

REPUBLIC OF THE PHILIPPINES  
**DEPARTMENT OF AGRICULTURE**  
REGIONAL FIELD UNIT NO.5  
SAN AGUSTIN, PILI, CAMARINES SUR.

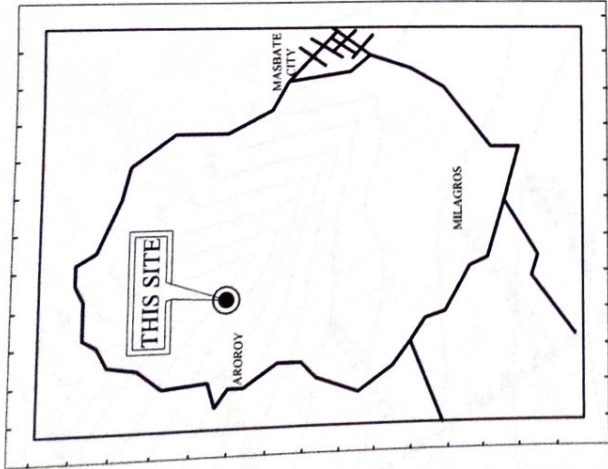
**PROJECT TITLE**

**CONSTRUCTION OF  
SAN ISIDRO SWTP**  
LOCATION: BRGY. SAN ISIDRO, ARROY, MASBATE

PREPARED BY:  
**RAED OFFICE**

# SHEET CONTENT :

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# LOCATION MAP

## DESIGN PARAMETER

**WATER SHED** : 40 hectares  
**POND AREA** : 1.50 hectares  
**DISCHARGE** : 0.126 cu.m./sec  
**SERVICE AREA** : 50 hectares  
**ACCESS ROAD** : 1,200 meters  
**EARTH EMBANKMENT (DAM)**

**WIDTH** : 6 meters  
**HEIGHT** : 12 meters  
**LENGTH** : 135 meters

**DIAMETER** : 0.35 meter  
**LENGTH** : 60 meters












**WIDTH** : 0.50 meter  
**HEIGHT** : 0.50 meter  
**LENGTH** :

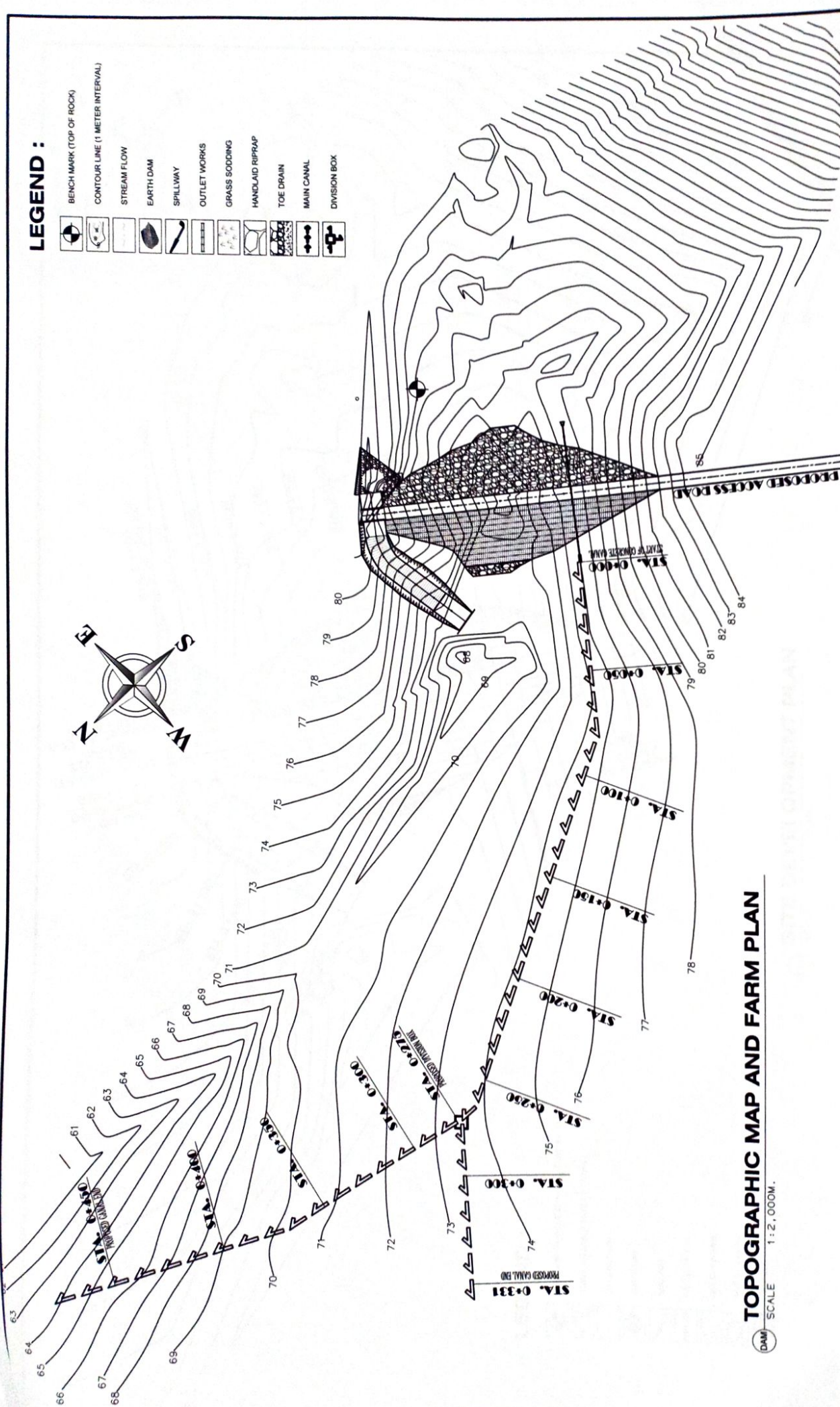
## OUTLET WORKS

## CANAL WORKS

	Prepared by: LEONIDAS L. BULALACAD, JR. Team Supervisor BERNARDO BONITO CUD-504	Checked by: ANTHONY A. EBONA Engineer II ANTHONY A. EBONA Engineer III	Reviewed by: GILBERT S. SAUCEDO CUD-504/505	Recommending Approval: LUZ R. MARCELINO RDT, for Operation and Maintenance	Approved by: RODEL P. TORNILLA, MABE Regional Executive Director	Name of Project: Construction of San Isidro SWIP Location: Brgy. San Isidro, Atarney, Masbate Sheet Contents: A.S. SHOWN
	Date: _____					

**LEGEND :**

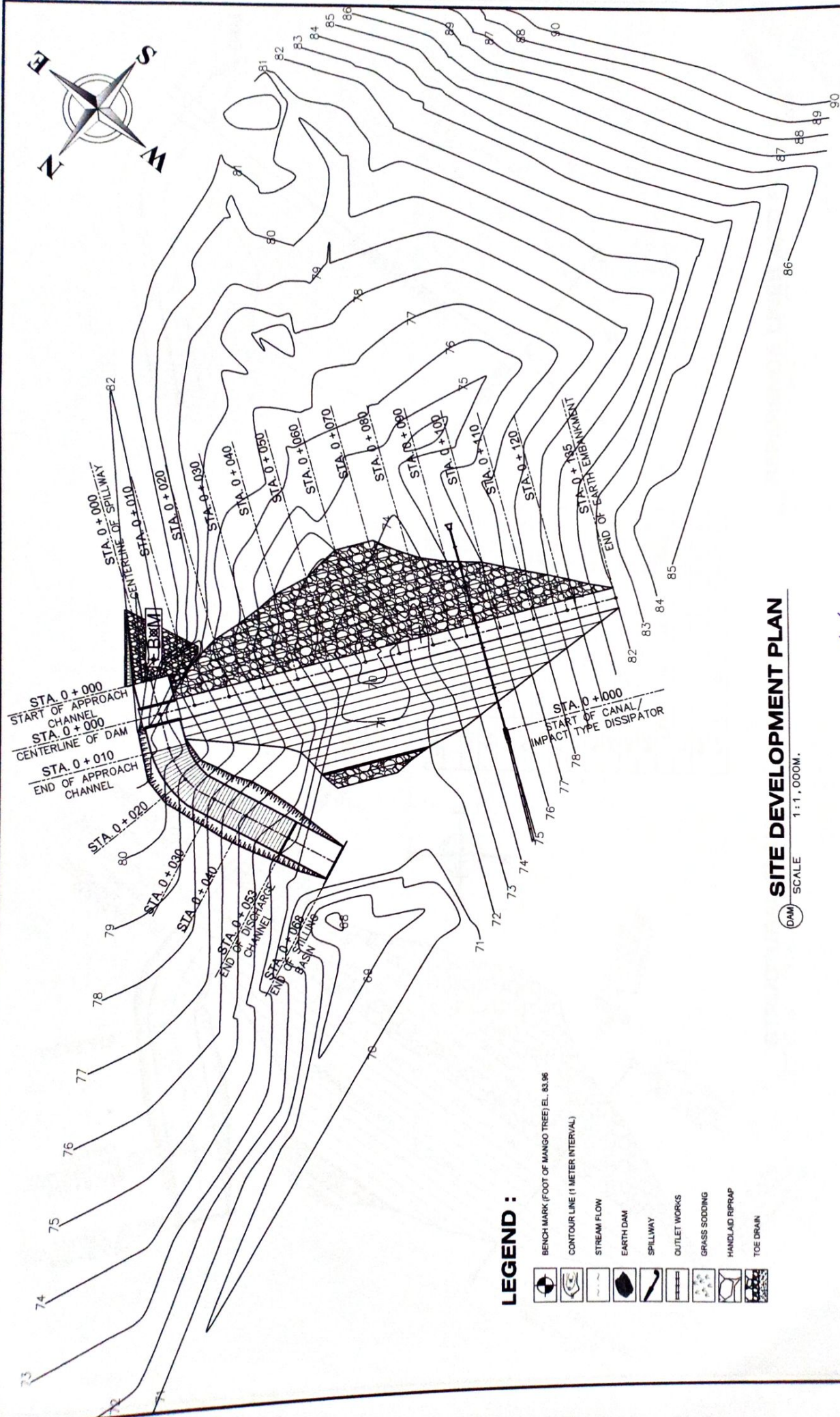
-  BENCH MARK (TOP OF ROCK)
-  CONTOUR LINE (1 METER INTERVAL)
-  STREAM FLOW
-  EARTH DAM
-  SPILLWAY
-  OUTLET WORKS
-  GRASS SODDING
-  HANDLAID RIPRAP
-  TOE DRAIN
-  MAIN CANAL
-  DIVISION BOX



**TOPOGRAPHIC MAP AND FARM PLAN**

SCALE 1:2,000M.

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>	<p>Prepared By: LEONIDES L. BULALACAO, JR. Farm Supervisor BEL JOSEPH D. BONITO CAD-3000</p>	<p>Checked by: ASPIRANTE MIRA Eng. II</p>	<p>Reviewed By: MERRY A. EROÑA Engr. III</p>	<p>Submitted by: GILBERT S. SACEDO DC - Chief EMD</p>	<p>Accounting Approval: LUZ R. MARCELINO RTD - In Operation and Extension</p>	<p>Approved by: RODEL P. TORNILLA, MABE Regional Executive Director</p>	<p>Name of Project: Construction of San Isidro SWIP</p> <p>Location: Brgy. San Isidro, Arocay, Masbate</p> <p>Sheet Contents: AS SHOWN</p>
<p>DATE: _____</p>		<p>Sheet No. _____</p>		<p>Scale: _____</p>		<p>Project No. _____</p>	

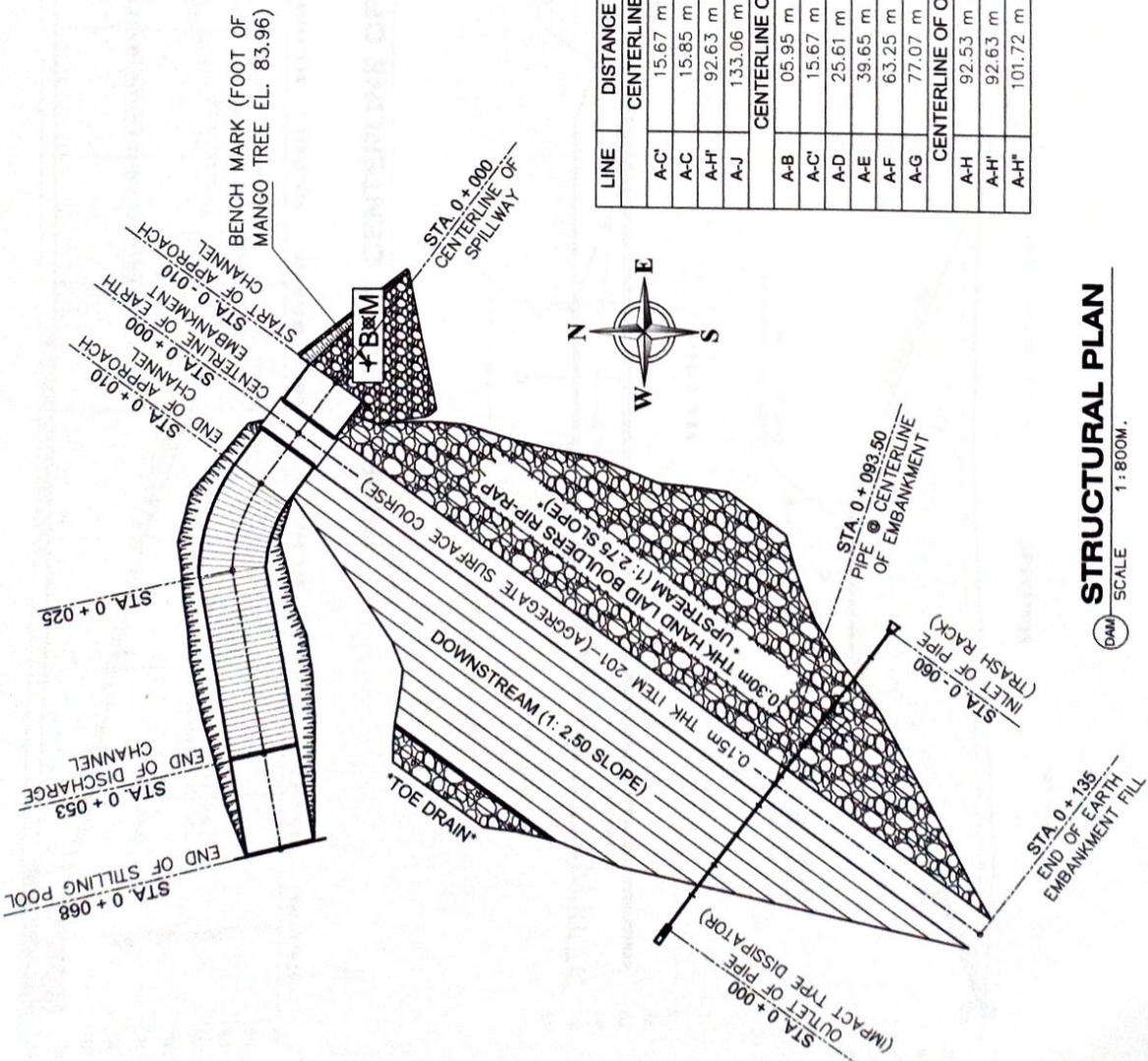


**LEGEND :**

- BENCH MARK (FOOT OF MANGO TREE) EL. 83.96
- CONTOUR LINE (1 METER INTERVAL)
- STREAM FLOW
- EARTH DAM
- SPILLWAY
- OUTLET WORKS
- GRASS SODDING
- HAND-LAID RIPRAP
- TOE DRAIN

**SITE DEVELOPMENT PLAN**  
 DAM SCALE 1:11,000M.

	Prepared by: <b>LEONIDES I. BULALAGA, JR.</b> <small>Team Supervisor</small> <b>BEL JOSEPH D. BONITO</b> <small>CAD-Eng.</small>	Checked by:  <b>ARVIN</b> <small>Eng. II</small>	Reviewed by:  <b>JIMMY A. EBONA</b> <small>Engr. III</small>	Submitted by:  <b>GILBERT S. SALCEDO</b> <small>Engr. Civil, RABD</small>	Recommending Approval: <b>LUIZ R. MARCELINO</b> <small>FEED for Operations and Maintenance</small>	Approved by: <b>RODEL P. TORNILLA, MABE</b> <small>Regional Executive Director</small>	Name of Project: <b>Construction of San Isidro SWIP</b>	Date: 	Drawn by: 	Sheet No.: 	AS SHOWN
	Location: <b>Brgy. San Isidro, Anvroy, Malabac</b>	Sheet Contain: 									



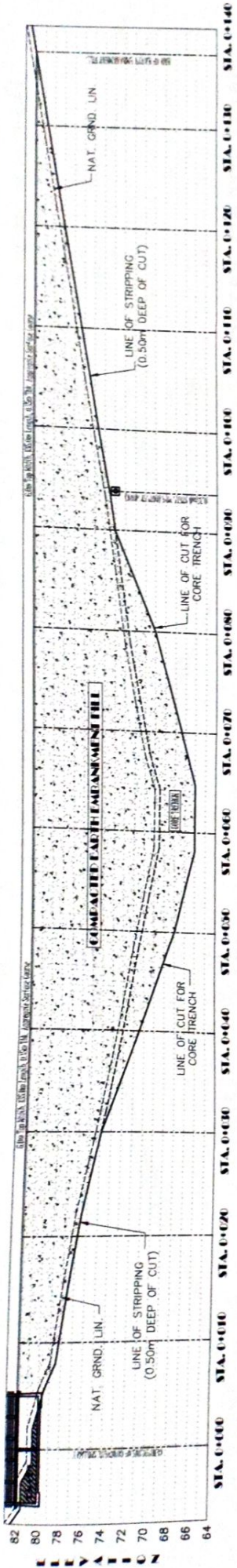
LINE	DISTANCE	BEARING
CENTERLINE OF DAM		
A-C'	15.67 m	N 45°23' W
A-C	15.85 m	N 65°28' E
A-H'	92.63 m	S 46°00' W
A-J	133.06 m	S 43°03' W
CENTERLINE OF SPILLWAY		
A-B	05.95 m	N 31°25' W
A-C'	15.67 m	N 45°23' W
A-D	25.61 m	N 48°36' W
A-E	39.65 m	N 57°37' W
A-F	63.25 m	N 75°25' W
A-G	77.07 m	N 80°12' W
CENTERLINE OF OUTLET WORKS		
A-H	92.53 m	S 26°50' W
A-H'	92.63 m	S 46°00' W
A-H''	101.72 m	S 62°25' W



**STRUCTURAL PLAN**  
SCALE 1:800M.

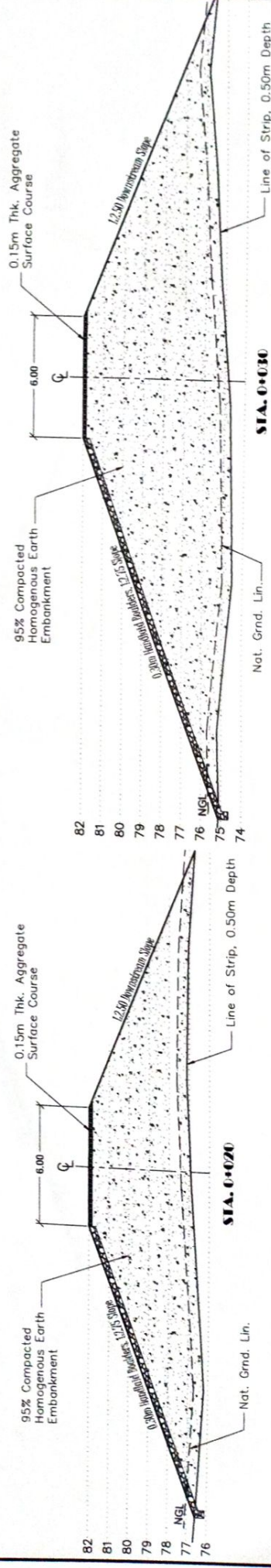
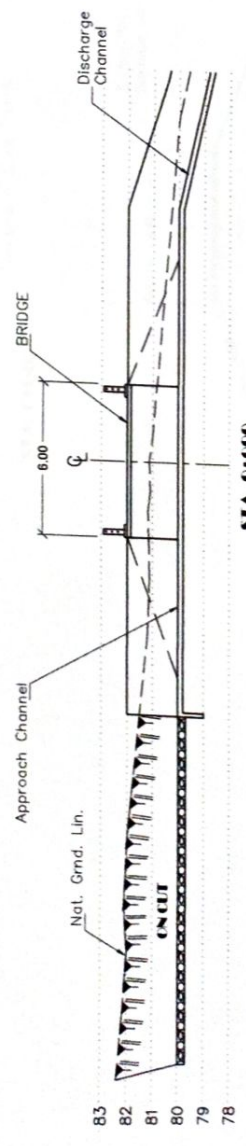
**REFERENCE LINES AND POINTS**  
SCALE 1:800M.

	Prepared by: LEONIDES L. BULALACAO, JR. <small>Team Secretary</small> BEL JOSEPH D. BORTO <small>Field Engineer</small>	Checked by: ARTHUR B. MIRA <small>Engr. II</small>	Reviewed by: JERRY A. EBONA <small>Engr. III</small>	Submitted by: GILBERT S. SALCEDO <small>Engr. - Civil, RAED</small>	Recommending Approval: LUIZ R. MARCELINO <small>ETD, in Operation and Maintenance</small>	Approved by: RODEL P. TORNILLA, MABE <small>Regional Executive Director</small>	Name of Project: Construction of San Isidro SWIP	Location: Brgy. San Isidro, Atoyac, Masbate	Sheet No.: AS SHOWN
	Date: _____	Scale: 1:800M	Drawing No.: _____	Project No.: _____	Date: _____	Date: _____	Date: _____	Date: _____	Date: _____



**PROFILE ALONG CENTERLINE OF EARTH EMBANKMENT**

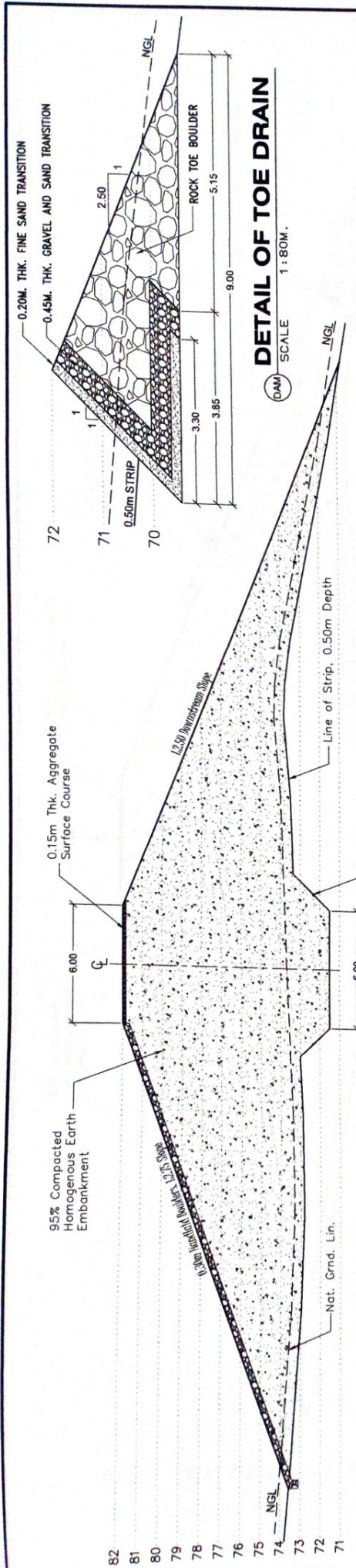
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**CROSS SECTION OF DAM EMBANKMENT**

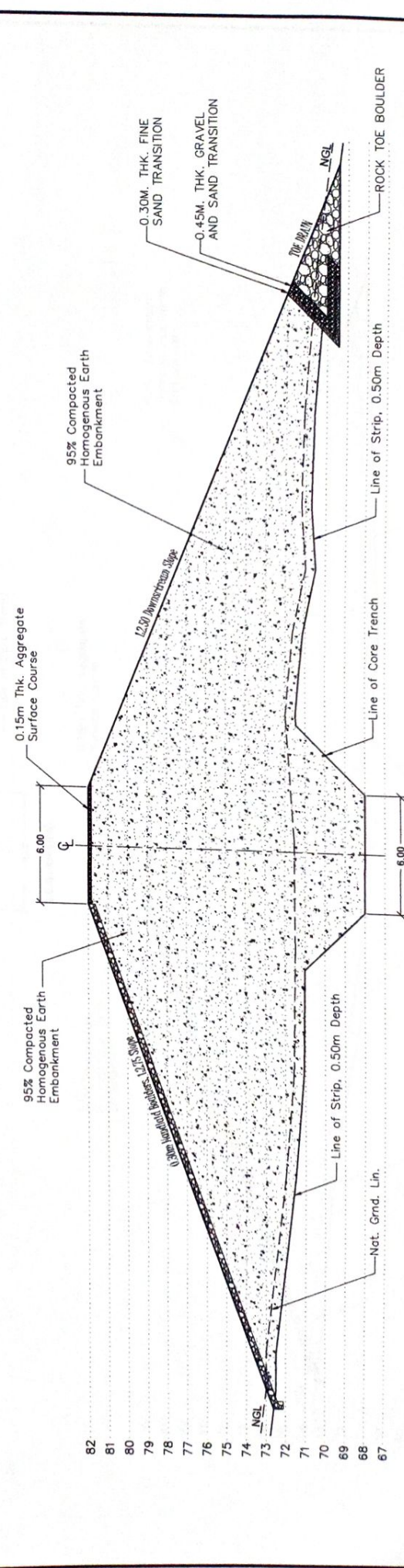
SCALE 1:200M.

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PALLANANES SUR</p>	<p>Prepared by: LEONIDAS I. BUIALACAO, JR. Team Supervisor BEL JOSEPH D. RONITO C.V. Level</p>	<p>Checked by: ARWINE MIRA Eng. II</p>	<p>Reviewed by: MERRY A. EBOSA EPSP, Level III</p>	<p>Submitted by: GILBERT S. S. ALCEDO Off. - Chief, BLD</p>	<p>Recommending Approval: LUZ R. MARCELO ETD for Operations and Extension</p>	<p>Approved by: RODEL P. TORNILLA, MAHE Regional Executive Director</p>	<p>Notes of Project: Construction of San Isidro SWIP</p>	<p>DATE: _____ Sheet No. 70 Sheet Count: _____</p>
	<p>AS SHOWN</p>							



**STA. C+040**

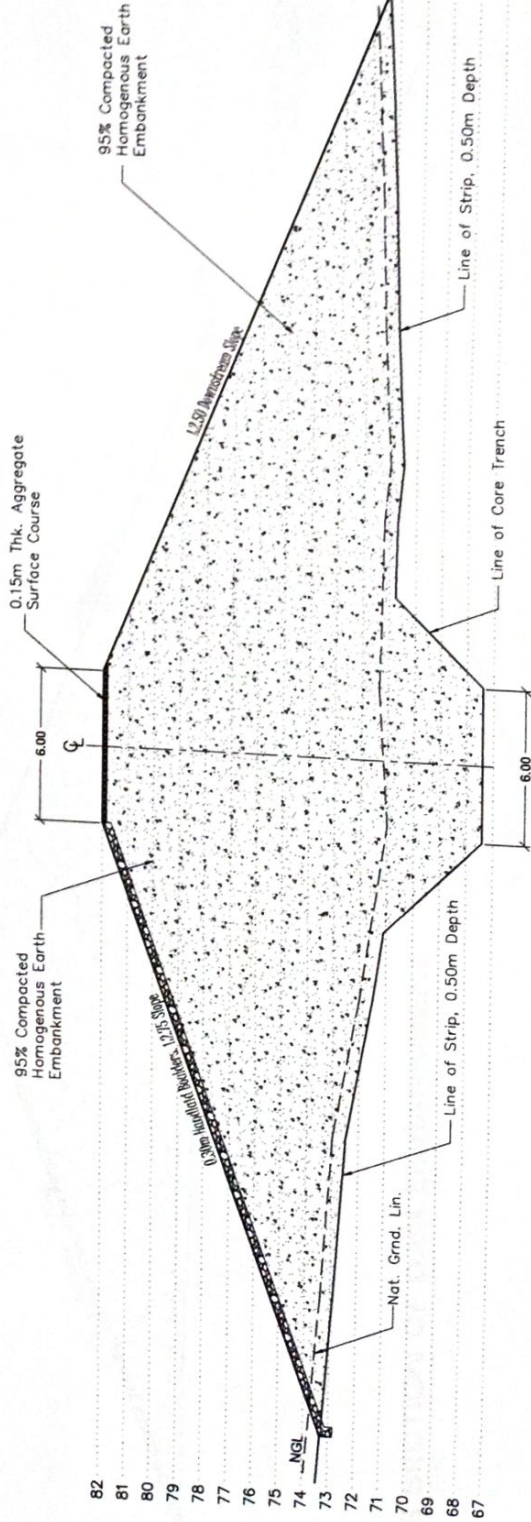
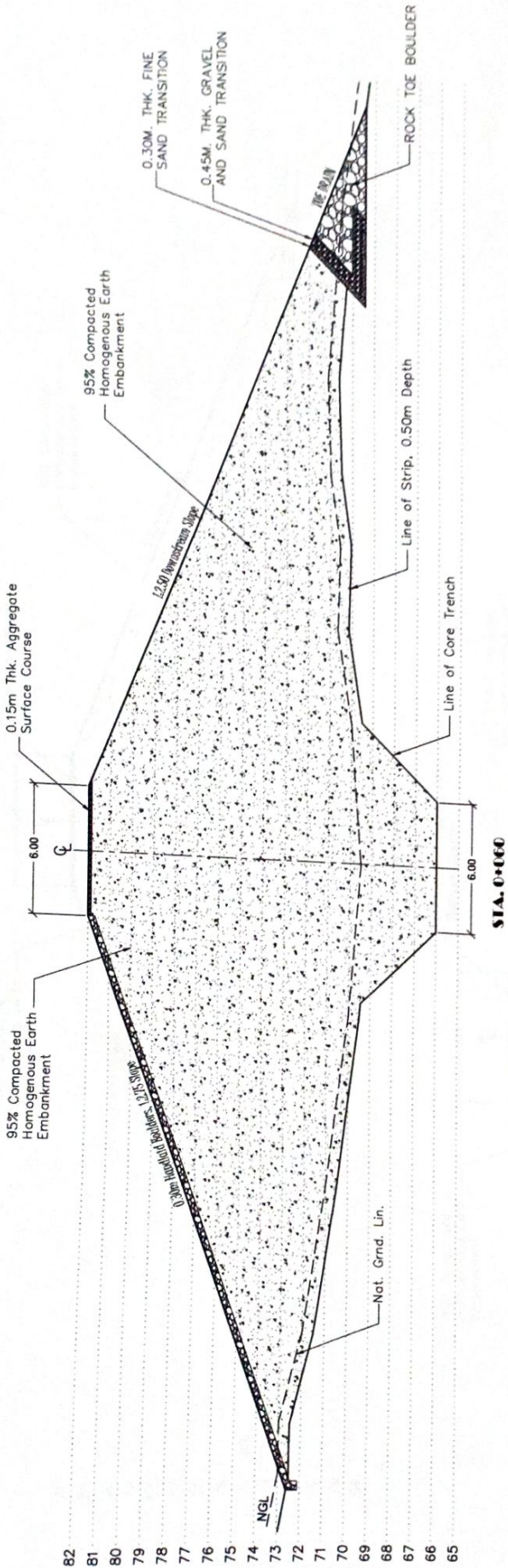
**DETAIL OF TOE DRAIN**  
DAM SCALE 1:80M.



**STA. C+050**

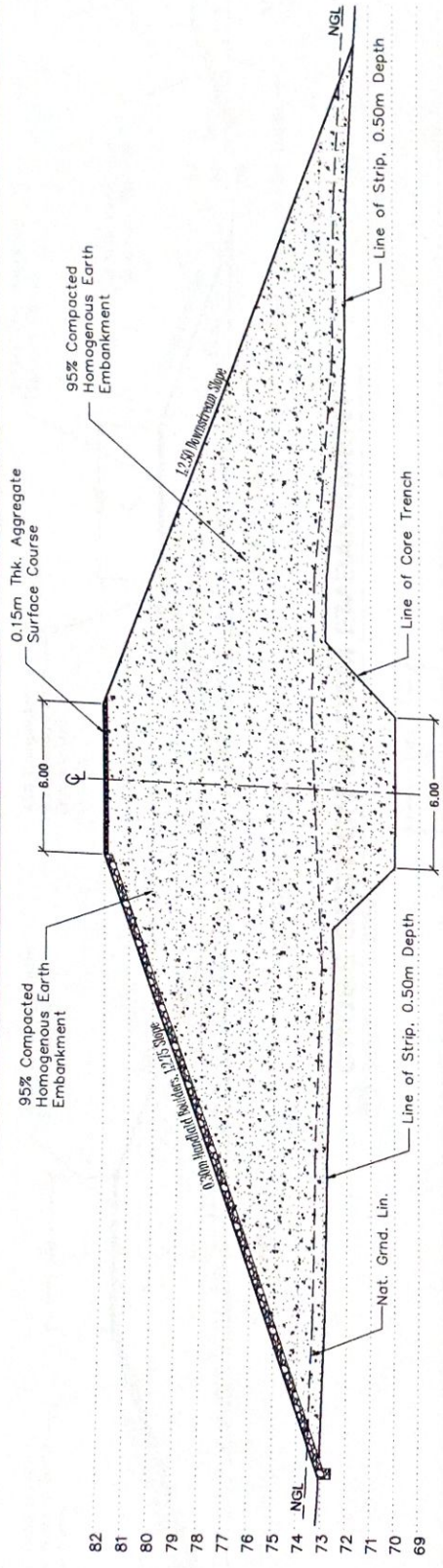
**CROSS SECTION OF DAM EMBANKMENT**  
DAM SCALE 1:200M.

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>	<p>Prepared by: LEONIDES L. BULALACAO, JR. Farm Engineer BEL JOSEPH D. BRUNTO C.O. Designer</p>	<p>Checked by: MIRIAM MIRA Eng. II</p>	<p>Reviewed by: HENRY A. EROSA Eng. III</p>	<p>Submitted by: GILBERTO S. SALCEDO OIC - Chief Road</p>	<p>Recommending Approval: LUZ R. MARCELINO RTD - for Operations and Maintenance</p>	<p>Approved by: RODEL P. TORNILLA, MARE Regional Executive Director</p>	<p>Name of Project: Construction of San Isidro SWIP</p>	<p>Location: Brgy. San Isidro, Anuroy, Masbate</p>	<p>Sheet No. AS SHOWN</p>	<p>DATE</p>
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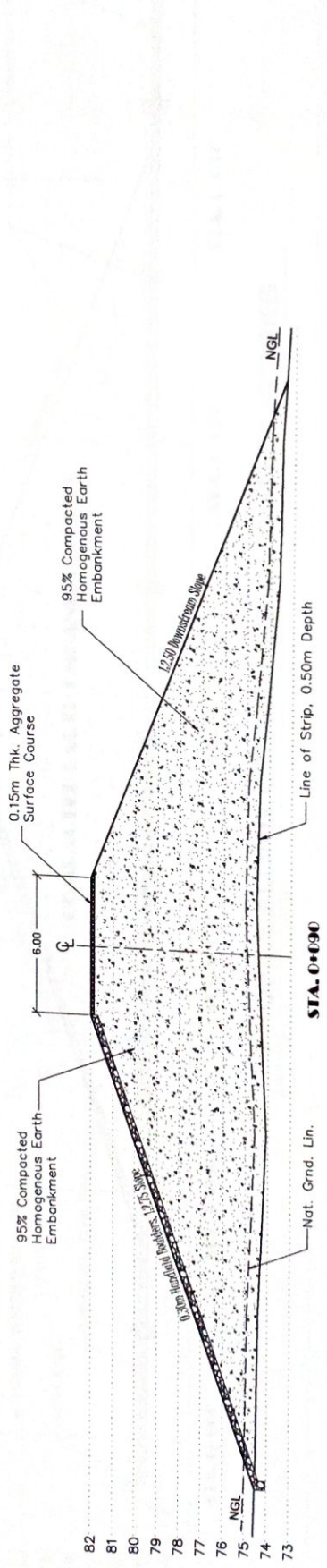


<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, P.I., CANANGYES SUR</p>	<p>Prepared by: LEONIDAS L. BELALACAO, JR. Farm Inspector BEL JOSEPH D. BUNTO CAD-Design</p>	<p>Checked by: ARJUN B. ABRA Eng. II</p>	<p>Approved by: HENRY A. EROSA ENR, Road, Eng. III</p>	<p>Submitted by: GILBERT S. SAMPEDRO Civil Engr.</p>	<p>Engineering Approval: LUZ R. MARCELENO RFD, In Operation and Extension</p>	<p>Approved by: RODEL P. TORNILLA, MARE Regional Executive Director</p>	<p>Name of Project: Construction of San Isidro SWIP</p>	<p>Location: Brgy. San Isidro, Arroyo, Malabate</p>	<p>Sheet No.: 70</p>	<p>Date: 2012</p>
	<p>AS SHOWN</p>									

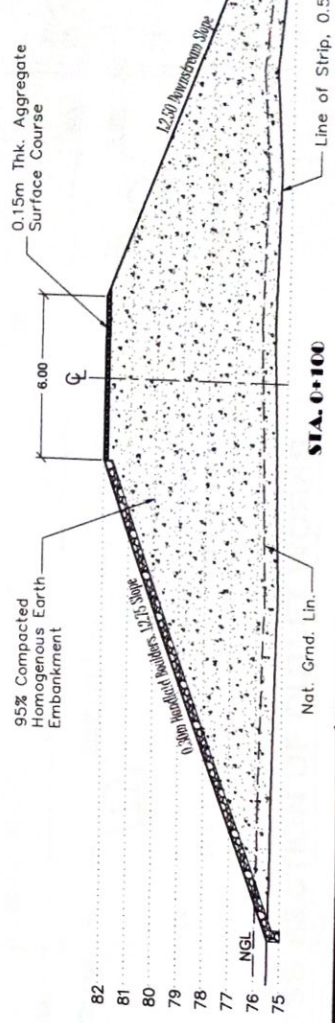




**STA. 0+080**



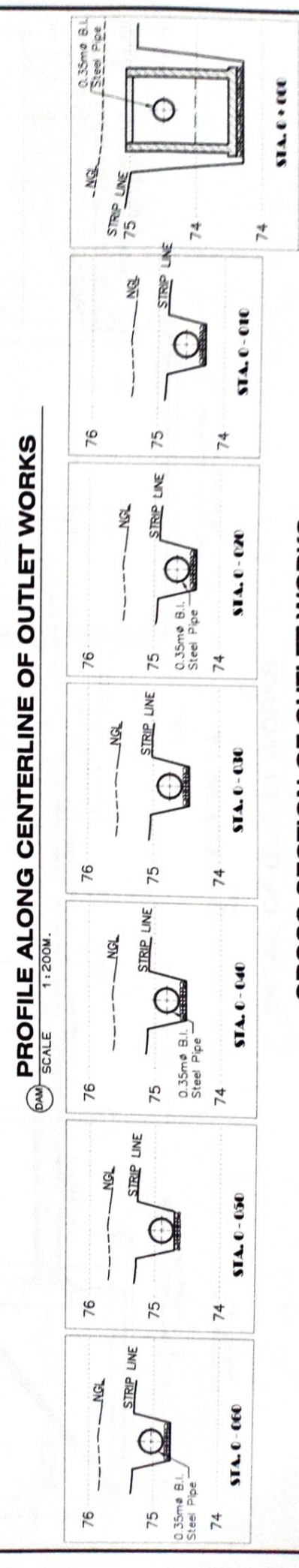
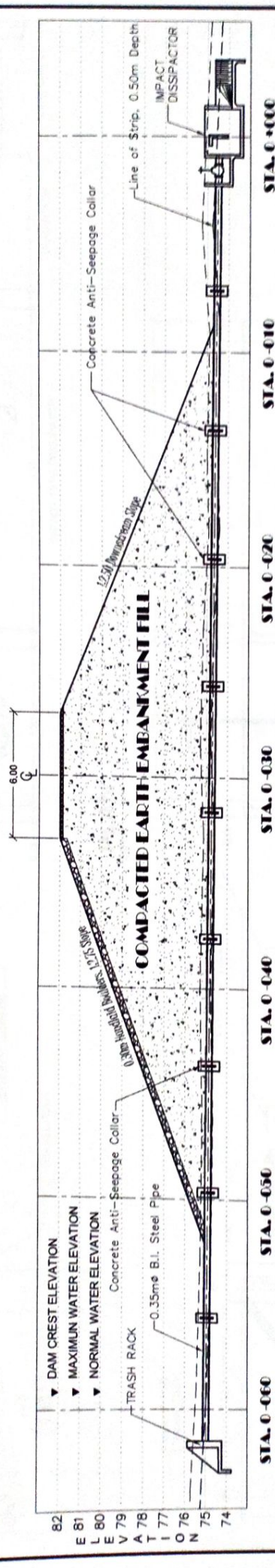
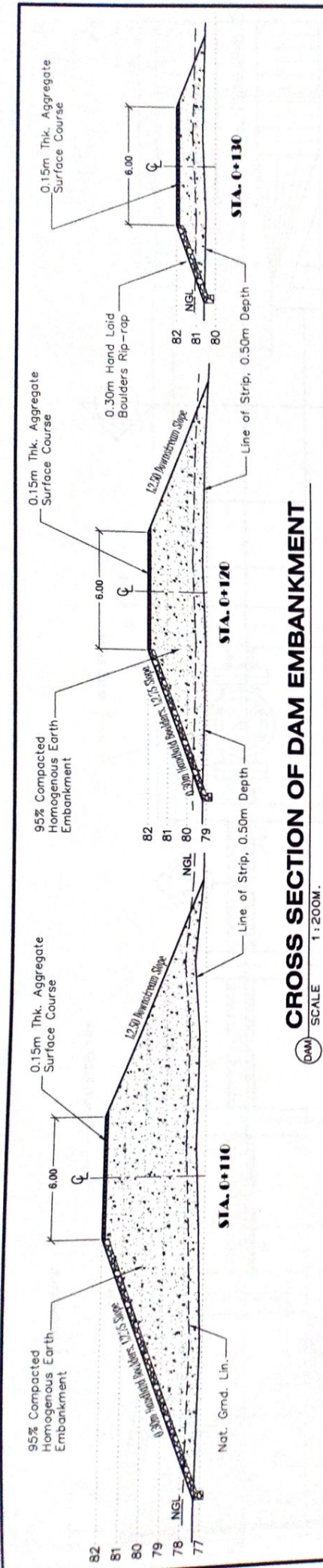
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**STA. 0+100**

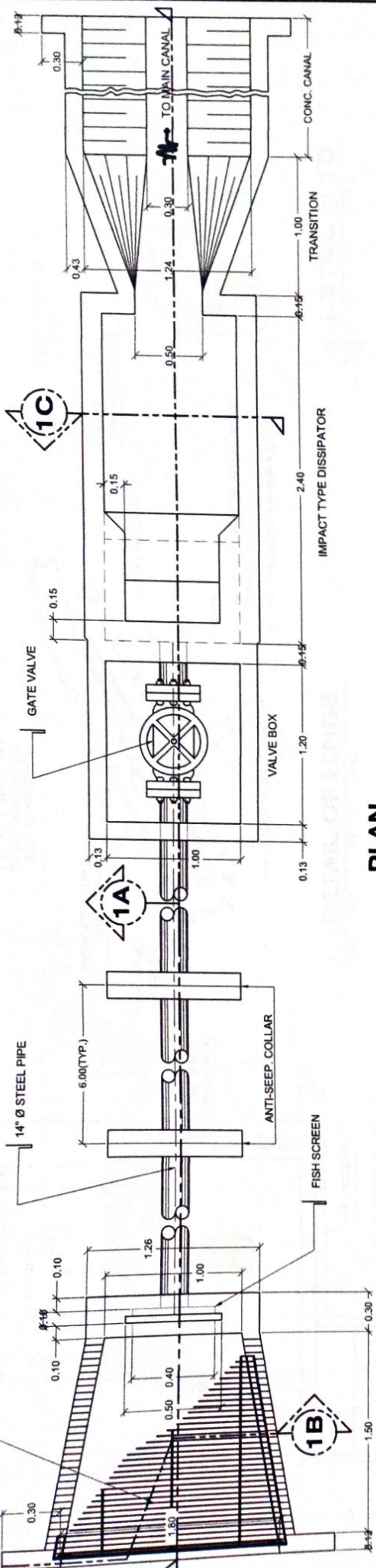
**CROSS SECTION OF DAM EMBANKMENT**  
SCALE 1:200M.

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILL, CAMARINES SUR</p>	<p>Prepared by: <b>LEONIDES L. BULALACAO, JR.</b> Farm Inspector <b>BEL JOSEPH D. BONITO</b> C.I.D. Insp.</p>	<p>Checked by: <b>ARTHUR B. MIRA</b> Eng. II</p>	<p>Reviewed by: <b>MARY A. EBONA</b> ETOS, Regional Unit III</p>	<p>Submitted by: <b>GIJUAN S. SALCEDO</b> Chief, RABD</p>	<p>Recommending Approval: <b>LUZ B. MARCELINO</b> RTD for Operation and Maintenance</p>	<p>Approved by: <b>RODIE P. TORNILLA, MARIE</b> Regional Executive Director</p>	<p>Name of Project: <b>Construction of San Isidro SWIP</b></p>	<p>Location: Brgy. San Isidro, Ateneo, Malabate</p>	<p>Client Category: AS SHOWN</p>
	<p>DATE</p>	<p>Sheet No.</p>	<p>Scale</p>	<p>Drawn by</p>	<p>Checked by</p>	<p>Reviewed by</p>	<p>Submitted by</p>	<p>Recommending Approval</p>	<p>Approved by</p>

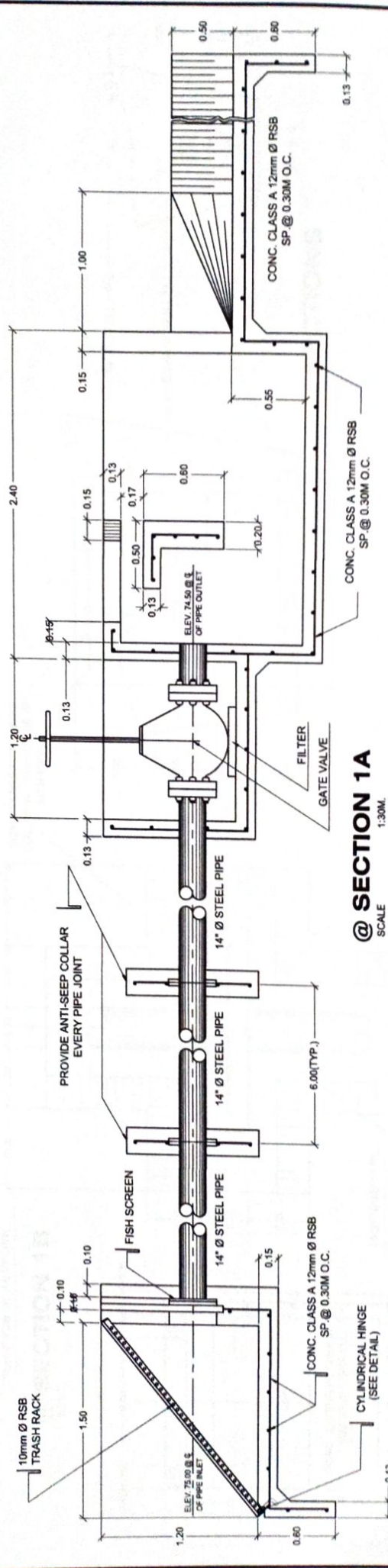


**REPUBLIC OF THE PHILIPPINES**  
**DEPARTMENT OF AGRICULTURE**  
**REGIONAL FIELD UNIT NO. 5**  
SAN AGUSTIN, PALI CAMARINES SUR

Prepared by: LEONIDES I. BELALACAO, JR.  
Checked by: ARTHUR R. MIRKA  
Reviewed by: JENNY A. ERONA  
Approved by: GILBERT S. SALCEDO  
Submitted by: LUIZ R. MARTEIANO  
Approved by: ROSE P. TURNILLA, MAIRE  
Checked by: MARY S. CHAVEZ  
Construction of San Isidro SWIP  
Location: P.S. San Isidro, Agostin, Marikina  
Date: \_\_\_\_\_  
Drawing No. \_\_\_\_\_  
AS SHOWN



**PLAN**  
SCALE 1:30M.



**@ SECTION 1A**  
SCALE 1:30M.

**1**  
SCALE A15 AS SHOWN



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

Prepared by:  
LEONIDES L. BELALACAO, JR.  
Team Supervisor  
BEL. JOSEPH D. MONITO  
E.O. 1994

Checked by:  
AGUSTIN M. BELALACAO, JR.  
Page 8

Reviewed by:  
JERRY A. EBONIA  
Regional Engineer III  
Page 8

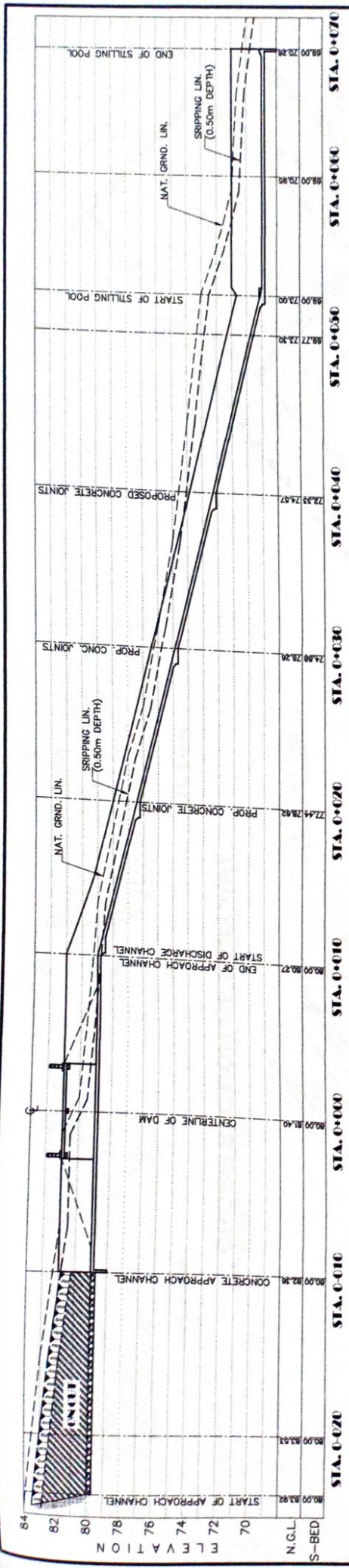
Submitted by:  
GILBERT SALSICEDO  
E.O. 1994

Recommending Approval:  
LUZ R. MARCELIÑO  
E.O. 1994  
E.O. 1994

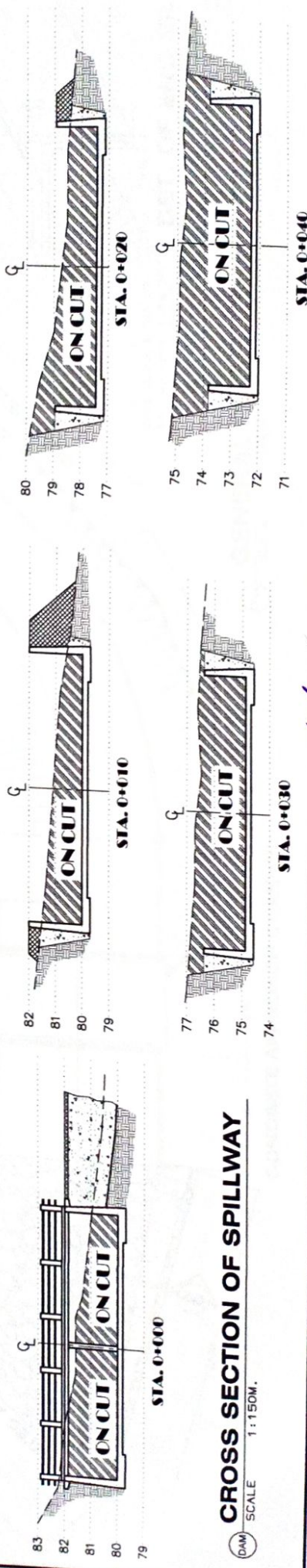
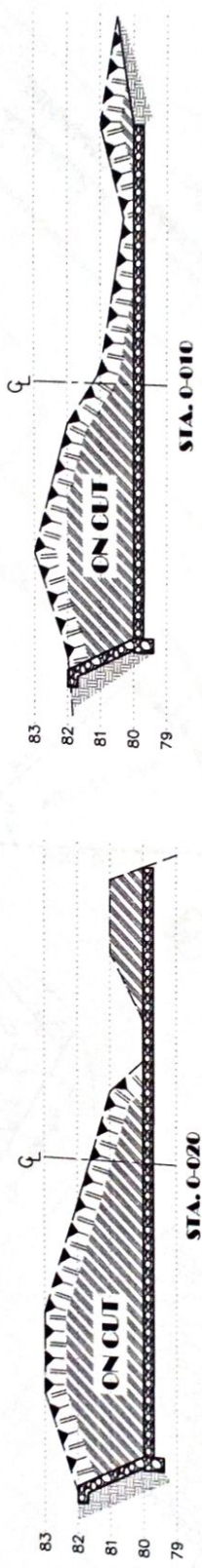
Approved for:  
RODEL P. TORNELLA, MARE  
Regional Executive Director

Construction of San Isidro SWIP  
Location: Bay, San Isidro, Arroyo, Marikina  
Sheet Contents: AS SHOWN



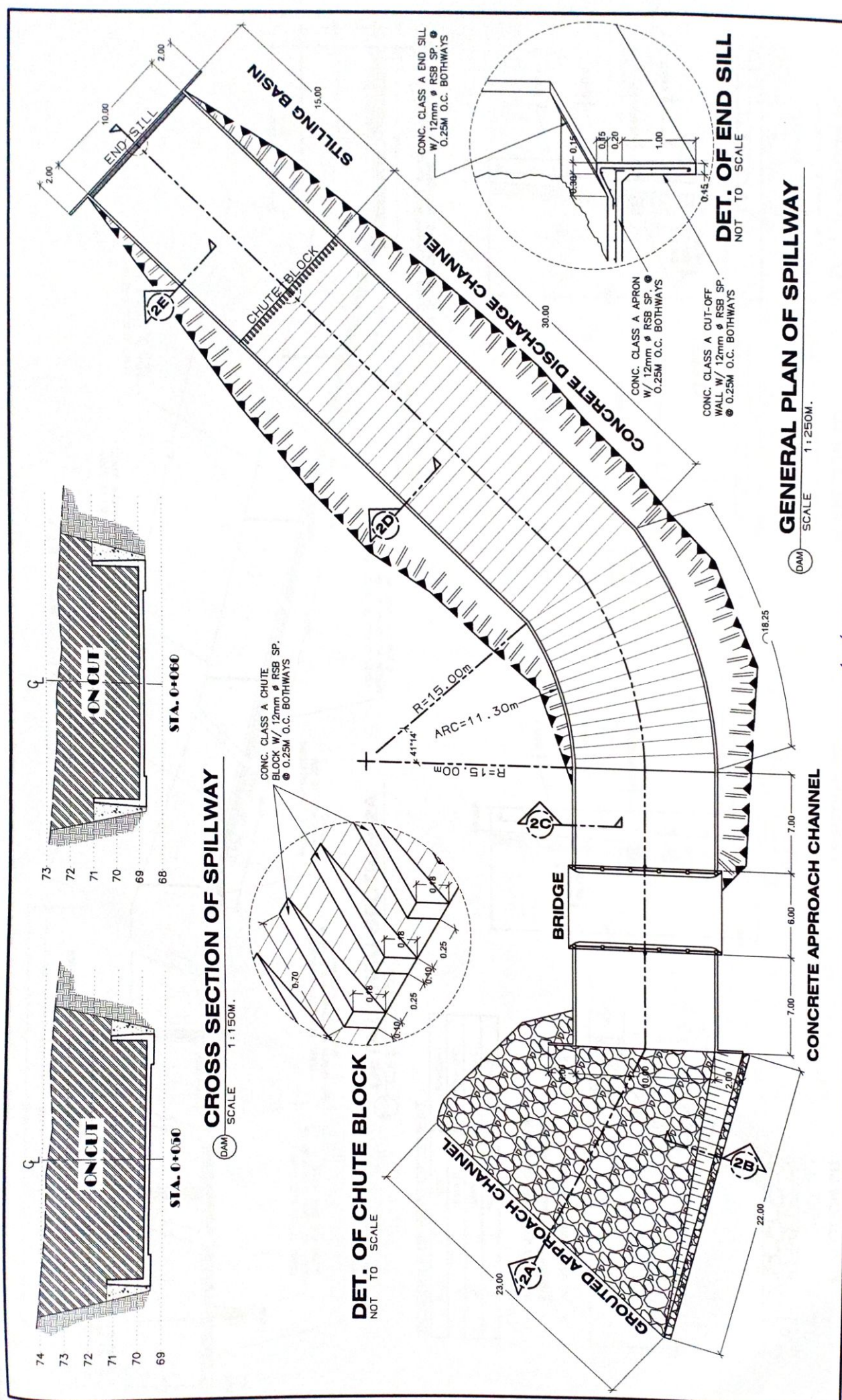


**PROFILE ALONG CENTERLINE OF SPILLWAY**  
 DAM SCALE 1:250M.

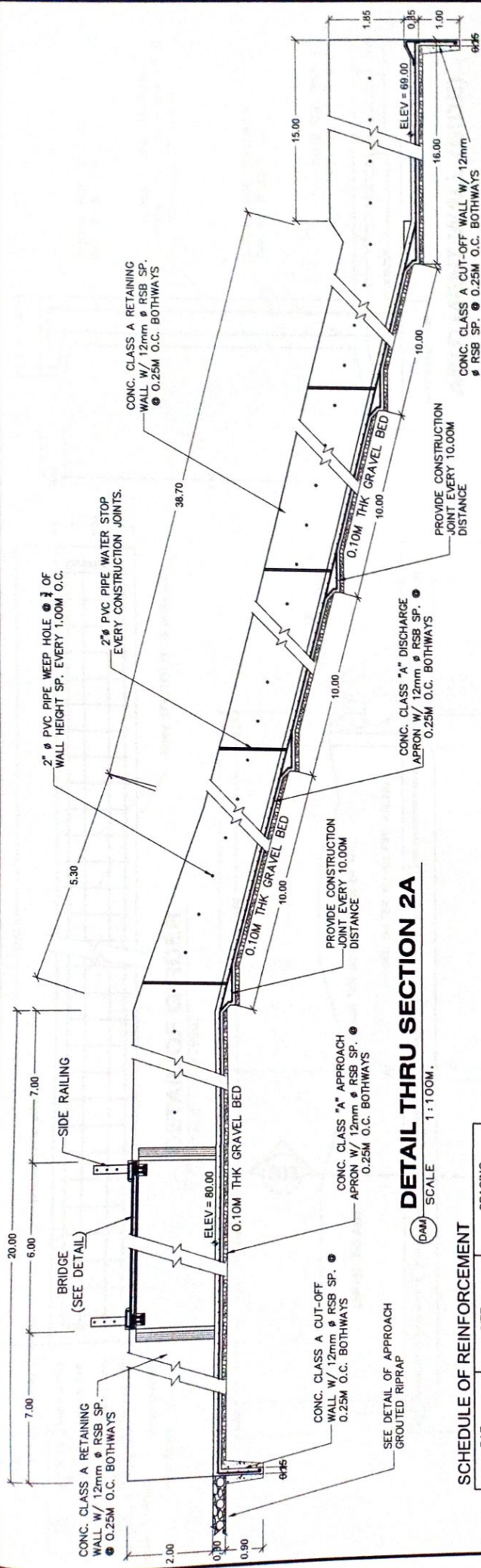


**CROSS SECTION OF SPILLWAY**  
 DAM SCALE 1:150M.

<p>REPUBLIC OF THE PHILIPPINES          DEPARTMENT OF AGRICULTURE          REGIONAL FIELD UNIT NO. 5          SAN AGUSTIN, PALI, CAMARINES SUR</p>	<p>Prepared by:          LEONIDES L. BULALACAO, JR.          Team Supervisor          BEL JOSEPH D. BONITO          (CAD Operator)</p>	<p>Checked by:          ARTHUR MIRA          Page II</p>	<p>Reviewed by:          JERRY A. ERONA          TITUS MIRA, Page III</p>	<p>Submitted by:          GIMBERT S. MALCEDO          - Chief CAD</p>	<p>Recommending Approval:          LUZ R. MARCELINE          PTD, in Operation and Extension</p>	<p>Approved by:          RODEL P. TORNILLA, MARE          Regional Executive Director</p>	<p>Name of Project:          Construction of San Isidro SWIP</p> <p>Location:          Brgy. San Isidro, Aveya, Masbate</p> <p>Sheet Contents:          AS SHOWN</p>	<p>Drawn by:          [Signature]</p> <p>Date:          [Blank]</p> <p>Sheet No.:          [Blank]</p>
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 <b>REPUBLIC OF THE PHILIPPINES</b> <b>DEPARTMENT OF AGRICULTURE</b> <b>REGIONAL FIELD UNIT NO. 5</b> SAN AUGUSTIN, PILI, CAMARINES SUR	Prepared by: <b>LEONIDAS L. BULALACAO, JR.</b> <small>Field Engineer</small> <b>REL JOSEPH D. BANTO</b> <small>CAD Designer</small>	Checked by:  <b>ARTHUR B. MIRA</b> <small>Engr. II</small>	Reviewed by:  <b>JENNY A. EBONA</b> <small>Engr. III</small>	Submitted by:  <b>GILBERT SALSCEDO</b> <small>Engr. Civil, R.O.C.D.</small>	Recommending Approval: <b>LUIZ R. MARCELINO</b> <small>RETD. for Operations and Extension</small>	Approved by: <b>RODEL P. TORNILLA, MARE</b> <small>Regional Executive Director</small>	Name of Project: <b>Construction of San Isidro SWIP</b>	
	Date: _____	Name of Engineer: _____	Location: Brgy. San Isidro, Avaray, Malabute	Sheet No.: _____	Sheet Count: _____	Status: AS SHOWN	Project No.: 	Date: _____
	Scale: 1:250M.	Drawing Title: <b>GENERAL PLAN OF SPILLWAY</b>	Scale: 1:150M.	Drawing Title: <b>CROSS SECTION OF SPILLWAY</b>	Drawing Title: <b>DET. OF CHUTE BLOCK</b>	Drawing Title: <b>DET. OF END SILL</b>	Drawing Title: <b>CONCRETE APPROACH CHANNEL</b>	Drawing Title: <b>ONCUT</b>
	DAM SCALE 1:250M.							

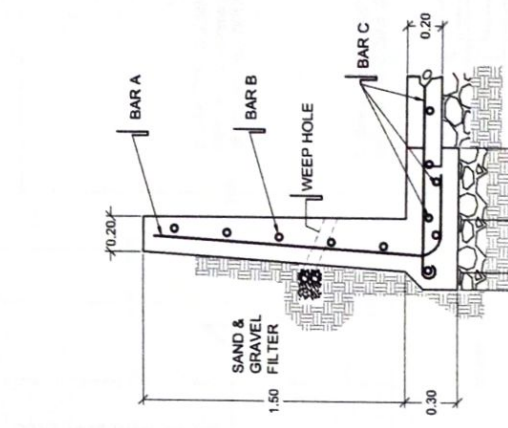
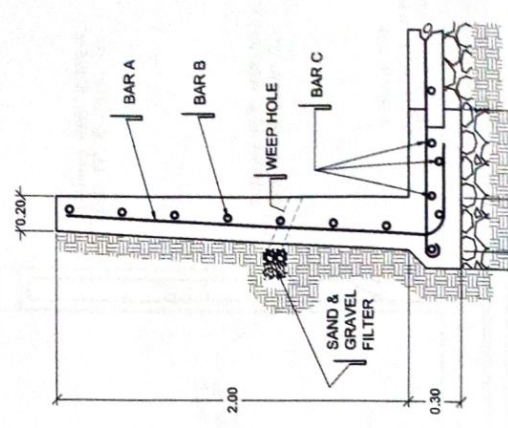
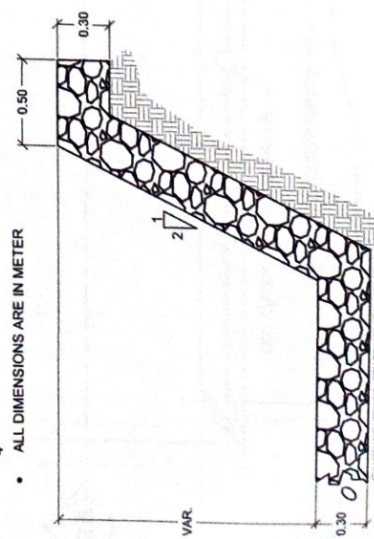


**DETAIL THRU SECTION 2A**  
SCALE 1:100M.

**SCHEDULE OF REINFORCEMENT**

BAR	SIZE	SPACING
A	12mm $\phi$	0.25m O.C.
B	12mm $\phi$	0.25m O.C.
C	10mm $\phi$	0.25m O.C.

- NOTE:
- PROVIDE 2"  $\phi$  PVC PIPE WEEP HOLE @  $\frac{3}{4}$  HEIGHT OF CHANNEL WALL HEIGHT
  - ALL DIMENSIONS ARE IN METER



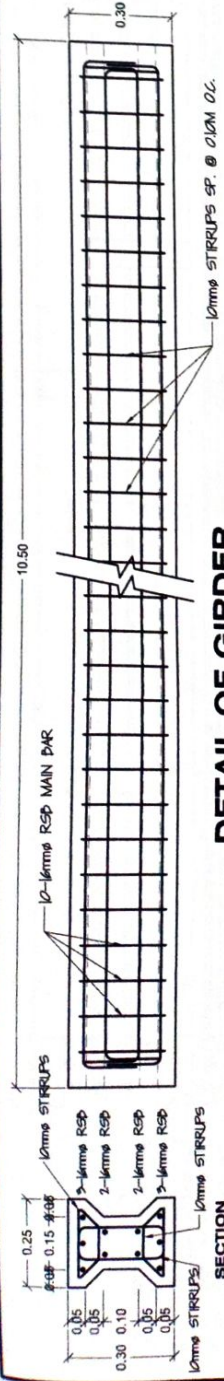
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**@ SECTION 2D**

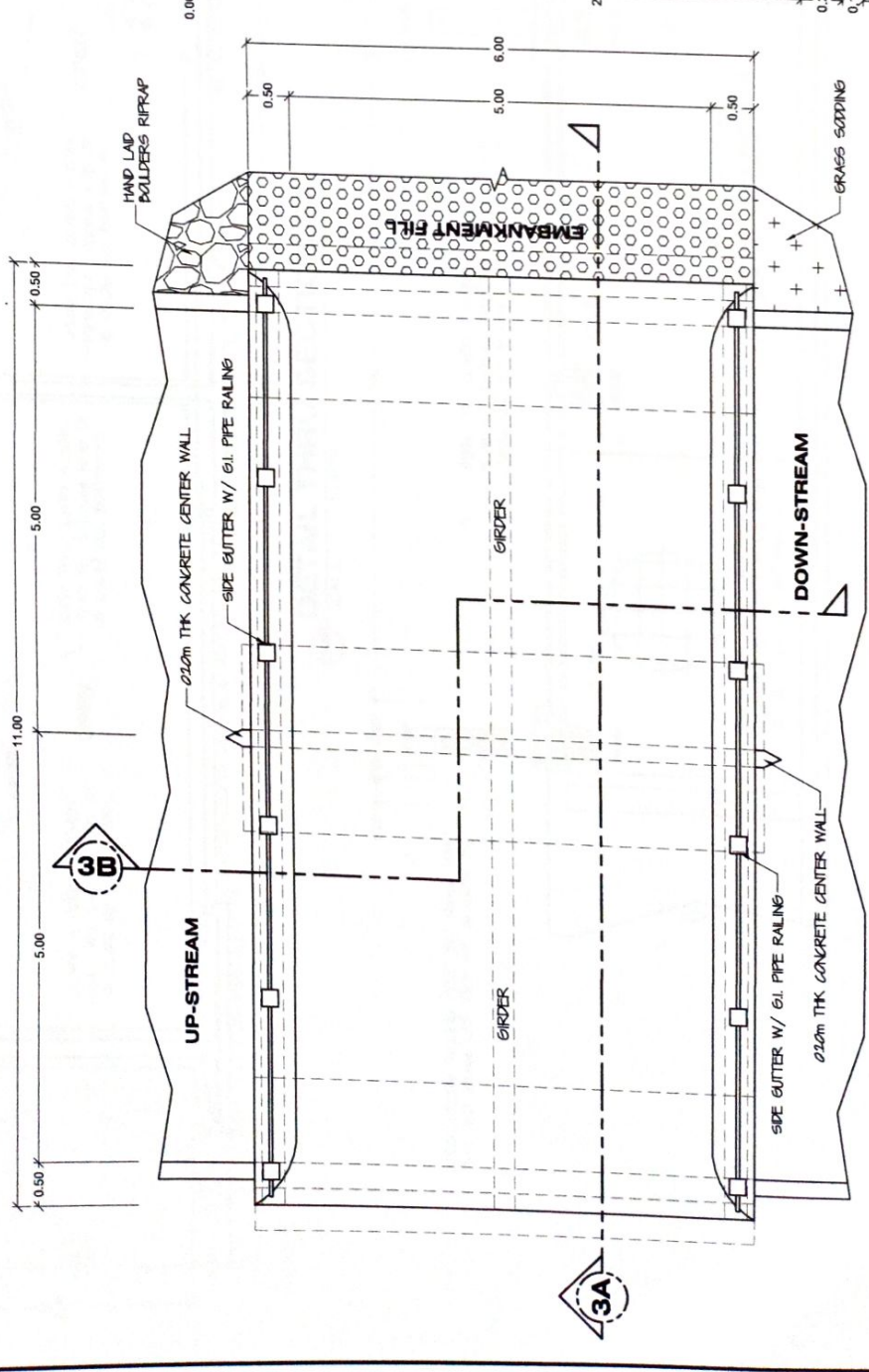
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**@ SECTION 2E**

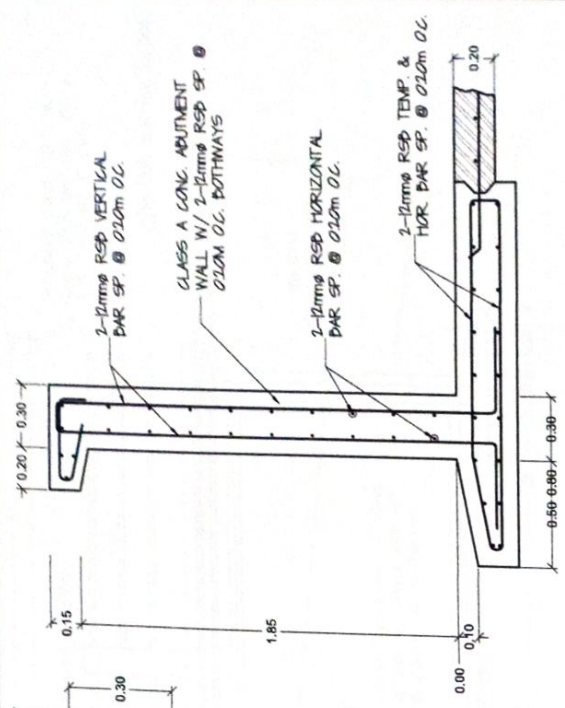
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>	Prepared by:	LEONIDAS L. BULALACAG, JR. Farm Representative	Checked by:	ATYORAL MIRA Engr. II	Submitted by:	GUILLERMO L. CALCEDO Chief, BSED	Recommending Approval:	LUZ R. MARCEINO RTD for Operations and Extension	Approved by:	RODEL P. TORNELA, MAHE Regional Executive Director	Name of Project:	Construction of San Isidro SWIP	City:	
											Location:	Bygo, San Isidro, Avaray, Marabac	Date:	
												Sheet No.:		
												Sheet Contents:	AS SHOWN	



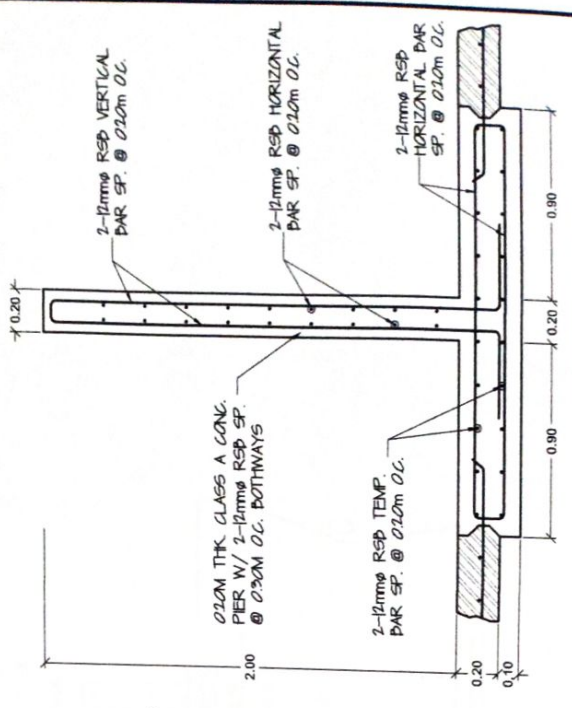
**DETAIL OF GIRDER**  
SCALE 1:1.5M



**GENERAL PLAN OF BRIDGE**  
SCALE 1:60M



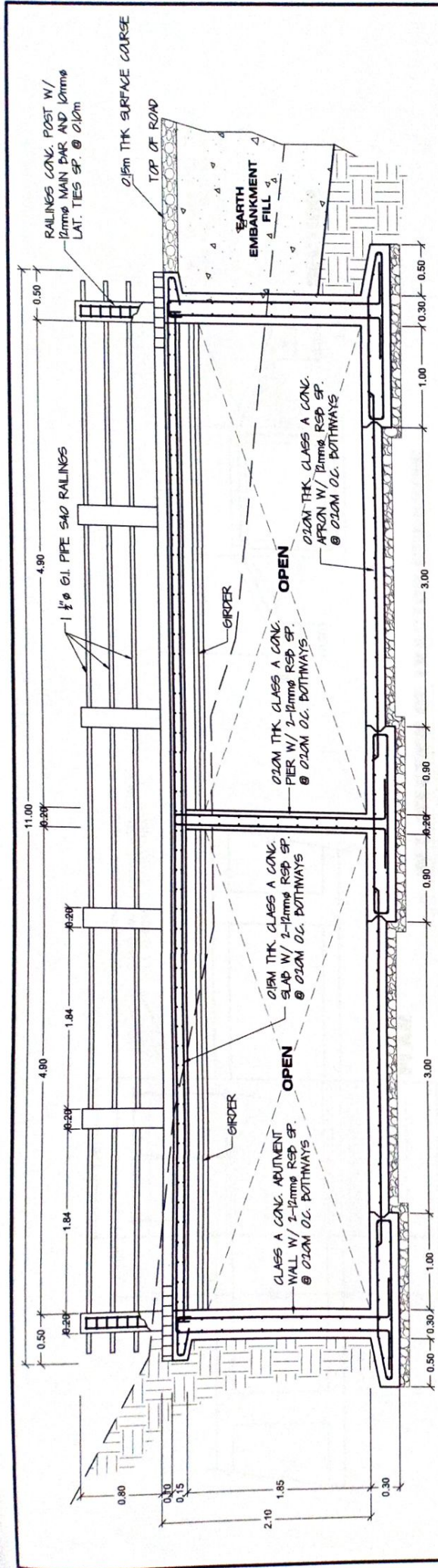
**ABUTMENT WALL (SIDE)**



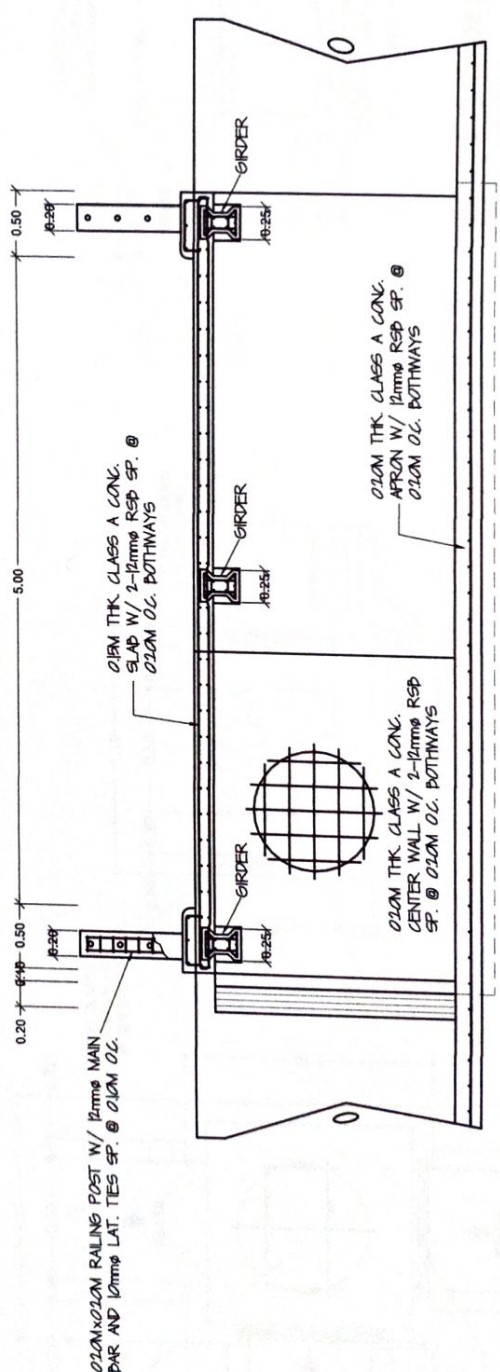
**CENTER WALL**

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>	<p>Prepared by <b>LEONIDES L. RULALACAO, JR.</b> Team Supervisor</p>	<p>Checked by <b>ARPA MIRA</b> Eng. II</p>	<p>Reviewed by <b>MARY A. EROSA</b> EIT/BSCE, Reg. III</p>	<p>Submitted by <b>GILBERTO S. SANTIAGO</b> CEIT (Civil, R. III)</p>	<p>Recommending Approval <b>LUIZ R. MARCELINO</b> EIT/BSCE for Operation and Maintenance</p>	<p>Approved by <b>RODEL P. TORNILLA MADE</b> Regional Executive Director</p>	<p>Title of Project <b>Construction of San Isidro SWP</b></p>	<p>Location Brgy. San Isidro, Anoy, Masbate</p>	<p>Sheet No. AS SHOWN</p>
	<p>DATE</p>	<p>SCALE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>



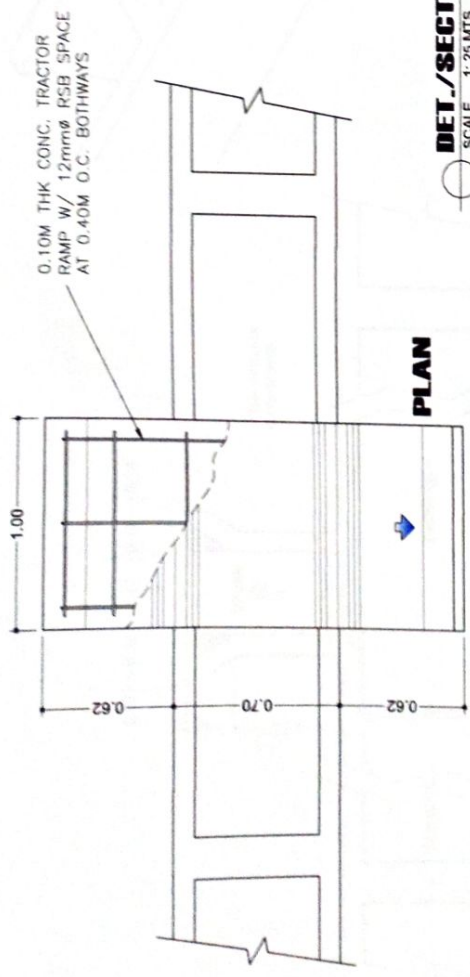


**DETAIL THRU SECTION 3A**  
DAM SCALE 1 : 4.0M.

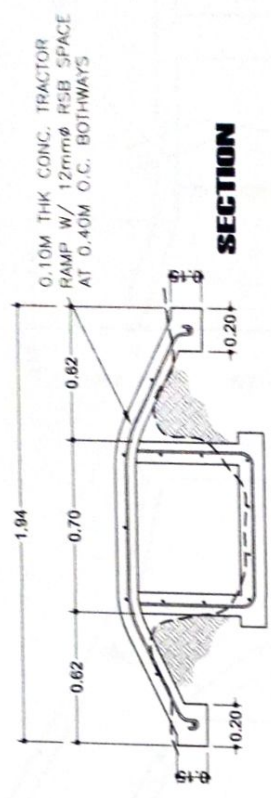


**DETAIL THRU SECTION 3B**  
DAM SCALE 1 : 4.0M.

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PALAWAN, CAMARINES SUR</p>		Prepared by:	Checked by:	Reviewed by:	Submitted by:	Recommending Approval:	Approved by:	Name of Project:	
		LEONIDAS L. BULALACAO, JR. Field Engineer	ANTHONY B. MIRA Eng. II	JERRY A. EBONA Engr. III ELECTRICAL ENGINEER	GILBERT S. SANDOVAL Engr. III CIVIL ENGINEER	LUZ F. MARCELIANO RTD, for Operations and Extension	RODEL P. TORNILLA, MABE Regional Executive Director	Construction of San Isidro SWIP	Location:
BEL JOSEPH B. BUONITO C.V.D. Engr.		0.20m THK CLASS A CONC. CENTER WALL W/ 2-12mm <sup>Ø</sup> RSB SP. @ 0.20m O.C. POTHOWAYS	0.20m THK CLASS A CONC. PIER W/ 2-12mm <sup>Ø</sup> RSB SP. @ 0.20m O.C. POTHOWAYS	0.20m THK CLASS A CONC. SLAB W/ 2-12mm <sup>Ø</sup> RSB SP. @ 0.20m O.C. POTHOWAYS	0.20m THK CLASS A CONC. APRON W/ 2-12mm <sup>Ø</sup> RSB SP. @ 0.20m O.C. POTHOWAYS	0.20m THK CLASS A CONC. PIER W/ 2-12mm <sup>Ø</sup> RSB SP. @ 0.20m O.C. POTHOWAYS	0.20m THK CLASS A CONC. APRON W/ 2-12mm <sup>Ø</sup> RSB SP. @ 0.20m O.C. POTHOWAYS	Location: San Isidro, Auroyo, Mabalate Sheet Comments: AS SHOWN	



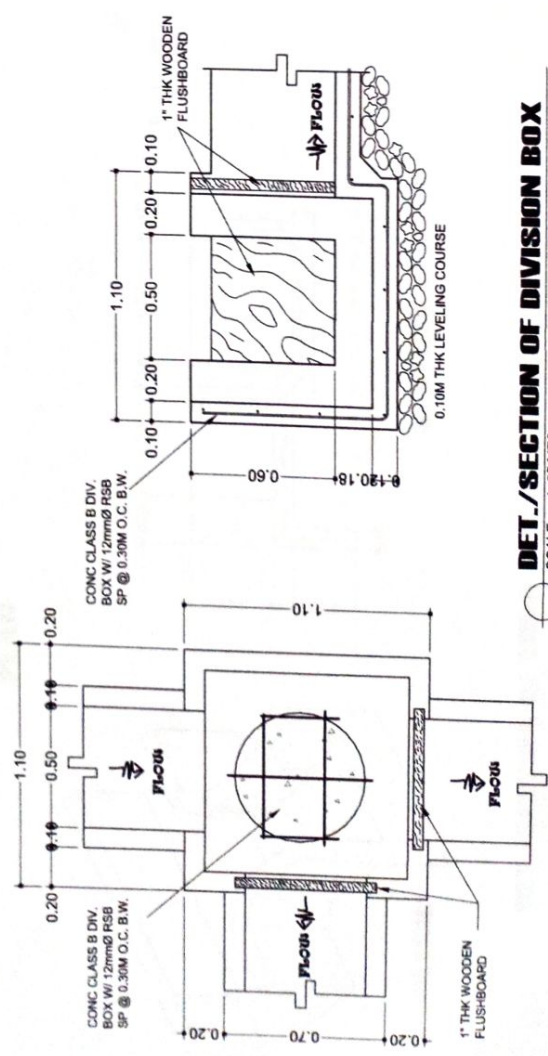
**PLAN**



**SECTION**

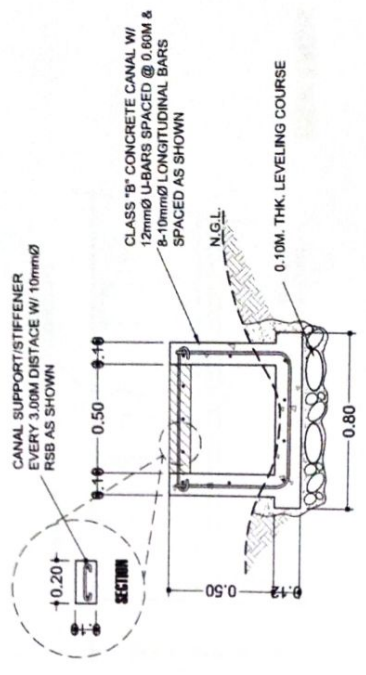
**DET./SECTION OF TRACTOR CROSSING**

SCALE 1:25 MTS



**DET./SECTION OF DIVISION BOX**

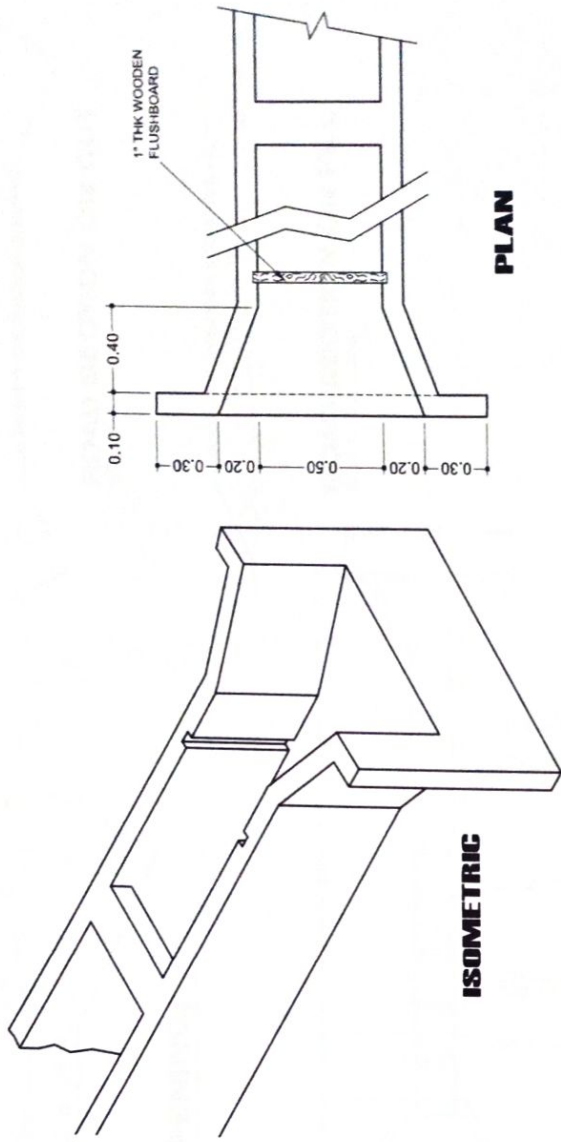
SCALE 1:25 MTS



**DET./SECTION OF CONG. CANAL**

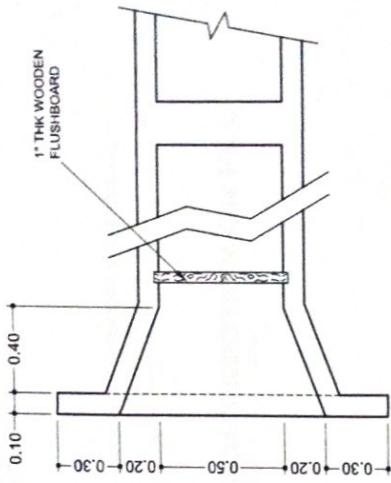
SCALE 1:25 MTS

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILA, CAGAYAN SUR</p>	<p>Prepared by: <b>LEONIDES L. BULALACAO, JR.</b> Farm Supervisor</p> <p>Checked by: <b>ARTHUR B. MIRA</b> Eng. II</p>	<p>Reviewed by: <b>JERRY A. EROSA</b> EISS, Reg. Engr. III</p>	<p>Submitted by: <b>GILBERT S. CEDO</b> Asst. Chief, RFD</p>	<p>Recommendatory Approval: <b>LUIZ R. MARCELINO</b> RTO for Operation and Extension</p>	<p>Approved by: <b>RODEL P. TORNITILLA, MAE</b> Regional Executive Director</p>	<p>Name of Project: <b>Construction of San Isidro SWIP</b></p> <p>Location: Brgy. San Isidro, Arroyo, Masbate</p> <p>Sheet Number: 7</p> <p>AS SHOWN</p>
	<p>DATE: _____</p> <p>Sheet No. _____</p>					

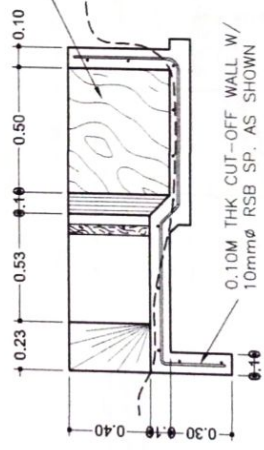


**ISOMETRIC**

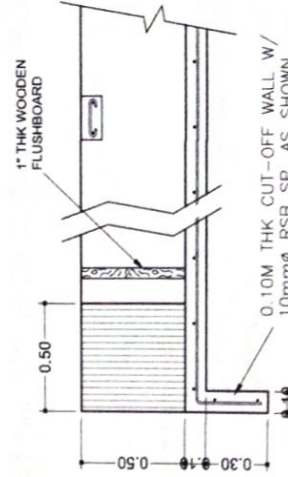
**PLAN**



**ISOMETRIC**



**SECTION**

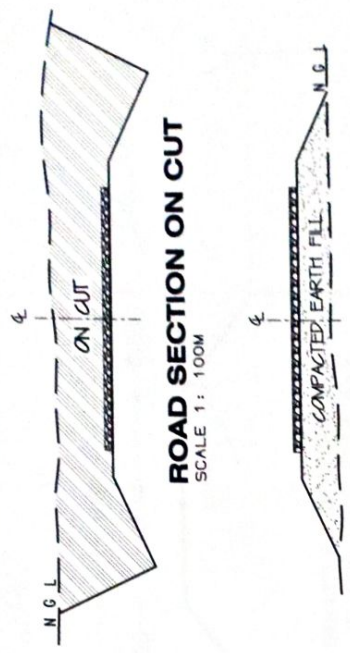


**SECTION**

**DET./SECTION OF END CHECK**  
SCALE 1: 25 MTS

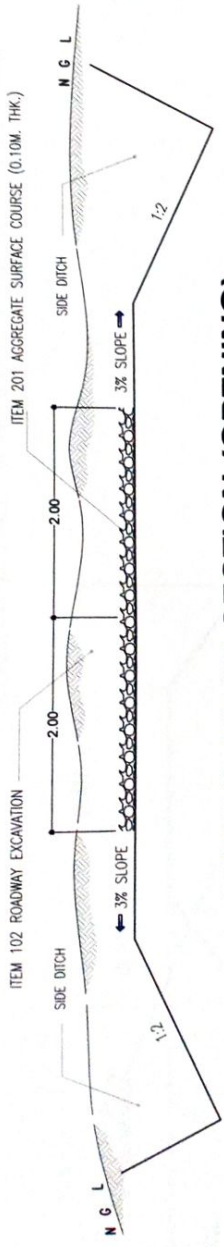
**DET./SECTION OF TURN-OUT STRUCTURE**  
SCALE 1: 25 MTS

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, P.L. CAMARINES SUR</p>	<p>Prepared by: LEONIDES L. BULALACAG, JR. Field Supervisor BEL JOSEPH D. MONITO (10/1/2019)</p>	<p>Checked by: ARTHUR M. MIRA Engr. II</p>	<p>Reviewed by: JENNY A. LERONA Engr. III</p>	<p>Submitted by: GIBERTUS S. SANTIAGO Engr. III</p>	<p>Recommending Approval: LUZ R. MARCELINO RTD for Operation and Extension</p>	<p>Approved by: RODEL P. TORNELLA, MAIRE Regional Executive Director</p>	<p>Name of Project: Construction of San Isidro SW/P</p> <p>Location: Dugay, San Isidro, Ataroy, Marabato</p> <p>Sheet Contents: AS SHOWN</p>	<p>DATE: 0-11E</p> <p>Sheet No.:</p>
	<p>RAJED-EPDSS-169</p>							

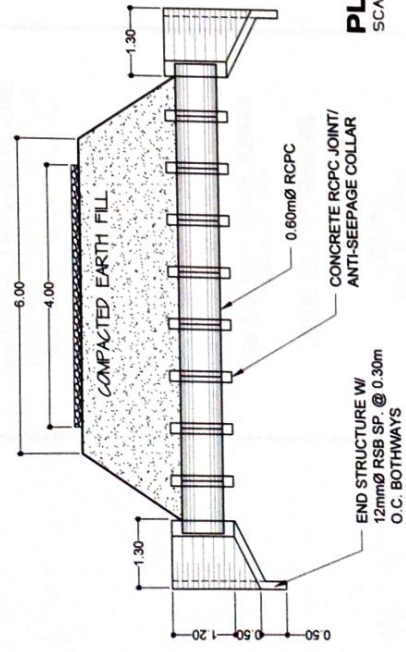


**ROAD SECTION ON CUT**  
SCALE 1: 100M

**ROAD SECTION ON FILL**  
SCALE 1: 100M

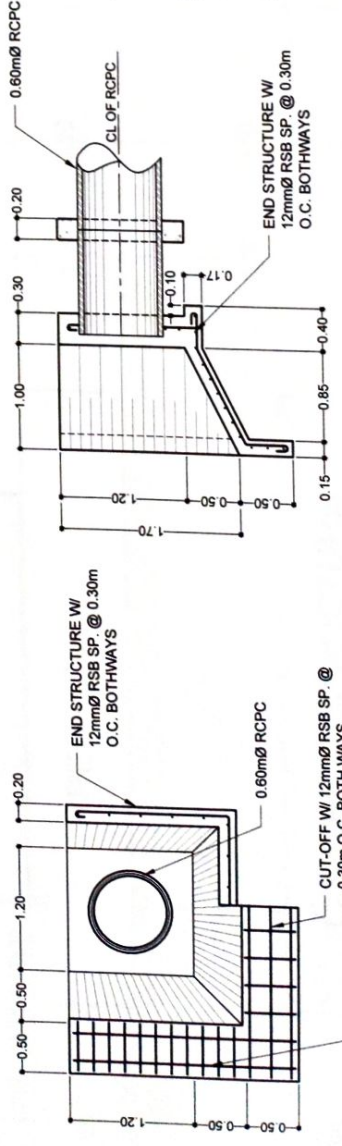


**TYPICAL ROAD SECTION (OPENING)**  
SCALE 1: 1,50M



**PLAN / SECTION**  
SCALE 1: 100M

**DETAIL OF RCPC ROAD CROSSING**  
SCALE AS SHOWN

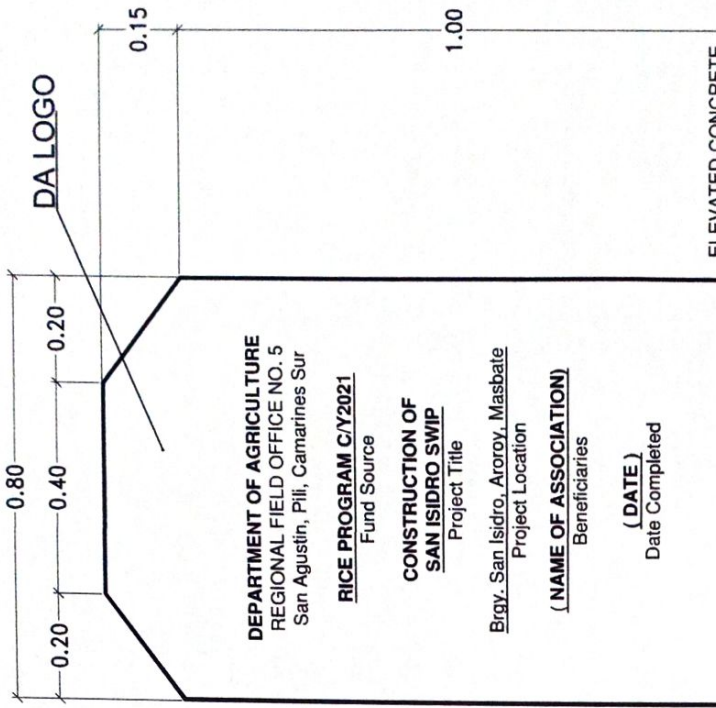
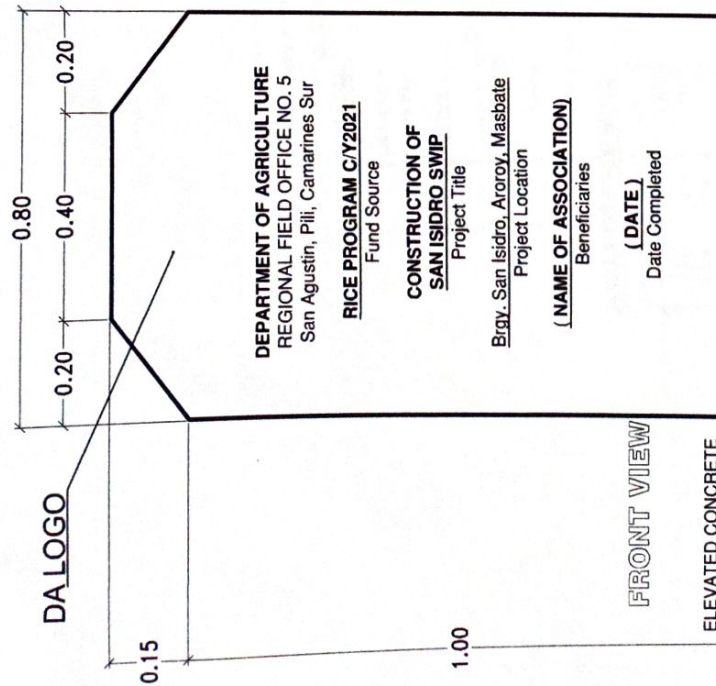


**DETAIL OF END STRUCTURE**  
SCALE 1: 50M

**DETAIL OF ANTI-SEEPAGE COLLAR**  
SCALE 1: 40M

	<b>REPUBLIC OF THE PHILIPPINES</b> <b>DEPARTMENT OF AGRICULTURE</b> <b>REGIONAL FIELD UNIT NO. 5</b> SAN AGUSTIN, PILI, CAMARINES SUR		Prepared by: <b>LEONIDES L. BULALACAO, JR.</b> Farm Supervisor <b>BEL JOSEPH D. BERNITO</b> P.D. Intern	Checked by: <b>ARTHUR MIRA</b> Engr. II	Reviewed by:  <b>JENKY A. ERONA</b> P.D. Engr. III	Submitted by:  <b>GUADALUPE S. SACEDO</b> P.D. Chief & EED	Engineering Approval: <b>LUI R. MARCELINO</b> P.D. for Operation and Extension	Approved by: <b>RODEL P. TORNILLA, MARE</b> Regional Executive Director	Name of Project: Construction of San Isidro SWIP	Date: 	Drawn by: <b>Bigay, San Isidro, Atarray, Marballe</b> Sheet Contents: AS SHOWN
	Scale of Project: 1:100M										

**NEW CONCRETE MARKER OF RICE PROGRAM PROJECT**  
SCALE: 1:10m.

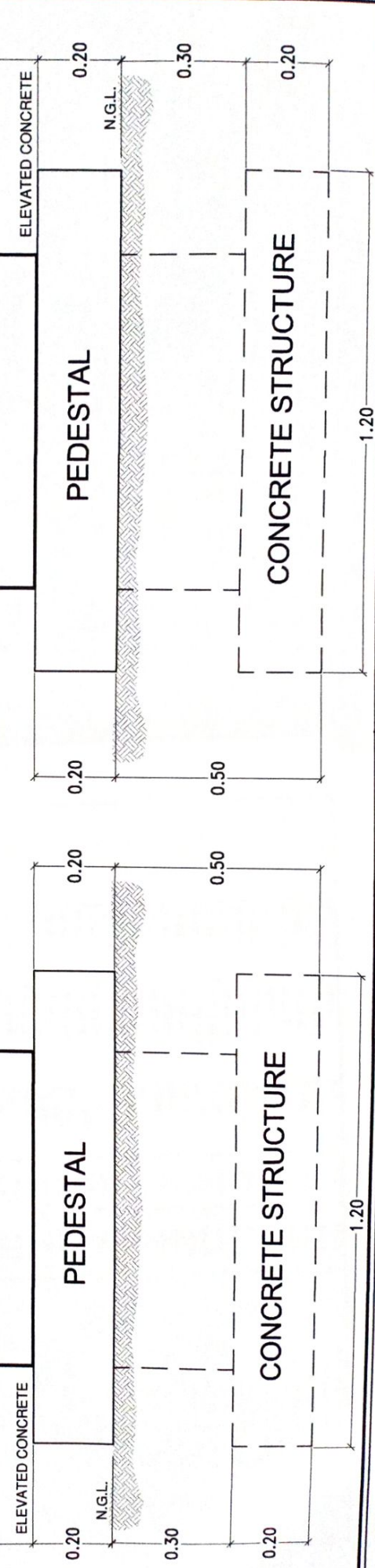


**NOTE:**

- PROVIDE CEMENT PLASTER FINISH ON BOTH FACES.
- CONCRETE MARKER SHOULD BE FINISH COATED WITH WHITE ENAMEL PAINT.
- ALL PROJECT INFORMATION AS INDICATED SHOULD BE WRITEN IN NEAT AND CLEAR MANNER.
- BE SPECIFIC WITH THE SPELLING OF THE INDICATED NAME OF PERSONS AND THEIR RESPECTIVE DESIGNATION.

**FRONT VIEW**

**REAR VIEW**



<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE REGIONAL FIELD UNIT NO. 5 SAN AGUSTIN, PILI, CAMARINES SUR</p>	<p>Prepared by: <b>LEONIDES L. BULALACAO, JR.</b> Farm Supervisor <i>[Signature]</i> BEL JOSEPH D. RONITO Field Officer</p>	<p>Checked by: <b>ARTHUR B. MIRA</b> Eng. II <i>[Signature]</i></p>	<p>Reviewed by: <b>JERINA A. EROSA</b> Engr. III <i>[Signature]</i></p>	<p>Submitted by: <b>GILBERT S. BAUTEDO</b> Off. - Charged <i>[Signature]</i></p>	<p>Recommending Approval: <b>LUZ R. MARCELINO</b> PID for Operations and Extensions</p>	<p>Approved by: <b>RODEL P. TORNILLA, MARE</b> Regional Executive Director</p>	<p>Name of Project: Construction of San Isidro SWIP</p> <p>Location: Brgy. San Isidro, Aroroy, Masbate</p> <p>Sheet No. AS SHOWN</p>
	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>