

|                                    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROPOSED TOPELEV OF RETAINING WALL | 0.80  |       | 0.80  |       | 0.80  |       | 0.80  |       |       |       |       |       |       |       |       |       |
| PROPOSED BOTTOM ELEV OF KHLONG     | -2.50 |       | -2.50 |       | -2.50 |       | -2.50 |       |       |       |       |       |       |       |       |       |
| EXISTING ELEV OF LEFT BANK         | 0.63  | 0.80  | 0.40  | 0.15  | 1.53  | 0.45  | 1.05  | 0.77  | 1.30  | 0.50  | 0.48  | 1.00  | 0.24  | 0.62  | 1.10  | 1.20  |
| EXISTING ELEV OF RIGHT BANK        | 1.06  | 1.03  | 0.64  | 0.13  | 0.75  | 0.99  | 0.60  | 0.65  | 0.54  | 0.76  | 0.78  | 0.66  | 0.43  | 1.09  | 0.98  | 0.68  |
| EXISTING BOTTOM ELEV OF KHLONG     | -2.38 | -2.84 | -2.72 | -2.78 | -2.62 | -2.87 | -2.81 | -2.44 | -2.36 | -2.72 | -2.15 | -2.96 | -2.51 | -3.10 | -2.43 | -2.03 |
| ACCUMULATE DISTANCE (K.M.)         | 0.00  | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.20  | 1.40  | 1.60  | 1.80  | 2.00  | 2.20  | 2.40  | 2.60  | 2.80  | 3.00  |
| NO.                                | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |

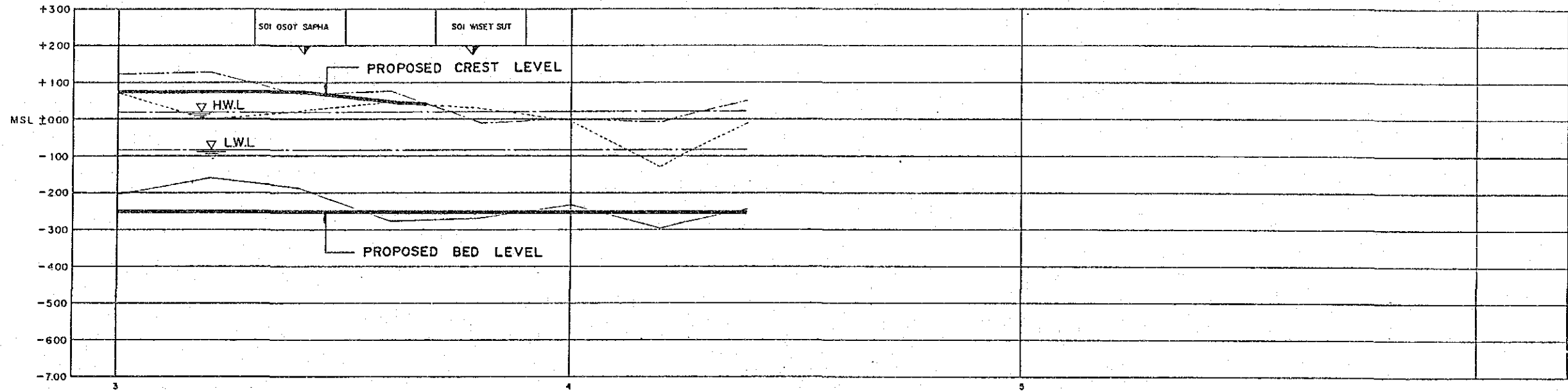
LEGEND

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

DWG. F.26

KLONG IMPROVEMENT (PROFILE) -K.KACHA(1)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



|                                     |       |       |       |       |       |       |       |       |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROPOSED TOP ELEV OF RETAINING WALL | 0.80  | 0.80  | 0.80  | 0.50  | 0.30  | -0.05 | -0.09 | 0.50  |
| PROPOSED BOTTOM ELEV OF KHLONG      | -2.50 |       |       |       |       | -2.50 |       | -2.50 |
| EXISTING ELEV OF LEFT BANK          | 1.20  | 1.26  | 0.67  | 0.75  | -0.12 | 0.00  | -0.09 | 0.50  |
| EXISTING ELEV OF RIGHT BANK         | 0.68  | -0.04 | 0.24  | 0.47  | 0.29  | -0.05 | -1.31 | -0.50 |
| EXISTING BOTTOM ELEV OF KHLONG      | -2.03 | -1.55 | -1.86 | -2.76 | -2.68 | -2.32 | -2.97 | -2.43 |
| ACCUMULATE DISTANCE (KM)            | 3.00  | 3.20  | 3.40  | 3.60  | 3.80  | 4.00  | 4.20  | 4.40  |
| NO                                  | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    |

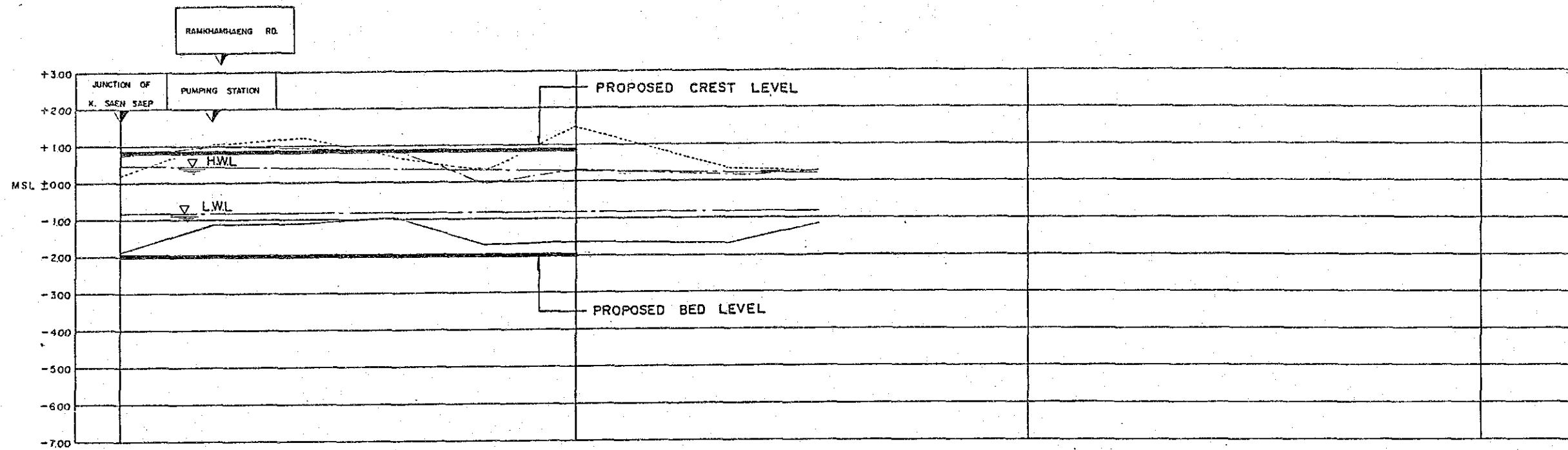
LEGEND

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

DWG. F.27

KLONG IMPROVEMENT (PROFILE) -K.KACHA(2)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



|                                    |       |       |       |       |       |       |       |       |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROPOSED TOPELEV OF RETAINING WALL | 0.80  | 0.80  | 0.80  | 0.80  | 0.80  | 0.80  | 0.20  | 0.25  |
| PROPOSED BOTTOM ELEV OF KHLONG     | 2.00  |       |       |       |       |       |       | -2.00 |
| EXISTING ELEV OF LEFT BANK         | 0.76  | 0.96  | 0.82  | 0.89  | -0.03 | 0.27  | 0.16  | 0.25  |
| EXISTING ELEV OF RIGHT BANK        | 0.19  | 1.03  | 1.22  | 0.87  | 0.28  | 1.50  | 0.34  | 0.25  |
| EXISTING BOTTOM ELEV OF KHLONG     | -1.89 | -1.15 | -1.13 | -0.95 | -1.71 | -1.60 | -1.60 | -1.17 |
| ACCUMULATE DISTANCE (KM)           | 0.00  | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.34  | 1.54  |
| NO                                 | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     |

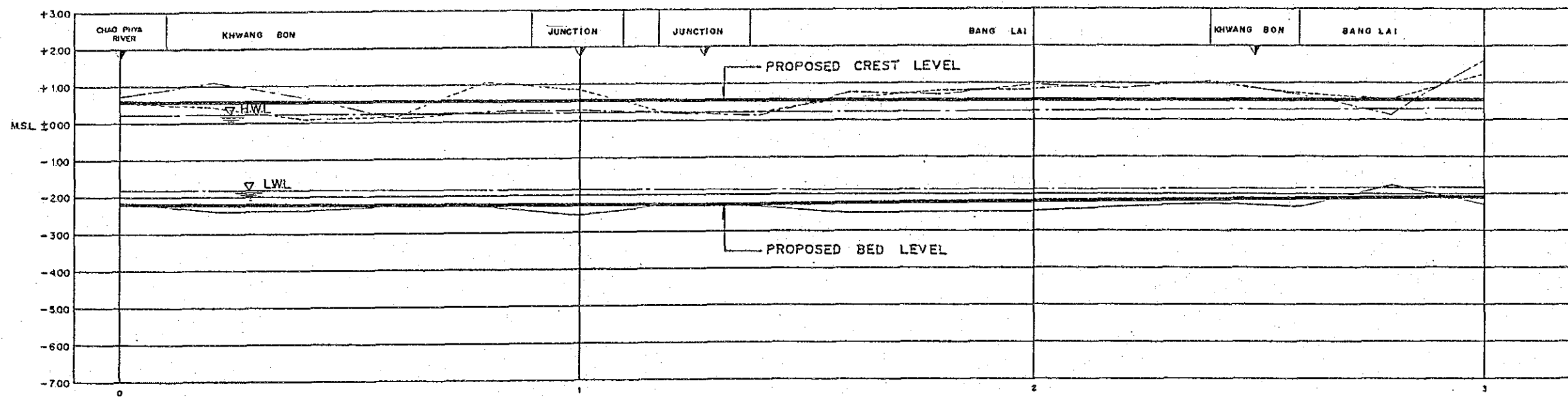
LEGEND

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

DWG. F.28

KLONG IMPROVEMENT (PROFILE) -K.GIG-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



|                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROPOSED TOPE ELEV OF RETAINING WALL | 0.50  |       |       |       |       | 0.50  | 0.30  | 0.20  | 0.20  | 0.25  | 0.50  | 0.50  | 0.50  |       | 0.50  | 0.50  |
| PROPOSED BOTTOM ELEV OF KHLONG       | -2.18 | -2.21 | -2.22 | -2.24 | -2.25 | -2.28 | -2.28 | -2.29 | -2.30 | -2.28 | -2.25 | -2.22 | -2.17 | -2.14 | -2.13 | -2.06 |
| EXISTING ELEV OF LEFT BANK           | +0.70 | +1.09 | +0.69 | +0.12 | +0.30 | +0.31 | +0.22 | +0.22 | +0.20 | +0.18 | +0.74 | +0.68 | +0.94 | +1.03 | +0.67 | +0.16 |
| EXISTING ELEV OF RIGHT BANK          | +0.34 | +0.41 | +0.09 | +0.17 | +1.05 | +0.84 | +0.21 | +0.23 | +0.23 | +0.58 | +0.79 | +0.81 | +0.98 | +0.97 | +0.72 | +0.56 |
| EXISTING BOTTOM ELEV OF KHLONG       | -2.15 | -2.39 | -2.37 | -2.27 | -2.68 | -2.33 | -2.25 | -2.32 | -2.32 | -2.51 | -2.46 | -2.47 | -2.34 | -2.26 | -2.36 | -1.77 |
| ACCUMULATE DISTANCE (KM.)            | 0.00  | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.20  | 1.27  | 1.40  | 1.66  | 1.80  | 2.00  | 2.20  | 2.40  | 2.49  | 2.80  |
| NO.                                  | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |

LEGEND

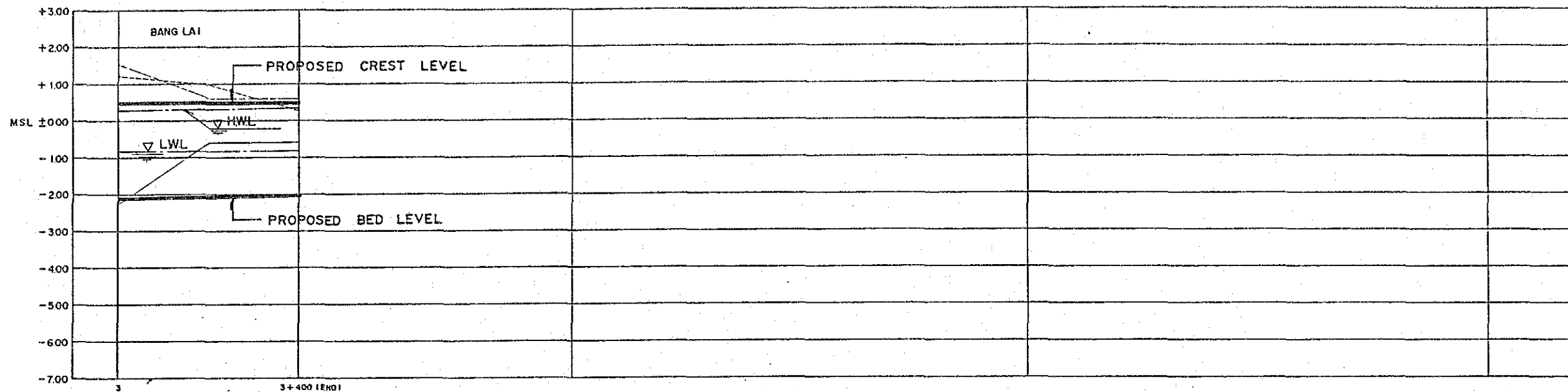
- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

DWG. F.29 KLONG IMPROVEMENT (PROFILE) -K.KWANG BON, K.BANG LAI(1)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

Klong Improvement Profile No. 0-15

K. Kwang Bon No. 15-No. 17 (end)



|                                      |       |       |            |
|--------------------------------------|-------|-------|------------|
| PROPOSED TOPE ELEV OF RETAINING WALL | 0.50  | 0.50  | 0.50       |
| PROPOSED BOTTOM ELEV OF KHLONG       | -2.06 | -2.03 | -2.00      |
| EXISTING ELEV OF LEFT BANK           | +1.52 | +0.99 | +0.99      |
| EXISTING ELEV OF RIGHT BANK          | +1.18 | +0.97 | +0.76      |
| EXISTING BOTTOM ELEV OF KHLONG       | -2.27 | -0.81 | -0.51      |
| ACCUMULATE DISTANCE (KM)             | 3.00  | 3.20  | 3.40 (END) |
| NO                                   | 15    | 16    | 17         |

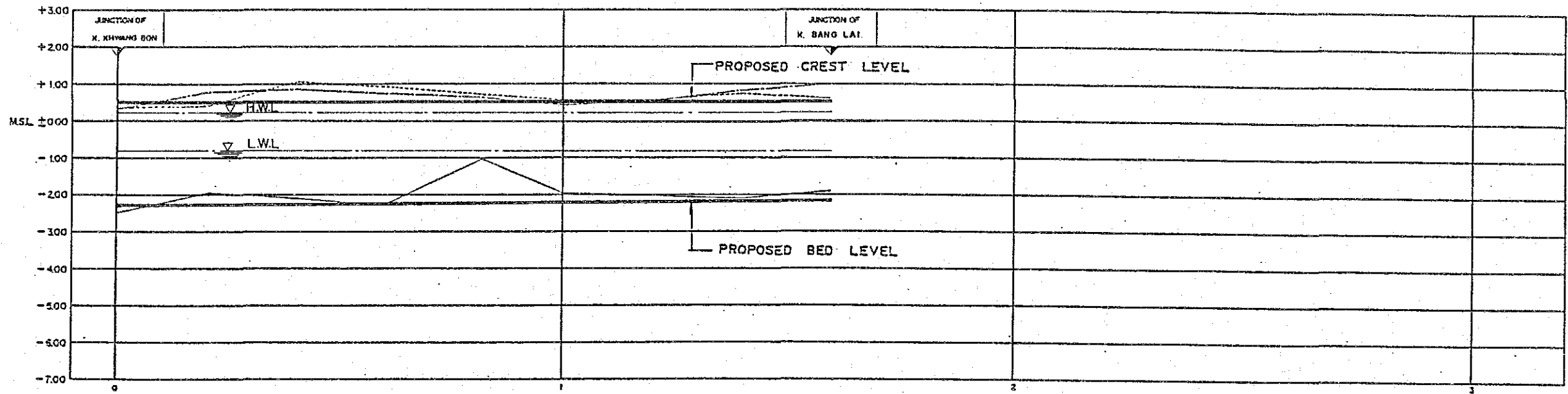
LEGEND

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

DWG. F.30

KLONG IMPROVEMENT (PROFILE) -K.KWANG BON, K.BANG LAI(2)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



|                                     |       |       |       |       |       |       |       |       |            |  |  |       |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--|--|-------|
| PROPOSED TOP ELEV OF RETAINING WALL | 0.00  |       |       |       |       | 0.00  |       |       |            |  |  | 0.00  |
| PROPOSED BOTTOM ELEV OF KHLONG      | -2.28 | -2.28 | -2.24 | -2.23 | -2.20 | -2.19 | -2.17 | -2.15 | -2.13      |  |  | -2.13 |
| EXISTING ELEV OF LEFT BANK          | 0.30  | 0.76  | 0.86  | 0.73  | 0.82  | 0.40  | 0.51  | 0.62  | 0.86       |  |  | 0.86  |
| EXISTING ELEV OF RIGHT BANK         | 0.31  | 0.41  | 1.07  | 0.91  | 0.70  | 0.57  | 0.57  | 0.72  | 0.61       |  |  | 0.61  |
| EXISTING BOTTOM ELEV OF KHLONG      | -2.50 | -1.94 | -2.12 | -2.27 | -1.04 | -1.87 | 2.06  | -2.09 | -1.89      |  |  | -1.89 |
| ACCUMULATE DISTANCE (KM)            | 0.00  | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.20  | 1.40  | 1.60 (END) |  |  |       |
| NO                                  | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8          |  |  |       |

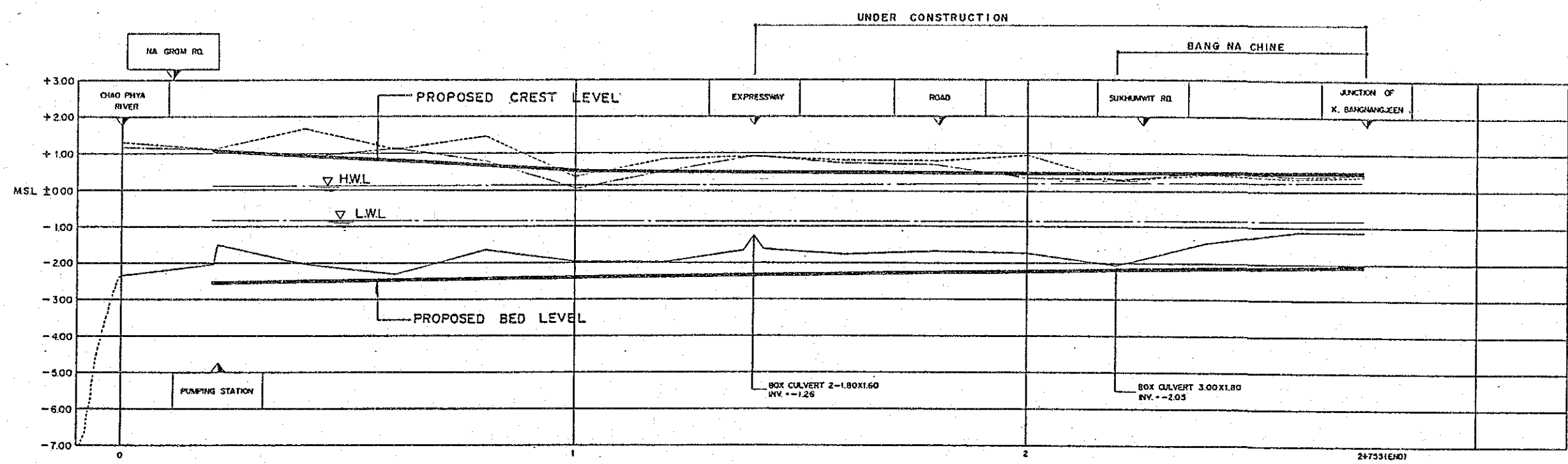
LEGEND

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

|  |   |
|--|---|
| DWG. F.31  | KLONG IMPROVEMENT (PROFILE) -K.KWANG BON- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

K. Bang Lai  
No. 0-10.8

No. 0-10-11 (Level)



|                                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |            |  |  |  |      |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--|--|--|------|
| PROPOSED TOP ELEV OF RETAINING WALL |       |       | 1.00  | 0.88  | 0.75  | 0.63  | 0.50  |       |       |       |       |       |       |       |            |  |  |  | 0.50 |
| PROPOSED BOTTOM ELEV OF KHLONG      |       | -2.65 | -2.30 | -2.45 | -2.40 | -2.35 | -2.30 | -2.25 | -2.20 | -2.15 | -2.10 | -2.05 | -2.07 | -2.09 | -2.11      |  |  |  |      |
| EXISTING ELEV OF LEFT BANK          | 115   | 108   | 0.89  | 112   | 0.78  | 0.05  | 0.51  | 0.91  | 0.73  | 0.69  | 0.33  | 0.27  | 0.46  | 0.37  | 0.43       |  |  |  |      |
| EXISTING ELEV OF RIGHT BANK         | 128   | 110   | 1.66  | 1.11  | 1.45  | 0.35  | 0.84  | 0.90  | 0.81  | 0.79  | 0.96  | 0.24  | 0.42  | 0.33  | 0.38       |  |  |  |      |
| EXISTING BOTTOM ELEV OF KHLONG      | -2.36 | -2.04 | -2.04 | -2.30 | -1.85 | -1.86 | -1.98 | -1.62 | -1.77 | -1.68 | -1.74 | -2.08 | -1.45 | -1.14 | -1.13      |  |  |  |      |
| ACCUMULATE DISTANCE (K.M)           | 0.00  | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.20  | 1.40  | 1.60  | 1.80  | 2.00  | 2.20  | 2.40  | 2.60  | 2.76 (END) |  |  |  |      |
| NO.                                 | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14         |  |  |  |      |

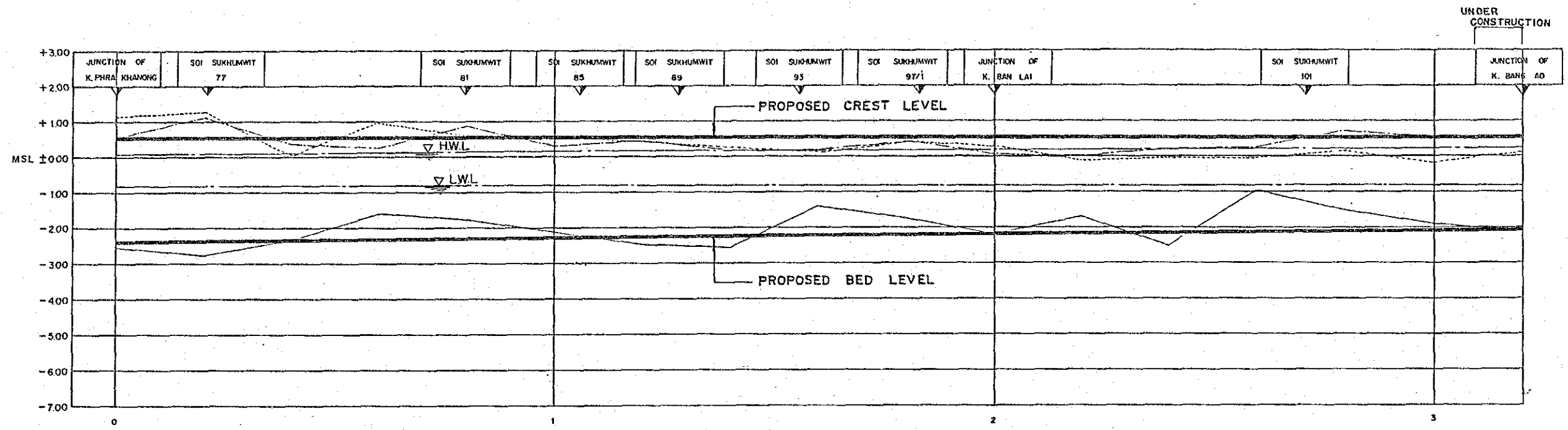
**LEGEND**

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

DWG. F.32      KLONG IMPROVEMENT (PROFILE) -K.BANG NA CHINE-

**FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK**

Klong Improvement Profile No. 0-15 (Level)



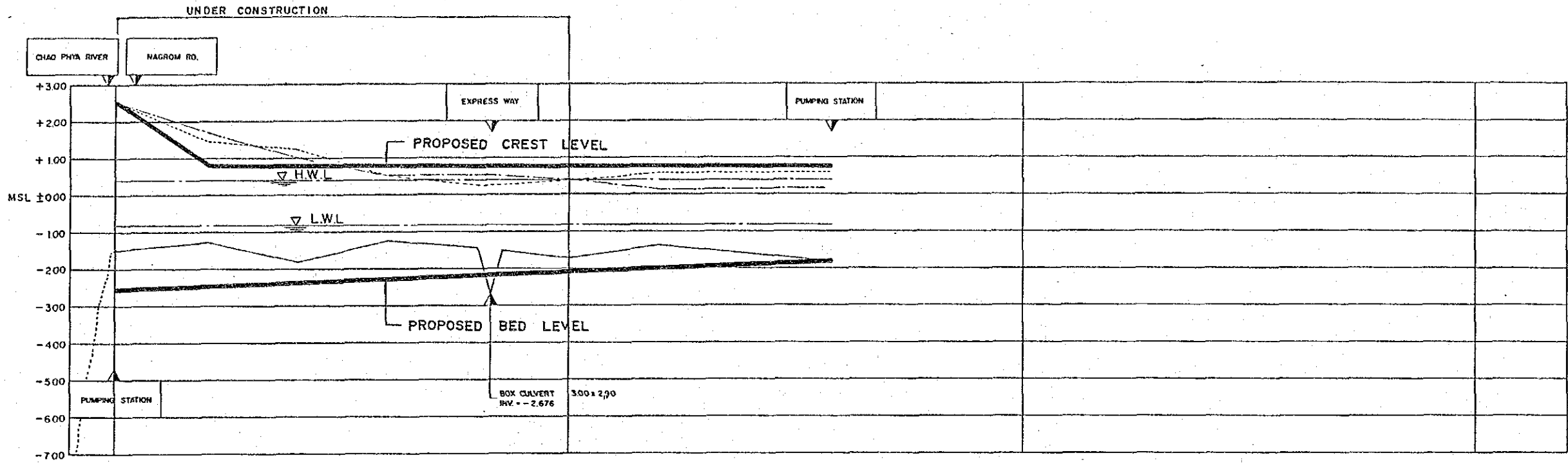
|                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |            |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| PROPOSED TOP ELEV. OF RETAINING WALL | 0.50  |       |       |       |       | 0.50  |       |       |       |       |       |       |       |       |       | 0.50  | 0.50       |
| PROPOSED BOTTOM ELEV. OF KHLONG      | -2.43 | -2.41 | -2.39 | -2.37 | -2.35 | -2.33 | -2.31 | -2.29 | -2.27 | -2.25 | -2.23 | -2.21 | -2.19 | -2.17 | -2.15 | -2.13 | -2.11      |
| EXISTING ELEV. OF LEFT BANK          | 0.45  | 1.09  | 0.38  | 0.34  | 0.86  | 0.23  | 0.44  | 0.19  | 0.17  | 0.39  | 0.06  | 0.00  | 0.22  | 0.27  | 0.72  | 0.56  | 0.98       |
| EXISTING ELEV. OF RIGHT BANK         | 1.14  | 1.28  | 0.05  | 0.35  | 0.62  | 0.56  | 0.41  | 0.23  | 0.13  | 0.38  | 0.34  | -0.17 | -0.05 | -0.06 | 0.17  | -0.19 | 0.15       |
| EXISTING BOTTOM ELEV. OF KHLONG      | -2.57 | -2.77 | -2.55 | -1.59 | -1.77 | -2.15 | -2.47 | -2.57 | -1.42 | -1.75 | -2.20 | -1.71 | -2.53 | -0.98 | -1.51 | -1.89 | -2.06      |
| ACCUMULATE DISTANCE (K.M.)           | 0.00  | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.20  | 1.40  | 1.60  | 1.80  | 2.00  | 2.20  | 2.40  | 2.60  | 2.80  | 3.00  | 3.20 (END) |
| NO                                   | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16         |

**LEGEND**

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

|   |   |
|---|---|
| DWG. F.33   | KLONG IMPROVEMENT (PROFILE) -K.BANG NA JEN- |
| <b>FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK</b> |   |





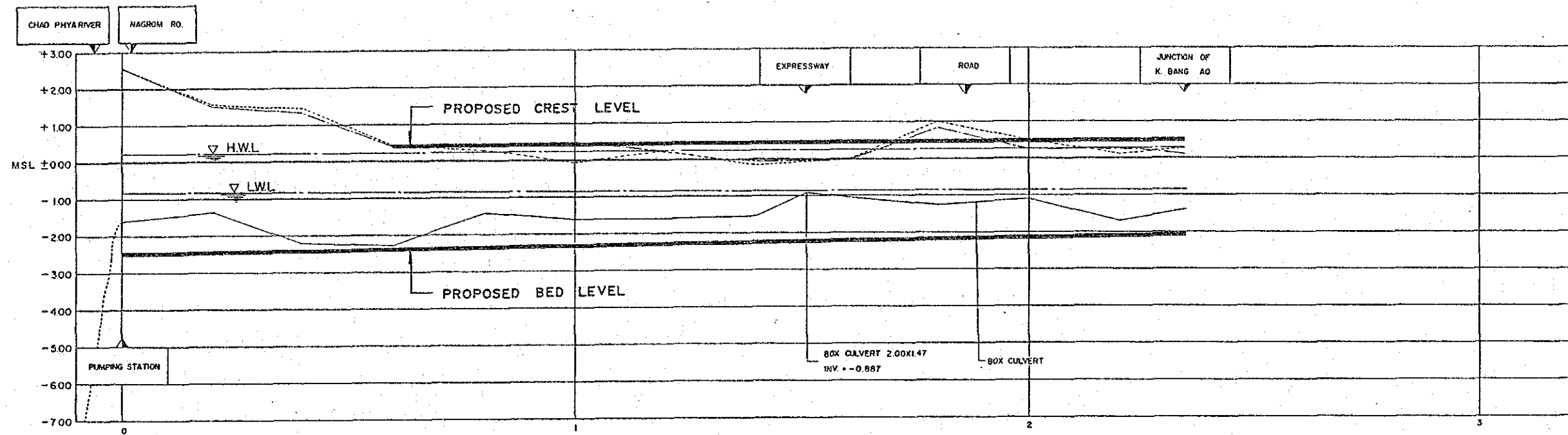
|                                      |       |       |       |       |       |       |       |       |            |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| PROPOSED TOP ELEV. OF RETAINING WALL | 2.50  | 0.00  | 0.80  |       |       |       |       |       | 0.80       |
| PROPOSED BOTTOM ELEV. OF KHLONG      | -2.50 | -2.41 | -2.32 | -2.24 | -2.15 | -2.06 | -1.97 | -1.88 | -1.80      |
| EXISTING ELEV. OF LEFT BANK          | 2.48  | 0.75  | 1.01  | 0.50  | 0.53  | 0.39  | 0.13  |       | 0.21       |
| EXISTING ELEV. OF RIGHT BANK         | 2.49  | 0.45  | 1.23  | 0.50  | 0.23  | 0.37  | 0.56  |       | 0.60       |
| EXISTING BOTTOM ELEV. OF KHLONG      | -1.51 | -1.23 | -1.81 | -1.24 | -1.43 | -1.71 | -1.37 |       | -1.80      |
| ACCUMULATE DISTANCE (K.M.)           | 0.00  | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.20  |       | 1.58 (END) |
| NO.                                  | 0     | 1     | 2     | 3     | 4     | 5     | 6     |       | 7          |

**LEGEND**

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

|  |                                     |
|--|-------------------------------------|
| DWG. F.34  | KLONG IMPROVEMENT (PROFILE) -K.JEK- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |                                     |

K. J. J. No. 0-16.7

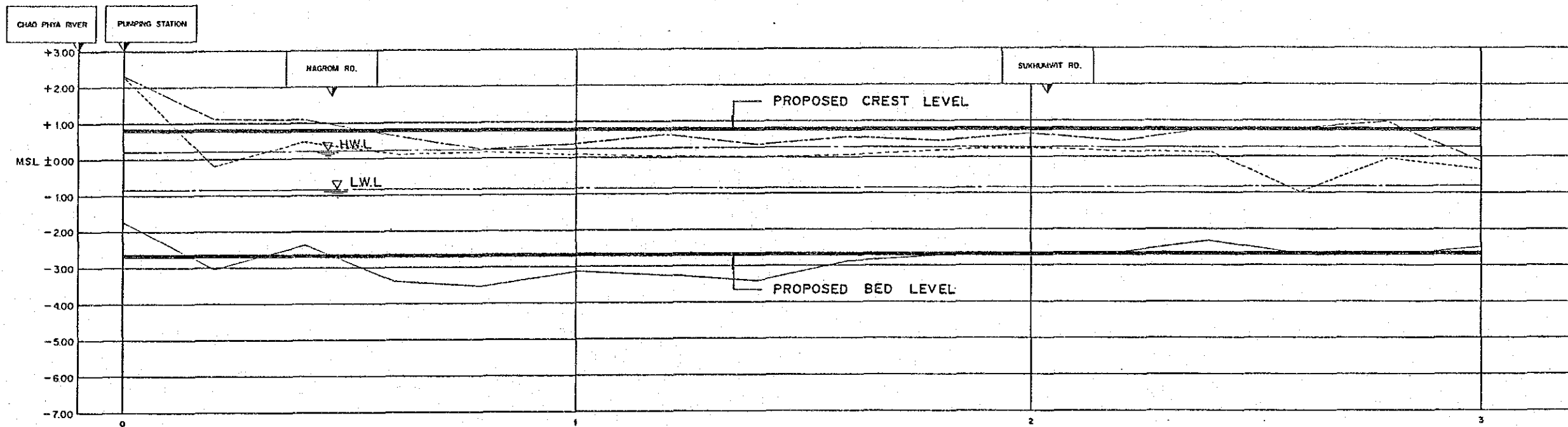


|                                     |       |       |       |       |       |       |       |       |       |       |       |       |            |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| PROPOSED TOP ELEV OF RETAINING WALL | 2.90  | 1.90  | 1.30  | 0.50  |       | 0.50  |       |       |       |       |       |       | 0.50       |
| PROPOSED BOTTOM ELEV OF KHLONG      | -2.90 | -2.47 | -2.42 | -2.40 | -2.36 | -2.33 | -2.30 | -2.26 | -2.23 | -2.19 | -2.15 | -2.13 | -2.10      |
| EXISTING ELEV OF LEFT BANK          | 2.56  | 1.54  | 1.33  | 0.42  | 0.45  | 0.52  | 0.24  | -0.03 | -0.04 | 0.85  | 0.26  | 0.28  | 0.10       |
| EXISTING ELEV OF RIGHT BANK         | 2.56  | 1.37  | 1.47  | 0.43  | 0.30  | -0.04 | 0.33  | -0.14 | -0.02 | 1.00  | 0.51  | 0.13  | 0.31       |
| EXISTING BOTTOM ELEV OF KHLONG      | -1.54 | -1.31 | -2.19 | -2.23 | -1.40 | -1.59 | -1.58 | -1.32 | -1.03 | -1.23 | -1.08 | -1.71 | -1.39      |
| ACCUMULATE DISTANCE (KM)            | 0.00  | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.20  | 1.40  | 1.60  | 1.80  | 2.00  | 2.20  | 2.35 (END) |
| NO                                  | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12         |

**LEGEND**

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

|  |   |
|--|---|
| DWG. F.35  | KLONG IMPROVEMENT (PROFILE) -K.BANG CHAK- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |



|                                     |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROPOSED TOE ELEV OF RETAINING WALL | 0.80           |       |       |       |       | 0.80  |       |       |       |       | 0.80  |       |       |       |       |       |       | 0.80  |
| PROPOSED BOTTOM ELEV OF KHLONG      | -3.70<br>-2.70 | -2.69 | -2.69 | -2.68 | -2.68 | -2.67 | -2.68 | -2.66 | -2.65 | -2.65 | -2.64 | -2.64 | .63   | -2.63 | -2.62 | -2.62 | -2.62 | -2.61 |
| EXISTING ELEV OF LEFT BANK          | 2.27           | 1.11  | 1.08  | 0.64  | 0.24  | 0.38  | 0.83  | 0.36  | 0.58  | 0.46  | 0.65  | 0.46  | 0.46  | 0.76  | 0.79  | 0.86  | 0.86  | -0.09 |
| EXISTING ELEV OF RIGHT BANK         | 2.27           | -0.20 | 0.48  | 0.12  | 0.16  | 0.09  | 0.03  | 0.02  | 0.06  | 0.20  | 0.25  | 0.17  | 0.16  | -0.38 | -0.04 | -0.04 | -0.35 | -0.35 |
| EXISTING BOTTOM ELEV OF KHLONG      | -1.73          | -3.00 | -2.37 | -3.37 | -3.32 | -3.12 | -3.23 | -3.39 | -2.85 | -2.70 | -2.67 | -2.62 | -2.32 | -2.67 | -2.72 | -2.72 | -2.49 | -2.49 |
| ACCUMULATE DISTANCE (KM)            | 0.00           | 0.20  | 0.40  | 0.60  | 0.80  | 1.00  | 1.20  | 1.40  | 1.60  | 1.80  | 2.00  | 2.20  | 2.40  | 2.60  | 2.80  | 3.00  |       |       |
| NO                                  | 0              | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    |       |       |

LEGEND

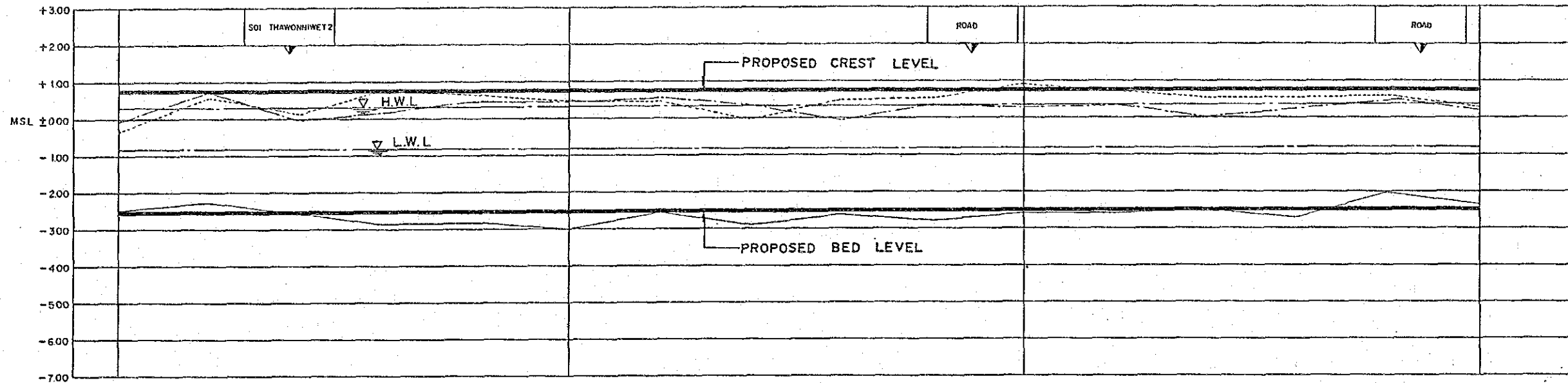
- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

DWG. F.36 KLONG IMPROVEMENT (PROFILE) -K.BANG NA(1)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

V. B. S. J. No. 0-10-15

K. Bang Na No. 13 No. 30

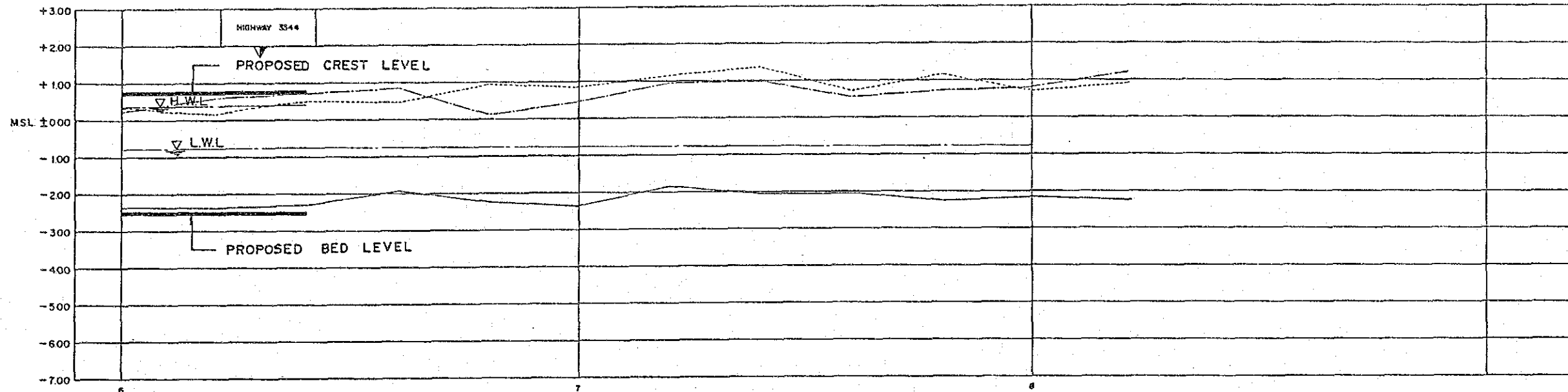


|  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PROPOSED TOPELEV<br>OF<br>RETAINING WALL | 0.80  | 0.80  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 0.80  |
| PROPOSED BOTTOM<br>ELEV OF<br>KHLONG     | -2.61 | -2.60 | -2.60 | -2.59 | -2.59 | -2.58 | -2.57 | -2.57 | -2.57 | -2.56 | -2.56 | -2.55 | -2.54 | -2.54 | -2.54 | -2.53 | -2.53 | -2.53 | -2.53 | -2.52 | -2.52 | -2.52 |
| EXISTING ELEV.<br>OF<br>LEFT BANK        | -0.09 | 0.70  | -0.04 | 0.17  | 0.47  | 0.46  | 0.36  | 0.36  | 0.35  | -0.04 | 0.36  | 0.28  | 0.36  |       | 0.03  | 0.23  | -0.48 | -0.48 | 0.25  | 0.25  | 0.25  |       |
| EXISTING ELEV<br>OF<br>RIGHT BANK        | -0.33 | 0.56  | 0.13  | 0.74  | 0.63  | 0.47  | 0.47  | -0.02 | 0.48  | 0.54  | 0.92  | 0.73  | 0.56  | 0.56  | 0.55  | 0.62  | 0.62  | 0.62  | 0.30  | 0.30  | 0.30  |       |
| EXISTING BOTTOM<br>ELEV OF<br>KHLONG     | -2.49 | -2.26 | -2.56 | -2.84 | -2.61 | -2.99 | -2.54 | -2.98 | -2.59 | -2.76 | -2.57 | -2.58 | -2.46 | -2.69 | -2.02 | -2.02 | -2.02 | -2.02 | -2.32 | -2.32 | -2.32 |       |
| ACCUMULATE<br>DISTANCE<br>(K.M.)         | 3.00  | 3.20  | 3.40  | 3.60  | 3.80  | 4.00  | 4.20  | 4.40  | 4.60  | 4.80  | 5.00  | 5.20  | 5.40  | 5.60  | 5.80  | 6.00  | 6.00  | 6.00  | 6.00  | 6.00  | 6.00  |       |
| NO.                                      | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    |       |       |       |       |       |       |

**LEGEND**

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

DWG. F.37      KLONG IMPROVEMENT (PROFILE) -K.BANG NA(2)-  
**FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK**



|                                      |       |       |       |       |       |       |       |       |       |       |       |            |  |  |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--|--|
| PROPOSED TOP ELEV. OF RETAINING WALL | 0.80  |       |       |       |       |       |       |       |       |       |       |            |  |  |
| PROPOSED BOTTOM ELEV. OF KHLONG      | -2.52 | -2.51 | -2.51 |       |       |       |       |       |       |       |       |            |  |  |
| EXISTING ELEV. OF LEFT BANK          | 0.23  | 0.62  | 0.72  | 0.66  | 0.13  | 0.45  | 0.94  | 0.98  | 0.56  | 0.72  | 0.79  | 1.22       |  |  |
| EXISTING ELEV. OF RIGHT BANK         | 0.30  | 0.17  | 0.91  | 0.48  | 0.95  | 0.84  | 1.15  | 1.36  | 0.71  | 1.17  | 0.69  | 0.92       |  |  |
| EXISTING BOTTOM ELEV. OF KHLONG      | -2.32 | -2.36 | -2.29 | -1.91 | -2.23 | -2.36 | -1.84 | -2.06 | -2.03 | -2.26 | -2.15 | -2.23      |  |  |
| ACCUMULATE DISTANCE (K.M.)           | 6.00  | 6.20  | 6.40  | 6.60  | 6.80  | 7.00  | 7.20  | 7.40  | 7.60  | 7.80  | 8.00  | 8.21 (END) |  |  |
| NO                                   | 30    | 31    | 32    | 33    | 34    | 35    | 36    | 37    | 38    | 39    | 40    | 41         |  |  |

LEGEND

- EXISTING RIGHT GROUND LINE
- EXISTING LEFT GROUND LINE
- EXISTING BOTTOM LINE
- PROPOSED CREST AND BED LINE

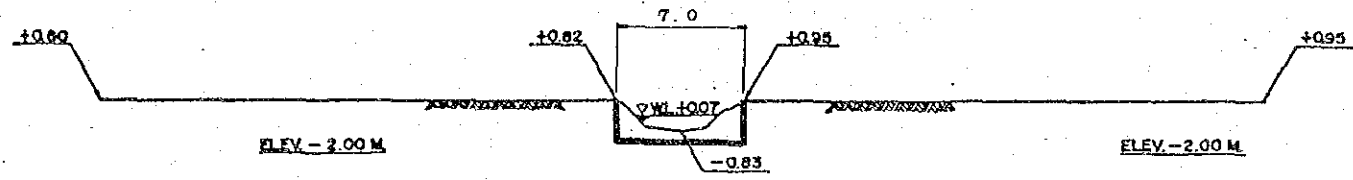
DWG. F.38

KLONG IMPROVEMENT (PROFILE) -K.BANG NA(3)-

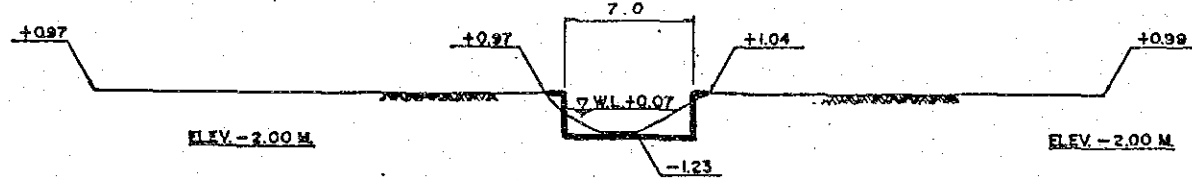
FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

2. Eng. No. 30-11 (End.)

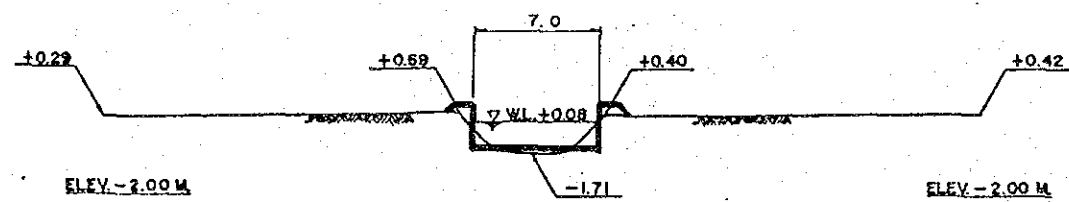
Phya Wake (Huay Kum Bay)



X-2 STA. 2+000 ( 9.34, 18/6 )

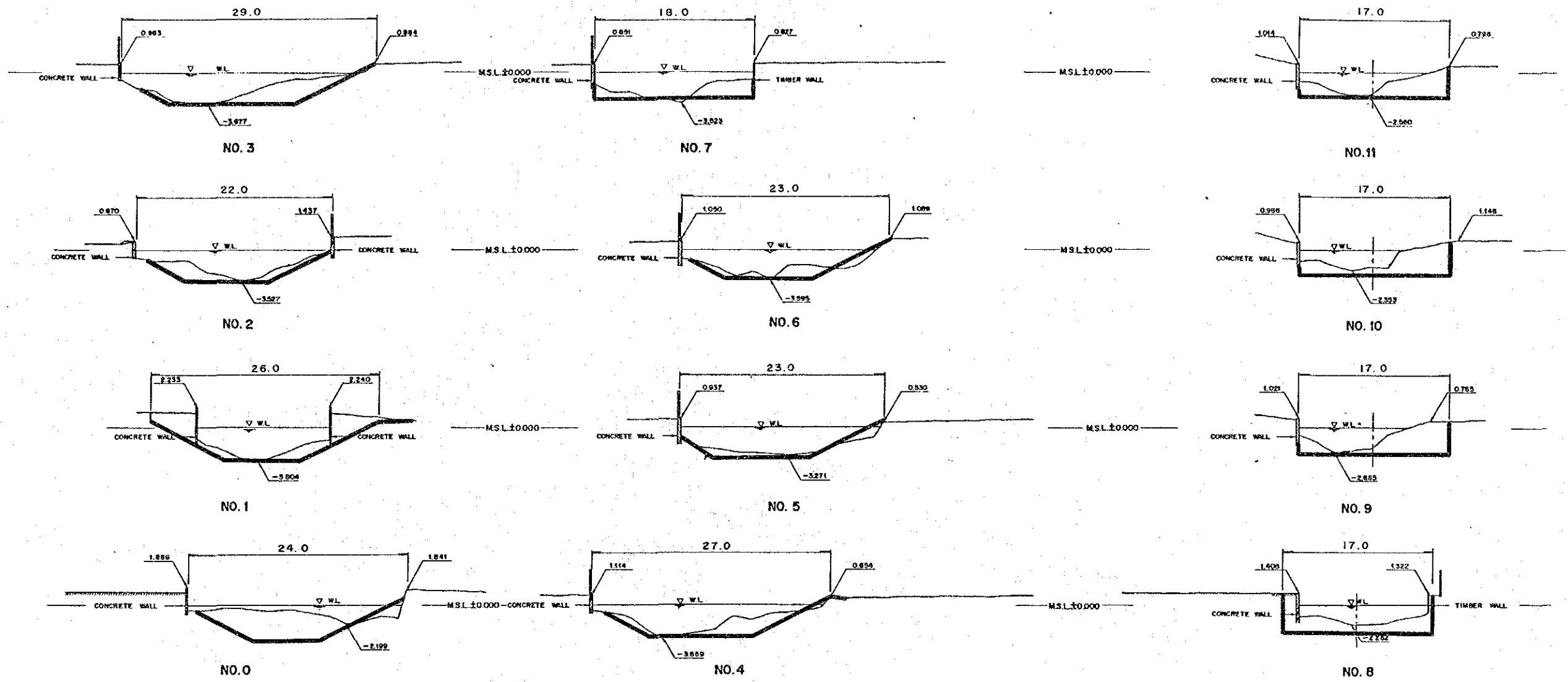


X-1 STA. 1+000 ( 9.44, 18/6 )

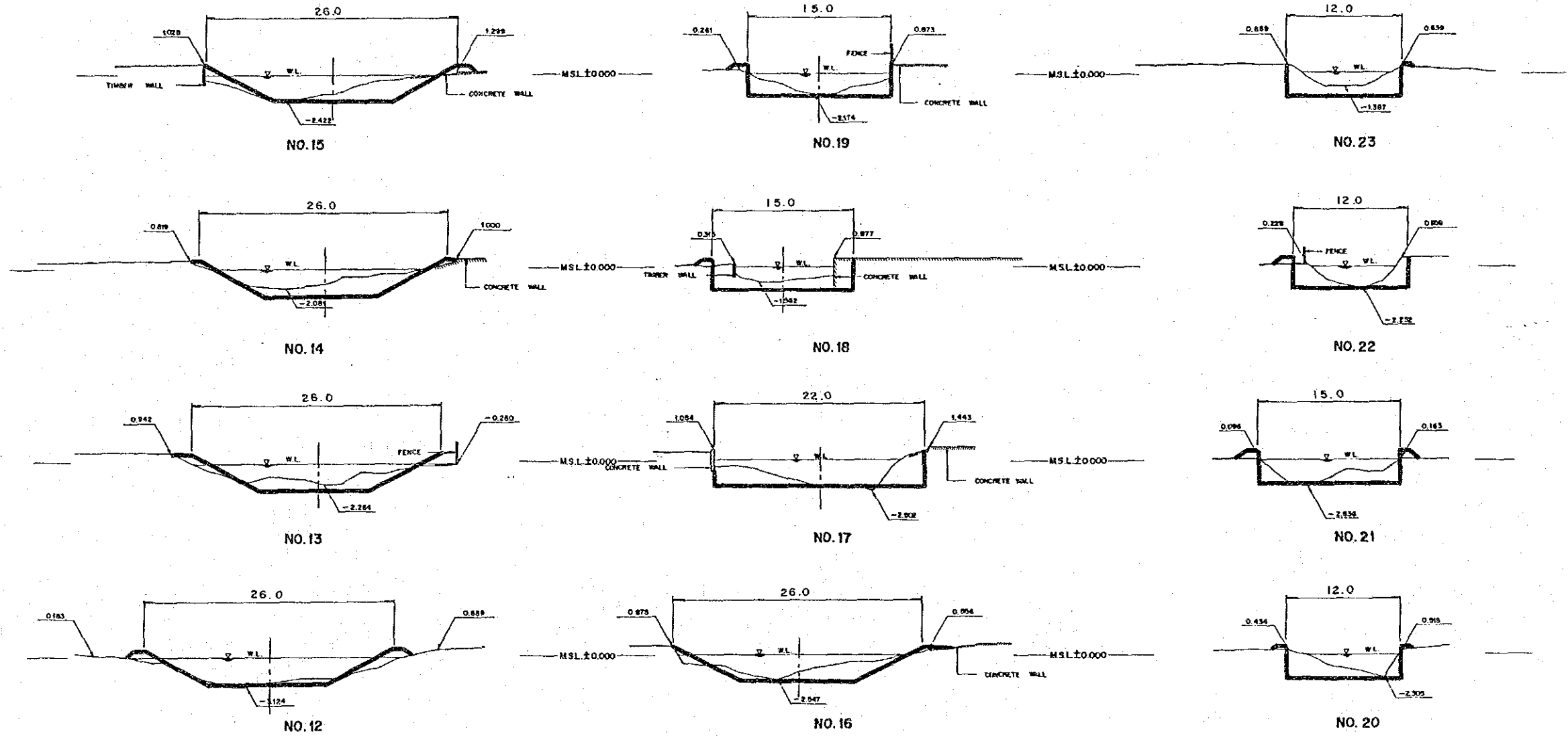


X-0 STA. 0+000 ( 13.20, 18/6 )

|  |  |
|--|--|
| DWG. F.39  | KLONG IMPROVEMENT (CROSS SECTION) -K.PHAYA WAKE- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |

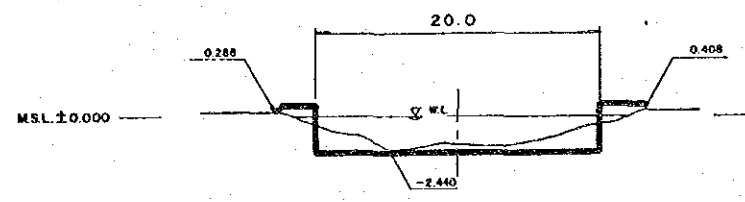


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|--|---|
| DWG. F.40  | KLONG IMPROVEMENT (CROSS SECTION) -K.BANG SUE(1)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

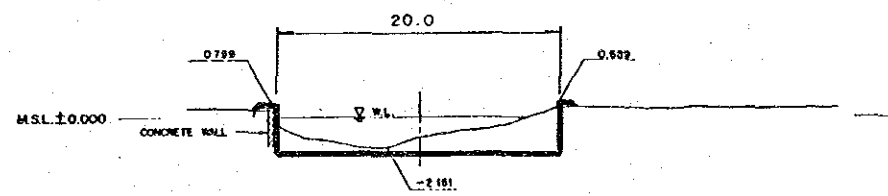


|  |   |
|--|---|
| DWG. F.41  | KLONG IMPROVEMENT (CROSS SECTION) -K.BANG SUE(2)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

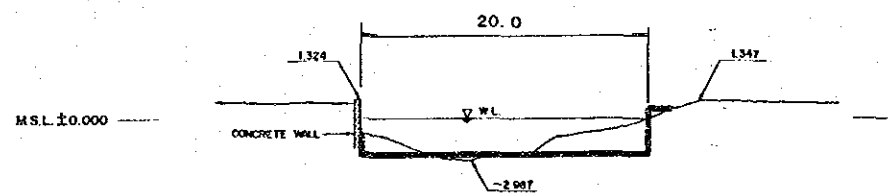




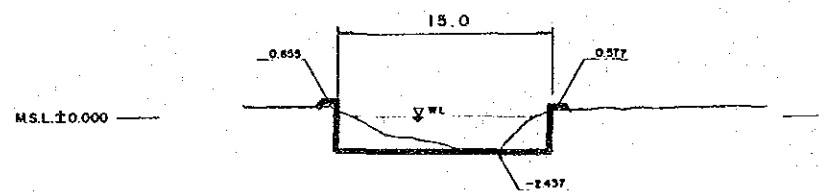
NO. 27



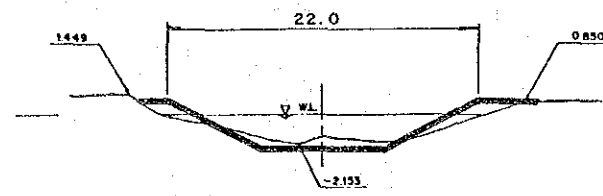
NO. 26



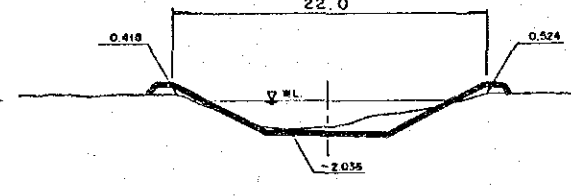
NO. 25



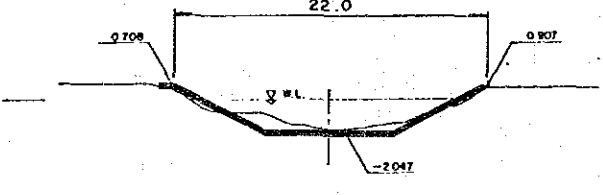
NO. 24



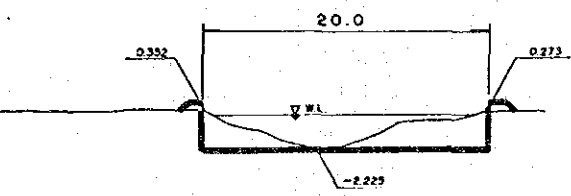
NO. 32



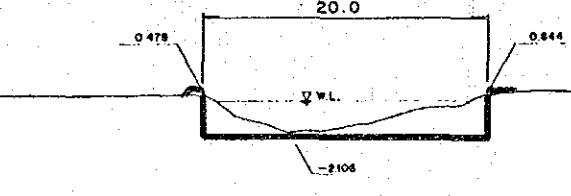
NO. 31



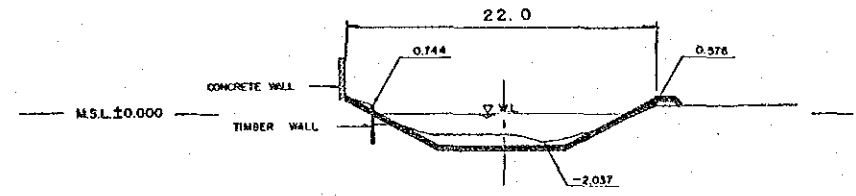
NO. 30



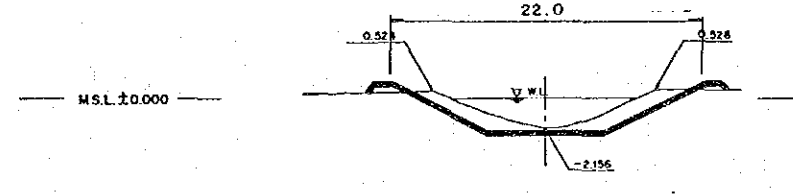
NO. 29



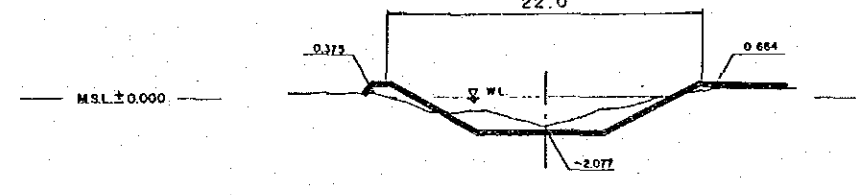
NO. 28



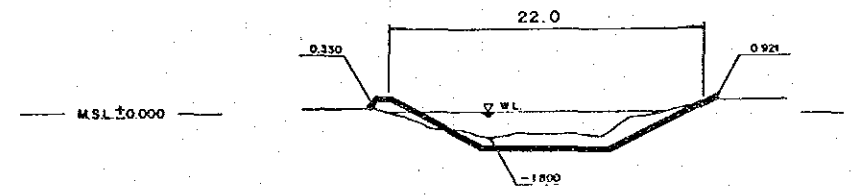
NO. 37 (END)



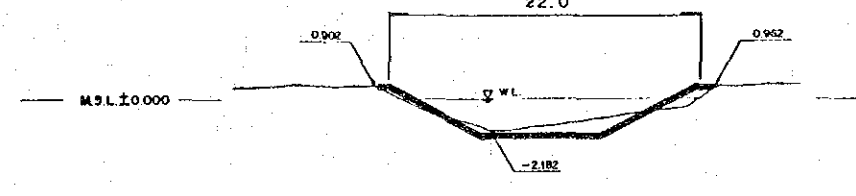
NO. 36



NO. 35

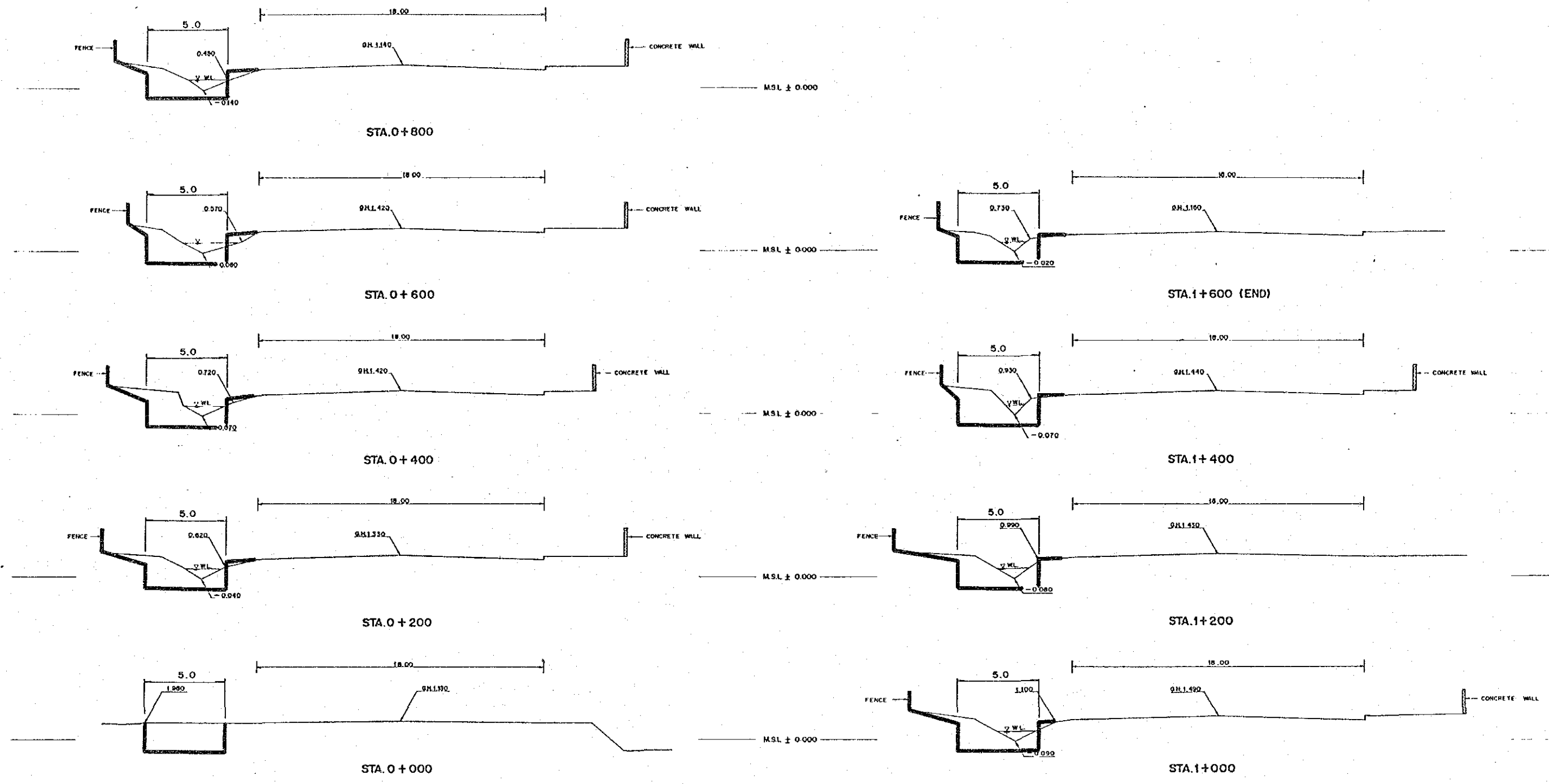


NO. 34

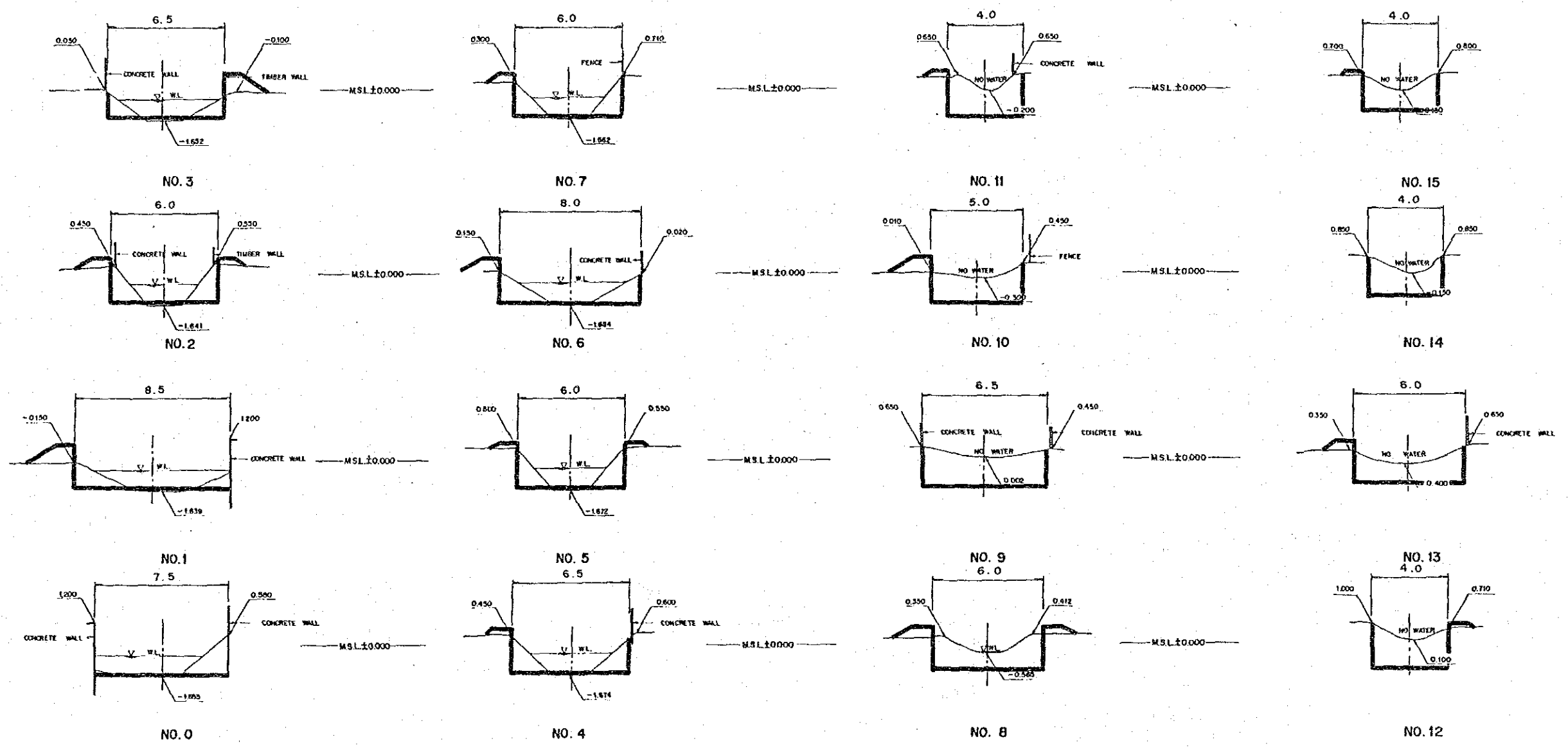


NO. 33

DWG. F.42 KLONG IMPROVEMENT (CROSS SECTION) -K.BANG SUE(3)-  
 FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

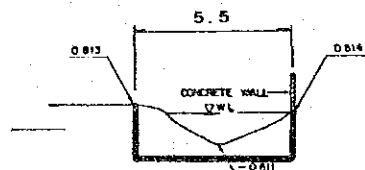


|  |  |
|--|--|
| DWG. F.43  | KLONG IMPROVEMENT (CROSS SECTION) -KASESART- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |

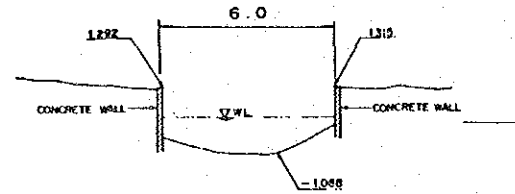


Klong Song & Huay Kwang

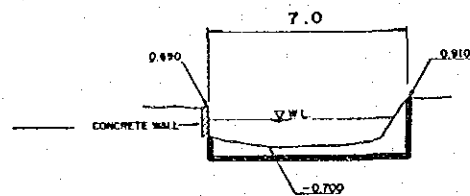
|  |   |
|--|---|
| DWG. F.44  | KLONG IMPROVEMENT (CROSS SECTION)<br>-K.NA SONG, K.HUAY KWANG(1)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |



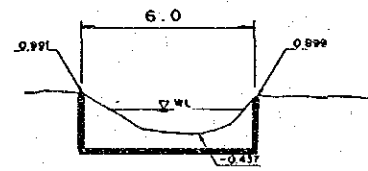
NO. 19



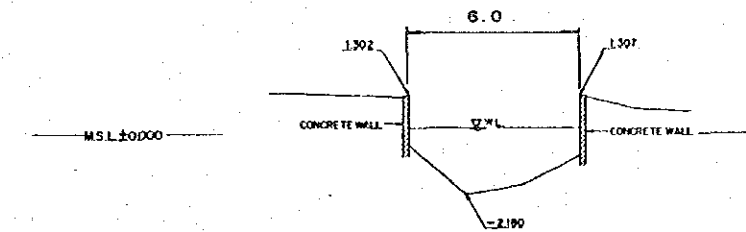
NO. 23



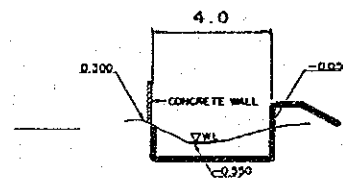
NO. 18



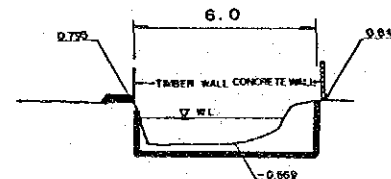
NO. 22



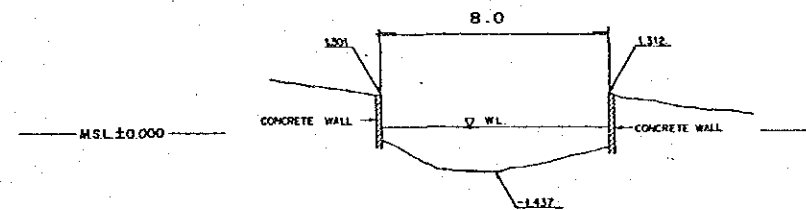
NO. 26 (END)



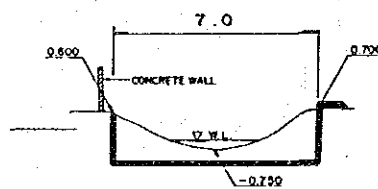
NO. 17



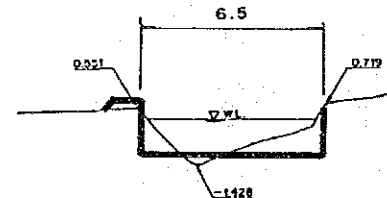
NO. 21



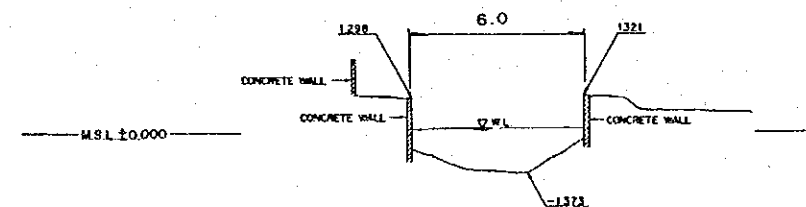
NO. 25



NO. 16



NO. 20



NO. 24

MSL ±0.000

MSL ±0.000

MSL ±0.000

MSL ±0.000

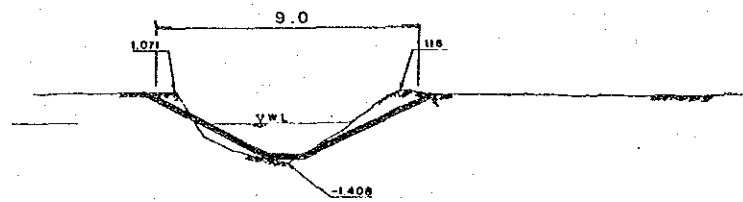
MSL ±0.000

MSL ±0.000

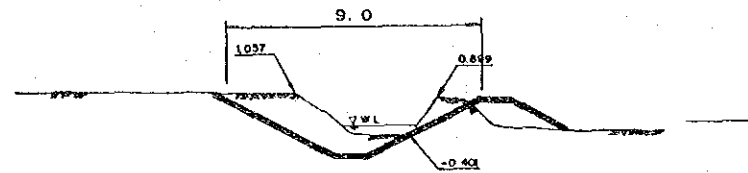
MSL ±0.000

Klong Improvement

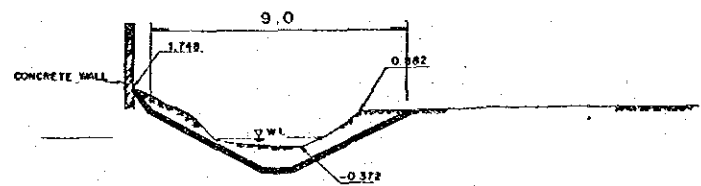
|  |   |
|--|---|
| DWG. F.45  | KLONG IMPROVEMENT (CROSS SECTION)<br>-K.NA SONG, K.HUAY KWANG(2)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |



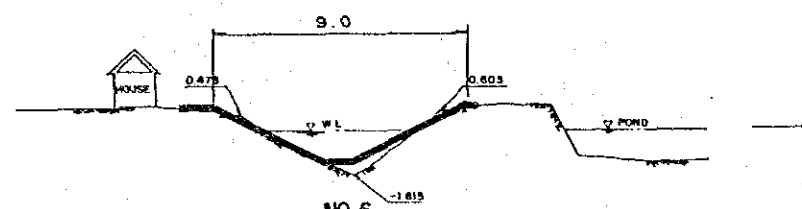
NO. 3



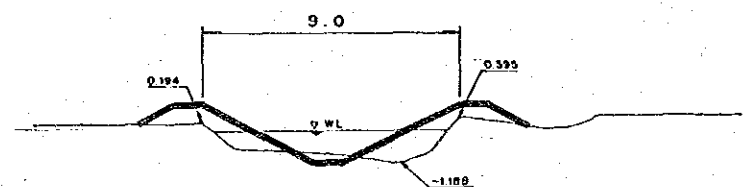
NO. 7



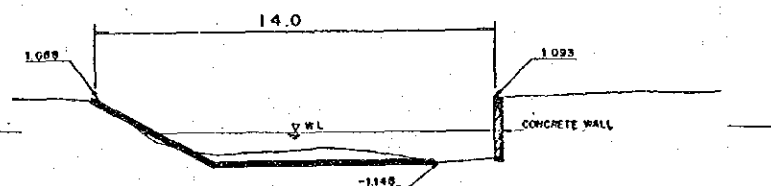
NO. 2



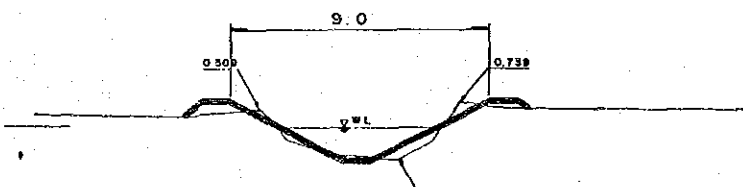
NO. 6



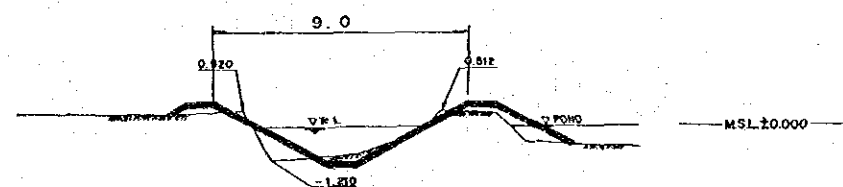
NO. 1



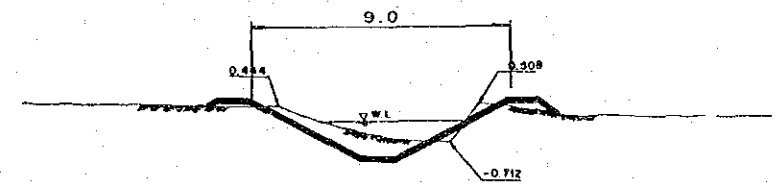
NO. 5



NO. 0



NO. 4

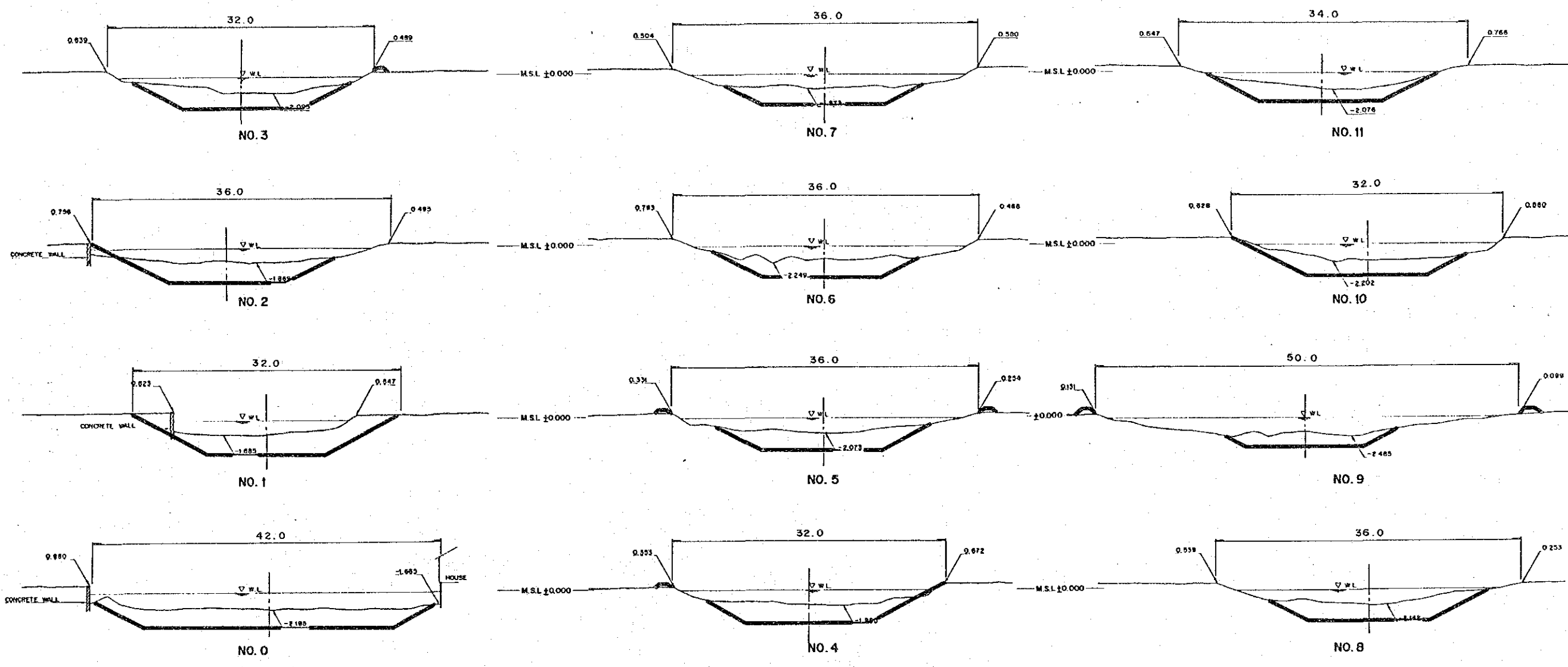


NO. 8(END)

DWG. F.46

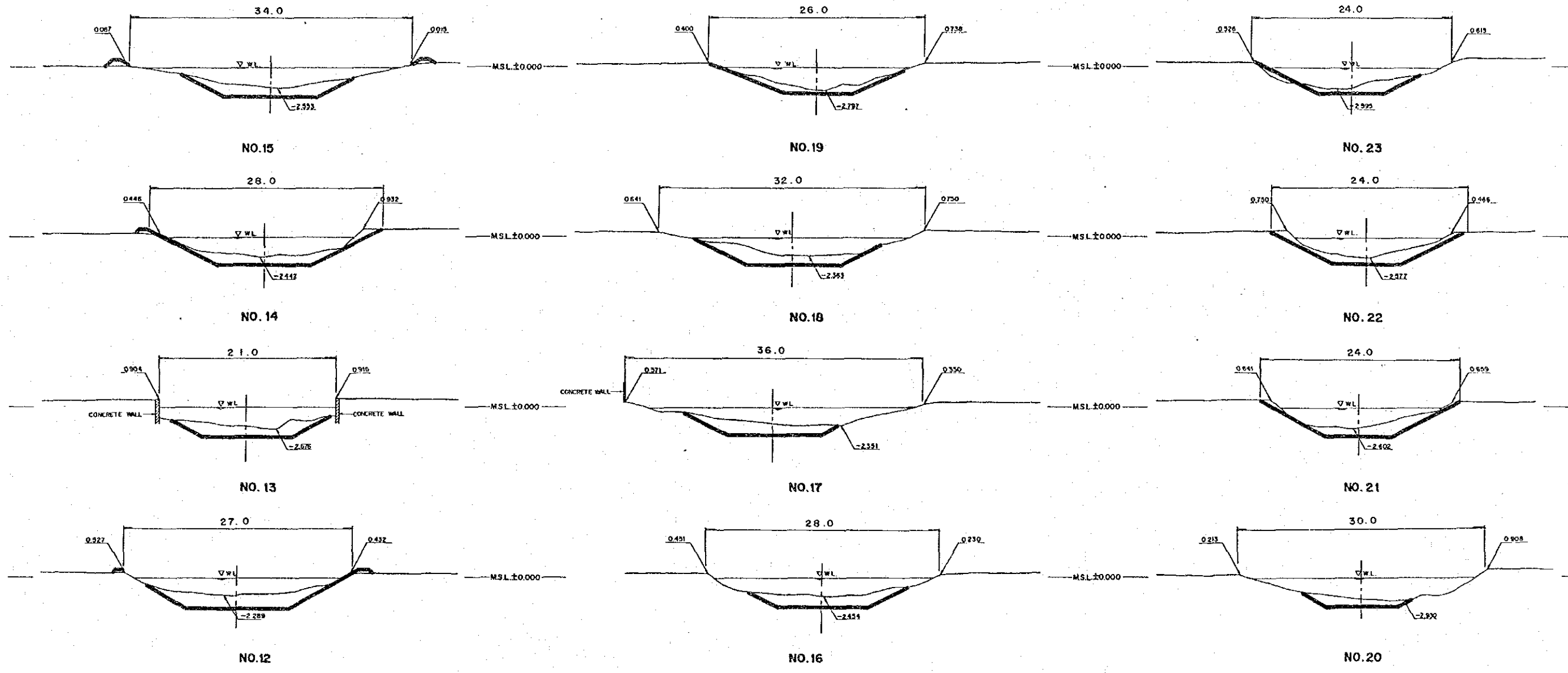
KLONG IMPROVEMENT (CROSS SECTION) -K.YAI SOON-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



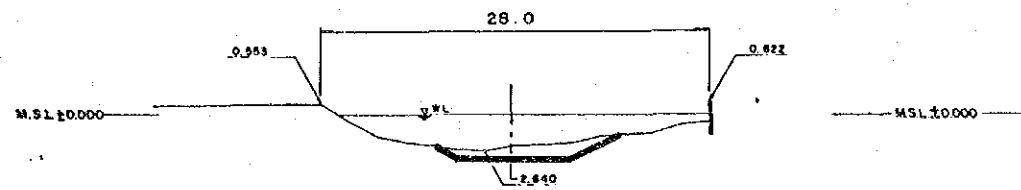
|  |  |
|--|--|
| DWG. F.47  | KLONG IMPROVEMENT (CROSS SECTION) -K.LAT PHRAO(1)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |

Lat Phrao

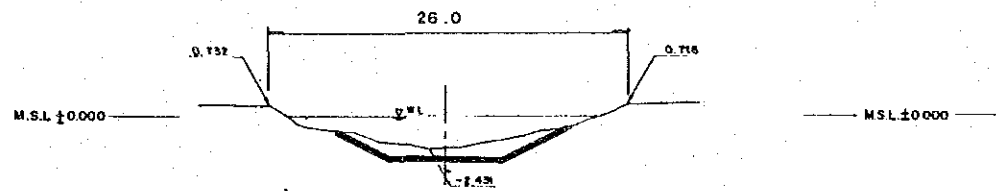


1st Photo - 2

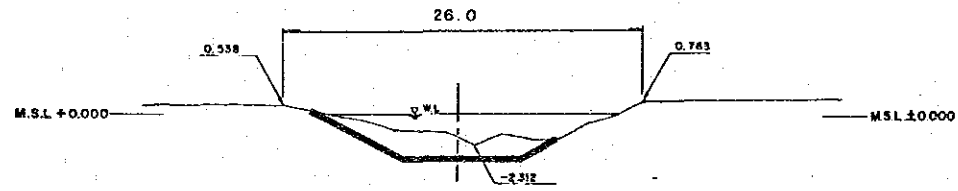
|  |  |
|--|--|
| DWG. F.48  | KLONG IMPROVEMENT (CROSS SECTION) -K.LAT PHRAO(2)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |



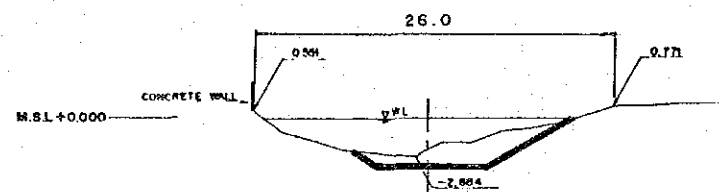
NO. 27



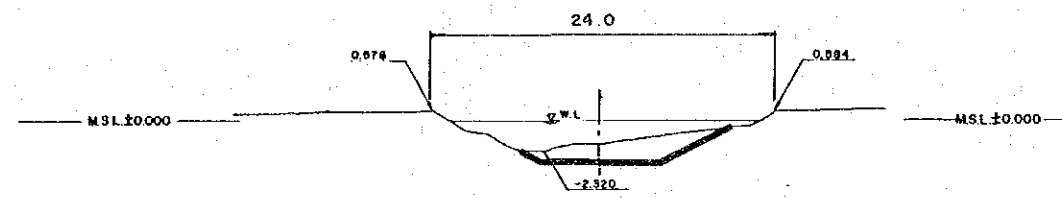
NO. 26



NO. 25



NO. 24



NO. 28 (END)

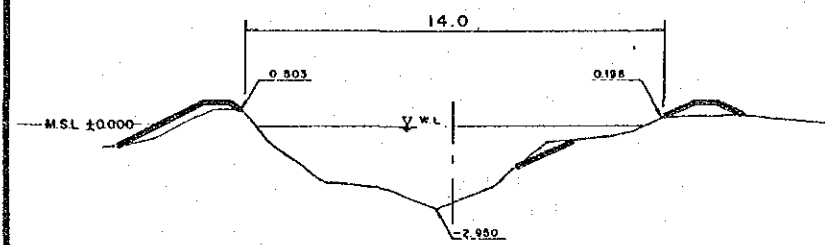
DWG. F.49

KLONG IMPROVEMENT (CROSS SECTION) -K.LAT PHRAO(3)-

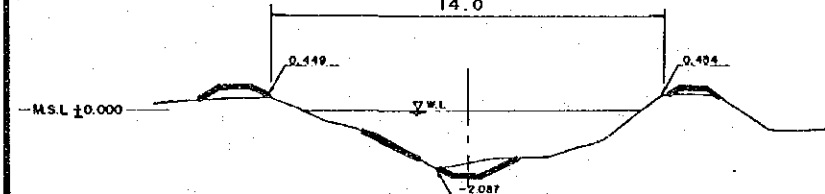
FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



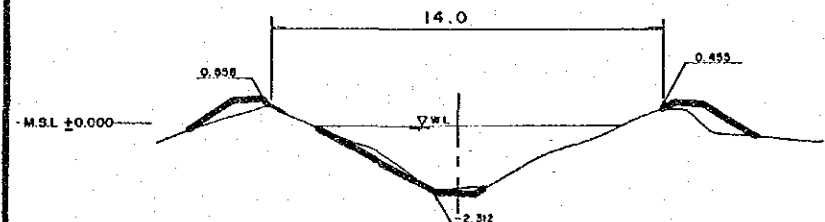
Mr. Chao Sing



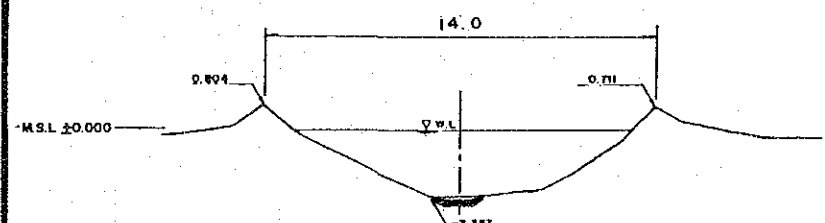
NO. 4



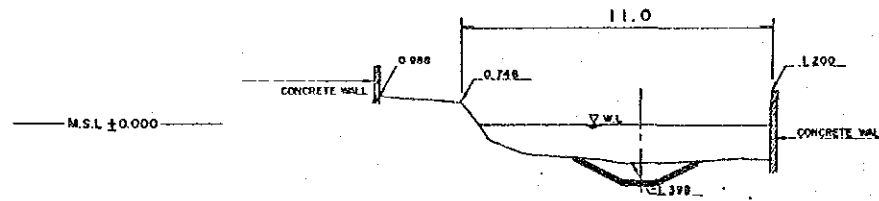
NO. 3



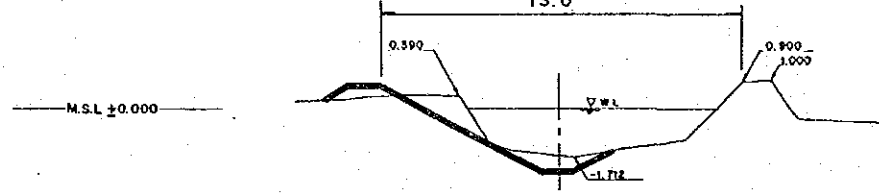
NO. 2



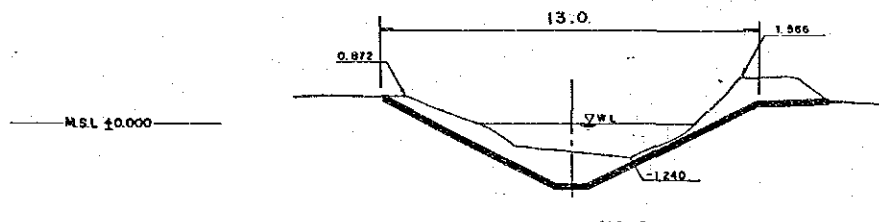
NO. 1



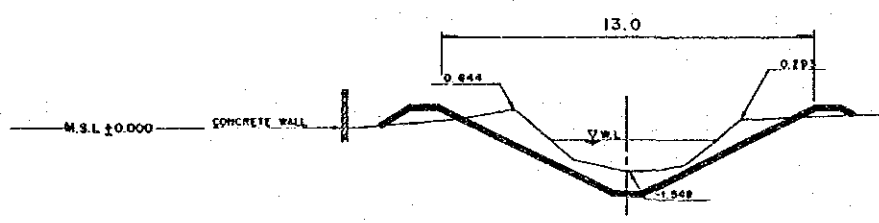
NO. 8



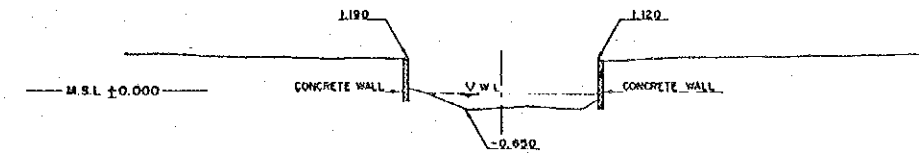
NO. 7



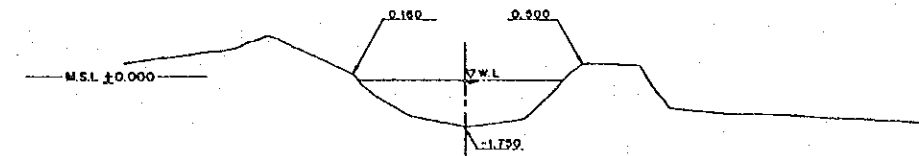
NO. 6



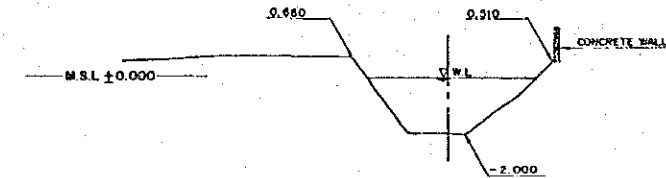
NO. 5



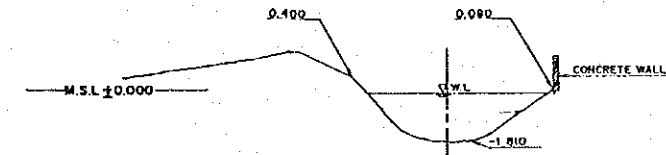
NO. 13 (END)



NO. 12



NO. 11

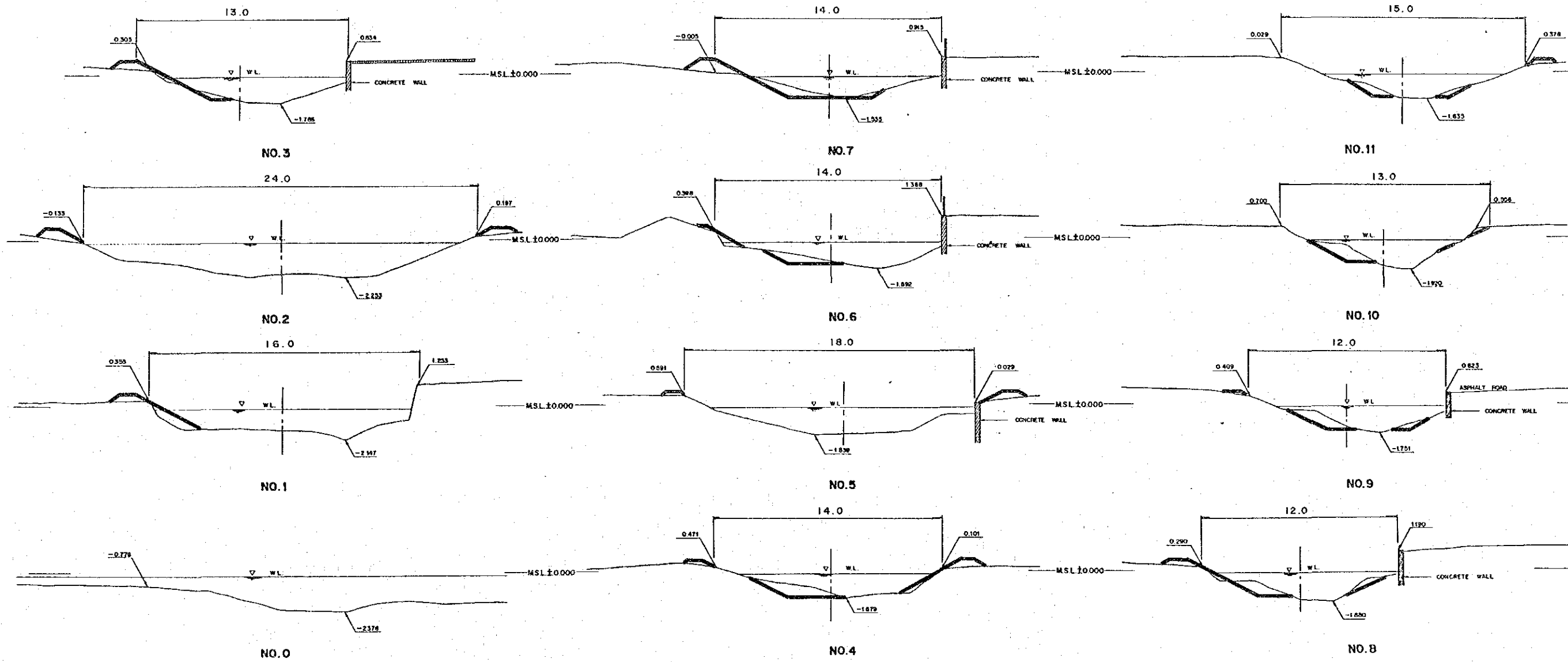


NO. 10

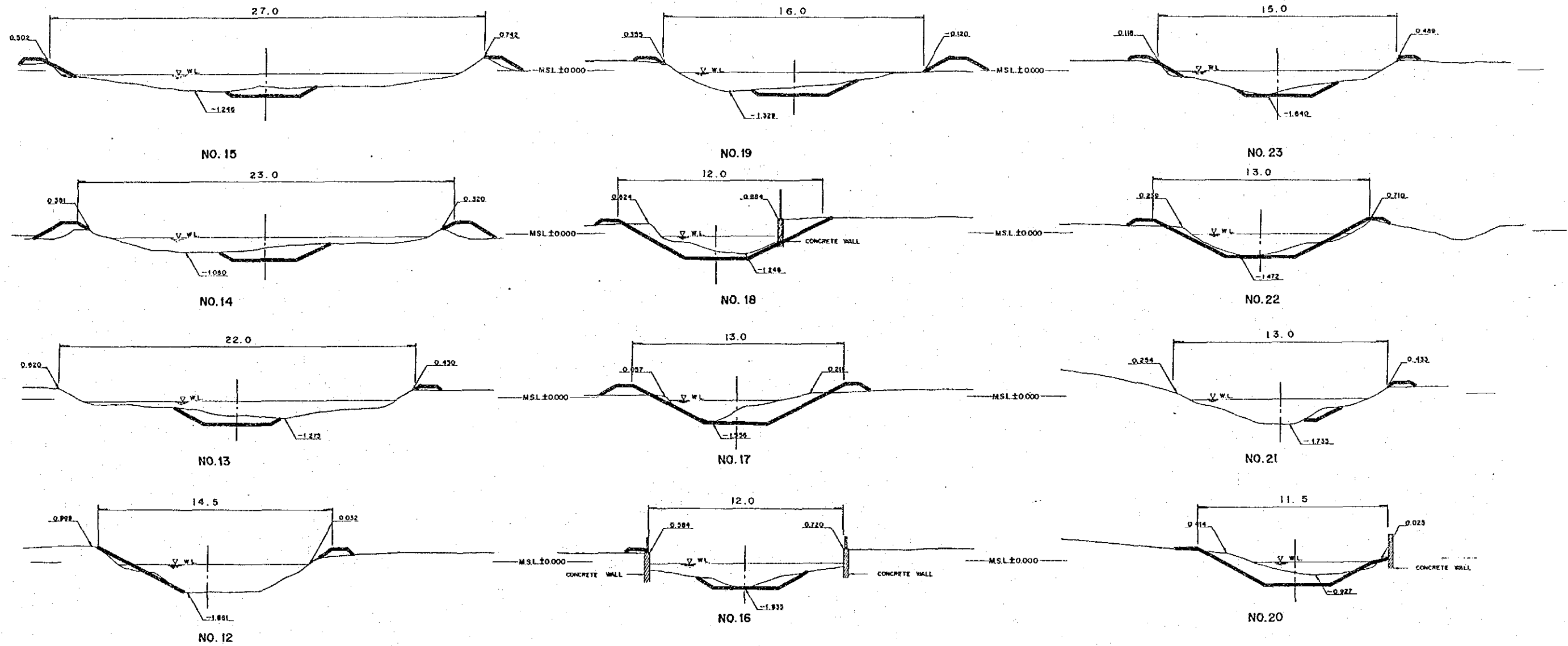


NO. 9

|  |   |
|--|---|
| DWG. F.50  | KLONG IMPROVEMENT (CROSS SECTION) -K. CHAO KHUN SING- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

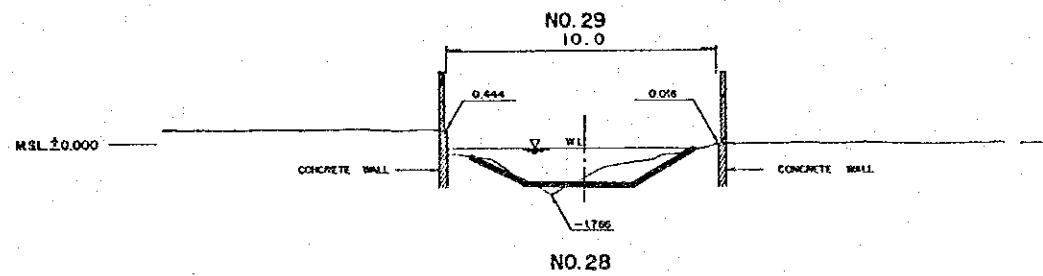
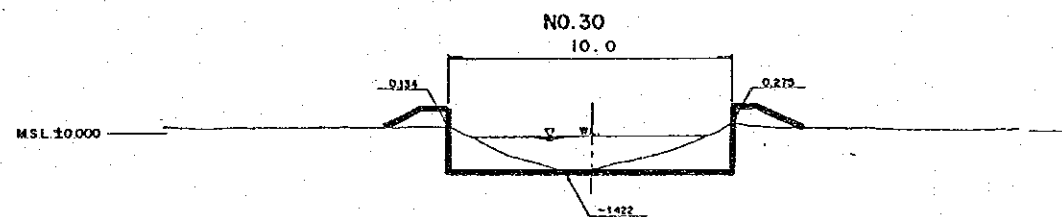
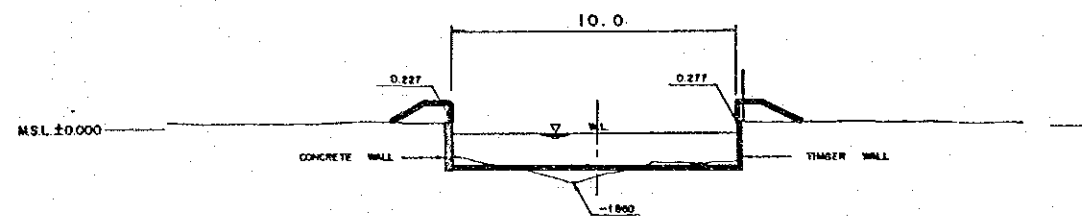
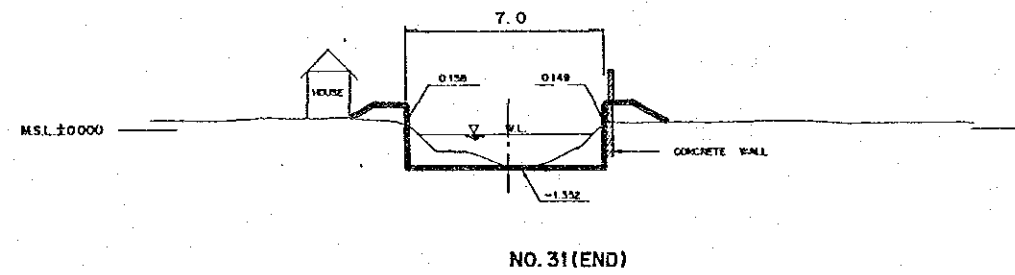
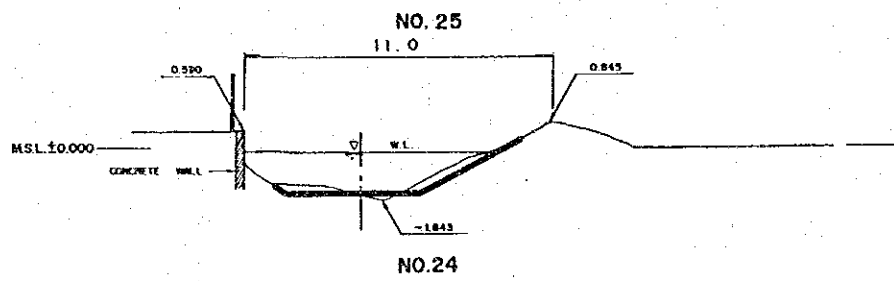
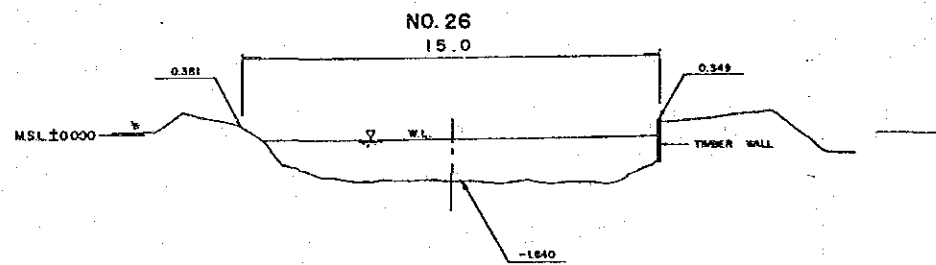
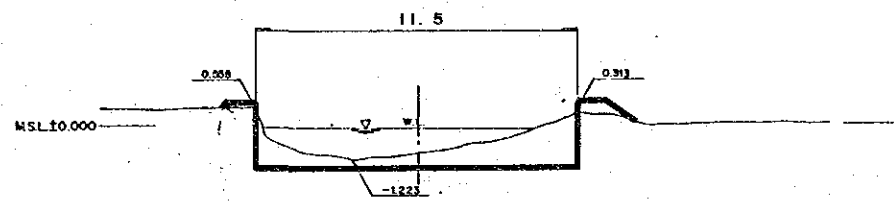
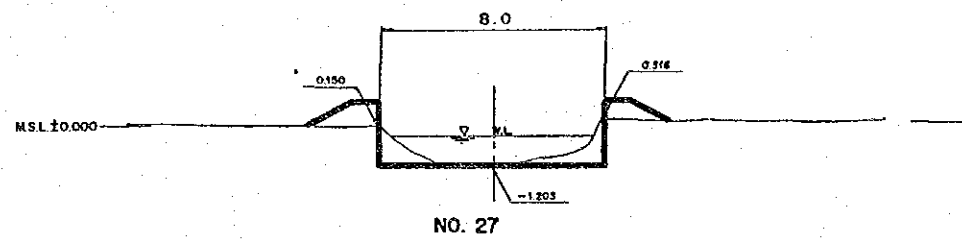


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|--|---|
| DWG. F.51  | KLONG IMPROVEMENT (CROSS SECTION) -K.SAM SAEN(1)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |



|  |   |
|--|---|
| DWG. F.52  | KLONG IMPROVEMENT (CROSS SECTION) -K.SAM SAEN(2)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

S.M. 5/71 - 2



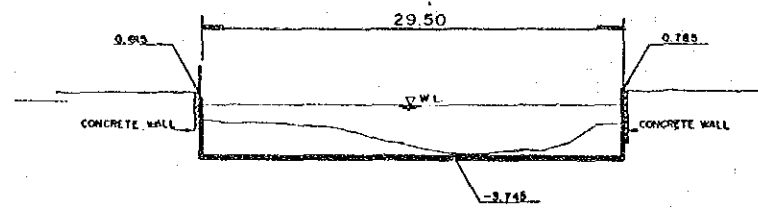
S.111 Sen 3-

DWG. F.53

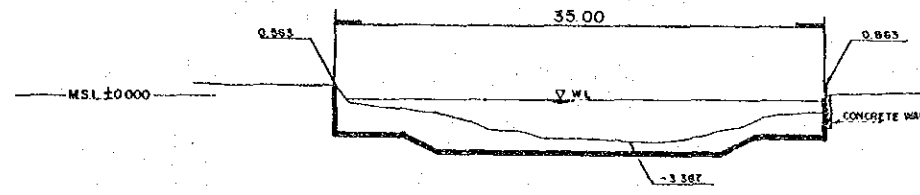
KLONG IMPROVEMENT (CROSS SECTION) -K.SAM SAEN(3)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

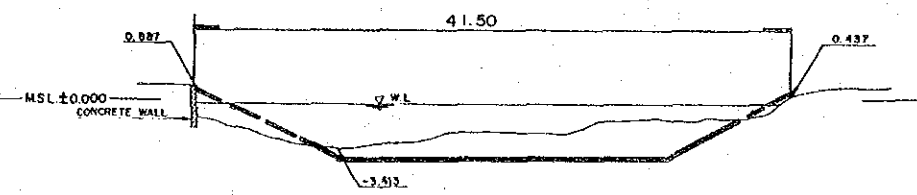
K. Saen Saep (1/4)



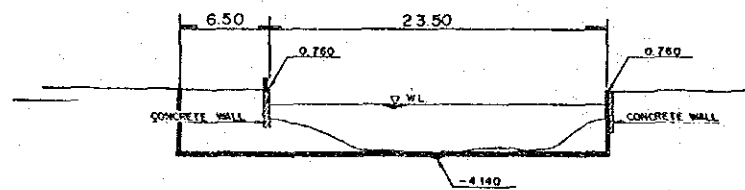
NO. 3



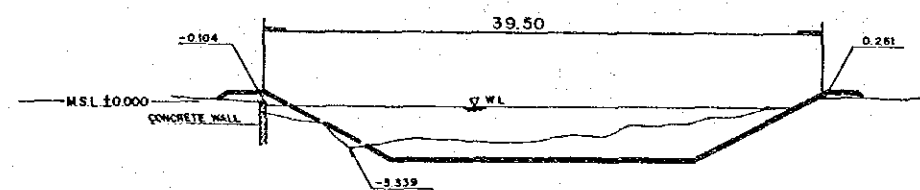
NO. 7



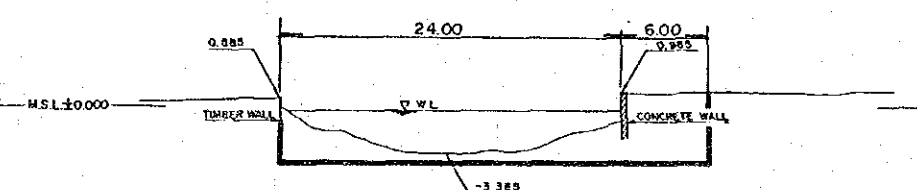
NO. 11



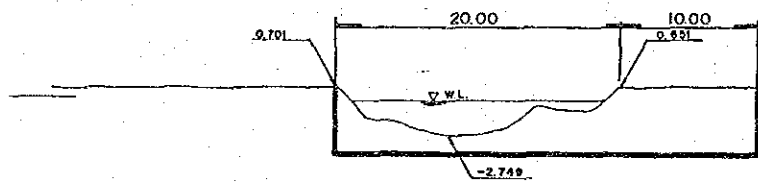
NO. 2



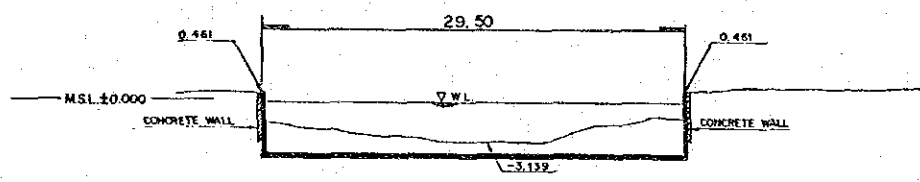
NO. 6



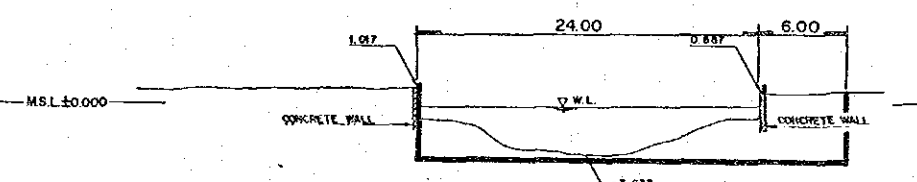
NO. 10



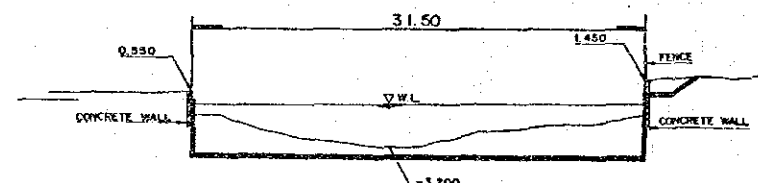
NO. 1



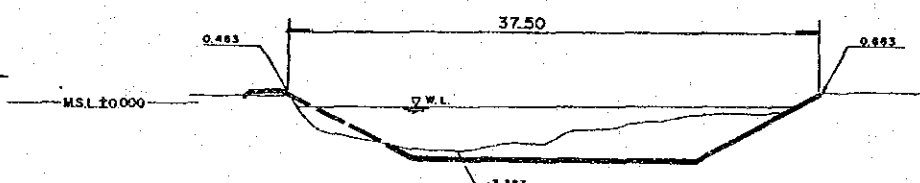
NO. 5



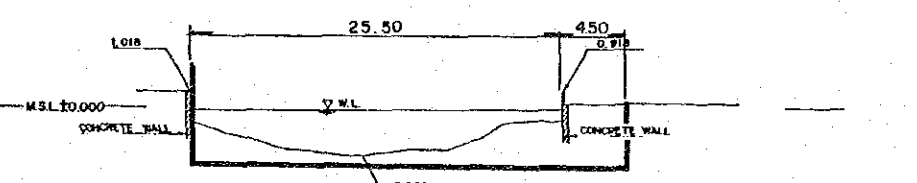
NO. 9



NO. 0

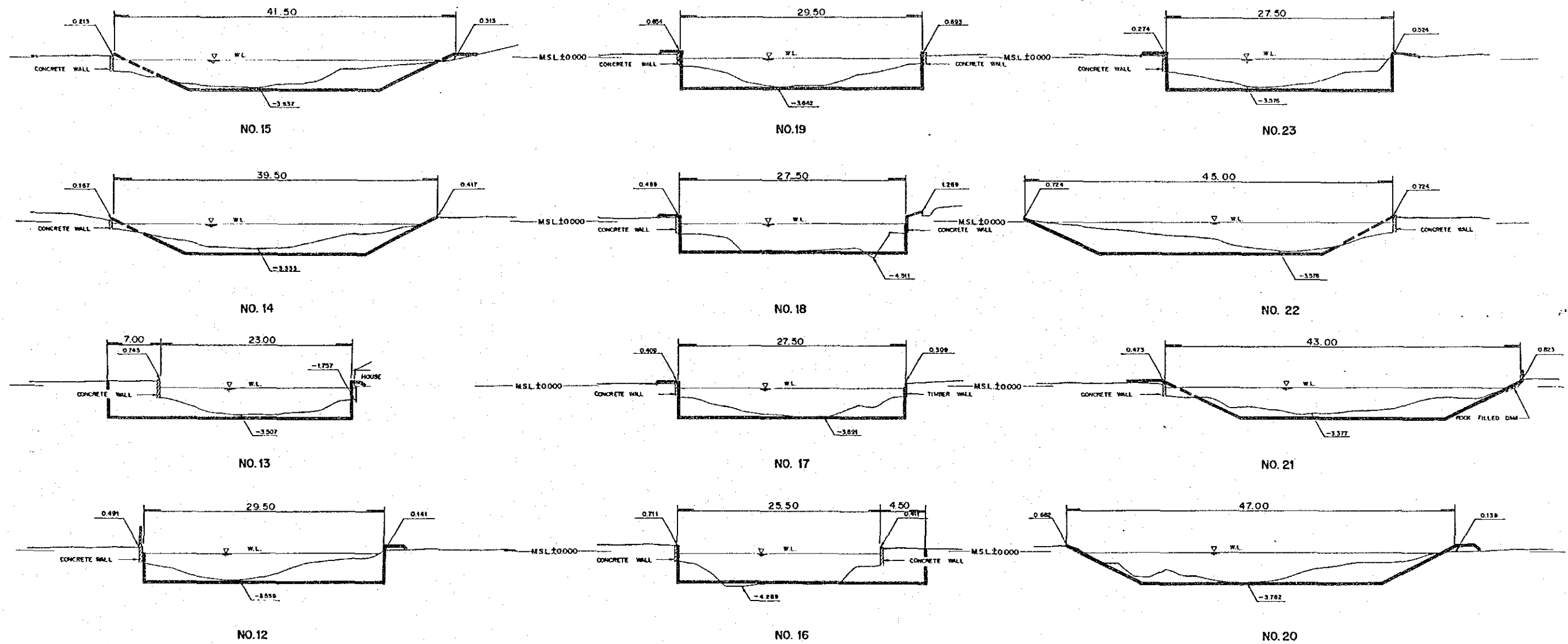


NO. 4



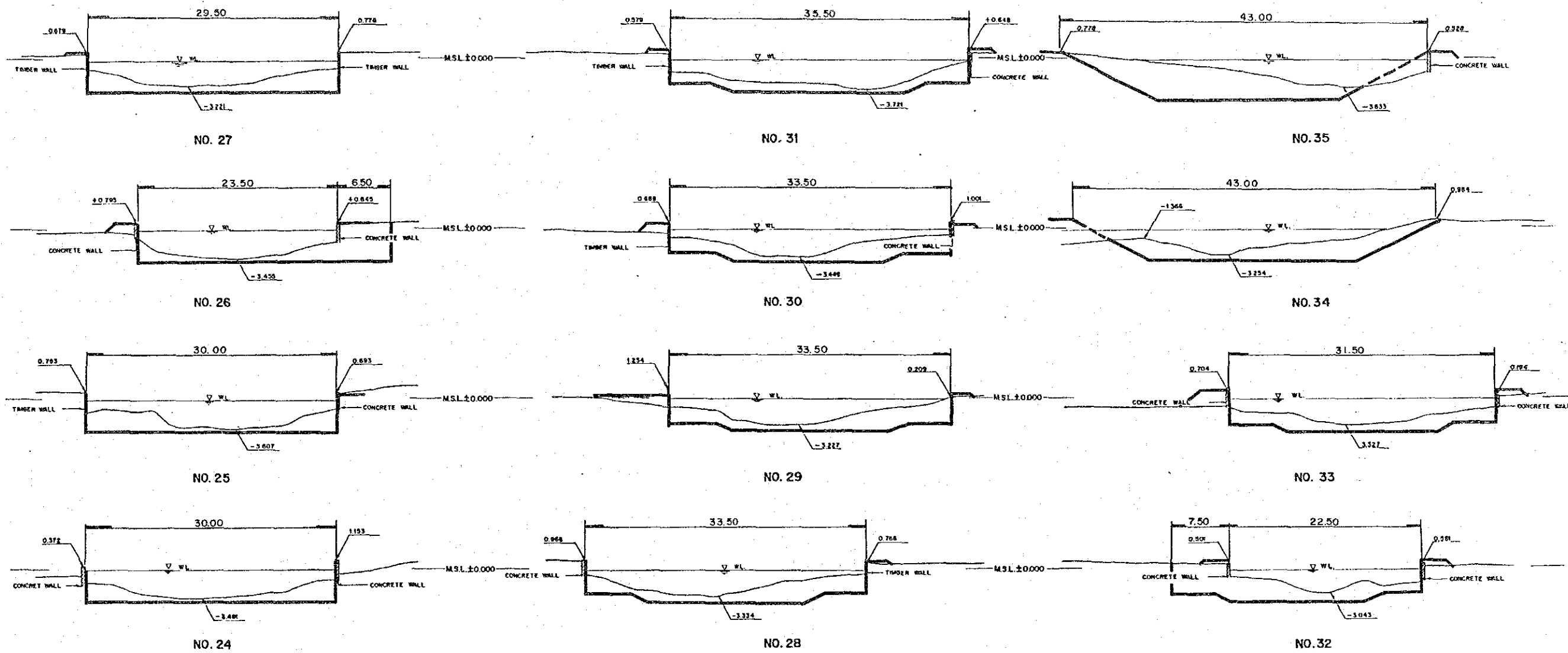
NO. 8

DWG. F.54 KLONG IMPROVEMENT (CROSS SECTION) -K.SAEN SAEP (1)-  
FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



K. Saeng (1/4)

DWG. F.55    KLONG IMPROVEMENT (CROSS SECTION) --K.SAEN SAEP(2)--  
 FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



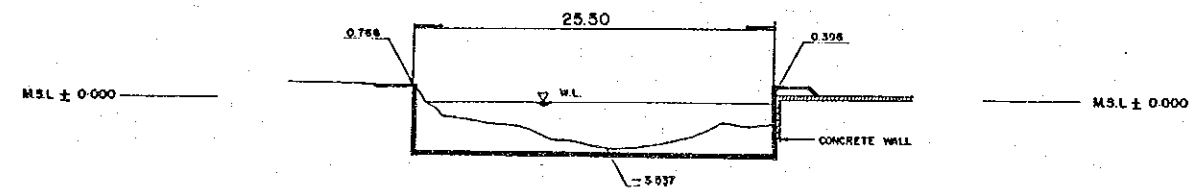
K. Saen Saep (3)

DWG. F.56

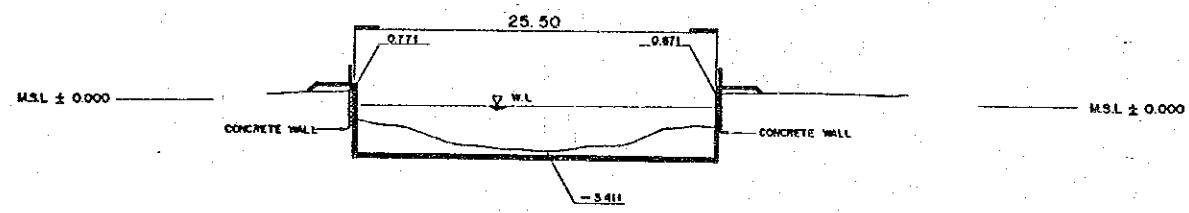
KLONG IMPROVEMENT (CROSS SECTION) -K.SAEN SAEP (3)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

K. Saen Saep (4)



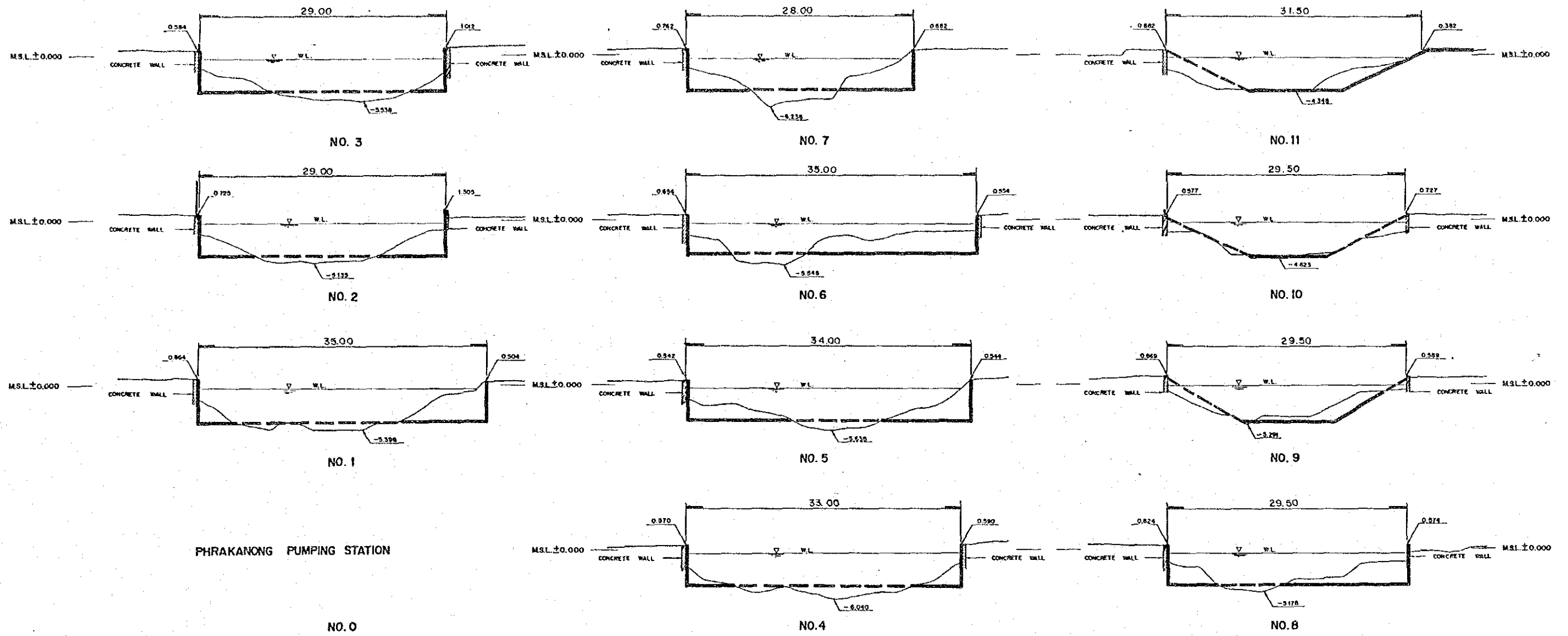
NO. 37 (END)



NO. 36

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|--|--|
| DWG. F.57  | KLONG IMPROVEMENT (CROSS SECTION) -K.SAEN SAEP(4)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |





PHRAKANONG PUMPING STATION

NO. 0

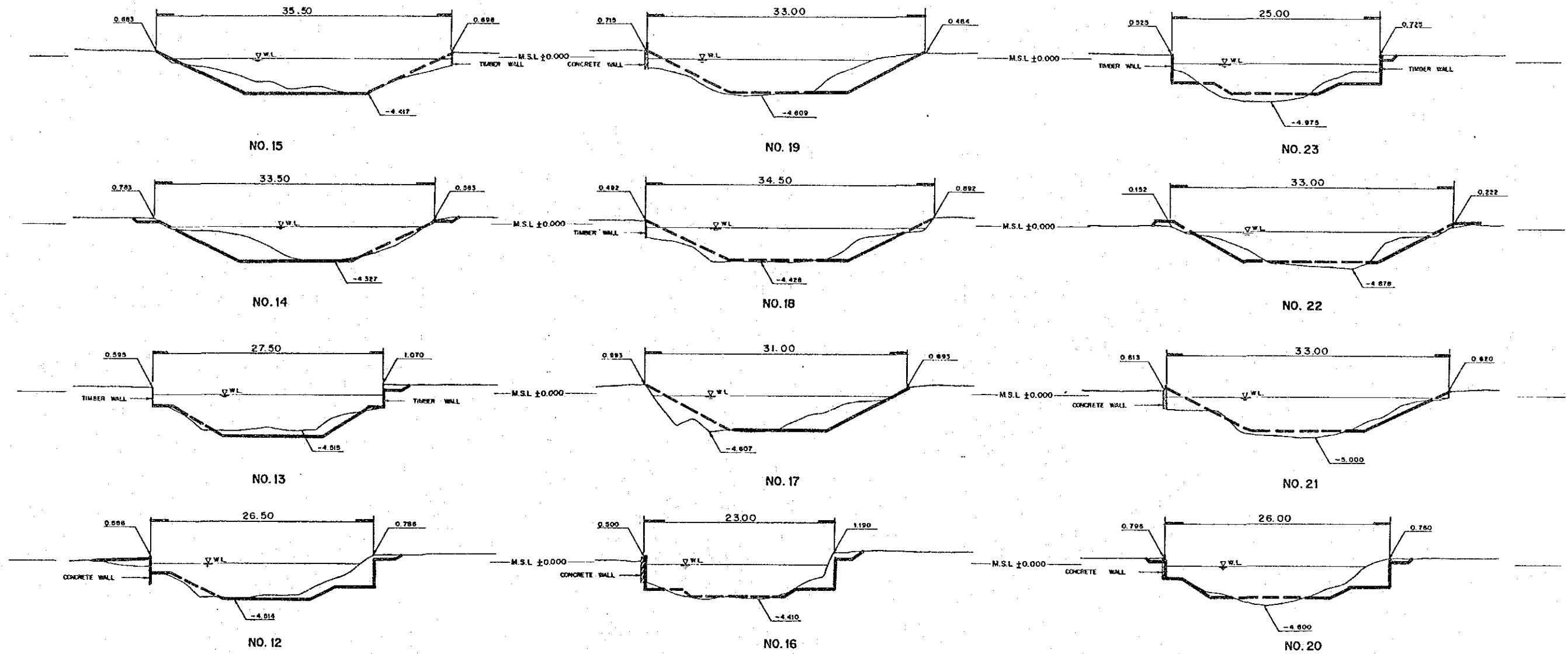
DWG. F.58

KLONG IMPROVEMENT (CROSS SECTION) -K.PHRA KHANONG(1)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

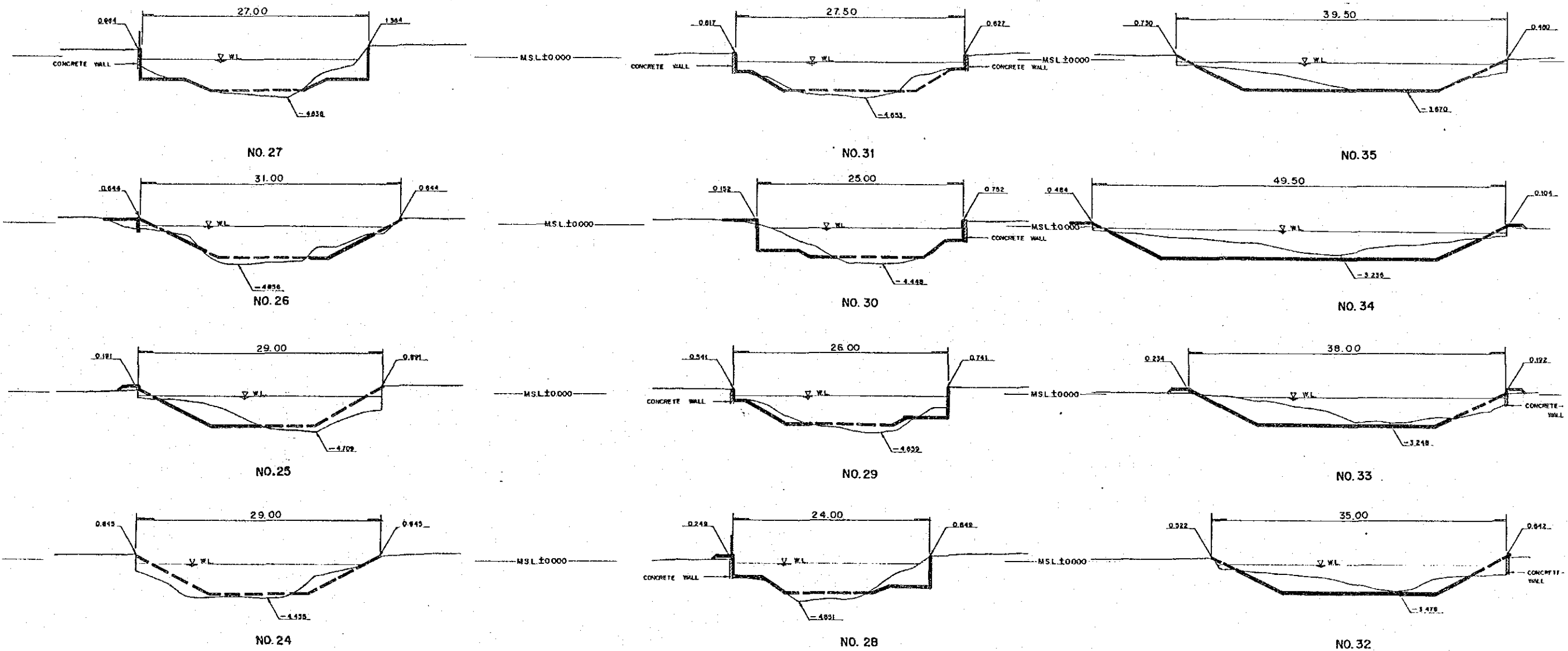
K. Phrakhanong (1/1)

W. Khanong (2/4)



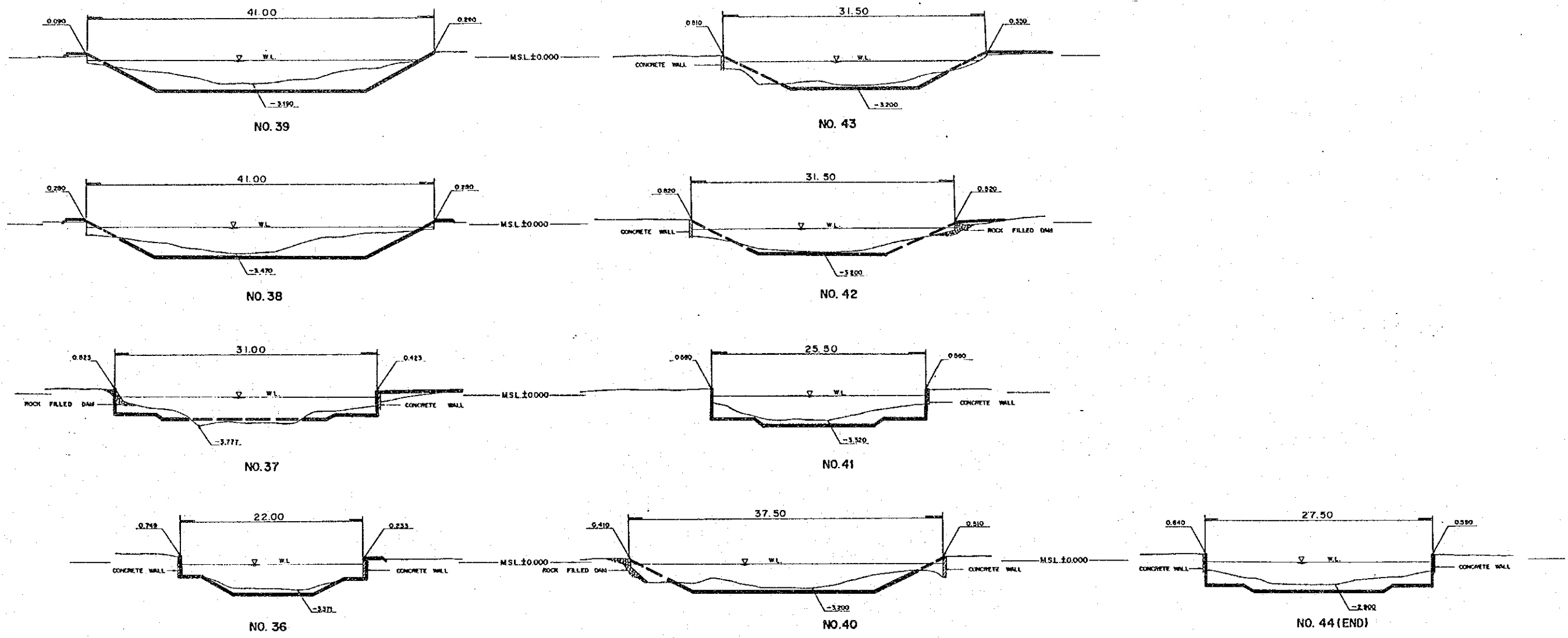
|  |   |
|--|---|
| DWG. F.59  | KLONG IMPROVEMENT (CROSS SECTION) -K.PHRA KHANONG(2)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

V. Phra Khanong (3/1)

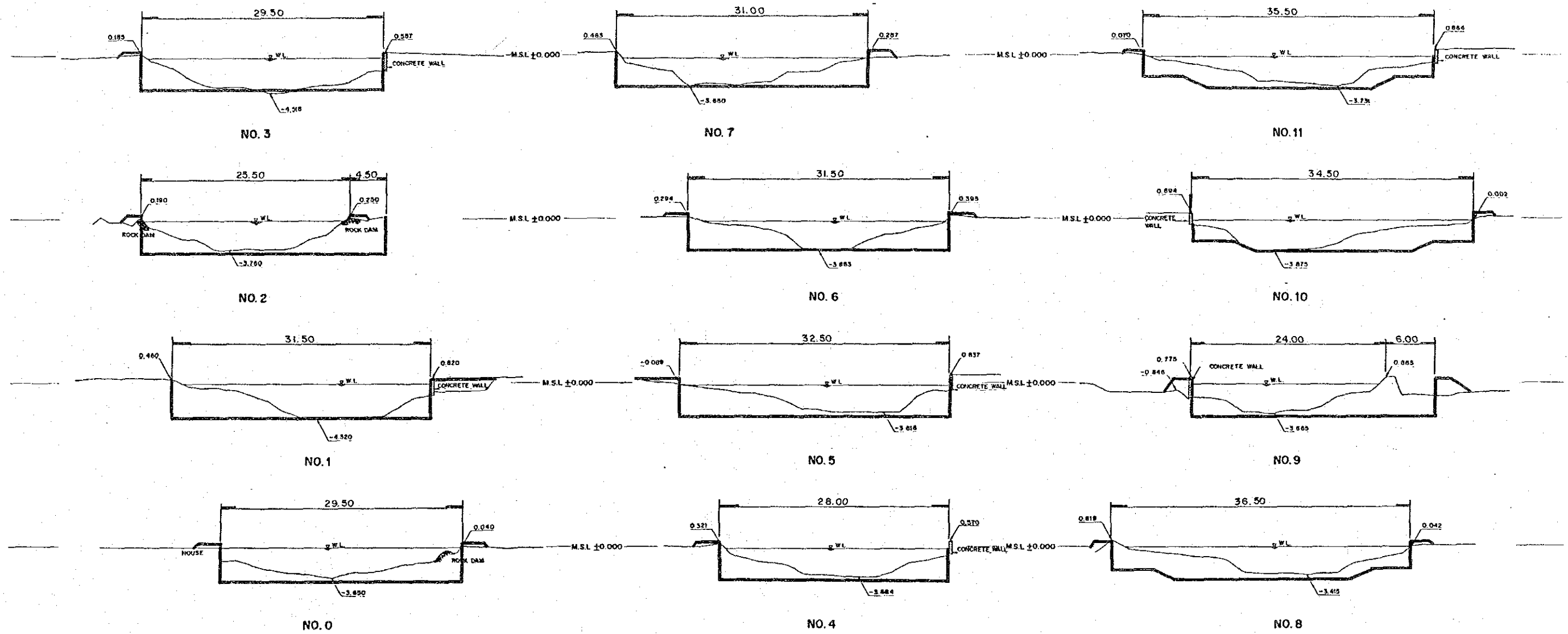


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|--|---|
| DWG. F.60  | KLONG IMPROVEMENT (CROSS SECTION) -K.PHRA KHANONG(3)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

Phra Khanong (4/4)

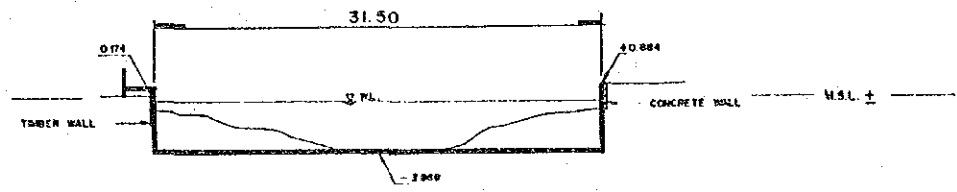


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|--|---|
| DWG. F.61  | KLONG IMPROVEMENT (CROSS SECTION) -K.PHRA KHANONG(4)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

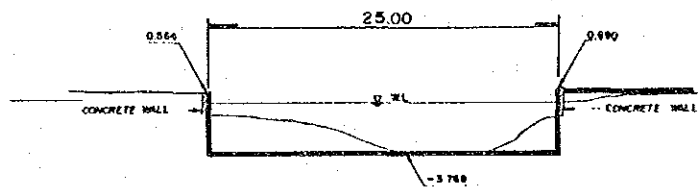


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| DWG. F.62  | KLONG IMPROVEMENT (CROSS SECTION) -K.TAN(1)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |

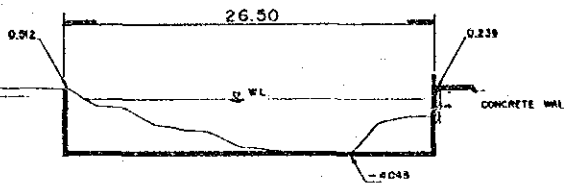
K.TAN (1/2)



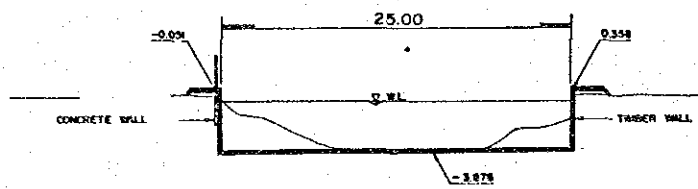
NO. 15



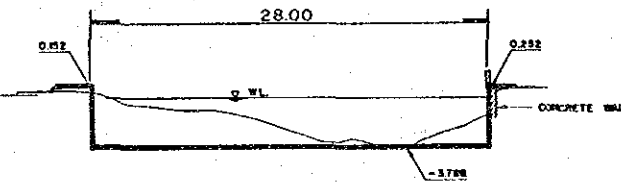
NO. 14



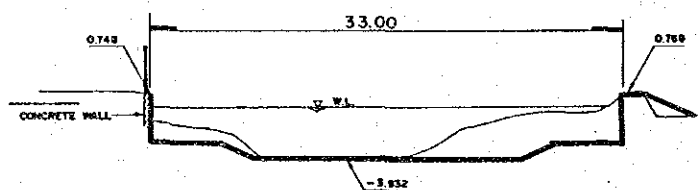
NO. 18 (END)



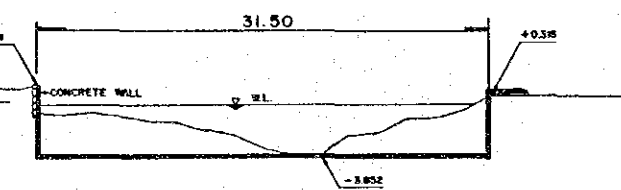
NO. 13



NO. 17



NO. 12



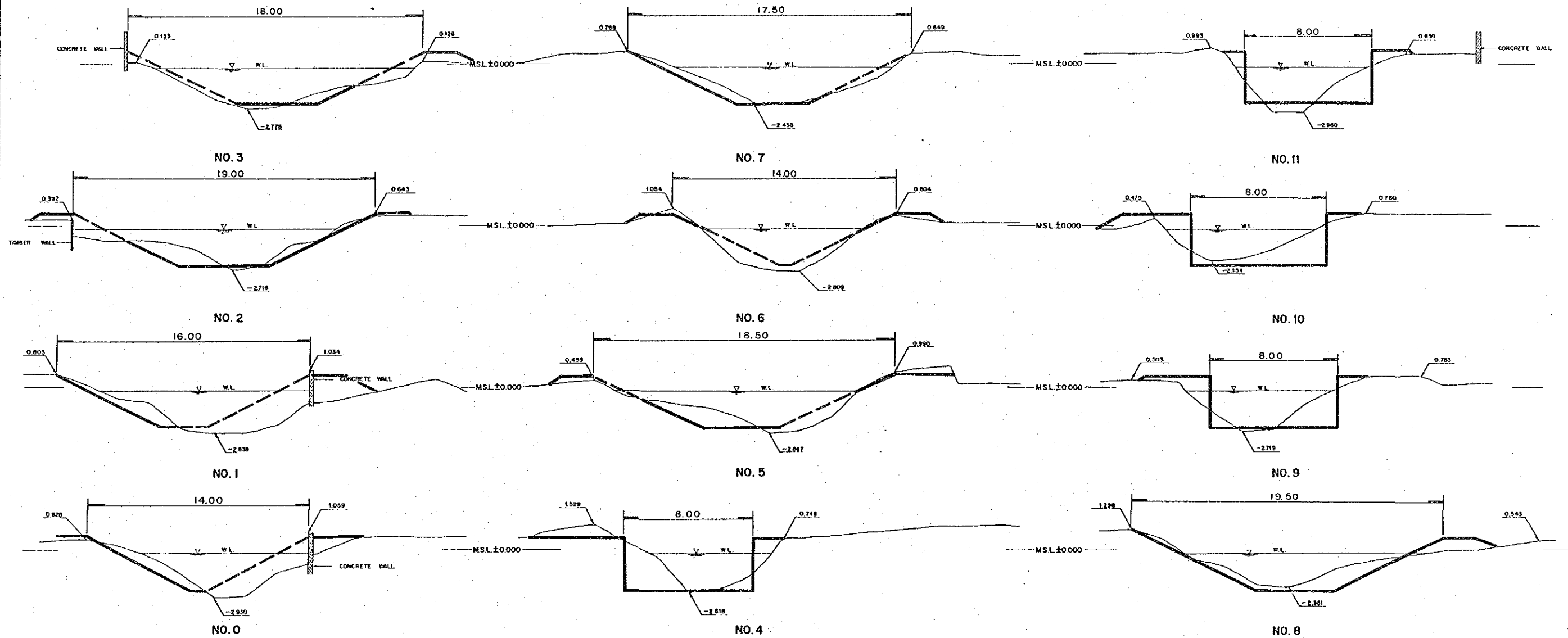
NO. 16

V. TAN (2/2)

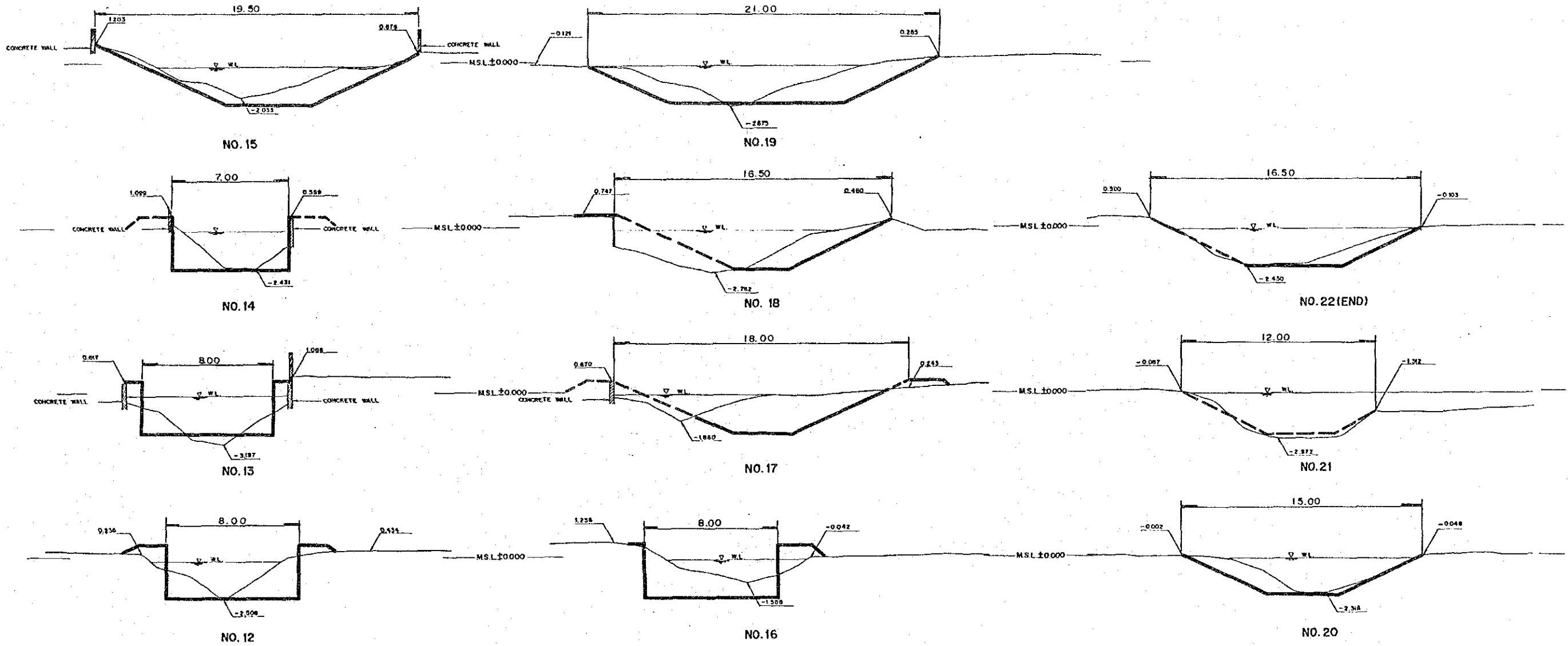
DWG. F.63

KLONG IMPROVEMENT (CROSS SECTION) -K.TAN(2)-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



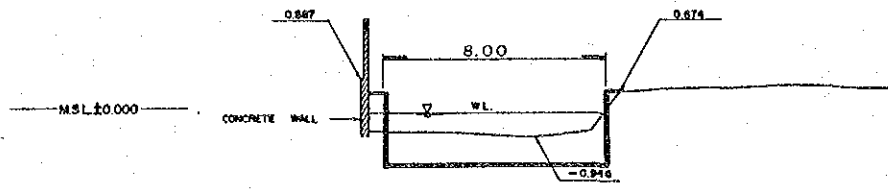
DWG. F.64 KLONG IMPROVEMENT (CROSS SECTION) -K.KACHA(1)-  
 FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



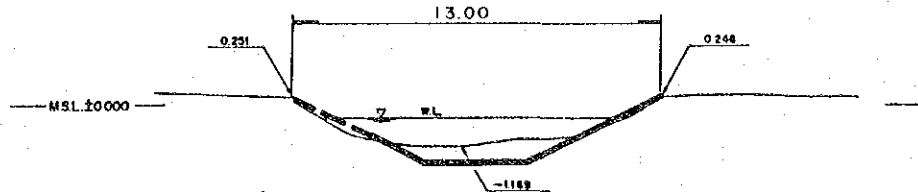
P. 0110 (2/1)

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| DWG. F.65  | KLONG IMPROVEMENT (CROSS SECTION) -K.KACHA(2)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |

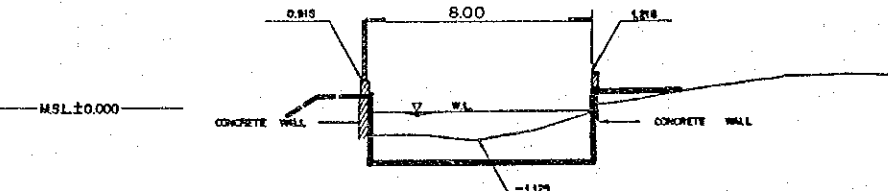




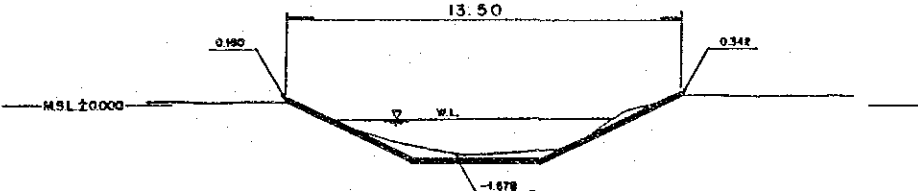
NO. 3



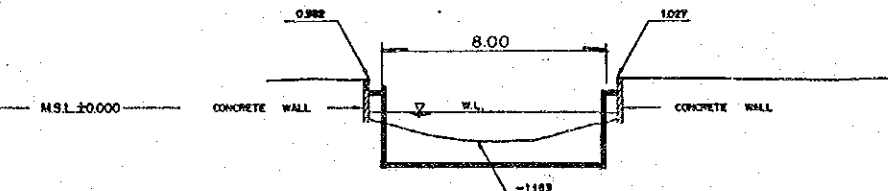
NO. 7 (END)



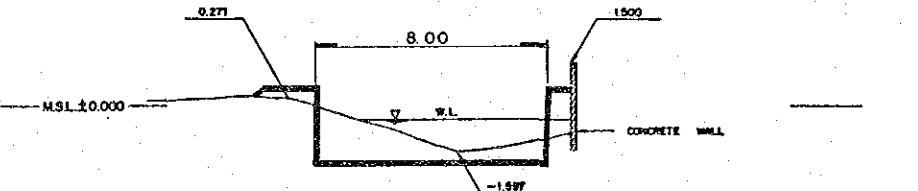
NO. 2



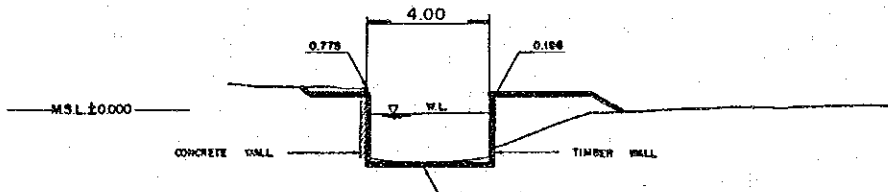
NO. 6



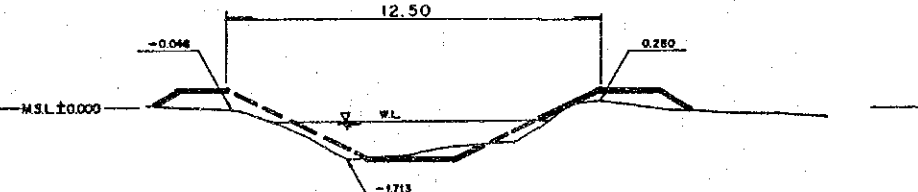
NO. 1



NO. 5



NO. 0



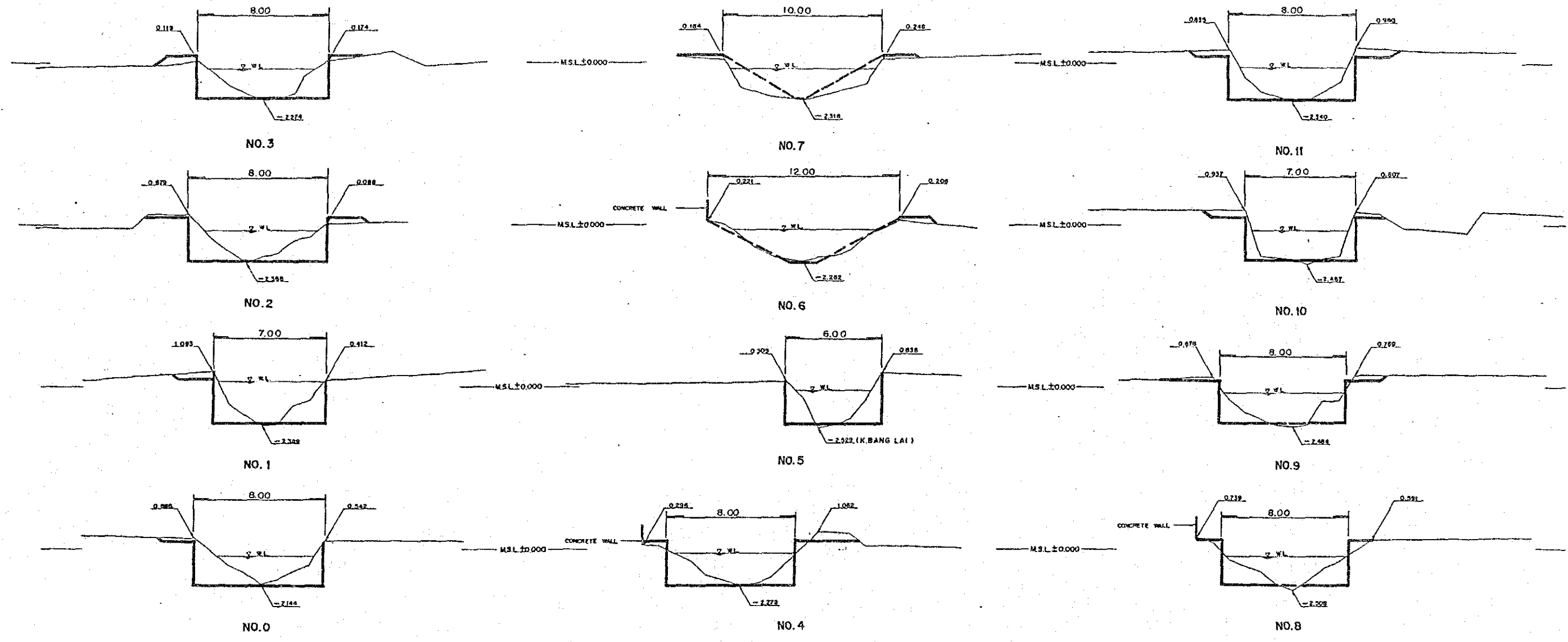
NO. 4

DWG. F.66

KLONG IMPROVEMENT (CROSS SECTION) -K.GIG-

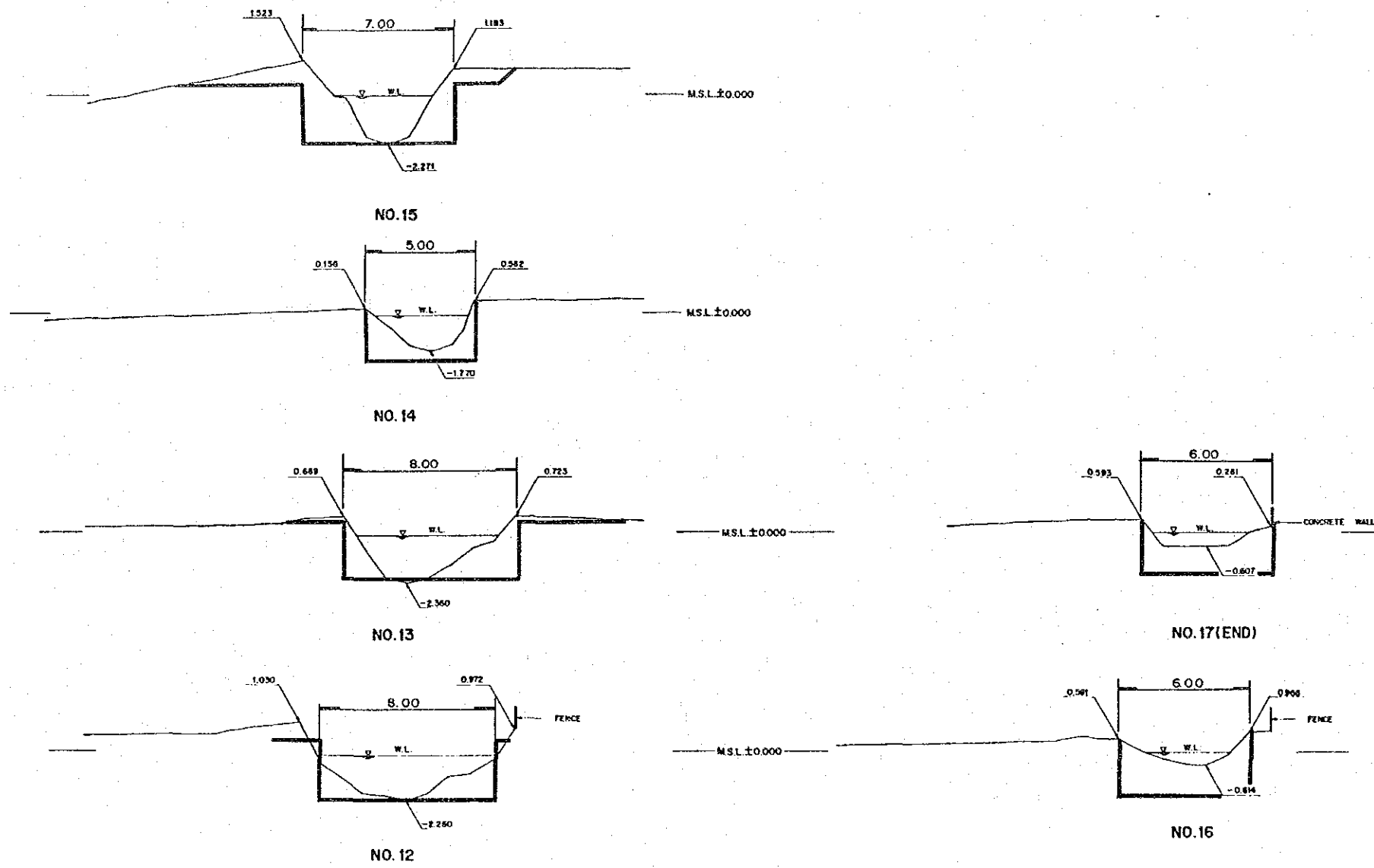
FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

Klong Kwang Bon (1/2)

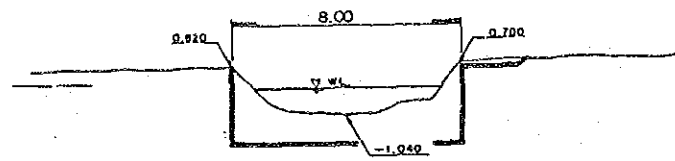


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|--|---|
| DWG. F.67  | KLONG IMPROVEMENT (CROSS SECTION)<br>-K.KWANG BON, K.BANG LAI(1)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

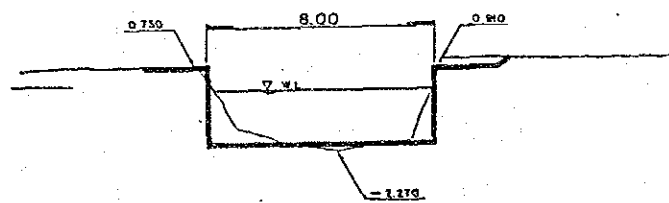
K. Kwang Bon + K. Bang Lai (2/2)



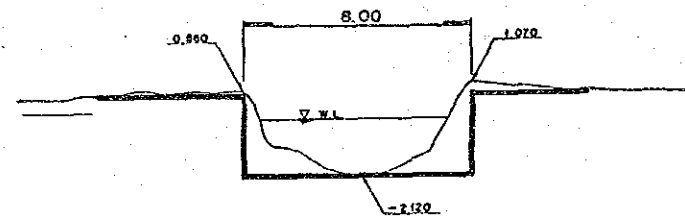
|  |   |
|--|---|
| DWG. F.68  | KLONG IMPROVEMENT (CROSS SECTION)<br>-K.KWANG BON, K.BANG LAI(2)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |



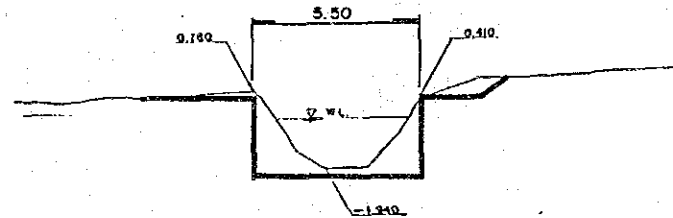
NO. 4



NO. 3

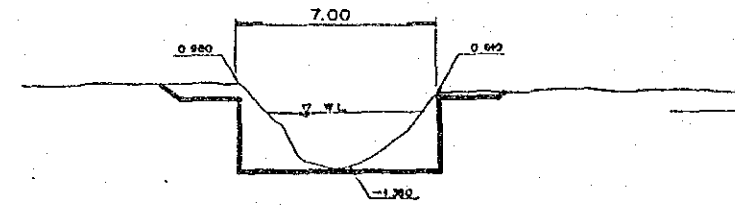


NO. 2

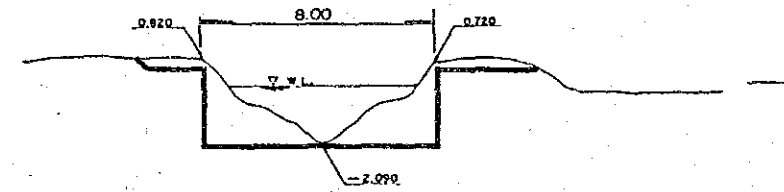


NO. 1

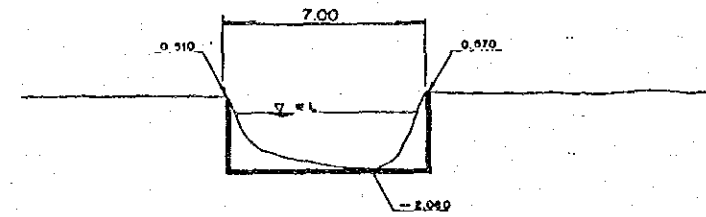
MSL ±0.000



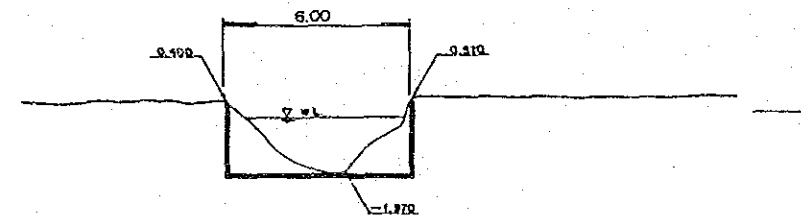
NO. 8(END)



NO. 7



NO. 6



NO. 5

MSL ±0.000

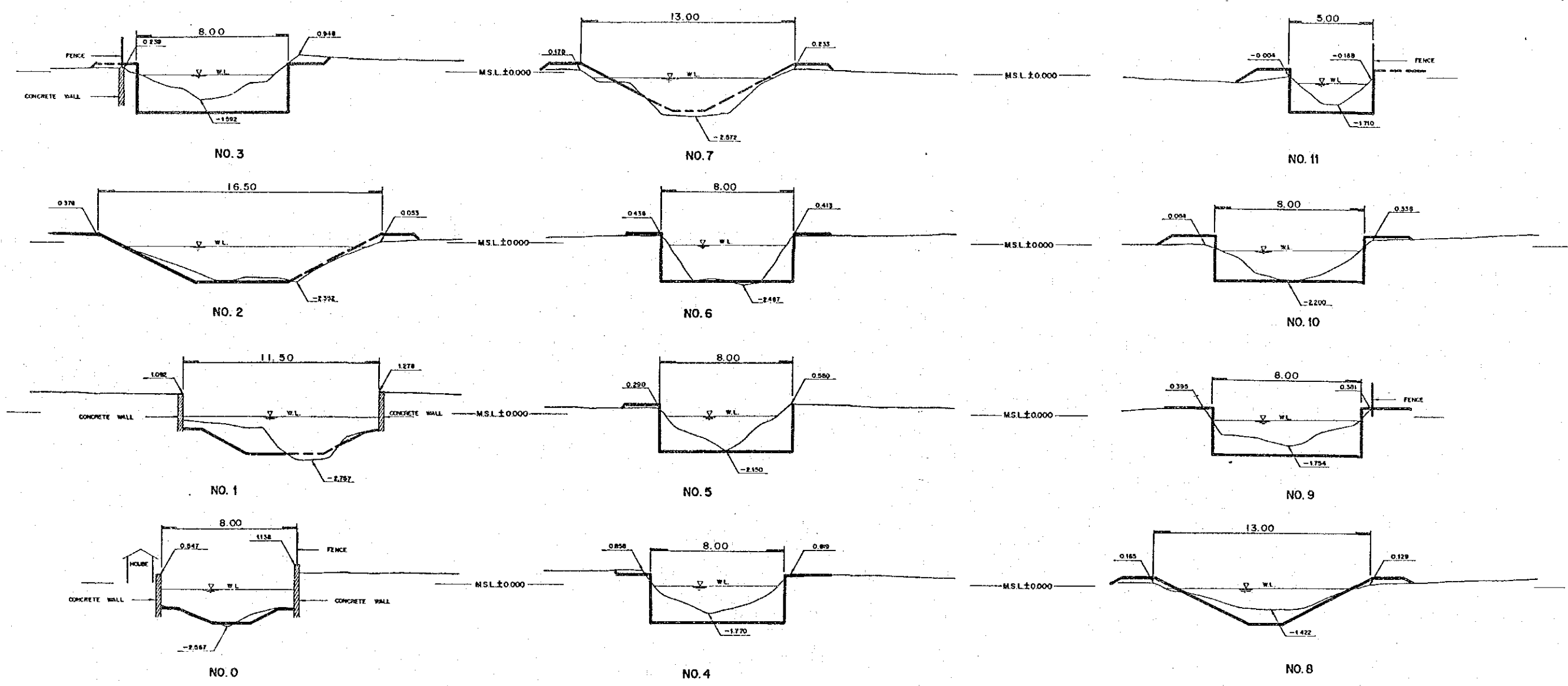
DWG. F.69

KLONG IMPROVEMENT (CROSS SECTION) -k.KWANG BON-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

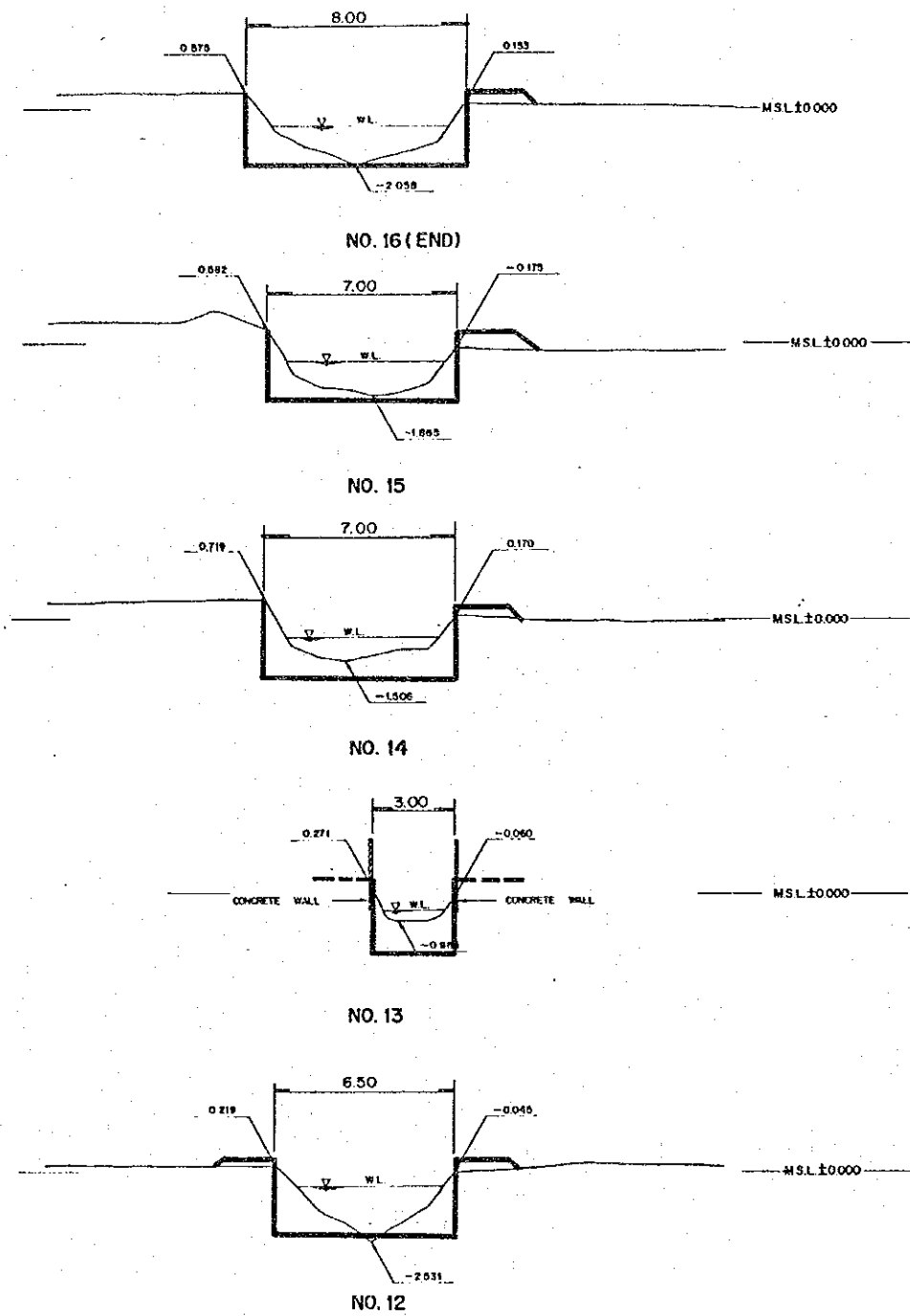
K. Kwang Bon

K. Bang Na chine (1/2)

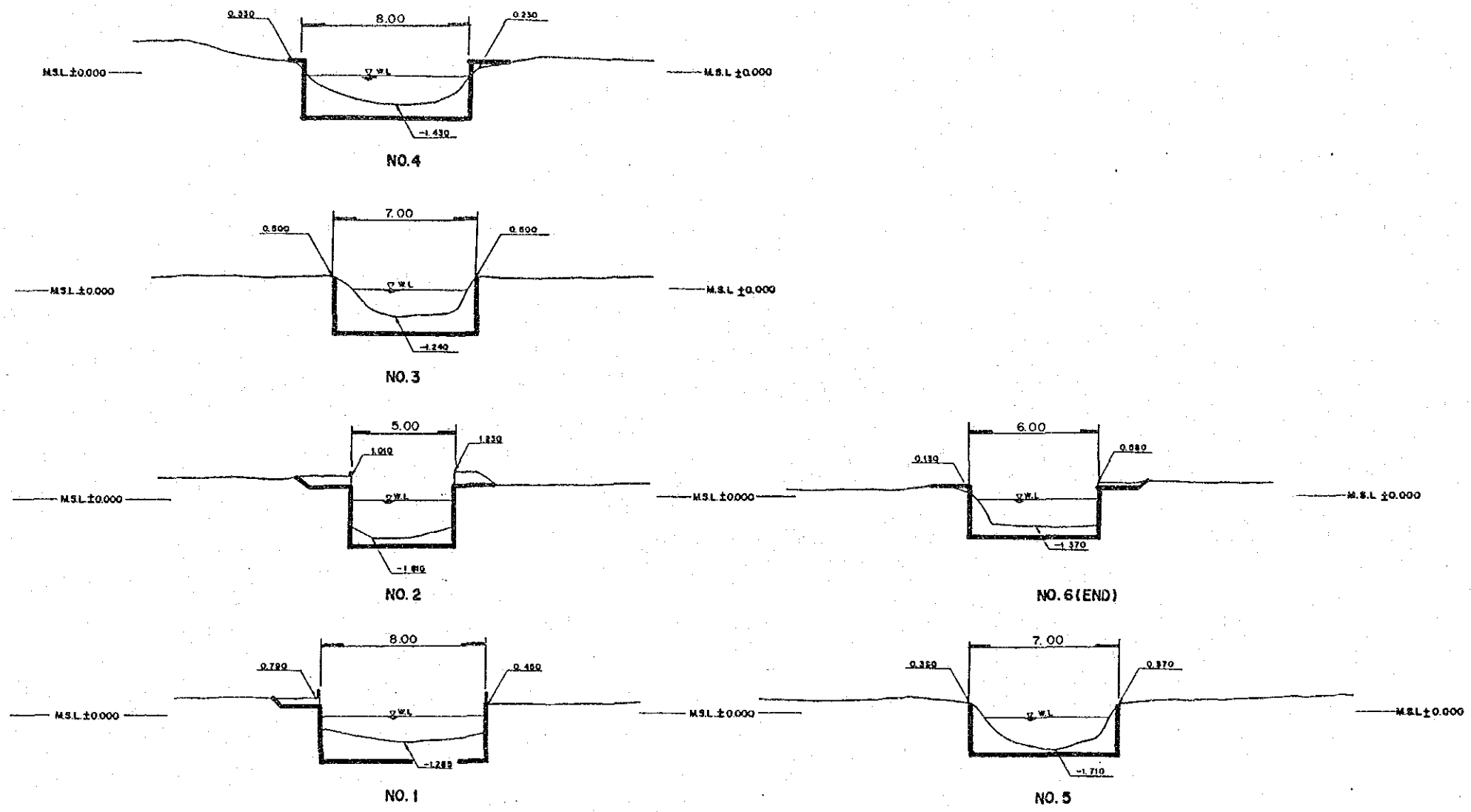


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|--|--|
| DWG. F.70  | KLONG IMPROVEMENT (CROSS SECTION) -K.BANG NA CHINE(1)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |

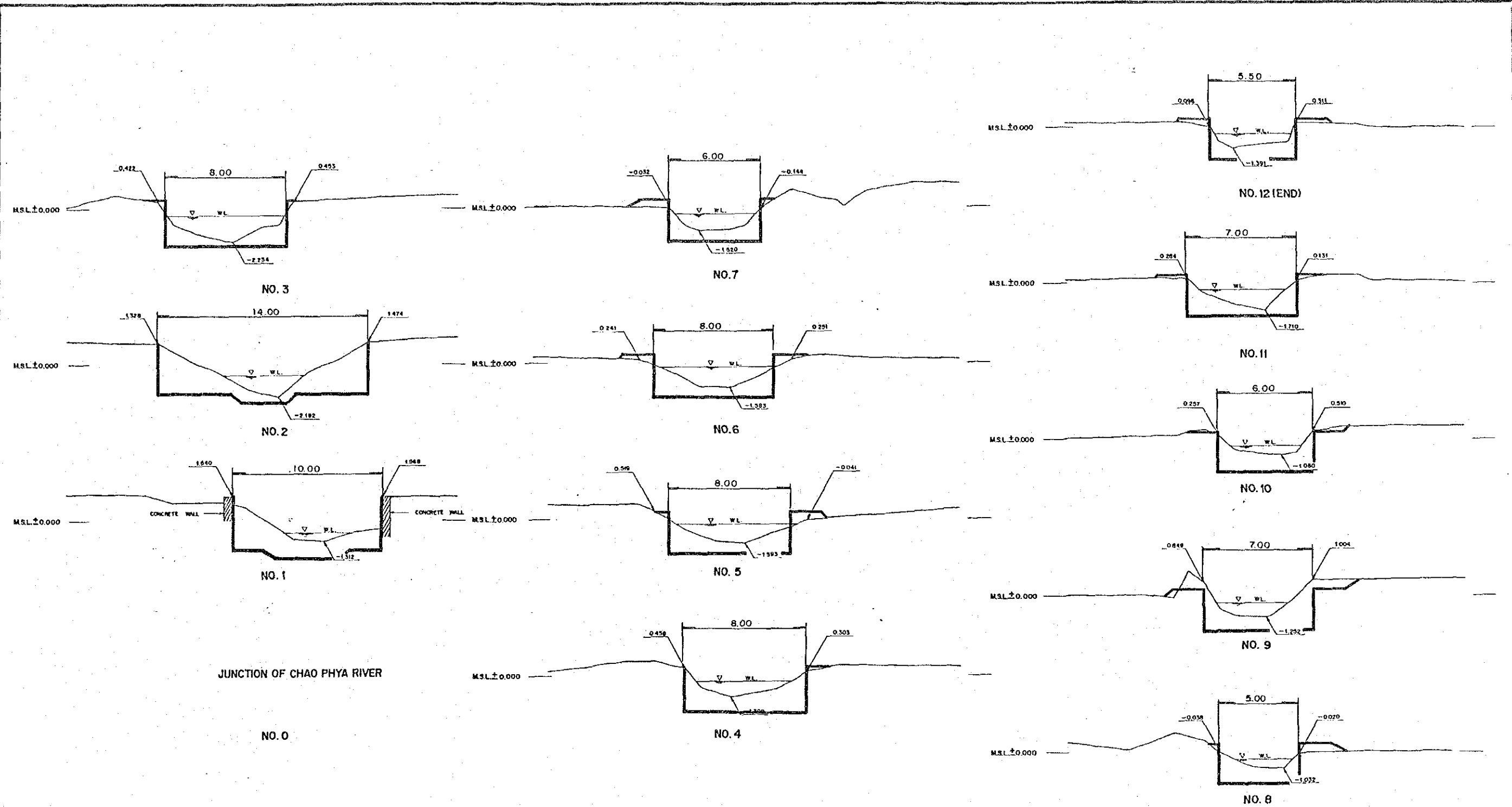
Handwritten note: 1. Pump to line (2/2)



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| DWG. F.71  | KLONG IMPROVEMENT (CROSS SECTION) -K.BANG NA CHINE(2)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |



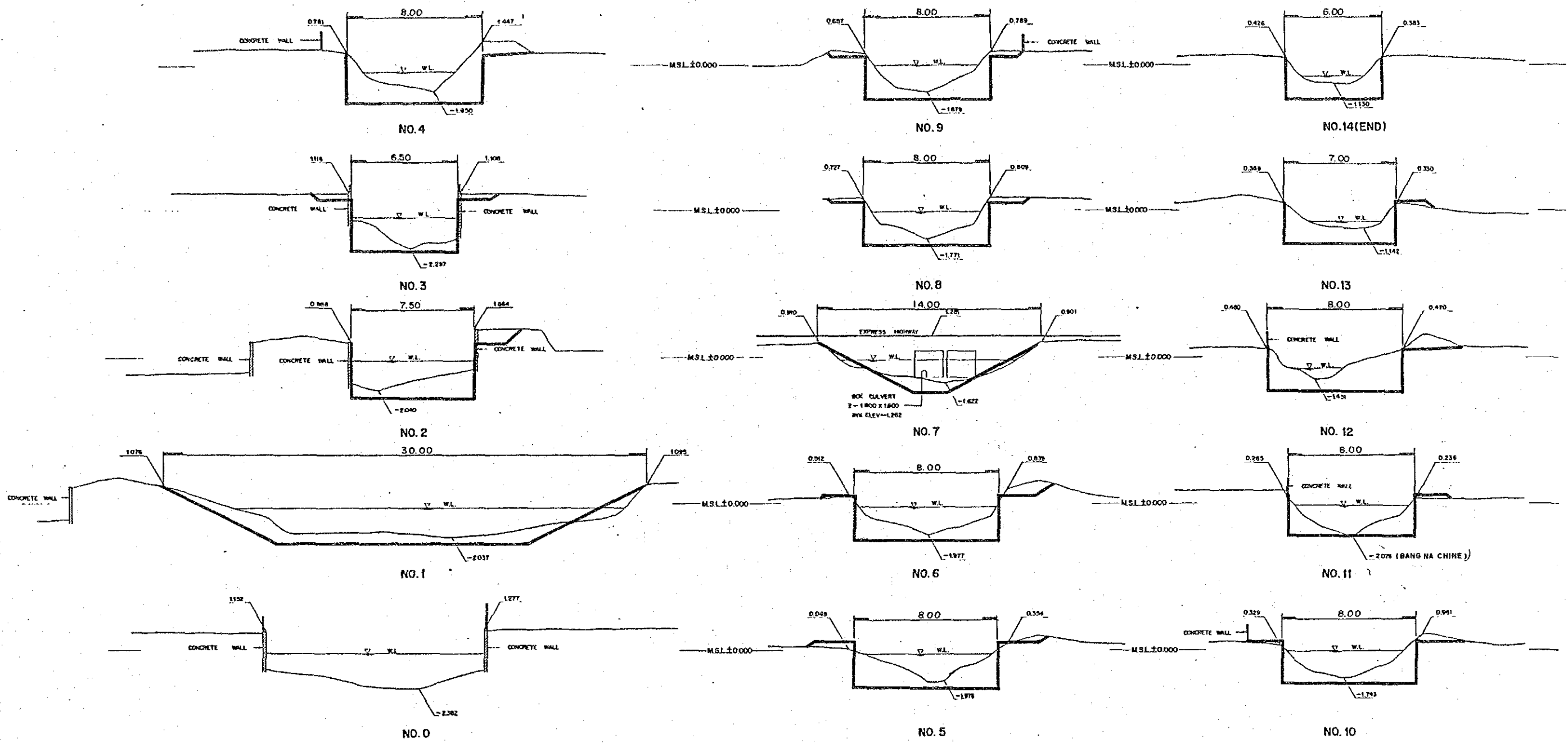
|  |   |
|--|---|
| DWG. F.72  | KLONG IMPROVEMENT (CROSS SECTION) -K.JEK- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |



K. Bang Chak

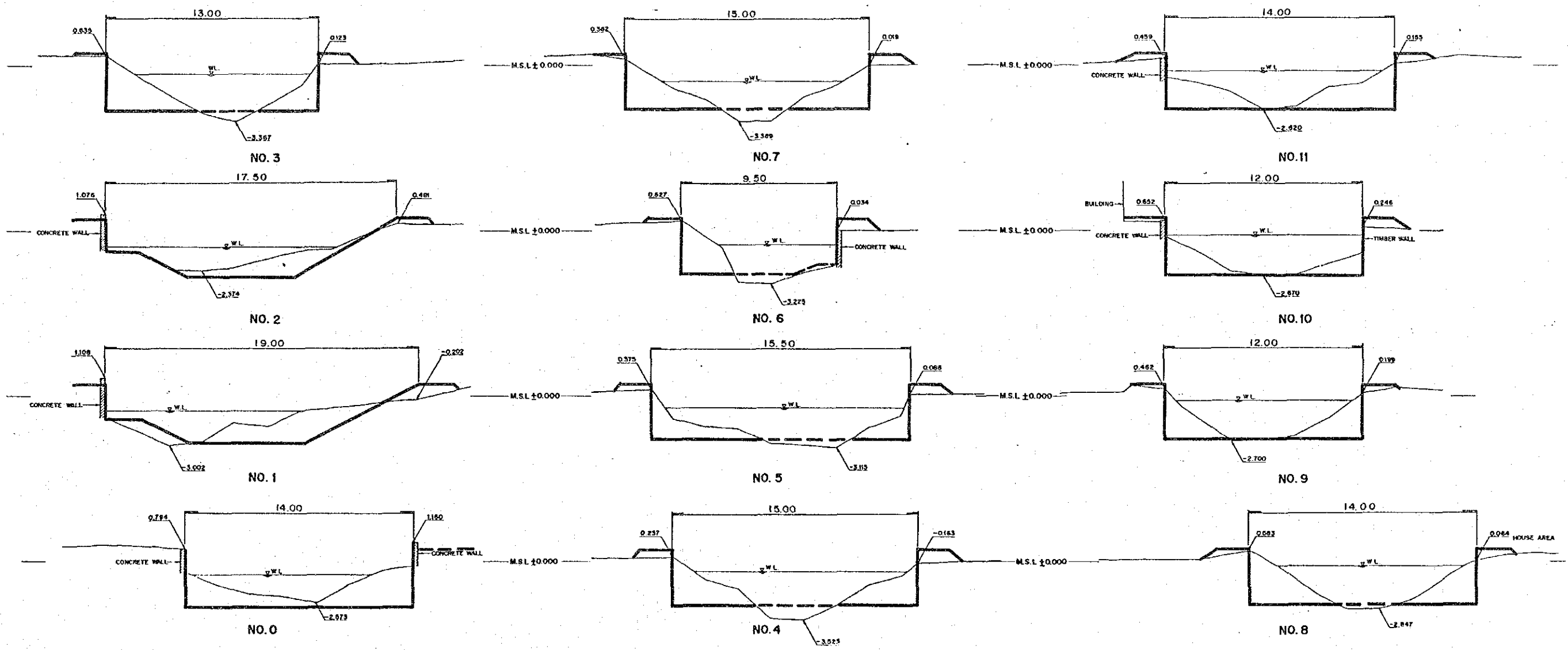
|  |   |
|--|---|
| DWG. F.73  | KLONG IMPROVEMENT (CROSS SECTION) -K.BANG CHAK- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |





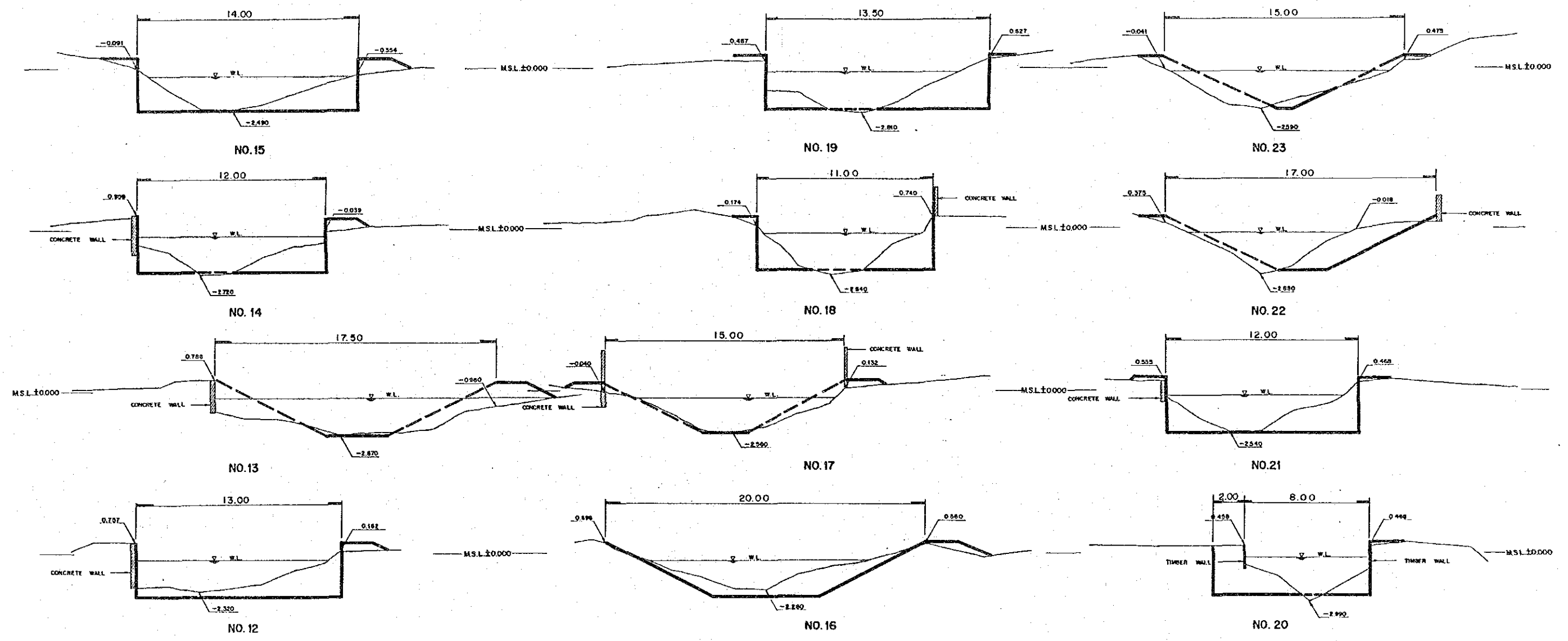
|  |   |
|--|---|
| DWG. F.74  | KLONG IMPROVEMENT (CROSS SECTION) -K.BANG OA- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |   |

K. Bang Na (1)

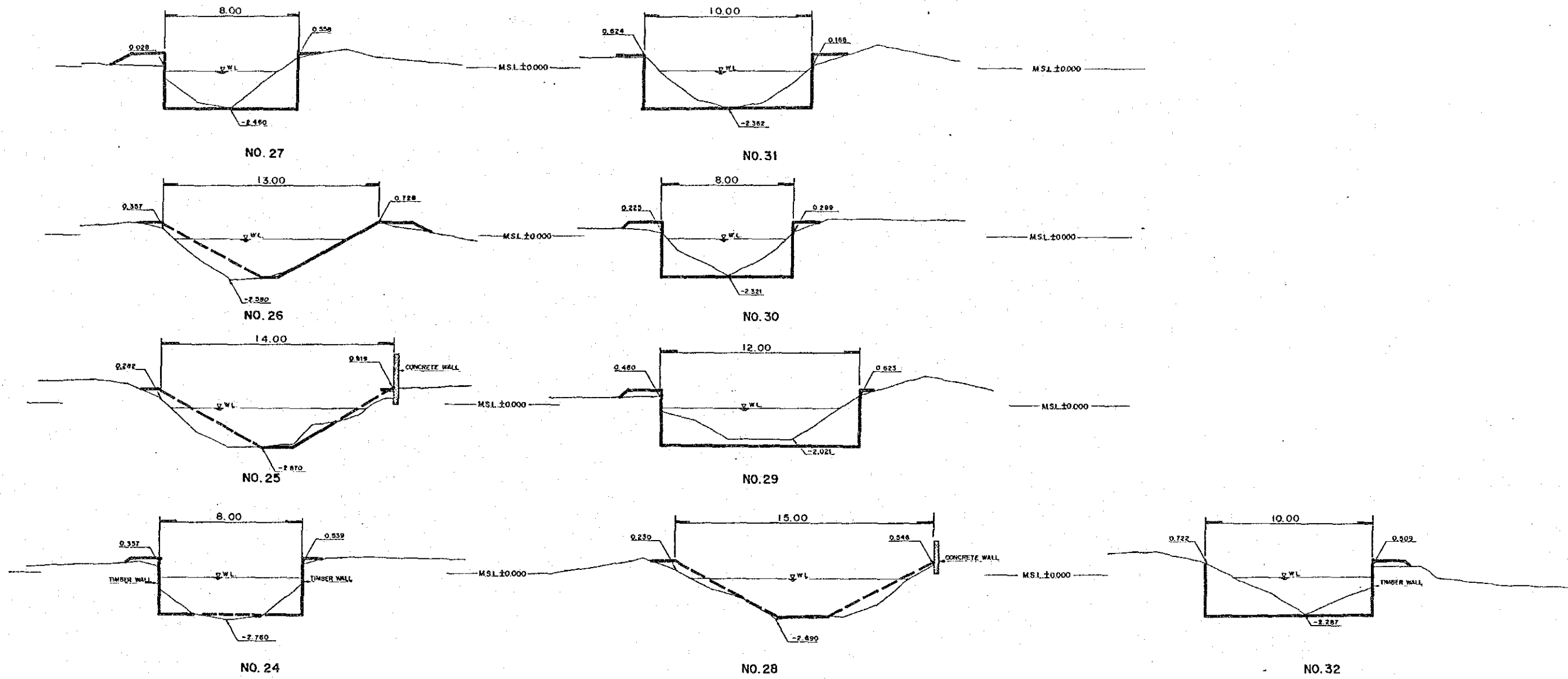


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|--|--|
| DWG. F.75  | KLONG IMPROVEMENT (CROSS SECTION) -K.BANG NA(1)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |

K. Bang Na (3/3)



DWG. F.76 KLONG IMPROVEMENT (CROSS SECTION) -K.BANG NA(2)-  
FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



Klong Na (3/3)

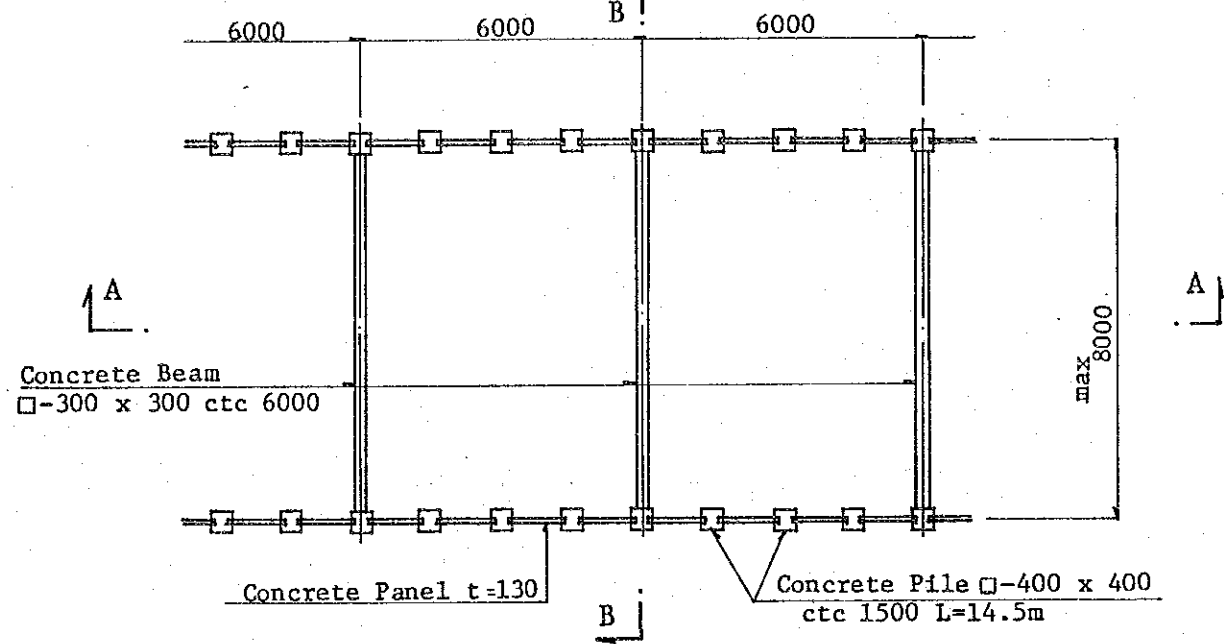
|  |  |
|--|--|
| DWG. F.77  | KLONG IMPROVEMENT (CROSS SECTION) -K.BANG NA(3)- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |  |

G. RETAINING WALL

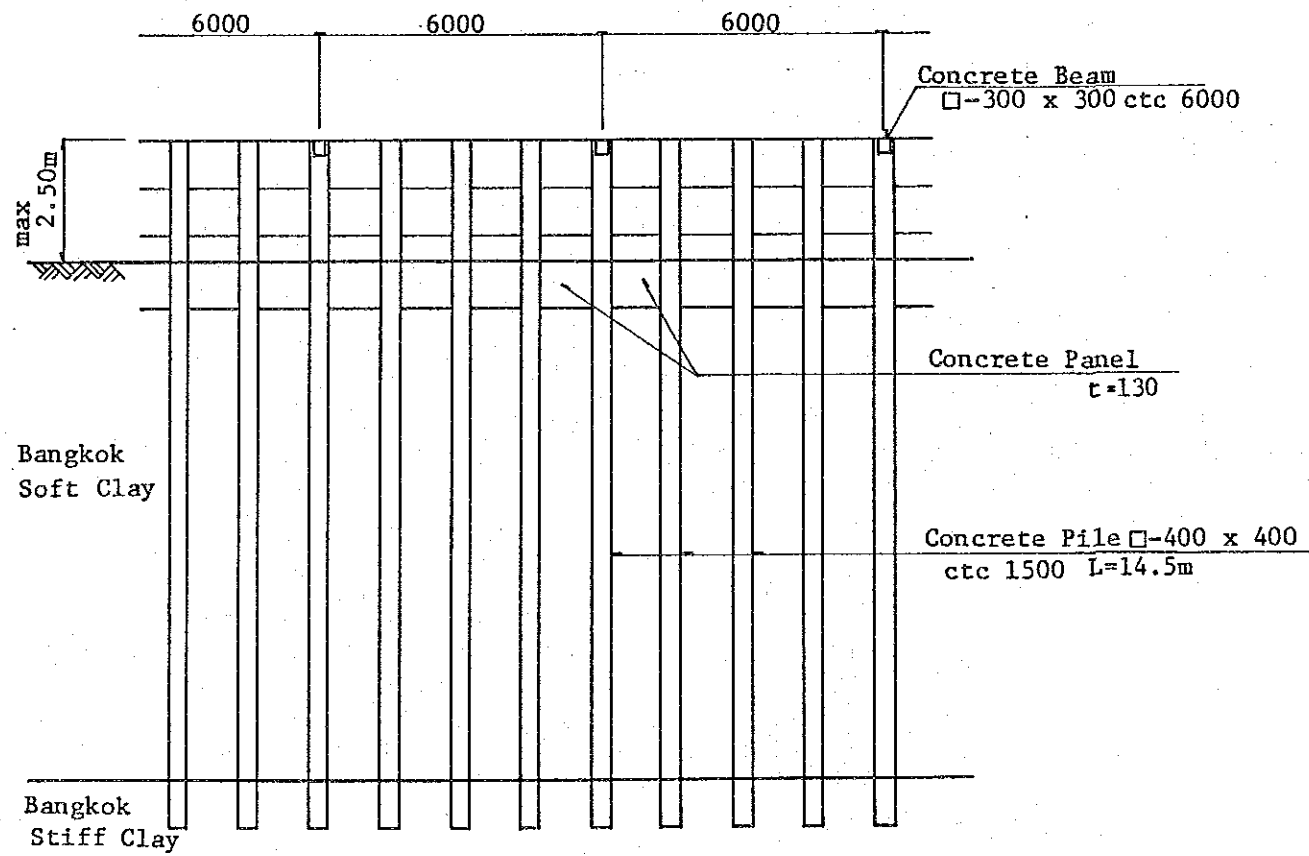
( 4 SHEETS)

Type-A (Hmax=2.50m)

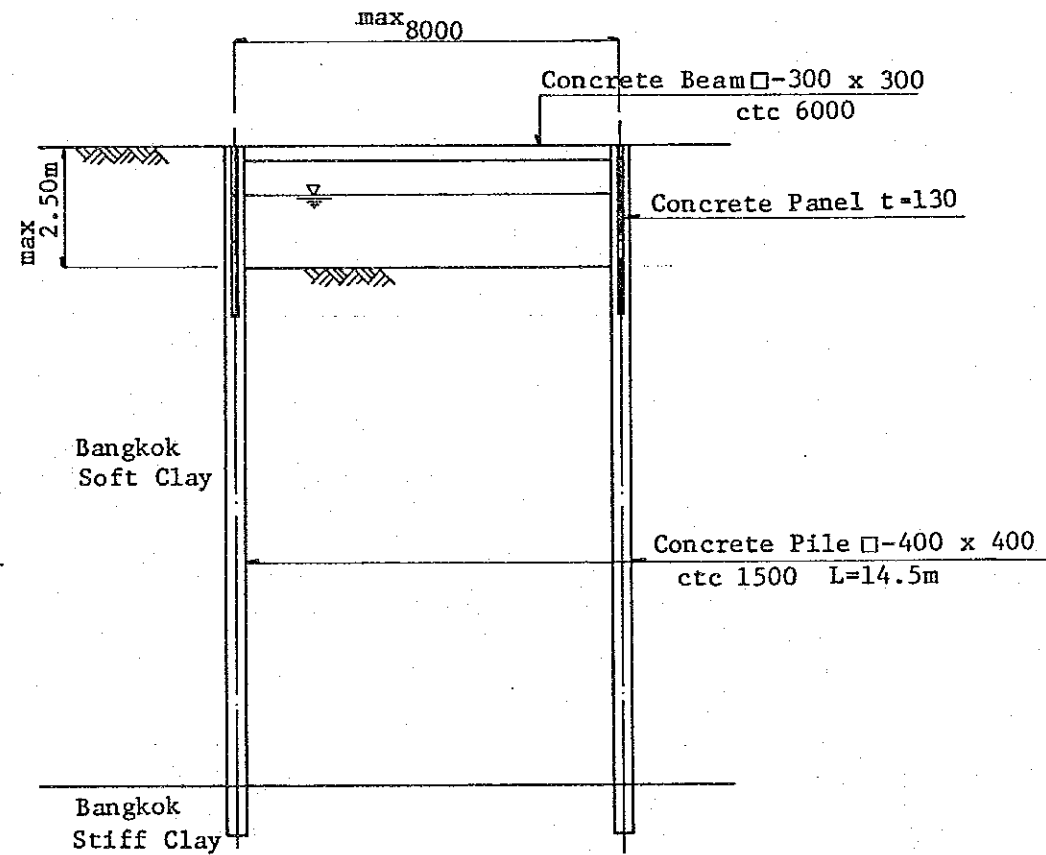
PLAN



SECTION A-A



SECTION B-B

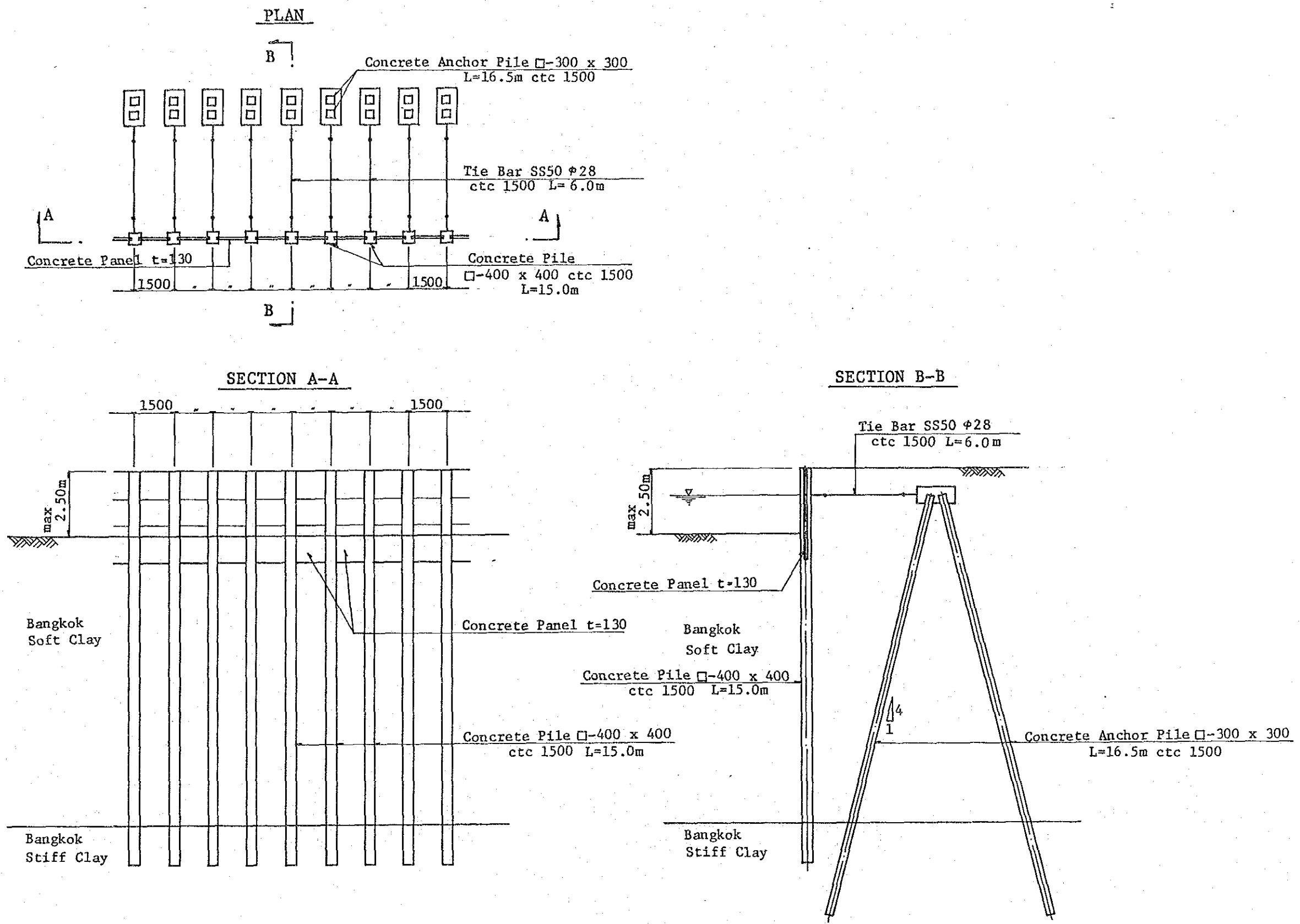


DWG. G.1

RETAINING WALL(1) -TYPE A-

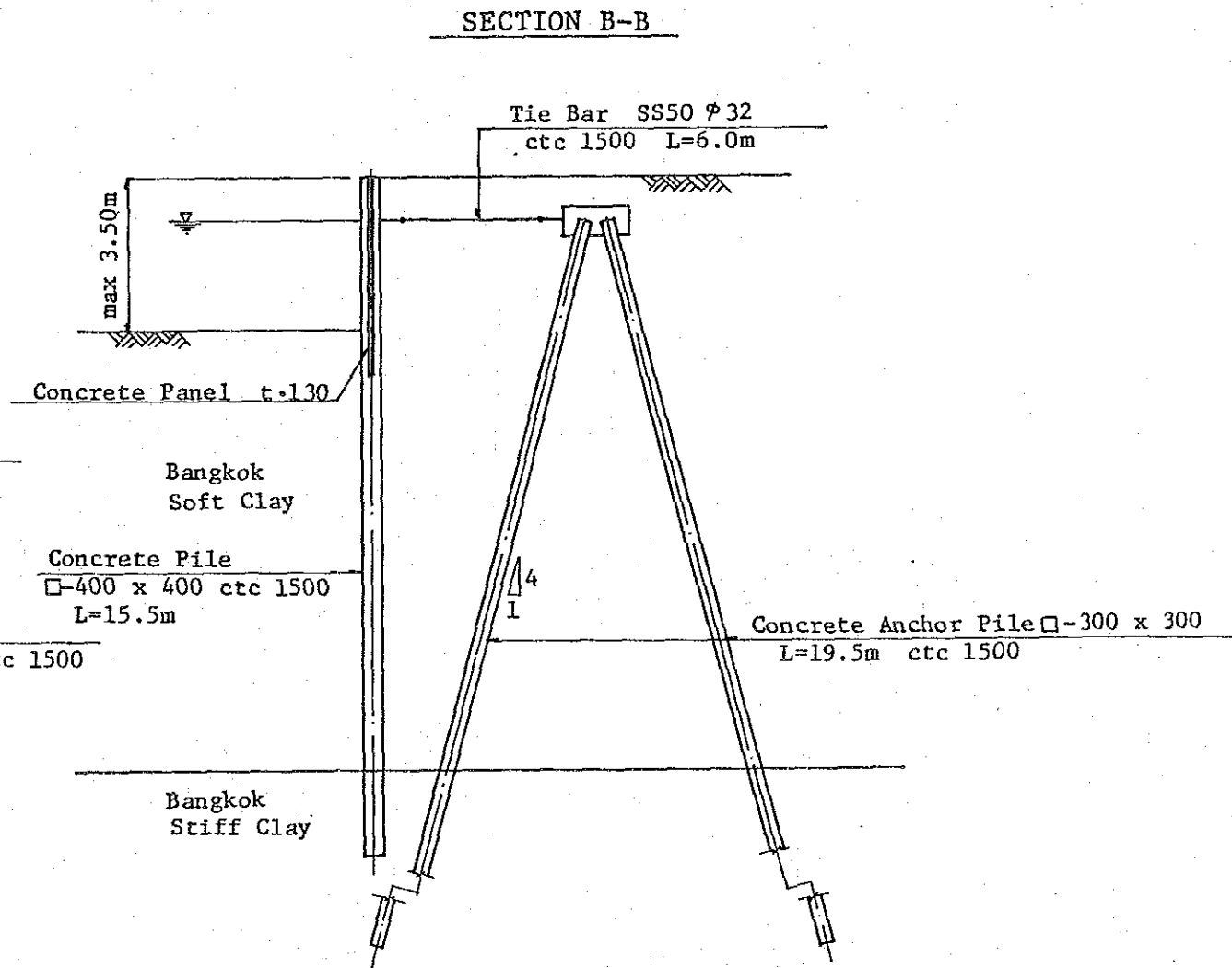
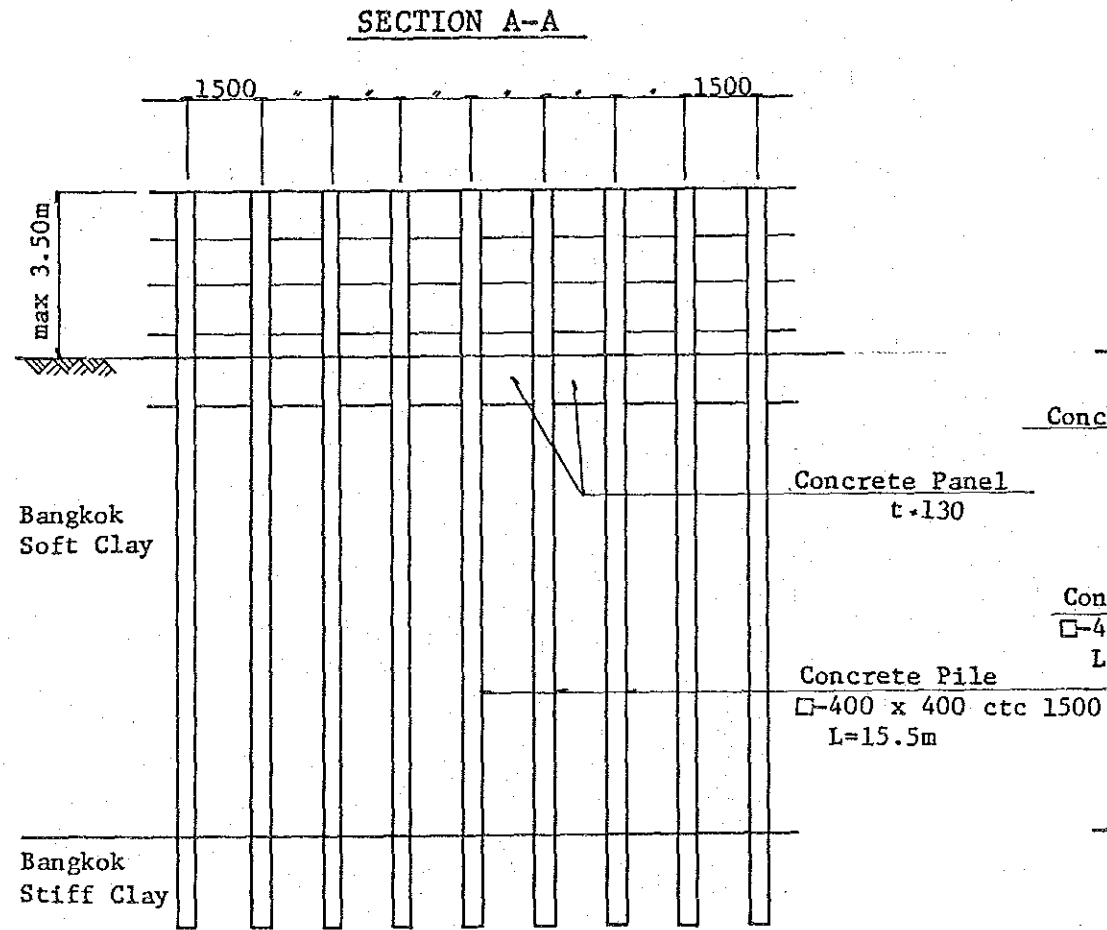
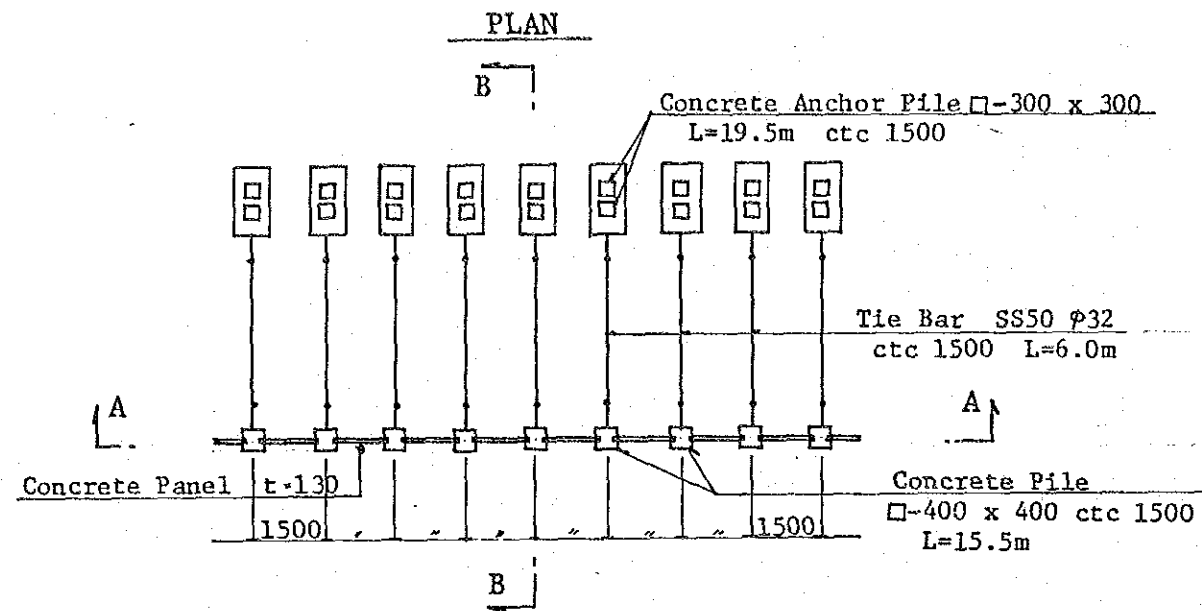
FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

Type-B (Hmax=2.50m)



|  |                            |
|--|----------------------------|
| DWG. G.2   | RETAINING WALL(2) -TYPE B- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |                            |

Type-C (Hmax=3.50m)



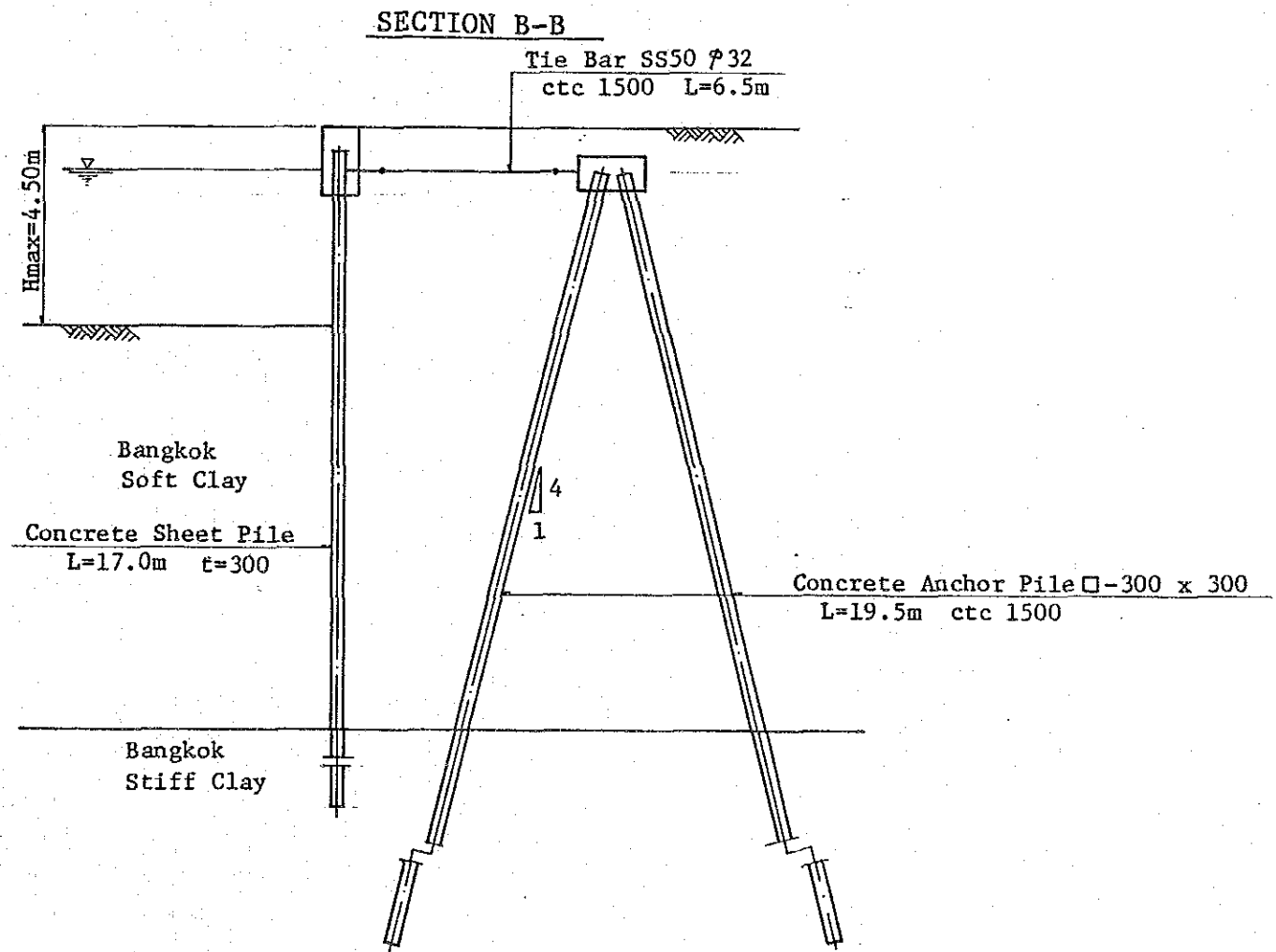
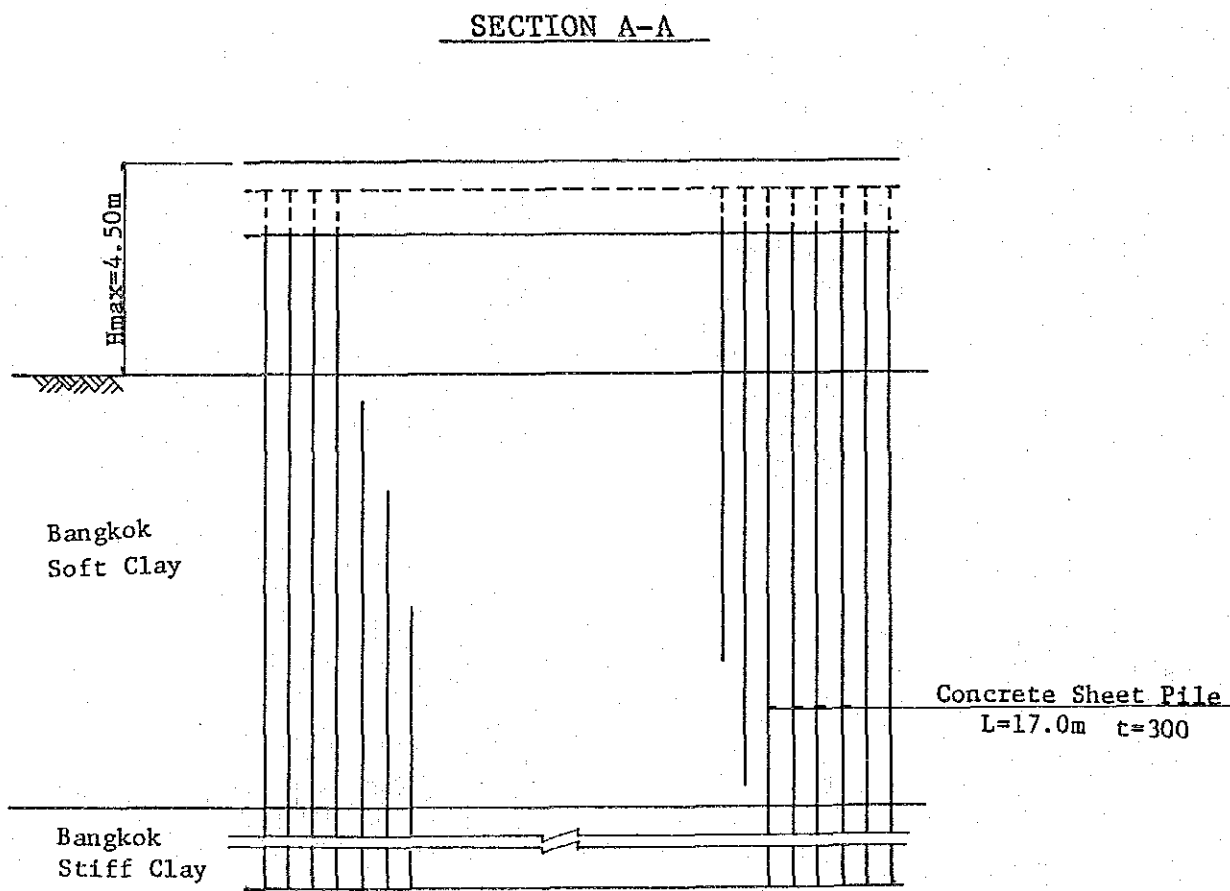
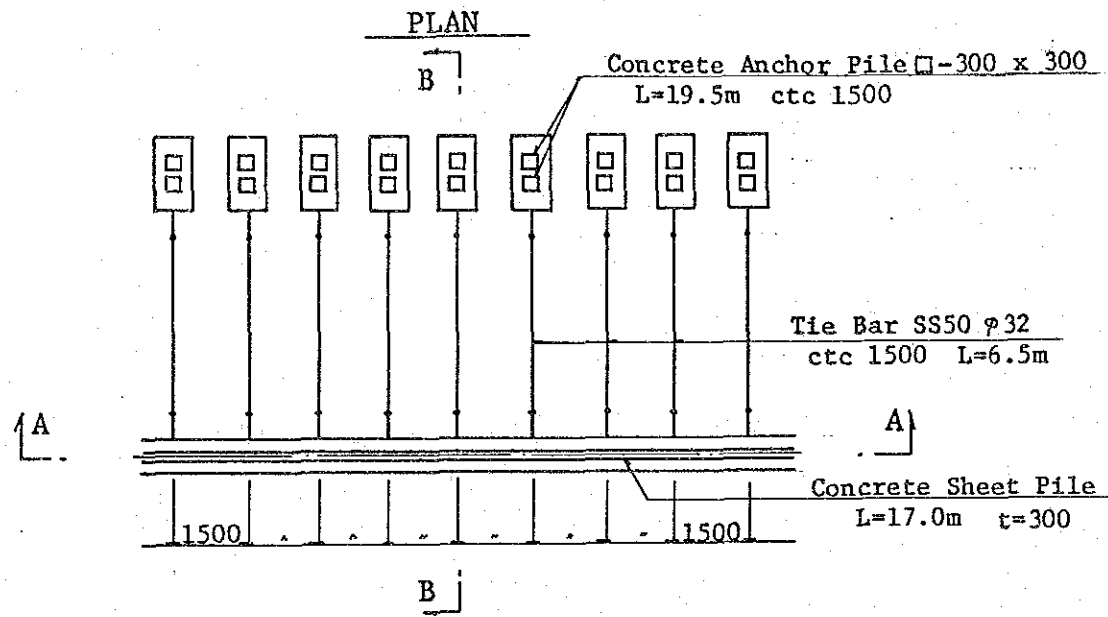
DWG. G.3

RETAINING WALL (3) -TYPE C-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



Type-D (Hmax=4.50m)



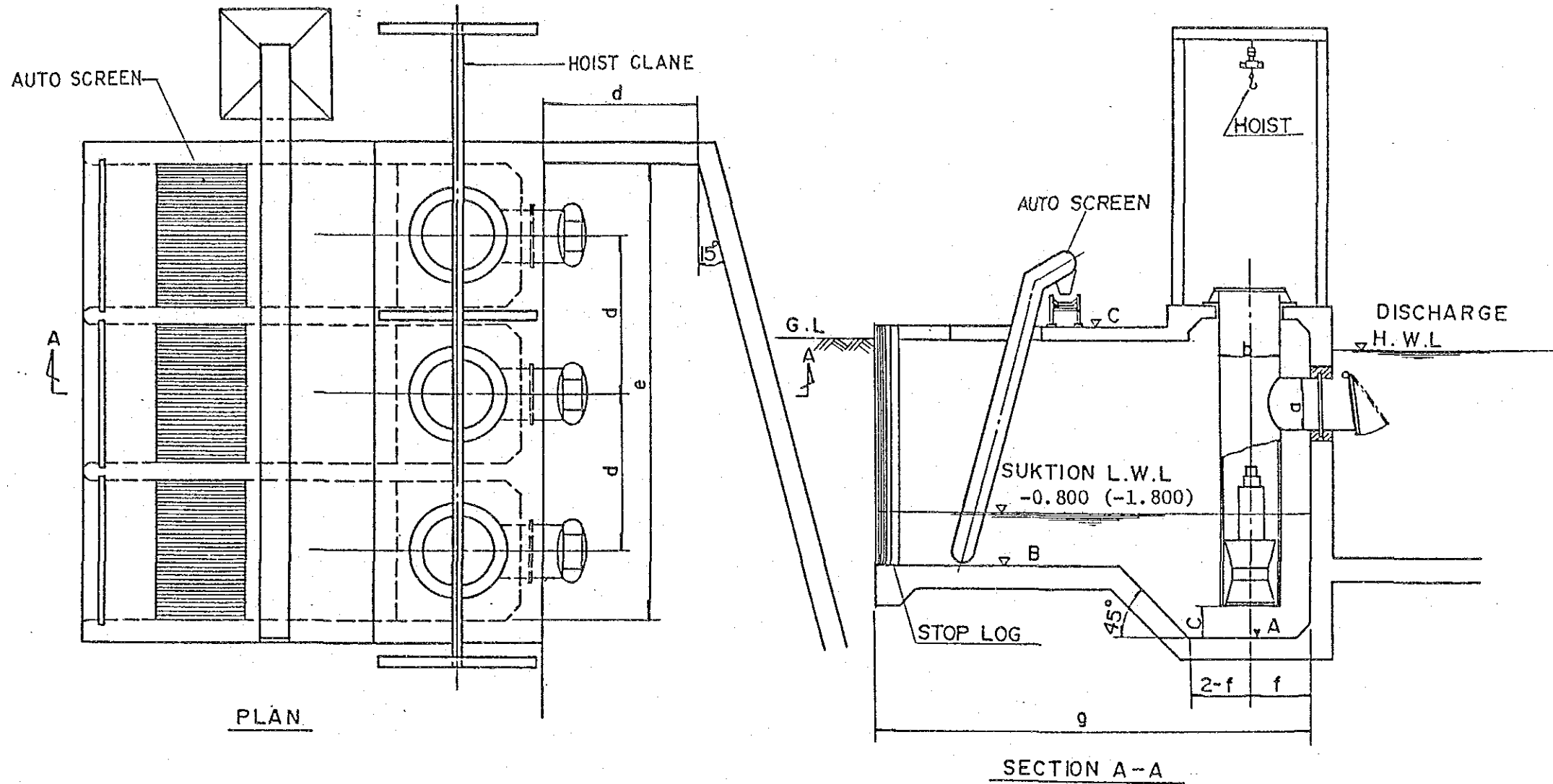
DWG. G.4

RETAINING WALL (4) -TYPE D-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

H. PUMPING STATION

( 2 SHEETS)



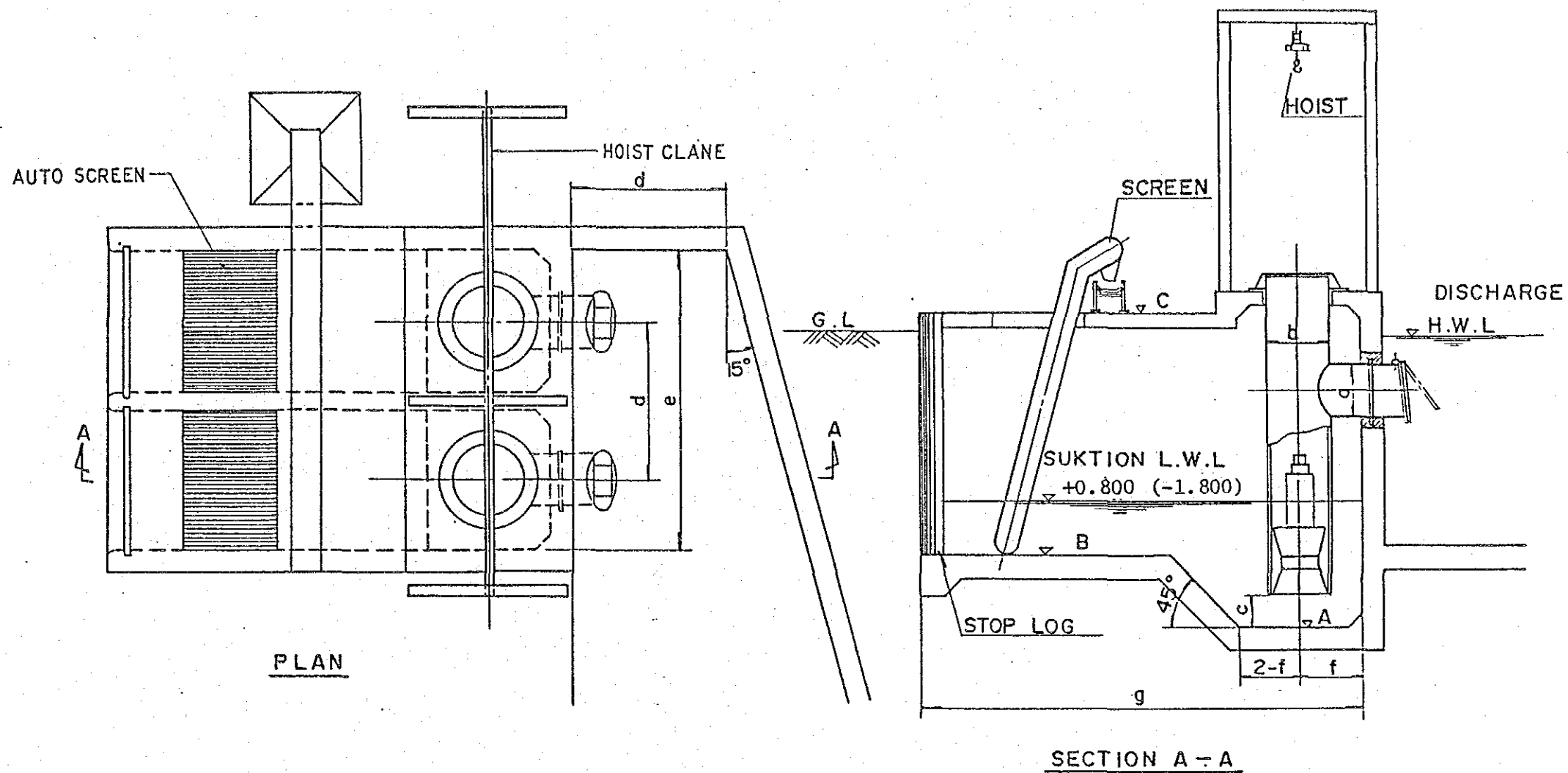
[Unit:m MSL]

| NAME OF PUMPING STATION | NO. S OF PUMP | TOTAL CAPACITY      | ELEVATION (IN 2000) |                    |                    |                    | DIMENSION |       |       |       |        |       |        | DISCHARGE HWL      |
|-------------------------|---------------|---------------------|---------------------|--------------------|--------------------|--------------------|-----------|-------|-------|-------|--------|-------|--------|--------------------|
|                         |               |                     | G. L                | A                  | B                  | C                  | a         | b     | c     | d     | e      | f     | g      |                    |
| K. BANG NA CHINE        | 3             | 9 m <sup>3</sup> /S | +0.600<br>(-0.400)  | -4.800<br>(-5.800) | -3.430<br>(-4.430) | +1.100<br>(+0.100) | 1.200     | 1.400 | 0.700 | 3.600 | 12.000 | 1.400 | 10.000 | -0.180<br>(-1.180) |
| K. KLET                 | 3             | 9                   | +0.800<br>(-0.200)  | -4.800<br>(-5.800) | -3.600<br>(-4.600) | +1.300<br>(+0.300) | "         | "     | "     | "     | "      | "     | "      | -0.160<br>(-1.160) |
| K. SAEN SAB             | 3             | 9                   | +0.600<br>(-0.400)  | -4.800<br>(-5.800) | -3.500<br>(-4.500) | +1.100<br>(+0.100) | "         | "     | "     | "     | "      | "     | "      | +0.200<br>(-0.800) |

0.700:Elevation at present (m MSL)

(-0.300):Elevation in 2000 (m MSL)

|  |                                  |
|--|----------------------------------|
| DWG. H.1   | PUMPING STATION(1) -3 UNIT TYPE- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |                                  |



[Unit:m MSL]

| NAME OF PUMPING STATION | NO.S OF PUMP | TOTAL CAPACITY      | ELEVATION (IN 2000) |                    |                    |                    | DIMENTION |       |       |       |       |       |        | DISCHARGE HWL      |
|-------------------------|--------------|---------------------|---------------------|--------------------|--------------------|--------------------|-----------|-------|-------|-------|-------|-------|--------|--------------------|
|                         |              |                     | G.L                 | A                  | B                  | C                  | a         | b     | c     | d     | e     | f     | g      |                    |
| K.BANG LAI              | 2            | 6 m <sup>3</sup> /S | +0.700<br>(-0.300)  | -4.800<br>(-5.800) | -3.500<br>(-4.500) | +1.200<br>(+0.200) | 1.200     | 1.400 | 0.700 | 3.600 | 8.000 | 1.400 | 10.000 | -0.165<br>(-1.165) |
| K.HUAY KWANG            | 2            | 3 m <sup>3</sup> /S | +0.700<br>(0.000)   | -3.600<br>(-4.300) | -2.000<br>(-2.700) | +1.500<br>(+0.800) | 0.700     | 0.900 | 0.450 | 2.100 | 5.000 | 1.200 | 9.500  | +0.900<br>(+0.200) |

0.700:Elevation at present (m MSL)

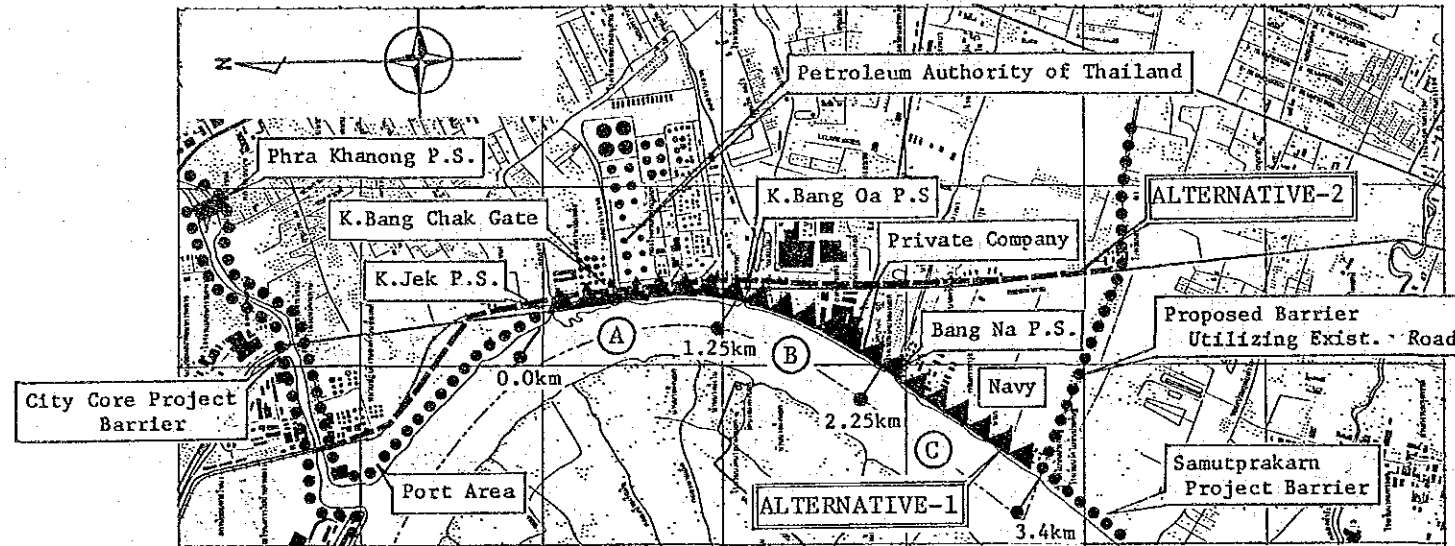
(-0.300):Elevation in 2000 (m MSL)

|  |                                  |
|--|----------------------------------|
| DWG. H.2   | PUMPING STATION(2) -2 UNIT TYPE- |
| FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK |                                  |

I. FLOOD PROTECTION BARRIER

( 2 SHEETS)

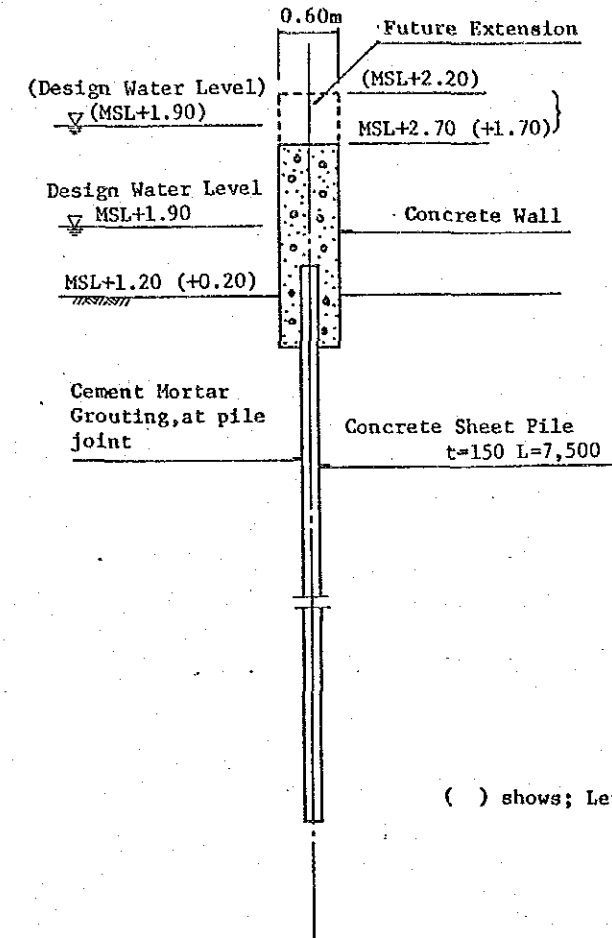
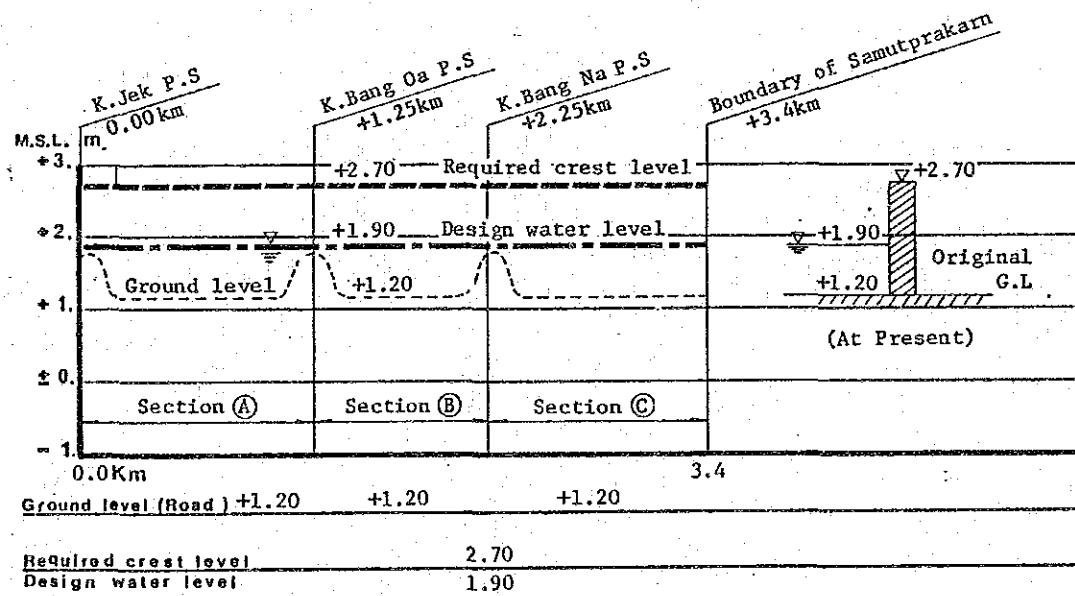
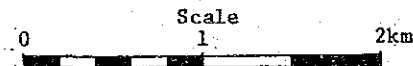
BARRIER - CHAO PHRAYA RIVER



BARRIER ALIGNMENT

▲▲▲▲: ALTERNATIVE-1 (Adopted in this study)

-----: ALTERNATIVE-2

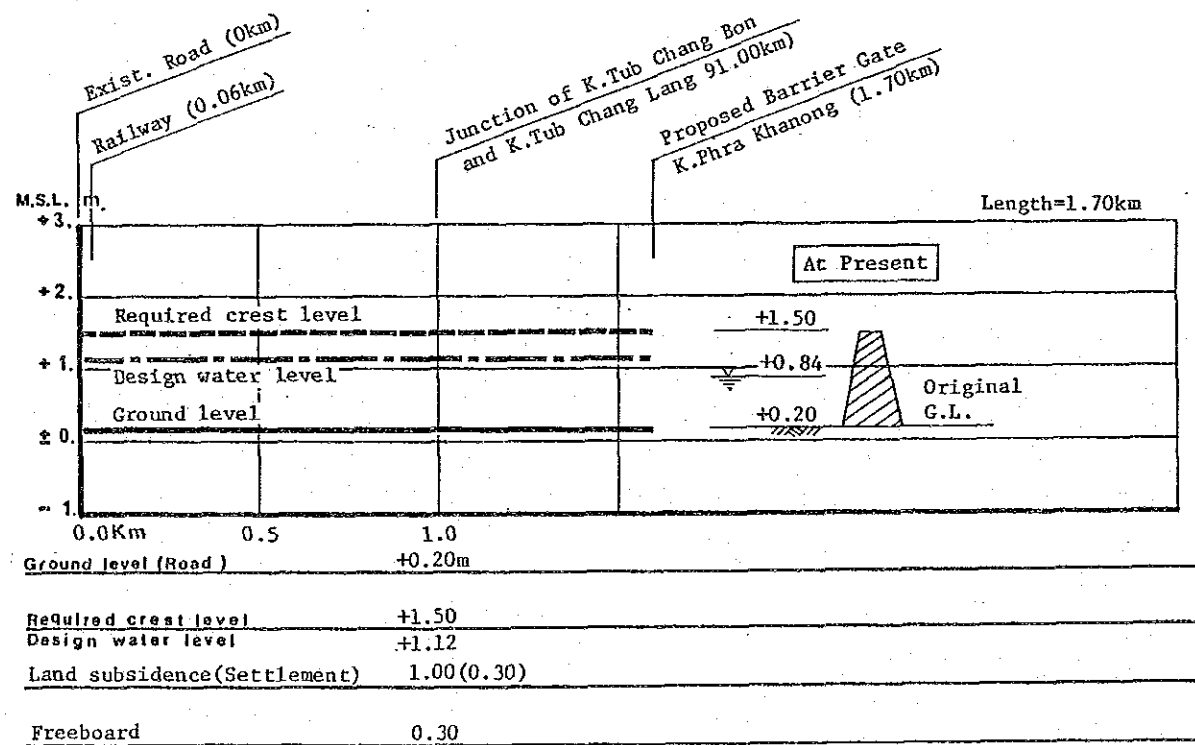
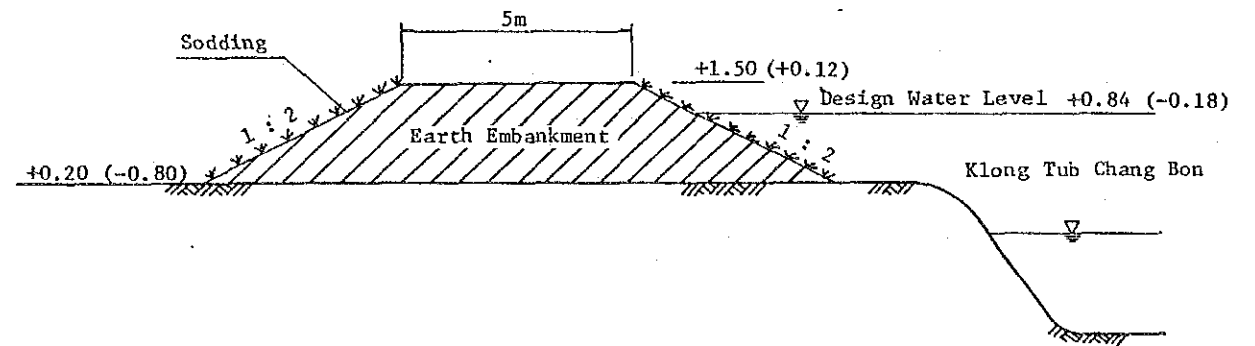
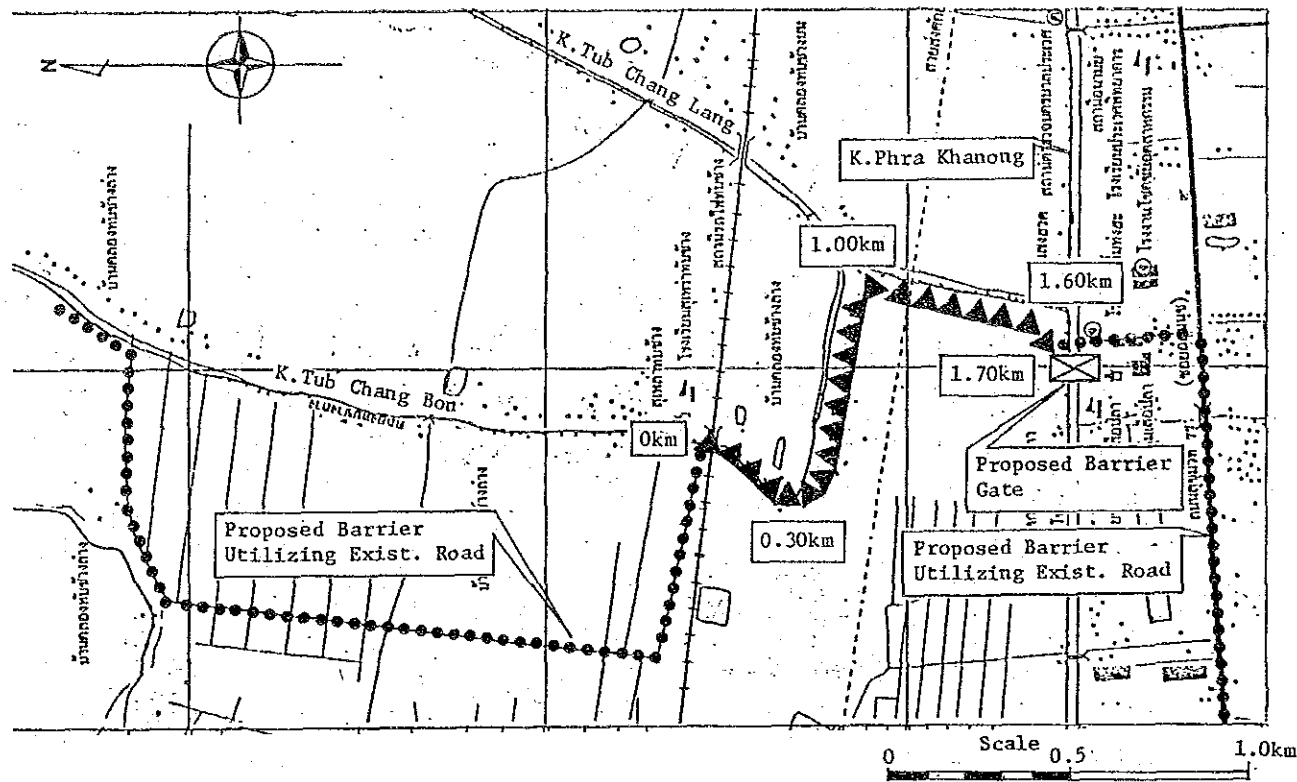


( ) shows; Level in 2 000

DWG. I.1

FLOOD PROTECTION BARRIER (1) -ALONG CHAO PHRAYA RIVER-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK



DWG. I.2

FLOOD PROTECTION BARRIER (2) -ALONG K.TUB CHANG BON-

FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK