














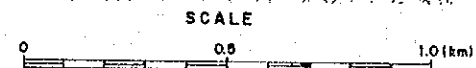


LEGEND

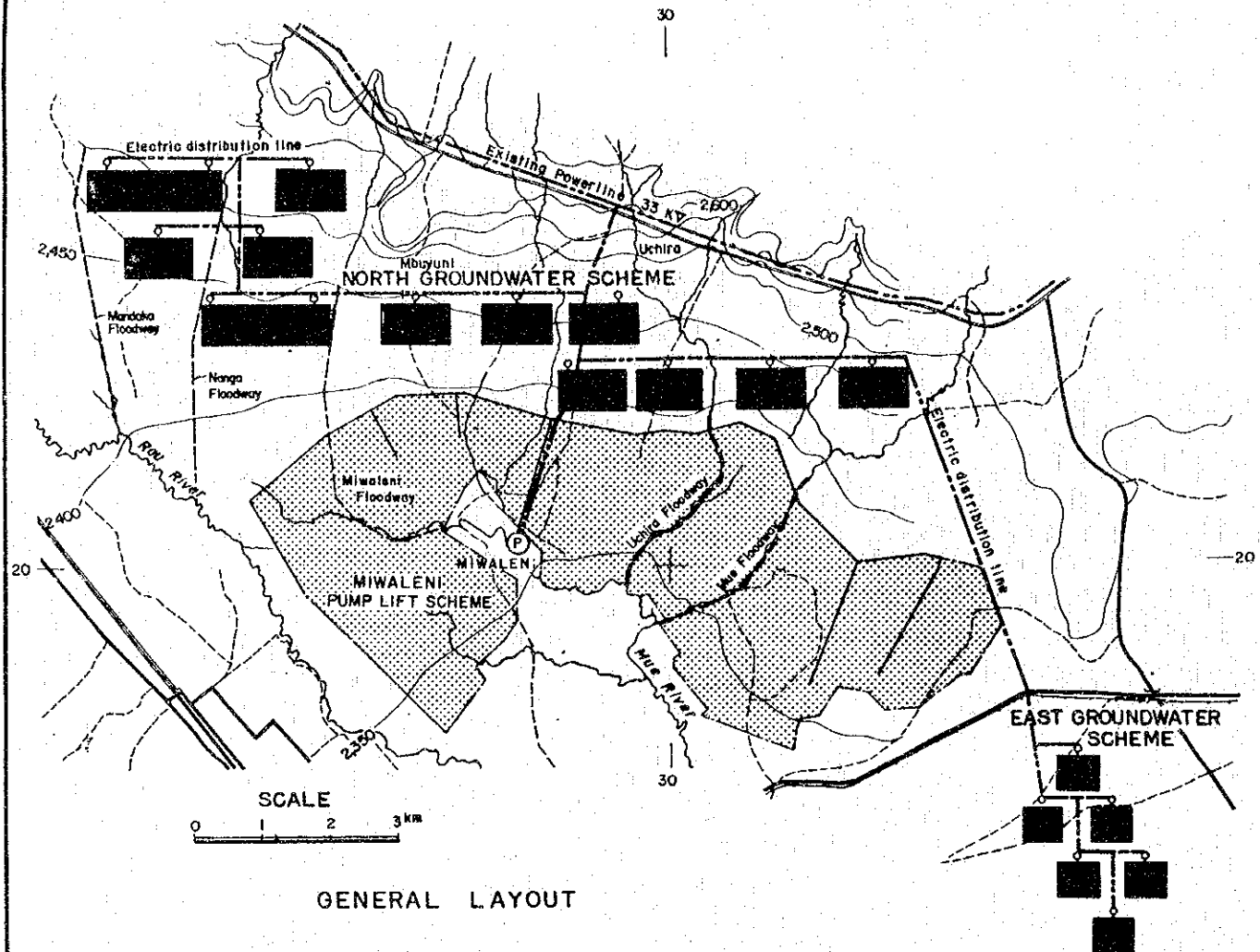
-  Main Canal
-  Secondary Canal (S.C.)
-  Tertiary Canal (T.C.)
-  Main Drain
-  Secondary Drain (S.D.)
-  Tertiary Drain (T.D.)
-  Farm Road
-  Headworks
-  Turnout
-  Syphon
-  Culvert
-  Cross Drain
-  Drop
-  Check
-  Flood Protection Dike



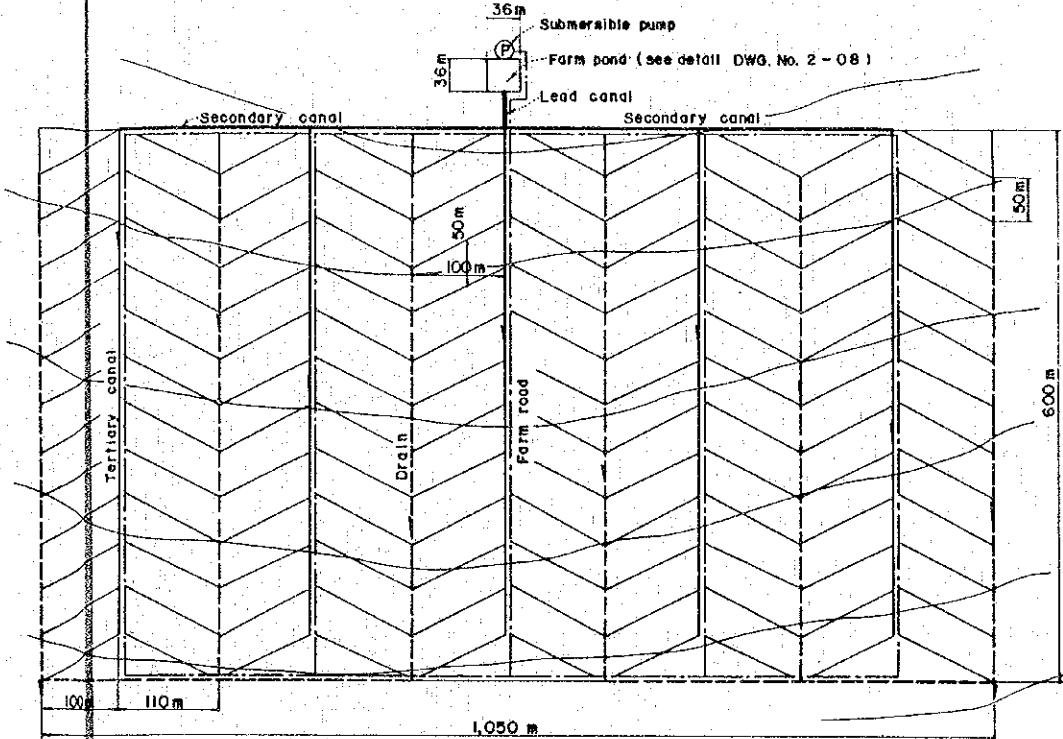
THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
GENERAL LAYOUT
 - GHONA & KILEO SCHEMES -
 JAPAN INTERNATIONAL COOPERATION AGENCY
 TOKYO

DWG. NO.
 0-10

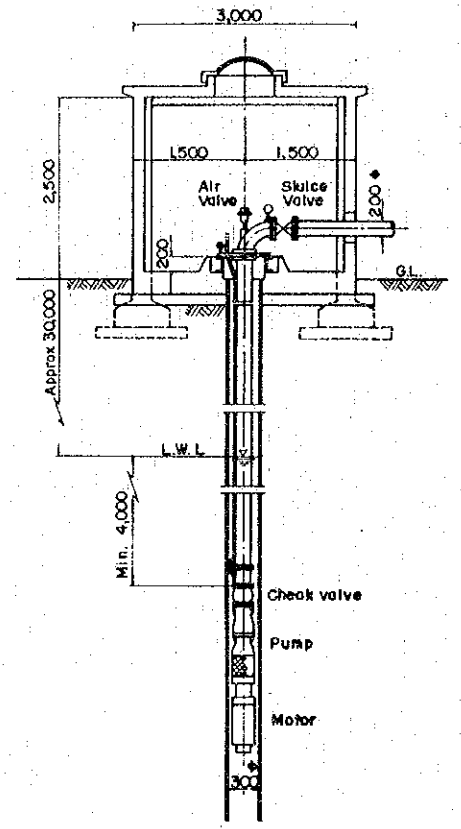
NORTH GROUNDWATER SCHEME



GENERAL LAYOUT

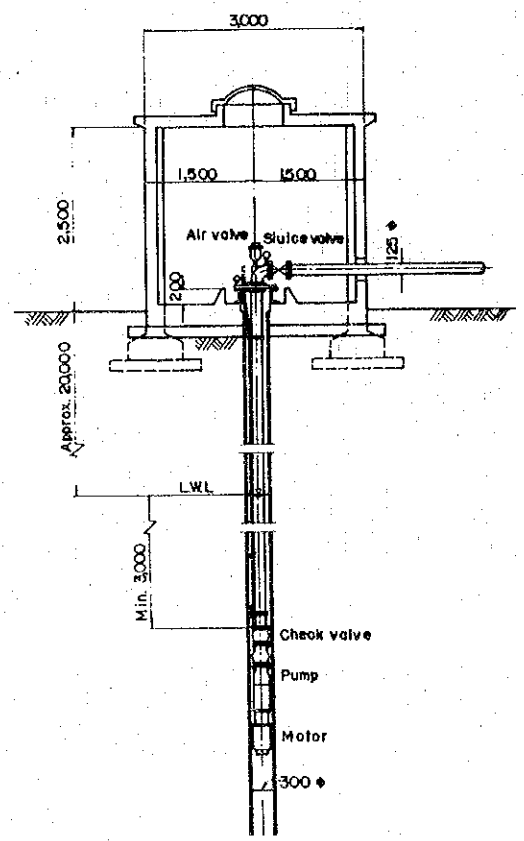


TYPICAL LAYOUT (60 ha)



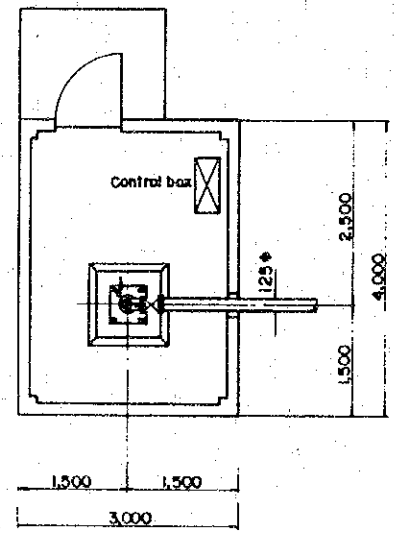
PLAN

EAST GROUNDWATER SCHEME



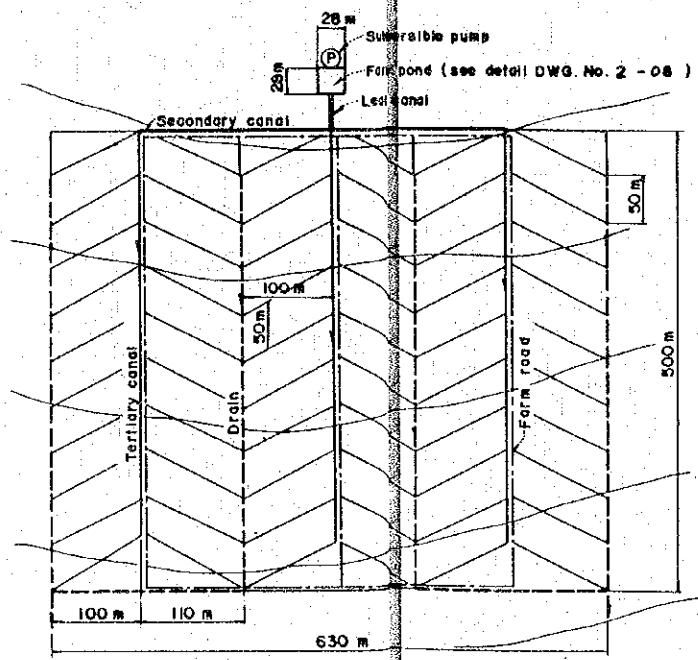
PROFILE

PUMP STATION

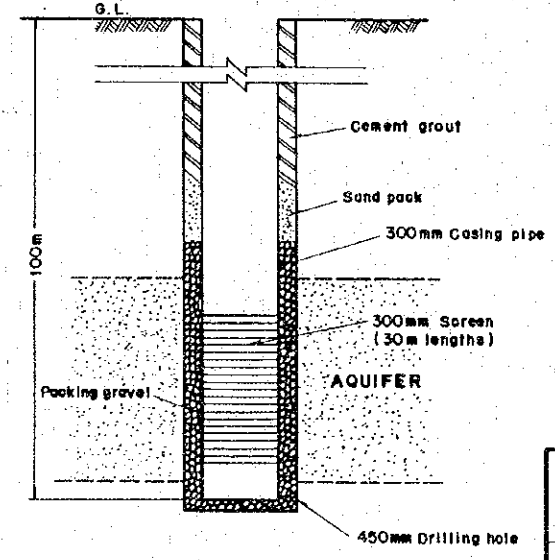


PLAN

Pump : Submersible Motor Pump
 Discharge : 1.8 m³/min./unit
 Total head : 2.5 m
 Diameter : 125 φ
 Motor output : 15 KW

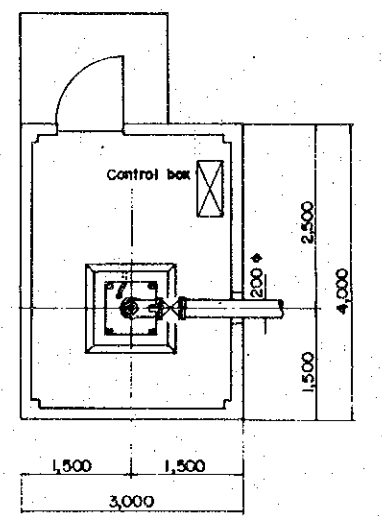


TYPICAL LAYOUT (30 ha)



STANDARD WELL OF BOTH SCHEMES

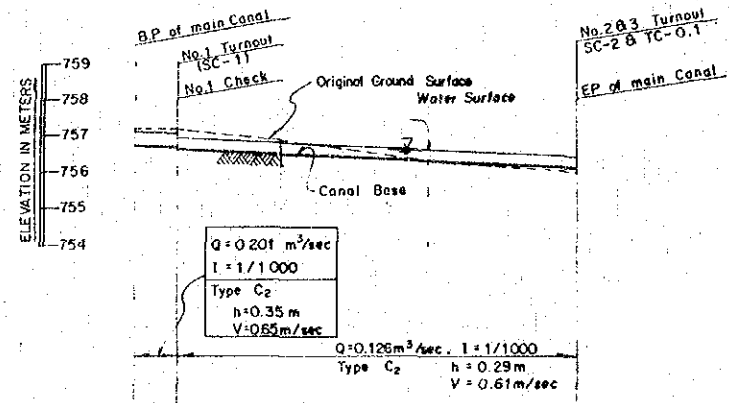
Pump : Submersible Motor Pump
 Discharge : 3.6 m³/min./unit
 Total head : 35 m
 Diameter : 200 φ
 Motor output : 37 KW



PROFILE PUMP STATION

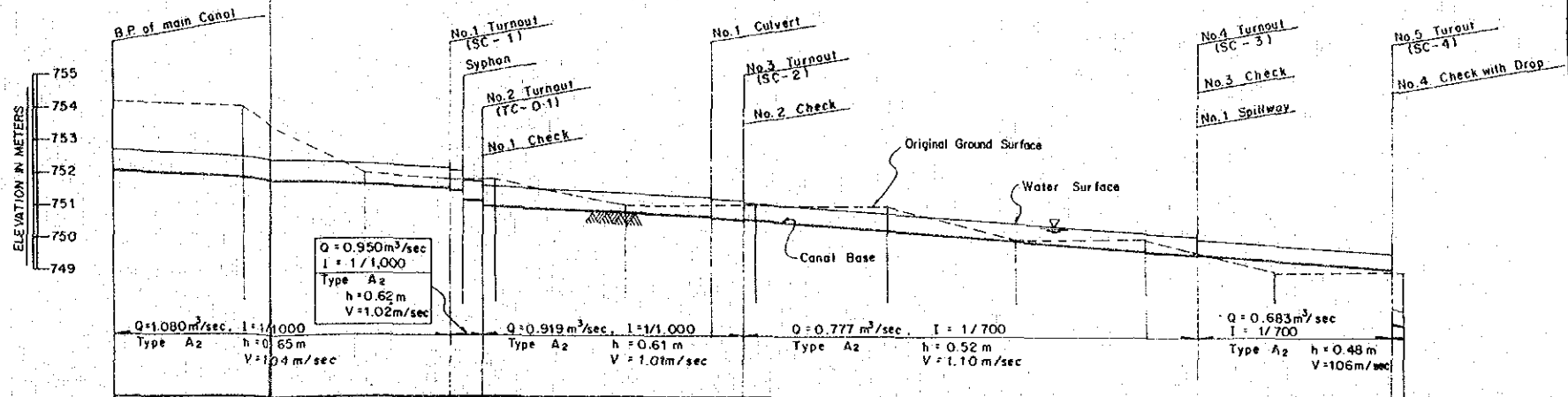
THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
**GENERAL LAYOUT
 - GROUNDWATER SCHEME -**
 JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO DWG. NO. 0-11

UPPER MABOGINI SCHEME

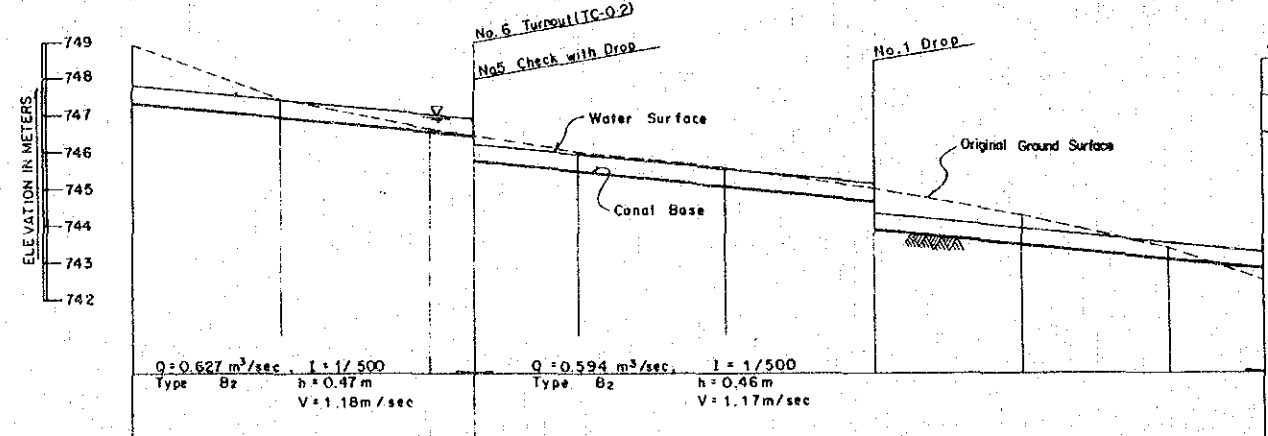


CANAL BASE ELEVATION	758.75	758.62	758.53	756.33	756.13
WATER SURFACE ELEVATION	757.10	757.04	756.98	756.62	756.48
GROUND SURFACE ELEVATION	757.2	757.2	756.9	756.3	756.0
REDUCED DISTANCE	0.0	60.0	200.0	400.0	600.0
DISTANCE	0.0	60.0	140.0	200.0	200.0
STATION	NO.0	+60.0	NO.1	NO.2	NO.3
CURVE					

MABOGINI SCHEME

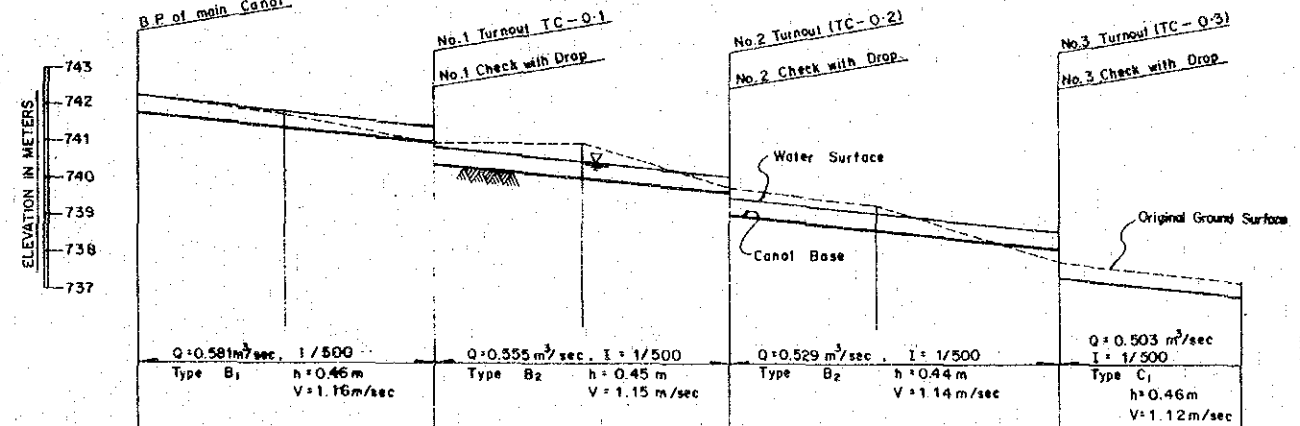


CANAL BASE ELEVATION	752.05	752.05	751.65	751.52	750.78	750.25	749.66	749.55	749.10	747.37
WATER SURFACE ELEVATION	752.70	752.70	752.30	752.17	751.52	750.86	750.66	750.51	749.51	747.84
GROUND SURFACE ELEVATION	752.2	752.0	751.8	751.8	751.0	750.6	750.0	749.6	749.0	747.0
REDUCED DISTANCE	0.0	200.0	400.0	530.0	580.0	600.0	800.0	930.0	980.0	1000.0
DISTANCE	0.0	200.0	400.0	530.0	580.0	600.0	800.0	930.0	980.0	1000.0
STATION	NO.0	NO.1	NO.2	NO.3	NO.4	NO.5	NO.6	NO.7	NO.8	NO.9
CURVE										

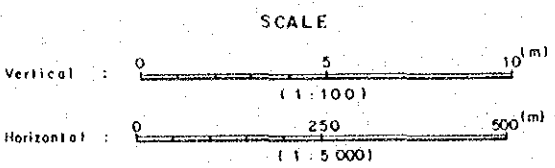


CANAL BASE ELEVATION	747.37	746.97	746.57	745.48	745.08	743.88	743.08	742.82
WATER SURFACE ELEVATION	747.84	747.44	747.04	745.54	745.14	743.28	743.28	742.82
GROUND SURFACE ELEVATION	747.5	747.5	746.7	745.54	745.14	743.4	743.4	742.5
REDUCED DISTANCE	200.0	2200.0	2400.0	2600.0	2800.0	3000.0	3400.0	3530.0
DISTANCE	20.0	200.0	200.0	200.0	200.0	200.0	200.0	130.0
STATION	NO.10	+60.0	NO.11	NO.12	NO.13	NO.14	NO.15	NO.16
CURVE								

RAU YA KATI SCHEME

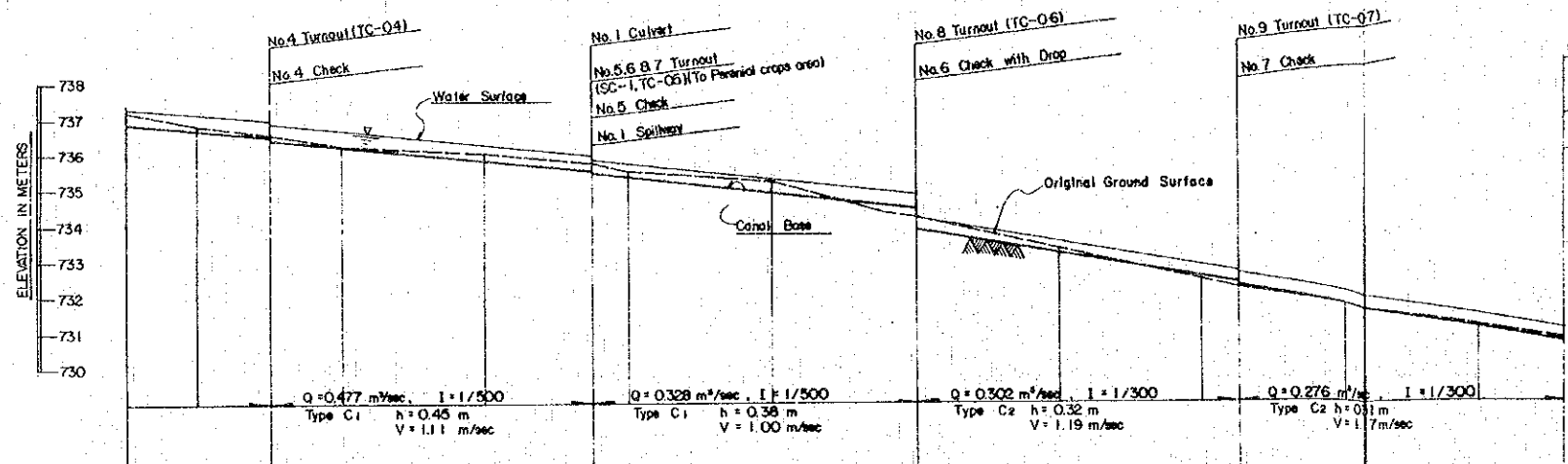


CANAL BASE ELEVATION	741.84	741.44	740.05	739.62	738.66	737.04	736.84
WATER SURFACE ELEVATION	742.30	741.90	740.50	739.50	738.50	737.50	737.30
GROUND SURFACE ELEVATION	742.3	741.8	741.0	739.8	738.1	737.5	737.2
REDUCED DISTANCE	0.0	200.0	400.0	600.0	800.0	1000.0	1100.0
DISTANCE	0.0	200.0	400.0	600.0	800.0	1000.0	1100.0
STATION	NO.0	NO.1	NO.2	NO.3	NO.4	NO.5	NO.6
CURVE							



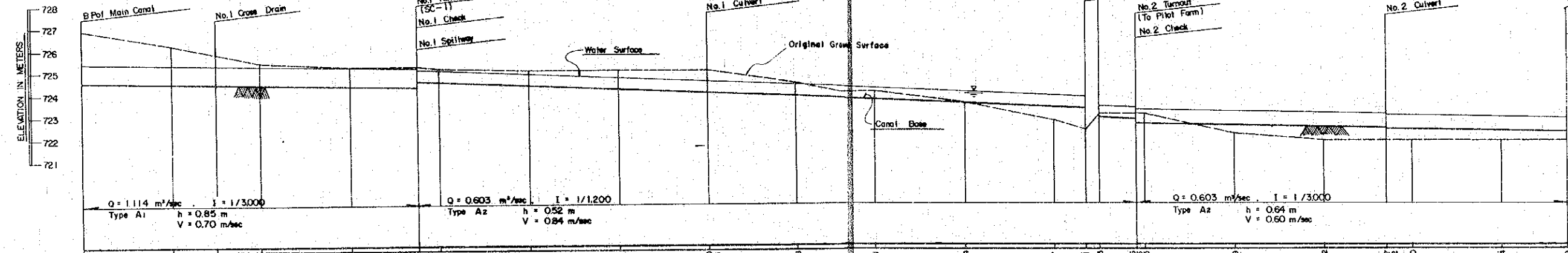
THE UNITED REPUBLIC OF TANZANIA
KILIMANJARO REGION
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
TITLE OF DRAWING
PROFILE OF MAIN IRRIGATION CANALS 1/6
RAU RIVER SYSTEM (1)
JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO.
TOKYO 1-01

RAU YA KATI SCHEME (2)



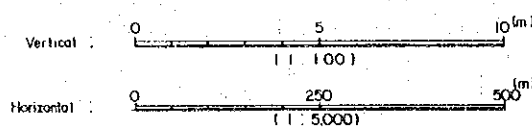
CANAL BASE ELEVATION	736.84	736.64	736.44	736.17	735.77	735.47	735.17	734.83	734.43	734.10	733.70
WATER SURFACE ELEVATION	737.30	737.10	736.82	736.62	736.22	735.92	735.62	735.22	734.82	734.42	734.02
GROUND SURFACE ELEVATION	737.2	736.8	736.5	736.2	735.0	736.7	736.5	735.2	734.2	733.3	732.4
REDUCED DISTANCE	1,900.0	1,600.0	1,700.0	1,800.0	2,000.0	2,150.0	2,200.0	2,400.0	2,600.0	2,800.0	3,000.0
DISTANCE	100.0	100.0	100.0	100.0	200.0	150.0	50.0	200.0	200.0	200.0	200.0
STATION	1000.0	No. 8	1000.0	No. 9	No. 10	1050.0	No. 11	No. 12	No. 13	No. 14	No. 15
CURVE											

CHEKERENI SCHEME



CANAL BASE ELEVATION	724.55	724.48	724.45	724.42	724.35	724.30	724.24	724.17	724.00	723.96	723.87	723.75	723.61	723.44	723.27	723.21	723.13	722.99	722.82	722.64	722.42
WATER SURFACE ELEVATION	725.40	725.33	725.30	725.27	725.20	725.15	725.07	724.96	724.82	724.77	724.63	724.52	724.37	724.24	724.12	724.00	723.87	723.75	723.61	723.44	723.24
GROUND SURFACE ELEVATION	725.9	726.2	725.5	725.4	725.2	725.2	725.1	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0
REDUCED DISTANCE	0.0	200.0	300.0	400.0	600.0	750.0	800.0	1,000.0	1,200.0	1,400.0	1,600.0	1,800.0	2,000.0	2,200.0	2,270.0	2,300.0	2,380.0	2,400.0	2,500.0	2,600.0	2,800.0
DISTANCE	0.0	200.0	100.0	100.0	200.0	50.0	50.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	70.0	50.0	80.0	20.0	200.0	200.0	150.0
STATION	No. 0	No. 1	1000.0	No. 2	No. 3	1050.0	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	1070.0	1000.0	1080.0	No. 12	No. 13	No. 14	1140.0
CURVE																					

SCALE

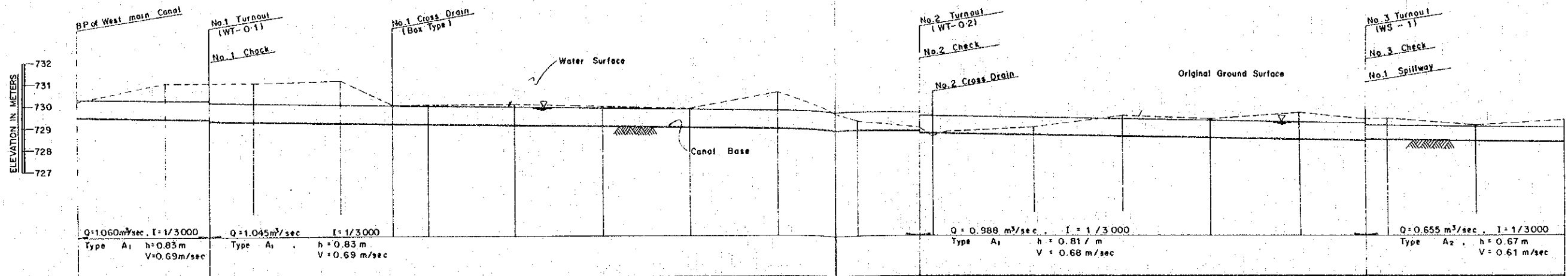


LEGEND

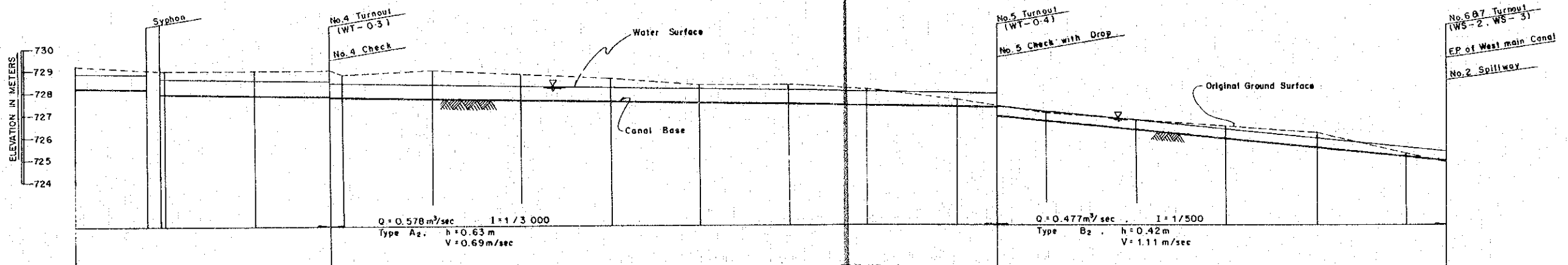
- Q : Design discharge (m³/sec)
- I : Hydraulic gradient
- h : Water depth (m)
- V : Velocity (m/sec)

THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
PROFILE OF MAIN IRRIGATION CANALS 2/6
 — RAU RIVER SYSTEM (2) —
 JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO.
 TOKYO 1-02

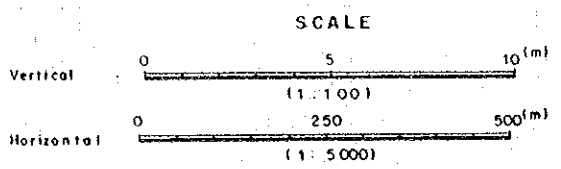
MIWALENI SCHEME (WEST MAIN CANAL)



CANAL BASE ELEVATION	WATERSURFACE ELEVATION	GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION	CURVE
729.47	730.30	730.2	0.0	0.0	0+0.0	
729.40	730.23	731.0	280.0	200.0	0+1.0	
729.37	730.20	731.0	300.0	100.0	0+1.0	
729.29	730.12	731.0	400.0	100.0	0+2.0	
729.26	730.09	731.0	600.0	200.0	0+3.0	
729.19	730.02	731.1	720.0	120.0	0+4.0	
729.15	729.98	730.0	800.0	80.0	0+5.0	
729.12	729.95	730.0	1000.0	200.0	0+6.0	
729.06	729.89	730.0	1200.0	200.0	0+7.0	
728.99	729.82	729.9	1400.0	200.0	0+8.0	
728.92	729.75	729.9	1600.0	200.0	0+9.0	
728.86	729.69	730.5	1800.0	200.0	0+10.0	
728.79	729.62	729.2	2000.0	200.0	0+11.0	
728.74	729.57	728.3	2200.0	200.0	0+12.0	
728.63	729.44	728.5	2400.0	200.0	0+13.0	
728.61	729.43	728.7	2600.0	200.0	0+14.0	
728.55	729.36	728.9	2800.0	200.0	0+15.0	
728.48	729.29	729.4	3000.0	200.0	0+16.0	
728.41	729.22	729.3	3200.0	200.0	0+17.0	
728.35	729.16	729.6	3400.0	200.0	0+18.0	
728.27	729.11	729.1	3600.0	200.0	0+19.0	
728.30	729.05	728.3	3800.0	200.0	0+20.0	
728.36	729.01	728.5	4000.0	200.0	0+21.0	
728.27	728.94	729.0	4200.0	200.0	0+22.0	
728.21	728.88	729.2	4400.0	200.0	0+23.0	



CANAL BASE ELEVATION	WATER SURFACE ELEVATION	GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION	CURVE
728.21	728.88	729.2	3400.0	200.0	0+17.0	
728.15	728.82	729.0	3560.0	160.0	0+18.0	
727.95	728.62	729.0	3600.0	40.0	0+18.0	
727.88	728.55	729.0	3800.0	200.0	0+19.0	
727.83	728.50	729.0	3970.0	170.0	0+20.0	
727.75	728.42	728.8	4000.0	30.0	0+20.0	
727.78	728.41	728.8	4200.0	200.0	0+21.0	
727.71	728.34	729.0	4400.0	200.0	0+22.0	
727.64	728.27	728.8	4600.0	200.0	0+23.0	
727.56	728.21	728.6	4800.0	200.0	0+24.0	
727.51	728.14	728.3	5000.0	200.0	0+25.0	
727.44	728.07	728.3	5200.0	200.0	0+26.0	
727.38	728.01	728.1	5400.0	200.0	0+27.0	
727.31	727.94	727.6	5600.0	200.0	0+28.0	
727.28	727.88	727.3	5800.0	200.0	0+29.0	
727.28	727.88	727.0	6000.0	200.0	0+30.0	
727.26	727.82	726.7	6200.0	200.0	0+31.0	
727.26	727.76	726.4	6400.0	200.0	0+32.0	
727.26	727.70	726.1	6600.0	200.0	0+33.0	
727.26	727.64	725.8	6800.0	200.0	0+34.0	
727.26	727.58	725.5	7000.0	200.0	0+35.0	
727.26	727.52	725.2	7200.0	200.0	0+36.0	
727.26	727.46	724.9	7400.0	200.0	0+37.0	
727.26	727.40	724.6	7600.0	200.0	0+38.0	
727.26	727.34	724.3	7800.0	200.0	0+39.0	
727.26	727.28	724.0	8000.0	200.0	0+40.0	

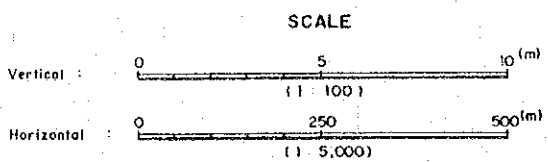
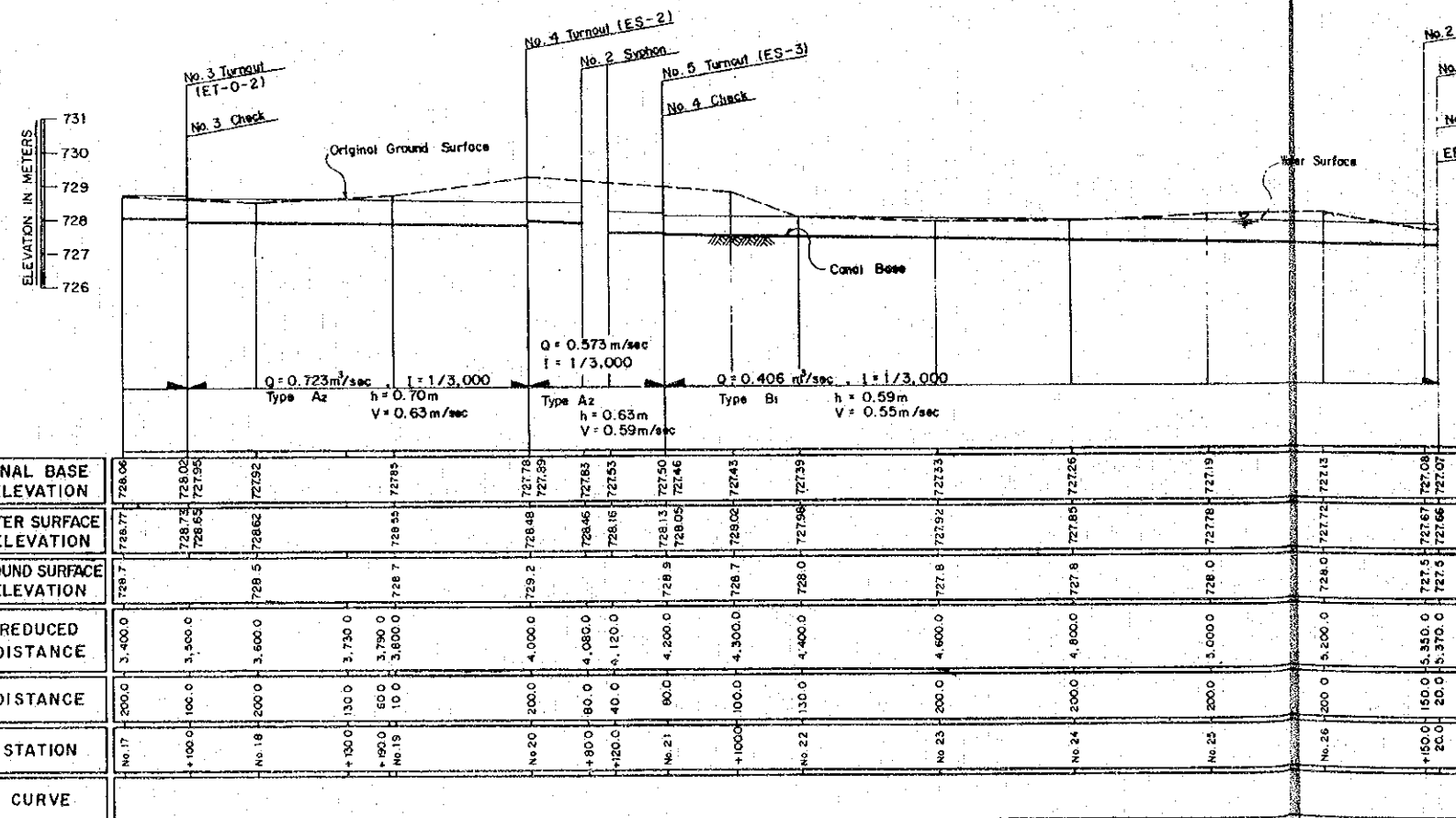
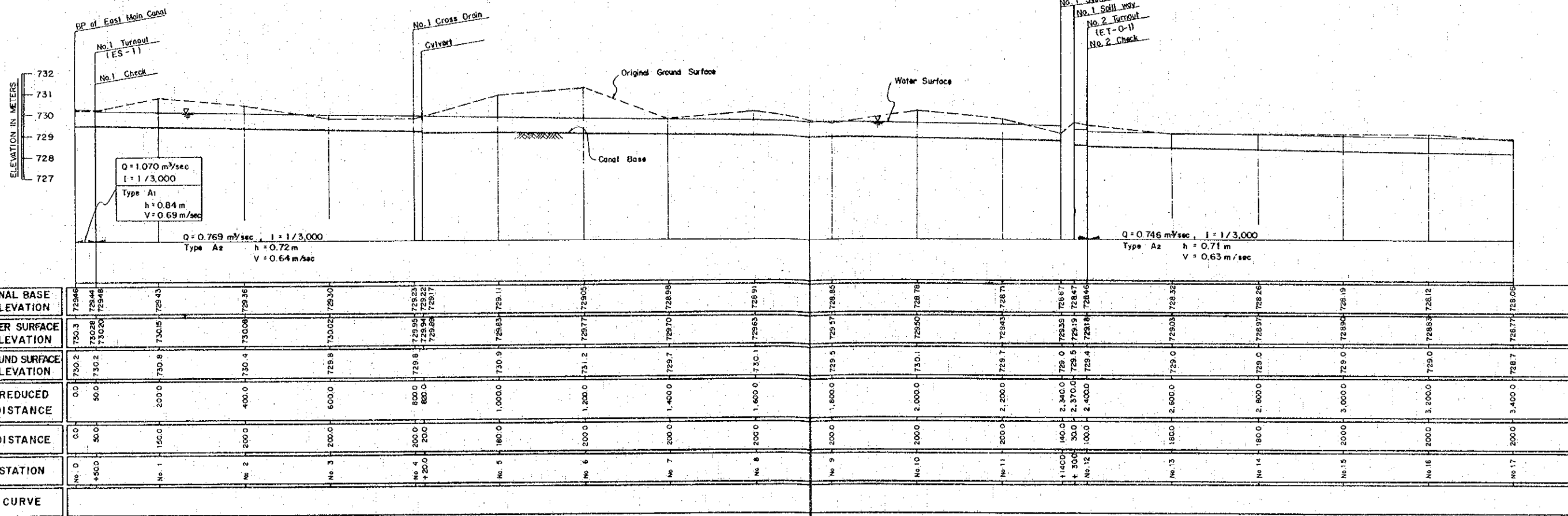


- LEGEND
- Q Design discharge (m³/sec)
 - I Hydraulic gradient
 - h Water depth (m)
 - V Velocity (m/sec)

THE UNITED REPUBLIC OF TANZANIA
KILIMANJARO REGION
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
TITLE OF DRAWING
PROFILE OF MAIN IRRIGATION CANALS 3/6
MIWALENI SCHEME (1)

JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO.
TOKYO 1-03

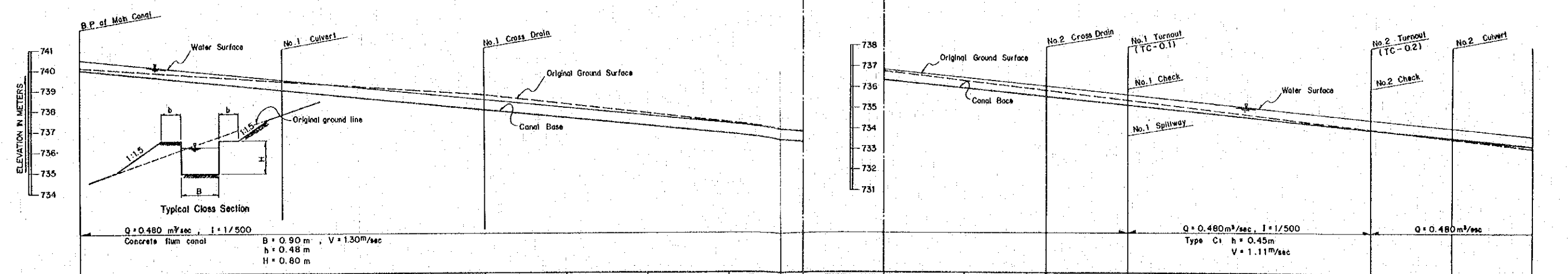
MIWALENI SCHEME (EAST MAIN CANAL)



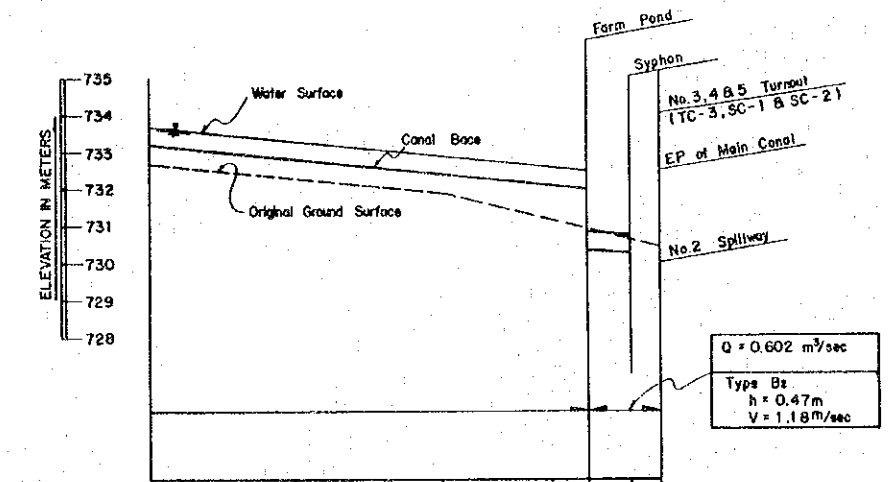
LEGEND
 Q : Design discharge (m³/sec)
 I : Hydraulic gradient
 h : Water depth (m)
 V : Velocity (m/sec)

THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
 PROFILE OF MAIN IRRIGATION CANALS 4/6
 - MIWALENI SCHEME (2) -
 JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO.
 TOKYO 1-04

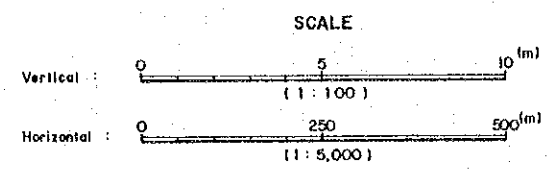
GHONA & KILEO SCHEME



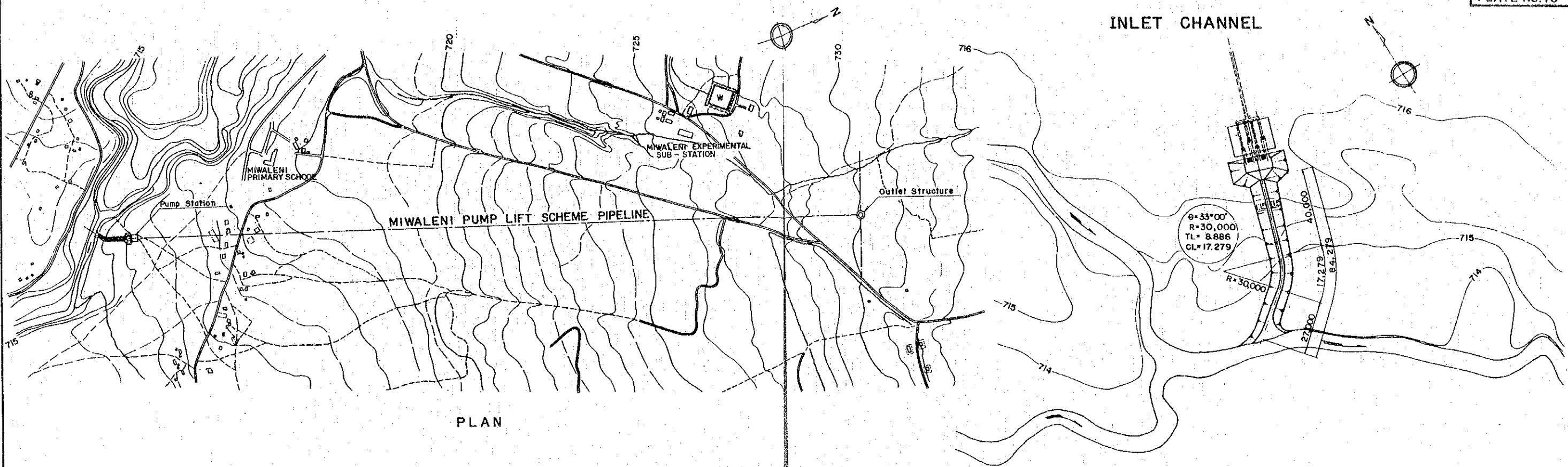
CANAL BASE ELEVATION	740.02	739.82	739.22	739.02	738.82	738.42	738.02	737.62	737.22	736.82	736.42	736.02	735.62	735.22	734.82	734.42	734.02	733.62	733.22
WATER SURFACE ELEVATION	740.90	740.10	739.70	739.50	739.30	738.90	738.50	738.10	737.70	737.30	736.90	736.50	736.10	735.70	735.30	734.90	734.50	734.10	733.70
GROUND SURFACE ELEVATION	740.10	739.80	739.70	739.40	739.30	739.00	738.80	738.20	737.70	737.22	736.90	736.50	736.02	735.52	735.00	734.50	734.02	733.60	733.10
REDUCED DISTANCE	0.0	200.0	400.0	500.0	600.0	800.0	1,000.0	1,200.0	1,400.0	1,600.0	1,800.0	2,000.0	2,200.0	2,400.0	2,600.0	2,800.0	3,000.0	3,200.0	3,400.0
DISTANCE	0.0	200.0	200.0	100.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
STATION	No. 0	No. 1	No. 2	+100.0	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 9	No. 10	No. 11	No. 12	No. 13	No. 14	No. 15	No. 16
CURVE																			



CANAL BASE ELEVATION	732.82	732.22	731.72	732.02	732.42	732.82
WATER SURFACE ELEVATION	733.70	733.50	733.30	732.90	733.30	733.70
GROUND SURFACE ELEVATION	733.10	732.70	732.20	731.10	730.70	730.50
REDUCED DISTANCE	3,400.0	3,600.0	3,800.0	4,000.0	4,060.0	4,100.0
DISTANCE	200.0	200.0	200.0	200.0	60.0	40.0
STATION	No. 17	No. 18	No. 19	No. 20	+460.0	+480.0
CURVE						

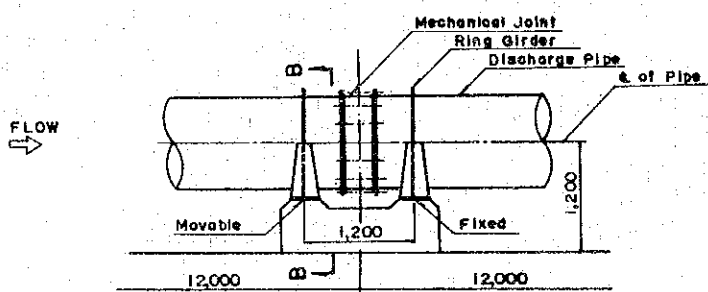
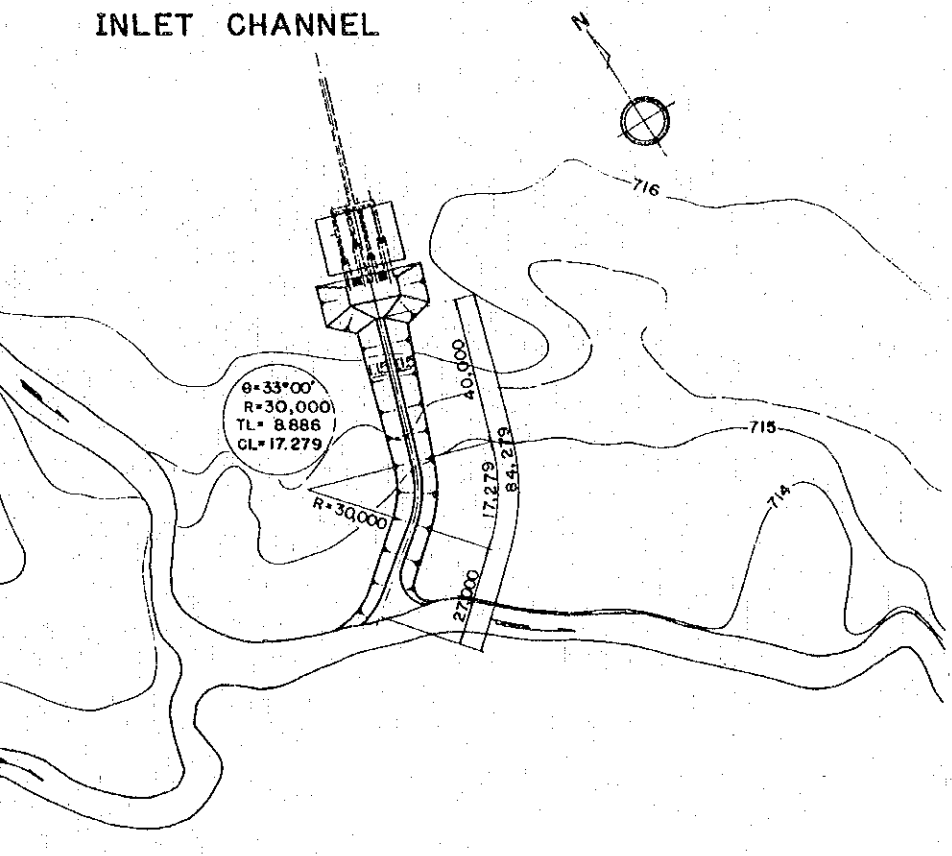


THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
PROFILE OF MAIN IRRIGATION CANALS 6/6
- HIMO RIVER SYSTEM (2) -
 JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO
 DWG. NO.
1-06

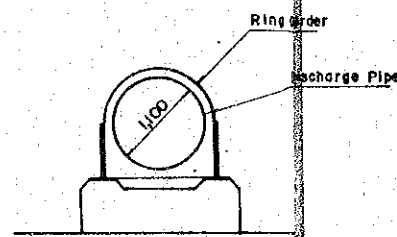


PLAN

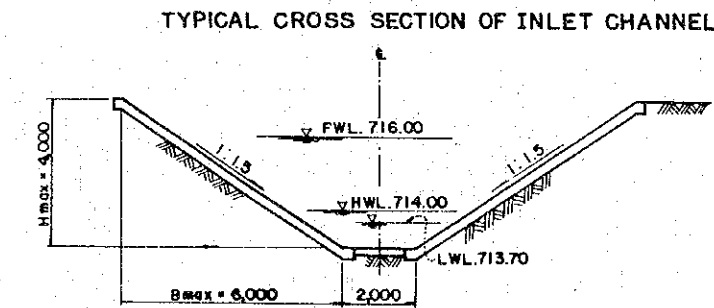
INLET CHANNEL



DETAIL A

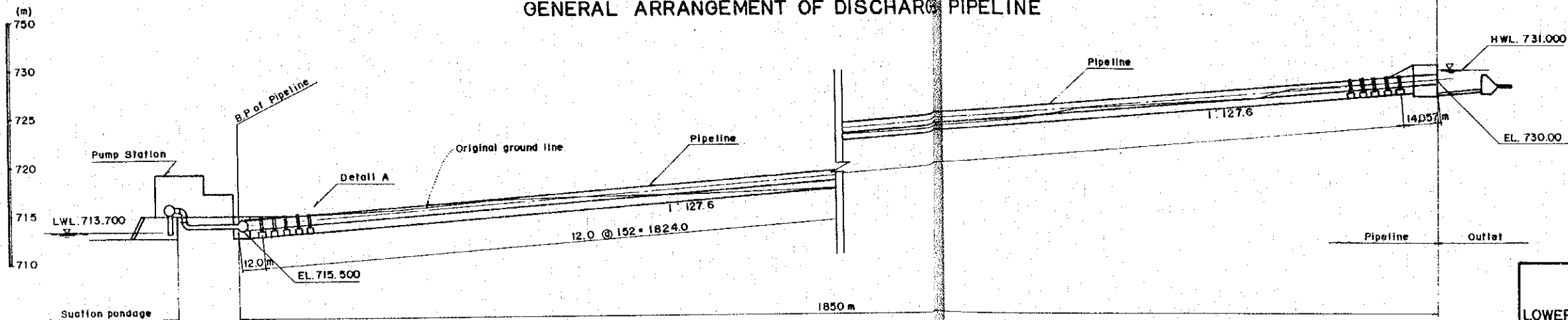


SECTION B



TYPICAL CROSS SECTION OF INLET CHANNEL

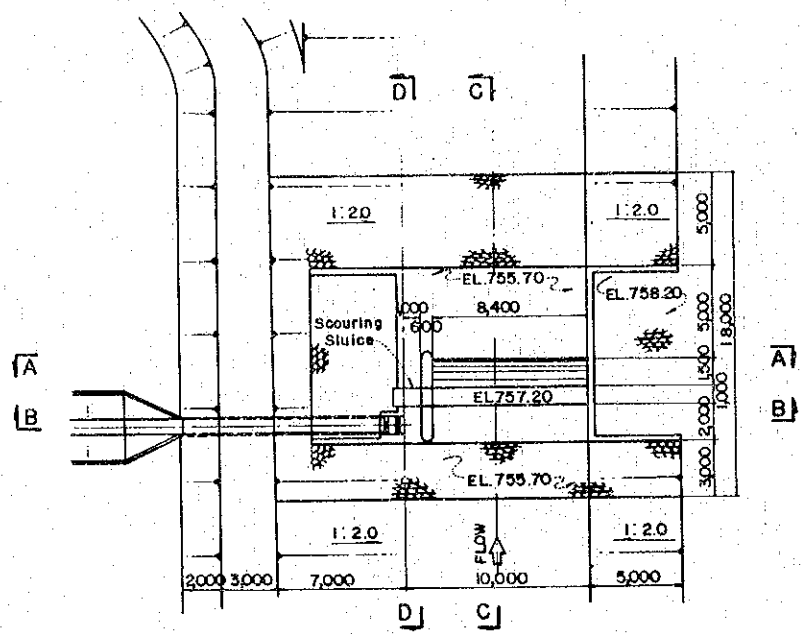
GENERAL ARRANGEMENT OF DISCHARGE PIPELINE



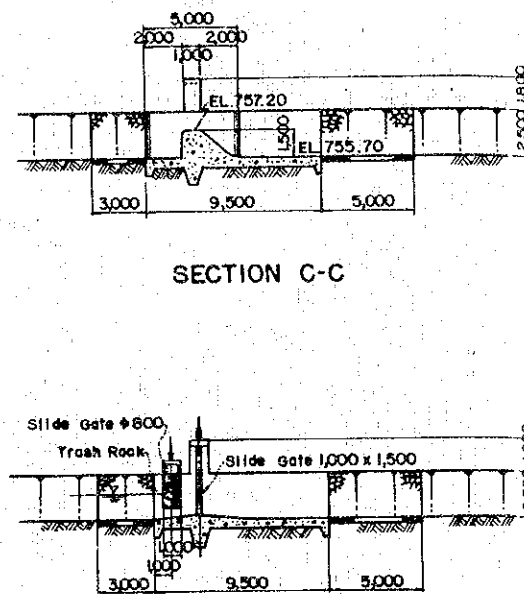
PROFILE

THE UNITED REPUBLIC OF TANZANIA KILIMANJARO REGION	
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING MIWALENI PUMP STATION 2/2	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO	DWG. NO. 2-02

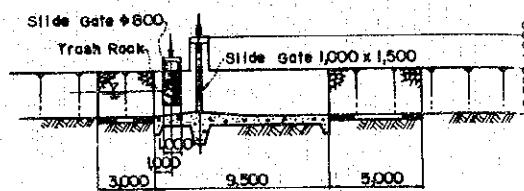
UPPER MABOGINI INTAKE WEIR



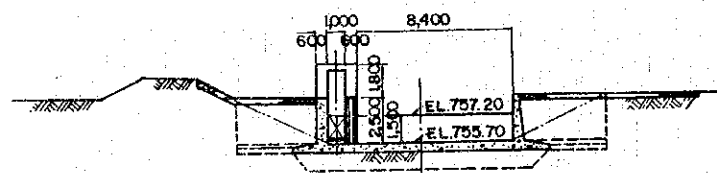
PLAN



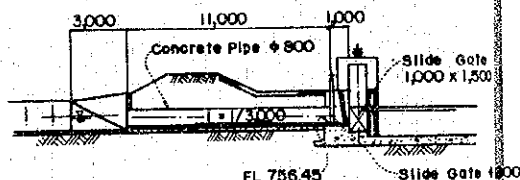
SECTION C-C



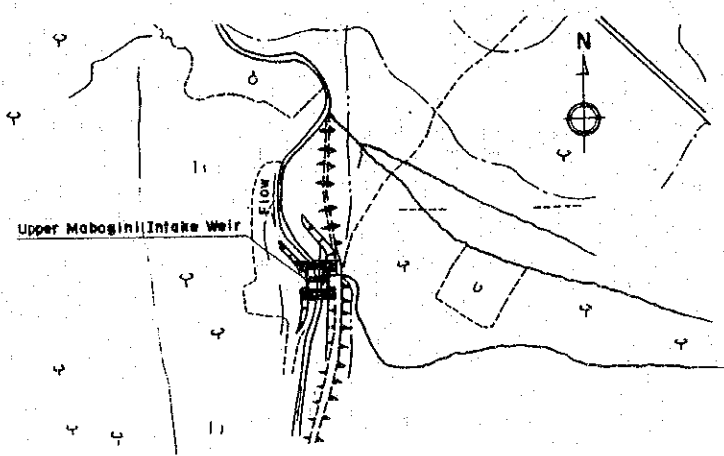
SECTION D-D



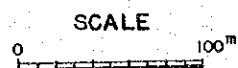
SECTION A-A



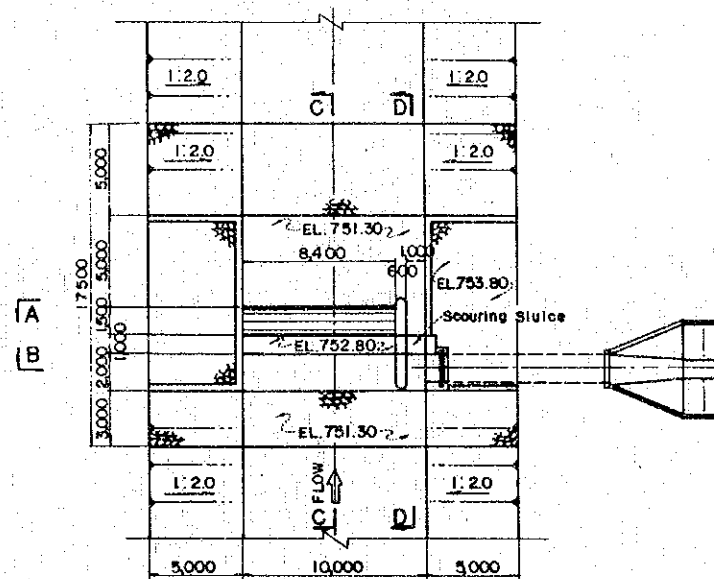
SECTION B-B



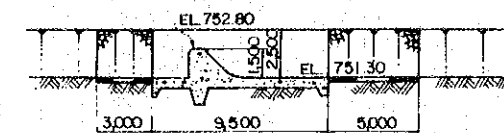
KEY PLAN



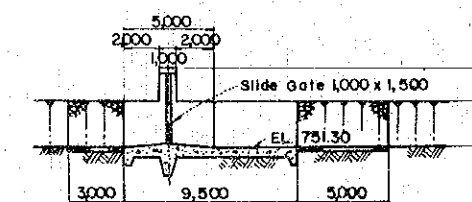
MABOGINI INTAKE WEIR



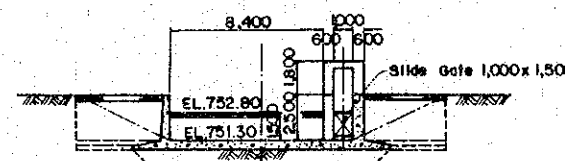
PLAN



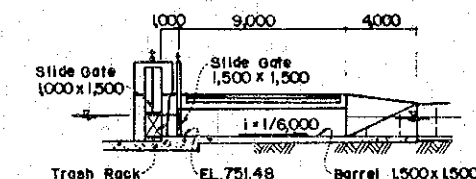
SECTION C-C



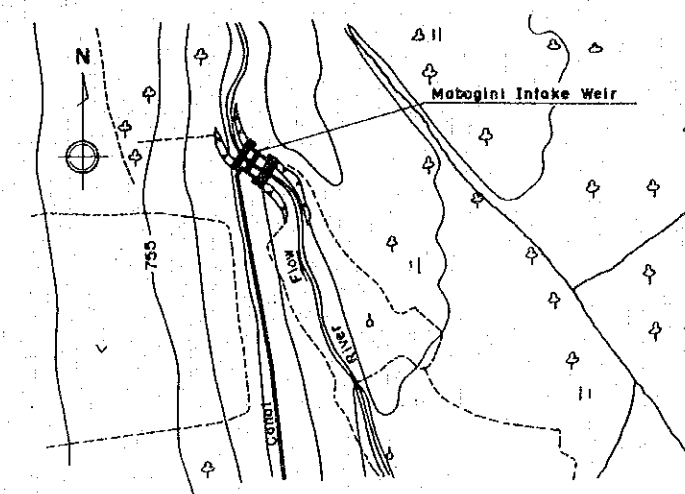
SECTION D-D



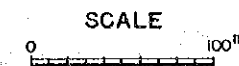
SECTION A-A



SECTION B-B



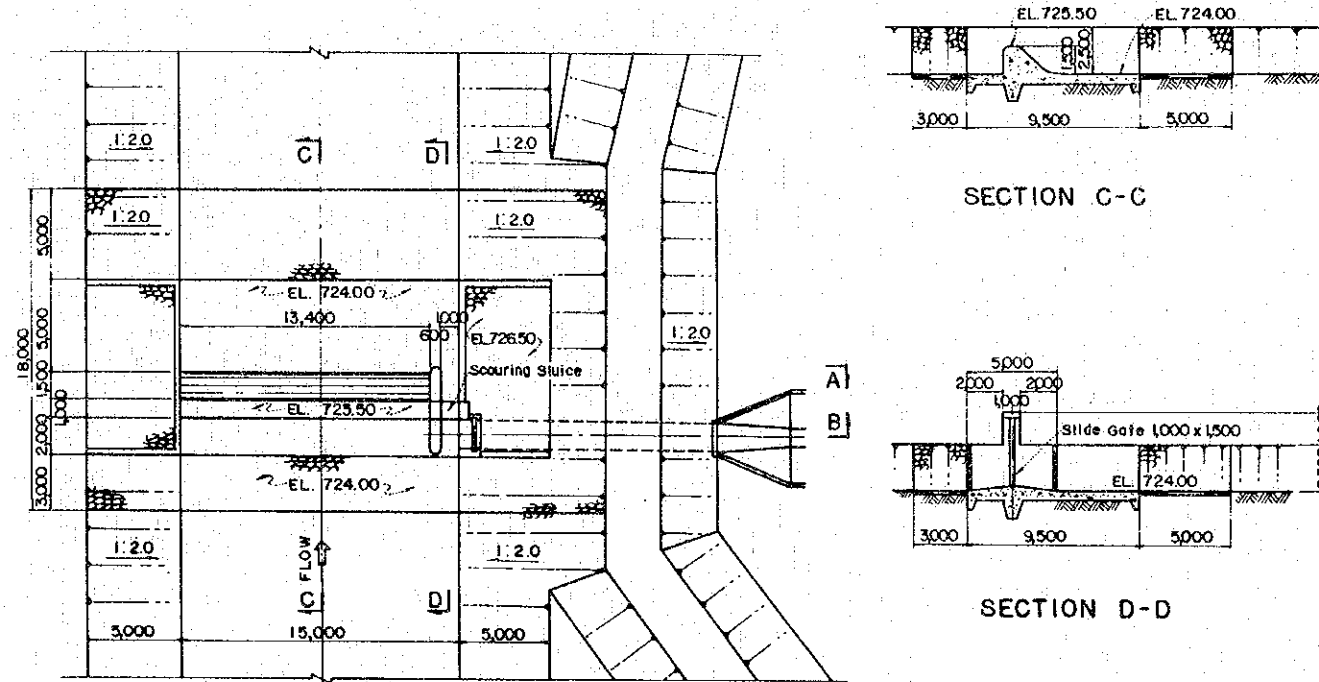
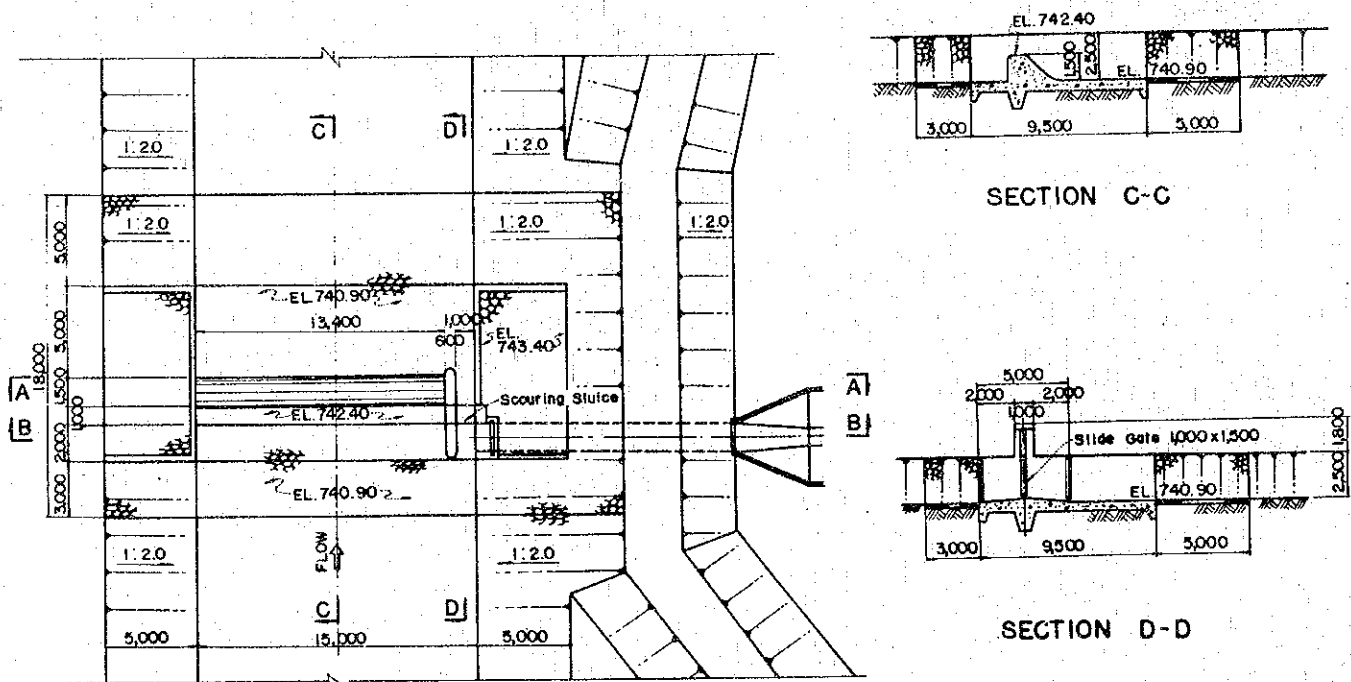
KEY PLAN



THE UNITED REPUBLIC OF TANZANIA	
KILIMANJARO REGION	
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING	
INTAKE WEIR 1/2	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG. NO.
TOKYO	2-03

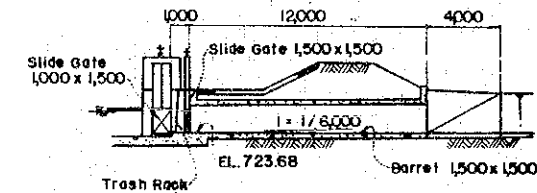
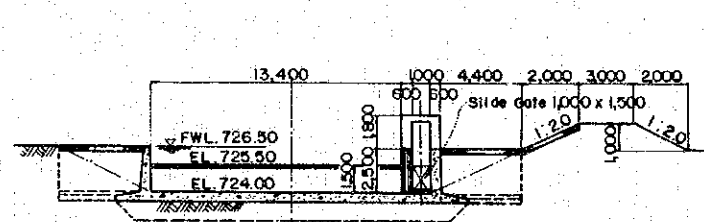
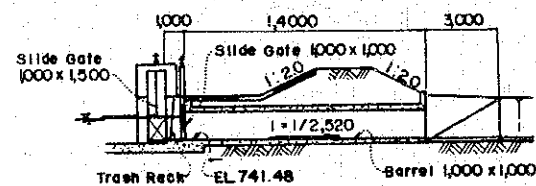
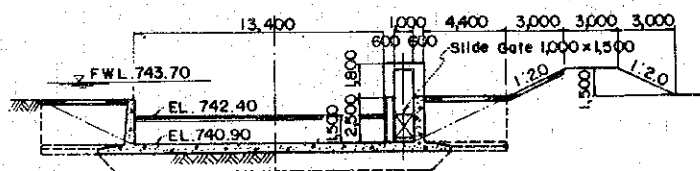
RAU YA KATI INTAKE WEIR

CHEKERENI INTAKE WEIR



PLAN

PLAN

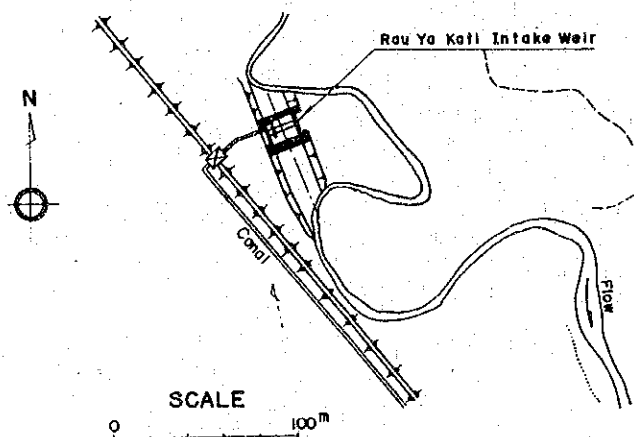


SECTION A-A

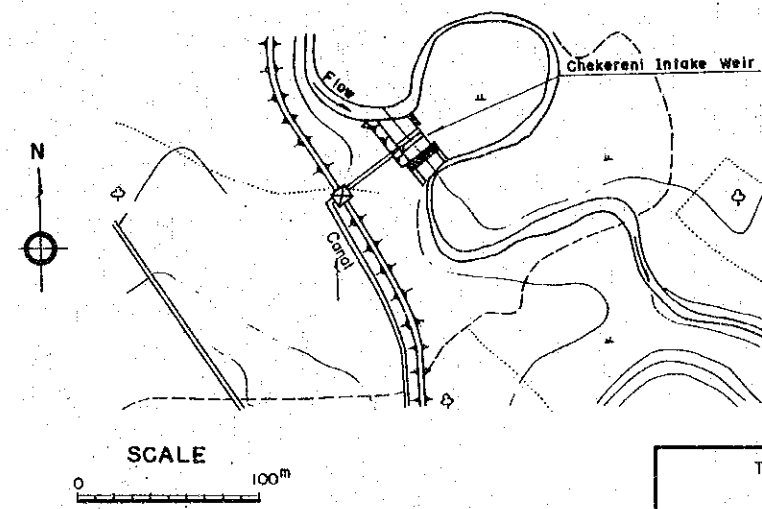
SECTION B-B

SECTION A-A

SECTION B-B



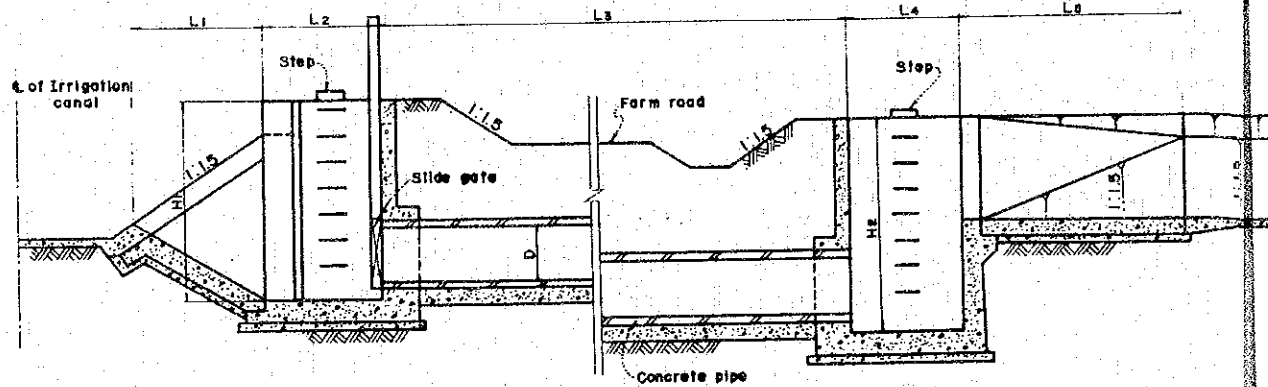
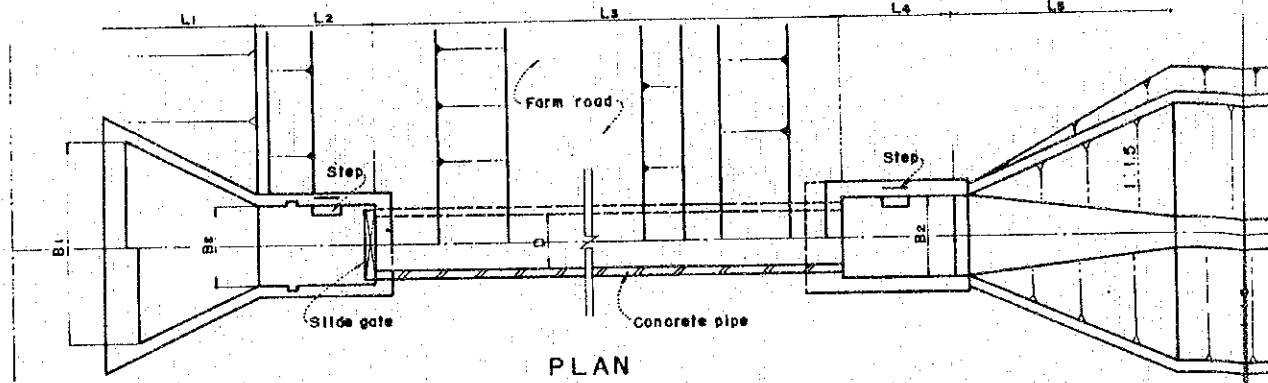
KEY PLAN



KEY PLAN

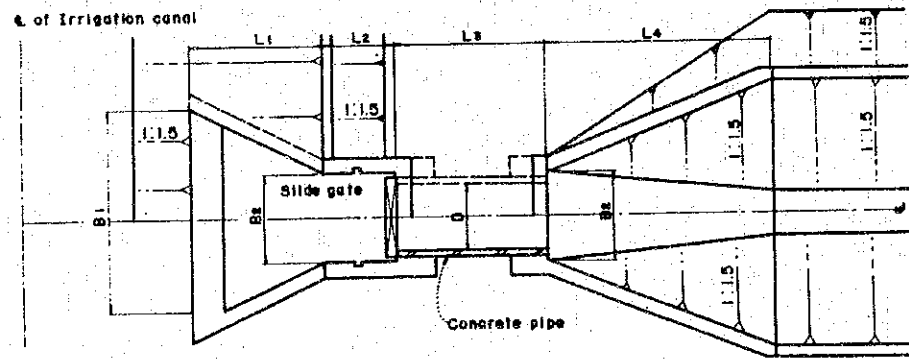
THE UNITED REPUBLIC OF TANZANIA KILIMANJARO REGION	
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWING	
INTAKE WEIR 2/2	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO	DWG. NO. 2-04

TURNOUT
TYPE - A

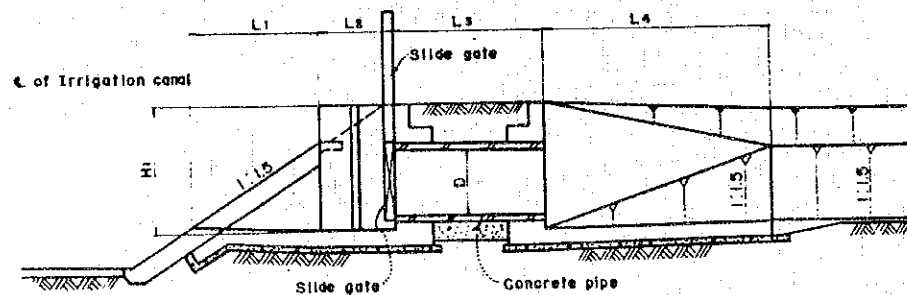


PROFILE

TYPE - B

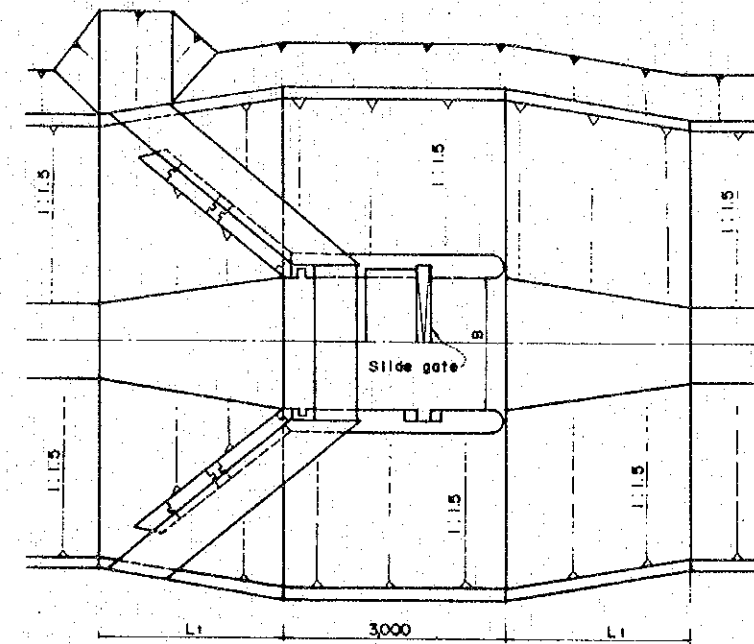


PLAN

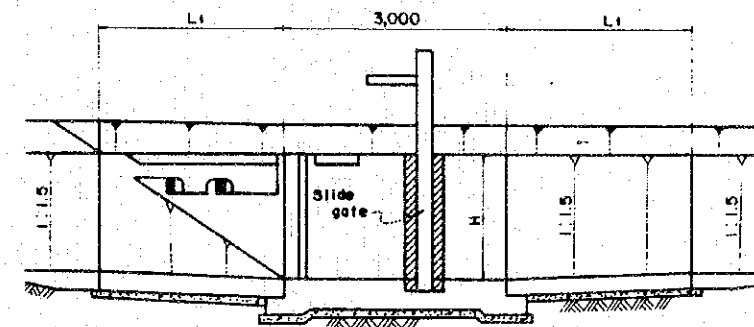


PROFILE

CHECK



PLAN



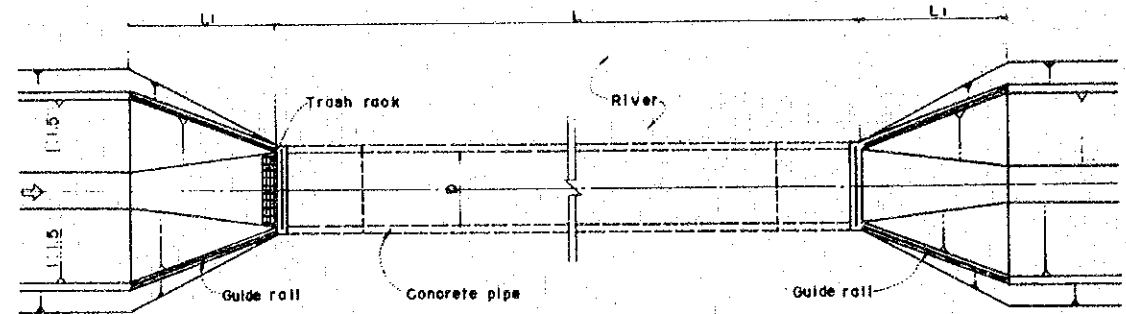
PROFILE

DIMENSION TABLE

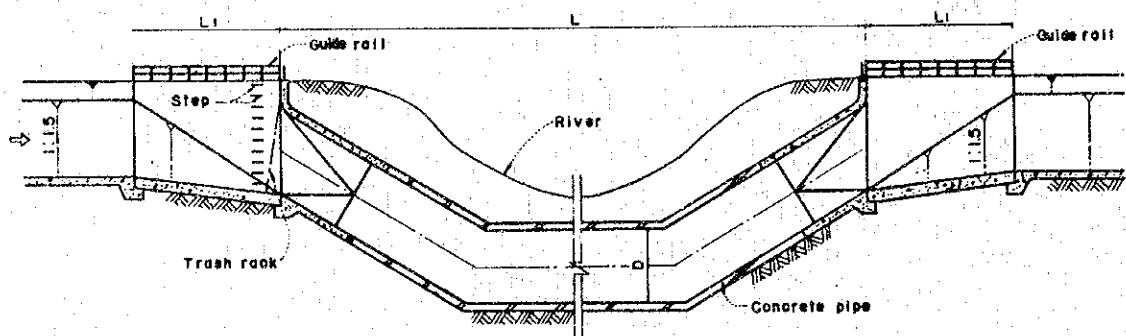
TURNOUT (mm)					
D	TYPE - A			TYPE - B	
	L2	L4	B2	L2	B2
400	800	800	600	800	600
500	900	900	700	900	700
600	1,100	1,050	800	1,100	850
700	1,300	1,200	1,000	1,300	1,000
800	1,400	1,300	1,100	1,400	1,100

THE UNITED REPUBLIC OF TANZANIA
KILIMANJARO REGION
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
TITLE OF DRAWING
TURNOUT & CHECK
JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO.
TOKYO 2-05

SIPHON

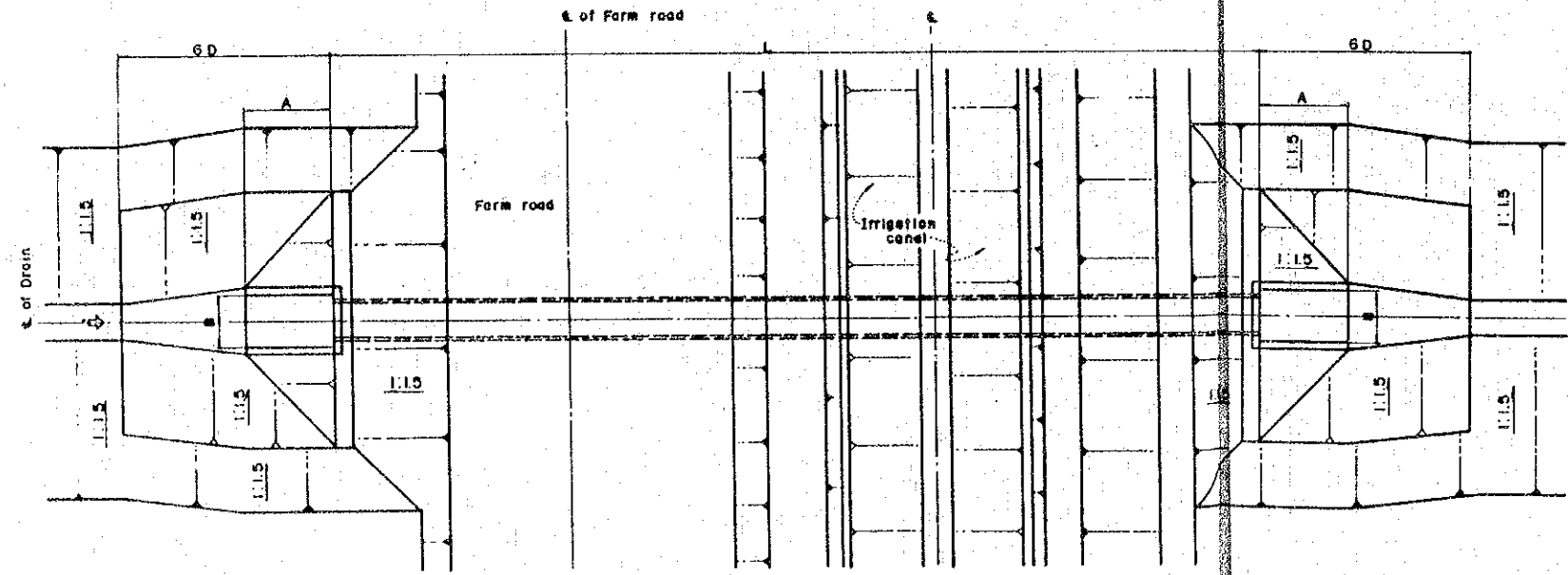


PLAN

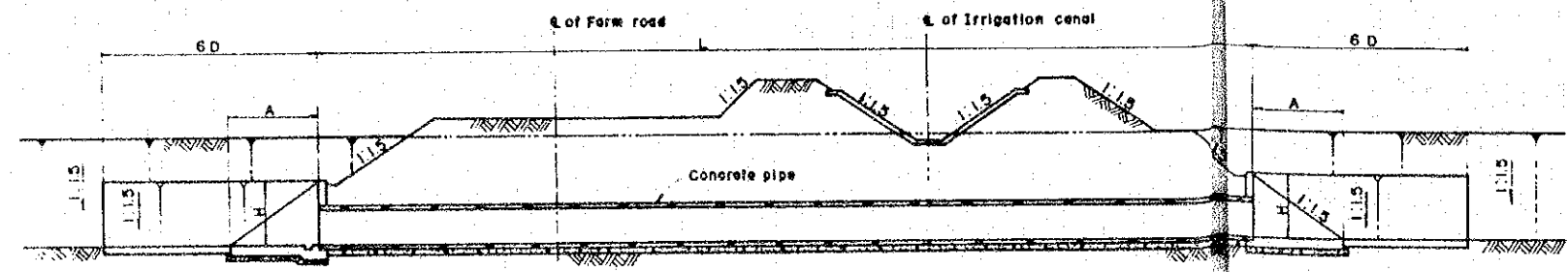


PROFILE

CROSSDRAIN

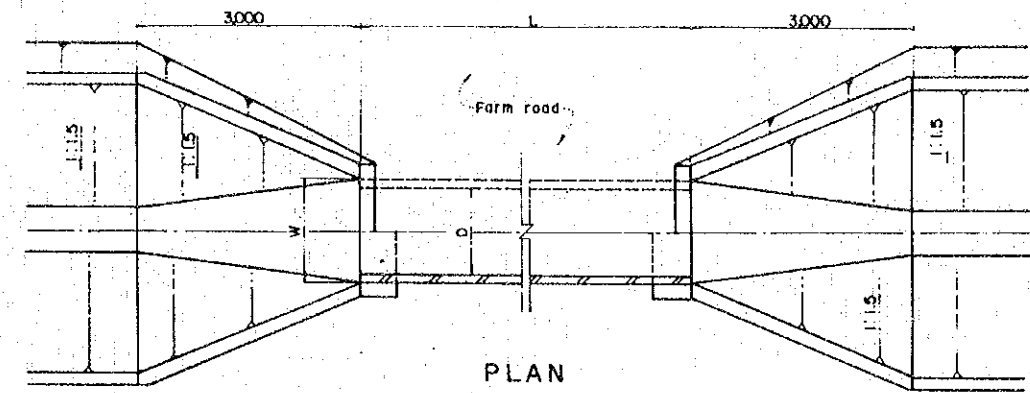


PLAN

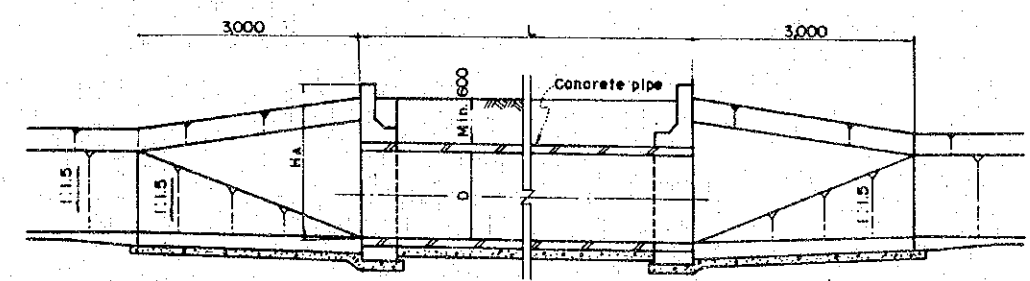


PROFILE

CULVERT



PLAN



PROFILE

DIMENSION TABLE

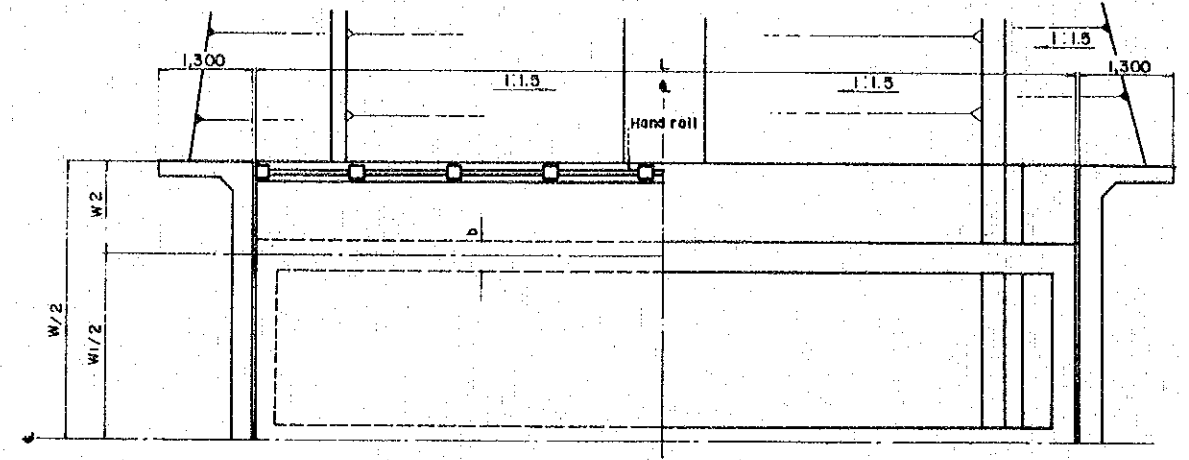
SIPHON (mm)	
D	L
700	3,000
800	3,000
900	3,500
1,000	4,000

CROSSDRAIN (mm)			
D	A	B	H
500	900	700	750
600	1,125	850	900
700	1,350	1,000	1,000
800	1,500	1,100	1,100
900	1,725	1,250	1,250
1,000	1,950	1,400	1,400

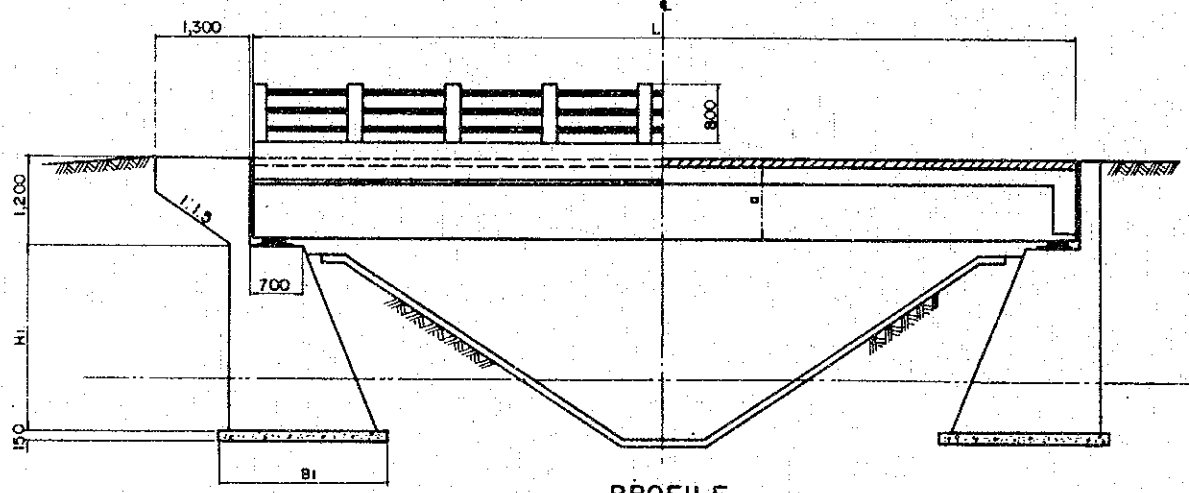
CULVERT (mm)		
D	W	HA
300	360	1,100
400	480	1,200
500	600	1,300
600	720	1,400
700	840	1,500
800	960	1,600
900	1,080	1,700
1,000	1,200	1,800

THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
SIPHON, CROSSDRAIN & CULVERT
 JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO.
 TOKYO 2-06

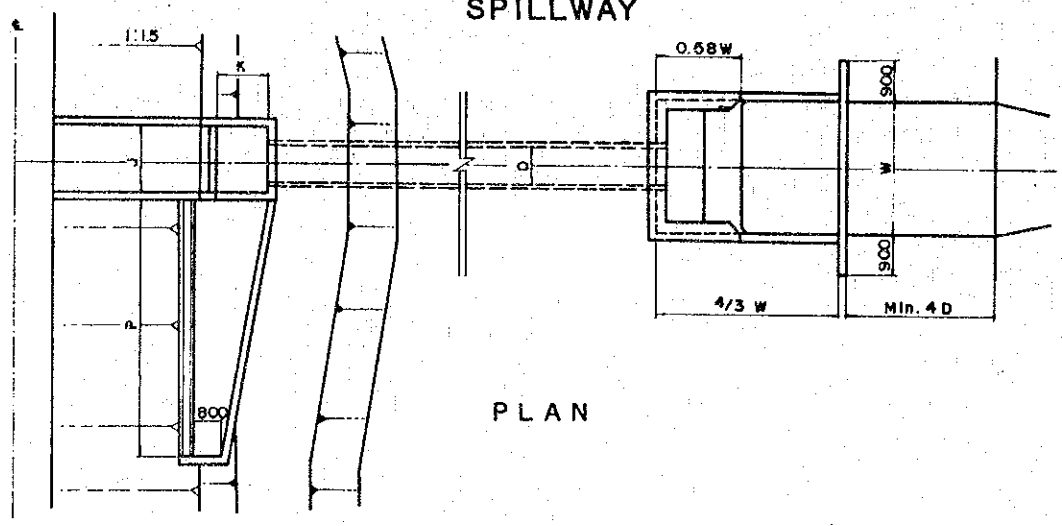
BRIDGE



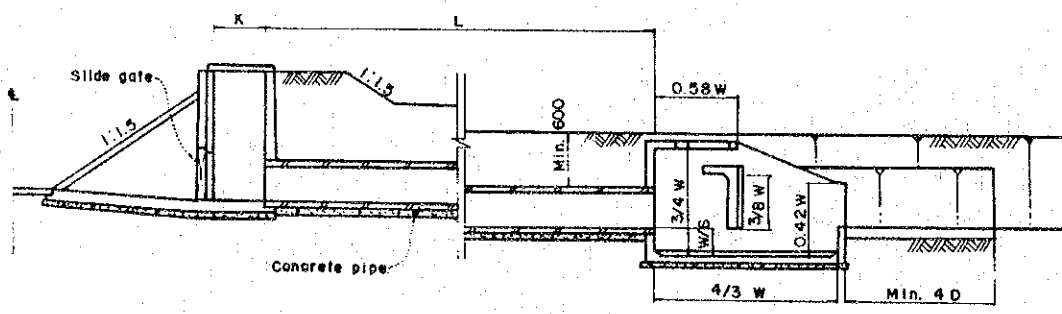
PLAN



PROFILE
SPILLWAY

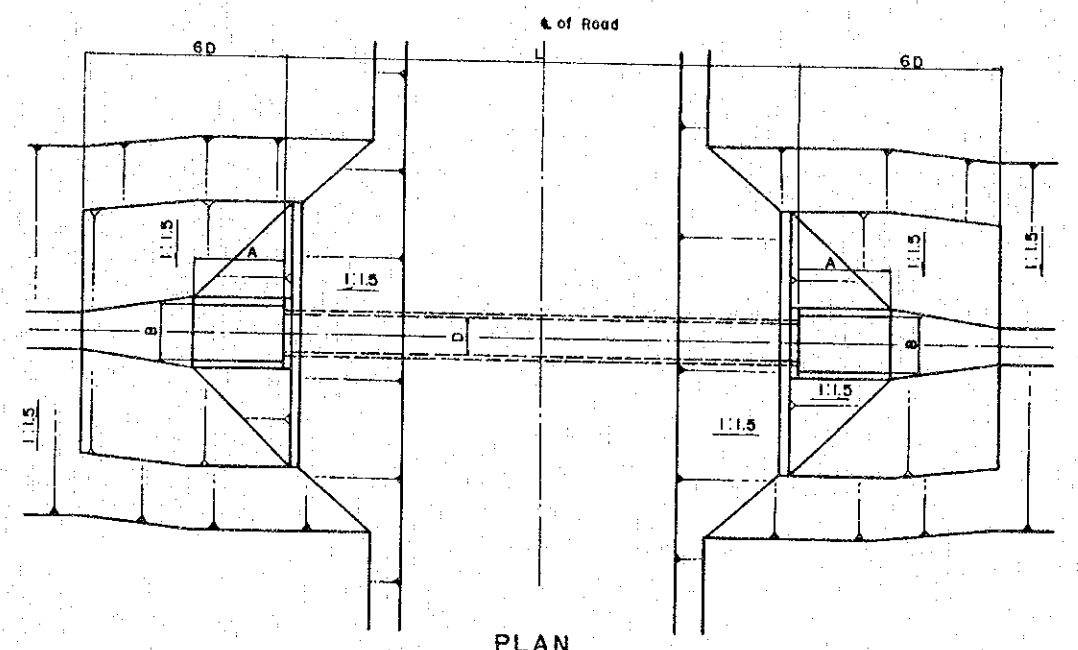


PLAN

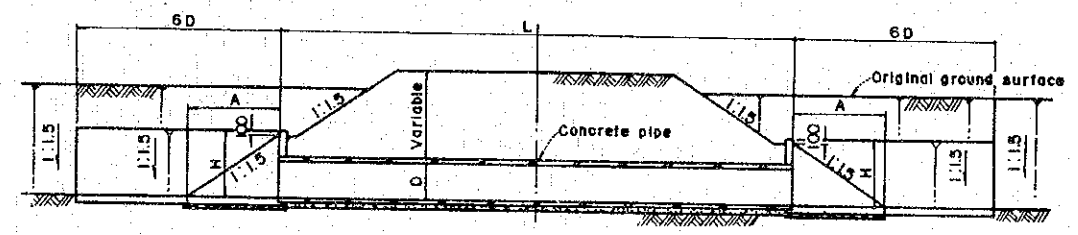


PROFILE

DRAINAGE CULVERT



PLAN



PROFILE

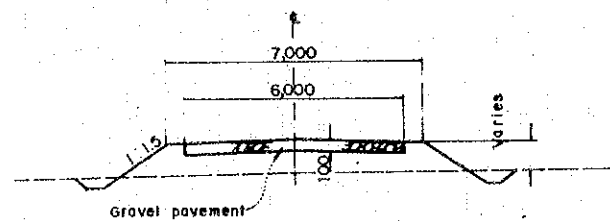
DIMENSION TABLE

DRAINAGE CULVERT (mm)			
D	A	B	H
400	750	600	600
500	900	700	750
600	1,125	850	900
700	1,350	1,000	1,000
800	1,500	1,100	1,100

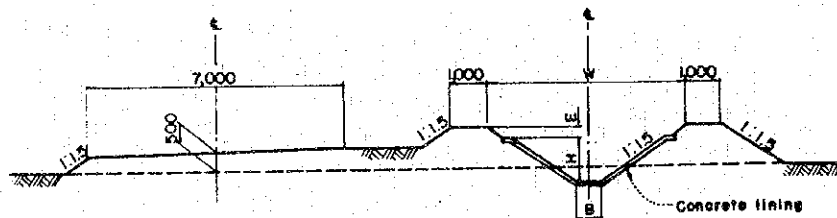
SPILLWAY (mm)			
D	J	K	W
400	600	1,000	1,200
500	700	1,100	1,500
600	850	1,200	1,700

THE UNITED REPUBLIC OF TANZANIA
KILIMANJARO REGION
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
TITLE OF DRAWING
BRIDGE, SPILLWAY & DRAINAGE CULVERT
JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO.
TOKYO 2-07

CROSS SECTION OF ROAD AND CANAL

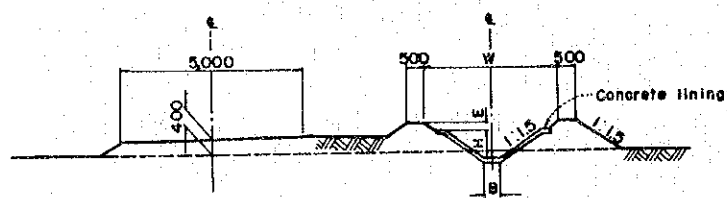


TRUNK FARM ROAD



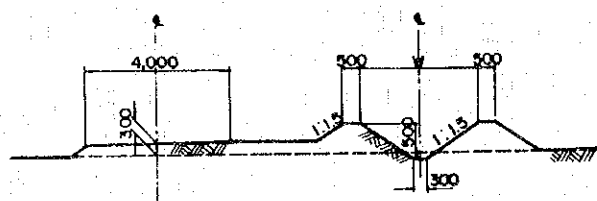
MAIN FARM ROAD

MAIN CANAL



SECONDARY FARM ROAD

SECONDARY CANAL



TERTIARY FARM ROAD

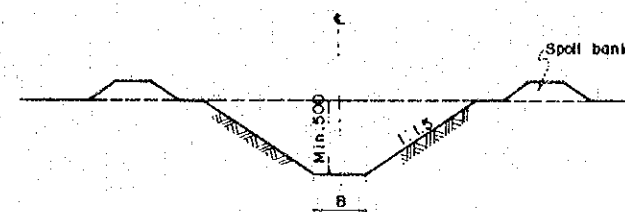
TERTIARY CANAL

DIMENSION TABLE OF CANAL

TYPE	B (m)	h max (m)	H (m)	E (m)	W (m)
A1	0.60	0.90	1.10	0.30	5.00
A2	-	0.80	1.00	-	4.70
B1	0.40	0.65	0.85	0.20	3.70
B2	-	0.55	0.75	-	3.40
C1	0.30	0.48	0.70	0.20	3.15
C2	-	0.35	0.55	-	2.70

h max : maximum water depth

CROSS SECTION OF DRAIN

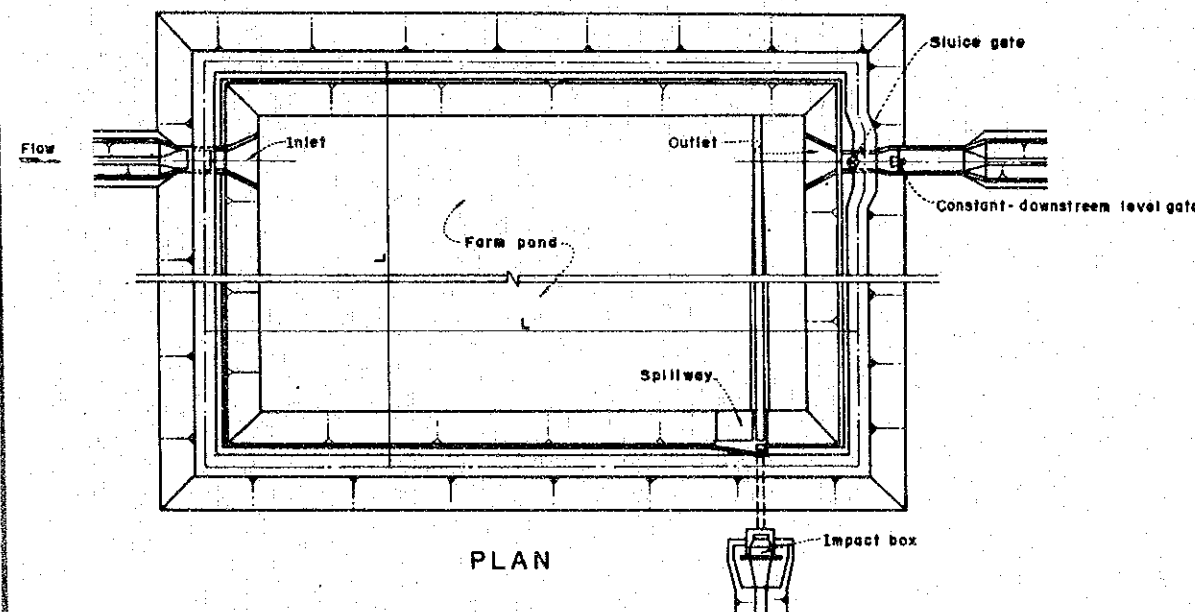


DRAIN

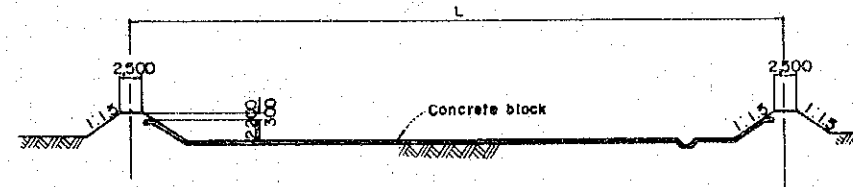
DIMENSION TABLE OF DRAIN

NAME OF DRAIN	B (m)
Main	2.0 ~ 1.0
Secondary	1.0 ~ 0.5
Tertiary	0.5 ~ 0.3

FARM POND



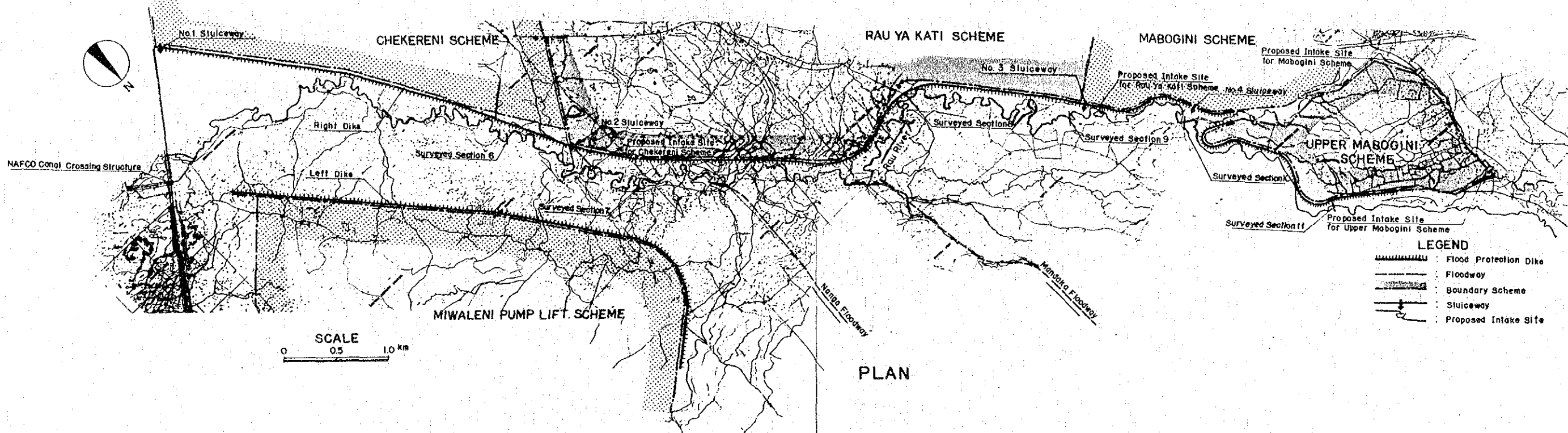
PLAN



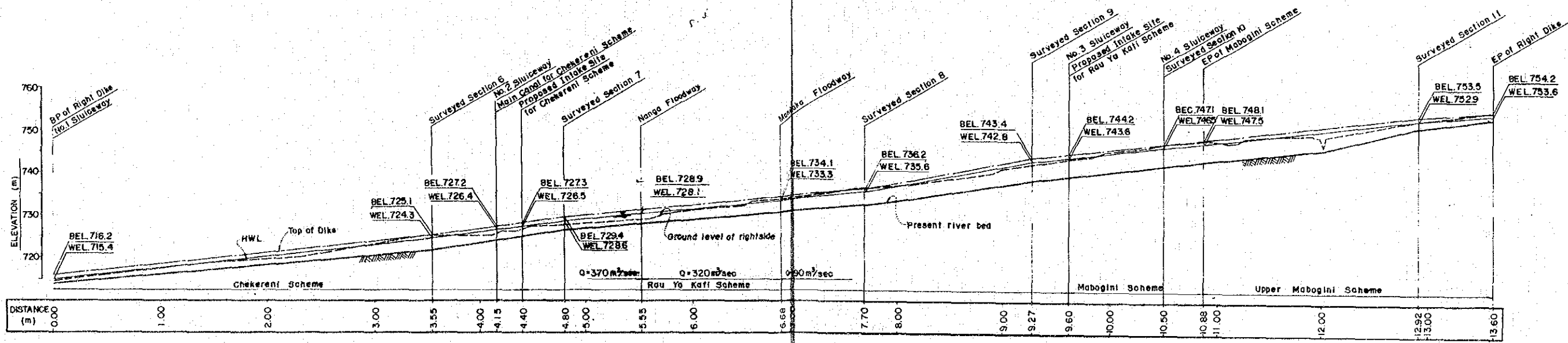
PROFILE

THE UNITED REPUBLIC OF TANZANIA
KILIMANJARO REGION
LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
TITLE OF DRAWING
**TYPICAL CROSS SECTION OF ROAD,
CANAL & DRAIN, AND FARM POND**
JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO

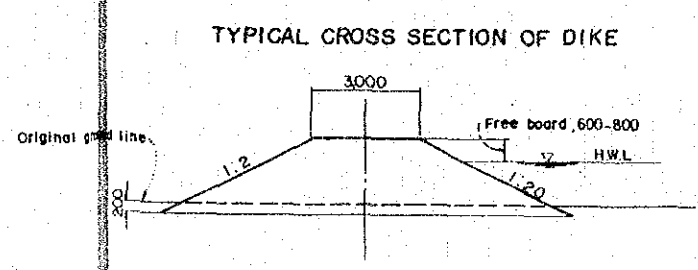
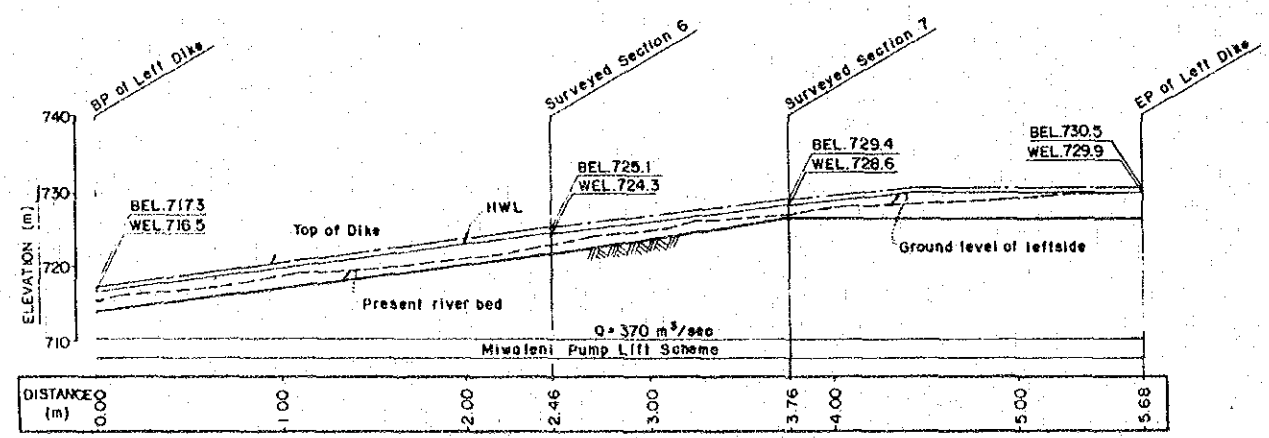
DWG. NO.
2-08



PLAN

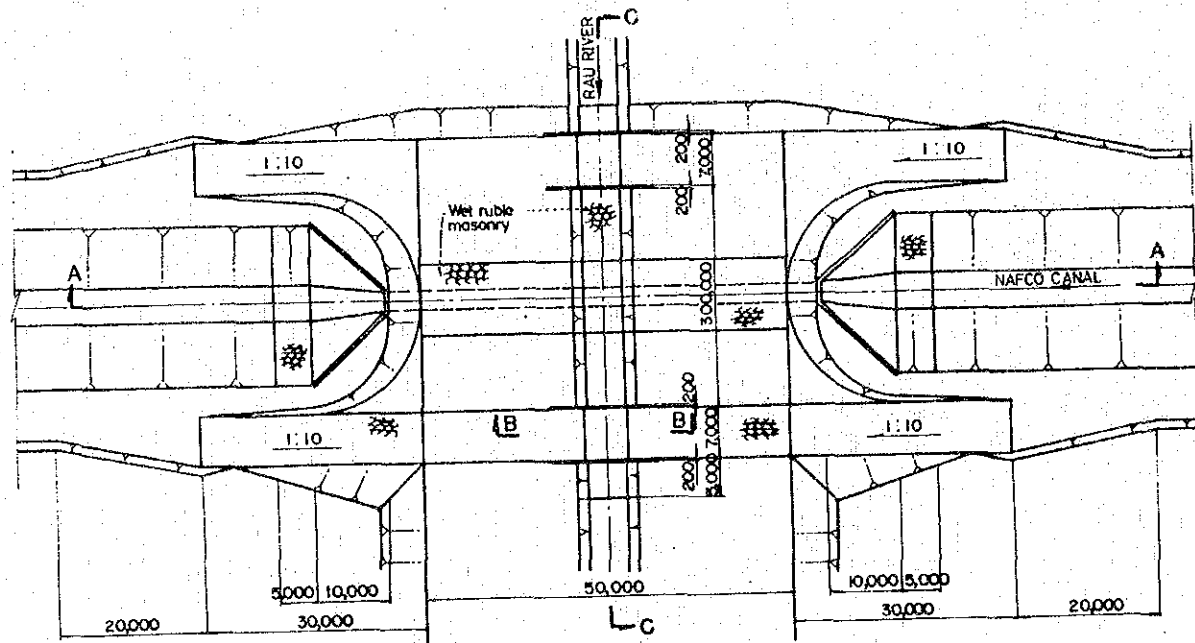


PROFILE

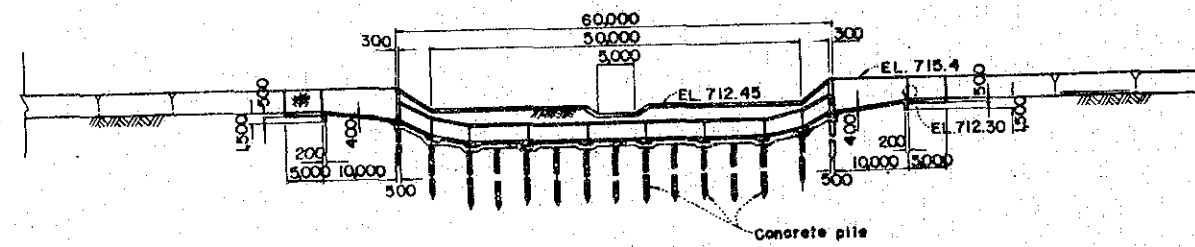


THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
RAU RIVER FLOOD PROTECTION
 1/2
 JAPAN INTERNATIONAL COOPERATION AGENCY | DWG. NO.
 TOKYO | 3-01

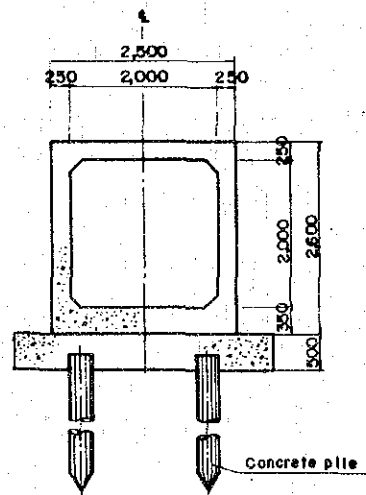
NAFCO CANAL CROSSING STRUCTURE



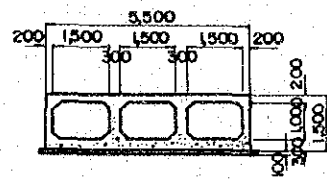
PLAN



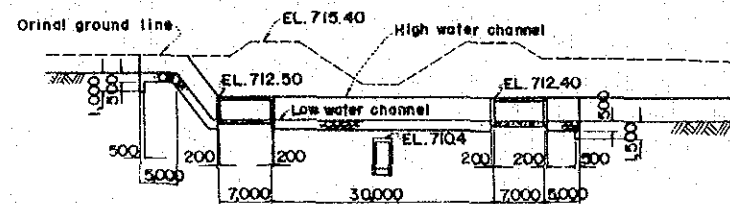
SECTION A-A



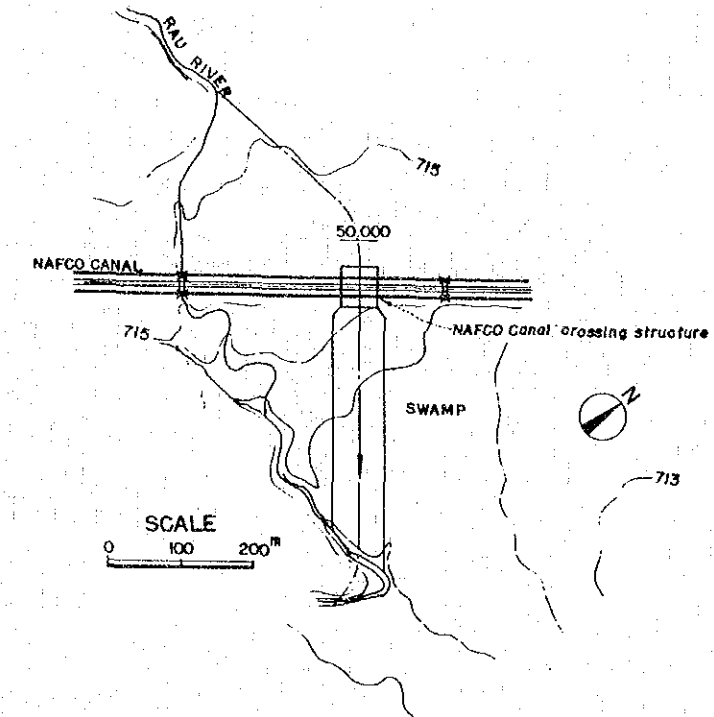
BOX SECTION



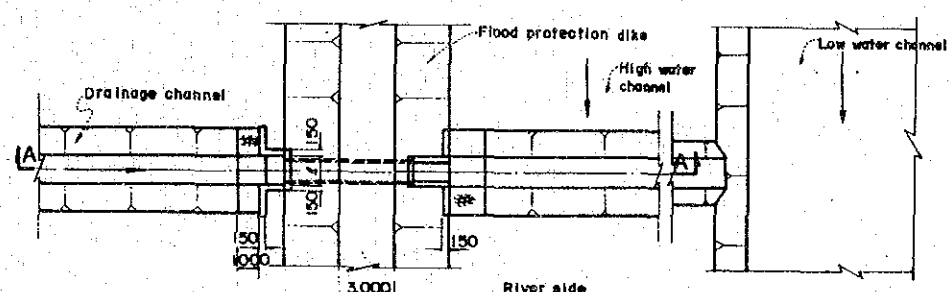
SECTION B-B



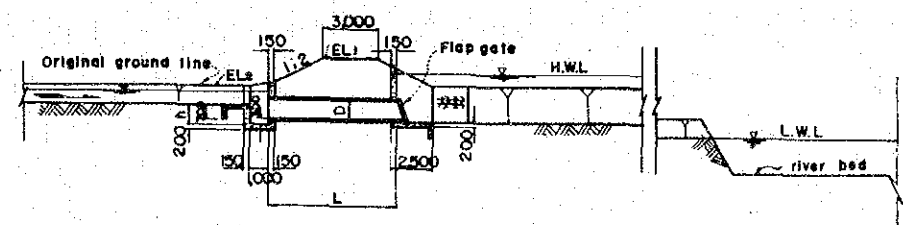
SECTION C-C



SLUICeway



SECTION A-A



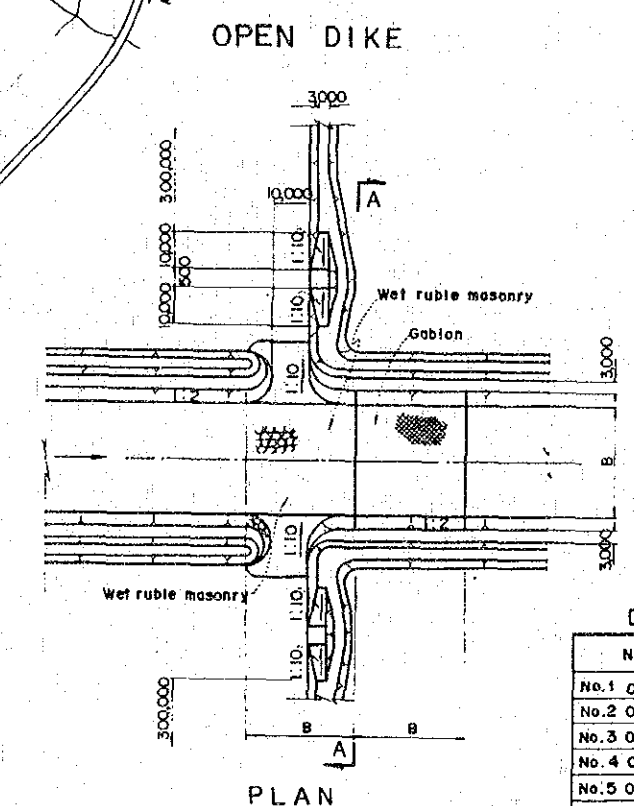
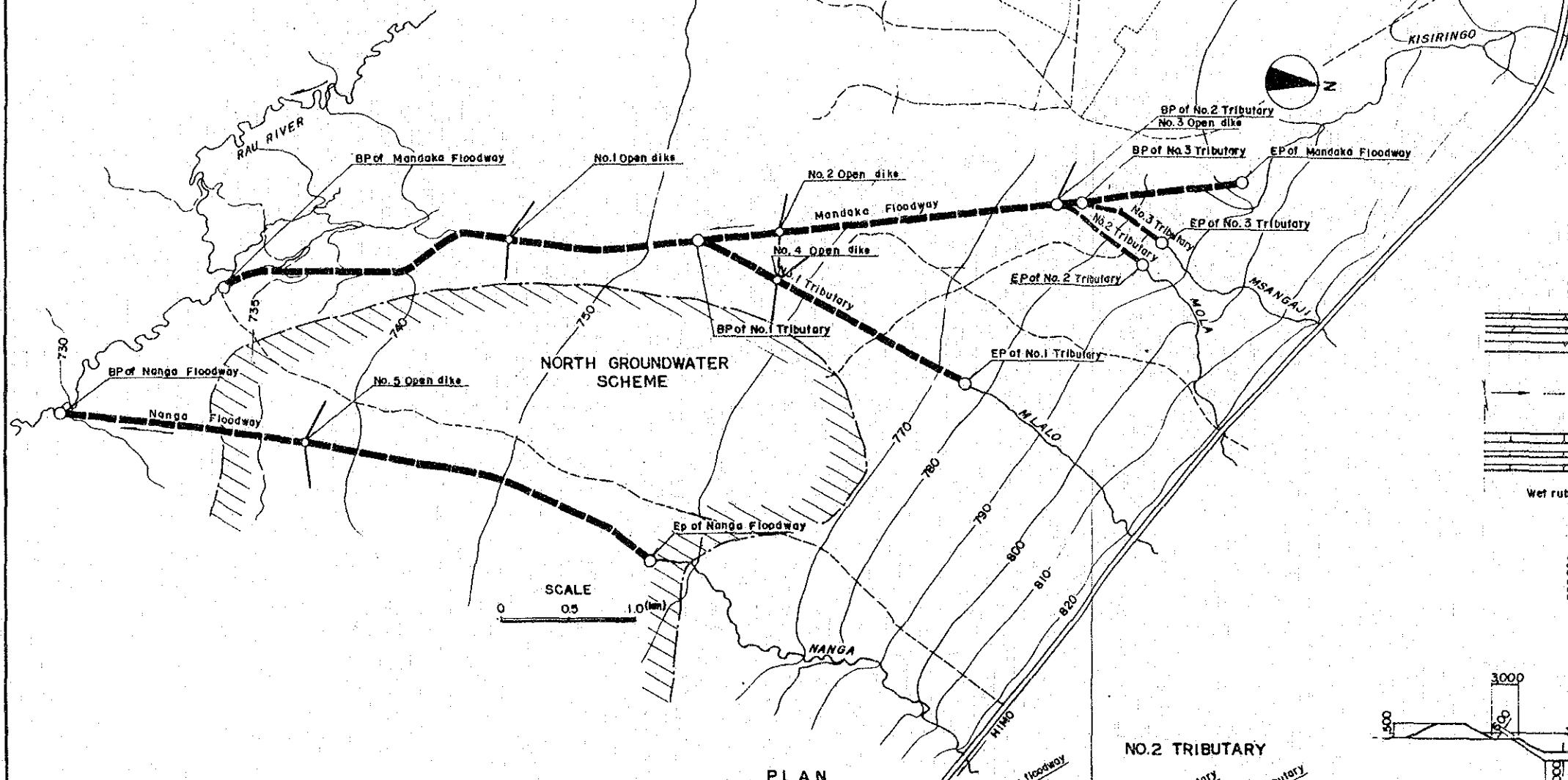
DIMENSION TABLE OF SLUICeway

Name	EL.1	EL.2	Discharge (m ³ /sec)	D (mm)	L (m)	h (mm)	l (m)
No. 1 Sluiceway	715.8	714.5	4.5	1,300x1,300	7	1,100	2.0
No. 2 Sluiceway	727.2	725.5	2.4	1,000	8	1,000	1.7
No. 3 Sluiceway	744.5	743.0	1.1	800	8	1,000	1.5
No. 4 Sluiceway	747.0	746.5	0.2	500	6	600	1.1

THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
RAU RIVER FLOOD PROTECTION
 2/2
 JAPAN INTERNATIONAL COOPERATION AGENCY
 TOKYO

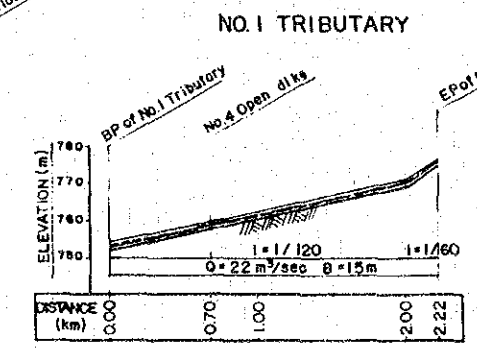
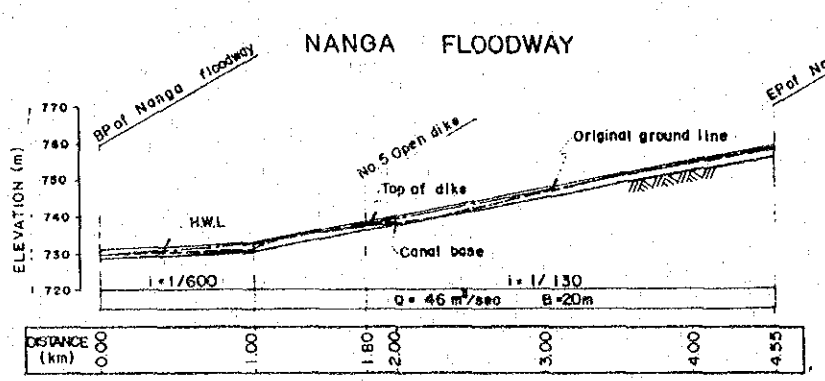
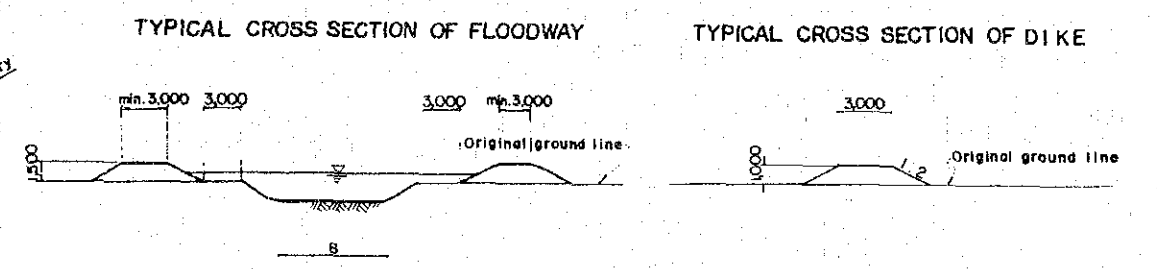
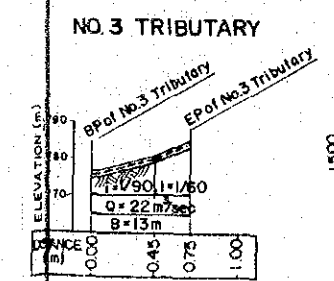
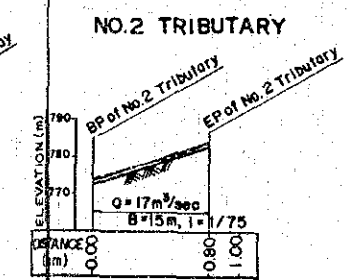
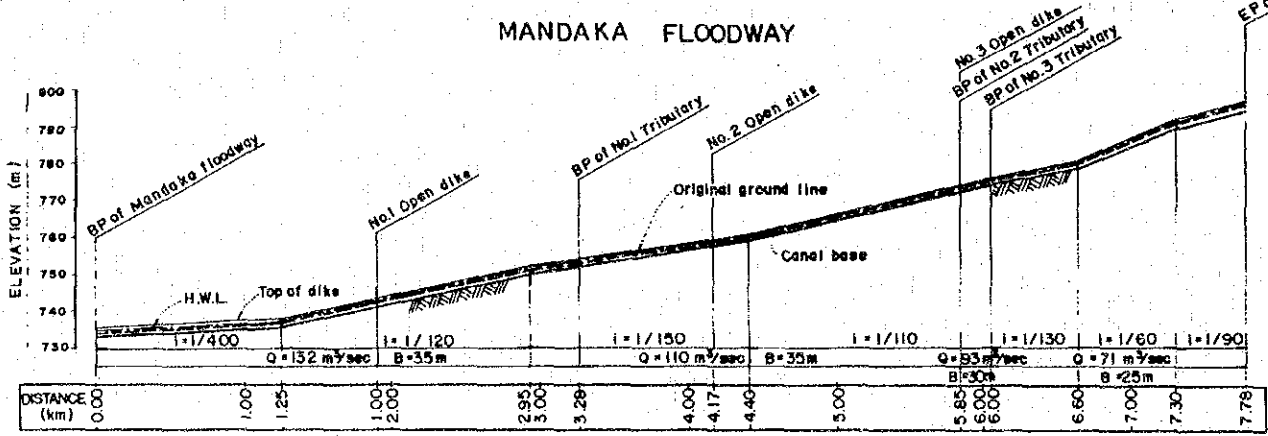
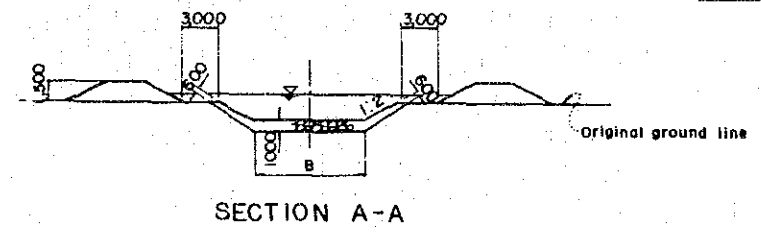
DWG. NO.
 3-02

MANDAKA AND NANGA FLOODWAYS

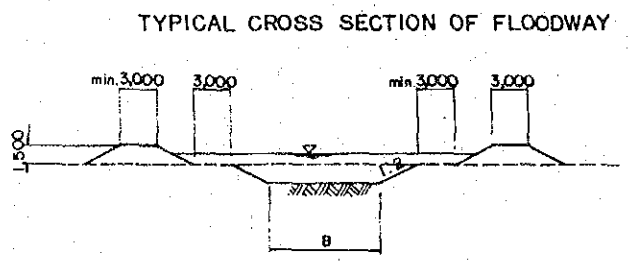
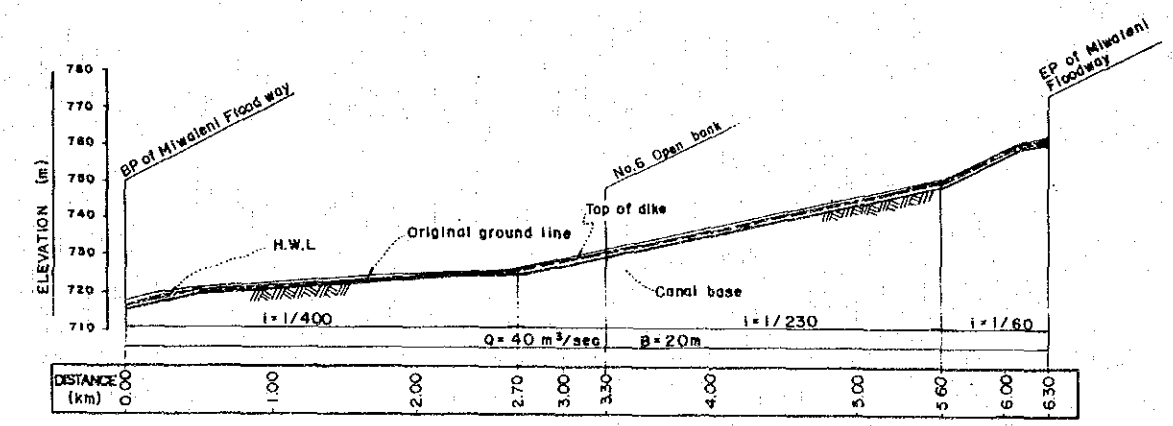
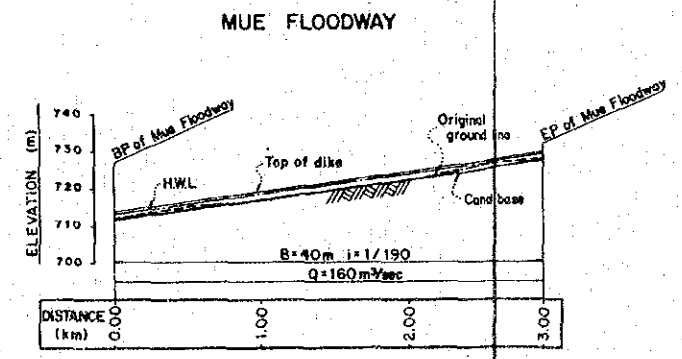
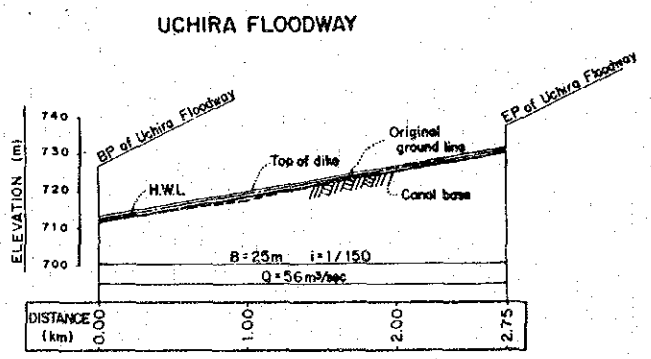
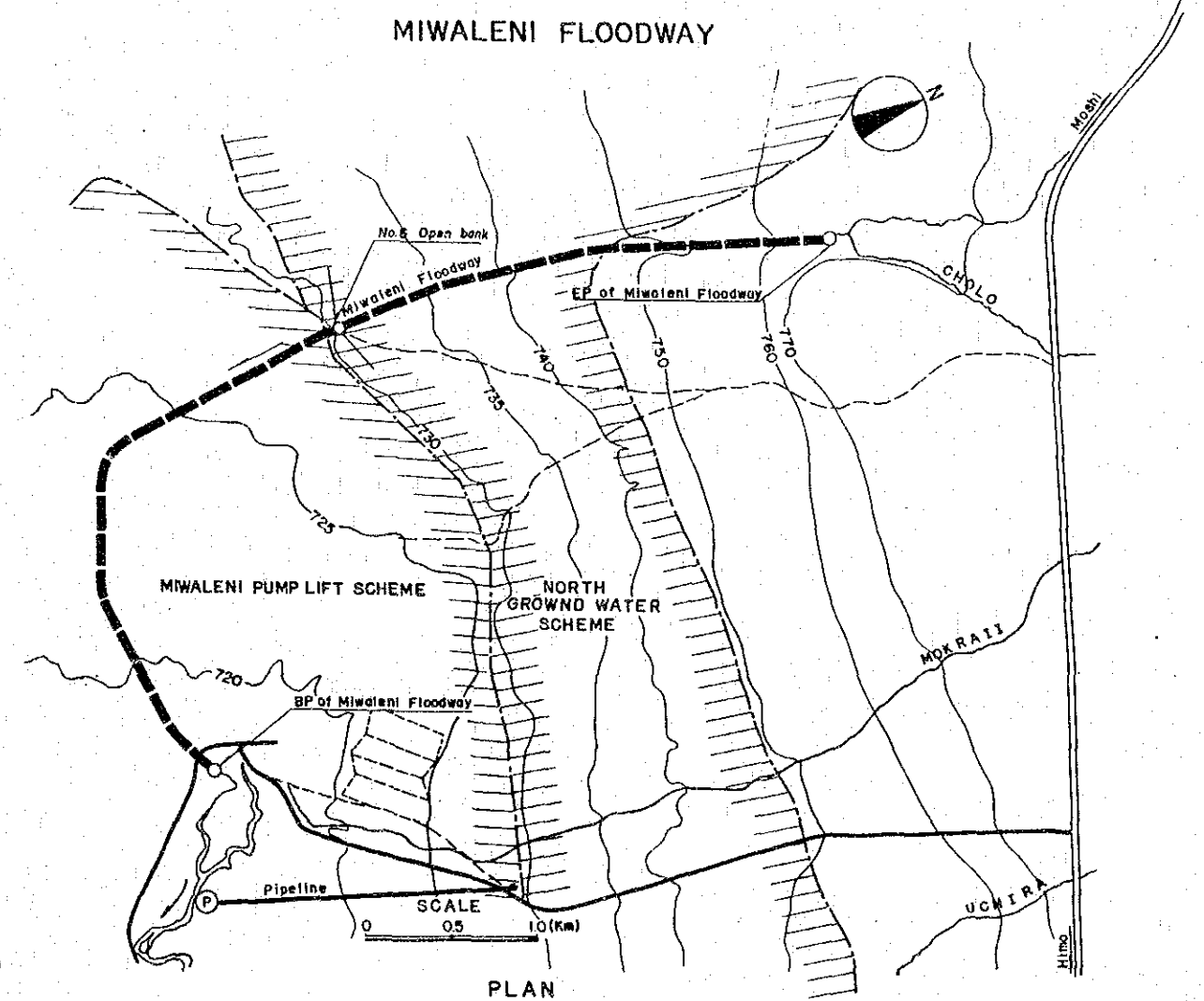
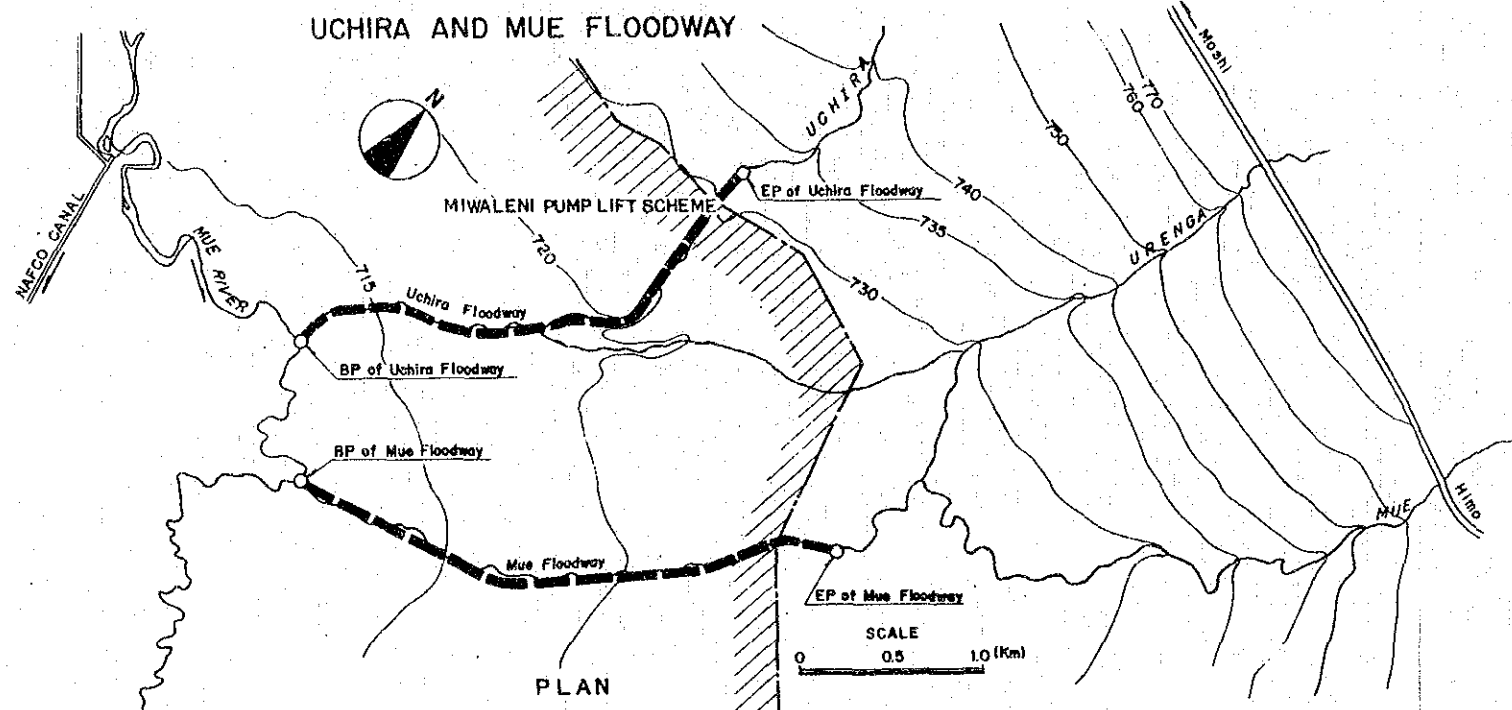


DIMENSION TABLE

Name	B (m)	Remarks
No.1 Open dike	35	Mandaka floodway
No.2 Open dike	35	-- do --
No.3 Open dike	35	-- do --
No.4 Open dike	15	-- do --
No.5 Open dike	20	Nanga floodway
No.6 Open dike	20	Miwani floodway



THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
MANDAKA & NANGA FLOODWAYS
 JAPAN INTERNATIONAL COOPERATION AGENCY DWG. NO.
 TOKYO 3-03



THE UNITED REPUBLIC OF TANZANIA
 KILIMANJARO REGION
 LOWER MOSHI AGRICULTURAL DEVELOPMENT PROJECT
 TITLE OF DRAWING
MIWALENI & MUE FLOODWAYS
 JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO
 DWG. NO.
 3-04

