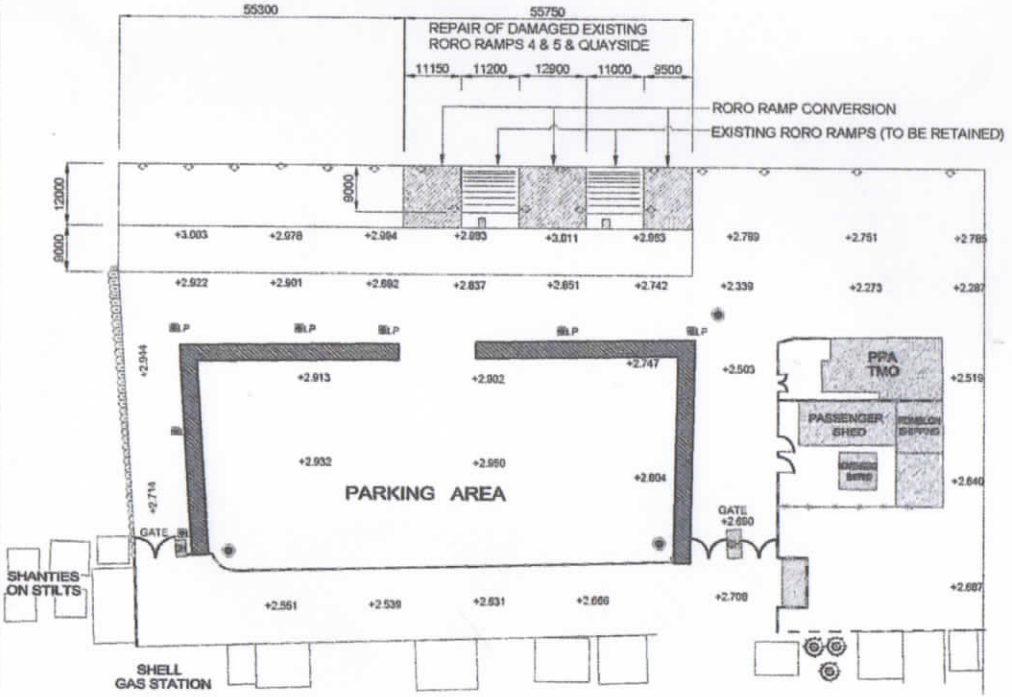


GRAPHICAL SCALE IN METERS

SCALE : 1 : 1,000 M.



DEVELOPMENT PLAN

SCALE 1 : 1000



LOCATION MAP

DRAWN NOT TO SCALE

GENERAL NOTES :

ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS BASED FROM M.L.L.W. ELEVATION 0.00m 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.

CONCRETE COVER SHALL BE THE FOLLOWING EXCEPT OTHERWISE SPECIFIED: 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 x BAR DIAMETER.

ALL STEEL REINFORCEMENT SHALL BE DEFORMED BARS (fy = 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.

CONCRETE STRENGTH (f'c) TO BE USED SHALL BE 24.14MPa (3,500psi) UNLESS OTHERWISE SPECIFIED.

PROVIDE OLD-TO-NEW CONCRETE EPOXY PRIOR TO POURING OF NEW CONCRETE ADJACENT TO THE OLD CONCRETE

PHILIPPINE PORTS AUTHORITY	PORT MANAGEMENT OFFICE OF MASBATE Masbate City	PROJECT TITLE:	PREPARED BY:	CHECKED/REVIEWED BY:	APPROVED:	SHEET NO.:
		REPAIR OF R.C. WHARF: RORO RAMPS, R.C. DECK SLAB, CONCRETE PAVEMENT, STEEL GRATING AND R.C. CURBS	**ANTONIO O. BUNAN**	**JOCELYN A. SEATRIZ**	**CAROLINA S. MENDIZABAL**	1 / 11
		LOCATION: PMO MASBATE, MASBATE CITY, MASBATE	ASSISTANT PROJECT ENGINEER	ESD MANAGER	ACTING PORT MANAGER	