

Name: REHABILITATION OF MALANCAO-BASUD DIVERSION DAM
 Bill of Quantities and Cost Estimate
 Location: Brgy. Malancao-basud, Labo, Camarines Norte

Item No.	Description	Unit	Quantity	Unit Cost (P)	Total Amount (P)
1.0	Construction of Camp, other temporary facilities & movement of equipment	LS	1		
2.0	Diversion of water and care of creek	LS	1		
3.0	Dam				
3.1	Clearing and Grubbing	sq.m.	1400		
3.2	Common Excavation	cu.m.	800		
3.3	Structural Backfill	cu.m.	785		
3.4	Reinforcing Bars	kgs.	4750		
3.5	Concrete Class "A" (w/ Forms)	cu.m.	33		
3.6	Grouted Riprap	cu.m.	155		
3.70	Rubble Masonry	cu.m.	12		
	Sub-Total				
4.0	Canal Works (40-meters lined canal)				
4.1	Common Excavation	cu.m.	5		
4.2	Structural Backfill	cu.m.	2		
4.3	Reinforcing Bars	kgs.	315		
4.4	Concrete Class "B" (w/ Forms)	cu.m.	5		
4.5	Concrete Class "B" (w/o Forms)	cu.m.	4		
4.6	Levelling Course	cu.m.	3.4		
	Subtotal				
	Provision of Billboard	Lot	1		
ESTIMATED PROJECT COST (P)					
Eng'g and Administrative Cost (1% of cost)			1.00%	of est. proj. cost	
TOTAL PROJECT COST (P)					

Prepared by:

Bidder



Department of Agriculture
REGIONAL FIELD OFFICE NO. 5
San Agustin, Pili, Camarines Sur
REGIONAL AGRICULTURAL
ENGINEERING DIVISION

REPAIR OF MALANGCAO-BASUD DIVERSION DAM

Brgy. Malangcao-basud, Labo Camarines Norte

LIST OF DRAWINGS:



LOCATION MAP
LIST OF DRAWINGS



GENERAL PLAN OF PROPOSED
DAM IMPROVEMENT



DETAIL PROTECTION WALL
DETAIL OF GROUTED RIPRAP B

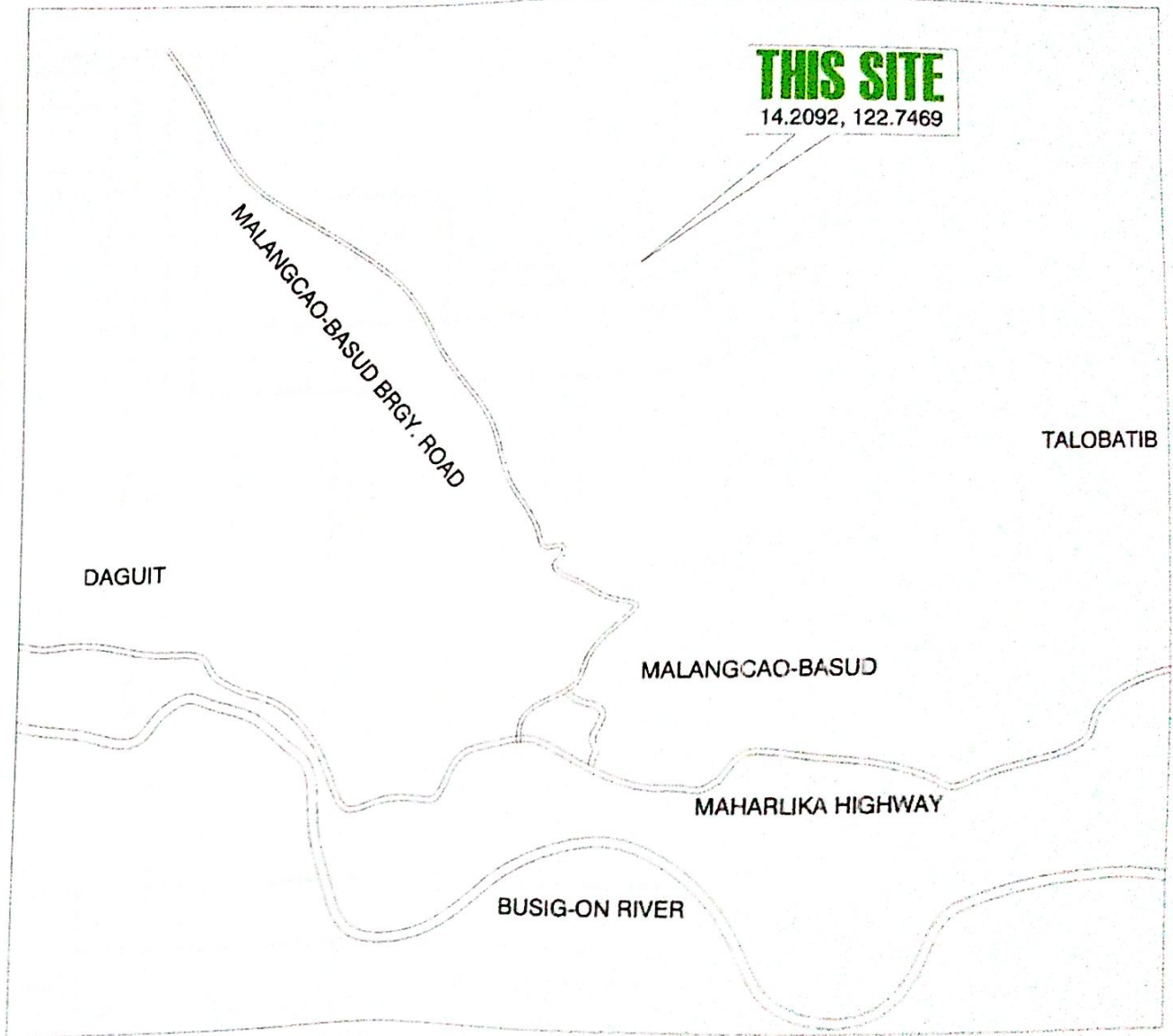


DETAIL OF CANAL DROP
DETAIL OF HAND-LAID STONE
DETAIL OF CANAL
DETAIL OF GROUTED RIPRAP D



DETAIL OF PROJECT BILLBOARD

1. SUMMARY OF QUANTITY	
CANAL	40 METERS
2. DESIGN SERVICE AREA AND CROPPING PATTERN	
CROPPING PATTERN	Rice - Rice - Fallow
SERVICE AREA (Ha)	15
PROJECT COST (P)	Php. 2,500,000.00



Department of Agriculture
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SARAWANG, CAMARINES NORTE
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ENGR. LORENZO ANTONIO B. VELA
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ENGR. MARICELINO M. MIRA
Engineer II

Reviewed by
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ENGR. JERRY A. EBOÑA
Chief, RAED

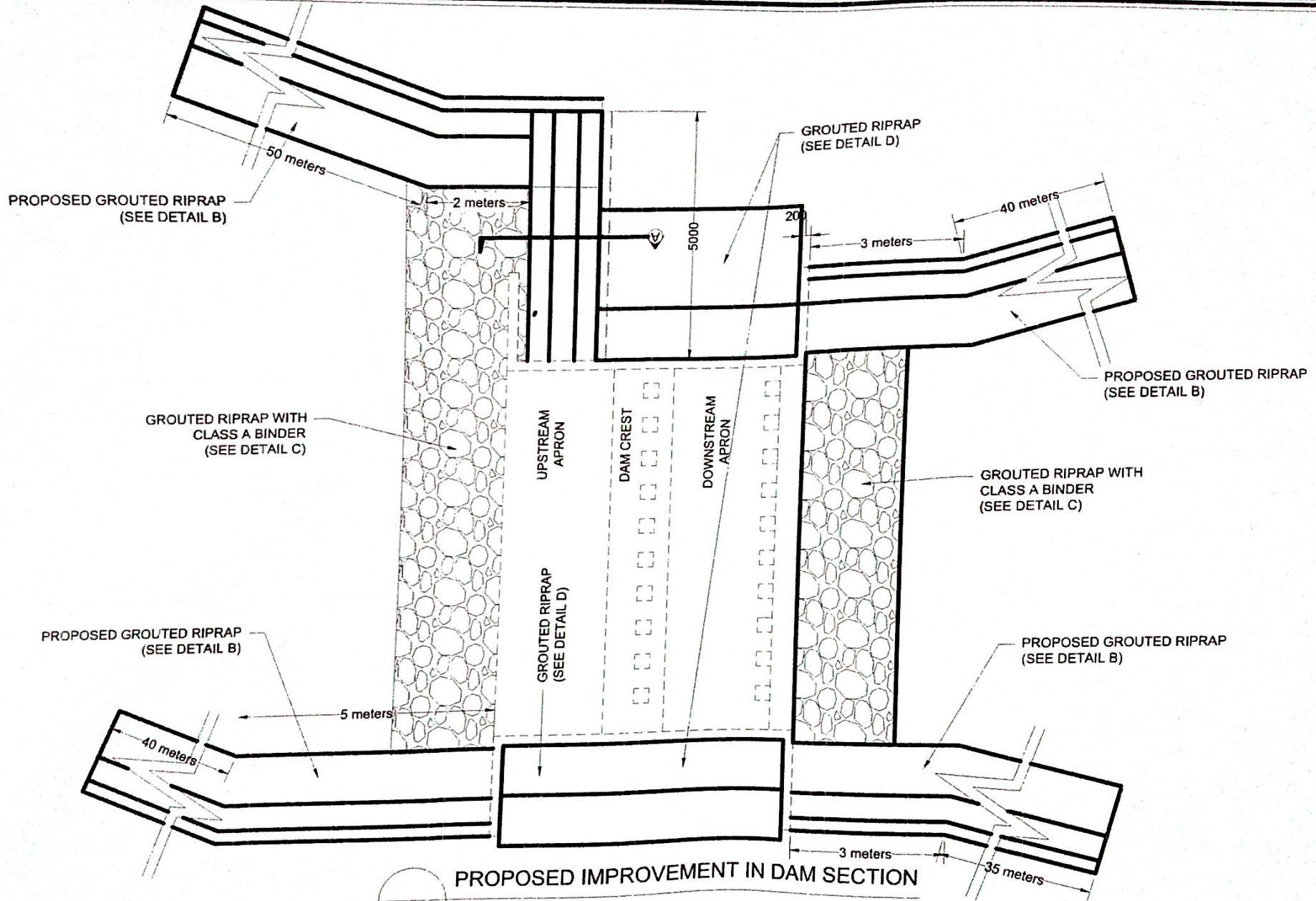
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ENGR. NEDAY ALBANO
Chief, RAED

Checked by
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ENGR. MARICELINO
RTO for Coordination and Execution

Approved
[Signature]
RODEL P. TORIBELLA, MARE
Project Area Chief, RAED

PROJECT TITLE
REPAIR OF
MALANGCAO-BASUD DIVERSION DAM
PROJECT LOCALITY
MALANGCAO-BASUD, LABO, CAMARINES NORTE
SHEET QUANTITY
AS SHOWN

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PROPOSED IMPROVEMENT IN DAM SECTION

SCALE 1:75

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Section Head, EPOSS

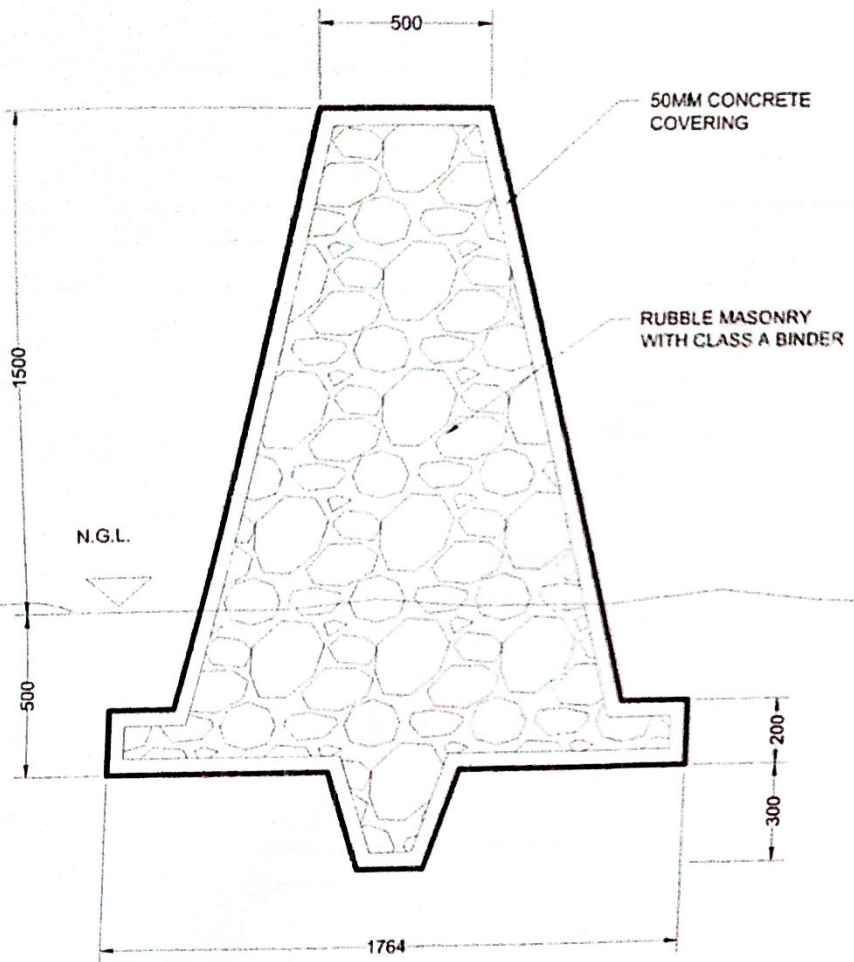
Noted by:
 ENGR. NILFA T. ALBAÑO
Chf. RAED

Recommending Approval:
 LUZ R. MARCELINO
RTD for Operations and Extension

Approved:
 RODEL P. TORNILLA, MABE
Regional Executive Director

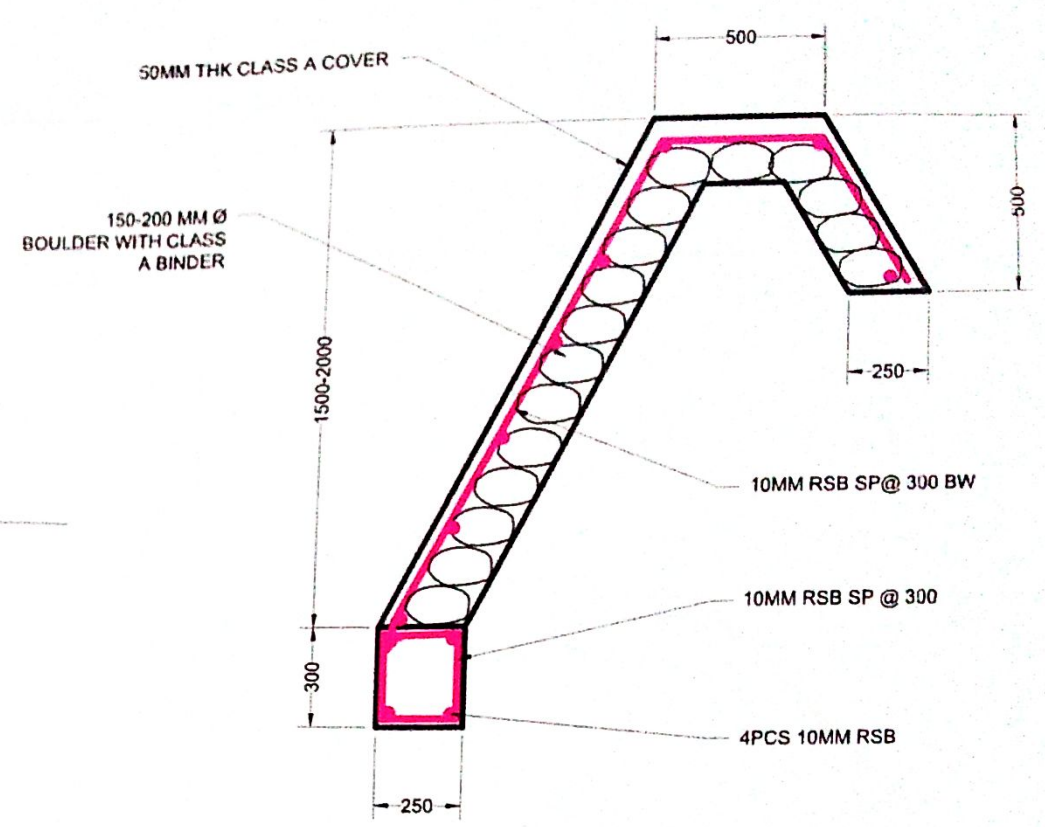
PROJECT TITLE: REPAIR OF MALANGCAO-BASUD DIVERSION DAM
 PROJECT LOCATION: MALANGCAO-BASUD, LABO, CAMARINES NORTE
 SHEET CONTENTS: AS SHOWN

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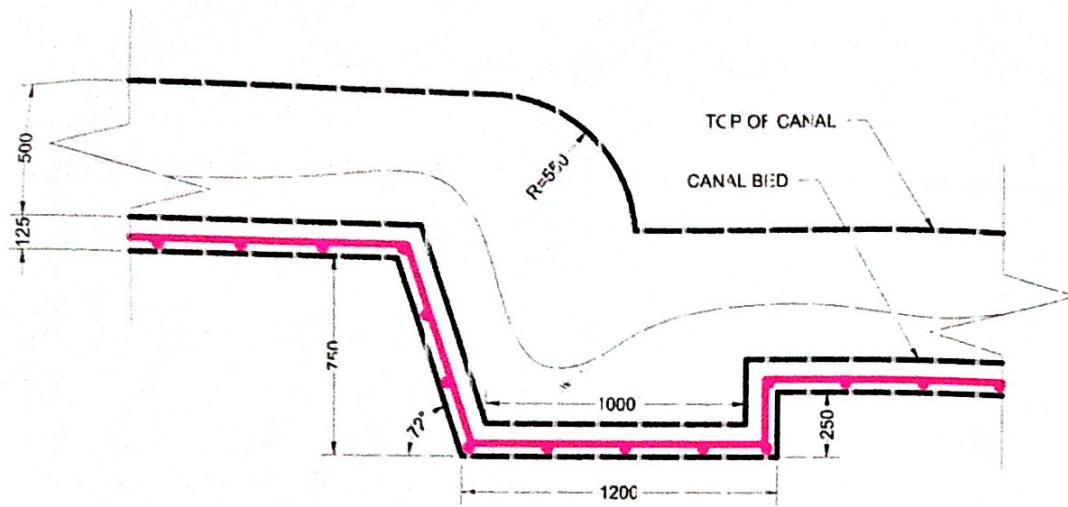
TOTAL LENGTH = 6 METERS

A PLAN
SCALE 1:16



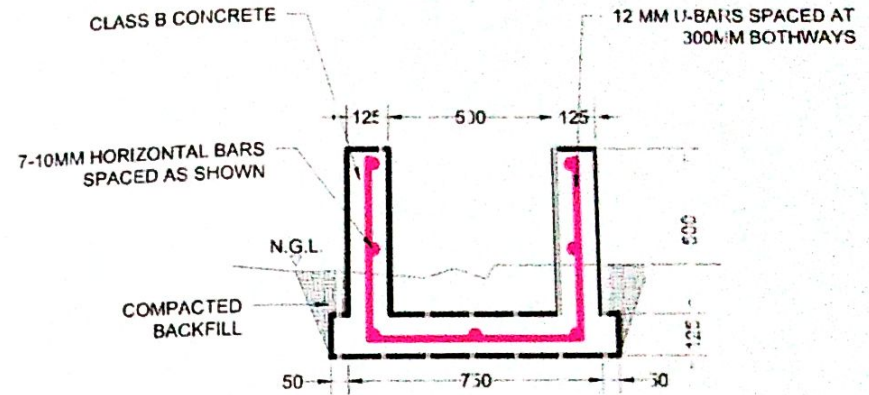
TOTAL LENGTH = 178 METERS

B DETAIL OF SLOPE PROTECTION
SCALE 1:16

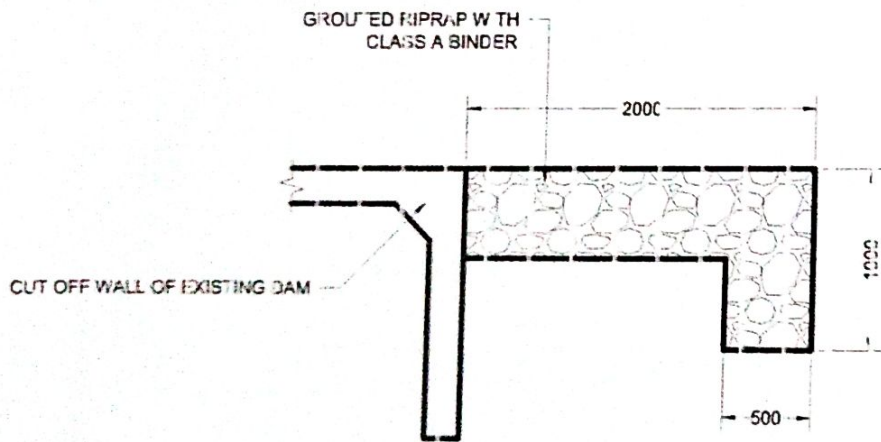


PLAN OF CANAL DROP
SCALE 1:20

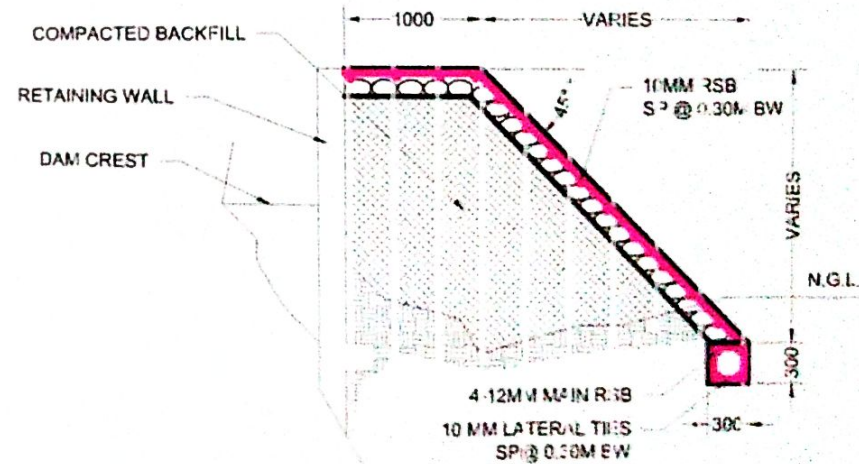
TOTAL LENGTH OF CANAL=40 METERS



PLAN OF CANAL
SCALE 1:6



C GROUTED RIPRAP
SCALE 1:16



DETAIL D
SCALE 1:40

STANDARD PROJECT BILLBOARD

2440



DEPARTMENT OF AGRICULTURE
Regional Field Office No. 5
San Agustin, PL, Camarines Sur

Project: REPAIR OF MALANGCAO-BASUD DIVERSION DAM
Cost: Php. 2,500,000.00
Location: BRGY. MALANGCAO-BASUD, LABO, CAMARINES NORTE
Fund Source/s: QUICK RESPONSE FUND 2020
Contractor: _____
Brief Description of Project: REPAIR AND IMPROVEMENT OF DIVERSION DAM

Project Details:

Project Data		Project Status					Remarks
Duration	Started	Target Date of Completion	Percentage of Completion	As of Date	Cost Incurred to Date	Date Completed	

For particulars or complaints about this project, please contact the Regional Office or Cluster which has audit jurisdiction on this project.

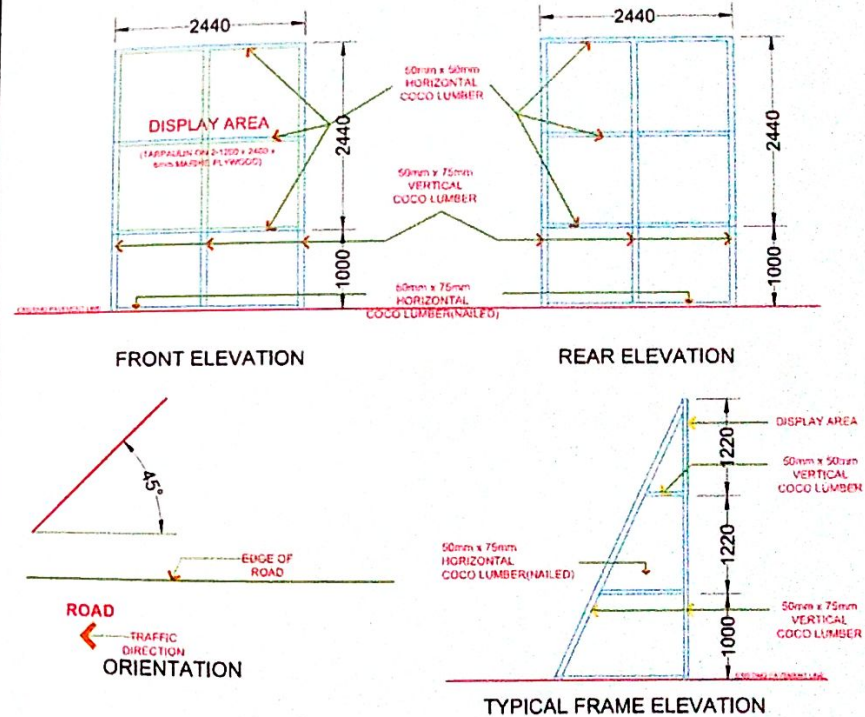
COA Regional Office No./Cluster: _____
Address: _____
Contact No.: _____

"A food-secure Philippines with Prosperous farmers and fisherfolks"



TARPAULINE SHOULD ADHERE TO COMMISSION ON AUDIT CIRCULAR 2013-004 PREPARATION AND INSTALLATION GUIDELINES:

1. THE NEW BILLBOARD DESIGN LAYOUT AND DIMENSION (SEE ATTACHED DRAWING) SHALL BE INSTALLED ON A STANDARD BILLBOARD MEASURING 2400mm (H) x 2400mm (W) USING 12mm (1/2 INCH) THICK MARINE PLYWOOD OR TARPAULIN POSTED ON 50mm (2 INCH) MARINE PLYWOOD. FOR EACH PROJECT THE BILLBOARD SHALL BE INSTALLED IN FRONT OF THE PROJECT SITE.
2. NAME(S) AND/OR PICTURE(S) OF ANY PERSONAGE(S) SHOULD NOT APPEAR IN THE BILLBOARD.
3. NO POLITICAL BILLBOARD SHALL BE ALLOWED TO BE INSTALLED 100 METERS BEFORE AND 100 METERS AFTER ALL DPWH PROJECTS AND IN BETWEEN THE PROJECT LIMITS OR WITHIN THE ROAD RIGHT-OF-WAY.
4. DEPARTMENT OF AGRICULTURE CONTRACTORS SHALL NOT BE ALLOWED TO PLACE NAMES OF POLITICIANS ON THEIR EQUIPMENT OR CARRY POLITICAL BILLBOARD ON THEIR EQUIPMENT.



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Regional Executive Director

PROJECT TITLE:
REPAIR OF MALANGCAO-BASUD DIVERSION DAM

PROJECT LOCATION:
MALANGCAO-BASUD, LABO, CAMARINES NORTE

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AS SHOWN

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