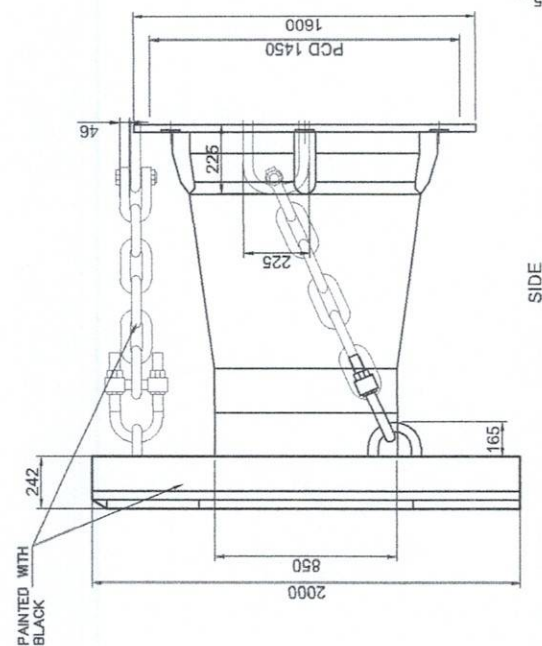
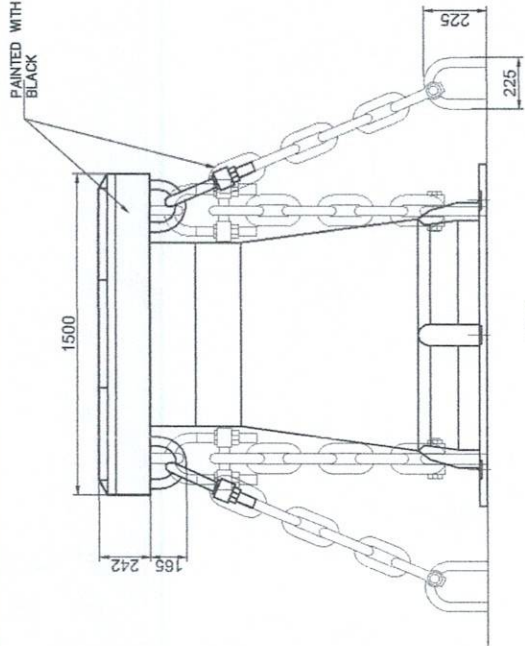
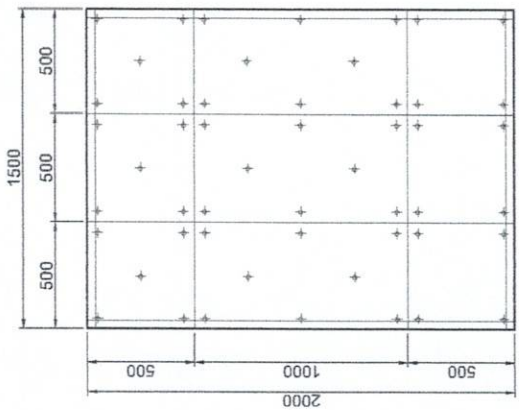
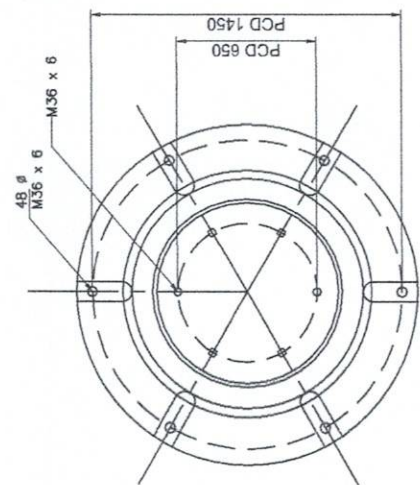


DETAIL CHAIN WITH U-ADJUSTER

NOTE:
1. USE MARINE EPOXY PRIMER
ONE COAT AND USE MARINE
EPOXY ENAMEL PAINT TWO
COATS (BLACK) TO ALL
STEEL STRUCTURES
INCLUDING SURFACE PREPARATION
AND APPLICATION OF RUST
CONVERTER PRIOR TO
REPAINTING/PAINTING.

SIDE



FRONT

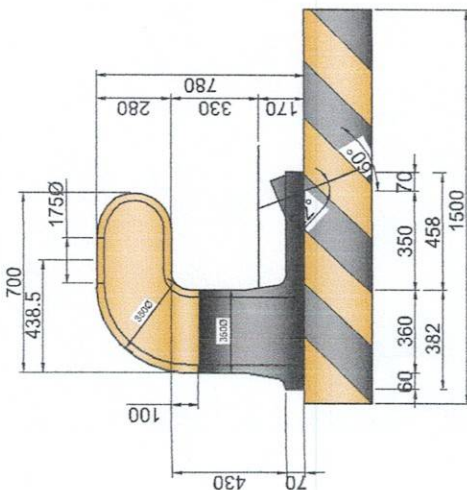
TOP

REPAINTING OF HYPER OMEGA CHAIN DETAIL (23 UNITS)
SCALE 1:25

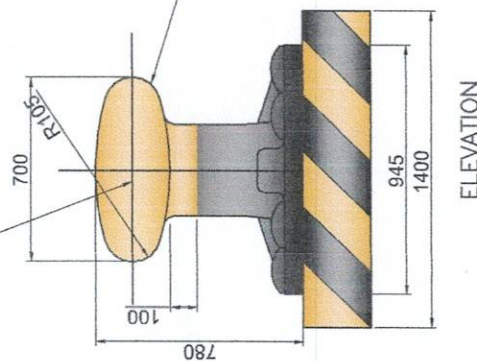
	PROJECT TITLE	REPAINTING OF FENDER GI CHAINS AND ACCESSORIES, MOORING BOLLARDS INCLUDING BASE PAD, CALIBRATION MARKS AND RC CURBS
	LOCATION	PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY
PREPARED BY	CHECKED BY	REVIEWED BY
Digitaly signed by Joe Carlo I. Soriano Date: 2025.02.05 11:03:11 +0800	Norjan K. Laba 2025.02.05 15:43:23 +0800 NORJAN K. LABA SUPERVISOR ENGINEER A	Digitaly signed by Maria Vivien M. Tanco Date: 2025.02.05 17:44:36 +0800 MARIA VIVIEN M. Tanco PRINCIPAL ENGINEER A
RECOMMENDING APPROVAL	Digitaly signed by Lee Jameson Date: 2025.02.06 10:18:07 +0800 JAMESON LEE ESD MANAGER	APPROVED BY
1. REPAINTING OF HYPER OMEGA CHAIN DETAIL	ATTY. CESAR DATAYA	SHEET CONTENT
		DATE: 2/6

1. USE MARINE EPOXY PRIMER (GRAY) AND MARINE EPOXY ENAMEL TWO COATS TO ALL STEEL MOORING BOLLARD INCLUDING SURFACE PREPARATION AND APPLICATION OF RUST CONVERTER PRIOR TO REPAINTING/PAINTING.

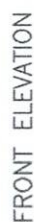
SEE CONCRETE
ENCASEMENT DETAIL



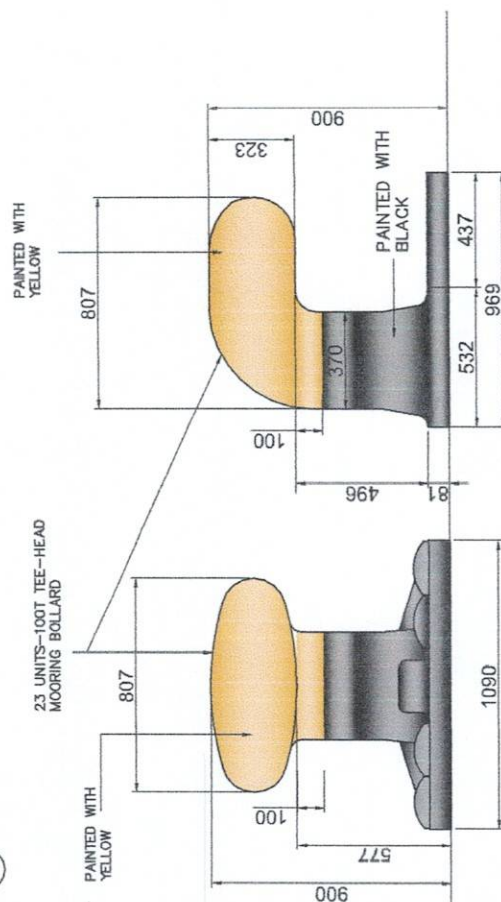
50 TON MOORING TEE HEAD
SCALE 1:20



ELEVATION



50T MOORING TEE HEAD DETAIL



100T MOORING BOLLARD DETAIL

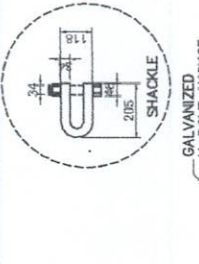
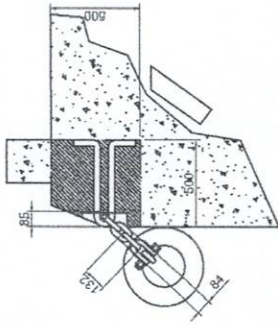
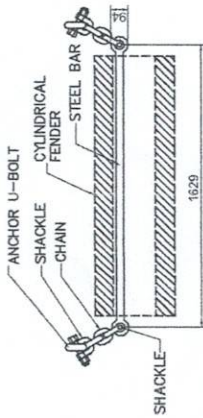
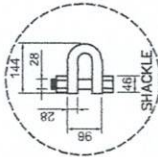
REPAINTING OF MOORING BOLLARD FROM CAL 000-851

[illegible]

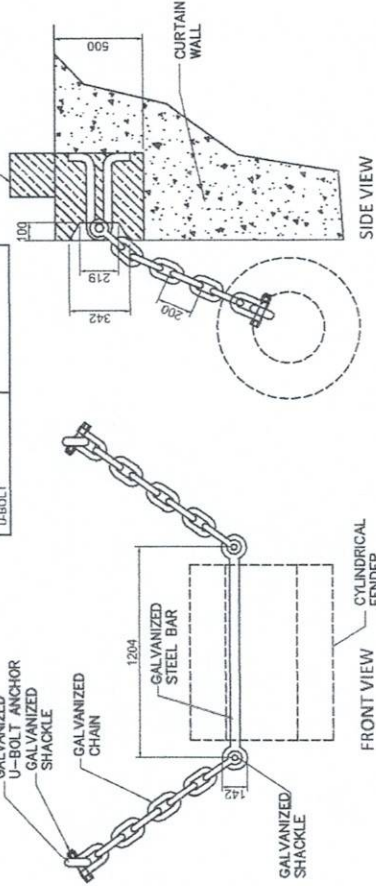
NOTE:

1. REPAINTING OF RDF ACCESSORIES, INCLUDING CLEANING OF SURFACES BY CHIPPING OF RUST PRIOR TO REPAINTING.
2. PAINTED WITH 1 COAT RUST REMOVER, 10 COAT MARINE EPOXY PRIMER AND 2 COATS MARINE EPOXY ENAMEL

TECHNICAL DATA	
SIZE	1500 X 2400 X 1500MM
DIAMETER OF CHAIN	28 mm
DIAMETER OF STEEL BAR	42 mm
DIAMETER OF ANCHOR U-BOLT	38 mm



TECHNICAL DATA	
SIZE	8000 X 4000 X 1000MM
DIAMETER OF GALVANIZED CHAIN	34 mm
DIAMETER OF GALVANIZED STEEL BAR	55 mm
DIAMETER OF GALVANIZED ANCHOR U-BOLT	46 mm



SIDE VIEW

FRONT VIEW

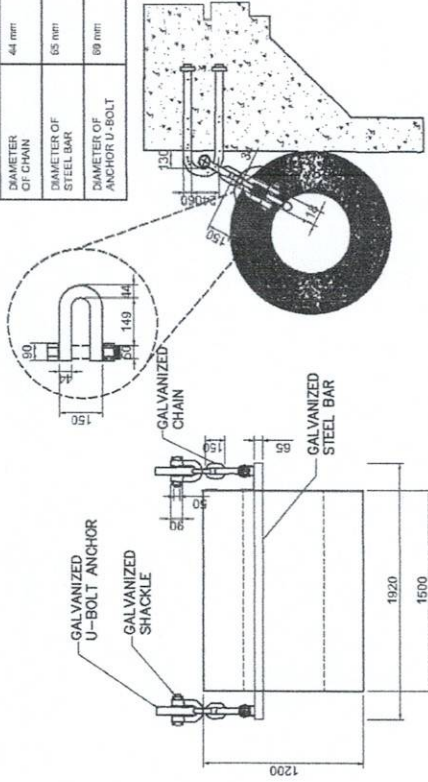
800 DIA. X 400 DIA. X 1000mm CYLINDRICAL RDF DETAIL (137 UNITS, BET. 000-030 & 250-650 ACCESSORIES TO BE REPAINTED)

SCALE 1:30

4500X2400X1500MM CYLINDRICAL RDF DETAIL (36 UNITS, BET. 500-600 ACCESSORIES TO BE PAINTED)

SCALE 1:30

TECHNICAL DATA	
SIZE	12000 X 6000 X 1500MM
DIAMETER OF CHAIN	44 mm
DIAMETER OF STEEL BAR	65 mm
DIAMETER OF ANCHOR U-BOLT	69 mm



1200 DIA. X 600 DIA. X 1500mm CYLINDRICAL RDF DETAIL (23 UNITS TO BE REPAINTED)

SCALE 1:40

	PROJECT TITLE	REPAINTING OF FENDER CHAINS AND ACCESSORIES, MOORING BOLLARDS INCLUDING BASE PAD, CALIBRATION MARKS AND RC CURBS
	LOCATION	PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY

PREPARED BY	JOE CARLOS I. SORIANO ENGINEERING ASSISTANT A
CHECKED BY	NORJAN K. LABA SUPERVISOR ENGINEER A

DESIGNED BY	NORJAN K. LABA 2025.02.05 1544-45 148'00"
REVIEWED BY	MARIA VIVIAN M. TANCO 17-05-09-488107 PRINCIPAL ENGINEER A

RECOMMENDED APPROVAL	Digitally signed by Joe Carlos I. Soriano DN: cn=Joe Carlos I. Soriano, o=PPA, ou=Engineering, email=jcsoriano@ppa.gov.ph, c=PH Date: 2025.02.05 17:05:09 +0800 JOE CARLOS I. SORIANO ENGINEERING ASSISTANT A
APPROVED BY	Digitally signed by Atty. Deshaun Dataya DN: cn=Atty. Deshaun Dataya, o=PPA, ou=Legal, email=attysoriano@ppa.gov.ph, c=PH Date: 2025.02.05 17:05:09 +0800 ATTY. DESHAUN DATAYA LEGAL COUNSEL

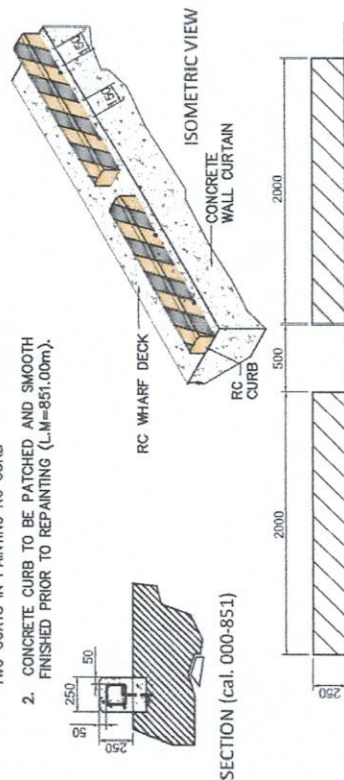
SHEET CONTENT	1. FENDER CHAIN AND ACCESSORIES DETAIL (REPAINTING)
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DATE:	5/6
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1. USE REFLECTORIZED TRAFFIC PAINT TWO COATS IN PAINTING INCLUDING SURFACE PREPARATION PRIOR TO REPAINTING/PAINTING.



1. USE PRIMER (WHITE) AND USE REFLECTORIZED TRAFFIC PAINT TWO COATS IN PAINTING RC CURB
2. CONCRETE CURB TO BE PATCHED AND SMOOTH FINISHED PRIOR TO REPAINTING (L.M=851.00m).



PART PLAN

CONCRETE CURB DETAIL FROM CAL. 030-252

 PHILIPPINE COAST GUARD AUTHORITY	PROJECT TITLE	PREPARED BY:	CHECKED BY:	REVIEWED BY:	RECOMMENDED APPROVAL:	INJECT COMMENT:	DATE:
	REPAINTING OF FENDER CHAINS AND ACCESSORIES, MOORING BOLLARDS INCLUDING BASE PAID, CALIBRATION MARKS AND RC CURBS LOCATION: PORT OF GENERAL SANTOS, MAKAR VHAIR, GENERAL SANTOS CITY	Digitally signed by JESSA ACARDO Date: 2025.02.25 11:51:03 +08'00' JOECARLO I. SORIANO ENGINEERING ASSISTANT A	Digitally signed by NORJAN K. LABA Date: 2025.02.15 15:45:16 +08'00' NORJAN K. LABA SUPERVISOR ENGINEER A	Digitally signed by MARIA VIVIAN WELAN Date: 2025.02.25 17:59:34 +08'00' MARIA VIVIAN M. TANCO PROJECTAL ENGINEER A	Digitally signed by Lee Jameson Date: 2025.02.25 17:59:34 +08'00' JAMESON L. TANCO SSD MANAGER	1. CALIBRATION MARKS AND CONCRETE CURB DETAIL (REPAINTING)	