

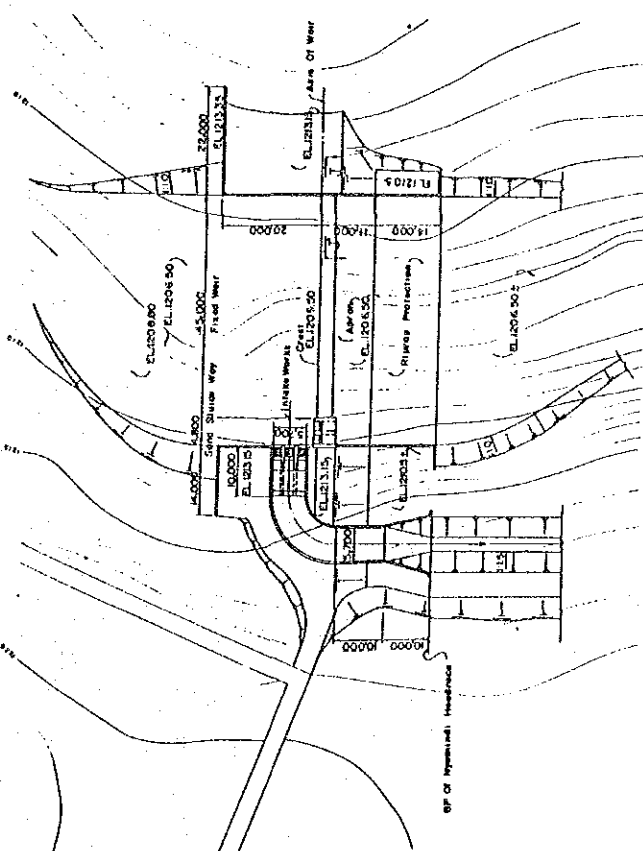
添付図面



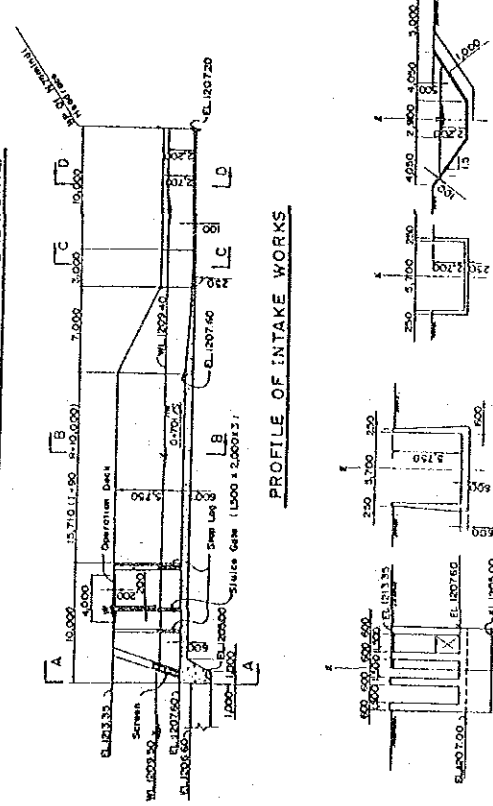
## 図 面 リ ス ト

プレート 番号	図面 番号	図 面 名
1	101	ニヤミンディ頭首工
2	102	ティバ頭首工
3	201	ニヤミンディ導水路およびニヤミンディ新幹線用水路縦断図
4	202	連絡水路-I 縦断図 (1/3)
5	203	連絡水路-I 縦断図 (2/3)
6	204	連絡水路-I 縦断図 (3/3)
7	205	ニヤミンディ幹線用水路縦断図 (1/2)
8	206	ニヤミンディ幹線用水路縦断図 (2/2)
9	207	連絡水路-II 縦断図
10	208	ティバ幹線用水路縦断図 (1/3)
11	209	ティバ幹線用水路縦断図 (2/3)
12	210	ティバ幹線用水路縦断図 (3/3)
13	211	ティバ支線用水路-IV 縦断図 (1/5)
14	212	ティバ支線用水路-IV 縦断図 (2/5)
15	213	ティバ支線用水路-IV 縦断図 (3/5)
16	214	ティバ支線用水路-IV 縦断図 (4/5)
17	215	ティバ支線用水路-IV 縦断図 (5/5)
18	301	ニヤミンディ分水工
19	302	サイフォン (連絡水路-I)
20	303	分水工 (タイプ-A & B)
21	304	チェック (タイプ-A)
22	305	チェック (タイプ-B)
23	306	チェック (タイプ-C & D)
24	307	落差工 (タイプ-A & B)
25	308	暗渠 (タイプ-A & B)
26	309	広頂堰および刃形堰
27	310	洗濯場および階段
28	311	家畜水飲場
29	312	簡易橋
30	313	余水吐 (タイプ-A)
31	314	余水吐 (タイプ-B & C)

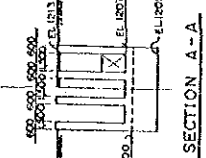
プレート 番号	図面 番号	図 面 名
32	315	サイフォン (ティバ支線用水路-IV)
33	316	再利用流入工および雑工
34	317	圃場内施設 (パイロット・ファーム)
35	318	内水路橋 (パイロット・ファーム)
36	401	排水暗渠 (タイプA & B)
37	402	排水サイフォン
38	403	排水流入工および排水合流工
39	501	パイロット・ファームレイアウト
40	502	幹線圃場用水路
41	503	支線圃場用水路No.1
42	504	支線圃場用水路No.2およびNo.3
43	505	承水路No.1 (1/2)
44	506	承水路No.1 (2/2)
45	507	承水路No.2
46	508	承水路No.3およびNo.4
47	509	幹線圃場集水路No.1
48	510	幹線圃場集水路No.2
49	511	支線圃場集水路No.1
50	512	支線圃場集水路No.2およびNo.3
51	601	パイロット・ファーム建築施設
52	602	管理棟 (1/2)
53	603	管理棟 (2/2)
54	604	多目的倉庫
55	605	専門家用宿舎
56	606	講師用宿舎
57	607	機械化センター



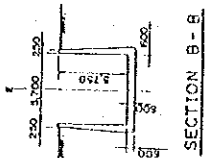
PLAN OF NEW NYAMINDI HEADWORKS



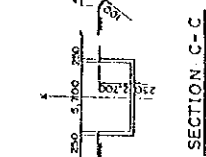
PROFILE OF INTAKE WORKS



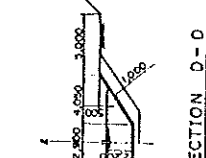
SECTION A-A



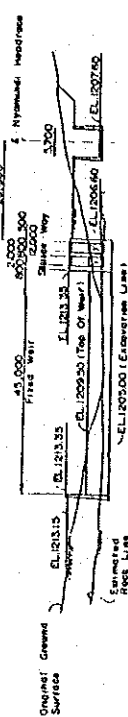
SECTION B-B



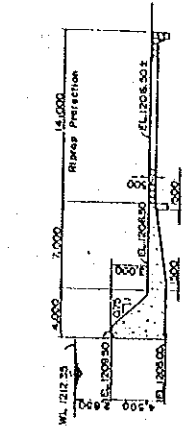
SECTION C-C



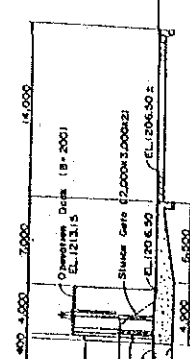
SECTION D-D



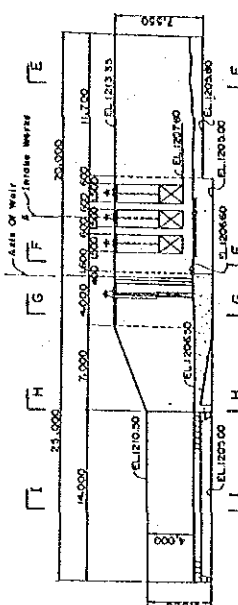
PROFILE OF WEIR



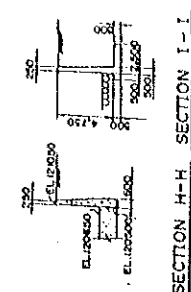
CROSS SECTION OF FIXED WEIR



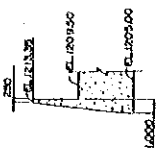
CROSS SECTION OF SAND SLUICeway



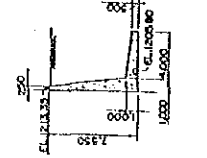
PROFILE OF INTAKE SIDE WALL



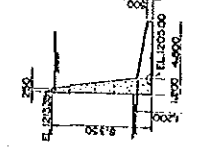
SECTION H-H SECTION I-I



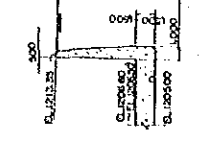
SECTION J-J



SECTION E-E



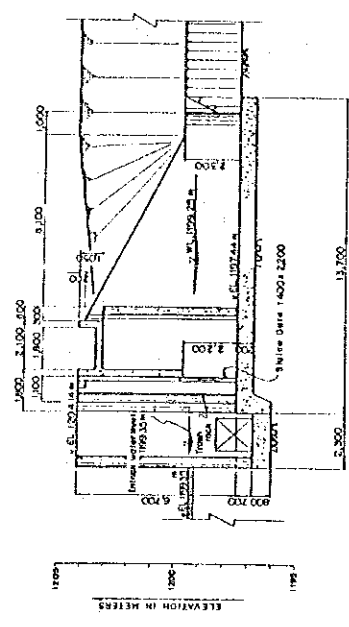
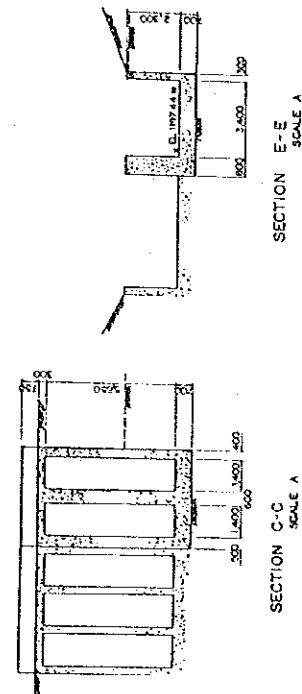
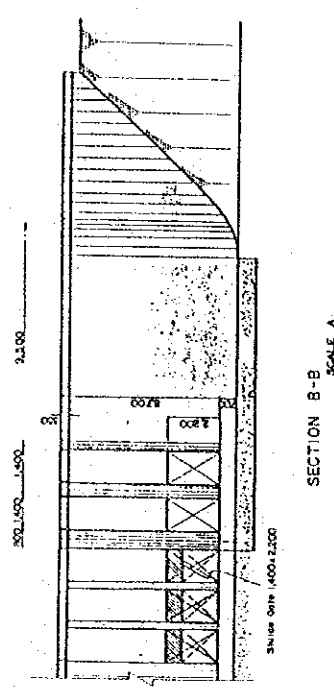
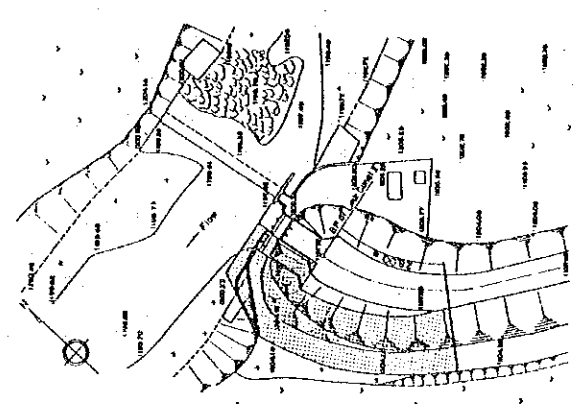
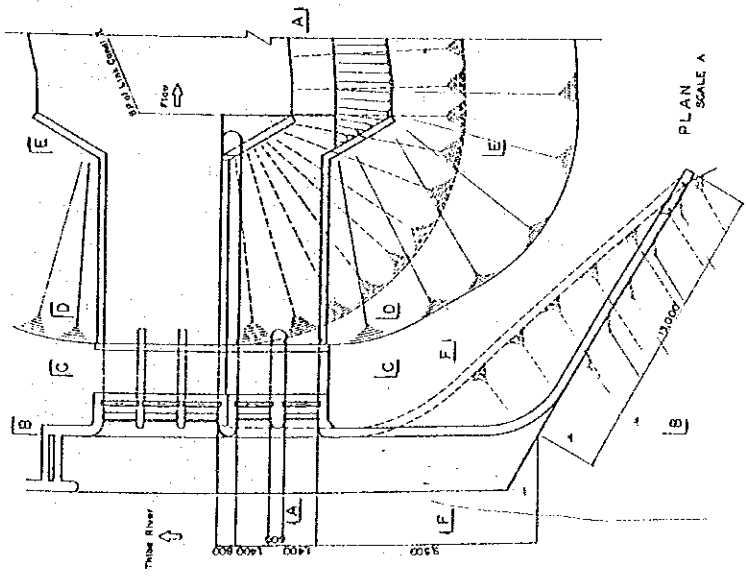
SECTION F-F



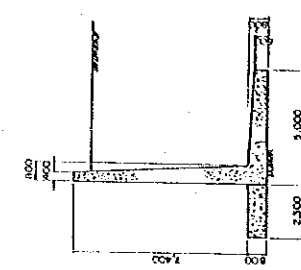
SECTION G-G

REPUBLIC OF KENYA
NATIONAL IRRIGATION BOARD
MWEA IRRIGATION SETTLEMENT SCHEME
DEVELOPMENT PROJECT
TITLE OF DRAWING
ニヤミンディ頭首工
JAPAN INTERNATIONAL COOPERATION AGENCY (DWG. NO. 101)
TEIKYO JAPAN

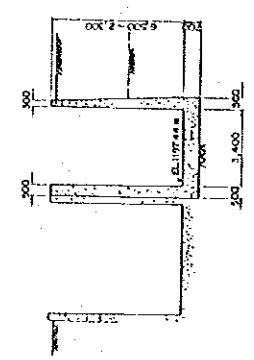




SECTION E-E SCALE A



SECTION D-D SCALE A



SCALE A 0 5 10 20 30 40 50 100

SCALE B 0 10 20 30 40 50 100

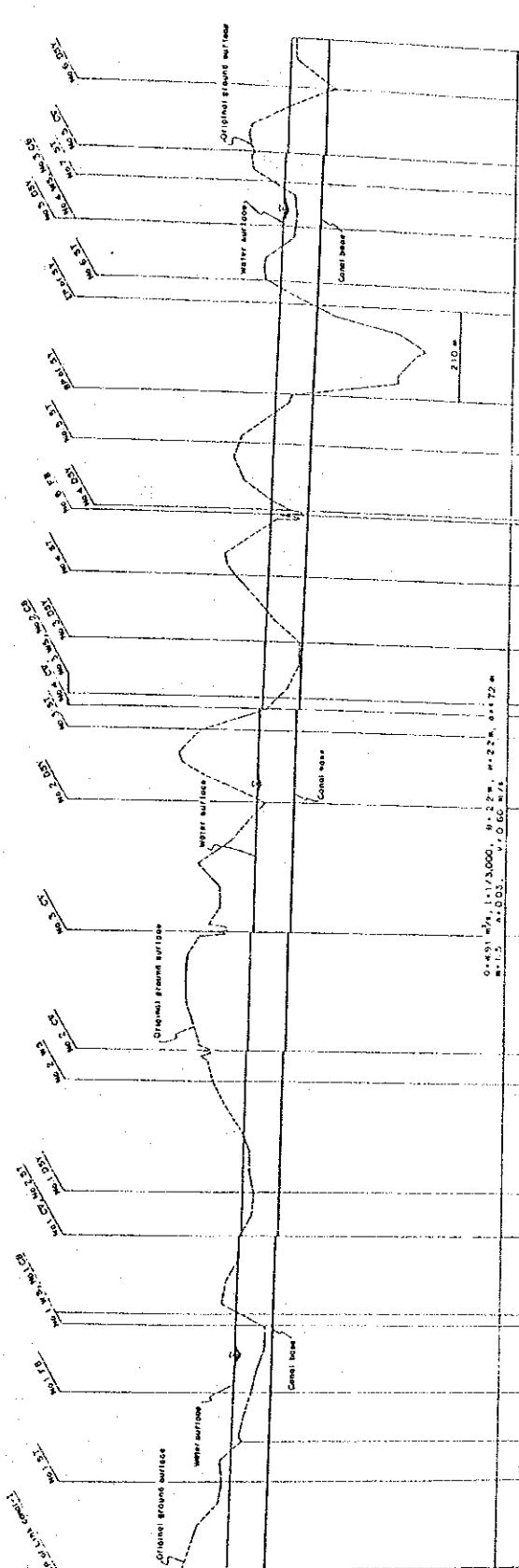
REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
NATIONAL IRRIGATION BOARD	TOKYO, JAPAN
MWEA IRRIGATION SETTLEMENT SCHEME DEVELOPMENT PROJECT	
TITLE OF DRAWING	チイバ頭工
	DRG. NO. 102



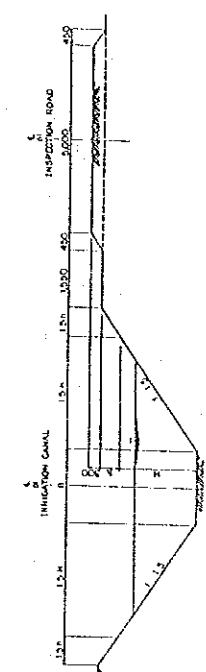








STATION NO.	BANK ELEVATION	WATER SURFACE ELEVATION	CANAL BANK ELEVATION	GROUND SURFACE ELEVATION	DISTANCE	REDUCED DISTANCE	CURVE
0+000	1215.0	1215.0	1215.0	1215.0	0.00	0.00	
0+010	1215.0	1215.0	1215.0	1215.0	10.00	10.00	
0+020	1215.0	1215.0	1215.0	1215.0	20.00	20.00	
0+030	1215.0	1215.0	1215.0	1215.0	30.00	30.00	
0+040	1215.0	1215.0	1215.0	1215.0	40.00	40.00	
0+050	1215.0	1215.0	1215.0	1215.0	50.00	50.00	
0+060	1215.0	1215.0	1215.0	1215.0	60.00	60.00	
0+070	1215.0	1215.0	1215.0	1215.0	70.00	70.00	
0+080	1215.0	1215.0	1215.0	1215.0	80.00	80.00	
0+090	1215.0	1215.0	1215.0	1215.0	90.00	90.00	
0+100	1215.0	1215.0	1215.0	1215.0	100.00	100.00	
0+110	1215.0	1215.0	1215.0	1215.0	110.00	110.00	
0+120	1215.0	1215.0	1215.0	1215.0	120.00	120.00	
0+130	1215.0	1215.0	1215.0	1215.0	130.00	130.00	
0+140	1215.0	1215.0	1215.0	1215.0	140.00	140.00	
0+150	1215.0	1215.0	1215.0	1215.0	150.00	150.00	
0+160	1215.0	1215.0	1215.0	1215.0	160.00	160.00	
0+170	1215.0	1215.0	1215.0	1215.0	170.00	170.00	
0+180	1215.0	1215.0	1215.0	1215.0	180.00	180.00	
0+190	1215.0	1215.0	1215.0	1215.0	190.00	190.00	
0+200	1215.0	1215.0	1215.0	1215.0	200.00	200.00	
0+210	1215.0	1215.0	1215.0	1215.0	210.00	210.00	
0+220	1215.0	1215.0	1215.0	1215.0	220.00	220.00	
0+230	1215.0	1215.0	1215.0	1215.0	230.00	230.00	
0+240	1215.0	1215.0	1215.0	1215.0	240.00	240.00	
0+250	1215.0	1215.0	1215.0	1215.0	250.00	250.00	
0+260	1215.0	1215.0	1215.0	1215.0	260.00	260.00	
0+270	1215.0	1215.0	1215.0	1215.0	270.00	270.00	
0+280	1215.0	1215.0	1215.0	1215.0	280.00	280.00	
0+290	1215.0	1215.0	1215.0	1215.0	290.00	290.00	
0+300	1215.0	1215.0	1215.0	1215.0	300.00	300.00	
0+310	1215.0	1215.0	1215.0	1215.0	310.00	310.00	
0+320	1215.0	1215.0	1215.0	1215.0	320.00	320.00	
0+330	1215.0	1215.0	1215.0	1215.0	330.00	330.00	
0+340	1215.0	1215.0	1215.0	1215.0	340.00	340.00	
0+350	1215.0	1215.0	1215.0	1215.0	350.00	350.00	
0+360	1215.0	1215.0	1215.0	1215.0	360.00	360.00	
0+370	1215.0	1215.0	1215.0	1215.0	370.00	370.00	
0+380	1215.0	1215.0	1215.0	1215.0	380.00	380.00	
0+390	1215.0	1215.0	1215.0	1215.0	390.00	390.00	
0+400	1215.0	1215.0	1215.0	1215.0	400.00	400.00	
0+410	1215.0	1215.0	1215.0	1215.0	410.00	410.00	
0+420	1215.0	1215.0	1215.0	1215.0	420.00	420.00	
0+430	1215.0	1215.0	1215.0	1215.0	430.00	430.00	
0+440	1215.0	1215.0	1215.0	1215.0	440.00	440.00	
0+450	1215.0	1215.0	1215.0	1215.0	450.00	450.00	
0+460	1215.0	1215.0	1215.0	1215.0	460.00	460.00	
0+470	1215.0	1215.0	1215.0	1215.0	470.00	470.00	
0+480	1215.0	1215.0	1215.0	1215.0	480.00	480.00	
0+490	1215.0	1215.0	1215.0	1215.0	490.00	490.00	
0+500	1215.0	1215.0	1215.0	1215.0	500.00	500.00	



SCALES  
 HORIZONTAL 1:5000  
 VERTICAL 1:100

- Note
- EX - Existing structure unnecessary
  - RE - Existing structure to be rehabilitated
  - NE - New structure to be rehabilitated
  - DL - Existing structure to be demolished
  - TO - Tunnel
  - SI - Culvert
  - CA - Canal
  - DR - Drop
  - DB - Drainage bridge
  - SB - Submerge bridge
  - CP - Canal
  - RA - Retaining structure
  - SW - Sluice structure
  - AD - Weir
  - MS - Masonry structure
  - SI - Dip
  - CI - Drilling (m)
  - WB - Washing bay
  - FB - Fuel tank
  - DB - Drainage bridge
  - SB - Submerge bridge
  - RA - Retaining structure
  - AD - Weir
  - MS - Masonry structure
  - SI - Dip
  - CI - Drilling (m)

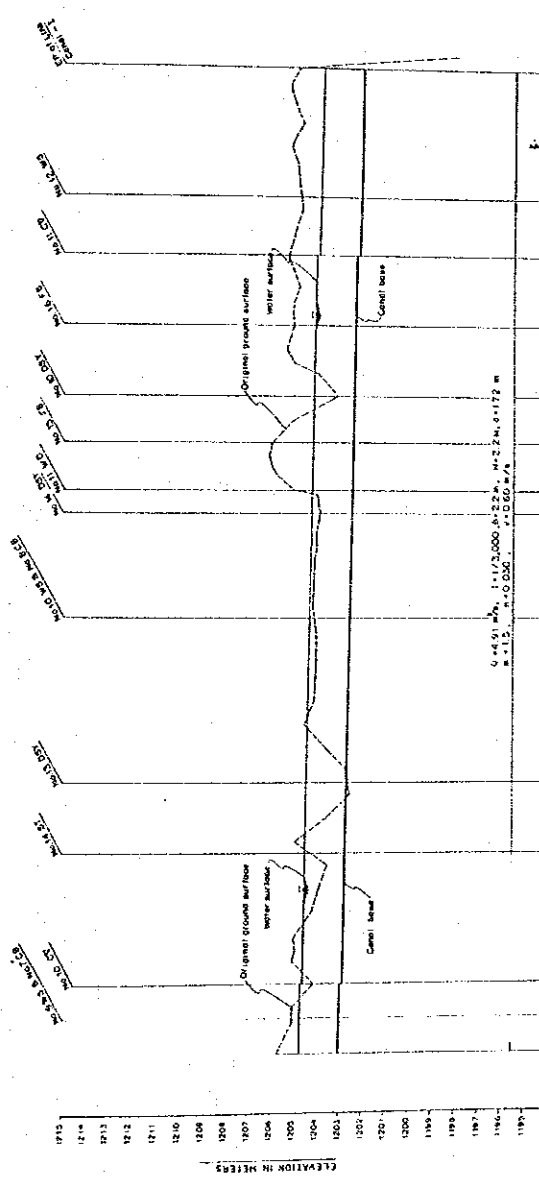
REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 通給水路 - I 縦断面 (1/3)

JAPAN INTERNATIONAL COOPERATION AGENCY  
 TOKYO JAPAN  
 DRAWING NO.  
 202

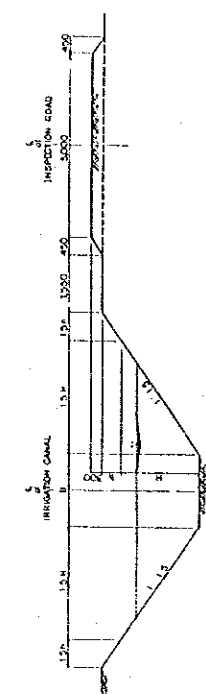




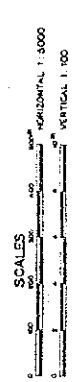




PROPOSED CONDITION	BANK ELEVATION	WATERSURFACE ELEVATION	CANAL BANK ELEVATION	GROUND SURFACE ELEVATION	DISTANCE	REDUCED DISTANCE	STATION NO.	CURVE
12+80.00	121.20	121.20	121.20	121.20	0.00	0.00	12+80.00	
12+79.00	121.20	121.20	121.20	121.20	0.00	0.00	12+79.00	
12+78.00	121.20	121.20	121.20	121.20	0.00	0.00	12+78.00	
12+77.00	121.20	121.20	121.20	121.20	0.00	0.00	12+77.00	
12+76.00	121.20	121.20	121.20	121.20	0.00	0.00	12+76.00	
12+75.00	121.20	121.20	121.20	121.20	0.00	0.00	12+75.00	
12+74.00	121.20	121.20	121.20	121.20	0.00	0.00	12+74.00	
12+73.00	121.20	121.20	121.20	121.20	0.00	0.00	12+73.00	
12+72.00	121.20	121.20	121.20	121.20	0.00	0.00	12+72.00	
12+71.00	121.20	121.20	121.20	121.20	0.00	0.00	12+71.00	
12+70.00	121.20	121.20	121.20	121.20	0.00	0.00	12+70.00	
12+69.00	121.20	121.20	121.20	121.20	0.00	0.00	12+69.00	
12+68.00	121.20	121.20	121.20	121.20	0.00	0.00	12+68.00	
12+67.00	121.20	121.20	121.20	121.20	0.00	0.00	12+67.00	
12+66.00	121.20	121.20	121.20	121.20	0.00	0.00	12+66.00	
12+65.00	121.20	121.20	121.20	121.20	0.00	0.00	12+65.00	
12+64.00	121.20	121.20	121.20	121.20	0.00	0.00	12+64.00	
12+63.00	121.20	121.20	121.20	121.20	0.00	0.00	12+63.00	
12+62.00	121.20	121.20	121.20	121.20	0.00	0.00	12+62.00	
12+61.00	121.20	121.20	121.20	121.20	0.00	0.00	12+61.00	
12+60.00	121.20	121.20	121.20	121.20	0.00	0.00	12+60.00	
12+59.00	121.20	121.20	121.20	121.20	0.00	0.00	12+59.00	
12+58.00	121.20	121.20	121.20	121.20	0.00	0.00	12+58.00	
12+57.00	121.20	121.20	121.20	121.20	0.00	0.00	12+57.00	
12+56.00	121.20	121.20	121.20	121.20	0.00	0.00	12+56.00	
12+55.00	121.20	121.20	121.20	121.20	0.00	0.00	12+55.00	
12+54.00	121.20	121.20	121.20	121.20	0.00	0.00	12+54.00	
12+53.00	121.20	121.20	121.20	121.20	0.00	0.00	12+53.00	
12+52.00	121.20	121.20	121.20	121.20	0.00	0.00	12+52.00	
12+51.00	121.20	121.20	121.20	121.20	0.00	0.00	12+51.00	
12+50.00	121.20	121.20	121.20	121.20	0.00	0.00	12+50.00	
12+49.00	121.20	121.20	121.20	121.20	0.00	0.00	12+49.00	
12+48.00	121.20	121.20	121.20	121.20	0.00	0.00	12+48.00	
12+47.00	121.20	121.20	121.20	121.20	0.00	0.00	12+47.00	
12+46.00	121.20	121.20	121.20	121.20	0.00	0.00	12+46.00	
12+45.00	121.20	121.20	121.20	121.20	0.00	0.00	12+45.00	
12+44.00	121.20	121.20	121.20	121.20	0.00	0.00	12+44.00	
12+43.00	121.20	121.20	121.20	121.20	0.00	0.00	12+43.00	
12+42.00	121.20	121.20	121.20	121.20	0.00	0.00	12+42.00	
12+41.00	121.20	121.20	121.20	121.20	0.00	0.00	12+41.00	
12+40.00	121.20	121.20	121.20	121.20	0.00	0.00	12+40.00	
12+39.00	121.20	121.20	121.20	121.20	0.00	0.00	12+39.00	
12+38.00	121.20	121.20	121.20	121.20	0.00	0.00	12+38.00	
12+37.00	121.20	121.20	121.20	121.20	0.00	0.00	12+37.00	
12+36.00	121.20	121.20	121.20	121.20	0.00	0.00	12+36.00	
12+35.00	121.20	121.20	121.20	121.20	0.00	0.00	12+35.00	
12+34.00	121.20	121.20	121.20	121.20	0.00	0.00	12+34.00	
12+33.00	121.20	121.20	121.20	121.20	0.00	0.00	12+33.00	
12+32.00	121.20	121.20	121.20	121.20	0.00	0.00	12+32.00	
12+31.00	121.20	121.20	121.20	121.20	0.00	0.00	12+31.00	
12+30.00	121.20	121.20	121.20	121.20	0.00	0.00	12+30.00	
12+29.00	121.20	121.20	121.20	121.20	0.00	0.00	12+29.00	
12+28.00	121.20	121.20	121.20	121.20	0.00	0.00	12+28.00	
12+27.00	121.20	121.20	121.20	121.20	0.00	0.00	12+27.00	
12+26.00	121.20	121.20	121.20	121.20	0.00	0.00	12+26.00	
12+25.00	121.20	121.20	121.20	121.20	0.00	0.00	12+25.00	
12+24.00	121.20	121.20	121.20	121.20	0.00	0.00	12+24.00	
12+23.00	121.20	121.20	121.20	121.20	0.00	0.00	12+23.00	
12+22.00	121.20	121.20	121.20	121.20	0.00	0.00	12+22.00	
12+21.00	121.20	121.20	121.20	121.20	0.00	0.00	12+21.00	
12+20.00	121.20	121.20	121.20	121.20	0.00	0.00	12+20.00	
12+19.00	121.20	121.20	121.20	121.20	0.00	0.00	12+19.00	
12+18.00	121.20	121.20	121.20	121.20	0.00	0.00	12+18.00	
12+17.00	121.20	121.20	121.20	121.20	0.00	0.00	12+17.00	
12+16.00	121.20	121.20	121.20	121.20	0.00	0.00	12+16.00	
12+15.00	121.20	121.20	121.20	121.20	0.00	0.00	12+15.00	
12+14.00	121.20	121.20	121.20	121.20	0.00	0.00	12+14.00	
12+13.00	121.20	121.20	121.20	121.20	0.00	0.00	12+13.00	
12+12.00	121.20	121.20	121.20	121.20	0.00	0.00	12+12.00	
12+11.00	121.20	121.20	121.20	121.20	0.00	0.00	12+11.00	
12+10.00	121.20	121.20	121.20	121.20	0.00	0.00	12+10.00	
12+9.00	121.20	121.20	121.20	121.20	0.00	0.00	12+9.00	
12+8.00	121.20	121.20	121.20	121.20	0.00	0.00	12+8.00	
12+7.00	121.20	121.20	121.20	121.20	0.00	0.00	12+7.00	
12+6.00	121.20	121.20	121.20	121.20	0.00	0.00	12+6.00	
12+5.00	121.20	121.20	121.20	121.20	0.00	0.00	12+5.00	
12+4.00	121.20	121.20	121.20	121.20	0.00	0.00	12+4.00	
12+3.00	121.20	121.20	121.20	121.20	0.00	0.00	12+3.00	
12+2.00	121.20	121.20	121.20	121.20	0.00	0.00	12+2.00	
12+1.00	121.20	121.20	121.20	121.20	0.00	0.00	12+1.00	
12+0.00	121.20	121.20	121.20	121.20	0.00	0.00	12+0.00	



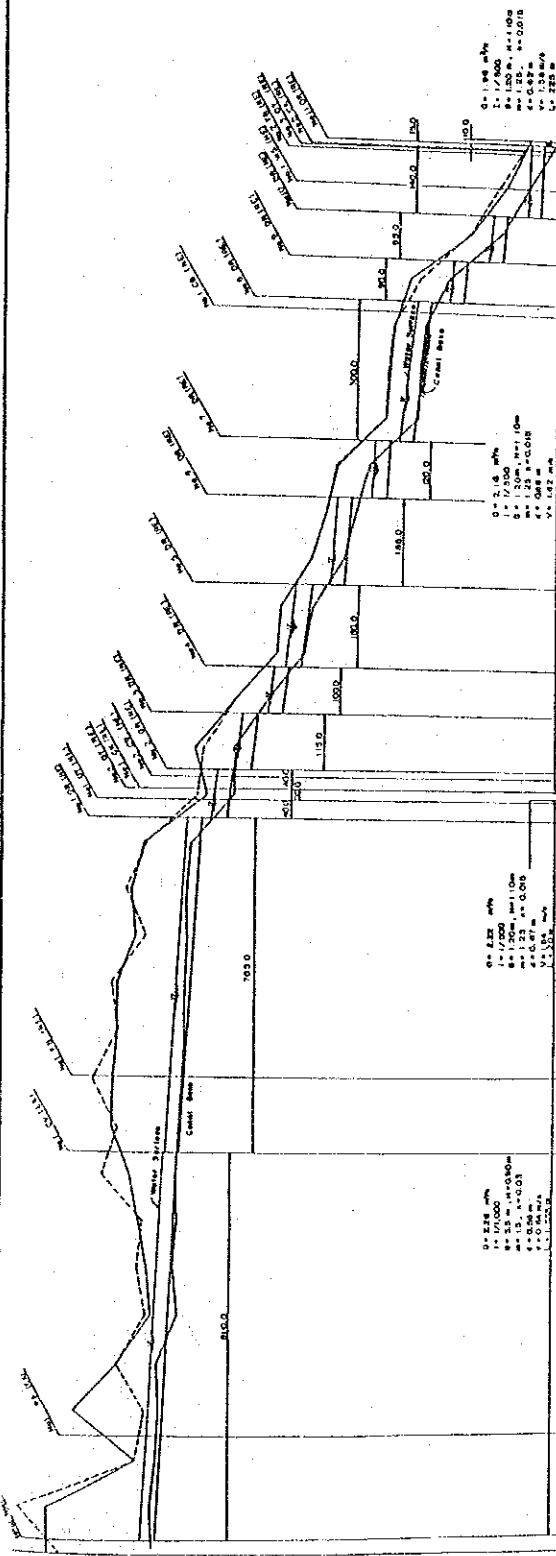
TYPICAL CROSS SECTION OF EARTH CANAL



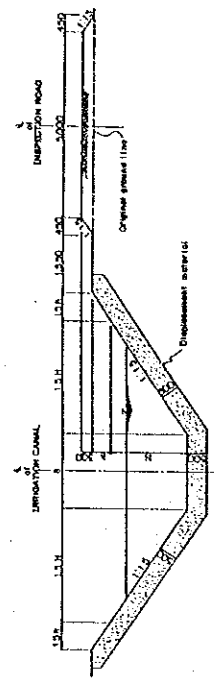
- RD - Existing structure (unshaded)
- RE - Existing structure to be rehabilitated
- NE - New structure to be constructed
- DE - Existing structure to be demolished
- RD - Existing structure (unshaded)
- RE - Existing structure to be rehabilitated
- NE - New structure to be constructed
- DE - Existing structure to be demolished
- RD - Existing structure (unshaded)
- RE - Existing structure to be rehabilitated
- NE - New structure to be constructed
- DE - Existing structure to be demolished







STATION No.	VERTICAL CURVES		HORIZONTAL CURVES	
	ELEVATION	STATION	STATION	ELEVATION
0+00	1000.00	1000.00	1000.00	1000.00
1+00	1000.00	1000.00	1000.00	1000.00
2+00	1000.00	1000.00	1000.00	1000.00
3+00	1000.00	1000.00	1000.00	1000.00
4+00	1000.00	1000.00	1000.00	1000.00
5+00	1000.00	1000.00	1000.00	1000.00
6+00	1000.00	1000.00	1000.00	1000.00
7+00	1000.00	1000.00	1000.00	1000.00
8+00	1000.00	1000.00	1000.00	1000.00
9+00	1000.00	1000.00	1000.00	1000.00
10+00	1000.00	1000.00	1000.00	1000.00
11+00	1000.00	1000.00	1000.00	1000.00
12+00	1000.00	1000.00	1000.00	1000.00
13+00	1000.00	1000.00	1000.00	1000.00
14+00	1000.00	1000.00	1000.00	1000.00
15+00	1000.00	1000.00	1000.00	1000.00
16+00	1000.00	1000.00	1000.00	1000.00
17+00	1000.00	1000.00	1000.00	1000.00
18+00	1000.00	1000.00	1000.00	1000.00
19+00	1000.00	1000.00	1000.00	1000.00
20+00	1000.00	1000.00	1000.00	1000.00
21+00	1000.00	1000.00	1000.00	1000.00
22+00	1000.00	1000.00	1000.00	1000.00
23+00	1000.00	1000.00	1000.00	1000.00
24+00	1000.00	1000.00	1000.00	1000.00
25+00	1000.00	1000.00	1000.00	1000.00
26+00	1000.00	1000.00	1000.00	1000.00
27+00	1000.00	1000.00	1000.00	1000.00
28+00	1000.00	1000.00	1000.00	1000.00
29+00	1000.00	1000.00	1000.00	1000.00
30+00	1000.00	1000.00	1000.00	1000.00
31+00	1000.00	1000.00	1000.00	1000.00
32+00	1000.00	1000.00	1000.00	1000.00
33+00	1000.00	1000.00	1000.00	1000.00
34+00	1000.00	1000.00	1000.00	1000.00
35+00	1000.00	1000.00	1000.00	1000.00
36+00	1000.00	1000.00	1000.00	1000.00
37+00	1000.00	1000.00	1000.00	1000.00
38+00	1000.00	1000.00	1000.00	1000.00
39+00	1000.00	1000.00	1000.00	1000.00
40+00	1000.00	1000.00	1000.00	1000.00
41+00	1000.00	1000.00	1000.00	1000.00
42+00	1000.00	1000.00	1000.00	1000.00
43+00	1000.00	1000.00	1000.00	1000.00
44+00	1000.00	1000.00	1000.00	1000.00
45+00	1000.00	1000.00	1000.00	1000.00
46+00	1000.00	1000.00	1000.00	1000.00
47+00	1000.00	1000.00	1000.00	1000.00
48+00	1000.00	1000.00	1000.00	1000.00
49+00	1000.00	1000.00	1000.00	1000.00
50+00	1000.00	1000.00	1000.00	1000.00



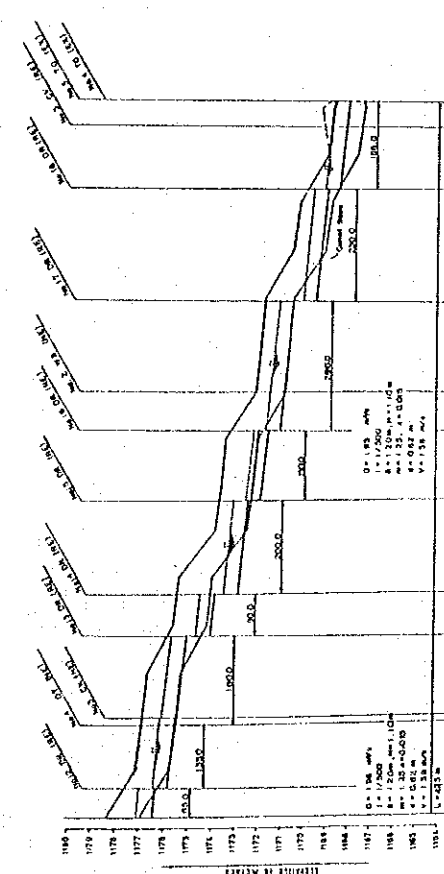
TYPICAL CROSS SECTION OF EARTH CANAL (BLACK COTTON SOILS AREA)



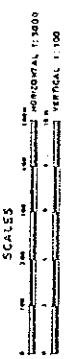
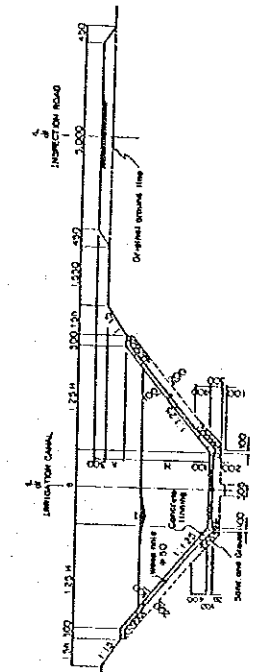
- NOTE: 1. Existing structure unnecessary for rehabilitation, but rehabilitate.
2. New structures to be constructed.
3. Existing structure to be demolished.
- TO - Turnout
  - OT - Office
  - CB - Cattle shed
  - BR - Bridge
  - DN - Drainage ditch
  - DB - Drainage ditch
  - SB - Sub-type bridge
  - CP - Culvert
  - ST - Stream
  - CR - Check dam
  - AO - Anicut
  - AW - Anicut
  - ST - Stream
  - OT - Office

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 ニヤミンディ幹線用水路築設図  
 (1/2)  
 JAPAN INTERNATIONAL COOPERATION AGENCY (O.W.S.A.)  
 TOKYO, JAPAN 205





STATION	CHAMBER ELEVATION	WATER SURFACE ELEVATION	CHANNEL ELEVATION	CHANNEL BASE ELEVATION	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	CHANNEL SOFT ELEVATION	CHANNEL SOFT ELEVATION	DISTANCE	LENGTH	DISTANCE	STATION No.	CURVE
100+00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
100+20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
100+40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
100+60	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
100+80	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
101+00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
101+20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
101+40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
101+60	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
101+80	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
102+00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
102+20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
102+40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
102+60	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
102+80	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
103+00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
103+20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
103+40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
103+60	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
103+80	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
104+00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
104+20	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
104+40	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
104+60	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
104+80	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	
105+00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100	



- Note: Ex - Existing structure, unobscured  
 NE - Existing structure, not to be reconstructed  
 NS - New structure to be constructed  
 DS - Existing structure to be demolished  
 TO - Tunnel  
 DY - Drain  
 CA - Canal  
 FR - Foot bridge  
 DS - Drains system  
 S - Structure  
 ST - Station  
 BR - Bridge, raised or  
 AR - Arch  
 AD - Abutment  
 BR - Bridge  
 OI - Drainage inlet

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 ニヤミンディ 鉄線用水路築断図 (2/2)  
 JAPAN INTERNATIONAL COOPERATION AGENCY (DOW-NO. 206)  
 TOKYO JAPAN

TYPICAL CROSS SECTION OF CONCRETE LINING CANAL, BP +1.555 m = EP



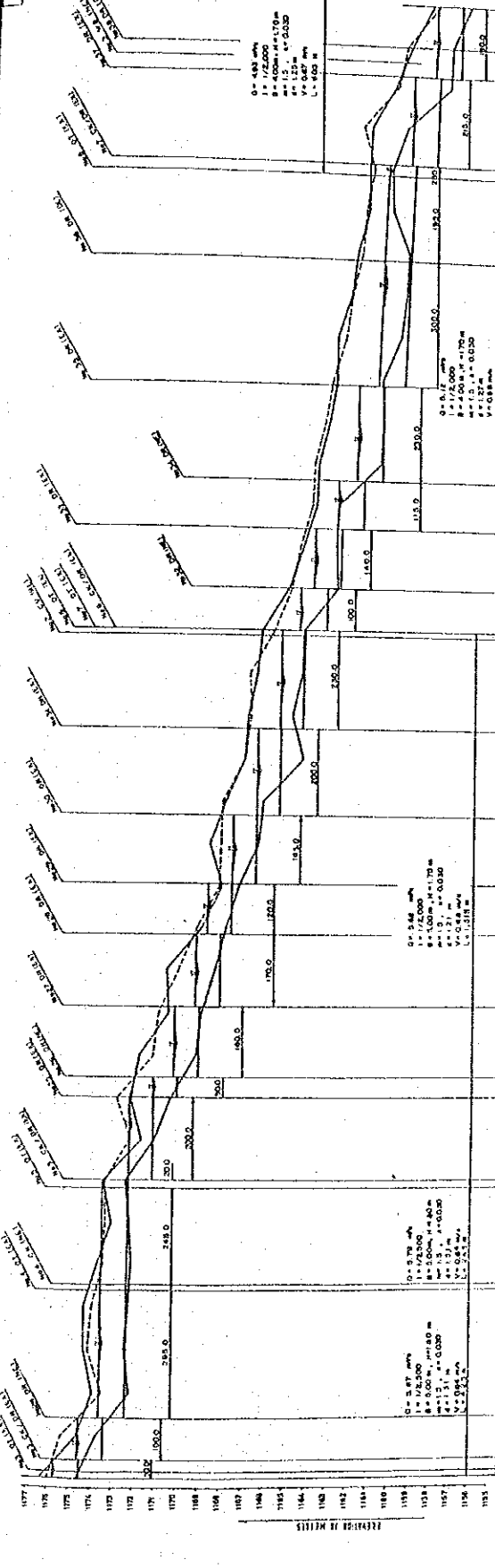




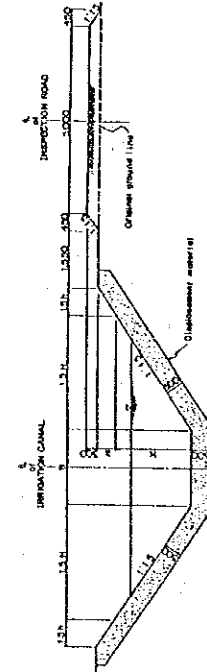








STATION No.	CHISEL ELEVATION	WATER BREAK ELEVATION	WATER GATE ELEVATION	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	CANAL FLOOR ELEVATION	VERTICAL DISTANCE	SECTION DISTANCE	STATION No.	CHISEL ELEVATION
1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	0.00	0.00	1000	1000.00
1001	1001.00	1001.00	1001.00	1001.00	1001.00	1001.00	0.00	0.00	1001	1001.00
1002	1002.00	1002.00	1002.00	1002.00	1002.00	1002.00	0.00	0.00	1002	1002.00
1003	1003.00	1003.00	1003.00	1003.00	1003.00	1003.00	0.00	0.00	1003	1003.00
1004	1004.00	1004.00	1004.00	1004.00	1004.00	1004.00	0.00	0.00	1004	1004.00
1005	1005.00	1005.00	1005.00	1005.00	1005.00	1005.00	0.00	0.00	1005	1005.00
1006	1006.00	1006.00	1006.00	1006.00	1006.00	1006.00	0.00	0.00	1006	1006.00
1007	1007.00	1007.00	1007.00	1007.00	1007.00	1007.00	0.00	0.00	1007	1007.00
1008	1008.00	1008.00	1008.00	1008.00	1008.00	1008.00	0.00	0.00	1008	1008.00
1009	1009.00	1009.00	1009.00	1009.00	1009.00	1009.00	0.00	0.00	1009	1009.00
1010	1010.00	1010.00	1010.00	1010.00	1010.00	1010.00	0.00	0.00	1010	1010.00
1011	1011.00	1011.00	1011.00	1011.00	1011.00	1011.00	0.00	0.00	1011	1011.00
1012	1012.00	1012.00	1012.00	1012.00	1012.00	1012.00	0.00	0.00	1012	1012.00
1013	1013.00	1013.00	1013.00	1013.00	1013.00	1013.00	0.00	0.00	1013	1013.00
1014	1014.00	1014.00	1014.00	1014.00	1014.00	1014.00	0.00	0.00	1014	1014.00
1015	1015.00	1015.00	1015.00	1015.00	1015.00	1015.00	0.00	0.00	1015	1015.00
1016	1016.00	1016.00	1016.00	1016.00	1016.00	1016.00	0.00	0.00	1016	1016.00
1017	1017.00	1017.00	1017.00	1017.00	1017.00	1017.00	0.00	0.00	1017	1017.00
1018	1018.00	1018.00	1018.00	1018.00	1018.00	1018.00	0.00	0.00	1018	1018.00
1019	1019.00	1019.00	1019.00	1019.00	1019.00	1019.00	0.00	0.00	1019	1019.00
1020	1020.00	1020.00	1020.00	1020.00	1020.00	1020.00	0.00	0.00	1020	1020.00
1021	1021.00	1021.00	1021.00	1021.00	1021.00	1021.00	0.00	0.00	1021	1021.00
1022	1022.00	1022.00	1022.00	1022.00	1022.00	1022.00	0.00	0.00	1022	1022.00
1023	1023.00	1023.00	1023.00	1023.00	1023.00	1023.00	0.00	0.00	1023	1023.00
1024	1024.00	1024.00	1024.00	1024.00	1024.00	1024.00	0.00	0.00	1024	1024.00
1025	1025.00	1025.00	1025.00	1025.00	1025.00	1025.00	0.00	0.00	1025	1025.00
1026	1026.00	1026.00	1026.00	1026.00	1026.00	1026.00	0.00	0.00	1026	1026.00
1027	1027.00	1027.00	1027.00	1027.00	1027.00	1027.00	0.00	0.00	1027	1027.00
1028	1028.00	1028.00	1028.00	1028.00	1028.00	1028.00	0.00	0.00	1028	1028.00
1029	1029.00	1029.00	1029.00	1029.00	1029.00	1029.00	0.00	0.00	1029	1029.00
1030	1030.00	1030.00	1030.00	1030.00	1030.00	1030.00	0.00	0.00	1030	1030.00
1031	1031.00	1031.00	1031.00	1031.00	1031.00	1031.00	0.00	0.00	1031	1031.00
1032	1032.00	1032.00	1032.00	1032.00	1032.00	1032.00	0.00	0.00	1032	1032.00
1033	1033.00	1033.00	1033.00	1033.00	1033.00	1033.00	0.00	0.00	1033	1033.00
1034	1034.00	1034.00	1034.00	1034.00	1034.00	1034.00	0.00	0.00	1034	1034.00
1035	1035.00	1035.00	1035.00	1035.00	1035.00	1035.00	0.00	0.00	1035	1035.00
1036	1036.00	1036.00	1036.00	1036.00	1036.00	1036.00	0.00	0.00	1036	1036.00
1037	1037.00	1037.00	1037.00	1037.00	1037.00	1037.00	0.00	0.00	1037	1037.00
1038	1038.00	1038.00	1038.00	1038.00	1038.00	1038.00	0.00	0.00	1038	1038.00
1039	1039.00	1039.00	1039.00	1039.00	1039.00	1039.00	0.00	0.00	1039	1039.00
1040	1040.00	1040.00	1040.00	1040.00	1040.00	1040.00	0.00	0.00	1040	1040.00
1041	1041.00	1041.00	1041.00	1041.00	1041.00	1041.00	0.00	0.00	1041	1041.00
1042	1042.00	1042.00	1042.00	1042.00	1042.00	1042.00	0.00	0.00	1042	1042.00
1043	1043.00	1043.00	1043.00	1043.00	1043.00	1043.00	0.00	0.00	1043	1043.00
1044	1044.00	1044.00	1044.00	1044.00	1044.00	1044.00	0.00	0.00	1044	1044.00
1045	1045.00	1045.00	1045.00	1045.00	1045.00	1045.00	0.00	0.00	1045	1045.00
1046	1046.00	1046.00	1046.00	1046.00	1046.00	1046.00	0.00	0.00	1046	1046.00
1047	1047.00	1047.00	1047.00	1047.00	1047.00	1047.00	0.00	0.00	1047	1047.00
1048	1048.00	1048.00	1048.00	1048.00	1048.00	1048.00	0.00	0.00	1048	1048.00
1049	1049.00	1049.00	1049.00	1049.00	1049.00	1049.00	0.00	0.00	1049	1049.00
1050	1050.00	1050.00	1050.00	1050.00	1050.00	1050.00	0.00	0.00	1050	1050.00



NOTES:
 

- Zs - Existing structure uncertainty
- TC - Office
- RC - New structure to be reconstructed
- MC - New structure to be constructed
- DE - Existing structure to be demolished
- W3 - Weir
- C2 - Cut-off
- D2 - Drainage structure
- CV - Culvert
- S3 - Submerged siphon
- DS - Drainage structure
- AD - Aqueduct
- ST - Siphon
- DT - Drainage road

SCALES:
 

- Horizontal: 1:500
- Vertical: 1:100







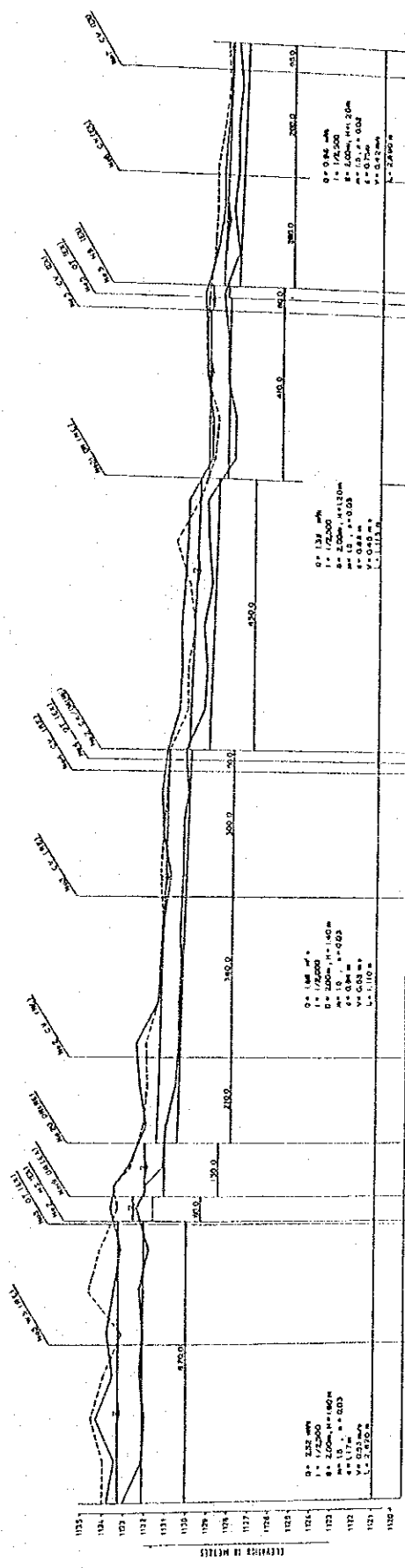




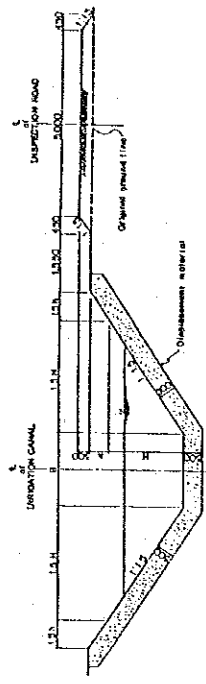




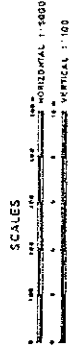




STATION	CHANGEMENT ELEVATION	WATER SURFACE ELEVATION	CHANNEL BOTTOM ELEVATION	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	CANAL BASE ELEVATION	DISTANCE	REVERSE DISTANCE	STATION No.	CHUTE
1120	1120.00	1120.00	1120.00	1120.00	1120.00	1120.00	0.00	0.00	1120	
1121	1121.00	1121.00	1121.00	1121.00	1121.00	1121.00	100.00	100.00	1121	
1122	1122.00	1122.00	1122.00	1122.00	1122.00	1122.00	200.00	200.00	1122	
1123	1123.00	1123.00	1123.00	1123.00	1123.00	1123.00	300.00	300.00	1123	
1124	1124.00	1124.00	1124.00	1124.00	1124.00	1124.00	400.00	400.00	1124	
1125	1125.00	1125.00	1125.00	1125.00	1125.00	1125.00	500.00	500.00	1125	
1126	1126.00	1126.00	1126.00	1126.00	1126.00	1126.00	600.00	600.00	1126	
1127	1127.00	1127.00	1127.00	1127.00	1127.00	1127.00	700.00	700.00	1127	
1128	1128.00	1128.00	1128.00	1128.00	1128.00	1128.00	800.00	800.00	1128	
1129	1129.00	1129.00	1129.00	1129.00	1129.00	1129.00	900.00	900.00	1129	
1130	1130.00	1130.00	1130.00	1130.00	1130.00	1130.00	1000.00	1000.00	1130	
1131	1131.00	1131.00	1131.00	1131.00	1131.00	1131.00	1100.00	1100.00	1131	
1132	1132.00	1132.00	1132.00	1132.00	1132.00	1132.00	1200.00	1200.00	1132	
1133	1133.00	1133.00	1133.00	1133.00	1133.00	1133.00	1300.00	1300.00	1133	
1134	1134.00	1134.00	1134.00	1134.00	1134.00	1134.00	1400.00	1400.00	1134	
1135	1135.00	1135.00	1135.00	1135.00	1135.00	1135.00	1500.00	1500.00	1135	



TYPICAL CROSS SECTION OF EARTH CANAL (BLACK COTTON SOILS AREA)



- Notes:
- EA - Existing structure unnecessary
  - CR - Office
  - DB - Drainage basin
  - DE - Existing structure to be demolished
  - NE - New structure to be constructed
  - CR - Curve
  - DB - Drainage basin
  - DE - Existing structure to be demolished
  - EA - Existing structure unnecessary
  - NE - New structure to be constructed
  - DB - Drainage basin
  - CR - Curve
  - DE - Existing structure to be demolished
  - EA - Existing structure unnecessary
  - NE - New structure to be constructed
  - DB - Drainage basin
  - CR - Curve
  - DE - Existing structure to be demolished

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT

TITLE OF DRAWING  
 ティバ支線用水路 - IV線新図 (3/5)

JAPAN INTERNATIONAL COOPERATION AGENCY  
 TOKYO JAPAN  
 DRAWING NO.  
 213









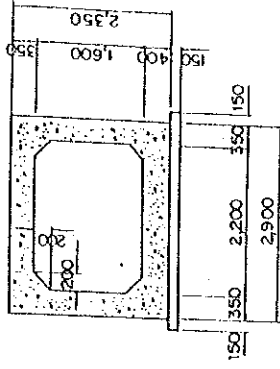
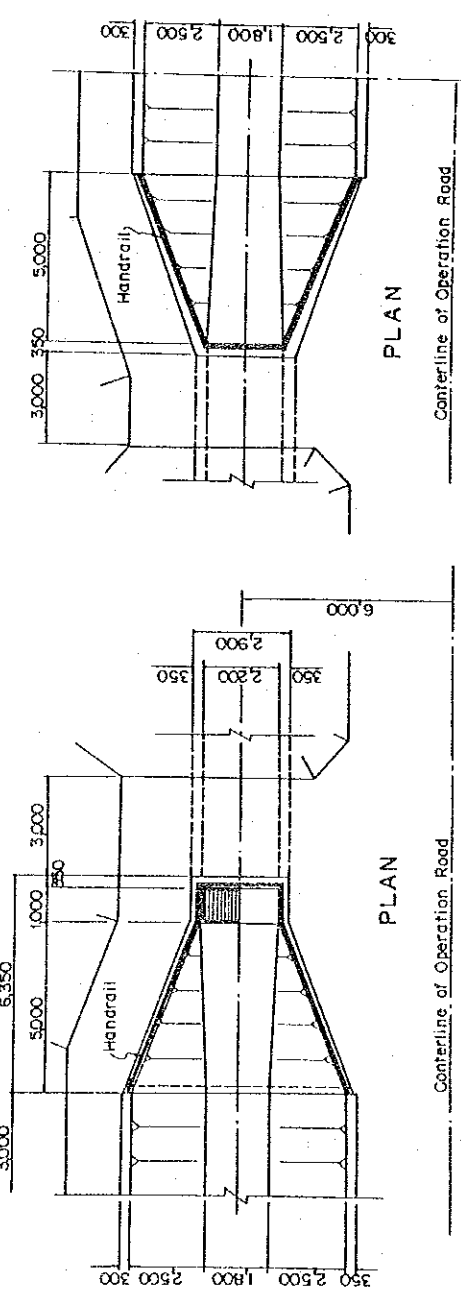
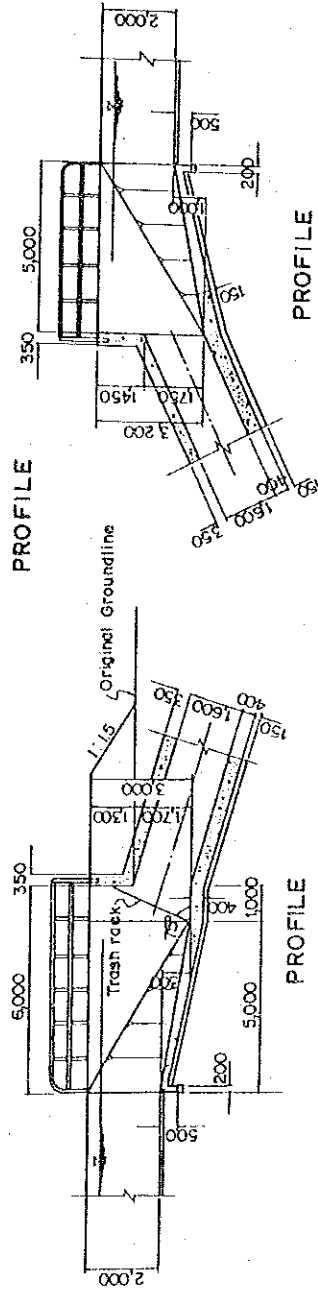
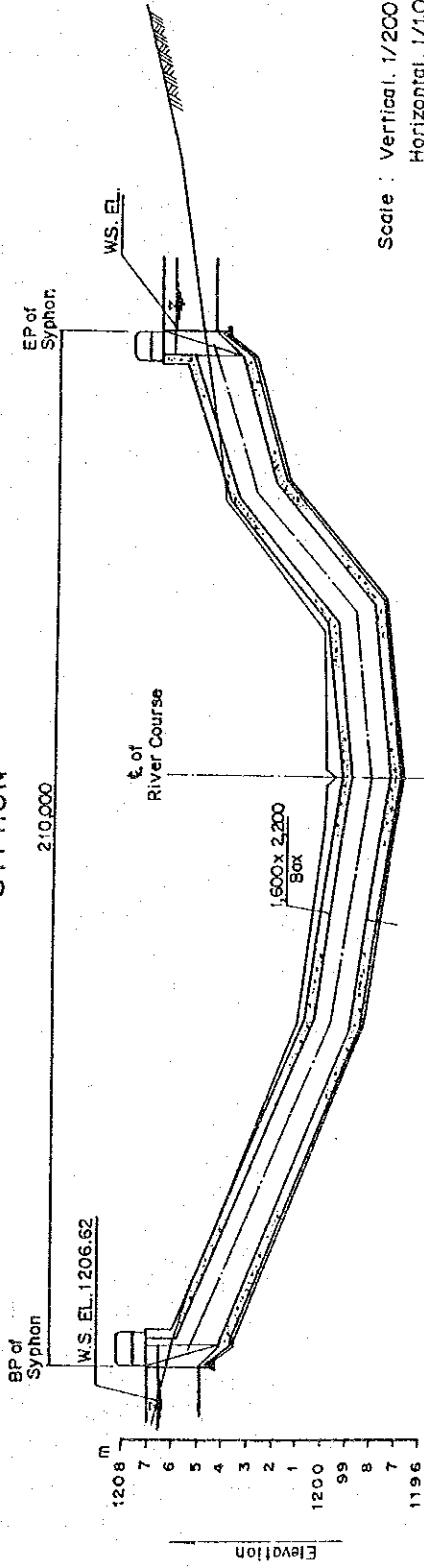








SYPHON

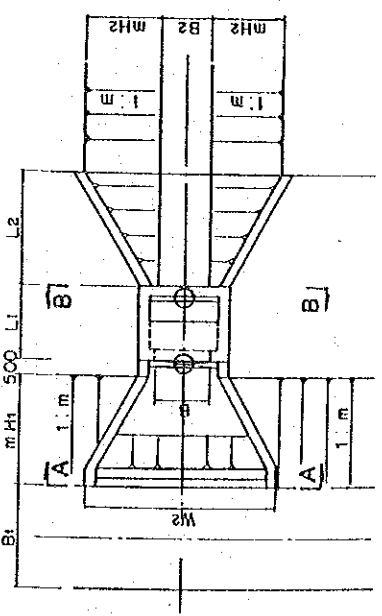


CONDUIT

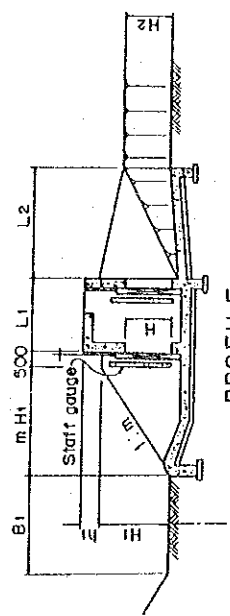
REPUBLIC OF KENYA
NATIONAL IRRIGATION BOARD
MWEA IRRIGATION SETTLEMENT SCHEME
DEVELOPMENT PROJECT
TITLE OF DRAWING
サイフォン (連絡水路 - 1)
JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO, JAPAN
OWS. NO.
302



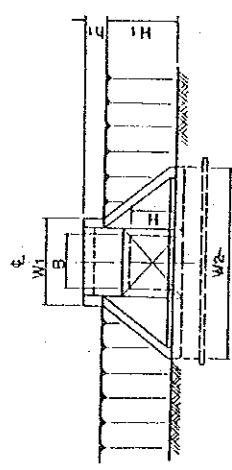
OFFTAKE (TYPE-A)



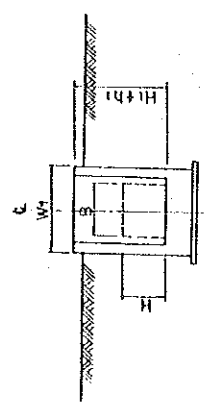
PLAN



PROFILE

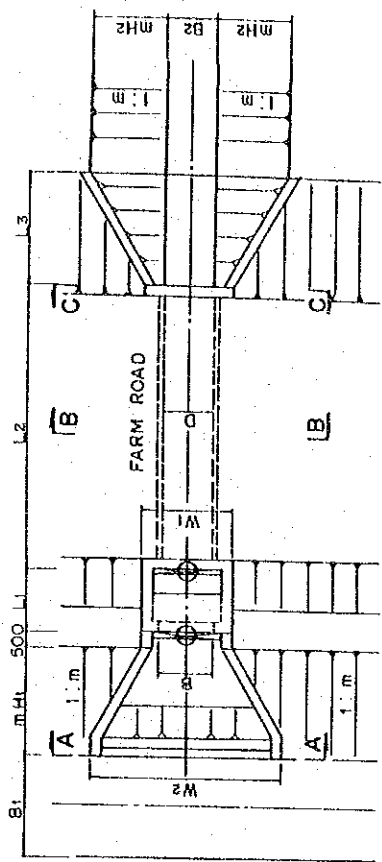


SECTION A-A

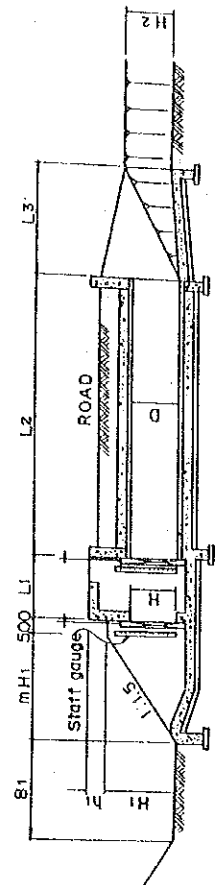


SECTION B-B

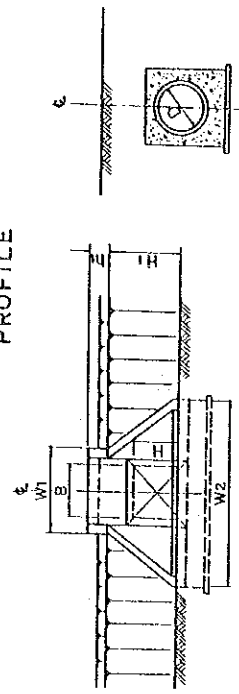
OFFTAKE (TYPE-B)



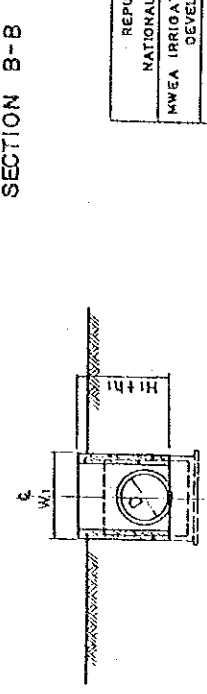
PLAN



PROFILE



SECTION A-A



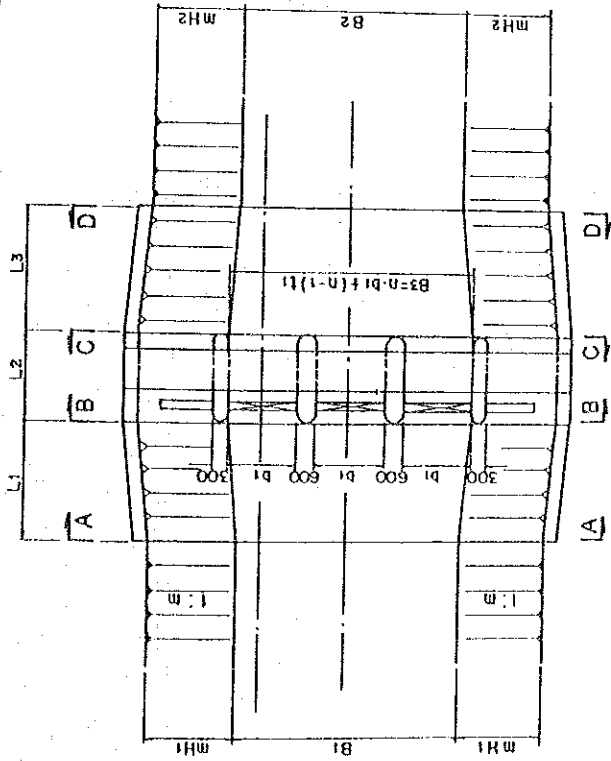
SECTION B-B

REPUBLIC OF KENYA
NATIONAL IRRIGATION BOARD
MWEA IRRIGATION SETTLEMENT SCHEME
DEVELOPMENT PROJECT
TITLE OF DRAWING
分水工 (タイプ-A & B)
JAPAN INTERNATIONAL COOPERATION AGENCY (Dwg. No.)
TOEYO JAPAN
303

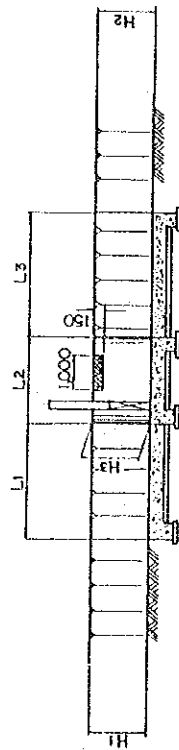
SECTION C-C



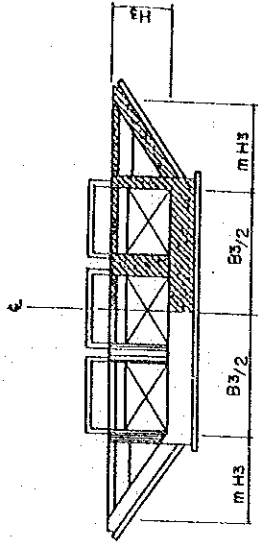
CHECK (TYPE-A)



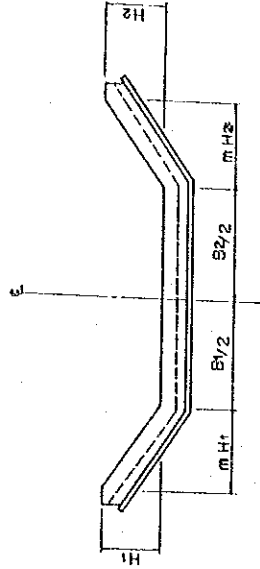
PLAN



PROFILE



SECTION B-B SECTION C-C

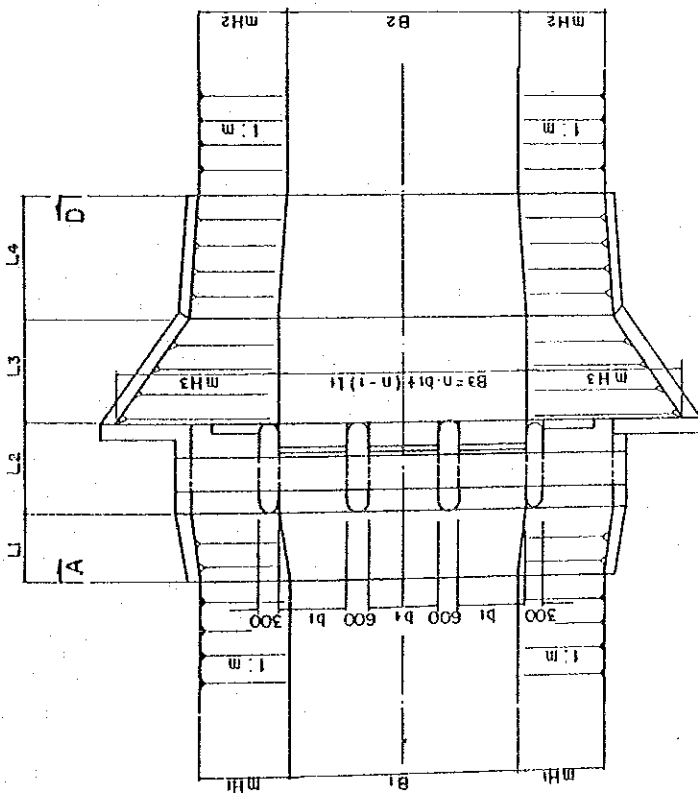


SECTION A-A SECTION D-D

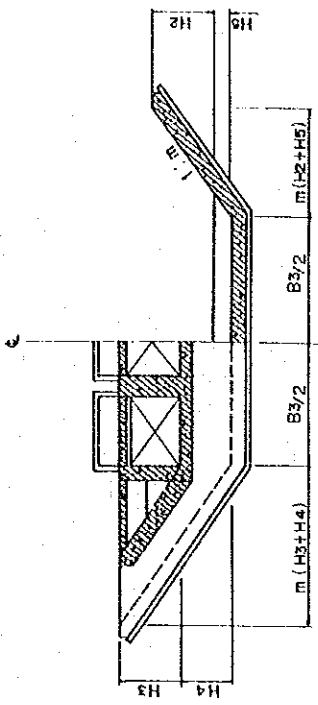
REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY
NATIONAL IRRIGATION BOARD	DWG. NO. 304
MWEA IRRIGATION SETTLEMENT SCHEME	
DEVELOPMENT PROJECT	
TITLE OF DRAWING	
チェック (クイプーA)	



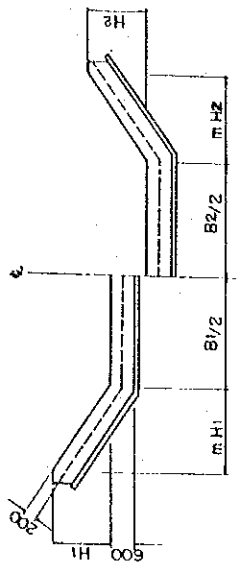
CHECK (TYPE - B)



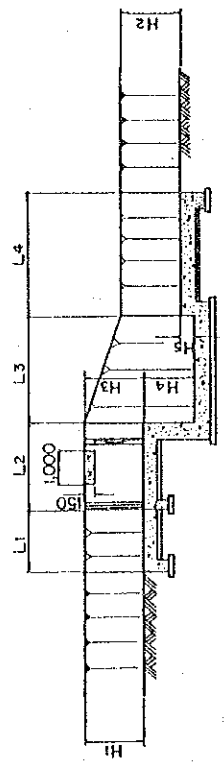
PLAN



SECTION B-B



SECTION A-A



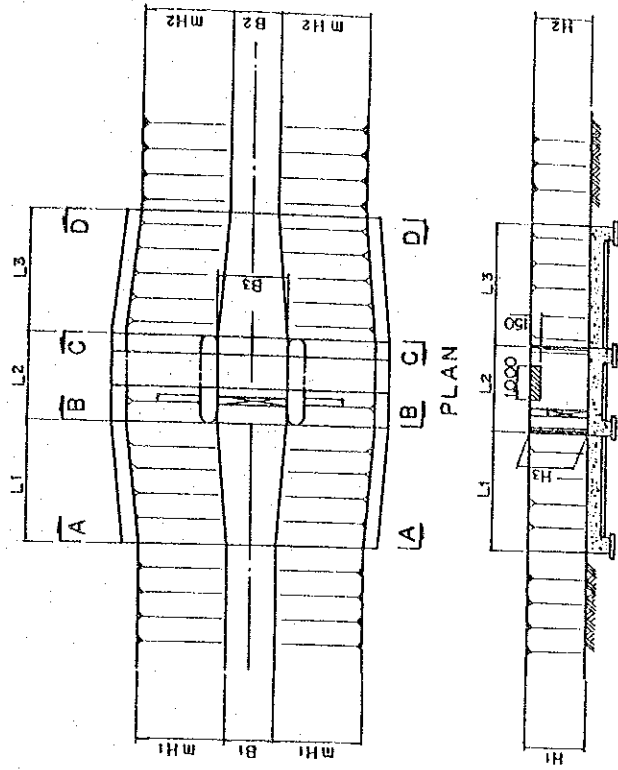
PROFILE

REPUBLIC OF KENYA	NATIONAL IRRIGATION BOARD
NWEA IRRIGATION SETTLEMENT SCHEME DEVELOPMENT PROJECT	
TITLE OF DRAWING	チエック (タイプ-B)
JAPAN INTERNATIONAL COOPERATION AGENCY	ORG. NO. 303
TOKYO, JAPAN	



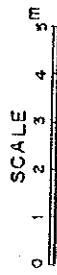


CHECK (TYPE C)

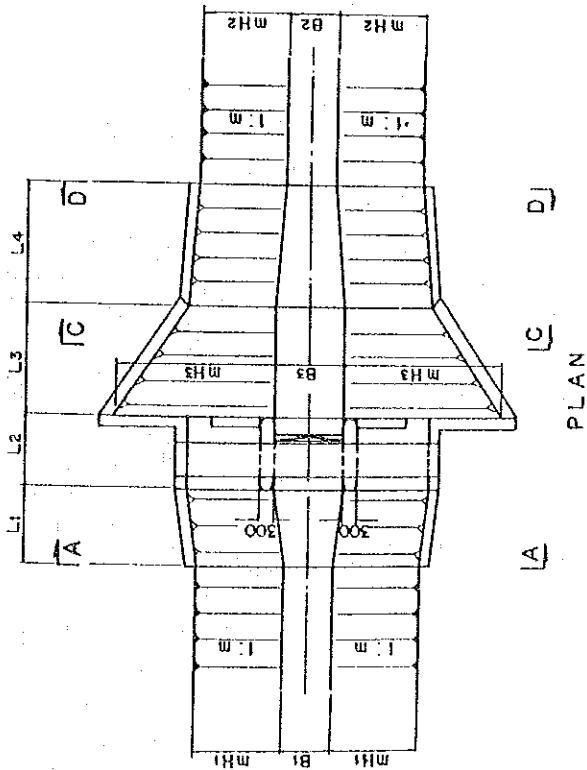


PROFILE

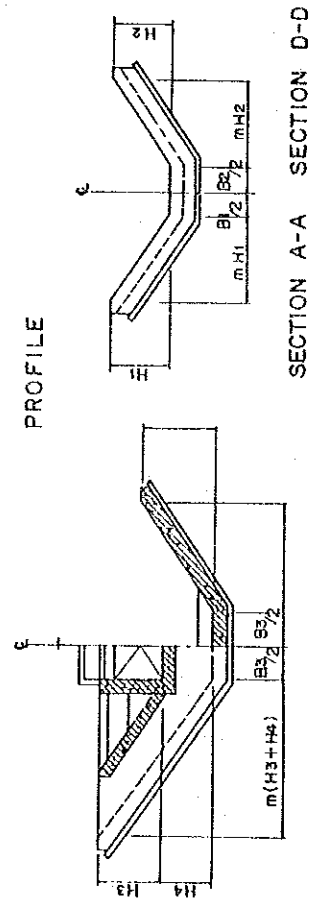
SECTION A-A SECTION D-D SECTION B-B SECTION C-C



CHECK (TYPE D)



PROFILE



SECTION A-A SECTION D-D

SECTION B-B SECTION C-C

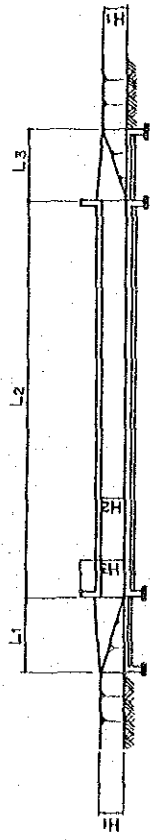
REPUBLIC OF KENYA	ENGINEERING
NATIONAL IRRIGATION BOARD	
HWEA IRRIGATION SETTLEMENT SCHEME	
DEVELOPMENT PROJECT	
TITLE OF DRAWING	
チエック (タイプ-C & D)	
JAPAN INTERNATIONAL COOPERATION AGENCY	DRAWING NO.
TOKYO JAPAN	306



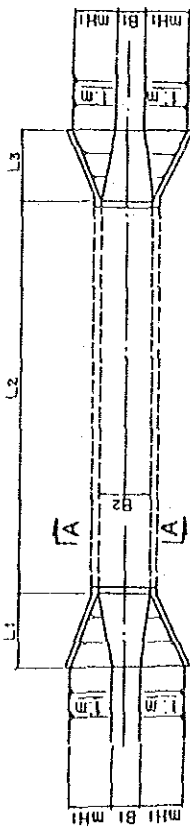




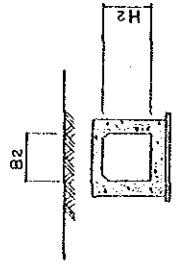
CULVERT (TYPE-A)



PROFILE

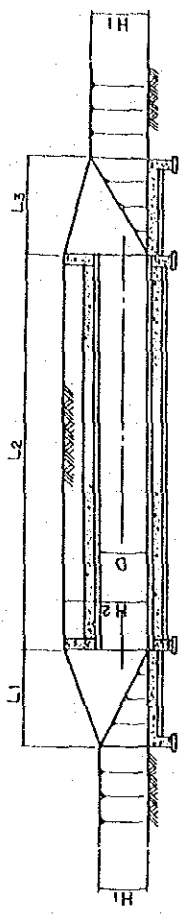


PLAN

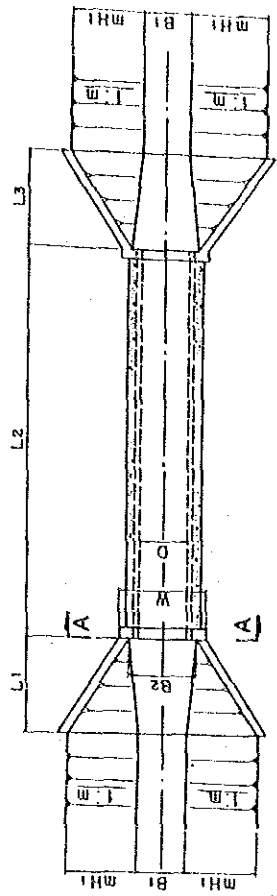


SECTION A-A

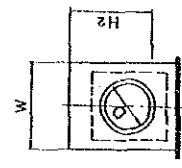
CULVERT (TYPE-B)



PROFILE



PLAN

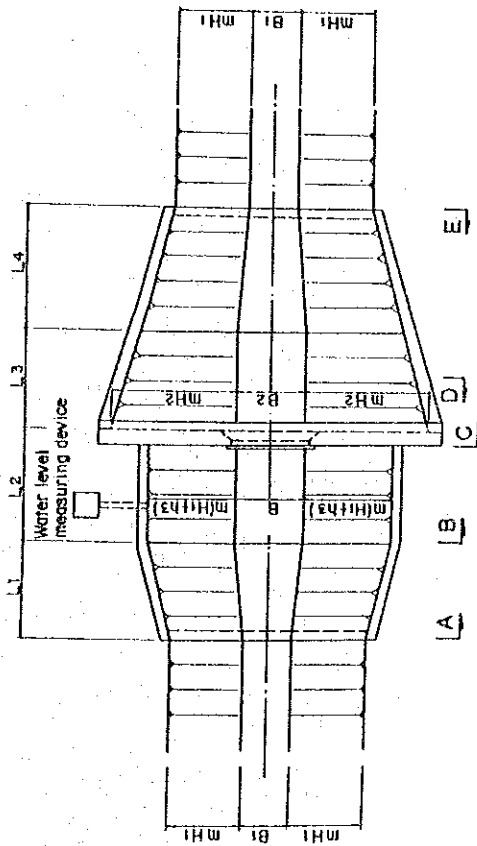


SECTION A-A

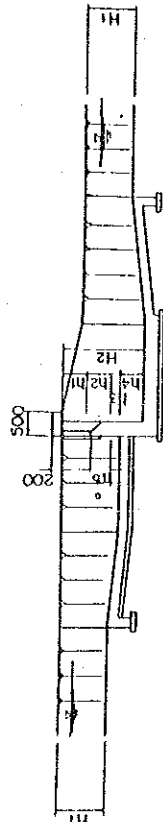
REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY
NATIONAL IRRIGATION BOARD	
MWCA IRRIGATION SETTLEMENT SCHEME	DwG. NO. 308
DEVELOPMENT PROJECT	
TITLE OF DRAWING	
階級 (タイプ-A & B)	
TOKYO JAPAN	



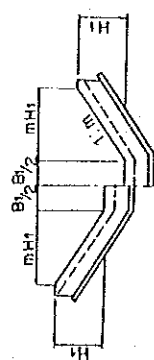
RECTANGULAR SHARP-CRESTED WEIR



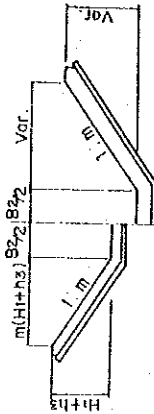
PLAN



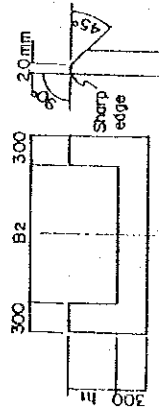
PROFILE



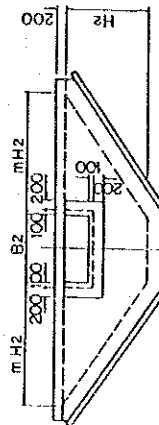
SECTION A-A SECTION E-E



SECTION B-B SECTION D-D

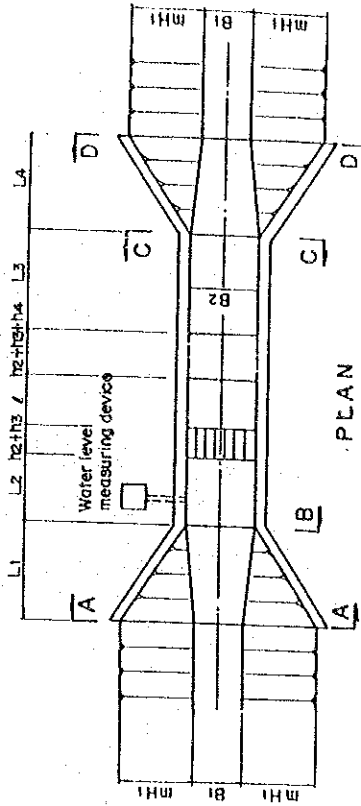


SECTION C-C

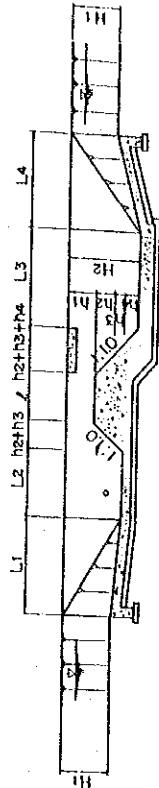


SECTION D-D

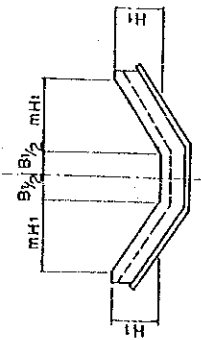
BROAD CRESTED WEIR



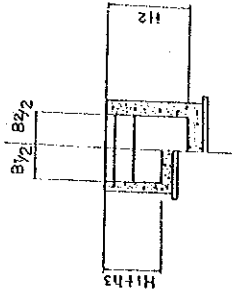
PLAN



PROFILE



SECTION A-A SECTION D-D



SECTION B-B SECTION C-C

REPUBLIC OF KENYA	ENGINEER
NATIONAL IRRIGATION BOARD	
MWEA IRRIGATION SETTLEMENT SCHEME	
DEVELOPMENT PROJECT	
TITLE OF DRAWING	
広頂堰および列形堰	
JAPAN INTERNATIONAL COOPERATION AGENCY	ENGINEER
TOKYO JAPAN	309

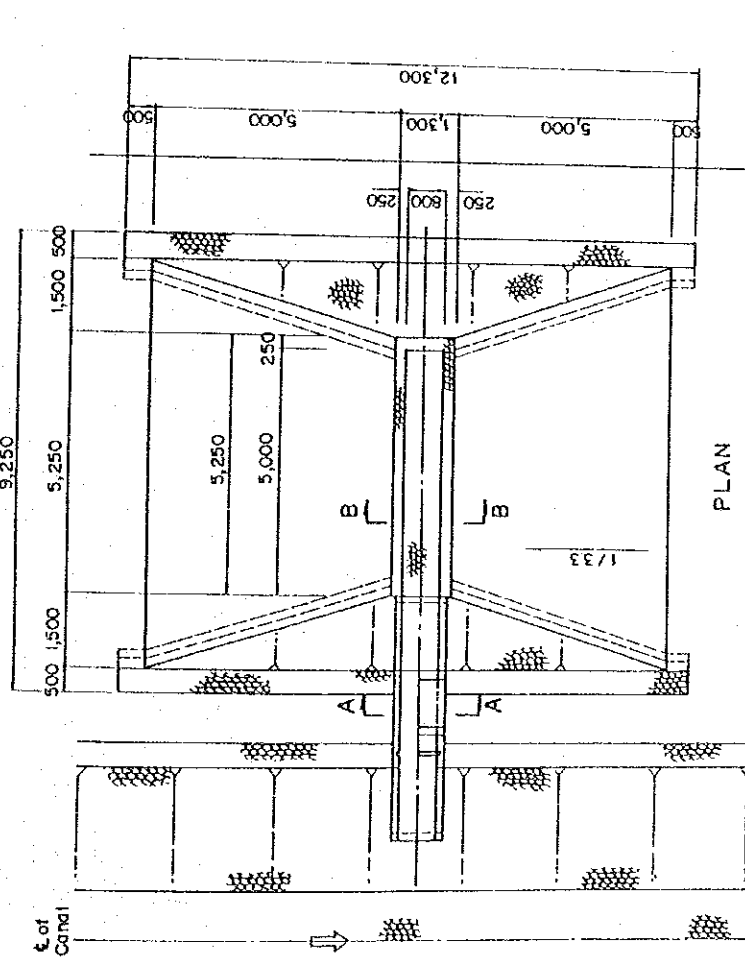




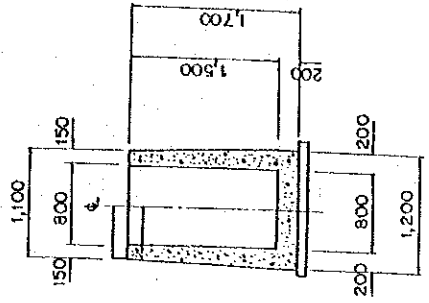




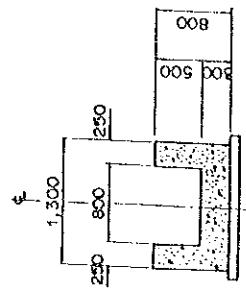
# CATTLE BASIN



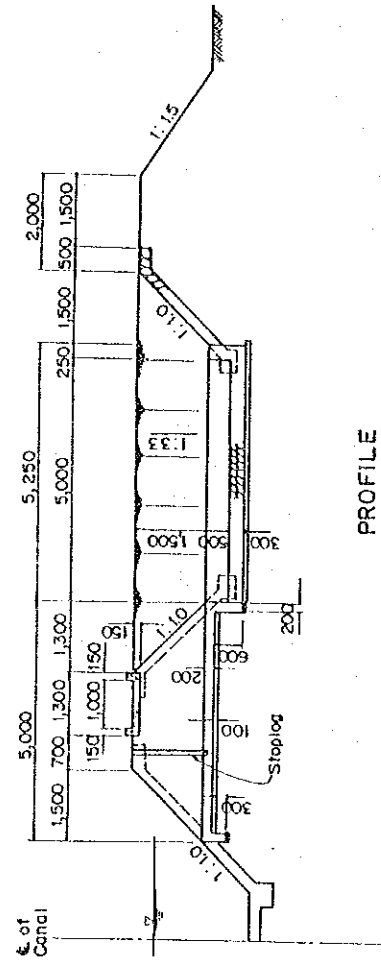
PLAN



SECTION A-A



SECTION B-B



PROFILE

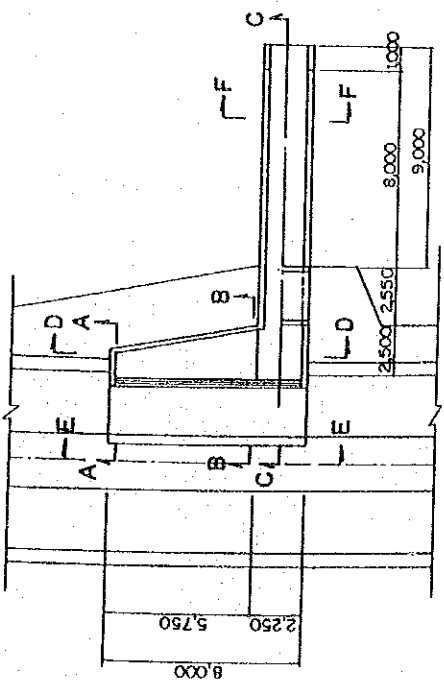
REPUBLIC OF KENYA
NATIONAL IRRIGATION BOARD
MWEA IRRIGATION SETTLEMENT SCHEME DEVELOPMENT PROJECT
TITLE OF DRAWING 家畜水飲場
JAPAN INTERNATIONAL COOPERATION AGENCY D.W. NO. 311



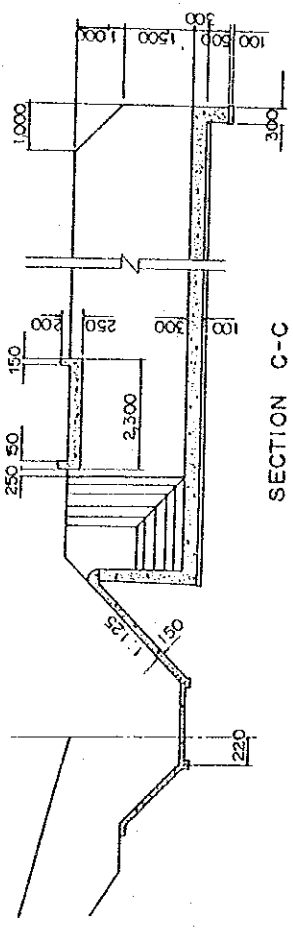




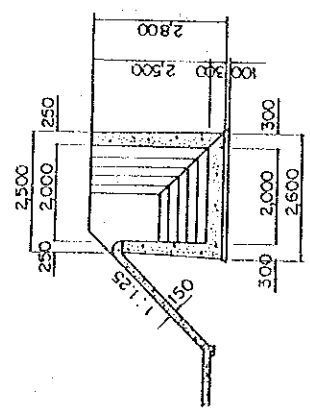
SPILLWAY (TYPE-A)



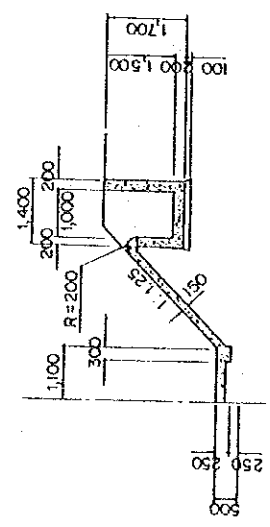
PLAN



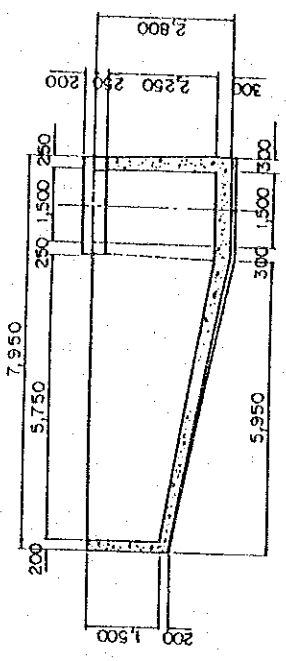
SECTION C-C



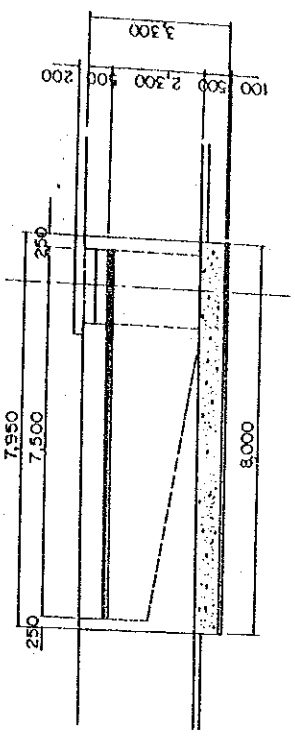
SECTION B-B



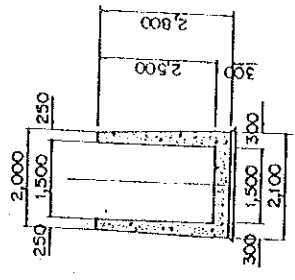
SECTION A-A



SECTION D-D



SECTION E-E



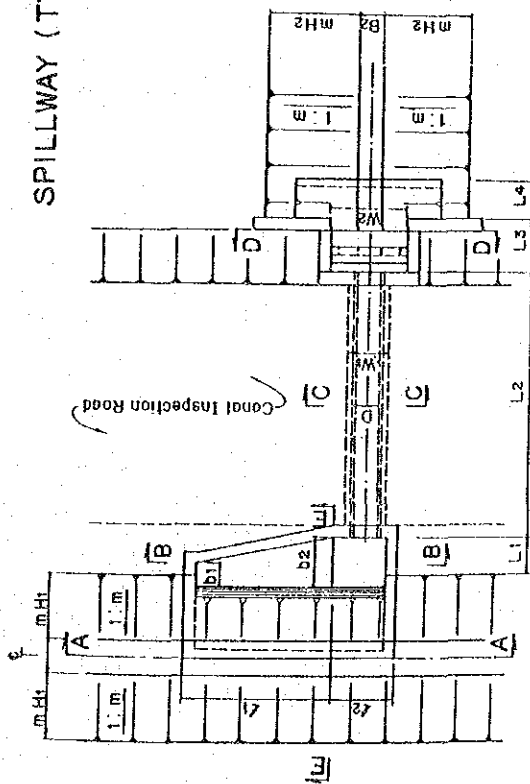
SECTION F-F

REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY
NATIONAL IRRIGATION BOARD	TOKYO JAPAN
NWEA IRRIGATION SETTLEMENT SCHEME	DWG. NO. 313
DEVELOPMENT PROJECT	
TITLE OF DRAWING	
余水吐 (タイプ-A)	

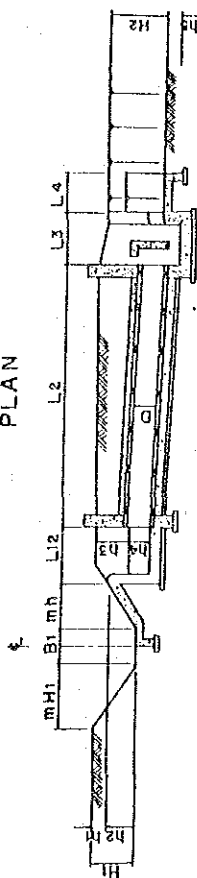




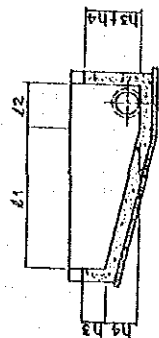
SPILLWAY (TYPE - B & C)



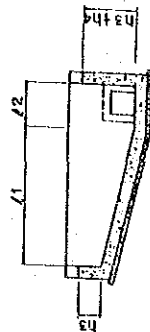
PLAN



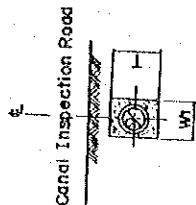
PROFILE



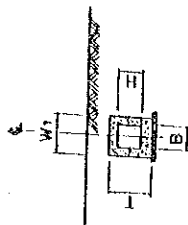
SECTION B-B  
(TYPE - C)



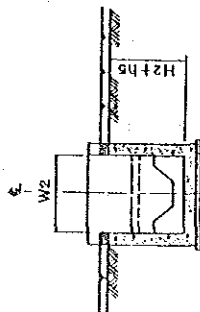
SECTION B-B  
(TYPE - B)



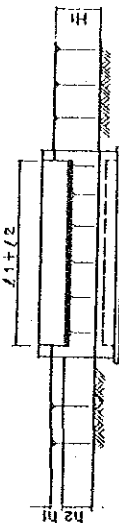
SECTION C-C  
(TYPE - C)



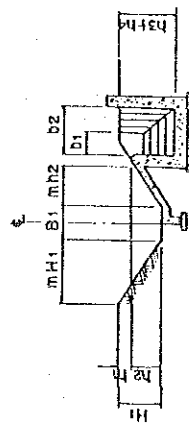
SECTION C-C  
(TYPE - B)



SECTION D-D  
(TYPE - B & C)



SECTION A-A (TYPE - B & C)

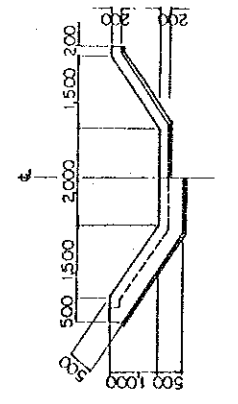
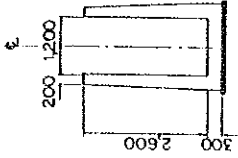
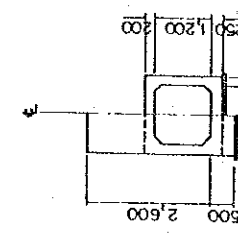
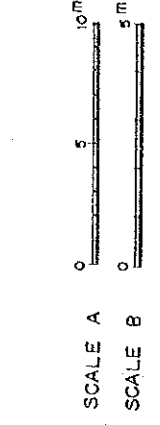
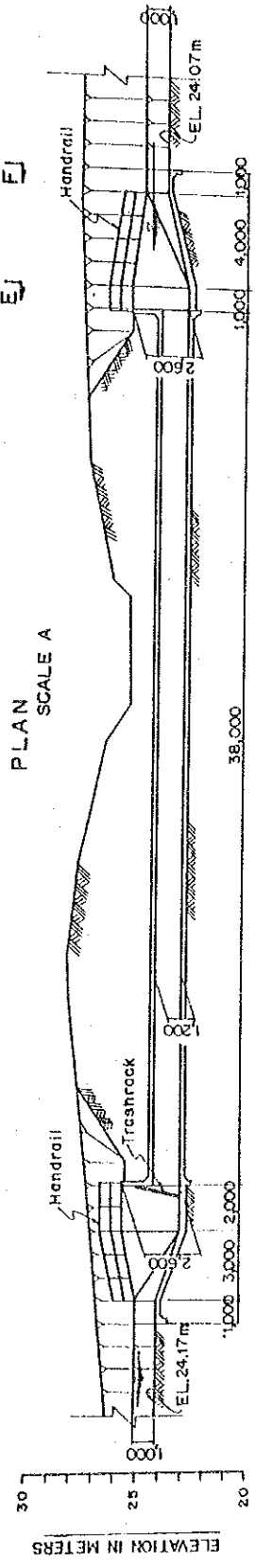
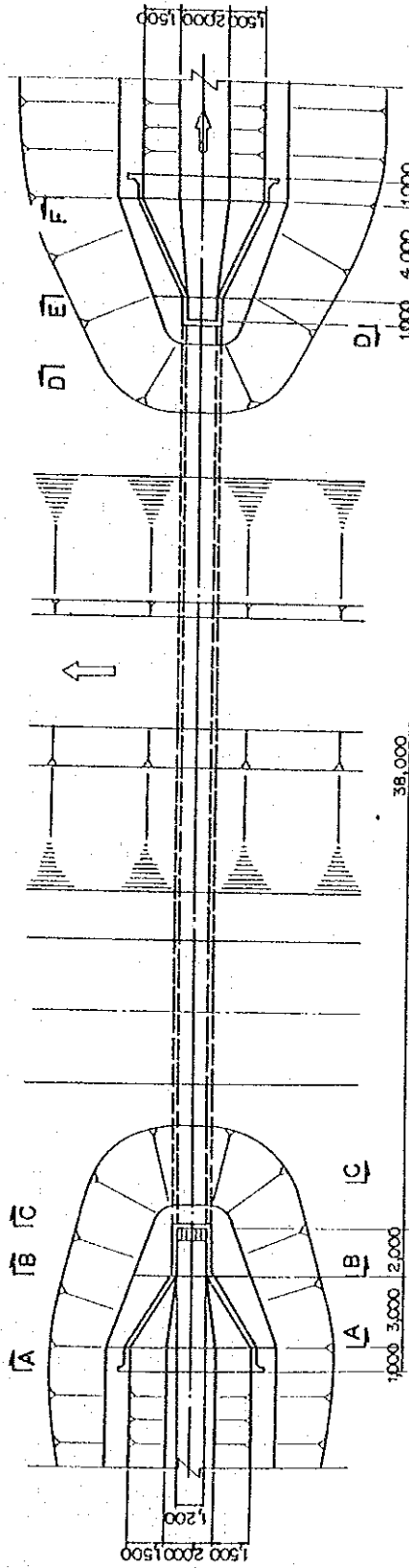


SECTION E-E (TYPE B & C)

REPUBLIC OF KENYA
NATIONAL IRRIGATION BOARD
MWEA IRRIGATION SETTLEMENT SCHEME
DEVELOPMENT PROJECT
TITLE OF DRAWING
余水吐 (タイプ - B & C)
JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO, JAPAN
DRAWING NO.
314



SYPHON



REPUBLIC OF KENYA	ENGINEER	315
NATIONAL IRRIGATION BOARD		
MWEA IRRIGATION SETTLEMENT SCHEME		
DEVELOPMENT PROJECT		
TITLE OF DRAWING		
サイフォン (チハバ支線用水路-IV)		
JAPAN INTERNATIONAL COOPERATION AGENCY		
TOYOBO JAPAN		

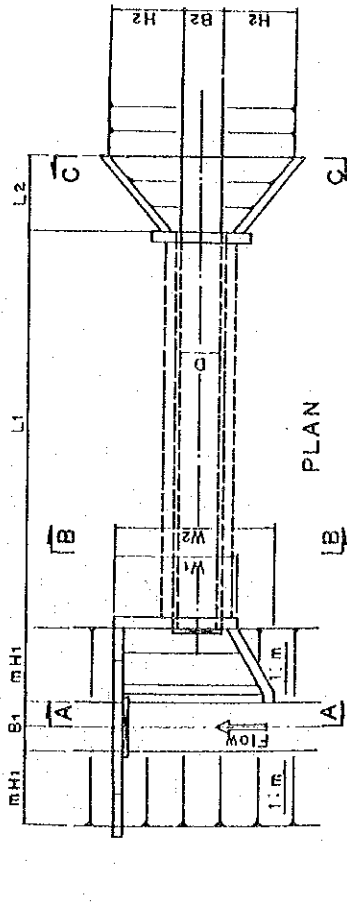
SECTIONS A-A & F-F  
SCALE B

SECTIONS B-B & E-E  
SCALE B

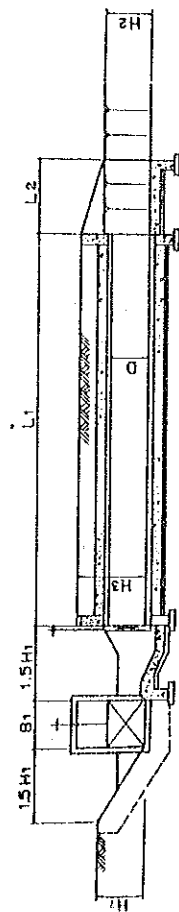
SECTIONS C-C & D-D  
SCALE B



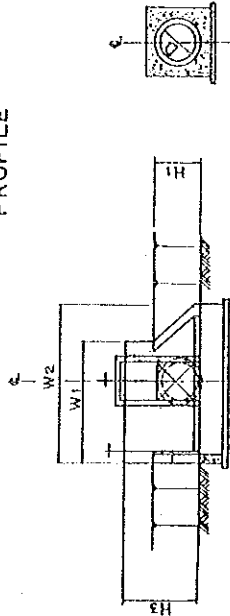
RE-USE STRUCTURE



PLAN

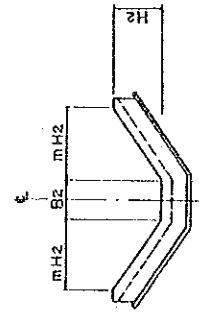


PROFILE



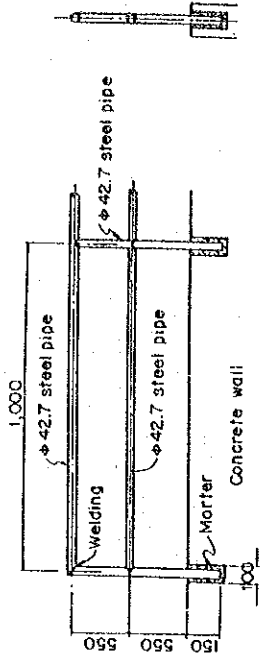
SECTION A-A

SECTION B-B



SECTION C-C

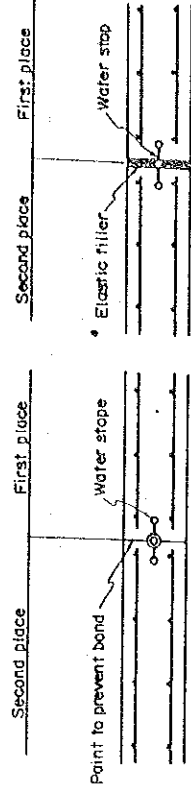
HAND RAIL



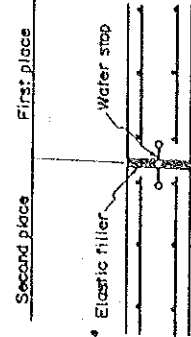
PROFILE

SECTION

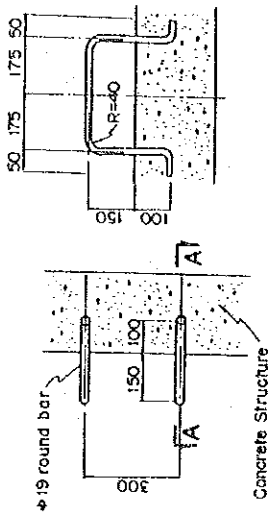
CONTRACTION JOINT



EXPANSION JOINT



STEP



SECTION

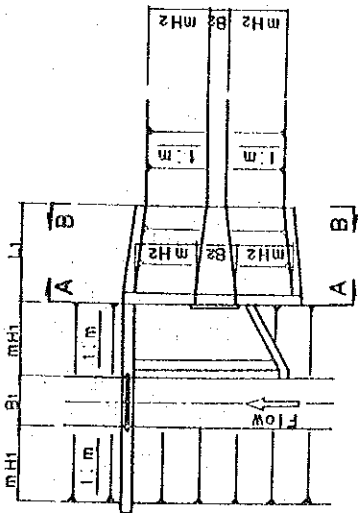
SECTION A-A

REPUBLIC OF KENYA
NATIONAL IRRIGATION BOARD
MWEA IRRIGATION SETTLEMENT SCHEME DEVELOPMENT PROJECT
TITLE OF DRAWING
再利用流入工および施工
JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO, JAPAN
DWG. NO. 316

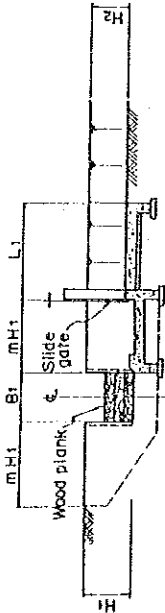


ON-FARM FACILITIES

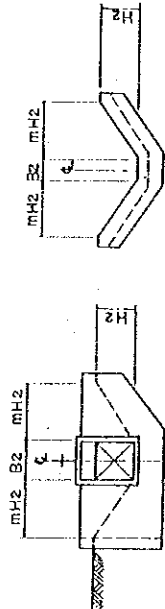
OFFTAKE/CHECK



PLAN



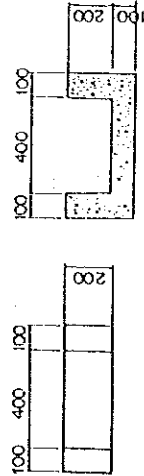
PROFILE



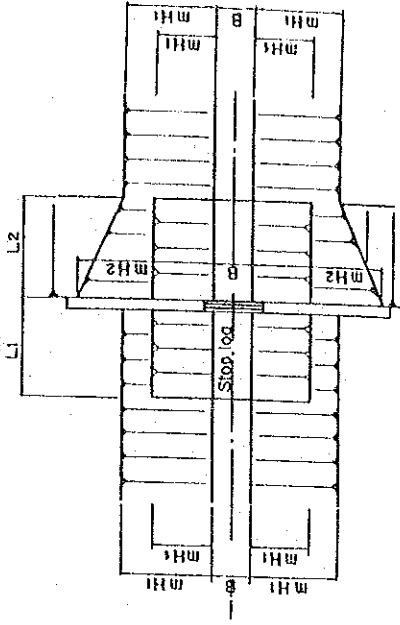
SECTION A-A

SECTION B-B

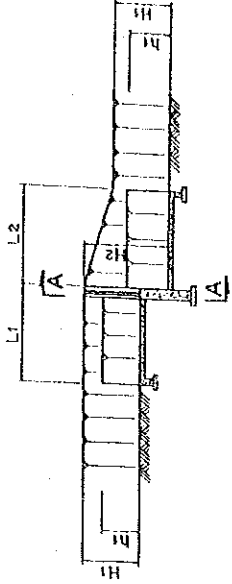
FIELD INLET



CHECK/DROP

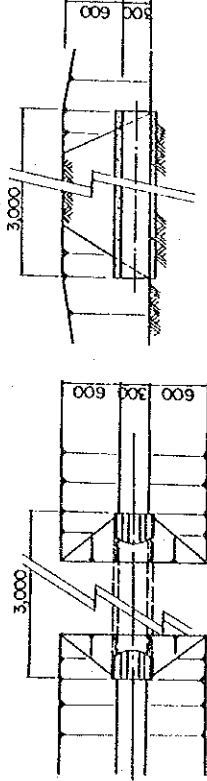


PLAN



PROFILE

FARM APPROACH

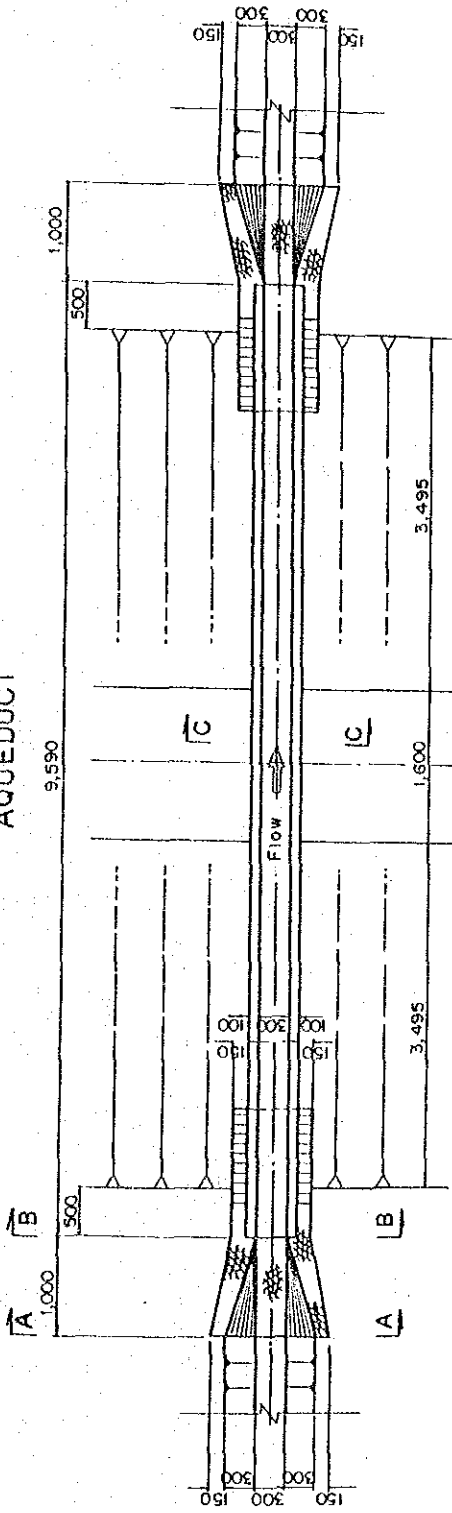


REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 NWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 国場内施設 (バイロット・ファーム)  
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 TOKYO JAPAN  
 DRAWING NO. 317

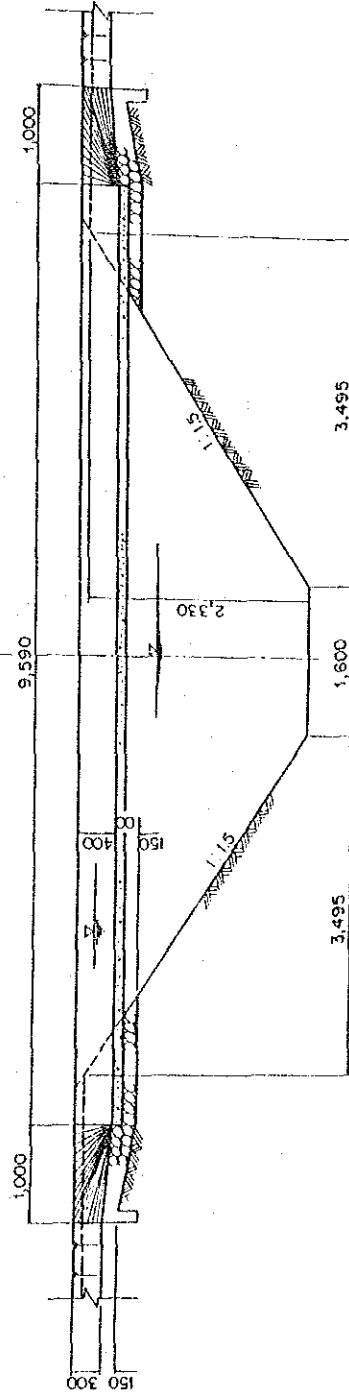




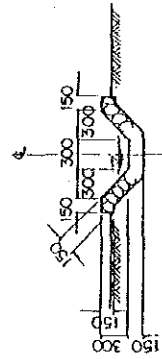
# AQUEDUCT



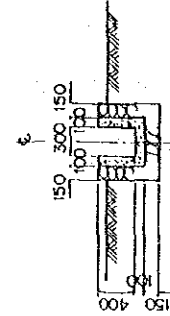
PLAN



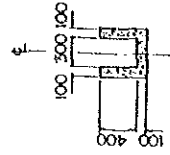
PROFILE



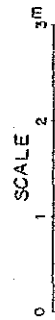
SECTION A-A



SECTION B-B



SECTION C-C



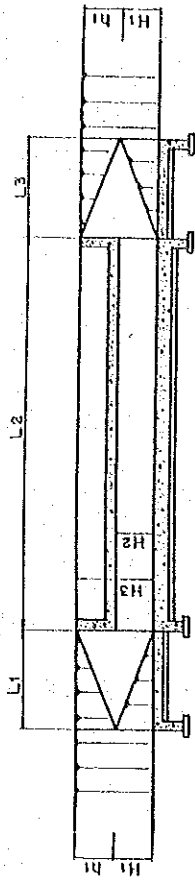
REPUBLIC OF KENYA
NATIONAL IRRIGATION BOARD
MWEA IRRIGATION SETTLEMENT SCHEME DEVELOPMENT PROJECT
TITLE OF DRAWING
内水路構 (パイロット・フォーム)
JAPAN INTERNATIONAL COOPERATION AGENCY Div. No. 318
TOYOTO JAPAN



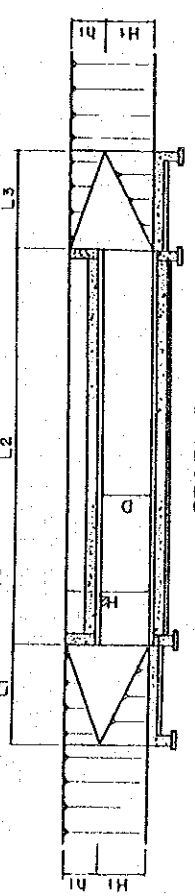
**DRAINAGE CULVERT (TYPE-A)**

**DRAINAGE CULVERT (TYPE-B)**

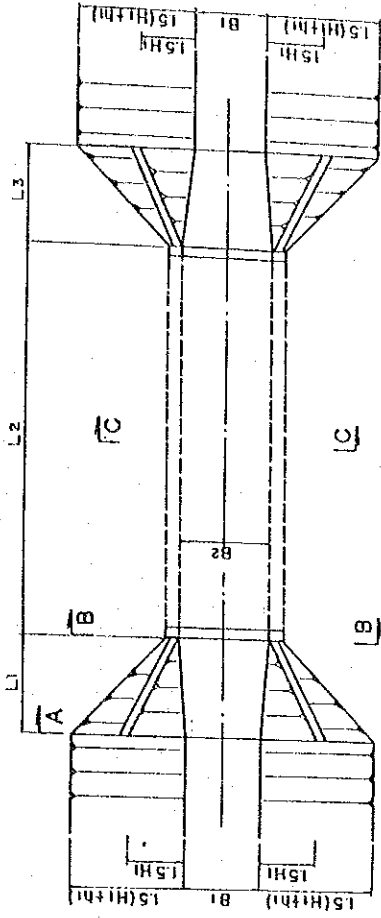
PLATE NO. 36



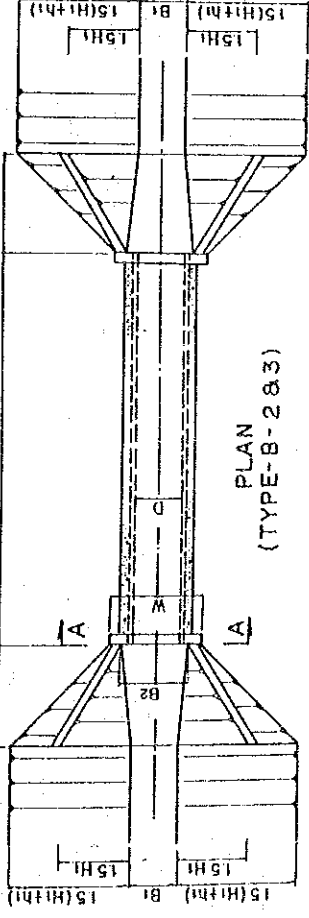
PROFILE



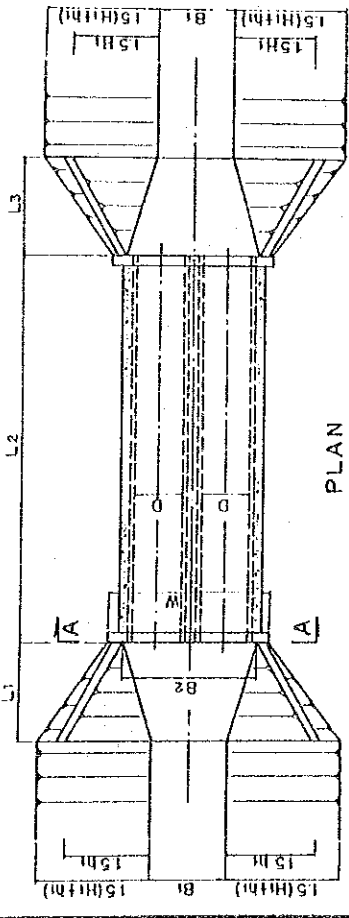
PROFILE



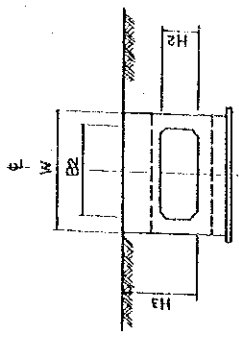
PLAN



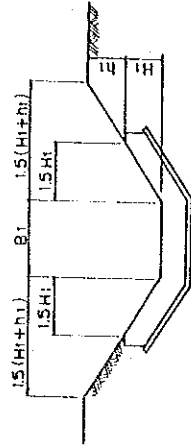
PLAN  
(TYPE-B-2&3)



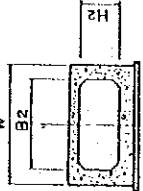
PLAN  
(TYPE-B-1)



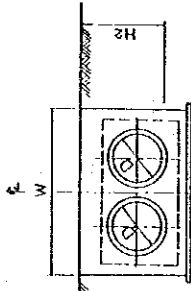
SECTION B-B



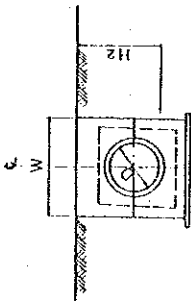
SECTION A-A



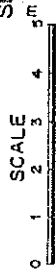
SECTION C-C



SECTION A-A  
(TYPE-B-1)



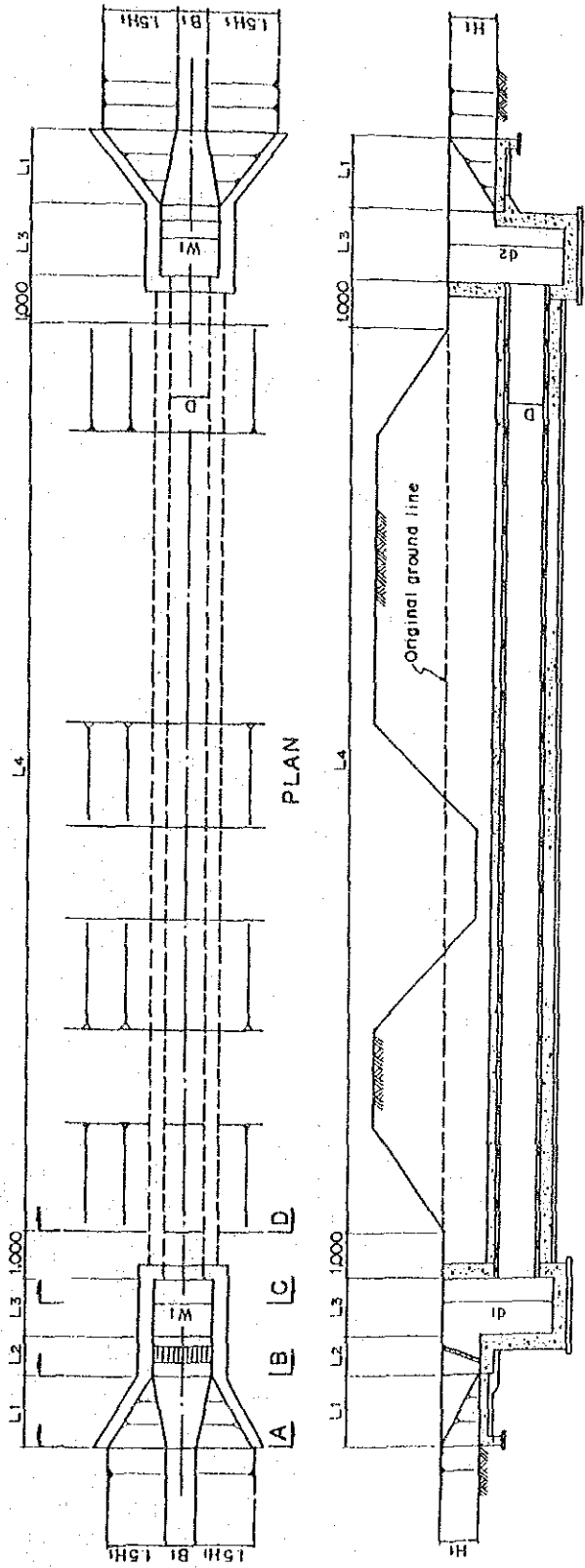
SECTION A-A  
(TYPE-B-2&3)



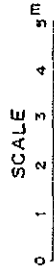
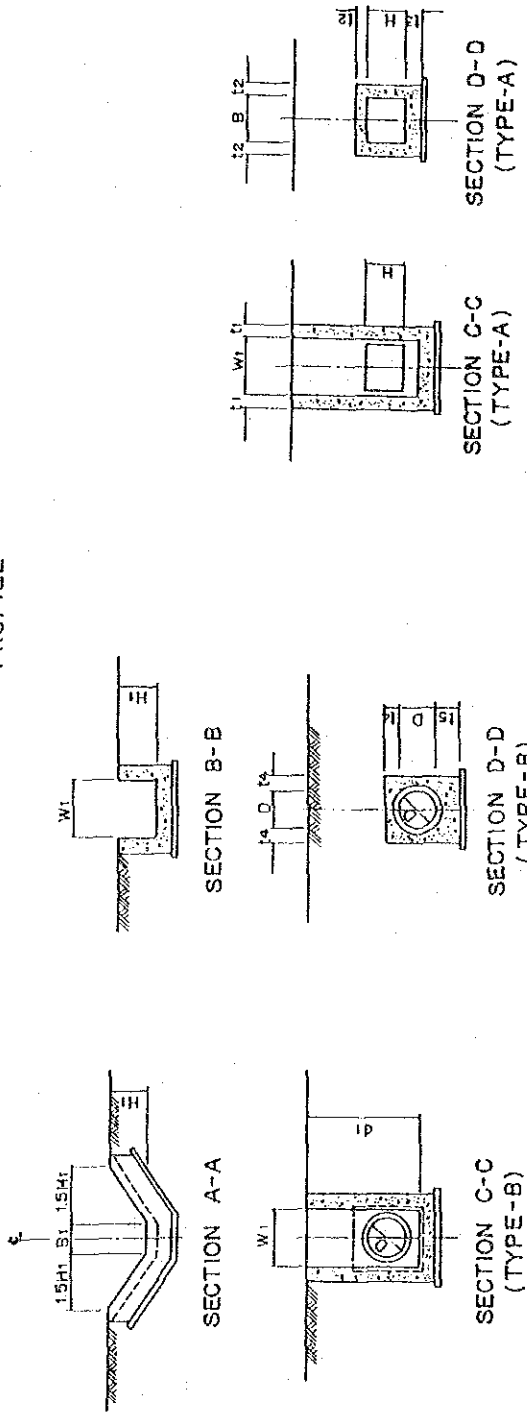
REPUBLIC OF KENYA NATIONAL IRRIGATION BOARD NWEA IRRIGATION SETTLEMENT SCHEME DEVELOPMENT PROJECT
TITLE OF DRAWING 排水暗渠 (タイプA & B)
JAPAN INTERNATIONAL COOPERATION AGENCY (DWG. NO. 401) TOKYO JAPAN



# DRAINAGE SYPHON



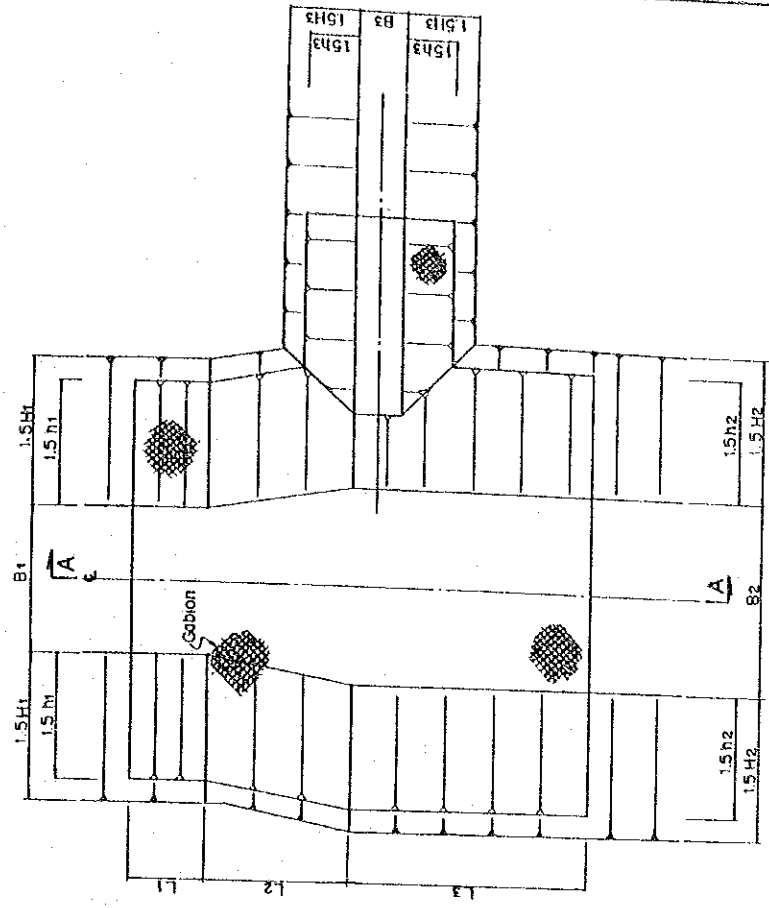
PROFILE



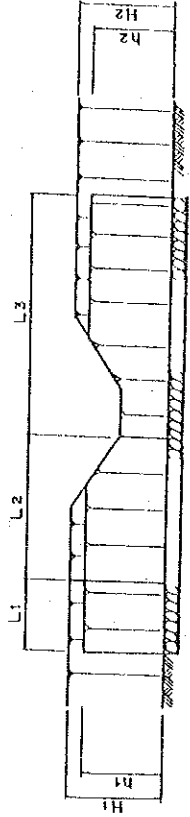
REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
NATIONAL IRRIGATION BOARD	
MWEA IRRIGATION SETTLEMENT SCHEME DEVELOPMENT PROJECT	DRAWING NO. 402
TITLE OF DRAWING 排水サイフォン	



DRAINAGE JUNCTION

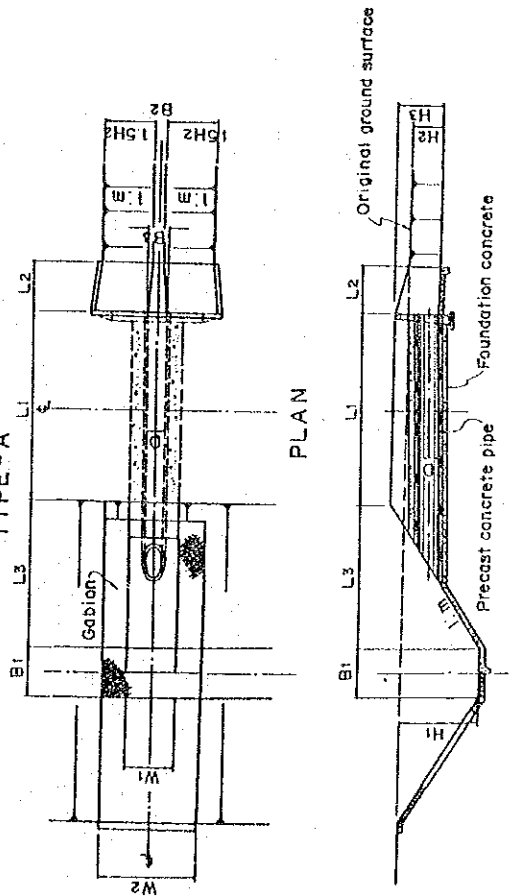


PLAN



SECTION A-A

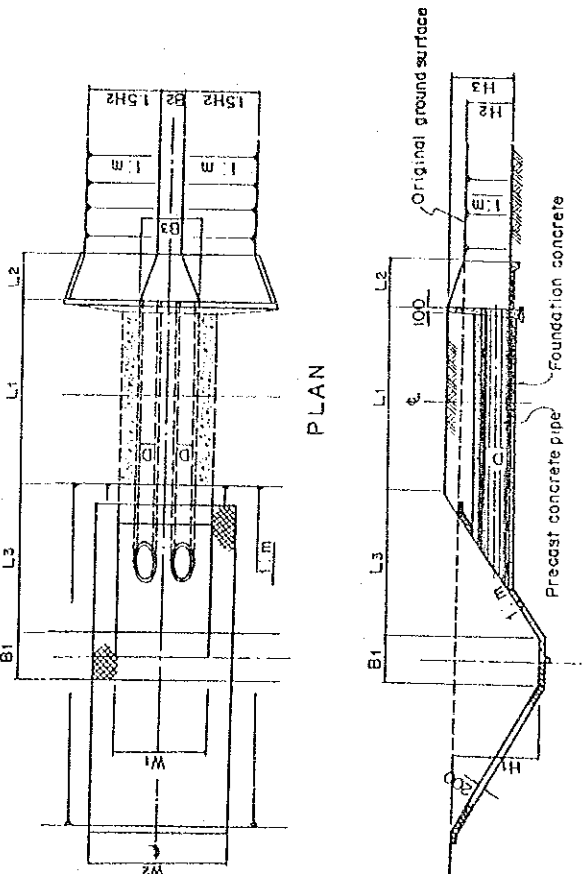
DRAINAGE INLET  
TYPE - A



PLAN

PROFILE

TYPE - B



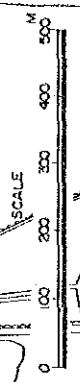
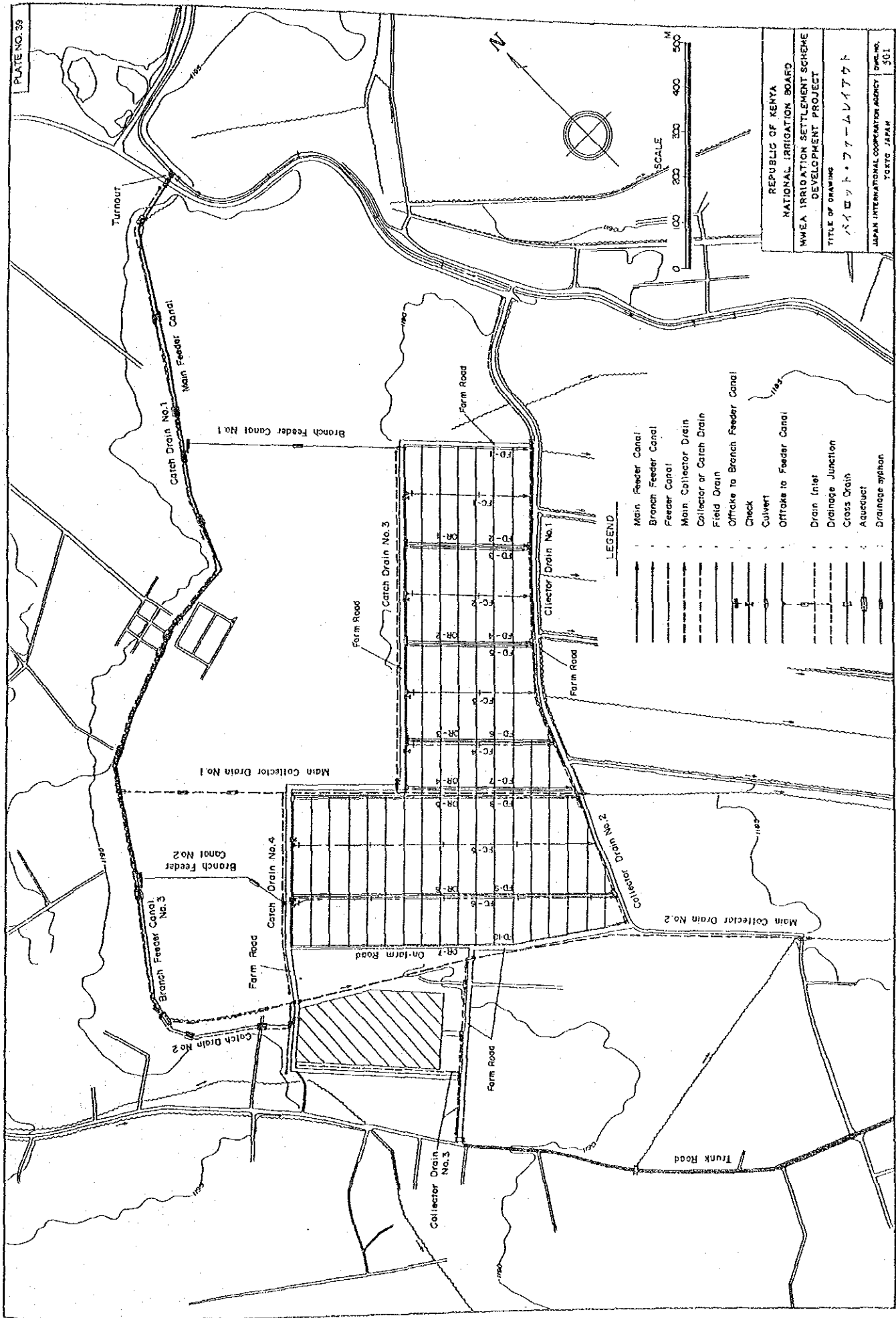
PLAN

PROFILE

REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY
NATIONAL IRRIGATION BOARD	DAIICHO
MWEA IRRIGATION SETTLEMENT SCHEME	403
DEVELOPMENT PROJECT	
TITLE OF DRAWING	
排水流入工および排水合流工	







LEGEND

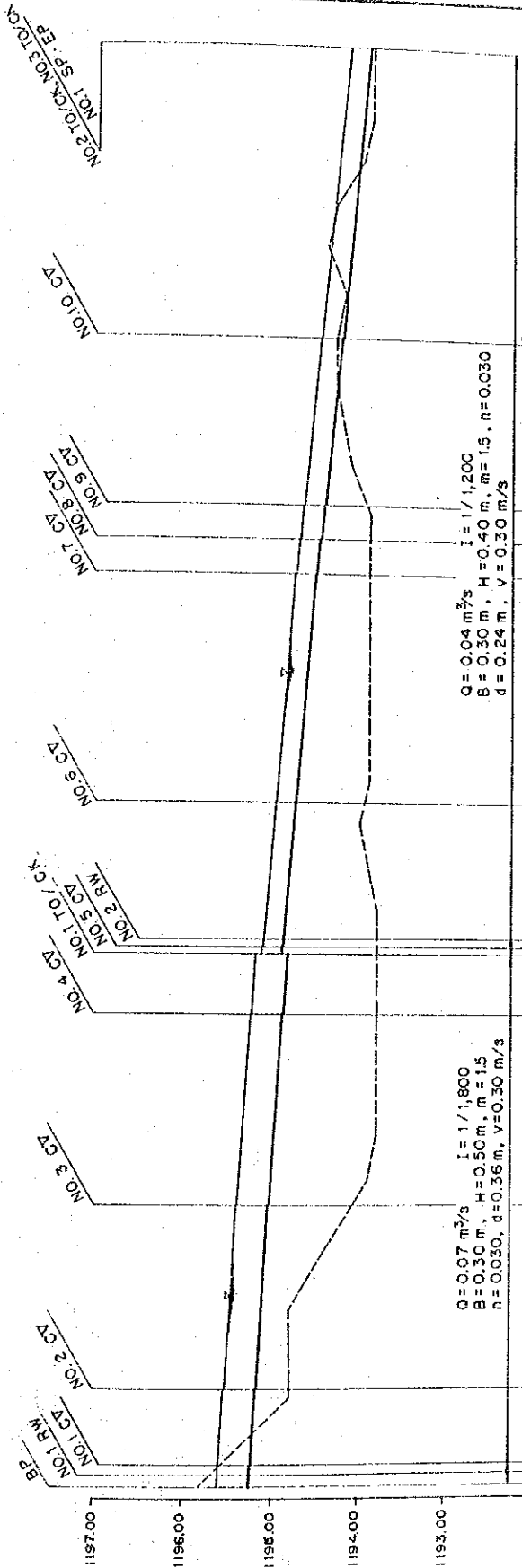
- Main Feeder Canal
- Branch Feeder Canal
- Feeder Canal
- Main Collector Drain
- Collector of Catch Drain
- Field Drain
- Offtake to Branch Feeder Canal
- Check
- Culvert
- Offtake to Feeder Canal
- Drain Inlet
- Drainage Junction
- Cross Drain
- Aqueduct
- Drainage siphon

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 WMEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT

TITLE OF DRAWING  
 ハイロット・ワームレイアウト

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) No. 501  
 TOKYO, JAPAN

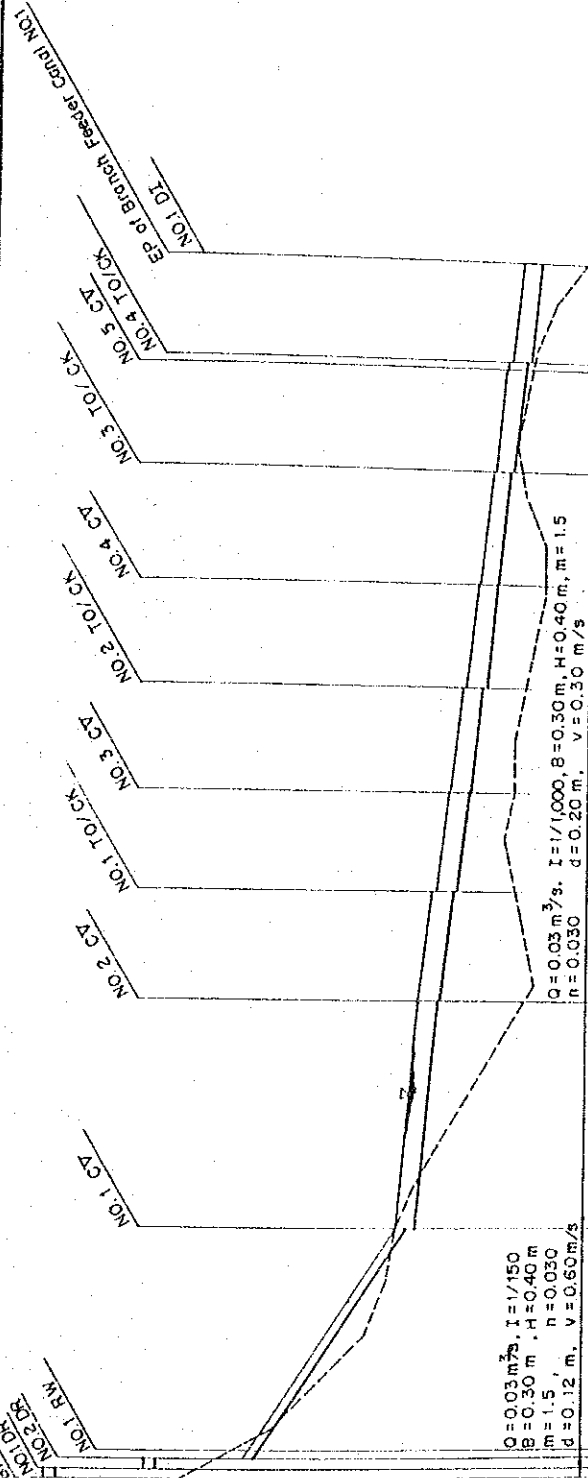




CURVE	EXISTING CONDITION		PROPOSED CONDITION	
	STATION NO.	REDUCED DISTANCE	ORIGINAL GROUND SURFACE ELEVATION	CANAL BASE ELEVATION
	0.0	0.0	1195.24	1195.24
	100.0	25.0	1195.22	1195.22
	200.0	75.0	1195.18	1195.18
	300.0	100.0	1195.17	1195.17
	400.0	110.0	1195.15	1195.15
	500.0	110.0	1195.15	1195.15
	600.0	110.0	1195.15	1195.15
	700.0	110.0	1195.15	1195.15
	800.0	110.0	1195.15	1195.15
	900.0	110.0	1195.15	1195.15
	1000.0	110.0	1195.15	1195.15
	1100.0	110.0	1195.15	1195.15
	1200.0	110.0	1195.15	1195.15
	1300.0	110.0	1195.15	1195.15
	1400.0	110.0	1195.15	1195.15
	1500.0	110.0	1195.15	1195.15
	1600.0	110.0	1195.15	1195.15
	1700.0	110.0	1195.15	1195.15
	1800.0	110.0	1195.15	1195.15
	1900.0	110.0	1195.15	1195.15
	2000.0	110.0	1195.15	1195.15
	2100.0	110.0	1195.15	1195.15
	2200.0	110.0	1195.15	1195.15
	2300.0	110.0	1195.15	1195.15
	2400.0	110.0	1195.15	1195.15
	2500.0	110.0	1195.15	1195.15
	2600.0	110.0	1195.15	1195.15
	2700.0	110.0	1195.15	1195.15
	2800.0	110.0	1195.15	1195.15
	2900.0	110.0	1195.15	1195.15
	3000.0	110.0	1195.15	1195.15
	3100.0	110.0	1195.15	1195.15
	3200.0	110.0	1195.15	1195.15
	3300.0	110.0	1195.15	1195.15
	3400.0	110.0	1195.15	1195.15
	3500.0	110.0	1195.15	1195.15
	3600.0	110.0	1195.15	1195.15
	3700.0	110.0	1195.15	1195.15
	3800.0	110.0	1195.15	1195.15
	3900.0	110.0	1195.15	1195.15
	4000.0	110.0	1195.15	1195.15
	4100.0	110.0	1195.15	1195.15
	4200.0	110.0	1195.15	1195.15
	4300.0	110.0	1195.15	1195.15
	4400.0	110.0	1195.15	1195.15
	4500.0	110.0	1195.15	1195.15
	4600.0	110.0	1195.15	1195.15
	4700.0	110.0	1195.15	1195.15
	4800.0	110.0	1195.15	1195.15
	4900.0	110.0	1195.15	1195.15
	5000.0	110.0	1195.15	1195.15
	5100.0	110.0	1195.15	1195.15
	5200.0	110.0	1195.15	1195.15
	5300.0	110.0	1195.15	1195.15
	5400.0	110.0	1195.15	1195.15
	5500.0	110.0	1195.15	1195.15
	5600.0	110.0	1195.15	1195.15
	5700.0	110.0	1195.15	1195.15
	5800.0	110.0	1195.15	1195.15
	5900.0	110.0	1195.15	1195.15
	6000.0	110.0	1195.15	1195.15
	6100.0	110.0	1195.15	1195.15
	6200.0	110.0	1195.15	1195.15
	6300.0	110.0	1195.15	1195.15
	6400.0	110.0	1195.15	1195.15
	6500.0	110.0	1195.15	1195.15
	6600.0	110.0	1195.15	1195.15
	6700.0	110.0	1195.15	1195.15
	6800.0	110.0	1195.15	1195.15
	6900.0	110.0	1195.15	1195.15
	7000.0	110.0	1195.15	1195.15
	7100.0	110.0	1195.15	1195.15
	7200.0	110.0	1195.15	1195.15
	7300.0	110.0	1195.15	1195.15
	7400.0	110.0	1195.15	1195.15
	7500.0	110.0	1195.15	1195.15
	7600.0	110.0	1195.15	1195.15
	7700.0	110.0	1195.15	1195.15
	7800.0	110.0	1195.15	1195.15
	7900.0	110.0	1195.15	1195.15
	8000.0	110.0	1195.15	1195.15
	8100.0	110.0	1195.15	1195.15
	8200.0	110.0	1195.15	1195.15
	8300.0	110.0	1195.15	1195.15
	8400.0	110.0	1195.15	1195.15
	8500.0	110.0	1195.15	1195.15
	8600.0	110.0	1195.15	1195.15
	8700.0	110.0	1195.15	1195.15
	8800.0	110.0	1195.15	1195.15
	8900.0	110.0	1195.15	1195.15
	9000.0	110.0	1195.15	1195.15
	9100.0	110.0	1195.15	1195.15
	9200.0	110.0	1195.15	1195.15
	9300.0	110.0	1195.15	1195.15
	9400.0	110.0	1195.15	1195.15
	9500.0	110.0	1195.15	1195.15
	9600.0	110.0	1195.15	1195.15
	9700.0	110.0	1195.15	1195.15
	9800.0	110.0	1195.15	1195.15
	9900.0	110.0	1195.15	1195.15
	10000.0	110.0	1195.15	1195.15

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 幹線開水水路  
 JAPAN INTERNATIONAL COOPERATION AGENCY | DWG. NO. | 502  
 TOKYO JAPAN





$Q = 0.03 \text{ m}^3/\text{s}$ ,  $I = 1/1000$ ,  $B = 0.30 \text{ m}$ ,  $H = 0.40 \text{ m}$ ,  $m = 1.5$   
 $n = 0.030$   
 $d = 0.12 \text{ m}$ ,  $v = 0.60 \text{ m/s}$

$Q = 0.03 \text{ m}^3/\text{s}$ ,  $I = 1/150$   
 $B = 0.30 \text{ m}$ ,  $H = 0.40 \text{ m}$   
 $m = 1.5$ ,  $n = 0.030$   
 $d = 0.12 \text{ m}$ ,  $v = 0.60 \text{ m/s}$

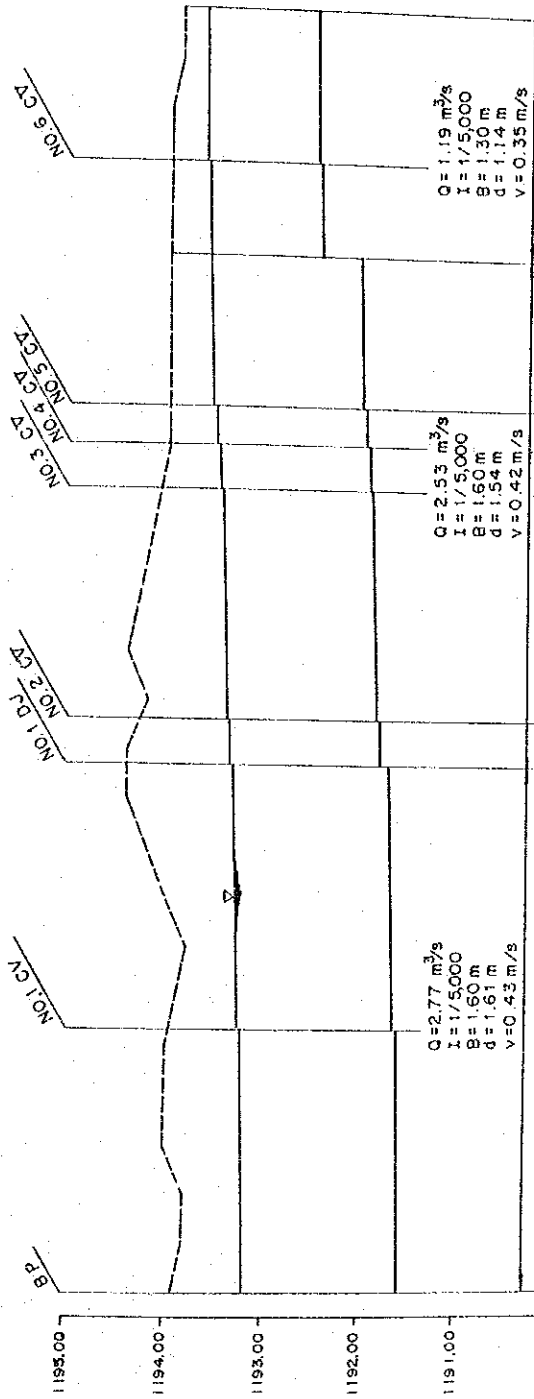
CURVE	EXISTING CONDITION		PROPOSED CONDITION	
	STATION NO.	REDUCED DISTANCE	EMBANKMENT ELEVATION	WATER SURFACE ELEVATION
BP	1100	0	1193.42	1193.42
NO. 1	1000	800	1192.89	1192.89
NO. 2	2000	1000	1191.90	1191.90
NO. 3	3000	485	1191.72	1191.72
NO. 4	4000	1000	1191.62	1191.62
NO. 5	4855	855	1191.55	1191.55
NO. 6	5000	25	1191.41	1191.41
NO. 7	7000	1000	1191.26	1191.26
NO. 8	8000	975	1191.13	1191.13
NO. 9	9000	950	1190.96	1190.96
NO. 10	10000	900	1190.86	1190.86
NO. 11	11000	750	1190.61	1190.61
NO. 12	12000	650	1190.45	1190.45
NO. 13	13000	500	1190.27	1190.27
NO. 14	14000	400	1190.12	1190.12











PROPOSED CONDITION		EXISTING CONDITION			
CURVE	STATION NO.	REDUCED DISTANCE	DISTANCE	ORIGINAL GROUND SURFACE ELEVATION	EMBAKMENT ELEVATION
BP	0.0		0.0	1193.80	1193.80
	NO. 1	100.0	100.0	1193.80	1191.57
		100.0	100.0	1193.20	1191.59
	NO. 2	200.0	100.0	1194.00	1191.61
		167.5	100.0	1191.62	1193.22
		267.5	300.0	1191.65	1193.26
	NO. 3	300.0	32.5	1193.90	1191.66
		500.0	100.0	1194.00	1191.68
	NO. 4	400.0	100.0	1194.00	1191.66
		500.0	100.0	1193.80	1193.29
	NO. 5	500.0	100.0	1194.40	1191.70
		535.0	35.0	1191.71	1193.32
		580.0	45.0	1191.81	1193.35
	NO. 6	600.0	20.0	1191.85	1193.39
		650.0	45.0	1191.85	1193.39
		700.0	100.0	1191.85	1193.39
	NO. 7	700.0	100.0	1194.20	1191.87
		800.0	102.0	1191.89	1193.43
		812.5	12.5	1191.90	1193.44
		857.5	45.0	1191.93	1193.47
	NO. 8	850.0	45.0	1191.94	1193.48
		895.0	37.5	1191.94	1193.51
		900.0	5.0	1191.98	1193.52
		950.0	50.0	1191.98	1193.52
	NO. 9	900.0	50.0	1194.00	1192.01
		1000.0	100.0	1194.00	1193.55
	NO. 10	1000.0	50.0	1194.00	1192.02
		1050.0	50.0	1192.04	1193.58
		1100.0	50.0	1192.44	1193.58
	NO. 11	1100.0	45.0	1194.00	1192.45
		1145.0	45.0	1192.46	1193.60
		1200.0	55.0	1192.49	1193.63
	NO. 12	1200.0	55.0	1194.40	1192.50
		1300.0	100.0	1193.90	1193.66

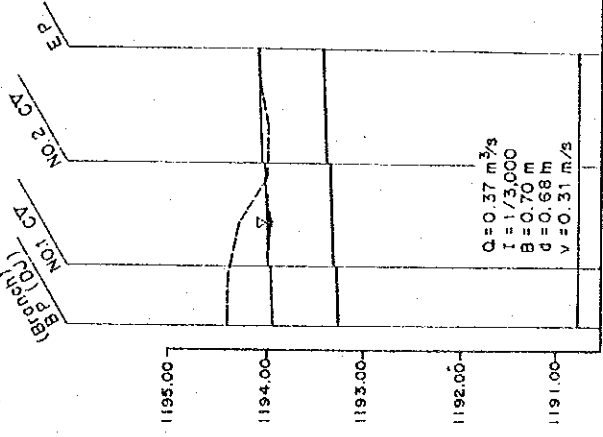
REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 NWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 永水路No.1 (1/2)  
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 TOKYO JAPAN  
 DWG. NO.  
 505



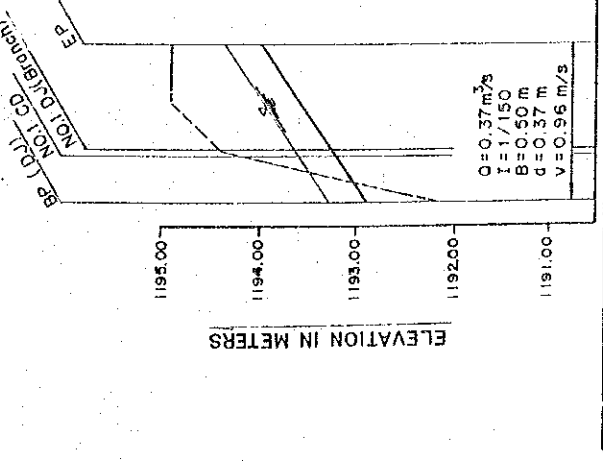




PLATE NO. 45



$Q = 0.37 \text{ m}^3/\text{s}$   
 $I = 1/3,000$   
 $B = 0.70 \text{ m}$   
 $d = 0.68 \text{ m}$   
 $V = 0.31 \text{ m/s}$



$Q = 0.37 \text{ m}^3/\text{s}$   
 $I = 1/150$   
 $B = 0.50 \text{ m}$   
 $d = 0.37 \text{ m}$   
 $V = 0.96 \text{ m/s}$

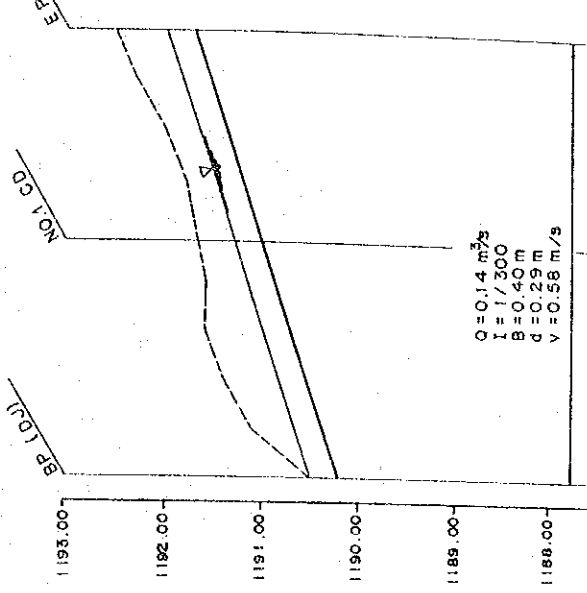
CURVE	EXISTING CONDITION		PROPOSED CONDITION	
	STATION NO.	REDUCED DISTANCE	STATION NO.	REDUCED DISTANCE
BP	+50.0	0.0	+50.0	0.0
	+52.4	47.5	+52.4	47.5
	+54.7	92.5	+54.7	92.5
	+58.0	160.0	+58.0	160.0
	+60.0	1000.0	+60.0	47.5
	+65.0	1500.0	+65.0	92.5
	+70.0	2000.0	+70.0	160.0
	+80.0	2600.0	+80.0	600.0

CURVE	EXISTING CONDITION		PROPOSED CONDITION	
	STATION NO.	REDUCED DISTANCE	STATION NO.	REDUCED DISTANCE
BP	+50.0	0.0	+50.0	0.0
	+52.4	40.0	+52.4	40.0
	+54.7	80.0	+54.7	80.0
	+58.0	150.0	+58.0	150.0
	+60.0	100.0	+60.0	40.0
	+65.0	165.0	+65.0	80.0
	+70.0	200.0	+70.0	150.0
	+80.0	260.0	+80.0	350.0
	+83.0	280.0	+83.0	350.0

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 NWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 承水路No. 2  
 JAPAN INTERNATIONAL COOPERATION AGENCY  
 TOKYO JAPAN  
 DWG. NO.  
 507

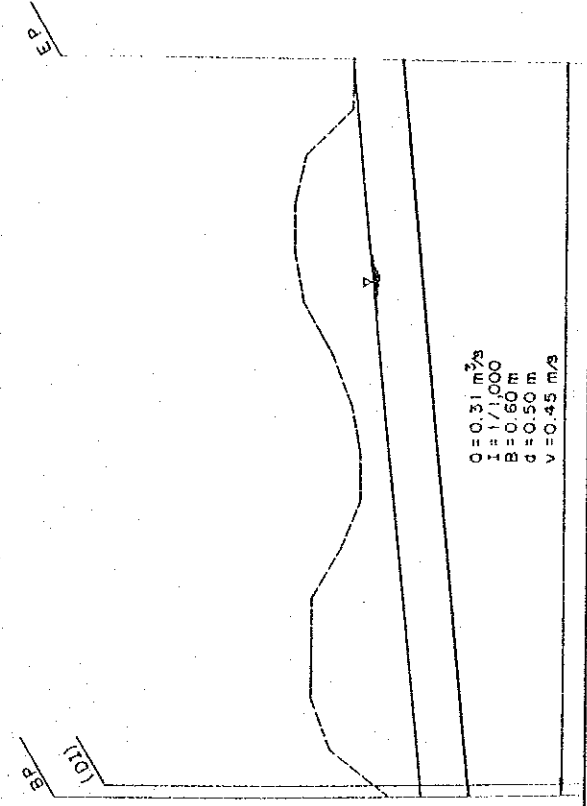


PLAN NO. 46



$Q = 0.14 \text{ m}^3/\text{s}$   
 $I = 1/300$   
 $B = 0.40 \text{ m}$   
 $d = 0.29 \text{ m}$   
 $V = 0.58 \text{ m/s}$

CURVE	STATION NO.	REDUCED DISTANCE	DISTANCE	ORIGINAL GROUND SURFACE ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	EMBANKMENT ELEVATION
BP	+500	0.0	1190.50	1190.50	1190.21	1190.50	1190.50
	NO. 1	100.0	100.0	1191.40	1190.54	1190.83	1191.60
	NO. 2	200.0	100.0	1191.60	1190.87	1191.16	1191.60
	NO. 3	300.0	62.5	1191.70	1191.00	1191.29	1191.50
	NO. 4	400.0	100.0	1192.50	1191.54	1191.83	1192.00
	NO. 5	500.0	50.0	1192.50	1191.71	1192.00	1192.00



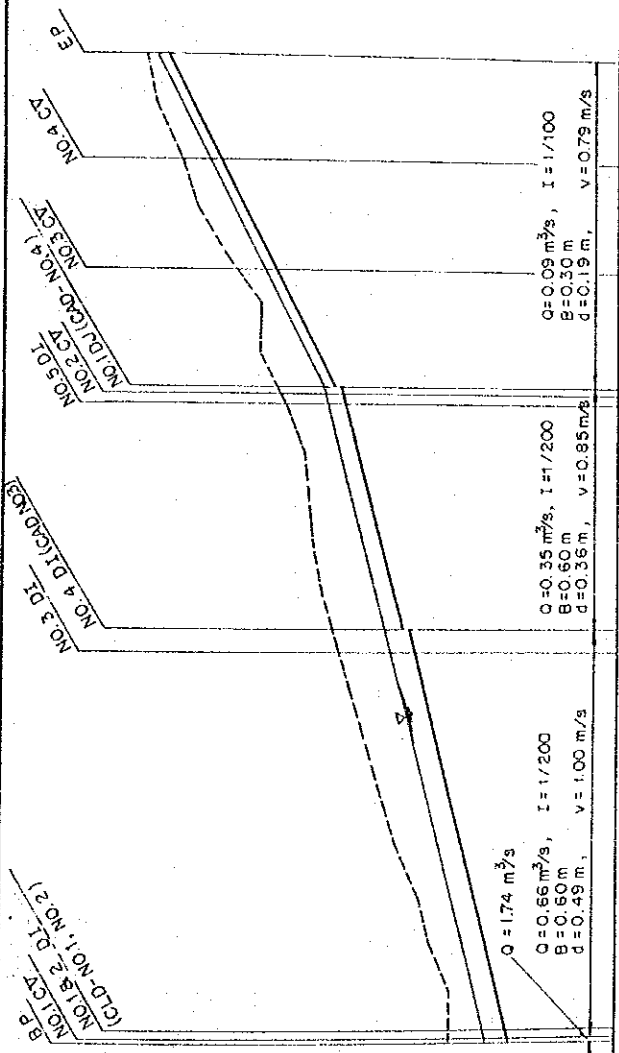
$Q = 0.31 \text{ m}^3/\text{s}$   
 $I = 1/1000$   
 $B = 0.60 \text{ m}$   
 $d = 0.50 \text{ m}$   
 $V = 0.45 \text{ m/s}$

CURVE	STATION NO.	REDUCED DISTANCE	DISTANCE	ORIGINAL GROUND SURFACE ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	EMBANKMENT ELEVATION
BP	+500	0.0	1189.20	1189.20	1188.76	1189.20	1189.20
	NO. 1	100.0	87.5	1190.40	1188.82	1189.35	1190.40
	NO. 2	200.0	100.0	1190.40	1189.95	1189.45	1190.40
	NO. 3	300.0	100.0	1189.90	1189.05	1189.55	1189.90
	NO. 4	400.0	100.0	1190.00	1189.15	1189.65	1190.20
	NO. 5	500.0	100.0	1190.50	1189.25	1189.75	1190.60
	NO. 6	600.0	100.0	1190.60	1189.35	1189.85	1190.60
	NO. 7	700.0	100.0	1190.00	1189.45	1189.95	1190.00
	NO. 8	800.0	50.0	1190.00	1189.50	1190.00	1190.00

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 承水渠 No. 3 および No. 4  
 JAPAN INTERNATIONAL COOPERATION AGENCY  
 TOKYO JAPAN  
 DRAWING NO.  
 508







ELEVATION IN METERS

1194.00
1193.00
1192.00
1191.00
1190.00
1189.00
1188.00
1187.00
1186.00
1185.00

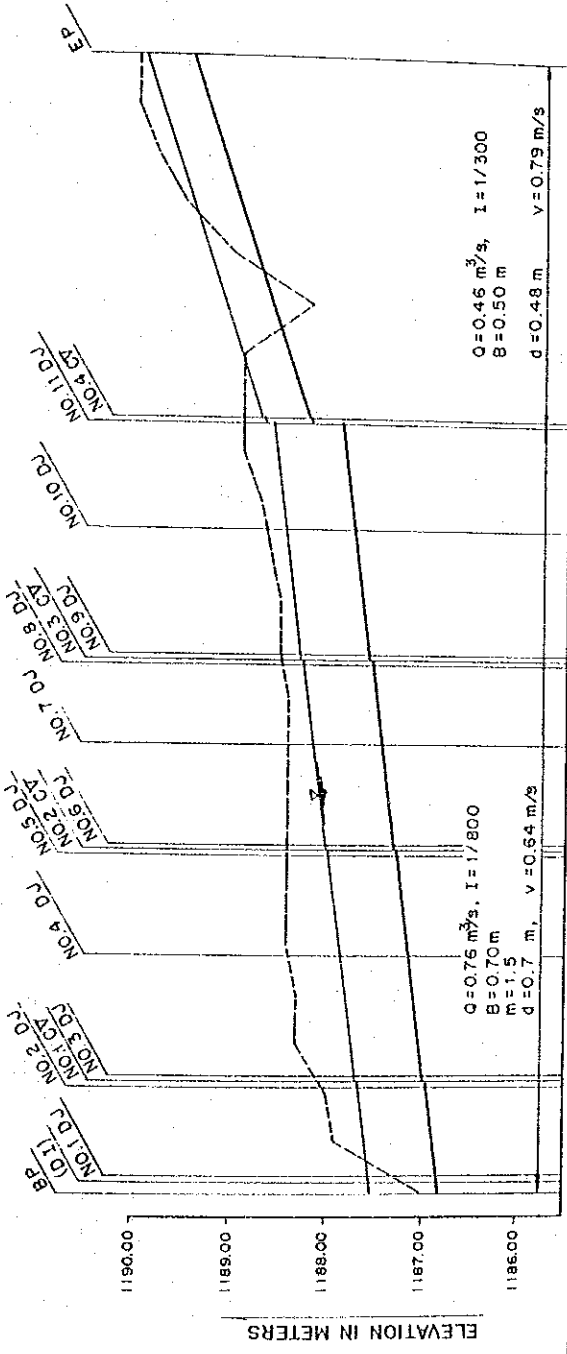
CURVE	EXISTING CONDITION		PROPOSED CONDITION	
	STATION NO.	REDUCED DISTANCE	ORIGINAL GROUND SURFACE ELEVATION	EMBANKMENT ELEVATION
BP	112.90	0.00	1187.00	1187.00
	112.90	1.00	1187.00	1187.00
	112.90	2.00	1187.00	1187.00
	112.90	3.00	1187.00	1187.00
	112.90	4.00	1187.00	1187.00
	112.90	5.00	1187.00	1187.00
	112.90	6.00	1187.00	1187.00
	112.90	7.00	1187.00	1187.00
	112.90	8.00	1187.00	1187.00
	112.90	9.00	1187.00	1187.00
	112.90	10.00	1187.00	1187.00
	112.90	11.00	1187.00	1187.00
	112.90	12.00	1187.00	1187.00
	112.90	13.00	1187.00	1187.00
	112.90	14.00	1187.00	1187.00
	112.90	15.00	1187.00	1187.00
	112.90	16.00	1187.00	1187.00
	112.90	17.00	1187.00	1187.00
	112.90	18.00	1187.00	1187.00
	112.90	19.00	1187.00	1187.00
	112.90	20.00	1187.00	1187.00
	112.90	21.00	1187.00	1187.00
	112.90	22.00	1187.00	1187.00
	112.90	23.00	1187.00	1187.00
	112.90	24.00	1187.00	1187.00
	112.90	25.00	1187.00	1187.00
	112.90	26.00	1187.00	1187.00
	112.90	27.00	1187.00	1187.00
	112.90	28.00	1187.00	1187.00
	112.90	29.00	1187.00	1187.00
	112.90	30.00	1187.00	1187.00
	112.90	31.00	1187.00	1187.00
	112.90	32.00	1187.00	1187.00
	112.90	33.00	1187.00	1187.00
	112.90	34.00	1187.00	1187.00
	112.90	35.00	1187.00	1187.00
	112.90	36.00	1187.00	1187.00
	112.90	37.00	1187.00	1187.00
	112.90	38.00	1187.00	1187.00
	112.90	39.00	1187.00	1187.00
	112.90	40.00	1187.00	1187.00
	112.90	41.00	1187.00	1187.00
	112.90	42.00	1187.00	1187.00
	112.90	43.00	1187.00	1187.00
	112.90	44.00	1187.00	1187.00
	112.90	45.00	1187.00	1187.00
	112.90	46.00	1187.00	1187.00
	112.90	47.00	1187.00	1187.00
	112.90	48.00	1187.00	1187.00
	112.90	49.00	1187.00	1187.00
	112.90	50.00	1187.00	1187.00

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 幹線運水渠水路 No. 1  
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) DIV. NO. 509  
 TOKYO JAPAN







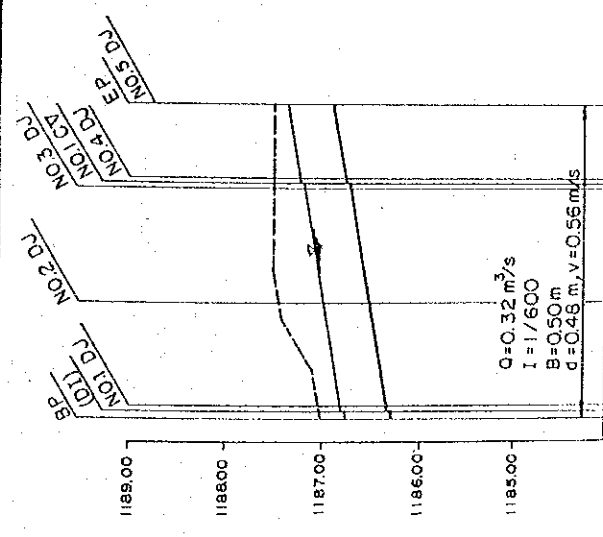


EMBANKMENT ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	DISTANCE	REDUCED DISTANCE	STATION NO.	CURVE
1187.00	1187.00	1187.00	1187.00	400	2400	NO. 2	1500
1187.81	1187.16	1187.11	1187.81	825	2000	NO. 2	1500
1188.30	1188.40	1188.30	1188.30	1188.40	400	NO. 3	1500
1187.24	1187.24	1187.24	1187.24	600	3000	NO. 3	1500
1187.99	1187.29	1187.29	1187.99	425	3425	NO. 4	1500
1188.02	1187.32	1187.32	1188.02	50	3525	NO. 4	1500
1188.08	1187.38	1187.38	1188.08	475	4000	NO. 4	1500
1188.15	1187.45	1187.45	1188.15	550	4550	NO. 5	1500
1188.21	1187.51	1187.51	1188.21	450	5000	NO. 5	1500
1188.26	1187.56	1187.56	1188.26	450	5400	NO. 5	1500
1188.28	1187.58	1187.58	1188.28	450	5450	NO. 5	1500
1188.36	1187.66	1187.66	1188.36	550	6000	NO. 6	1500
1188.45	1187.75	1187.75	1188.45	725	6725	NO. 7	1500
1188.48	1187.70	1187.70	1188.48	275	7000	NO. 7	1500
1188.90	1188.90	1188.90	1188.90	800	7800	NO. 8	1500
1188.92	1188.92	1188.92	1188.92	800	8000	NO. 8	1500
1188.93	1188.93	1188.93	1188.93	1000	10000	NO. 10	1500
1189.41	1189.41	1189.41	1189.41	1000	10000	NO. 10	1500
1189.80	1189.80	1189.80	1189.80	1000	10000	NO. 11	1500
1189.74	1189.74	1189.74	1189.74	1000	10000	NO. 11	1500
1189.92	1189.92	1189.92	1189.92	500	15000	NO. 11	1500

REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 支線運場排水路No. 1  
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) NO. 511  
 TOKYO JAPAN

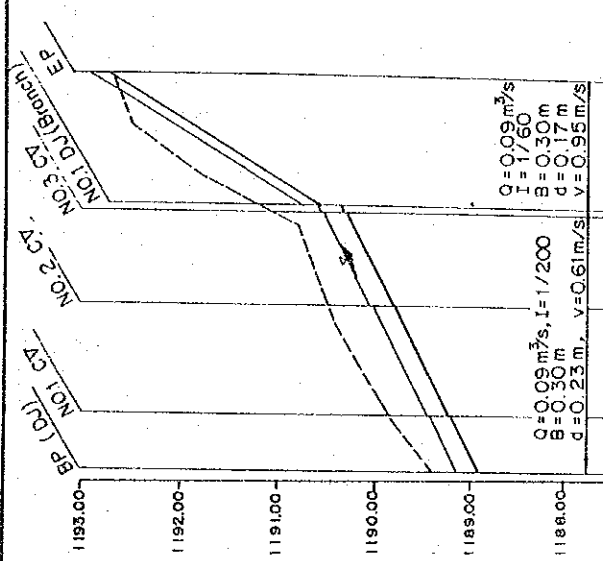


ELEVATION IN METERS



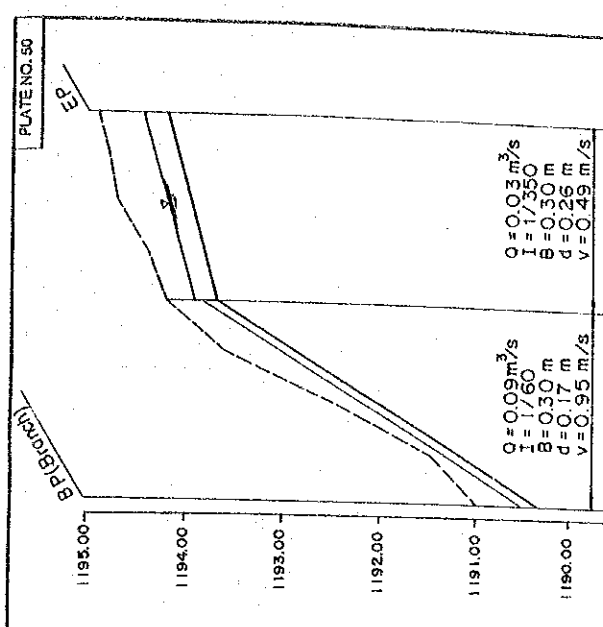
$Q = 0.32 \text{ m}^3/\text{s}$   
 $I = 1/600$   
 $B = 0.50 \text{ m}$   
 $d = 0.48 \text{ m}, v = 0.56 \text{ m/s}$

CURVE	PROPOSED CONDITION			EXISTING CONDITION		
	EMBANKMENT ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION	EMBANKMENT ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION
BP	1187.75	1187.75	1187.75	1187.00	1187.00	1187.00
NO. 1	1186.96	1187.50	1186.48	1187.50	1187.40	1186.48
NO. 2	1187.11	1187.50	1186.63	1187.50	1187.50	1186.63
NO. 3	1187.31	1187.50	1186.83	1187.50	1187.50	1186.83
NO. 4	1187.34	1187.50	1186.87	1187.50	1187.50	1186.87
EP	1187.75	1187.75	1187.75	1187.75	1187.75	1187.75



$Q = 0.09 \text{ m}^3/\text{s}$   
 $I = 1/200$   
 $B = 0.30 \text{ m}$   
 $d = 0.23 \text{ m}, v = 0.61 \text{ m/s}$

CURVE	PROPOSED CONDITION			EXISTING CONDITION		
	EMBANKMENT ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION	EMBANKMENT ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION
BP	1189.15	1189.47	1189.21	1189.40	1189.40	1189.21
NO. 1	1189.68	1190.03	1189.45	1190.10	1190.40	1189.80
NO. 2	1190.21	1190.60	1190.98	1190.60	1190.70	1190.03
NO. 3	1191.23	1191.59	1190.52	1191.80	1192.00	1190.80
NO. 4	1192.73	1192.73	1192.73	1192.70	1192.70	1192.73
EP	1192.90	1192.90	1192.90	1192.90	1192.90	1192.90



$Q = 0.09 \text{ m}^3/\text{s}$   
 $I = 1/60$   
 $B = 0.30 \text{ m}$   
 $d = 0.17 \text{ m}, v = 0.95 \text{ m/s}$

CURVE	PROPOSED CONDITION			EXISTING CONDITION		
	EMBANKMENT ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION	EMBANKMENT ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION
BP	1190.50	1192.17	1193.83	1191.00	1191.50	1190.50
NO. 1	1193.92	1194.20	1193.66	1192.50	1192.50	1192.00
NO. 2	1194.21	1194.40	1193.83	1194.40	1194.40	1193.83
NO. 3	1194.80	1194.80	1194.80	1194.80	1194.80	1194.80
NO. 4	1194.80	1194.80	1194.80	1194.80	1194.80	1194.80
EP	1195.00	1195.00	1195.00	1195.00	1195.00	1195.00

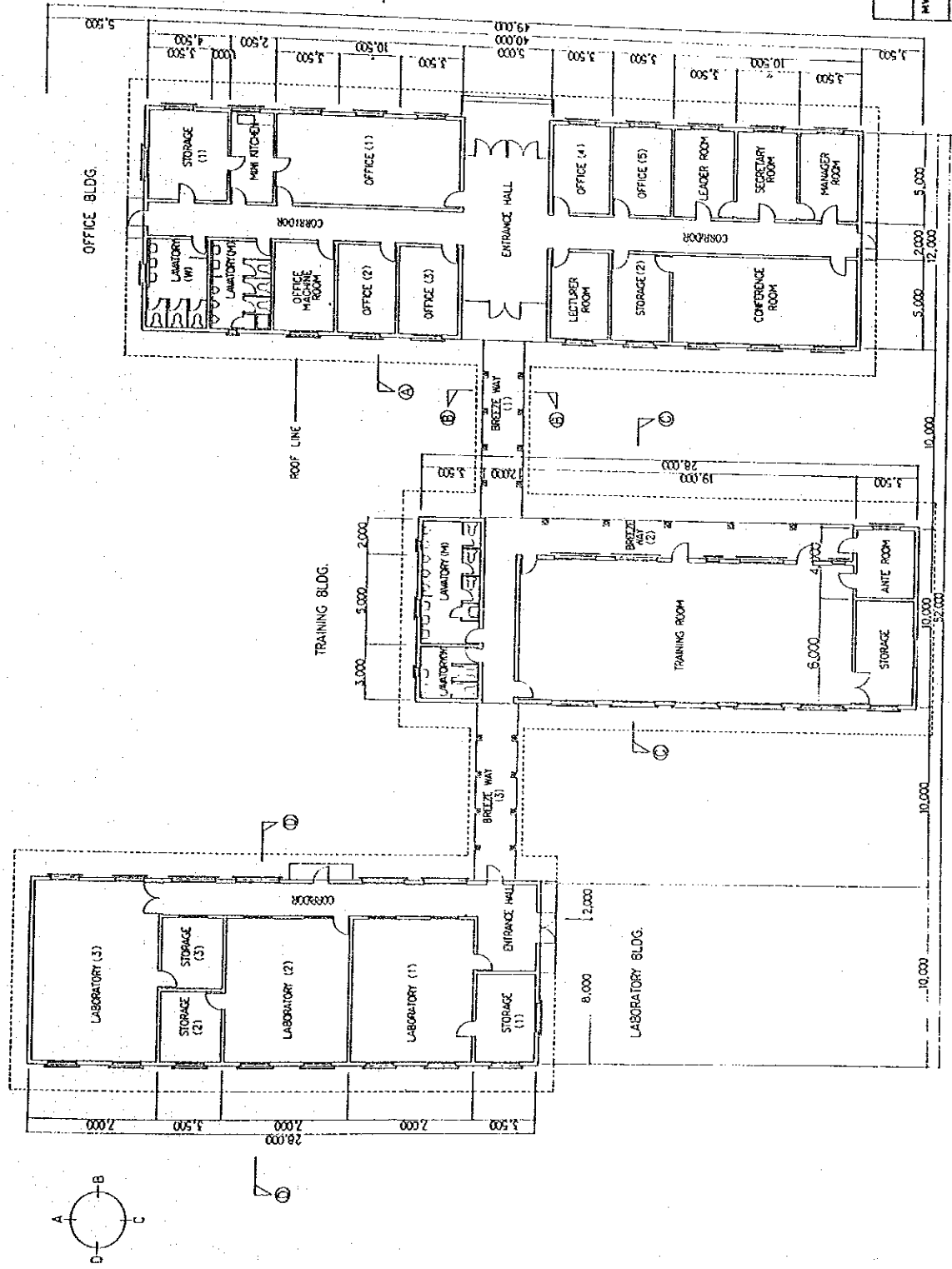
REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT  
 TITLE OF DRAWING  
 支線開渠水路No. 2およびNo. 3  
 JAPAN INTERNATIONAL COOPERATION AGENCY  
 TOKYO JAPAN  
 DWG. NO. 512









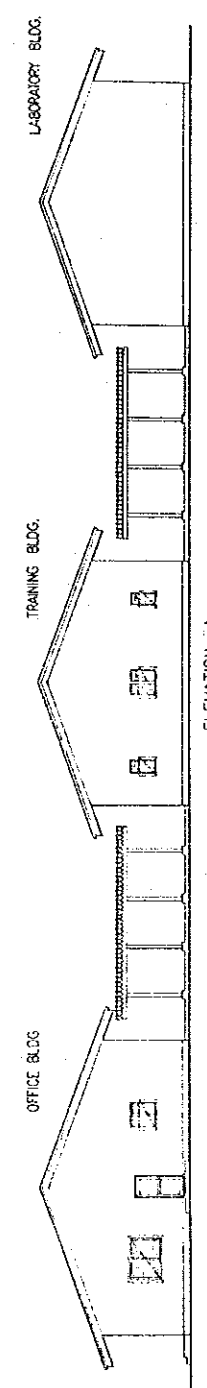
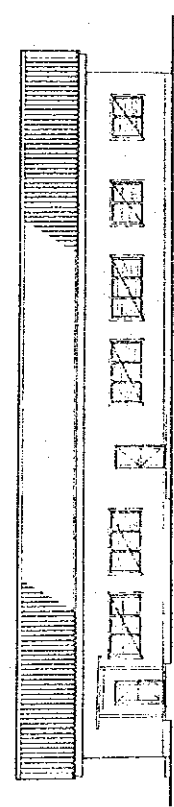
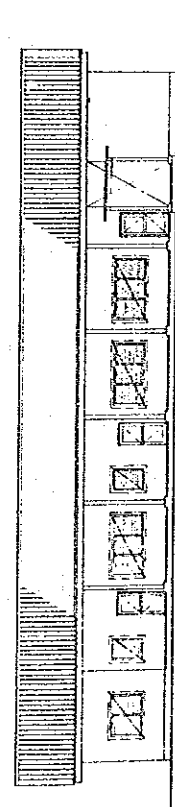
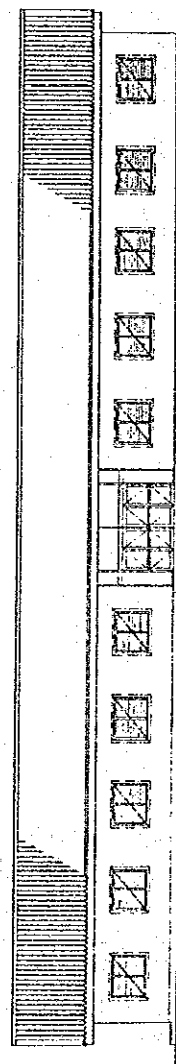
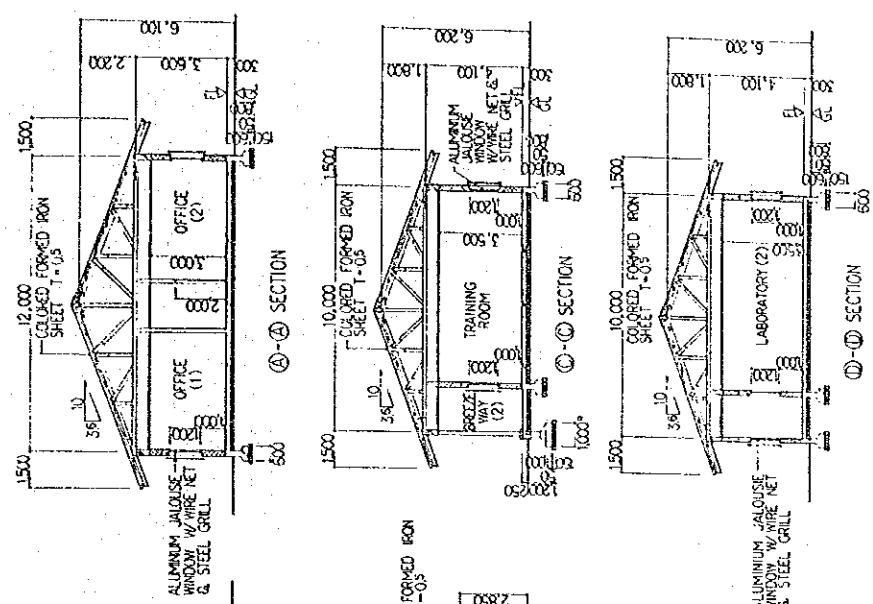


REPUBLIC OF KENYA  
 NATIONAL IRRIGATION BOARD  
 MWEA IRRIGATION SETTLEMENT SCHEME  
 DEVELOPMENT PROJECT

TITLE OF DRAWING  
 管理棟 (1 / 2)

JAPAN INTERNATIONAL COOPERATION AGENCY | DRAWING NO. 602  
 TOKYO JAPAN





LEGEND : [Symbol] STEEL GRILL

REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY	DRAWING NO.	603
NATIONAL IRRIGATION BOARD		TOKYO, JAPAN	
MWEA IRRIGATION SETTLEMENT SCHEME DEVELOPMENT PROJECT			
TITLE OF DRAWING	管理棟 (2/2)		

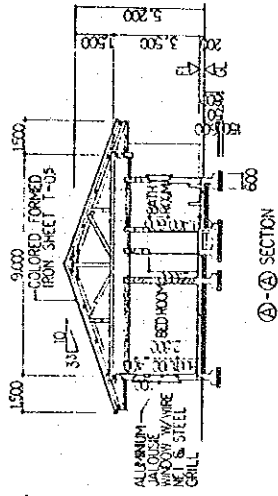
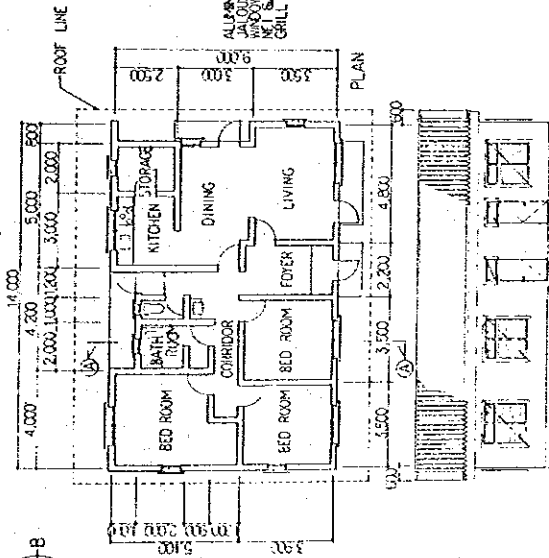
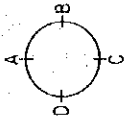




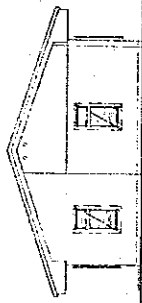




HOUSING

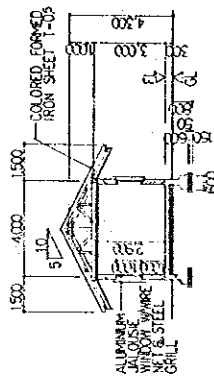
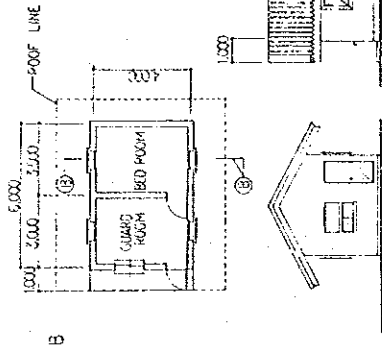
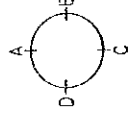


Ⓐ-Ⓐ SECTION



ELEVATION - B

GUARD HOUSE



Ⓐ-Ⓐ SECTION

LEGEND: [Symbol] STEEL GRILL



REPUBLIC OF KENYA	JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO, JAPAN
NATIONAL IRRIGATION BOARD	
MWEA IRRIGATION SETTLEMENT SCHEME	TITLE OF DRAWING 専門家用宿舎
DEVELOPMENT PROJECT	
OWNING NO. 605	

ELEVATION - C

ELEVATION - D









JICA