

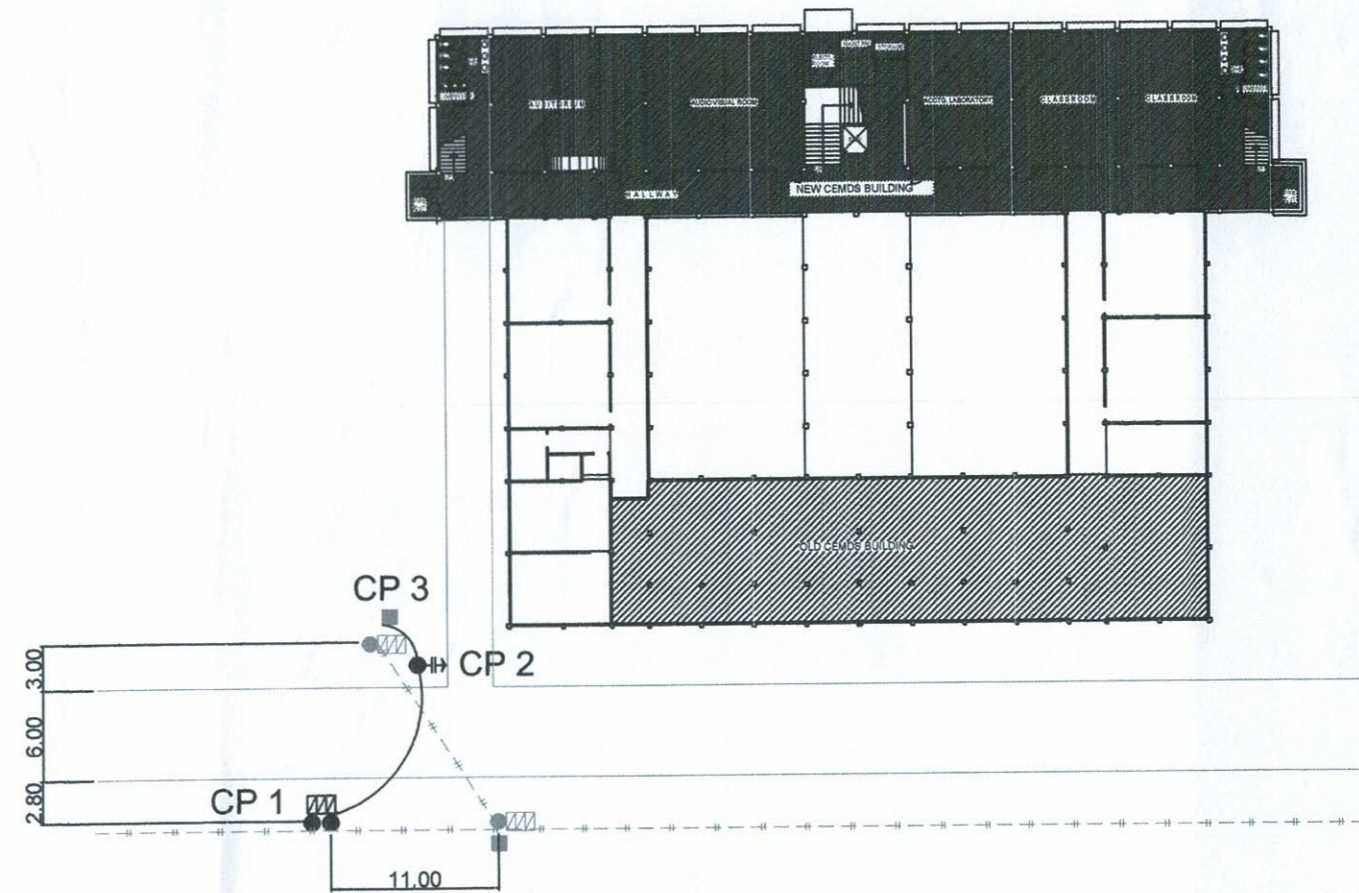
GENERAL NOTES :

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.

LEGEND AND SYMBOLS :	
●	CONCRETE POLE
■	SERVICE ENTRANCE PEDESTAL
—	230 V SECONDARY LINE
- - - - -	13.8 kV PRIMARY LINE
□	DISTRIBUTION TRANSFORMER
CP. 1	CONSTRUCTION POINT
⊕	TRUSS/DOWN GUY

CONSTRUCTION POINTS

- CP. 1
SUPPLY AND INSTALL -
2-13.5m primary concrete pole, class 3A, complete with pole dressing, pole grounding and accessories. 3-167 kVA, 13.8kV/230V Distribution Transformers, accessories and support brackets. Include tapping to existing primary lines, energization, testing and commissioning.
- CP. 2
SUPPLY AND INSTALL -
1-9.5 m secondary concrete pole, class 3A, complete with pole dressing, pole grounding, truss guy support and accessories.
- CP. 3
SUPPLY AND INSTALL -
3 - 2 - 250 sq. mm. THHN and 3-50 sq. meter THHN as ground wire (99.9% copper, fire retardant) from distribution transformers to existing concrete pedestal of CEMDS building. Include messenger wire and secondary line accessories.
- Cut the existing secondary wire of CEMDS building to its electrical source and re-connect to newly installed secondary line.



1 ELECTRICAL FEEDER LINE LAYOUT
E | 1 SCALE 1 : 500 MTS

PREPARED BY:	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE/LOCATION:	IMPLEMENTING AGENCY:	SHT NO:
R. J. R. SANCHEZ PDU	M. S. M. LISING DEAN CEMDS	R. P. PEÑA PROF. ELEC. ENGINEER	S. B. BAYOT JR. HEAD PDU	O. B. DELOS REYES DIRECTOR PLANNING AND DEVT. OFFICE	M. J. D. TEPORA VPPD CVSU	H. D. ROBLES PRES CVSU	IMPROVEMENT OF ELECTRICAL POWER SYSTEM OF CEMDS NEW AND OLD BUILDING CAVITE STATE UNIVERSITY MAIN CAMPUS	CAVITE STATE UNIVERSITY E - 1