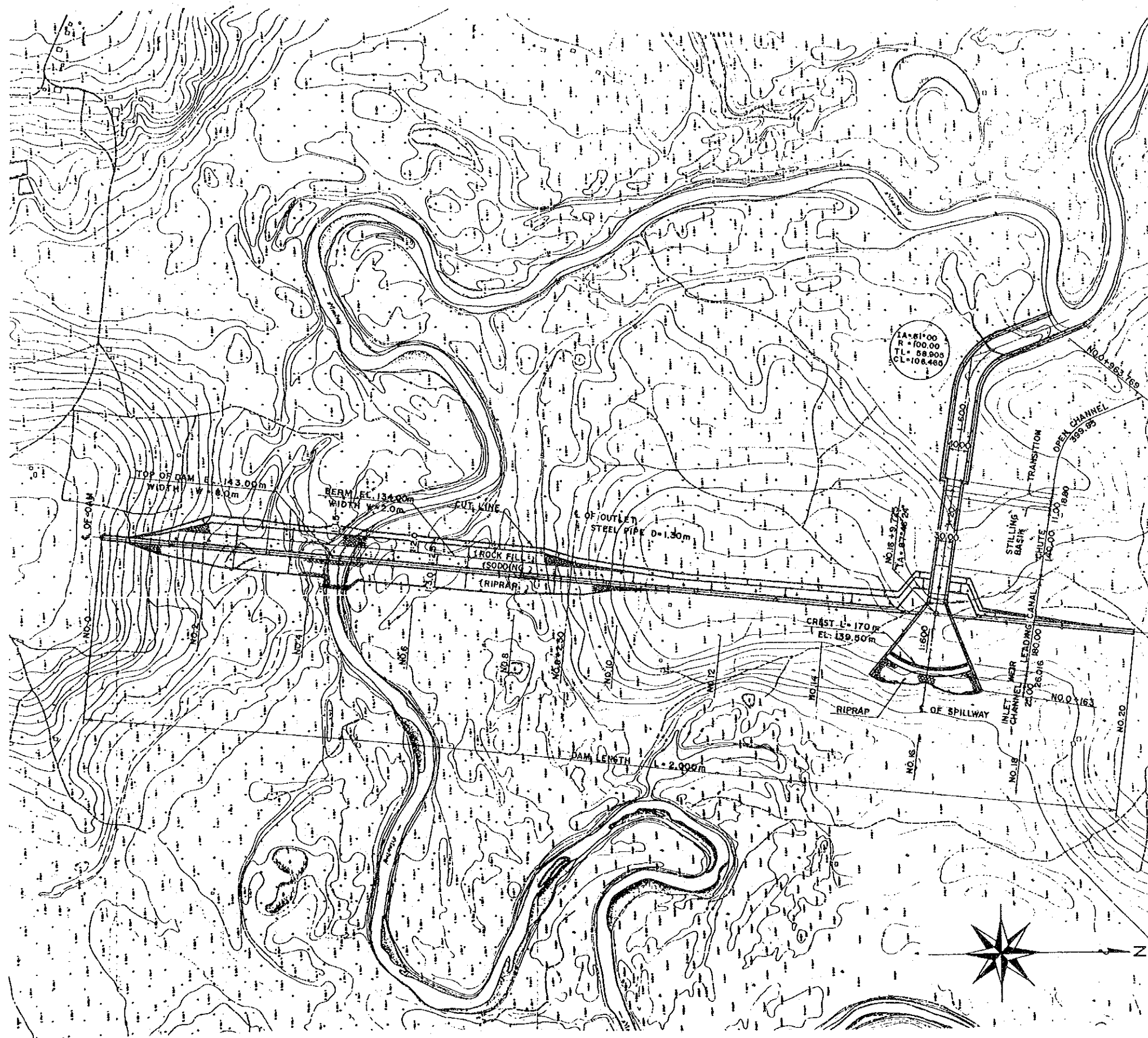


ないし、またその補償額も適当ではないかもしれない。移住対象の住民への課題は、事業開発の早い段階で強力な公衆キャンペーンが必要であるということである。移住地はそんなに遠くなく、補償額も公正に、適切に、同意を得たら直ちに支払うという特別の配慮が払われなければならない。

- ix) 予備的現地踏査では、貯水池周辺には水没すべき有史以前の大きな考古学的価値のある地点も対象物も見当たらない。従って、その救済計画は必要ない。しかし、環境影響報告調査のために、徹底的な考古学的調査は、上述の結論を確認するためにも必要であろう。

図面リスト

<u>DWR No.</u>	<u>図 面</u>
No. 1	ダム一般計画平面図
No. 2	堤体標準断面図
No. 3	堤体縦断面図
No. 4	洪水吐縦断面図
No. 5	放水路縦断面図
No. 6	左岸揚水機場計画図
No. 7	右岸揚水機場計画図
No. 8	用水路組織図
No. 9	用水路標準断面、縦断面図
No. 10	用水路付帯工図 (1/4)
No. 11	用水路付帯工図 (2/4)
No. 12	用水路付帯工図 (3/4)
No. 13	用水路付帯工図 (4/4)
No. 14	末端圃場施設標準設計図
No. 15	計画用水系統図



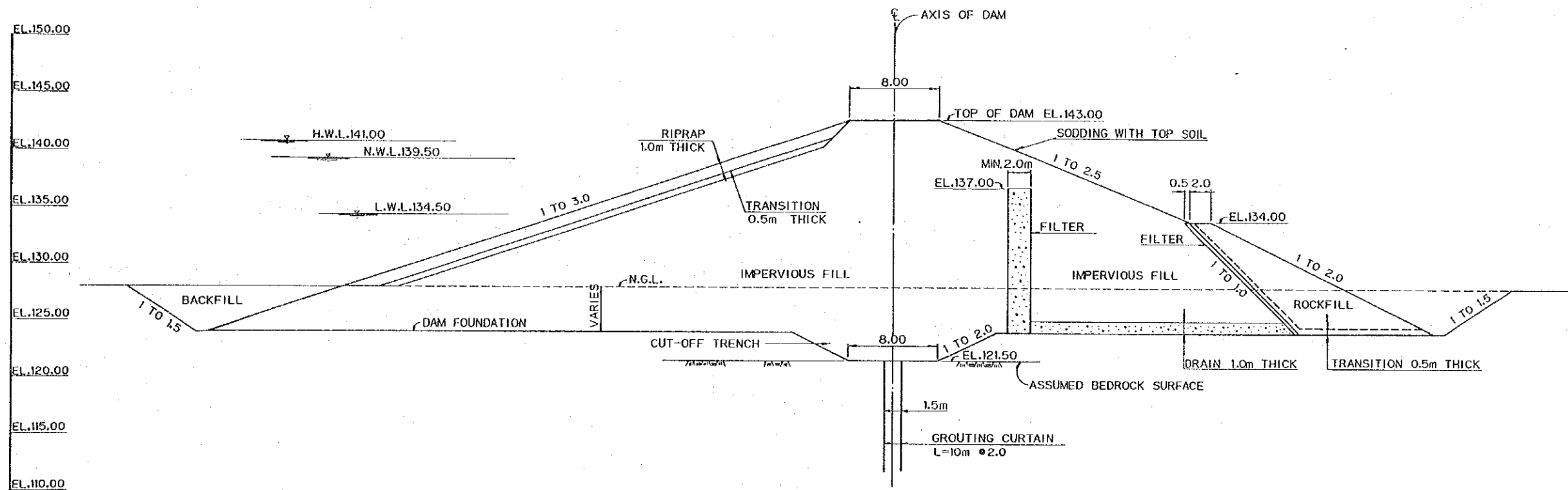
MAJOR FEATURES OF LAM DOM YAI RESERVOIR

ITEM	DESCRIPTION
(1) RESERVOIR	
a) RIVER BASIN	LAM DOM YAI
b) RIVER NAME	LAM DOM YAI
c) WATERSHED AREA (km ²)	1,245
d) TOTAL STORAGE (MCM)	117
e) EFFECTIVE STORAGE	105
f) H. W. L. (MSL)	141.0
g) N. W. L. (MSL)	139.5
h) L. W. L. (MSL)	134.4
(2) FOUNDATION	SAND STONE SILT STONE
(3) DAM-BODY	
a) DAM TYPE	HOMOGENEOUS FILL DAM
b) DAM CREST EL (MSL)	143.0
c) DAM HEIGHT (m)	21.5
d) CREST LENGTH (m)	2,000
e) EMBANKMENT (m ²)	900,000
f) FOUNDATION TREATMENT	CURTAIN GROUT
(4) SPILLWAY	
a) DESIGN FLOOD (cms)	1,087
b) SPILLWAY CAPACITY (cms)	641
c) SPILLWAY TYPE	CHUTE
d) CREST LENGTH (m)	170
(5) OUTLET	
a) CAPACITY (cms)	5.50
b) CONDUIT Φ (m)	1.30

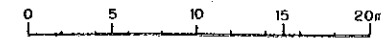
GENERAL PLAN

SCALE
0 100 200m

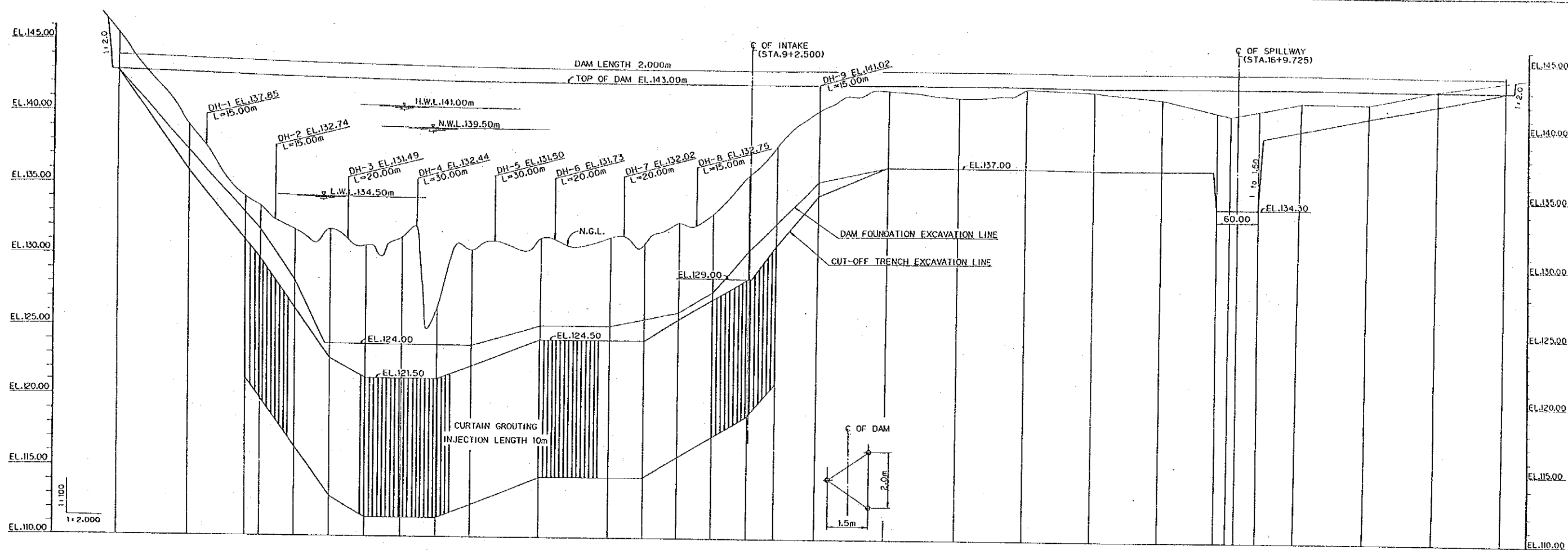
FEASIBILITY STUDY LAM DOM YAI BASIN IRRIGATION PROJECT	
GENERAL PLAN OF DAM	
DRAWING NO. 1	NOVEMBER, 1992
JAPAN INTERNATIONAL COOPERATION AGENCY	



TYPICAL CROSS SECTION



FEASIBILITY STUDY LAM DOM YAI BASIN IRRIGATION PROJECT	
TYPICAL CROSS SECTION OF DAM	
DRAWING NO. 2	NOVEMBER, 1992
JAPAN INTERNATIONAL COOPERATION AGENCY	



LONGITUDINAL SECTION ALONG DAM AXIS

GROUTING TYPE

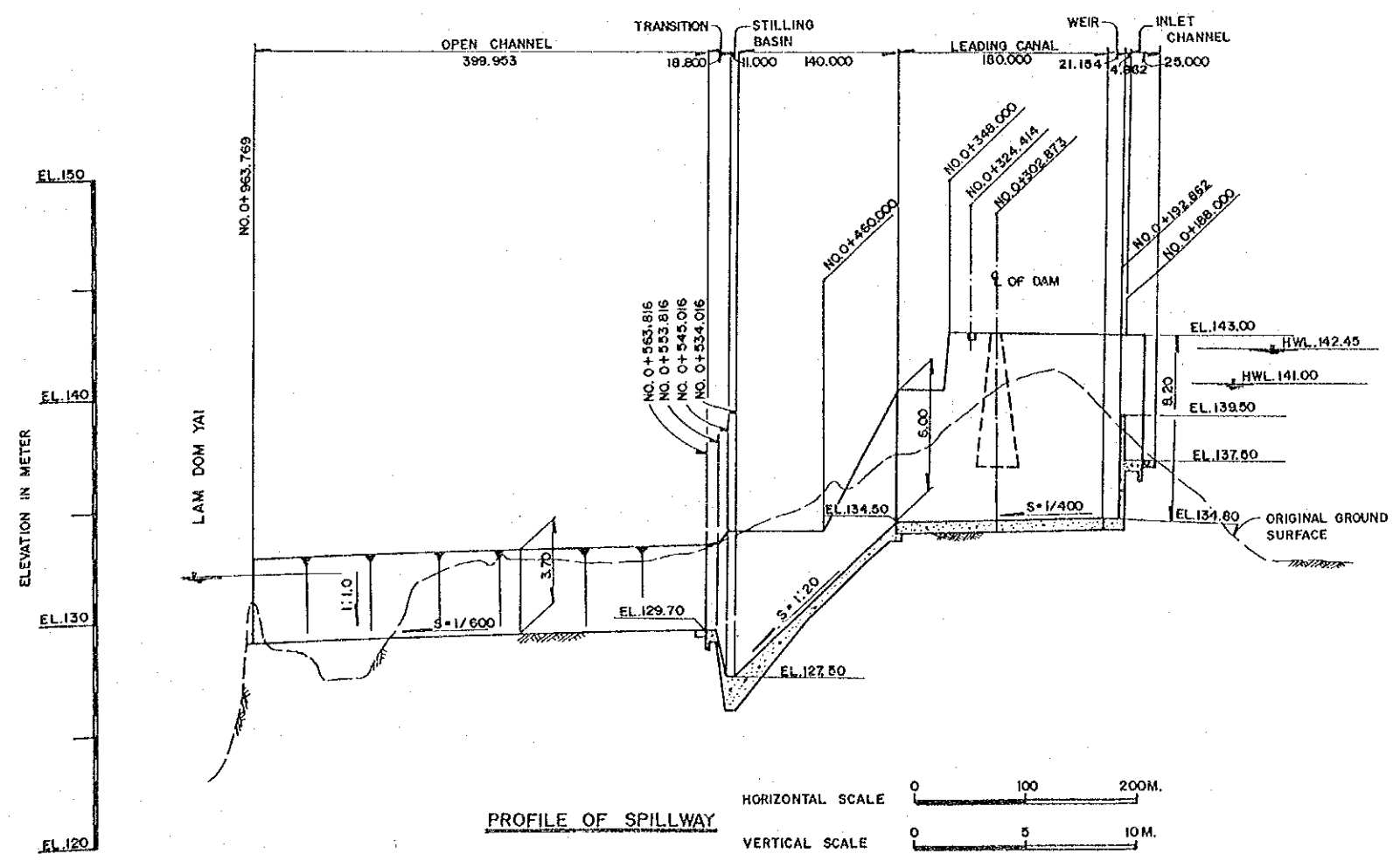
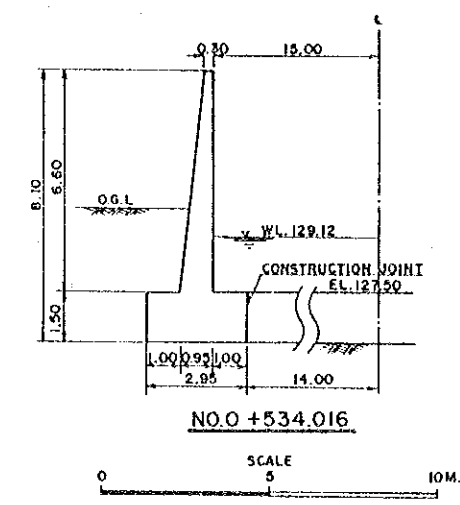
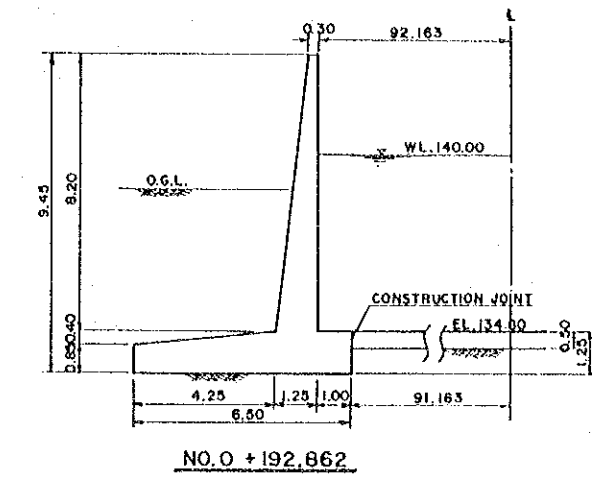
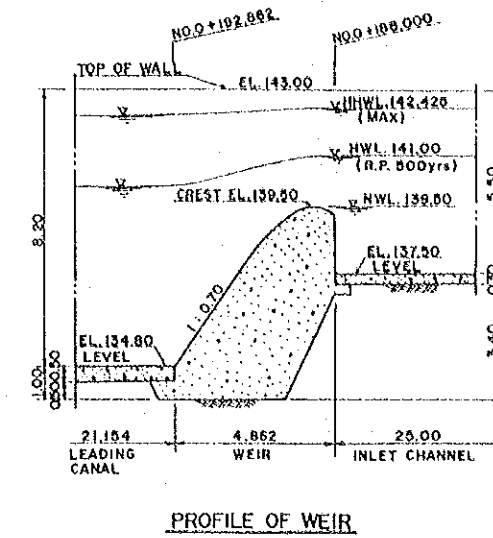
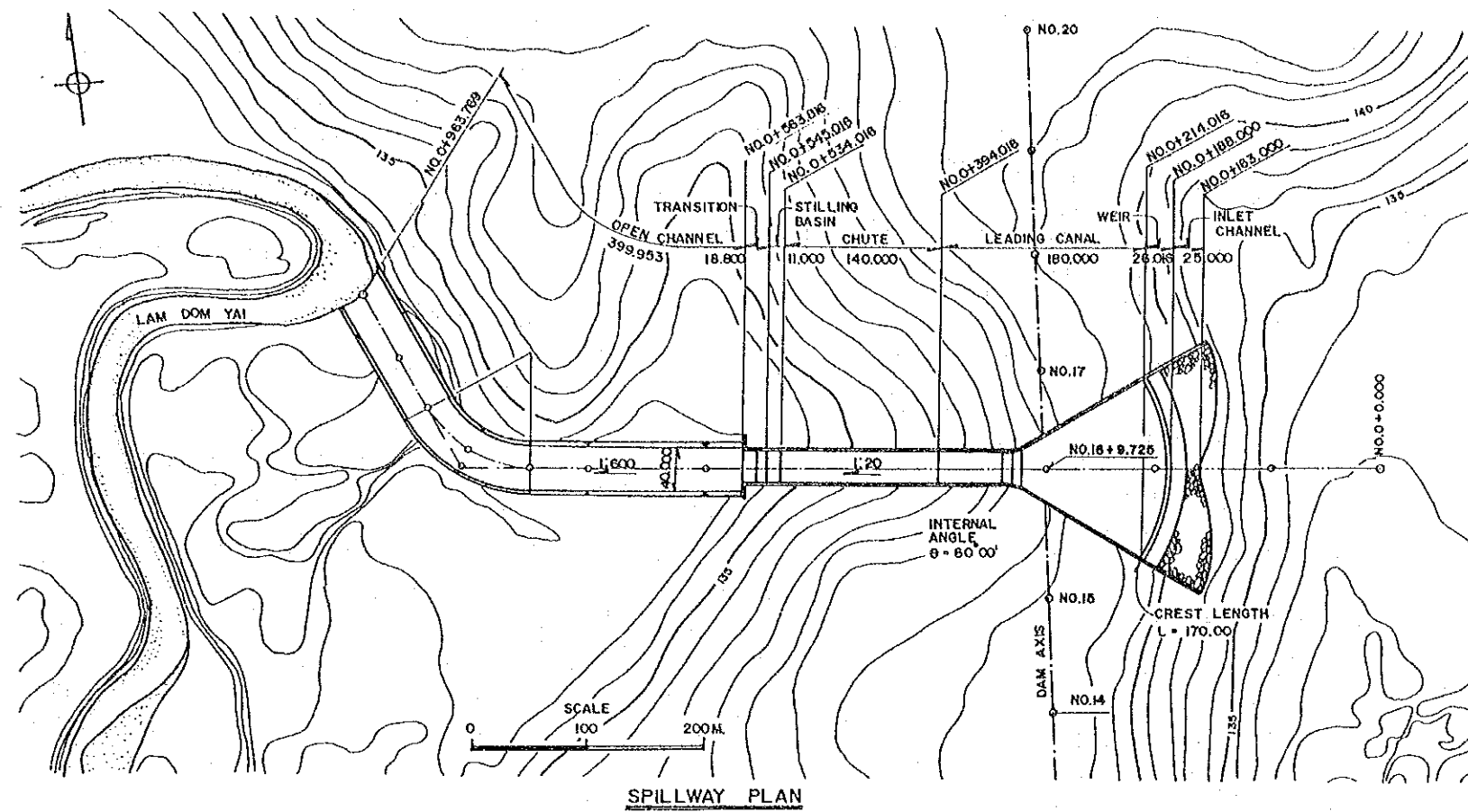
STATION	0+00.0	1+00.0	2+00.0	3+00.0	4+00.0	5+00.0	6+00.0	7+00.0	8+00.0	9+00.0	10+00.0	11+00.0	12+00.0	13+00.0	14+00.0	15+00.0	16+00.0	17+00.0	18+00.0	19+00.0	20+00.0
DISTANCE	0.00	100.00	200.00	300.00	400.00	500.00	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00	1300.00	1400.00	1500.00	1600.00	1700.00	1800.00	1900.00	2000.00
ACCUMULATED DISTANCE	0.00	100.00	200.00	300.00	400.00	500.00	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00	1300.00	1400.00	1500.00	1600.00	1700.00	1800.00	1900.00	2000.00
NATURAL GROUND LEVEL	145.54	138.19	134.24	133.74	132.10	132.20	131.82	131.86	131.40	132.94	133.60	136.41	138.56	141.02	142.75	142.79	142.20	142.70	142.00	143.10	143.75
DAM FOUNDATION	143.00	137.50	133.20	132.00	128.50	124.00	125.50	125.50	126.00	126.50	128.00	131.00	133.00	135.00	137.00	137.00	137.00	140.00	141.00	142.00	143.00
CUT-OFF TRENCH	143.00	136.00	131.25	130.00	126.45	121.50	122.50	124.50	124.50	125.00	127.50	125.00	131.40	133.00	137.00	137.00	137.00	140.00	141.00	142.00	143.00
GROUTING			121.25	120.00	116.45	113.00	111.50	111.50	111.50	111.50	112.50	114.50	114.50	116.50	117.50	119.00	121.40	134.30	134.30	134.30	134.30

FEASIBILITY STUDY
LAM DOM YAI BASIN IRRIGATION PROJECT

PROFILE OF DAM

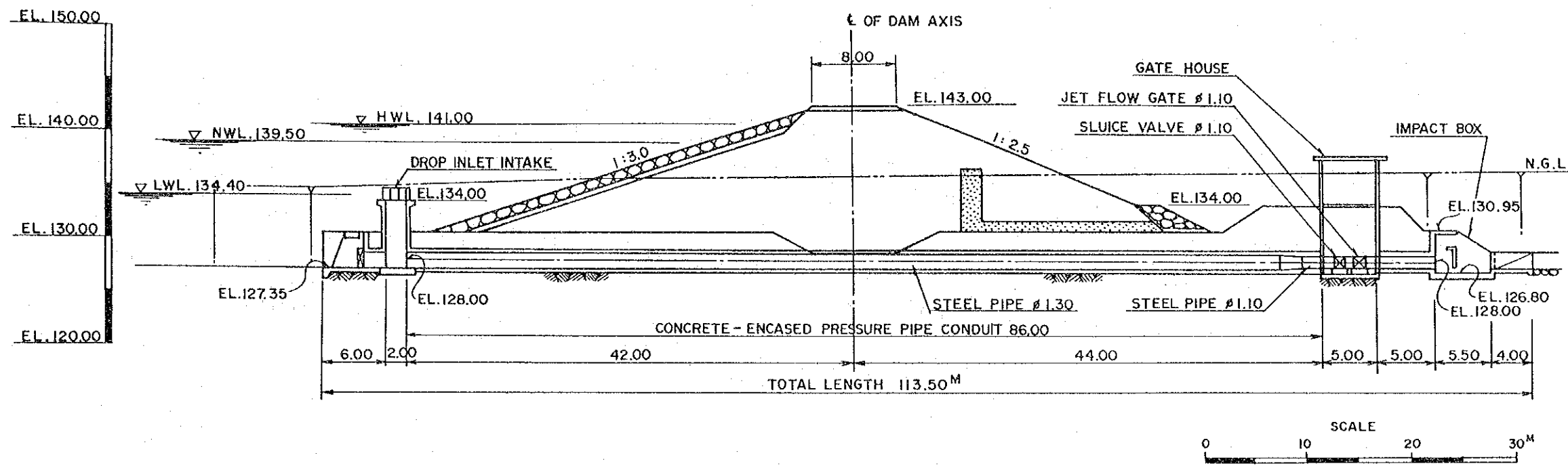
DRAWING NO. 3	NOVEMBER, 1992
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JAPAN INTERNATIONAL COOPERATION AGENCY



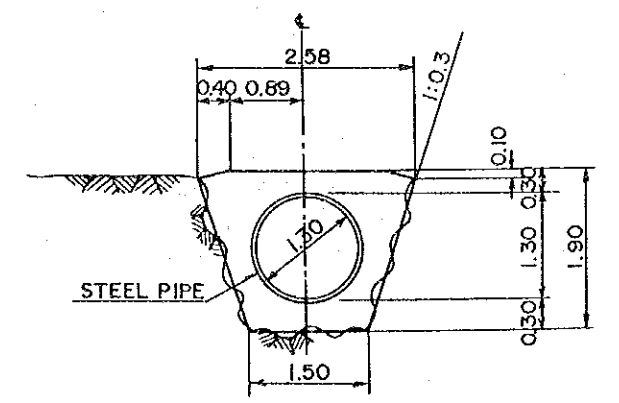
NOTE
1. ALL DIMENSIONS ARE SHOWN IN METER.

FEASIBILITY STUDY LAM DOM YAI BASIN IRRIGATION PROJECT	
PROFILE AND PLANE OF SPILLWAY	
DRAWING NO. 4	NOVEMBER, 1992
JAPAN INTERNATIONAL COOPERATION AGENCY	



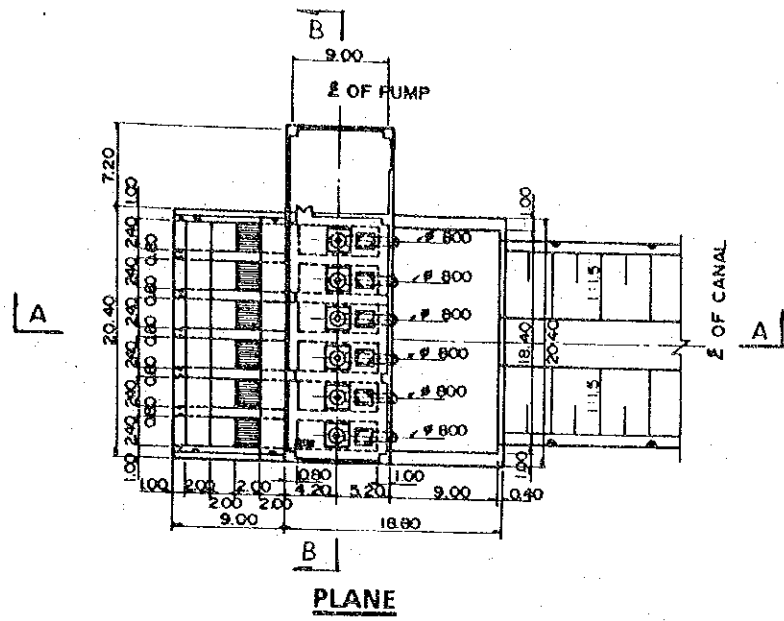
PROFILE OF OUTLET

NOTE: ALL DIMENSION ARE IN METER

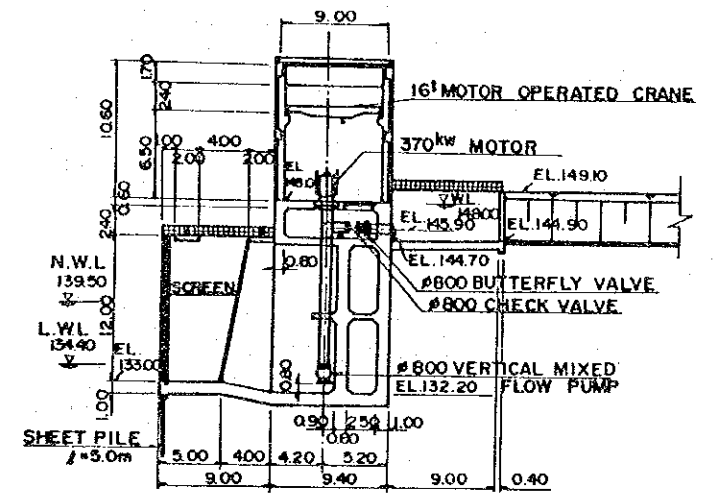


TYPICAL SECTION OF CONDUIT PIPE

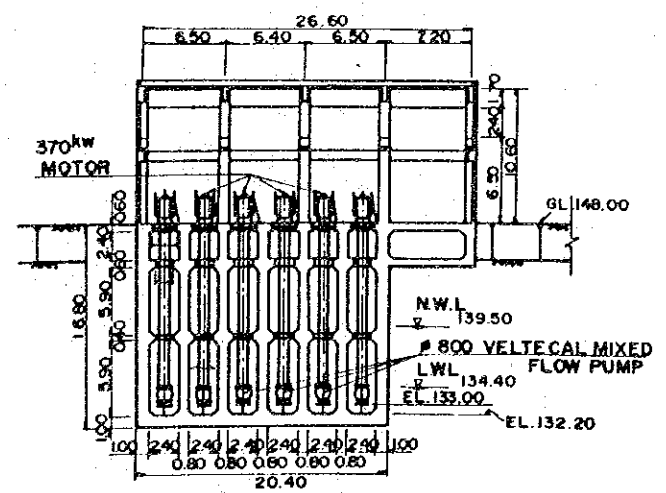
FEASIBILITY STUDY LAM DOM YAI BASIN IRRIGATION PROJECT	
PROFILE OF OUTLET	
DRAWING NO. 5	NOVEMBER, 1992
JAPAN INTERNATIONAL COOPERATION AGENCY	



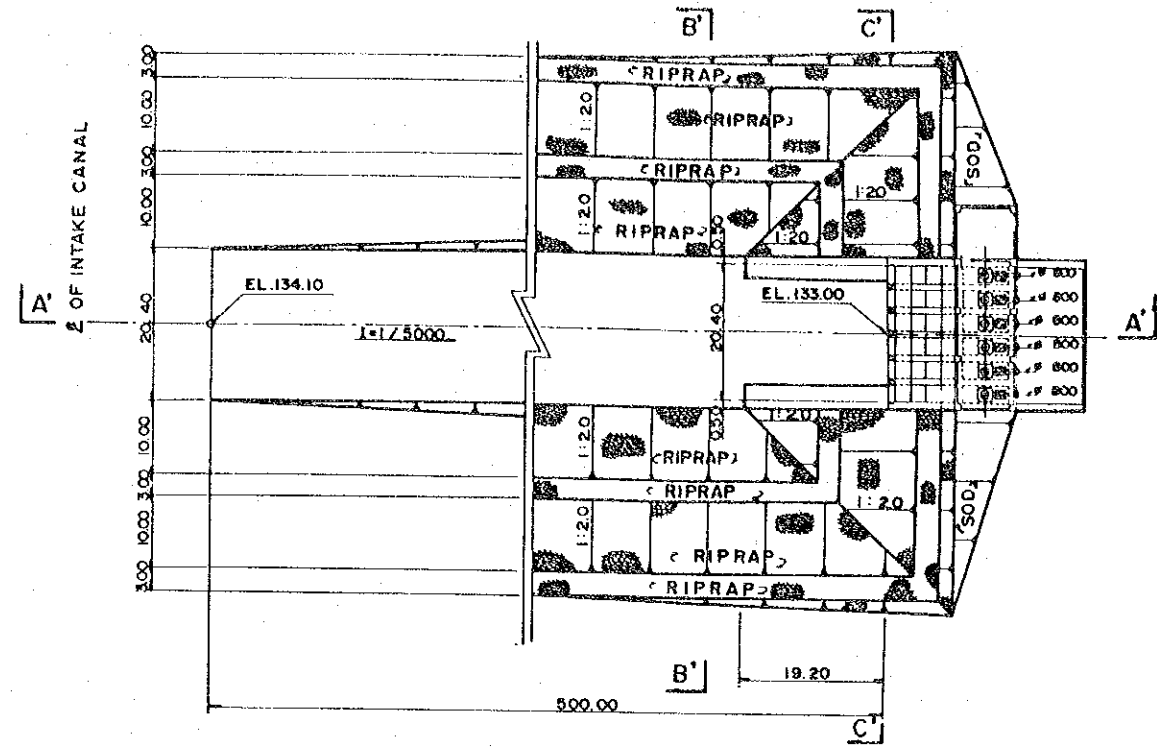
PLANE



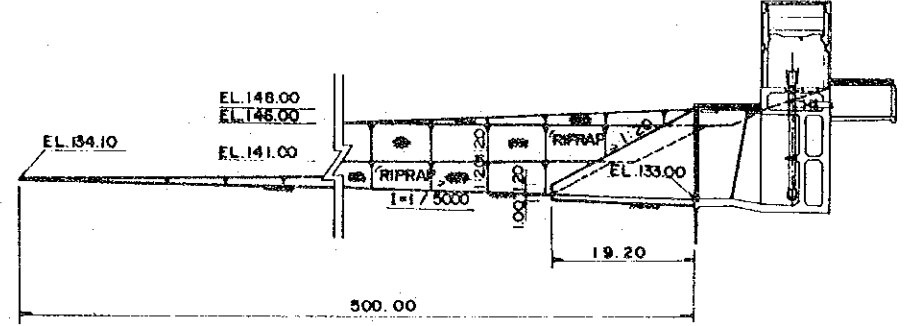
SECTION A-A



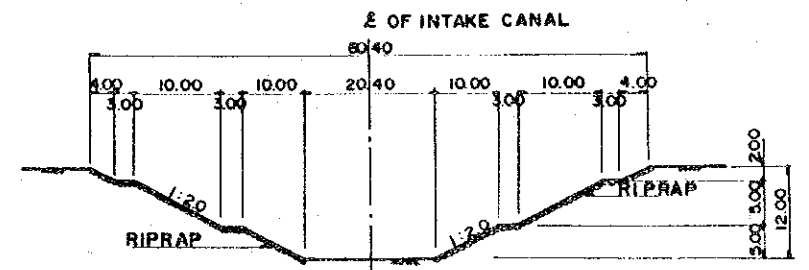
SECTION B-B



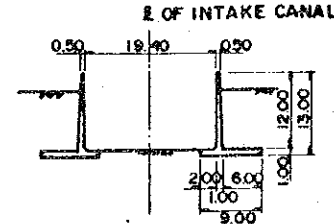
LAYOUT OF INTAKE CANAL



SECTION A'-A'



SECTION B'-B'



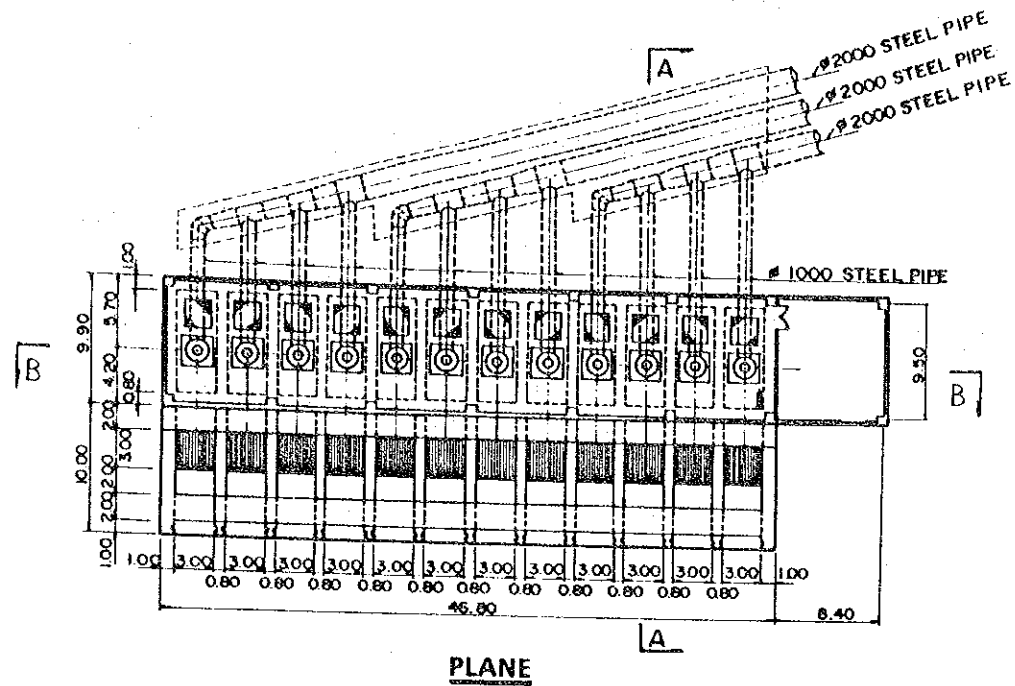
SECTION C'-C'

PUMP DIMENSION

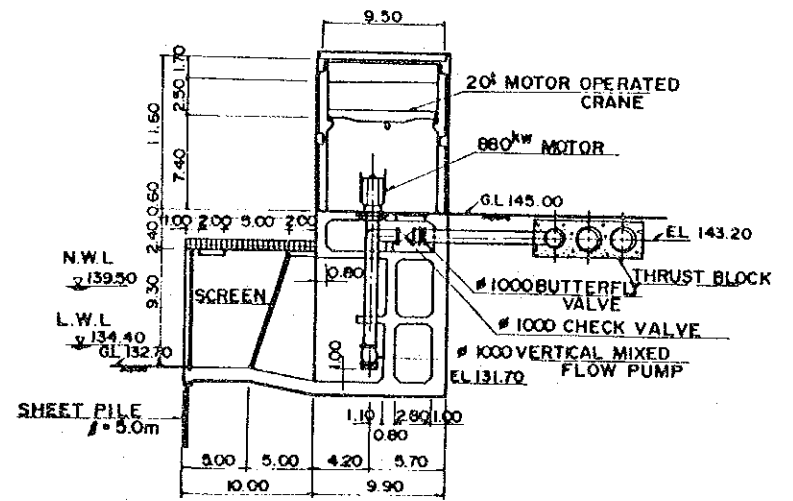
TYPE	VERTICAL MIXED FLOW
BORE	800 mm
CAPACITY	88 m ³ /min
TOTAL HEAD	16.4 m
MOTOR POWER	370 kw/h
UNIT	6

LEFT BANK PUMP STATION
NO SCALE

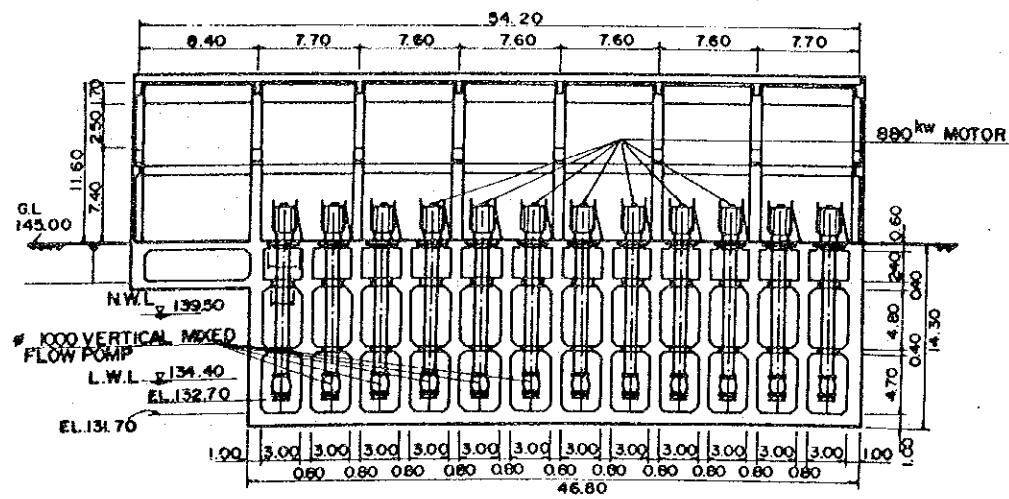
FEASIBILITY STUDY LAM DOM YAI BASIN IRRIGATION PROJECT	
LEFT BANK PUMP FACILITIES	
DRAWING NO. 6	NOVEMBER, 1992
JAPAN INTERNATIONAL COOPERATION AGENCY	



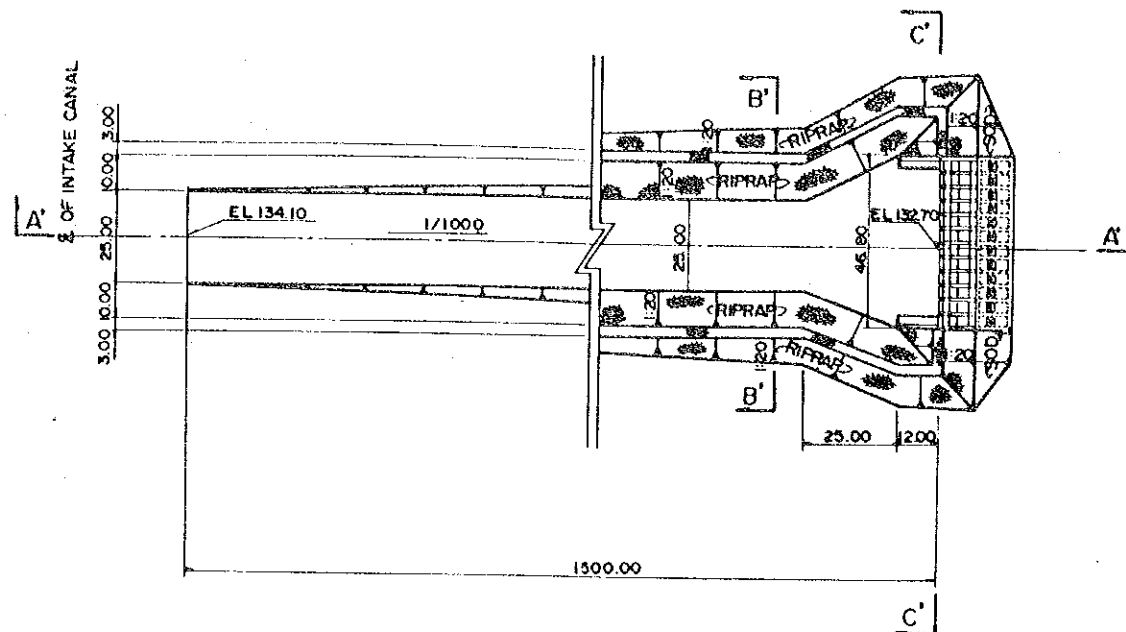
PLANE



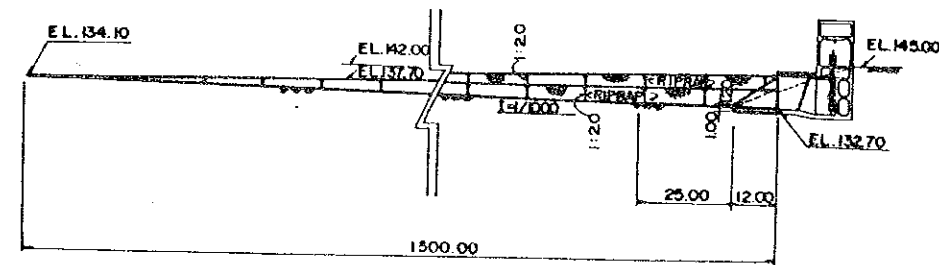
SECTION A-A



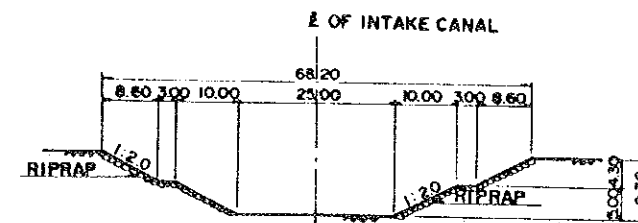
SECTION B-B



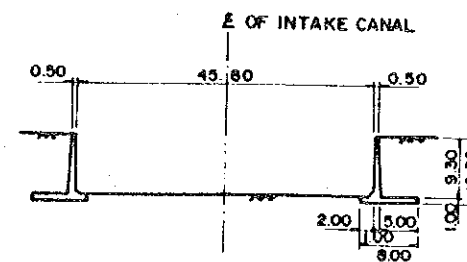
LAYOUT OF INTAKE CANAL



SECTION A'-A'



SECTION B'-B'



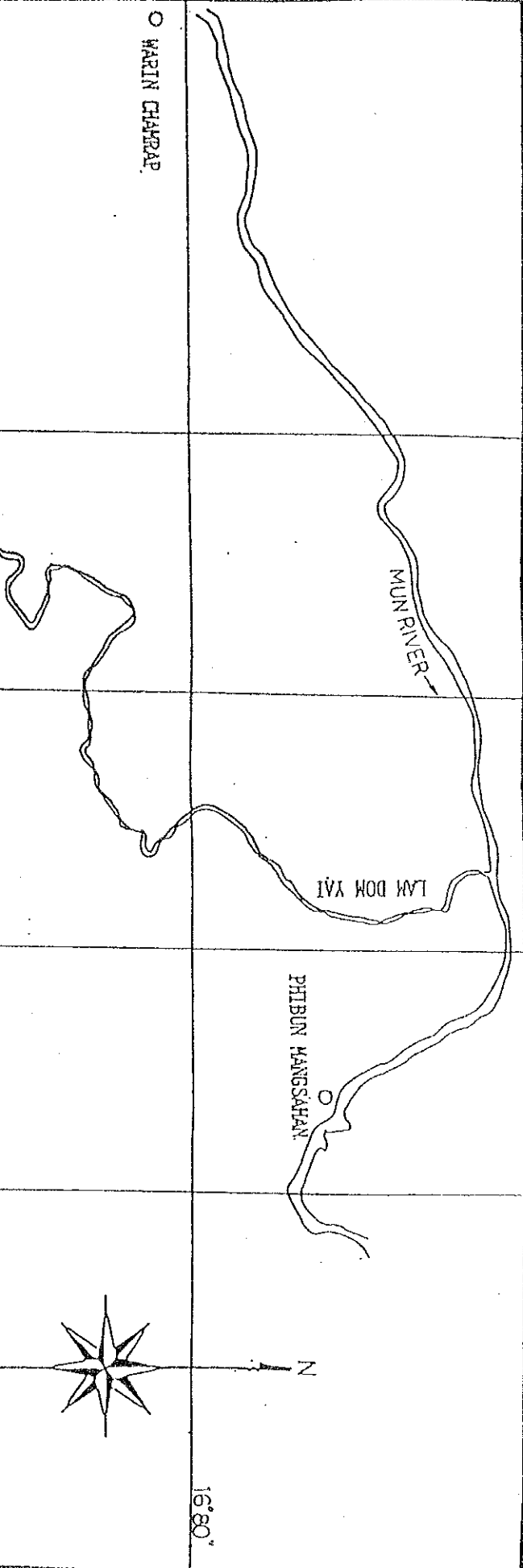
SECTION C'-C'

PUMP DIMENSION

TYPE	VERTICAL MIXED FLOW
BORE	1000 mm
CAPACITY	126 m ³ /min
TOTAL HEAD	28.4 m
MOTOR POWER	880 kw/h
UNIT	12

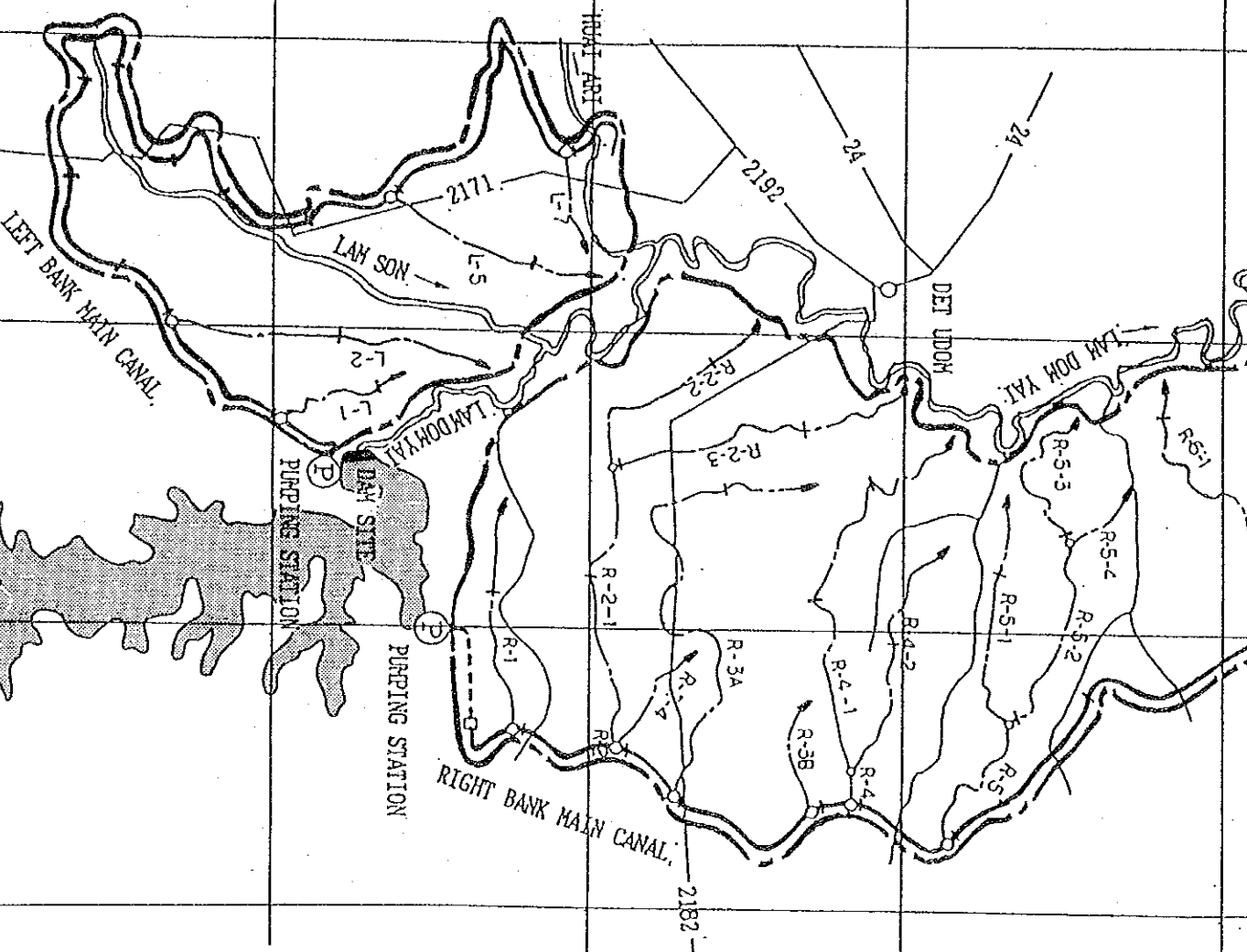
RIGHT BANK PUMP STATION
NO SCALE

FEASIBILITY STUDY LAM DOM YAI BASIN IRRIGATION PROJECT	
RIGHT BANK PUMP FACILITIES	
DRAWING NO. 7	NOVEMBER, 1992
JAPAN INTERNATIONAL COOPERATION AGENCY	



OUTLINE OF CANAL SYSTEMS.

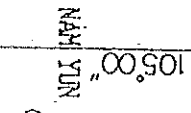
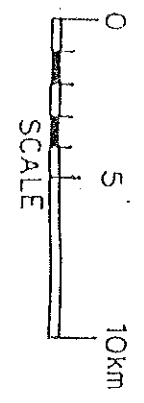
NAME	Q (CU.M/SEC)	L (KM)
MAIN	3.76~25.20	44.00
R-1	3.28	10.00
R-2	9.93	0.50
R-2-1	9.21	10.00
R-2-2	3.98	8.75
R-2-3	4.18	12.00
R-2-4	1.01	5.00
R-3A	3.62	20.50
R-3B	1.05	5.00
R-4	8.24	0.50
R-4-1	3.98	18.50
R-4-2	4.26	12.50
R-5	7.29	8.00
R-5-1	0.55	8.50
R-5-2	6.90	6.75
R-5-3	0.53	6.25
R-5-4	0.65	2.75
R-6	5.64	3.00
R-6-1	2.31	8.95
R-6-2	2.29	8.75
MAIN	0.99~8.80	67.40
L-1	1.34	6.00
L-2	3.72	12.90
L-5	2.90	9.20
L-7	2.08	4.10



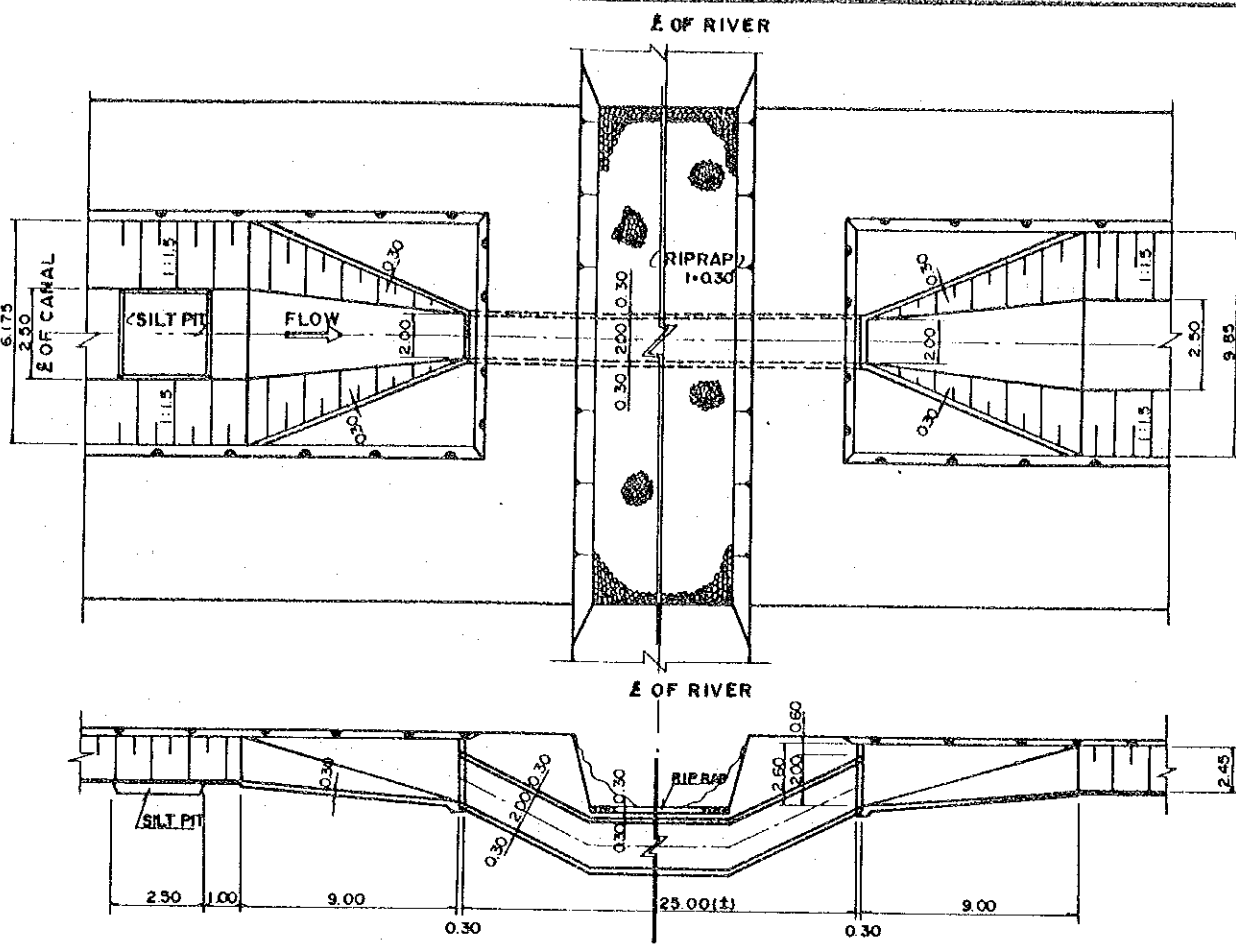
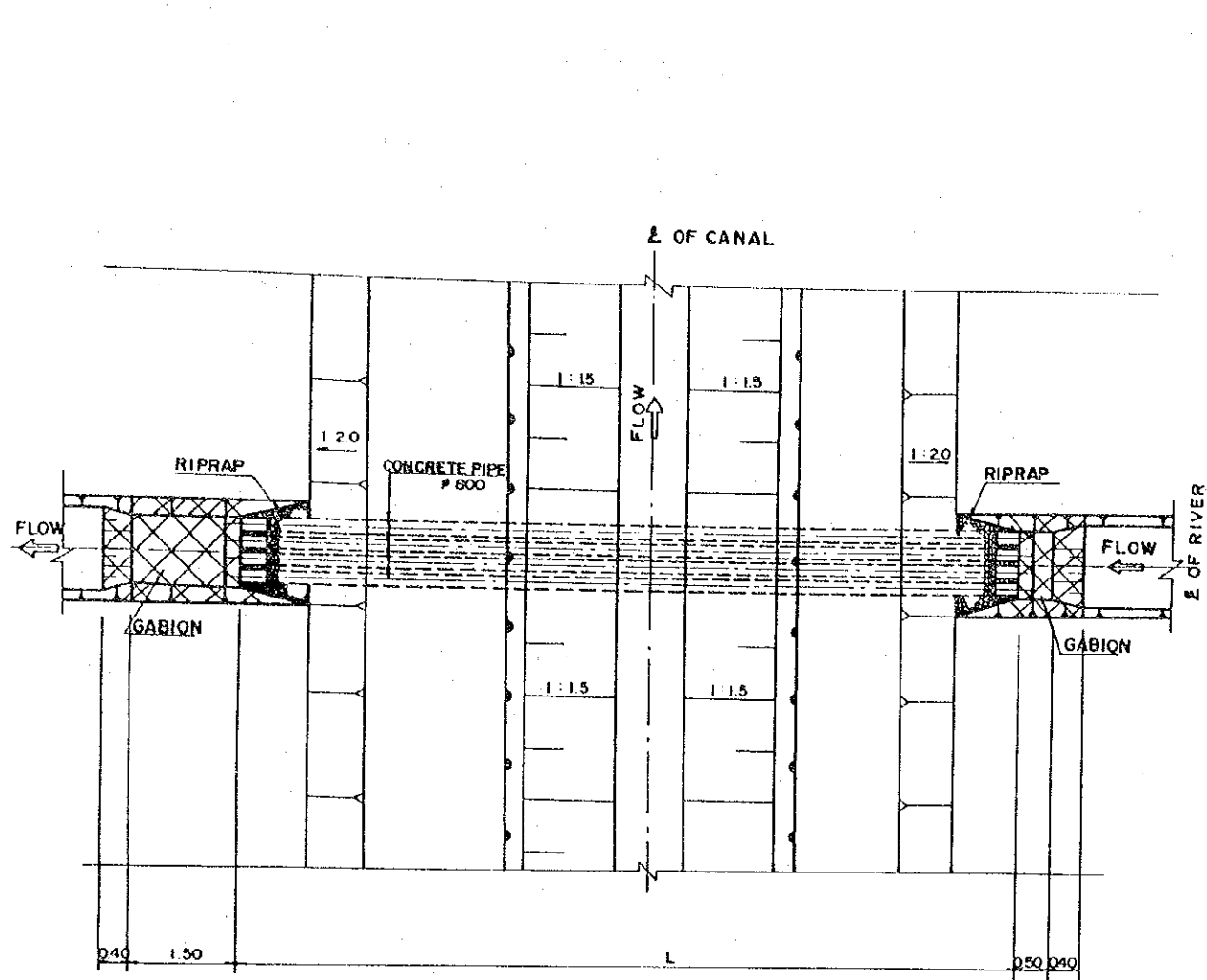
LEGEND

	BASIN BOUNDARY
	MAIN CANAL
	LATERAL CANAL
	PIPE LINE(L=4.0km)
	PUMPING STATION
	CHECK OVERT
	HEAD REGULATOR
	DAY
	ROADS
	RIVERS

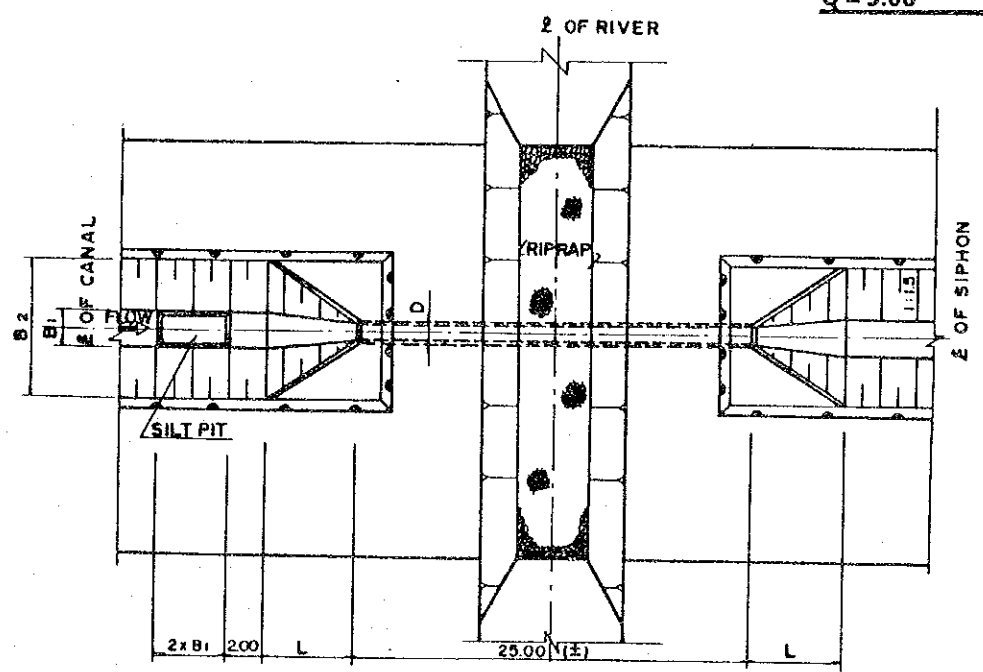
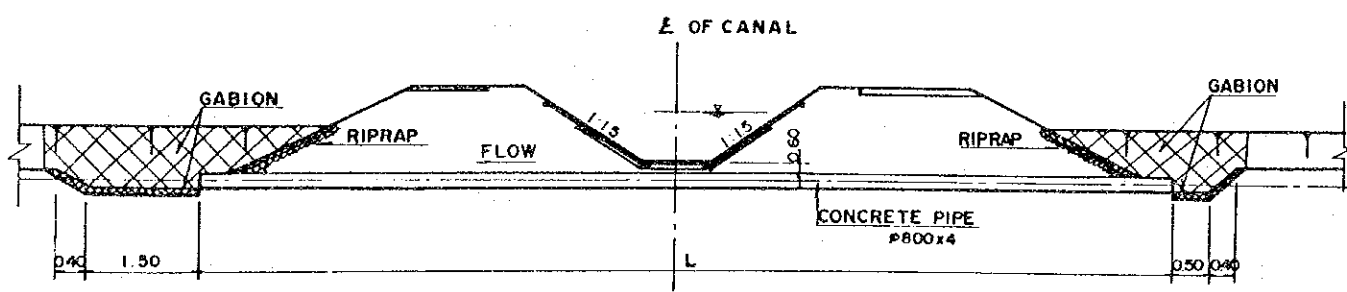
LOCATION MAP OF CANAL SYSTEMS



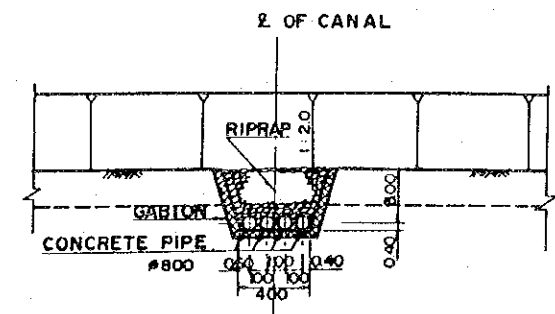
FEASIBILITY STUDY
 LAM DOM YAI BASIN IRRIGATION PROJECT
 LOCATION MAP OF CANAL SYSTEMS
 DRAWING NO. 8 NOVEMBER, 1992
 JAPAN INTERNATIONAL COOPERATION AGENCY



$Q = 5.00 \text{ m}^3/\text{sec} \sim 10.0 \text{ m}^3/\text{sec}$



$Q = 1.0 \text{ m}^3/\text{sec} \sim 5.0 \text{ m}^3/\text{sec}$



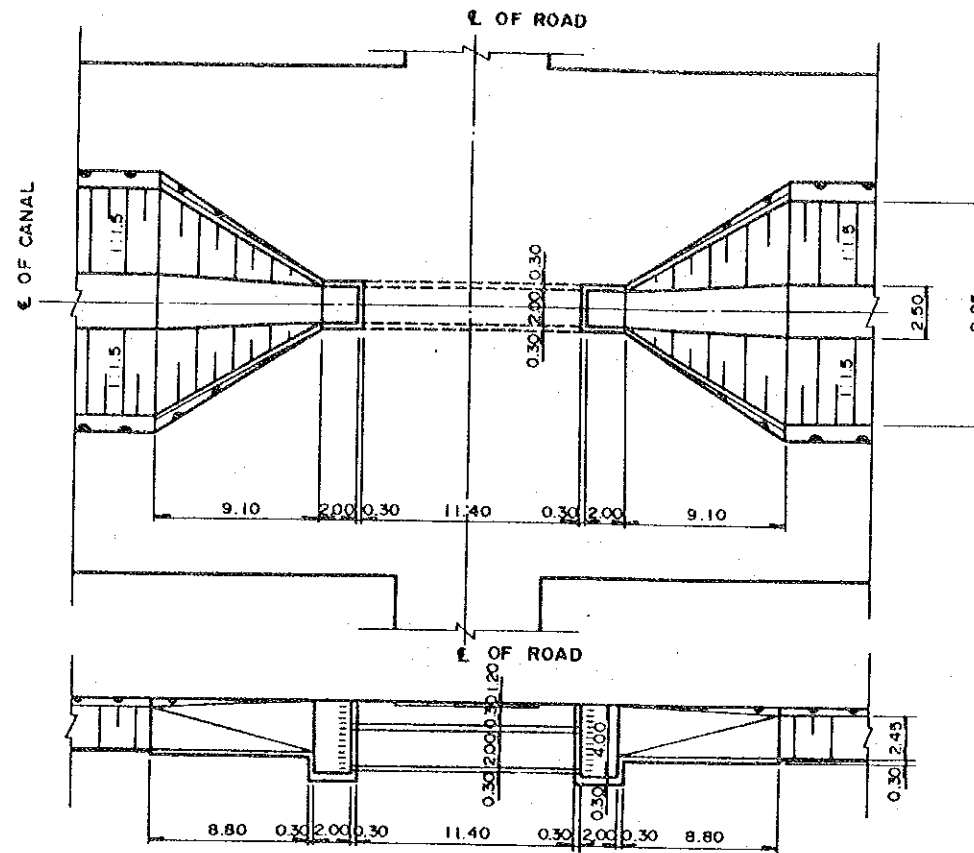
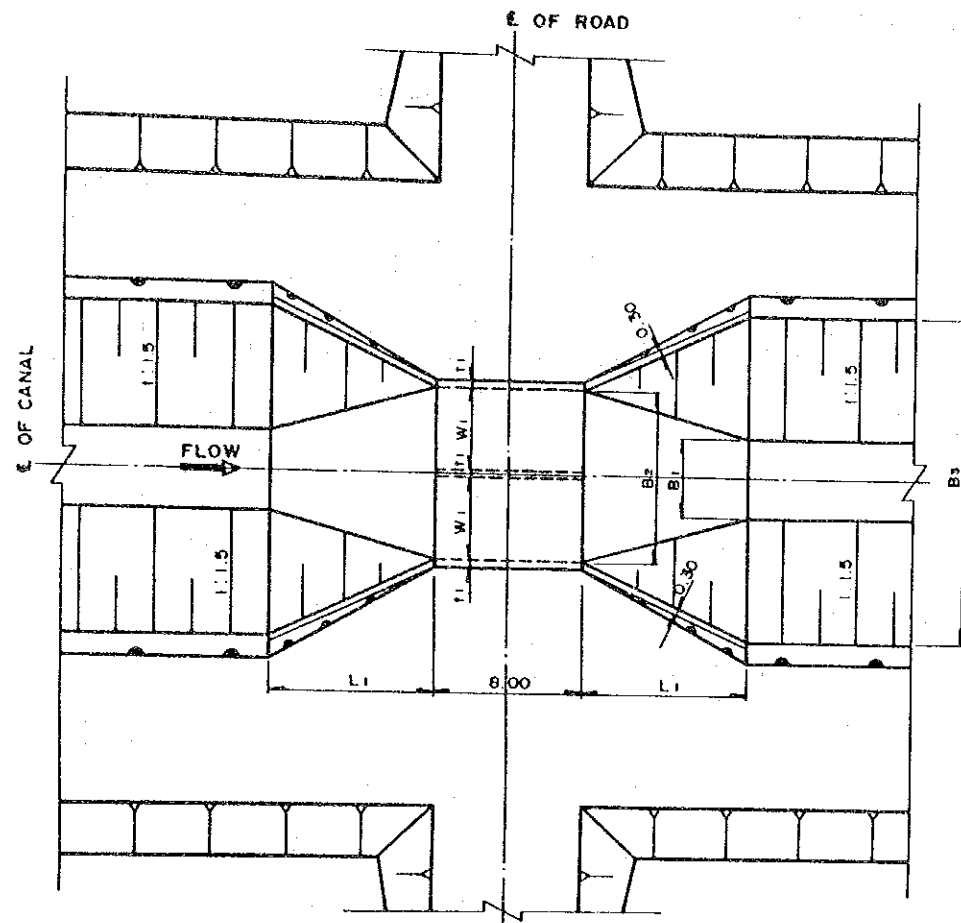
CANAL DISCHARGE m^3/sec	L (m)
10.00 ~ 15.00	47.00
15.00 ~ 20.00	50.00
20.00 ~ 25.00	52.00
25.00 ~ 30.00	53.00
30.00 ~ 35.00	55.00

$Q = 10.0 \text{ m}^3/\text{sec} \sim 35.0 \text{ m}^3/\text{sec}$

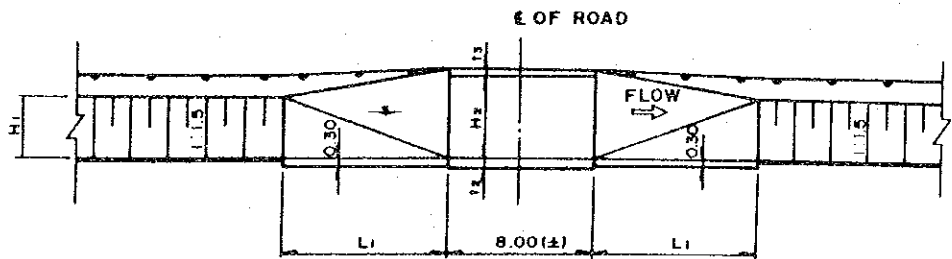
Q (m^3/sec)	L (m)	D (m)	B ₁ (m)	B ₂ (m)	H ₁ (m)	H ₂ (m)
0.00 ~ 1.00	8.00	0.80	2.00	7.55	1.85	1.85
1.00 ~ 2.00	8.00	1.00	2.00	7.55	1.85	1.85
2.00 ~ 4.00	7.00	1.50	2.00	7.55	1.85	2.10
4.00 ~ 5.00	7.00	1.80	2.00	7.55	1.85	2.40

RIVER CROSSING
NO SCALE

FEASIBILITY STUDY
LAM DOM YAI BASIN IRRIGATION PROJECT
RELATED STRUCTURE
OF IRRIGATION CANAL (1/4)
DRAWING NO. 10
NOVEMBER, 1992
JAPAN INTERNATIONAL COOPERATION AGENCY

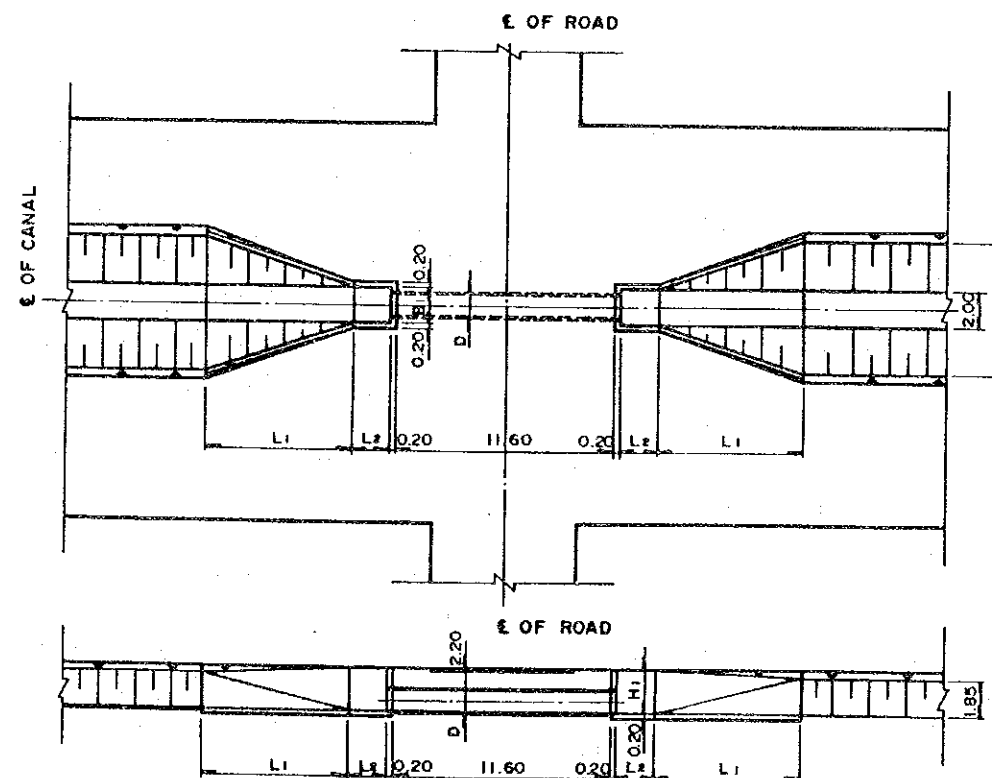


$Q = 5.0 \text{ m}^3/\text{sec} \sim 10.0 \text{ m}^3/\text{sec}$



Q (m ³ /sec)	B ₁ (m)	B ₂ (m)	B ₃ (m)	H ₁ (m)	H ₂ (m)	L ₁ (m)	W ₁ (m)	t ₁ (m)	t ₂ (m)	t ₃ (m)
10.00 ~ 15.00	3.00	4.30	11.25	2.75	3.20	11.50	2.00	0.30	0.45	0.40
15.00 ~ 20.00	3.00	5.70	12.45	3.15	3.70	11.00	2.70	0.30	0.45	0.40
20.00 ~ 25.00	3.50	7.35	13.55	3.35	3.95	10.00	3.50	0.35	0.45	0.40
25.00 ~ 30.00	4.00	8.40	14.50	3.50	4.20	10.00	4.00	0.40	0.50	0.45
30.00 ~ 35.00	4.50	9.80	15.45	3.65	5.70	9.00	4.70	0.40	0.55	0.50

$Q = 10.0 \text{ m}^3/\text{sec} \sim 35.0 \text{ m}^3/\text{sec}$



$Q = 1.0 \text{ m}^3/\text{sec} \sim 5.0 \text{ m}^3/\text{sec}$

Q (m ³ /sec)	D (m)	L ₁ (m)	L ₂ (m)	B ₁ (m)	H ₁ (m)
~1.00	0.80	8.00	1.20	1.20	2.00
1.00 ~ 2.00	1.00	8.00	1.50	1.50	2.20
2.00 ~ 4.00	1.50	7.00	2.30	2.30	2.70
4.00 ~ 5.00	1.80	7.00	2.70	2.70	3.00

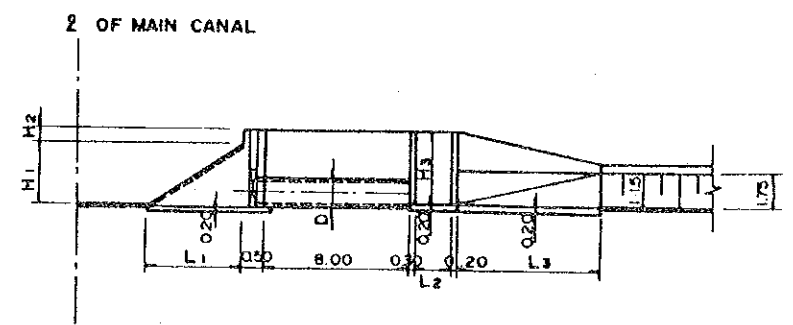
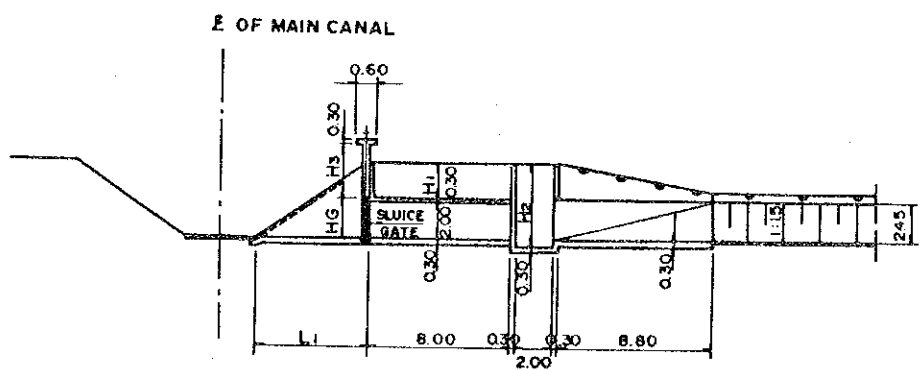
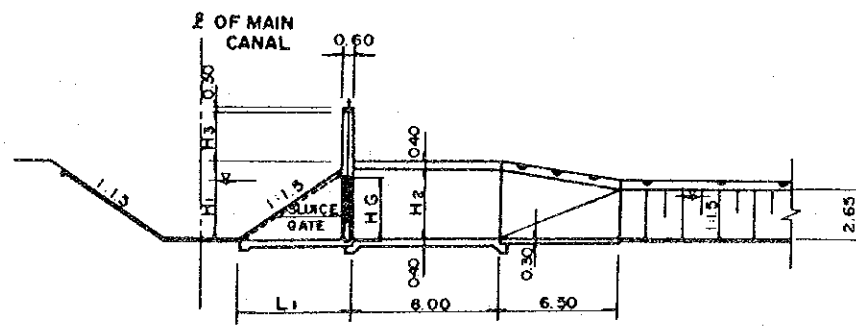
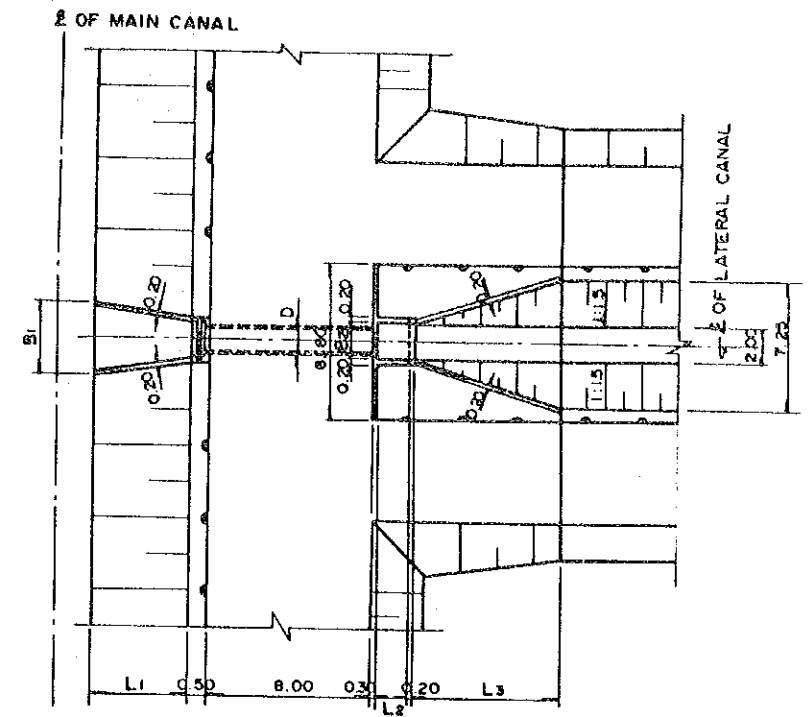
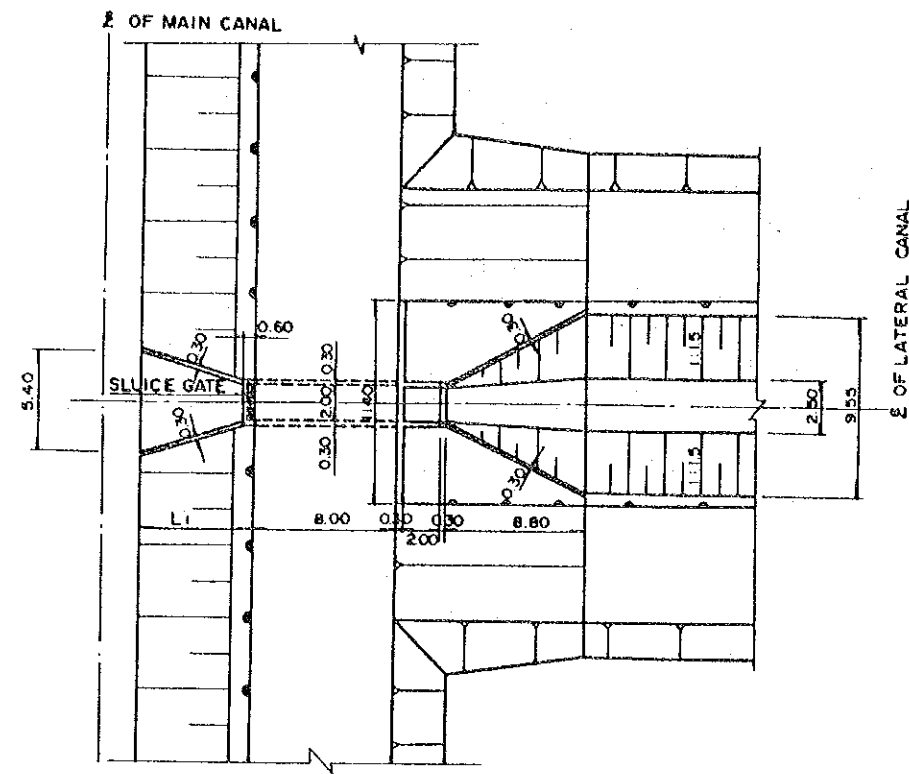
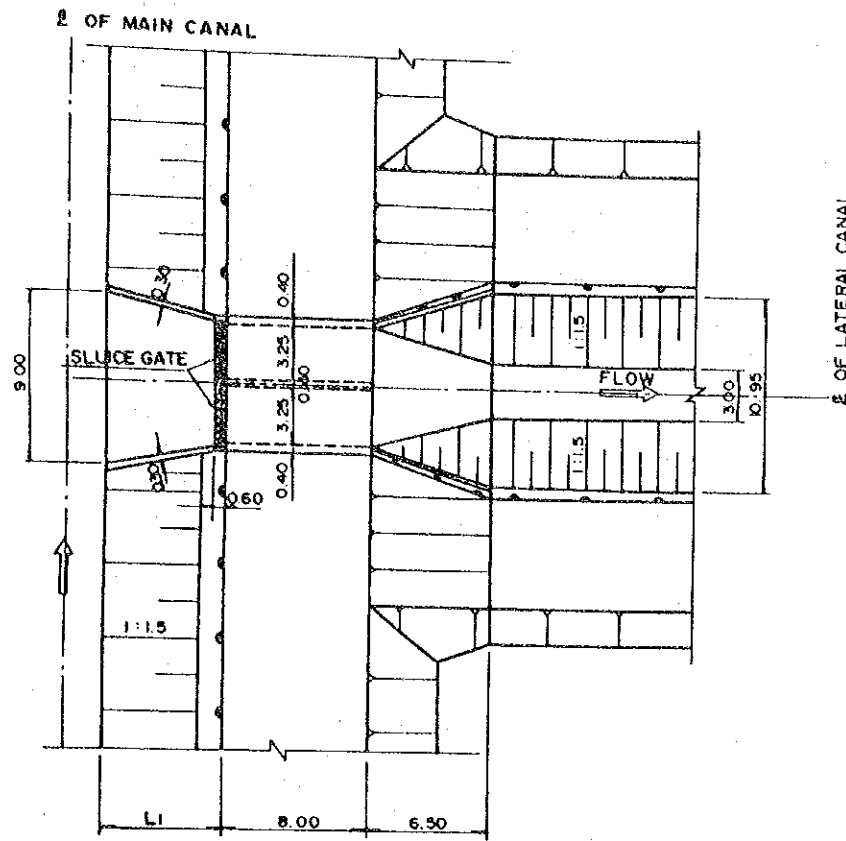
ROAD CROSSING
NO SCALE

FEASIBILITY STUDY
LAM DOM YAI BASIN IRRIGATION PROJECT

RELATED STRUCTURE
OF IRRIGATION CANAL (2/4)

DRAWING NO. 11 NOVEMBER, 1992

JAPAN INTERNATIONAL COOPERATION AGENCY



DISCHARGE OF MAIN CANAL (m ³ /sec)	H ₁ (m)	H ₂ (m)	H ₃ (m)	H _G (m)	L (m)
15.00 ~ 20.00	3.70	2.90	2.70	3.00	5.55
20.00 ~ 25.00	3.95	3.15	2.95	3.25	5.93
25.00 ~ 30.00	4.20	3.40	3.20	3.50	6.30
30.00 ~ 35.00	4.45	3.65	3.45	3.75	6.68

$Q = 10.0 \text{ m}^3/\text{sec} \sim 15.0 \text{ m}^3/\text{sec}$

DISCHARGE OF MAIN CANAL (m ³ /sec)	D (m)	L ₁ (m)	L ₂ (m)	L ₃ (m)	H ₁ (m)	H ₂ (m)	H ₃ (m)	B ₁ (m)	B ₂ (m)
~ 5.00	1.00	2.80	1.50	8.00	1.87	0.33	2.20	2.00	1.50
5.00 ~ 10.00	1.60	3.78	2.70	7.00	2.52	0.33	2.85	3.60	2.70
10.00 ~ 15.00	1.80	4.30	2.70	7.00	2.87	0.33	3.20	3.60	2.70
15.00 ~ 20.00	1.80	5.05	2.70	7.00	3.37	0.33	3.70	3.60	2.70
20.00 ~ 25.00	1.80	5.43	2.70	7.00	3.62	0.33	3.95	3.60	2.70
25.00 ~ 30.00	1.80	5.80	2.70	7.00	3.87	0.33	4.20	3.60	2.70
30.00 ~ 35.00	1.80	6.18	2.70	7.00	4.12	0.33	4.45	3.60	2.70

$Q = 5.0 \text{ m}^3/\text{sec} \sim 10.0 \text{ m}^3/\text{sec}$

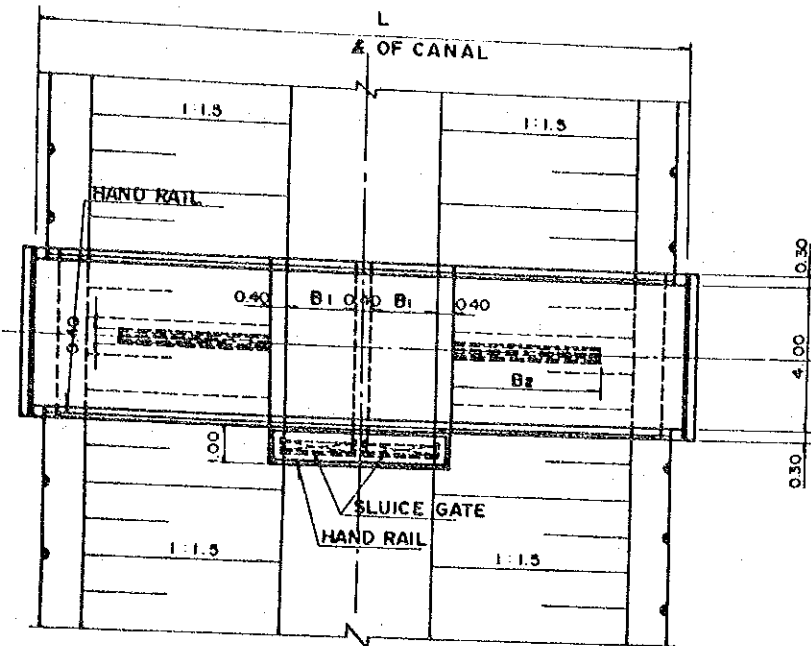
DISCHARGE OF MAIN CANAL (m ³ /sec)	H ₁ (m)	H ₂ (m)	H ₃ (m)	H _G (m)	L (m)
10.00 ~ 15.00	0.60	2.90	2.40	2.20	4.35
15.00 ~ 20.00	1.10	3.40	2.40	2.20	5.10
20.00 ~ 25.00	1.35	3.65	2.40	2.20	5.48
25.00 ~ 30.00	1.60	3.90	2.40	2.20	5.85
30.00 ~ 35.00	1.85	4.15	2.40	2.20	6.23

$Q = 1.0 \text{ m}^3/\text{sec} \sim 5.0 \text{ m}^3/\text{sec}$

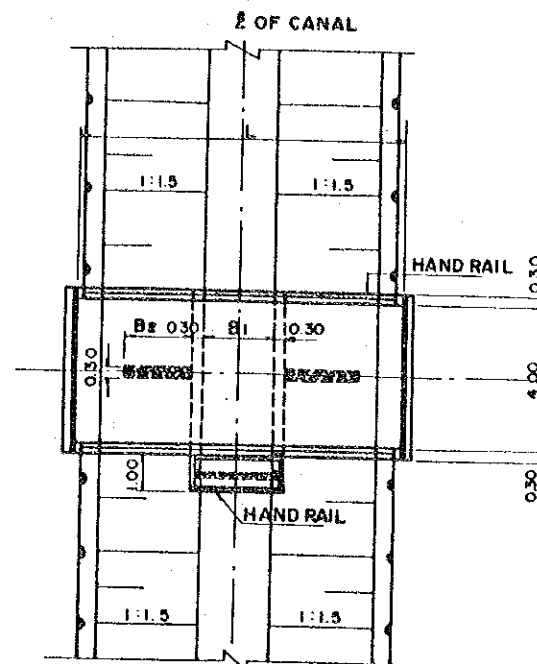
HEAD REGULATOR

NO SCALE

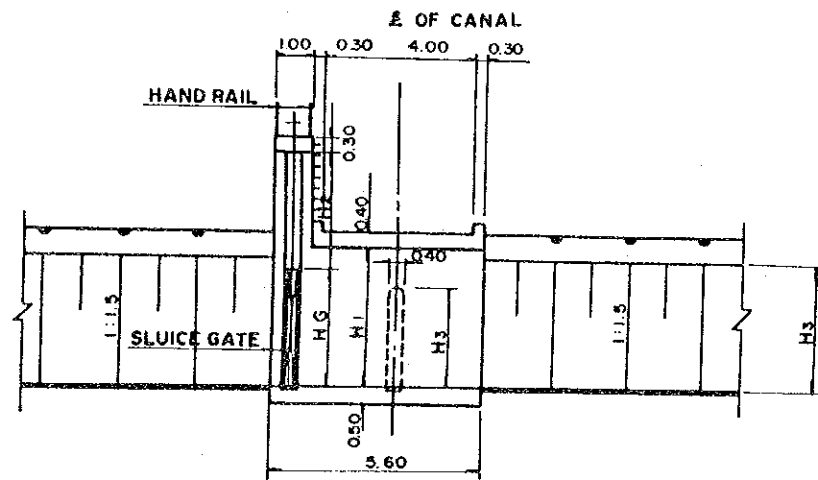
FEASIBILITY STUDY LAM DOM YAI BASIN IRRIGATION PROJECT	
RELATED STRUCTURE OF IRRIGATION CANAL (3/4)	
DRAWING NO. 12	NOVEMBER, 1992
JAPAN INTERNATIONAL COOPERATION AGENCY	



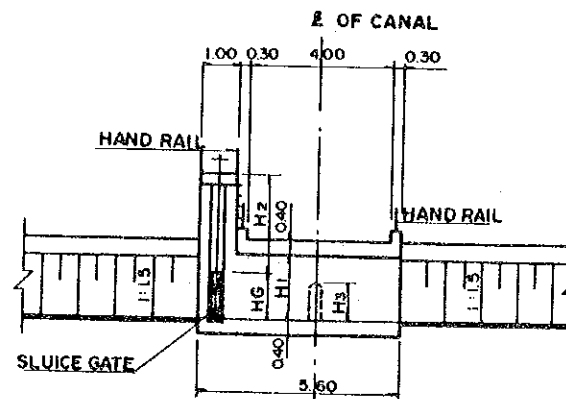
PLANE



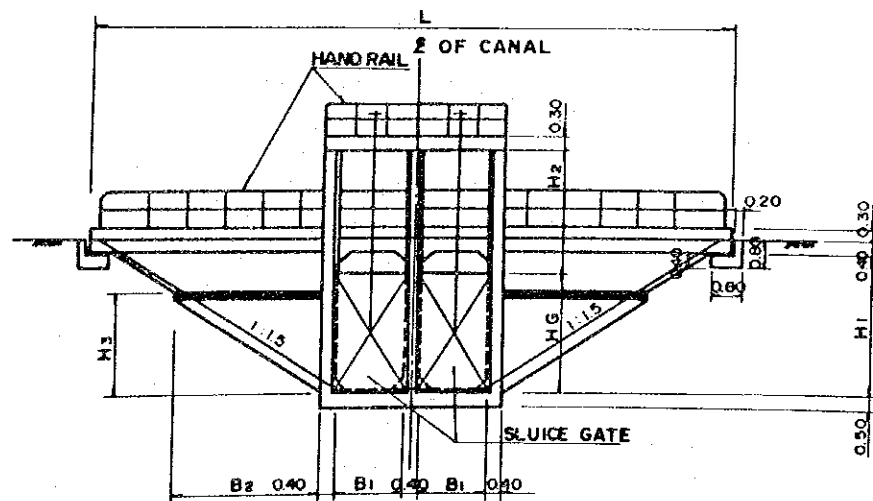
PLANE



PROFILE



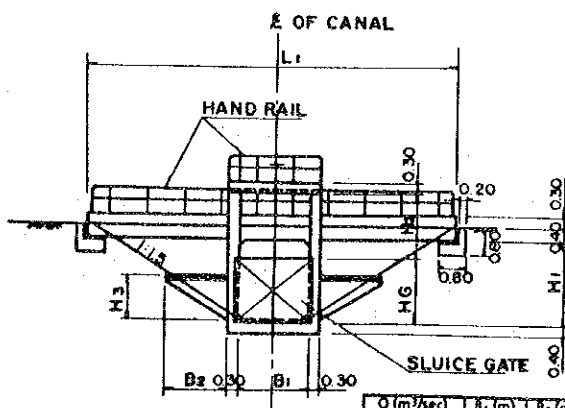
PROFILE



SECTION

Q (m ³ /sec)	B ₁ (m)	B ₂ (m)	H ₁ (m)	H ₂ (m)	H ₃ (m)	HG (m)	L (m)
10.00 ~ 15.00	1.30	2.75	2.80	2.60	1.70	2.50	13.60
15.00 ~ 20.00	1.30	3.50	3.30	3.00	2.20	2.90	15.10
20.00 ~ 25.00	1.55	3.88	3.55	3.15	2.45	3.05	16.35
25.00 ~ 30.00	1.80	4.25	3.80	3.30	2.70	3.20	17.60
30.00 ~ 35.00	2.05	4.63	4.05	3.45	2.95	3.35	18.85

Q = 10.0 m³/sec ~ 35.0 m³/sec



SECTION

Q (m ³ /sec)	B ₁ (m)	B ₂ (m)	H ₁ (m)	H ₂ (m)	H ₃ (m)	HG (m)	L (m)
1.00 ~ 5.00	2.00	0.70	1.80	1.80	1.25	1.70	9.00
5.00 ~ 10.00	2.50	1.35	2.45	2.30	1.70	2.20	11.45

Q = 1.0 m³/sec ~ 10.0 m³/sec

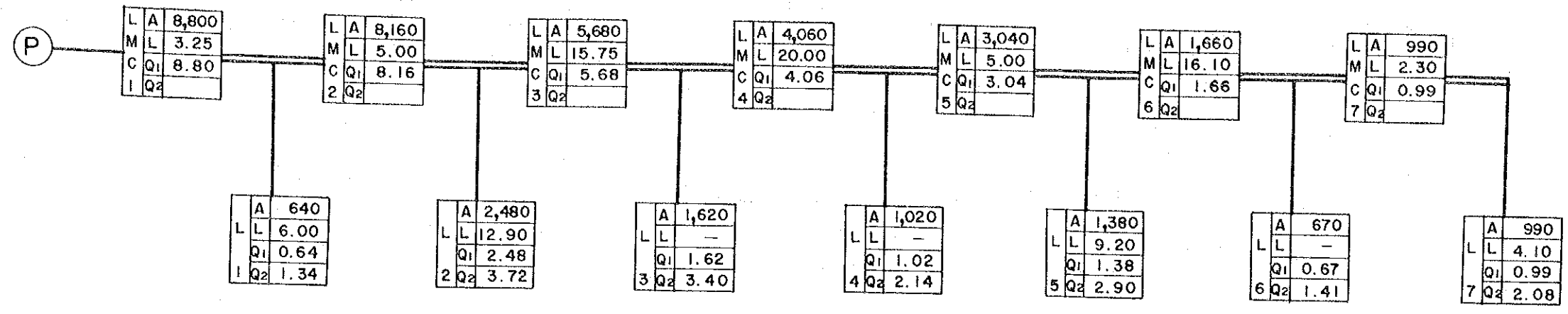
CHECK CULVERT
NO SCALE

FEASIBILITY STUDY
LAM DOM YAI BASIN IRRIGATION PROJECT

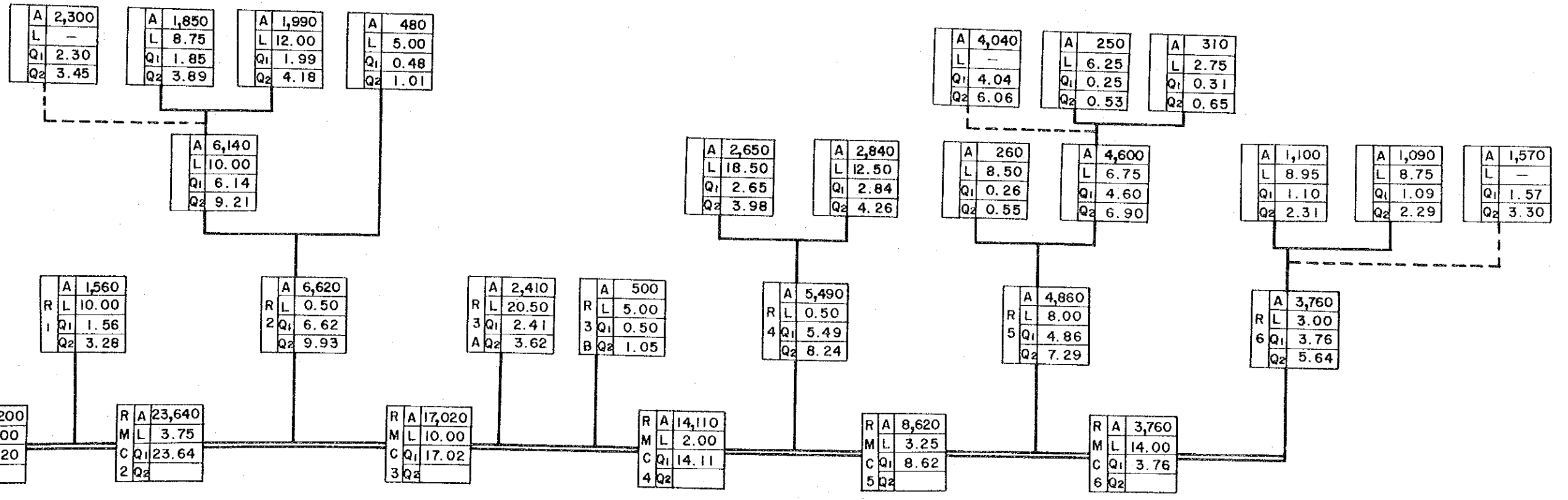
RELATED STRUCTURE
OF IRRIGATION CANAL (4/4)

DRAWING NO. 13 | NOVEMBER, 1992

JAPAN INTERNATIONAL COOPERATION AGENCY



LEFT BANK AREA



RIGHT BANK AREA

LEGEND

A	AREA	ha
L	CANAL LENGTH	km
Q1	DESIGNED DISCHARGE OF MAIN CANAL	cu. m/s
Q2	DESIGNED DISCHARGE OF LATERAL CANAL	cu. m/s

MAIN CANAL ==
LATERAL CANAL —

FEASIBILITY STUDY
LAM DOM YAI BASIN IRRIGATION PROJECT

DIAGRAM OF PROPOSED
IRRIGATION SYSTEM

DRAWING NO. 15 NOVEMBER, 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

JICA