

## LOCATION MAP SCALE NDTS.



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R.A.9266 DRAWINGS AND SPECIFICATION DULY SIGNED, STAMPED AND SEALED, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY AND DOCUMENT OF THE ARCHITECT WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT TO DUPLICATE OR MAKE COPIES OF THIS DOCUMENT OF THE WHOLE OR IN PART. PREPARED BY: PROJECT TITLE: RECOMMENDING APPROVAL: APPROVED BY: JAS STAT RENOVATION OF THE EVSU-SLS AUDIO VISUAL HALL, OLD LIBRARY FUNCTION ROOM, ENGINEERING, ROOM 301,302,303 AND 304 AS EVSU SMART CAMPUS E-LEARNING PPIDO (PHYSICAL PLANT AND AR. BERNIE G. TUDIO, UAP Planning Officer III CENTERS INFRASTRUCTURE DR. DENNIS C. DEVELOPMENT OFFICE) University Pres LOCATION: EVSU-MAIN CAMPUS, TACLOBAN CITY

OLD LIBRARY BUILDING FUNCTION ROOM

NOT DRAWN TO SCALE

**INTERIOR PERSPECTIVES** 

/	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
/:	INTERIOR PERSPECTIVES		
	LOCATION MAP	REV. No.:	$ \langle \mathbf{A} \rangle$
<b>DE PAZ</b> sident		DATE SUBMITTED:	1 10





/	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
	CROSS SECTION		
	LONGITUDINAL SECTION 01	REV. No.:	( A )
<b>DE PAZ</b> sident		DATE SUBMITTED:	3 10







PPIDO (PHYSICAL PLANT AND INFRASTRUCTURE DEVELOPMENT OFFICE) R.A.9266 DRAWINGS AND SPECIFICATION DULY SIGNED, STAMPED AND SEALED, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY AND DOCUMENT OF THE ARCHITECT WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT TO DUPLICATE OR MAKE COPIES OF THIS DOCUMENT OF THE WHOLE OR IN PART.

PROJECT TITLE:	RECOMMENDING APPROVAL:
RENOVATION OF THE EVSU-SLS AUDIO VISUAL HALL, OLD LIBRARY FUNCTION ROOM, ENGINEERING, ROOM 301,302,303 AND 304 AS EVSU SMART CAMPUS E-LEARNING CENTERS	AR BERNIE G. TUDIO, UAP Planning Officer III
LOCATION: EVSU-MAIN CAMPUS, TACLOBAN CITY	

APPROVED BY:

DR. DENNIS C.

ROVED BY:	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
DR. DENNIS C. DE PAZ University President	REFLECTED CEILING PLAN	REV. No.: DATE SUBMITTED:	A 8 10



1	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
	CEILING DETAILS		
		REV. No.:	( A )
DE PAZ sident		DATE SUBMITTED:	9 10







/	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
	ELECTRICAL POWER LAYOUT		
		REV. No.:	<b>E</b>
<b>DE PAZ</b> sident		DATE SUBMITTED:	13



/	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
	ELECTRICAL LIGHTING LAYOUT		
		REV. No.:	E
<b>DE PAZ</b> sident		DATE SUBMITTED:	23

## LOCATION: OLD LIBRARY FUNCTION ROOM SCHEDULE OF CIRCUIT LOADS **PB: GROUND FLOOR**

PANEL BOARD: PB1 Flush mounted Nema Enclosure type er		MAIN CIRCU 90 AT/ 100 A Feeder Siz	MAIN CIRCUIT BREAKER: S 90 AT/ 100 AF/ 2P/ 18 KAIC, BOLT- ON FEEDER SIZE: 2- 22 MM SQ. TW GW @ 32 MM DIA. PVC PIPE							SOURCE: SINGLE PHASE/ 230 VAC/ 60 Hz
					С	RCUIT	BREAK	ER		
MARK	DESCRIPTION	VA LOAD	VOLT	AMP	AT	AF	POLE	KAIC	WIRE (THHN)	PVC CONDUIT (S40)
1	16 X LIGHTING FIXTURE	240	230	1.04	15	50	2	10	2- 3.5 mm. sq. m.	20 mm. dia.
2	18 X LIGHTING FIXTURE	270	230	1.17	15	50	2	10	2- 3.5 mm. sq. m.	20 mm. dia.
3	4X LIGHTING FIXTURE	100	230	0.43	15	50	2	10	2- 3.5 mm. sq. m.	20 mm. dia.
5	10X 2 GANG CONVENIENCE OUTLET	3600	230	15.65	15	50	2	10	2- 3.5 mm. sq. m.	20 mm. dia.
6	7 X 2- GANG CONVENIENCE OUTLET	2520	230	10.96	15	50	2	10	2- 3.5 mm. sq. m.	20 mm. dia.
7	1 X c.o. for CEILING MOUNTED PROJECTOR	100	230	0.43	15	50	2	10	2- 3.5 mm. sq. m.	20 mm. dia.
8	AIR- CONDITIONING UNIT, 2 HP INVERTER- TYPE AIRCON	2760	230	11.94	30	50	2	10	2- 5.5 mm. sq. m. + 3.5 mm. sq.	20 mm. dia.
9	AIR- CONDITIONING UNIT, 2 HP INVERTER- TYPE AIRCON	2760	230	11.94	30	50	2	10	2- 5.5 mm. sq. m. + 3.5 mm. sq.	20 mm. dia.
10	AIR- CONDITIONING UNIT, 2 HP INVERTER- TYPE AIRCON	2760	230	11.94	30	50	2	10	2- 5.5 mm. sq. m. + 3.5 mm. sq.	20 mm. dia.
11	AIR- CONDITIONING UNIT, 2 HP INVERTER- TYPE AIRCON	2760	230	11.94	30	50	2	10	2- 5.5 mm. sq. m. + 3.5 mm. sq.	20 mm. dia.
12	SPARE									
13	SPARE									
14	SPARE									
	TOTAL	17, 814	230	77.44						

## **GENERAL NOTES:**

1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THEAPPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC). THERULES AND REGULATION OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCALPOWER COMPANY. THE ELECTRICAL WORKS SHALL BE DONE UNDER THE IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.

2. WIRING METHOD SHALL BE AS FOLLOWS :A. FEEDERS AND RISERS - INTERMEDIATE METALLIC CONDUITB. LIGHTING. POWER RECEPTACLE -POLYVINYL CHLORIDE CONDUIT SCH. 40 BRANCH CKT. & AUXILIARY

3. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THW" UNLESS OTHERWISEINDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUNSHALL BE 3.5MM<sup>2</sup> AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15MMØTRADE/NOMINAL SIZE.

4. ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPES WITH FACTORY KNOCKOUTS.

5. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATIONAND PURPOSE OF USAGE.

6. GROUNDING SYSTEM SHALL BE PROVIDED TO ALL LIGHTING AND POWER CIRCUIT AS PER PHILIPPINEELECTRICAL CODE REQUIREMENT.

7. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS :

A. LIGHT SWITCH - 1.20 M ABOVE FINISH FLOOR B. CONVENIENCE OUTLET - 0.30 M ABOVE FINISH FLOOR C. PANEL BOARD - 1.50 M ABOVE FINISH FLOOR D. FIRE ALARM STATION OUTLET - 1.50 M. ABOVE FINISH FLOOR E. PUSH BUTTON OUTLET - 1.20 M ABOVE FINISH FLOO RF. FIRE ALARM & VIBRATING BELL - 0.30 M BELOW CEILING LINE

INS STAN	PREPARED BY:	ENGINEER:	R.A.9266	PROJECT TITLE:	RECOMMENDING APPROVAL:	APPROVED BY:
A LONG THE REAL PROPERTY OF TH	PPIDO (PHYSICAL PLANT AND INFRASTRUCTURE DEVELOPMENT OFFICE)	VINYL H QUIÑO, REE, PhD PRC NO. DT. ISS.	DRAWINGS AND SPECIFICATION DULY SIGNED, STAMPED AND SEALED, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY AND DOCUMENT OF THE ARCHITECT WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT TO DUPLICATE OR MAKE COPIES OF THIS	RENOVATION OF THE EVSU-SLS AUDIO VISUAL HALL, OLD LIBRARY FUNCTION ROOM, ENGINEERING, ROOM 301,302,303 AND 304 AS EVSU SMART CAMPUS E-LEARNING CENTERS	AR BERNIE G. TUDIO, UAP Planning Officer III	DR. DENNIS C University Pr
1301		PTR. NO. PL. ISS.	DOCUMENT OF THE WHOLE OR IN PART.	LOCATION: EVSU-MAIN CAMPUS, TACLOBAN CITY		

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OLD LIBRARY BUILDING FUNCTION ROOM

AS STA PROPERTY AND DOCUMENT OF THE ARCHITECT WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR LIBRARY FUNCTION ROOM, ENGINEERING, ROOM 301,302,303 AND 304 AS EVSU SMART CAMPUS E-LEARNING PPIDO (PHYSICAL PLANT AND ANDREW S. ENDEREZ, RME CENTERS INFRASTRUCTURE NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT TO DUPLICATE OR MAKE COPIES OF THIS DOCUMENT OF THE WHOLE OR IN PART. DEVELOPMENT OFFICE) PRC NO. 05008 DT. ISS. 1907 PTR. NO. PL. ISS. LOCATION: EVSU-MAIN CAMPUS, TACLOBAN CITY

PREPARED BY:

DR. DENNIS C. University Pre

	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
/	AIR- CONDITIONIG LAYOUT		
		REV. No.:	( M )
<b>DE PAZ</b> sident		DATE SUBMITTED:	11





LEGEND:

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FP

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FHC

NAS STAT

1907

CROSS MAIN

FLOW SWITCH

FIRE PUMF

	ANDREW S. E	NDEREZ, RME	SIGNED, STAMPED AND SEALED, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY AND DOCUMENT OF THE ARCHITECT WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY	RENOVATIC LIBRAF 301,302,303
)	PRC NO.	DT. ISS.	PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT TO DUBLICATE OF MAKE COPIES OF THIS	
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MENTS - FIRE PROTECTION	
AND SUCTION FRAME MOUNTED PUMP SUITABLE FOR 250 GPM SI, 25 HP, 230V, 3 PH, 3,550 RPM. COMPLETE W/ ELECTRIC NTROLLER 20 HP, 230V, 3 PH, 60 HZ, Y-DELTA START, WITH ESSURE DISPLAY, PANEL METER, PRESSURE TRANSDUCER, CUT-IN 80 PSI, MANUAL OFF.	1 uni
N-LINE MULTI-STAGE PUMP, AVG 5-10 SUITABLE FOR 20 GPM SI, 4 HP, 230V, 3 PH, 60 HZ, 3,450 RPM. COMPLETE WITH MOTOR CONTROLLER 5 HP, 230V, 3 PH, 60 HZ, FULL-VOLTAGE ITAL PRESSURE DISPLAY, PANEL METER, PRESSURE TRANSDUCER, F PRESSURE 100 PSI, CUT-OFF PRESSURE 120 PSI.	1 uni
W/ HOSE RACK UNIT W/ 1 1\2" Ø BY 30 M LONG LINE HOSE; JZZLE SHALL HAVE ADJUSTABLE FOG, STRAIGHT STREAM AND FEATURE, NOZZLE MATERIAL SHALL BE SOLID BRASS W/ SATIN RUBBER BUMPER; 15 Ibs. ABC DRY CHEMICAL TYPE FIRE ER.	6 uni
WN VALVE - FEMALE (2.5"0 by 2.5"0 by 2.0"0)	1 pc
CH. 40	
CH. 40 ø, SCH. 40. SCH. 40 <sup>B.I.</sup> 2-1/2"ø, SCH. 40	
΄Ø, SCH. 40	
YPE SPRINKLER W/ ESCUTCHEON PLATE	165 p



5. FIRE / JOCKEY PUMPS ELECTRICAL CONNECTIONS SHALL BE COORDINATED

PIPE SLEEVES SHALL BE PROVIDED FOR ALL PIPES PASSING THRU SLABS,

ALL PIPE SIZES ARE IN MILLIMETER (MM), DIAMETER, UNLESS OTHERWISE

WORKMANSHIP : THE WORK THROUGHOUT SHAL BE EXECUTED IN THE GOVERNMENT / LOCAL CONSTRUCTION AND OPERATION PERMITS AND PAY

SHALL BE BLACK IRON (B.I.) PIPES SCHEDULE 80 "STANDARD" CONFIRMING TO ASTM A-120-1980 "SUPREME/SUPERIOR". "RNW PIPES" BRAND. FIRE LINES WHEN BURIED UNDERGROUND SHALL BE PROVIDED WITH CORROSION PROTECTION COATED WITH COALTAR AND WRAPPED WITH BURLAP OR COAED WITH PETROLEUM BASED PASTE AND WRAPPED WITH PETROLATUM TAPE "DENSO" BRAND OR APPROVED EQUAL.

GATE VALVE SHALL BE OUTSIDE SCREW AND YOKE (OS & Y) TO ASTM B-62 CHECK AND GLOBE VALVES TO ASTM B-62.

ALL SPRINKLER HEAD, PENDENT (CONCEALED, UPRIGHT & SIDE WALL) SHALL BE RATED 57'C (135'F) TO 74'C (165'F) EXCEPT ON PUMP & MECHANICAL ROOM SHALL BE 79'C

1	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
	RISER TO CROSS MAIN DETAILS		
	PENDENT SPRINKLER HEAD DETAILS	REV. No.:	<b>FP</b>
<b>DE PAZ</b> sident	GENERAL NOTES MATERIAL SPECIFICATIONS	DATE SUBMITTED:	34





LOCATION: EVSU-MAIN CAMPUS, TACLOBAN CITY

DEVELOPMENT OFFICE)

1907

PRC NO.

PTR. NO.

DT. ISS.

PL. ISS.

EM FOR	LEGEND Mark Description		
TO THE SIGNAL			
	SD SD	SMOKE DETECTOR (7 UNITS)	
DISCONNECTED	MCP	MANUAL CALL POINT	
OMMENDED	FIM	FAULT ISOLATOR MODULE	
CTRICAL CODE	FACP	FIRE ALARM CONTROL PANEL	

OVED BY:	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
	FIRE ALARM AND SMOKE DETECTOR LAYOUT		
Call		REV. No.:	
<b>R. DENNIS C. DE PAZ</b> University President		DATE SUBMITTED:	13

AR BERNE G. TUDIO, UAP

Planning Officer III

DR. DENNIS C.





LEGEND			
MARK	DESCRIPTION		
3	WIFI ACCESS POINT (2 L		

INS STAN	PREPARED BY:	ENGINEER:		R.A.9266	PROJECT TITLE:	RECOMMENDING APPROVAL:	APPROVED BY:
SALE THE REPORT OF THE REPORT	PPIDO (PHYSICAL PLANT AND INFRASTRUCTURE DEVELOPMENT OFFICE)	JUDE ALEXES PRC NO. PTR. NO.	M. RAMAS, <b>RECE</b> DT. ISS. PL. ISS.	DRAWINGS AND SPECIFICATION DULY SIGNED, STAMPED AND SEALED, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY AND DOCUMENT OF THE ARCHITECT WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT TO DUPLICATE OR MAKE COPIES OF THIS DOCUMENT OF THE WHOLE OR IN PART.	RENOVATION OF THE EVSU-SLS AUDIO VISUAL HALL, OLD LIBRARY FUNCTION ROOM, ENGINEERING, ROOM 301,302,303 AND 304 AS EVSU SMART CAMPUS E-LEARNING CENTERS	AR SERNIE G. TUDIO, UAP Planning Officer III	DR. DENNIS C. D University Presi

INTERNET/ WI-FI ACCESS POINT LAYOUT ECE REV. No.: \_\_\_\_\_ DE PAZ 23 DATE SUBMITTED: sident



/	SHEET CONTENT:	PROJECT ID NO.	SHEET NO.
	SOUND SYSTEM LAYOUT		
		REV. No.:	ECE
<b>DE PAZ</b> sident		DATE SUBMITTED:	33