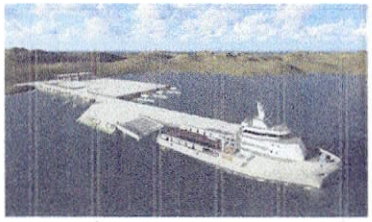
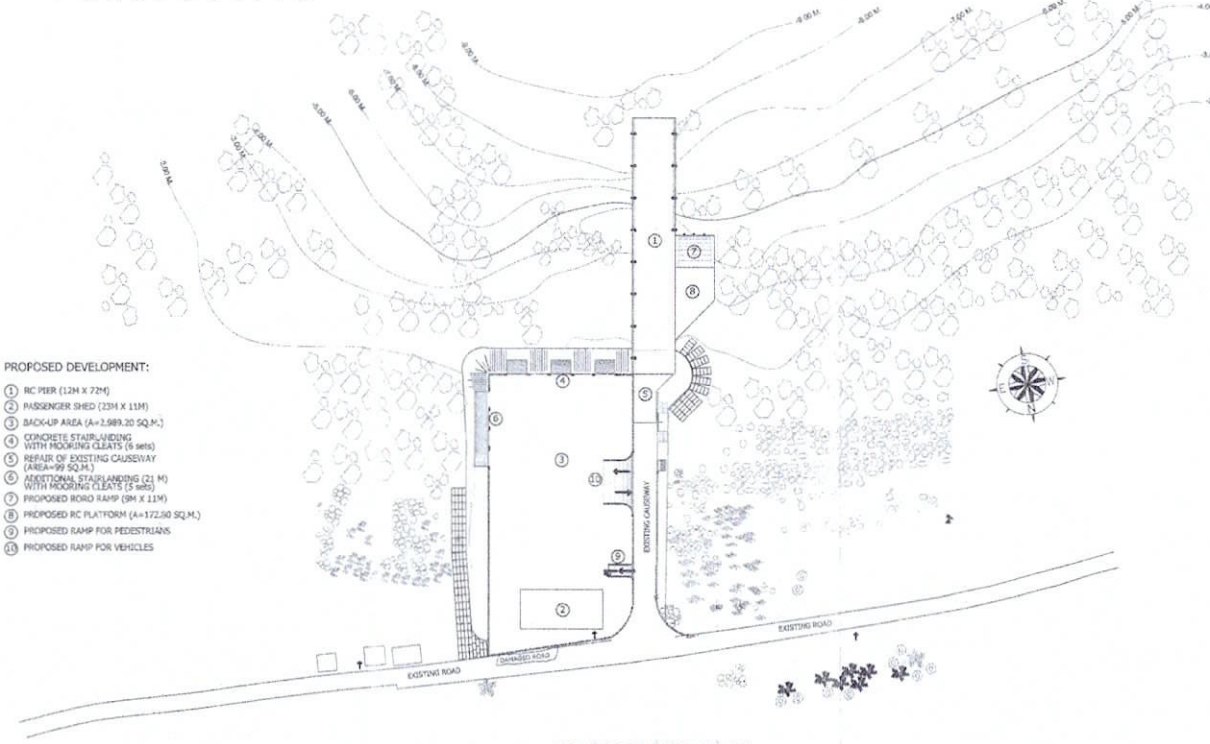


PERSPECTIVE



DEVELOPMENT PLAN
SCALE 1 : 800

VICINITY MAP
NOT TO SCALE

LIST OF DRAWINGS:

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4 OF 22	OFF-SHORE ELEVATION OF RC PIER
5 OF 22	TYP. DETAIL OF PILE CAP FOR COUPLE-BATTER PILES, TYP. DETAIL OF PILE CAP FOR VERTICAL PILES, TYP. SECTION OF BEAM, TYP. SECTION OF CANTILEVER BEAM, TYP. TRANSVERSE BEAM REINFORCEMENT OF RC PIER & TYP. LONGITUDINAL BEAM REINFORCEMENT OF RC PIER
6 OF 22	DETAIL OF 12.20M DECK @ RC PIER, DETAIL OF C.D. & E, DETAIL OF CONSTRUCTION JOINT, DETAIL OF CONSTRUCTION JOINT-3 & DETAIL OF BREATHER HOLES @ RC PIER DECK
7 OF 22	TYPICAL REINFORCEMENT OF FENDER BLOCK, TYPICAL ATTACHMENT OF FENDER, TYPICAL REINFORCEMENT OF MOORING BLOCK
8 OF 22	DETAIL OF RUBBER DOCK FENDER V500H-1500L, DETAIL OF 25 TONS MOORING BOLLARD (TEE HEAD)
9 OF 22	DETAIL OF 450mm X 450mm PRE-STRESSED CONCRETE PILES
10 OF 22	TYP. DETAIL OF PILE CAP FOR COUPLE-BATTER PILES, TYP. DETAIL OF PILE CAP FOR VERTICAL PILES, TYP. SECTION OF BEAM, TYP. SECTION OF CANTILEVER BEAM, TYP. TRANSVERSE BEAM REINFORCEMENT OF RC PLATFORM & TYP. LONGITUDINAL BEAM REINFORCEMENT OF RC PLATFORM
11 OF 22	DETAIL OF SLAB REINFORCEMENT @ RC PLATFORM, DETAIL OF CONSTRUCTION JOINT, DETAIL OF E & DETAIL OF CURTAIN WALL-2
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16 OF 22	STA. 0+030, STA. 0+040 & STA. 0+050
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18 OF 22	STA. 0+063.5 & A
19 OF 22	DETAIL OF STAIRLANDING, DETAIL OF PAVEMENT JOINT, DETAIL OF RC CURB @ ROCK BULKHEAD & TYP. DETAIL OF MOORING CLEAT ATTACHMENT
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ANNEX 1	GENERAL PLAN SHOWING EXISTING FACILITIES
ANNEX 2	HYDROGRAPHIC AND TOPOGRAPHIC SURVEY PLAN
ANNEX 3	SOIL INVESTIGATION

LIST OF DRAWINGS FOR TERMINAL SHED:

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	TERMINAL SHED ROOF PLAN	
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P 01 of 01	GENERAL NOTES AND SPECIFICATIONS	
	MATERIAL SPECIFICATIONS	
	PLUMBING LEGENDS	
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	RISER DIAGRAM	
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GENERAL NOTES :

ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS BASED FROM MLLW ELEV. 0.00 UNLESS OTHERWISE SPECIFIED.

VERIFY ALL NEEDED DIMENSIONS AND ELEVATIONS OF EXISTING STRUCTURES IN THE FIELD.

THE MAXIMUM SIZE OF COARSE AGGREGATES SHALL NOT BE LARGER THAN ONE FIFTH OF THE NARROWEST DIMENSION OF THE BEAMS, NOR ONE THIRD OF THE DEPTH OF SLABS, NOR THREE QUARTERS OF THE MINIMUM CLEAR DISTANCE BETWEEN REINFORCING BARS.

PROVIDE CONCRETE COVERING FOR ALL REINFORCING STEEL AS FOLLOWS :

FOR SLABS, BEAMS AND GIRDERS 100mm ON TOP AND 75mm ON UNDERSIDE, MEASURED FROM THE OUTER SURFACE OF THE CONCRETE TO THE NEAREST SURFACE OF THE STEEL. CHAMFER THE EDGES OF BEAMS, PILE CAPS, CURTAIN WALLS, R.C. CURB AND ALL OTHER PARTS OF THE SUPERSTRUCTURE BY AT LEAST 25mm.

SPLICES FOR MAIN BARS AT CRITICAL SECTION IF FOUND NECESSARY SHALL BE PROVIDED A MINIMUM LAP OF 40 BAR DIAMETER. ALL STEEL REINFORCEMENT SHALL BE DEFORMED BARS (f_y = 276 MPa) UNLESS OTHERWISE SPECIFIED.

SPLICE BARS MAY BE JOINED TOGETHER BY FILLET ELECTRIC WELD IN WHICH CASE THE LAP SHALL BE AT LEAST 75mm. WELDING SHALL BE CONTINUOUS THROUGHOUT THE LENGTH OF THE LAP.

ALL INTERSECTION OF REINFORCING BARS MAY BE ELECTRICALLY SPOT WELDED IN LIEU OF TYING THEM WITH G.I. WIRES. WELDING ELECTRODES SHALL BE OF SHIELDED ARC TYPE HEAVILY COATED WITH CLASSIFICATION No. E6010 OR 6011 OF THE AMERICAN WELDING SOCIETY AND SHALL BE SUITABLE FOR THE POSITIONS AND OTHER CONDITIONS OF INTENDED USE. DIMENSIONS OF STEEL REINFORCEMENTS ARE TO BE TAKEN ON CENTER OF BARS. BAR DETAILS ARE NOT TO SCALE. PROVIDE HOOKS AT OUTER ENDS OF TOP BARS ALONG EXTERIOR BAYS. HOOKS OF BARS SHALL HAVE A MINIMUM DIAMETER OF 4 TIMES THE DIAMETER ON SIDES OF BARS. DRAIN AND AIR HOLES SHALL BE PROVIDED AS INDICATED IN THE PLAN.

CONCRETE TO BE USED SHALL BE 24 MPa (3,500 psi) UNLESS OTHERWISE SPECIFIED.

ROCKS TO BE USED SHALL HAVE A MINIMUM SPECIFIC GRAVITY OF 2.65, ANGULAR IN SHAPE, HARD, DURABLE AND WILL NOT EASILY DISINTEGRATE UNDER LONG EXPOSURE TO SEA WATER.

ALL STRUCTURAL STEEL SHALL BE ASTM A-36 OR JIS 3101.

PROJECT TITLE:

DAVILA PORT DEVELOPMENT PROJECT

PORT OF DAVILA

PASUQUIN, ILOCOS NORTE

PREPARED BY: CHRISTOPHER H. ORNUM, Private Engineer A

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NOTED BY: ROLANDO T. QUERUBIN, Div. Mgr. CSED

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APPROVED: CORNELIO V. FARINAS JR., Asst. Gen. Manager - EO

SHEET CONTENTS:
- DEVELOPMENT PLAN
- VICINITY MAP
- GENERAL NOTES
- SHEET CONTENTS
- PERSPECTIVE

SCALE: AS SHOWN

SHEET NO. 1 OF 22

DATE: NOVEMBER 2018

PHILIPPINE PORTS AUTHORITY