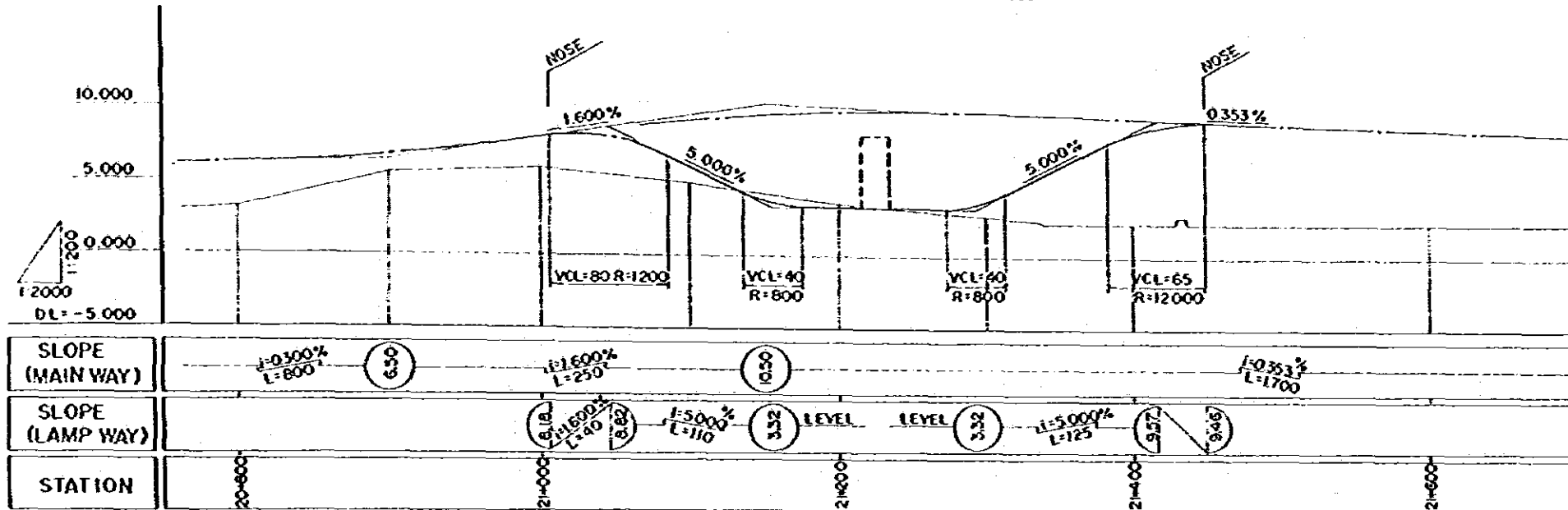


EKALA I.C. GENERAL VIEW

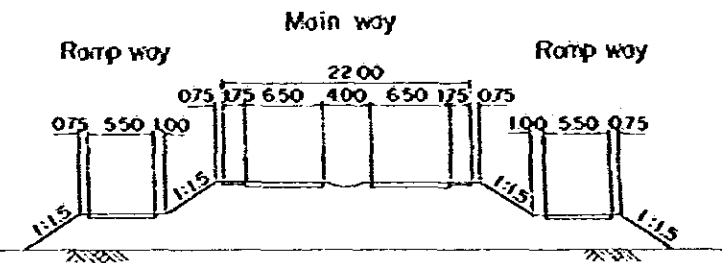
PROFILE

V = 1:200
H = 1:2000



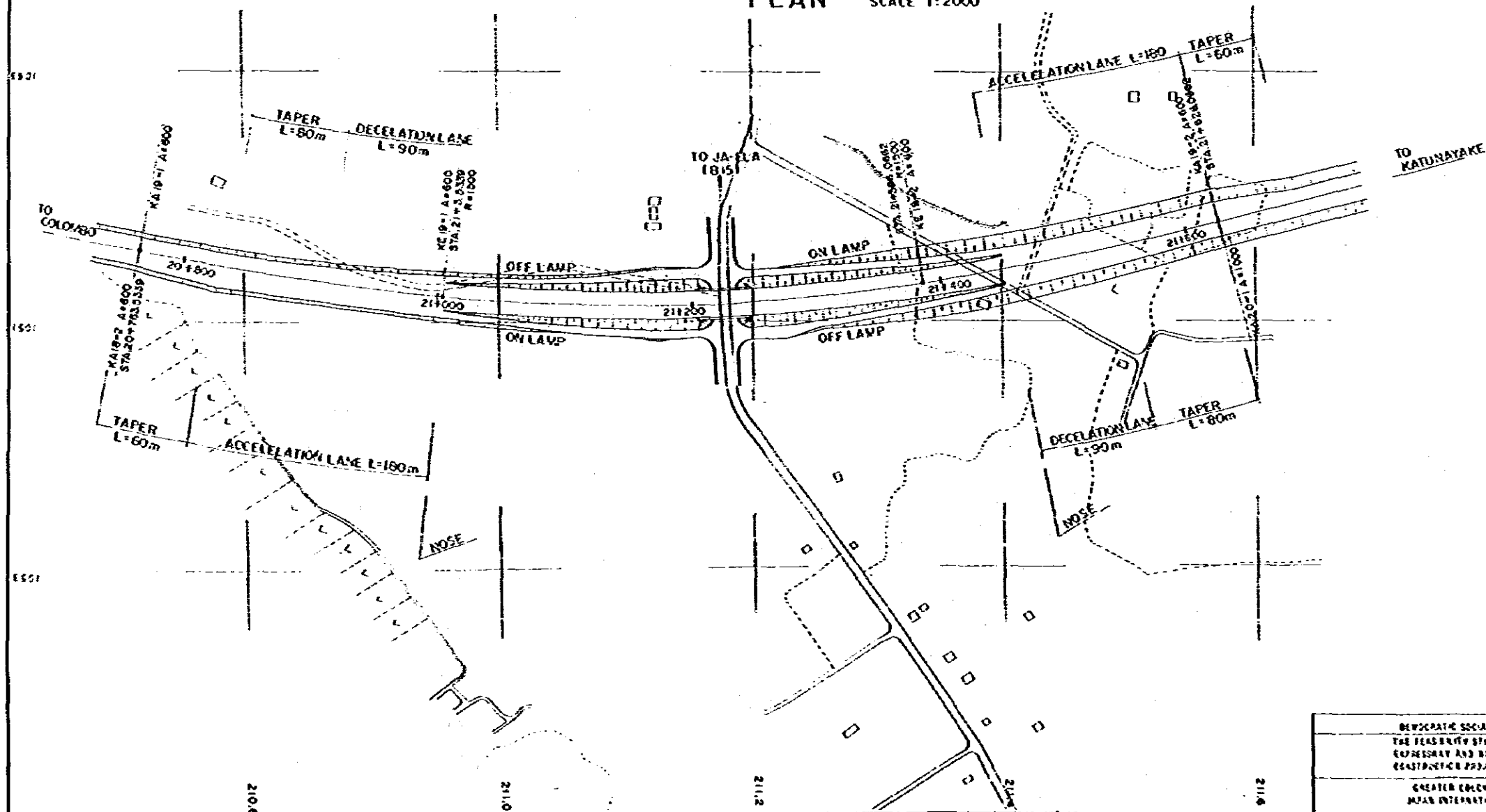
CROSS SECTION

SCALE 1:300



PLAN

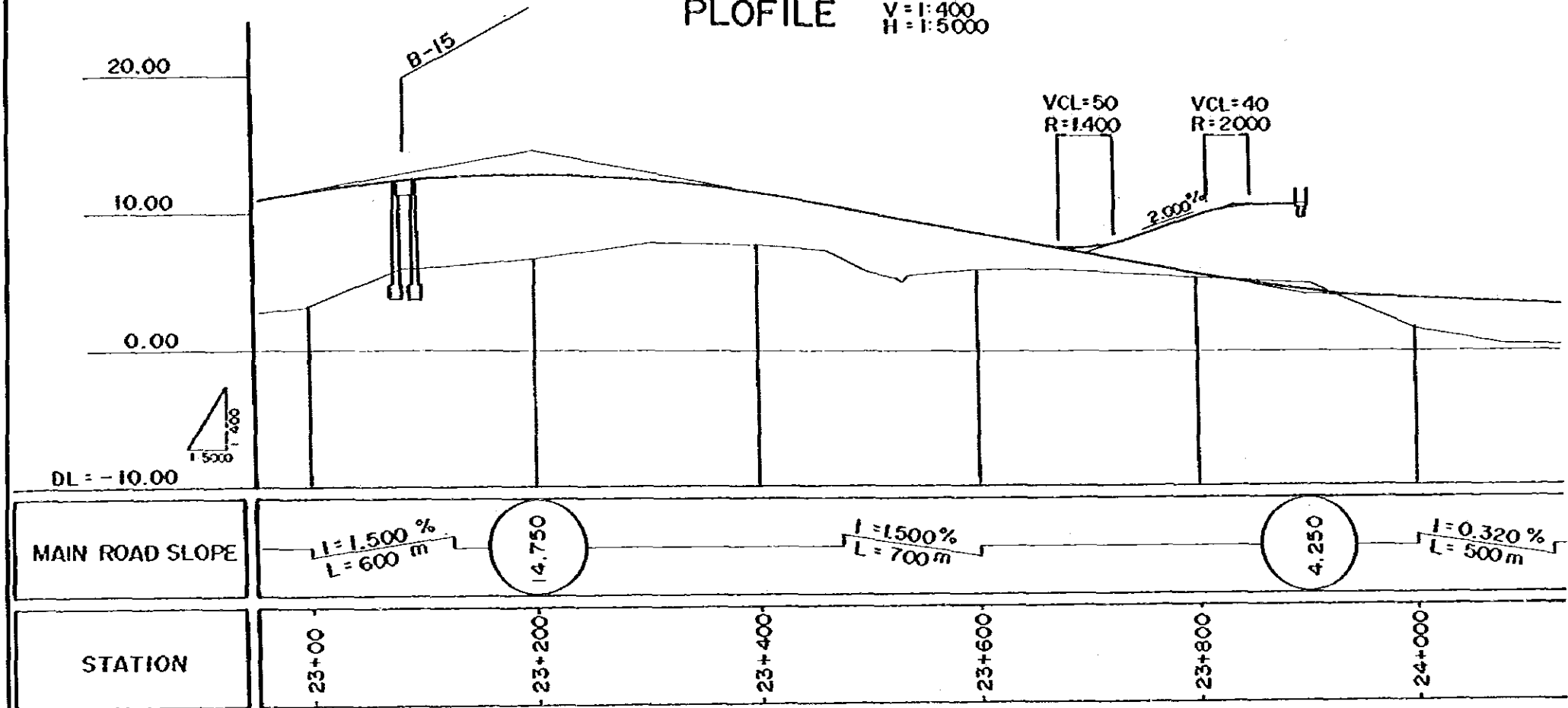
SCALE 1:2000



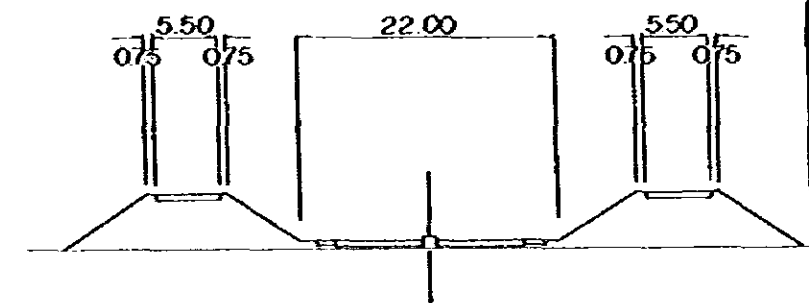
| | | | |
|--|---------|--|-----------------|
| DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO KATUNAYAKE EXPRESSWAY AND NEW PONT ACCESS ROAD CONSTRUCTION PROJECT | | TITLE OF DRAWING EKALA I.C. GENERAL VIEW (FULL MARKED TYPE) | |
| PREPARED | CHECKED | APPROVED DATE: JANUARY 1984 | SHEET NO. 38 |

KOTUGODA I.C. GENERAL VIEW PROFILE

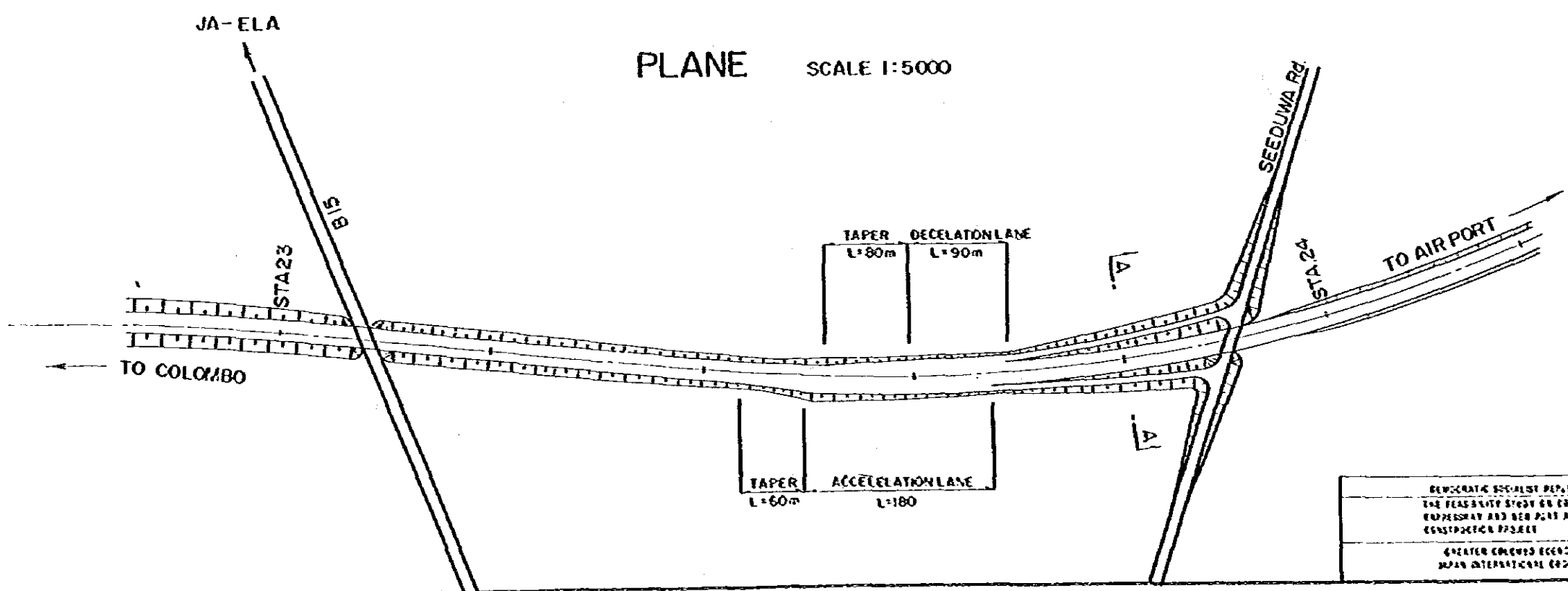
V: 1:400
H: 1:5000



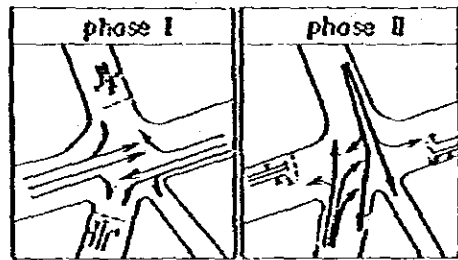
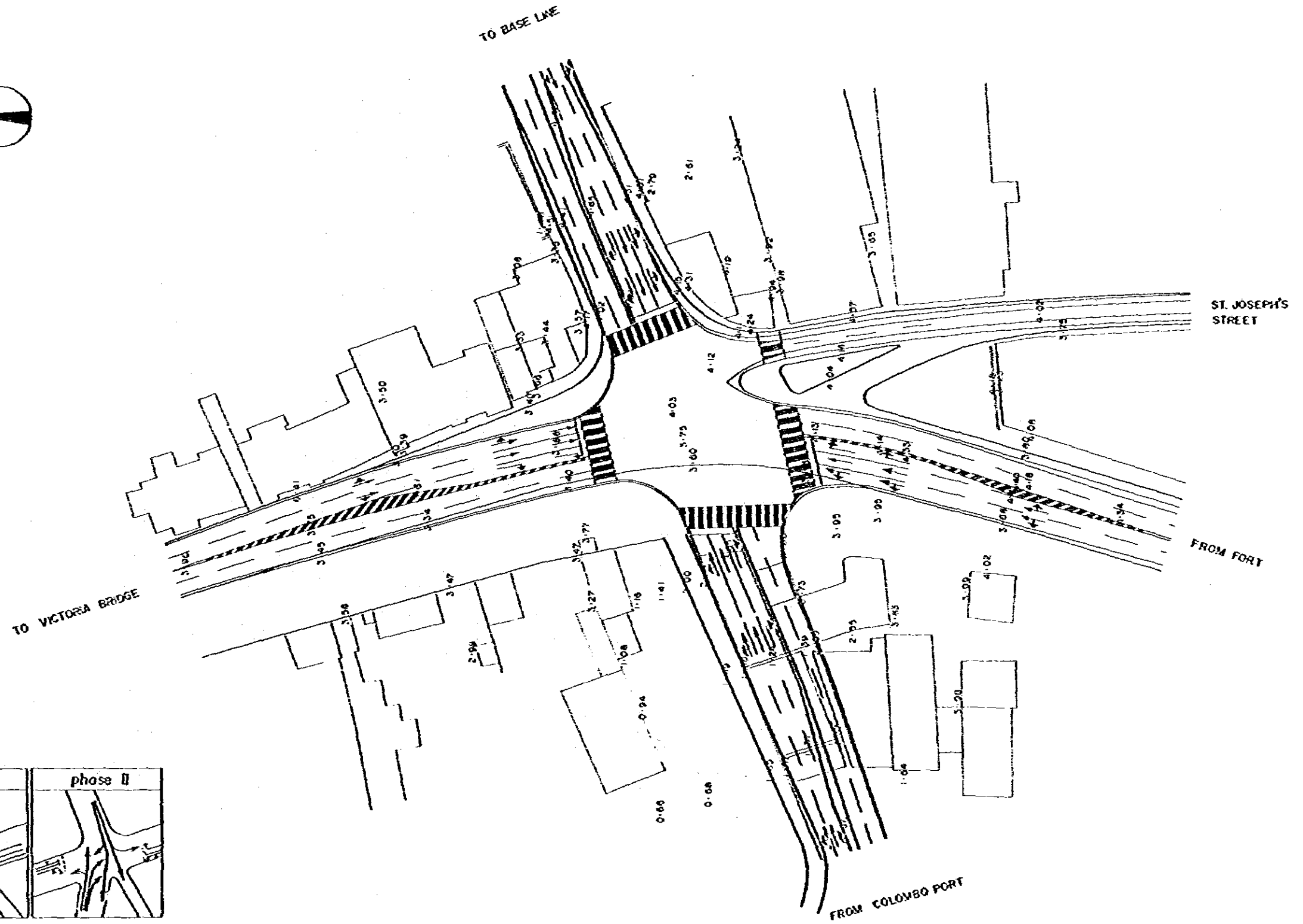
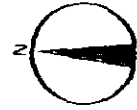
CROSS SECTION (A-A) SCALE 1:600



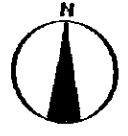
PLANE SCALE 1:5000



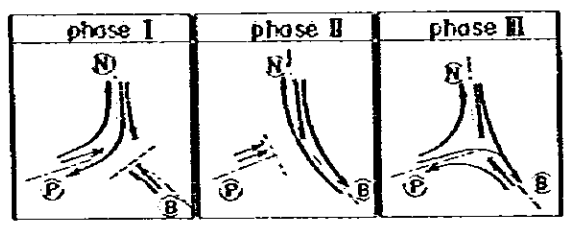
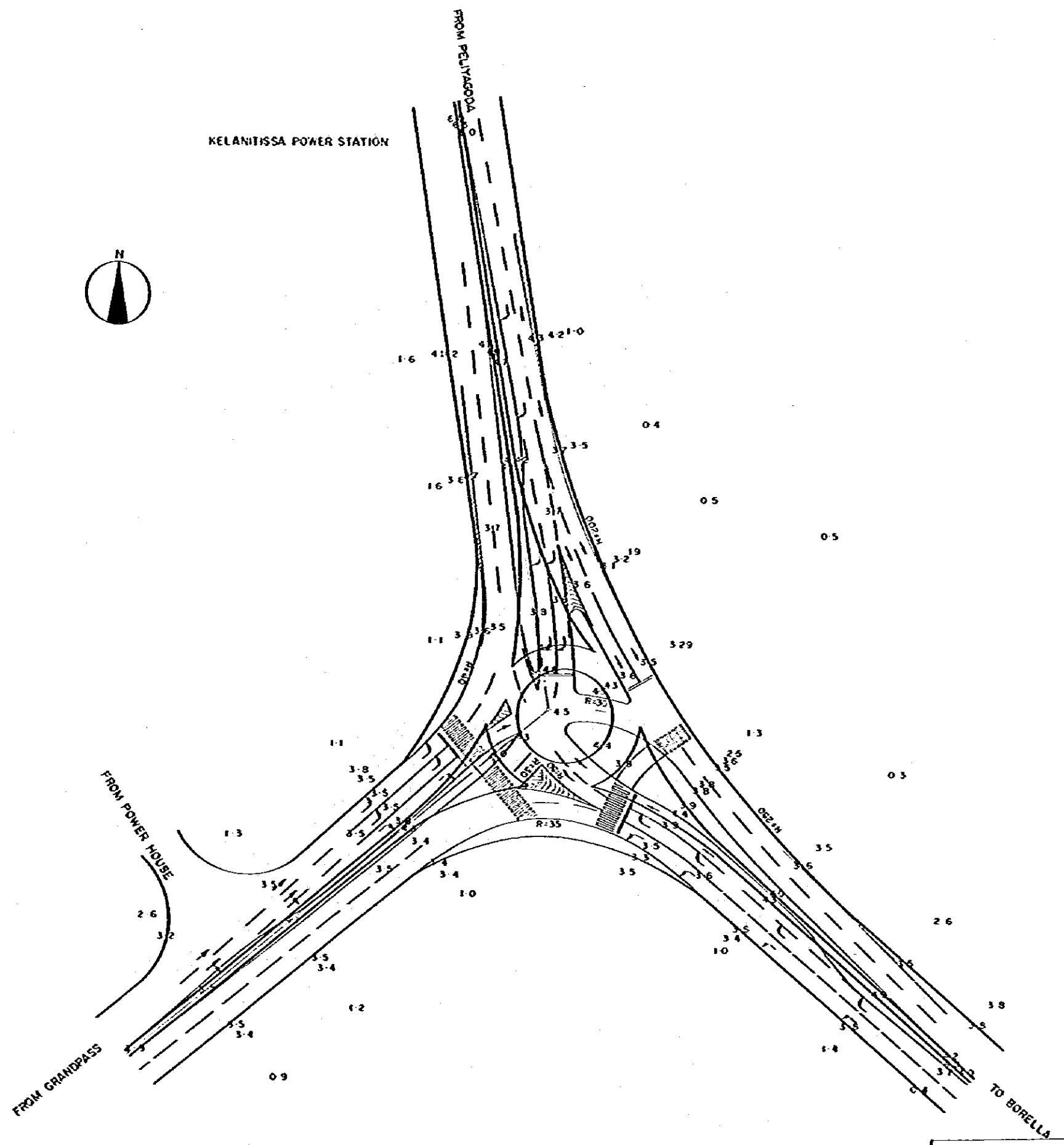
| | |
|---|---|
| DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO WATERWAY IMPROVEMENT AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT | TITLE OF DRAWING KOTUGODA I.C. GENERAL VIEW (SCALE 1:5000) |
| GREATER COLOMBO REGIONAL COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY | PREPARED CHECKED APPROVED DATE: JAN/JULY 1984 SHEET NO. 39 |



| | | | |
|--|--|---|-------------------------------|
| DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO NATIONAL EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PHASE I | | TITLE OF DRAWING PEACE OF WALES JUNCTION DETAIL PLAN | |
| GREATER SRI LANKA ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY | | PREPARED CHECKED | APPROVED DATE JANUARY 1984 |
| | | ENG 43 | 40 |

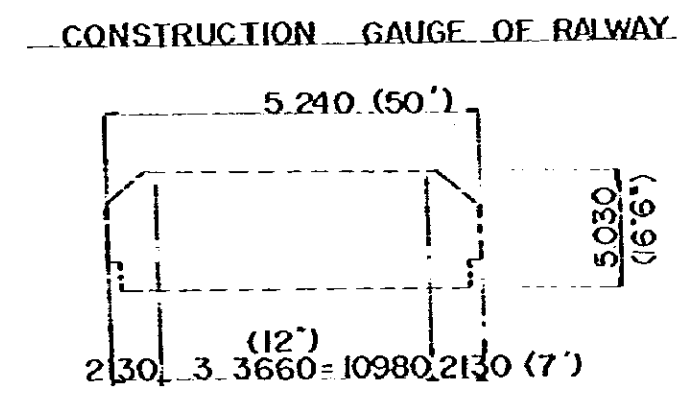
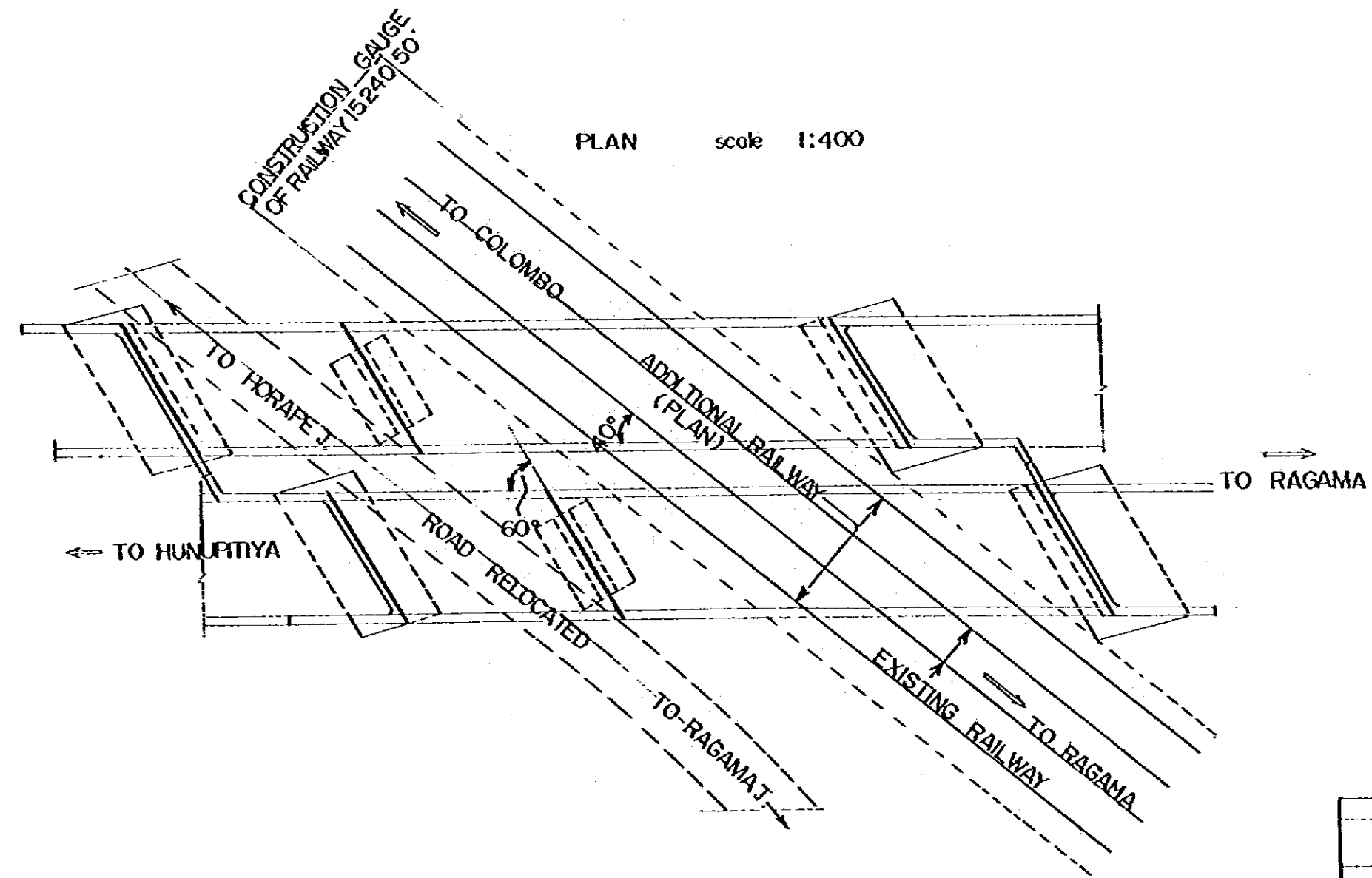
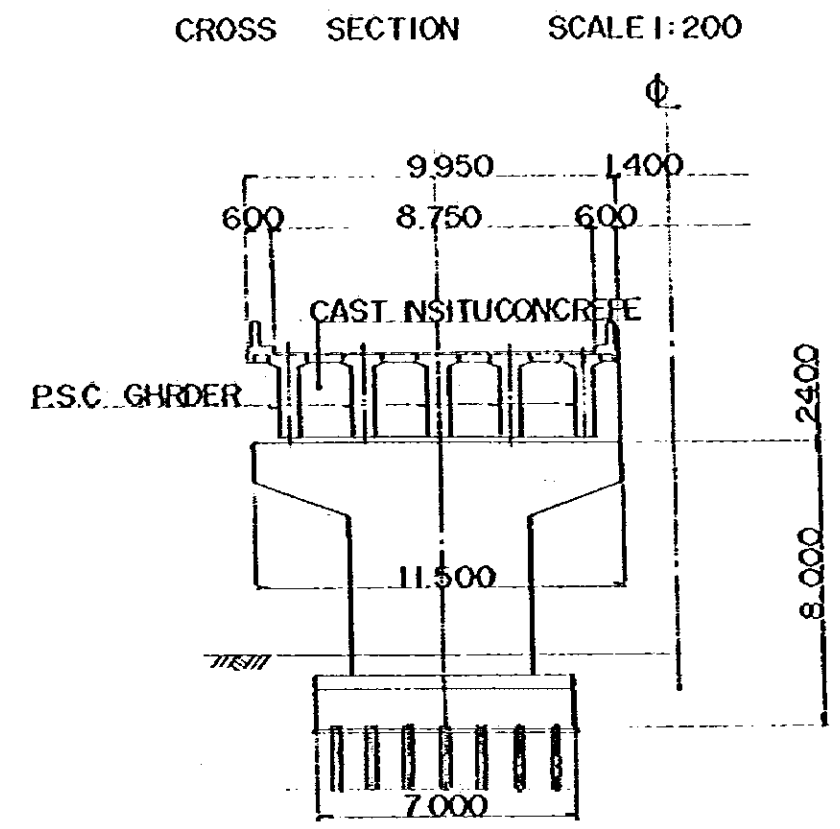
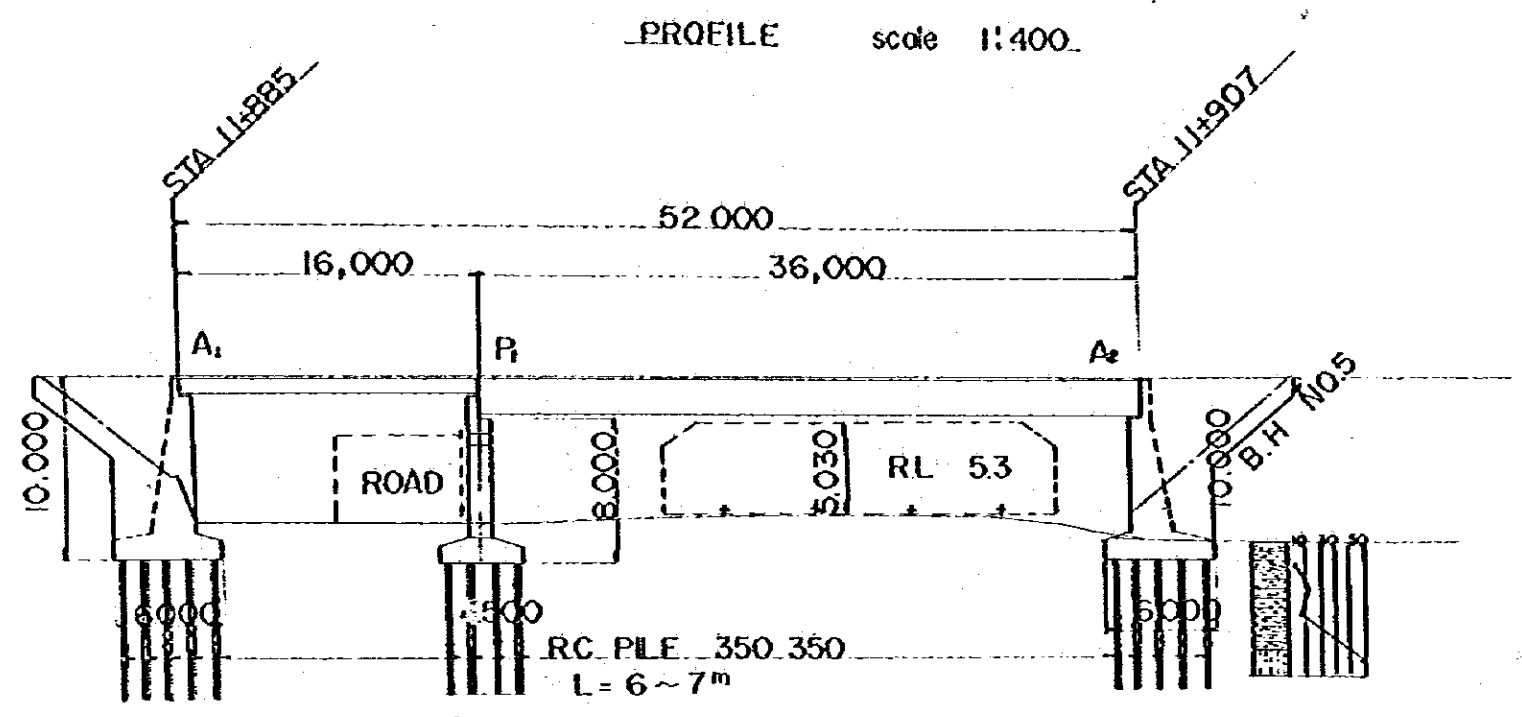


KELANITISSA POWER STATION



| | |
|--|-------------------|
| | New Kerani Bridge |
| | Base Line |
| | Price of Water |

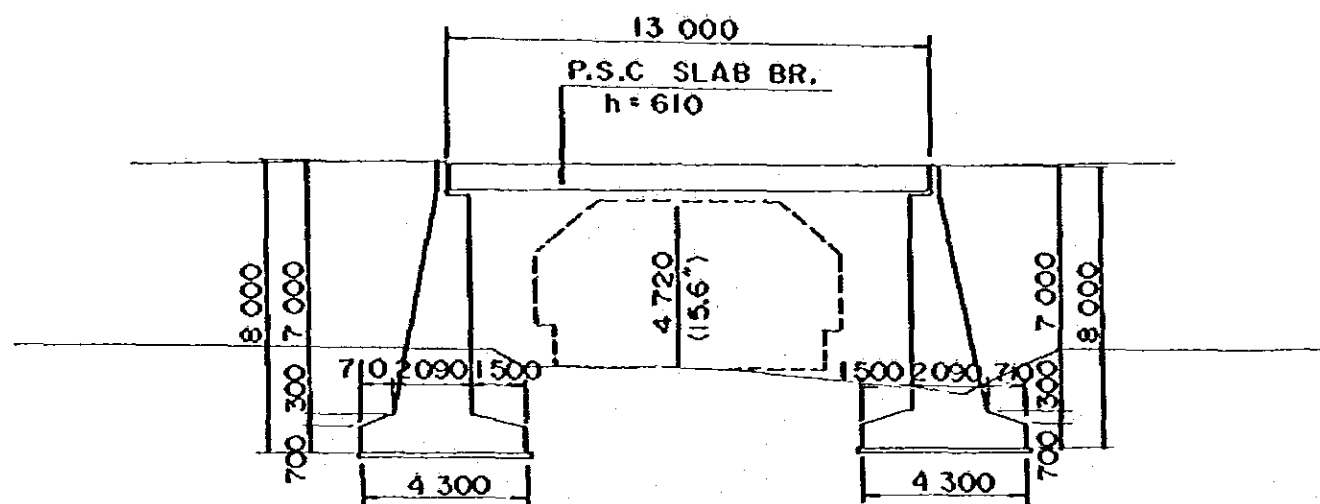
| | | | |
|---|------------------|---|----------------|
| DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE ROAD DEVELOPMENT STUDY ON COLONIAL INFRASTRUCTURE ENHANCEMENT AND NEW PUNE ACCESS ROAD CONSTRUCTION PROJECT | | TITLE OF DRAWING BASE LINE SECTION DETAIL PLAN | |
| PREPARED CHECKED | APPROVED DATE | JANUARY 1984 | DWG. NO. 41 |
| GREATER COLUMBO REGIONAL COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY | | | |



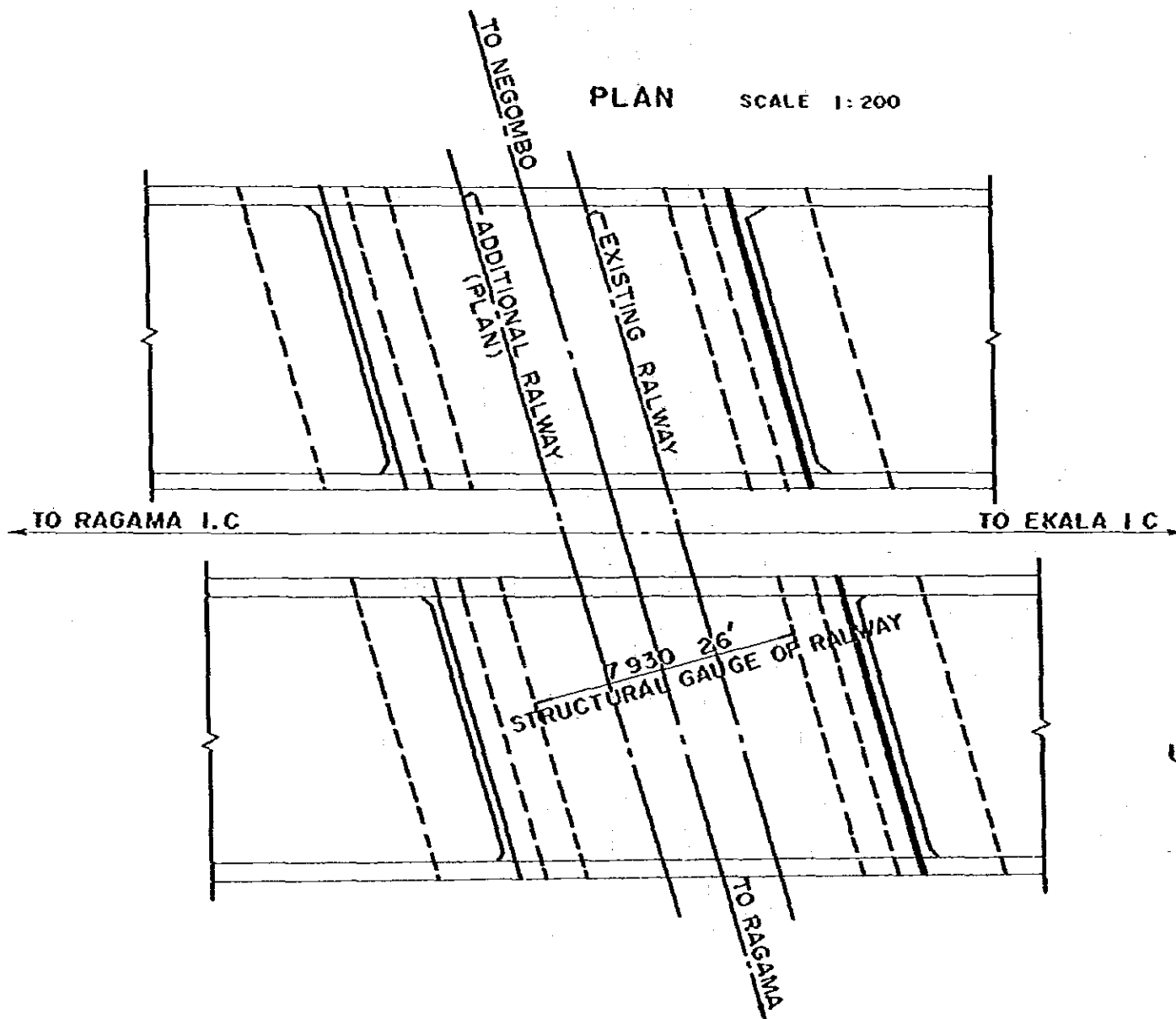
ESTIMATE OF QUANTITIES PER ONE WAY

| ITEM | UNT | QUANTITIES | REMARKS |
|----------------|---------------------|----------------|---------|
| superstructure | L = 36 ^m | M ³ | 315 |
| | L = 16 ^m | M | 140 |
| substructure | CONCRETE | M ³ | 685 |
| | FORM | M ² | 740 |
| | REINFORCEMENT | Kg | 54,800 |
| PILE | M | 830 | |

PROFILE SCALE 1:200

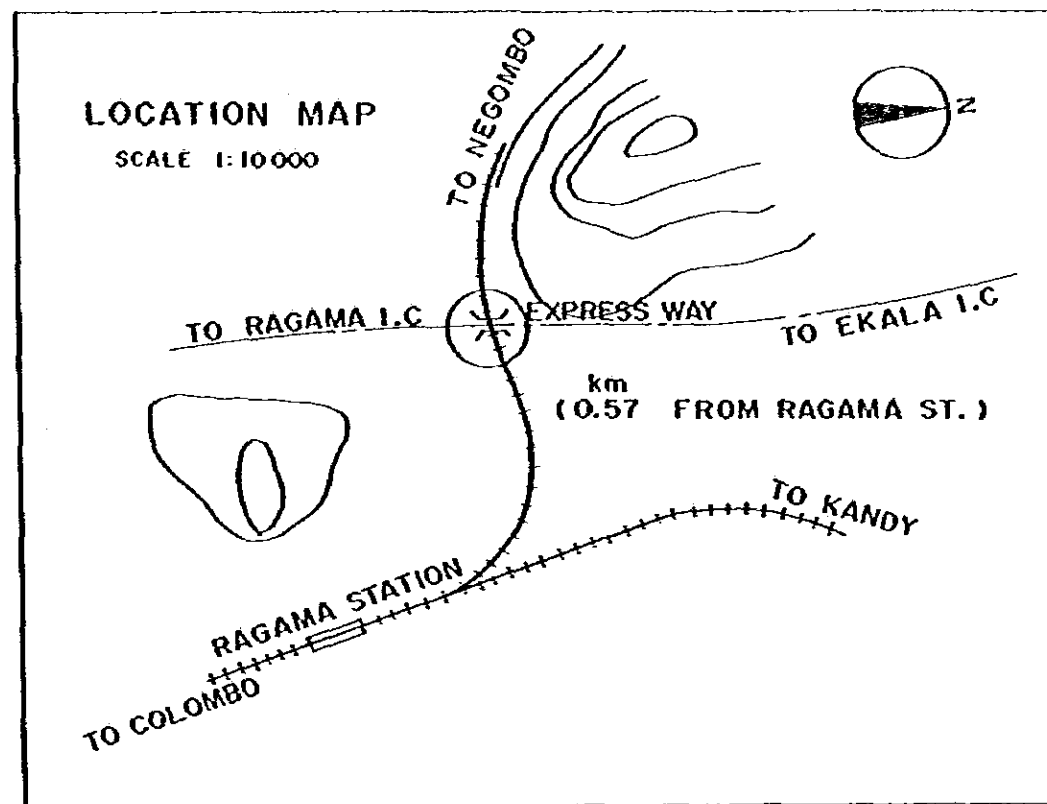


PLAN SCALE 1:200

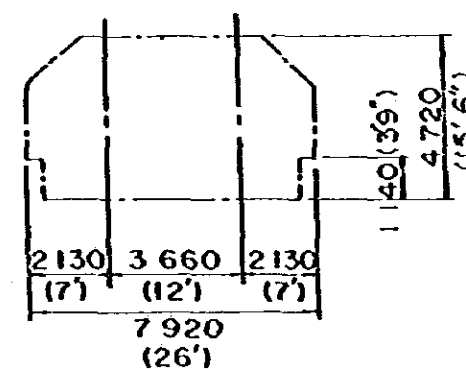


LOCATION MAP

SCALE 1:10,000



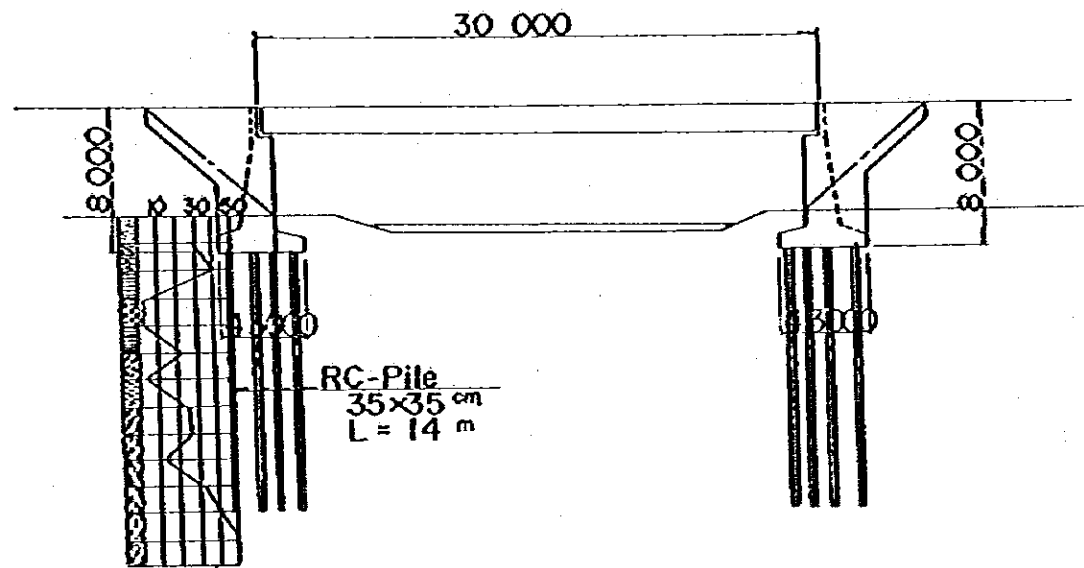
CONSTRUCTION GAUGE OF RAILWAY



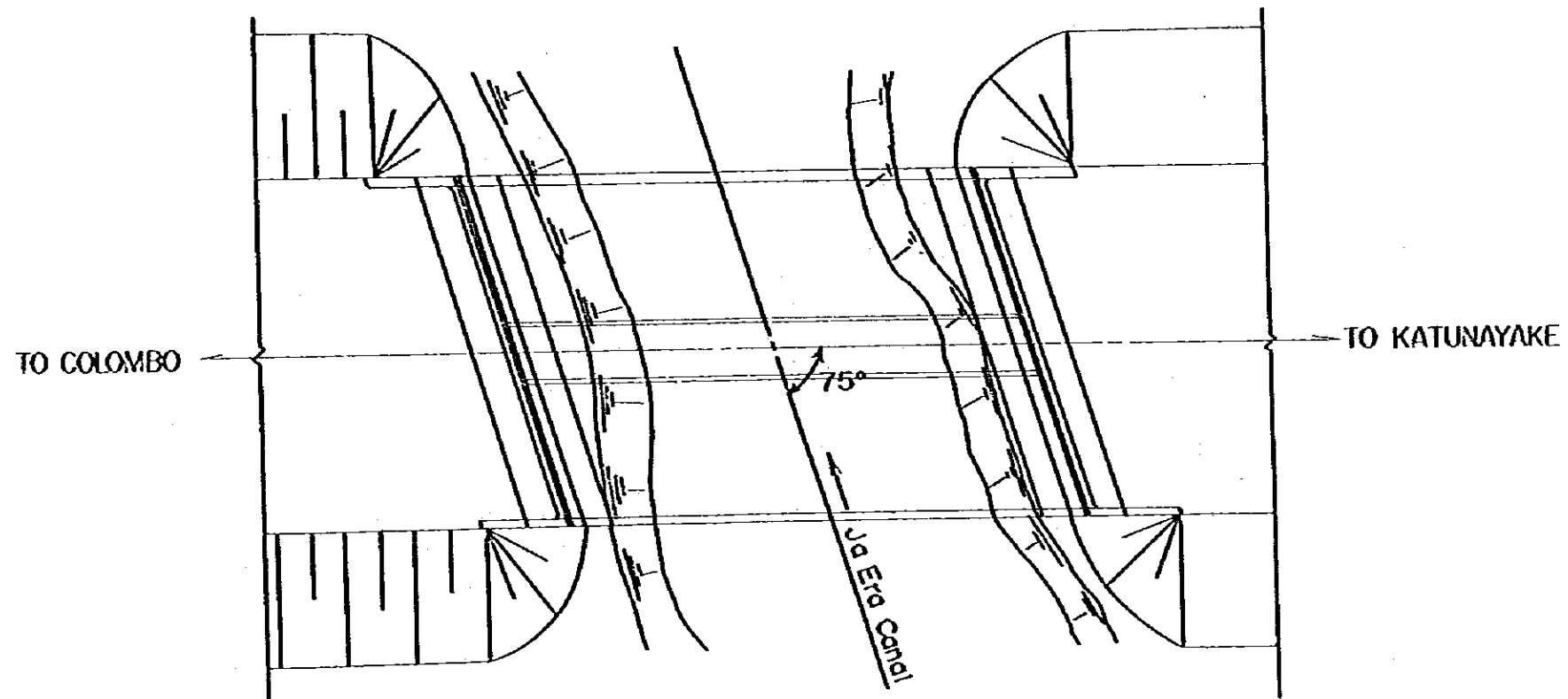
Unit : m

| | | | |
|---|-------------------------------|---|--|
| DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO RAILWAY EXPRESSWAY AND NEW ROAD ACCESS ROAD CONSTRUCTION PROJECT | | TITLE OF DRAWING GENERAL PLAN OF RAILWAY FLYOVER NEAR RAGAMA ST. | |
| PREPARED CHECKED | APPROVED DATE JANUARY 1984 | SHEET NO. 43 | |

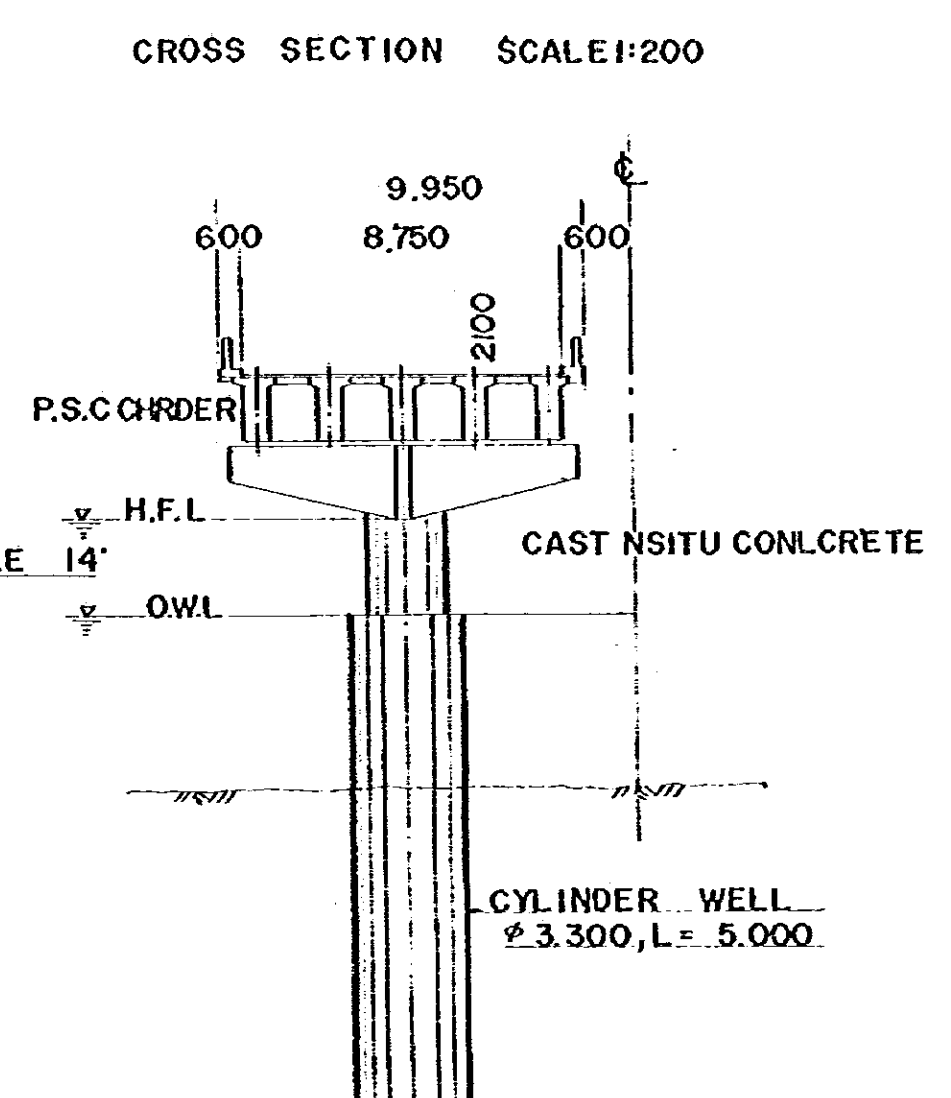
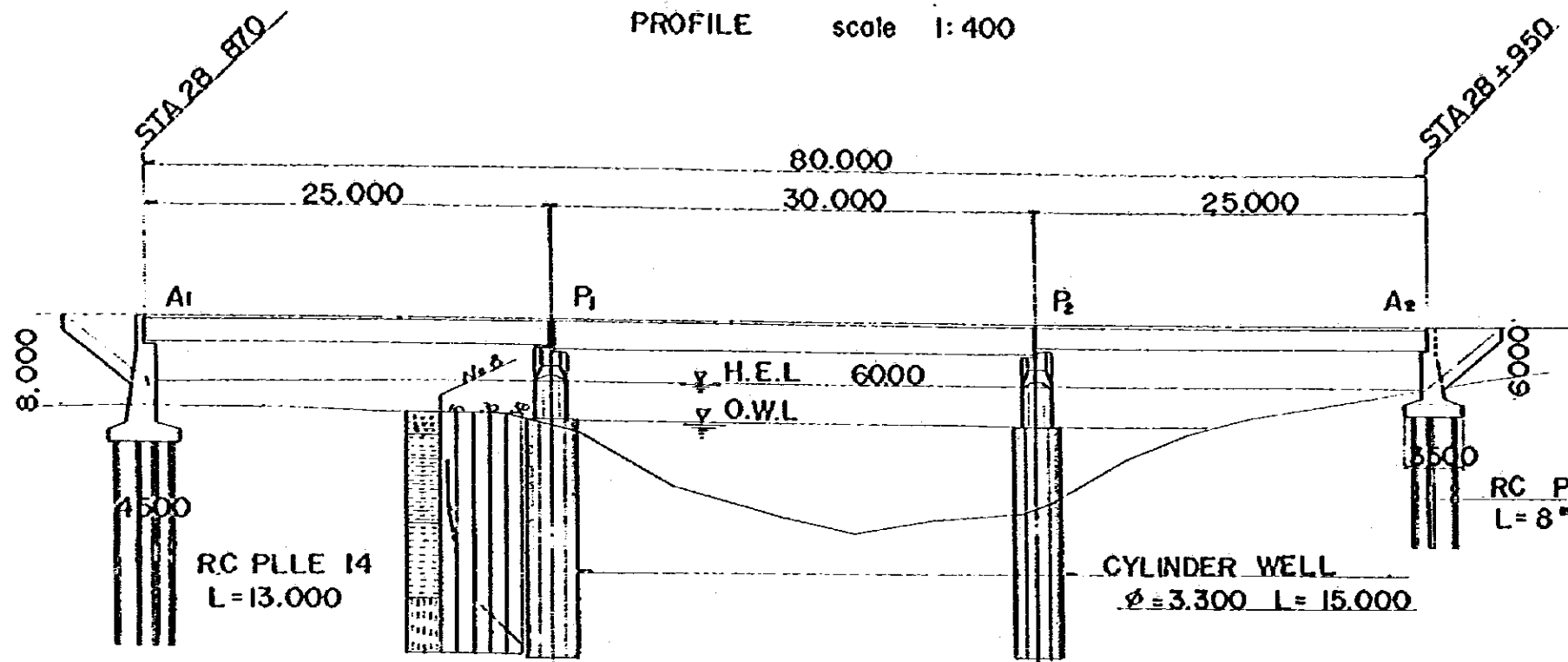
PROFILE Scale 1: 400



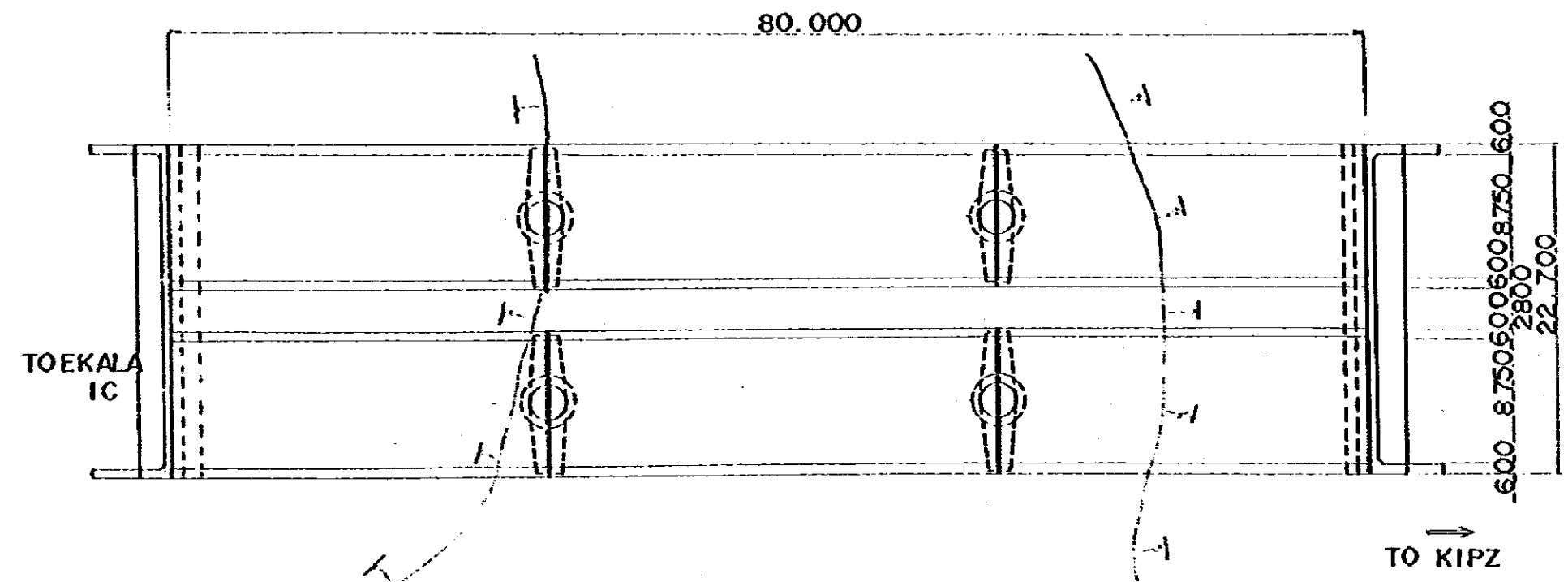
PLAN Scale 1: 400



| | | | |
|--|---------|-------------------------------------|---------------|
| DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA | | TITLE OF DRAWING | |
| THE FEASIBILITY STUDY ON COLEMSHATUNAYAKE EXPRESSWAY AND NEW PONT ACCESS ROAD CONSTRUCTION PROJECT | | GENERAL PLAN OF INDIAN CANAL BRIDGE | |
| PREPARED BY GREATER COLOMBO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY | CHECKED | APPROVED DATE JANUARY 1984 | DWG NO. 44 |



PLAN scale 1:400

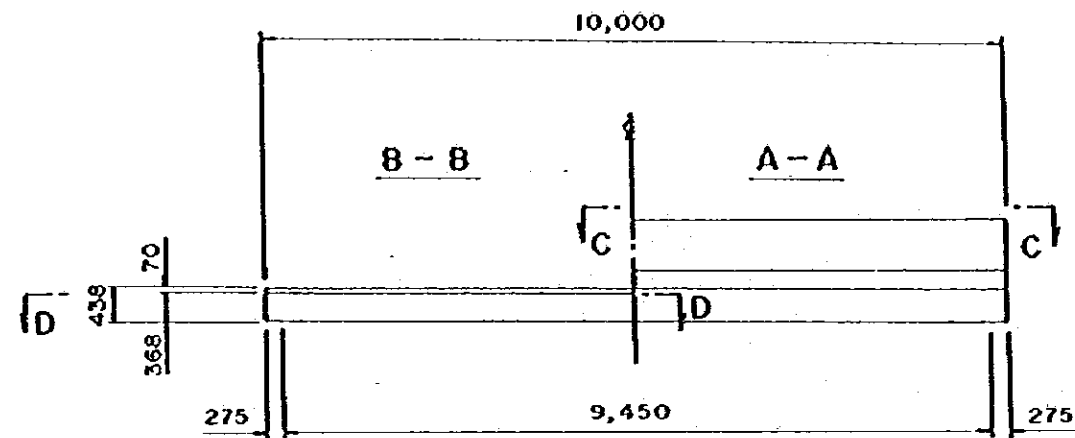


ESTIMATE OF QUANTITIES PER ONE WAY

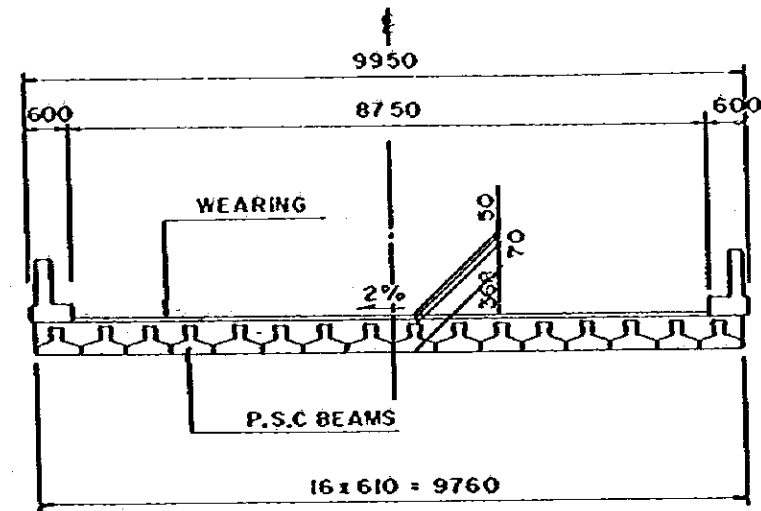
| ITEMS | UNIT | QUANTITIES | REMARKS |
|----------------|----------------|------------|------------------|
| SUPERSTRUCTURE | M ³ | 700 | L=30m L=25m 2375 |
| CONCRETE | M ³ | 315 | FOOTING PER 90x5 |
| FORM | M ² | 500 | |
| REINFORCEMENT | | | |
| RC PILE | M | 580 | (350x350) |
| CYLINDER WELL | M | 30 | P=3.300 |
| CUTTING EDGE | NO. | 2 | |
| FORMING ISLAND | NO. | 2 | depth 6m |
| EXCAVATION | M ³ | 400 | |

| | | | |
|---|-------------------------------|---|--|
| DEMOCRATIC SOCIALIST REPUBLIC OF BURUNDI THE FEDERATIVE STATE OF GILWANDA MATARANYA EXPRESSWAY AND NEW PACE ACCESS ROAD CONSTRUCTION PROJECT | | TITLE OF DRAWING GENERAL PLAN OF BRIDGE OVER RIVER | |
| PREPARED CHECKED | APPROVED DATE JANUARY 1984 | DWS 43 45 | |

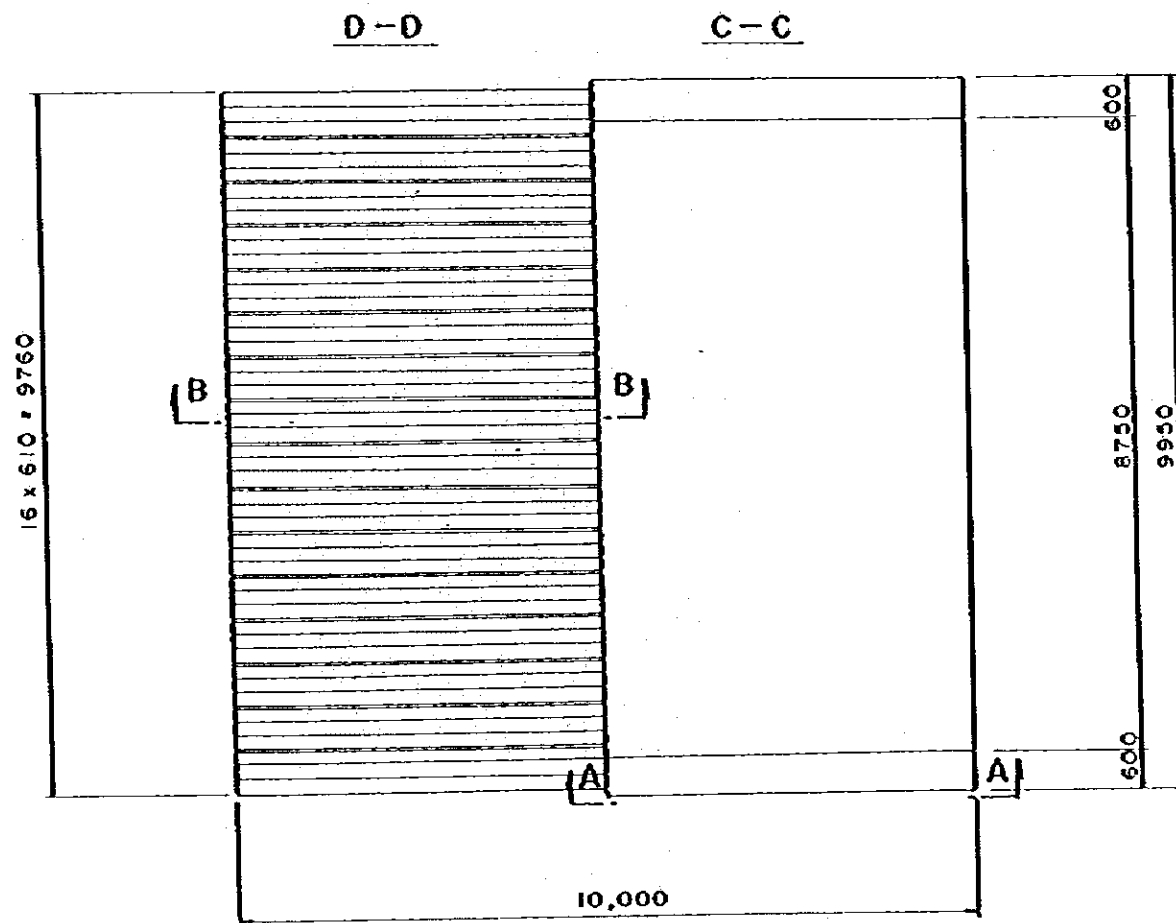
PROFILE SCALE 1:100



CROSS SECTION SCALE 1:100



PLAN SCALE 1:100



CROSS SECTION OF P.S.C BEAM SCALE 1:10

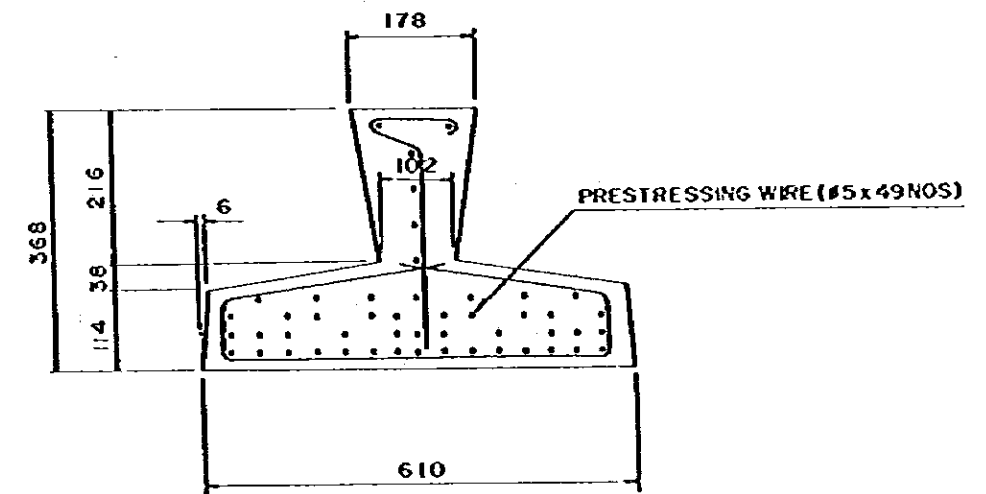
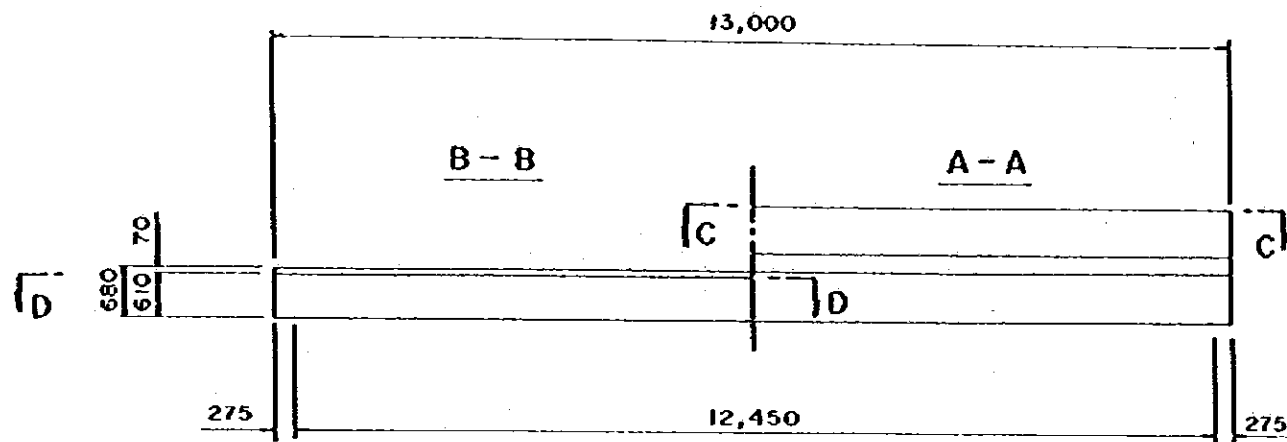


TABLE OF QUANTITIES

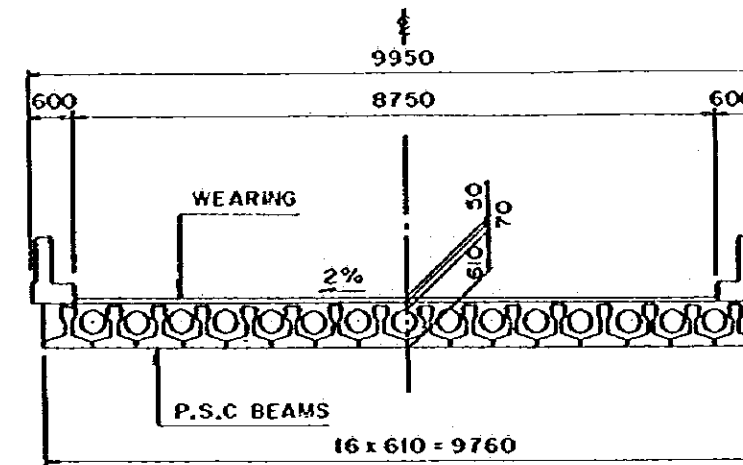
| ITEM | UNIT | QUANTITIES |
|-----------------------------------|------|------------|
| P.S.C BEAM (L = 10 ^m) | NO | 16 |
| CONCRETE (1:1½:3) ¾" | CM | 24.7 |
| CONCRETE (1:2:4) ¾" | CM | 7 |
| FORM | SM | 68 |
| REINFORCEMENT | Kg | 2044.7 |
| WEARING | CM | 4.4 |

| | | | |
|---|--|---------------------------------|--|
| DEMOCRATIC SOCIALIST REPUBLIC OF GUINEA | | TITLE OF DRAWING | |
| THE FEASIBILITY STUDY ON COLORED ENLARGED EXPRESSWAY AND BICYCLE ACCESS ROAD CONSTRUCTION PROJECT | | STANDARD DESIGN (DSC DR. L-100) | |
| GREATER COLORED ECONOMIC COMMISSION MAPA INTERNATIONAL COOPERATION AGENCY | | PREPARED CHECKED | APPROVED DATE JANUARY 1984 Dwg No. 46 |

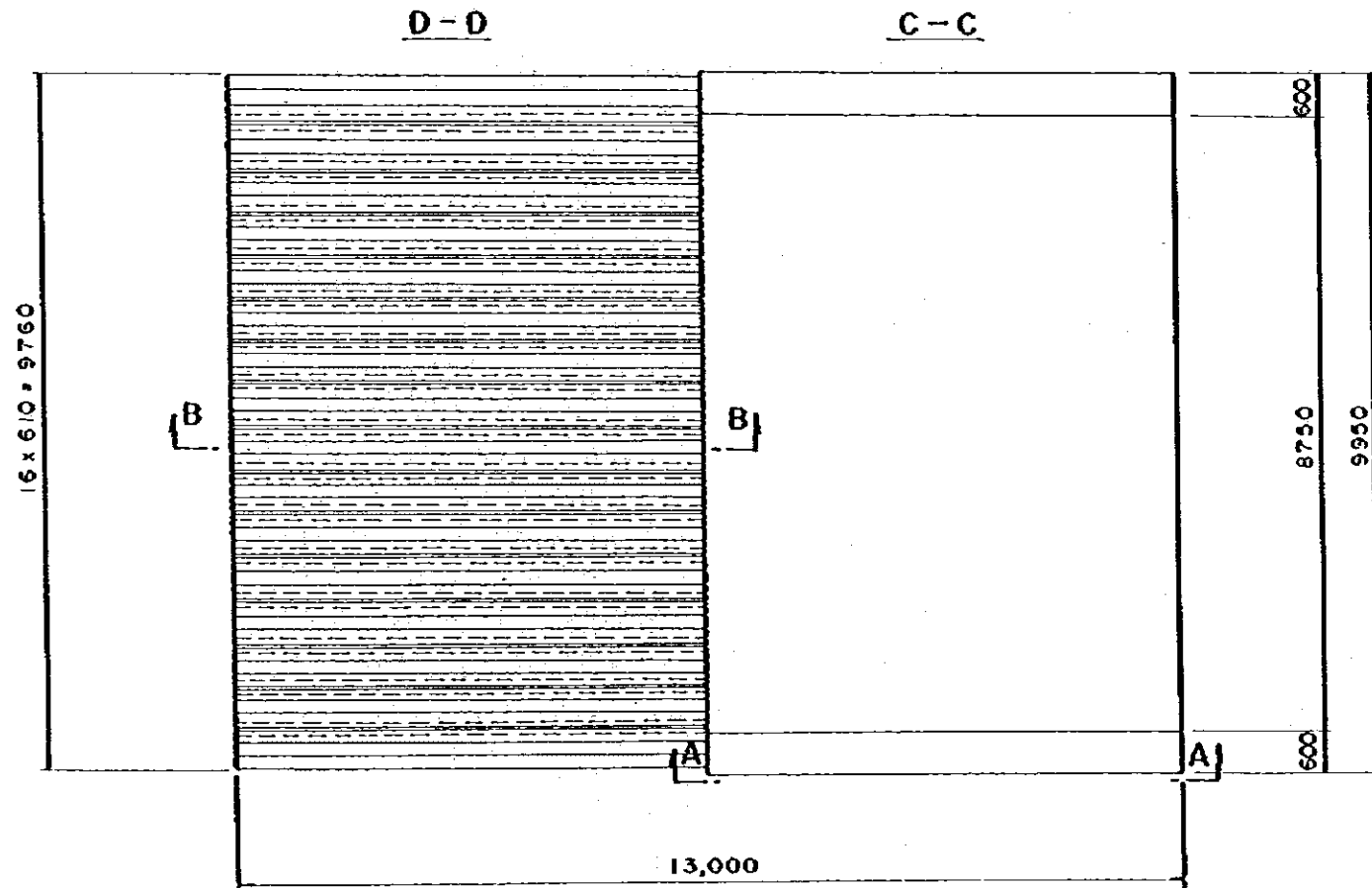
PROFILE SCALE 1:100



CROSS SECTION SCALE 1:100



PLAN SCALE 1:100



CROSS SECTION OF P.S.C BEAM SCALE 1:10

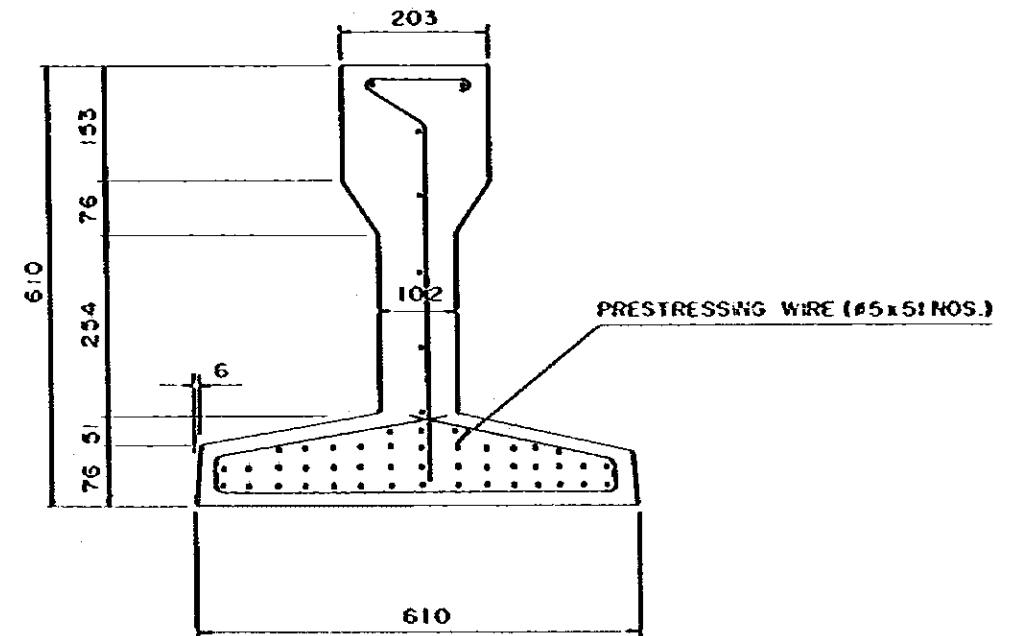
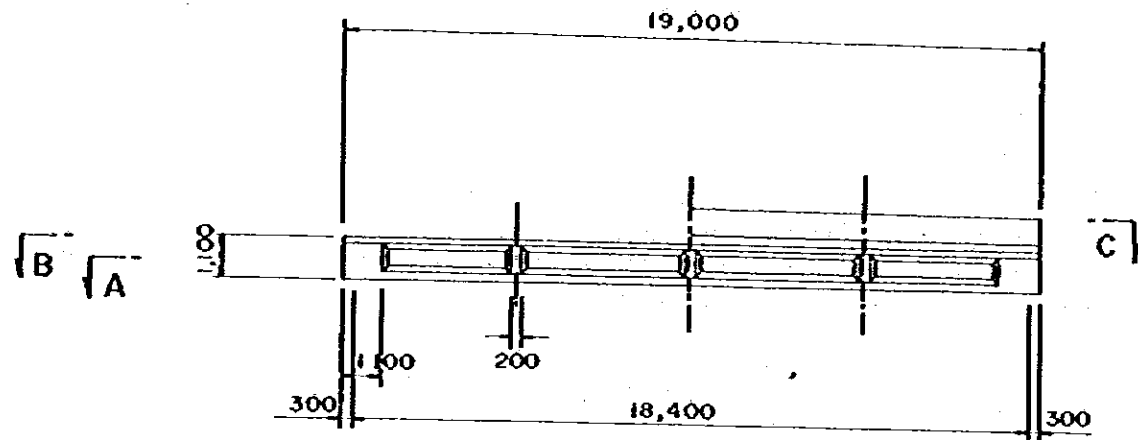


TABLE OF QUANTITIES

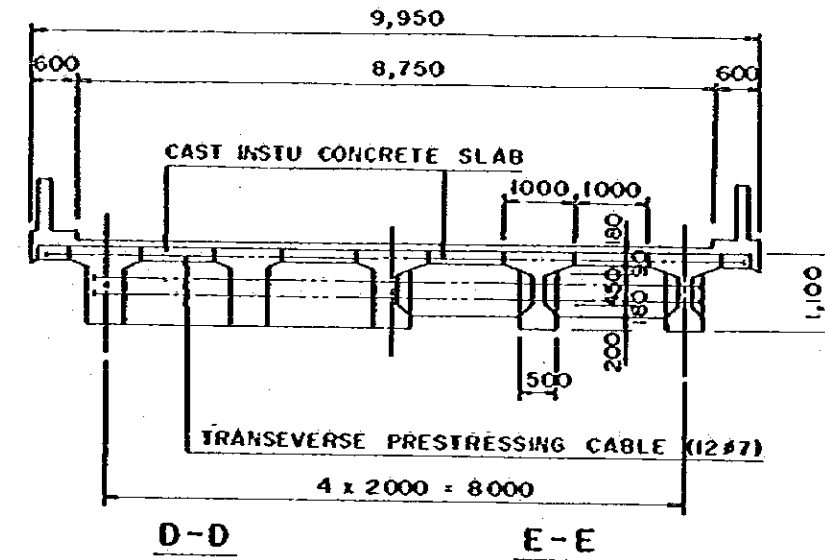
| ITEM | UNIT | QUANTITIES |
|-----------------------------------|------|------------|
| P.S.C BEAM (L = 13 ^m) | NO | 16 |
| CONCRETE (1: 1 1/2 : 3) 3/4" | CM | 42.4 |
| CONCRETE (1: 2 : 4) 3/4" | CM | 9.1 |
| FORM | SM | 96.6 |
| REINFORCEMENT | Kg | 3509.9 |
| WEARING | CM | 5.7 |

| | | | |
|---|---|-------------------------------|---------------|
| DEMOCRATIC SOCIALIST REPUBLIC OF BURUNDI THE FEASIBILITY STUDY ON COLONNADATEDAYARE EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT | TITLE OF DRAWING STANDARD DESIGN (PSC BR. L-03M) | | |
| GREATER BORDERS ECONOMIC COMMISSION AFRICAN INTERNATIONAL COOPERATION AGENCY | PREPARED CHECKED | APPROVED DATE JANUARY 1984 | DWG NO. 47 |

PROFILE SCALE 1:200



CROSS SECTION SCALE 1:100



PLAN SCALE 1:200

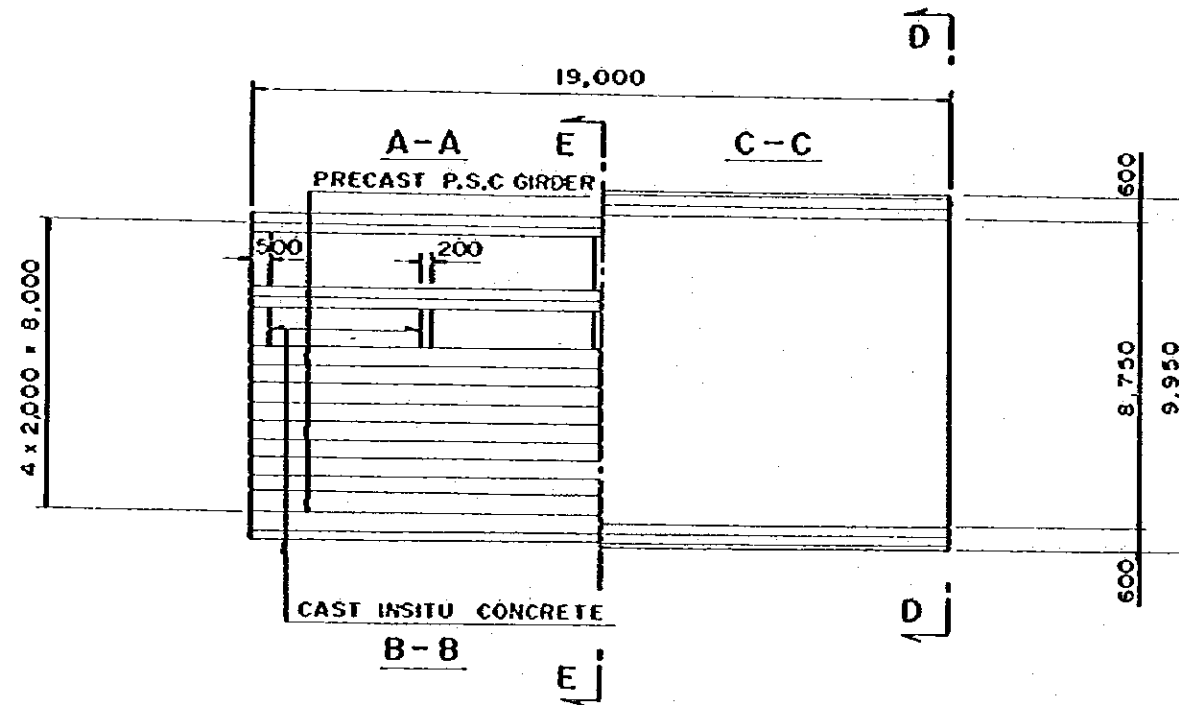


TABLE OF QUANTITIES (ONE GIRDER)

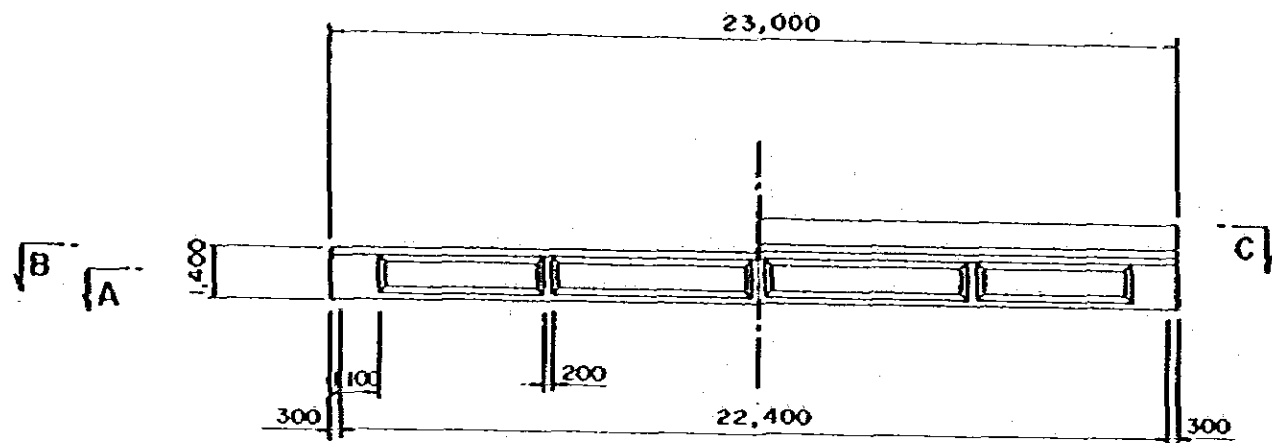
| ITEMS | UNIT | QUANTITIES | REMARKS |
|---------------|----------------|------------|---------|
| CONCRETE | M ³ | 9.5 | |
| FORM | M ² | 67.6 | |
| REINFORCEMENT | Kg | 756.0 | |
| H.T.S WIRE | Kg | 430.0 | |
| No. OF CABLES | NO | | |

TABLE OF QUANTITIES (ONE GIRDER)

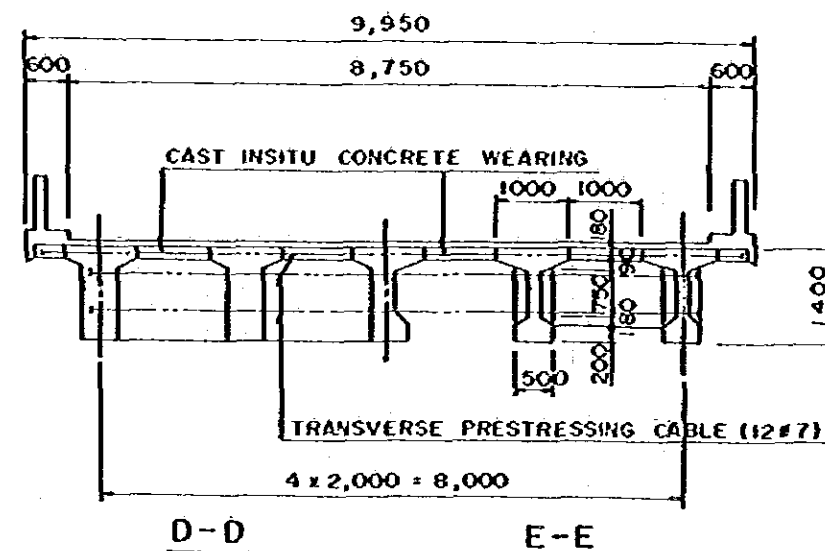
| ITEMS | UNIT | QUANTITIES | REMARKS |
|---------------|----------------|------------|---------|
| GIRDER | NO | 5 | |
| CONCRETE | M ³ | 71.7 | |
| FORM | M ² | 494.8 | |
| REINFORCEMENT | Kg | 6224.0 | |
| H.T.S WIRE | Kg | 3262.0 | |
| No. OF CABLES | NO | | |

| | | | |
|--|--|---|-------------------------------|
| DEMOCRATIC PEOPLE'S REPUBLIC OF GUINEA THE PRESIDENTY STAFF ON ECONOMIC MATERIALS ROADWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT | | TITLE OF DRAWING STANDARD DESIGN (PSC BR. L+15M) | |
| GREATER GUINEAN ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY | | PREPARED CHECKED | APPROVED DATE JANUARY 1974 |
| | | | ENG. NO. 48 |

PROFILE SCALE 1:200



CROSS SECTION SCALE 1:100



PLAN SCALE 1:200

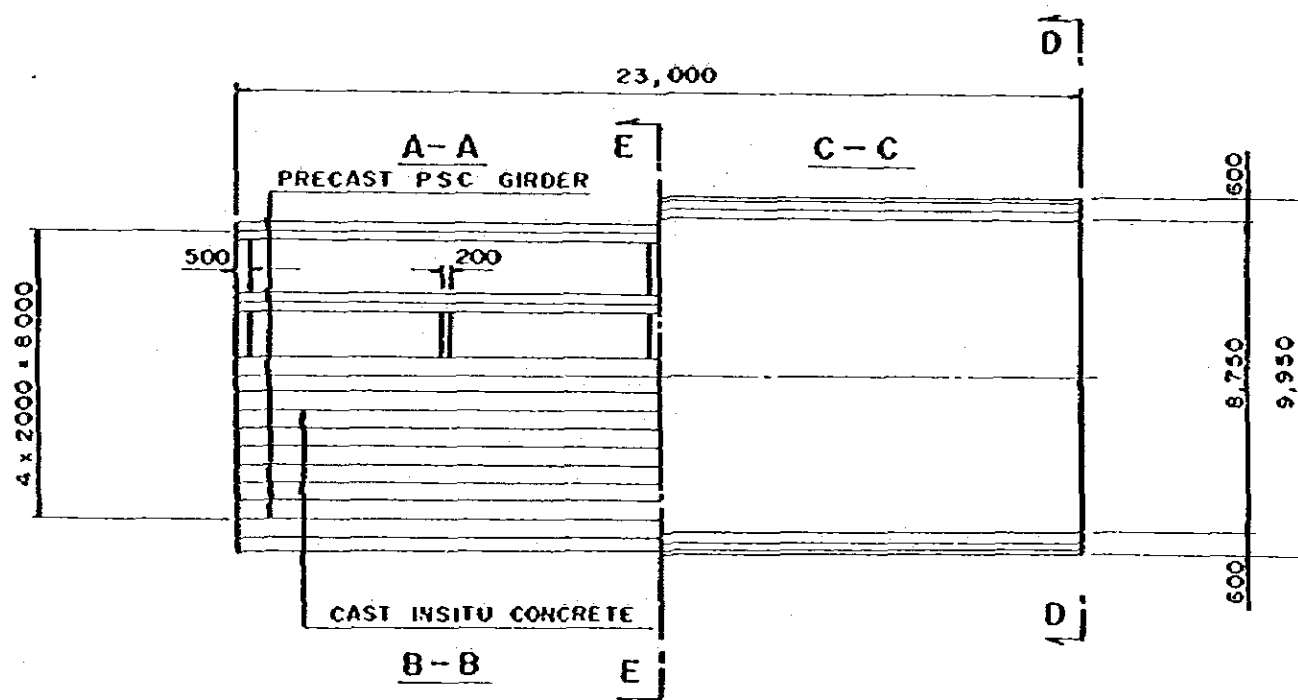


TABLE OF QUANTITIES (ONE GIRDERS)

| ITEMS | UNIT | QUANTITIES | REMARKS |
|---------------|----------------|------------|---------|
| CONCRETE | M ³ | 13.1 | |
| FORM | M ² | 96.1 | |
| REINFORCEMENT | Kg | 1041.0 | |
| H.T.S WIRE | Kg | 592.0 | |
| No. OF CABLES | NO | | |

TABLE OF QUANTITIES (ONE GIRDERS)

| ITEMS | UNIT | QUANTITIES | REMARKS |
|---------------|----------------|------------|---------|
| GIRDER | NO | 5 | |
| CONCRETE | M ³ | 95.8 | |
| FORM | M ² | 676.1 | |
| REINFORCEMENT | Kg | 8279.0 | |
| H.T.S WIRE | Kg | 4380.0 | |
| No. OF CABLES | NO | | |

DEMOCRATIC SOCIALIST REPUBLIC OF BURUNDI
THE RESEARCH STUDY ON COLONNADKATAYASE
BAPPESMAY AND NEW PLANT ACCESS ROAD
CONSTRUCTION PROJECT

GREATER ELEVATED ECONOMIC COMMISSION
JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE OF DRAWING

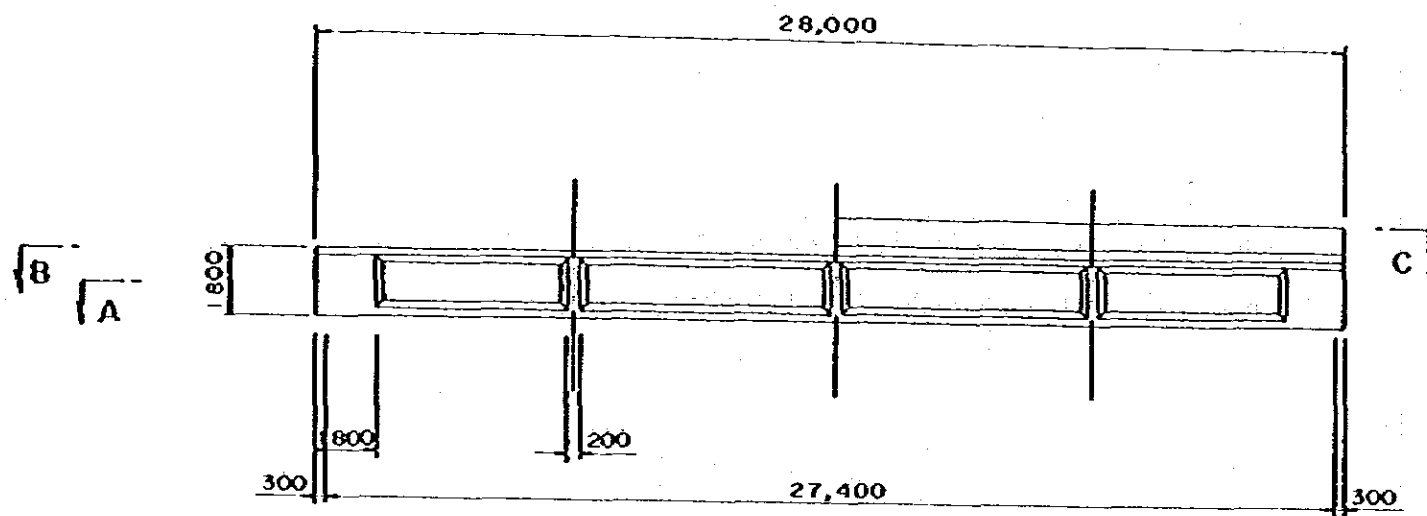
STANDARD DESIGN (PSC BR. L + 2340)

PREPARED
CHECKED

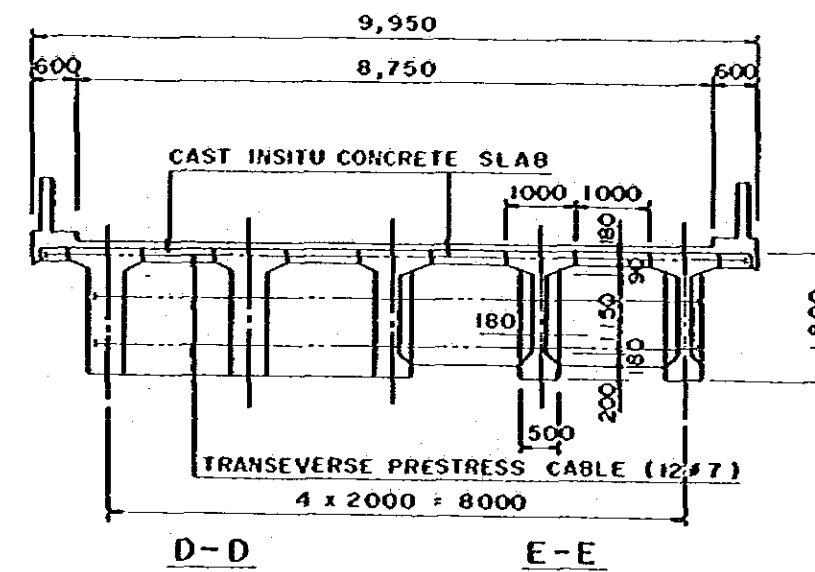
APPROVED
DATE JANUARY 1984

SHEET NO.
49

PROFILE SCALE 1:200



CROSS SECTION SCALE 1:100



PLAN SCALE 1:200

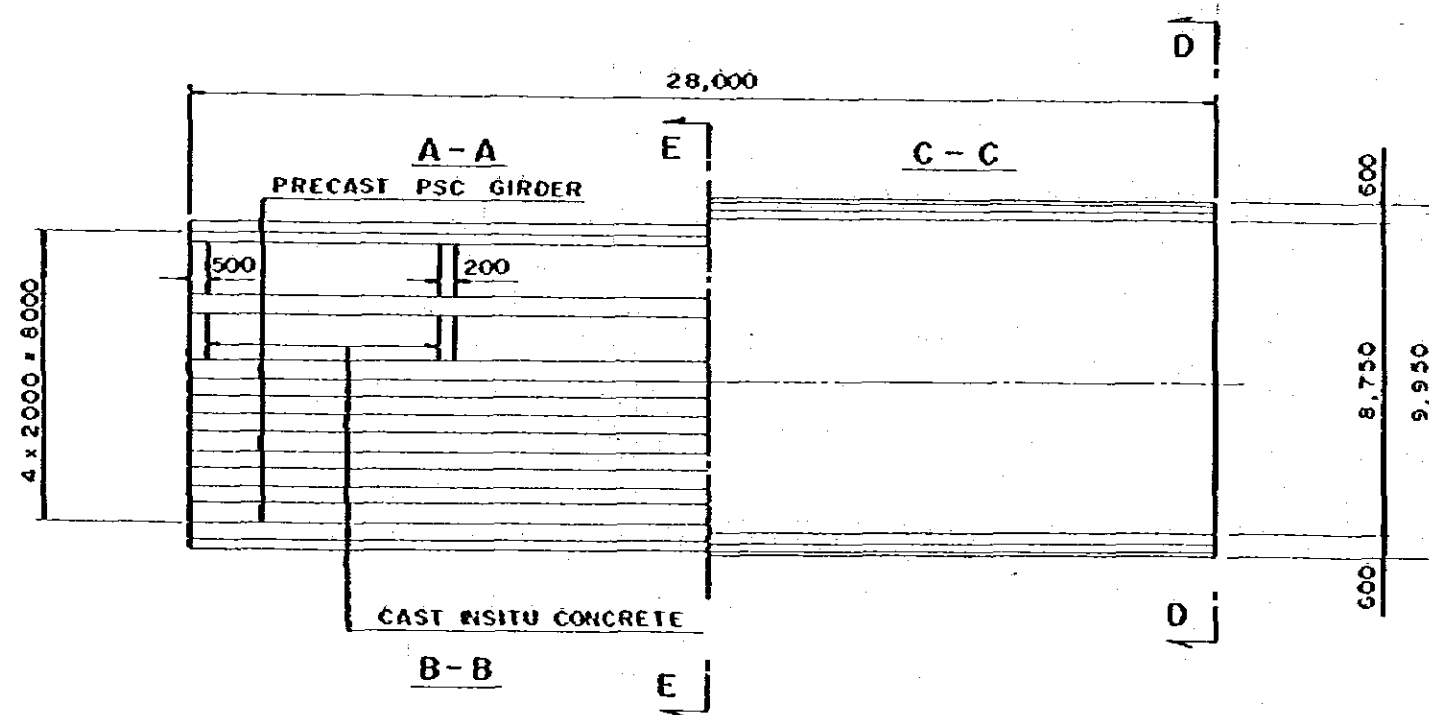


TABLE OF QUANTITIES (ONE GIRDER)

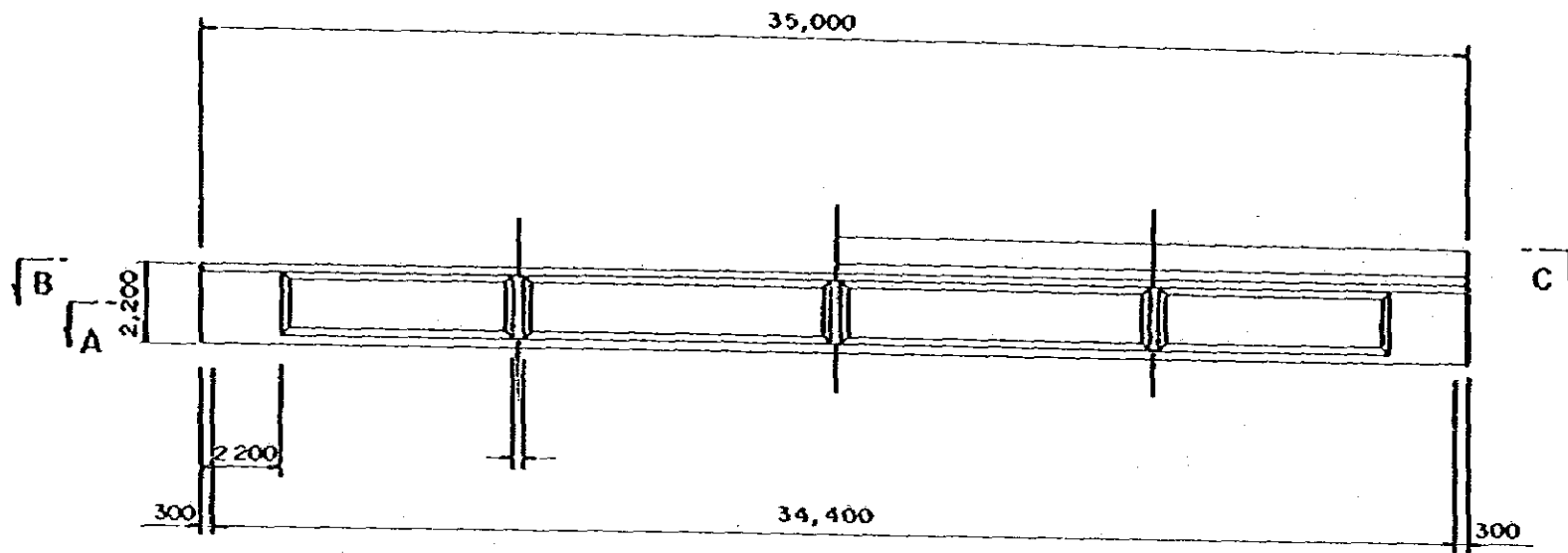
| ITEMS | UNIT | QUANTITIES | REMARKS |
|---------------|----------------|------------|---------|
| CONCRETE | M ³ | 18.4 | |
| FORM | M ² | 140.1 | |
| REINFORCEMENT | Kg | 1472.8 | |
| H.T.S WIRE | Kg | 837.7 | |
| No. OF CABLES | NO | | |

TABLE OF QUANTITIES (ONE SPAN)

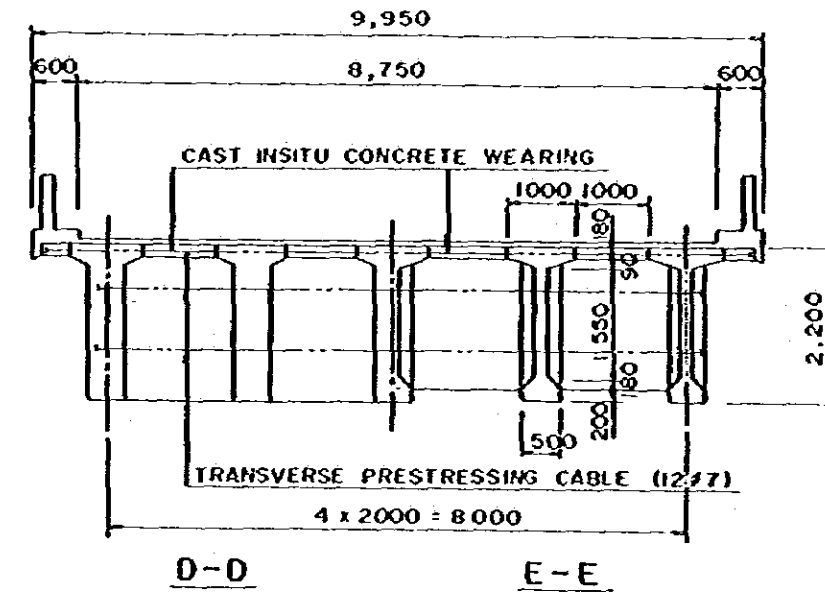
| ITEMS | UNIT | QUANTITIES | REMARKS |
|---------------|----------------|------------|---------|
| GIRDER | NO | 5 | |
| CONCRETE | M ³ | 130.9 | |
| FORM | M ² | 945.2 | |
| REINFORCEMENT | Kg | 11249.0 | |
| H.T.S WIRE | Kg | 5983.2 | |
| No. OF CABLES | NO | | |

| | | | |
|---|--|--|---|
| DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLCOVA WATERWAY EXPANSION AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT | | TITLE OF DRAWING STANDARD DESIGN DSC DR. L-2110 | |
| GREATER BOWEN ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY | | PREPARED CHECKED | APPROVED DATE 29/12/84 DSC 07 50 |

PROFILE SCALE 1:200



CROSS SECTION SCALE 1:100



PLAN SCALE 1:200

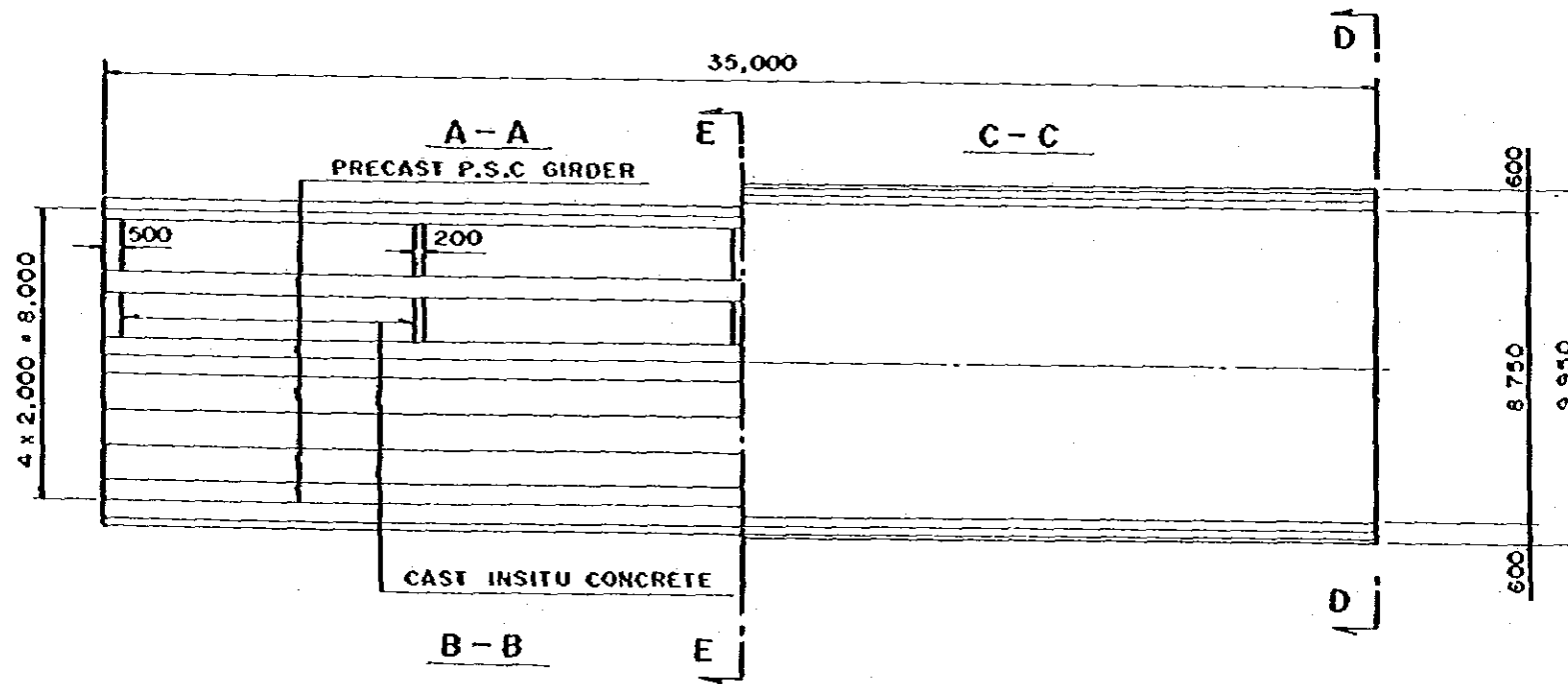


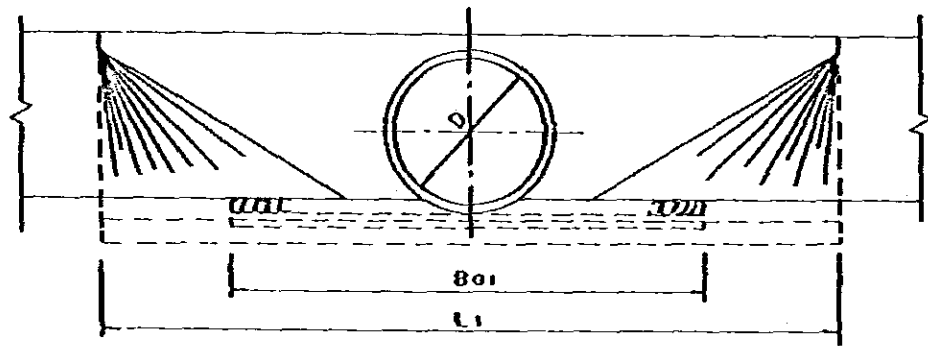
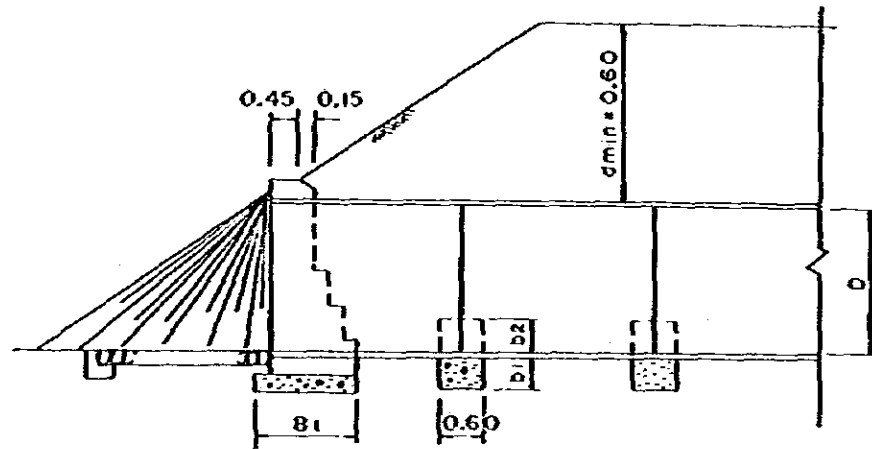
TABLE OF QUANTITIES (ONE GIRDER)

| ITEMS | UNIT | QUANTITIES | REMARKS |
|---------------|----------------|------------|---------|
| CONCRETE | M ³ | 26.1 | |
| FORM | M ² | 203.4 | |
| REINFORCEMENT | Kg | 2086.4 | |
| H.T.S WIRE | Kg | 1186.7 | |
| No. OF CABLES | NO | | |

TABLE OF QUANTITIES (ONE GIRDER)

| ITEMS | UNIT | QUANTITIES | REMARKS |
|---------------|----------------|------------|---------|
| GIRDER | NO | 5 | |
| CONCRETE | M ³ | 179.1 | |
| FORM | M ² | 1321.5 | |
| REINFORCEMENT | Kg | 15300.0 | |
| H T S WIRE | Kg | 8182.3 | |
| No. OF CABLES | NO | | |

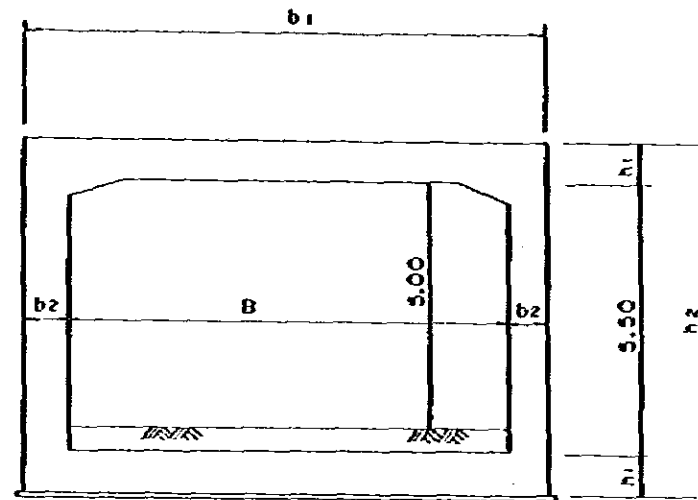
PIPE CULVERT



PIPE CULVERT DIMENSION LIST

| D (mm) | L1 | B1 | B01 | d1 | d2 |
|--------|------|-----|------|-------|-------|
| 900 | 5.4 | 1.0 | 1.85 | 0.225 | 0.275 |
| 1200 | 7.2 | 1.2 | 2.45 | 0.300 | 0.350 |
| 1500 | 8.0 | 1.2 | 3.05 | 0.400 | 0.425 |
| 1800 | 10.2 | 1.4 | 3.70 | 0.475 | 0.500 |

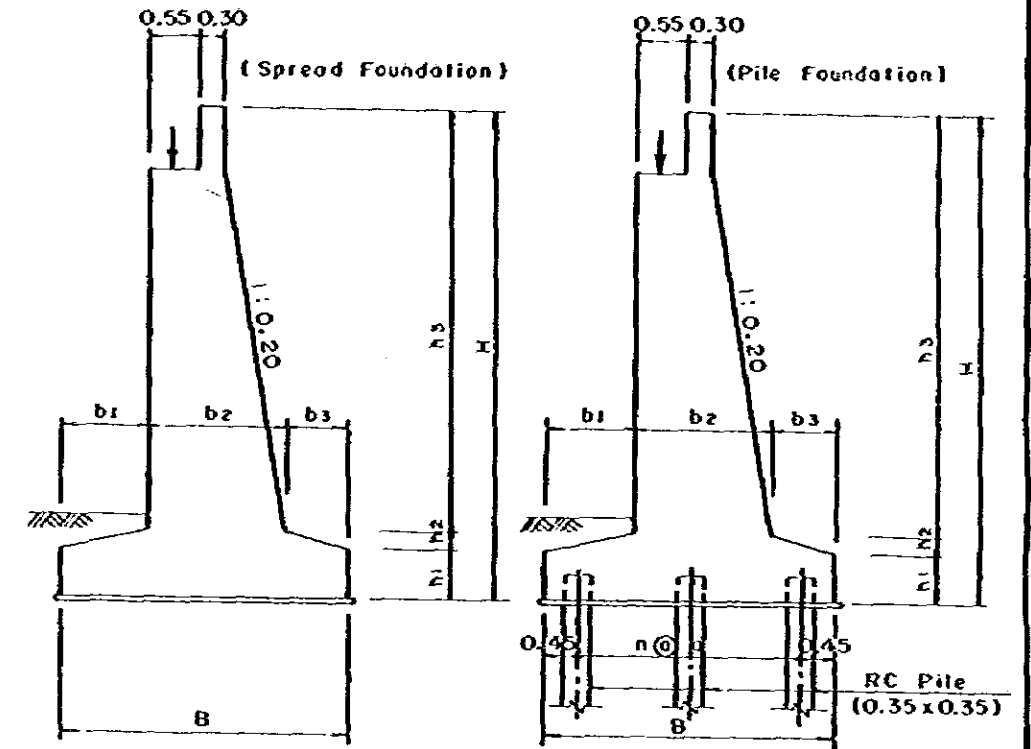
BOX CULVERT



BOX CULVERT DIMENSION LIST

| | (M) | | | |
|----|------|------|------|------|
| B | 5.00 | 6.00 | 7.00 | 8.00 |
| b1 | 5.80 | 7.00 | 8.20 | 9.40 |
| b2 | 0.40 | 0.50 | 0.60 | 0.70 |
| h1 | 0.50 | 0.60 | 0.70 | 0.80 |
| h2 | 6.50 | 6.70 | 6.90 | 7.10 |

ABUTMENT



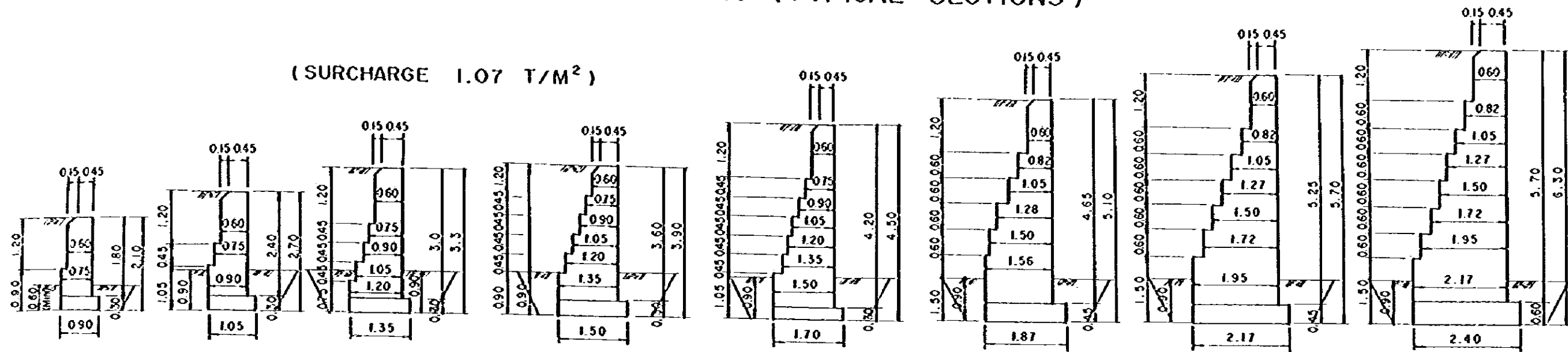
ABUTMENT DIMENSION LIST

| | (M) | | |
|----|------|------|-------|
| H | 4.00 | 6.00 | 8.00 |
| h1 | 0.50 | 0.60 | 0.70 |
| h2 | 0.20 | 0.20 | 0.30 |
| h3 | 3.30 | 5.20 | 7.00 |
| B | 2.40 | 3.20 | 4.30 |
| b1 | 0.90 | 1.00 | 1.50 |
| b2 | 1.35 | 1.73 | 2.09 |
| b3 | 0.15 | 0.47 | 0.71 |
| n | 1 | 2 | 3 |
| a | 1.50 | 1.15 | 1.133 |

| | | | |
|--|--|--|-------------------------------|
| DEMOCRATIC SOCIALIST REPUBLIC OF SALVADOR | | TITLE OF DRAWING | |
| THE FEASIBILITY STUDY ON COLORADO INTERNATIONAL EXPRESSWAY AND NEW ROAD ACCESS ROAD CONSTRUCTION PROJECT | | STANDARD DESIGN DIMENSIONS OF PIPE CULVERT, BOX CULVERT & ABUTMENT | |
| GREATER COLORADO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY | | PREPARED CHECKED | APPROVED DATE JANUARY 1984 |
| | | DWS NO. 52 | |

RETAINING WALLS (TYPICAL SECTIONS)

(SURCHARGE 1.07 T/M²)



(SURCHARGE 35°)

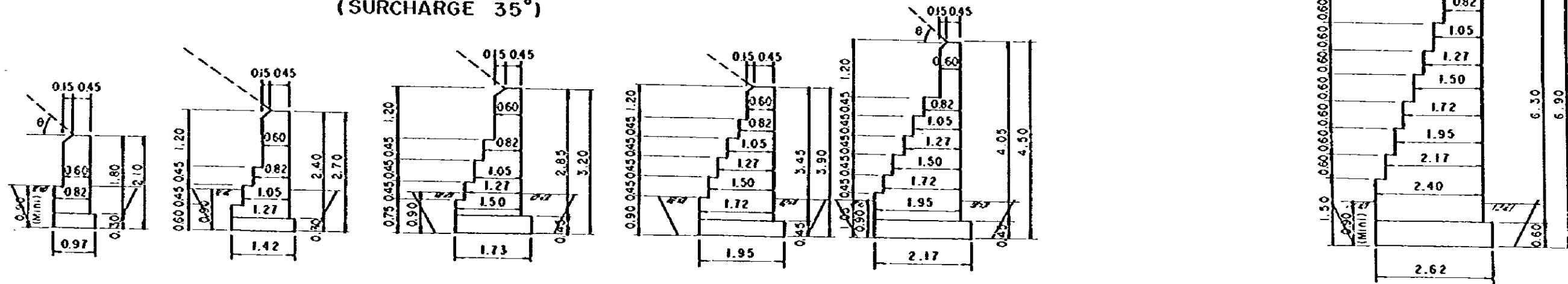


TABLE OF QUANTITIES

| LEVEL SURCHARGE ($\theta = 0^\circ$) - PER 10 ^m LENGTH | | | | | | | | | | INCLINED SURCHARGE ($\theta = 35^\circ$) - PER 10 ^m LENGTH | | | | | | | |
|---|----------------------------------|-------|-------|-------|-------|--------|--------|--------|--------|---|----------------------------|----------------------------------|-------|-------|--------|-------|------|
| HEIGHT (m) | 2-1 | 2-7 | 3-3 | 3-9 | 4-5 | 5-1 | 5-7 | 6-3 | 6-9 | HEIGHT (m) | 2-1 | 2-7 | 3-3 | 3-9 | 4-5 | | |
| CONCRETE (m ³) | Foundation 1:3:6(50mm) Mix Conc. | 2-70 | 3-15 | 4-05 | 4-50 | 5-10 | 8-42 | 9-77 | 14-4 | 15-72 | CONCRETE (m ³) | Foundation 1:3:6(50mm) Mix Conc. | 2-91 | 4-26 | 7-79 | 8-78 | 9-77 |
| | 1:3:6(50mm) 20% plums | 11-70 | 17-33 | 24-75 | 32-85 | 42-08 | 51-48 | 65-90 | 76-65 | 91-74 | | 12-12 | 19-43 | 25-83 | 35-82 | 47-52 | |
| FORM (m ²) | 44-90 | 58-10 | 71-76 | 85-47 | 99-44 | 113-98 | 129-13 | 144-21 | 159-49 | FORM (m ²) | 45-01 | 58-74 | 72-72 | 86-92 | 101-46 | | |
| EXCAVATION (m ³) | 8-85 | 14-0 | 14-6 | 14-63 | 14-7 | 15-12 | 14-72 | 14-9 | 14-16 | EXCAVATION (m ³) | 14-4 | 12-6 | 14-1 | 14-1 | 14-5 | | |

JICA

