

**PHILIPPINE
PORTS
AUTHORITY**



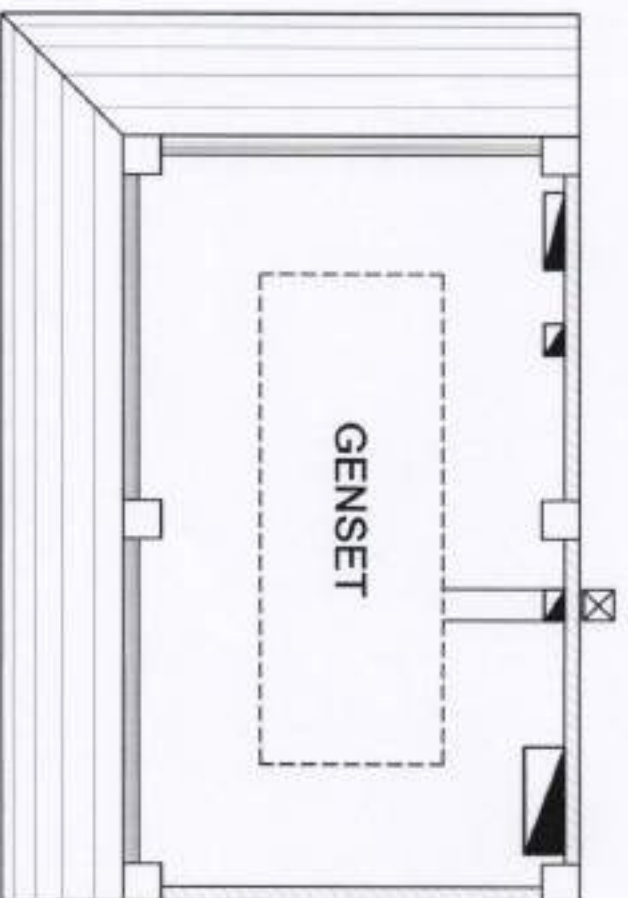
PORT MANAGEMENT OFFICE - MARINDUQUE/QUEZON

CONSTRUCTION DRAWINGS

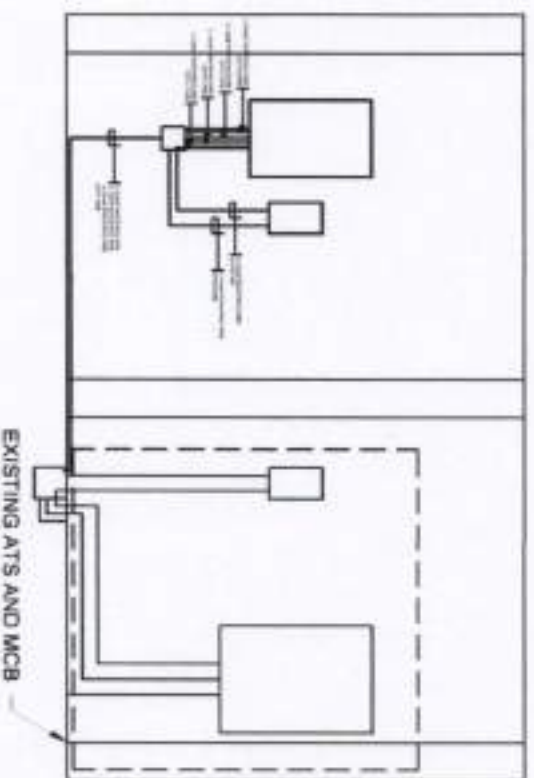
MAINTENANCE OF ELECTRICAL SYSTEM

PORT OF STA. CRUZ

MARINDUQUE

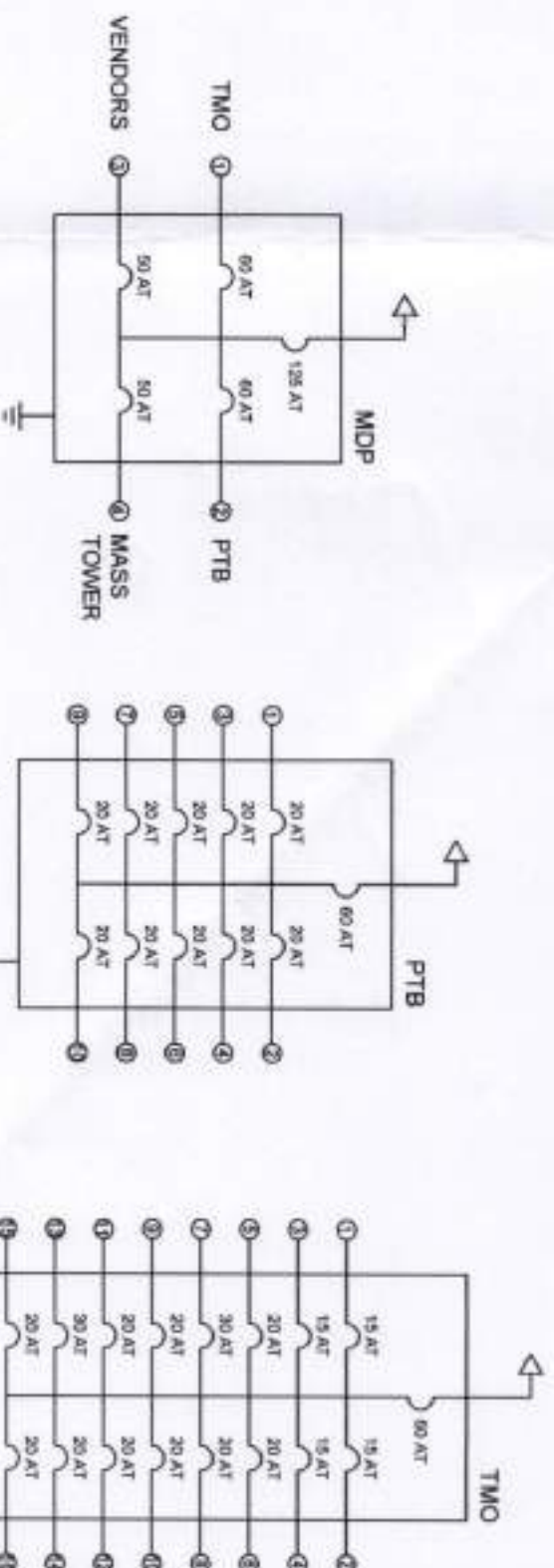


POWER LAYOUT
SCALE 1:75



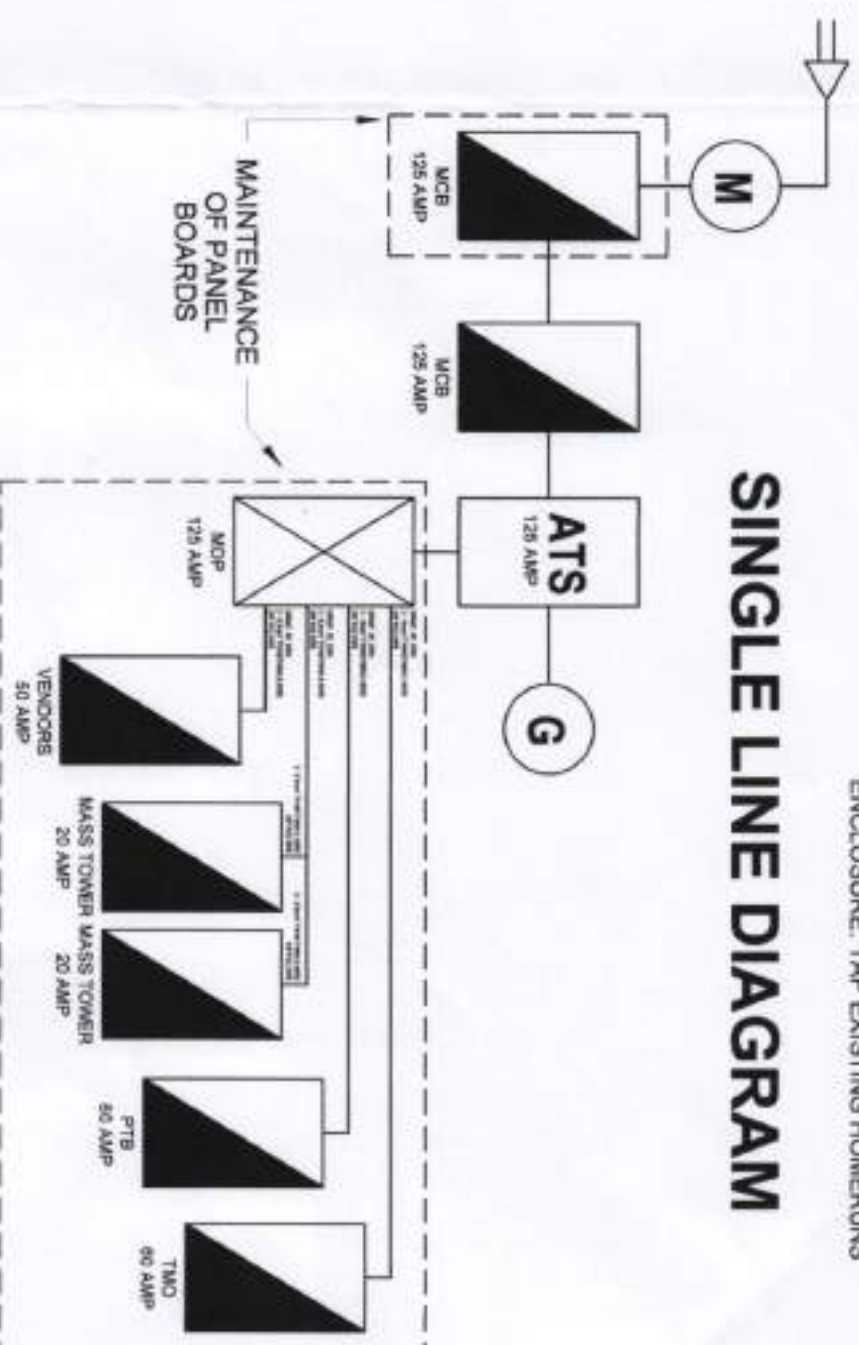
MAIN DISTRIBUTION PANEL LAYOUT
SCALE 1:75

PANEL BOARD DIAGRAM



REPLACEMENT OF PANEL BOARD
ENCLOSURE, TAP EXISTING HOMERUNS

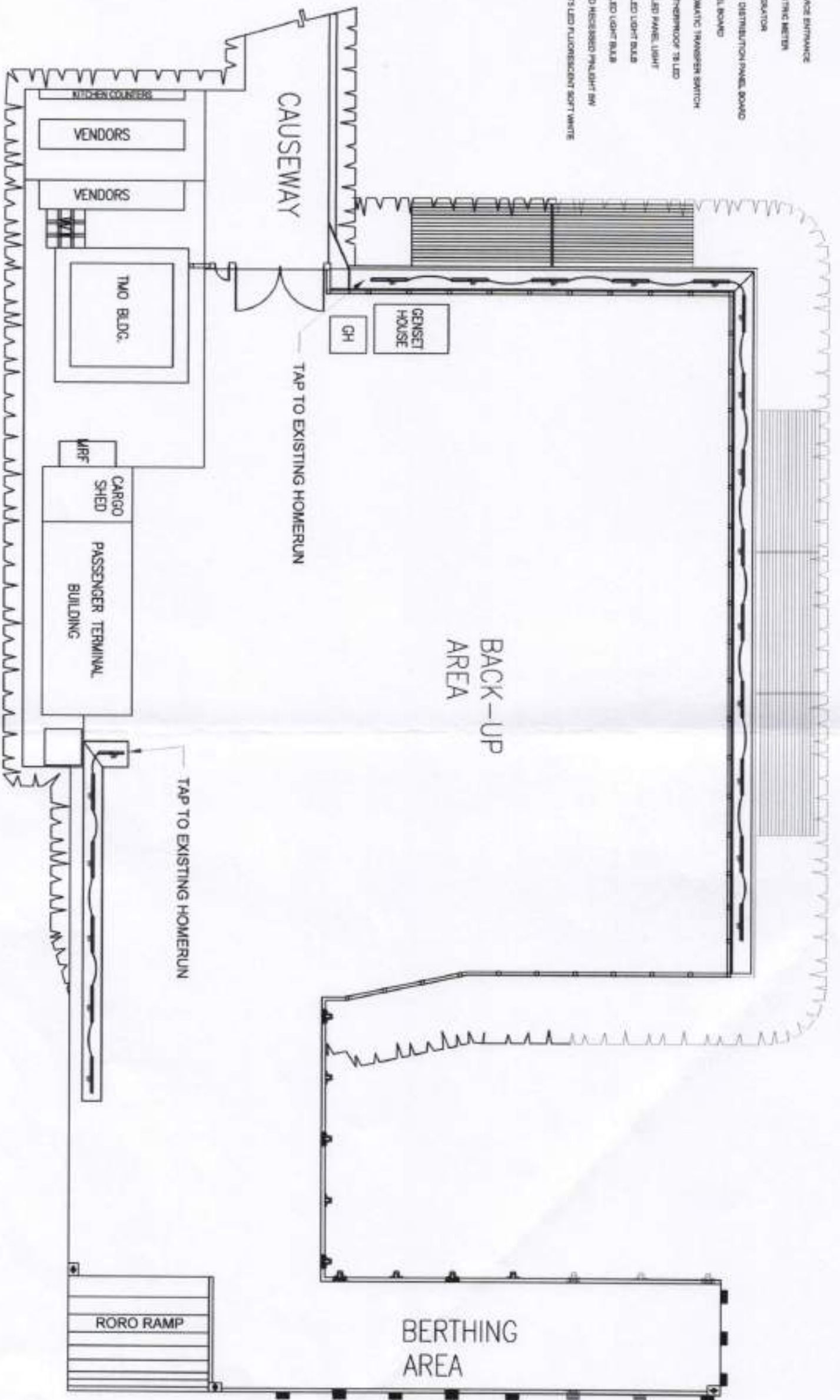
SINGLE LINE DIAGRAM



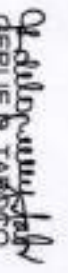
PHILIPPINE PORTS AUTHORITY PORT MANAGEMENT OFFICE - MARQUEZ	PROJECT LOCATION: MAINTENANCE OF ELECTRICAL SYSTEM PORT OF STA. CRUZ MARINDUQUE	PREPARED BY: MARK ANDREW S. PIÑEDA ACTING SUPERVISING ENGINEER A	CHECKED/REVIEWED BY: PAULO M. TABOCO PRINCIPAL ENGINEER A	RECOMMENDED BY: PAULA A. LIBAQUE ESD MANAGER	APPROVED BY: ANNA THERESA M. BISCOCHO ACTING PORT MANAGER	SHEET CONTENT: ● POWER LAYOUT ● SINGLE LINE DIAGRAM ● PANEL BOARD DIAGRAM 2 / 4
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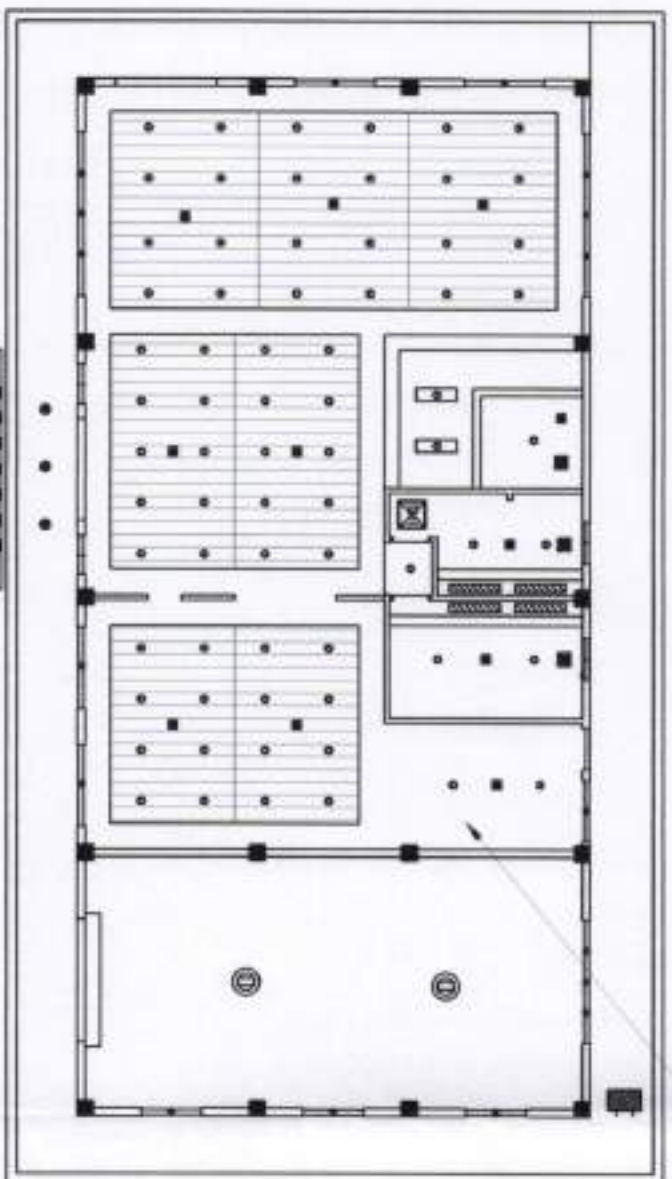
LEGEND

- ➔ SERVICE ENTRANCE
- ⊙ ELECTRIC METER
- ⊙ GENERATOR
- ⊙ MAIN DISTRIBUTION PANEL BOARD
- ⊙ PANEL BOARD
- ⊙ AUTOMATIC TRANSFER SWITCH
- ⊙ WEATHERPROOF TB LED
- ⊙ 8W LED PANEL LIGHT
- ⊙ 15W LED LIGHT BULK
- ⊙ 12W LED LIGHT BULK
- ⊙ 7' LED RECESSED PENDANT BM
- ⊙ 15W T5 LED FLUORESCENT SOFT WHITE

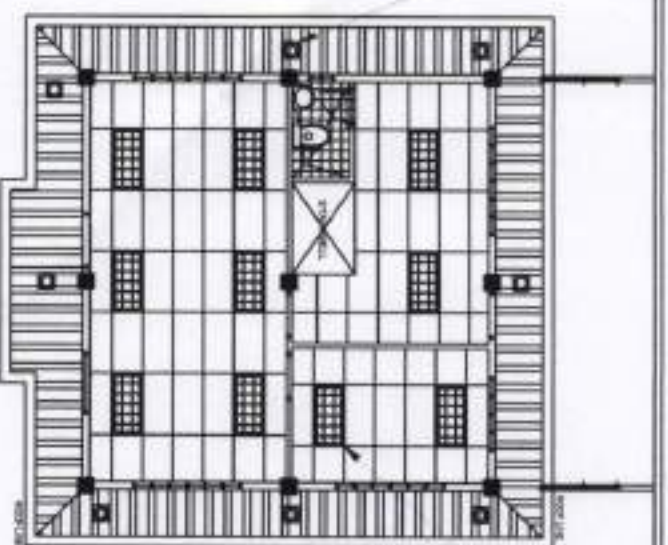


**COVERED WALK
LIGHTING LAYOUT**
SCALE 1:600

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REPLACEMENT OF BUSTED LIGHT



REPLACEMENT OF LIGHTING FIXTURE

PTB REFLECTED CEILING PLAN

SCALE

1:150

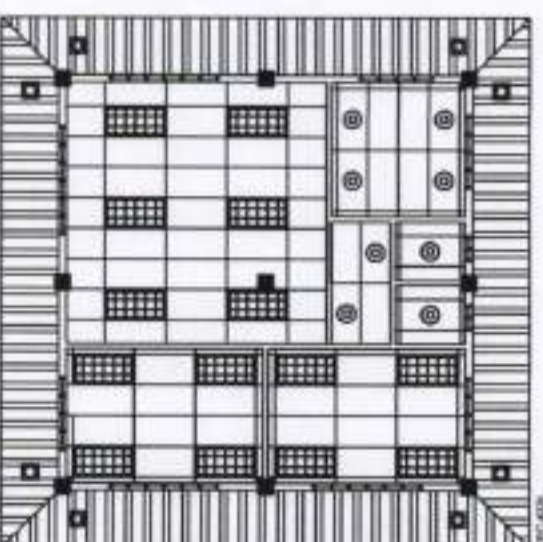
TWO GROUND FLOOR REFLECTED CEILING PLAN

SCALE

1:150

GENERAL NOTES

1. ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE APPLICABLE LAWS AND ORDINANCES OF THE MUNICIPALITY CONCERNED, AND THE REQUIREMENTS OF THE UTILITY COMPANY CONCERNED.
2. ALL MATERIALS AND EQUIPMENTS TO BE USED SHALL BE NEW AND OF APPROVED TYPE FOR THE LOCATION AND PURPOSE.
3. THE TYPE OF POWER SUPPLY TO BE INSTALLED SHALL BE TWO WIRE, 230 VOLTS, 60 HERTZ, SINGLE PHASE.
4. WHENEVER REQUIRED AND NECESSARY, PULL OR SQUARE BOXES SHALL BE INSTALLED AT CONVENIENT SPACES OR LOCATION ALTHOUGH SUCH BOXES ARE NOT SHOWN NOR INDICATED IN PLANS.
5. ALL FEEDERS AND BRANCH CIRCUIT SHALL BE INSTALLED AS INDICATED ON THE PLANS, INDIVIDUAL CIRCUIT HOMERUNS TO PANEL BOARD SHALL NOT BE COMBINED IN THE SAME RACEWAY OR CONDUITS UNLESS INDICATED ON THE PLANS.
6. THE MINIMUM SIZE OF WIRE AND CONDUIT SHALL BE 2.0 MM SQUARE THIN AND 15 MM D PVC CONDUIT SIZE, RESPECTIVELY.
7. FOR EACH SPARE BRANCH CIRCUIT IN THE PANEL BOARD, PROVIDE 20 MM PVC CONDUIT PIPE TERMINATED TO 100 MM JUNCTION BOX ABOVE CEILING.
8. ALL ELECTRICAL WORKS HEREIN SHOULD BE UNDER THE DIRECT SUPERVISION OF DULY REGISTERED ELECTRICAL ENGINEER



TWO SECOND FLOOR REFLECTED CEILING PLAN

SCALE

1:150

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