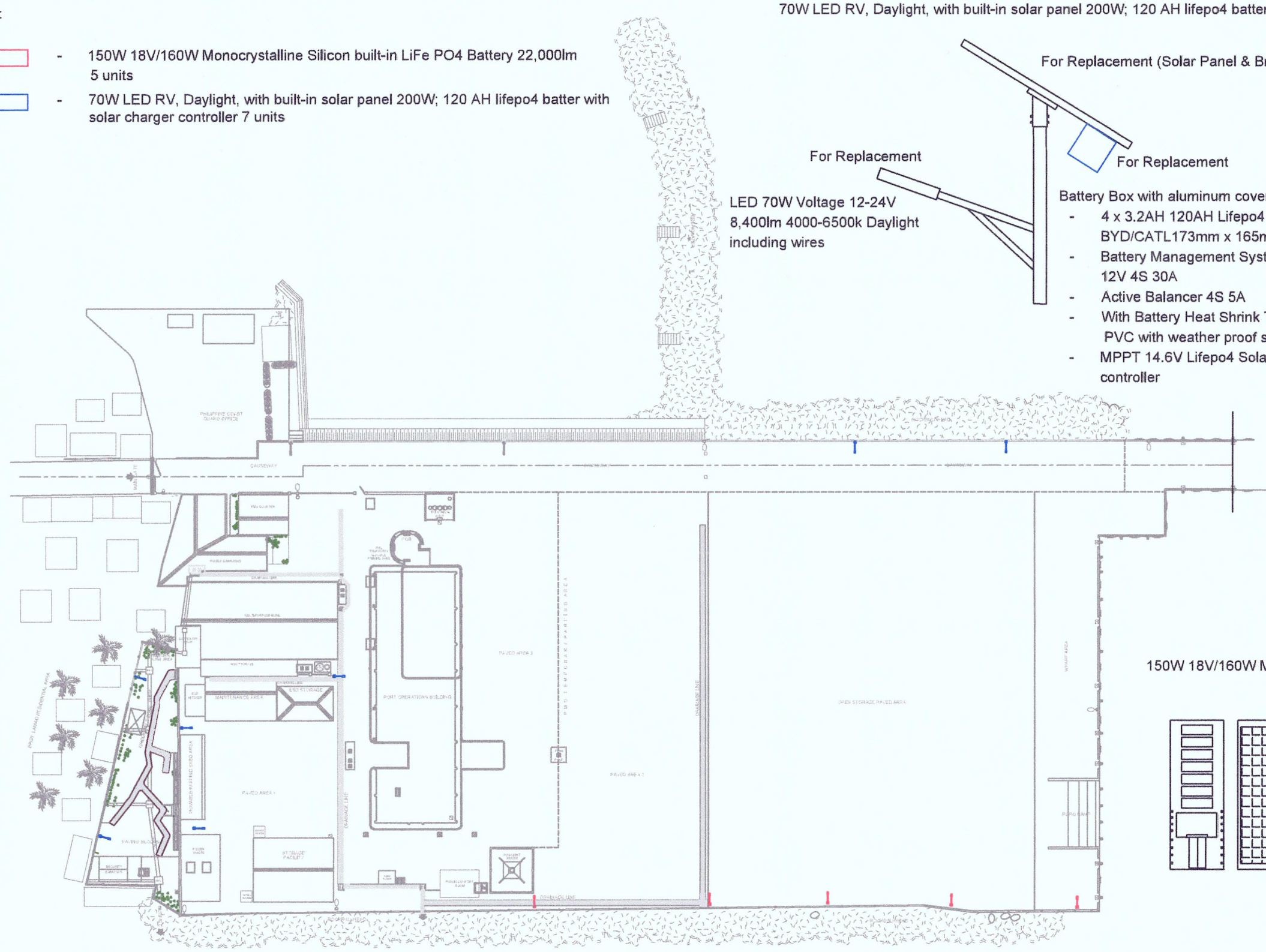
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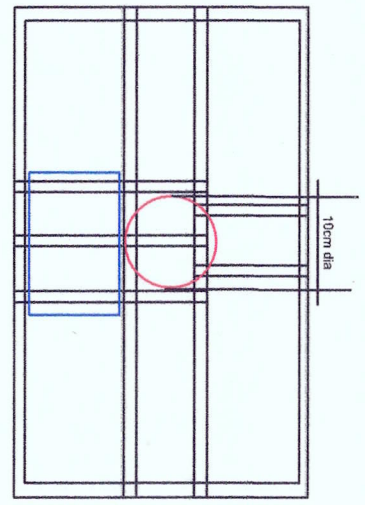
- 150W 18V/160W Monocrystalline Silicon built-in LiFe PO4 Battery 22,000lm
  5 units
- 70W LED RV, Daylight, with built-in solar panel 200W; 120 AH lifepo4 batter with solar charger controller 7 units



70W LED RV, Daylight, with built-in solar panel 200W; 120 AH lifepo4 battery with solar charger controller

LED 70W Voltage 12-24V
8,400lm 4000-6500k Daylight
including wires

Battery Box with aluminum cover
- 4 x 3.2AH 120AH Lifepo4 battery BYD/CATL173mm x 165mm x 48mm
- Battery Management System (BMS) 12V 4S 30A
- Active Balancer 4S 5A
- With Battery Heat Shrink Tube Wrap PVC with weather proof sealant
- MPPT 14.6V Lifepo4 Solar charge controller



length - 1,320mm x 992mm solar panel
Maximum Power (Pmax): 200W
Maximum Power Voltage (Vmp): 18.4V
Maximum Power Current (Imp): 10.9A
Open Circuit Voltage (Voc): 21.8V
Short Circuit Current (Isc): 11.6A
Nominal Operating Cell Temperature (NOCT): 113°F ± 35°F
Temperature Range: -40°F to +185°F
Weight: Approximately 23.6 lbs (10.7 kg) with fabricated bracket(painted)
1" flat bar, 1" angle bar, nut and accessories

150W 18V/160W Monocrystalline Silicon built-in LiFe PO4 Battery 22,000lm

Solar Panel - 18V/160W Monocrustalline Silicon
Battery - Built-in LiFe PO4 Lithium Iron Battery
Battery Life - 8 years
LED Chip Brand - Cree 5050
Light Output - 22,000lm
Life Time - 50,000 hours
CCT -3000K-6500K
Shell Material - Aluminum Alloy
Charging Time - 6-7hours (by sun)
Product Size - 1770 x 490 x 115mm
LED Module - 7 LED module

PHILIPPINE PORTS AUTHORITY
PORT OF LAMAO
LAMAO, LIMAY, BATAAN

TITLE:
MAINTENANCE OF SOLAR LIGHTS AT PORT OF LAMAO, LIMAY, BATAAN

DATE: JANUARY 6, 2025

PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENT:	DIMENSION:
EDGARDO B. ANDAYA JR. SUPERVISING ENGINEER A, PMO-BATAAN/AURORA	ALBERT FRANCIS T. GOLES PRINCIPAL ENGINEER A, PMO-BATAAN/AURORA	VAL JONATHAN V. PINEDA ACTING ESD MANAGER, PMO-BATAAN/AURORA	NIÑO PAOLO M. BISCOCHO ACTING PORT MANAGER, PMO-BATAAN/AURORA	- LOCATION PLAN - SPECIFICATION	M

SHEET No. 1 of 1