

マレーシア国

JB-TRANSPLAN

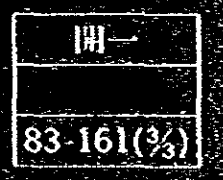
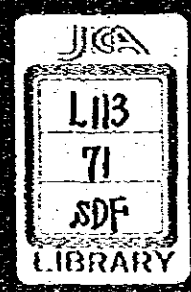
マレーシア国ジョホールバル道路交通計画最終報告

FINAL REPORT

図面集

昭和59年3月

国際協力事業団



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マレーシア国

JB-TRANSPLAN

マレーシア国ジョホールバル道路交通計画最終報告

FINAL REPORT

図面集

昭和59年3月

国際協力事業団

国際協力事業団

| | | |
|----------|-----------|------|
| 受入 月日 | '85.10.14 | L113 |
| 登録No. | 12045 | 71 |
| | | SDF |

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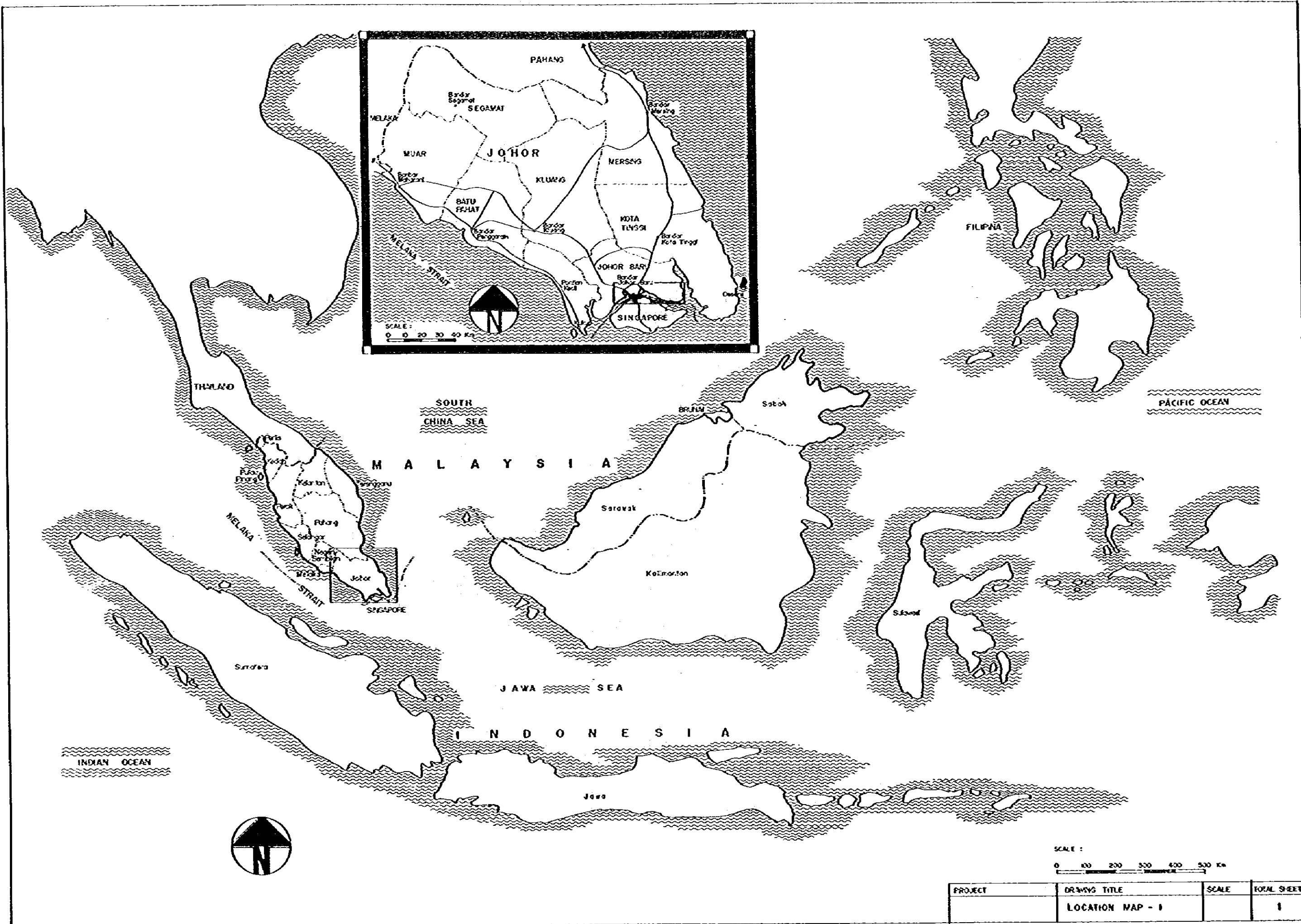
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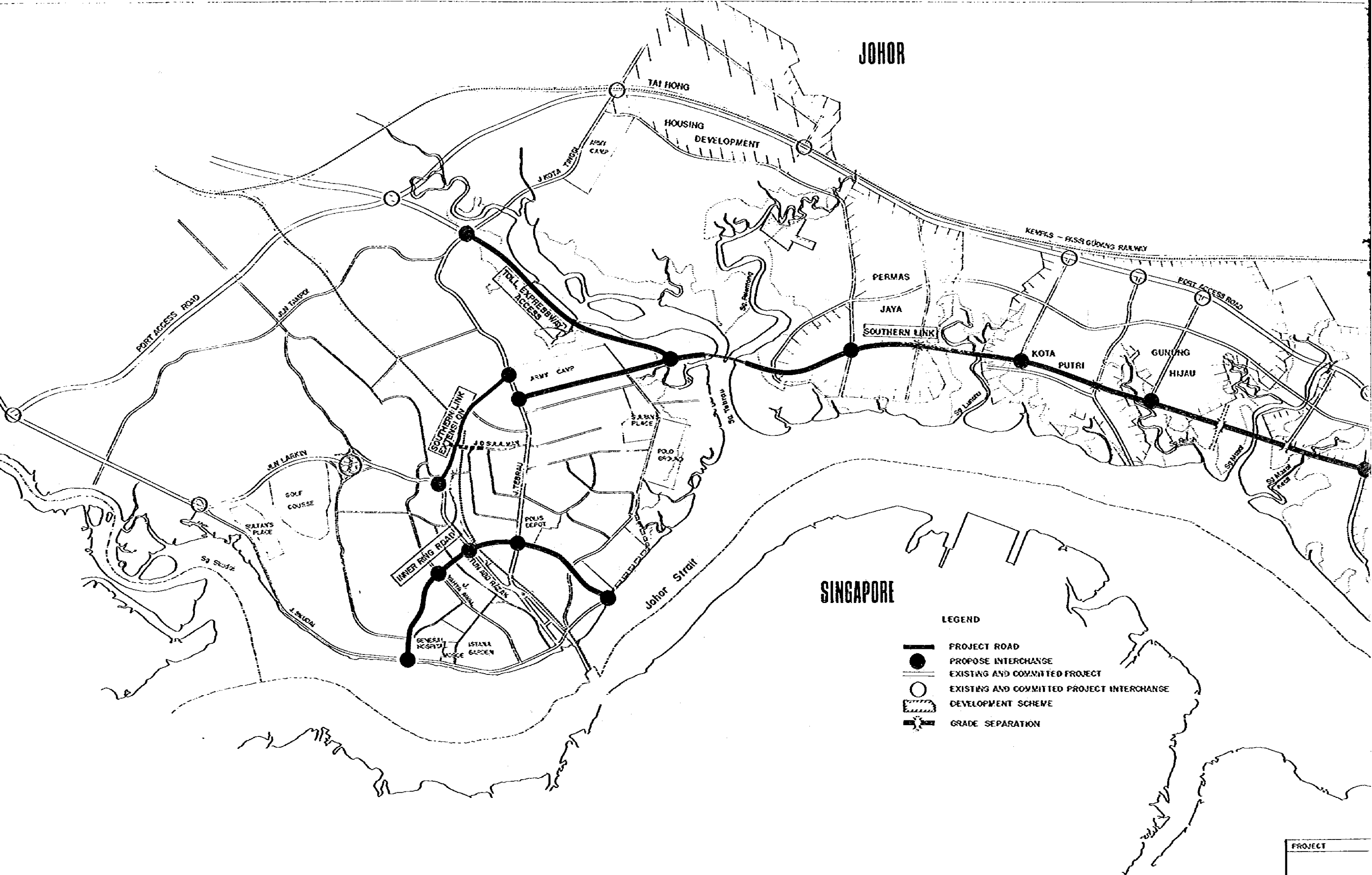
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



| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|---------|------------------|-------|-------------|
| | LOCATION MAP - 1 | | 1 |

JOHOR



LEGEND

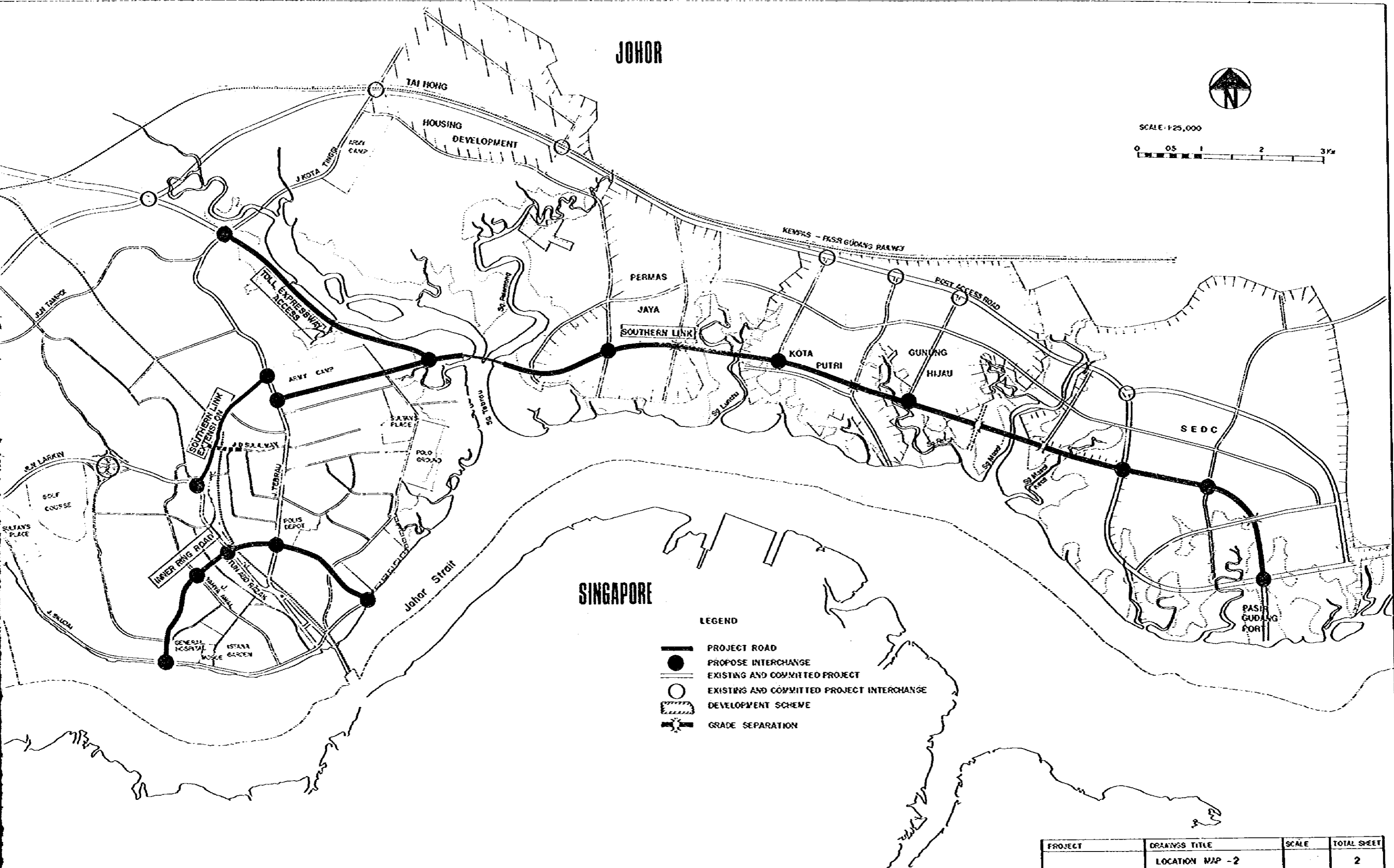
-  PROJECT ROAD
-  PROPOSE INTERCHANGE
-  EXISTING AND COMMITTED PROJECT INTERCHANGE
-  DEVELOPMENT SCHEME
-  GRADE SEPARATION

PROJECT

JOHOR









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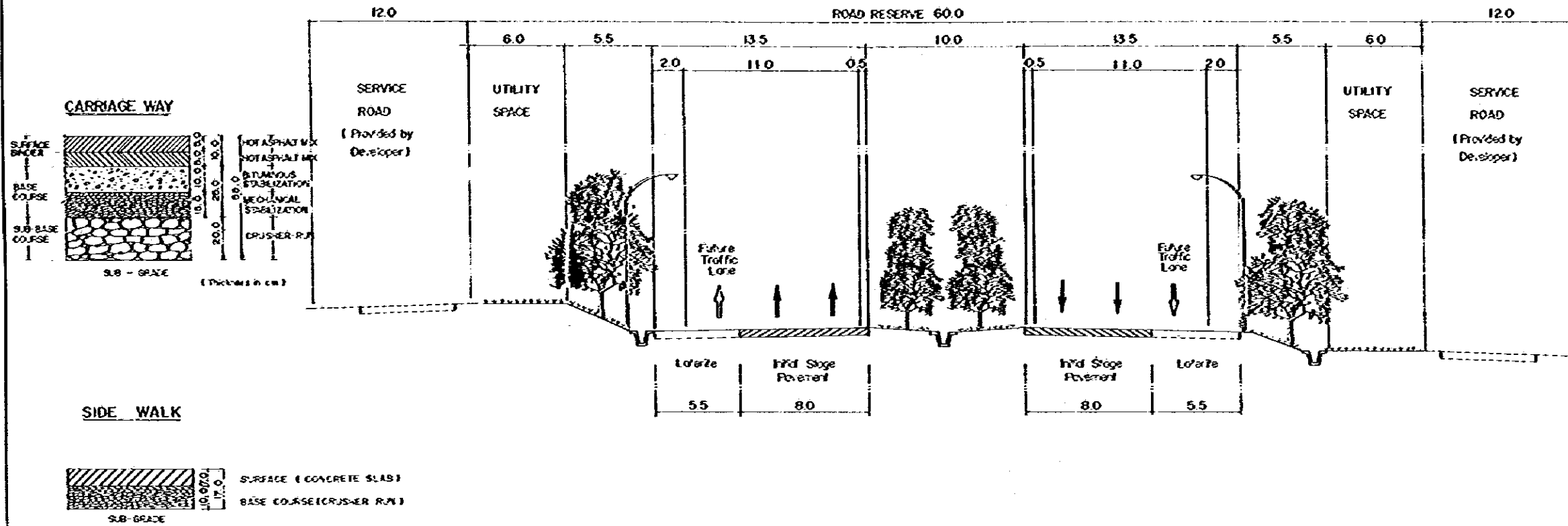
SINGAPORE

LEGEND

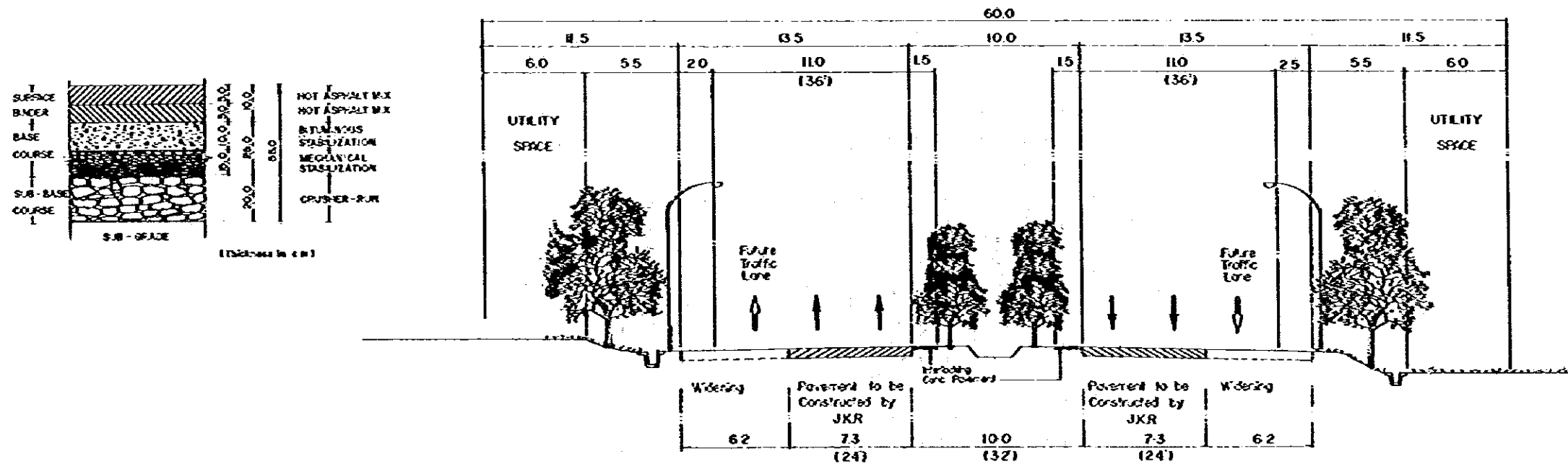
-  PROJECT ROAD
-  PROPOSE INTERCHANGE
-  EXISTING AND COMMITTED PROJECT
-  EXISTING AND COMMITTED PROJECT INTERCHANGE
-  DEVELOPMENT SCHEME
-  GRADE SEPARATION

| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|---------|------------------|-------|-------------|
| | LOCATION MAP - 2 | | 2 |

SOUTHERN LINK ROAD PELENTONG AREA



PASIR GUDANG AREA

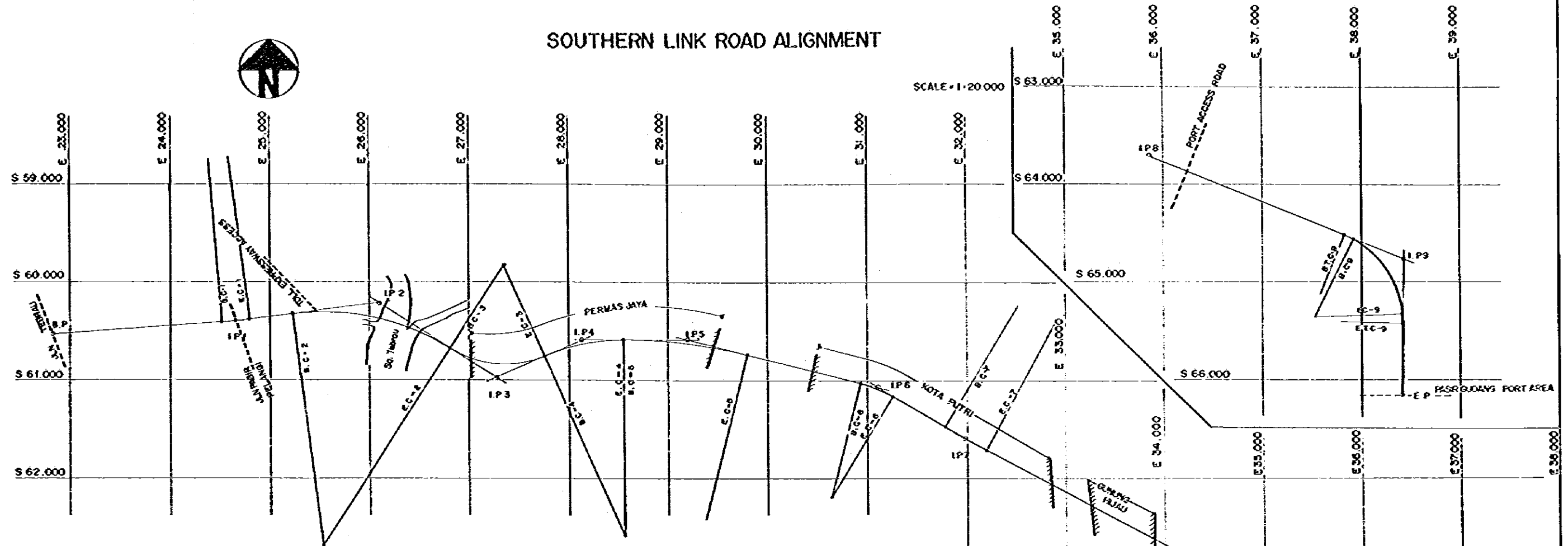


| PROJECT | DRAWINGS | SCALE | TOTAL SHEET |
|--------------------|---------------------------|-------|-------------|
| SOUTHERN LINK ROAD | TYPICAL CROSS-SECTION 2/2 | | 4 |

SOUTHERN LINK ROAD ALIGNMENT



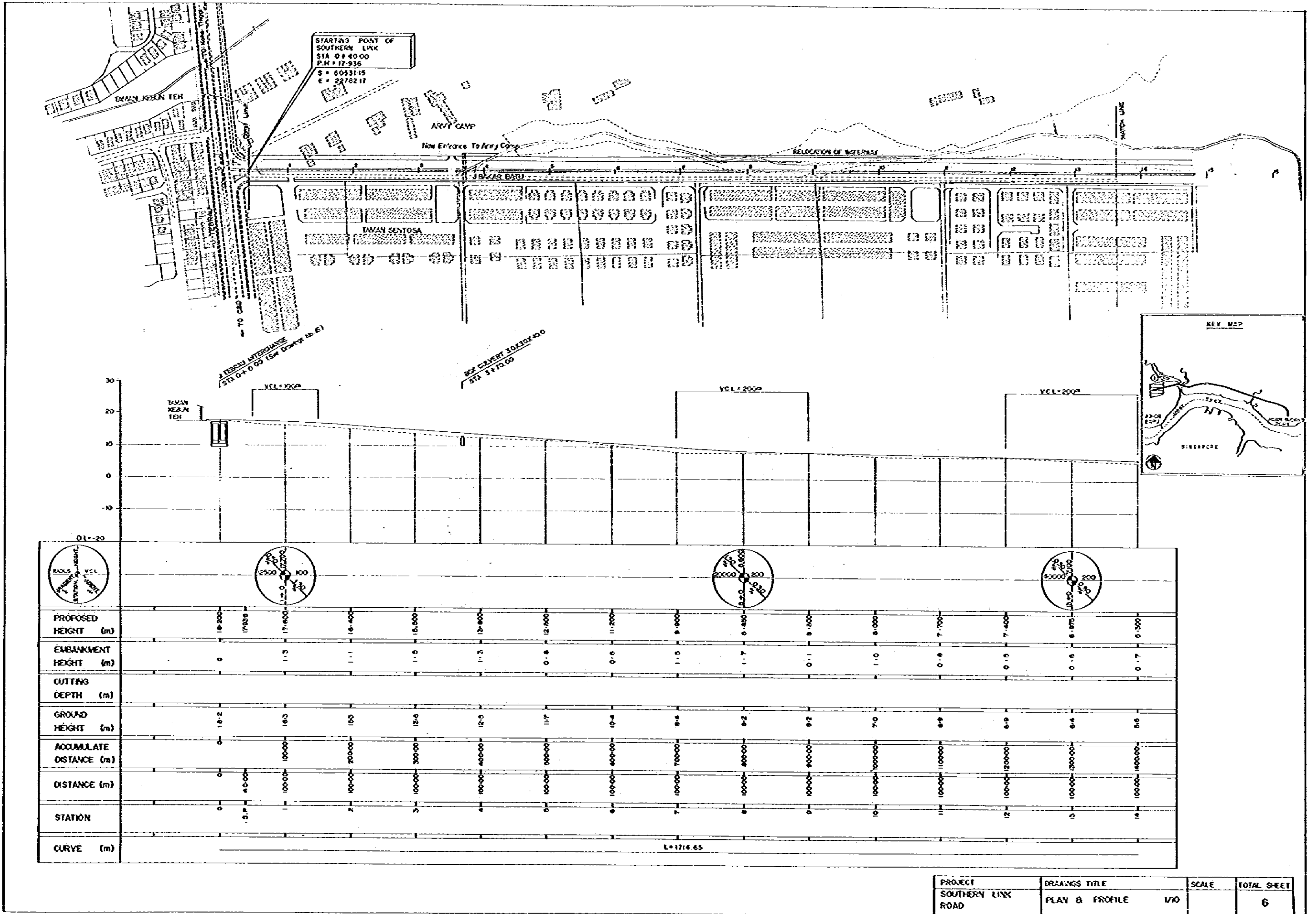
SCALE = 1:20 000



ELEMENT OF CURVES

| I.P. NO. | I.P. COORDINATE (m) | | DISTANCE (m) | AZIMUTH | I.A (m) | R (m) | T.L (m) | C.L (m) | S.L (m) | STATIONING |
|----------|---------------------|----------|--------------|--------------|-------------|--------|---------|---------|---------------------|-----------------------|
| | S | E | | | | | | | | |
| BP | 60534.17 | 22821.93 | 1,845.58 | 85° 39' 48" | - | - | - | - | - | B.P STA 0 + 0.00 |
| 1 | 60394.62 | 24662.23 | 1,432.76 | 82° 39' 48" | 3° 00' 00" | 5,000 | 130.93 | 261.80 | 1.71 | B.C-1 STA 17 + 14.65 |
| | | | 1,406.56 | 122° 38' 03" | 39° 58' 25" | 2,400 | 872.90 | 1634.41 | 153.81 | E.C-1 STA 19 + 76.45 |
| 2 | 60211.65 | 26063.25 | 1,406.56 | 122° 38' 03" | 39° 58' 25" | 2,400 | 872.90 | 1634.41 | 153.81 | B.C-2 STA 24 + 05.38 |
| | | | 953.37 | 66° 27' 45" | 55° 10' 24" | 1,000 | 533.65 | 980.41 | 133.49 | E.C-2 STA 40 + 79.79 |
| 3 | 60970.23 | 27267.72 | 1,046.03 | 90° 10' 03" | 14° 16' 45" | 5,000 | 626.31 | 1246.14 | 39.07 | B.C-3 STA 40 + 79.79 |
| | | | 1,975.70 | 104° 26' 50" | 16° 33' 10" | 1,200 | 174.56 | 346.68 | 12.63 | E.C-3 STA 50 + 60.20 |
| 4 | 60569.52 | 28141.77 | 1,032.07 | 121° 00' 00" | 2° 45' 00" | 10,000 | 240.03 | 479.97 | 2.68 | B.C-4 STA 50 + 60.20 |
| | | | 4,398.92 | 118° 15' 00" | 5° 53' 33" | 4,000 | 206.87 | 411.39 | 5.29 | E.C-4 STA 58 + 87.62 |
| 5 | 60592.58 | 29187.80 | 2,776.98 | 112° 21' 26" | 68° 33' 00" | 896.72 | 657.23 | 91.44 | 188.98 | B.C-5 STA 58 + 87.62 |
| | | | 1,398.87 | 160° 54' 20" | - | - | - | - | - | - |
| 6 | 61085.49 | 31101.02 | 1,398.87 | 160° 54' 20" | - | - | - | - | - | B.C-6 STA 83 + 08.59 |
| | | | 1,032.07 | 121° 00' 00" | 2° 45' 00" | 10,000 | 240.03 | 479.97 | 2.68 | E.C-6 STA 86 + 55.27 |
| 7 | 61617.06 | 31985.68 | 1,032.07 | 121° 00' 00" | 2° 45' 00" | 10,000 | 240.03 | 479.97 | 2.68 | B.C-7 STA 92 + 72.75 |
| | | | 4,398.92 | 118° 15' 00" | 5° 53' 33" | 4,000 | 206.87 | 411.39 | 5.29 | E.C-7 STA 97 + 52.72 |
| 8 | 63690.14 | 35860.65 | 2,776.98 | 112° 21' 26" | 68° 33' 00" | 896.72 | 657.23 | 91.44 | 188.98 | B.C-8 STA 137 + 06.74 |
| | | | 1,398.87 | 160° 54' 20" | - | - | - | - | - | - |
| 9 | 64756.45 | 38428.88 | 1,398.87 | 160° 54' 20" | - | - | - | - | - | B.C-9 STA 160 + 31.04 |
| | | | 1,032.07 | 121° 00' 00" | 2° 45' 00" | 10,000 | 240.03 | 479.97 | 2.68 | E.C-9 STA 161 + 22.45 |
| | | | 4,398.92 | 118° 15' 00" | 5° 53' 33" | 4,000 | 206.87 | 411.39 | 5.29 | B.C-9 STA 171 + 04.03 |
| | | | 2,776.98 | 112° 21' 26" | 68° 33' 00" | 896.72 | 657.23 | 91.44 | 188.98 | E.C-9 STA 171 + 95.47 |
| E.P | 66154.15 | 38406.72 | - | - | - | - | - | - | E.P STA 179 + 37.11 | |

| PROJECT | DRAWINGS TITLE | SCALE | TOTAL SHEET |
|---------------------------------|----------------|-------|-------------|
| J.B - P.6 SOUTHERN LINK ROAD | ROAD ALIGNMENT | | 5 |



STARTING POINT OF
SOUTHERN LINK
STA 0+40.00
P.H. = 12.936
S = 6053115
E = 2278217

ARMY CAMP
New Entrance To Army Camp

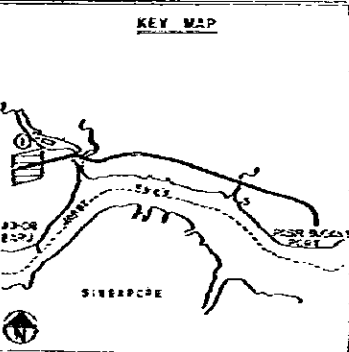
RELOCATION OF WATERWAY

MATCH LINE

TAMAN SENTOSA

NEW CEMENT ROAD
STA 3+70.00

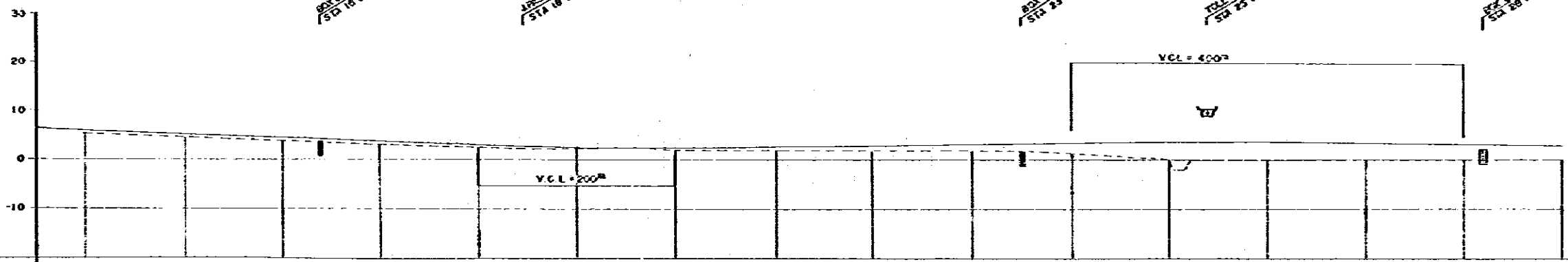
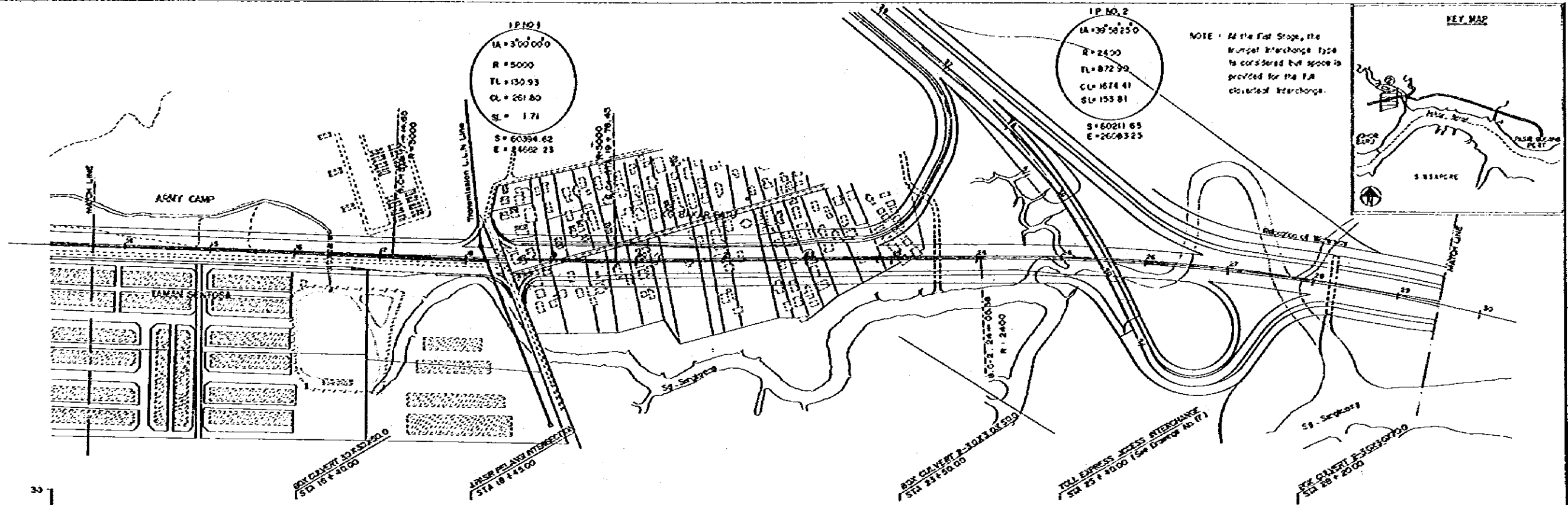
JERAM INTERCHANGE
STA 0+00.00 (See Drawing No. E1)



| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|
| PROPOSED HEIGHT (m) | 18.200 | 17.800 | 17.400 | 16.400 | 15.500 | 13.800 | 12.700 | 11.200 | 9.800 | 8.400 | 8.000 | 7.700 | 7.400 | 6.975 | 6.300 |
| EMBANKMENT HEIGHT (m) | 0 | 1.3 | 1.1 | 1.5 | 1.3 | 0.8 | 0.6 | 1.3 | 1.7 | 0.1 | 1.0 | 0.6 | 0.5 | 0.6 | 0.7 |
| CUTTING DEPTH (m) | | | | | | | | | | | | | | | |
| GROUND HEIGHT (m) | 18.2 | 16.5 | 15.3 | 13.9 | 12.2 | 11.7 | 10.4 | 8.5 | 8.2 | 8.2 | 7.0 | 6.8 | 6.9 | 6.4 | 5.6 |
| ACCUMULATE DISTANCE (m) | 0 | 10000 | 20000 | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | 100000 | 110000 | 120000 | 130000 | 140000 |
| DISTANCE (m) | 0 | 4000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| STATION | 0 | 4000 | 10000 | 20000 | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | 100000 | 110000 | 120000 | 140000 |
| CURVE (m) | | | | | | | | | | | | | | | |

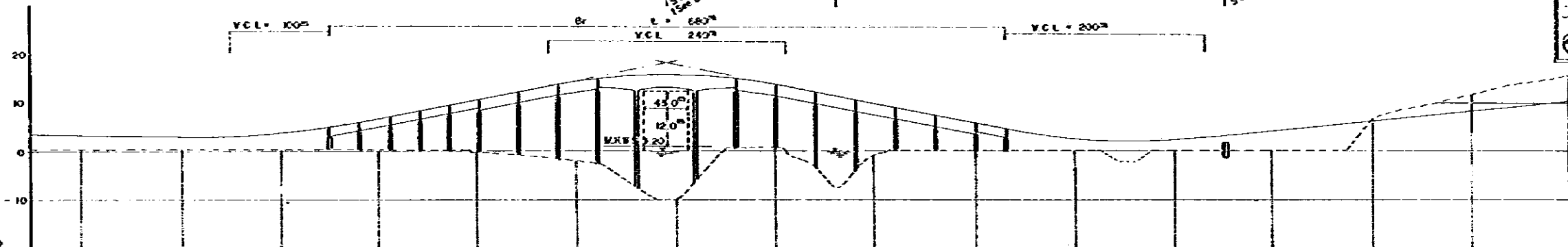
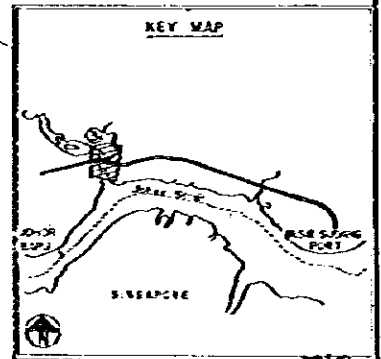
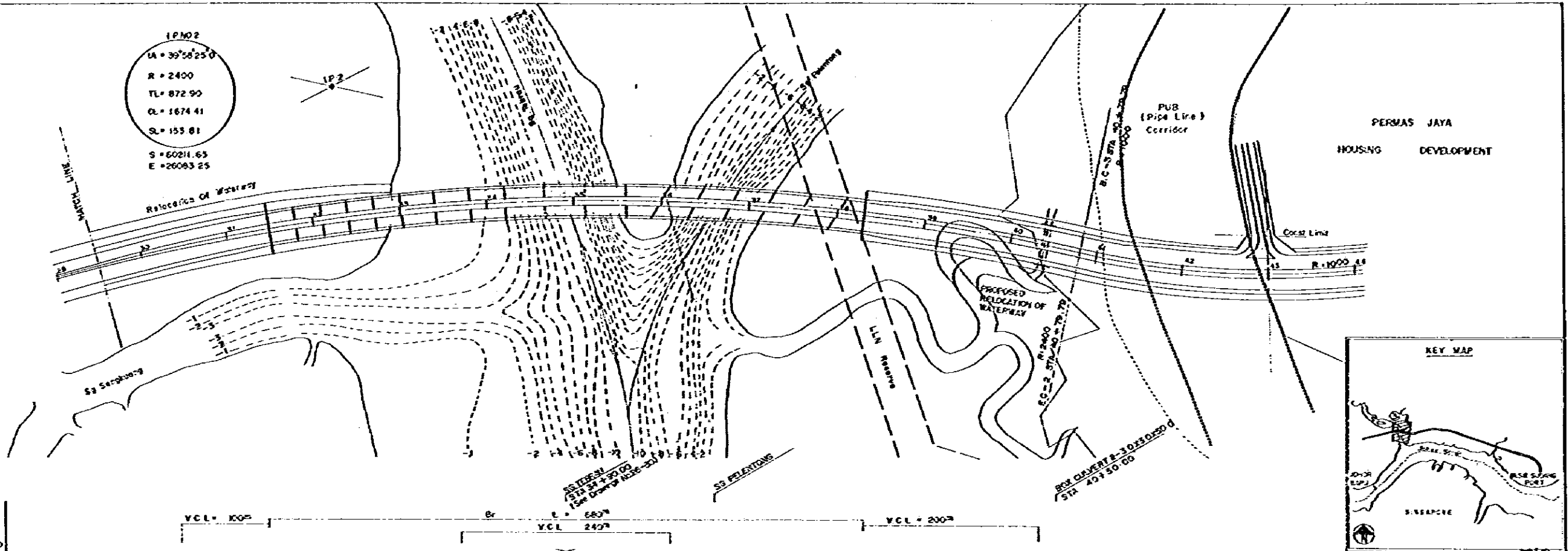
L=17:14.65

| | | | |
|----------------------------------|----------------------------------|---------------|------------------|
| PROJECT SOUTHERN LINK ROAD | DRAWINGS TITLE PLAN & PROFILE | SCALE 1/10 | TOTAL SHEET 6 |
|----------------------------------|----------------------------------|---------------|------------------|



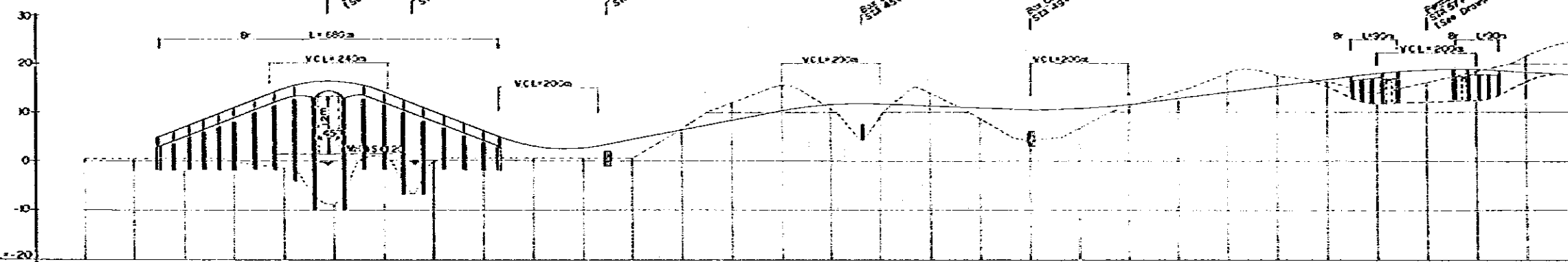
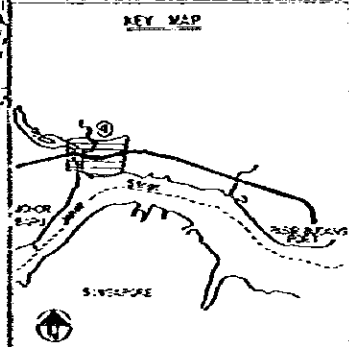
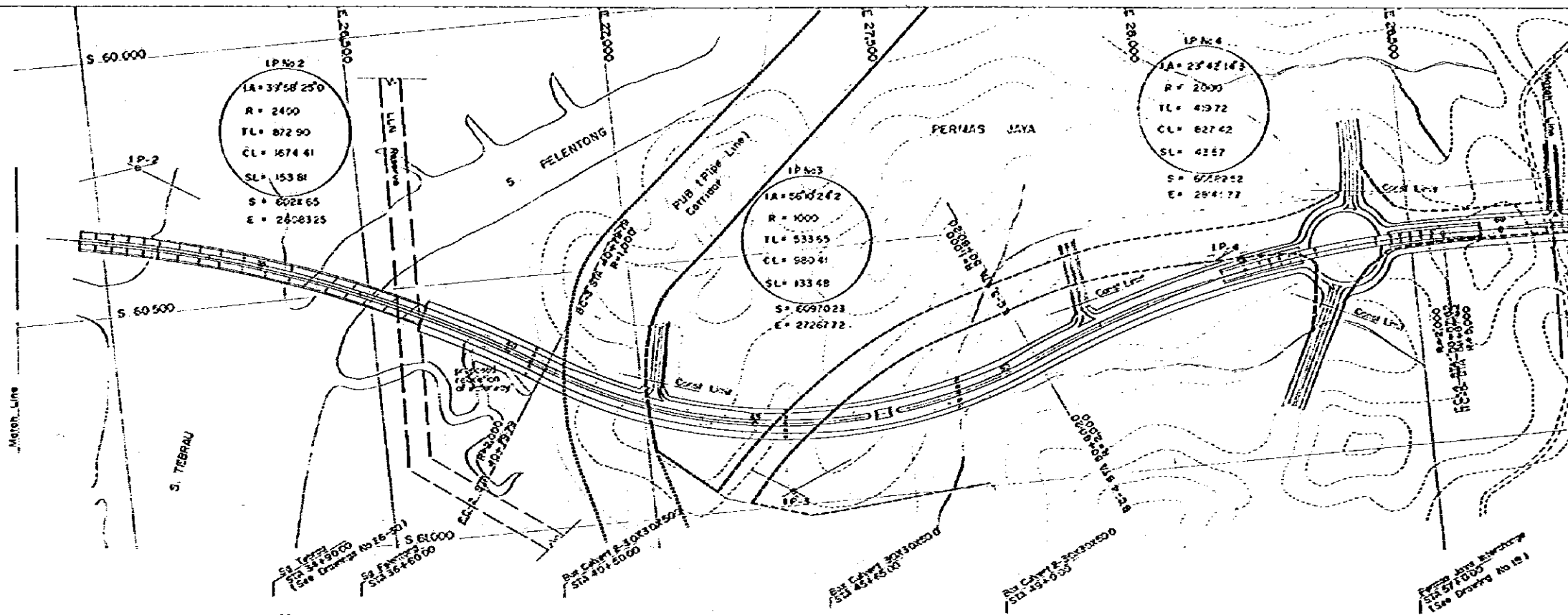
| PROPOSED HEIGHT (m) | 6.300 | 6.800 | 4.700 | 3.000 | 3.100 | 2.976 | 2.600 | 2.600 | 3.200 | 3.000 | 3.800 | 4.028 | 4.110 | 4.048 | 3.840 | 3.000 | |
|-------------------------|-----------|-----------|-----------|--------------------|----------|----------|----------|----------|----------|--------------------|----------|----------|----------|----------|----------|----------|----------|
| EMBANKMENT HEIGHT (m) | 0.7 | 0.0 | 0.4 | 0.5 | 0.3 | 0.2 | 0.2 | 0.6 | 1.0 | 1.4 | 2.0 | 3.5 | 3.6 | 3.0 | 3.5 | 3.1 | |
| CUTTING DEPTH (m) | | | | | | | | | | | | | | | | | |
| GROUND HEIGHT (m) | 0.0 | 0.0 | 4.3 | 3.4 | 2.8 | 2.4 | 2.4 | 2.3 | 2.2 | 2.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| ACCUMULATE DISTANCE (m) | 400.00 | 800.00 | 1600.00 | 1700.00 | 1800.00 | 1900.00 | 1976.40 | 2000.00 | 2100.00 | 2200.00 | 2400.00 | 2500.00 | 2600.00 | 2700.00 | 2800.00 | 2900.00 | |
| DISTANCE (m) | 14+100.00 | 15+100.00 | 16+100.00 | 17+100.00 | 18+00.00 | 19+00.00 | 19+76.40 | 20+00.00 | 21+00.00 | 22+00.00 | 23+00.00 | 24+00.00 | 25+00.00 | 26+00.00 | 27+00.00 | 28+00.00 | 29+00.00 |
| STATION | 14+100.00 | 15+100.00 | 16+100.00 | 17+100.00 | 18+00.00 | 19+00.00 | 19+76.40 | 20+00.00 | 21+00.00 | 22+00.00 | 23+00.00 | 24+00.00 | 25+00.00 | 26+00.00 | 27+00.00 | 28+00.00 | 29+00.00 |
| CURVE (m) | L=17.665 | | | IP NO. 1 R=5000 | | | L=261.80 | | | IP NO. 2 R=2400 | | | L=62.41 | | | | |

| | | | | | |
|---------|--------------------|---------------|---------------------|-------|-------------|
| PROJECT | SOUTHERN LINK ROAD | DRAWING TITLE | PLAN & PROFILE 2/10 | SCALE | TOTAL SHEET |
| | | | | | 7 |



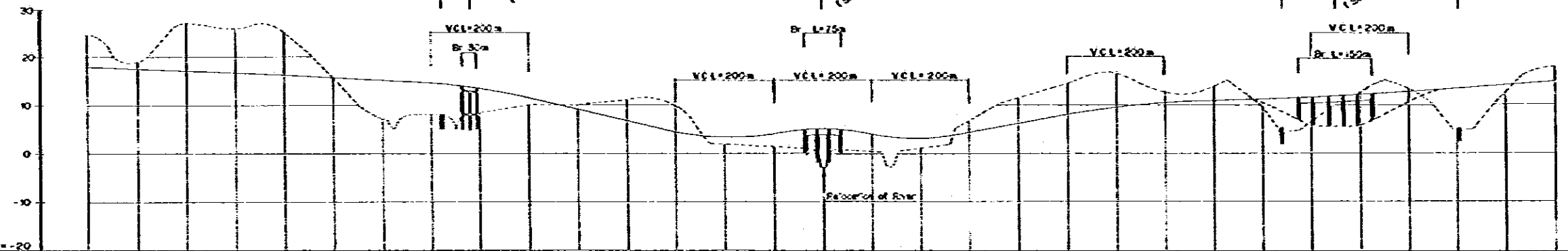
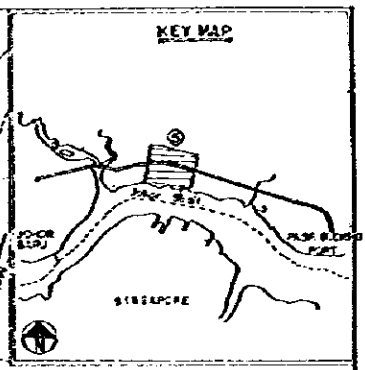
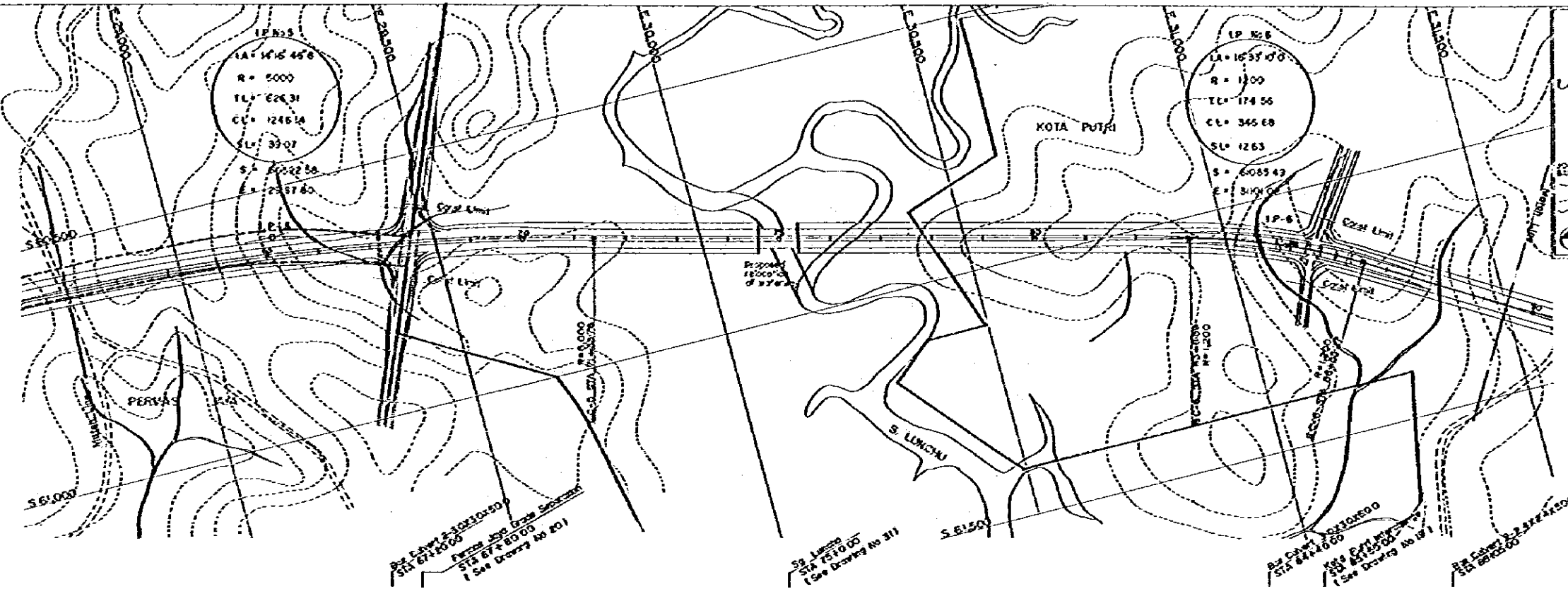
| PROPOSED HEIGHT (m) | 3.560 | 3.280 | 3.000 | 7.000 | 11.000 | 14.800 | 16.183 | 10.200 | 6.200 | 2.985 | 2.850 | 4.400 | 6.400 | 8.400 | 10.400 |
|-------------------------|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------------------|--------|--------|--------|
| EMBANKMENT HEIGHT (m) | 3.1 | 2.8 | 3.0 | | | | | | | 2.4 | 2.0 | 3.9 | | | |
| CUTTING DEPTH (m) | | | | | | | | | | | | | 0.4 | 3.6 | 6.2 |
| GROUND HEIGHT (m) | 0.5 | 0.5 | 0.0 | 0.5 | 0.1 | 1.8 | 0.9 | 0.9 | 0.5 | 0.5 | 0.5 | 0.0 | 0.0 | 2.0 | 10.6 |
| ACCUMULATE DISTANCE (m) | 200000 | 300000 | 300000 | 320000 | 330000 | 340000 | 350000 | 360000 | 370000 | 380000 | 390000 | 400000 | 420000 | 430000 | 440000 |
| DISTANCE (m) | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| STATION | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| CURVE (m) | R = 2400 L = 1674.41 I.F. = 2 | | | | | | | | | | | R = 1000 L = 552.41 I.P. = 3 | | | |

| PROJECT | SOUTHERN LINK ROAD | DRAWING TITLE | PLAN & PROFILE | SCALE | 3/10 | TOTAL SHEET | 8 |
|---------|--------------------|---------------|----------------|-------|------|-------------|---|
|---------|--------------------|---------------|----------------|-------|------|-------------|---|



| PROPOSED HEIGHT (m) | 7.000 | 11.000 | 14.900 | 16.183 | 14.183 | 10.200 | 6.200 | 2.900 | 2.000 | 4.400 | 6.400 | 6.400 | 10.400 | 11.790 | 11.200 | 11.920 | 11.000 | 10.140 | 10.650 | 11.900 | 12.800 | 14.100 | 15.400 | 16.700 | 18.000 | 18.800 | 19.600 | 18.300 | 17.600 | | |
|-------------------------|--------|--------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|----|----|
| EMBANKMENT HEIGHT (m) | 6.0 | 10.9 | 13.0 | 7.3 | 13.4 | 9.9 | 0.7 | 2.4 | 2.0 | 3.0 | 0.4 | 3.0 | 0.2 | 1.0 | 2.7 | 2.5 | 7.9 | 3.7 | 0.2 | 0.7 | 4.0 | 2.7 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | | |
| CUTTING DEPTH (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUND HEIGHT (m) | 0.0 | 0.1 | 1.9 | 0.9 | 0.8 | 0.3 | 0.0 | 0.5 | 0.0 | 0.0 | 0.5 | 6.6 | 1.0 | 10.8 | 0.3 | 14.0 | 8.6 | 3.0 | 6.9 | 11.3 | 16.2 | 18.0 | 17.0 | 16.0 | 16.0 | 18.1 | 19.4 | 21.9 | 24.6 | | |
| ACCUMULATE DISTANCE (m) | 300000 | 330000 | 340000 | 380000 | 390000 | 370000 | 360000 | 380000 | 400000 | 407000 | 420000 | 430000 | 440000 | 480000 | 480000 | 470000 | 460000 | 480000 | 500000 | 500000 | 530000 | 530000 | 550000 | 560000 | 580000 | 580000 | 590000 | 600000 | 600000 | | |
| DISTANCE (m) | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 70.70 | 20.20 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | | |
| STATION | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 40.70 | 41.00 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 50.70 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| CURVE (m) | R=2400 | | | L=1674.41 | | | | | R=1000 | | | | | | | | | | L=5602.62 | | | | R=2000 | | | | L=827.42 | | | | |

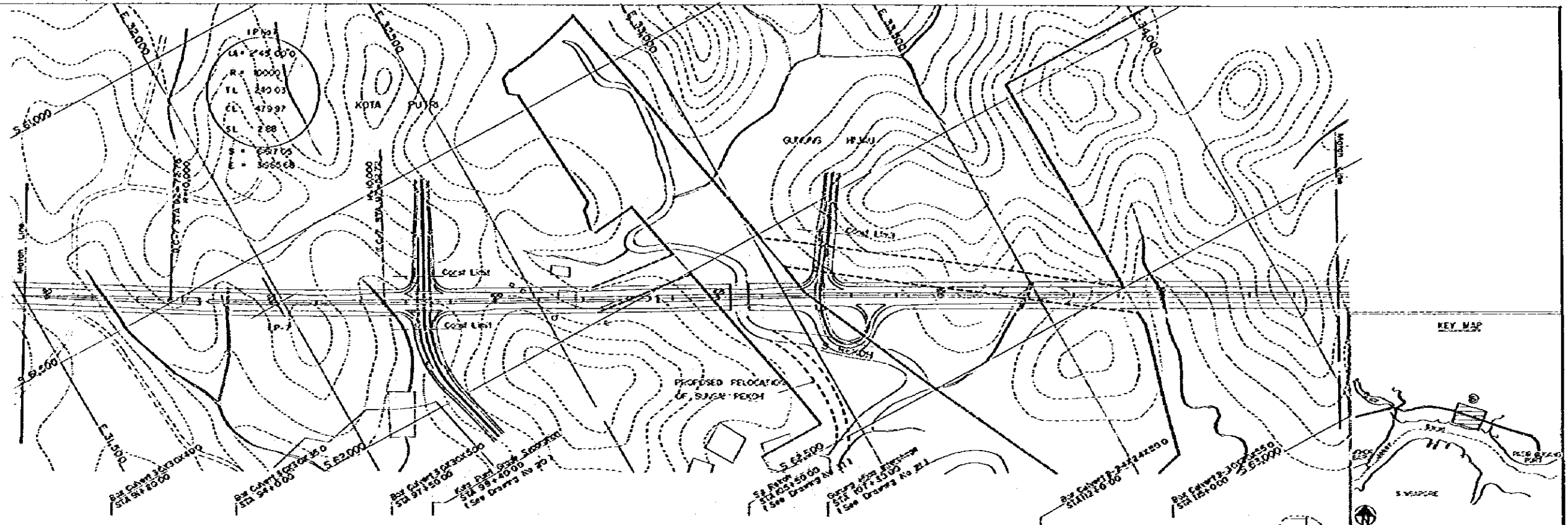
| | | | | | | | |
|---------|--------------------|--------------|----------------|-------|-----|-------------|---|
| PROJECT | SOUTHERN LAKK ROAD | ORANYS TITLE | PLAN & PROFILE | SCALE | 4/0 | TOTAL SHEET | 9 |
|---------|--------------------|--------------|----------------|-------|-----|-------------|---|



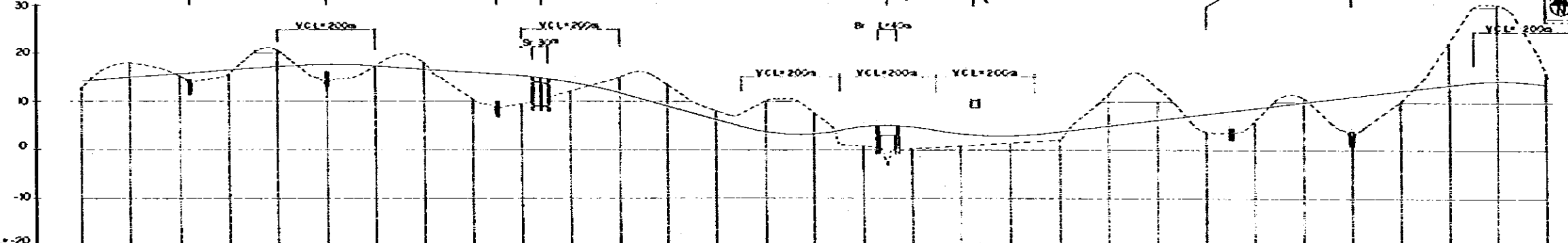
| | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | | | | | | | | | |
|--------------------------------|--------|--------|--------|--------|--------|------------|--------|--------|--------|--------|-----------|--------|--------|--------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|--------|--------|--------|--------|----------|--------|--------|--|--|---------|--|--|--|--|
| PROPOSED HEIGHT (m) | 17.800 | 17.300 | 16.800 | 16.300 | 15.800 | 15.300 | 14.800 | 14.300 | 13.330 | 11.440 | 9.080 | 6.720 | 6.560 | 3.000 | 4.000 | 5.000 | 4.000 | 3.000 | 4.000 | 5.000 | 6.000 | 7.000 | 8.000 | 9.000 | 10.000 | 10.000 | 11.200 | 11.600 | 12.880 | 12.700 | 13.000 | 14.200 | 15.000 | | | | | | | |
| EMBANKMENT HEIGHT (m) | | | | | | | 7.7 | 6.3 | 4.9 | 1.4 | | | | 1.2 | 2.6 | 4.3 | 3.8 | 2.0 | | | | | | | | | 1.0 | 0.1 | | | 9.0 | 1.4 | | | | | | | | |
| CUTTING DEPTH (m) | 7.0 | 1.7 | 10.5 | 9.7 | 9.2 | 0.0 | | | | | 0.9 | 4.3 | 6.6 | | | | | | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | | | 0.2 | 0.0 | | | | 3.0 | | | | | | | |
| GROUND HEIGHT (m) | 2.8 | 16.0 | 27.1 | 26.0 | 26.0 | 16.8 | 7.1 | 9.0 | 9.4 | 10.0 | 10.0 | 11.0 | 10.0 | 1.9 | 1.2 | 0.7 | 0.2 | 1.0 | 6.6 | 11.0 | 14.0 | 16.0 | 12.8 | 13.9 | 9.7 | 6.0 | 6.0 | 12.0 | 13.3 | 4.0 | 12.8 | 18.0 | | | | | | | | |
| ACCUMULATE DISTANCE (m) | 0 | 10000 | 20000 | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | 100000 | 110000 | 120000 | 130000 | 140000 | 150000 | 160000 | 170000 | 180000 | 190000 | 200000 | 210000 | 220000 | 230000 | 240000 | 250000 | 260000 | 270000 | 280000 | 290000 | 300000 | 310000 | 320000 | | | | | | | |
| DISTANCE (m) | 0 | 10000 | 20000 | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | 100000 | 110000 | 120000 | 130000 | 140000 | 150000 | 160000 | 170000 | 180000 | 190000 | 200000 | 210000 | 220000 | 230000 | 240000 | 250000 | 260000 | 270000 | 280000 | 290000 | 300000 | 310000 | 320000 | | | | | | | |
| STATION | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | | | | | | | | | |
| CURVE (m) | R=5000 | | | | | I.P. No. 5 | | | | | L=1246.14 | | | | | L=1174.83 | | | | | R=1200 | | | | | I.P. No. 6 | | | | | L=346.68 | | | | | L=67.43 | | | | |

| | | | |
|-------------------|----------------------|--------------|--------------------|
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
| SOUTHERN LNK ROAD | PLAN & PROFILE | 5/0 | 10 |

PLAN
SCALE 1:5000



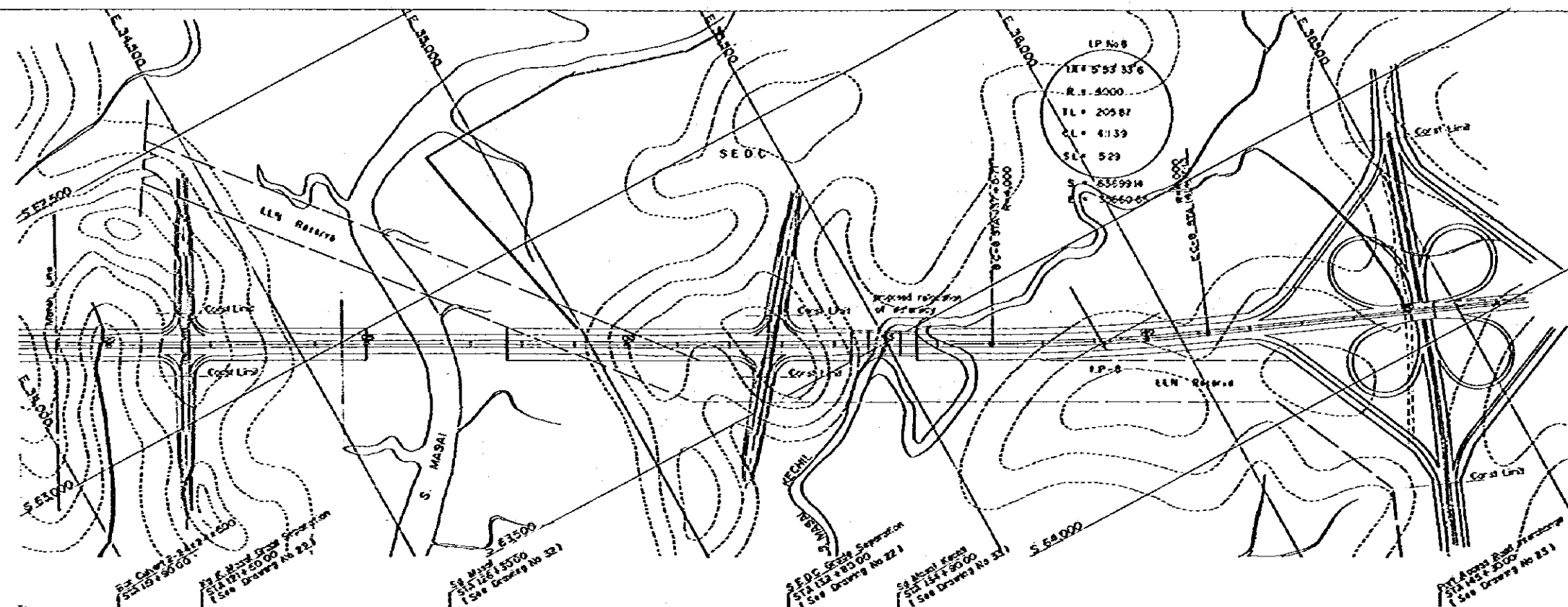
PROFILE
SCALE: V=1:500
H=1:5000



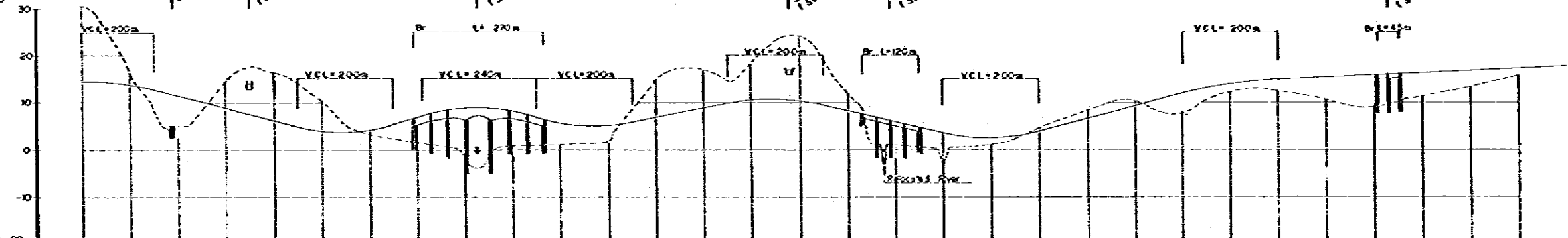
| PROPOSED HEIGHT (m) | 14.200 | 15.000 | 15.700 | 16.000 | 17.200 | 17.643 | 17.300 | 16.640 | 15.860 | 15.286 | 14.070 | 11.800 | 9.000 | 6.200 | 3.700 | 3.000 | 4.750 | 4.750 | 3.200 | 2.800 | 3.800 | 5.000 | 6.200 | 7.400 | 8.600 | 9.800 | 11.000 | 12.200 | 13.400 | 14.300 | 15.000 |
|-------------------------|--------|--------|--------|--------|---------|--------|---------|--------|---------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| EMBANKMENT HEIGHT (m) | 14.0 | | 0.75 | | 4.0 | 0.3 | 0.0 | 0.7 | 1.9 | | | | | | | | 3.7 | 4.6 | 2.4 | 1.5 | 1.8 | | | 3.6 | 2.6 | | 10.0 | 2.2 | | | |
| CUTTING DEPTH (m) | | 3.0 | | 0.2 | 3.0 | | | 1.4 | | | 3.2 | 4.3 | 2.1 | 8.5 | 4.2 | | | | | | | | 6.8 | 6.7 | 6.7 | | 1.2 | | 9.4 | 1.5 | 2.5 |
| GROUND HEIGHT (m) | 12.8 | 18.0 | 15.0 | 16.7 | 20.9 | 13.0 | 17.0 | 16.0 | 10.4 | 9.0 | 12.1 | 15.0 | 13.5 | 6.5 | 10.0 | 7.5 | 1.0 | 0.1 | 0.8 | 1.5 | 2.0 | 11.8 | 12.9 | 3.4 | 6.9 | 11.0 | 1.0 | 10.0 | 22.6 | 30.7 | 16.0 |
| ACCUMULATE DISTANCE (m) | 00000 | 00000 | 06000 | 02000 | 02700 | 04000 | 05000 | 06000 | 07000 | 07527 | 08000 | 09000 | 10000 | 10200 | 103000 | 104000 | 105000 | 104000 | 107000 | 108000 | 109000 | 110000 | 11000 | 112000 | 113000 | 114000 | 115000 | 116000 | 117000 | 118000 | 118000 |
| DISTANCE (m) | 0000 | 1000 | 1000 | 1000 | 7375 | 2725 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| STATION | 80 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 |
| CURVE (m) | L=6749 | | R=1000 | | IP No 7 | | L=47997 | | L=33299 | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|---------|--------------------|---------------|----------------|-------|------|-------------|----|
| PROJECT | SOUTHERN LINK ROAD | DRAWING TITLE | PLAN & PROFILE | SCALE | 6/10 | TOTAL SHEET | 11 |
|---------|--------------------|---------------|----------------|-------|------|-------------|----|

PLAN
SCALE 1:5000



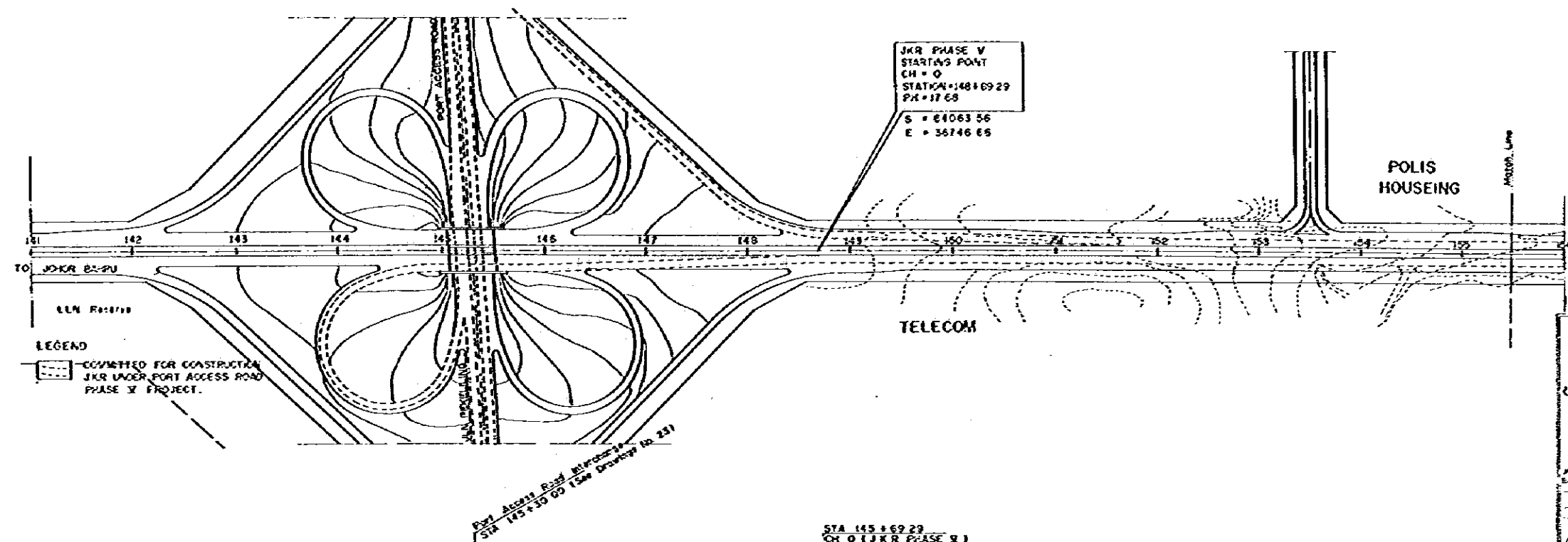
PROFILE
SCALE V=1:500
H=1:5000



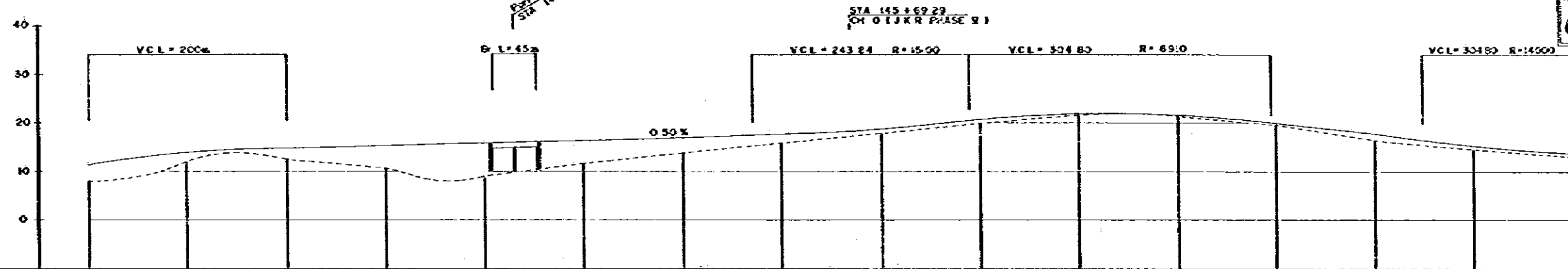
| PROPOSED HEIGHT (m) | EMBAKMENT HEIGHT (m) | CUTTING DEPTH (m) | GROUND HEIGHT (m) | ACCUMULATE DISTANCE (m) | DISTANCE (m) | STATION | CURVE (m) |
|---------------------|----------------------|-------------------|-------------------|-------------------------|--------------|---------|-----------|
| 14.387 | | 16.3 | 30.7 | 10000 | 10000 | 118 | L=3952.99 |
| 13.440 | | 2.3 | 16.0 | 110000 | 10000 | 119 | |
| 11.360 | 0.4 | | 0.0 | 120000 | 10000 | 120 | L=2000 |
| 8.800 | | 0.4 | 14.2 | 130000 | 10000 | 121 | |
| 6.240 | | 0.0 | 4.1 | 140000 | 10000 | 122 | L=2000 |
| 4.020 | | 6.2 | 10.2 | 150000 | 10000 | 123 | |
| 4.240 | 1.1 | | 3.1 | 160000 | 10000 | 124 | L=2000 |
| 6.900 | | 0.8 | 1.3 | 170000 | 10000 | 125 | |
| 8.880 | 0.8 | | 2.1 | 180000 | 10000 | 126 | L=2000 |
| 9.388 | 7.0 | | 0.9 | 190000 | 10000 | 127 | |
| 6.013 | 5.0 | | 1.0 | 200000 | 10000 | 128 | L=2000 |
| 5.013 | 4.0 | | 1.6 | 210000 | 10000 | 129 | |
| 7.850 | | 7.7 | 14.8 | 220000 | 10000 | 130 | L=2000 |
| 9.200 | | 7.1 | 1.70 | 230000 | 10000 | 131 | |
| 10.920 | | 7.2 | 1.81 | 240000 | 10000 | 132 | L=2000 |
| 10.720 | | 13.6 | 24.0 | 250000 | 10000 | 133 | |
| 8.600 | | 3.4 | 12.0 | 260000 | 10000 | 134 | L=2000 |
| 6.200 | 0.1 | | 1.1 | 270000 | 10000 | 135 | |
| 3.800 | 0.5 | | 3.0 | 280000 | 10000 | 136 | L=2000 |
| 2.440 | 1.6 | | 1.0 | 290000 | 10000 | 137 | |
| 3.880 | | 0.0 | 0.0 | 300000 | 10000 | 138 | L=2000 |
| 6.080 | | 1.6 | 0.4 | 310000 | 10000 | 139 | |
| 9.140 | | 0.4 | 1.00 | 320000 | 10000 | 140 | L=2000 |
| 11.720 | 3.7 | | 0.0 | 330000 | 10000 | 141 | |
| 13.790 | 1.6 | | 12.0 | 340000 | 10000 | 142 | L=2000 |
| 14.800 | 2.6 | | 12.2 | 350000 | 10000 | 143 | |
| 15.300 | 4.0 | | 10.8 | 360000 | 10000 | 144 | L=2000 |
| 13.800 | 0.8 | | 8.0 | 370000 | 10000 | 145 | |
| 15.000 | 4.8 | | 11.5 | 380000 | 10000 | 146 | L=2000 |
| 16.800 | 3.0 | | 13.6 | 390000 | 10000 | 147 | |
| 17.000 | 1.6 | | 15.7 | 400000 | 10000 | 148 | L=2000 |
| | | | | | | | |

| | | | |
|--------------------|----------------|-------|-------------|
| PROJECT | ORIGINS TITLE | SCALE | TOTAL SHEET |
| SOUTHERN LINK ROAD | PLAN & PROFILE | 7/0 | 12 |

PLAN
SCALE 1:2500



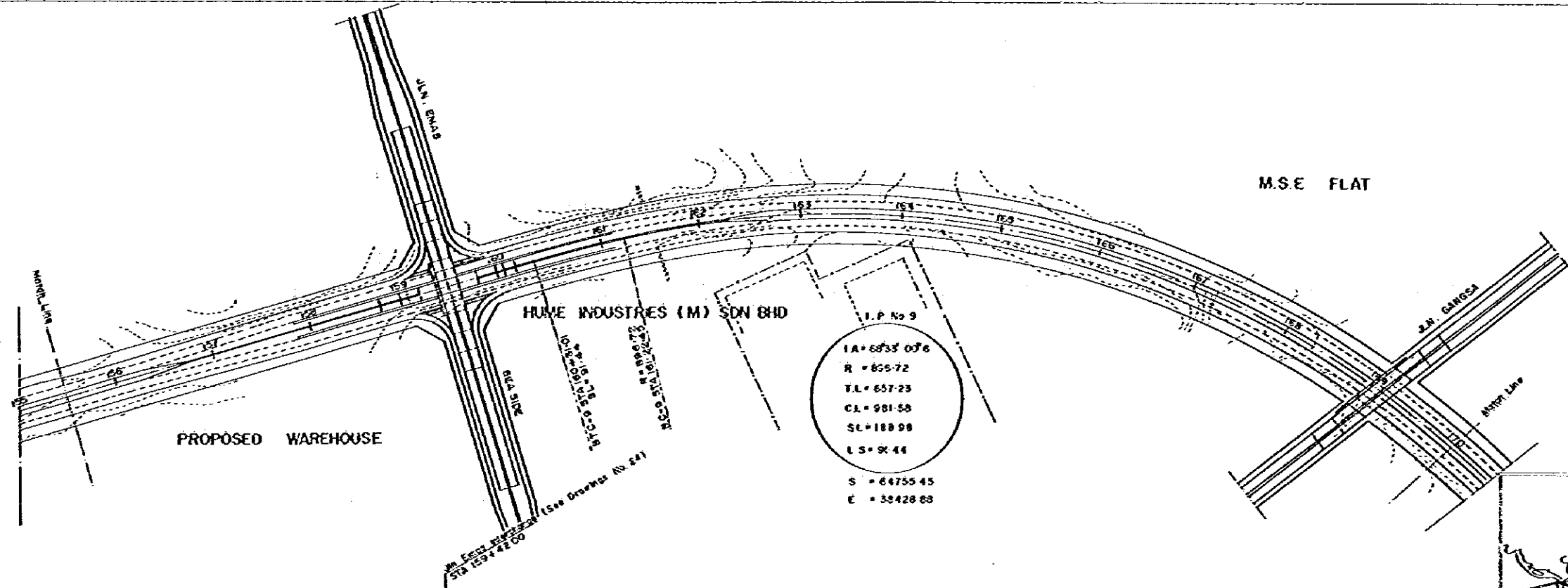
PROFILE
SCALE: V=1:500
H=1:2500



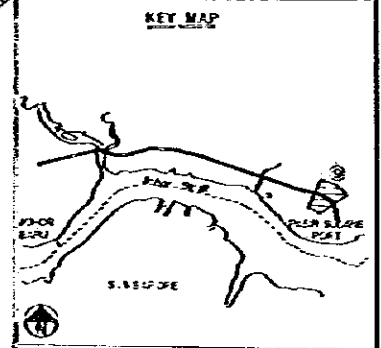
| | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROPOSED HEIGHT (m) | 11.720 | 13.740 | 14.800 | 15.900 | 16.800 | 16.300 | 16.000 | 17.424 | 18.602 | 20.431 | 21.803 | 21.000 | 19.872 | 17.871 | 16.860 | 13.744 |
| EMBANKMENT HEIGHT (m) | 3.7 | 1.6 | 2.6 | 4.6 | 6.9 | 4.9 | 3.3 | 1.7 | 0.8 | 0.6 | 0.5 | 0.5 | 0.5 | 1.3 | 1.1 | 0.9 |
| CUTTING DEPTH (m) | | | | | | | | | | | | | | | | |
| GROUND HEIGHT (m) | 8.0 | 12.0 | 12.2 | 10.6 | 9.0 | 11.6 | 13.6 | 19.7 | 17.7 | 19.8 | 21.2 | 21.0 | 19.4 | 19.3 | 14.3 | 12.8 |
| ACCUMULATE DISTANCE (m) | 10000 | 20000 | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | 100000 | 110000 | 120000 | 130000 | 140000 | 150000 | 160000 |
| DISTANCE (m) | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| STATION | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 |
| CURVE (m) | | | | | | | | | | | | | | | | |

| | | | |
|--------------------|----------------|-------|-------------|
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
| SOUTHERN LINK ROAD | PLAN & PROFILE | | 13 |

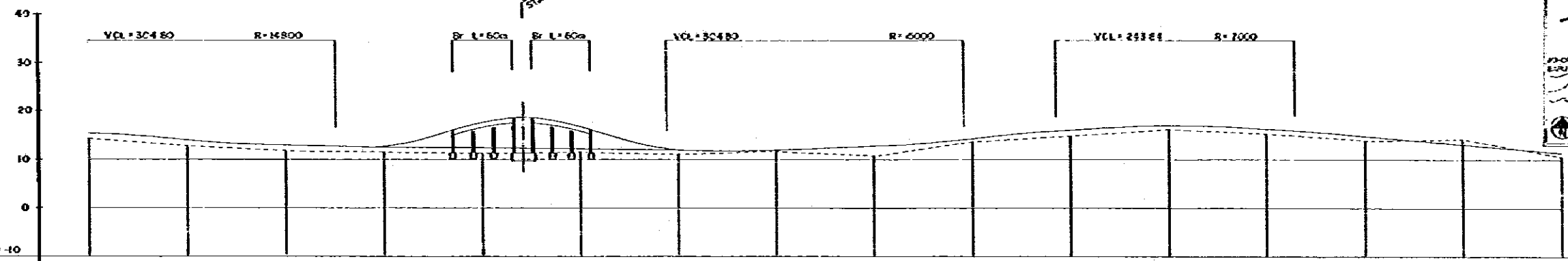
PLAN
SCALE 1:2500



I.P. No 9
 1A = 6835.036
 R = 635.72
 T.L. = 657.23
 C.L. = 981.58
 S.L. = 188.98
 L.S. = 91.44
 S = 64755.45
 E = 35428.88



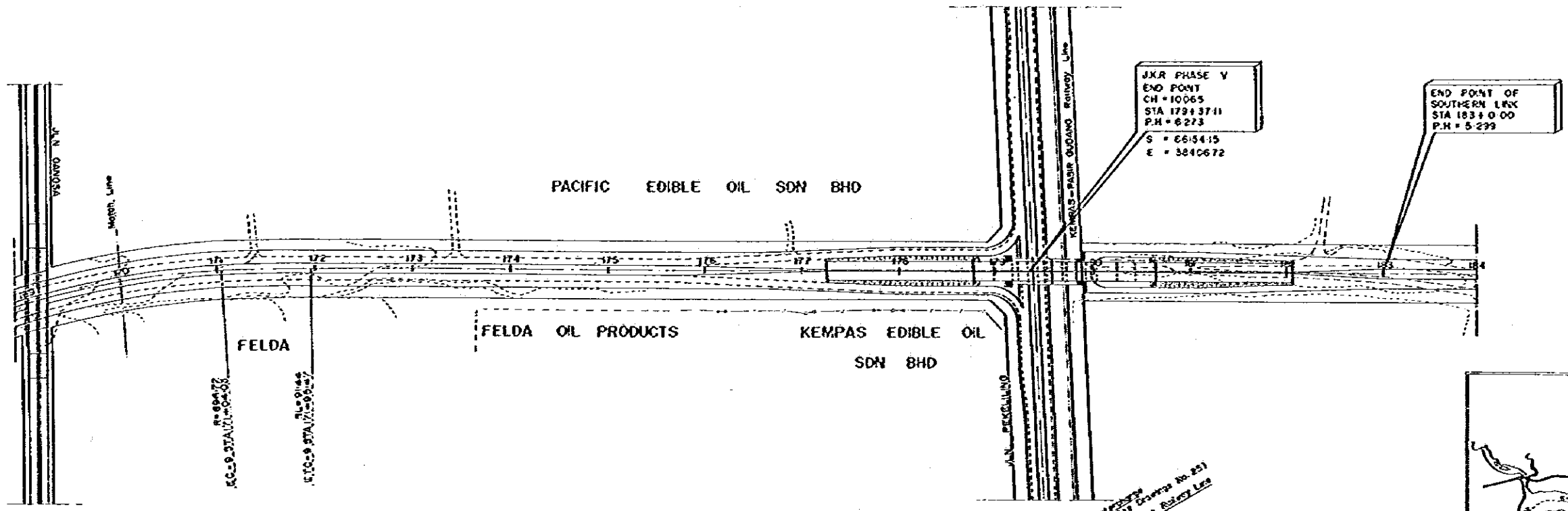
PROFILE
SCALE: V=1:500
H=1:2500



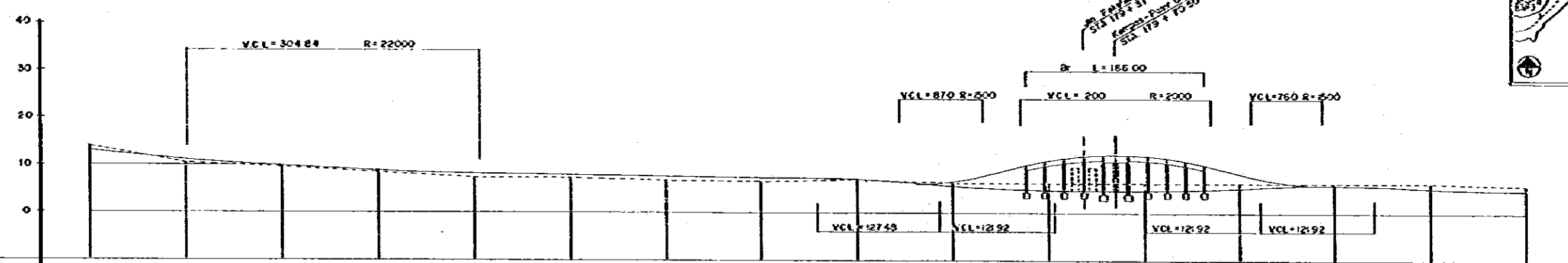
| | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|------------------------------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| PROPOSED HEIGHT (m) | 15.390 | 13.746 | 12.910 | 12.477 | 12.240 | 12.002 | 11.769 | 11.541 | 12.776 | 14.281 | 16.003 | 18.911 | 19.349 | 14.703 | 13.007 | 11.212 |
| EMBANKMENT HEIGHT (m) | 1.1 | 0.9 | 1.0 | 1.0 | 1.0 | 0.7 | 0.7 | 0.1 | 2.1 | 1.2 | 1.2 | 0.8 | 1.1 | 0.9 | | 0.9 |
| CUTTING DEPTH (m) | | | | | | | | | | | | | | | 1.1 | |
| GROUND HEIGHT (m) | 14.3 | 12.8 | 11.9 | 11.5 | 11.2 | 11.3 | 11.1 | 11.4 | 10.7 | 13.7 | 14.8 | 14.1 | 10.2 | 13.8 | 14.1 | 10.4 |
| ACCUMULATE DISTANCE (m) | 10000-1500000 | 10000-1540000 | 10000-1570000 | 10000-1580000 | 10000-1580000 | 10000-1580000 | 10000-1600000 | 10000-1600000 | 10000-1620000 | 10000-1630000 | 10000-1640000 | 10000-1660000 | 10000-1670000 | 10000-1680000 | 10000-1680000 | 10000-1700000 |
| DISTANCE (m) | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 3100 | 2240 | 7760 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 |
| STATION | 155 | 156 | 157 | 158 | 159 | 160 B.T.C. = 310 P.C. = 2240 | 161 B.C. = 2240 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 |
| CURVE (m) | | L=1849.14 | | | | L=91.44 | | | I.P. 9 | | R=635.75 | | L=981.58 | | | |

| | | | |
|--------------------|----------------|-------|-------------|
| PROJECT | DESIGN TITLE | SCALE | TOTAL SHEET |
| SOUTHERN LINK ROAD | PLAN & PROFILE | | 14 |

PLAN
SCALE 1:2500



PROFILE
SCALE: V=1:500
H=1:2500

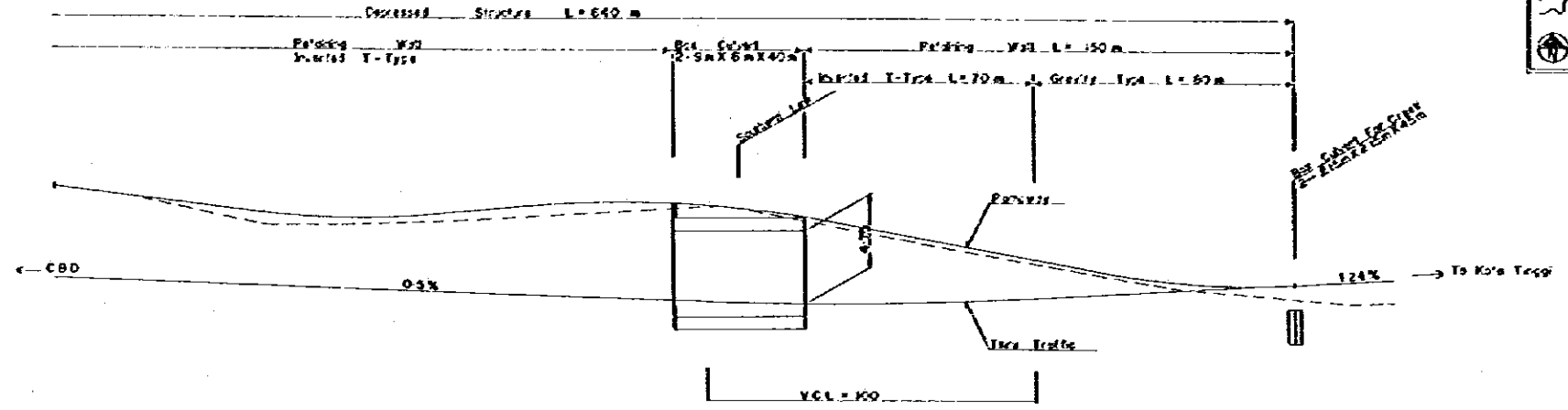
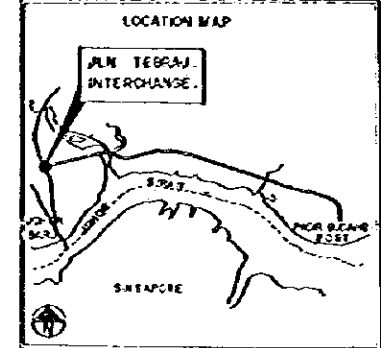


| | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 |
|-------------------------|--------|--------|-------------------------------------|-------------------------------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|-------|-------|-------|
| PROPOSED HEIGHT (m) | 13.007 | 11.312 | 9.832 | 8.905 | 8.325 | 7.921 | 7.61 | 7.301 | 6.985 | 6.687 | 6.463 | 6.277 | 6.101 | 6.110 | 6.299 | 6.299 |
| EMBANKMENT HEIGHT (m) | | 0.0 | 0.3 | 0.3 | 0.6 | 0.6 | 0.7 | 0.6 | 0.1 | | | | | | | |
| CUTTING DEPTH (m) | 1.1 | | | | | | | | | 0.1 | 1.3 | 1.2 | 0.7 | 0.4 | 1.0 | 1.0 |
| GROUND HEIGHT (m) | 14.1 | 11.312 | 9.532 | 8.605 | 7.725 | 7.1 | 6.9 | 6.7 | 6.8 | 6.2 | 6.2 | 6.1 | 6.1 | 6.5 | 6.5 | 6.5 |
| ACCUMULATE DISTANCE (m) | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 |
| DISTANCE (m) | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 | 0+000 |
| STATION | 169 | 170 | 171 S.C. = 9.371 P.H. = 6.273 | 172 S.C. = 9.371 P.H. = 6.273 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 |
| CURVE (m) | | | L=91.44 | | | | | | L=120.453 | | | | | | | |

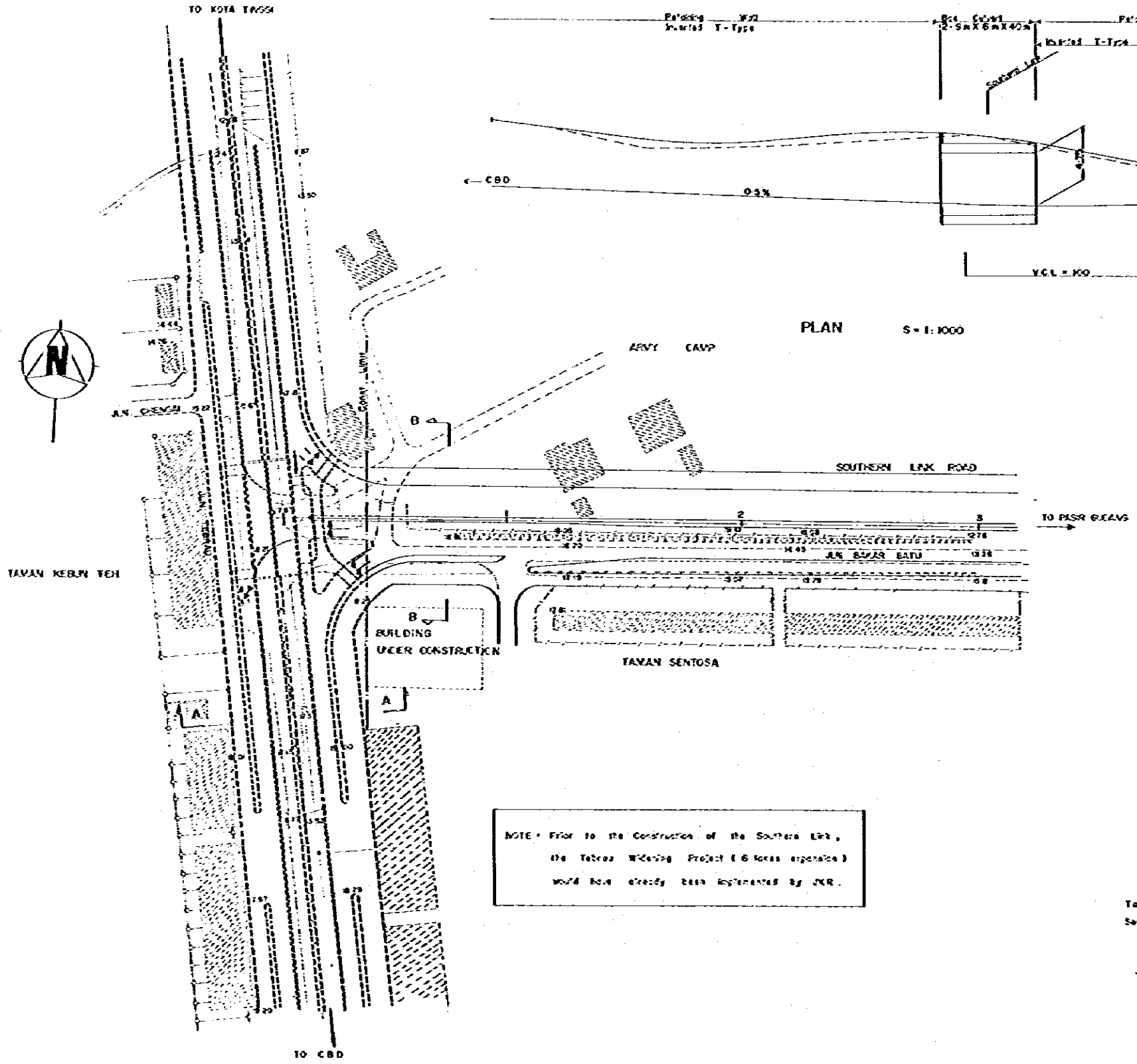
| | | | |
|--------------------|----------------|-------|-------------|
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
| SOUTHERN LINK ROAD | PLAN & PROFILE | | 15 |

Jln. Tebrau Profile

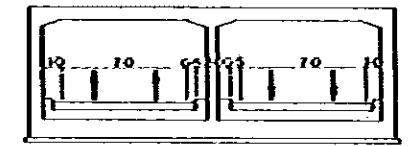
S H = 1:1000
V = 1:200



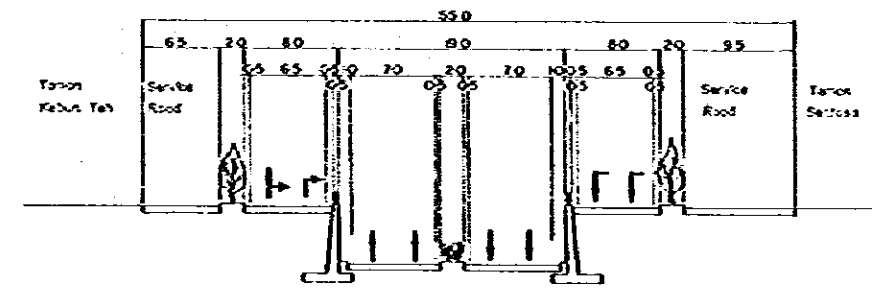
PLAN S = 1:1000



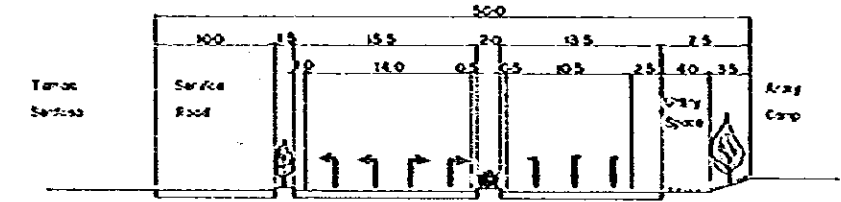
Box Culvert Section S = 1:200



Section A-A S = 1:300



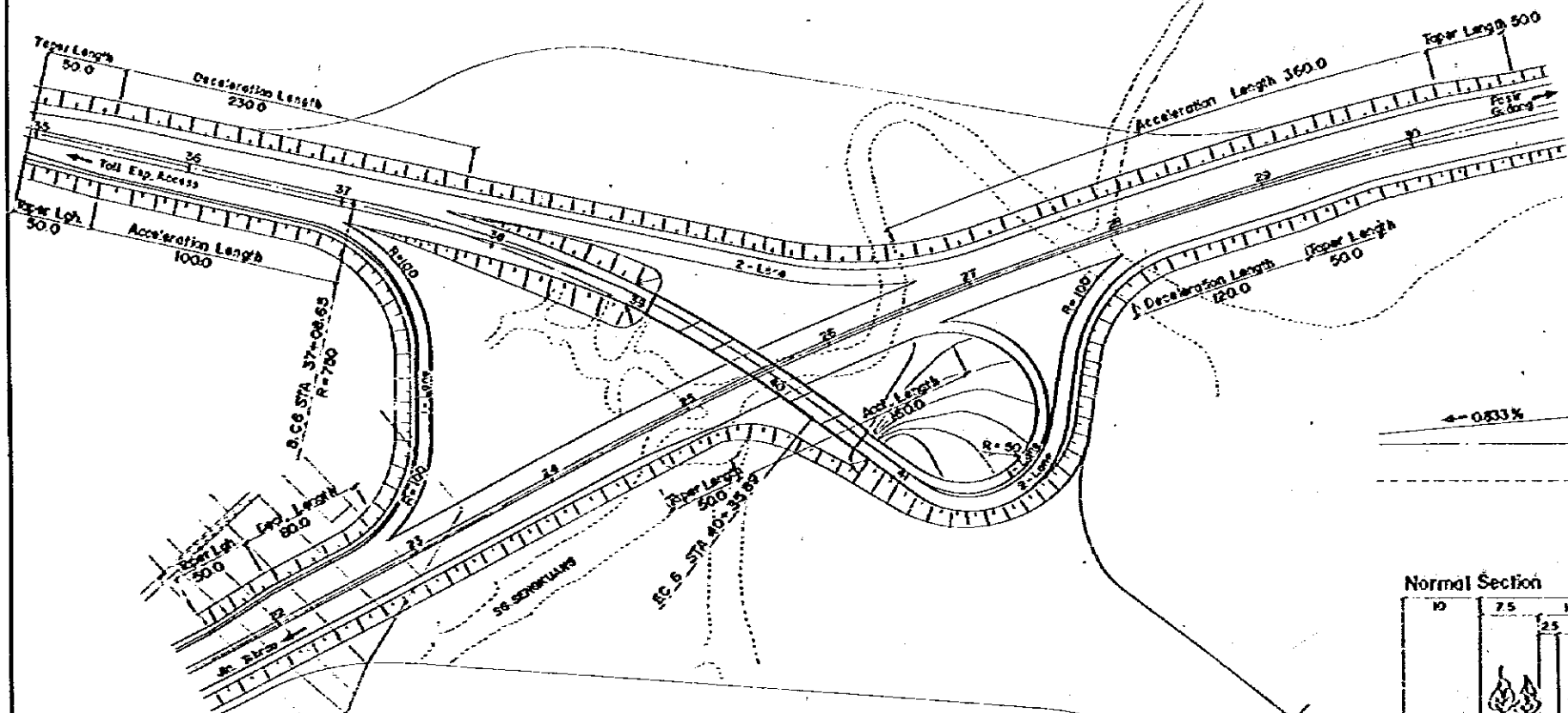
Section B-B S = 1:300



NOTE: Prior to the construction of the Southern Link, the Tebrau Widening Project (6 lanes separate) would have already been implemented by JCR.

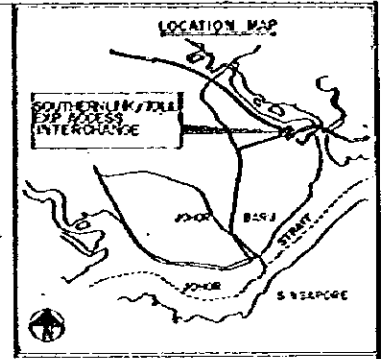
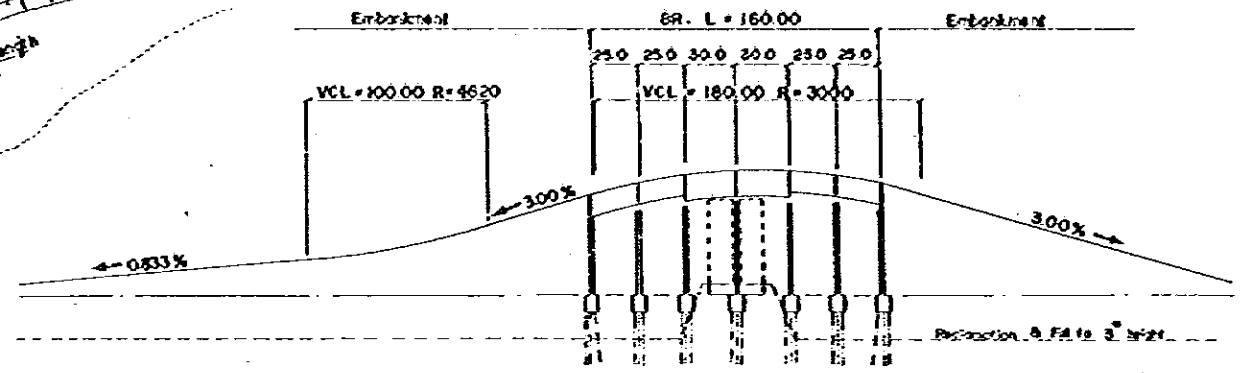
| PROJECT | DRAWINGS TITLE | SCALE | TOTAL SHEET |
|--------------------|-----------------------|-------|-------------|
| SOUTHERN LINK ROAD | J. TEBRAU INTERCHANGE | | 16 |

PLAN
FIRST STAGE SCALE 1:2000

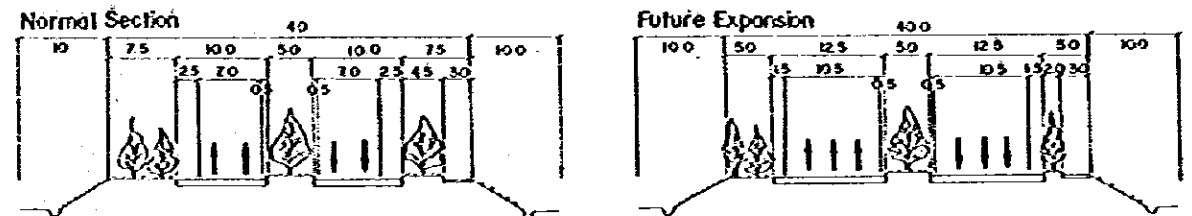


PROFILE
TOLL EXPRESSWAY ACCESS

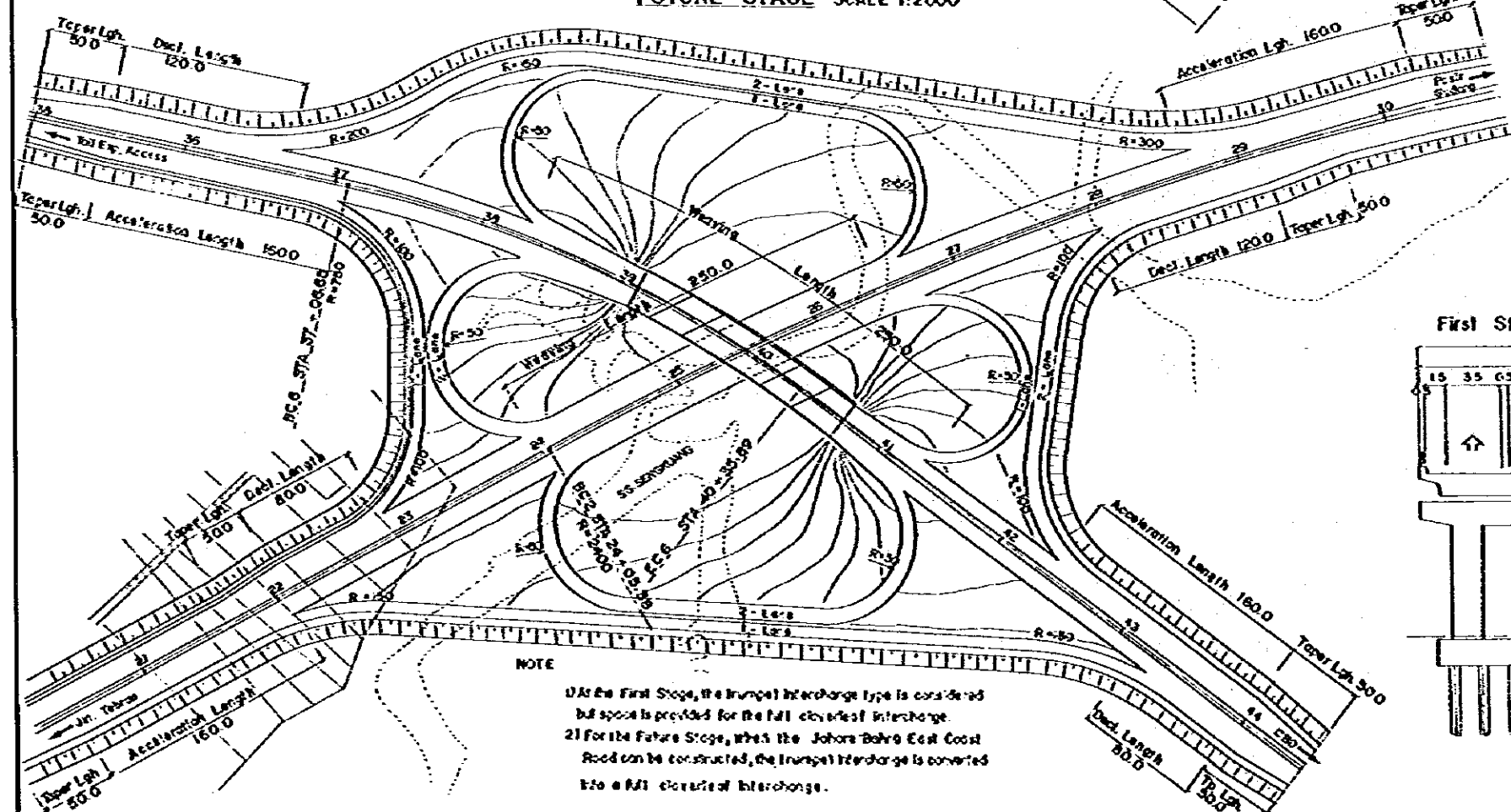
SCALE H=1:2000
V=1:200



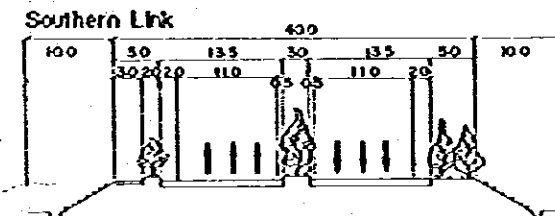
CROSS SECTION
TOLL EXPRESSWAY ACCESS SCALE 1:400



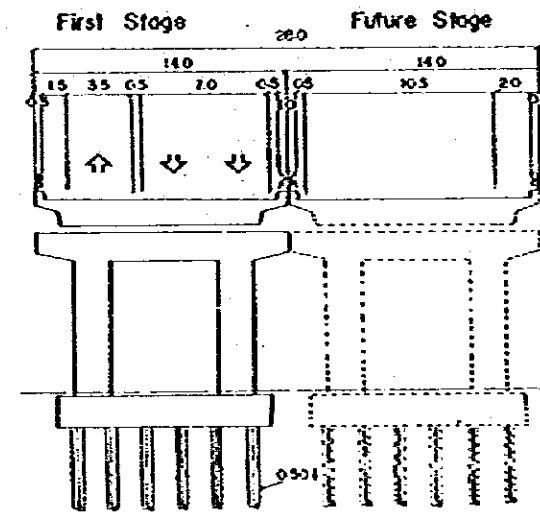
PLAN
FUTURE STAGE SCALE 1:2000



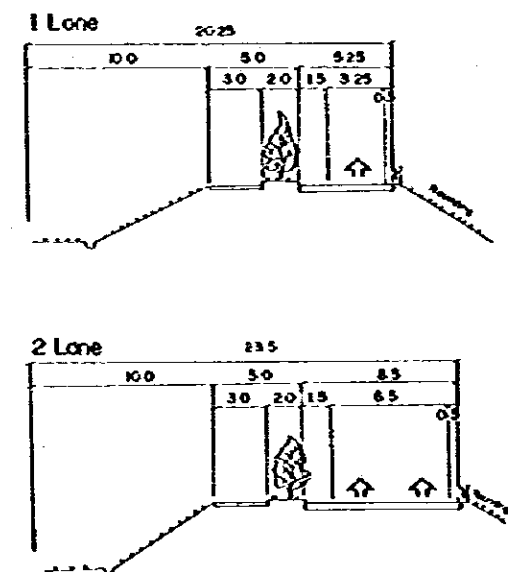
NOTE
1) At the First Stage, the trumpet interchange type is considered but space is provided for the full cloverleaf interchange.
2) For the Future Stage, when the Johore Bahru East Coast Road can be constructed, the trumpet interchange is converted into a full cloverleaf interchange.



BRIDGE SECTION
SCALE 1:200



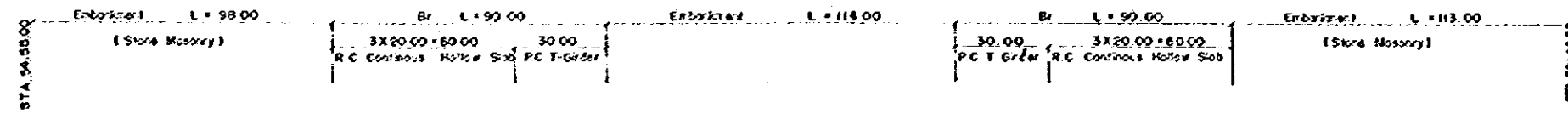
RAMPWAY SCALE 1:200



| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|---------------|---|-------|-------------|
| SOUTHERN LINK | SOUTHERN LINK / TOLL EXPRESSWAY INTERCHANGE | | 17 |

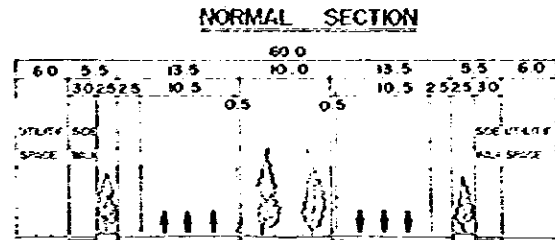
SOUTHERN LINK PROFILE

SCALE H = 1000
V = 200

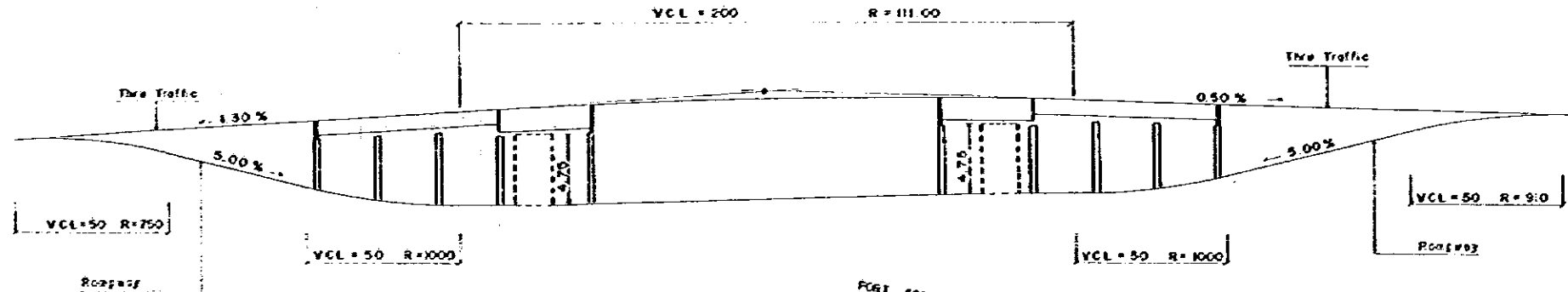


CROSS SECTION

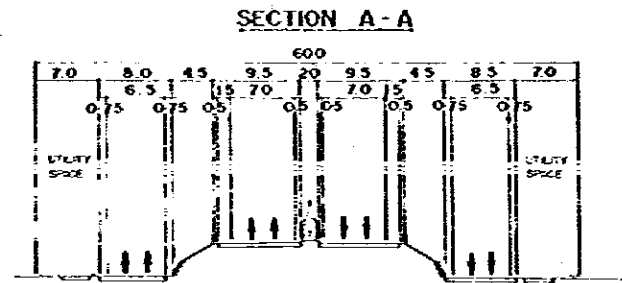
SCALE = 1:400



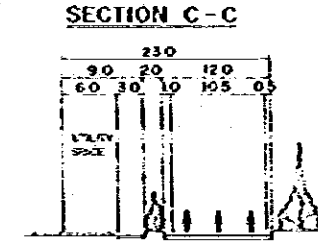
NORMAL SECTION



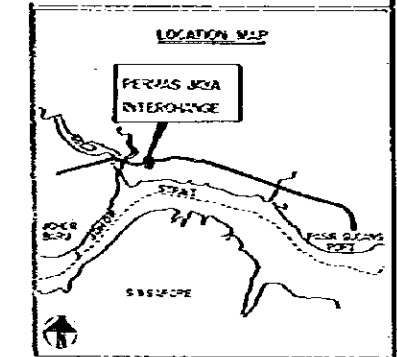
PLAN
SCALE = 1:1000



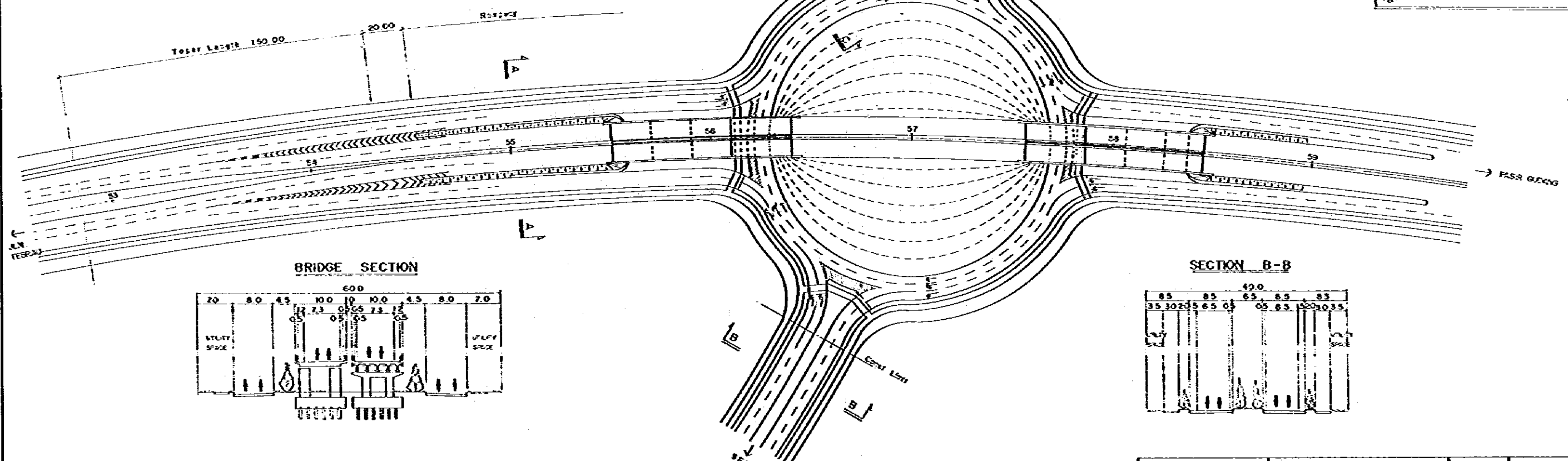
SECTION A-A



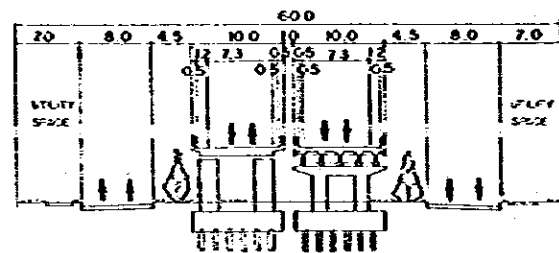
SECTION C-C



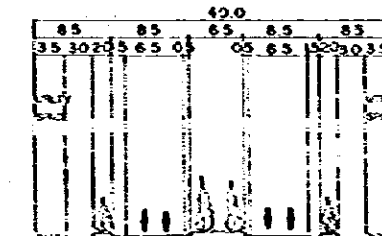
LOCATION MAP



BRIDGE SECTION



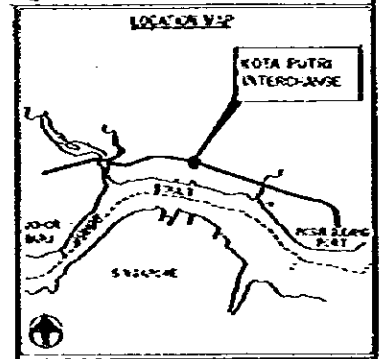
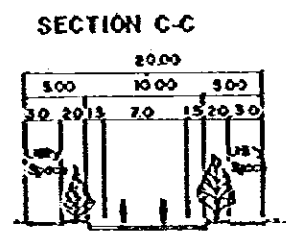
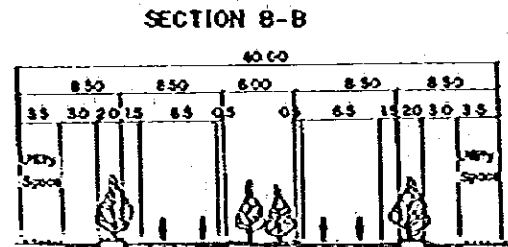
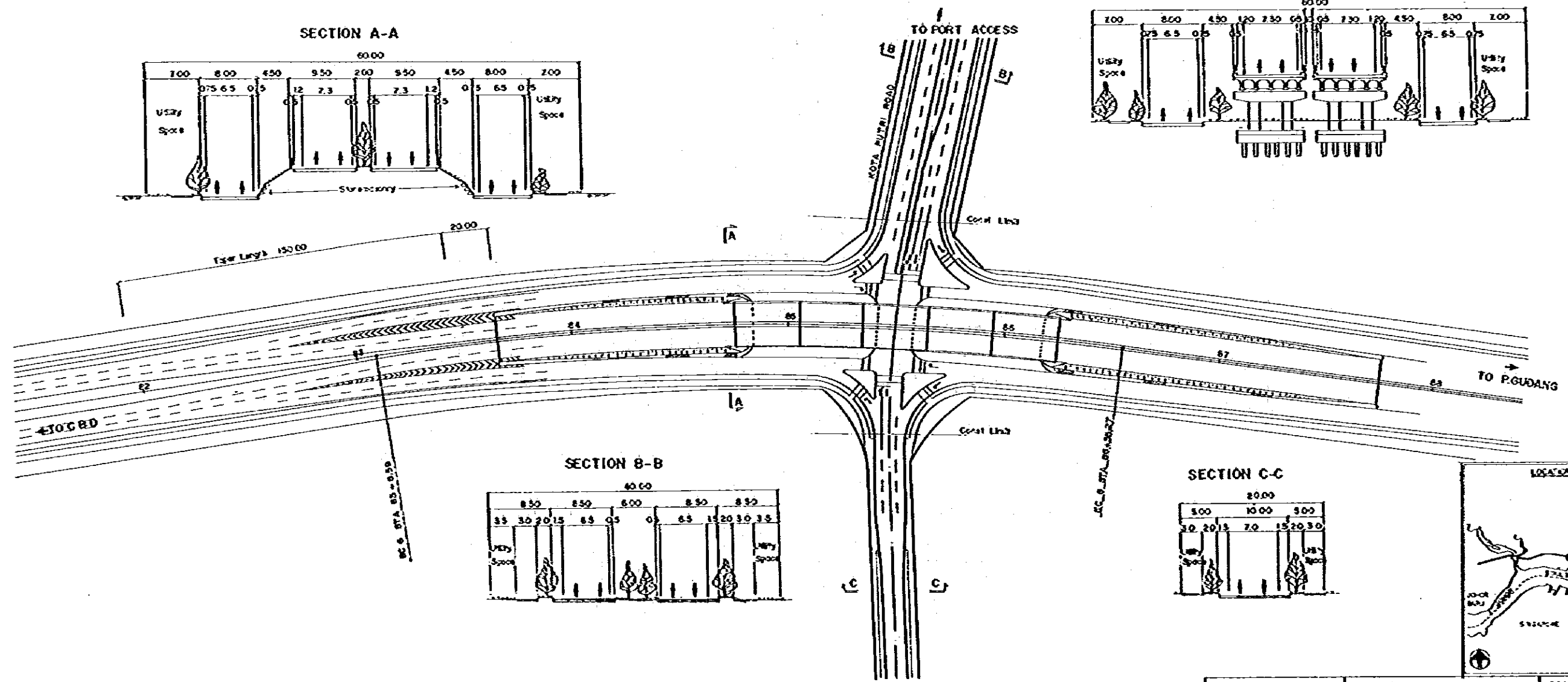
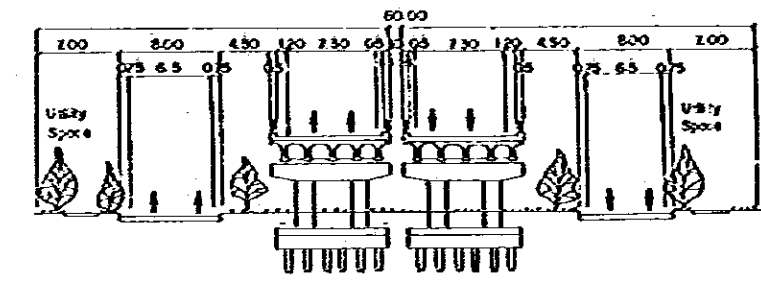
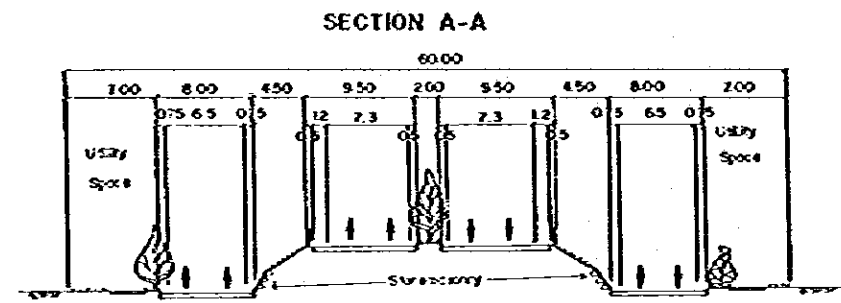
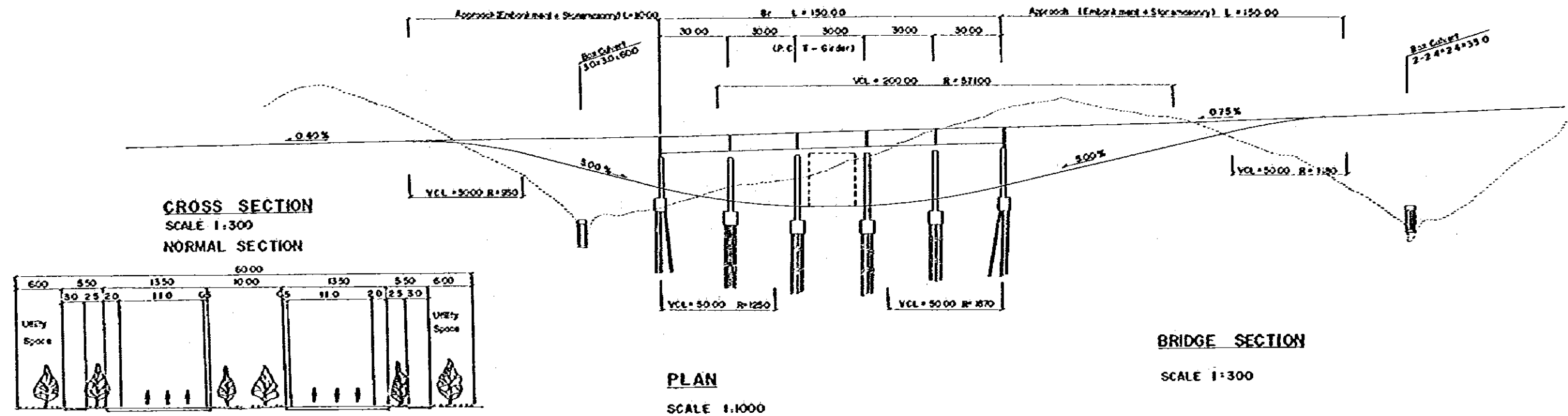
SECTION B-B



| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|--------------------|-------------------------|-------|-------------|
| SOUTHERN LINK ROAD | PERMAS JAYA INTERCHANGE | | 18 |

SOUTHERN LINK PROFILE

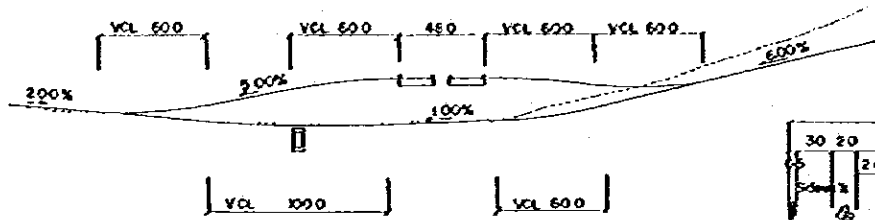
SCALE H = 1:1000
V = 1:200



| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|--------------------|------------------------|-------|-------------|
| SOUTHERN LINK ROAD | KOTA PUTRI INTERCHANGE | | 19 |

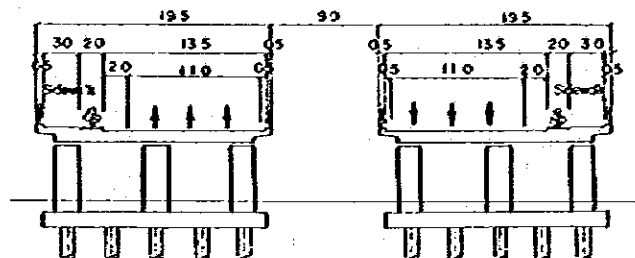
Permas Jaya Grade Separation (STA 67+80)

PERMAS JAYA ROAD PROFILE SCALE H:1:2000
V:1: 500



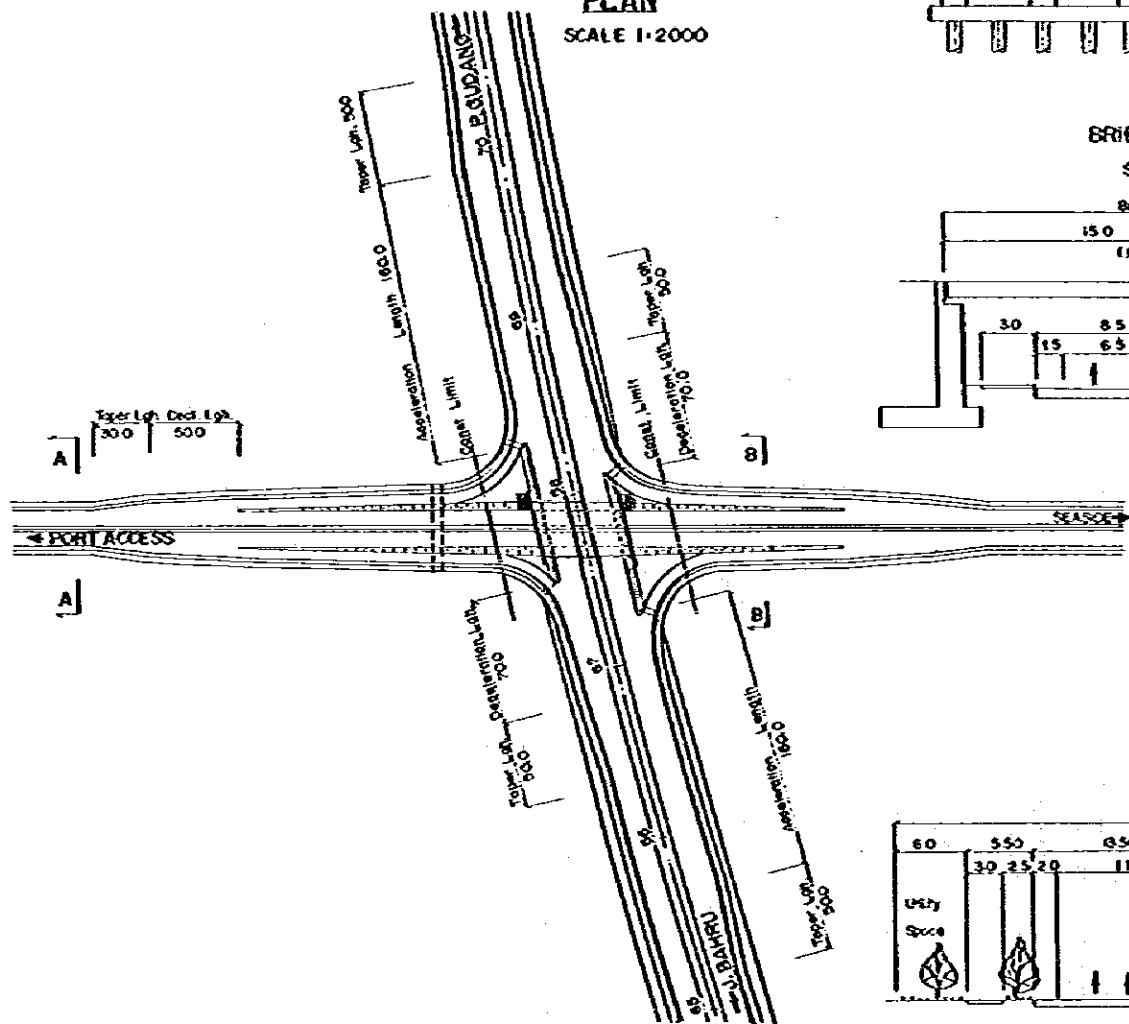
BRIDGE SECTION

SCALE 1:300



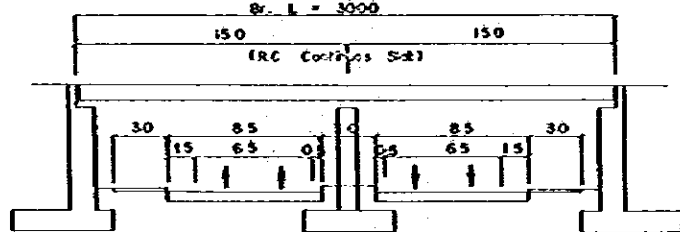
PLAN

SCALE 1:2000



BRIDGE SIDE VIEW

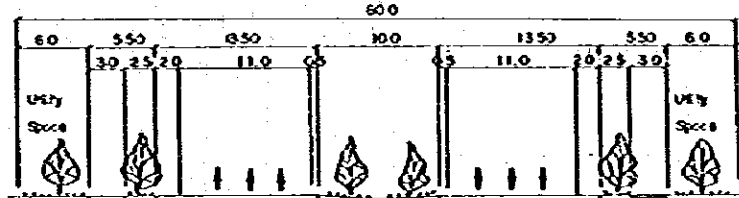
SCALE 1:200



CROSS SECTION

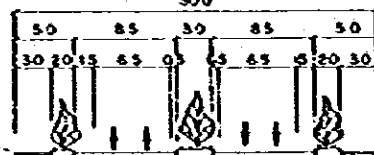
SCALE 1:300

NORMAL SECTION



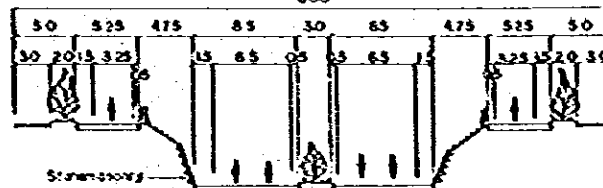
SECTION A-A

SCALE 1:500



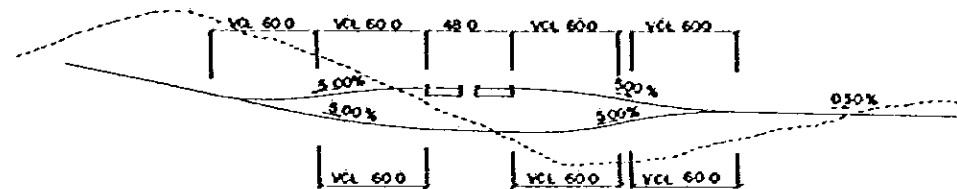
SECTION B-B

SCALE 1:500



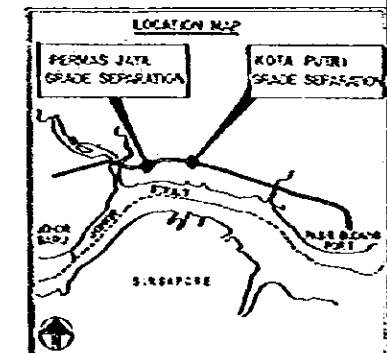
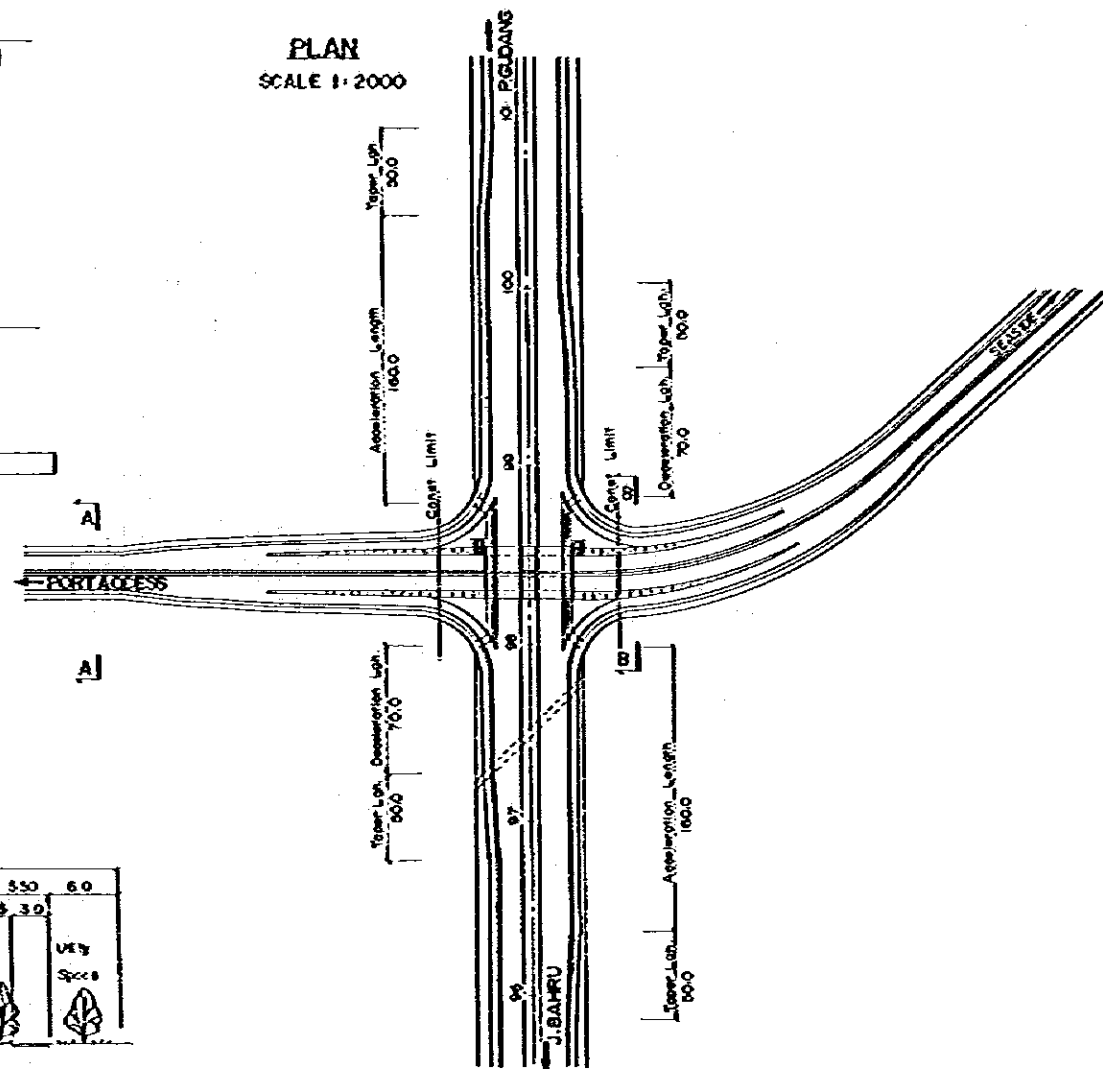
Kota Putri Grade Separation (STA 98+40)

KOTA PUTRI ROAD PROFILE SCALE H:1:2000
V:1: 500



PLAN

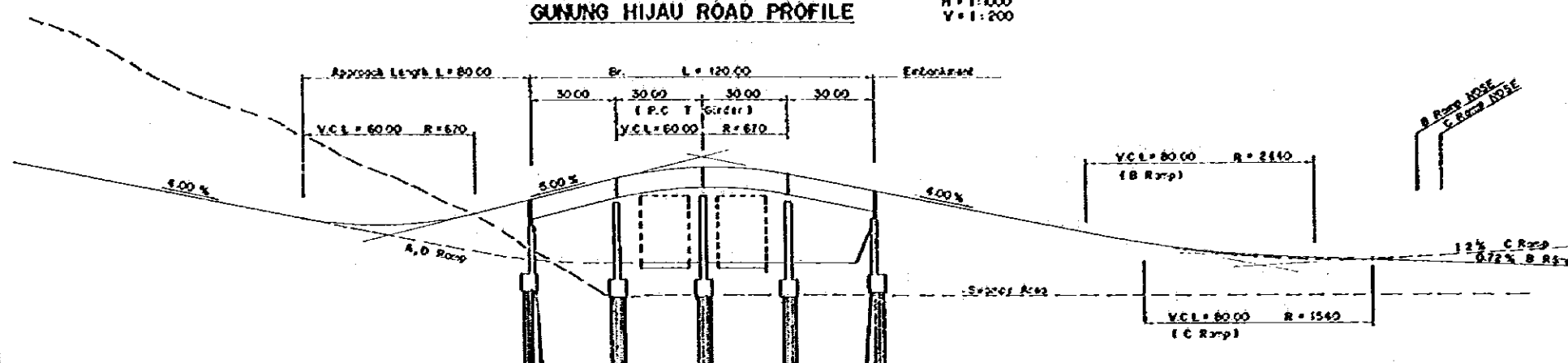
SCALE 1:2000



| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|--------------------|---|-------|-------------|
| SOUTHERN LINK ROAD | PERMAS JAYA / KOTA PUTRI GRADE SEPARATION | | 20 |

GUNUNG HIJAU ROAD PROFILE

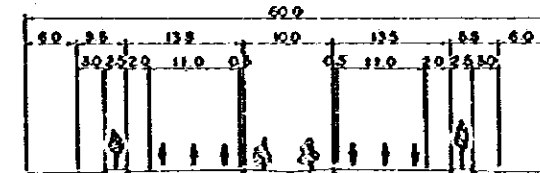
H = 1:1000
V = 1:200



CROSS SECTION

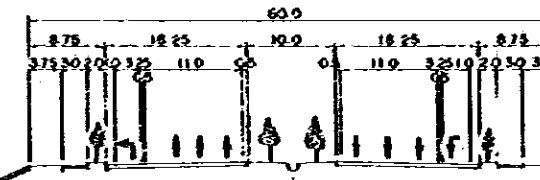
SOUTHERN LINK ROAD - NORMAL

S = 1:400



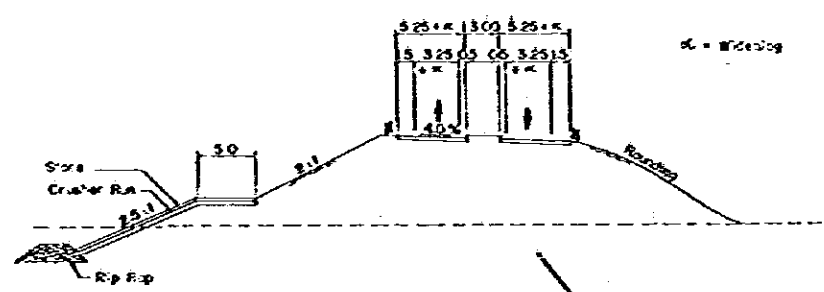
SECTION A-A

S = 1:400



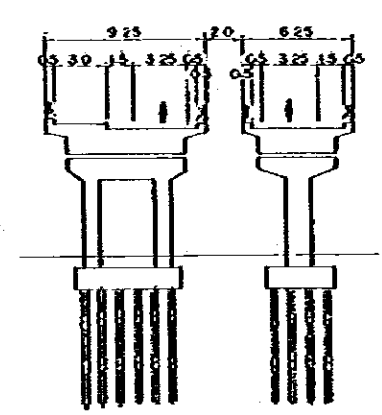
RAMP

S = 1:300



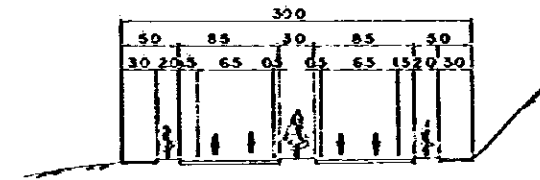
BRIDGE

S = 1:200



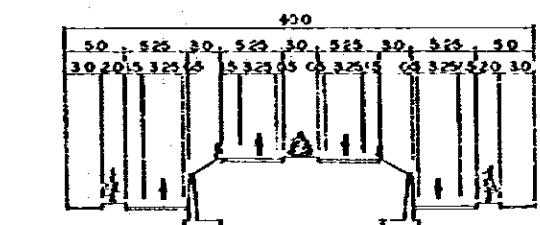
GUNUNG HIJAU ROAD - NORMAL

S = 1:300



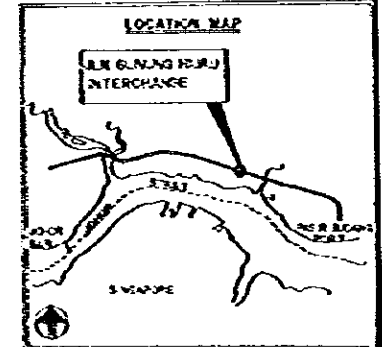
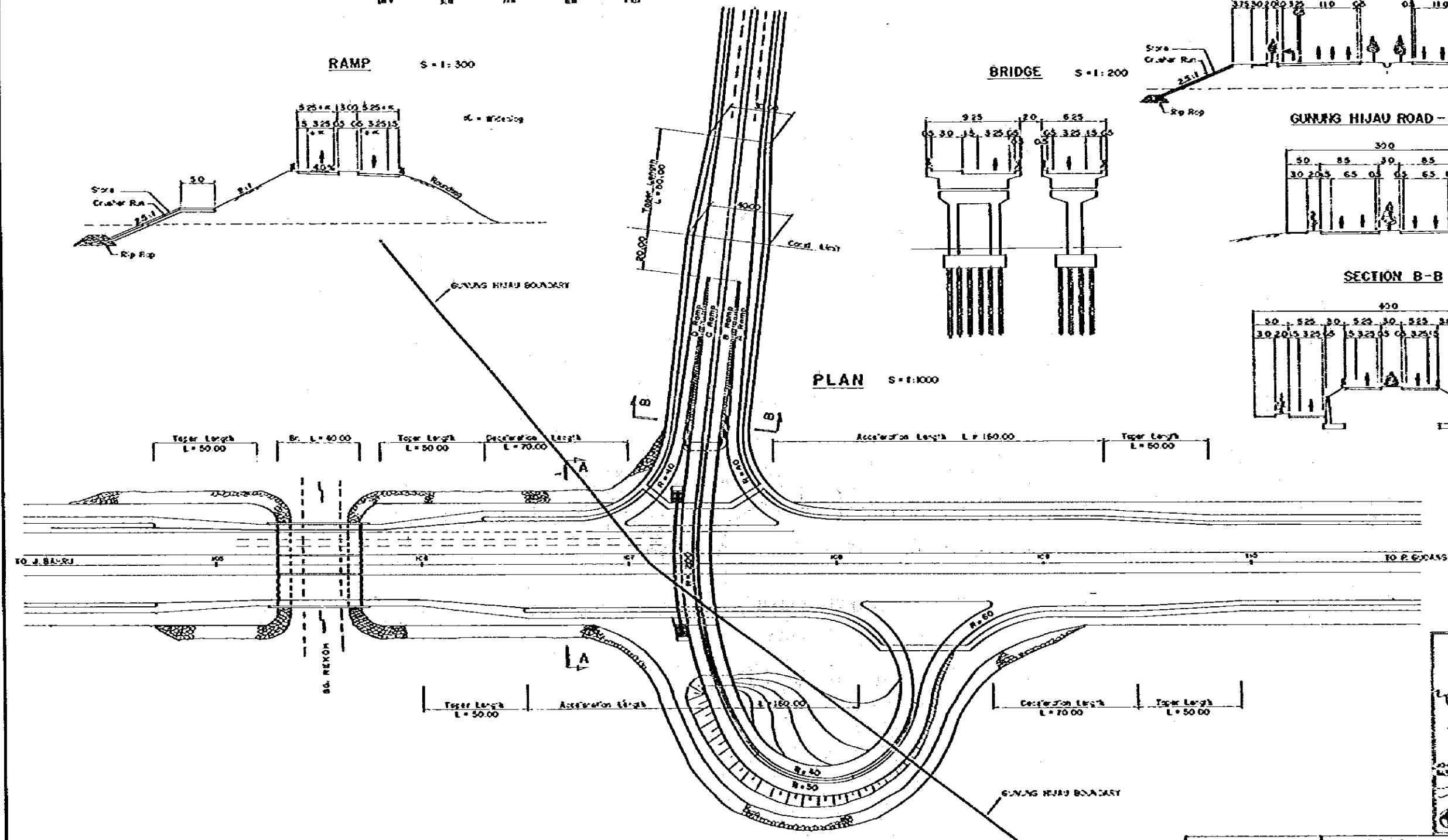
SECTION B-B

S = 1:300



PLAN

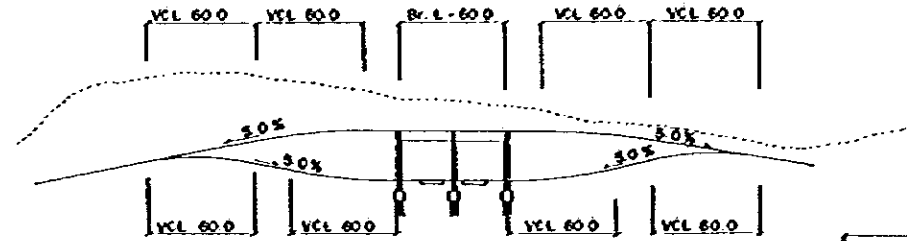
S = 1:1000



| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|--------------------------------|---------------------------------|-------|-------------|
| J.B.-P.G SOUTHERN LINK ROAD | JLN GUNUNG HIJAU INTERCHANGE | | 21 |

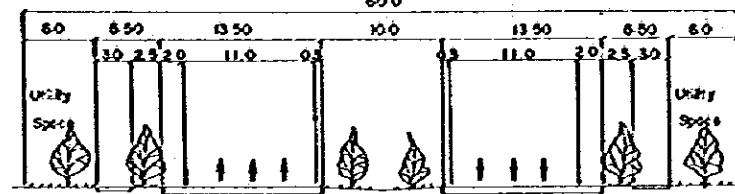
Kg. K. Masai Grade Separation (STA 121+50)

CROSSING ROAD PROFILE SCALE H:V=2000 V:1=500



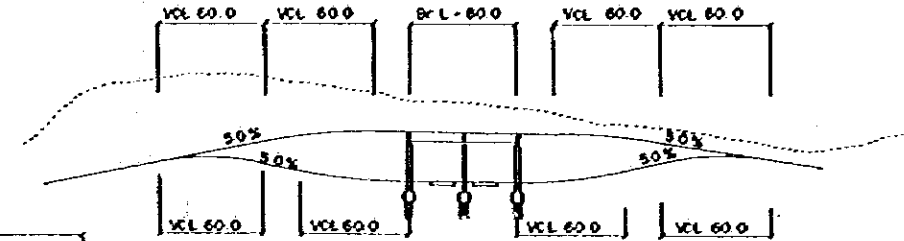
PLAN
SCALE 1:2000

CROSS SECTION
SCALE 1:300
NORMAL SECTION



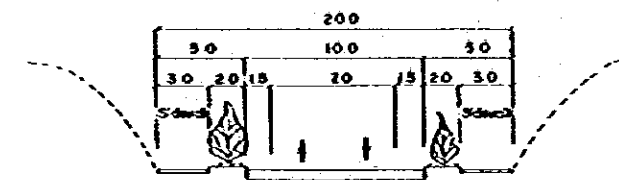
SEDC Grade Separation NO-1 (STA 132+80)

CROSSING ROAD PROFILE SCALE H:V=2000 V:1=500

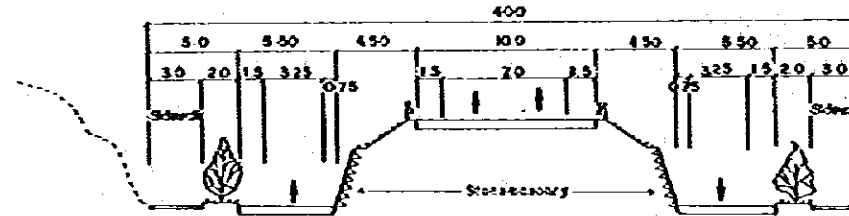


PLAN
SCALE 1:2000

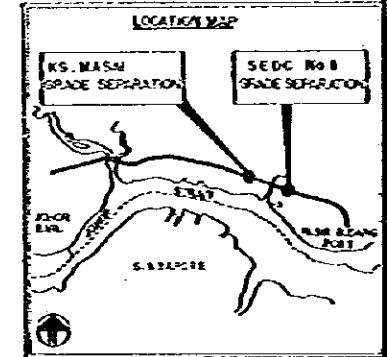
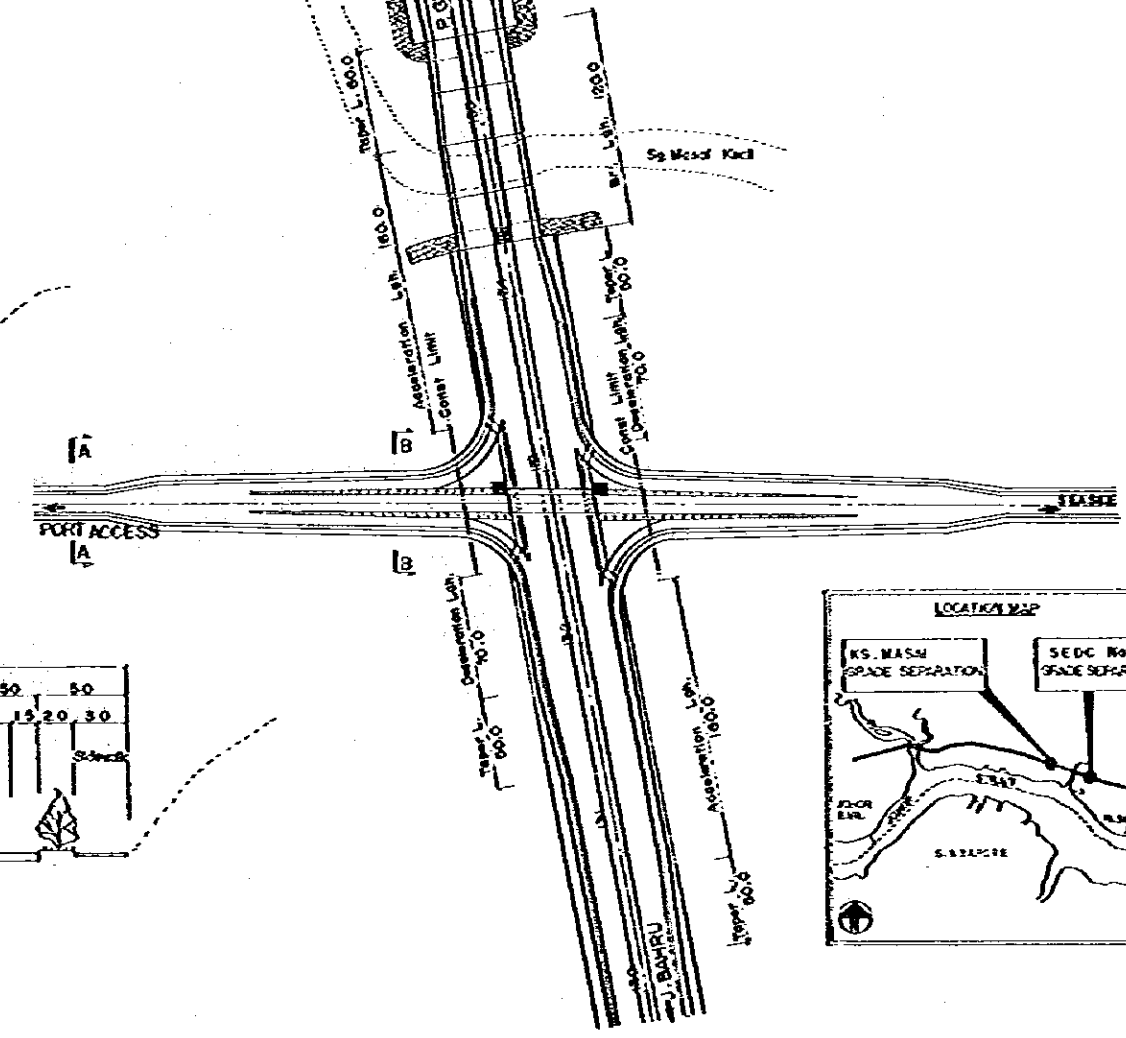
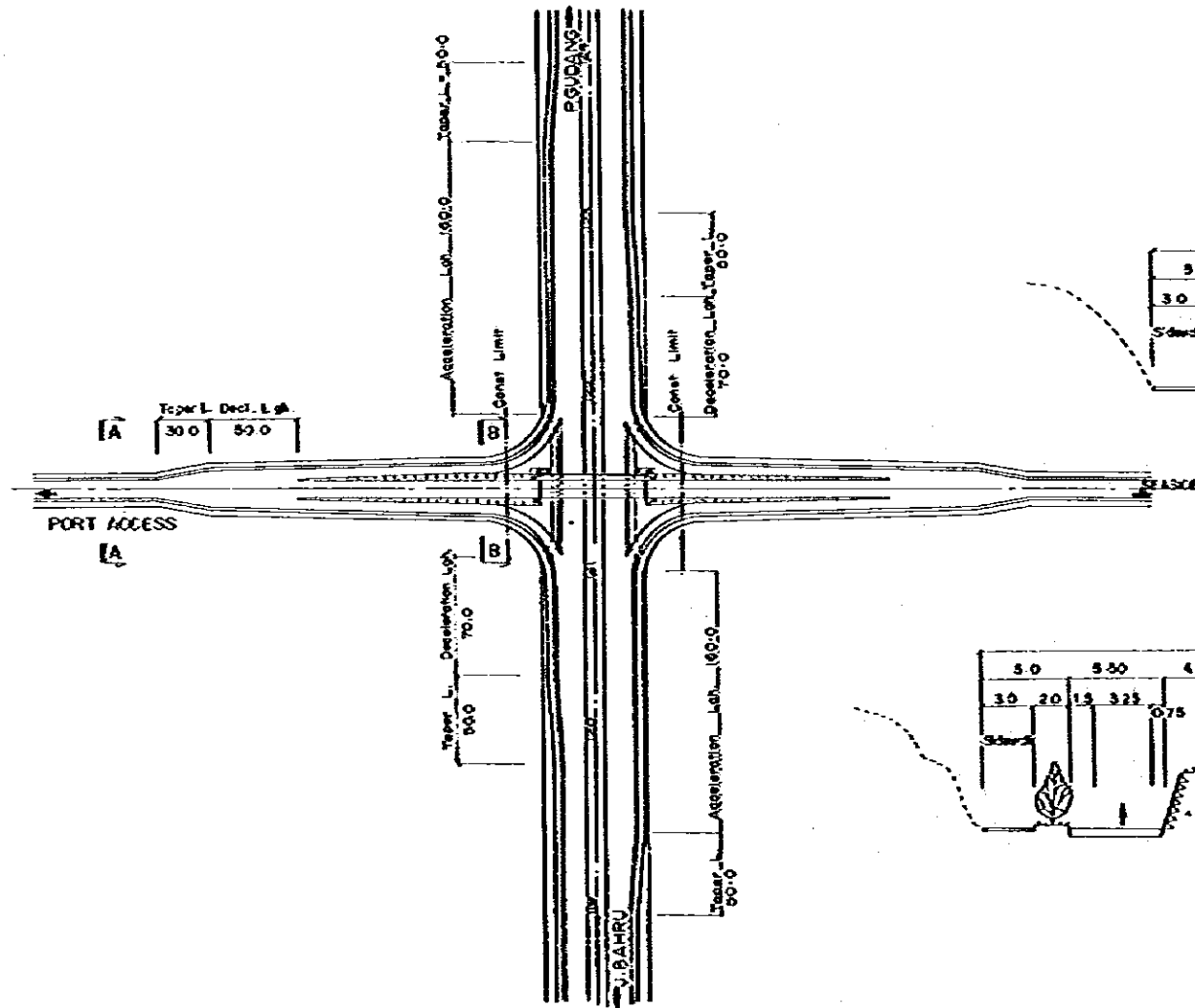
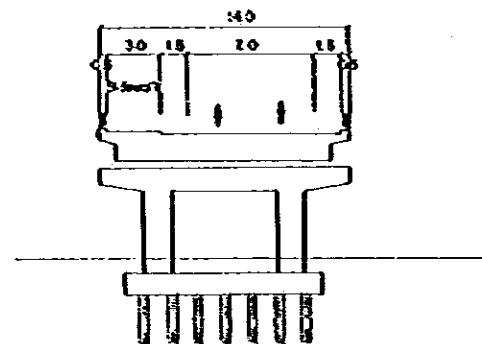
SECTION A-A
SCALE 1:200



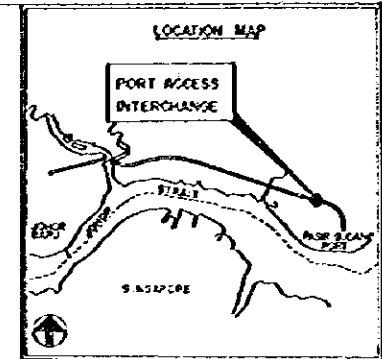
SECTION B-B



BRIDGE SECTION
SCALE 1:200

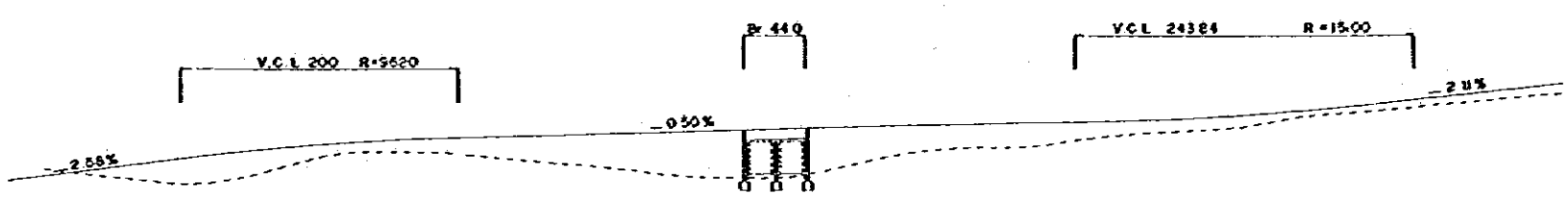


| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|--------------------|---|-------|-------------|
| SOUTHERN LINK ROAD | KG. K. MASAI / SEDC GRADE SEPARATION (II) | | 22 |



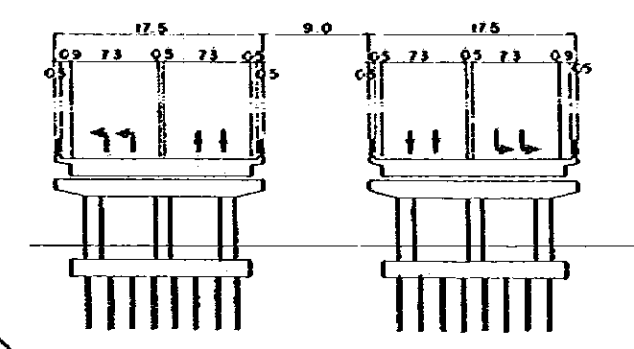
SOUTHERN LINK PROFILE

SCALE - H 1:2500
V 1: 500



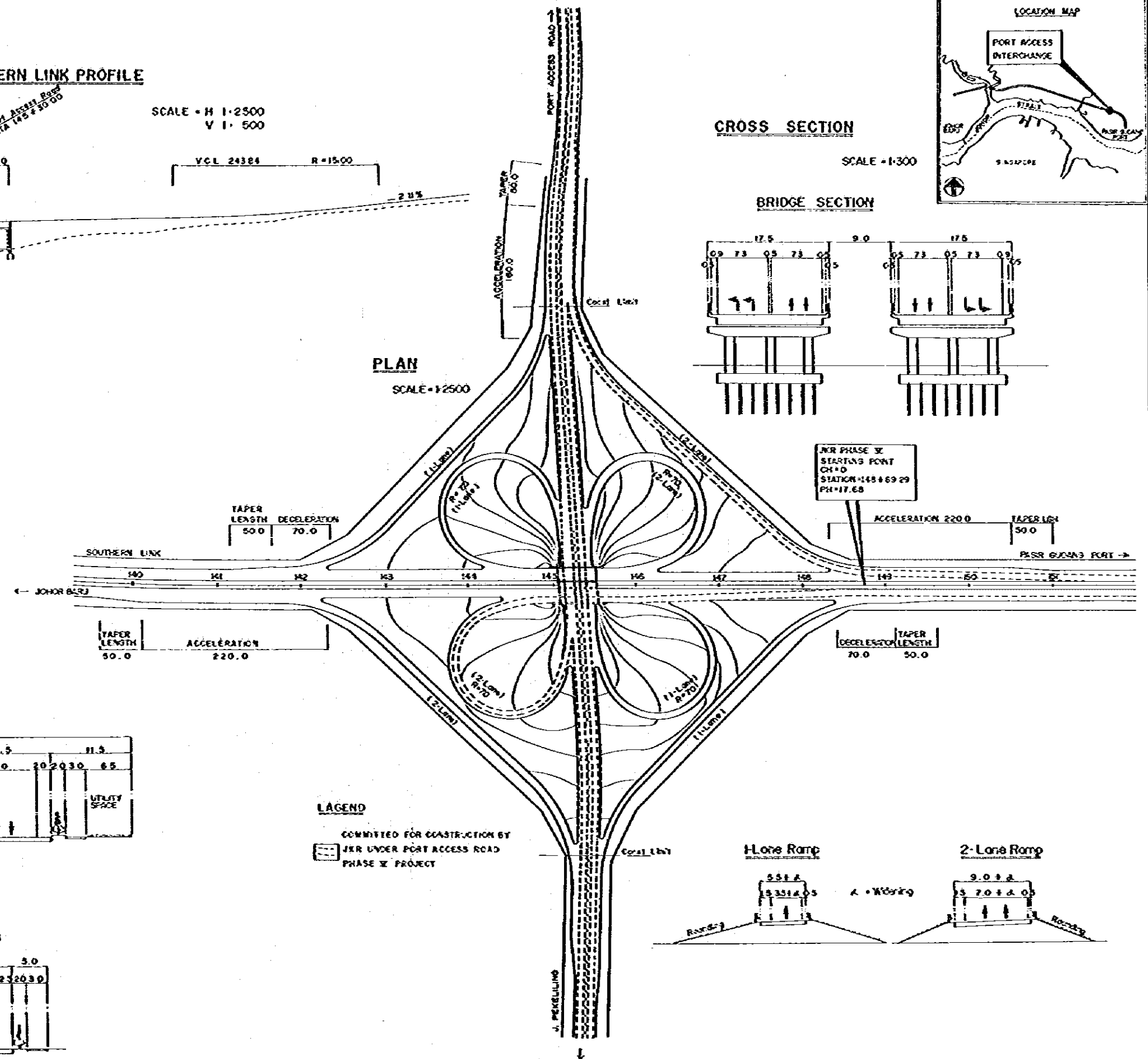
CROSS SECTION

SCALE - 1:300



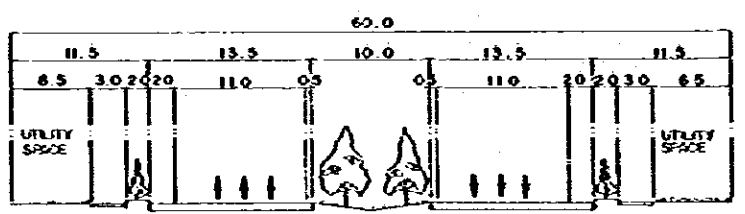
PLAN

SCALE - 1:2500

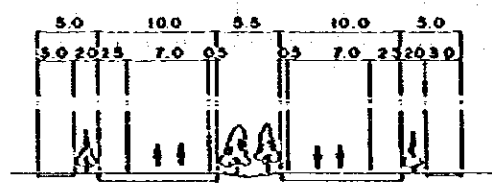


CROSS SECTION

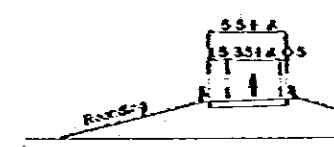
SCALE - 1:300



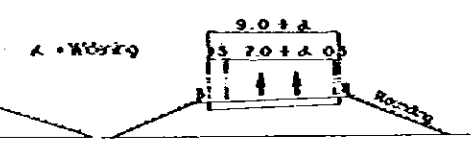
JALAN PEKELILING



1-Lane Ramp



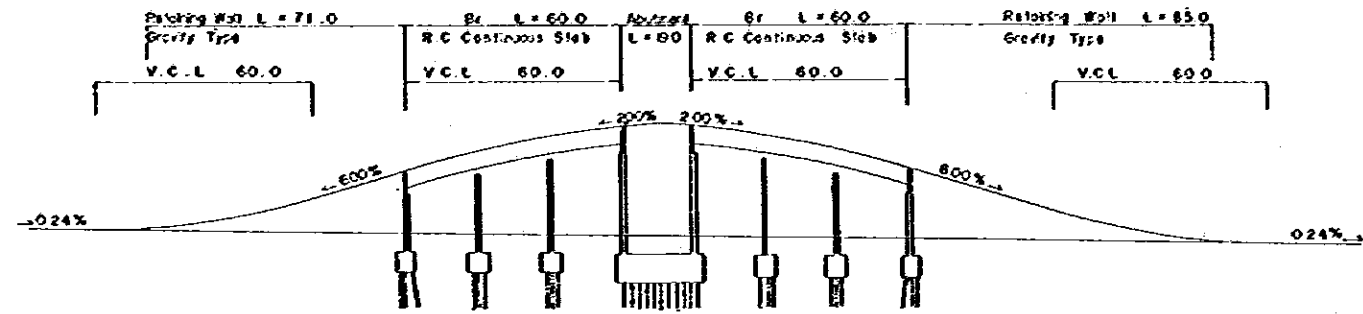
2-Lane Ramp



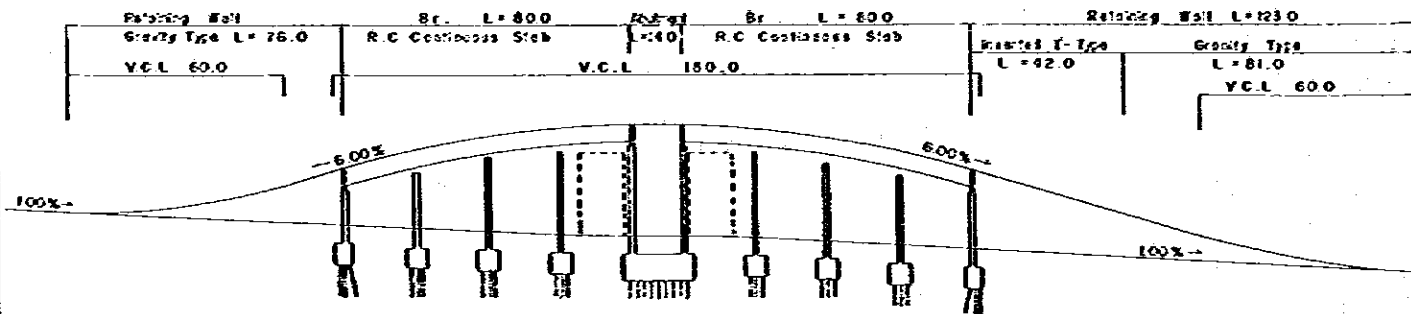
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|--------------------|-------------------------|-------|-------------|
| SOUTHERN LINK ROAD | PORT ACCESS INTERCHANGE | | 23 |

SOUTHERN LINK PROFILE

SCALE: H = 1000
V = 200

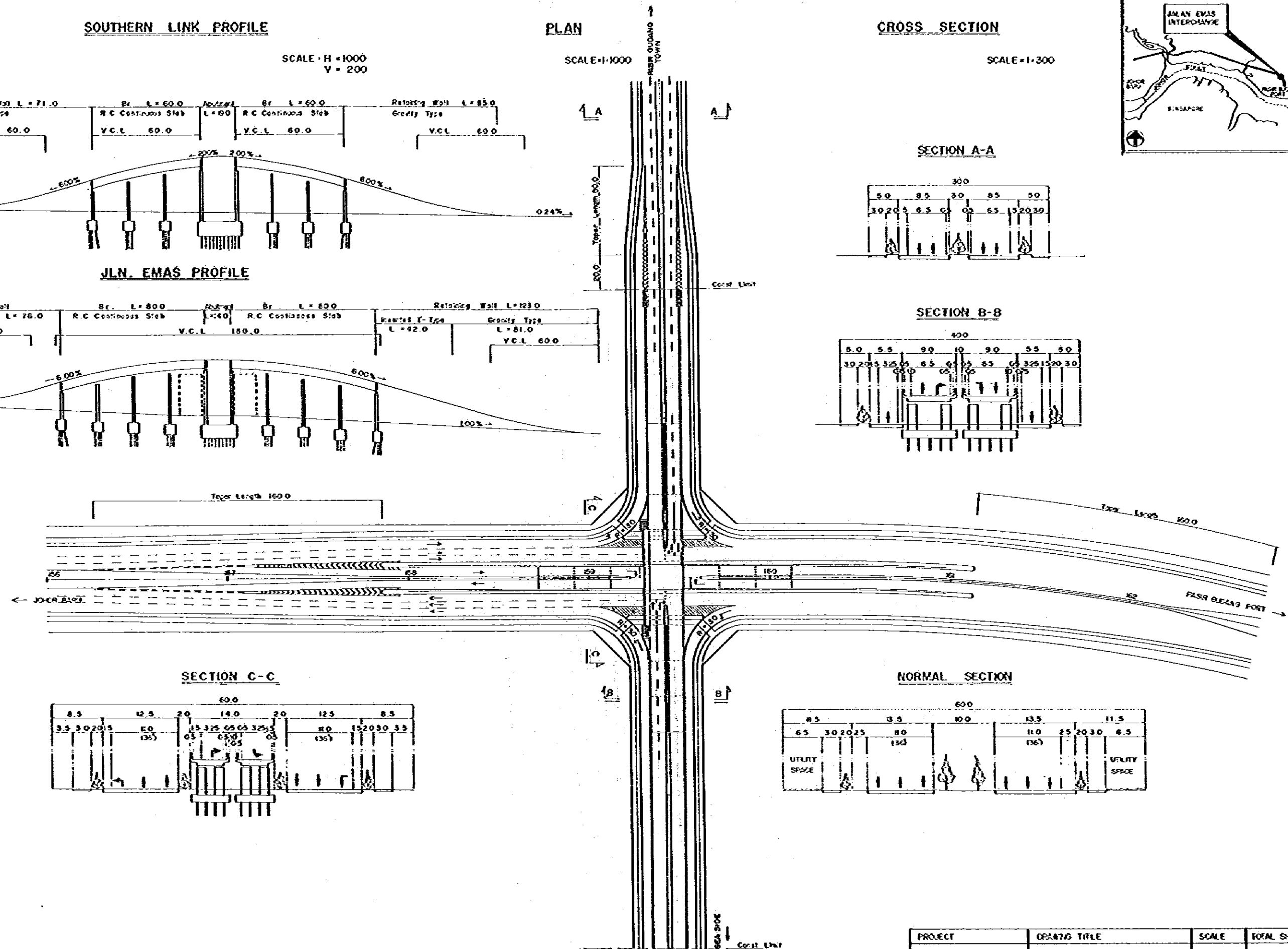


JLN. EMAS PROFILE



PLAN

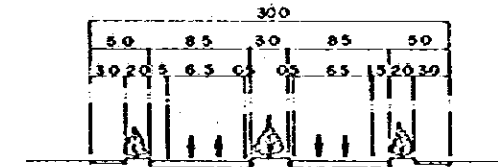
SCALE: 1:1000



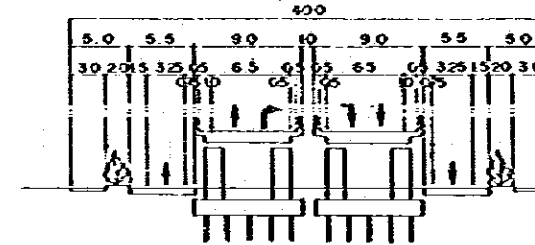
CROSS SECTION

SCALE: 1:300

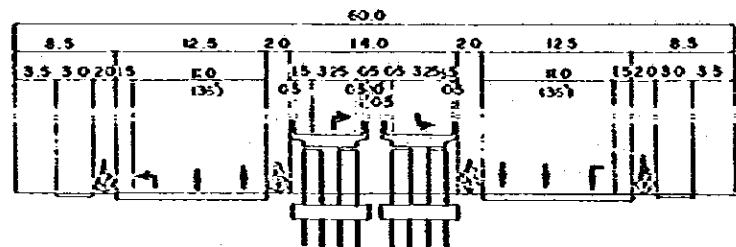
SECTION A-A



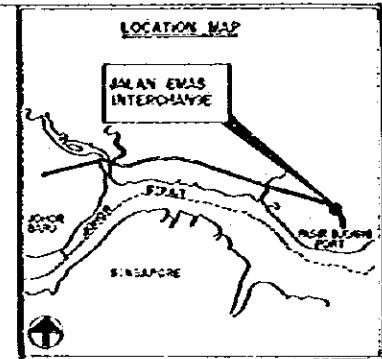
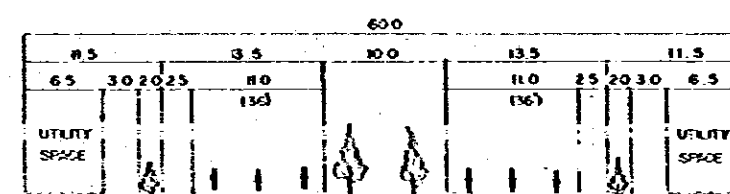
SECTION B-B



SECTION C-C

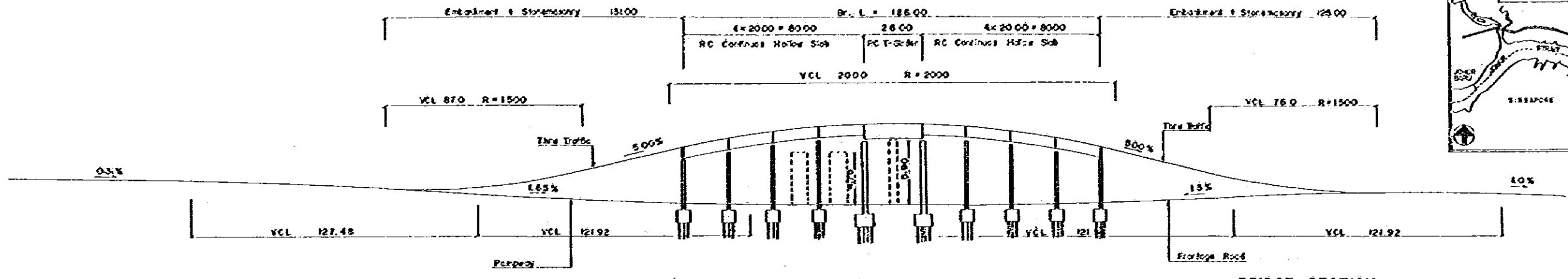
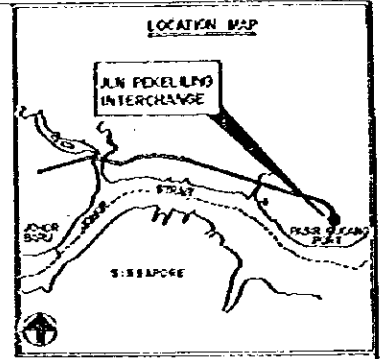


NORMAL SECTION

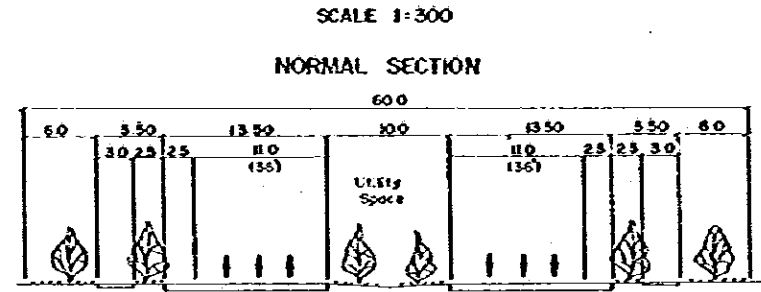


| | | | |
|--------------------|------------------------------|-------|-------------|
| PROJECT | OPERATING TITLE | SCALE | TOTAL SHEET |
| SOUTHERN LINK ROAD | J. EMAS INTERCHANGE (S.E.C.) | | 24 |

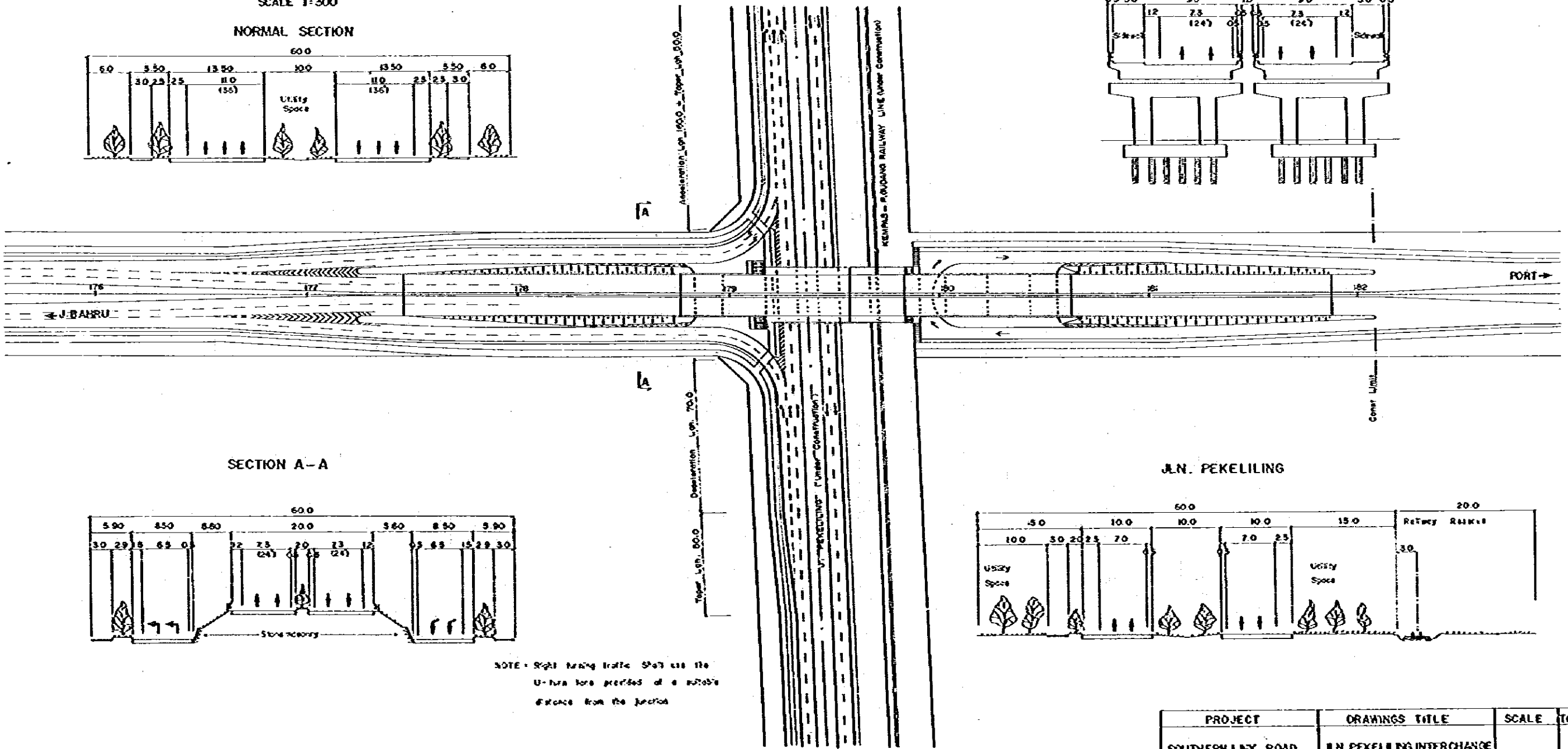
SOUTHERN LINK PROFILE SCALE H: 1:1000
V: 1:200



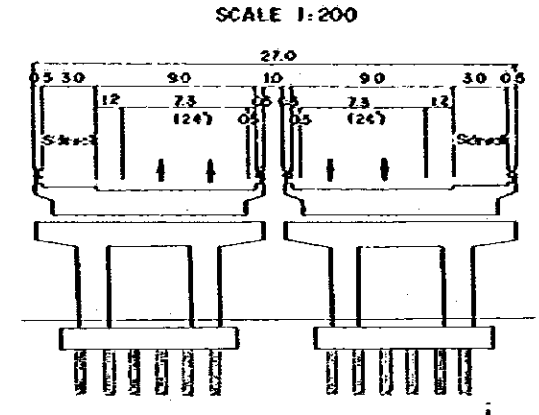
CROSS SECTION



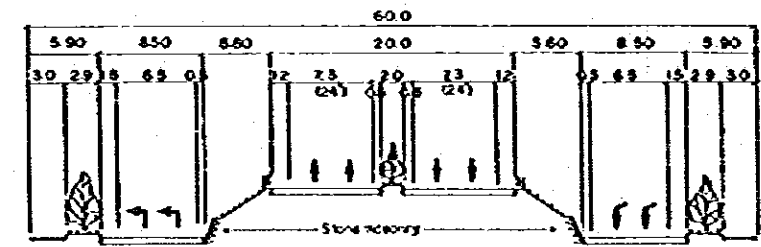
PLAN
SCALE 1:1000



BRIDGE SECTION

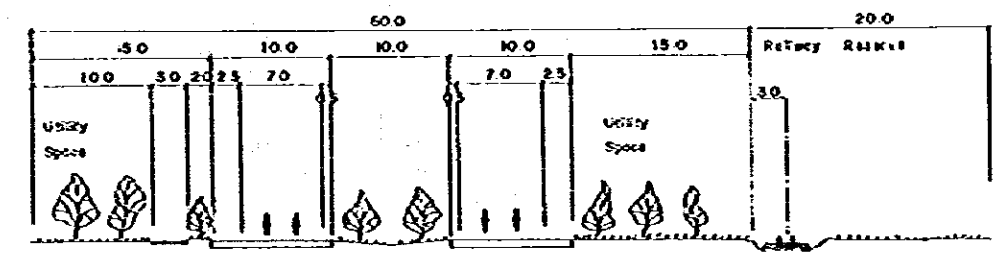


SECTION A-A



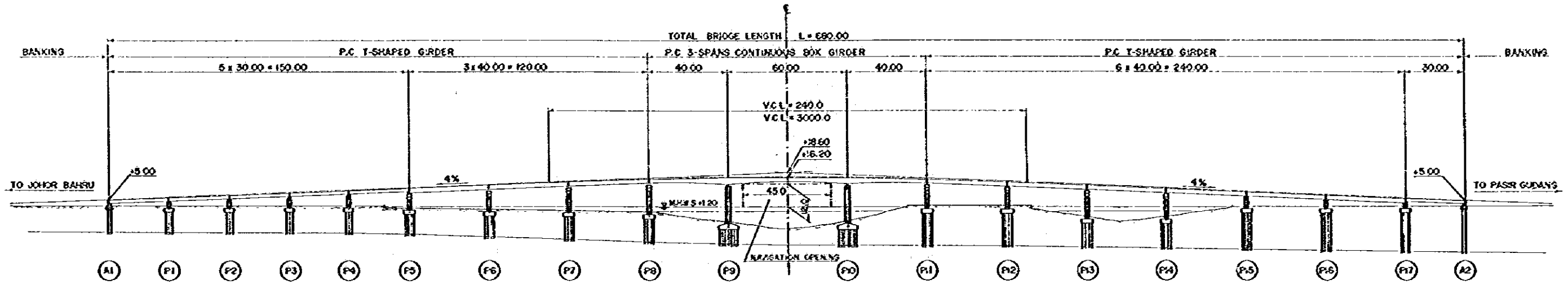
NOTE: Right turning traffic shall use the U-turn lane provided at a suitable distance from the junction.

J.N. PEKELILING

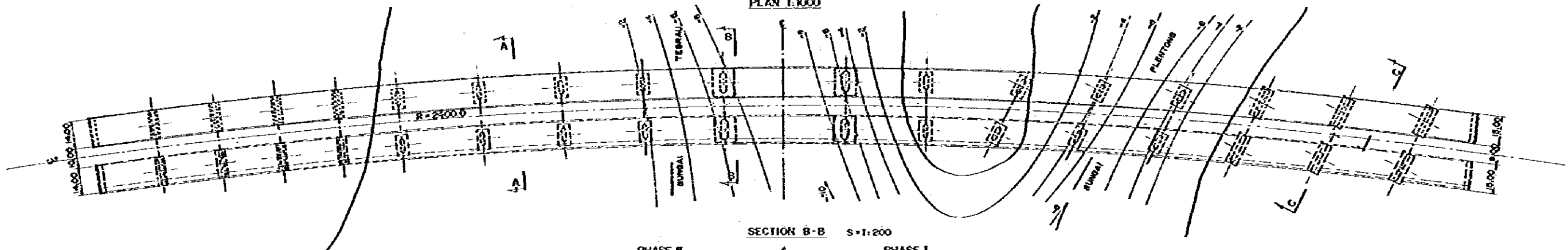


| PROJECT | DRAWINGS TITLE | SCALE | TOTAL SHEETS |
|--------------------|---------------------------------------|-------|--------------|
| SOUTHERN LINK ROAD | J.N. PEKELILING INTERCHANGE (S.E.D.C) | | 25 |

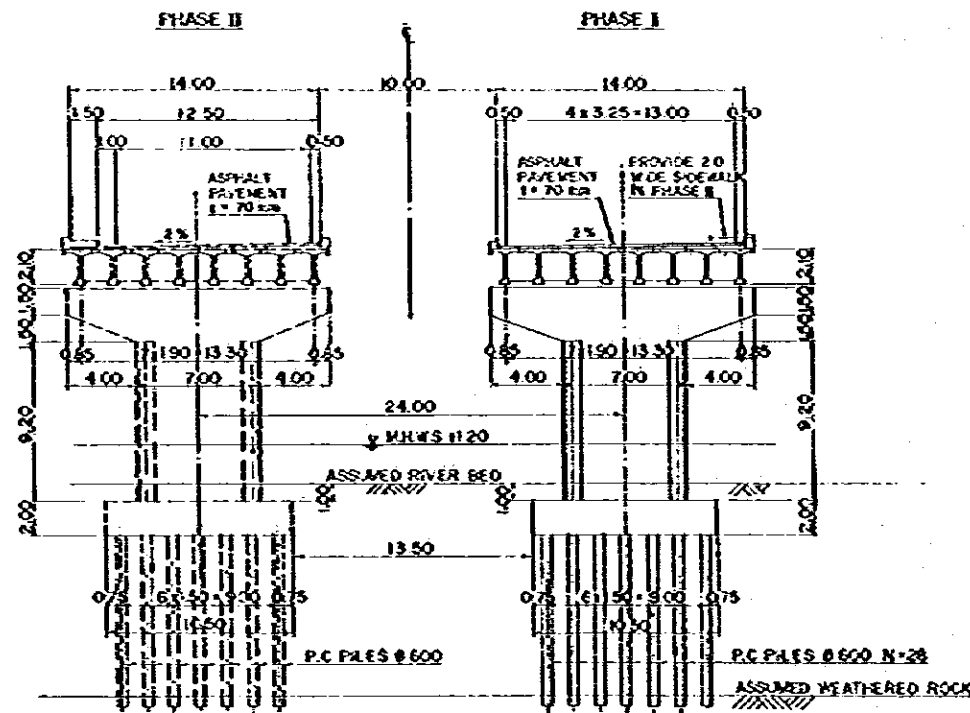
GENERAL VIEW 1:1000



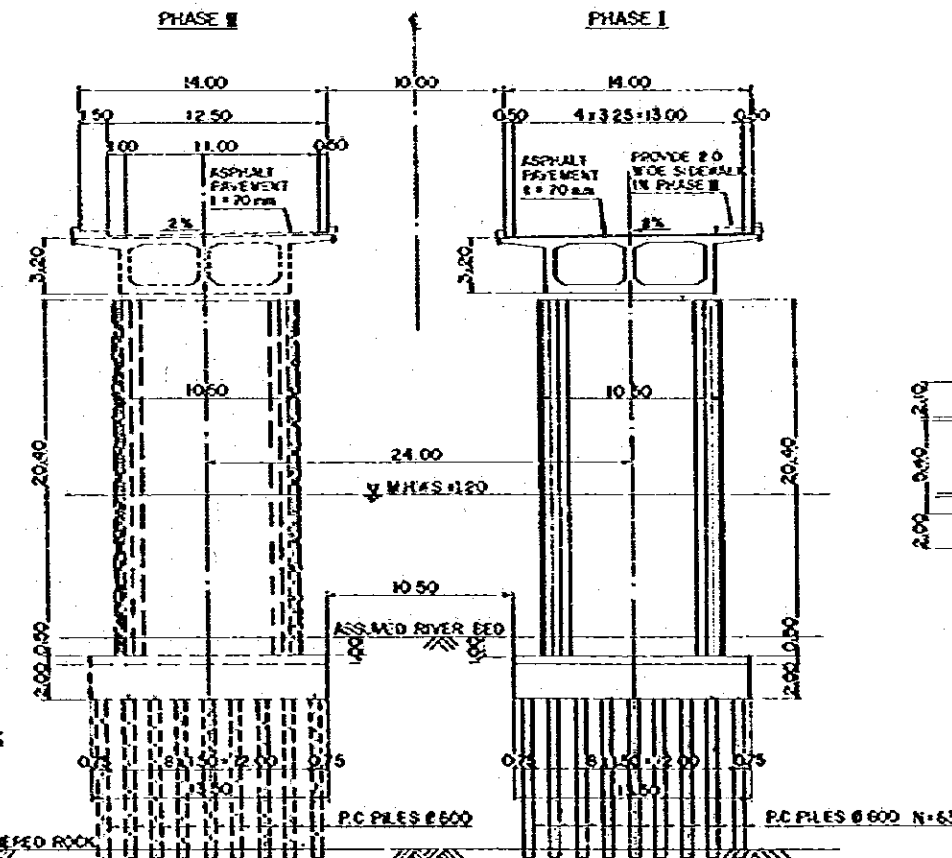
PLAN 1:1000



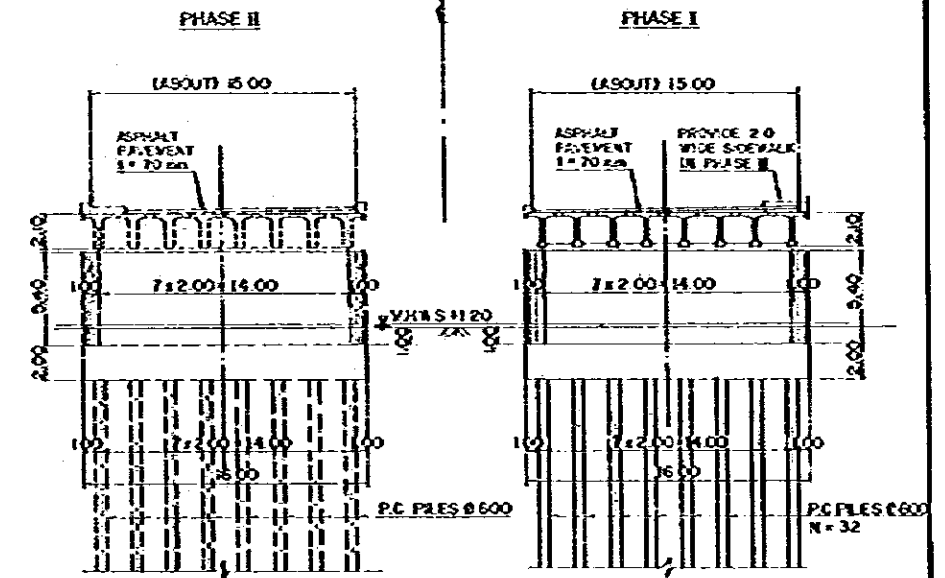
SECTION A-A



SECTION B-B S=1:200

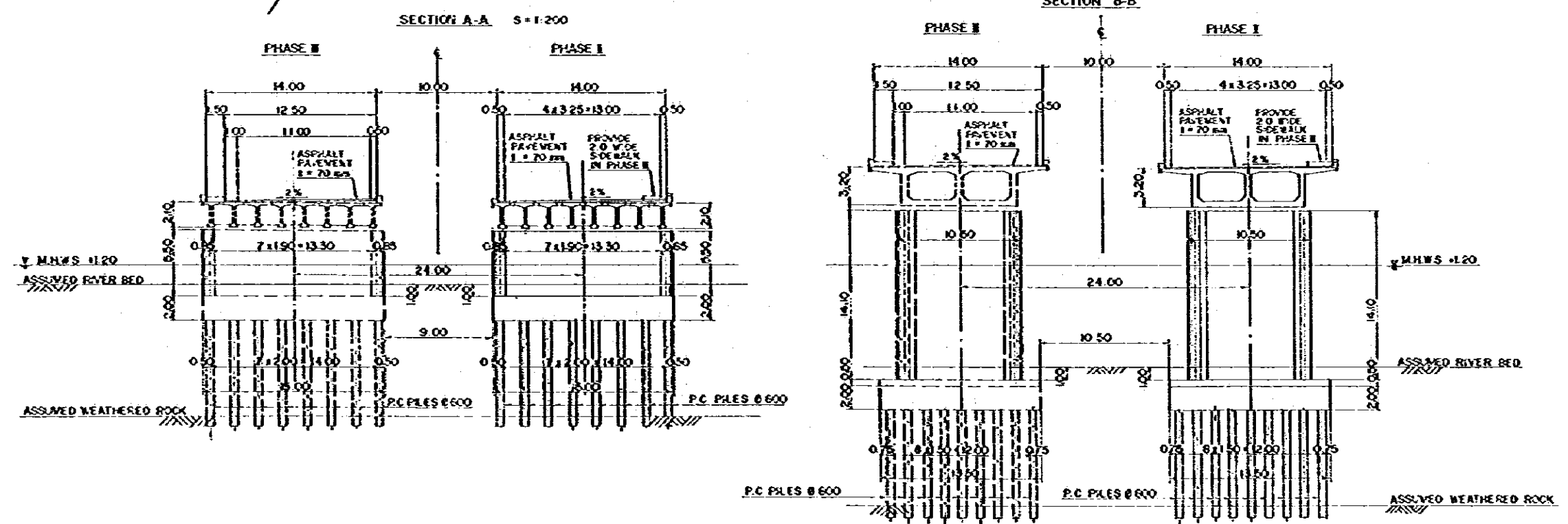
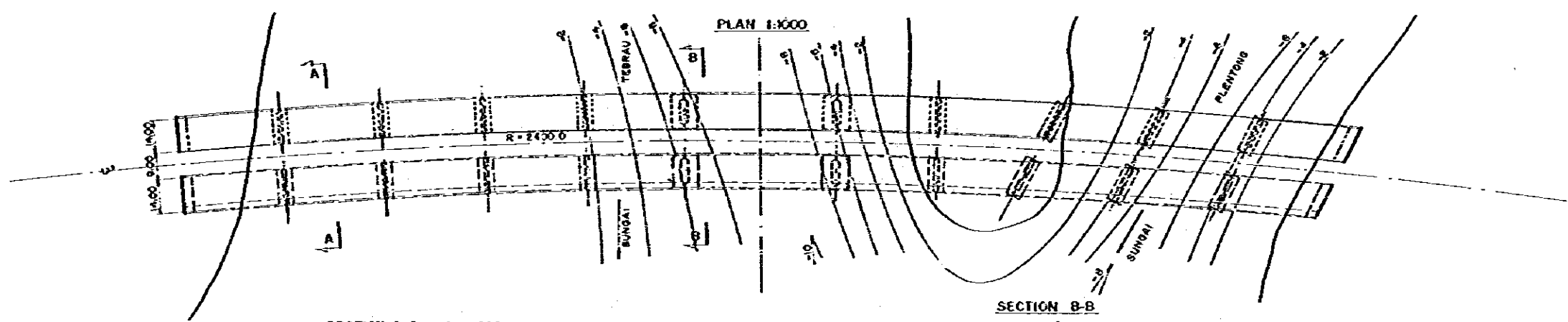
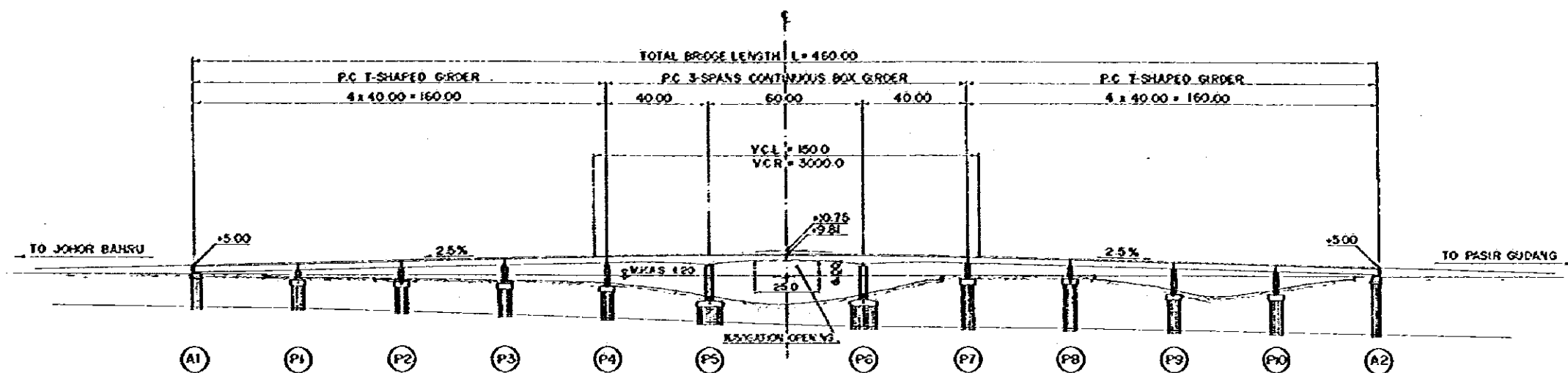


SECTION C-C



| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|-------------------------------|-------------------------------------|-------|-------------|
| J.B-P.G SOUTHERN LINK ROAD | TEBRAU RIVER BRIDGE GENERAL VIEW | | 26 |

GENERAL VIEW 1:1000



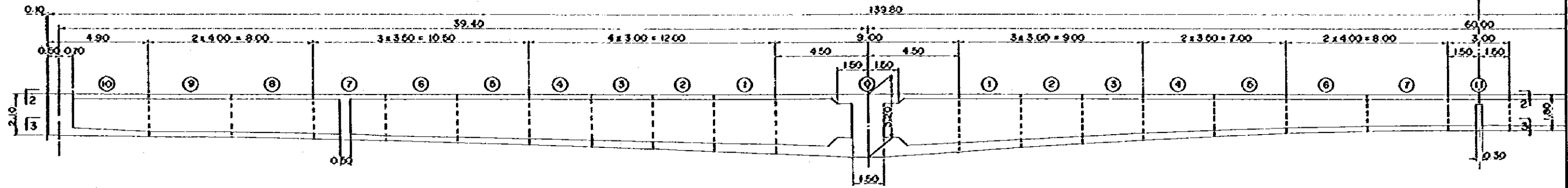
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|-----------------------------|---|-------|-------------|
| JB-PG SOUTHERN LINK ROAD | TERRAU RIVER BRIDGE GENERAL VIEW (Alternative Plan) | | 27 |

MAIN GIRDER S = 1:100

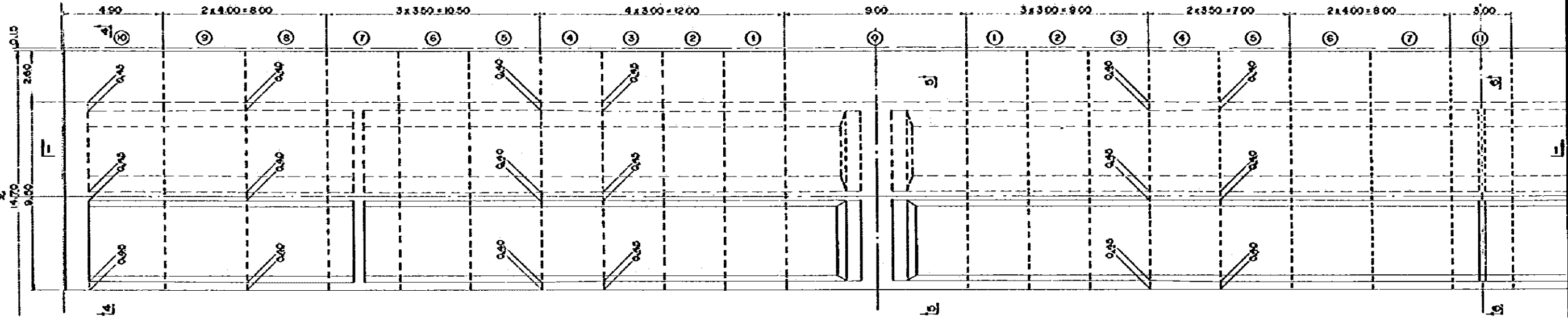
SIDE SPAN

SEC. 1-1

MAIN SPAN

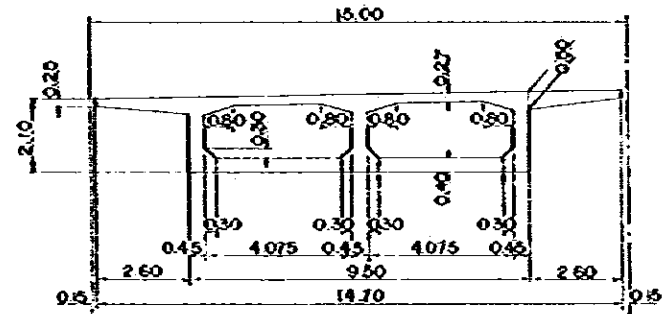


SEC. 2-2

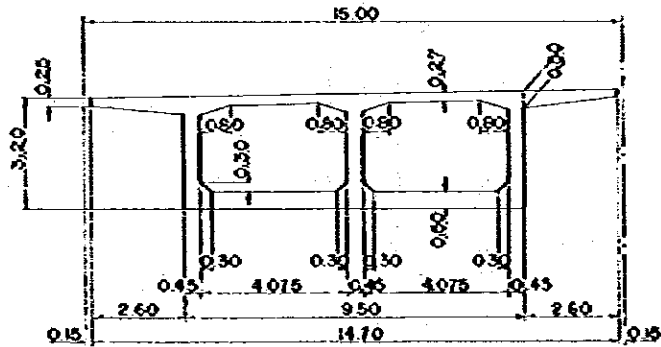


| (M) | HEIGHT OF UPPER WEB | THICKNESS OF UPPER SLAB | THICKNESS OF LOWER WEB | HEIGHT OF LOWER WEB |
|------|---------------------|-------------------------|------------------------|---------------------|
| 0.00 | 2.100 | 0.27 | 0.40 | 2.100 |
| 0.27 | 2.116 | 0.27 | 0.41 | 2.116 |
| 0.54 | 2.165 | 0.27 | 0.40 | 2.165 |
| 0.81 | 2.227 | 0.27 | 0.40 | 2.227 |
| 1.08 | 2.322 | 0.27 | 0.40 | 2.322 |
| 1.35 | 2.420 | 0.27 | 0.40 | 2.420 |
| 1.62 | 2.543 | 0.27 | 0.40 | 2.543 |
| 1.89 | 2.650 | 0.27 | 0.40 | 2.650 |
| 2.16 | 2.775 | 0.27 | 0.45 | 2.775 |
| 2.43 | 2.902 | 0.27 | 0.45 | 2.902 |
| 2.70 | 3.033 | 0.27 | 0.45 | 3.033 |
| 2.97 | 3.200 | 0.60 | 0.45 | 3.200 |
| 3.24 | 2.920 | 0.27 | 0.45 | 2.920 |
| 3.51 | 2.704 | 0.27 | 0.45 | 2.704 |
| 3.78 | 2.600 | 0.27 | 0.45 | 2.600 |
| 4.05 | 2.316 | 0.27 | 0.45 | 2.316 |
| 4.32 | 2.128 | 0.27 | 0.40 | 2.128 |
| 4.59 | 1.978 | 0.27 | 0.40 | 1.978 |
| 4.86 | 1.861 | 0.27 | 0.40 | 1.861 |
| 5.13 | 1.660 | 0.27 | 0.40 | 1.660 |
| 5.40 | 1.600 | 0.27 | 0.40 | 1.600 |

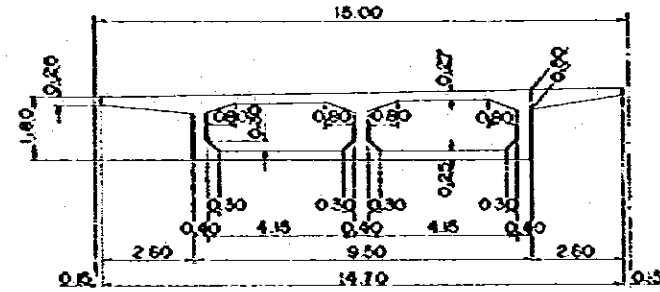
SEC. 4-4



SEC. 5-5

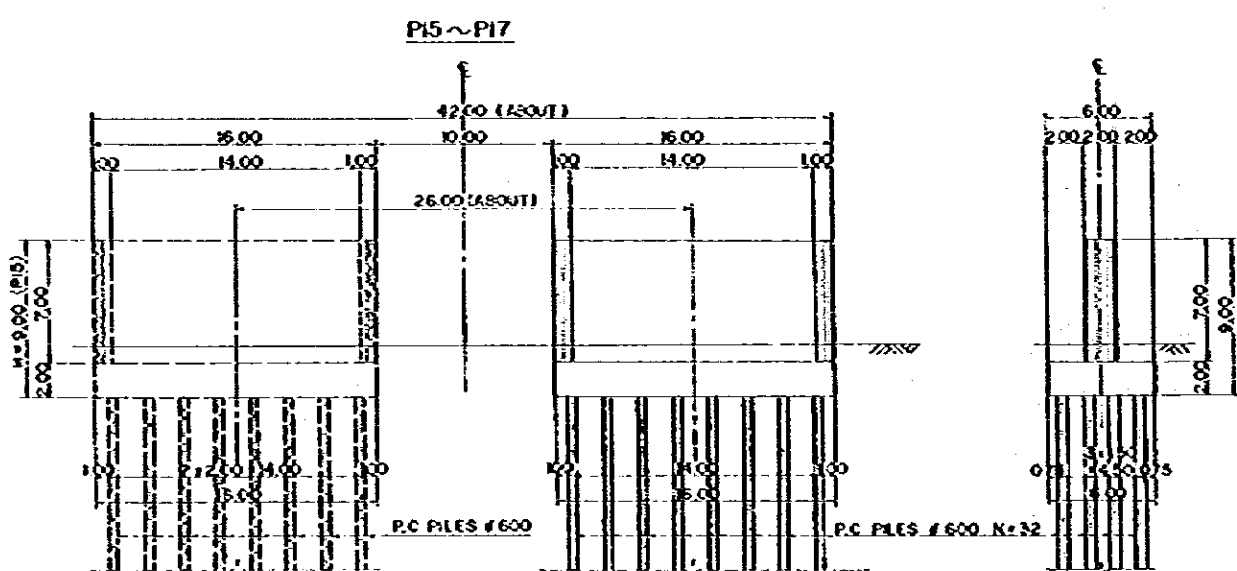
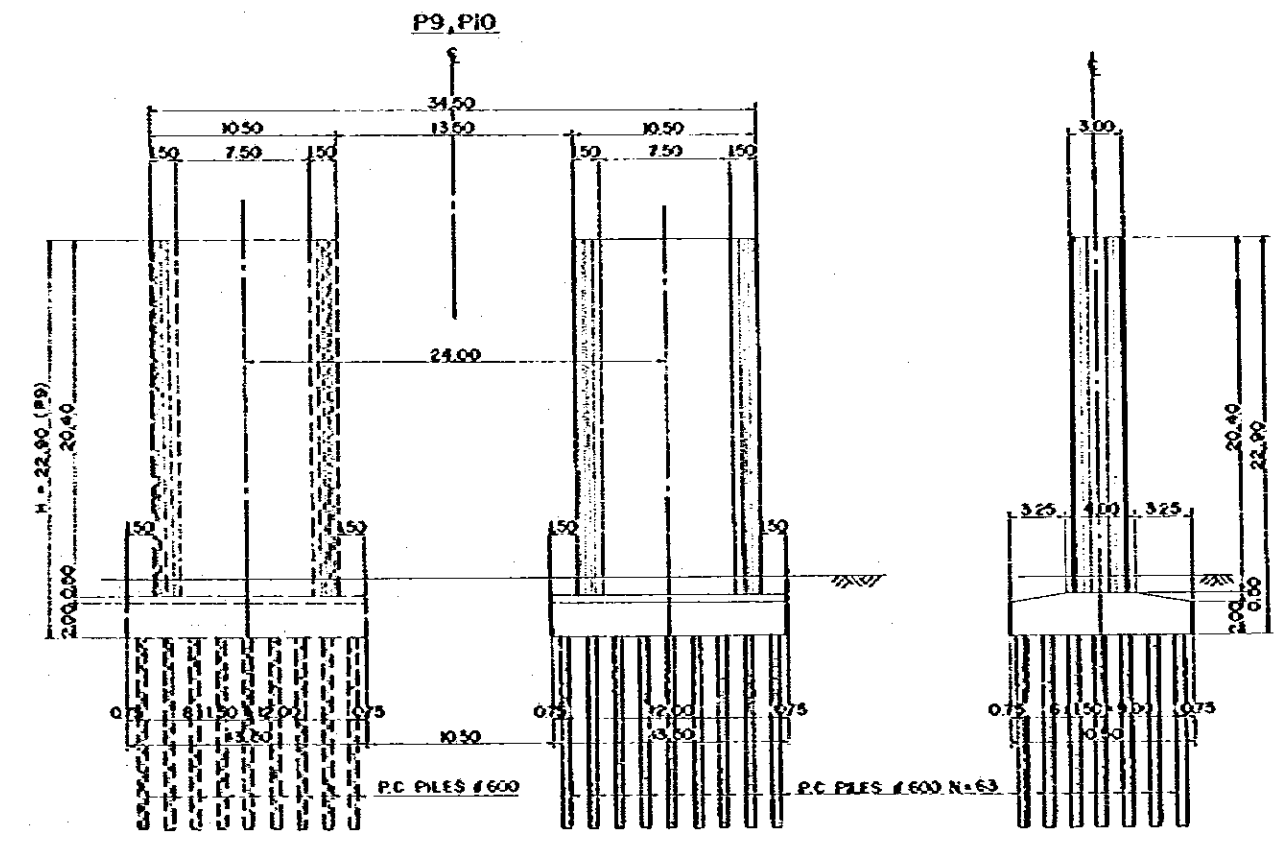
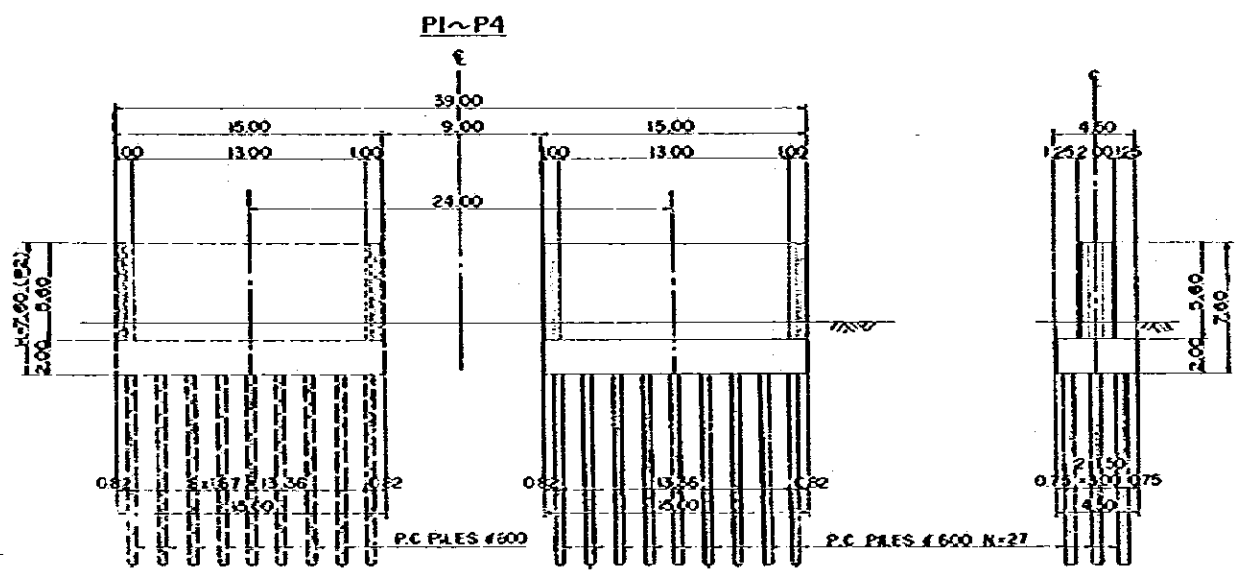
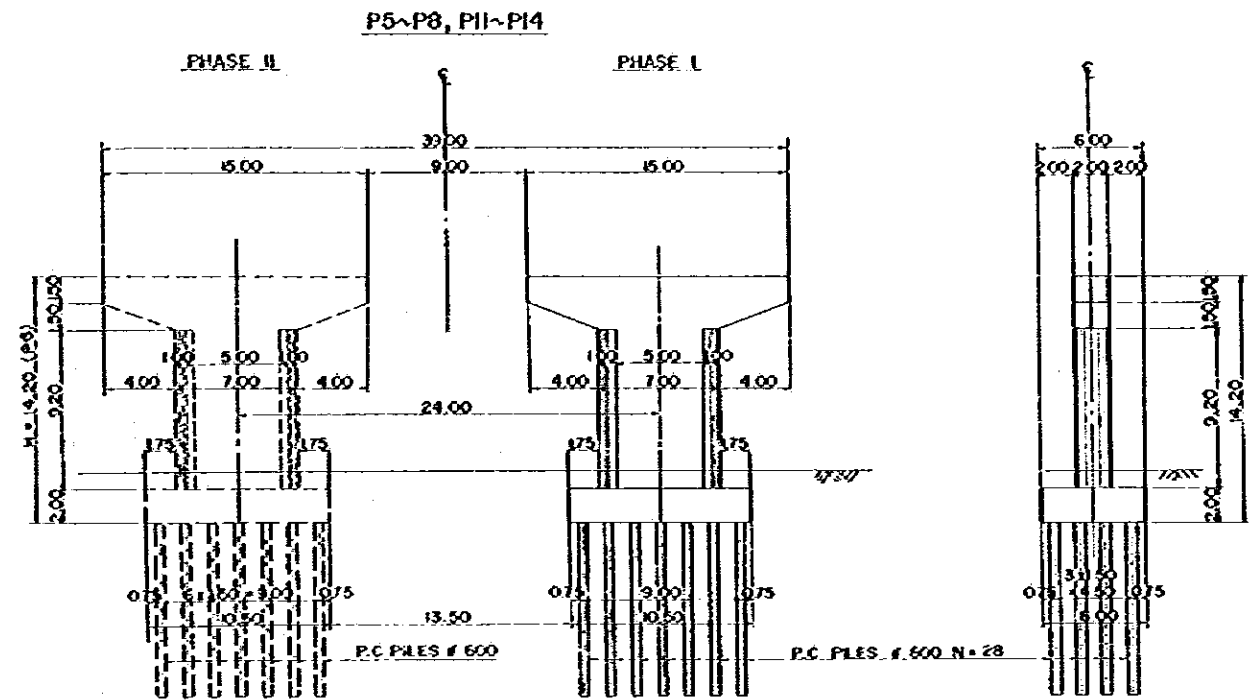
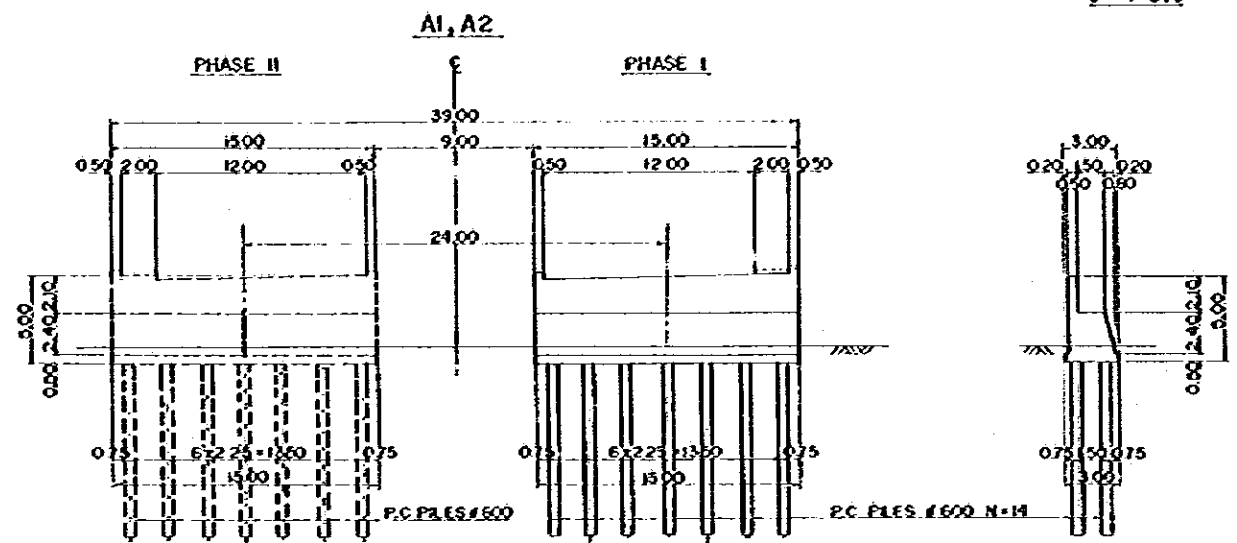


SEC. 6-6



| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|------------------------------|---------------------------------------|-------|-------------|
| J8 - PG SOUTHERN LPK ROAD | TEBRAU RIVER BRIDGE SUPERSTRUCTURE | 2/4 | 28 |

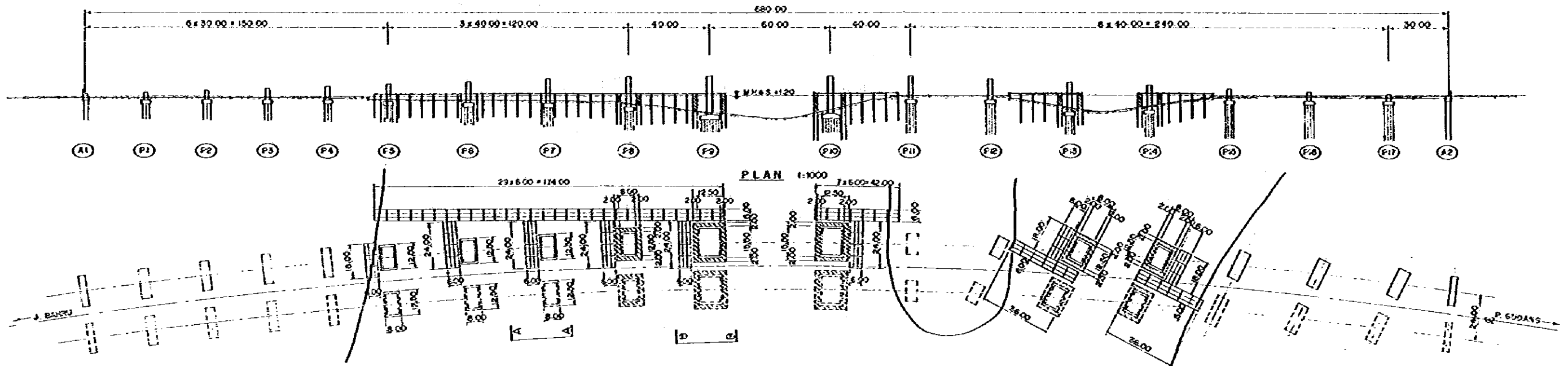
S = 1:200



NOTE
THE ABOVE CASE IS FOR 12SH NAVIGATION CLEARANCE SHOWN IN SHEET 26

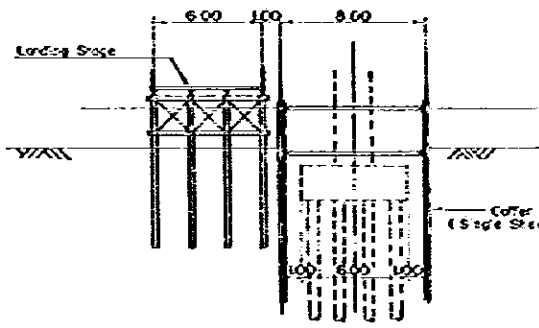
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|------------------------------|-------------------------------------|-------|-------------|
| J8-P.G SOUTHERN LINK ROAD | TEBRAU RIVER BRIDGE SUBSTRUCTURE | | 29 |

GENERAL VIEW OF TEMPORARY LANDING STAGE & COFFER DAMS 1:1000

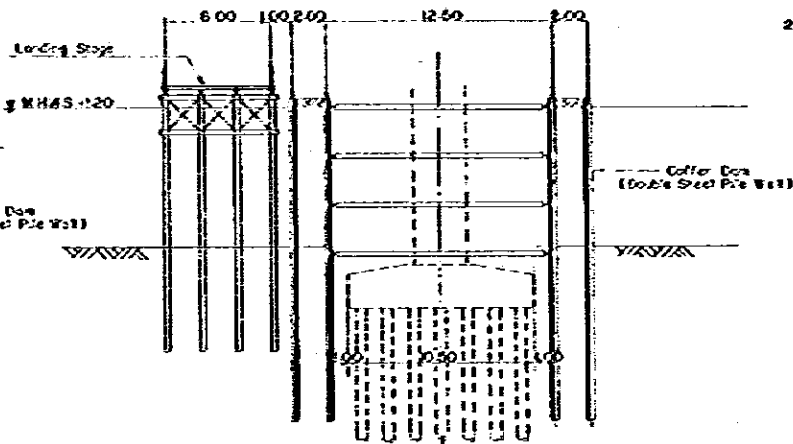


PLAN 1:1000

SEC. A-A 1:200

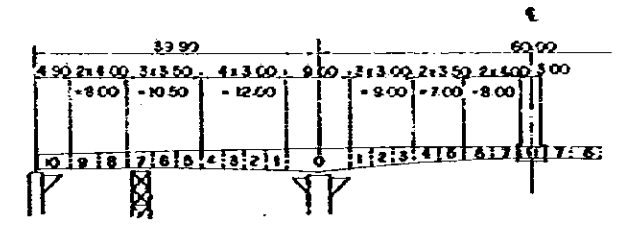


SEC. B-B 1:200

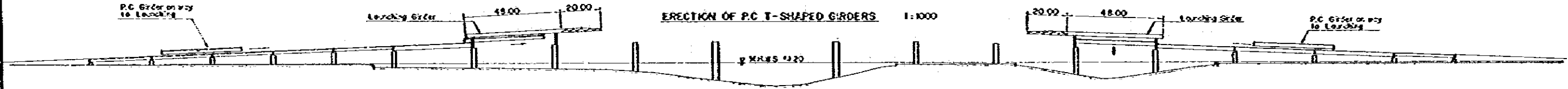


- NOTES
1. Landing Stage for Phase II (Not Shown) is similar to that shown for Phase I.
 2. Dimensions of Phase II Coffers are similar to those of corresponding Phase I Coffers.

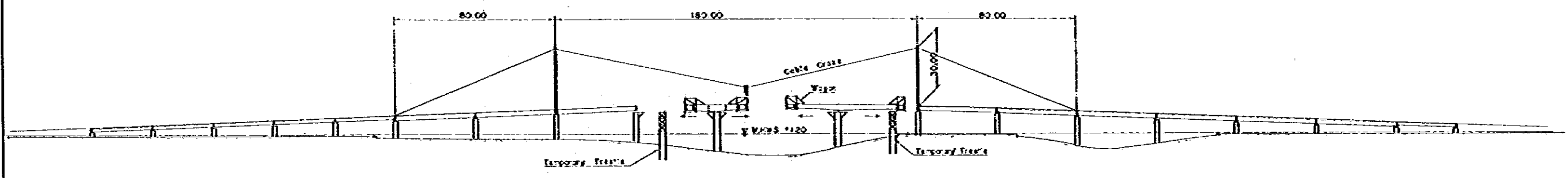
SEQUENCE OF ERECTION OF P.C. BOX GIRDER UNITS



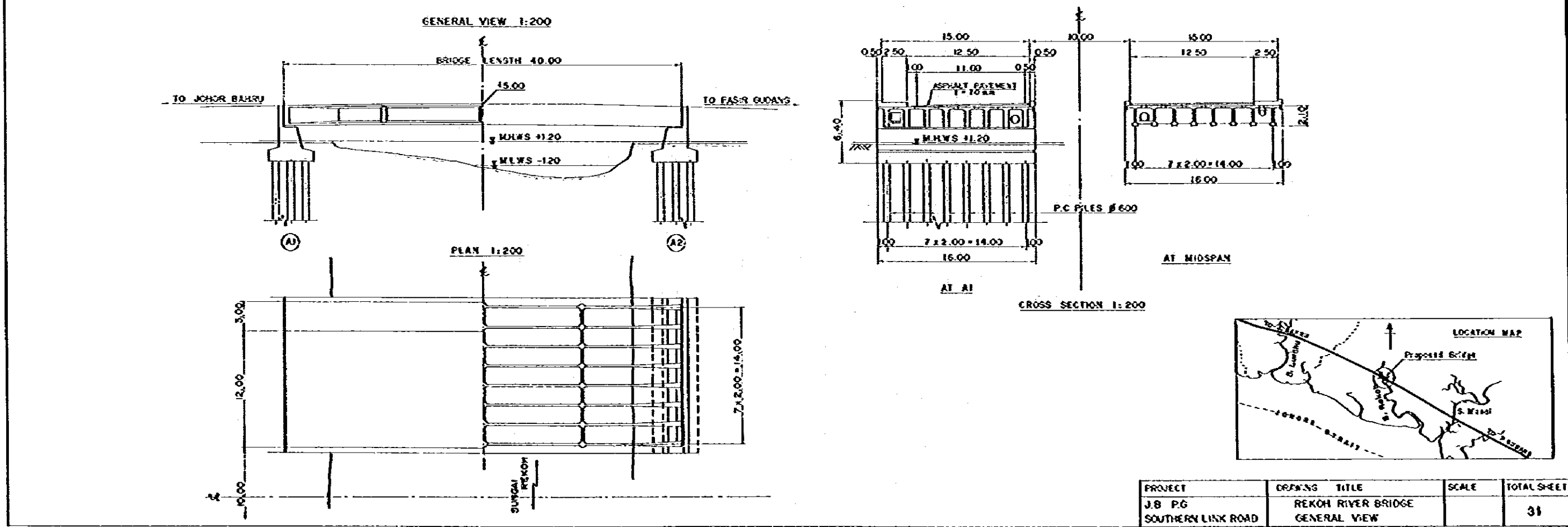
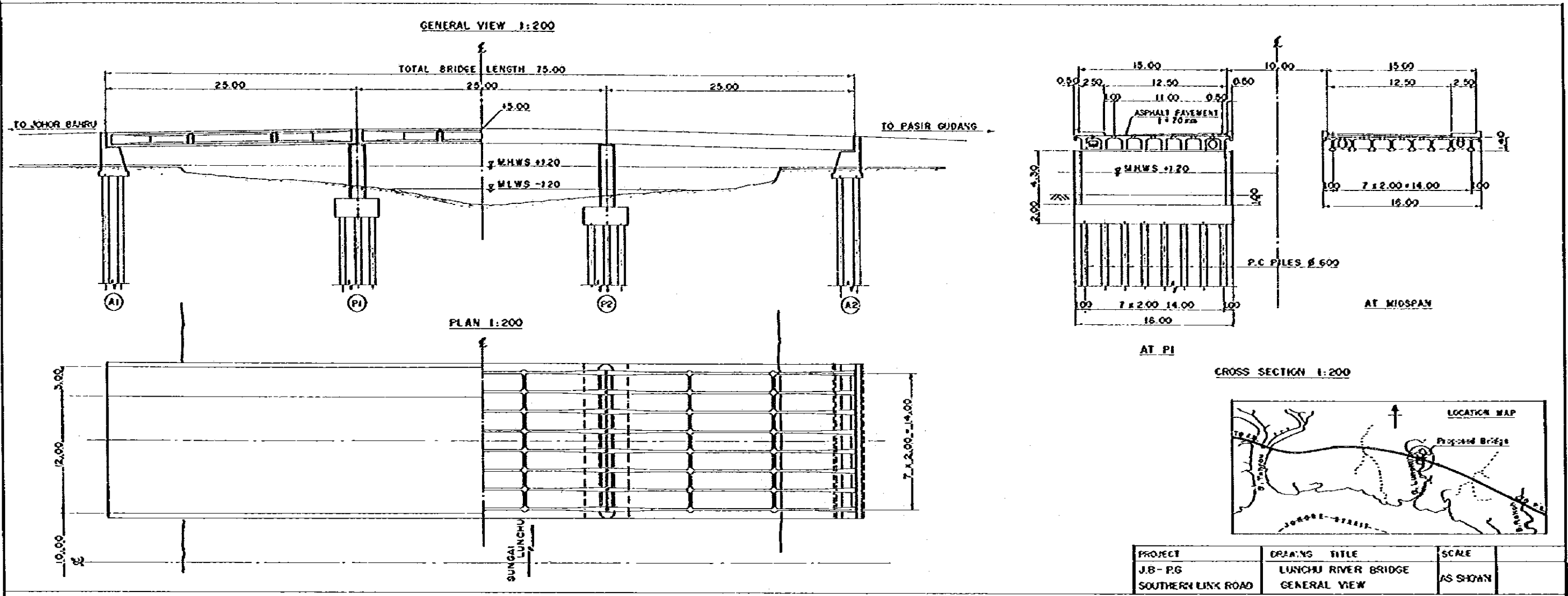
ERECTION OF P.C. T-SHAPED GIRDERS 1:1000



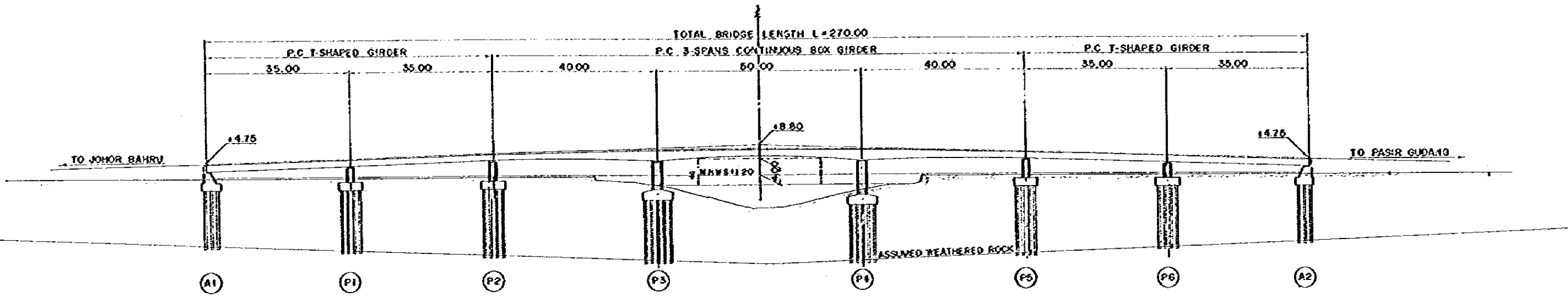
ERECTION OF P.C. 3-SPANS CONTINUOUS BOX GIRDERS 1:1000



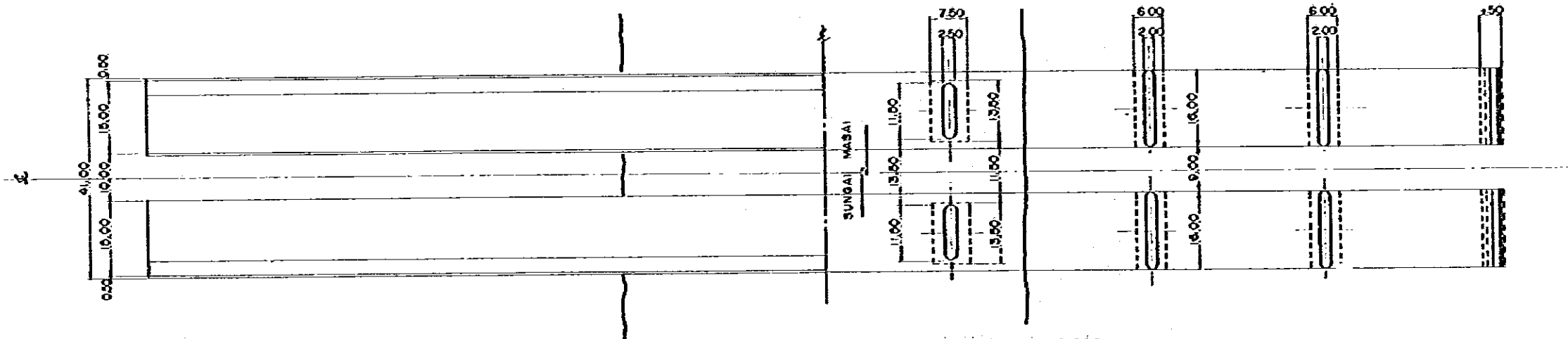
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|---------------------------------|---|-------|-------------|
| J 8 - P 6 SOUTHERN LINK ROAD | TEBRAU RIVER BRIDGE METHOD OF CONSTRUCTION 4/4 | | 30 |



GENERAL VIEW 1:500

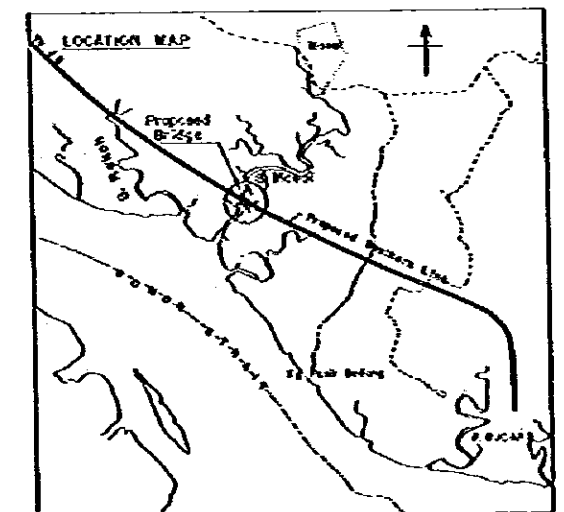
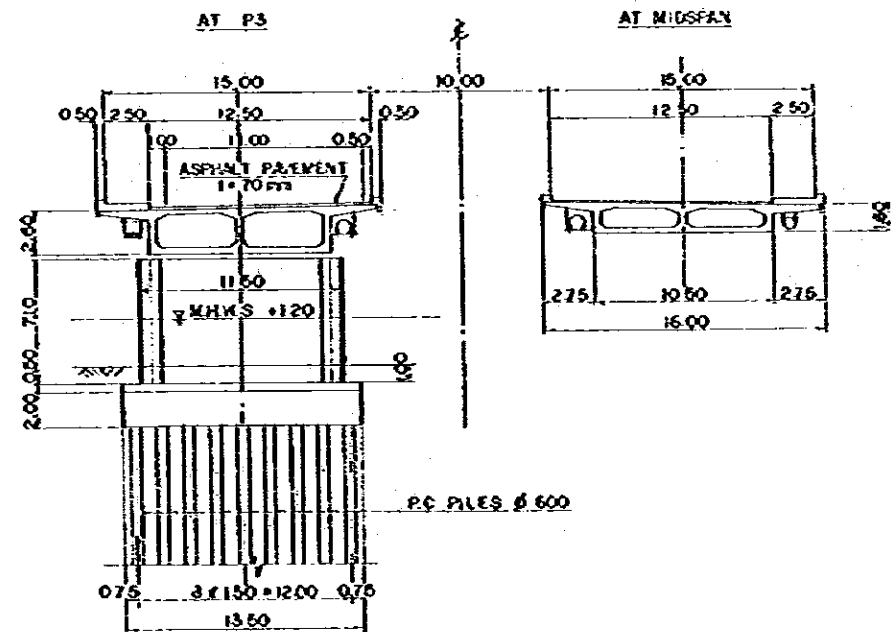
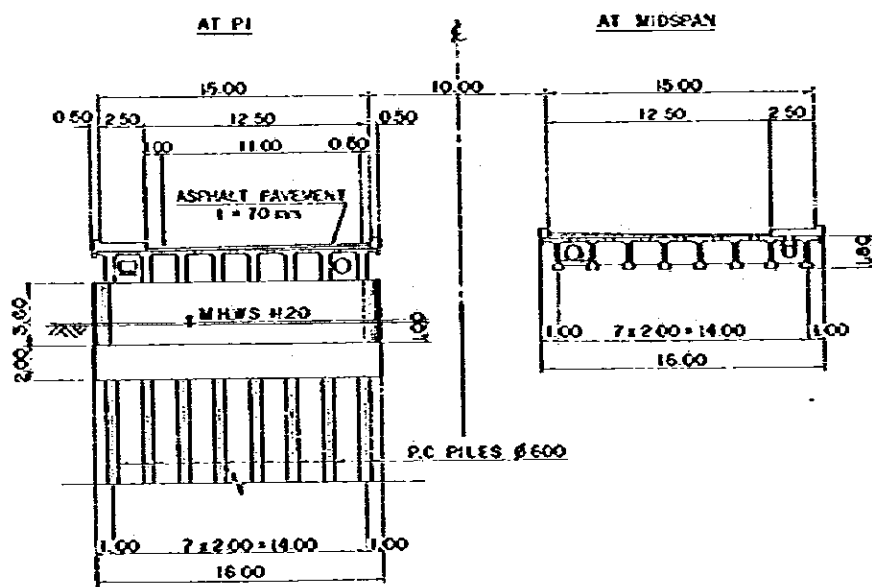


PLAN 1:500



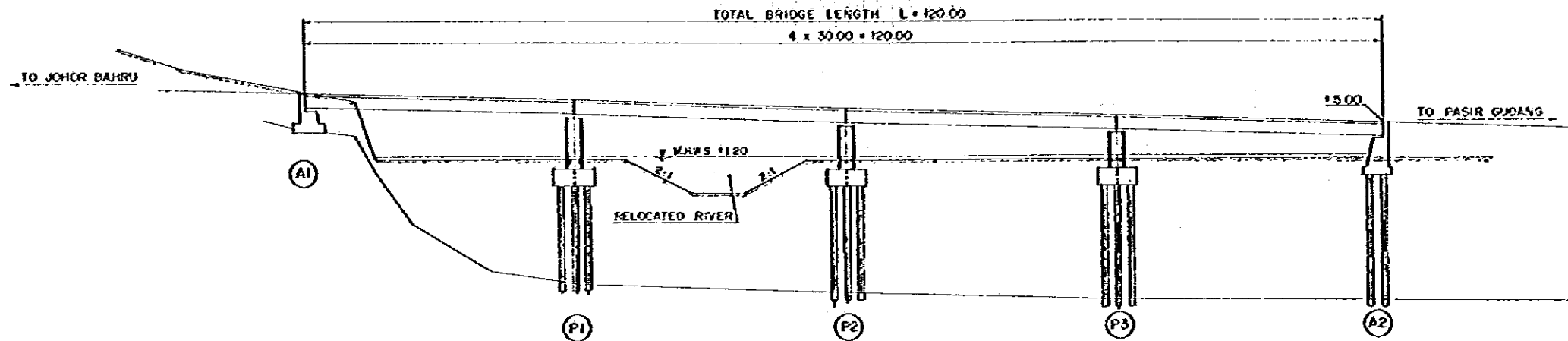
CROSS SECTION 1:200

CROSS SECTION 1:200

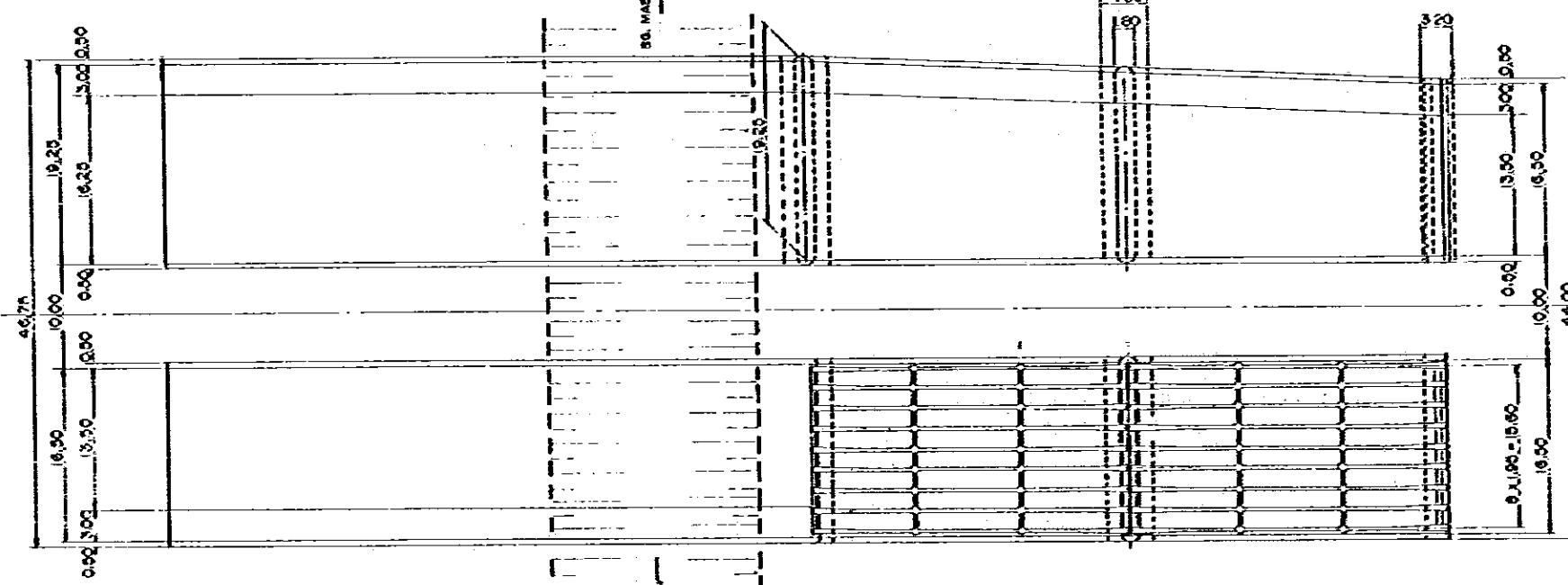


| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|-----------------------------|------------------------------------|-------|-------------|
| JB PG SOUTHERN LINK ROAD | MASAI RIVER BRIDGE GENERAL VIEW | | 32 |

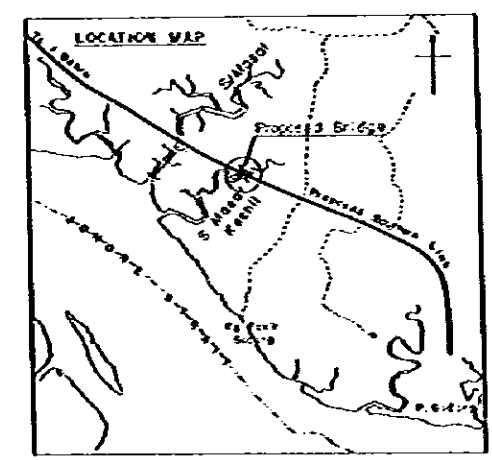
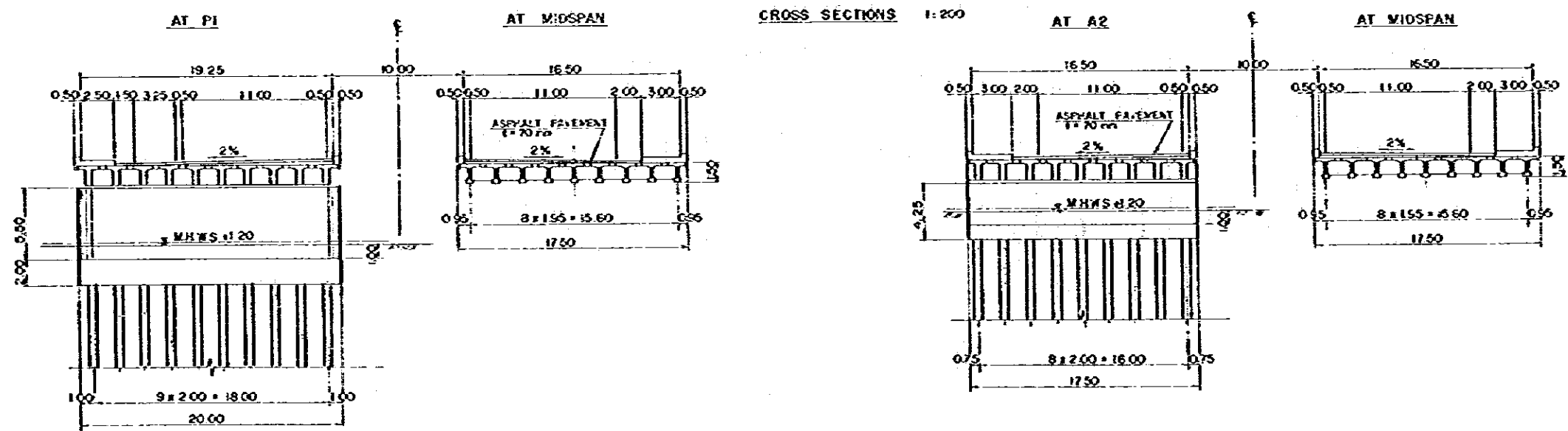
GENERAL VIEW 1:300



PLAN 1:300



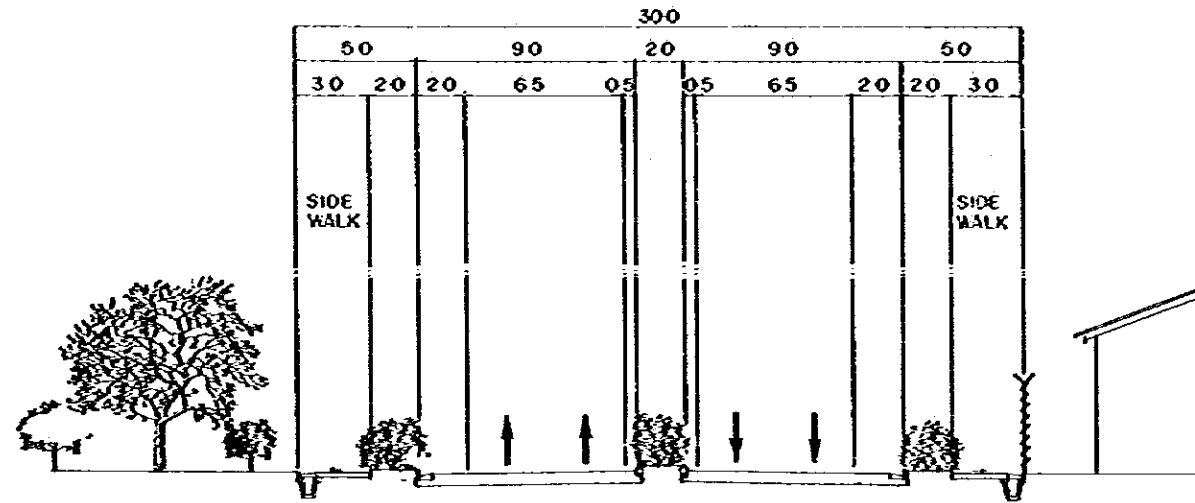
CROSS SECTIONS 1:200



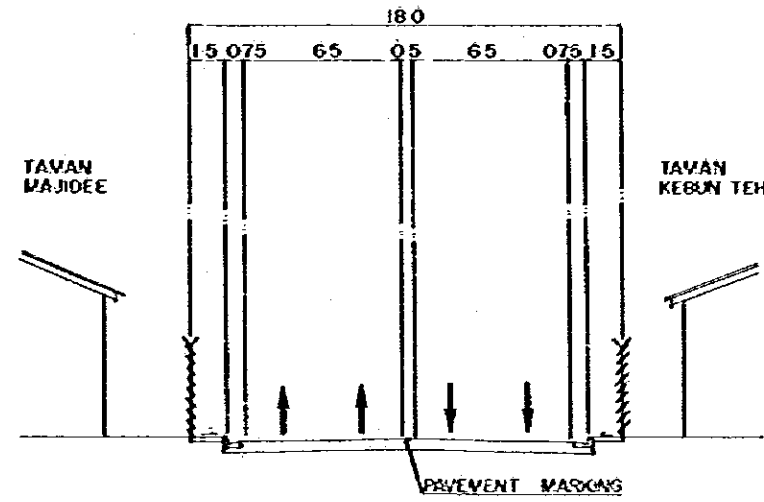
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|-------------------------------|--|-------|-------------|
| J.B-P.G SOUTHERN LINK ROAD | MASAI KECIL RIVER BRIDGE GENERAL VIEW | | 33 |

SOUTHERN LINK EXTENSION

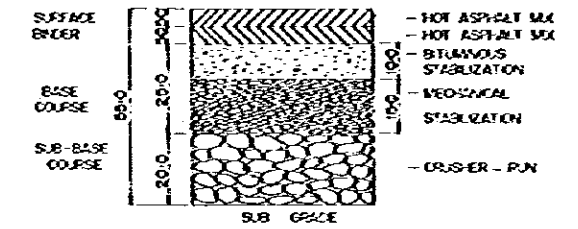
FINAL STAGE NORMAL SECTION



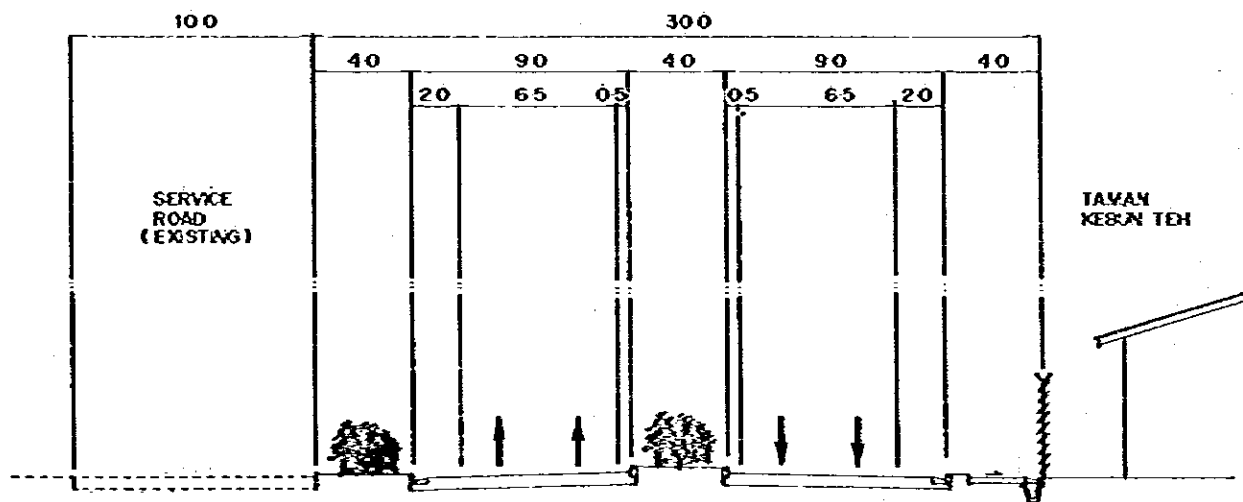
FIRST STAGE NORMAL SECTION



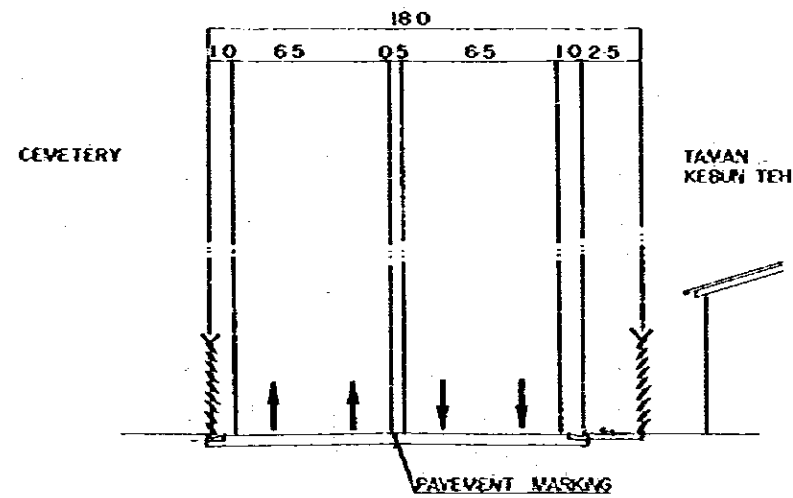
CARRIAGE WAY



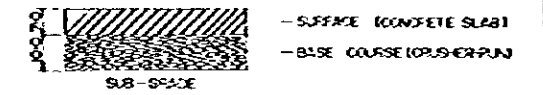
TAMAN KEBUN TEH SECTION



NEAR CEMETERY SECTION

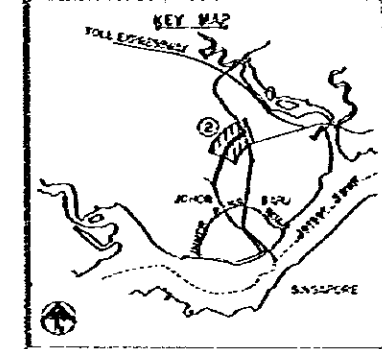
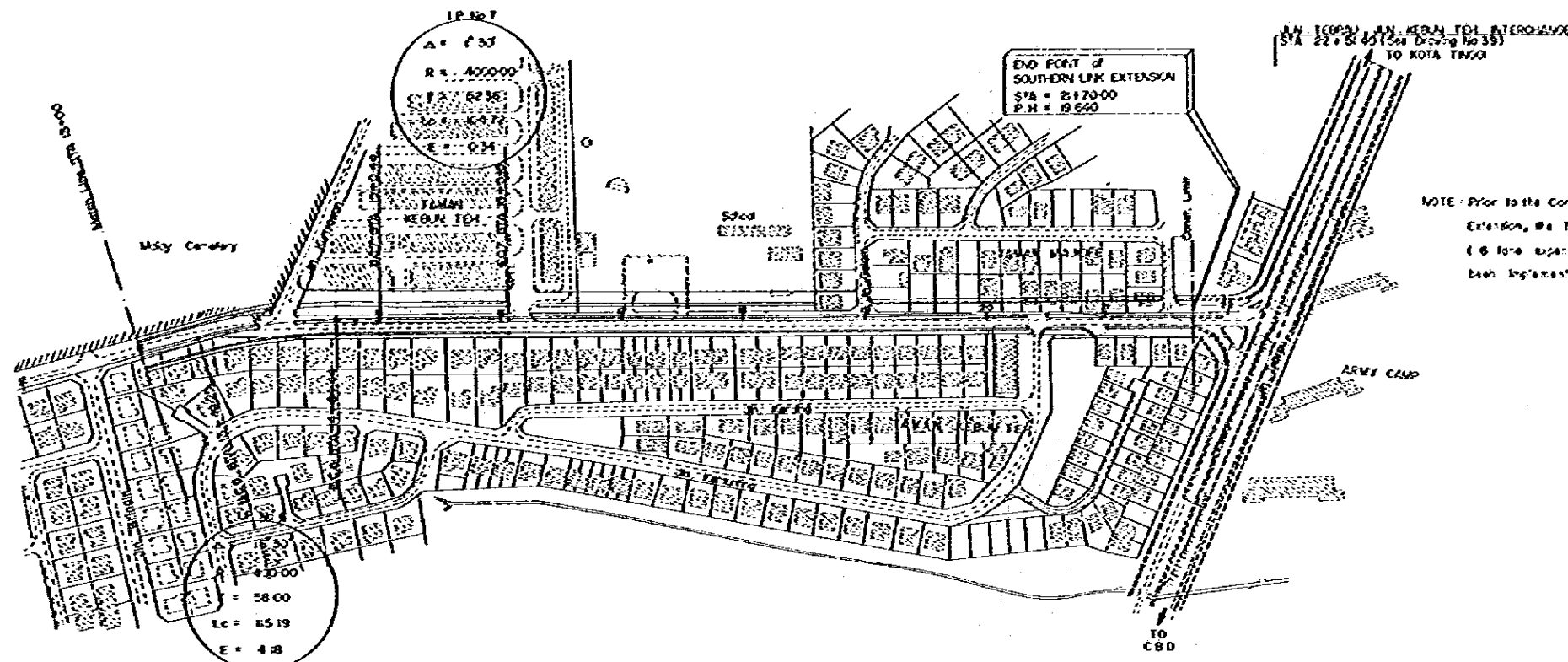


SIDE-WALK



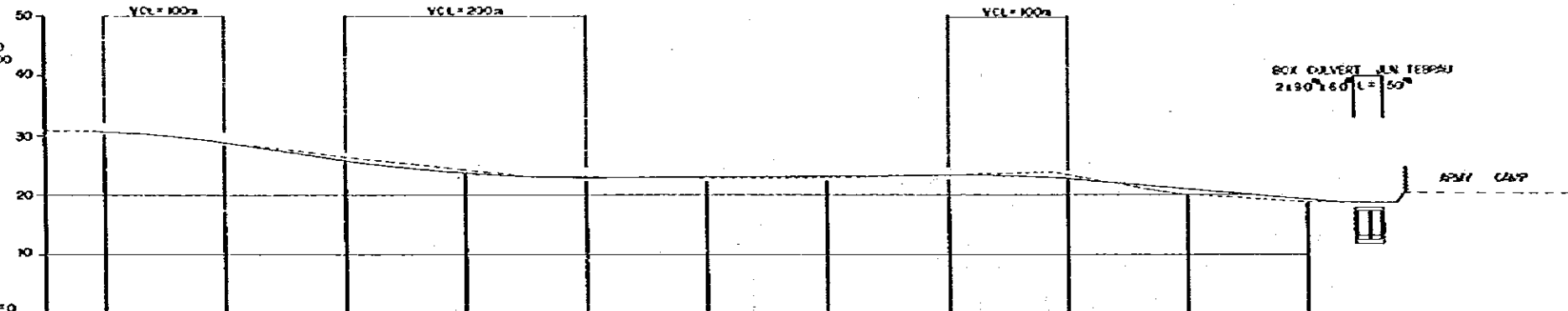
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|-------------------------|-----------------------|-------|-------------|
| SOUTHERN LINK EXTENSION | TYPICAL CROSS-SECTION | | 34 |

PLAN
SCALE 1:2500



NOTE: Prior to the construction of the Southern LNK Extension, the Tebrau Widening Project (6 lane expansion) would have already been implemented by JKR.

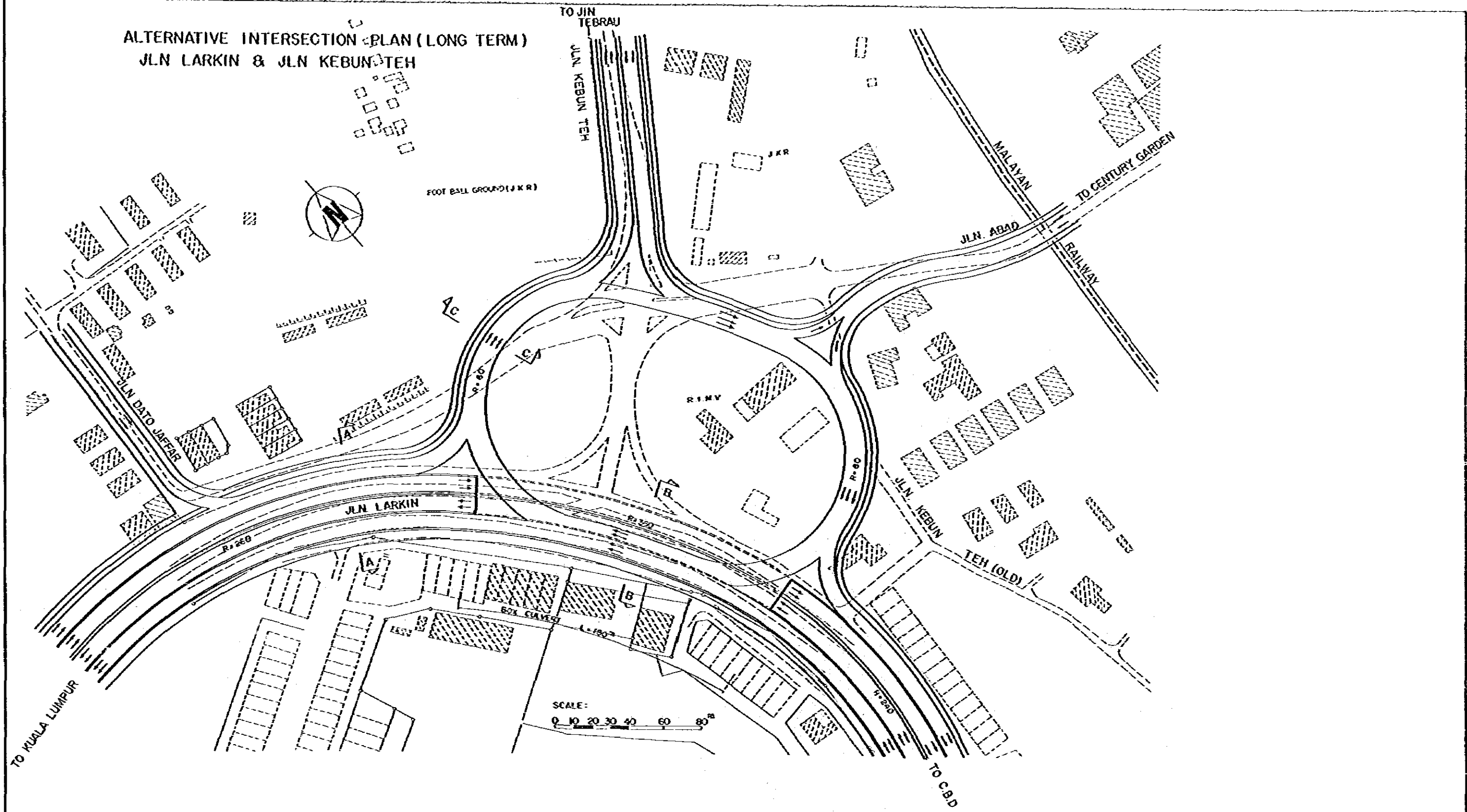
PROFILE
SCALE: V:1:50
H:1:2500



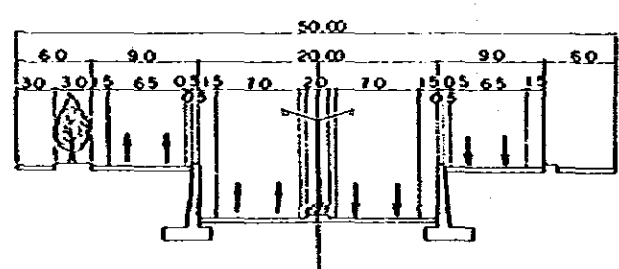
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|-------------------------|--|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|
| PROPOSED HEIGHT (m) | 30.400 | 30.820 | 29.600 | 29.400 | 22.900 | 23.100 | 23.300 | 23.000 | 22.700 | 20.900 | 19.400 |
| EMBANKMENT HEIGHT (m) | | | | | | 0.1 | 0.3 | | 0.2 | 1.1 | 0.7 |
| CUTTING DEPTH (m) | 0.1 | | 0.7 | 0.9 | 0.1 | | | | | | |
| GROUND HEIGHT (m) | 30.5 | 29.6 | 29.4 | 29.4 | 23.0 | 23.0 | 23.0 | 23.0 | 22.5 | 19.8 | 19.4 |
| ACCUMULATE DISTANCE (m) | 12000 | 13000 | 1349.20 | 14000 | 15000 | 16000 | 17000 | 18000 | 20000 | 24000 | 27000 |
| DISTANCE (m) | 60.00 | 100.00 | 49.20 | 50.70 | 1000.00 | 1000.00 | 1000.00 | 1000.00 | 2000.00 | 4000.00 | 3000.00 |
| STATION | 12 | 13 | EC 6 | 14 | EC 5 | EC 7 | 17 | 18 | 20 | 21 | 22 |
| CURVE (m) | $L = 177.20$ $R = 430$ $L = 85.19$ $L = 360$ IP No 7 $L = 544.81$ $R = 4000$ $L = 6172$ IP No 6 | | | | | | | | | | |

| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|------------------------|----------------|-------|-------------|
| SOUTHERN LNK EXTENSION | PLAN & PROFILE | 2/2 | 36 |

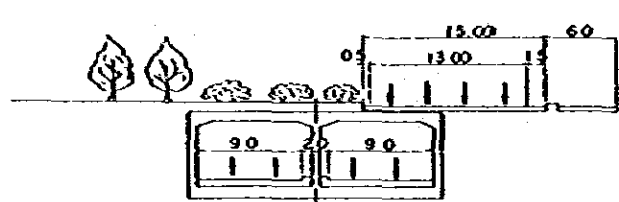
ALTERNATIVE INTERSECTION PLAN (LONG TERM)
JLN LARKIN & JLN KEBUNTEH



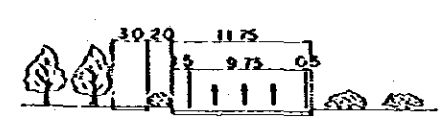
SECTION A-A S=1:300



SECTION B-B S=1:300



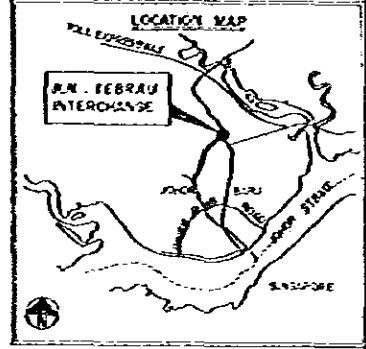
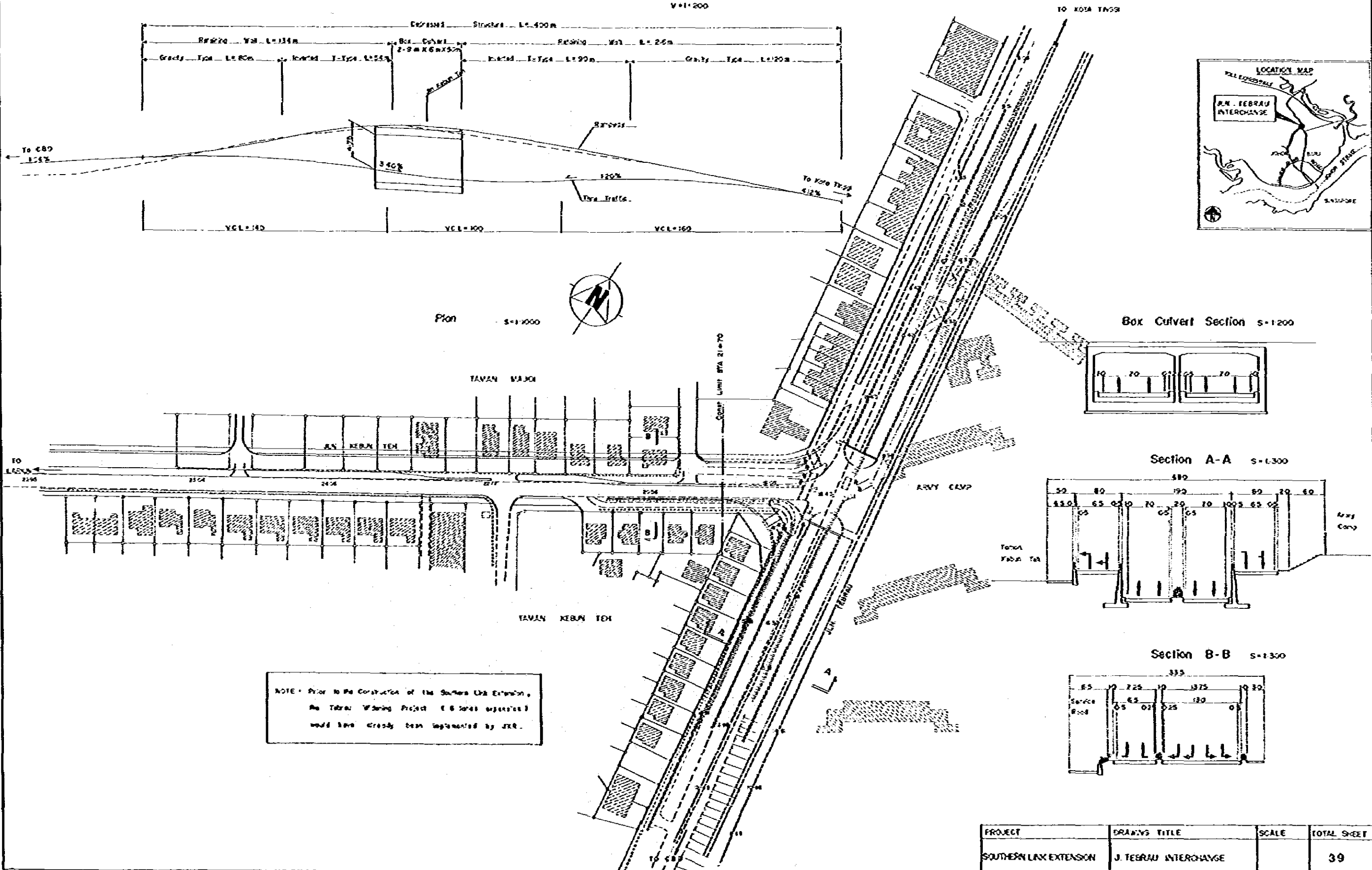
SECTION C-C S=1:300



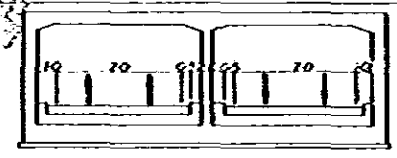
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|-------------------------|-------------------------------------|-------|-------------|
| SOUTHERN LINK EXTENSION | J. LARKIN INTERCHANGE (ALTERNATIVE) | | 38 |

Jn. Tebrau Profile

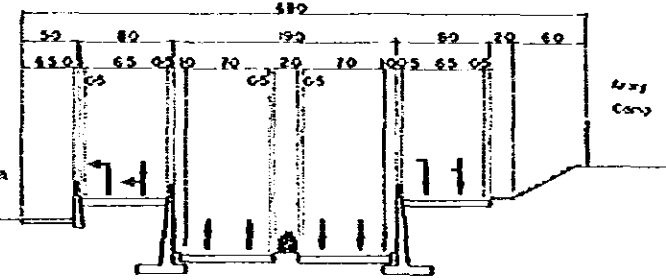
S H=1:1000
V=1:200



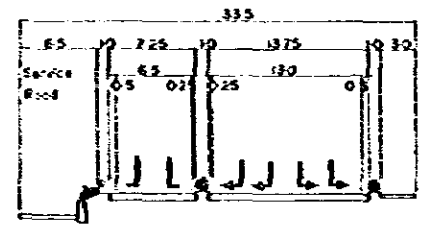
Box Culvert Section s=1:200



Section A-A s=1:300



Section B-B s=1:300

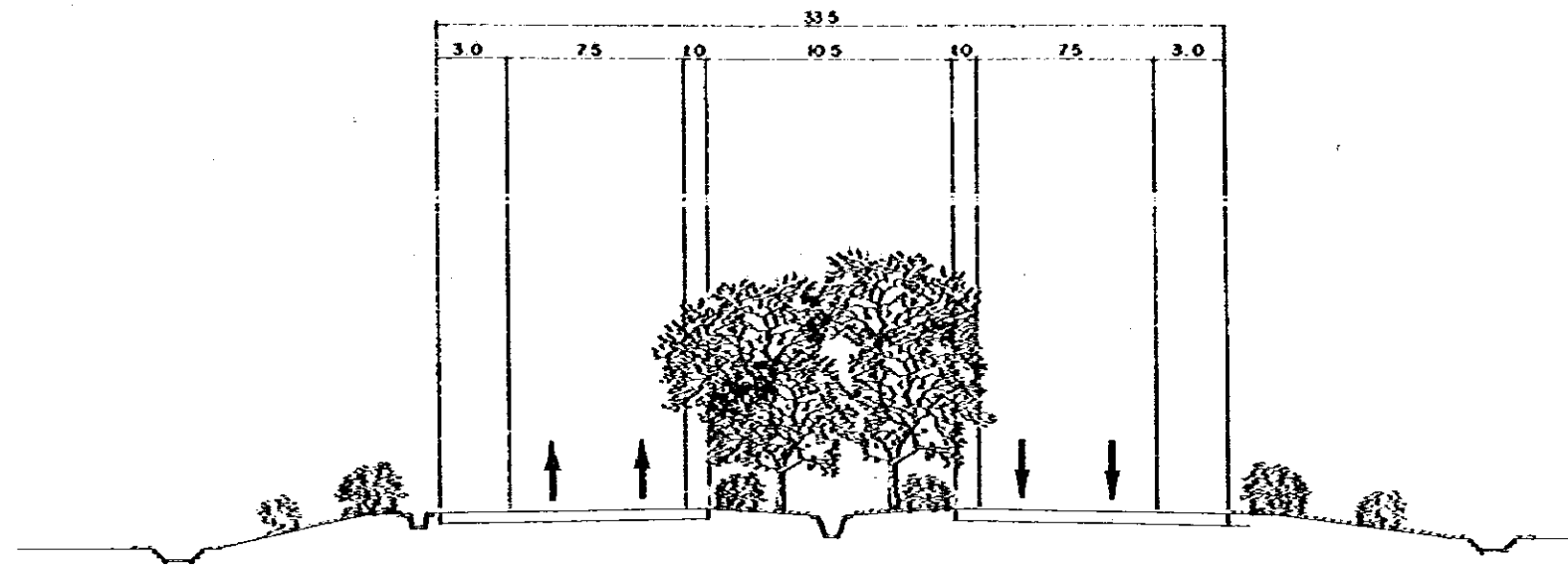


NOTE: Prior to the construction of the Southern Link Extension, the Tebrau Winding Project (E & J) would have already been implemented by JKR.

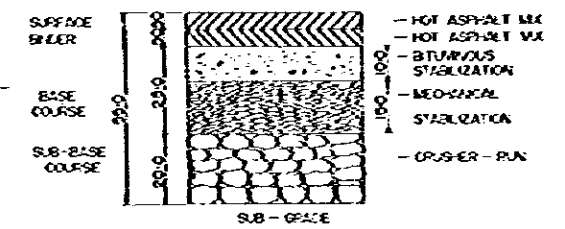
| PROJECT | DRAWING TITLE | SCALE | TOTAL SHEET |
|-------------------------|-----------------------|-------|-------------|
| SOUTHERN LINK EXTENSION | J. TEBRAU INTERCHANGE | | 39 |

TOLL EXPRESS WAY ACCESS

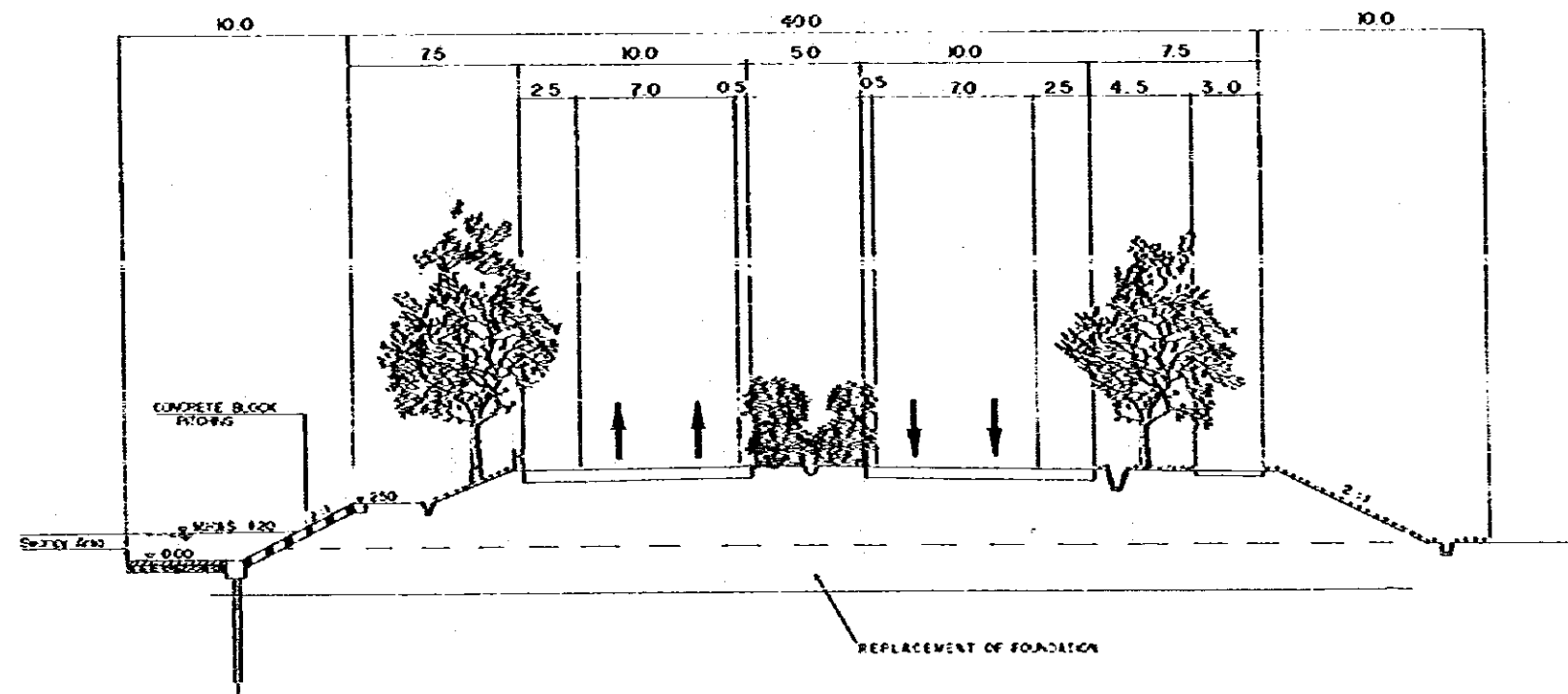
PORT ACCESS — J. PANDAN



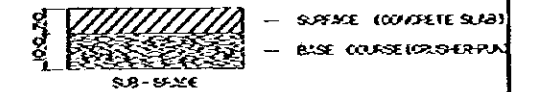
CARRIAGE WAY



J. PANDAN — SOUTHERN LINK



SIDE-WALK



| PROJECT | DRAWINGS TITLE | SCALE | TOTAL SHEET |
|------------------------|-----------------------|-------|-------------|
| TOLL EXPRESSWAY ACCESS | TYPICAL CROSS-SECTION | | 41 |