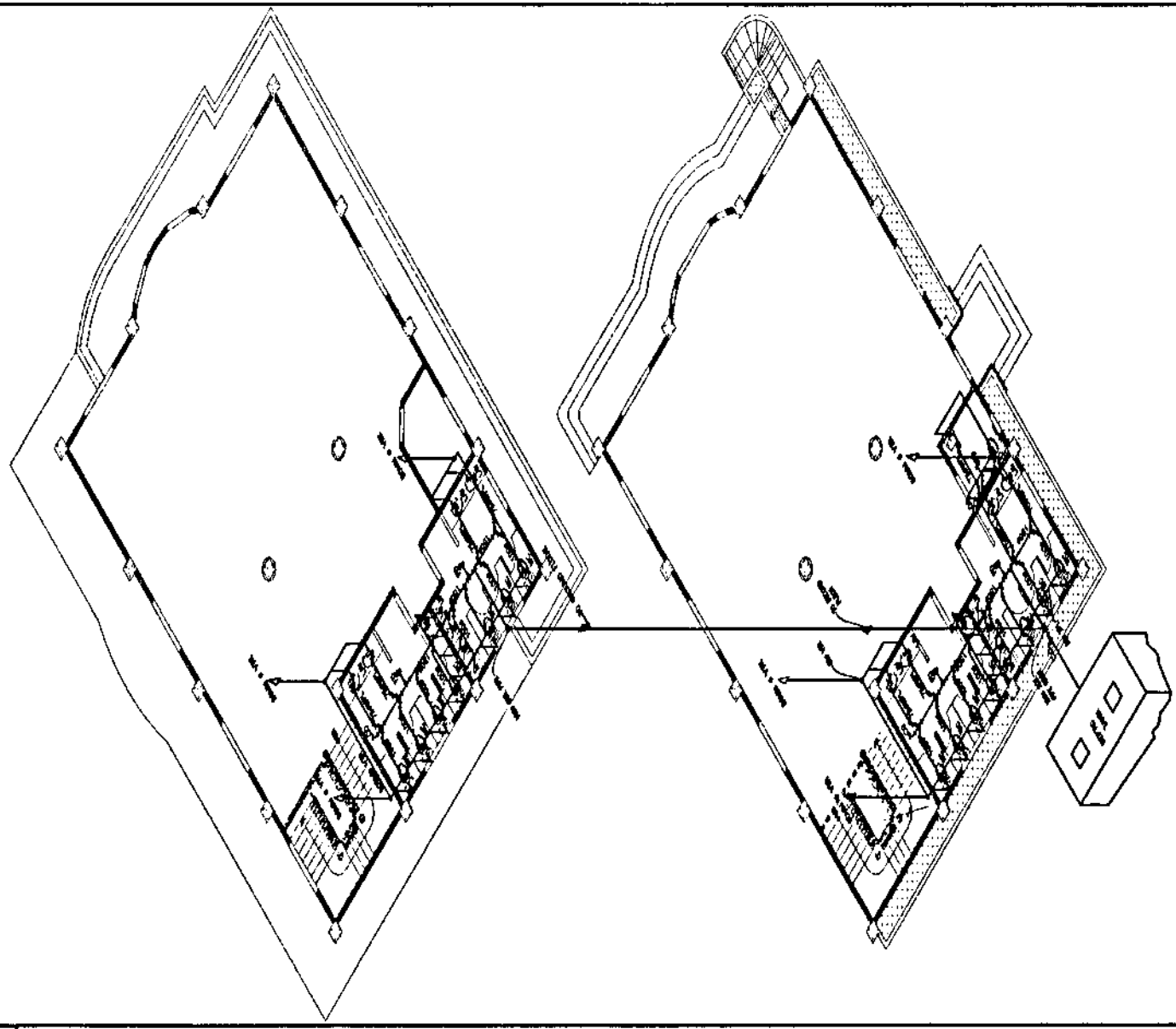


SANITARY LAYOUT
1 ISOMETRIC VIEW
SCALE 1:100mts

PHILIPPINE PORTS AUTHORITY

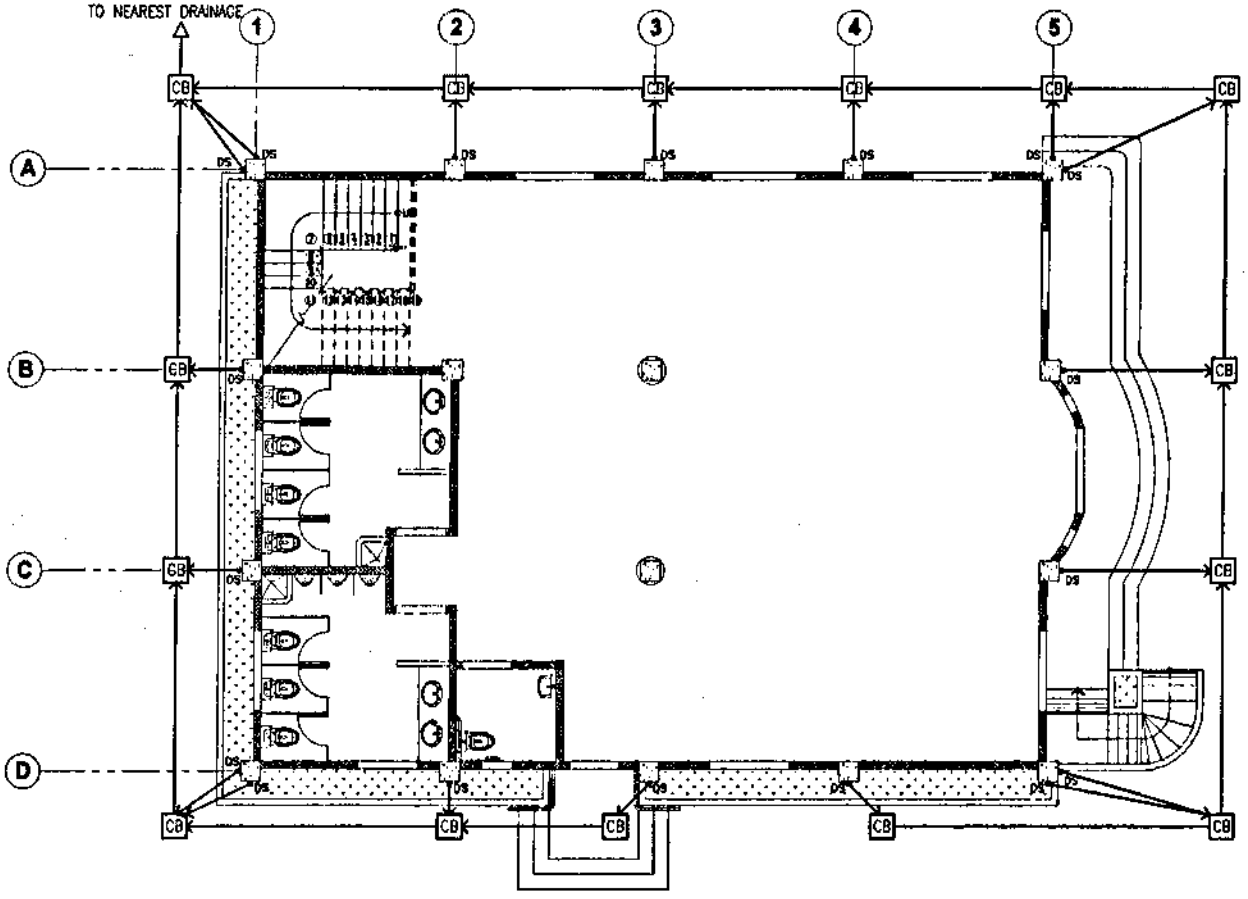
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 53/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REDUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



PTB 2 - GROUND FLOOR

1 STORM DRAINAGE LAYOUT

SCALE 1:100mts

PHILIPPINE PORTS AUTHORITY

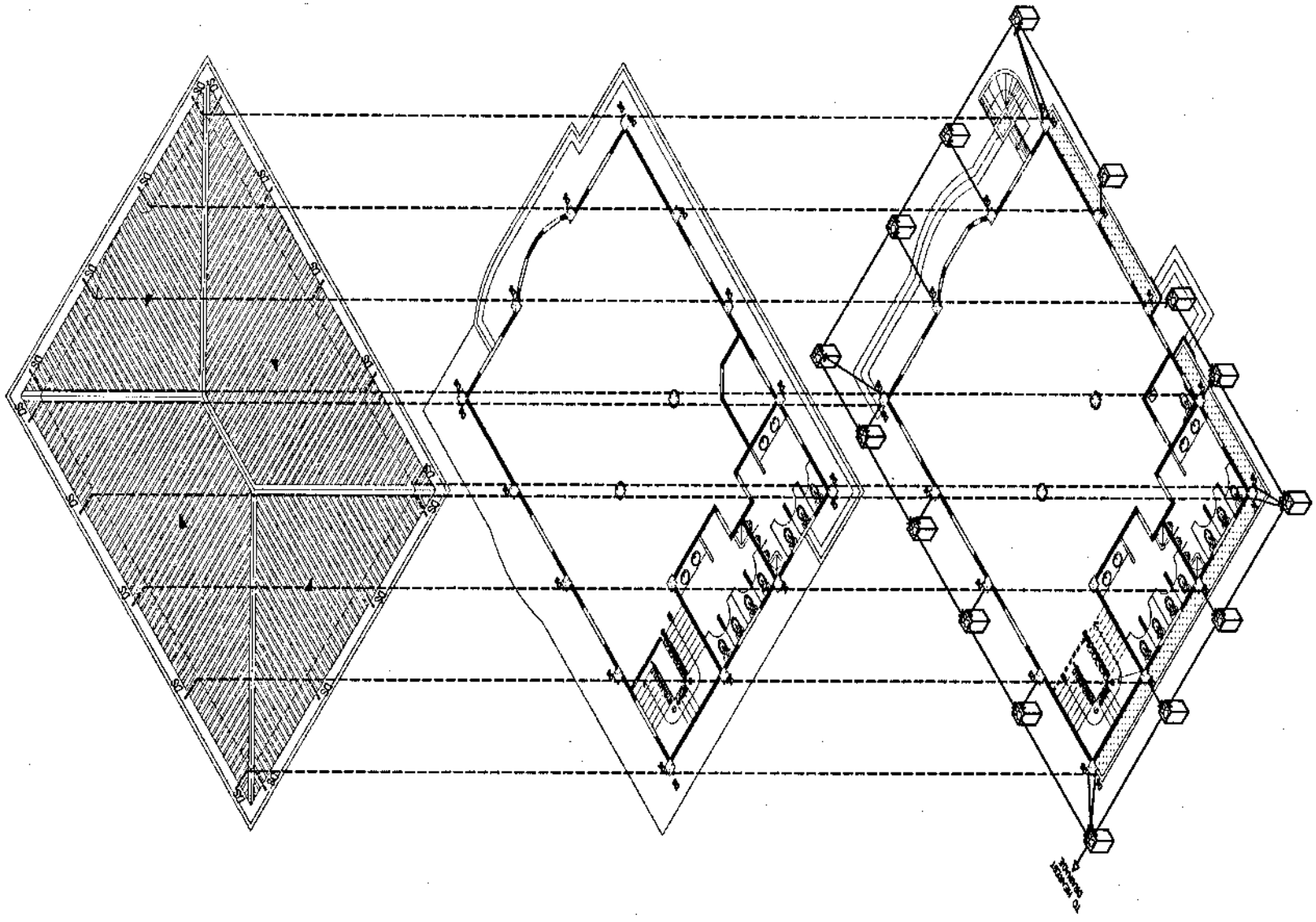
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 54/94

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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



SANITARY LAYOUT
1 ISOMETRIC VIEW
SCALE 1:125mts

PHILIPPINE PORTS AUTHORITY
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER, RAWIS, LEGAZPI CITY 4500

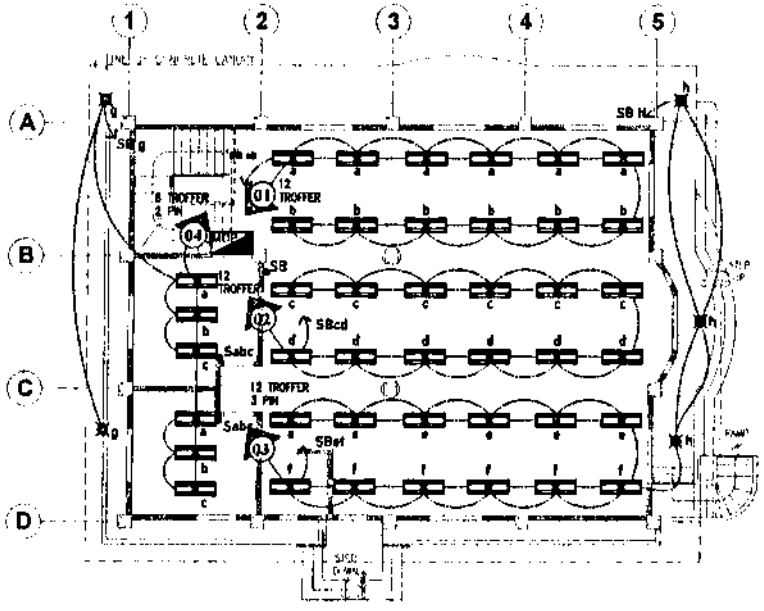
PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 55 / 94

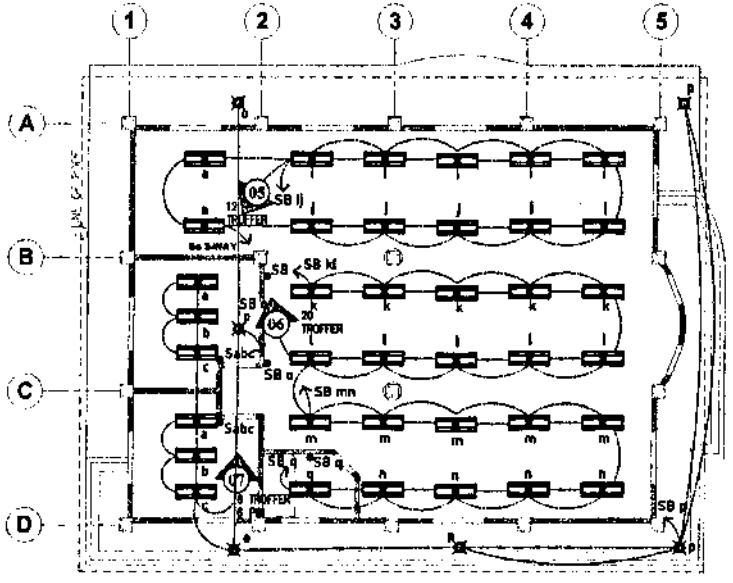
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JUNE 24, 2024

CEILING PLAN SYMBOL		ELECTRICAL WORKS - PTB 2
SYMBOL	DESCRIPTION	
	TYPE: E27-12W COOL WHITE LED LAMP W/ 8" WHITE RECESSED CASING AND GLASS COVER QUANTITY: 11	1. REPLACEMENT AND REWIRING OF 80 SETS TROFFER-TYPE LIGHTING FIXTURE AT PASSENGER'S WAITING AREA AND RESTROOMS 2. REPLACEMENT AND REWIRING OF 11 SETS PIN LIGHT AT RESTROOMS AND EAVES 3. REWIRING OF POWER, EMERGENCY LIGHT OUTLETS AND SPECIAL PURPOSE OUTLETS 4. INSTALLATION OF NEW PANEL BOARD AND CIRCUIT BREAKERS
	TYPE: 2X18 TUBE LIGHT (1200MM LENGTH) W/ METAL SHEET HOUSING AND MIRRORED REFLECTORS	



PTB 2 - GROUND FLOOR
1 LIGHTING LAYOUT
SCALE 1:150mts



PTB 2 - SECOND FLOOR
2 LIGHTING LAYOUT
SCALE 1:150mts

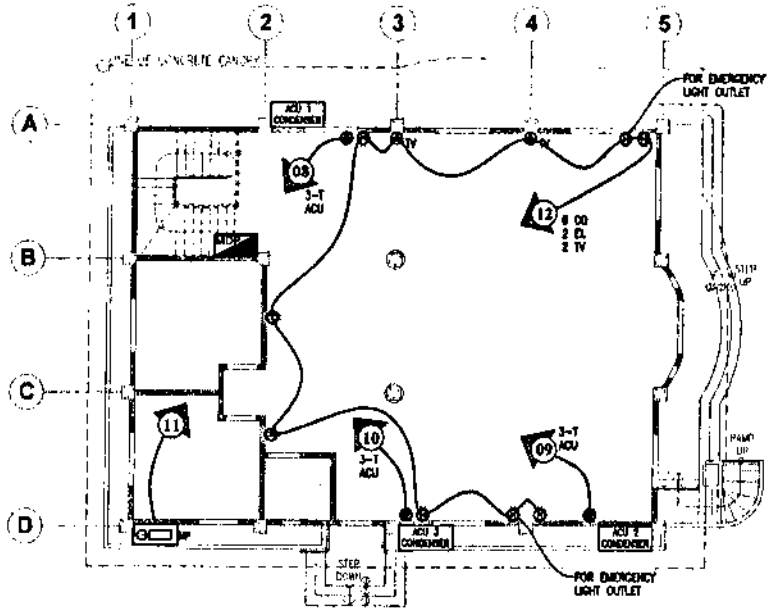
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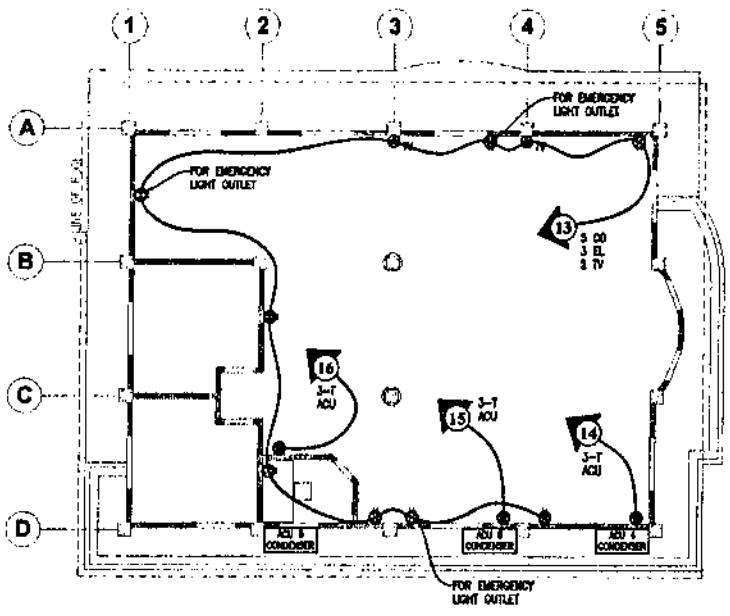
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PTB 2 - GROUND FLOOR

1 POWER LAYOUT

SCALE 1:150mts



PTB 2 - SECOND FLOOR

2 POWER LAYOUT

SCALE 1:150mts

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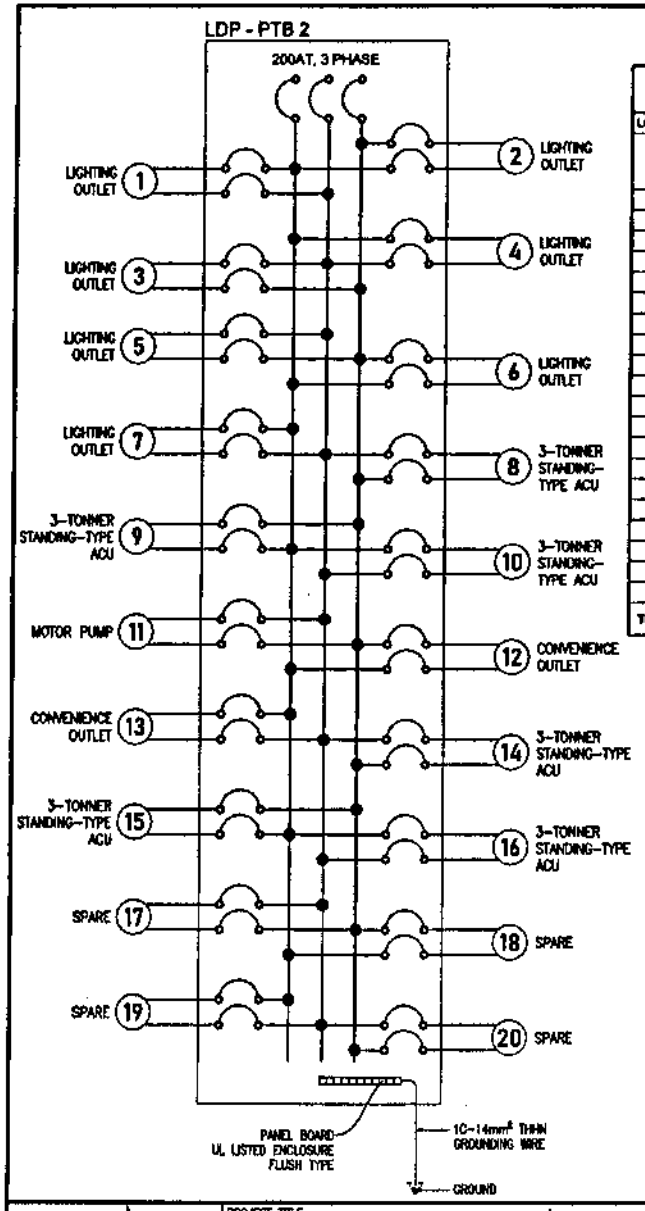
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RAWIS, LEGAZPI CITY 4500

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SCHEDULE OF LOADS

LOAD DISTRIBUTION PANEL - PASSENGER TERMINAL BUILDING 2

CKT NO.	C.B. RATING				CONNECTED LOADS						VA	AMPS			FEEDER			RACEWAY	
	VOLTS	AT	AF	POLE	LD	CO	SPO	SL	OTHERS	DESCRIPTION OF LOADS		AB	BC	CA	WIRE	SIZE (mm2)	TYPE	SIZE (mm2)	CONDUIT
1	230	20	50	2	12					LIGHTING OUTLET	2160	9.39			2	3.5	THHN	25	uPVC
2	230	20	50	2	12					LIGHTING OUTLET	2160			9.39	2	3.5	THHN	25	uPVC
3	230	20	50	2	15					LIGHTING OUTLET	2700		11.74		2	3.5	THHN	25	uPVC
4	230	20	50	2	8					LIGHTING OUTLET	1440	6.26			2	3.5	THHN	25	uPVC
5	230	20	50	2	12					LIGHTING OUTLET	2160		9.39		2	3.5	THHN	25	uPVC
6	230	20	50	2	20					LIGHTING OUTLET	3600			15.65	2	5.5	THHN	25	uPVC
7	230	20	50	2	12					LIGHTING OUTLET	2160	9.39			2	3.5	THHN	25	uPVC
8	230	40	50	2			1			3-TONNER STANDING-TYPE ACU	4600		20.87		2	5.5	THHN	25	uPVC
9	230	40	50	2			1			3-TONNER STANDING-TYPE ACU	4600			20.87	2	5.5	THHN	25	uPVC
10	230	40	50	2			1			3-TONNER STANDING-TYPE ACU	4600	20.87			2	5.5	THHN	25	uPVC
11	230	30	50	2			1			MOTOR PUMP	1500		6.52		2	5.5	THHN	25	uPVC
12	230	20	50	2		8		2	2	CONVENIENCE OUTLET	1800			7.83	2	3.5	THHN	25	uPVC
13	230	20	50	2		6		3	2	CONVENIENCE OUTLET	1800	7.83			2	3.5	THHN	25	uPVC
14	230	40	50	2			1			3-TONNER STANDING-TYPE ACU	4600		20.87		2	5.5	THHN	25	uPVC
15	230	40	50	3			1			3-TONNER STANDING-TYPE ACU	4600			20.87	2	5.5	THHN	25	uPVC
16	230	40	50	2			1			3-TONNER STANDING-TYPE ACU	4600	20.87			2	5.5	THHN	25	uPVC
17	230	20	50	2					1	SPARE	2000		8.70		2	3.5	THHN	25	uPVC
18	230	20	50	2					1	SPARE	2000			8.70	2	3.5	THHN	25	uPVC
19	230	20	50	2					1	SPARE	2000	8.70			2	3.5	THHN	25	uPVC
20	230	20	50	2			1		1	SPARE	2000		8.70		2	3.5	THHN	25	uPVC
TOTAL	230	800	800	3	91	11	8	6	8	MAIN	83230	83.30	86.78	83.30	3	80- 14.00	THWN	63	uPVC

COMPUTATION OF CONNECTED LOADS

COMPUTATION

I_T = 150.30 AMPERES + 8.04 AMPERES
I_T = 159.34 AMPERES

SUB-FEEDER CONDUCTOR:

USE:
3C-80mm² THWN COPPER STRANDED WIRE IN ø63mm PNS 14 uPVC CONDUIT PIPE
1C-14mm² THHN GROUNDING WIRE

SUB-PROTECTION DEVICE:

USE:
200AT, 250AF, 3-POLE, 230 VOLTS
18 KAIC (MIN.) BOLT-ON TYPE MCCB

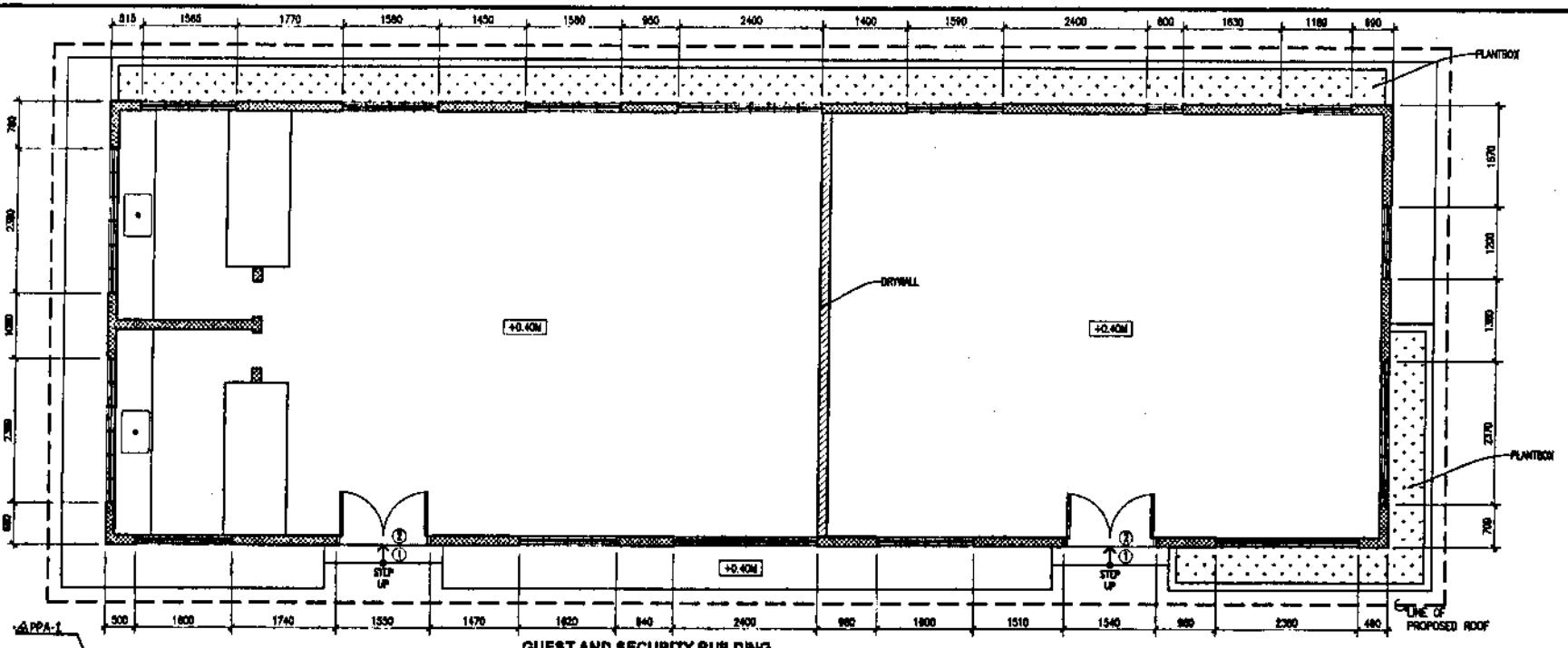
PHILIPPINE PORTS AUTHORITY
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER, RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

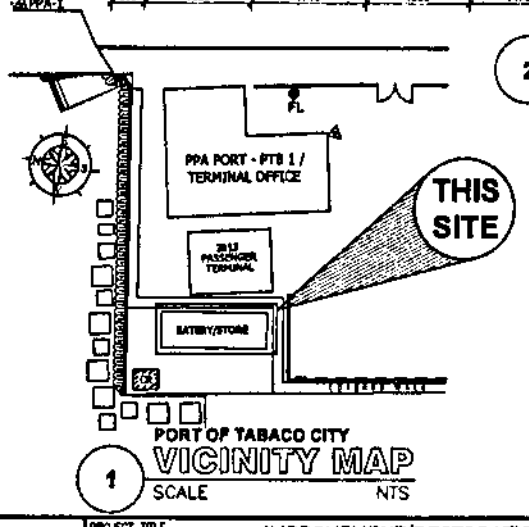
SHEET NO. 58 / 94

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AGAPITO LLOYD LUTALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
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JUNE 24, 2024



GUEST AND SECURITY BUILDING
2 EXISTING PLAN
SCALE 1:75mts



PORT OF TABACO CITY
1 VICINITY MAP
SCALE NTS

SCOPE OF WORK

DESCRIPTION	ASSESSMENT	DESCRIPTION	ASSESSMENT
RELOCATION OF DOORS AND WINDOWS	SEE DETAILS	INSTALLATION OF RESTROOM FIXTURES:	
REPLACEMENT OF FLOOR TILES	FT-01: 121.00m² FT-02: 13.50m²	WATER CLOSET	6 UNITS
INSTALLATION OF WALL TILES	WT-03: 80.00m² WT-04: 1.25m² WT-05: 4.25m²	BIDET SPRAY DROP-IN LAVATORY WALL-MOUNTED LAVATORY SHOWER W/ INTEGRATED FAUCET	6 UNITS 4 UNITS 2 UNITS 5 UNITS
INSTALLATION OF GRANITE "JET BLACK" COUNTERTOP	4.25m²	ACCESSORIES	SEE DETAILS
REPLACEMENT OF ROOF	SEE DETAILS	INSTALLATION OF KITCHEN SINK	2 UNITS
REPLACEMENT OF CEILING	191m²	PROVISION FOR SLIDING METAL STORM SHUTTERS	SEE DETAILS
REPAINTING OF EXTERIOR AND INTERIOR WALLS AND SURFACES	SEE DETAILS	CONSTRUCTION OF CHB WALL AND DRYWALL	SEE DETAILS
REWIRING AND INSTALLATION OF LIGHTING FIXTURES, POWER OUTLETS, AND ELECTRICAL DEVICES	SEE DETAILS	INSTALLATION OF PLUMBING PIPE LINES AND CONSTRUCTION OF SEPTIC VAULT	SEE DETAILS
MILLWORK CONSTRUCTION	SEE DETAILS	DEMOLITION OF CONCRETE WALLS, FLOORS, AND KITCHEN COUNTERS	SEE DETAILS

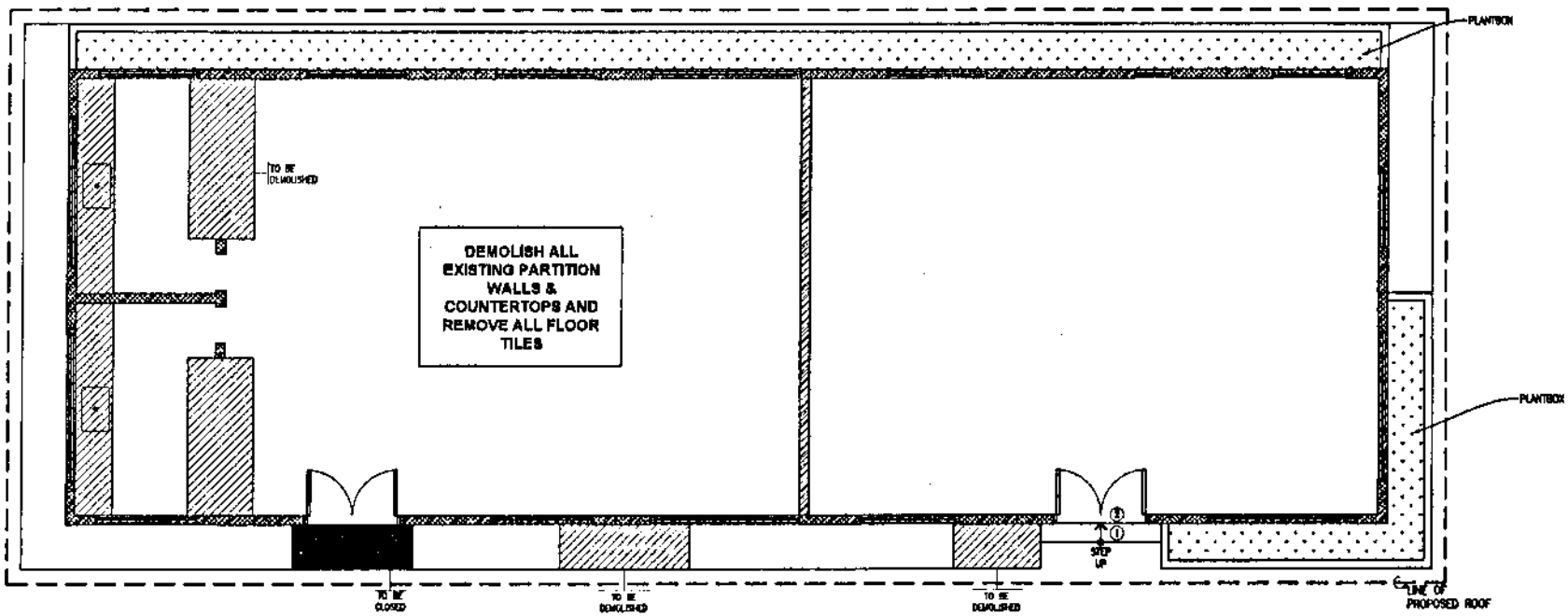
PHILIPPINE PORTS AUTHORITY
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER, RAWIS, LEGAZPI CITY 4500

PROJECT TITLE
IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 59 / 94

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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



1 GUEST AND SECURITY BUILDING
DEMOLITION PLAN
SCALE 1:75mts

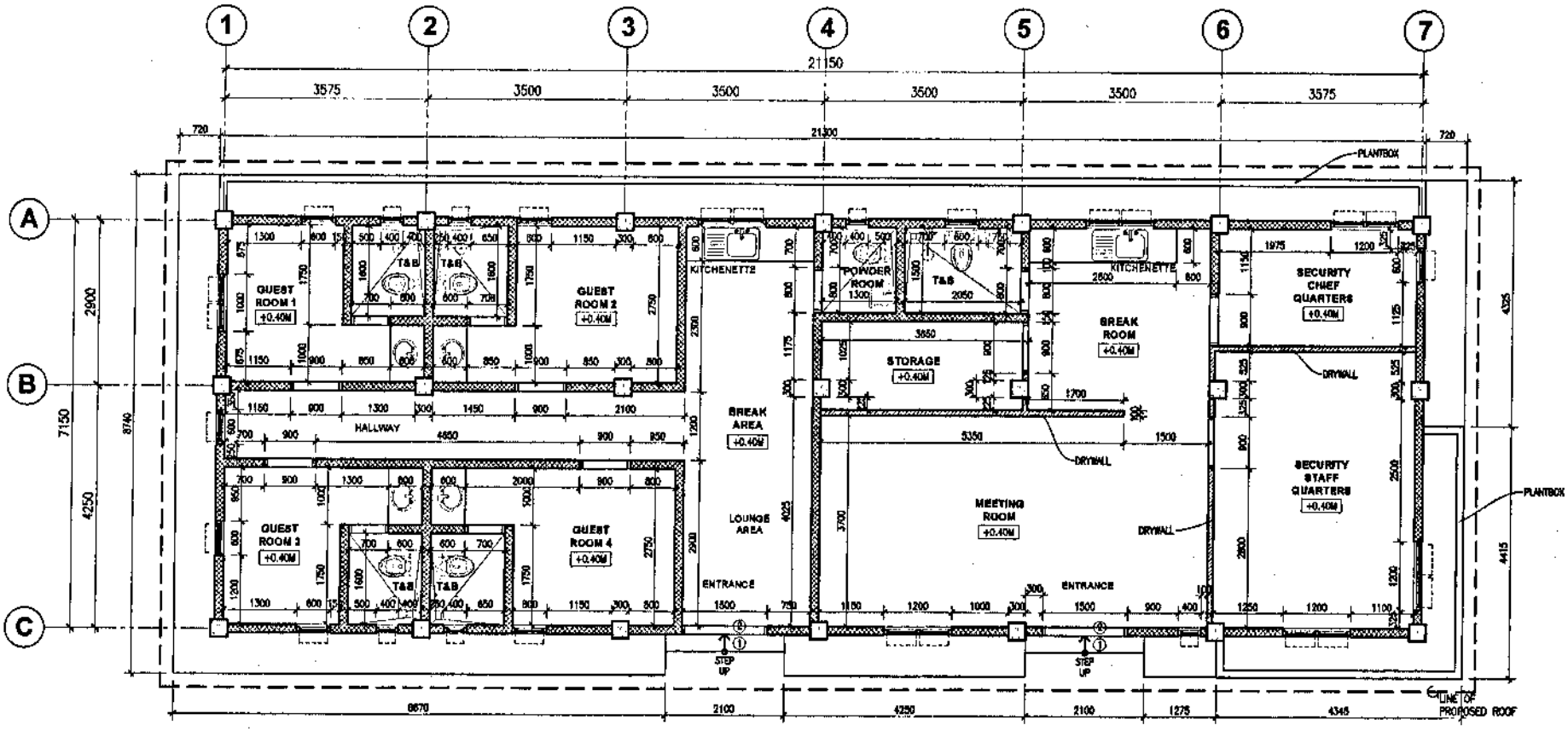
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PORT MANAGEMENT OFFICE OF BICOL
REGIONAL DEPARTMENT COMPLEX, RAWIS, LEGAZPI CITY 4500

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PORT OF TABACO CITY, ALBAY

SHEET NO. 60 / 94

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JUNE 24, 2024



1 GUEST AND SECURITY BUILDING
PARTITION PLAN
SCALE 1:75mts

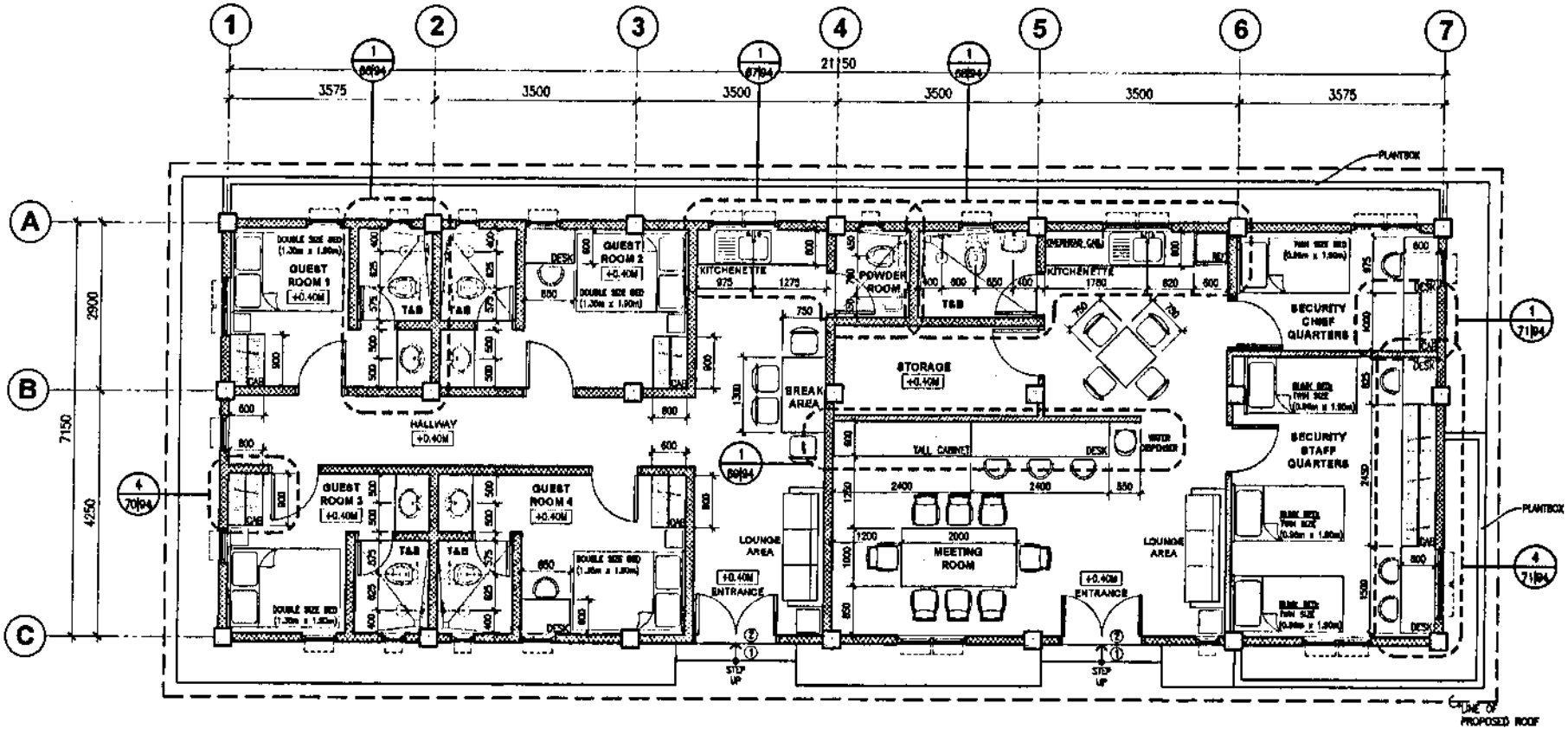
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1 GUEST AND SECURITY BUILDING
FURNITURE PLAN
SCALE 1:75mts

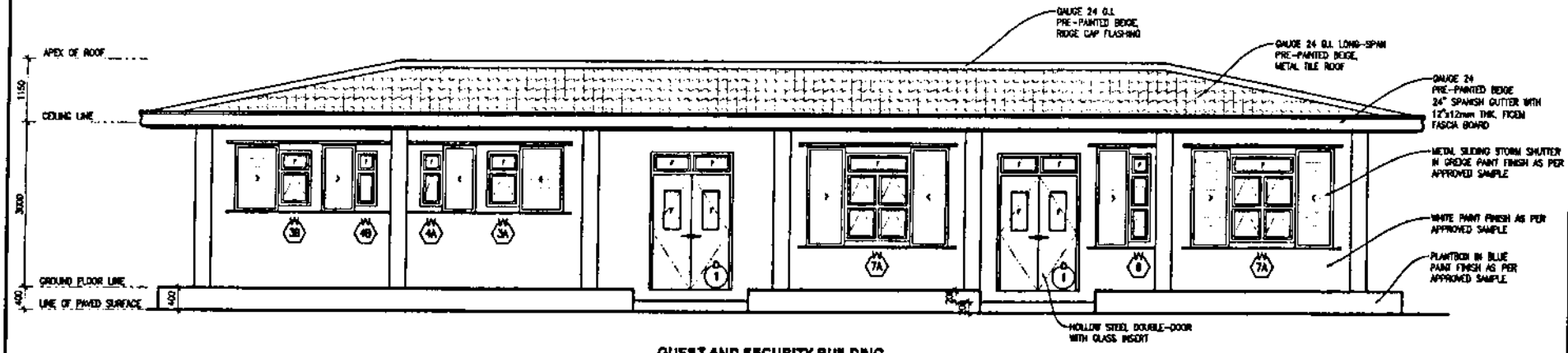
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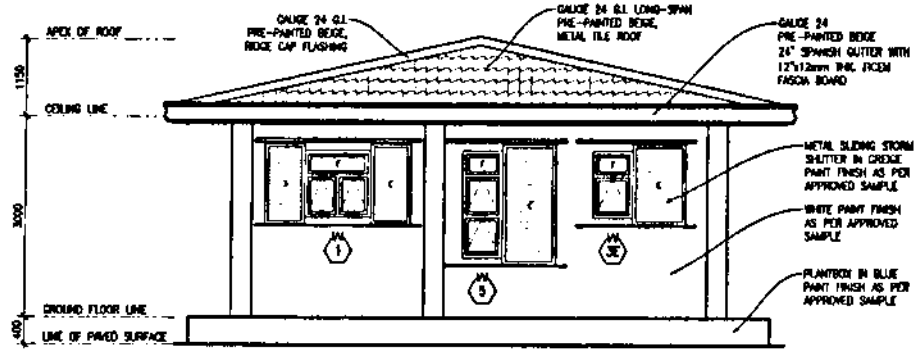
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GUEST AND SECURITY BUILDING

1 FRONT ELEVATION

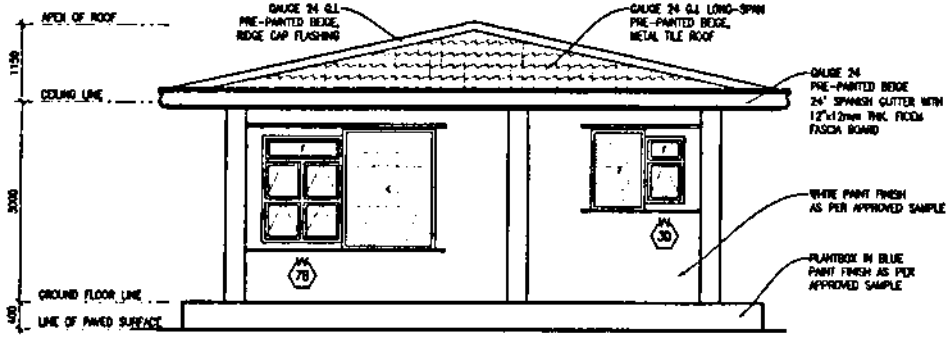
SCALE 1:75mts



GUEST AND SECURITY BUILDING

2 LEFT SIDE ELEVATION

SCALE 1:75mts



GUEST AND SECURITY BUILDING

3 RIGHT SIDE ELEVATION

SCALE 1:75mts

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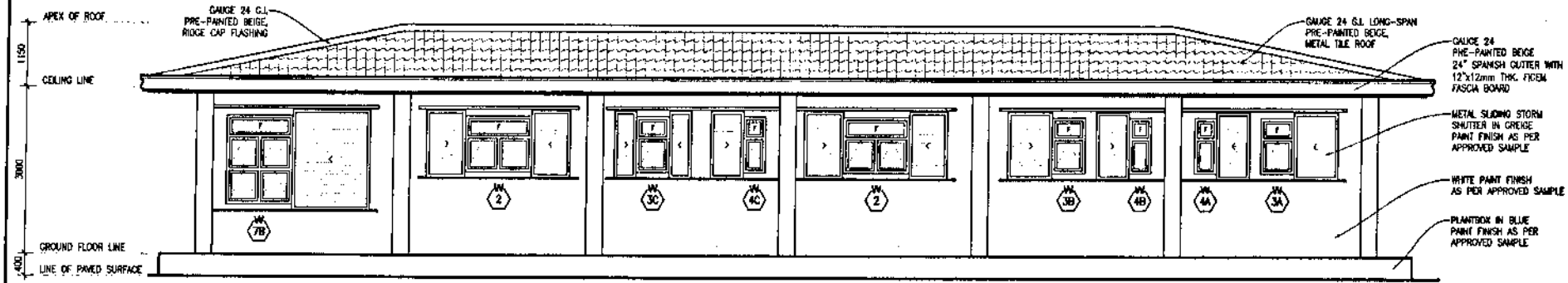
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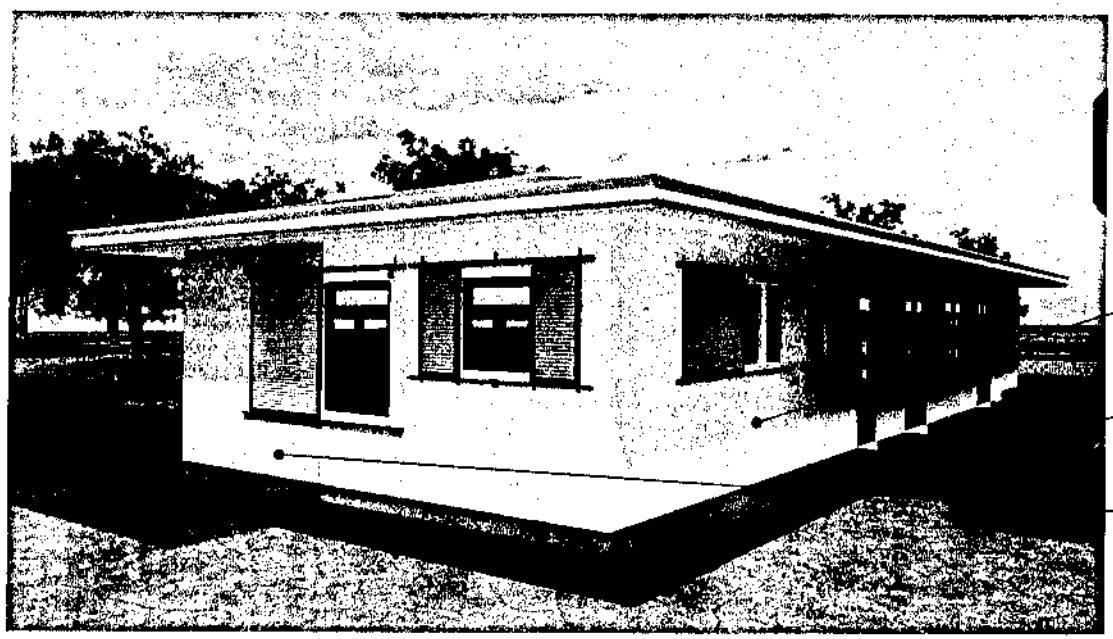
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GUEST AND SECURITY BUILDING

1 REAR ELEVATION

SCALE 1:75mts



SCHEDULE OF WALL PAINT FINISHES	
	COLOR: WHITE SHEEN: GLOSS
	COLOR: SAPPHIRE BLUE SHEEN: SEMI-GLOSS
	COLOR: GREIGE SHEEN: SEMI-GLOSS

GUEST AND SECURITY BUILDING

2 PERSPECTIVE

SCALE NTS

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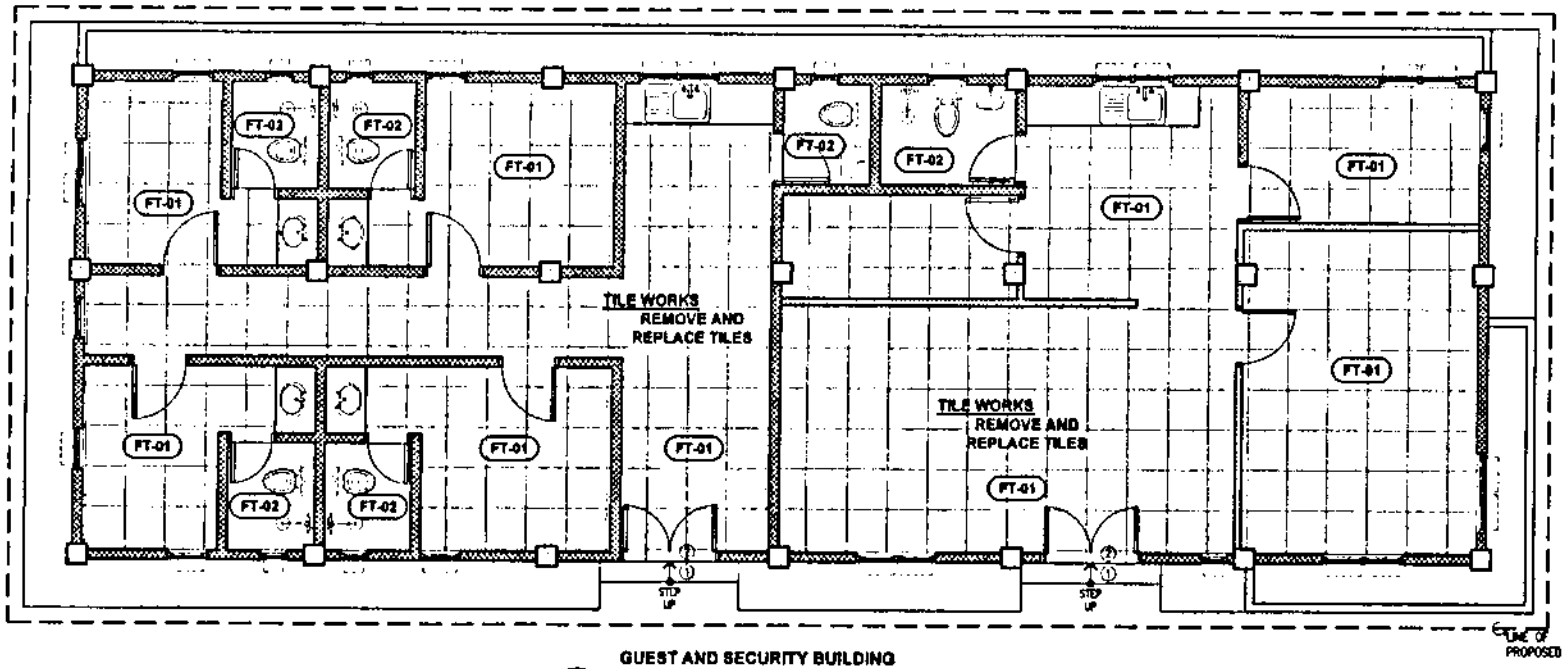
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JUNE 24, 2024



1 GUEST AND SECURITY BUILDING
FLOOR FINISH PLAN
SCALE 1:75mts

FINISH SCHEDULE

FT-01	AREA: 121.00m² SIZE: 60cm x 60cm TYPE: CERAMIC FINISH: GLOSS INSTALLATION: STRAIGHT MATCH	FT-02	AREA: 13.50m² SIZE: 30cm x 30cm TYPE: PORCELAIN FINISH: MATTE/ NON-SKID INSTALLATION: STRAIGHT MATCH

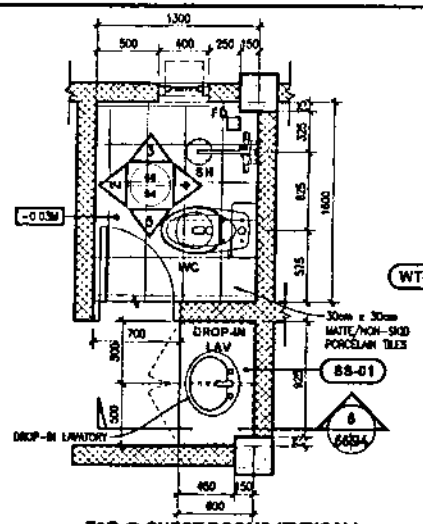
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SHEET NO. 65/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

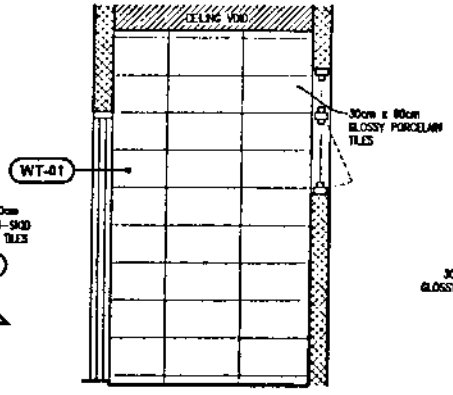
JUNE 24, 2024



T&B @ GUEST ROOMS (TYPICAL)

1 PLAN VIEW

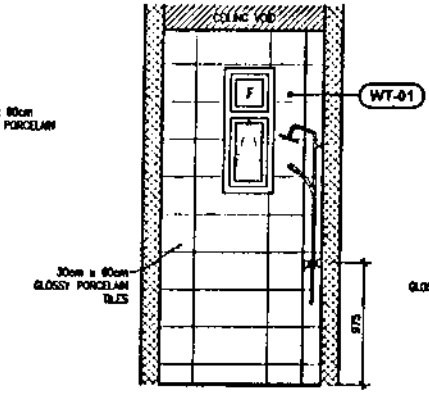
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T&B @ GUEST ROOMS (TYPICAL)

2 ELEVATION

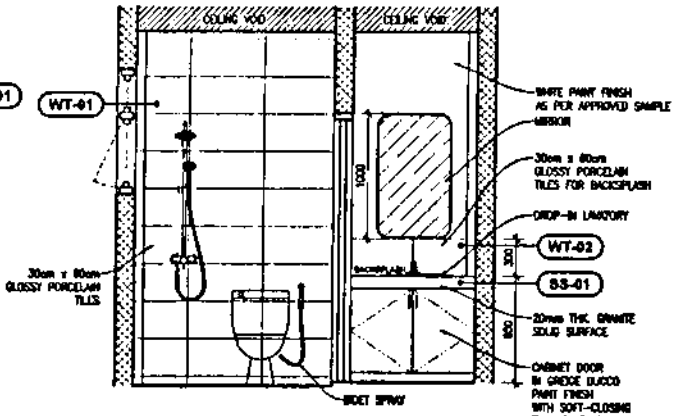
SCALE 1:40mts



T&B @ GUEST ROOMS (TYPICAL)

3 ELEVATION

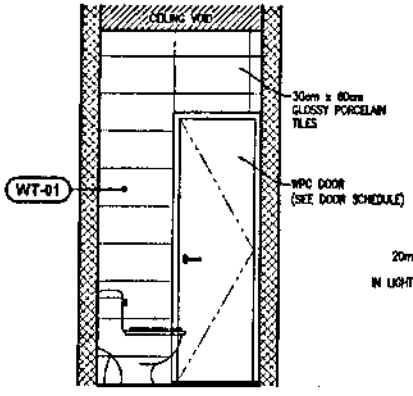
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T&B @ GUEST ROOMS (TYPICAL)

4 ELEVATION

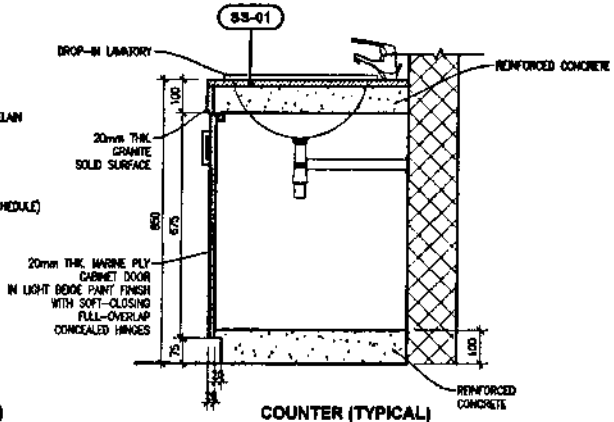
SCALE 1:40mts



T&B @ GUEST ROOMS (TYPICAL)

5 ELEVATION

SCALE 1:40mts



COUNTER (TYPICAL)

6 SECTION

SCALE 1:15mts

PHILIPPINE PORTS AUTHORITY

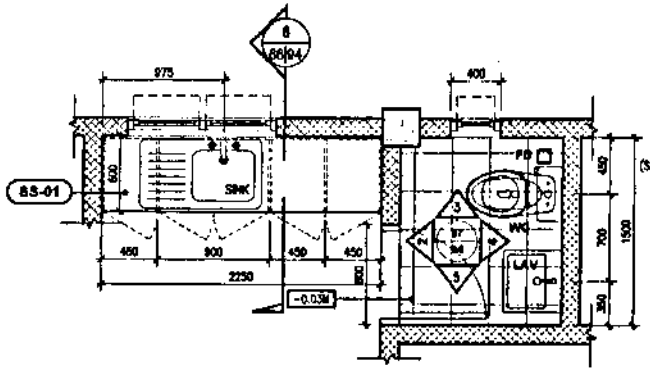
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 66/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

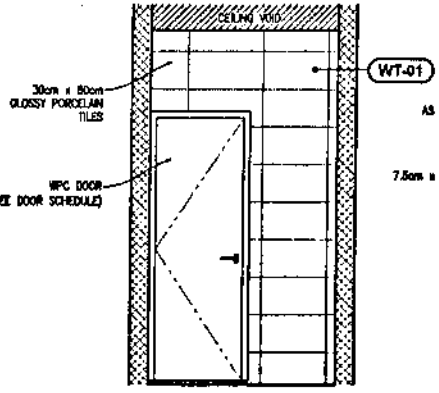
JUNE 24, 2024



POWDER ROOM & KITCHENETTE

1 PLAN VIEW

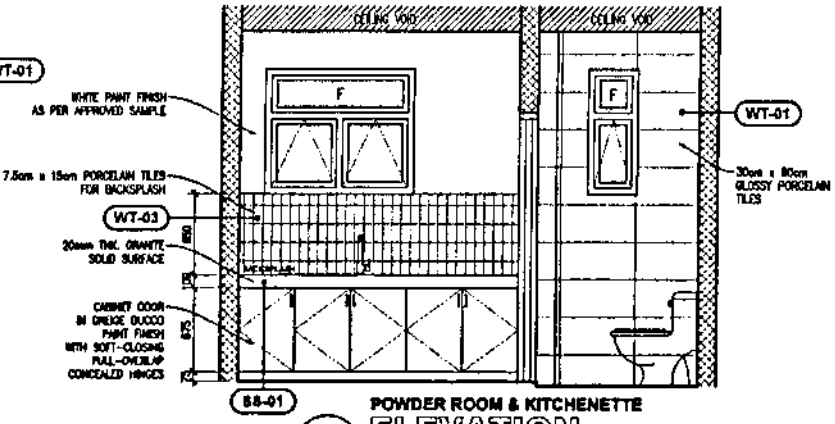
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POWDER ROOM

2 ELEVATION

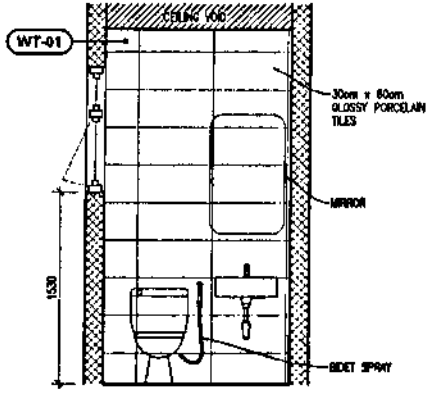
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POWDER ROOM & KITCHENETTE

3 ELEVATION

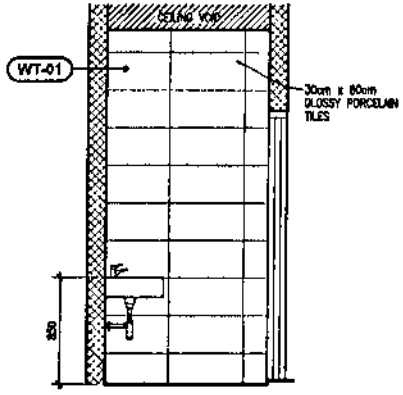
SCALE 1:40mts



POWDER ROOM

4 ELEVATION

SCALE 1:40mts



POWDER ROOM

5 ELEVATION

SCALE 1:40mts

PHILIPPINE PORTS AUTHORITY

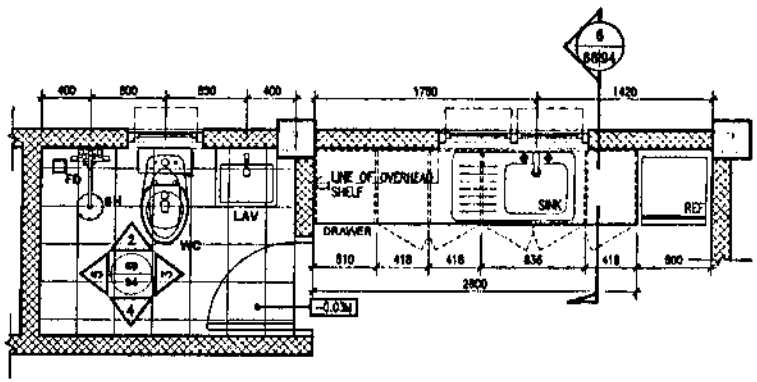
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
BARIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 67/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LEONO L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REGONDO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

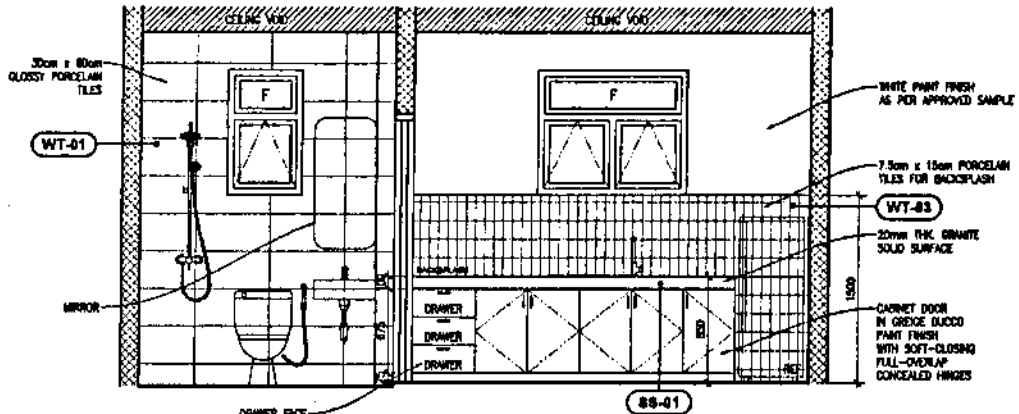
JUNE 24, 2024



T&B AND KITCHENETTE @ SECURITY

1 **PLAN VIEW**

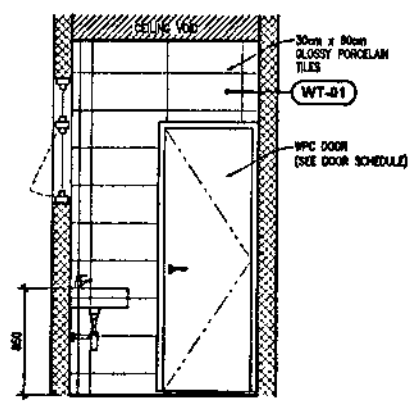
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T&B AND KITCHENETTE @ SECURITY

2 **ELEVATION**

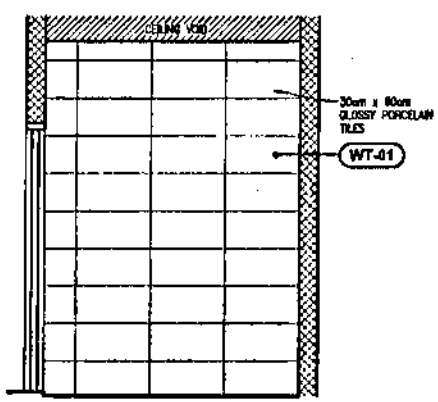
SCALE 1:40mts



T&B @ SECURITY

3 **ELEVATION**

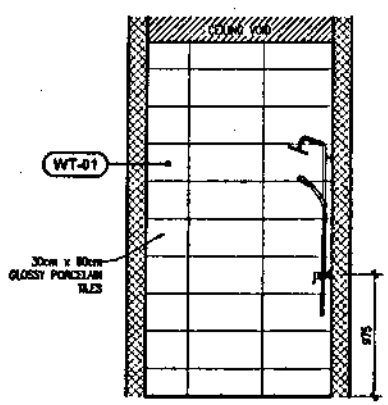
SCALE 1:40mts



T&B @ SECURITY

4 **ELEVATION**

SCALE 1:40mts



T&B @ SECURITY

5 **ELEVATION**

SCALE 1:40mts

FINISH SCHEDULE	
WALL TILE	
WT-01	AREA: 80m² SIZE: 30cm x 60cm TYPE: PORCELAIN FINISH: GLOSS INSTALLATION: STACKED HORIZONTAL GROUT JOINT: 2mm
WT-02	AREA: 1.25m² SIZE: 30cm x 60cm TYPE: PORCELAIN FINISH: GLOSS INSTALLATION: STACKED HORIZONTAL GROUT JOINT: 2mm
WT-03	AREA: 4.25m² SIZE: 7.5cm x 15cm TYPE: PORCELAIN – SUBWAY TILES FINISH: GLOSS INSTALLATION: STACKED VERTICAL GROUT JOINT: 2mm
SOLID SURFACE	
SS-01	AREA: 4.25m² THICKNESS: 20mm TYPE: GRANITE COLOR: JET/MONGOLIAN BLACK FINISH: POLISHED PROFILE: EASED EDGE

PHILIPPINE PORTS AUTHORITY

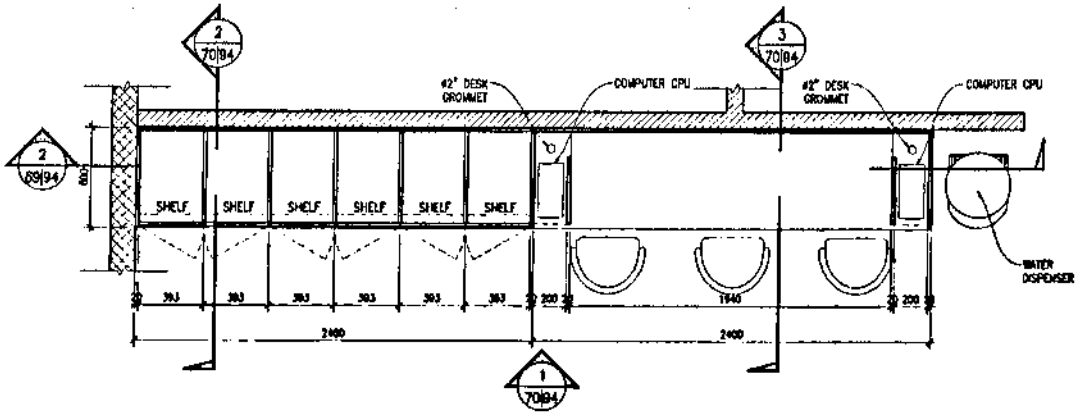
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 68/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SIMSON-EQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

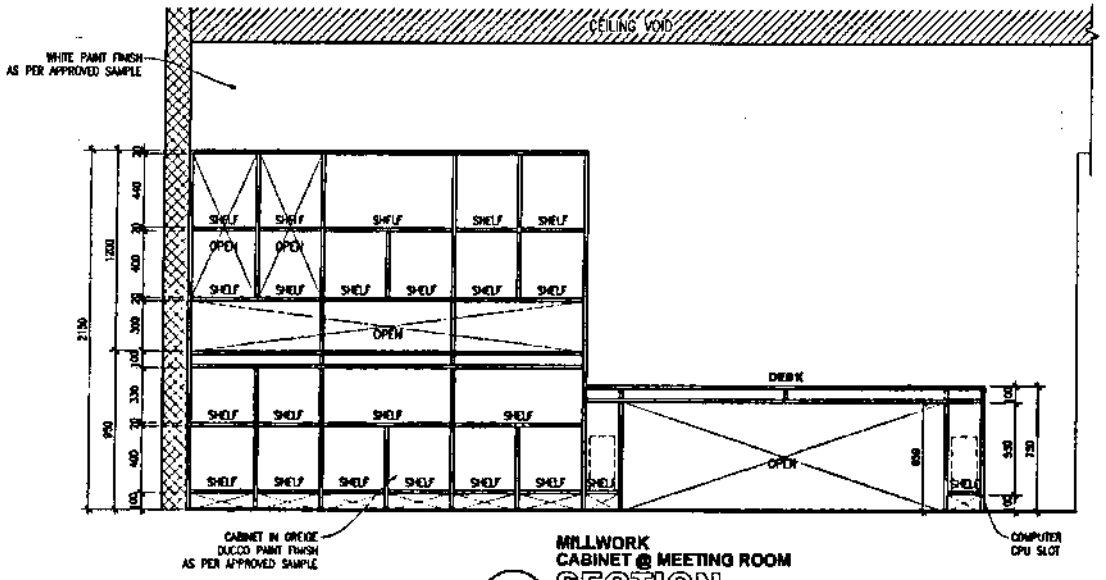
JUNE 24, 2024



MILLWORK
CABINET @ MEETING ROOM

1 **PLAN VIEW**

SCALE 1:30mts

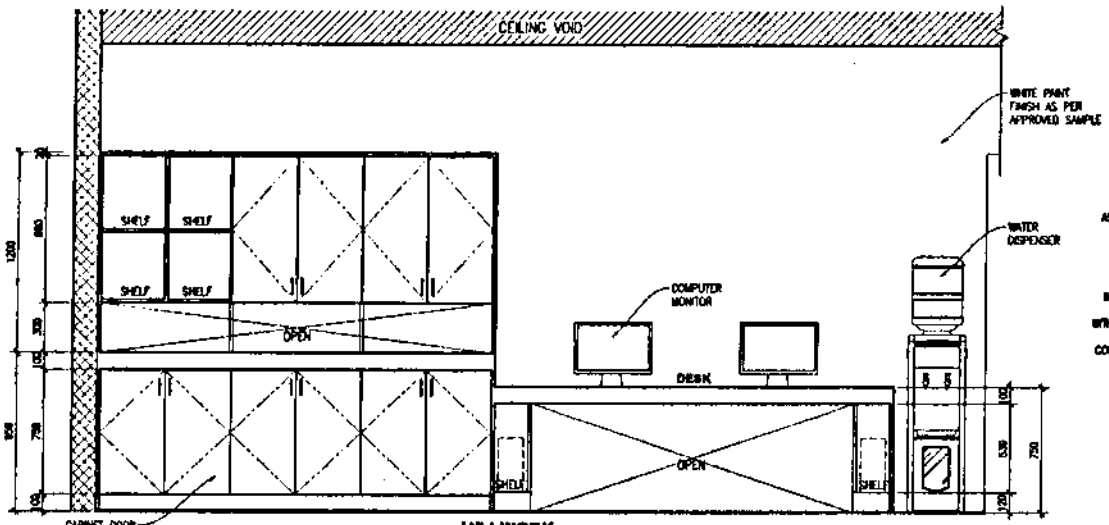


MILLWORK
CABINET @ MEETING ROOM

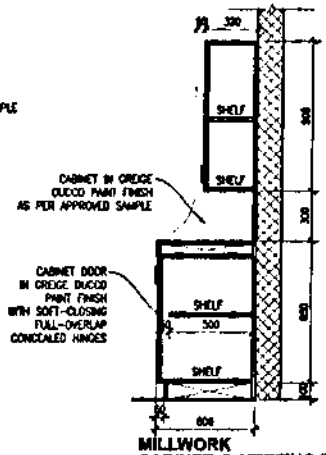
2 **SECTION**

SCALE 1:30mts

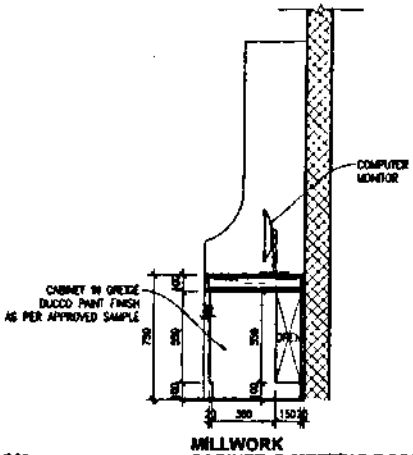
PHILIPPINE PORTS AUTHORITY PORT MANAGEMENT OFFICE OF BICOL REGIONAL GOVERNMENT CENTER, RAWIS, LEGAZPI CITY 4500	PROJECT TITLE IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING PORT OF TABACO CITY, ALBAY			SHEET NO. 69 94
PREPARED BY AGAPITO LLOYD L. TALAY, uap ARCHITECT II	CHECKED/REVIEWED BY CHRISTOPHER M. CADAG SUPERVISING ENGINEER A	RECOMMENDING APPROVAL JOHN S. DE LOS SANTOS ACTING DIVISION MANAGER A, ESD	APPROVED MA. MAGNOLIA SINSON-RAQUEJO PORT MANAGER	JUNE 24, 2024



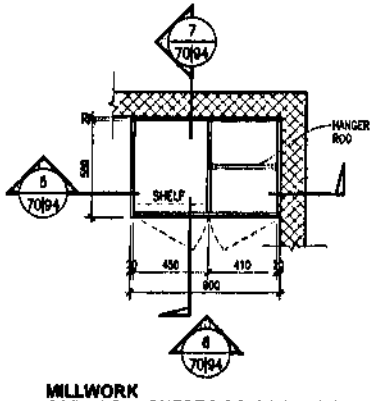
MILLWORK CABINET @ MEETING ROOM
1 ELEVATION
SCALE 1:30mts



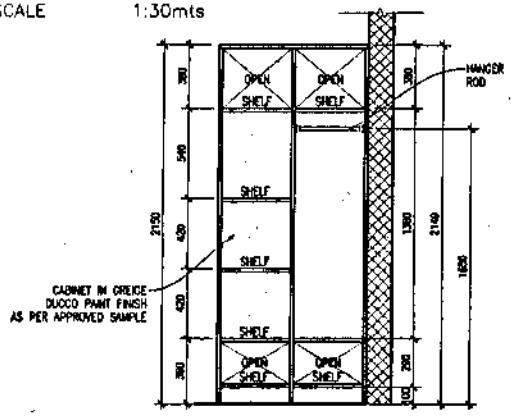
MILLWORK CABINET @ MEETING ROOM
2 SECTION
SCALE 1:30mts



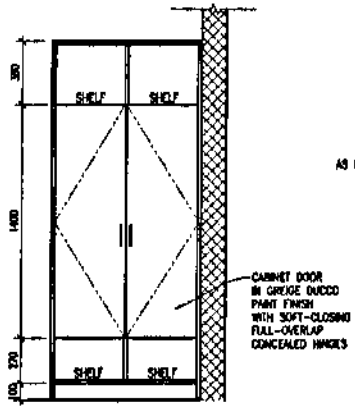
MILLWORK CABINET @ MEETING ROOM
3 SECTION
SCALE 1:30mts



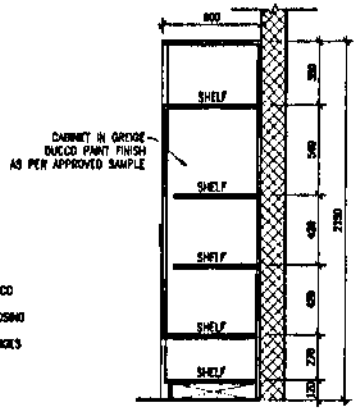
MILLWORK CABINET @ GUEST ROOM 1,2,3, AND 4
4 PLAN VIEW (TYPICAL)
SCALE 1:30mts



MILLWORK CABINET @ GUEST ROOM 1,2,3, AND 4
5 SECTION
SCALE 1:30mts



MILLWORK CABINET @ GUEST ROOM 3&4
6 ELEVATION
SCALE 1:30mts



MILLWORK CABINET @ GUEST ROOM/SECURITY
7 SECTION (TYPICAL)
SCALE 1:30mts

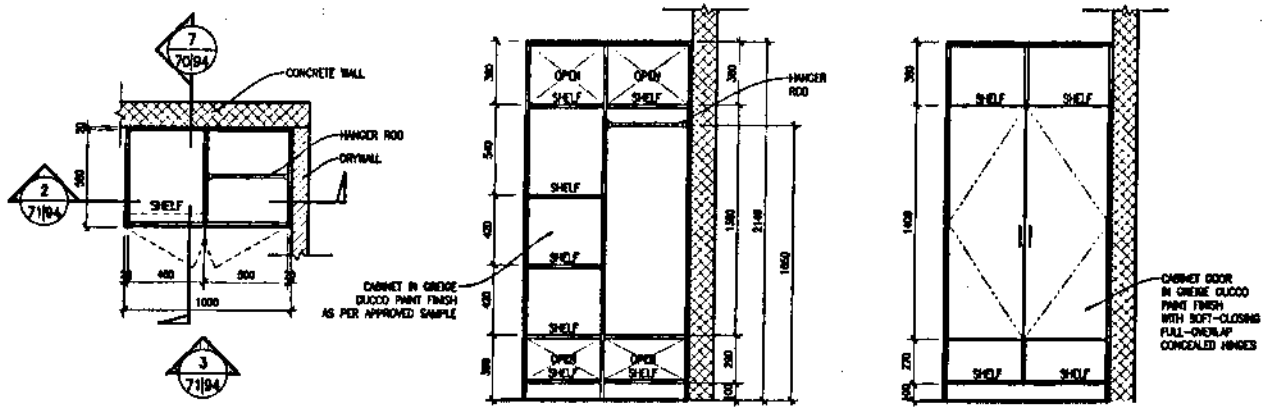
PHILIPPINE PORTS AUTHORITY
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER, RAWIS, LEGAZPI CITY, 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 70/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD II TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-NEQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

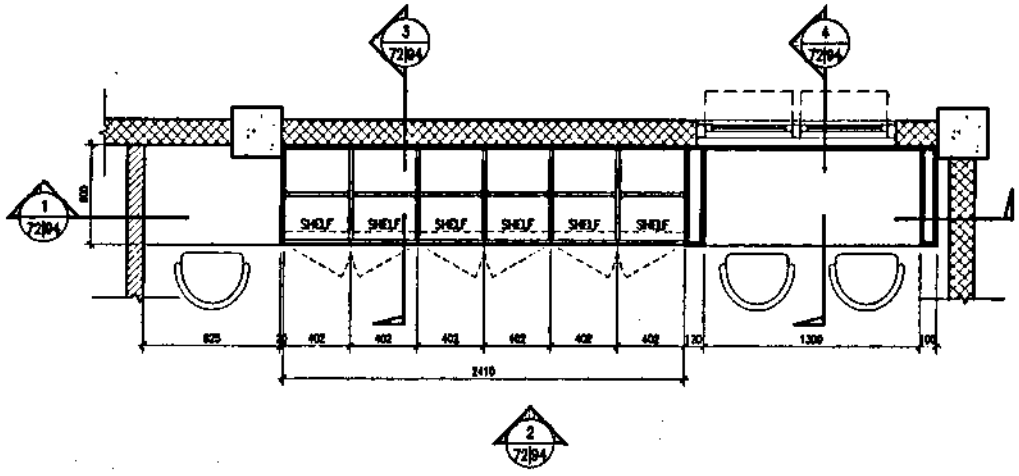
JUNE 24, 2024



MILLWORK
CABINET @ SECURITY CHIEF ROOM
1 PLAN VIEW
SCALE 1:30mts

MILLWORK
CABINET @ SECURITY CHIEF ROOM
2 SECTION
SCALE 1:30mts

MILLWORK
CABINET @ SECURITY CHIEF ROOM
3 SECTION
SCALE 1:30mts



MILLWORK
CABINET @ SECURITY STAFF QUARTERS
4 PLAN VIEW
SCALE 1:30mts

PHILIPPINE PORTS AUTHORITY

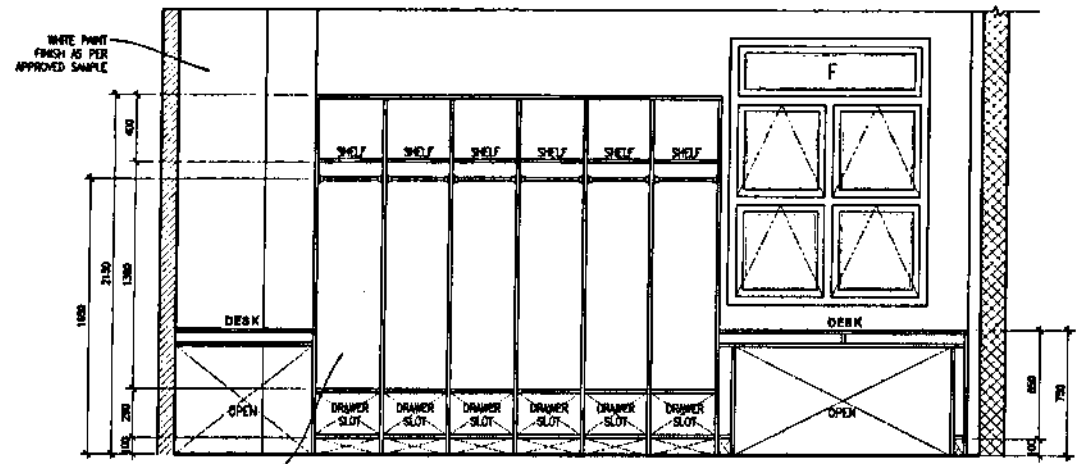
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RIMBO, LEGAZPI CITY, 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

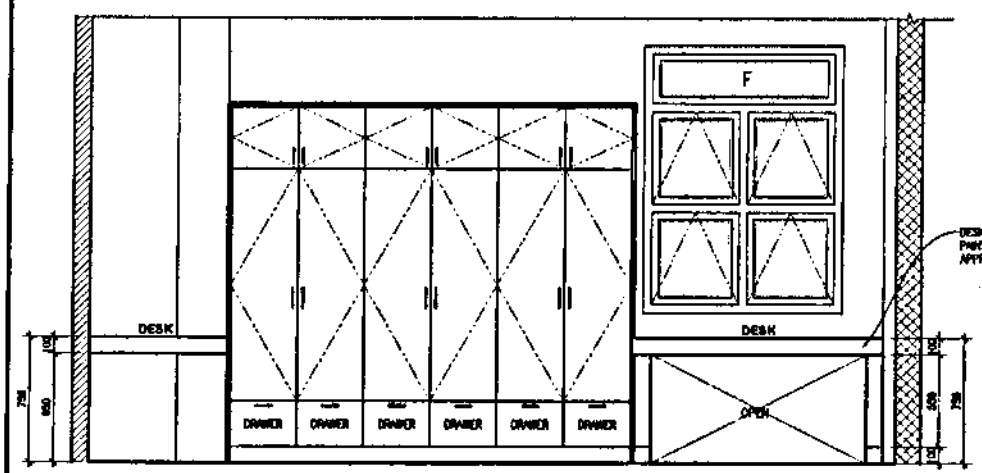
SHEET NO. 71/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSUAT-REQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

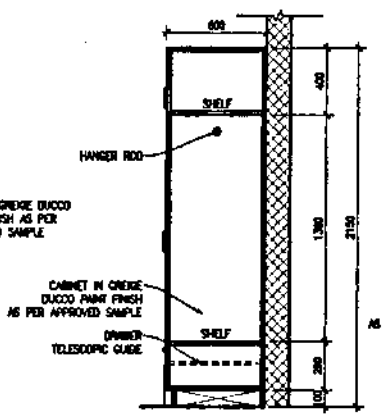
JUNE 24, 2024



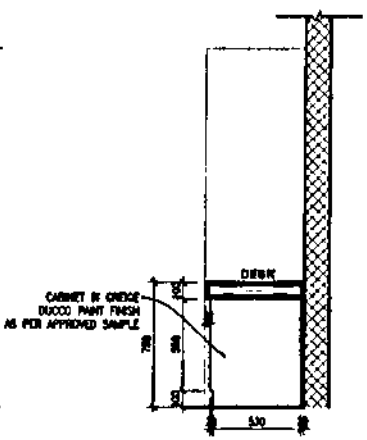
MILLWORK
CABINET @ SECURITY STAFF QUARTERS
1 SECTION
SCALE 1:30mts



MILLWORK
CABINET @ SECURITY STAFF QUARTERS
2 ELEVATION
SCALE 1:30mts



MILLWORK
CABINET @ SECURITY STAFF QUARTERS
3 SECTION
SCALE 1:30mts



MILLWORK
CABINET @ SECURITY STAFF QUARTERS
4 SECTION
SCALE 1:30mts

PHILIPPINE PORTS AUTHORITY

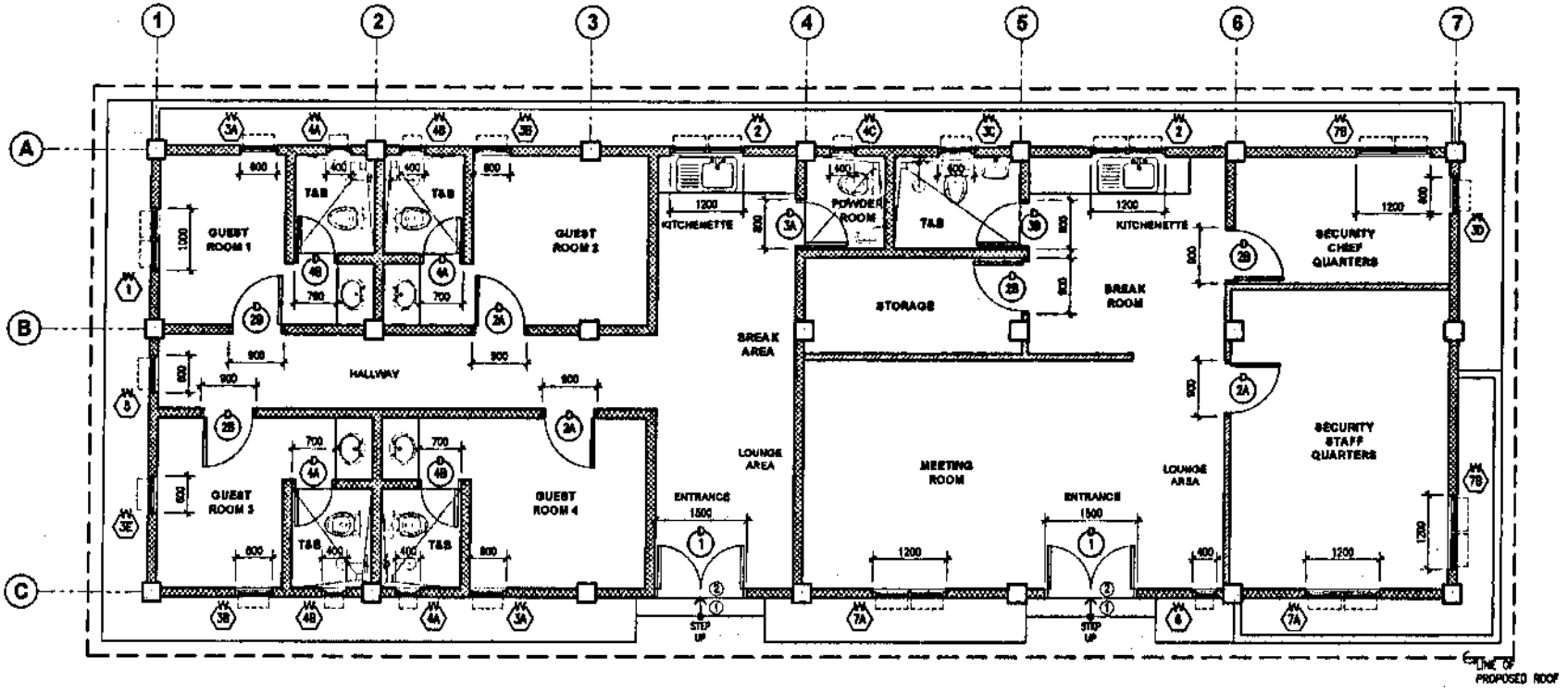
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER
RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 72/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LYDDO L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



GUEST AND SECURITY BUILDING

1 DOOR AND WINDOW LAYOUT

SCALE 1:75mts

PHILIPPINE PORTS AUTHORITY

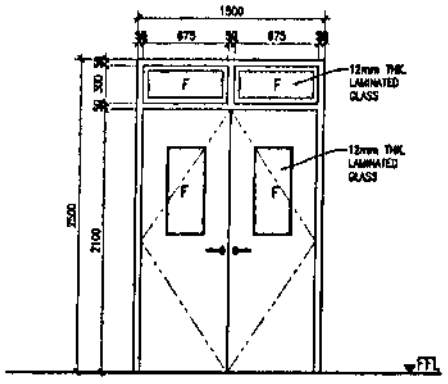
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

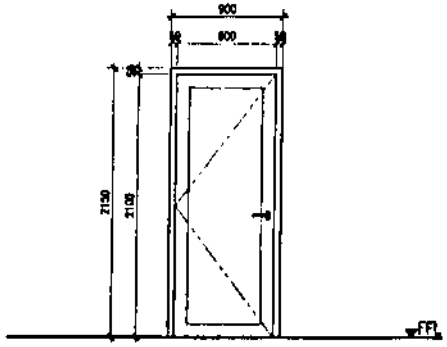
SHEET NO. 73/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

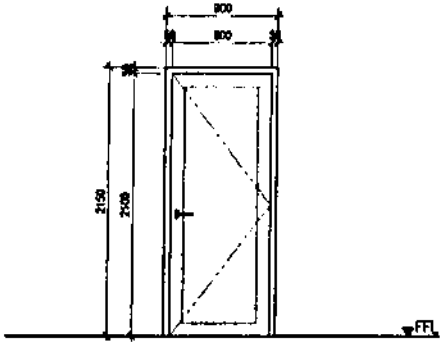
JUNE 24, 2024



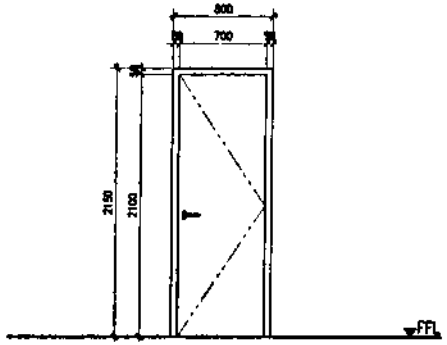
1
TYPE: HOLLOW STEEL DOOR W/ GLASS INSERT
MATERIAL: POWDER COATED STEEL W/ LAMINATED GLASS INSERT
JAMB: STEEL
LOCATION: GUEST AND SECURITY ENTRANCE
REQUIRED: 2



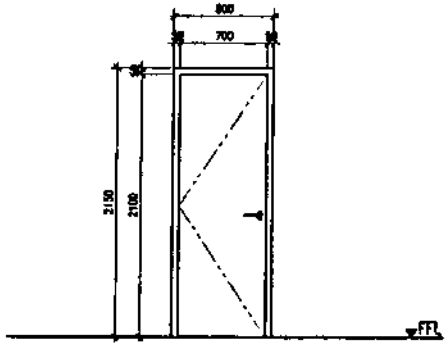
2A
TYPE: PANEL DOOR W/ 19mm GROOVE
MATERIAL: HARDWOOD
JAMB: HARDWOOD
LOCATION: GUEST ROOM 2 & 4 AND SECURITY STAFF QUARTERS
REQUIRED: 3



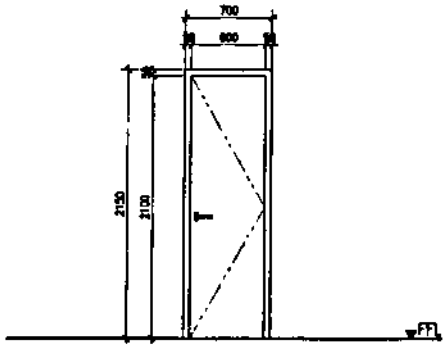
2B
TYPE: PANEL DOOR W/ 19mm GROOVE
MATERIAL: HARDWOOD
JAMB: HARDWOOD
LOCATION: GUEST ROOM 1 & 3, SECURITY CHIEF QUARTERS, AND STORAGE
REQUIRED: 4



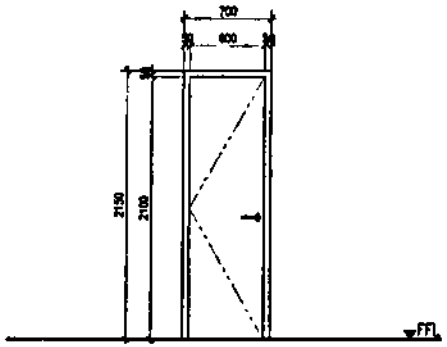
3A
TYPE: WOOD PLASTIC COMPOSITE DOOR (WPC)
MATERIAL: WOOD PLASTIC COMPOSITE
JAMB: WOOD PLASTIC COMPOSITE
LOCATION: POWDER ROOM
REQUIRED: 1



3B
TYPE: PLAIN WOOD PLASTIC COMPOSITE DOOR (WPC)
MATERIAL: WOOD PLASTIC COMPOSITE
JAMB: WOOD PLASTIC COMPOSITE
LOCATION: T&B @ SECURITY QUARTERS
REQUIRED: 1



4A
TYPE: PLAIN WOOD PLASTIC COMPOSITE DOOR (WPC)
MATERIAL: WOOD PLASTIC COMPOSITE
JAMB: WOOD PLASTIC COMPOSITE
LOCATION: T&B @ GUEST ROOM 2 & 3
REQUIRED: 2



4B
TYPE: PLAIN WOOD PLASTIC COMPOSITE DOOR (WPC)
MATERIAL: WOOD PLASTIC COMPOSITE
JAMB: WOOD PLASTIC COMPOSITE
LOCATION: T&B @ GUEST ROOM 1 & 4
REQUIRED: 2

GENERAL NOTE:
ALL DOORS SHOULD BE INSTALLED WITH 316 STAINLESS STEEL MARINE GRADE HARDWARE.
DOOR HANDLES SHOULD BE LEVER-TYPE.

1 DOOR SCHEDULE
SCALE 1:40mts

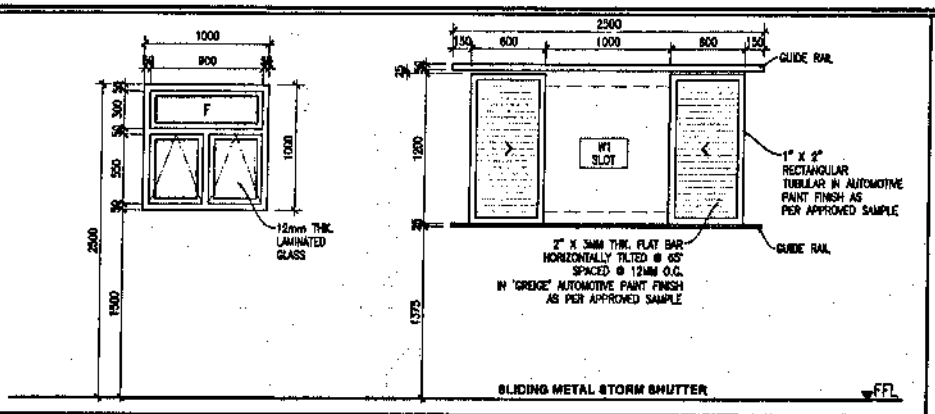
PHILIPPINE PORTS AUTHORITY
PORT MANAGEMENT OFFICE OF BICOL
ROXAS BOULEVARD CENTER, ARIES, LEGAZPI CITY 4500

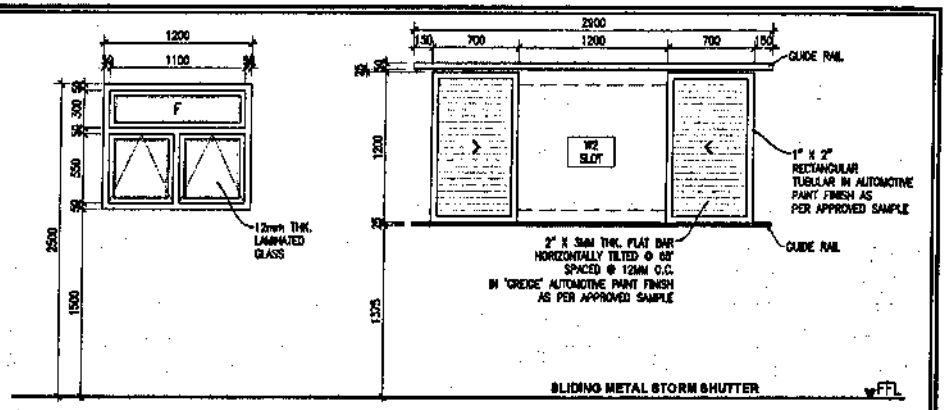
PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 74/94

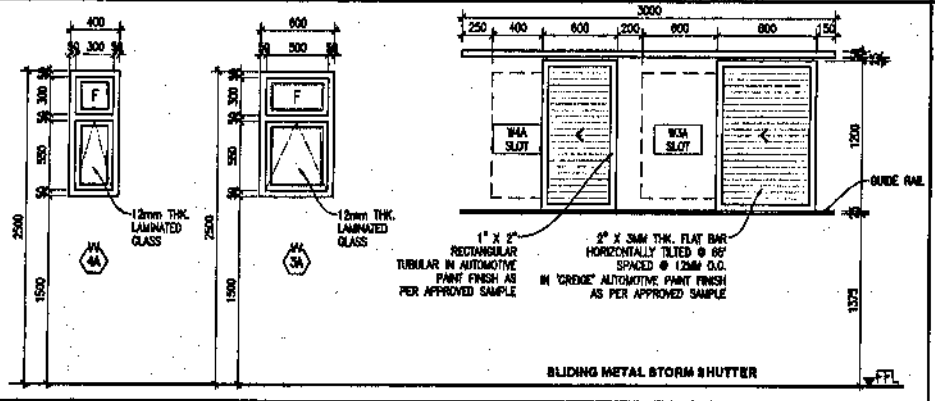
PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LEOTO L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

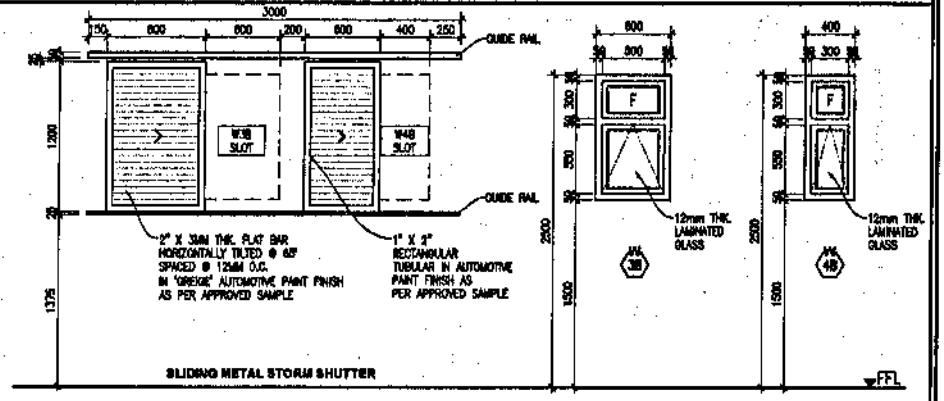
JUNE 24, 2024





1	2
TYPE: AWNING W/ TRANSOM WINDOW	TYPE: AWNING W/ TRANSOM WINDOW
MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE
JAMB: uPVC	JAMB: uPVC
LOCATION: GUEST ROOM 1	LOCATION: KITCHENETTE @ GUEST AREA AND KITCHENETTE @ SECURITY AREA
REQUIRED: 1	REQUIRED: 2





3A	4A	3B	4B
TYPE: AWNING W/ TRANSOM WINDOW	TYPE: AWNING W/ TRANSOM WINDOW	TYPE: AWNING W/ TRANSOM WINDOW	TYPE: AWNING W/ TRANSOM WINDOW
MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE
JAMB: uPVC	JAMB: uPVC	JAMB: uPVC	JAMB: uPVC
LOCATION: GUEST ROOM 1 & 4	LOCATION: T&B @ GUEST ROOM 1 & 4	LOCATION: GUEST ROOM 2 & 3	LOCATION: T&B @ GUEST ROOM 2 & 3
REQUIRED: 2	REQUIRED: 2	REQUIRED: 2	REQUIRED: 2

1 WINDOW SCHEDULE

SCALE 1:40mts

PHILIPPINE PORTS AUTHORITY

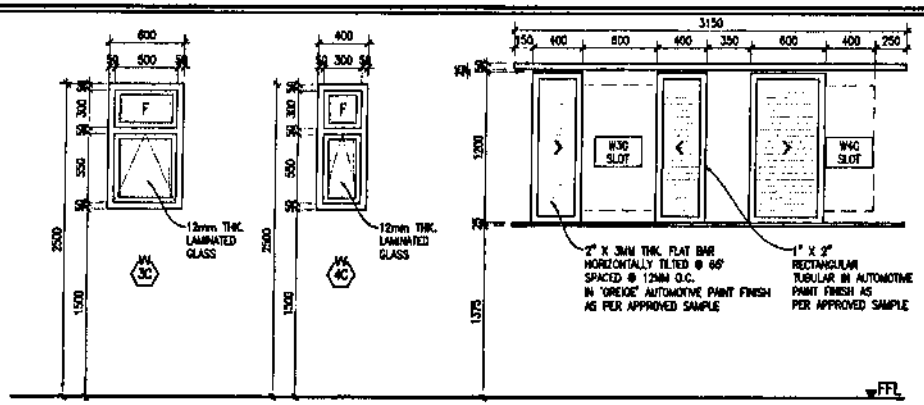
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

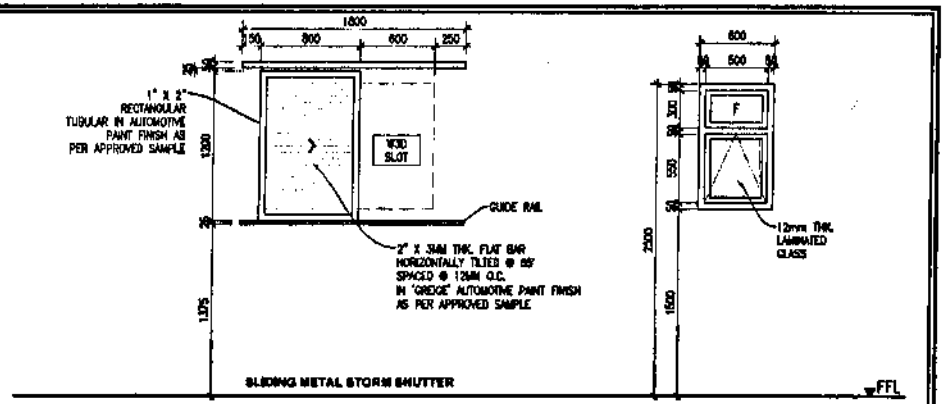
PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 75/94

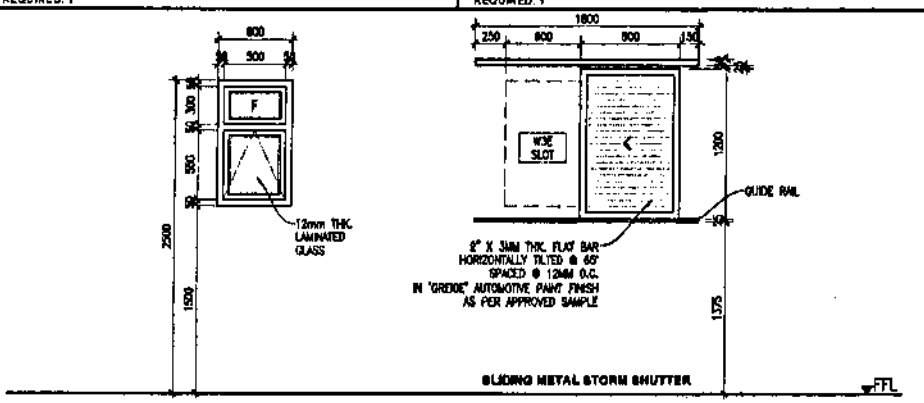
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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

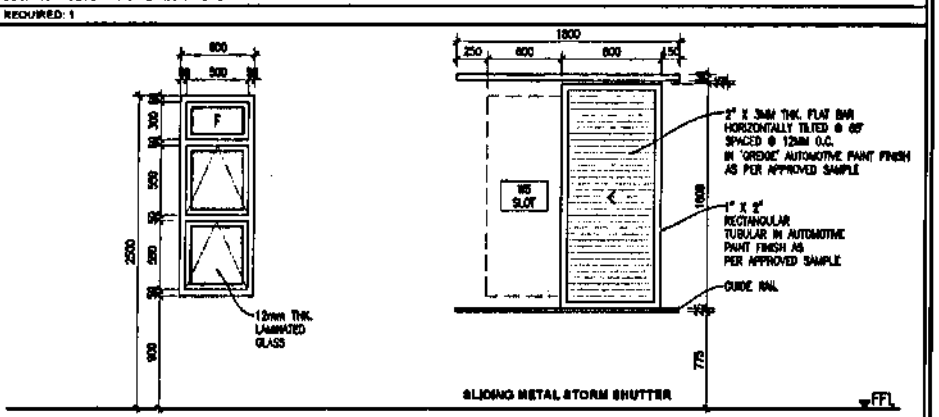
JUNE 24, 2024





3C	4C	3D
TYPE: AWNING W/ TRANSOM WINDOW	TYPE: AWNING W/ TRANSOM WINDOW	TYPE: AWNING W/ TRANSOM WINDOW
MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE
JAMB: uPVC	JAMB: uPVC	JAMB: uPVC
LOCATION: T&B @ SECURITY	LOCATION: POWDER ROOM	LOCATION: SECURITY CHIEF QUARTERS
REQUIRED: 1	REQUIRED: 1	REQUIRED: 1





3E	6
TYPE: AWNING W/ TRANSOM WINDOW	TYPE: AWNING W/ TRANSOM WINDOW
MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE
JAMB: uPVC	JAMB: uPVC
LOCATION: GUEST ROOM 3	LOCATION: HALLWAY
REQUIRED: 1	REQUIRED: 1

1 WINDOW SCHEDULE

SCALE 1:40mts

PHILIPPINE PORTS AUTHORITY

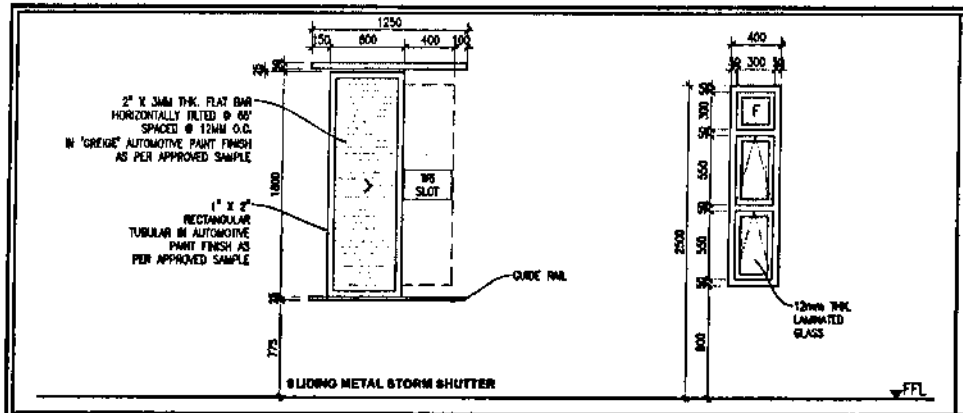
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 76/94

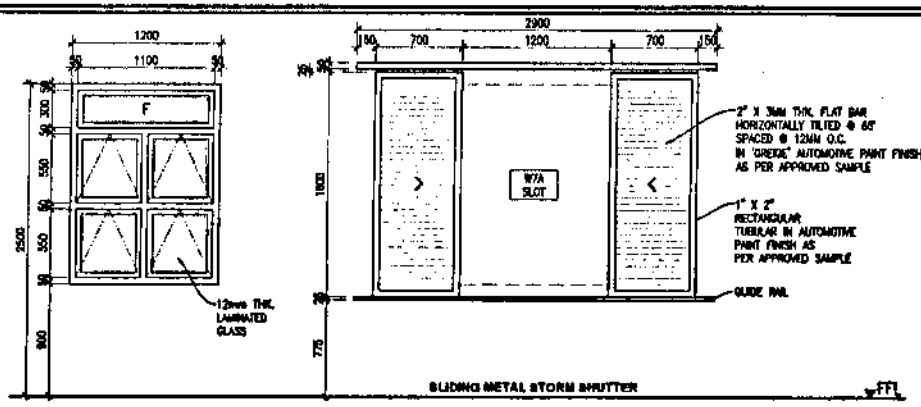
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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



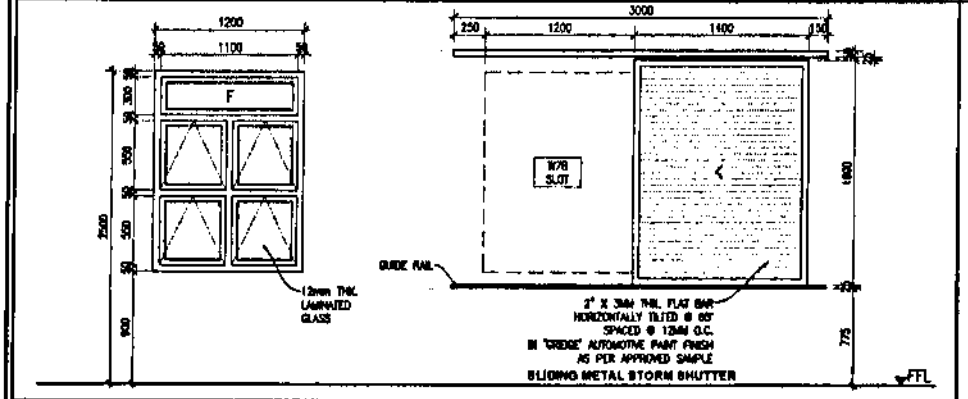
W5

TYPE: AWNING W/ TRANSOM WINDOW	
MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	
JAMB: uPVC	
LOCATION: MEETING ROOM @ SECURITY AREA	
REQUIRED: 1	



W7A

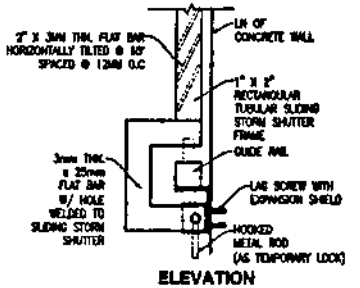
TYPE: AWNING W/ TRANSOM WINDOW	
MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	
JAMB: uPVC	
LOCATION: MEETING ROOM @ SECURITY AND SECURITY STAFF QUARTERS	
REQUIRED: 2	

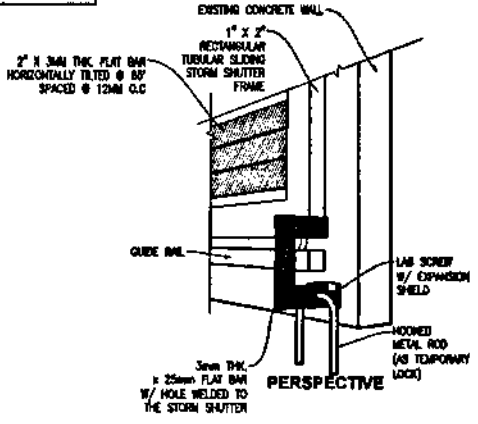


W7B

TYPE: AWNING W/ TRANSOM WINDOW	
MATERIAL: uPVC FRAME W/ LAMINATED WINDOW PANE	
JAMB: uPVC	
LOCATION: SECURITY STAFF QUARTERS AND SECURITY CHIEF QUARTERS	
REQUIRED: 2	

GENERAL NOTE:
ALL SLIDING METAL STORM SHUTTERS SHOULD BE INSTALLED WITH TEMPORARY LOCK ON BOTH ENDS TO PREVENT THE MECHANISM FROM SLIDING OFF WHEN SHUT.





SLIDING METAL STORM SHUTTER (TYPICAL)

1 WINDOW SCHEDULE
SCALE 1:40mts

2 LOCK DETAIL
SCALE 1:5mts

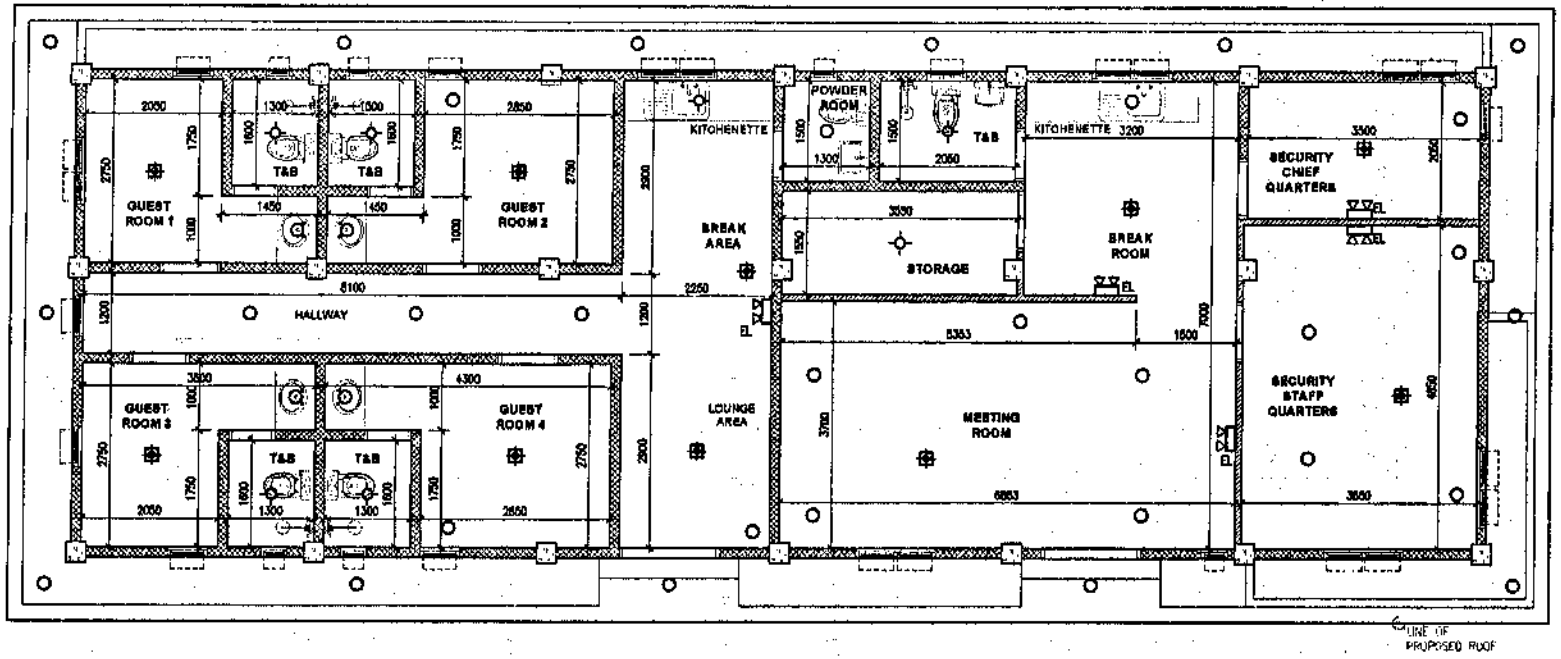
PHILIPPINE PORTS AUTHORITY
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNANCE CENTER, RAWIS, LEGAZPI CITY 4500

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SHEET NO. 77 / 94

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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



GUEST AND SECURITY BUILDING

1 REFLECTED CEILING PLAN

SCALE 1:75mts

CEILING	
AREA: 191m²	
USE: 1/4" THK. MARINE PLYWOOD ON 2"x2" WOODEN JOIST SPACED @ 400mm O.C. IN APPROVED PAINT FINISH	
GENERAL NOTE: REMOVE AND REPLACE ALL CEILING ON-SITE	
LIGHTING FIXTURES	
✧	TYPE: 10W LED LAMP W/ 6" WHITE RECESSED CASING LIGHT COLOR: COOL WHITE QUANTITY: 7 SETS
○	TYPE: 7W LED LAMP W/ 6" WHITE RECESSED CASING LIGHT COLOR: COOL WHITE QUANTITY: 35 SETS
⊕	TYPE: RECESSED 12W LED LAMP LIGHT COLOR: DAYLIGHT QUANTITY: 10 SETS
⧖	TYPE: TWIN-HEAD LED EMERGENCY LIGHT LIGHT COLOR: COOL WHITE QUANTITY: 5 SETS

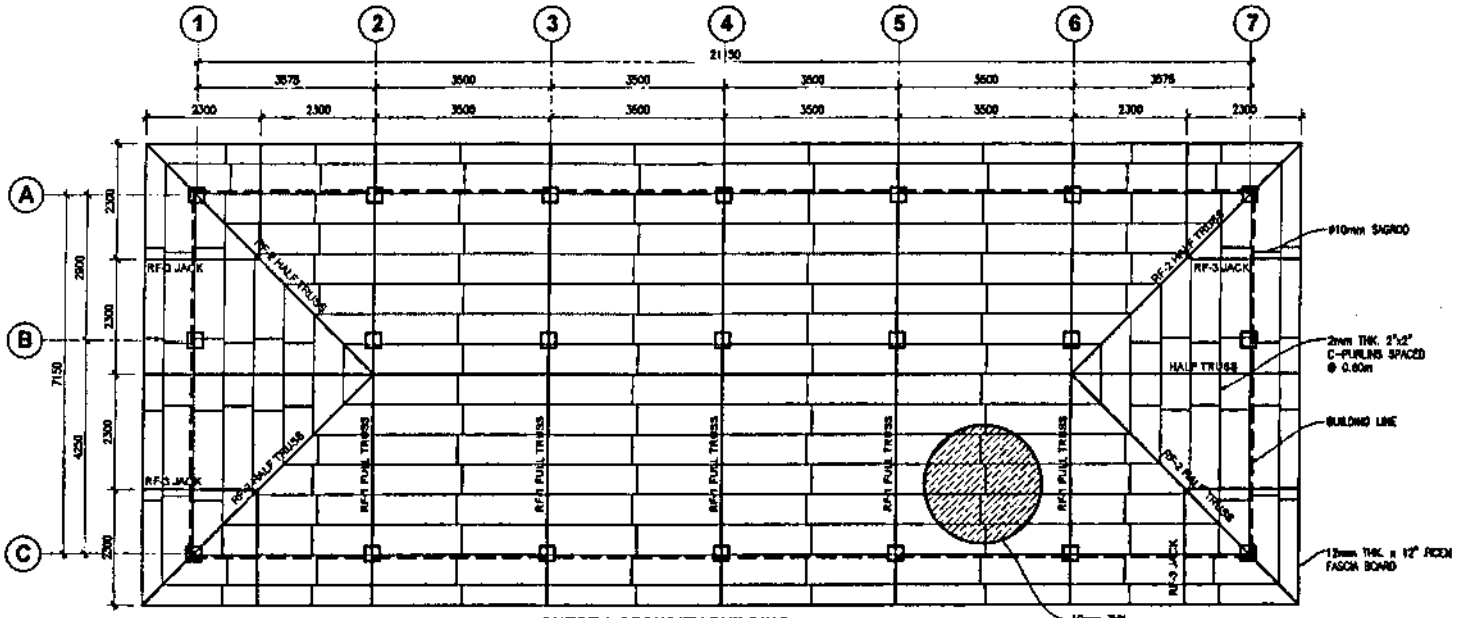
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REGIONAL GOVERNMENT CENTER, RAWIS, LEGAZPI CITY 4500

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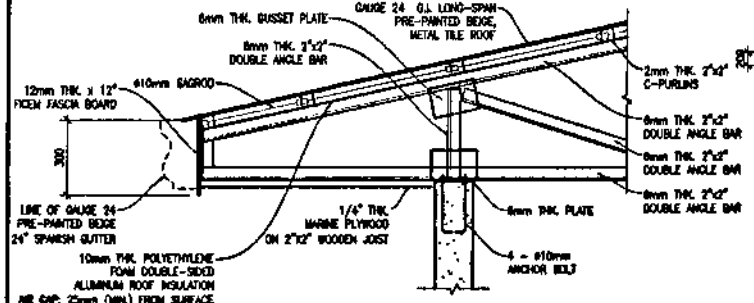
JUNE 24, 2024



GUEST & SECURITY BUILDING

1 ROOF FRAMING PLAN

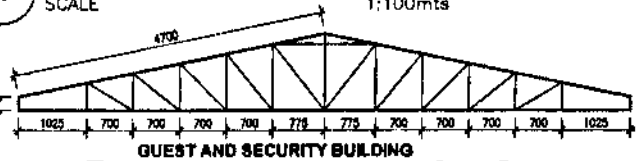
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GUEST & SECURITY BUILDING

2 TRUSS DETAIL (TYPICAL)

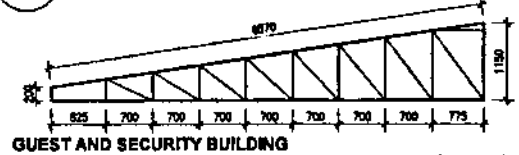
SCALE NTS



GUEST AND SECURITY BUILDING

3 FULL TRUSS SECTION

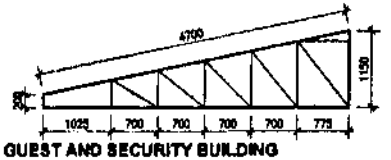
SCALE 1:75mts



GUEST AND SECURITY BUILDING

4 HALF TRUSS (RF-2) SECTION

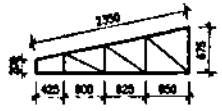
SCALE 1:75mts



GUEST AND SECURITY BUILDING

5 HALF TRUSS SECTION

SCALE 1:75mts



GUEST AND SECURITY BUILDING

6 JACK RAFTER SECTION

SCALE 1:75mts

PHILIPPINE PORTS AUTHORITY

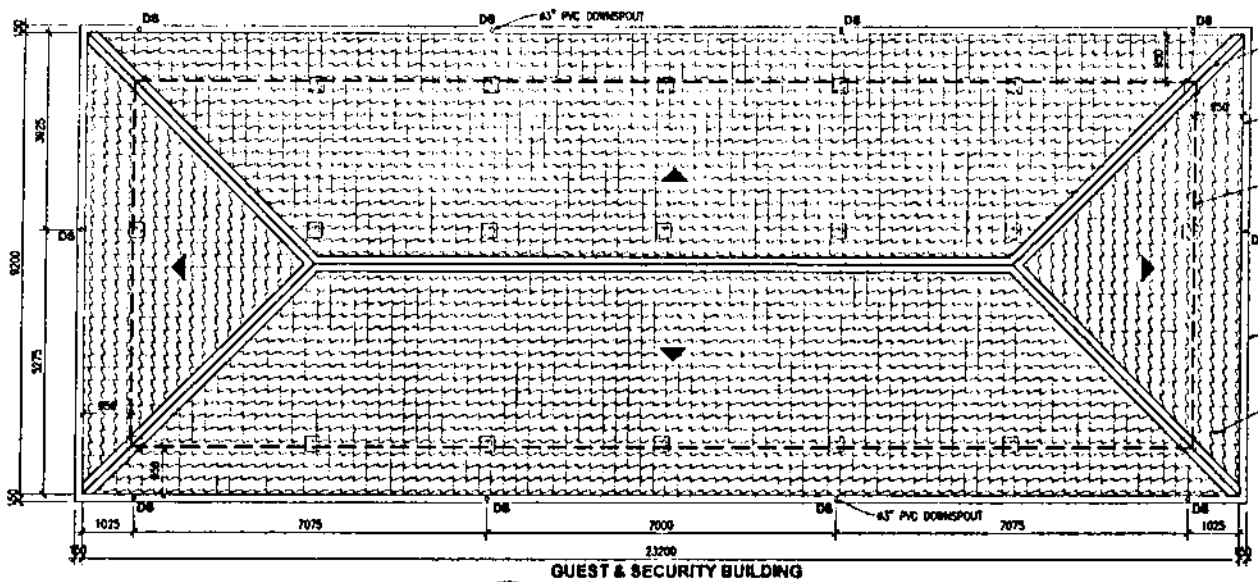
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REGIONAL GOVERNMENT CENTER,
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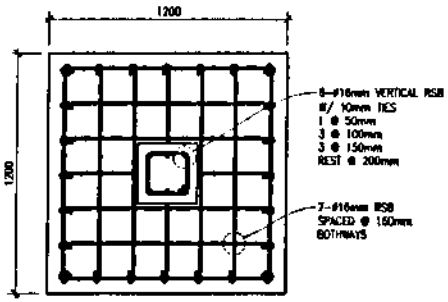
JUNE 24, 2024



GUEST & SECURITY BUILDING

1 ROOF PLAN

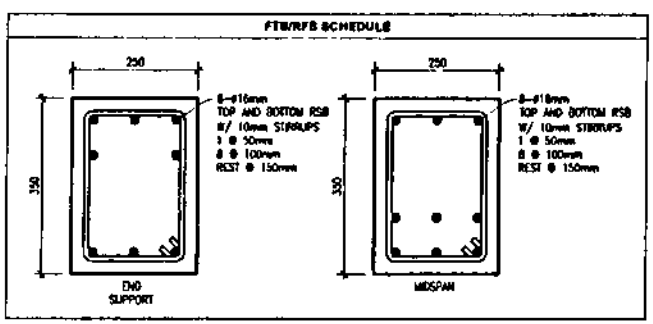
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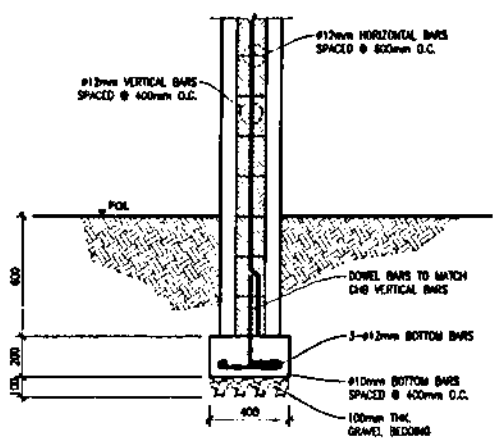


FOOTING & COLUMN

3 PLAN VIEW

SCALE 1:25mts

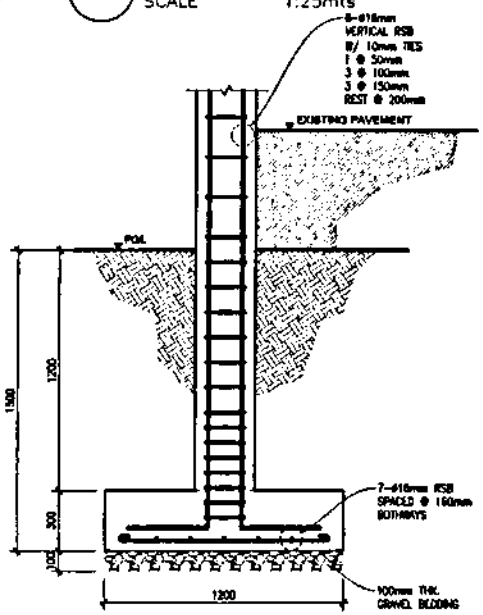




WALL FOOTING

2 SECTION DETAIL

SCALE 1:25mts



FOOTING & COLUMN

4 SECTION DETAIL

SCALE 1:25mts

PHILIPPINE PORTS AUTHORITY

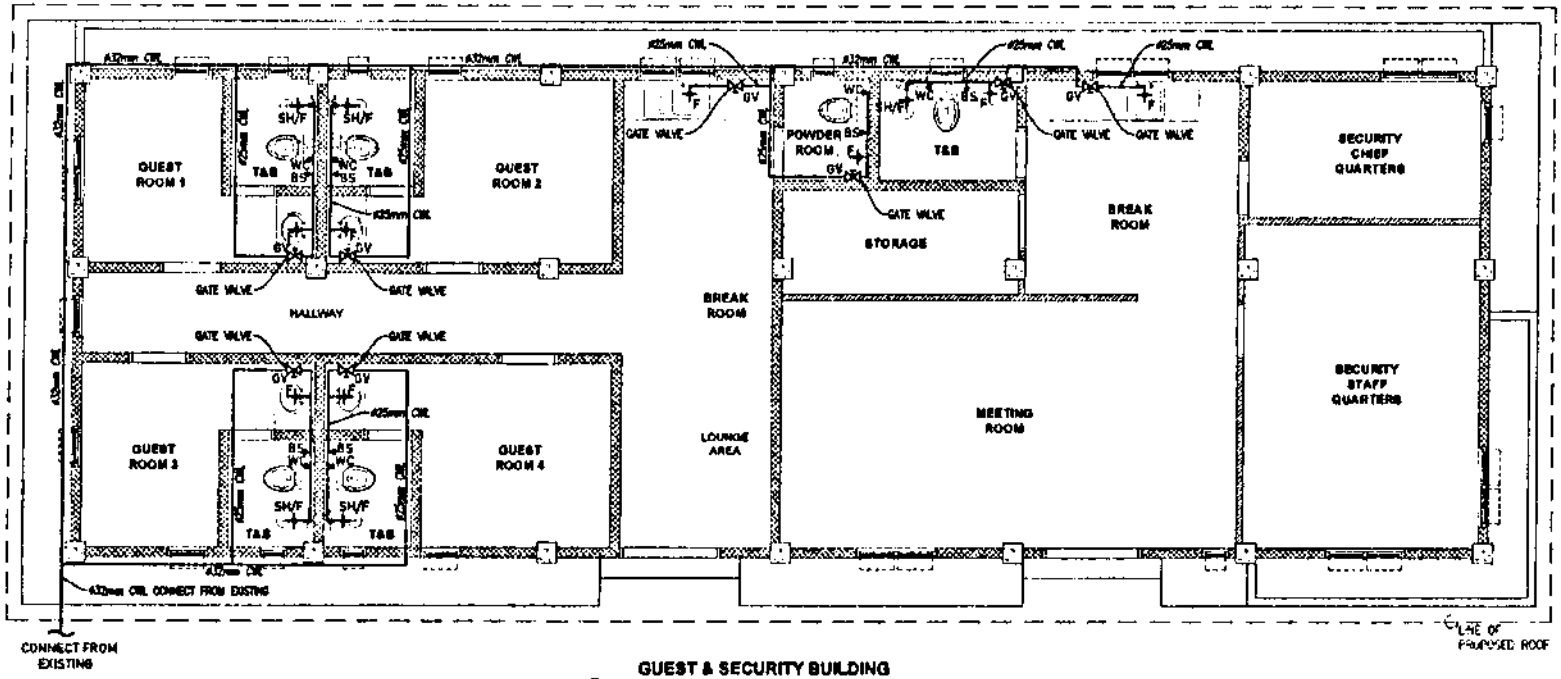
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER
RAWIS, LEGAZPI CITY 4500

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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



1 **GUEST & SECURITY BUILDING**
WATER LINE LAYOUT
SCALE 1:75mts

LEGEND (NOT DRAWN TO SCALE)	
SYMBOL	DESCRIPTION
Ⓜ	WATER METER
⋈	GATE VALVE
⋈	CHECK VALVE
⊢	FAUCET
———	WATER LINE
	ABBREVIATIONS
WM	WATER METER
F	FAUCET
LAV	LAVATORY
WC	WATER CLOSET
HB	HOSE BIBB
BS	BIDET SPRAY
SH	SHOWER
URI	URINAL
RP	RISER PIPE
CWL	COLD WATER LINE

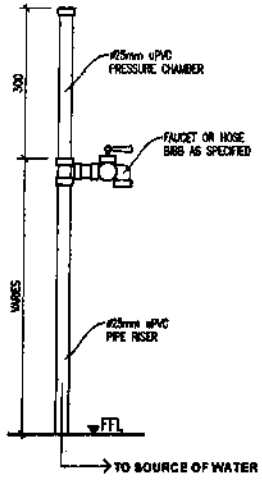
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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



2 PRESSURE CHAMBER DETAIL
SCALE 1:10mts

1 WATER LINE LAYOUT ISOMETRIC VIEW
SCALE 1:75mts

LEGEND
(NOT DRAWN TO SCALE)

SYMBOL	DESCRIPTION
Ⓜ	WATER METER
⋈	GATE VALVE
⋈	CHECK VALVE
⊣⊢	FAUCET
———	WATER LINE
ABBREVIATIONS	
WM	WATER METER
F	FAUCET
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WC	WATER CLOSET
HB	HOSE BIBB
BS	BIDET SPRAY
SH	SHOWER
URI	URINAL
RP	RISER PIPE
CWL	COLD WATER LINE

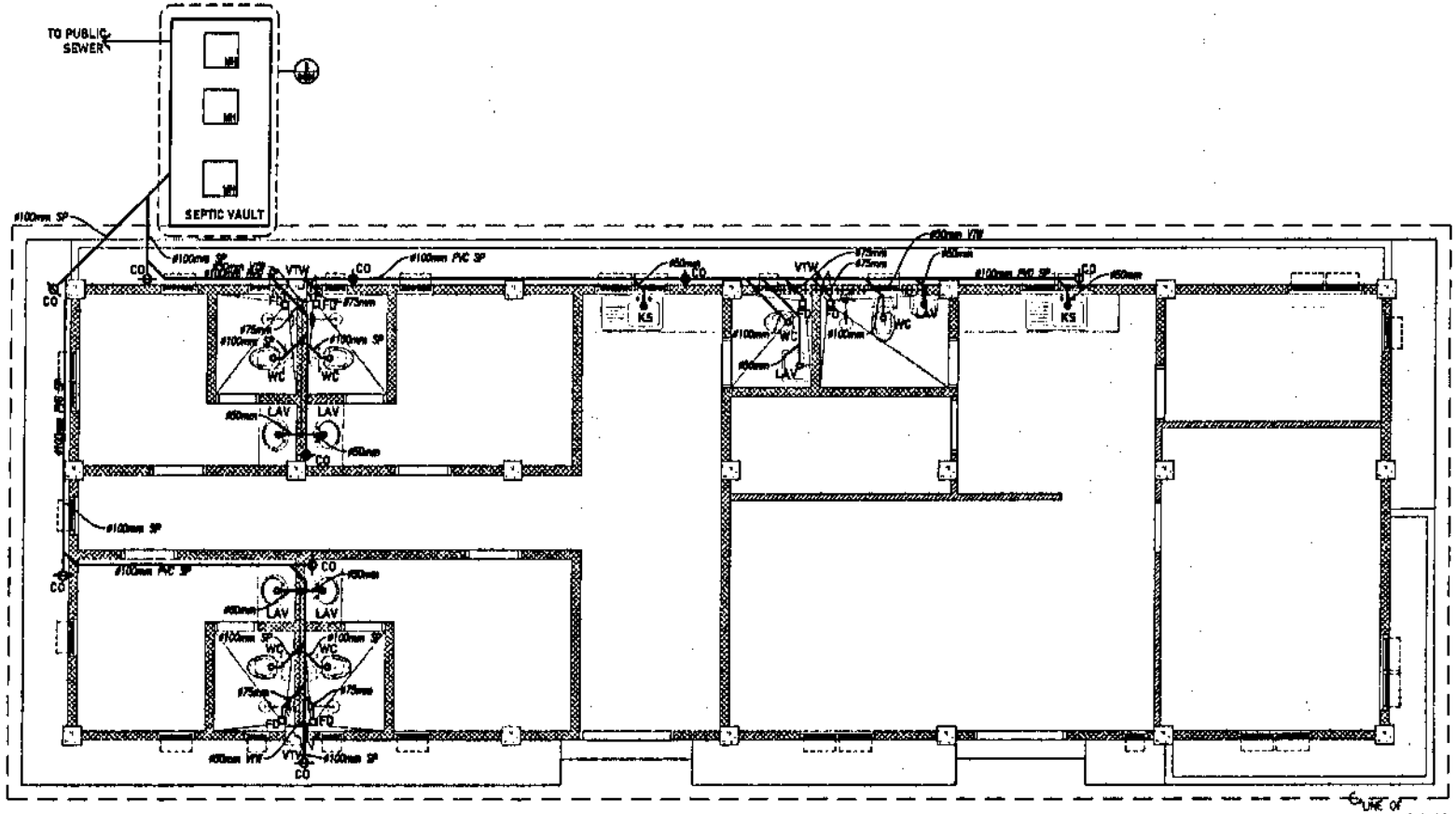
PHILIPPINE PORTS AUTHORITY
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 82 / 94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-RELUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



GUEST & SECURITY BUILDING

1 SANITARY LAYOUT

SCALE 1:75mts

LEGEND
(NOT DRAWN TO SCALE)

SYMBOL	DESCRIPTION
-⊖-	CLEAN OUT
M	VENT
- - - - - -	VENT PIPE
———	SOIL PIPE

ABBREVIATIONS

LAV	LAVATORY
WC	WATER CLOSET
KS	KITCHEN SINK
VTW	VENT THROUGH WALL
VP	VENT PIPE
CO	CLEAN OUT
FD	FLOOR DRAIN
HH	HANDHOLE
MH	MANHOLE
SP	SOIL PIPE

PHILIPPINE PORTS AUTHORITY

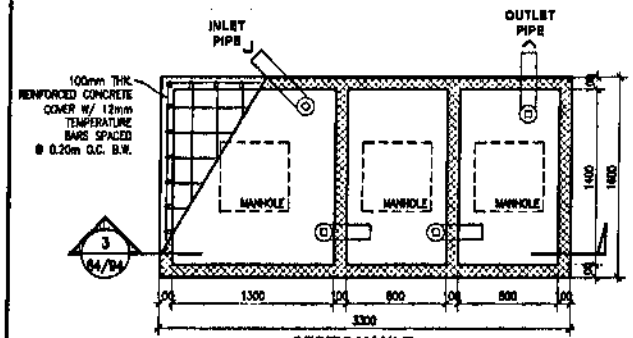
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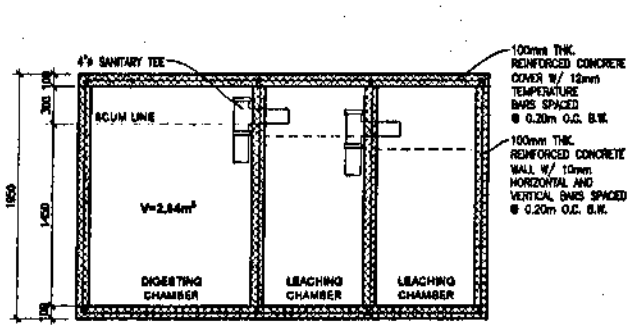
SHEET NO. 83/94

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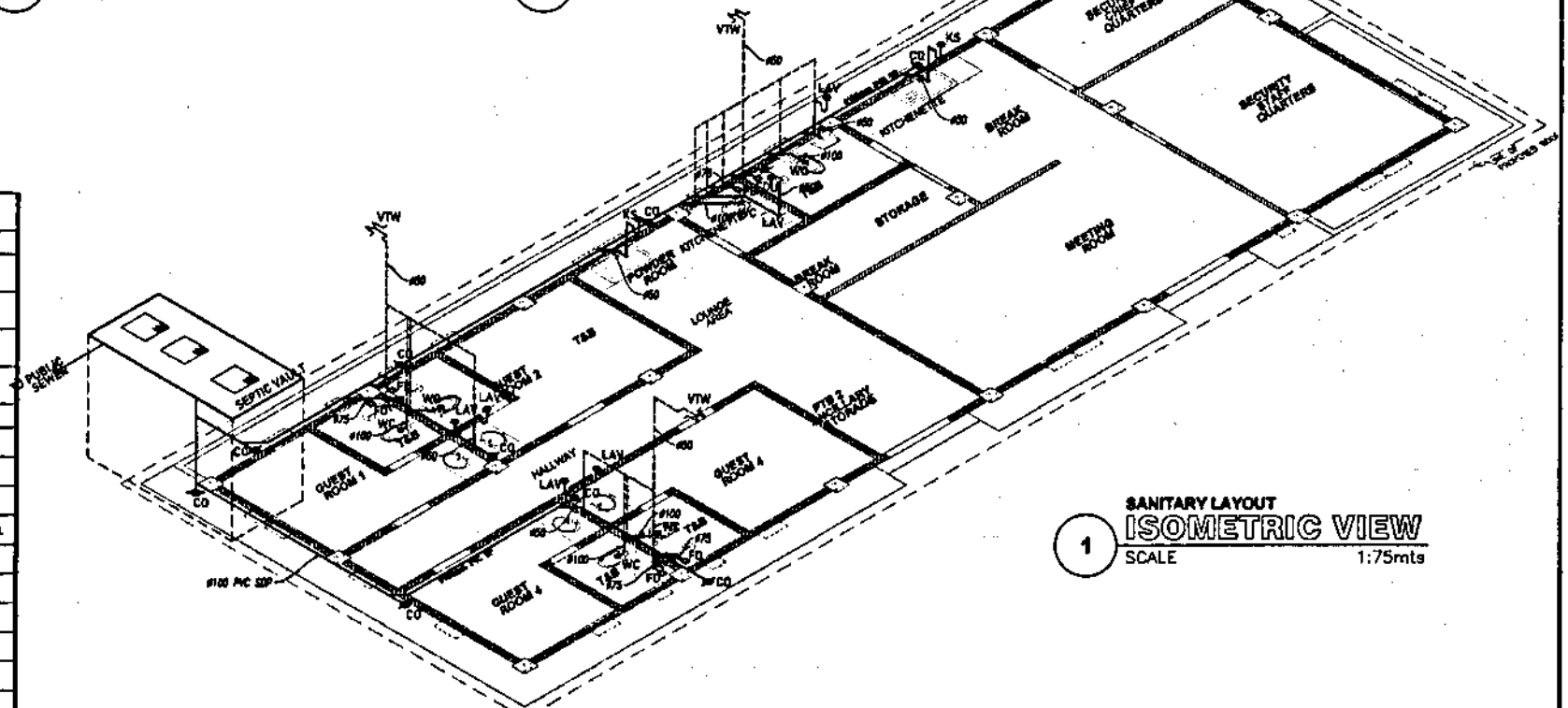


SEPTIC VAULT
2 PLAN VIEW
SCALE 1:40mts



SEPTIC VAULT
3 SECTION
SCALE 1:40mts

LEGEND (NOT DRAWN TO SCALE)	
SYMBOL	DESCRIPTION
⊖	CLEAN OUT
M	VENT
------	VENT PIPE
———	SOIL PIPE
ABBREVIATIONS	
LAV	LAVATORY
WC	WATER CLOSET
KS	KITCHEN SINK
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SP	SOIL PIPE



SANITARY LAYOUT
1 ISOMETRIC VIEW
SCALE 1:75mts

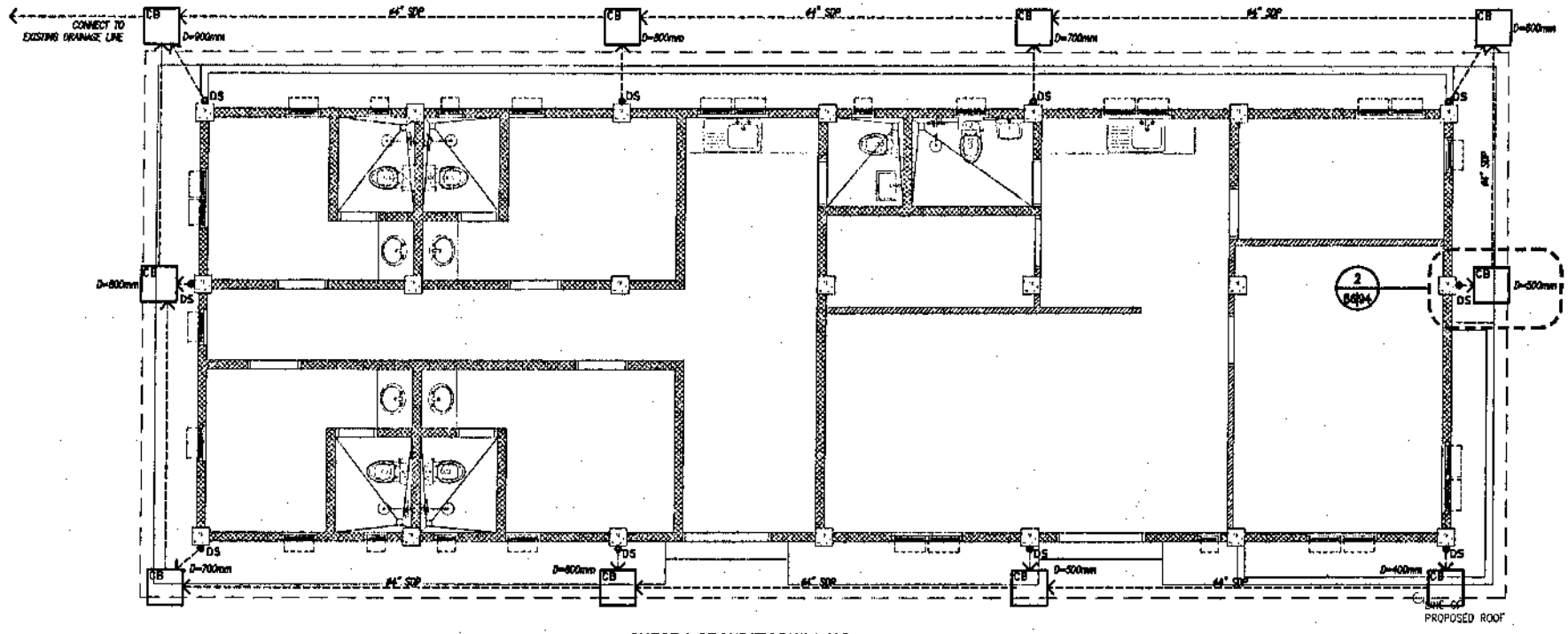
PHILIPPINE PORTS AUTHORITY
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL EMERGENCY CENTER, RMES, LOCSIPT CITY 4800

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 84/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LEONOR L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
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JUNE 24, 2024



GUEST & SECURITY BUILDING

1 **STORM DRAINAGE LAYOUT**

SCALE 1:75mts

ABBREVIATIONS	
DS	DOWNSPOUT; ø3" PVC
CB	CATCH BASIN

PHILIPPINE PORTS AUTHORITY

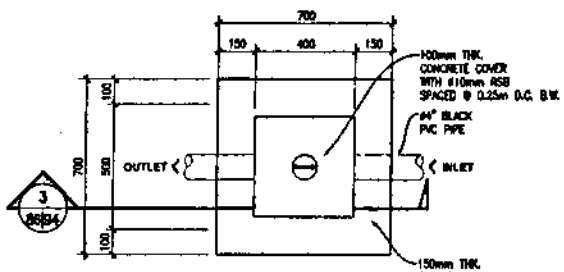
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REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY 4500

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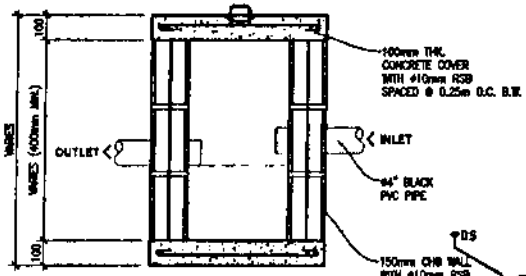
SHEET NO. 85 / 94

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AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
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JUNE 24, 2024



CATCH BASIN
2 PLAN VIEW
SCALE 1:20mts



CATCH BASIN
3 SECTION
SCALE 1:20mts

STORM DRAINAGE LAYOUT
1 ISOMETRIC VIEW
SCALE 1:75mts

ABBREVIATIONS	
DS	DOWNSPOUT; ø3" PVC
CB	CATCH BASIN

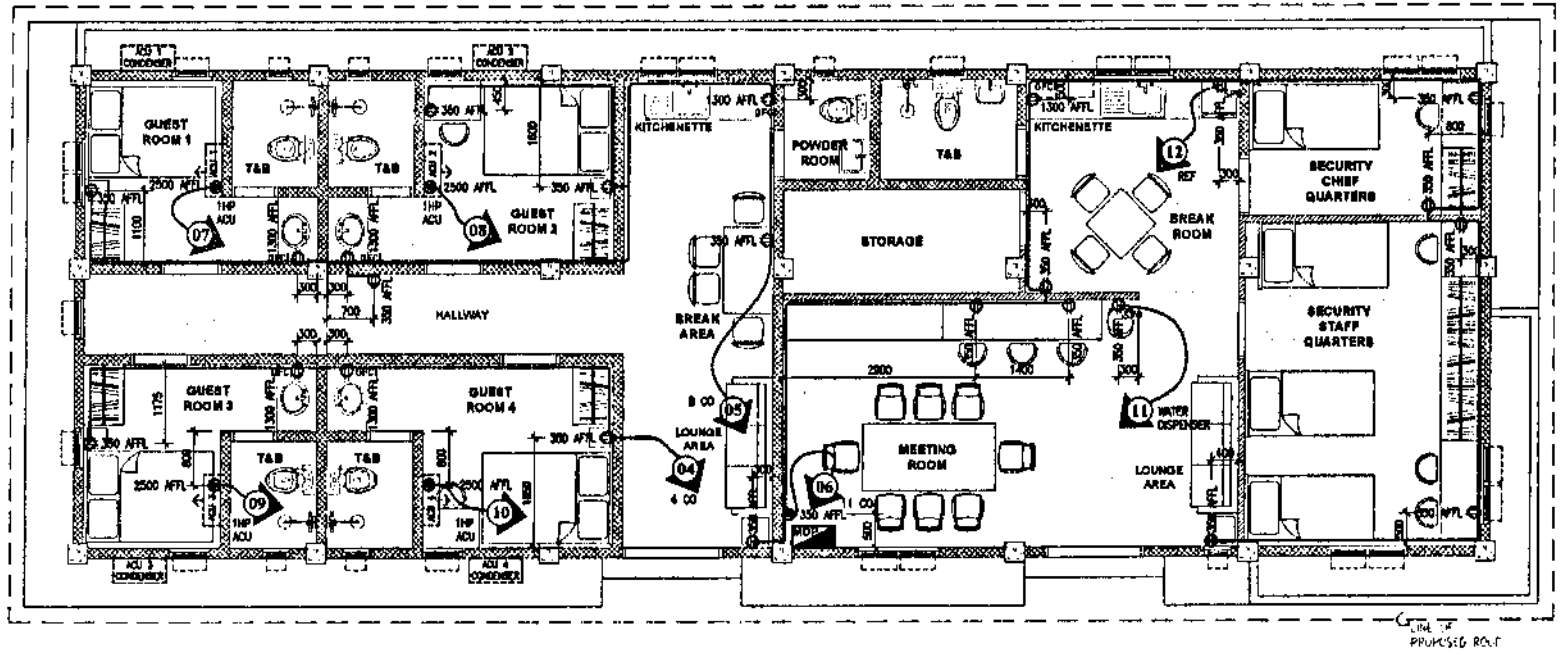
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REGIONAL GOVERNMENT CENTER, RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 86 / 94

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JUNE 24, 2024



1 **GUEST AND SECURITY BUILDING**
POWER LAYOUT
SCALE 1:75mts

LEGEND
(NOT DRAWN TO SCALE)

SYMBOL	DESCRIPTION
	CIRCUIT HOMERUN
	CIRCUIT BREAKER
LP	LOAD PANEL
MDP	MAIN DISTRIBUTION PANEL
	WIRING
	POWER LINE
	LIGHTING LINE
	SWITCH LINE
	LIGHTING
	TYPE: 10W LED LAMP W/ 6" WHITE RECESSED CASING LIGHT COLOR: COOL WHITE
	TYPE: 7W LED LAMP W/ 6" WHITE RECESSED CASING LIGHT COLOR: COOL WHITE
	TYPE: RECESSED 12W LED LAMP LIGHT COLOR: DAYLIGHT
	TYPE: TWIN-HEAD LED EMERGENCY LIGHT LIGHT COLOR: COOL WHITE
	OUTLETS
	DUPLEX CONVENIENCE OUTLET
SPO	SPECIAL OUTLET
GFCI	CONVENIENCE OUTLET W/ GROUND FAULT CIRCUIT INTERRUPTER (GFCI)
	AIR-CONDITIONING UNIT
	SWITCHES
S	SINGLE POLE SWITCH
S_2	TWO-POLE SWITCH
S_3	THREE-POLE SWITCH
$S_{3W}(a)$	THREE-WAY SWITCH
	CEILING
	CEILING AIR VENT
	CEILING ACCESS PANEL
	ABBREVIATIONS
LO	LIGHTING OUTLET
CO	CONVENIENCE OUTLET
ACU	AIR-CONDITIONING UNIT
SPO	SPECIAL OUTLET
LP	LOAD PANEL
MDP	MAIN DISTRIBUTION PANEL
CB	CIRCUIT BREAKER
GFCI	GROUND FAULT CIRCUIT INTERRUPTER

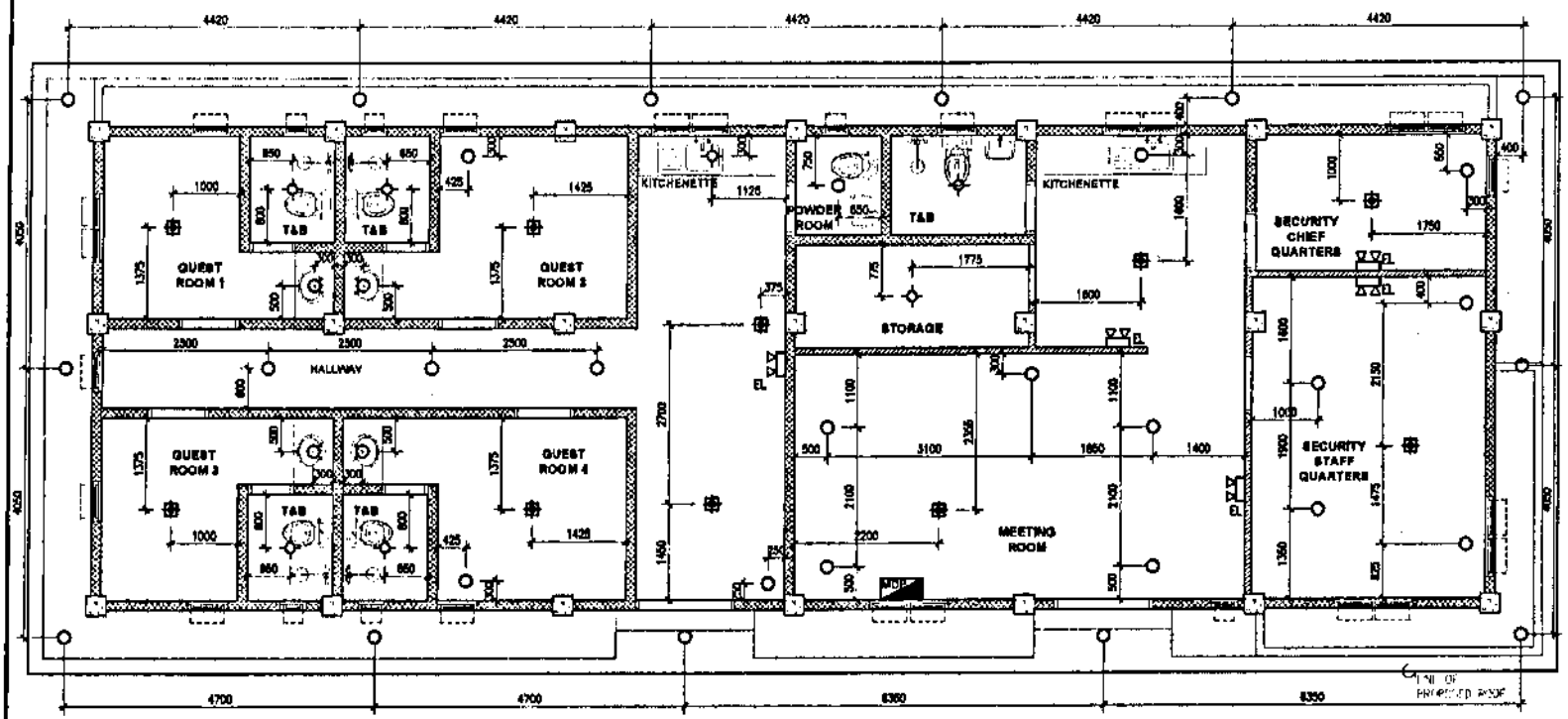
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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



1 GUEST AND SECURITY BUILDING
LIGHTING LAYOUT
SCALE 1:75mts

LEGEND
(NOT DRAWN TO SCALE)

SYMBOL	DESCRIPTION
	CIRCUIT HOMERUN
	CIRCUIT BREAKER
LP	LOAD PANEL
MDP	MAIN DISTRIBUTION PANEL
	WIRING
	POWER LINE
	LIGHTING LINE
	SWITCH LINE
	LIGHTING
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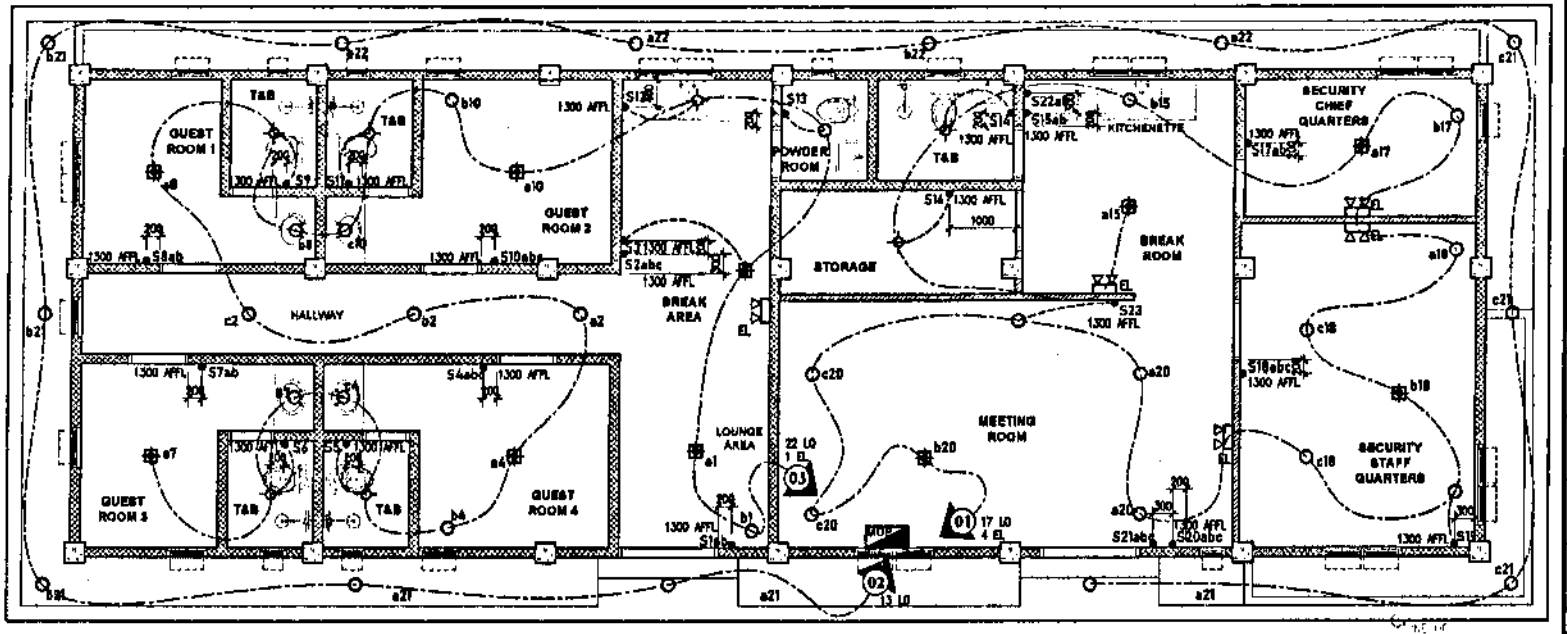
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PORT OF TABACO CITY, ALBAY

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JUNE 24, 2024



GUEST AND SECURITY BUILDING

1 SWITCH LAYOUT

SCALE 1:75mts

LIGHT SWITCHES

S1 LOCATION: GUEST ENTRANCE	S2 LOCATION: BREAK AREA @ GUEST	S3 LOCATION: BREAK AREA @ GUEST	S4 LOCATION: GUEST ROOM 4	S5 LOCATION: T&B @ GUEST ROOM 4	S6 LOCATION: T&B @ GUEST ROOM 3	S7 LOCATION: GUEST ROOM 3	S8 LOCATION: GUEST ROOM 1	S9 LOCATION: T&B @ GUEST ROOM 1
S10 LOCATION: GUEST ROOM 2	S11 LOCATION: T&B @ GUEST ROOM 2	S12 LOCATION: KITCHENETTE @ GUEST	S13 LOCATION: POWDER ROOM	S14 LOCATION: T&B @ SECURITY	S15 LOCATION: KITCHENETTE @ SECURITY	S16 LOCATION: STORAGE ROOM @ SECURITY	S17 LOCATION: SECURITY CHIEF QUARTERS	S18 LOCATION: SECURITY STAFF QUARTERS
S19 LOCATION: SECURITY STAFF QUARTERS	S20 LOCATION: MEETING ROOM @ SECURITY	S21 LOCATION: MEETING ROOM @ SECURITY	S22 LOCATION: KITCHENETTE @ SECURITY	S23 LOCATION: MEETING ROOM @ SECURITY				

GENERAL NOTE) LIGHT SWITCHES

SPECIFICATIONS:
METALLIC GRAY COLOR, SOFT SWITCH WITH QUICK CONNECT TERMINALS

LEGEND
(NOT DRAWN TO SCALE)

SYMBOL	DESCRIPTION
	CIRCUIT HOMERUN
	CIRCUIT BREAKER
LP	LOAD PANEL
MDP	MAIN DISTRIBUTION PANEL
WIRING	
	POWER LINE
	LIGHTING LINE
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LIGHTING	
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OUTLETS	
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	AIR-CONDITIONING UNIT
SWITCHES	
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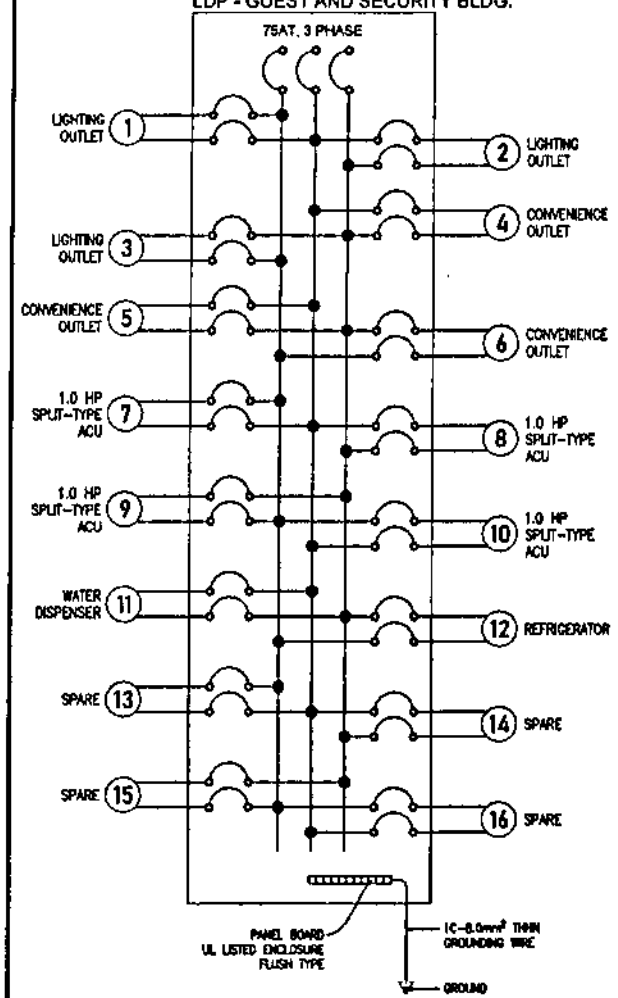
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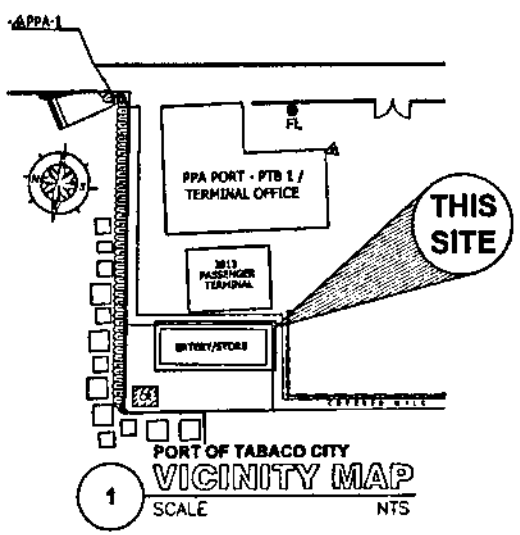
JUNE 24, 2024



SCHEDULE OF LOADS

LOAD DISTRIBUTION PANEL - GUEST AND SECURITY BUILDING

CKT NO.	C.B. RATING				CONNECTED LOADS					DESCRIPTION OF LOADS	VA	AMPS			FEEDER			RACEWAY	
	VOLTS	AT	AF	POLE	LO	CO	SPD	EL	OTHERS			AB	BC	CA	WIRE	SIZE (mm2)	TYPE	SIZE (mm2)	CONDUIT
1	230	20	50	2	17			4		LIGHTING OUTLET	1570	6.83			2	3.5	THHN	25	uPVC
2	230	20	50	2	13					LIGHTING OUTLET	650		2.83		2	3.5	THHN	25	uPVC
3	230	20	50	2	22			1		LIGHTING OUTLET	1280			5.57	2	3.5	THHN	25	uPVC
4	230	20	50	2		4				CONVENIENCE OUTLET	720		3.13		2	3.5	THHN	25	uPVC
5	230	20	50	2		6				CONVENIENCE OUTLET	1440		6.26		2	3.5	THHN	25	uPVC
6	230	20	50	2		11				CONVENIENCE OUTLET	1980			8.61	2	3.5	THHN	25	uPVC
7	230	30	50	2			1			1HP SPLIT-TYPE ACU (GUEST ROOM 1)	1200	5.22			2	5.5	THHN	25	uPVC
8	230	30	50	2			1			1HP SPLIT-TYPE ACU (GUEST ROOM 2)	1200		5.22		2	5.5	THHN	25	uPVC
9	230	30	50	2			1			1HP SPLIT-TYPE ACU (GUEST ROOM 3)	1200			5.22	2	5.5	THHN	25	uPVC
10	230	30	50	2			1			1HP SPLIT-TYPE ACU (GUEST ROOM 4)	1200	5.22			2	5.5	THHN	25	uPVC
11	230	30	50	2			1			WATER DISPENSER W/ HOT & COLD FUNCTION	1200		5.22		2	5.5	THHN	25	uPVC
12	230	30	50	2			1			REFRIGERATOR	1000			4.35	2	5.5	THHN	25	uPVC
13	230	20	50	2					1	SPARE	1500	6.52			2	3.5	THHN	25	uPVC
14	230	20	50	2					1	SPARE	1500		6.53		2	3.5	THHN	25	uPVC
15	230	20	50	2					1	SPARE	1500			6.52	2	3.5	THHN	25	uPVC
16	230	20	50	2					1	SPARE	1500	6.52			2	3.5	THHN	25	uPVC
TOTAL	230	70	100	3	52	23	6	5	4	MAIN	20840	30.34	29.17	30.26	2	22 - 8.00	THHN	38	uPVC



COMPUTATION OF CONNECTED LOADS

COMPUTATION

I_T = 52.48 AMPERES + 2.26 AMPERES

I_T = 54.74 AMPERES

SUB-FEEDER CONDUCTOR:

USE:
3C-22mm² THWN COPPER STRANDED WIRE IN ø32mm PNS 14 uPVC CONDUIT PIPE
1C-8.0mm² THHN GROUNDING WIRE

SUB-PROTECTION DEVICE:

USE:
75AT, 100AF, 3-POLE, 230 VOLTS
18 KAIC (MIN.) BOLT-ON TYPE MCCB

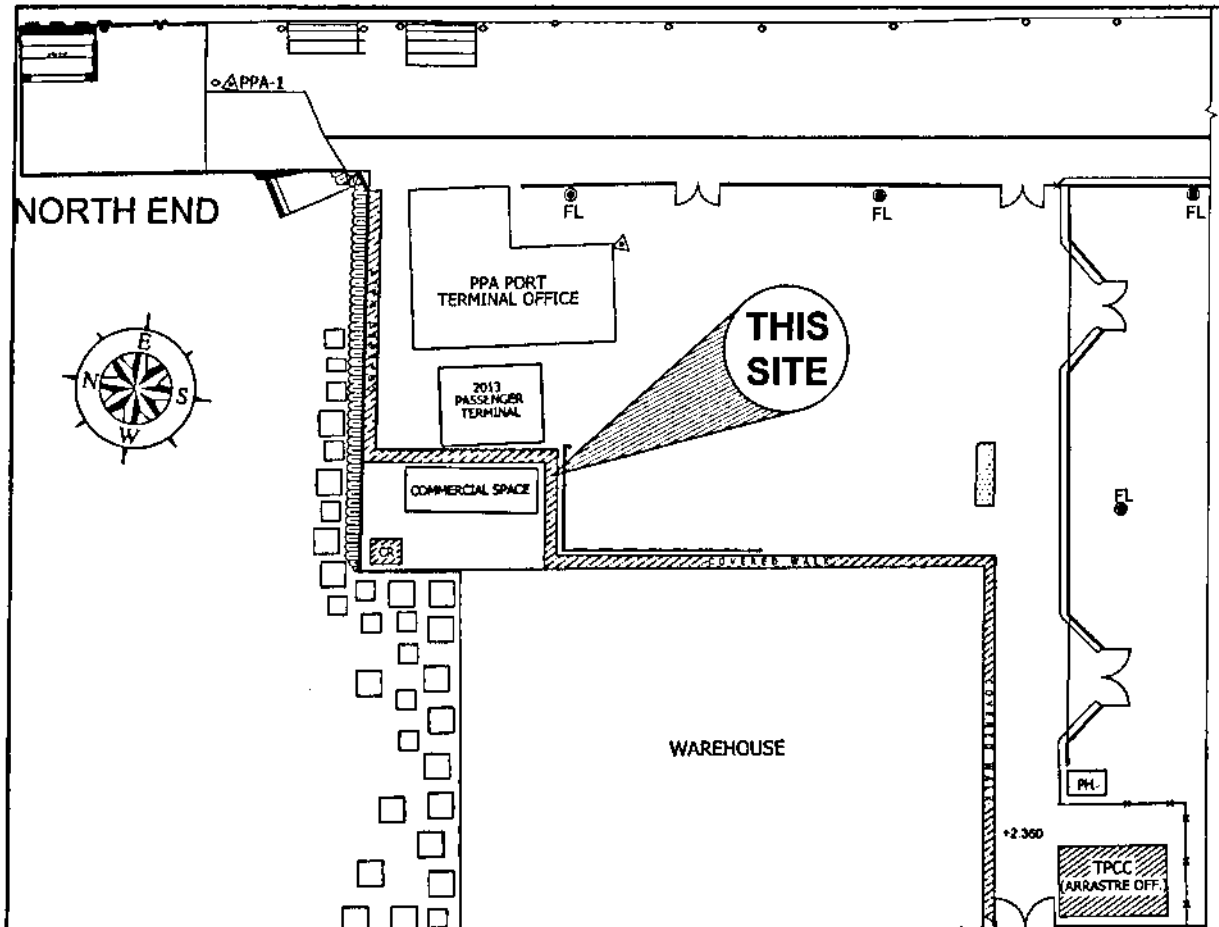
PHILIPPINE PORTS AUTHORITY
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PORT OF TABACO CITY, ALBAY

SHEET NO. 90/94

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ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024



1 PORT OF TABACO CITY
VICINITY MAP
SCALE 1:800mts



2 COVERED WALK
PERSPECTIVE
SCALE NTS

SCOPE OF WORK	
DESCRIPTION	ASSESSMENT
DEMOLITION OF REINFORCED CONCRETE ROOF SLAB	SEE DETAILS
REPAINTING OF COLUMNS AND BEAMS	SEE DETAILS
INSTALLATION OF NEW ROOFING	SEE DETAILS
REPLACEMENT OF ELECTRICAL WIRES	
REPLACEMENT OF LED WALL-MOUNTED LAMP	36 UNITS

SCHEDULE OF WALL PAINT FINISHES	
	PT-1 COLOR: GREIGE SHEEN: SEMI-GLOSS
	PT-2 COLOR: BEIGE SHEEN: SEMI-GLOSS
	PT-3 COLOR: WHITE SHEEN: GLOSS

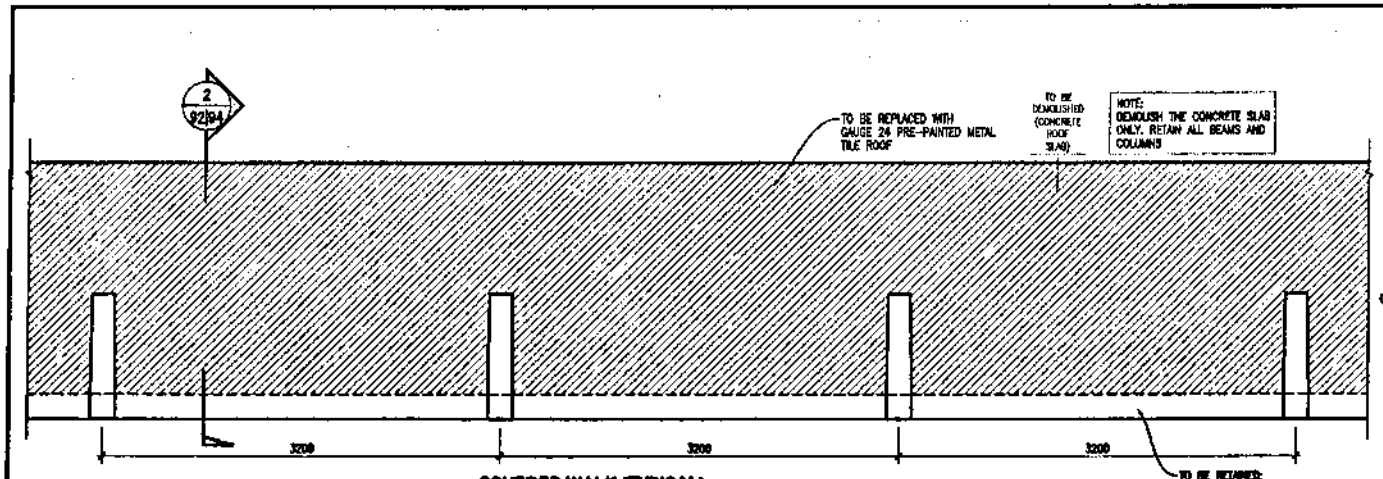
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SHEET NO. 91/94

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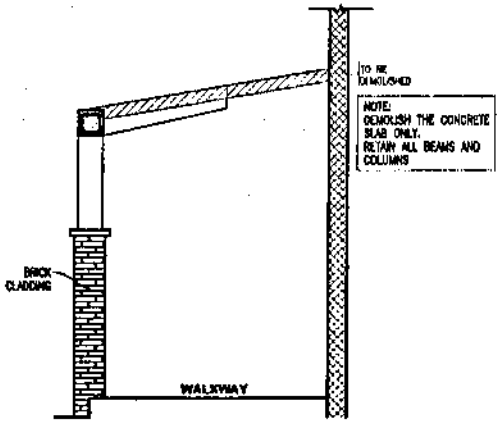
JUNE 24, 2024



COVERED WALK (TYPICAL)

1 DEMOLITION (PLAN VIEW)

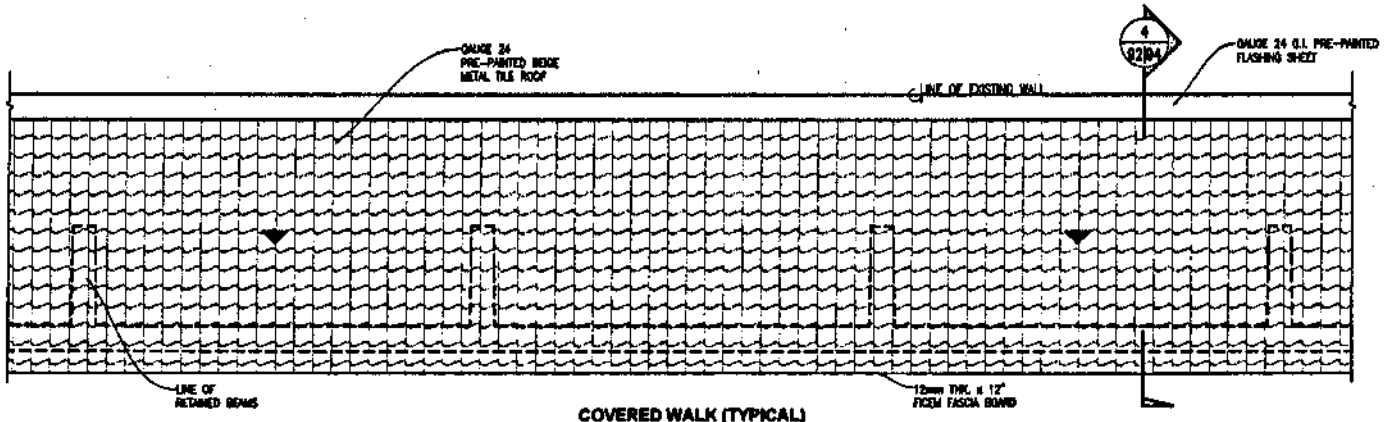
SCALE 1:40mts



COVERED WALK (TYPICAL)

2 DEMOLITION (SECTION)

SCALE 1:40mts

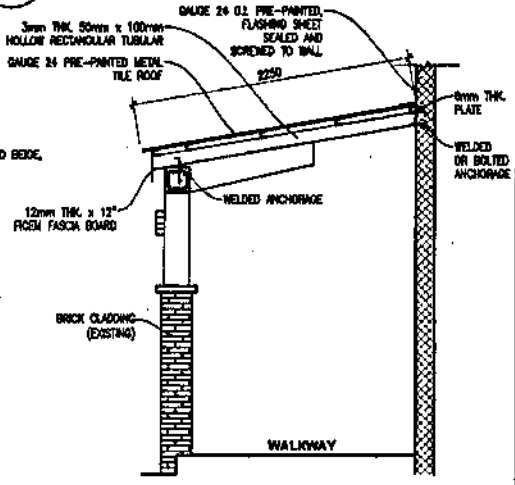


COVERED WALK (TYPICAL)

3 ROOF PLAN

SCALE 1:40mts

TOTAL LENGTH OF COVERED WALKWAY: 205m



COVERED WALK (TYPICAL)

4 SECTION

SCALE 1:40mts

PHILIPPINE PORTS AUTHORITY

PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
NAGA, LEGAZPI CITY 4500

PROJECT TITLE

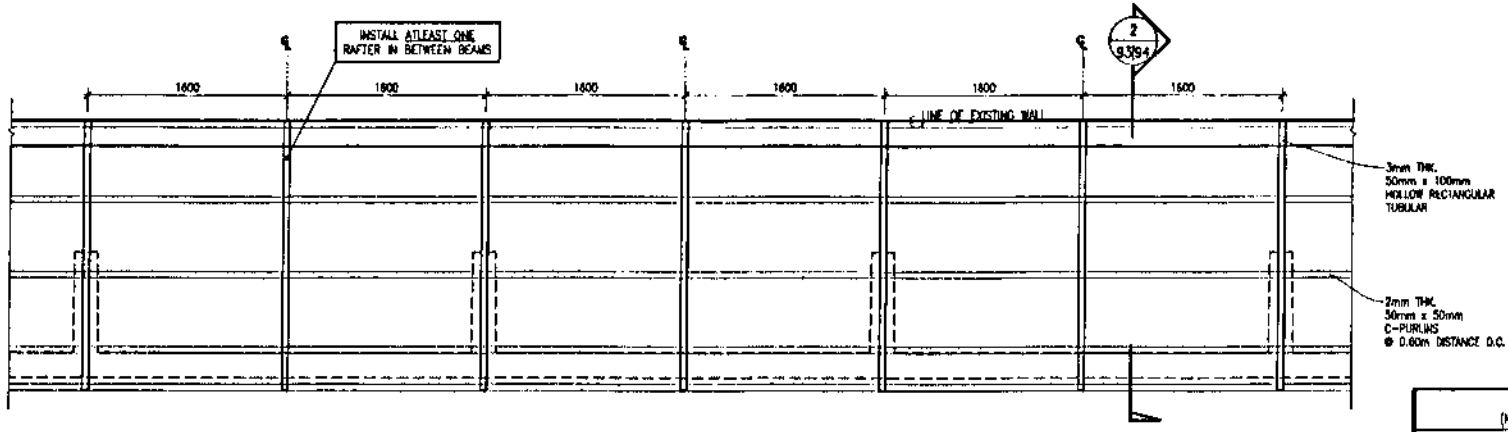
IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING

PORT OF TABACO CITY, ALBAY

SHEET NO. 92/94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESO	PORT MANAGER

JUNE 24, 2024

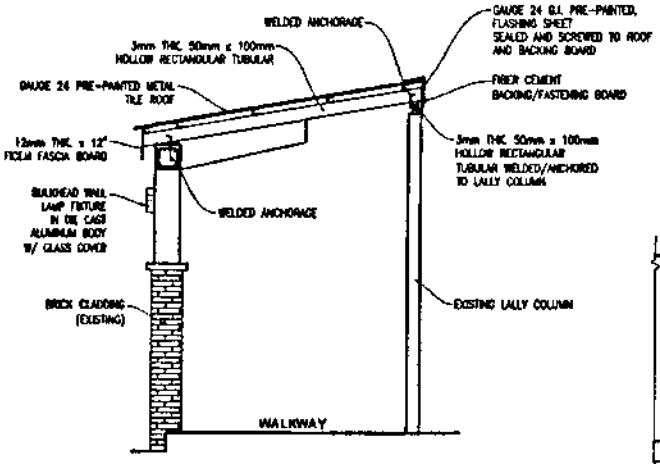


COVERED WALK (TYPICAL)

1 ROOF FRAMING PLAN

SCALE 1:40mts

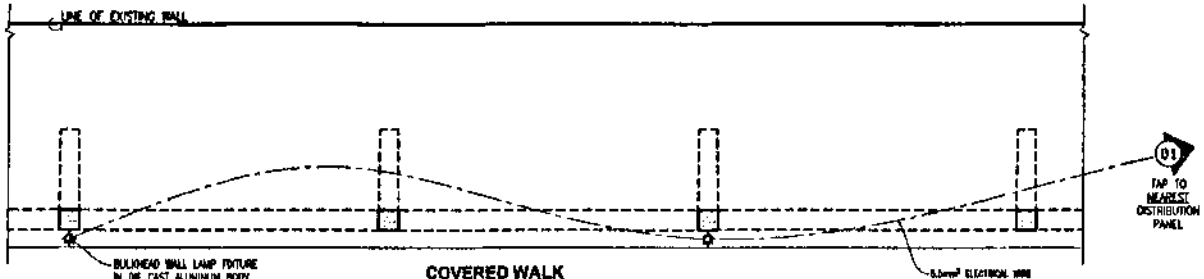
LEGEND (NOT DRAWN TO SCALE)	
SYMBOL	DESCRIPTION
01	CIRCUIT HOMERUN
WIRING	
———	LIGHTING LINE
LIGHTING	
	TYPE: BULKHEAD WALL LAMP FIXTURE IN DIE CAST ALUMINUM BODY W/ GLASS COVER, IP 67 RATING BULB HOLDER: E27 LIGHT COLOR: COOL WHITE QUANTITY: 38 UNITS
ELECTRICAL WORKS	
REPLACEMENT OF 38 UNITS BULKHEAD WALL LAMP FIXTURE IN DIE CAST ALUMINUM BODY W/ GLASS COVER	



COVERED WALK (TYPICAL)

2 SECTION

SCALE 1:40mts



COVERED WALK

3 ELECTRICAL PLAN

SCALE 1:50mts

PHILIPPINE PORTS AUTHORITY

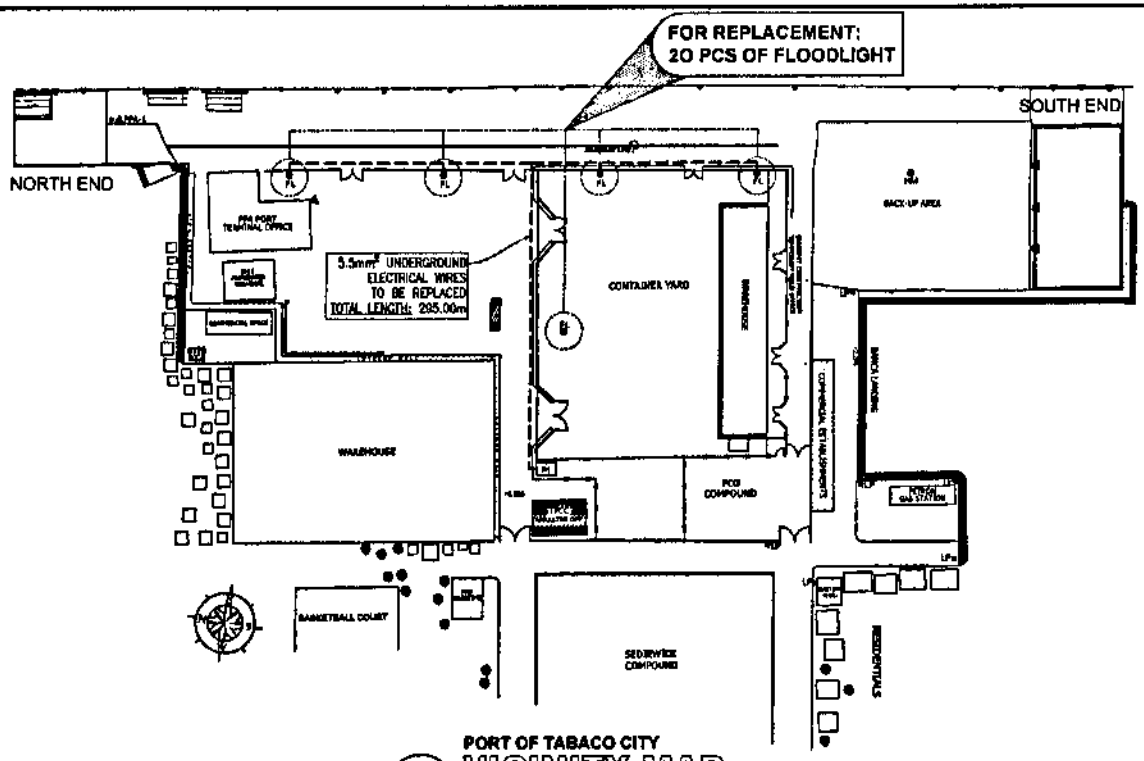
PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER, RAWIS, LEGAZPI CITY 4500

PROJECT TITLE: **IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING**
PORT OF TABACO CITY, ALBAY

SHEET NO. 93 / 94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REGUCIO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024

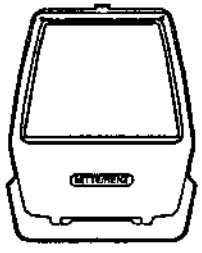


PORT OF TABACO CITY

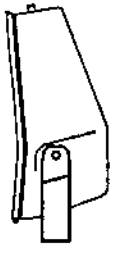
1 **VICINITY MAP**

SCALE 1:600mts

SCOPE OF WORK: PORT LIGHTING SYSTEM	
DESCRIPTION	ASSESSMENT
REPLACEMENT OF 200W LED FLOODLIGHT	20 SETS
REPAINTING OF CONCRETE HIGH MAST	5 SETS
REPLACEMENT OF ELECTRICAL WIRES @ CONCRETE HIGH MAST AND UNDERGROUND SERVICE LINES	SEE DETAILS



FLOODLIGHT:
USE: 200W LED WEATHERPROOF (COOL WHITE)
IP RATING: 65
QUANTITY: 20PCS



FLOOD LIGHT FIXTURE

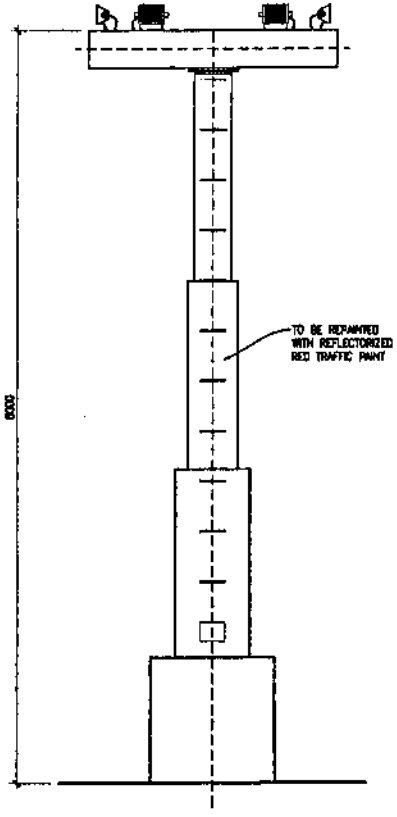
2 **FRONT ELEVATION**

SCALE NTS

FLOOD LIGHT FIXTURE

3 **RIGHT SIDE ELEVATION**

SCALE NTS



FLOODLIGHT CONCRETE HIGH MAST

4 **ELEVATION**

SCALE 1:40mts

PHILIPPINE PORTS AUTHORITY

PORT MANAGEMENT OFFICE OF BICOL
REGIONAL GOVERNMENT CENTER,
RAWIS, LEGAZPI CITY, 4500

PROJECT TITLE: IMPROVEMENT/RESTORATION OF TMO/PTB 1 & 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

SHEET NO. 94 / 94

PREPARED BY	CHECKED/REVIEWED BY	RECOMMENDING APPROVAL	APPROVED
AGAPITO LLOYD L. TALAY, uap	CHRISTOPHER M. CADAG	JOHN S. DE LOS SANTOS	MA. MAGNOLIA SINSON-REQUEJO
ARCHITECT II	SUPERVISING ENGINEER A	ACTING DIVISION MANAGER A, ESD	PORT MANAGER

JUNE 24, 2024

SECTION VIII

BILL OF QUANTITIES
and
ATTACHMENTS

BILL OF QUANTITIES

IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING

PORT OF TABACO CITY, ALBAY

No. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Php) (5)	TOTAL PRICE (Php) (4) x (5)
Bill No. 1	General Expenses				
Bill No. 2	Passenger Terminal Building 1/TMO				
Bill No. 3	Passenger Terminal Building 2				
Bill No. 4	Guest and Security Building				
Bill No. 5	Covered Walkway				
Bill No. 6	Port Lighting System				
				TOTAL	

Name of Firm

Name of Bidder/Authourized Representative
(Signatory's Legal Capacity

Date

BILL OF QUANTITIES
IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

No. (1)	(2)	UNIT (3)	QTY. (4)	UNIT PRICE (Php) (5)	TOTAL PRICE (Php) (4) x (5)
1.00	**General Expenses**				
1.01	Mobilization Demobilization	lot	1.00		
1.02	Provide Construction Safety and Health Program in the Execution of the Project	mos	10.00		
				TOTAL	

BILL OF QUANTITIES
IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

No. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Php) (5)	TOTAL PRICE (Php) (4) x (5)
Bill No. 2	**Passenger Terminal Building 1/TMO**				
2.01	Removal and Disposal Damaged Ceiling, Aluminum Doors and Windows and other obstruction	lot	1.00		
2.02	Supply and installation of concrete barriers	sets	14.00		
2.03	Supply and place reinforced concrete for ramp and stairs including stainless steel railings and non-skid ceramic floor tile finish in landings and steps	lot	1.00		
2.04	Replacement of Ceiling	sq.m.	356.00		
2.05	Supply and Installation of uPVC framed w/ laminated glass windows including enclosure of window openings	sq.m	66.24		
2.06	Supply & Installation of various doors including accessories	sq.m	48.15		
2.07	Supply & Installation of Metal Sliding Storm Shutter (Paint Finish)	sq.m	70.08		
2.08	Painting of Ceiling, Interior and Exterior Walls	sq.m.	2,863.36		
2.09	Supply and Install Restroom Fixtures, Toilet and Bath Modular Partitions including declogging of pipes	lot	1.00		
2.10	Replacement of electrical wirings and fixtures	l.s	1.00		
2.11	Replacement of Tiles at Passenger's Waitng Area and Comfort Room	sq.m	470.28		
2.12	Replacement of Old to New PPA Signage and Logos	unit	2.00		
				TOTAL	

BILL OF QUANTITIES
IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

No. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Php) (5)	TOTAL PRICE (Php) (4) x (5)
Bill No. 3	**Passenger Terminal Building 2**				
3.01	Removal and Disposal Damaged Ceiling, Floor Tiles, Aluminum Doors and Windows and other Obstruction	lot	1.00		
3.02	Replacement of Ceiling	sq.m	290.80		
3.03	Supply and Installation of uPVC framed w/ laminated glass windows including enclosure of window openings	sq.m	42.30		
3.04	Supply & Installation of Metal Sliding Storm Shutter (Paint Finish)	sq.m	48.12		
3.05	Supply & Installation of various Doors	sq.m	23.47		
3.06	Repainting of Ceiling, Interior and Exterior Walls	sq.m	563.81		
3.07	Supply and Installation Plumbing Fixtures and Modular Cubicle Partitions	lot	1.00		
3.08	Replacement of Floor Tiles	sq.m	351.98		
3.09	Replacement of Lighting Fixtures and Wirings	lot	1.00		
3.10	Repair/Replacement of Roofing including C-purlins and aluminum roof insulation	sq.m	278.24		
3.11	Supply and Installation of Concrete Canopy, Partition at 2nd Flr, and Plant Box	lot	1.00		
				TOTAL	

BILL OF QUANTITIES
IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

No. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Php) (5)	TOTAL PRICE (Php) (4) x (5)
Bill No. 4	**Guest and Security Building**				
4.01	Removal and Disposal Damaged Roofing, Ceiling, Partition Wall, and other Obstruction	lot	1.00		
4.02	Supply and Install Reinforcing Steel Bars	kg	5,470.08		
4.03	Supply and Place 3500 psi Concrete	cu.m	41.64		
4.04	Replacement of Steel Trusses and Roofing Sheets including aluminum roof insulation	sq.m	213.44		
4.05	Replacement of Ceiling	sq.m	191.00		
4.06	Installation of CHB and Dry Wall	sq.m	405.05		
4.07	Painting of Ceiling, Interior and Exterior Walls	sq.m	1,049.99		
4.08	Replacement of Lighting Fixtures and Wirings	lot	1.00		
4.09	Supply and Installation of various type of Doors	sq.m	30.51		
4.10	Supply and Installation of uPVC framed w/ laminated glass windows	sq.m	20.80		
4.11	Supply and Installation of Plumbing Fixtures and connection	lot	1.00		
4.12	Supply and Installation of Floor and Wall Tiles	sq.m	234.25		
4.13	Supply and Installation of Millwork Cabinet (Paint Finish)	lot	1.00		
4.14	Construction of Septic Tank and Catch Basin	set	1.00		
4.15	Supply and Installation of Window Shutter (Paint Finish)	sq.m	23.64		
				TOTAL	

BILL OF QUANTITIES
IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

No. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Php) (5)	TOTAL PRICE (Php) (4) x (5)
Bill No. 5	**Covered Walkway**				
5.01	Removal and Disposal of the Existing Walkway	lot	1.00		
5.02	Supply and Installation of Roofing including Bulkhead Wall Lamp Outdoor	sq.m	461.25		
				TOTAL	

BILL OF QUANTITIES
IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING
PORT OF TABACO CITY, ALBAY

No. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Php) (5)	TOTAL PRICE (Php) (4) x (5)
Bill No. 6	**Port Lighting System**				
6.01	Supply and Installation of LED Weatherproof Floodlights 200W including underground electrical wirings	set	20.00		
				TOTAL	

BASIS OF PAYMENT FOR WORK ITEMS INCLUDED IN THE PROPOSAL

The work items included in the proposal and the basis of payments are as follows:

BILL NO. 1

GENERAL EXPENSES

Item 1.01 Mobilization, demobilization

The quantity to be paid for shall be the minimum equipment requirement enumerated in the bid documents mobilized, demobilized and cleaning of the site and accepted by the Engineer. The contract lump sum price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to mobilize and demobilize all the minimum equipment requirement enumerated in the bid documents including cleaning of the site. Fifty percent (50%) of the total amount shall be payable after the mobilization activity while the remaining (50%) payable after demobilization and cleaning.

Item 1.02 Provide Construction Safety and Health Program in the Execution of the Project

The quantity to be paid for shall be for safety and health program.The contract lump sum price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to comply with the safety and health requirements for the project.

BILL NO. 2

PASSENGER TERMINAL BUILDING 1/TMO

Item 2.01 Removal and Disposal Damaged Ceiling, Aluminum Doors and Windows and other obstruction

The quantity to be paid for shall be the actual lot of labor and equipment used in removal, disposal and cleaning of the damaged facilities in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.02 Supply and Installation of Concrete Barriers

The quantity to be paid for shall be the actual number in sets of concrete barriers to supply and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.03 Supply and place reinforced concrete for ramp and stairs including stainless steel railings and non-skid ceramic floor tile finish in landings and steps

The quantity to be paid for shall be the actual lot of materials of reinforced concrete for ramp and stairs including railings and non-skid ceramic floor tile finish in landings and steps to be supplied and placed in accordance with the plans and specifications and

accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.04 Replacement of Ceiling

The quantity to be paid for shall be the actual area in square meter of ceiling to be replaced in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials,labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.05 Supply and Installation of uPVC framed w/ laminated glass windows including enclosure of window openings

The quantity to be paid for shall be the actual area in square meters of uPVC framed w/ laminated glass windows including enclosure of window and door openings to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.06 Supply & Installation of various doors including accessories

The quantity to be paid for shall be the actual area in square meters of various doors including accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.07 Supply & Installation of Metal Sliding Storm Shutter (Paint Finish)

The quantity to be paid for shall be the actual number in sets of Metal Sliding Storm Shutter to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.08 Painting of Interior and Exterior Walls and Ceiling

The quantity to be paid for shall be the actual number in square meters of Interior and Exterior Walls and Ceiling to be painted in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.09 Supply and Install Restroom Fixtures and Toilet & Bath Modular Partitions Including declogging of pipes

The quantity to be paid for shall be the actual number in lot of restroom fixtures and toilet & bath modular partition to be supply and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full

compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work

Item 2.10 Replacement of Electrical Wirings and Fixtures

The quantity to be paid for shall be the quantity in lump sum of lighting fixtures and wirings to be replaced in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.11 Replacement of Tiles at Passengers Waiting Area and Comfort Room

The quantity to be paid for shall be the actual area in square meters of tiles to be replaced at Passenger Waiting Area & Comfort Room in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.12 Replacement of Old to New PPA Signage and Logos

The quantity to be paid for shall be the actual number of materials of old to new PPA Signage and Logos to be replaced in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

BILL NO. 3

PASSENGER TERMINAL BUILDING 2

Item 3.01 Removal and Disposal Damaged Ceiling, Aluminum Doors and Windows and other obstruction

The quantity to be paid for shall be the actual lot of labor and equipment used in removal and disposal of damaged ceiling, aluminum doors and windows and other obstruction in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.02 Repair and Replacement of Ceiling

The quantity to be paid for shall be the actual area in square meter of ceiling to be repaired in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.03 Supply and Installation of uPVC framed w/ laminated glass windows including enclosure of window openings

The quantity to be paid for shall be the actual area in square meters of uPVC framed w/ laminated glass windows including enclosure of window and door openings to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.04 Supply & Installation of Metal Sliding Storm Shutter (Paint Finish)

The quantity to be paid for shall be the actual area in square meters of Metal Sliding Storm Shutter to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.05 Supply & Installation of various Doors

The quantity to be paid for shall be the area in square meters of various Doors to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.06 Repainting of Interior and Exterior Walls and Ceilings

The quantity to be paid for shall be the actual number in square meters of Interior and Exterior Walls and Ceilings to be repainted in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.07 Supply and Installation Plumbing Fixtures and Modular Cubicle Partitions

The quantity to be paid for shall be the actual number in lot of plumbing fixtures and modular cubicle partitions to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.08 Replacement of Floor Tiles

The quantity to be paid for shall be the actual number in square meters of floor tiles to be replaced in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.09 Replacement of Lighting Fixtures and Wirings

The quantity to be paid for shall be the actual quantity in lot of lighting fixtures and wirings to be replaced in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.10 Repair/Replacement of Roofing including C-purlins & aluminum roof insulation

The quantity to be paid for shall be the actual number in square meters roofing to be replaced including C-purlins & aluminum roof insulation in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials,
labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.11 Supply and Installation of Concrete Canopy, Partition at 2nd Flr & Plant Box

The quantity to be paid for shall be the actual number in lot of concrete canopy, partition at 2nd Flr & Plant Box to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

BILL NO. 4

GUEST AND SECURITY BUILDING

Item 4.01 Removal and Disposal Damaged Roofing, Ceiling, Partition Wall and other obstruction

The quantity to be paid for shall be the actual lot of labor and equipment used in removal and disposal of damaged ceiling, aluminum doors and windows and other obstruction in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.02 Supply and Install Reinforcing Steel Bars

The quantity to be paid for shall be the actual kilograms of Reinforcing Steel Bars to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.03 Supply and Place 3500 psi Concrete

The quantity to be paid for shall be the actual cubic meter of 3500 psi Concrete to be supplied and placed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.04 Replacement of Wooden Trusses and Roofing Sheets including aluminum roof insulation

The quantity to be paid for shall be the actual square meter of wooden trusses and roofing sheets to be replaced including aluminum roof insulation in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.05 Replacement of Ceiling

The quantity to be paid for shall be the actual area in square meter of ceiling to be replaced in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.06 Installation of CHB and Dry Wall

The quantity to be paid for shall be the actual area in square meter of CHB and Dry Wall ceiling to be installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.07 Painting of Ceiling, Interior and Exterior Walls

The quantity to be paid for shall be the actual area in square meter of Interior & Exterior Walls, Ceiling to be painted in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.08 Replacement of Lighting Fixtures and Wirings

The quantity to be paid for shall be the actual number in lot of lighting fixtures and wirings to be replaced in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.09 Supply and Installation of various type of Doors

The quantity to be paid for shall be the actual area in square meters of various type of Doors to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.10 Supply and Installation of uPVC framed w/ laminated glass windows

The quantity to be paid for shall be the actual area in square meters of uPVC framed w/ laminated glass windows to be supplied and installed in accordance with the plans and specs and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.11 Supply and Installation of Plumbing Fixtures and connection

The quantity to be paid for shall be the actual number in lot of plumbing Fixtures and connection to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.12 Supply and Installation of Floor and Wall Tiles

The quantity to be paid for shall be the actual number in square meter of Floor and Wall Tiles to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.13 Supply and Installation of Millwork Cabinet (Paint Finish)

The quantity to be paid for shall be the actual number in lot of Millwork Cabinet to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.14 Construction of Septic Tank and Catch Basin

The quantity to be paid for shall be the actual number in set of Septic Tank to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.15 Supply and Installation of Window Shutter (Paint Finish)

The quantity to be paid for shall be the actual area in square meters of Window Shutter to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

BILL NO. 5

WALKWAY

Item 5.01 Removal and Disposal of the Existing Walkway

The quantity to be paid for shall be the actual lot of labor and equipment used in removal and disposal of the existing walkway in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full

compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 5.02 Supply and Installation of Roofing Including Bulkhead Wall Lamp Outdoor

The quantity to be paid for shall be the actual number in square meters of Roofing including Bulkhead Wall lamp outdoor to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

BILL NO. 6

PORT LIGHTING SYSTEM

Item 6.01 Supply and Installation of LED Weatherproof Floodlights 200W Including underground electrical wirings

The quantity to be paid for shall be the actual number in sets of floodlights to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

MINIMUM MAJOR EQUIPMENT REQUIREMENTS

1		unit/s	✓	Air Compressor 250 cfm, owned
1		unit/s	✓	Concrete mixer 1 bagger, owned
1		unit/s	✓	Concrete vibrator 3.5hp capacity, owned
1		unit/s	✓	Crawler crane 30T, owned/leased
1		unit/s	✓	Dump truck 6.88 – 9.17 cu.m, owned/leased
1		unit/s	✓	Electric bar bender 25mm dia. capacity, owned
1		unit/s	✓	Electric bar cutter 25mm dia. capacity, owned
1		unit/s	✓	Jack hammer, owned
1		unit/s	✓	Oxy/Acetylene cutting outfit, owned
1		Unit/s	✓	Water truck (1,000 gal.), owned/leased
1		Unit/s	✓	Welding machine (400amp), owned
1		Unit/s	✓	Boom truck, owned/leased

CONSTRUCTION SAFETY AND HEALTH REQUIREMENT

The Contractor shall implement the construction safety and health program in accordance with the applicable provisions of the Occupational Safety and Health Standards (OSHS) of the Department of Labor and Employment (DOLE).

The Contractor, subject to the approval of the Engineer shall provide and maintain throughout the duration of the contract a medical room with at least 15 square meters together with all necessary supplies to be sited in the Contractor's main area.

The Contractor shall provide the following minimum requirements:

L A B O R

1	no.	Safety Engineer / Officer
1	no.	Nurse / Health Officer

EQUIPMENT / MATERIALS

Personnel Protective Equipment

20	pcs.	Hard Hats
20	pairs	Gloves (rubberized)
20	pcs.	Safety Glasses/Goggles (clear)
40	pcs.	Long sleeve T-shirt
20	pairs	Safety Shoes

Safety Devices

1	lot	Barricades
1	lot	Warning signs
1	unit/s	Fire extinguisher (10kg)

Medical and First Aid System - Ten (10) mos.

NOTE:

The Contractor shall provide the above-cited minimum construction safety and health requirements or as required by the Engineer.

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REVISED SCHEDULE OF MINIMUM TEST REQUIREMENTS OF CONSTRUCTION MATERIALS FOR PPA INFRASTRUCTURE PROJECTS

Materials/Items of Work	*Required Tests*	*Minimum Incremental Frequency of Tests*
I. Construction of Pier/Wharf, Platform and Ramp		
Structural Concrete (SC)		
A Portland Cement	Quality Test	For every 2,000 bags (40kg) or fraction thereof
B Fine Aggregate	Quality Test for Grading, Elutriation (wash), Bulk Specific Gravity, Absorption, Mortar Strength, Soundness, Organic Impurities, Unit Weight, % Clay Lumps and Shale	For every 1,500 cubic meter or fraction thereof
C Coarse Aggregate	Quality Test for Grading, Bulk Specific Gravity, Absorption and Abrasion	For every 1,500 cubic meter or fraction thereof
D Water	Certificate from the Engineer or Quality Test for Density and Chloride Content	One per source
E Steel Bars	Mill Certificate and Quality Test for Chemical Composition and Mechanical Properties	For every 10,000 kg or fraction thereof
F Concrete	Compressive Strength on cylinder samples	1 set consisting of 3 concrete cylinder samples shall be taken from each day's pouring and to represent not more than 75 cu m of concrete or fraction thereof
	Slump Test	For every mix
G Admixture and Concrete Curing Materials	Quality Test	One per shipment
Piling (P)		
A Concrete Piles	Fabrication Report	One per fabrication
1 Concrete	Same test as for SC (F)	Same frequency as SC (F)
2 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
3 High Tension Strand	Test for Chemical Composition and Mechanical Properties	For every 20000kg or fraction thereof

Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
4 Coarse Aggregates	Same Test as for SC (C)	Same frequency as SC (C)
5 Fine Aggregates	Same Test as for SC (B)	Same frequency as SC (B)
B Steel Pipe Piles	Fabrication Report, Mill Certificate and Quality Test for Chemical and Mechanical properties	One per fabrication
1 Steel	Chemical Composition (refer below)	
	- Under 14" (355 60mm) Outside Diameter	2 from 200 pipe of fraction thereof
	- 14" to 36" (355 6 to 914mm) Outside Dia	2 from 100 pipe or fraction thereof
	- Over 36" (914mm) Outside Diameter	2 from 3000ft (914m) or fraction thereof
	Mechanical/Tensile	One (1) tension test shall be made on one length or fraction thereof of each size, or one piece of skelp representing each lot of 200 lengths or fraction thereof of each size
2 Polyurethane Coating	Mill Certificate and Quality Test	One per fabrication
3 Concrete	Same test as for SC (F)	Same frequency as SC (F)
4 Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
5 Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
6 Steel Bars	Same Test as SC (E)	Same frequency as SC (E)
7 Water	Same Test as SC (D)	Same frequency as SC (D)
Rubber Dock Fenders (RDF)	Physical Test	All units
	Performance Test for Energy Absorption and Reaction Force	All units
Accessories		
Washer and Fixing Bolt, Anchor Bolt	Physical Test	All units
	Quality Test for Chemical Composition and Mechanical Properties	One per fabrication

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
Mooring Bollard (MB) and Accessories (Hexagon Nuts, Plain Washer, Anchor Ring and Anchor Bolt)	Physical Test Quality Test for Chemical Composition and Mechanical Properties	All Units One per fabrication
II. Construction of Back-Up Area, Causeway and Pavement		
Sheet Piling (SP)		
A Concrete Sheet Piles		
1 Concrete	Same test as for SC (F)	Same frequency as SC (F)
2 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
3 High Tension Strands	Same test as for P (A 3)	Same frequency as P (A 3)
4 Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
5 Coase Aggregates	Same Test as for SC (C)	Same frequency as SC (C)
B Steel Pipe Piles		
1 Steel	Same test as for P (B1)	Same frequency as P (B1)
2 Concrete	Same test as for SC (F)	Same frequency as SC (F)
3 Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
4 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)

Materials/Items of Work	*Required Tests*	*Minimum Incremental Frequency of Tests*
G Admixture and Concrete Curing Material	Same test as for SC (G)	Same frequency as SC (G)
H Concrete	Same test as for SC (F)	Same frequency as SC (F)
	Flexural Test	3 beam samples for every 330 sq m or fraction thereof
I Completed Pavement	Core Test	1 set (3 specimen) for every 2,500 sq m and fraction thereof
Interlocking Concrete Blocks		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Admixture & Concrete Curing Materials	Same test as for SC (G)	Same frequency as SC (G)
F Completed Blocks	Physical Test and Compressive Strength	6 blocks per day of fabrication
Cement Treated Base Course (CTB)		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine & Coarse Aggregates	Quality Test for Grading, Abrasion and Soundness	For every 1,500 cubic meter or fraction thereof
C Water	Same test as for SC (D)	Same frequency as SC (D)
D Completed CTB	Field Density Test	For every layer of 150mm of compacted depth at least one group of three in-situ density test every 500 sq m or fraction thereof
Retaining Wall/Coping Wall/RC Curb/RC Ditch/Shear Key/Concrete Blocks\Lean Concrete		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)

Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
F Admixture and Concrete Curing	Same test as for SC (G)	Same frequency as SC (G)
G Concrete	Same test as for SC (F)	Same frequency as SC (F)
Tie Rod		
A Steel	Same test as for SC (E)	One per batch
B Assembly	Performance Test (Tension)	One per batch
Tie Bars and Dowels	Same test as for SC (E)	For every 10,000 kg or fraction thereof per Tie bars and Dowels
Pipe Culverts and Storm Drains		
A Pipes	Test for Strength, Absorption and Physical	For every 50 pieces
B Mortar or Joint	Same Test as for SC (A,B and D) Alternative Test Same test as for SC (F) and Inspection Report	For every 25 pieces
Concrete Hollow Blocks		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Water	Same test as for SC (D)	Same frequency as SC (C)
D Concrete	Same test as for SC (F)	Same frequency as SC (F)
E Completed CHB	Quality Test	One for every 500 pieces or fraction thereof
Construction Joints (CJ)		
A Angle Bars	Test for Physical and Mechanical Properties	One per batch
B Steel Bars	Same test as for SC (E)	One per batch
C Zinc (Hot Dip Galvanizing) Coatings	Physical Test for Appearance, Stripping, Weighing, Adherence and Adhesion	All units
	Coating Thickness Magnetic Thickness Measurement	1 set (3 specimen) for every 100,000 sq mm or fraction thereof

Materials/Items of Work	*Required Tests*	*Minimum Incremental Frequency of Tests*
Sacked Concrete		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Concrete	Same test as for SC (F)	Same frequency as SC (F)
F Sack (jute)	Physical Test	One for every 50 pieces
Rubble Concrete		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Concrete	Same test as for SC (F)	Same frequency as SC (F)
F Rocks	Same test as for ROCKS	Same frequency as ROCKS
Earthworks		
A Sub-grade preparation	Grading Test Plasticity Test (LL,PL,PI) Laboratory Compaction Test Density Test	For every 1,500 cubic meter or fraction thereof For every layer of 150mm of compacted depth at least one group of three in-situ density test every 500 sq m or fraction thereof
B Structure Excavation	If excavated materials shall be used as Backfill Grading Test Plasticity Test (LL,PL,PI) Laboratory Compaction Test Density Test	For every 1,500 cubic meter or fraction thereof For every layer of 150mm of compacted depth at least one group of three in-situ density test every 500 sq m or fraction thereof

Materials/Items of Work	*Required Tests*	*Minimum Incremental Frequency of Tests*
III Port Operations Building/Passenger Terminal Building/Transit Shed/Warehouse		
STRUCTURAL WORKS	Refer to Structural Concrete (SC) and Piling Works (P)	
ARCHITECTURAL WORKS		
Ceramic – Filled Liquid Membrane / Water Proofing, Hydrophobic Poreblocking Ingredients with Superplasticizer	Physical Property, Mechanical and Chemical Property, Leak Test / Flood Test	One per shipment
Paint	Quality Test	One 4-L can for every 100 cans or fraction thereof
Ceramic Tile	Inspection and Evaluation Report from the Engineer	One per shipment
Stainless Steel	Inspection and Evaluation Report from the Engineer	One per shipment
Roofing Materials	Inspection and Evaluation Report from the Engineer	One per shipment
Ceiling Materials	Inspection and Evaluation Report from the Engineer	One per shipment
ELECTRICAL AND MECHANICAL WORKS		
Wires / Cables	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Electrical Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Fire Alarm System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Wiring Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment

Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
Protective Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Telephone System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
CCTV System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
CATV System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Background Music and Paging System	Inspection and Evaluation Report from the Engineer, Testing and Commissioning	One per item
Air Conditioning Units & Ventilation	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Conduit Pipes	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Lighting Fixtures	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
PLUMBING WORKS		
Pipes	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item

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Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
Fixtures	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Pipe Culverts	Compression Strength Inspection and Evaluation Report from the Engineer	For every size not more than 25 pipes cast in the field
IV Miscellaneous Materials Fencing A Barbed Wire, Cyclone Wire Mesh, Chain Link B Concrete Post	Physical Test (Dimensions and Coatings) Refer to Superstructure (SC)	One per Batch Refer to Superstructure (SC)
Lamp Post A Structural Steel B Zinc (Hot Dip Galvanizing) Coatings	Physical Test (Dimensions) Same test as for SC (E) Same test as for CJ (C)	All units One per batch
Drainage Steel Grating	Same test as for SC (E) Inspection Report	One (1) batch
Metal Pipe (Cast Iron Galvanized, etc)	Physical Test (Dimensions and Coatings)	1 per delivery
Welding Works	Destructive and Non Destructive Test	One (1) per lot

NOTES
1. **Testing of RDF shall be performed only by an independent Testing Laboratory duly accredited by BRS, DOST and PPA**
2. **Testing of other materials shall be performed only by an independent Testing Laboratory duly accredited by BRS and PPA.**
3. **All other issuances which are otherwise inconsistent herewith are hereby revoked or otherwise amended.**

Approved

RAUL T. SANTOS
Officer-In-Charge,
Office of the General Manager

SECTION IX

CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages)

Technical Documents

☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

☐ (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**

☐ (d) Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**

☐ (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**

(f) Project Requirements, which shall include the following:

☐ a. Organizational chart for the contract to be bid;

☐ b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;

☐ c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**

☐ (g) Original duly signed Omnibus Swom Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

☐ (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

☐ (i) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence;
or
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

☐ (j) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

☐ (k) Original of duly signed Bid Prices in the Bill of Quantities; **and**

☐ (l) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**

☐ (m) Cash Flow by Quarter.

SECTION X

BIDDING FORM

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____
Project Identification No. : _____

To: **Philippine Ports Authority**
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers _____, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: **IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING , PORT OF TABACO, ALBAY;**

b. We offer to execute the Works for this Contract in accordance with the PBDs;

c. The total price of our Bid in words and figures, excluding any discounts offered below is: _____;

d. The discounts offered and the methodology for their application are: _____;

e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties],* which are itemized herein and reflected in the detailed estimates,

f. Our Bid shall be valid within the period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;

g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of _____ percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines[1] for this purpose;

h. We are not participating, as Bidders, in more than one Bid in this bidding process,

[1] currently based on GPPB Resolution No. 09-2020

other than alternative offers in accordance with the Bidding Documents;

i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and

j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the **IMPROVEMENT/RESTORATION OF TMO/PTB 1& 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING, PORT OF TABACO, ALBAY** of the **Philippine Ports Authority**.

l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

STATEMENT OF THE BIDDER'S ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS, INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED

I hereby declare that all ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid are listed below:

Name of outstanding Contracts 1]	Owner's Name and Address	Scope of Work 2]	Contractor's Role and Percentage of Participation 3]	Total Contract Amount or Value 4]	Date of Contract and NOA 5]	Value of Outstanding Works 6]	Accomplishment (In percentage, %) 7]		Contract Duration 8]	
							Planned	Actual	Start of Project	Estimated Completion Date
A) Government Contracts										
i. On-going										
ii. Awarded but not yet started										
B) Private Contracts										
i. On-going										
ii. Awarded but not yet started										

NOTE:
1] As appearing in the contract executed by the parties.
2] With special reference to the Scope of Works of the Project as described/enumerated in the Contract.
3] Indicate the percentage of participation and whether as Sole Contractor, Sub-Contractor or Member in a Joint Venture / Consortium.
4] Indicate the FOREX used if Contract Value is expressed in a currency other than the Philippine Peso.
5] As appearing in the Contract and Notice of Award (NOA).
6] Amount or value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.
7] Percentage of Accomplishment as of the preceding month which should not be earlier than two (2) months from the date of bid submission.
8] As appearing in the Notice to Proceed and Contract.

This Statement shall be supported by:
a) Notice of Award
b) Notice to Proceed and Contract

Name of Firm	Name of Bidder/Authorized Representative (Signatory's Legal Capacity)	Date

Revised: September 2021

STATEMENT OF THE BIDDER'S SINGLE LARGEST COMPLETED CONTRACT (SLCC) SIMILAR TO THE CONTRACT TO BE BID

Name of the completed Contract 1]	Owner's Name and Address	Scope of Work 2]	Contractor's Role and Percentage of Participation 3]	Total Contract Value At 4]			Date of Award 5]	Contract Duration 6]	
				Award	Completion	Escalated Value to Present Prices		Start	Completed

NOTE :

1] As appearing in the contract executed by the parties.
2] With special reference to the Scope of Works of the Project as described/enumerated in the Contract.
3] Indicate the percentage of participation and whether as Sole Contractor, Sub-Contractor or Member in a Joint Venture / Consortium.
4] Indicate the FOREX used if Contract Value is expressed in a currency other than the Philippine Peso. Attached the computation for the escalated contract value.
5] As appearing in the Notice of Award.
6] As appearing in the Notice to proceed and Certificate of Completion.

A. The bidder must have an experience of having completed a SLCC that is similar to the contract to be bid equivalent to at least fifty percent (50%) of the ABC, adjusted if necessary, by the Bidder to current prices using the PSA consumer price indices. A contract is considered to be "similar" to the contract to be bid if it has the same Major Categories of Work as stated in the Bid Data Sheet (BDS).
B. This Statement shall be supported by:
   a. Notice of Award, Notice to Proceed and Contract.
   b. Project Owner's Certificate of Final Acceptance issued by the owner and/ or Constructors Performance Evaluation System (CPES) Final Rating, which must be at least Satisfactory. The said Certificate of Acceptance shall contain the following: 1) Name of project owner that issued the certificate, 2) Name of Contractor/ Constructor, 3) Name of Contract, and 4) Contract Duration.
   c. Recapitulation or Final Bill of Quantities.

Name of Firm	Name of Bidder/Authorized Representative (Signatory's Legal Capacity)	Date

Revised: September 2021

STATEMENT OF THE BIDDER'S EXPERIENCE ON MAJOR CATEGORIES OF WORK OF THE SLCC INCLUDING OTHER COMPLETED CONTRACTS SIMILAR TO THE CONTRACT TO BE BID

Major Categories of Work 1]	Unit of Measure 1]	Quantity 1]	SLCC similar to the contract to be bid 2]	Other completed contracts similar to the contract to be bid 2]			Unit of Measure 2]	Quantity 2]
			Name of the contract	Name of the contract	Name of the contract	Name of the contract		
1. Two-Storey Building	sq.m.	543.70						

NOTE:
1] As stated in the Bid Data Sheet.
2] As appearing in the Recapitulation and/ or Final Bill of Quantities.
This statement shall be supported by:

a. Notice of Award, Notice to Proceed and Contract.
b. Project Owner's Certificate of Final Acceptance issued by the owner and/ or Constructors Performance Evaluation System (CPES) Final Rating, of at least satisfactory. The said Certificate of Acceptance shall contain the following: 1) Name of project owner that issued the certificate, 2) Name of Contractor/Constructor, 3) Name of Contract, and 4) Contract Duration.
c. Recapitulation and/ or Final Bill of Quantities.

Name of Firm

Name of Bidder/Authorized Representative
Signatory's Legal Capacity

Date

Revised: September 2021

FINANCIAL DATA

A. The prospective bidder's audited Financial Statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "RECEIVED" by the Bureau of Internal Revenue (BIR), or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.

	Year
1. Total Assets	
2. Current Assets	
3. Total Liabilities	
4. Current Liabilities	
5. Net worth (1-3)	
6. Net Working Capital (2-4)	

B. The computation of the bidders Net Financial Contracting Capacity (NFCC) must be at least equal to the ABC to be bid, as follows:

NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.

NFCC = _____

Attached herewith are certified true copies of the audited financial statements stamped received by the BIR or BIR authorized collecting agent for the latest/immediately preceding calendar year.

_____
Name of Firm/Applicant

_____
Authorized Signing Official

Date:_____

NOTES:

If Partnership or Joint Venture, each Partner or Member Firm of Joint venture shall submit separate financial statements.

STATEMENT OF THE BIDDER'S KEY PERSONNEL PLEDGED FOR THE CONTRACT TO BE BID

I hereby declare that the following key personnel are qualified and available for the duration of the contract to be bid:

Position of Key Personnel 1]	Name	No. of Key Personnel	Similar Experience in the Position (Years) 2]	Total Experience in the Position (Years)	Attachment(s)	Annex(es)
Project Manager					PRC License (CE Preferred) Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Project Engineer					PRC License (CE Preferred) Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Materials Engineer I					PRC License (CE Preferred) Submit Valid and Renewed DPWH Certificate of Accreditation Submit Accreditation Identification Card as Materials Engineer Complete Qualification and Experience Data Certificate of Commitment	Annex "_
Construction Safety and Health Officer					Certificate of Safety and Health Construction Related Course issued by DOLE Accredited Trainings Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Foreman					Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Other Position(s)					Complete Qualification and Experience Data Certificate of Commitment	Annex "_"

NOTE: 1] As stated in the Bid Data Sheet

2] The number of years of experience of the key personnel shall be as indicated in the qualification and experience data or curriculum vitae.
Minimum qualification requirements: The key personnel must have a work experience that is similar in nature and complexity to the contract to be bid.

Project Manager - Five (5) years
Project Engineer - Three (3) years
Foreman - Five (5) years

Materials Engineer – One (1) year
Materials Engineer I – for projects costing up to 100M
Materials Engineer II – for projects costing more than 100M
Construction Safety and Health Officer – One (1) year

Name of Firm

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Date

Revised: September 2021

STATEMENT OF THE BIDDER'S EQUIPMENT PLEDGED FOR THE CONTRACT TO BE BID

I hereby declare that the following equipment are in good operating condition and available for the duration of the contract to be bid:

DESCRIPTION (Type, Model, Make)	No. of Unit(s)	Capacity/ Output 1]	Owned, Leased, and/or under purchased agreement 2]	Proof of Ownership/ Leased/ Under Purchase Agreement (Mark as Annex "A.....Z") 3]	OTHER INFORMATION (As Applicable)				
					Manufacturer	Engine Serial No.	Chassis No./ Name of Vessel	Location	Status

NOTE:

1] The unit of capacity of the pledged equipment shall be as indicated in the Proof of Ownership, i.e. GW (for crane barge), DWT (for deck barge and hopper barge), Ton (for crane, road roller and drop hammer), kg.-m/blow (for diesel hammer), cu.m. (for dump truck), hp (for tugboat, road grader, bulldozer and concrete vibrator), cfm (for compressor), gal (for water truck with pump), amp (for welding machine), bagger (for concrete mixer). If the capacity of the pledged equipment is not indicated in the Proof of Ownership/Leased Contract/Purchased Agreement, submit other proof of capacity such as specifications, brochures or other verifiable printouts indicating the model name, model number and other details of the equipment.

2] Indicate if the pledged equipment are owned, leased or under purchase agreement.

3] If the pledged equipment is owned, it should be in the name of the bidder. Submit proof of ownership, i.e. deed of sale, sales invoice, official receipt; For owned Water Truck, Dump Truck and Transit Mixer submit LTO Certificate of Registration and valid Official Receipt; For owned barge/tugboat, submit Marina Certificate of Ownership and valid Cargo Ship Safety Certificate.

If the pledged equipment is leased/under purchased agreement, submit the following:

For equipment under lease agreement:

a. certification of availability of equipment from the equipment lessor for the duration of the project
b. duly Notarized copy of lease contract
c. For Water Truck, Dump Truck, Cargo Truck and Transit Mixer submit LTO Certificate of Registration and valid Official Receipt

For equipment under purchase agreement:

a. certification of availability of equipment from the equipment vendor
b. duly Notarized copy of purchase agreement
d. For Water Truck, Dump Truck, Cargo Truck and Transit Mixer submit LTO Certificate of Registration and valid Official Receipt or copy of conduction sticker, whichever is applicable.

If the pledged barge/tugboat is leased/under purchase agreement, submit certification of availability of barge/tugboat from the equipment lessor/vendor for the duration of the project, and duly Notarized copy of leased contract/purchased agreement together with a copy of the Marina Certificate of Ownership and valid Cargo Ship Safety Certificate.

The Minimum Major Equipment Requirements are listed in Section 8, Annex 3.

Name of Firm	Name of Bidder/Authorized Representative (Signatory's Legal Capacity)	Date

Revised: September 2021

Omnibus Sworn Statement for Sole Proprietorship

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, _____, of legal age, [Civil Status], [Nationality], and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the sole proprietor or authorized representative of _____ with office address at _____;

2. As the owner and sole proprietor, or authorized representative of _____, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING AT PORT OF TABACO CITY, ALBAY** of the **Philippine Ports Authority**, as shown in the attached duly notarized Special Power of Attorney;

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. The owner or sole proprietor is not related to the Head of the Procuring Entity, Procuring Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

   a. Carefully examining all of the Bidding Documents;
   b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
   c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
   d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

_____
Name of Bidder/ Authorized Representative
(Signatory's Legal Capacity)
AFFIANT

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement for Partnership or Cooperative

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, _____, of legal age, [Civil Status], [Nationality], and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the duly authorized and designated representative of _____ with office address at _____;

a. I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING , PORT OF TABACO CITY, ALBAY**;of the **Philippine Ports Authority**, as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, Procuring Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

a. Carefully examining all of the Bidding Documents;
b. Acknowledging all conditions, local or otherwise, affecting the implementation of the

Contract;

c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

_____
Name of Bidder/ Authorized Representative
(Signatory's Legal Capacity)
AFFIANT

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement for Corporation or Joint Venture

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, _____, of legal age, [Civil Status], [Nationality], and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the duly authorized and designated representative of _____ with office address at _____;

2. I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **IMPROVEMENT/RESTORATION OF TMO/PTB 1 AND 2, PORT LIGHTING SYSTEM, COVERED WALKWAY, GUEST AND SECURITY BUILDING , PORT OF TABACO CITY, ALBAY,** as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, Procuring Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

   a. Carefully examining all of the Bidding Documents;
   b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
   c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
   d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project].*

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

_____
Name of Bidder/ Authorized Representative
(Signatory's Legal Capacity)
AFFIANT

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION

Project Identification No.: _____

To: **Philippine Ports Authority**
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f),of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
   a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
   b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
   c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month] [year]* at *[place of execution]*.

_____
Name of Bidder/ Authorized Representative
(Signatory's Legal Capacity)
AFFIAN

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

CONSTRUCTION METHODOLOGY

Name of Project : _____

Project Description : _____

Location : _____

MINIMUM SCOPE OF CONSTRUCTION METHODOLOGY

A. PASSENGER TERMINAL BUILDING 1/TMO

1. Removal and Disposal Damaged Ceiling, Aluminum Doors and Windows and other obstruction (1 lot)
2. Supply and installation of concrete barriers (14 sets)
3. Supply and place reinforced concrete for ramp and stairs including railings and non-skid ceramic floor tile finish in landings and steps (1 lot)
4. Repair of Ceiling (356 sq.m)
5. Supply and Installation of uPVC framed w/ laminated glass windows including enclosure of window and door openings (66.24 sqm)
6. Supply & Installation of various doors including accessories (48.15 sqm)
7. Supply & Installation of Metal Sliding Storm Shutter (70.08 sqm)
8. Painting of Ceiling, Interior and Exterior Walls (2,863.36 sqm)
9. Supply and Install Restroom Fixtures and Toilet & Bath Modular Partitions (1 lot)
10. Replacement of electrical wirings and fixtures (1 l.s)
11. Replacement of Tiles at Passenger's Waiting area and comfort room (470.28 sq.m)
12. Replacement of Old to New PPA Signage and Logos (2 units)

B. PASSENGER TERMINAL BUILDING 2

1. Removal and Disposal Damaged Ceiling, Aluminum Doors and Windows and other obstruction (1 lot)
2. Replacement of Ceiling (290.80 sqm)
3. Supply and Installation of uPVC framed w/ laminated glass windows including enclosure of window openings (42.30 sqm)
4. Supply & Installation of Metal Sliding Storm Shutter (48.12 sqm)
5. Supply & Installation of various Doors (23.47 sqm)
6. Repainting of Interior and Exterior Walls and Ceiling (563.81 sqm)
7. Supply and Installation Plumbing Fixtures and Modular Cubicle Partitions (1 lot)
8. Replacement of Floor Tiles (351.98 sqm)
9. Replacement of Lighting Fixtures and Wirings (1 lot)
10. Repair/Replacement of Roofing (278.24 sqm)
11. Supply and Installation of Concrete Canopy, Partition at 2nd Flr & Plant Box (1 lot)

C. GUEST AND SECURITY BUILDING

1. Removal and Disposal Damaged Ceiling, Aluminum Doors and Windows and other obstruction (1 lot)
2. Supply and Install Reinforcing Steel Bars (5,470.08 kgs)
3. Supply and Place 3500 psi Concrete (46.64 cum)
4. Replacement of Steel Trusses and Roofing Sheet including aluminum roof insulation (213.44 sqm)
5. Replacement of Ceiling (191 sqm)
6. Installation of CHB and Dry Wall (405.05 sqm)
7. Painting of Ceiling, Interior and Exterior Walls, (1,049.99 sqm)
8. Replacement of Lighting Fixtures and Wirings (1 lot)
9. Supply and Installation of various type of Doors (30.51 sqm)
10. Supply and installation of uPVC framed with laminated glass windows (20.80 sq.m)
11. Supply and Installation of Plumbing Fixtures and connection (1 lot)
12. Supply and Installation of Floor and Wall Tiles (234.25 sqm)
13. Supply and Installation of Millwork Cabinet (1 lot)
14. Construction of Septic Tank and Catch Basin (1 set)
15. Supply and Installation of Window Shutter (23.64 sqm)

D. WALKWAY

1. Removal and Disposal of the Existing Walkway (1 lot)
2. Supply and Installation of Roofing including Bulkhead wall lamp outdoor (461.25 sqm)

E. PORT LIGHTING SYSTEM

1. Supply and Installation of LED Weatherproof Floodlights (20 sets)

NOTES:

The narrative construction method will guide and familiarize the contractor and the PPA on how the project shall be carried out in accordance with the highest standard of workmanship.

The construction method shall be consistent with the Bar Chart / S-Curve Schedule, Equipment Schedule and Manpower Schedule.

_____
Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Revised: September 2021

MANPOWER SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

MANPOWER (Minimum)	CONTRACT DURATION (_____ Calendar Days)									
	MONTHLY									
	1	2	3	4	5	6	7	8	9	10
Project Manager										
Project Engineer										
Materials Engineer I										
Construction Safety and Health Officer										
Foreman										
Specify other applicable positions, ie.:										
- Carpenter										
- Steelman										
- Mason										
- Electrician										
- Rigger										
- Others										

_____
Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Revised: September 2021

EQUIPMENT UTILIZATION SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

EQUIPMENT (Minimum)	No. of Units	CONTRACT DURATION (_____ Calendar Days)									
		MONTHLY									
		1	2	3	4	5	6	7	8	9	10

_____
Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Revised: September 2021

CASHFLOW BY QUARTER AND PAYMENT SCHEDULE

Name of Project: : _____

Project Description : _____

Location : _____

Project Duration (days or months)	Payment Schedule (Monthly, in Pesos)	Cash flow (Quarterly, in Pesos)
TOTAL		

NOTES

- The cash flow by quarter and payment schedule should be consistent with the Bar Chart and S-curve.
- Payment schedule shall not be more than once a month.

_____
Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Revised: September 2021

Contract Agreement Form for the Procurement of Infrastructure Projects (Revised)

[not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT AGREEMENT

THIS AGREEMENT, made this _____ day of _____, _____ between **Philippine Ports Authority** with principal office at PPA Building, Bonifacio Drive, South Harbor, Port Area, Manila (hereinafter called the "Entity") and **[name and address of Contractor]** (hereinafter called the "Contractor").

WHEREAS, the Entity is desirous that the Contractor execute **[name and identification number of contract]** (hereinafter called "the Works") and the Entity has accepted the Bid for **[contract price in words and figures in specified currency]** by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.

2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, *viz.*:

   a. Philippine Bidding Documents (PBDs);
      i. Drawings/Plans;
      ii. Specifications;
      iii. Bill of Quantities;
      iv. General and Special Conditions of Contract;
      v. Supplemental or Bid Bulletins, if any;

   b. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

   Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

   c. Performance Security;

   d. Notice of Award of Contract and the Bidder's conforme thereto; and

e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

3. In consideration for the sum of **[total contract price in words and figures]** or such other sums as may be ascertained, **[Named of the bidder]** agrees to **[state the object of the contract]** in accordance with his/her/its Bid.

4. The **Philippine Ports Authority** agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

JAY DANIEL R. SANTIAGO General Manager	**Name of Bidder/ Authorized Representative** (Signatory's Legal Capacity)
for:	for:
Philippine Ports Authority	**Contractor**

Acknowledgment

[Format shall be based on the latest Rules on Notarial Practice]