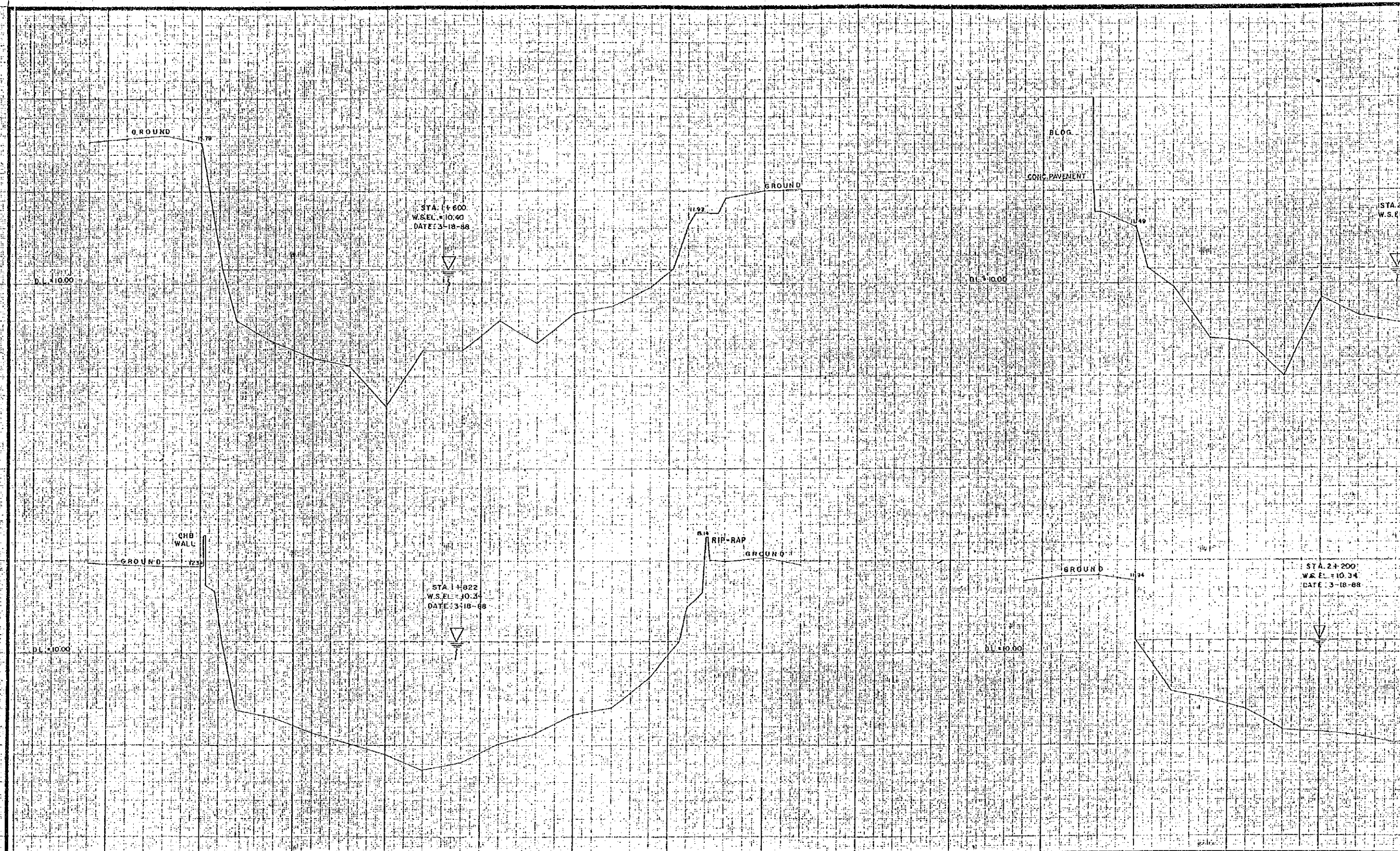


| | | | | | | | | | | | | | | | | | |
|---|---------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-----------------|-----------------|--|----------------|--------|-----------------------|--|---------------|--|
| CONSULTANTS | | REPUBLIC OF THE PHILIPPINES | | DATE | | SIGNATURE | | PROJECT ENGINEER | | PROJECT MANAGER | | SCALE | | DRWG. NO. | | | |
| 11/20/88 | 12/1/88 | 1/14/88 | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | NONITO LAND, INC. | BUCHIZ, MARIALO | CROSS SECTION | | 1:250 | 2 / 10 | | | | |
| DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS | | | | | | | | | | | | SAN JUAN RIVER | | STA 0+800 - STA 1+400 | | VERTICAL 1:50 | |

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Printed in Japan



**ACRE SURVEYING
& DEVELOPMENT**

| CONSULTANT | | DATE | SIGNATURE |
|-----------------|---------|---------|--------------------|
| SURVEYED BY | WAG | 8/15/88 | <i>[Signature]</i> |
| CHECKED BY | 8/15/88 | | <i>[Signature]</i> |
| PROJECT MANAGER | 8/15/88 | | <i>[Signature]</i> |



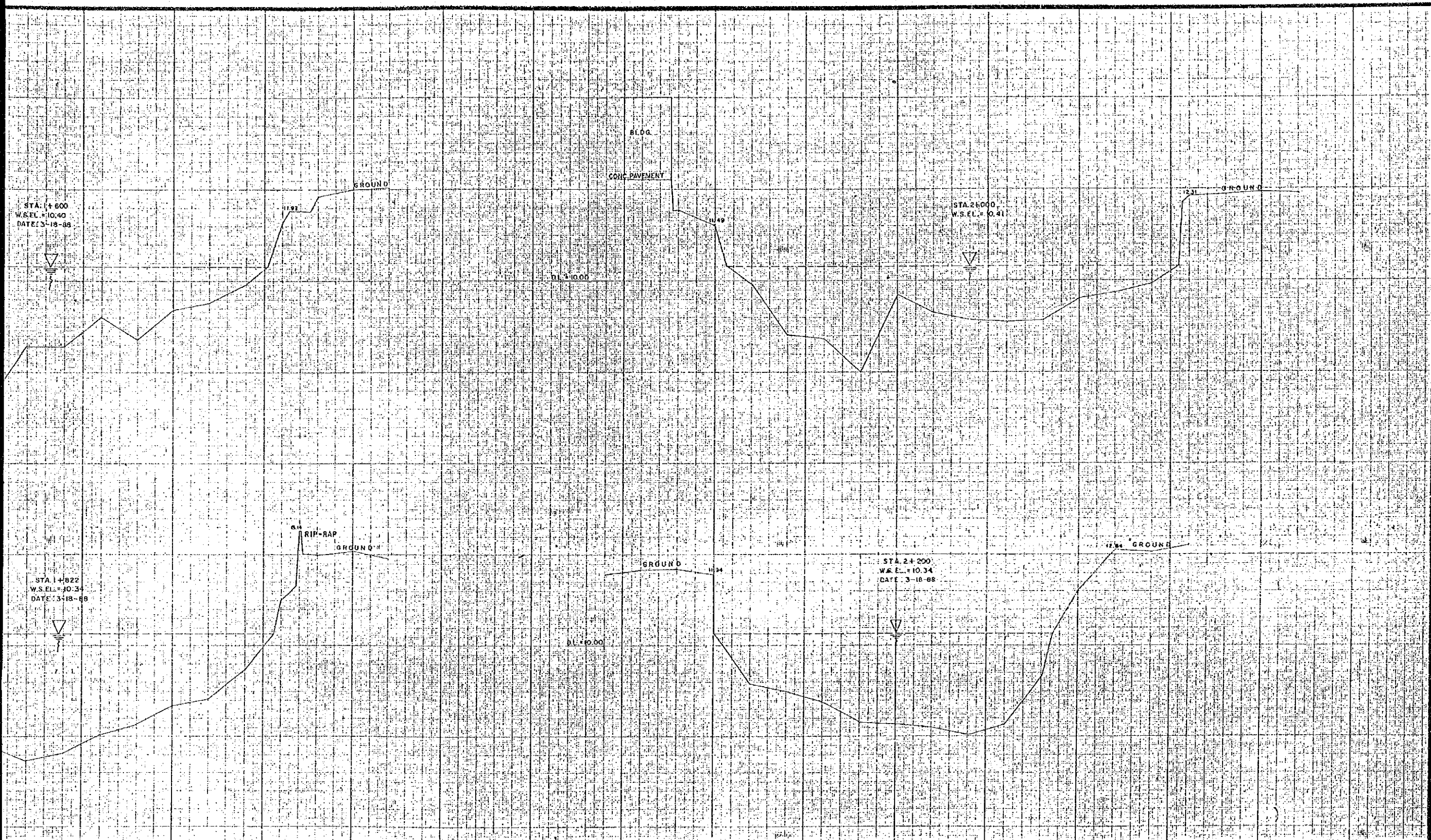
REPUBLIC OF THE PHILIPPINES
**DEPARTMENT OF
PUBLIC WORKS & HIGHWAYS**

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

Master Piece
1/16 x 1/16

Master Piece
1/16 x 1/16

46



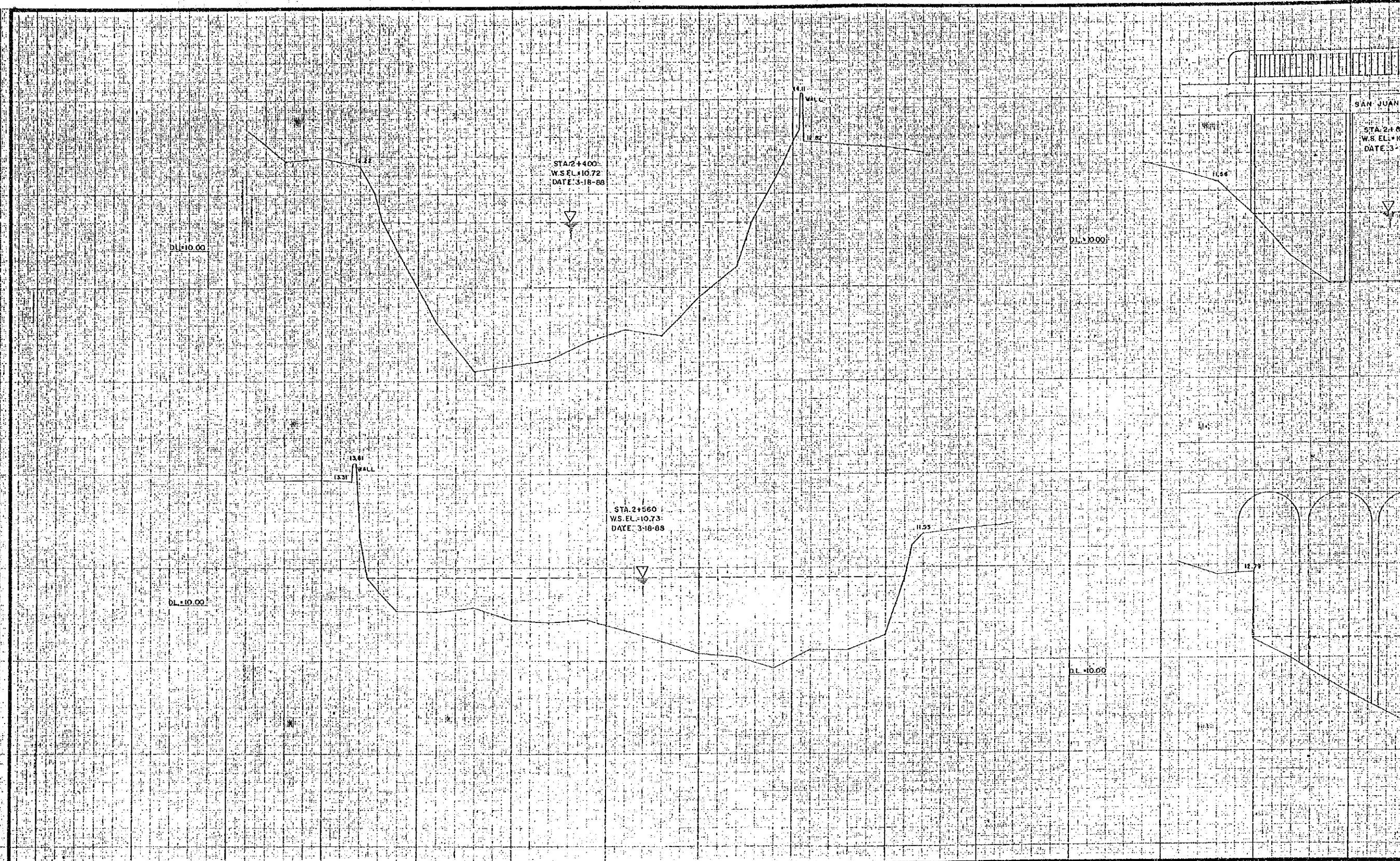
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|-------|--------------------|--|------------------|-----------|---------------------|-----------|
| DATE | SIGNATURE | REPUBLIC OF THE PHILIPPINES | DATE | SIGNATURE | SCALE | DRWG. NO. |
| 10/28 | <i>[Signature]</i> | DEPARTMENT OF PUBLIC WORKS & HIGHWAYS | PROJECT ENGINEER | 10/28 | HORIZONTAL 1:250 | 3/10 |
| 3/88 | <i>[Signature]</i> | | PROJECT MANAGER | 3/88 | | |
| 4/88 | <i>[Signature]</i> | | | | | |


CROSS-SECTION

SAN JUAN RIVER STA. 1+600 - STA. 2+400

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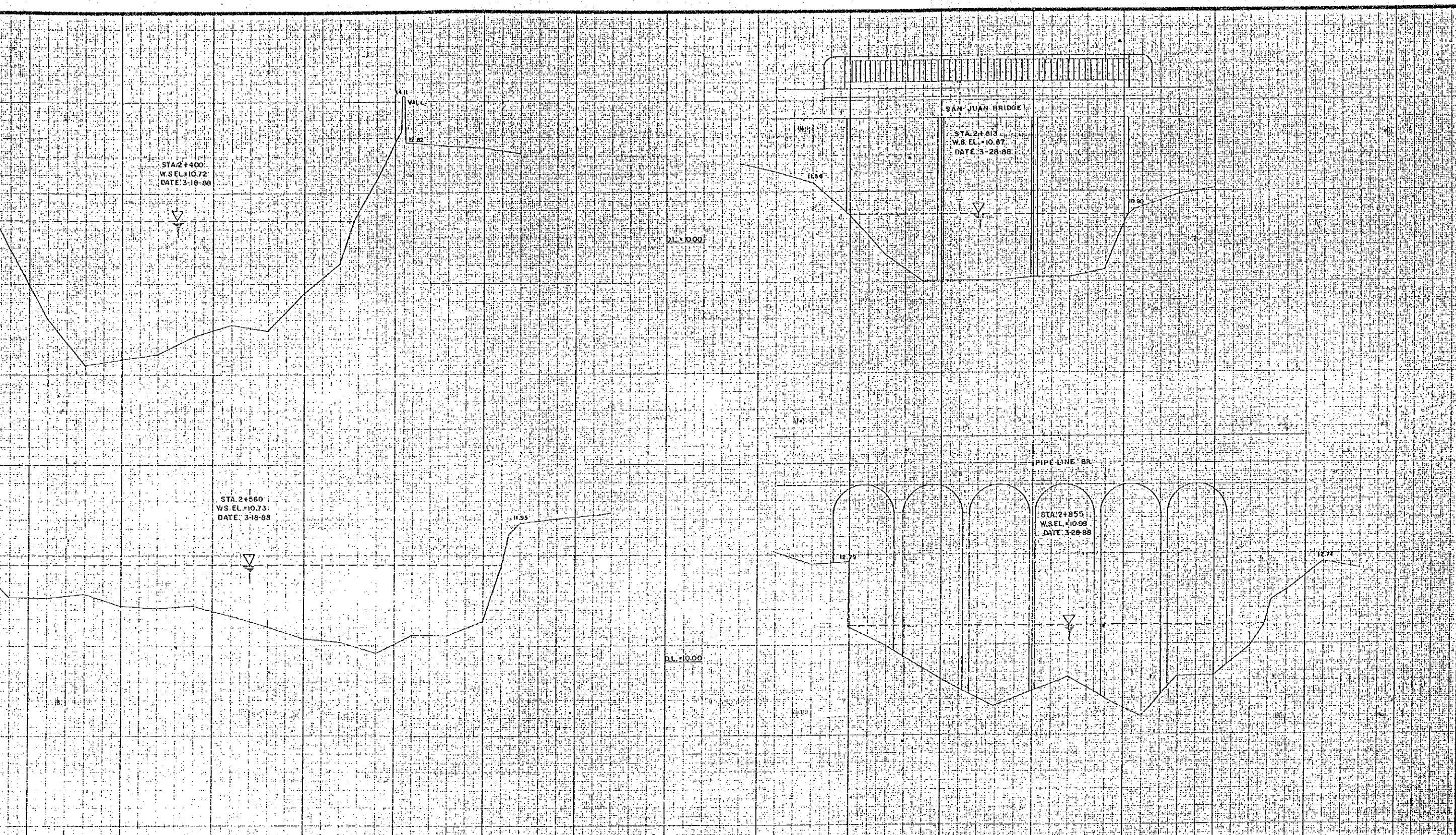
47



| | | | | | | | | | | | |
|---|--------------------|--------------------|----------------------------------|--|--|------|-----------|------------------|--------------------|-----------------|--------------------|
|  ACRE SURVEYING & DEVELOPMENT | CONSULTANTS | | REPUBLIC OF THE PHILIPPINES | | <table border="1"> <tr> <td>DATE</td> <td>SIGNATURE</td> </tr> <tr> <td>PROJECT ENGINEER</td> <td><i>[Signature]</i></td> </tr> <tr> <td>PROJECT MANAGER</td> <td><i>[Signature]</i></td> </tr> </table> | DATE | SIGNATURE | PROJECT ENGINEER | <i>[Signature]</i> | PROJECT MANAGER | <i>[Signature]</i> |
| | DATE | SIGNATURE | | | | | | | | | |
| | PROJECT ENGINEER | <i>[Signature]</i> | | | | | | | | | |
| PROJECT MANAGER | <i>[Signature]</i> | | | | | | | | | | |
| SURVEYED BY: | <i>[Signature]</i> | <i>[Signature]</i> | DEPARTMENT OF | | | | | | | | |
| CHECKED BY: | <i>[Signature]</i> | <i>[Signature]</i> | PUBLIC WORKS AND HIGHWAYS | | | | | | | | |
| PROJECT MANAGER | <i>[Signature]</i> | <i>[Signature]</i> | | | | | | | | | |

Map 111-C

Masterpiece



| CONSULTANTS | |
|-------------|--------------------|
| DATE | SIGNATURE |
| 8-10-88 | <i>[Signature]</i> |
| 8-14-88 | <i>[Signature]</i> |

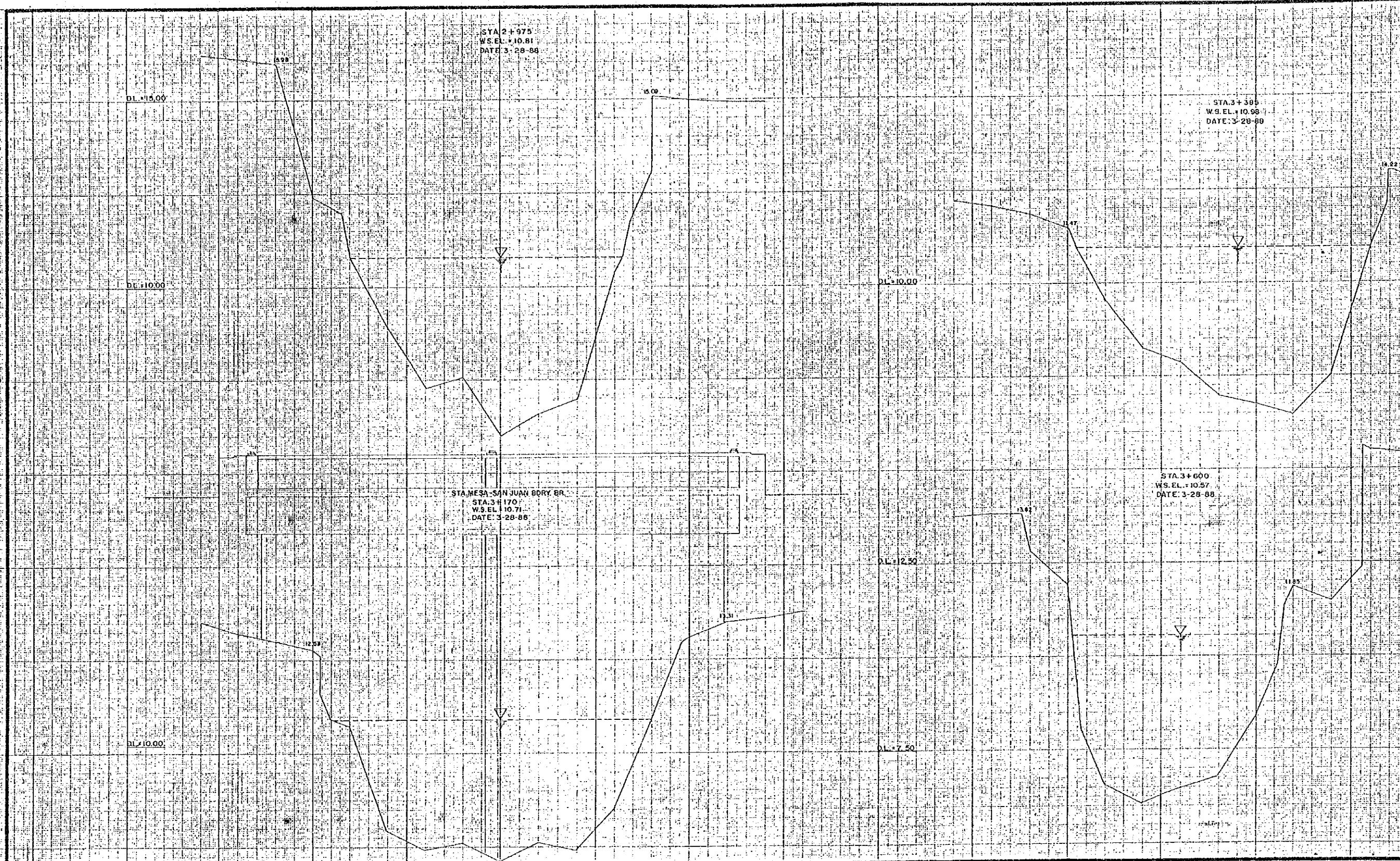
REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF
 PUBLIC WORKS AND HIGHWAYS

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

| | |
|------------------|--|
| PROJECT ENGINEER | |
| PROJECT MANAGER | |

CROSS SECTION
 SAN JUAN RIVER
 STA 2+400 — STA 2+855

| SCALE | DRWG. NO. |
|-------------------------|-----------|
| HORIZONTAL 1" = 250' | A-110 |
| VERTICAL 1" = 50' | |



**ACRE SURVEYING
& DEVELOPMENT**

| CONSULTANT | | |
|-----------------|---------|-------------------------|
| | DATE | SIGNATURE |
| SURVEYED BY: | 2-1-88 | <i>Charly dela Cruz</i> |
| CHECKED BY: | 8-13-88 | <i>Edy M. Santos</i> |
| PROJECT MANAGER | 8-14-88 | <i>Edy M. Santos</i> |



**DEPARTMENT OF
PUBLIC WORKS & HIGHWAYS**

REPUBLIC OF THE PHILIPPINES

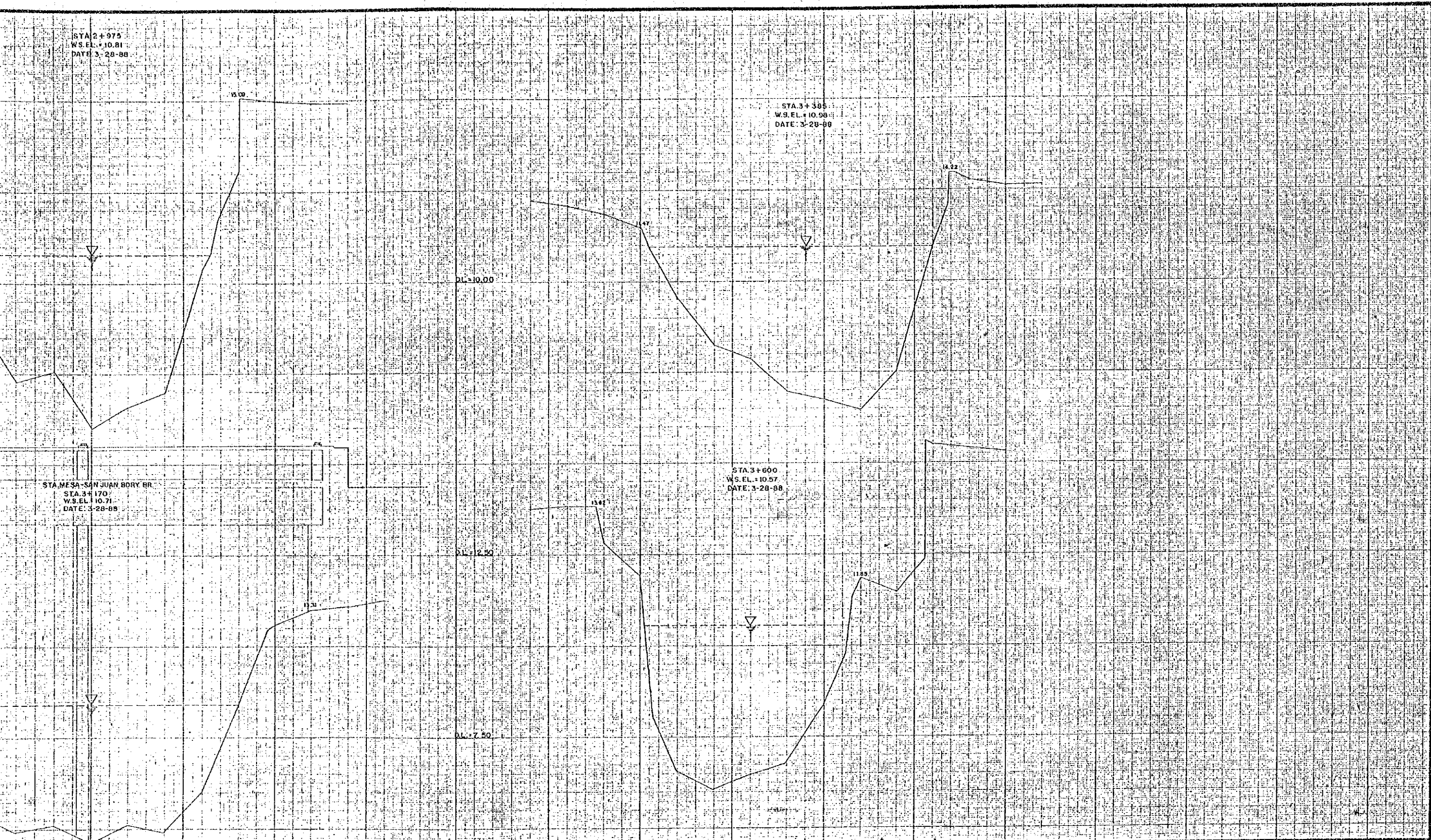
| | DATE | SIGNATURE |
|------------------|------|--------------------------|
| PROJECT ENGINEER | | <i>ROBERTO P. FERRER</i> |
| PROJECT MANAGER | | <i>EDY M. SANTOS</i> |

Master piece
Printed in Japan

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48



| | | | | | | | |
|---------------------------|--|---------------------------------------|--|------------------|--|-----------------------|--|
| CONTRACT SIGNATURE | | REPUBLIC OF THE PHILIPPINES | | DATE | | SIGNATURE | |
| <i>Charles de la Cruz</i> | | DEPARTMENT OF PUBLIC WORKS & HIGHWAYS | | PROJECT ENGINEER | | <i>NONITO PEAN</i> | |
| <i>Edy</i> | | | | PROJECT MANAGER | | <i>EDUARDO RAMALD</i> | |

| | | | |
|------------------------------------|--|------------------|-----------|
| CROSS SECTION | | SCALE | DRWG. NO. |
| SAN JUAN RIVER STA 2+975—STA 3+600 | | HORIZONTAL 1:250 | 5/10 |
| | | VERTICAL 1:50 | |

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**ACRE SURVEYING
& DEVELOPMENT**

| CONSULTANTS | |
|-------------|--------------------|
| DATE | SIGNATURE |
| Jul-88 | <i>[Signature]</i> |
| 8-13-88 | <i>[Signature]</i> |
| 8-14-88 | <i>[Signature]</i> |



REPUBLIC OF THE PHILIPPINES
**DEPARTMENT OF
PUBLIC WORKS AND HIGHWAYS**

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

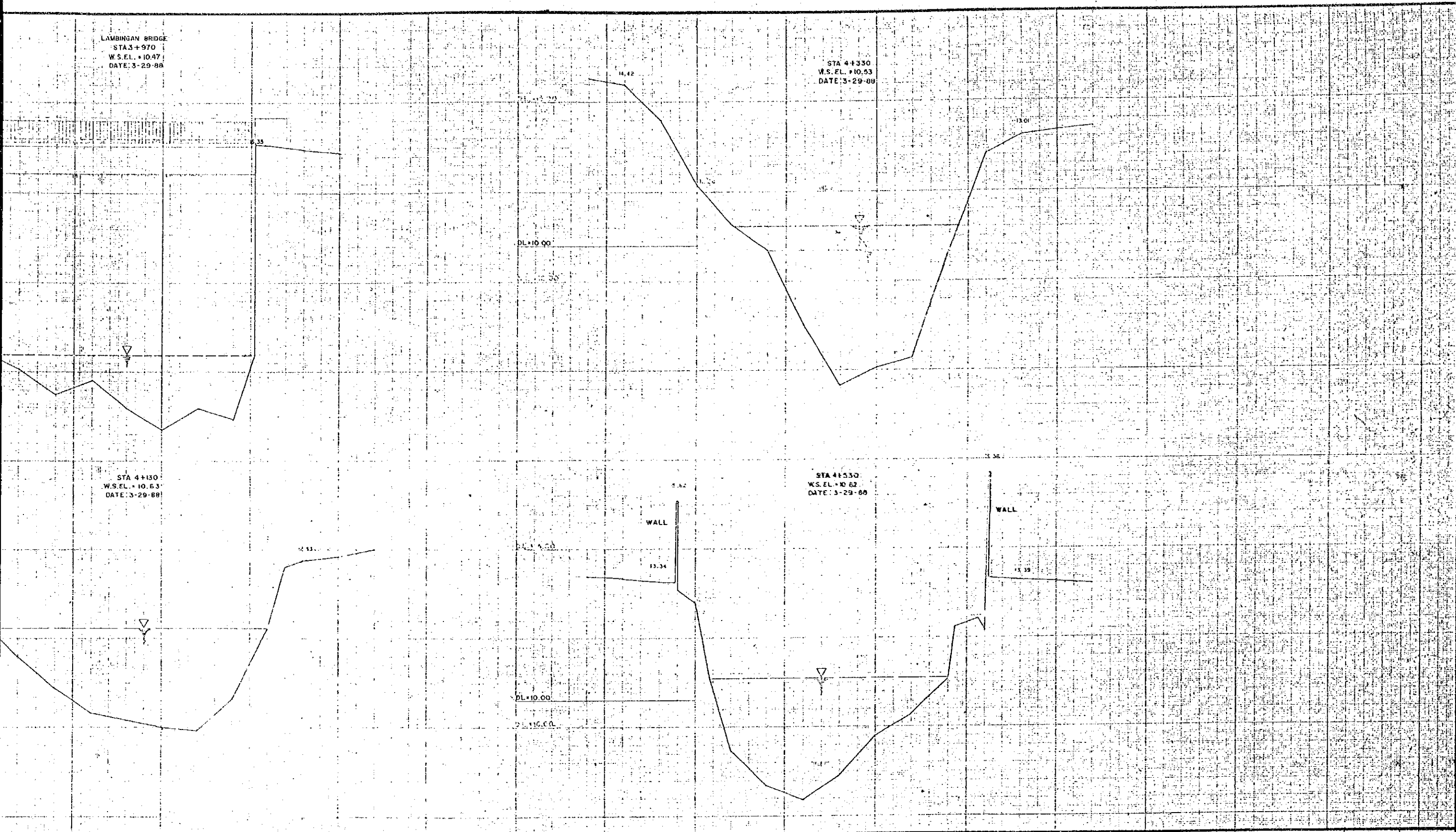
47

LAMBINGAN BRIDGE
 STA 3+970
 W.S. EL. +10.47
 DATE: 3-29-88

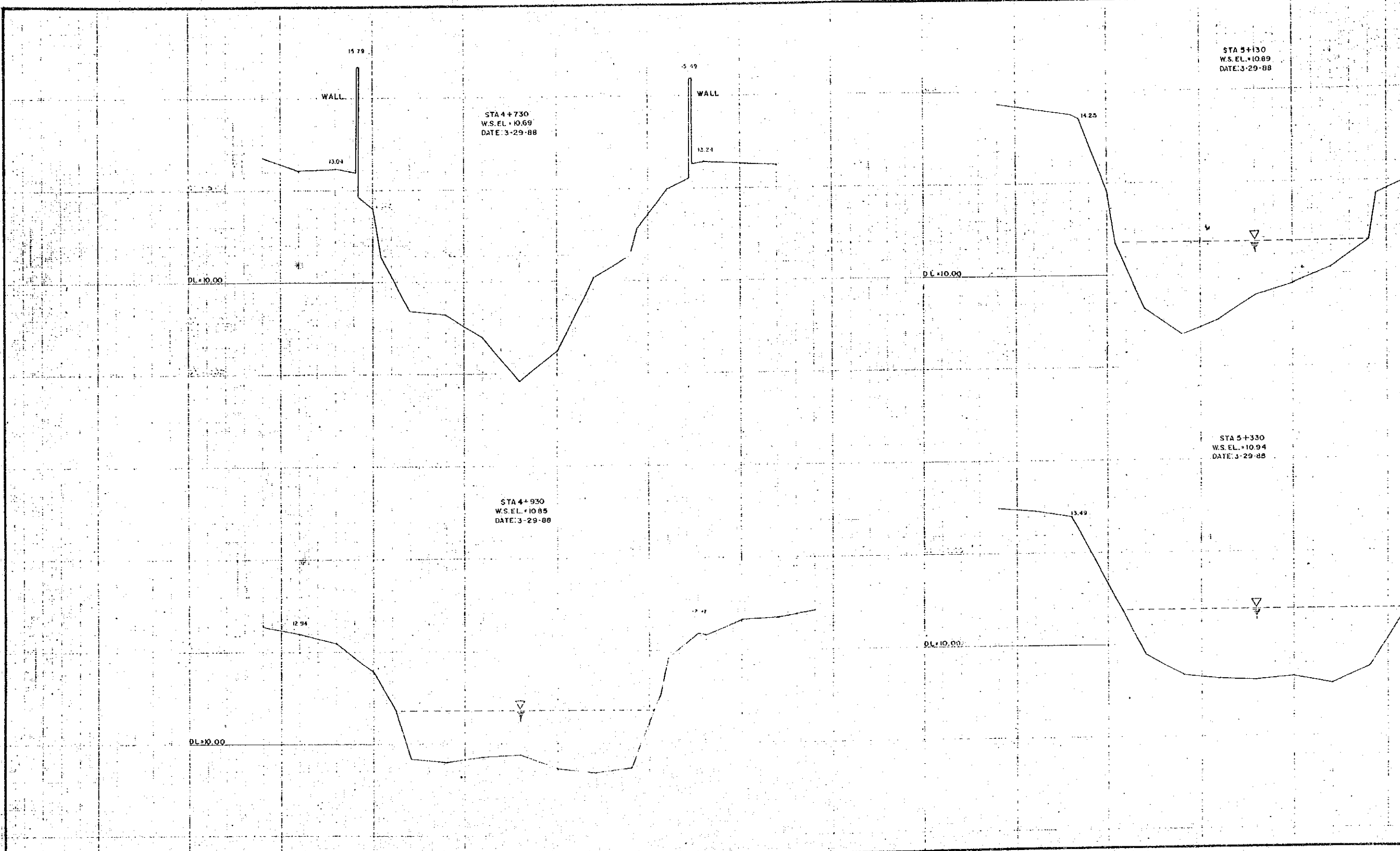
STA 4+330
 W.S. EL. +10.53
 DATE: 3-29-88

STA 4+130
 W.S. EL. +10.63
 DATE: 3-29-88

STA 4+530
 W.S. EL. +10.62
 DATE: 3-29-88



| | | | | | | | | | |
|---|--------------------|-----------------------------|-----------------|------|--|-----------------------|--|-----------------------------------|--|
| CONSULTANTS | | REPUBLIC OF THE PHILIPPINES | | DATE | | SCALE | | DRWG. NO. | |
| DATE | SIGNATURE | PROJECT ENGINEER | PROJECT MANAGER | DATE | | SCALE | | DRWG. NO. | |
| Jul 1988 | <i>[Signature]</i> | MONTE PANO | EDUARDO MANALO | DATE | | SCALE | | DRWG. NO. | |
| 8-15-88 | <i>[Signature]</i> | | | DATE | | SCALE | | DRWG. NO. | |
| 8-11-88 | <i>[Signature]</i> | | | DATE | | SCALE | | DRWG. NO. | |
| DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS | | | | | | CROSS SECTION | | HORIZONTAL 1:250 VERTICAL 1:50 | |
| SAN JUAN RIVER | | | | | | STA. 3+970 STA. 4+530 | | 6/10 | |



ACRE SURVEYING
& DEVELOPMENT

| CONSULTANTS | |
|--------------------------|--------------------------|
| DATE | SIGNATURE |
| SURVEYED BY: Jul-26-88 | <i>Charles A. Arj...</i> |
| CHECKED BY: 8-13-88 | <i>[Signature]</i> |
| PROJECT MANAGER: 8-14-88 | <i>[Signature]</i> |

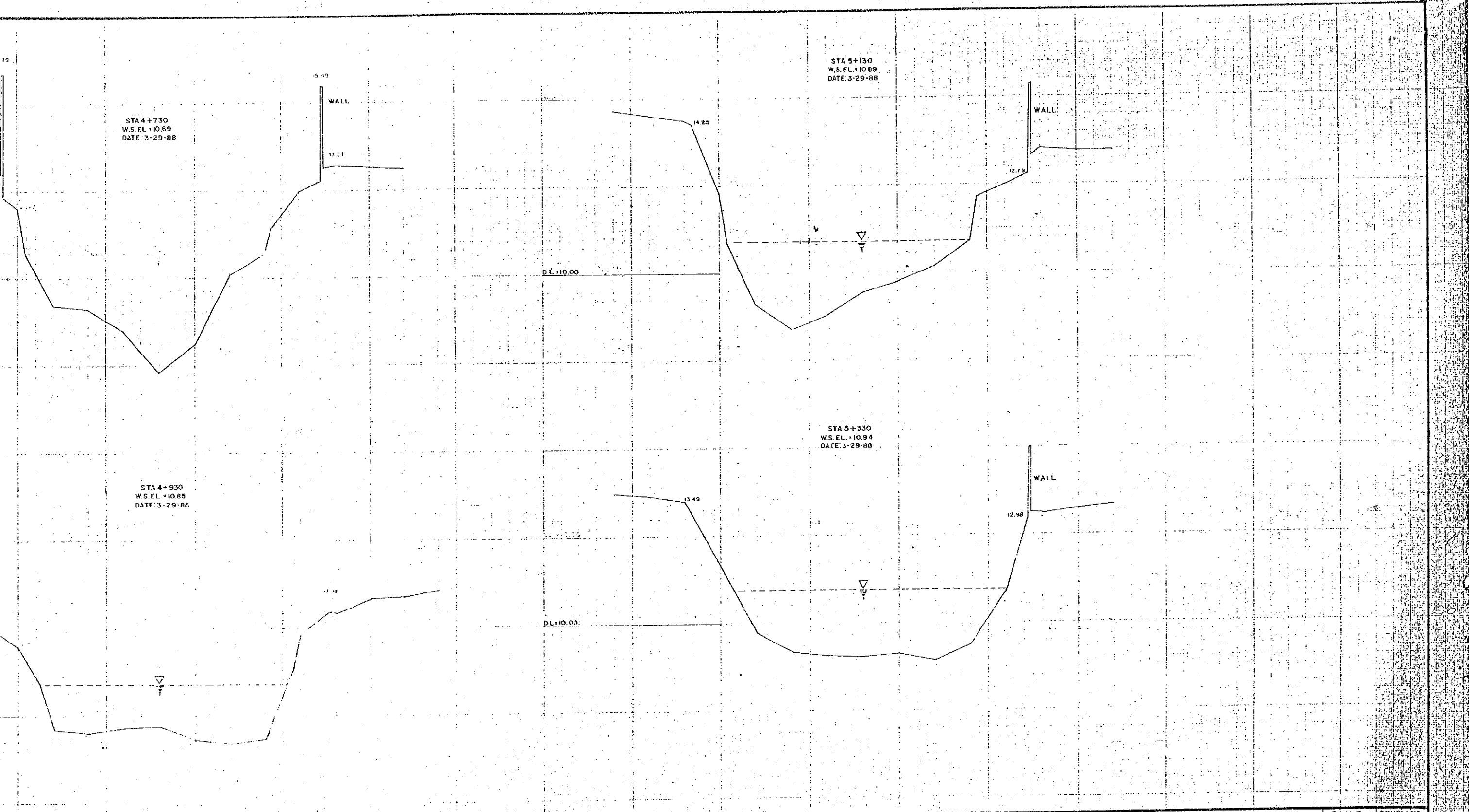



DEPARTMENT OF
PUBLIC WORKS AND HIGHWAYS

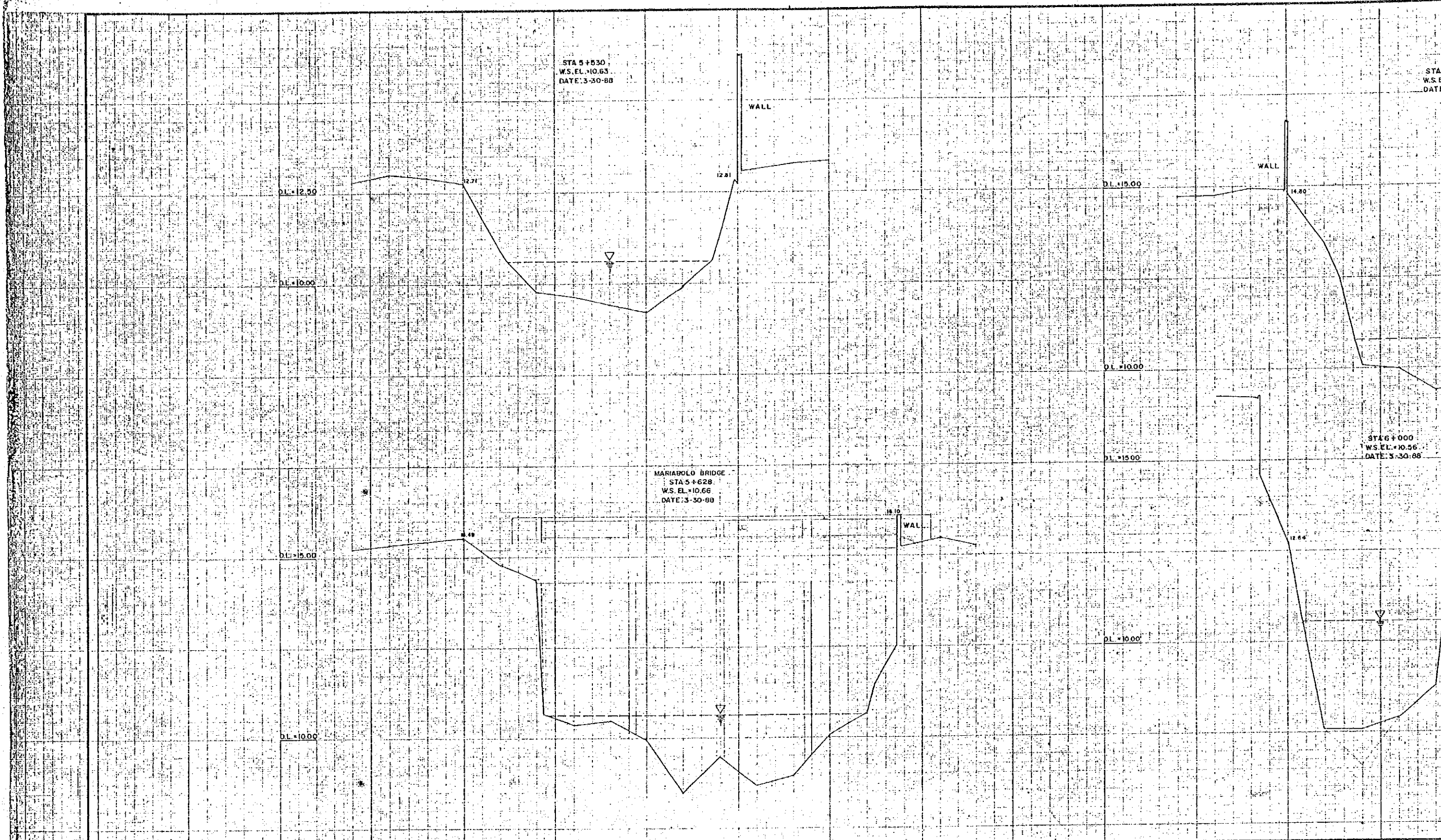
REPUBLIC OF THE PHILIPPINES

PROJECT ENGINEER
PROJECT MANAGER

NON-CONFIDENTIAL
EDGAR MANALO



| | | | | | | | |
|---|---------------------------|-------------------------------------|--|-----------------------------|--|---|--|
| CONSULTANTS | | REPUBLIC OF THE PHILIPPINES | | SCALE | | DRWG. NO. | |
| DATE | SIGNATURE | | | HORIZONTAL | | 7/10 | |
| 11-20-88 | <i>Charles de la Cruz</i> | | | 1:250 | | | |
| 8-13-88 | <i>[Signature]</i> | | | VERTICAL | | | |
| 8-14-88 | <i>[Signature]</i> | | | 1:50 | | | |
|  DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS | | PROJECT ENGINEER PROJECT MANAGER | | NORTH AND EUGENIO MANALO | | CROSS SECTION SAN JUAN RIVER STA. 4+750 - STA 5+330 | |
| | | | | A-4-9 | | | |



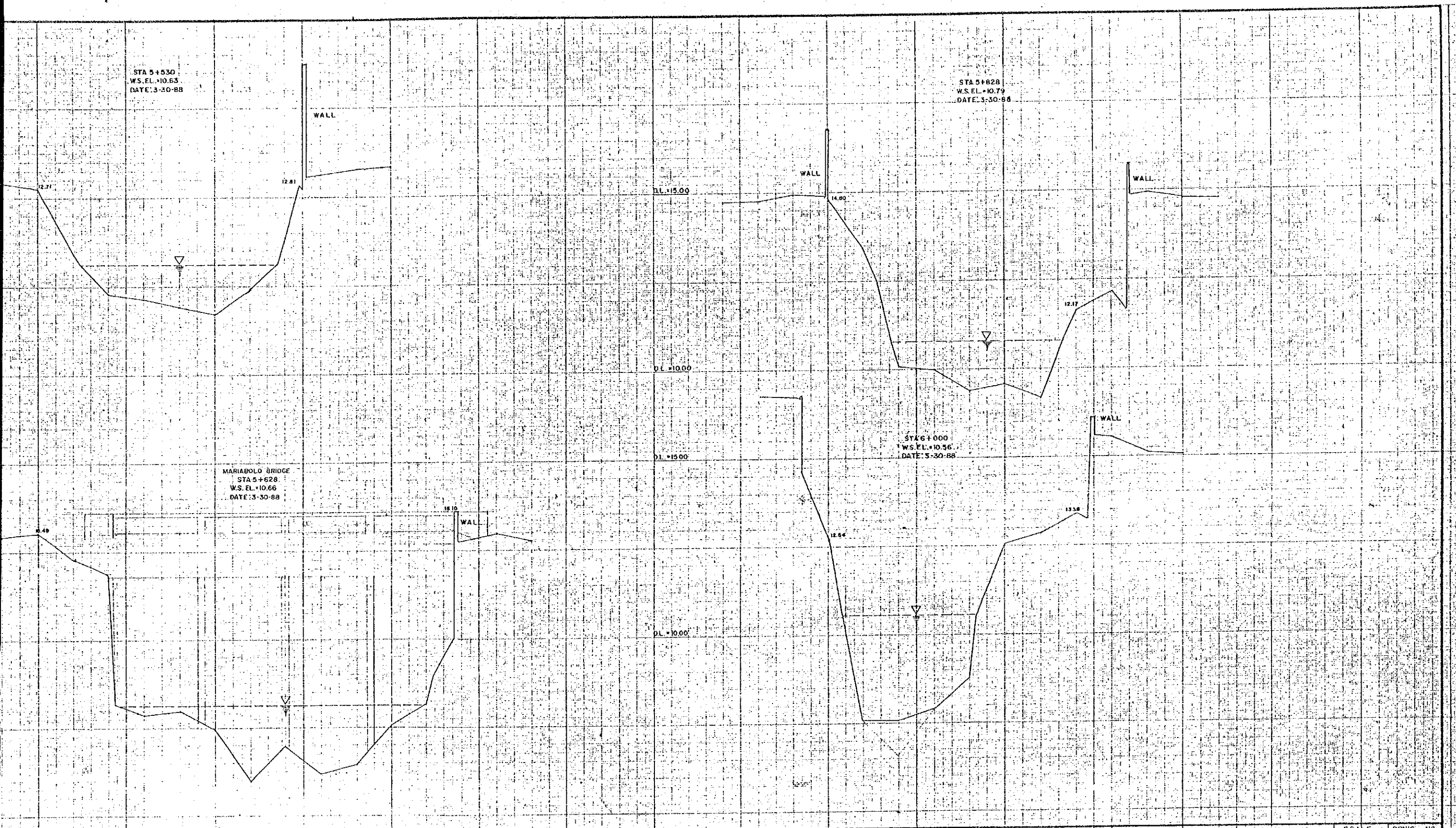
AGRE SURVEYING & DEVELOPMENT

| CONSULTANTS | | |
|--------------------------|--------------------|--|
| DATE | SIGNATURE | |
| SURVEYED BY: Jul-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

PROJECT ENGINEER
 PROJECT MANAGER
[Signature]
ENGR. S. DANALS



| | | | | | | | | | | | |
|-------------|--------------------|---|--|------------------|-----------------|-------------------|--|---------------|-----------|------------|----------|
| CONSULTANTS | | REPUBLIC OF THE PHILIPPINES | | DATE | | SIGNATURE | | SCALE | | DRWG. NO. | |
| DATE | SIGNATURE | DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS | | PROJECT ENGINEER | PROJECT MANAGER | MONTE P. SANDOVAL | | CROSS SECTION | | HORIZONTAL | 8/10 |
| 8/13/88 | <i>[Signature]</i> | SAN JUAN RIVER | | STA 5+530 | | STA 6+000 | | HORIZONTAL | 1" = 250' | VERTICAL | 1" = 50' |
| 8/14/88 | <i>[Signature]</i> | | | | | | | | | | |

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