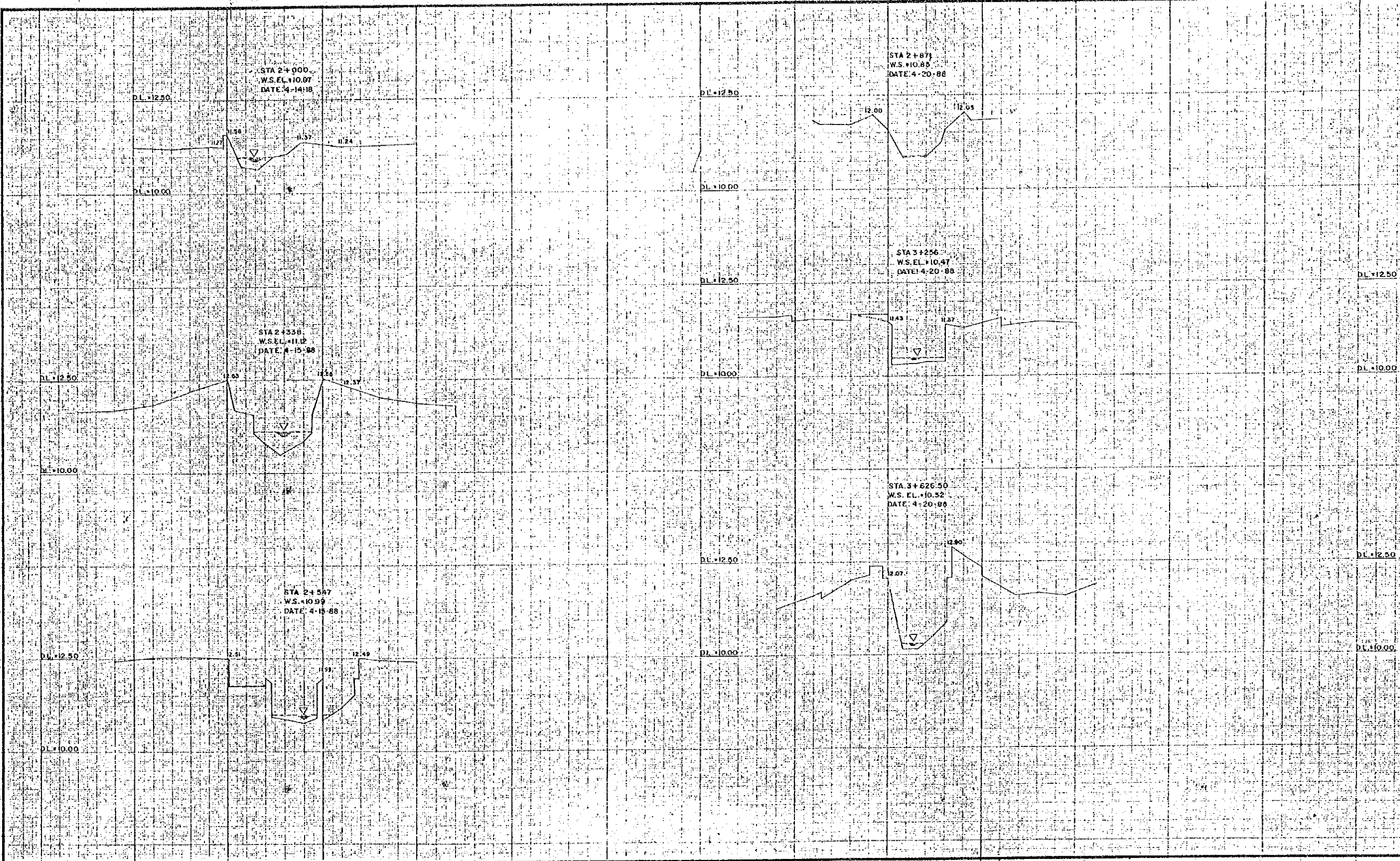


CONTRACTANTS SIGNATURE 		REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS		PROJECT ENGINEER PROJECT MANAGER	DATE SIGNATURE NONITO F. PIANO EUGENIO MANALO	CROSS SECTION ESTERO DE PANDACAN STA. 0+000 - STA. 1+847		SCALE HORIZONTAL 1" = 250' VERTICAL 1" = 50'	DRWG. NO. 1 / 2
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Map Scale: 1" = 250'

Masterpiece
 Manila, P.I.



CONSULTANTS			REPUBLIC OF THE PHILIPPINES		
	DATE	SIGNATURE		DATE	SIGNATURE
SURVEYED BY	Jul-88	<i>[Signature]</i>	PROJECT ENGINEER		<i>[Signature]</i>
CHECKED BY	8-10-88	<i>[Signature]</i>	PROJECT MANAGER		<i>[Signature]</i>
PROJECT MANAGER	8-11-88	<i>[Signature]</i>			



ACRE SURVEYING
& DEVELOPMENT



DEPARTMENT OF
PUBLIC WORKS AND HIGHWAYS

NONITO F. FAND
ENGR. R. D. MANALO

197

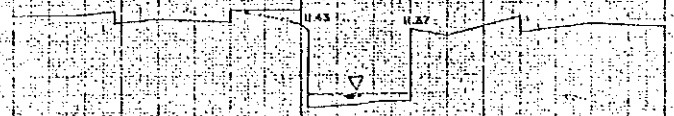
Manila, P.I.

Manila, P.I.

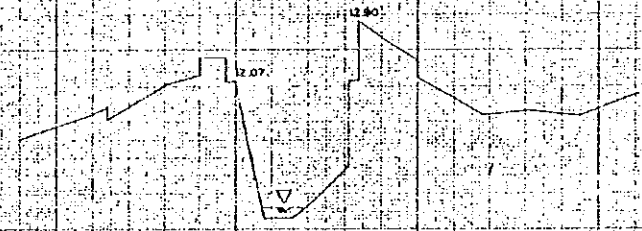
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DL+10.00
STA 2+871
W.S. 10.80
DATE: 4-20-88



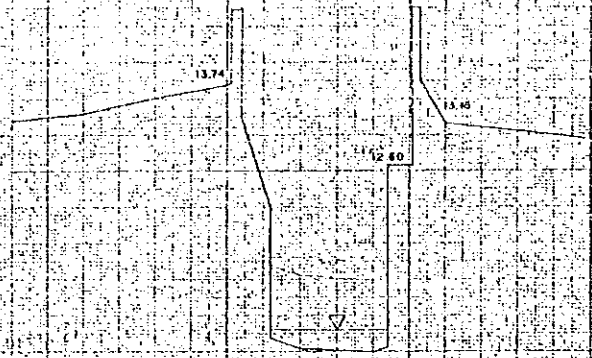
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STA 3+256
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DATE: 4-20-88



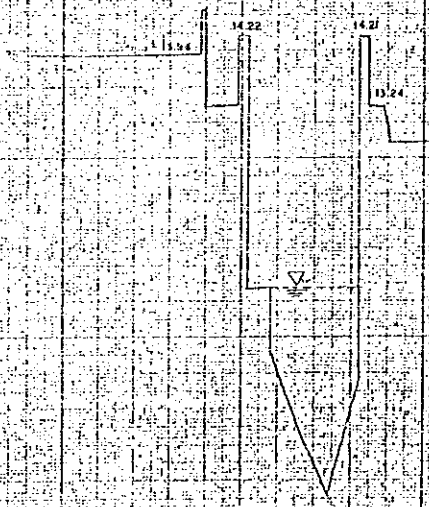
DL+12.50
DL+10.00
STA 3+826.50
W.S. EL. 10.32
DATE: 4-20-88



DL+12.50
DL+10.00
STA 3+757
W.S. EL. 10.30
DATE: 4-20-88



DL+12.50
DL+10.00
STA 4+200
W.S. EL. 10.69
DATE: 4-20-88



DATE	SIGNATURE
8-16-88	<i>[Signature]</i>
8-19-88	<i>[Signature]</i>
8-11-88	<i>[Signature]</i>



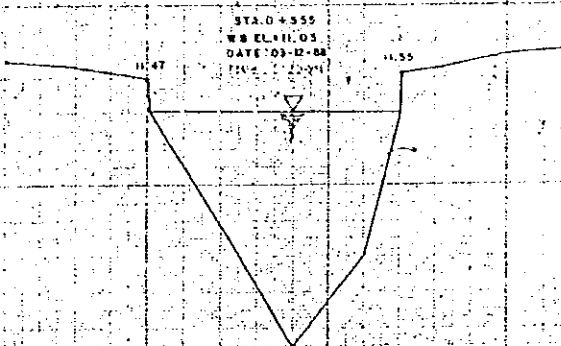
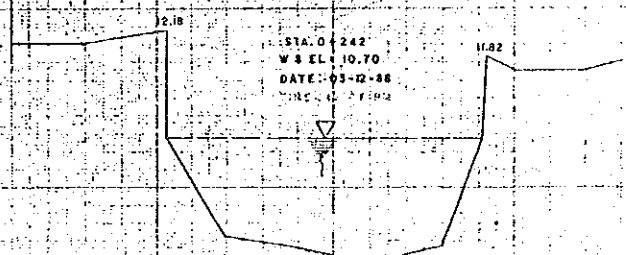
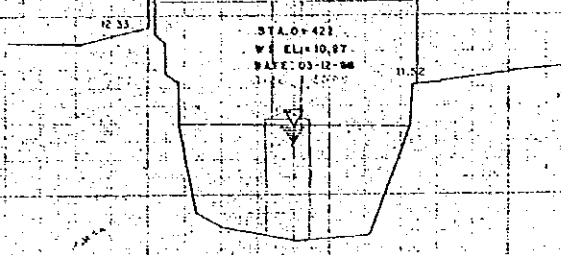
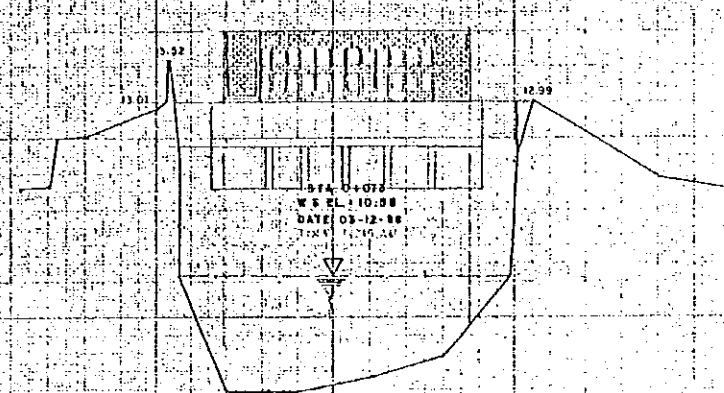
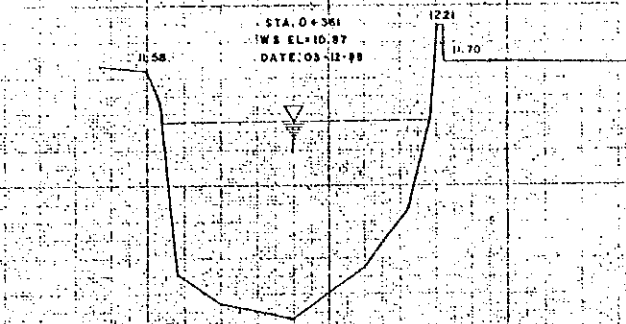
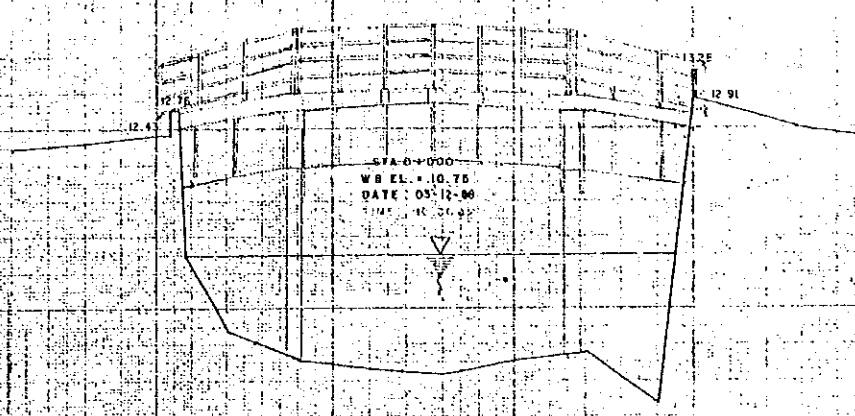
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF
PUBLIC WORKS AND HIGHWAYS

DATE	SIGNATURE
	<i>[Signature]</i>
	<i>[Signature]</i>

PROJECT ENGINEER	NONITO P. FAYO
PROJECT MANAGER	EUGENIO D. MANALO

CROSS SECTION	SCALE	DRWG. NO.
ESTERO DE PANDACAN	HORIZONTAL 1:250 VERTICAL 1:50	212

Mas tra piero
Printed in sepe

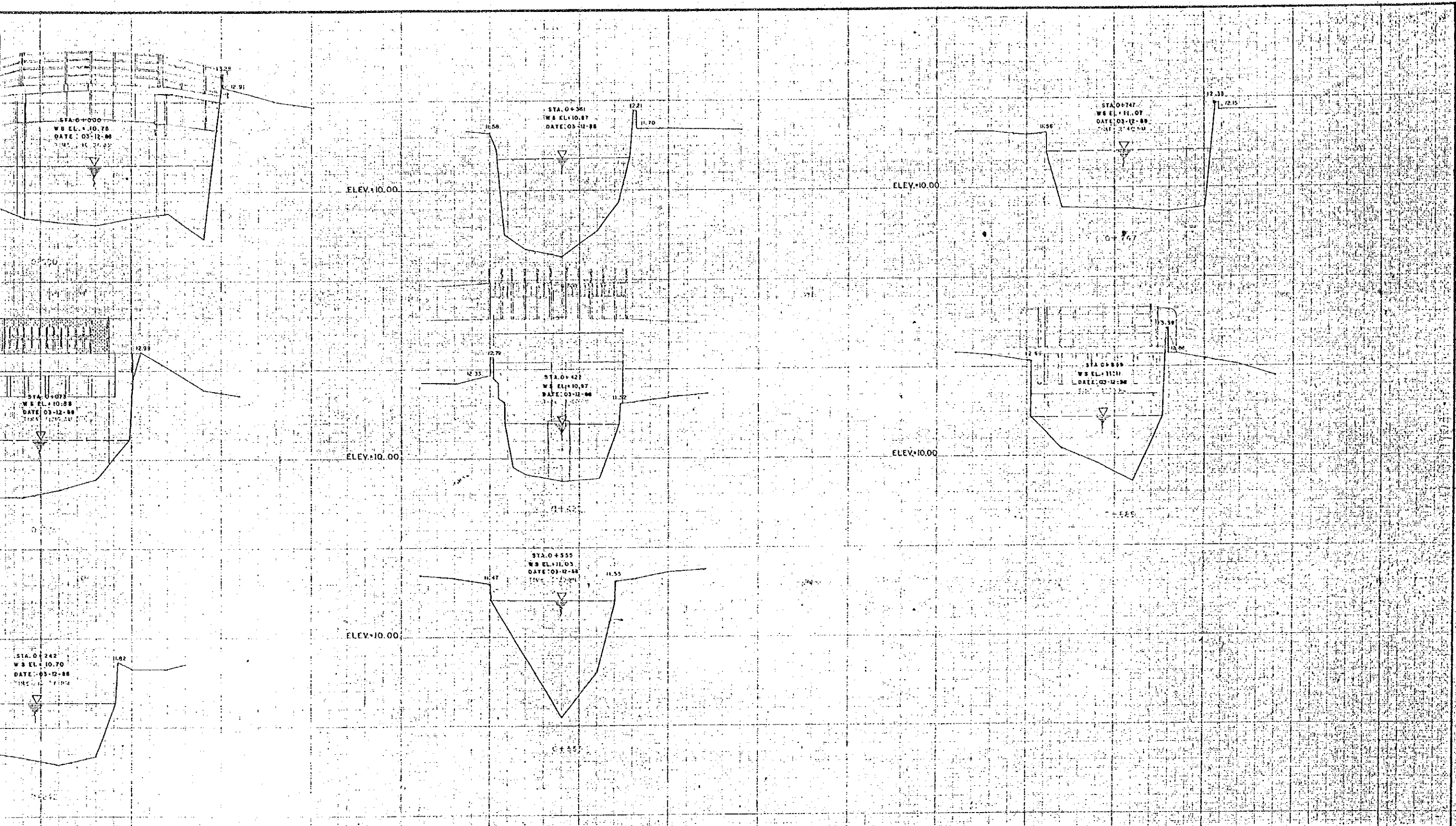


ACRE SURVEYING & DEVELOPMENT

CONSULTANTS	
DATE	SIGNATURE
SURVEYED BY: Jul 10, 88	<i>[Signature]</i>
CHECKED BY: 8-13-88	<i>[Signature]</i>
PROJECT MANAGER: 8-14-88	<i>[Signature]</i>

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

DATE	SIGNATURE
PROJECT ENGINEER	<i>[Signature]</i>
PROJECT MANAGER	<i>[Signature]</i>



CONSULTANTS		REPUBLIC OF THE PHILIPPINES		DATE		SIGNATURE		SCALE		DRWG. NO.	
DATE: 10/10/88	SIGNATURE: [Signature]	DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS		DATE: [Blank]	SIGNATURE: [Signature]		CROSS SECTION		HORIZONTAL: 1:250	VERTICAL: 1:50	
DATE: 8/13/88	SIGNATURE: [Signature]	PROJECT ENGINEER		SIGNATURE: [Signature]		ESTERO DE BINONDO		STA 0+000 - STA 0+899			
DATE: 8/14/88	SIGNATURE: [Signature]	PROJECT MANAGER		SIGNATURE: [Signature]		Mastic Piece					
				SIGNATURE: [Signature]		Printed: [Blank]					



W **AGRE SURVEYING & DEVELOPMENT**

CONSULTANTS		DATE	SIGNATURE
SURVEYED BY:	JL. AG. 88		<i>[Signature]</i>
CHECKED BY:	8/19/88		<i>[Signature]</i>
PROJECT MANAGER:	8/14/88		<i>[Signature]</i>

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

PROJECT ENGINEER
 PROJECT MANAGER
 NONATO AND EUGENIO

Master Piece
 Printed in 1988

Master Piece
 Printed in 1988

123



M
**ACRE SURVEYING
 & DEVELOPMENT**

CONSULTANTS		DATE	SIGNATURE
SURVEYED BY	12/16/88		<i>[Signature]</i>
CHECKED BY	2/12/88		<i>[Signature]</i>
PROJECT MANAGER	3/14/88		<i>[Signature]</i>

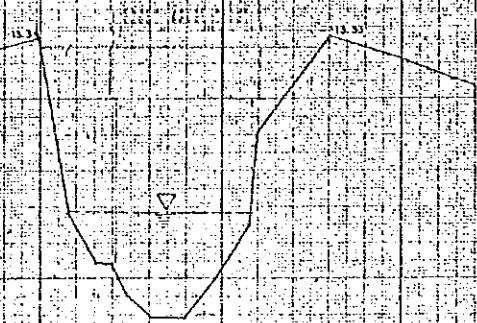


REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF
 PUBLIC WORKS AND HIGHWAYS

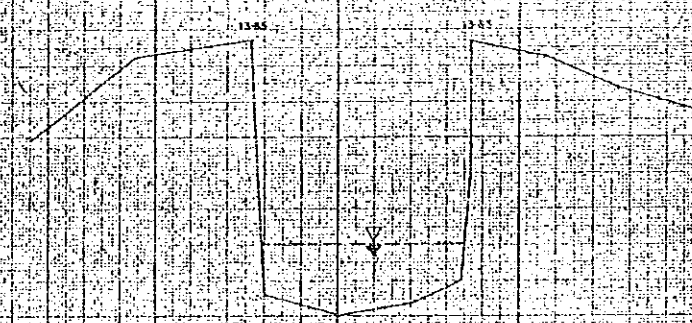
PROJECT ENGINEER	DATE	SIGNATURE
		<i>[Signature]</i>
PROJECT MANAGER		<i>[Signature]</i>

1786

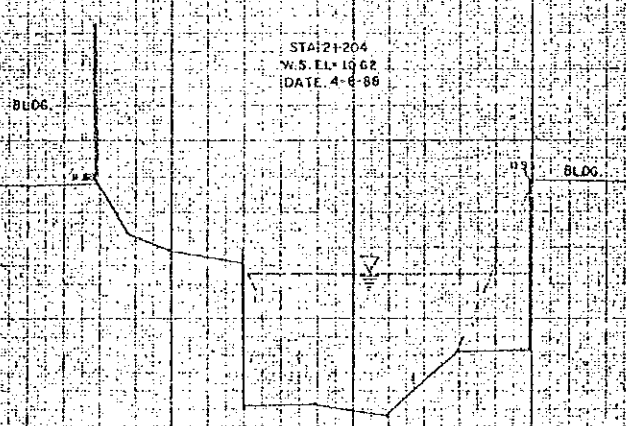
NIPONUCENG BRIDGE
 STA. 1+921
 W.S. EL. +10.51
 DATE: 4-8-88



SAN MIGUEL PIPE LINE BRIDGE
 STA. 1+457
 W.S. EL. +10.32
 DATE: 4-8-88



STA. 2+204
 W.S. EL. +10.62
 DATE: 4-8-88



DATE	SIGNATURE
4-16-88	<i>[Signature]</i>
8-12-88	<i>[Signature]</i>
1-14-88	<i>[Signature]</i>

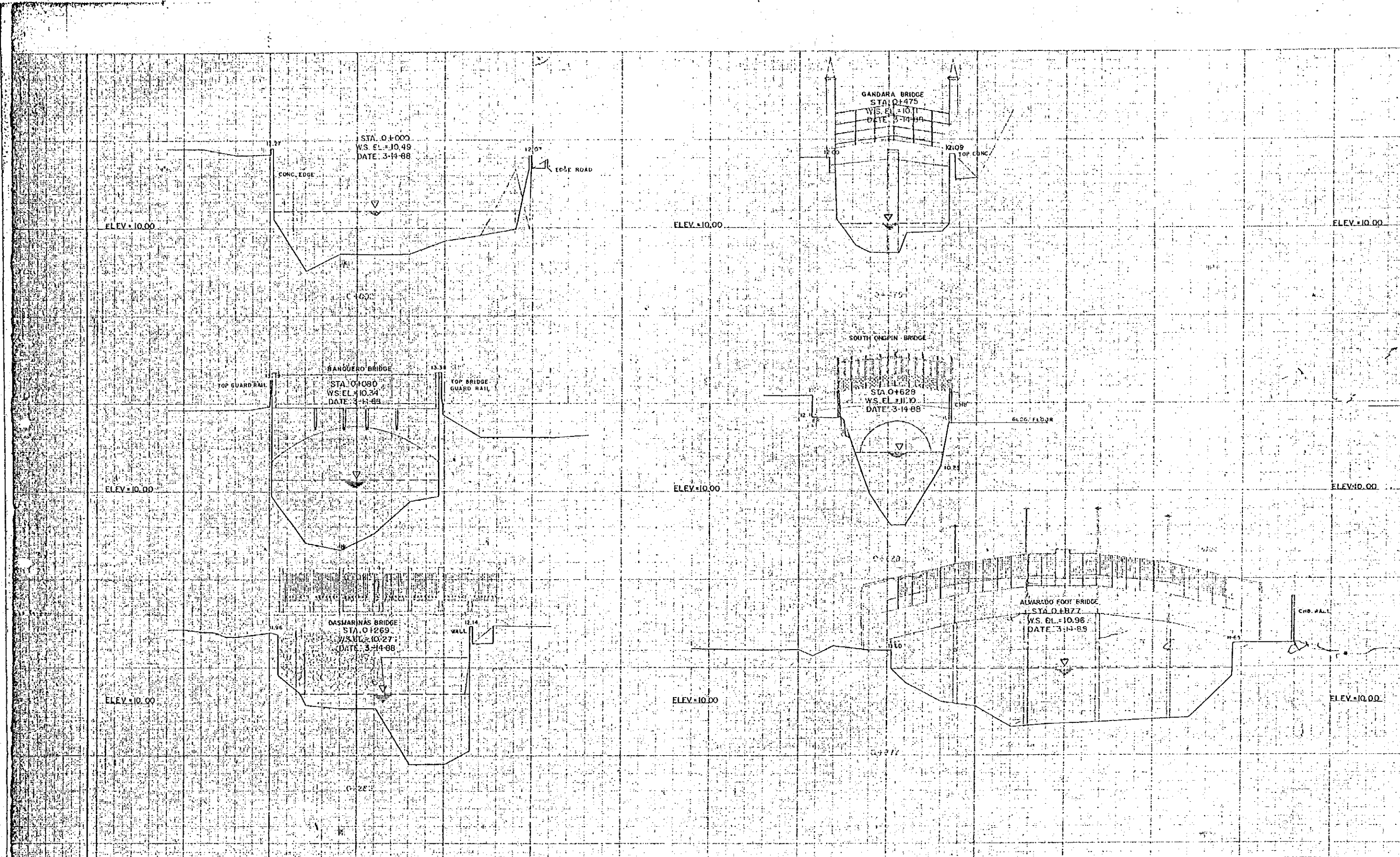
REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF
 PUBLIC WORKS AND HIGHWAYS

PROJECT ENGINEER	DATE	SIGNATURE
PROJECT MANAGER		<i>[Signature]</i>

SCALE	DRWG. NO.
HORIZONTAL 1:50	2/2
VERTICAL 1:50	

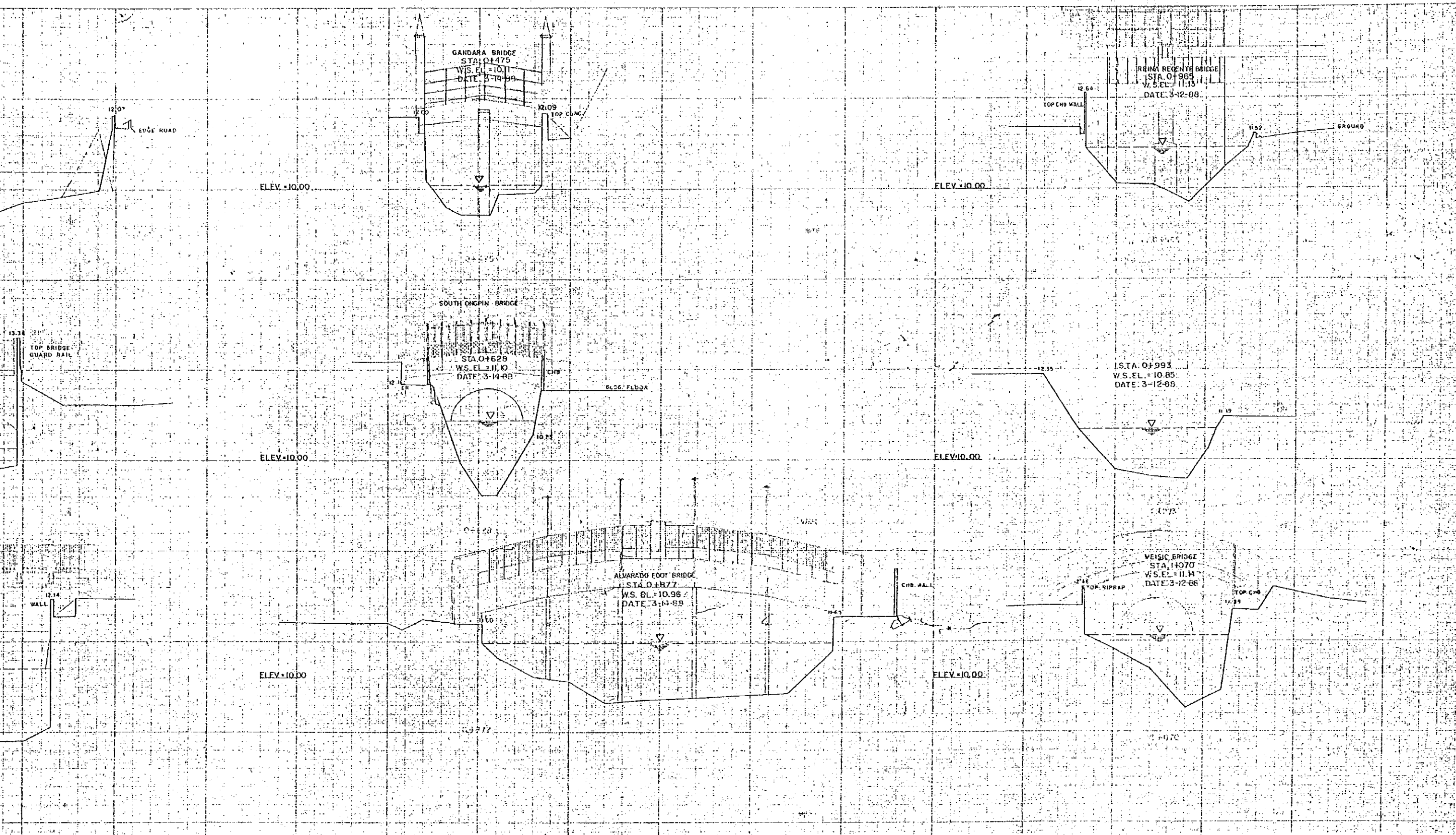
CROSS SECTION
 SAN MIGUEL BRIDGE 18 023 010 21 10 43

Masterpiece
 Printed in Japan



	CONSULTANTS		REPUBLIC OF THE PHILIPPINES		DATE: 3-14-88 SIGNATURE: MONTE PANO PROJECT ENGINEER	
	SURVEYED BY:	DATE: 3-14-88	SIGNATURE:	DEPARTMENT OF		PROJECT ENGINEER
	CHECKED BY:	DATE: 3-14-88	SIGNATURE:	PUBLICWORKS AND HIGHWAYS		PROJECT MANAGER
	PROJECT MANAGER:	DATE: 3-14-88	SIGNATURE:			

175



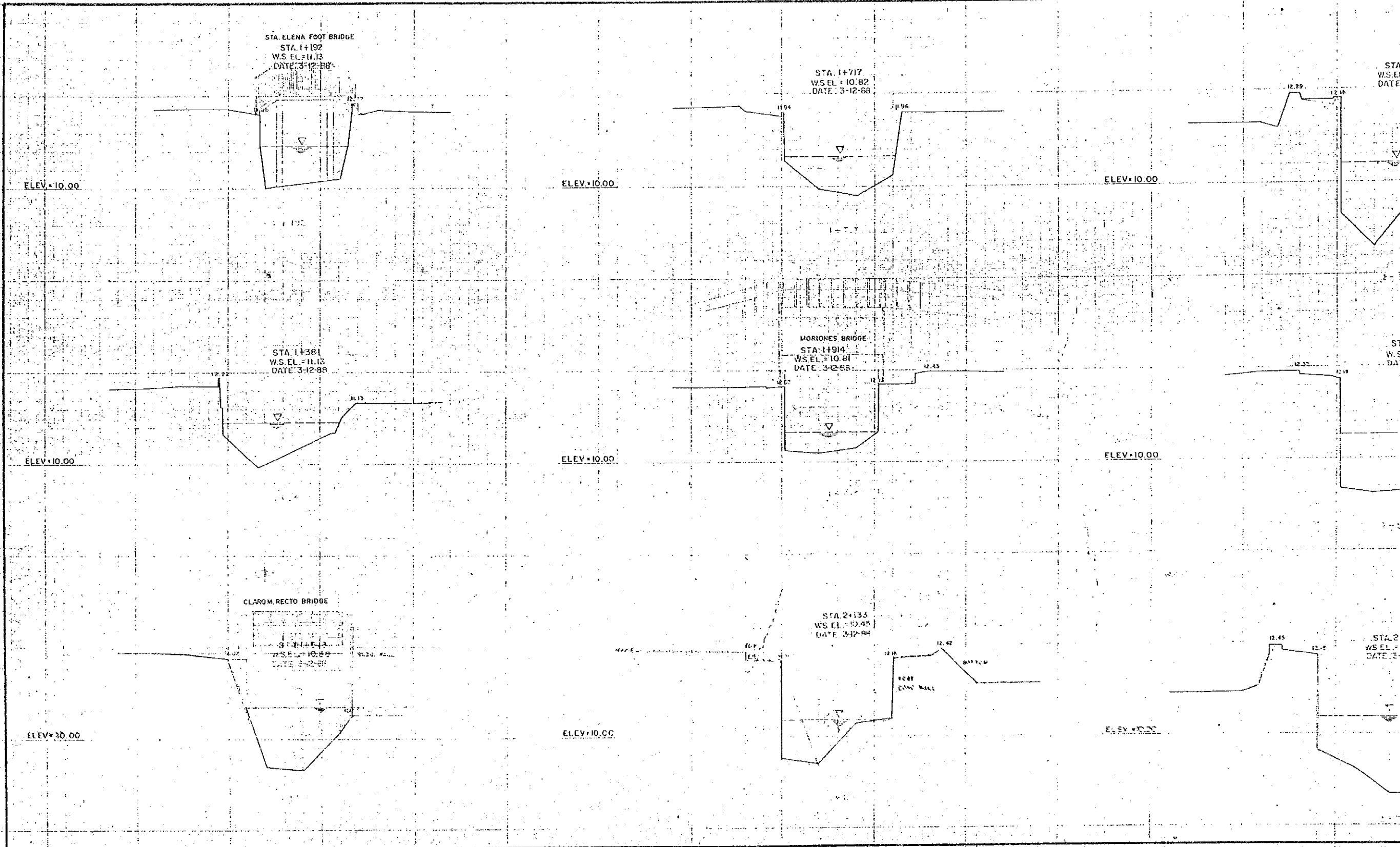
CONSULTANTS	
DATE	SIGNATURE
12/14/88	<i>[Signature]</i>
1/12/88	<i>[Signature]</i>
1/14/88	<i>[Signature]</i>

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

PROJECT ENGINEER: *[Signature]* MONTE P. PANO
 PROJECT MANAGER: *[Signature]* ENR. J. P. SALO

CROSS SECTION
 ESTERD DELA REINA STA. 0+000-SD 7+070

SCALE		DRWG. NO.
HORIZONTAL	1:250	1/2
VERTICAL	1:40	



ACRE SURVEYING & DEVELOPMENT

CONSULTANTS		
	DATE	SIGNATURE
SURVEYED BY	Jul. 11/88	<i>Charles de la Cruz</i>
CHECKED BY	8/2/88	<i>[Signature]</i>
PROJECT MANAGER	8/14/88	<i>[Signature]</i>

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

	DATE	SIGNATURE
PROJECT ENGINEER		<i>[Signature]</i>
PROJECT MANAGER		<i>[Signature]</i>

176

ELEV. +10.00

ELEV. +10.00

ELEV. +10.00

ELEV. +10.00

ELEV. +10.00

ELEV. +10.00

STA. 1+717
W.S. EL. = 10.82
DATE: 3-12-88

STA. 2+392
W.S. EL. = 10.51
DATE: 3-12-88

MORONES BRIDGE
STA. 1+914
W.S. EL. = 10.81
DATE: 3-12-88

STA. 2+589
W.S. EL. = 10.66
DATE: 3-12-88

STA. 2+135
W.S. EL. = 10.95
DATE: 3-12-88

STA. 2+721
W.S. EL. = 10.45
DATE: 3-12-88

DATE		SIGNATURE		REPUBLIC OF THE PHILIPPINES		DATE		SIGNATURE		SCALE		BRWG NO	
1-16-88		<i>Charles...</i>		DEPARTMENT OF		1-16-88		<i>NONITO...</i>		HORIZONTAL 1:250		2/3	
1-14-88		<i>...</i>		PUBLIC WORKS AND HIGHWAYS		1-14-88		<i>EUGEN...</i>		VERTICAL 1:50			
										ESTERO DELA REINA		STA. 1+192 - STA. 2+132	

CROSS SECTION

ESTERO DELA REINA

STA. 1+192 - STA. 2+132