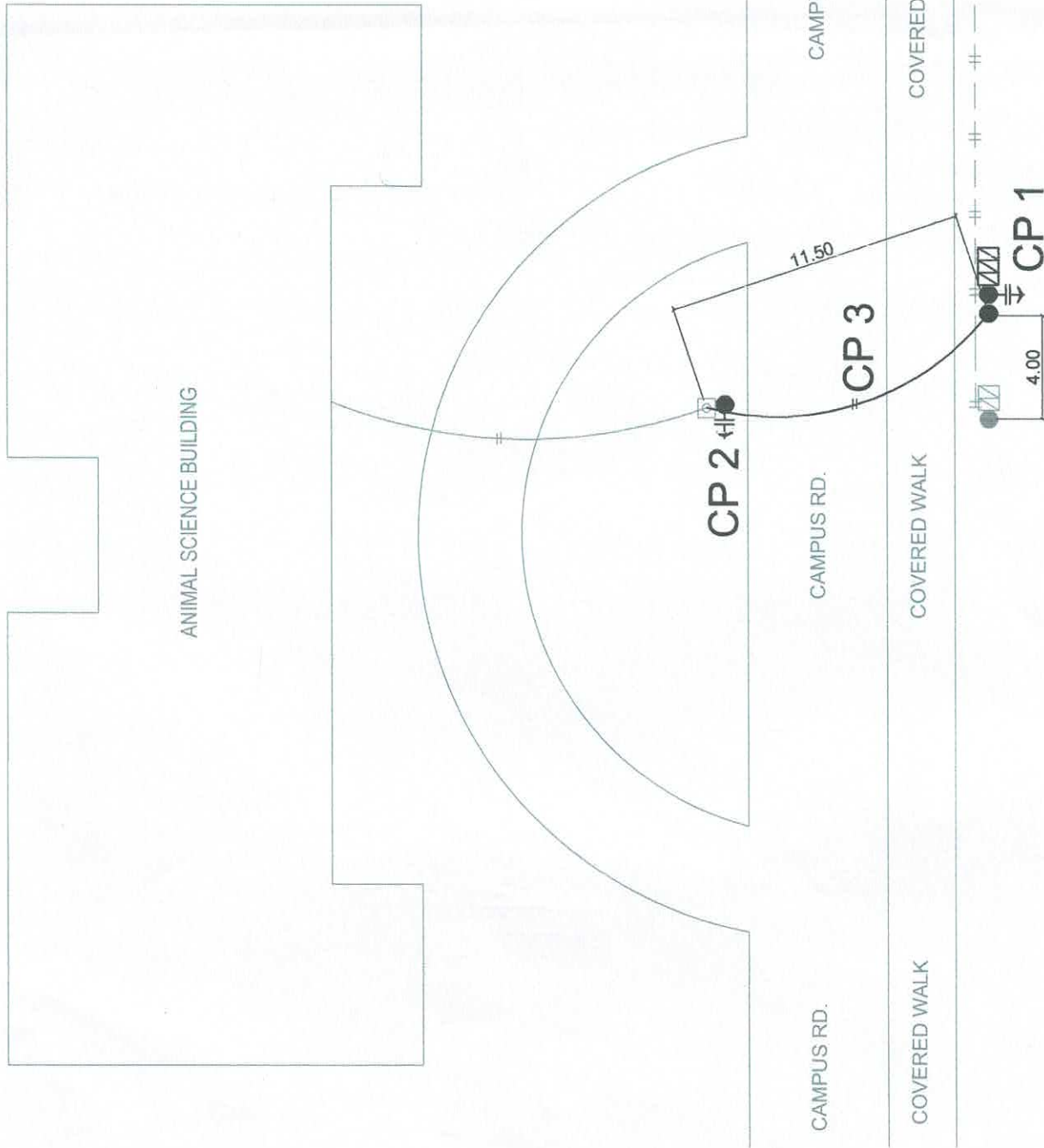


GENERAL NOTES :

1. ALL ELECTRICAL WORKS TO BE UNDERTAKEN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE PART 1 AND 2 AND THE RULES AND REGULATIONS OF LOCAL ENFORCING UTILITY POWER AND TELEPHONE COMPANY.
2. ALL MATERIALS AND EQUIPMENT TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR BOTH LOCATION AND PURPOSES.
3. THE ELECTRICAL WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN AUTHORIZED FOR EACH GRADE.
4. PROPER GROUNDING OR ELECTRICAL EQUIPMENT SHALL BE IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE.
5. FIELD VERIFICATION SHALL BE DONE BY THE CONTRACTOR ANY DISCREPANCIES OR CHANGES SHALL BE PROMPTLY NOTIFIED TO THE OWNER'S REPRESENTATIVE OR DESIGNER.
6. ALL ELECTRICAL CONDUITS AND TELEPHONE SERVICE ENTRANCE THAT INSTALLED BELOW THE GROUND SHALL BE IN CONCRETE ENCASEMENT.
7. 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.
8. ANY DEVICES OR EQUIPMENT NOT REFLECTED OR SHOWN ON PLANS BUT REQUIRED TO COMPLETE THE SYSTEM MUST BE INCLUDED ON SCOPE OF WORK.



CONSTRUCTION POINTS :

- CP 1.
SUPPLY AND INSTALL -
a. Amorphous distribution transformers 50 kVA, 13.8 kV/230V, 60 Hz, pole mounted (3 units) complete with transformer accessories (fuse cut-out, lightning arresters, fuse links, risers, connectors, etc.).
- b. 2 sets of 13.5m concrete pole, class 3A, complete with pole dressing, insulators, pole grounding, pole steel band and accessories.
- c. Truss guy support.
- CP 2.
SUPPLY AND INSTALL -
a. 1-9.5m concrete pole, class 3A, complete with pole dressing, insulators, pole grounding.
- b. Truss guy support.
- CP 3.
SUPPLY AND INSTALL -
1 set of 3-250 sq. mm. THHN and 1-60 sq. mm. THHN as ground wire (99.9% copper, fire retardant) from distribution transformers to feeder line of Animal Science building. Include its messenger wire and accessories.

NOTE: Include tapping to source, testing and commissioning. Provide the necessary connectors and equipment for the wiring installation.

LEGEND AND SYMBOLS :	
	CONCRETE POLE
	SERVICE ENTRANCE PEDESTAL
	230 V SECONDARY LINE
	34.5 kV PRIMARY LINE
	DISTRIBUTION TRANSFORMER
	CONSTRUCTION POINT
	TRUSS/DOWN GUY
	SECONDARY STEEL POST

1
E 1
SCALE
1 : 250 MTS

	PREPARED BY:	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/ LOCATION:	IMPLEMENTING AGENCY:	SHT NO:
	R. J. R. SANCHEZ PDI	L. P. NOVICIO DEAN	S. B. BAYOT JR. HEAD	Q. B. DELOS REYES DIRECTOR	A. G. MAGCAMPAS VPPD	H. D. ROBLES PRES	IMPROVEMENT OF ELECTRICAL POWER SYSTEM OF ANIMAL SCIENCE BUILDING CAVITE STATE UNIVERSITY MAIN CAMPUS	CAVITE STATE UNIVERSITY	E - 1