

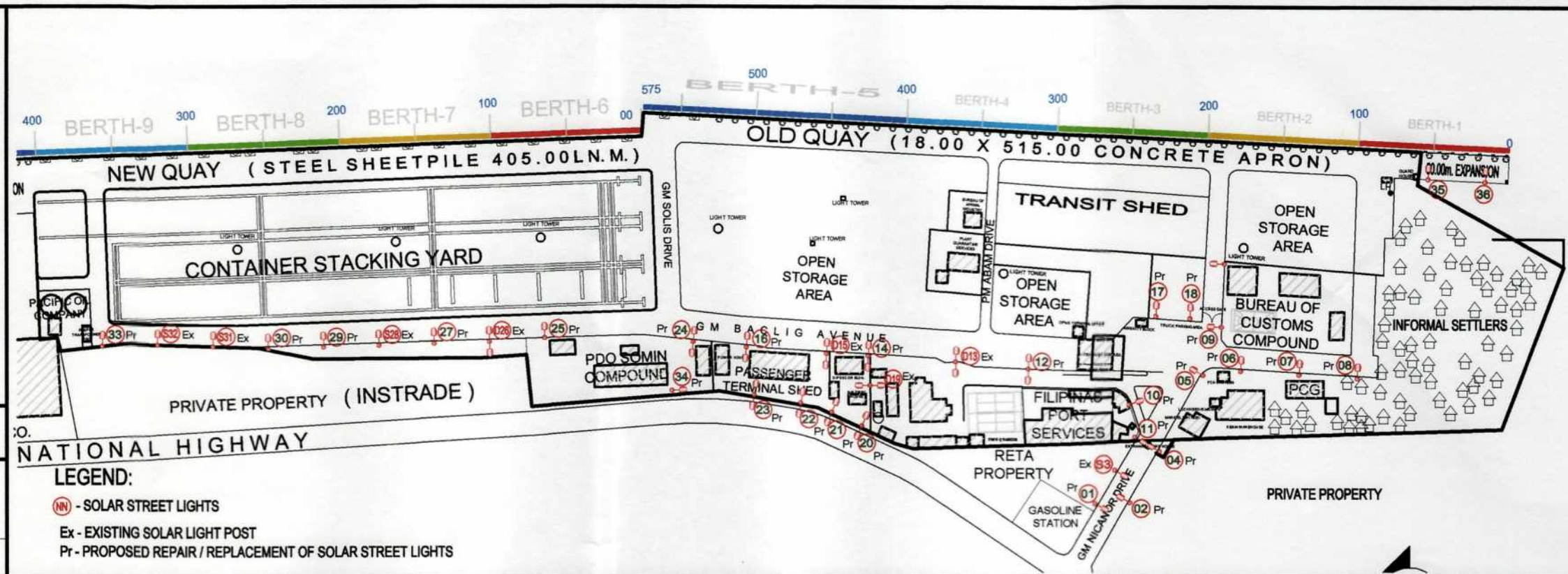
01.1 PORT LOCATION MAP
SCALE 1: NMMETERS

SHT. NO.	DESCRIPTION
01	PORT LOCATION MAP, SHEET CONTENTS, TABULATION, LOCATION PLAN, EXISTING DOUBLE ARM STREET LIGHT-ELEVATION & EXISTING SINGLE ARM STREET LIGHT-ELEVATION
02	SPECIFICATIONS, DOUBLE SEMI-INTEGRATED SOLAR STREET LIGHT - ELEVATION & SINGLE SEMI-INTEGRATED SOLAR STREET LIGHT - ELEVATION

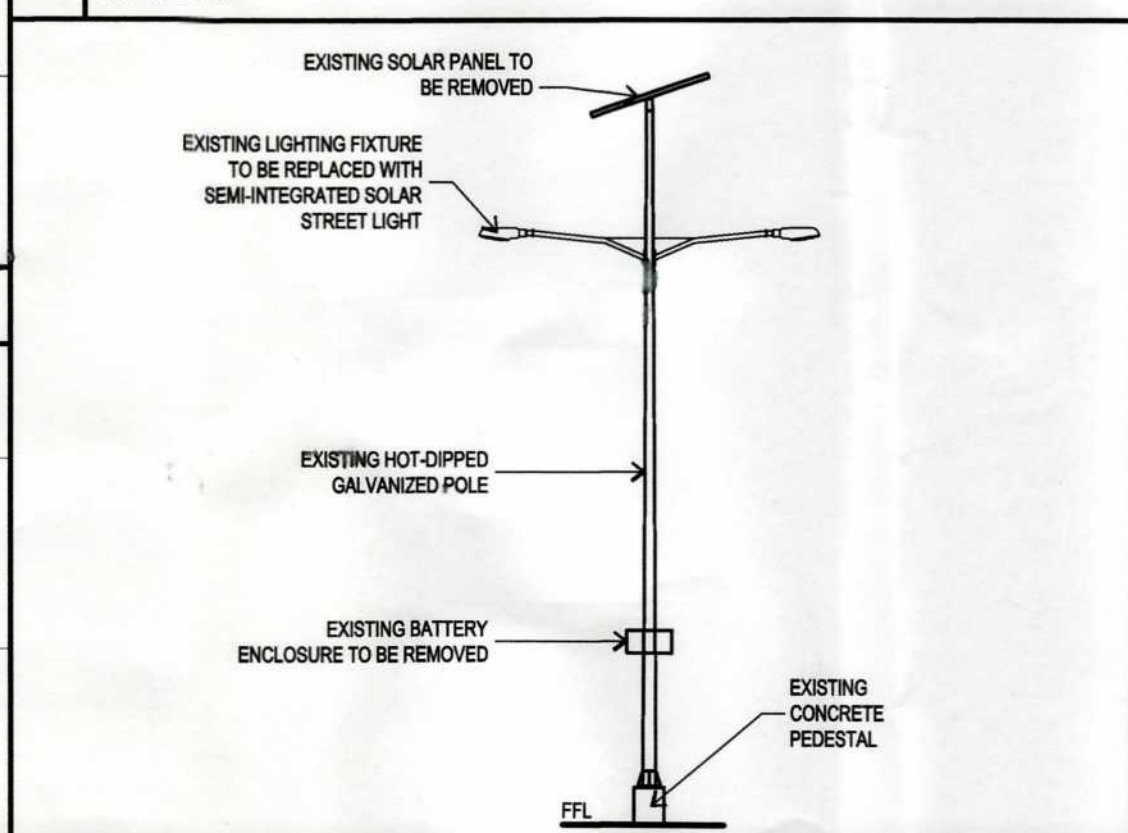
01.2 SHEET CONTENTS
SCALE 1: NMMETERS

TYPE OF STREET LIGHT / DESIGNATED NUMBER FOR REPLACEMENT	NO. OF UNITS
EXISTING SINGLE ARM SOLAR STREET LIGHTS S3, S28, S31, & S32	4
EXISTING DOUBLE ARM SOLAR STREET LIGHTS / D13, D15, D19, & D26	4

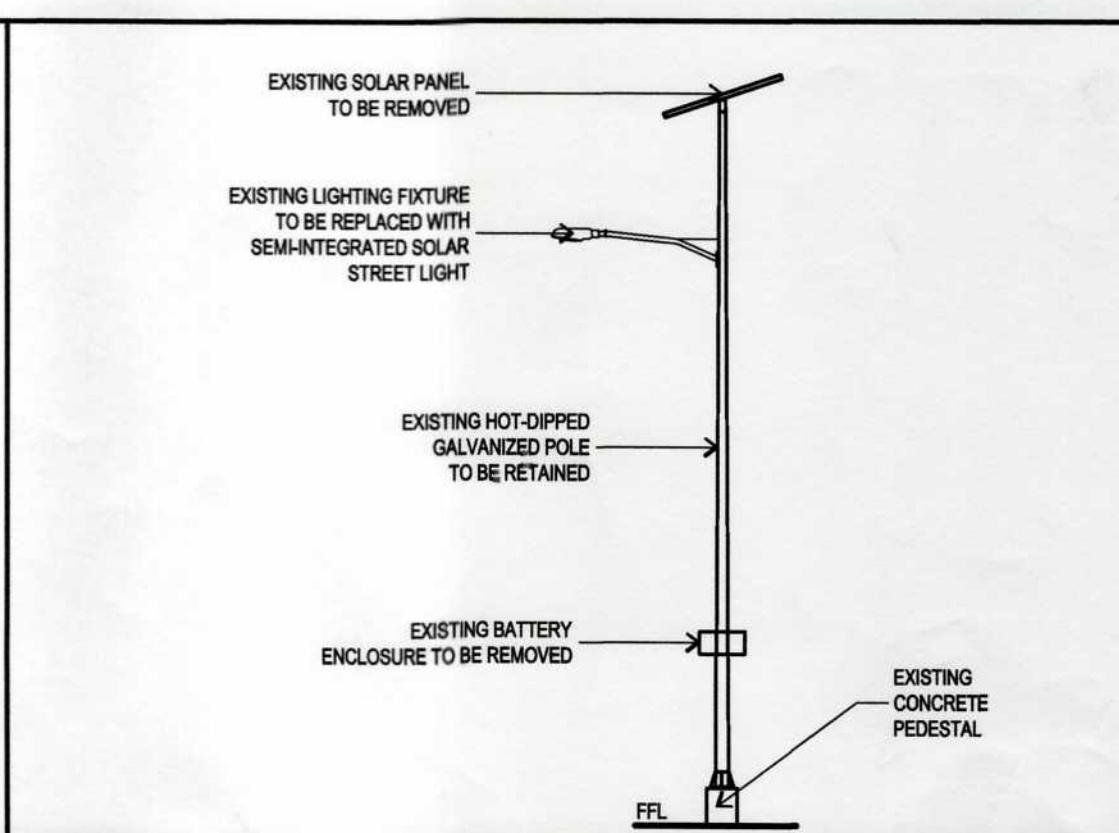
01.4 TABULATION
SCALE 1: NMMETERS



01.3 LOCATION PLAN
SCALE 1: 300METERS



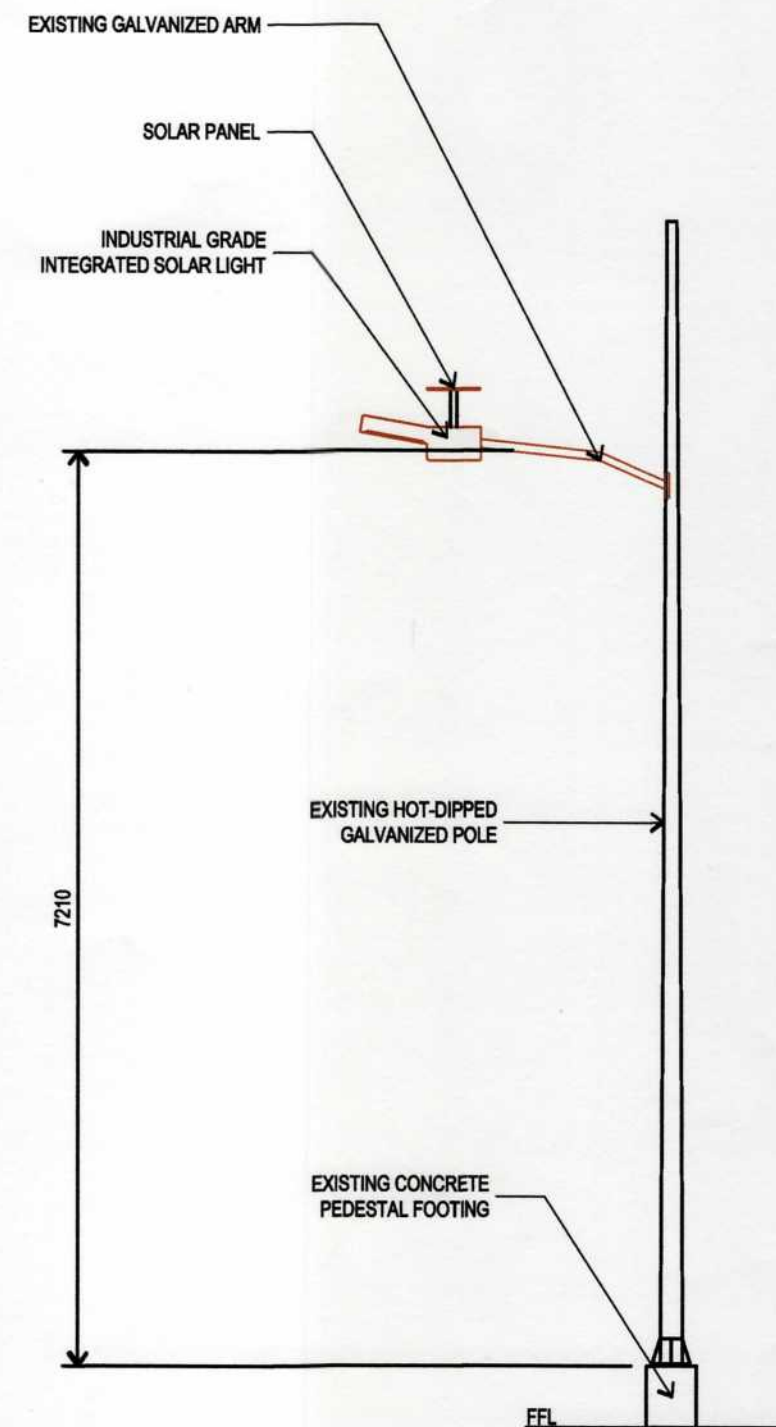
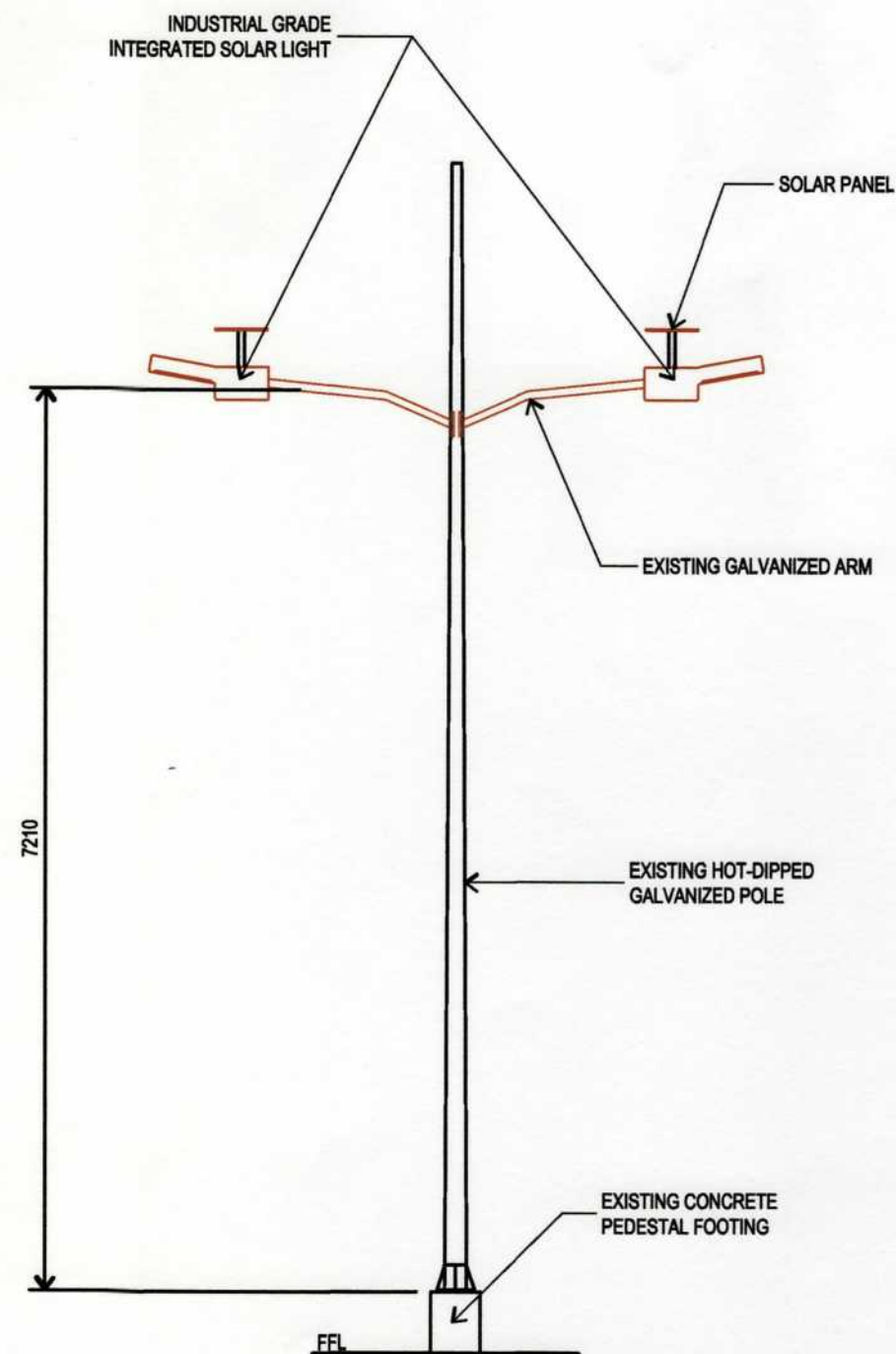
01.5 EXISTING DOUBLE ARM STREET LIGHT-ELEVATION
SCALE 1:100METERS



01.6 EXISTING SINGLE ARM STREET LIGHT-ELEVATION
SCALE 1:100METERS

<p>PHILIPPINE PORTS AUTHORITY PMD DAVAO</p>	<p>PREPARED BY: EDEL PETER L. DE LA ROSA SENIOR ENGINEER A</p>	<p>CHECKED AND REVIEWED BY: LARA SIMON L. ABA SUPERVISING ENGINEER A</p>	<p>RECOMMENDING APPROVAL BY: ASTERIO C. GALLARDO, JR. ESD MANAGER</p>	<p>APPROVED BY: ANALEE G. AGUILA PORT MANAGER</p>	<p>OWNER: ANALEE G. AGUILA PORT MANAGER</p>	<p>PROJECT TITLE: REMOVAL, SUPPLY AND INSTALLATION OF INDUSTRIAL GRADE INTEGRATED SOLAR STREET LIGHTS, SASA PORT, DAVAO CITY</p>	<p>LOCATION: KM. 10, SASA PORT AREA, SASA, DAVAO CITY</p>	<p>NO. OF SHEETS: 01 OF 02</p>	<p>DATE: 09/08/2020</p>	<p>DATE: 09/08/2020</p>	<p>DATE: 09/08/2020</p>
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- **AUTO ADJUST OUTPUT POWER BASED ON WEATHER CONDITION FOR MPPT CONTROLLER;**
- **SOLAR PANEL 80W / 18V;**
- **LIFEPO BATTERY 24AH / 12.8V GRADE A;**
- **12 HRS WORKING TIME PER NIGHT AND 3-5 HOURS BACK-UP ON RAINY DAYS;**
- **POST TOP AND SIDE ENTRY MOUNTING W/ CHARGING TEMPERATURE FROM -25 DEGREE CELSIUS - -65 DEGREE CELSIUS;**
- **5000K COLOR TEMP. USING MICROWAVE SENSOR;**
- **HIGH LED LUMINOUS EFFICIENCY 150-210 LM / W;**
- **UP TO 10 METERS MOUNTING HEIGHT;**
- **TUV CERTIFIED EN55015;**
- **ROTATING PLATFORM UP TO 360 DEGREES; AND**
- **IP65**



02.1 SPECIFICATIONS

02.2 DOUBLE SEMI-INTEGRATED SOLAR STREET LIGHT - ELEVATION
SCALE 1: 1000

02.3 SINGLE SEMI-INTEGRATED SOLAR STREET LIGHT - ELEVATION

	PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL BY:	APPROVED BY:	OWNER:	PROJECT TITLE:	REVISIONS		SHEET NO.	OF
					ANALEE G. AGUILA PORT MANAGER	REMOVAL, SUPPLY AND INSTALLATION OF INDUSTRIAL GRADE INTEGRATED SOLAR STREET LIGHTS, SASA PORT, DAVAO CITY	DATE	REMARKS	02	2
	EDELPETER L. DE LA ROSA SENIOR ENGINEER A	LARA SIMONE L. ABA SUPERVISING ENGINEER A	ASTERIO C. GALLARDO, JR. ESD MANAGER	ANALEE G. AGUILA PORT MANAGER	SHEET CONTENTS:	LOCATION:	ADDENDUM			
					SPECIFICATIONS: DOUBLE SEMI-INTEGRATED SOLAR STREET LIGHT - ELEVATION & SINGLE SEMI-INTEGRATED SOLAR STREET LIGHT - ELEVATION.	KM. 10, SASA PORT AREA, SASA, DAVAO CITY	NO.	-		
						DATE	-	CADD BY: VAJ		
						DATE	-	DATE DRAWN: 09/08/2020		
						DATE	-	DATE UPDATED: 9/9/2020		

CAD FILE: J:\00-ESD Files\ESD-Files_2020\Files-CAD\Sasa Port\2020-00-SASA-Repair-of-Street-Lights.dwg
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PLOT STYLE: 00-PMODavao_PP_20x30 + A3.thicker.ctb