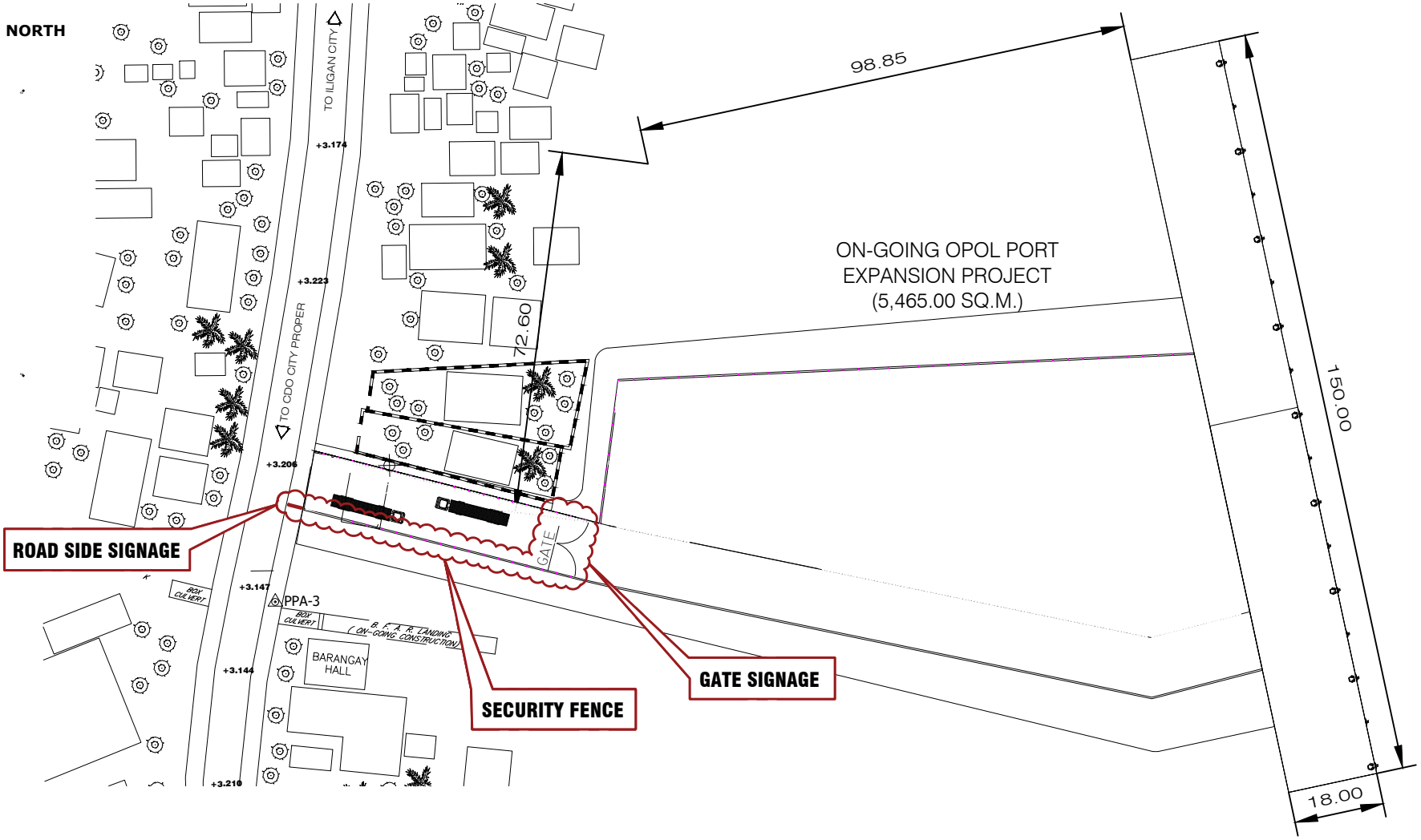


SITE DEVELOPMENT PLAN

SCALE 1 : 800

PHILIPPINE PORTS AUTHORITY

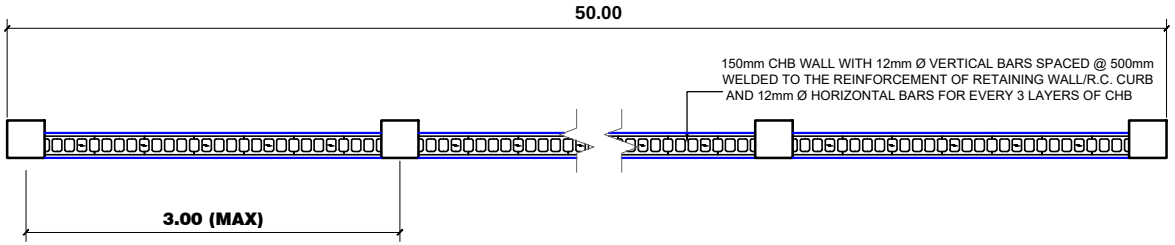
PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

TITLE:	MAINTENANCE OF GATE, SIGNAGES, AND SECURITY FENCE
LOCATION:	PORT OF OPOL

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
PRINCESS PEARL S. PISARES	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Administrative Assistant II	Supervising Engineer A	Acting ESD Manager	Port Manager

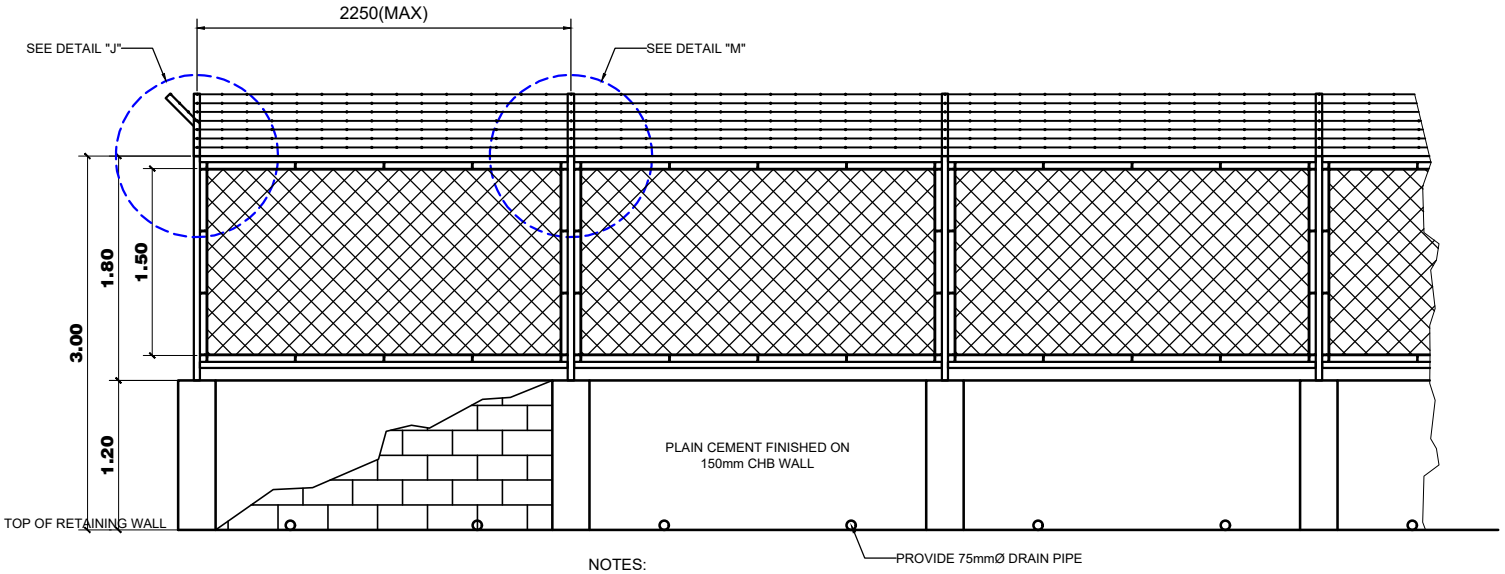
Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16

SHEET CONTENTS	SHEET NO.
* AS INDICATED	1 / 7



TYPICAL PLAN OF CHB FENCE WITH CYCLONE WIRE

SCALE 1 : 30



TYPICAL ELEVATION OF CHB FENCE WITH CYCLONE WIRE

SCALE 1 : 30

PHILIPPINE PORTS AUTHORITY

PORT OF CAGAYAN DE ORO
MISAMIS ORIENTAL

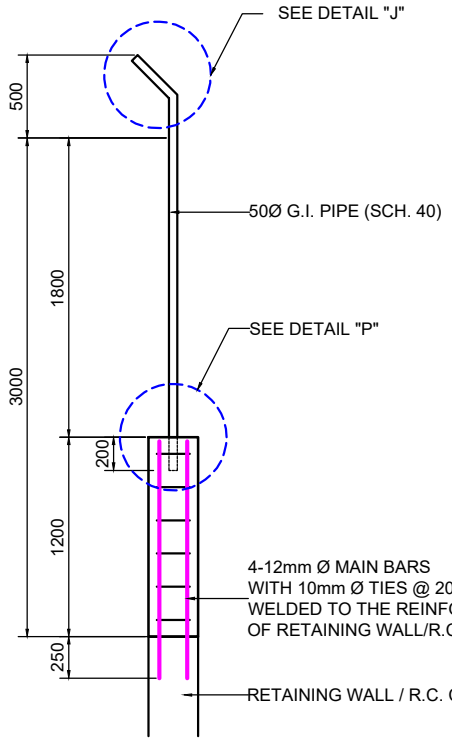
TITLE:	MAINTENANCE OF GATE, SIGNAGES, AND SECURITY FENCE
LOCATION:	PORT OF OPOL

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
PRINCESS PEARL S. PISARES	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Administrative Assistant II	Supervising Engineer A	Acting ESD Manager	Port Manager

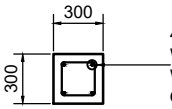
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Date: 2025.09.16 09:51:30 +08'00'

SHEET CONTENTS: * AS INDICATED

SHEET NO. 2 / 7



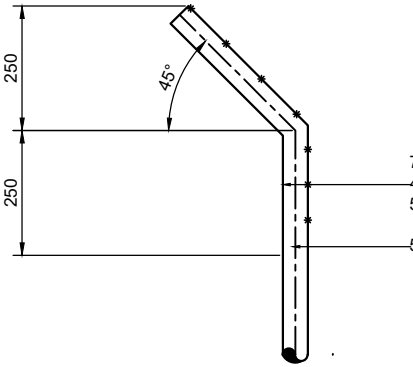
SECTION



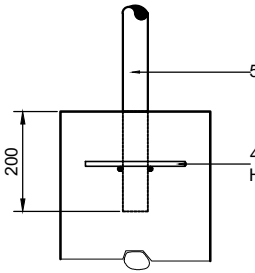
4-12mm Ø MAIN BARS
WITH 10mm Ø TIES @ 200mm OC
WELDED TO THE REINFORCEMENT
OF RETAINING WALL/R.C. CURB

PLAN

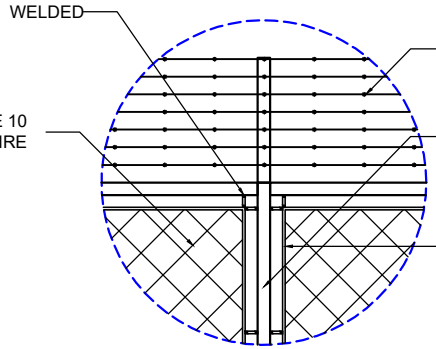
DETAIL CONNECTION OF COLUMN
SCALE 1 : 30



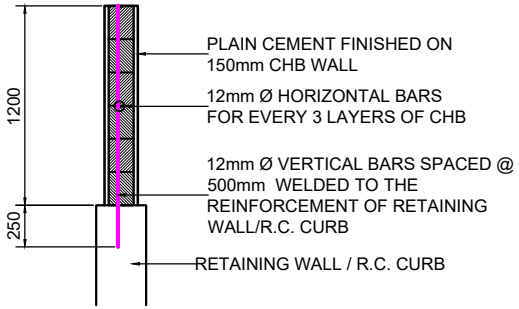
DETAIL "J"
SCALE 1 : 10



DETAIL "P"
SCALE 1 : 10



DETAIL "M"
SCALE 1 : 20



SECTION

DETAIL OF CHB FENCE WITH CYCLONE WIRE
SCALE AS SHOWN

DETAIL CONNECTION OF CHB FENCE
SCALE 1 : 30

PHILIPPINE PORTS AUTHORITY

PORT OF CAGAYAN DE ORO
MISAMIS ORIENTAL

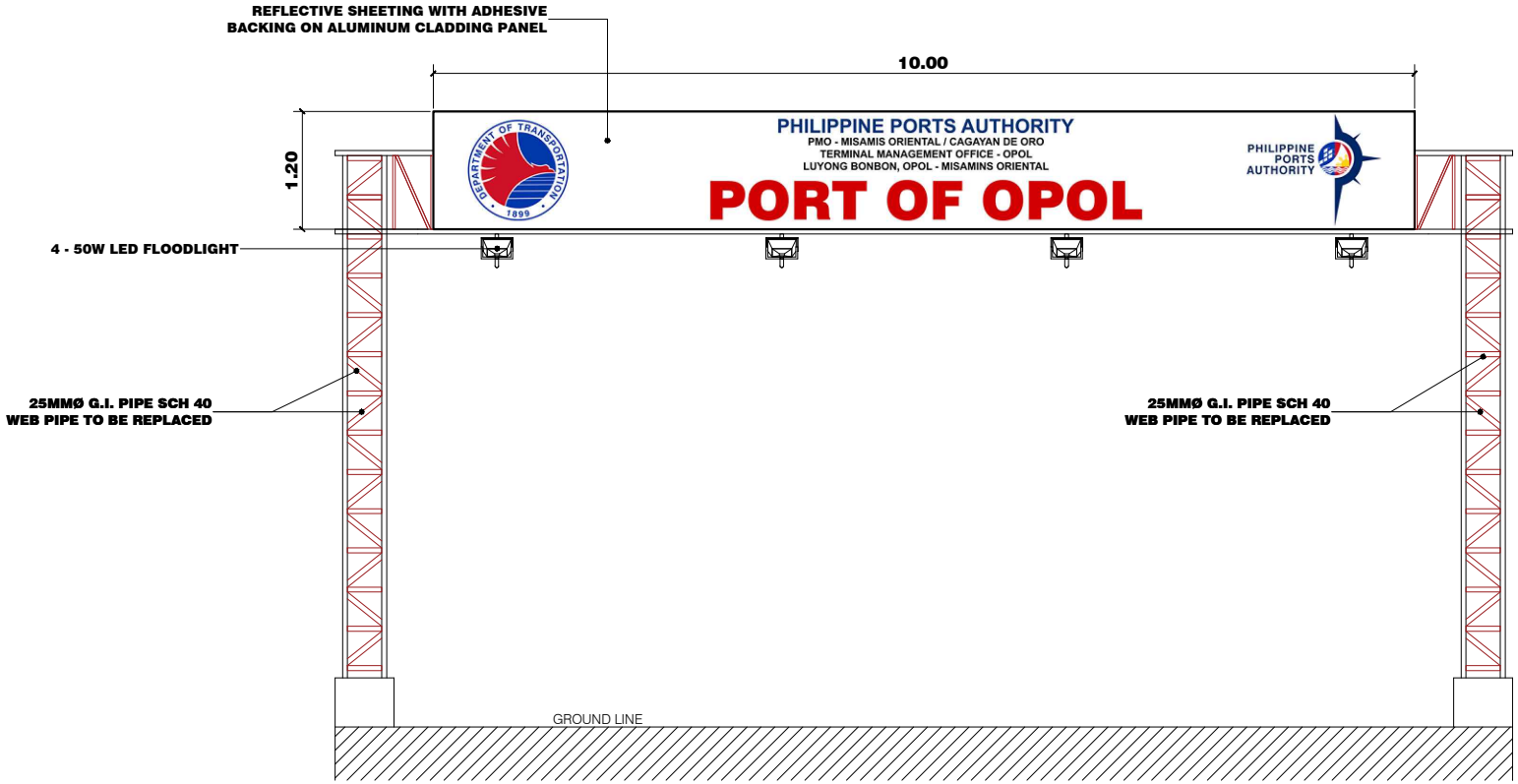
TITLE:	MAINTENANCE OF GATE, SIGNAGES, AND SECURITY FENCE
LOCATION:	PORT OF OPOL

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
PRINCESS PEARL S. PISARES	MARO M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Administrative Assistant II	Supervising Engineer A	Acting ESD Manager	Port Manager

Digitally signed by Fernando B. Mapalo, Jr.
Date: 2025.09.16 09:51:44 +08'00'

SHEET CONTENTS: * AS INDICATED

SHEET NO. 3 / 7



NOTE:

* The web members of the truss columns and truss beams shall be removed and replaced with 25mmØ G.I pipe sch. 40

* Horizontal and vertical chord shall remain in place and be retained.

GATE SIGNAGE

SCALE 1:50 MTS

PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

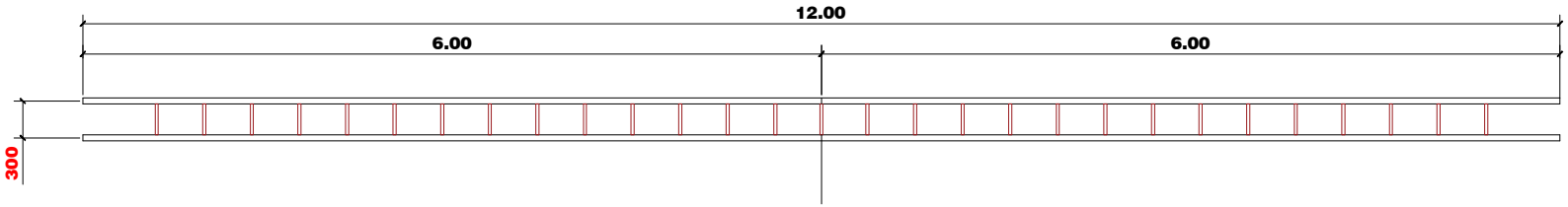
TITLE:	MAINTENANCE OF GATE, SIGNAGES, AND SECURITY FENCE
LOCATION:	PORT OF OPOL

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
PRINCESS PEARL S. PISARES	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Administrative Assistant II	Supervising Engineer A	Acting ESD Manager	Port Manager

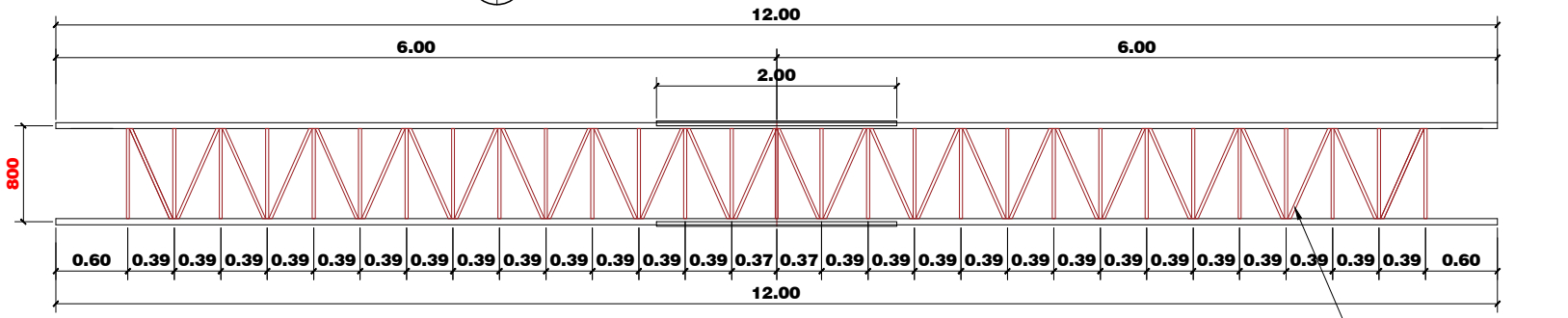
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SHEET CONTENTS: * AS INDICATED

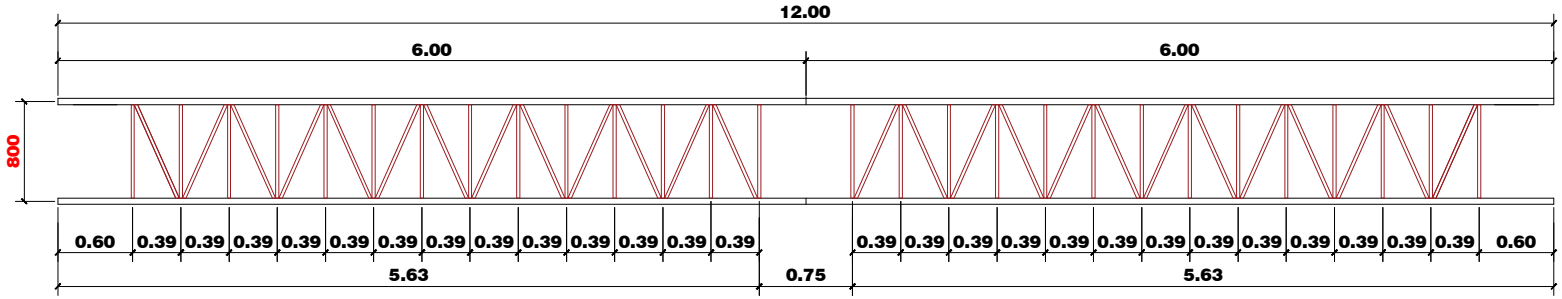
SHEET NO. 4 / 7



TOP & BOTTOM OF STEEL BEAM
SCALE: 1:40



SIDE ELEVATION OF STEEL BEAM
SCALE: 1:40



NOTE:

* The web members of the truss columns and truss beams shall be removed and replaced with 25mmØ G.I pipe sch. 40
* Horizontal and vertical chord shall remain in place and be retained.

SIDE ELEVATION OF STEEL BEAM
SCALE: 1:40

PHILIPPINE PORTS AUTHORITY
PORT OF CAGAYAN DE ORO
MISAMIS ORIENTAL

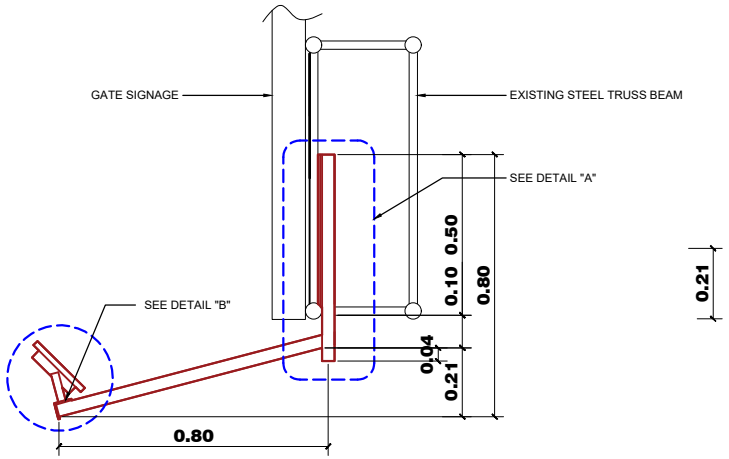
TITLE:	MAINTENANCE OF GATE, SIGNAGES, AND SECURITY FENCE
LOCATION:	PORT OF OPOL

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
PRINCESS PEARL S. PISARES	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Administrative Assistant II	Supervising Engineer A	Acting ESD Manager	Port Manager

Digitally signed by Fernando B. Mapalo, Jr.
Date: 2025.09.16 08:52:48 +08'00'

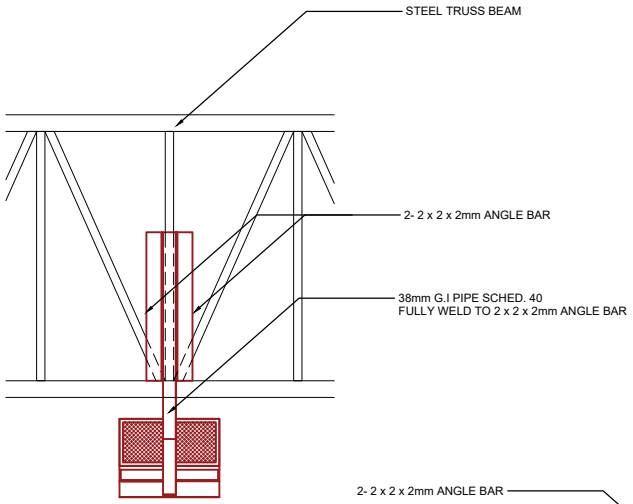
SHEET CONTENTS: * AS INDICATED

SHEET NO.: 5 / 7



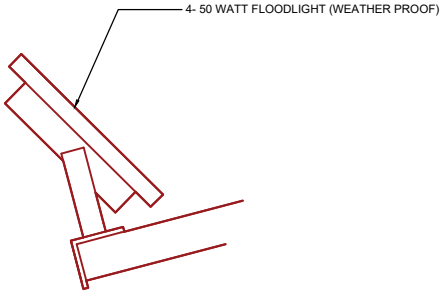
SIGNAGE OUTDOOR LIGHT DETAIL

SCALE 1 : 15



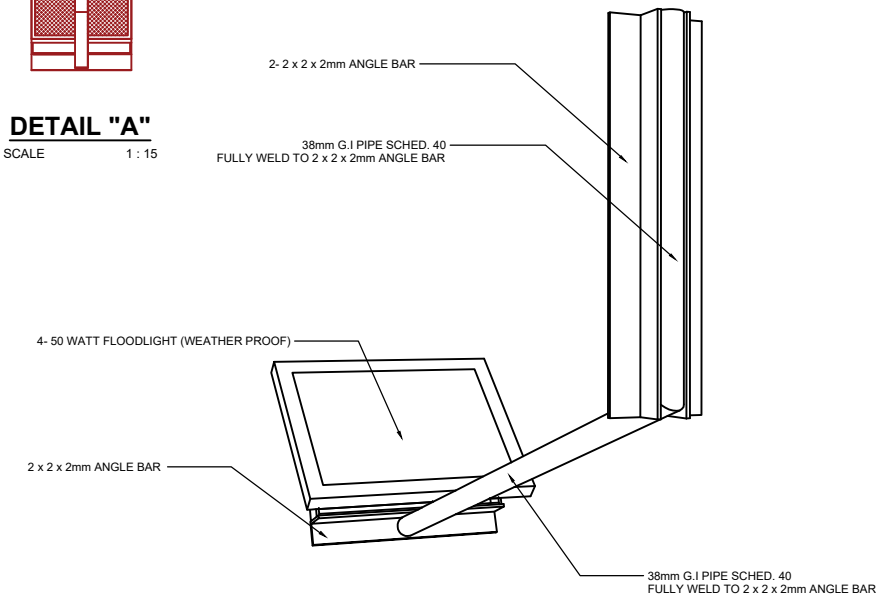
DETAIL "A"

SCALE 1 : 15



DETAIL "B"

SCALE 1 : 5



DETAIL "A" ISOMETRIC

SCALE 1 : 15

PHILIPPINE PORTS AUTHORITY

PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

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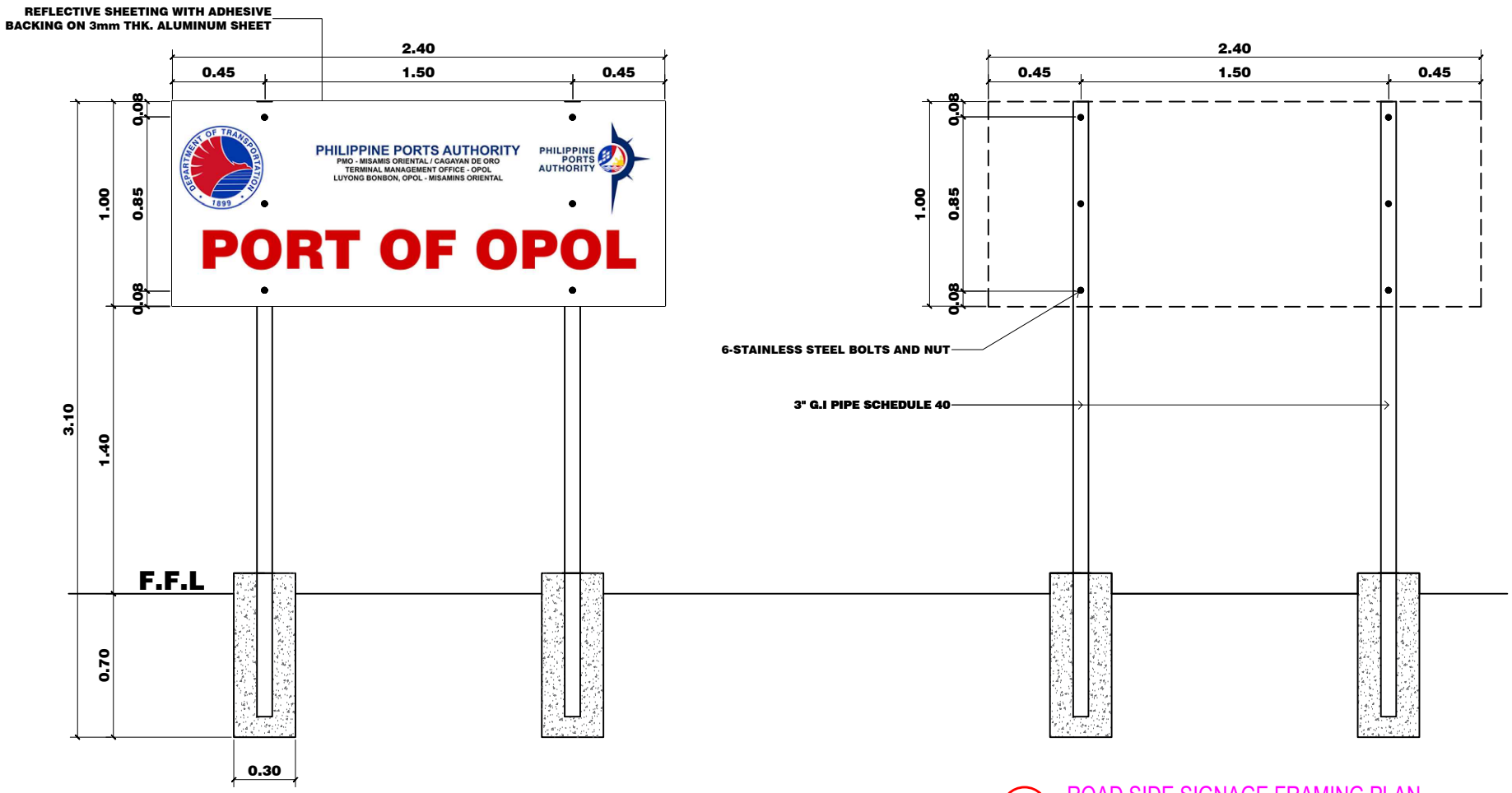
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SHEET CONTENTS

* AS INDICATED

SHEET NO.

6
7



ROAD SIDE SIGNAGE PLAN

SCALE 1:20 MTS

ROAD SIDE SIGNAGE FRAMING PLAN

SCALE 1:20 MTS

PHILIPPINE PORTS AUTHORITY

PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

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Administrative Assistant II	Supervising Engineer A	Acting ESD Manager	Port Manager

Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16 09:52:23 +08:00

SHEET CONTENTS

* AS INDICATED

SHEET NO.

7
7