROW LIGHTING OUTLET (LO)
⊕-1	SWITCH, THREE GANG AND ONE GANG
⊕-2	SWITCH, TWO GANG
⊕-3	SWITCH, TWO WAY
□	PL. 1/3W
⊕	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE
⊕-1P	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE, WEATHER PROOF
⊕-C	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE, AT COUNTER
⊕-T	RJ11 TELEPHONE OUTLET
⊕-S	STANDARD CATV OUTLET
⊕	KVHR SERVICE METER
⊕	CIRCUIT HOMERUN TO PANEL
⊕	CIRCUIT BREAKER, PLUG-IN TYPE
⊕	LIGHTING & POWER PANELBOARD, NEMA1 ENCLOSURE, FLUSH TYPE, DEADFRONT, 200V, 1-PHASE

- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN STRICT CONFORMITY WITH THE LATEST APPROVED EDITION REQUIREMENTS OF THE PHILIPPINE ELECTRICAL CODE, THE GENERAL NOTES & SPECIFICATION OF THE PHILIPPINE ELECTRICAL COMPANY, THE AGENCY FOR EVERY INTENDED LOCATION AND PURPOSES.
- THE SUPPLY TO THE BUILDING SHALL BE SINGLE PHASE SUPPORTS AND FITTINGS.
- NATURE OF WORKS FOR SERVICE ENTRANCE AND MAIN 3-WIRE, 240VOLTS AND 60HZ.
- ALL MATERIALS AND EQUIPMENT TO BE USED SHALL BE POLYVINYL CHLORIDE (PVC) SCHED. 40 WITH PROPER BOXES AND FOR POWER AND LIGHTING LAYOUT SHALL BE DONE IN FEEDER LINE SHALL BE DONE IN RIGID STEEL CONDUIT (RSC).
- SMALLEST SIZE OF WIRE AND CONDUIT DIAMETER TO BE
- GENERAL NOTES & SPECIFICATION ELECTRICAL LAWS.
- THREE WAY SWITCH
- THREE GANG SWITCH
- LIGHTINGPOWER PANEL BOARD
- CIRCUIT HOMERUN, IND. CKT. NO.
- SINGLE PHASE SERVICE ENTRANCE
- 3WIRE, 240VAC & 60HZ
- MOUNTING HEIGHTS SHALL BE AS FOLLOWS:  
 LIGHT SWITCHES - 1.40M DN CENTER TO FIN. GRD. FLR. LN.  
 DUPLEX CONV. OUTLET - 0.30M.D.C. TO FIN. GRD. FLR. LN.  
 PANEL BOARD - 1.50M.D.C. TO FIN. GRD. FLR. LN.