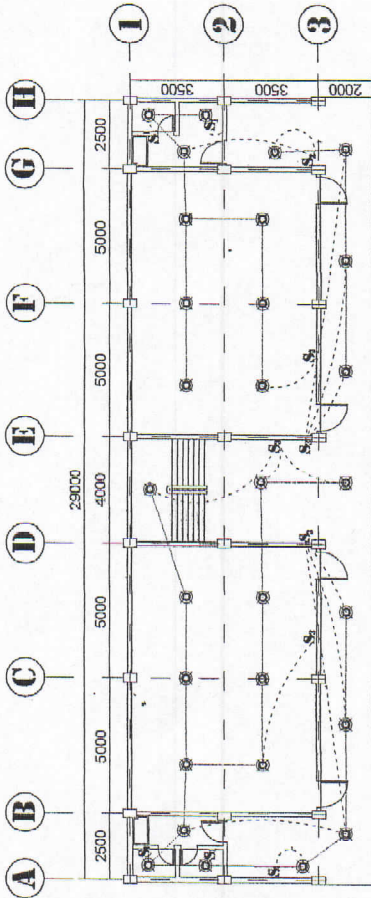
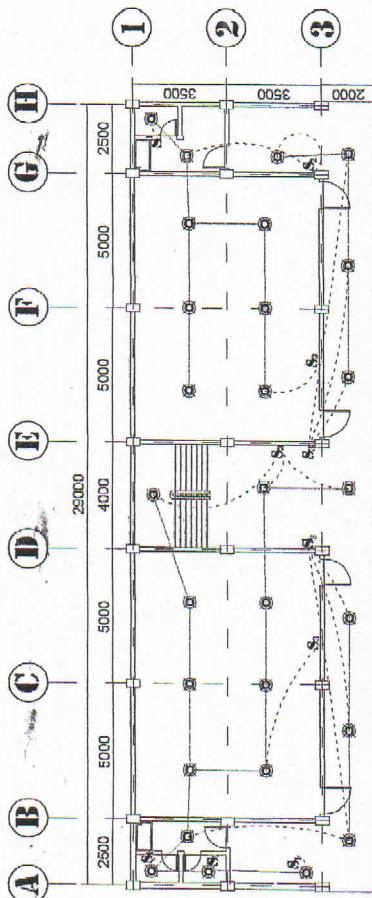


PP-A SCHEDULE OF LOADS

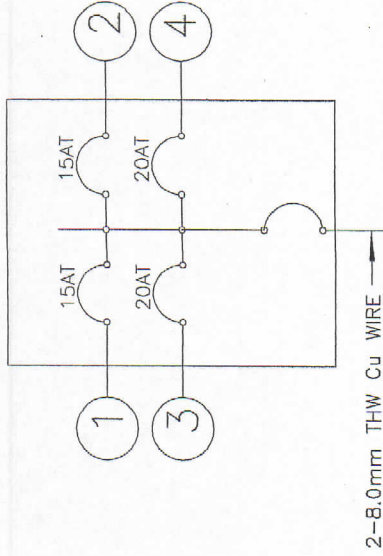
CIRCUIT NUMBER	LIGHT OUTLET	CONV. OUTLET	LOAD DESCRIPTION	POWER (VA)	VOLTAGE (VOLTS)	WIRE SIZE	CONDUIT SIZE	PROTECTION		AMPERES
								AT	AF	
1	18		18 L.O. @ 32VA EACH	576	230V	2.0mm THW	15mm ϕ	15	100	2.5AMPS
2	13		13 L.O. @ 32VA EACH	416	230V	2.0mm THW	15mm ϕ	15	100	1.8AMPS
3	10		10 C.O. @ 180VA EACH 8 CEILING FAN @ 180VA EACH	1800	230V	3.5mm THW	15mm ϕ	20	100	7.82AMPS
				1440	230V	3.5mm THW	15mm ϕ	20	100	6.26AMPS
TOTAL				4232	230V					18.38AMPS



1 GROUND FLOOR LIGHTING LAYOUT PLAN
SCALE 1:200



2 SECOND FLOOR LIGHTING LAYOUT PLAN
SCALE 1:200



1 PP-A CIRCUIT BREAKER DIA.
SCALE 1:200
NTS.

LEGEND:

- CEILING LIGHT(LED)
- FLUORESCENT LAMP
- C.O. DUPLEX CONVENIENCE OUTLET
- RISER
- CIRCUIT BREAKER
- S1 SINGLE SWITCH IN ONE GANG
- RACEWAY EMBEDDED TO CEILING
- LIGHTING AND POWER PANEL
- CIRCUIT HOMERUN
- SERVICE ENTRANCE
- KILOWATT-HOUR METER
- RACEWAY EMBEDDED TO FLOOR
- SWITCH RACEWAY
- 1 HORSE POWER AIRCON. UNIT
- DOUBLE SWITCH IN ONE GANG

SHEET CONTENT:

- GROUND FLOOR LIGHTING LAYOUT PLAN
- SECOND FLOOR LIGHTING LAYOUT PLAN
- PP-A SCHEDULE OF LOAD
- PP-A CIRCUIT BREAKER DIAG.
- LEGEND

**PROPOSED CONSTRUCTION
2 STOREY RSU CAJIDIOCAN CAMPUS
ACADEMIC BUILDING**

LOCATION: ROMBLON STATE UNIVERSITY - Cajidocan Campus, Poljanan, Cajidocan, Romblon

PROJECT TITLE:

CHECKED BY:
JEROME A. SISON, P-Engineer
APPROVED BY:
ATTY. ROMEO S. SISON, P-Attorney

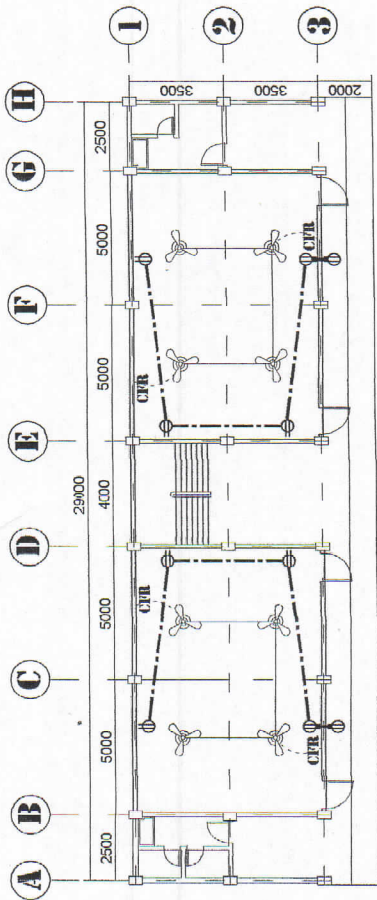
PREPARED BY:
ATTY. ROMEO S. SISON, P-Attorney
ROMBLON STATE UNIVERSITY
OFFICE OF AUXILIARY, PLANT SERVICES AND
BOULEVARD CONTROL UNIT
210 AURELIO BLDG.
CAMPUS CAJIDIOCAN
ROMBLON STATE UNIVERSITY
Date: 04-20-16
PTR No.:
P/1506: TIN:

E-1

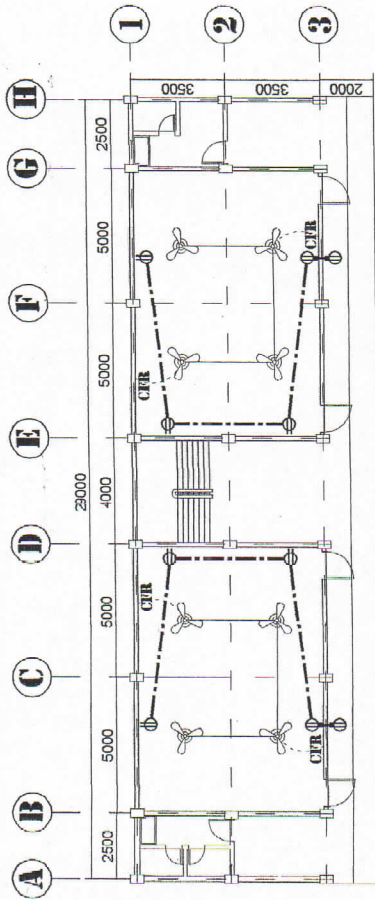
CAD OPERATOR:
Newseal Automi
JOB NO.:
DATE: JUNE 2016

PP-A SCHEDULE OF LOADS

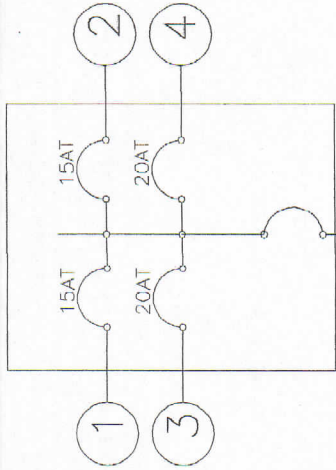
CIRCUIT NUMBER	LIGHT OUTLET	CONV. OUTLET	LOAD DESCRIPTION	POWER (VA)	VOLTAGE (VOLTS)	WIRE SIZE	PROTECTION		AMPERES
							AT	AF	
1	1B		18 L.O. @ 32VA EACH	576	230V	2.04mm THW	15	100	2.5AMPS
2	1.3		13 L.O. @ 32VA EACH	416	230V	2.04mm THW	15	100	1.8AMPS
3		10	10 C.O. @ 180VA EACH 8 CEILING FAN @ 180VA EACH	1800	230V	3.54mm THW	20	100	7.82AMPS
TOTAL				1440	230V	3.54mm THW	20	100	6.26AMPS
				4632	230V				18.35AMPS



1 GROUND FLOOR LIGHTING LAYOUT PLAN
E-2 | E-2 | SCALE 1:200



2 SECOND FLOOR LIGHTING LAYOUT PLAN
E-2 | E-2 | SCALE 1:200



2-8.0mm THW Cu WIRE
TO KW-HR METER

1 PP-B CIRCUIT BREAKER DIA.
E-2 | E-2 | SCALE NTS.

TOTAL COMPUTATION OF LOADS

MAXIMUM POWER DEMAND = TOTAL COMPUTED LOAD
X DEMAND FACTOR
@ 80% B.F.

$$= (4696 + 4696)0.80$$

$$I_T = \frac{7513.6}{230} = 32.67\text{Amps}$$

ROLANDON N. ERUA

PREPARED BY: **ROLANDON N. ERUA**
 ELECTRICAL ENGINEER
 PRC # 0002562
 ADDRESS: 210 AURELIO B. FERROBE ST. MONTE P. FABRITO
 7AL AVE./9TH AVE. CALOOCAN
 ARCHREG NO: 2155 DATE: 01-14-20
 APPROVED BY: *[Signature]*
 ASST. P.E. DIVISION
 ABNUT CODE: 00000000000000000000
 P.T.R. No.: Date:

ROMBLON STATE UNIVERSITY
 OFFICE OF AUXILIARY, PLANT SERVICES AND
 POLLUTION CONTROL UNIT

PROJECT TITLE:
**PROPOSED CONSTRUCTION
 2 STOREY RSU CAJIDIOCAN CAMPUS
 ACADEMIC BUILDING**
 LOCATION: ROMBLON STATE UNIVERSITY - Cajidiocan Campus, Feliciano, Cajidiocan, Romblon

SHEET CONTENT:
 GROUND FLOOR C. O.
 LAYOUT PLAN
 SECOND FLOOR C. O.
 LAYOUT PLAN
 PP-B SCHEDULE OF LOAD
 PP-B CIRCUIT BREAKER
 DIA.
 TOTAL COMP. OF LOADS

CAD OPERATOR:
 Menwaldo Abonni
 JOB NO.:
 DATE: JUNE 2016

E-2