ELECTRICAL

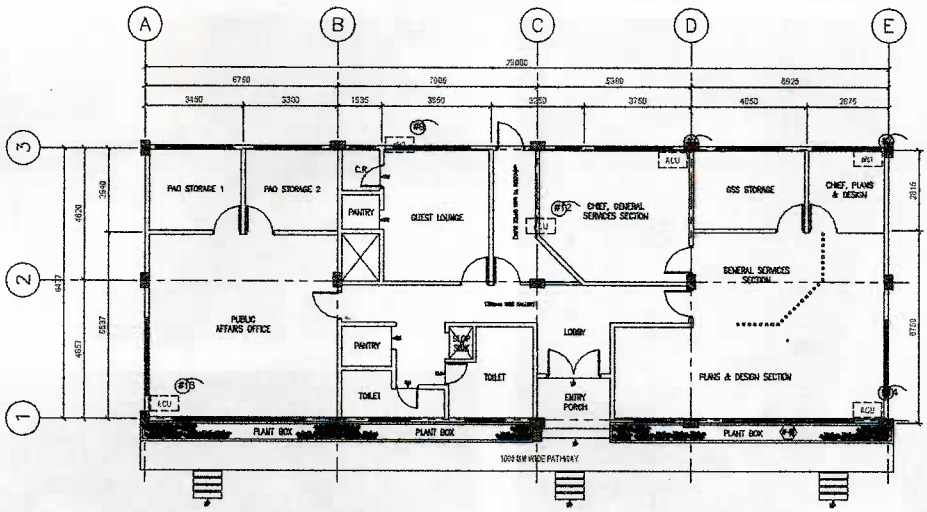
CODE WITH THE RULES AND REGULATION OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED.

CERNED IN THE ENFORCEMENT OF THE ELECTRICAL LAWS AND ORDINANCES ND WITH THE RULES AND REGULATION OF THE UTILITY COMPANY CONCERNED.

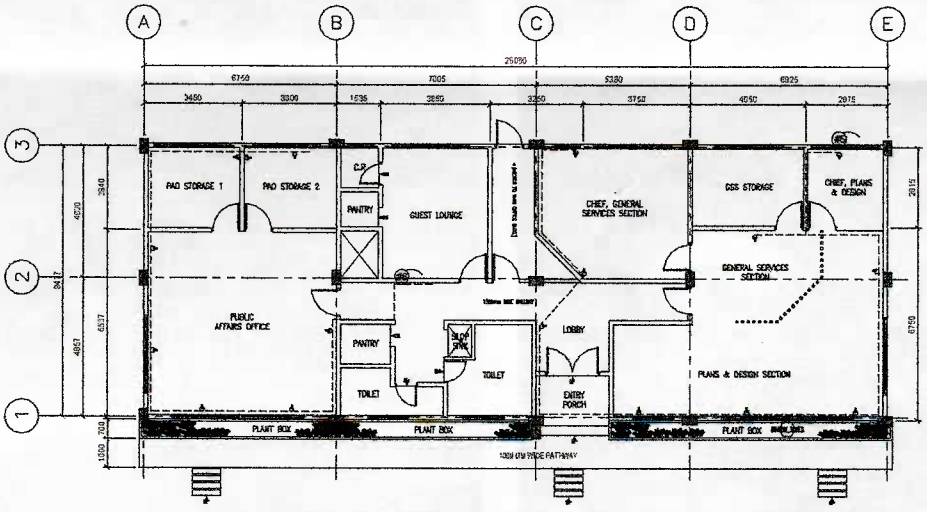
1. SERVICE TO THE BUILDING AND DISTRIBUTION SHALL BE 230 V, SINGLE PHASE, 2W+E, 60Hz.
2. SERVICE ENTRANCE CONDUCTOR SHALL BE IN RIGID STEEL CONDUIT
3. BRANCH CONDUIT WIRING SHALL BE IN PVC (POLYVINYL CHLORIDE), AND SMALLEST SIZE SHALL BE ½" TRADE SIZE.
4. SMALLEST SIZE OF WIRE SHALL BE 3.5mm² FOR LIGHTING AND FOR CONVENIENCE OUTLET, AND SHALL BE INSTALLED AT 600V.
5. LIGHT SWITCHES SHALL BE RATED AT 15A, 2HOV
6. OUTLET BOXES SHALL BE GAUGE #16 STEEL PRESSED
   - A. CEILING LIGHTING — 2" DEEP JUNCTION BOX O.T. FOR 1 TO 4 CONDUIT ENTRIES
   - B. WALL SWITCHES — 2" DEEP UTILITY BOX O.T. FOR A-GANG TO 3-GANG SWITCH ON ONE STRAP
   - C. CONVENIENCE OUTLET — 2" DEEP UTILITY BOX FOR 1 OR 2 CONDUIT ENTRIES
7. MOUNTING HEIGHT SHALL BE AS FOLLOWS :
   - A. SWITCHES — 1.4 METERS ABOVE FLOOR
   - B. CONVENIENCE OUTLET — 0.30 METERS ABOVE FLOOR OR AS INDICATED
   - C. PANELBOARDS — 1.60 METERS ABOVE FLOOR
8. ALL ELECTRICAL MATERIALS, DEVICES, EQUIPMENT AND ACCESSORIES TO BE INSTALLED SHALL BE NEW AND APPROVED TYPE FOR THE LOCATION AND PURPOSES.
9. DATA PRESENTED ON THE PLAN ARE ACCURATE AS PRELIMINARY SURVEY THAT PLANNING CAN BE DETERMINED BUT ALL DIMENSION IS DIRECTED ON ACCURACY AND CANNOT BE GUARANTEED. FIELD VERIFICATION OF ALL DIMENSION IS DIRECTED ON ACTUAL EXECUTION OF WORK. THIS IS FOR GUIDANCE, BUT LEVELS SHALL BE GOVERNED BY FIELD CONDITIONS.

LEGEND

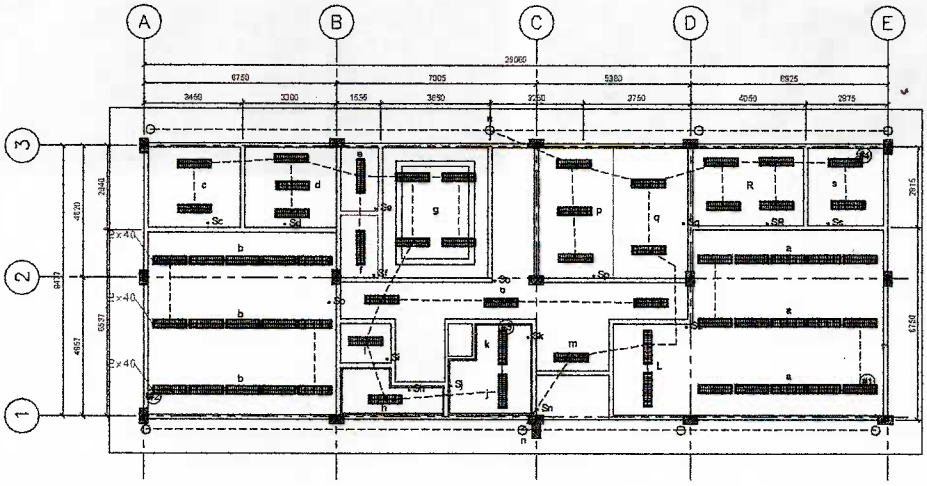
S_{3DE}	THREE POLE, SINGLE THROW SWITCH IN THREE GANG-PLATE COVER, 15AMPS, 220 V
S_{3ab}	TWO-WAY SWITCH 15AMPS, 220V IN ONE GANG PLATE COVER
S_{3W}	THREE-WAY SWITCH 15AMPS, 220V IN ONE GANG-PLATE COVER
①	CIRCUIT HOMERUN NO. INDICATE CIRCUIT NUMBER
	SERVICE ENTRANCE
	LIGHTING PANEL
	DUPLEX CONVENIENCE OUTLET 250V, 10AMPS, GROUNDING TYPE
	2 x 40 / 12" x 48 RECESSED DIFFUSER LUMINAIRE



1 E-02 GROUND FLOOR ACU LAYOUT
SCALE 1:100m



2 E-02 GROUND FLOOR POWER LAYOUT
SCALE 1:100m



3 E-02 GROUND FLOOR LIGHTING LAYOUT
SCALE 1:100m

PROPOSED REPAIR OF GSS AND PAO OFFICE

PHILIPPINE PUBLIC SAFETY COLLEGE

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