

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE X
MISAMIS ORIENTAL 2ND DISTRICT ENGINEERING OFFICE
BALASE ST. EL SALVADOR CITY, MISAMIS ORIENTAL

PROPOSED C.Y. 2025 PROJECT
FLOOD CONTROL AND DRAINAGE STRUCTURE PLAN FOR
**REPAIR/MAINTENANCE OF PANGAYAWAN RIVER REVETMENT 1,
BRGY. PANGAYAWAN, GITAGUM, MISAMIS ORIENTAL**

GITAGUM, MISAMIS ORIENTAL

PREPARED:


DENNIS A. JUBBAYA
ENGINEER II


DATE:

SUBMITTED:


MARYLEN C. CATAGUE
CHIEF, MAINTENANCE SECTION

DATE:

RECOMMENDED:


JIM B. RAMOS
ASSISTANT DISTRICT ENGINEER

DATE:

APPROVED:


ACHILLES B. PIMENTEL
DISTRICT ENGINEER

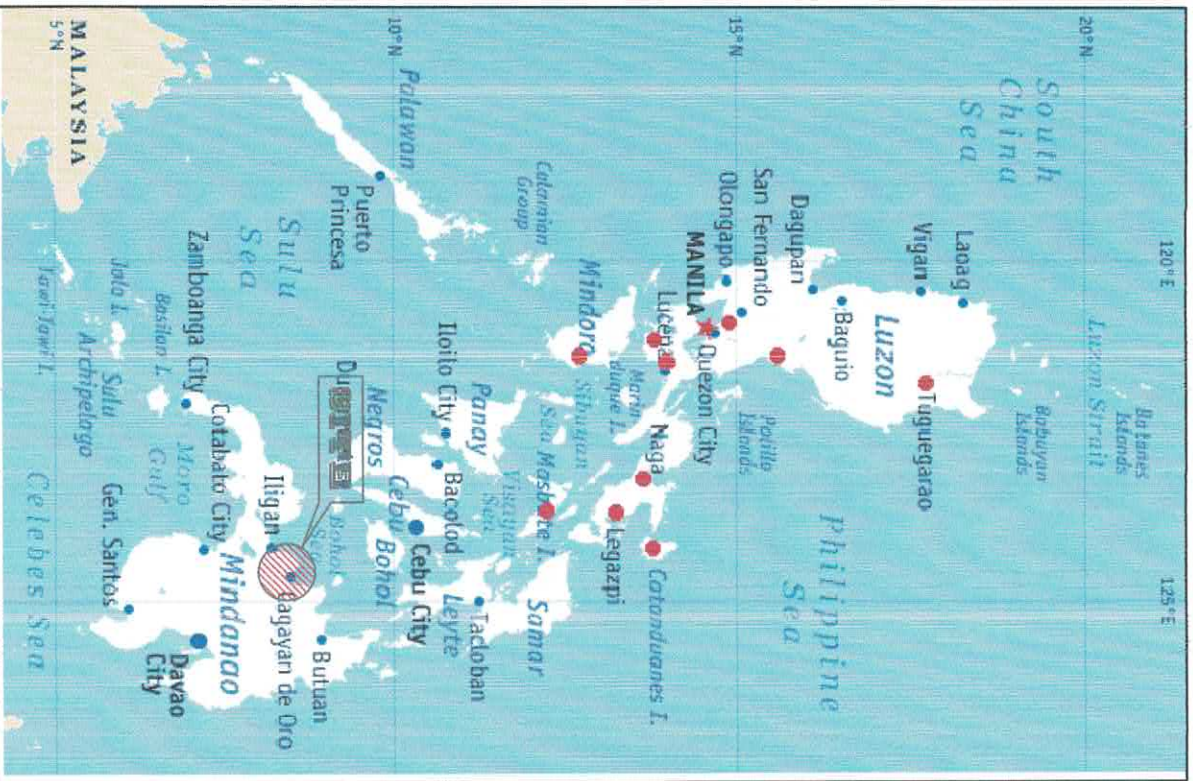
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DRAWING TITLE

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<div>REPUBLIC OF THE PHILIPPINES</div> <div>DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS</div> <div>REGIONAL OFFICE X</div> <div>MISAMIS ORIENTAL 2ND DISTRICT ENGINEERING OFFICE</div> <div>BALABE ST. EL BALLYADOR CITY, MISAMIS ORIENTAL</div>	<div>PROJECT NAME AND LOCATION :</div> <div>REPAIR/MAINTENANCE OF PANGAYAWAN RIVER</div> <div>REVIEWMENT 1 BRGY. PANGAYAWAN, GITAGUIM, MISAMIS</div> <div>ORIENTAL</div> <div>GITAGUIM, MISAMIS ORIENTAL</div>	<div>SHEET CONTENTS :</div> <div>INDEX OF DRAWINGS</div>	<div>PREPARED :</div> <div></div> <div>DENNIS N. SEDUREFA</div> <div>ENGINEER I</div>	<div>REVIEWED :</div> <div></div> <div>REY HESSON N. SEDUREFA</div> <div>ENGINEER II</div>	<div>SUBMITTED :</div> <div></div> <div>MARYLEN C. CATIGUE</div> <div>CHIEF, MAINTENANCE SECTION</div>	<div>RECOMMENDED :</div> <div></div> <div>JIM B. RAMOS</div> <div>ASSISTANT DISTRICT ENGINEER</div>	<div>APPROVED :</div> <div></div> <div>ACHILLE B. PIMENTEL</div> <div>DISTRICT ENGINEER</div>	<div>SHEET NO.</div> <div>2</div> <div>5</div>
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MAP OF THE PHILIPPINES



MAP OF MINDANAO



LOCATION MAP

 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE X MISAMIS ORIENTAL 2ND DISTRICT ENGINEERING OFFICE BALASE ST. EL SALVADOR CITY, MISAMIS ORIENTAL	REPUBLIC OF THE PHILIPPINES		PROJECT NAME AND LOCATION :		SHEET CONTENTS :		PREPARED :		REVIEWED :		SUBMITTED :		RECOMMENDED :		APPROVED :		SHEET NO.	
			REPAIR/MAINTENANCE OF PANGAYAWAN RIVER REVIEWMENT 1.BRGY. PANGAYAWAN, GITAGUIM, MISAMIS ORIENTAL		LOCATION MAP		 DENNIS A. MADAYA ENGINEER II		 REY HESSORCK SEQUIEFA ENGINEER II		 MARYLEN C. CATIBAGUE CHIEF, MAINTENANCE SECTION		 JIM B. RAMOS ASSISTANT DISTRICT ENGINEER		 ACHILLES B. PIMENTEL DISTRICT ENGINEER		3 5	

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
B.5	PROJECT BILLBOARD/SIGN BOARD	1.00	EA.	
B.7	SAFETY AND HEALTH	2.00	MOS.	
101(6)	REMOVAL OF STRUCTURES AND OBSTRUCTION	1.00	L.S.	
404(1)a	REINFORCING STEEL (GRADE 40)	257.52	KGS.	
405(1)a3	STRUCTURAL CONCRETE (CLASS A, 28 DAYAS)	5.40	CU.M.	
1027(1)	CEMENT PLASTER FINISH	162.00	SQ.M.	
508(1)	HAND LAID ROCK EMBANKMENT	95.32	CU.M.	
507	RUBBLE CONCRETE	44.55	CU.M.	



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PROJECT NAME AND LOCATION :
REPAIR/MAINTENANCE OF PANGAYAWAN RIVER
REVIEWMENT 1 BRGY. PANGAYAWAN, GITAGUIM, MISAMIS
ORIENTAL
GITAGUIM, MISAMIS ORIENTAL

SHEET CONTENTS :
SUMMARY OF QUANTITIES

PREPARED :

DENNIS A. JIPARTA
ENGINEER II

REVIEWED :

REY HESSON N. SEGURIDAD
ENGINEER II

SUBMITTED :

MARYLEN C. CATAQUE
CHIEF, MAINTENANCE SECTION

RECOMMENDED :

JIM B. RAMOS
ASSISTANT DISTRICT ENGINEER

APPROVED :

ASAHELIS B. PIMENTEL
DISTRICT ENGINEER




SHEET NO.

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1. DPM STANDARD SPECIFICATIONS FOR HIGHWAYS AND ROADS REVISED 2004 SHALL BE ADAPTED
2. ALL ELEVATIONS, DIMENSIONS AND DISTANCES ARE ALL IN METERS UNLESS OTHERWISE SPECIFIED
3. REFERENCE DATUM PLANE = MEAN SEA LEVEL
4. ALL CONCRETE MIXTURES SHALL BE CLASS "A" 20.68 MPa (3,000 PSI) FOR THE PILE CAP AND THE REINFORCED SECTION OF THE RETEMENT, EXCEPT FOR THE RUBBLE CONCRETE WHICH SHALL BE CLASS "B" 17.25 MPa (2,500 PSI)
5. CONCRETE PROTECTION FOR REINFORCING STEEL BARS SHALL BE AT LEAST 50 mm
6. Boulders of two hundred fifty to three hundred mm (250-300mm) in diameter shall be used for the fill behind the revetment with the bigger size near the toe of the fill. All voids between boulders shall be filled with mixed sand & gravel and compaction shall be done by watering.



 <p> DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE X MISAMIS ORIENTAL 2ND DISTRICT ENGINEERING OFFICE BALASE ST. EL BALAYADOR CITY, MISAMIS ORIENTAL </p>	REPUBLIC OF THE PHILIPPINES	
	PROJECT NAME AND LOCATION:	
REPAIR/MAINTENANCE OF PANGAYAWAN RIVER REVENTMENT 1 BRGY. PANGAYAWAN, GITAGUAM, MISAMIS ORIENTAL	SHEET CONTENTS:	PREPARED:
GITAGUAM, MISAMIS ORIENTAL	TYPICAL SECTION OF REVENTMENT	 DENNIS A. SUDAYA ENGINEER II
		REVIEWED:
		 REY MESSON N. SEDURIFA ENGINEER II
		SUBMITTED:
		 MARYELLEN C. CANIBQUE CHIEF, MAINTENANCE SECTION
		RECOMMENDED:
		 JIM B. RAMOS ASSISTANT DISTRICT ENGINEER
		APPROVED:
		 ACHILLES E. PIMENTEL DISTRICT ENGINEER
		SHEET NO.
		<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="margin-top: 2px;">6</div> <div style="margin-top: 2px;">5</div> </div>