JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

ROYAL IRRIGATION DEPARTMENT MINISTRY OF AGRICULTURE AND COOPERATIVES KINGDOM OF THAILAND

THE DETAILED DESIGN STUDY ON THE BANG PAKONG DIVERSION DAM PROJECT

BASIC DESIGN REPORT

DRAWINGS

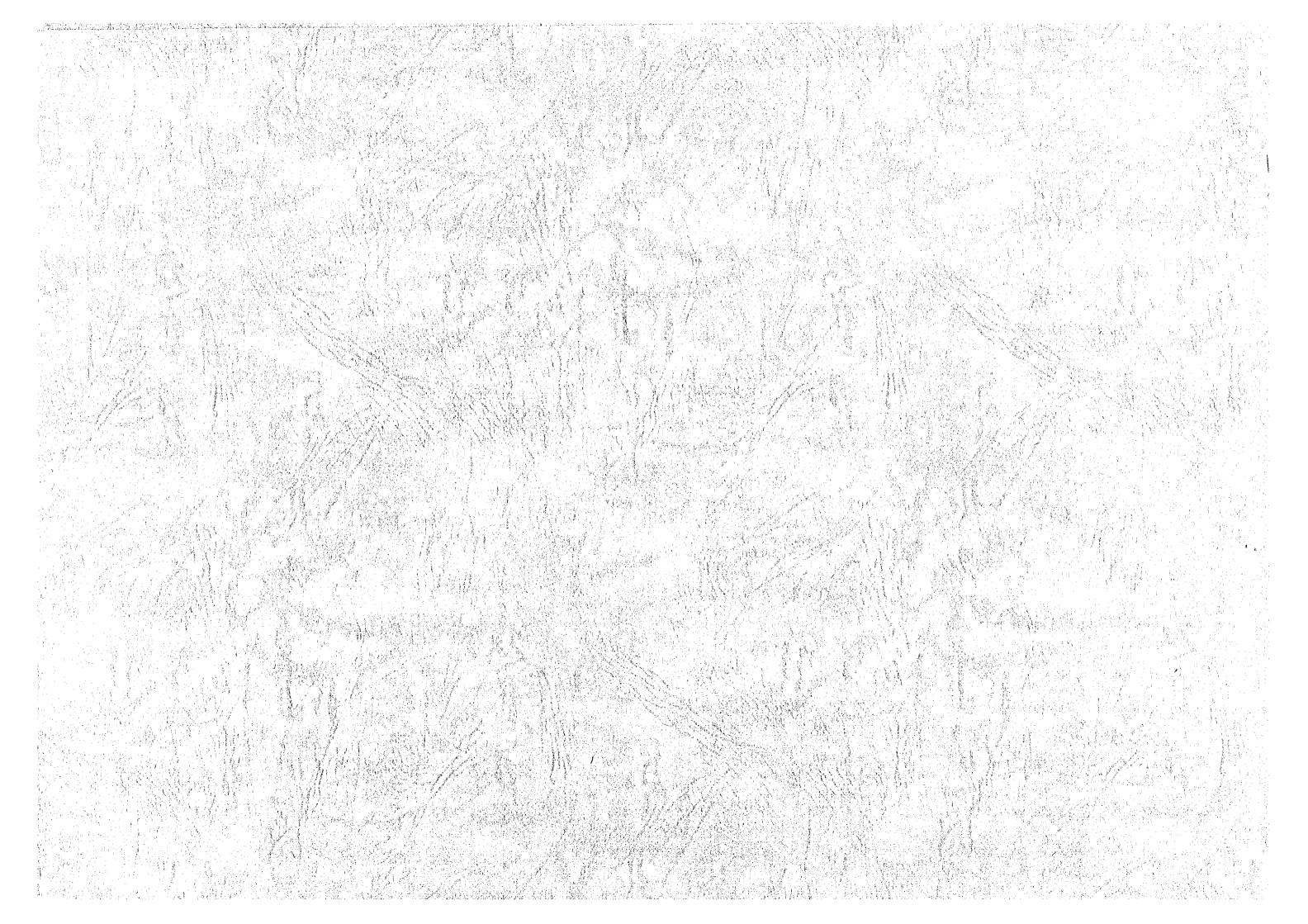


FEBRUARY 1993



SANYU CONSULTANTS INC.





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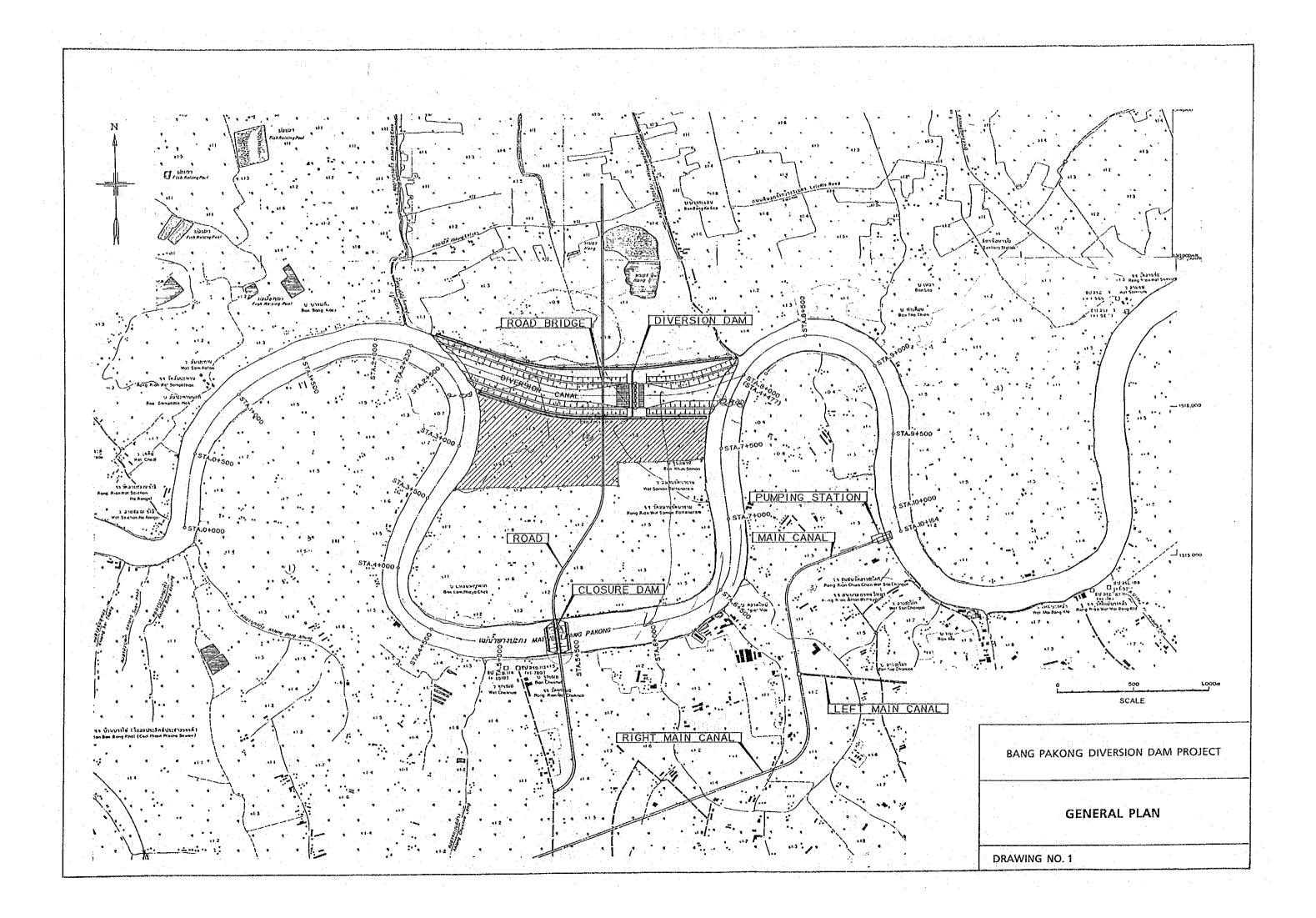
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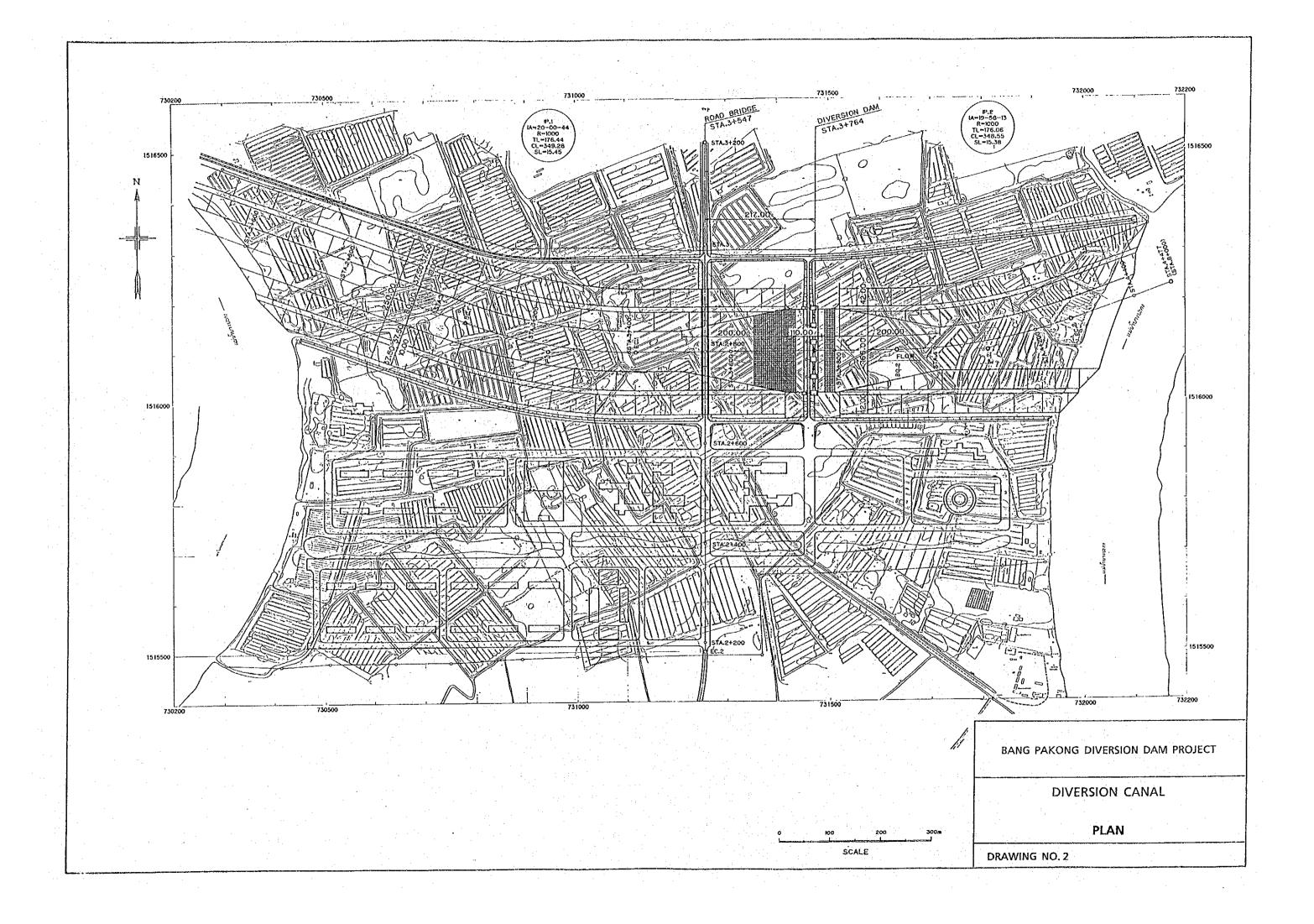
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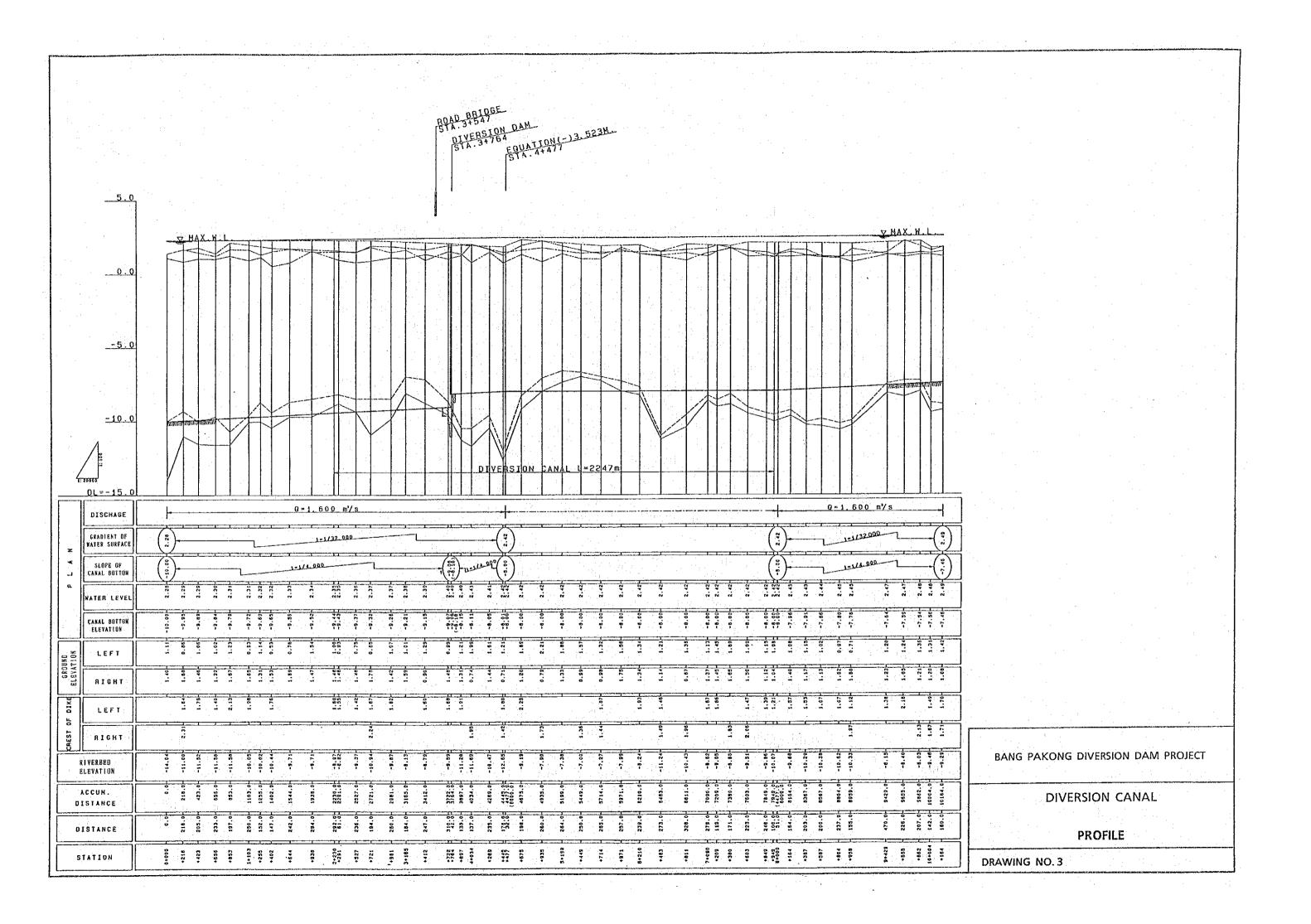


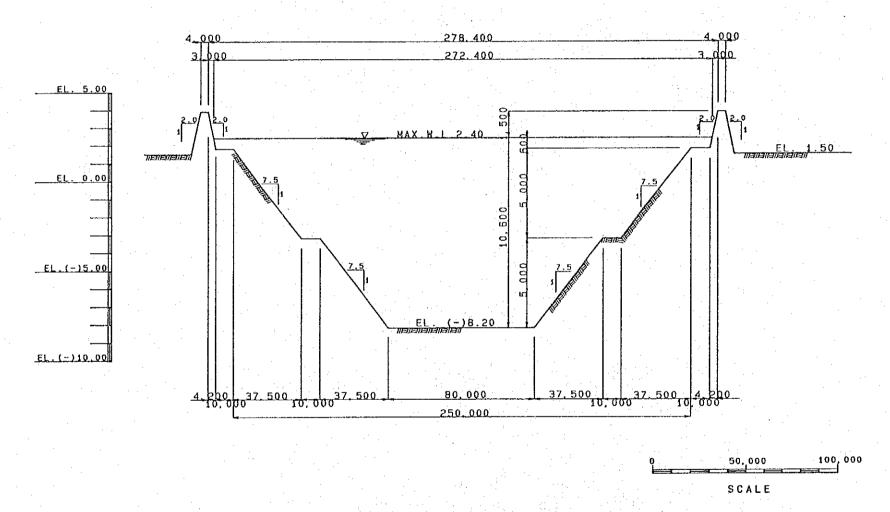
LIST OF DRAWINGS

	LIST OF DRAWINGS
DRAWING NO	TITLE
1.	GENERAL PLAN
2.	DIVERSION CANAL, PLAN
3.	DIVERSION CANAL, PROFILE
4.	DIVERSION CANAL, TYPICAL SECTION
5.	DIVERSION CANAL, CROSS SECTIONS (1/2)
6.	DIVERSION CANAL, CROSS SECTIONS (2/2)
7.	DIVERSION DAM, PLAN
8.	DIVERSION DAM, ELEVATION
9.	DIVERSION DAM, SECTION
10.	DIVERSION DAM, TIDE PROTECTION GATES - ELEVATION AND SECTIONS
11.	DIVERSION DAM, FLOOD GATE - GATE LEAF
12.	DIVERSION DAM, FLOOD GATE - HOIST
13.	DIVERSION DAM, REGULATING GATE - GATE LEAF
14.	DIVERSION DAM, REGULATING GATE - HOIST
15.	DIVERSION DAM, STOP LOG
16.	CLOSURE DAM, SECTIONS
17.	CLOSURE DAM, CROSS SECTIONS (1/2)
18.	CLOSURE DAM, CROSS SECTIONS (2/2)
19.	ROAD, PROFILE
20.	ROAD, TYPICAL SECTION
21.	ROAD, CROSS SECTIONS (1/3)
22.	ROAD, CROSS SECTIONS (2/3)
23.	ROAD, CROSS SECTIONS (3/3)
24.	ROAD BRIDGE, ELEVATION
25.	PUMPING STATION, PLAN
26.	PUMPING STATION, ELEVATION & SECTIONS
27.	PUMPING STATION, INTAKE STRUCTURE
28.	PUMPING STATION, SUCTION SUMP STRUCTURE
29.	PUMPING STATION, DISCHARGE RESERVOIR STRUCTURE
30.	PUMPING STATION, PUMP HOUSE - PLAN & ELEVATION







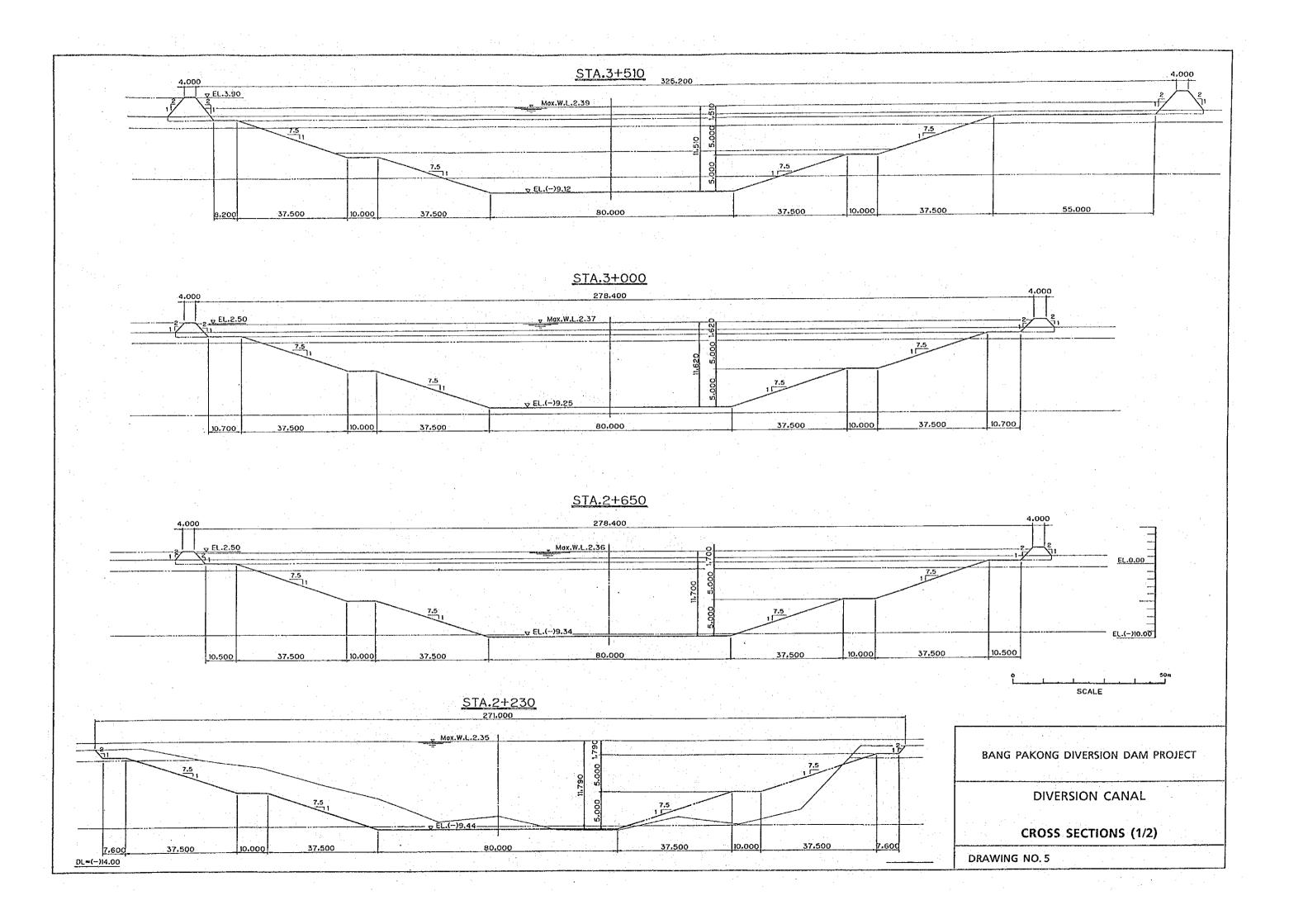


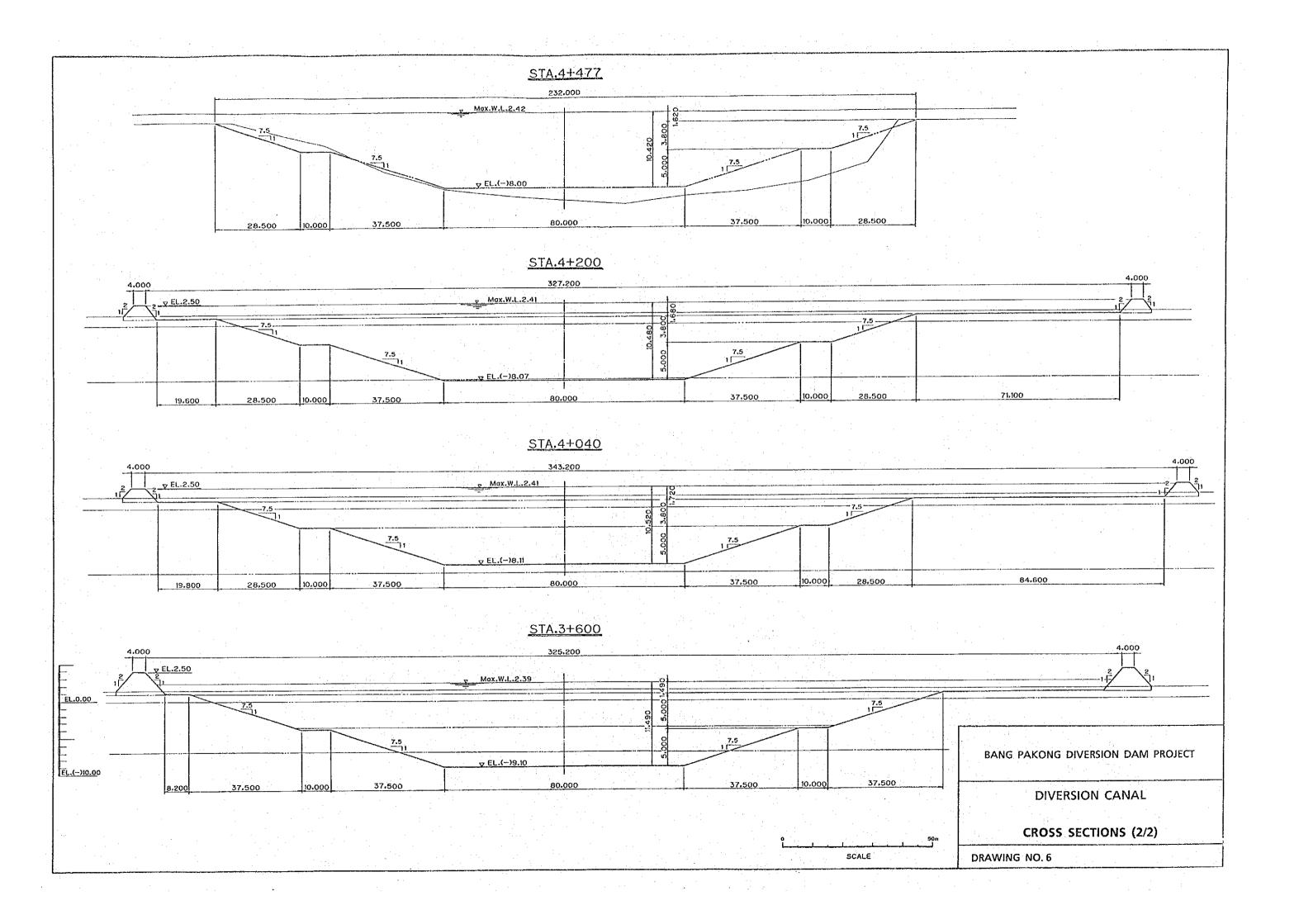
TYPICAL SECTION OF DIVERSION CANAL (AT THE DIVERSION DAMSITE)

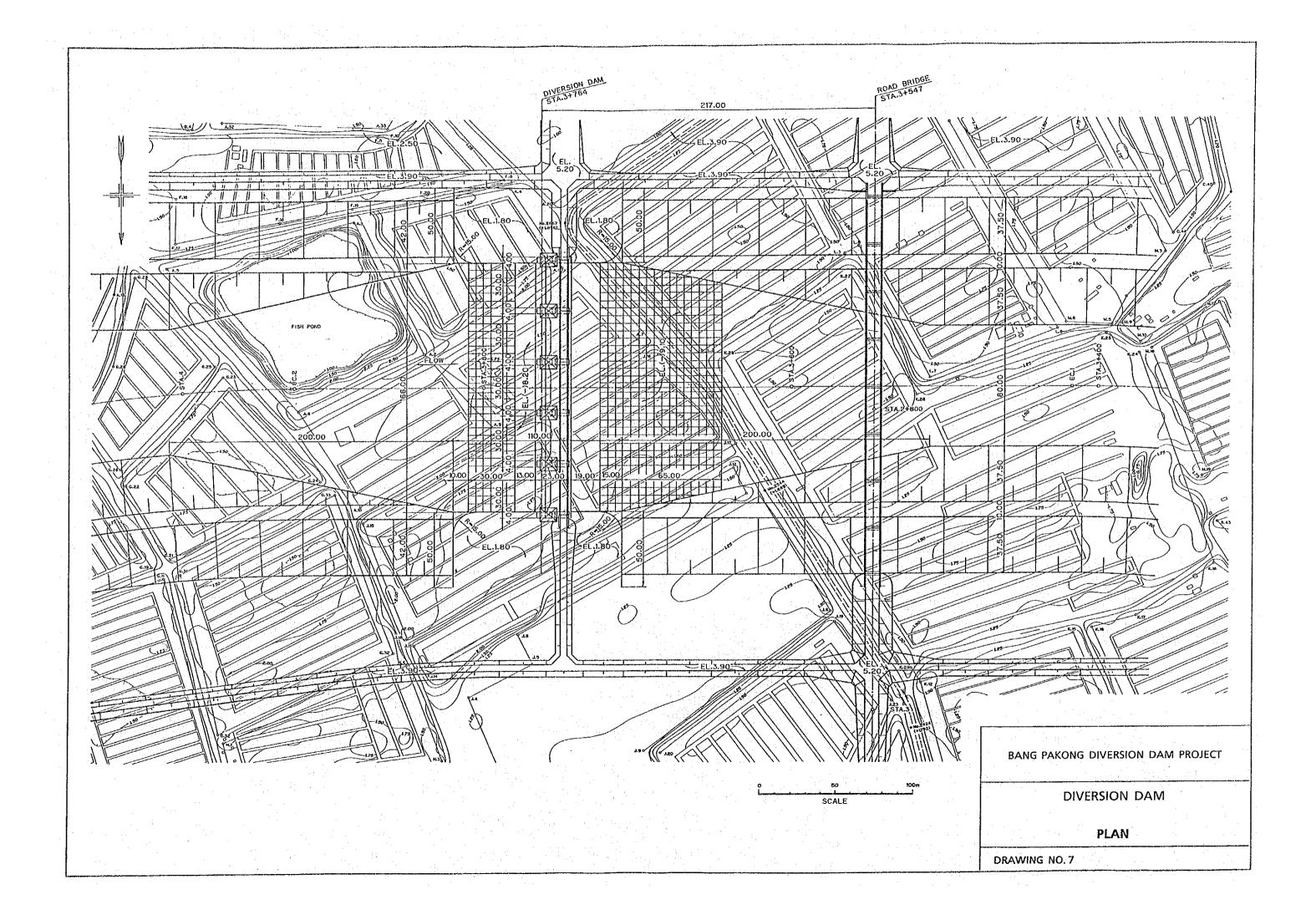
BANG PAKONG DIVERSION DAM PROJECT

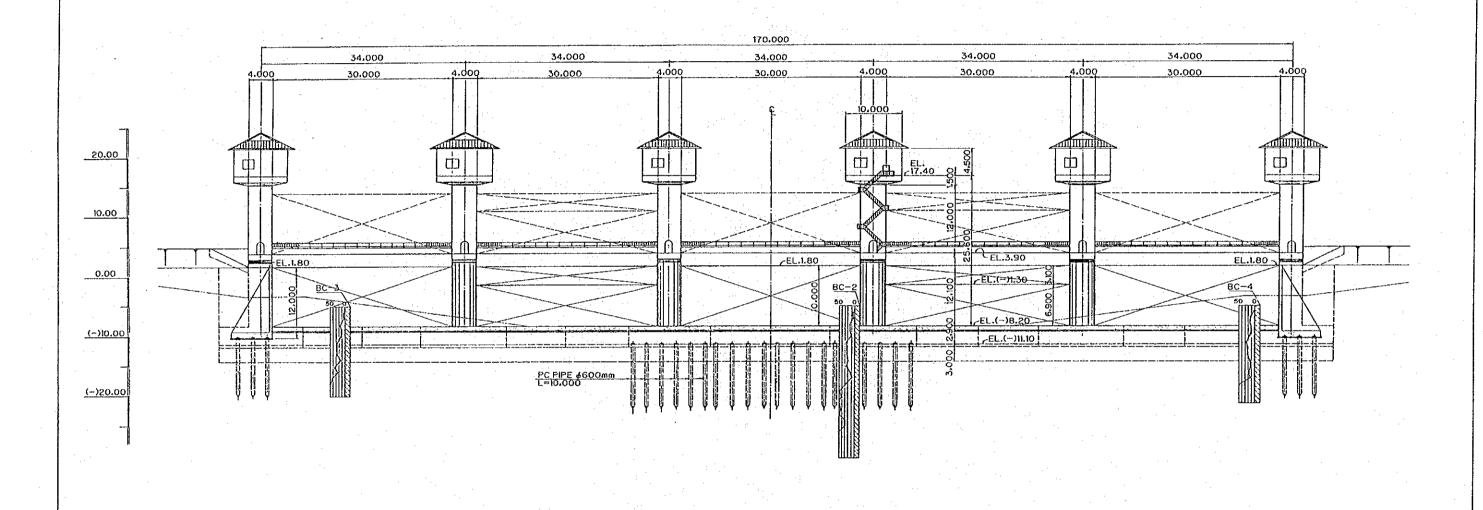
DIVERSION CANAL

TYPICAL SECTION

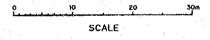








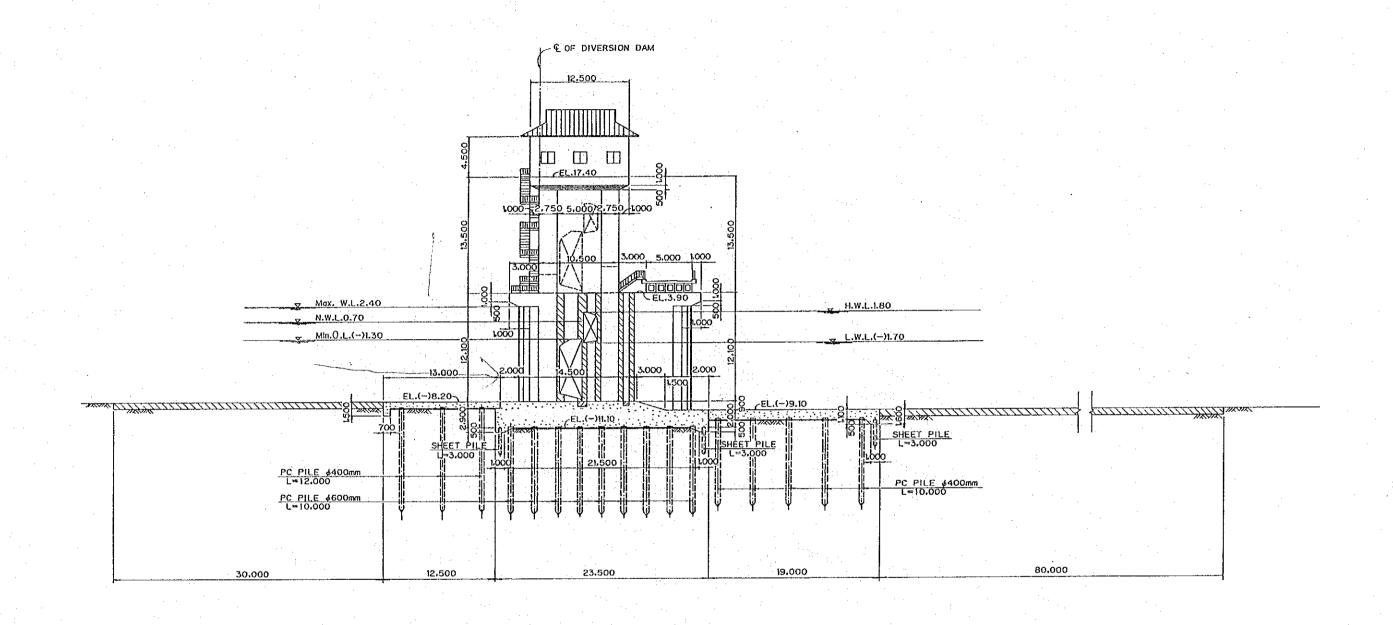
GENERAL ELEVATION OF DIVERSION DAM



BANG PAKONG DIVERSION DAM PROJECT

DIVERSION DAM

ELEVATION

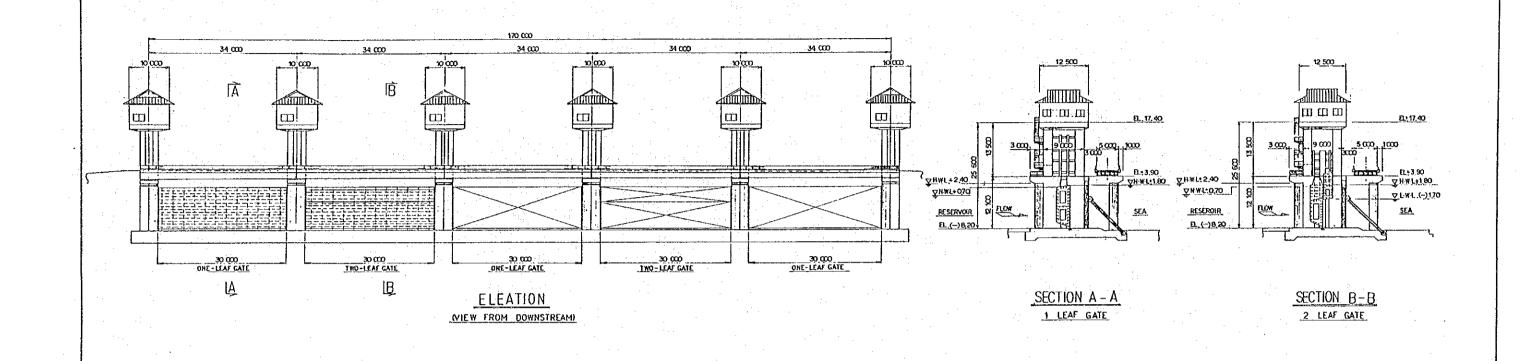


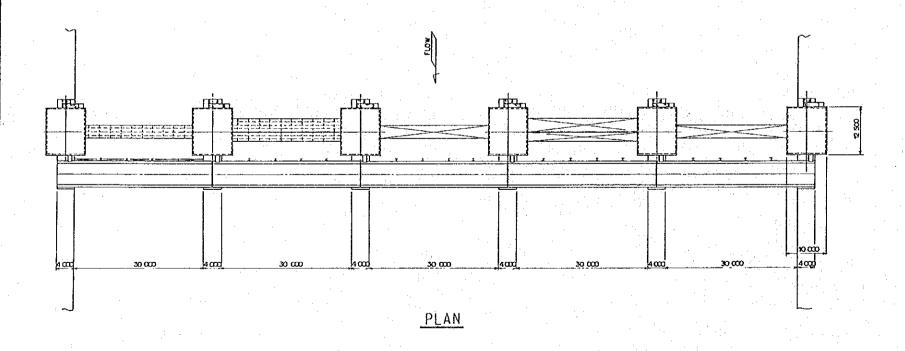
BANG PAKONG DIVERSION DAM PROJECT

DIVERSION DAM

SECTION

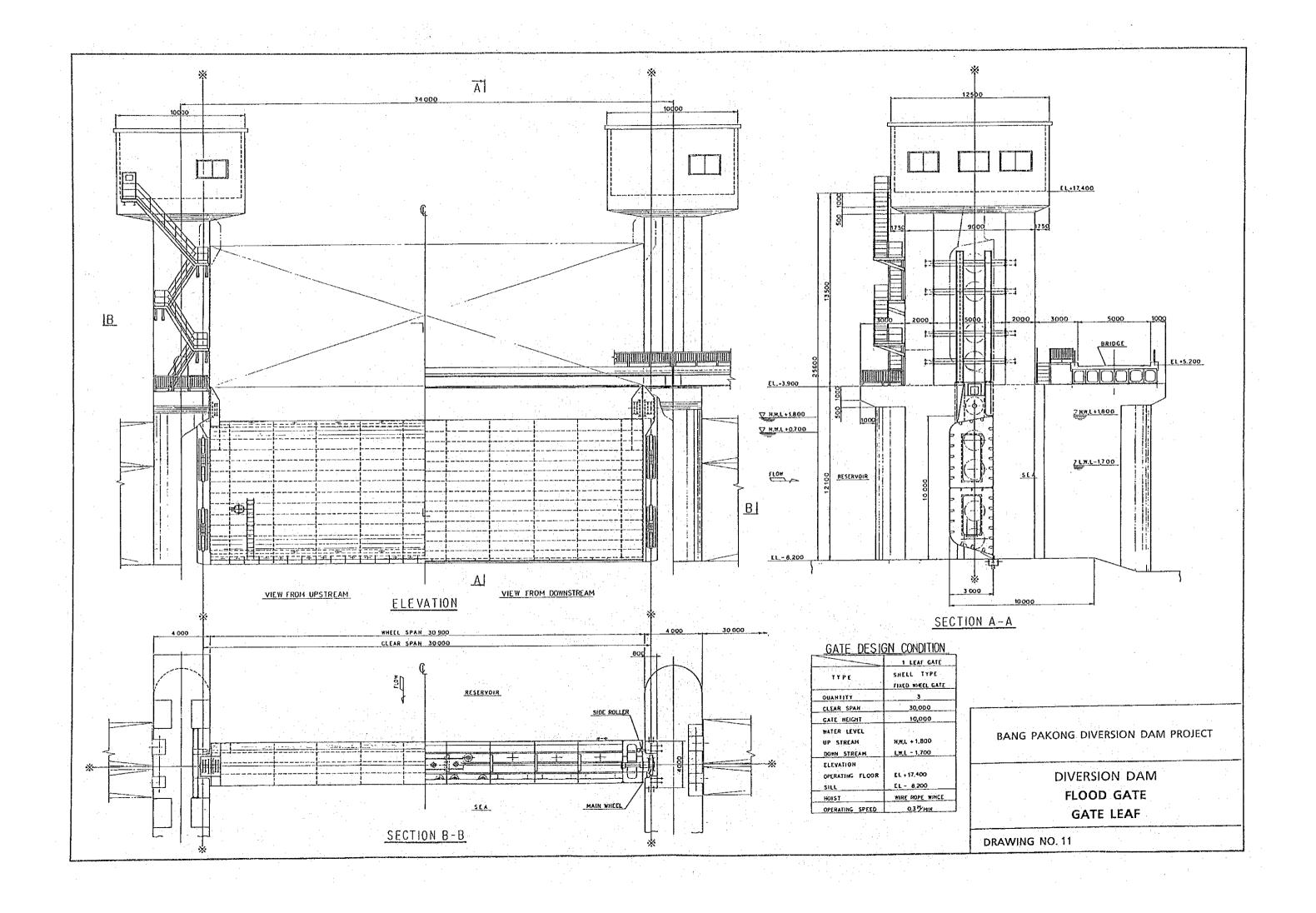
DRAWING NO. 9

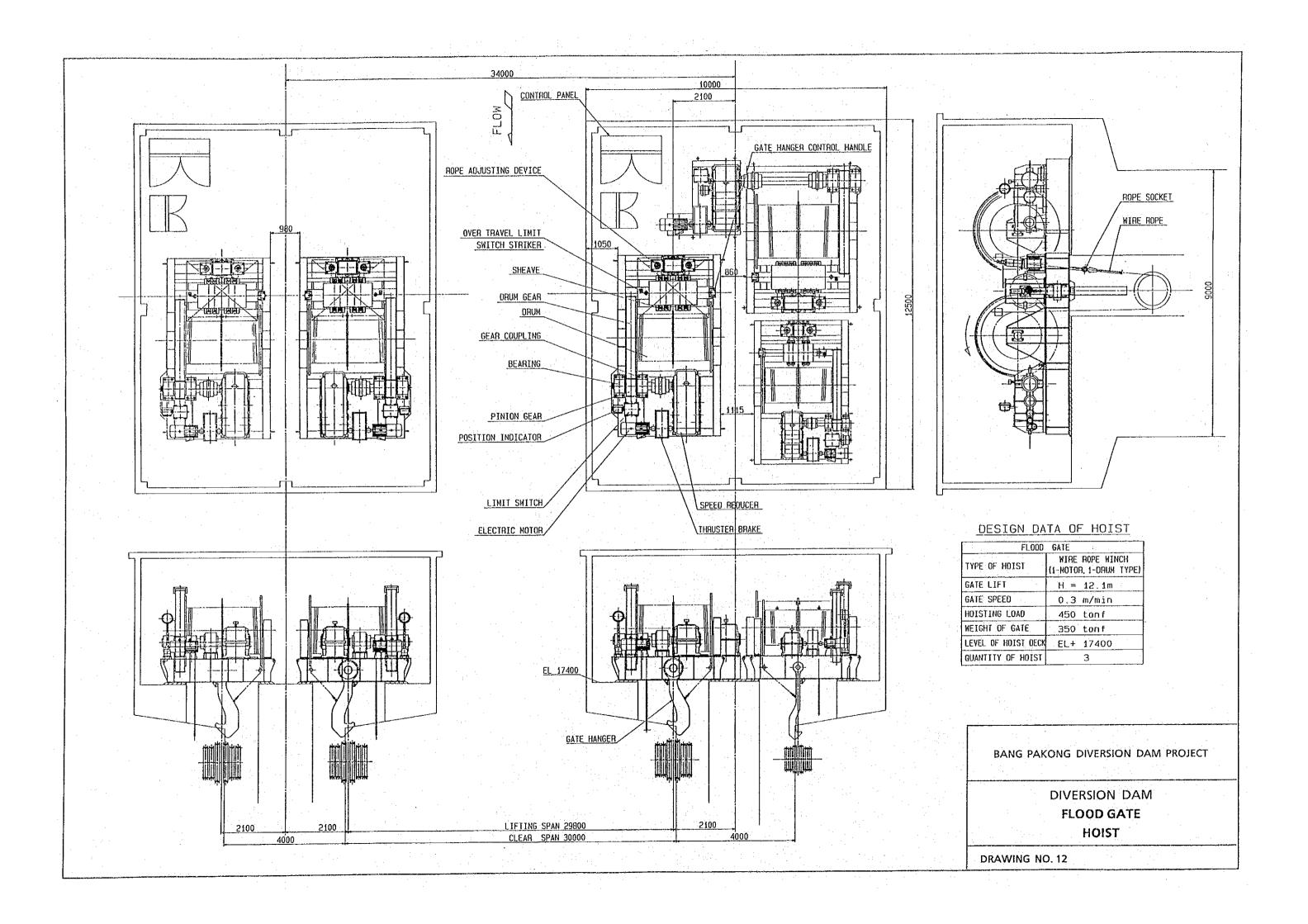


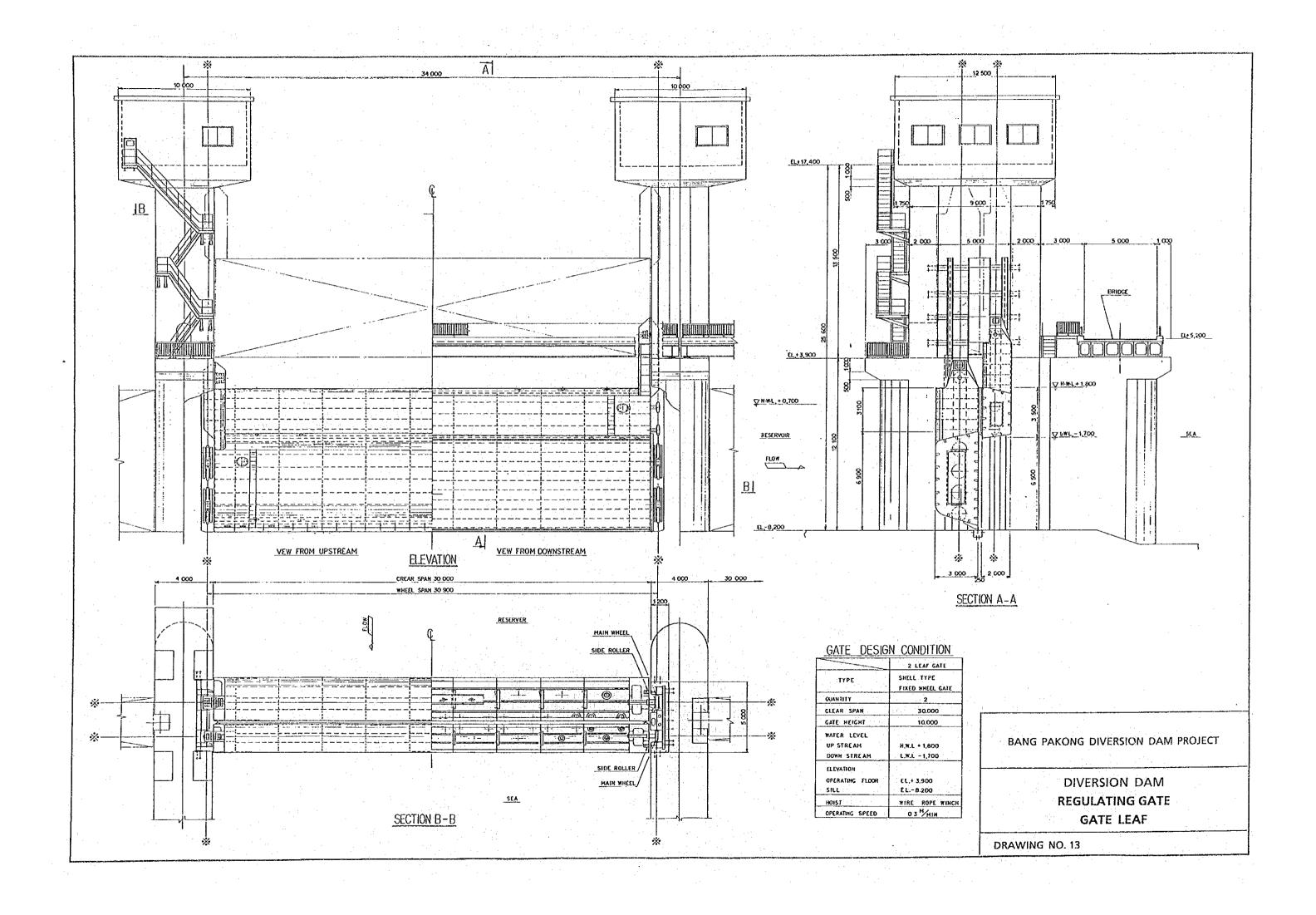


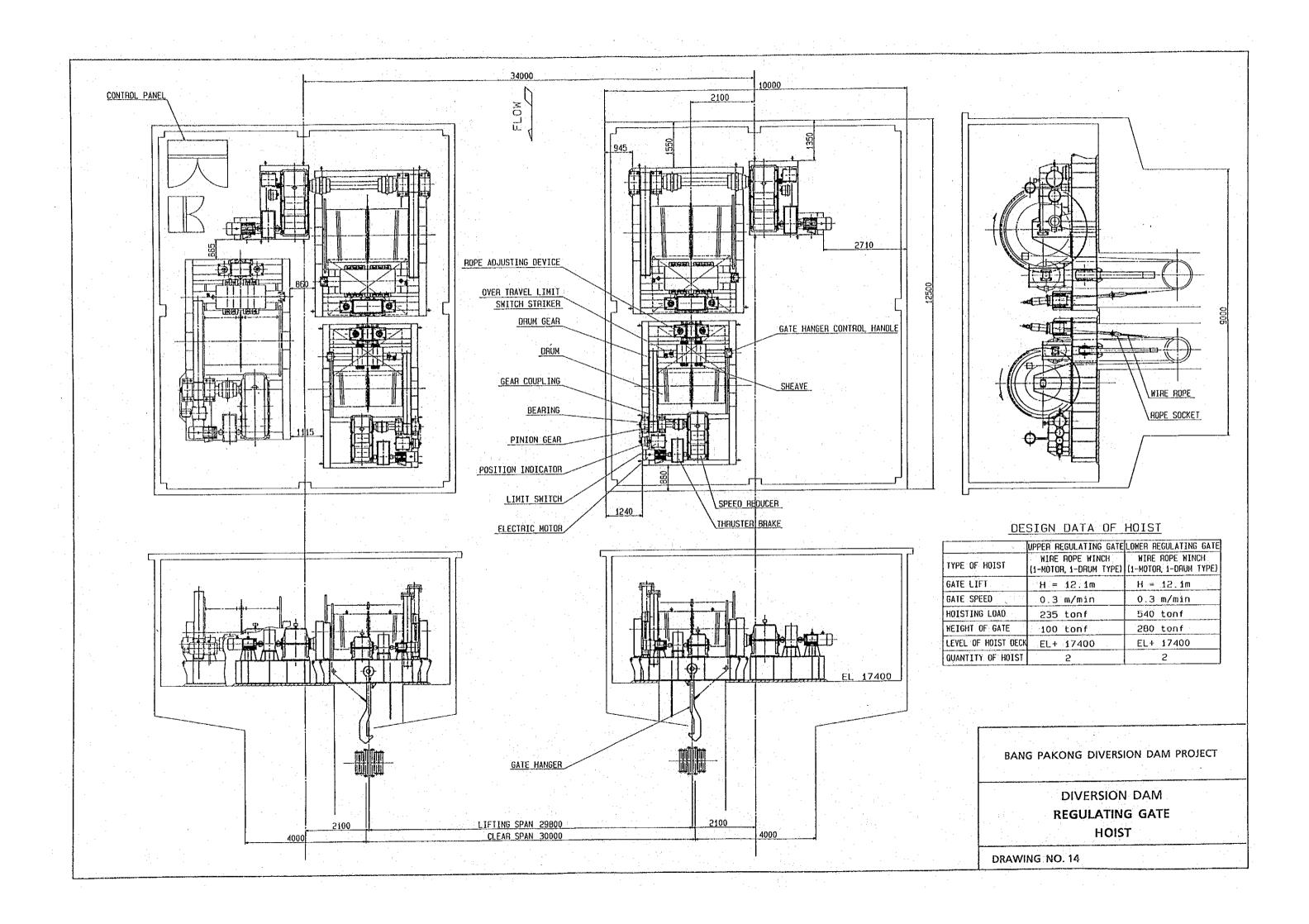
BANG PAKONG DIVERSION DAM PROJECT

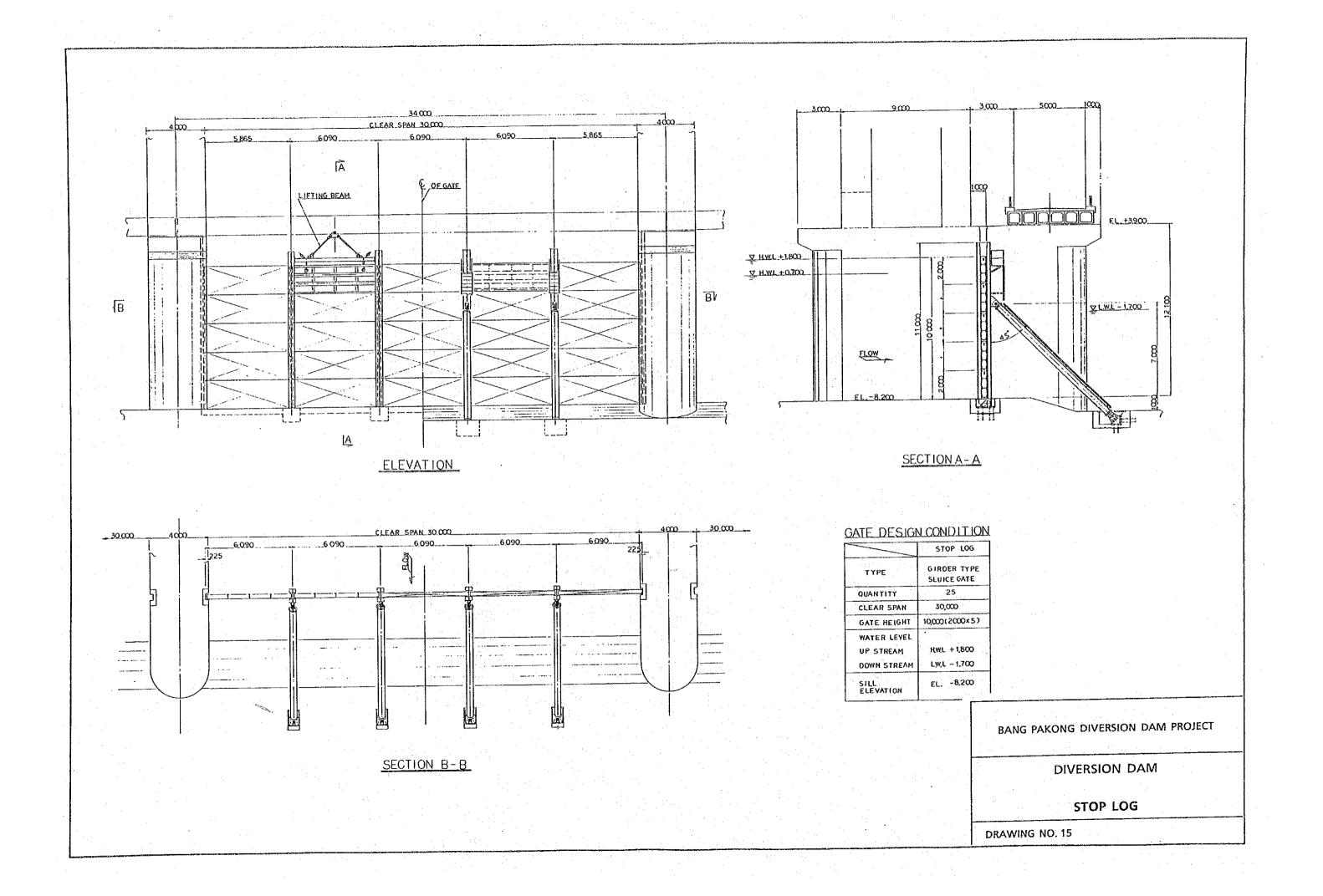
DIVERSION DAM
TIDE PROTECTION GATES
ELEVATION AND SECTIONS

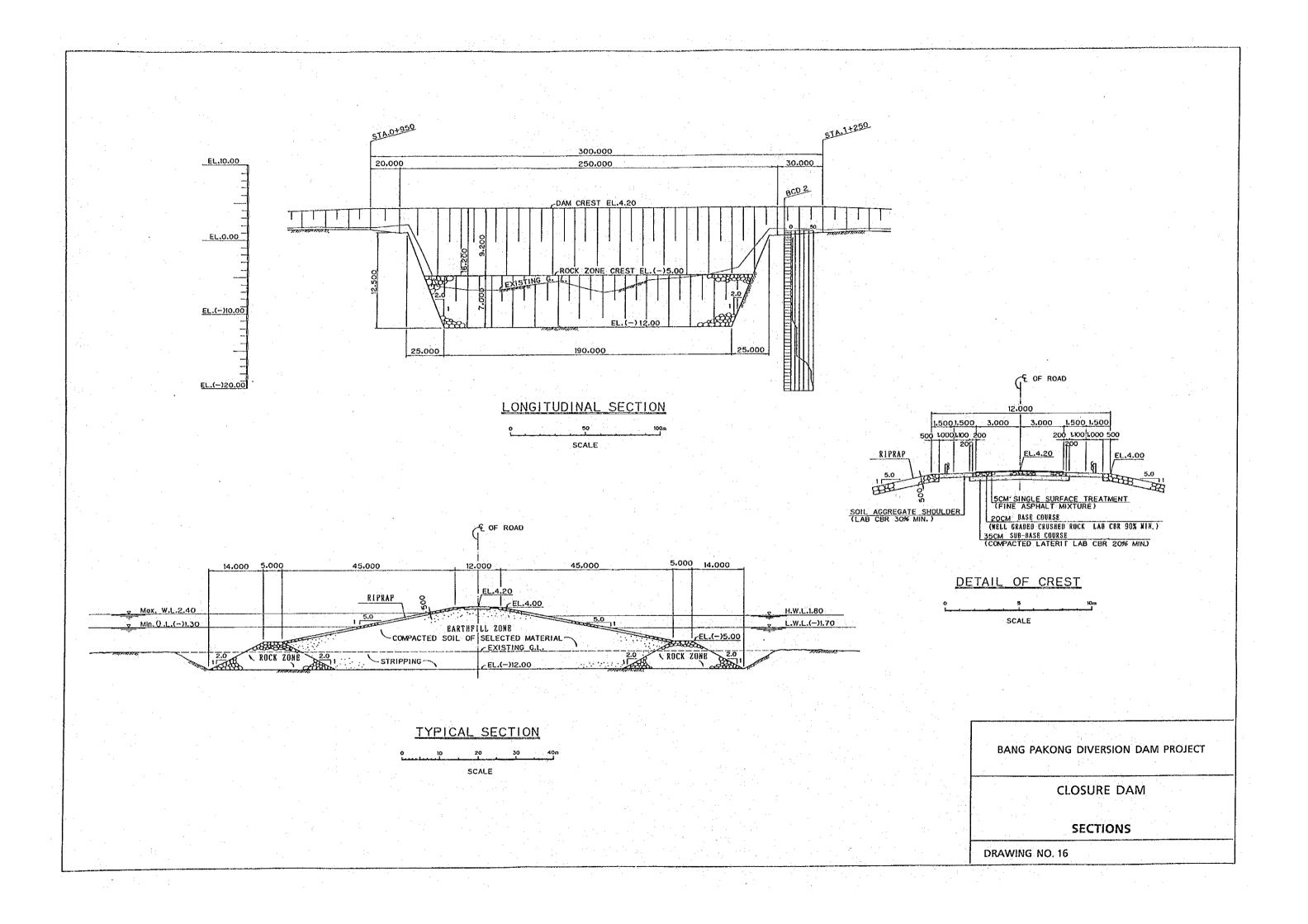


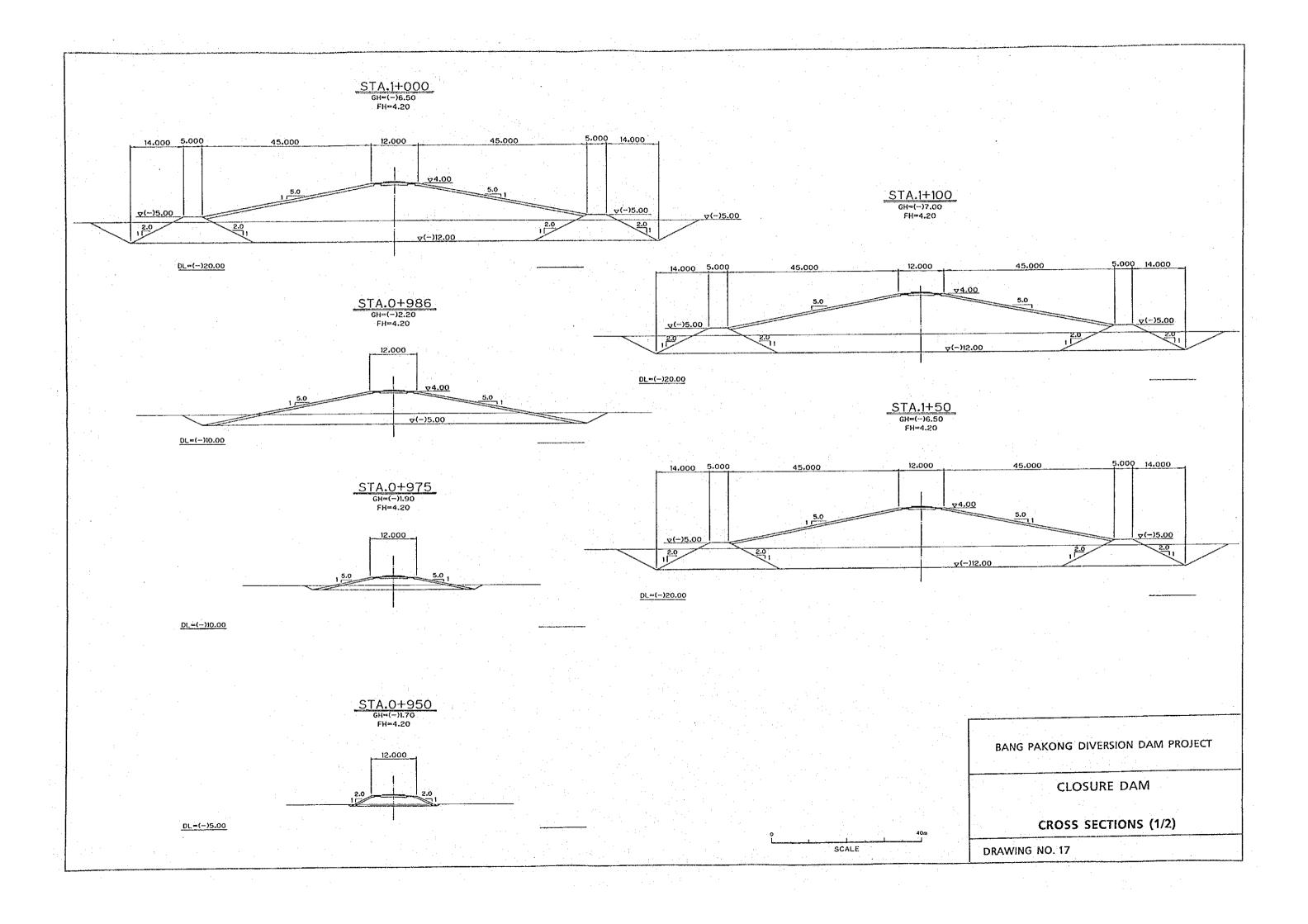


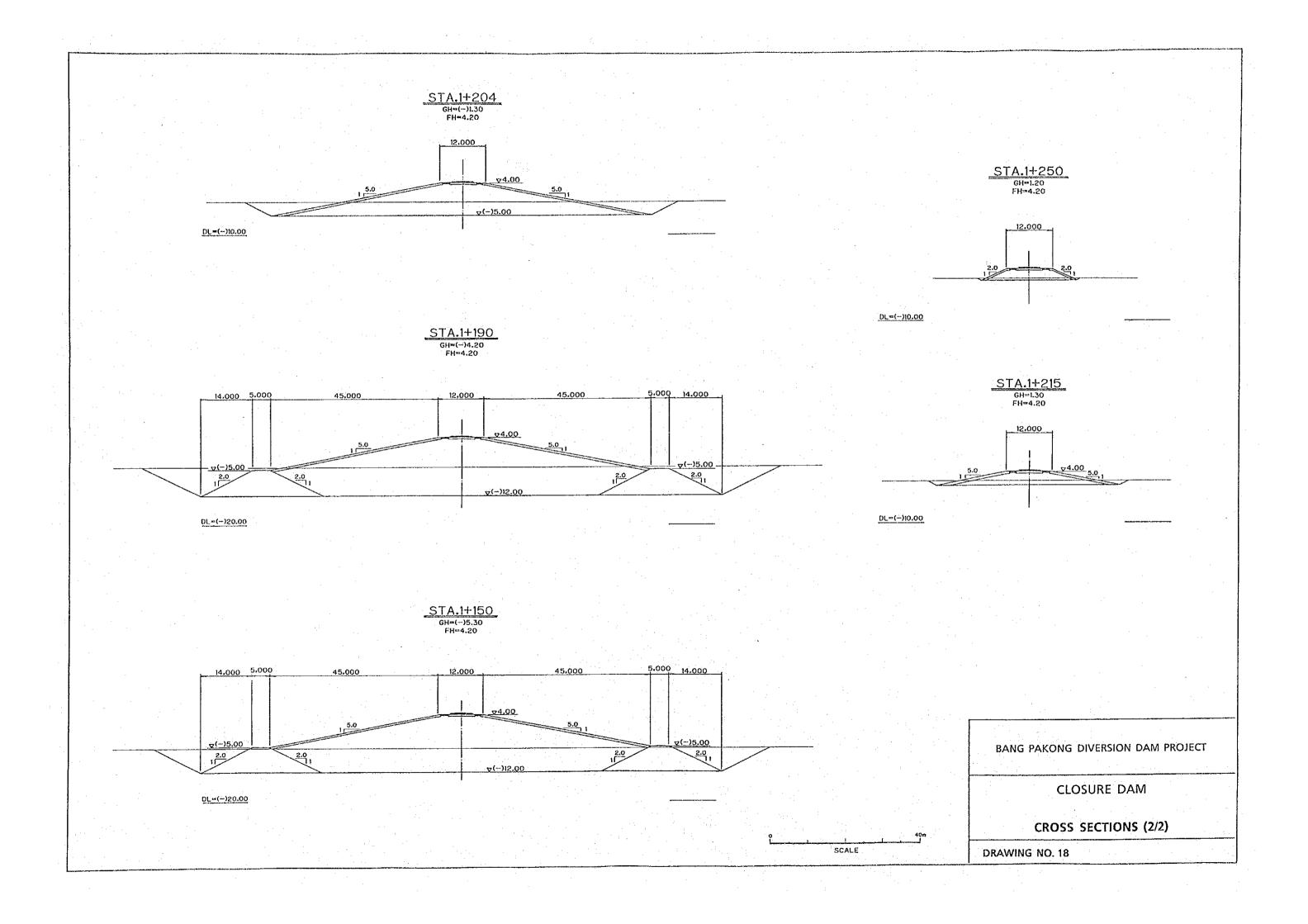


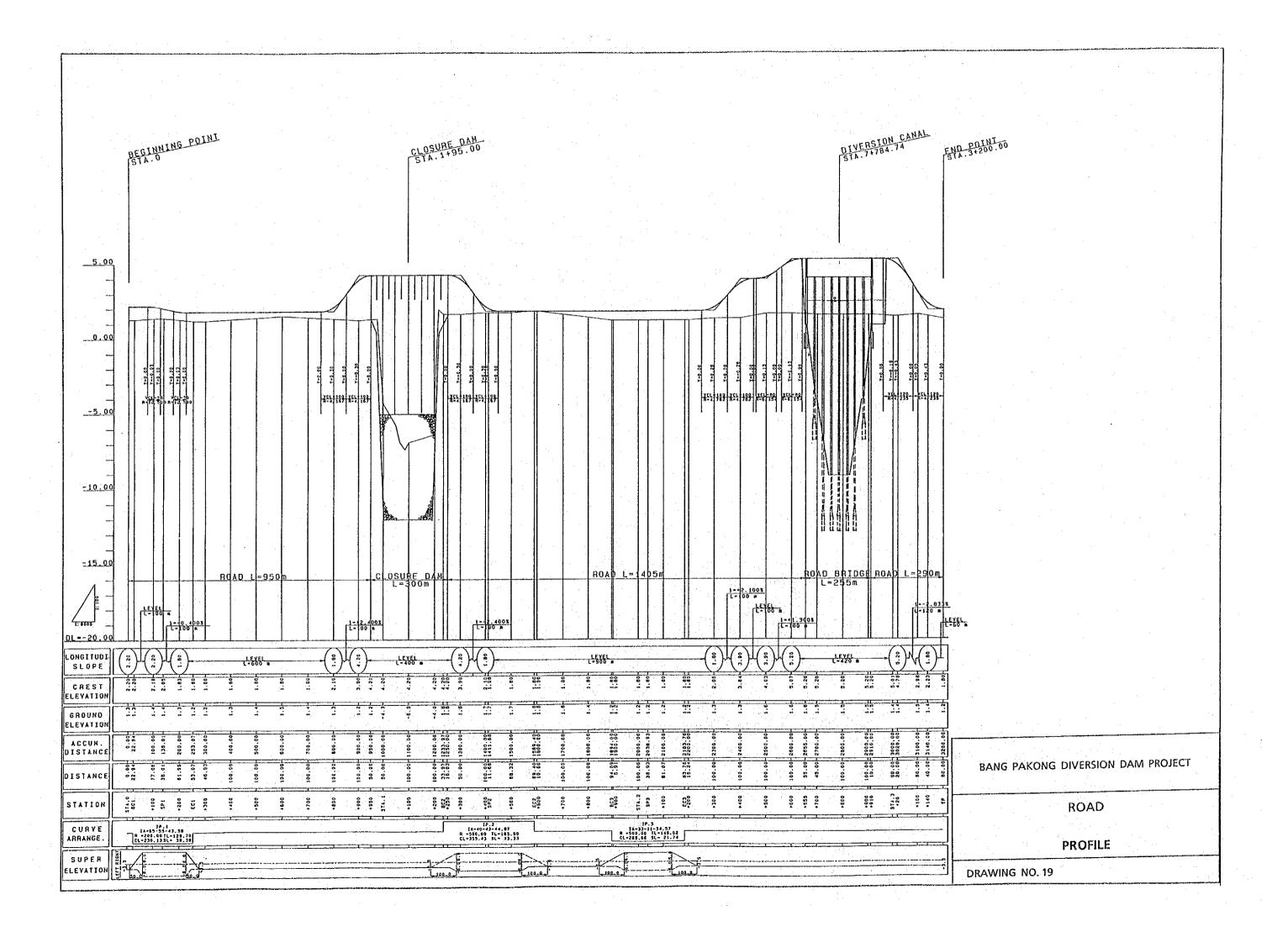


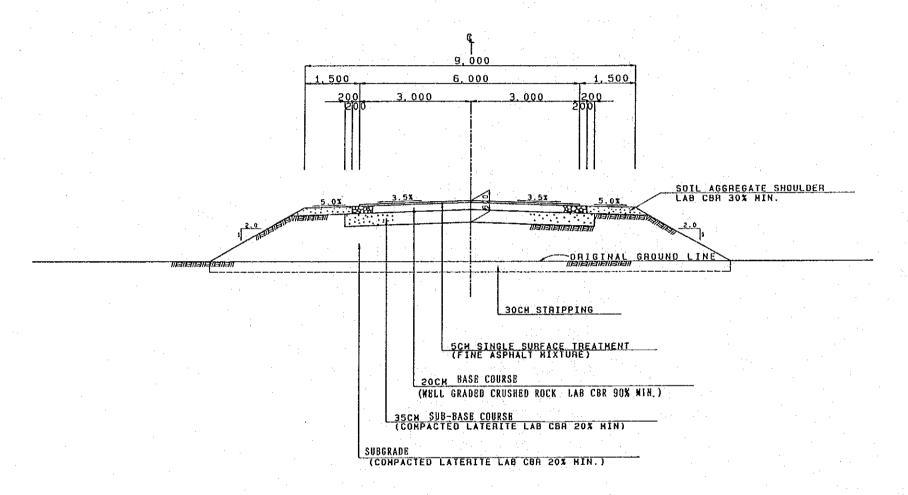












TYPICAL SECTION OF ROAD

SCALE

DESIGN CONDITIONS

CLASS OF ROAD			CLASS 4	
DESIGN SPEED				80ks/hr
DESIGN CBR			3 X	
PAVENENT		TINU	TA	н
REQUIRED THICKNESS			19	48
DESIGN THICKNESS		1	19	60
SURFACE TREATMENT	FINE ASPHALT	,	5.0	5
BASE COURSE	NELL GRADED CRUSHED ROCK	,	7.0	20
SUB-BASE COURSE	COMPACTED LATERITE	,	7.0	35

BANG PAKONG DIVERSION DAM PROJECT

ROAD

TYPICAL SECTION

