



1 2ND FLOOR C.O. LAYOUT PLAN
 E-4E-4 SCALE
 1:100

PREPARED BY: ROMBLON STATE UNIVERSITY OFFICE OF AUXILIARY, PLANT SERVICES AND POLLUTION CONTROL UNIT	ELECTRICAL ENGINEER ERLANDO N. LUNA REG. ELECTRICAL ENGINEER # 44 ADDRESS: 1000 BARCELONA PHONE NO. 0920 557424 / Date: 5 JUN 2017 PLACE:	CHECKED BY: PEROME AUJOLAN P. FAJARITO REGISTERED ARCHITECT APPROVED BY: ERLANDO N. LUNA REGISTERED ARCHITECT DATE: 5 JUN 2017 PLACE:	PROJECT TITLE: CONSTRUCTION OF EXTENSION AND TRAINING CENTER LOCATION: ROMBLON STATE UNIVERSITY - Main Campus, Linares, Dilagan, Romblon	SHEET CONTENT: AS SHOWN	PREPARED BY: CAD OPERATOR: Renwel M. Rotoni JOB NO.: DATE: JUNE 2017	
	ROMBLON STATE UNIVERSITY OFFICE OF AUXILIARY, PLANT SERVICES AND POLLUTION CONTROL UNIT					

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	10		10 L.O. @ 32VA EACH	320	230V	2.0mm ² THW	15mmØ	15	100	1.39AMPS
2	18		18 L.O. @ 32VA EACH	576	230V	2.0mm ² THW	15mmØ	15	100	2.50AMPS
3	6		6 C.O. @ 180VA EACH	1080	230V	3.5mm ² THW	15mmØ	20	100	4.69AMPS
4	10		10 C.O. @ 180VA EACH	1800	230V	3.5mm ² THW	15mmØ	20	100	7.82AMPS
5			2hp, 230V, 1 Phase ACU	3600	230V	3.5mm ² THW	15mmØ	20	100	16.00AMPS
6			2hp, 230V, 1 Phase ACU	3600	230V	3.5mm ² THW	15mmØ	20	100	16.00AMPS
7			2hp, 230V, 1 Phase ACU	3600	230V	3.5mm ² THW	15mmØ	20	100	16.00AMPS
8			2hp, 230V, 1 Phase ACU	3600	230V	3.5mm ² THW	15mmØ	20	100	16.00AMPS
9			2hp, 230V, 1 Phase ACU	3600	230V	3.5mm ² THW	15mmØ	20	100	16.00AMPS
10			SPARE	180	230V	3.5mm ² THW	15mmØ	30	100	0.78AMPS
TOTAL				21956	230V					97.18MPS

PP-B SCHEDULE OF LOADS

CIRCUIT NUMBER	LIGHT OUTLET	CONV. OUTLET	LOAD DESCRIPTION	POWER (VA)	VOLTAGE (VOLTS)	WIRE SIZE	CONDUIT SIZE	PROTECTION		AMPERES
								AT	AF	
1	13		13 L.O. @ 32VA EACH	416	230V	2.0mm ² THW	15mmØ	15	100	1.80AMPS
2	20		20 L.O. @ 32VA EACH	640	230V	2.0mm ² THW	15mmØ	15	100	2.78AMPS
3	10		10 C.O. @ 180VA EACH	1800	230V	3.5mm ² THW	15mmØ	20	100	7.82AMPS
4	7		7 C.O. @ 180VA EACH	1260	230V	3.5mm ² THW	15mmØ	20	100	5.48AMPS
5			1hp, 230V, 1 Phase ACU	1840	230V	3.5mm ² THW	15mmØ	20	100	8.00AMPS
6			1hp, 230V, 1 Phase ACU	1840	230V	3.5mm ² THW	15mmØ	20	100	8.00AMPS
7			1hp, 230V, 1 Phase ACU	1840	230V	3.5mm ² THW	15mmØ	20	100	8.00AMPS
8			1hp, 230V, 1 Phase ACU	1840	230V	3.5mm ² THW	15mmØ	20	100	8.00AMPS
9			1hp, 230V, 1 Phase ACU	1840	230V	3.5mm ² THW	15mmØ	20	100	8.00AMPS
10			1hp, 230V, 1 Phase ACU	180	230V	3.5mm ² THW	15mmØ	20	100	8.00AMPS
TOTAL				15156	230V					65.88MPS

PREPARED BY: ROMBLON STATE UNIVERSITY OFFICE OF AUXILIARY, PLANT SERVICES AND POLLUTION CONTROL UNIT	ELECTRICAL ENGINEER: ROLANDO M. CRUZ REGISTRADO EN INGENIERIA EN ELECTRICIDAD ADDRESS: P.O. BOX 111, VALDEVERDE, TALIBAHAWAN, ALBAY PHONE No. 053-5262424 E-MAIL: rmcruz@psu.edu.ph TIN:	CHECKED BY: APPROVED BY: (Signatures)	PROJECT TITLE: CONSTRUCTION OF EXTENSION AND TRAINING CENTER LOCATION: ROMBLON STATE UNIVERSITY - Main Campus, Linaoagan, Romblon	SHEET CONTENT: HS SHOWN	PREPARED BY: CAD OPERATOR: Henweide Rotoni
					JOB NO.: DATE: JUNE 2017

