

NOTE : DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER CALLED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. THE DESIGNER MUST BE NOTIFIED IMMEDIATELY OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

NOTE : DISCREPANCY ON ALL DRAWINGS & SPECIFICATIONS (MECHANICAL, ELECTRICAL, SANITARY, ETC.) SHALL BE SUBJECT FOR VERIFICATION AND DO NOT SCALE

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, TO THE RULES AND REGULATIONS OF LOCAL AND NATIONAL AUTHORITIES CONCERNED AND THE REQUIREMENT OF LOCAL UTILITY COMPANIES
2. WIRING METHOD SHALL BE AS FOLLOWS:
 - a. MAIN SERVICE ENTRANCE ----- RIGID STEEL CONDUIT (PVC)
 - b. RACEWAYS FOR POWER ----- POLYVNYL CHLORIDE (PVC)
 - c. RACEWAYS FOR LIGHTING ----- POLYVNYL CHLORIDE (PVC)
 - d. RACEWAYS FOR AUXILIARY SYSTEM ----- POLYVNYL CHLORIDE (PVC)
3. MINIMUM SIZE OF WIRE AND CONDUIT SHALL BE 3.5 mm² THHN AND 15MM (½") NOMINAL DIA. RESPECTIVELY. UNLESS OTHERWISE SPECIFIED ON PLANS.
4. NO BRANCH CIRCUIT WIRING IN LIGHTING AND POWER SHALL HAVE A LOAD MORE THAN 8-% OF ITS RATINGS
5. LIGHT CONTROL SWITCHES SHALL BE RATED 16 AMPERES 230 Vac.
6. UNLESS OTHERWISE SPECIFIED PULLBOXES OR JUNCTION BOXES SHALL BE PROVIDED WHENEVER REQUIRED AND NECESSARY, ALTHOUGH SUCH BOXES ARE NOT INDICATED ON PLANS.
7. FOR EACH SPARE CIRCUIT PANELBOARD, PROVIDE AN EMPTY CONDUIT 20 MM (¾") DIA. TERMINATING TO A COVERED SQUARED BOX.
8. ALL MATERIALS AND EQUIPMENT TO BE USED SHALL BE BRAND NEW AND OF APPROVED TYPE FOR BOTH LOCATION AND PURPOSES
9. ALL METAL FRAMES SHALL BE PROPERLY AND ADEQUATELY GROUNDED. GROUND WIRE SHALL BE PROVIDED ON ALL EQUIPMENT FEEDER.
10. MOUNTING HEIGHTS SHALL BE AS FOLLOWS:
 - a. LIGHT SWITCHES ----- 1.40m ABOVE FLOOR FINISH (A.F.F)
 - b. RECEPTACLES ----- 0.30m A.F.F.
 - c. TELEPHONE OUTLETS ----- 0.30m A.F.F.
 - d. PANELBOARDS ----- 1.80m A.F.F.ALL MOUNT HEIGHTS ARE SUBJECT FOR ARCHITECTURAL APPROVAL PRIOR TO INSTALLATION INCLUDING THE LOCATIONS OF ALL ELECTRICAL FIXTURES.)
11. THERE SHALL BE ONLY ONE POWER SUPPLY TO THE PROPOSED POWER ROOM UNIT SERVICE LINE SHALL BE 460 Volts, THREE - PHASE, 60 HZ.
12. ALL 30 - AMPERES CIRCUIT HOMERUN TO PANELBOARDS MORE THAN 30 METERS IN LENGTH SHALL BE 5.5mm² THHN (#10 AWG), UNLESS OTHERWISE SPECIFIED ON PLANS.
13. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE PROPER IDENTIFICATION AND LABELING OF ALL CIRCUIT BREAKER, EACH PANEL WILL BE PROVIDED WITH A TYPE WRITTEN CIRCUIT DIRECTORY.
14. THE DRAWING AND SPECIFICATIONS ARE INTENDED TO PRESENT A GENERAL LAYOUT AND BROAD OUTLINE AND DESCRIPTION OF THE PROJECT AND NOT NECESSARY INDICATED, DESCRIBED ACTUAL LOCATION LEVELS AND DISTANCES OF EQUIPMENT, THE CONTRACTOR IS HEREBY REQUIRED TO MAKE ADJUSTMENT AT THE JOBSITE AS LOCATIONS, LEVELS AND DISTANCES ARE GOVERNED BY ACTUAL FIELD CONDITIONS.
15. NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PRIOR KNOWLEDGE AND APPROVAL OF THE DESIGNED AND THE OWNER, ANY SUCH REVISION DONE WITHOUT THE APPROVAL SHALL CAUSE RESPONSIBILITY OF THE DESIGNER TO CEASED AS A WHOLE.
16. ALL WEATHER - EXPOSED INSTALLATION USE WEATHERPROOF TYPE MATERIALS, ESPECIALLY WEATHERPROOF CONVENIENCE OUTLET, CAST-BOXES, AND JUNCTION BOXES.
17. PROVIDE SUFFICIENT FLEXIBLE METALLIC CONDUIT FROM JUNCTION BOX TO LIGHTING BOX TO LIGHTING AND AUXILIARY FEATURES. MICA TUBING CAN BE USED EXCEPT LIMIT IT TO 150mm LENGTH ONLY.

18. PROVIDE APPROVED TYPE HANGERS AND SUPPORTS WITH ANTI-CORROSION PAINT FOR CONDUITS.
19. ALL WIRES SHALL BE CODED: L1 - BLACK, L2 - RED, L3 - YELLOW, GROUNDED - GREEN, CONTROL WIRE - BLUE OR AS REQUIRED BY THE BUILDING ADMINISTRATION.
20. PROVIDE WIRE NUT AT ALL SPLICING EXCEPT USE SOLDERLESS CONNECTOR FOR 8.0 sq.mm WIRE SIZE OR LARGER.
21. CONDUCT INSULATION RESISTANCE TEST PRIOR FOR TERMINATION OF DEVICES AS WELL AS OTHER NECESSARY ELECTRICAL TESTING STANDARDS.
22. CONTRACTOR SHALL SUBMIT TWO (2) SETS OF AS-BUILT PLANS TO THE OWNER AND IT MUST BE SIGNED AND SEALED BY THEIR RESPECTIVE DULY LICENSED ELECTRICAL ENGINEER REQUIRED BY THE ELECTRICAL ENGINEERING LAW.
23. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.

2 LEGEND

EP-06 SCALE: NTS

	36W TUBULAR FLUORESCENT LAMP (FL)
	23W COMPACT FLUORESCENT OUTDOOR LAMP (OL)
	SWITCH ONE GANG, TOSHIBA OR PANASONIC BRAND
	SWITCH TWO GANG, TOSHIBA OR PANASONIC BRAND
	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE TOSHIBA OR PANASONIC BRAND
	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE WEATHER PROOF, TOSHIBA OR PANASONIC BRAND
	KWHR SERVICE METER
	AIR-COOLED CONDENSING UNIT
	FAN COIL UNIT
	LIGHTING CIRCUIT RUN
	C.O CIRCUIT RUN
	AUXILIARY CIRCUIT RUN
	CIRCUIT HOMERUN TO PANEL
	CIRCUIT BREAKER, BOLT - ON TYPE
	CIRCUIT BREAKER, BOLT - ON TYPE NEMA 3R ENCLOSURE

GENERAL NOTES

SCALE: NTS



VICINITY MAP

SCALE: NTS

PROJECT TITLE:		
INSTALLATION OF AUTOMATIC GUIDE-WAY TRANSIT (AGT) IN BPSU MAIN CAMPUS		
LOCATION:		
BATAAN PENINSULA STATE UNIVERSITY (MAIN CAMPUS), BALANGA CITY, BATAAN		
STRUCTURAL ENGINEER		
REG. NO. :		
PTR. NO. :		
PLACE :		
TIN NO. :		
MASTER PLUMBER/SANITARY ENGINEER		
REG. NO. :		
PTR. NO. :		
PLACE :		
TIN NO. :		
PROFESSIONAL ELECTRICAL ENGINEER		
REG. NO. :		
PTR. NO. :		
PLACE :		
TIN NO. :		
PROFESSIONAL MECHANICAL ENGINEER		
REG. NO. :		
PTR. NO. :		
PLACE :		
TIN NO. :		
REVISION		
NO.	DESCRIPTION	DATE
1		
2		
PREPARED BY:		
AR. ROXETTE S. UMEREZ		
ARCHITECT 1, BPSU TNG		
REG. NO. :		
PTR. NO. :		
PLACE :		
TIN NO. :		
REVIEWED BY:		
JASON ANTHONY BANZON		
CAMPUS DIRECTOR		
NOTED BY:		
ENGR. ALFREDO D. VALENTOS		
DIRECTOR OF PPES		
RECOMMENDED BY:		
DR. EDMUNDO C. TUNGOL		
VICE PRESIDENT ADMIN. & FINANCE		
APPROVED BY:		
DR. GREGORIO J. RODIS		
UNIVERSITY PRESIDENT		
REPUBLIC ACT 9266.		
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SHEET CONTENT:		SHEET NUMBER:
		E6



BATAAN PENINSULA STATE UNIVERSITY
TECHNICAL WORKING GROUP FOR INFRASTRUCTURE

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