
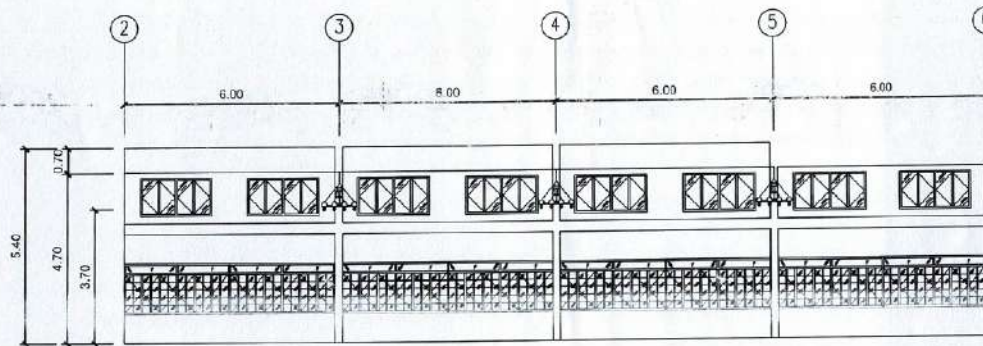
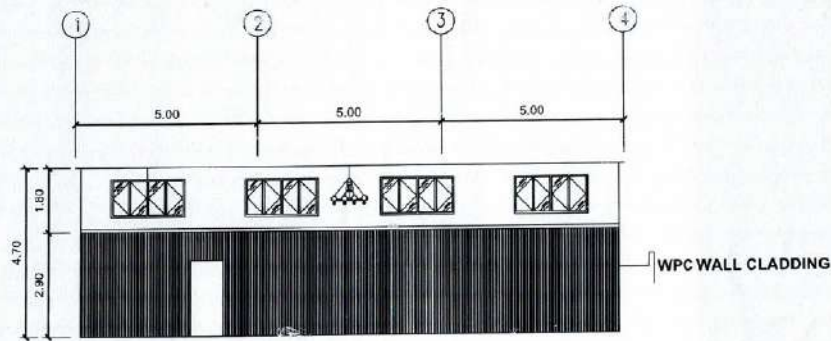
 **AREA OF CEILING TO BE REMOVE AND REPLACED**


GROUND FLOOR PLAN
 SCALE: 1:100 MTS

	PREPARED BY:	ARCHITECT:	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
	R. PASCUAL PPU	E. N. RODEROS OVPPD	V. COSTA DIRECTOR BUSINESS AFFAIRS & RESOURCE GENERATION	E. N. RODEROS OVPPD	B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. DE TORA VPPD	C. A. ROLINGA CVSU VPASS	H. O. ROBLES PRES CVSU	REPAIR AND IMPROVEMENT OF ROLLE HALL CAVITE STATE UNIVERSITY MAIN CAMPUS	CAVITE STATE UNIVERSITY

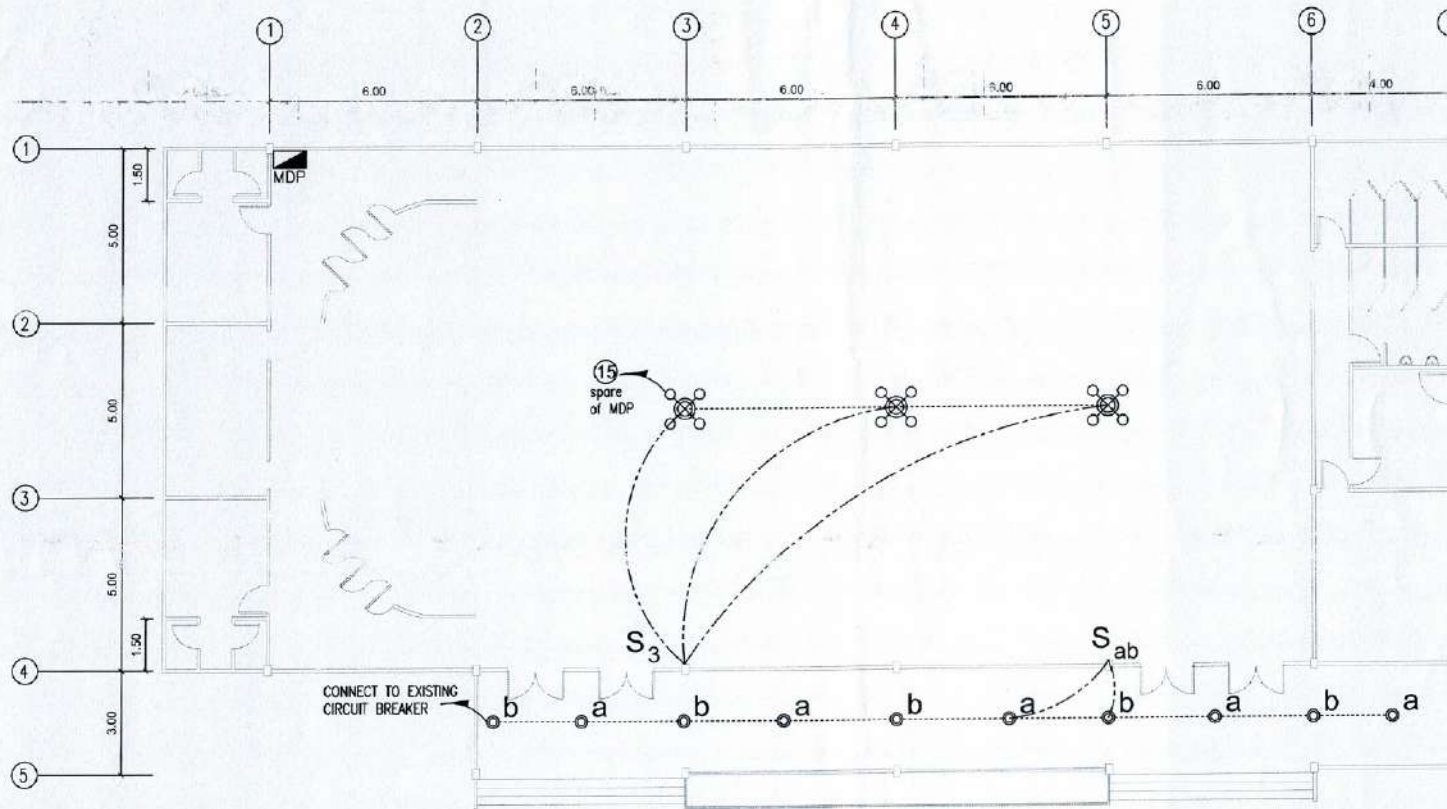


SECTION Y WITH CHANDELIER
 SCALE: 1:100 MTS



SECTION X WITH CHANDELIER
 SCALE: 1:100 MTS

	PREPARED BY:	ARCHITECT:	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
	R. PASCUAL PPU	E. N. RODEROS OVPPD	V. C. COSTA DIRECTOR BUSINESS AFFAIRS & RESOURCE GENERATION	E. N. RODEROS OVPPD	S. B. DELOS REYES DIRECTOR PLANNING OFFICE	M. J. D. TIPORA VPPD	C. A. POLINGA VPASS CVSU	H. D. ROBLES PRES CVSU	REPAIR AND IMPROVEMENT OF ROLLE HALL CAVITE STATE UNIVERSITY MAIN CAMPUS	CAVITE STATE UNIVERSITY



LIGHTING PLAN LAYOUT

SCALE: 1:100 MTS

PREPARED BY:	PROP. ELECTRICAL (NGR.)	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO.:
R.J. R. SANCHEZ PPU	R. J. V. PEÑA OVPPD	V. C. COSTA DIRECTOR BUSINESS AFFAIRS & RESOURCE GENERATION	E. N. RODEROS PPU	C. B. DELOS REYES OVPPD	M.J. D. TEPORA VPPD	C. A. POLINGA VPAS	H. D. ROBLES PRES CAVITE STATE UNIVERSITY MAIN CAMPUS	CAVITE STATE UNIVERSITY	E - 1

GENERAL NOTES AND SPECIFICATIONS :

- ALL WORK HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- ELECTRICAL WORKS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, MUNICIPAL/CITY LAWS AND ORDINANCES AND THE REGULATIONS OF THE LOCAL POWER AND TELEPHONE COMPANY. THE JOB SHALL BE EXECUTED IN THE MOST THOROUGH PROMPT AND WORKMANLIKE MANNER EMPLOYING STANDARD TOOLS-EQUIPMENT, METHODS AND GOOD ENGINEERING PRACTICE. THE JOB SHALL BE DONE IN ALL ASPECTS AS REQUIRED PER PLANS AND SPECIFICATIONS AND READY FOR OPERATION.
- THERE SHALL BE ONLY ONE SERVICE DROP IN A BUILDING WITH 230 VOLTS, 2 WIRE (LINE) PLUS 1 WIRE (GROUND), SINGLE PHASE, 60 CYCLE.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO PERSENT A GENERAL LAYOUT AND BROAD OUTLINE/DESCRIPTION OF THE PROJECT, BUT DO NOT NECESSARILY INDICATE OR DESCRIBE ACTUAL LOCATIONS, LEVELS AND DISTANCES OF THE EQUIPMENT. THE CONTRACTOR IS HEREBY REQUIRED TO MAKE SUCH ADJUSTMENTS AT THE JOBSITE THAT ARE GOVERNED BY ACTUAL FIELD CONDITION.
- SERVICE VOLTAGE TO THE BUILDING FROM THE POWER SOURCE SHALL BE 230V. SERVICE ENTRANCE WIRING SHALL BE RIGID STEEL CONDUIT (RSC).
- FEEDER WIRING SHALL BE ELECTRICAL METALLIC TUBING (EMT).
- BRANCH CIRCUIT WIRING ELECTRICAL METALLIC TUBING (EMT).
- BRANCH CIRCUIT WIRING EMBEDDED IN CONCRETE SHALL BE IN PVC PIPE WITH ADEQUATE GROUND WIRE FOR EQUIPMENT GROUNDING.
- LIGHT SWITCHES SHALL BE 15A, 230VAC.
- ALL MATERIALS SHALL BE BRAND NEW AND OF APPROVED TYPE FOR LOCATION AND PURPOSE INTENDED.
- DEVICES, FIXTURES LOCATED OUTDOOR SHALL BE WEATHERPROOF TYPE.
- MOUNTING HEIGHTS ARE:

A. LIGHT SWITCHES	1.40M ABOVE FLOOR FINISH
B. CONVENIENCE OUTLETS	0.30M ABOVE FLOOR FINISH
C. C.O. COUNTER TOP	0.30M ABOVE THE COUNTER
D. TELEPHONE OUTLETS	0.30M ABOVE FLOOR FINISH
E. PANEL BOARD	1.50M ABOVE FLOOR FINISH
F. EMERGENCY LIGHT	0.30M BELOW CEILING LINE
- ANY DESCRIPANCY BETWEEN THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION OR DECISION.
- THE ENTIRE WORK SHALL BE DONE UNDER THE DIRECT SUPERVISION OF DULY REGISTERED ELECTRICAL ENGINEER.
- REFER TO SHEET E-1 FOR EXACT NUMBER AND LOCATION OF DEVICES/EQUIPMENT FOR ELECTRICAL SYSTEM. ANY CONFLICT ON QUANTITY AND/OR LAYOUT MUST BE VERIFIED AND CONFIRMED TO DESIGNER/CONSULTANT.
- REFER TO LOAD SCHEDULE FOR THE RATING OF INDIVIDUAL ENCL, ACB'S IN NEMA-3R.
- ALL ELECTRICAL CONDUITS AND TELEPHONE SERVICE ENTRANCE THAT INSTALLED BELOW THE GROUND SHALL BE IN CONCRETE ENCASUREMENT.
- ANY DEVICES OR EQUIPMENT NOT REFLECTED OR SHOWN ON PLANS BUT REQUIRED TO COMPLETE THE SYSTEM MUST BE INCLUDED ON SCOPE OF WORK.
- REQUEST FOR TEMPORARY POWER INTERRUPTION SHOULD BE COORDINATED TO OWNER'S REPRESENTATIVE OR DESIGNER.

LEGEND AND SYMBOLS :

	CHANDELIER TYPE LIGHTING, 100W-200W		ACU CONDENSER OUT DOOR UNIT WITH NEMA 3R CIRCUIT BREAKER
	LED PIN LIGHT, 12W, 6" RECESSED TYPE, DOWNLIGHT, CEILING MOUNTED		ACU WALL/FLOOR MOUNTED, IPUT TYPE, INDOOR UNIT
	1-BW LIGHT TUBE, T5 w/ FIXTURES 2 FT. LENGTH (FL)		2.0 mm ² THHN
	2-BW LIGHT TUBE, T5 w/ FIXTURES 2 FT. LENGTH (FL)		3.5 mm ² THHN
	1-15W LIGHT TUBE, T8 w/ FIXTURES 4 FT. LENGTH (FL)		CIRCUIT HOARDER
	2-15W LIGHT TUBE, T8 w/ FIXTURES 4 FT. LENGTH (FL)		CIRCUIT NUMBER
	EMERGENCY LIGHT (EL)		PANEL BOARD
	S _{cfan} CEILING FAN SWITCH		SERVICE ENTRANCE
	S ₁ S _A ONE GANG SWITCH		KILOWATT HOUR METER
	S ₂ S _{AB} TWO GANG SWITCH		CONCRETE ENCASEMENT
	S ₃ THREE GANG SWITCH		CABLE CHAMBER
	S _{3W} THREE WAY SWITCH		DISTRIBUTION TRANSFORMER
	O _{CF} CEILING FAN OUTLET		PRIMARY CONCRETE POLE
	O _B TWO GANG CONVENIENCE OUTLET		SERVICE ENTRANCE PEDESTAL WITH DISCONNECTING SWITCH
	O _{3P} THREE PIN ACU OUTLET		TRUSS/DOWN GUY SUPPORT
	ACU WINDOW TYPE		PRIMARY LINE

PINLIGHT SPECIFICATION :

VOLTAGE RATING	LAMP POWER	LAMP SIZE	CONTROL MODE	APPLICATION	LIFESPAN	DESIGN STYLE	COLOR
230 V	12W	SMALL 5"-9"	SWITCH CONTROL	HALL WAY	≥ 150,000 HOURS	RECESSED DOWNLIGHT CEILING MOUNTED	DAY LIGHT

CHANDELIER SPECIFICATION :

VOLTAGE RATING	LAMP POWER	LAMP SIZE	CONTROL MODE	APPLICATION	LIFESPAN	DESIGN STYLE	COLOR
230 V	100W-200W	LARGE	SWITCH CONTROL w/ SUPPORT DIMMER	EVENT HALL	≥ 50,000 HOURS	DECORATIVE PENDANT LIGHT	WARM LIGHT

SCHEDULE OF LOADS :

CIRCUIT NO.	DESCRIPTION	NO. OF OUTLET	VA RATING	V	AB AMPS	CB BOLT-ON	SIZE OF WIRE THHN-CU/ THW-CU (G)	SIZE OF CONDUIT	COLOR CODE
1175	LIGHTING OUTLET	3	800	230	2.31	30AT	2-3.5 mm ²	20 mm. Ø PVC	1R,1B

	PREPARED BY: R. J. R. SANCHEZ PPU	PROF. ELECTRICAL ENGR. R. P. PEÑA OVPPD	END USER: V. COSTA BUSINESS AFFAIRS & RESOURCE DEVELOPMENT DIRECTOR	REVIEWED BY: E. N. RODEROS OVPPD	ENDORSED BY: O. B. DELOS REYES DIRECTOR - PLANNING OFFICE	REC. APPROVAL: M. J. D. TEPORA CVSU	APPROVED BY: C. A. POLINGA VPASS	APPROVED BY: H. D. ROBLES PRES CVSU	PROJECT TITLE/ LOCATION: REPAIR AND IMPROVEMENT OF ROLLE HALL CAVITE STATE UNIVERSITY MAIN CAMPUS	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	SHT NO: E - 2
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