



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS & HIGHWAYS
CEBU 3RD DISTRICT ENGINEERING OFFICE
Ibo, Toledo City, Cebu, Region 7



CY 2025 PROJECT
DETAILED ENGINEERING DESIGN PLAN FOR
REPAIR/MAINTENANCE OF DPWH BUILDING
CEBU 3rd DISTRICT ENGINEERING OFFICE,
MAIN BUILDING
BRGY. IBO, TOLEDO CITY, CEBU

SUBMITTED:


LESIL M. AMAMIO
CHIEF, MAINTENANCE SECTION
DATE

RECOMMENDED:


REYNALDO V. NAVALES, D.P.A., ASEAN Eng.
ASSISTANT DISTRICT ENGINEER
DATE

APPROVED:


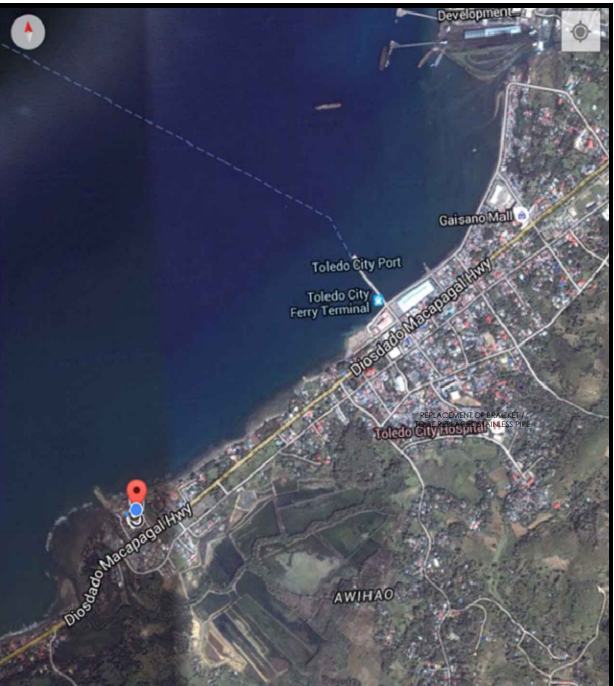
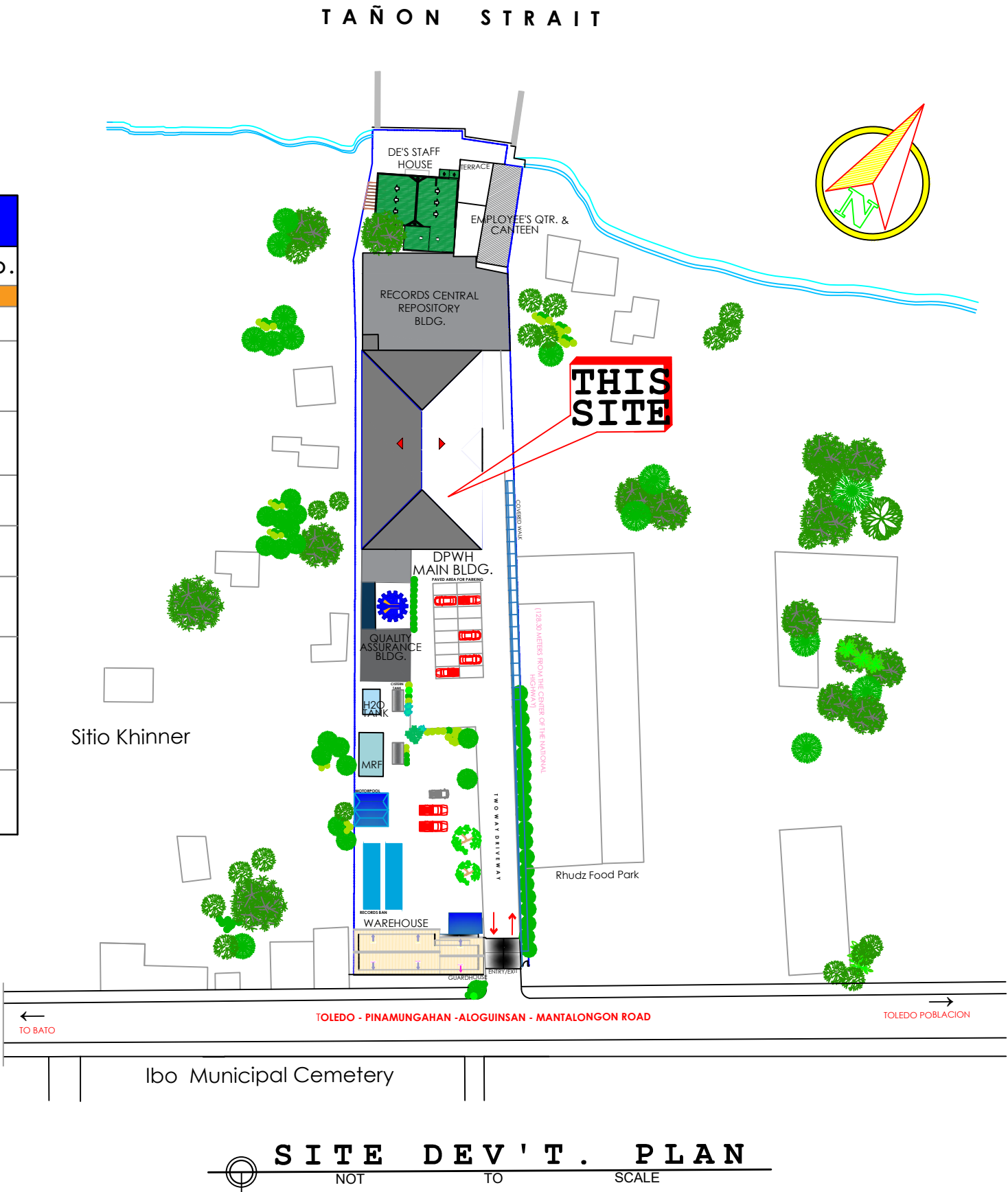
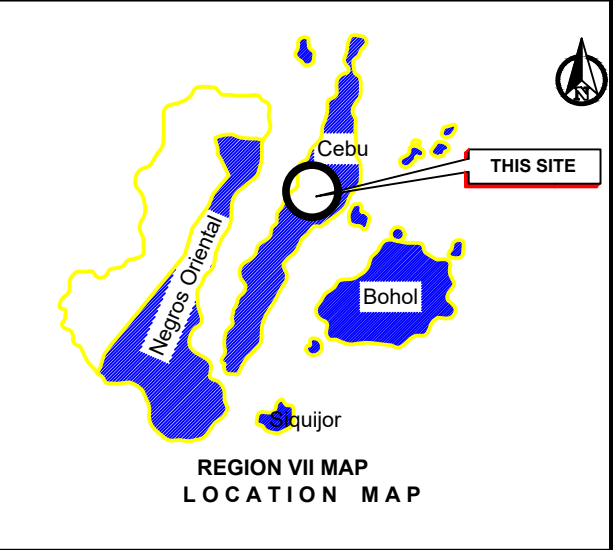

SUZETTE C. NWANAKA
DISTRICT ENGINEER
DATE

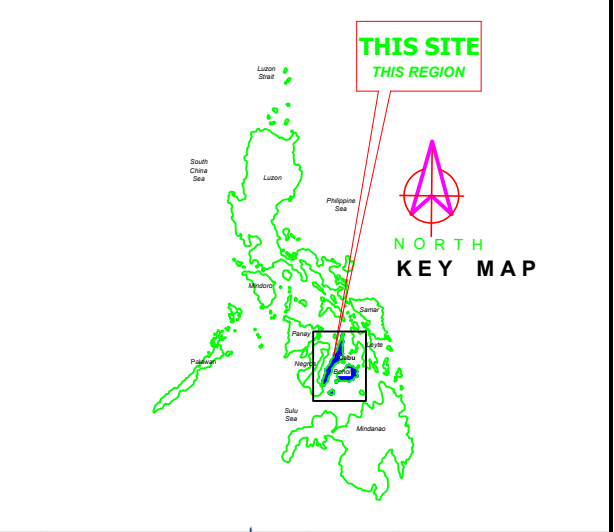
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SITE MAP



REGION VII MAP
LOCATION MAP



THIS SITE
THIS REGION

NORTH
KEY MAP

SUMMARY OF QUANTITIES

GENERAL NOTES

- 1.) IN THE INTERPRETATION OF THE DRAWING, INDICATED DIMENSIONS SHALL GOVERN AND DISTANCES AND SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
- 2.) IN REFERENCE TO OTHER DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS IN FLOOR SLABS, OPENINGS IN THE WALLS AND SLABS, INTERIOR PARTITIONS, LOCATION OF DRAINS, ETC.
- 3.) IN CASE OF DISCREPANCIES AS TO THE LAYOUT, DIMENSIONS, AND ELEVATIONS BETWEEN THE STRUCTURAL PLANS, AND ARCHITECTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY BOTH THE STRUCTURAL ENGINEER AND THE ARCHITECT.
- 4.) ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE ACI.318 25 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ALL STRUCTURAL STEEL WORK ACCORDING WITH AISC SPECIFICATION (9TH EDITION)IN SO FAR AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENT.
- 5.) ACI REFERS TO AMERICAN CONCRETE INSTITUTE, AISC TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND ASTM TO AMERICAN SOCIETY FOR TESTING MATERIALS.
- 6.) CONSTRUCTION NOTES AND TYPICAL DETAILS TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED, MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
- 7.) SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS IRON, PRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR ENGINEERS APPROVAL BEFORE FABRICATION.
- 8.) CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, STOOLS, EQUIPMENT AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS.
- 9.) ALL RESULTS OF MATERIAL TESTING FOR CONCRETE, REINFORCING BARS, & STRUCTURAL STEEL MUST BE NOTED AND APPROVED BY THE STRUCTURAL DESIGNER.

Repair/Maintenance DPWH Building Cebu 3rd District Engineering Office, Main Building Ibo, Toledo City, Cebu													
FORM POW-2015-01C-00													
DETAILED BREAKDOWN OF COMPONENT COST FOR EACH ITEM													
ITEM NO.	DESCRIPTION		%	QTY.	UNIT	DIRECT COST				TOTAL MARK-UP		5% VAT	TOTAL COST
						MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE		
PART B OTHER GENERAL REQUIREMENTS													
B.5(1)	Project Billboard/Signboard	As Submitted	0.64%	2.00	each	6,329.40	740.88	74.09	7,144.37	25%	1,786.09	446.52	9,376.98
		As Evaluated											
B.7 (1)	Occupational Safety and Health	As Submitted	4.09%	1.00	L.S.	17,295.48	28,595.82	-	45,891.30	10%	4,589.13	2,524.02	53,004.46
		As Evaluated											
B.9(1)	Mobilization / Demobilization	As Submitted	1.12%	1.00	L.S.	-	-	12,528.00	12,528.00	0%	-	626.40	13,154.40
		As Evaluated											
	TOTAL OF PART B	As Submitted	5.84%			23,624.88	29,336.70	12,602.09	65,563.67		6,375.22	3,596.94	75,535.84
		As Evaluated											
PART C EARTHWORKS													
801 (1)	Removal of Structures and Obstruction	As Submitted	1.32%	1.00	L.S.	-	13,493.44	1,349.34	14,842.78	25%	3,710.70	927.67	19,481.15
		As Evaluated											
	TOTAL OF PART C	As Submitted	1.32%			-	13,493.44	1,349.34	14,842.78		3,710.70	927.67	19,481.15
		As Evaluated											
PART D REINFORCED CONCRETE													
903(1)	Formworks and Falseworks	As Submitted	2.41%	1.00	sq.m	10,730.85	14,817.60	1,481.76	27,030.21	25%	6,757.55	1,689.39	35,477.15
		As Evaluated											
	TOTAL OF PART D	As Submitted	2.41%			10,730.85	14,817.60	1,481.76	27,030.21		6,757.55	1,689.39	35,477.15
		As Evaluated											
PART E FINISHING AND OTHER CIVIL WORKS													
1001(8)	Sewer Line Works	As Submitted	0.78%	1.00	L.S.	2,852.61	5,927.04	-	8,779.65	25%	2,194.91	548.73	11,523.29
		As Evaluated											
1001(9)	Storm Drainage and Downspout	As Submitted	1.84%	1.00	L.S.	15,788.37	4,445.28	444.53	20,678.18	25%	5,169.54	1,292.39	27,140.10
		As Evaluated											
1001 (10)	Pipes with Fittings Connection	As Submitted	0.84%	1.00	L.S.	4,578.00	4,445.28	444.53	9,467.81	25%	2,366.95	591.74	12,426.50
		As Evaluated											
1002(4)	Plumbing Fixtures	As Submitted	9.01%	1.00	L.S.	93,282.00	7,142.64	714.26	101,138.90	25%	25,284.73	6,321.18	132,744.81
		As Evaluated											
1003 (17)	Carpentry and Joinery Works	As Submitted	2.64%	1.00	ls.	8,648.64	19,047.04	1,904.70	29,600.38	25%	7,400.10	1,850.02	38,850.50
		As Evaluated											
1003(1) a1	Ceiling, 4.5mm thk., Metal Frame, Fiber Cement Board	As Submitted	3.78%	45.91	sq.m.	27,285.01	13,736.29	1,368.07	42,389.37	25%	10,597.34	2,649.34	55,636.05
		As Evaluated											
1004 (2)	Finishing Hardware	As Submitted	1.20%	1.00	L.S.	8,180.00	4,761.76	476.18	13,417.94	25%	3,354.48	838.62	17,611.04
		As Evaluated											
1007(1)a	Aluminum Framed Glass Door, Sliding Type	As Submitted	7.00%	9.24	sq.m.	66,953.50	10,576.60	1,057.66	78,587.76	25%	19,646.94	4,911.74	103,146.44
		As Evaluated											
1007(1)b	Aluminum Framed Glass Door, Swing Type	As Submitted	12.73%	16.80	sq.m.	121,733.64	19,230.18	1,923.02	142,886.84	25%	35,721.71	8,930.43	187,538.98
		As Evaluated											
1008(1)a	Aluminum Glass Windows, Sliding Type	As Submitted	7.95%	12.82	sq.m.	77,646.08	10,598.64	1,059.86	89,304.58	25%	22,326.14	5,581.54	117,212.26
		As Evaluated											
1010 (1)	Frames (Jambs, Sills, Head, Transoms, and Mullions)	As Submitted	0.25%	1.60	set	1,713.85	952.35	95.24	2,761.44	25%	690.36	172.59	3,624.39
		As Evaluated											
1010 (2)a	Doors, Flush	As Submitted	0.42%	1.60	sq.m.	3,094.40	1,488.05	148.81	4,731.26	25%	1,182.81	295.70	6,209.77
		As Evaluated											
1010(2)b	Doors, Wood Panel	As Submitted	1.00%	1.89	sq.m.	9,128.70	1,944.81	194.48	11,267.99	25%	2,817.00	704.25	14,789.24
		As Evaluated											
1013(2)c	Fabricated Metal Roofing Accessory, Gutter, Gauge 24 (0.701mm)	As Submitted	0.51%	16.00	L.M.	5,240.64	403.54	40.35	5,684.53	25%	1,421.13	355.28	7,460.95
		As Evaluated											
1018(1)	Glazed Tiles and Trims	As Submitted	9.21%	57.96	sq.m.	58,281.25	41,045.02	4,104.50	103,430.77	25%	25,857.69	6,464.42	135,752.88
		As Evaluated											
1027(1)	Cement Plaster Finish	As Submitted	0.19%	9.96	sq.m.	1,172.86	853.83	85.38	2,112.08	25%	528.02	132.00	2,772.10
		As Evaluated											
1032 (1) a	Painting Works - Masonry/Concrete	As Submitted	26.16%	898.29	sq.m.	109,175.96	167,697.96	16,769.80	293,643.72	25%	73,410.93	18,352.73	385,407.38
		As Evaluated											
1032 (1) b	Painting Works - Wood	As Submitted	0.77%	23.75	sq.m.	3,201.02	4,926.88	492.69	8,620.60	25%	2,155.15	538.79	11,314.53
		As Evaluated											
1032 (1) c	Painting Works - Steel	As Submitted	2.65%	66.57	sq.m.	15,434.59	13,049.90	1,304.99	29,789.47	25%	7,447.37	1,861.84	39,098.68
		As Evaluated											
1046 (2) a2	CHB Non Load Bearing (including Reinforcing Steel)150mm	As Submitted	0.58%	5.75	sq.m	5,102.55	972.63	408.39	6,483.56	25%	1,620.89	405.22	8,509.68
		As Evaluated											
	TOTAL OF PART E	As Submitted	89.50%			638,493.66	333,245.73	33,037.43	1,004,776.82		251,194.21	62,798.55	1,318,769.58
		As Evaluated											
PART F ELECTRICAL													
1103 (1)	Lighting Fixtures	As Submitted	0.93%	1.00	L.S.	3,946.00	5,927.04	592.70	10,465.74	25%	2,616.44	654.11	13,736.29
		As Evaluated											
	TOTAL OF PART F	As Submitted	0.93%			3,946.00	5,927.04	592.70	10,465.74		2,616.44	654.11	13,736.29
		As Evaluated											
	GRAND TOTAL	As Submitted	100.00%			676,795.39	396,820.51	49,063.33	1,122,679.23		270,654.11	69,666.67	1,463,000.00
		As Evaluated											

 <div>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGION VII CEBU 3RD DISTRICT ENGINEERING OFFICE SITIO KHINNER, POBLACION, TOLEDO CITY, CEBU, 6038</div>	NAME AND LOCATION: CY 2025 PROJECT DETAILED ENGINEERING DESIGN PLAN FOR REPAIR/MAINTENANCE OF DPWH BUILDING CEBU 3rd DISTRICT ENGINEERING OFFICE, MAIN BUILDING BRGY. IBO, TOLEDO CITY, CEBU	SHEET CONTENTS: SUMMARY OF QUANTITIES GENERAL NOTES	PREPARED:  ANGELEN E. REMOCALDO ENGINEER II DATE:	SUBMITTED:  R/MALDO V. NAVALES, D.P.A., ASEAN Eng. CHIEF MAINTENANCE SECTION DATE:	RECOMMENDED:  R/MALDO V. NAVALES, D.P.A., ASEAN Eng. ASSISTANT DISTRICT ENGINEER	APPROVED:  SUZETTE C. NWANANA DISTRICT ENGINEER DATE:	SET NO. <div>3 9</div>	SHEET NO. <div>3 9</div>