

REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF AGRICULTURE

REGIONAL FIELD UNIT NO.5

SAN AGUSTIN, PILI, CAMARINES SUR.

PROJECT TITLE:

**CONSTRUCTION OF
MAPAPAC DIVERSION DAM**

LOCATION: BRGY. MAPAPAC, BARCELONA, SORSOGON

PREPARED BY:








RAED OFFICE




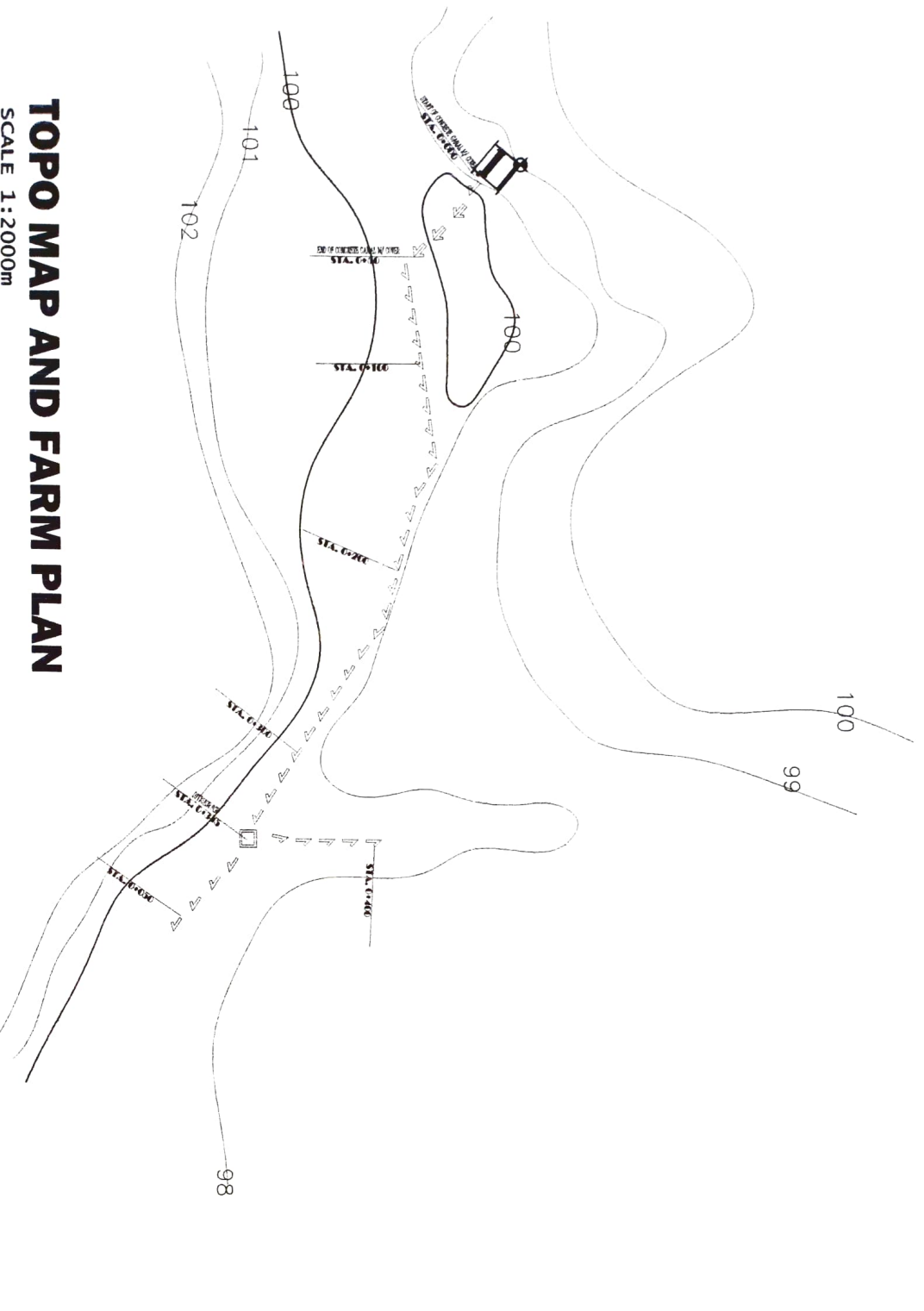
SHEET CONTENT :

1	SHEET CONTENT
2	TOPOGRAPHIC MAP AND FARM PLAN
3	SITE DEVELOPMENT PLAN
4	GENERAL PLAN OF DAM
5	LONGITUDINAL SECTION OF DAM
6	US & DS SECTION OF DAM
7	DETAIL OF COLUMN FOOTING & COUNTERPORT
8	DETAIL OF CANAL, PROFILE OF CANAL
9	SLIDE GATE
10	END CHECK & DIVISION BOX
11	BILLBOARD & PERMANENT MARKER

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
 SAN AGUSTIN, PULI, CAVARINES SUR

Prepared by  J. GALANO	Surveyed by  L. PINEDA	Checked by  A. MIRA	Reviewed by  S. ERIS	Substituted by  N. CANASO	Project Meeting Approval  R. M. M. M. M.	Approved by  R. M. M. M. M.
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Name of Project Construction of Mapaspac Diversion Dam	Date _____
Location Brgy. Mapaspac, Bantayan, Sarangani	Sheet No. _____
Other Comments AS SHOWN	



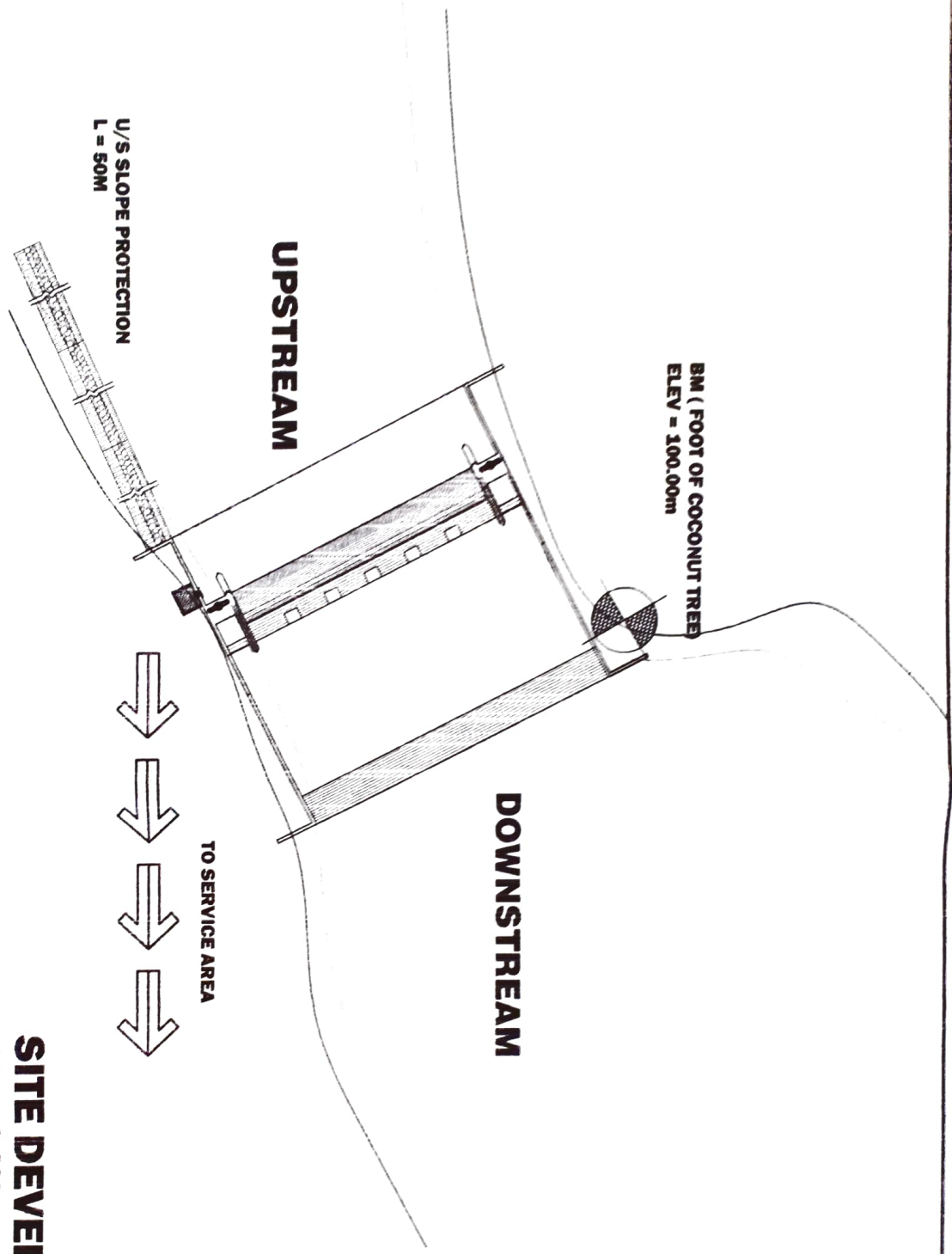
- LEGEND:**
- BM FOOT OF COCONUT (ELEV.=100)
 - PROPOSED DAM
 - PROPOSED CONCRETE CANAL
 - CONTOUR LINE (1 METERS INTERVAL)
 - PROPOSED DIVISION BOX
 - CONC. END CHECK
 - PROPOSED CONCRETE CANAL W/ COVER

TOPO MAP AND FARM PLAN

SCALE 1:2000m

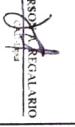

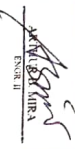




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 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD UNIT NO. 5
 SAN AUSTIN, PULI, CAVARINES SUR

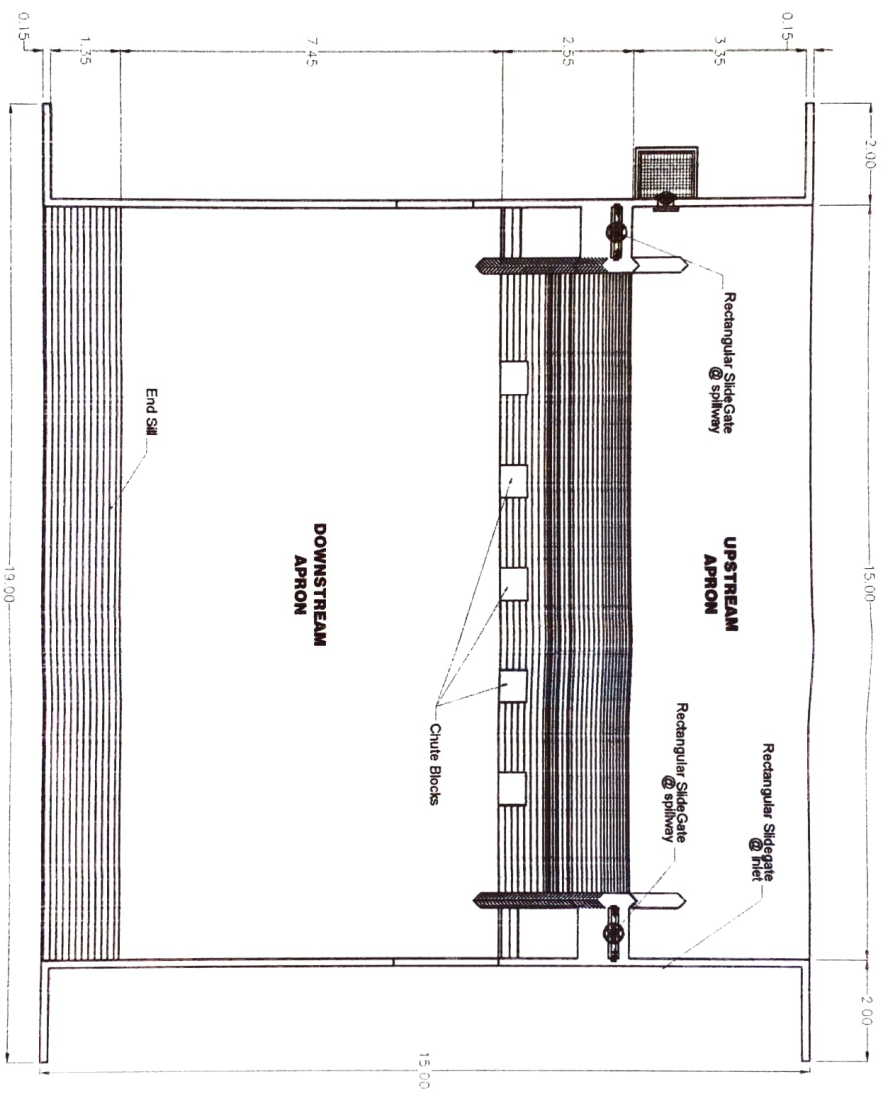
Prepared by: JEFFREY A. GALARDO	Surveyed by: LEONIDES L. MALACAO	Checked by: ARVIN R. QUIRAN	Reviewed by: JERRY A. ERONA	Submitted by: MILDA M. MANSO	Recommending Approval: L. B. S. CASTILLO	Approved by: ROBERTO R. L. NABIE	Name of Project: Construction of Magsajac Diversion Dam	Date: DATE
Location: Brgy. Magsajac, Barcelona, Surigong	Sheet Contents: AS SHOWN	Scale: 1:2000m	Drawn by: DATE	Checked by: DATE	Submitted by: DATE	Approved by: DATE		



SITE DEVELOPMENT PLAN

SCALE 1:200m

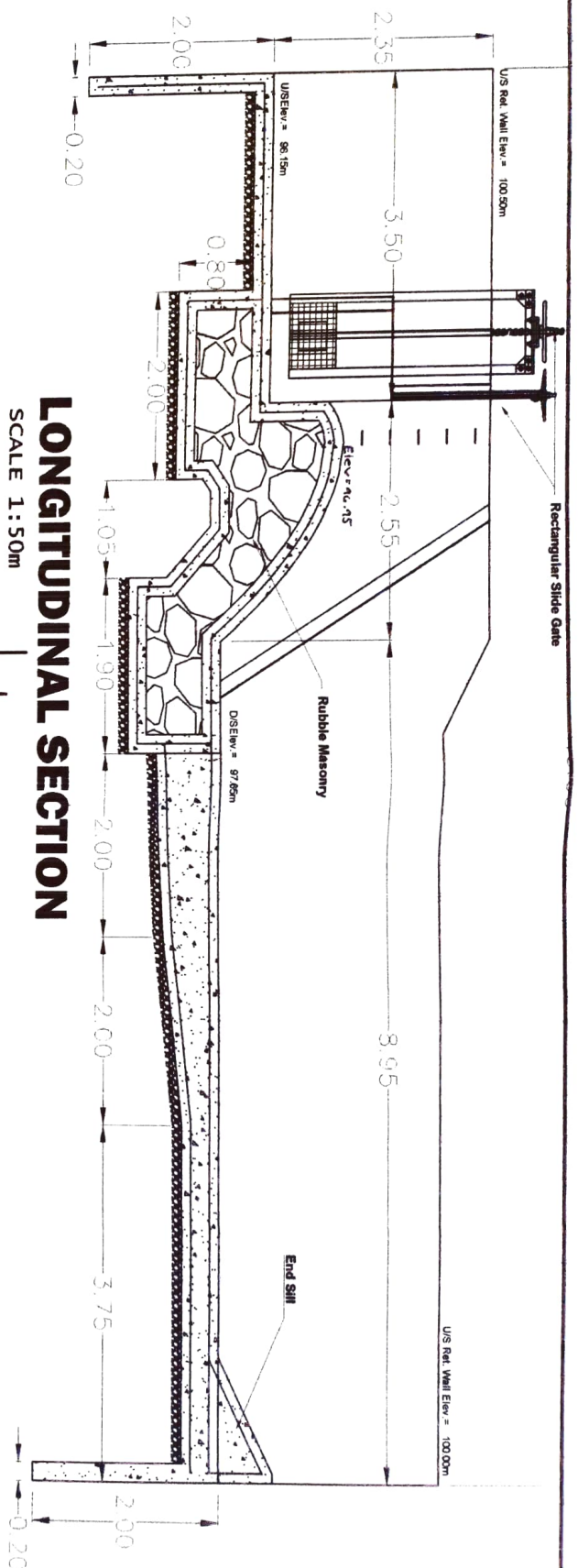
	REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO.5 SAN AGUSTIN PUL, CAMARINES SUR	Prepared by  JEFFERSON BRICALARIO	Surveyed by  LEONIDA BRICALARIO	Checked by  ENGR. III	Reviewed by  JERRY A. FLORES	Submitted by  NERY	Project Monitoring Approval  ELIZABETH M. MACTELLANO	Approved by  ROBERT FERNAN	Name of Project Construction of Maragapac Diversion Dam Location Inq. Maragapac, Ilocos Sur Sheet Number A.S. SHOWN	7
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GENERAL PLAN OF DAM

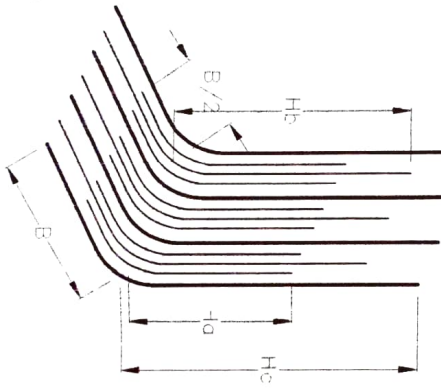
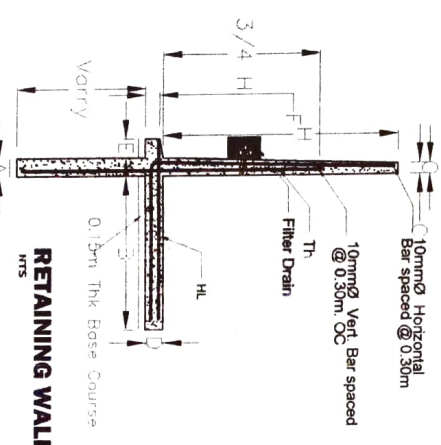
SCALE 1:100m

	REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR	Prepared by JEFFERSON M. DELA CRUZ	Supervised by LEONARD B. LINCAG <small>Senior Agronomist</small>	Checked by ANTHONY H. MIRA <small>Engr. II</small>	Reviewed by HENRY A. SEVILLA <small>Chief Agronomist, Div. III</small>	Submitted by MARK A. DELA CRUZ <small>Engr. II</small>	Designating Approval R. R. MARAÑANO <small>Chief Agronomist, Div. III</small>	Approved by RODEL P. ORDOÑEZ <small>Regional Director</small>	Name of Project Construction of Napaepe Diversion Dam Location Brgy. Napaepe, Bancabato, Sorsogon Sheet Coverage AS SHOWN	Date 2022
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LONGITUDINAL SECTION

SCALE 1:50m



SCHEDULE OF DIMENSIONS & REINFORCEMENT			
H	2.30m	Bar "A"	12mmØ@24cm
A	0.15m	Bar "S"	12mmØ@24cm
B	2.10m	Hb	1.0m
C	0.15m	Hb	1.75m
D	0.15m	Hc	10mmØ@30cm
E	0.15m	Hd	10mmØ@30cm
F	0.15m	Hf	10mmØ@30cm

NOTE:
All dimensions shall be in meters

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD UNIT NO. 5
SANI AGUSTIN, PULI, CAMARINES SUR

Prepared by
JIBERSON M. MARIANO

Reviewed by
LEONARDO DELA CRUZ

Checked by
ARVIN B. BAKA

Approved by
JERRY A. ERIBAK

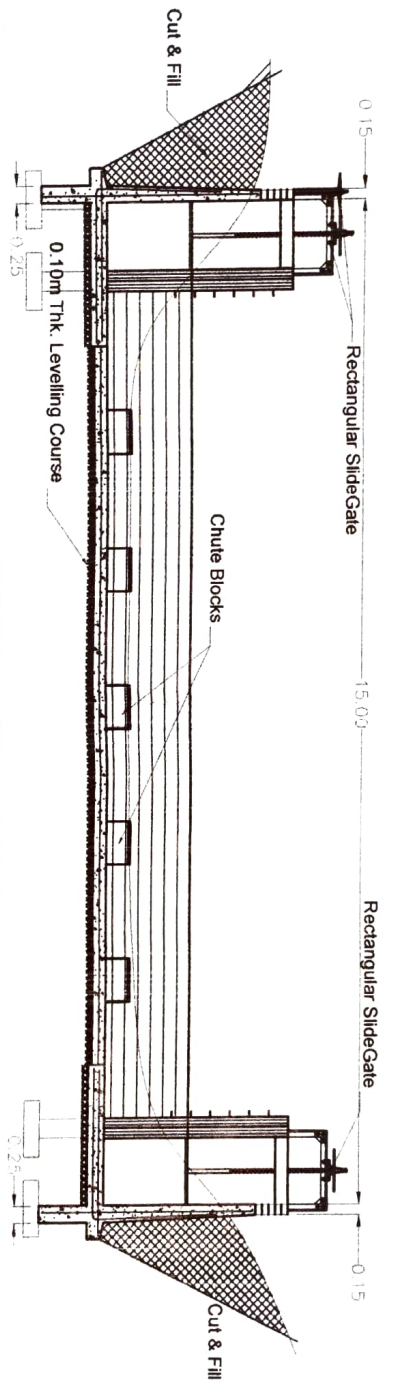
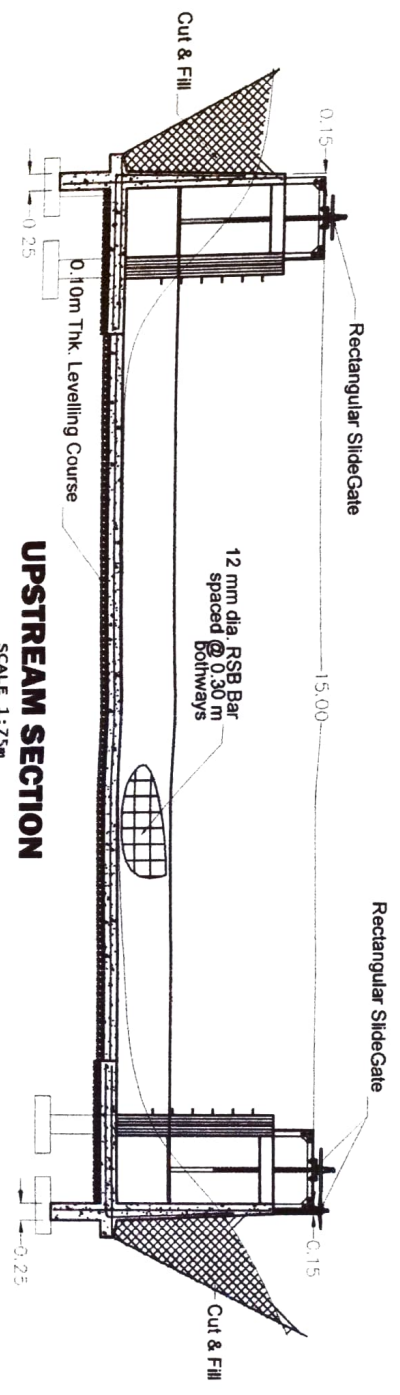
Submitted by
MIGUEL DELA CRUZ

Approved by
MIZEL MARIANO

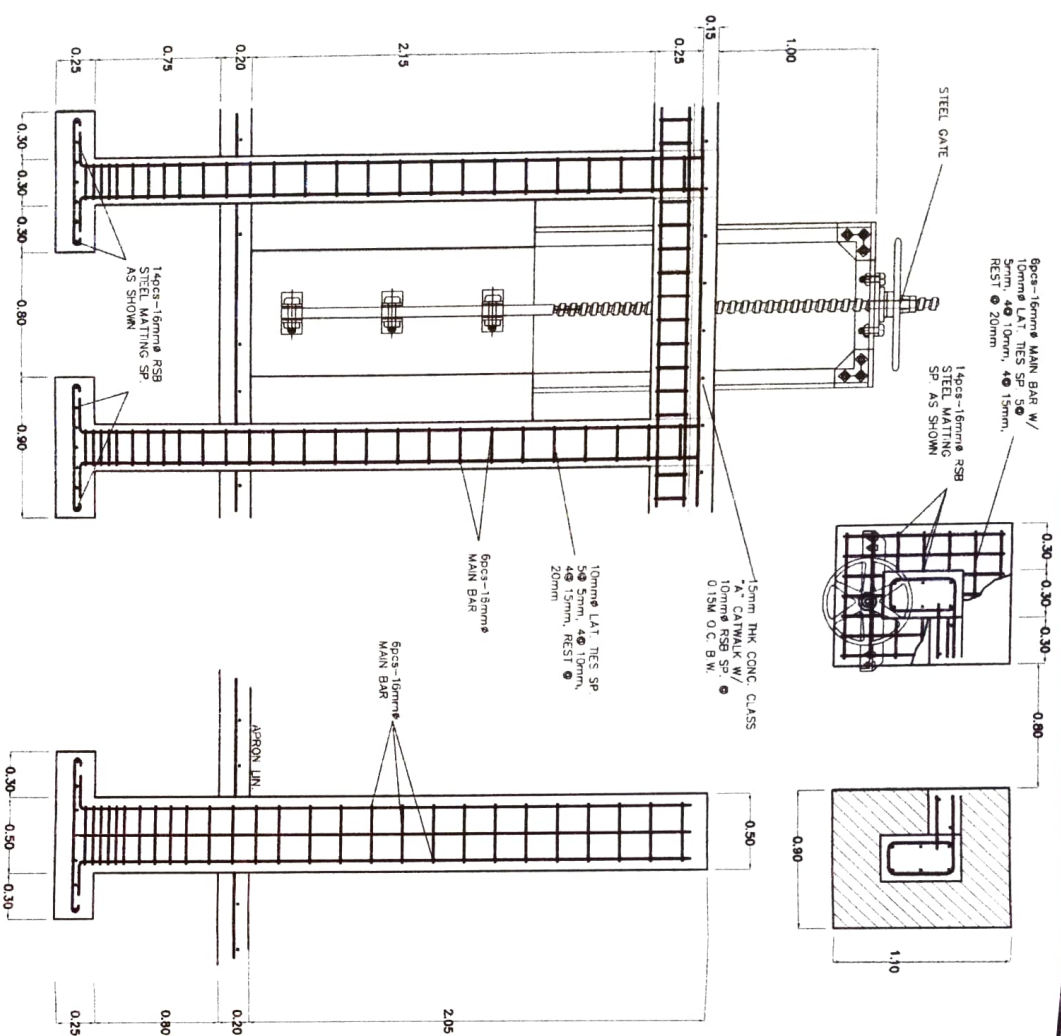
Approved by
RODEL E. TORRES

Construction of Magsapac Diversion Dam
Brgy. Magsapac, Municipality of San Juan, Camarines Sur
AS SHOWN

DATE: _____
SCALE: _____
SHEET NO.: _____

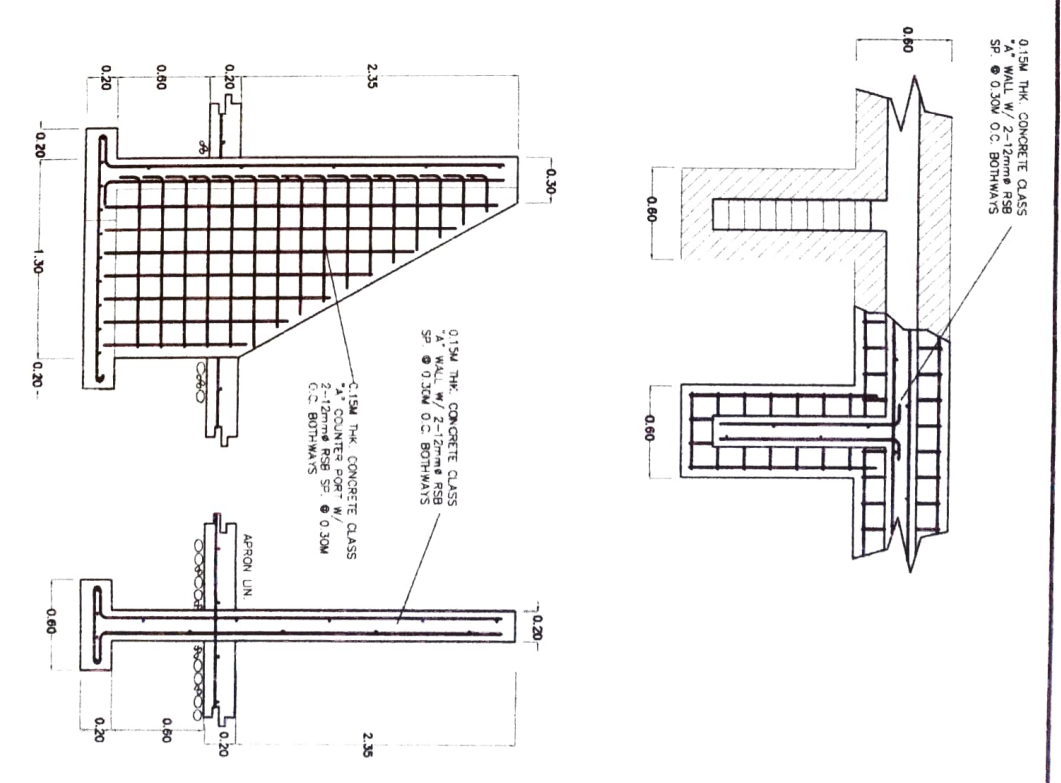


		REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, P.I., CAMARINES SUR		Prepared by JEFFERSON M. MAGALANO	Supervised by LEONIDES I. BULACANO <small>Team Supervisor</small>	Checked by ARMIN M. ARANA <small>ENGR. II</small>	Reviewed by JERRY A. SIBMA <small>Professional Engineer III</small>	Administered by NILDA M. LLANOS <small>Chief Admin</small>	Approving Authority R. R. MANALINO <small>Chief Engineer and Designer</small>	Approved by RODSELL CORONADO <small>Chief Engineer</small>	Name of Project Construction of Mapasac Diversion Dam	Date 2018
				Location Pagsanjan, Marikina, Marikina, Marikina							Sheet Count AS SHOWN	Scale 1:75m



DETAIL OF COLUMN AND FOOTING

NTS

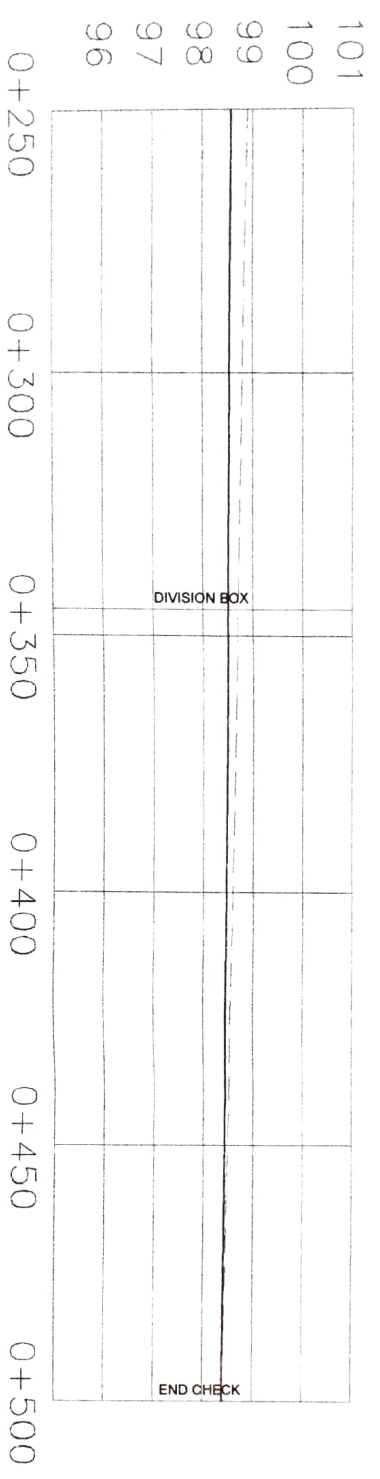
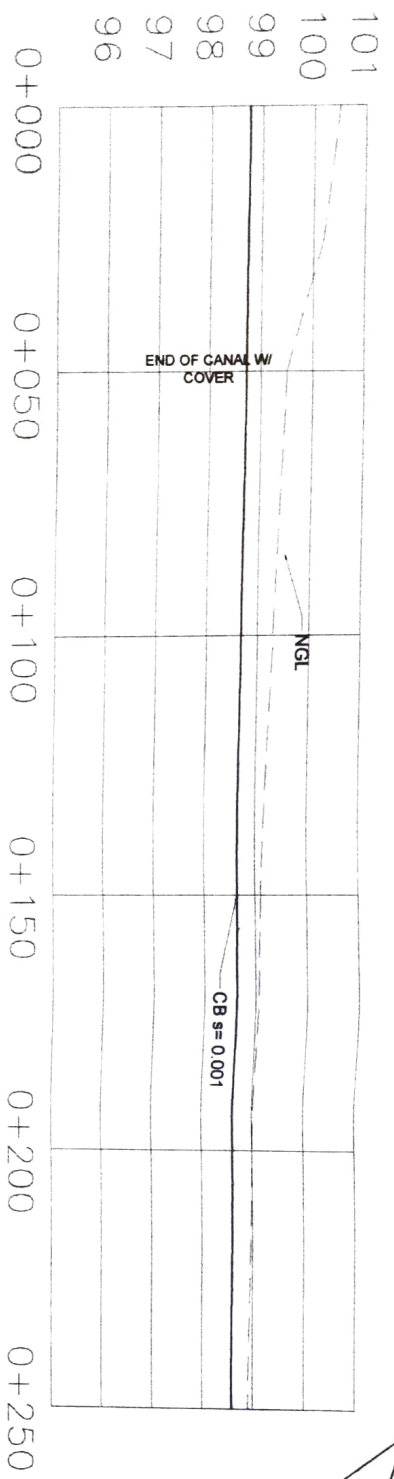


DETAIL OF WALL AND COUNTER PORT

NTS

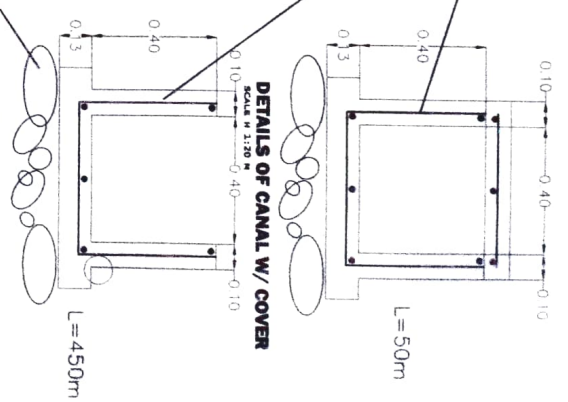
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AUSTIN, PUL, CAMARINES SUR		Prepared by JEFFERSON ESPINARDO		Supervised by LEONIDAS L. BULACANO		Checked by ARTHUR A. MITRA		Reviewed by JERRY A. ERASMA		Submitted by NICHOLAS...		Design Meeting Approval LIZ R. MANTILANO		Approved by ROBERT...		Name of Project Construction of Magsapac Diversion Dam		Date AS SHOWN	
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CLASS "B" CONCRETE CANAL W/
 12mm Ø U-BARS SPACED @ 0.40M
 & 10-10mm Ø LONGITUDINAL BARS
 SPACED AS SHOWN

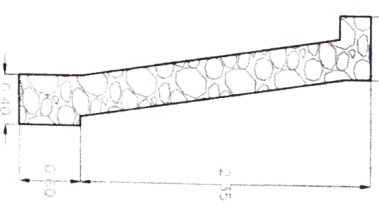


0.10M. THK. LEVELING COURSE

DETAILS OF CANAL
 SCALE N 1:20 M



DET. OF SLOPE PROTECTION
 SCALE N 1:20 M

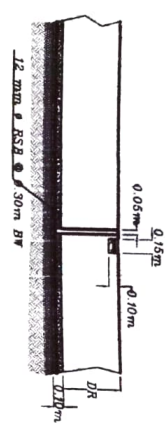


PROFILE OF MAIN CANAL
 SCALE H 1:1000m ; V 1:1000m

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PUL. CAMPANES SUR		Prepared by JEFFERSON P. BICOLARIO	Surveyed by LEONIDES L. BILALACAO	Checked by APOLYNIA MIRA	Reviewed by TERESA A. ERONA	Submitted by NERVENA ALIBONTO	Approving Agency LIZ R. MARCELINO	Approved by RODOLFO B. VILLALBA	Name of Project Construction of Mapapas Diversion Dam	Location Brgy. Mapapas, Marikina, Scenic View	Sheet Contents AS SHOWN
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**SCHEDULE OF DIMENSIONS
DIVISION BOX - RIGHT**

STATION	ba	bb	bc	cd	de	df
0+350	0.40	0.40	0.20	0.40	0.40	0.40

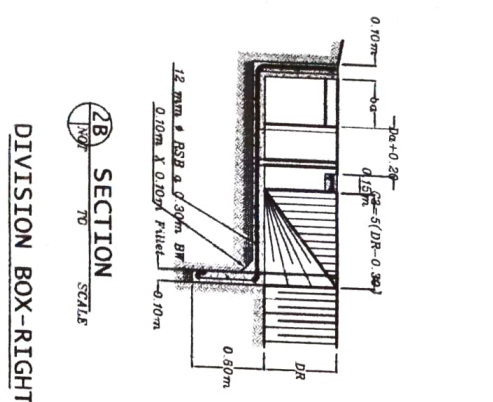


2A SECTION TO SCALE

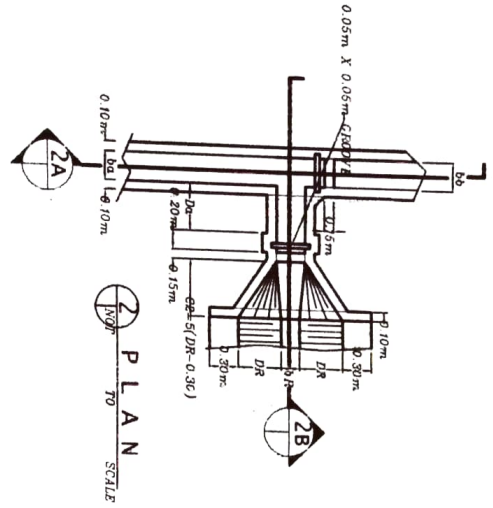


SCHEDULE OF ELEVATIONS AND DIMENSIONS

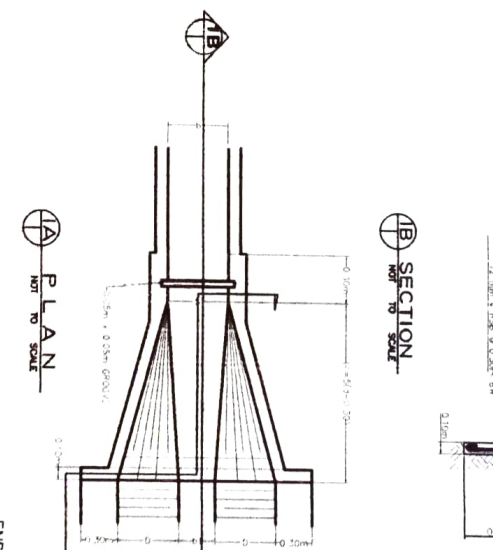
STATION	ELEV. DIMENSIONS				
	TS	CS	T	DI	C
0 + 350	95.00	4.630	4.70	30	4.70



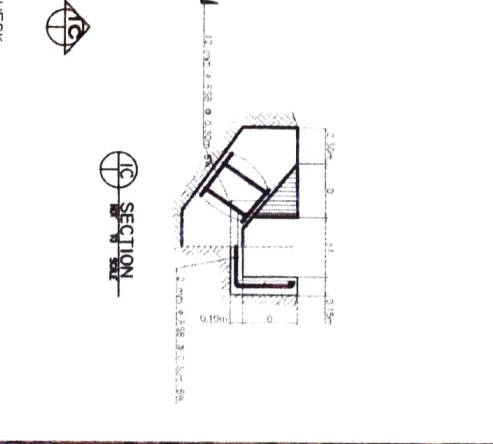
2B SECTION TO SCALE



2A PLAN TO SCALE



2B SECTION TO SCALE




2C SECTION TO SCALE

END CHECK

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PUJ. CAGAYANES SUR						
Prepared By	Checked By	Reviewed By	Supervised By	Approved By	Checked By	Checked By
JEFFERSON BRILANARO	LEONIDES BRILANARO	JERRY A. BENA	JERRY A. BENA	VALDE DOMASO	LIZ R. MARCELIANO	RODEL TORNELLA
Construction of Magapac Diversion Dam San Agustin, Puj. Cagayan Sur AS SHOWN						

STANDARD PROJECT BILLBOARD



Project: _____
Cost: _____
Location: _____
Fund Source: _____
Contractor: _____
Brief Description of Project: _____

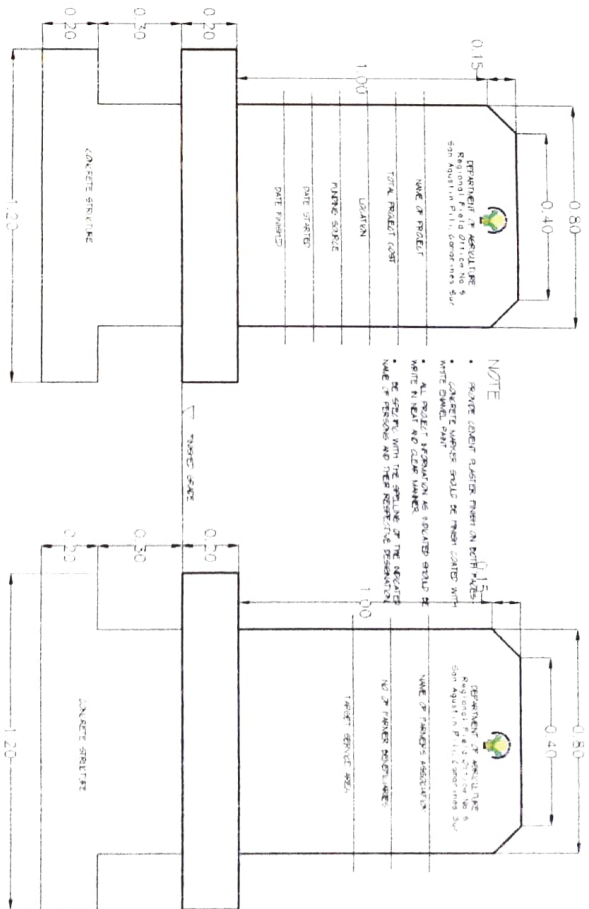
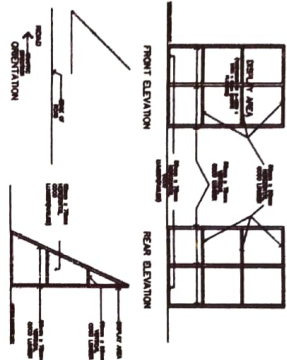
Project Details:

Item	Description	Quantity	Unit	Rate	Amount

Prepared by: _____
 Checked by: _____
 Approved by: _____
 Date: _____

REMARKS: SHOULD ADHERE TO GUIDELINES ON ADVERTISING AND INFORMATION AND PUBLICITY GUIDELINES

1. The billboard should be placed in a visible and accessible area.
2. The billboard should be placed in an area that is not a restricted zone.
3. The billboard should be placed in an area that is not a restricted zone.
4. The billboard should be placed in an area that is not a restricted zone.



NOTE:

- PROVIDE LETTER NUMBER FROM IN BOTH SIDES
- CONCRETE BASE SHOULD BE THICK ENOUGH TO HOLD THE BILLBOARD
- ALL PROJECT INFORMATION IS TO BE PROVIDED WITHIN THE BILLBOARD
- WRITE IN INK AND CLEAR LETTERS
- WRITE IN INK AND CLEAR LETTERS
- WRITE IN INK AND CLEAR LETTERS

PROJECT BILLBOARD

PERMANENT MARKER

REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF AGRICULTURE
 REGIONAL FIELD UNIT NO. 5
 SAN AUSTIN, PULU CAVARINES SUR

Prepared by: JEFFREY A. RECALVARO CAD/Asst	Supervised by: LEONIDES L. HUIALACAO Farm Supervisor	Checked by: ARTHUR S. AYRA Asst. M.	Reviewed by: JERRY A. BRONIA Extension Officer III	Submitted by: MILTON J. TUPASO Chief Agrilist	Recommending Approve: LIZOR M. MARCELINO Asst. Dir. Operations and Extension	Approved by: RODRIQUE P. ARNOLD Regional Executive Director	Office of Origin: Construction of Mapepac Diversion Dam Brgy. Mariposa, San Antonio, San Narciso	Project No.: AS SHOWN
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