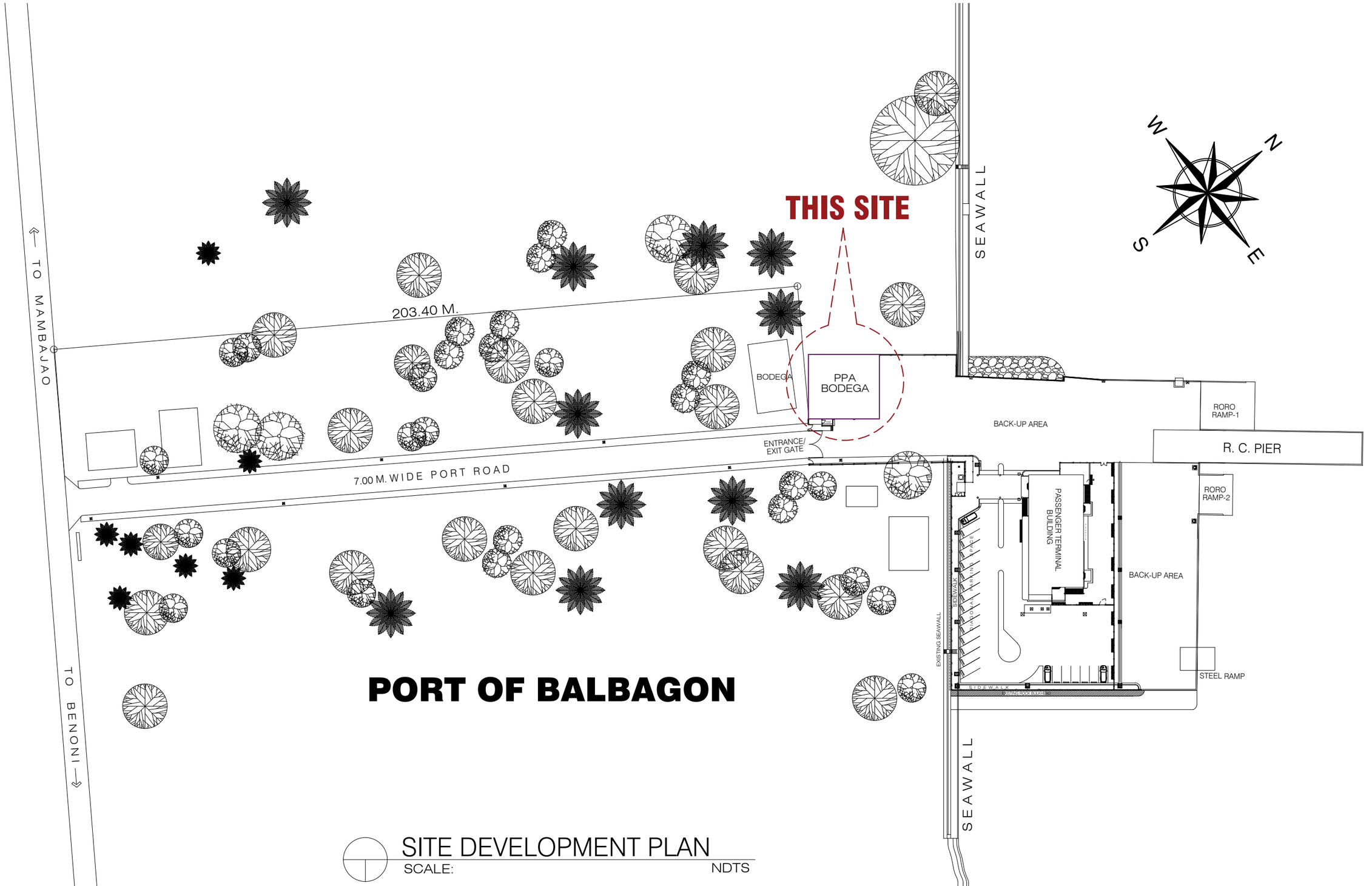


PORT OF BALBAGON

SITE DEVELOPMENT PLAN

SCALE: NDTS

PHILIPPINE PORTS AUTHORITY

PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

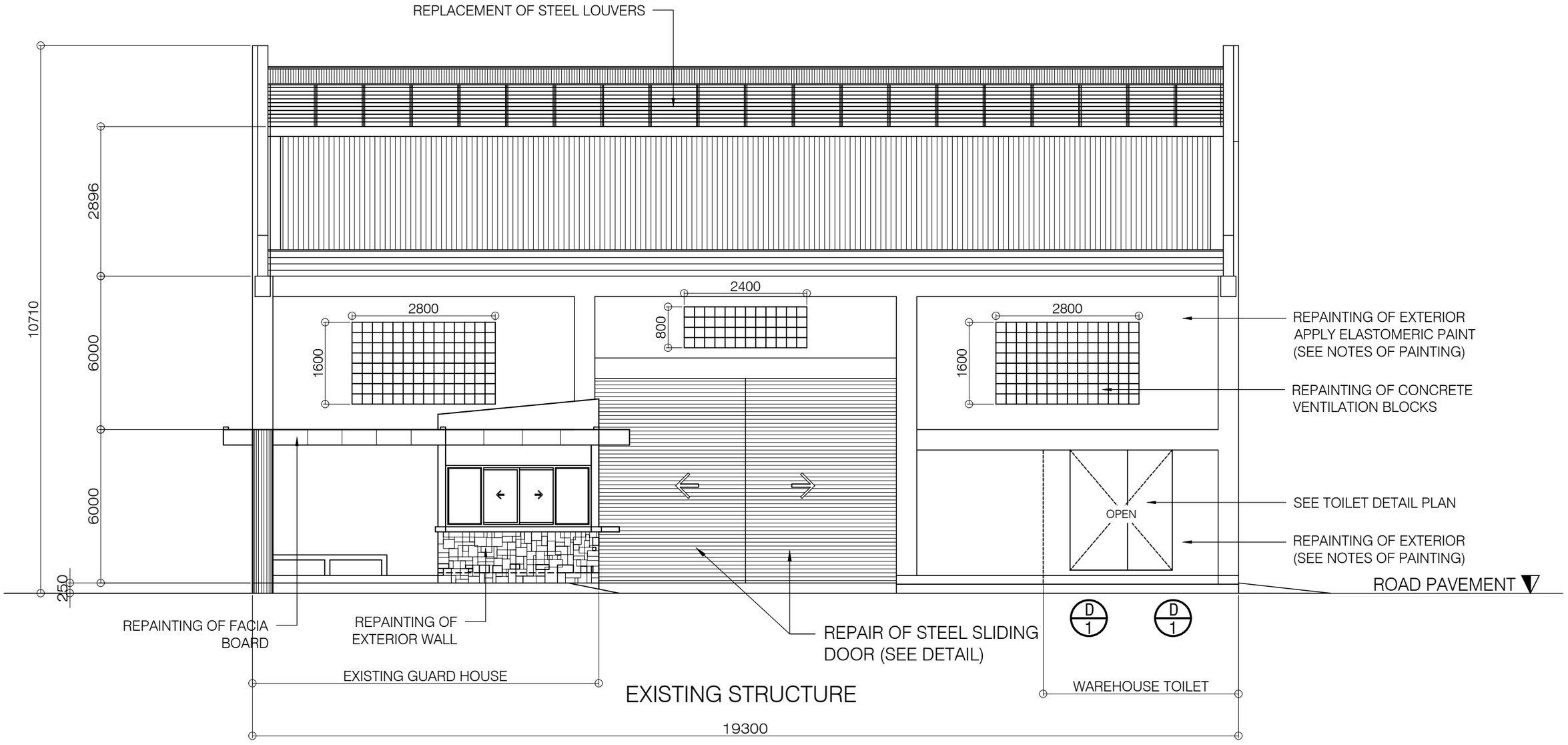
TITLE:	**MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON**
LOCATION:	PORT OF BALBAGON, CAMIGUIN

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

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

SHEET CONTENTS: * AS INDICATED

SHEET NO.: 1 / 10



WAREHOUSE
FRONT ELEVATION
SCALE 1:80 MTS

PHILIPPINE PORTS AUTHORITY

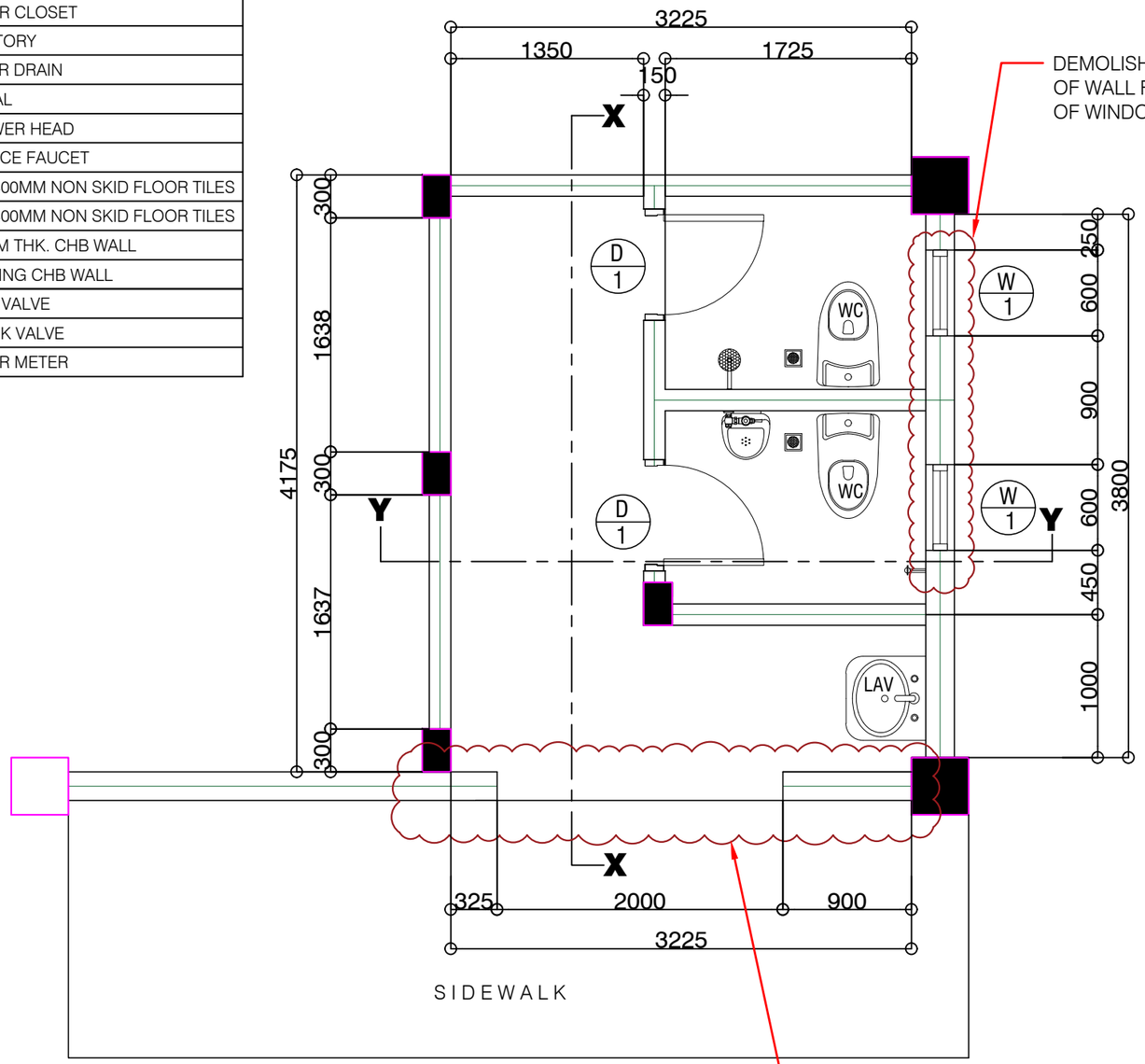
PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE:	**MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON**	SHEET CONTENTS	SHEET NO.
LOCATION:	PORT OF BALBAGON, CAMIGUIN	* AS INDICATED	2 / 10

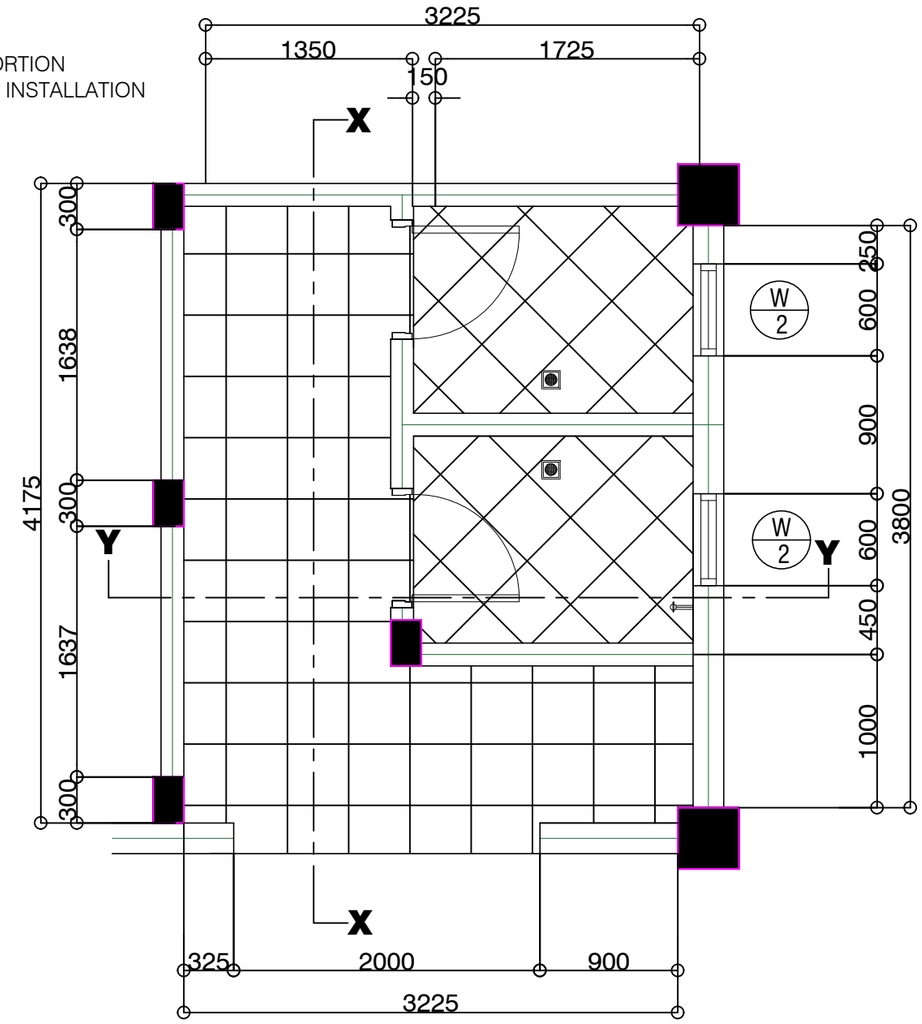
PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
KAREL T. SUMICAD	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Construction Foreman	Supervising Engineer A	Acting ESD Manager	Port Manager

Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16 10:21:38 +08:00

LEGEND:	
W1	100MM THK. CHB WALL
W2	150MM THK. EXISTING WALL
WC	WATER CLOSET
LAV	LAVATORY
FD	FLOOR DRAIN
UR	URINAL
SH	SHOWER HEAD
SF	SERVICE FAUCET
F1	400X400MM NON SKID FLOOR TILES
F2	400X400MM NON SKID FLOOR TILES
W1	150MM THK. CHB WALL
W2	EXISTING CHB WALL
GV	GATE VALVE
CV	CHECK VALVE
WM	WATER METER



FLOOR PLAN
SCALE 1:40 MTS



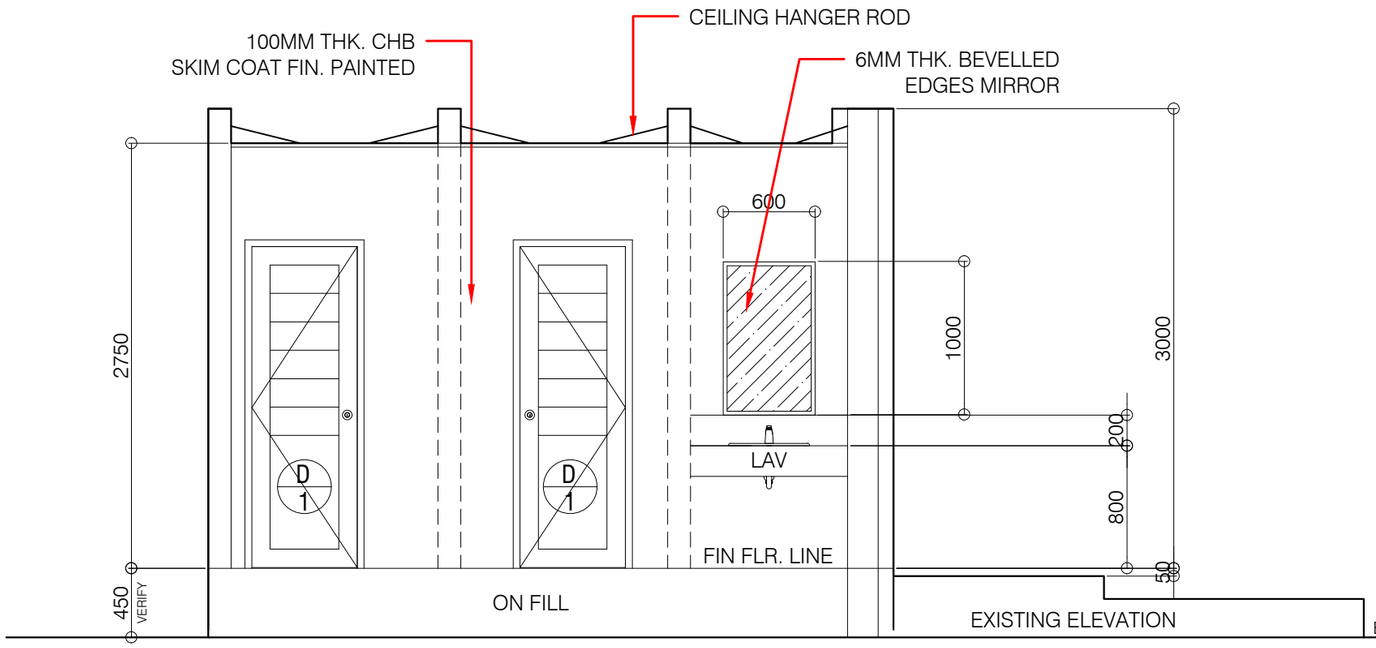
FLOOR TILE LAYOUT
SCALE 1:40 MTS

PHILIPPINE PORTS AUTHORITY
PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

TITLE:	MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON	SHEET CONTENTS	SHEET NO.
LOCATION:	PORT OF BALBAGON, CAMIGUIN	* AS INDICATED	3 / 10

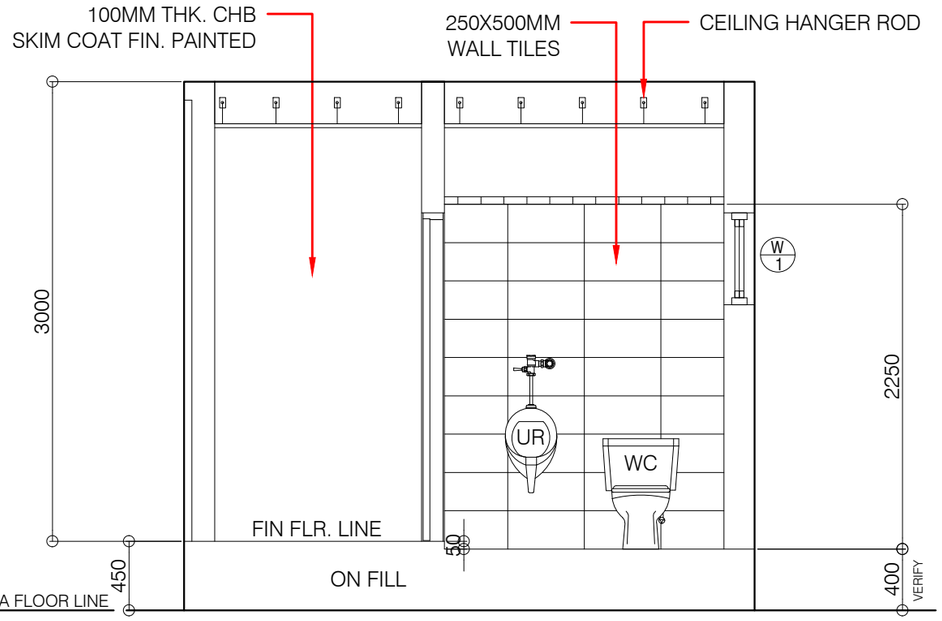
PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
KAREL T. SUMICAD	MARC M. AVELLANA	ANTONIO M. TOROINO, JR.	FERNANDO B. MAPALO, JR.
Construction Foreman	Supervising Engineer A	Acting ESD Manager	Port Manager

Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16 10:23:04 +08'00'



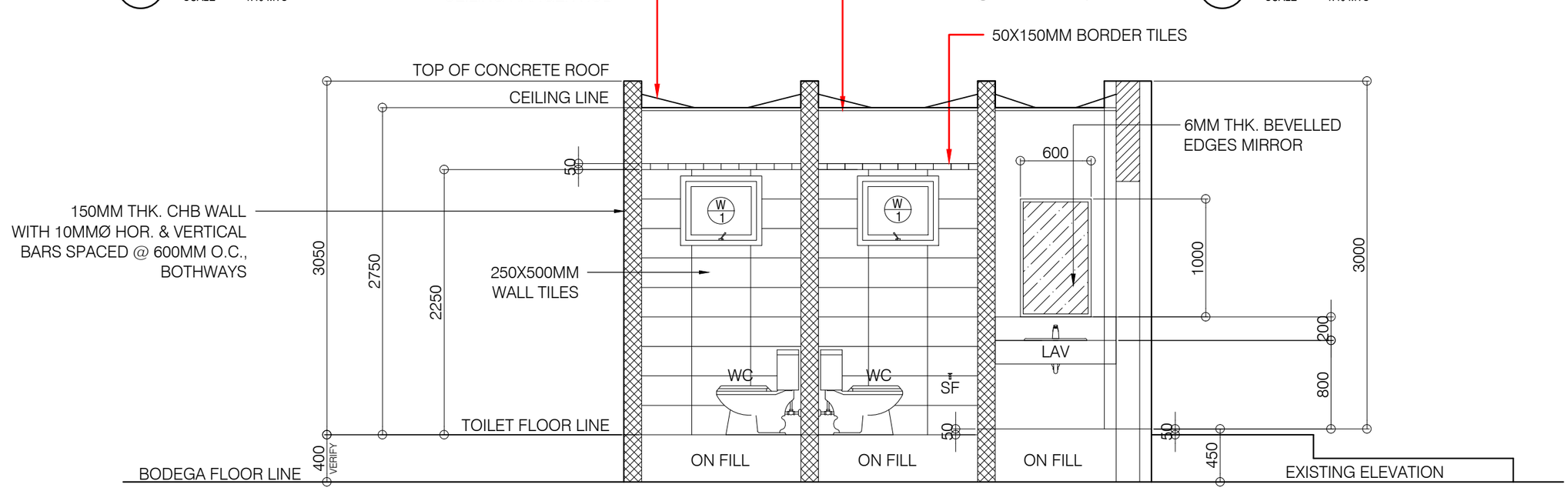
SECTION X-X

SCALE 1:40 MTS



SECTION Y-Y

SCALE 1:40 MTS



SECTION X-X

SCALE 1:40 MTS

PHILIPPINE PORTS AUTHORITY

PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE:	**MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON**
LOCATION:	PORT OF BALBAGON, CAMIGUIN

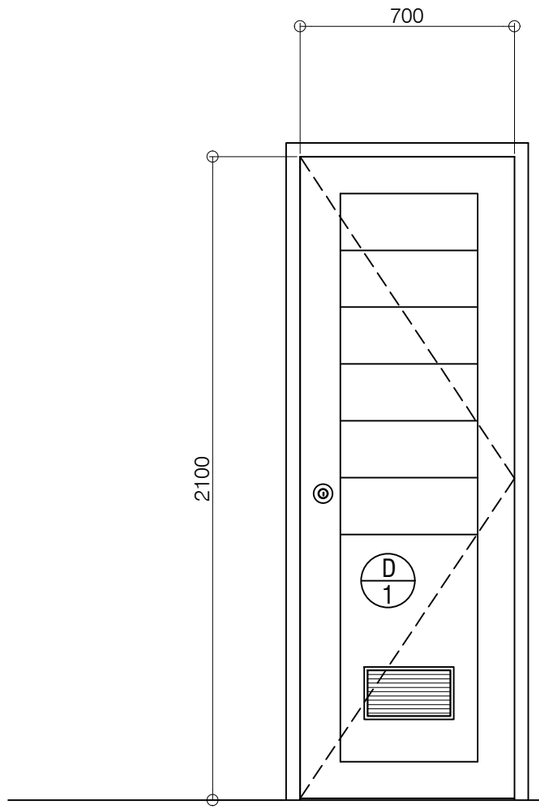
PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
KAREL T. SUMICAD Construction Foreman	MARC M. AVELLANA Supervising Engineer A	ANTONIO M. TORCINO, JR. Acting ESD Manager	FERNANDO B. MAPALO, JR. Port Manager Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16 10:32:24 +08'00'

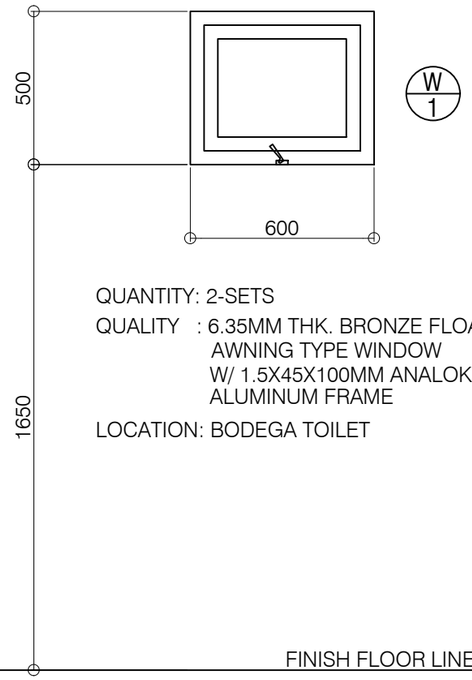
SHEET CONTENTS

* AS INDICATED

SHEET NO.

4
10





QUANTITY: 2-SETS
QUALITY : 6.35MM THK. BRONZE FLOAT GLASS
AWNING TYPE WINDOW
W/ 1.5X45X100MM ANALOK
ALUMINUM FRAME
LOCATION: BODEGA TOILET

FINISH FLOOR LINE

QUANTITY: 2-SETS
QUALITY : SOLID WOODEN PANEL DOOR W/ LOUVRE,
45X140MM DOOR JAMB, 4-HINGES,
& DOOR KNOB
LOCATION: BODEGA TOILET

SCHEDULE OF DOORS AND WINDOWS

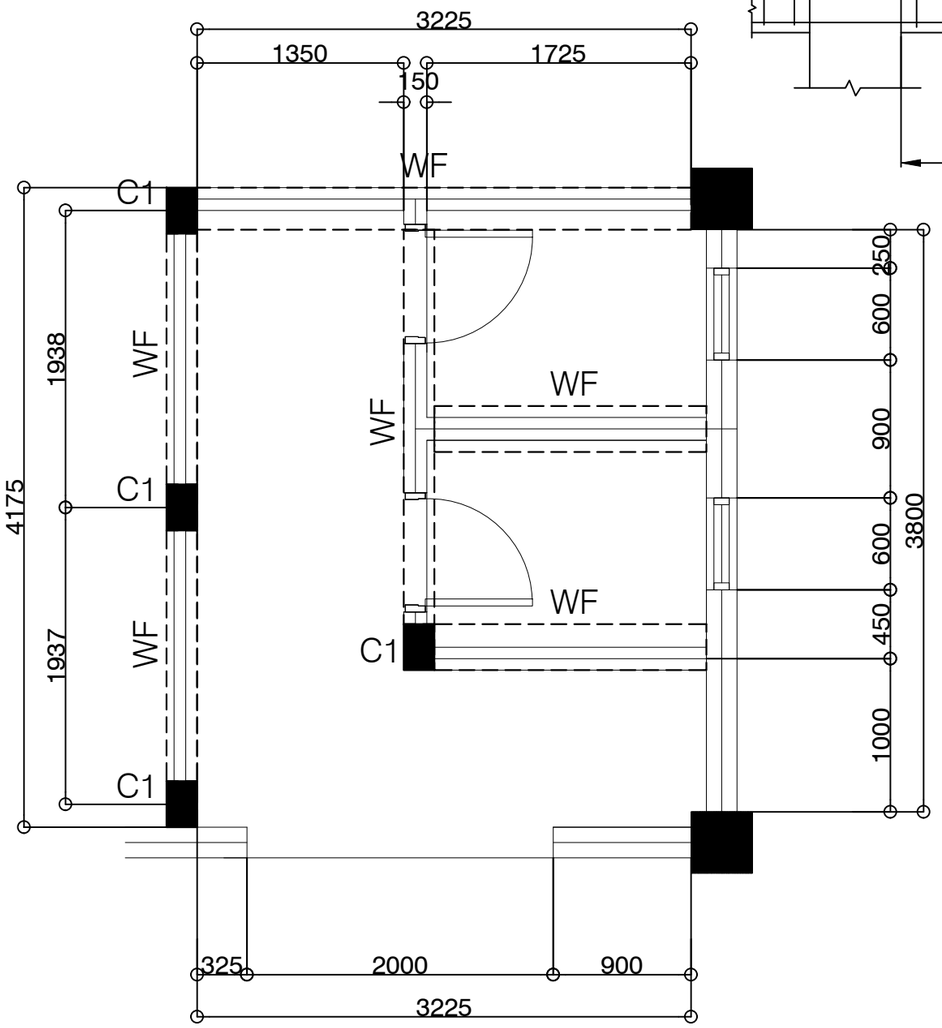
SCALE 1:20 MTS

PHILIPPINE PORTS AUTHORITY
PORT OF CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE:	MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON	SHEET CONTENTS	SHEET NO.
LOCATION:	PORT OF BALBAGON, CAMIGUIN	* AS INDICATED	5 / 10

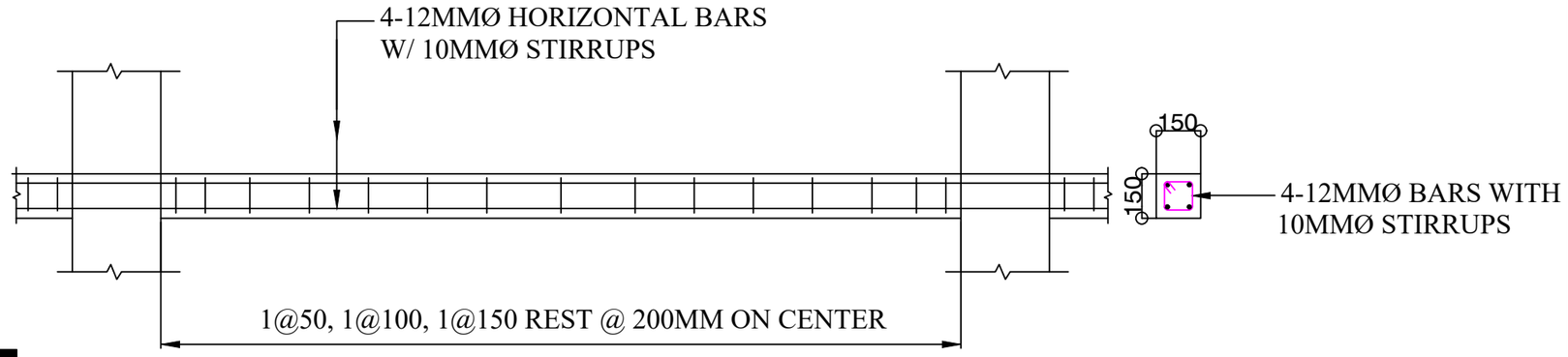
PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
KAREL T. SUMICAD	MARC M. AVELLANA	ANTONIO M. TORCINO, JR.	FERNANDO B. MAPALO, JR.
Construction Foreman	Supervising Engineer A	Acting ESD Manager	Port Manager

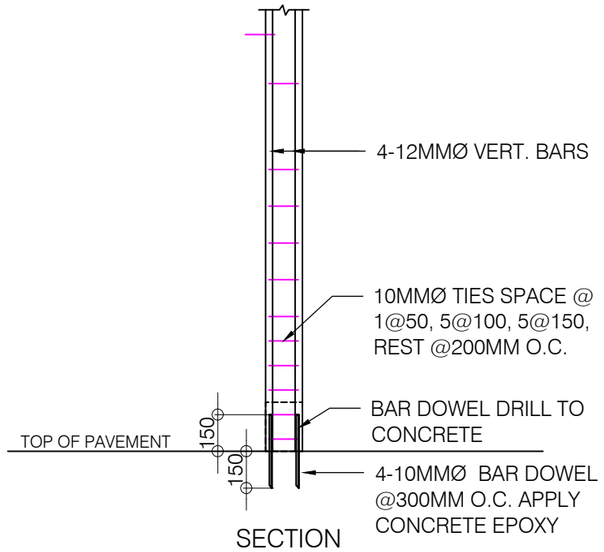
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Date: 2025.09.16



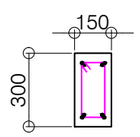
FOUNDATION PLAN

SCALE 1:40 MTS





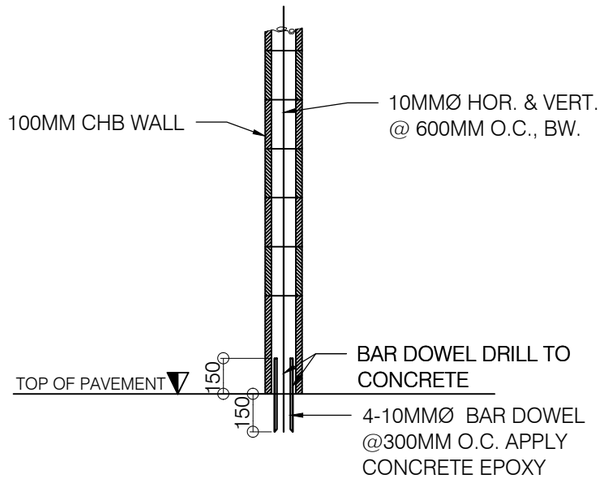
SECTION



PLAN

DET. OF COLUMN 1

SCALE 1:25 MTS



DET. OF WALL FOOTING

SCALE 1:25 MTS

PHILIPPINE PORTS AUTHORITY

PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

TITLE:	**MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON**
LOCATION:	PORT OF BALBAGON, CAMIGUIN

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
KAREL T. SUMICAD Construction Foreman	MARC M. AVELLANA Supervising Engineer A	ANTONIO M. TORCINO, JR. Acting ESD Manager	FERNANDO B. MAPALO, JR. Port Manager Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16 10:52:58 +08'00'

SHEET CONTENTS

* AS INDICATED

SHEET NO.

6
10

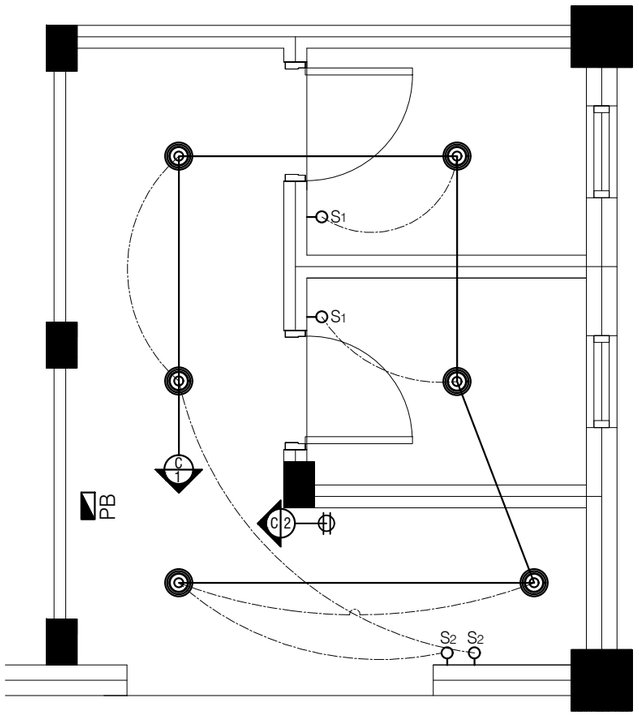
PANEL BOARD

SCHEDULE OF LOADS & DESIGN COMPUTATION

			NO. OF SWITCHES			VOLTS	Hz	AMPERE	PROTECTION	COMPUTATION	SIZE OF CONDUCTOR AND CONDUIT
CIRCUIT NO.	DESCRIPTION	QUANTITY	S1	S2	S3						
C1	LIGHTING	6	2	2		220	60	2.72 A		6 X 100 / 220 = 2.72 A	3.5mm2 - 3/4"Ø uPVC
C2	CONVENIENCE	1				220	60	0.90 A		1 X 200 / 220 = 0.90 A	3.5mm2 - 3/4"Ø uPVC
C3	SPARE					220	60				
						TOTAL		3.62 A			

RS 100B LED 30 27W D150
DUPLEX CONVENIENCE OUTLET
PANEL BOARD (PB)
CIRCUIT HOMERUN
S1 SINGLE GANG SWITCH
S2 TWO GANG SWITCH
M KILO-WATT-HOUR METER
SERVICE ENTRANCE CAP

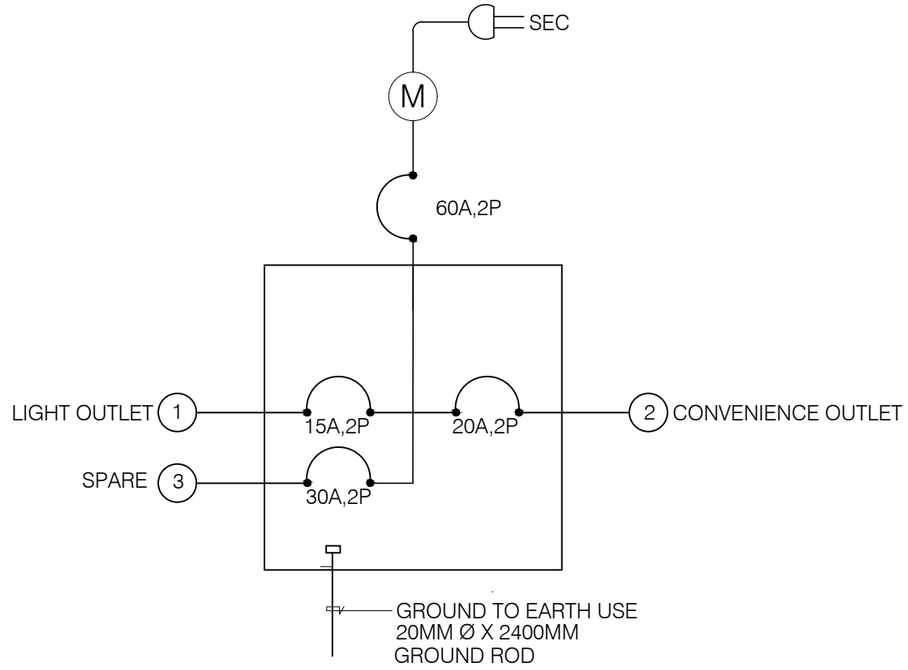
3.62A * 125% = 4.525 A
SERVICE ENTRANCE WIRE: 8.0mm2 THWN, 30mm Ø uPVC
MAIN CIRCUIT PROTECTION: 100 AMPERE CIRCUIT BREAKER



FOUNDATION PLAN
SCALE 1:40 MTS

NOTES :

1. LIGHTING SWITCHES ---------- 1.4m ABOVE FLOOR FINISH
2. CONVENIENCE OUTLETS ---------- 0.3m ABOVE FLOOR FINISH OR AS REQUIRED
3. PANELBOARDS & CABINETS --------- 1.8m ABOVE FLOOR FINISH AT TOP OR AS REQUIRED



PHILIPPINE PORTS AUTHORITY
PORT OF CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE: **MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON**

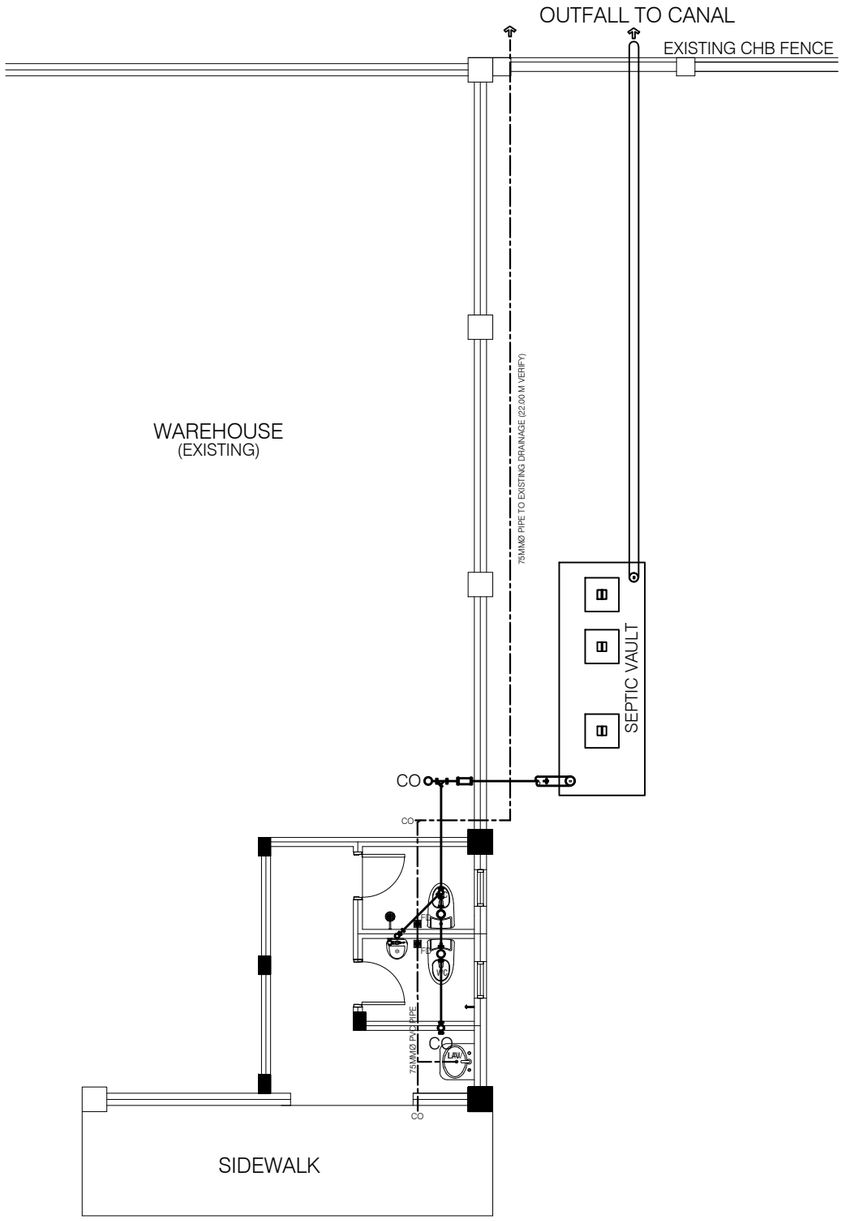
LOCATION: PORT OF BALBAGON, CAMIGUIN

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

Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16 10:53:17 +08:00

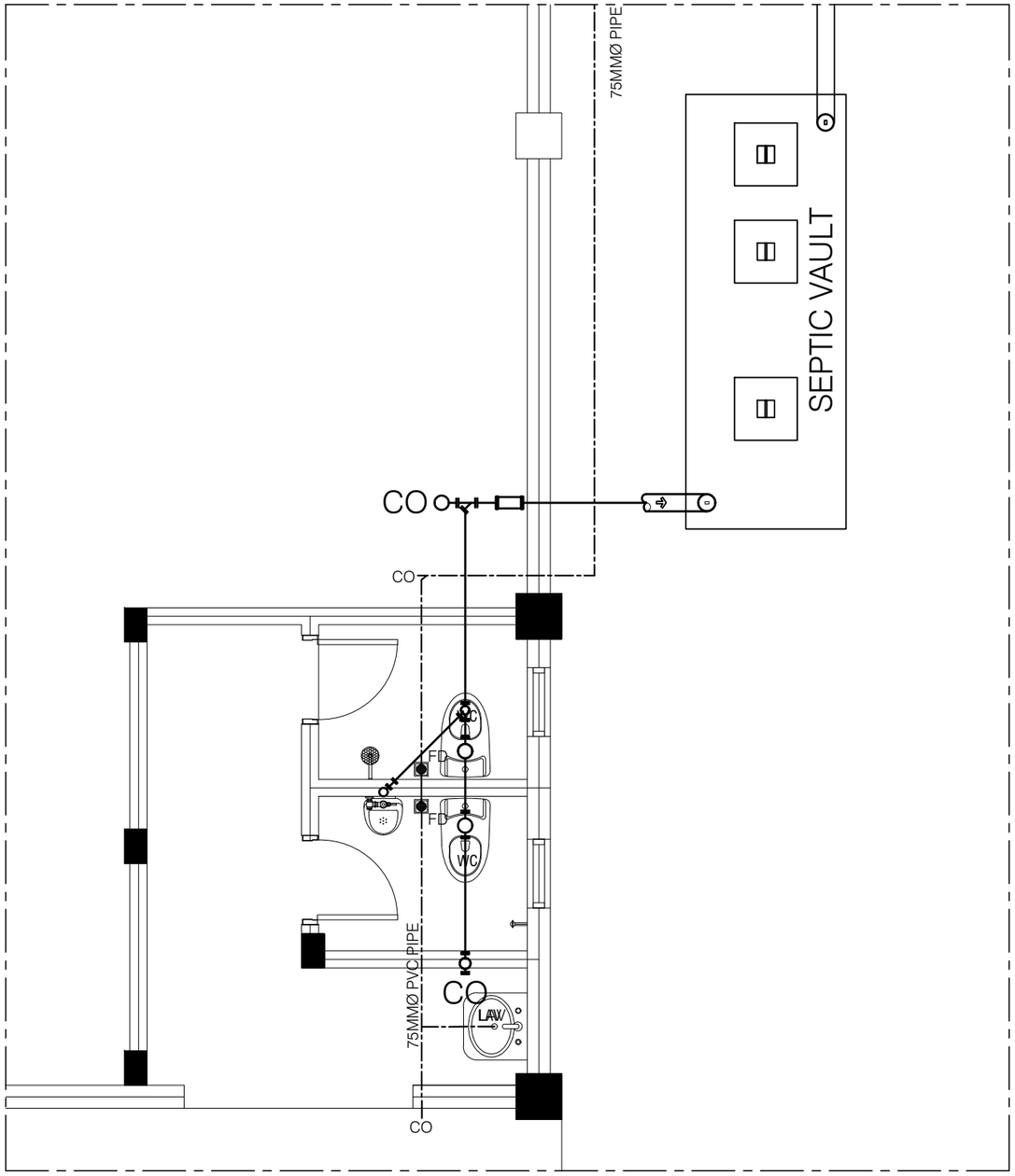
SHEET CONTENTS: * AS INDICATED

SHEET NO. 7 / 10



SOLID AND WATER WASTE LAYOUT

SCALE 1:100 MTS



BLOW-UP DETAIL

SOLID AND WATER WASTE LAYOUT

SCALE 1:50 MTS

PHILIPPINE PORTS AUTHORITY

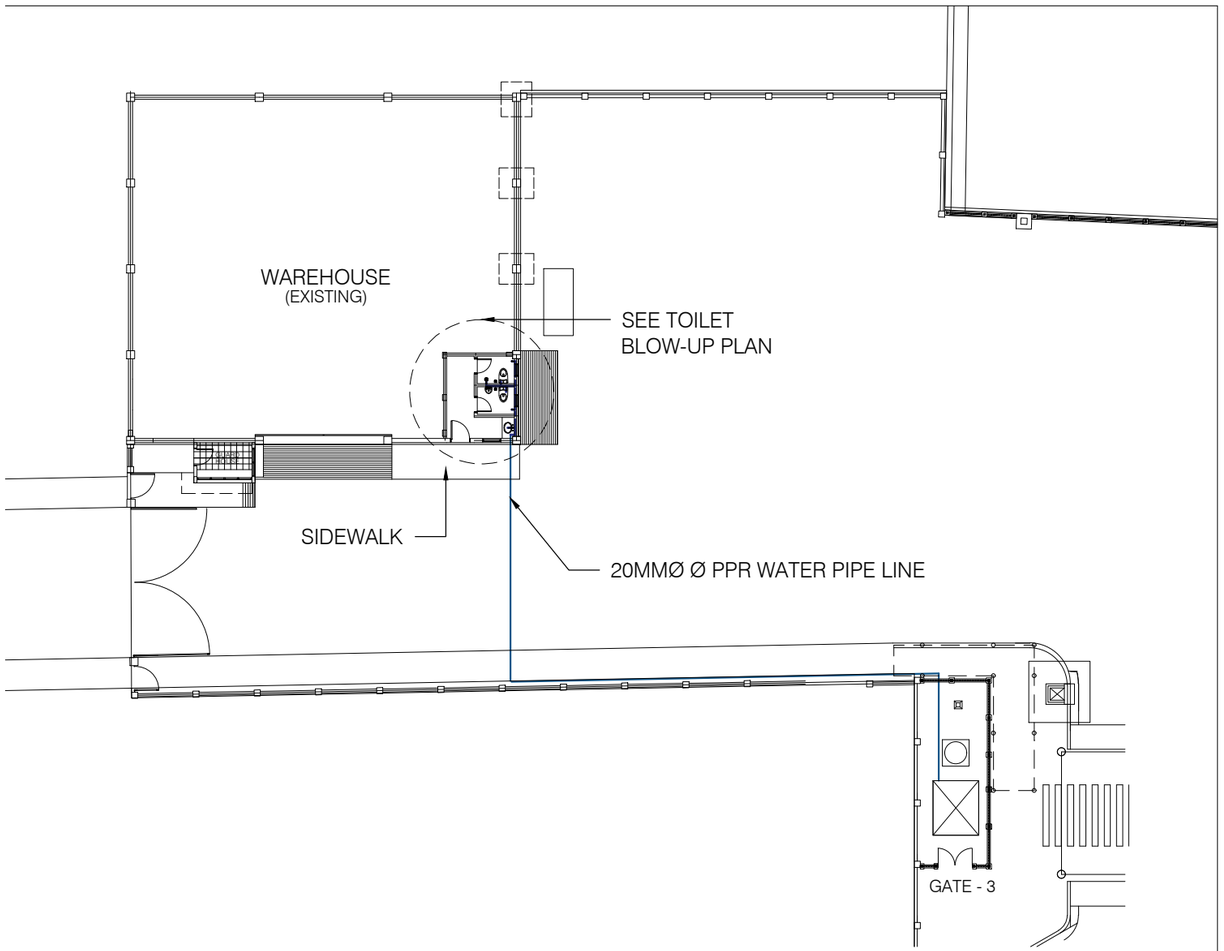
PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

TITLE:	**MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON**
LOCATION:	PORT OF BALBAGON, CAMIGUIN

PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
KAREL T. SUMICAD Construction Foreman	MARC M. AVELLANA Supervising Engineer A	ANTONIO M. TORCINO, JR. Acting ESD Manager	FERNANDO B. MAPALO, JR. Port Manager Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16 10:33:38 +08'00'

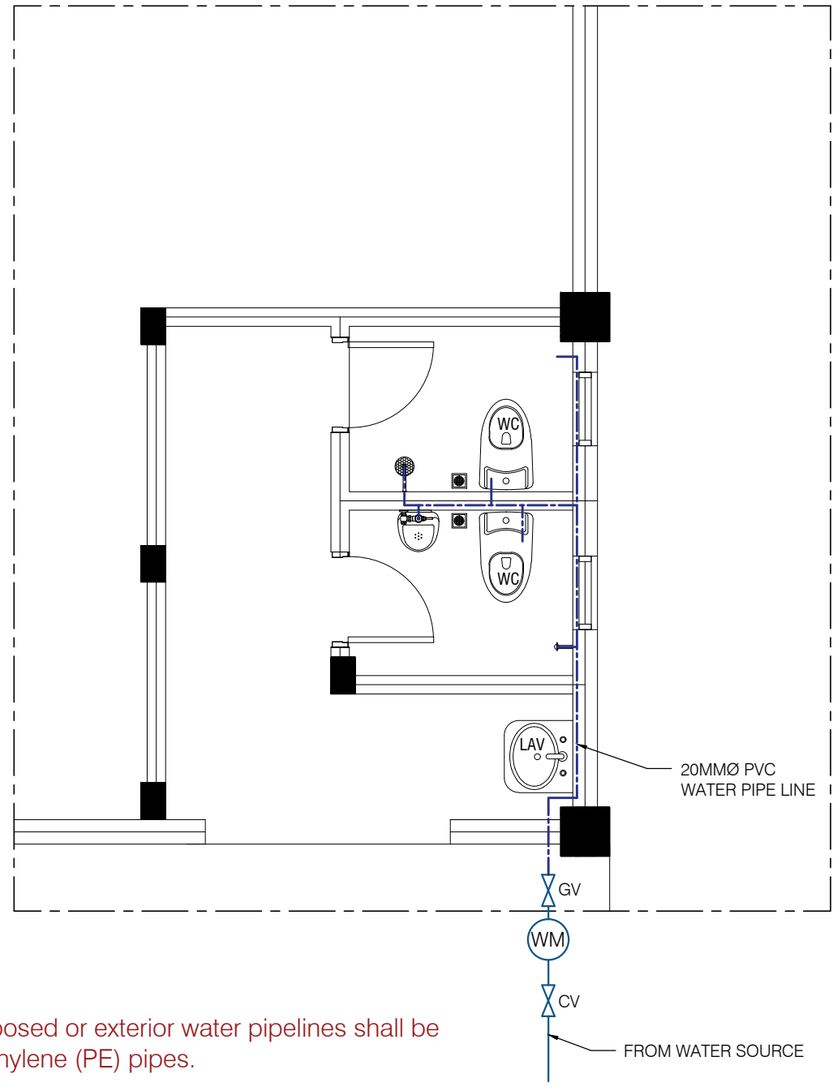
SHEET CONTENTS: * AS INDICATED

SHEET NO.: 8 / 10



WATER SUPPLY LAYOUT PLAN

SCALE 1:100 MTS



NOTE:
All exposed or exterior water pipelines shall be Polyethylene (PE) pipes.

BLOW-UP DETAIL
WATER SUPPLY LAYOUT PLAN

SCALE 1:50 MTS

PHILIPPINE PORTS AUTHORITY

PORT OF
CAGAYAN DE ORO
MISAMIS ORIENTAL

TITLE:	**MAINTENANCE OF WAREHOUSE TOILET, PORT OF BALBAGON**
LOCATION:	PORT OF BALBAGON, CAMIGUIN

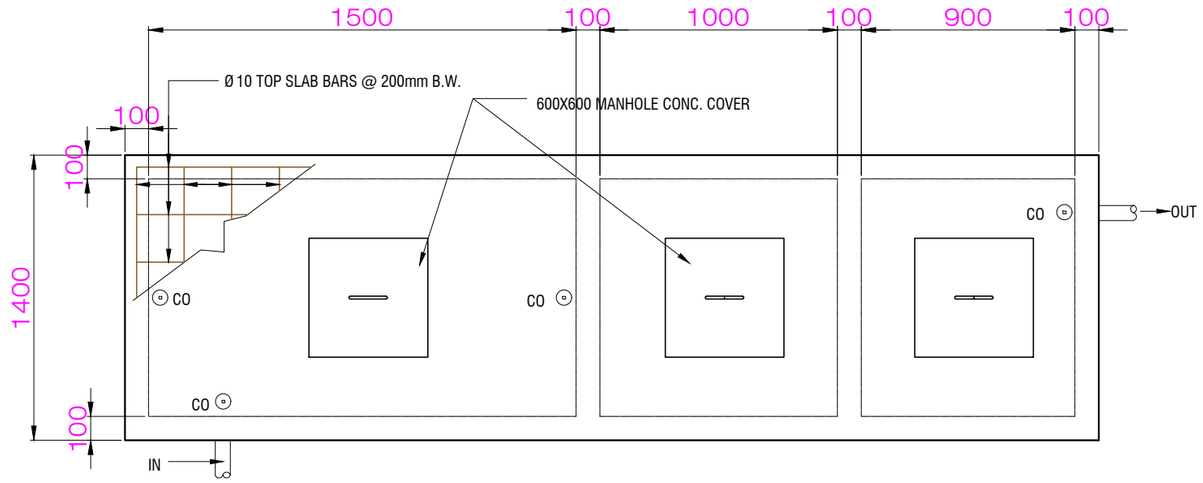
PREPARED BY:	CHECKED BY:	RECOMMENDED BY:	APPROVED BY:
KAREL T. SUMICAD Construction Foreman	MARC M. AVELLANA Supervising Engineer A	ANTONIO M. TORCINO, JR. Acting ESD Manager	FERNANDO B. MAPALO, JR. Port Manager Digitally signed by Fernando B. Mapalo, Jr. Date: 2025.09.16 10:34:19 +08'00'

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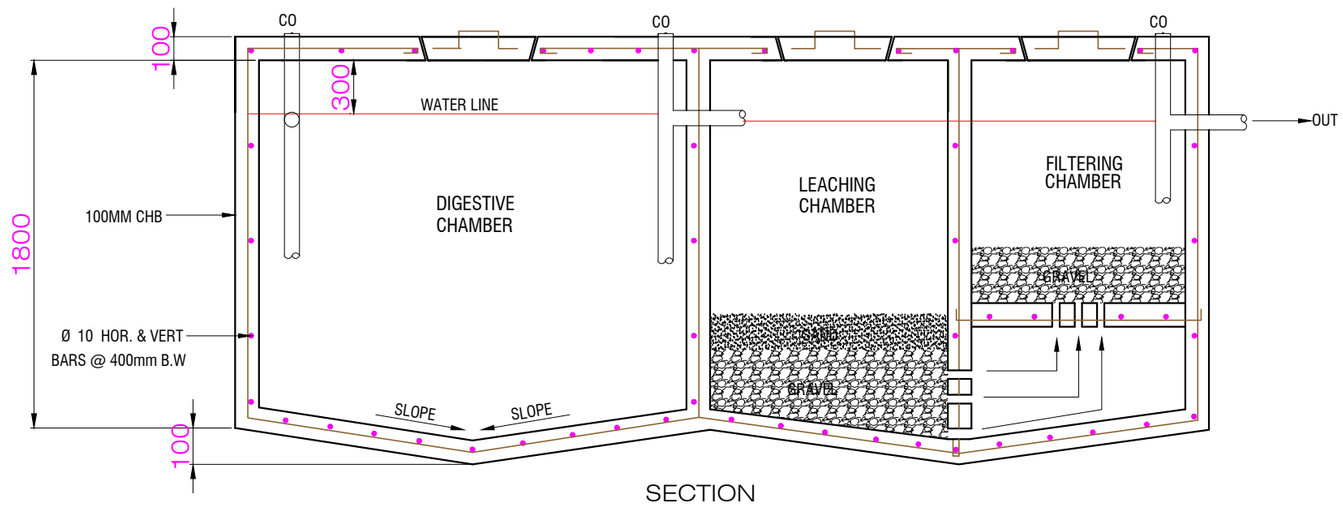
* AS INDICATED

SHEET NO.

9
10



PLAN



SECTION

SEPTIC VAULT DETAIL

SCALE 1:30 MTS

PHILIPPINE PORTS AUTHORITY

PORT OF CAGAYAN DE ORO MISAMIS ORIENTAL

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LOCATION:	PORT OF BALBAGON, CAMIGUIN

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

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

SHEET CONTENTS: * AS INDICATED

SHEET NO.: 10 / 10