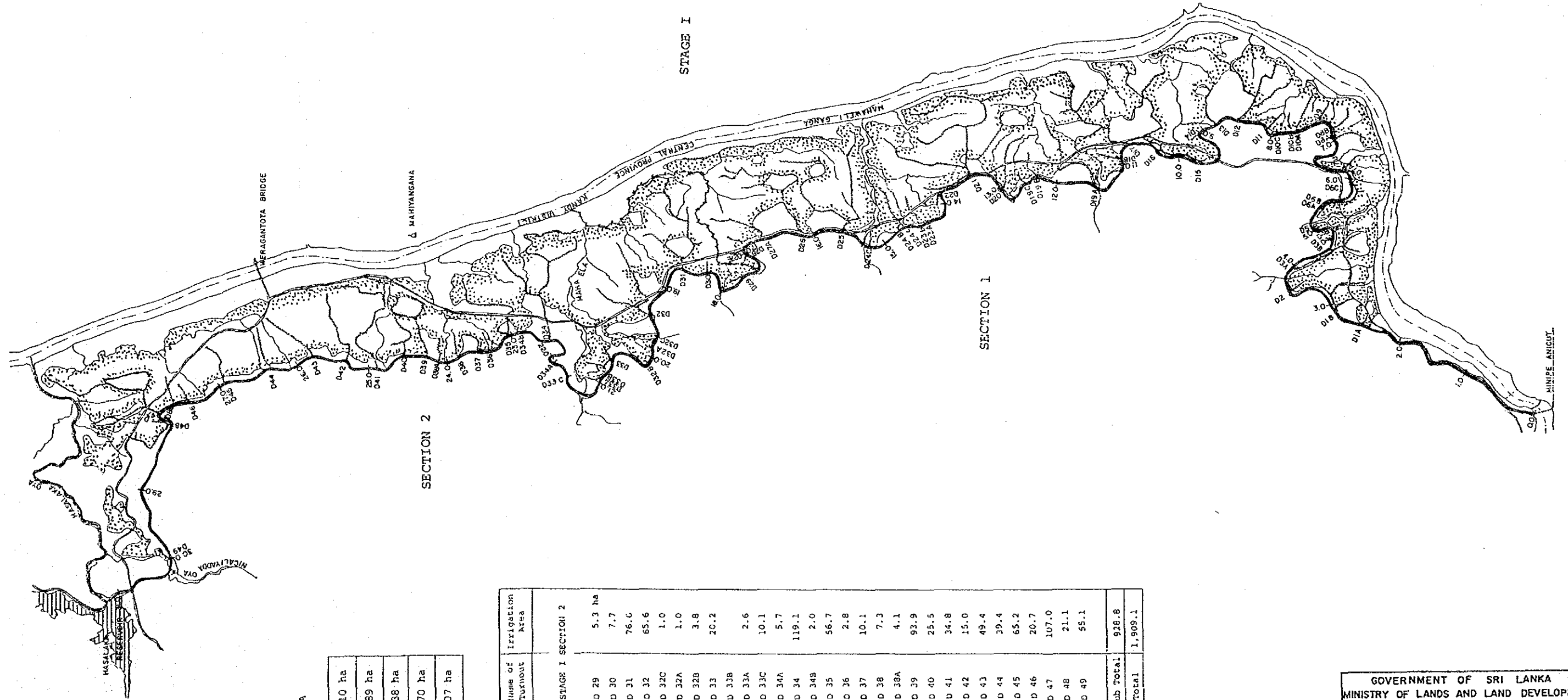
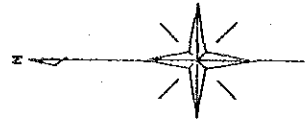


DRAWINGS

(MINIPE SCHEME)

LIST OF DRAWINGS

<u>D.W.G. No.</u>	<u>Title</u>
01 - 1/3	Existing Irrigation System - Stage I -
01 - 2/3	Existing Irrigation System - Stage II -
01 - 3/3	Existing Irrigation System - Stage III & IV -
02 - 1/8	
↓	Longitudinal Section of Main Canal
02 - 8/8	
03	Flow Measuring Device
04	Gated Regulator
05	Turnout
06	Spill cum Causeway with Wasteway
07	Drainage Undercrossing
08	Foot Bridge
09	Bathing & Washing Place
10	Heen Ganga Intake Facilities



IRRIGATION AREA

STAGE I	1,910 ha
STAGE II	1,789 ha
STAGE III	1,738 ha
STAGE IV	670 ha
TOTAL	6,107 ha

Name of Irrigation Turnout Area	Name of Irrigation Turnout Area	Area (ha)
STAGE I SECTION I	STAGE I SECTION 2	
D 1A	D 29	5.3 ha
D 1B	D 30	7.7
D 2	D 31	76.6
D 3A	D 32	65.6
D 3	D 32C	1.0
D 4A	D 32A	1.0
D 4B	D 32B	3.8
D 5	D 33	20.2
D 6A	D 33B	2.6
D 6B	D 33A	10.1
D 6C	D 34A	5.7
D 7A	D 34	119.1
D 7B	D 34B	2.0
D 8A	D 35	56.7
D 8B	D 36	2.8
D 9	D 37	10.1
D 10A	D 38	7.3
D 10B	D 38A	4.1
D 10C	D 39	93.9
D 11	D 40	25.5
D 12	D 41	34.8
D 13	D 42	15.0
D 14	D 43	49.4
D 15	D 44	39.4
D 16	D 45	65.2
D 17	D 46	20.7
D 18	D 47	107.0
D 19A	D 48	21.1
D 19B	D 49	55.1
D 19C		
D 20		
D 21		
D 22		
D 23A		
D 23B		
D 24A		
D 24B		
D 24C		
D 25		
D 26		
D 27A		
D 27B		
D 28		
Sub Total	Sub Total	928.8
	Total	1,909.1

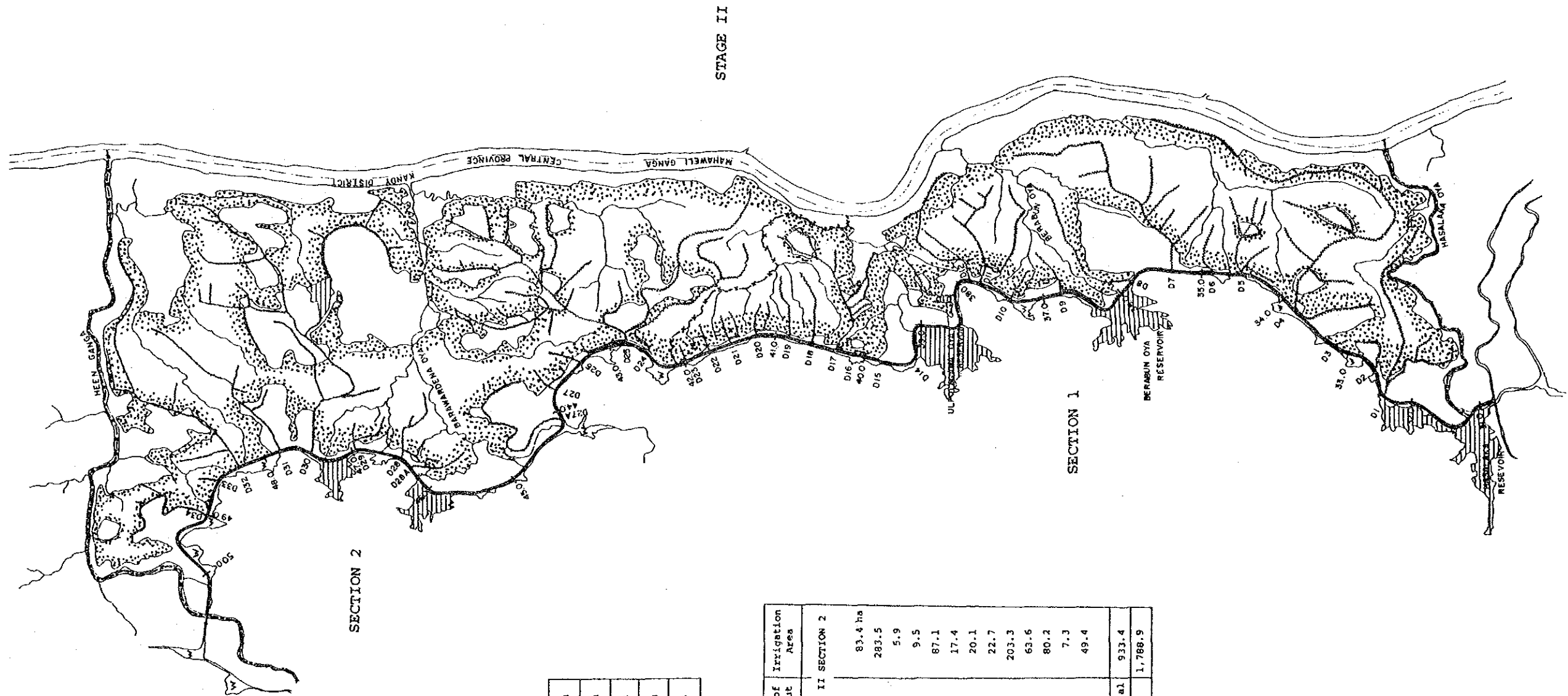
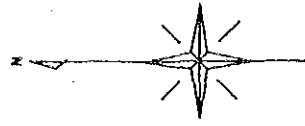


IRRIGATION SYSTEM

GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME
 EXISTING IRRIGATION SYSTEM
 - STAGE I -

DATE	MARCH 10, 1986	D.W.G. No.	01-1/3
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JAPAN INTERNATIONAL COOPERATION AGENCY



IRRIGATION SYSTEM

SECTION 2

SECTION 1

STAGE II

IRRIGATION AREA

STAGE I	1,910 ha
STAGE II	1,789 ha
STAGE III	1,738 ha
STAGE IV	670 ha
TOTAL	6,107 ha

Name of Irrigation Turnout Area	Name of Irrigation Turnout Area	Irrigation Area
STAGE II SECTION 1		
D 1		71.1 ha
D 2		5.5
D 3		9.7
D 4		163.6
D 5		43.7
D 6		17.8
D 7		129.6
D 8		42.2
D 9		19.9
D 10		8.7
D 11		80.6
D 12		54.5
D 13		21.7
D 14		11.7
D 15		6.5
D 16		12.1
D 17		80.0
D 18		25.1
D 19		15.0
D 20		13.8
D 21		8.1
D 22		7.7
D 23		6.9
Sub Total		855.5
STAGE II SECTION 2		
D 24		83.4 ha
D 25		283.5
D 26		5.9
D 27		9.5
D 27A		87.1
D 28A		17.4
D 28		20.1
D 29		22.7
D 30		203.3
D 31		63.6
D 32		80.2
D 33		7.3
D 34		49.4
Sub Total		933.4
Total		1,788.9

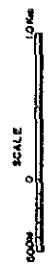
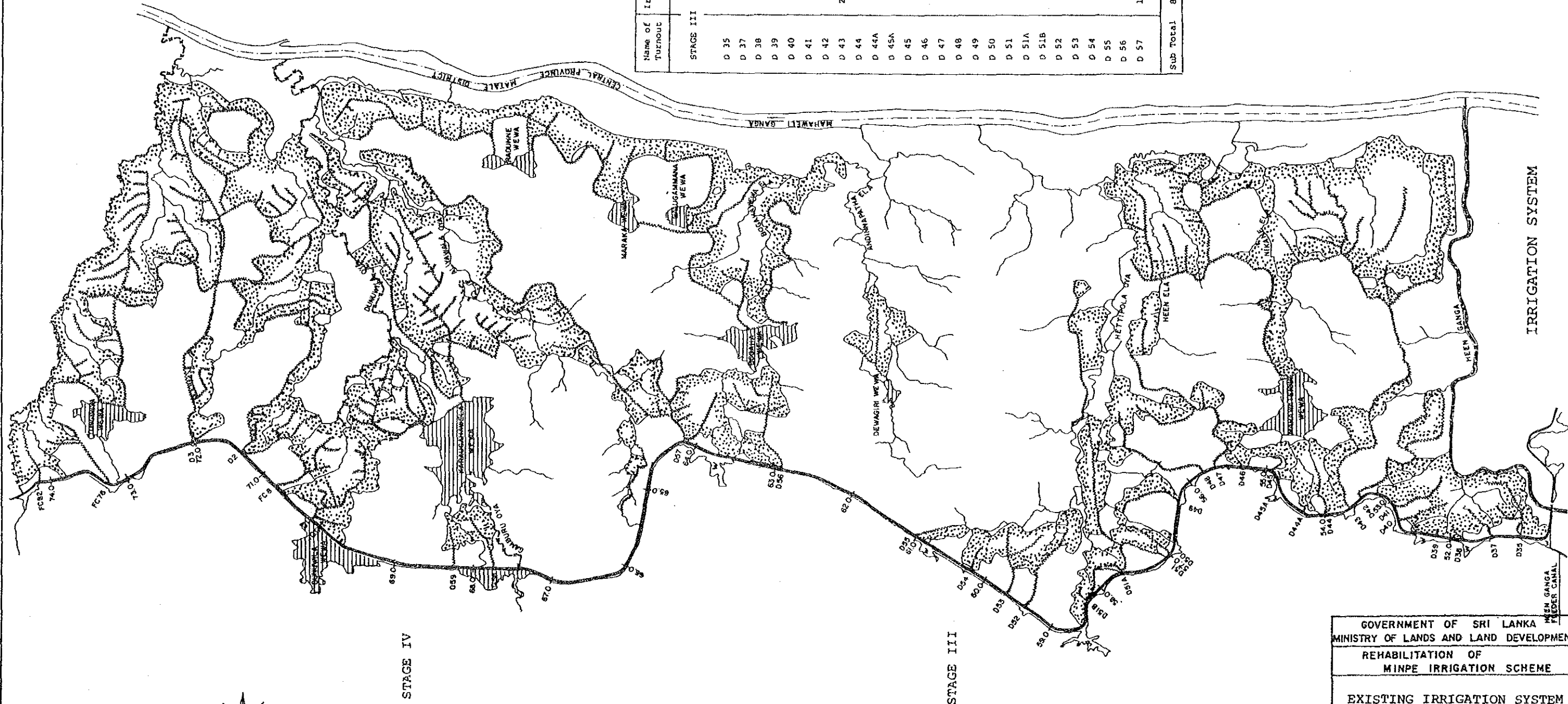
GOVERNMENT OF SRI LANKA			
MINISTRY OF LANDS AND LAND DEVELOPMENT			
REHABILITATION OF			
MINPE IRRIGATION SCHEME			
EXISTING IRRIGATION SYSTEM			
- STAGE II -			
DATE	MARCH 18, 1986	D.W.G. No.	01-2/3
JAPAN INTERNATIONAL COOPERATION AGENCY			

IRRIGATION AREA

STAGE I	1,910 ha
STAGE II	1,789 ha
STAGE III	1,738 ha
STAGE IV	670 ha
TOTAL	6,107 ha

Name of Turnout	Irrigation Area	Name of Turnout	Name of Irrigation Area
STAGE IV			
D 58	13.0 ha	(Tungitiya Wewa)	
D 59	7.3	MINOR TANK	
D 1	49.0	D 4	162.8 ha
PC 8	25.9	Total	670.6
D 2	83.8		
D 3	271.7		
PC 76	34.8		
FC 82	22.3		
Sub-Total	507.8		

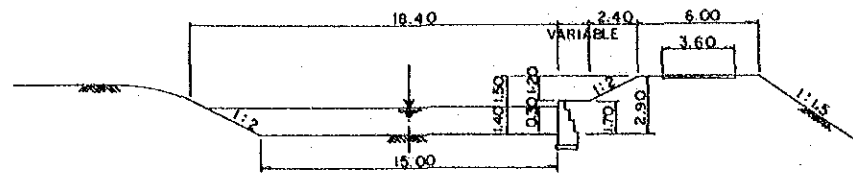
Name of Turnout	Irrigation Area	Name of Turnout	Name of Irrigation Area
STAGE III			
D 35	22.3 ha	MINOR TANKS	
D 37	7.3	Mahawatenna Wewa	
D 38	4.1	D. Ch1	170.1 ha
D 39	4.1	Dewagiri Wewa	
D 40	7.3	D. Ch1	32.8
D 41	21.9		
D 42	30.0	Bogaha Wewa	
D 43	269.1	L.B.D Ch1	93.2
D 44	12.9	R.B.D Ch1	36.5
D 44A	5.3	Sub-Total	129.7
D 45A	2.0	Balugamma Wewa	
D 45	6.9	D. Canal	27.6
D 46	2.2		
D 47	80.2	Maraka Wewa	
D 48	5.5	L.B.D Ch1	99.9
D 49	7.5	R.B.D Ch1	13.7
D 50	3.8	Sub-Total	73.6
D 51	25.1	Raddunne Wewa	
D 51A	11.3	L.B.D Ch1	81.0
D 51B	2.8	R.B.D Ch1	30.4
D 52	32.0	Sub-Total	111.4
D 53	23.1	Koragahawela Wewa	
D 54	8.5	L.B.D Ch1	57.2 ha
D 55	6.5	R.B.D Ch1	202.1
D 56	27.1	Sub-Total	259.3
D 57	184.7	Total	804.5
Sub-Total	812.5		
MINOR IRRIGATION SCHEME			
		Radagapocha Amuna	
		D.Ch1	81.0 ha
		Aliyahwela Amuna	
			30.4
		Aruna Goripola Amuna	
			10.1
		Sub Total	121.5
		Total	1,738.5
		(STAGE III)	



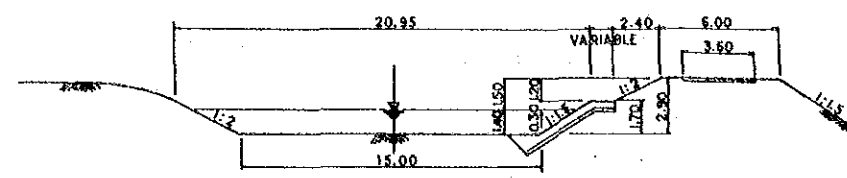
- REGEND
- Irrigation Area
 - Main Canal
 - Distributory/Field Canal
 - Drainage Stream/River
 - Reservoir
 - Boundary of Stage/Section

GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME
 EXISTING IRRIGATION SYSTEM
 - STAGE III & IV -

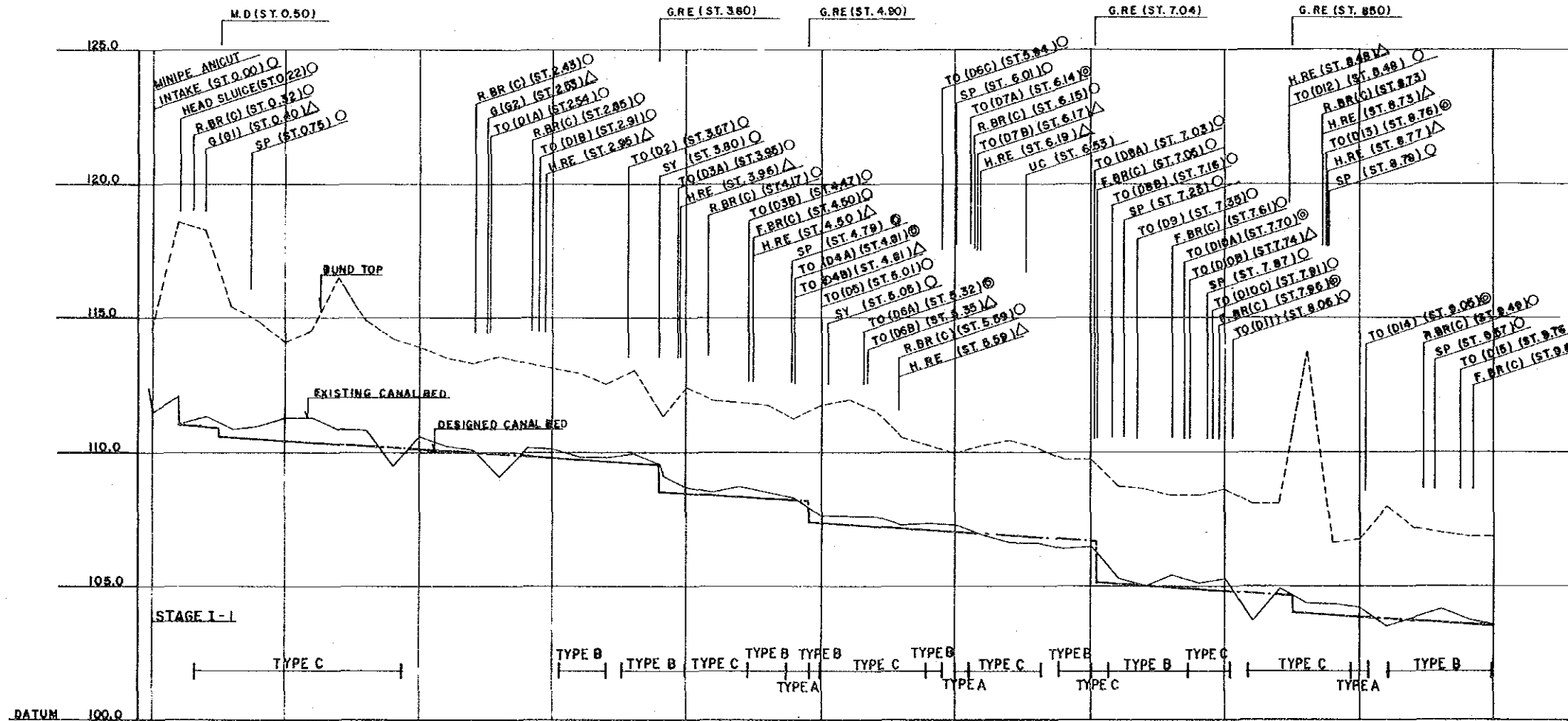
DATE MARCH 15, 1986 D.W.G. No. 01-3/3
 JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION (STAGE I-1, TYPE A)

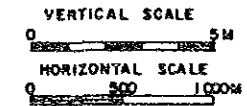


TYPICAL SECTION (STAGE I-1, TYPE B)



LEGEND

	to be Newly Constructed
	to be Repaired
	to be Reconstructed
	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G. RE	Gate Regulator
H. RE	H-beam Regulator
G. SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R. BR (c)	Bridge (Road / concrete)
R. BR (w)	Bridge (Road / wood)
F. BR (c)	Bridge (Foot / concrete)
F. BR (w)	Bridge (Foot / wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff



1/3,000

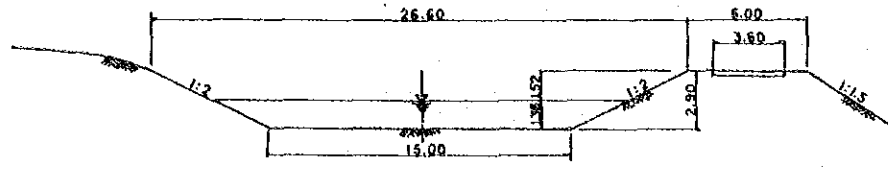
DESIGNED	GRABIENT																			
	BUND ELEVATION(m)	114.48	111.03	110.23	110.23	110.48	110.13	108.90	108.23	108.23	108.48	108.13	107.00	106.55	106.15	106.15	106.48	106.13	103.88	103.88
CANAL BED ELEVATION(m)	111.49	111.03	110.23	110.23	110.48	110.13	108.90	108.23	108.23	108.48	108.13	107.00	106.55	106.15	106.15	106.48	106.13	103.88	103.88	103.88
EXISTING	GRABIENT																			
	BUND ELEVATION(m)	114.48	111.03	110.23	110.23	110.48	110.13	108.90	108.23	108.23	108.48	108.13	107.00	106.55	106.15	106.15	106.48	106.13	103.88	103.88
CANAL BED ELEVATION(m)	111.49	111.03	110.23	110.23	110.48	110.13	108.90	108.23	108.23	108.48	108.13	107.00	106.55	106.15	106.15	106.48	106.13	103.88	103.88	103.88
STATION(km)	0.000	0.235	0.388	1.000	2.000	3.000	3.800	4.000	4.800	5.000	6.000	7.000	7.040	8.000	8.500	9.000	9.000	10.000	10.000	10.000

Note: Proposed Bathing & Washing Place and Access Slope for Buffalos are not Given

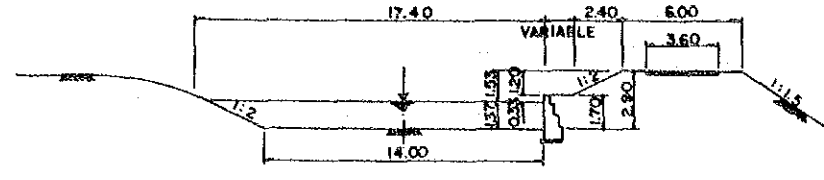
GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME

LONGITUDINAL SECTION
 OF
 MAIN CANAL (1)

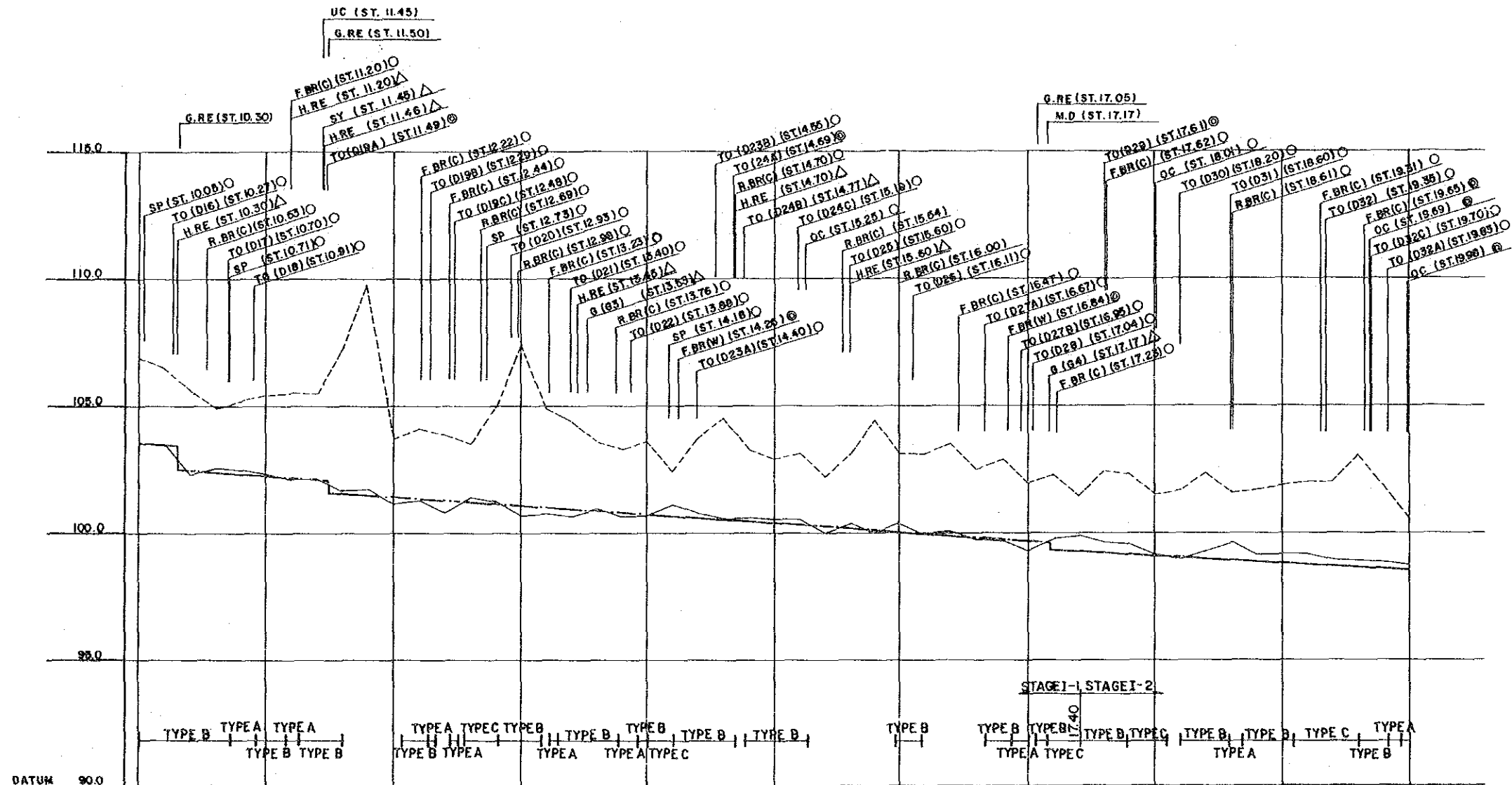
DATE MARCH 18, 1986 D.W.G. No. 02-1/8
 JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION (STAGE I-1, TYPE C)

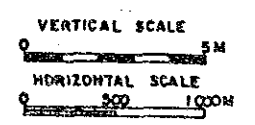


TYPICAL SECTION (STAGE I-2, TYPE A)



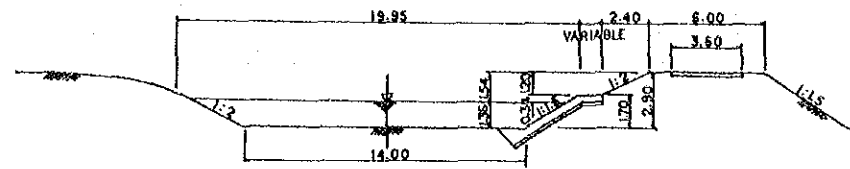
LEGEND

—	to be Newly Constructed
○	to be Repaired
⊙	to be Reconstructed
△	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G.RE	Gate Regulator
H.RE	H-beam Regulator
G.SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R.BR (c)	Bridge (Road/concrete)
R.BR (w)	Bridge (Road/wood)
F.BR (c)	Bridge (Foot/concrete)
F.BR (w)	Bridge (Foot/wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff

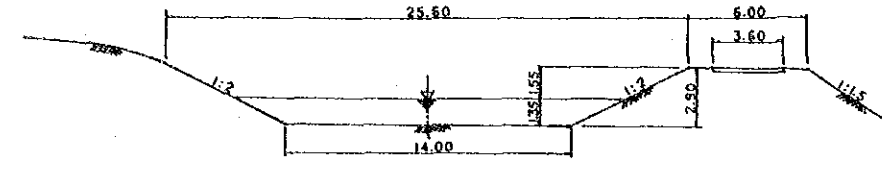


DESIGNED	GRADIENT	3.000										2.571								
	BUND ELEVATION(m)	106.90																		
EXISTING	CANAL BED ELEVATION(m)	103.96	102.24	102.23	103.04	101.58	103.70	101.35	101.06	100.73	100.39	100.06	99.73	99.57	99.37	99.29	99.12	98.84	98.66	
	BUND ELEVATION(m)	106.90	106.90	106.40	106.40	107.50	107.50	107.50	107.50	107.50	107.50	107.50	107.50	107.50	107.50	107.50	107.50	107.50	107.50	107.50
CANAL BED ELEVATION(m)		103.96	102.24	102.23	103.04	101.58	103.70	101.35	101.06	100.73	100.39	100.06	99.73	99.57	99.37	99.29	99.12	98.84	98.66	
STATION(Km)		10.000	10.300	11.000	11.800	12.000	13.000	14.000	15.000	16.000	17.000	17.170	17.400	18.000	18.000	18.000	18.000	18.000	18.000	20.000

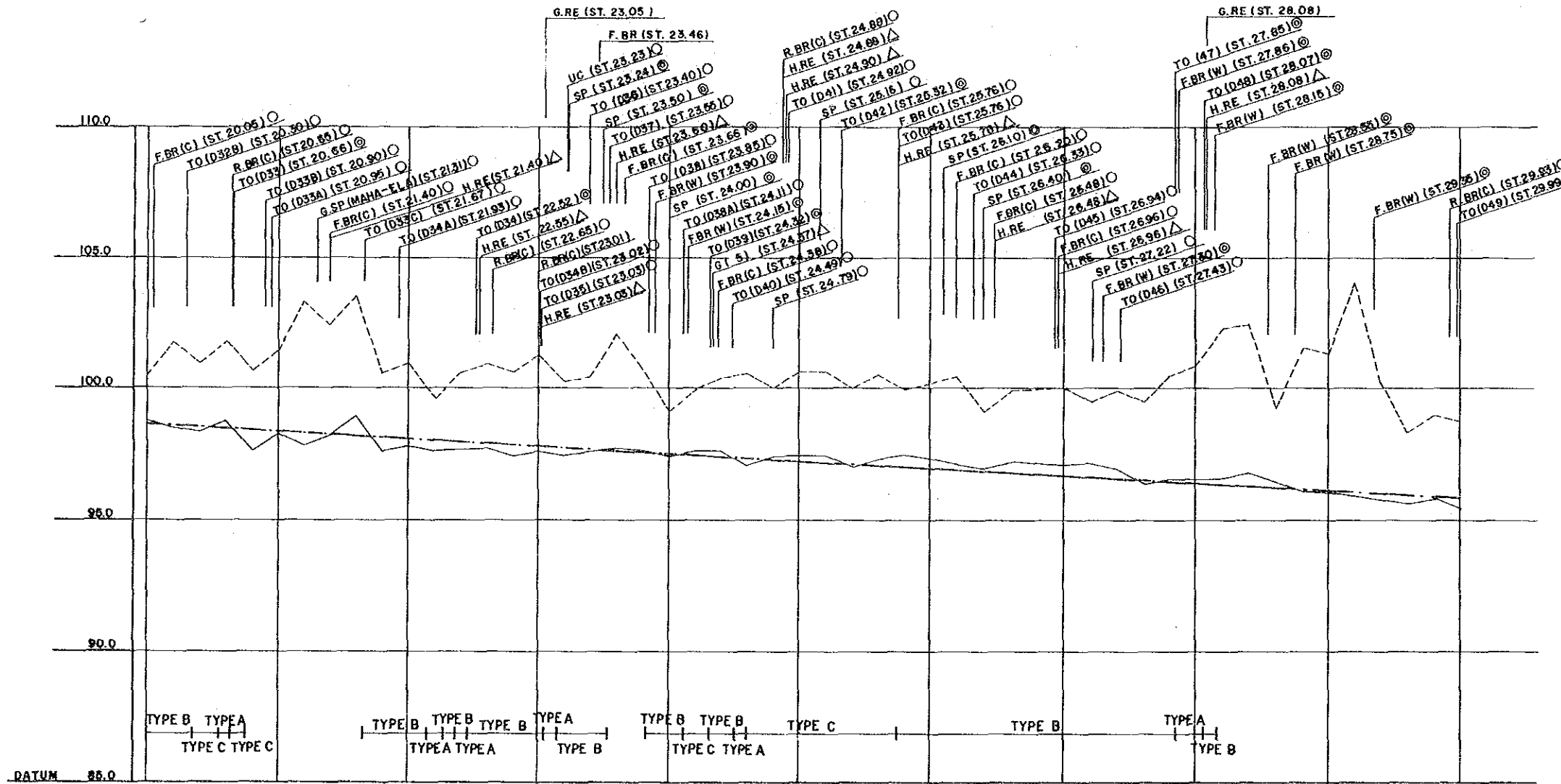
GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME
 LONGITUDINAL SECTION
 OF
 MAIN CANAL (2)
 DATE MARCH 15, 1986 D.W.G. No. 02-2/8
 JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION (STAGE I-2, TYPE B)

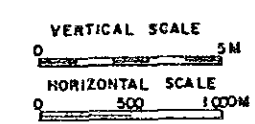


TYPICAL SECTION (STAGE I-2, TYPE C)



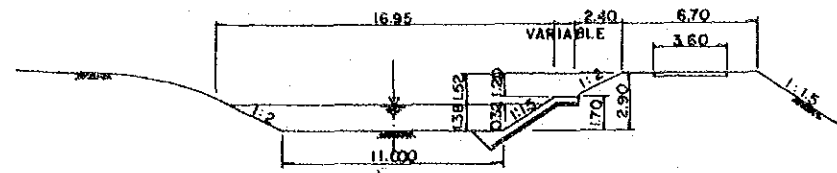
LEGEND

—	to be Newly Constructed
○	to be Repaired
⊙	to be Reconstructed
△	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G. RE	Gate Regulator
H. RE	H-beam Regulator
G. SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R. BR (c)	Bridge (Road /concrete)
R. BR (w)	Bridge (Road /wood)
F. BR (c)	Bridge (Foot /concrete)
F. BR (w)	Bridge (Foot /wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff

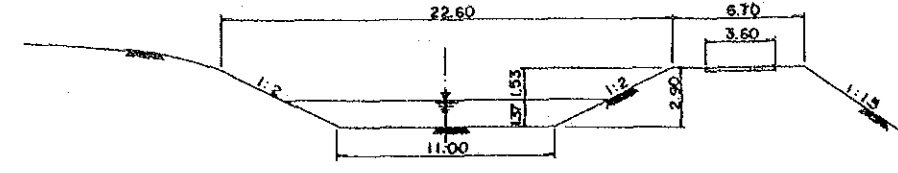


	DESIGNED		EXISTING	
	GRADIENT	BUND ELEVATION(m)	BUND ELEVATION(m)	CANAL BED ELEVATION(m)
STATION (Km)	3.571			
20.000		100.43	96.71	96.71
21.000		101.41	98.27	98.27
22.000		100.95	97.78	97.78
23.000		101.28	97.58	97.58
24.000		99.01	97.32	97.32
25.000		100.88	97.40	97.40
26.000		100.12	97.27	97.27
27.000		100.03	97.01	97.01
28.000		100.80	96.44	96.44
29.000		101.31	96.04	96.04
30.000		99.72	95.34	95.34

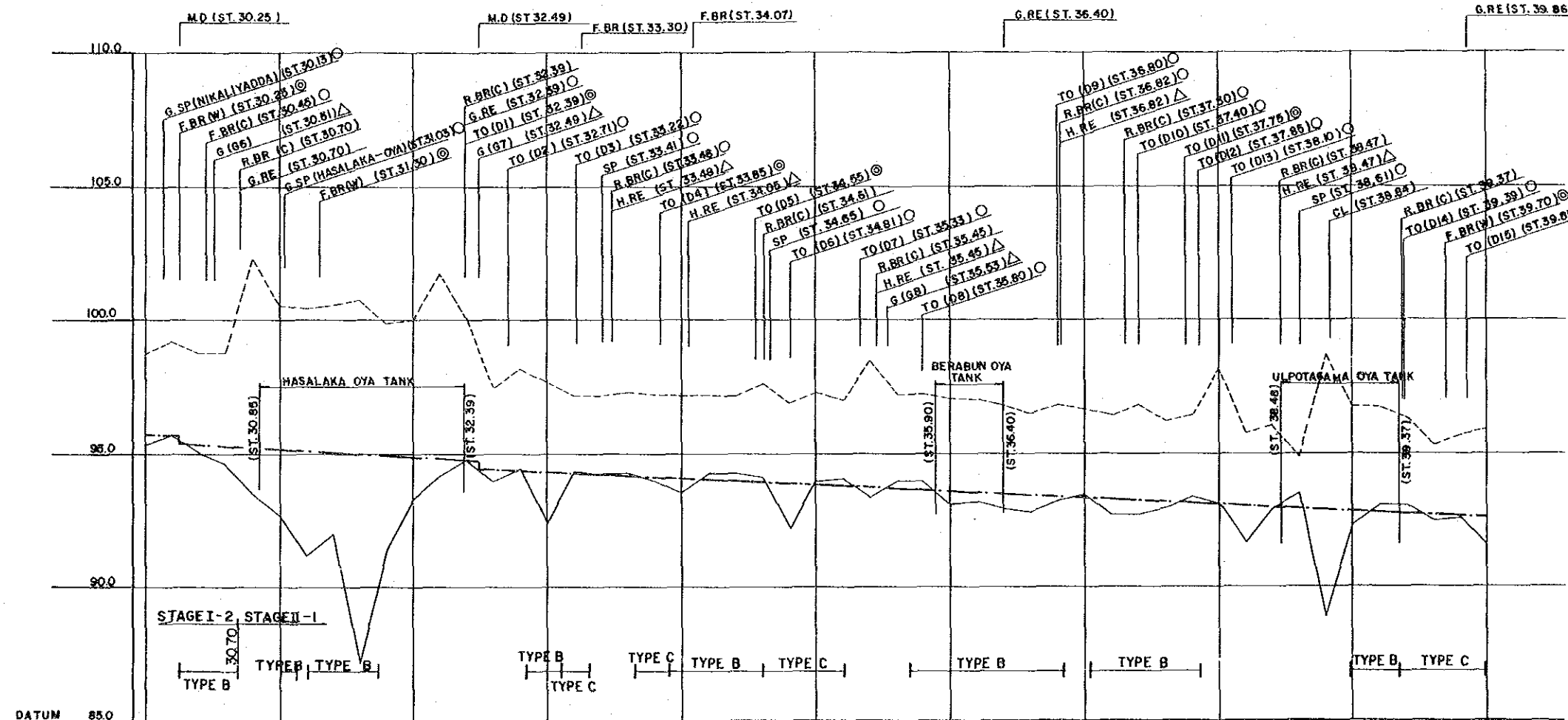
GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME
 LONGITUDINAL SECTION
 OF
 MAIN CANAL (3)
 DATE MARCH 18, 1986 D.W.G. No. 02-3/8
 JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION (STAGE II-1, TYPE B)

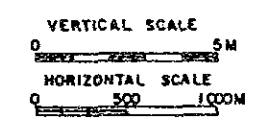


TYPICAL SECTION (STAGE II-1, TYPE C)



LEGEND

—	to be Newly Constructed
○	to be Repaired
⊙	to be Reconstructed
△	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G.RE	Gate Regulator
H.RE	H-beam Regulator
G.SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R.BR(c)	Bridge (Road/concrete)
R.BR(w)	Bridge (Road/wood)
F.BR(c)	Bridge (Foot/concrete)
F.BR(w)	Bridge (Foot/wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff

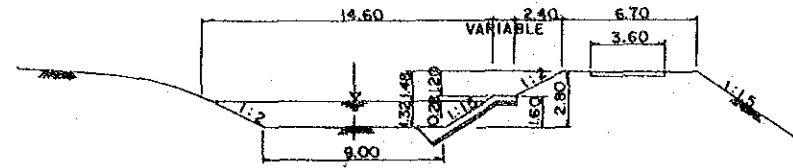


STATION (Km)	DESIGNED		EXISTING	
	BUND ELEVATION(m)	CANAL BED ELEVATION(m)	BUND ELEVATION(m)	CANAL BED ELEVATION(m)
30.000	98.72	95.76	98.54	95.54
30.200	98.72	95.76	98.54	95.54
30.700	98.72	95.76	98.54	95.54
31.000	98.72	95.76	98.54	95.54
32.000	98.72	95.76	98.54	95.54
32.300	98.72	95.76	98.54	95.54
32.400	98.72	95.76	98.54	95.54
33.000	98.72	95.76	98.54	95.54
34.000	98.72	95.76	98.54	95.54
35.000	98.72	95.76	98.54	95.54
36.000	98.72	95.76	98.54	95.54
37.000	98.72	95.76	98.54	95.54
38.000	98.72	95.76	98.54	95.54
39.000	98.72	95.76	98.54	95.54
40.000	98.72	95.76	98.54	95.54

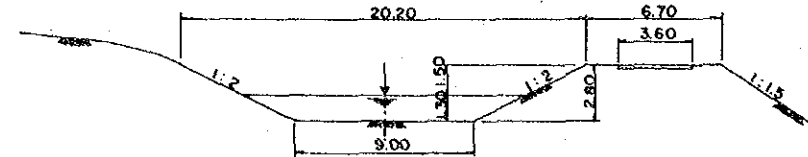
GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME

LONGITUDINAL SECTION
 OF
 MAIN CANAL (4)

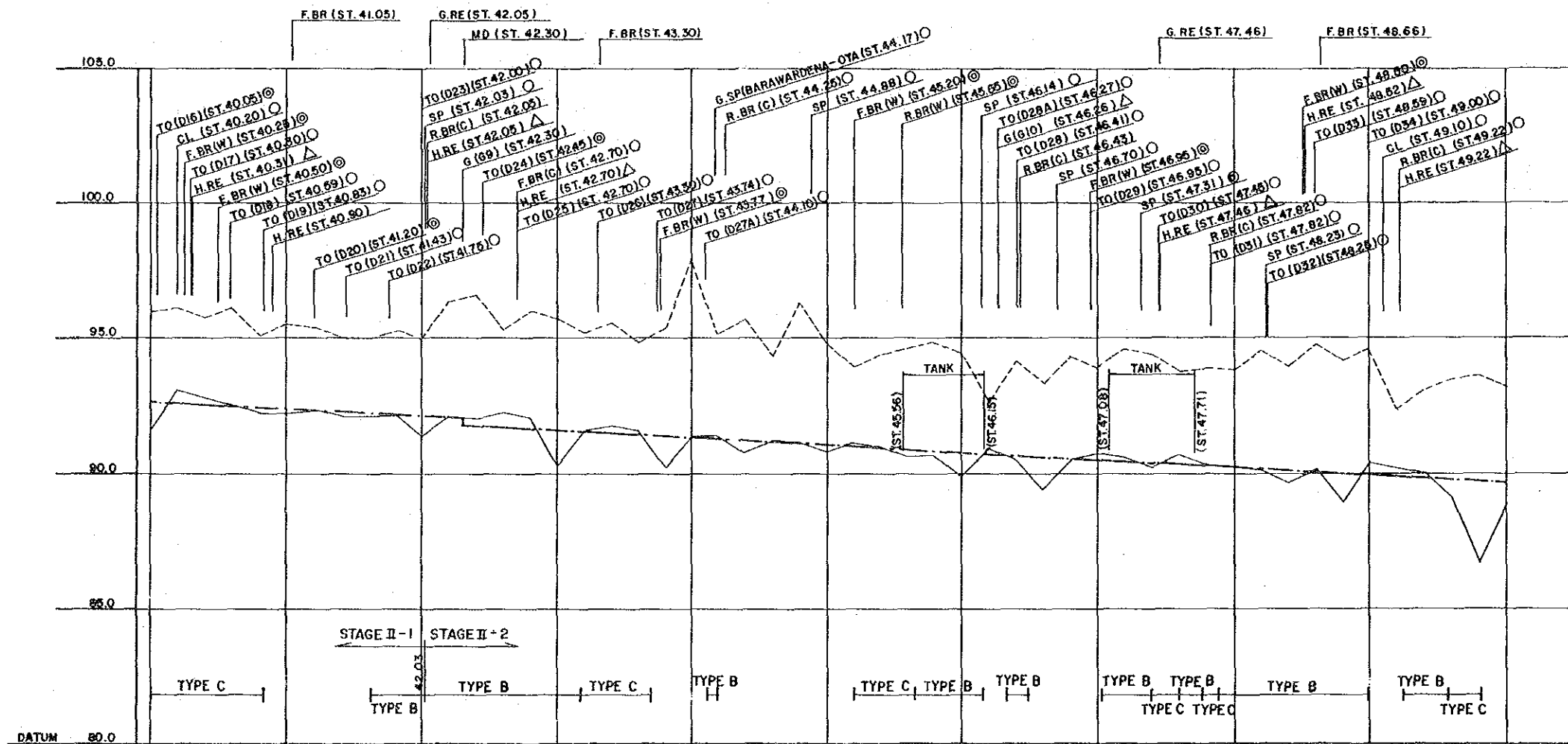
DATE MARCH 18, 1986 D.W.G. No. 02-4/8
 JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION (STAGE II-2, TYPE B)

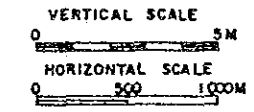


TYPICAL SECTION (STAGE II-2, TYPE C)



LEGEND

—	to be Newly Constructed
○	to be Repaired
⊙	to be Reconstructed
△	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G.RE	Gate Regulator
H.RE	H-beam Regulator
G.SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R.BR (c)	Bridge (Road/concrete)
R.BR (w)	Bridge (Road/wood)
F.BR (c)	Bridge (Foot/concrete)
F.BR (w)	Bridge (Foot/wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff



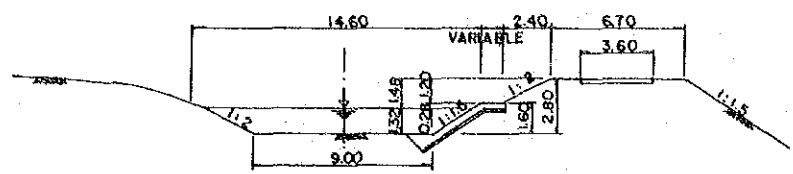
DESIGNED	GRADIENT	4.000									
	BUND ELEVATION(m)										
EXISTING	CANAL BED ELEVATION(m)	92.57	92.21	92.07	91.89	91.5	91.28	91.01	90.76	90.51	90.26
	BUND ELEVATION(m)	95.88	95.00	94.90	95.64	97.90	94.80	94.48	95.89	93.84	94.56
CANAL BED ELEVATION(m)		91.54	92.14	91.29	90.14	91.50	90.84	90.83	90.82	90.32	90.38
STATION(Km)		40.000	41.000	42.000	43.000	44.000	45.000	46.000	47.000	48.000	49.000

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
MINPE IRRIGATION SCHEME

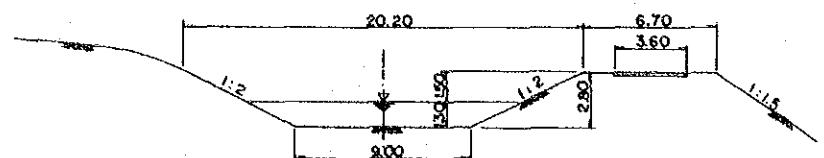
LONGITUDINAL SECTION
OF
MAIN CANAL (5)

DATE MARCH 18, 1986 D.W.G. No. 02-5/8

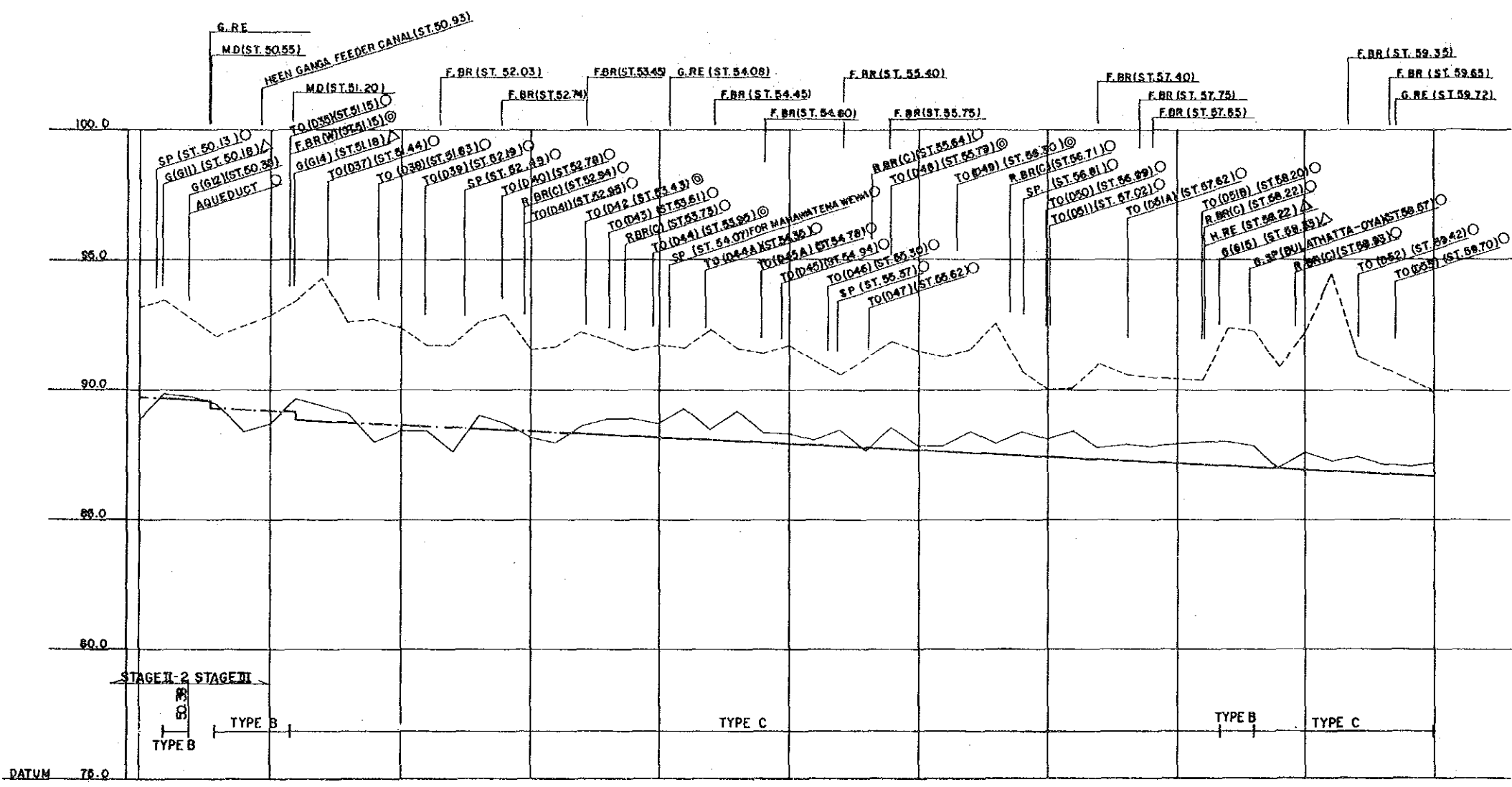
JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION (STAGE III, TYPE B)

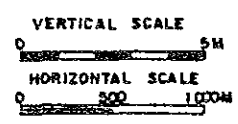


TYPICAL SECTION (STAGE III, TYPE C)



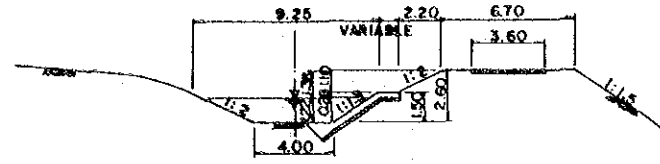
LEGEND

—	to be Newly Constructed
○	to be Repaired
⊙	to be Reconstructed
△	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G.RE	Gate Regulator
H.RE	H-beam Regulator
G.SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R.BR (c)	Bridge (Road / concrete)
R.BR (w)	Bridge (Road / wood)
F.BR (c)	Bridge (Foot / concrete)
F.BR (w)	Bridge (Foot / wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff

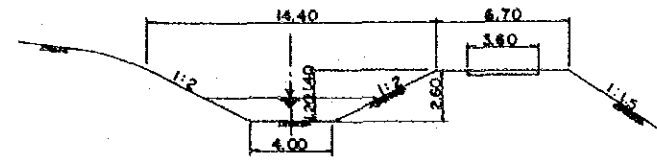


DESIGNED	GRADIENT	4.000												
	BUND ELEVATION(m)	93.14	93.14	92.86	92.40	88.63	88.40	88.15	87.30	87.83	90.00	90.40	87.10	86.90
CANAL BED ELEVATION(m)	88.74	88.62	88.32	88.25	88.63	88.40	88.15	87.30	87.83	90.00	90.40	87.10	86.90	
EXISTING	BUND ELEVATION(m)	93.14	93.14	92.86	92.40	88.63	88.40	88.15	87.30	87.83	90.00	90.40	87.10	86.90
CANAL BED ELEVATION(m)	88.32	88.32	88.66	88.66	88.40	88.10	88.66	88.31	87.84	88.12	87.93	87.37	87.19	
STATION(Km)	50.000	50.200	51.000	51.200	52.000	53.000	54.000	55.000	56.000	57.000	58.000	59.000	60.000	

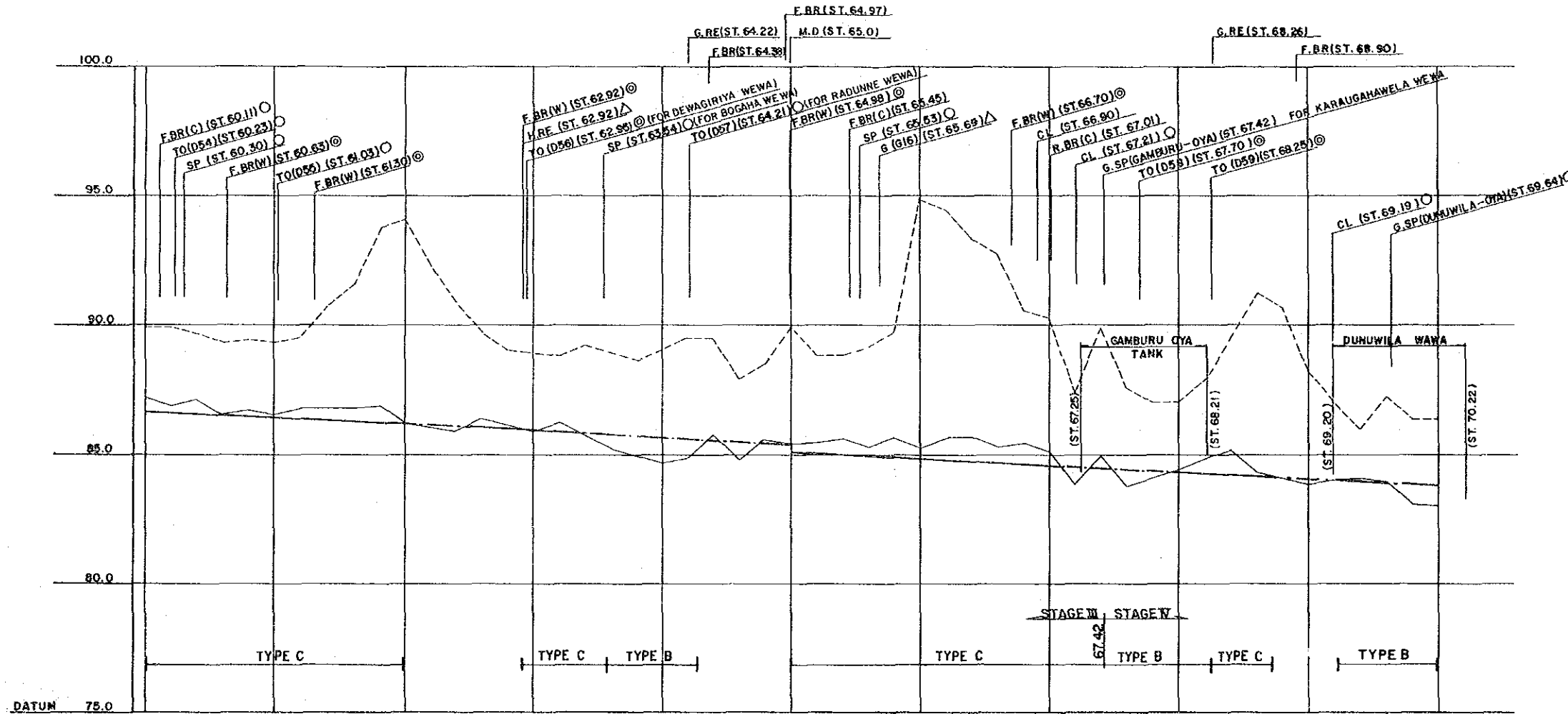
GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME
 LONGITUDINAL SECTION
 OF
 MAIN CANAL (6)
 DATE MARCH 18, 1986 D.W.G. No. 02-6/8
 JAPAN INTERNATIONAL COOPERATION AGENCY



TYPICAL SECTION (STAGE W, TYPE B)

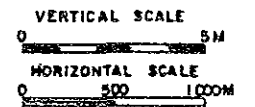


TYPICAL SECTION (STAGE W, TYPE C)



LEGEND

	to be Newly Constructed
	to be Repaired
	to be Reconstructed
	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G.RE	Gate Regulator
H.RE	H-beam Regulator
G.SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R.BR (c)	Bridge (Road/concrete)
R.BR (w)	Bridge (Road/wood)
F.BR (c)	Bridge (Foot/concrete)
F.BR (w)	Bridge (Foot/wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff

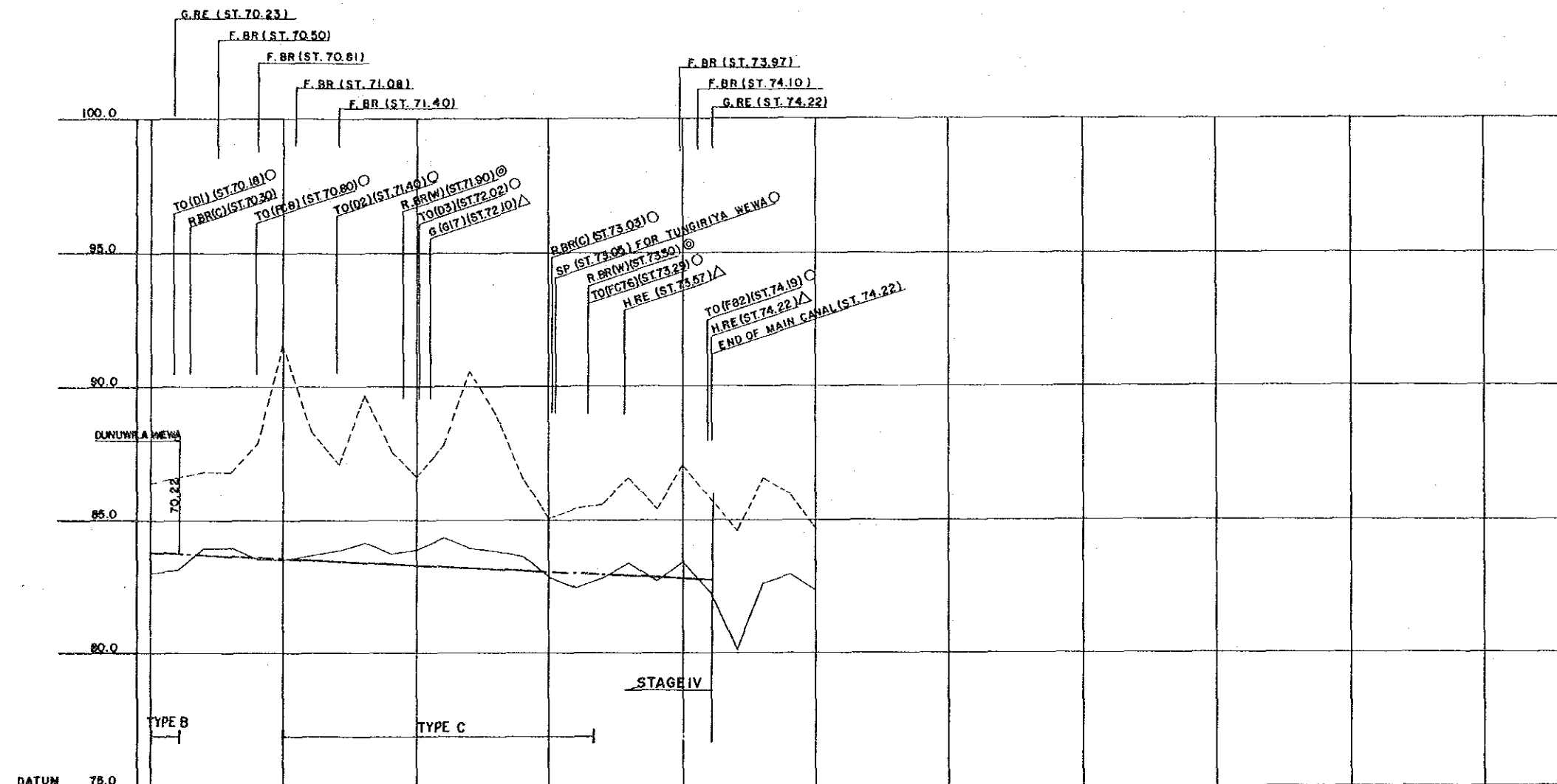


DESIGNED	GRADIENT												
	BUND ELEVATION(m)												
EXISTING	CANAL BED ELEVATION(m)	85.83	85.40	85.15	85.90	85.85	85.40	85.10	84.80	84.50	84.33	84.10	83.85
	BUND ELEVATION(m)	89.90	89.30	94.10	88.90	89.00	89.90	94.80	90.30	84.50	87.08	88.20	88.40
	CANAL BED ELEVATION(m)	87.19	86.48	86.19	85.84	86.88	85.44	85.90	85.10	84.41	83.88	83.01	83.01
	STATION(Km)	60.000	61.000	62.000	63.000	64.000	65.000	66.000	67.000	67.420	68.000	69.000	70.000

GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME

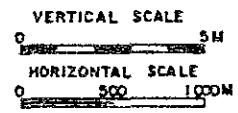
LONGITUDINAL SECTION
 OF
 MAIN CANAL (7)

DATE MARCH 18, 1986 D.W.G. No. 02-7/8
 JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

—	to be Newly Constructed
○	to be Repaired
⊙	to be Reconstructed
△	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G.RE	Gate Regulator
H.RE	H-beam Regulator
G.SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R.BR(c)	Bridge (Road/concrete)
R.BR(w)	Bridge (Road/wood)
F.BR(c)	Bridge (Foot/concrete)
F.BR(w)	Bridge (Foot/wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff



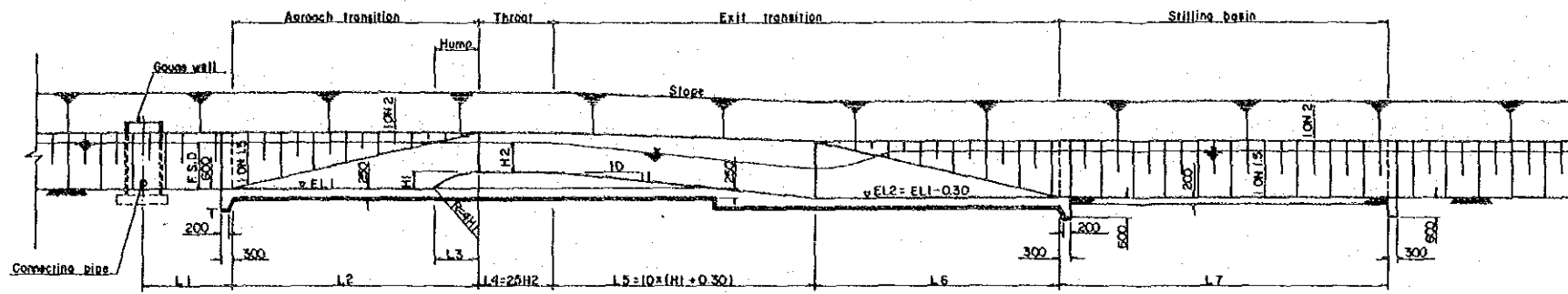
DESIGNED	GRADIENT	4.000					
	BUND ELEVATION(m)						
EXISTING	CANAL BED ELEVATION(m)	83.85	83.80	83.55	83.10	82.95	82.60
	BUND ELEVATION(m)	88.40	91.00	88.60	86.06	87.10	84.70
	CANAL BED ELEVATION(m)	81.01	83.53	83.89	82.84	83.43	82.36
	STATION (Km)	70.000	71.000	72.000	73.000	74.000	75.000

GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME

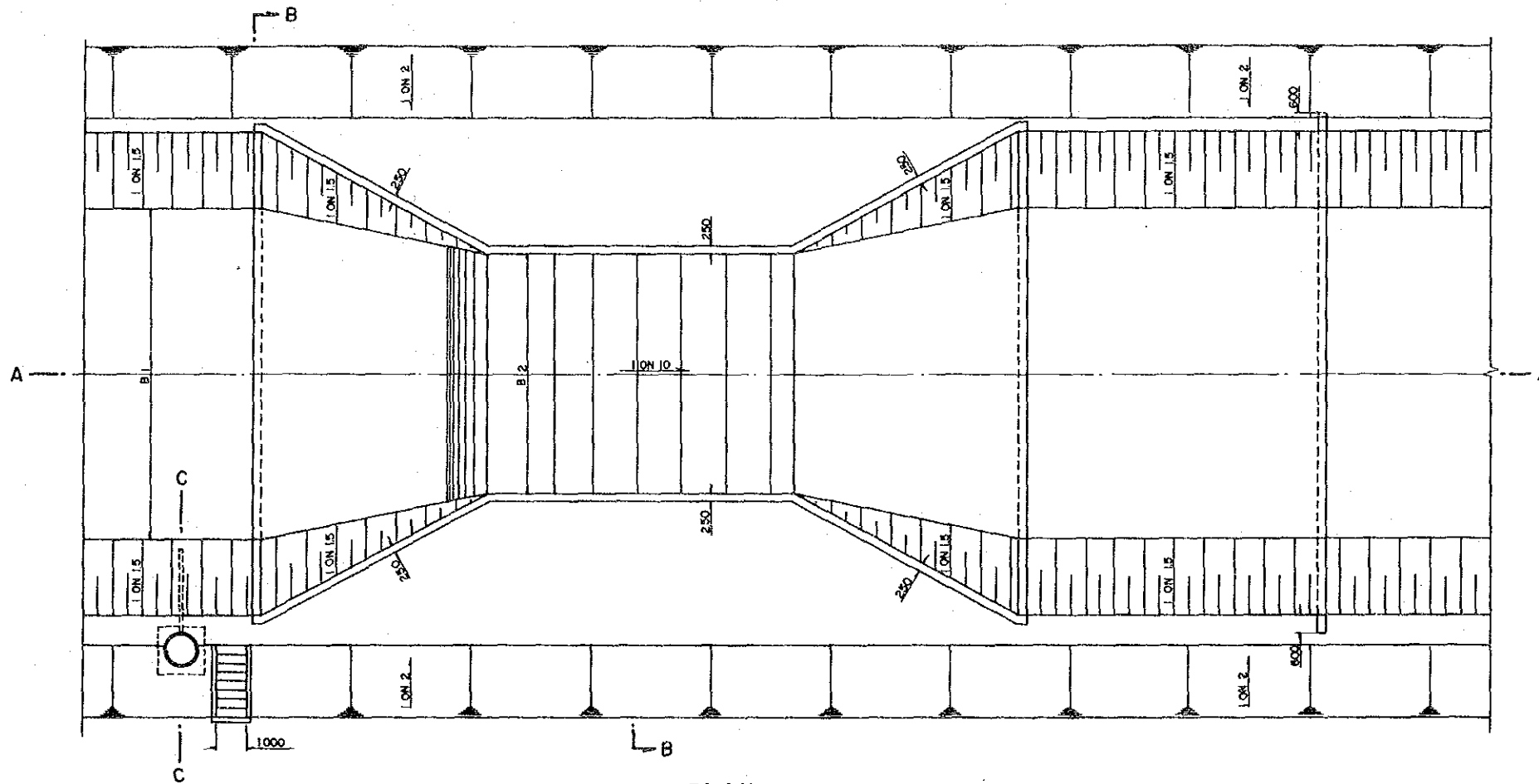
LONGITUDINAL SECTION
 OF
 MAIN CANAL (8)

DATE MARCH 18, 1986 D.W.G. No. 02-8/8

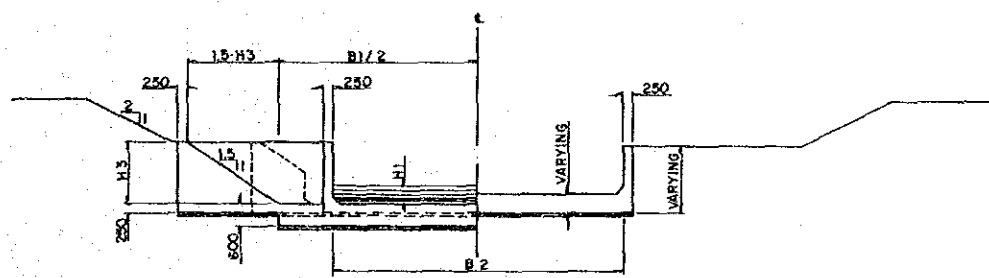
JAPAN INTERNATIONAL COOPERATION AGENCY



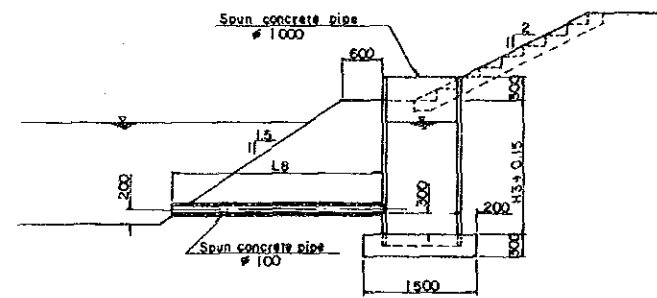
SECTIONAL ELEVATION A-A
SCALE 1:200



PLAN
SCALE 1:200



SECTIONAL ELEVATION B-B
SCALE 1:200



DETAIL OF GAUGE WELL C-C
SCALE 1:100

DIMENSIONS

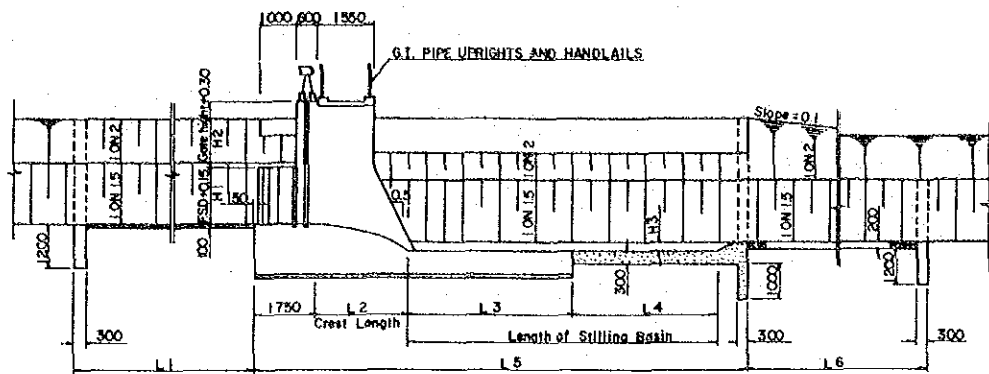
STAGE	I - 1	I - 2	II - 1	II - 2	III
F.S.D	1.40	1.37	1.38	1.32	1.32
Q(m ³ /s)	19.70	16.20	12.60	9.60	9.60
B1	15.00	14.00	11.00	9.00	9.00
B2	14.00	11.50	9.00	7.00	7.00
H1	0.52	0.49	0.50	0.45	0.45
H2	0.88	0.88	0.88	0.87	0.87
H3	1.70	1.70	1.70	1.60	1.60
L1	2.50	2.50	2.50	2.50	2.50
L2	5.00	6.50	7.50	5.00	5.00
L3	1.38	1.30	1.32	1.19	1.19
L4	2.20	2.20	2.20	2.20	2.20
L5	8.20	7.90	8.00	7.50	7.50
L6	5.00	6.50	7.50	5.00	5.00
L7	12.00	11.00	9.00	7.00	7.00
L8	2.90	2.90	2.90	2.70	2.70

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
MINPE IRRIGATION SCHEME

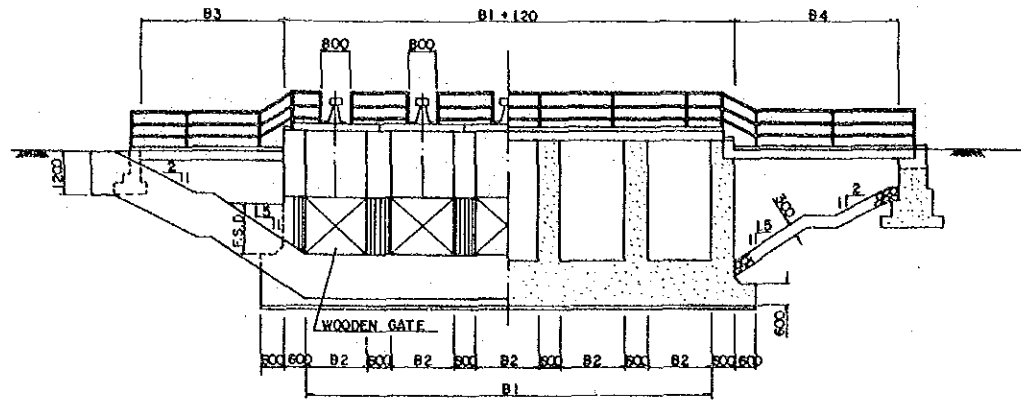
FLOW MEASURING DEVICE

DATE MARCH 15, 1986 D.W.G. No. 03

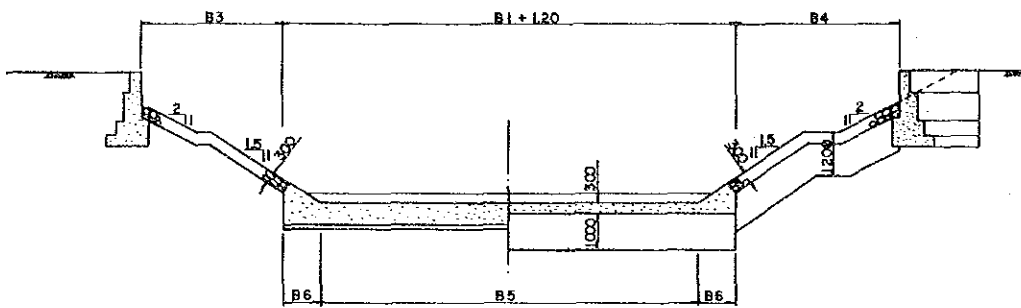
JAPAN INTERNATIONAL COOPERATION AGENCY



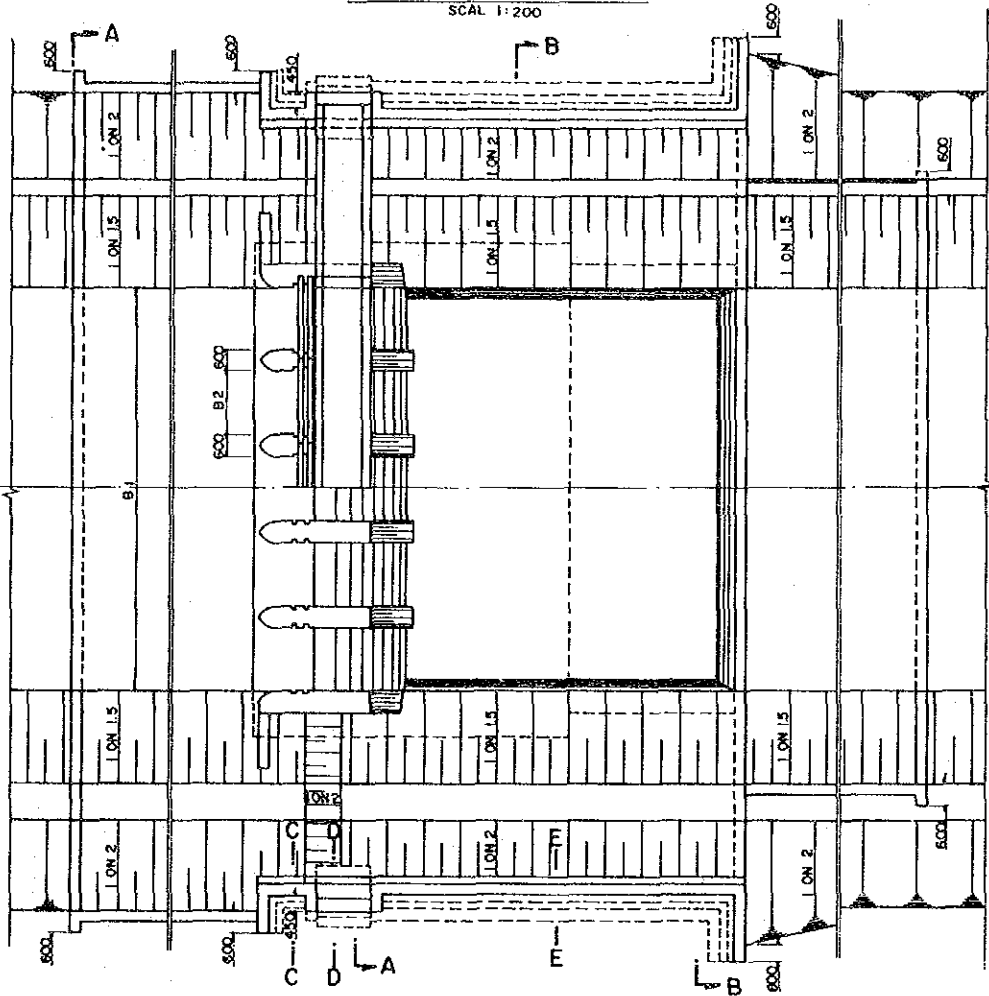
SECTIONAL ELEVATION
SCALE 1:200



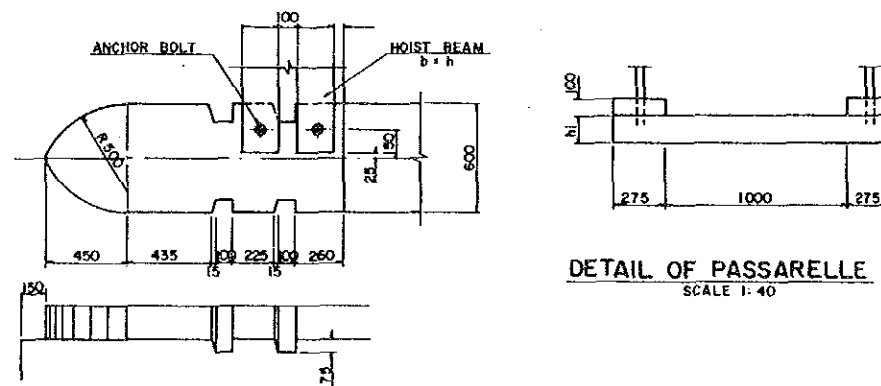
SECTION A-A
SCALE 1:200



SECTION B-B
SCALE 1:200

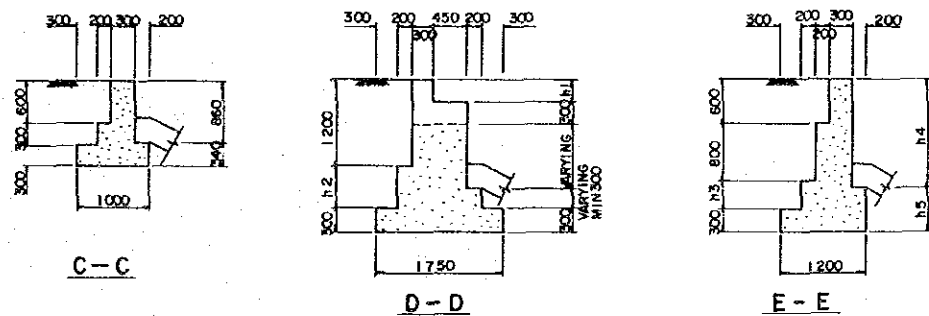


PLAN
SCALE 1:200



DETAIL OF PASSARELLE
SCALE 1:40

DETAIL OF
PIER NOSE, GROOVE & HOIST BEAM
SCALE 1:40



DETAIL OF RETAINING WALL & ABATMENT
SCALE 1:100

DIMENSIONS

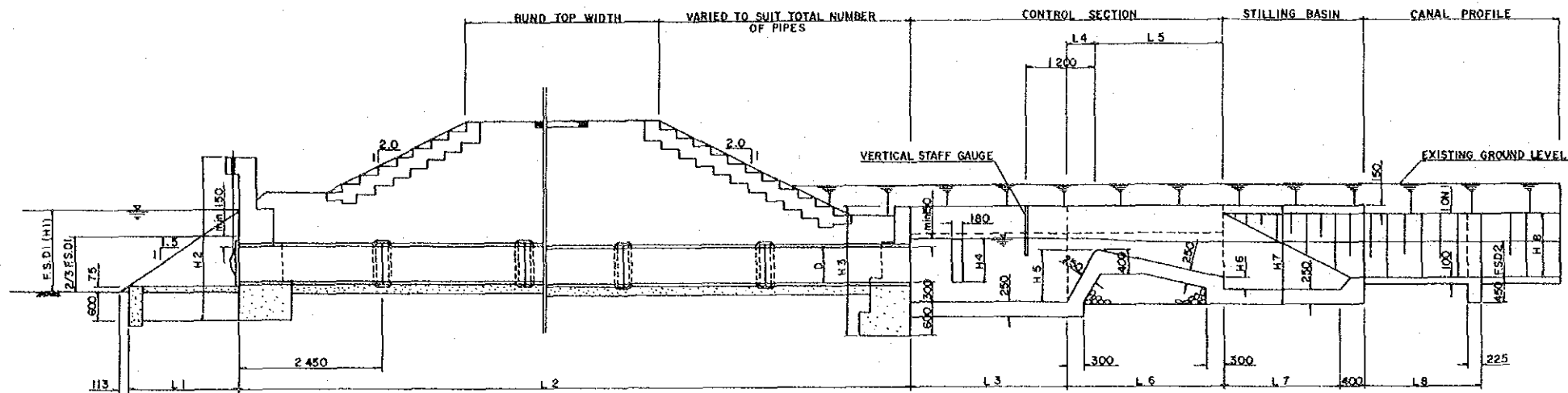
STAGE	I-1	I-2	II-1	II-2	III	IV
Nos. of Gates	7	7	5	5	5	2
B1	15.00	14.00	11.00	9.00	9.00	4.00
B2	1.63	1.49	1.72	1.32	1.32	1.70
B3	3.90	3.90	3.90	3.75	3.75	3.40
B4	4.60	4.60	4.60	4.45	4.45	4.10
B5	13.80	13.40	10.40	8.40	8.40	3.40
B6	1.20	0.90	0.90	0.90	0.90	0.90
H1	1.55	1.52	1.53	1.47	1.47	1.37
H2	1.85	1.82	1.82	1.77	1.77	1.67
H3	0.40	0.20	0.20	0.20	0.20	0.20
h1	0.20	0.20	0.20	0.20	0.20	0.15
h2	0.96	-	-	-	-	-
h3	0.76	-	-	-	-	-
h4	1.86	0.86	0.86	0.86	0.86	0.86
h5	0.60	0.34	0.34	0.34	0.34	0.34
FSD	1.40	1.37	1.38	1.32	1.32	1.22
L1	12.00	11.00	9.00	8.00	8.00	3.00
L2	3.50	1.20	1.20	1.20	1.20	1.20
L3	3.70	4.10	4.10	4.00	4.00	3.70
L4	3.30	0.90	0.90	1.00	1.00	1.30
L5	13.35	8.65	8.65	8.65	8.65	8.65
L6	8.00	5.00	5.00	5.00	5.00	5.00

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
MINPE IRRIGATION SCHEME

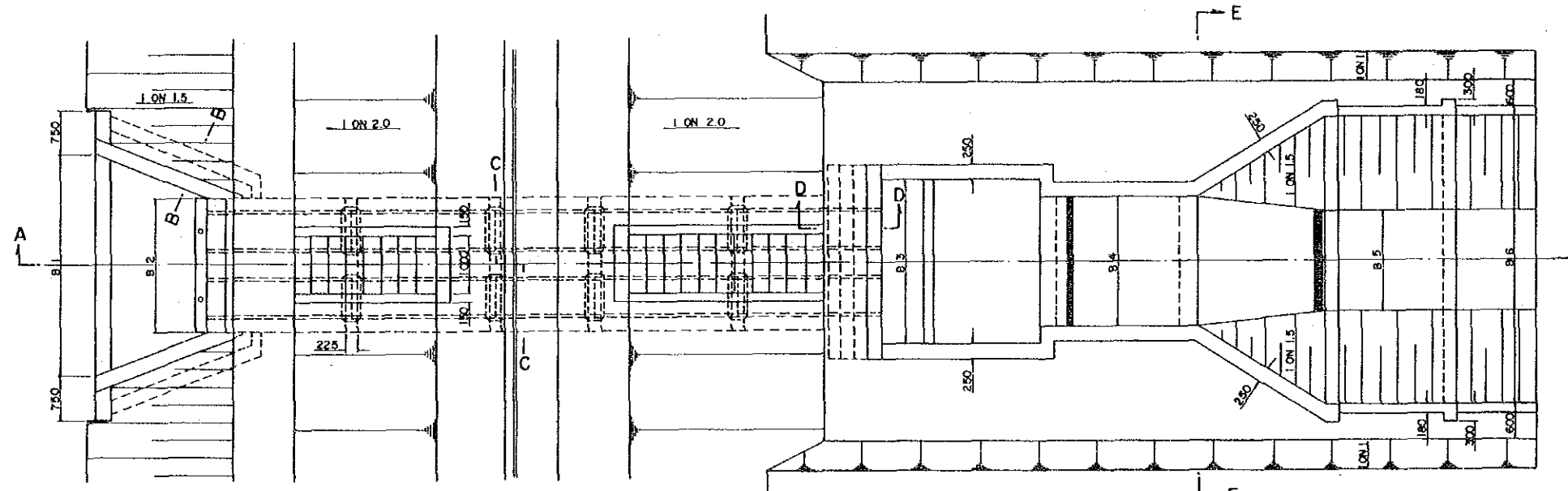
GATED REGULATOR

DATE MARCH 18, 1986 D.W.G. No. 04

JAPAN INTERNATIONAL COOPERATION AGENCY



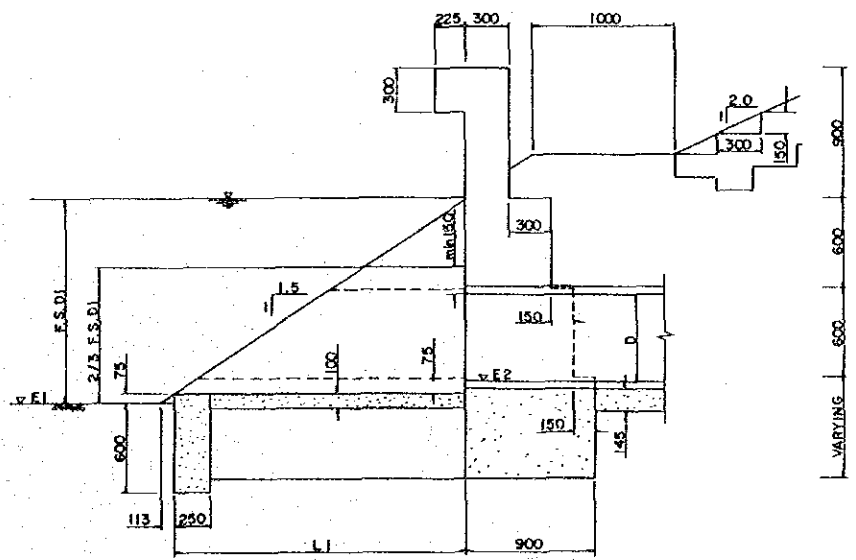
SECTIONAL ELEVATION A-A
SCALE 1:100



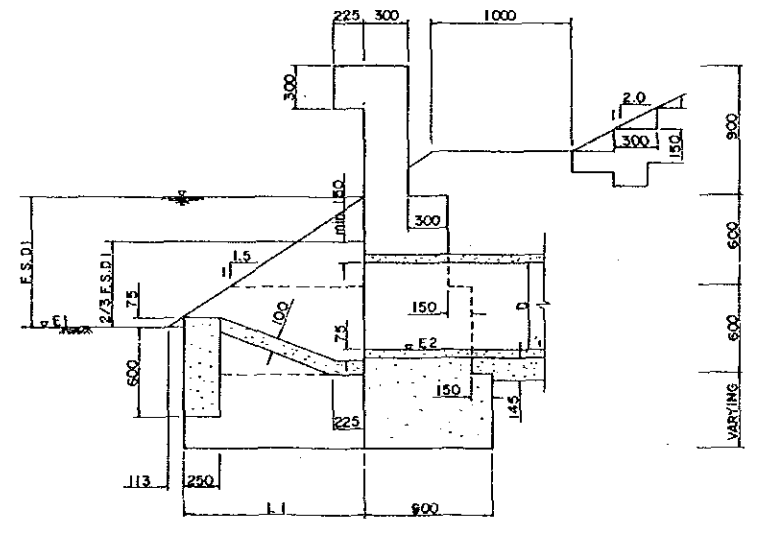
PLAN
SCALE 1:100

DIMENSIONS

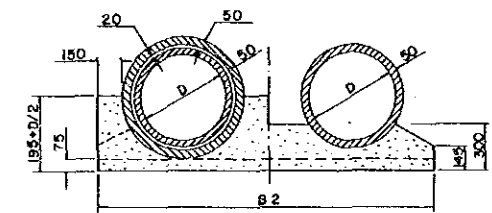
DISCHARGE (m ³ /s)	Q = 0.030	Q = 0.060	Q = 0.015	Q = 0.300	Q = 0.500
H1 (PSD1)	1.40	1.40	1.40	1.40	1.40
H2	2.25	2.32	2.47	2.62	2.62
H3	1.83	1.90	2.05	2.20	2.20
H4	0.38	0.45	0.60	0.75	0.75
H5	0.53	0.60	0.75	0.90	0.90
H6	0.15	0.15	0.15	0.20	0.20
H7	1.15	1.15	1.30	1.40	1.40
H8	0.75	0.75	0.90	1.00	1.00
L1	1.99	1.99	1.99	1.99	1.99
L2	14.70	14.70	14.70	14.70	14.70
L3	1.98	1.98	2.58	3.18	3.18
L4	0.30	0.35	0.43	0.52	0.52
L5	0.94	0.94	1.65	2.12	2.12
L6	1.24	1.29	2.08	2.64	2.64
L7	0.90	0.90	1.80	4.00	4.00
L8	1.00	1.00	1.50	3.00	3.00
B1	2.17	2.24	2.39	2.54	3.68
B2	0.77	0.84	0.99	1.14	2.28
B3	1.37	1.44	1.59	1.74	2.88
B4	0.30	0.60	1.05	2.13	2.77
B5	0.30	0.30	0.45	0.75	1.50
B6	2.55	2.55	3.15	3.75	4.50
Nos. /D	1/225	1/300	1/450	1/600	2/600



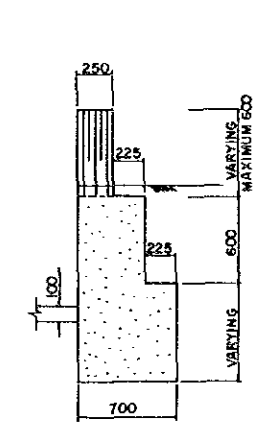
DETAIL AT INLET (E1) > (E2)
SCALE 1:50



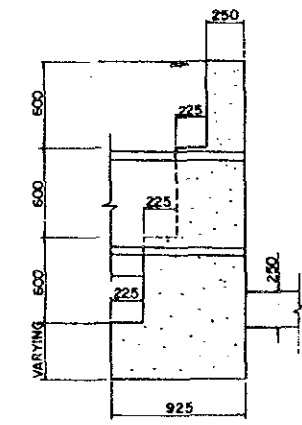
DETAIL AT INLET (E1) > (E2)
SCALE 1:50



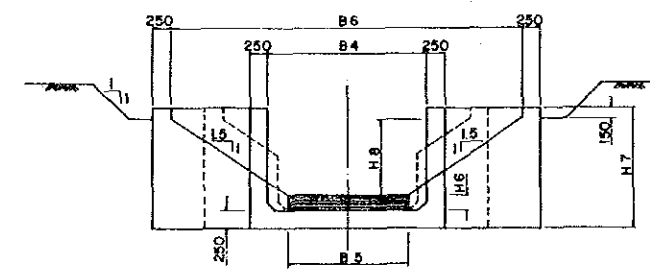
SECTION C-C
SCALE 1:60



SECTIONAL ELEVATION B-B
SCALE 1:50



SECTION D-D
SCALE 1:50



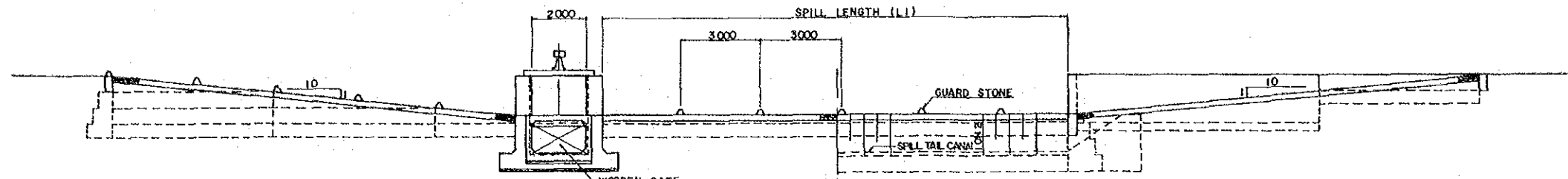
SECTIONAL ELEVATION E-E
SCALE 1:100

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
MINPE IRRIGATION SCHEME

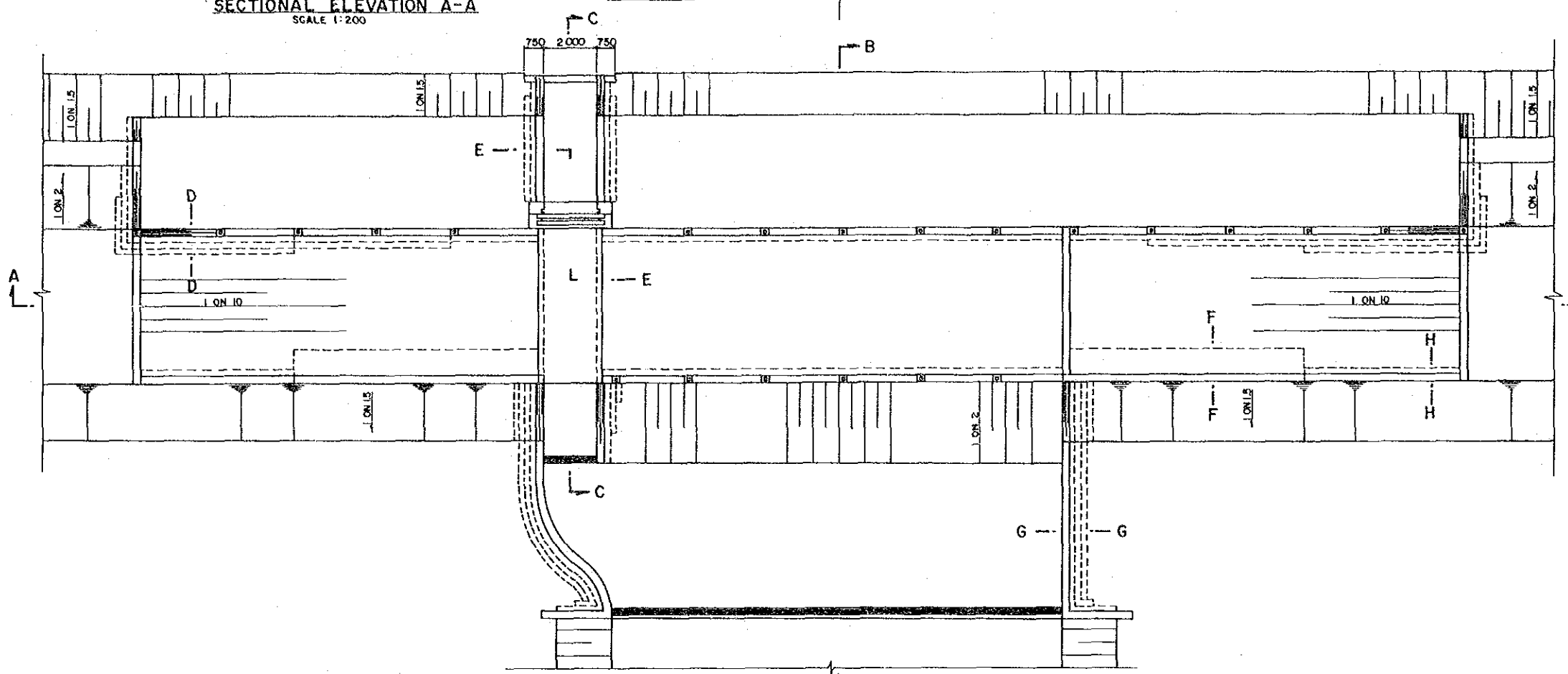
TURNOUT

DATE	MARCH 18, 1986	D.W.G. No.	05
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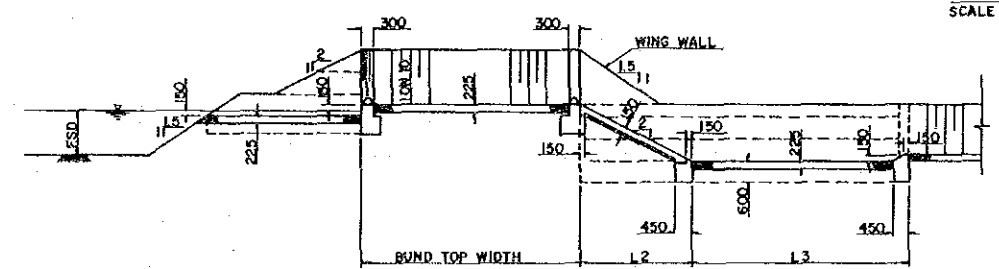
JAPAN INTERNATIONAL COOPERATION AGENCY



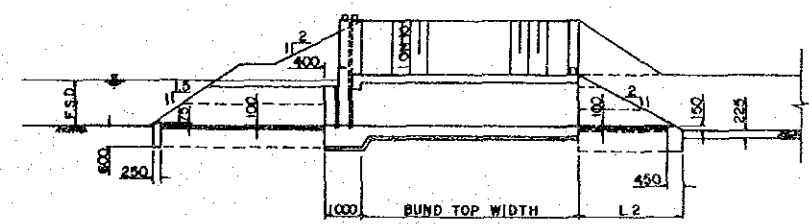
SECTIONAL ELEVATION A-A
SCALE 1:200



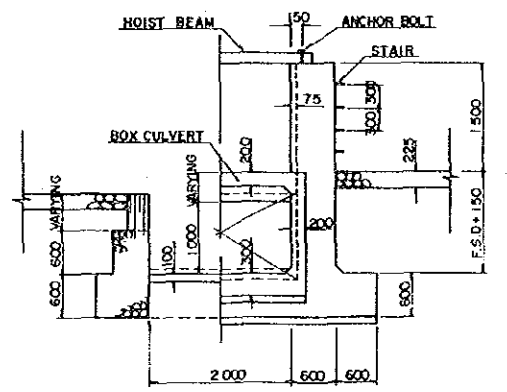
PLAN
SCALE 1:200



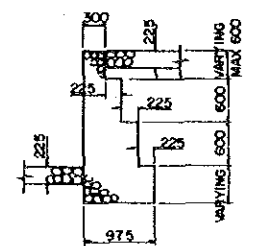
SECTIONAL ELEVATION B-B
SCALE 1:200



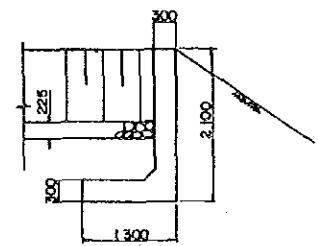
SECTIONAL ELEVATION C-C
SCALE 1:200



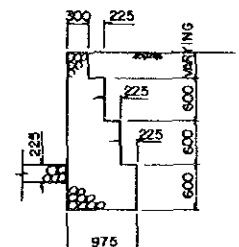
SECTION E-E
SCALE 1:100



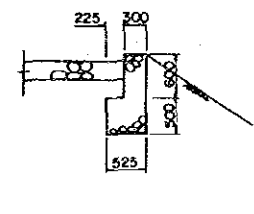
SECTION D-D
SCALE 1:100



SECTION F-F
SCALE 1:100

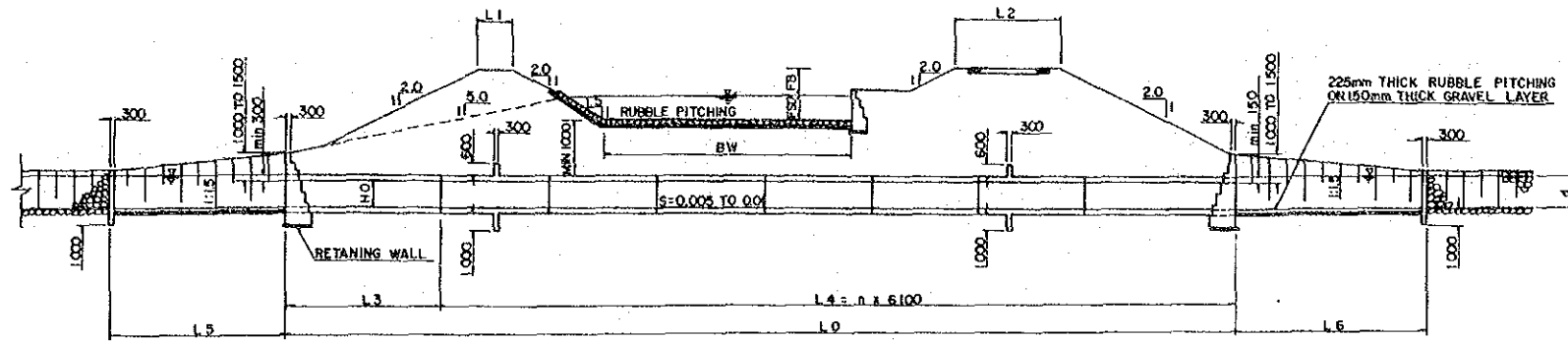


SECTION G-G
SCALE 1:100

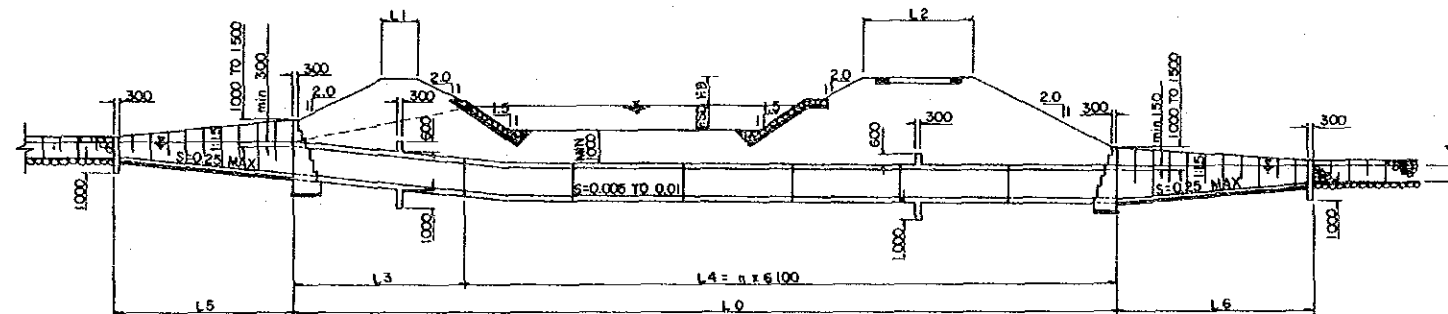


SECTION H-H
SCALE 1:100

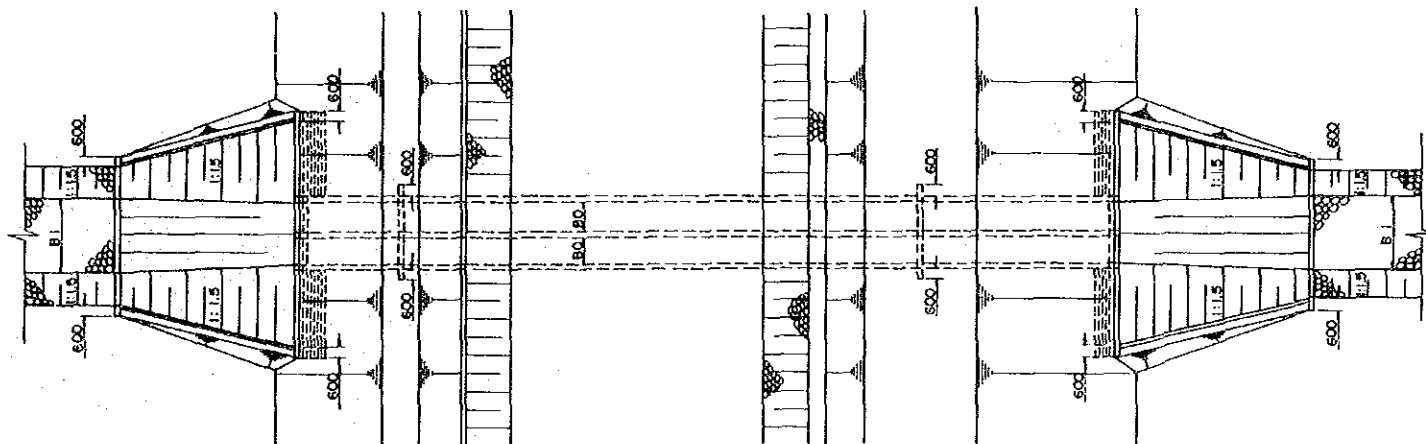
GOVERNMENT OF SRI LANKA		
MINISTRY OF LANDS AND LAND DEVELOPMENT		
REHABILITATION OF		
MINPE IRRIGATION SCHEME		
SPILL CUM CAUSEWAY		
WITH WASTEWAY		
DATE	MARCH 18, 1986	D.W.G. No.
		06
JAPAN INTERNATIONAL COOPERATION AGENCY		



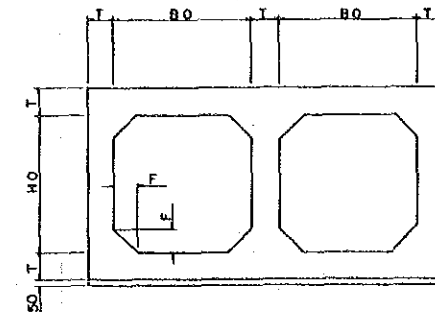
SECTIONAL ELEVATION (TYPE A)
SCALE 1:400



SECTIONAL ELEVATION (TYPE B)
SCALE 1:400



PLAN
SCALE 1:400



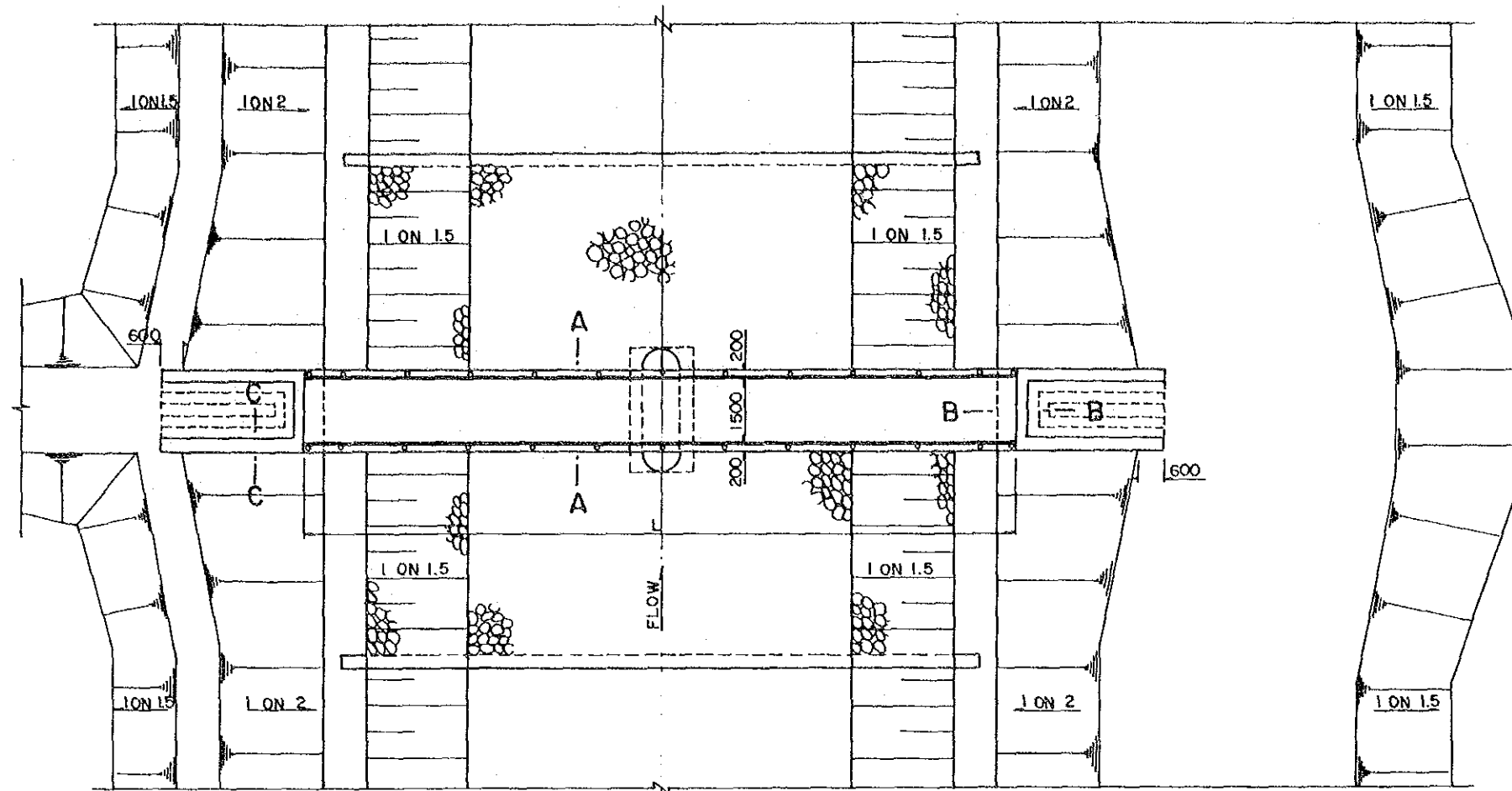
DISCHARGE (cumec)	SIZE (mm) No/Bo x Ho	T (mm)	F (mm)	L5 (mm)	L6 (mm)
≤ 0.5	1/600	-	-	5000	5000
≤ 1.0	2/600	-	-	5000	5000
≤ 2.0	1/1000 x 1000	225	150	5000	5000
≤ 4.5	1/1500 x 1500	225	200	5000	6000
≤ 8.0	1/2000 x 2000	300	200	7000	7000
≤ 10.0	2/1500 x 1500	225	200	10000	11000
≤ 16.0	2/2000 x 2000	300	200	13000	14000
≤ 24.0	3/2000 x 2000	300	200	20000	21000

DISCHARGE (cumec)	CANAL (m)		
	B1	min. d	max. slope
≤ 0.5	1.00	0.30	0.0080
≤ 1.0	1.50	0.30	0.0060
≤ 2.0	2.00	0.40	0.0050
≤ 4.5	2.50	0.50	0.0025
≤ 8.0	3.00	0.80	0.0015
≤ 10.0	4.00	0.90	0.0015
≤ 16.0	6.00	1.00	0.0015
≤ 24.0	10.00	1.00	0.0010

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
MINPE IRRIGATION SCHEME

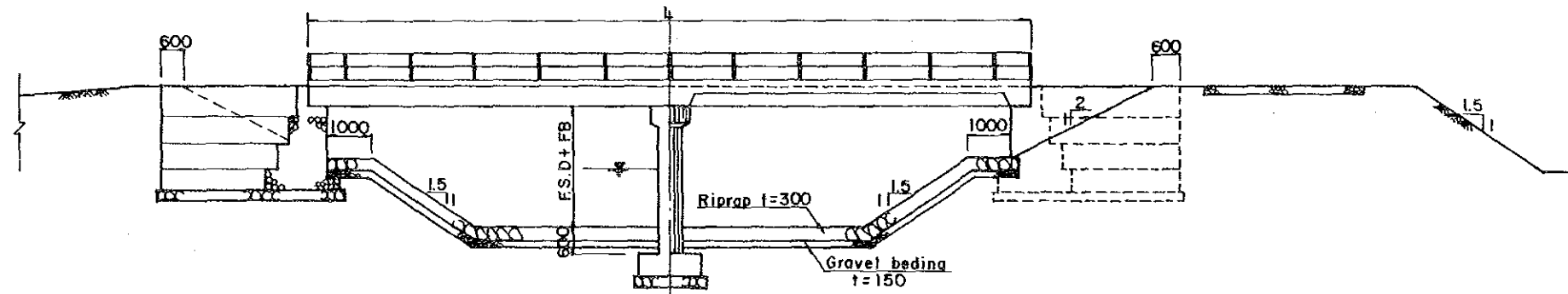
DRAINAGE UNDERCROSSING

DATE MARCH 18, 1986 D.W.G. No. 07
JAPAN INTERNATIONAL COOPERATION AGENCY

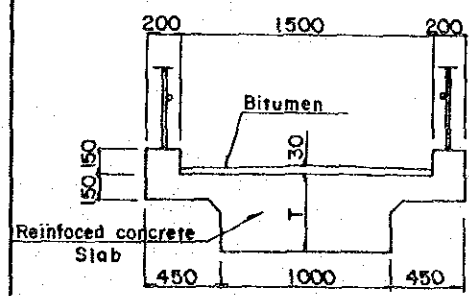
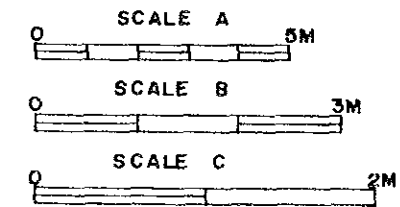


PLAN
SCALE A

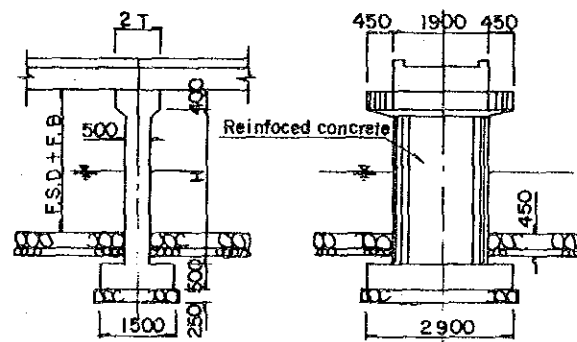
DIMENSIONS						
STAGE	I - 1	I - 2	II - 1	II - 2	III	IV
L	23.00	22.00	19.00	16.70	16.70	11.40
H	3.10	3.10	3.10	3.00	3.00	2.80
T	0.50	0.50	0.45	0.45	0.45	0.35
h	0.50	0.50	0.50	0.50	0.50	0.40



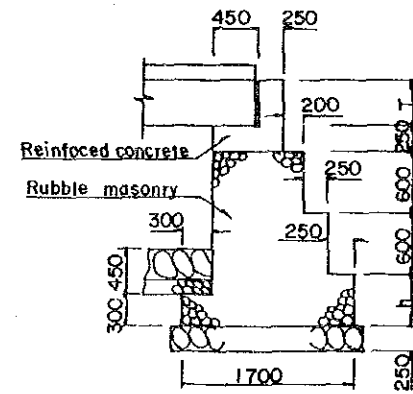
PROFILE
SCALE A



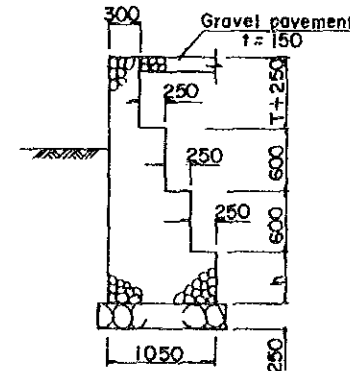
SECTION A-A
SCALE C



PIER
SCALE A



ABUTMENT B-B
SCALE B



SECTION C-C
SCALE B

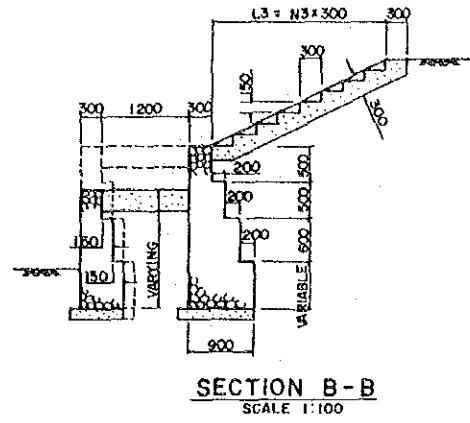
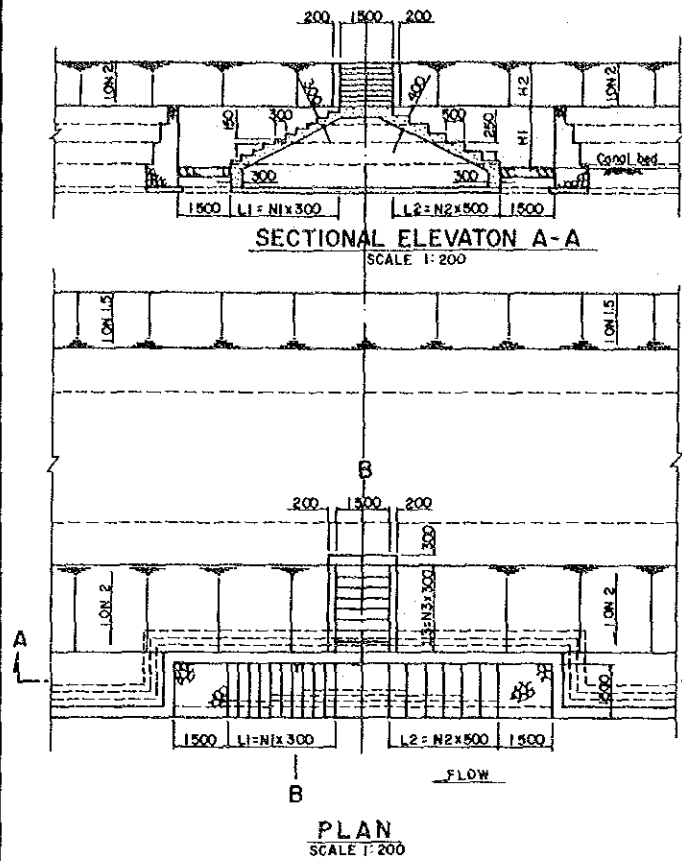
GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
MINPE IRRIGATION SCHEME

FOOT BRIDGE

DATE MARCH 18, 1985 D.W.G. No. 08

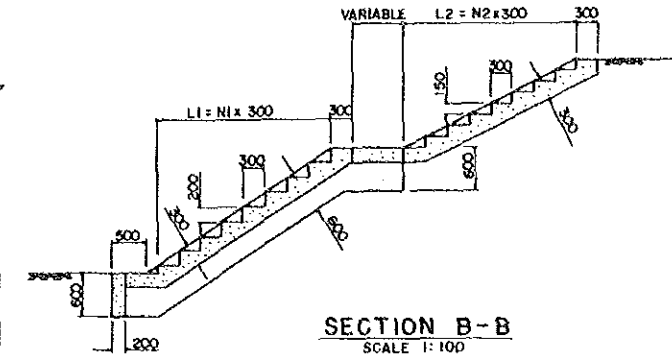
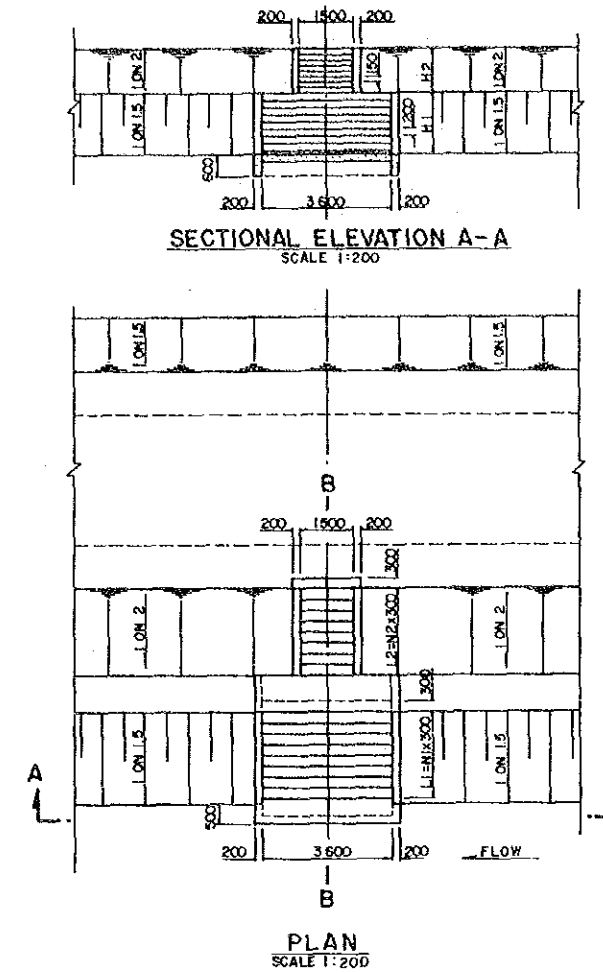
JAPAN INTERNATIONAL COOPERATION AGENCY

BATHING & WASHING PLACE (TYPE A)



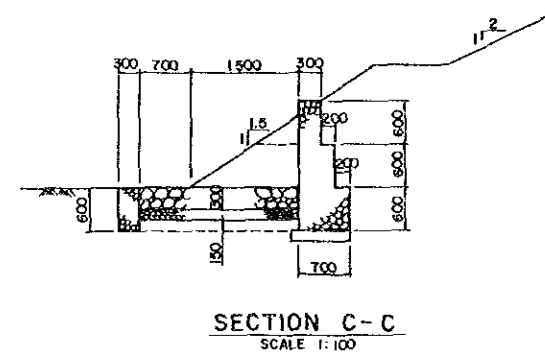
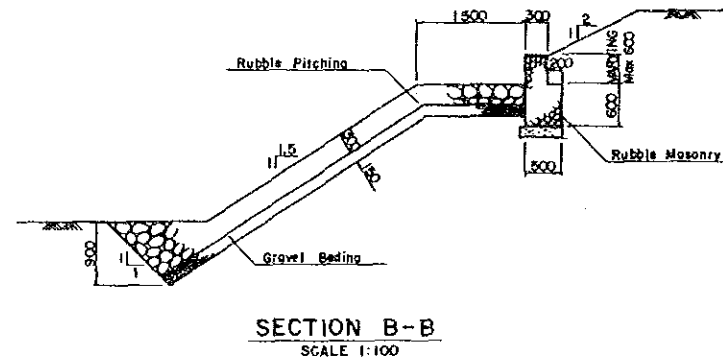
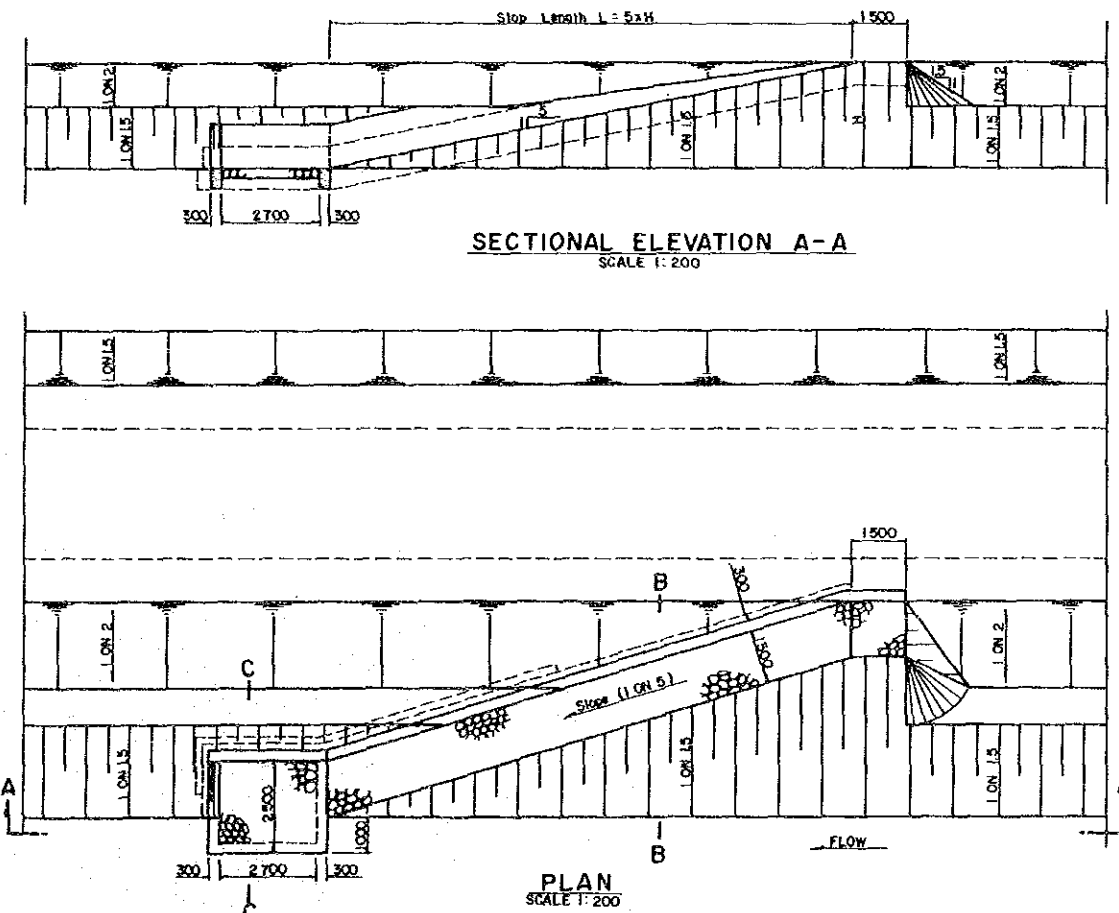
STAGE	H1	H2	L1	L2	L3	N1	N2	N3
I	1.70	1.20	3.30	3.00	2.40	11	6	8
II-1	1.60	1.20	3.00	3.00	2.40	10	6	8
II-2	1.60	1.20	3.00	3.00	2.40	10	6	8
IV	1.50	1.10	3.00	3.00	2.10	10	6	7

BATHING & WASHING PLACE (TYPE B)



STAGE	H1	H2	L1	L2	N1	N2
II-1	1.70	1.20	2.40	2.40	8	8
II-2	1.60	1.20	2.40	2.40	8	8
III	1.60	1.20	2.40	2.40	8	8
IV	1.50	1.10	2.10	2.10	7	7

ACCESS SLOPE FOR BUFFALOS



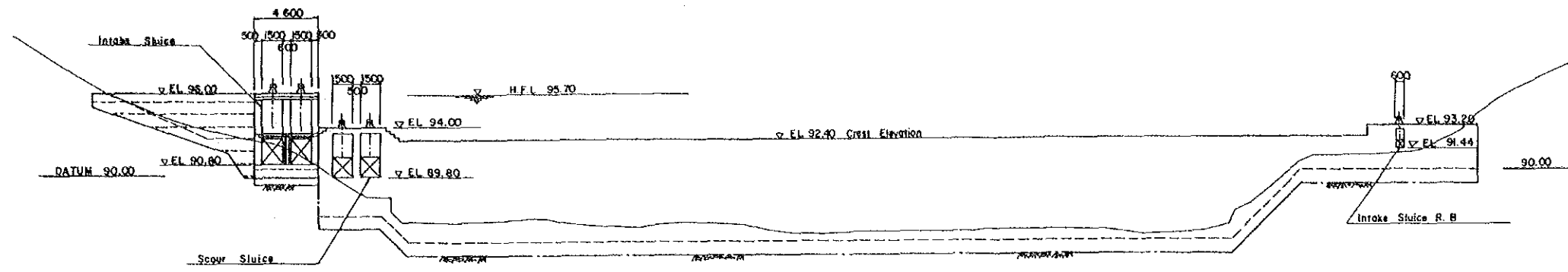
STAGE	H	L(Slope Length)
II-1	2.90	14.5
II-2	2.80	14.0
III	2.80	14.0
IV	2.60	13.0

GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 MINPE IRRIGATION SCHEME

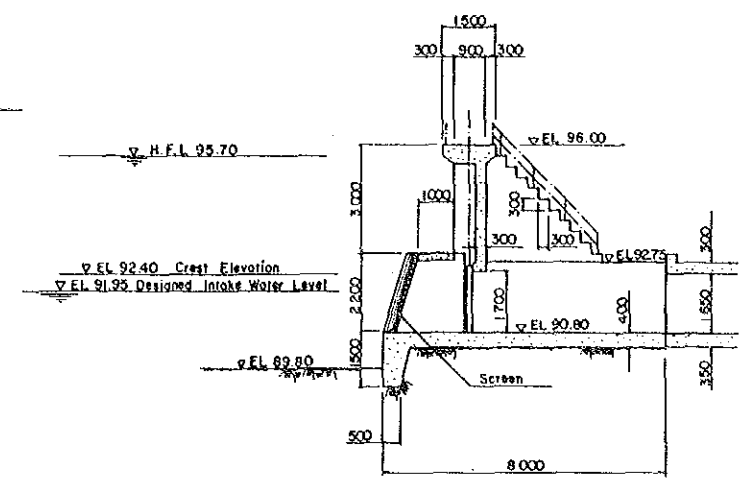
BATHING & WASHING PLACE

DATE MARCH 18, 1986 D.W.G. No. 09

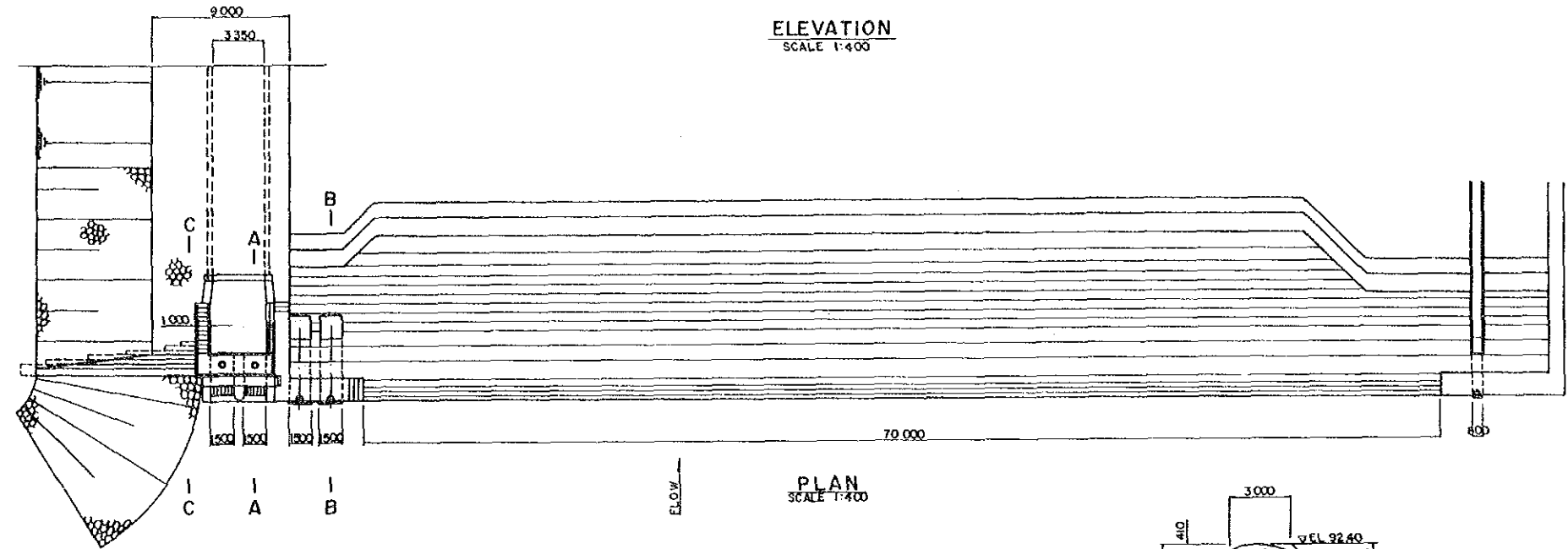
JAPAN INTERNATIONAL COOPERATION AGENCY



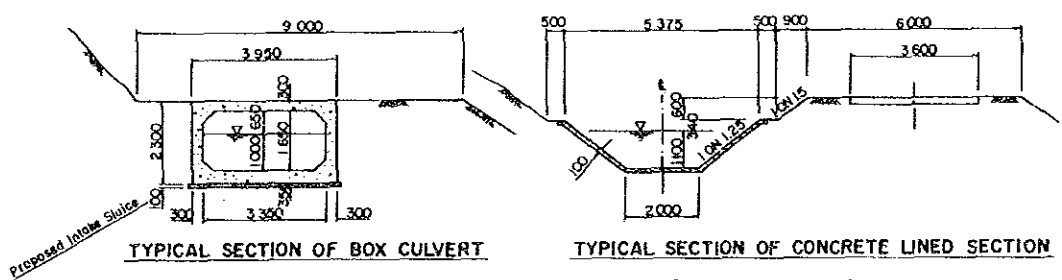
ELEVATION
SCALE 1:400



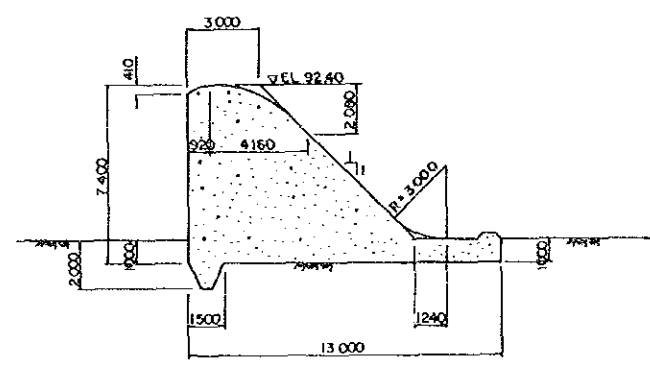
INTAKE SLUICE SECTION A-A
SCALE 1:200



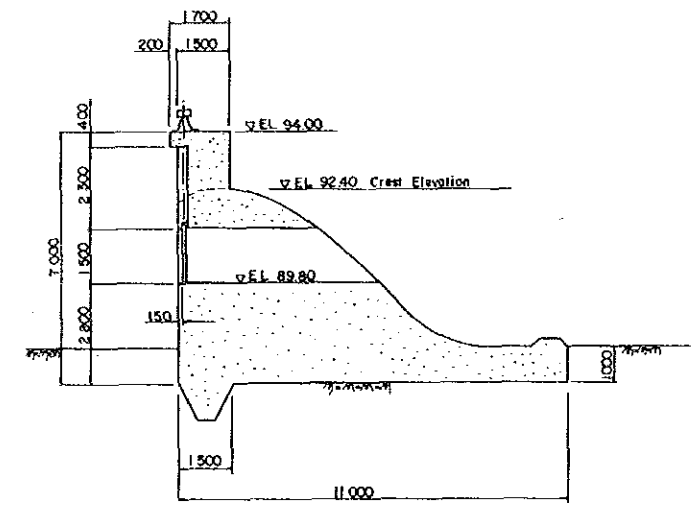
PLAN
SCALE 1:400



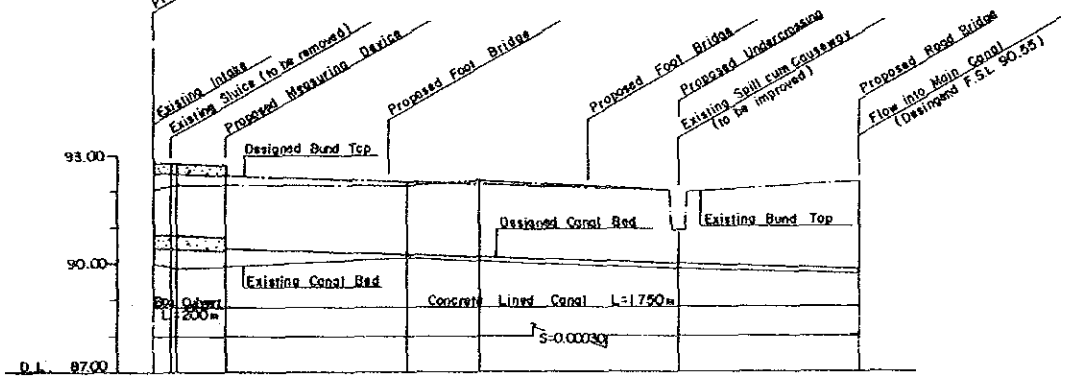
TYPICAL SECTION OF BOX CULVERT **TYPICAL SECTION OF CONCRETE LINED SECTION**



TYPICAL SECTION OF DIVERSION WEIR
SCALE 1:300

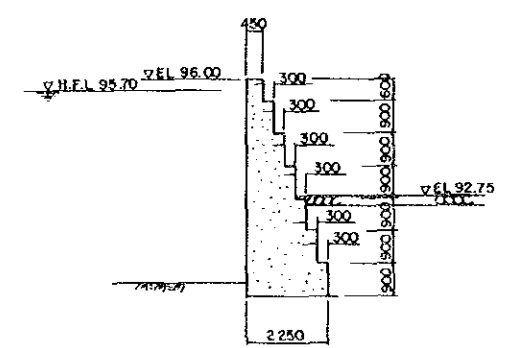


SCOUR SLUICE SECTION B-B
SCALE 1:200



PROFILE OF FEEDER CANAL

DESIGNED CANAL BED ELEV. (m)	90.00	90.75	90.81	90.84	90.87	90.96
EXISTING CANAL BED ELEV. (m)	90.00	90.15	90.15	90.01	90.17	90.28
STATION (m)	0+00	200.0	700.0	900.0	1400.0	1800.0



RETAINING WALL SECTION C-C
SCALE 1:200

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
MINPE IRRIGATION SCHEME

HEEN GANGA
INTAKE FACILITIES

DATE MARCH 18, 1986 D.W.G. No. 10
JAPAN INTERNATIONAL COOPERATION AGENCY

DRAWINGS

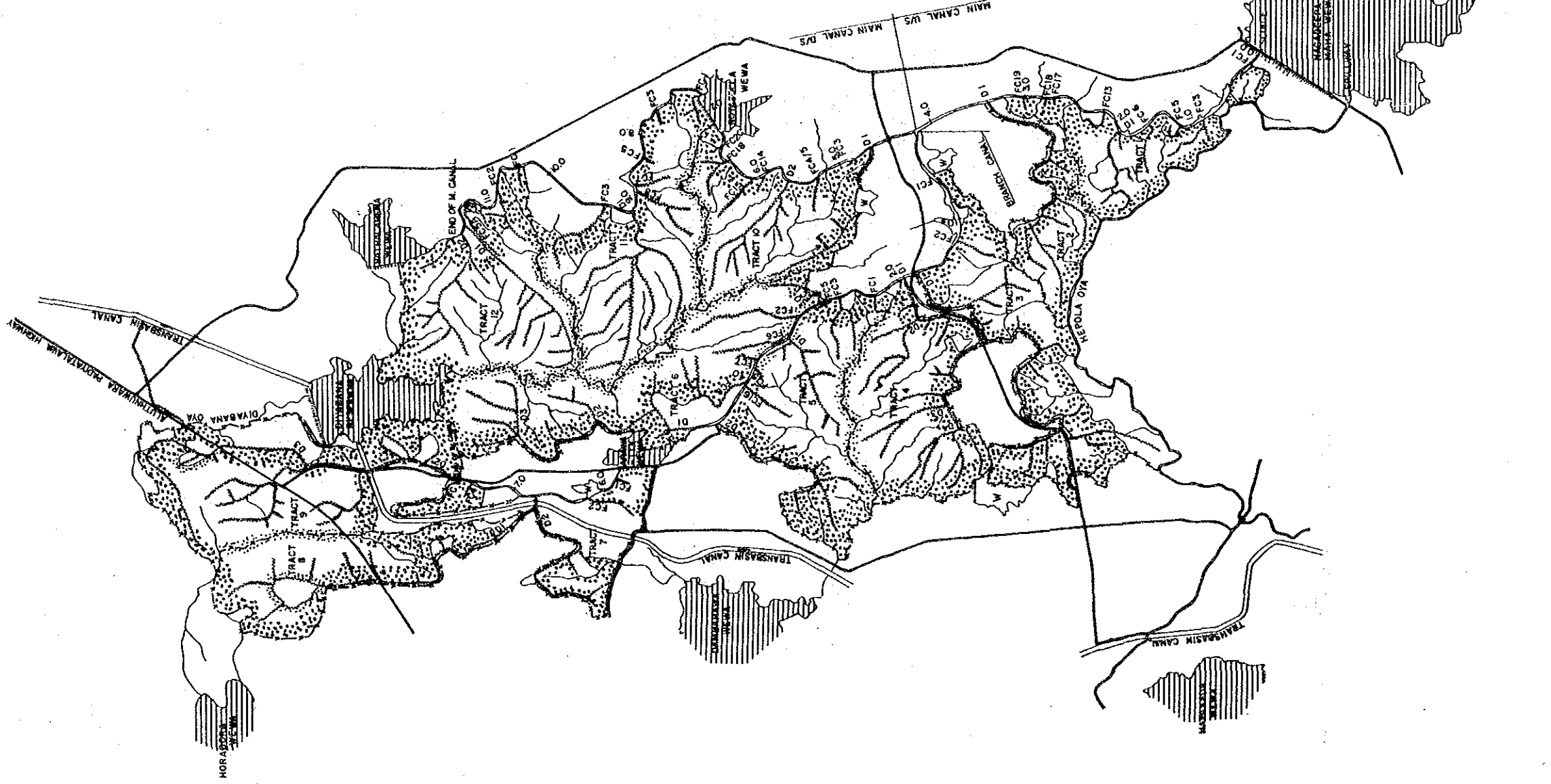
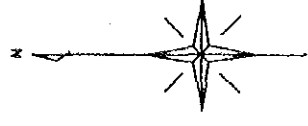
(NAGADEEPA SCHEME)

LIST OF DRAWINGS

<u>D.W.G. No.</u>	<u>Title</u>
01	Existing Irrigation System
02 - 1/2	Longitudial Section of Main Canal
02 - 2/2	Longitudial Section of Branch Canal
03	Flow Measuring Device
04	Gated Regulator with Drop
05	Turnout
06	Spill cum Causeway with Wasteway
07	Foot Bridge
08	Drainage Under Crossing
09	Bathing & Washing Place

IRRIGATION AREA

Tract No.	T/O Name	Irrigation Area Ha
Main Canal		
Tract 1		
FC 1		8.4
FC 3		13.1
FC 5		4.7
FC 6		11.2
D 1		42.9
FC 13		4.6
FC 17		4.6
FC 18		4.7
FC 19		6.1
Sub Total		97.3
Tract 2		
D 1		71.8
Tract 10		29.8
FC 3		2.8
FC 4/5		12.2
D 2		60.6
FC 14		2.8
FC 15		18.6
FC 18		12.0
FC 20		1.8
Sub Total		141.6
Tract 11		
FC 1		8.4
FC 3		13.0
FC 5		6.6
FC 7		6.6
FC 8		22.3
D 1		122.0
FC 23		22.4
Sub Total		201.3
Tract 12		
FC 1		5.6
FC 2		21.4
FC 5		2.8
FC 5A		5.8
D 1		66.1
D 2		78.3
FC 32		12.1
Sub Total		191.9
Branch Canal		
Tract 3		
FC 1		5.6
FC 2		15.9
D 1		132.7
Sub Total		154.2
Tract 4		
D 1		173.3
Tract 5		71.5
FC 1		7.5
FC 3		21.4
FC 5		7.5
D 1		53.1
FC 15		2.7
FC 16		16.8
D 2		76.4
Sub Total		185.4
Tract 6		
FC 1		9.3
FC 2		44.8
FC 6		16.8
FC 7		3.8
FC 9		27.1
D 1		126.5
Sub Total		228.3
Tract 7		
FC 1		4.7
FC 2		6.6
D 2		21.4
Sub Total		32.7
Tract 8		
D 1		142.5
Tract 9		
FC 4		3.7
FC		3.7
D 2		143.5
Sub Total		150.9
Main Canal Command Area		703.9
Branch Canal Command Area		1,047.3
Total		1,791.2



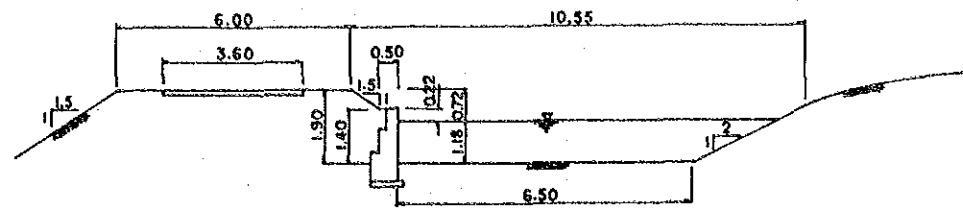
- LEGEND
- Irrigation Area
 - Main Canal
 - Distributory/Field Canal
 - Drainage Stream/River
 - Reservoir
 - Tract Boundary

GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 NAGADEEPA IRRIGATION SCHEME

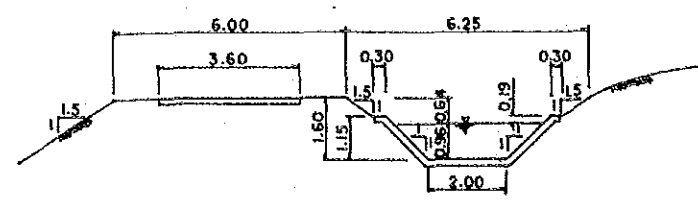
EXISTING IRRIGATION SYSTEM

DATE MARCH 18, 1986 D.W.G. No. 01

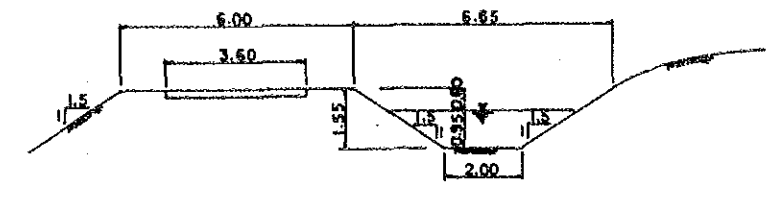
JAPAN INTERNATIONAL COOPERATION AGENCY



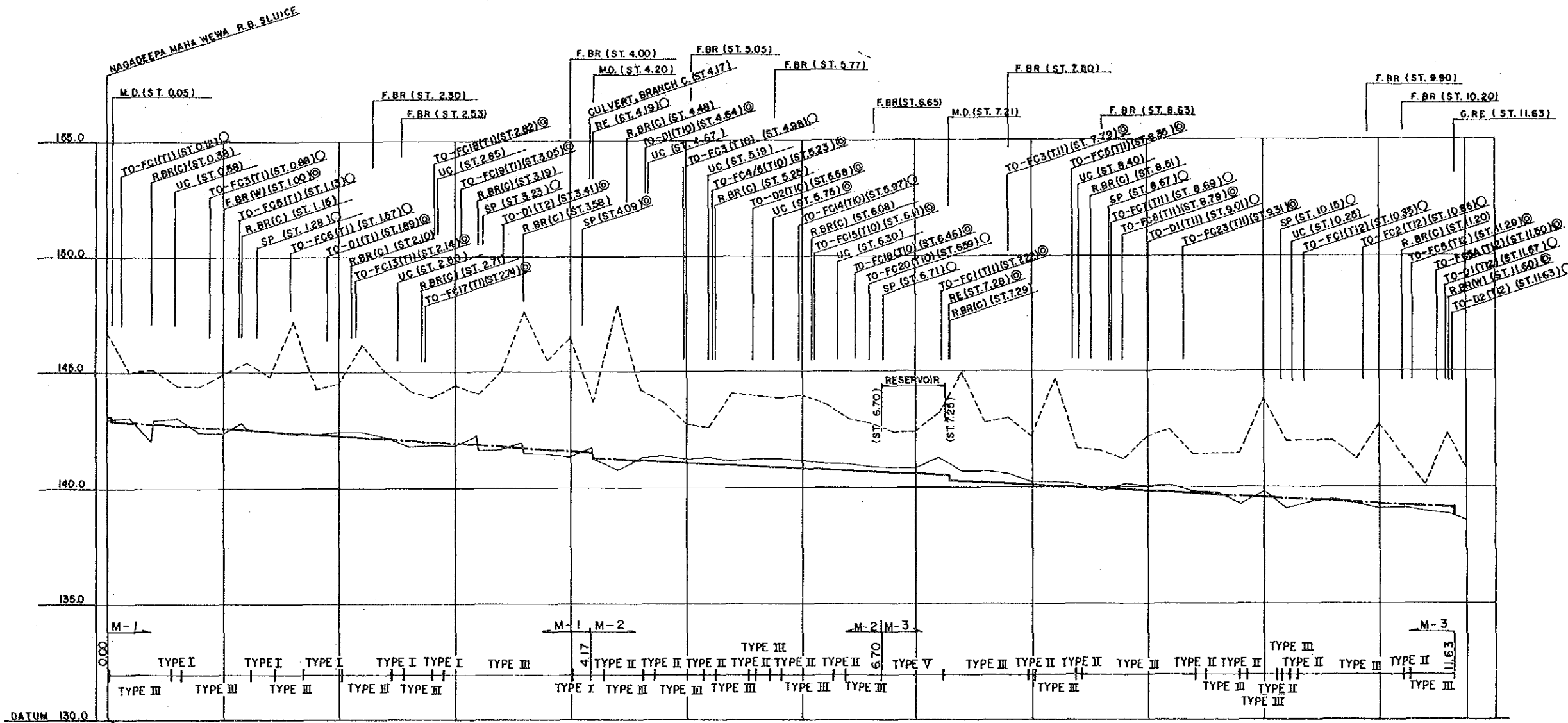
TYPICAL SECTION (M-1, TYPE I)



TYPICAL SECTION (M-2, TYPE II)

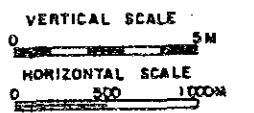


TYPICAL SECTION (M-3, TYPE III)



LEGEND

—	to be Newly Constructed
○	to be Repaired
⊙	to be Reconstructed
△	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G.RE	Gate Regulator
H.RE	H-beam Regulator
G.SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R.BR (c)	Bridge (Road / concrete)
R.BR (w)	Bridge (Road / wood)
F.BR (c)	Bridge (Foot / concrete)
F.BR (w)	Bridge (Foot / wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff



STATION (Km)	DESIGNED		EXISTING	
	BUND ELEVATION (m)	CANAL BED ELEVATION (m)	BUND ELEVATION (m)	CANAL BED ELEVATION (m)
0.000	148.80	143.00	142.84	142.84
1.000	144.90	142.56	142.39	142.39
2.000	144.90	142.23	142.44	142.44
3.000	144.40	141.80	141.84	141.84
4.000	146.50	141.56	141.33	141.33
4.700	146.50	141.56	141.33	141.33
4.200	146.50	141.56	141.33	141.33
5.000	142.90	141.09	141.26	141.26
6.000	144.00	140.84	141.20	141.20
6.700	140.57	140.57	140.57	140.57
7.000	142.40	140.38	140.85	140.85
7.390	142.36	140.32	140.32	140.32
8.000	142.20	140.14	140.85	140.85
9.000	142.20	139.84	140.05	140.05
10.000	142.90	139.64	139.80	139.80
11.000	142.70	139.29	139.07	139.29
11.820	140.80	138.24	138.82	138.82

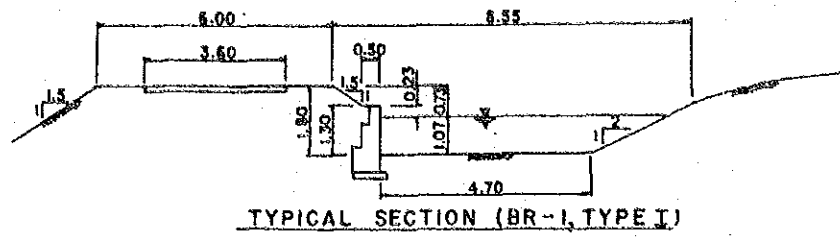
GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT

REHABILITATION OF
NAGADEEPA IRRIGATION SCHEME

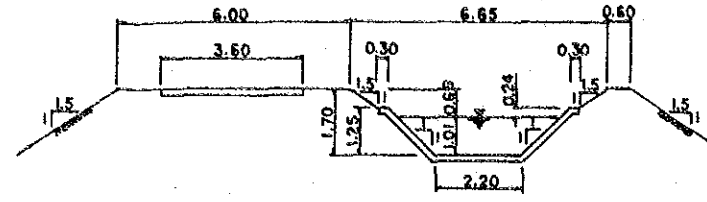
LONGITUDINAL SECTION
OF
MAIN CANAL

DATE MARCH 18, 1986 D.W.G. No. 02-1/2

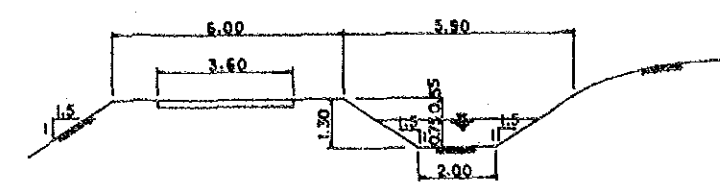
JAPAN INTERNATIONAL COOPERATION AGENCY



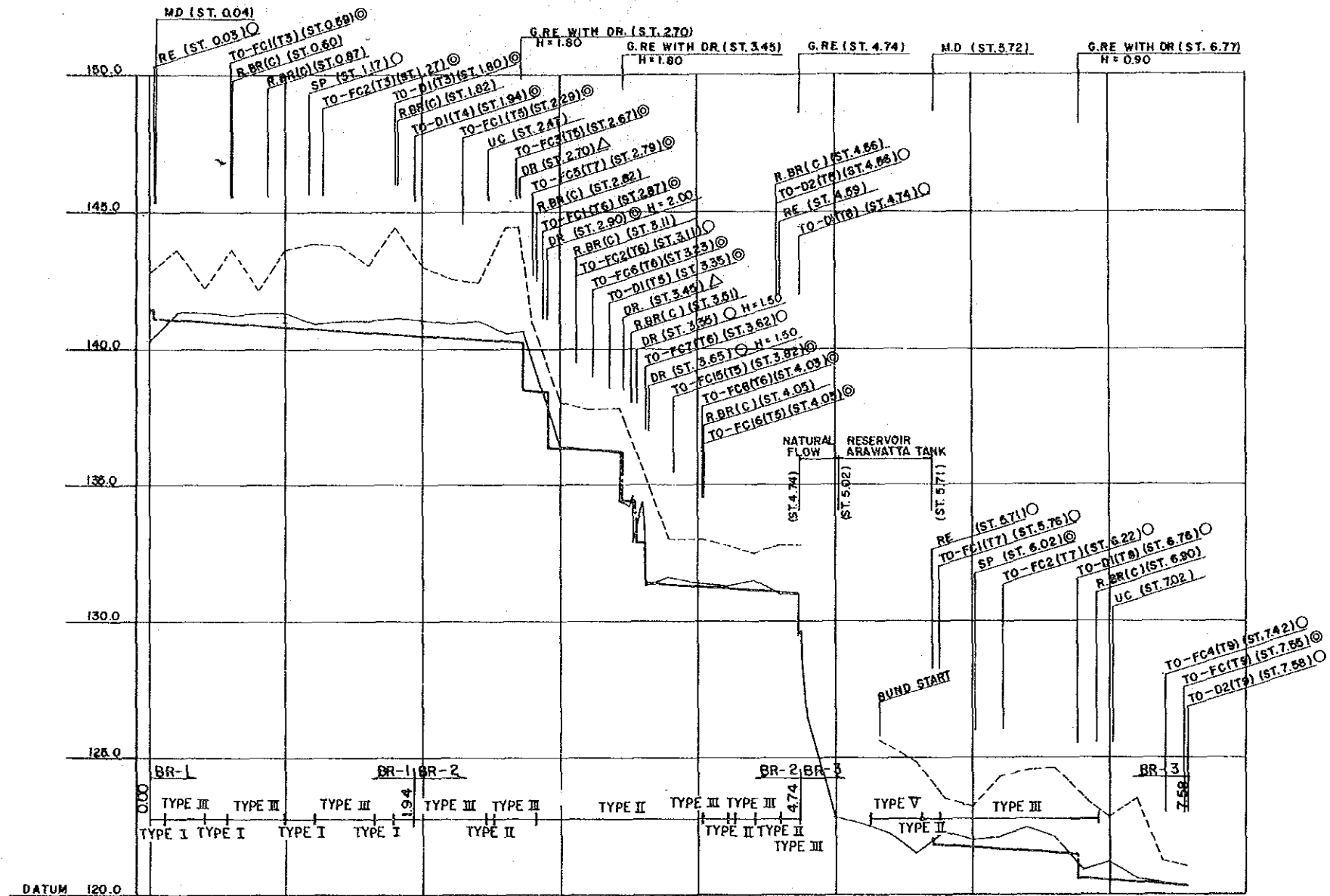
TYPICAL SECTION (BR-1, TYPE I)



TYPICAL SECTION (BR-2, TYPE II)

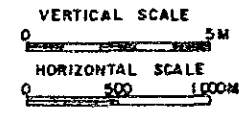


TYPICAL SECTION (BR-3, TYPE III)



LEGEND

—	to be Newly Constructed
○	to be Repaired
⊙	to be Reconstructed
△	to be Removed
M.D	Measuring Device
TO	Turnout in Main Canal
G.RE	Gate Regulator
H.RE	H-beam Regulator
G.SP	Gated Spillway
SP	Spillway
SY	Syphon
OC	Over Crossing
R.BR(c)	Bridge (Road /concrete)
R.BR(w)	Bridge (Road /wood)
F.BR(c)	Bridge (Foot /concrete)
F.BR(w)	Bridge (Foot /wood)
UC	Drainage Under Crossing
CL	Drain Culvert
G	Gauging staff

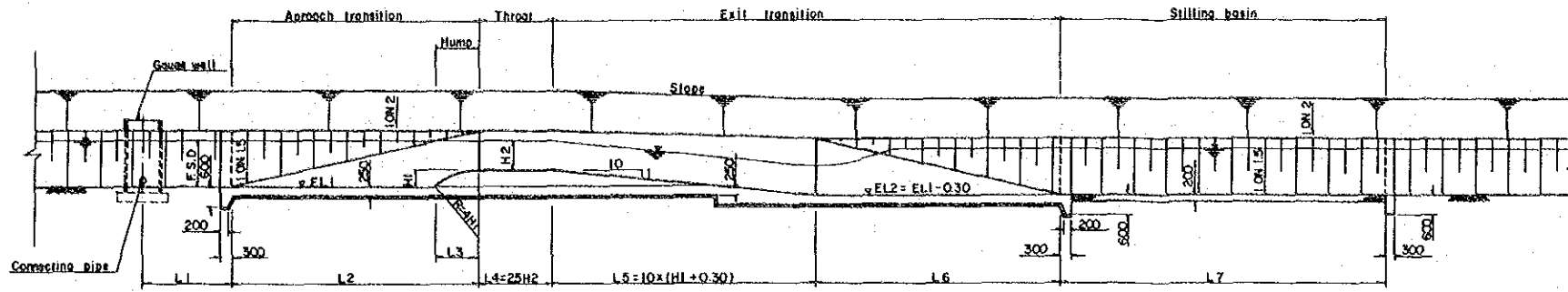


STATION (Km)	DESIGNED		EXISTING	
	BUND ELEVATION (m)	CANAL BED ELEVATION (m)	BUND ELEVATION (m)	CANAL BED ELEVATION (m)
0.00	142.80	141.50	142.80	141.50
1.00	143.50	142.20	143.50	142.20
2.00	143.50	140.51	143.50	140.51
2.70	140.27	138.40	140.27	138.40
2.90	138.40	136.40	138.40	136.40
3.00	136.40	136.37	136.40	136.37
3.40	136.32	134.32	136.32	134.32
3.50	134.32	132.32	134.32	132.32
3.60	132.32	130.32	132.32	130.32
4.00	131.21	128.21	131.21	128.21
4.74	131.00	128.00	131.00	128.00
5.00	122.00	120.00	122.00	120.00
5.70	122.00	120.00	122.00	120.00
5.72	120.00	118.00	120.00	118.00
6.00	125.20	123.20	125.20	123.20
6.70	125.20	123.20	125.20	123.20
7.00	125.20	123.20	125.20	123.20
7.58	120.25	118.25	120.25	118.25

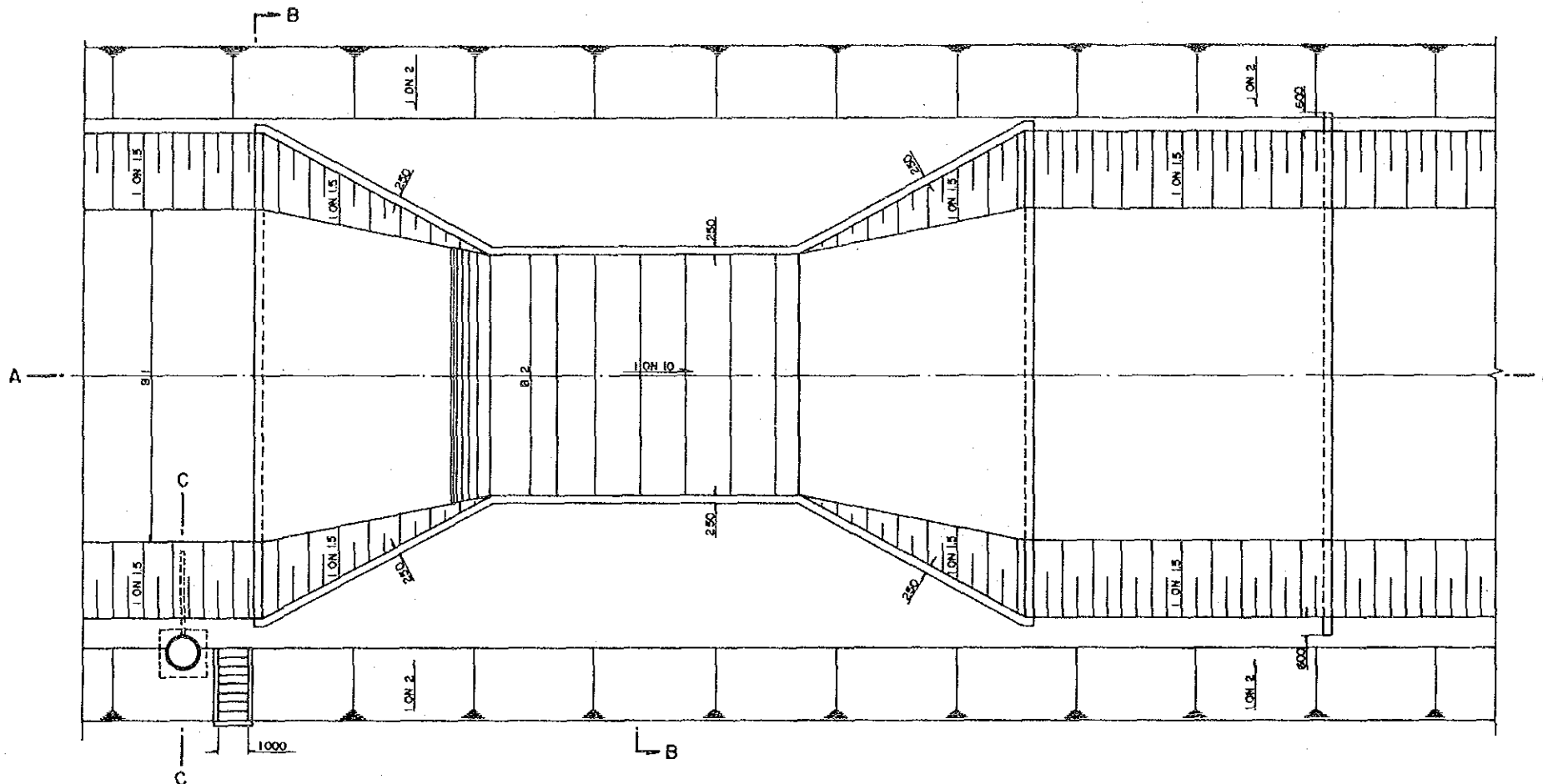
GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 NAGADEEPA IRRIGATION SCHEME

LONGITUDINAL SECTION
 OF
 BRANCH CANAL

DATE: MARCH 18, 1985 D.W.G. No. 02-2/2
 JAPAN INTERNATIONAL COOPERATION AGENCY



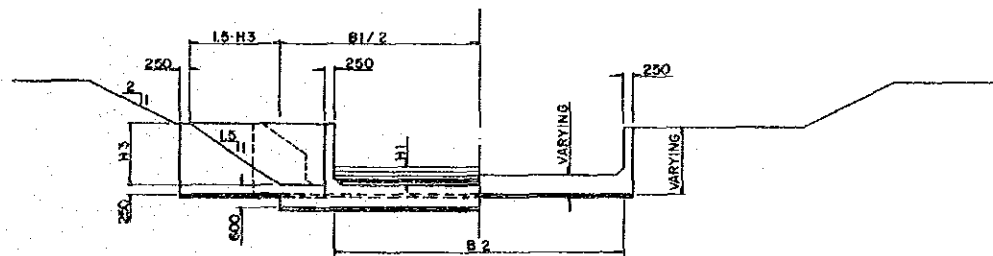
SECTIONAL ELEVATION A-A
SCALE 1:200



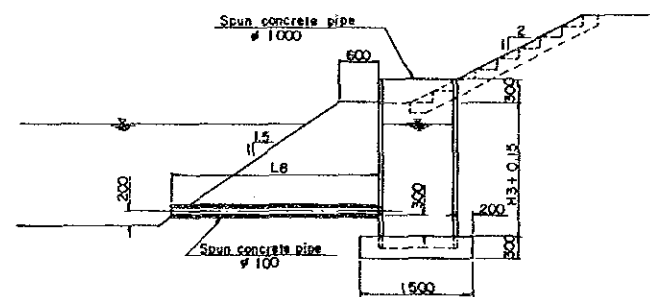
PLAN
SCALE 1:200

DIMENSIONS

SECTION	M - 1	M - 2	M - 3	BR - 1	BR - 3
F.S.D	1.01	0.81	0.77	0.95	0.70
Q (m ³ /s)	6.50	1.50	1.50	4.00	1.10
B1	9.00	2.50	2.00	3.50	1.50
B2	4.50	1.50	1.50	3.00	1.50
H1	0.11	0.11	0.07	0.10	0.13
H2	0.90	0.70	0.70	0.85	0.57
H3	1.25	1.00	0.95	1.20	0.85
L1	2.70	2.10	2.10	2.60	1.70
L2	11.00	5.00	5.00	5.00	3.50
L3	0.29	0.29	0.19	0.26	0.34
L4	2.25	1.75	1.75	2.13	1.43
L5	4.10	4.10	3.70	4.00	4.30
L6	11.00	5.00	5.00	5.00	3.50
L7	7.00	4.00	4.00	5.00	4.00
L8	1.70	1.40	1.40	1.60	1.30



SECTIONAL ELEVATION B-B
SCALE 1:200



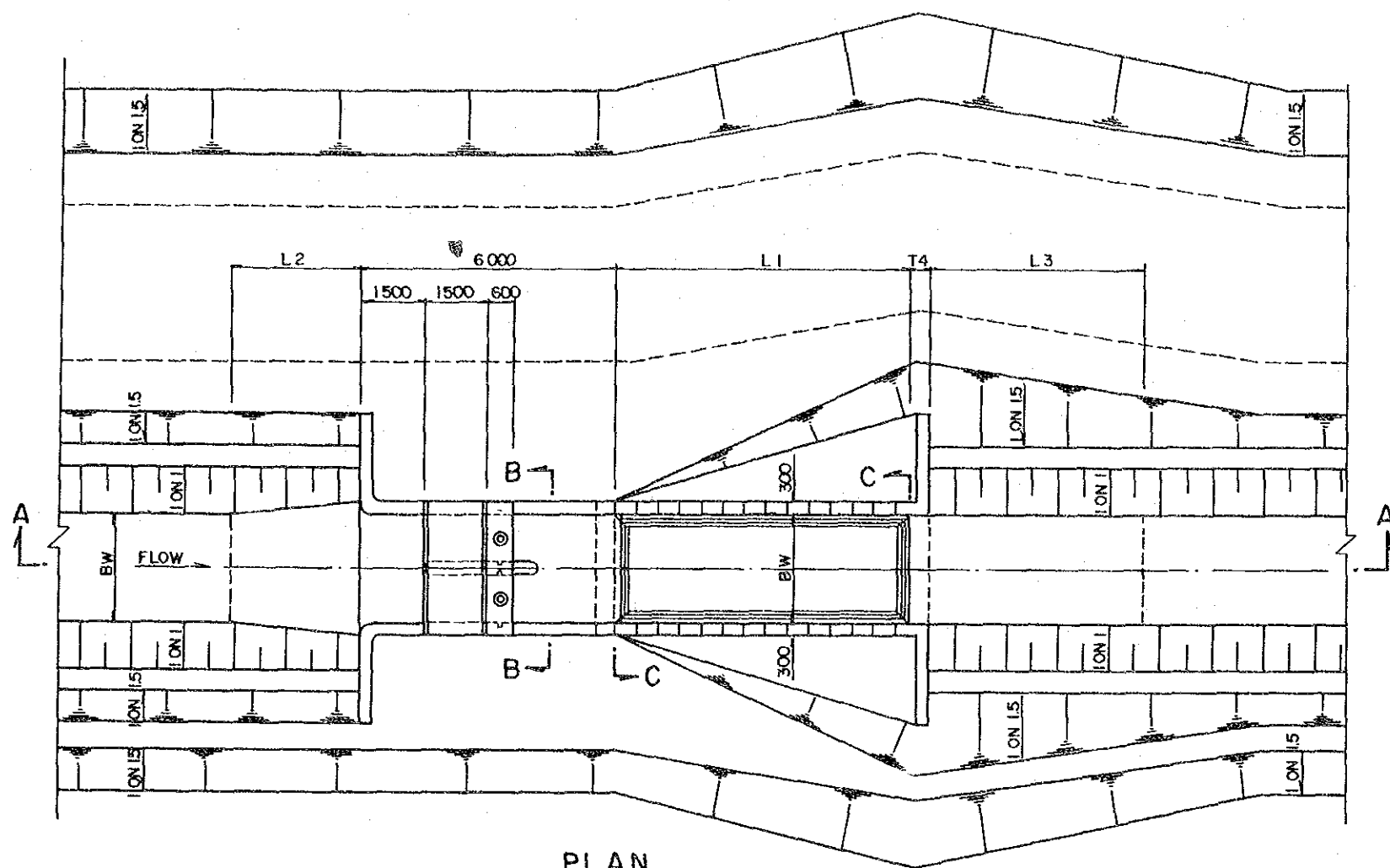
DETAIL OF GAUGE WELL C-C
SCALE 1:100

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
NAGADEEPA IRRIGATION SCHEME

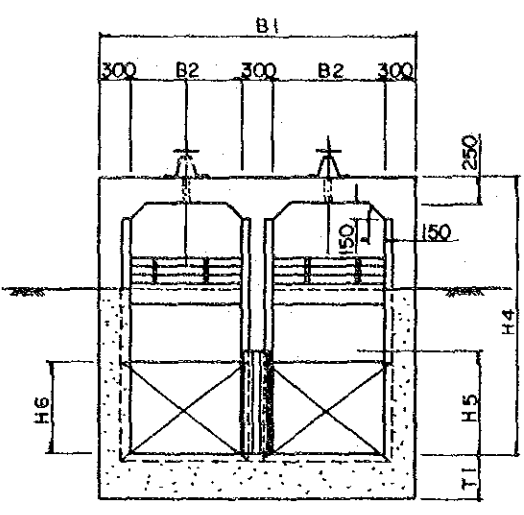
FLOW-MEASURING DEVICE

DATE MARCH 18, 1986 D.W.G. No. 03

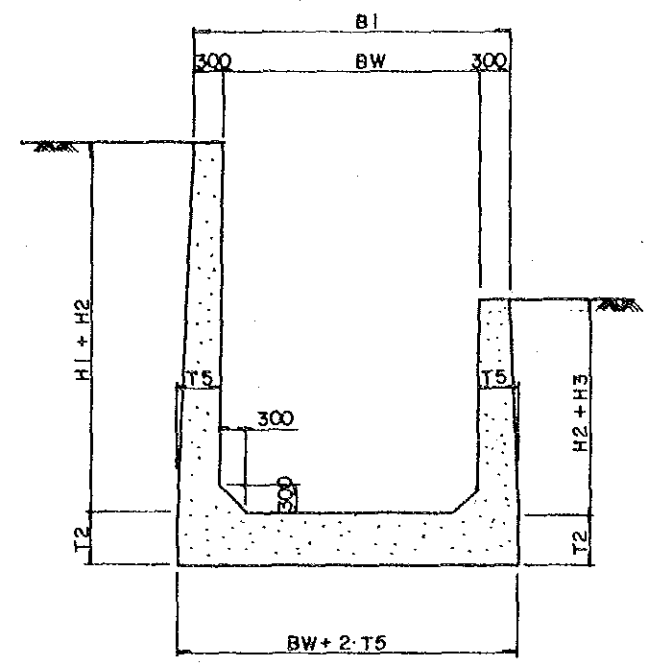
JAPAN INTERNATIONAL COOPERATION AGENCY



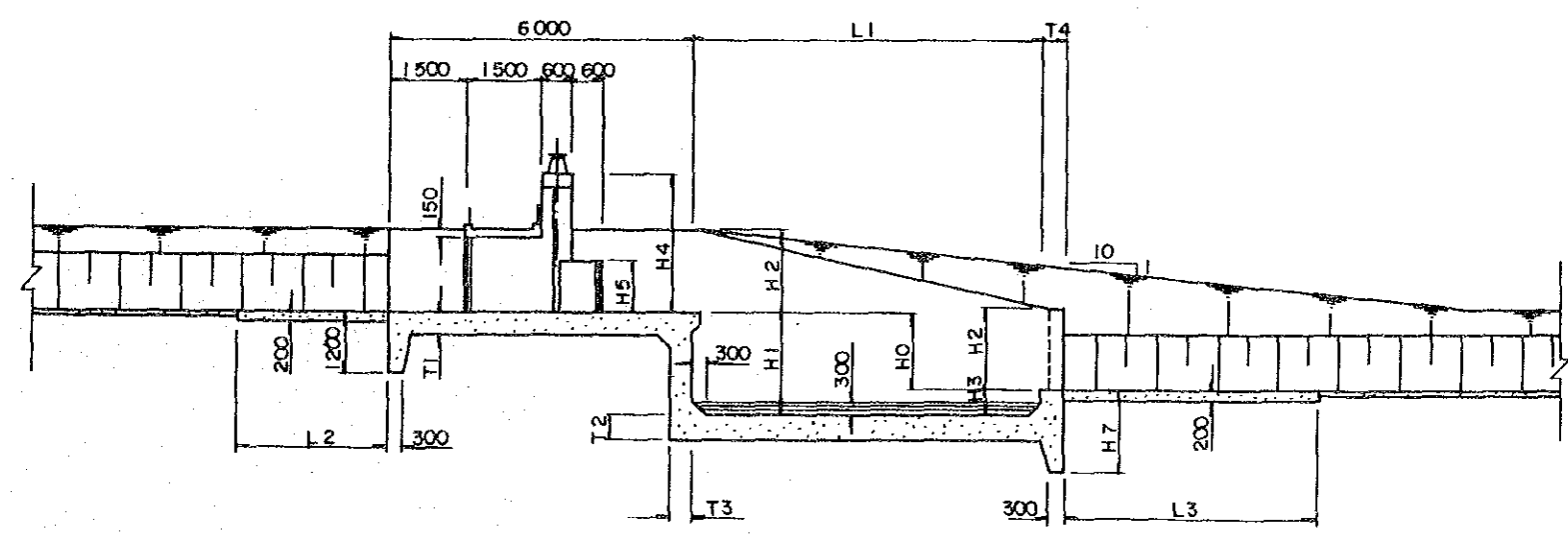
PLAN
SCALE A



SECTION B-B
SCALE B



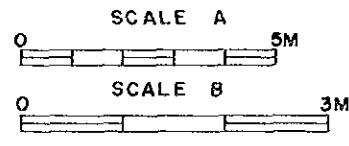
SECTION C-C
SCALE B



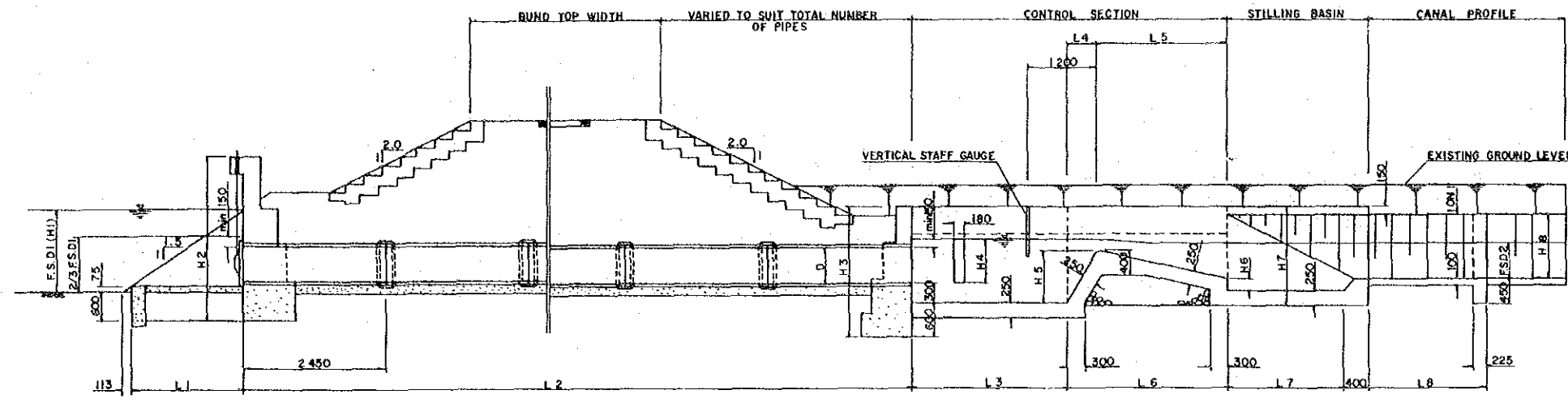
SECTIONAL ELEVATION A-A
SCALE A

DIMENSIONS

SECTION	M - 1	BR - 2		BR - 3
		(with Drop)	(with Drop)	(with Drop)
BW	3.50	2.50	2.50	2.50
B1	4.10	3.10	3.10	3.10
B2	1.60	1.10	1.10	1.10
H0	-	-	1.80	0.90
H1	-	-	2.30	1.30
H2	1.35	1.60	1.60	1.25
H3	-	-	0.50	0.40
H4	2.50	2.80	2.80	2.40
H5	0.90	1.05	1.05	0.85
H6	0.74	0.90	0.90	0.68
H7	-	-	1.60	1.40
L1	-	-	8.00	5.00
L2	3.00	3.00	3.00	3.00
L3	3.00	3.00	5.00	5.00
T1	0.45	0.45	0.45	0.45
T2	-	-	0.50	0.45
T3	-	-	0.45	0.40
T4	-	-	0.40	0.30
T5	-	-	0.40	0.35



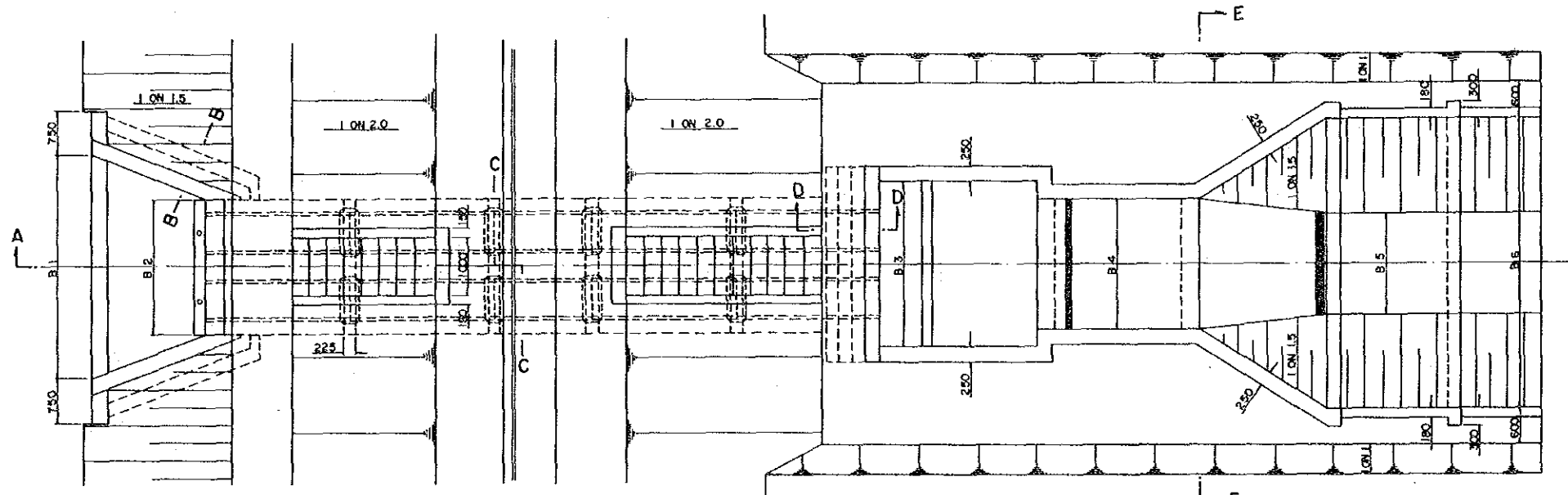
GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 NAGADEEPA IRRIGATION SCHEME
 GATED REGULATOR WITH DROP
 DATE MARCH 18, 1986 D.W.G. No. 04
 JAPAN INTERNATIONAL COOPERATION AGENCY



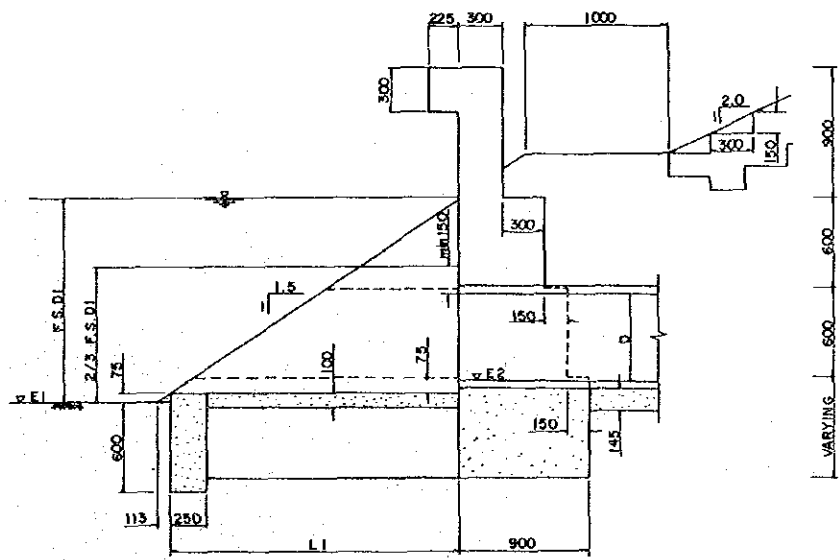
SECTIONAL ELEVATION A-A
SCALE 1:100

DIMENSIONS

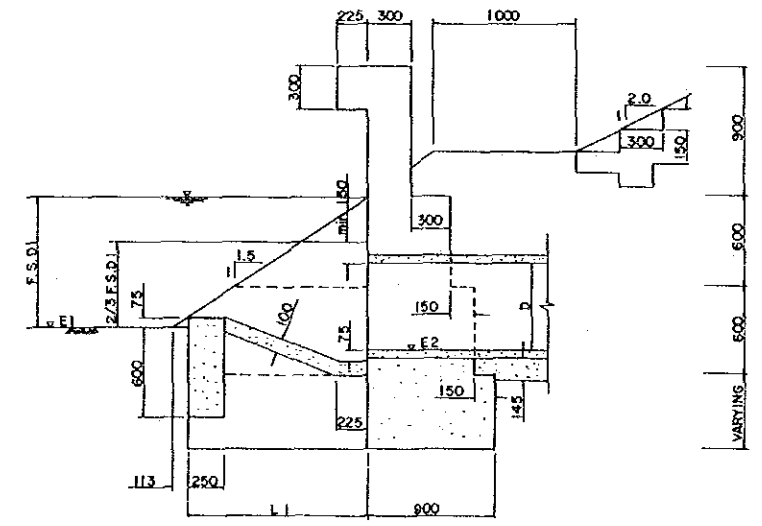
DISCHARGE (m ³ /s)	Q = 0.030	Q = 0.060	Q = 0.015	Q = 0.300	Q = 0.500
H1 (FSD1)	1.00	1.00	1.00	1.00	1.00
H2	2.12	2.19	2.34	2.62	2.62
H3	1.83	1.90	2.05	2.20	2.20
H4	0.38	0.45	0.60	0.75	0.75
H5	0.53	0.60	0.75	0.90	0.90
H6	0.15	0.15	0.15	0.20	0.20
H7	1.15	1.15	1.30	1.40	1.40
H8	0.75	0.75	0.90	1.00	1.00
L1	1.20	1.20	1.20	1.20	1.20
L2	9.80	9.80	9.80	9.80	9.80
L3	1.98	1.98	2.58	3.18	3.18
L4	0.30	0.35	0.43	0.52	0.52
L5	0.94	0.94	1.65	2.12	2.12
L6	1.24	1.29	2.08	2.64	2.64
L7	0.90	0.90	1.80	4.00	4.00
L8	1.00	1.00	1.50	3.00	3.00
B1	1.60	1.70	1.85	2.00	2.00
B2	0.77	0.84	0.99	1.14	2.28
B3	1.37	1.44	1.59	1.74	2.08
B4	0.30	0.60	1.05	2.13	2.77
B5	0.30	0.30	0.45	0.75	1.50
B6	2.55	2.55	3.15	3.75	4.50
Nos./D	1/225	1/300	1/450	1/600	2/600



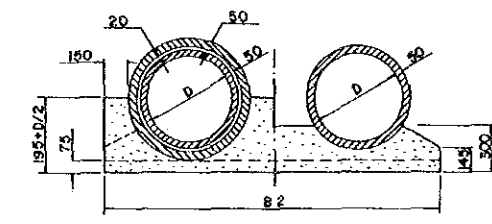
PLAN
SCALE 1:100



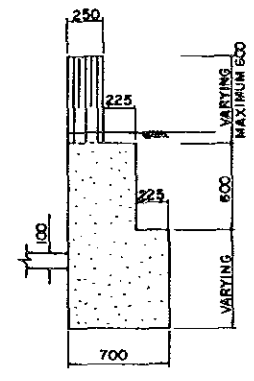
DETAIL AT INLET (E1 < E2)
SCALE 1:50



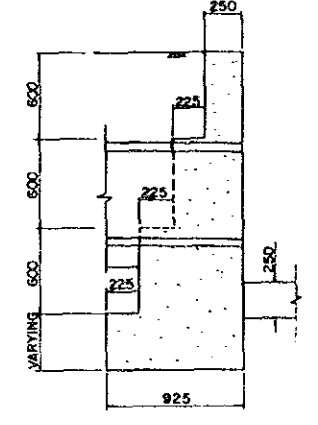
DETAIL AT INLET (E1 > E2)
SCALE 1:50



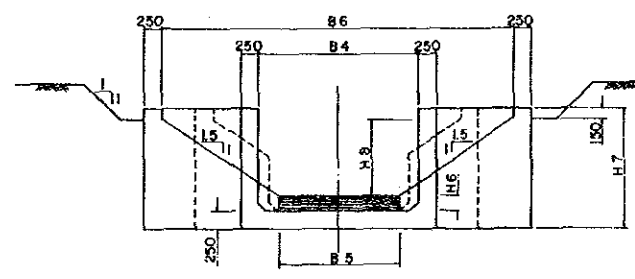
SECTION C-C
SCALE 1:60



SECTIONAL ELEVATION B-B
SCALE 1:50



SECTION D-D
SCALE 1:50



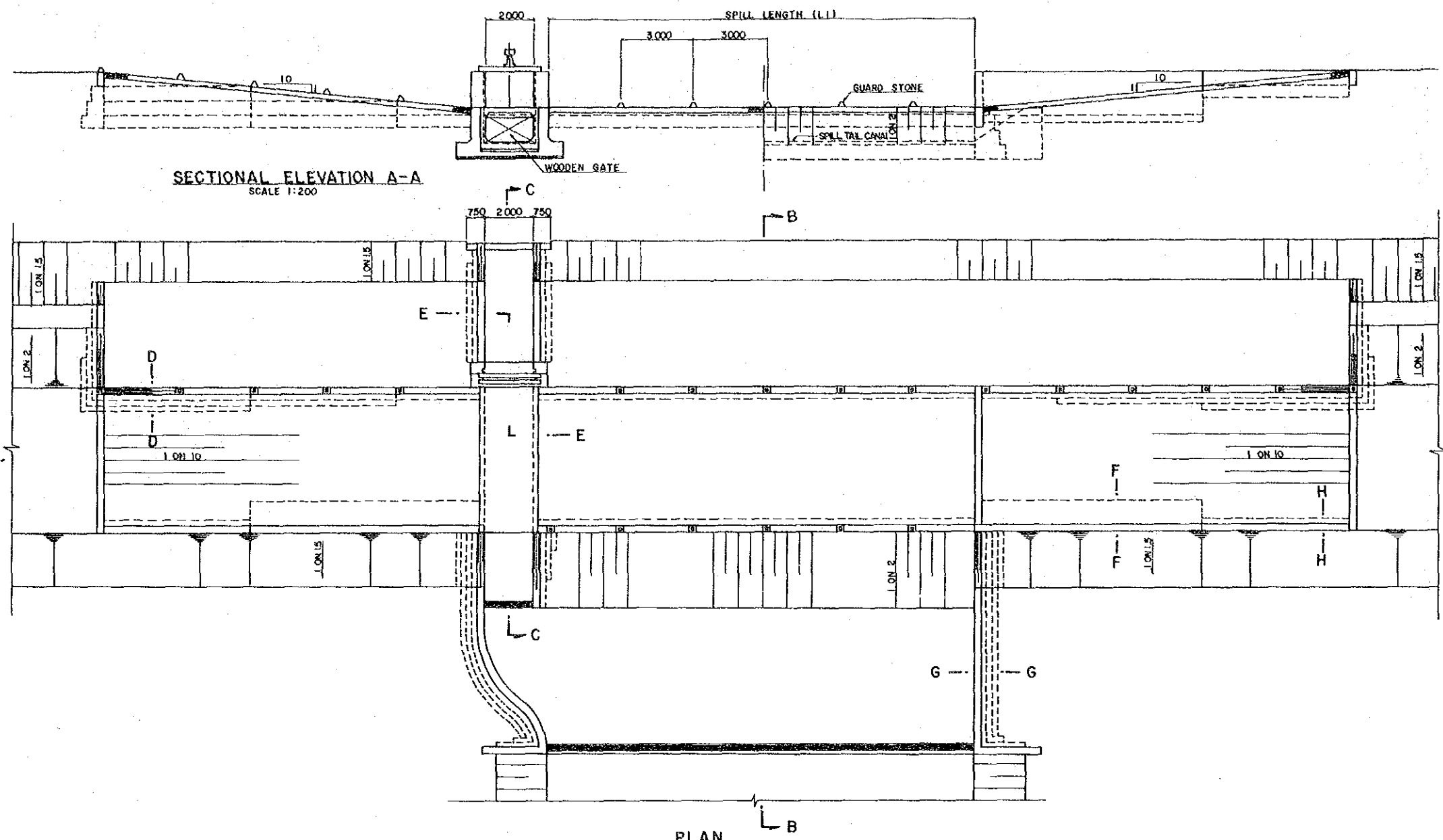
SECTIONAL ELEVATION E-E
SCALE 1:100

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
NAGADEEPA IRRIGATION SCHEME

TURNOUT

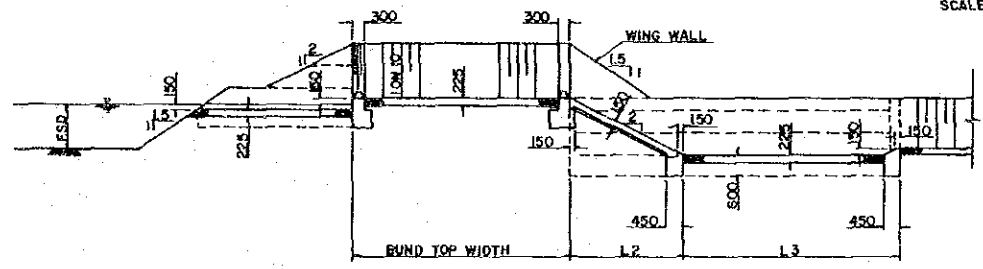
DATE	MARCH 18, 1986	D.W.G. No.	05
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JAPAN INTERNATIONAL COOPERATION AGENCY

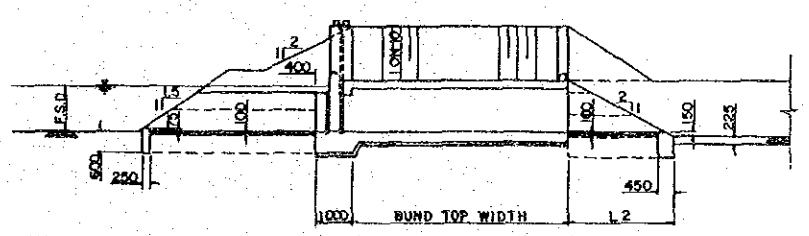


SECTIONAL ELEVATION A-A
SCALE 1:200

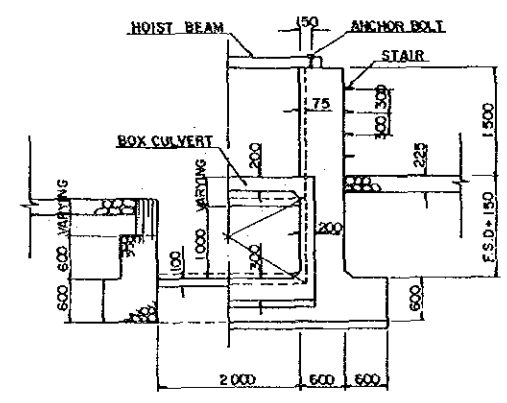
PLAN
SCALE 1:200



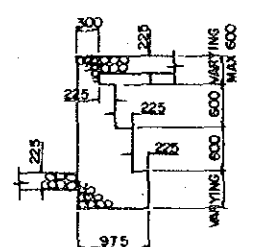
SECTIONAL ELEVATION B-B
SCALE 1:200



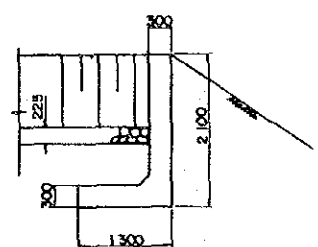
SECTIONAL ELEVATION C-C
SCALE 1:200



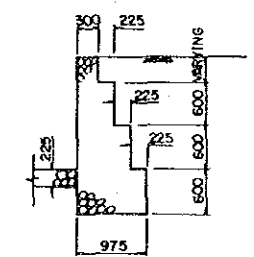
SECTION E-E
SCALE 1:100



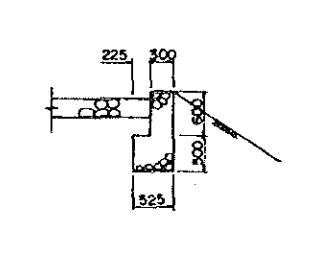
SECTION D-D
SCALE 1:100



SECTION F-F
SCALE 1:100

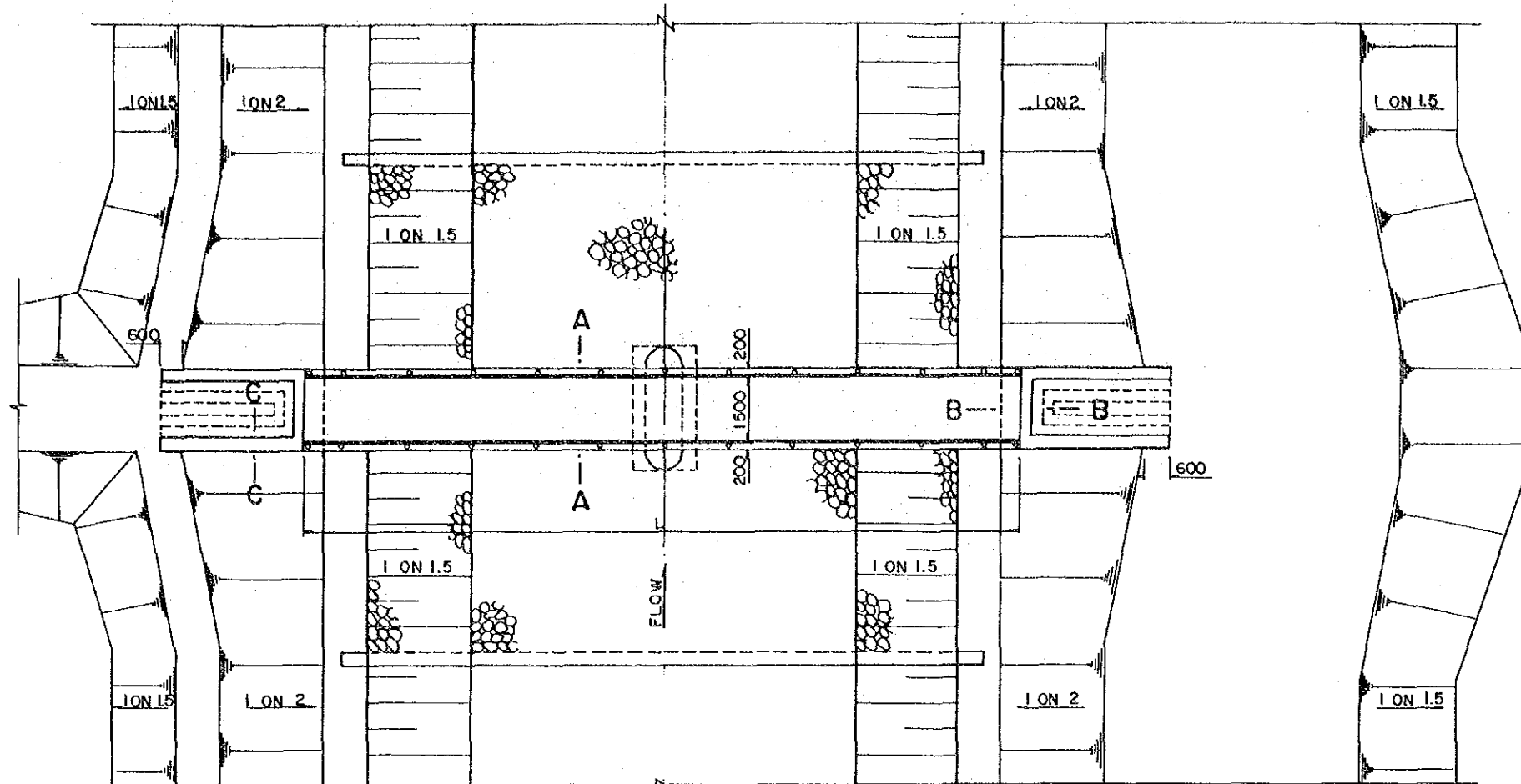


SECTION G-G
SCALE 1:100



SECTION H-H
SCALE 1:100

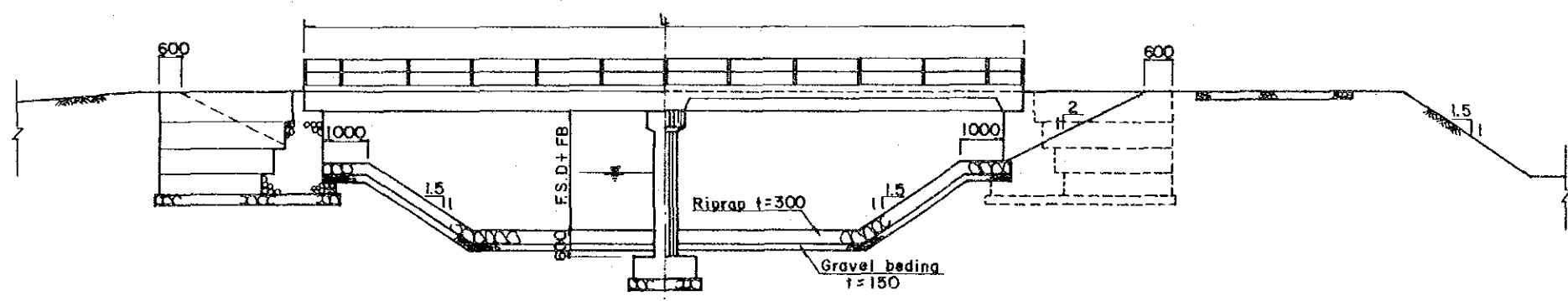
GOVERNMENT OF SRI LANKA		
MINISTRY OF LANDS AND LAND DEVELOPMENT		
REHABILITATION OF		
NAGADEEPA IRRIGATION SCHEME		
SPILL CUM CAUSEWAY		
WITH WASTEWAY		
DATE	MARCH 18, 1986	D.W.G. No. 06
JAPAN INTERNATIONAL COOPERATION AGENCY		



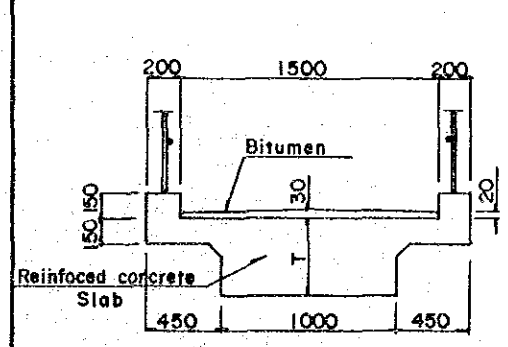
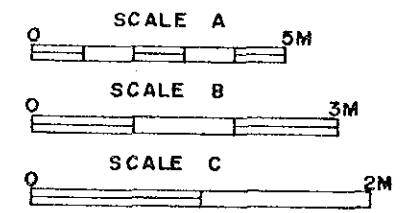
DIMENSIONS

SECTION	M - 1	M - 2	M - 3
L	12.40	7.20	7.30
H	1.95	1.60	1.55
T	0.35	0.30	0.30
h	-	-	-

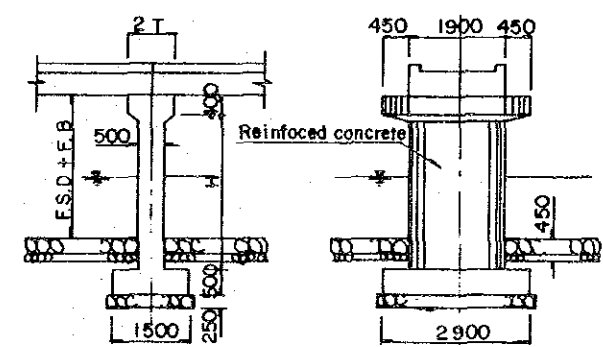
PLAN
SCALE A



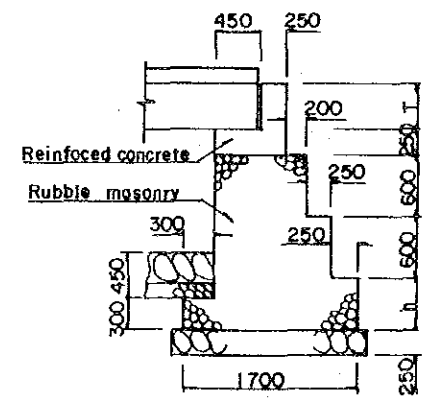
PROFILE
SCALE A



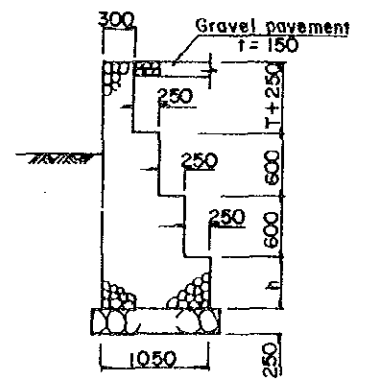
SECTION A-A
SCALE C



PIER
SCALE A



ABUTMENT B-B
SCALE B



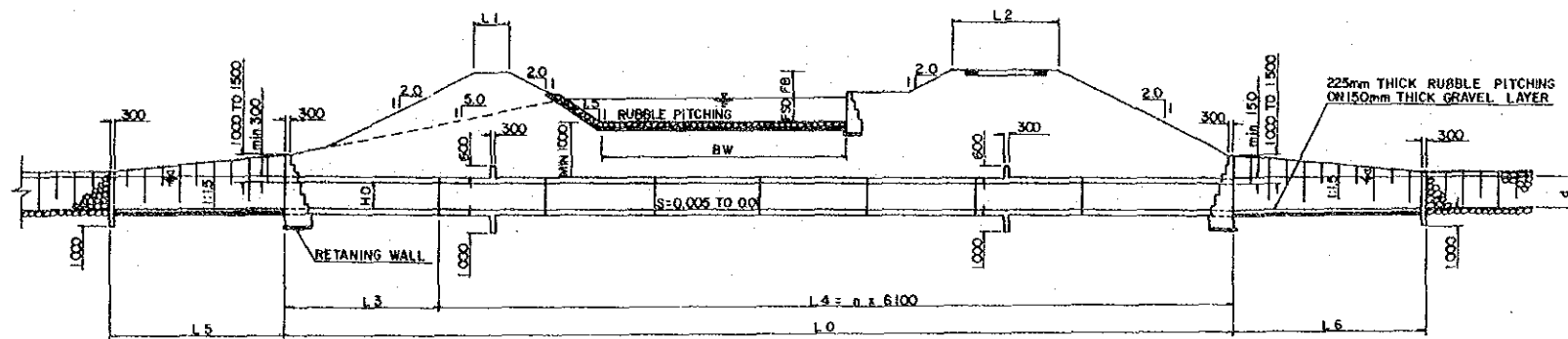
SECTION C-C
SCALE B

GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
NAGADEEPA IRRIGATION SCHEME

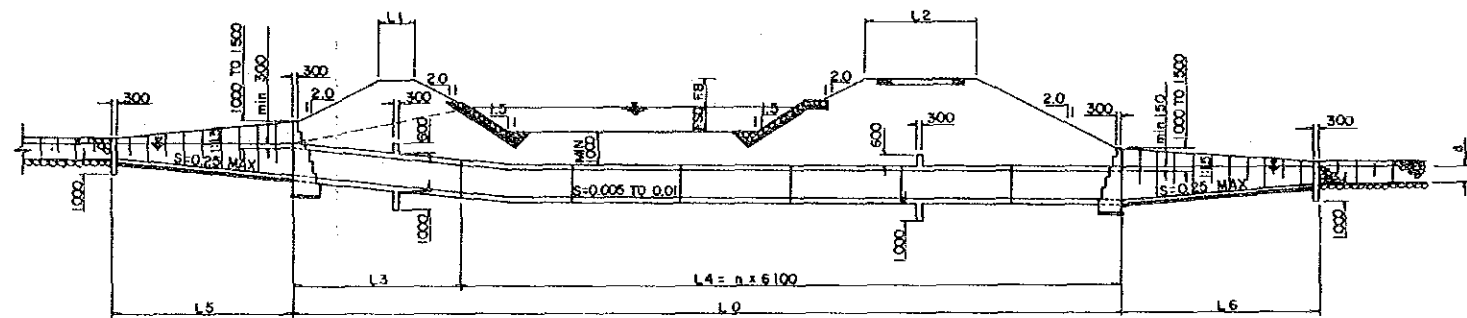
FOOT BRIDGE

DATE	MARCH 18, 1966	D.W.G. No.	07
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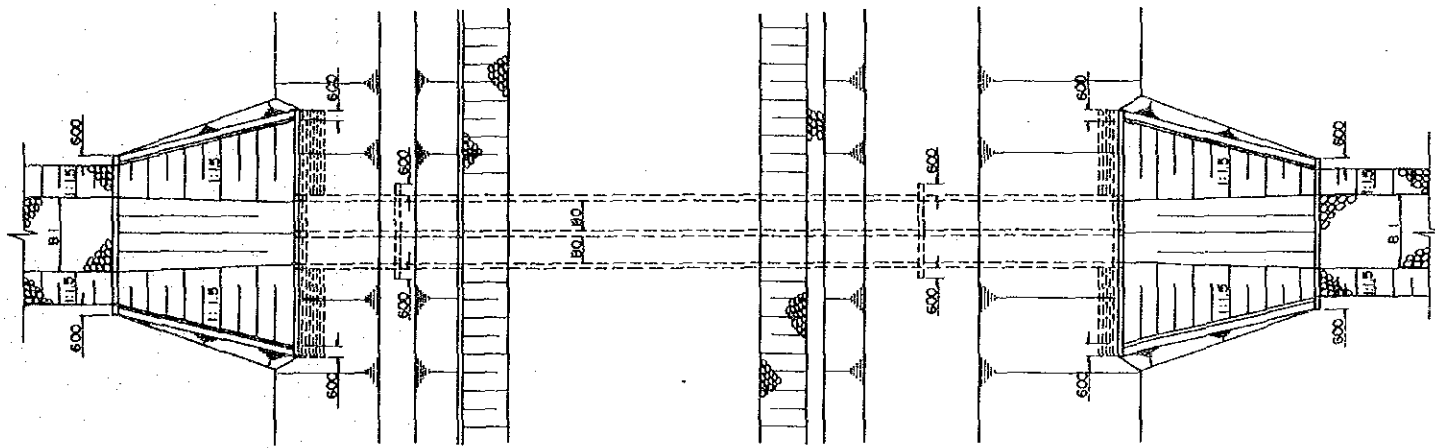
JAPAN INTERNATIONAL COOPERATION AGENCY



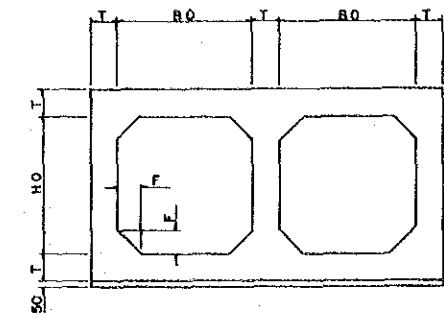
SECTIONAL ELEVATION (TYPE A)
SCALE 1:400



SECTIONAL ELEVATION (TYPE B)
SCALE 1:400



PLAN
SCALE 1:400



DISCHARGE (cumec)	SIZE (mm) No/Bc x Ho	T (mm)	F (mm)	L5 (mm)	L6 (mm)
≤ 0.5	1/600	-	-	5000	5000
≤ 1.0	2/600	-	-	5000	5000
≤ 2.0	1/1000 x 1000	225	150	5000	5000
≤ 4.5	1/1500 x 1500	225	200	5000	6000
≤ 8.0	1/2000 x 2000	300	200	7000	7000
≤ 10.0	2/1500 x 1500	225	200	10000	11000
≤ 16.0	2/2000 x 2000	300	200	13000	14000
≤ 24.0	3/2000 x 2000	300	200	20000	21000

DISCHARGE (cumec)	CANAL (m)		
	B1	min. d	max. slope
≤ 0.5	1.00	0.30	0.0080
≤ 1.0	1.50	0.30	0.0060
≤ 2.0	2.00	0.40	0.0050
≤ 4.5	2.50	0.50	0.0025
≤ 8.0	3.00	0.80	0.0015
≤ 10.0	4.00	0.90	0.0015
≤ 16.0	6.00	1.00	0.0015
≤ 24.0	10.00	1.00	0.0010

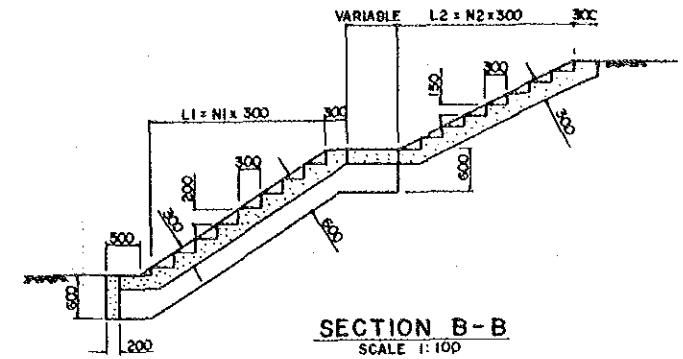
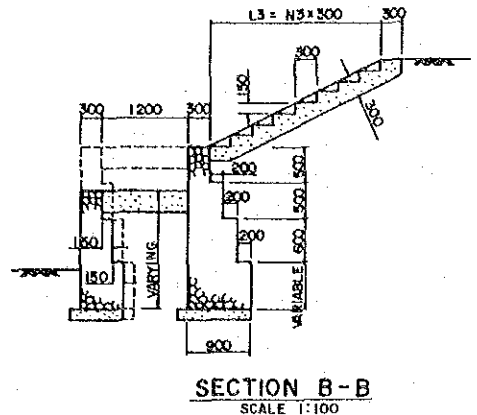
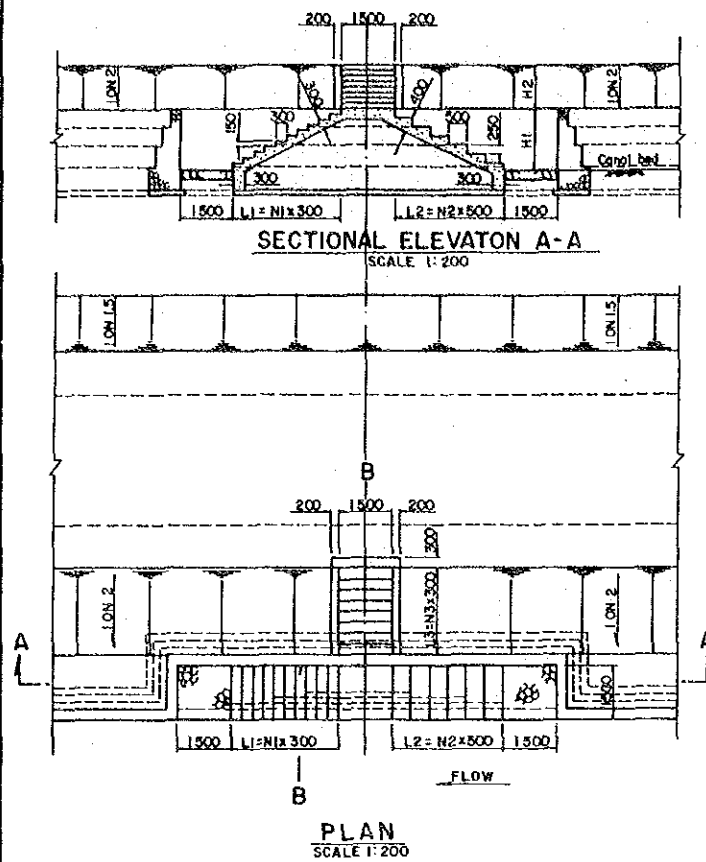
GOVERNMENT OF SRI LANKA
MINISTRY OF LANDS AND LAND DEVELOPMENT
REHABILITATION OF
NAGADEEPA IRRIGATION SCHEME

DRAINAGE UNDERCROSSING

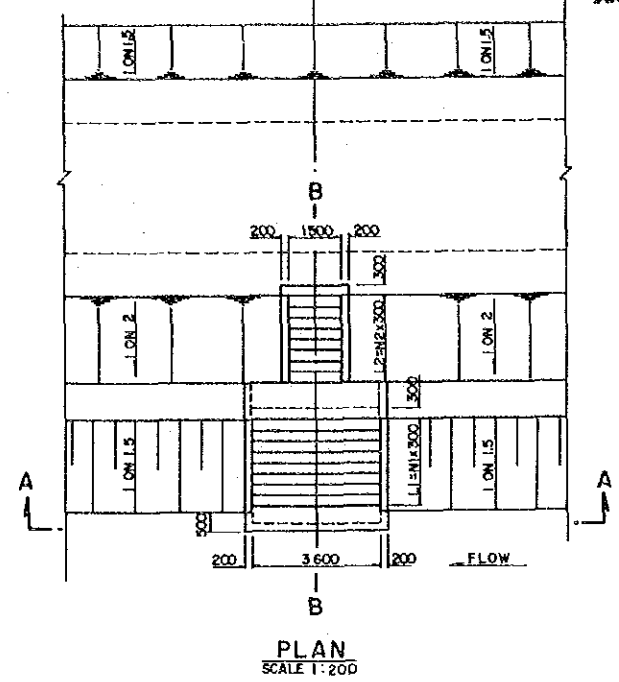
DATE MARCH 18, 1985 D.W.G. No. 08
JAPAN INTERNATIONAL COOPERATION AGENCY

BATHING & WASHING PLACE (TYPE A)

BATHING & WASHING PLACE (TYPE B)

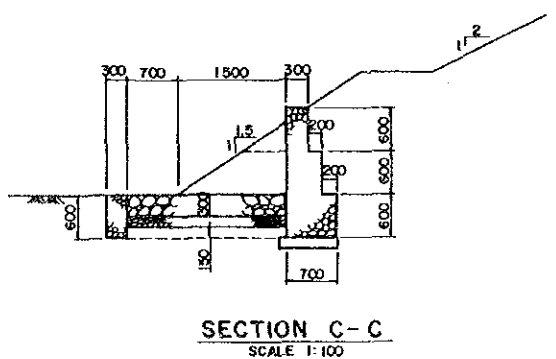
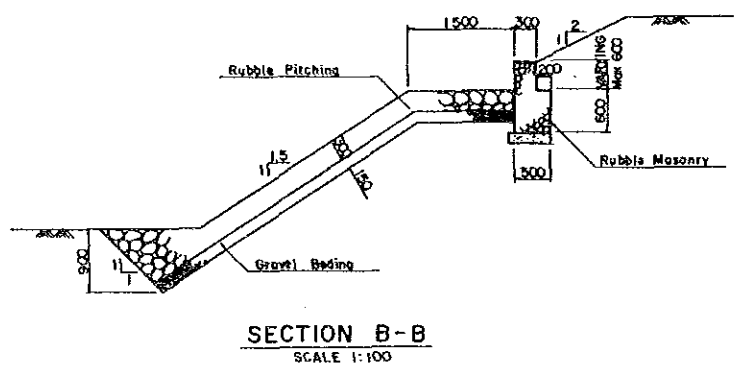
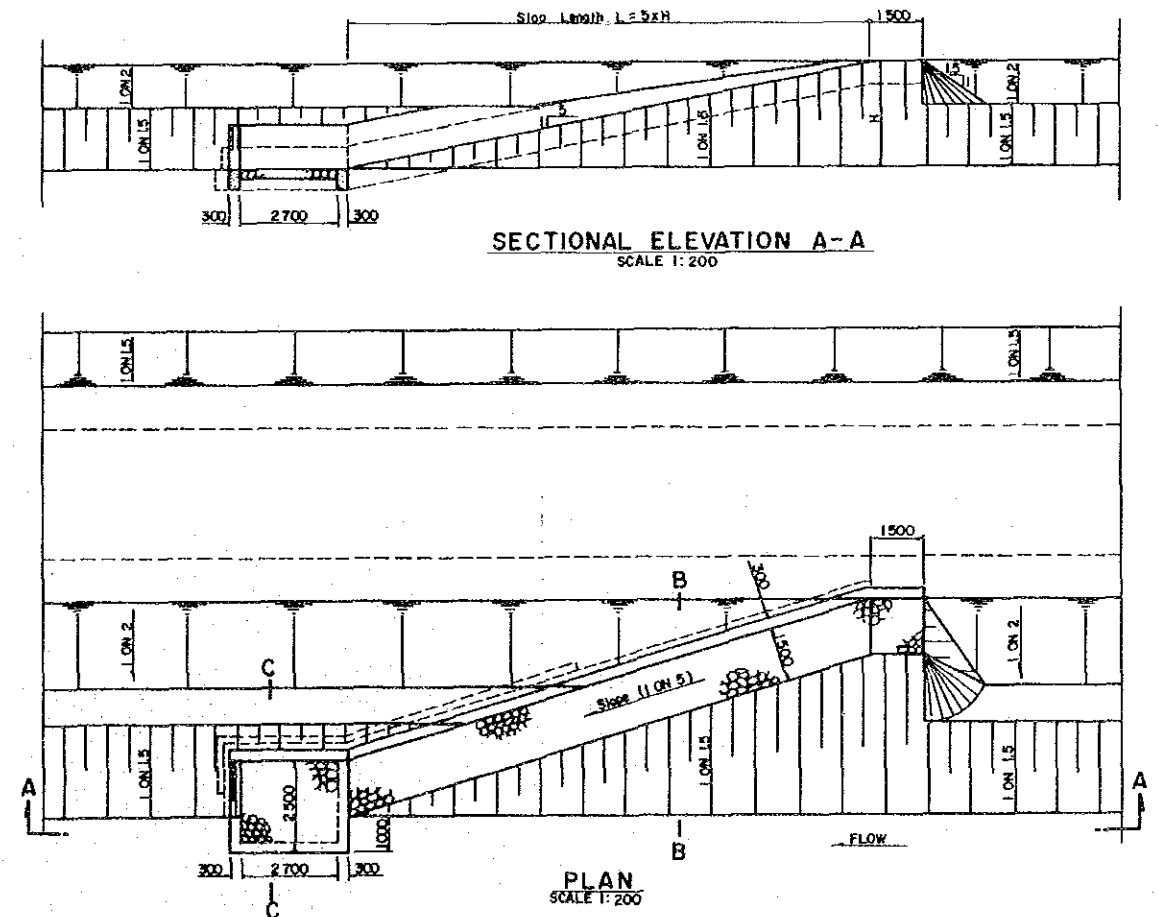


SECTION	H1	H2	L1	L2	L3	N1	N2	N3
M-1	1.25	0.50	2.40	2.50	0.60	8	5	2
M-3	0.95	0.40	1.80	1.50	0.60	6	3	2



SECTION	H1	H2	L1	L2	N1	N2
M-1	1.00	0.40	1.00	0.60	5	2
BR-1	1.20	0.50	1.20	0.60	6	2
BR-2	1.10	0.50	1.00	0.60	5	2

ACCESS SLOPE FOR BUFFALOS



SECTION	H	L(Slope Length)
M-2	1.40	7.0
BR-1	1.70	8.5
BR-2	1.60	8.0

GOVERNMENT OF SRI LANKA
 MINISTRY OF LANDS AND LAND DEVELOPMENT
 REHABILITATION OF
 NAGADEEPA IRRIGATION SCHEME

BATHING & WASHING PLACE

DATE MARCH 18, 1965 D.W.G. No. 09

JAPAN INTERNATIONAL COOPERATION AGENCY

JICA