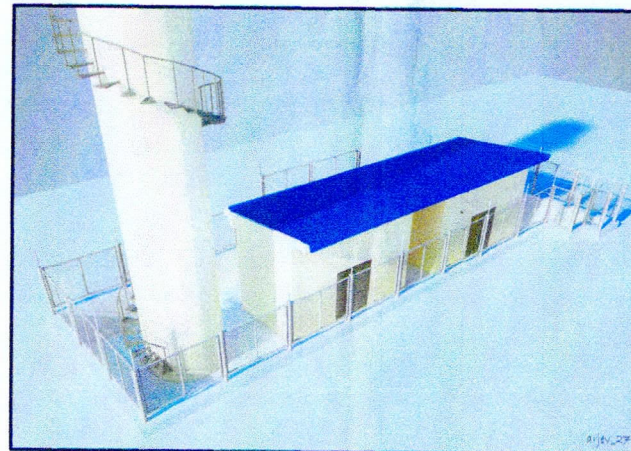
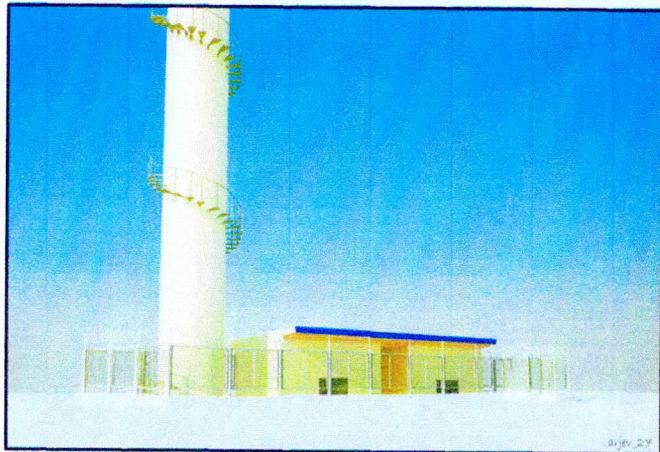




PERSPECTIVE



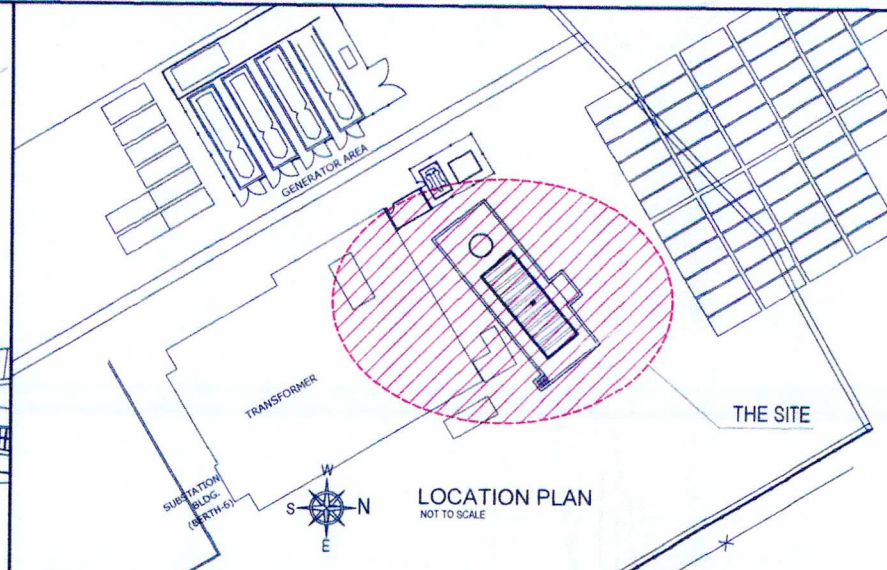
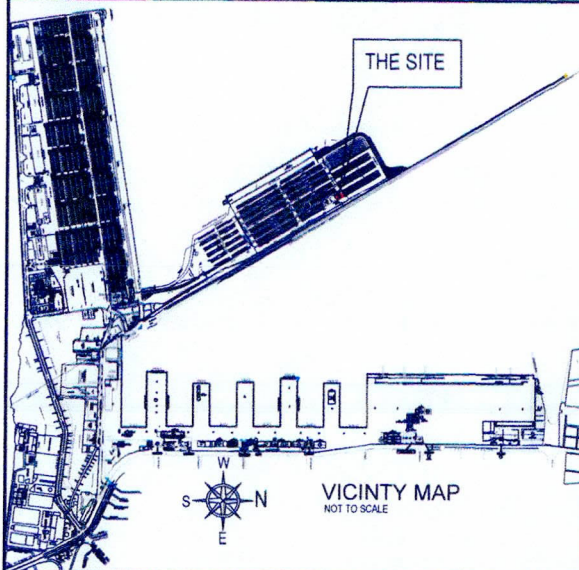
# PHILIPPINE PORTS AUTHORITY PMO - NCR NORTH R10 ROAD, PORT AREA, MANILA

## INDEX OF CONTENTS

### A. MAINTENANCE OF VTMS RADAR STATION

|              |       |                                 |
|--------------|-------|---------------------------------|
| ARCHITECTURE | A - 1 | PERSPECTIVE                     |
|              |       | VICINITY MAP                    |
|              |       | LOCATION MAP                    |
|              | A - 2 | SITE DEVELOPMENT PLAN           |
|              |       | FLOOR LAYOUT (FACILITY)         |
|              | A - 3 | TOWER PLAN                      |
|              |       | TOWER ELEVATION                 |
|              | A - 4 | FRONT ELEVATION                 |
|              |       | REAR ELEVATION                  |
|              | A - 5 | LEFT - SIDE ELEVATION           |
|              |       | RIGHT - SIDE ELEVATION          |
|              | A - 6 | LONGITUDINAL SECTION THRU "A-A" |
|              |       | CROSS SECTION THRU "B - B"      |
|              |       | SECTION DETAIL "A"              |
|              | A - 7 | ROOF PLAN                       |
|              |       | REFLECTED CEILING PLAN          |
|              |       | SECTION DETAIL "B - C"          |
|              | A - 8 | BLOW-UP PLAN OF TOILET          |
|              |       | SECTION DETAIL "A - B - C - D"  |
|              | A - 9 | FLOOR COVERING LAYOUT           |
|              |       | SCHEDULE OF DOORS AND WINDOW    |
| PLUMBING     | P - 1 | WATER SUPPLY LINE               |
|              |       | ROOF DRAINAGE PLAN              |
|              |       | NOTES                           |
| ELECTRICAL   | E - 1 | SITE DEVELOPMENT PLAN (ELEC.)   |
|              |       | TOWER ELEV. (SOLAR LIGHT LOC.)  |
|              | E - 2 | ELECTRICAL LAYOUT (LIGHTING)    |
|              |       | ELECTRICAL LAYOUT (POWER)       |
|              |       | NOTES                           |

Project Code: MPF - NCN - 04 - 2025



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

*Jevette Ilan*  
JEVETTE ILAN  
Architect II

REVIEW & SUBMITTED BY:

*Rouella Marie D. Sabate*  
ROUELLA MARIE D. SABATE  
Supervising Engineer A

APPROVED:

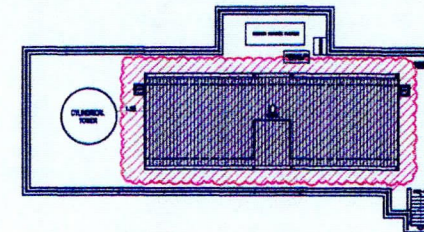
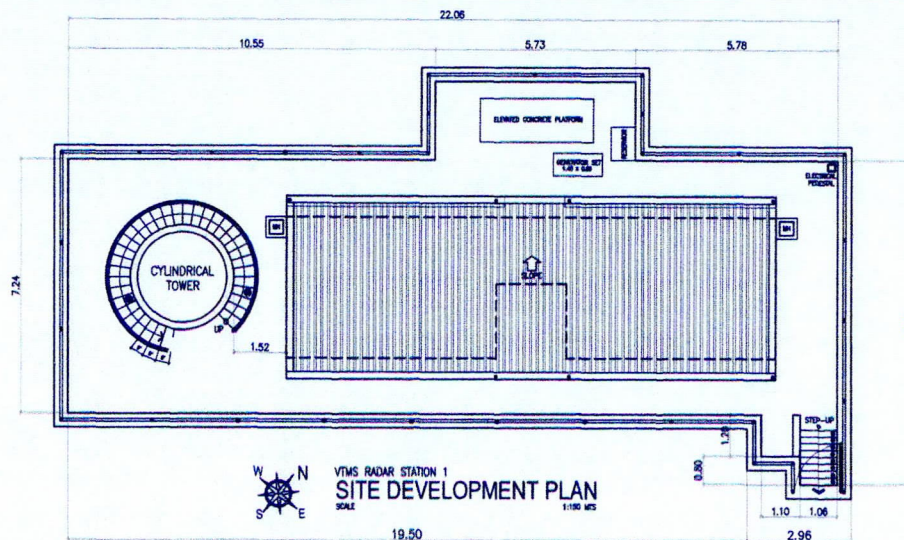
*Jenneliza D. Rebong*  
JENNELIZA D. REBONG  
Port Manager, PMO-NCR North

SHEET CONTENT:

AS SHOWN

SHEET NO:

A - 1

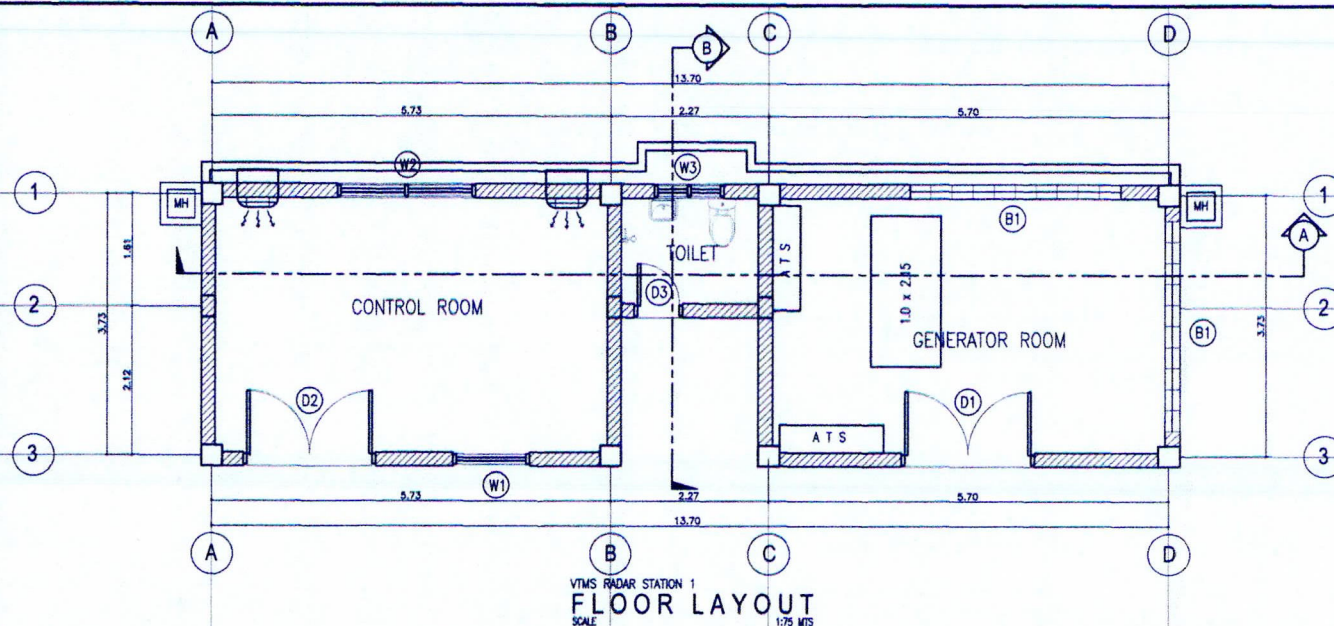


KEYPLAN 01

#### A. MAINTENANCE OF VTMS RADAR STATION 1 FACILITY

##### REPAINTING WORKS

- SURFACE PREPARATION, REMOVAL OF LOOSE PAINTS AND RUST ON SPIRAL STEEL STAIRS, HANDRAILS, RAILINGS, ANTENNA MAST, EXHAUST HOODS, STEEL DOORS, WINDOW GRILLS AND GI PIPE FENCE FRAMES
- SUPPLY AND APPLY 1-COAT EPOXY PRIMER AND 2-COAT PAINT ENAMEL PAINT ON SPIRAL STEEL STAIRS, HANDRAILS, RAILINGS ANTENNA MAST, EXHAUST HOOD, STEEL DOORS, WINDOW GRILLS AND GI PIPE FENCE FRAMES
- SUPPLY PREPARATION, SCRAPING AND REMOVAL OF LOOSE AND PEELING PAINTS ON EXTERIOR MASONRY WALLS AND CONCRETE TOWER
- SUPPLY AND APPLY 1-COAT PRIMER AND 2-COATS TOPCOAT PAINT ON EXTERIOR MASONRY WALL AND CONCRETE TOWER
- SUPPLY PREPARATION, SCRAPING AND REMOVAL OF LOOSE AND PEELING PAINTS ON INTERIOR MASONRY WALLS
- SUPPLY AND APPLY 1-COAT PRIMER AND 2-COATS TOPCOAT PAINT ON INTERIOR MASONRY WALL
- SUPPLY PREPARATION, REMOVAL OF DELAMINATED FLOOR FINISH AND PAINTS
- SUPPLY AND APPLY 2-COATS CHLORINATED RUBBER BASE PAINTS



Project Code: MPF - NCN - 04 - 2025



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

*J. Ilan*  
**JEVETTE ILAN**  
Architect II

REVIEW & SUBMITTED BY:

*R. Marie D. Sabate*  
**ROUELLA MARIE D. SABATE**  
Supervising Engineer A

APPROVED:

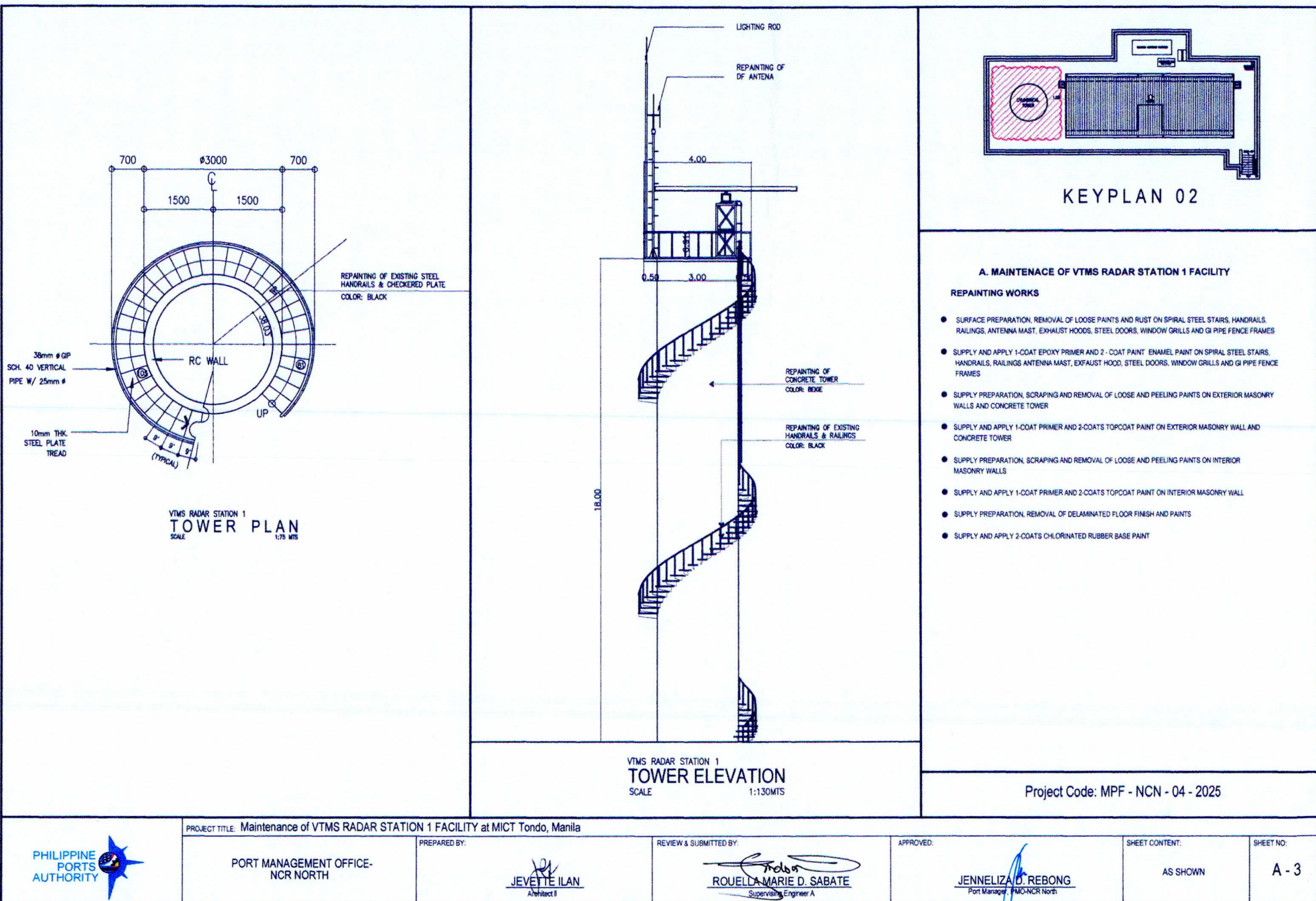
*J. Rebong*  
**JENNELIZA D. REBONG**  
Port Manager PMO-NCR North

SHEET CONTENT:

AS SHOWN

SHEET NO:

A - 2



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

*Jevette Ilan*  
**JEVETTE ILAN**  
Architect II

REVIEW & SUBMITTED BY:

*Rouella Marie D. Sabate*  
**ROUELLA MARIE D. SABATE**  
Supervising Engineer A

APPROVED:

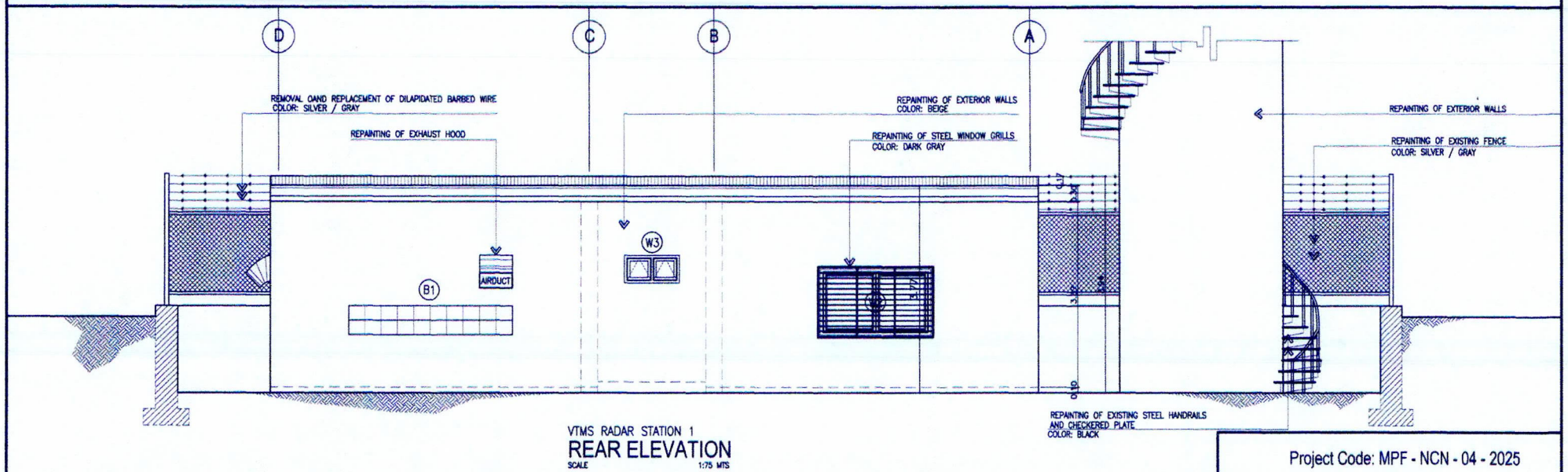
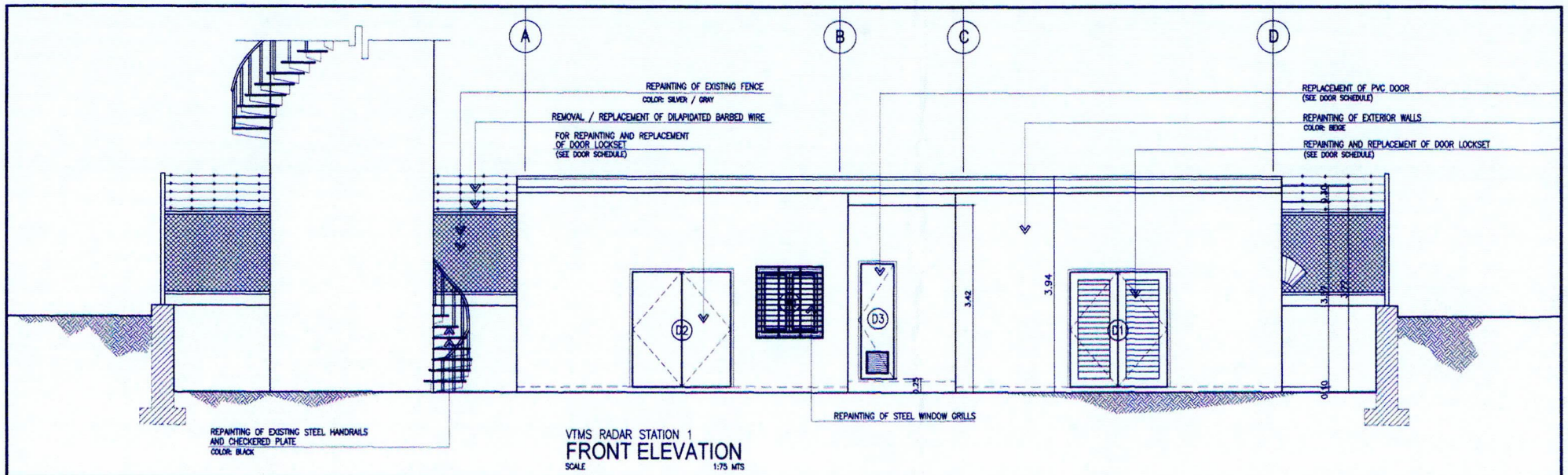
*Jenneliza D. Rebong*  
**JENNELIZA D. REBONG**  
Port Manager, PMO-NCR North

SHEET CONTENT:

AS SHOWN

SHEET NO:

A - 3



Project Code: MPF - NCN - 04 - 2025



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

JEVETTE ILAN  
Architect II

REVIEW & SUBMITTED BY:

ROUELLA MARIE D. SABATE  
SuperVising Engineer A

APPROVED:

JENNELIZA D. REBONG  
Port Manager, PMO-NCR North

SHEET CONTENT:

AS SHOWN

SHEET NO:

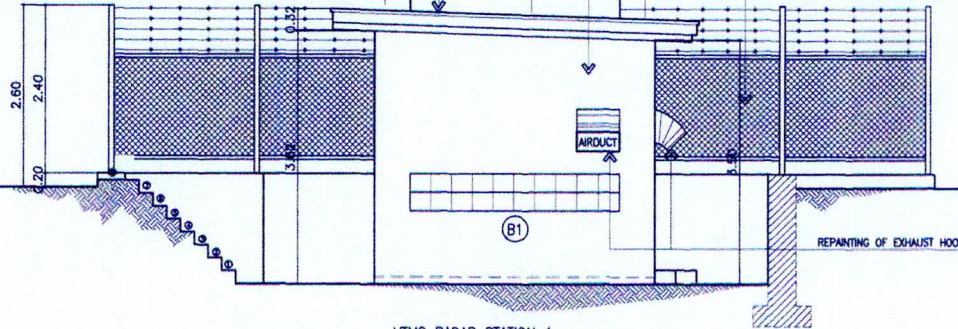
A - 4

REPAINTING OF HANDRAILS, RAILINGS AND SPIRAL STEEL STAIRS  
COLOR: BLACK

REPLACEMENT OF DILAPIDATED ROOFING SHEETS,  
GUTTER, FLASHING & DOWNSPOUT

REPAINTING OF EXTERIOR WALLS  
COLOR: BEIGE

REPAINTING OF EXISTING FENCE  
COLOR: SILVER / GRAY

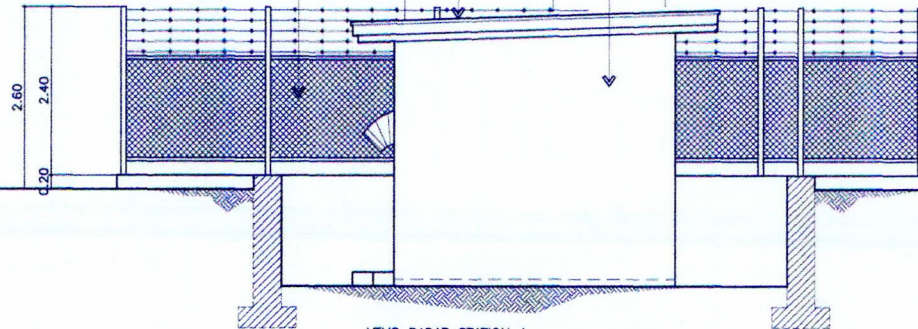


VTMS RADAR STATION 1  
LEFT - SIDE ELEVATION  
SCALE 1:75 MTS

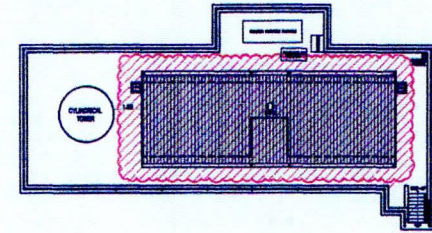
REPLACEMENT OF DILAPIDATED ROOFING SHEETS,  
GUTTER, FLASHING & DOWNSPOUT

REPAINTING OF EXISTING FENCE  
COLOR: SILVER / GRAY

REPAINTING OF EXTERIOR WALLS  
COLOR: BEIGE



VTMS RADAR STATION 1  
RIGHT - SIDE ELEVATION  
SCALE 1:75 MTS



KEYPLAN 01

#### A. MAINTENANCE OF VTMS RADAR STATION 1 FACILITY

##### REPAINTING WORKS

- SURFACE PREPARATION, REMOVAL OF LOOSE PAINTS AND RUST ON SPIRAL STEEL STAIRS, HANDRAILS, RAILINGS, ANTENNA MAST, EXHAUST HOODS, STEEL DOORS, WINDOW GRILLS AND GI PIPE FENCE FRAMES
- SUPPLY AND APPLY 1-COAT EPOXY PRIMER AND 2 - COAT PAINT ENAMEL PAINT ON SPIRAL STEEL STAIRS, HANDRAILS, RAILINGS ANTENNA MAST, EXHAUST HOOD, STEEL DOORS, WINDOW GRILLS AND GI PIPE FENCE FRAMES
- SUPPLY PREPARATION, SCRAPING AND REMOVAL OF LOOSE AND PEELING PAINTS ON EXTERIOR MASONRY WALLS AND CONCRETE TOWER
- SUPPLY AND APPLY 1-COAT PRIMER AND 2-COATS TOPCOAT PAINT ON EXTERIOR MASONRY WALL AND CONCRETE TOWER
- SUPPLY PREPARATION, SCRAPING AND REMOVAL OF LOOSE AND PEELING PAINTS ON INTERIOR MASONRY WALLS
- SUPPLY AND APPLY 1-COAT PRIMER AND 2-COATS TOPCOAT PAINT ON INTERIOR MASONRY WALL
- SUPPLY PREPARATION, REMOVAL OF DELAMINATED FLOOR FINISH AND PAINTS
- SUPPLY AND APPLY 2-COATS CHLORINATED RUBBER BASE PAINTS

Project Code: MPF - NCN - 04 - 2025



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

JEVETTE LILAN  
Architect I

REVIEW & SUBMITTED BY:

ROUELLA MARIE D. SABATE  
Supervising Engineer A

APPROVED:

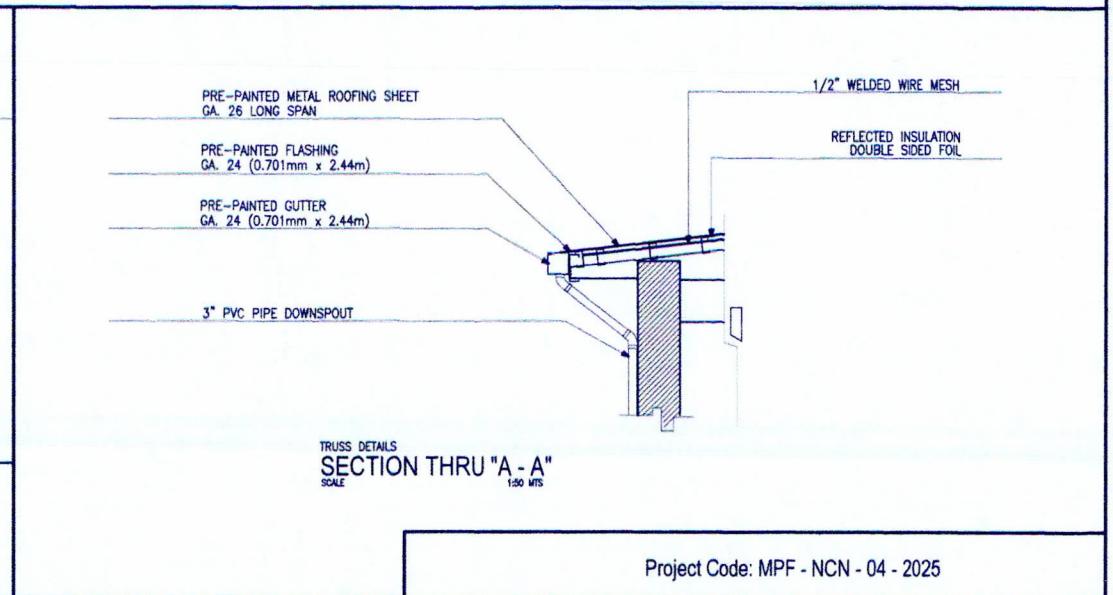
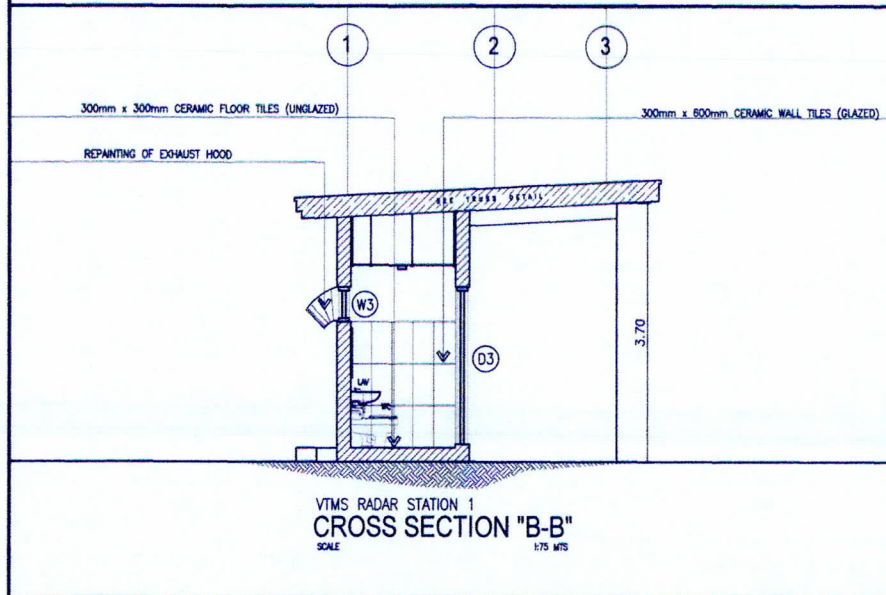
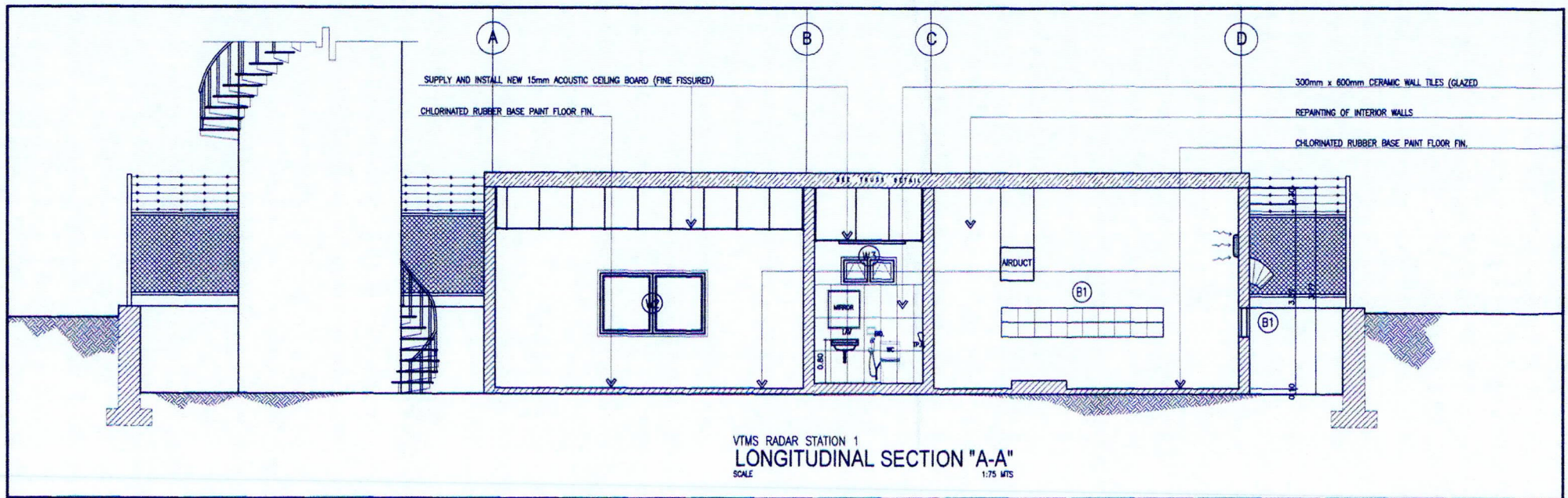
JENNELIZA D. REBONG  
Port Manager, PMO-NCR North

SHEET CONTENT:

AS SHOWN

SHEET NO:

A - 5



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

JEVETTE ILAN  
Architect II

REVIEW & SUBMITTED BY:

ROUELLE MARIE D. SABATE  
Supervising Engineer A

APPROVED:

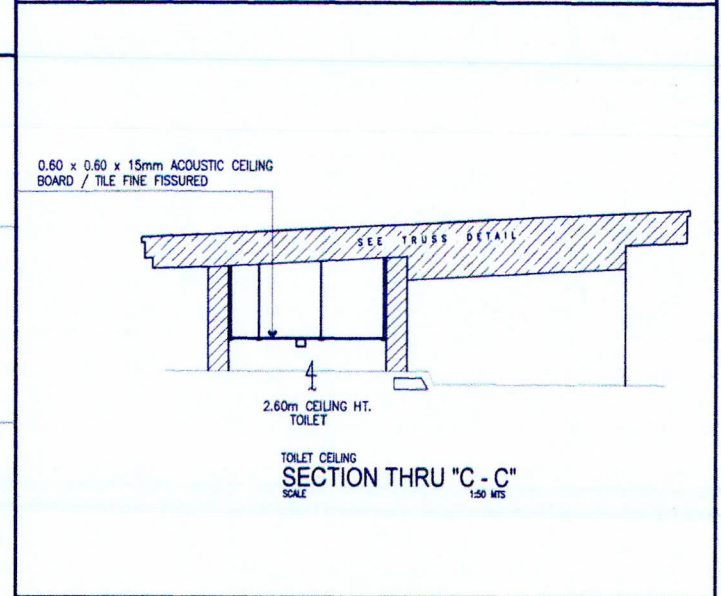
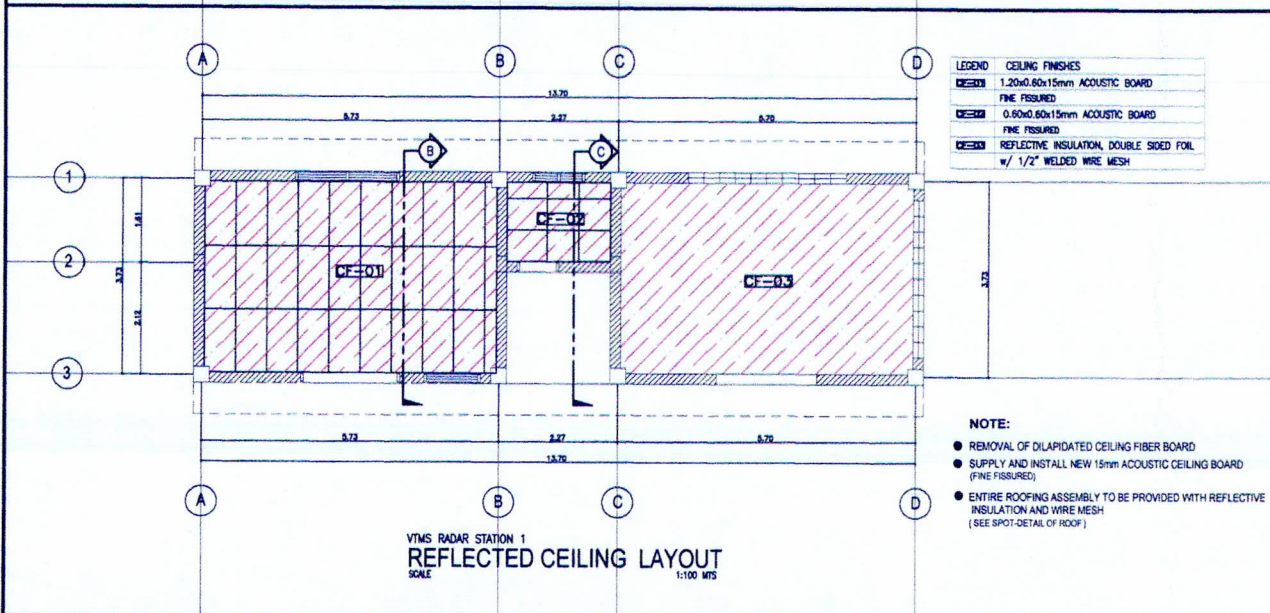
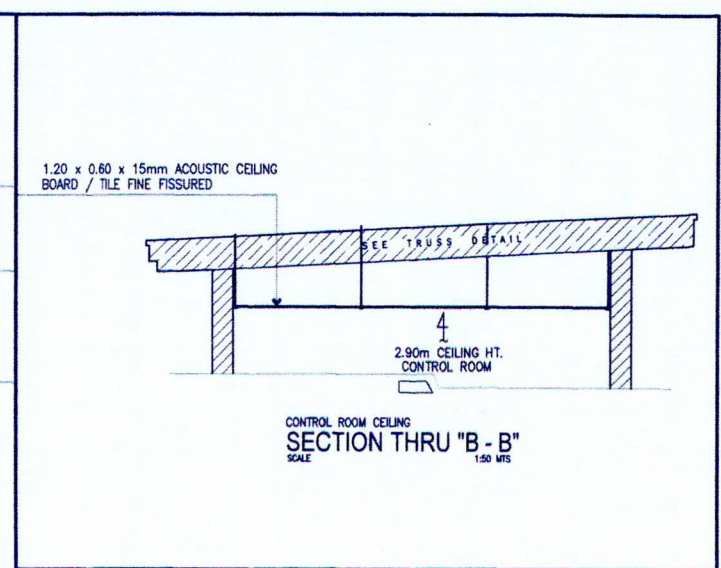
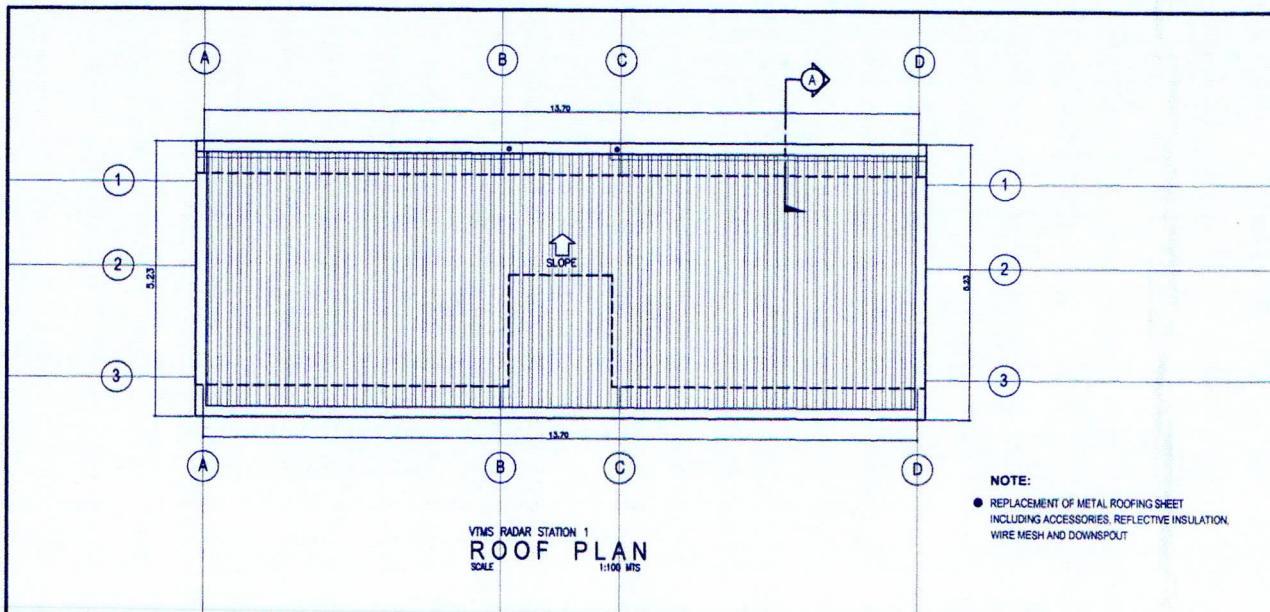
JENNELIZA D. REBONG  
Port Manager / PMO-NCR North

SHEET CONTENT:

AS SHOWN

SHEET NO:

A - 6



Project Code: MPF - NCN - 04 - 2025



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

*JEVETTE HAN*  
Architect

REVIEW & SUBMITTED BY:

*ROUELLA MARIE D. SABATE*  
Supervising Engineer A

APPROVED:

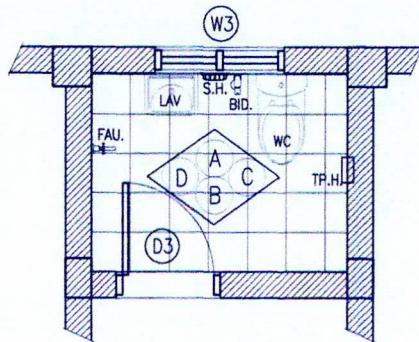
*JENNELIZA O. REBONG*  
Port Manager PMO-NCR North

SHEET CONTENT:

AS SHOWN

SHEET NO:

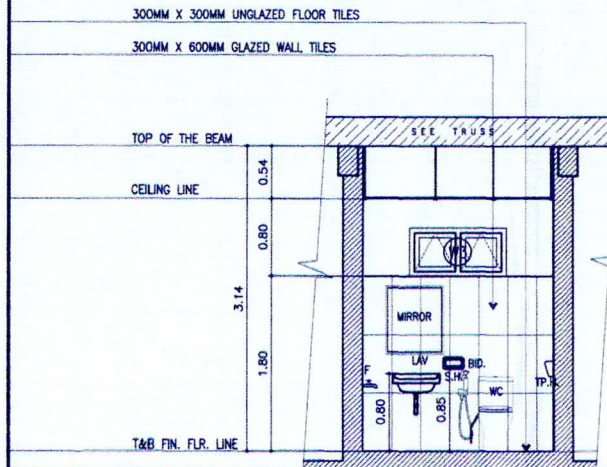
A - 7



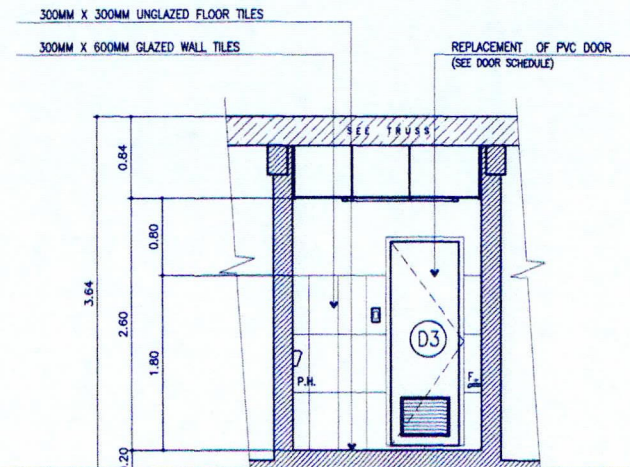
VTMS RADAR STATION 1  
BLOW - UP TOILET  
SCALE 1:60 MTS

FOR REPLACEMENT:

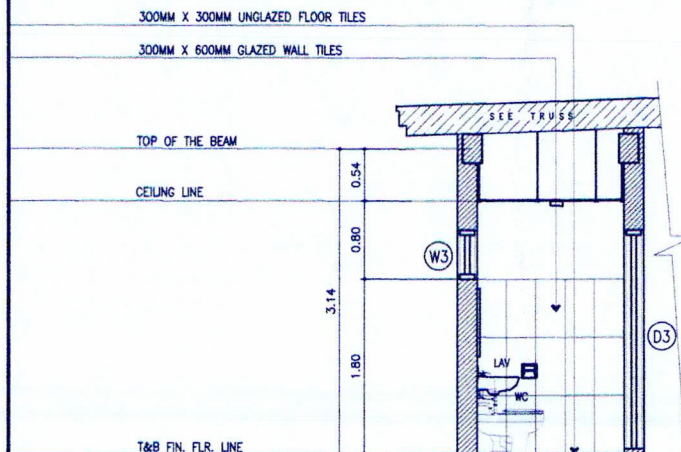
1. WATER CLOSET - 1 UNIT
2. LAVATORY w/ FAUCET - 1 UNIT
3. BRONZE FAUCET - 1 UNIT
4. TOILET PAPER HOLDER - 1 UNIT
5. SOAP HOLDER - 1 UNIT
6. FLOOR DRAIN - 1 UNIT
7. STAINLESS STEEL BIDET - 1 UNIT
8. 2 x 3ft MIRROR FRAMELESS - 1 UNIT



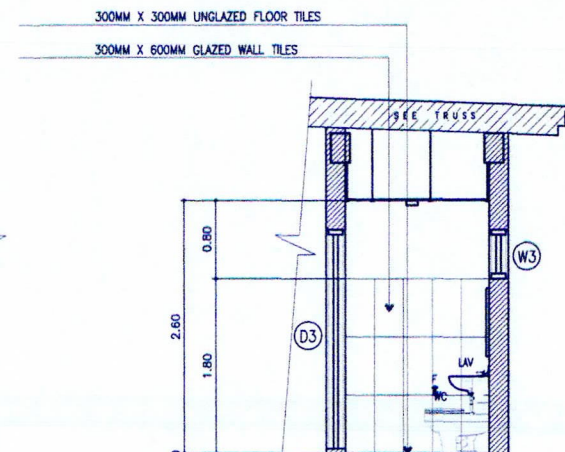
VTMS RADAR STATION 1  
SECTION THRU "A - A"  
SCALE 1:60 MTS



VTMS RADAR STATION 1  
SECTION THRU "B - B"  
SCALE 1:60 MTS



VTMS RADAR STATION 1  
SECTION THRU "C - C"  
SCALE 1:60 MTS



VTMS RADAR STATION 1  
SECTION THRU "D - D"  
SCALE 1:60 MTS



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

JEVETTE ILAN  
Architect II

REVIEW & SUBMITTED BY:

ROUELLA MARIE D. SABATE  
Supervising Engineer A

APPROVED:

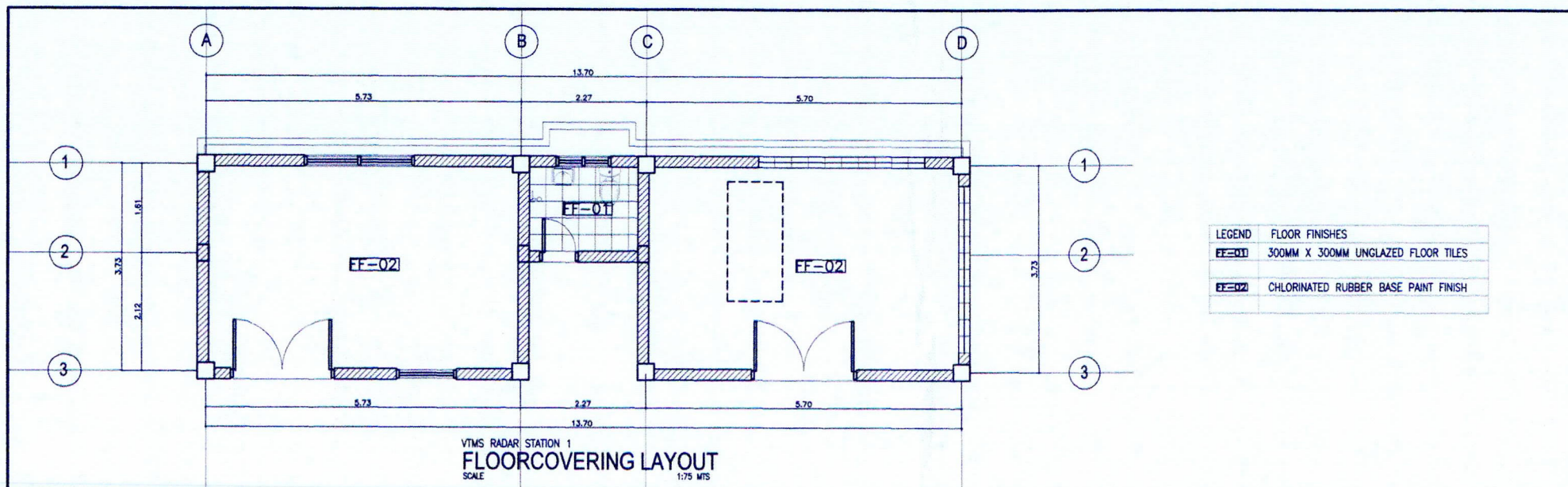
JENNELIZA D. REBONG  
Port Manager, PMO-NCR North

SHEET CONTENT:

AS SHOWN

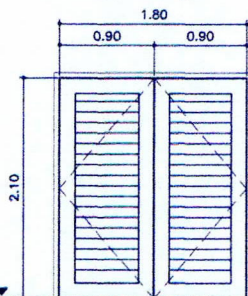
SHEET NO:

A - 8

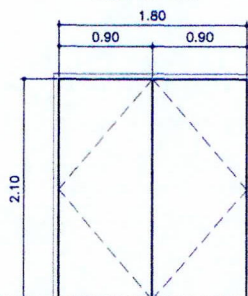


REMARKS:

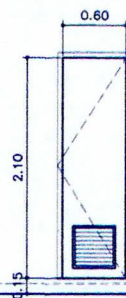
- FOR REPAINTING AND REPLACEMENT OF DOOR LOCKSET  
COLOR: DARK GRAY



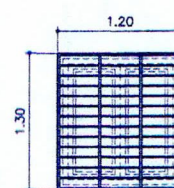
- FOR REPAINTING AND REPLACEMENT OF DOOR LOCKSET  
COLOR: DARK GRAY



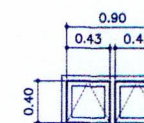
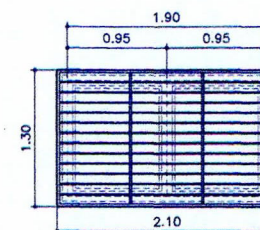
- FOR REPLACEMENT OF PVC DOOR w/  
JAMB AND DOOR KNOB



- FOR REPAINTING OF WINDOW GRILLS  
COLOR: DARK GRAY



- FOR REPAINTING OF WINDOW GRILLS  
COLOR: DARK GRAY



FIN. FLR. LINE ▼  
NAT. GRADE LINE ▲

TYPE : HOLLOW CORE LOUVER DOOR  
NO. OF SETS : ONE (1) SET  
LOCATION : GENERATOR ROOM

TYPE : METAL FLUSH DOOR  
NO. OF SETS : ONE (1) SET  
LOCATION : CONTROL ROOM

TYPE : PVC DOOR  
NO. OF SETS : ONE (1) SET  
LOCATION : TOILET

TYPE : ALUMINUM WINDOW FRAME w/  
6mm thk. CLEAR GLASS AND  
STEEL GRILLS  
NO. OF SETS : ONE (1) SET  
LOCATION : CONTROL ROOM

TYPE : ALUMINUM WINDOW FRAME w/  
6mm thk. CLEAR GLASS AND  
STEEL GRILLS  
NO. OF SETS : ONE (1) SET  
LOCATION : CONTROL ROOM

TYPE : ALUMINUM WINDOW FRAME w/  
6mm thk. CLEAR GLASS  
NO. OF SETS : ONE (1) SET  
LOCATION : TOILET



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

*J. Ilan*  
JEVETTE ILAN  
Architect II

REVIEW & SUBMITTED BY:

*R. Sabate*  
ROUELLA MARIE D. SABATE  
Supervising Engineer A

APPROVED:

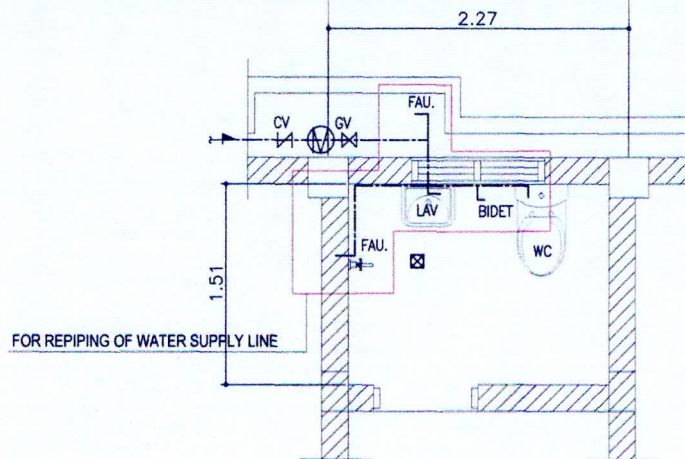
*J. Rebong*  
JENNELIZA D. REBONG  
Port Manager, PMO-NCR North

SHEET CONTENT:

AS SHOWN

SHEET NO:

A - 9

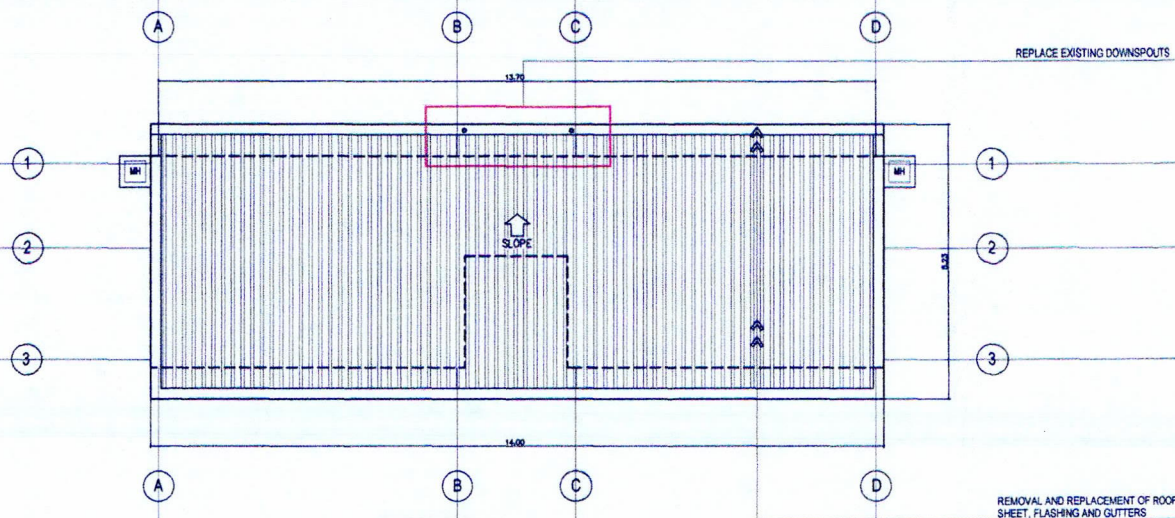


VTMS RADAR STATION 1  
WATER SUPPLY LAYOUT  
SCALE 1:50 MTS

#### A. MAINTENANCE OF VTMS RADAR STATION 1 FACILITY

##### PLUMBING WORKS

- ALL EXISTING PLUMBING FIXTURES ( FAUCETS, SHOWERS, WATER CLOSET, LAVATORIES, BIDETS, FLOOR DRAIN) SHALL BE REPLACED WITH NEW APPROVED UNITS
- ALL PIPING CONNECTED TO THE FIXTURES, INCLUDING SUPPLY LINE LINES, SHALL BE REPLACED WITH NEW PIPES
- ALL EXISTING WATER SUPPLY LINES SHALL BE REPLACED WITH NEW PPR (POLYPROPYLENE RANDOM COPOLYMER) PIPES, COMPLETE WITH COMPATIBLE FITTINGS AND ACCESSORIES
- REMOVAL OF DILAPIDATED ROOF SHEETS, GUTTER, FLASHING AND DOWNSPOUT
- INSTALLATION SHALL COMPLY WITH THE LATEST PLUMBING CODE STANDARDS MANUFACTURER'S SPECIFICATIONS



VTMS RADAR STATION 1  
ROOF DRAINAGE PLAN  
SCALE 1:100 MTS

Project Code: MPF - NCN - 04 - 2025



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

*Jevette Ilan*  
JEVETTE ILAN  
Architect II

REVIEW & SUBMITTED BY:

*Rouella Marie D. Sabate*  
ROUELLA MARIE D. SABATE  
Supervising Engineer A

APPROVED:

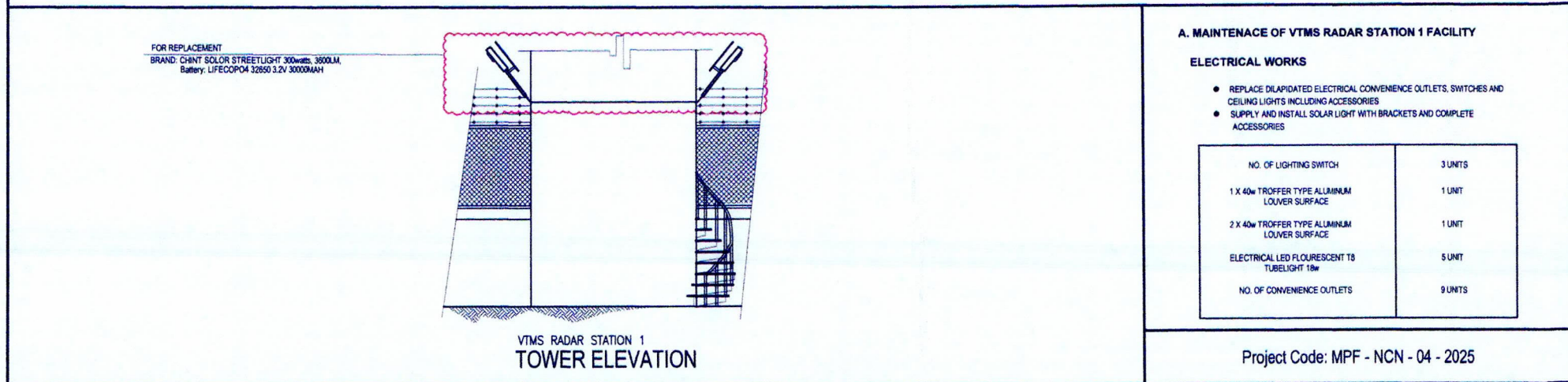
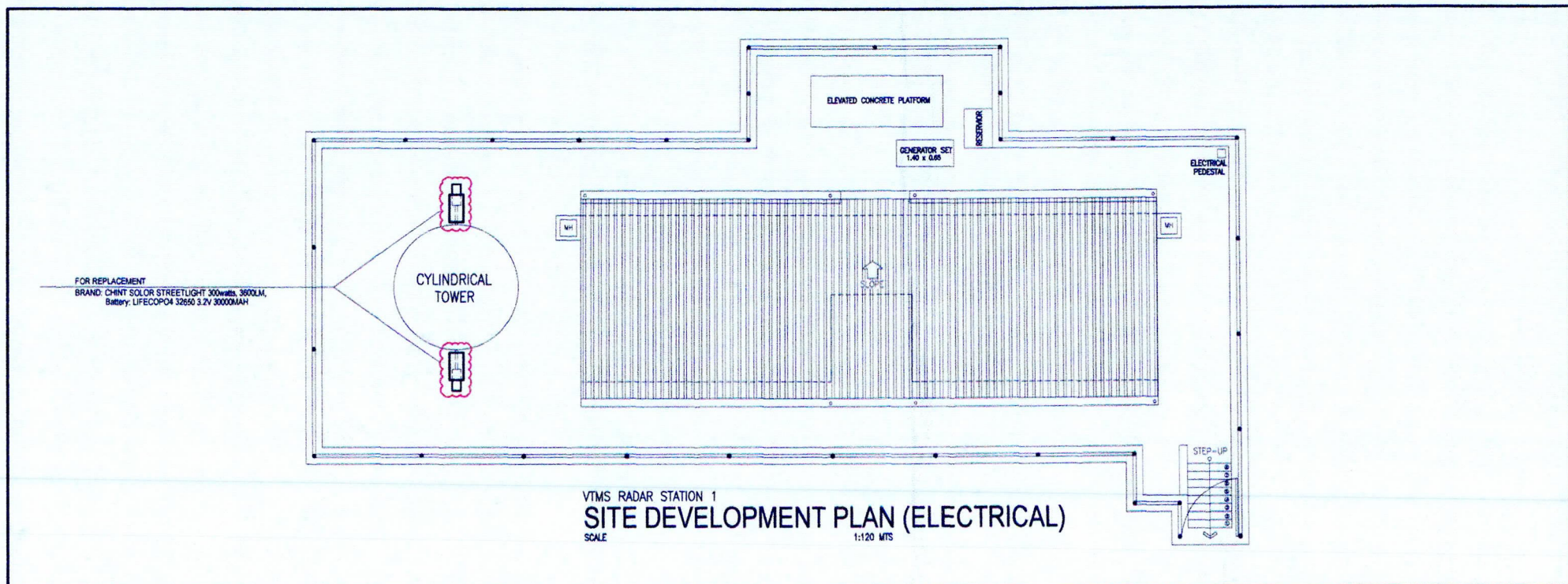
*Jenneliza D. Rebong*  
JENNELIZA D. REBONG  
Port Manager PMO-NCR North

SHEET CONTENT:

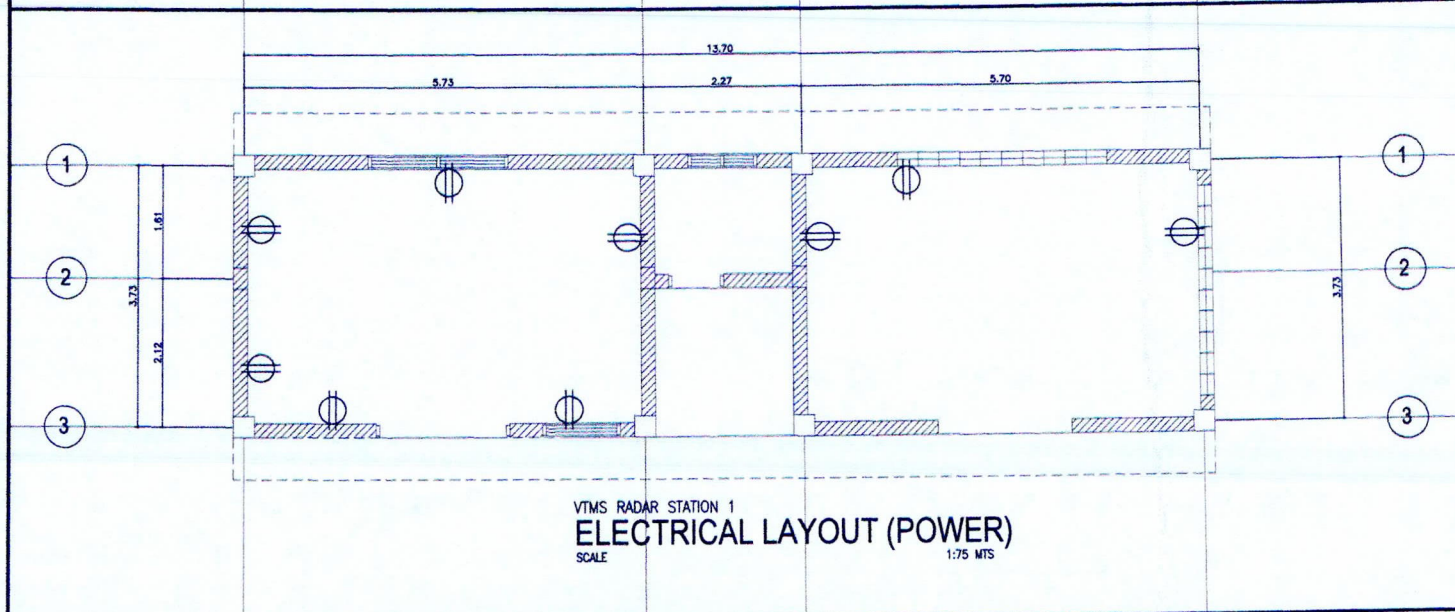
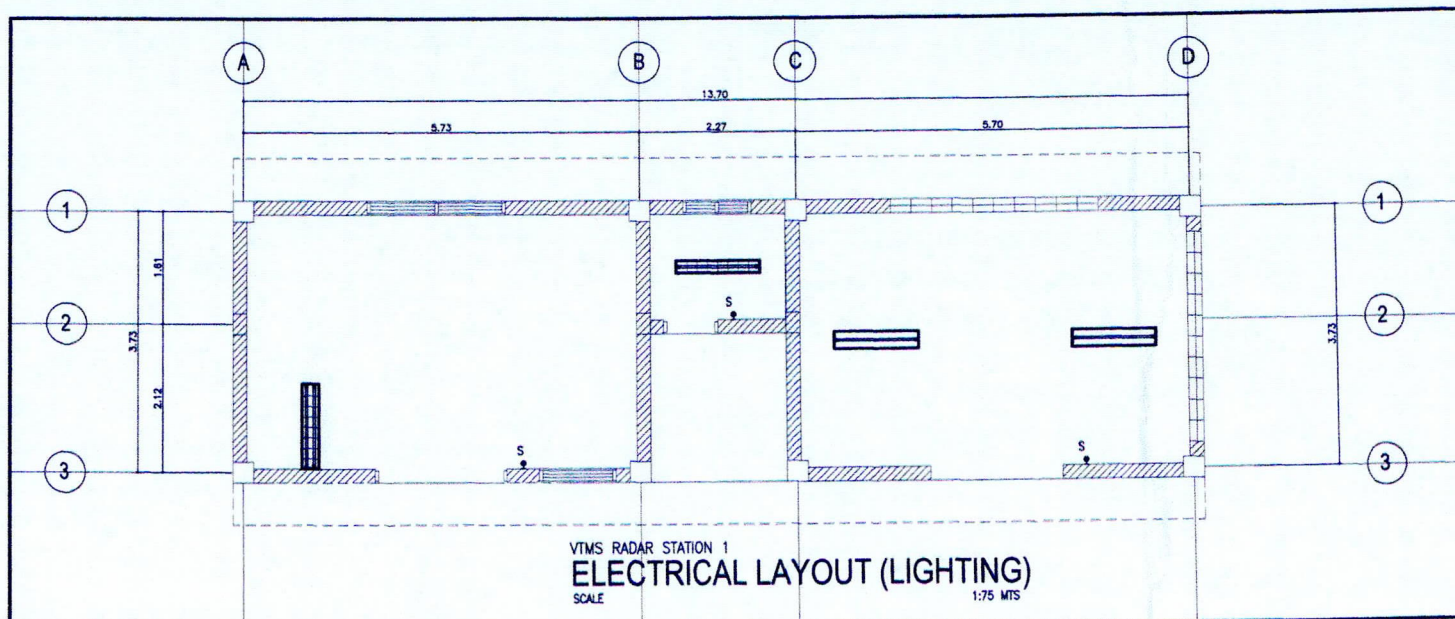
AS SHOWN

SHEET NO:

P - 1



|  |                                                                                   |                                                      |                                                              |                                                              |                |              |
|--|-----------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|----------------|--------------|
|  | PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila |                                                      | REVIEW & SUBMITTED BY:                                       | APPROVED:                                                    | SHEET CONTENT: | SHEET NO:    |
|  | PORT MANAGEMENT OFFICE-<br>NCR NORTH                                              | PREPARED BY:<br><br><b>JEVETTE ILAN</b><br>Architect | <br><b>ROUELLA MARIE D. SABATE</b><br>Supervising Engineer A | <br><b>JENNELIZA D. REBONG</b><br>Port Manager PMO-NCR North | AS SHOWN       | <b>E - 1</b> |



#### A. MAINTENANCE OF VTMS RADAR STATION 1 FACILITY

##### ELECTRICAL WORKS

- REPLACE DILAPIDATED ELECTRICAL CONVENIENCE OUTLETS, SWITCHES AND CEILING LIGHTS INCLUDING ACCESSORIES
- SUPPLY AND INSTALL SOLAR LIGHT WITH BRACKETS AND COMPLETE ACCESSORIES

|                                              |         |
|----------------------------------------------|---------|
| NO. OF LIGHTING SWITCH                       | 3 UNITS |
| 1 X 40w TROFFER TYPE ALUMINUM LOUVER SURFACE | 1 UNIT  |
| 2 X 40w TROFFER TYPE ALUMINUM LOUVER SURFACE | 1 UNIT  |
| ELECTRICAL LED FLOURESCENT T8 TUBELIGHT 18w  | 5 UNIT  |
| NO. OF CONVENIENCE OUTLETS                   | 9 UNITS |

Project Code: MPF - NCN - 04 - 2025



PROJECT TITLE: Maintenance of VTMS RADAR STATION 1 FACILITY at MICT Tondo, Manila

PORT MANAGEMENT OFFICE-  
NCR NORTH

PREPARED BY:

JEVETTE ILAN  
Architect II

REVIEW & SUBMITTED BY:

ROUELLA MARIE D. SABATE  
Supervising Engineer A

APPROVED:

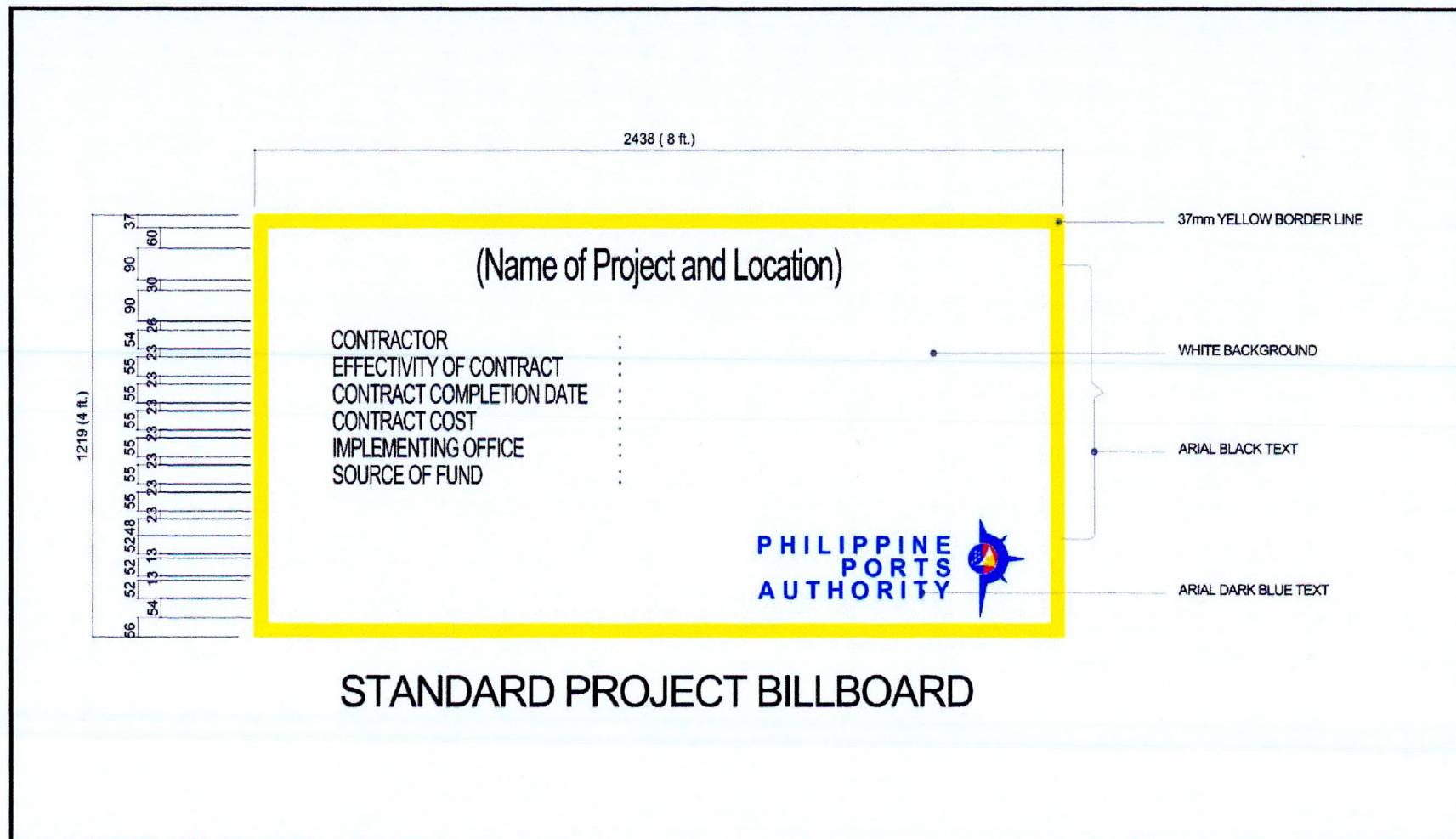
JENNELIZA D. REBONG  
Port Manager PMO-NCR North

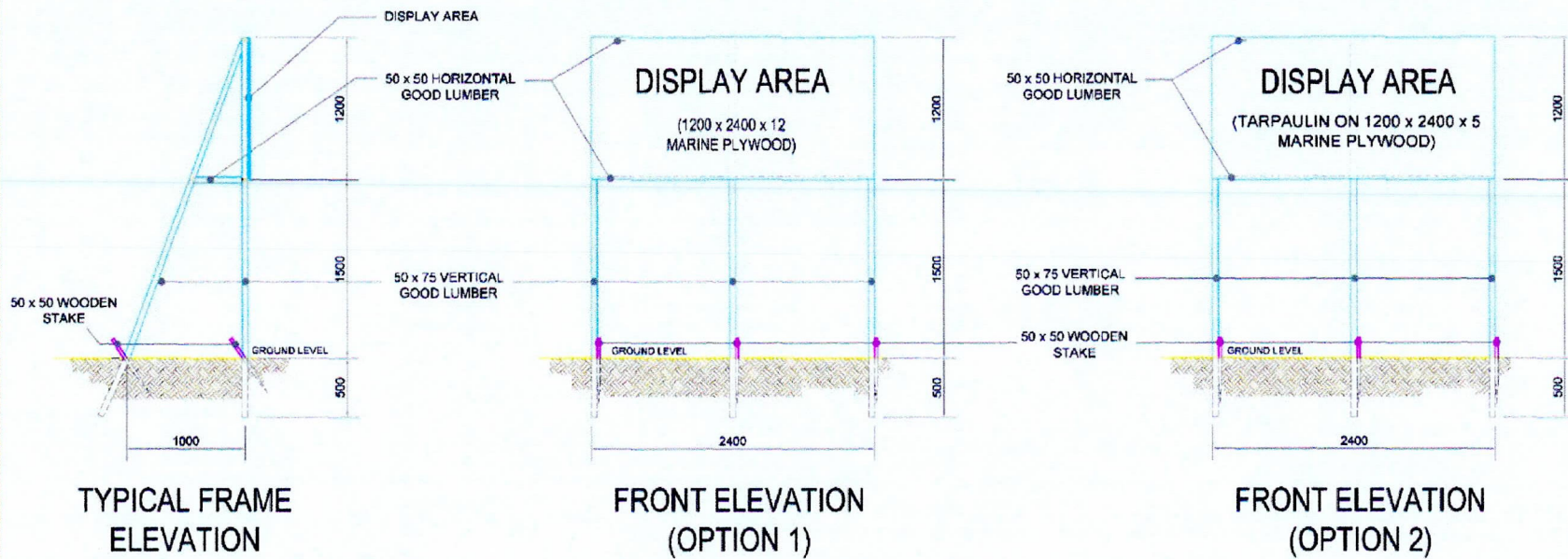
SHEET CONTENT:

AS SHOWN

SHEET NO:

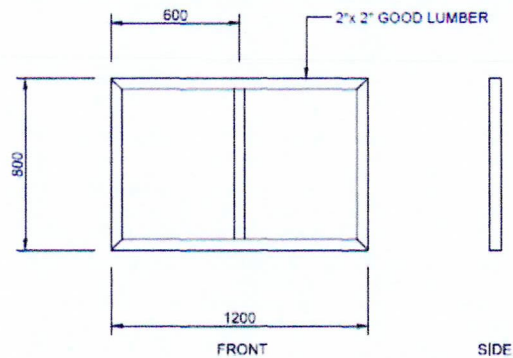
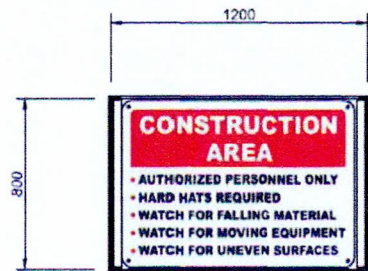
E - 2



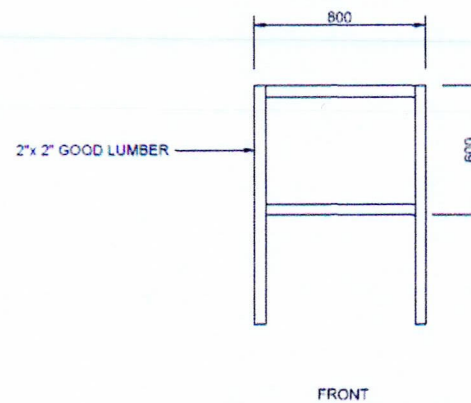


## BILLBOARD FRAME

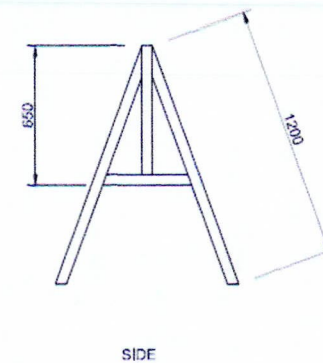
(NOT TO SCALE, ALL DIMENSIONS ARE IN MILLIMETERS)



FRAMING FOR 0.80m x 1.20m SIGNAGES



FRAMING FOR 0.60m x 0.80m SIGNAGES AND BARRICADES



## STANDARD PLAN FOR SIGNAGES AND BARRICADES