

Drawings

LIST OF DRAWING (1/2)

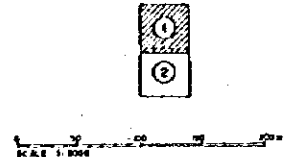
No.	Drawing No.	Title of Drawing	
1	0001	General Layout	Bimoku Scheme (1/2)
2	0002	General Layout	Bimoku Scheme (2/2)
3	0003	General Layout	Oeltua Scheme (1/2)
4	0004	General Layout	Oeltua Scheme (2/2)
5	0005	General Layout	Benkoko Scheme
6	0006	General Layout	Oebuain Scheme (1/3)
7	0007	General Layout	Oebuain Scheme (2/3)
8	0008	General Layout	Oebuain Scheme (3/3)
9	0009	General Layout	Matasio Scheme
10	1001	Bimoku Scheme	Plan and Section of Reservoir
11	1002	Bimoku Scheme	Profile and Section of Spillway
12	1003	Bimoku Scheme	Plan and Profile of Intake
13	1004	Bimoku Scheme	Plan and Profile of Valve House
14	1005	Bimoku Scheme	Blanket and Fence of Reservoir
15	1006	Bimoku Scheme	Profile of Pipeline
16	2001	Oeltua Scheme	Plan and Section of Reservoir
17	2002	Oeltua Scheme	Profile and Section of Spillway
18	2003	Oeltua Scheme	Plan and Profile of Intake
19	2004	Oeltua Scheme	Plan and Profile of Valve House
20	2005	Oeltua Scheme	Blanket and Fence of Reservoir
21	2006	Oeltua Scheme	Profile of Pipeline
22	3001	Benkoko Scheme	Plan and Section of Reservoir
23	3002	Benkoko Scheme	Profile and Section of Spillway
24	3003	Benkoko Scheme	Plan and Profile of Intake
25	3004	Benkoko Scheme	Plan and Profile of Valve House
26	3005	Benkoko Scheme	Blanket and Fence of Reservoir
27	3006	Benkoko Scheme	Profile of Pipeline (1/2)
28	3007	Benkoko Scheme	Profile of Pipeline (2/2)
29	3008	Benkoko Scheme	Canal Profile and Related Structures
30	3009	Benkoko Scheme	Operation and Maintenance Road Profile and Related Structures

LIST OF DRAWING (2/2)

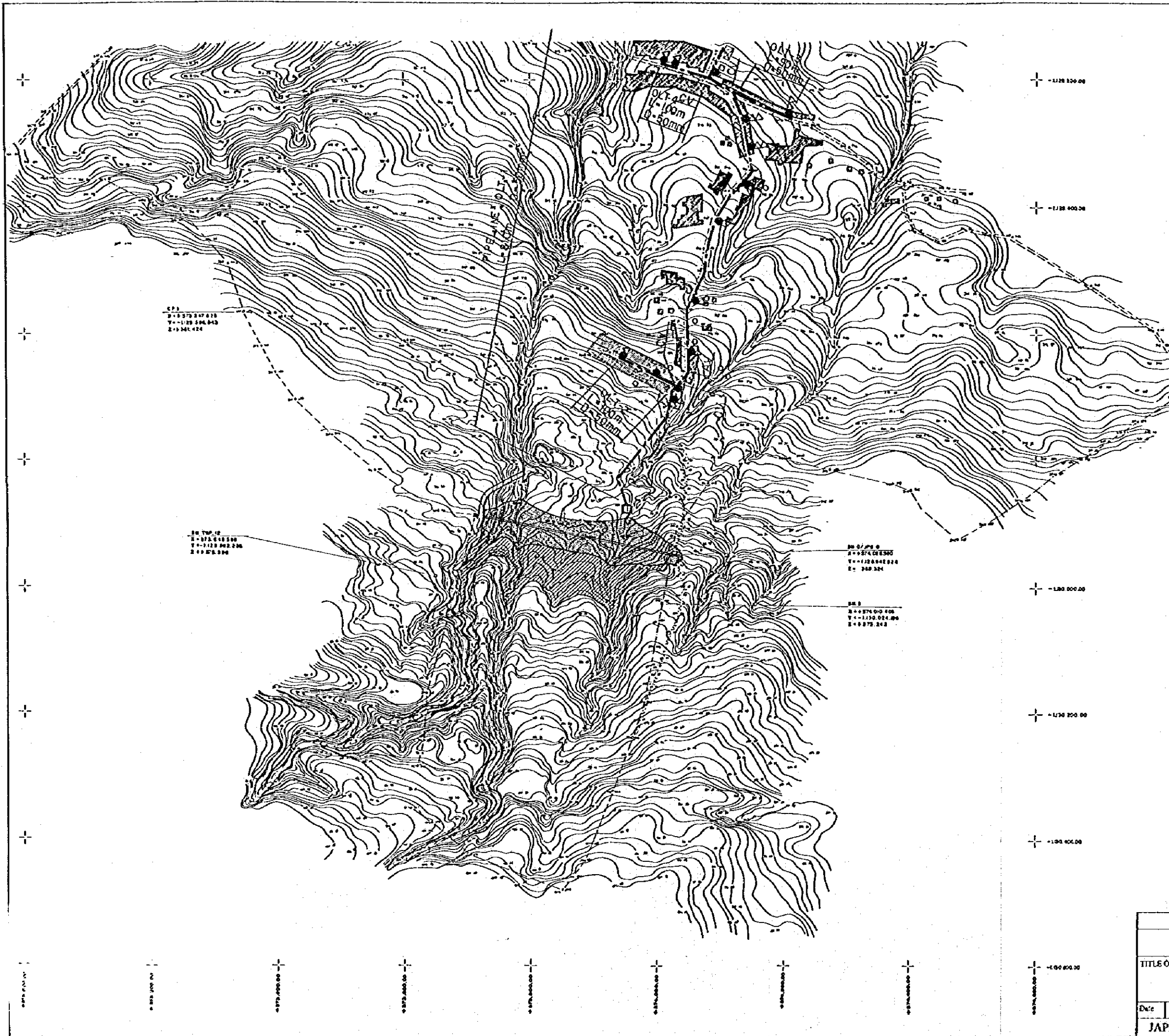
No.	Drawing No.		Title of Drawing
31	4001	Oebuain Scheme	Plan and Section of Reservoir
32	4002	Oebuain Scheme	Profile and Section of Spillway
33	4003	Oebuain Scheme	Plan and Profile of Intake
34	4004	Oebuain Scheme	Plan and Profile of Valve House
35	4005	Oebuain Scheme	Blanket and Fence of Reservoir
36	4006	Oebuain Scheme	Profile of Pipeline (1/2)
37	4007	Oebuain Scheme	Profile of Pipeline (2/2)
38	5001	Matasio Scheme	Plan and Section of Reservoir
39	5002	Matasio Scheme	Profile and Section of Spillway
40	5003	Matasio Scheme	Plan and Profile of Intake
41	5004	Matasio Scheme	Plan and Profile of Valve House
42	5005	Matasio Scheme	Profile of Pipeline (1/2)
43	5006	Matasio Scheme	Profile of Pipeline (2/2)
44	5007	Matasio Scheme	Canal Profile and Related Structures
45	5008	Matasio Scheme	Operation and Maintenance Road Profile and Related Structures
46	6001	General	Typical Related Structures of Reservoir (1/2)
47	6002	General	Typical Related Structures of Reservoir (2/2)
48	6003	General	Typical Related Structures of Pipeline



- U/M
- LEGEND:
- SECTION BOUNDARY
 - TRANCHE PERIMETER APPROXIMATE CENTER
 - CANAL
 - RIVER
 - RIVER FLOW DIRECTION
 - MANGROVE SWAMP
 - TANGGA KAYU SIKI
 - FIRE STATION
 - POLICE STATION
 - TRANSFER POINT
 - TRANSMITTER STATION
 - JALIN PERUMAHAN SADERAJAT
 - PERFORMANCE AREA
 - SITE AREA
 - AREA MIREMBEL
 - AREA SUBMIRING TAMBAK
 - AREA VILLAGE
 - JALAN PROPRIETARY
 - JALAN TRANS VILLAGE ROAD
 - JALAN KAMPUNG SUB-VILLAGE BOUNDARY

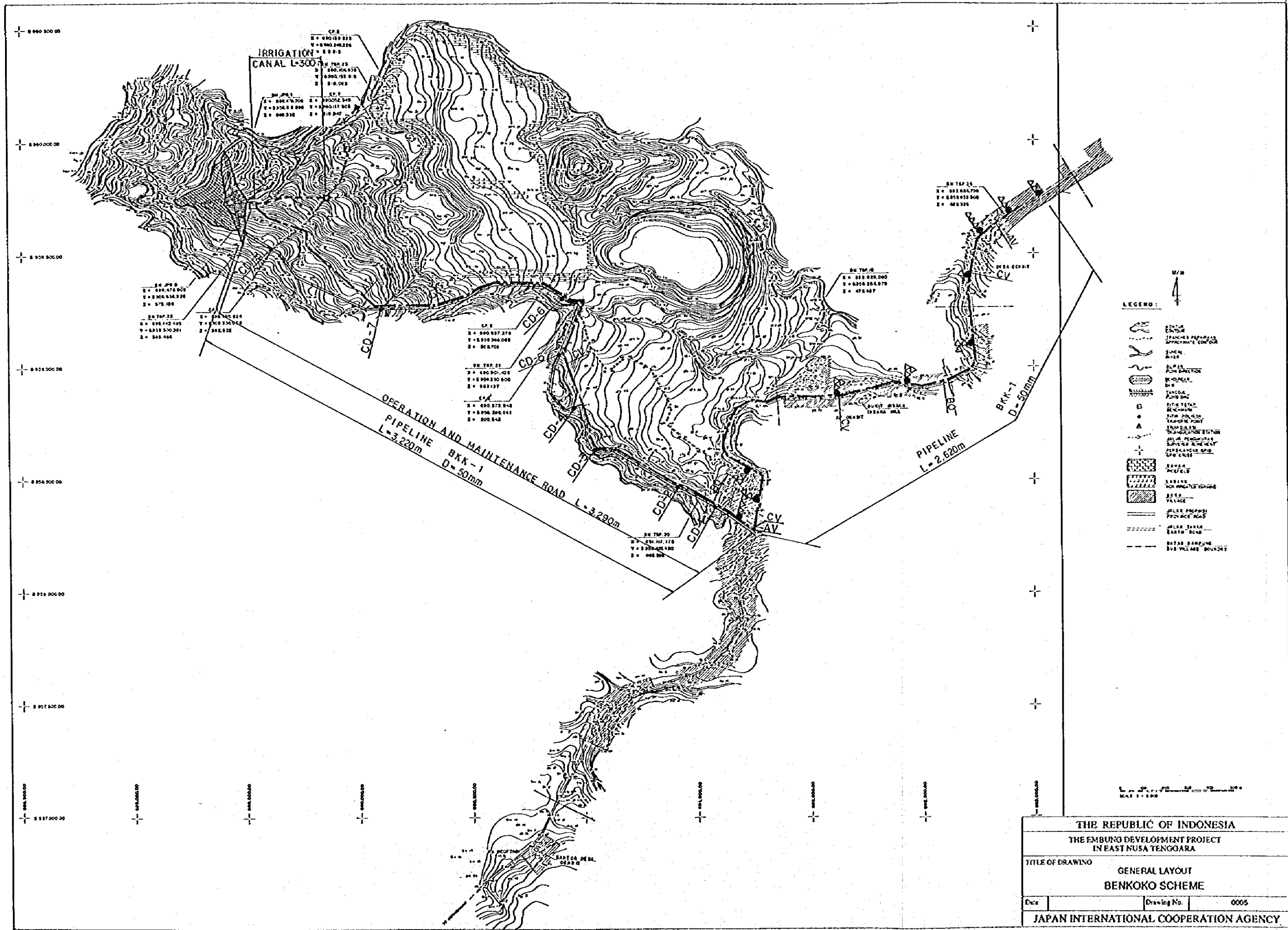


THE REPUBLIC OF INDONESIA		
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING		
GENERAL LAYOUT BIMOKU SCHEME (2/2)		
Date	Drawing No.	0002
JAPAN INTERNATIONAL COOPERATION AGENCY		



- V/M
- 4
- LEGEND:
- BOUNDARY & CENTER LINE APPROXIMATE CONTROL
 - ROAD
 - FLOW DIRECTION
 - RECTANGULAR DITCH
 - CIRCULAR DITCH
 - DITCH WITH WATER
 - DITCH WITH VEGETATION
 - DITCH WITH STONE
 - DITCH WITH CONCRETE
 - DITCH WITH BRICK
 - DITCH WITH MASONRY
 - DITCH WITH RUBBLE
 - DITCH WITH STONE MASONRY
 - DITCH WITH BRICK MASONRY
 - DITCH WITH CONCRETE MASONRY
 - DITCH WITH MASONRY WALL
 - DITCH WITH STONE WALL
 - DITCH WITH BRICK WALL
 - DITCH WITH CONCRETE WALL

THE REPUBLIC OF INDONESIA	
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING GENERAL LAYOUT OELTUA SCHEME (1/2)	
Date	Drawing No. 0003
JAPAN INTERNATIONAL COOPERATION AGENCY	



IRRIGATION CANAL L=300

CP 1
 X = 83018 823
 Y = 890248 256
 Z = 8 8 8

CP 2
 X = 83018 823
 Y = 890248 256
 Z = 8 8 8

CP 3
 X = 83018 823
 Y = 890248 256
 Z = 8 8 8

CP 4
 X = 83018 823
 Y = 890248 256
 Z = 8 8 8

CP 5
 X = 83018 823
 Y = 890248 256
 Z = 8 8 8

SH TOP 2
 X = 819 478 908
 Y = 8308 638 328
 Z = 878 488

SH TOP 3
 X = 819 478 908
 Y = 8308 638 328
 Z = 878 488

CP 6
 X = 890 837 378
 Y = 8338 364 048
 Z = 808 708

SH TOP 11
 X = 890 837 378
 Y = 8338 364 048
 Z = 808 708

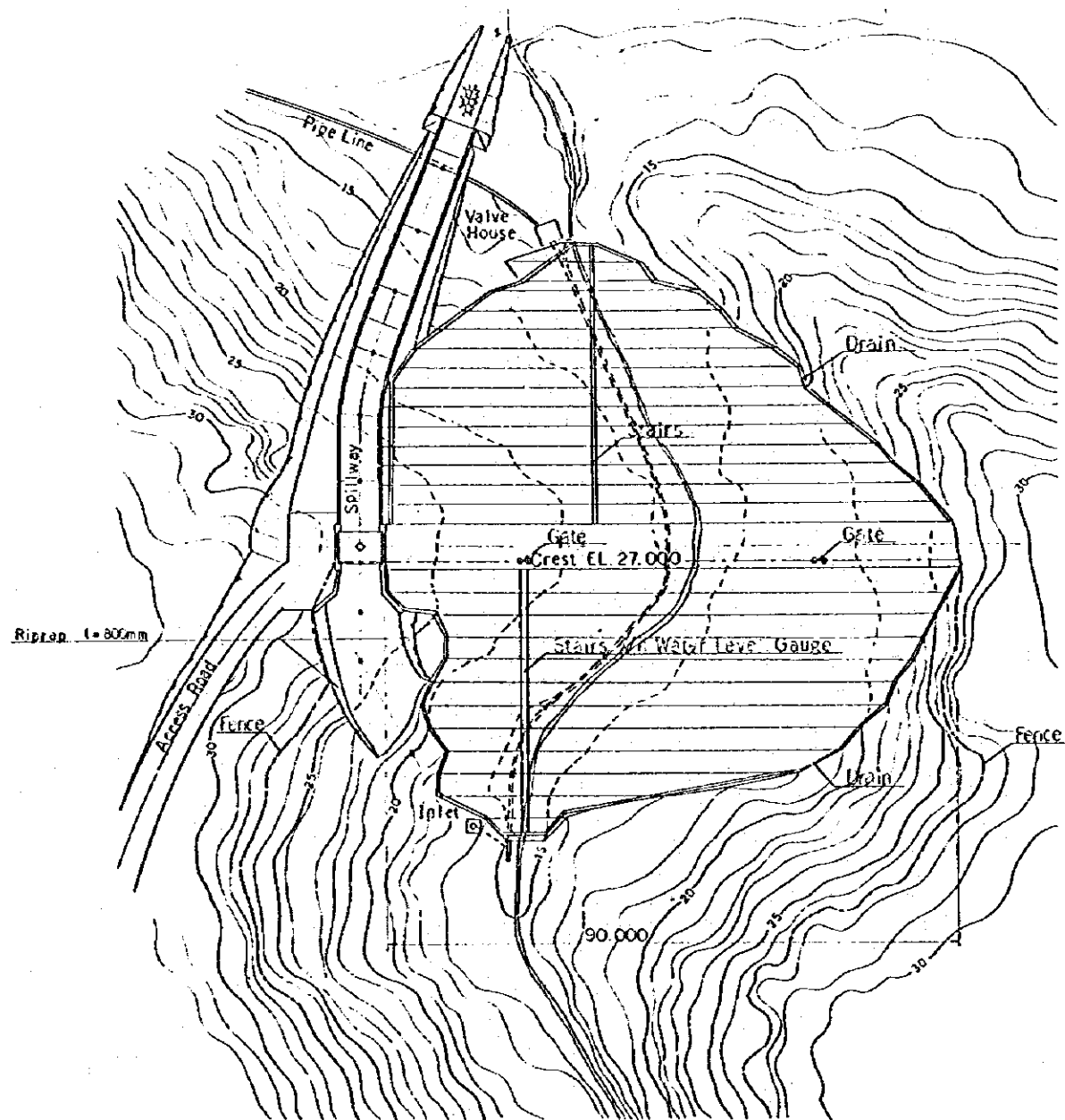
CP 7
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 Y = 8338 364 048
 Z = 808 708

SH TOP 16
 X = 832 888 728
 Y = 8308 538 808
 Z = 888 328

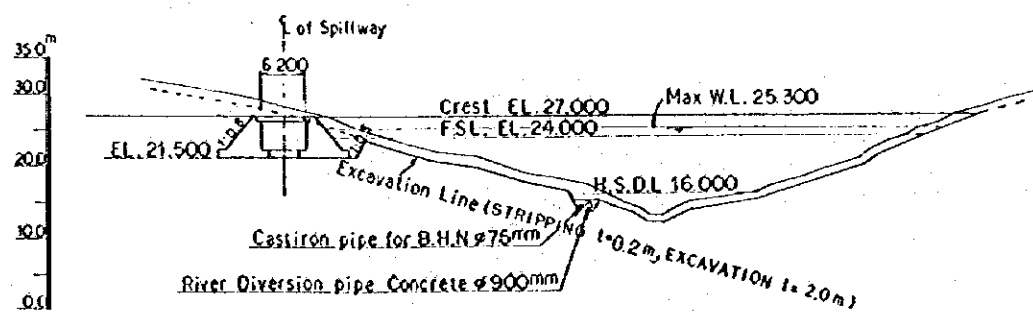
SH TOP 20
 X = 824 181 178
 Y = 8338 428 488
 Z = 888 328

- LEGEND:
- CONTOUR
 - RIVER
 - ROAD
 - CANAL
 - PIPE
 - STRUCTURE
 - POINT
 - BOUNDARY
 - SETTLEMENT
 - FIELD
 - ROAD
 - ROAD
 - ROAD
 - ROAD
 - ROAD
 - ROAD

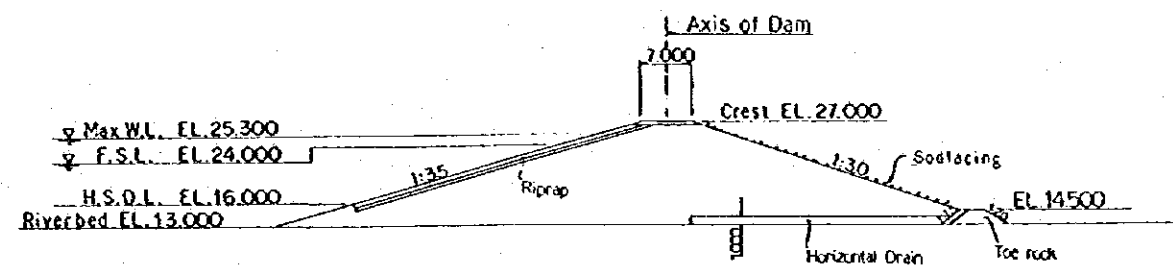
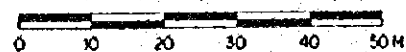
THE REPUBLIC OF INDONESIA			
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGOARA			
TITLE OF DRAWING GENERAL LAYOUT BENKOKO SCHEME			
Date	Drawing No.	0005	
JAPAN INTERNATIONAL COOPERATION AGENCY			



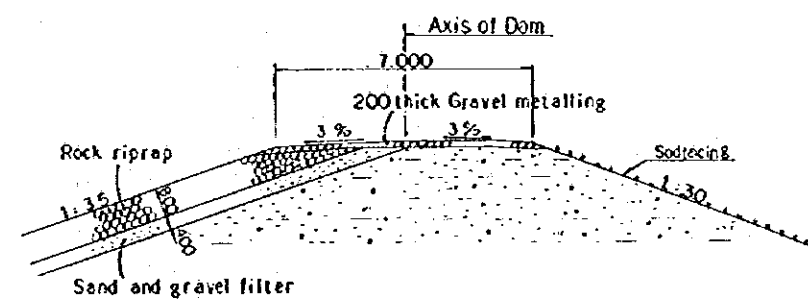
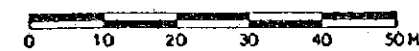
PLAN OF BIMOKU DAM



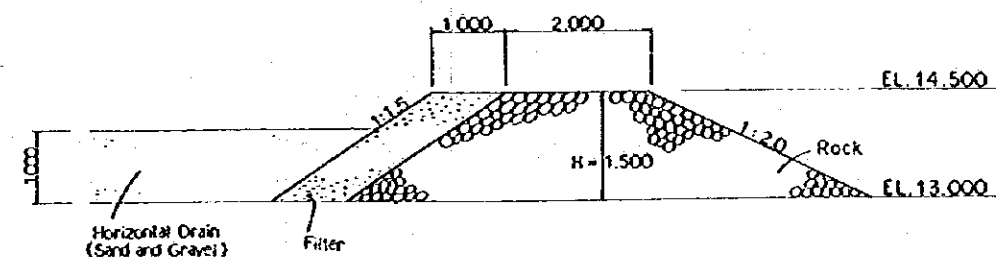
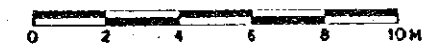
PROFILE OF DAM AXIS



TYPICAL CROSS SECTION



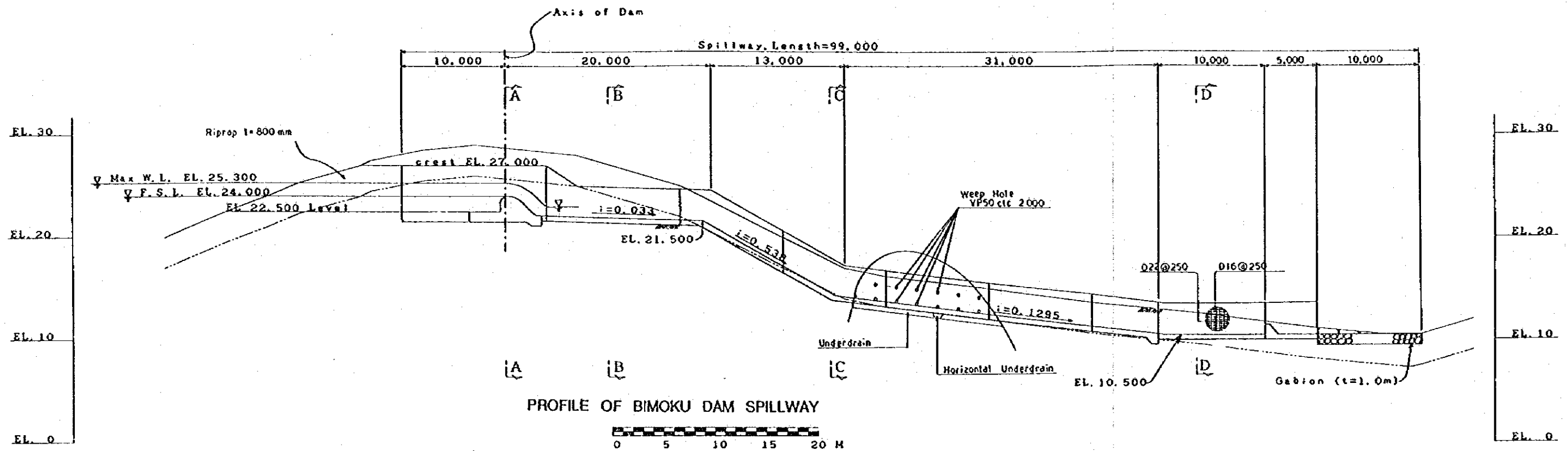
TYPICAL SECTION OF EMBANKMENT CREST



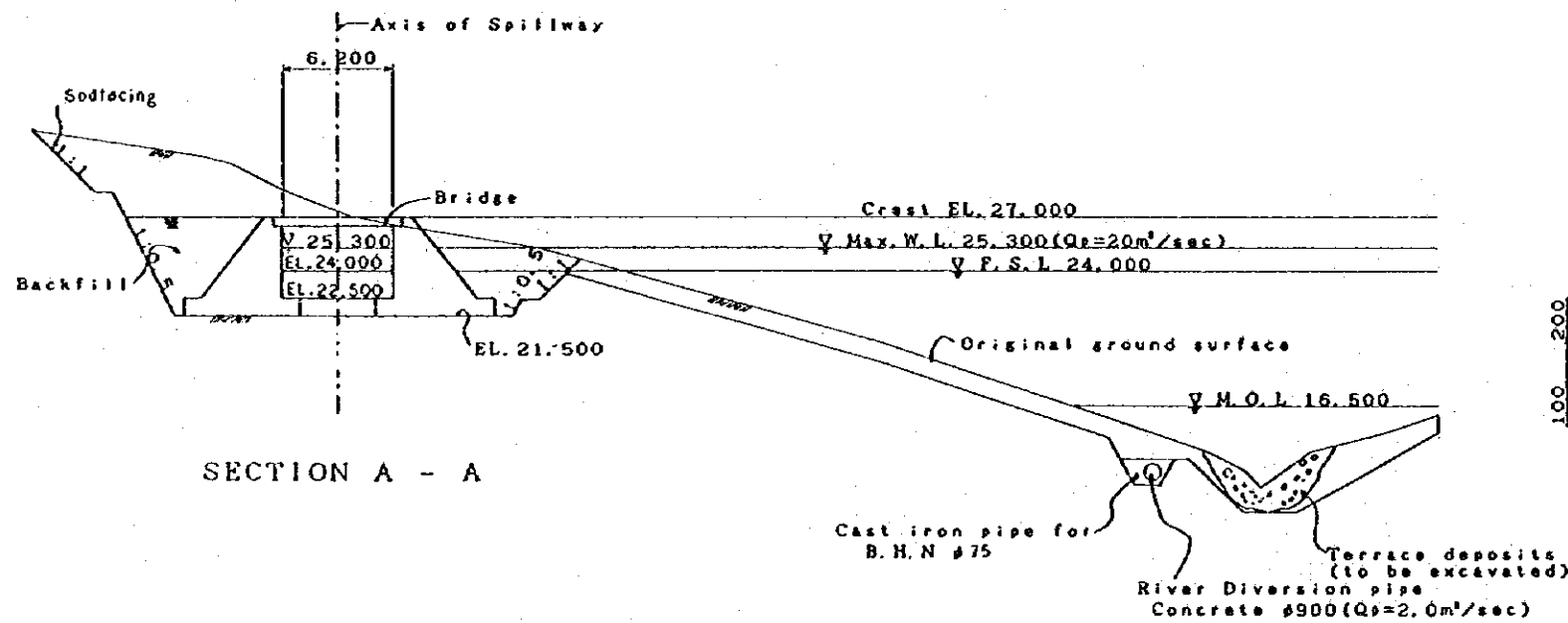
TYPICAL SECTION OF DRAIN AND TOEROCK



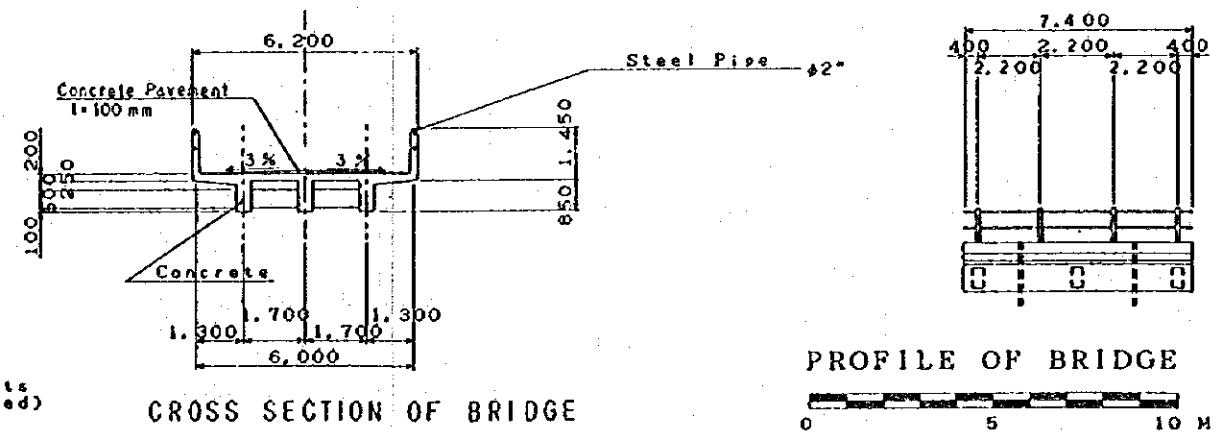
THE REPUBLIC OF INDONESIA		
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGOARA		
TITLE OF DRAWING BIMOKU SCHEME PLAN AND SECTION OF RESERVOIR		
Date	Drawing No.	1001
JAPAN INTERNATIONAL COOPERATION AGENCY		



PROFILE OF BIMOKU DAM SPILLWAY

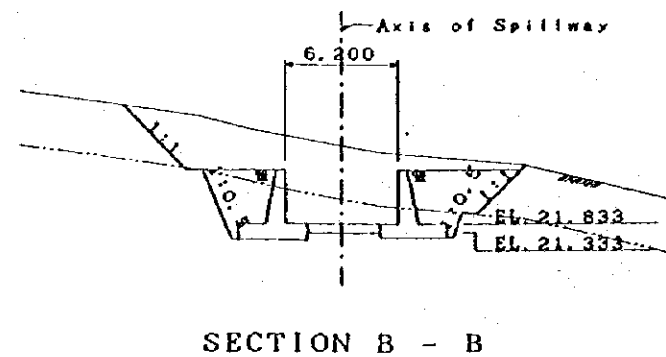


SECTION A - A

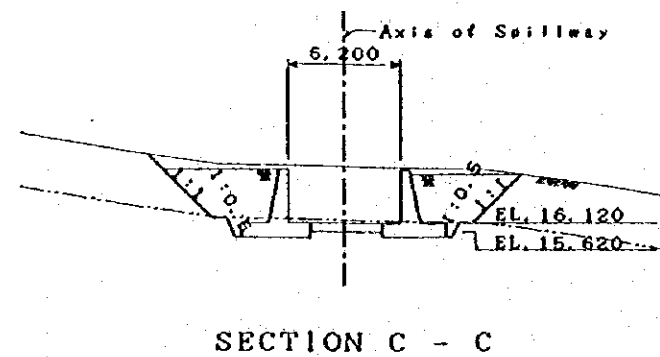


CROSS SECTION OF BRIDGE

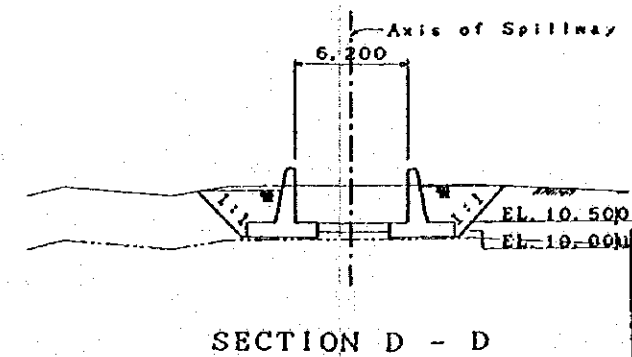
PROFILE OF BRIDGE



SECTION B - B

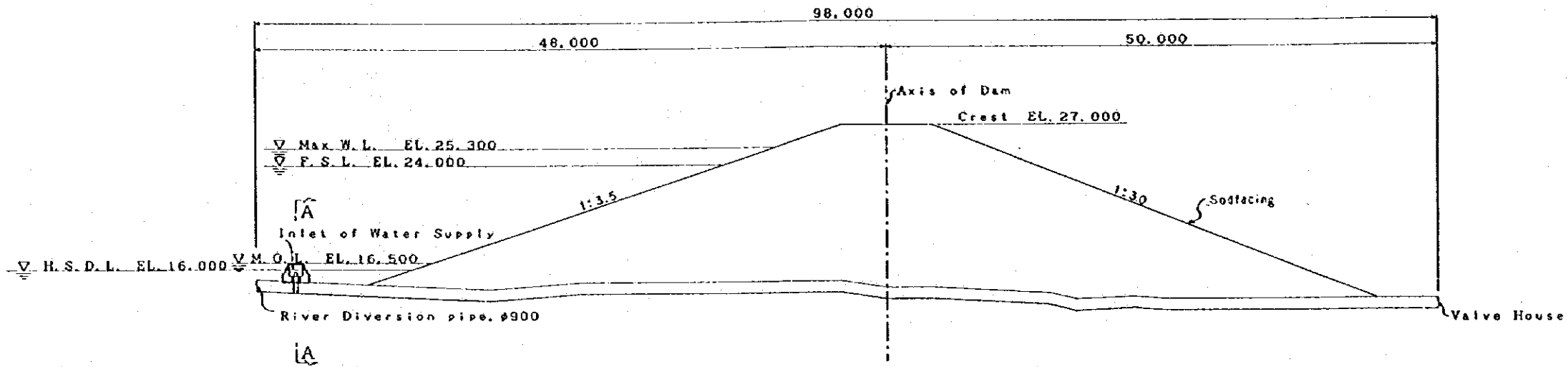


SECTION C - C

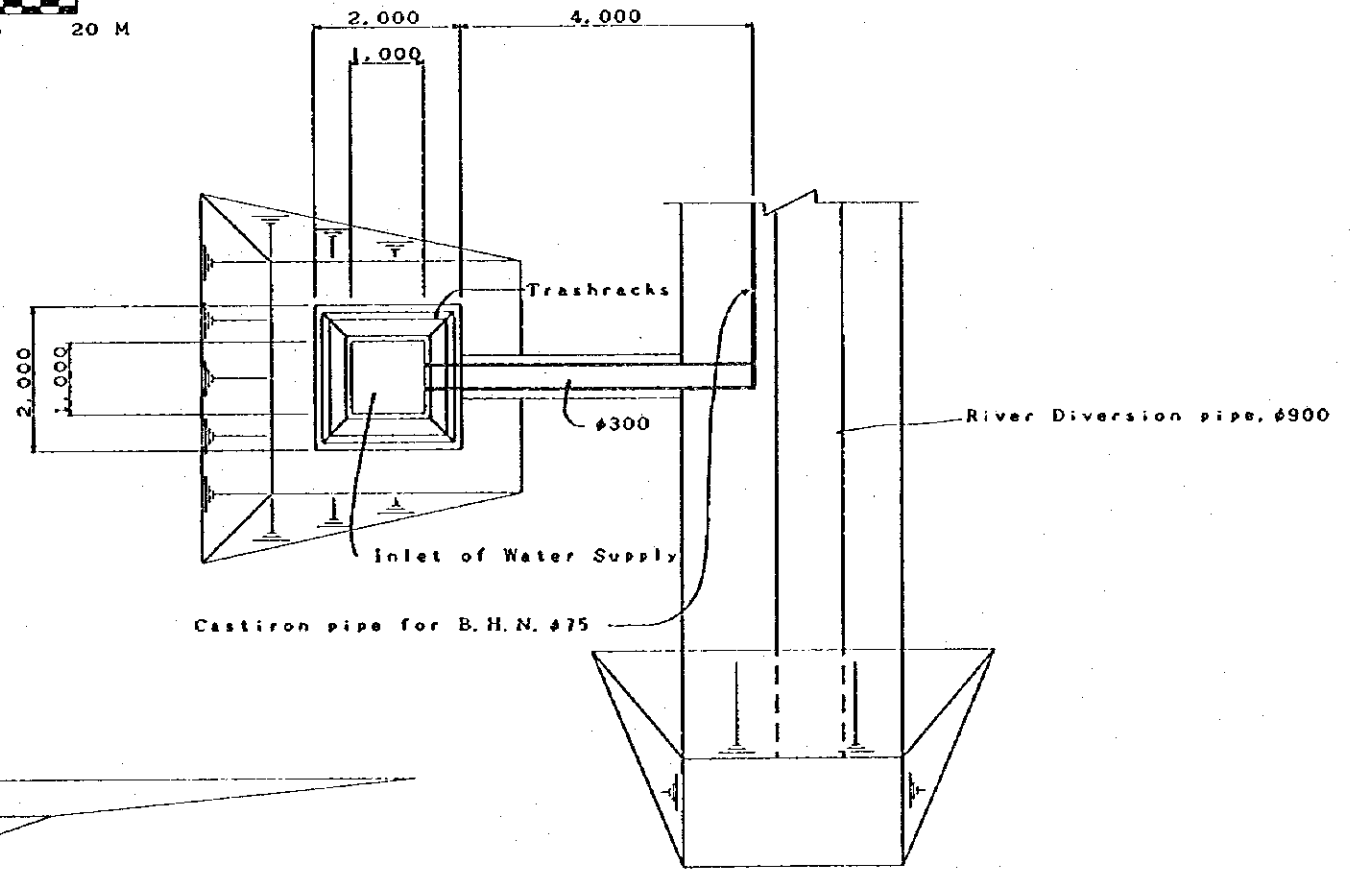
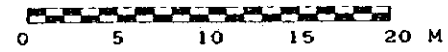


SECTION D - D

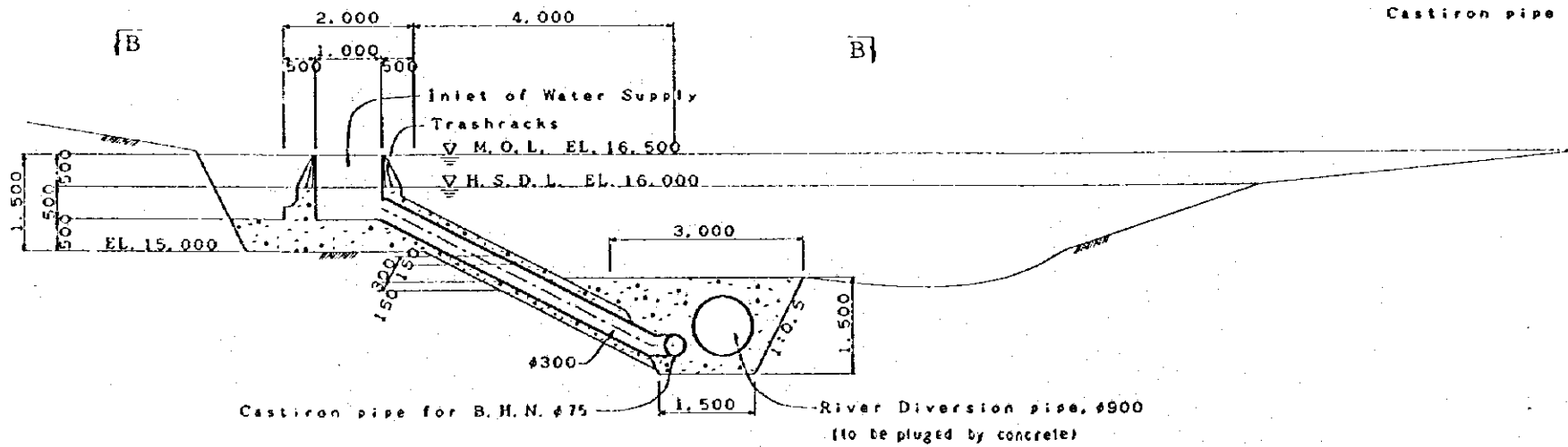
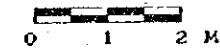
THE REPUBLIC OF INDONESIA		
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING BIMOKU SCHEME PROFILE AND SECTION OF SPILLWAY		
Date	Drawing No.	1002
JAPAN INTERNATIONAL COOPERATION AGENCY		



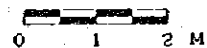
SECTION OF BIMOKU DAM OUTLET WORKS



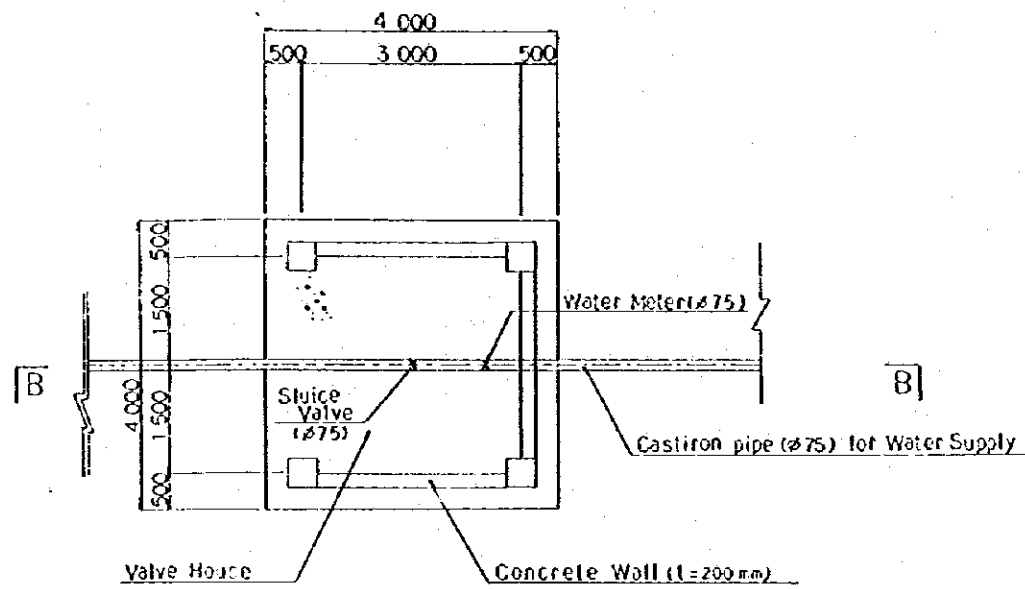
SECTION B - B



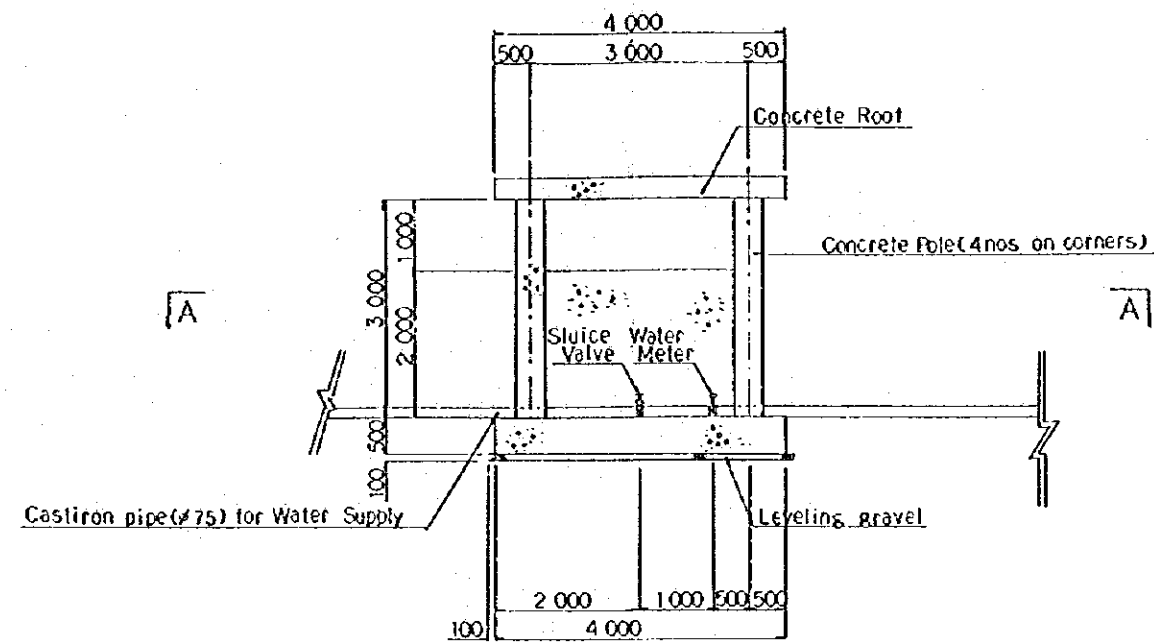
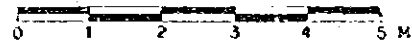
SECTION A - A



THE REPUBLIC OF INDONESIA		
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING BIMOKU SCHEME PLAN AND PROFILE OF INTAKE		
Date	Drawing No.	1003
JAPAN INTERNATIONAL COOPERATION AGENCY		



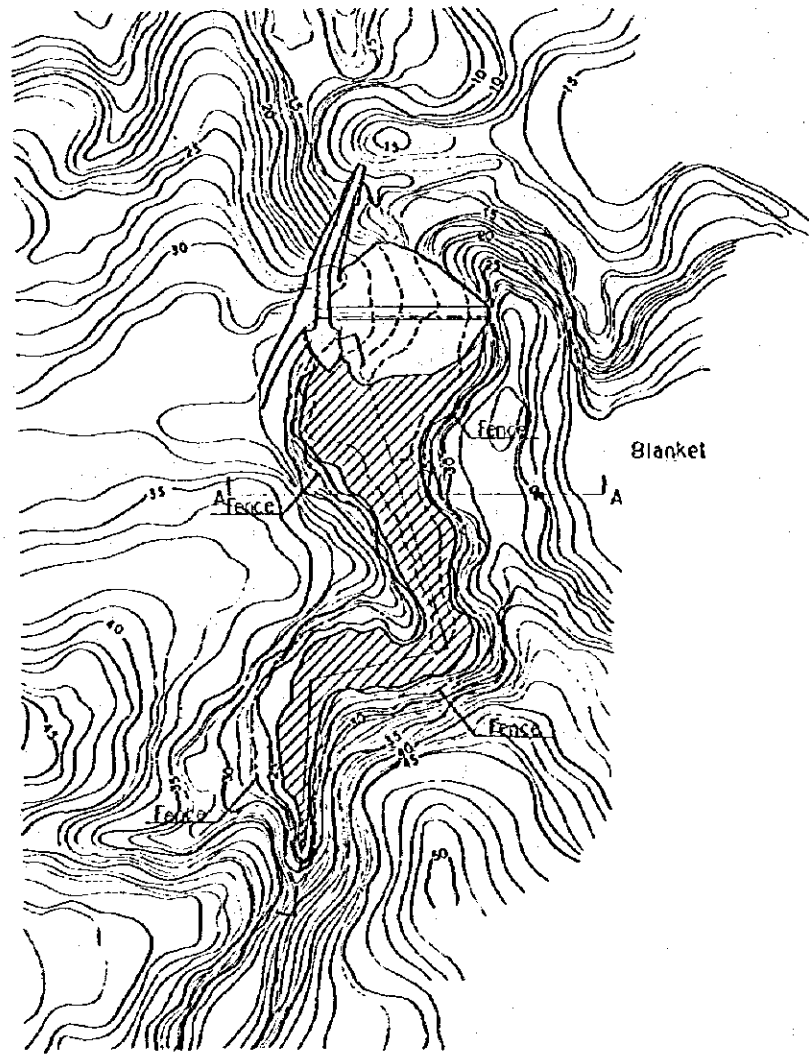
PROFILE OF BIMOKU DAM VALVE HOUSE



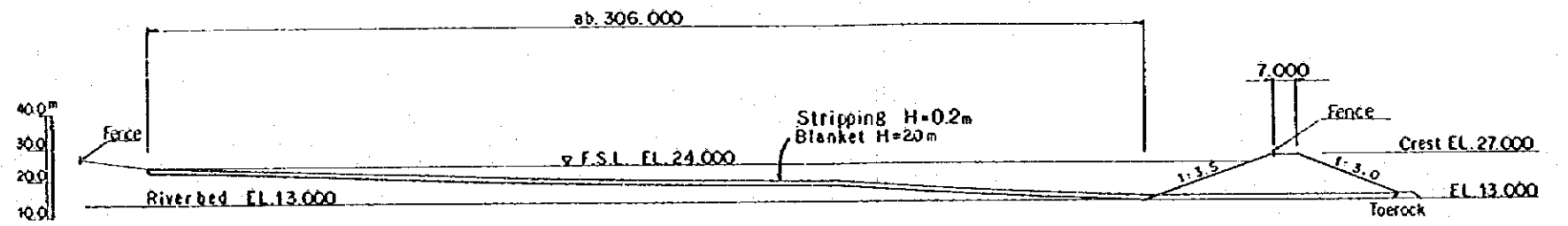
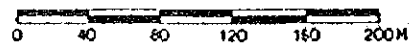
LONGITUDINAL SECTION OF VALVE HOUSE



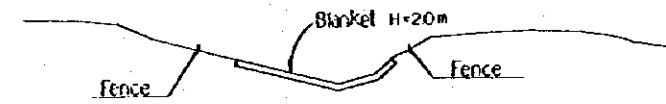
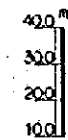
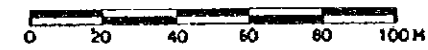
THE REPUBLIC OF INDONESIA			
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING		BIMOKU SCHEME	
PLAN AND PROFILE OF VALVE HOUSE			
Date	Drawing No.	1004	
JAPAN INTERNATIONAL COOPERATION AGENCY			



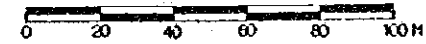
PLAN OF BIMOKU RESERVOIR AREA BLANKET AND FENCE



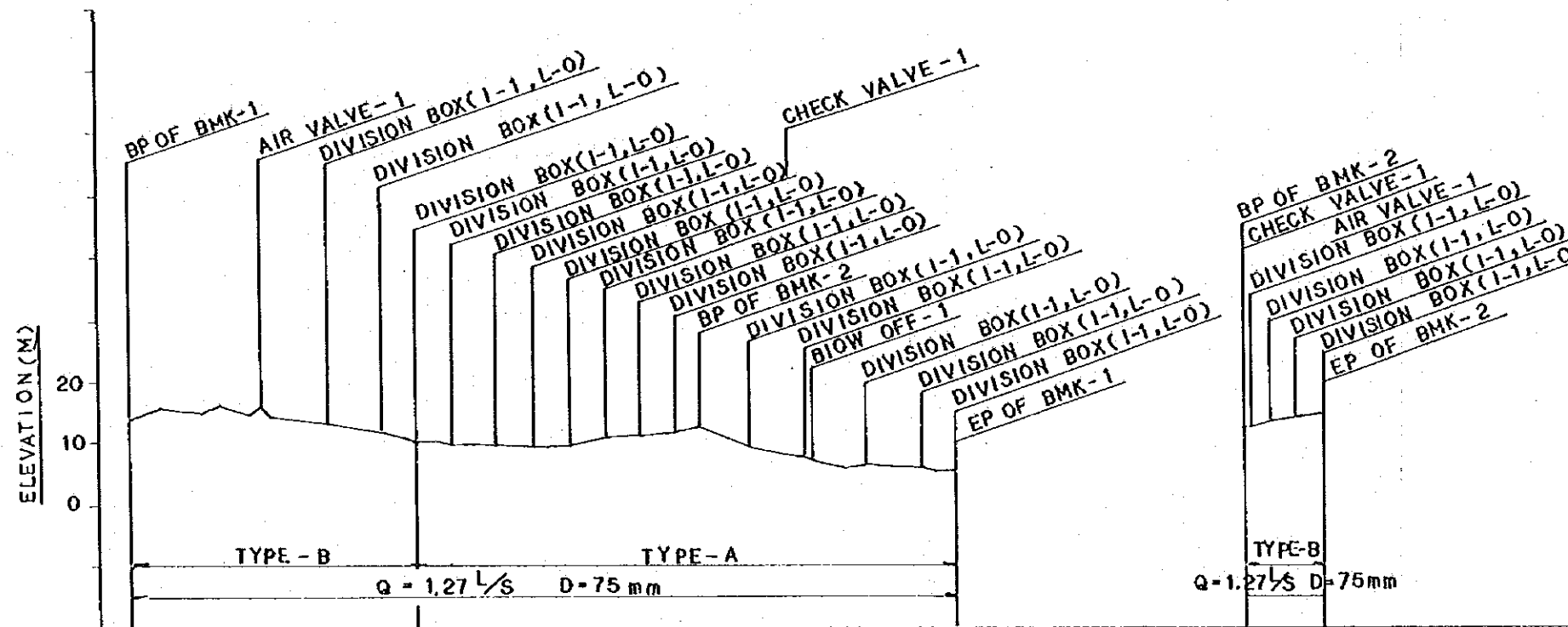
LONGITUDINAL SECTION OF BLANKET



A - A

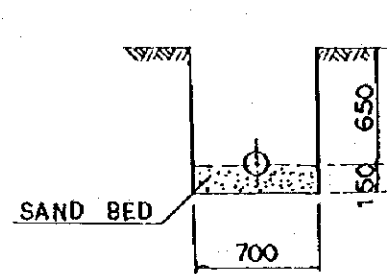


THE REPUBLIC OF INDONESIA			
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING			
BIMOKU SCHEME BLANKET AND FENCE OF RESERVOIR			
Date		Drawing No.	1005
JAPAN INTERNATIONAL COOPERATION AGENCY			

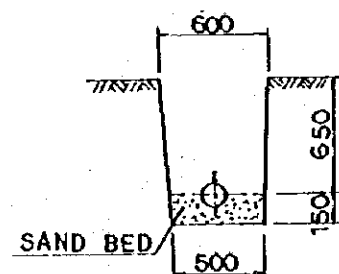


NOTE : DIVISION BOX (1-1, L-0)
 -DIVISION BOX FOR INHABITANTS-1NO
 DIVISION BOX FOR LIVESTOCK-0NO

GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION NO.
13.50	0	0	0
15.50	55.00	55.00	+55.00
15.00	100.00	100.00	NO.1
14.60	145.00	145.00	+45.00
14.60	200.00	200.00	NO.2
13.90	235.00	235.00	+35.00
13.90	300.00	300.00	NO.3
13.90	340.00	340.00	+40.00
13.20	400.00	400.00	NO.4
13.20	432.00	432.00	+32.00
10.80	457.00	457.00	+57.00
10.80	520.00	520.00	+20.00
9.50	580.00	580.00	NO.6
9.40	650.00	650.00	+50.00
9.50	710.00	710.00	NO.7
10.50	770.00	770.00	+70.00
10.30	800.00	800.00	NO.8
11.50	825.00	825.00	+25.00
12.30	880.00	880.00	NO.9
12.30	920.00	920.00	+20.00
9.00	1000.00	1000.00	NO.10
7.40	1080.00	1080.00	NO.11
6.30	1125.00	1125.00	+25.00
6.30	1190.00	1190.00	NO.12
6.30	1285.00	1285.00	+85.00
5.60	1330.00	1330.00	NO.13
5.60	1330.00	1330.00	+30.00
3.00	1500.00	1500.00	NO.14
3.40	1500.00	1500.00	+15.00
4.30	1500.00	1500.00	NO.15
4.30	1500.00	1500.00	+15.00
1.40	1500.00	1500.00	NO.16
1.40	1500.00	1500.00	+15.00



TYPE - A

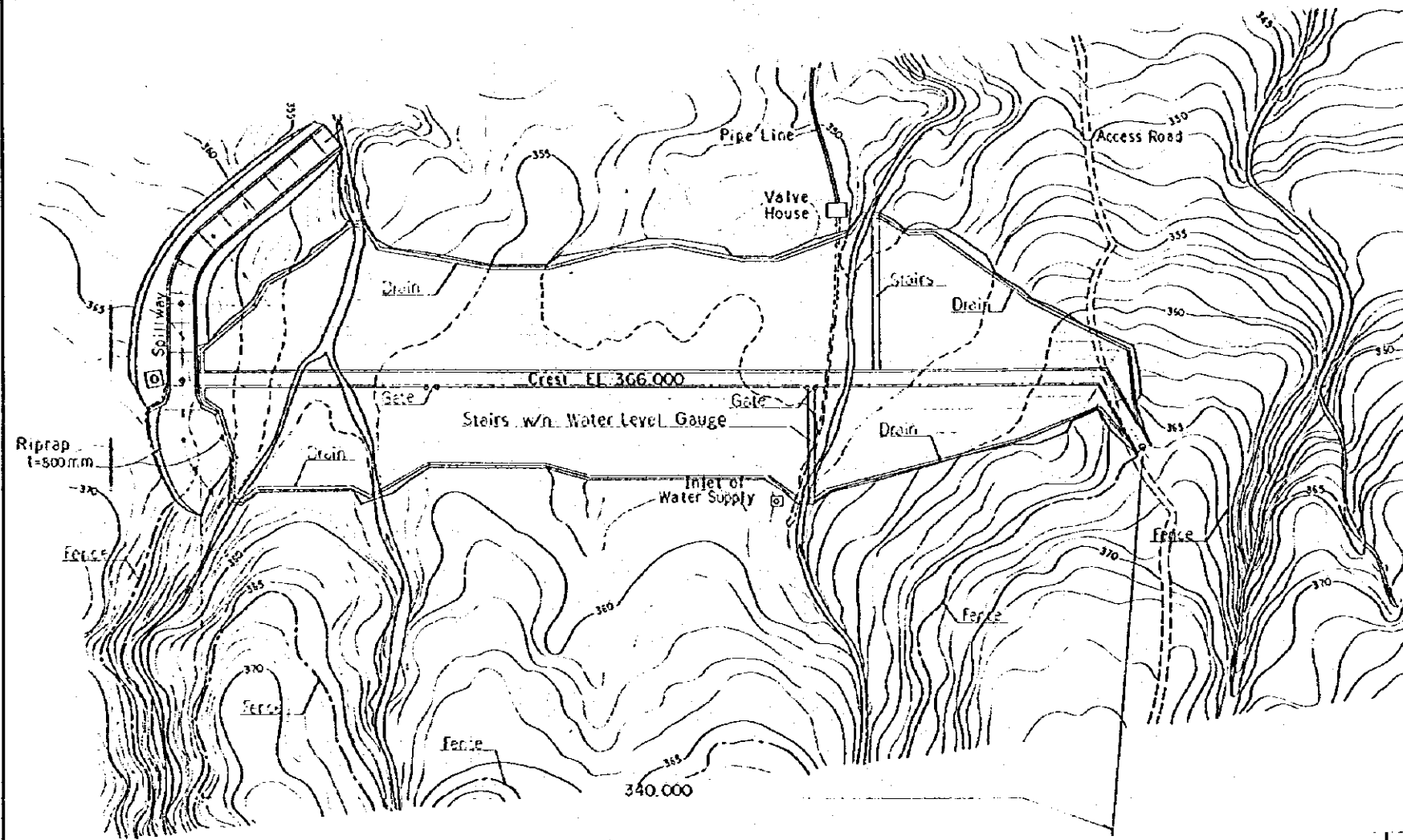


TYPE - B

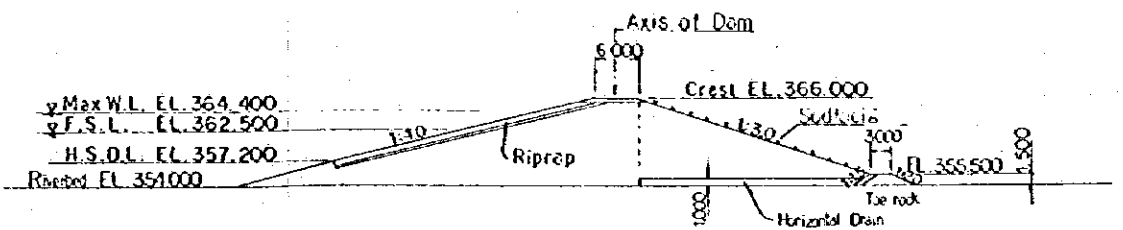
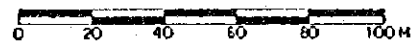
BMK - 1

BMK-2

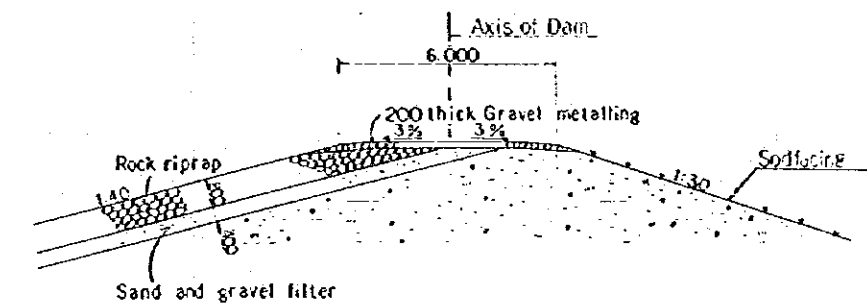
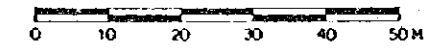
THE REPUBLIC OF INDONESIA		
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGOARA		
TITLE OF DRAWING BIMOKU SCHEME PROFILE OF PIPELINE		
Date	Drawing No.	1006
JAPAN INTERNATIONAL COOPERATION AGENCY		



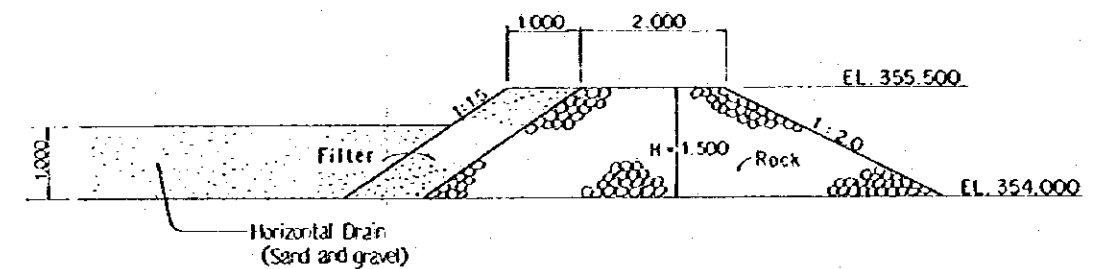
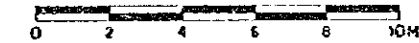
PLAN OF OELTUA DAM



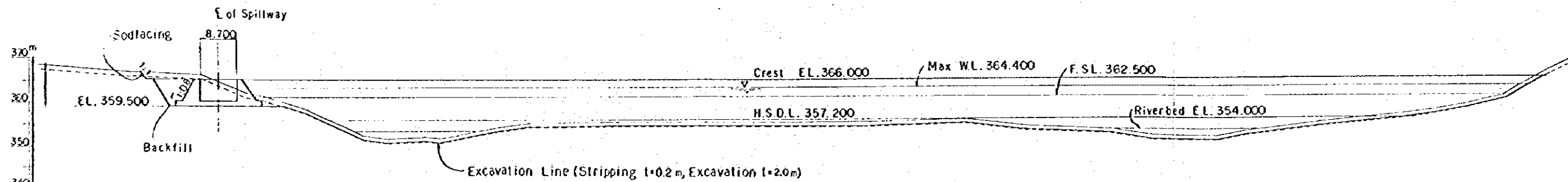
TYPICAL CROSS SECTION



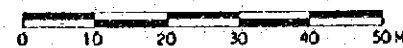
TYPICAL SECTION OF EMBANKMENT CREST



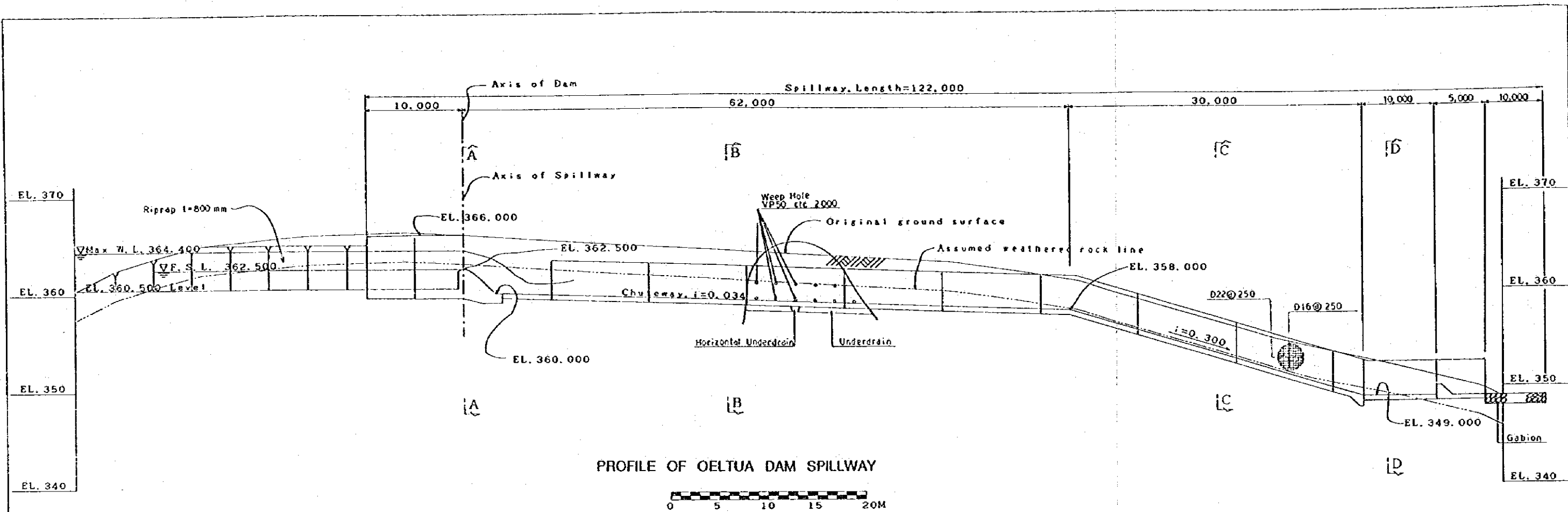
TYPICAL SECTION OF DRAIN AND TOE ROCK



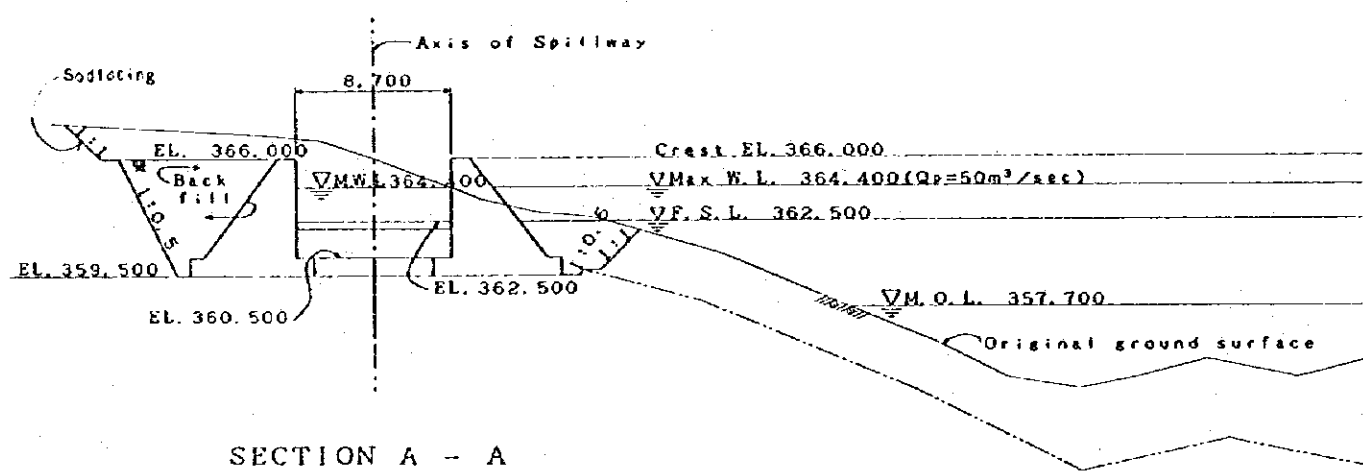
PROFILE OF DAM AXIS



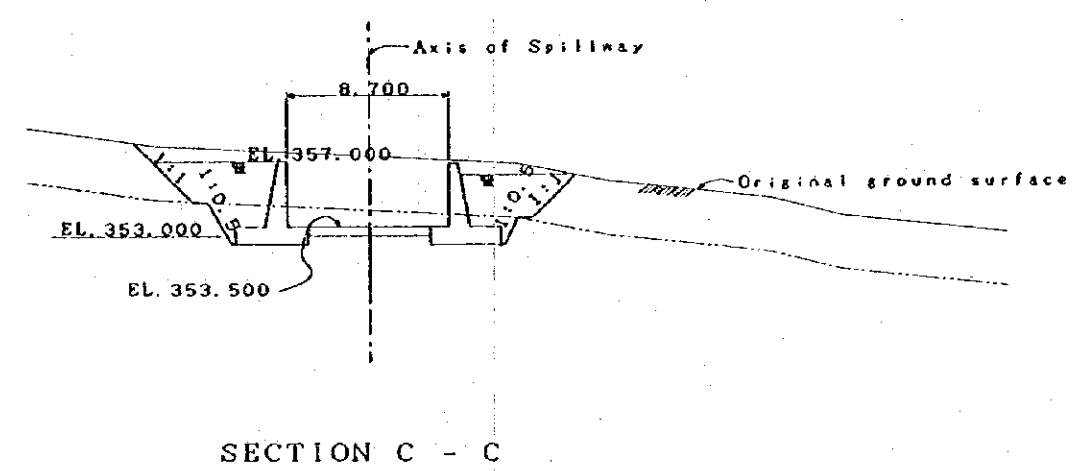
THE REPUBLIC OF INDONESIA	
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING OELTUA SCHEME PLAN AND SECTION OF RESERVOIR	
Date	Drawing No. 2001
JAPAN INTERNATIONAL COOPERATION AGENCY	



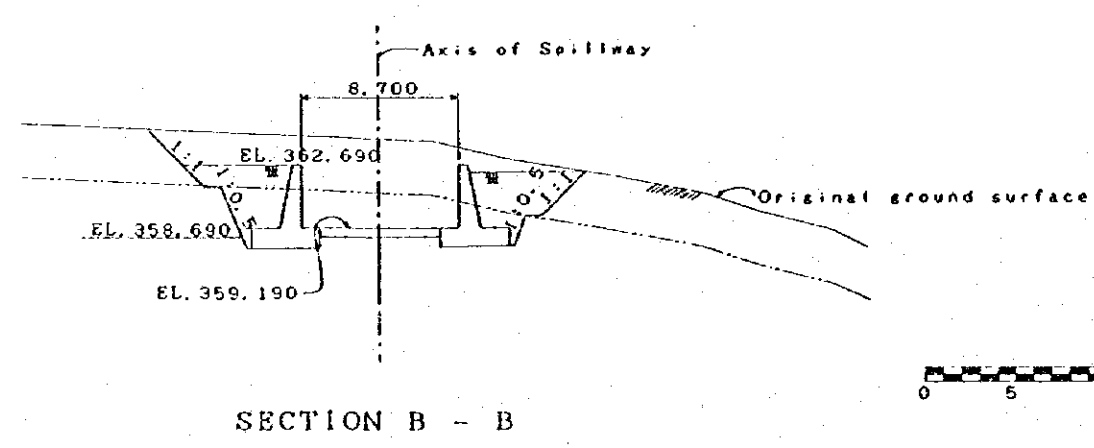
PROFILE OF OELTUA DAM SPILLWAY



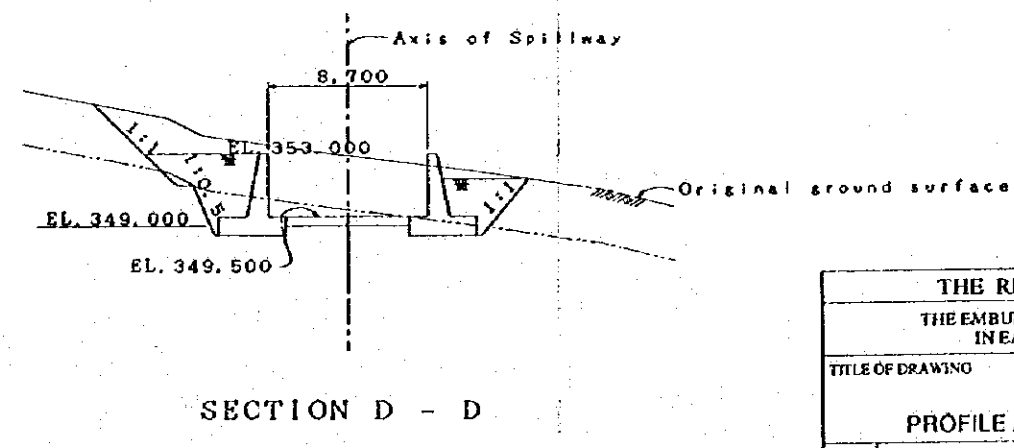
SECTION A - A



SECTION C - C

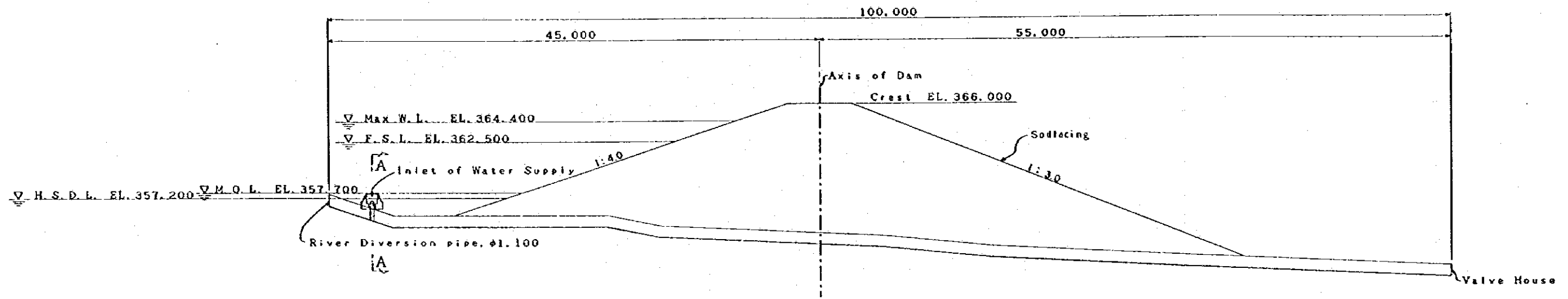


SECTION B - B

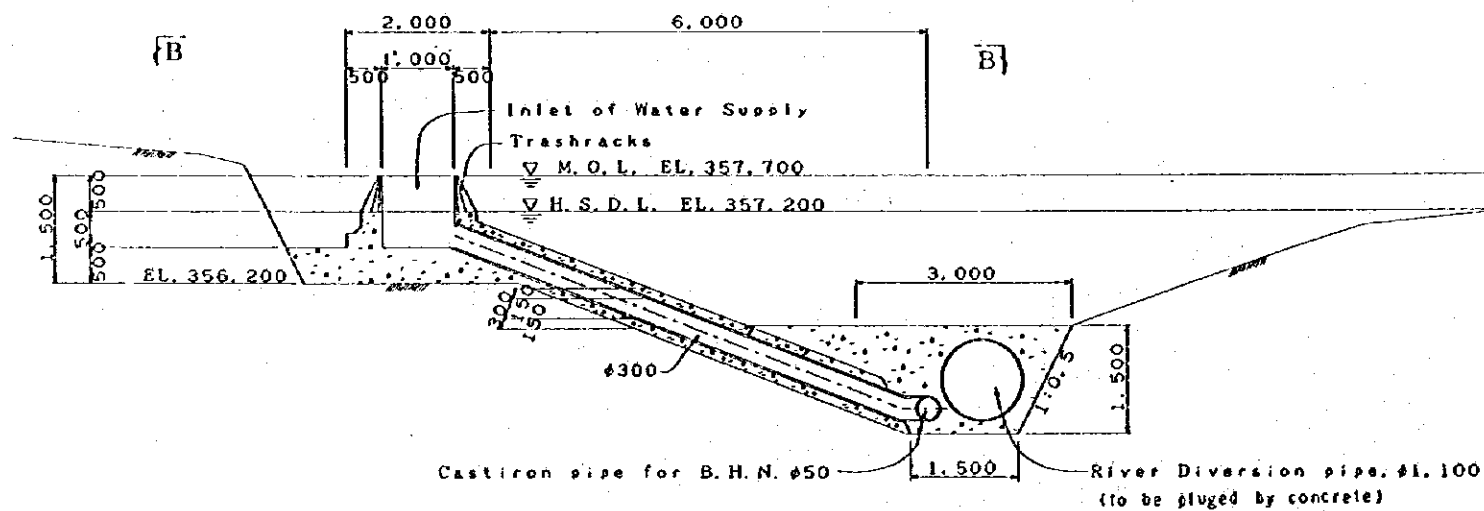
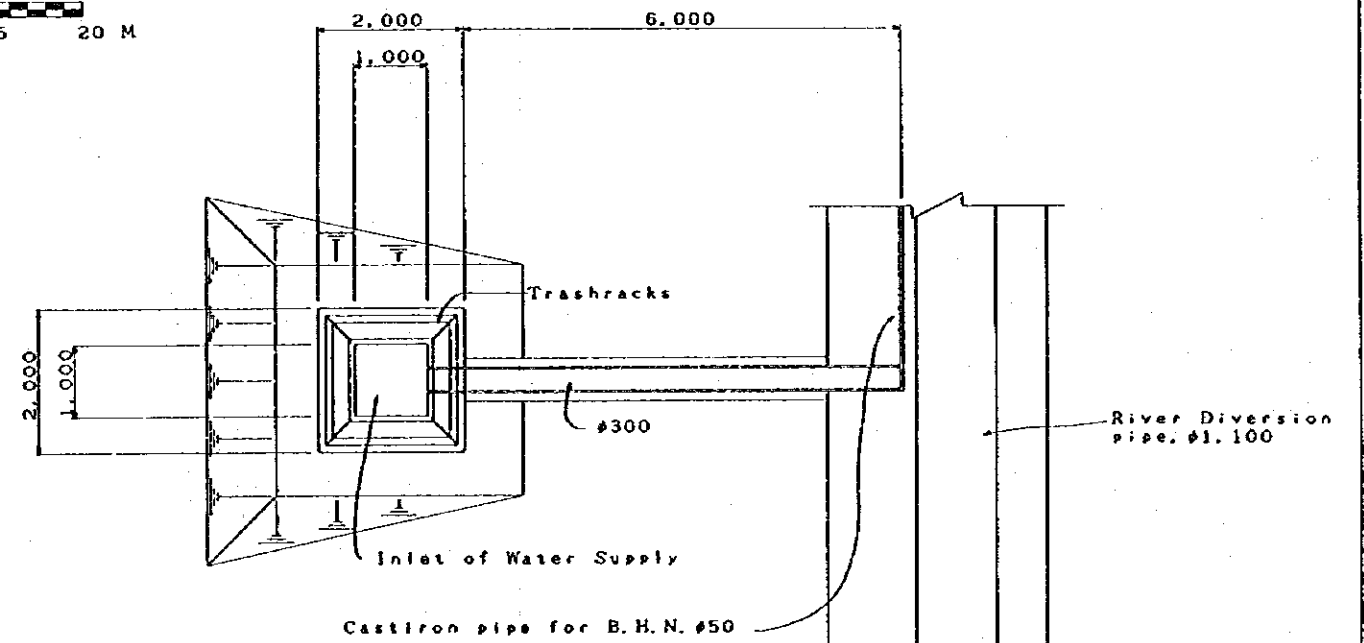
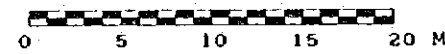


SECTION D - D

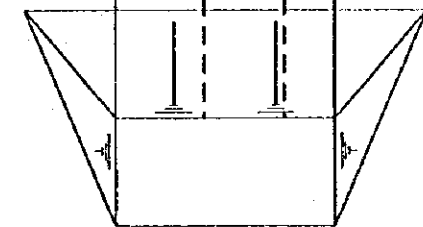
THE REPUBLIC OF INDONESIA			
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING OELTUA SCHEME PROFILE AND SECTION OF SPILLWAY			
Date		Drawing No.	2002
JAPAN INTERNATIONAL COOPERATION AGENCY			



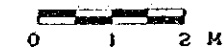
SECTION OF OELTUA DAM OUTLET WORKS



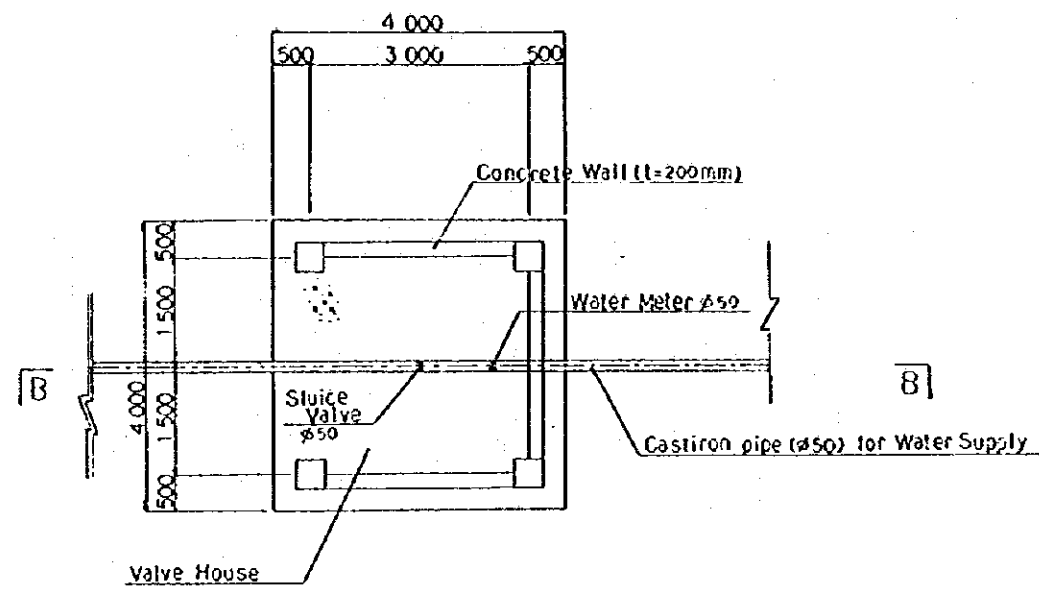
SECTION A - A



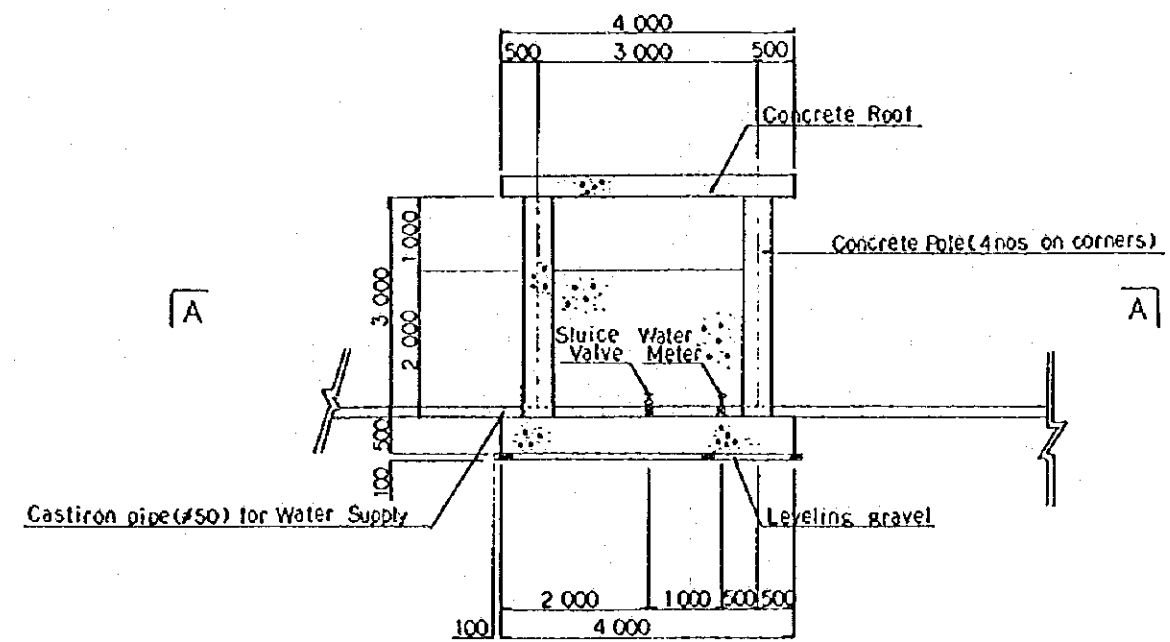
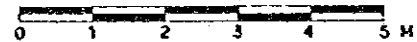
SECTION B - B



THE REPUBLIC OF INDONESIA		
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING		
OELTUA SCHEME		
PLAN AND PROFILE OF INTAKE		
Date	Drawing No.	2003
JAPAN INTERNATIONAL COOPERATION AGENCY		



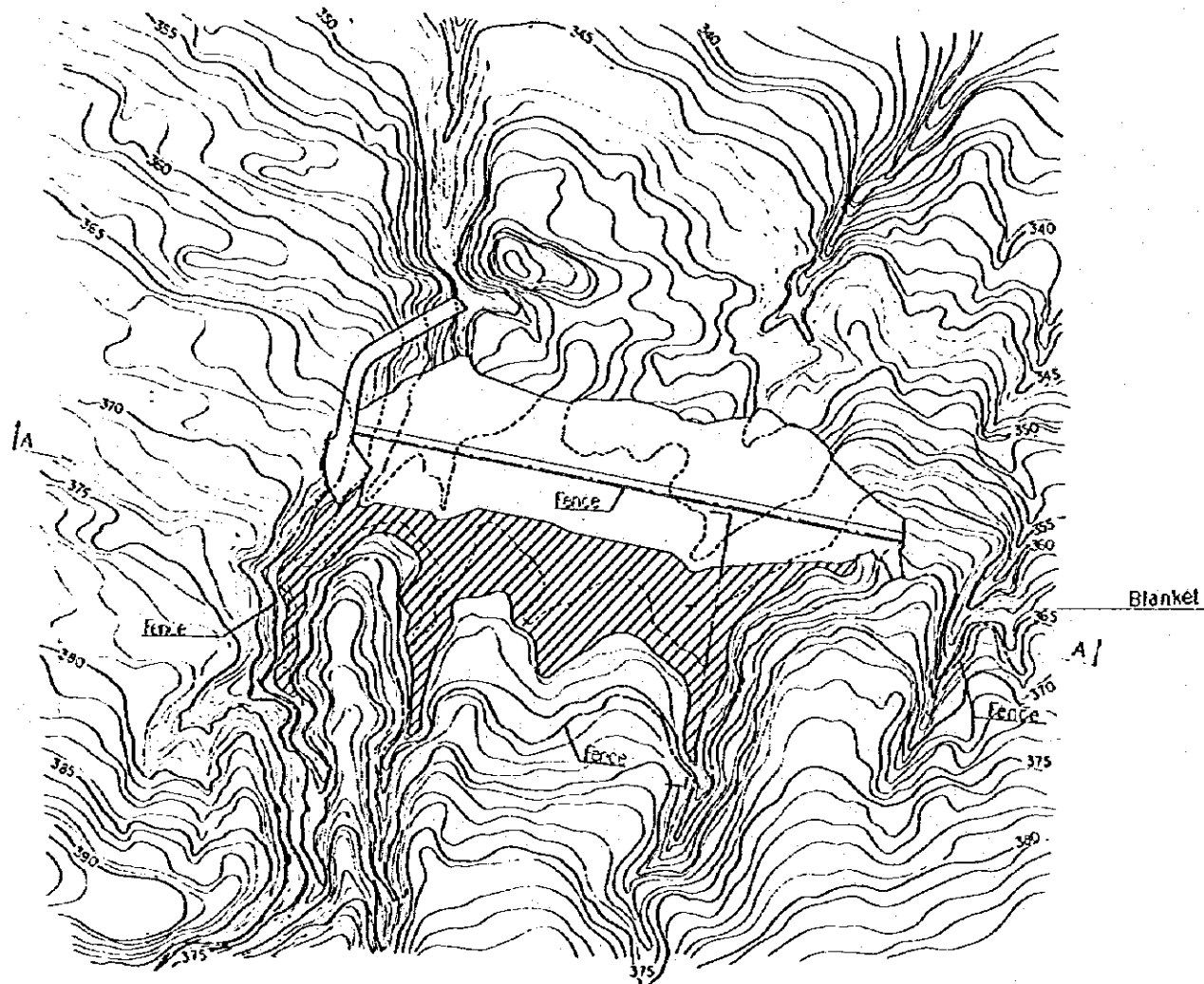
PROFILE OF OELTUA DAM VALVE HOUSE



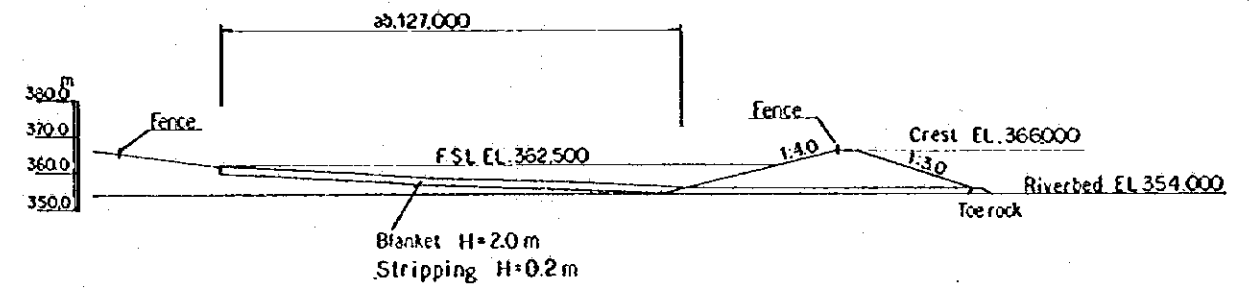
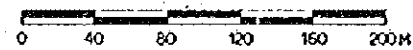
LONGITUDINAL SECTION OF VALVE HOUSE



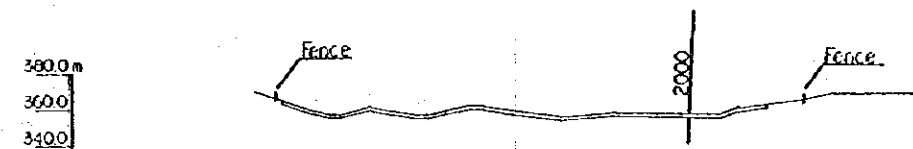
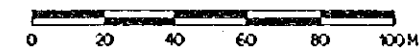
THE REPUBLIC OF INDONESIA			
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING OELTUA SCHEME			
PLAN AND PROFILE OF VALVE HOUSE			
Date	Drawing No.	2004	
JAPAN INTERNATIONAL COOPERATION AGENCY			



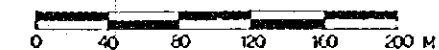
PLAN OF OELTUA RESERVOIR AREA BLANKET AND FENCE



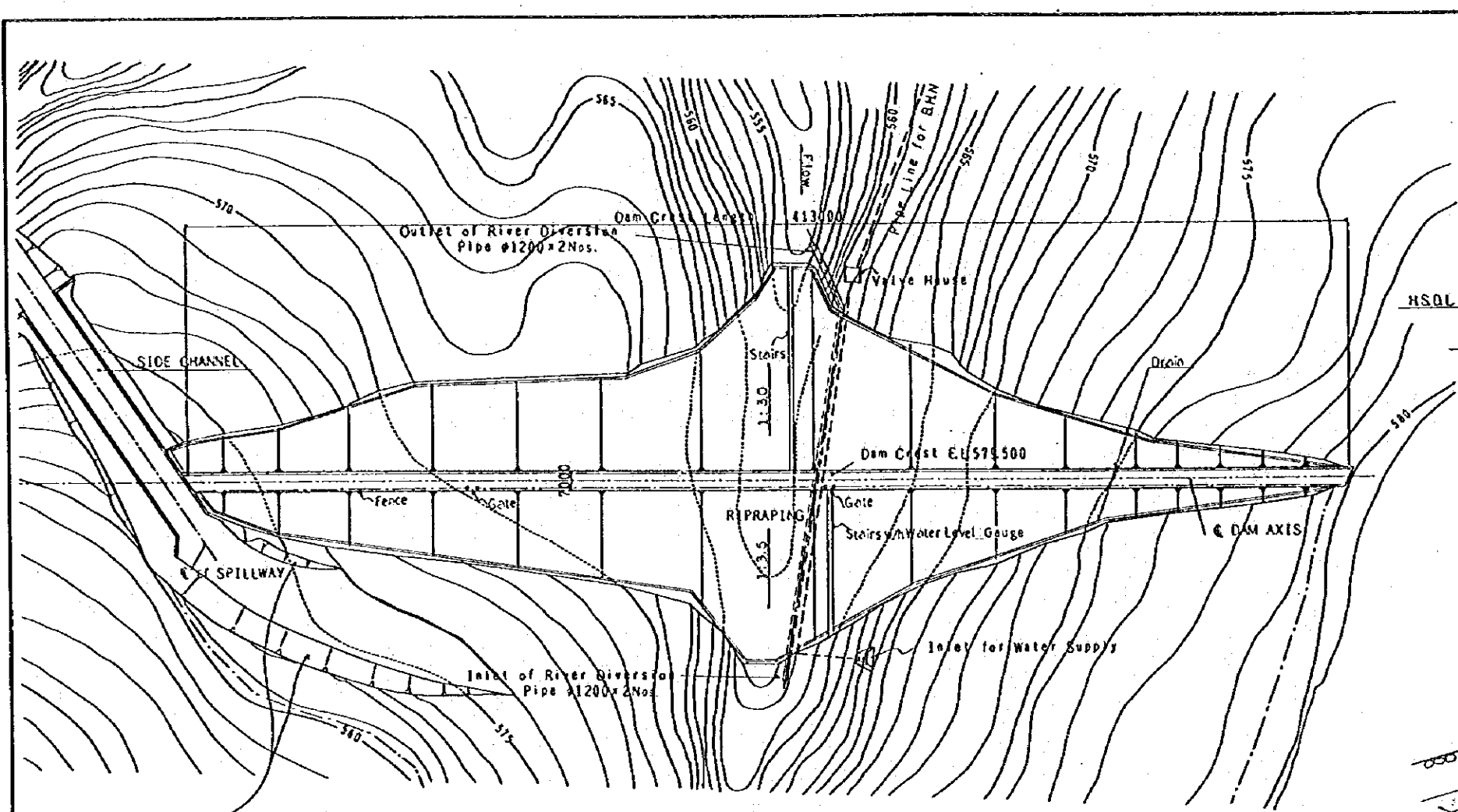
LONGITUDINAL SECTION OF BLANKET AND FENCE



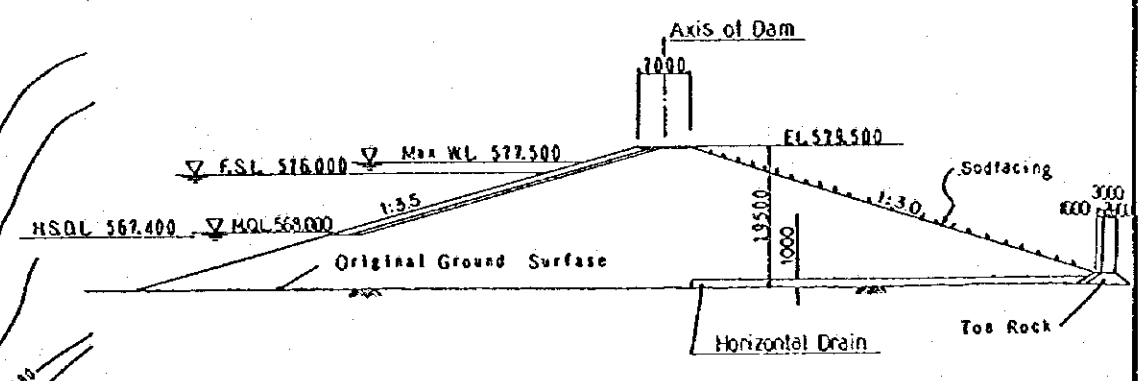
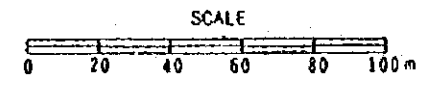
A - A



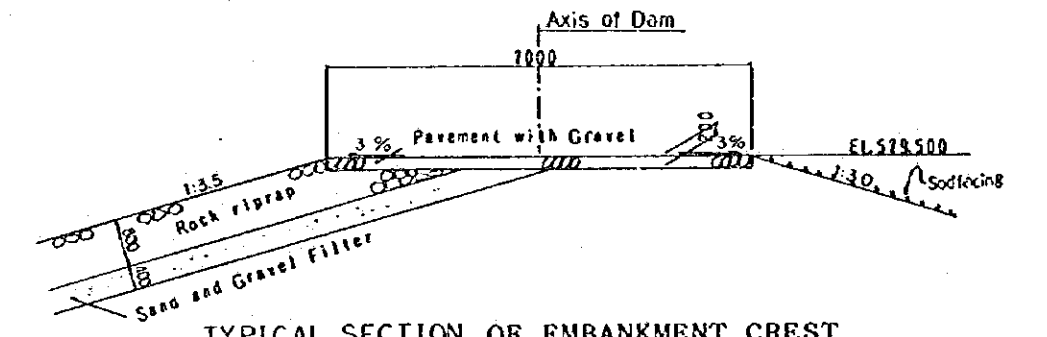
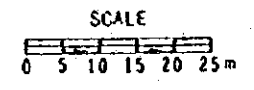
THE REPUBLIC OF INDONESIA			
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENOGARA			
TITLE OF DRAWING			
OELTUA SCHEME BLANKET AND FENCE OF RESERVOIR			
Date	Drawing No.	2006	
JAPAN INTERNATIONAL COOPERATION AGENCY			



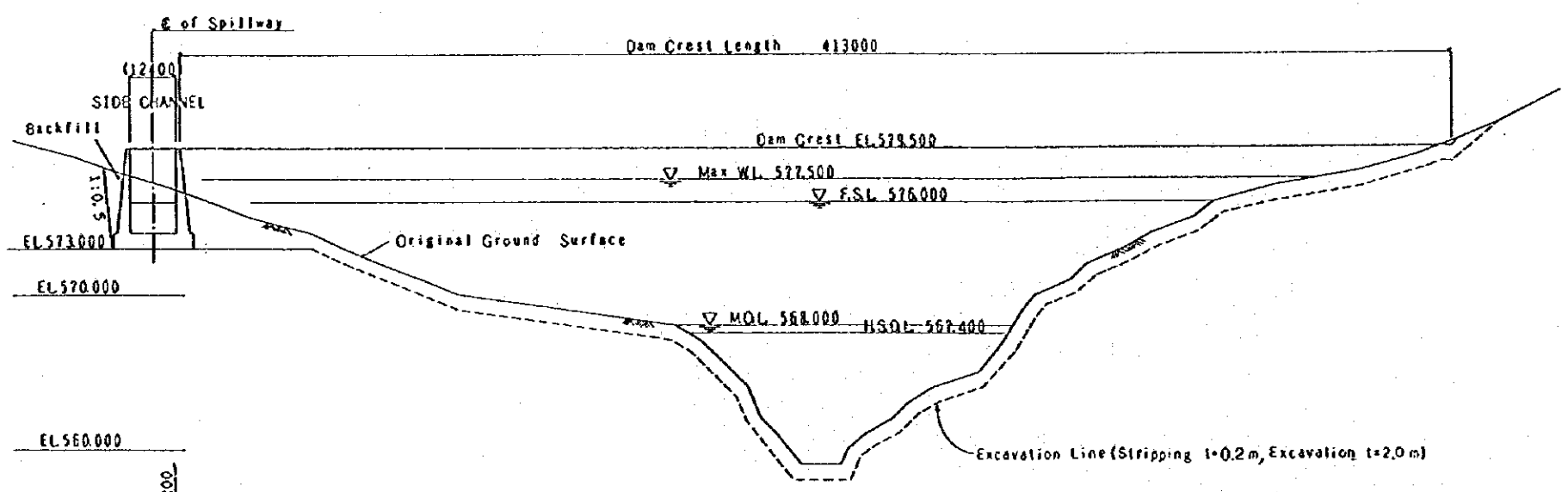
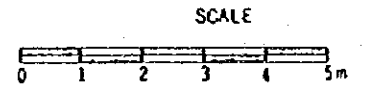
PLAN OF BENKOKO DAM



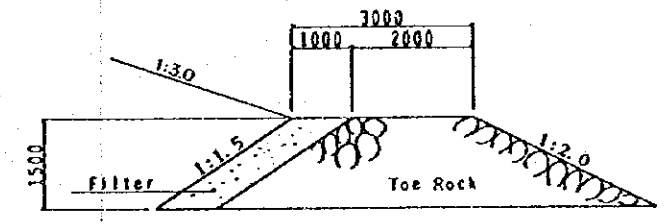
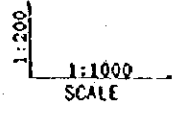
TYPICAL SECTION OF DAM EMBANKMENT



TYPICAL SECTION OF EMBANKMENT CREST



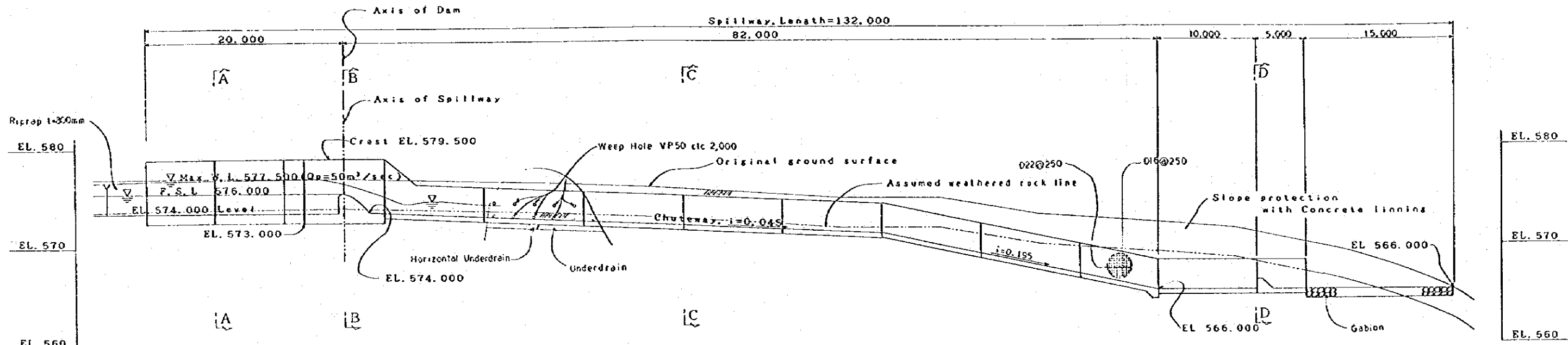
LONGITUDINAL SECTION OF DAM AXIS



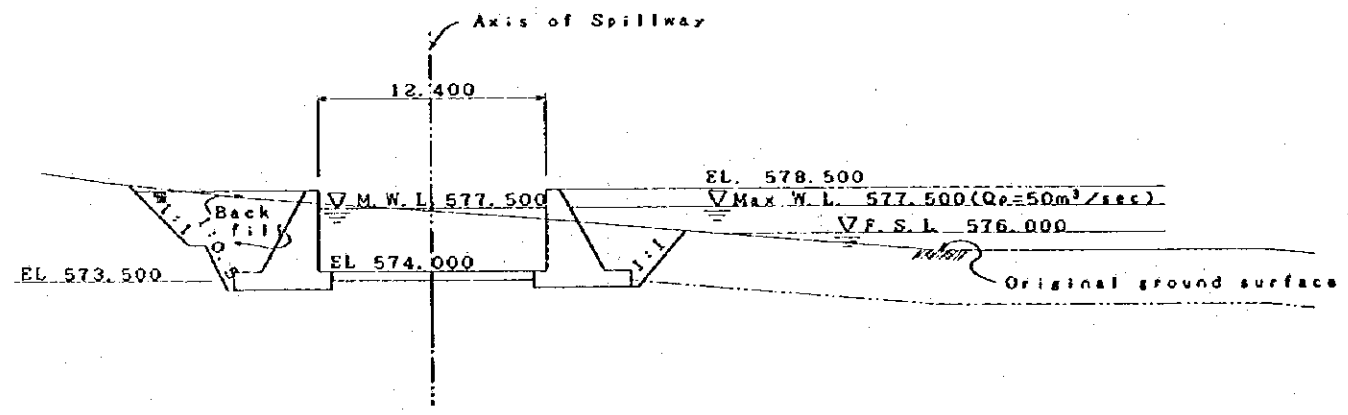
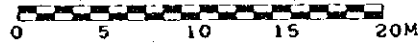
TYPICAL SECTION OF TOE ROCK



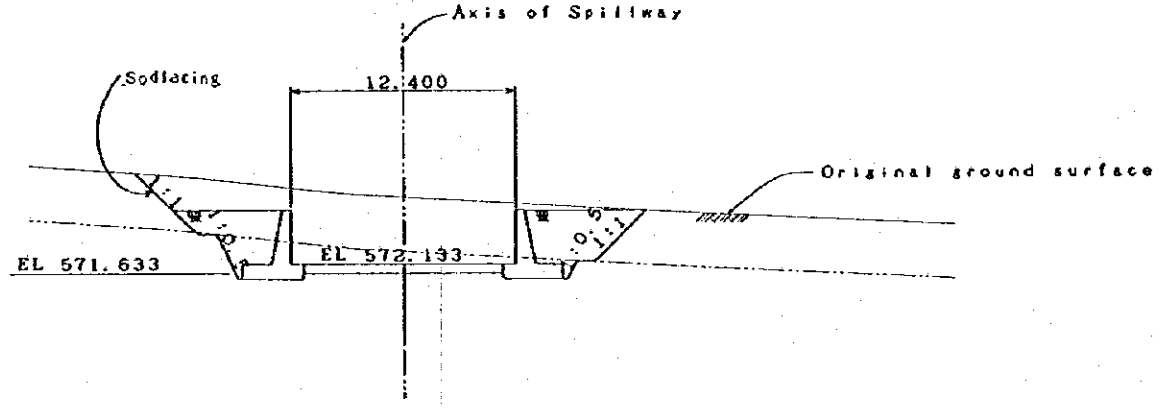
THE REPUBLIC OF INDONESIA		
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING		
BENKOKO SCHEME PLAN AND SECTION OF RESERVOIR		
Date	Drawing No.	3001
JAPAN INTERNATIONAL COOPERATION AGENCY		



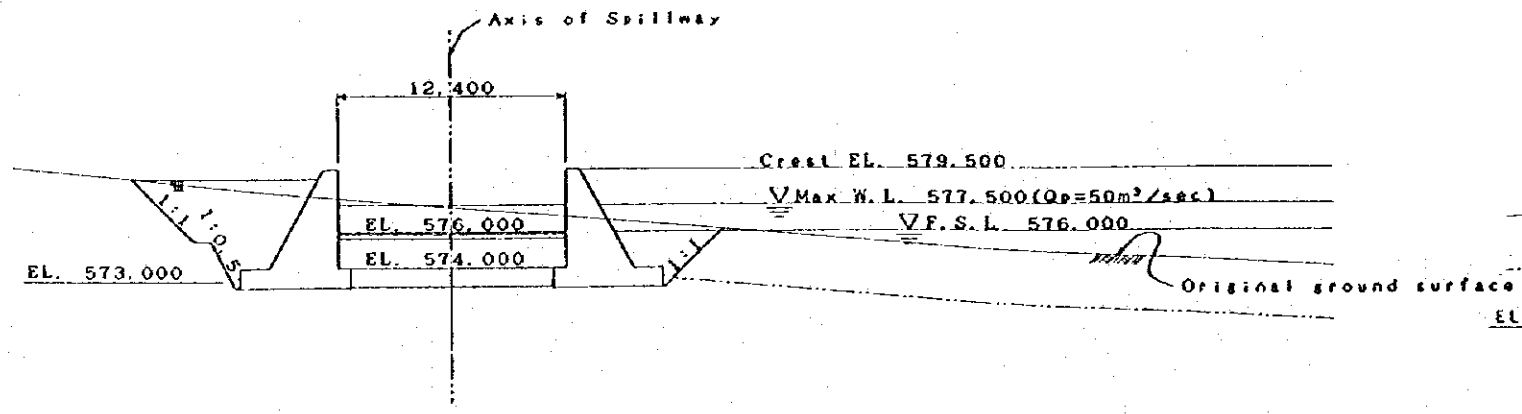
PROFILE OF BENKOKO DAM SPILLWAY



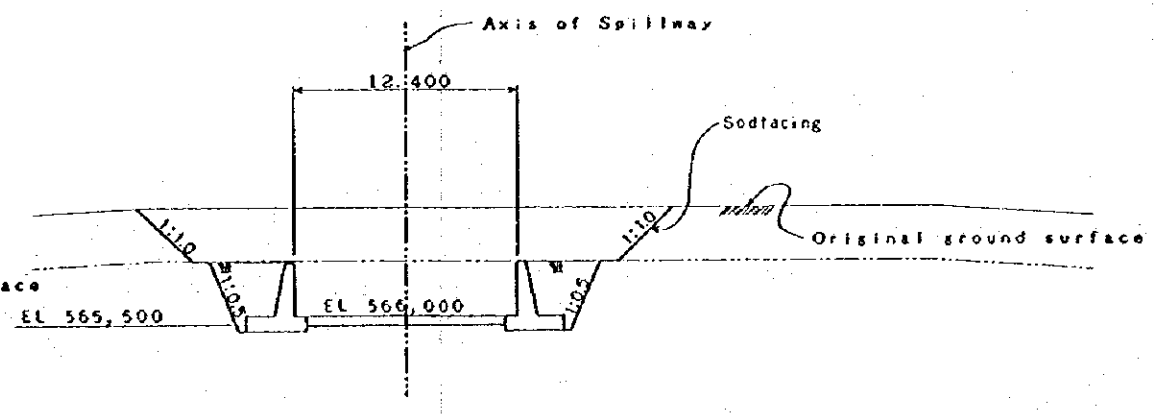
SECTION A - A



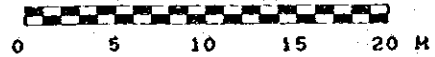
SECTION C - C



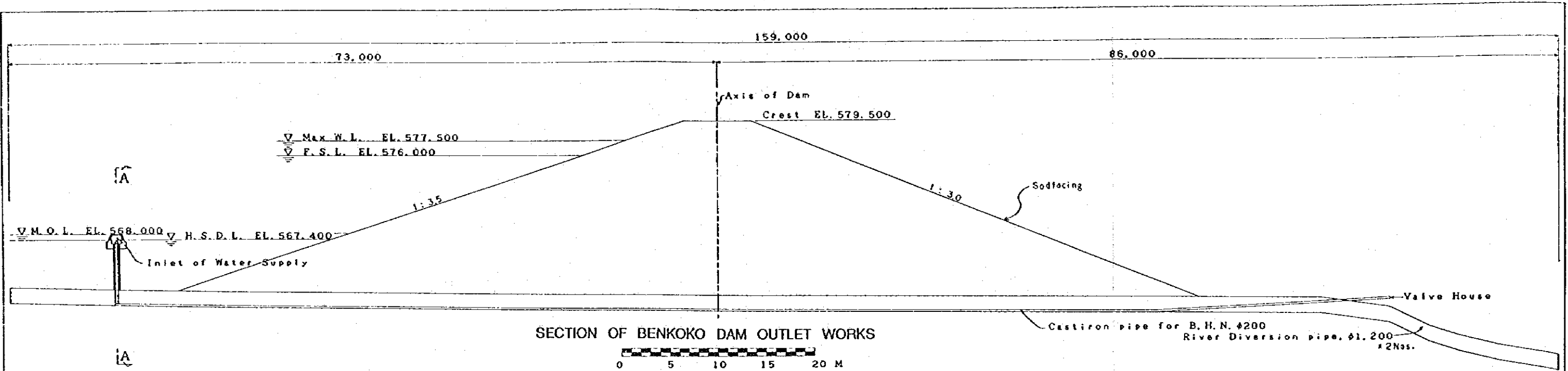
SECTION B - B



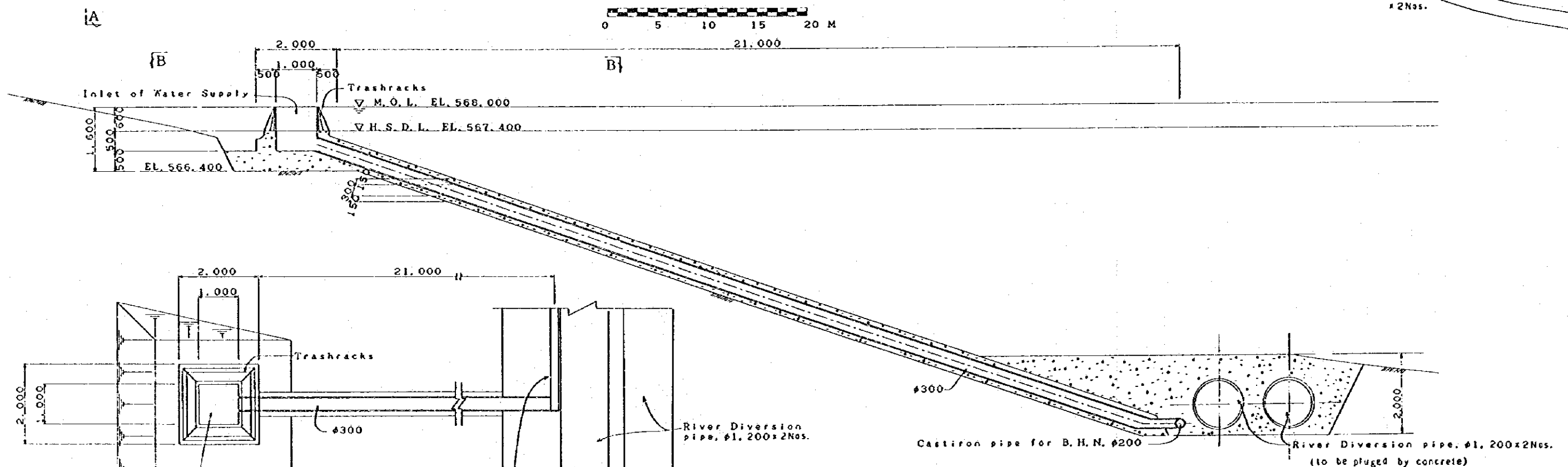
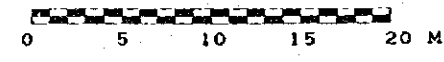
SECTION D - D



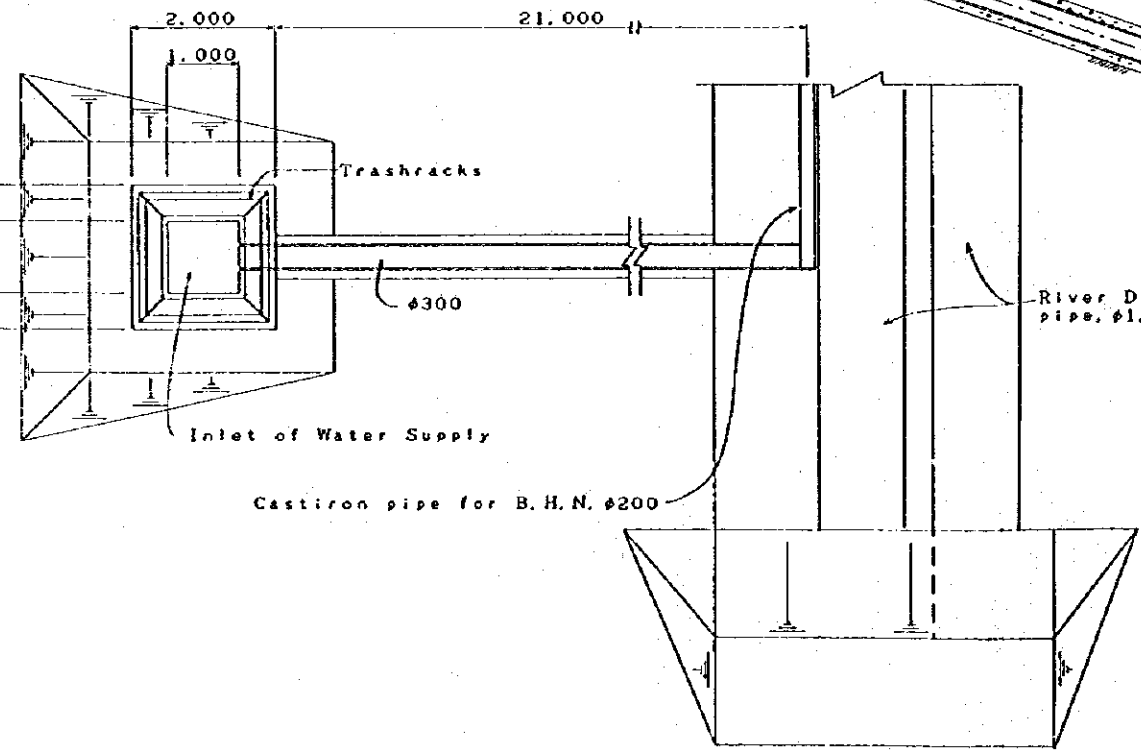
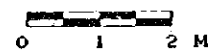
THE REPUBLIC OF INDONESIA		
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING		
BENKOKO SCHEME		
PROFILE AND SECTION OF SPILLWAY		
Date	Drawing No.	3002
JAPAN INTERNATIONAL COOPERATION AGENCY		



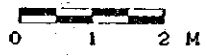
SECTION OF BENKOKO DAM OUTLET WORKS



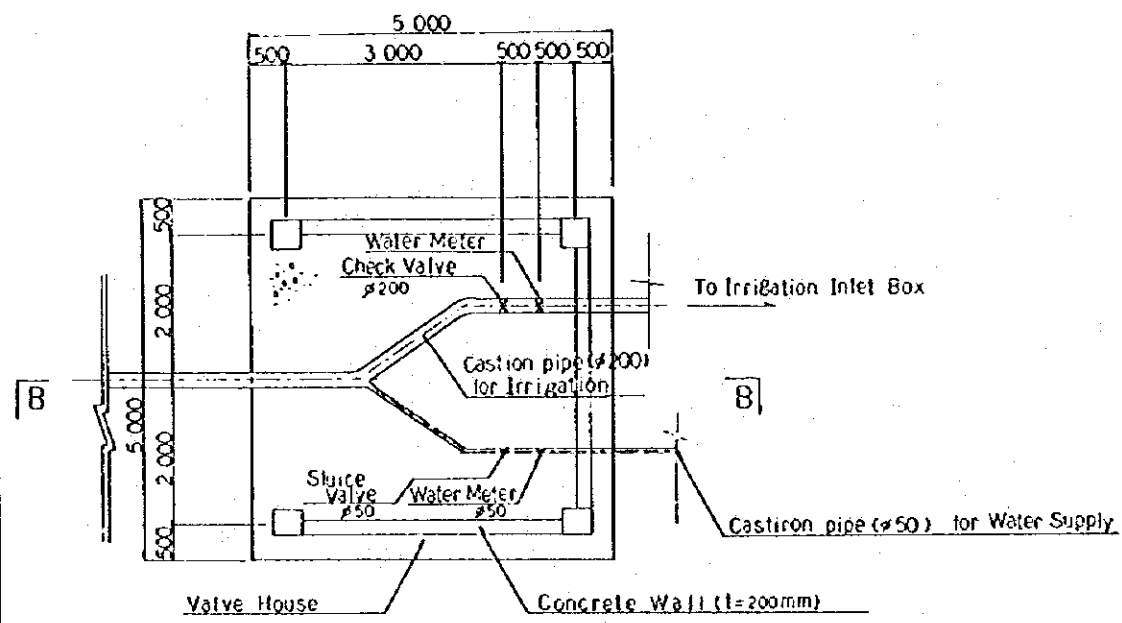
SECTION A - A



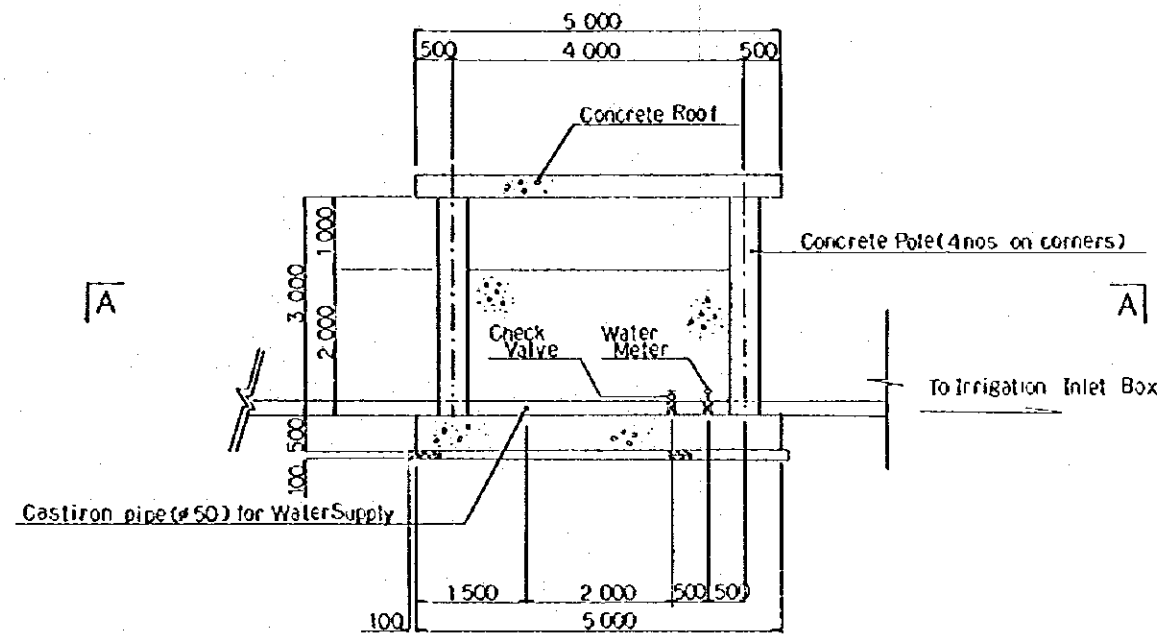
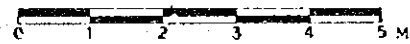
SECTION B - B



THE REPUBLIC OF INDONESIA	
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING	BENKOKO SCHEME
PLAN AND PROFILE OF INTAKE	
Date	Drawing No. 3003
JAPAN INTERNATIONAL COOPERATION AGENCY	



PROFILE OF BENKOKO DAM VALVE HOUSE

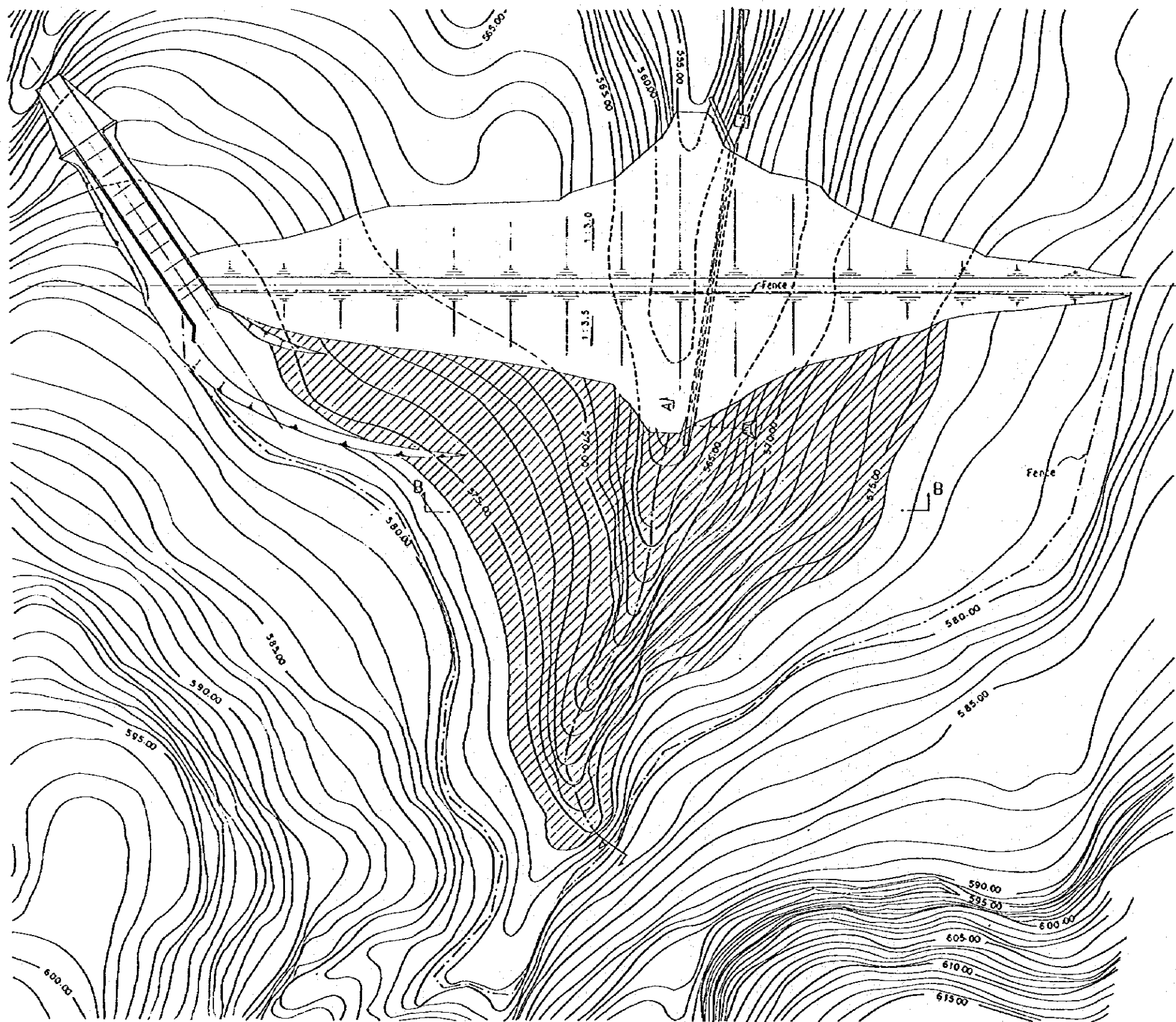


LONGITUDINAL SECTION OF VALVE HOUSE



THE REPUBLIC OF INDONESIA			
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING		BENKOKO SCHEME	
PLAN AND PROFILE OF VALVE HOUSE			
Date		Drawing No.	3004
JAPAN INTERNATIONAL COOPERATION AGENCY			

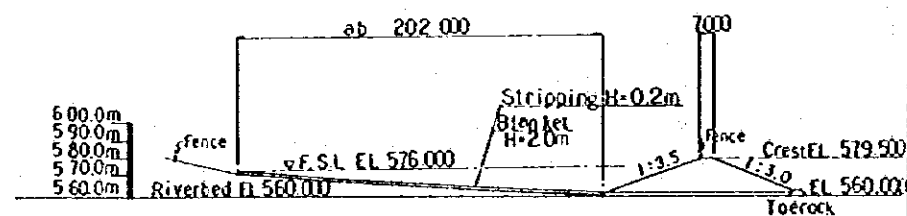
PLAN OF BENKOKO RESERVOIR AREA BLANKET AND FENCE



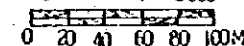
SCALE 1:1000



LONGITUDINAL SECTION OF BLANKET AND FENCE



SCALE 1:200



B - B

F.S.L. EL 576.000

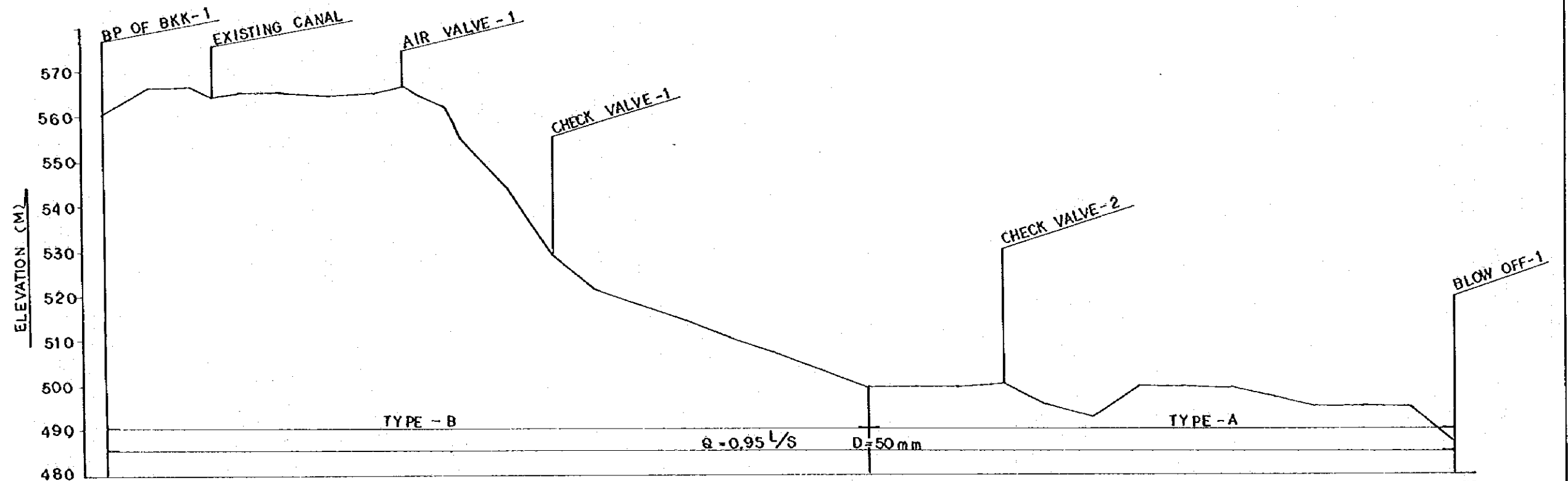
Blanket H=2.0m

Original Ground Line

SCALE 1:1000

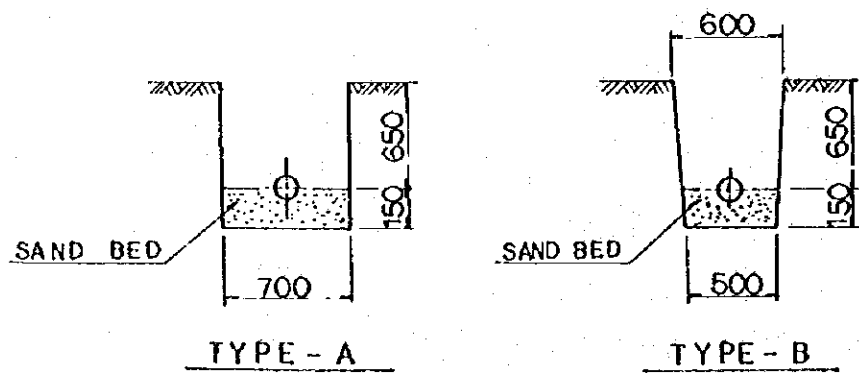


THE REPUBLIC OF INDONESIA	
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING BENKOKO SCHEME BLANKET AND FENCE OF RESERVOIR	
Date	Drawing No. 3005
JAPAN INTERNATIONAL COOPERATION AGENCY	



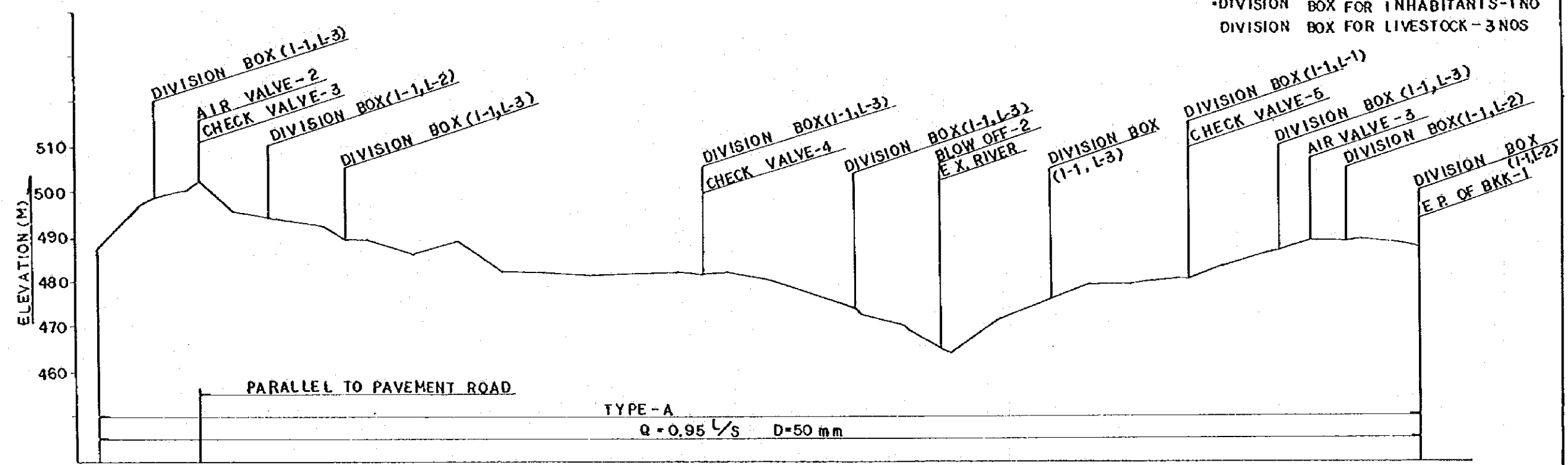
GROUND SURFACE ELEVATION	560.00	566.00	566.50	564.00	565.00	565.50	564.60	565.00	566.50	564.50	562.00	554.50	544.00	529.30	521.60	517.40	514.00	510.00	507.00	503.00	499.50	499.00	499.00	500.00	495.00	492.60	499.30	499.30	499.00	497.00	494.50	495.00	495.00	487.00
REDUCED DISTANCE	0	100.00	200.00	242.00	300.00	400.00	500.00	600.00	670.00	700.00	770.00	800.00	900.00	1000.00	1100.00	1200.00	1300.00	1400.00	1500.00	1600.00	1700.00	1800.00	1900.00	2000.00	2100.00	2200.00	2300.00	2400.00	2500.00	2600.00	2700.00	2800.00	2900.00	3000.00
DISTANCE	0	100.00	100.00	42.00	58.00	100.00	100.00	100.00	70.00	30.00	70.00	30.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
STATION NO.	NO. 0	NO. 1	NO. 2	NO. 42	NO. 3	NO. 4	NO. 5	NO. 6	NO. 70	NO. 7	NO. 70	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30

BKK - 1 (1/2)



THE REPUBLIC OF INDONESIA	
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING BENKOKO SCHEME PROFILE OF PIPELINE (1/2)	
Date	Drawing No. 3006
JAPAN INTERNATIONAL COOPERATION AGENCY	

NOTE : DIVISION BOX (I-1,L-3)
 *DIVISION BOX FOR INHABITANTS-1 NO
 DIVISION BOX FOR LIVESTOCK-3 NOS

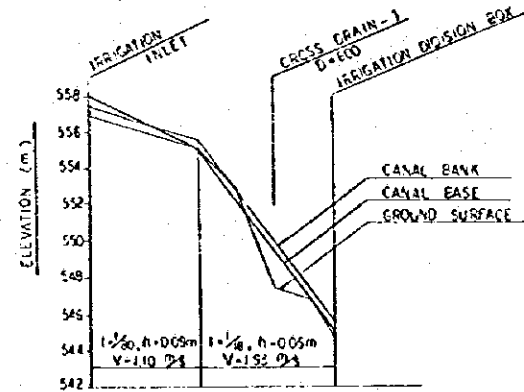


GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION NO.
487.00	3 000.00	100.00	NO.30
497.50	3 100.00	100.00	NO.31
496.00	3 130.00	30.00	+30.00
500.00	3 200.00	70.00	NO.32
502.00	3 220.00	20.00	+20.00
495.50	3 300.00	80.00	NO.33
494.00	3 270.00	70.00	+70.00
493.70	3 300.00	30.00	NO.34
492.00	3 400.00	100.00	NO.35
489.00	3 450.00	50.00	+50.00
489.00	3 500.00	50.00	NO.36
486.00	3 600.00	100.00	NO.37
489.00	3 700.00	100.00	NO.38
482.00	3 800.00	100.00	NO.39
482.00	3 900.00	100.00	NO.40
481.00	4 000.00	100.00	NO.41
481.50	4 100.00	100.00	NO.42
482.00	4 200.00	100.00	NO.43
481.40	4 250.00	50.00	+50.00
481.80	4 300.00	50.00	NO.44
480.00	4 400.00	100.00	NO.45
476.50	4 500.00	100.00	NO.46
476.00	4 580.00	80.00	+80.00
472.00	4 600.00	20.00	NO.47
470.00	4 700.00	100.00	NO.48
464.00	4 780.00	80.00	+80.00
471.00	4 800.00	20.00	NO.49
479.00	4 900.00	100.00	NO.50
475.00	5 000.00	100.00	NO.51
476.00	5 020.00	20.00	+20.00
479.00	5 100.00	80.00	NO.52
479.00	5 200.00	100.00	NO.53
480.50	5 300.00	100.00	NO.54
480.50	5 325.00	25.00	+25.00
483.00	5 400.00	75.00	NO.55
486.00	5 500.00	100.00	NO.56
486.50	5 520.00	20.00	+20.00
489.00	5 600.00	80.00	NO.57
488.50	5 675.00	75.00	+75.00
489.00	5 700.00	25.00	NO.58
488.00	5 800.00	100.00	NO.59
487.30	5 840.00	40.00	+40.00

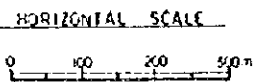
BKK-1 (2/2)

THE REPUBLIC OF INDONESIA			
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING BENKOKO SCHEME PROFILE OF PIPELINE (2/2)			
Date	Drawing No.	3007	
JAPAN INTERNATIONAL COOPERATION AGENCY			

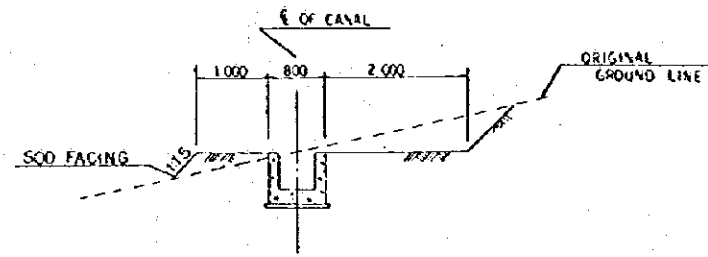
CANAL PROFILE



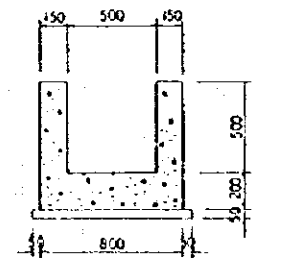
CANAL BANK ELEVATION	557.42	556.75	556.17	555.54	554.76	549.98	547.21	545.54
CANAL BASE ELEVATION	556.92	556.25	555.67	555.04	552.26	549.48	546.71	545.04
GROUND SURFACE ELEVATION	558.00	557.00	556.00	555.10	554.90	547.50	546.70	547.70
REDUCED DISTANCE	0.00	50.00	100.00	150.00	200.00	250.00	300.00	350.00
DISTANCE	0.00	50.00	100.00	150.00	200.00	250.00	300.00	350.00
STATION No.	BP	No.0	No.1	No.2	No.3	No.4	No.5	EP



CANAL SECTION

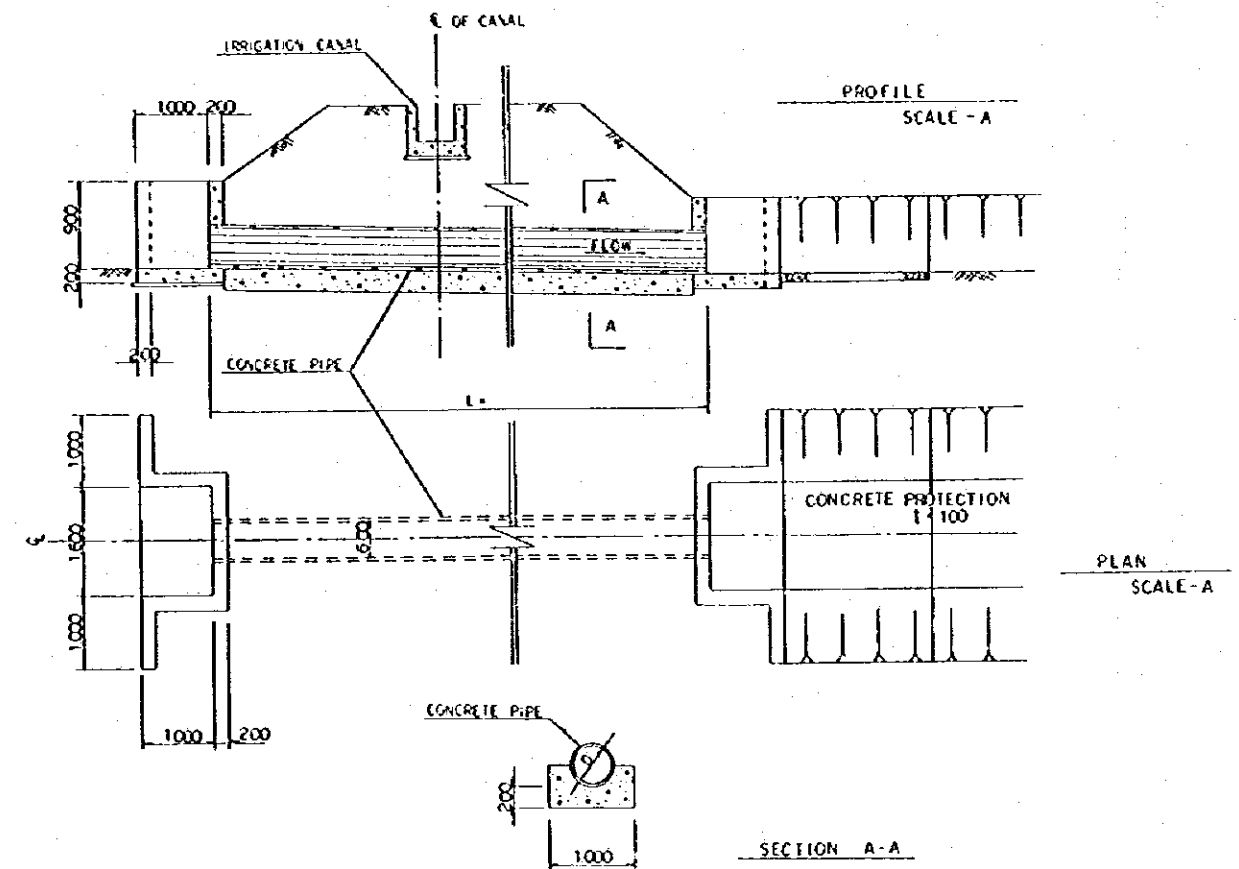


TYPICAL SECTION SCALE - A

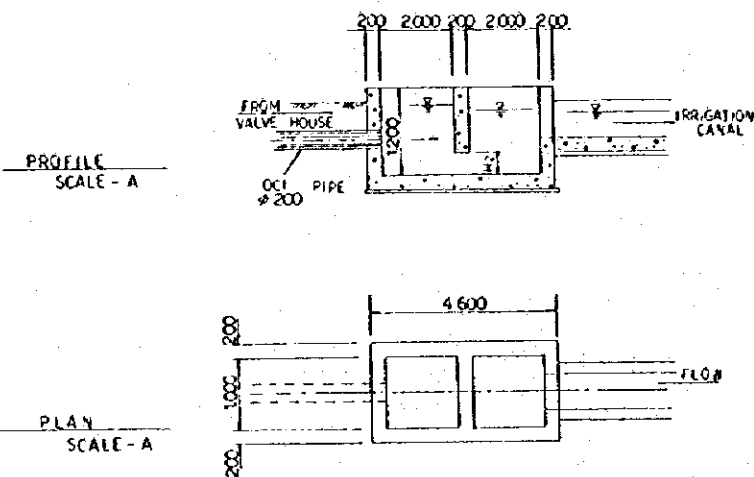


DETAIL OF CANAL SECTION SCALE - B

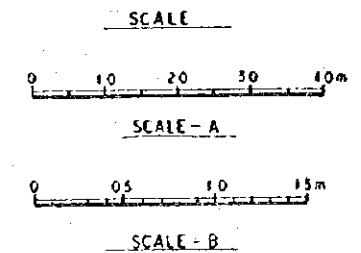
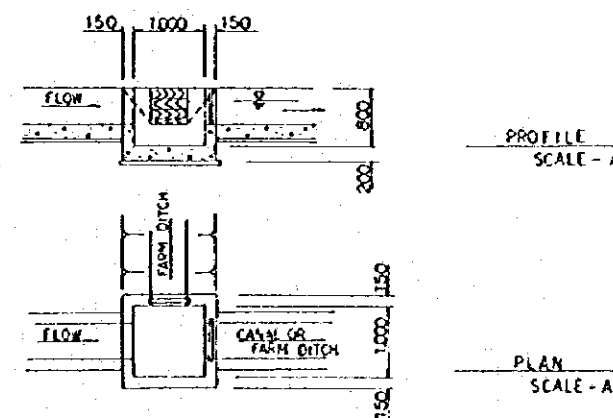
CROSS DRAIN



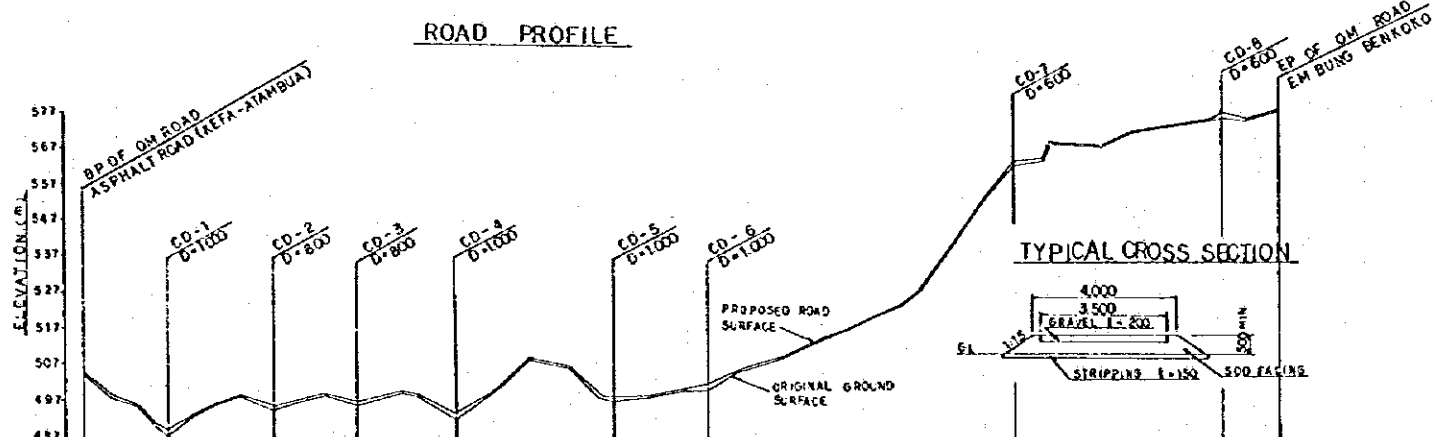
IRRIGATION INLET



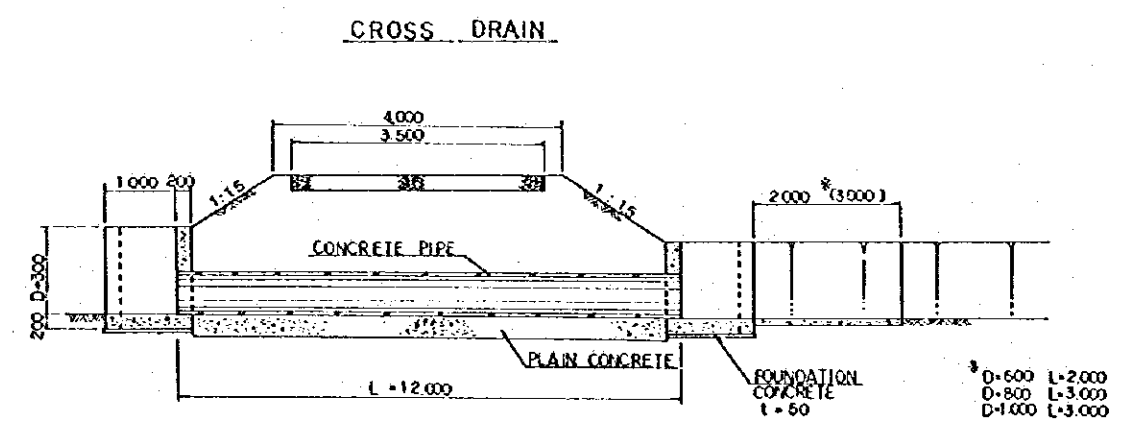
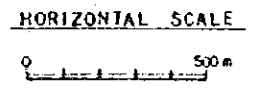
IRRIGATION DIVISION BOX



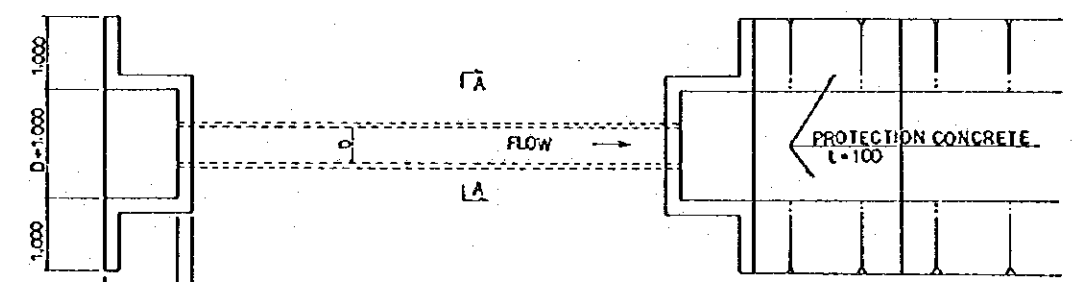
THE REPUBLIC OF INDONESIA			
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING			
BENKOKO SCHEME			
CANAL PROFILE AND RELATED STRUCTURES			
Date	Drawing No.	3008	
JAPAN INTERNATIONAL COOPERATION AGENCY			



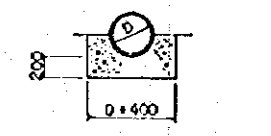
PROPOSED ROAD ELEVATION	GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION NO.
505.45	504.95	0.00	0.00	BP
499.00	498.50	62.50	57.50	NO.01
498.14	497.64	125.00	70.00	NO.02
497.78	497.28	187.50	82.50	NO.03
497.17	496.67	250.00	95.00	NO.04
496.00	495.50	312.50	107.50	NO.05
497.76	497.26	375.00	120.00	NO.06
499.71	499.21	437.50	132.50	NO.07
493.95	493.45	500.00	145.00	NO.08
497.96	497.46	562.50	157.50	NO.09
500.01	499.51	625.00	170.00	NO.10
498.69	498.19	687.50	182.50	NO.11
500.16	499.66	750.00	195.00	NO.12
499.28	498.78	812.50	207.50	NO.13
494.16	493.66	875.00	220.00	NO.14
500.85	499.35	937.50	232.50	NO.15
503.75	503.25	1000.00	245.00	NO.16
510.07	509.57	1062.50	257.50	NO.17
514.97	514.47	1125.00	270.00	NO.18
517.40	516.90	1187.50	282.50	NO.19
520.84	520.34	1250.00	295.00	NO.20
524.75	524.25	1312.50	307.50	NO.21
528.60	528.10	1375.00	320.00	NO.22
542.89	542.39	1437.50	332.50	NO.23
555.14	554.64	1500.00	345.00	NO.24
564.01	563.51	1562.50	357.50	NO.25
563.95	563.45	1625.00	370.00	NO.26
548.56	548.06	1687.50	382.50	NO.27
572.76	572.26	1750.00	395.00	NO.28
577.49	576.99	1812.50	407.50	NO.29
579.50	579.00	1875.00	420.00	NO.30



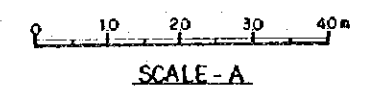
PROFILE SCALE - A



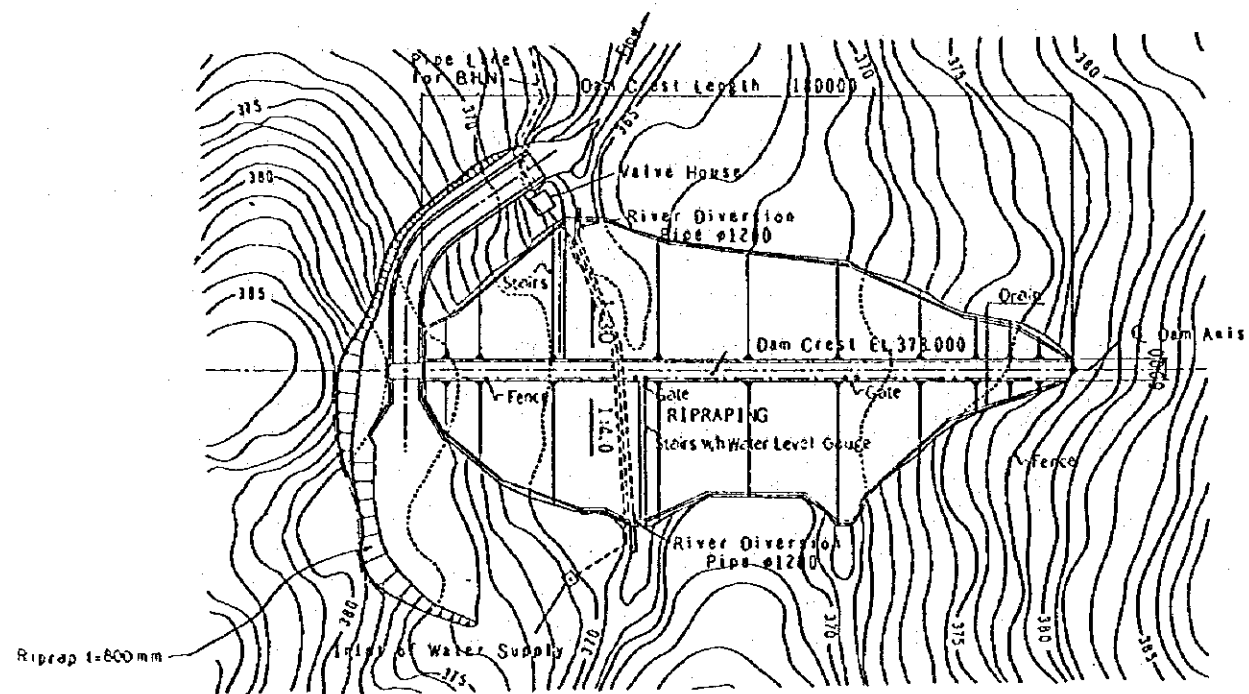
PLAN SCALE - A



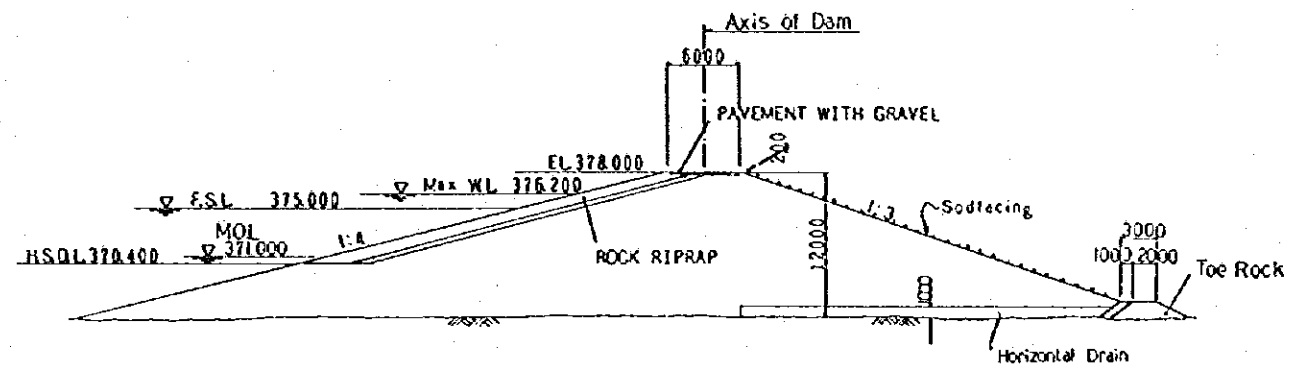
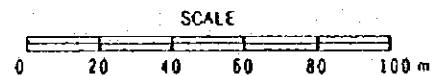
SECTION A-A SCALE A



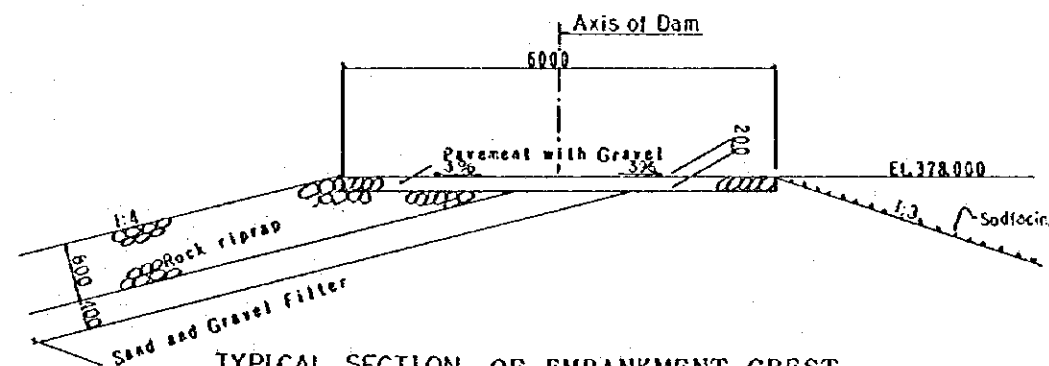
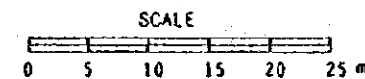
THE REPUBLIC OF INDONESIA			
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGOARA			
TITLE OF DRAWING		BENKOKO SCHEME	
OPERATION AND MAINTENANCE ROAD PROFILE AND RELATED STRUCTURES			
Date	Drawing No.	3009	
JAPAN INTERNATIONAL COOPERATION AGENCY			



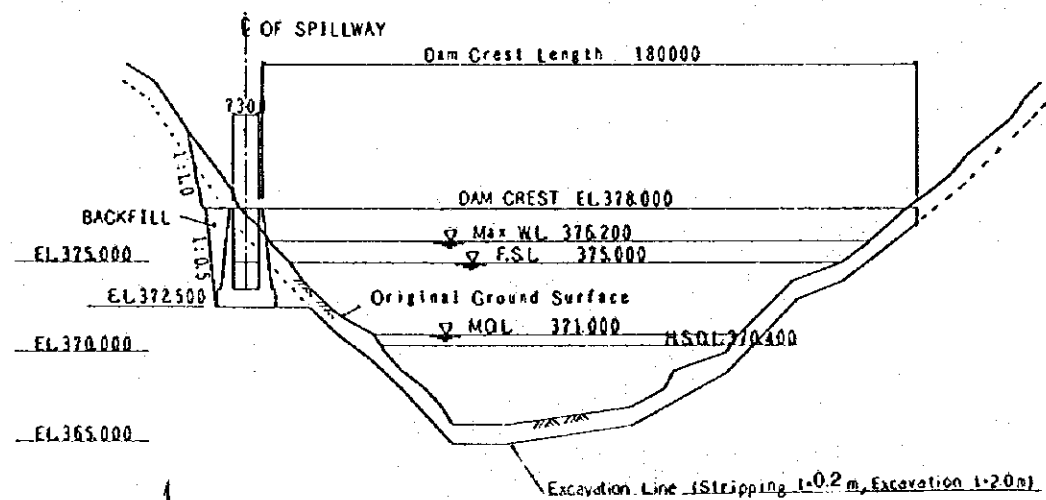
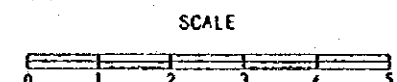
PLAN OF OEBUAIN DAM



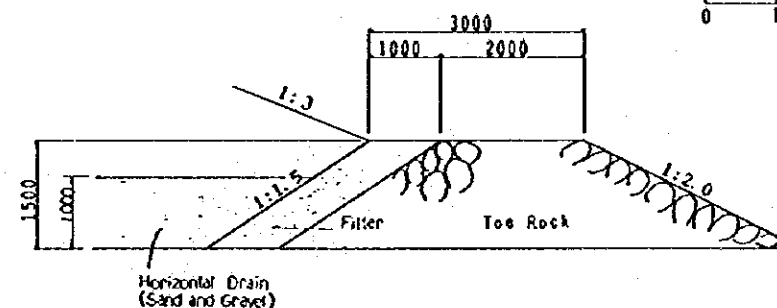
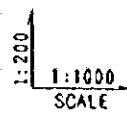
TYPICAL SECTION OF DAM EMBANKMENT



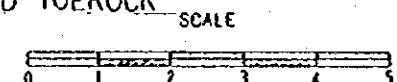
TYPICAL SECTION OF EMBANKMENT CREST



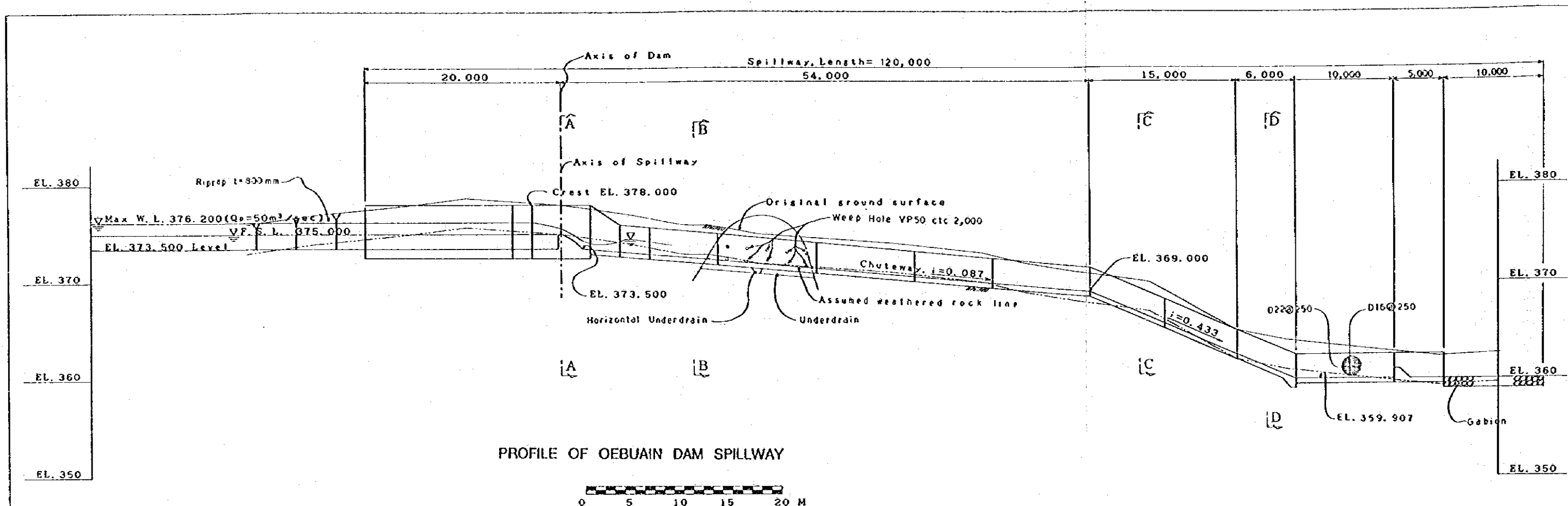
LONGITUDINAL SECTION OF DAM AXIS



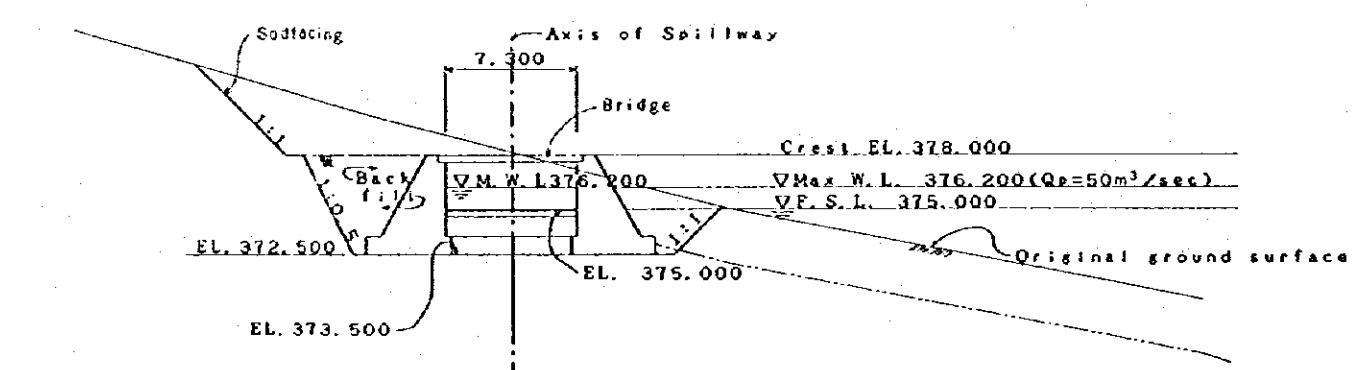
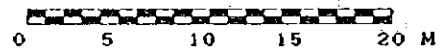
TYPICAL SECTION OF DRAIN AND TOE ROCK



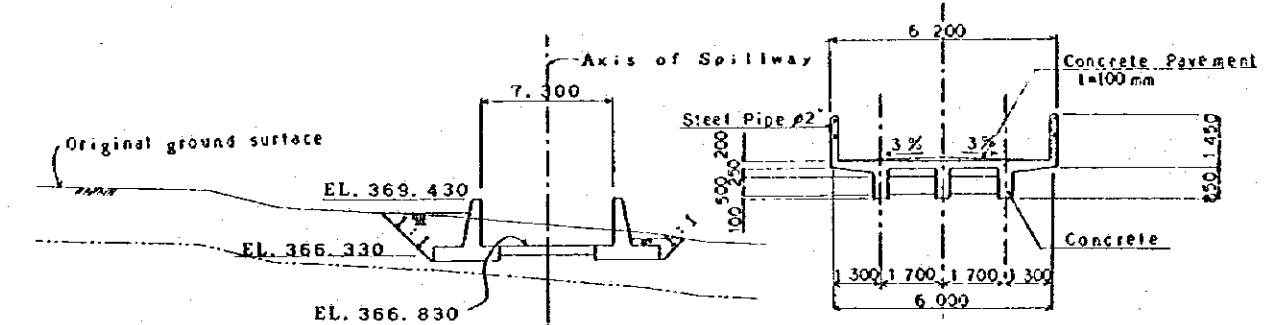
THE REPUBLIC OF INDONESIA	
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING OEBUAIN SCHEME PLAN AND SECTION OF RESERVOIR	
Date	Drawing No. 4001
JAPAN INTERNATIONAL COOPERATION AGENCY	



PROFILE OF OEBUAIN DAM SPILLWAY

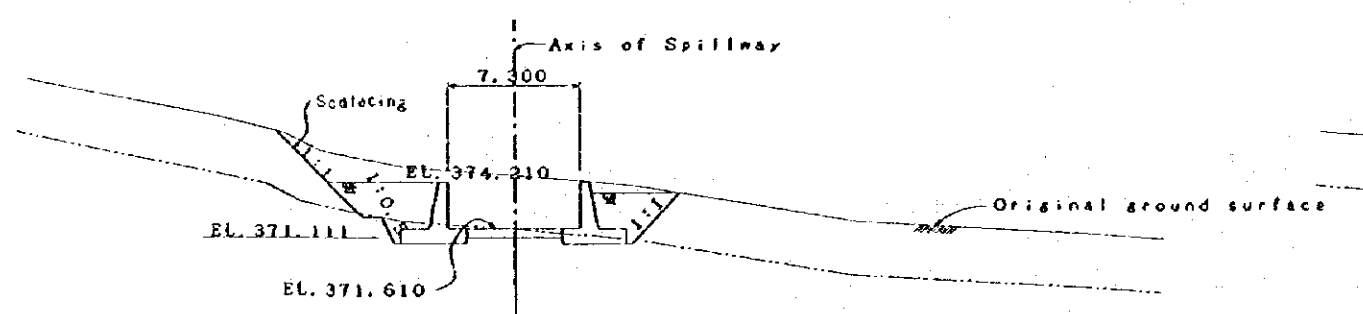


SECTION A - A

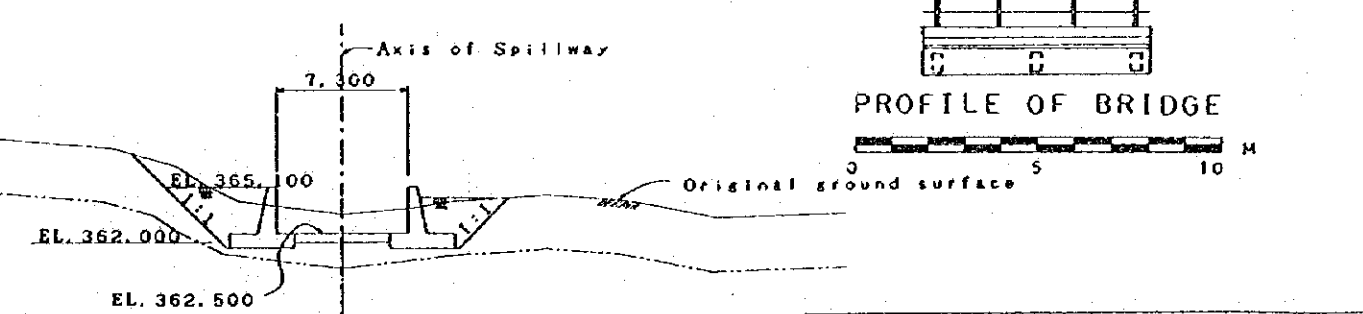


SECTION C - C

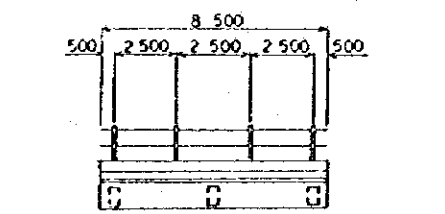
CROSS SECTION OF BRIDGE



SECTION B - B

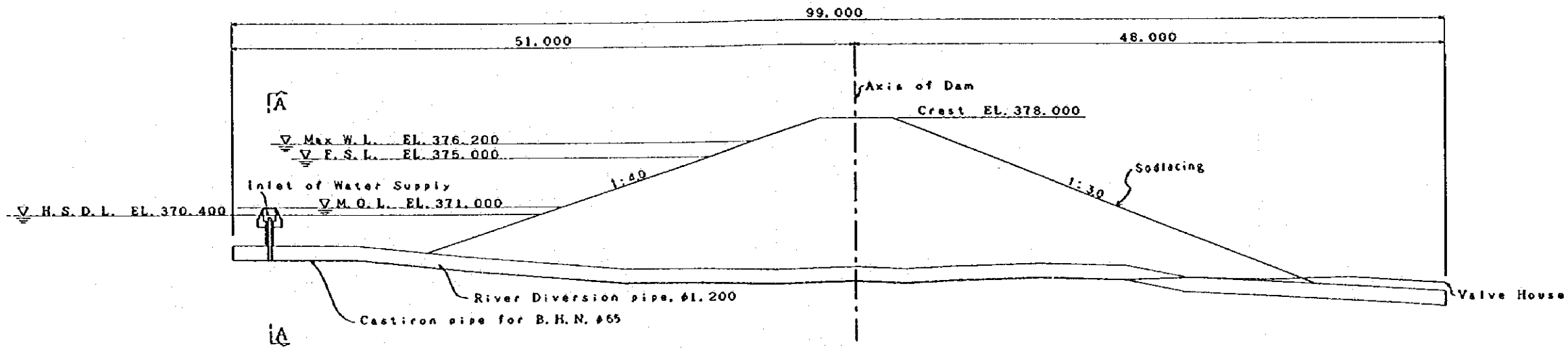


SECTION D - D



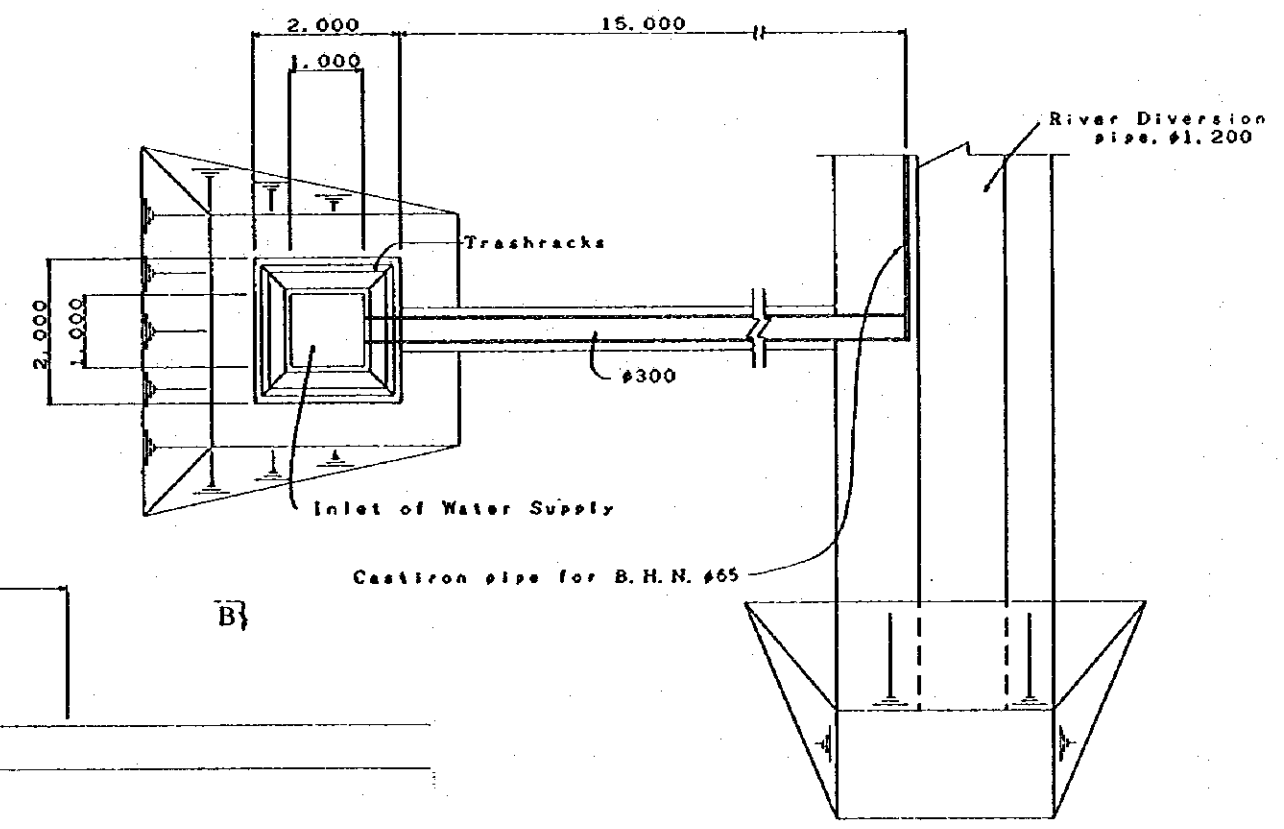
PROFILE OF BRIDGE

THE REPUBLIC OF INDONESIA	
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING OEBUAIN SCHEME PROFILE AND SECTION OF SPILLWAY	
Date	Drawing No. 4002
JAPAN INTERNATIONAL COOPERATION AGENCY	



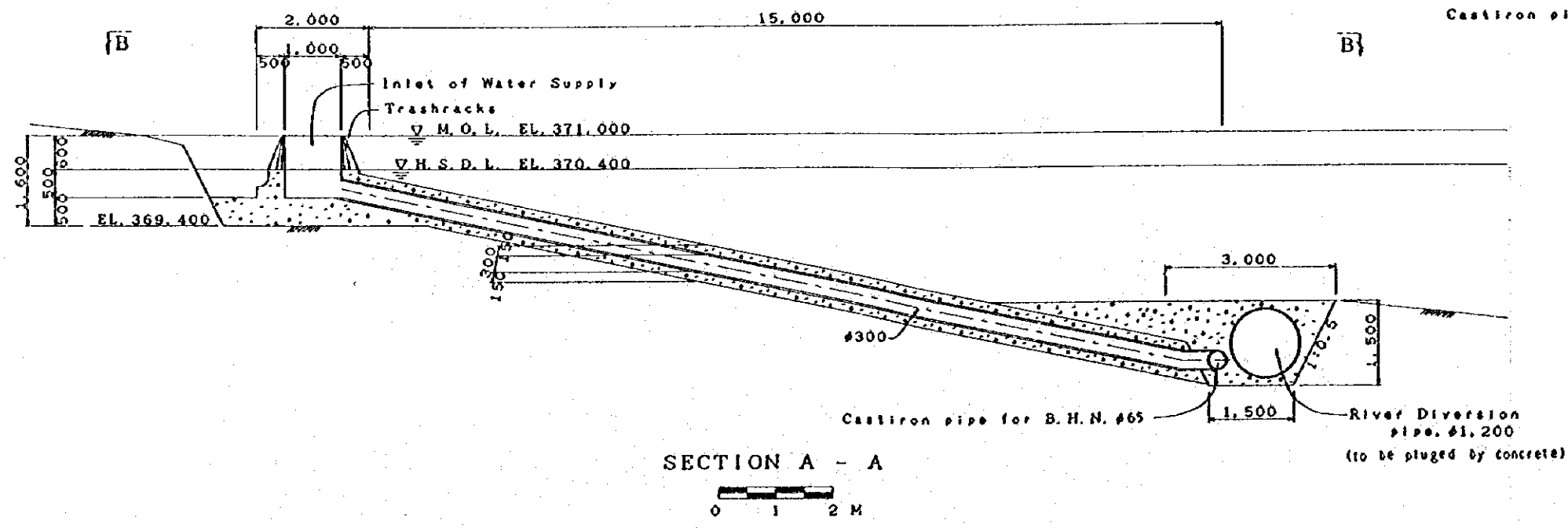
SECTION OF OEBUAIN DAM OUTLET WORKS

0 5 10 15 20 M



SECTION B - B

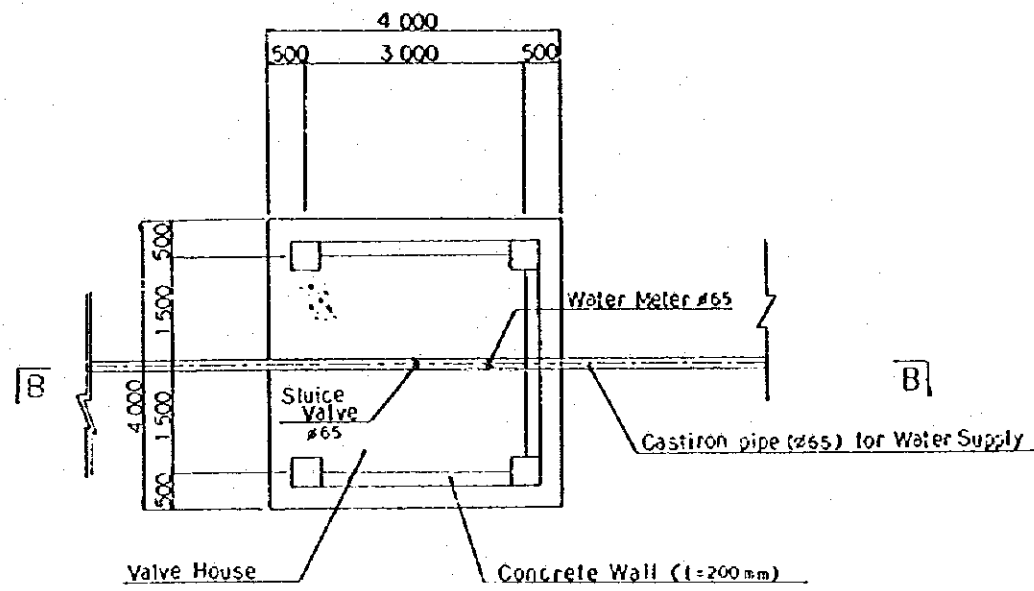
0 1 2 M



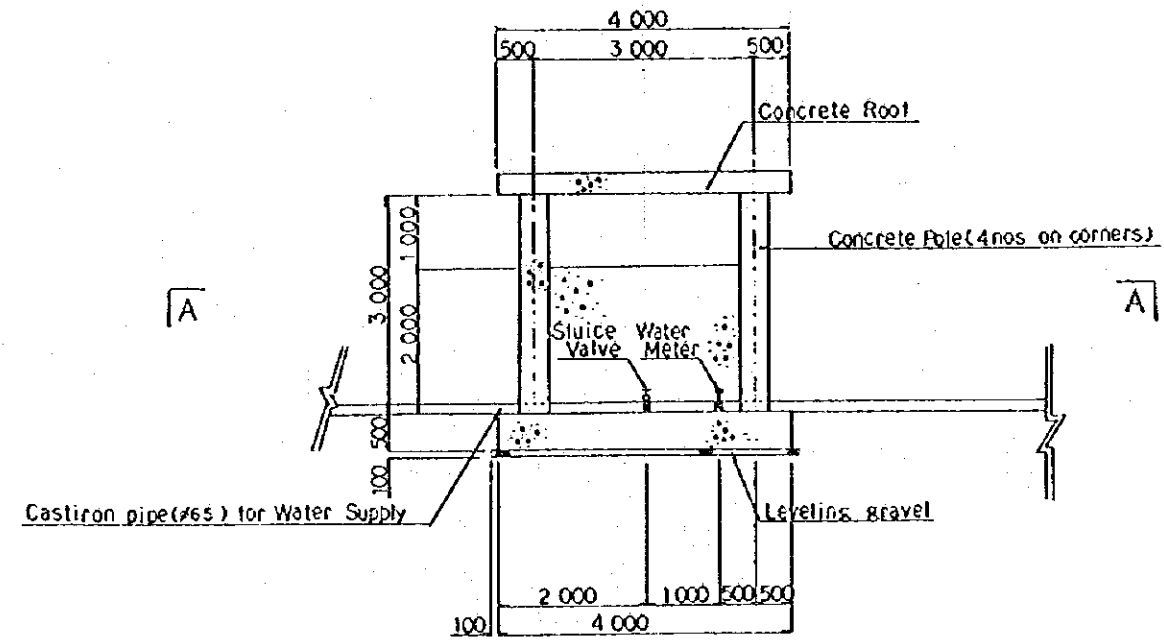
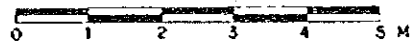
SECTION A - A

0 1 2 M

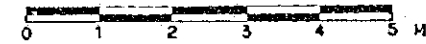
THE REPUBLIC OF INDONESIA			
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGOARA			
TITLE OF DRAWING OEBUAIN SCHEME PLAN AND PROFILE OF INTAKE			
Date	Drawing No.	4003	
JAPAN INTERNATIONAL COOPERATION AGENCY			



PROFILE OF OEBUAIN DAM VALVE HOUSE



LONGITUDINAL SECTION OF VALVE HOUSE



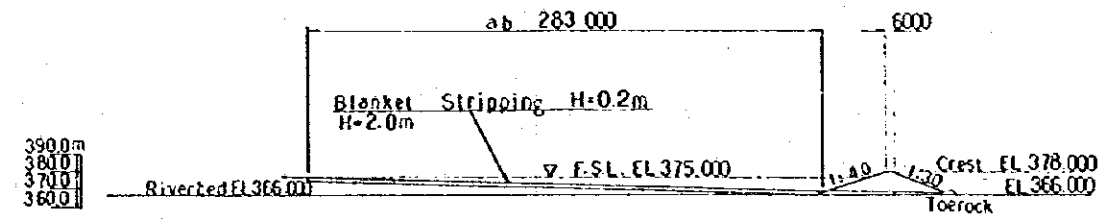
THE REPUBLIC OF INDONESIA			
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGOARA			
TITLE OF DRAWING			
OEBUAIN SCHEME			
PLAN AND PROFILE OF VALVE HOUSE			
Date	Drawing No.	4004	
JAPAN INTERNATIONAL COOPERATION AGENCY			

PLAN OF OEBUAIN RESERVOIR AREA BLANKET AND FENCE



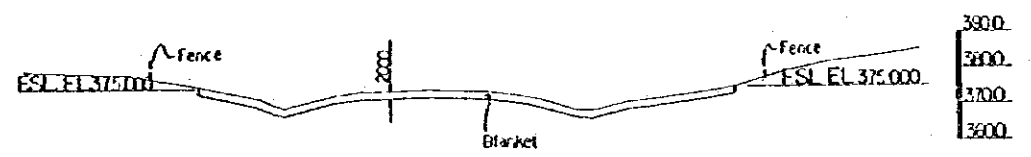
SCALE 1:1000
 0 10 20 30 40 50M

LONGITUDINAL SECTION OF BLANKET AND FENCE (A-A)



SCALE 1:2000
 0 20 40 60 80 100M

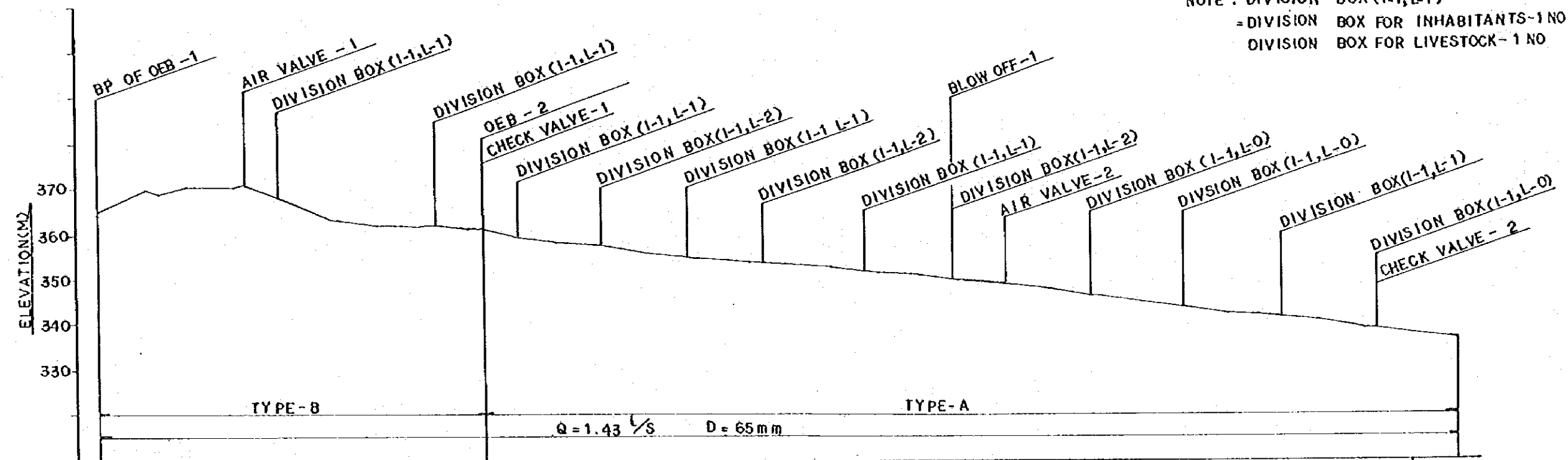
B-B



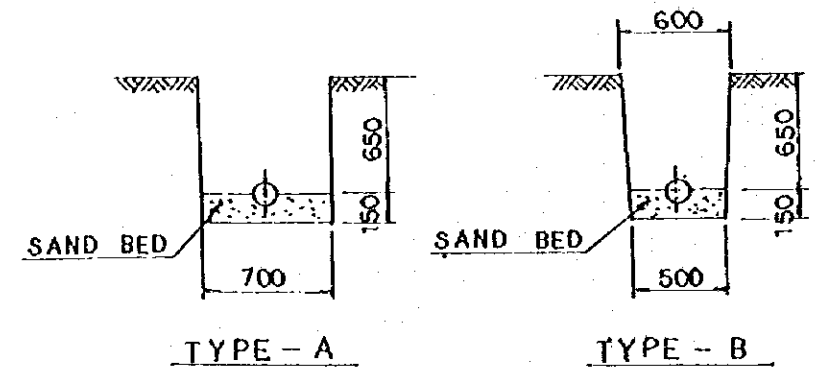
0 10 20 30 40 50M

THE REPUBLIC OF INDONESIA	
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING OEBUAIN SCHEME BLANKET AND FENCE OF RESERVOIR	
Date	Drawing No. 4905
JAPAN INTERNATIONAL COOPERATION AGENCY	

NOTE : DIVISION BOX (I-1,L-1)
 = DIVISION BOX FOR INHABITANTS-1 NO
 DIVISION BOX FOR LIVESTOCK-1 NO

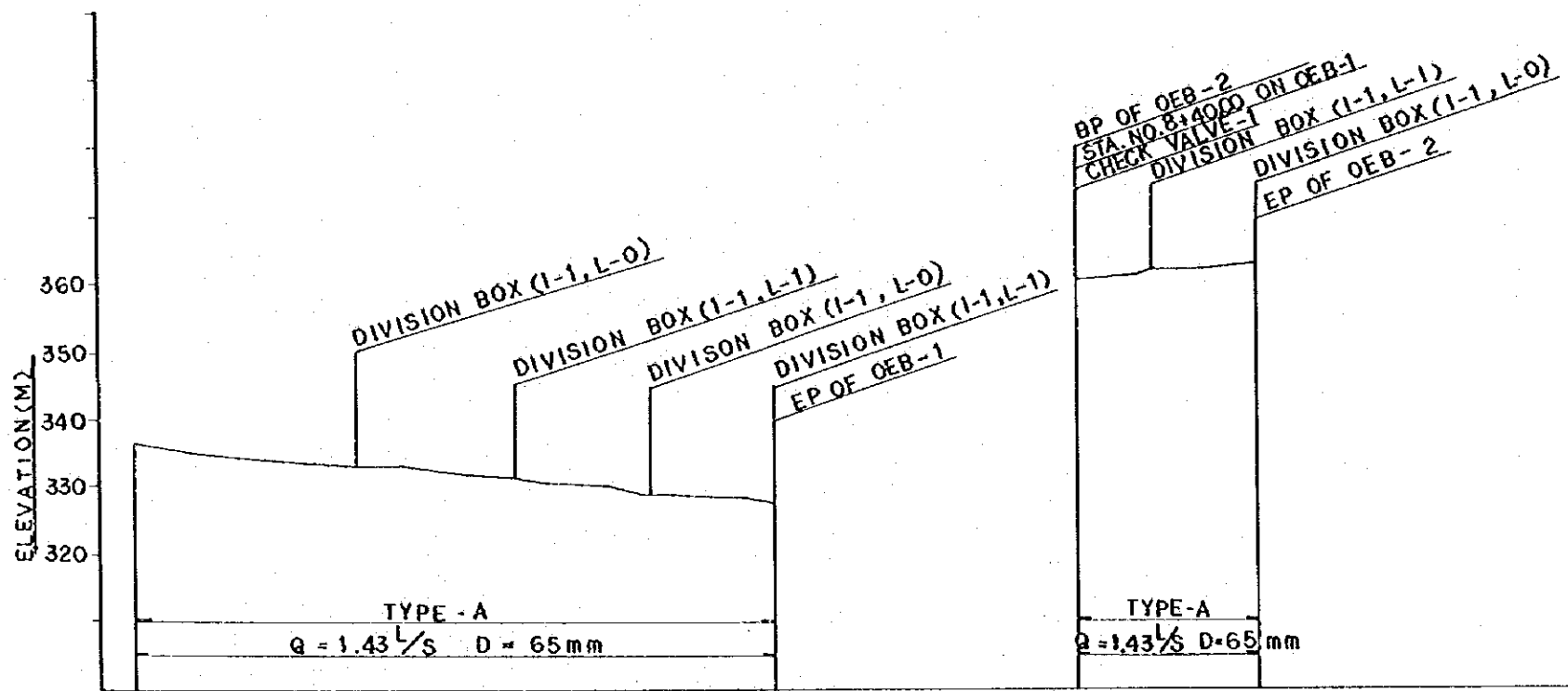


GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION NO.
365.00	0	0	B.P.
369.50	100.00	100.00	NO. 1
368.60	130.00	30.00	+30.00
370.00	200.00	70.00	NO. 2
370.00	300.00	100.00	NO. 3
370.50	320.00	20.00	+20.00
367.40	370.00	70.00	+90.00
367.10	400.00	70.00	NO. 4
363.00	500.00	100.00	NO. 5
361.60	600.00	100.00	NO. 6
361.20	700.00	100.00	NO. 7
361.20	730.00	30.00	+30.00
360.90	800.00	70.00	NO. 8
360.50	840.00	40.00	+40.00
359.40	900.00	60.00	NO. 9
358.90	920.00	20.00	+20.00
357.80	1000.00	80.00	NO. 10
357.00	1100.00	100.00	NO. 11
355.20	1200.00	100.00	NO. 12
354.50	1290.00	90.00	+90.00
354.30	1300.00	10.00	NO. 13
353.40	1400.00	100.00	NO. 14
353.00	1460.00	60.00	+60.00
352.70	1500.00	40.00	NO. 15
352.00	1600.00	100.00	NO. 16
351.10	1680.00	80.00	+80.00
351.00	1700.00	20.00	NO. 17
350.10	1800.00	100.00	NO. 18
349.50	1880.00	80.00	+80.00
349.40	1900.00	20.00	NO. 19
348.20	2000.00	100.00	NO. 20
347.00	2100.00	100.00	NO. 21
346.00	2180.00	80.00	+80.00
345.60	2200.00	20.00	NO. 22
344.40	2300.00	100.00	NO. 23
343.30	2395.00	95.00	+95.00
343.30	2400.00	5.00	NO. 24
342.20	2500.00	100.00	NO. 25
341.10	2600.00	100.00	NO. 26
341.00	2610.00	10.00	+10.00
340.10	2700.00	90.00	NO. 27
338.60	2800.00	100.00	NO. 28
338.50	2820.00	20.00	+20.00
337.50	2900.00	80.00	NO. 29
336.40	3000.00	100.00	NO. 30



OEB - 1 (1/2)

THE REPUBLIC OF INDONESIA		
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING OEBUAIN SCHEME PROFILE OF PIPELINE (1/2)		
Date	Drawing No.	4006
JAPAN INTERNATIONAL COOPERATION AGENCY		

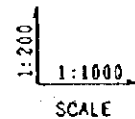
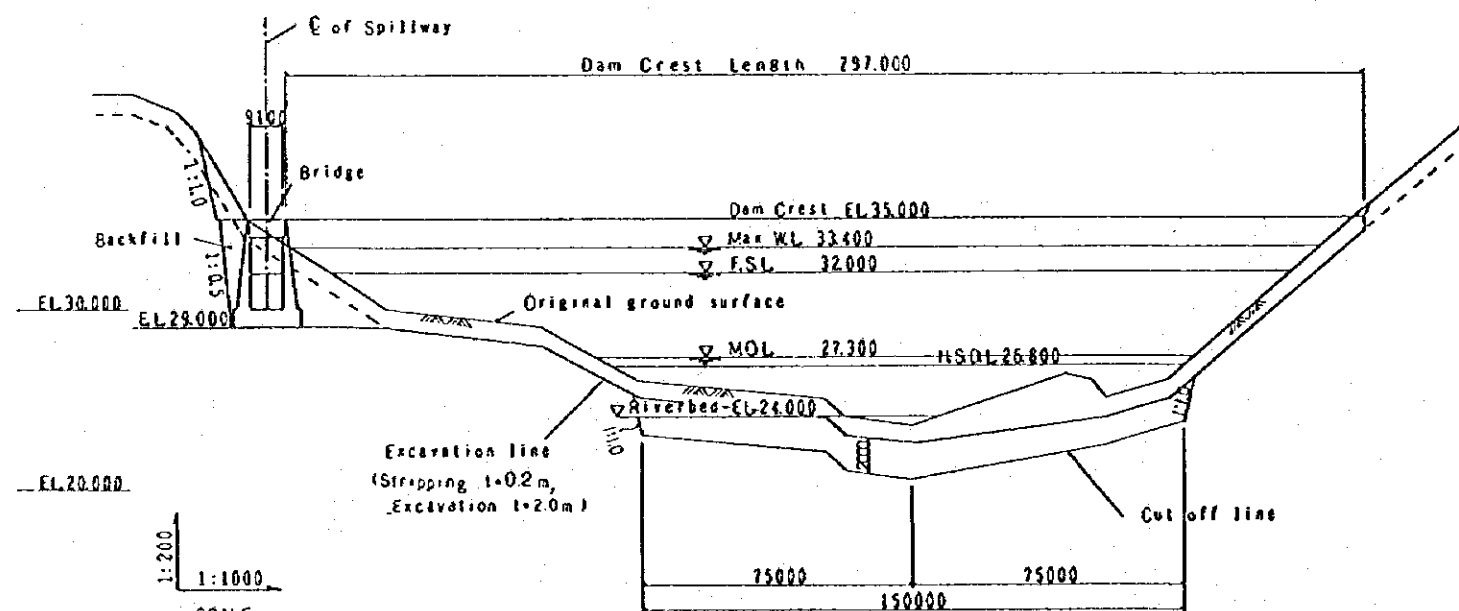
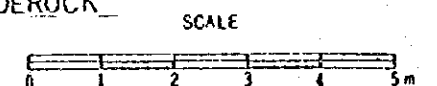
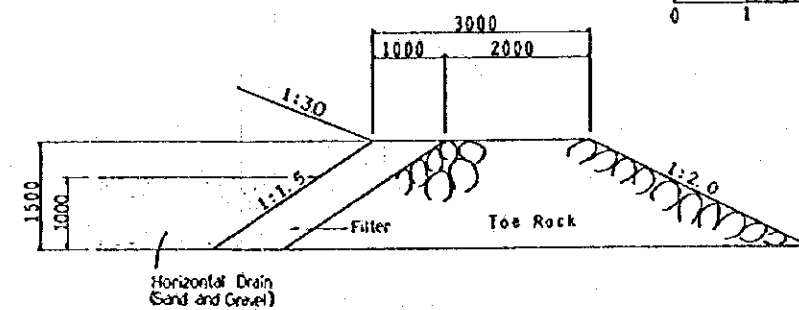
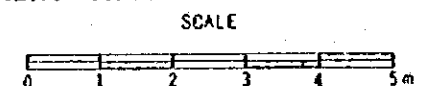
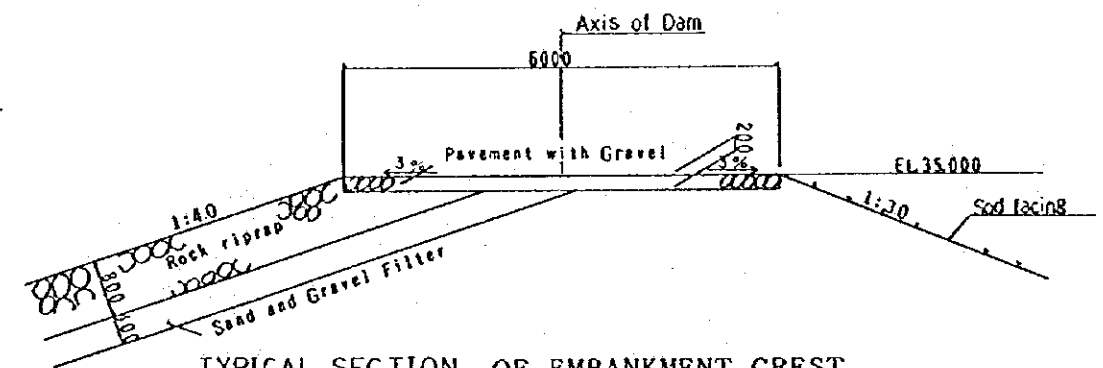
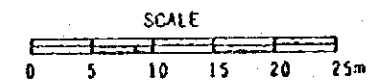
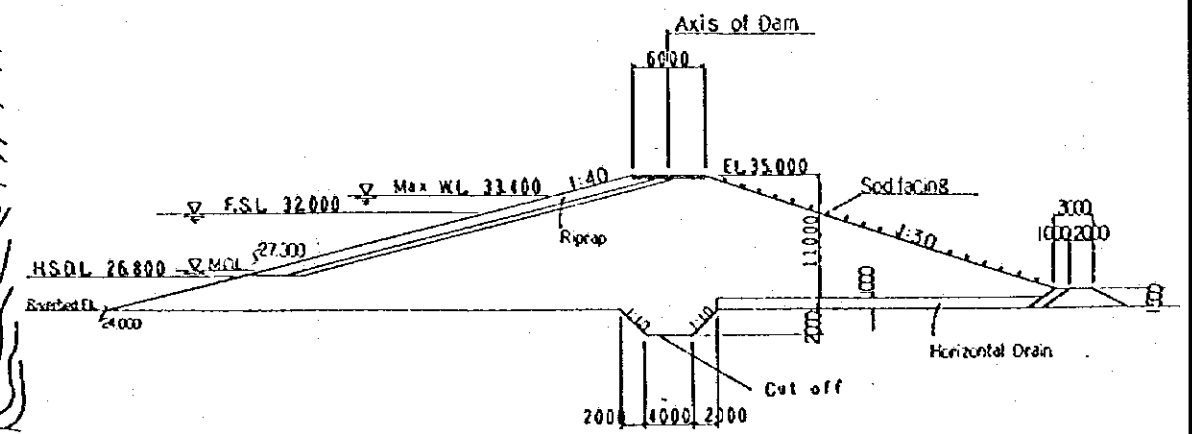
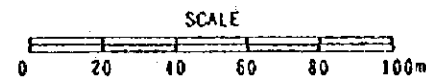
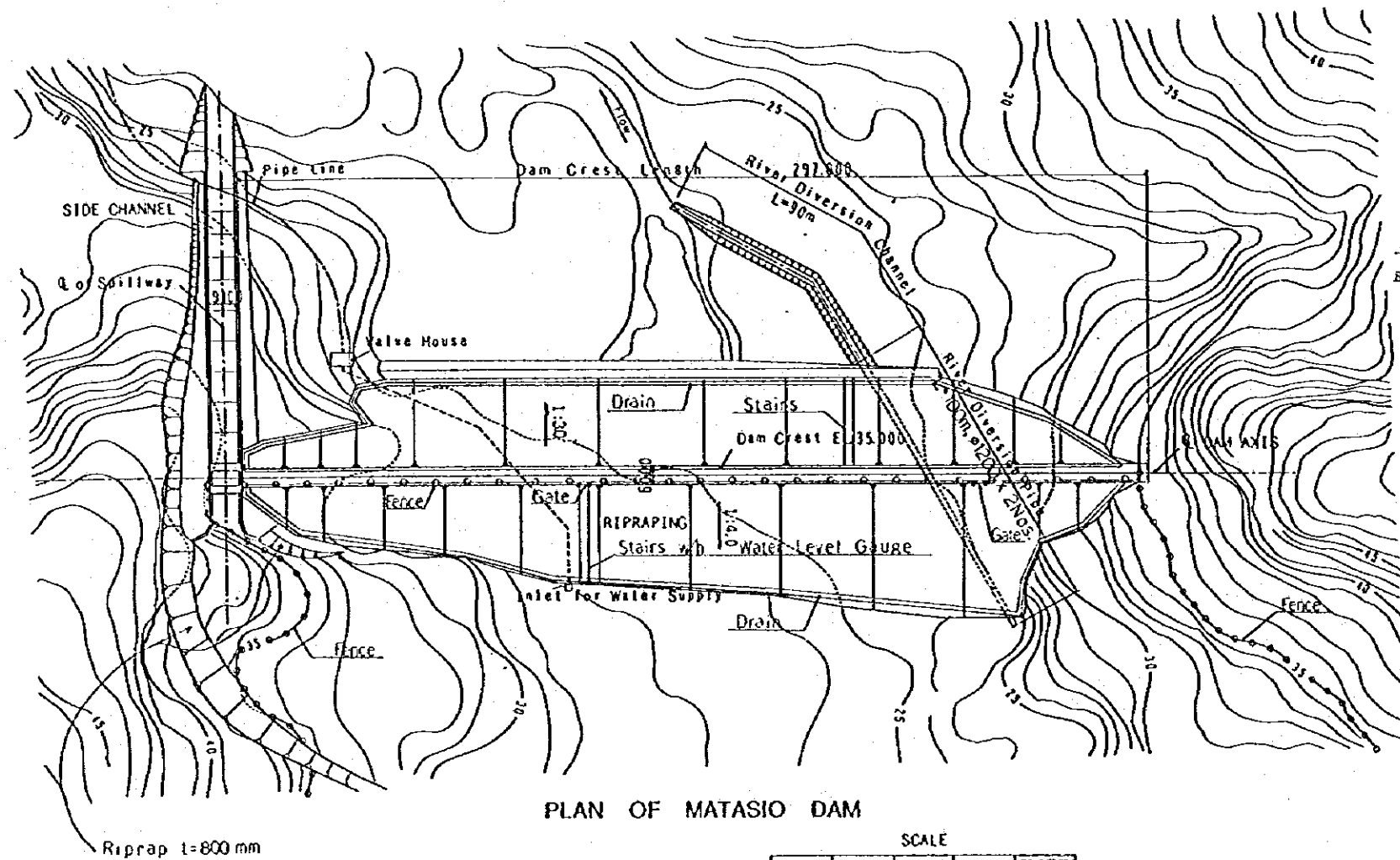


GROUND SURFACE ELEVATION	336.40	334.90	334.00	333.20	333.20	333.10	332.00	331.20	330.50	330.30	329.20	329.20	328.40	327.50	360.50	361.70	361.80	362.00	363.20
REDUCED DISTANCE	3000.00	3100.00	3200.00	3300.00	3330.00	3400.00	3500.00	3560.00	3600.00	3700.00	3760.00	3800.00	3900.00	3960.00	0	100.00	110.00	200.00	270.00
DISTANCE	100.00	100.00	100.00	100.00	30.00	70.00	100.00	60.00	40.00	100.00	60.00	40.00	100.00	50.00	0	100.00	10.00	90.00	70.00
STATION NO.	NO. 30	NO. 31	NO. 32	NO. 33	+30.00	NO. 34	NO. 35	+60.00	NO. 36	NO. 37	+60.00	NO. 38	NO. 39	+50.00	NO. 0	NO. 1	+10.00	NO. 2	+70.00

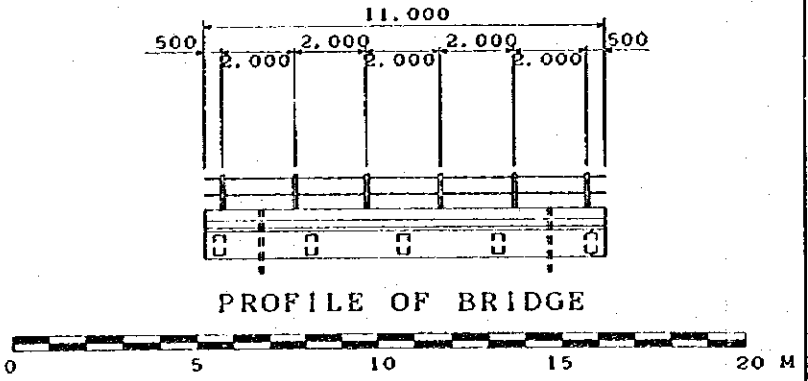
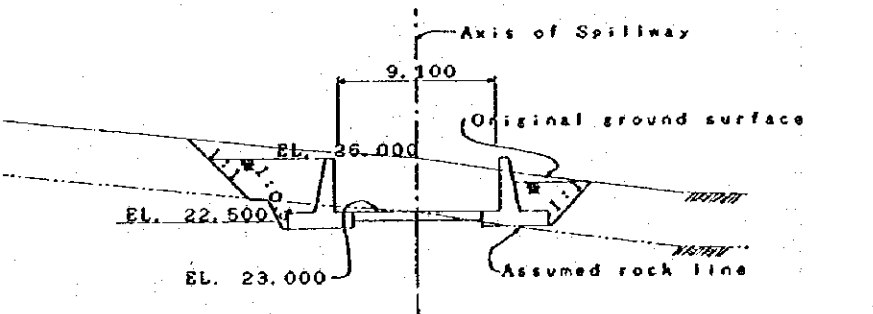
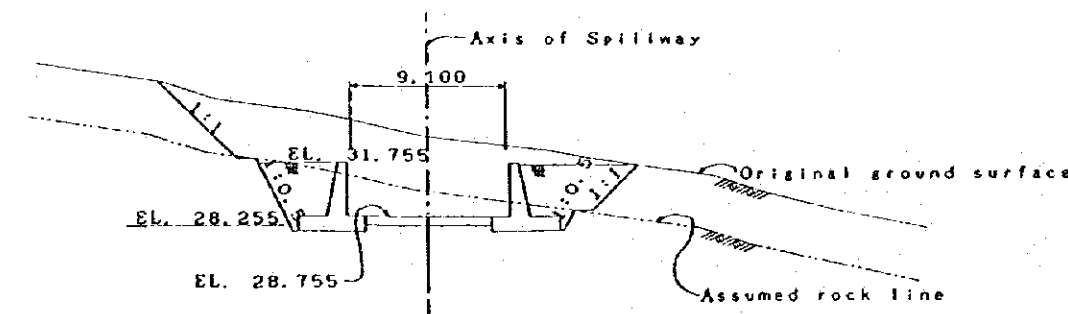
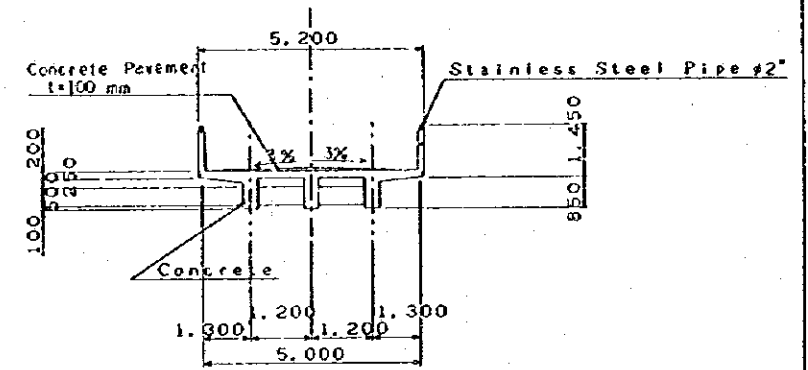
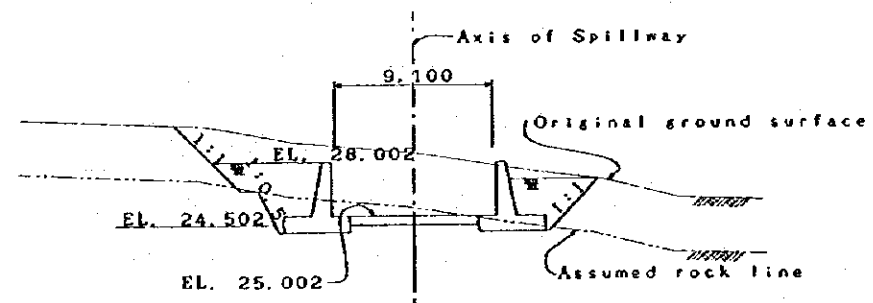
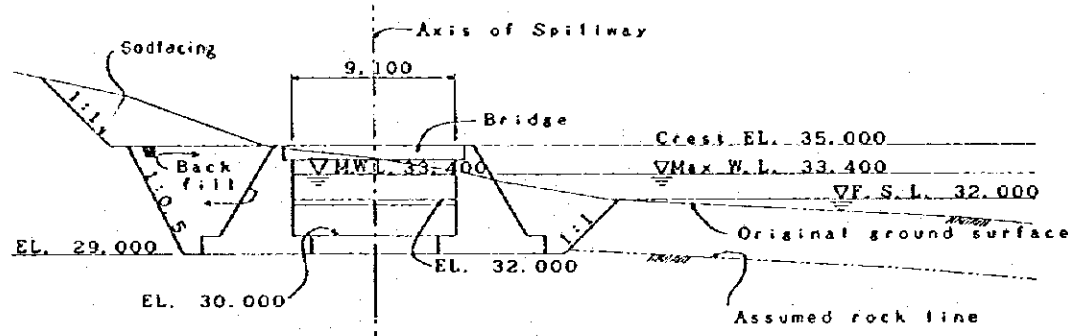
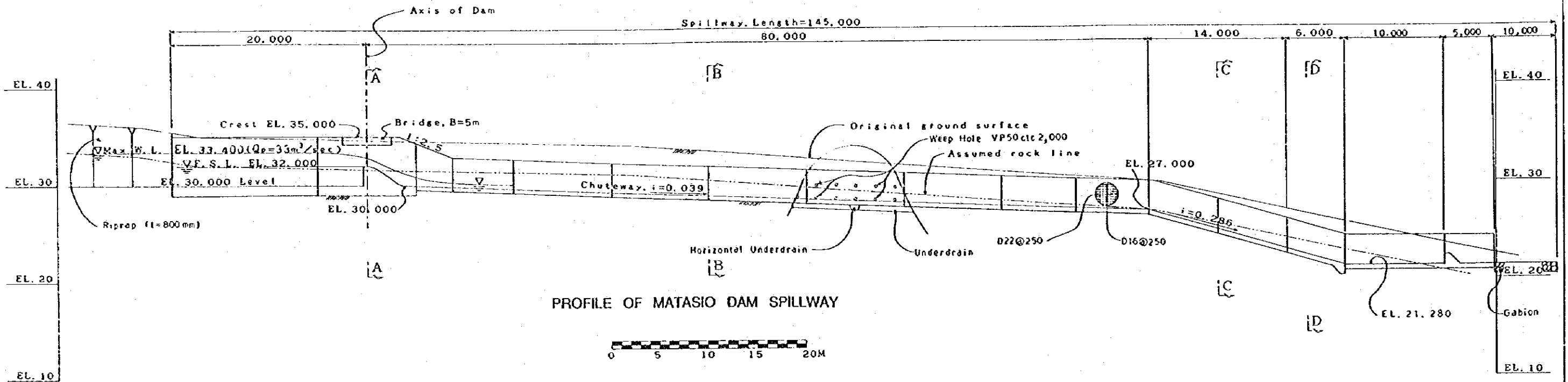
OEB-1 (2/2)

OEB-2

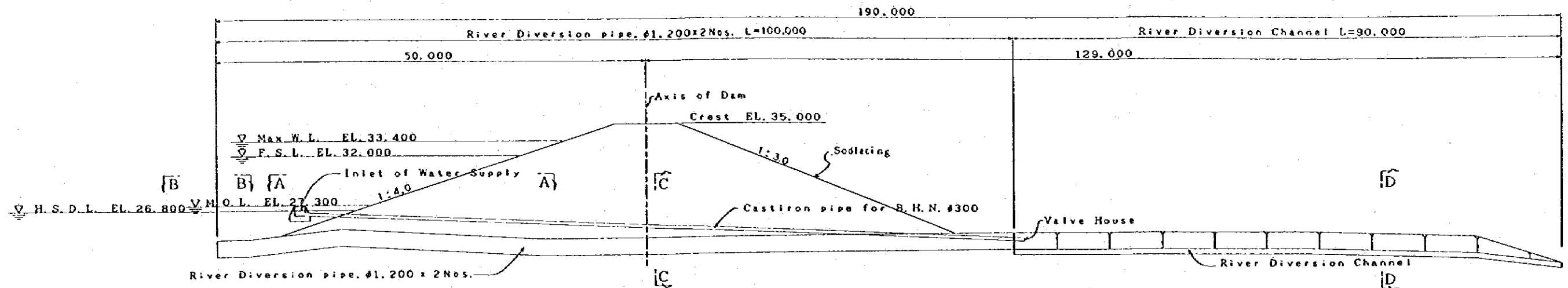
THE REPUBLIC OF INDONESIA		
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGOARA		
TITLE OF DRAWING OEBUAIN SCHEME PROFILE OF PIPELINE (2/2)		
Date	Drawing No.	4007
JAPAN INTERNATIONAL COOPERATION AGENCY		



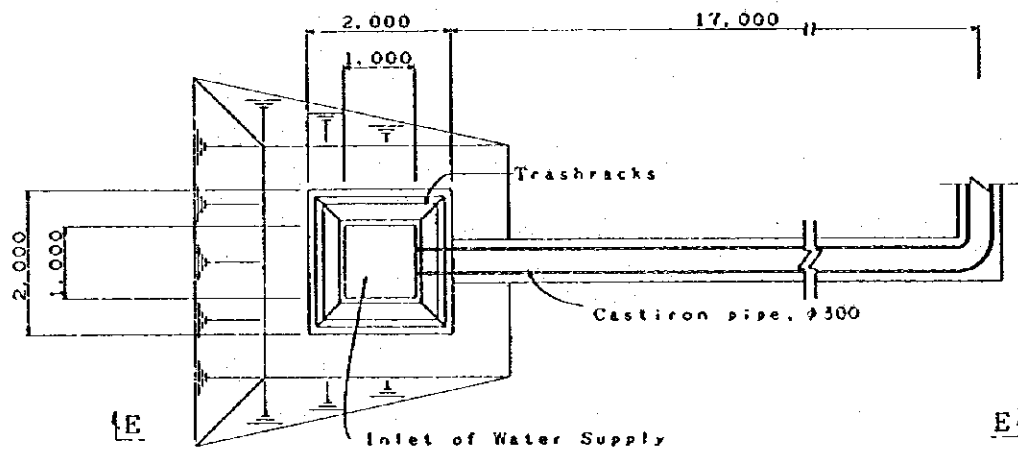
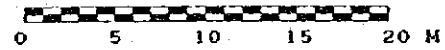
THE REPUBLIC OF INDONESIA	
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA	
TITLE OF DRAWING MATASIO SCHEME PLAN AND SECTION OF RESERVOIR	
Date	Drawing No. 5001
JAPAN INTERNATIONAL COOPERATION AGENCY	



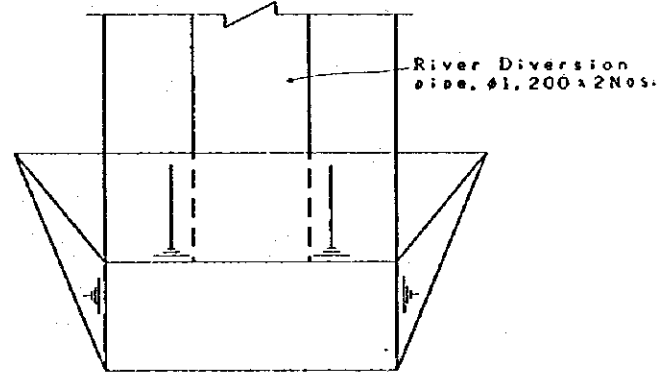
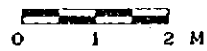
THE REPUBLIC OF INDONESIA		
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING MATASIO SCHEME		
PROFILE AND SECTION OF SPILLWAY		
Date	Drawing No.	5002
JAPAN INTERNATIONAL COOPERATION AGENCY		



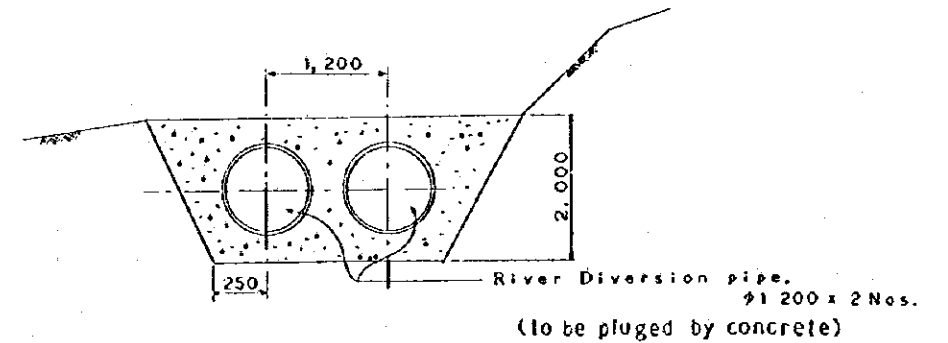
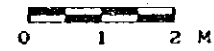
SECTION OF MATASIO DAM OUTLET WORKS



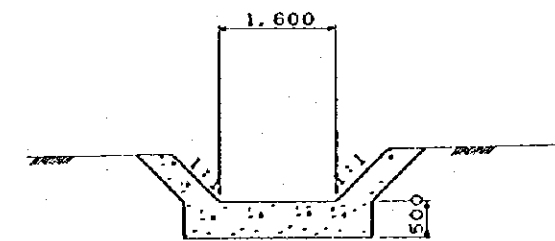
SECTION A - A



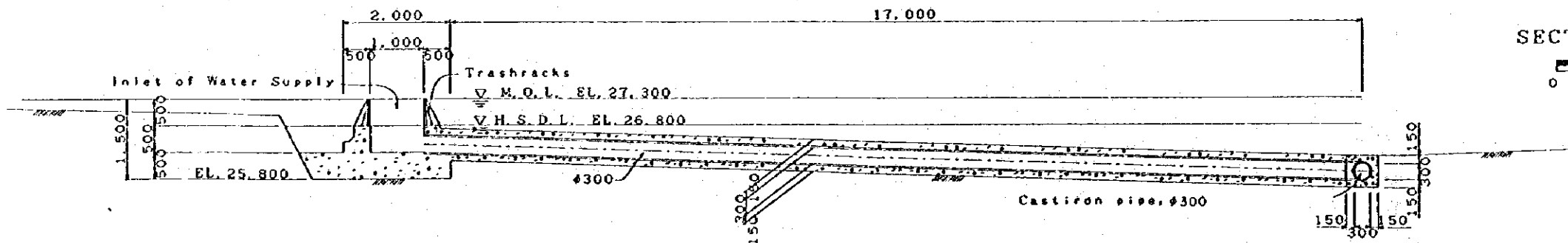
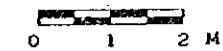
SECTION B - B



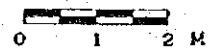
SECTION C - C



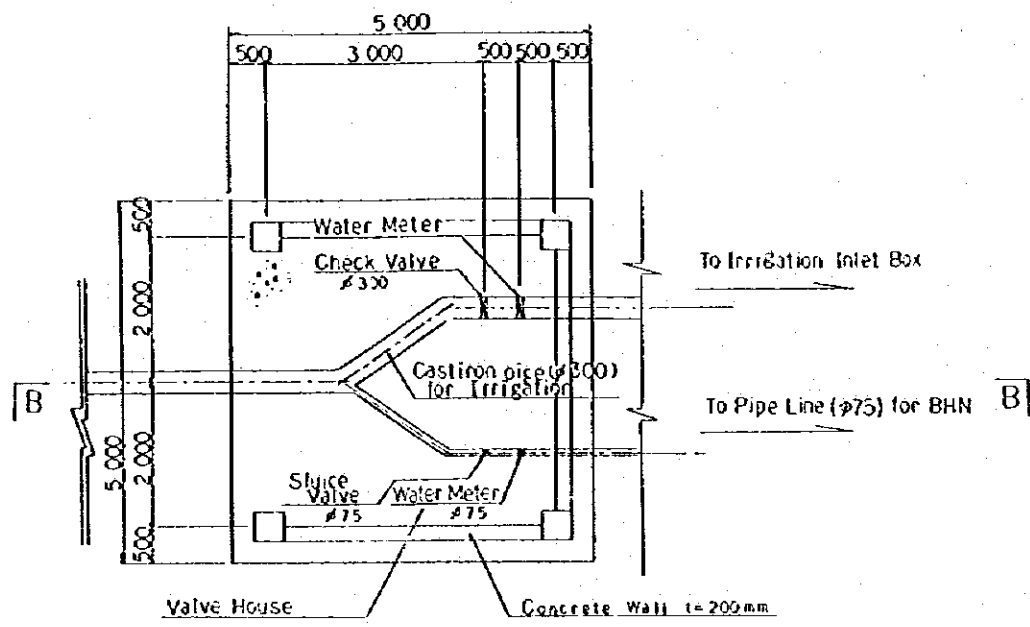
SECTION D - D



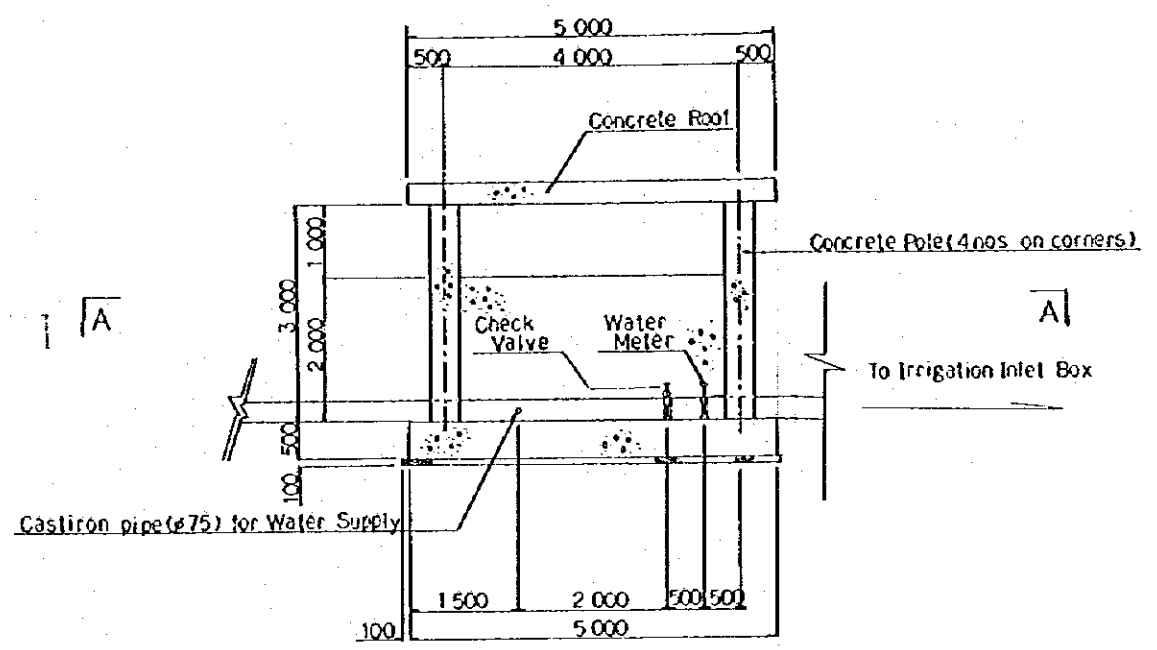
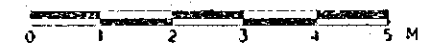
SECTION E - E



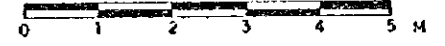
THE REPUBLIC OF INDONESIA		
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING MATASIO SCHEME PLAN AND PROFILE OF INTAKE		
Date	Drawing No.	5003
JAPAN INTERNATIONAL COOPERATION AGENCY		



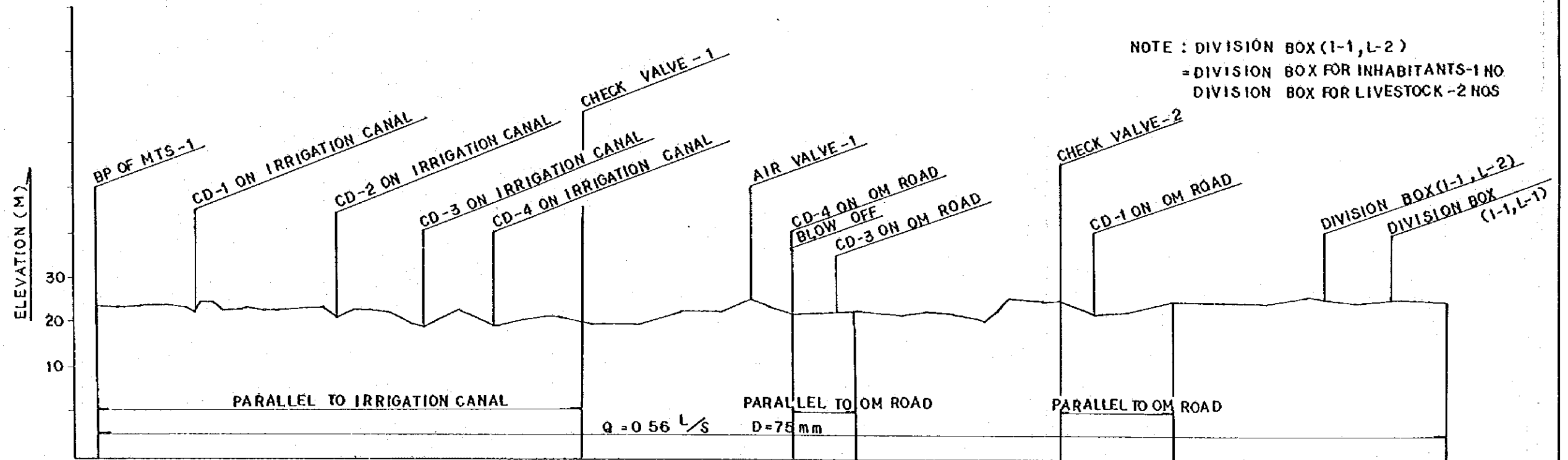
PROFILE OF MATASIO DAM VALVE HOUSE



LONGITUDINAL SECTION OF VALVE HOUSE

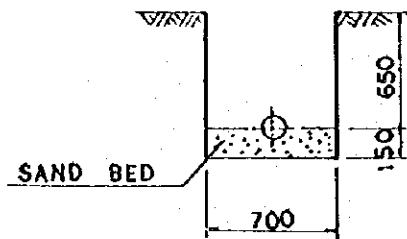


THE REPUBLIC OF INDONESIA			
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING		MATASIO SCHEME	
PLAN AND PROFILE OF VALVE HOUSE			
Date	Drawing No.	5004	
JAPAN INTERNATIONAL COOPERATION AGENCY			



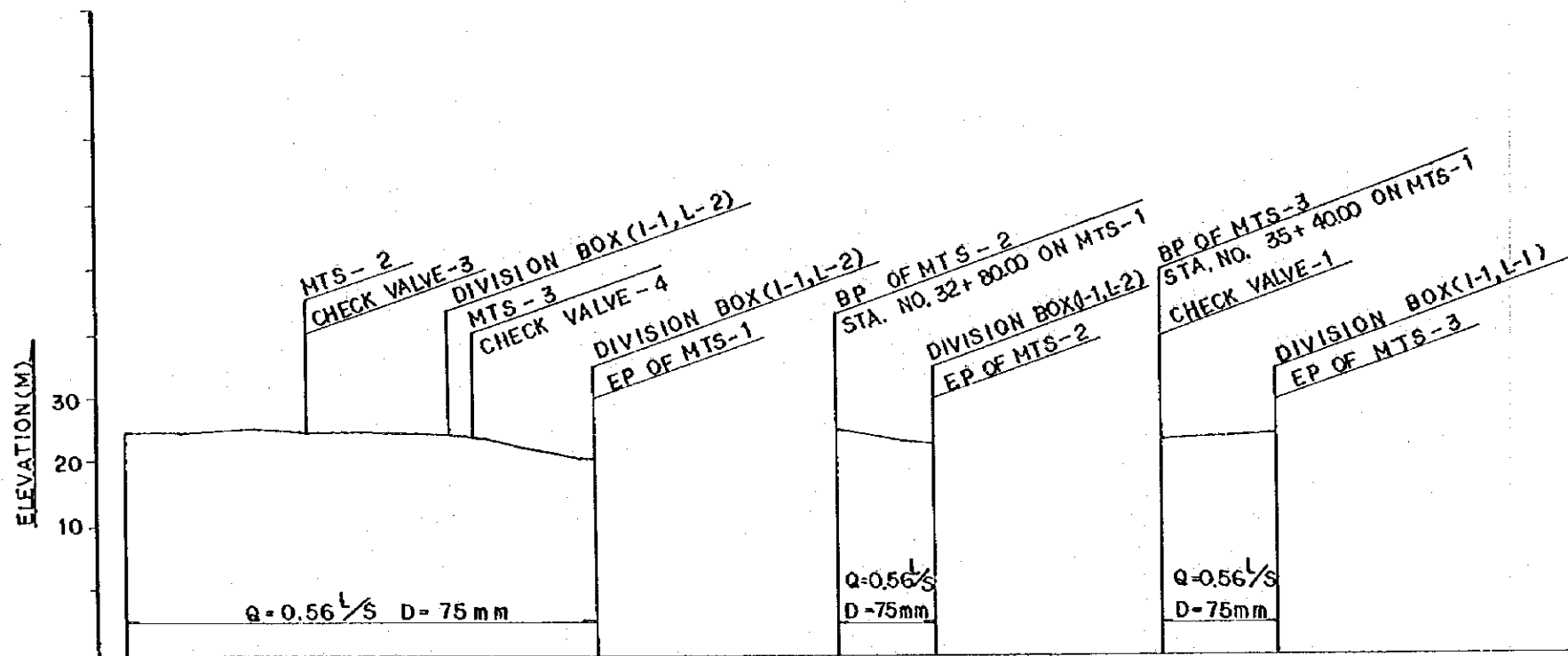
NOTE : DIVISION BOX (1-1, L-2)
 = DIVISION BOX FOR INHABITANTS-1 NO
 DIVISION BOX FOR LIVESTOCK -2 NOS

GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION NO.
23.10	0	0	0
23.10	50.00	50.00	+50.00
23.40	100.00	50.00	NO.1
23.70	150.00	50.00	+50.00
23.70	200.00	50.00	NO.2
23.70	250.00	50.00	+50.00
23.70	300.00	50.00	NO.3
23.70	350.00	50.00	+50.00
23.70	400.00	50.00	NO.4
23.70	450.00	50.00	+50.00
22.60	500.00	100.00	NO.5
20.30	536.00	36.00	+36.00
22.00	570.00	34.00	NO.6
22.00	600.00	30.00	+50.00
21.80	650.00	50.00	NO.7
19.00	709.00	59.00	+19.00
18.20	719.00	10.00	NO.8
22.50	800.00	81.00	+85.00
19.00	885.00	85.00	NO.9
20.00	950.00	65.00	+50.00
21.00	1000.00	50.00	NO.10
20.50	1020.00	20.00	+20.00
19.00	1070.00	50.00	NO.11
19.00	1100.00	30.00	+70.00
19.00	1200.00	100.00	NO.12
22.00	1300.00	100.00	NO.13
22.00	1400.00	100.00	NO.14
25.00	1450.00	50.00	+50.00
23.00	1500.00	50.00	NO.15
21.60	1550.00	50.00	+50.00
21.70	1600.00	50.00	NO.16
21.80	1650.00	50.00	+50.00
22.60	1700.00	50.00	NO.17
21.50	1800.00	100.00	NO.18
22.40	1850.00	50.00	+50.00
21.50	1900.00	50.00	NO.19
20.00	1970.00	70.00	+70.00
23.00	2000.00	30.00	NO.20
25.10	2020.00	20.00	+20.00
24.50	2100.00	80.00	NO.21
24.60	2150.00	50.00	+50.00
22.00	2200.00	50.00	NO.22
21.30	2220.00	20.00	+20.00
22.50	2300.00	80.00	NO.23
25.00	2400.00	100.00	NO.24
24.00	2500.00	100.00	NO.25
24.30	2600.00	100.00	NO.26
25.50	2700.00	100.00	NO.27
25.00	2740.00	40.00	+40.00
24.80	2800.00	60.00	NO.28
25.00	2870.00	70.00	+70.00
25.00	2900.00	30.00	NO.29
24.70	3000.00	100.00	NO.30



MTS-1 (1/2)

THE REPUBLIC OF INDONESIA			
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGOARA			
TITLE OF DRAWING MATASIO SCHEME PROFILE OF PIPELINE (1/2)			
Date		Drawing No.	5005
JAPAN INTERNATIONAL COOPERATION AGENCY			



GROUND SURFACE ELEVATION	24.70	24.80	25.00	24.60	24.40	23.60	23.20	20.50	20.40	24.60	23.00	22.40	23.60	23.70	24.20
REDUCED DISTANCE	3 000.00	3 100.00	3 200.00	3 280.00	3 300.00	3 370.00	3 400.00	3 500.00	3 540.00	3 600.00	3 700.00	3 720.00	0	100.00	150.00
DISTANCE	100.00	100.00	100.00	80.00	20.00	70.00	30.00	100.00	40.00	60.00	100.00	20.00	0	100.00	70.00
STATION NO.	NO. 30	NO. 31	NO. 32	+80.00 NO. 36	+70.00 NO. 34	NO. 35 +40.00	NO. 36	NO. 37 +20.00		NO. 0	NO. 1 +50.00		NO. 0	NO. 1	+70.00

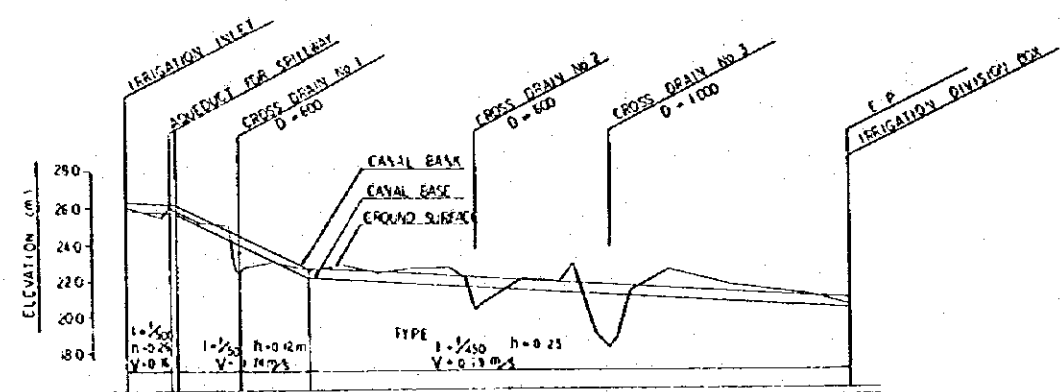
MTS - 1 (2/2)

MTS - 2

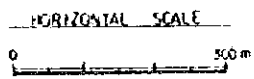
MTS - 3

THE REPUBLIC OF INDONESIA		
THE EMBUNO DEVELOPMENT PROJECT IN EAST NUSA TENGGARA		
TITLE OF DRAWING MATASIO SCHEME PROFILE OF PIPELINE(2/2)		
Date	Drawing No.	5006
JAPAN INTERNATIONAL COOPERATION AGENCY		

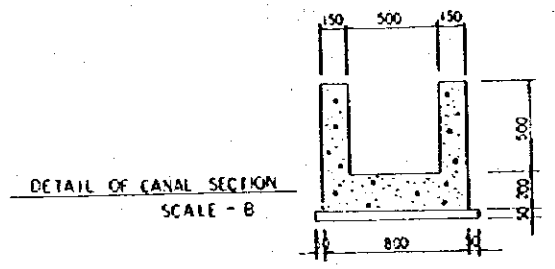
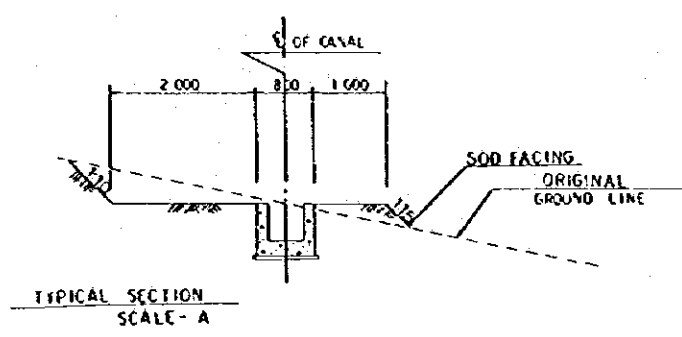
CANAL PROFILE



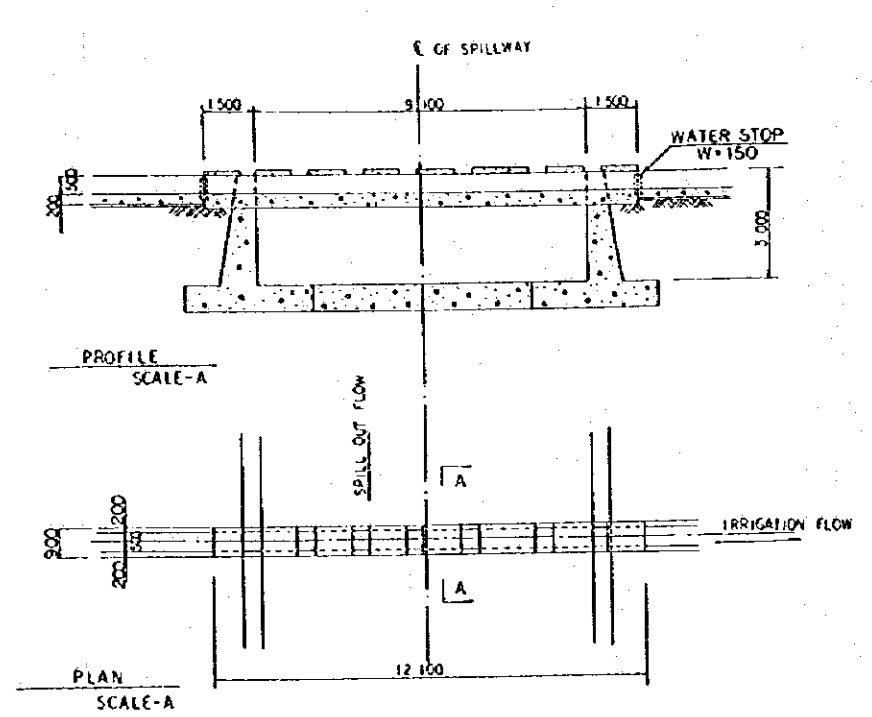
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
CANAL BANK ELEVATION	25.00	24.93	24.86	24.79	24.72	24.65	24.58	24.51	24.44	24.37	24.30	24.23	24.16	24.09	24.02	23.95	23.88	23.81	23.74	23.67	23.60	23.53	23.46	23.39	23.32	23.25	23.18	
CANAL BASE ELEVATION	23.74	23.67	23.60	23.53	23.46	23.39	23.32	23.25	23.18	23.11	23.04	22.97	22.90	22.83	22.76	22.69	22.62	22.55	22.48	22.41	22.34	22.27	22.20	22.13	22.06	21.99	21.92	21.85
GROUND SURFACE ELEVATION	25.00	24.93	24.86	24.79	24.72	24.65	24.58	24.51	24.44	24.37	24.30	24.23	24.16	24.09	24.02	23.95	23.88	23.81	23.74	23.67	23.60	23.53	23.46	23.39	23.32	23.25	23.18	23.11
REDUCED DISTANCE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270
DISTANCE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00	250.00	260.00	270.00
STATION No	0+00	0+10	0+20	0+30	0+40	0+50	0+60	0+70	0+80	0+90	0+100	0+110	0+120	0+130	0+140	0+150	0+160	0+170	0+180	0+190	0+200	0+210	0+220	0+230	0+240	0+250	0+260	0+270



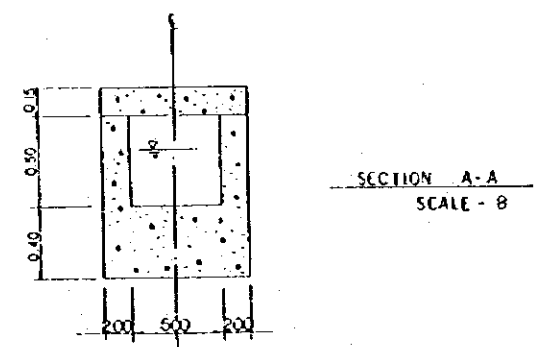
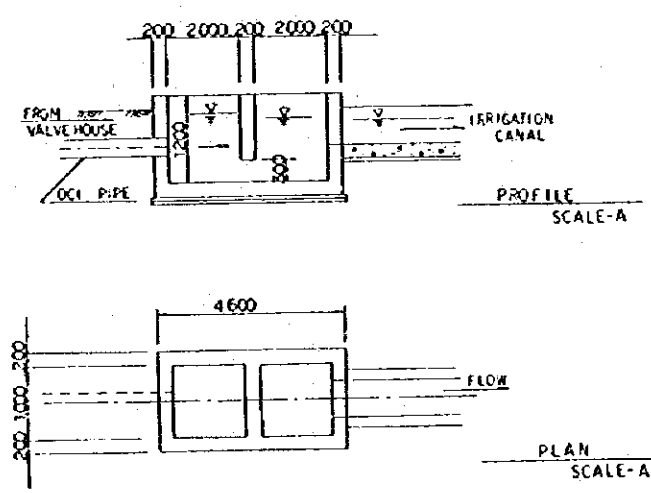
CANAL SECTION



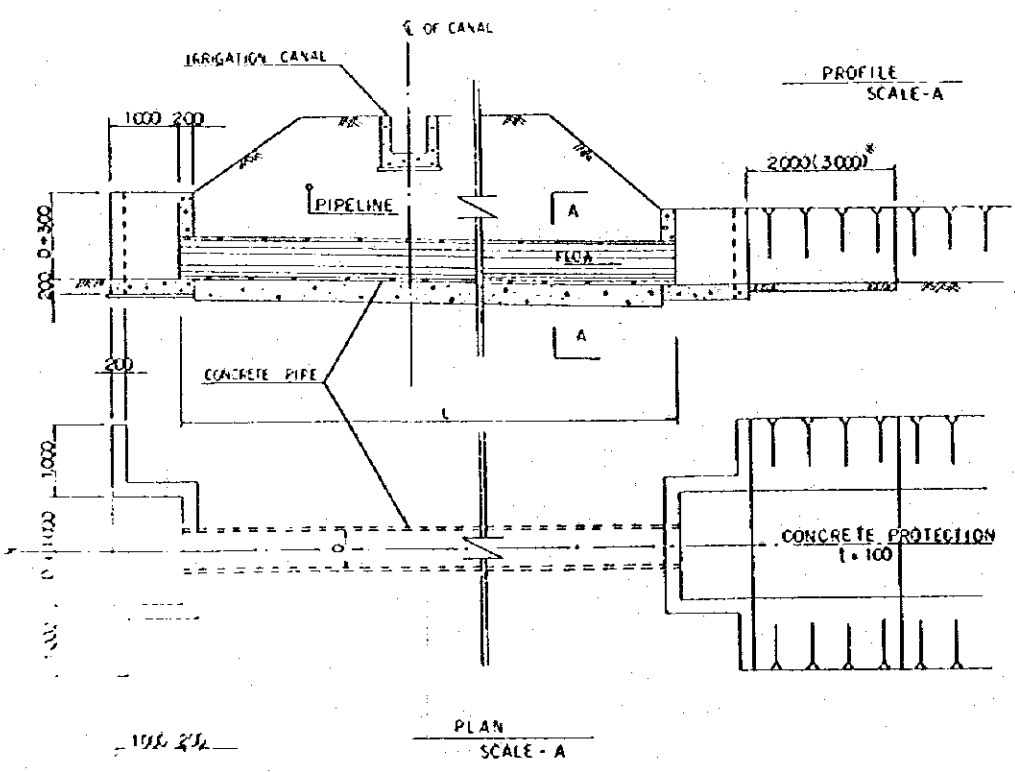
AQUE DUCT



IRRIGATION INLET

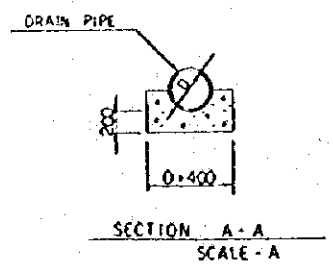


CROSS DRAIN

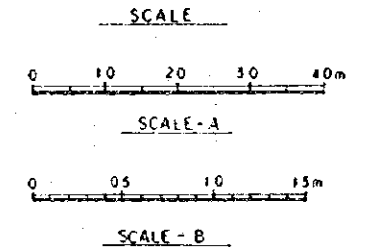
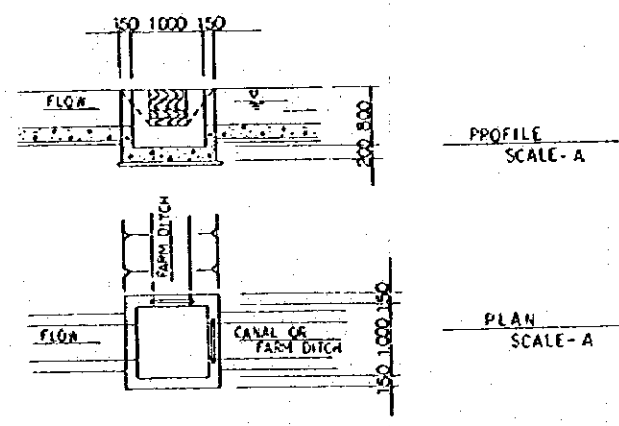


Ø 0.600 L= 2000
Ø 1.000 L= 3000

CD. NO	L (m)
CD - 1	8.00
CD - 2	7.00
CD - 3	10.00



IRRIGATION DIVISION BOX

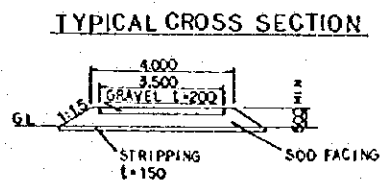
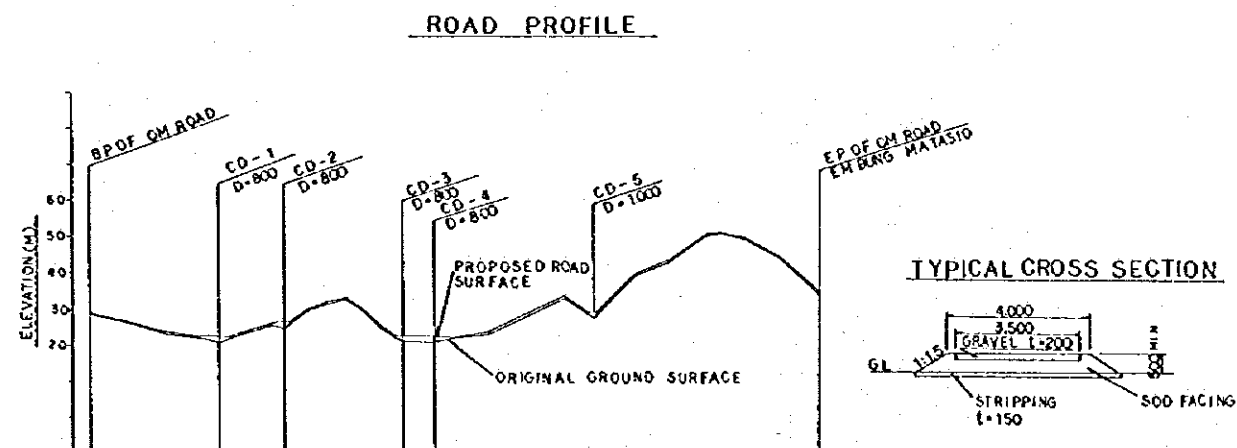


THE REPUBLIC OF INDONESIA
THE EMBUNO DEVELOPMENT PROJECT
IN EAST NUSA TENGGARA

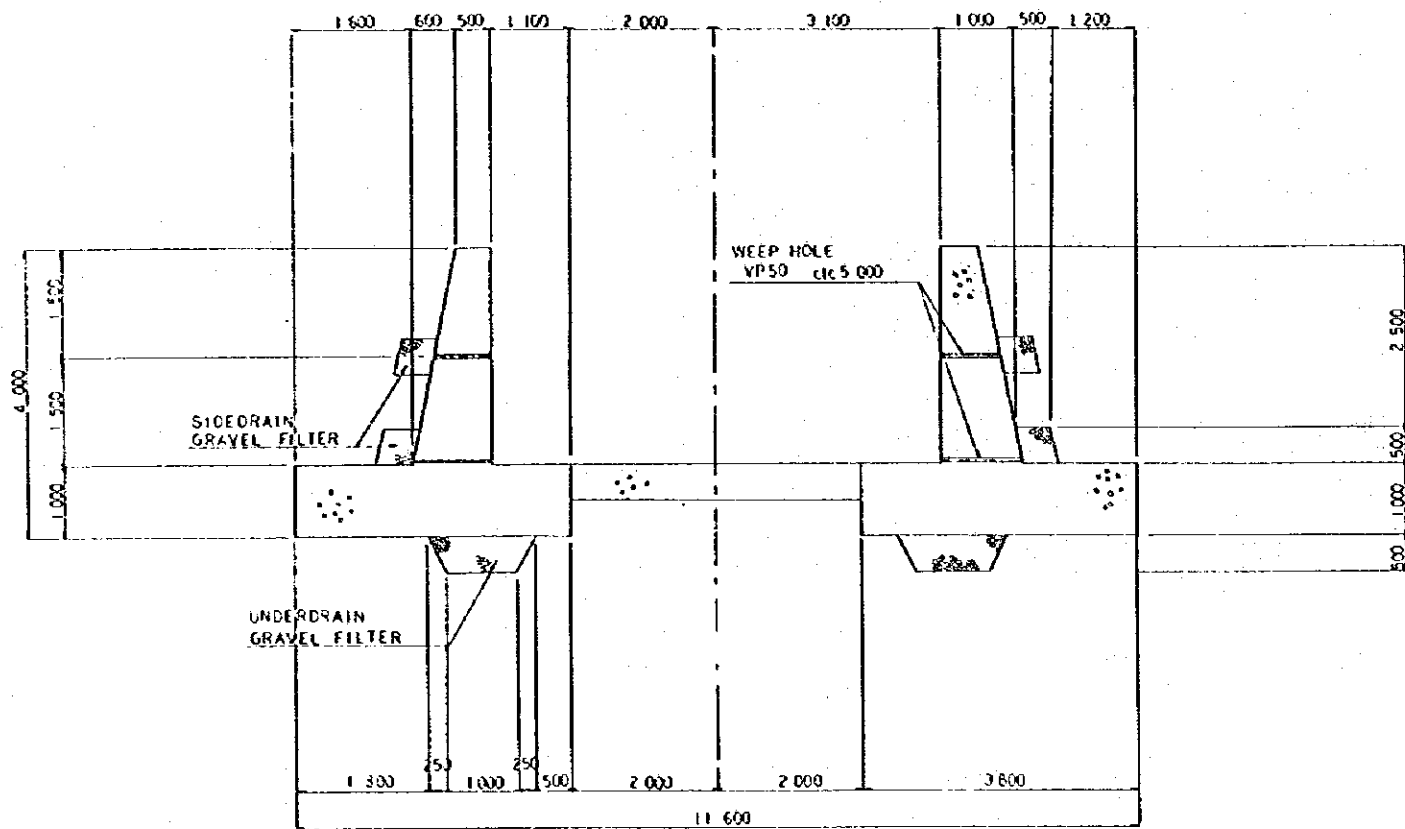
TITLE OF DRAWING: MATASIO SCHEME
CANAL PROFILE AND RELATED STRUCTURES

Date: _____ Drawing No. 5007

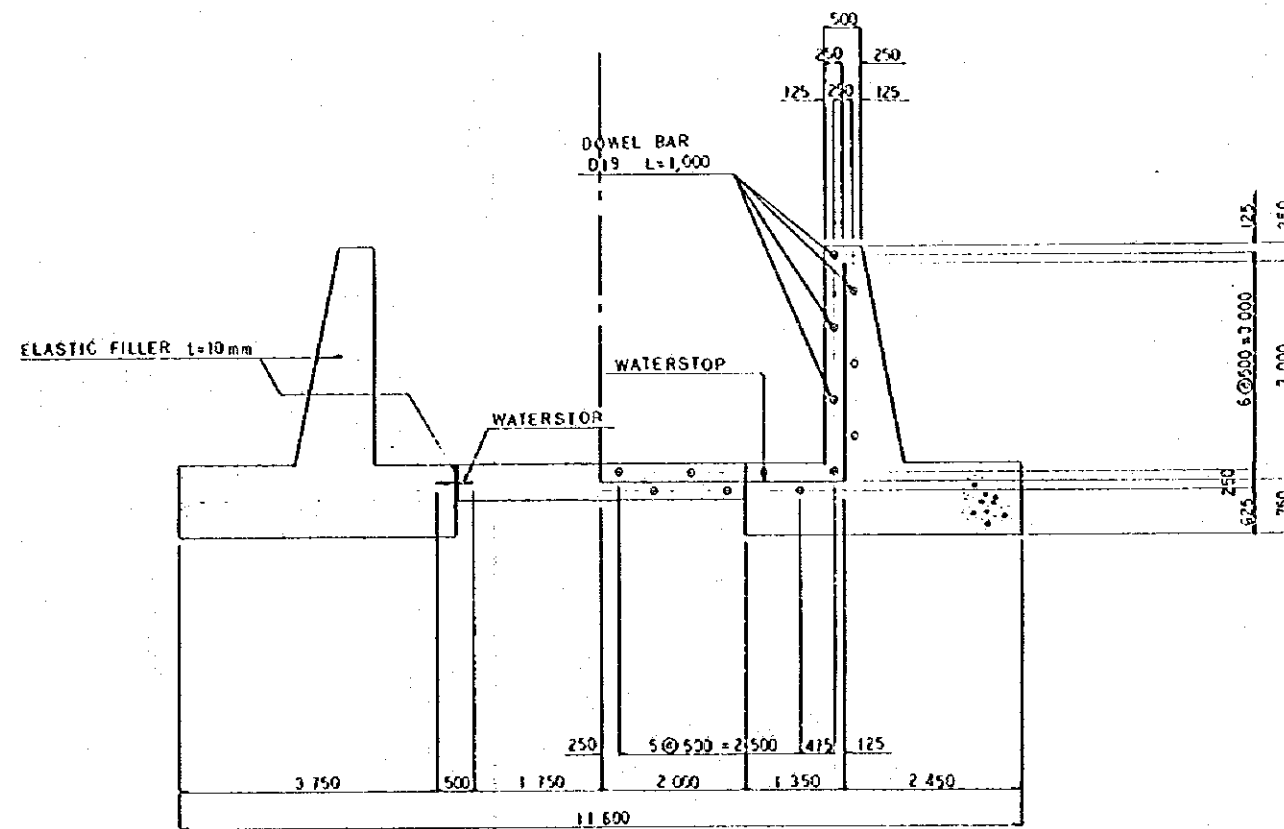
JAPAN INTERNATIONAL COOPERATION AGENCY



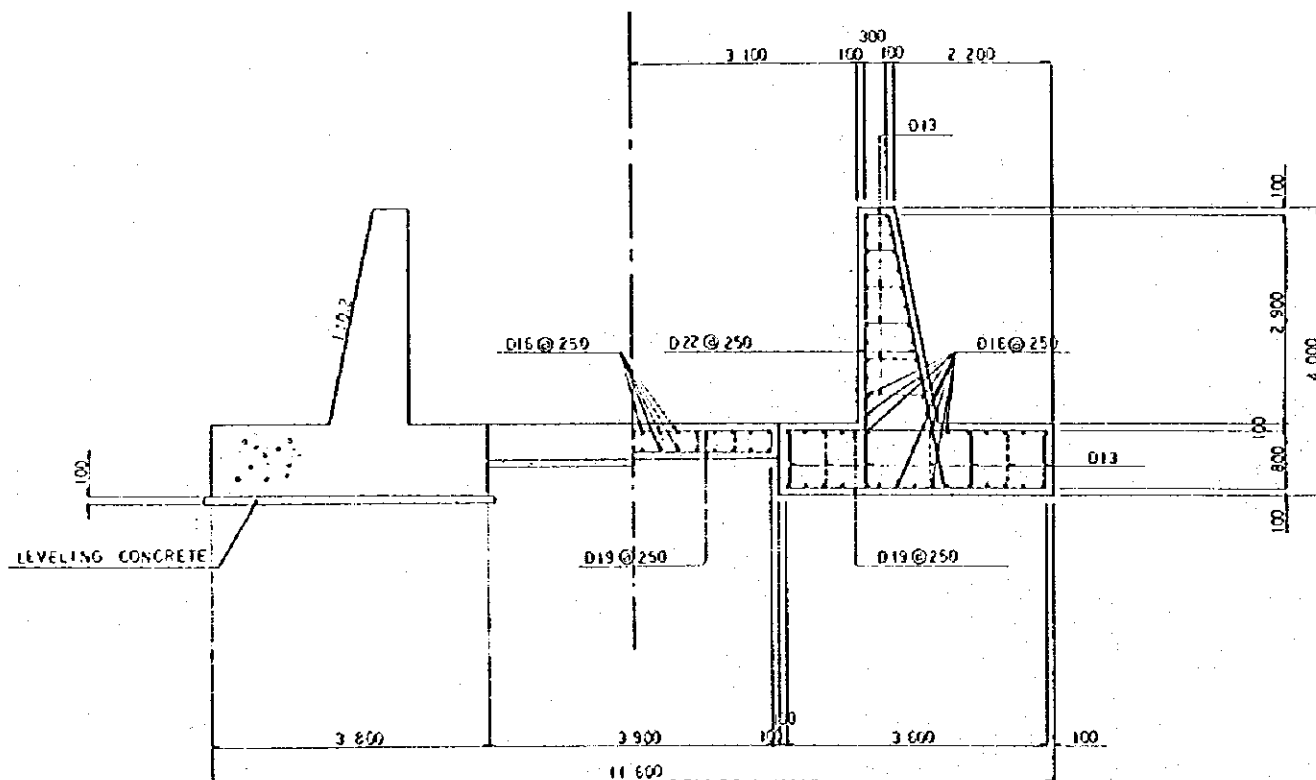
PROPOSED ROAD ELEVATION	GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION NO.
28.56	28.00	0	0	NO. 0
26.70	26.70	100.00	100.00	NO. 1
24.50	23.50	200.00	300.00	NO. 2
22.60	22.30	300.00	400.00	NO. 3
22.60	21.30	350.00	450.00	NO. 4
23.50	23.00	400.00	500.00	NO. 5
24.50	24.00	450.00	550.00	NO. 6
26.00	25.00	500.00	600.00	NO. 7
27.00	26.00	550.00	650.00	NO. 8
28.00	27.00	600.00	700.00	NO. 9
29.00	28.00	650.00	750.00	NO. 10
30.00	29.00	700.00	800.00	NO. 11
31.00	30.00	750.00	850.00	NO. 12
32.00	31.00	800.00	900.00	NO. 13
33.00	32.00	850.00	950.00	NO. 14
34.00	33.00	900.00	1000.00	NO. 15
35.00	34.00	950.00	1050.00	NO. 16
36.00	35.00	1000.00	1100.00	NO. 17
37.00	36.00	1050.00	1150.00	NO. 18
38.00	37.00	1100.00	1200.00	NO. 19
39.00	38.00	1150.00	1250.00	NO. 20
40.00	39.00	1200.00	1300.00	NO. 21
41.00	40.00	1250.00	1350.00	NO. 22
42.00	41.00	1300.00	1400.00	NO. 23
43.00	42.00	1350.00	1450.00	NO. 24
44.00	43.00	1400.00	1500.00	NO. 25
45.00	44.00	1450.00	1550.00	NO. 26
46.00	45.00	1500.00	1600.00	NO. 27
47.00	46.00	1550.00	1650.00	NO. 28
48.00	47.00	1600.00	1700.00	NO. 29
49.00	48.00	1650.00	1750.00	NO. 30
50.00	49.00	1700.00	1800.00	NO. 31
51.00	50.00	1750.00	1850.00	NO. 32
52.00	51.00	1800.00	1900.00	NO. 33
53.00	52.00	1850.00	1950.00	NO. 34
54.00	53.00	1900.00	2000.00	NO. 35
55.00	54.00	1950.00	2050.00	NO. 36
56.00	55.00	2000.00	2100.00	NO. 37
57.00	56.00	2050.00	2150.00	NO. 38
58.00	57.00	2100.00	2200.00	NO. 39
59.00	58.00	2150.00	2250.00	NO. 40
60.00	59.00	2200.00	2300.00	NO. 41
61.00	60.00	2250.00	2350.00	NO. 42
62.00	61.00	2300.00	2400.00	NO. 43
63.00	62.00	2350.00	2450.00	NO. 44
64.00	63.00	2400.00	2500.00	NO. 45
65.00	64.00	2450.00	2550.00	NO. 46
66.00	65.00	2500.00	2600.00	NO. 47
67.00	66.00	2550.00	2650.00	NO. 48
68.00	67.00	2600.00	2700.00	NO. 49
69.00	68.00	2650.00	2750.00	NO. 50
70.00	69.00	2700.00	2800.00	NO. 51
71.00	70.00	2750.00	2850.00	NO. 52
72.00	71.00	2800.00	2900.00	NO. 53
73.00	72.00	2850.00	2950.00	NO. 54
74.00	73.00	2900.00	3000.00	NO. 55
75.00	74.00	2950.00	3050.00	NO. 56
76.00	75.00	3000.00	3100.00	NO. 57
77.00	76.00	3050.00	3150.00	NO. 58
78.00	77.00	3100.00	3200.00	NO. 59
79.00	78.00	3150.00	3250.00	NO. 60
80.00	79.00	3200.00	3300.00	NO. 61
81.00	80.00	3250.00	3350.00	NO. 62
82.00	81.00	3300.00	3400.00	NO. 63
83.00	82.00	3350.00	3450.00	NO. 64
84.00	83.00	3400.00	3500.00	NO. 65
85.00	84.00	3450.00	3550.00	NO. 66
86.00	85.00	3500.00	3600.00	NO. 67
87.00	86.00	3550.00	3650.00	NO. 68
88.00	87.00	3600.00	3700.00	NO. 69
89.00	88.00	3650.00	3750.00	NO. 70
90.00	89.00	3700.00	3800.00	NO. 71
91.00	90.00	3750.00	3850.00	NO. 72
92.00	91.00	3800.00	3900.00	NO. 73
93.00	92.00	3850.00	3950.00	NO. 74
94.00	93.00	3900.00	4000.00	NO. 75
95.00	94.00	3950.00	4050.00	NO. 76
96.00	95.00	4000.00	4100.00	NO. 77
97.00	96.00	4050.00	4150.00	NO. 78
98.00	97.00	4100.00	4200.00	NO. 79
99.00	98.00	4150.00	4250.00	NO. 80
100.00	99.00	4200.00	4300.00	NO. 81
101.00	100.00	4250.00	4350.00	NO. 82
102.00	101.00	4300.00	4400.00	NO. 83
103.00	102.00	4350.00	4450.00	NO. 84
104.00	103.00	4400.00	4500.00	NO. 85
105.00	104.00	4450.00	4550.00	NO. 86
106.00	105.00	4500.00	4600.00	NO. 87
107.00	106.00	4550.00	4650.00	NO. 88
108.00	107.00	4600.00	4700.00	NO. 89
109.00	108.00	4650.00	4750.00	NO. 90
110.00	109.00	4700.00	4800.00	NO. 91
111.00	110.00	4750.00	4850.00	NO. 92
112.00	111.00	4800.00	4900.00	NO. 93
113.00	112.00	4850.00	4950.00	NO. 94
114.00	113.00	4900.00	5000.00	NO. 95
115.00	114.00	4950.00	5050.00	NO. 96
116.00	115.00	5000.00	5100.00	NO. 97
117.00	116.00	5050.00	5150.00	NO. 98
118.00	117.00	5100.00	5200.00	NO. 99
119.00	118.00	5150.00	5250.00	NO. 100
120.00	119.00	5200.00	5300.00	NO. 101
121.00	120.00	5250.00	5350.00	NO. 102
122.00	121.00	5300.00	5400.00	NO. 103
123.00	122.00	5350.00	5450.00	NO. 104
124.00	123.00	5400.00	5500.00	NO. 105
125.00	124.00	5450.00	5550.00	NO. 106
126.00	125.00	5500.00	5600.00	NO. 107
127.00	126.00	5550.00	5650.00	NO. 108
128.00	127.00	5600.00	5700.00	NO. 109
129.00	128.00	5650.00	5750.00	NO. 110
130.00	129.00	5700.00	5800.00	NO. 111
131.00	130.00	5750.00	5850.00	NO. 112
132.00	131.00	5800.00	5900.00	NO. 113
133.00	132.00	5850.00	5950.00	NO. 114
134.00	133.00	5900.00	6000.00	NO. 115
135.00	134.00	5950.00	6050.00	NO. 116
136.00	135.00	6000.00	6100.00	NO. 117
137.00	136.00	6050.00	6150.00	NO. 118
138.00	137.00	6100.00	6200.00	NO. 119
139.00	138.00	6150.00	6250.00	NO. 120
140.00	139.00	6200.00	6300.00	NO. 121
141.00	140.00	6250.00	6350.00	NO. 122
142.00	141.00	6300.00	6400.00	NO. 123
143.00	142.00	6350.00	6450.00	NO. 124
144.00	143.00	6400.00	6500.00	NO. 125
145.00	144.00	6450.00	6550.00	NO. 126
146.00	145.00	6500.00	6600.00	NO. 127
147.00	146.00	6550.00	6650.00	NO. 128
148.00	147.00	6600.00	6700.00	NO. 129
149.00	148.00	6650.00	6750.00	NO. 130
150.00	149.00	6700.00	6800.00	NO. 131
151.00	150.00	6750.00	6850.00	NO. 132
152.00	151.00	6800.00	6900.00	NO. 133
153.00	152.00	6850.00	6950.00	NO. 134
154.00	153.00	6900.00	7000.00	NO. 135
155.00	154.00	6950.00	7050.00	NO. 136
156.00	155.00	7000.00	7100.00	NO. 137
157.00	156.00	7050.00	7150.00	NO. 138
158.00	157.00	7100.00	7200.00	NO. 139
159.00	158.00	7150.00	7250.00	NO. 140
160.00	159.00	7200.00	7300.00	NO. 141
161.00	160.00	7250.00	7350.00	NO. 142
162.00	161.00	7300.00	7400.00	NO. 143
163.00	162.00	7350.00	7450.00	NO. 144
164.00	163.00	7400.00	7500.00	NO. 145
165.00	164.00	7450.00	7550.00	NO. 146
166.00	165.00	7500.00	7600.00	NO. 147
167.00	166.00	7550.00	7650.00	NO. 148
168.00	167.00	7600.00	7700.00	NO. 149
169.00	168.00	7650.00	7750.00	NO. 150
170.00	169.00	7700.00	7800.00	NO. 151
171.00	170.00	7750.00	7850.00	NO. 152
172.00	171.00	7800.00	7900.00	NO. 153
173.00	172.00	7850.00	7950.00	NO. 154
174.00	173.00	7900.00	8000.00	NO. 155
175.00	174.00	7950.00	8050.00	NO. 156
176.00	175.00	8000.00	8100.00	NO. 157
177.00	176.00	8050.00	8150.00	NO. 158
178.00	177.00	8100.00	8200.00	NO. 159
179.00	178.00	8150.00	8250.00	NO. 160
180.00	179.00	8200.00	8300.00	NO. 161
181.00	180.00	8250.00	8350.00	NO. 162
182.00	181.00	8300.00	8400.00	NO. 163
183.00	182.00	8350.00	8450.00	NO. 164
184.00	183.00	8400.00	8500.00	NO. 165
185.00	184.00	8450.00	8550.00	NO. 166
186.00	185.00	8500.00	8600.00	NO. 167
187.00	186.00	8550.00	8650.00	NO. 168
188.00	187.00	8600.00	8700.00	NO. 169
189.00	188.00	8650.00	8750.00	NO. 170
190.00	189.00	8700.00	8800.00	NO. 171
191.00	190.00	8750.00	8850.00	NO. 172
192.00	191.00	8800.00	8900.00	NO. 173
193.00	192.00	8850.00	8950.00	NO. 174
194.00	193.00	8900.00	9000.00	NO. 175
195.00	194.00	8950.00	9050.00	NO. 176
196.00	195.00	9000.00	9100.00	NO. 177
197.00	196.00	9050.00	9150.00	NO. 178
198.00	197.00	9100.00	9200.00	NO. 179
199.00	198.00	9150.00	9250.00	NO. 180
200.00	199.00	9200.00	9300.00	NO. 181
201.00	200.00	9250.00	9350.00	NO. 182
202.00	201.00	9300.00	9400.00	NO. 183
203.00	202.00	9350.00	9450.00	NO. 184
204.00	203.00	9400.00	9500.00	NO. 185
205.00	204.00	9450.00	9550.00	NO. 186
206.00	205.00	9500.00	9600.00	NO. 187
207.00	206.00	9550.00	9650.00	NO. 188
208.00	207.00	9600.00	9700.00	NO. 189
209.00	208.00	9650.00	9750.00	NO. 190
210.00	209.00	9700.00	9800.00	NO. 191
211.00	210.00	9750.00	9850.00	NO. 192
212.00	211.00	9800.00	9900.00	NO. 193
213.00	212.00	9850.00	9950.00	NO. 194
214.00	213.00	9900.00	10000.00	NO. 195
215.00	214.00	9950.00	10050.00	NO. 196
216.00	215.00	10000.0		



DRAIN PLAN 1/50



JOINT PLAN 1/50

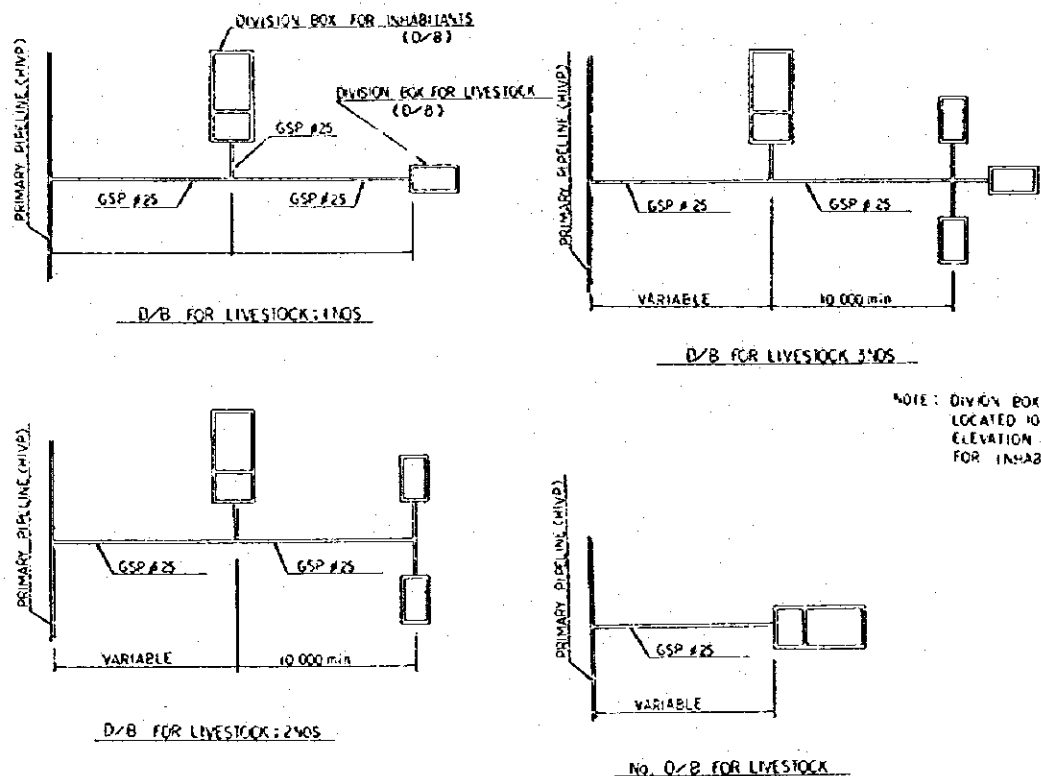


REINFORCEMENT BAR ARRANGEMENT 1/50

THE REPUBLIC OF INDONESIA			
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGGARA			
TITLE OF DRAWING		GENERAL	
TYPICAL RELATED STRUCTURES OF RESERVOIR (2/2)			
Date	Drawing No.	6002	
JAPAN INTERNATIONAL COOPERATION AGENCY			

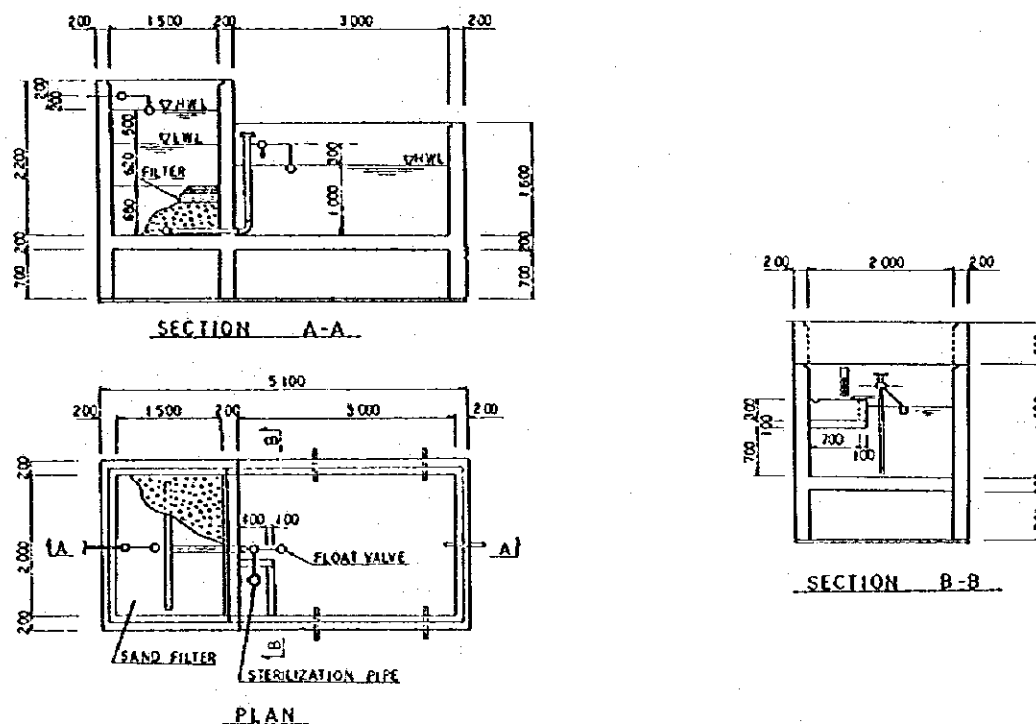
TYPICAL ARRANGEMENT OF DIVISION BOXES FOR INHABITANTS AND LIVESTOCK

SCALE - A

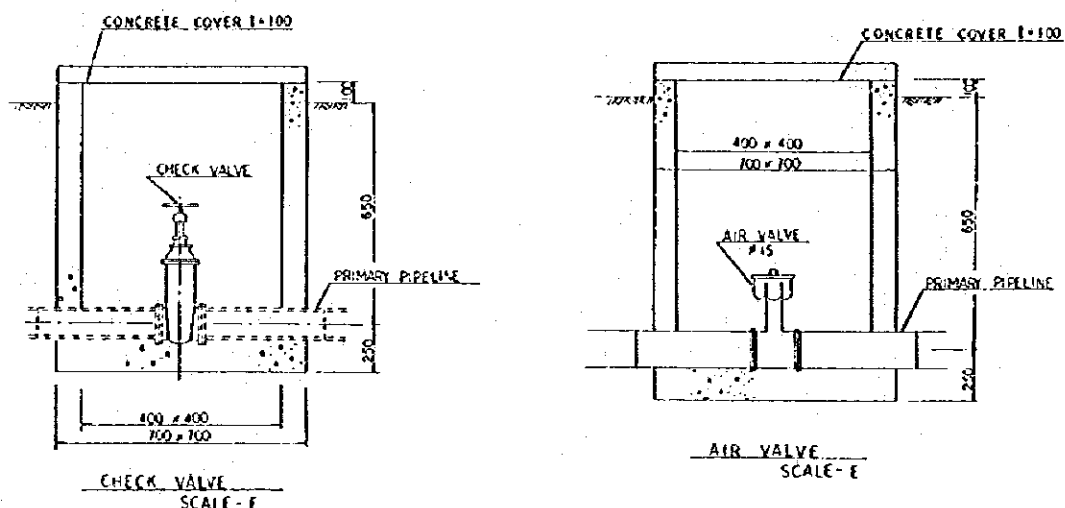


DIVISION BOX FOR INHABITANTS

SCALE - B

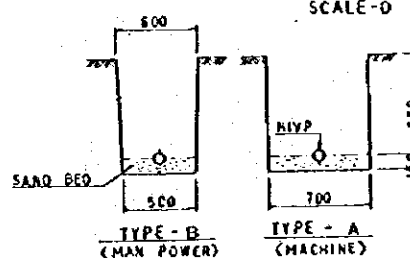


RELATED FACILITIES

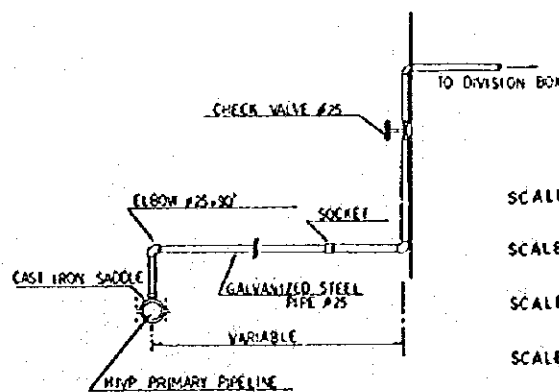


TYPICAL EXCAVATION OF PIPELINE

SCALE - D

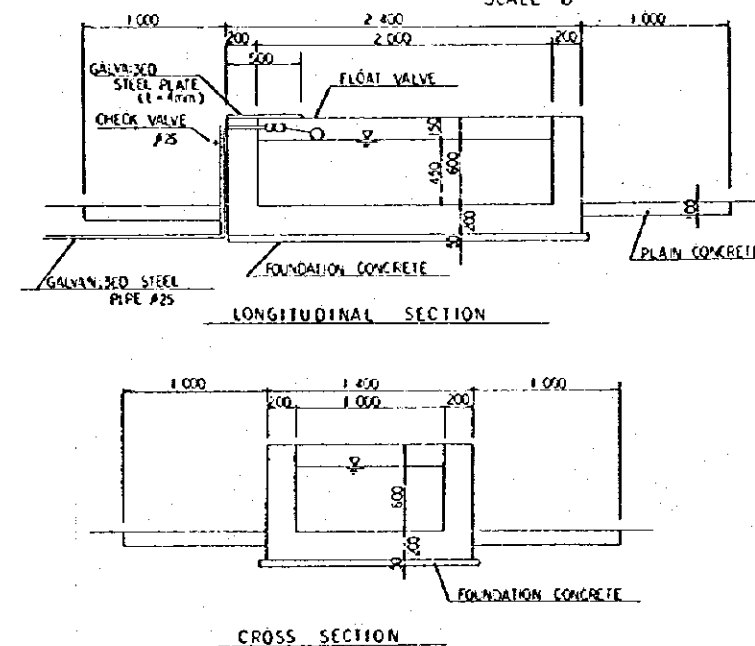


TYPICAL ARRANGEMENT OF INCOMING LINE

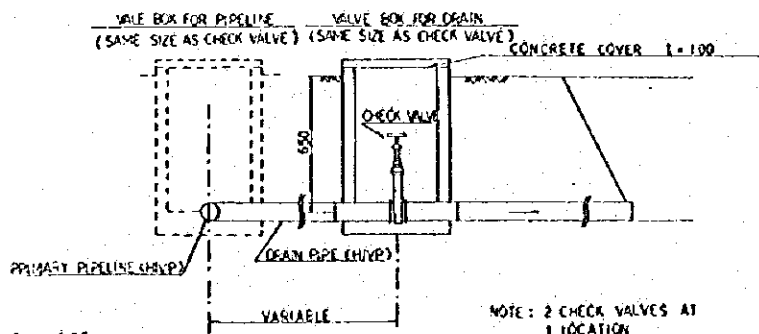


DIVISION BOX FOR LIVESTOCK

SCALE - D



BLOW OFF SCALE - C



- SCALE - A : 0 5 10m
- SCALE - B : 0 1 2 3m
- SCALE - C : 0 1 2 3m
- SCALE - D : 0 1 2 3m
- SCALE - E : 0 1m

THE REPUBLIC OF INDONESIA		
THE EMBUNG DEVELOPMENT PROJECT IN EAST NUSA TENGOARA		
TITLE OF DRAWING		GENERAL
TYPICAL RELATED STRUCTURES OF PIPELINE		
Date	Drawing No.	6003
JAPAN INTERNATIONAL COOPERATION AGENCY		

JICA