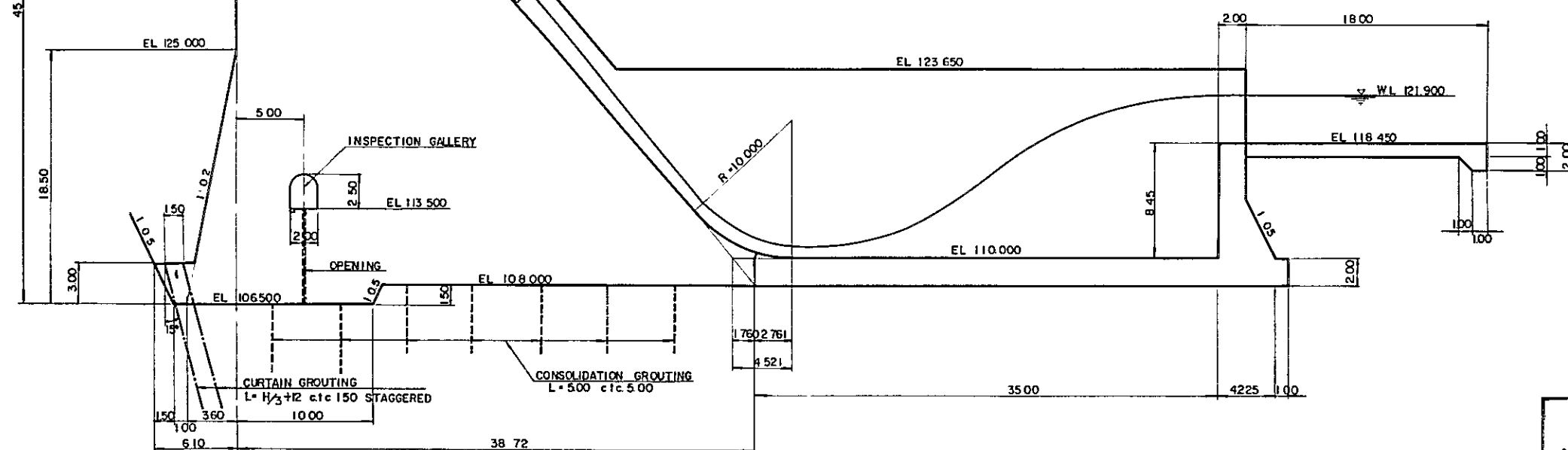
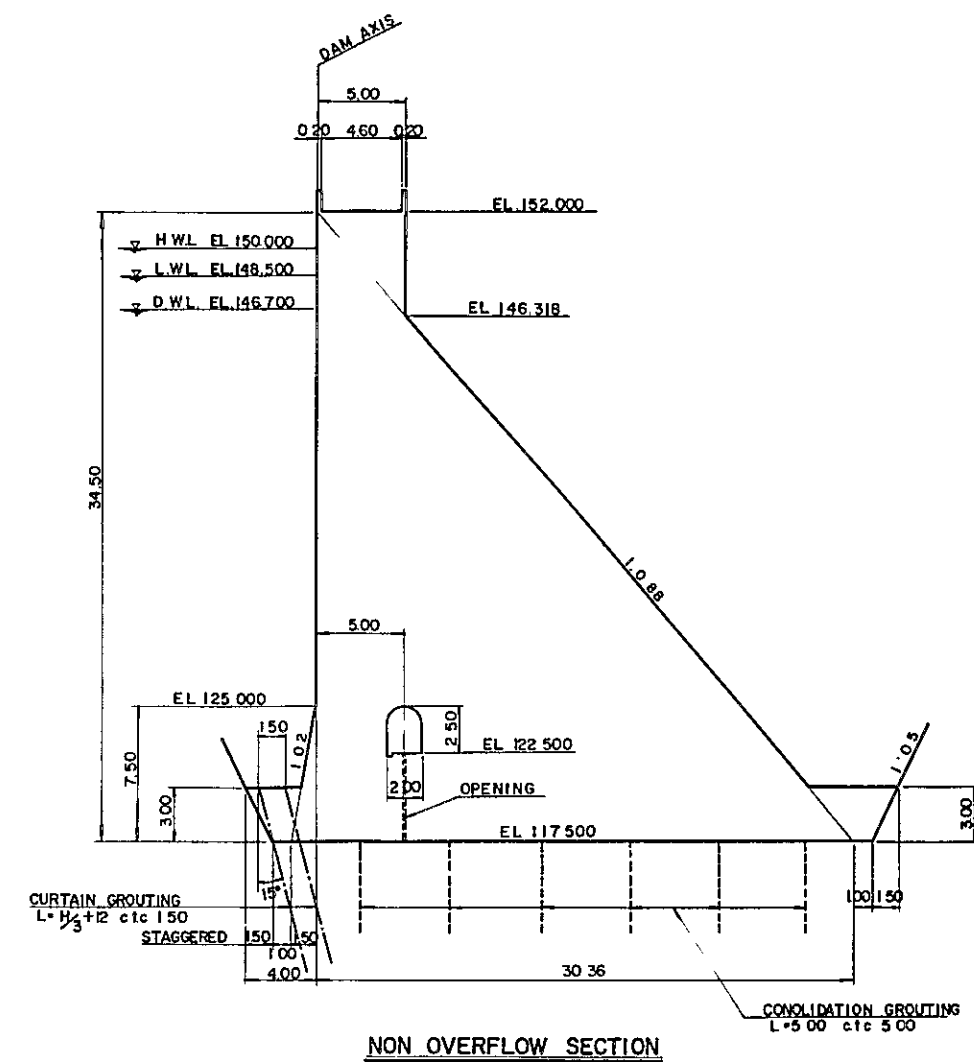
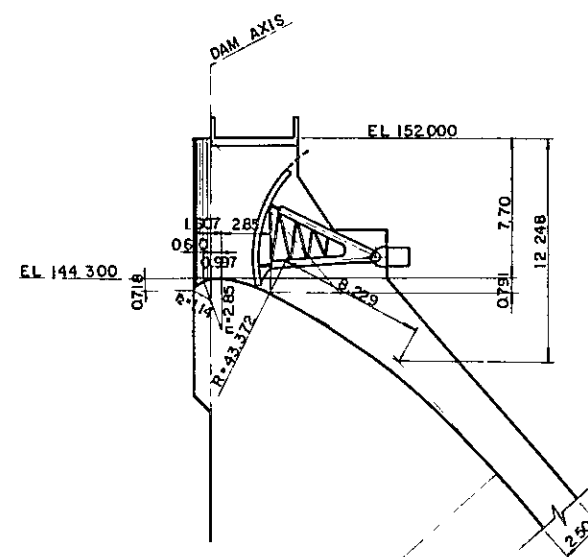
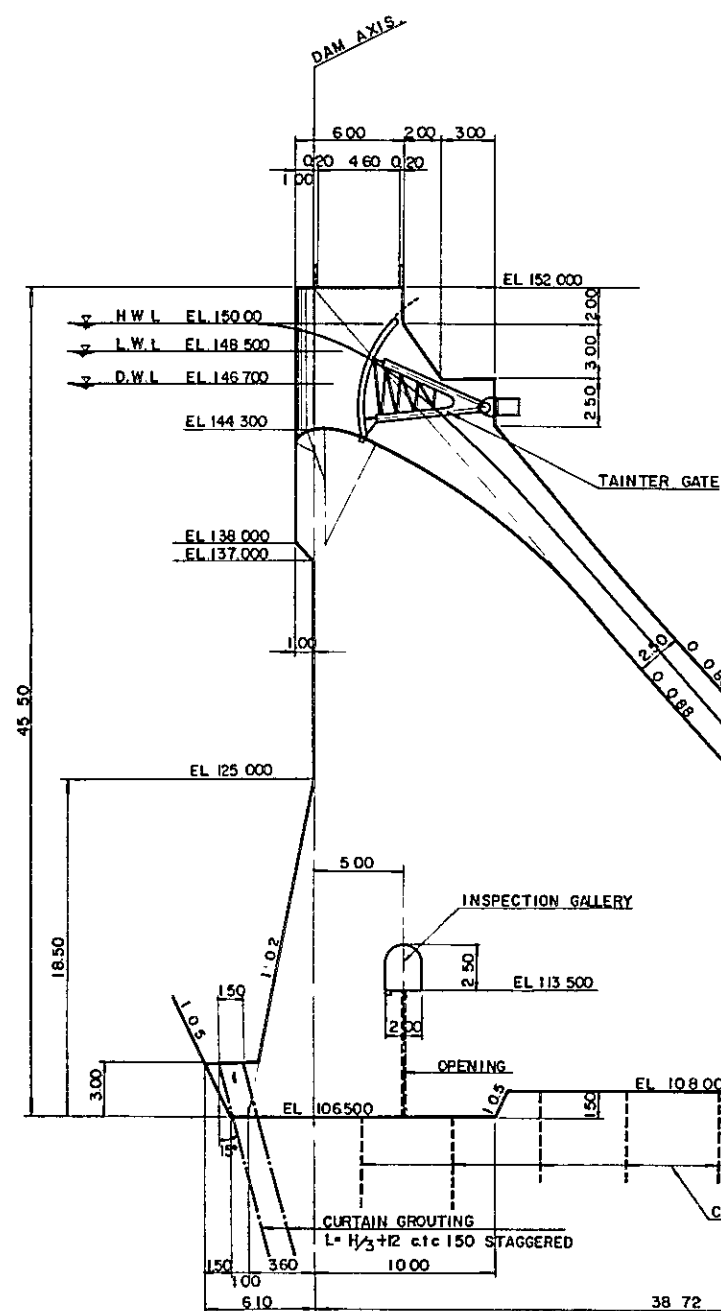


JAPAN INTERNATIONAL COOPERATION AGENCY



SCALE 1 200

REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

NATIONAL IRRIGATION ADMINISTRATION

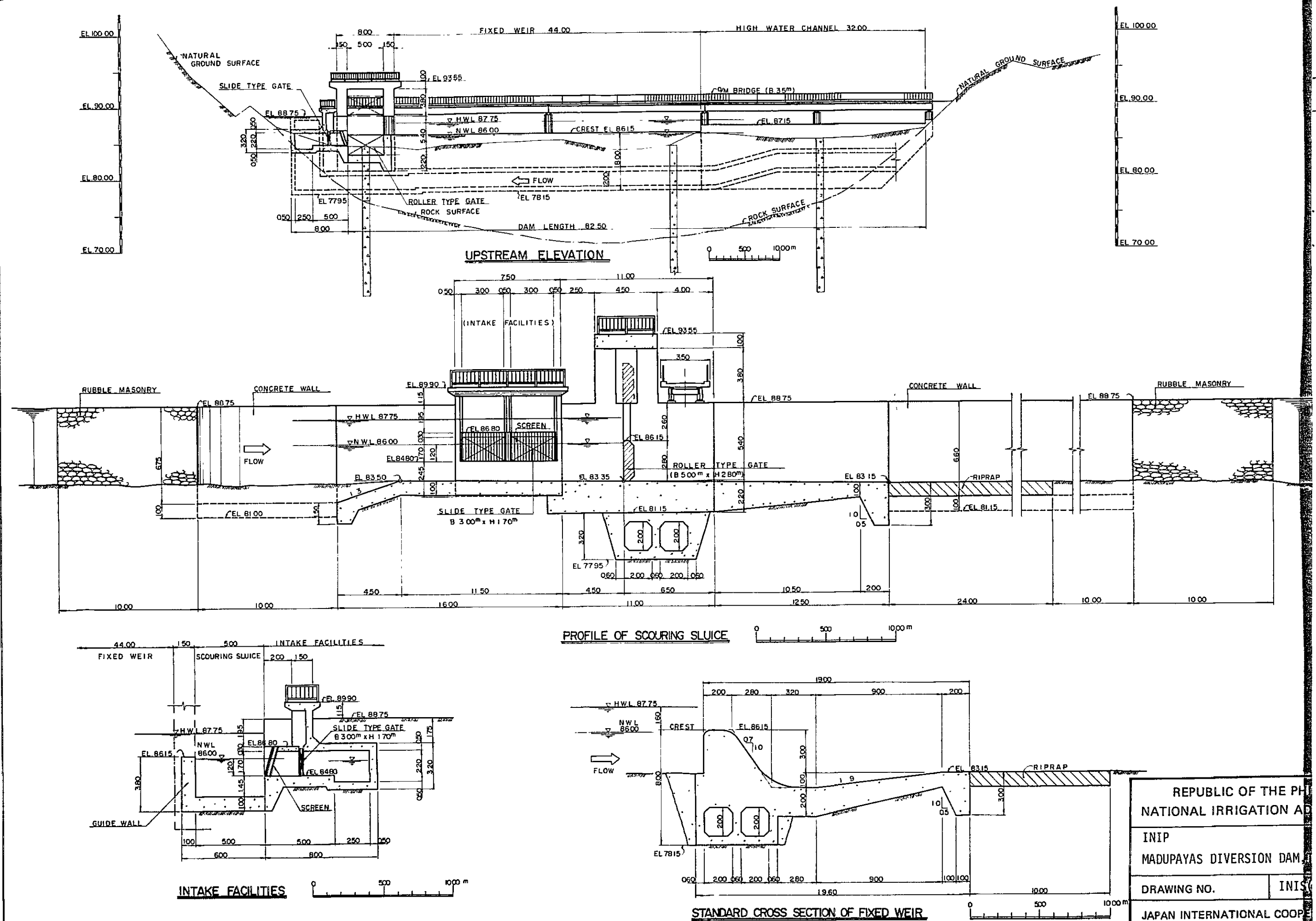
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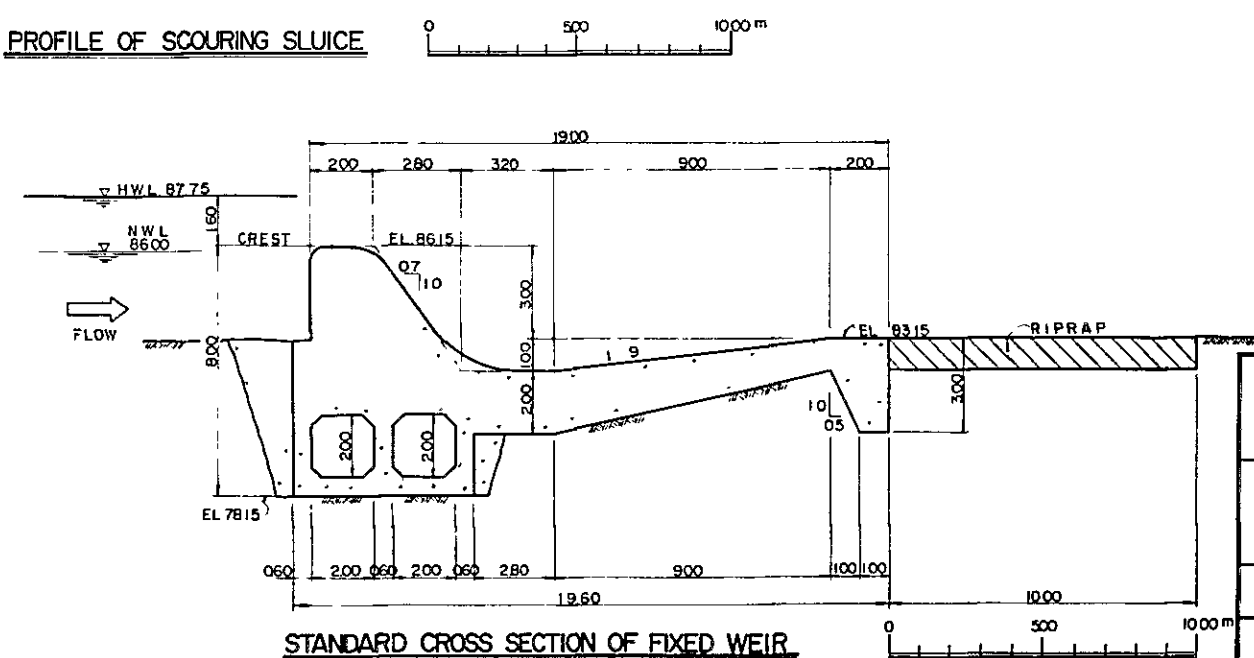
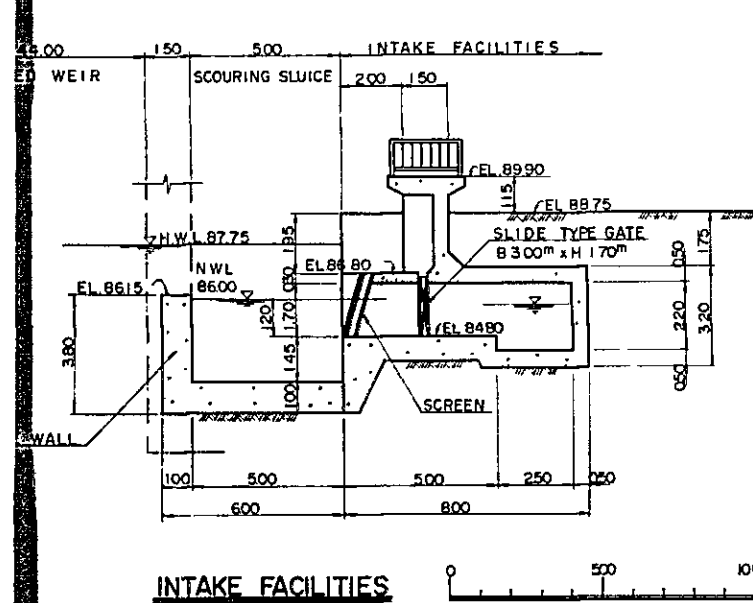
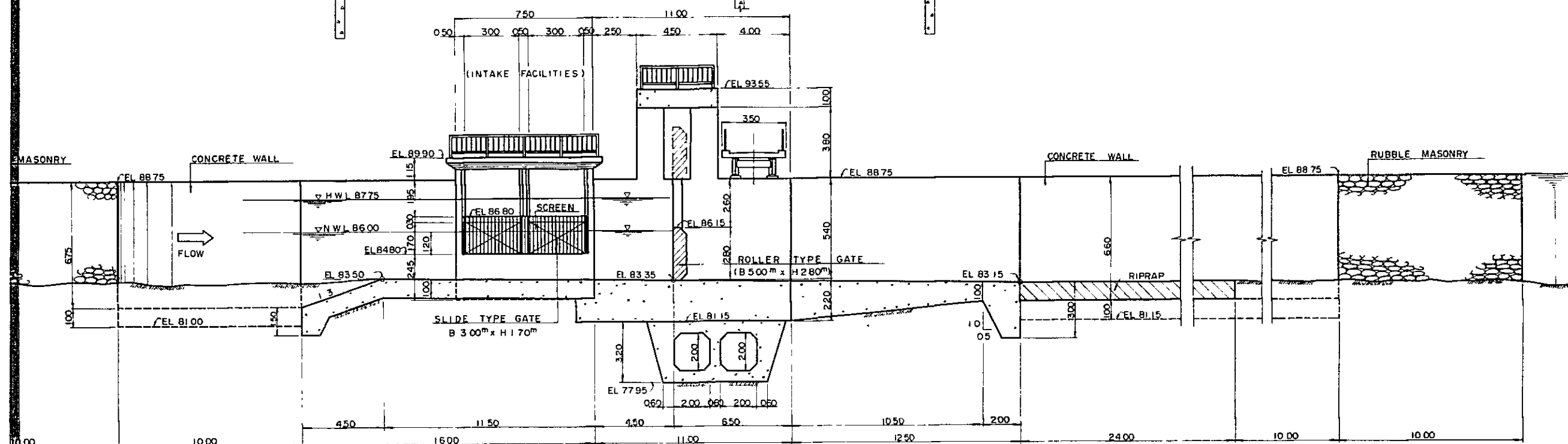
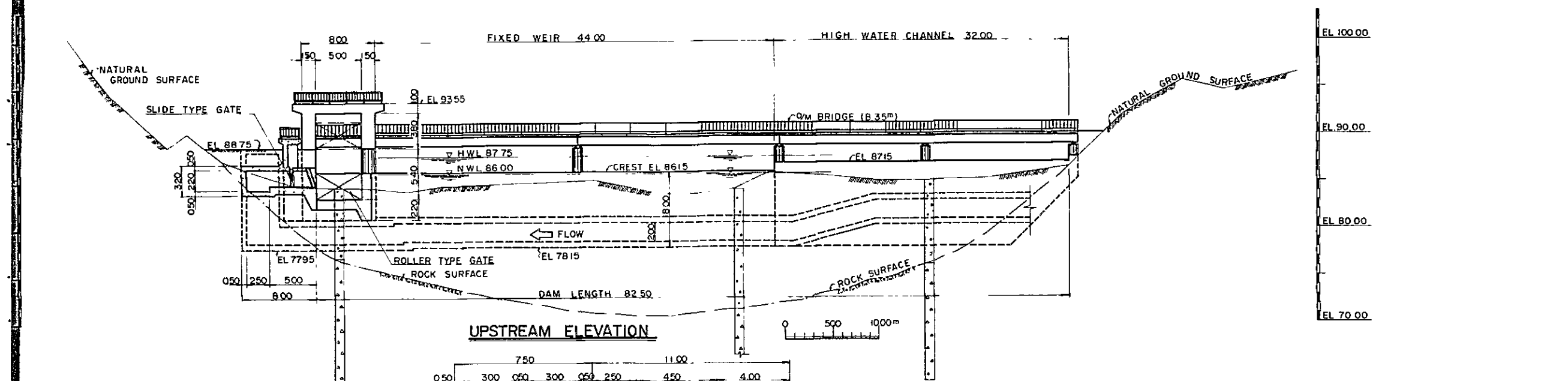
NUEVA ERA DAM, TYPICAL SECTION

DRAWING NO.

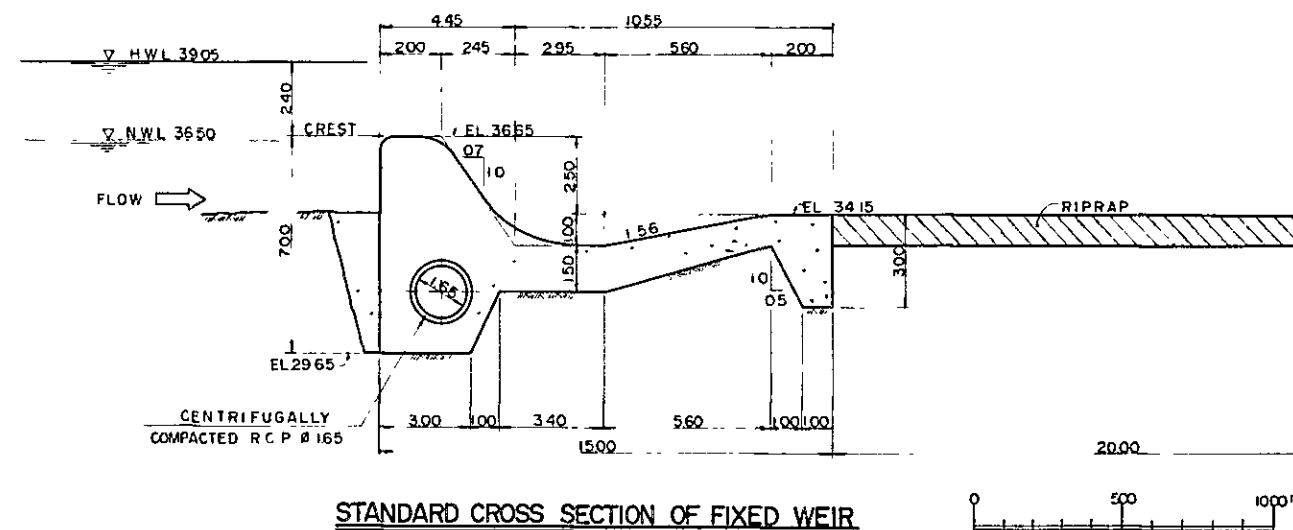
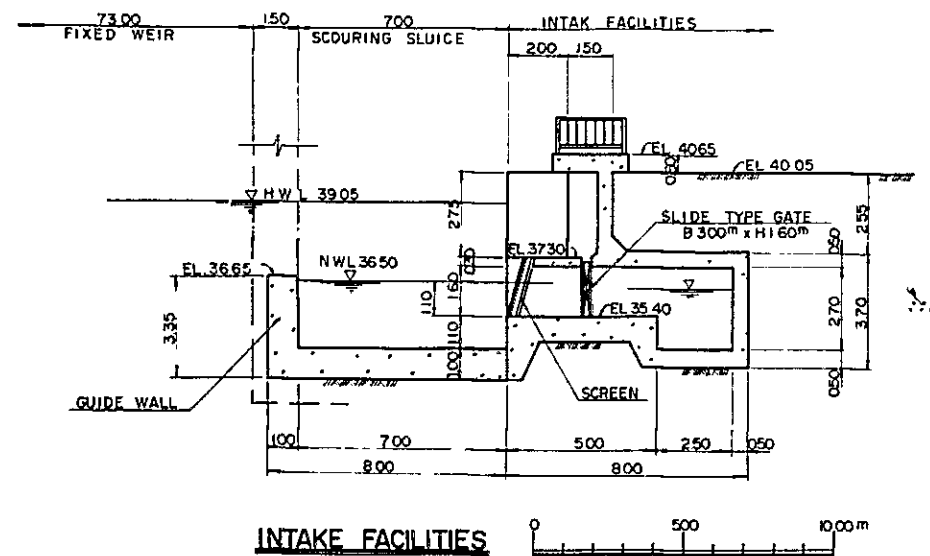
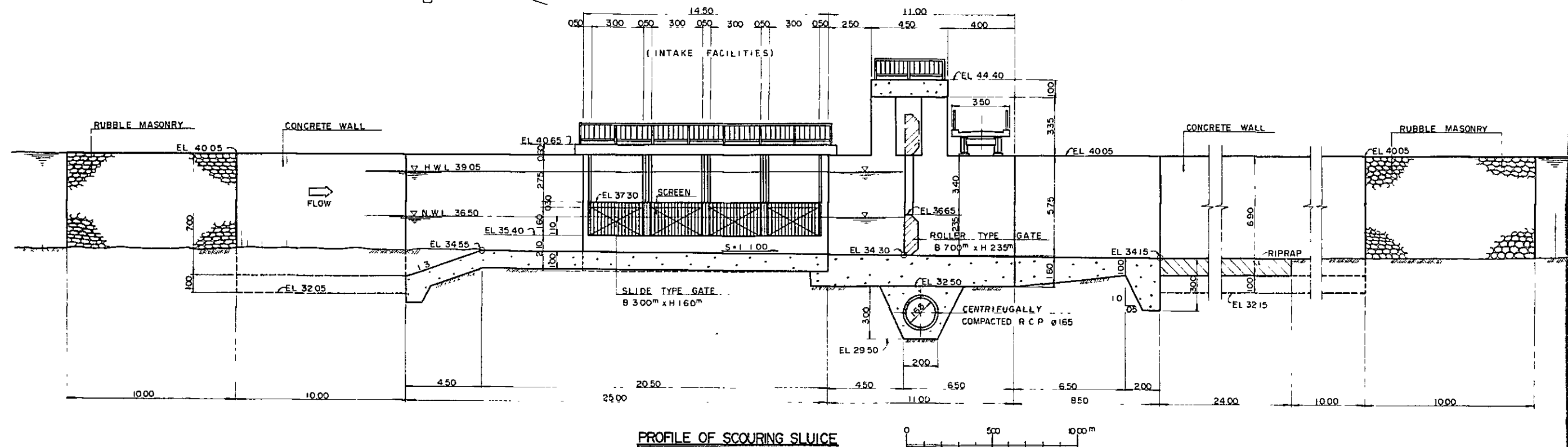
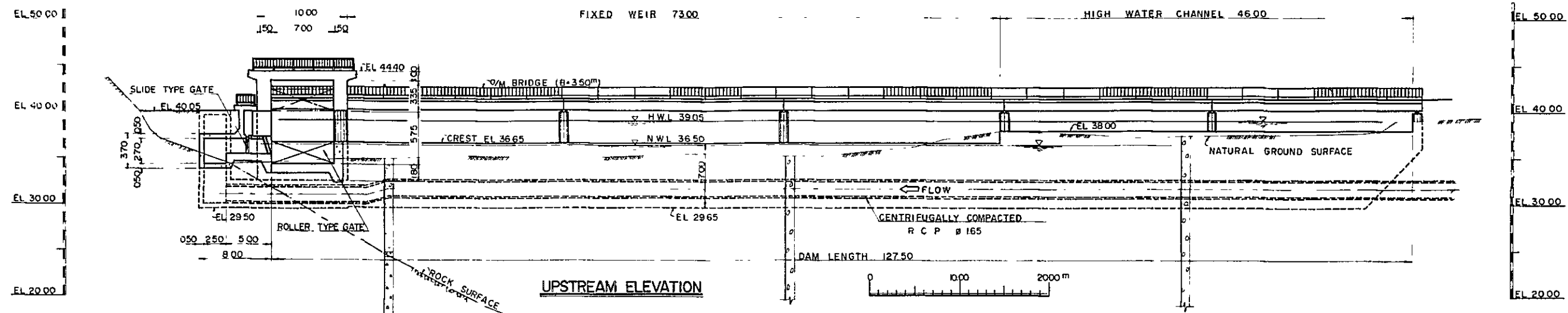
INIS(II)-DA-009

JAPAN INTERNATIONAL COOPERATION AGENCY

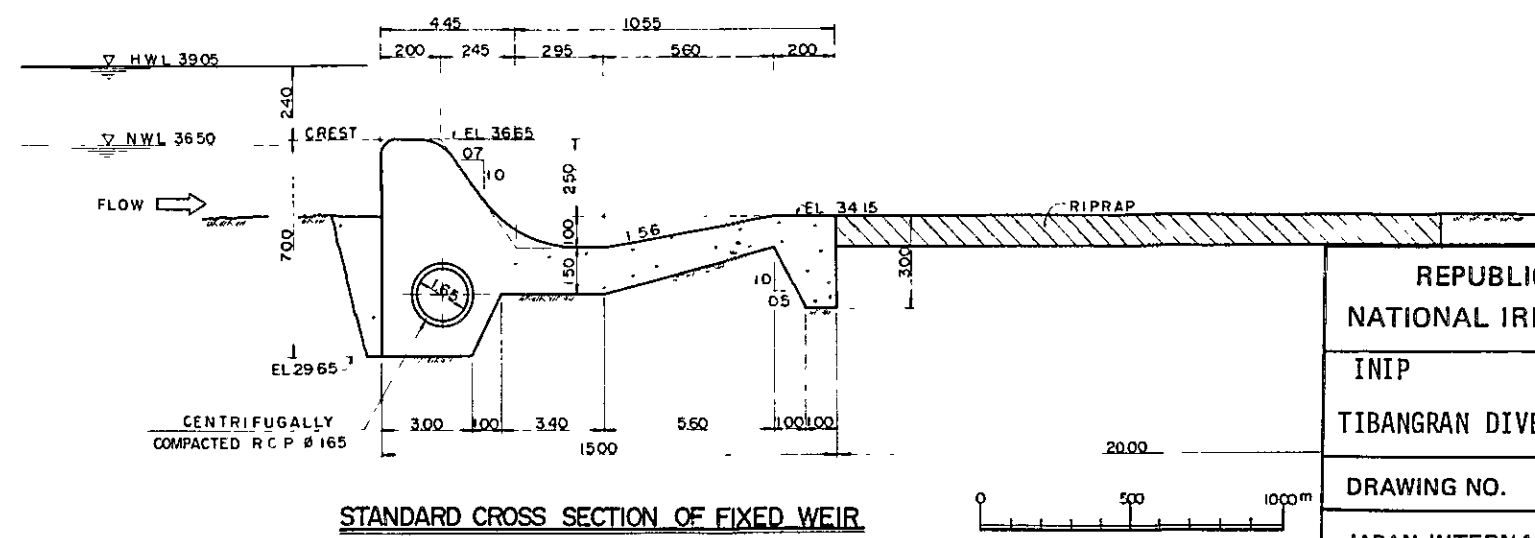
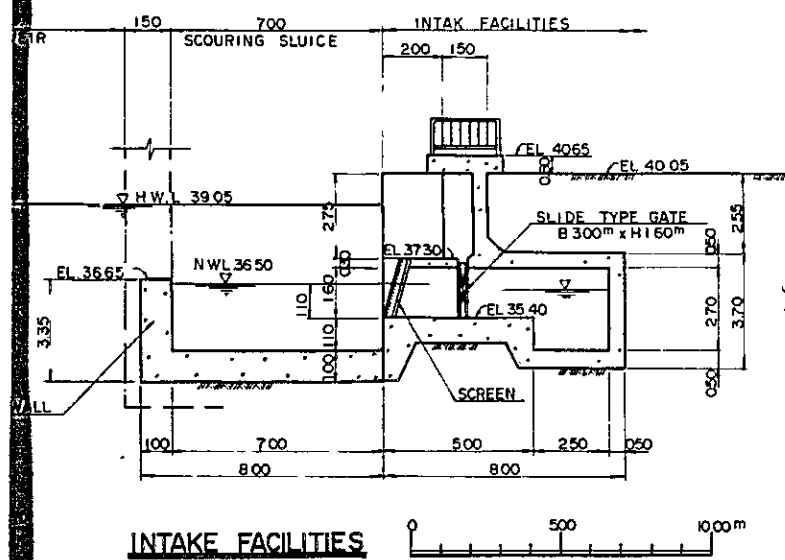
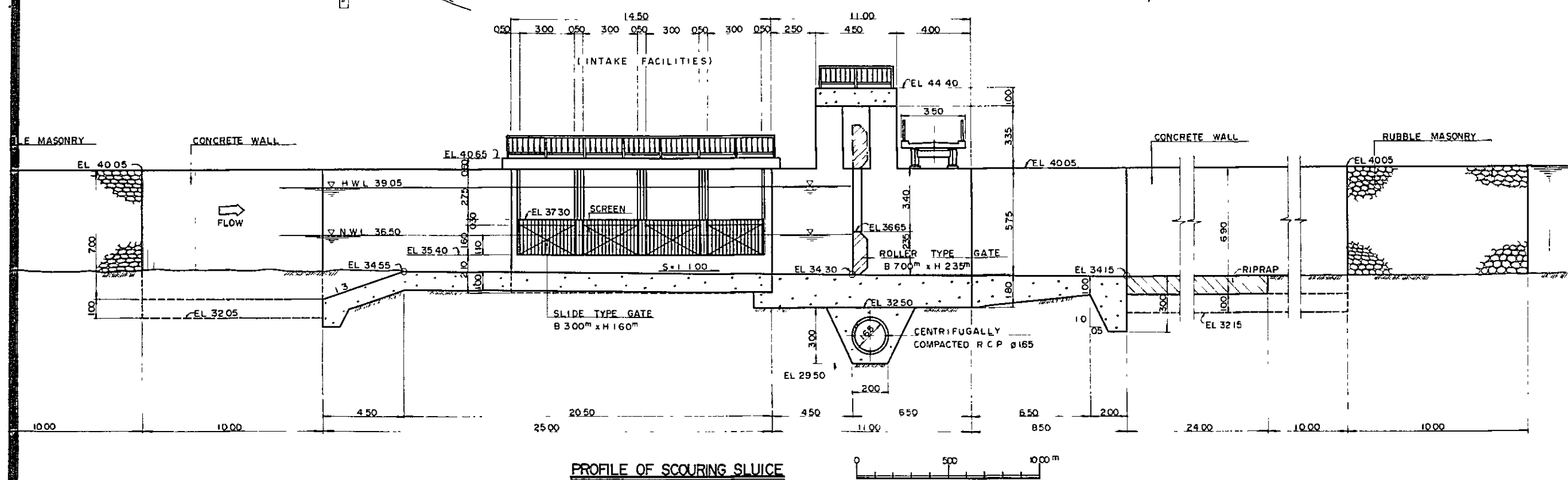
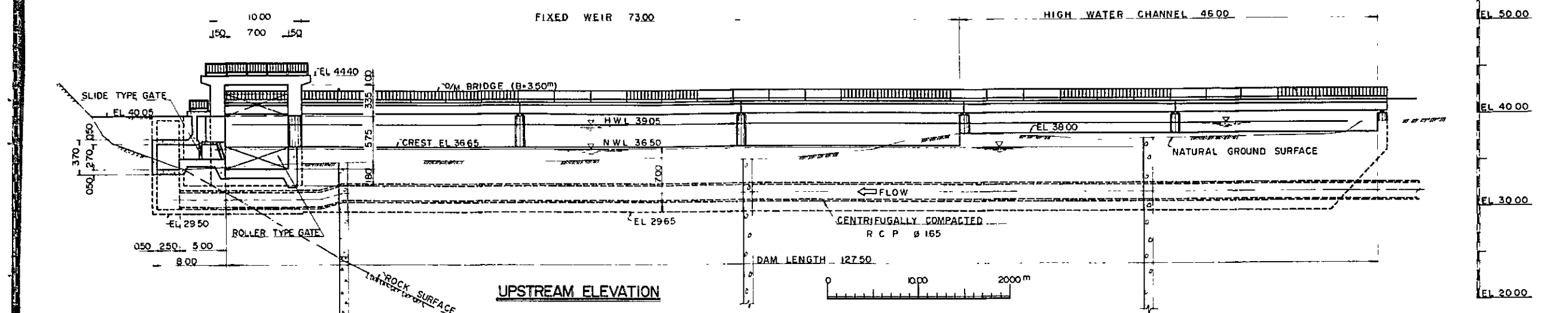




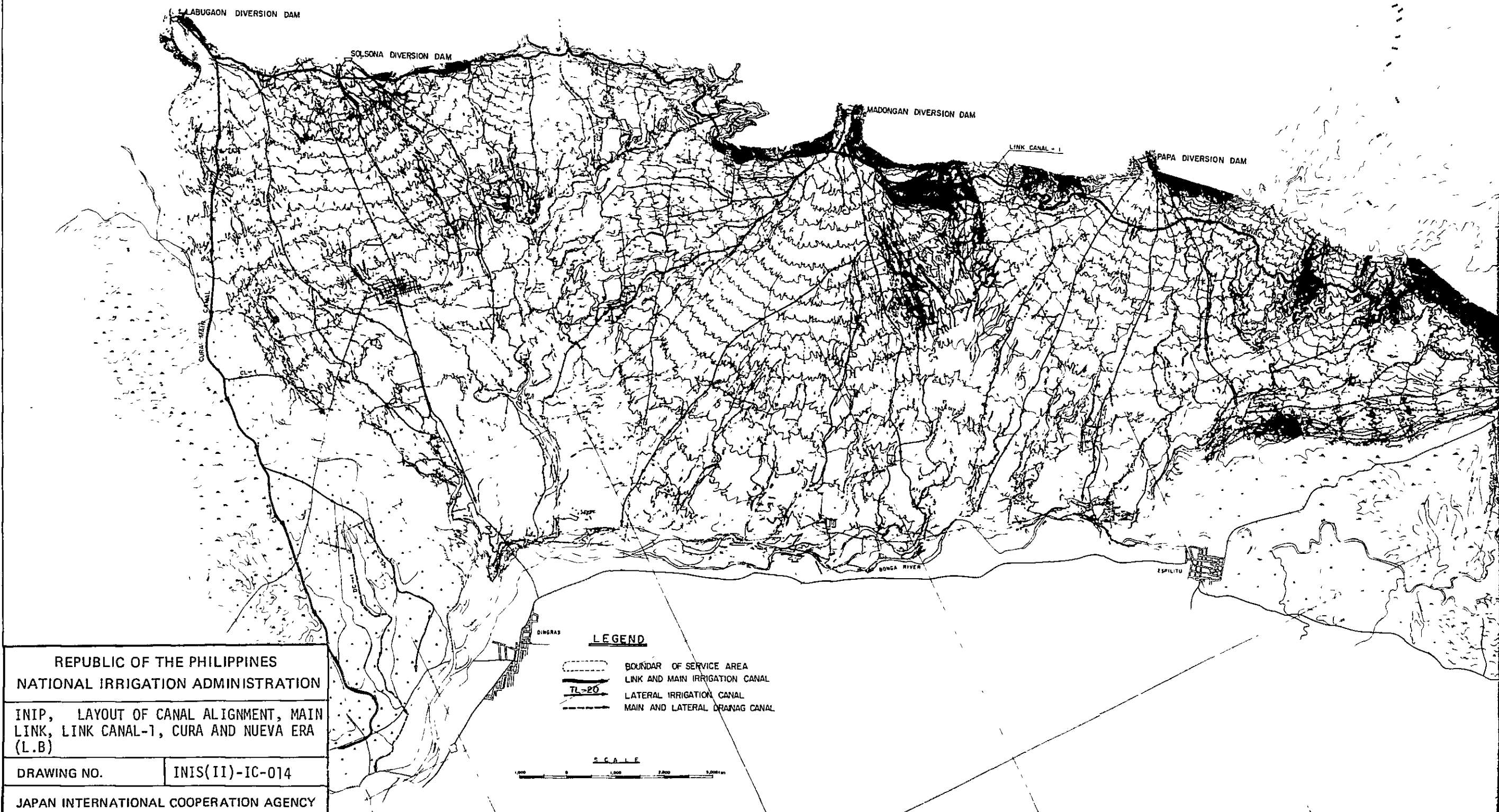
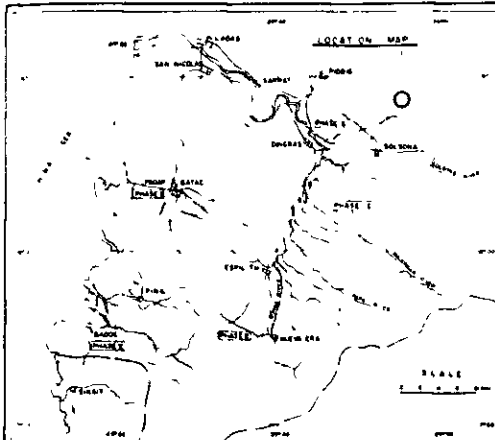
REPUBLIC OF THE PHILIPPINES	
NATIONAL IRRIGATION ADMINISTRATION	
INIP	
MADUPAYAS DIVERSION DAM, TYPICAL SECTION	
DRAWING NO.	INIS(II)-DD-011
JAPAN INTERNATIONAL COOPERATION AGENCY	

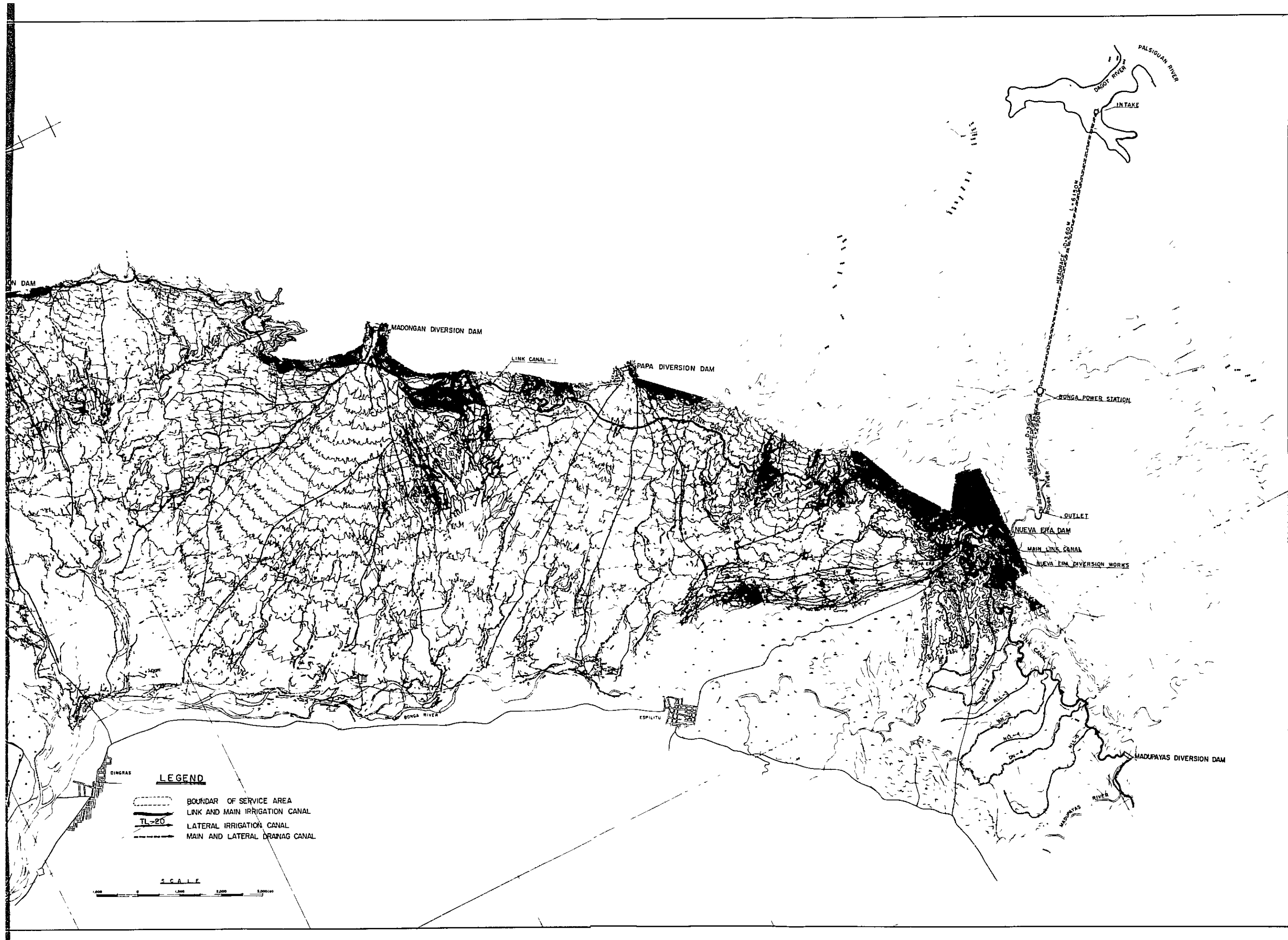


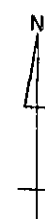
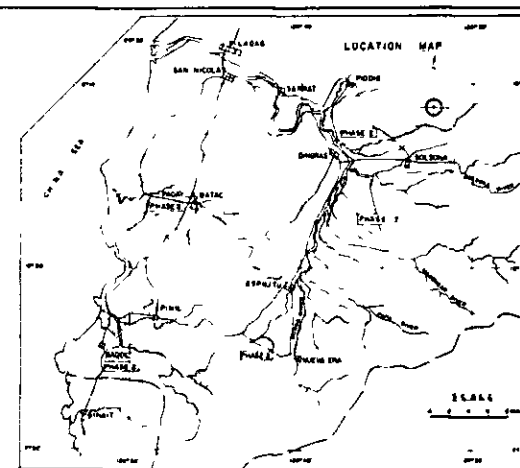
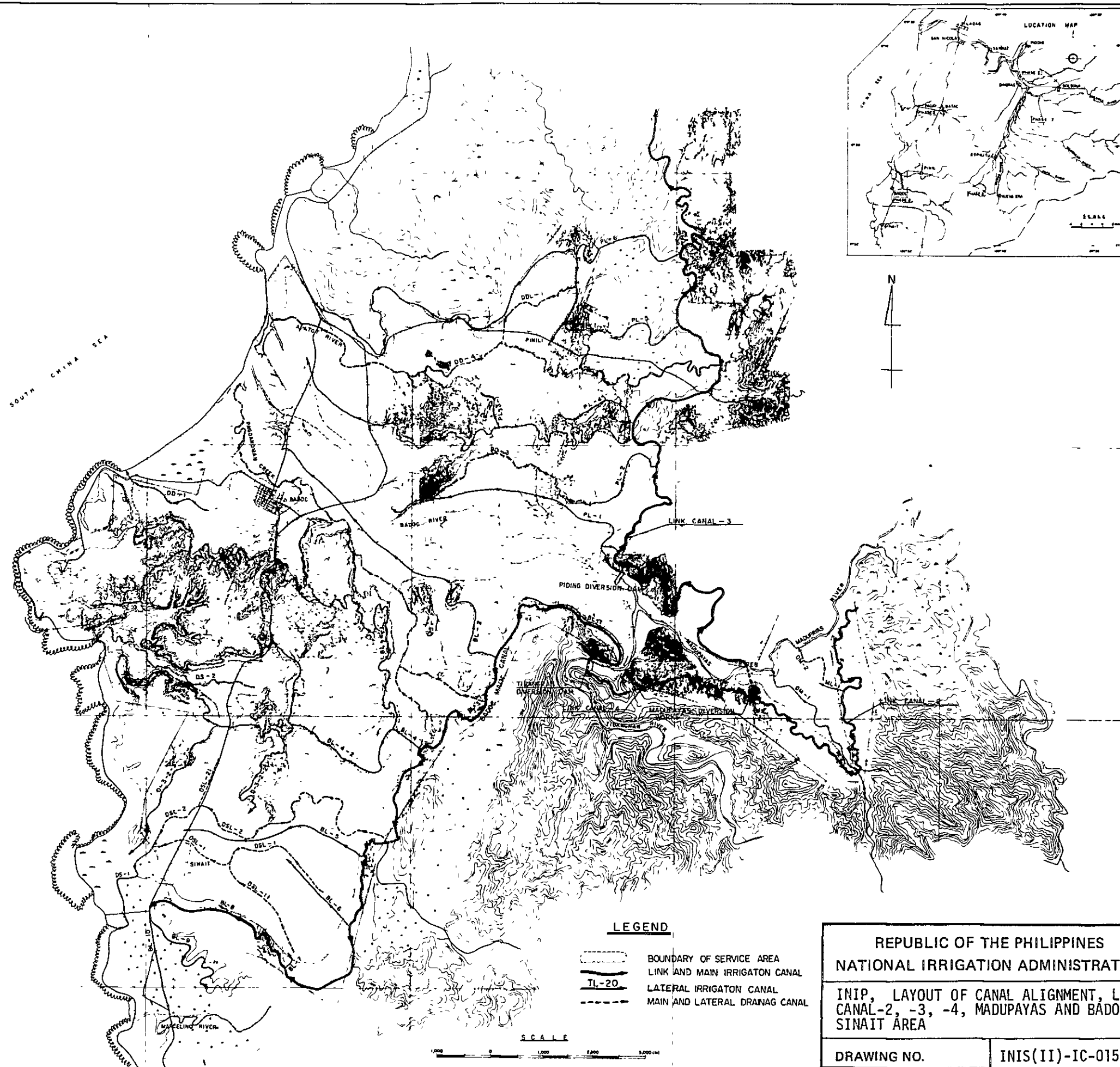
REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION
INIP
TIBANGRAN DIVERSION DAM,
DRAWDING NO. INIS-1
JAPAN INTERNATIONAL COOPERATION



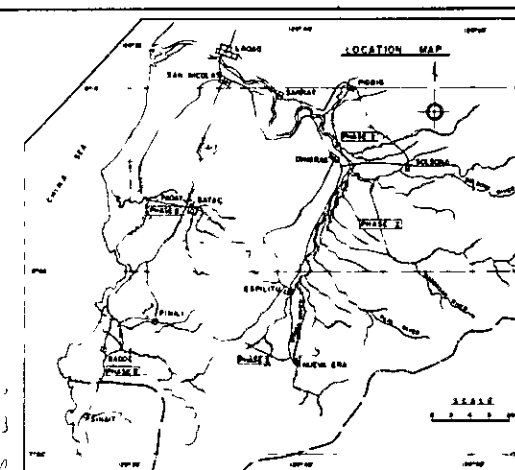
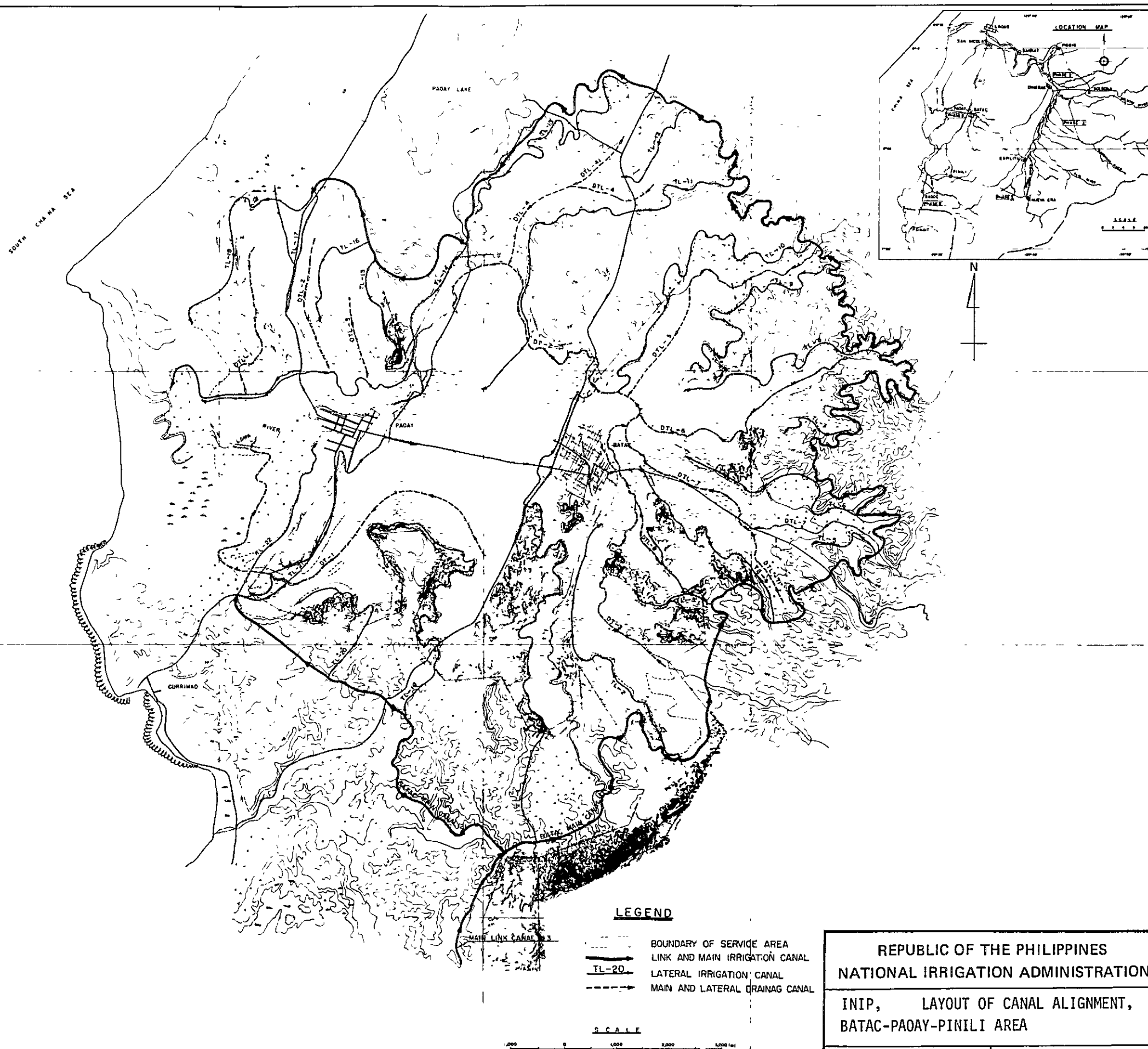
REPUBLIC OF THE PHILIPPINES	
NATIONAL IRRIGATION ADMINISTRATION	
INIP	
TIBANGRAN DIVERSION DAM, TYPICAL SECTION	
DRAWING NO.	INIS(II)-DD-013
JAPAN INTERNATIONAL COOPERATION AGENCY	







REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP, LAYOUT OF CANAL ALIGNMENT, LINK CANAL-2, -3, -4, MADUPAYAS AND BADOC- SINAIT AREA	
DRAWING NO.	INIS(II)-IC-015
JAPAN INTERNATIONAL COOPERATION AGENCY	



LEGEND

- BOUNDARY OF SERVICE AREA
- LINK AND MAIN IRRIGATION CANAL
- TL-20 LATERAL IRRIGATION CANAL
- MAIN AND LATERAL DRAINAG CANAL

SCALE

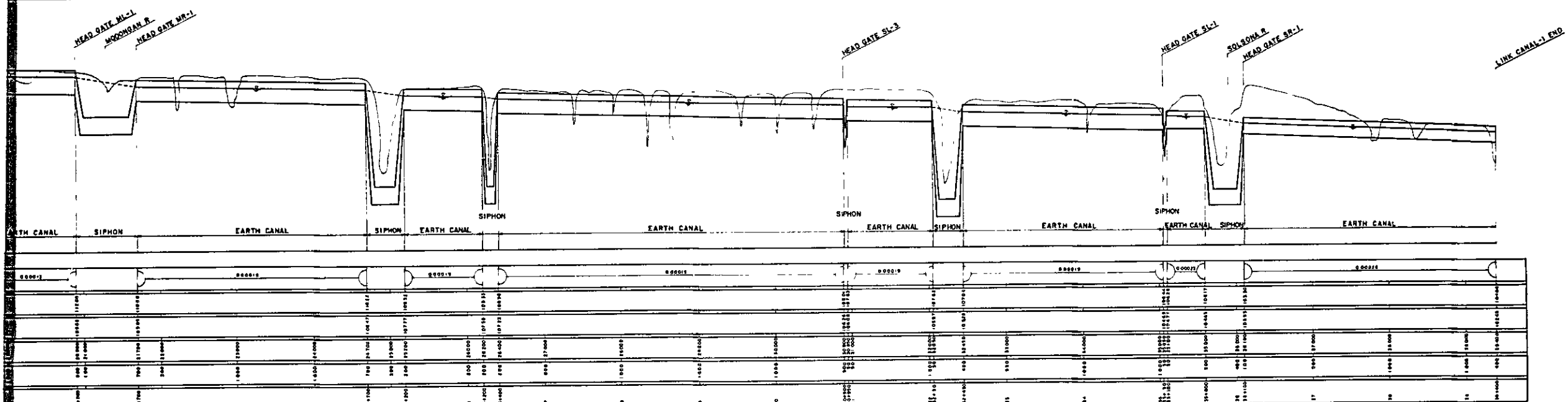
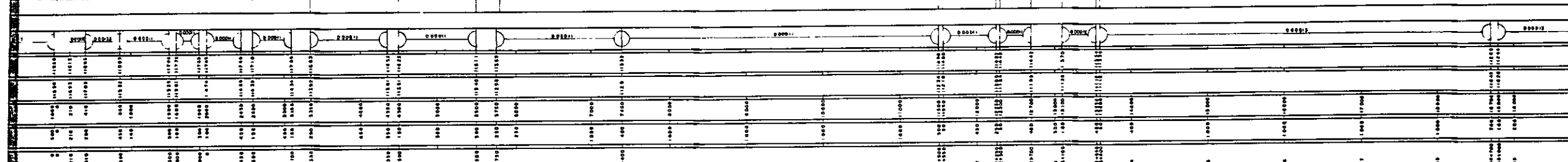
0 1,000 2,000 3,000 4,000 5,000 feet

REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

INIP, LAYOUT OF CANAL ALIGNMENT,
BATAC-PAOAY-PINILI AREA

DRAWING NO. INIS(II)-IC-016

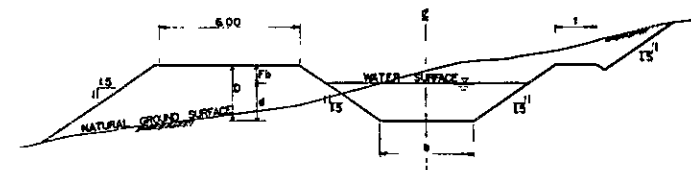
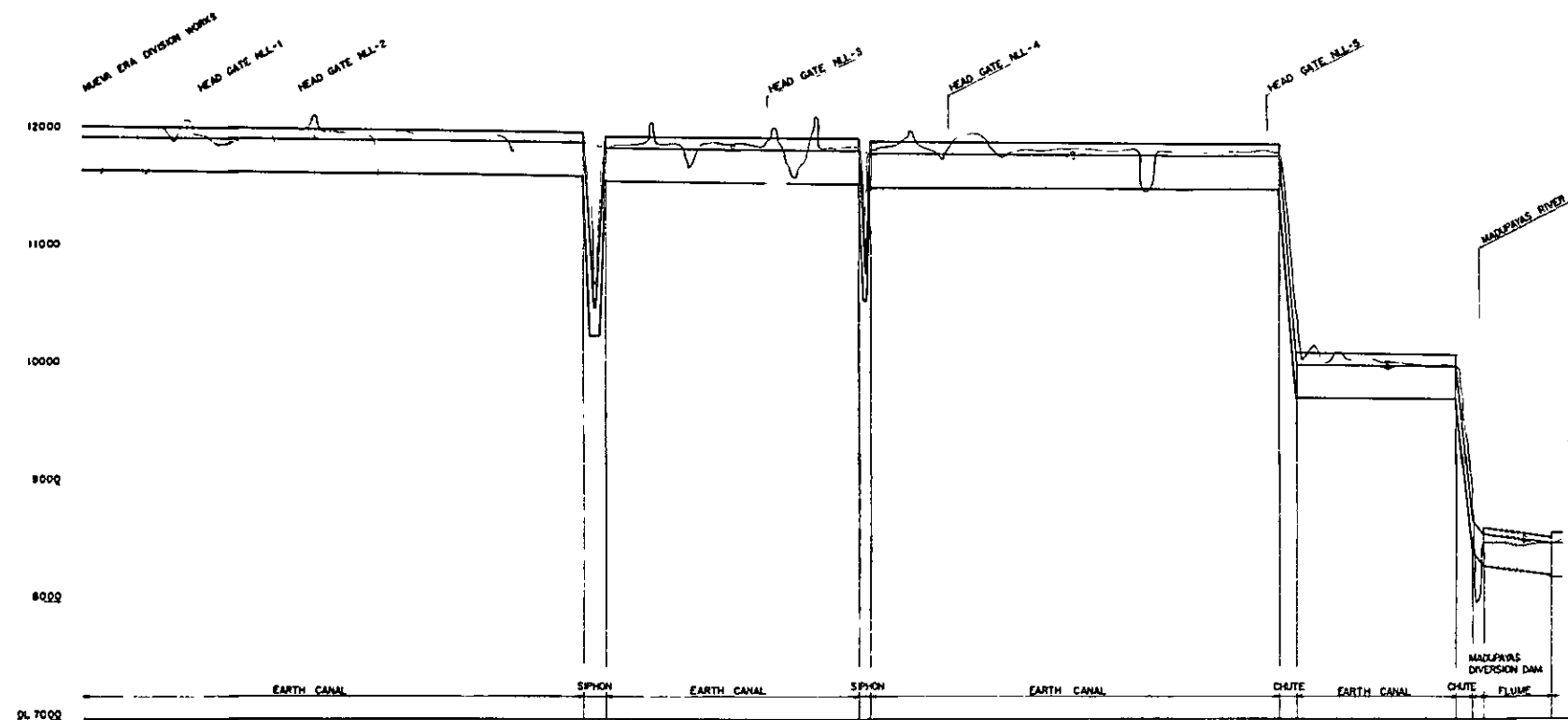
JAPAN INTERNATIONAL COOPERATION AGENCY



STATION		CANAL DIMENSION (LINK CANAL-1)								
START	END	Q	V	A	b	d	D	N	S	
13+100	13+550	14048	0.60	2343	600	242	330	0.025	100000	
13+550	13+600	12026	1.50	800	200X200X2			0.015	100030	
13+600	20+900		0.60	2007	550	224	310	0.025	100000	
20+900	21+700	9103	1.58	576	240X240			0.015	100013	
21+700	24+700	7340	0.60	1225	450	175	260	0.025	100001	
24+700	25+200		1.52	484	220 X 220			0.015	100011	
25+200	35+50		0.60	1225	450	175	260	0.025	100002	
35+50	35+100	5512	1.38	400	200 X 200			0.015	100033	
35+100	36+100		0.60	924	375	152	220	0.025	0.00002	
36+100	39+400	4341		729	350	135	210		100002	

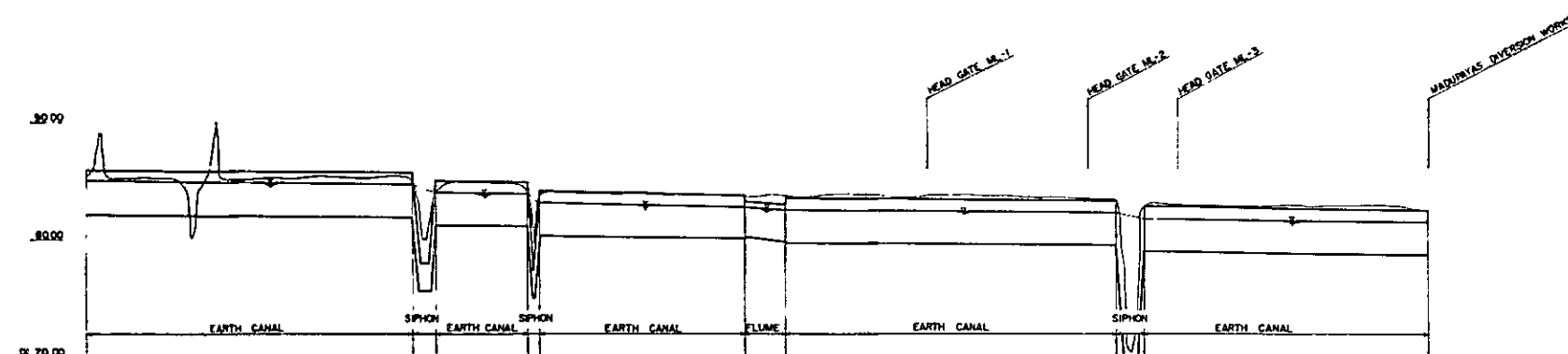
C D	CUMULATIVE DISTANCE (M)
C B E L	CANAL BED ELEVATION (M)
W S E L	WATER SURFACE ELEVATION
Q	DISCHARGE (CU M/SEC)
V	CANAL VELOCITY (M/SEC)
A	CANAL CROSS SECTIONAL AREA (SQ M)
b	CANAL BED WIDTH (M)
d	WATER DEPTH (M)
D	CANAL DEPTH (M)
N	MANNING'S ROUGHNESS COEFFICIENT
S	CANAL SLOPE

DRAWING NO.	INIS(II)-IC-017
JAPAN INTERNATIONAL COOPERATION AGENCY	



TYPICAL CANAL SECTION

STATION	START	END	Q	V	A	b	d	D	H	S
0	4+400	4+400	18359	0.60	3181	700	282	380	0.025	100001
4+400	4+600	4+600	-	1.63	1152	240X240X2			0.015	100021
4+600	6+800	6+800	-	0.60	3181	700	282	380	0.025	100001
6+800	6+900	6+900	-	1.63	1152	240X240X2			0.015	100021
6+900	10+500	10+500	-	0.60	3181	700	282	380	0.025	100001
10+500	10+650	10+650	-	3.30	550	500	110	240	0.015	101176
10+650	12+50	12+50	-	0.60	3181	700	282	380	0.025	100001
12+50	12+200	12+200	-	3.30	550	500	110	240	0.015	101176
12+200	12+800	12+800	18465	2.00	945	350	270	320	0.015	100008
12+800	15+700	15+700	-	0.60	3136	700	280	380	0.025	100001
15+700	15+900	15+900	-	1.60	1152	240X240X2			0.015	100035
15+900	16+700	16+700	-	0.60	3136	700	280	380	0.025	100001
16+700	16+800	16+800	-	1.60	1152	240X240X2			0.015	100035
16+800	18+600	18+600	-	0.60	3136	700	280	380	0.025	100001
18+600	18+950	18+950	-	2.00	945	350	270	320	0.015	100008
18+950	21+850	21+850	-	0.60	3136	700	280	380	0.025	100001
21+850	22+100	22+100	-	1.60	1152	240X240X2			0.015	100035
22+100	24+600	24+600	-	0.60	3136	700	280	380	0.025	100001



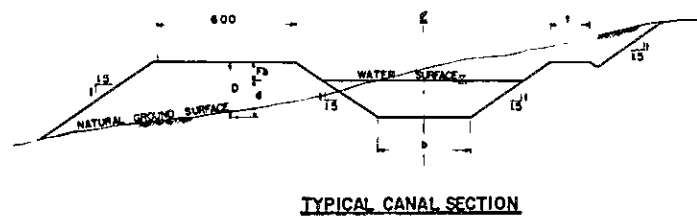
STATION	START	END	Q	V	A	b	d	D	H	S
0	4+400	4+400	18359	0.60	3181	700	282	380	0.025	100001
4+400	4+600	4+600	-	1.63	1152	240X240X2			0.015	100021
4+600	6+800	6+800	-	0.60	3181	700	282	380	0.025	100001
6+800	6+900	6+900	-	1.63	1152	240X240X2			0.015	100021
6+900	10+500	10+500	-	0.60	3181	700	282	380	0.025	100001
10+500	10+650	10+650	-	3.30	550	500	110	240	0.015	101176
10+650	12+50	12+50	-	0.60	3181	700	282	380	0.025	100001
12+50	12+200	12+200	-	3.30	550	500	110	240	0.015	101176
12+200	12+800	12+800	18465	2.00	945	350	270	320	0.015	100008
12+800	15+700	15+700	-	0.60	3136	700	280	380	0.025	100001
15+700	15+900	15+900	-	1.60	1152	240X240X2			0.015	100035
15+900	16+700	16+700	-	0.60	3136	700	280	380	0.025	100001
16+700	16+800	16+800	-	1.60	1152	240X240X2			0.015	100035
16+800	18+600	18+600	-	0.60	3136	700	280	380	0.025	100001
18+600	18+950	18+950	-	2.00	945	350	270	320	0.015	100008
18+950	21+850	21+850	-	0.60	3136	700	280	380	0.025	100001
21+850	22+100	22+100	-	1.60	1152	240X240X2			0.015	100035
22+100	24+600	24+600	-	0.60	3136	700	280	380	0.025	100001

REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

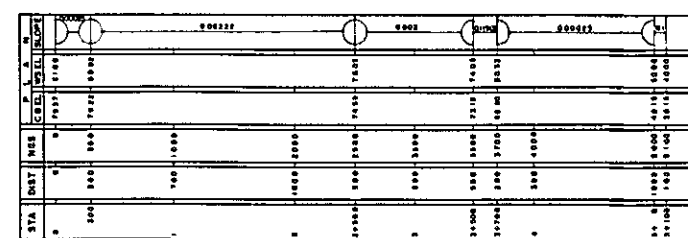
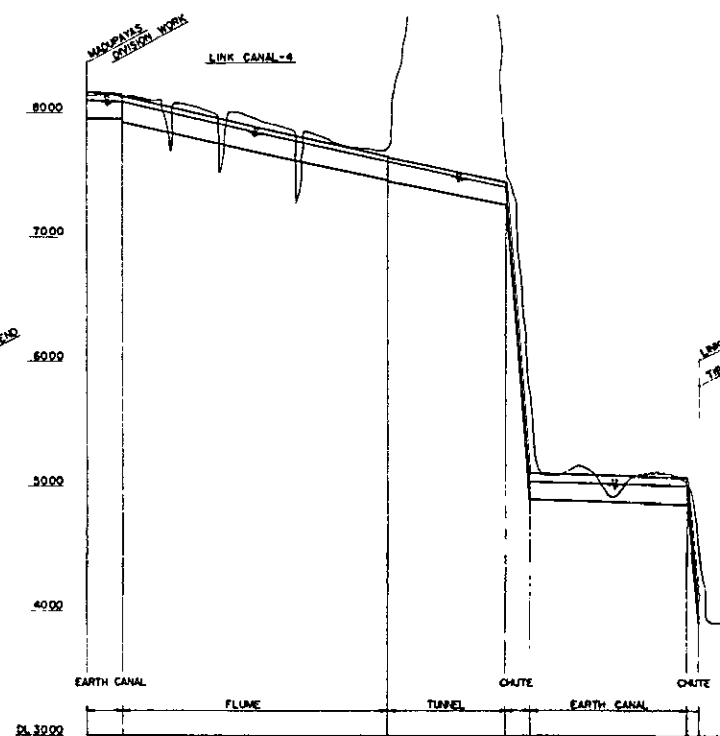
INIP
PROFILE OF LINK CANAL-2

DRAWING NO. INIS(II)-IC-018

JAPAN INTERNATIONAL COOPERATION AGENCY



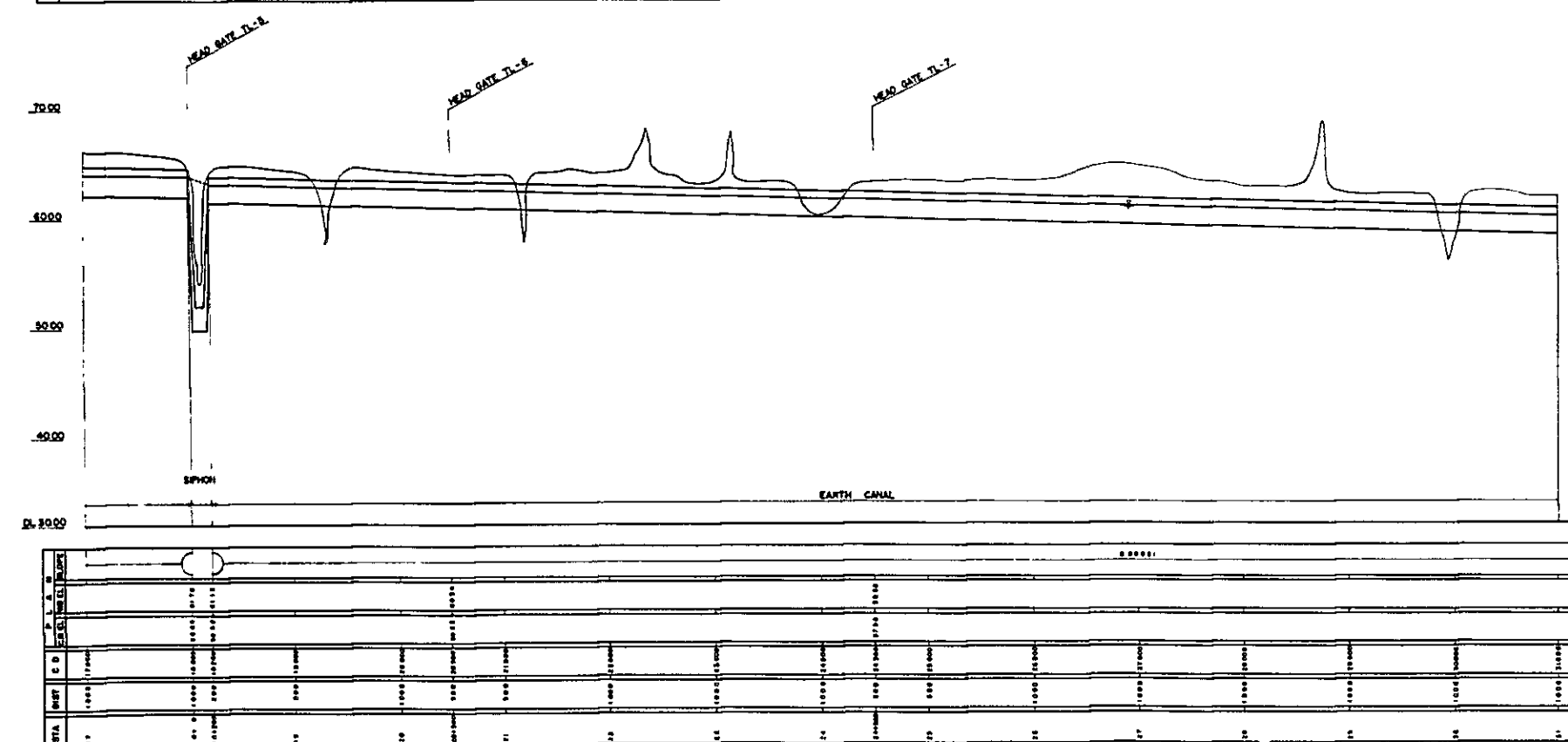
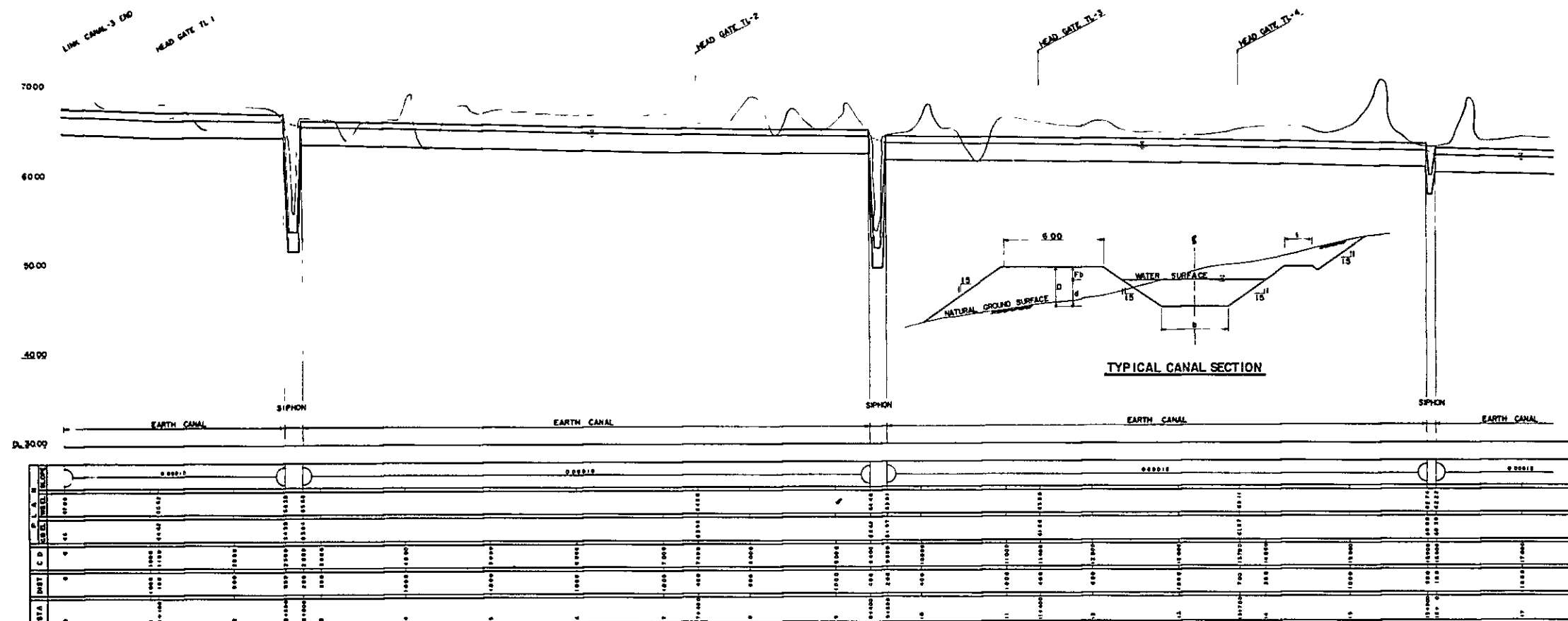
TYPICAL CANAL SECTION



STATION		CANAL DIMENSION (LINK CANAL-3)							
START	END	Q	V	A	b	d	D	N	S
0	0+800	14482	320	452	0+2+0			0012	000039
0+800	4+100	-	060	2421	625	246	330	0023	000001
4+100	4+200	-	164	882	210X210X2			0015	000022
4+200	3+700	-	060	2421	625	246	330	0025	0000012
3+700	7+400	-	202	720	300	240	290	0015	000010
7+400	19+700	-	060	2421	625	248	330	0025	000001
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19+800	23+900	-	060	2209	600	235	330	0023	000001

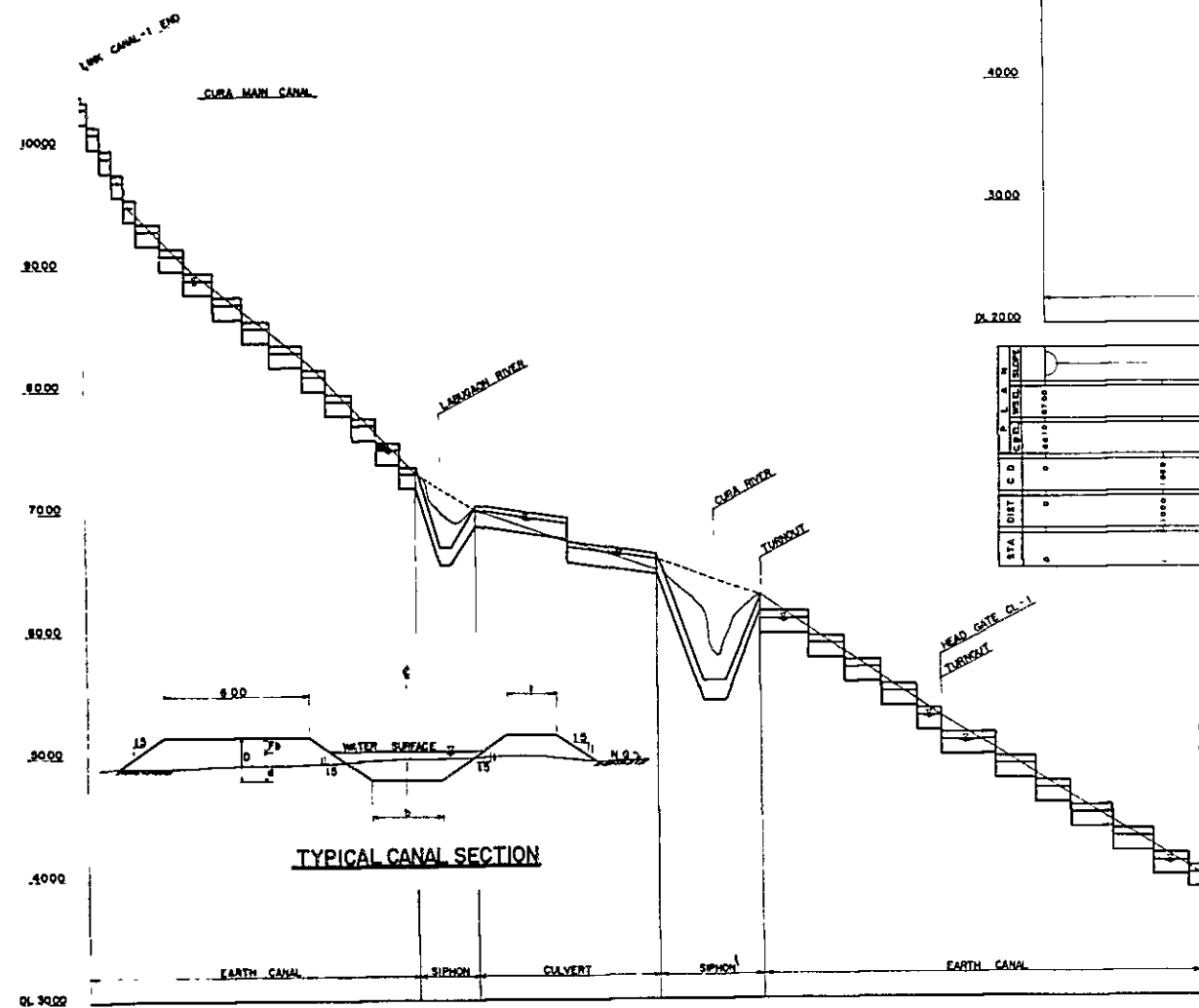
STATION		CANAL DIMENSION (LINK CANAL-4)								
START	END	Q	V	A	b	d	D	N	S	
0	0+300	4889	0.60	818	330	143	210	0.025	0.000202	
0+300	2+500	-	2.03	255	150	170	210	0.018	0.000202	
2+500	3+500	-	1.95	233	180	144	180	-	0.000202	
3+500	3+700	-	2.80	170	200	065	150	-	0.011895	
3+700	5+0	-	0.66	818	330	143	210	0.025	0.000202	
5+0	5+100	-	2.80	170	200	085	150	0.015	0.011895	

DRAWING NO.	INIS(II)-IC-019
JAPAN INTERNATIONAL COOPERATION AGENCY	

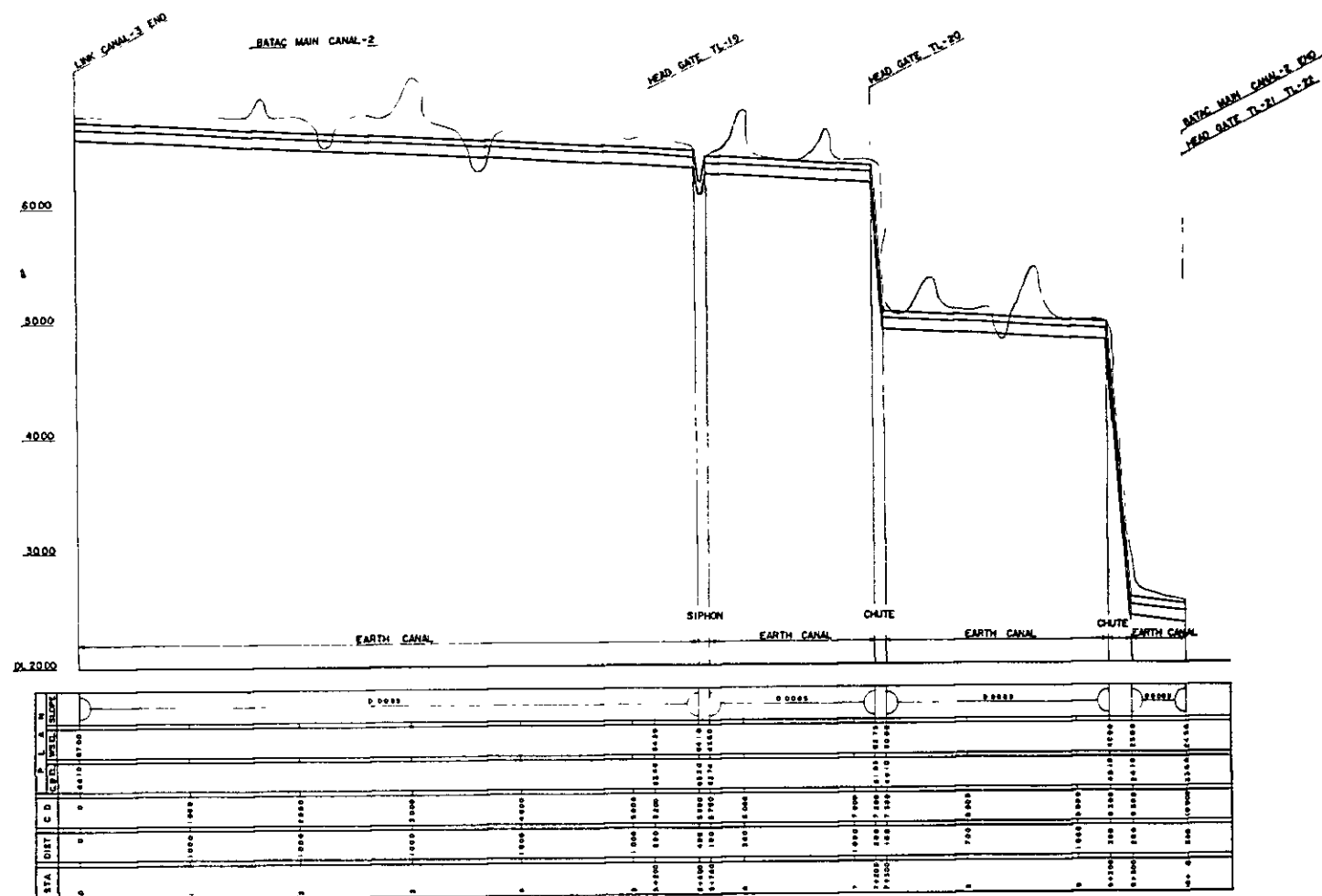


STATION		CANAL DIMENSION									
START	END	Q	V	A	b	d	D	N	S		
0	2+600	9.394	0.60	1600	500	200	280	0.025	0.000016		
2+600	2+800	8.074	1.67	484	220X220			0.015	0.00020		
2+800	18+	0	0.60	1354	450	184	260	0.025	0.000018		
18+	0	18+200	6.224	1.41	441	210X210		0.015	0.00018		
18+200	35+800	-	0.60	1037	400	161	230	0.025	0.000021		
35+800	36+	0	4.587	1.35	324	180X180		0.015	0.00010		
36+	0	43+800	-	0.60	729	350	155	210	0.025	0.000026	

REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP PROFILE OF BATAC MAIN CANAL-1	
DRAWING NO.	INIS(II)-IC-020
JAPAN INTERNATIONAL COOPERATION AGENCY	

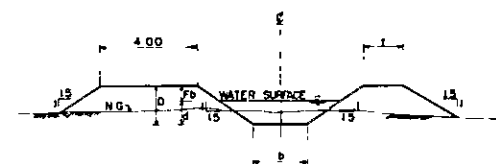
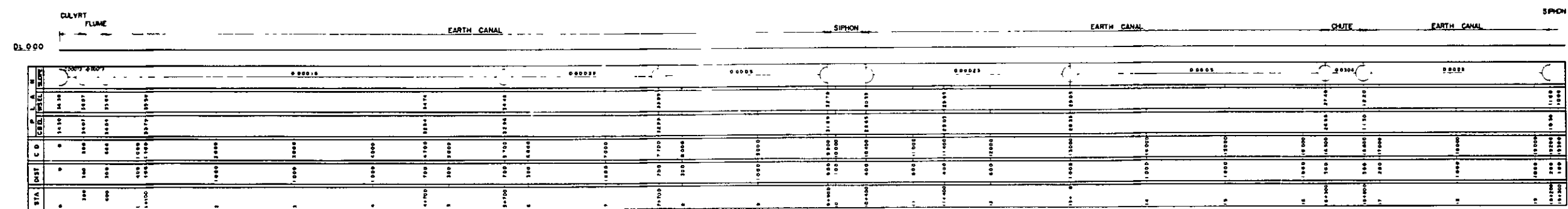


STATION	END	Q	V	A	b	d	D	N	S
0	2+800	3577	0.60	6.05	300	123	180	0.025	1000031
2+800	3+300	3285	1.46	2.25	150 X 150			0.015	1000020
3+300	4+800	151	2.21	1.70	130	170			1000013
4+800	5+700	146	2.25	150 X 150					1000019
5+700	9+400	-	0.60	5.76	300	120	180	0.025	1000031



STATION	END	Q	V	A	b	d	D	N	S
0	2+800	3577	0.60	6.05	300	123	180	0.025	1000031
2+800	3+300	3285	1.46	2.25	150 X 150			0.015	1000020
3+300	4+800	151	2.21	1.70	130	170			1000013
4+800	5+700	146	2.25	150 X 150					1000019
5+700	9+400	-	0.60	5.76	300	120	180	0.025	1000031

STATION	END	Q	V	A	b	d	D	N	S
0	5+600	1816	0.63	3.24	225	090	150	0.025	1000005
5+600	5+700	-	1.78	1.13	D=120			0.015	1000030
5+700	10+0	-	0.63	3.24	225	090	150	0.025	1000005

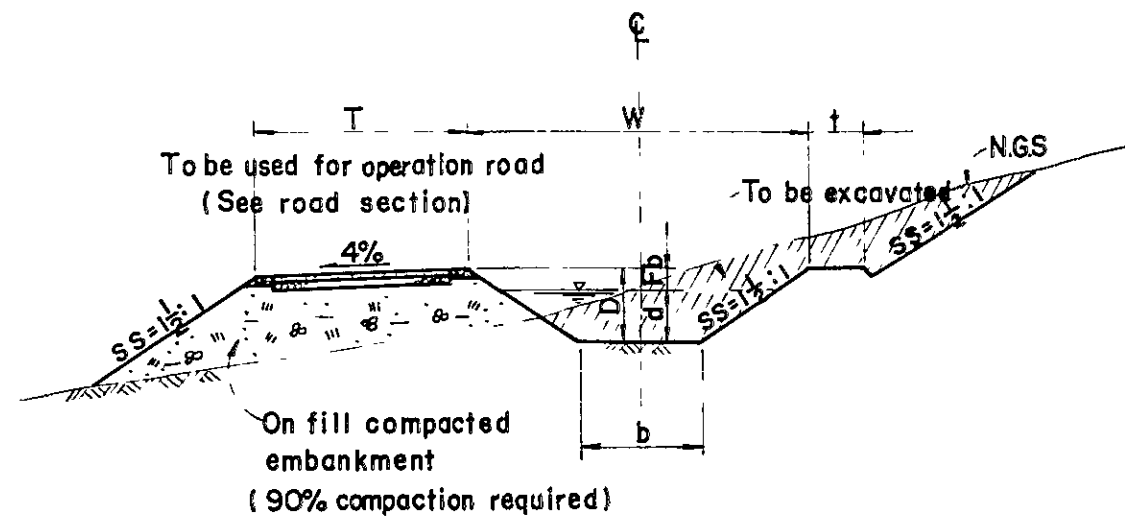


STATION		CANAL DIMENSION (SADOQ MAIN CANAL)								
START	END	Q	V	A	b	d	D	N	S	
0	0+600	771	155	500	250	200	250	0.015	000077	
0+600	5+700	-	060	1296	450	180	260	0.025	000018	
5+700	7+700	5374	-	900	375	150	220	-	000023	
7+700	9+900	2011	063	324	225	090	150	-	000055	
9+900	10+400	-	178	113	0+20	-	0015	-	000039	
10+400	13+0	-	063	324	225	090	150	0.025	000023	
13+0	16+300	0877	053	196	175	070	120	-	000055	
16+300	16+800	-	200	042	100	042	100	0.015	000304	
16+800	19+200	055	196	175	070	120	0.025	-	000023	
19+200	19+300	-	138	064	0+90	-	0015	-	000042	

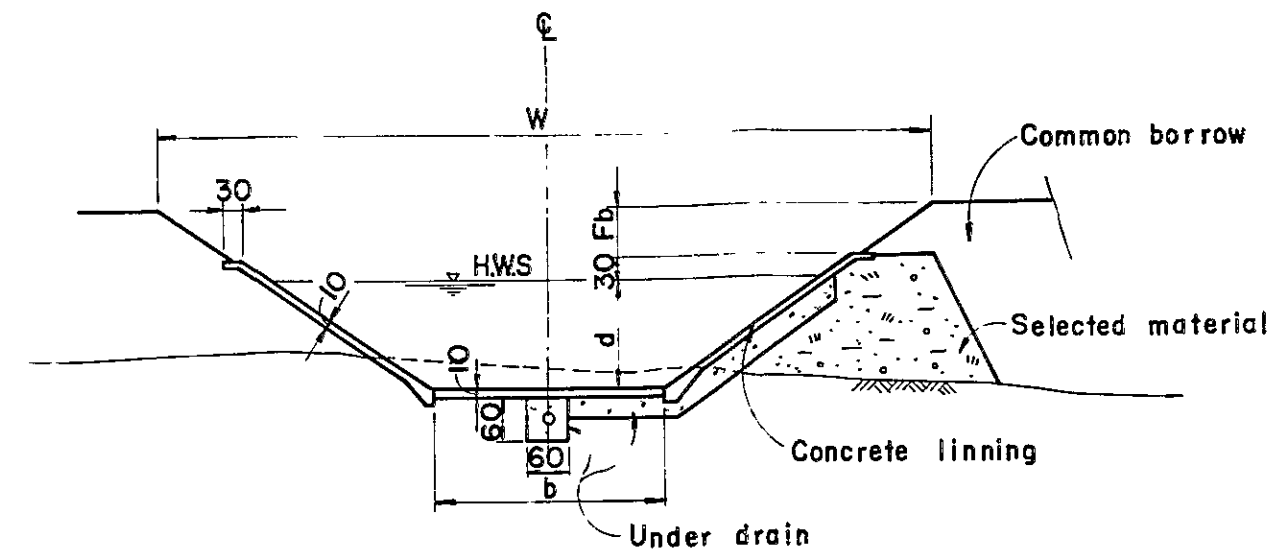
STATION		CANAL ELEMENTS (LATERAL CANAL BL - 2)							
START	END	Q	V	A	b	d	D	N	S
0	2+500	1862	0.63	3.24	2.25	0.90	1.50	0.025	10000
2+500	2+700		2.30	0.78	1.50	0.52	1.00	0.015	10000
2+700	3+500		0.63	3.24	2.25	0.90	1.50	0.025	10000
3+500	3+400	0948	0.53	1.96	1.75	0.70	1.20		
3+400	7+700	0687	0.48	1.44	1.50	0.60	1.10		

[illegible]

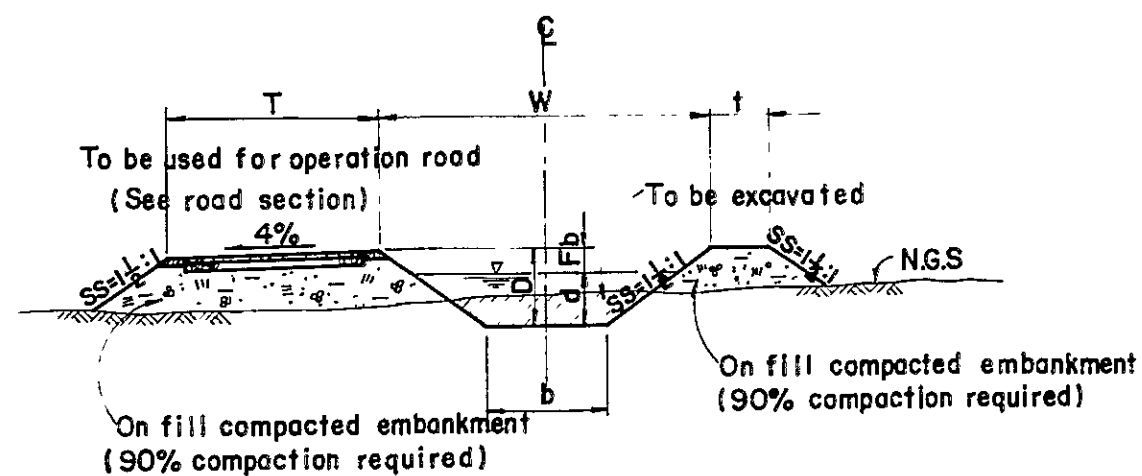
JAPAN INTERNATIONAL COOPERATION AGENCY



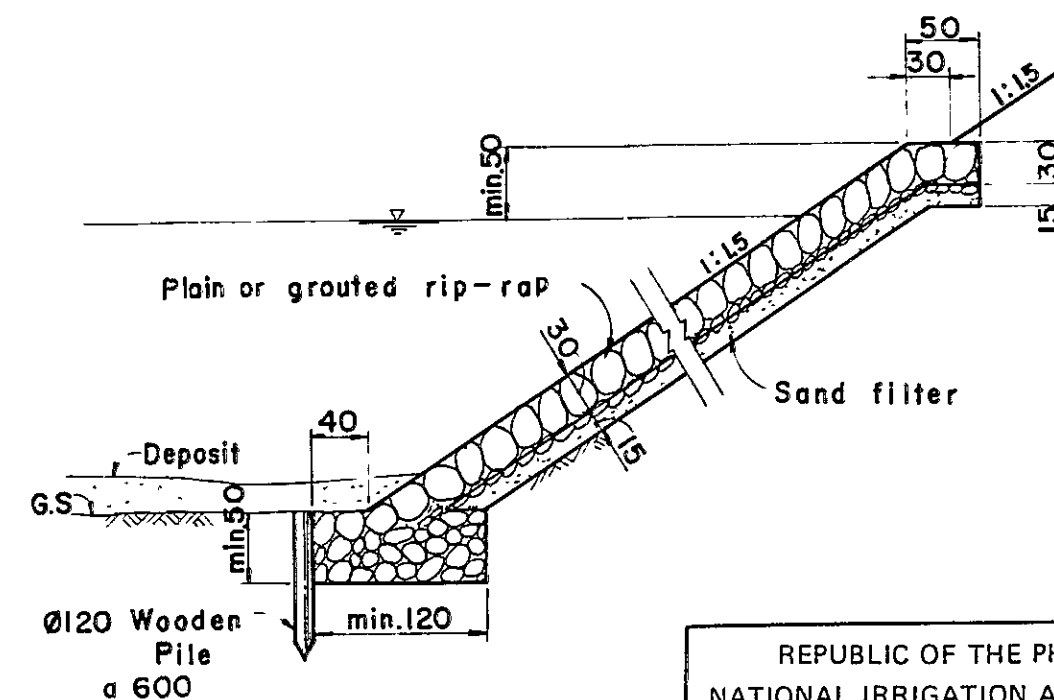
TYPICAL SECTION FOR INCLINED GROUND SURFACE



CONCRET LINING

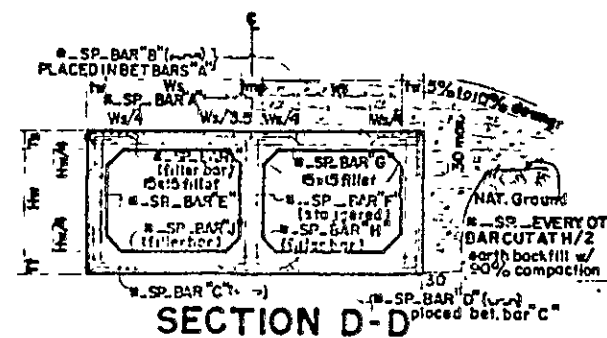
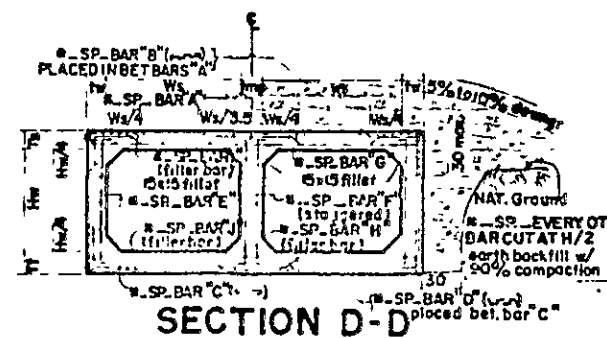
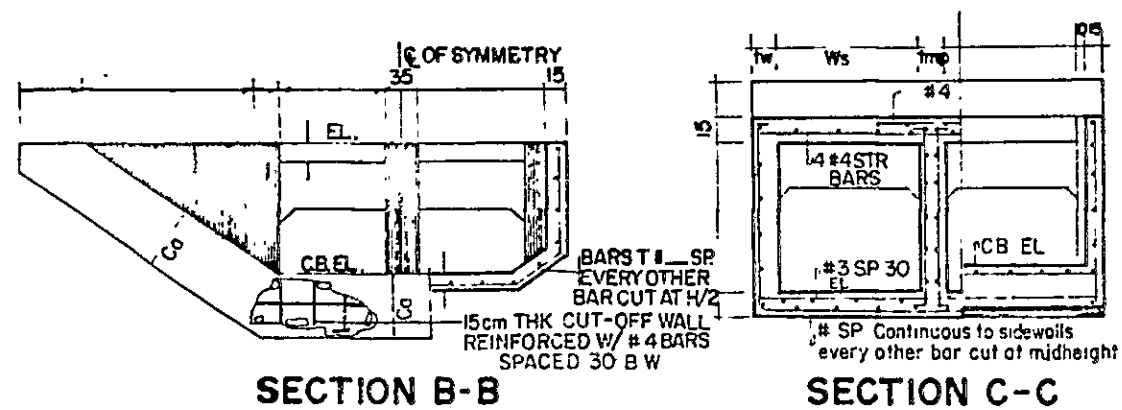
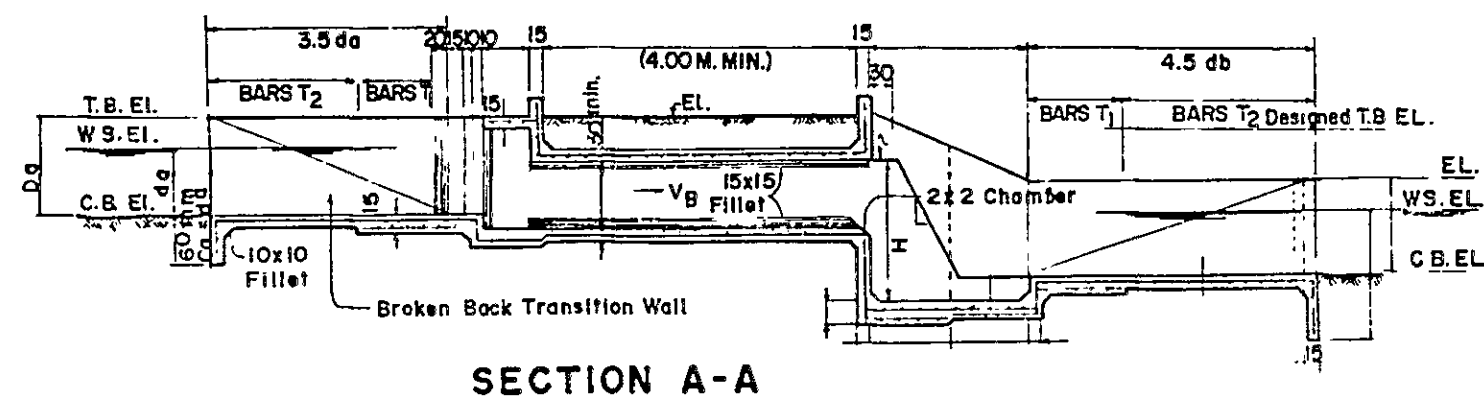
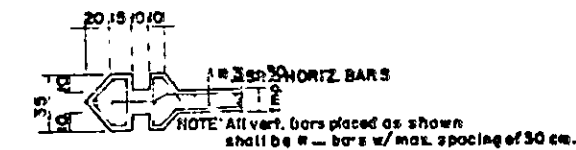
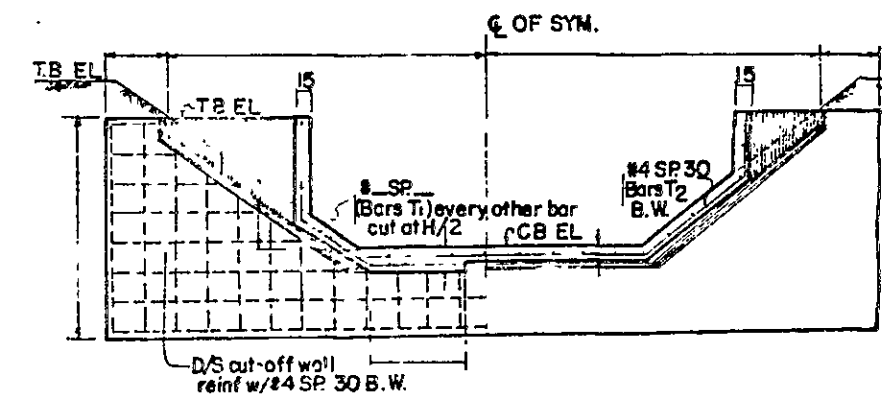
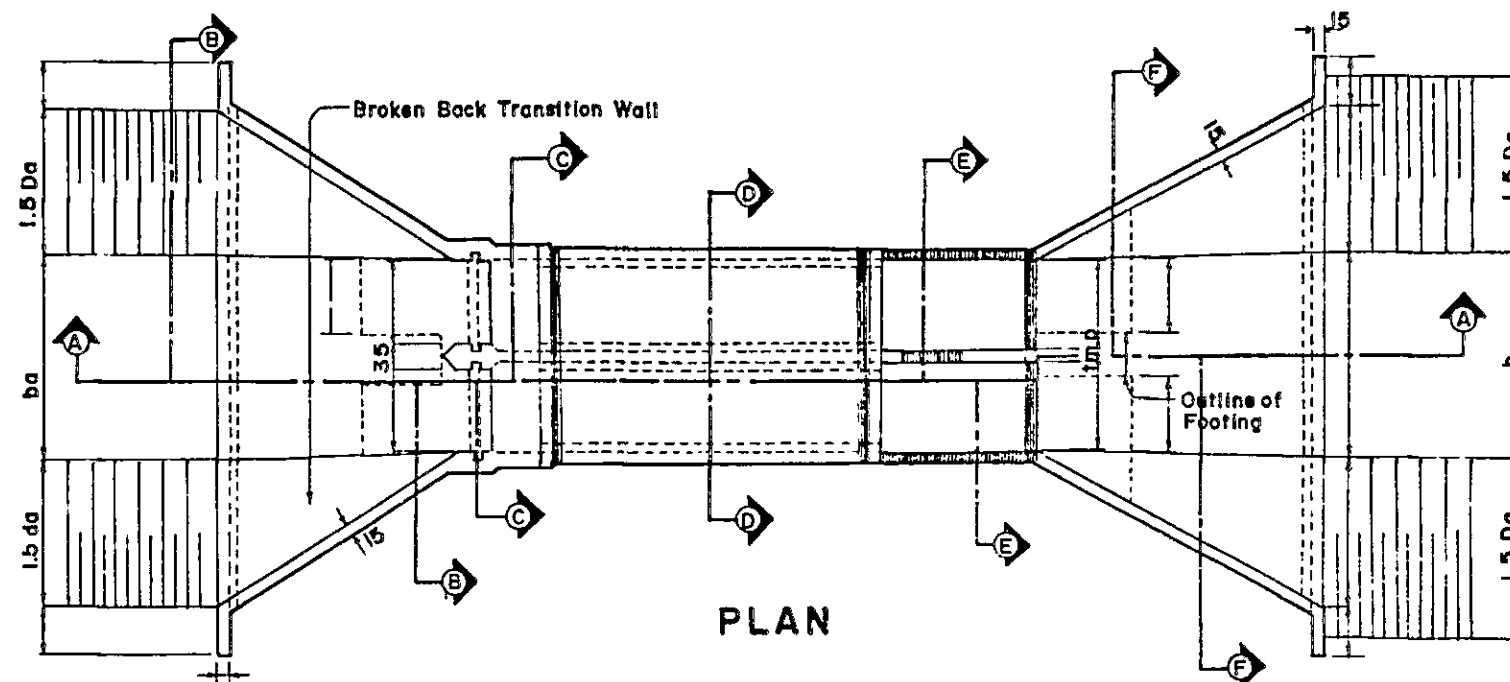


TYPICAL SECTION FOR FLAT GROUND SURFACE

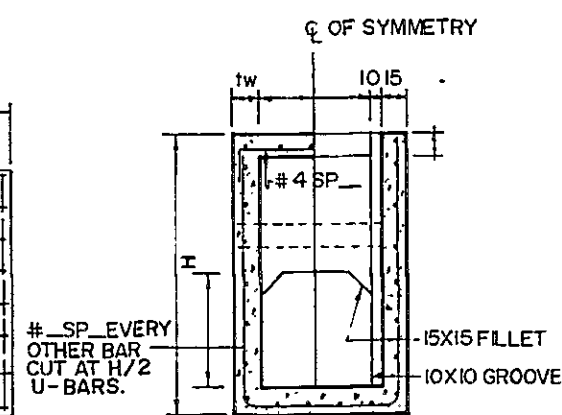
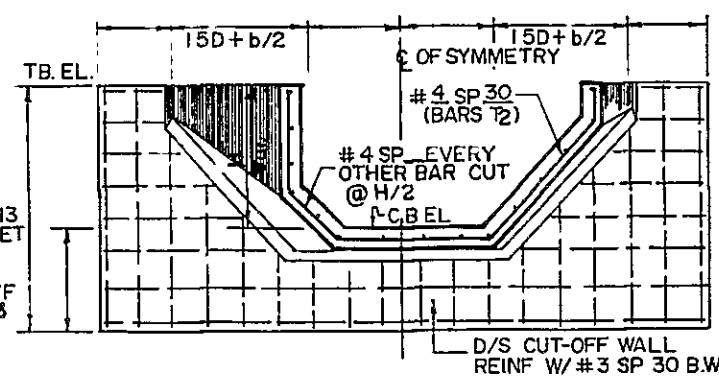
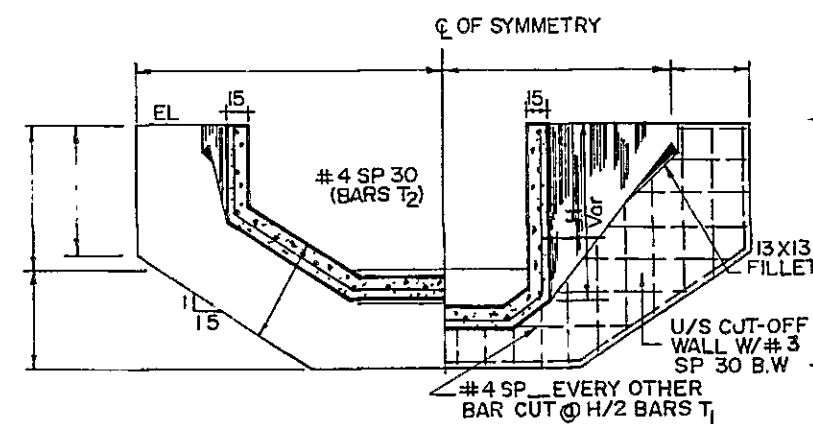
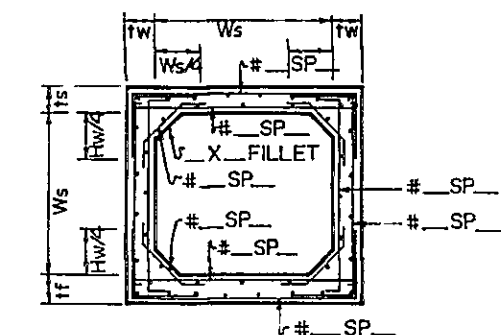
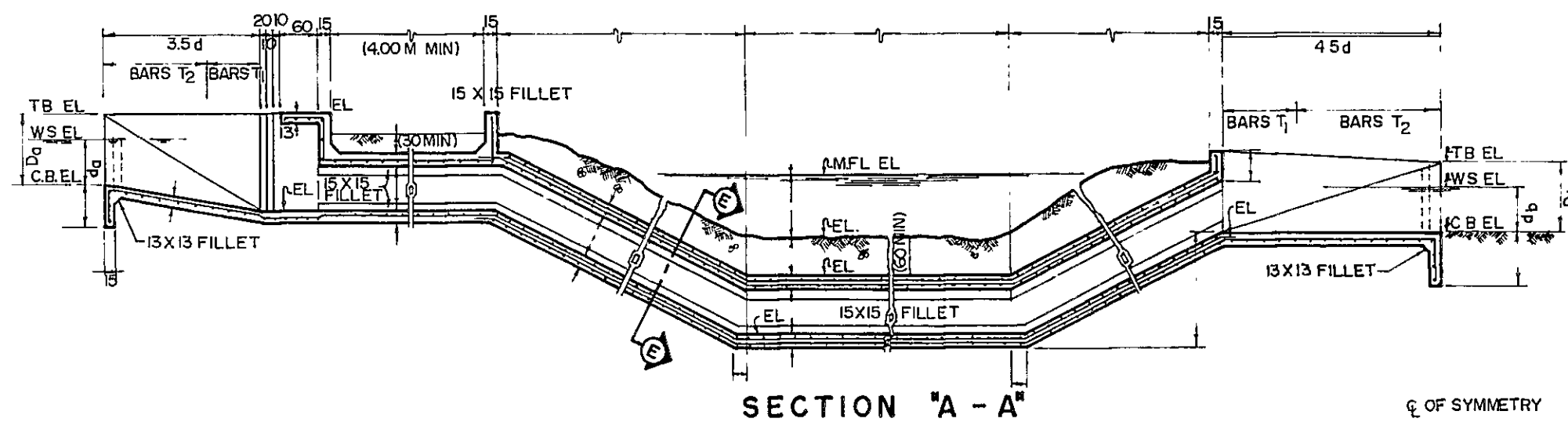
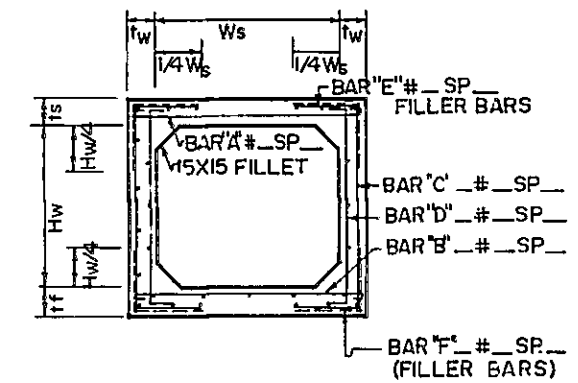
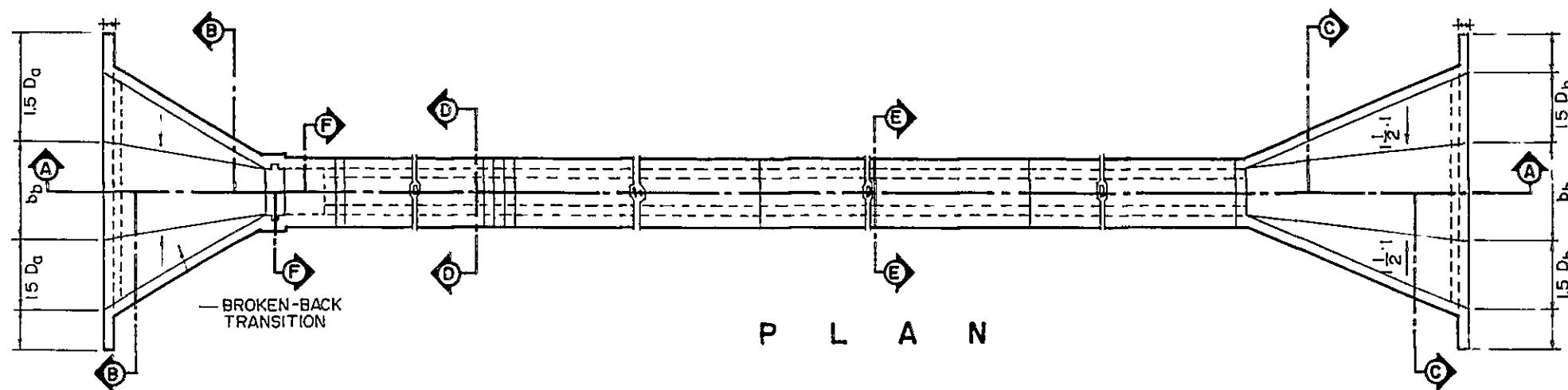


GRAVEL PAVEMENT

REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP TYPICAL SECTION OF IRRIGATION CANAL	
DRAWING NO.	INIS (II) - IC - 024
JAPAN INTERNATIONAL COOPERATION AGENCY	



REPUBLIC OF THE PHILIPPINES	
NATIONAL IRRIGATION ADMINISTRATION	
INIP	
TYPICAL ROAD CROSSING WITH CHECK AND DROP	
DRAWING NO.	INIS (II) - IC - 025
JAPAN INTERNATIONAL COOPERATION AGENCY	

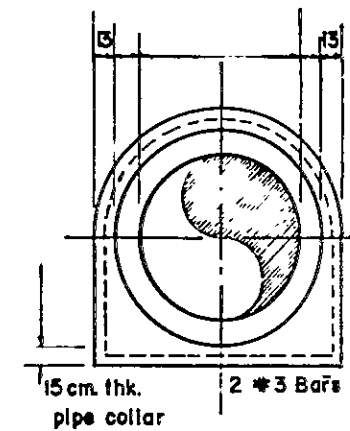
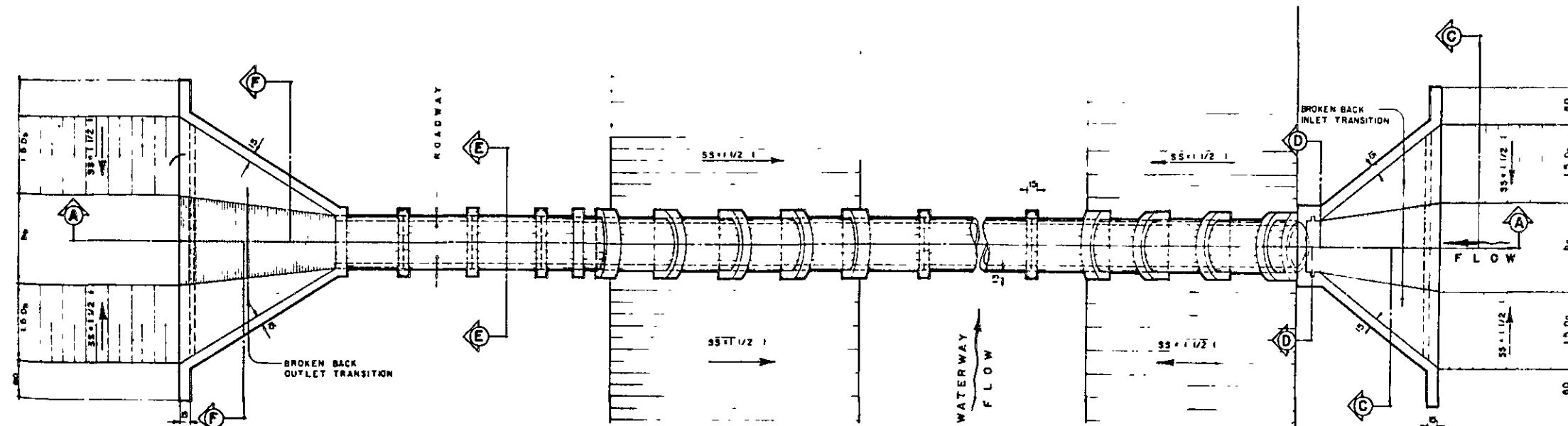


REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

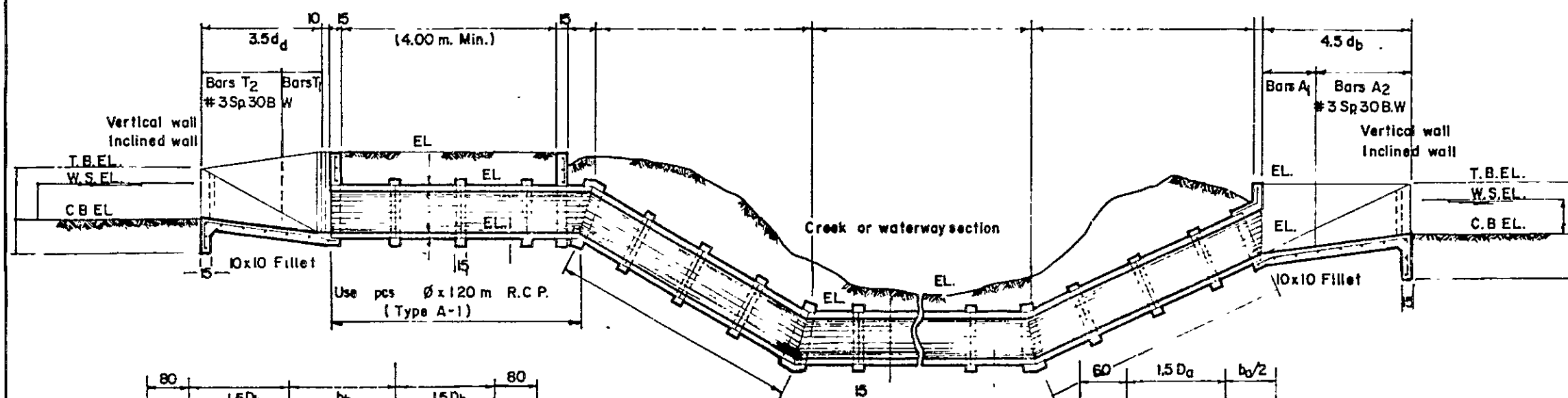
INIP
TYPICAL BOX SIPHON WITH CROSSING

DRAWING NO	INIS (II) - IC - 027
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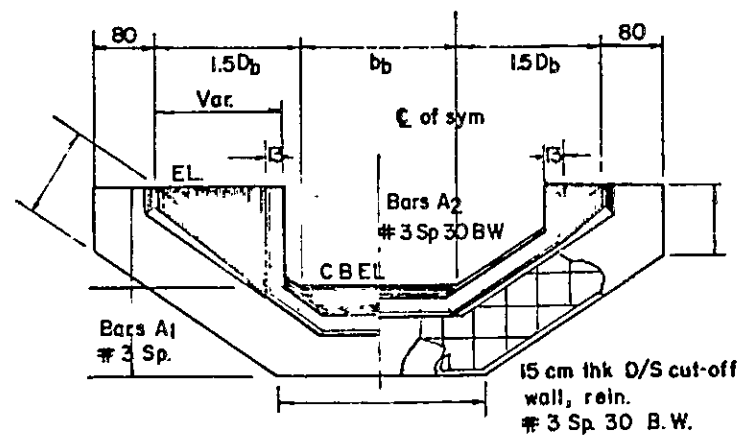
JAPAN INTERNATIONAL COOPERATION AGENCY



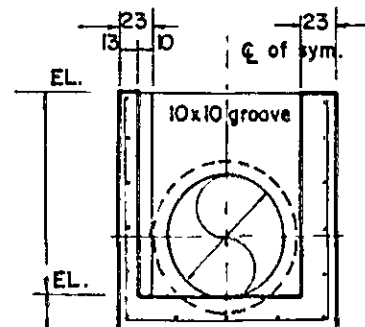
SECTION "E-E"



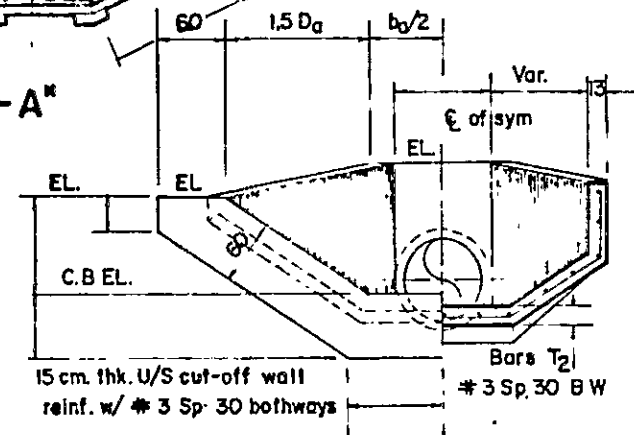
SECTION "A-A"



SECTION "F-F"



SECTION "D-D"



SECTION "C-C"

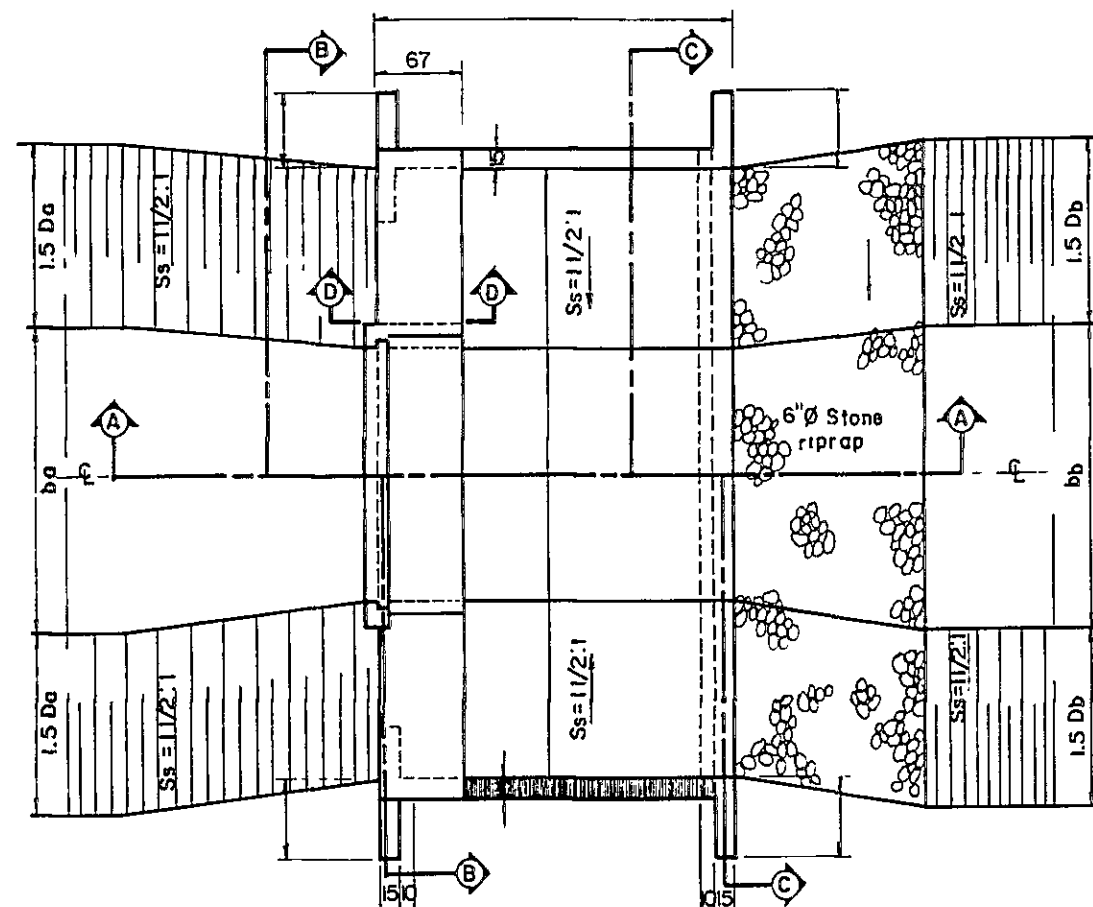
REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

INIP
TYPICAL RCP SIPHON WITH CROSSING

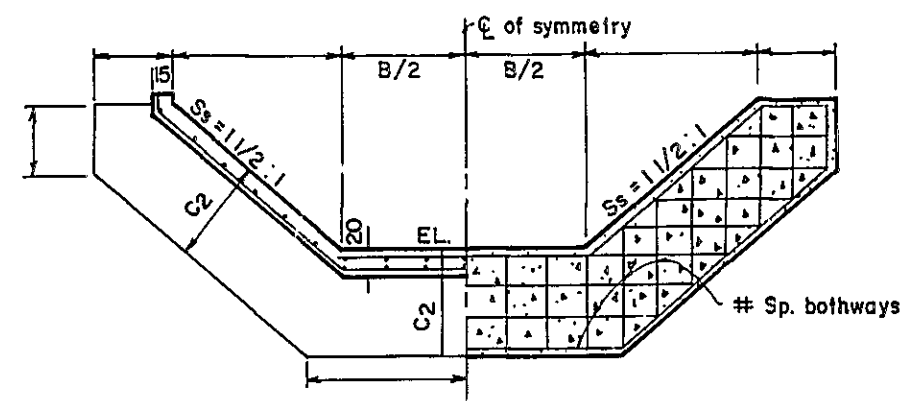
DRAWING NO.

INIS (II) - IC - 028

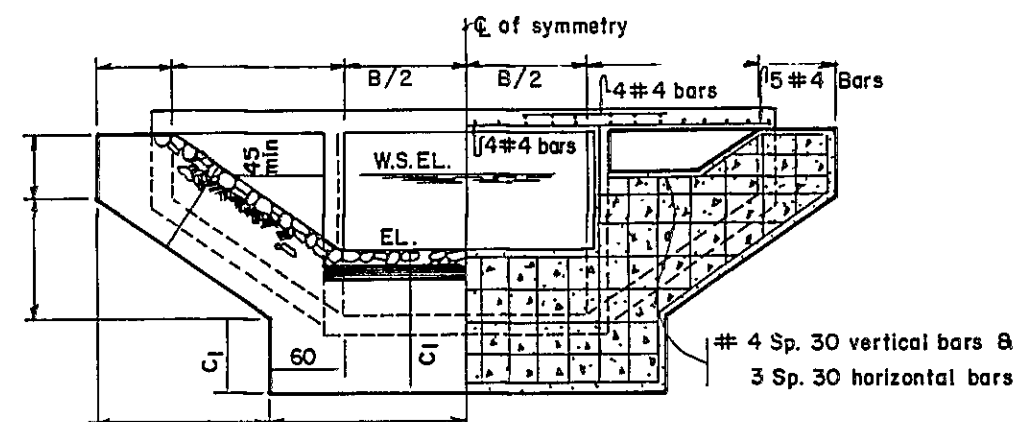
JAPAN INTERNATIONAL COOPERATION AGENCY



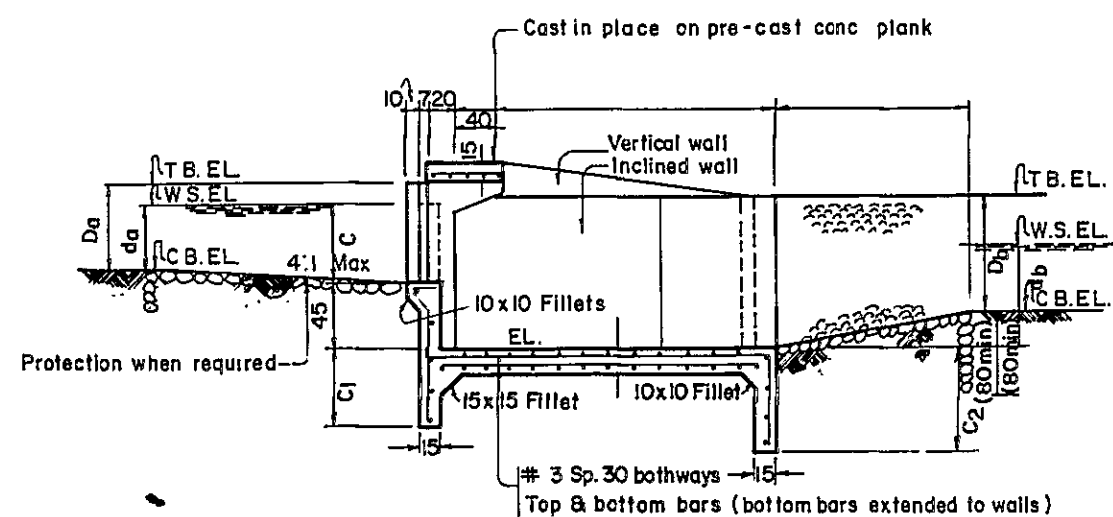
PLAN



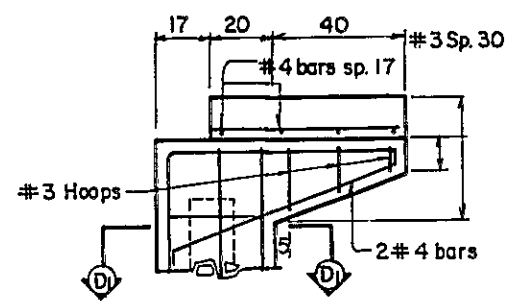
SECTION "C-C"



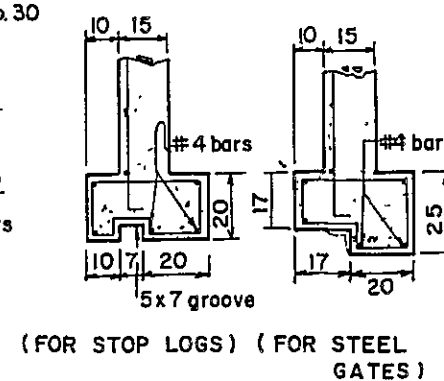
SECTION "B-B"



LONGITUDINAL SECTION "A-A"

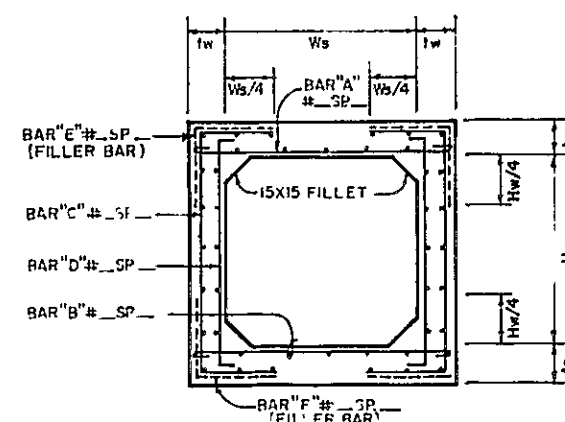
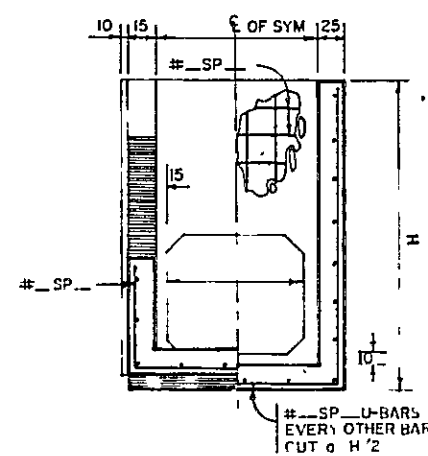
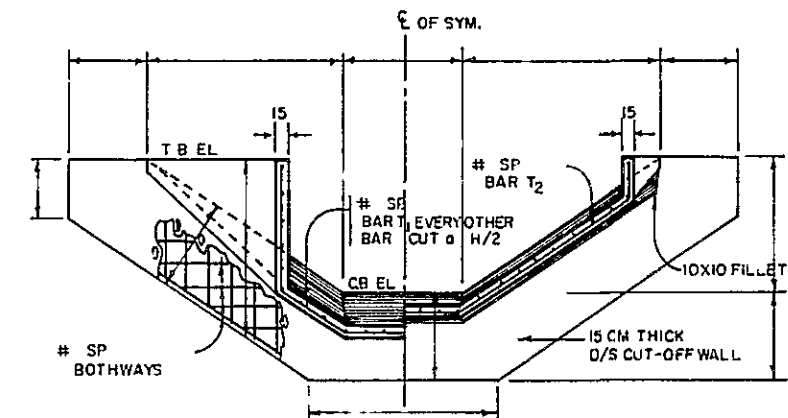
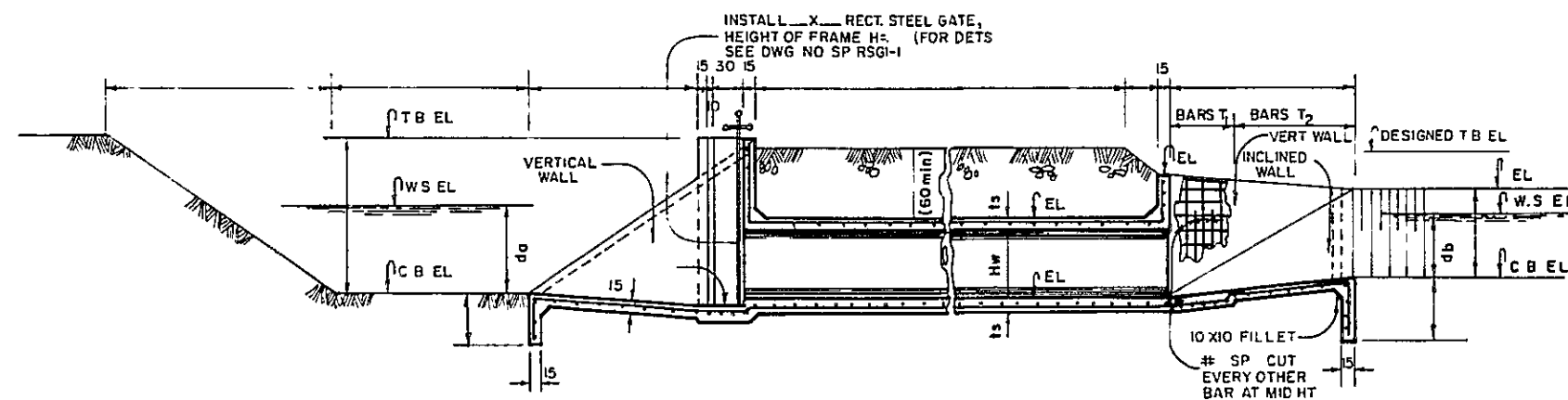
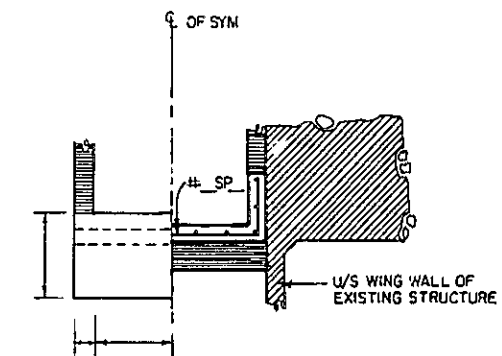
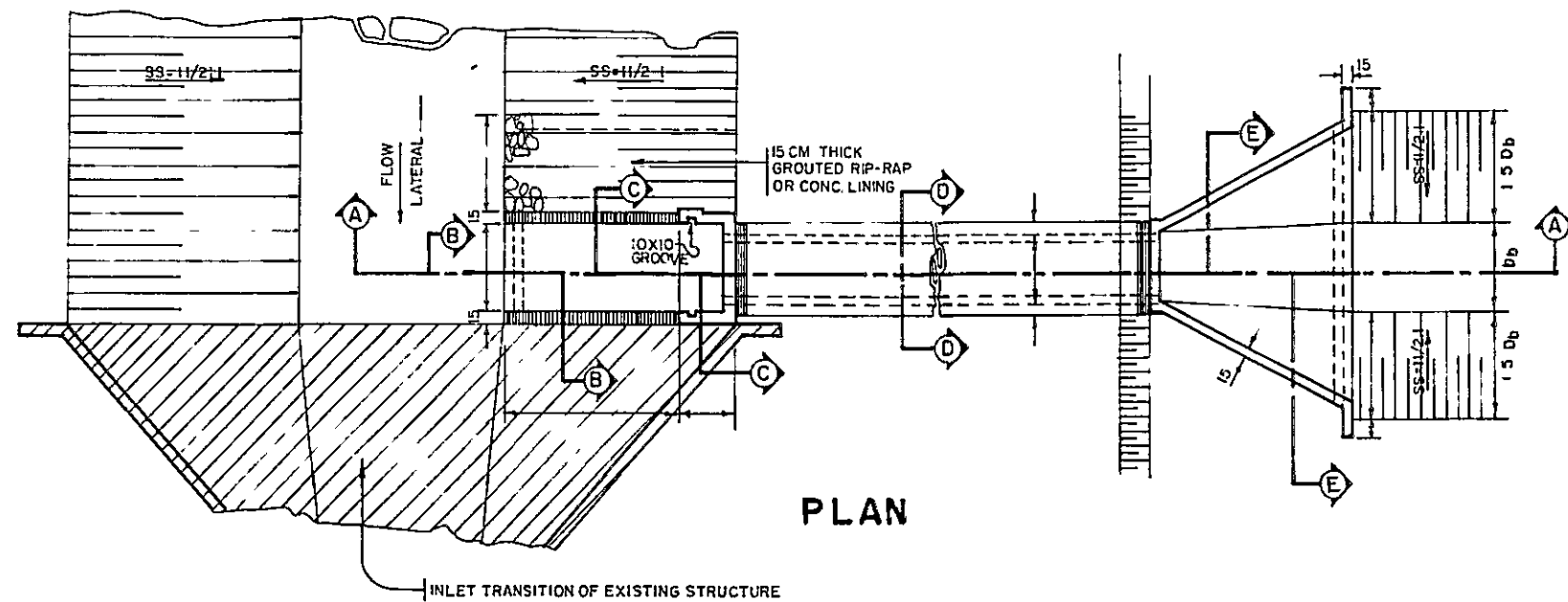


SECTION "D-D"



SECTION "D1-D1"

REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP TYPICAL CHECK AND VERTICAL DROP	
DRAWING NO.	INIS (II) - IC - 029
JAPAN INTERNATIONAL COOPERATION AGENCY	



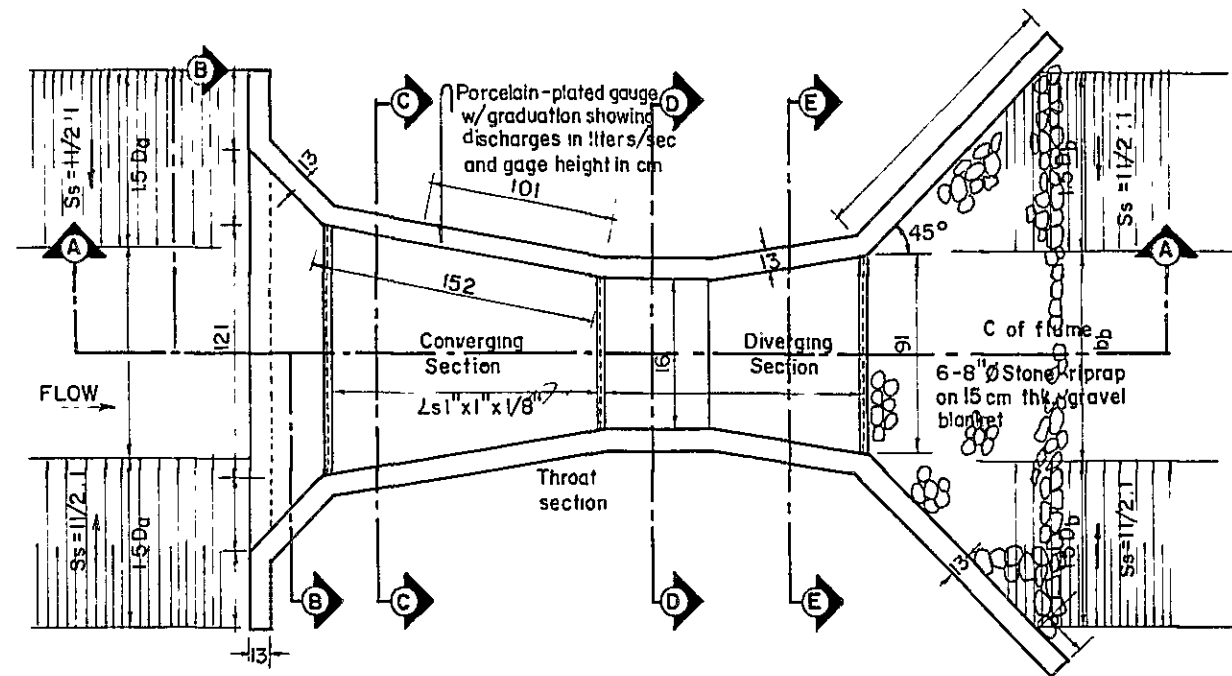
REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

INIP
TYPICAL HEADGATE WITH BOX CULVERT

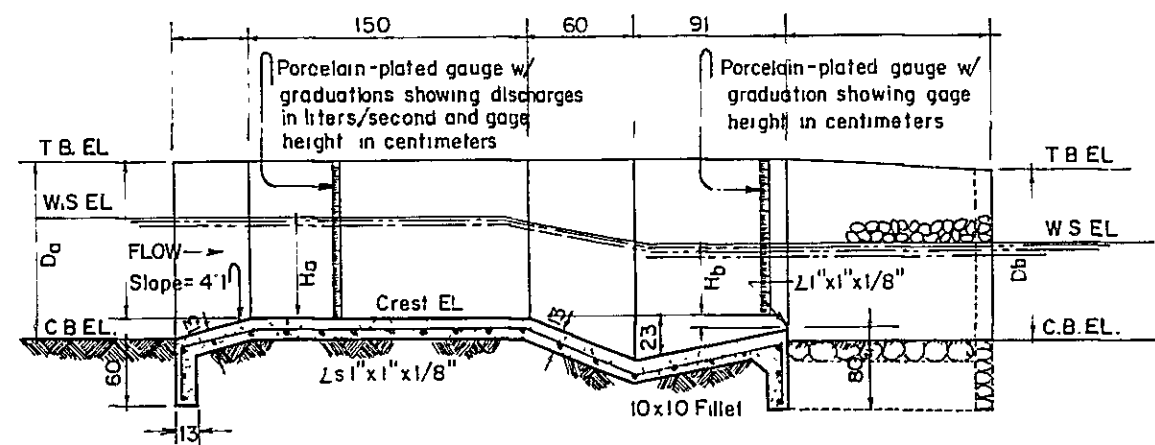
DRAWING NO	INIS (II) - IC - 031
JAPAN INTERNATIONAL COOPERATION AGENCY	



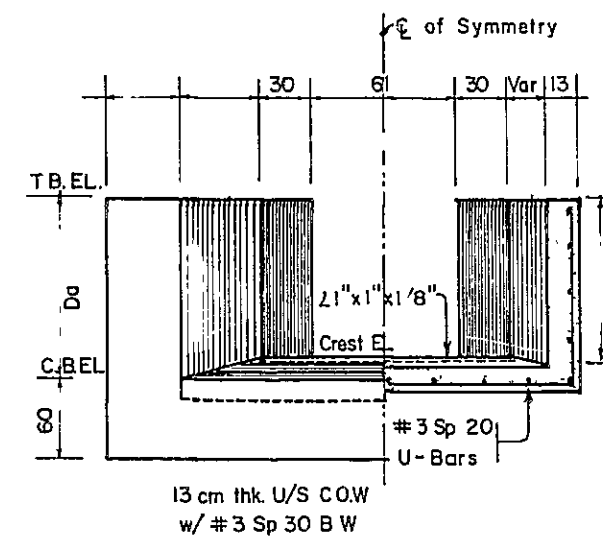
REPUBLIC OF THE PHILIPPINES	
NATIONAL IRRIGATION ADMINISTRATION	
INIP	
TYPICAL HEADGATE WITH PIPE CULVERT	
DRAWING NO.	INIS (II) - IC - 032
JAPAN INTERNATIONAL COOPERATION AGENCY	



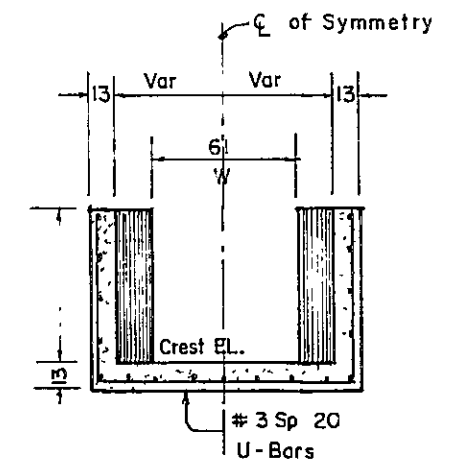
PLAN



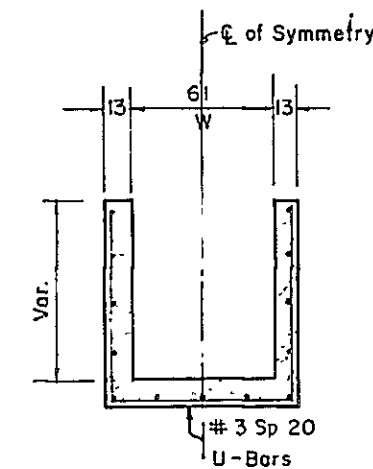
LONGITUDINAL SECTION "A-A"



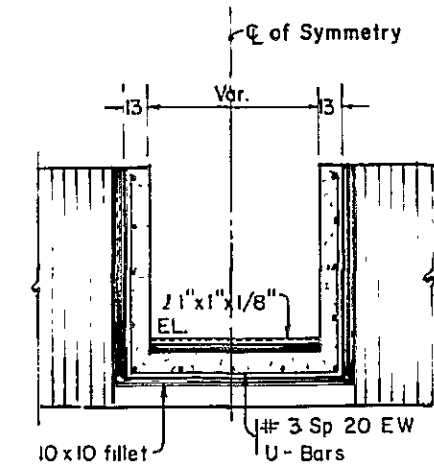
SECTION "B-B"



SECTION "C-C"

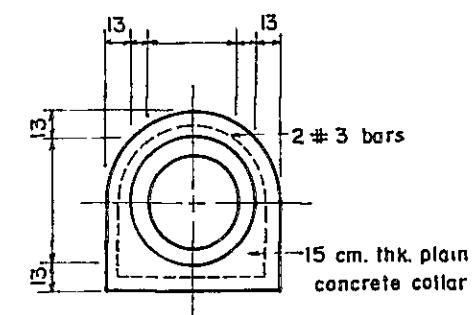
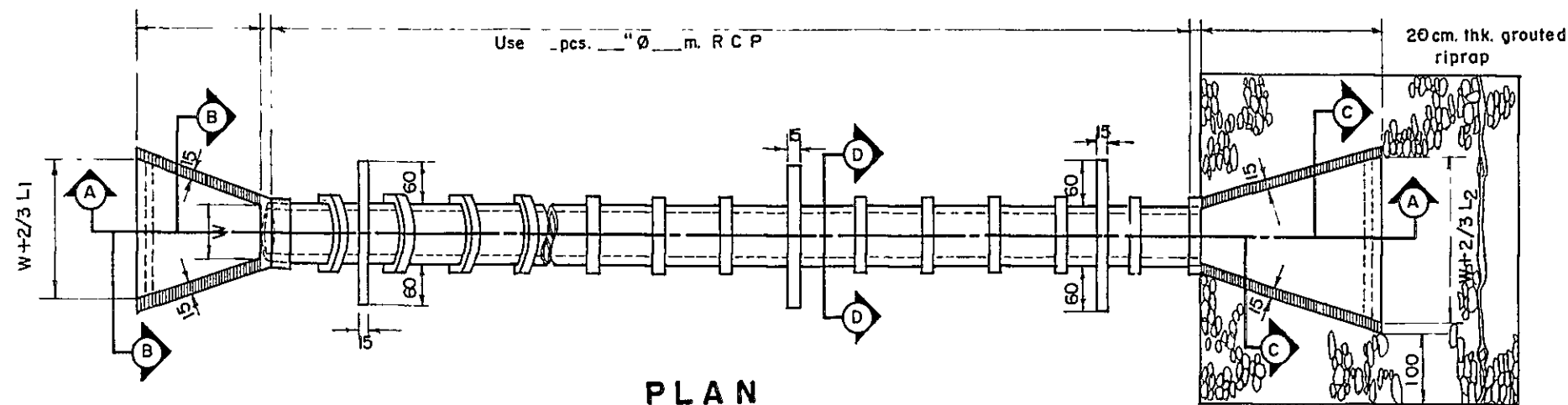


SECTION "D-D"

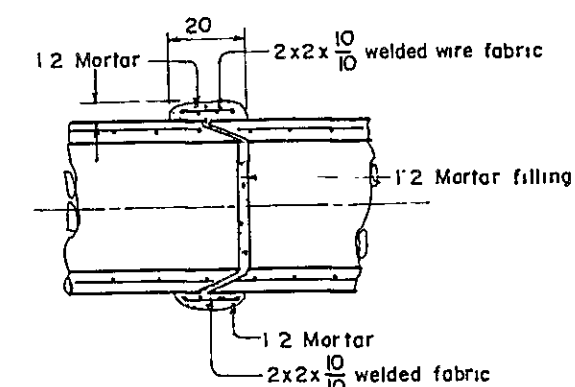
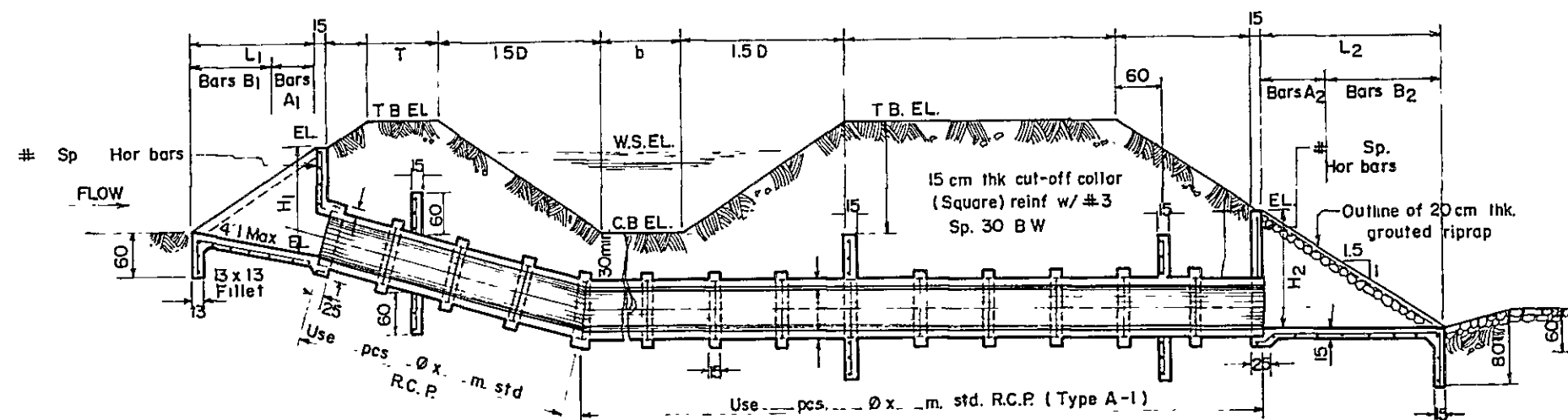


SECTION "E-E"

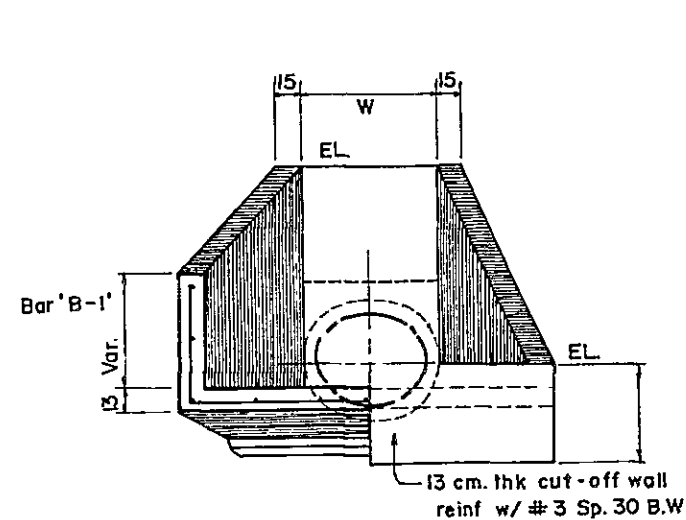
REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP TYPICAL PARSHALL FLUME	
DRAWING NO	INIS (II) - IC - 033
JAPAN INTERNATIONAL COOPERATION AGENCY	



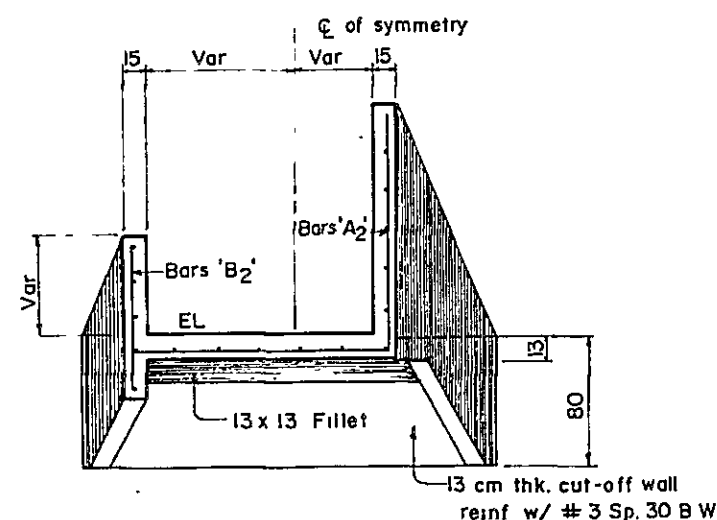
SECTION "D-D"



ALTERNATE PIPE COLLAR

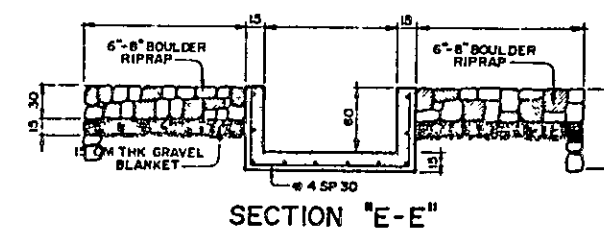
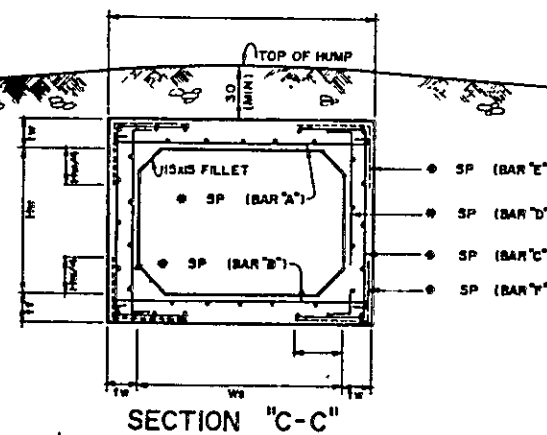
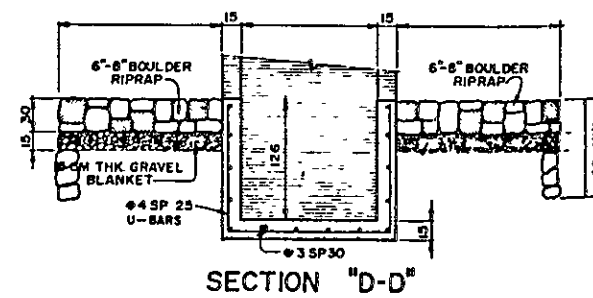
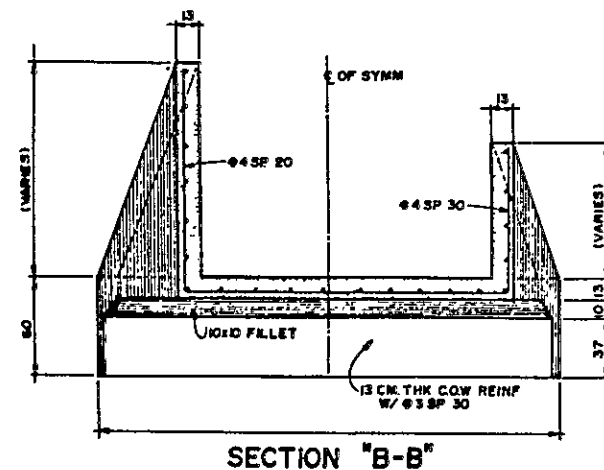
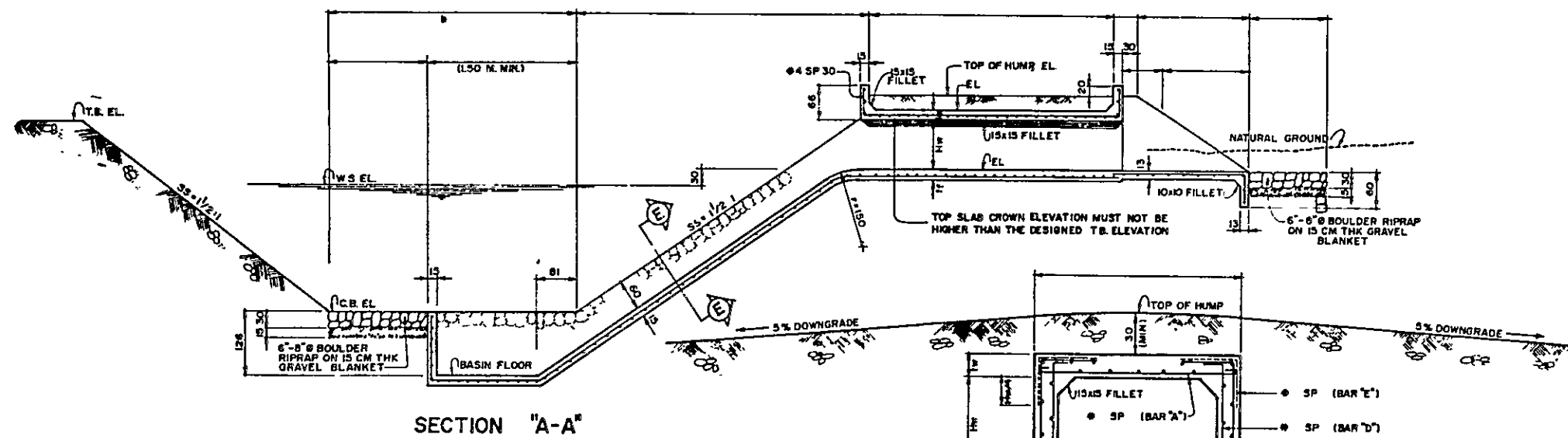
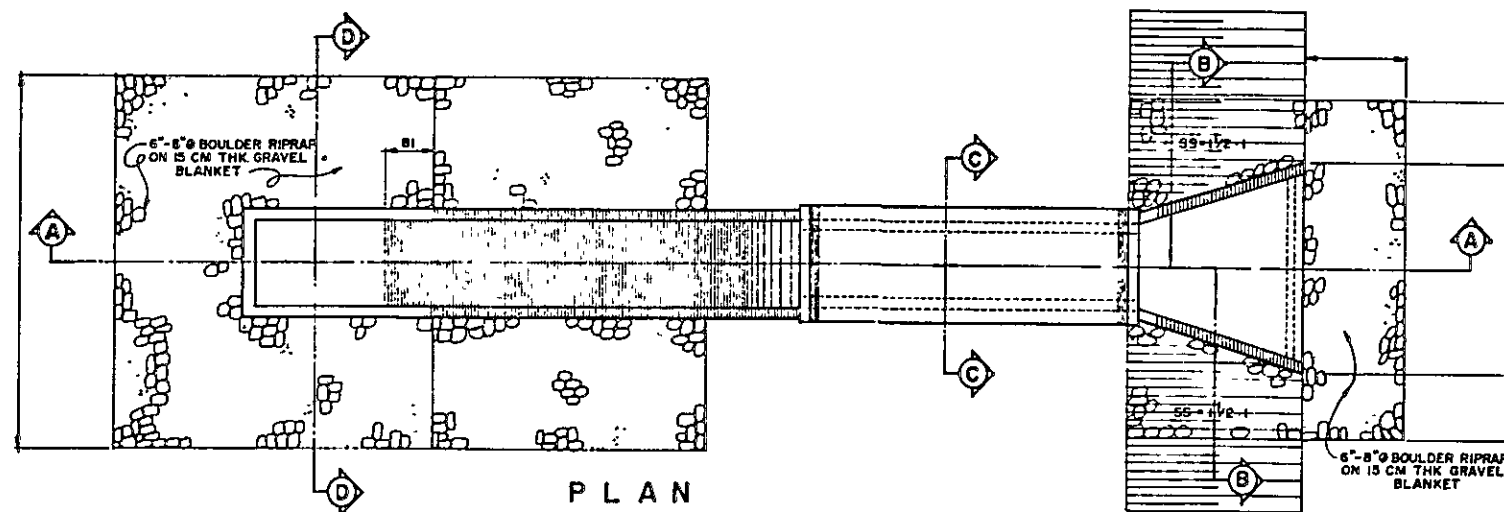


SECTION "B-B"

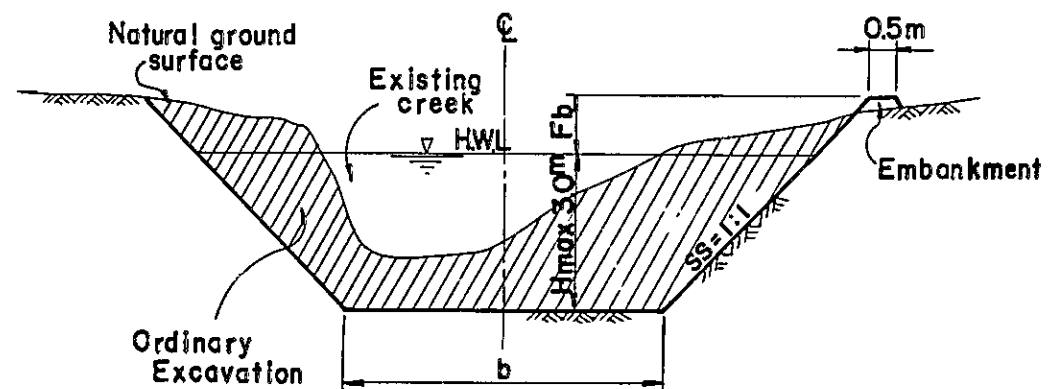


SECTION "C-C"

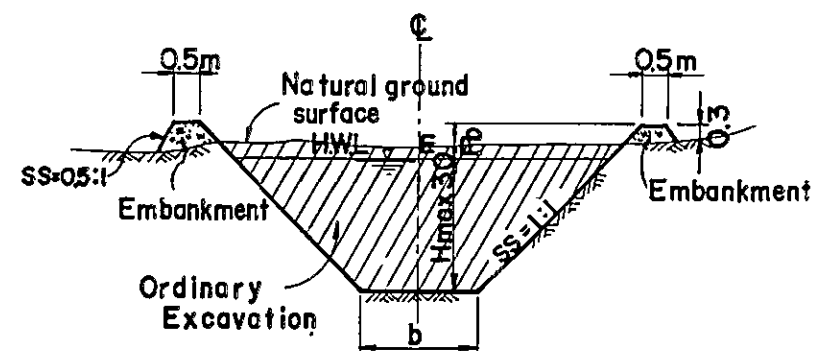
REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP TYPICAL DRAINAGE CULVERT	
DRAWING NO.	INIS (II) - IC - 034
JAPAN INTERNATIONAL COOPERATION AGENCY	



REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP TYPICAL DRAINAGE INLET	
DRAWING NO.	INIS (II) - IC - 035
JAPAN INTERNATIONAL COOPERATION AGENCY	

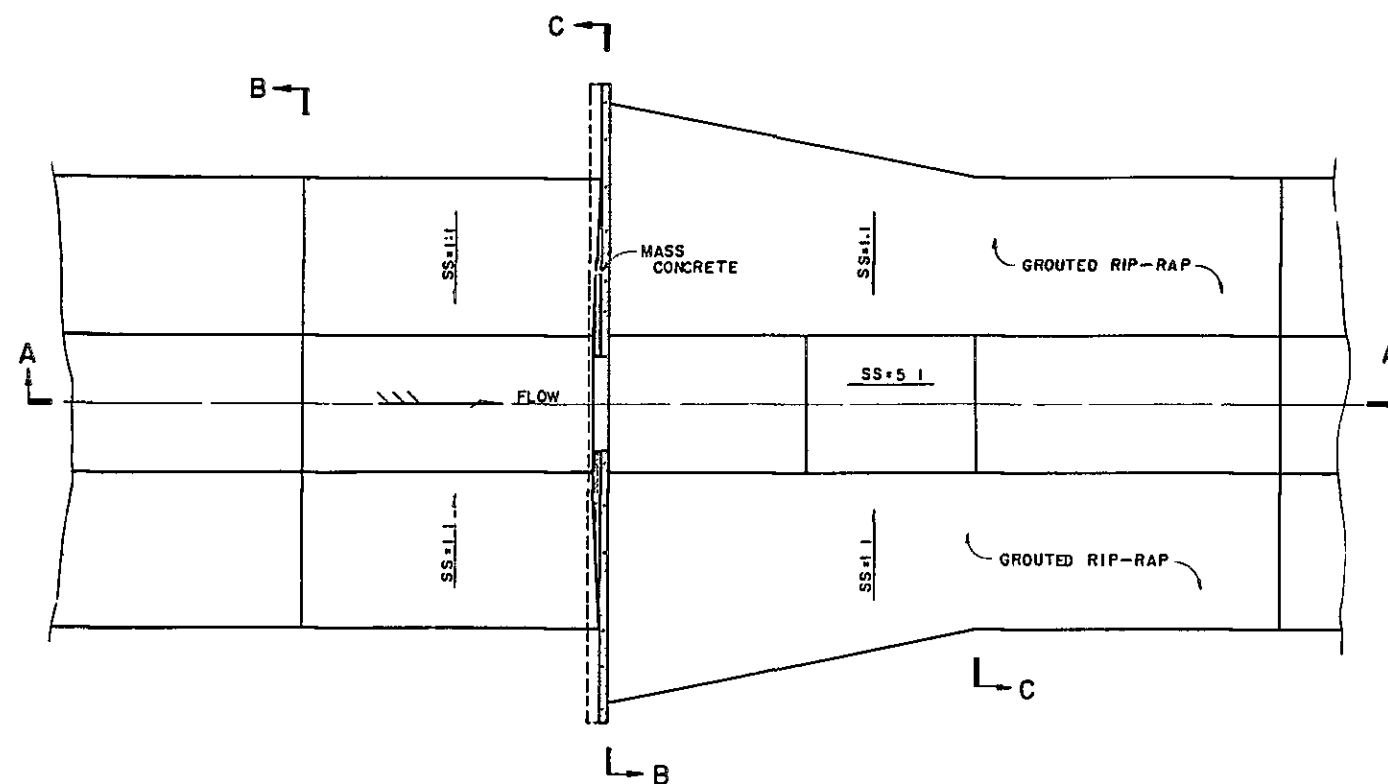


TYPICAL SECTION OF IMPROVEMENT CANALS

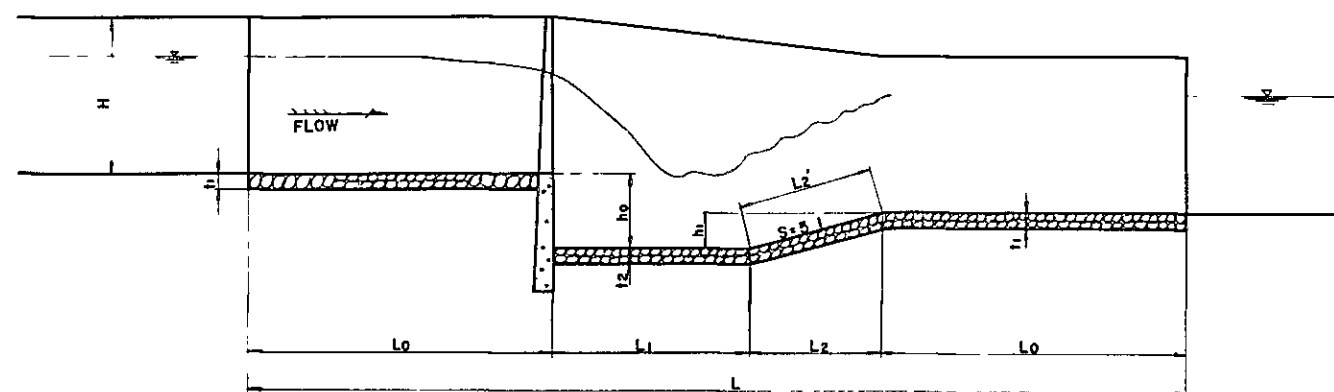


TYPICAL SECTION OF NEWLY CONSTRUCTED CANALS

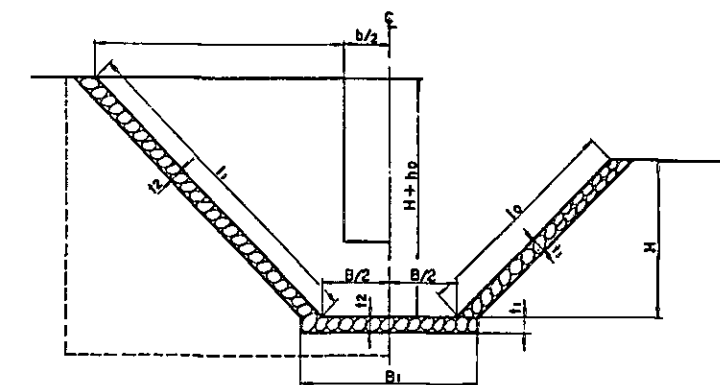
REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP TYPICAL DRAINAGE CANAL SECTION	
DRAWING NO.	INIS (II) - DC - 036
JAPAN INTERNATIONAL COOPERATION AGENCY	



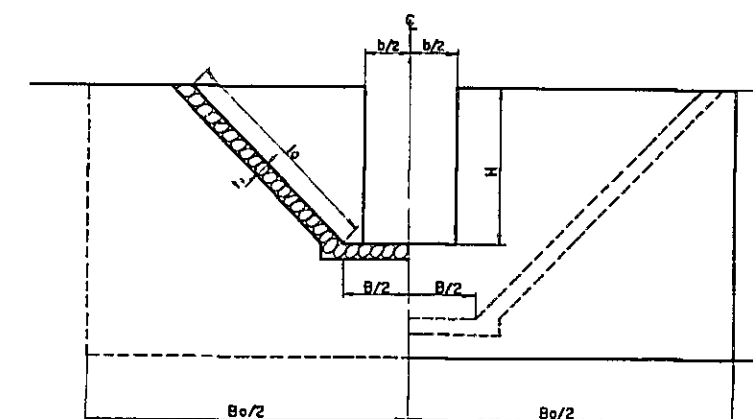
PLAN



SECTION "A-A"



SECTION "B-B"



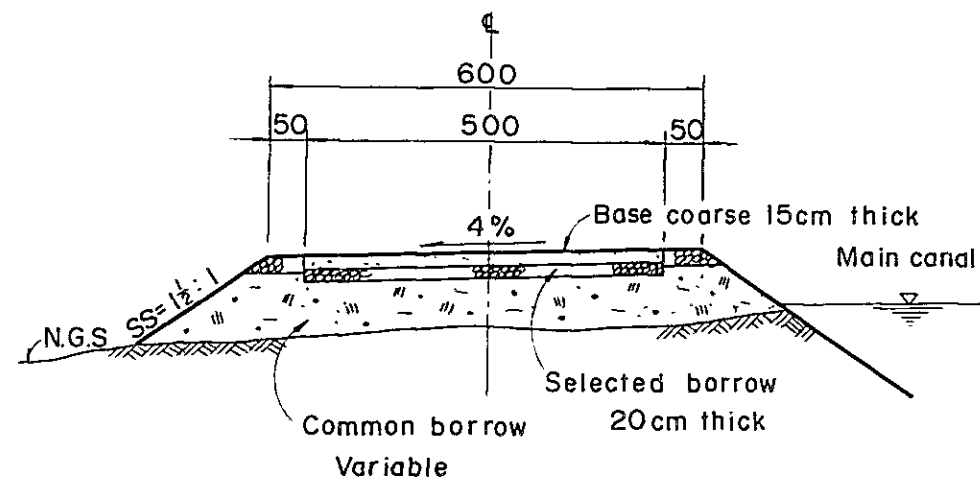
SECTION "C-C"

DIMENSION

TYPE	H	L ₀	L ₁	L ₂	L	H	h ₀	h ₁	t ₁	t ₂	B	b	l ₀	H ₁	B ₀	l ₁	B ₁	t ₃	t ₄	L ₂	(UNIT m)	
I	3.0	8.0	5.2	4.5	25.7	4.0	1.9	0.9	0.4	0.4	3.5	2.4	4.0	7.3	16.3	5.9	4.63	0.15	0.6	4.59		
II	1.3	3.6	3.5	3.0	10.1	1.7	1.6	0.6	0.3	0.3	1.1	1.0	1.7	4.6	8.7	3.3	1.95	0.15	0.5	3.06		
III	0.9	2.8	2.9	2.5	8.2	1.2	1.5	0.5	0.3	0.3	0.9	0.7	1.2	4.0	7.3	2.7	1.55	0.15	0.4	2.55		

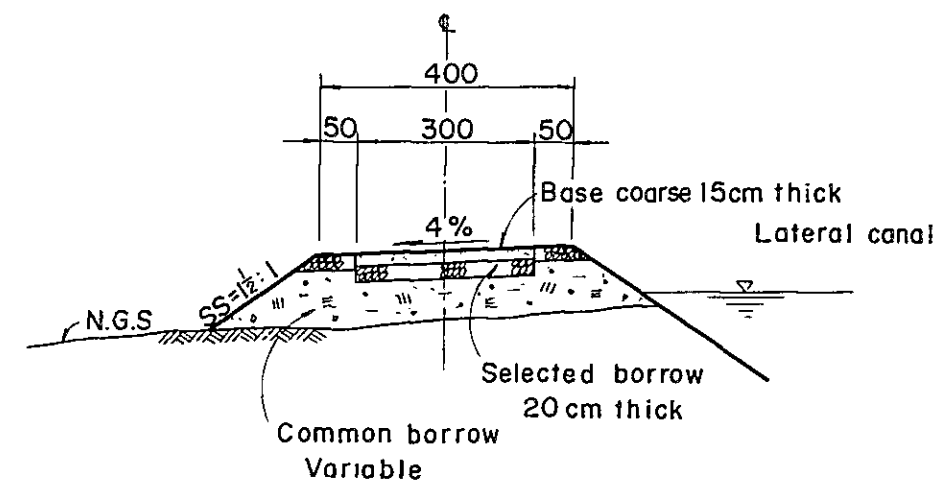
REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP TYPICAL DRAINAGE DROP	
DRAWING NO.	INIS (II) - DC - 037
JAPAN INTERNATIONAL COOPERATION AGENCY	

TYPE A



SERVICE ROAD ALONG MAIN CANALS

TYPE B



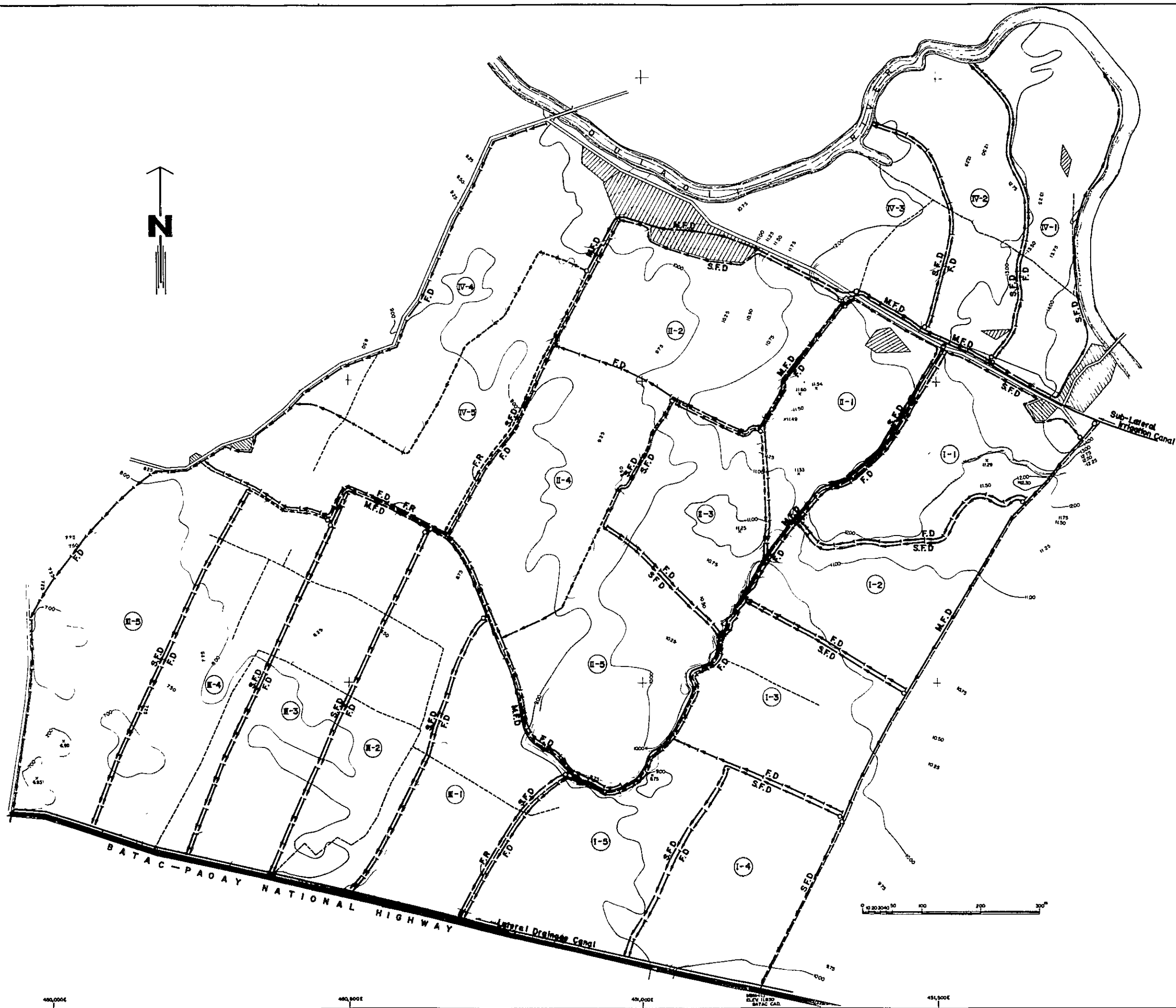
SERVICE ROAD ALONG LATERAL CANALS

REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

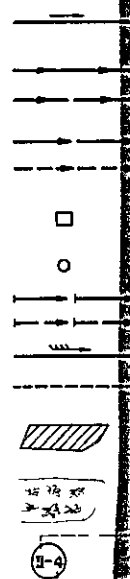
INIP
TYPICAL ROAD SECTION

DRAWING NO. INIS (II) - RW - 038

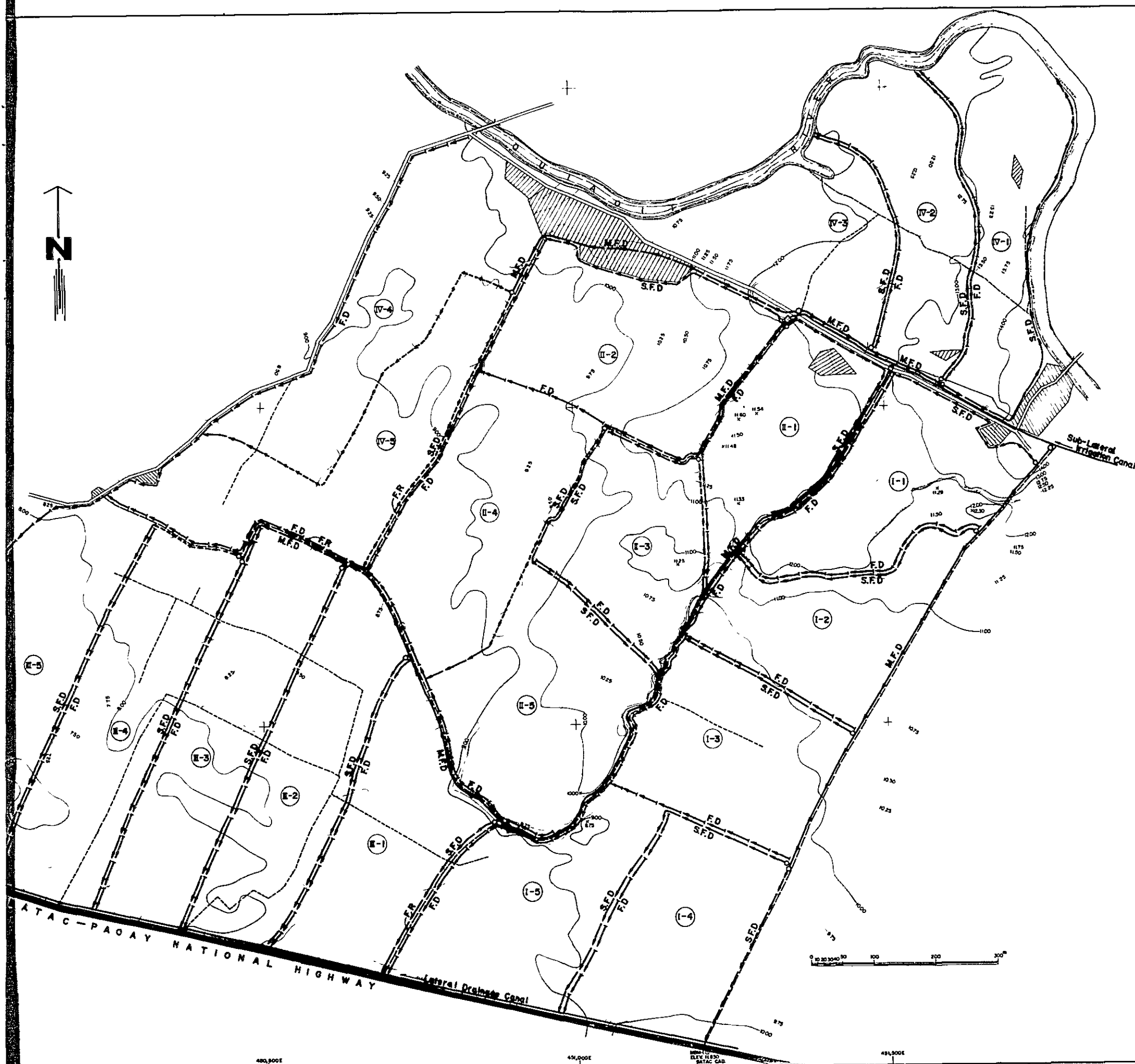
JAPAN INTERNATIONAL COOPERATION AGENCY



REGEND



REPUE
NATIONAL
INIP
LAYOUT OF
AREA No. 1
DRAWING NO
JAPAN INTER



REGENO

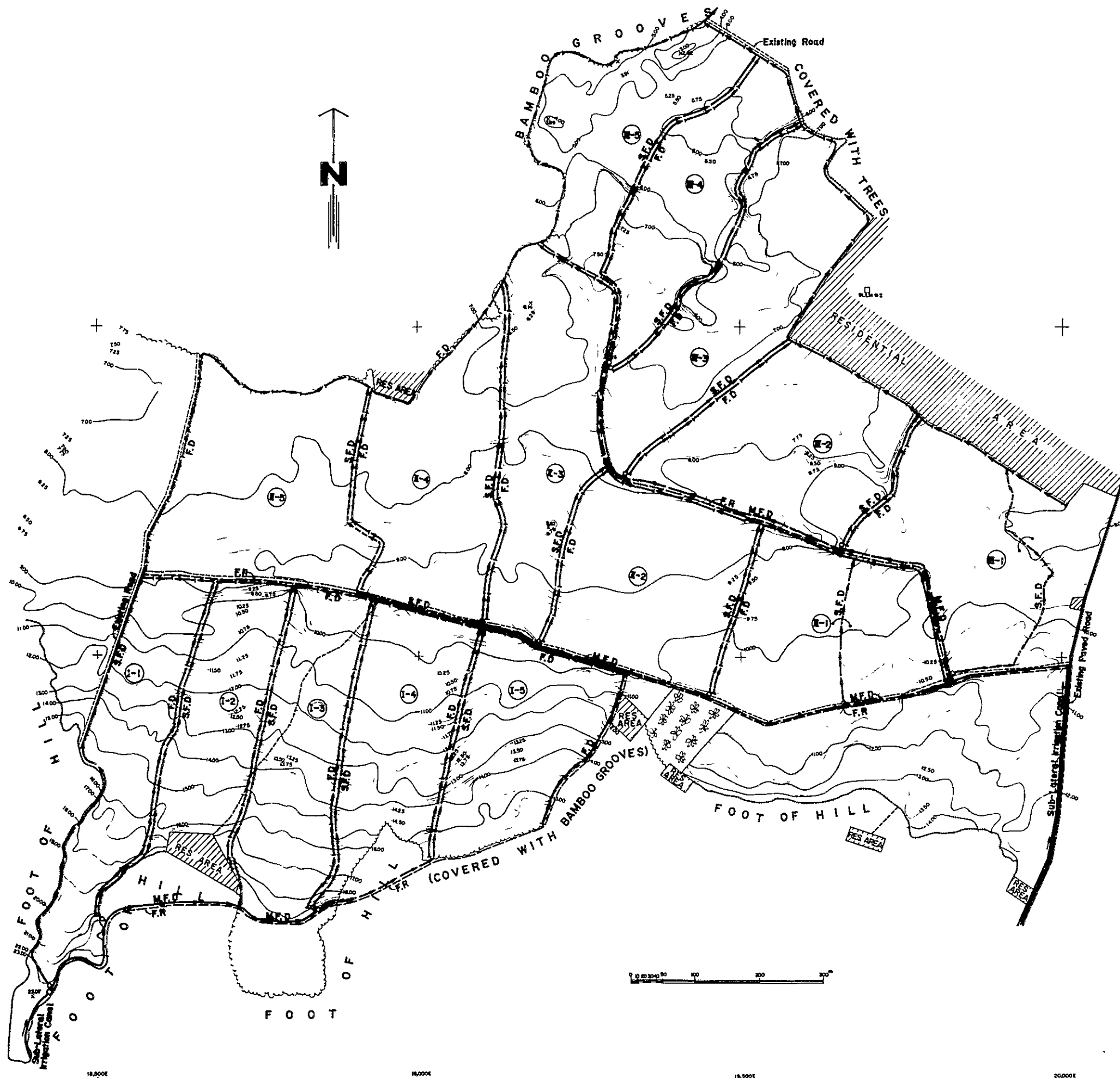
- Lateral Irrigation Canal or Sub-Lateral Irrigation Canal
- Main Farm Ditch (M.F.D.)
- Main Farm Ditch (M.F.D.) Using Existing Canal
- Supplementary Farm Ditch (S.F.D.)
- Supplementary Farm Ditch (S.F.D.) Using Existing Canal
- Turn-Out
- Diversion Box
- Farm Drain (F.D.)
- Farm Drain Using Existing Canal (F.D.)
- Lateral Drainage Canal
- Farm Road (FR)
- Residential Area
- Orchard
- Rotational Area NO
- Rotational Unit NO

REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

INIP
LAYOUT OF ON-FARM FACILITY (SAMPLE
AREA No. 1)

DRAWING NO. INIS(II)-OF-039

JAPAN INTERNATIONAL COOPERATION AGENCY



REGEND

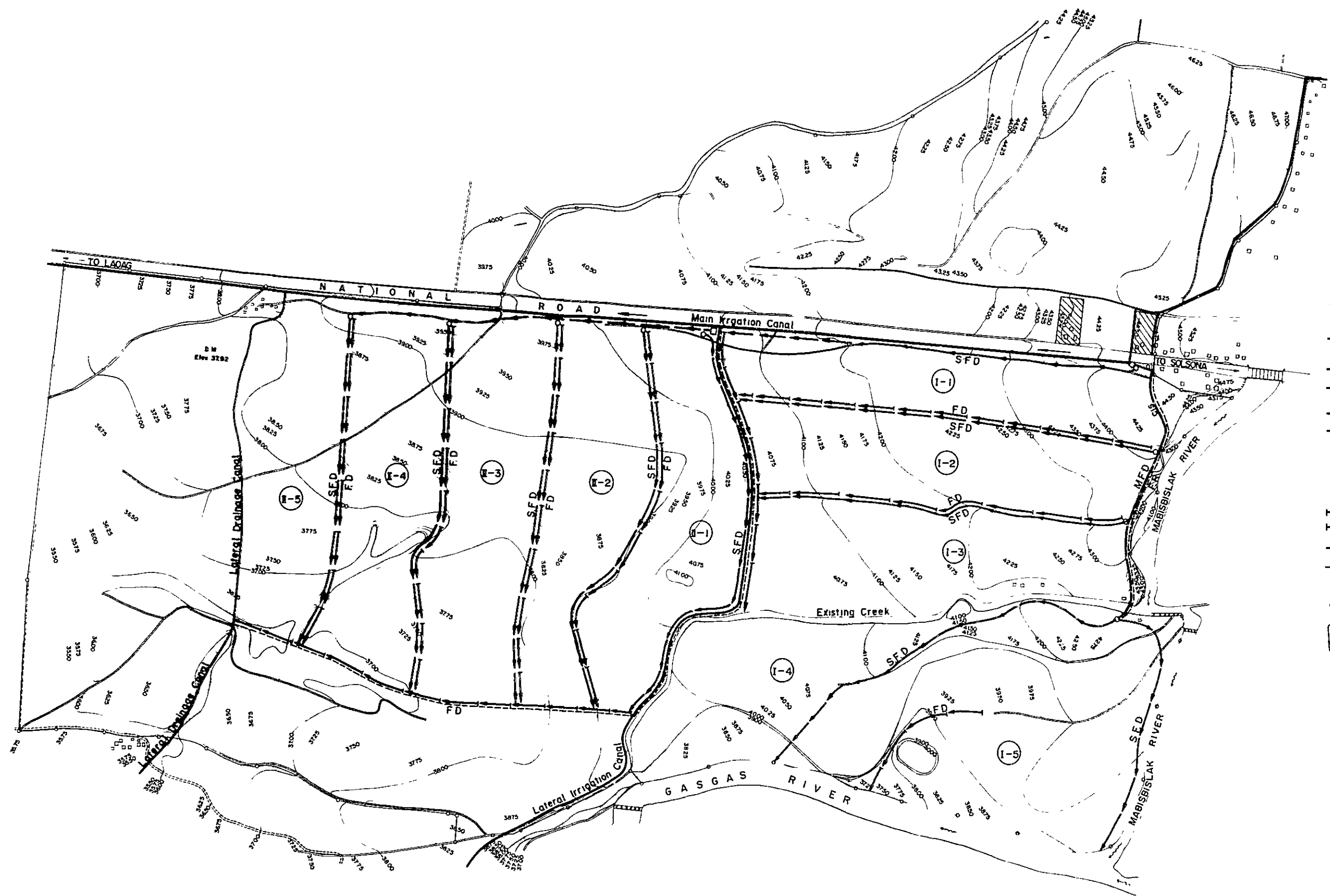
- Lateral Irrigation Canal or Sub-Lateral Irrigation Canal
- Main Farm Ditch (M.F.D.)
- Main Farm Ditch (M.F.D.) Using Existing Canal
- Supplementary Farm Ditch (S.F.D.)
- Supplementary Farm Ditch (S.F.D.) Using Existing Canal
- Turn-Out
- Diversion Box
- Farm Drain (F.D.)
- Farm Drain Using Existing Canal (F.D.)
- Lateral Drainage Canal
- Farm Road (F.R.)
- ▨ Residential Area
- ▨ Orchard
- ⊙ Rotational Area NO.
- ⊙ Rotational Unit NO.

REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

INIP
LAYOUT OF ON-FARM FACILITY (SAMPLE
AREA No. 2)

DRAWING NO. INIS(II)-OF-040

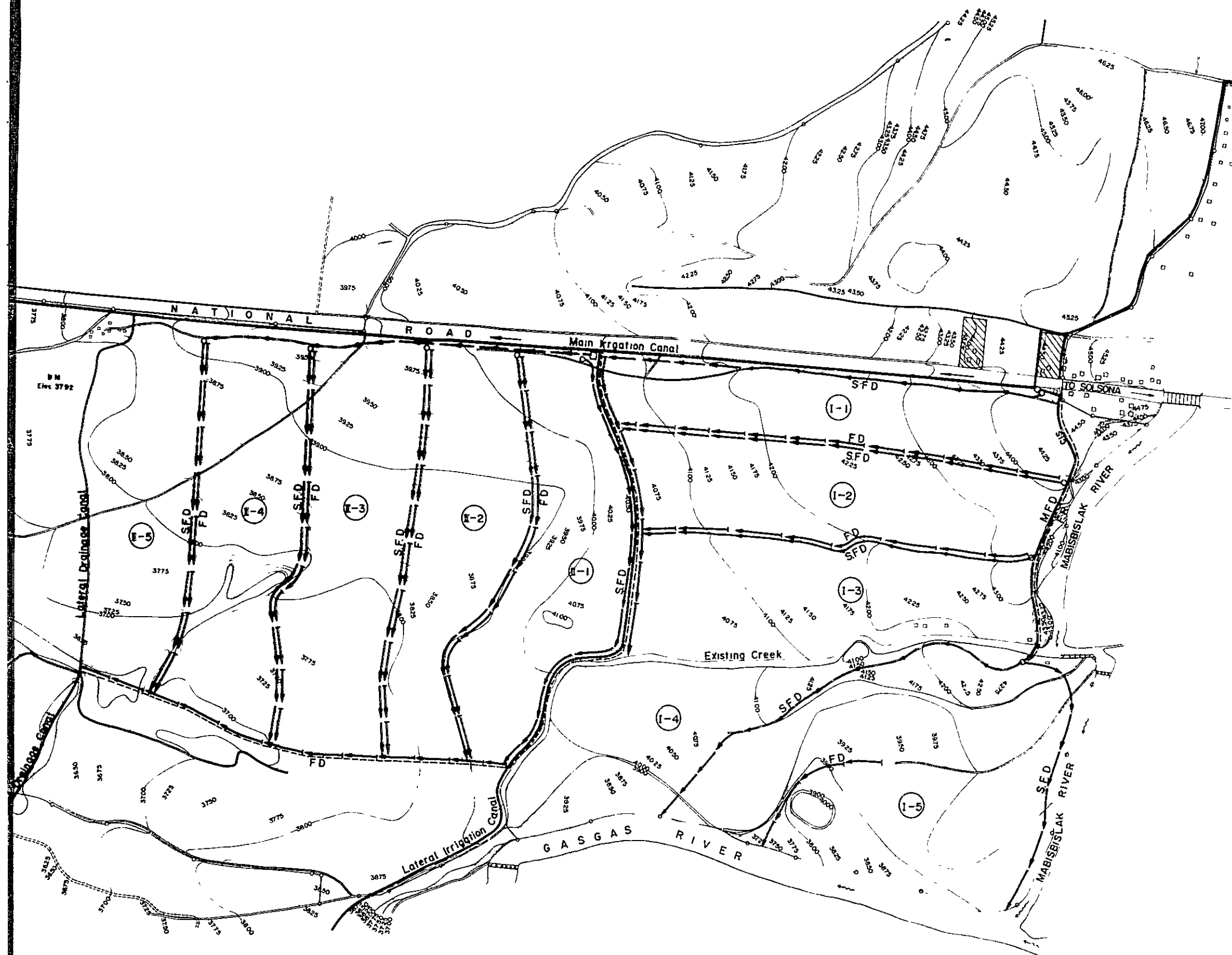
JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

- Lateral Sub-Lateral
- Main Farm Use
- Supplemental
- Turn-Out
- Diversions
- Farm Diversion
- Lateral Farm Rotation
- Residence
- Orchard
- Rotation

REPUBLIC OF
NATIONAL IRRIGATION
INIP
LAYOUT OF ON-FARM
AREA No. 3)
DRAWING NO.
JAPAN INTERNATIONAL

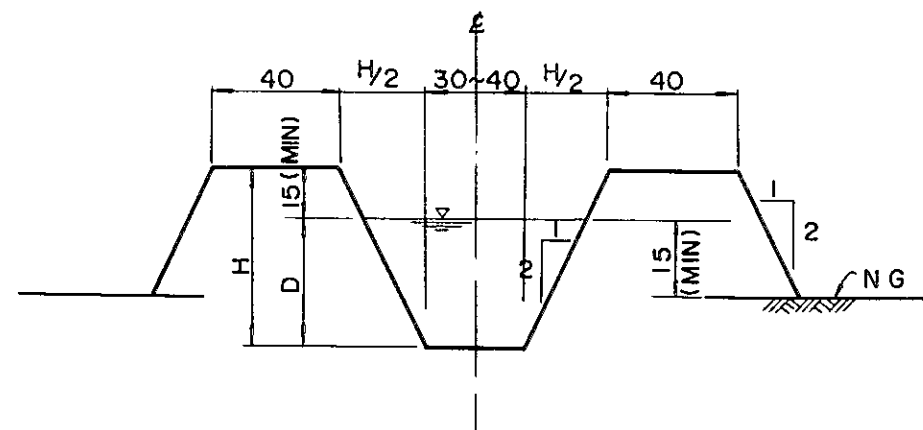


REGEND

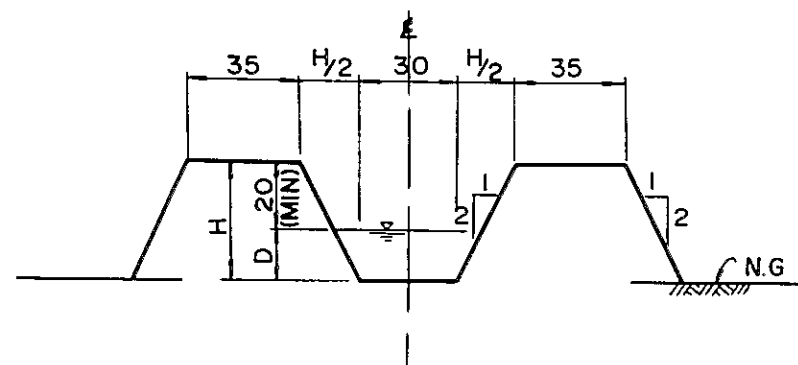
- Lateral Irrigation Canal or Sub-Lateral Irrigation Canal
- Main Farm Ditch (M.F.D.)
- Main Farm Ditch (M.F.D.) Using Existing Canal
- Supplementary Farm Ditch (S.F.D.)
- Supplementary Farm Ditch (S.F.D.) Using Existing Canal
- Turn-Out
- Diversion Box
- Farm Drain (F.D.)
- Farm Drain Using Existing Canal (F.D.)
- Lateral Drainage Canal
- Farm Road (F.R.)
- Residential Area
- Orchard
- Rotational Area NO.
- Rotational Unit NO.



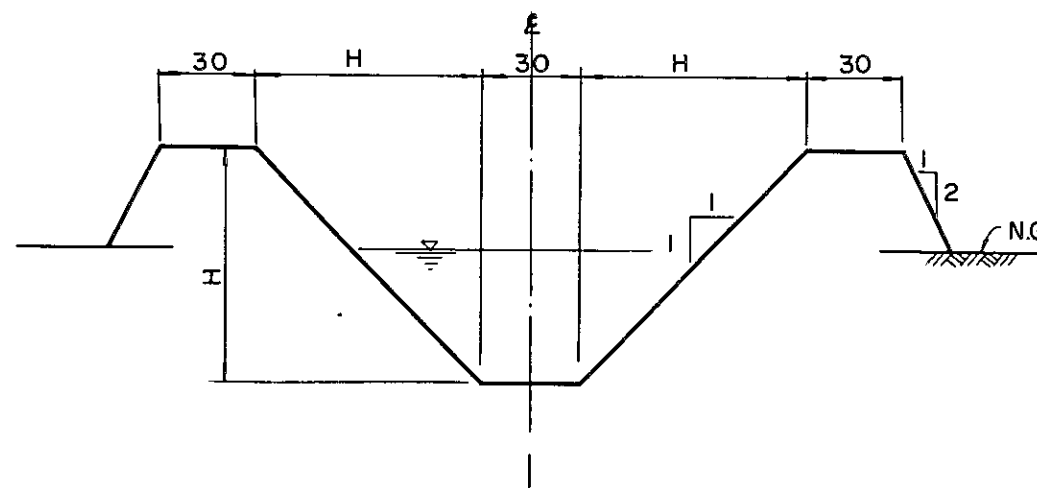
REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP LAYOUT OF ON-FARM FACILITY (SAMPLE AREA No. 3)	
DRAWING NO.	INIS(II)-OF-041
JAPAN INTERNATIONAL COOPERATION AGENCY	



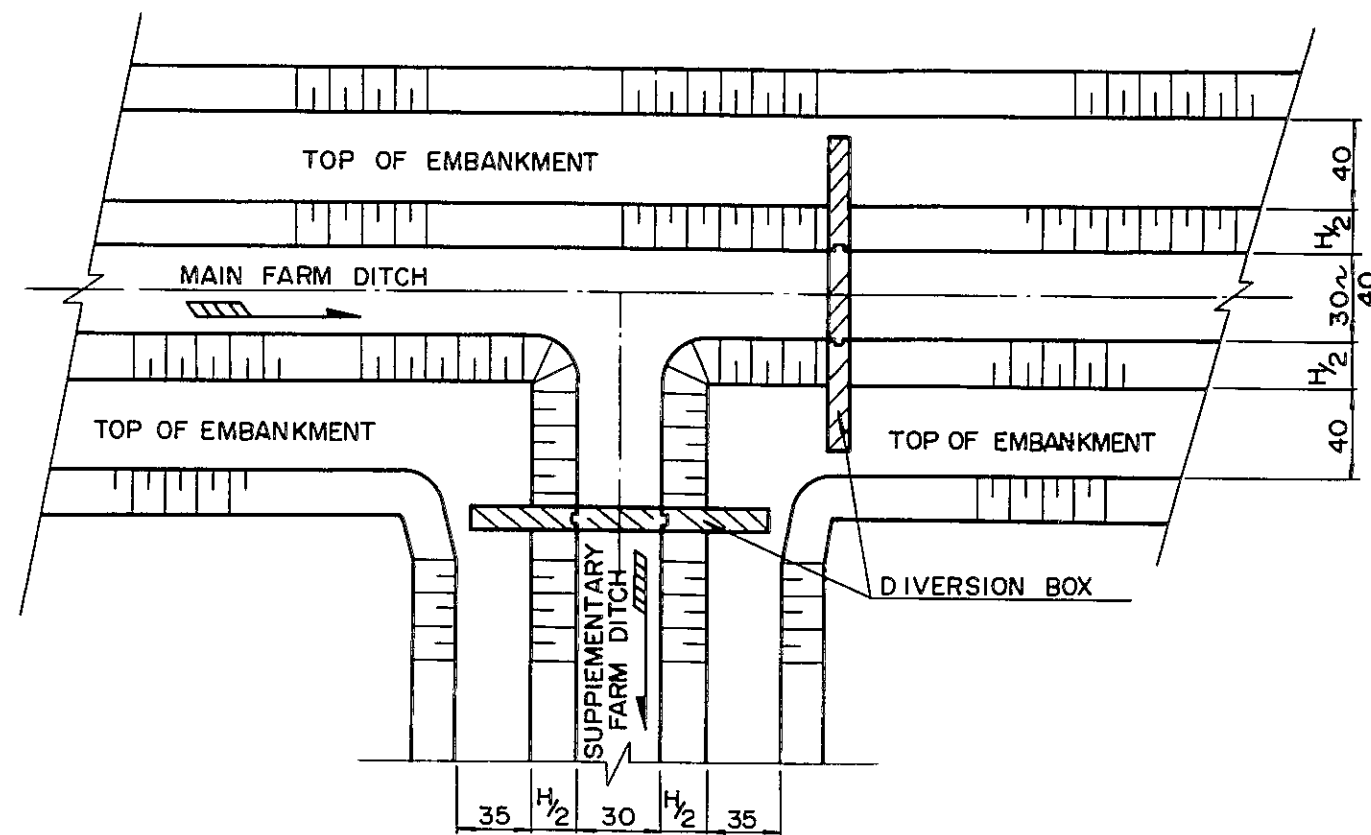
MAIN FARM DITCH



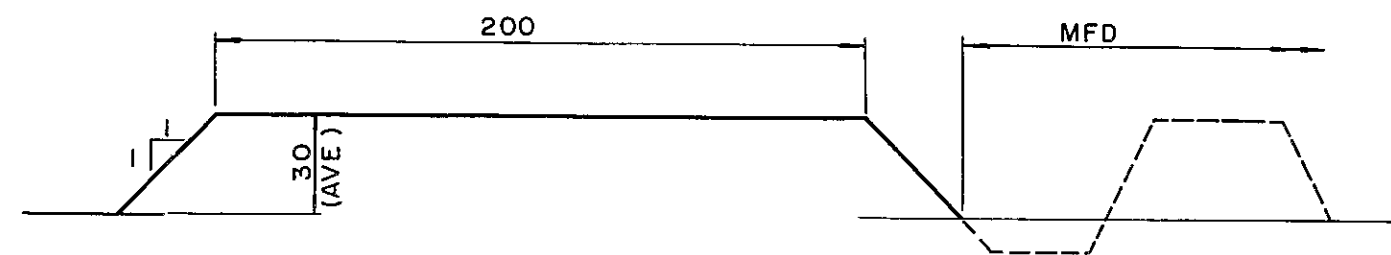
SUPPLEMENTARY FARM DITCH



FARM DITCH



SCHEMATIC PLAN
FOR DIVERSION BOX



FARM ROAD

NOTE

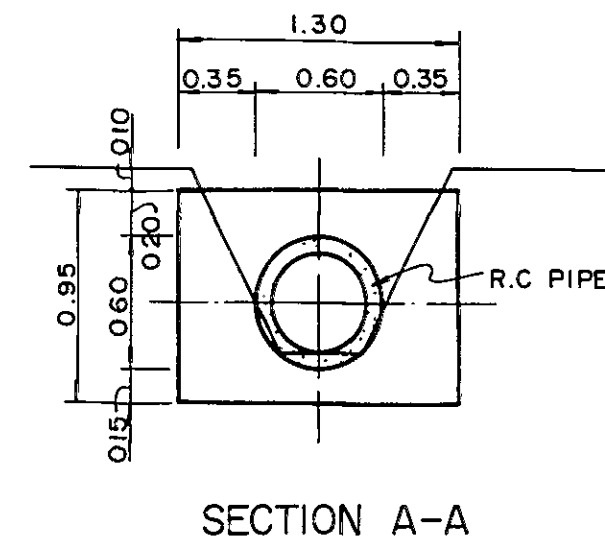
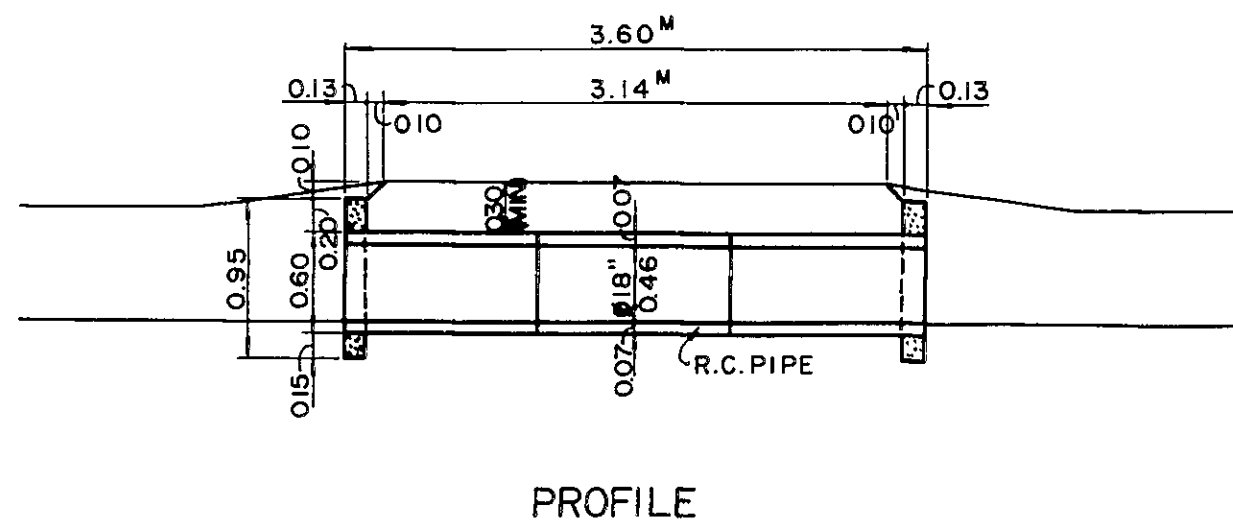
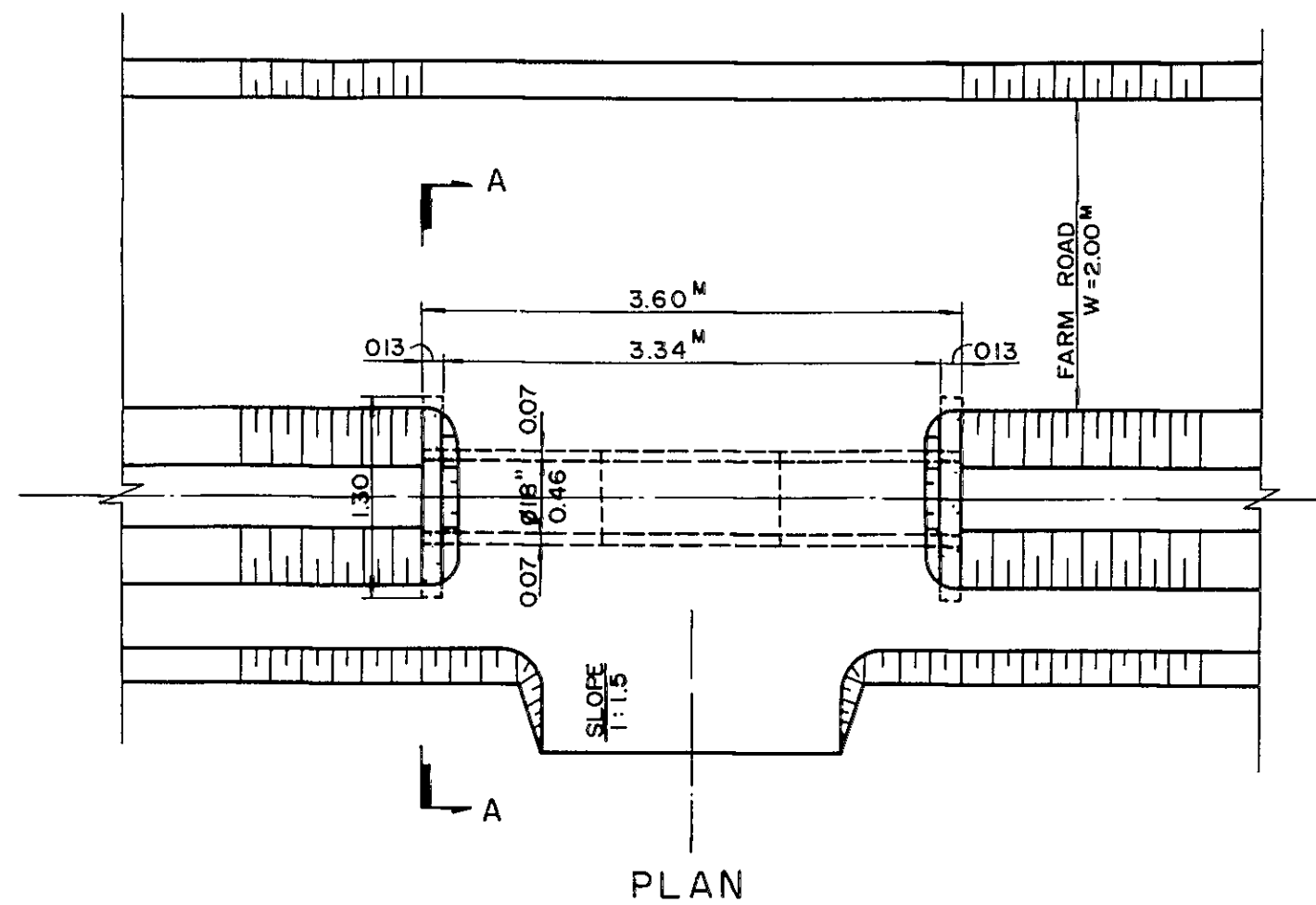
1) DIMENSIONS ARE GIVEN BY CENTIMETER.

REPUBLIC OF THE PHILIPPINES
NATIONAL IRRIGATION ADMINISTRATION

INIP
TYPICAL FARM DITCH SECTION AND
DIVERSION BOX

DRAWING NO. INIS(II)-OF-043

JAPAN INTERNATIONAL COOPERATION AGENCY



REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION	
INIP LAYOUT OF CROSS STRUCTURE	
DRAWING NO.	INIS(II)-OF-044
JAPAN INTERNATIONAL COOPERATION AGENCY	

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