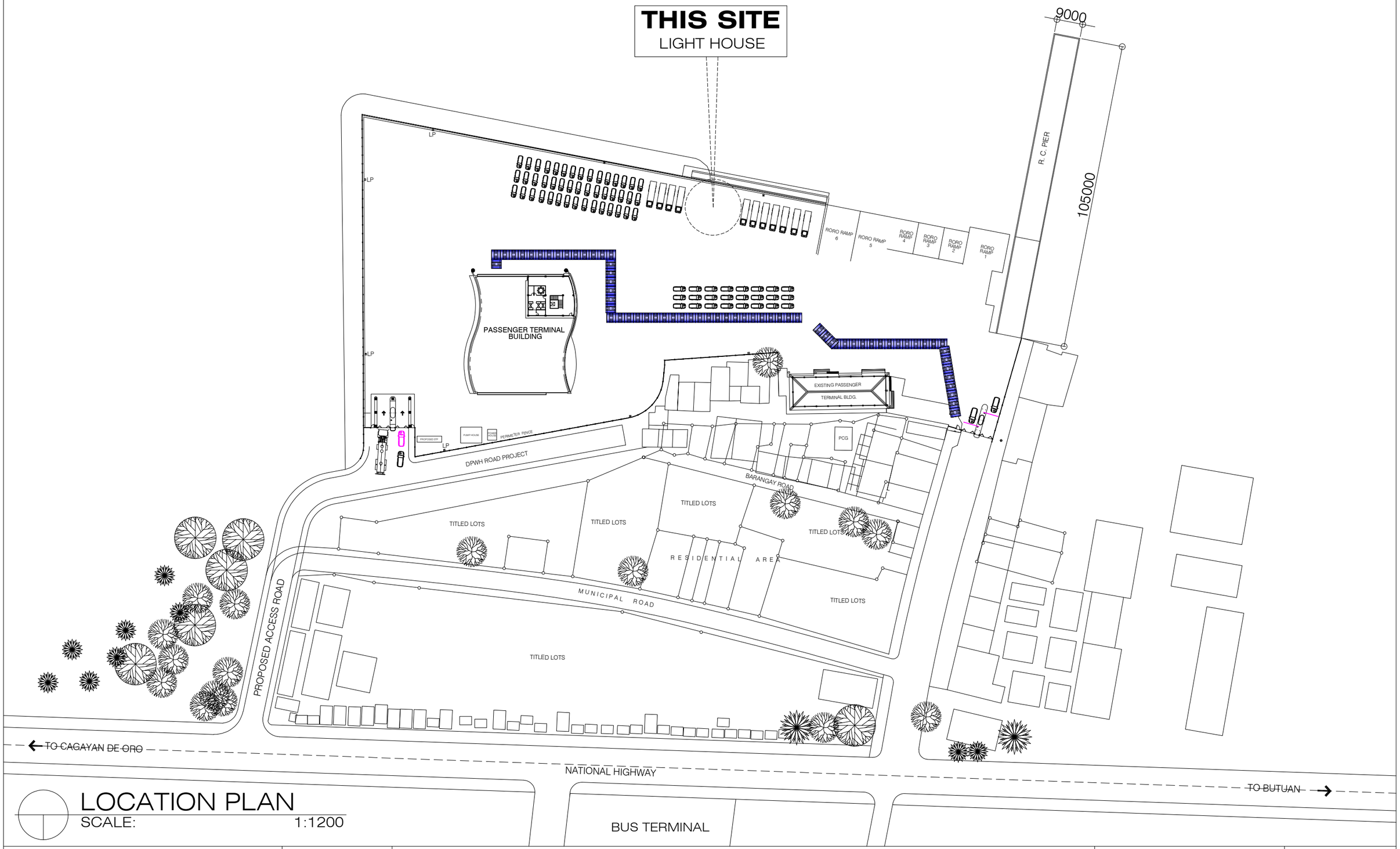


LOCATION PLAN
SCALE: 1:1200

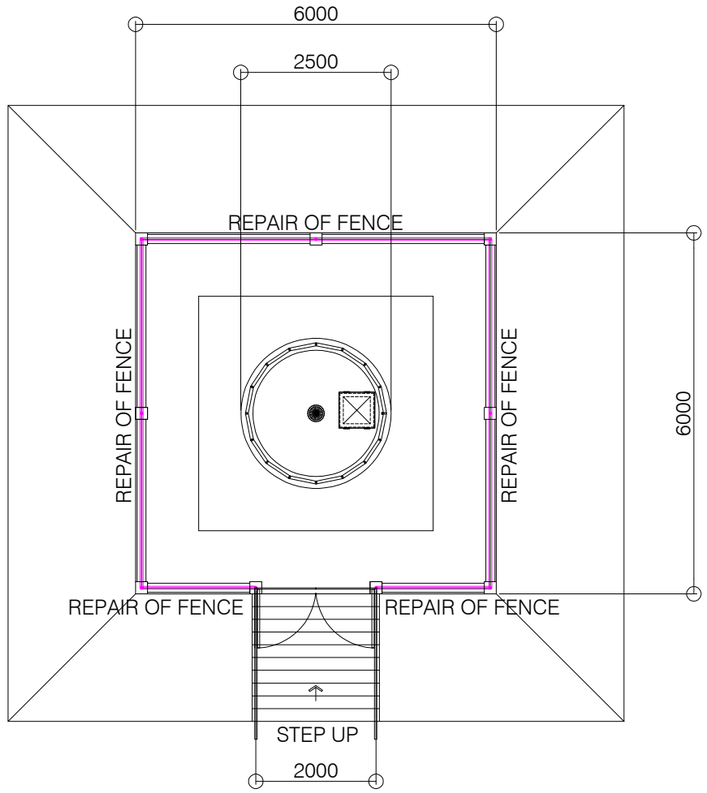
PHILIPPINE PORTS AUTHORITY

PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

TITLE:	**MAINTENANCE/REPAINTING AND RESTORATION OF LIGHT HOUSE**		SHEET NO. 1/7
LOCATION:	PORT OF BALINGOAN, MISAMIS ORIENTAL		SHEET CONTENTS

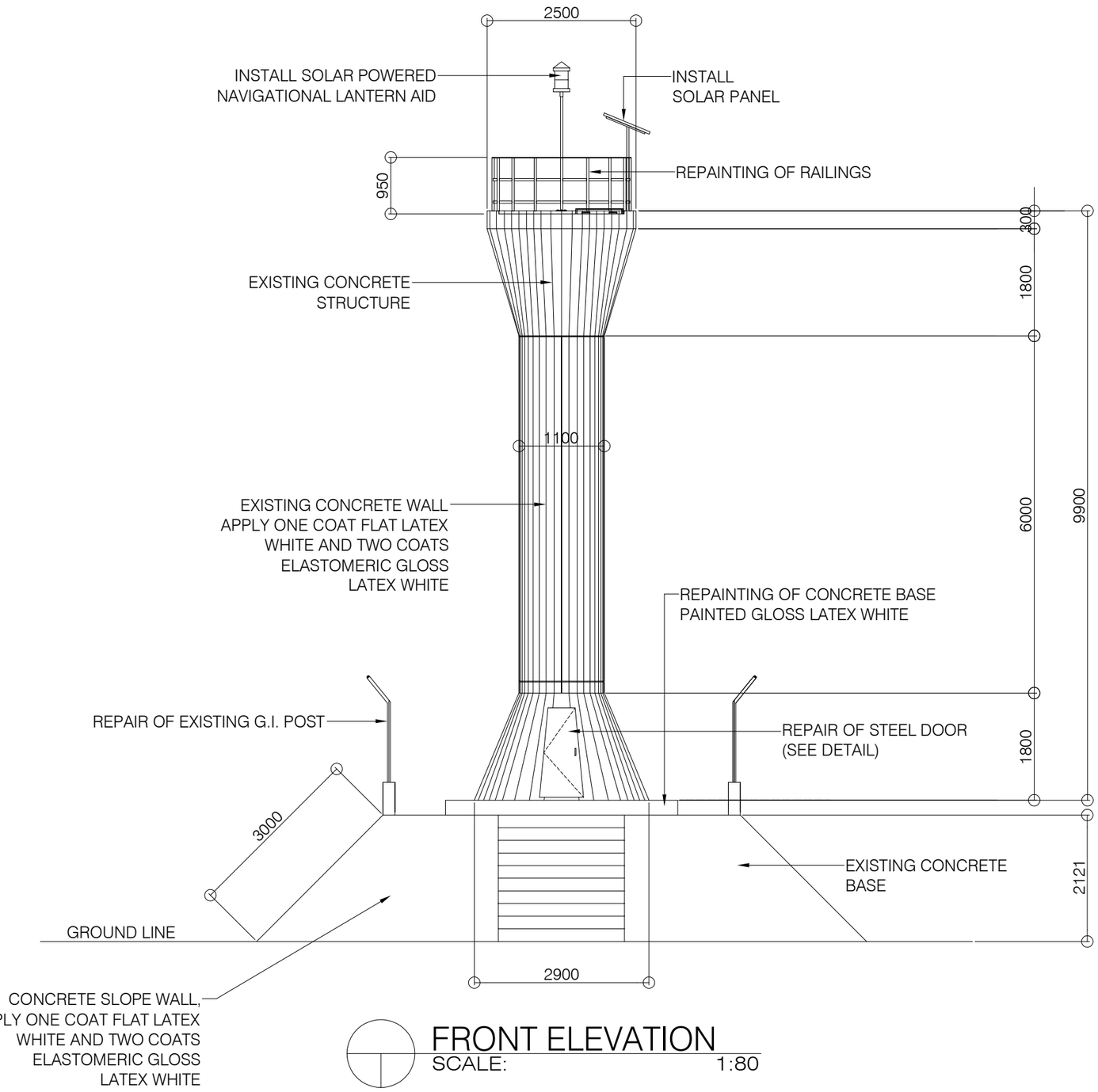
PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED:
KAREL T. SUMICAD Construction Foreman	MARC M. AVELLANA Supervising Engineer A	ANTONIO M. TORCINO, JR. Acting ESD Manager	FERNANDO B. MAPALO, JR. Acting Port Manager

Digitally signed by Fernando B. Mapalo, Jr.
Date: 2025.08.01 15:35:32 +08'00'



PLAN OF LIGHTHOUSE

SCALE: 1:100



FRONT ELEVATION

SCALE: 1:80

PHILIPPINE PORTS AUTHORITY

PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE: **MAINTENANCE/REPAINTING AND RESTORATION OF LIGHT HOUSE**

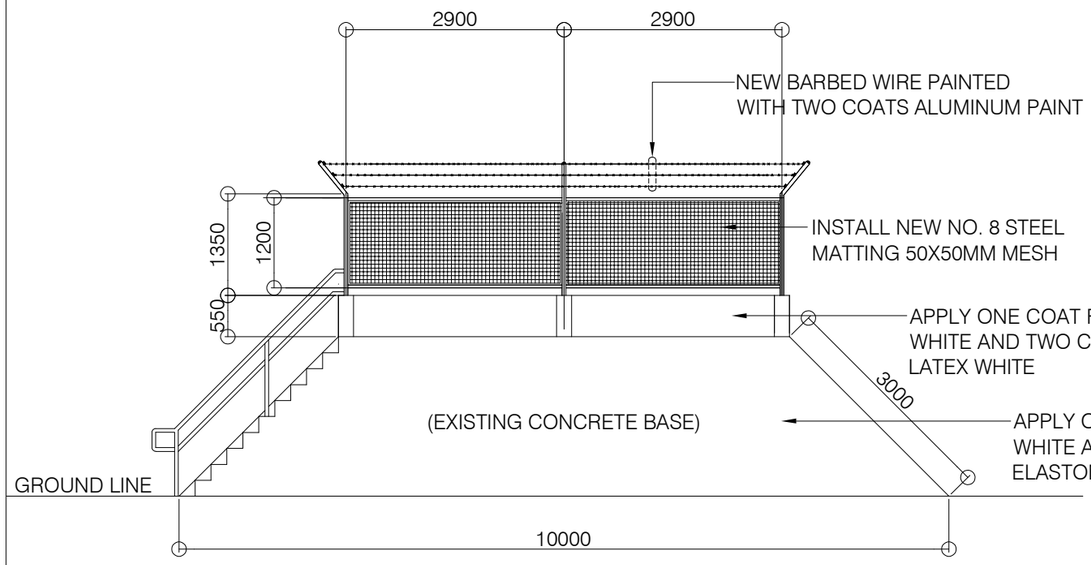
LOCATION: PORT OF BALINGOAN, MISAMIS ORIENTAL

SHEET CONTENTS: PLAN OF LIGHTHOUSE; FRONT ELEVATION

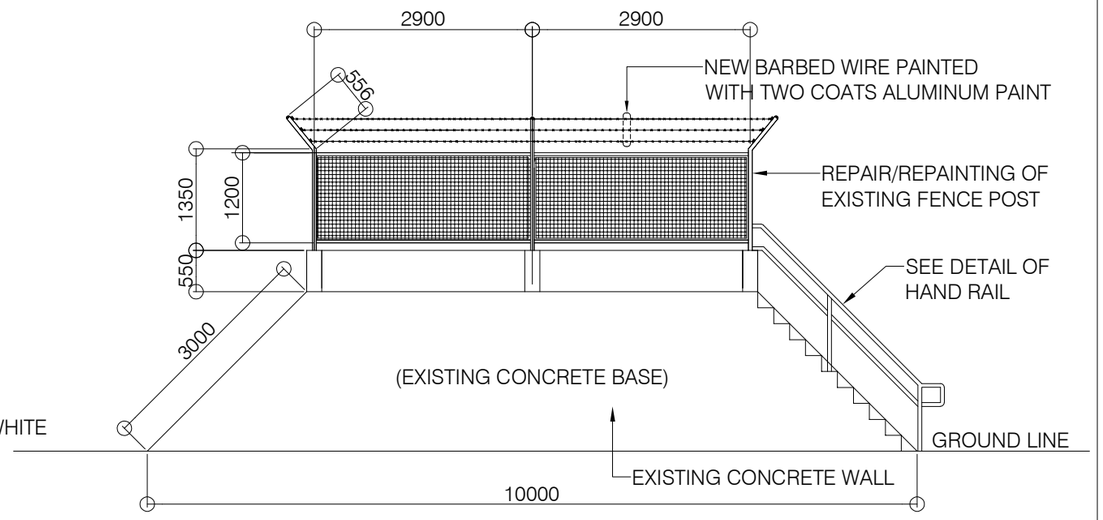
SHEET NO. 2 / 7

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED:
KAREL T. SUMICAD	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Construction Foreman	Supervising Engineer A	Acting ESD Manager	Acting Port Manager

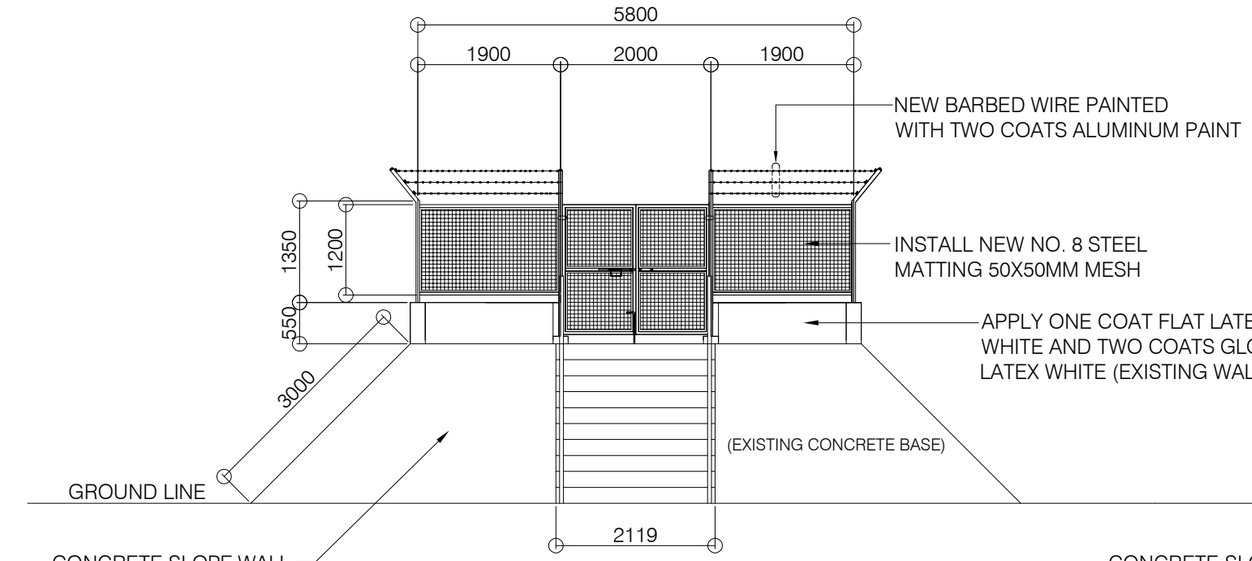
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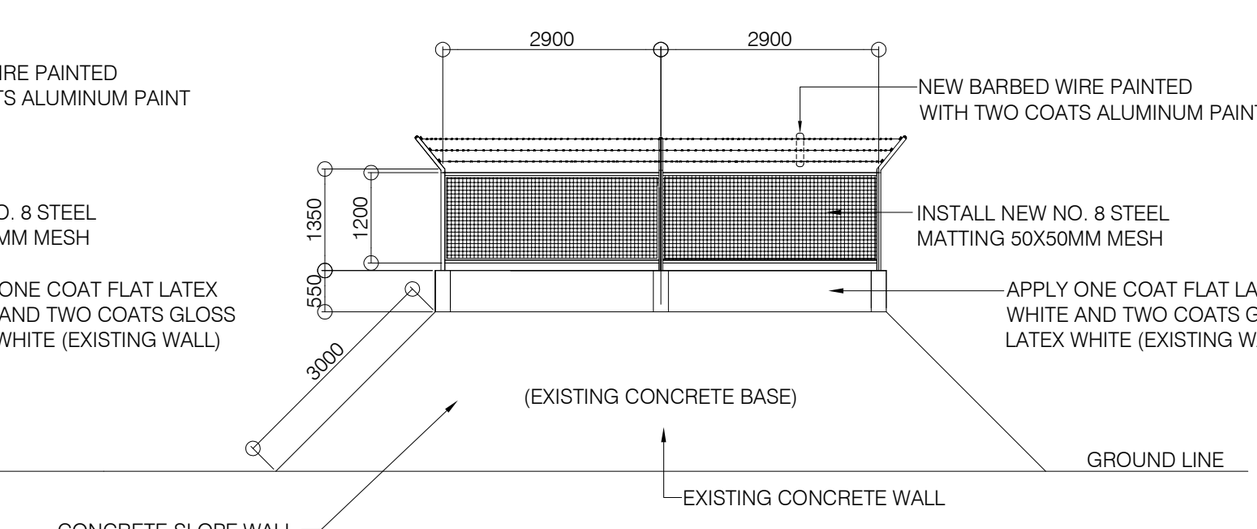
RIGHT SIDE ELEVATION
SCALE: 1:80



LEFT SIDE ELEVATION
SCALE: 1:80



FRONT ELEVATION
SCALE: 1:80



REAR ELEVATION
SCALE: 1:80

PHILIPPINE PORTS AUTHORITY

PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE: **MAINTENANCE/REPAINTING AND RESTORATION OF LIGHT HOUSE**

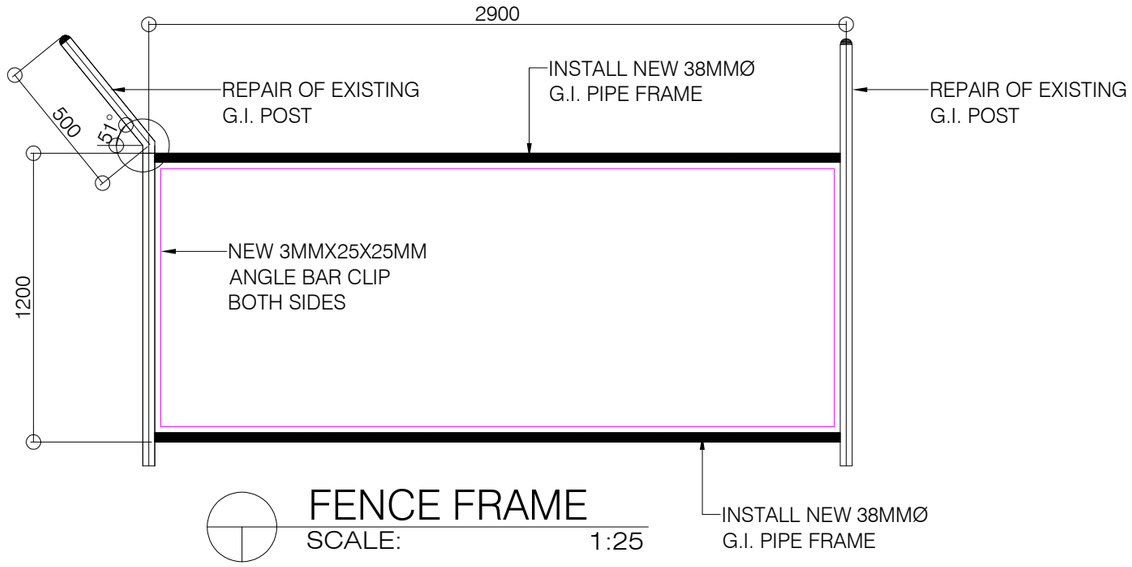
LOCATION: PORT OF BALINGOAN, MISAMIS ORIENTAL

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED:
KAREL T. SUMICAD	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Construction Foreman	Supervising Engineer A	Acting ESD Manager	Acting Port Manager

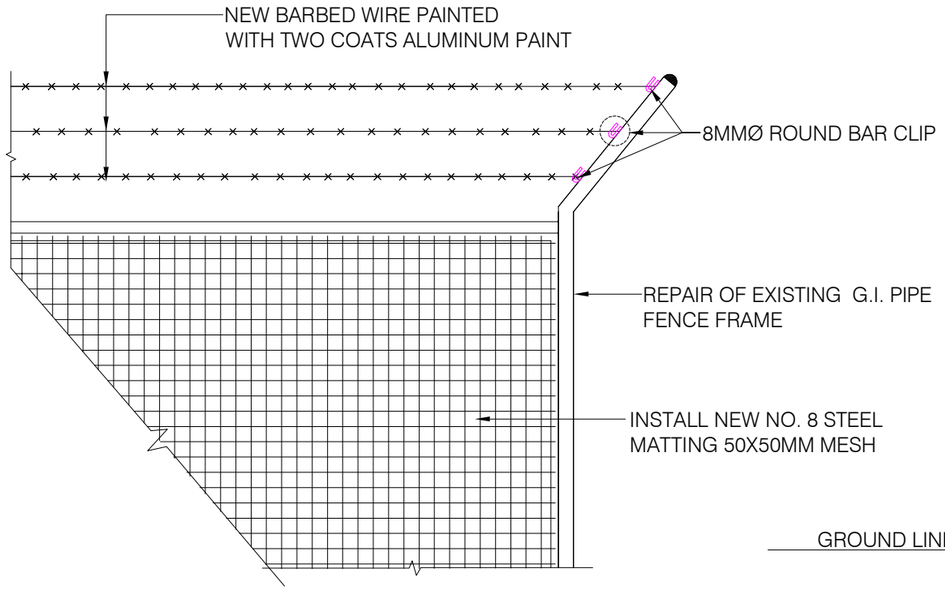
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Date: 2025.08.01 15:55:58 +08'00'

SHEET CONTENTS
- FRONT ELEVATION
- REAR ELEVATION
- RIGHT SIDE ELEVATION
- LEFT SIDE ELEVATION

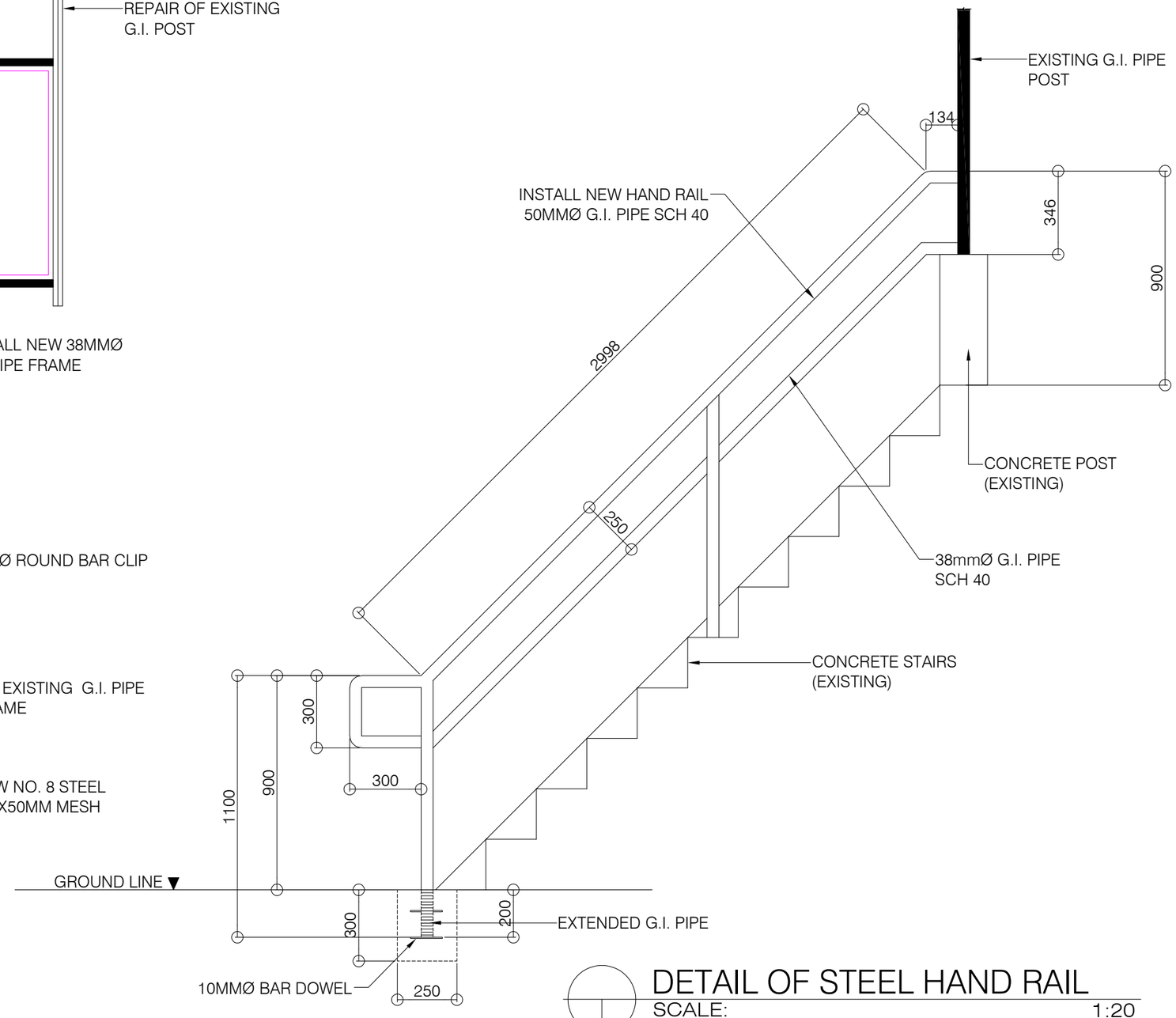
SHEET NO. 3 / 7



FENCE FRAME
SCALE: 1:25



DETAIL OF FENCE
SCALE: 1:20



DETAIL OF STEEL HAND RAIL
SCALE: 1:20

PHILIPPINE PORTS AUTHORITY

PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

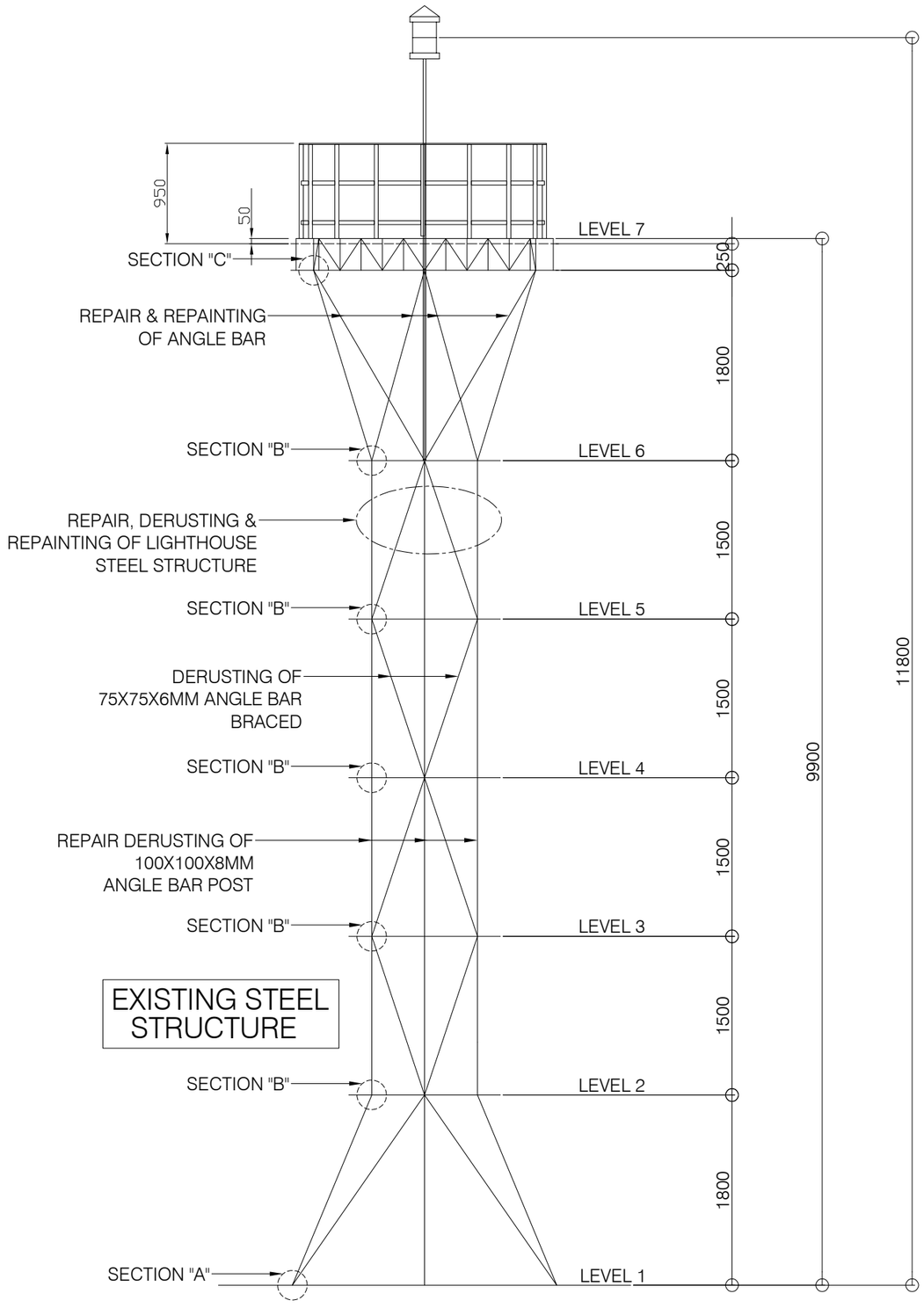
TITLE:	**MAINTENANCE/REPAINTING AND RESTORATION OF LIGHT HOUSE**
LOCATION:	PORT OF BALINGOAN, MISAMIS ORIENTAL

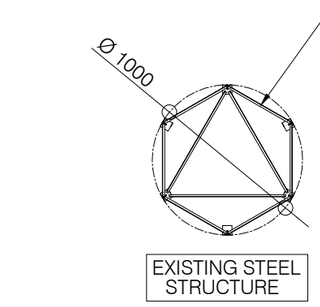
PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED:
KAREL T. SUMICAD	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Construction Foreman	Supervising Engineer A	Acting ESD Manager	Acting Port Manager

Digitally signed by Fernando B. Mapalo, Jr.
Date: 2025.08.01 13:04:08 +08'00'

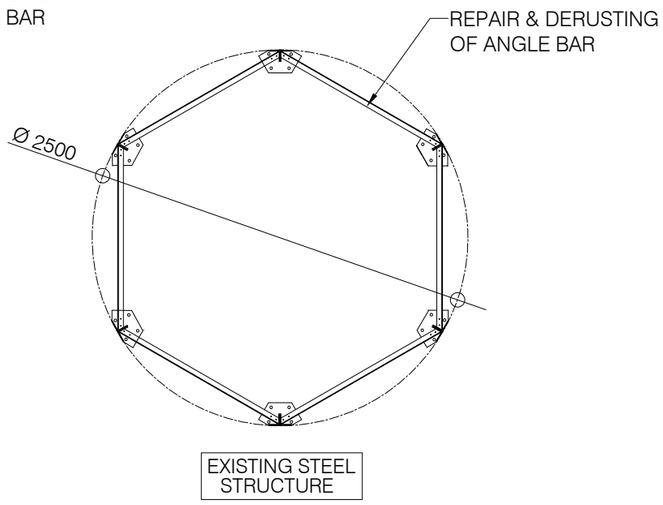
SHEET CONTENTS
DETAIL OF FENCE
FENCE COVER
DETAIL OF STEEL HAND RAIL

SHEET NO.
4
7

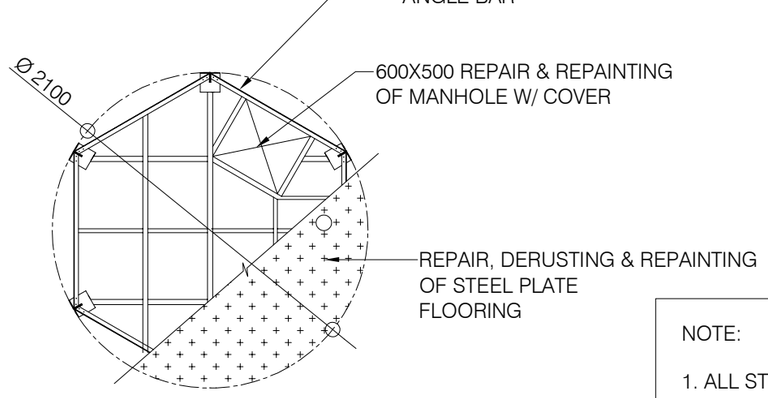




SECTION "B-B"
SCALE: 1:40



SECTION "A-A"
SCALE: 1:40



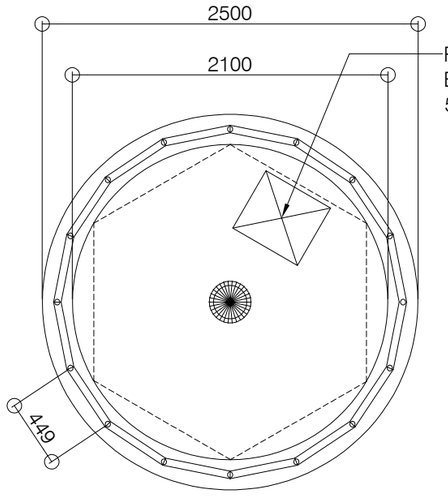
SECTION "C-C"
SCALE: 1:40

NOTE:

1. ALL STEEL STRUCTURE SHALL APPLY RUST CONVERTER
2. ALL STEEL STRUCTURE SHALL APPLY ONE COAT EPOXY PRIMER WHITE
3. ALL STEEL STRUCTURE SHALL APPLY TWO FINAL COATS AUTOMOTIVE ENAMEL WHITE
4. ALL CONCRETE STRUCTURE SHALL APPLY ONE COAT FLAT LATEX WHITE AND TWO COATS ELASTOMERIC GLOSS LATEX WHITE

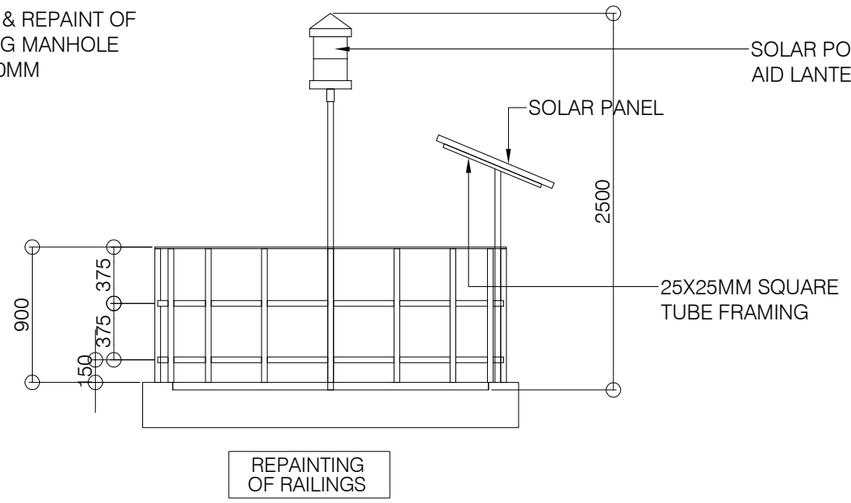
PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE:	**MAINTENANCE/REPAINTING AND RESTORATION OF LIGHT HOUSE**		SHEET NO. 5/7
LOCATION:	PORT OF BALINGOAN, MISAMIS ORIENTAL	SHEET CONTENTS	
PREPARED BY: KAREL T. SUMICAD, Construction Foreman	CHECKED BY: MARC M. AVELLANA, Supervising Engineer A	RECOMMENDED BY: ANTONIO M. TORCINO, JR., Acting ESD Manager	APPROVED: FERNANDO B. MAPALO, JR., Acting Port Manager (Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.08.01 15:38:12 +08'00')
		SECTION	



REPAIR & REPAINT OF EXISTING MANHOLE 500X600MM

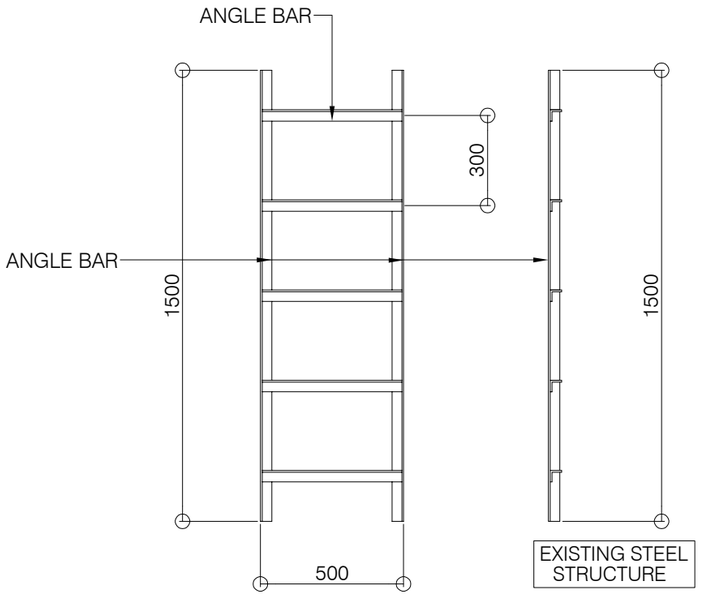
NEW STEEL STRUCTURE



REPAINTING OF RAILINGS

DETAIL NAVIGATIONAL AID RAILINGS

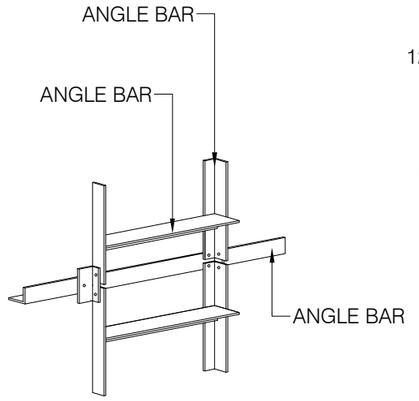
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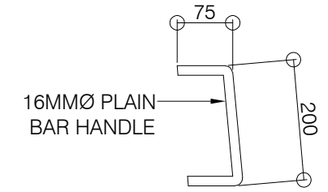
FRONT VIEW

EXISTING STEEL STRUCTURE

SIDE VIEW

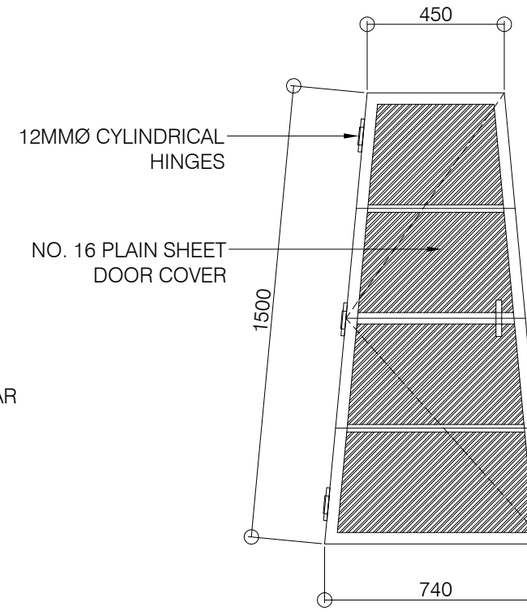


ISOMETRIC VIEW

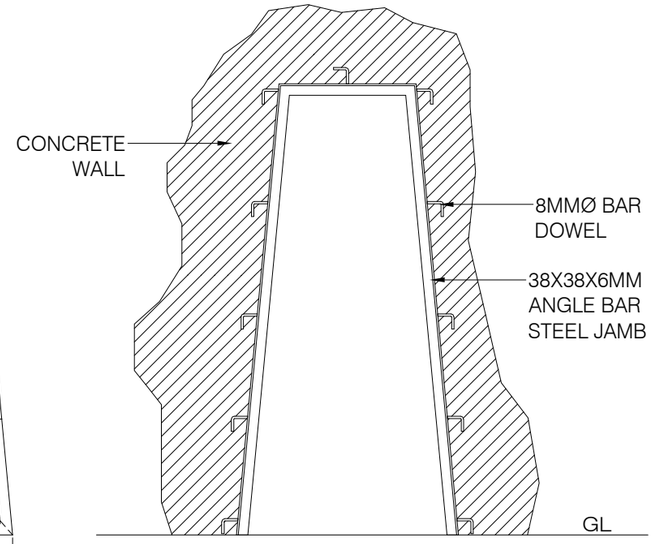


DOOR HANDLE

SCALE: 1:10



STEEL DOOR PANEL



STEEL JAMB

NEW STEEL STRUCTURE

REPAIR & REPAINTING OF STEEL LADDER

SCALE: 1:20

REPAIR & REPAINTING OF STEEL DOOR

SCALE: 1:20

PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

TITLE: **MAINTENANCE/REPAINTING AND RESTORATION OF LIGHT HOUSE**

LOCATION: PORT OF BALINGOAN, MISAMIS ORIENTAL

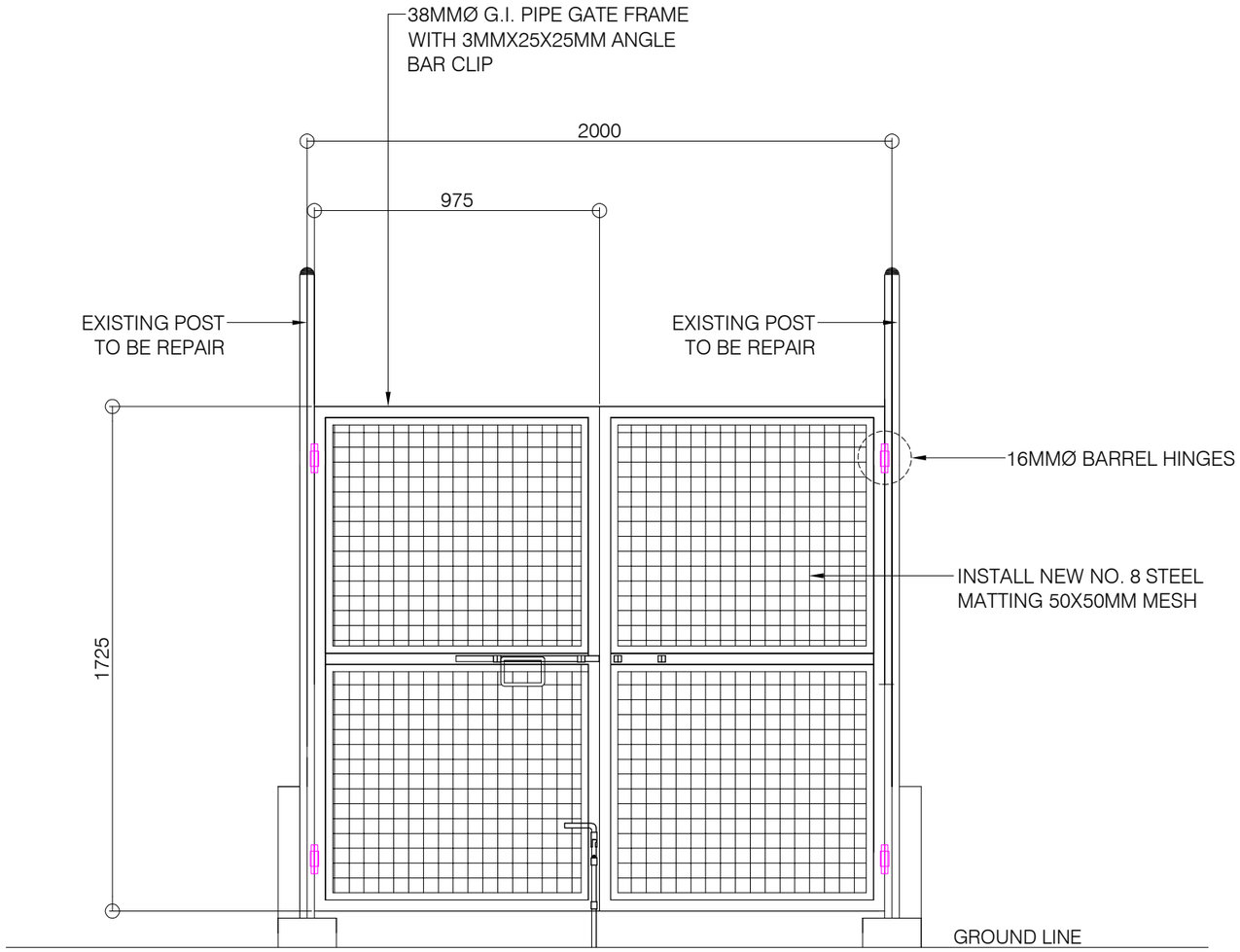
PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED:
KAREL T. SUMICAD	MARC M. AVELLANA	ANTONIO M. TORCINO JR.	FERNANDO B. MAPALO JR.
Construction Foreman	Supervising Engineer A	Acting ESD Manager	Acting Port Manager

Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.08.01 13:58:34 +08'00'

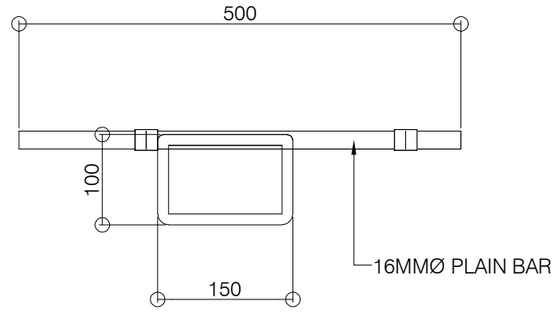
SHEET CONTENTS

TYP. DETAIL OF STEEL LADDER
REPAIR & REPAINTING OF STEEL DOOR
DOOR HANDLE
DETAIL NAVIGATIONAL AID RAILINGS

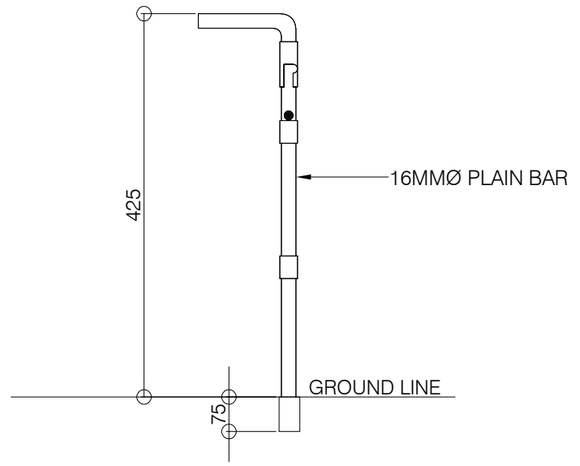
SHEET NO. 6 / 7



STEEL GATE
SCALE: 1:20



BARREL BOLT
SCALE: 1:15



FOOT BOLT
SCALE: 1:15

PHILIPPINE PORTS AUTHORITY

PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE: **MAINTENANCE/REPAINTING AND RESTORATION OF LIGHT HOUSE**

LOCATION: PORT OF BALINGOAN, MISAMIS ORIENTAL

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED:
KAREL T. SUMICAD	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Construction Foreman	Supervising Engineer A	Acting ESD Manager	Acting Port Manager

Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.08.01 16:56:16 +08:00

SHEET CONTENTS
- STEEL GATE
- FOOT BOLT
- BARREL BOLT

SHEET NO. 7/7