



Republic of the Philippines  
**DEPARTMENT OF PUBLIC WORKS & HIGHWAYS**  
**OFFICE OF THE REGIONAL DIRECTOR**  
**REGIONAL OFFICE NO. XI**  
GOV. CHAVEZ ST., DAVAO CITY

CY : 2025 PROJECT  
DETAILED ENGINEERING DESIGN PLAN FOR

**CONSTRUCTION OF 701Bde SOLAR POWER SYSTEM,  
701st INFANTRY BRIGADE, SITIO MAGAY, BARANGAY  
DON MARTIN MARUNDAN, MATI CITY, DAVAO ORIENTAL**

LOCATION : MATI CITY, DAVAO ORIENTAL

SUBMITTED:

JUDY ANN T. BERNARDINO

CHIEF, PLANNING AND DESIGN DIVISION

RECOMMENDED:

JOSELITO B. CABALLERO

ASSISTANT REGIONAL DIRECTOR

APPROVED:

JUBY B. CORDON

REGIONAL DIRECTOR

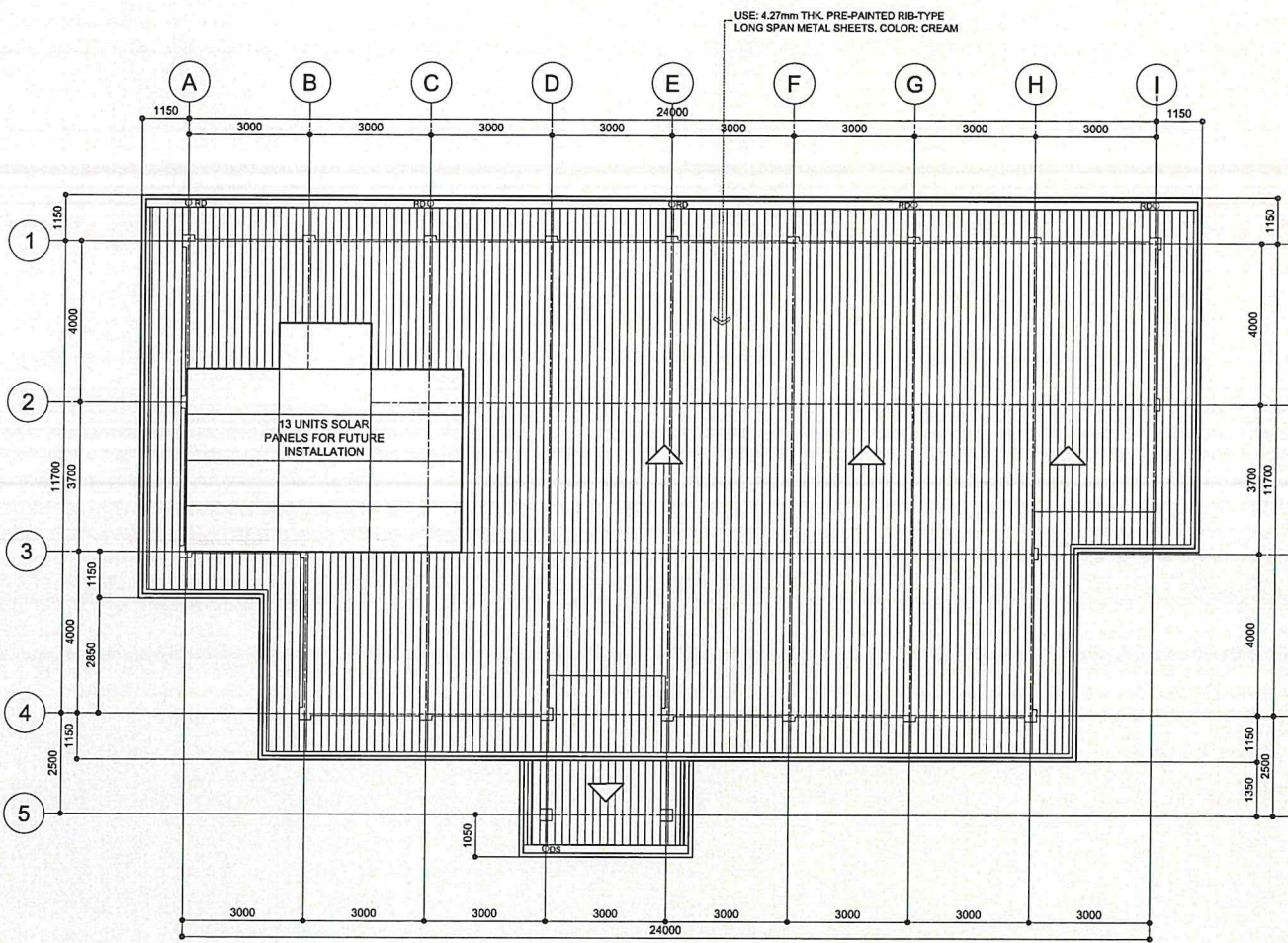






# SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
<b>PART B OTHER GENERAL REQUIREMENTS</b>			
B.5 (1)	Project Billboard/Sign Board	ea	2.00
<b>PART F ELECTRICAL</b>			
1102 (18)	Solar Panel with Inverter, Battery, and Other Devices	I.s.	1.00



1 TYPICAL ROOF PLAN (UNIT 1 & 2)  
A-2 SCALE 1:100 M

SOLAR SYSTEM HYBRID  
22KW GROWATT / SUNFLX INVERTER  
26 PCS SOLAR PANEL 580 WATTS - 630 WATTS 12 YEARS WARRANTY, NOTE 13 PCS UNIT 1 AND 13 PCS UNIT 2  
12KW HYBRID INVERTER GROWATT WIFI READY ( 2PCS )  
MODEL SPE 12000 ES  
GENTAI 100 AHR VOLTS 51.2 LITHIUM BATTERY 2PCS



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DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
REGIONAL OFFICE NO. XI  
GOV. CHAVEZ COR. R. MAGSAYSAY AVENUE, DAVAO CITY

PROJECT NAME AND LOCATION:

CONSTRUCTION OF SOLAR POWER SYSTEM, 701st  
BRIGADE, SITIO MAGAY, DON MARTIN MARUNDAN,  
MATI CITY, DAVAO ORIENTAL

SHEET CONTENTS:

SUMMARY OF QUANTITIES  
TYPICAL ROOF PLAN (UNIT 1&2)

PREPARED:

FERDINAND M. RAÑOSA  
ARCHITECT II

DATE:

REVIEWED:

ALGIN A. GINGRAN  
ENGINEER III, SECTION CHIEF

DATE:

SUBMITTED:

JUDY ANN T. BERNARDINO  
CHIEF, PLANNING AND DESIGN DIVISION

DATE:

RECOMMENDED:

JOSELITO B. CABALLERO  
ASSISTANT REGIONAL DIRECTOR

DATE:

APPROVED:

JUBY B. CORDON  
REGIONAL DIRECTOR

DATE:

SET NO.

A  
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SHEET NO.

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