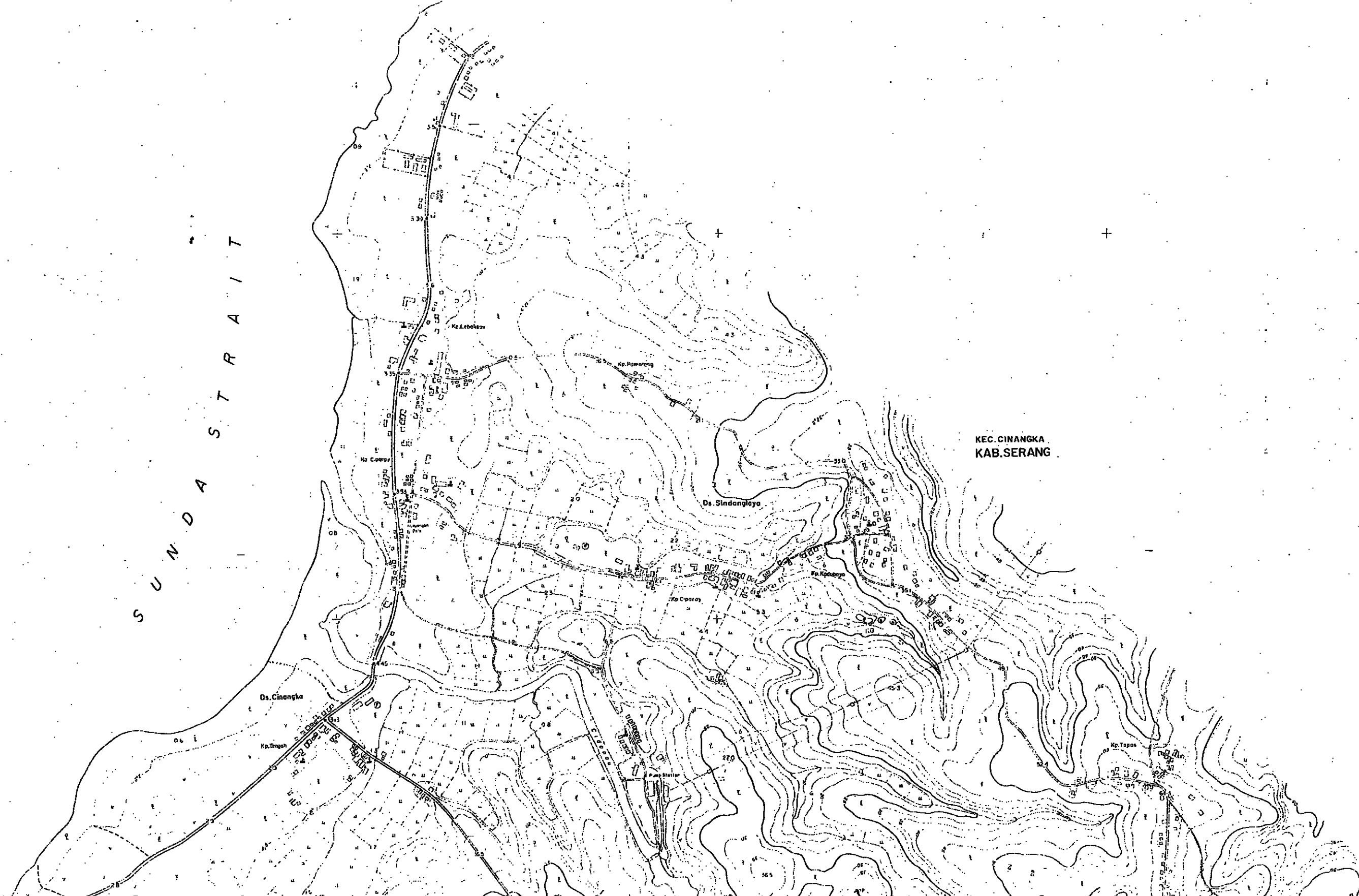


LIST OF TOPOGRAPHIC MAP

- I.1 Topographic Map on a Scale of 1 to 5,000 for Cidanau Basin
- I.2 Topographic Map on a Scale of 1 to 2,000 for Krenceng Reservoir
- I.3 Cross Section on a Scale of 1 to 400 along the existing Krenceng Dam
- I.4 Project on a Scale of 1 to 400 along the route of Beroeng Diversion Tunnel

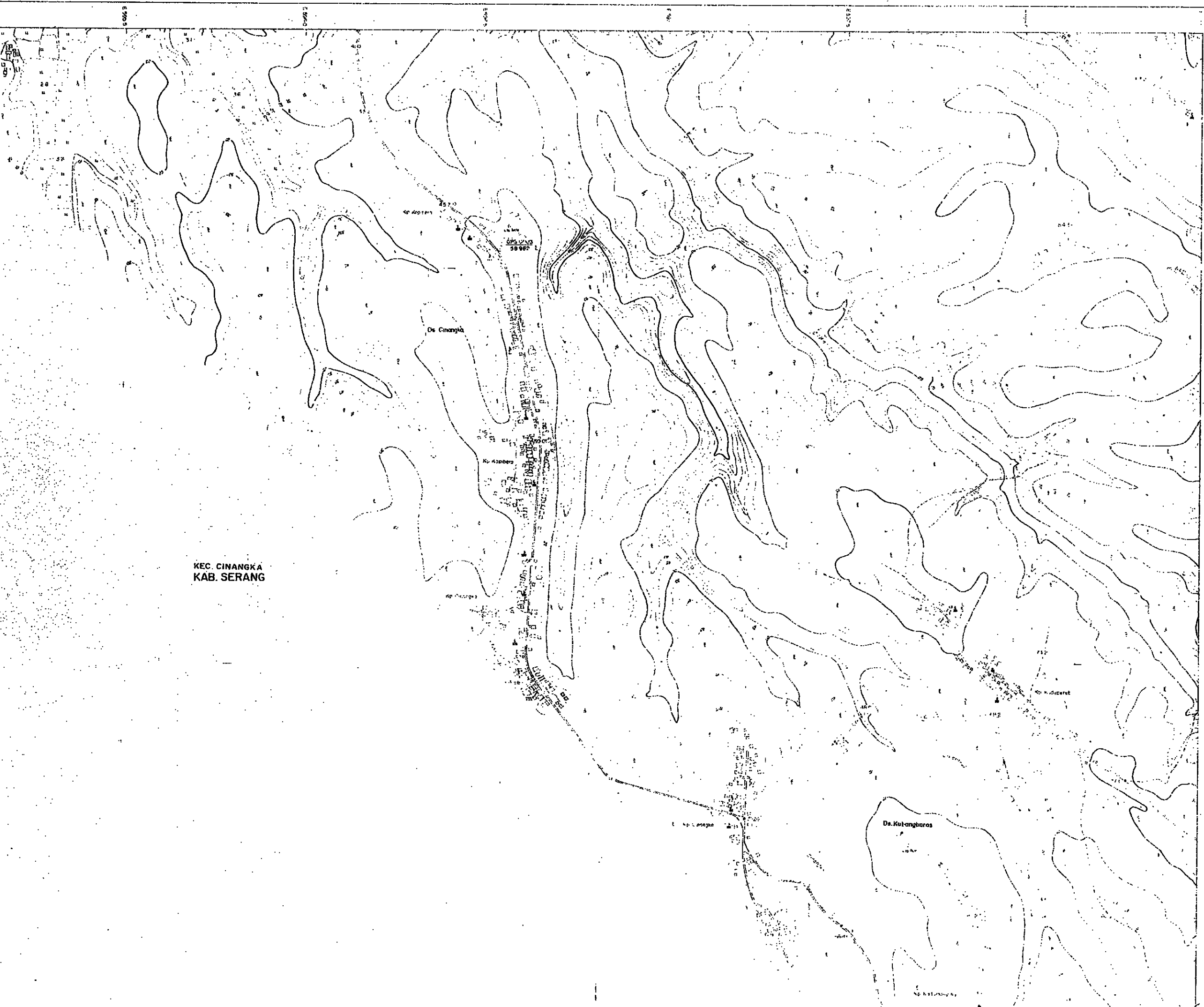
SUNDA STRAIT

KEC. CINANGKA
KAB. SERANG



Peta ini di-
daring oleh
pengguna
Sistem Pro-
Layanan
TIG. Blok-
dan P.T.





SEKALA
SCALE 1 : 5.000

LEGENDA
LEGEND

| | | | |
|----|----|----|-----|
| 1 | 10 | 20 | 30 |
| 2 | 11 | 21 | 31 |
| 3 | 12 | 22 | 32 |
| 4 | 13 | 23 | 33 |
| 5 | 14 | 24 | 34 |
| 6 | 15 | 25 | 35 |
| 7 | 16 | 26 | 36 |
| 8 | 17 | 27 | 37 |
| 9 | 18 | 28 | 38 |
| 10 | 19 | 29 | 39 |
| 11 | 20 | 30 | 40 |
| 12 | 21 | 31 | 41 |
| 13 | 22 | 32 | 42 |
| 14 | 23 | 33 | 43 |
| 15 | 24 | 34 | 44 |
| 16 | 25 | 35 | 45 |
| 17 | 26 | 36 | 46 |
| 18 | 27 | 37 | 47 |
| 19 | 28 | 38 | 48 |
| 20 | 29 | 39 | 49 |
| 21 | 30 | 40 | 50 |
| 22 | 31 | 41 | 51 |
| 23 | 32 | 42 | 52 |
| 24 | 33 | 43 | 53 |
| 25 | 34 | 44 | 54 |
| 26 | 35 | 45 | 55 |
| 27 | 36 | 46 | 56 |
| 28 | 37 | 47 | 57 |
| 29 | 38 | 48 | 58 |
| 30 | 39 | 49 | 59 |
| 31 | 40 | 50 | 60 |
| 32 | 41 | 51 | 61 |
| 33 | 42 | 52 | 62 |
| 34 | 43 | 53 | 63 |
| 35 | 44 | 54 | 64 |
| 36 | 45 | 55 | 65 |
| 37 | 46 | 56 | 66 |
| 38 | 47 | 57 | 67 |
| 39 | 48 | 58 | 68 |
| 40 | 49 | 59 | 69 |
| 41 | 50 | 60 | 70 |
| 42 | 51 | 61 | 71 |
| 43 | 52 | 62 | 72 |
| 44 | 53 | 63 | 73 |
| 45 | 54 | 64 | 74 |
| 46 | 55 | 65 | 75 |
| 47 | 56 | 66 | 76 |
| 48 | 57 | 67 | 77 |
| 49 | 58 | 68 | 78 |
| 50 | 59 | 69 | 79 |
| 51 | 60 | 70 | 80 |
| 52 | 61 | 71 | 81 |
| 53 | 62 | 72 | 82 |
| 54 | 63 | 73 | 83 |
| 55 | 64 | 74 | 84 |
| 56 | 65 | 75 | 85 |
| 57 | 66 | 76 | 86 |
| 58 | 67 | 77 | 87 |
| 59 | 68 | 78 | 88 |
| 60 | 69 | 79 | 89 |
| 61 | 70 | 80 | 90 |
| 62 | 71 | 81 | 91 |
| 63 | 72 | 82 | 92 |
| 64 | 73 | 83 | 93 |
| 65 | 74 | 84 | 94 |
| 66 | 75 | 85 | 95 |
| 67 | 76 | 86 | 96 |
| 68 | 77 | 87 | 97 |
| 69 | 78 | 88 | 98 |
| 70 | 79 | 89 | 99 |
| 71 | 80 | 90 | 100 |

PETUNJUK LEMBAR
INDEX TO ADJOINING SHEETS

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 2 | 3 | 4 |
| 3 | 4 | 5 |
| 4 | 5 | 6 |

REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

PHOTOGRAMMETRIC MAP
CIDANAU - CIBANTEN

N9300

N9305

N9310

N9315

N9320

N9325

KEC. CINANGKA
KAB. SERANG

Ds. Cinangka

Kp. Kibero

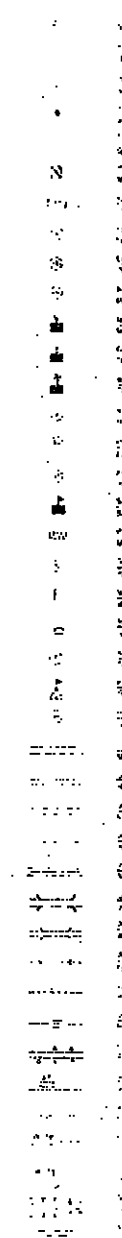
Kp. Cinangra

Kp. Cango

Ds. Kubangporos

Kp. Hasimulya

Kp. Kiborant



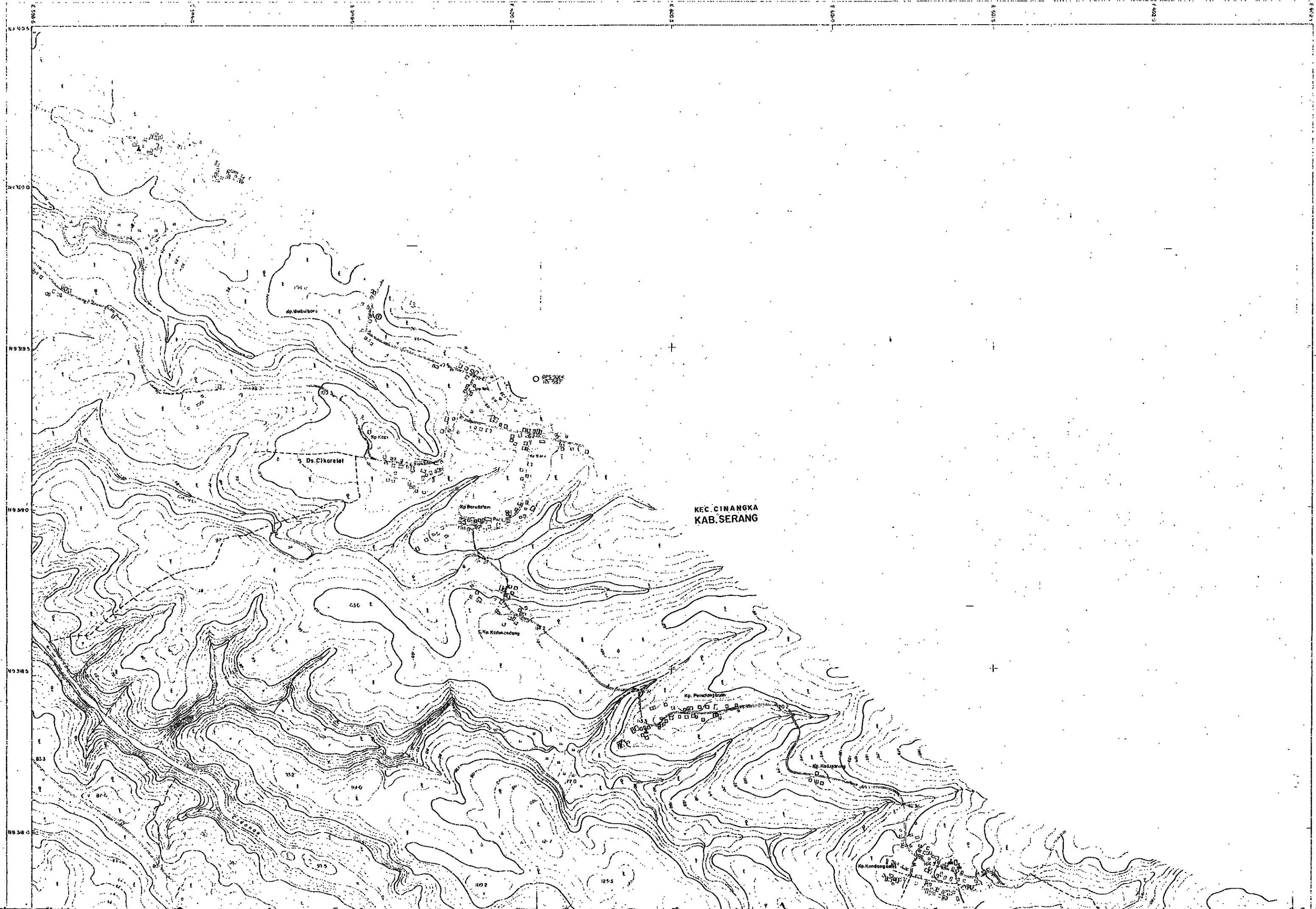
Scale
1:50,000



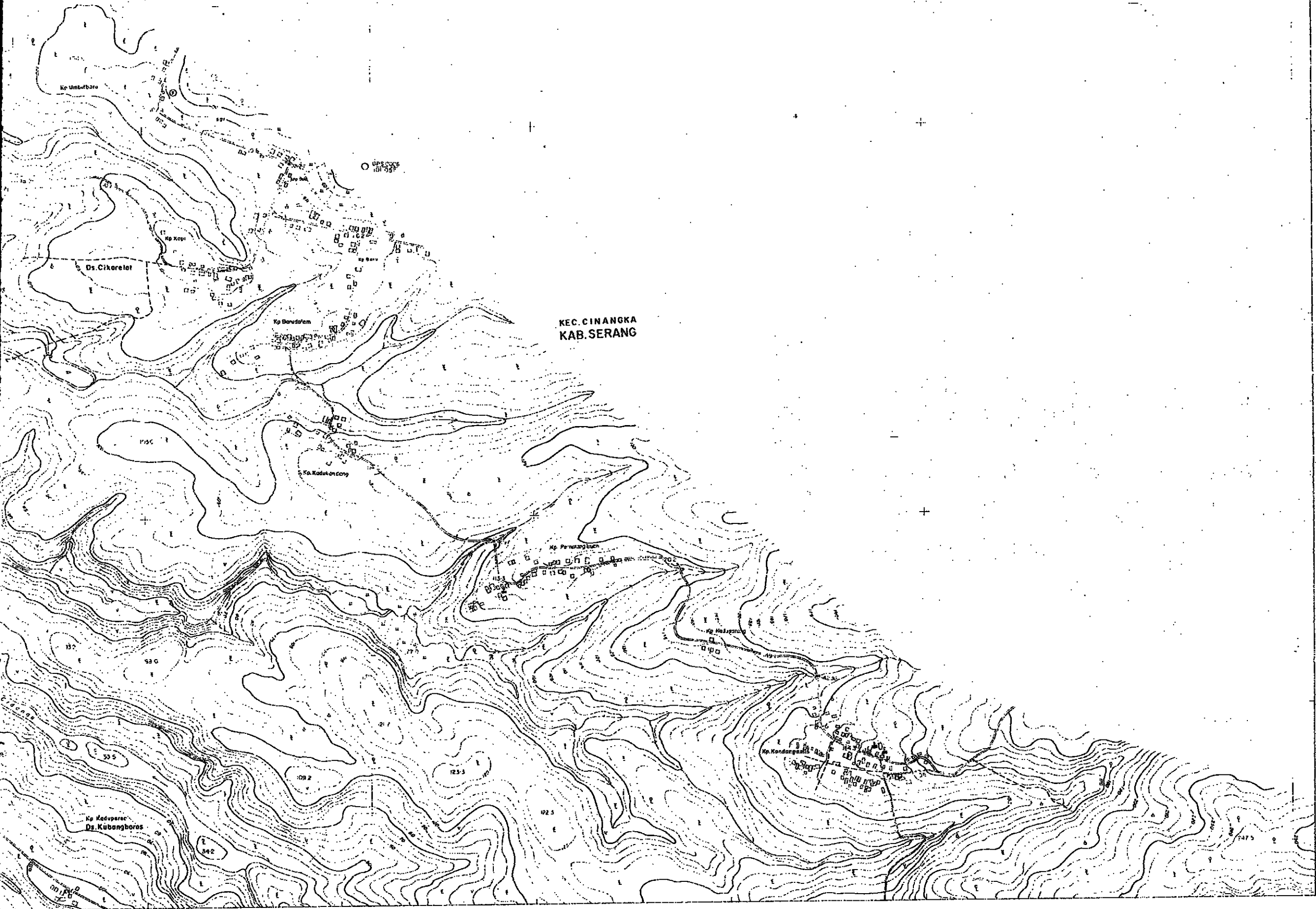
WATER RESOURCES
SCALE

NOVEMBER

JAPAN



Scale: 1:50,000
Projection: UTM
Datum: WGS 84
Elevation: in meters
Contour Interval: 5 meters
Map Sheet: J 1200
Scale of Denominator: 50000
Projection: UTM
Datum: WGS 84
Elevation: in meters
Contour Interval: 5 meters
Map Sheet: J 1200



KEC. CINANGKA
KAB. SERANG

SCALE

LEGENDA
LEGEND

| | | |
|----|------------------------|------------------------|
| 1 | 1:1000 | 1:1000 |
| 2 | 1:2000 | 1:2000 |
| 3 | 1:5000 | 1:5000 |
| 4 | 1:10000 | 1:10000 |
| 5 | 1:20000 | 1:20000 |
| 6 | 1:50000 | 1:50000 |
| 7 | 1:100000 | 1:100000 |
| 8 | 1:200000 | 1:200000 |
| 9 | 1:500000 | 1:500000 |
| 10 | 1:1000000 | 1:1000000 |
| 11 | 1:2000000 | 1:2000000 |
| 12 | 1:5000000 | 1:5000000 |
| 13 | 1:10000000 | 1:10000000 |
| 14 | 1:20000000 | 1:20000000 |
| 15 | 1:50000000 | 1:50000000 |
| 16 | 1:100000000 | 1:100000000 |
| 17 | 1:200000000 | 1:200000000 |
| 18 | 1:500000000 | 1:500000000 |
| 19 | 1:1000000000 | 1:1000000000 |
| 20 | 1:2000000000 | 1:2000000000 |
| 21 | 1:5000000000 | 1:5000000000 |
| 22 | 1:10000000000 | 1:10000000000 |
| 23 | 1:20000000000 | 1:20000000000 |
| 24 | 1:50000000000 | 1:50000000000 |
| 25 | 1:100000000000 | 1:100000000000 |
| 26 | 1:200000000000 | 1:200000000000 |
| 27 | 1:500000000000 | 1:500000000000 |
| 28 | 1:1000000000000 | 1:1000000000000 |
| 29 | 1:2000000000000 | 1:2000000000000 |
| 30 | 1:5000000000000 | 1:5000000000000 |
| 31 | 1:10000000000000 | 1:10000000000000 |
| 32 | 1:20000000000000 | 1:20000000000000 |
| 33 | 1:50000000000000 | 1:50000000000000 |
| 34 | 1:100000000000000 | 1:100000000000000 |
| 35 | 1:200000000000000 | 1:200000000000000 |
| 36 | 1:500000000000000 | 1:500000000000000 |
| 37 | 1:1000000000000000 | 1:1000000000000000 |
| 38 | 1:2000000000000000 | 1:2000000000000000 |
| 39 | 1:5000000000000000 | 1:5000000000000000 |
| 40 | 1:10000000000000000 | 1:10000000000000000 |
| 41 | 1:20000000000000000 | 1:20000000000000000 |
| 42 | 1:50000000000000000 | 1:50000000000000000 |
| 43 | 1:100000000000000000 | 1:100000000000000000 |
| 44 | 1:200000000000000000 | 1:200000000000000000 |
| 45 | 1:500000000000000000 | 1:500000000000000000 |
| 46 | 1:1000000000000000000 | 1:1000000000000000000 |
| 47 | 1:2000000000000000000 | 1:2000000000000000000 |
| 48 | 1:5000000000000000000 | 1:5000000000000000000 |
| 49 | 1:10000000000000000000 | 1:10000000000000000000 |
| 50 | 1:20000000000000000000 | 1:20000000000000000000 |

PETA LEMBAR
INDEX TO ADJOINING SHEETS

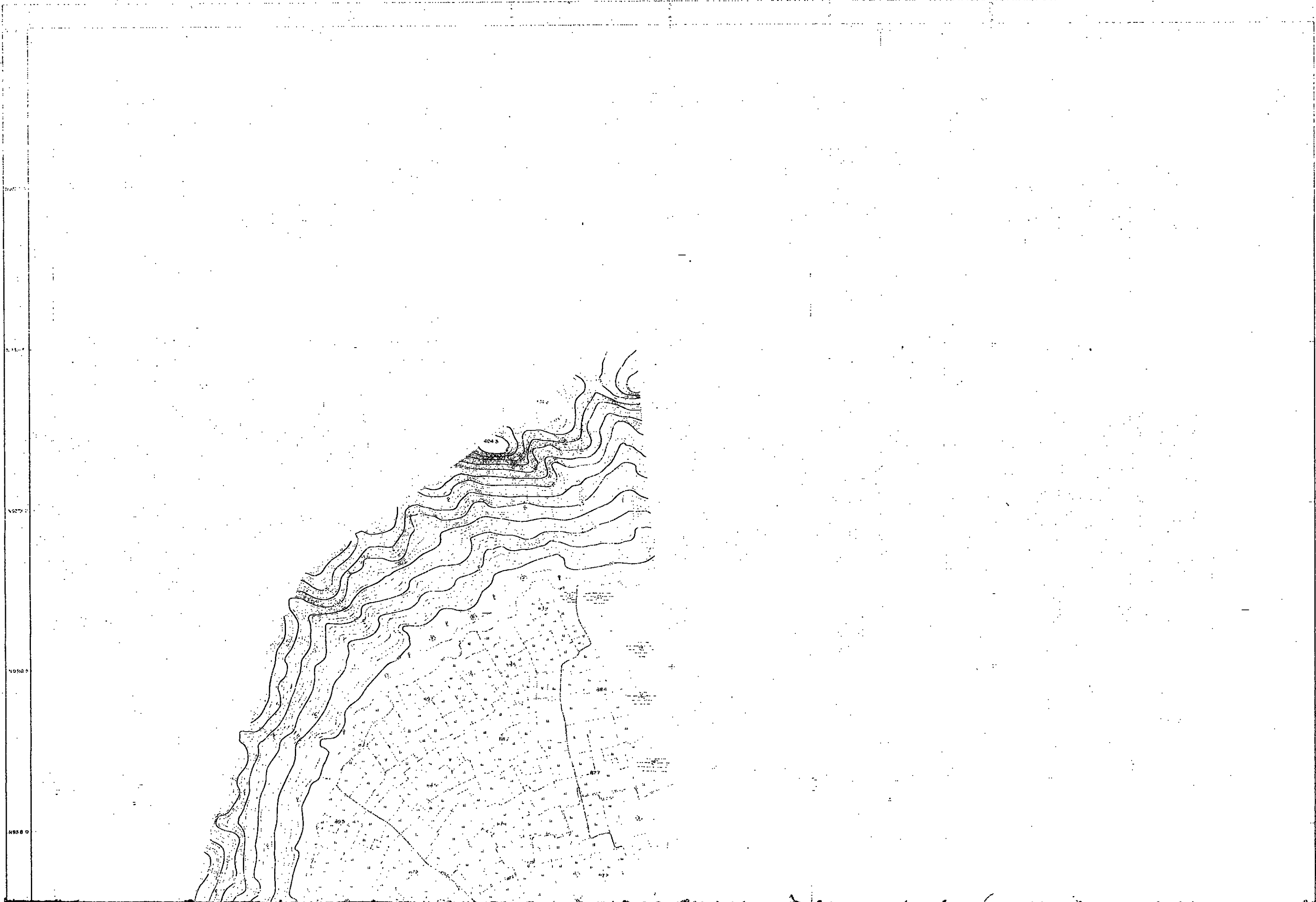
| | | |
|---|---|---|
| 1 | | |
| 2 | 3 | 4 |
| 5 | 6 | 7 |

REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

PHOTOGRAMMETRIC MAP
CIDANAU - CIBANTEN
WATER RESOURCES DEVELOPMENT PROJECT
SCALE 1 : 5,000, CONTOUR INTERVAL 5 m

NOVEMBER 1980 - MARCH 1981 SHEET NO. 3 OF 7

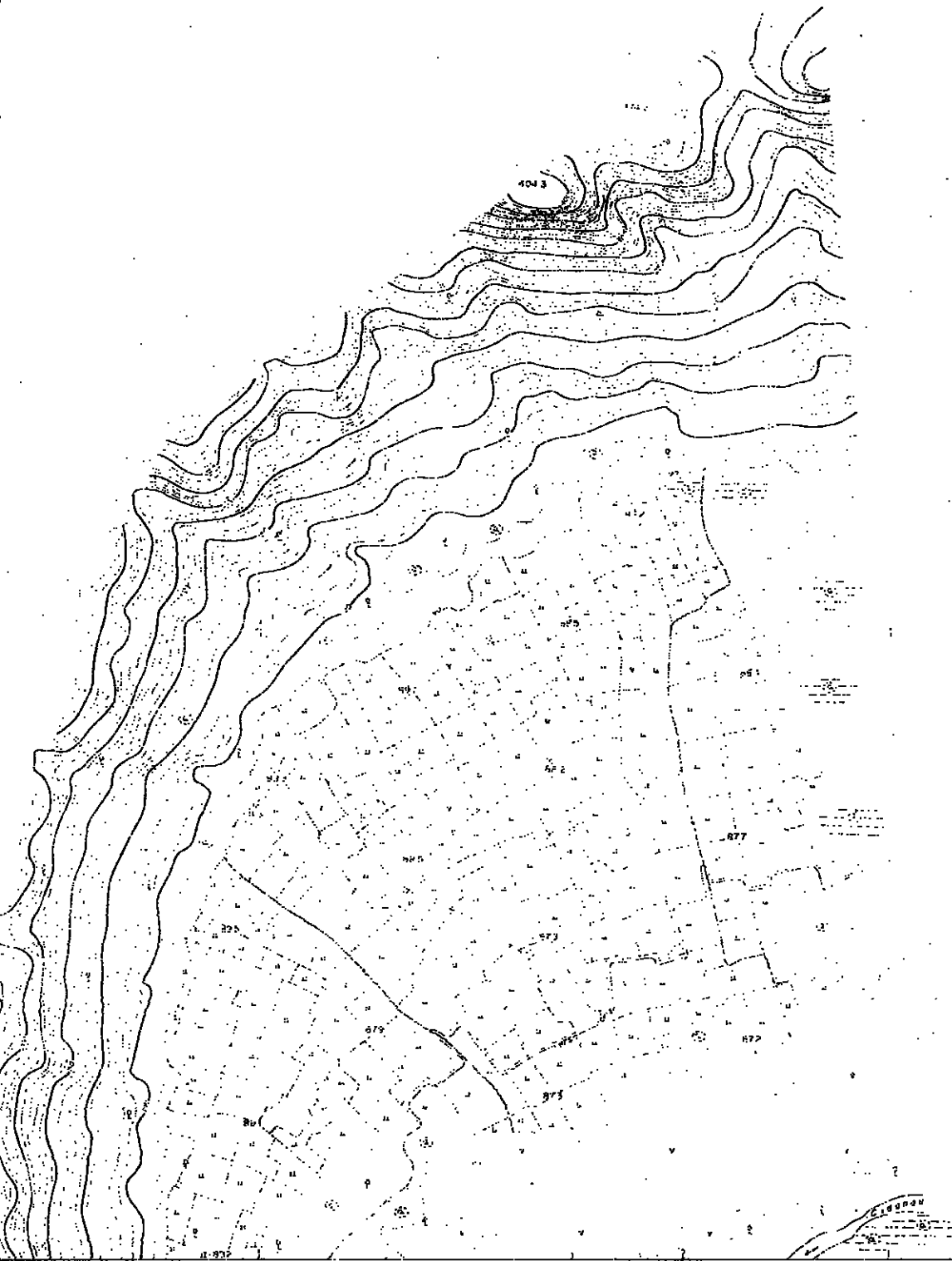
JAPAN INTERNATIONAL COOPERATION AGENCY



4045
4025
4000
3980

Part 21 of the
Jering Hill
Development
2010
The block A
2010





SCALE 1 : 5,000

LEGENDA
LL.3310

| | | |
|-----|---|--------------------------------------|
| 1 | Contour Interval 5 m | 1:1 |
| 2 | Contour Interval 10 m | 1:2 |
| 3 | Contour Interval 20 m | 1:4 |
| 4 | Contour Interval 50 m | 1:10 |
| 5 | Contour Interval 100 m | 1:20 |
| 6 | Contour Interval 200 m | 1:40 |
| 7 | Contour Interval 500 m | 1:100 |
| 8 | Contour Interval 1000 m | 1:200 |
| 9 | Contour Interval 2000 m | 1:400 |
| 10 | Contour Interval 5000 m | 1:1000 |
| 11 | Contour Interval 10000 m | 1:2000 |
| 12 | Contour Interval 20000 m | 1:4000 |
| 13 | Contour Interval 50000 m | 1:10000 |
| 14 | Contour Interval 100000 m | 1:20000 |
| 15 | Contour Interval 200000 m | 1:40000 |
| 16 | Contour Interval 500000 m | 1:100000 |
| 17 | Contour Interval 1000000 m | 1:200000 |
| 18 | Contour Interval 2000000 m | 1:400000 |
| 19 | Contour Interval 5000000 m | 1:1000000 |
| 20 | Contour Interval 10000000 m | 1:2000000 |
| 21 | Contour Interval 20000000 m | 1:4000000 |
| 22 | Contour Interval 50000000 m | 1:10000000 |
| 23 | Contour Interval 100000000 m | 1:20000000 |
| 24 | Contour Interval 200000000 m | 1:40000000 |
| 25 | Contour Interval 500000000 m | 1:100000000 |
| 26 | Contour Interval 1000000000 m | 1:200000000 |
| 27 | Contour Interval 2000000000 m | 1:400000000 |
| 28 | Contour Interval 5000000000 m | 1:1000000000 |
| 29 | Contour Interval 10000000000 m | 1:2000000000 |
| 30 | Contour Interval 20000000000 m | 1:4000000000 |
| 31 | Contour Interval 50000000000 m | 1:10000000000 |
| 32 | Contour Interval 100000000000 m | 1:20000000000 |
| 33 | Contour Interval 200000000000 m | 1:40000000000 |
| 34 | Contour Interval 500000000000 m | 1:100000000000 |
| 35 | Contour Interval 1000000000000 m | 1:200000000000 |
| 36 | Contour Interval 2000000000000 m | 1:400000000000 |
| 37 | Contour Interval 5000000000000 m | 1:1000000000000 |
| 38 | Contour Interval 10000000000000 m | 1:2000000000000 |
| 39 | Contour Interval 20000000000000 m | 1:4000000000000 |
| 40 | Contour Interval 50000000000000 m | 1:10000000000000 |
| 41 | Contour Interval 100000000000000 m | 1:20000000000000 |
| 42 | Contour Interval 200000000000000 m | 1:40000000000000 |
| 43 | Contour Interval 500000000000000 m | 1:100000000000000 |
| 44 | Contour Interval 1000000000000000 m | 1:200000000000000 |
| 45 | Contour Interval 2000000000000000 m | 1:400000000000000 |
| 46 | Contour Interval 5000000000000000 m | 1:1000000000000000 |
| 47 | Contour Interval 10000000000000000 m | 1:2000000000000000 |
| 48 | Contour Interval 20000000000000000 m | 1:4000000000000000 |
| 49 | Contour Interval 50000000000000000 m | 1:10000000000000000 |
| 50 | Contour Interval 100000000000000000 m | 1:20000000000000000 |
| 51 | Contour Interval 200000000000000000 m | 1:40000000000000000 |
| 52 | Contour Interval 500000000000000000 m | 1:100000000000000000 |
| 53 | Contour Interval 1000000000000000000 m | 1:200000000000000000 |
| 54 | Contour Interval 2000000000000000000 m | 1:400000000000000000 |
| 55 | Contour Interval 5000000000000000000 m | 1:1000000000000000000 |
| 56 | Contour Interval 10000000000000000000 m | 1:2000000000000000000 |
| 57 | Contour Interval 20000000000000000000 m | 1:4000000000000000000 |
| 58 | Contour Interval 50000000000000000000 m | 1:10000000000000000000 |
| 59 | Contour Interval 100000000000000000000 m | 1:20000000000000000000 |
| 60 | Contour Interval 200000000000000000000 m | 1:40000000000000000000 |
| 61 | Contour Interval 500000000000000000000 m | 1:100000000000000000000 |
| 62 | Contour Interval 1000000000000000000000 m | 1:200000000000000000000 |
| 63 | Contour Interval 2000000000000000000000 m | 1:400000000000000000000 |
| 64 | Contour Interval 5000000000000000000000 m | 1:1000000000000000000000 |
| 65 | Contour Interval 10000000000000000000000 m | 1:2000000000000000000000 |
| 66 | Contour Interval 20000000000000000000000 m | 1:4000000000000000000000 |
| 67 | Contour Interval 50000000000000000000000 m | 1:10000000000000000000000 |
| 68 | Contour Interval 100000000000000000000000 m | 1:20000000000000000000000 |
| 69 | Contour Interval 200000000000000000000000 m | 1:40000000000000000000000 |
| 70 | Contour Interval 500000000000000000000000 m | 1:100000000000000000000000 |
| 71 | Contour Interval 1000000000000000000000000 m | 1:200000000000000000000000 |
| 72 | Contour Interval 2000000000000000000000000 m | 1:400000000000000000000000 |
| 73 | Contour Interval 5000000000000000000000000 m | 1:1000000000000000000000000 |
| 74 | Contour Interval 10000000000000000000000000 m | 1:2000000000000000000000000 |
| 75 | Contour Interval 20000000000000000000000000 m | 1:4000000000000000000000000 |
| 76 | Contour Interval 50000000000000000000000000 m | 1:10000000000000000000000000 |
| 77 | Contour Interval 100000000000000000000000000 m | 1:20000000000000000000000000 |
| 78 | Contour Interval 200000000000000000000000000 m | 1:40000000000000000000000000 |
| 79 | Contour Interval 500000000000000000000000000 m | 1:100000000000000000000000000 |
| 80 | Contour Interval 1000000000000000000000000000 m | 1:200000000000000000000000000 |
| 81 | Contour Interval 2000000000000000000000000000 m | 1:400000000000000000000000000 |
| 82 | Contour Interval 5000000000000000000000000000 m | 1:1000000000000000000000000000 |
| 83 | Contour Interval 10000000000000000000000000000 m | 1:2000000000000000000000000000 |
| 84 | Contour Interval 20000000000000000000000000000 m | 1:4000000000000000000000000000 |
| 85 | Contour Interval 50000000000000000000000000000 m | 1:10000000000000000000000000000 |
| 86 | Contour Interval 100000000000000000000000000000 m | 1:20000000000000000000000000000 |
| 87 | Contour Interval 200000000000000000000000000000 m | 1:40000000000000000000000000000 |
| 88 | Contour Interval 500000000000000000000000000000 m | 1:100000000000000000000000000000 |
| 89 | Contour Interval 1000000000000000000000000000000 m | 1:200000000000000000000000000000 |
| 90 | Contour Interval 2000000000000000000000000000000 m | 1:400000000000000000000000000000 |
| 91 | Contour Interval 5000000000000000000000000000000 m | 1:1000000000000000000000000000000 |
| 92 | Contour Interval 10000000000000000000000000000000 m | 1:2000000000000000000000000000000 |
| 93 | Contour Interval 20000000000000000000000000000000 m | 1:4000000000000000000000000000000 |
| 94 | Contour Interval 50000000000000000000000000000000 m | 1:10000000000000000000000000000000 |
| 95 | Contour Interval 100000000000000000000000000000000 m | 1:20000000000000000000000000000000 |
| 96 | Contour Interval 200000000000000000000000000000000 m | 1:40000000000000000000000000000000 |
| 97 | Contour Interval 500000000000000000000000000000000 m | 1:100000000000000000000000000000000 |
| 98 | Contour Interval 1000000000000000000000000000000000 m | 1:200000000000000000000000000000000 |
| 99 | Contour Interval 2000000000000000000000000000000000 m | 1:400000000000000000000000000000000 |
| 100 | Contour Interval 5000000000000000000000000000000000 m | 1:1000000000000000000000000000000000 |

PETUNJUK LEMBAR
INDEX TO ADJOINING SHEETS

| | | |
|---|---|--|
| | | |
| 3 | 4 | |
| 6 | 7 | |

Peta ini dibuat secara fotogrametri dari foto udara tahun 1991 skala 1 : 20.000.
 Untuk lebih akurat peta ini dibuat dengan menggunakan Sistem Koordinat Geografis (GCS) dan
 proyeksi UTM dengan datum WGS 84 - Clarke. Untuk Water Resources
 Development.
 Sistem Proyeksi UTM dengan datum Indonesia Datum '74 zone 48. Untuk lebih
 akurat peta ini dibuat dengan menggunakan Sistem Koordinat Geografis (GCS) dan
 proyeksi UTM dengan datum WGS 84 - Clarke. Untuk Water Resources
 Development.

REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

PHOTOGRAMMETRIC MAP
CIDANAU - CIBANTEN
 WATER RESOURCES DEVELOPMENT PROJECT
 SCALE 1 : 5,000, CONTOUR INTERVAL 5 m

NOVEMBER 1990 - MARCH 1991 SHEET NO. 4 OF 7

JAPAN INTERNATIONAL COOPERATION AGENCY

KEC. CIMANGKA
KAB. SERANG

N9270

N9365

N9380

N9385

N9350

N9345

Peta
Jaring
Pengukuran
Datar
Tinggi
dan
Jarak

WATI

JAP

KRENCENG RESERVOIR

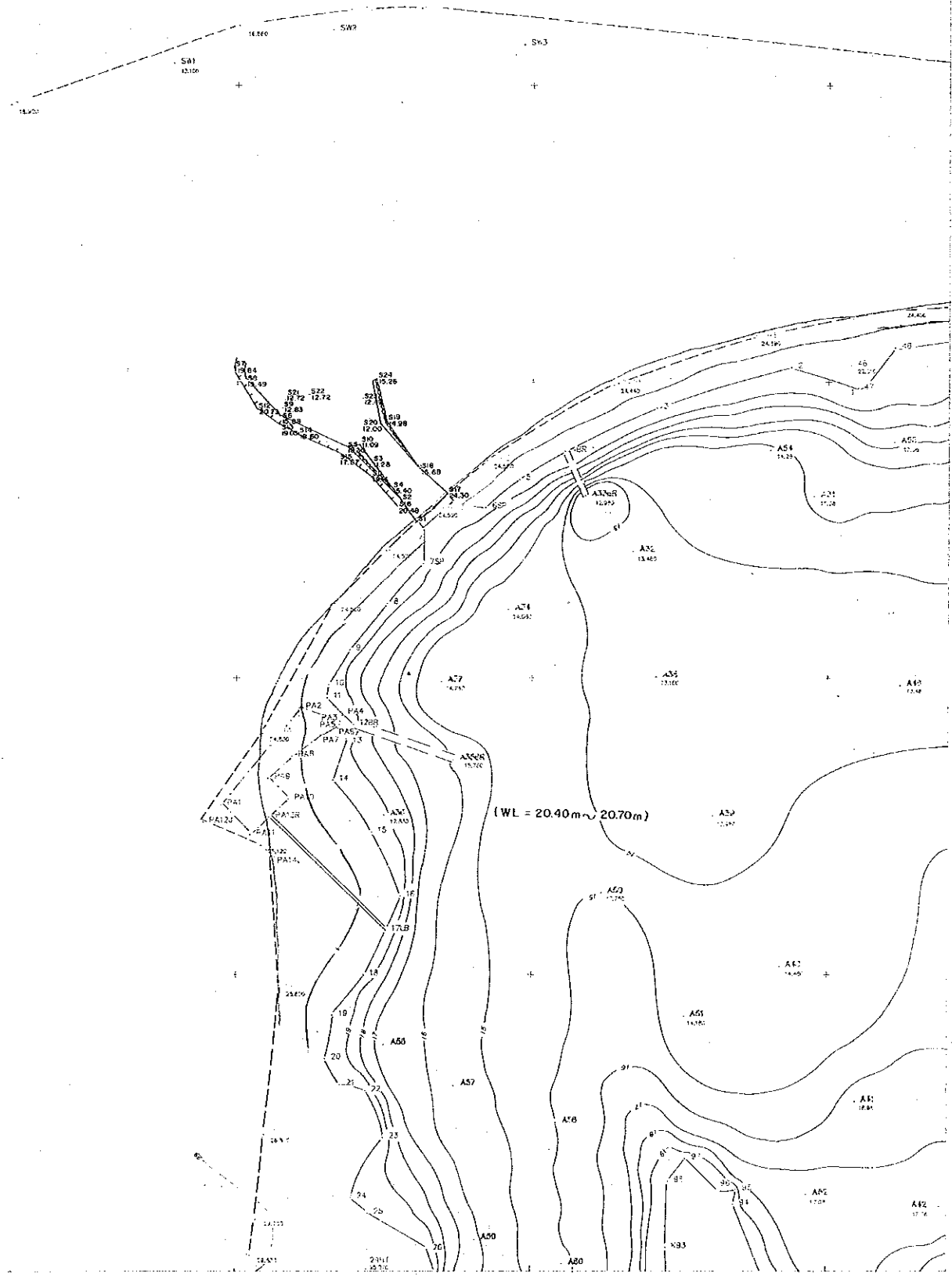
3370

3170

2970

2770

2570



550

750

950

1150

1350

1550

SEKALA
SCALE 1 : 2,000



PETUNJUK LEMBAR
INDEX TO ADJOINING SHEETS

| | |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 7 | |

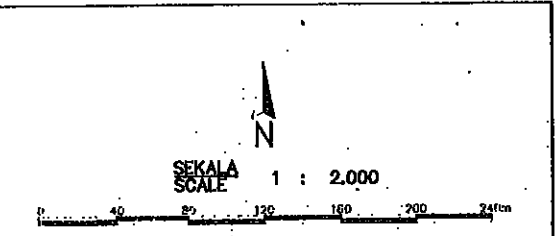
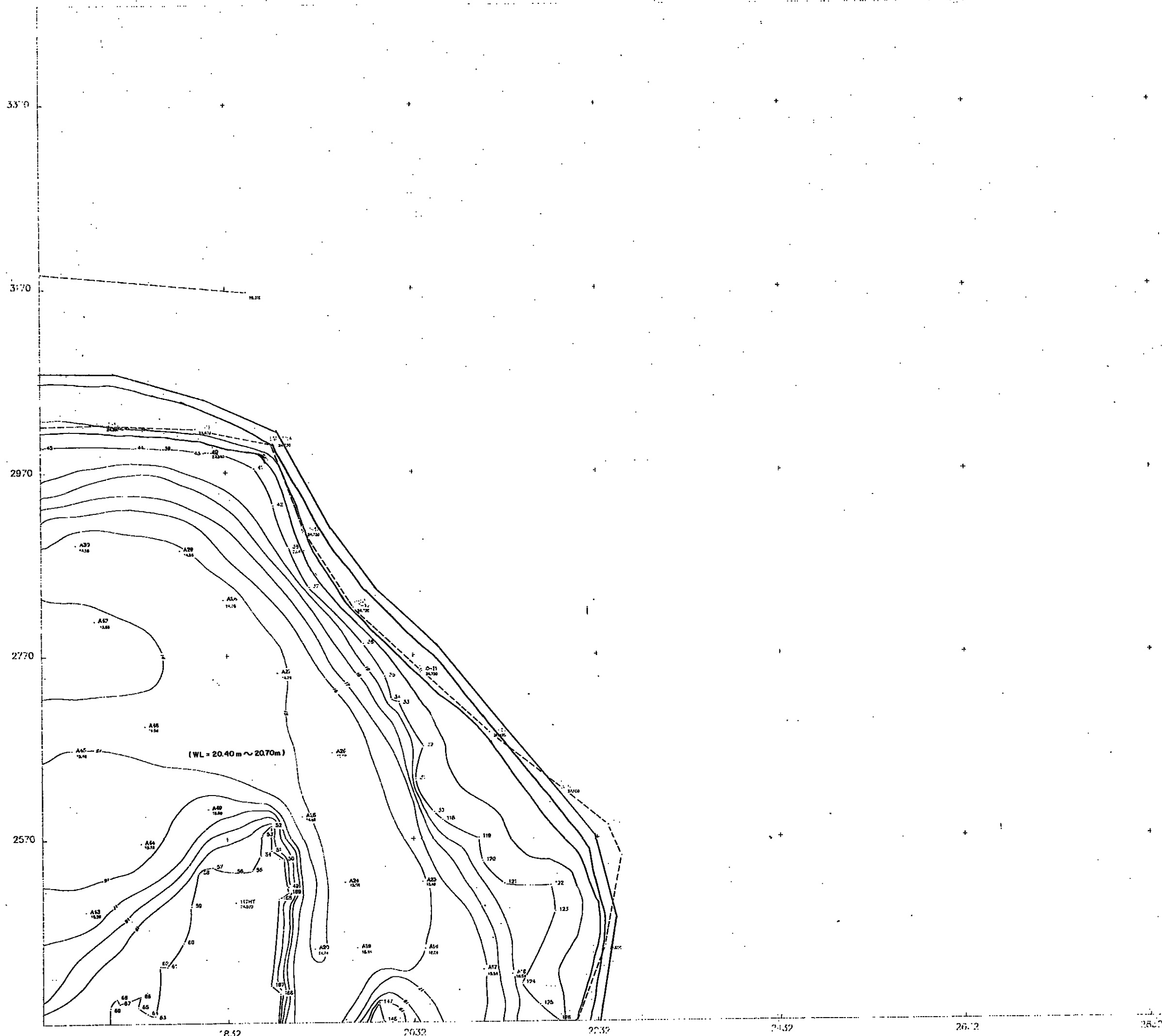
REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

CIDANAU — CIBANTEN
WATER RESOURCES DEVELOPMENT PROJECT
SCALE 1 : 2,000

AGUSTUS 1991 SHEET NO. 1 OF 7

JAPAN INTERNATIONAL COOPERATION AGENCY

KRENCENG RESERVOIR



PETAKUK LEMBAR
INDEX TO ADJOINING SHEETS

| | |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 7 | |

REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

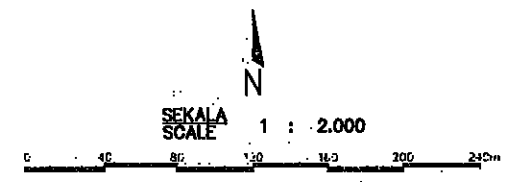
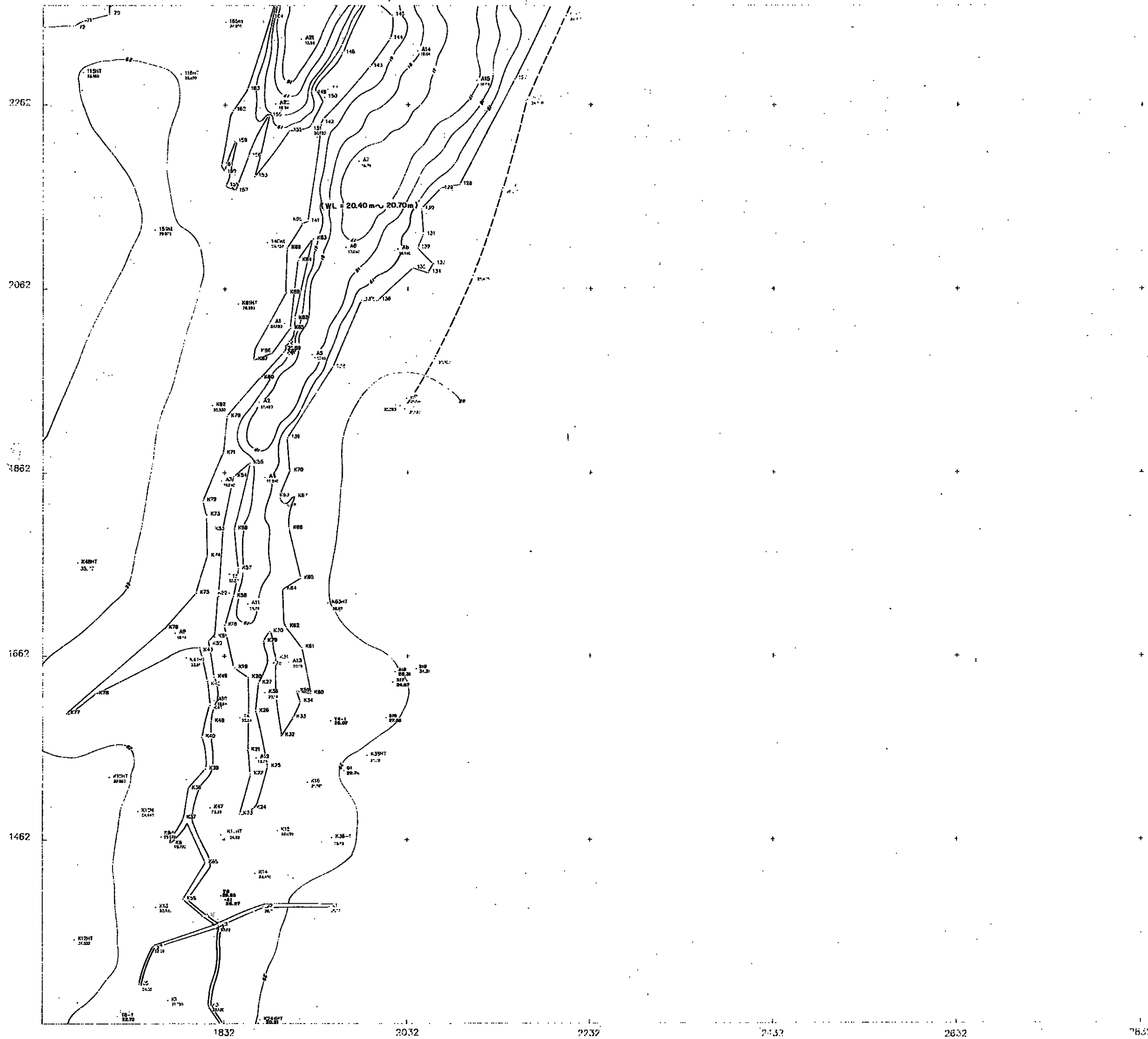
CIDANAU - CIBANTEN
WATER RESOURCES DEVELOPMENT PROJECT
SCALE 1 : 2,000

AGUSTUS 1991

SHEET NO. 2 OF 7


JAPAN INTERNATIONAL COOPERATION AGENCY

KRENCENG RESERVOIR



PETUNJUK LEMBAR
 BUKU TO ADJOURNING SHEETS

| | |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 7 | |


 REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

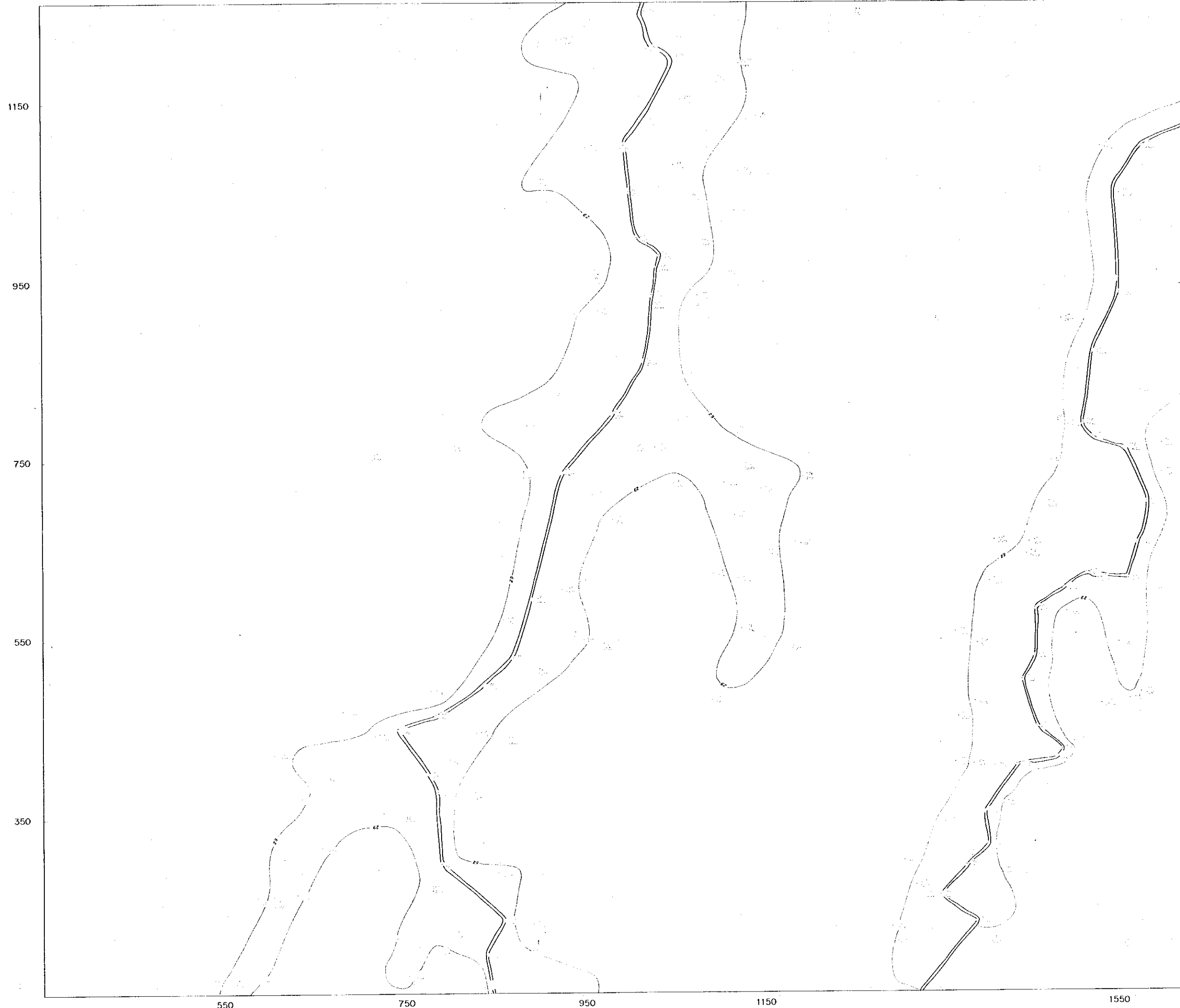
CIDANAU - CIBANTEN
 WATER RESOURCES DEVELOPMENT PROJECT
 SCALE 1 : 2.000


AGUSTUS 1981

SHEET NO. 4 OF 7


JAPAN INTERNATIONAL COOPERATION AGENCY

KRENCENG RESERVOIR






SEKALA
SCALE 1 : 2.000



PELAKSI LEMBAR
INDEX TO ADJOINING SHEETS

| | |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 7 | |



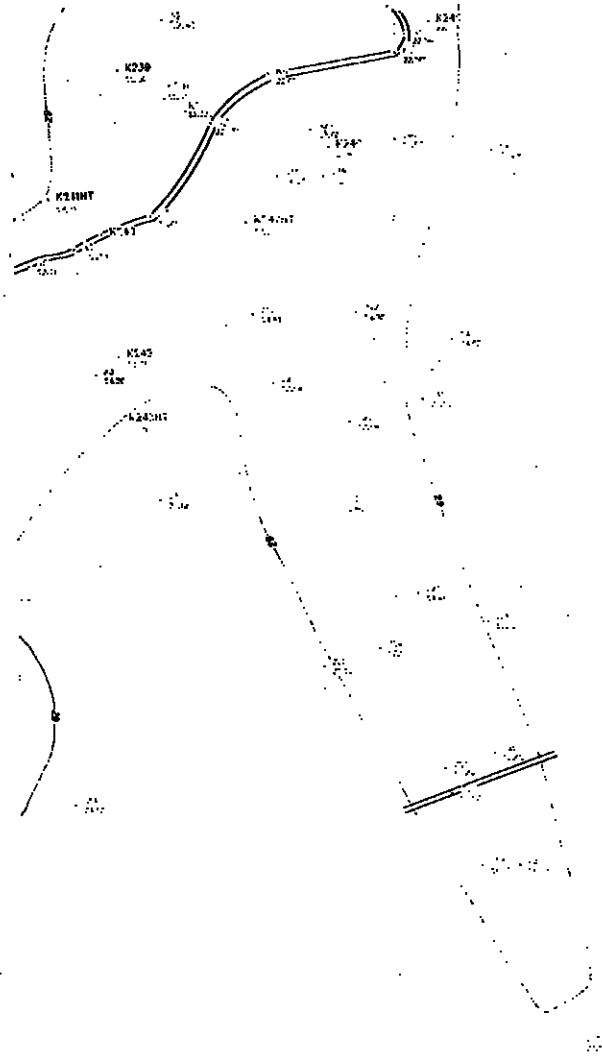
REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

CIDANAU – CIBANTEN
WATER RESOURCES DEVELOPMENT PROJECT
SCALE 1 : 2.000

| | |
|---------------|------------------|
| DESEMBER 1991 | SHEET NO. 5 OF 7 |
|---------------|------------------|

JAPAN INTERNATIONAL COOPERATION AGENCY

KRENCENG RESERVOIR



SEKALA
SCALE 1 : 2,000

PETUNJUK LEMBAR
INDEX TO ADJOINING SHEETS

| | |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 7 | |

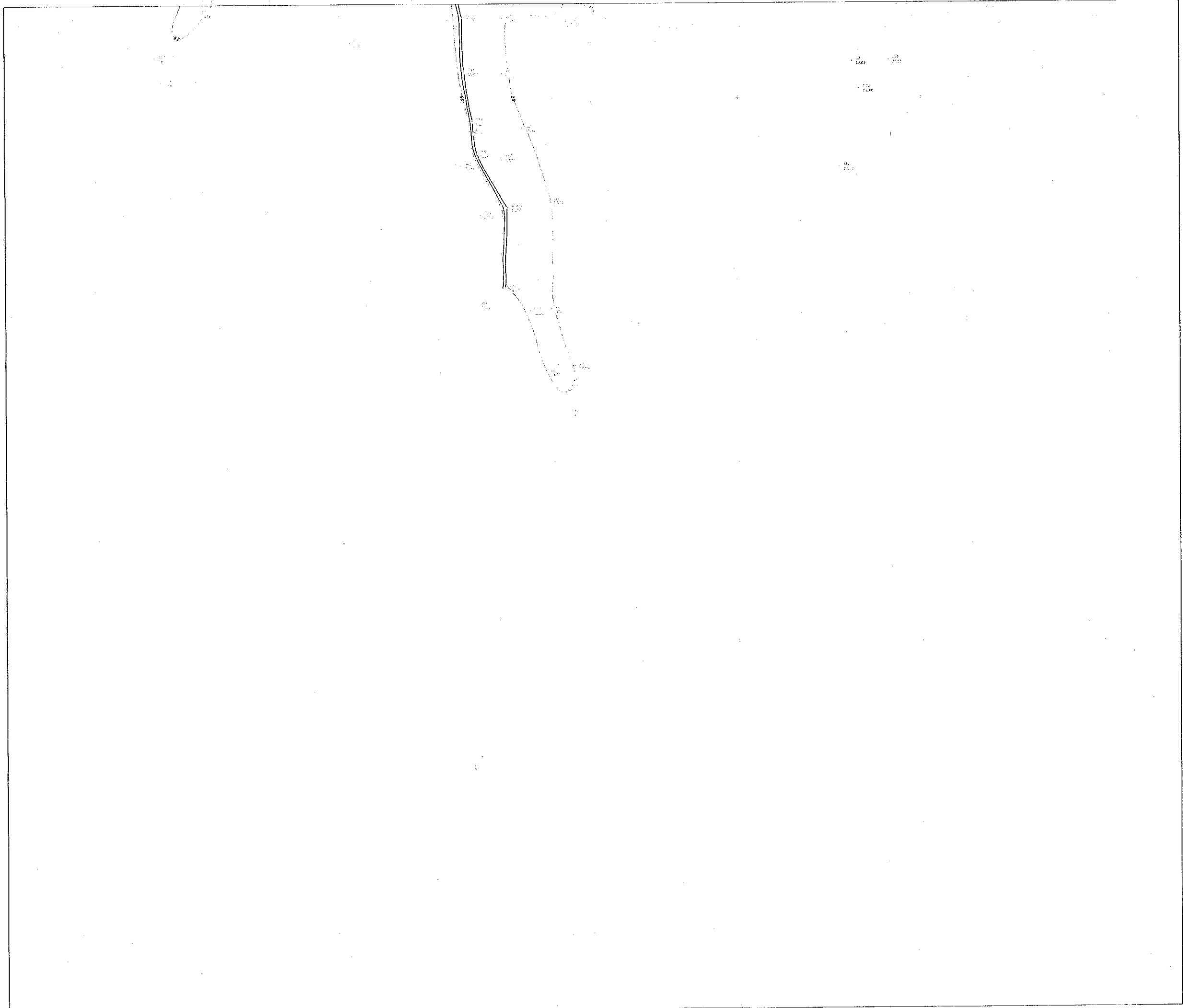
REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

CIDANAU — CIBANTEN
WATER RESOURCES DEVELOPMENT PROJECT
SCALE 1 : 2,000

DESEMBER 1991 SHEET NO. 6 OF 7

JAPAN INTERNATIONAL COOPERATION AGENCY

KRENCENG RESERVOIR



N
SEKALA
SCALE 1 : 2.000

PETUNJUK LEMBAR
INDEX TO ADJOINING SHEETS

| | |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 7 | |



REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

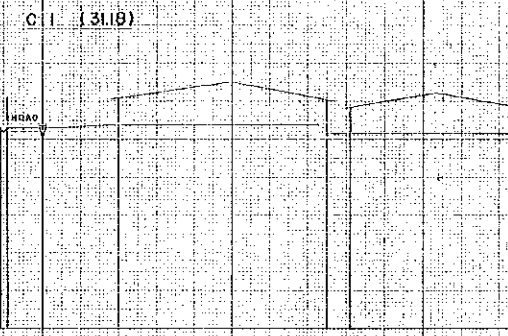
CIDANAU - CIBANTEN
WATER RESOURCES DEVELOPMENT PROJECT
SCALE 1 : 2.000

DESEMBER 1991 SHEET NO. 7 OF 7

JAPAN INTERNATIONAL COOPERATION AGENCY

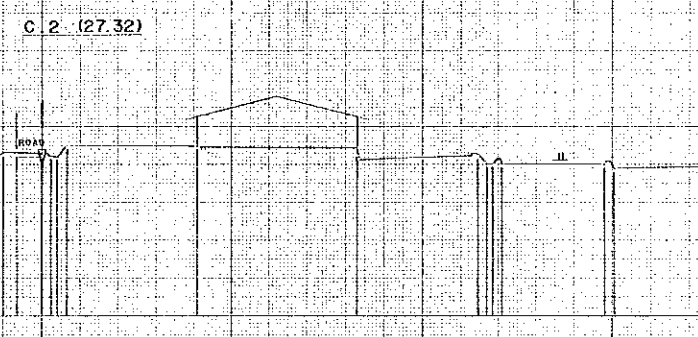
GROUND HEIGHT
TOTAL DISTANCE

| | | | | | | | | | | | | | | | | | | | | |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|------------|------|------|------------|
| 98.6 20.85 | 97.7 21.69 | 88.7 24.42 | 82.8 25.85 | 81.2 25.98 | 76.7 26.72 | 64.0 28.19 | 58.3 28.33 | 58.0 28.82 | 56.0 29.25 | 53.6 31.70 | 28.0 34.98 | 17.1 35.03 | 4.0 36.93 | 3.8 37.33 | 0.0 38.75 | 6.0 38.46 | 30.0 37.46 | 30.4 | 30.6 | 30.1 36.23 |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|------------|------|------|------------|



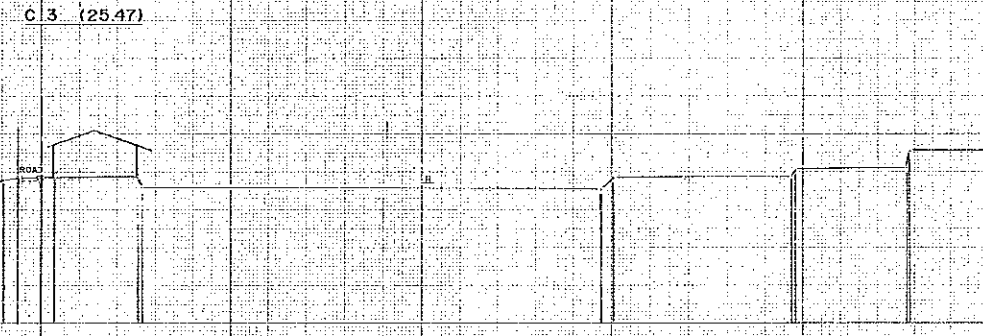
GROUND HEIGHT
TOTAL DISTANCE

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|
| 98.3 20.84 | 98.4 21.11 | 92.7 21.69 | 91.7 22.15 | 87.0 22.28 | 81.3 22.35 | 80.1 22.88 | 78.9 23.55 | 71.4 24.62 | 61.2 25.90 | 50.0 28.80 | 46.3 28.74 | 27.9 28.17 | 26.5 28.70 | 15.4 28.28 | 14.3 28.48 | 9.0 28.28 | 8.5 27.85 | 0.0 27.31 | 2.3 28.02 | 1.6 28.01 | 45.9 27.07 | 47.2 26.75 | 46.3 26.82 | 30.1 26.84 | 30.1 26.84 | 35.0 26.66 | 70.1 25.65 |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|

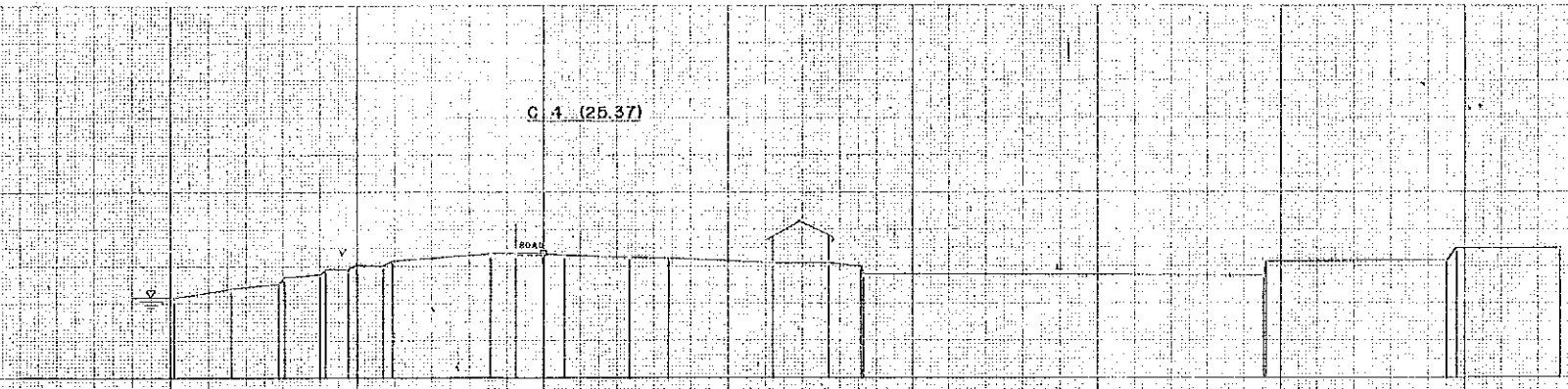
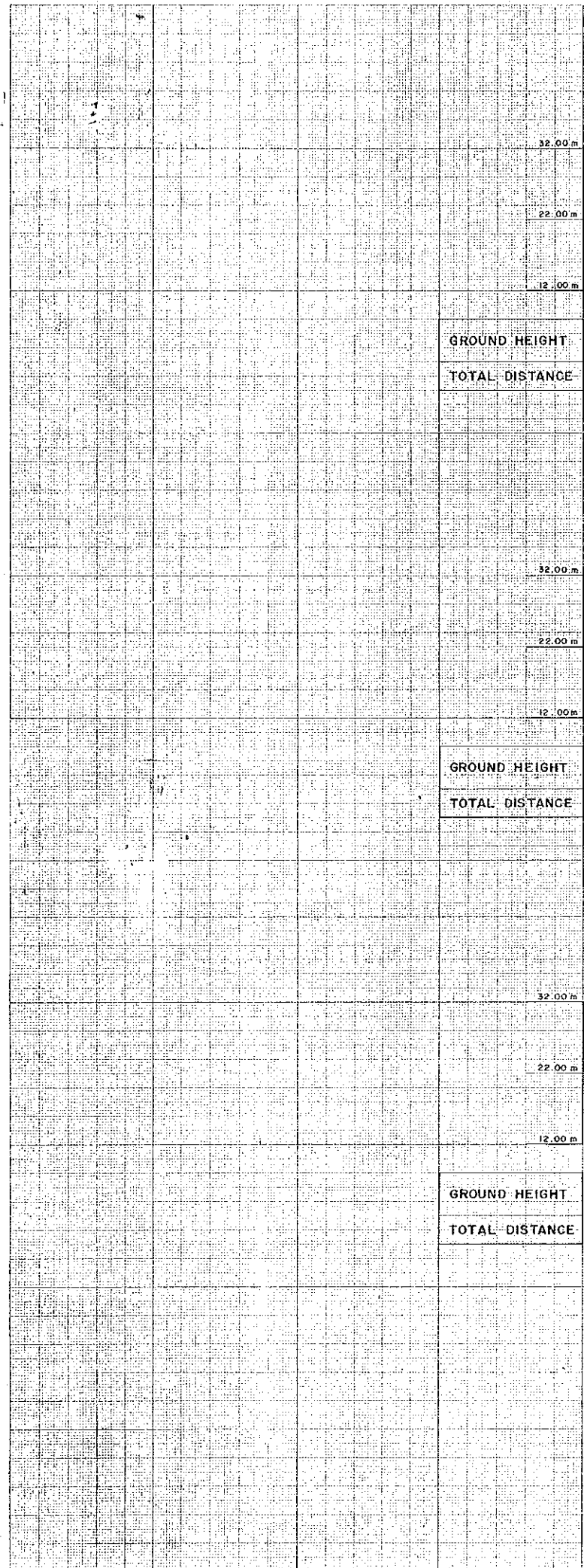


GROUND HEIGHT
TOTAL DISTANCE

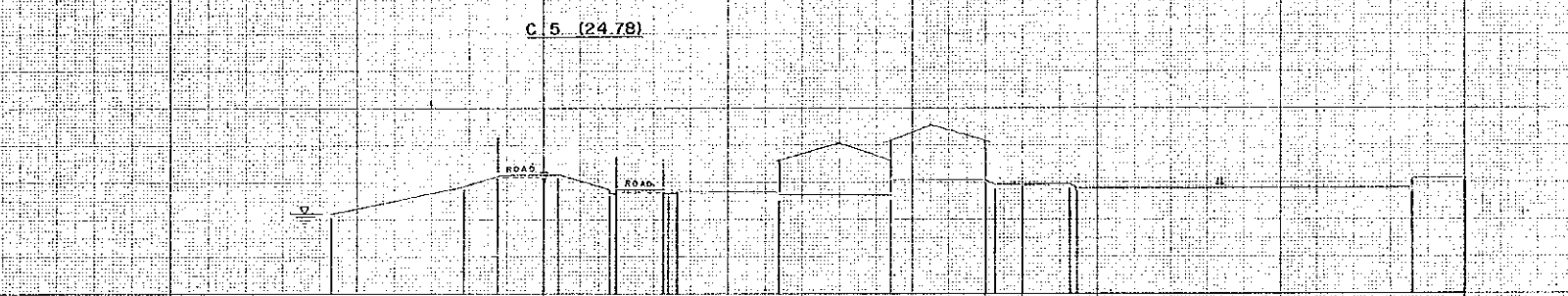
| | | | | | | | | | | | | | | | | | | |
|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|------------|------------|------------|-------------|
| 45.0 20.65 | 24.3 21.21 | 22.6 22.15 | 16.1 22.31 | 15.0 22.85 | 12.5 23.63 | 8.3 23.83 | 6.4 24.82 | 4.0 24.88 | 2.6 25.48 | 0.0 25.65 | 1.4 25.85 | 10.0 25.46 | 0.3 24.33 | 26.7 25.67 | 26.7 25.67 | 91.0 26.47 | 91.0 26.47 | 100.0 28.17 |
|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|------------|------------|------------|-------------|



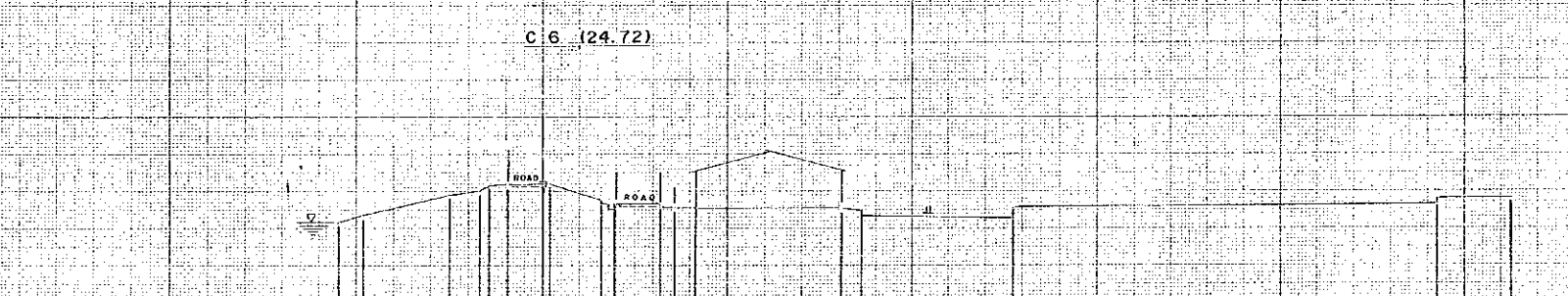

 REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
 JAPAN INTERNATIONAL COOPERATION AGENCY
 CROSS SECTION
CIDANAU — CIBANTEN
 WATER RESOURCES DEVELOPMENT PROJECT
 SCALE V 1 : 400
 H 1 : 400
 C.1 — C.3
 AUGUST 1991 SHEET NO. 1 OF 10




| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| GROUND HEIGHT | 33.8 25.32 | 33.5 21.52 | 28.5 22.07 | 24.1 23.09 | 23.5 23.55 | 20.3 23.66 | 20.0 24.13 | 17.2 24.26 | 16.3 24.66 | 6.8 25.45 | 3.0 25.41 | 0.0 25.37 | 2.2 25.21 | 9.4 25.03 | 3.6 24.98 | 24.9 24.51 | 20.7 24.31 | 24.2 23.93 | 34.6 23.25 | 76.2 23.14 | 76.6 24.43 | 96.5 24.70 | 99.0 24.08 | 100.3 25.09 |
| TOTAL DISTANCE | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------|------------|-------|------------|------------|------------|------------|------------|------------|------------|--|
| GROUND HEIGHT | 22.7 20.93 | 9.6 23.31 | 4.5 24.88 | 0.0 24.79 | 1.5 24.77 | 7.2 23.16 | 7.8 23.17 | 13.0 23.24 | 13.5 23.25 | 14.5 23.03 | 25.4 22.96 | 23.9 | 31.6 22.99 | 24.23 | 47.9 24.23 | 46.9 23.72 | 50.0 23.93 | 57.0 23.75 | 57.7 23.52 | 94.2 24.45 | 100.0 24.4 | |
| TOTAL DISTANCE | | | | | | | | | | | | | | | | | | | | | | |



| | | | | | | | | | | | | | | | | | | |
|----------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-------------|
| GROUND HEIGHT | 21.8 20.51 | 19.3 21.31 | 10.1 23.56 | 6.9 23.98 | 5.6 24.38 | 3.8 24.70 | 0.0 24.72 | 0.6 24.75 | 6.4 22.63 | 7.8 22.61 | 12.8 22.61 | 12.5 23.14 | 16.3 22.14 | 32.2 22.14 | 35.3 21.64 | 71.2 22.15 | 97.2 23.10 | 100.0 23.17 |
| TOTAL DISTANCE | | | | | | | | | | | | | | | | | | |


 REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

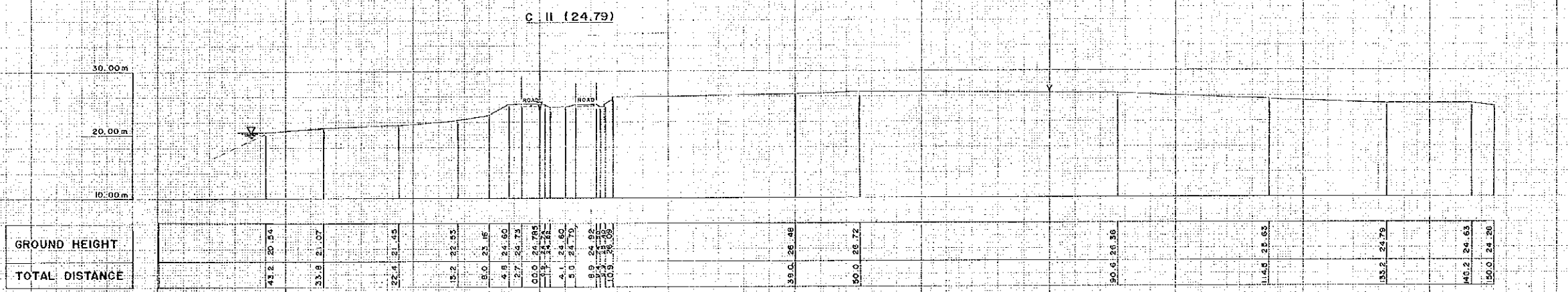
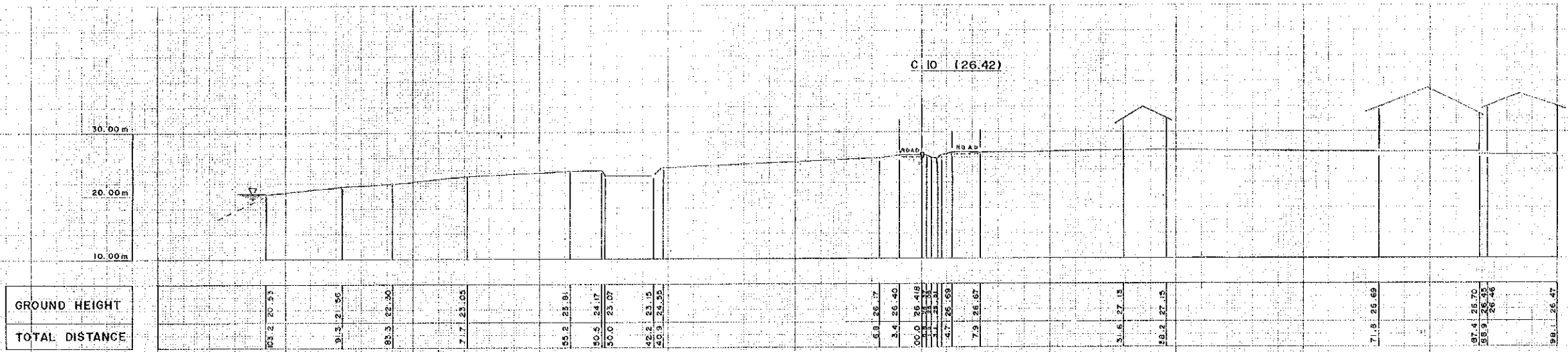
JAPAN INTERNATIONAL COOPERATION AGENCY

CROSS SECTION
CIDANAU — CIBANTEN
 WATER RESOURCES DEVELOPMENT PROJECT

SCALE V 1:400
 H 1:400
 C.3 — C.5

AUGUST 1991

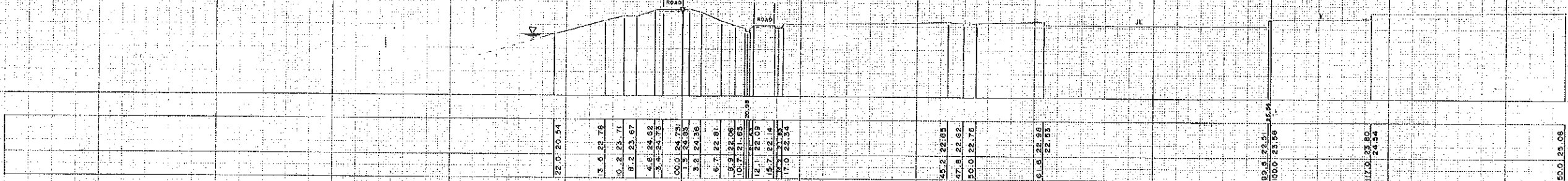
SHEET NO. 2 OF 10



C.13 (24.73)

30.00 m
20.00 m
10.00 m

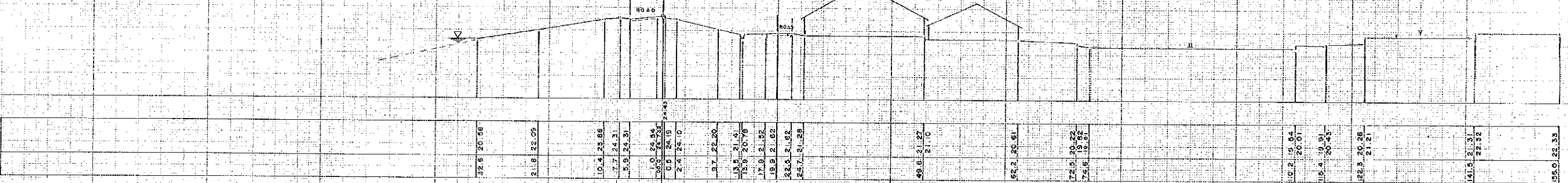
GROUND HEIGHT
TOTAL DISTANCE



C.14 (24.73)

30.00 m
20.00 m
10.00 m

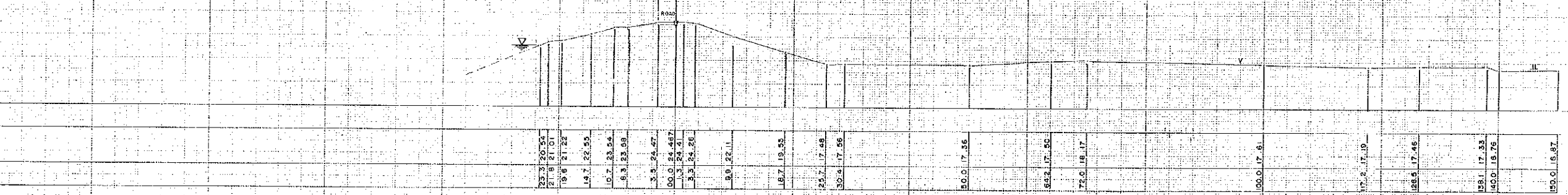
GROUND HEIGHT
TOTAL DISTANCE




C.15 (24.47)

30.00 m
20.00 m
10.00 m

GROUND HEIGHT
TOTAL DISTANCE




 REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

JAPAN INTERNATIONAL COOPERATION AGENCY

CROSS SECTION
CIDANAU — CIBANTEN
 WATER RESOURCES DEVELOPMENT PROJECT

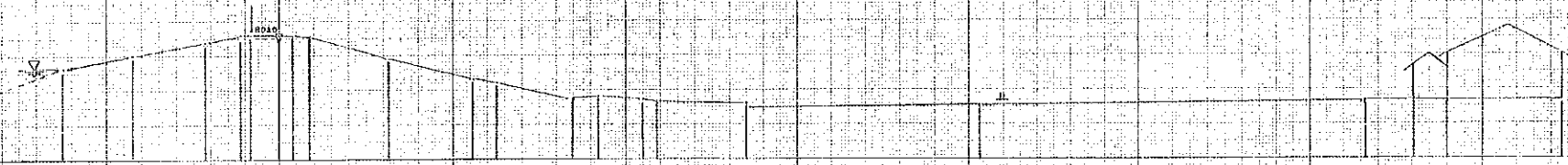
SCALE
 V 1 : 400
 H 1 : 400

C.13 — C.15

AUGUST 1991 SHEET NO. 5 OF 10

30.00 m
20.00 m
10.00 m

C.16 (24.35)



GROUND HEIGHT
TOTAL DISTANCE

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 25.0 | 25.57 | 17.0 | 21.92 | 8.7 | 23.53 | 4.0 | 24.18 | 0.0 | 24.35 | 1.7 | 24.54 | 3.5 | 24.18 | 2.0 | 21.68 | 22.2 | 18.44 | 25.0 | 18.90 | 33.7 | 16.73 | 38.9 | 15.18 | 43.0 | 17.08 | 43.7 | 18.55 | 51.8 | 16.02 | 91.8 | 10.55 | 128.5 | 15.62 | 132.2 | 13.73 | 136.2 | 16.73 | 143.2 | 15.84 |
|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

30.00 m
20.00 m
10.00 m

C.17 (24.40)



GROUND HEIGHT
TOTAL DISTANCE

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------|------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 24.0 | 20.64 | 20.1 | 21.48 | 18.5 | 22.53 | 10.1 | 23.48 | 6.0 | 23.63 | 3.3 | 24.61 | 0.0 | 24.40 | 1.5 | 24.55 | 3.0 | 24.38 | 11.0 | 21.92 | 16.0 | 20.30 | 26.3 | 20.12 | 27.0 | 20.38 | 30.4 | 20.50 | 36.9 | 20.00 | 40.9 | 18.53 | 63.0 | 18.28 | 82.0 | 18.09 | 18.54 | 88.0 | 18.24 | 105.0 | 18.44 | 111.0 | 18.01 | 116.5 | 18.44 | 119.0 | 18.06 | 126.4 | 19.44 | 137.8 | 18.69 | 150.0 | 18.50 |
|------|-------|------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

30.00 m
20.00 m
10.00 m

C.18 (24.39)



GROUND HEIGHT
TOTAL DISTANCE

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 25.3 | 20.57 | 17.0 | 22.06 | 8.3 | 23.58 | 3.4 | 24.24 | 3.0 | 24.31 | 0.0 | 24.39 | 1.6 | 24.35 | 3.0 | 23.99 | 10.8 | 20.61 | 21.3 | 18.03 | 23.3 | 17.67 | 39.0 | 17.03 | 50.0 | 16.92 | 64.7 | 17.28 | 73.1 | 16.77 | 82.0 | 16.56 | 100.0 | 16.95 | 116.3 | 17.30 | 136.3 | 17.89 | 145.8 | 16.64 | 152.0 | 15.03 |
|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

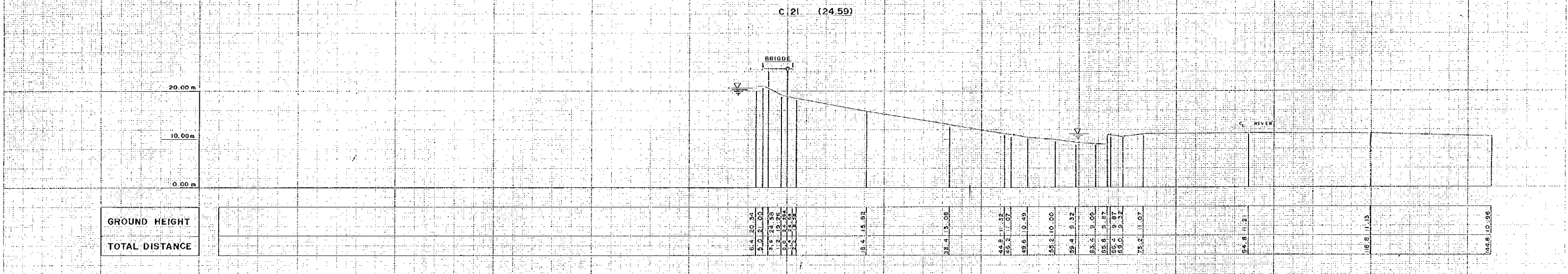
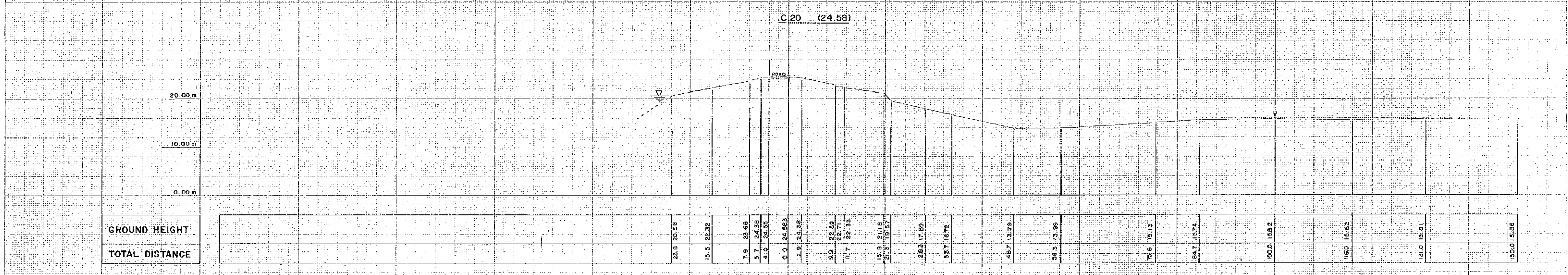
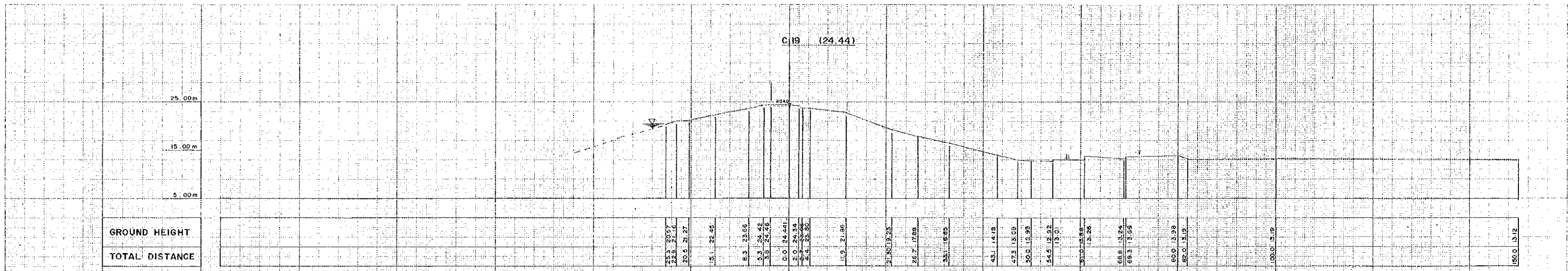

 REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

JAPAN INTERNATIONAL COOPERATION AGENCY

CROSS SECTION
CIDANAU - CIBANTEN
 WATER RESOURCES DEVELOPMENT PROJECT

SCALE V 1 : 400
 H 1 : 400
 C.16 — C.18

AUGUST 1991 SHEET NO 6 OF 10



REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

JAPAN INTERNATIONAL COOPERATION AGENCY

CROSS SECTION

CIDANAU — CIBANTEN

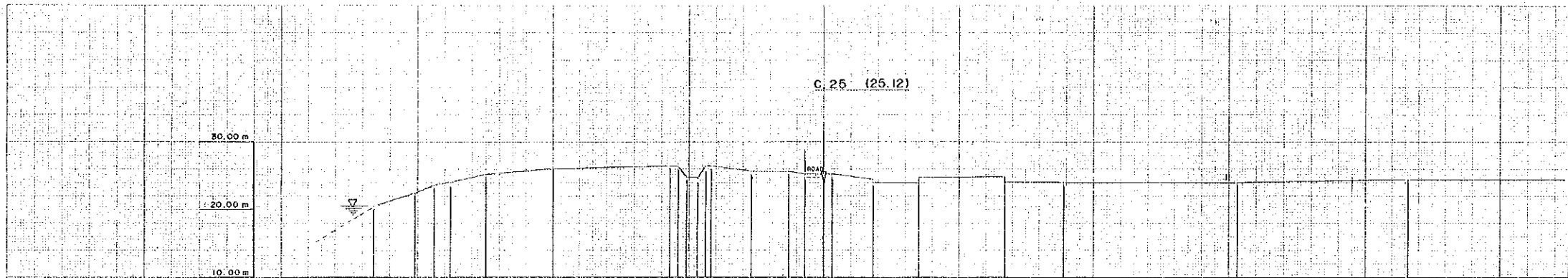
WATER RESOURCES DEVELOPMENT PROJECT

SCALE: V 1:400
H 1:400

C.19 — C.21

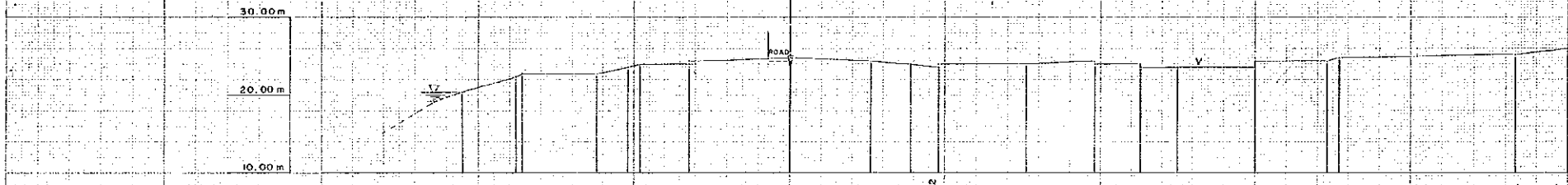
AUGUST 1991

SHEET NO. 7 OF 10



GROUND HEIGHT
TOTAL DISTANCE

| | | |
|------|-------|-------|
| 68.5 | 20.96 | |
| 69.3 | 22.44 | |
| 57.6 | 23.65 | |
| 42.0 | 23.91 | |
| 50.0 | 25.10 | |
| 38.8 | 25.03 | |
| 23.6 | 25.08 | |
| 20.1 | 25.08 | |
| 17.6 | 25.08 | |
| 16.6 | 25.54 | |
| 10.0 | 25.05 | |
| 5.1 | 25.59 | |
| 2.5 | 25.01 | |
| 0.0 | 25.15 | |
| 1.1 | 25.96 | |
| 7.1 | 23.81 | 24.51 |
| 14.0 | 23.75 | 24.60 |
| 26.6 | 22.69 | 24.60 |
| 34.4 | 23.91 | |
| 50.0 | 23.80 | |
| 58.3 | 24.02 | |
| 60.0 | 23.83 | |



GROUND HEIGHT
TOTAL DISTANCE

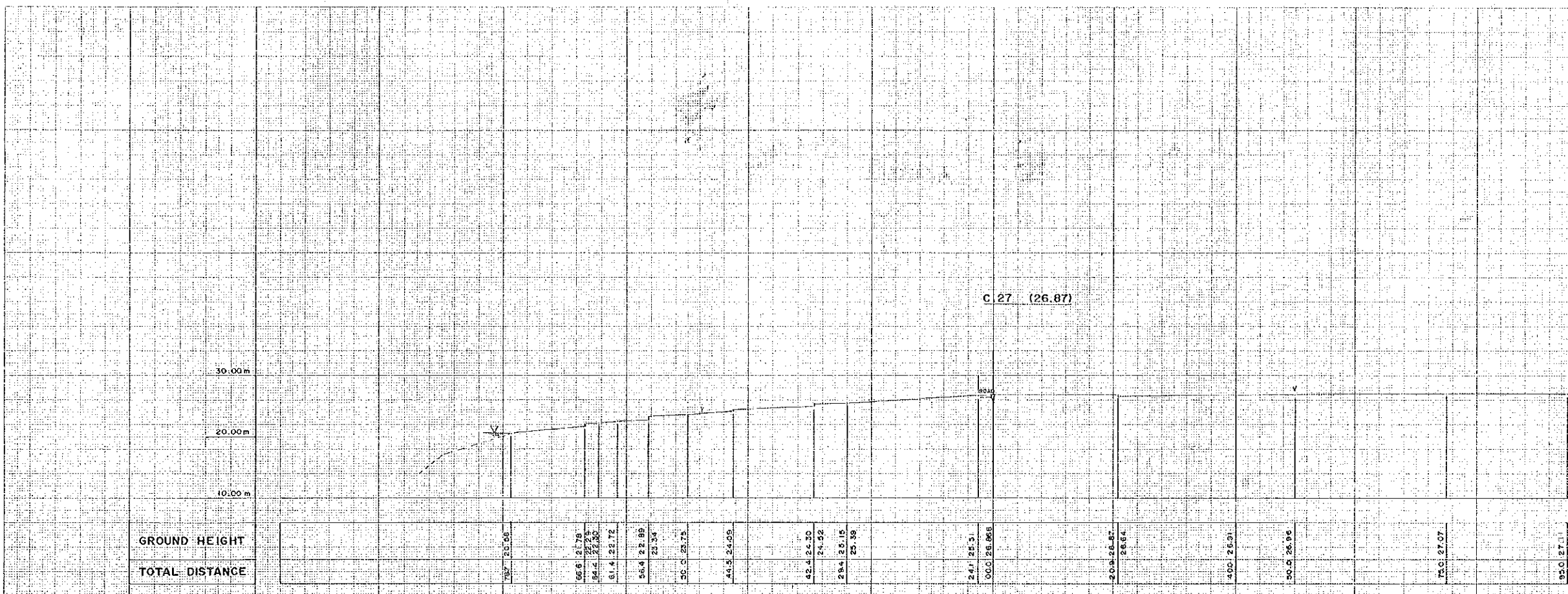
| | | |
|-------|-------|-------|
| 46.1 | 20.95 | |
| 35.1 | 22.07 | |
| 34.2 | 22.08 | |
| 24.6 | 22.75 | |
| 20.7 | 23.41 | |
| 18.1 | 24.00 | |
| 12.6 | 24.00 | |
| 12.0 | 24.09 | |
| 0.0 | 24.60 | |
| 0.5 | 24.55 | |
| 15.4 | 23.98 | |
| 30.0 | 23.75 | 24.12 |
| 50.2 | 23.99 | |
| 56.2 | 24.05 | |
| 55.5 | 23.90 | |
| 45.5 | 23.90 | |
| 30.0 | 23.50 | |
| 50.0 | 23.70 | |
| 55.0 | 24.53 | |
| 70.7 | 24.94 | |
| 80.3 | 24.15 | |
| 100.0 | 23.99 | |

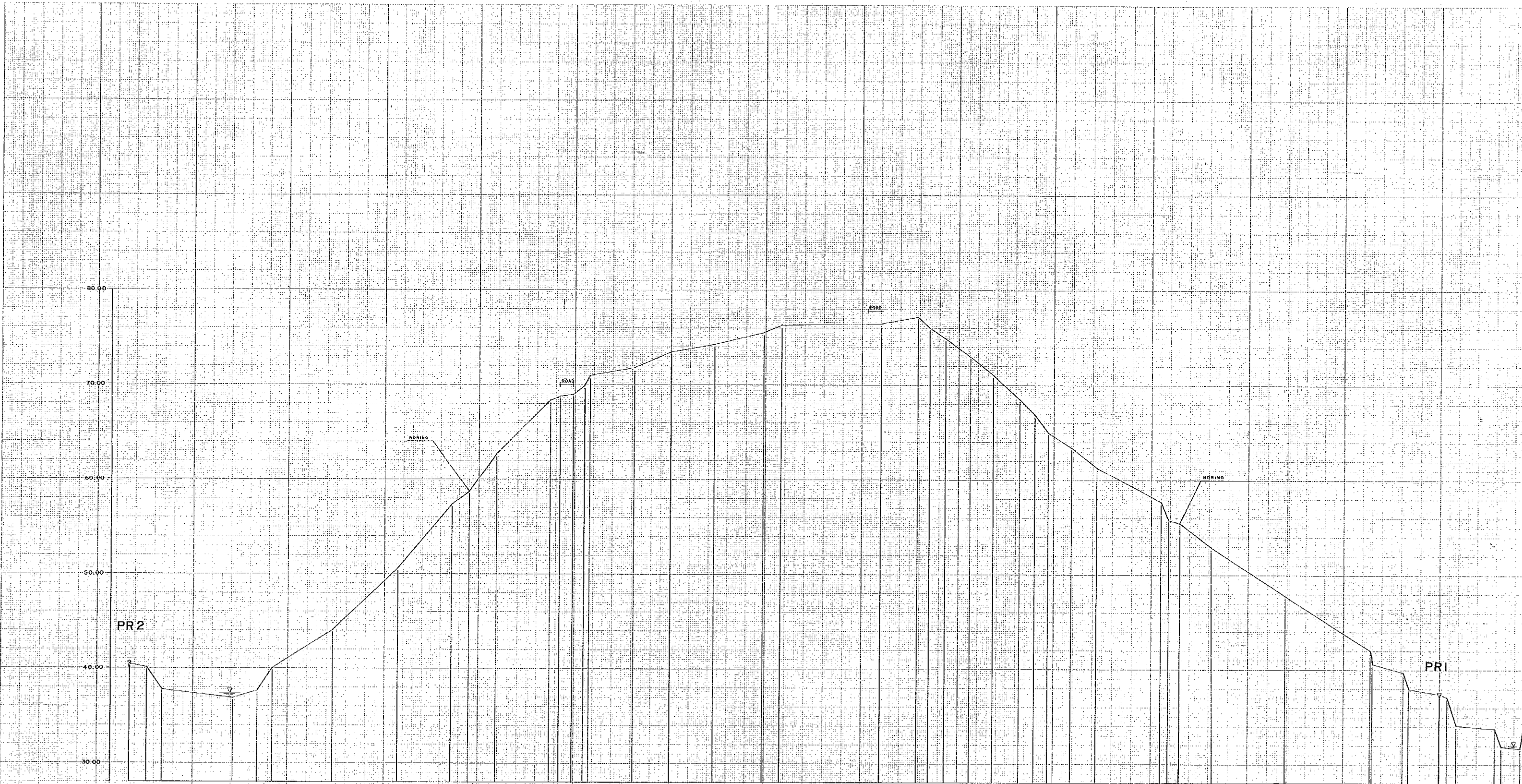
REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

JAPAN INTERNATIONAL COOPERATION AGENCY


CROSS SECTION
CIDANAU — CIBANTEN
WATER RESOURCES DEVELOPMENT PROJECT
SCALE V 1 : 400
H 1 : 400
C.25 — C.26

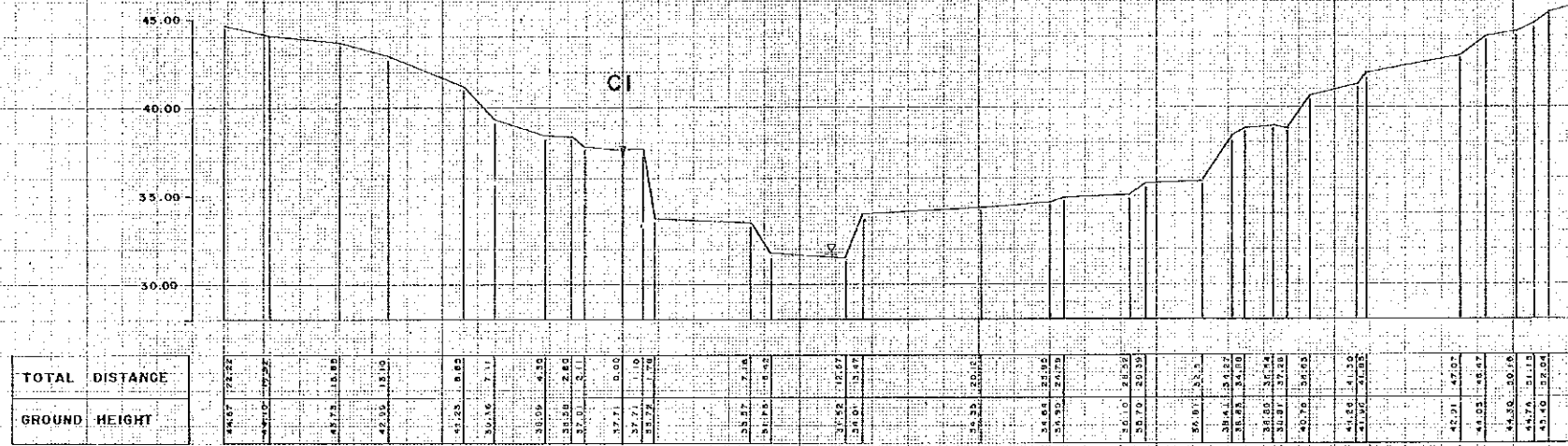
AUGUST 1991 SHEET NO. 9 OF 10





| TOTAL DISTANCE | GROUND HEIGHT |
|----------------|---------------|
| 00.00 | 40.00 |
| 05.00 | 38.00 |
| 10.00 | 37.50 |
| 15.00 | 37.00 |
| 20.00 | 37.50 |
| 25.00 | 40.00 |
| 30.00 | 45.00 |
| 35.00 | 50.00 |
| 40.00 | 55.00 |
| 45.00 | 60.00 |
| 50.00 | 65.00 |
| 55.00 | 68.00 |
| 60.00 | 70.00 |
| 65.00 | 72.00 |
| 70.00 | 73.00 |
| 75.00 | 74.00 |
| 80.00 | 75.00 |
| 85.00 | 76.00 |
| 90.00 | 77.00 |
| 95.00 | 78.00 |
| 100.00 | 79.00 |
| 105.00 | 80.00 |
| 110.00 | 78.00 |
| 115.00 | 75.00 |
| 120.00 | 70.00 |
| 125.00 | 65.00 |
| 130.00 | 60.00 |
| 135.00 | 55.00 |
| 140.00 | 50.00 |
| 145.00 | 45.00 |
| 150.00 | 40.00 |
| 155.00 | 38.00 |
| 160.00 | 37.00 |
| 165.00 | 36.00 |
| 170.00 | 35.00 |
| 175.00 | 34.00 |
| 180.00 | 33.00 |
| 185.00 | 32.00 |
| 190.00 | 31.00 |
| 195.00 | 30.00 |
| 200.00 | 30.00 |

| | | |
|---|---------------|------------------|
|  REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT | | |
| CROSS SECTION CIDANAU - CIBANTEN WATER RESOURCES DEVELOPMENT PROJECT | | |
| SCALE V 1:200 H 1:500 | | |
| LOCATION KRENCENG | DECEMBER 1991 | SHEET No. 1 OF 2 |
| JAPAN INTERNATIONAL COOPERATION AGENCY | | |



JKIA