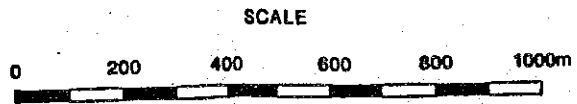
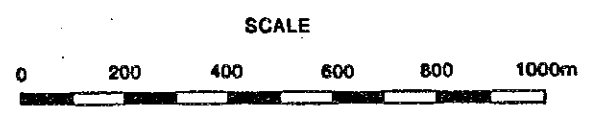
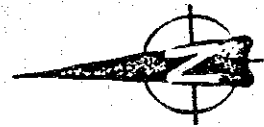
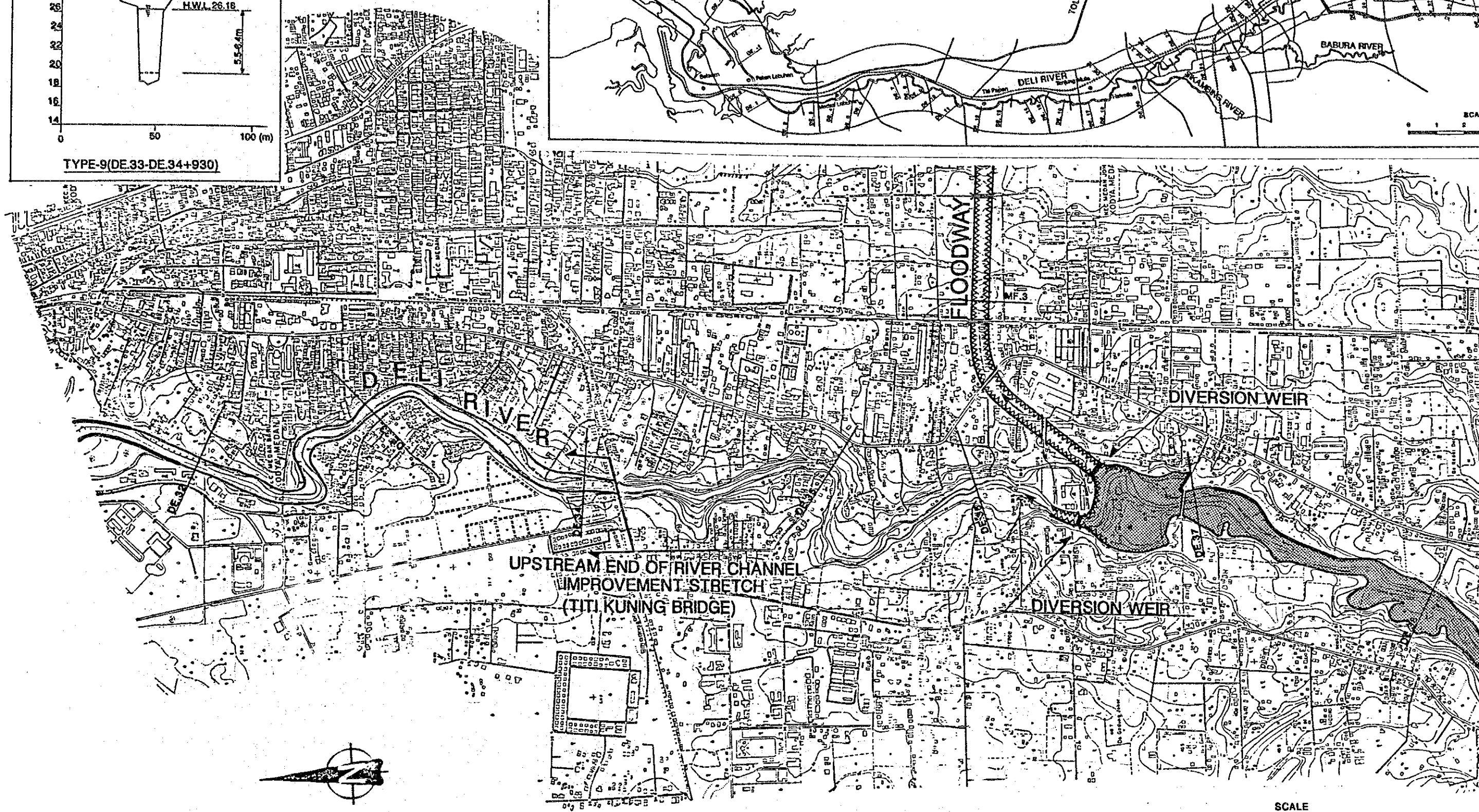
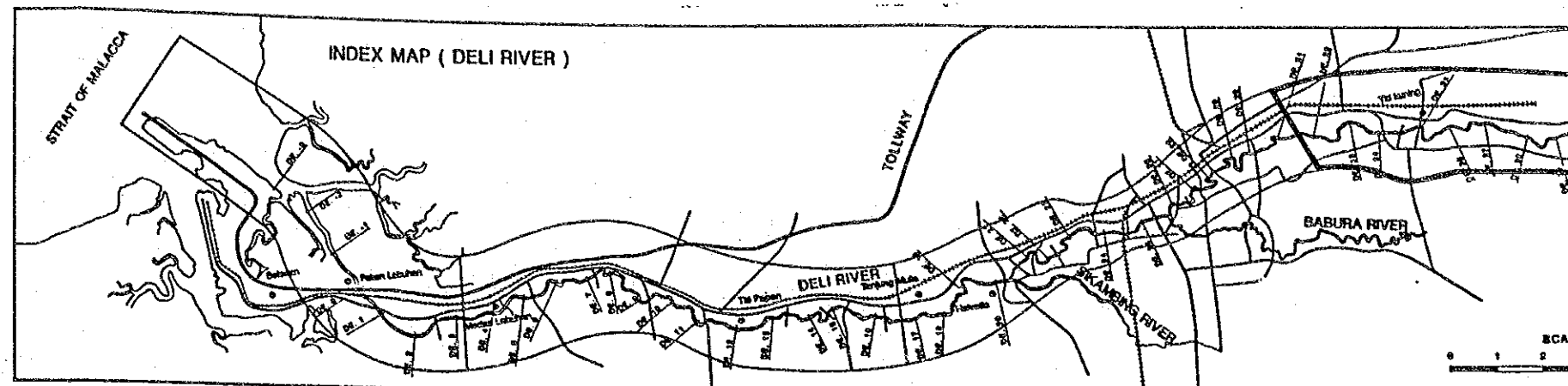
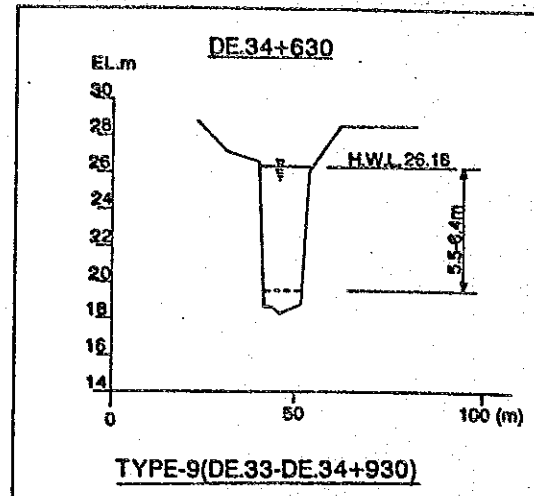
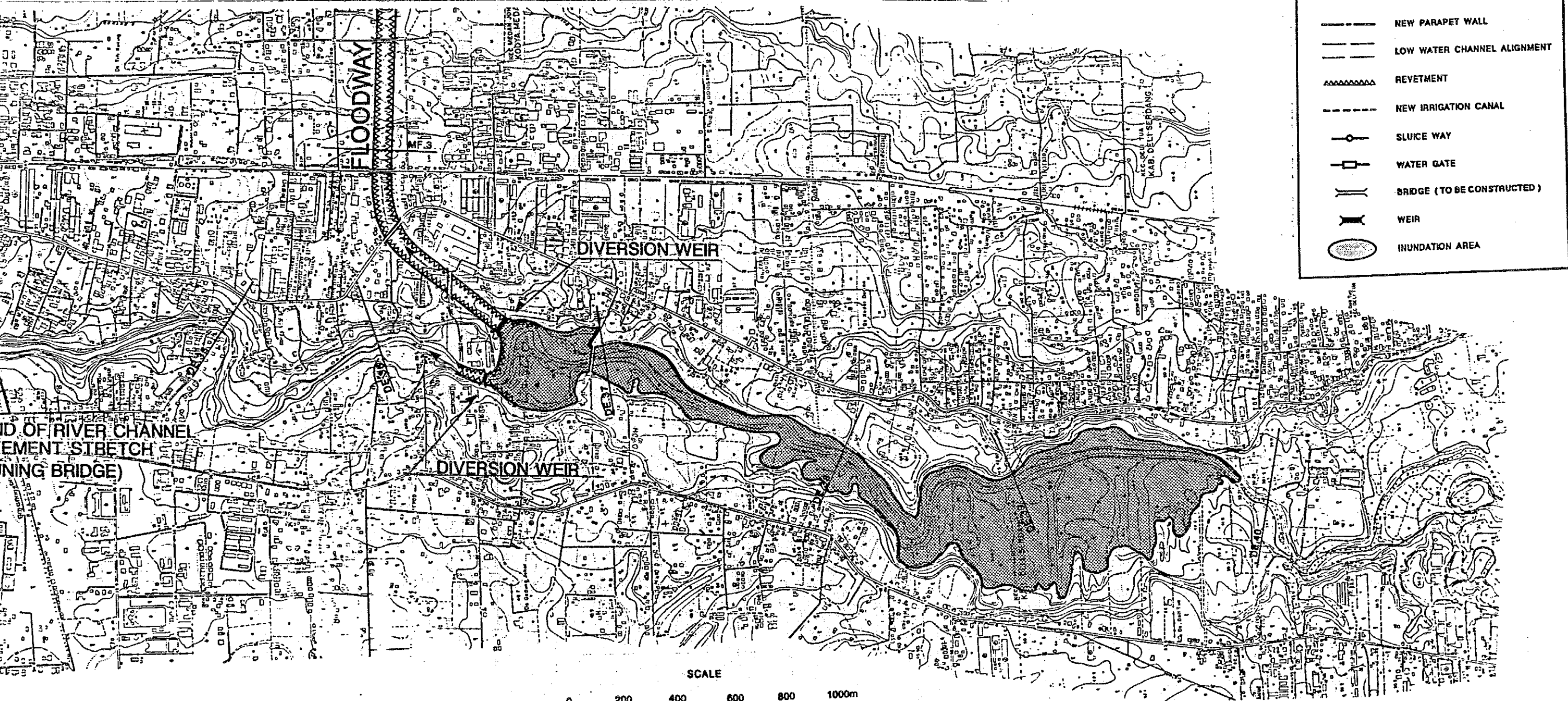
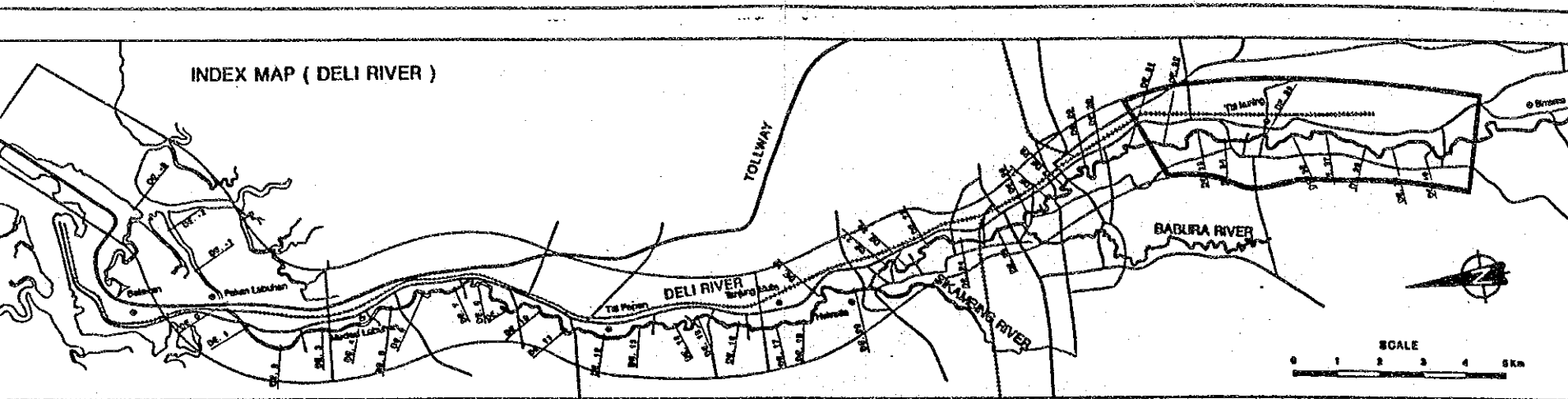


| LEGEND | |
|--------|-----------------------------|
| | CHANNEL ALIGNMENT |
| | EXISTING DKE |
| | NEW EARTH DKE |
| | NEW PARAPET WALL |
| | LOW WATER CHANNEL ALIGNMENT |
| | REVETMENT |
| | NEW IRRIGATION CANAL |
| | SLUICE WAY |
| | WATER GATE |
| | BRIDGE (TO BE CONSTRUCTED) |
| | WEIR |
| | INUNDATION AREA |





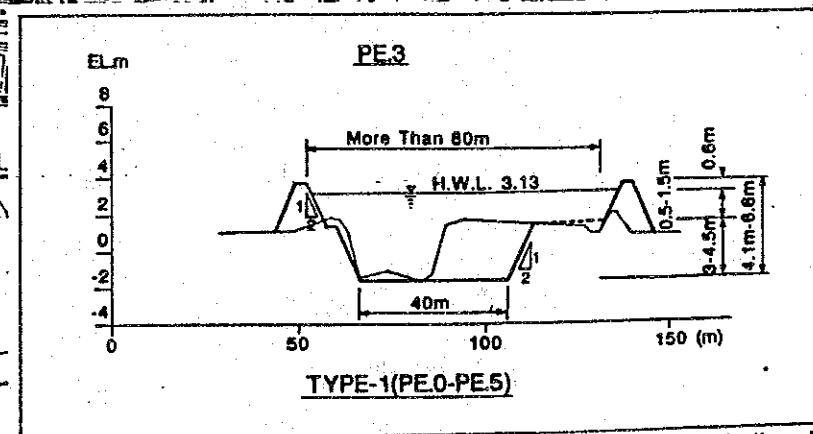
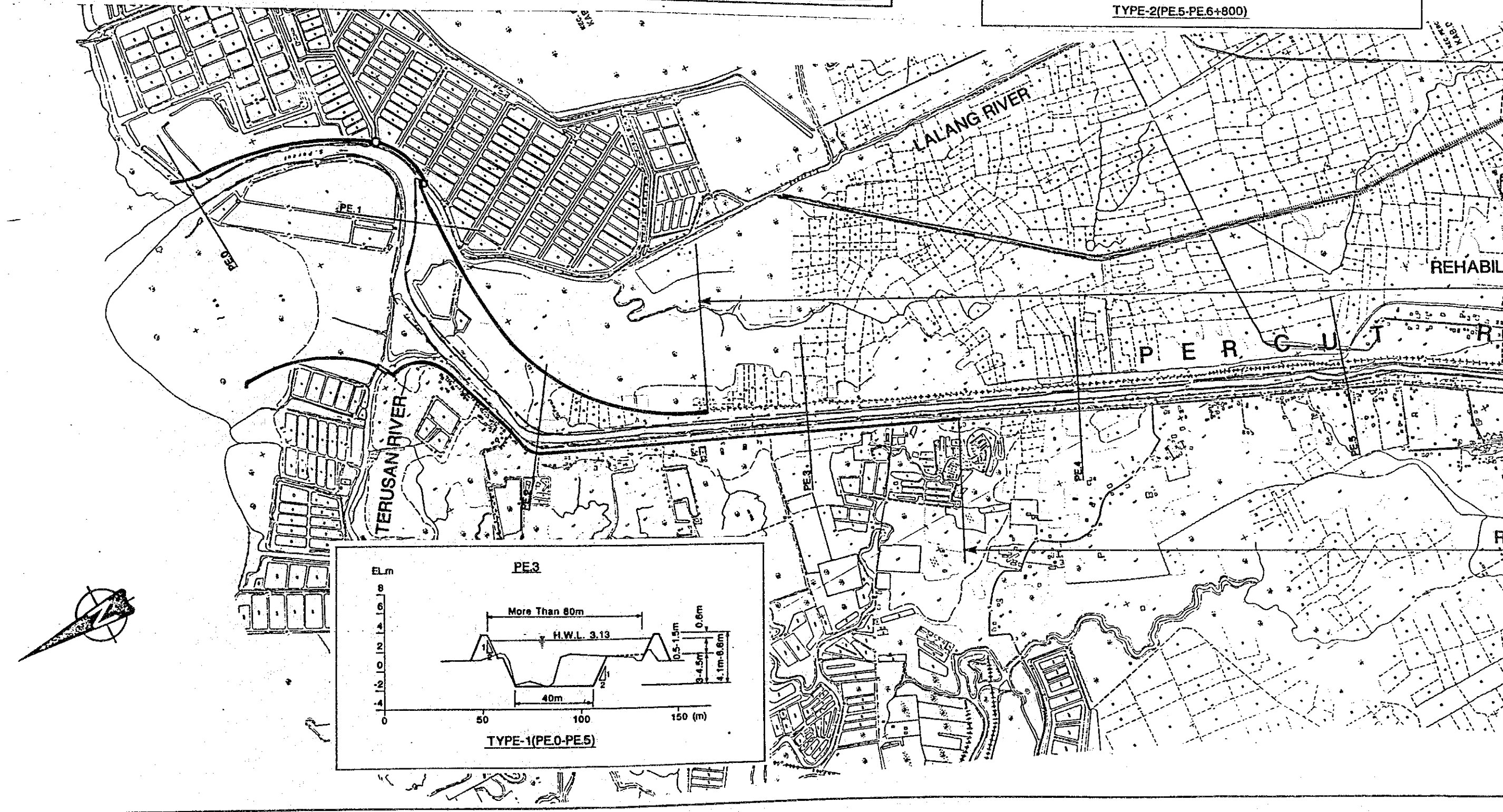
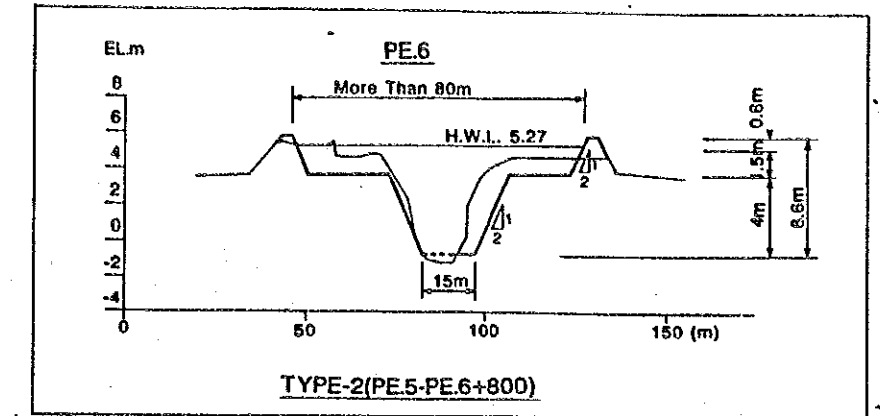
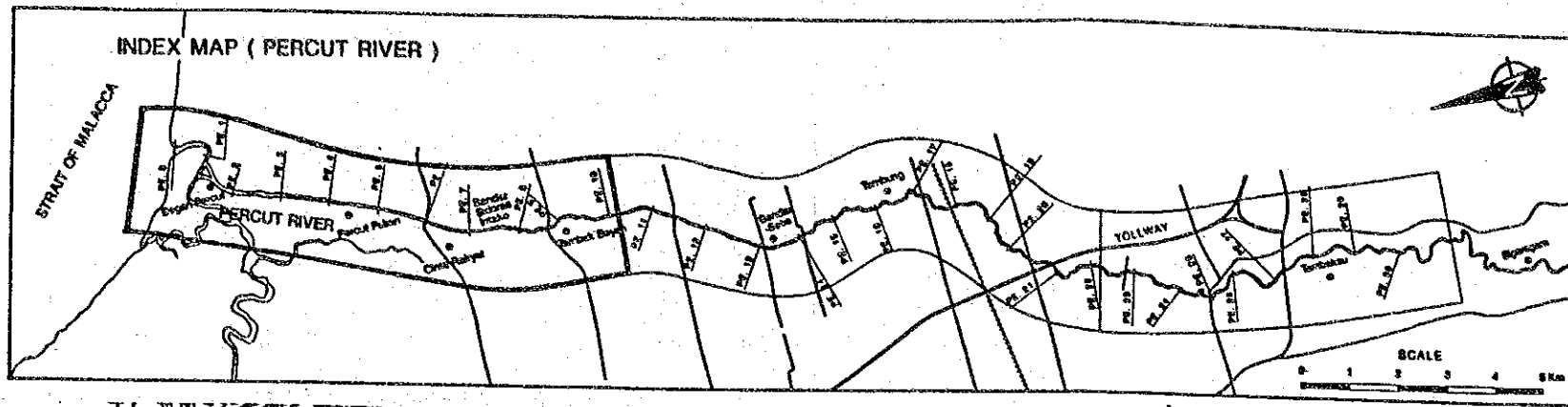


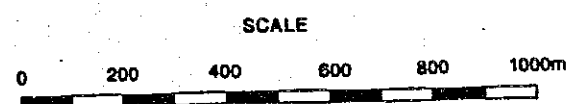
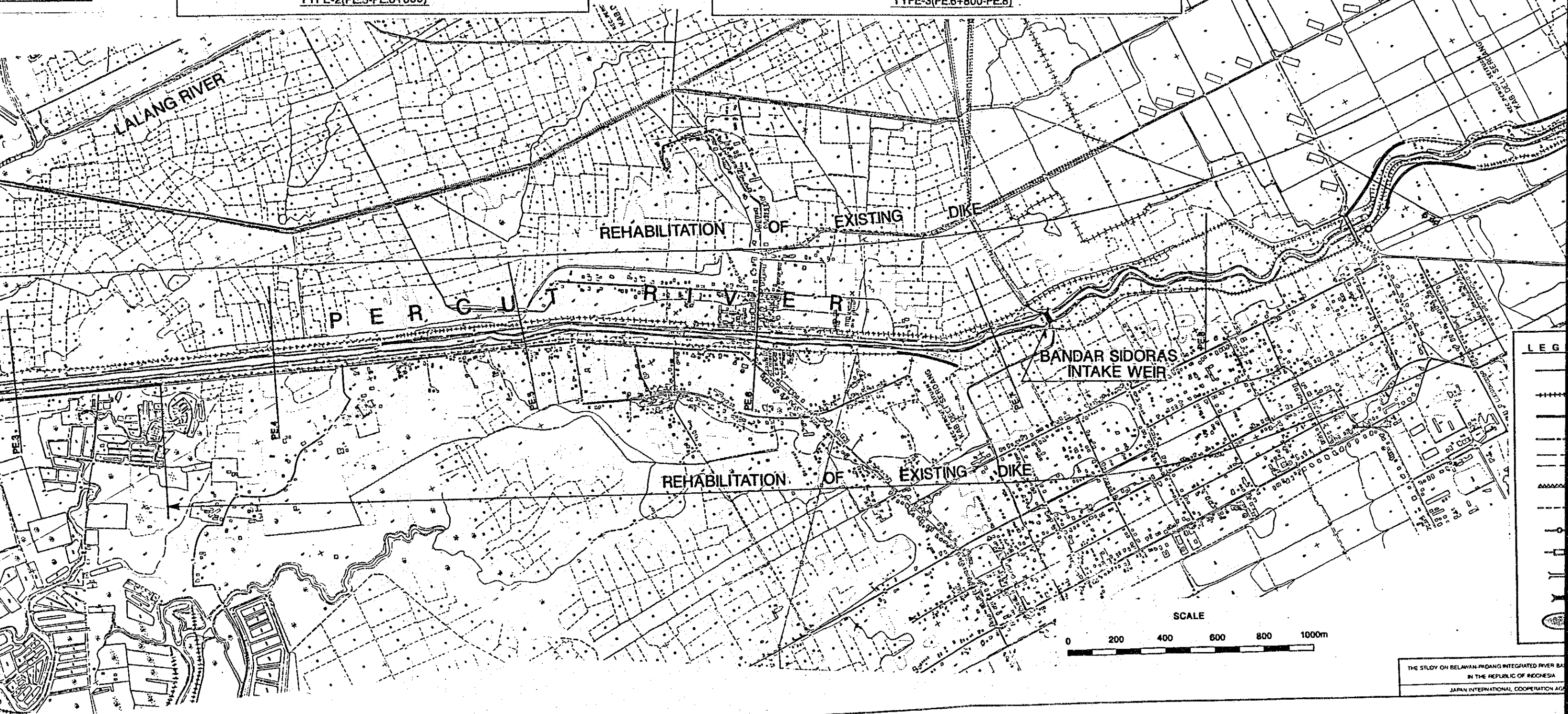
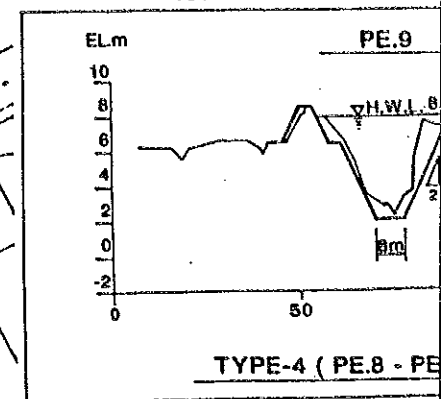
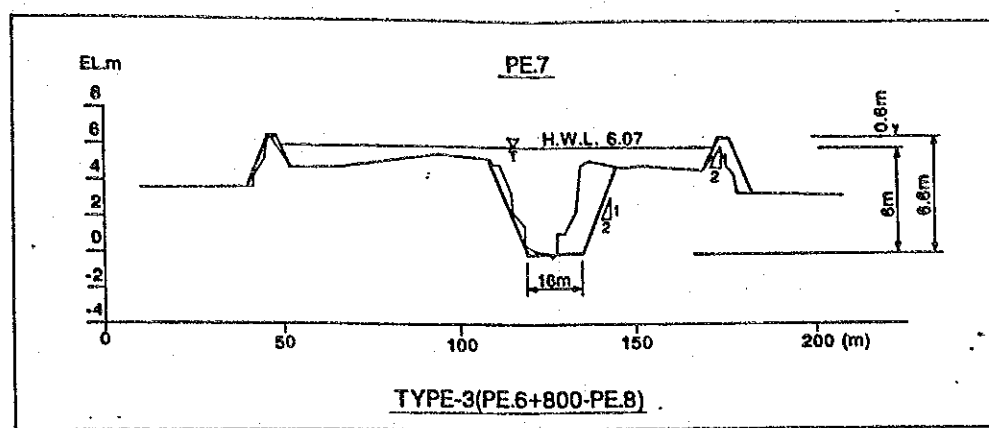
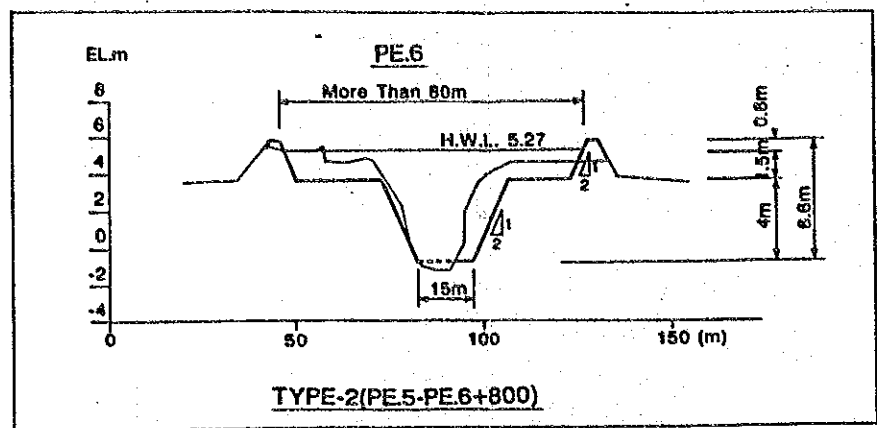
| LEGEND | |
|--------|-----------------------------|
| | CHANNEL ALIGNMENT |
| | EXISTING DIKE |
| | NEW EARTH DIKE |
| | NEW PARAPET WALL |
| | LOW WATER CHANNEL ALIGNMENT |
| | REVETMENT |
| | NEW IRRIGATION CANAL |
| | SLUICE WAY |
| | WATER GATE |
| | BRIDGE (TO BE CONSTRUCTED) |
| | WEIR |
| | INUNDATION AREA |

THE STUDY ON BELAWAN-PIDANG INTEGRATED RIVER BASIN DEVELOPMENT
 IN THE REPUBLIC OF INDONESIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

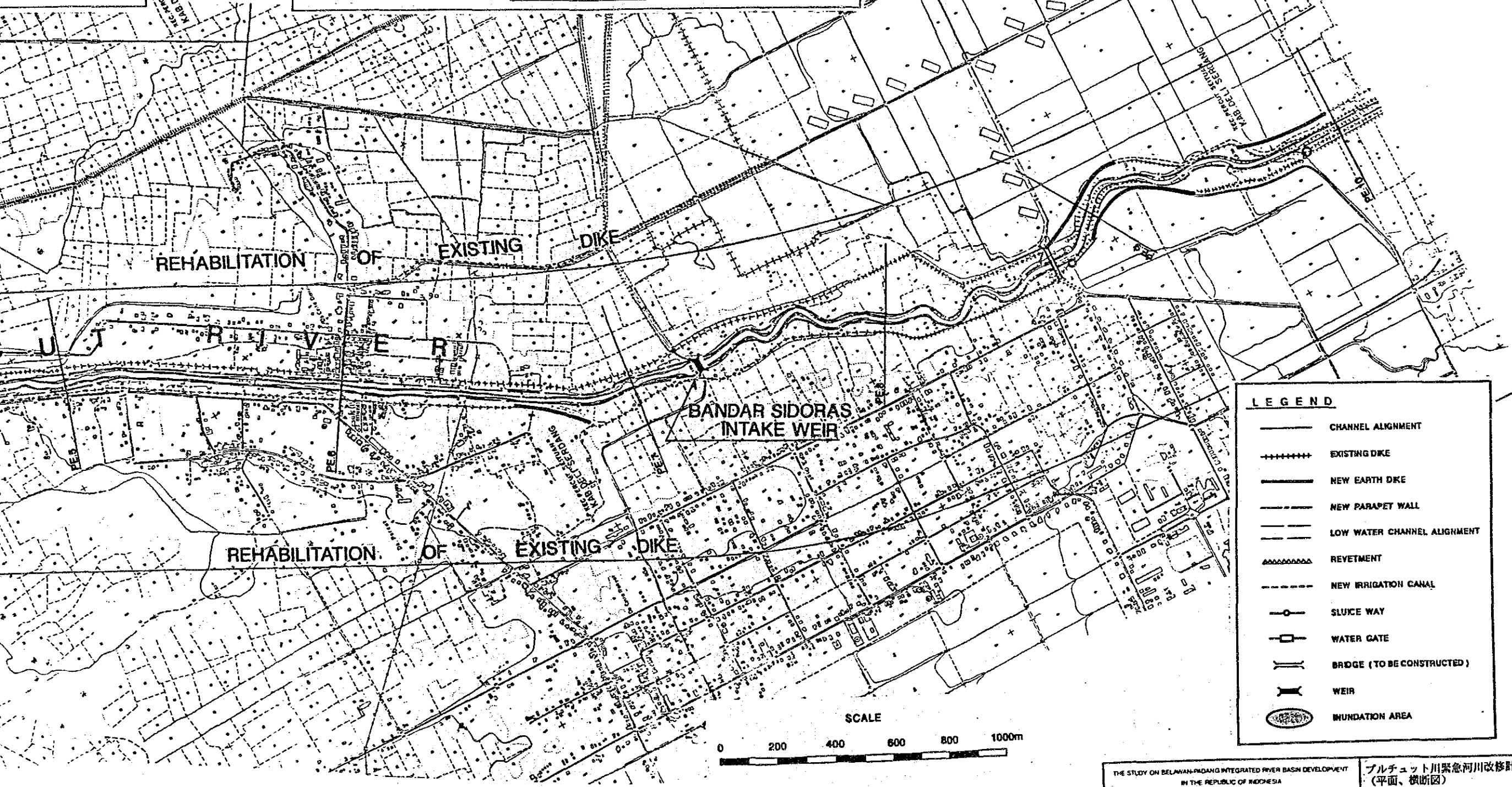
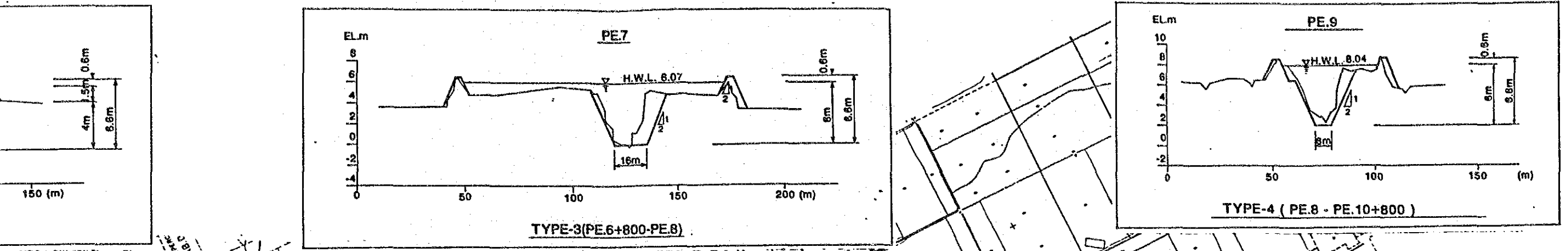
デリ川緊急河川改修計画
 (平面、横断面図)

図4-2 (4/4)



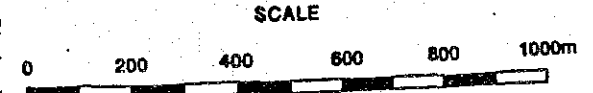


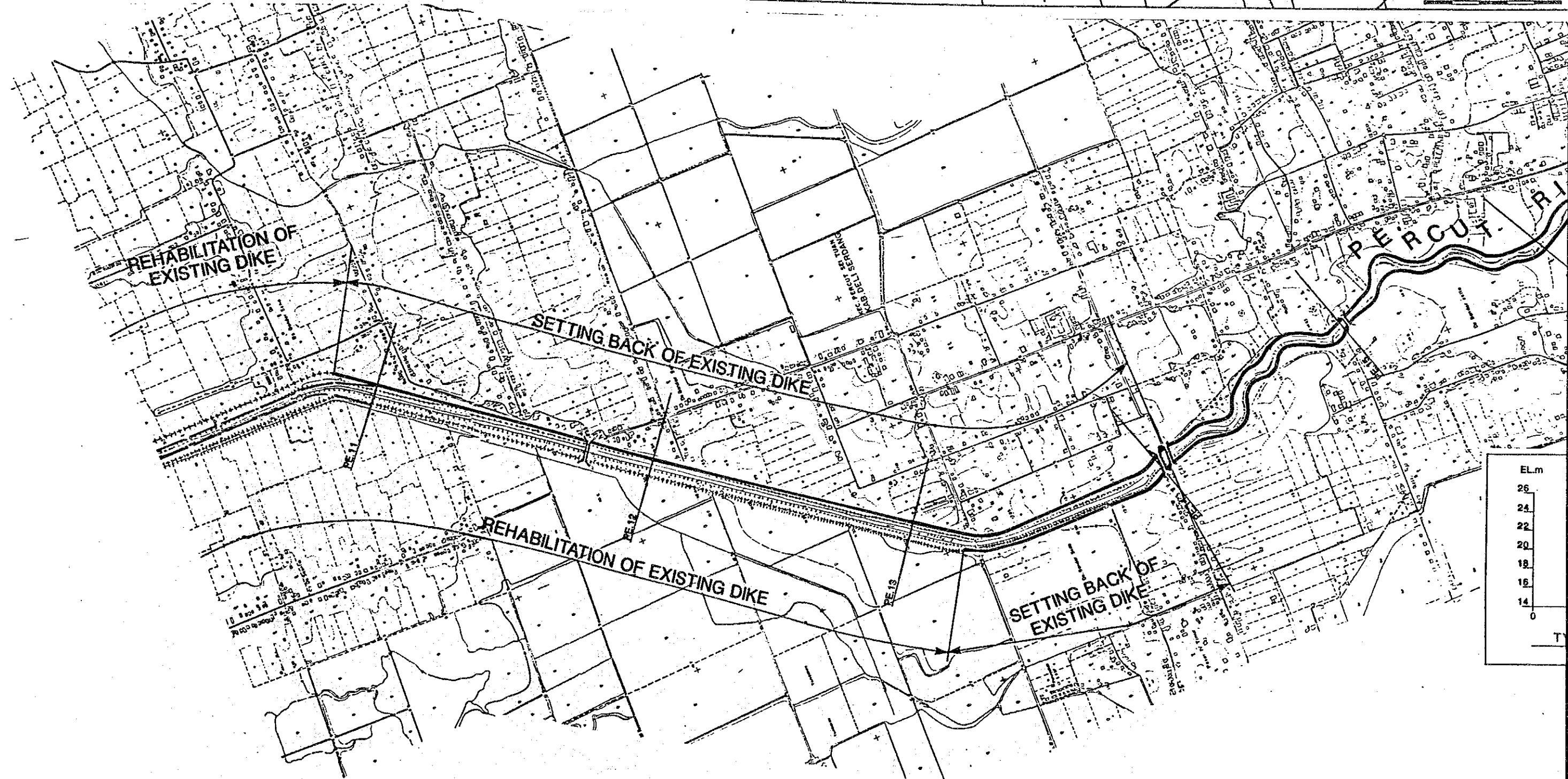
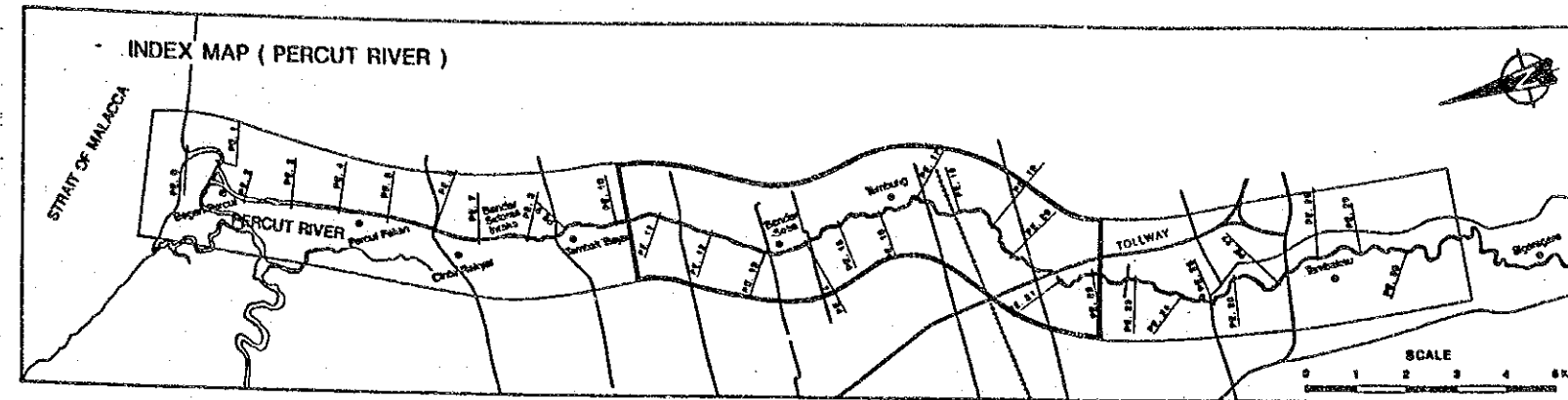
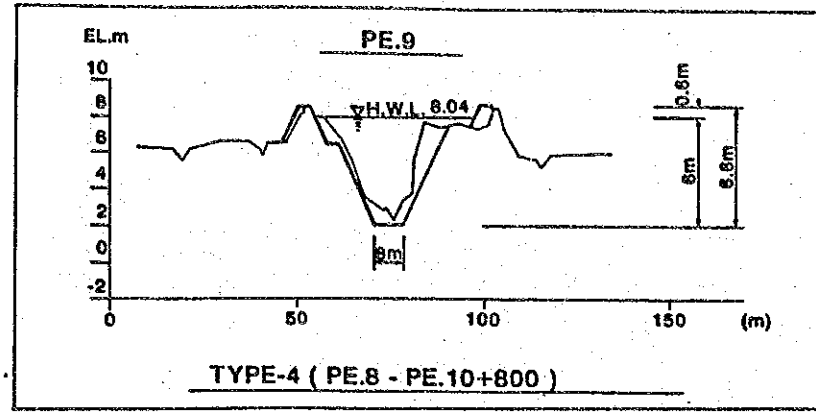
THE STUDY ON BELAWAN-PRANG INTEGRATED RIVER BASIN
IN THE REPUBLIC OF INDONESIA
JAPAN INTERNATIONAL COOPERATION AGENCY

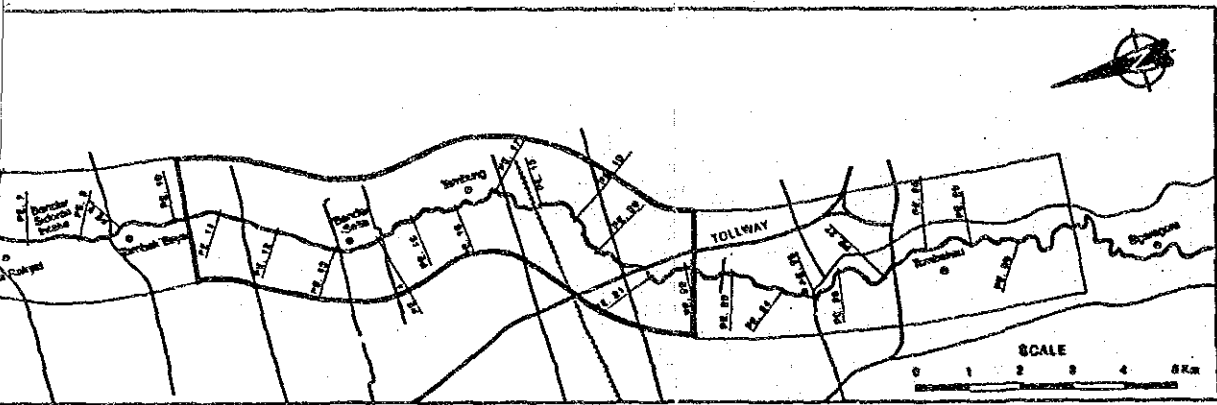
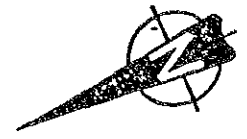


LEGEND

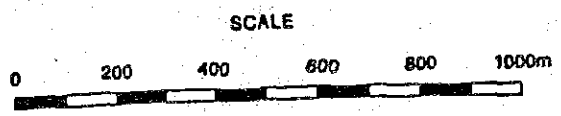
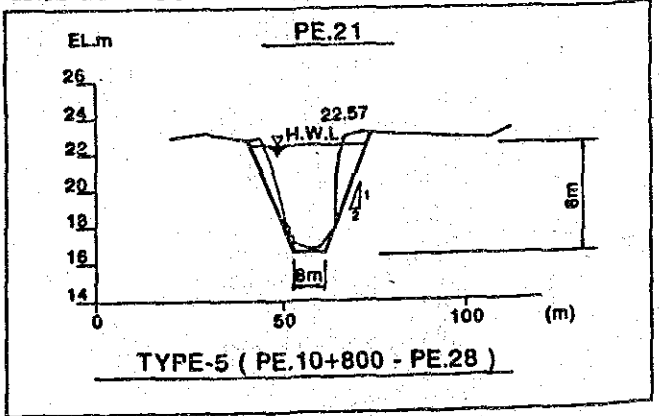
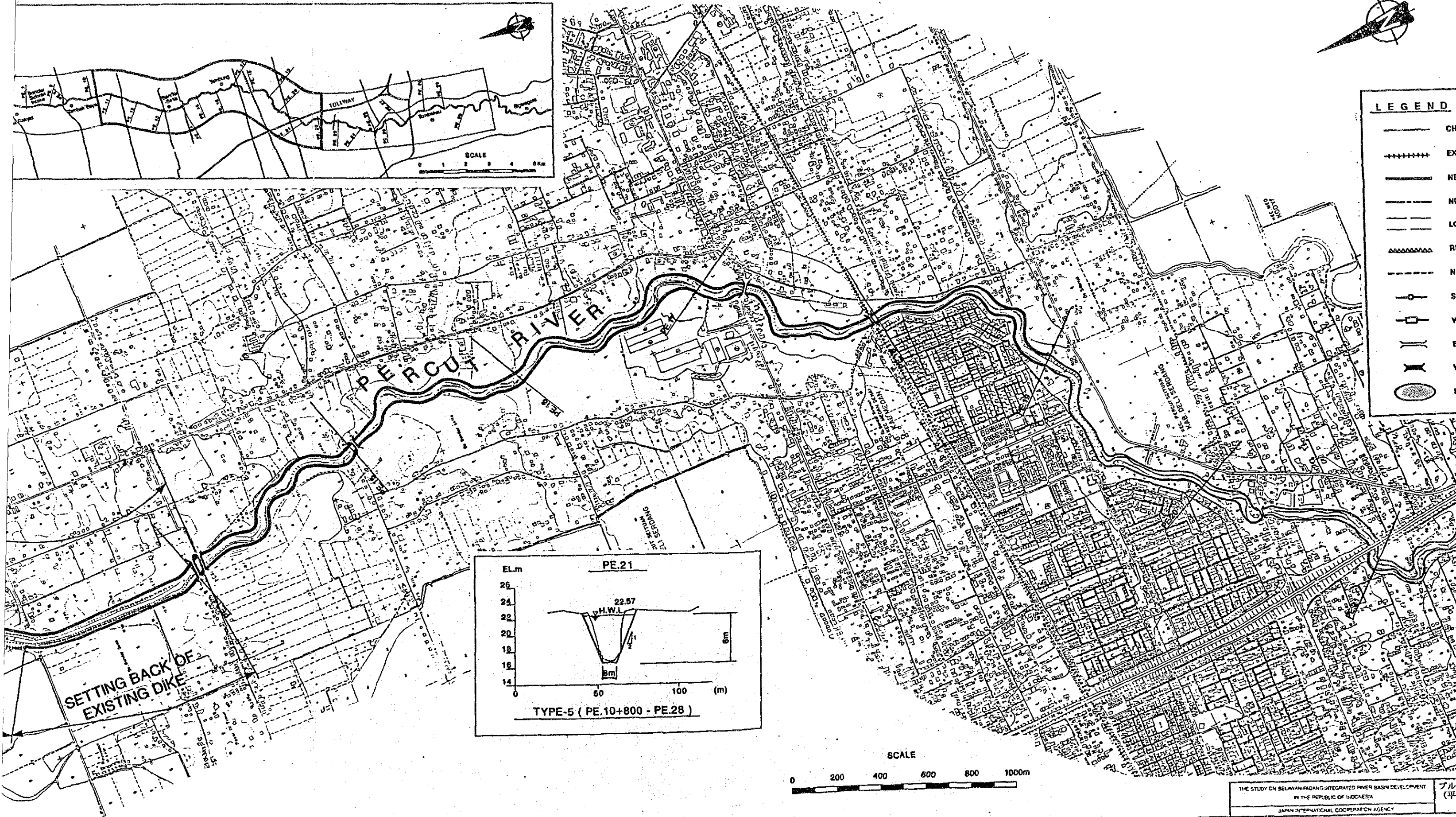
- CHANNEL ALIGNMENT
- EXISTING DIKE
- NEW EARTH DIKE
- NEW PARAPET WALL
- LOW WATER CHANNEL ALIGNMENT
- REVETMENT
- NEW IRRIGATION CANAL
- SLUICE WAY
- WATER GATE
- BRIDGE (TO BE CONSTRUCTED)
- WEIR
- INUNDATION AREA

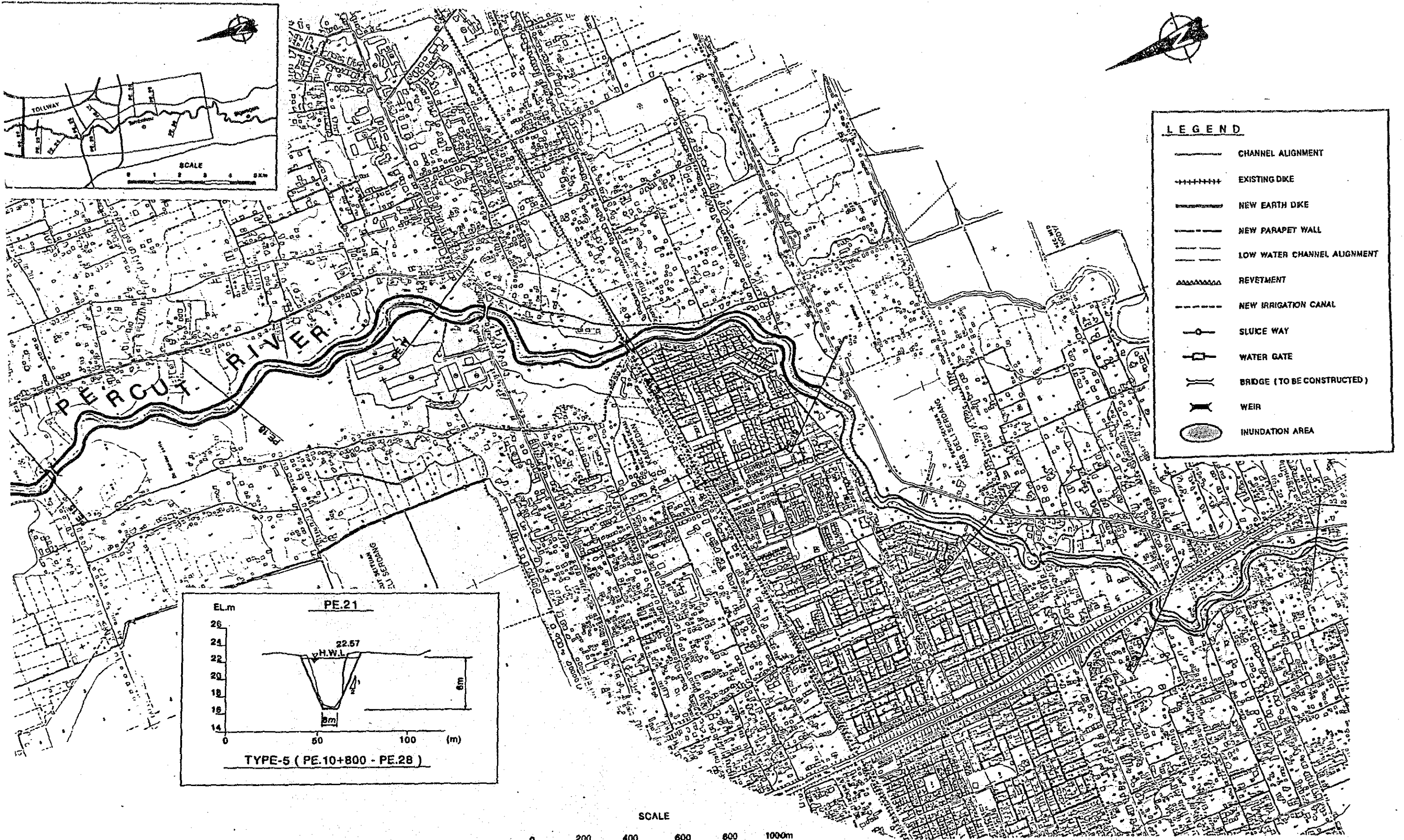
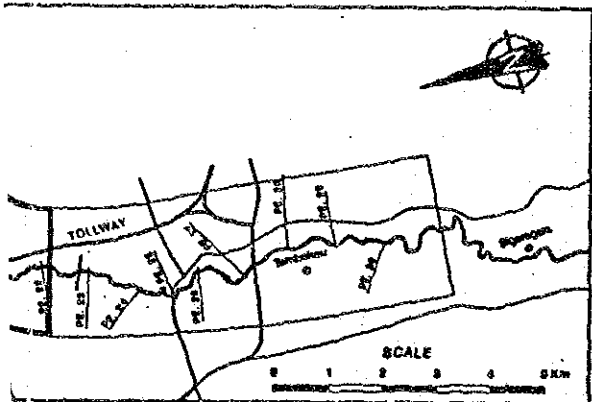




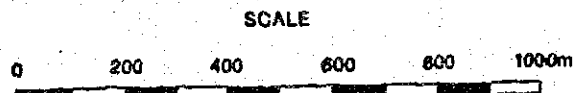
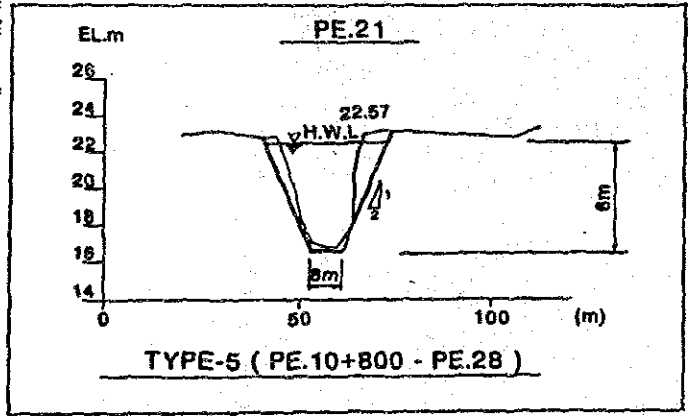


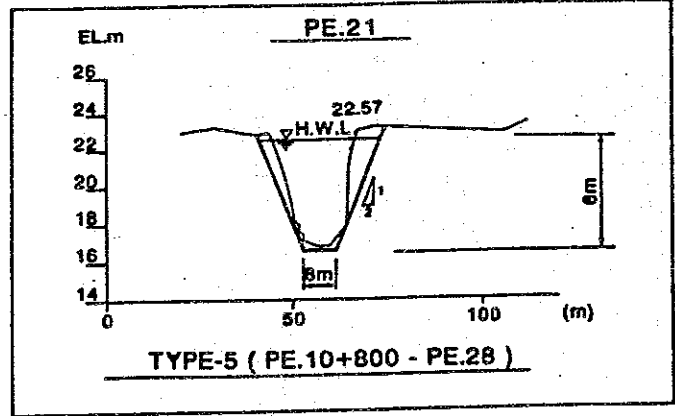
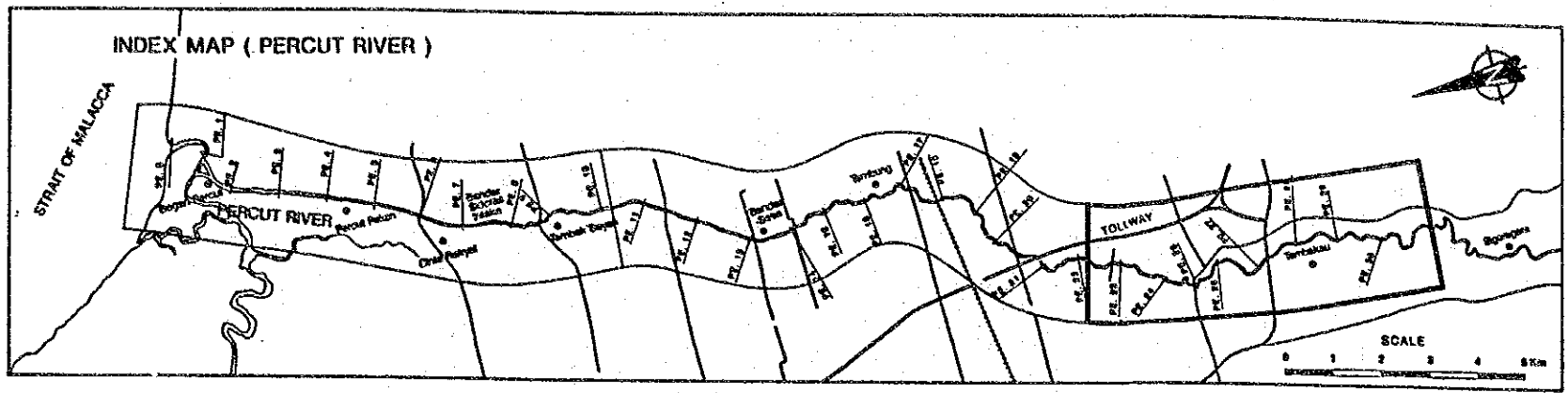
| LEGEND | |
|--------|----|
| | CH |
| | EX |
| | NE |
| | NE |
| | LC |
| | RI |
| | N |
| | S |
| | W |
| | B |
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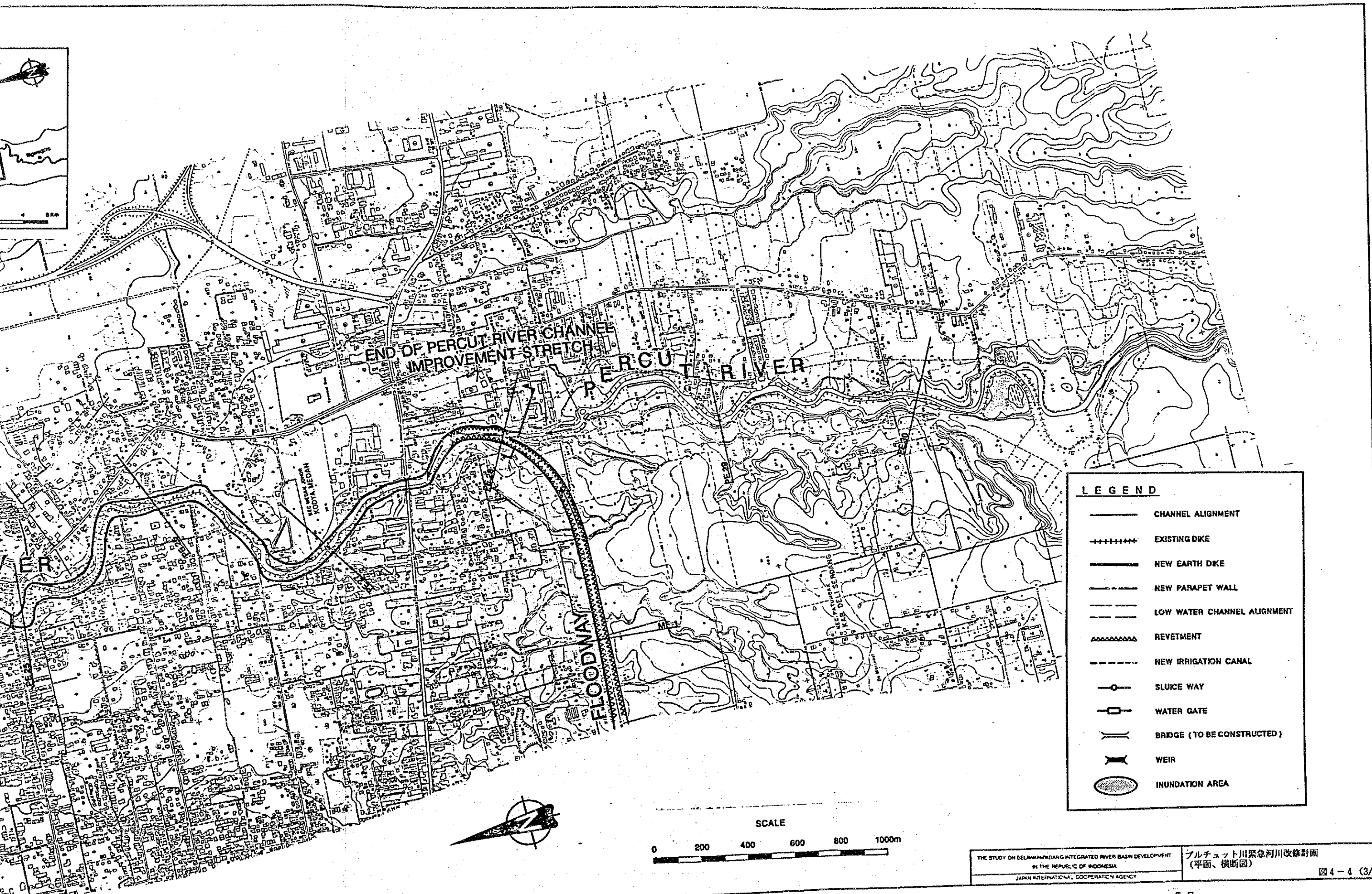




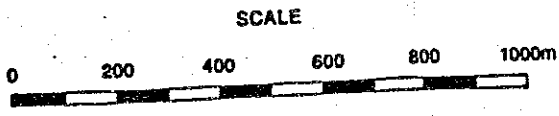
| LEGEND | |
|--------|-----------------------------|
| | CHANNEL ALIGNMENT |
| | EXISTING DKE |
| | NEW EARTH DKE |
| | NEW PARAPET WALL |
| | LOW WATER CHANNEL ALIGNMENT |
| | REVETMENT |
| | NEW IRRIGATION CANAL |
| | SLUICE WAY |
| | WATER GATE |
| | BRIDGE (TO BE CONSTRUCTED) |
| | WEIR |
| | INUNDATION AREA |





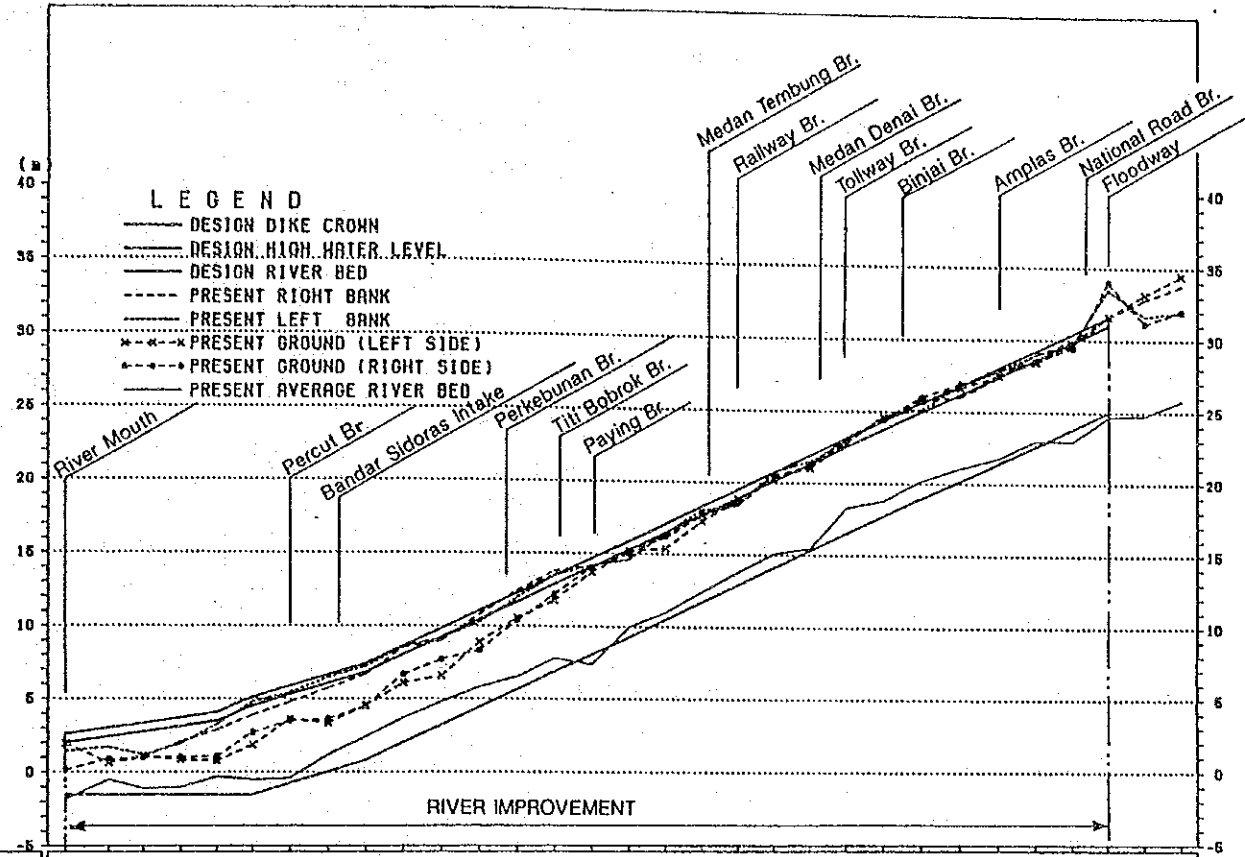


| LEGEND | |
|--------|-----------------------------|
| | CHANNEL ALIGNMENT |
| | EXISTING DIKE |
| | NEW EARTH DIKE |
| | NEW PARAPET WALL |
| | LOW WATER CHANNEL ALIGNMENT |
| | REVETMENT |
| | NEW IRRIGATION CANAL |
| | SLUICE WAY |
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| | BRIDGE (TO BE CONSTRUCTED) |
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THE STUDY ON BELAWAN-PROBANG INTEGRATED RIVER BASIN DEVELOPMENT
 IN THE REPUBLIC OF INDONESIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

ブルチユット川緊急河川改修計画
 (平面、横断面)
 図4-4 (3/3)



| Gradient of Design Riverbed | | Level | | 1/1,300 | | 1/825 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------|-------|----------|---------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| Design Elevation (m) | Dike Crown | 2.80 | 3.01 | 3.36 | 3.72 | 4.12 | 4.60 | 5.10 | 5.67 | 6.34 | 7.11 | 8.02 | 9.03 | 10.14 | 11.34 | 12.68 | 14.17 | 15.80 | 17.57 | 19.48 | 21.56 | 23.81 | 26.20 | 28.71 | 31.35 | | | | | | | |
| | High Water | 2.00 | 2.41 | 2.76 | 3.12 | 3.50 | 4.00 | 4.60 | 5.27 | 6.04 | 6.91 | 7.92 | 9.03 | 10.24 | 11.54 | 12.98 | 14.57 | 16.30 | 18.17 | 20.18 | 22.33 | 24.61 | 27.01 | 29.52 | 32.14 | | | | | | | |
| | Riverbed | -1.80 | -1.50 | -1.40 | -1.30 | -1.20 | -1.10 | -1.00 | -0.70 | 0.04 | 0.81 | 1.62 | 2.48 | 3.39 | 4.34 | 5.34 | 6.38 | 7.46 | 8.58 | 9.74 | 10.94 | 12.18 | 13.46 | 14.78 | 16.14 | 17.54 | | | | | | |
| Present Elevation (m) | Right Ground | 1.95 | 0.83 | 1.10 | 0.81 | 0.78 | 1.84 | 3.83 | 5.35 | 6.83 | 8.27 | 9.67 | 11.02 | 12.32 | 13.57 | 14.78 | 15.94 | 17.05 | 18.11 | 19.12 | 20.08 | 21.00 | 21.88 | 22.71 | 23.49 | | | | | | | |
| | Left Ground | 0.15 | 0.88 | 0.89 | 1.02 | 1.08 | 2.88 | 3.81 | 5.84 | 7.84 | 9.23 | 10.41 | 11.37 | 12.04 | 12.52 | 12.94 | 13.31 | 13.63 | 13.90 | 14.12 | 14.30 | 14.44 | 14.54 | 14.60 | 14.62 | | | | | | | |
| | Average Riverbed | -1.80 | -0.80 | -1.10 | -1.00 | -0.30 | -0.80 | -0.40 | 1.20 | 2.48 | 3.76 | 4.80 | 5.60 | 6.20 | 6.60 | 6.80 | 6.90 | 6.90 | 6.90 | 6.90 | 6.90 | 6.90 | 6.90 | 6.90 | 6.90 | | | | | | | |
| Distance | accum. (km) | 0.000 | 1.100 | 2.000 | 3.000 | 4.000 | 5.000 | 6.000 | 7.000 | 8.000 | 9.000 | 10.000 | 11.000 | 12.000 | 13.000 | 14.000 | 15.000 | 16.000 | 17.000 | 18.000 | 19.000 | 20.000 | 21.000 | 22.000 | 23.000 | | | | | | | |
| | partial (m) | 0 | 1100 | 900 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | | | | | |
| Station No. | | PE-0 | PE-1=100 | PE-2 | PE-3 | PE-4 | PE-5 | PE-6 | PE-7 | PE-8 | PE-9 | PE-10 | PE-11 | PE-12 | PE-13 | PE-14 | PE-15 | PE-16 | PE-17 | PE-18 | PE-19 | PE-20 | PE-21 | PE-22 | PE-23 | PE-24 | PE-25 | PE-26 | PE-27 | PE-28 | PE-29 | PE-30 |

THE STUDY ON BELAWAN-PADANG INTEGRATED RIVER BASIN DEVELOPMENT
 IN THE REPUBLIC OF INDONESIA
 JAPAN INTERNATIONAL COOPERATION AGENCY

プルチユット川緊急河川改修計画
 (縦断面)
 図4-5

