SECTION VII

PROJECT DRAWINGS

(SUPPLIED IN SEPARATE ENVELOPE)

BACK UP AREA
BACK UP AREA
DEVELOPMENT PLAN-CY 2011
SCALE 1 : 1500 M
1 8
CY 2011
NORTH
PHILIPPINE PORTS AUTHORITY
PROJECT TITLE AND LOCATION
PORT DEVELOPMENT PLAN OF PUERTO PRINCESA PORT, PALAWAN INDICATING PREVIOUSLY APPROVED/FUNDED PROJECTS SINCE CY 2011
PREPARED & DRAWN BY:
RELLY N. MADARCOS
SENIOR ENGINEER A
RECOMMENDING APPROVAL:
MARLON N. SENDAYDIEGO
ESD MANAGER
APPROVED:
EUGALDE M. ULSON
ACTING PORT MANAGER
SHEET CONTENTS
SITE DEVELOPMENT PLAN-CY 2011
FILE NAME: DEVPLAN BASEPORT
SHEET NO.
1 8
DATE: JUNE 2019

BACK UP AREA
BACK UP AREA
DEVELOPMENT PLAN-CY 2012
28
SCALE 1 : 1500 M
NORTH
CY 2012
PHILIPPINE PORTS AUTHORITY
PROJECT TITLE AND LOCATION
PORT DEVELOPMENT PLAN OF PUERTO PRINCESA PORT, PALAWAN INDICATING PREVIOUSLY APPROVED/FUNDED PROJECTS SINCE CY 2011
PREPARED & DRAWN BY
RELLY N. MADARCOS
SENIOR ENGINEER A
RECOMMENDING APPROVAL
MARLON N. SENDAYDIEGO
ESD MANAGER
APPROVED
ELIZALDE M. ULSON
ACTING PORT MANAGER
SHEET CONTENTS
SITE DEVELOPMENT PLAN-CY 2012
SHEET NO.
28
FILE NAME: DEVPLAN BASEPORT
DATE: JUNE 2019

DEVELOPMENT PLAN-CY 2013

3 | 8

SCALE 1 : 1500 M

CY 2013
REPAIR OF DAMAGED RC CURB AND PERIMETER FENCE(BARBED WIRE)
REPAIR OF EXISTING R.C DRAIN, SCORING & FENDERING SYSTEM ALONG BERTH NO. 1 & DAMAGED CONCRETE PAVEMENT
REPAIR OF CONTAINER YARD
REPAIR OF WAREHOUSE BUILDING NO. 2
REPAIR OF WAREHOUSE BUILDING NO. 1

NORTH

PHILIPPINE PORTS AUTHORITY

PORT MANAGEMENT OFFICE - PALAWAN

PROJECT TITLE AND LOCATION	PREPARED & DRAWN BY	RECOMMENDING APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
PORT DEVELOPMENT PLAN OF PUERTO PRINCESA PORT, PALAWAN INDICATING PREVIOUSLY APPROVEDIFUNDED PROJECTS SINCE CY 2011	RELLY W. MADARCOS SENIOR ENGINEER A	MARLON N. SENDAYDIEGO ESD MANAGER	ELIZALDE M. ULSON ACTING PORT MANAGER	SITE DEVELOPMENT PLAN–CY 2013 FILE NAME: DEVPLAN BASEPORT	3 | 8 DATE: JUNE 2019

DEVELOPMENT PLAN-CY 2014

4 | 8

SCALE 1 : 1500 M

NORTH

CY 2014

●	VARIOUS MAINTENANCE OF PORT PHYSICAL FACILITIES 2014 1 MAINTENANCE OF CYCLONE WIRE STEEL MATTING FENCE 2 REPLACEMENT OF LIGHTING FIXTURES OF PICO BUILDING WITH LED LAMP 3 REPLACEMENT OF LIGHTING FIXTURES OF PORT POLICE OFFICE & LIVING QUARTERS WITH LED LAMP 4 REPLACEMENT OF DAMAGED GLOBE ACRYLIC DIFFUSER & BULB 5 REPLACEMENT OF LIGHTING FIXTURES OF PM'S LIVING QUARTER'S WITH LED LAMP 6 REPLACEMENT OF LIGHTING FIXTURES, SWITCHES AND CONVENIENCE OUTLETS OF PNO GUEST HOUSE 7 REPLACEMENT OF DAMAGED PLASTIC DIFFUSER AND LAMPS OF PARK LIGHTS 8 REPAIR OF RC PEDESTAL FOR FLOOD LIGHT (INCLUDING REINSTALLATION OF LAMP POST) 9 RELOCATION OF STREET LIGHT (INCLUDING RE-INSTALLATION OF LAMP POST) 10 MAINTENANCE OF PLANT BOXES BESIDE WAREHOUSE BUILDING 11 REPLACEMENT OF LIGHTING FIXTURES OF COVERED WALK	■	MAINTENANCE OF LIGHTING FIXTURES AT ADMINISTRATIVE AND F.A.D.S BUILDING, PORT OF PUERTO PRINCESA
		▲	MAINTENANCE OF BASEPORT TERMINAL OFFICE, PORT OF PUERTO PRINCESA
		●	MAINTENANCE OF WAREHOUSE 1 & 2, GUARDHOUSE 1 & 2, WELCOME ARCHS 1 & 2 AND PORT LIGHTING SYSTEM

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE AND LOCATION	PREPARED & DRAWN BY	RECOMMENDING APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
	PORT DEVELOPMENT PLAN OF PUERTO PRINCESA PORT, PALAWAN INDICATING PREVIOUSLY APPROVED/FUNDED PROJECTS SINCE CY 2011	RELLY W. MADARCOS SENIOR ENGINEER A	MARLON N. SENDAYDIEGO ESD MANAGER	ELIZALDE M. ULSON ACTING PORT MANAGER	SITE DEVELOPMENT PLAN–CY 2014 FILE NAME: DEVPLAN BASEPORT	4 | 8 DATE: JUNE 2019

	PROJECT TITLE AND LOCATION	PREPARED & DRAWN BY	RECOMMENDING APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
PHILIPPINE PORTS AUTHORITY PORT MANAGEMENT OFFICE - PALAWAN	PORT DEVELOPMENT PLAN OF PUERTO PRINCESA PORT, PALAWAN INDICATING PREVIOUSLY APPROVED/FUNDED PROJECTS SINCE CY 2011	RELLY W. MADARCOS SENIOR ENGINEER A	MARLON N. SENDAYMEGO ESD MANAGER	ELIZALDE M. ULSON ACTING PORT MANAGER	SITE DEVELOPMENT PLAN-CY 2015 FILE NAME: DEVPLAN BASEPORT	5 8 DATE: JUNE 2019

BACK UP AREA
BACK UP AREA
CY 2016
MAINTENANCE OF ADMINISTRATIVE BUILDING
MAINTENANCE OF PASSENGER TERMINAL BUILDING
CONSTRUCTION OF STEEL MATTING FENCE AND GATES
INSTALLATION OF SOLAR POWER PORT LIGHTING SYSTEM
MAINTENANCE OF BASEPORT TERMINAL OFFICE BUILDING INCLUDING PORTION OF PICO BUILDING
MAINTENANCE OF WAREHOUSE (BUILDING NO. 1
REPAIR OF DAMAGED R.C WHARF, CONCRETE PAVEMENT CRACKS, & CONSTRUCTION JOINTS AND REPLACEMENT OF DILAPIDATED RUBBER DOCK FENDERS AT RORO WHARF
REPAIR OF R.C PIER AND DAMAGED CONCRETE PAVEMENT AT CONTAINER YARD / BACK UP, OPERATIONAL AREA & PARKING AREA
DEVELOPMENT PLAN-CY 2016
6 8
SCALE 1 : 1500 M
NORTH
PHILIPPINE PORTS AUTHORITY
PROJECT TITLE AND LOCATION
PORT DEVELOPMENT PLAN OF PUERTO PRINCESA PORT, PALAWAN INDICATING PREVIOUSLY APPROVED/FUNDED PROJECTS SINCE CY 2011
PREPARED & DRAWN BY
RELLYN M. MADARCOS
SENIOR ENGINEER A
RECOMMENDING APPROVAL
MARLON N. SENDAYDIEGO
ESD MANAGER
APPROVED
ELIZALDE M. ULSON
ACTING PORT MANAGER
SHEET CONTENTS
SITE DEVELOPMENT PLAN-CY 2016
SHEET NO.
6 8
FILE NAME: DEVPLAN BASEPORT
DATE: JUNE 2019

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE AND LOCATION

PORT DEVELOPMENT PLAN OF PUERTO PRINCESA PORT, PALAWAN INDICATING PREVIOUSLY APPROVED/FUNDED PROJECTS SINCE CY 2011

PREPARED & DRAWN BY	RECOMMENDING APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
RELLY M. MADARCOS SENIOR ENGINEER A	MARLON N. SENOA DIEGO ESD MANAGER	ELIZALDE M. ULSON ACTING PORT MANAGER	SITE DEVELOPMENT PLAN–CY 2017 FILE NAME: DEVPLAN BASEPORT	7 8 DATE: JUNE 2019

DEVELOPMENT PLAN-CY 2018

8 8

SCALE 1 : 1500 M

NORTH

CY 2018			
	VARIOUS MAINTENANCE OF PORT PHYSICAL FACILITIES 2018 1 MAINTENANCE OF LINE CANALS 2 MAINTENANCE OF MOORING SYSTEM 3 MAINTENANCE OF BASEPORT TERMINAL BUILDING 4 MAINTENANCE OF PICO BUILDING 5 MAINTENANCE PORT POLICE OFFICE 6 MAINTENANCE OF PORT MANAGER LIVING QUARTER 7 MAINTENANCE OF GUEST HOUSE BUILDING 8 MAINTENANCE OF WAREHOUSE BUILDING NO. 2 9 MAINTENANCE OF PPA LOGO 10 MAINTENANCE OF CONCRETE ELECTRICAL POST 11 MAINTENANCE OF PORT LAMP POST 12 MAINTENANCE OF SEPTIC TANK & SEWER LINES		REPAIR OF RORO RAMP AND R.C PLATFORM
	REPAIR OF PASSENGER ASSISTANCE SERVICES SYSTEM (P.A.S.S) BUILDING, PUERTO PRINCESA		PROPOSED MOVABLE COVERED WALK

PHILIPPINE PORTS AUTHORITY

PORT MANAGEMENT OFFICE – PALAWAN

PROJECT TITLE AND LOCATION	PREPARED & DRAWN BY	RECOMMENDING APPROVAL	APPROVED	SHEET CONTENTS	SHEET NO.
PORT DEVELOPMENT PLAN OF PUERTO PRINCESA PORT, PALAWAN INDICATING PREVIOUSLY APPROVED/FUNDED PROJECTS SINCE CY 2011	RELLY W. MADARCOS SENIOR ENGINEER A	MARLON N. SENDAJ DIEGO ESD MANAGER	ELIZALDE M. ULSON ACTING PORT MANAGER	SITE DEVELOPMENT PLAN–CY 2018 FILE NAME: DEVPLAN BASEPORT	8 8 DATE: JUNE 2019

PHILIPPINE
PORTS
AUTHORITY

PORT MANAGEMENT OFFICE
PALAWAN

REPAIR OF DAMAGED CONCRETE PAVEMENT, DRAINAGE COVER, R.C. WHARF & PLATFORM DECK/SLAB AND JACKETING OF DILAPIDATED PILE CAPS

PORT OF PUERTO PRINCESA, PALAWAN

CONSTRUCTION DRAWINGS

LAY-OUT PLAN FOR THE PROPOSED REPAIRS

SCALE 1 : 1500 METERS

PHILIPPINE PORTS AUTHORITY PORT MANAGEMENT OFFICE PALAWAN	PROJECT TITLE: REPAIR OF DAMAGED CONCRETE PAVEMENT, DRAINAGE COVER, R.C WHARF & PLATFORM DECK/SLAB AND JACKETING OF DILAPIDATED PILE CAPS LOCATION: PORT OF PUERTO PRINCESA, PALAWAN	DRAWN BY: RELLY M. MADARCOS SENIOR ENGINEER A	CHECKED AND REVIEWED BY: NELSON Y. CAABAY, JR. PRINCIPAL ENGINEER A	RECOMMENDING APPROVAL: MARLON N. SENDAYDIEGO ESD MANAGER	APPROVED BY: ELCALDE M. ULSON ACTING PORT MANAGER	SHEET CONTENT: GEN. LAYOUT PLAN OF PROPOSED REPAIRS	SHEET NO. 1 | 11 DATE

LAY-OUT PLAN OF DETAIL CONNECTION AT A1-A10

SCALE 1 : 500 METERS

LAY-OUT PLAN OF DETAIL CONNECTION AT B1,B2 & B3

SCALE 1 : 500 METERS

MARK	LENGTH (m)	WIDTH (m)	AREA (m²)		SHAPE
A1	28.00	2.80	78.40		RECTANGULAR
A2	7.00	4.10	28.70		RECTANGULAR
A3	26.00	3.00	78.00		RECTANGULAR
A4	14.50	5.80	84.10		RECTANGULAR
A5	40.50	3.00	121.50		RECTANGULAR
A6	11.00	3.00	33.00		RECTANGULAR
A7	29.60	8.00	236.80		RECTANGULAR
A8	29.60	3.90	115.44		RECTANGULAR
A9	10.00	6.40	64.00		RECTANGULAR
A10	3.40	2.00	6.80		RECTANGULAR
MARK	LENGTH (m)	WIDTH 1 (m)	WIDTH 2 (m)	AREA (m²)	SHAPE
B1	20.80	14.10	13.00	281.84	TRAPEZOIDAL
B2	34.40	10.80		371.52	RECTANGULAR
B3	17.70	24.80	21.60	410.64	TRAPEZOIDAL

TYPICAL DETAIL SECTION OF PAVEMENT CONNECTION

SCALE N.T.S

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE:	DRAWN BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY	SHEET CONTENT	SHEET NO.
	REPAIR OF DAMAGED CONCRETE PAVEMENT, DRAINAGE COVER, R.C WHARF & PLATFORM DECKSLAB AND JACKETING OF DILAPIDATED PILE CAPS LOCATION: PORT OF PUERTO PRINCESA, PALAWAN	RELLY P. MADARCOS SENIOR ENGINEER A	NELSON Y. CAABAY, JR. PRINCIPAL ENGINEER A	MARLON N. SENDAYDIEGO ESD MANAGER	ELIZALDE M. ULSON ACTING PORT MANAGER	LAY-OUT PLAN OF PAVEMENT DETAIL TYPICAL DETAIL SECTION OF PAVEMENT CONNECTION	2 / 11 DATE

GENERAL PLAN FOR R.C. DECK

SCALE 1 : 130 METERS

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE:	DRAWN BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENT	SHEET NO.
	REPAIR OF DAMAGED CONCRETE PAVEMENT, DRAINAGE COVER, R.C WHARF & PLATFORM DECK/SLAB AND JACKETING OF DILAPIDATED PILE CAPS LOCATION: PORT OF PUERTO PRINCESA, PALAWAN	RELLY Y. MADARCOS SENIOR ENGINEER A	NELSON Y. CABAY, JR. PRINCIPAL ENGINEER A	MARLON N. SENDAYDIEGO ESD MANAGER	ELZALDE M. ULSON ACTING PORT MANAGER	GENERAL PLAN FOR R.C. DECK	3 | 11 DATE

GENERAL ELEVATION THRU SECTION "C"

SCALE 1 : 200 METERS

GENERAL ELEVATION THRU SECTION "D"

SCALE 1 : 100 METERS

PHILIPPINE PORTS AUTHORITY PORT MANAGEMENT OFFICE PALAWAN	PROJECT TITLE: REPAIR OF DAMAGED CONCRETE PAVEMENT, DRAINAGE COVER, R.C WHARF & PLATFORM DECK/SLAB AND JACKETING OF DILAPIDATED PILE CAPS LOCATION: PORT OF PUERTO PRINCESA, PALAWAN	DRAWN BY: RELLY W. MADARCOS SENIOR ENGINEER A	CHECKED AND REVIEWED BY: NELSON Y. CAABAY, JR. PRINCIPAL ENGINEER A	RECOMMENDING APPROVAL: MARLON N. SENDAYDIEGO ESD MANAGER	APPROVED BY: ELIZALDE M. ULSON ACTING PORT MANAGER	SHEET CONTENT: GENERAL ELEVATION THRU SECTION "C" GENERAL ELEVATION THRU SECTION "D"	SHEET NO. 4 | 11 DATE

17
16
15
14
13
14
1.37
3.00
3.00
3.00
3.00
3.00
C
D
E
3.00
3.00
1.45
16mmØ TOP & BOTTOM TRANSVERSE SPACED @ 200mm O.C.
16mmØ TOP & BOTTOM LONGITUDINAL SPACED @ 200mm O.C
100mm x 100mm x 10mm GALVANIZED ANGLE BAR EDGE PROTECTION
12mmØ DEFORMED BAR DOWELS SP. @ 150mm O.C. WELDED TO ANGLE BAR & SLAB REINFORCEMENT
DETAIL OF EDGE PROTECTION
SCALE 1 : 10 METERS
PLAN DETAIL OF DECK SLAB REINFORCEMENT
SCALE 1 : 60 METERS
16mmØ BOTTOM REINFORCEMENT SPACED @ 200mm O.C. BOTHWAYS
16mmØ TOP REINFORCEMENT SPACED @ 200mm O.C. BOTHWAYS
0.25
SECTION DETAIL OF DECK SLAB REINFORCEMENT
SCALE 1 : 40 METERS
PHILIPPINE PORTS AUTHORITY
PROJECT TITLE:
REPAIR OF DAMAGED CONCRETE PAVEMENT, DRAINAGE COVER, R.C WHARF & PLATFORM DECK/SLAB AND JACKETING OF DILAPIDATED PILE CAPS
LOCATION:
PORT OF PUERTO PRINCESA, PALAWAN
DRAWN BY:
RELLY W. MADARCOS
SENIOR ENGINEER A
CHECKED AND REVIEWED BY:
NELSON Y. CABAY, JR.
PRINCIPAL ENGINEER A
RECOMMENDING APPROVAL:
MARLON N. SENDAY DIEGO
ESD MANAGER
APPROVED BY:
ELIZALDE M. ULSON
ACTING PORT MANAGER
SHEET CONTENT
PLAN DETAIL OF R.C. DECK SLAB REINFORCEMENT
DETAIL OF EDGE PROTECTION
SHEET NO.
5 | 11
DATE

GENERAL PLAN OF PILE CAPS FOR JACKETING

SCALE 1 : 250 METERS

PHILIPPINE PORTS AUTHORITY PORT MANAGEMENT OFFICE PALAWAN	PROJECT TITLE: REPAIR OF DAMAGED CONCRETE PAVEMENT, DRAINAGE COVER, R.C WHARF & PLATFORM DECK/SLAB AND JACKETING OF DILAPIDATED PILE CAPS LOCATION: PORT OF PUERTO PRINCESA, PALAWAN	DRAWN BY: RELLY W. MADARCOS SENIOR ENGINEER A	CHECKED AND REVIEWED BY: NELSON Y. CAABAY, JR. PRINCIPAL ENGINEER A	RECOMMENDING APPROVAL: MARLON N. SENDAYDIEGO ESD MANAGER	APPROVED BY: ELIZALDE M. ULSON ACTING PORT MANAGER	SHEET CONTENT: GENERAL PLAN OF JACKETING OF DAMAGED PILE CAPS DATE	SHEET NO. 6 | 11

PLAN SECTION
ELEVATION SECTION
"SINGLE PILE" PILE CAP
PLAN
SECTION DETAIL ALONG LONG DIMENSION
SECTION DETAIL ALONG SHORT DIMENSION
"DOUBLE PILE" PILE CAP
DETAILS OF DAMAGED PILE CAPS FOR JACKETING

LOCATION OF DRAINAGE CANAL COVER FOR REPAIR
PLAN
PLAN
SECTION
SECTION
EXISTING LINED CANAL COVER
PROPOSED REPAIR OF CANAL COVER

REPAIR OF R.C. WHARF
LOCATION OF PROPOSED REPAIR OF R.C. WHARF
SEE DETAIL "B"
SECTION "B-B"

EXISTING R.C. WHARF
DECK SLAB DEMOLITION PLAN
DECK SLAB RE-CONCRETING PLAN
DETAIL "X" (EXPANSION JOINT)
SECTION THRU "A"
SECTION THRU "B"
DETAILS OF PROPOSED REPAIR OF R.C WHARF

SLAB REINFORCEMENT DETAIL
PROPOSED REBAR ARRANGEMENT