REPUBLIC OF THE PHILIPPINES

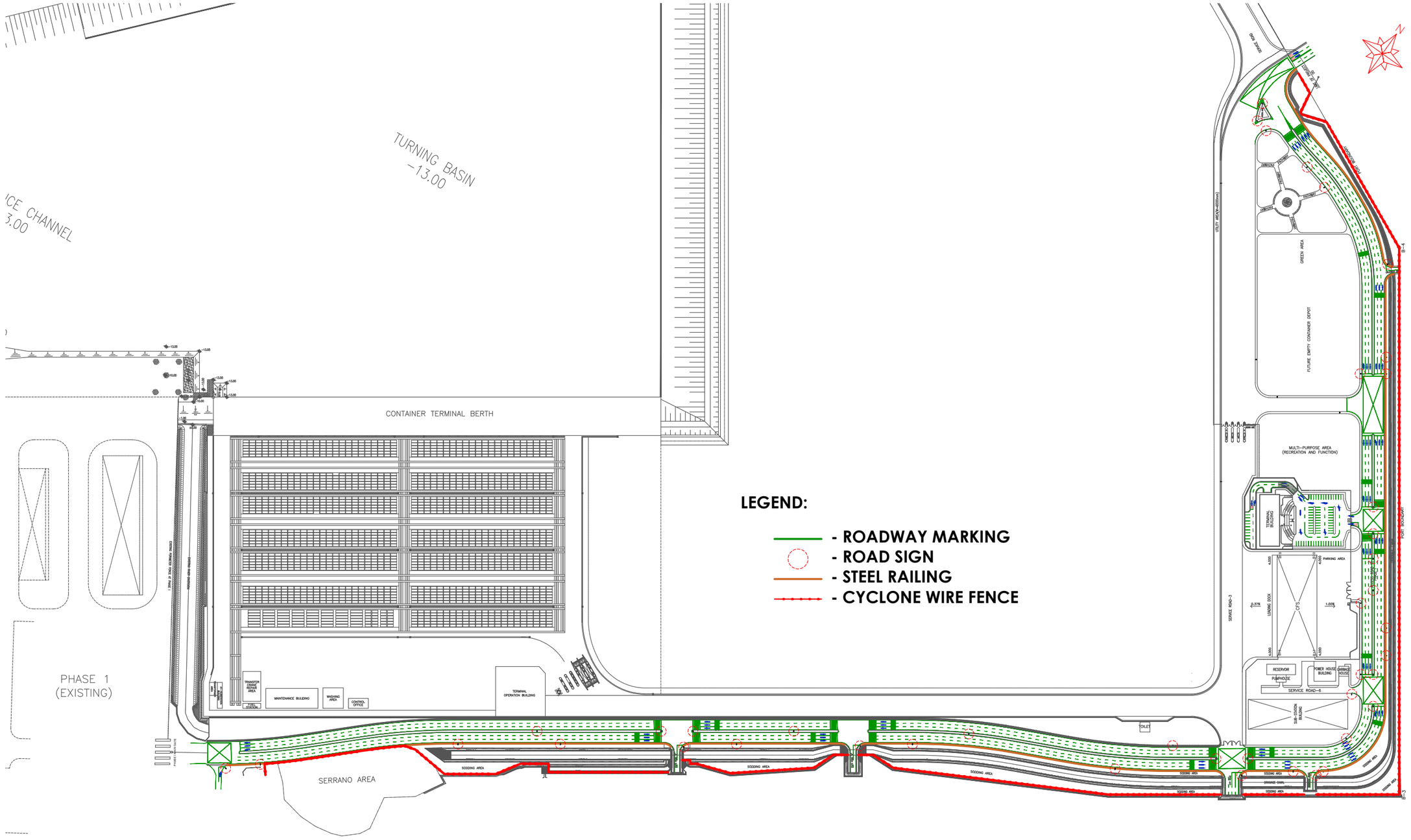
PHILIPPINE PORTS AUTHORITY

PMO-BATANGAS BATANGAS CITY

LAYOUT PLAN & DETAILS

REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE

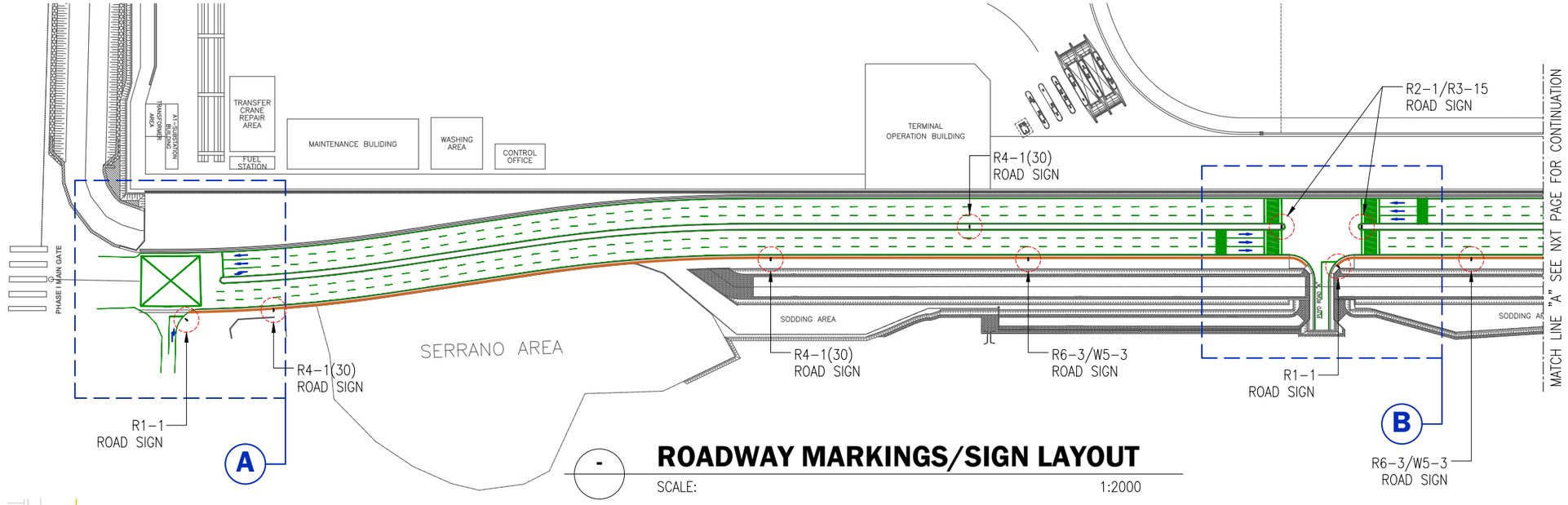
PORT OF BATANGAS, BATANGAS CITY



GENERAL LAYOUT

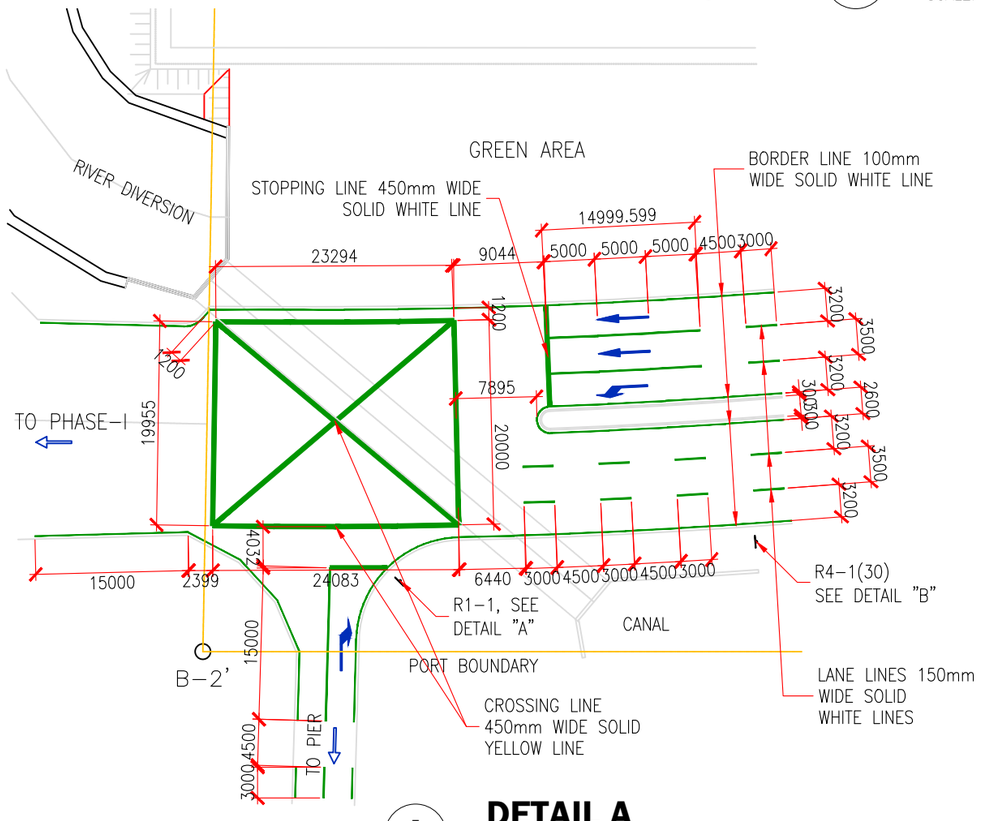
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PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 01 / 12 DATE: Jul - 2017



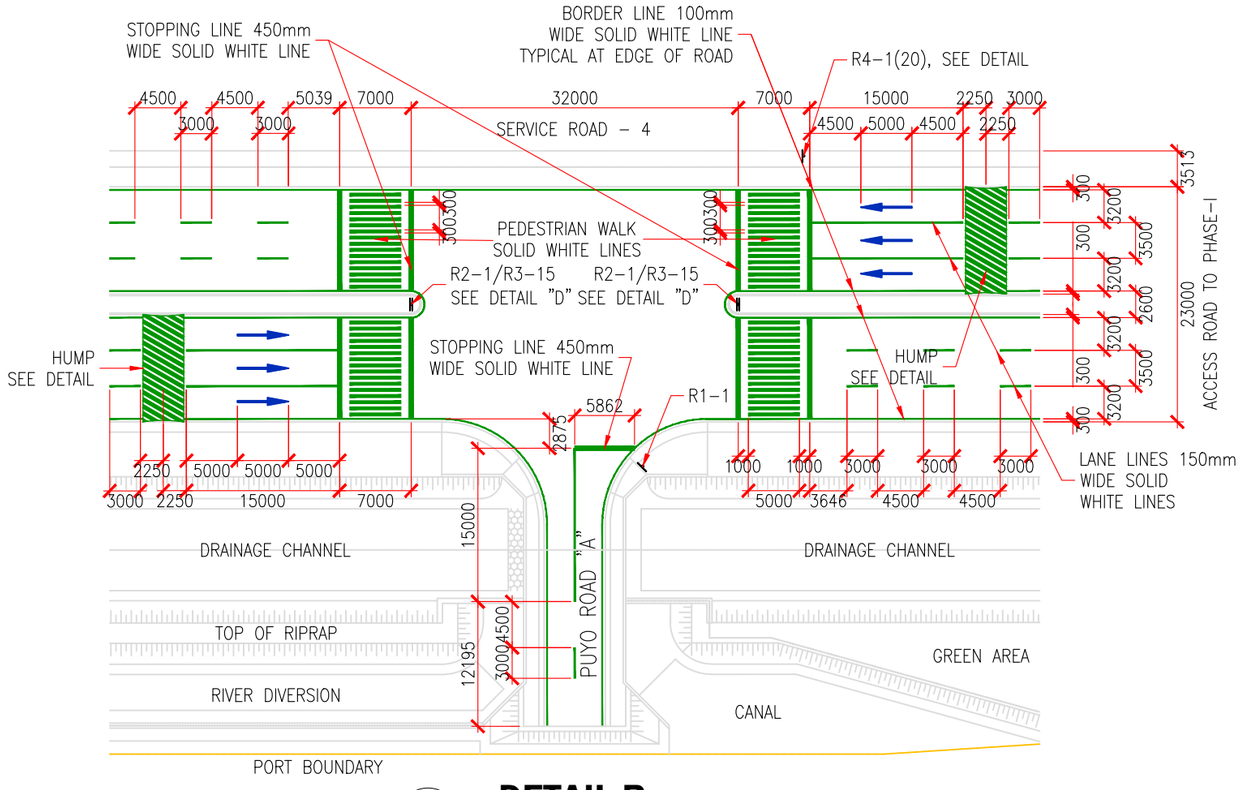
ROADWAY MARKINGS/SIGN LAYOUT

SCALE: 1:2000



DETAIL A

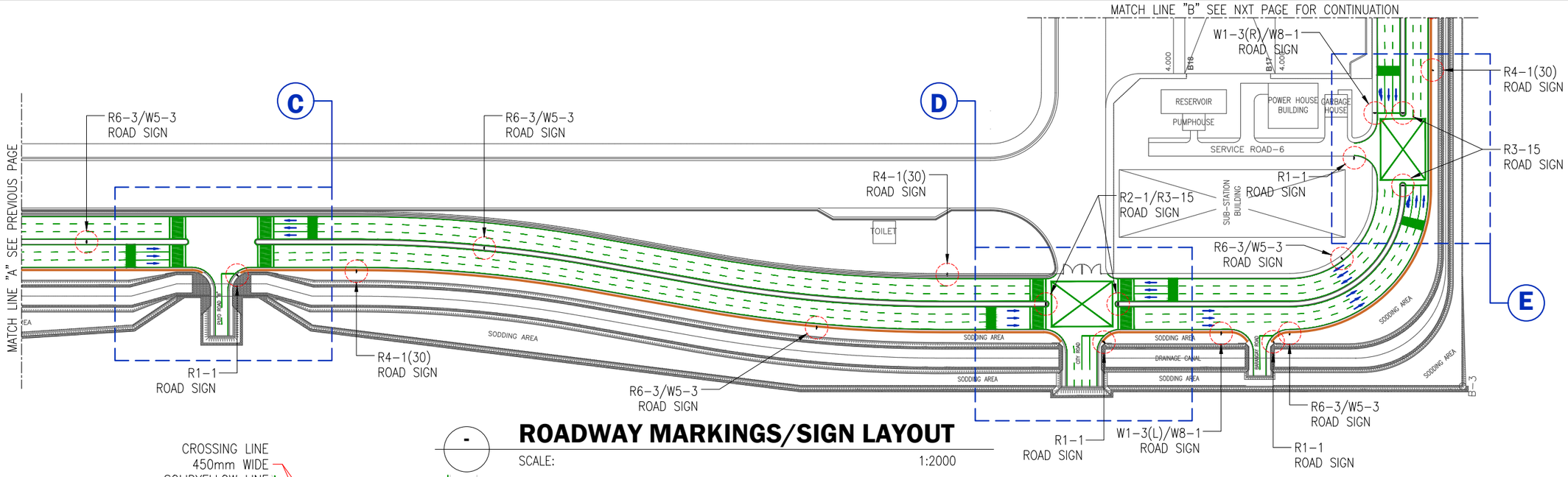
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DETAIL B

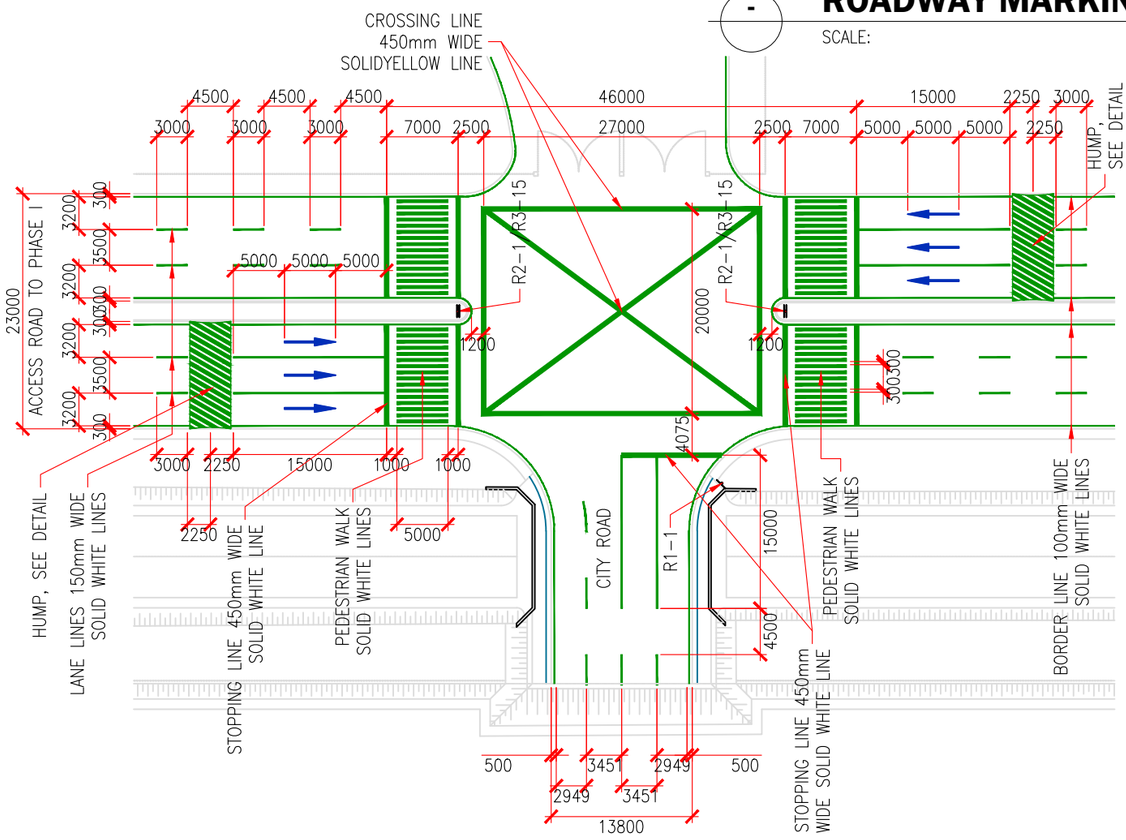
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PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 02 | 12 DATE: Jul - 2017



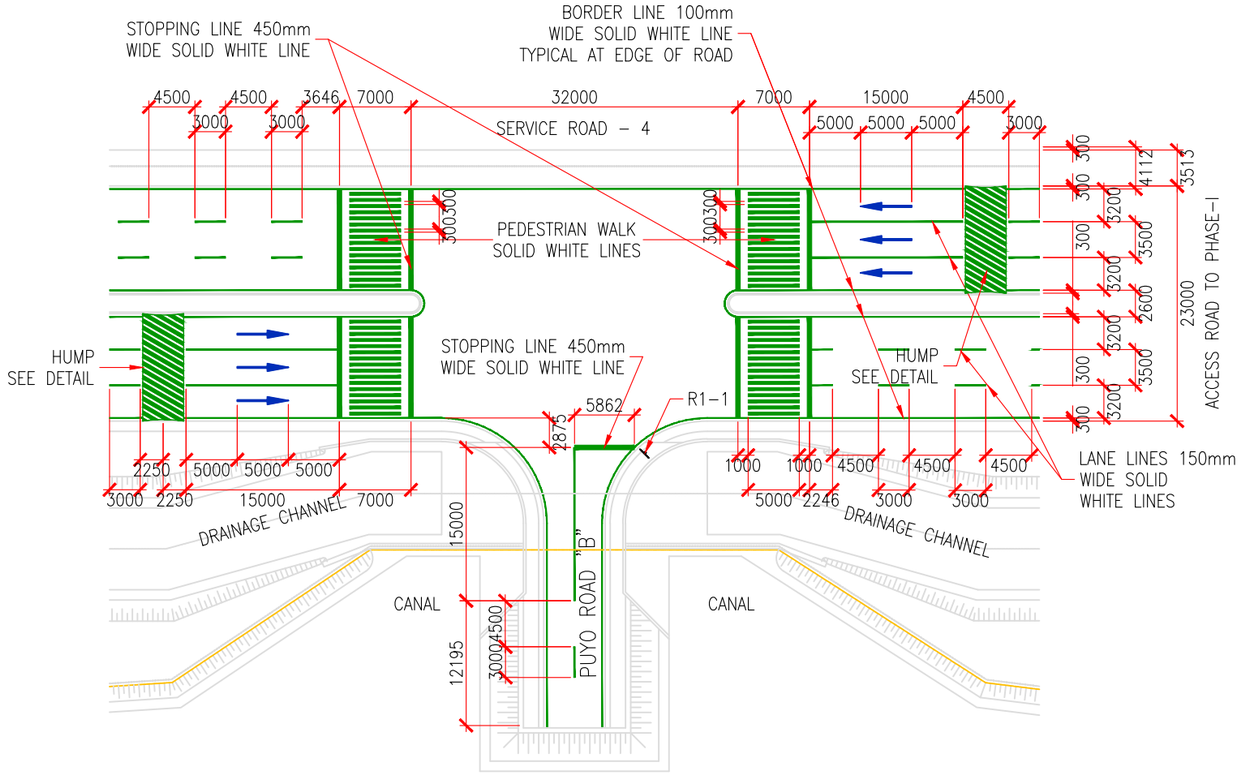
ROADWAY MARKINGS/SIGN LAYOUT

SCALE: 1:2000



DETAIL D

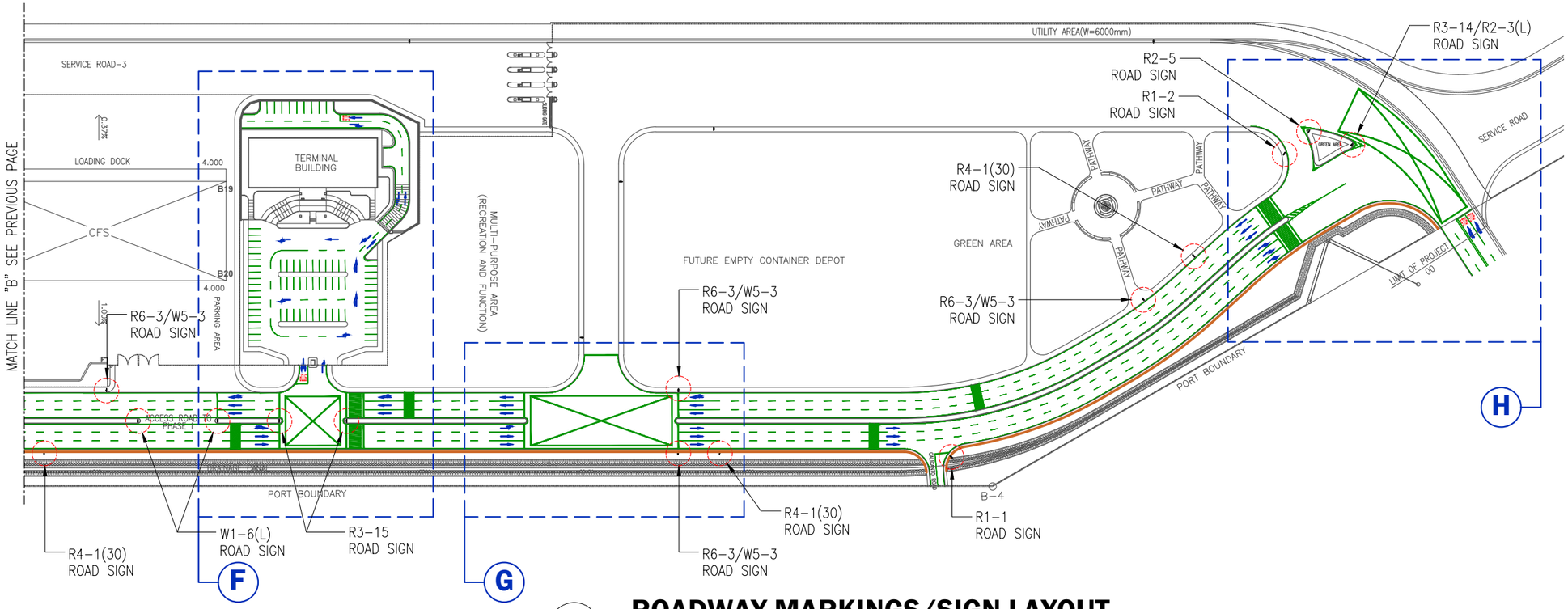
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DETAIL C

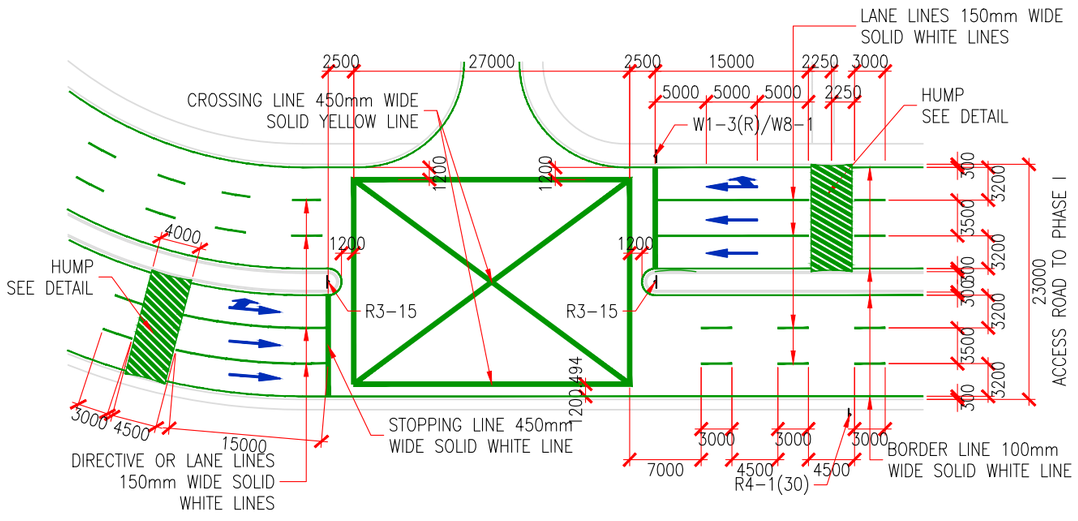
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PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 03 12 DATE: Jul - 2017



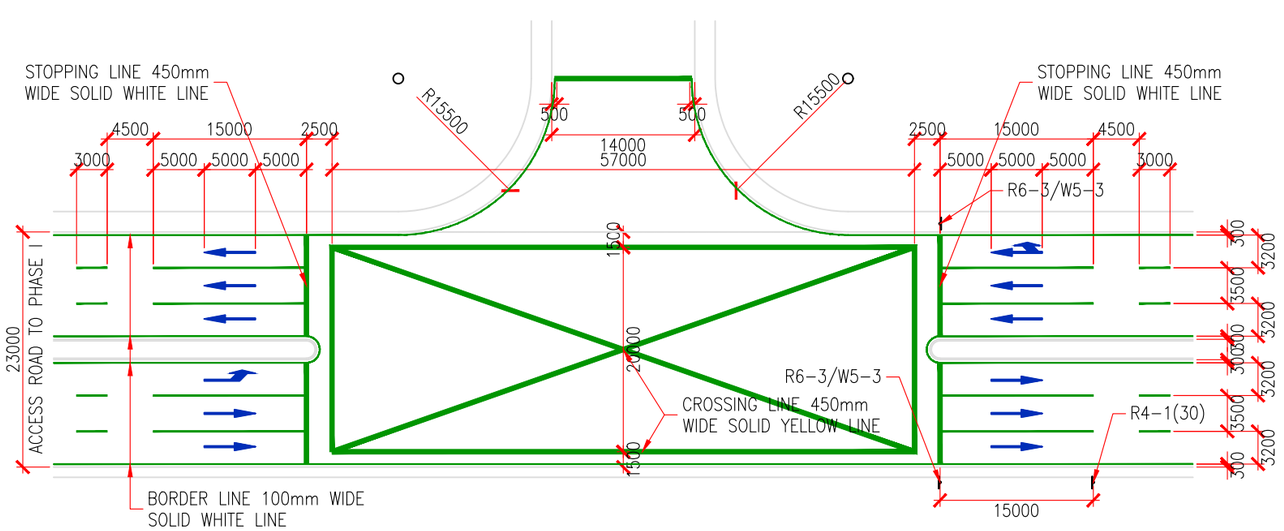
ROADWAY MARKINGS/SIGN LAYOUT

SCALE: 1:2000



DETAIL E

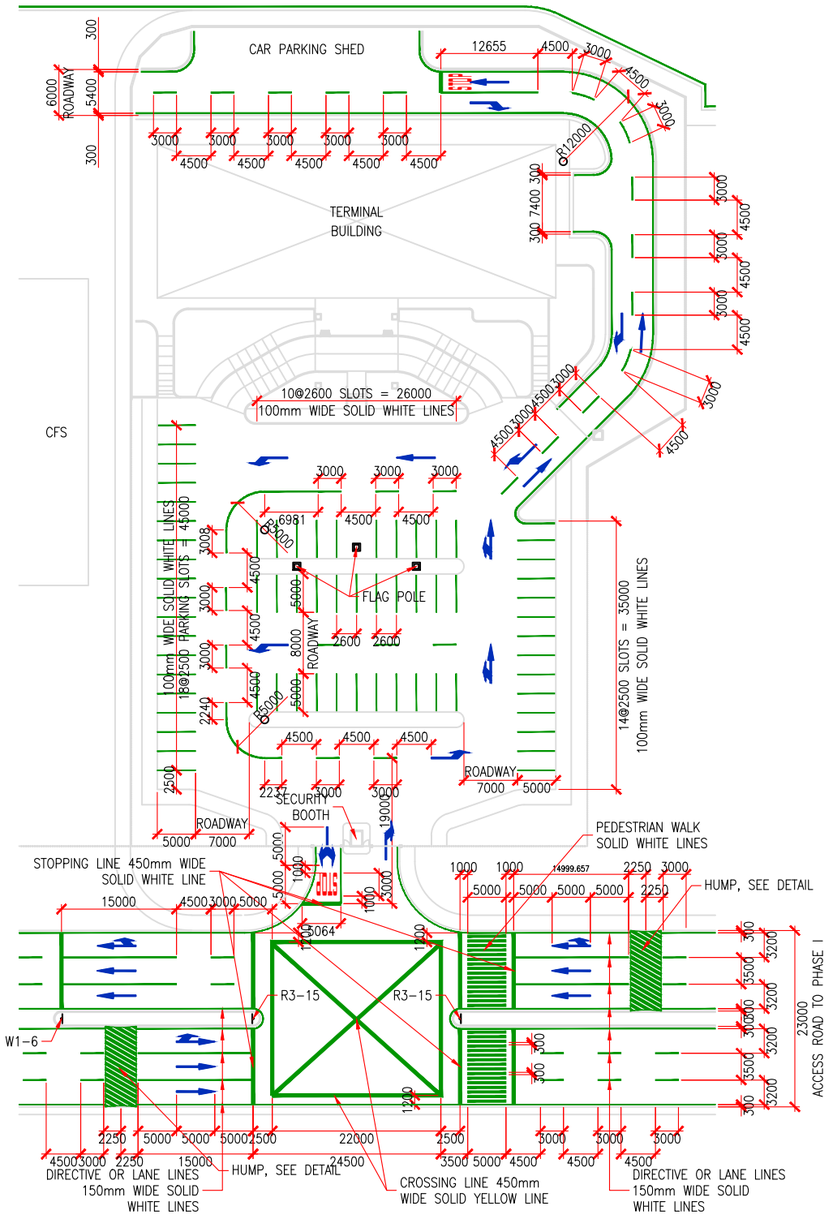
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DETAIL G

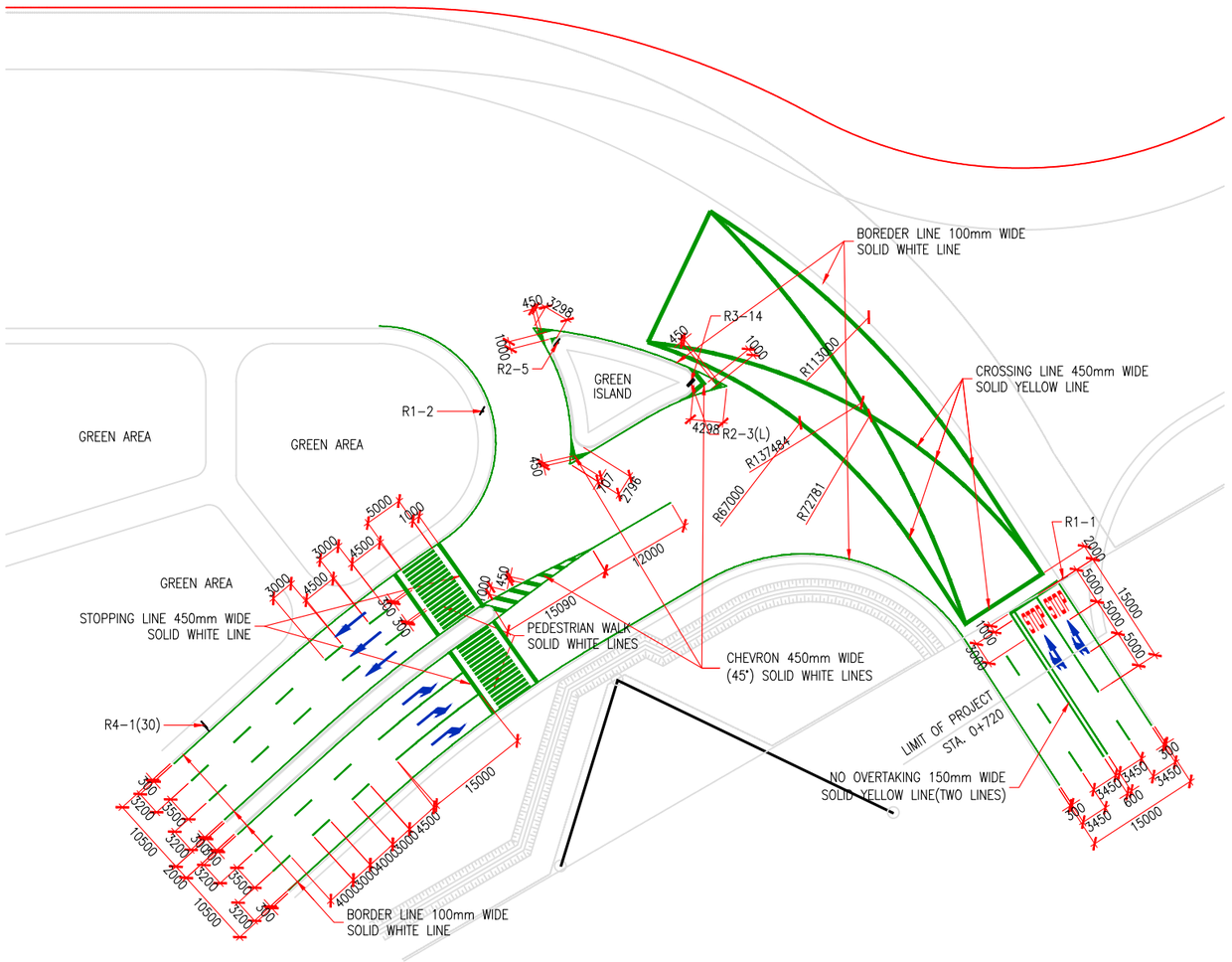
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PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 04 12 DATE: Jul - 2017



DETAIL F

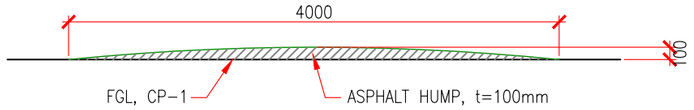
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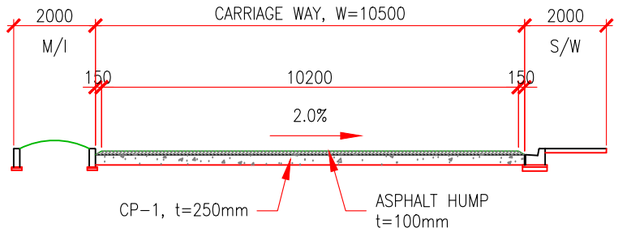
DETAIL H

SCALE: 1:800

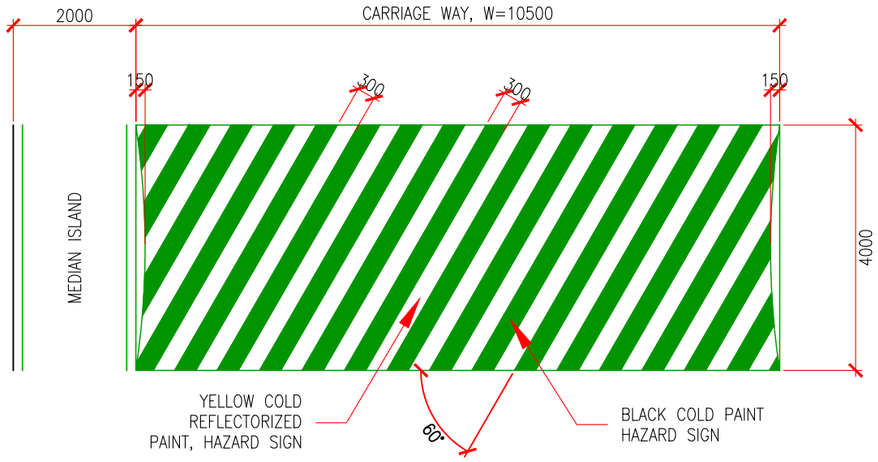
PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 05 12 DATE: Jul - 2017



TRANSVERSE SECTION

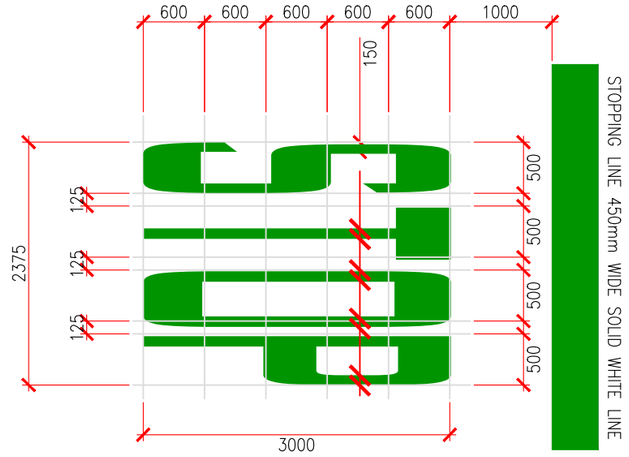


LONGITUDINAL SECTION



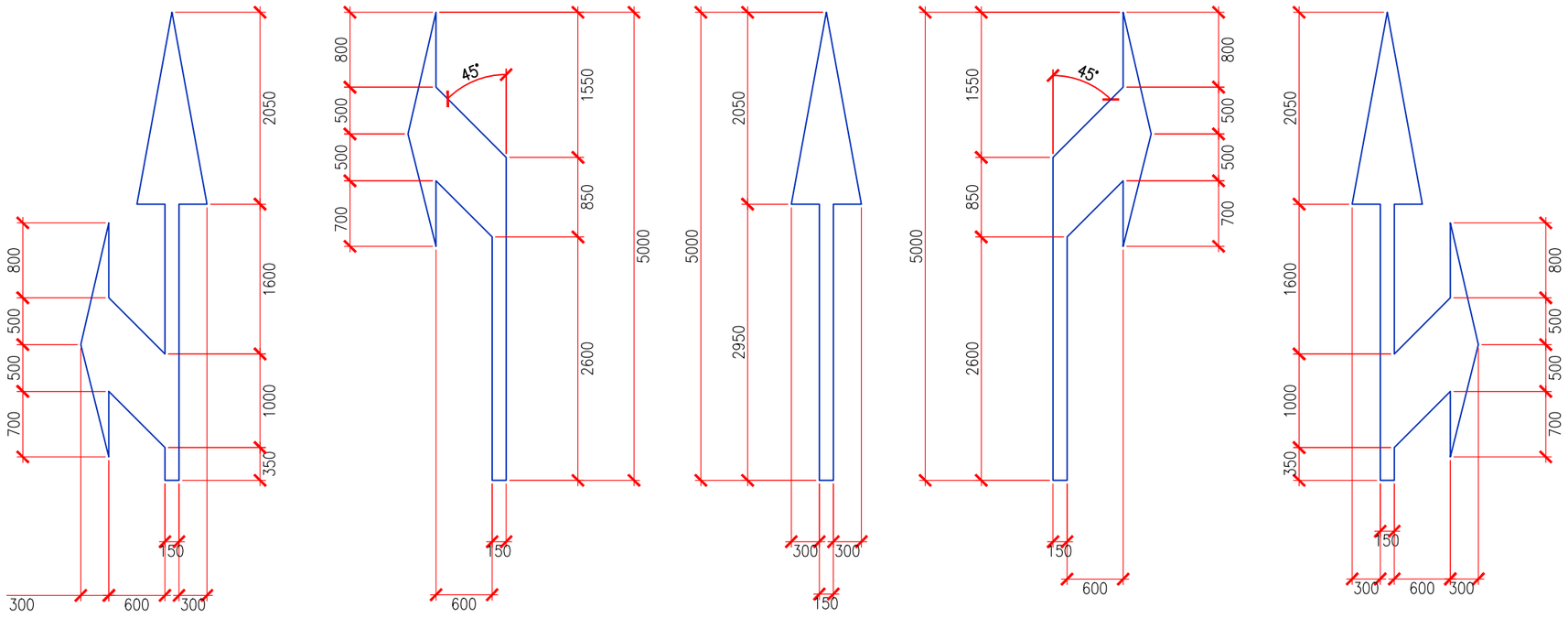
- TYPICAL HUMP DETAIL

SCALE: 1:100



- TYPICAL STOP MARKING DETAIL

SCALE: 1:60



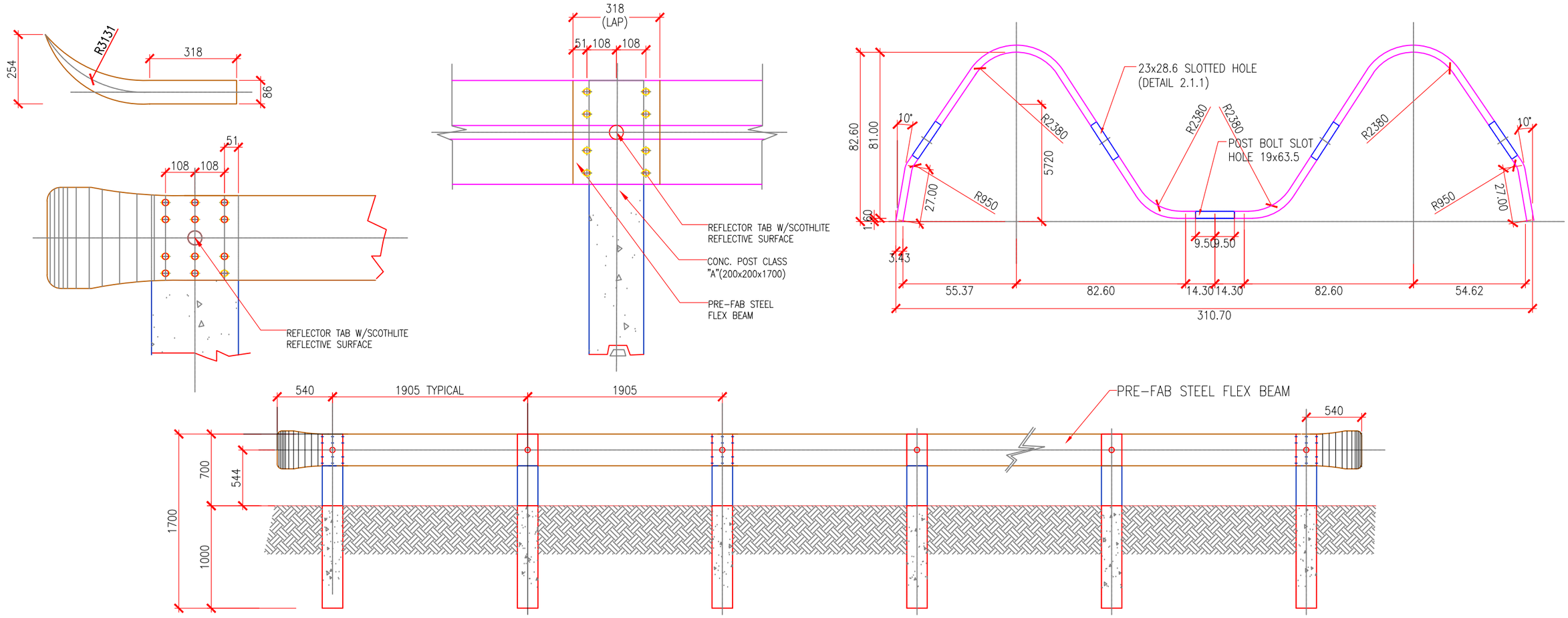
- TYPICAL ARROW SIGN DETAIL

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NOTE:

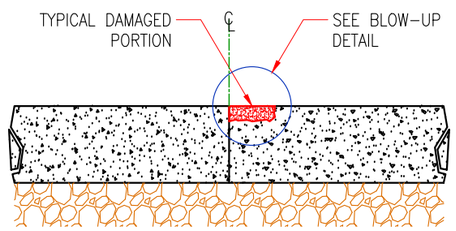
ARROW SIGNS ARE PAINTED WHITE REFLECTORIZED TRAFFIC PAINT.

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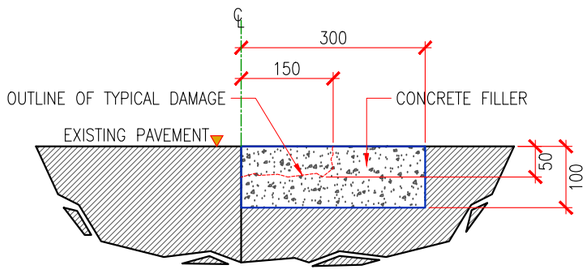
- TYPICAL DETAIL OF STEEL RAILING

SCALE: 1:100



- DAMAGED PAVEMENT DETAIL

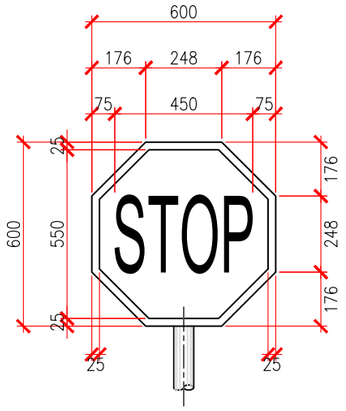
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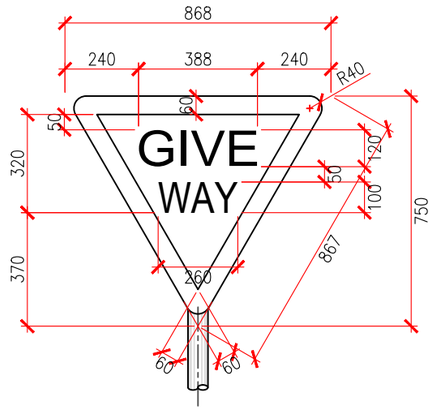
- BLOW-UP DETAIL

SCALE: 1:10

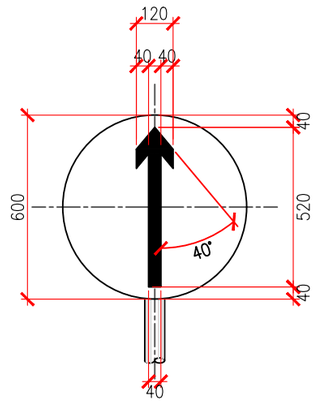
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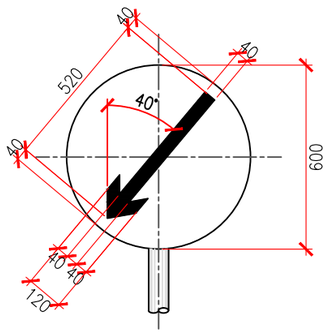
R1-1



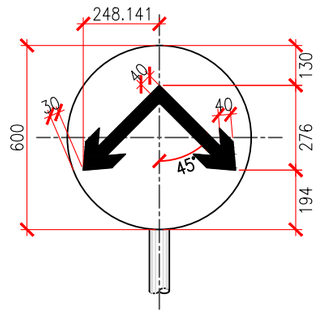
R1-2



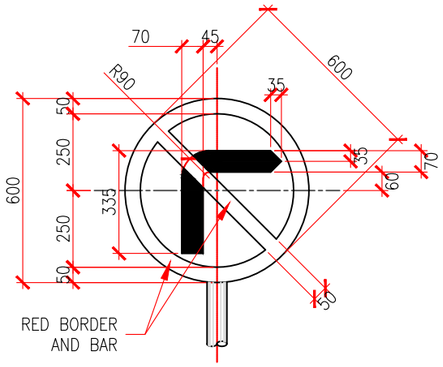
R2-1



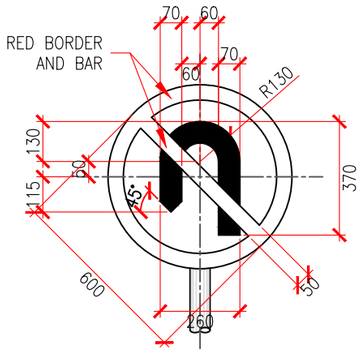
R2-3(L)



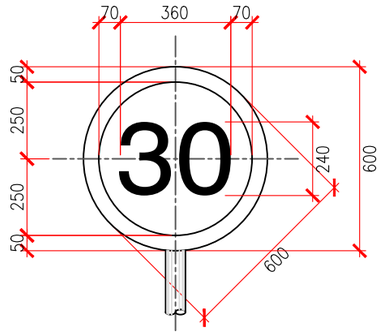
R2-5



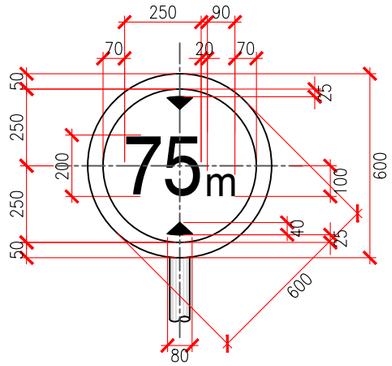
R3-14



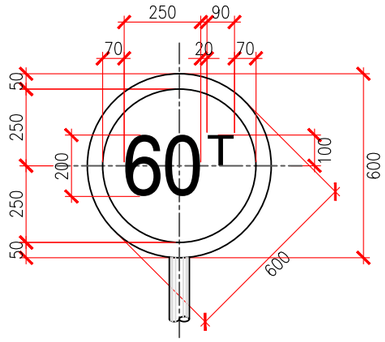
R3-15



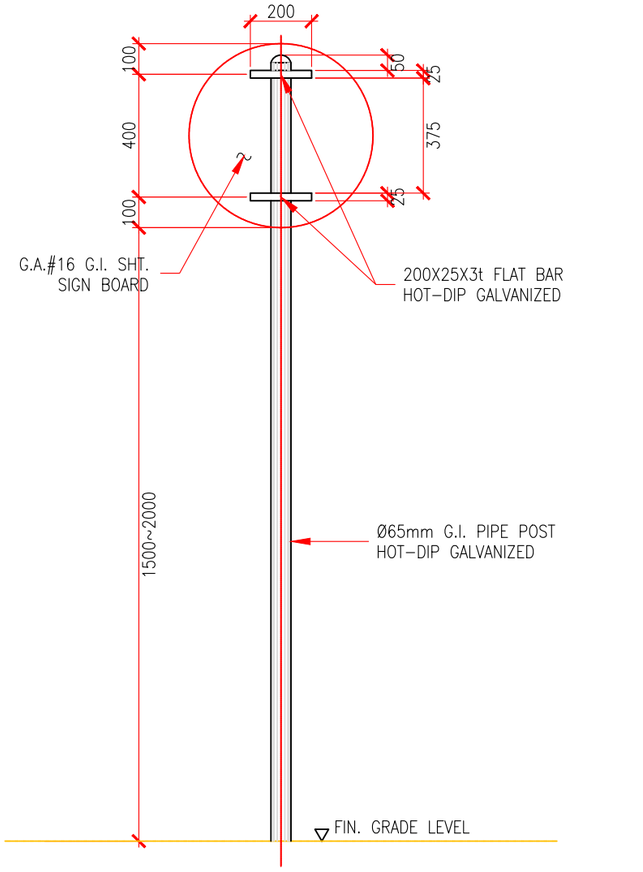
R4-1(20/30)

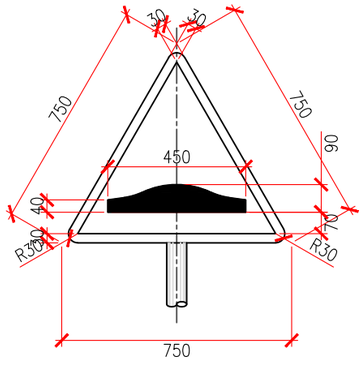


R6-3

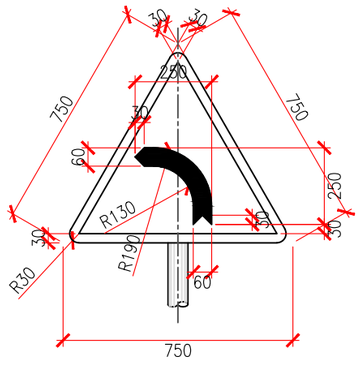


R6-4

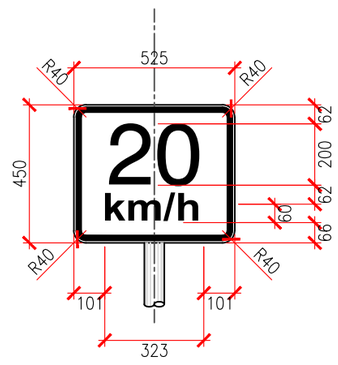




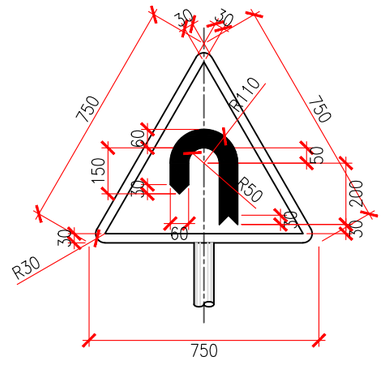
W5-3



W1-3(L)



W8-1



W1-6(L)

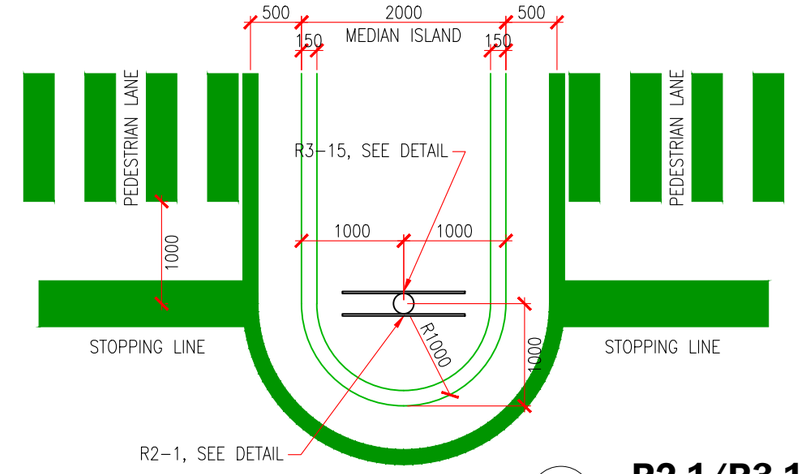
ROAD SIGN DETAIL

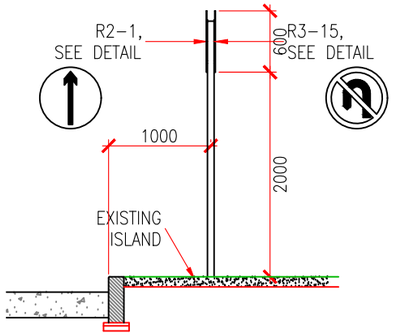
SCALE: 1:20

TYPICAL ELEVATION OF SIGN POST

SCALE: 1:10

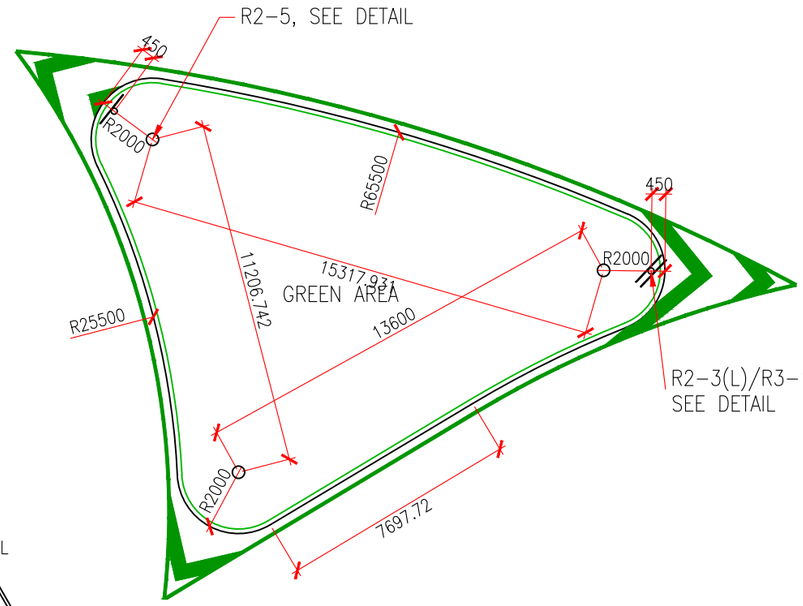
PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 08 12 DATE: Jul - 2017





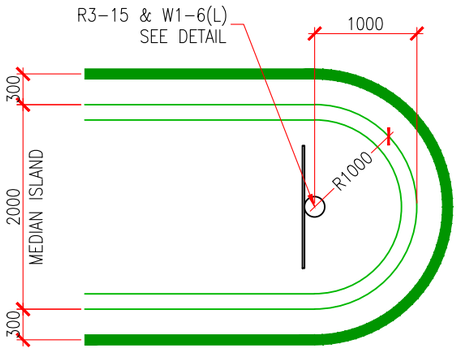
R2-1/R3-15 DETAIL

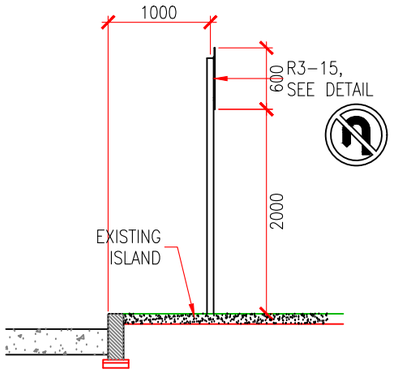
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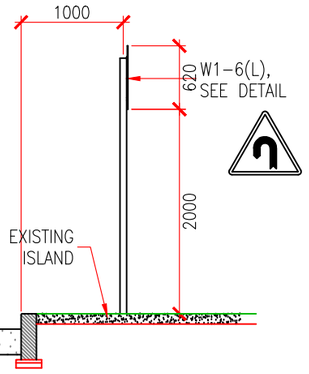


ROAD SIGN LOCATION AT ROTONDA

SCALE: 1:200

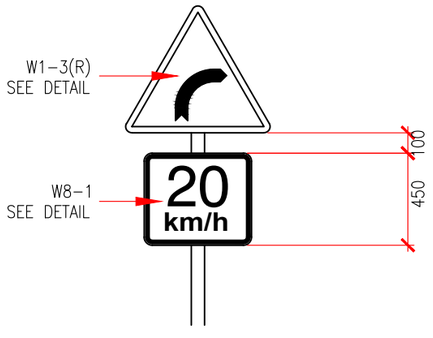


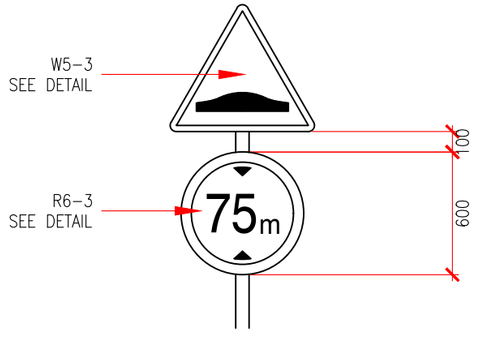




R3-15 DETAIL AND W1-6(L)

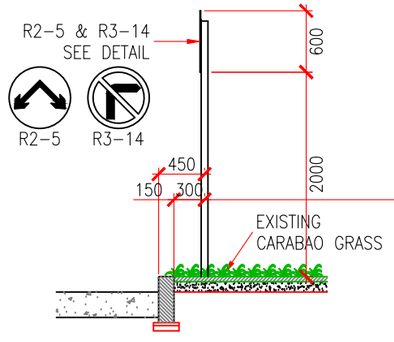
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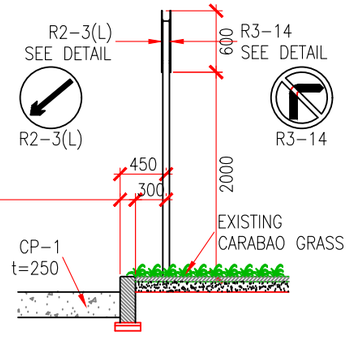




TYPICAL DETAIL

SCALE: 1:60

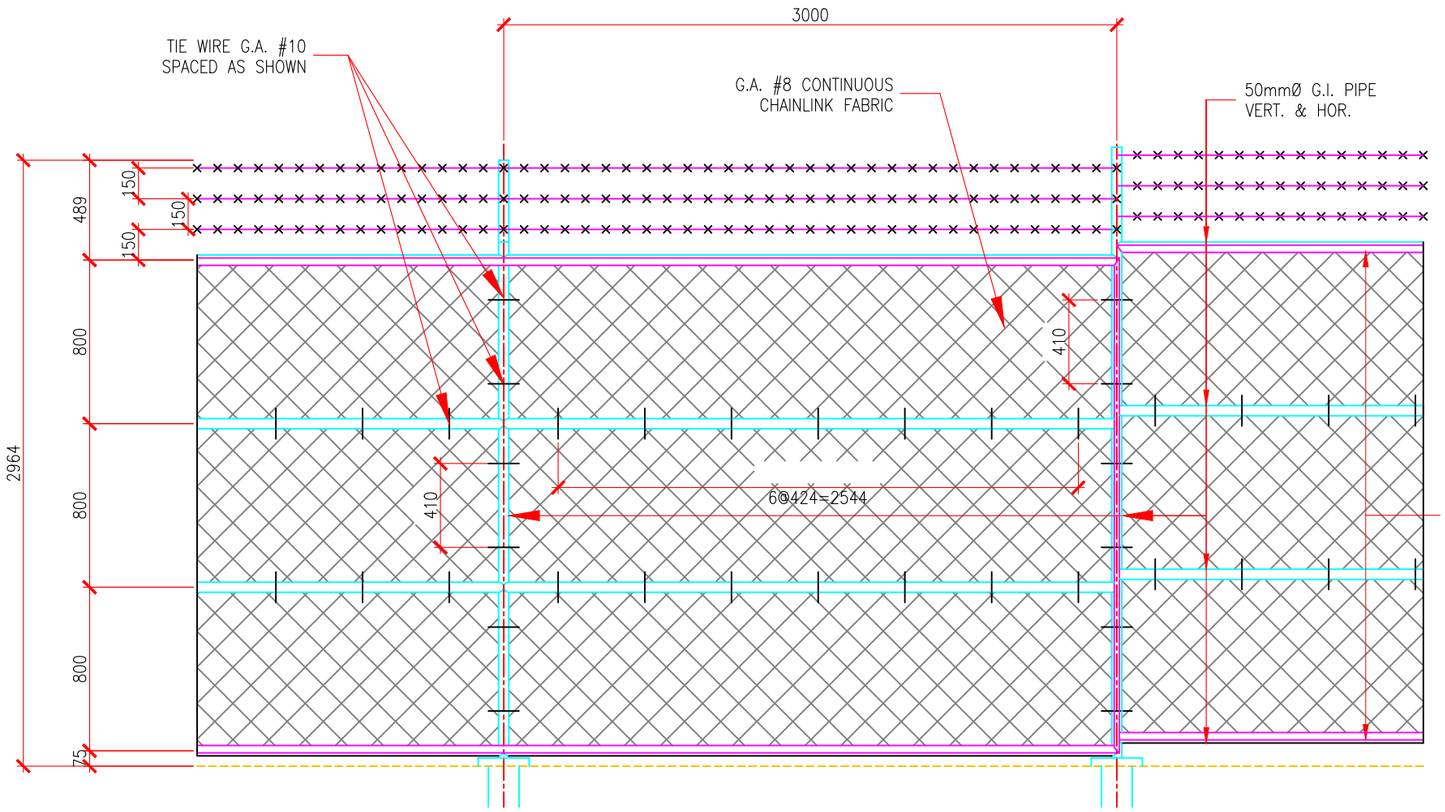




ROAD SIGN DETAIL AT ROTONDA

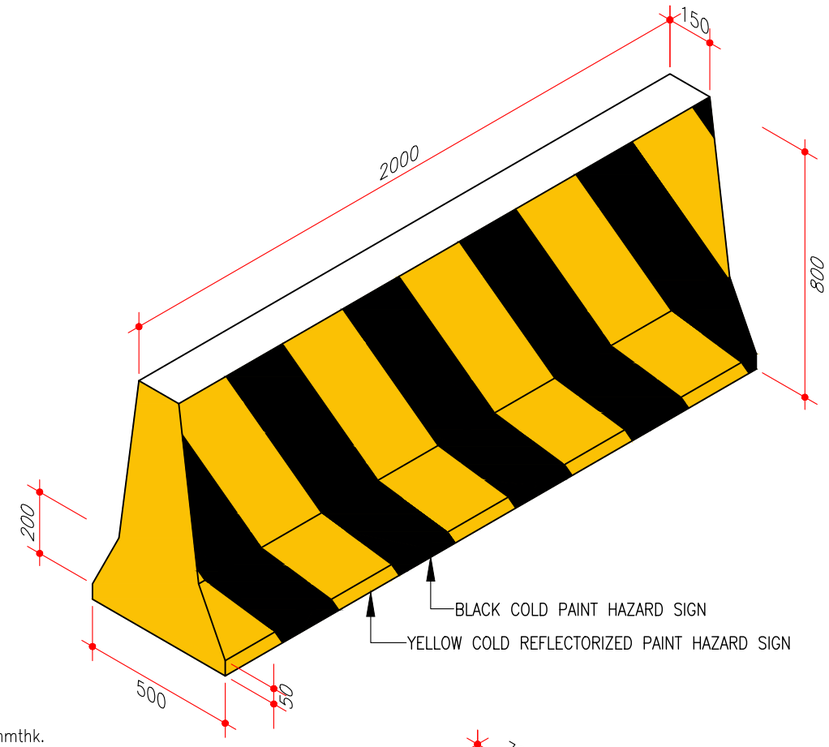
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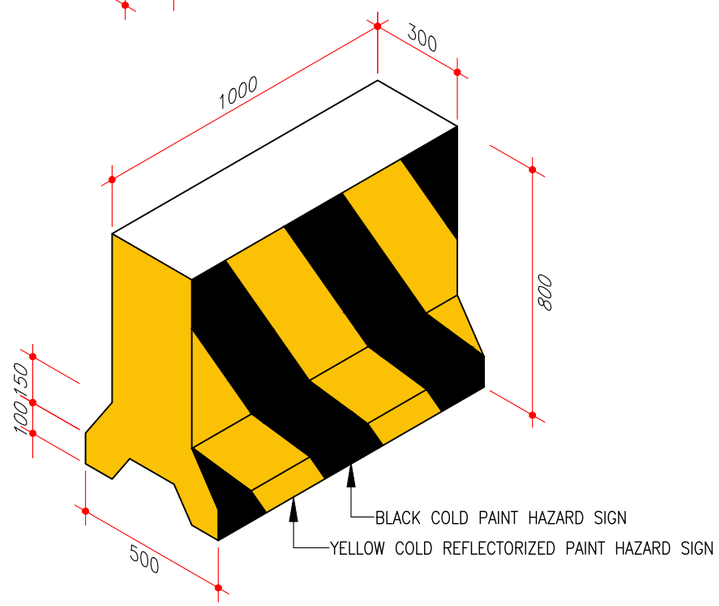
PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 09 12 DATE: Jul - 2017



- TYPICAL DETAIL OF CYCLONE WIRE FENCE

SCALE: 1:30





ISOMETRIC DETAIL OF CONCRETE BLOCK

PHILIPPINE PORTS AUTHORITY
PMO-BATANGAS BATANGAS CITY

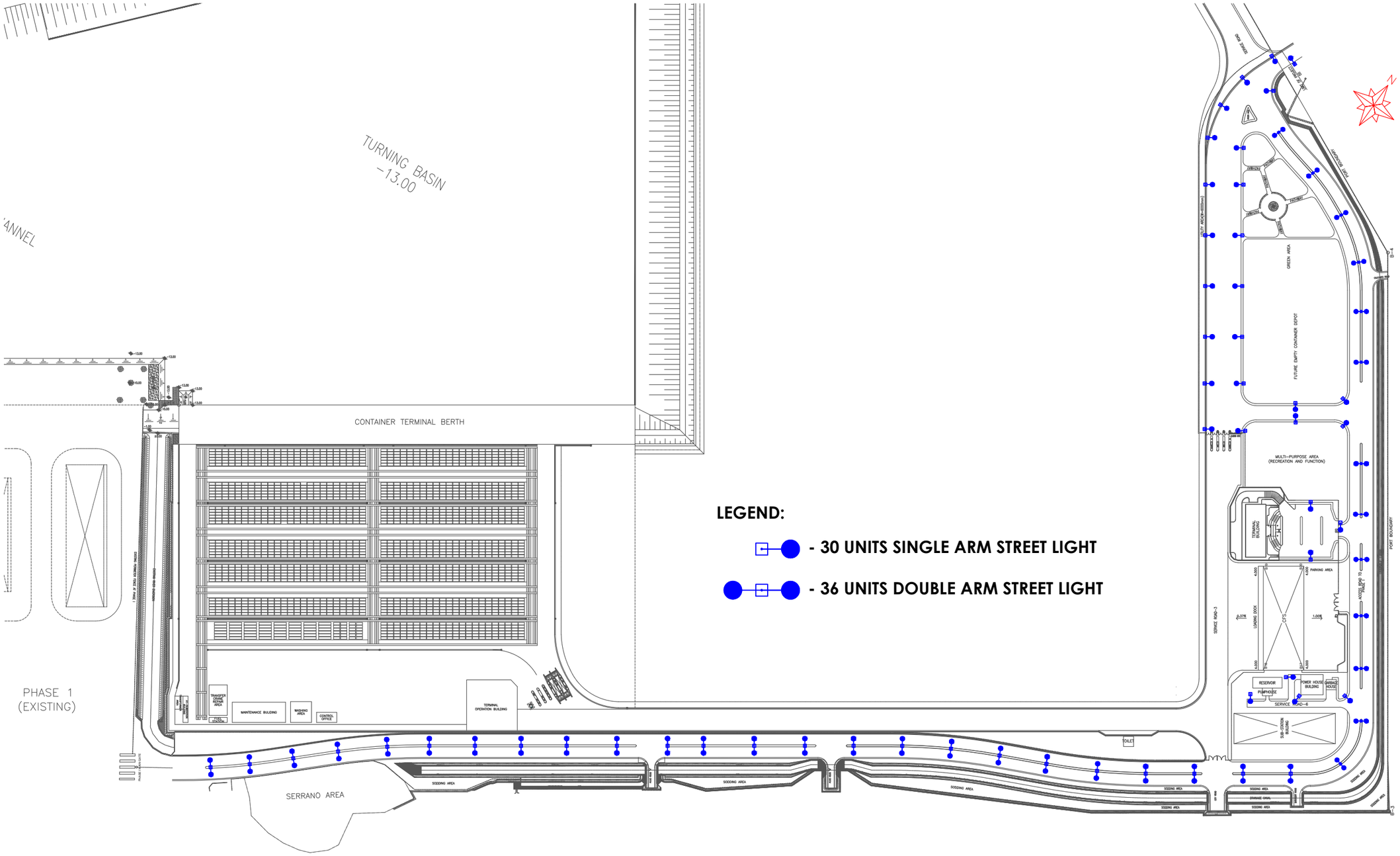
PROJECT TITLE :
REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE
LOCATION : PORT OF BATANGAS

CAD BY :	PREPARED BY :	REVIEWED BY :	APPROVED :
(SIGNED)	(SIGNED)	(SIGNED)	(SIGNED)
G. A. ARAGO	**A. A. LACSAMANA**	**C. B. GUCE**	**LEOPOLDO C. BISCOCHO, JR.**
CAD OPERATOR	ACTG. SENIOR ENGINEER	ESD MANAGER	PORT MANAGER

SHEET CONTENTS : AS-SHOWN

SHEET NO : 10 | 12

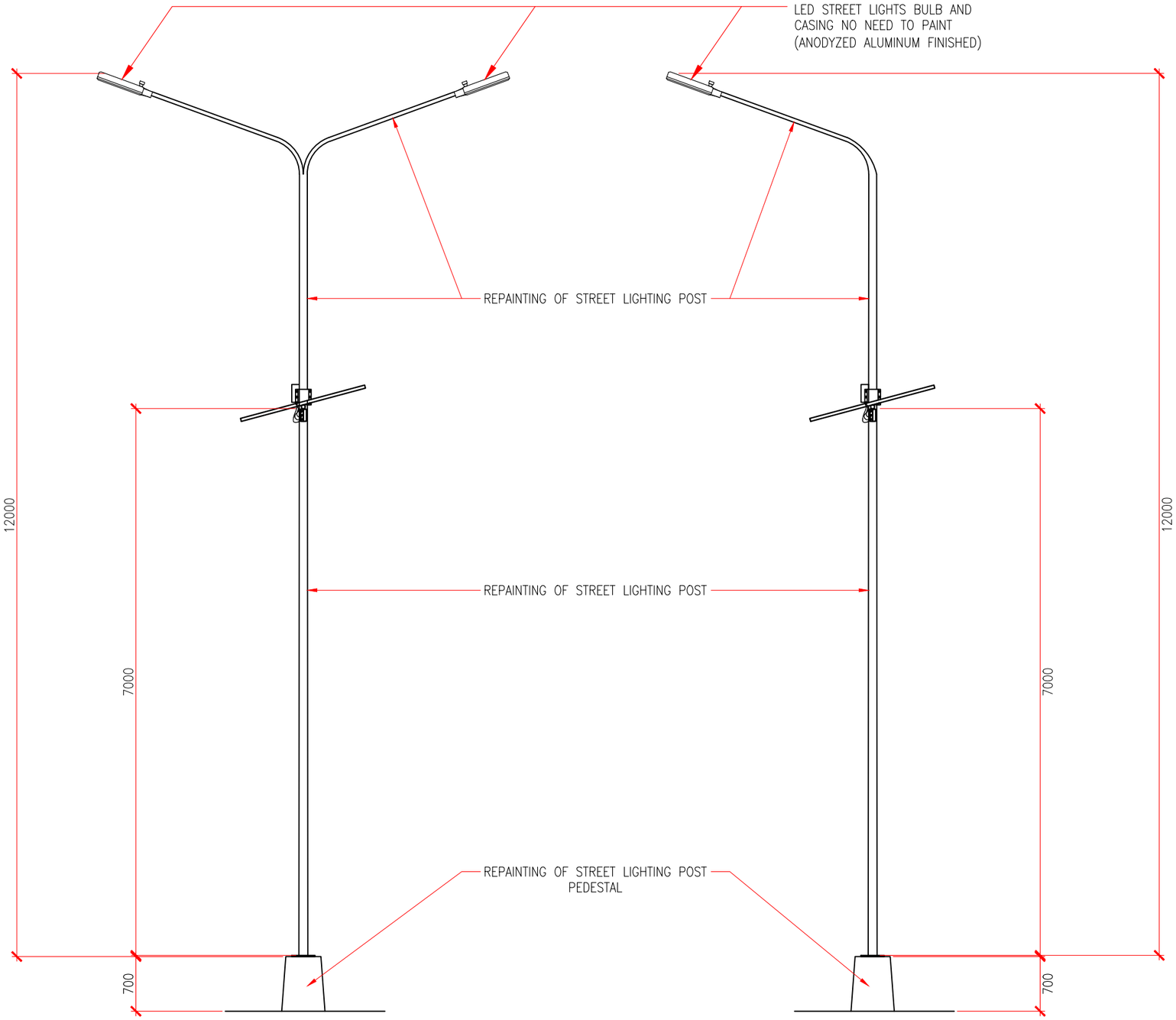
DATE: Jul - 2017



STREET LIGHTING LAYOUT

SCALE: 1:4000

PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 11 12 DATE: Jul - 2017



TYPICAL ELEVATION OF STREETLIGHT

SCALE: 1:60

PHILIPPINE PORTS AUTHORITY PMO-BATANGAS BATANGAS CITY	PROJECT TITLE : **REPAIR/REPAINTING OF ROAD LANE MARKERS, CURB, ROAD SIGN, STREET LIGHTING POST & STEEL RAILING INCLUDING CYCLONE WIRE FENCE** LOCATION : PORT OF BATANGAS	CAD BY : (SIGNED) **G. A. ARAGO** CAD OPERATOR	PREPARED BY : (SIGNED) **A. A. LACSAMANA** ACTG. SENIOR ENGINEER	REVIEWED BY : (SIGNED) **C. B. GUCE** ESD MANAGER	APPROVED : (SIGNED) **LEOPOLDO C. BISCOCHO, JR.** PORT MANAGER	SHEET CONTENTS : AS-SHOWN	SHEET NO : 12 | 12 DATE: Jul - 2017