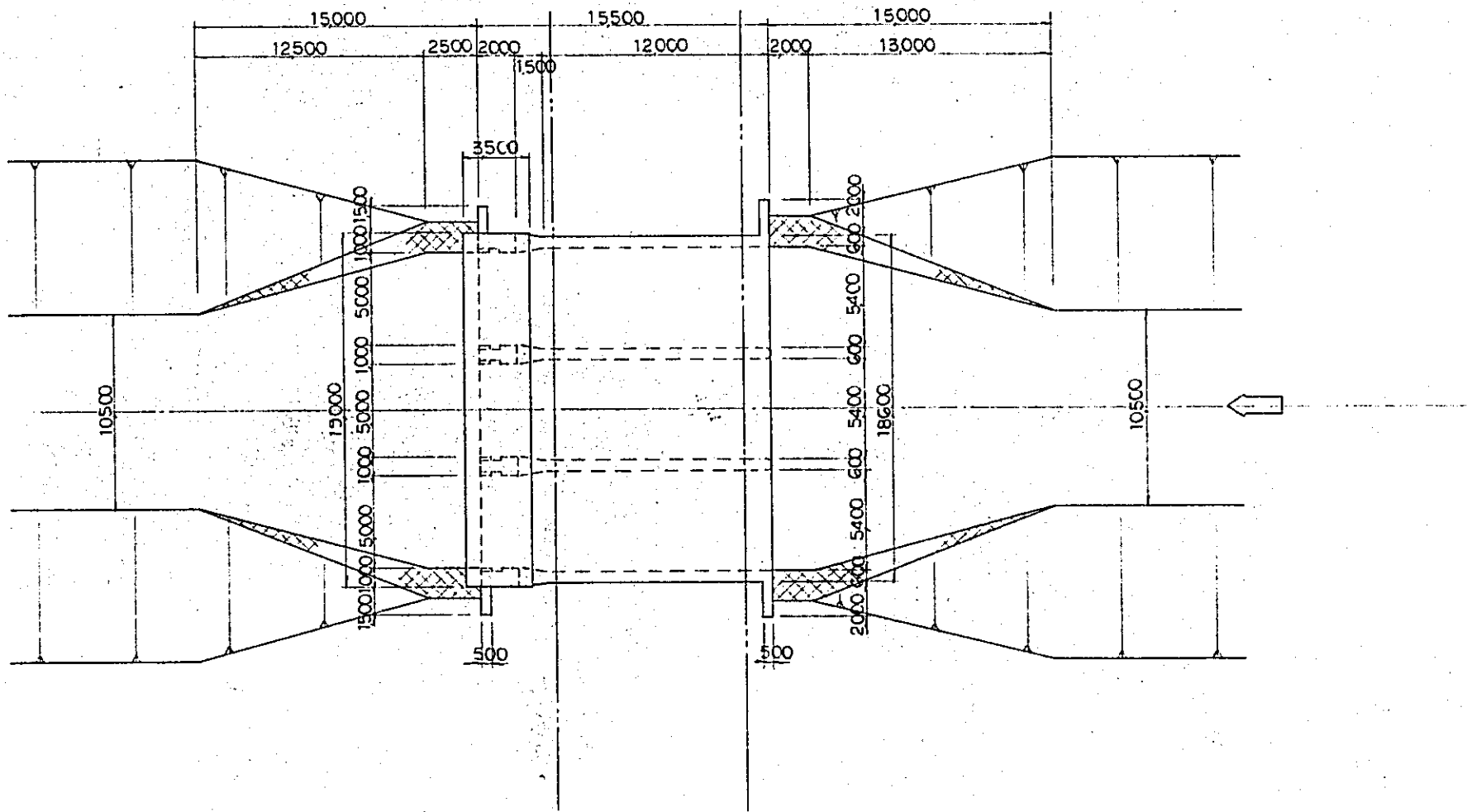
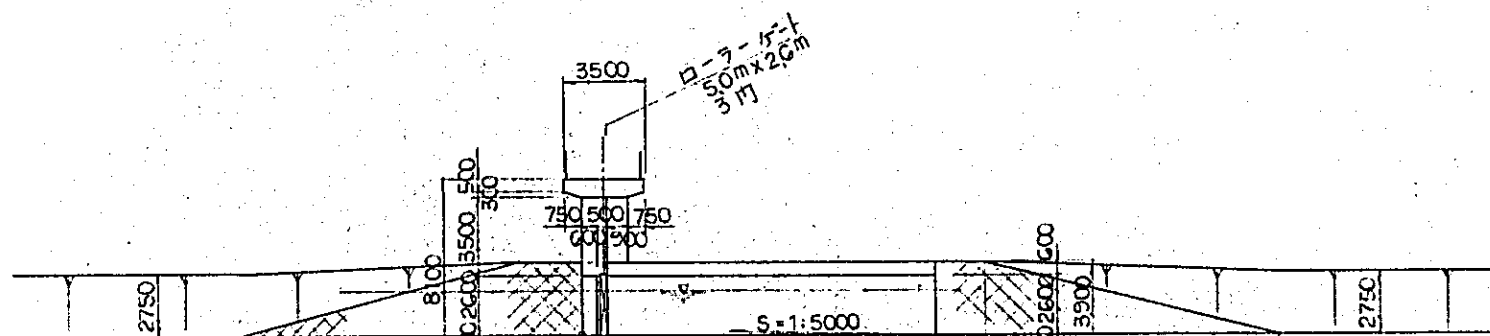


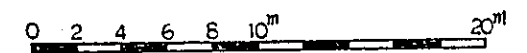
平面图

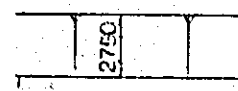
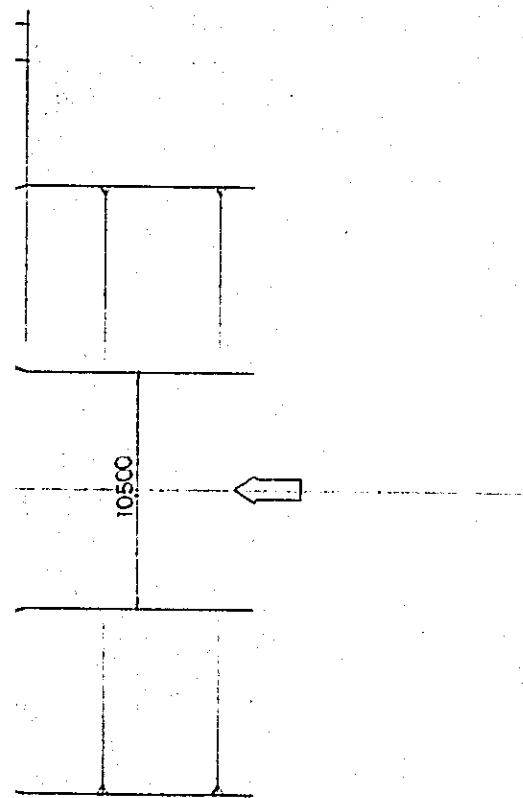


縱 斷 図

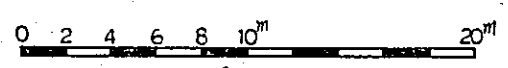


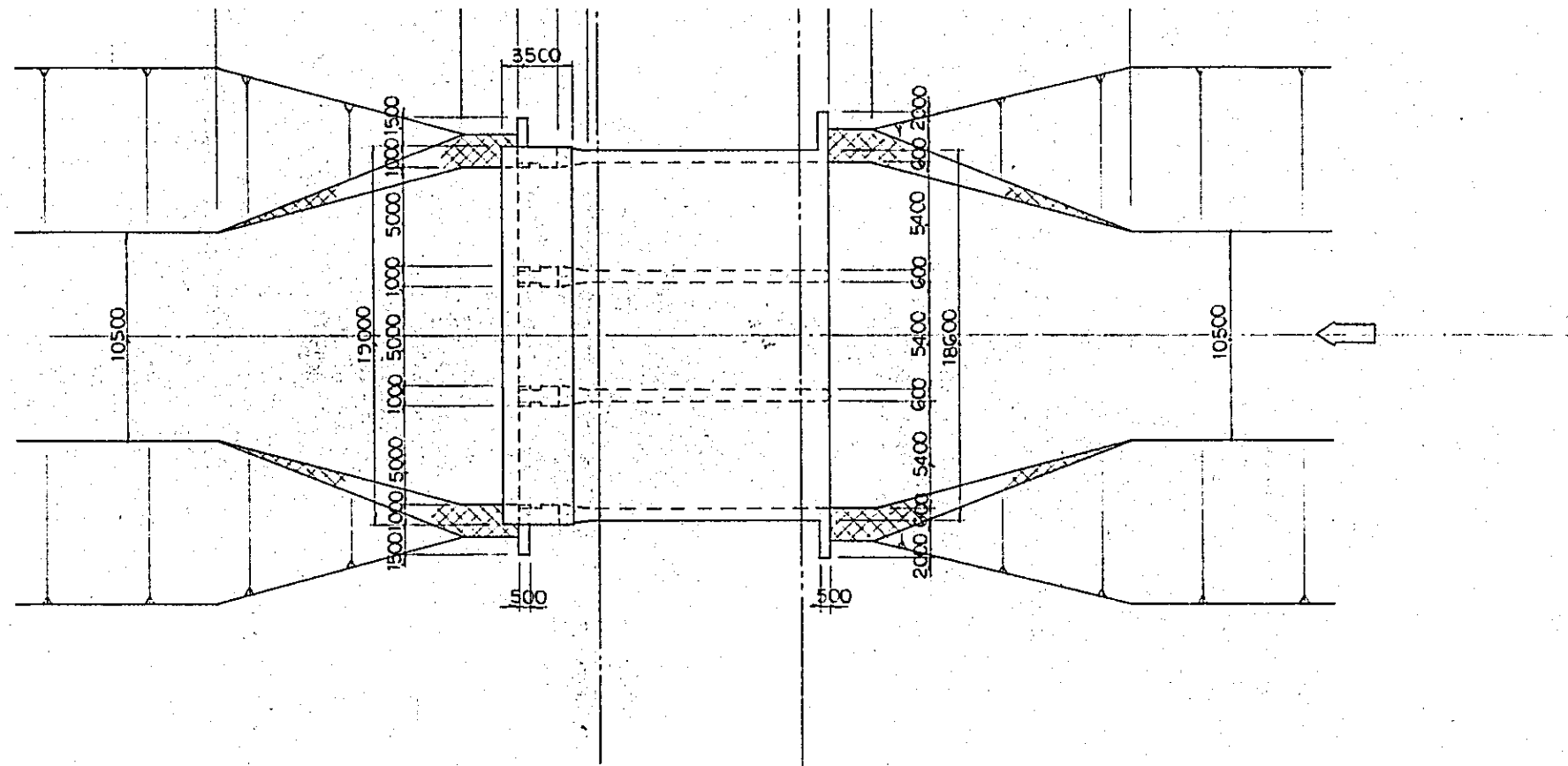
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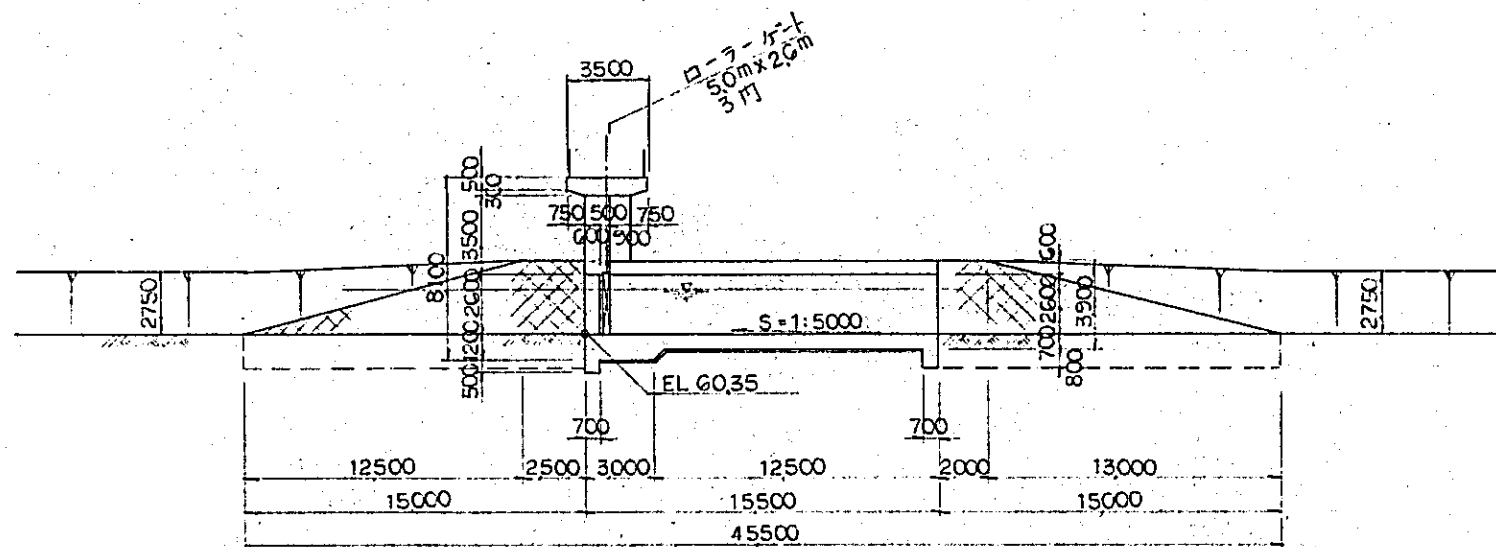


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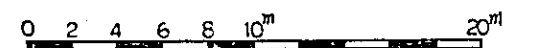


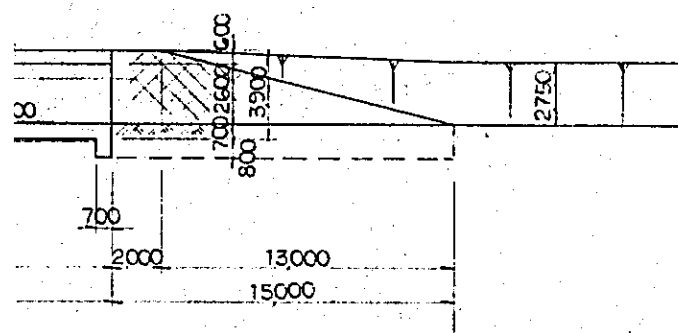
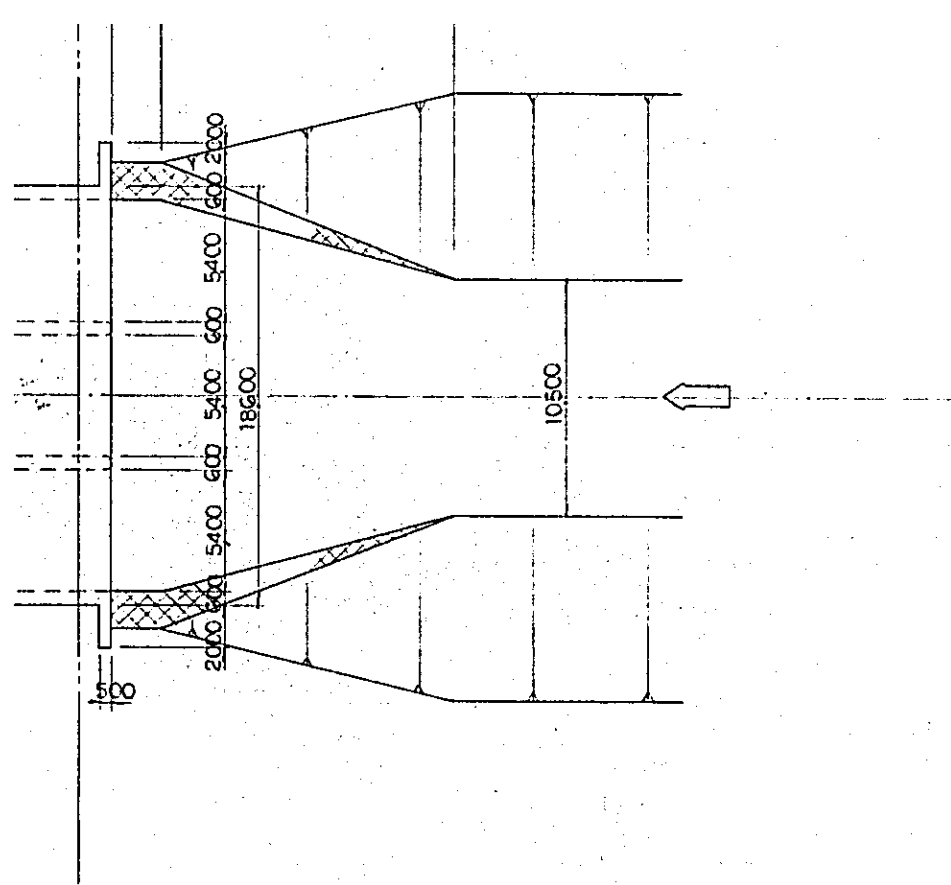


縦断図

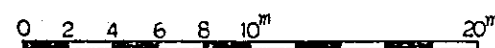


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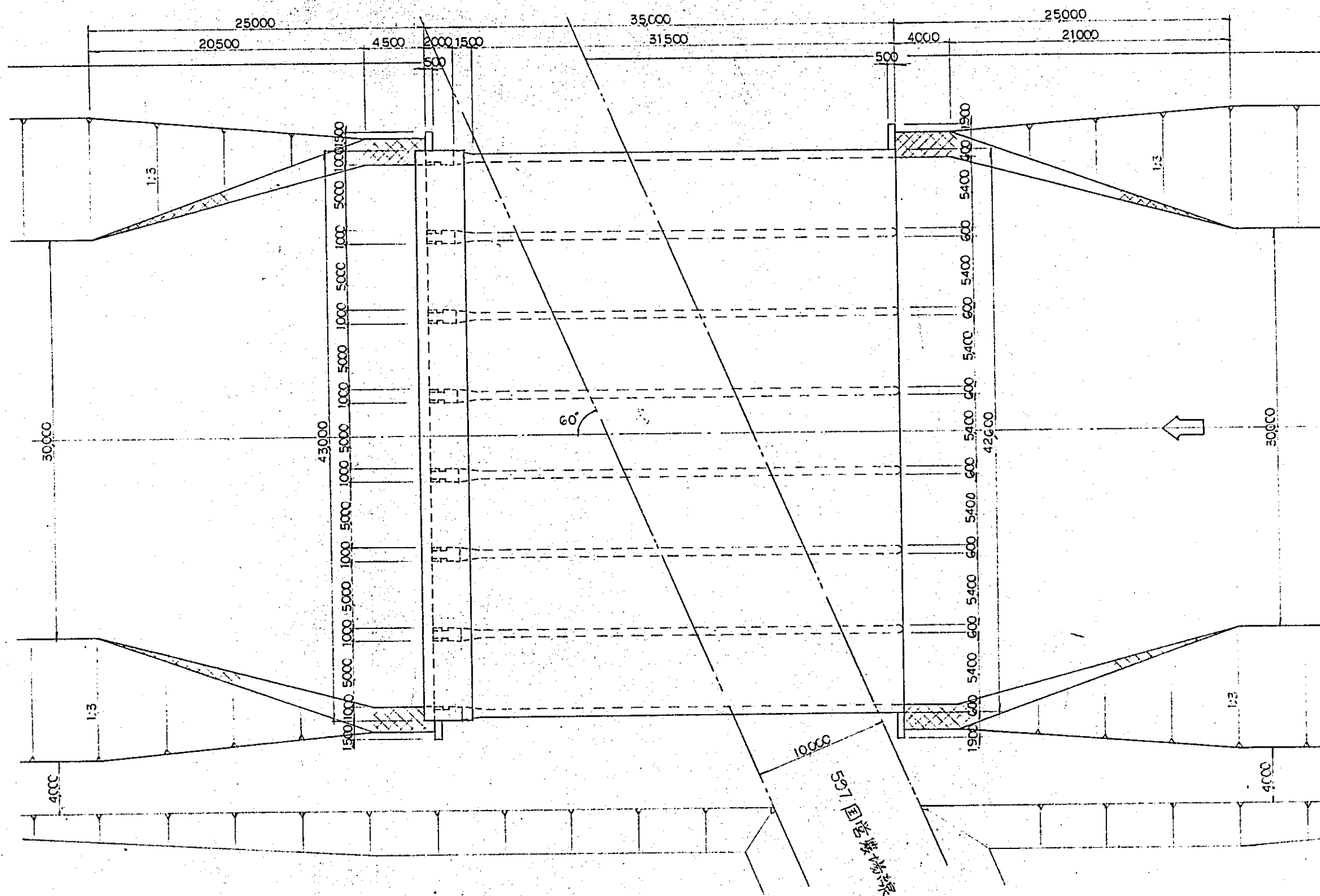
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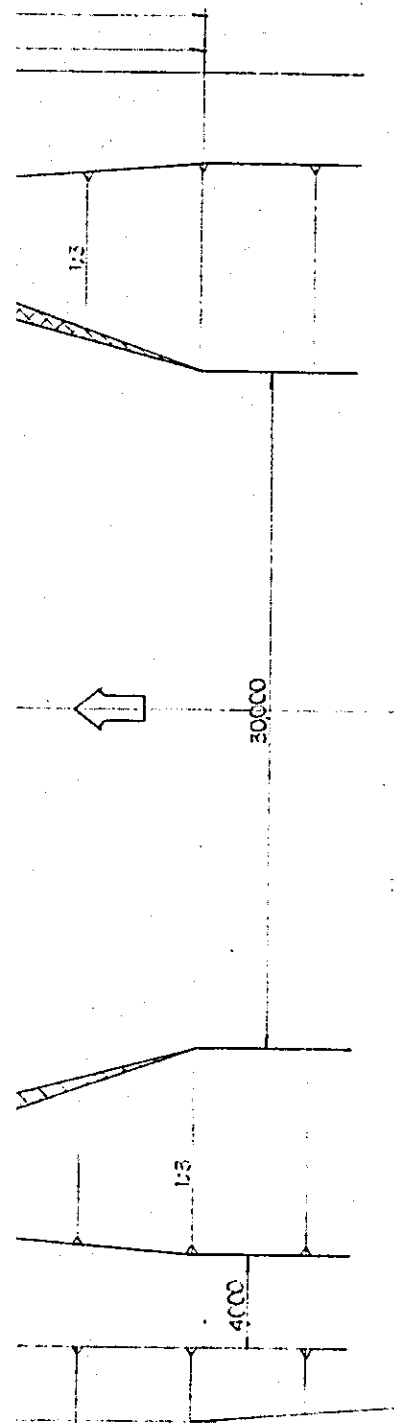


国際協力事業団	
受入 月日	84.5.30
登録No.	10354
	105
	80.7
	AFT

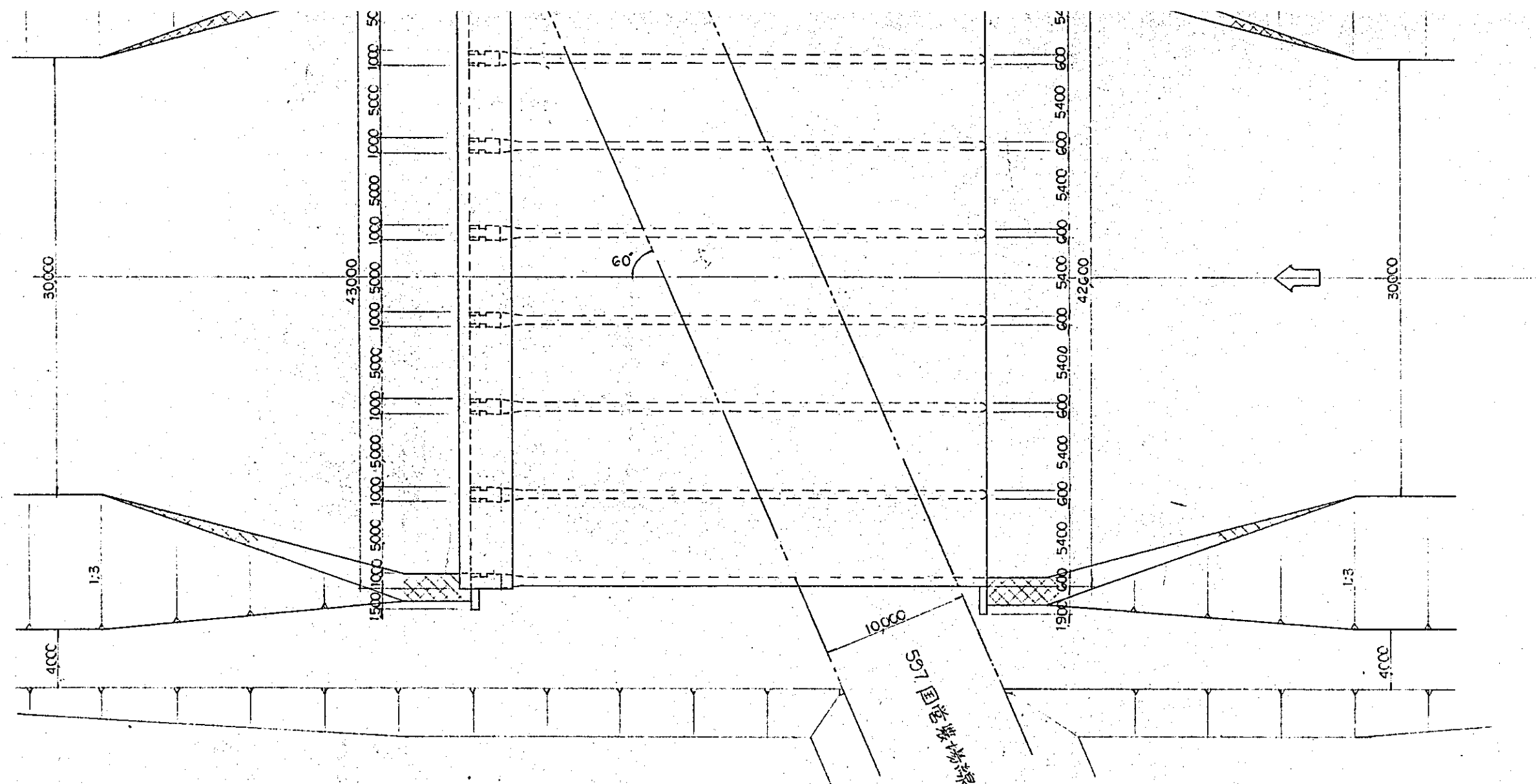
中国三江平原	
屯河橋典型区農業開発計画	
国際協力事業団	
青山第2排水制水樋門	
排 - 28	

縱斷図

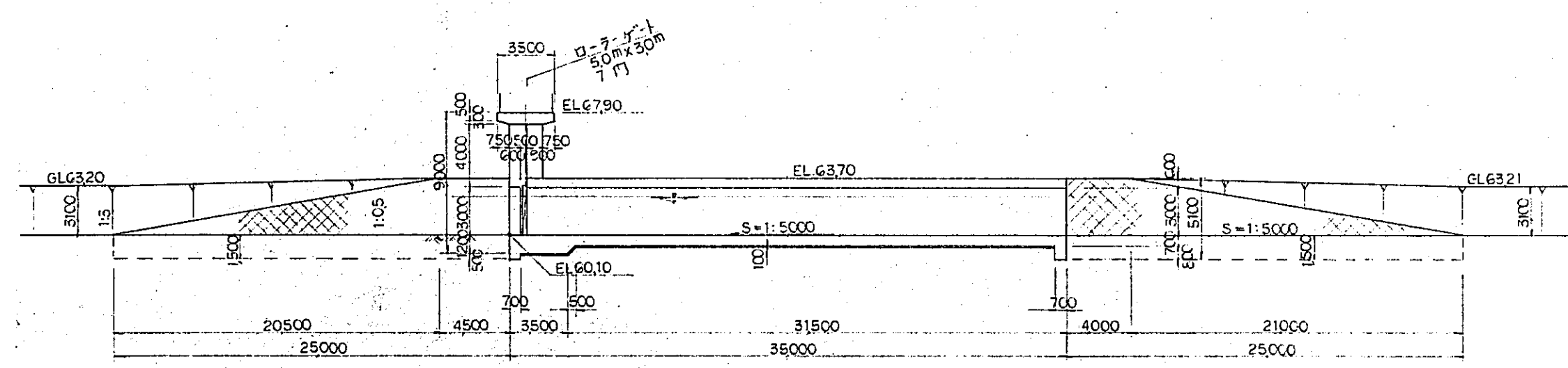


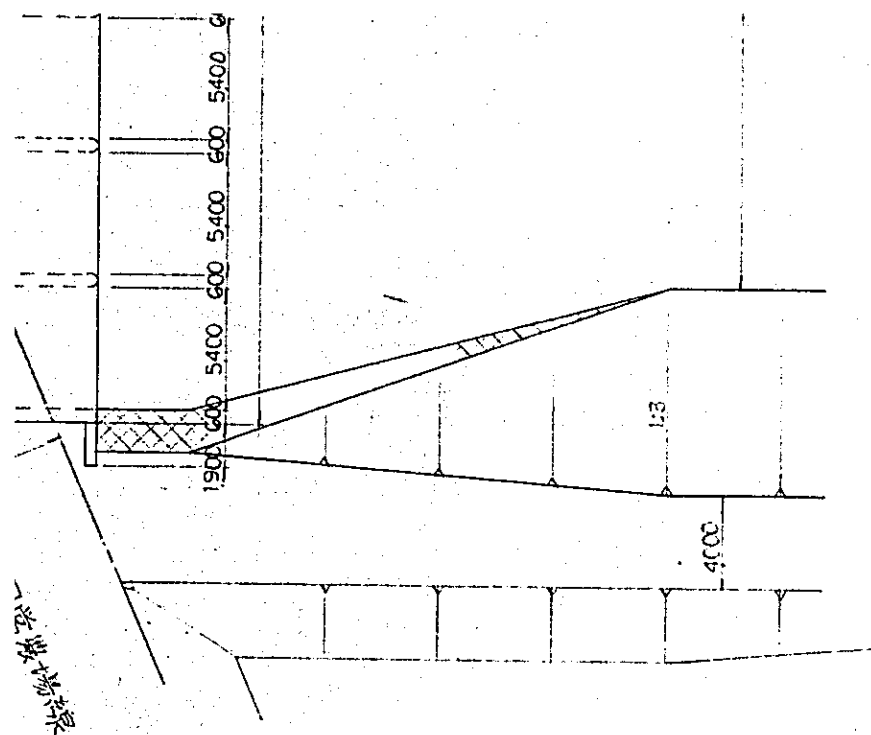


SCALE
0 2 4 6 8 10^m 20^m

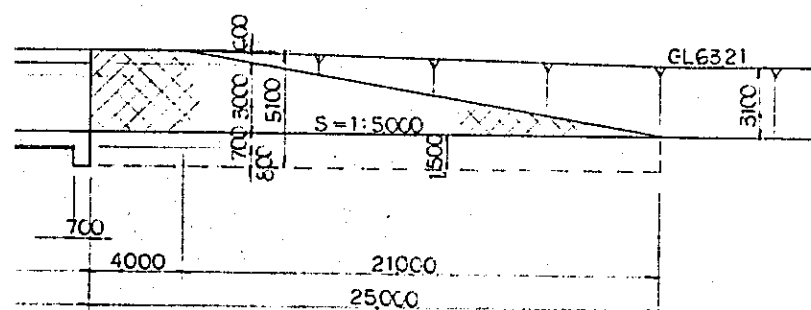


縦断図





SCALE
0 2 4 6 8 10^m 20^m



国際協力事業団

納入月日 '84.5.30 105

登録No. 10354 807

AFT

中国三江平原

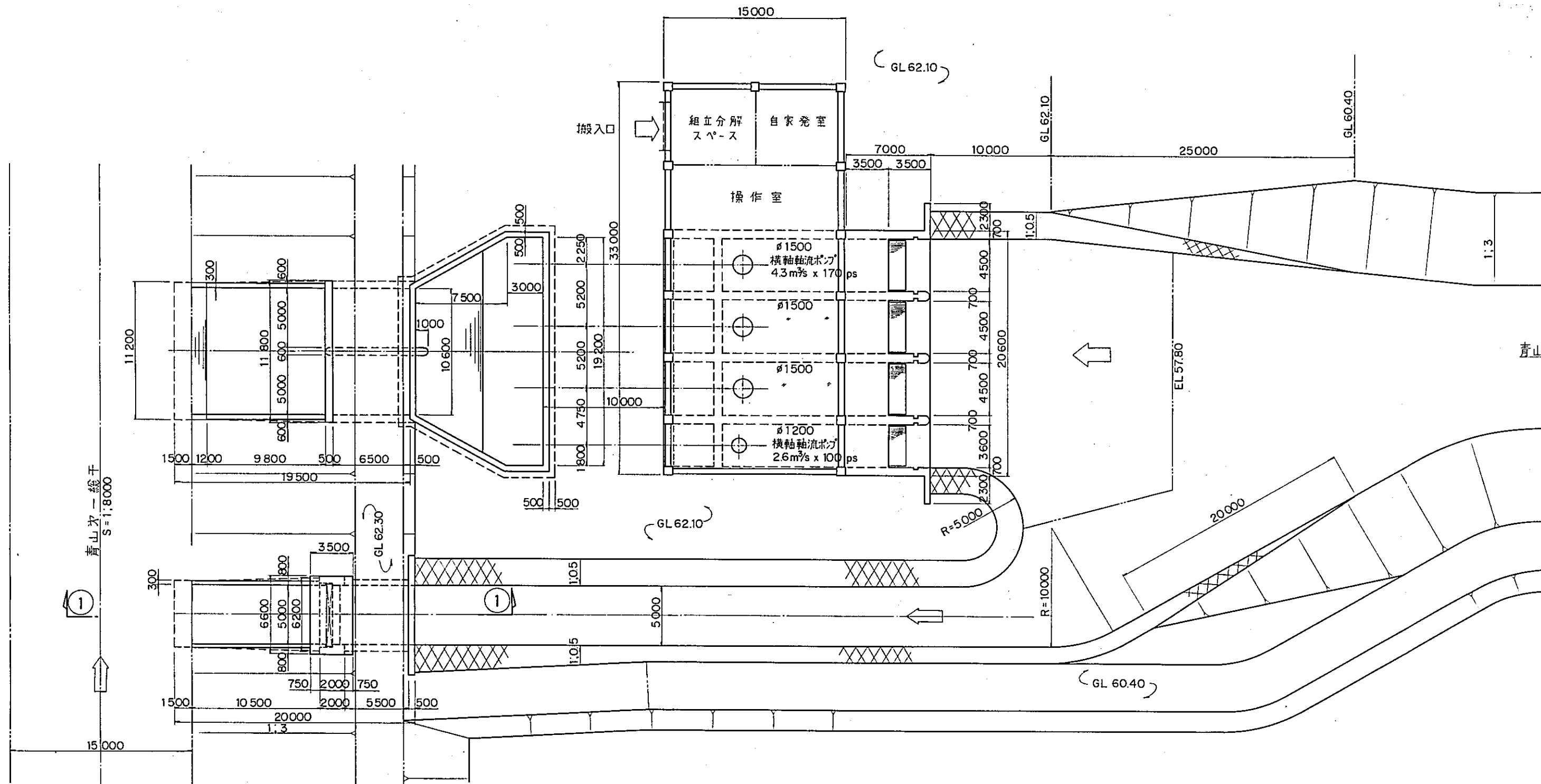
竜頭橋典型区農業開発計画

国際協力事業団

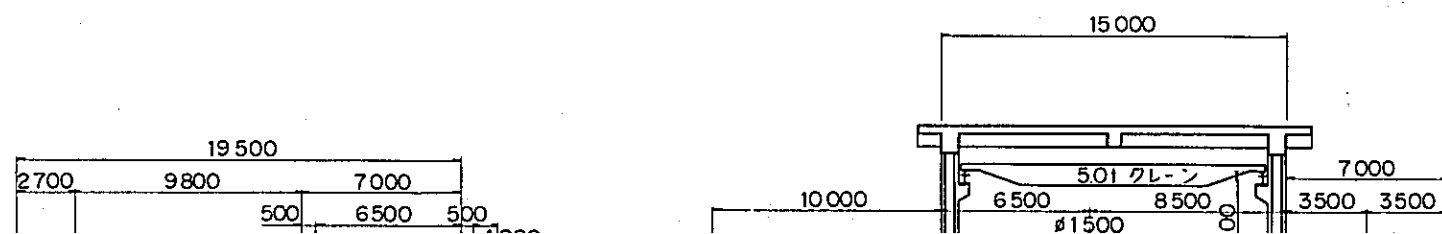
西地河下流制水樋門

排 - 27

平面図

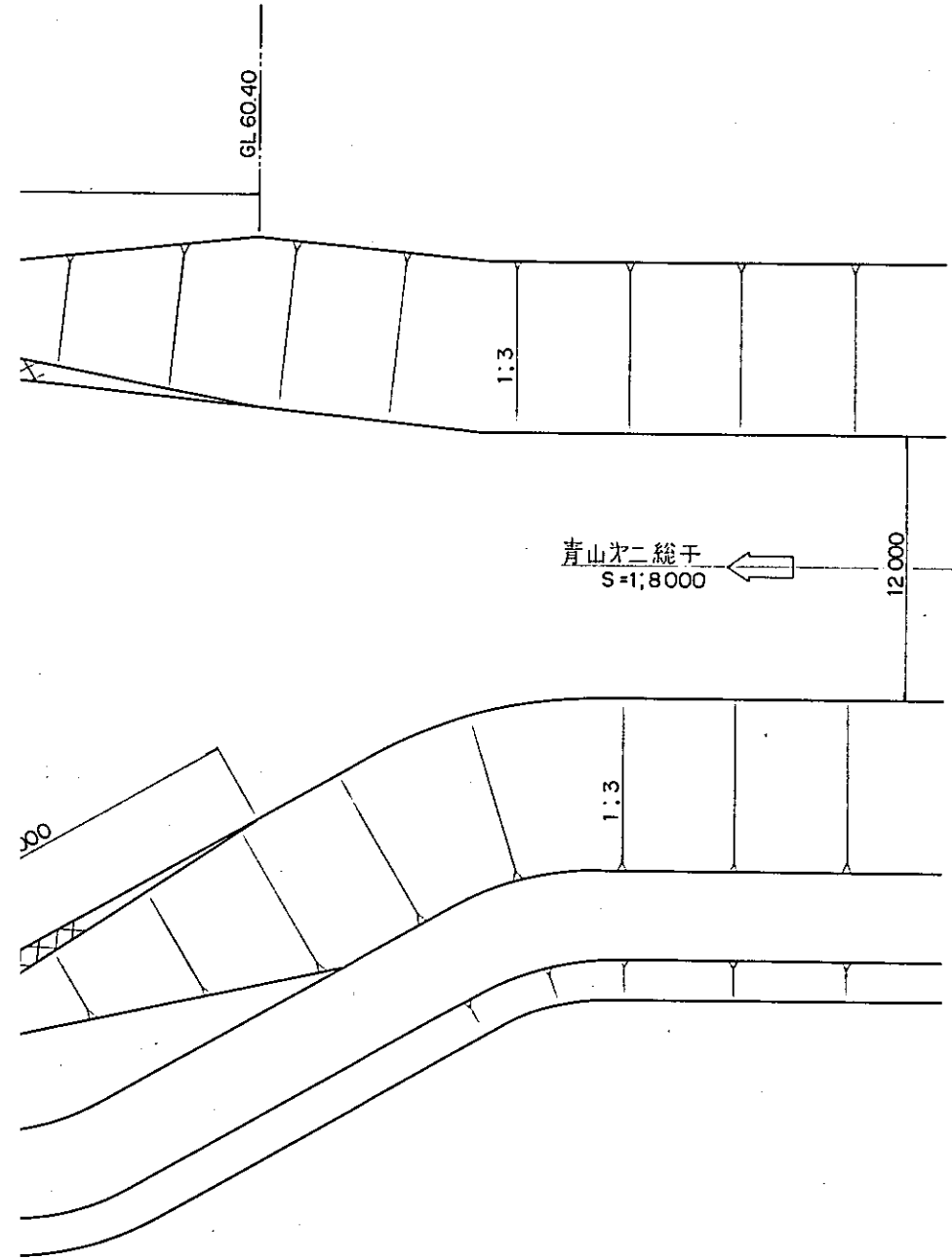


縦断図

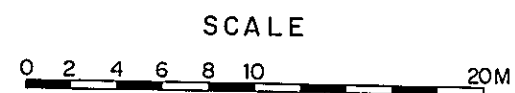


①-①断面

3500 ローラーゲート
5.0m x 2.5m



①-①断面



3500
ローラーゲート
5.0m x 2.5m

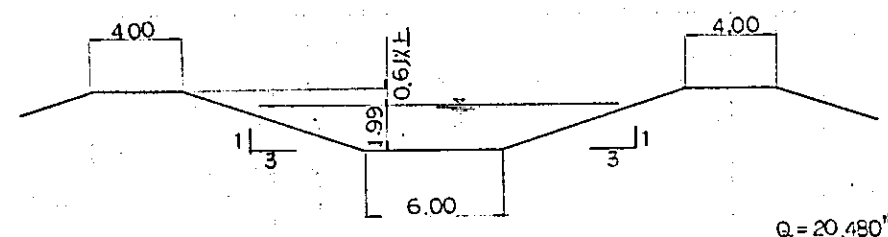
90.0
85.0
80.0

色金別河
SW-87.20 (P-20*)

道路横断(頭道線)

L=5.500

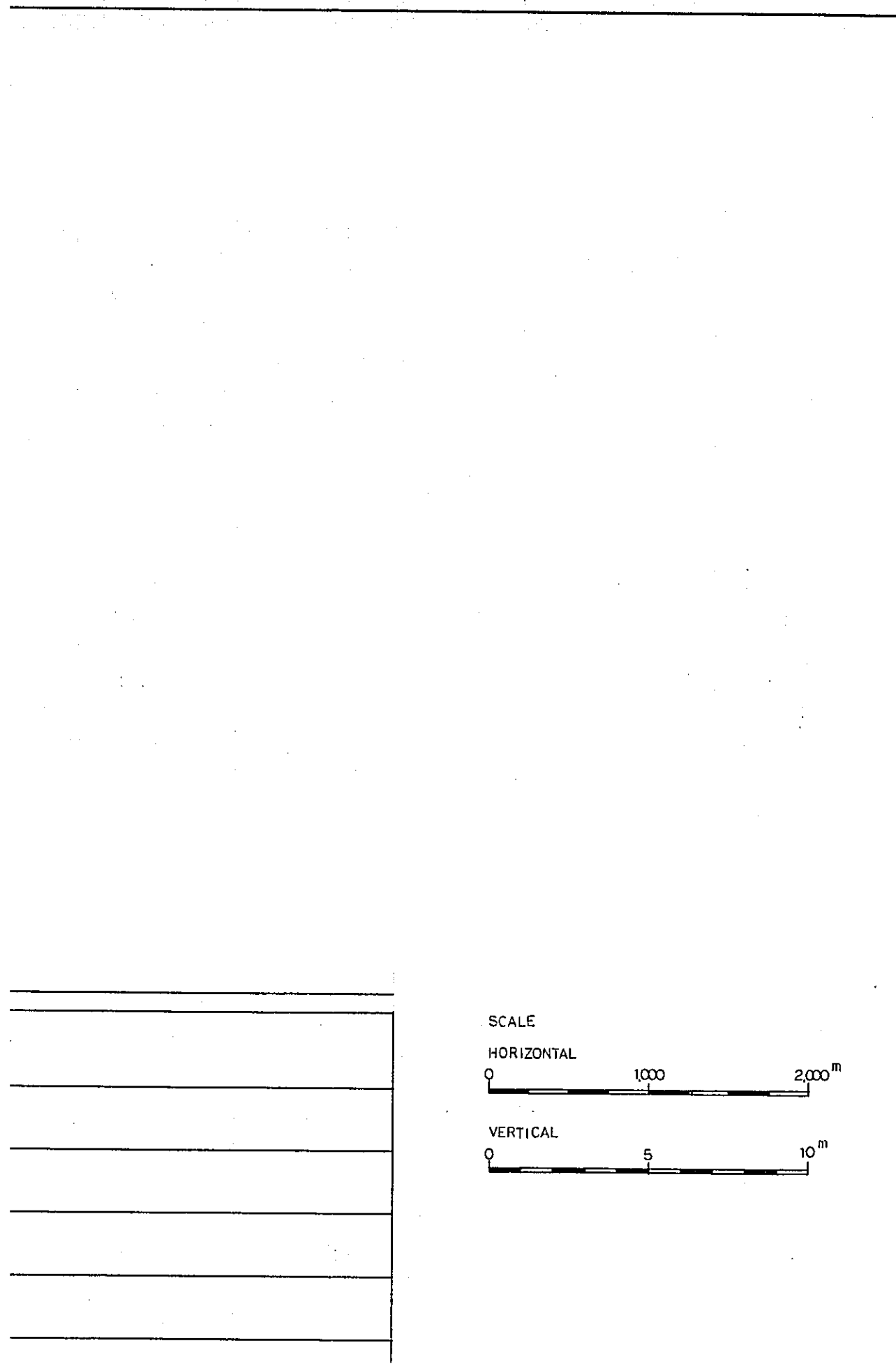
標準断面図



$Q = 20.480 \text{ m}^3/\text{s}$
 $V = 0.86 \text{ m/s}$

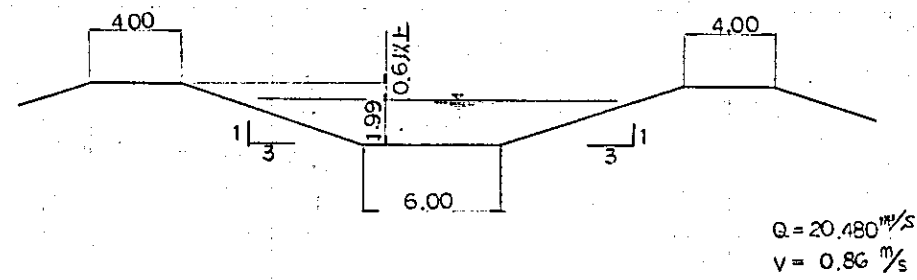
計				1=1/3000																配	
水深	堤高	切土高	盛土高																	堤高	配
87.20	87.80	2.00	0.60																	85.20	
87.33	87.93	2.07	0.63																		
87.47	88.07	2.03	0.67																		
87.60	88.20	2.20	0.40																		
87.73	88.33	2.37	0.23																		
87.87	88.47	2.43	0.17																		
88.00	88.60	2.60	0.10																		
88.13	88.73	2.67	0.03																		
88.26	88.86	2.64	0.06																		
88.40	89.00	2.40	0.20																		
88.53	89.13	2.27	0.33																		
88.66	89.26	2.14	0.46																		
88.80	89.40	2.00	0.60																		
88.93	89.53	1.97	0.63																		
89.03		2.97																		87.03	

SCAL
HORI
0
VERT
0



85.0
80.0

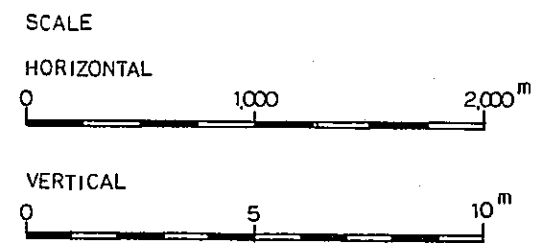
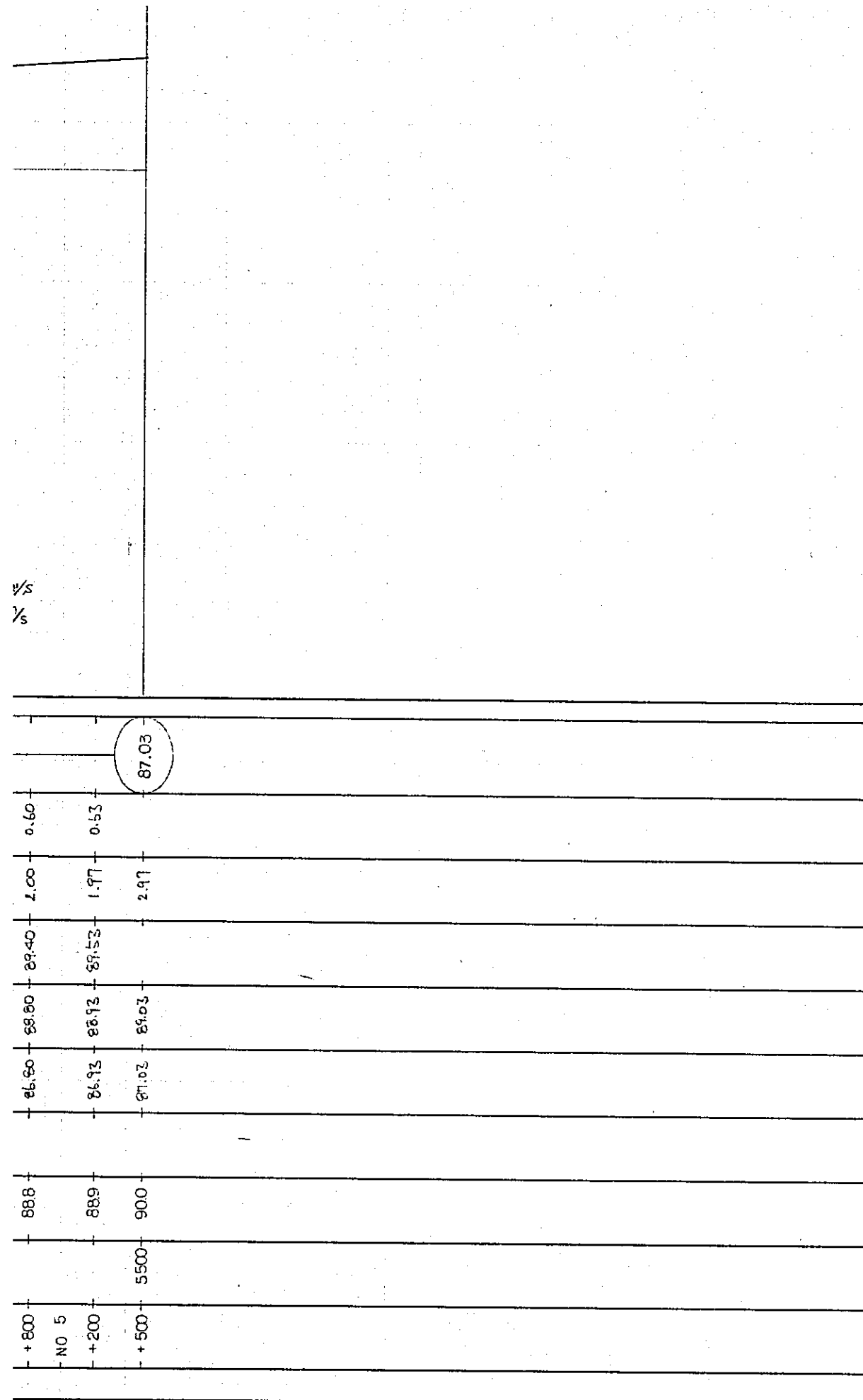
標準断面図



観 測 点	現 況		計 画				切 削 高	盛 土 高	勾 配
	追加距離	地 盤 高	河床高	水深底高	水面高	堤頂高			
- NO 0	0	87.2		85.20	87.10	87.80	2.00	0.60	85.20
+ 400		87.4		85.33	87.33	87.93	2.07	0.53	
+ 800		87.5		85.47	87.47	88.07	2.03	0.57	
- NO 1									
+ 200		87.8		85.60	87.60	88.20	2.70	0.40	
+ 600		88.1		85.73	87.73	88.33	2.37	0.23	
- NO 2	2000	88.3		85.87	87.87	88.47	2.43	0.17	
+ 400		88.5		86.00	88.00	88.60	2.50	0.10	
+ 800		88.7		86.13	88.13	88.73	2.57	0.03	
- NO 3									
+ 200		88.8		86.26	88.26	88.86	2.54	0.06	
+ 600		88.8		86.40	88.40	89.00	2.40	0.20	
- NO 4	4000	88.8		86.53	88.53	89.13	2.27	0.23	
+ 400		88.8		86.66	88.66	89.26	2.14	0.46	
+ 800		88.8		86.80	88.80	89.40	2.00	0.60	
- NO 5									
+ 200		88.9		86.93	88.93	89.53	1.97	0.53	
+ 500	5500	90.0		87.03	89.03		2.97		87.03

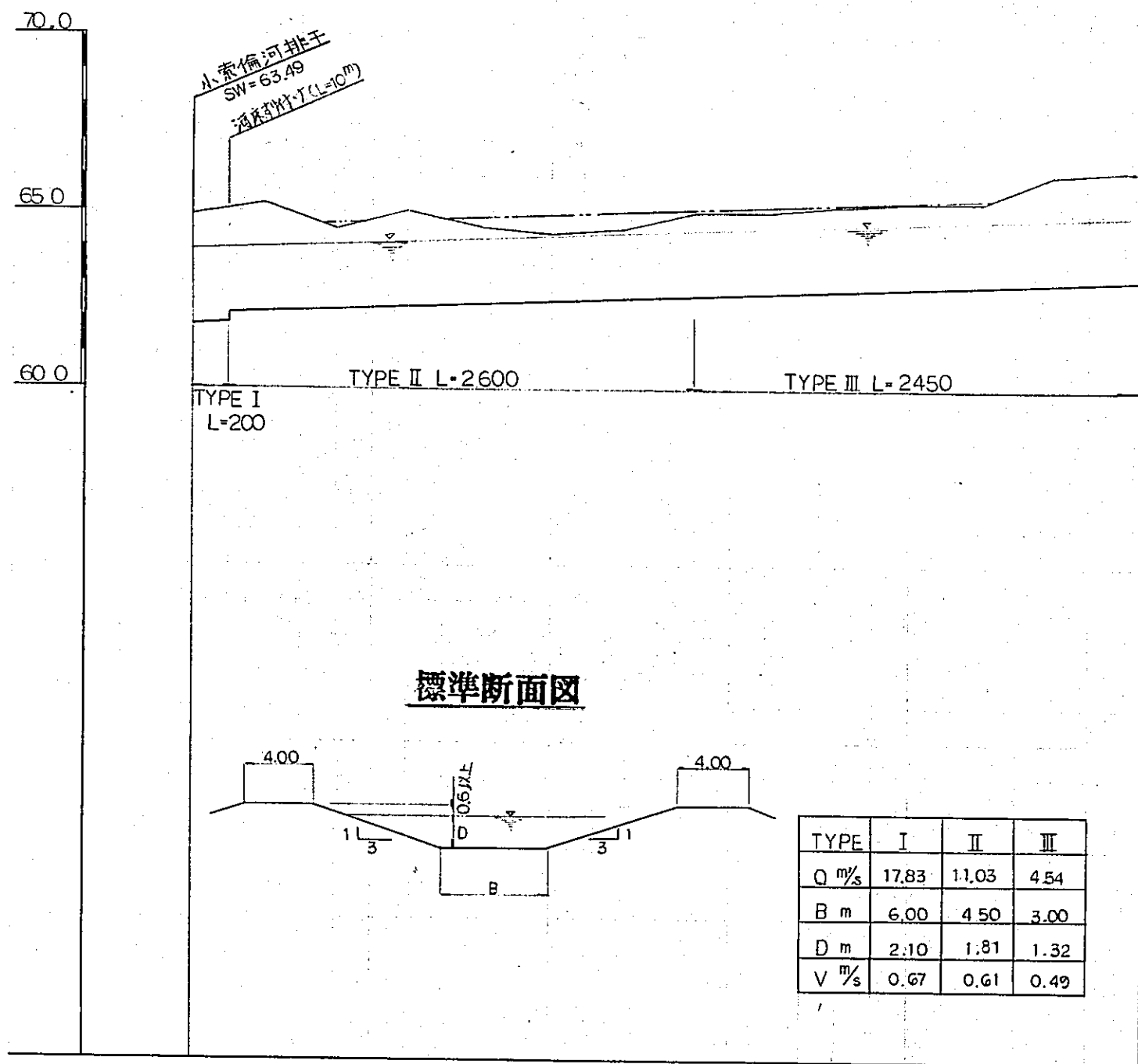
1=1/3000

SCALE
HORIZONTAL
0
VERTICAL
0



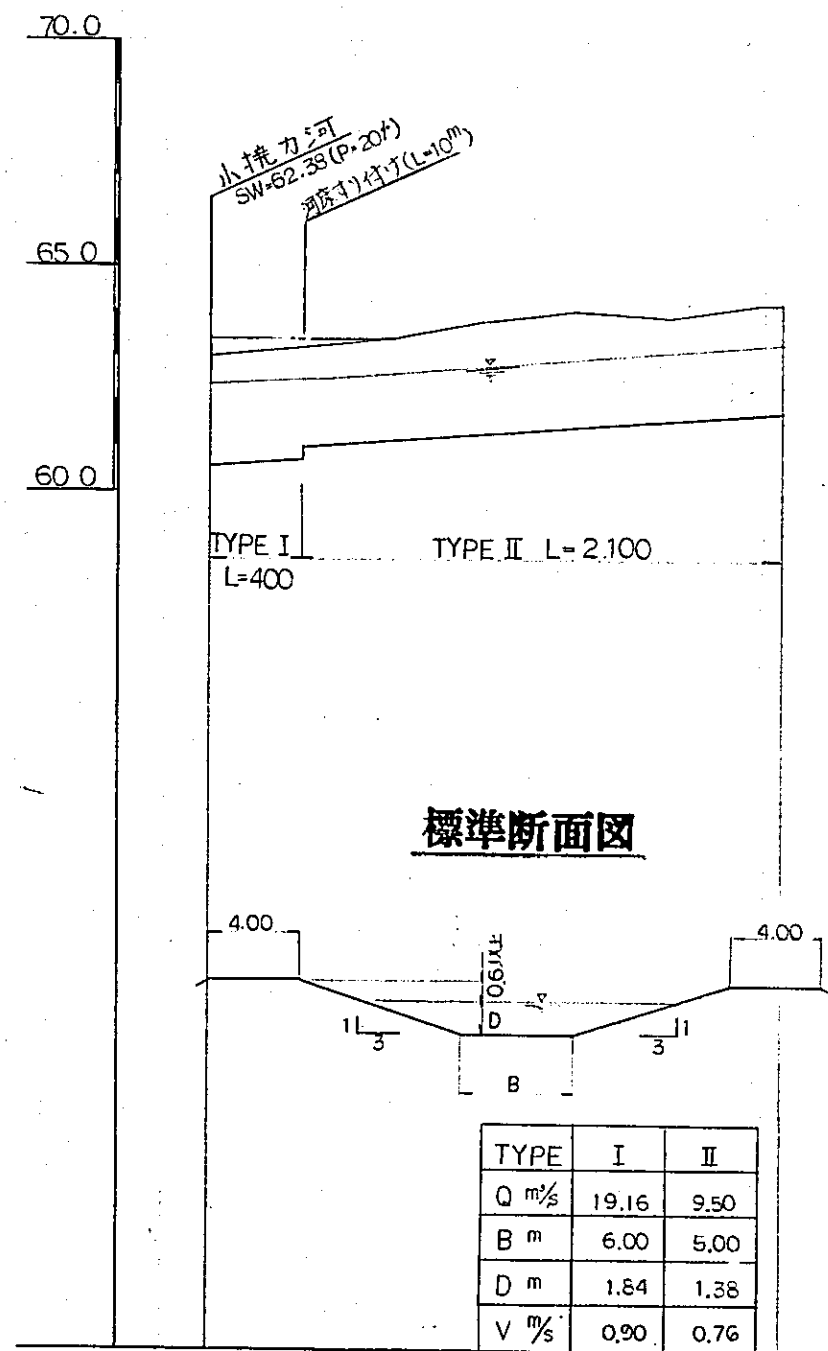
国際協力事業団
 受入月日 84.5.30 105
 登録No. 10354 80.7
 AFT

中国三江平原
 屯頭橋典型區農業開發設計
 国際協力事業団
 頭道崗排干
 排 - 25



計	面		勾配
	水面高	堤頂高	
	63.90	64.68	61.80
	63.94	64.72	61.84
	63.96	64.74	62.15
	64.00	64.78	62.15
	64.08	64.86	62.15
	64.16	64.94	62.15
	64.24	65.02	62.15
	64.32	65.10	62.15
	64.40	65.18	62.15
	64.48	65.26	62.15
	64.56	65.34	62.15
	64.64	65.42	62.15
	64.72	65.50	62.15
	64.80	65.58	62.15
	64.88	65.66	62.15
	64.96	65.74	62.15
	64.99	65.77	62.15

1:1/5000

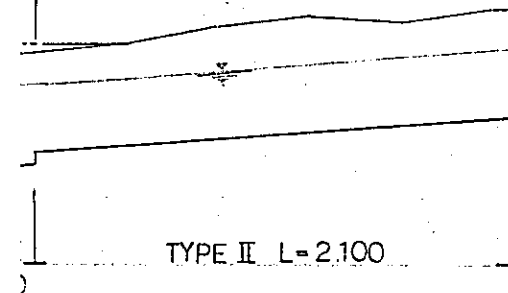


計	面		勾配
	水面高	堤頂高	
	62.39	63.17	60.55
	62.55	63.33	60.71
	62.50	63.28	61.00
	62.66	63.44	61.00
	62.82	63.60	61.00
	62.98	63.76	61.00
	63.14	63.92	61.00
	63.30	64.08	61.00
	63.30	64.08	61.84

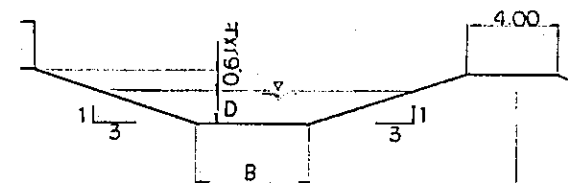
1:1/2500

SCALE
HORIZ
0
VERTIC
0

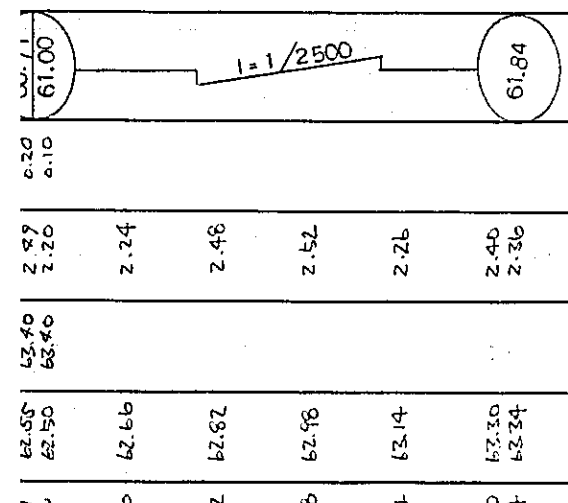
河
2.38 (P=20%)
河床1.1 (L=10m)



標準断面図

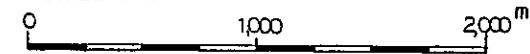


TYPE	I	II
Q m ³ /s	19.16	9.50
B m	6.00	5.00
D m	1.84	1.38
V m/s	0.90	0.76

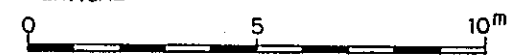


SCALE

HORIZONTAL



VERTICAL



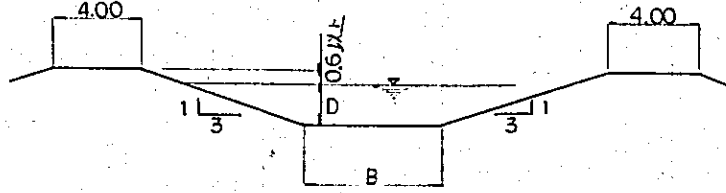
60.0

TYPE I
L=200

TYPE II L=2600

TYPE III L=2450

標準断面図



TYPE	I	II	III
Q m ³ /s	17.83	11.03	4.54
B m	6.00	4.50	3.00
D m	2.10	1.81	1.32
V m/s	0.67	0.61	0.49

測点	現況		計画					勾配
	道路距離	地盤高	河床高	水防定高	水面高	堤頂高	切土高	
NO 0	0	64.7		61.80	63.90		3.10	61.80
+200		65.1		61.84	63.94		3.26	61.84
+400		65.2		62.15	63.16		3.01	62.15
+800		64.5		62.27	64.08	64.68	2.23	0.18
NO 1		65.0		62.35	64.16		2.65	
+200		64.6		62.43	64.24	64.84	2.17	0.24
+600		64.4		62.51	64.32	64.92	1.89	0.52
NO 2	2000	64.5		62.59	64.40	65.00	1.91	0.50
+400		65.0		62.67	64.48	65.08	2.33	0.08
+800		65.0		62.75	64.56	65.16	2.25	0.16
NO 3		65.2		62.83	64.64	65.24	2.37	0.04
+200		65.3		62.91	64.72	65.32	2.39	0.02
+600		65.3		62.99	64.80	65.40	2.21	0.10
NO 4	4000	66.1		63.07	64.88		3.03	
+400		66.2		63.15	64.96		3.05	
+800		66.2		63.17	64.97		3.04	
NO 5	5500							63.17

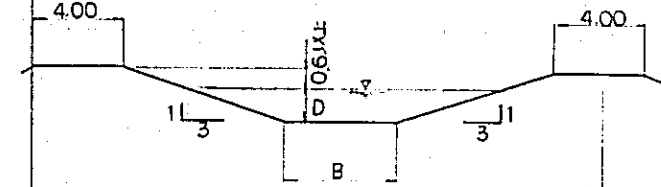
1:1/5000

60.0

TYPE I
L=400

TYPE II L=2100

標準断面図



TYPE	I	II
Q m ³ /s	19.16	9.50
B m	6.00	5.00
D m	1.84	1.38
V m/s	0.90	0.76

測点	現況		計画					勾配
	道路距離	地盤高	河床高	水防定高	水面高	堤頂高	切土高	
NO 0	0	63.0		60.55	62.39	63.40	2.55	60.55
+400		63.2		60.71	62.55	63.40	2.59	60.71
+800		63.4		61.10	62.50	63.40	2.20	61.00
NO 1		63.6		61.15	62.66		2.24	
+200		63.8		61.32	62.82		2.48	
+600		64.0		61.48	62.98		2.52	
NO 2	2000	63.9		61.64	63.14		2.26	
+400		64.2		61.80	63.30		2.40	
+800		64.2		61.84	63.34		2.26	
NO 3	2500							61.84

1:1/2500

SCAL
HORI
0
VERT
0

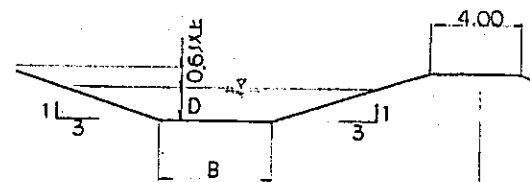
国際

受入
月日 '84.

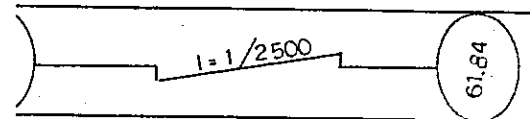
登録No.

TYPE II L=2100

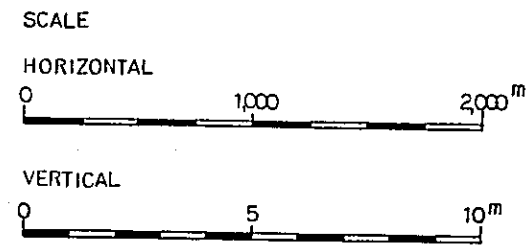
標準断面図



TYPE	I	II
Q m ³ /s	19.16	9.50
B m	6.00	5.00
D m	1.84	1.38
V m/s	0.90	0.76

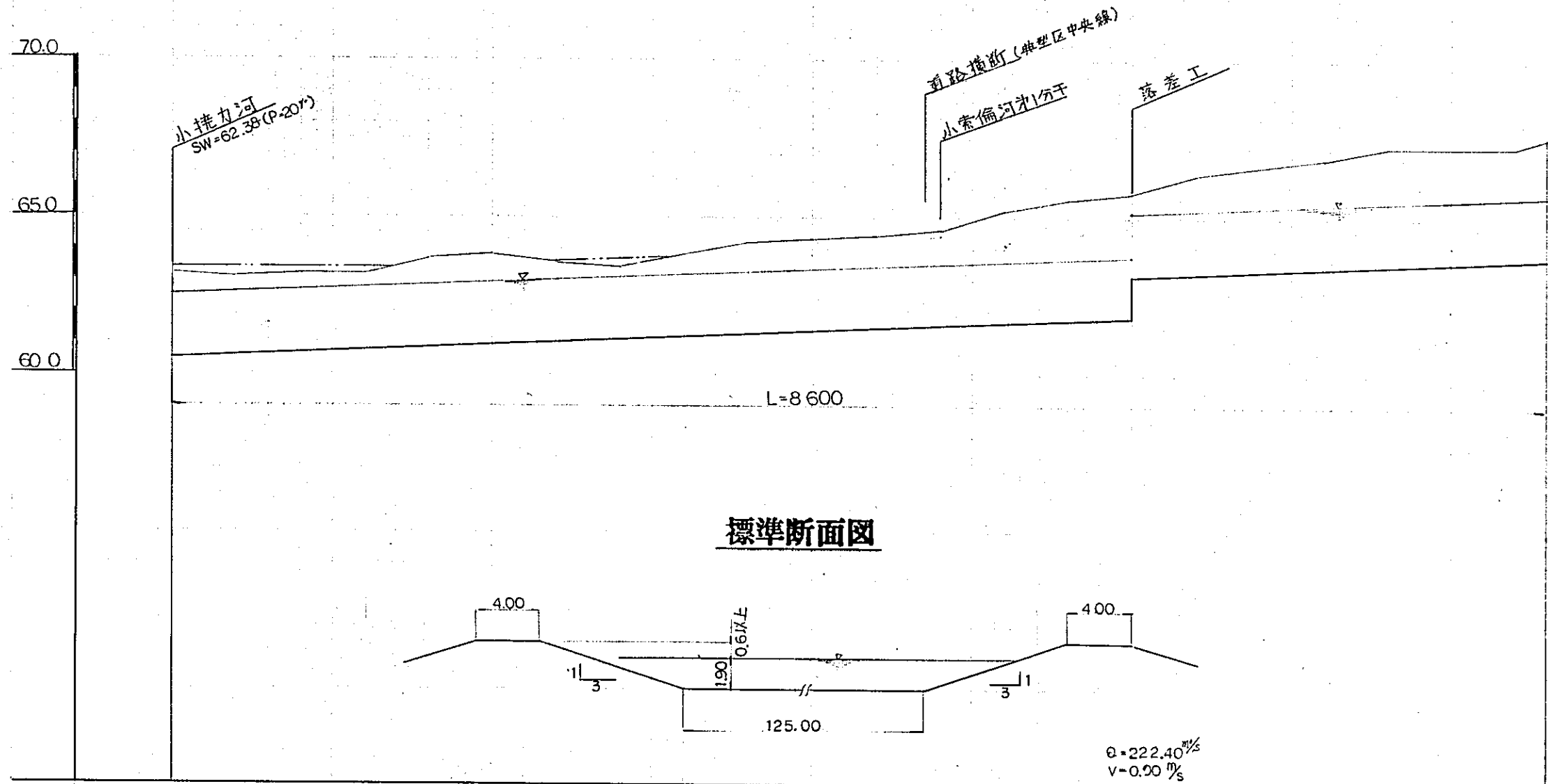


2.24	2.48	2.52	2.26	2.46	2.36	
62.66	62.82	62.98	63.14	63.30	63.34	
61.16	61.32	61.48	61.64	61.80	61.84	
63.4	63.8	64.0	63.2	64.2	64.2	
			2000	2500		
+800	NO 1	+200	+600	NO 2	+400	+500



国際協力事業団	
登録No. 10354	AFT

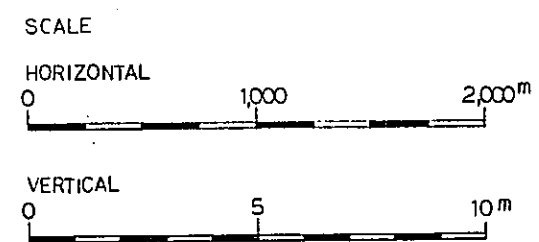
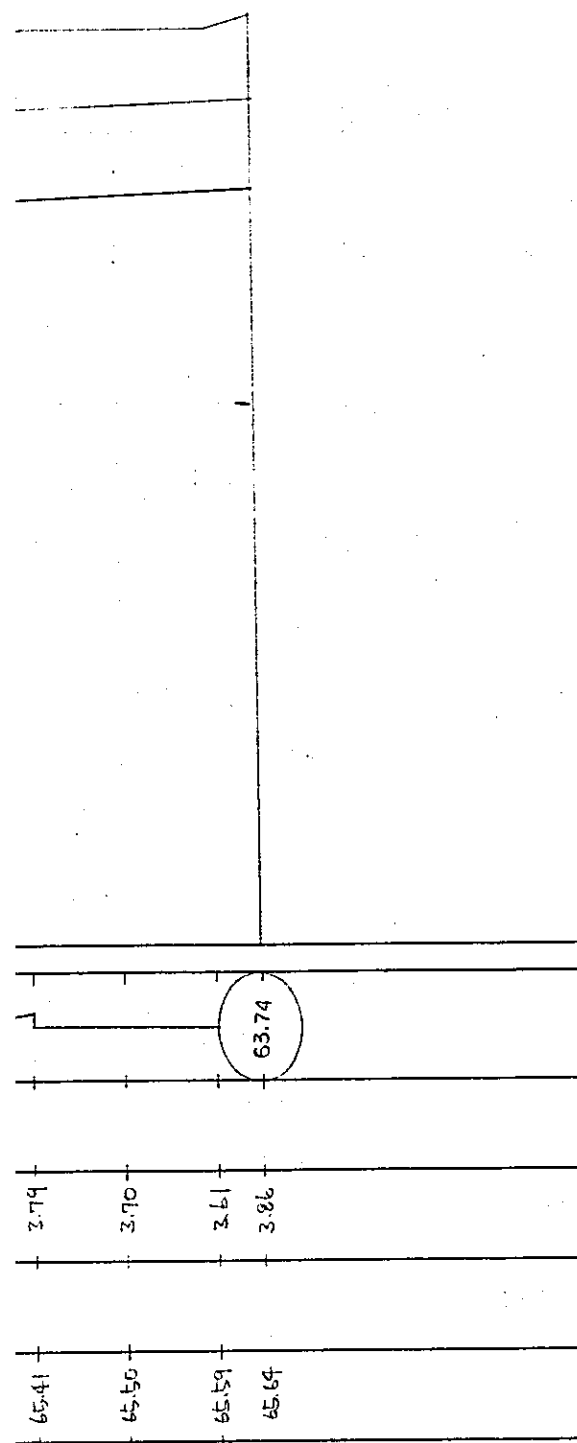
中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
小索倫第1分干	
小索倫第2分干	
排 - 24	

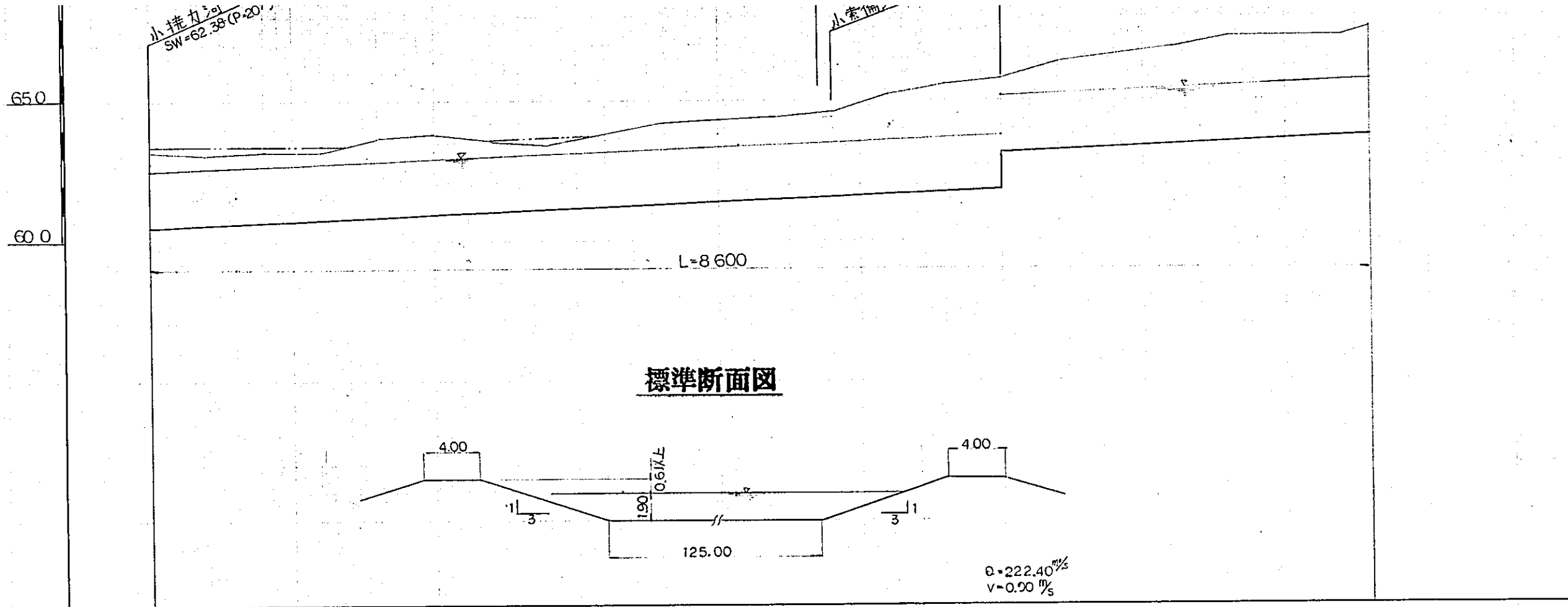


標準断面図

計	水面高	堤頂高	切出高	盛土高	勾配
1	62.80	63.40	2.90	0.20	60.50
2	62.49	63.40	2.71	0.30	
3	62.58	63.40	2.72	0.20	
4	62.57	63.40	2.63	0.20	
5	62.76		3.04		
6	62.85		3.05		
7	62.94		2.76		
8	62.05	63.63	2.47	0.23	
9	63.13		2.77		
10	63.22		3.08		
11	63.31		3.09		
12	63.40		3.10		
13	63.49		3.21		
14	63.58		3.72		
15	63.67		4.03		
16	62.76	63.15	4.14		
17	65.14		2.65		
18	65.4		3.16		
19	65.73		3.27		
20	65.32		3.46		
21	65.41		3.79		
22	65.50		2.70		
23	65.59		3.61		
24	65.64		3.86		

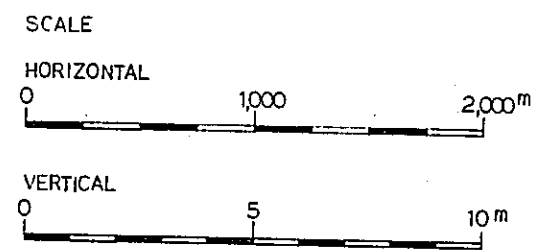
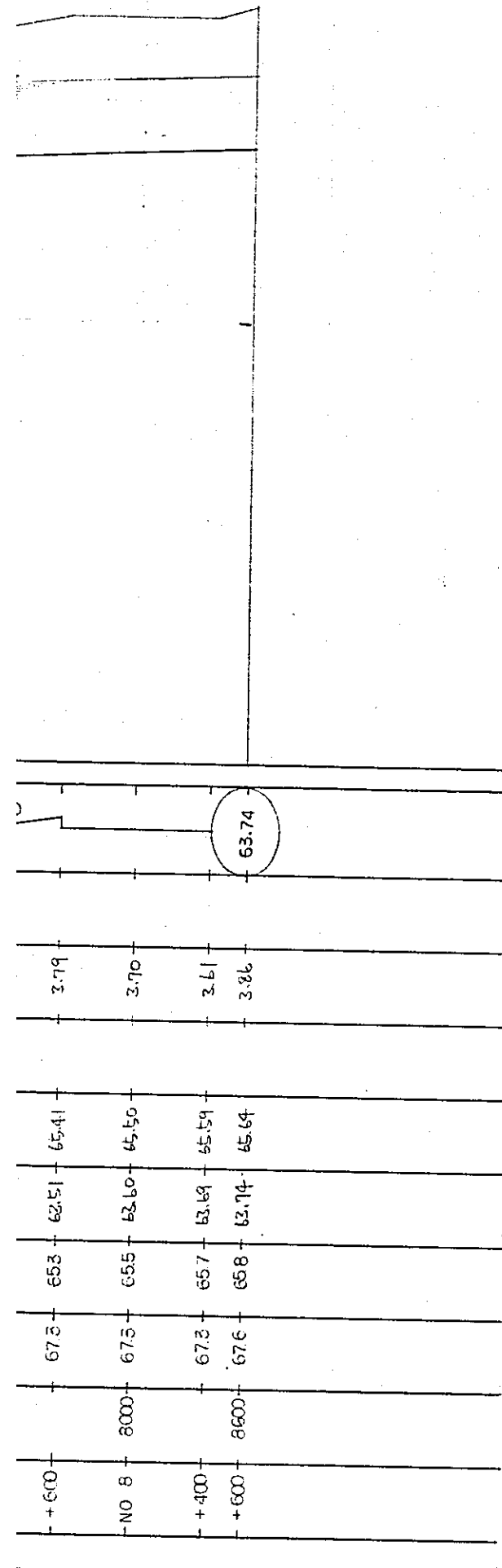
SCAI
HORI
0
VERT
0





測点	断面		計				断面		配
	断面距離	断面高	断面高	断面高	断面高	断面高	断面高	断面高	
NO 0	0	65.2	60.50	62.40	63.40	60.50	60.50	0.20	60.50
+400		63.1	60.59	62.49	63.40	60.59	60.59	0.30	60.59
+800		63.2	60.68	62.58	63.40	60.68	60.68	0.20	60.68
NO 1		63.2	60.77	62.67	63.40	60.77	60.77	0.20	60.77
+600		63.7	60.86	62.76	63.40	60.86	60.86	0.20	60.86
NO 2	2000	63.8	60.95	62.85	63.40	60.95	60.95	0.20	60.95
+400		63.6	61.04	62.94	63.40	61.04	61.04	0.20	61.04
+800		63.4	61.13	63.03	63.40	61.13	61.13	0.20	61.13
NO 3		63.8	61.23	63.13	63.40	61.23	61.23	0.20	61.23
+200		64.2	61.32	63.22	63.40	61.32	61.32	0.20	61.32
+600		64.3	61.41	63.31	63.40	61.41	61.41	0.20	61.41
NO 4	4000	64.4	61.50	63.40	63.40	61.50	61.50	0.20	61.50
+400		64.6	61.59	63.49	63.40	61.59	61.59	0.20	61.59
+800		65.2	61.68	63.58	63.40	61.68	61.68	0.20	61.68
NO 5		65.6	61.77	63.67	63.40	61.77	61.77	0.20	61.77
+200		65.8	61.86	63.76	63.40	61.86	61.86	0.20	61.86
+600		66.4	61.95	63.85	63.40	61.95	61.95	0.20	61.95
NO 6	6000	66.6	62.04	63.94	63.40	62.04	62.04	0.20	62.04
+400		66.9	62.13	64.03	63.40	62.13	62.13	0.20	62.13
+800		67.3	62.22	64.12	63.40	62.22	62.22	0.20	62.22
NO 7		67.3	62.31	64.21	63.40	62.31	62.31	0.20	62.31
+200		67.5	62.40	64.30	63.40	62.40	62.40	0.20	62.40
+600		67.5	62.49	64.39	63.40	62.49	62.49	0.20	62.49
NO 8	8000	67.6	62.58	64.48	63.40	62.58	62.58	0.20	62.58
+400		67.6	62.67	64.57	63.40	62.67	62.67	0.20	62.67
+800		67.6	62.76	64.66	63.40	62.76	62.76	0.20	62.76

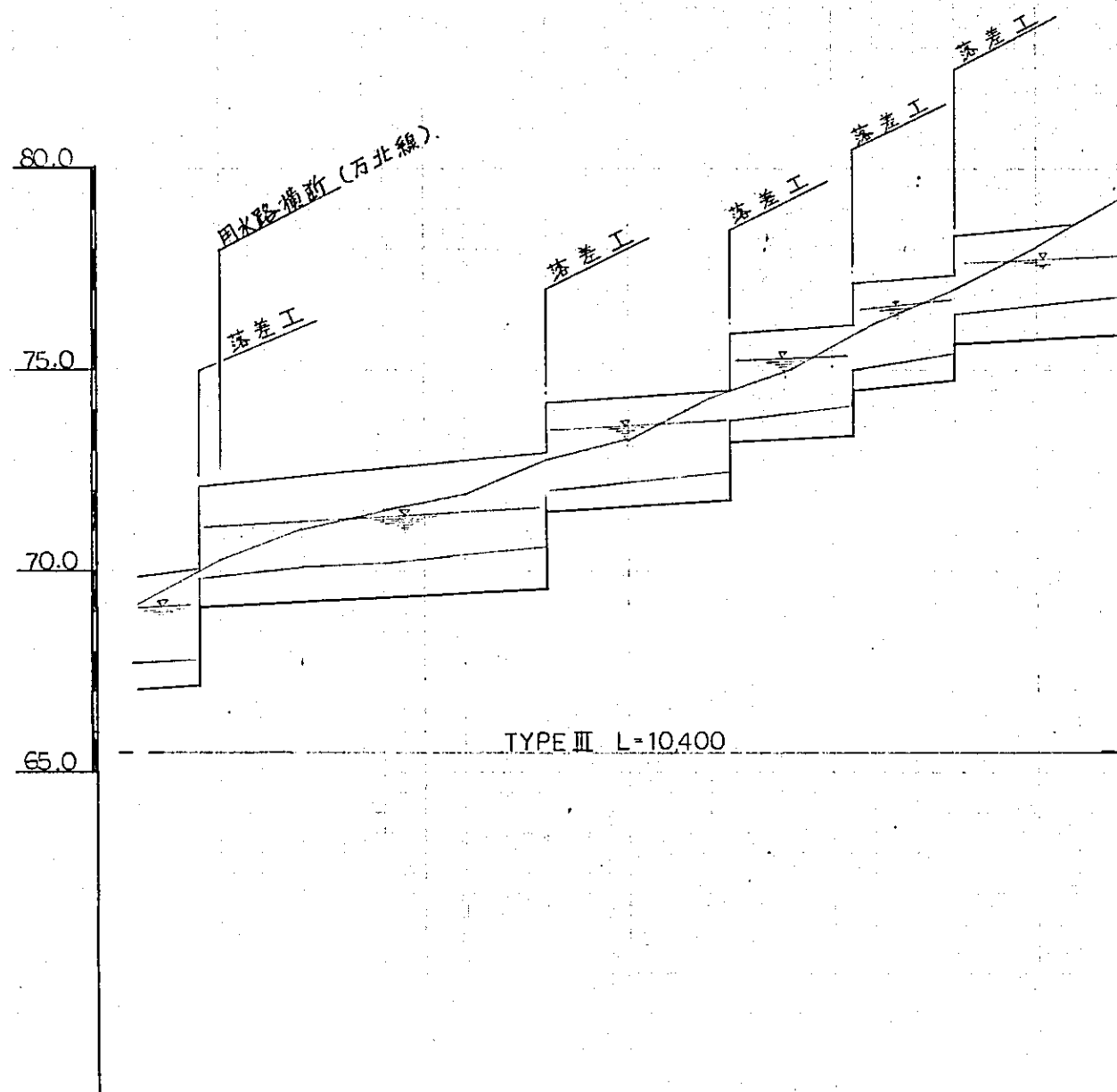
SCALE
HORIZON
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VERTICAL
0



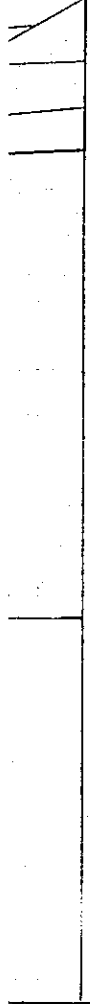
国際協力事業団

受入 月日 '84.5.30	105
登録No. 10354	80.7
	AFT

中国三江平原
竜頭橋地区農業開発計画
国際協力事業団
小索倫河排水
排 - 23



站	水面高	堤頂高	切土高	堤土高	配
5	67.08	70.00	2.95		67.13 69.10
3	69.16	71.10	2.97		
2	71.13	72.10	3.00		
3	71.16	72.10	2.97		
4	71.27	72.30	3.06		
6	71.39	72.50	3.14		
7	71.50	72.60	3.13		
9	71.62	72.70	3.11		69.59 71.50
0	73.53	74.20	2.70		
2	73.65	73.30	2.68		
3	73.76	74.40	2.67		
6	73.79	74.50	2.74		
0	75.23	75.70	2.70		71.76 73.20
8	75.31	76.00	2.72		
7	75.40	76.10	2.73		
2	76.63	77.20	2.70		73.37 74.50
3	76.86	77.20	2.67		
4	76.67	77.30	2.66		
5	77.68	78.30	2.65		74.64 75.65
7	77.80	78.50	2.73		
8	77.91	77.30	3.42		75.88



75.88

3.42

77.30

77.91

18

65.0

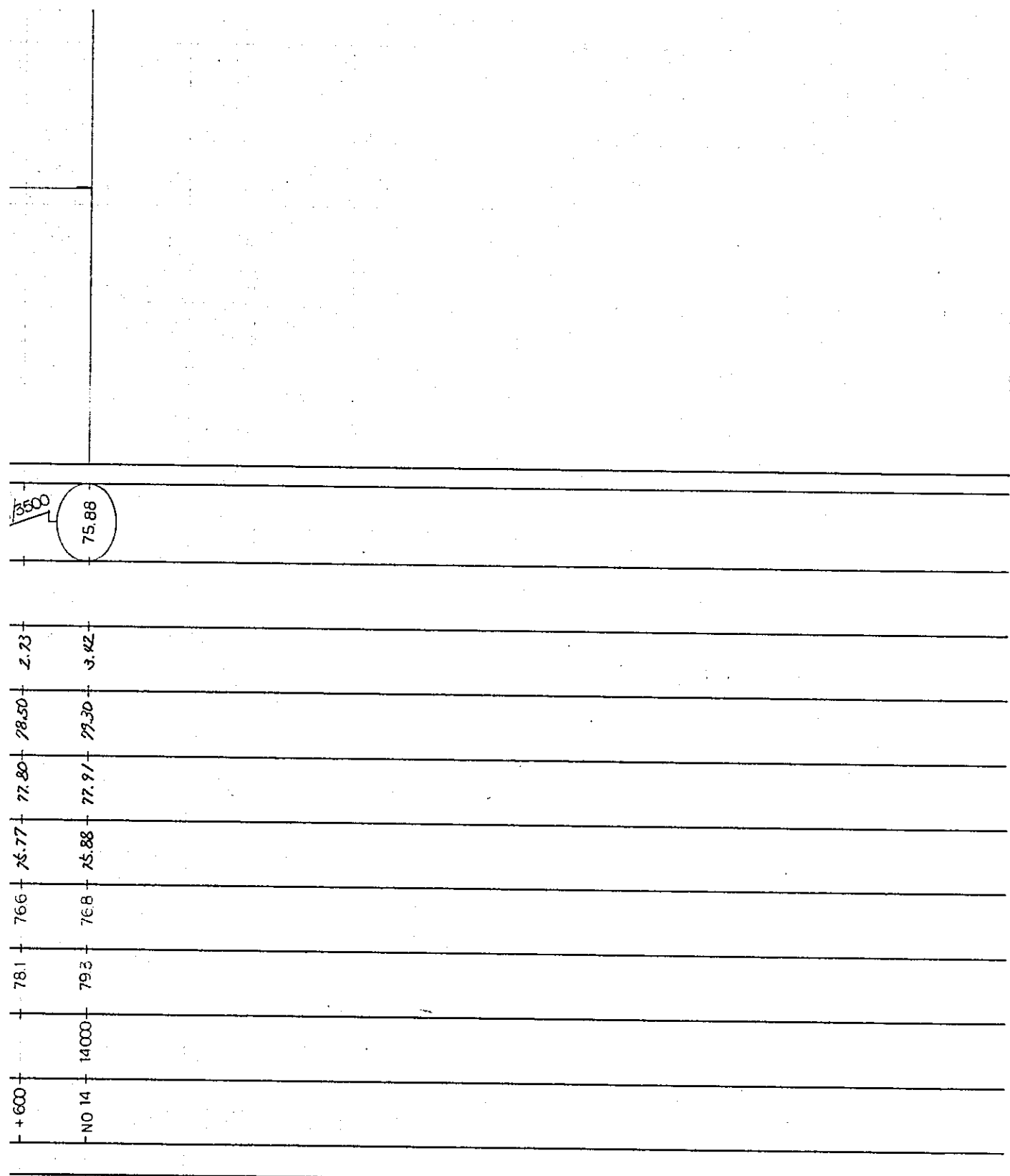
TYPE III L=10,400

区	現況			計			切土高	埋土高	勾配
	区	延長	河床高	水面高	堤頂高	堤脚高			
+200	区	692	678	47.05	49.08	70.00	2.95		$\frac{67.13}{69.10}$ $1=1/3500$
	+500			47.43	49.46	70.10	2.97		
	+600	703	699	47.70	49.73	72.10	2.99		
NO 10	区	711	701	49.24	71.27	72.30	3.06		$\frac{69.59}{71.50}$ $1=1/3500$
	+400			49.36	71.39	72.50	3.14		
	+800	719	704	49.47	71.50	72.60	3.13		
NO 11	区	728	720	49.49	71.62	72.70	3.11		$\frac{71.76}{73.20}$ $1=1/3500$
	+200			71.50	73.53	74.20	2.70		
	+600	733	722	71.62	73.65	73.30	2.68		
NO 12	区	743	724	71.73	73.76	74.40	2.67		$\frac{73.37}{74.50}$ $1=1/3500$
	+100			71.76	73.79	74.50	2.74		
	+400	750	739	73.28	75.31	76.00	2.72		
NO 13	区	762	751	73.37	75.40	76.10	2.73		$\frac{74.64}{75.65}$ $1=1/3500$
	+700			74.50	76.63	77.20	2.70		
	+800	770	764	74.53	76.66	77.20	2.67		
NO 14	区	781	766	74.64	76.67	77.30	2.66		$\frac{75.88}{77.91}$ $1=1/3500$
	+200			75.65	77.68	78.30	2.65		
	+600	793	768	75.77	77.80	78.50	2.73		
NO 14	区	793	768	75.88	77.91	77.30	3.42		
	+100								
	+400								

国際協力

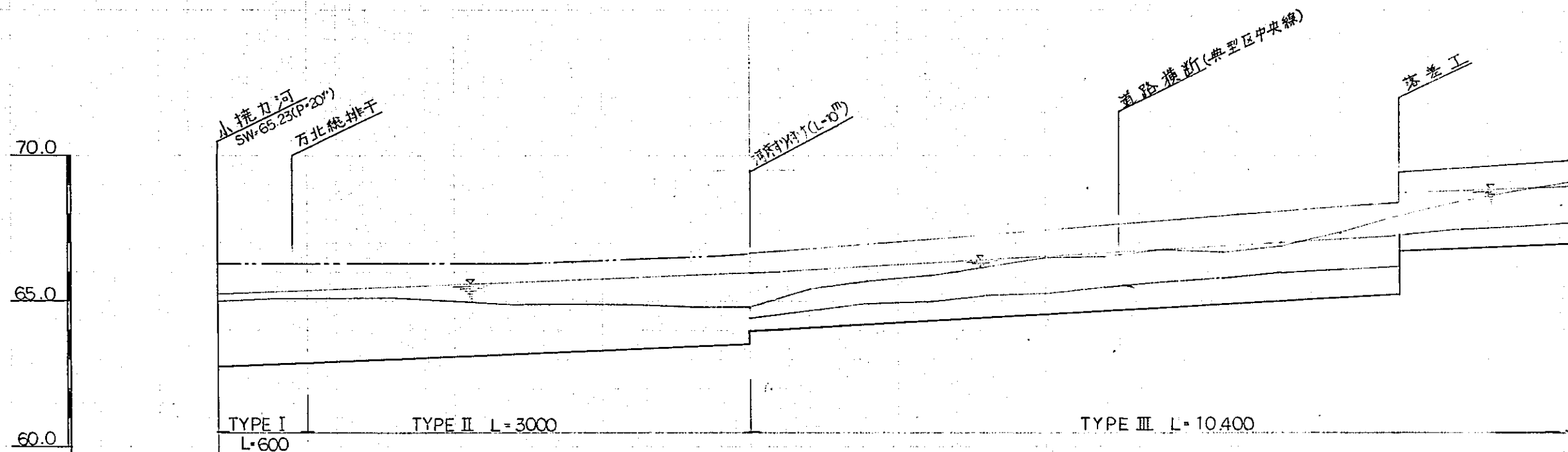
受入
月日 '84.5.30

登録No. 1035

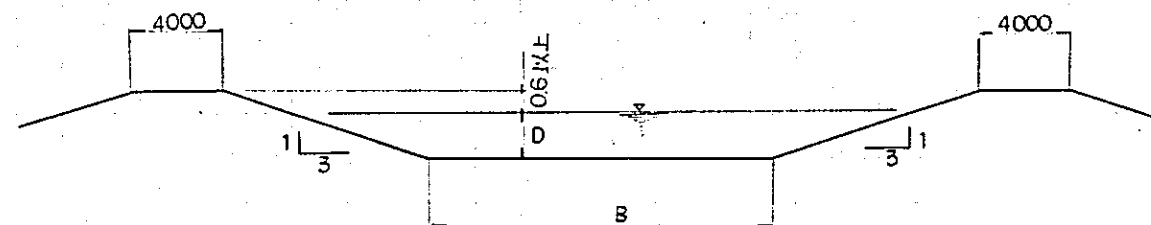


国際協力事業団	
受入 月日 '84. 5. 30	105
登録No. 10354	80.9
	AFT

中国三江平原 屯河橋典型区農業開発計画
国際協力事業団
四方山排水 (2/2)
排 - 22



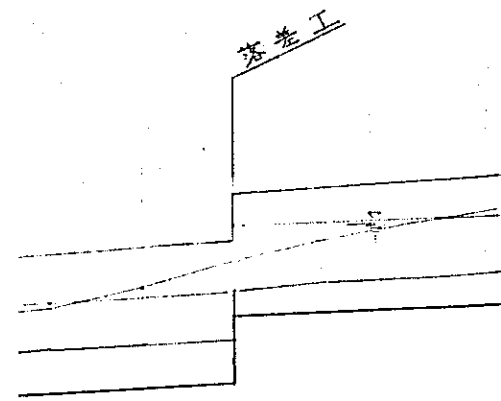
標準断面図



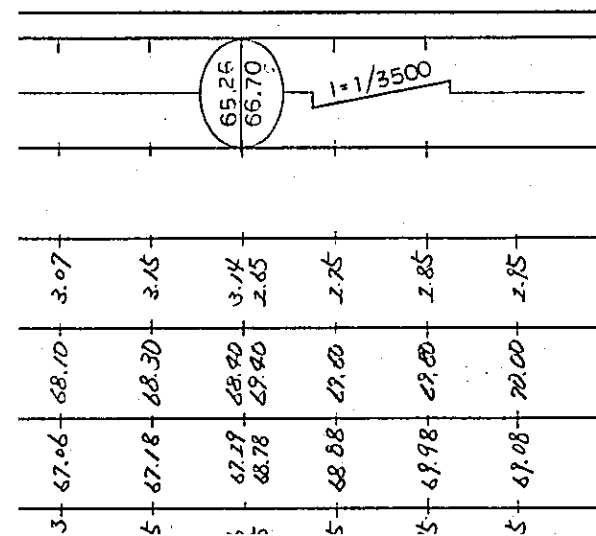
TYPE	I	II	III
Q m ³ /s	75.62	38.71	38.71
B m	27.00	15.00	15.00
D m	2.46	2.24	2.03
V m/s	0.89	0.80	0.90

計	水面高	堤頂高	切出高	盛土高	勾配
	65.26	66.30	2.20	1.30	62.80
	65.34	66.30	2.22	1.20	
	65.38	66.30	2.18	1.20	
	65.42	66.30	2.14	1.20	
	65.50	66.30	2.06	1.20	
	65.58	66.30	1.88	1.30	
	65.66	66.30	1.70	1.40	
	65.74	66.34	1.62	1.44	
	65.82	66.42	1.54	1.52	
	65.90	66.50	1.36	1.70	
	65.98	66.58	1.28	1.78	63.52
	66.03	66.70	2.70		64.00
	66.14	66.80	2.69		
	66.26	67.00	2.77		
	66.37	67.10	2.76		
	66.49	67.20	2.84		
	66.60	67.50	2.93		
	66.72	67.60	2.91		
	66.83	67.70	2.90		
	66.85	67.90	2.98		
	67.06	68.10	3.07		
	67.18	68.30	3.15		
	67.29	68.40	3.14		
	68.78	69.40	2.65		65.26
	68.88	69.60	2.75		66.70
	69.98	69.80	2.85		
	69.08	70.00	2.85		

中央線)

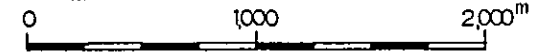


TYPE	I	II	III
Q m/s	75.62	38.71	38.71
B m	27.00	15.00	15.00
D m	2.46	2.24	2.03
V m/s	0.89	0.80	0.90

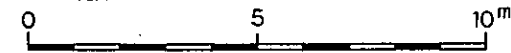


SCALE

HORIZONTAL



VERTICAL



实 测			计 算				
点 号	测 站 距 离	地 面 高	河 床 高	水 面 高	堤 顶 高	切 土 高	堤 土 高
-NO 0	0	65.0		65.26	66.30	2.20	1.30
+400		65.1		65.34	66.30	2.22	1.20
+600				65.38	66.30	2.18	1.20
+800		65.1		65.42	66.30	2.14	1.20
-NO 1							
+200		65.1		65.50	66.30	2.06	1.20
+600		65.0		65.58	66.30	1.88	1.30
-NO 2	2000	64.9		65.66	66.30	1.70	1.40
+400		64.9		65.74	66.34	1.62	1.44
+800		64.9		65.82	66.32	1.54	1.52
-NO 3							
+200		64.8		65.90	66.50	1.36	1.70
+600		64.8	64.5	65.98	66.58	1.28	1.78
-NO 4	4000	65.4	64.7	66.14	66.80	2.69	
+400		65.7	64.9	66.23	67.00	2.77	
+800		65.9	65.0	66.34	67.10	2.76	
-NO 5							
+200		66.2	65.2	66.46	67.30	2.84	
+600		66.5	65.5	66.57	67.50	2.93	
-NO 6	6000	66.5	65.5	66.69	67.60	2.91	
+400		66.8	65.7	66.80	67.70	2.90	
+800		66.7	65.8	66.92	67.85	2.98	
-NO 7							
+200		66.9	66.0	67.03	68.10	3.07	
+600		67.4	66.1	67.15	68.30	3.15	
-NO 8	8000	68.0	67.3	67.29	68.40	3.14	
+400		68.4	67.5	67.85	68.88	2.75	
+800		68.8	67.6	67.98	68.80	2.85	
-NO 9							
+200	9200	69.2	67.6	67.68	68.00	2.95	

D m	2.46	2.24	2.03
V m/s	0.80	0.80	0.90

62.80

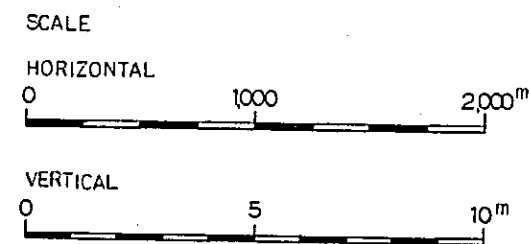
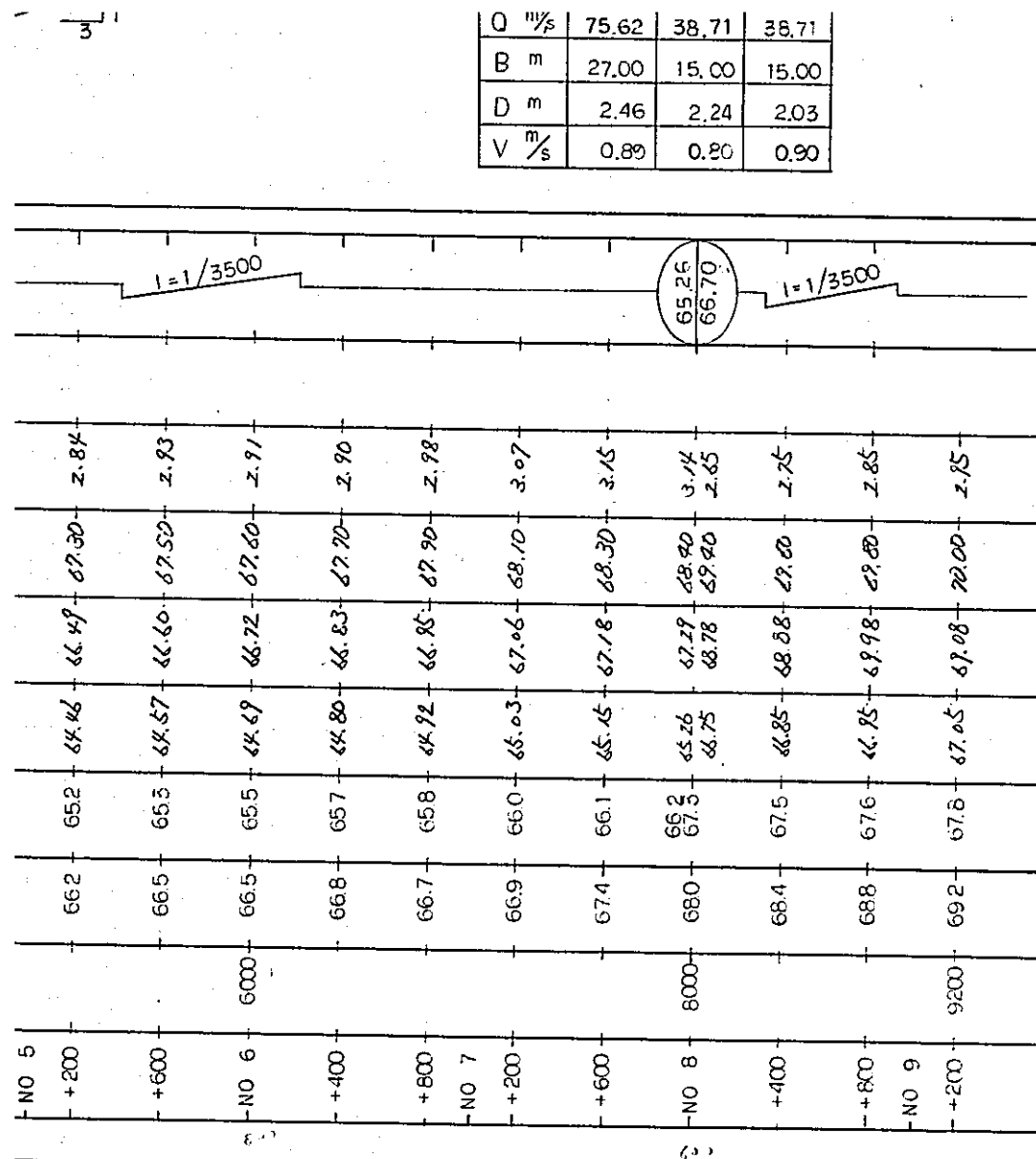
1=1/5000

63.52
64.00

1=1/3500

65.26
66.70

1=1/3500



国際協力事業団

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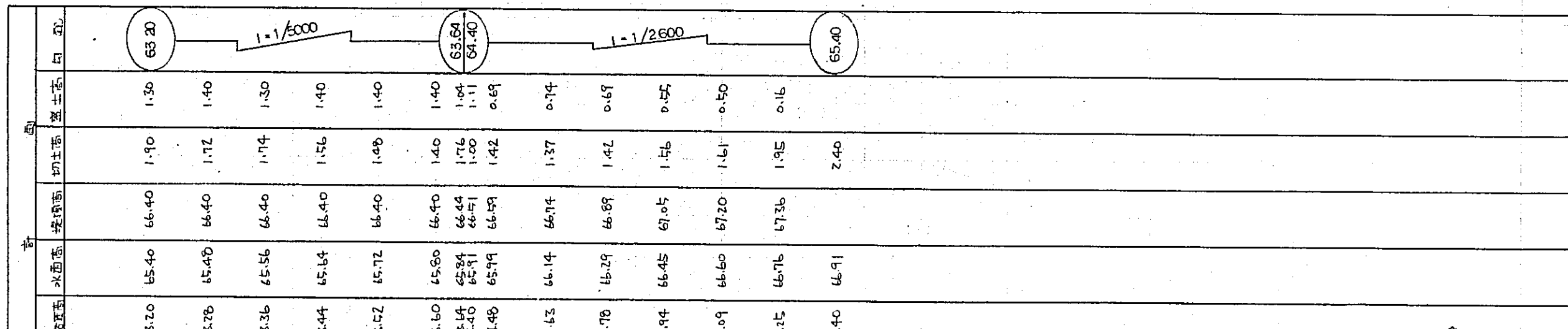
AFT

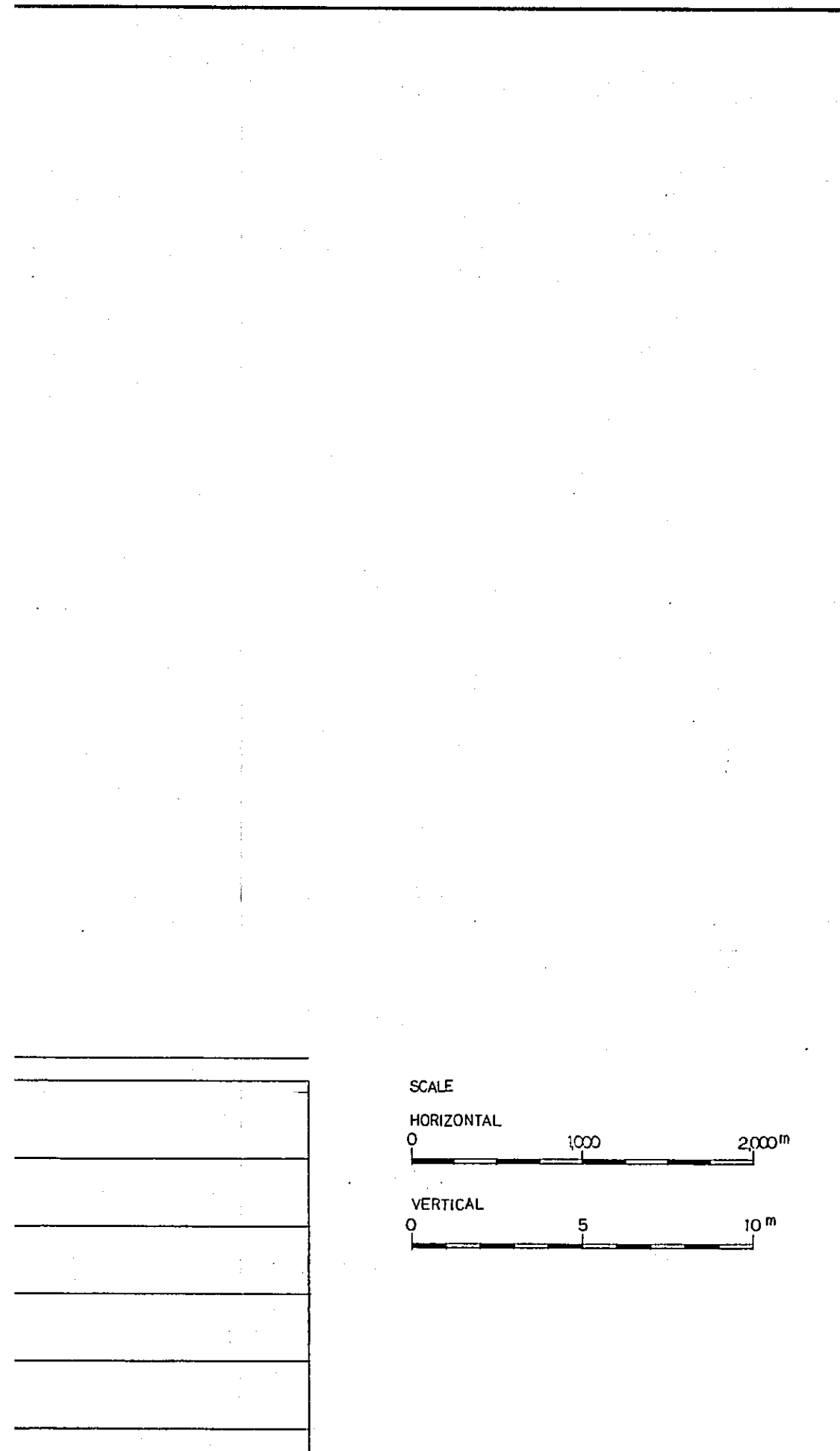
中国三江平原
屯河橋梁型巨農米開港計画

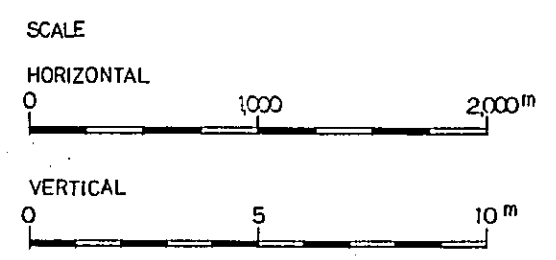
国際協力事業団

四方山排水(1/2)

排 - 21







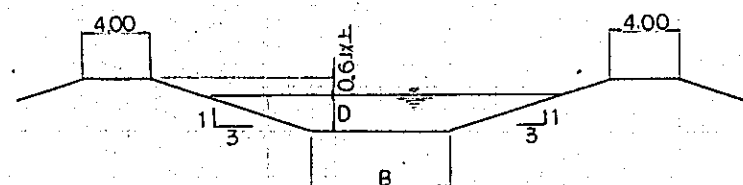
65.0

60.0

TYPE I L=2,200

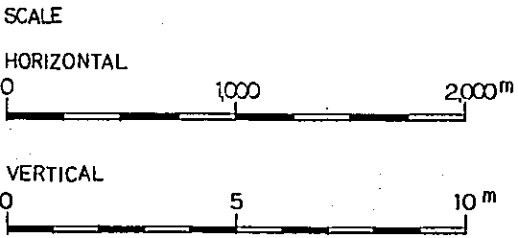
TYPE II L=2,600

標準断面図



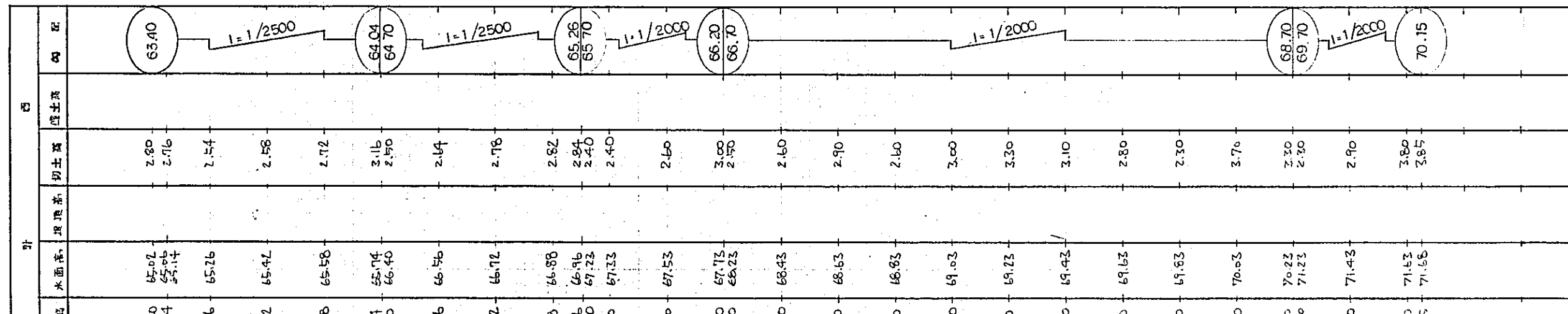
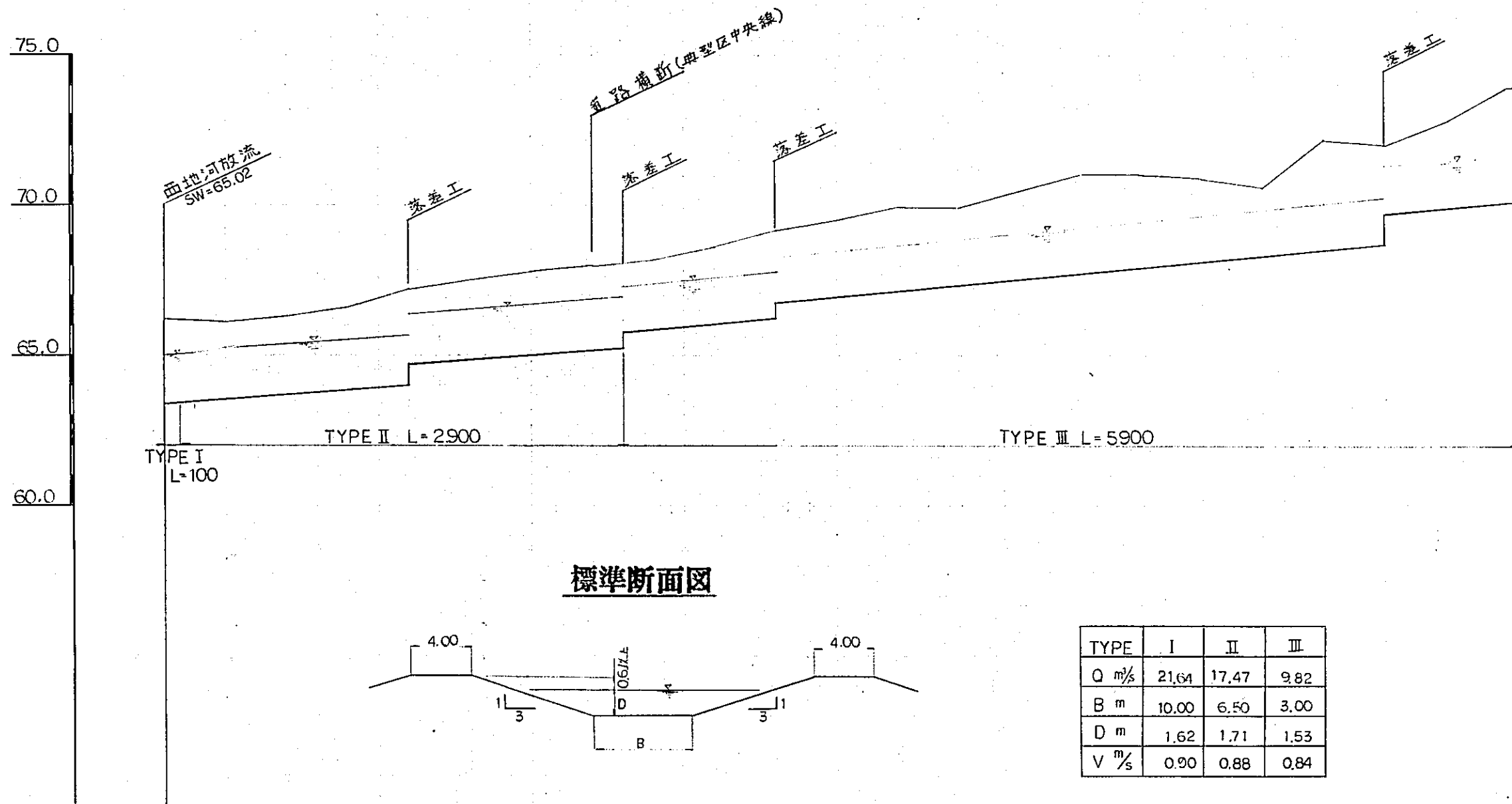
TYPE	I	II
Q m ³ /s	37.44	12.63
B m	15.00	6.00
D m	2.20	1.51
V %	0.79	0.80

現況	計画					断面
	地点	河床高	水面高	堤頂高	切土高	盛土高
NO.0	0	63.20	65.40	66.40	1.90	1.30
	+400	63.28	65.48	66.40	1.72	1.40
	+800	63.36	65.56	66.40	1.74	1.30
	NO.1	63.44	65.64	66.40	1.56	1.40
	+200	63.52	65.72	66.40	1.48	1.40
NO.2	2000	63.60	65.80	66.40	1.40	1.40
	+400	63.64	65.84	66.44	1.76	1.84
	+800	64.40	65.91	66.51	1.60	1.11
	NO.3	64.48	65.99	66.59	1.42	0.69
	+200	64.53	66.14	66.74	1.37	0.74
NO.4	4000	64.78	66.29	66.89	1.42	0.69
	+400	64.94	66.45	67.05	1.56	0.55
	+800	65.09	66.60	67.20	1.61	0.50
	NO.5	65.25	66.76	67.36	1.95	0.16
	+600	65.40	66.91	67.41	2.40	

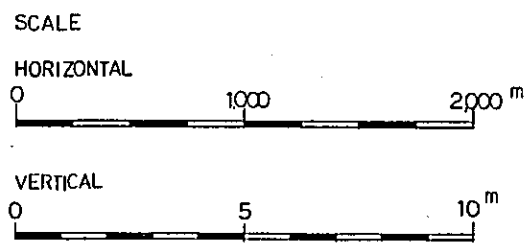
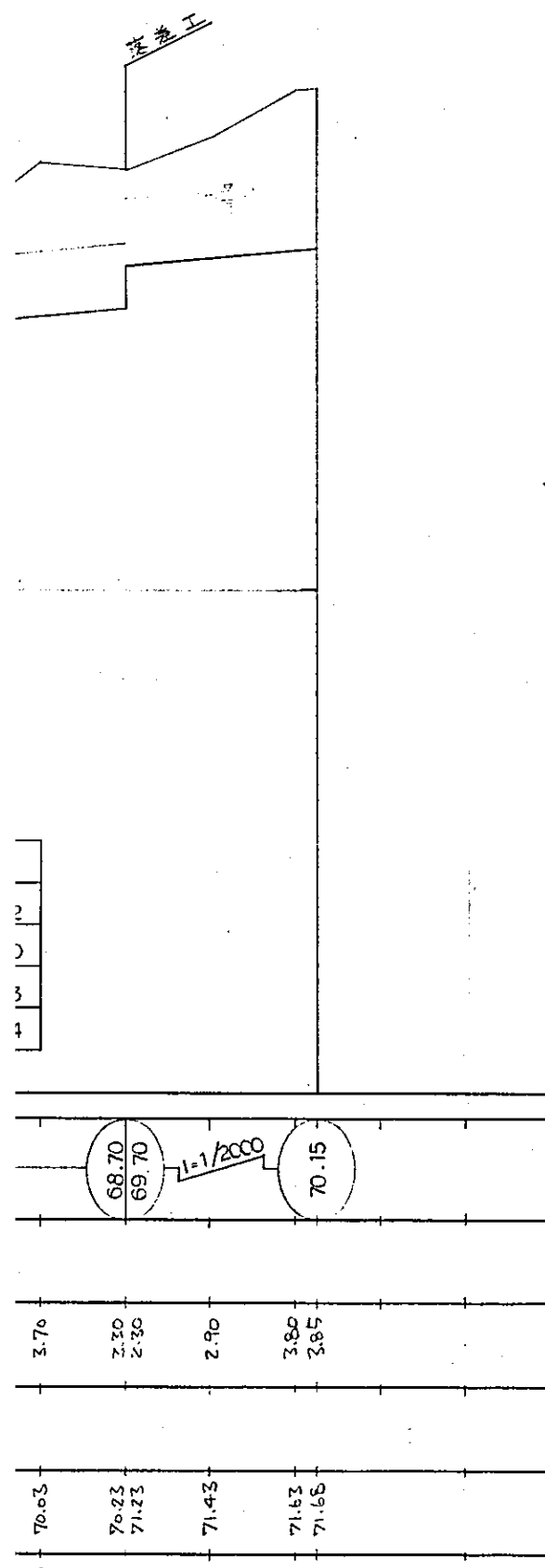


国際協力事業団	
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中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
万北総排水	
排 - 20	

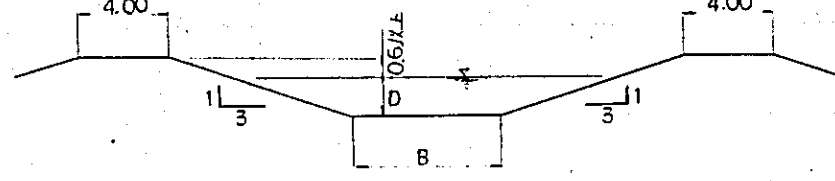


SCALE
HORIZ
0
VERTIC
0



60.0

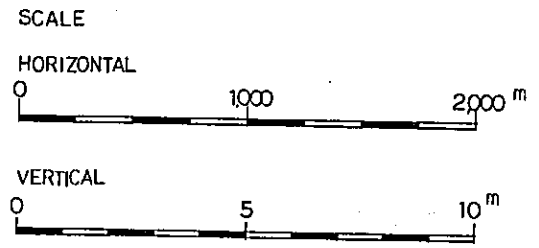
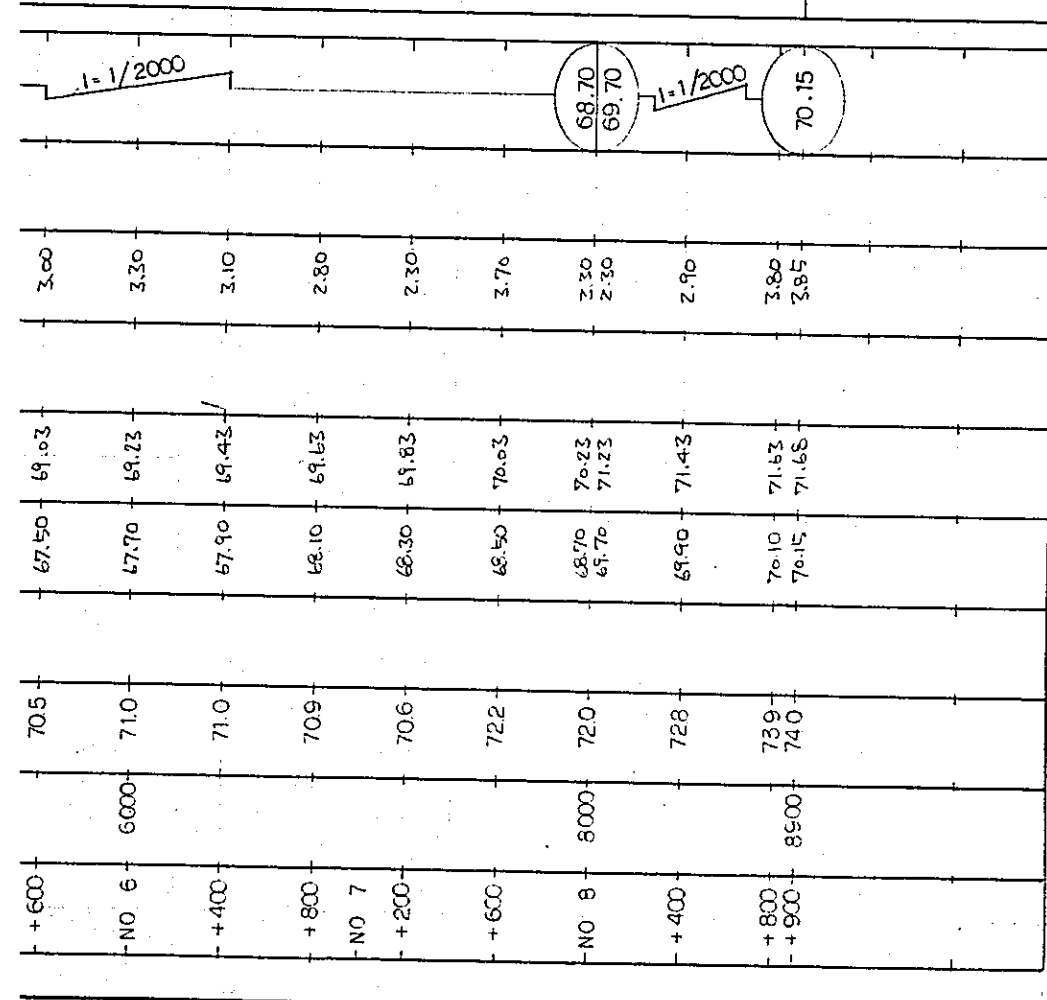
標準断面図



TYPE	I	II	III
Q m ³ /s	21.64	17.47	9.82
B m	10.00	6.50	3.00
D m	1.62	1.71	1.53
V m/s	0.90	0.88	0.84

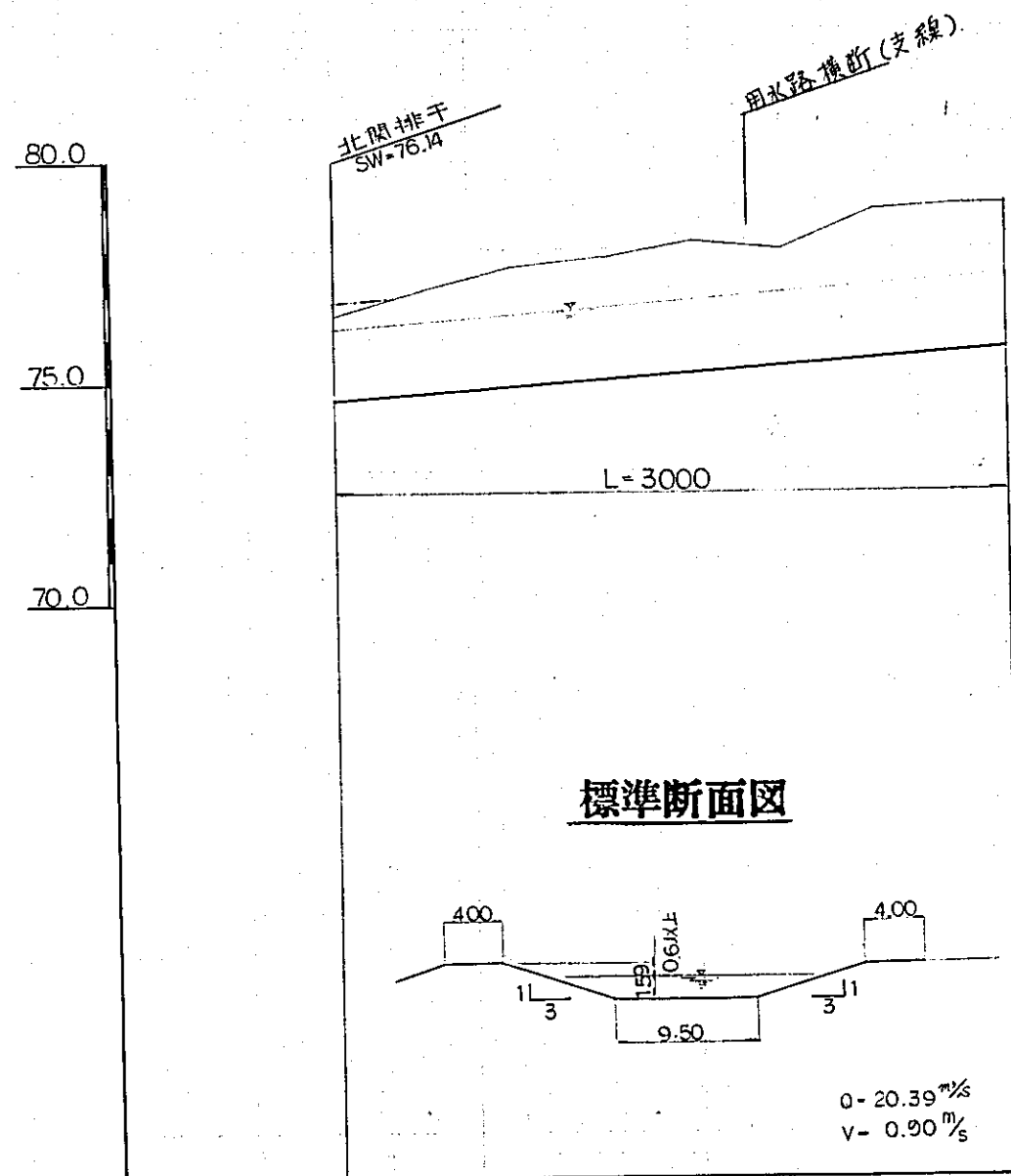
測 点		計 算				註 記	
測 点	測 距 (m)	河 床 高 (m)	水 面 高 (m)	堤 頂 高 (m)	切 土 高 (m)	積 土 高 (m)	備 考
NO 0	0	66.2	63.40	65.02	2.60	63.40	1=1/2500
+100		66.2	63.44	65.06	2.62	63.44	
+400		66.1	63.56	65.26	2.70	63.56	
+800		66.3	63.72	65.42	2.70	63.72	
NO 1		66.6	63.88	65.58	2.70	63.88	
+200		67.2	64.04	65.74	2.70	64.04	
+600		67.5	64.10	65.80	2.70	64.10	
NO 2	2000	67.8	64.26	65.96	2.70	64.26	1=1/2500
+400		68.0	64.42	66.12	2.70	64.42	
+800		68.1	64.58	66.28	2.70	64.58	
NO 3		68.2	64.74	66.44	2.70	64.74	1=1/2000
+200		68.6	64.90	66.60	2.70	64.90	
+600		69.2	65.06	66.76	2.70	65.06	
NO 4	4000	69.5	65.22	66.92	2.70	65.22	
+400		70.0	65.38	67.08	2.70	65.38	
+800		69.9	65.54	67.24	2.70	65.54	
NO 5		70.5	65.70	67.40	2.70	65.70	1=1/2000
+200		71.0	65.86	67.56	2.70	65.86	
+600		71.0	66.02	67.72	2.70	66.02	
NO 6	6000	70.9	66.18	67.88	2.70	66.18	
+400		70.6	66.34	68.04	2.70	66.34	
+800		72.2	66.50	68.20	2.70	66.50	
NO 7		72.0	66.66	68.36	2.70	66.66	
+200		72.8	66.82	68.52	2.70	66.82	
+600		73.9	66.98	68.68	2.70	66.98	
NO 8	8000	74.0	67.14	68.84	2.70	67.14	1=1/2000
+400		73.9	67.30	69.00	2.70	67.30	
+800		74.0	67.46	69.16	2.70	67.46	
+900	8900		70.10	71.65	3.80	70.10	

TYPE	I	II	III
Q m ³ /s	21.64	17.47	9.82
B m	10.00	6.50	3.00
D m	1.62	1.71	1.53
V m ³ /s	0.90	0.88	0.84



国際協力事業団	
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中国三江平原	
竜頭橋典型丘農業開発計画	
国際協力事業団	
西地河放流分千	
排 - 19	

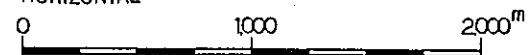


計	断面					1+1/2400					75.85				
	水面高	堤頂高	切土高	盛土高	勾配	74.60									
1	76.19	76.79	2.00	0.19											
2	76.36		2.33												
3	76.52		2.67												
4	76.69		2.70												
5	76.86		2.93												
6	77.02		2.57												
7	77.19		3.30												
8	77.36		4.23												
9	77.44		4.15												

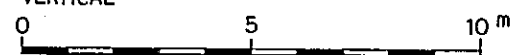
SCAL
HOR
0
VER
0

SCALE

HORIZONTAL



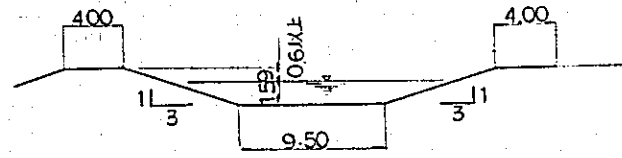
VERTICAL



75.0

70.0

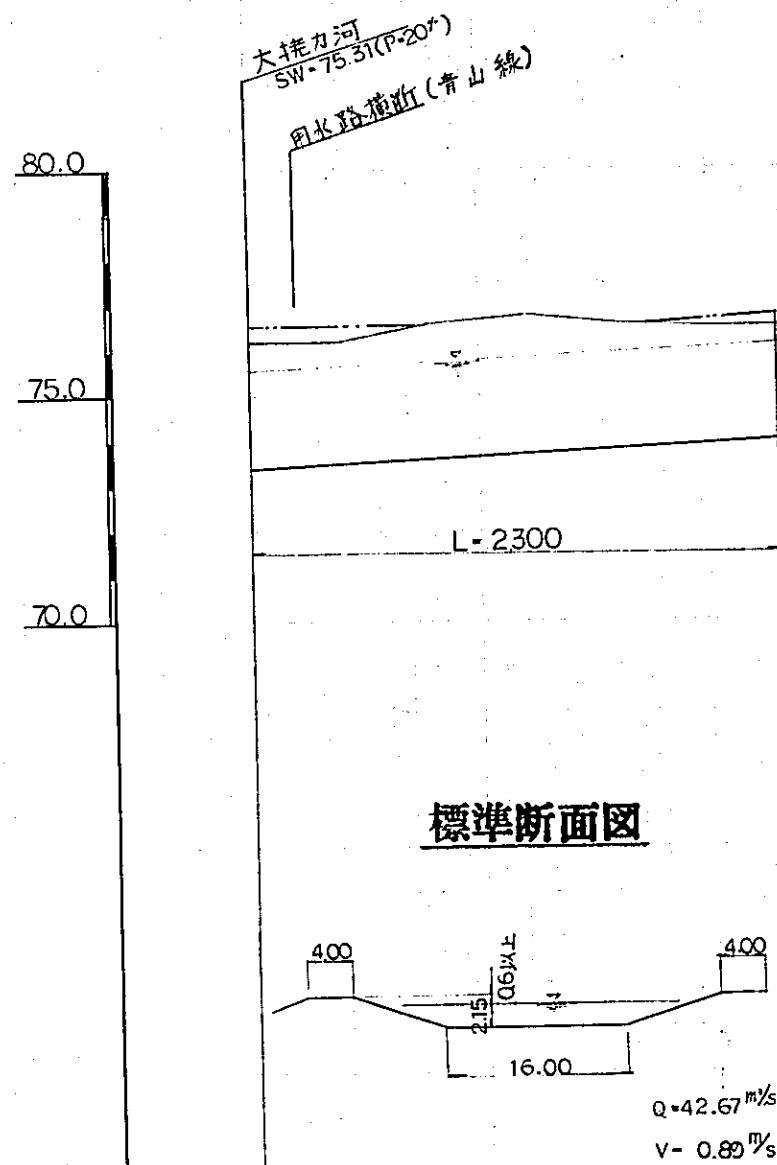
標準断面図



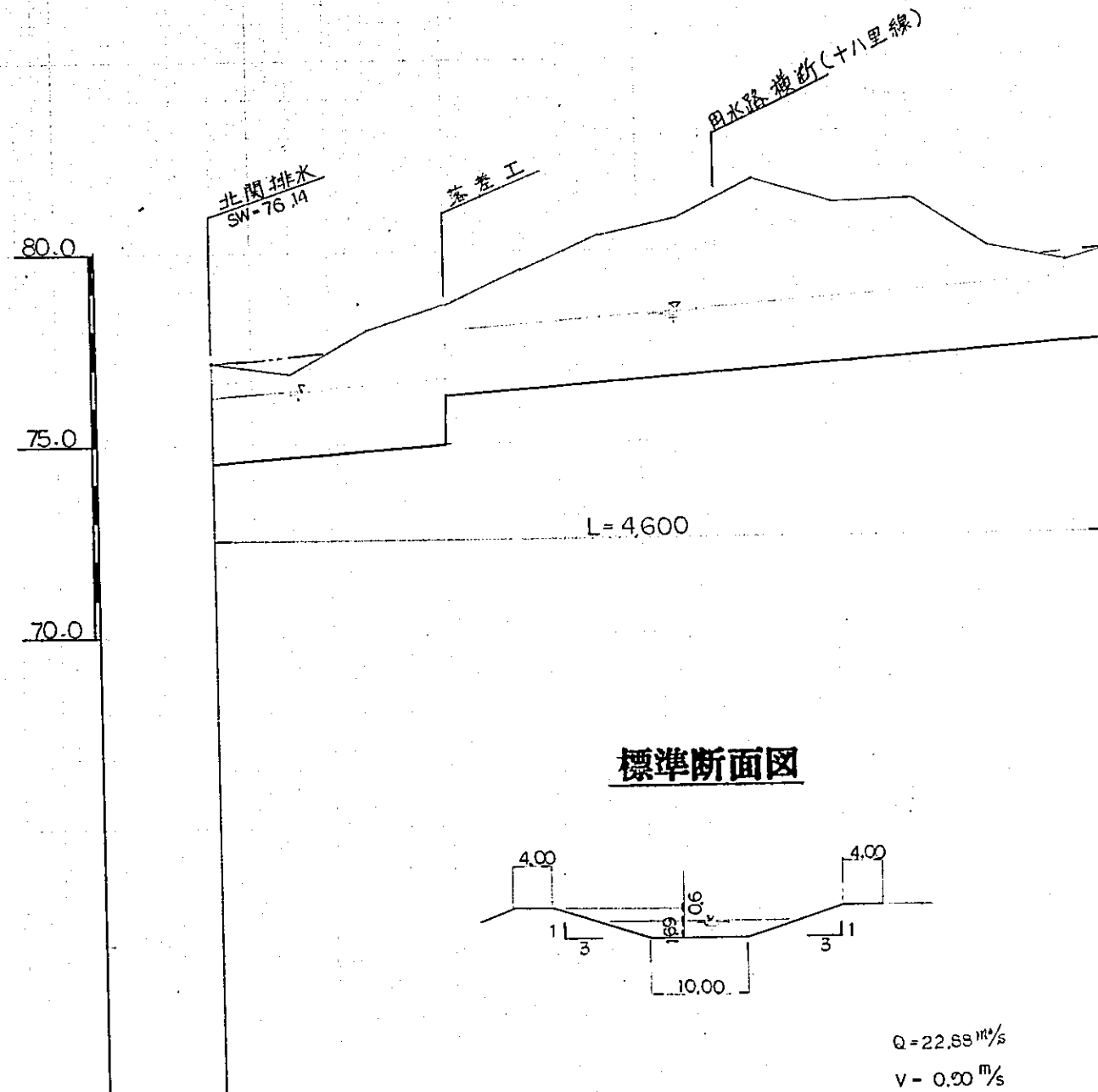
Q = 20.39 m³/s
V = 0.90 m/s

現況		計画				
測点	断面距離	地盤高	河床高	水深	水面高	堤頂高
NO 0	0	76.6	74.60	76.19	76.79	74.60
+400		77.1	74.77	76.36		2.00
+800		77.6	74.93	76.52		2.33
NO 1		77.8	75.10	76.69		2.47
+200		78.2	75.27	76.86		2.70
+600		78.0	75.43	77.02		2.93
NO 2	2000	78.9	75.60	77.19		2.57
+400		80.0	75.77	77.36		3.30
+800		80.0	75.95	77.44		4.23
NO 3	3000					4.15

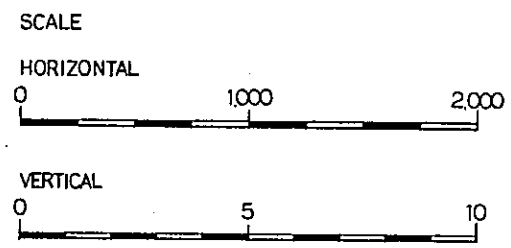
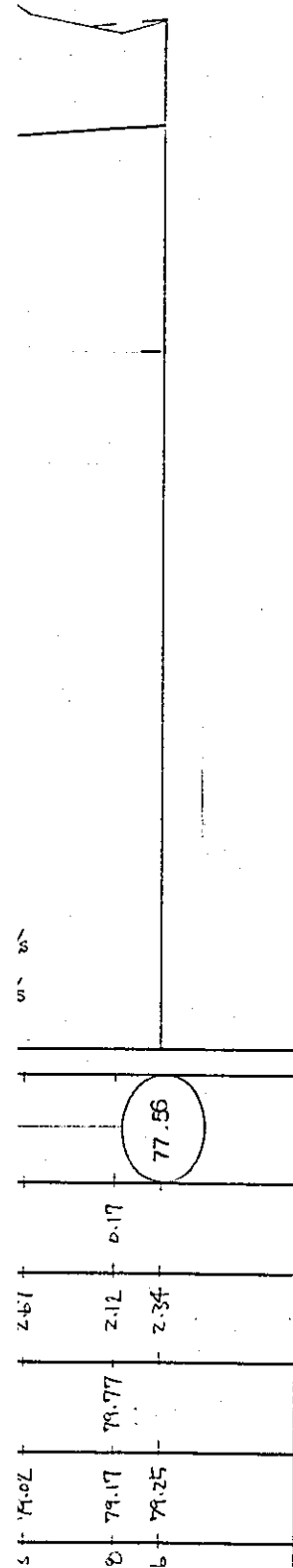
SCAL
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計	水面高	堤頂高	切土高	盛土高	勾配
	75.55	76.55	2.80	0.35	73.40
	75.65	76.55	2.70	0.35	
	75.76		2.71		
	75.85		2.69		
	75.96		2.67		
	76.06	76.65	2.69	0.05	
	76.14	76.74	2.61	0.74	73.93

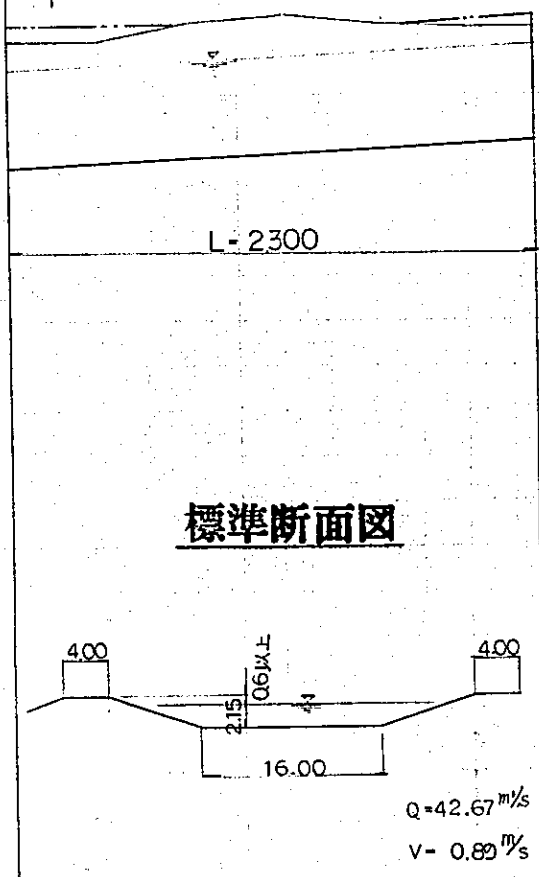


計	水面高	堤頂高	切土高	盛土高	勾配
	76.19	76.79	2.10	0.19	74.50
	76.34	76.94	2.15	0.14	
	76.50		2.19		
	76.65		2.14		
	76.80		2.10		
	76.94		2.06		
	77.09		2.01		
	77.24		1.96		
	77.39		1.91		
	77.54		1.86		
	77.69		1.81		
	77.84		1.76		
	77.99		1.71		
	78.14		1.66		
	78.29		1.61		
	78.44		1.56		
	78.59		1.51		
	78.74		1.46		
	78.89		1.41		
	79.04		1.36		
	79.19	79.77	2.12	0.17	77.56
	79.34		2.07		



75.0
70.0

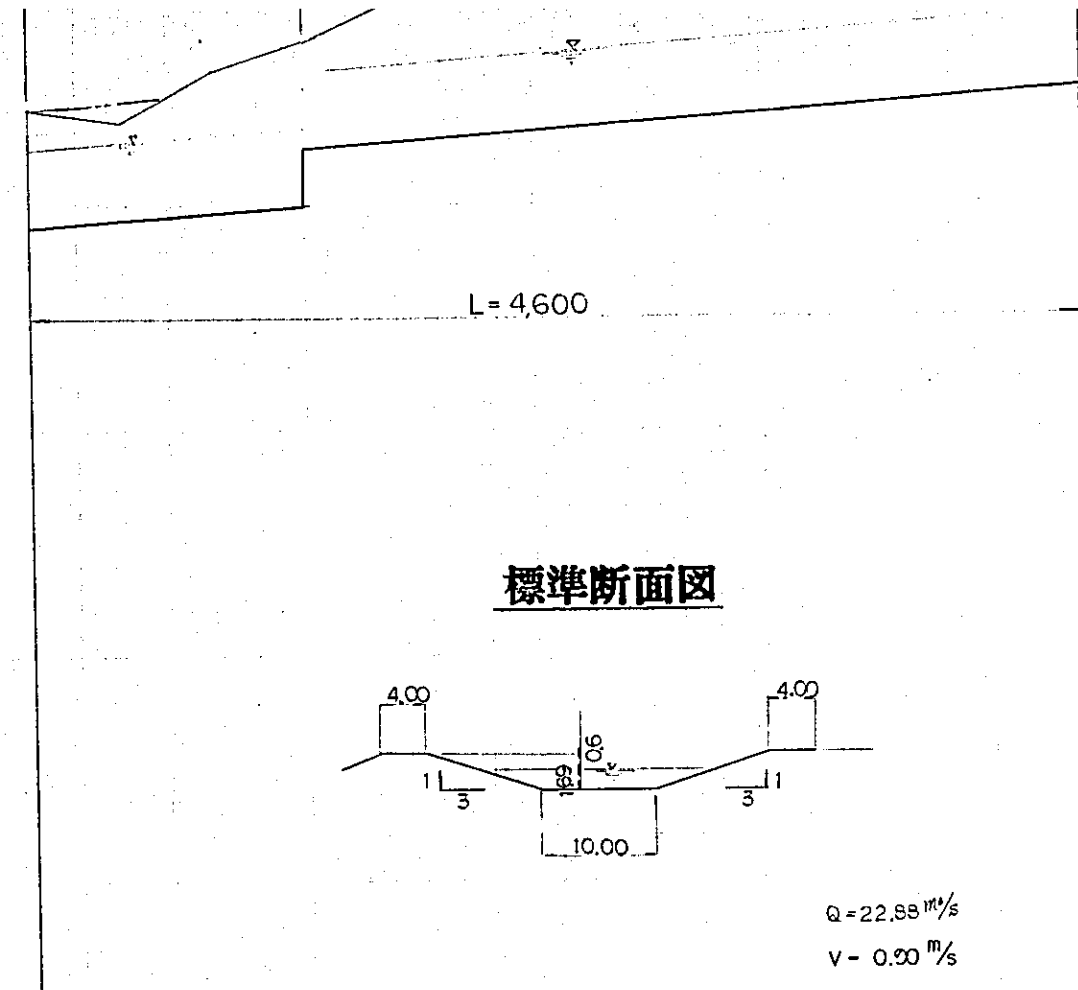
標準断面図



現況		設計				
測点	追加距離	地盤高	河床高	水深高	堤頂高	切土高
NO 0	0	76.2	73.40	75.55	76.55	2.80
+400		76.2	73.50	75.65	76.55	2.70
+800		76.6	73.61	75.76	77.1	2.71
NO 1		76.8	73.71	75.85		3.07
+200		76.6	73.81	75.96		2.69
+600		76.6	73.91	76.06	76.65	2.69
NO 2	2000	76.6	73.97	76.14	76.74	2.61
+300	2300	76.6				0.74

75.0
70.0

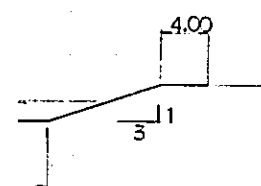
標準断面図



現況		設計				
測点	追加距離	地盤高	河床高	水深高	堤頂高	切土高
NO 0	0	76.6	74.50	76.19	76.79	2.10
+400		76.8	74.65	76.34	76.94	2.15
+800		78.0	74.81	76.50		3.19
NO 1		78.6	74.96	76.65		3.64
+200			76.25	77.94		2.35
+600		79.5	76.40	78.09		3.10
NO 2	2000	80.4	76.56	78.25		3.84
+400		80.6	76.71	78.40		4.09
+800		81.6	76.87	78.56		4.93
NO 3		81.2	77.02	78.71		4.18
+200		81.3	77.17	78.86		4.13
+600		80.0	77.33	79.02		2.67
NO 4	4000		77.48	79.17	79.77	2.12
+400		79.6	77.66	79.25		2.34
+600	4600					

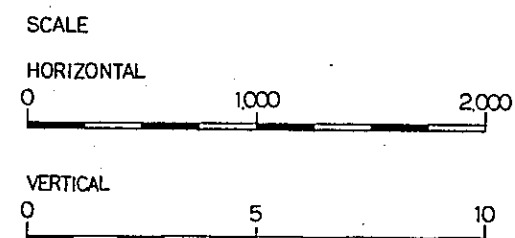
SCAL
HORI.
0
VERT.
0

面図



Q = 22.88 m³/s
V = 0.90 m/s

+800		+600		+400		+200		+800	
NO 3		NO 4		NO 4		NO 3		NO 3	
81.8	81.2	81.3	80.0	79.6	79.9	76.97	76.71	78.56	77.58
77.02	77.17	77.33	77.48	77.56	77.25	78.77	78.02	78.77	78.77
2.67	2.12	2.34	2.17	2.12	2.34	4.13	4.18	4.93	4.93
-1/2600		-1/2600		-1/2600		-1/2600		-1/2600	



国際協力事業団

受入
月日 84.5.30

登録No. 10354

105

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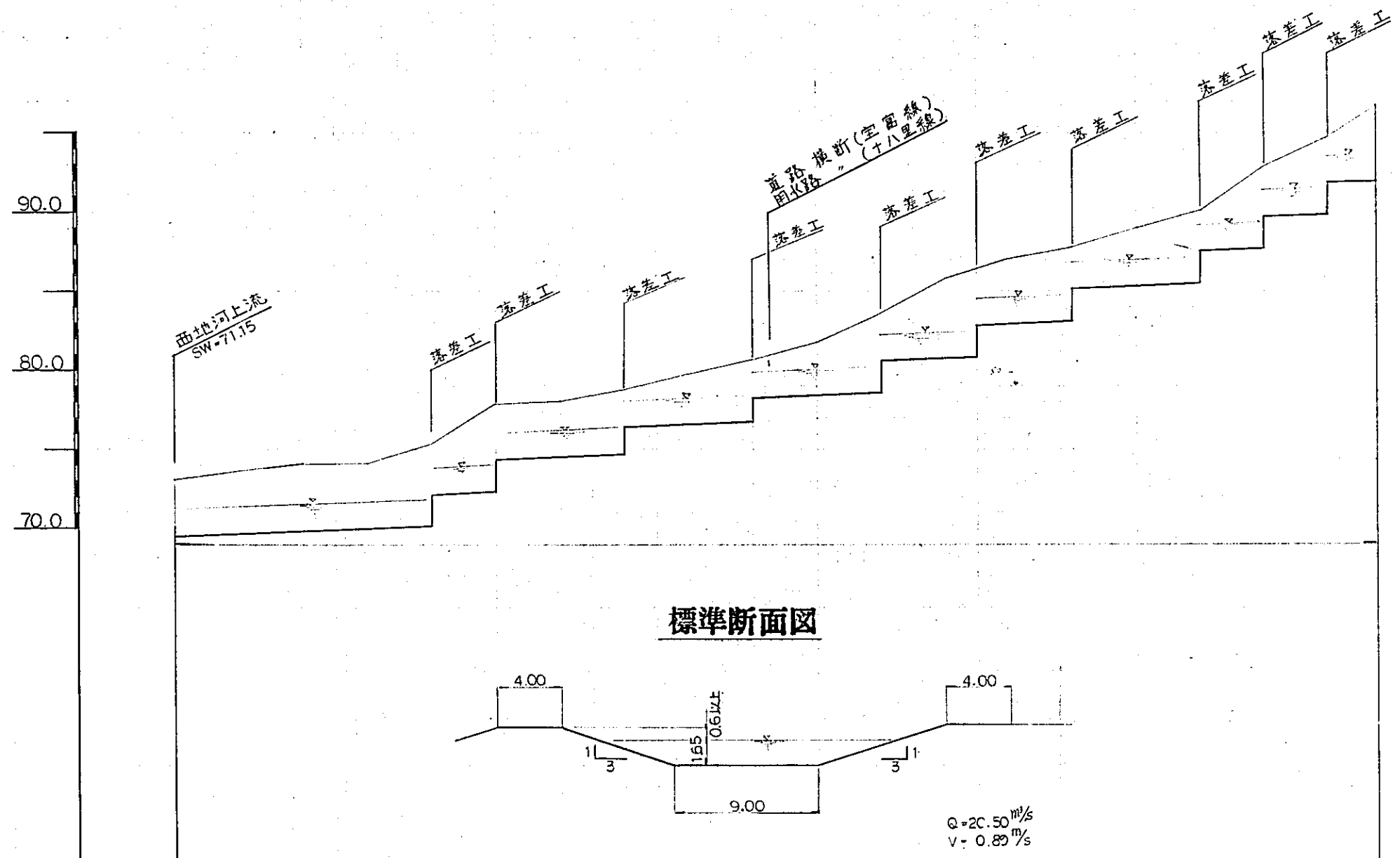
AFT

中国三江平原
屯头镇典型区農業開発計画

国際協力事業団

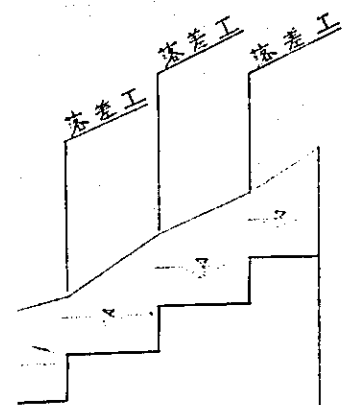
北関排水
北関第1分干

排 - 17



河	水	堤	切	堤	配
70	71.15	3.40	69.50	1=1/2500	
71	71.31	3.39	70.14 72.14		
72	71.47	4.28	72.30 74.30	1=1/2500	
73	71.63	4.12	74.62 76.40		
74	71.79	5.26 3.26	76.72 78.40	1=1/2500	
75	71.95	5.60 3.60	80.72 80.70	1=1/2500	
76	72.11	3.59	80.94 82.90		
77	72.27	4.14 2.40	83.14 85.10	1=1/2500	
78	72.43	3.24	85.42 87.40		
79	72.59	3.98 2.30	87.40	1=1/2500	
80	72.75	3.24	92.82		
81	72.91	4.88 2.90			
82	73.07	4.94			
83	73.23	4.76 2.80			
84	73.39	4.12			
85	73.55	4.66 2.70			
86	73.71	3.74			
87	73.87	4.68 2.70			
88	74.03	5.34 3.35			
89	74.19	5.09 3.10			
90	74.35	3.88			

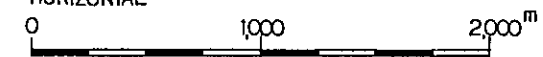
SCA
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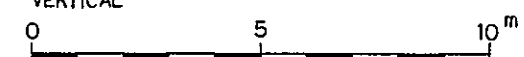
85.42 87.40	1-1/2500	92.82
4.68 2.70		3.68
5.34 3.35		
5.09 3.10		
42 87.07 89.05		92 91.36 93.35 94.47
1.56 3.55		
2.71 1.70		
.52		

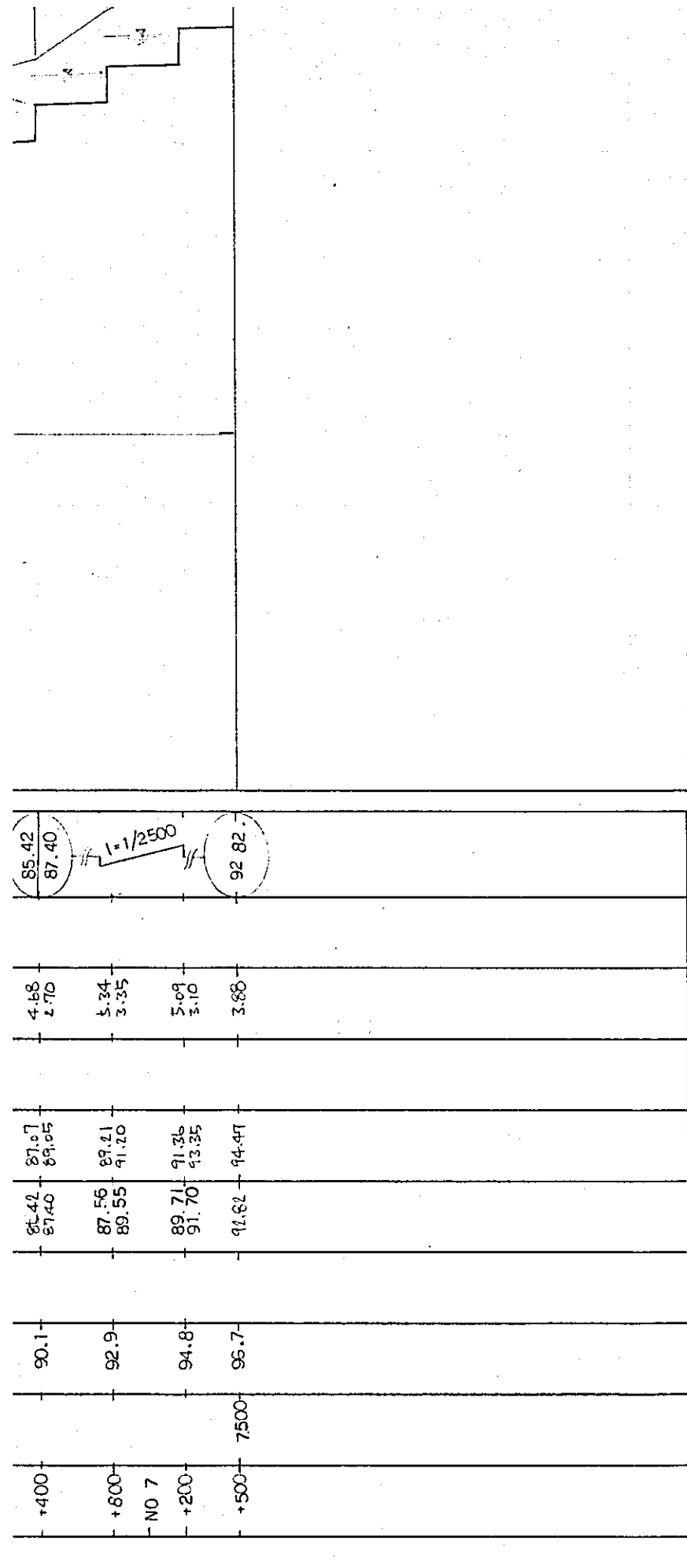
SCALE

HORIZONTAL



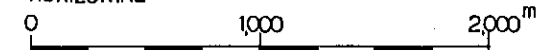
VERTICAL



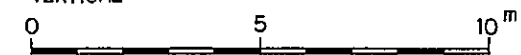


SCALE

HORIZONTAL

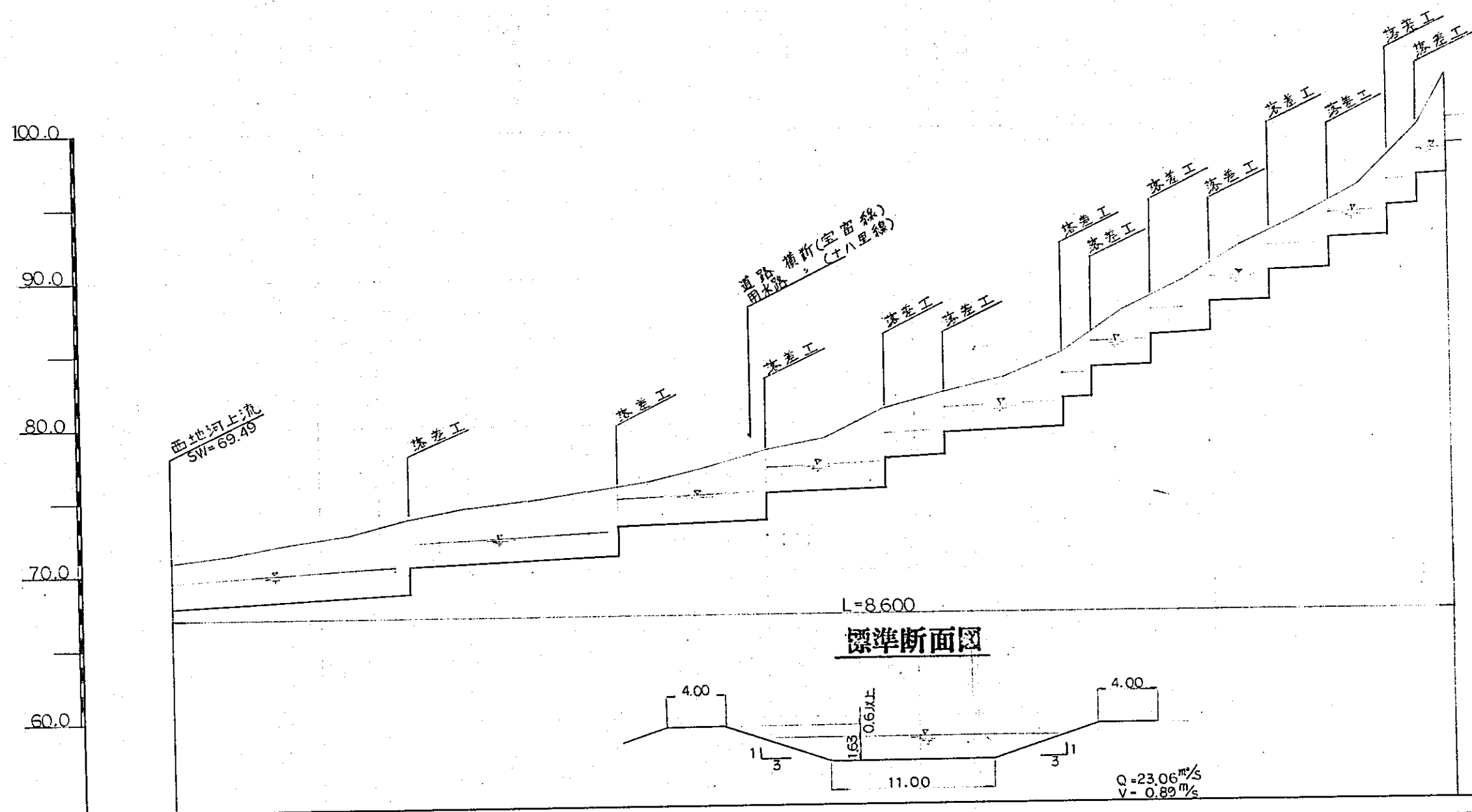


VERTICAL



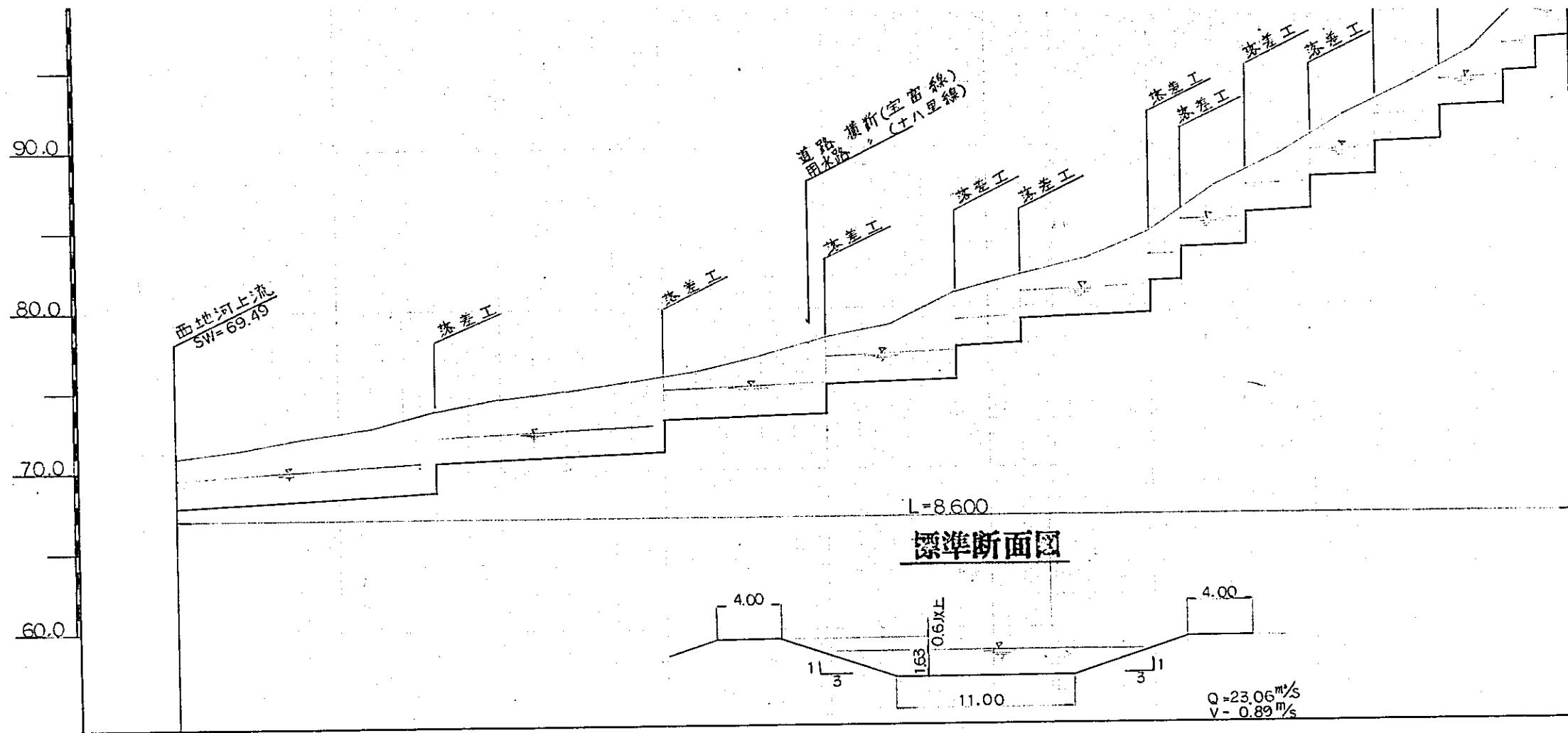
国際協力事業団	
受入 月日 '84. 5. 30	105
登録No. 10354	80.7
	AFT

中国三江平原 屯頭橋典型区農業開発計画	
国際協力事業団	
十 甲 河	
排 - 16	



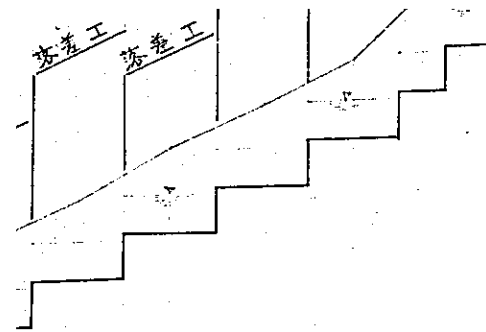
計	配			水面高	切土高	盛土高	配
	底高	堤高	堤頂高				
88	69.49	3.09	67.86	1=1/2600			
01	69.69	3.39	68.48				
17	69.80	3.93	70.48	1=1/2600			
32	69.95	4.38	71.02				
38	70.11	5.32	73.02	1=1/2600			
43	72.26	3.87	73.40				
279	72.42	5.11	75.20	1=1/2600			
0.94	72.57	4.58	75.51				
1.02	72.65	4.28	77.50				
23.02	74.65	3.00					
3.10	74.73	3.82					
3.25	74.88	3.65					
3.40	75.03	5.49					
5.20	76.53	3.50					
5.35	76.98	4.35					
15.51	77.14	2.80					
17.50	79.13	3.55					
77.65	79.28						
79.20	80.83						
79.35	80.98						
79.51	81.14						
81.50	82.13						
81.58	82.21						
83.55	83.18						
83.62	85.26						
83.70	85.33						
85.77	87.40						
85.85	87.48						
87.85	89.58						
87.95	89.58						
88.00	89.62						
90.00	91.65						
90.09	91.72						
90.15	91.78						
92.15	93.85						
92.22	93.85						
92.30	95.93						
94.30	95.95						
94.45	96.02						
96.45	96.03						
96.55	96.15						

SCALE
HORIZONTAL
0
VERTICAL
0

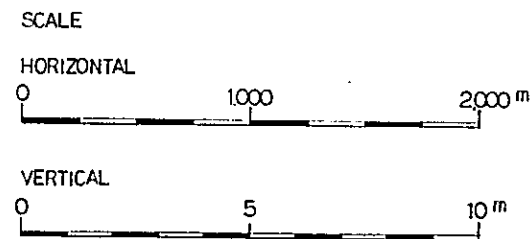
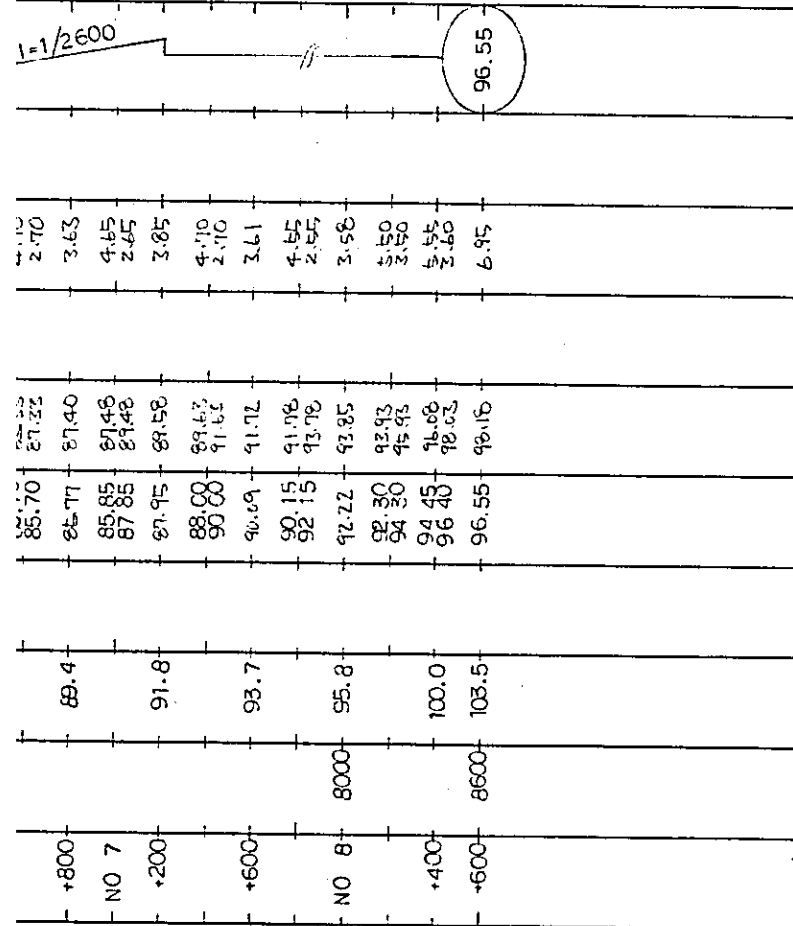


測点	現況		設計				備考	
	断面距離	河床高	水深	水面高	堤高	切土高	盛土高	備記
NO 0	0	70.9	67.86	67.99		3.09	67.86	1=1/2600
+400		71.4	68.01	68.64		3.37	68.01	
+800		72.1	68.17	68.80		3.93	68.17	
NO 1		72.7	68.32	68.95		4.38	68.32	
+200		73.8	68.48	69.11		5.32	68.48	
+600		74.5	68.63	69.26		3.87	68.63	1=1/2600
NO 2	2000	74.9	68.79	69.42		4.11	68.79	
+400		75.5	68.94	69.57		4.54	68.94	
+800		75.8	69.02	69.65		4.78	69.02	
NO 3		76.1	69.10	69.73		3.00	69.10	1=1/2600
+200		77.1	69.25	69.88		3.82	69.25	
+600		78.2	69.40	69.93		4.80	69.40	
NO 4	4000	79.0	69.55	70.08		3.55	69.55	1=1/2600
+400		81.0	69.70	70.13		5.49	69.70	
+800		82.0	69.85	70.28		4.35	69.85	
NO 5		83.0	69.95	70.38		3.55	69.95	1=1/2600
+200		84.7	70.10	70.53		4.19	70.10	
+600		87.5	70.25	70.68		3.20	70.25	
NO 6	6000	88.4	70.40	70.83		4.42	70.40	
+400		89.4	70.55	70.98		2.45	70.55	
+800		91.8	70.70	71.13		3.87	70.70	
NO 7		93.7	70.85	71.28		4.70	70.85	
+200		95.8	71.00	71.43		3.63	71.00	
+600		96.5	71.15	71.58		4.65	71.15	
NO 8	8000	100.0	71.30	71.73		2.45	71.30	
+400		103.5	71.45	71.88		3.85	71.45	
+600			71.60	72.03		4.10	71.60	

SCALE
HORIZONTAL
0
VERTICAL
0



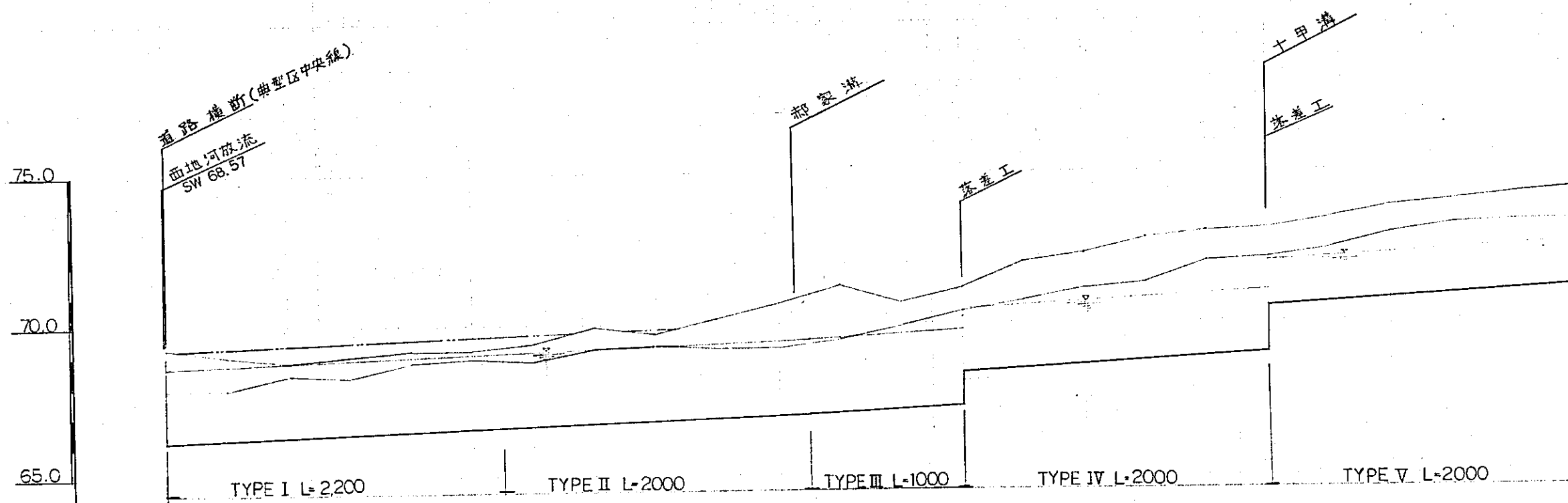
1.06 m/s
1.89 m/s



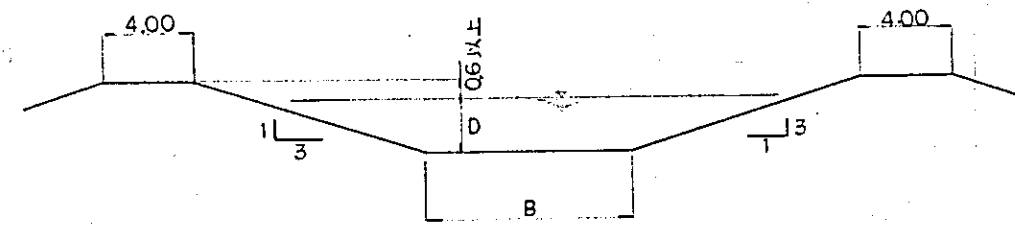
国際協力事業団
受入
月日 '84. 5. 30
登録No. 10354

105
80.7
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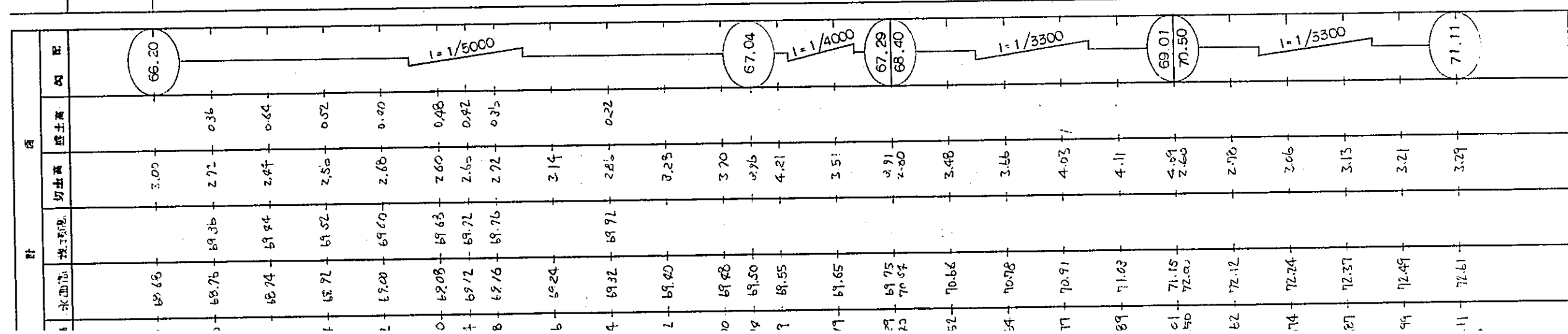
中国三江平原
竜頭湖地区農業開発計画
国際協力事業団
柳家河
排 - 15



標準断面図



TYPE	I	II	III	IV	V
Q m/s	68.76	56.73	32.69	27.33	4.62
B m	24.00	19.00	8.00	8.00	3.00
D m	2.47	2.48	2.46	2.14	1.21
V m/s	0.89	0.87	0.87	0.89	0.58

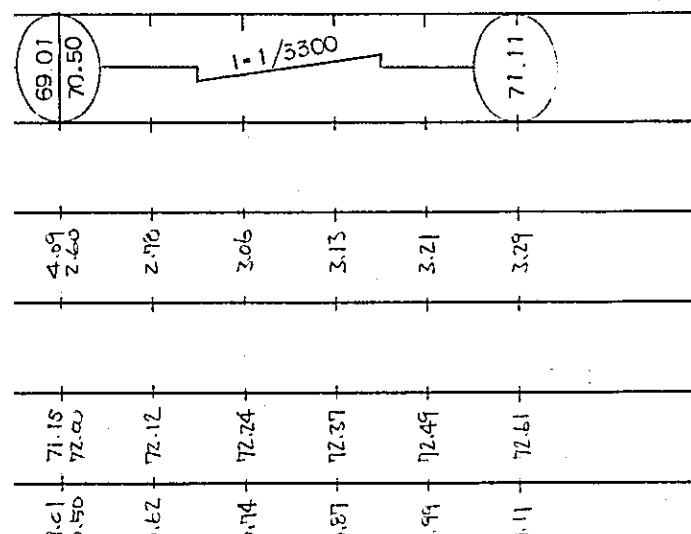


SCALE
HORIZON
VERTIC

十甲溝
溝渠工

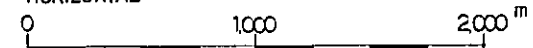
TYPE V L=2000

II	III	IV	V
56.73	32.69	27.33	4.62
19.00	8.00	8.00	3.00
2.48	2.46	2.14	1.21
0.87	0.87	0.89	0.58



SCALE

HORIZONTAL



VERTICAL



70.0

65.0

TYPE I L=2200

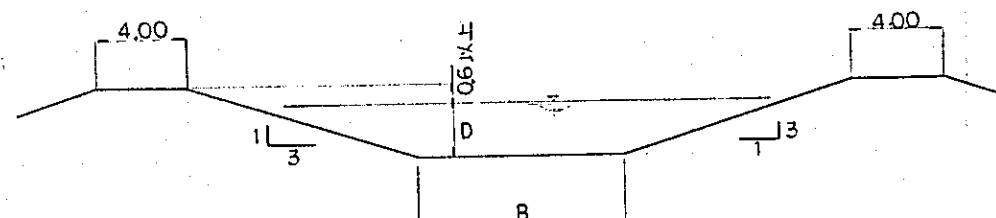
TYPE II L=2000

TYPE III L=1000

TYPE IV L=2000

TYPE V L=2000

標準断面図

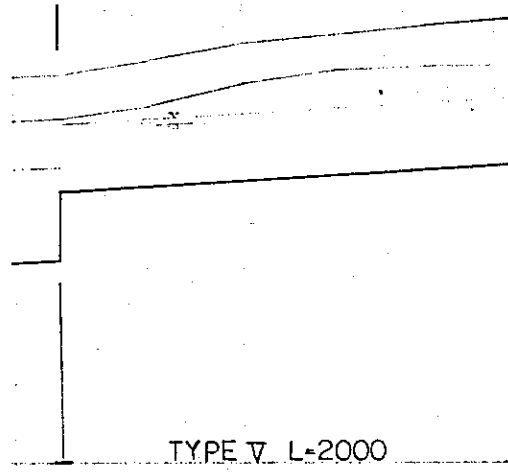


TYPE	I	II	III	IV	V
Q m ³ /s	68.76	56.73	32.69	27.33	4.62
B m	24.00	19.00	8.00	8.00	3.00
D m	2.47	2.48	2.46	2.14	1.21
V m ³ /s	0.89	0.87	0.87	0.89	0.58

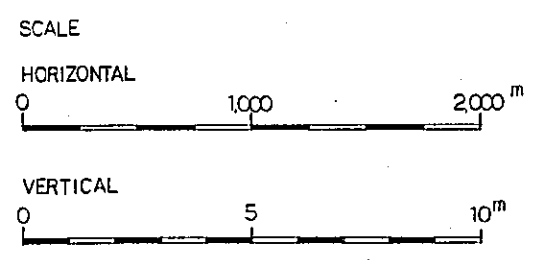
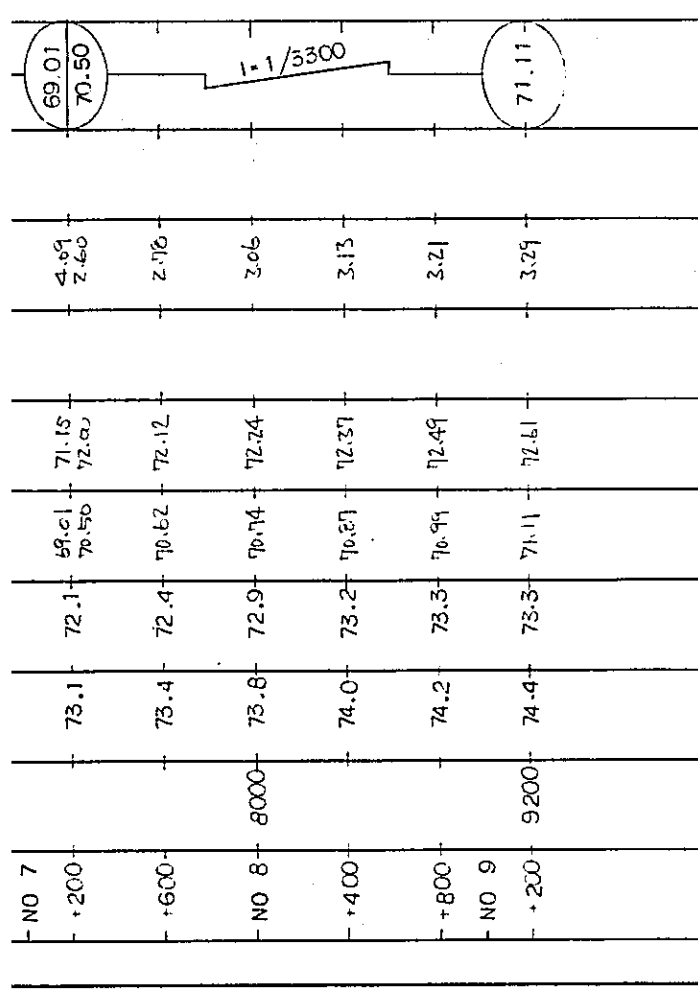
現況		設計				断面
地点	断面距離	地盤高	河床高	水際高	水面高	
NO 0	0	69.2	67.9	66.2	68.6	66.20
+400		69.0	67.9	66.2	68.7	0.36
+800		68.8	68.4	66.3	68.7	0.44
NO 1		69.0	68.3	66.4	68.7	0.52
+200		69.2	68.8	66.5	68.8	0.40
+600		69.2	68.9	66.6	68.9	0.48
NO 2	2000	69.3	68.4	66.6	69.1	0.42
+400		69.4	68.7	66.8	69.2	0.35
+800		69.9	69.2	66.9	69.4	3.14
NO 3		69.7	69.3	66.4	69.3	0.22
+200		70.2	69.2	66.9	69.4	3.25
+600		70.7	69.2	67.0	69.4	3.70
NO 4	4000	71.3	69.5	67.0	69.5	3.96
+400		70.7	69.9	67.1	69.6	4.21
+800		71.2	70.4	67.2	69.7	3.51
NO 5		72.0	70.7	68.5	70.6	3.91
+200		72.3	71.1	68.6	70.7	2.80
+600		72.8	71.3	68.7	70.9	3.48
NO 6	6000	73.0	72.0	68.8	71.0	3.66
+400		73.1	72.1	68.9	71.1	4.03
+800		73.4	72.4	69.0	71.2	4.11
NO 7		73.8	72.9	69.1	71.3	4.89
+200		74.0	73.2	69.2	71.4	2.60
+600		74.2	73.3	69.3	71.5	2.76
NO 8	8000	74.4	73.5	69.4	71.6	3.06
+400		74.6	73.7	69.5	71.7	3.13
+800		74.8	73.9	69.6	71.8	3.21
NO 9		74.9	74.0	69.7	71.9	3.29
+200		75.0	74.1	69.8	72.0	

SCALE
HORIZONTAL
0
VERTICAL
0

国際
記入
月日 '84
登録No.

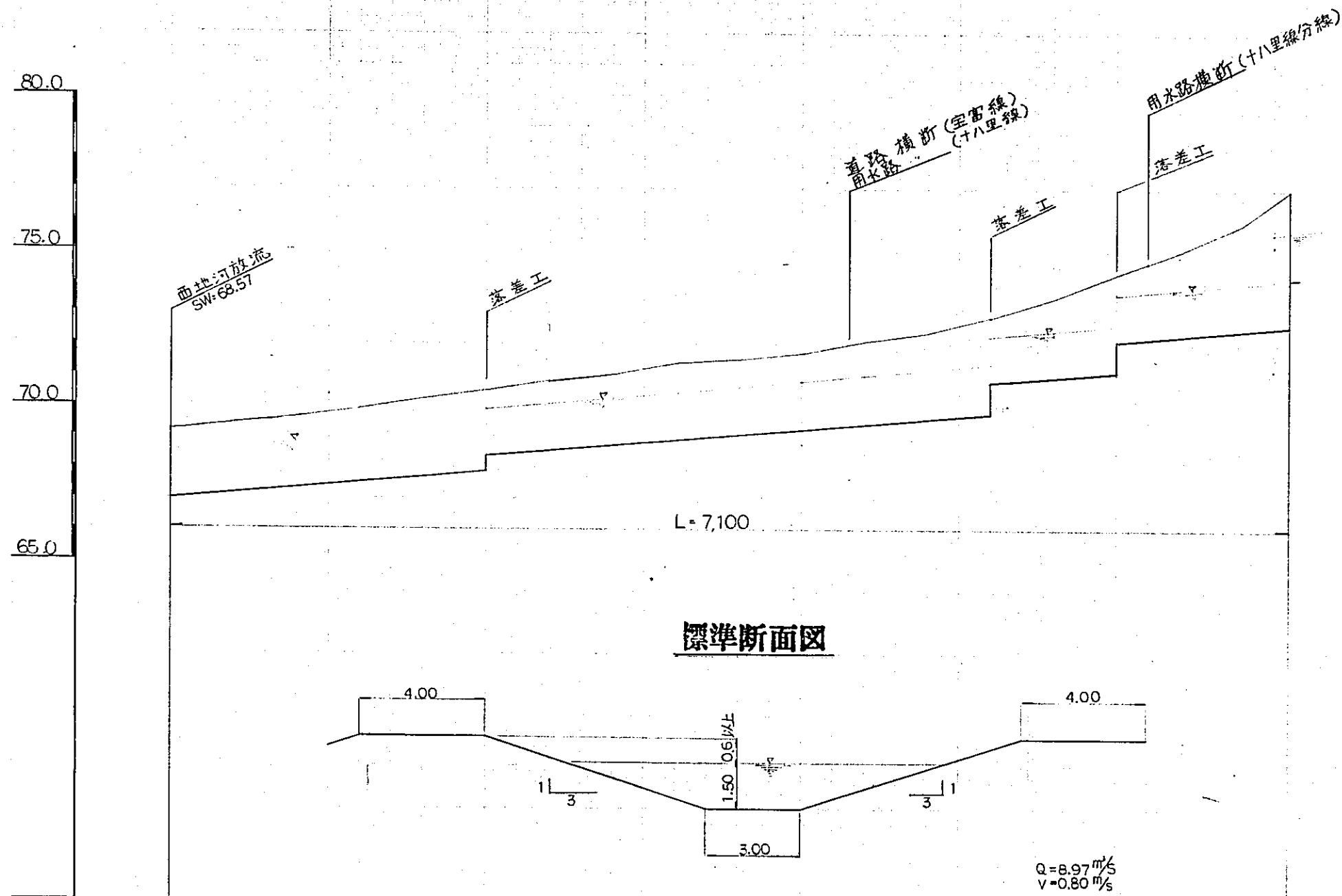


II	III	IV	V
56.73	32.69	27.33	4.62
19.00	8.00	8.00	3.00
2.48	2.46	2.14	1.21
0.87	0.87	0.89	0.58



中国三江平原 屯垦区典型区农业开发设计	
国际协力事业团	
白地河上流	
排 - 14	

国际协力事业团	输入 年月日 '84.5.30	105
登録No. 10354	80.7	AFT

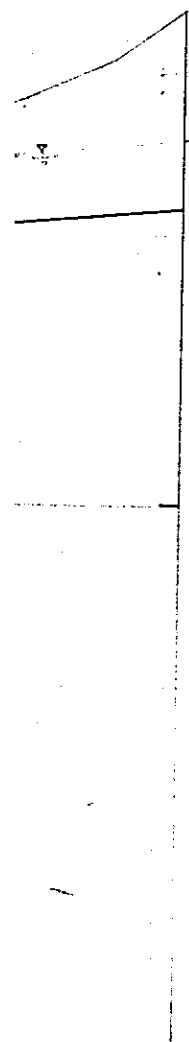


計	断面				里程															
	水面高	堤頂高	切土高	盛土高	67.10	1+1/2200	68.01	68.40	1+1/2200	69.85	70.80	1+1/2200	71.16	72.10	1+1/2200	72.60				
0	68.60		1.10																	
3	68.78		1.12																	
6	68.86		1.14																	
9	69.15		1.25																	
12	69.33		1.37																	
15	69.51		1.49																	
18	69.90		2.10																	
21	70.08		2.22																	
24	70.26		2.24																	
27	70.44		2.46																	
30	70.63		2.37																	
33	70.81		2.39																	
36	70.99		2.61																	
39	71.17		2.73																	
42	71.35		3.05																	
45	71.53		3.10																	
48	71.71		3.42																	
51	71.89		3.44																	
54	72.07		3.20																	
57	72.25		3.72																	
60	72.43		3.54																	
63	72.61		4.40																	

SCAL
HOR
0
VER1
0

路邊距(十八里線分線)

差工



1/2200

72.60

72.4

74.0

73.96

74.10

72.46

74.60

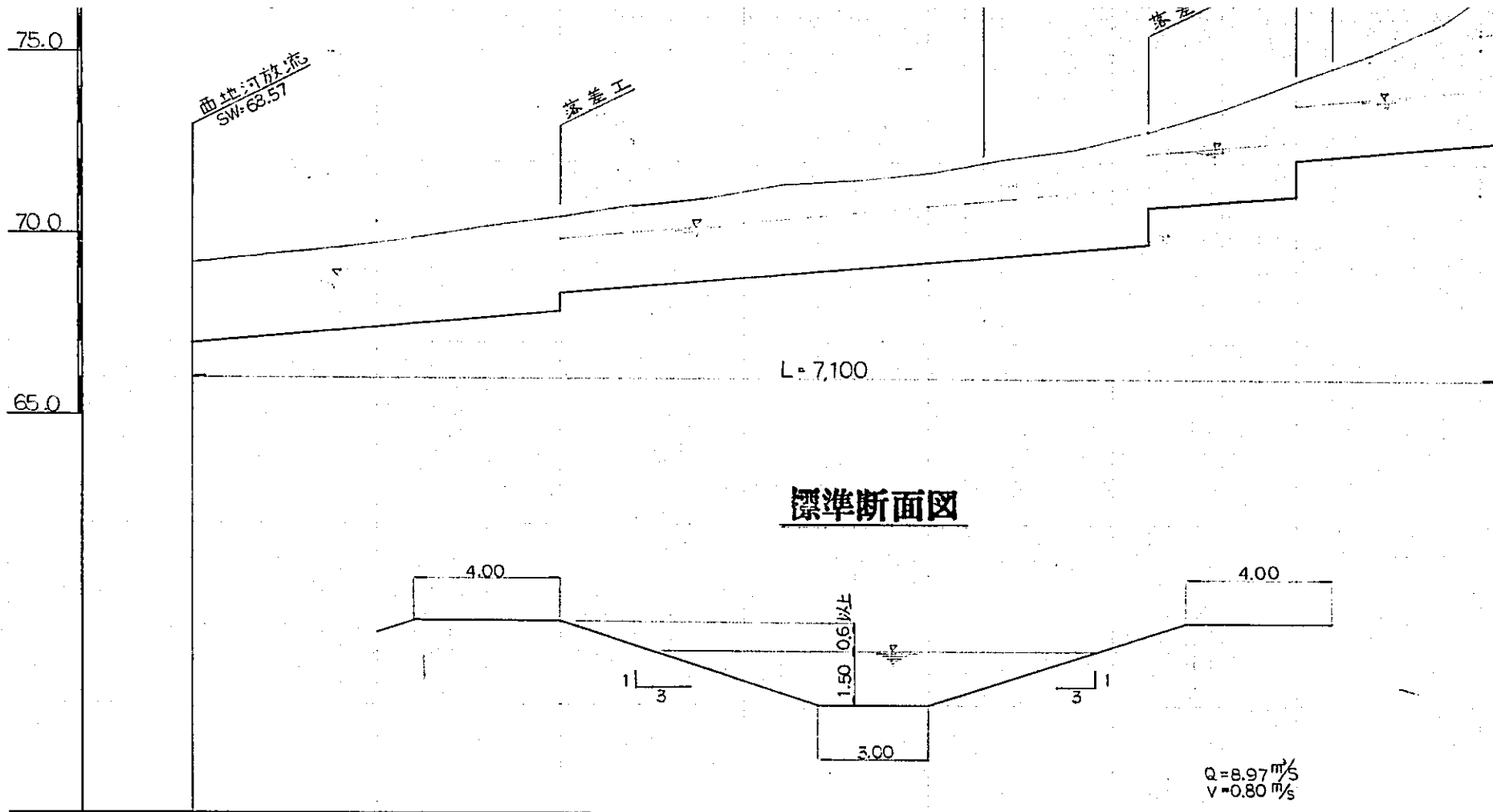
SCALE

HORIZONTAL



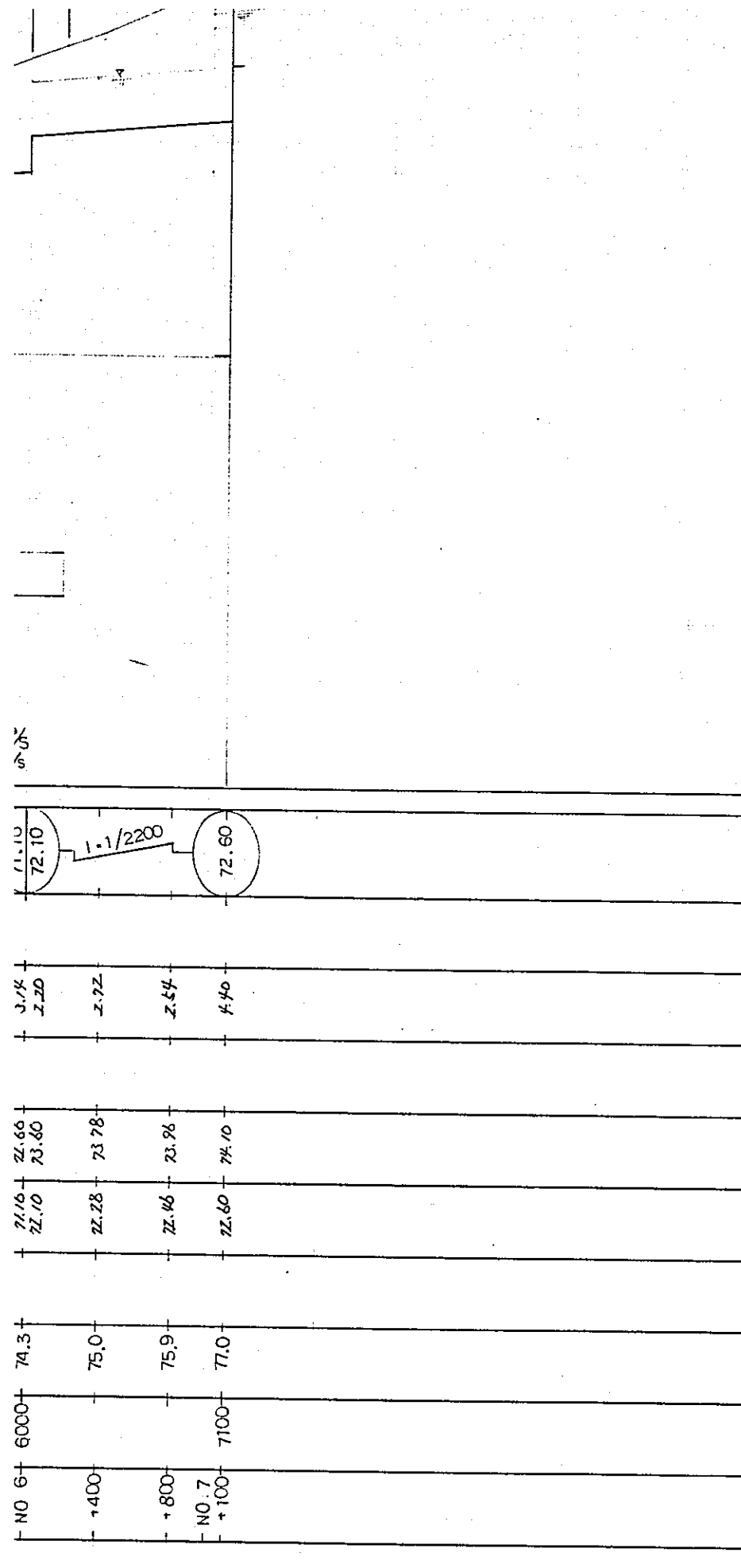
VERTICAL





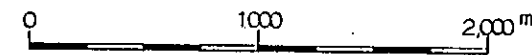
測点	現況			設計				配	内
	断面距離	地盤高	河床高	水面高	堤頂高	切土高	盛土高		
NO 0	0	69.2		67.10	68.60	2.10	67.10		67.10
+400		69.4		67.28	68.78	2.12			
+800		69.6		67.46	68.86	2.14			
NO 1		69.9		67.65	69.15	2.25			
+200		70.2		67.83	69.33	2.37			
+600		70.5		68.01	69.51	2.49	68.01		68.40
NO 2	2000	70.8		68.20	69.90	2.10			
+400		70.8		68.58	70.08	2.22			
+800		71.0		68.76	70.26	2.24			
NO 3		71.4		68.94	70.44	2.46			
+200		71.5		69.13	70.63	2.37			
+600		71.7		69.31	70.81	2.39			
NO 4	4000	72.1		69.49	70.99	2.61			
+400		72.4		69.67	71.17	2.73			
+800		72.9		69.85	71.35	3.05	69.85		70.80
NO 5		73.5		70.80	72.80	2.10			
+200		73.5		70.98	72.48	2.52			
+600		74.3		71.16	72.66	3.14	71.16		72.10
NO 6	6000	75.0		72.10	73.60	2.20			
+400		75.0		72.28	73.78	2.72			
+800		75.9		72.46	73.96	2.64			
NO 7		77.0		72.60	74.10	2.40	72.60		72.60
+100	7100								

SCALE
HORIZONTAL
0
VERTICAL
0

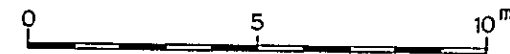


SCALE

HORIZONTAL



VERTICAL



国際協力事業団

受入
月日 '84. 5. 30

登録No. 10354

105
80.7
AFT

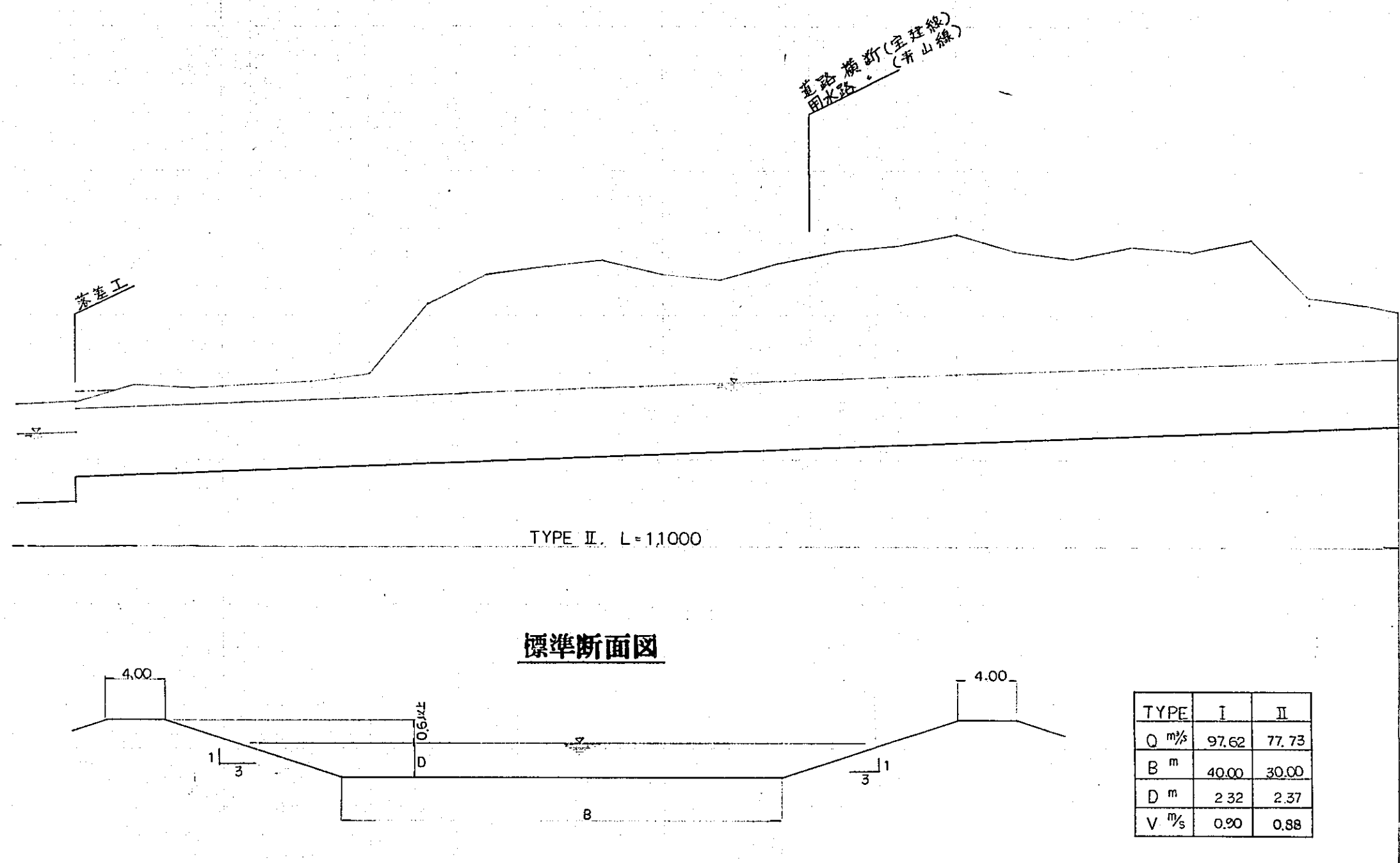
中国三江平原
竜頭橋地区農業開発計画

国際協力事業団

慶 蘭 河

排 - 13

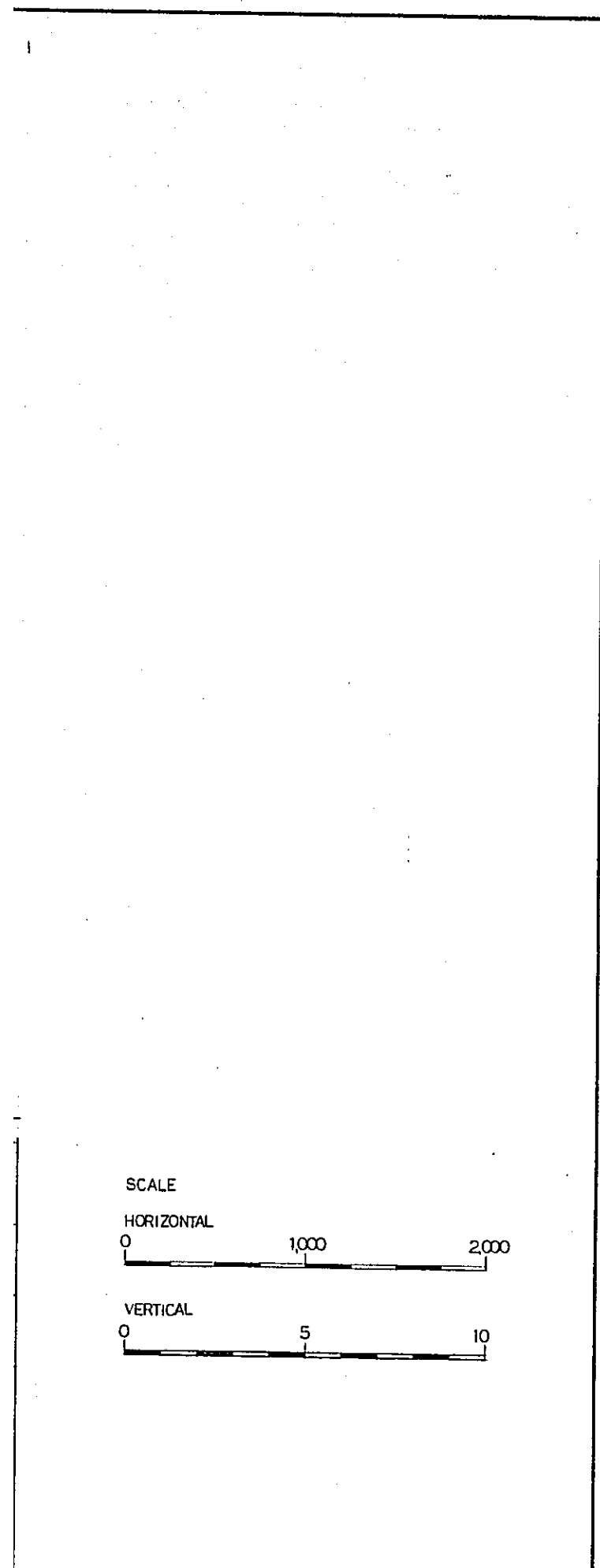
75.0
70.0
65.0
60.0



TYPE	I	II
Q m³/s	97.62	77.73
B m	40.00	30.00
D m	2.32	2.37
V m/s	0.90	0.88

断面	水面高	堤頂高	加土高	壅土高	勾配
63.47	65.84		3.43		63.55 64.40
63.55	65.92	67.37	3.50	0.32	
64.40	66.77		2.65		
64.48	66.85		3.12		
64.66	66.93	67.53	2.94	0.03	
64.64	67.01	67.61	2.96	0.01	
64.72	67.09		2.98		
64.80	67.17		3.20		
64.88	67.25		5.66		
64.96	67.33		6.49		
65.04	67.41		6.66		
65.12	67.49		6.78		
65.20	67.57		6.40		
65.28	67.65		6.02		
65.36	67.73		6.44		
65.44	67.81		6.86		
65.52	67.89		6.88		
65.60	67.97		7.20		
65.68	68.05		6.52		
65.76	68.13		5.67		
65.84	68.21		6.56		
65.92	68.29		6.28		
66.00	68.37		6.65		
66.08	68.45		3.57		
66.16	68.53		3.24		
66.20	68.57		3.00		66.20

SCALE
HORIZ
0
VERTIC
0

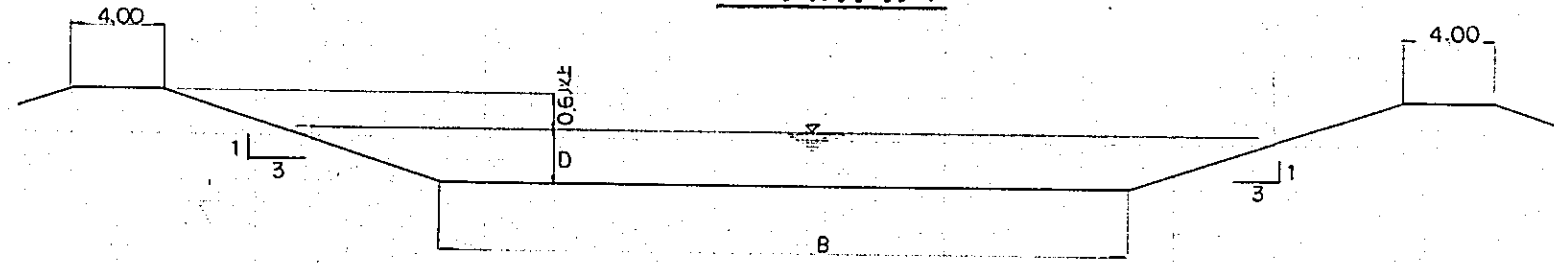


70.0
65.0
60.0

落基工

TYPE II. L=1,1000

標準断面図



TYPE	I	II
Q m/s	97.62	77.73
B m	40.00	30.00
D m	2.32	2.37
V m/s	0.90	0.88

現況	設計				勾配
	距離	地盤高	河床高	水面高	堤頂高
1600		66.90	63.47	65.84	3.43
NO 10	10000	67.05	63.55	65.92	3.50
1400		67.60	64.40	66.77	2.35
800		67.65	64.48	66.85	3.12
NO 11		67.60	64.56	66.93	2.34
1200		67.70	64.64	67.01	2.36
1600		67.70	64.72	67.09	2.38
NO 12	12000	68.00	64.80	67.17	3.20
1400		70.44	64.88	67.25	5.56
1800		71.45	64.96	67.33	6.49
NO 13		71.70	65.04	67.41	6.66
1200		71.90	65.12	67.49	6.78
1600		71.60	65.20	67.57	6.40
NO 14	14000	71.30	65.28	67.65	6.42
1400		71.80	65.36	67.73	6.44
NO 15		72.30	65.44	67.81	6.86
1200		72.40	65.52	67.89	6.88
1600		72.80	65.60	67.97	7.20
NO 16	16000	72.20	65.68	68.05	6.52
1400		71.45	65.76	68.13	5.69
NO 17		72.40	65.84	68.21	6.56
1200		72.20	65.92	68.29	6.28
1600		72.65	66.00	68.37	6.65
NO 18	18000	69.65	66.08	68.45	3.57
1400		67.40	66.16	68.53	3.24
NO 19	19000	69.20	66.20	68.57	3.00

1=1/5000

66.20

SCALE
HORIZONTAL
0
VERTICAL
0

70.0
65.0
60.0

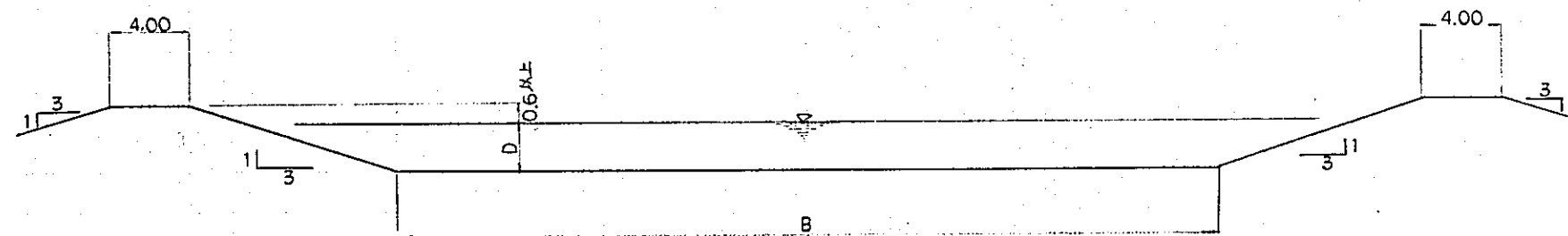
大撈力河
SW-6341 (P-20%)

西北河放流分干
落差工

TYPE I L=8000

TYPE II L=11000

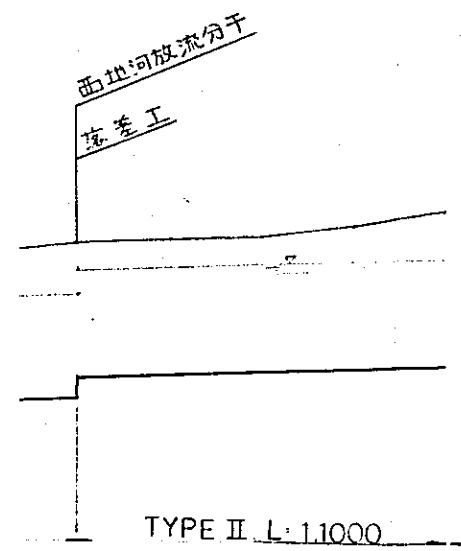
標準断面図



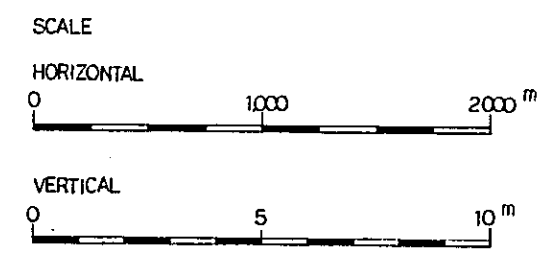
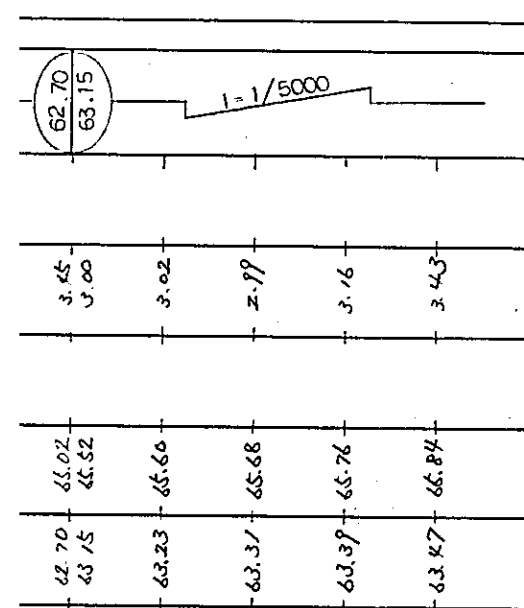
TYPE	I	II
Q m ³ /s	97.62	71.73
B m	40.00	30.00
D m	2.32	2.37
V m/s	0.90	0.88

計		断面		距離
水面高	堤頂高	加工高	壁工高	勾配
61.10	63.42	64.45	1.39	1.76
61.18	63.50	64.45	1.29	1.98
61.26	63.58	64.45	1.26	1.93
61.34	63.66	64.45	1.47	1.64
61.42	63.74	64.45	2.29	0.74
61.50	63.82	64.45	2.29	0.66
61.58	63.90	64.50	1.74	1.18
61.66	63.98	64.58	1.83	1.09
61.74	64.06	64.66	2.14	0.78
61.82	64.14	64.74	2.59	0.33
61.90	64.22	64.82	1.83	1.09
61.98	64.30	64.90	2.53	0.39
62.06	64.38	64.98	2.80	0.12
62.14	64.46	65.06	2.61	0.31
62.22	64.54	65.14	2.60	0.32
62.30	64.62	65.22	2.88	0.04
62.38	64.70		3.83	
62.46	64.78		3.22	
62.54	64.86		3.17	
62.62	64.94		3.28	
62.70	65.02		3.45	
62.78	65.10		3.00	
62.86	65.18		3.02	
62.94	65.26		2.99	
63.02	65.34		3.16	
63.10	65.42		3.43	

SCALE
HORIZON
0
VERTICA
0



TYPE	I	II
Q m ³ /s	97.62	77.73
B m	40.00	30.00
D m	2.32	2.37
V m ³ /s	0.90	0.88



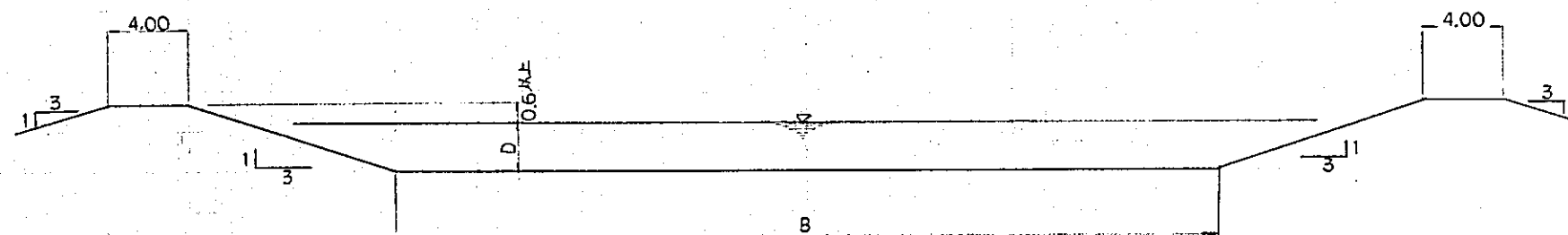
65.0

60.0

TYPE I L=8000

TYPE II L=11000

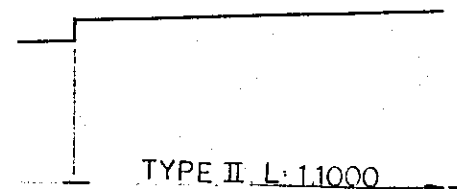
標準断面図



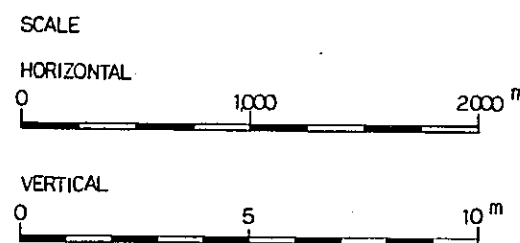
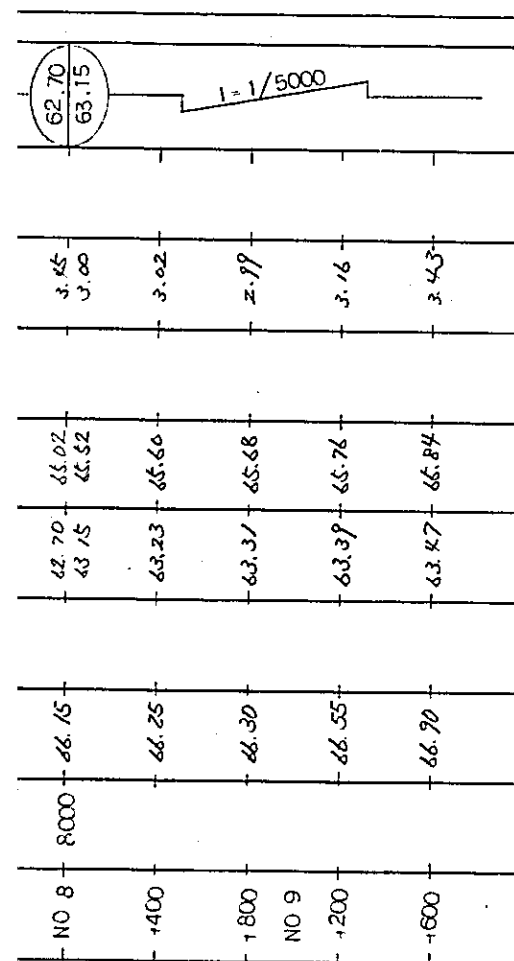
TYPE	I	II
Q m/s	97.62	71.73
B m	40.00	30.00
D m	2.32	2.37
V m/s	0.90	0.88

現況		計画				勾配
測点	単距離	加蓋高	河床高	水面高	堤頂高	切土高
NO 0	0	62.49	61.10	63.42	64.45	1.39
+400		62.47	61.18	63.50	64.45	1.29
+800		62.52	61.26	63.58	64.45	1.26
NO 1		62.81	61.34	63.66	64.45	1.47
+200		63.71	61.42	63.74	64.45	2.29
+600		63.79	61.50	63.82	64.45	2.29
NO 2	2000	63.32	61.58	63.90	64.50	1.74
+400		63.49	61.66	63.98	64.58	1.83
+800		63.88	61.74	64.06	64.66	2.14
NO 3		64.41	61.82	64.14	64.74	2.59
+200		64.73	61.90	64.22	64.82	1.83
+600		64.51	61.98	64.30	64.90	2.53
NO 4	4000	64.86	62.06	64.38	64.98	2.80
+400		64.75	62.14	64.46	65.06	2.61
+800		64.82	62.22	64.54	65.14	2.60
NO 5		65.18	62.30	64.62	65.22	2.88
+200		66.21	62.38	64.70	65.30	3.83
+600		65.68	62.46	64.78	65.38	3.22
NO 6	6000	65.71	62.54	64.86	65.46	3.17
+400		65.90	62.62	64.94	65.54	3.28
+800		66.15	62.70	65.02	65.62	3.45
NO 7		66.25	62.78	65.10	65.70	3.00
+200		66.30	62.86	65.18	65.78	3.02
+600		66.55	62.94	65.26	65.86	2.99
NO 8	8000	66.90	63.02	65.34	65.94	3.16
+400		66.97	63.10	65.42	66.02	3.43
+800		67.04	63.18	65.50	66.10	3.43
NO 9		67.11	63.26	65.58	66.18	3.43
+200		67.18	63.34	65.66	66.26	3.43
+600		67.25	63.42	65.74	66.34	3.43

SCALE
HORIZONTAL
0
VERTICAL
0

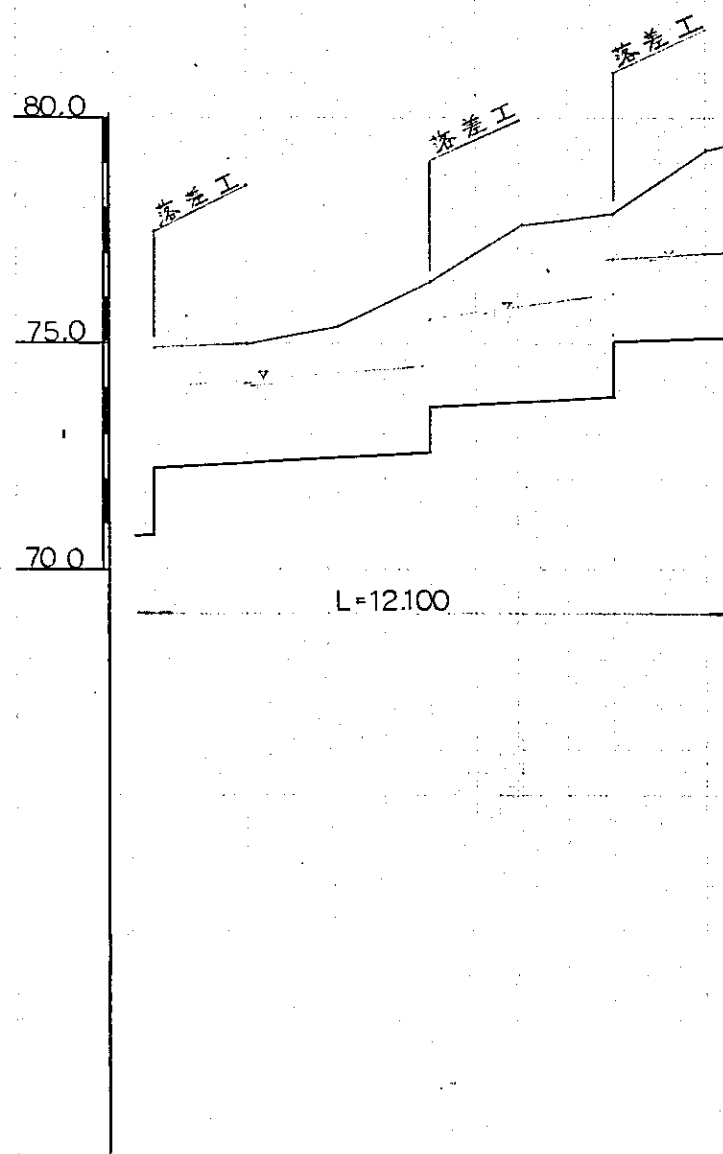


TYPE	I	II
Q m/s	97.62	71.73
B m	40.00	30.00
D m	2.32	2.37
V m/s	0.90	0.88

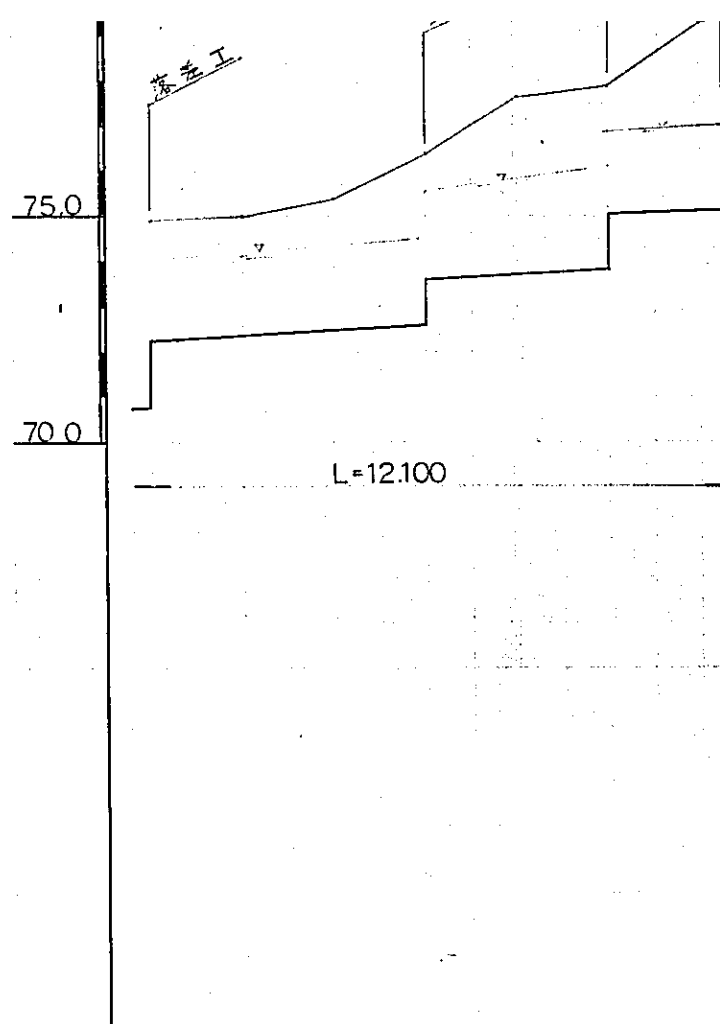


国際協力事業団	
受入月日 '84.5.30	105
登録No. 10354	80.7
	AFT

中国三江平原 屯頭橋典型区農業開発計画	
国際協力事業団	
西地河放流(1/2)	
排 - 11	



計		圖		勾 配	
位置	水面高	堤頂高	切土高	填土高	
70.74 72.20	72.66 74.12		4.46 2.70		70.74 72.20
72.31	74.23		2.69		1:1/3500
72.43	74.35		2.97		
72.54 73.60	74.46 75.52		3.86 2.80		72.54 73.60
73.71	75.63		3.89		1:1/3500
73.83 75.00	75.75 76.92		4.47 2.90		73.83 75.00
75.11 75.14	77.03 77.06		4.19 4.26		75.14



視			測			計			測	
測点	辺部距離	地盤高	河床高	水面高	堤頂高	切土高	盛土高	勾配		
- + 600		749	728	72.74 72.20	72.66 74.12	4.6 2.90		70.74 72.20	1.1/3500	
NO 10	1000	750	730	72.31	74.23	2.69				
- + 400		754	738	72.43	74.35	2.97				
- + 800		764	742	72.54 73.60	74.46 75.52	3.86 2.80		72.54 73.60	1.1/3500	
NO 11		776	747	73.71	75.63	3.89				
- + 200		779	750	73.83 75.00	75.75 76.92	4.07 2.90		73.83 75.00		
- + 600		793	757	75.11	77.03	4.19		75.14		
NO 12	1200	794	758	75.14	77.06	4.26				
- + 100	12100									

國際協力事業団	
受入 月日 '84. 5. 30	105
登録No. 10354	80.7
	AFT

受入 月日 '84. 5. 30	105
登録No. 10354	80.7
	AFT

75.0
70.0
65.0
60.0

西地河下流
SW 64.25

落差工

落差工

道路横断(宝雷線)
用水路(十八里線)

落差工

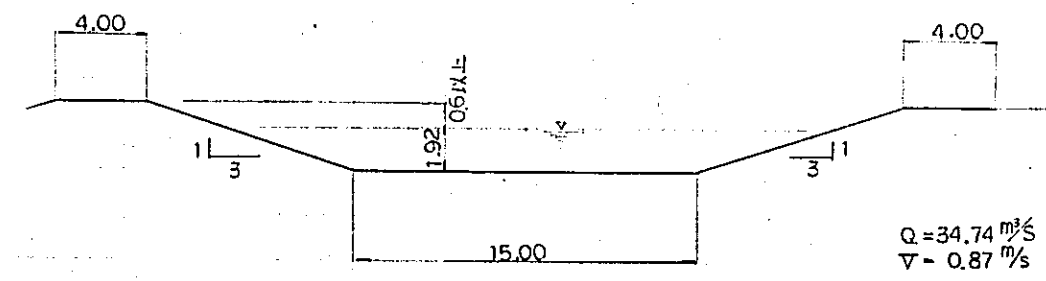
落差工

落差工

落差工

L = 12.100

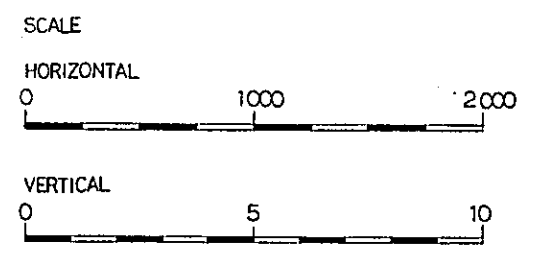
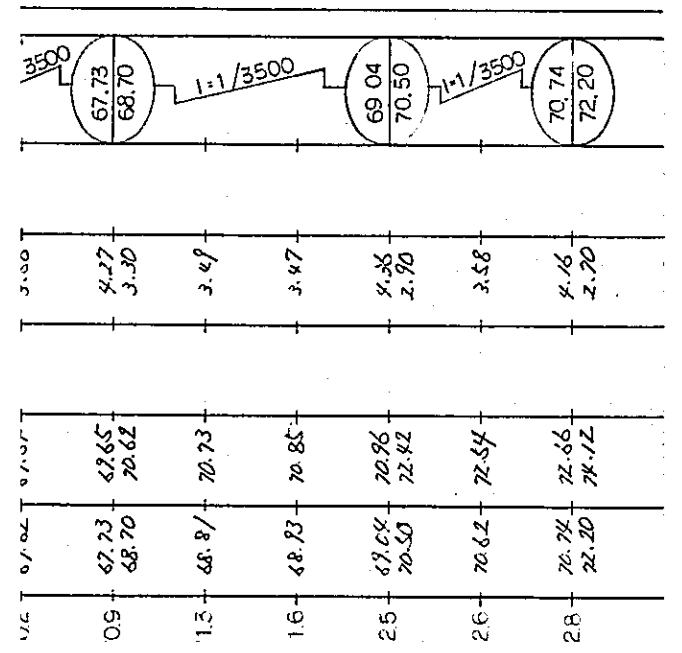
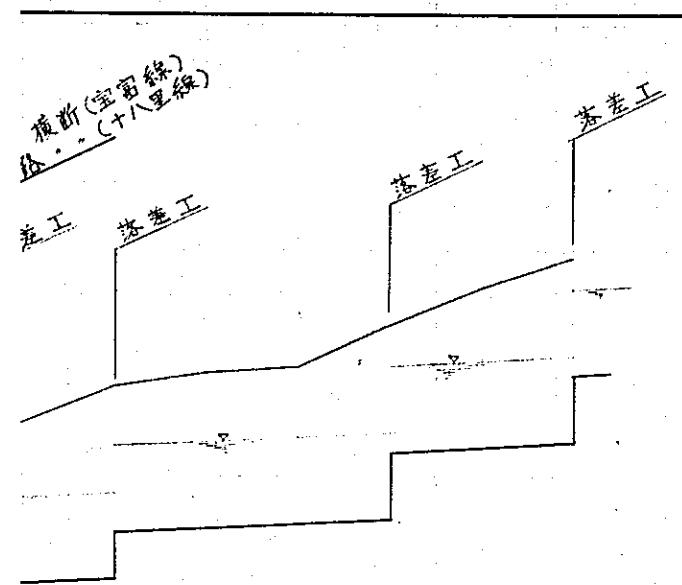
標準断面図

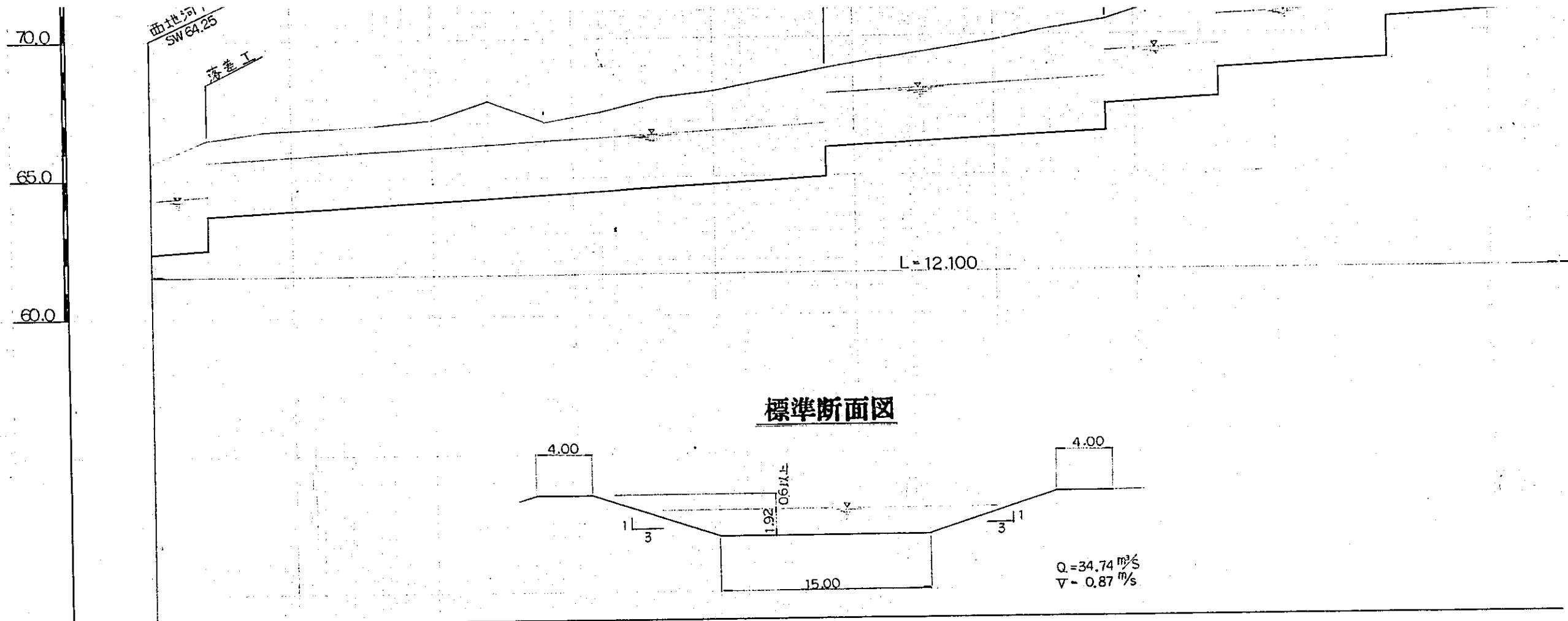


Q = 34.74 m³/s
V = 0.87 m/s

計	水面高	堤頂高	切出高	断面
12.33	64.25		3.27	62.33
12.44	64.36		3.26	62.44
12.71	65.63		2.67	63.71
13.82	65.74		2.88	
13.94	65.86		2.86	
14.05	65.97		2.85	
14.17	66.07		2.93	
14.28	66.20		3.52	
14.40	66.32		2.60	
14.51	66.43		2.87	
14.62	66.54		3.28	
14.74	66.66		3.36	
14.85	66.77		3.65	
14.97	66.87		3.23	64.97
15.00	67.92		2.90	66.00
15.11	68.03		3.09	
15.23	68.15		3.27	
15.34	68.26		3.46	
15.46	68.38		3.74	
15.57	68.49		3.23	66.57
15.60	69.42		3.00	67.50
15.62	69.54		3.68	
15.73	69.65		4.27	67.73
15.70	70.62		3.30	68.70
15.81	70.73		3.49	
15.93	70.85		3.47	
16.04	70.96		4.36	69.04
16.10	72.42		2.90	70.50
16.2	72.54		3.58	
16.34	72.66		4.16	70.74
16.40	74.12		2.70	72.20

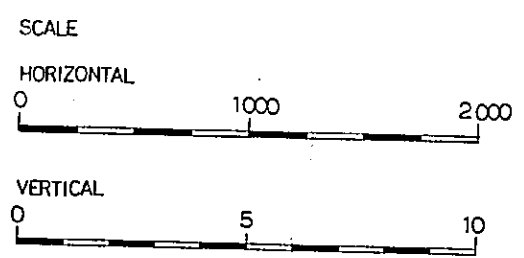
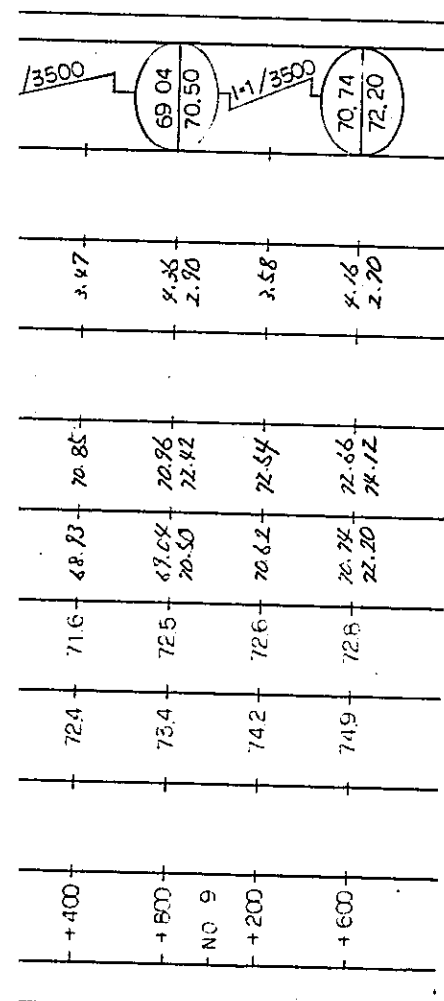
SCALE
HORIZ
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VERTI
0





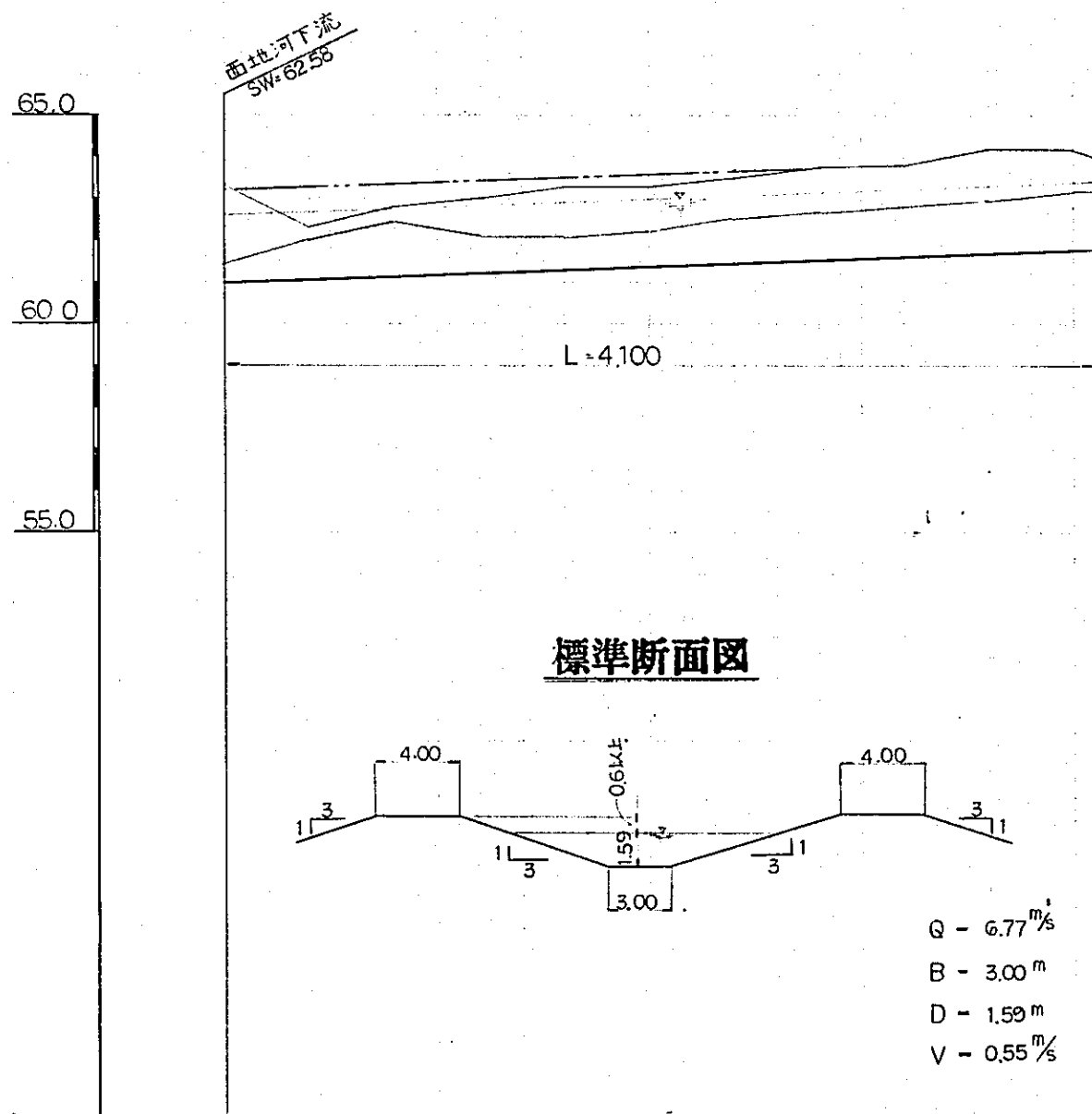
測点	断面		計				断面	
	断面A	河床高	断面高	水面高	堤頂高	切土高	盛土高	距離
NO 0	0	65.6	62.33	64.25		3.27	62.33	0
+400	66.4	66.1	62.44	64.36		3.26	62.44	400
+800	66.7	66.4	63.71	65.63		2.88	63.71	800
NO 1	66.8	66.8	63.82	65.74		2.86		1200
+200	66.9	67.1	63.94	65.86		2.25		1600
+600	67.1	67.0	64.05	65.97		2.93		2000
NO 2	67.8	67.2	64.17	66.09		3.52		2400
+400	67.0	67.3	64.28	66.20		2.60		2800
+800	67.4	67.6	64.40	66.32		2.87		3200
NO 3	67.9	68.1	64.51	66.43		3.28		3600
+200	68.1	68.5	64.62	66.54		3.36		4000
+600	68.5	68.7	64.74	66.66		3.65		4400
NO 4	68.9	68.9	64.85	66.77		3.33		4800
+400	69.2	69.0	64.97	66.89		2.90		5200
+800	69.5	69.8	65.00	67.02		3.09		5600
NO 5	70.2	70.0	65.11	68.03		3.27		6000
+200	70.5	70.2	65.23	68.15		3.46		6400
+600	70.8	70.5	65.34	68.26		3.74		6800
NO 6	71.2	70.9	65.46	68.38		3.93		7200
+400	71.5	71.3	65.57	68.49		3.00		7600
+800	71.8	71.6	65.69	68.62		3.68		8000
NO 7	72.3	72.0	65.81	68.74		4.27		8400
+200	72.6	72.3	65.93	68.87		3.30		8800
+600	72.9	72.6	66.05	69.00		3.49		9200
NO 8	73.4	73.1	66.17	69.12		3.47		9600
+400	73.7	73.4	66.29	69.25		4.36		10000
+800	74.0	73.7	66.41	69.37		2.90		10400
NO 9	74.2	74.0	66.53	69.50		3.58		10800
+200	74.5	74.2	66.65	69.62		4.16		11200
+600	74.8	74.5	66.77	69.75		2.70		11600

SCALE
HORIZONTAL
0
VERTICAL
0



国際協力事業団
受入月日 '84.5.30
登録No. 10354

中国三江平原
竜頭橋典型区農業開発計画
国際協力事業団
597-G 排水 (1/2)
排水 - 9



計	断面				61.00	1=1/5000										61.82	
	水面高	堤頂高	切出高	切土高													
61.00	62.49		1.30		61.00												
61.08	62.67	63.37	1.22	0.97	61.08												
61.16	62.75	63.35	1.44	0.55	61.16												
61.24	62.83	63.43	1.76	0.43	61.24												
61.32	62.91	63.51	1.98	0.21	61.32												
61.40	62.99	63.59	1.70	0.29	61.40												
61.48	63.07	63.67	2.02	0.17	61.48												
61.56	63.15		2.24		61.56												
61.64	63.23	63.83	2.16	0.03	61.64												
61.72	63.31		2.48		61.72												
61.80	63.39		2.40		61.80												
61.82	63.41	64.01	2.18	0.01	61.82												

SCALE

HORIZONTAL

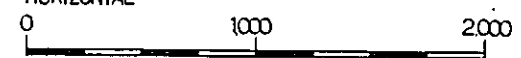
0

VERTICAL

0

SCALE

HORIZONTAL



VERTICAL

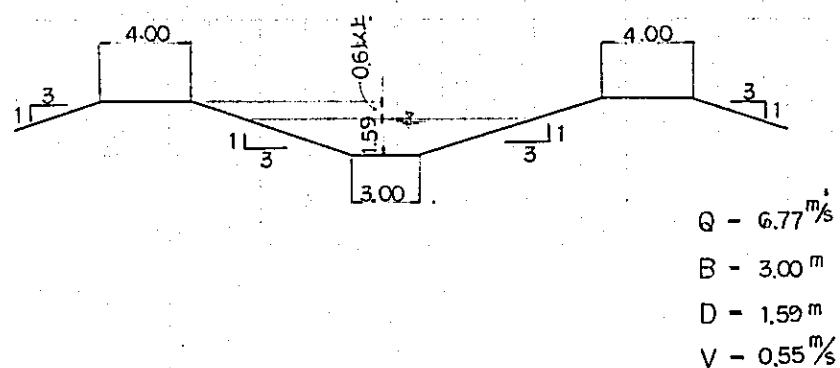


60.0

55.0

L = 4.100

標準断面図



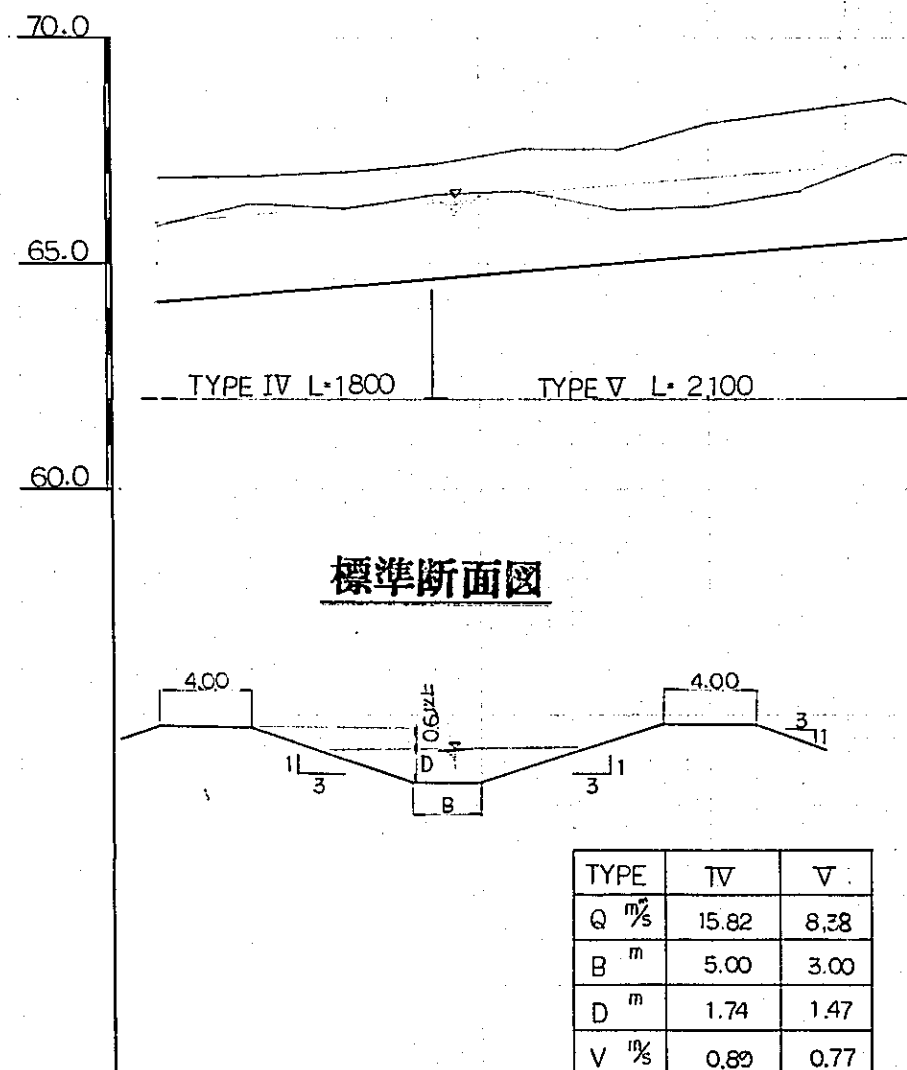
現 況	計 画					勾 配
	測 点	道路距離	地 盤 高	河床 高	水面高	堤 頂 高
NO 0	0	63.3	61.4	61.00	62.49	61.00
	+400	62.3	62.0	61.08	62.67	63.27
	+800	62.8	62.4	61.16	62.75	63.35
	NO 1	63.0	62.1	61.24	62.83	63.43
NO 2	+200	63.2	62.1	61.32	62.91	63.51
	+400	63.3	62.2	61.40	62.99	63.59
	+600	63.5	62.5	61.48	63.07	63.67
	+800	63.8	62.7	61.56	63.15	63.75
NO 3	+200	64.2	62.8	61.64	63.23	63.83
	+400	64.2	62.9	61.72	63.31	63.91
	+600	64.2	63.2	61.80	63.39	64.00
	NO 4	64.0	63.2	61.82	63.41	64.02
NO 5	+200	64.0	63.2	61.82	63.41	64.02
	+400	64.0	63.2	61.82	63.41	64.02
	+600	64.0	63.2	61.82	63.41	64.02
	NO 6	64.0	63.2	61.82	63.41	64.02

SCALE
 HORIZONTAL
 0
 VERTICAL
 0

国際協力事

受入 月日 '84. 5. 30

登録No. 10354



計	断面	1-1/2300		65.60
		断面高	切土高	
4.16	45.90	2.74	2.56	
4.34	46.08	2.49	2.42	
4.51	46.25	2.44	2.44	
4.68	46.42	2.47	2.47	
4.86	46.60	2.89	3.02	
5.03	46.77	3.14	2.90	
5.21	46.95			
5.38	47.12			
5.56	47.30			
5.60	47.34			

1. What is the main purpose of the document?
 2. What are the key findings of the study?
 3. What are the limitations of the study?
 4. What are the implications of the study?
 5. What are the conclusions of the study?
 6. What are the recommendations of the study?
 7. What are the future research directions?
 8. What are the acknowledgments?
 9. What are the references?
 10. What are the appendices?

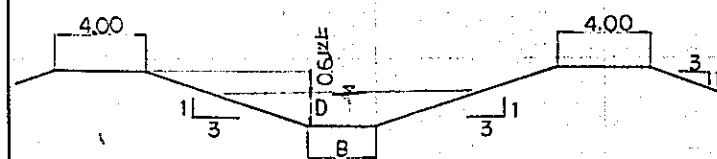
65.0

60.0

TYPE IV L=1800

TYPE V L=2100

標準断面図



TYPE	IV	V
Q m^3/s	15.82	8.38
B m	5.00	3.00
D m	1.74	1.47
V m^3/s	0.89	0.77

測点	現況			設計			勾配
	河床高	堤頂高	水面高	水面高	堤頂高	切土高	
+600	66.9	65.8	64.16	65.90		2.74	
NO 10	66.9	66.3	64.34	66.08		2.56	
+400	67.0	66.2	64.51	66.25		2.49	
+800	67.2	66.5	64.68	66.42		2.42	
NO 11	67.5	66.6	64.86	66.60		2.44	
+200	67.5	66.2	65.03	66.77		2.47	
+600	68.1	66.3	65.21	66.95		2.89	
NO 12	68.4	66.6	65.38	67.12		3.02	
+400	68.7	67.4	65.66	67.30		3.14	
+800	68.5	67.4	65.60	67.34		2.70	
+900							

1-1/2300

65.50

国際協力事

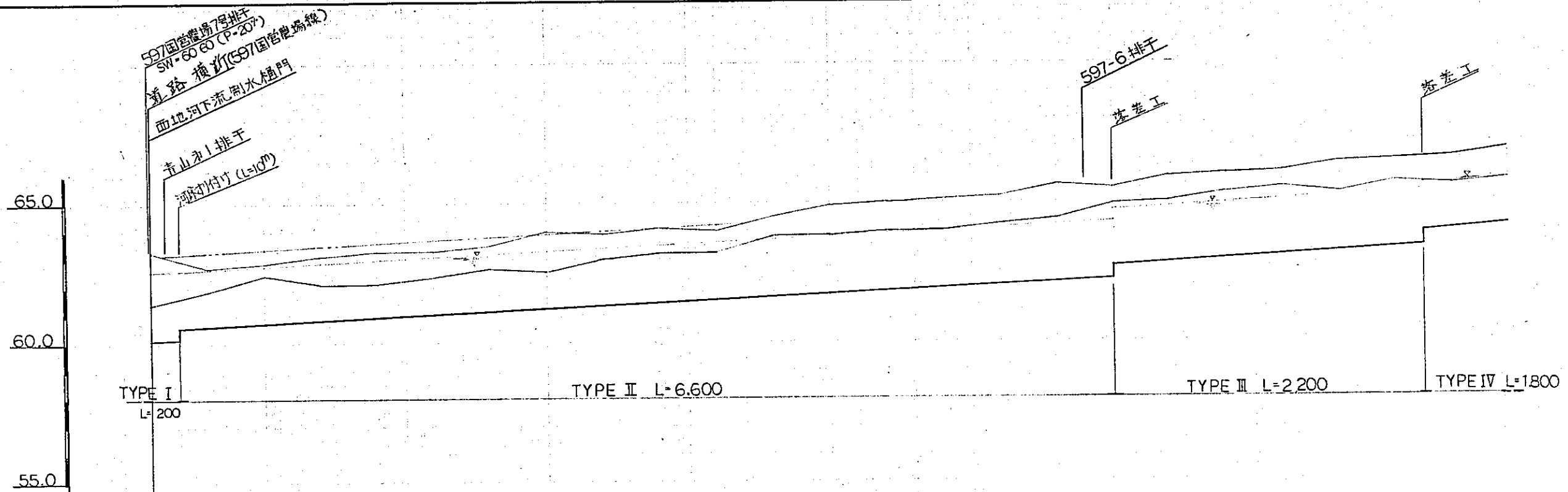
受入
月日 '84. 5. 30

登録No. 10354

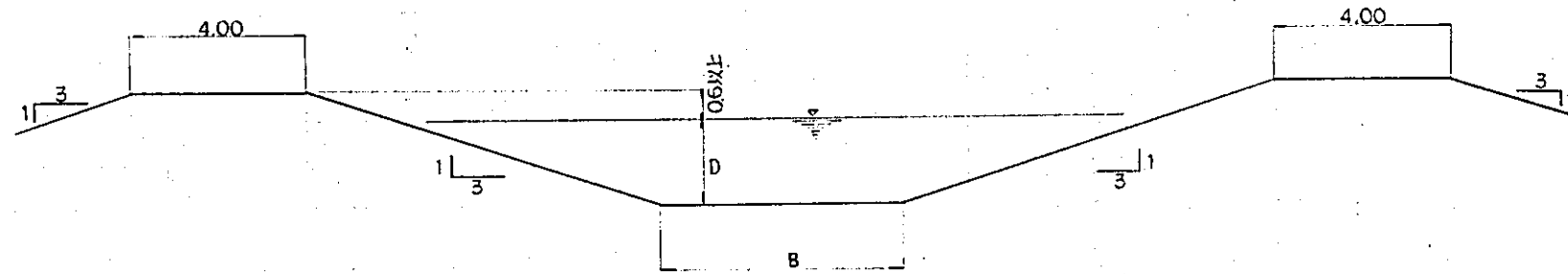
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

国際協力事業団	
受入 月日 '84. 5. 30	105
登録No. 10354	80.7
	AFT

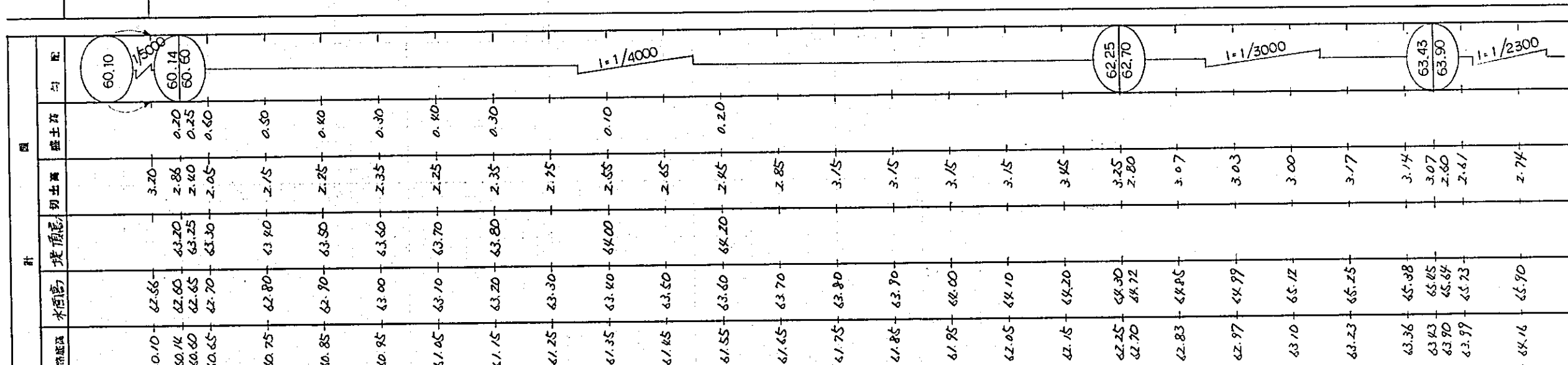
中國三江平原 竜頭橋典型区農業開發計画	
國際協力事業団	
西地河下流(2/2)	
排 - 7	



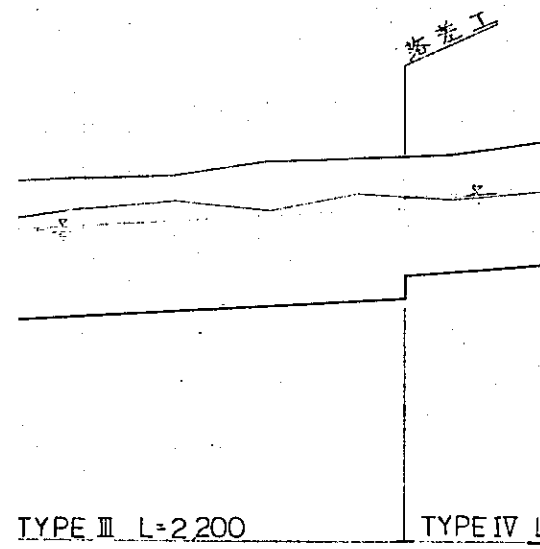
標準断面図



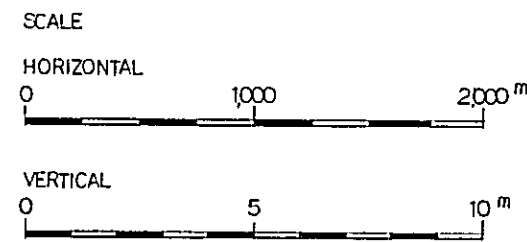
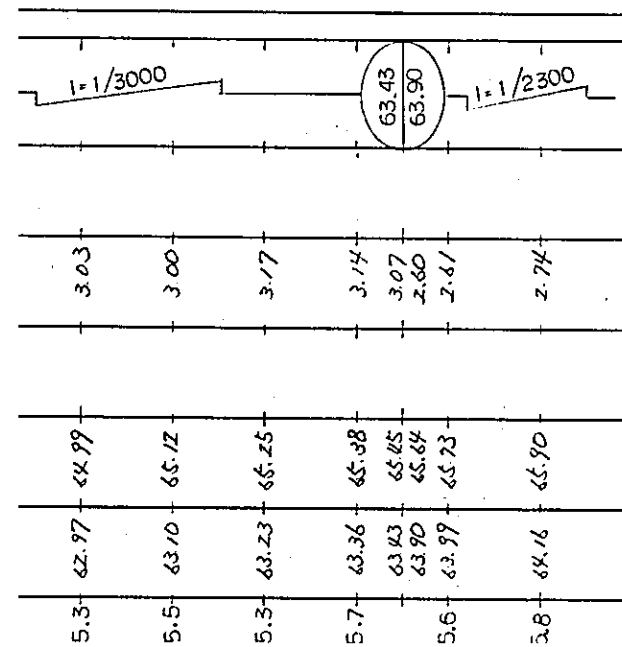
TYPE	I	II	III	IV
Q m ³ /s	82.92	60.27	22.22	15.82
B m	30.00	26.50	6.50	5.00
D m	2.46	2.05	2.02	1.74
V m/s	0.93	0.90	0.88	0.89



SCALE
HORIZ
0
VERTIC
0



TYPE	I	II	III	IV
Q m ²	82.92	60.27	22.22	15.82
B m	30.00	26.50	6.50	5.00
D m	2.46	2.05	2.02	1.74
V m ³	0.93	0.90	0.88	0.89



60.0
55.0

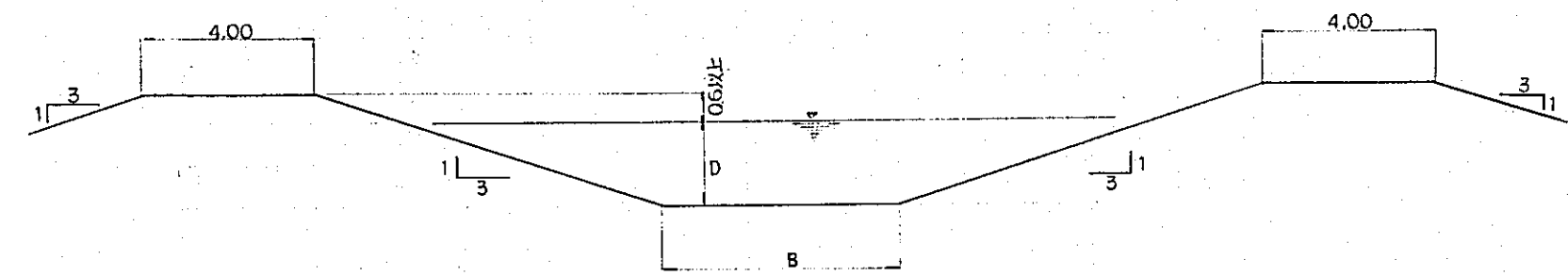
TYPE I
L=200

TYPE II L=6.600

TYPE III L=2.200

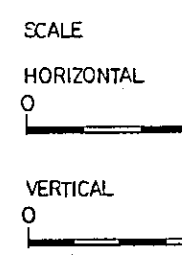
TYPE IV L=1800

標準断面図



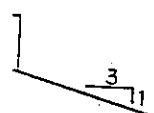
TYPE	I	II	III	IV
Q m ³ /s	82.92	60.27	22.22	15.82
B m	30.00	26.50	6.50	5.00
D m	2.46	2.05	2.02	1.74
V m/s	0.93	0.90	0.88	0.89

現況		設計					計		備考	
口	点	地盤高	河床高	水深	水位	堤頂高	堤頂高	堤頂高	堤頂高	堤頂高
NO 0	0	63.3	61.4	60.10	62.66	63.20	63.20	63.20	63.20	63.20
	+200	63.0	61.4	60.14	62.65	63.25	63.25	63.25	63.25	63.25
	+400	62.7	61.9	60.65	62.70	63.30	63.30	63.30	63.30	63.30
	+800	62.9	62.4	60.75	62.80	63.40	63.40	63.40	63.40	63.40
NO 1	0	63.1	62.1	60.85	62.90	63.50	63.50	63.50	63.50	63.50
	+200	63.3	62.1	60.95	63.00	63.60	63.60	63.60	63.60	63.60
	+400	63.5	62.7	61.15	63.20	63.80	63.80	63.80	63.80	63.80
	+800	64.0	62.5	61.25	63.30	63.90	63.90	63.90	63.90	63.90
NO 2	0	63.9	63.0	61.35	63.40	64.00	64.00	64.00	64.00	64.00
	+200	64.1	63.2	61.45	63.50	64.10	64.10	64.10	64.10	64.10
	+400	64.0	63.2	61.55	63.60	64.20	64.20	64.20	64.20	64.20
	+800	64.5	63.8	61.65	63.70	64.30	64.30	64.30	64.30	64.30
NO 3	0	64.9	63.8	61.75	63.80	64.40	64.40	64.40	64.40	64.40
	+200	65.0	64.0	61.85	63.90	64.50	64.50	64.50	64.50	64.50
	+400	65.1	64.0	61.95	64.00	64.60	64.60	64.60	64.60	64.60
	+800	65.2	64.2	62.05	64.10	64.70	64.70	64.70	64.70	64.70
NO 4	0	65.6	64.4	62.15	64.20	64.80	64.80	64.80	64.80	64.80
	+200	65.5	64.9	62.25	64.30	64.90	64.90	64.90	64.90	64.90
	+400	65.9	65.0	62.83	64.85	64.95	64.95	64.95	64.95	64.95
	+800	66.0	65.3	62.97	64.99	65.09	65.09	65.09	65.09	65.09
NO 5	0	66.1	65.5	63.10	65.12	65.20	65.20	65.20	65.20	65.20
	+200	66.4	65.3	63.23	65.25	65.35	65.35	65.35	65.35	65.35
	+400	66.5	65.7	63.36	65.38	65.45	65.45	65.45	65.45	65.45
	+800	66.5	66.5	63.43	65.45	65.54	65.54	65.54	65.54	65.54
NO 6	0	66.6	65.6	63.99	65.53	65.63	65.63	65.63	65.63	65.63
	+200	66.9	65.8	64.16	65.66	65.74	65.74	65.74	65.74	65.74
	+400	66.9	65.8	64.16	65.66	65.74	65.74	65.74	65.74	65.74
	+800	66.9	65.8	64.16	65.66	65.74	65.74	65.74	65.74	65.74

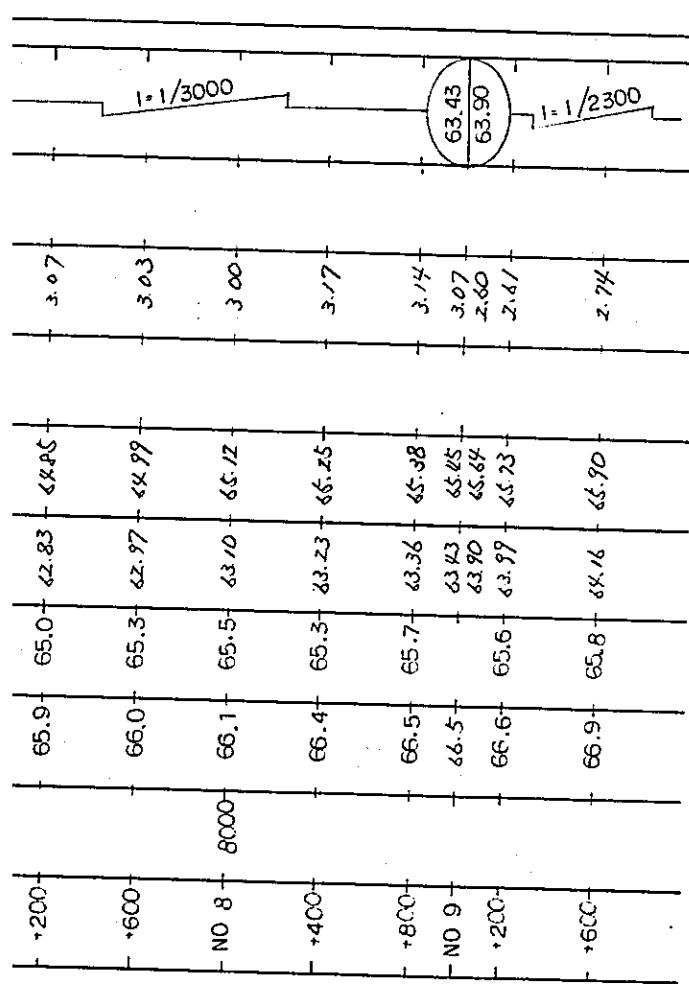


TYPE III L=2200

TYPE IV L=1800

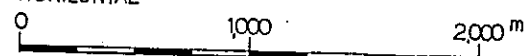


TYPE	I	II	III	IV
Q m ³ /s	82.92	60.27	22.22	15.82
B m	30.00	26.50	6.50	5.00
D m	2.46	2.05	2.02	1.74
V m/s	0.93	0.90	0.88	0.89



SCALE

HORIZONTAL



VERTICAL



国際協力事業団	
受入 月日	84. 5. 30
登録No.	10354
	AFT

中国三江平原	
竜頭橋典型区農業開発計画	
国際協力事業団	
西地河下流(1/2)	
排 - 6	

道路 横断(597国官農場線)
597国官農場8号排水
SW-60.10 (P-20%)
青山二排水制水樋門

排水(10m)

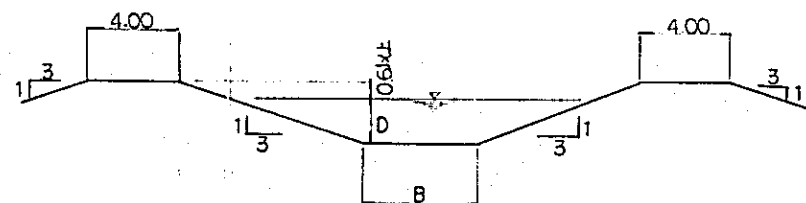
65.0
60.0
55.0

TYPE I L=1600

TYPE II L=2000

TYPE III L=1900

標準断面図



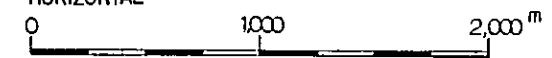
TYPE	I	II	III
Q m ³ /s	24.02	14.21	6.91
B m	10.50	5.00	3.00
D m	2.02	1.99	1.61
V m/s	0.72	0.65	0.55

計	配	1=1/5000														
		60.35	60.43	60.51	60.59	60.67	60.75	60.83	60.91	60.99	61.07 61.50	61.56	61.63	61.69	61.75	61.80
水面高		62.37	62.45	62.53	62.61	62.69	62.74	62.82	62.90	62.98	63.06 63.10	63.16	63.23	63.29	63.35	63.40
堤頂高			63.05	63.13	63.21	63.29	63.34	63.42	63.50	63.58			63.63	63.69		
切土高		2.75	2.17	2.29	2.01	2.03	2.15	2.37	2.29	2.31	2.23 2.30	2.24	1.87	2.01	2.25	2.30
盛土高			0.45	0.33	0.61	0.49 0.66	0.44	0.22	0.30	0.28			0.33	0.19		
配		60.35	60.43	60.51	60.59	60.67	60.75	60.83	60.91	60.99	61.07 61.50	61.56	61.63	61.69	61.75	61.80

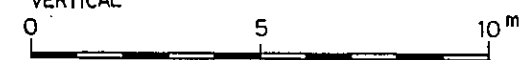
SCALE
HORIZONTAL
0
VERTICAL
0

SCALE

HORIZONTAL



VERTICAL



60.0
55.0

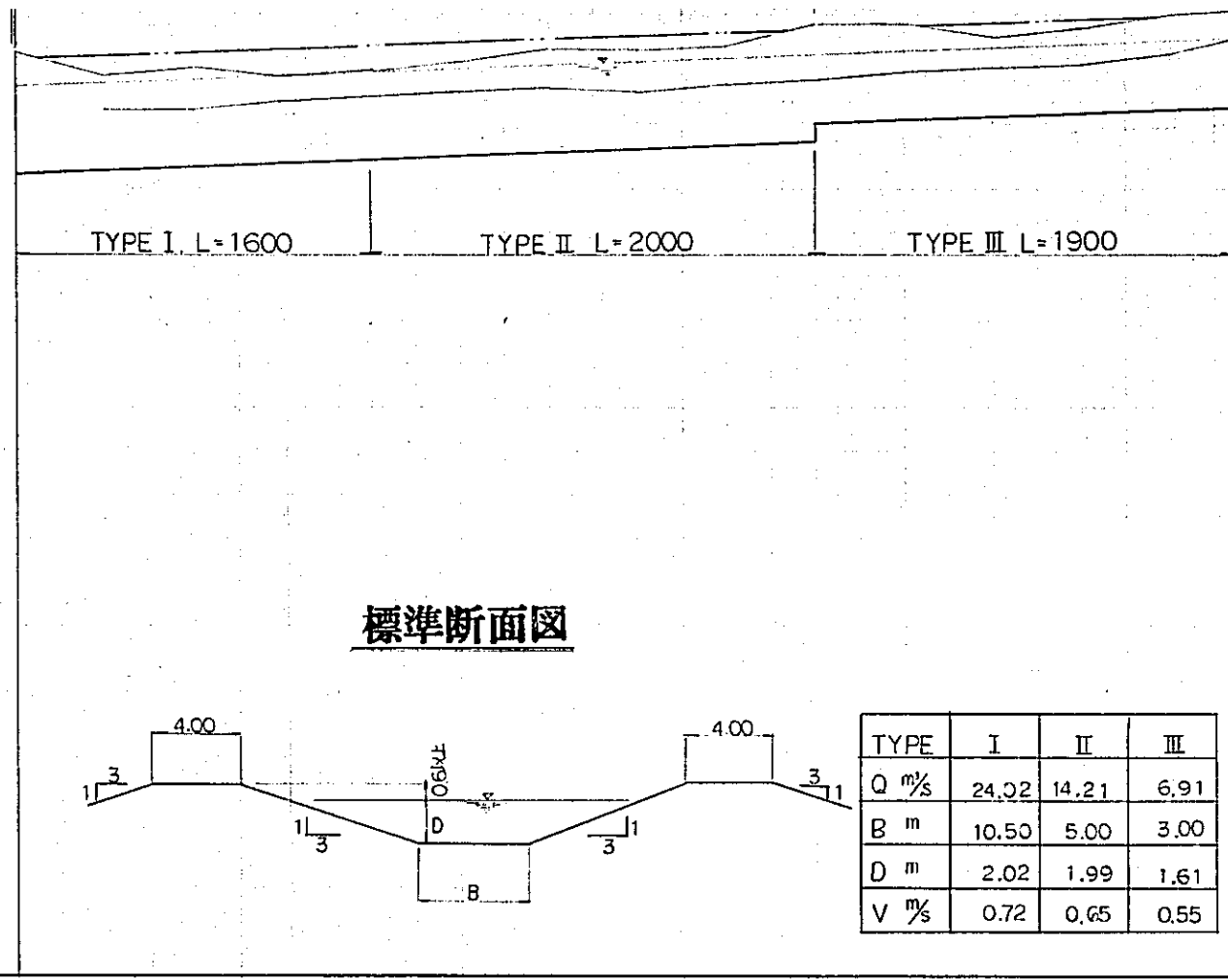
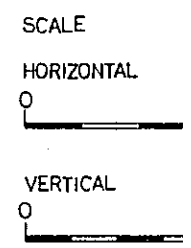
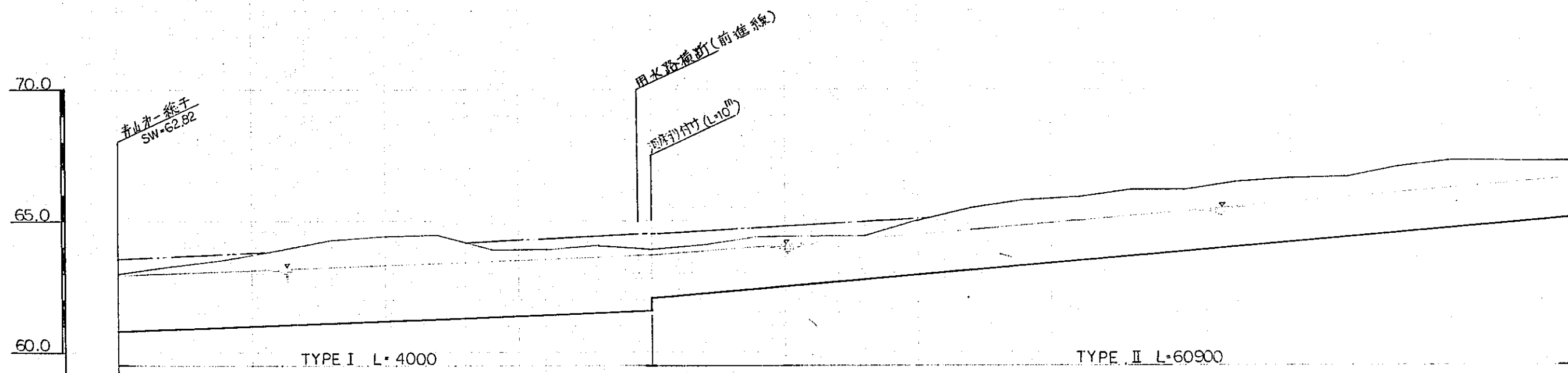
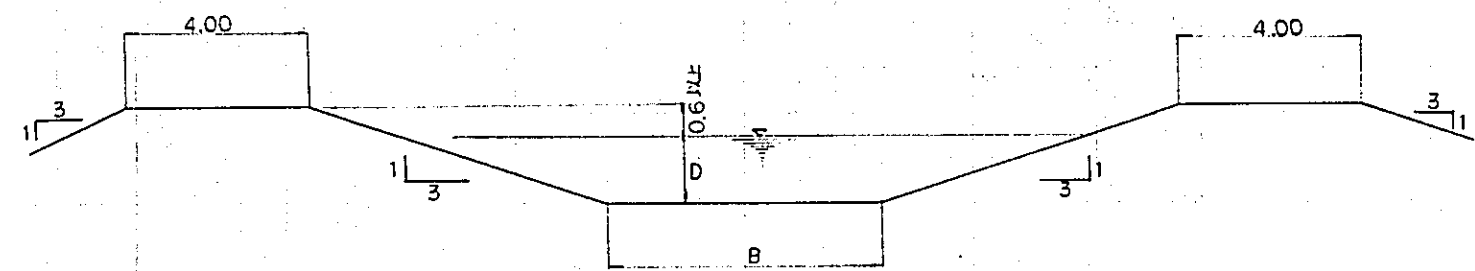


図	点	計					断面	
		断面高	水面高	堤頂高	切土高	盛土高	勾配	配
NO 0	0	63.1	60.35	62.37	2.75	0.35	1:1/5000	60.35
		62.6	60.23	62.45	2.77	0.45		
+400	+400	62.8	60.51	62.53	2.29	0.33	1:1/5000	
		62.6	60.59	62.61	2.01	0.61		
NO 1	+200	62.7	60.67	62.69	2.03	0.59	1:1/5000	
		62.9	60.75	62.74	2.15	0.44		
+600	+600	63.2	60.83	62.82	2.37	0.22	1:1/5000	
		63.2	60.91	62.90	2.27	0.30		
NO 2	+200	63.3	60.99	62.98	2.31	0.28	1:1/5000	
		63.8	61.07	63.06	2.73			61.07 61.50
+800	+800	63.8	61.58	63.10	2.30		1:1/5000	
		63.8	61.66	63.16	2.24			
NO 3	+400	63.5	61.63	63.23	1.87	0.33	1:1/5000	
		63.7	61.69	63.29	2.01	0.19		
+1200	+1200	64.0	61.75	63.65	2.25		1:1/5000	
		64.1	61.80	63.40	2.30			61.80
+500	+500	64.1	61.80	63.40	2.30		1:1/5000	





標準断面図



TYPE	I	II
Q m/s	24.22	13.61
B m	9.00	6.00
D m	2.09	1.52
V m/s	0.76	0.85

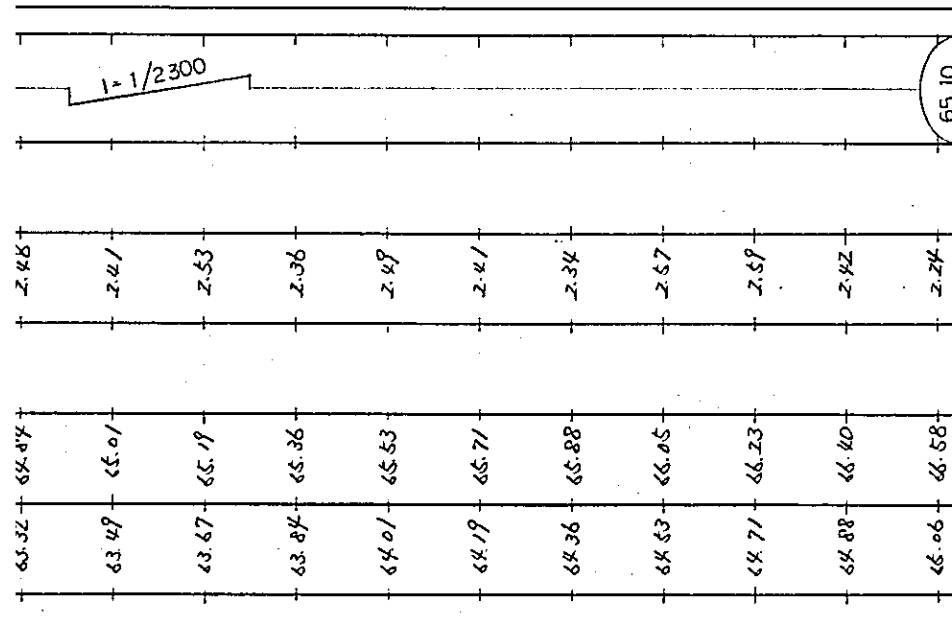
距離	水面高	堤頂高	切土高	盛土高	内 距
60.80	62.89	63.49	2.20	0.49	60.80
60.89	62.98	63.58	2.41	0.28	
60.98	63.07	63.67	2.62	0.17	
61.07	63.16		2.83		
61.16	63.25		3.14		
61.25	63.34		3.45		
61.33	63.42		3.17		
61.42	63.51	64.11	2.48	0.21	
61.51	63.60	64.20	2.39	0.30	
61.60	63.69	64.29	2.60	0.19	
61.69	63.78	64.38	2.21	0.48	61.69
61.70	63.62	64.22	1.80	0.32	62.10
62.27	63.79	64.39	1.83	0.29	
62.45	63.97	64.57	1.95	0.17	
62.62	64.14	64.74	1.78	0.34	
62.80	64.32	64.92	1.60	0.52	
62.97	64.49	65.09	2.03	0.09	
63.14	64.66		2.36		
63.32	64.84		2.48		
63.49	65.01		2.41		
63.67	65.19		2.53		
63.84	65.36		2.36		
64.01	65.53		2.49		
64.19	65.71		2.41		
64.36	65.88		2.34		
64.53	66.05		2.67		
64.71	66.23		2.59		
64.88	66.40		2.42		
65.06	66.58		2.74		
65.10	66.62		2.20		65.10

SC
HC
FO
VE



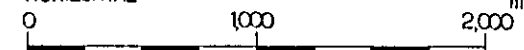
3/1

TYPE	I	II
O m/s	24.22	13.61
B m	9.00	6.00
D m	2.09	1.52
V m/s	0.76	0.85

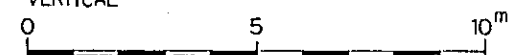


SCALE

HORIZONTAL



VERTICAL



65.0
60.0

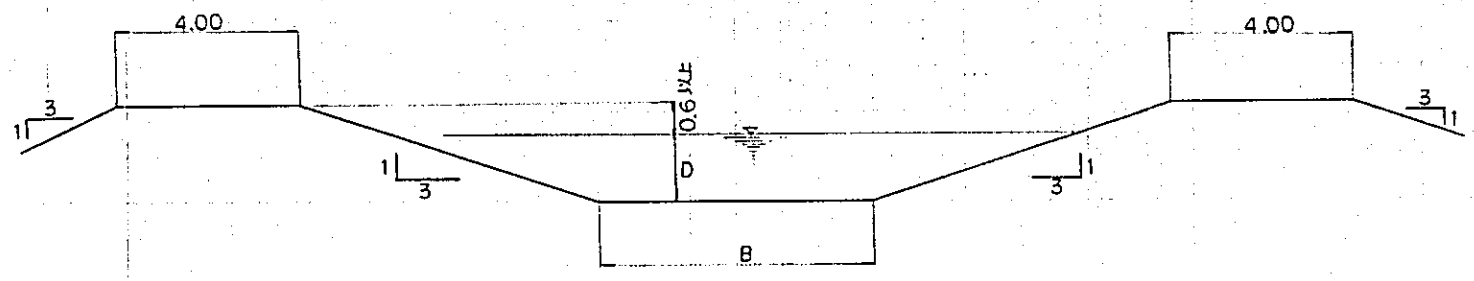
青山カ
SW=62.52

池田カ
付付付付付

TYPE I L=4000

TYPE II L=60900

標準断面図



TYPE	I	II
Q m/s	24.22	13.61
B m	9.00	6.00
D m	2.09	1.52
V m/s	0.76	0.85

現況		設計				既設	
測点	河床高	水面高	堤頂高	切土高	盛土高	勾配	
NO 0	630	62.89	63.49	2.20	0.49	60.80	
+400	635	62.98	63.58	2.41	0.28		
+800	635	63.07	63.67	2.62	0.17		
NO 1	639	63.16		2.83			
+200	643	63.25		3.14			
+600	644	63.34		3.15			
NO 2	2000	63.42		3.17			
+400	645	63.51		2.48	0.21		
+800	639	63.60	64.20	2.39	0.30		
NO 3	639	63.69	64.29	2.60	0.19		
+200	641	63.78	64.38	2.21	0.48		
+600	639	63.87	64.47	1.80	0.32		
NO 4	4000	63.96	64.56	1.83	0.29		
+400	641	64.05	64.65	1.95	0.17		
+800	644	64.14	64.74	1.78	0.34		
NO 5	644	64.23	64.83	1.60	0.52		
+200	644	64.32	64.92	2.03	0.09		
+600	650	64.41	65.01	2.36			
NO 6	6000	64.50	65.10	2.48			
+400	655	64.59	65.19	2.41			
+800	658	64.68	65.28	2.53			
NO 7	659	64.77	65.37	2.36			
+200	662	64.86	65.46	2.49			
+600	662	64.95	65.55	2.41			
NO 8	8000	65.04	65.64	2.34			
+400	665	65.13	65.73	2.67			
+800	666	65.22	65.82	2.59			
NO 9	667	65.31	65.91	2.42			
+200	667	65.40	66.00	2.24			
+600	671	65.49	66.09	2.24			
NO 10	10000	65.58	66.18	2.59			
+400	675	65.67	66.27	2.42			
+800	675	65.76	66.36	2.24			
+900	675	65.85	66.45	2.20			

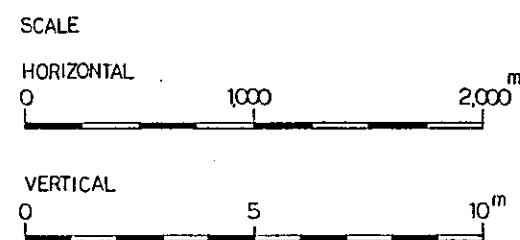
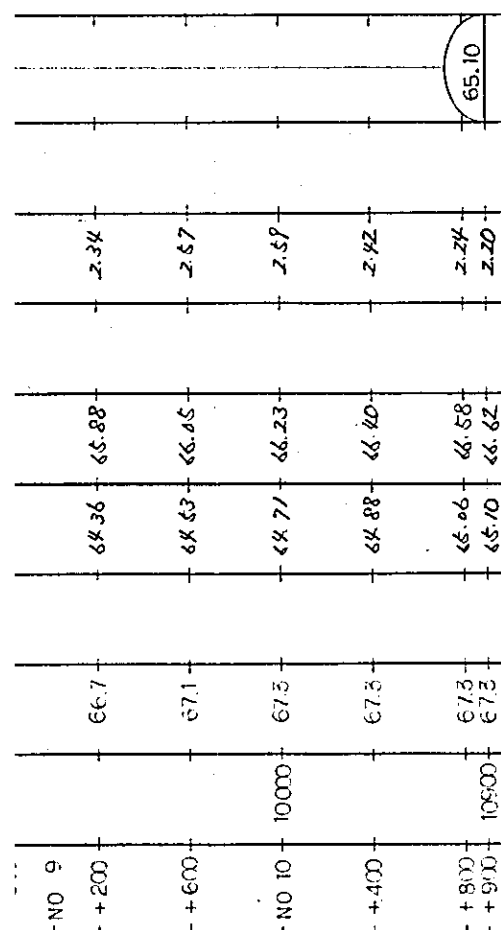
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61.69
62.10

1=1/2300

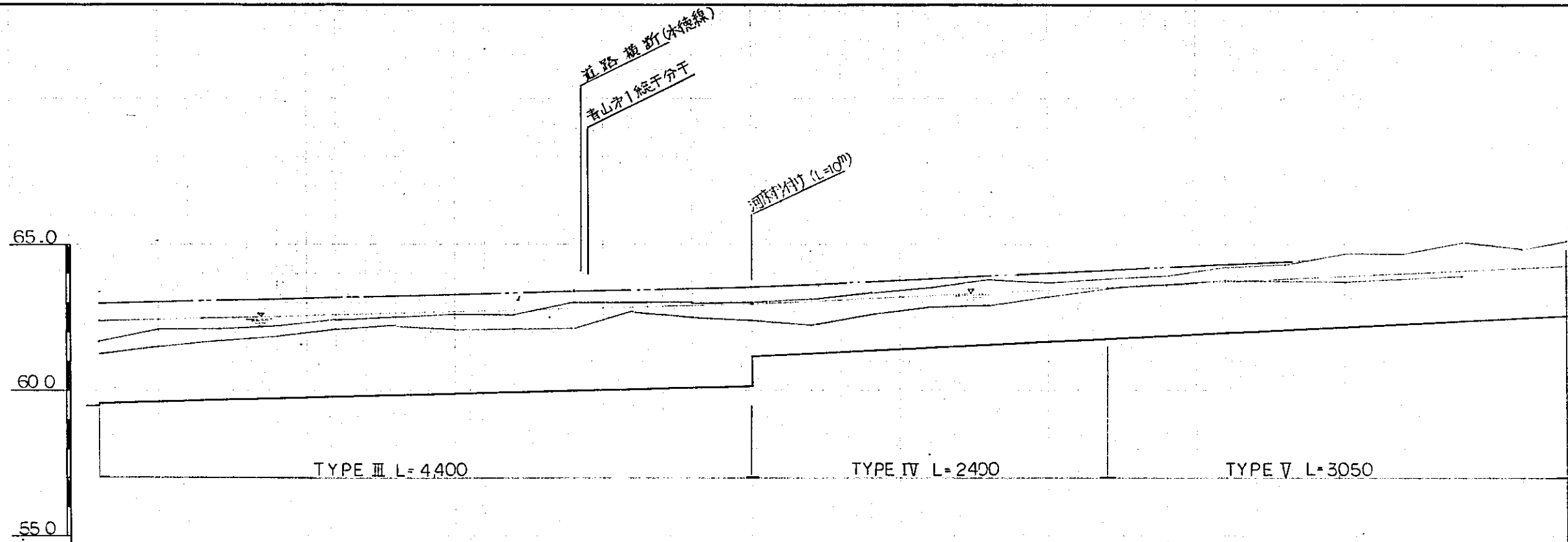
SCAI
HOR
O
VER

II
13.61
6.00
1.52
0.85

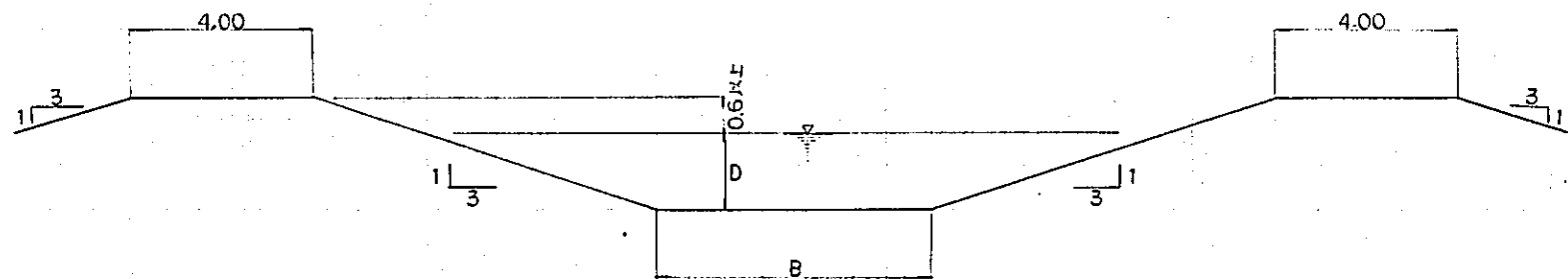


国際協力事業団		
受入 月日	'84. 5. 30	105
登録No.	10354	807
		AFT

中国三江平原	
竜頭橋曲型区農業開発計画	
国際協力事業団	
青山第1 総干分干	
排 - 4	



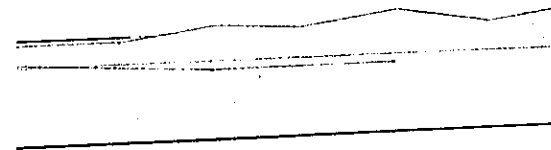
標準断面図



TYPE	Ⅲ	Ⅳ	Ⅴ
Q m ³ /s	42.06	13.42	8.54
B m	13.00	6.00	3.00
D m	2.81	1.73	1.68
V m/s	0.70	0.69	0.63

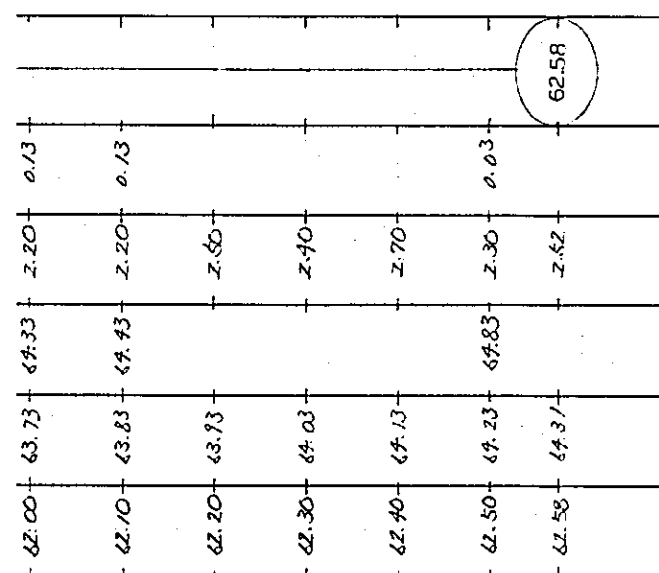
断面	水面高	堤頂高	切土高	盛土高	配
50	62.42	63.02	2.20	1.32	59.50
60	62.91	63.01	2.10	1.31	59.60
65	62.96	63.06	2.45	0.96	
70	62.51	63.11	2.40	1.01	
75	62.56	63.16	2.45	0.96	
80	62.61	63.21	2.60	0.81	
85	62.66	63.26	2.65	0.76	
90	62.71	63.31	2.70	0.71	
95	62.76	63.36	2.65	0.76	
00	62.81	63.41	2.00	0.81	
05	62.96	63.46	2.99	0.96	
10	62.91	63.51	2.70	0.51	
15	62.96	63.56	2.45	0.56	60.15
20	62.93	63.53	1.80	0.53	61.20
30	63.03	63.63	1.90	0.53	
40	63.13	63.73	2.00	0.43	
50	63.23	63.83	2.20	0.33	
60	63.33	63.93	2.00	0.13	
70	63.43	64.03	2.00	0.33	
80	63.53	64.13	2.00	0.33	
90	63.63	64.23	2.00	0.33	
00	63.73	64.33	2.20	0.13	
10	63.83	64.43	2.20	0.13	
20	63.93		2.50		
30	64.03		2.40		
40	64.13		2.70		
50	64.23	64.83	2.30	0.03	
55	64.31		2.62		62.58

SCALE
HORIZONTAL
0
VERTICAL
0



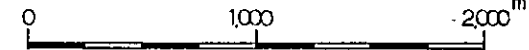
TYPE V L=3050

TYPE	III	IV	V
Q m/s	42.06	13.42	8.54
B m	13.00	6.00	3.00
D m	2.81	1.73	1.68
V m/s	0.70	0.62	0.63



SCALE

HORIZONTAL



VERTICAL



65.0

60.0

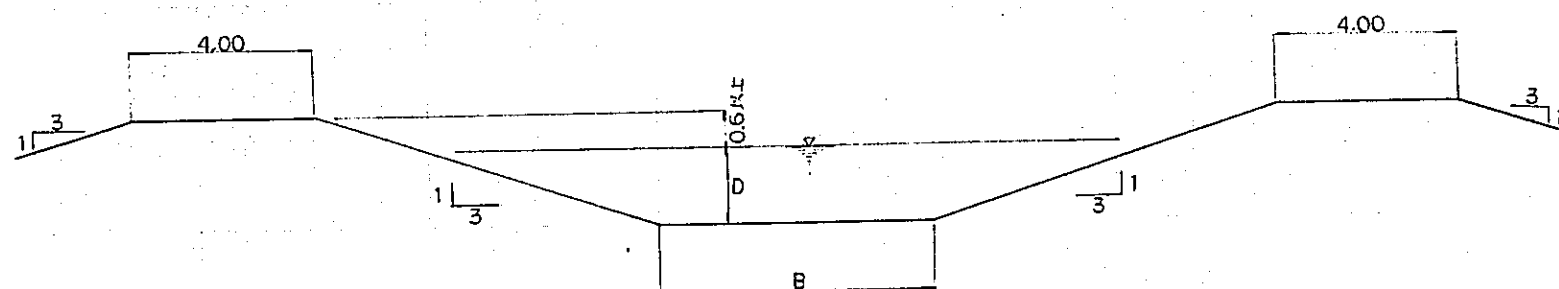
55.0

TYPE III L=4400

TYPE IV L=2400

TYPE V L=3050

標準断面図



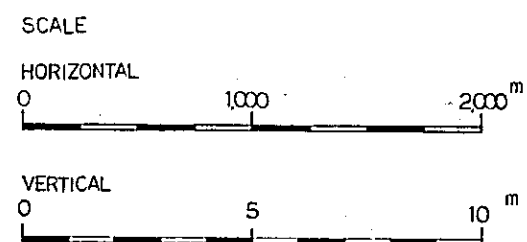
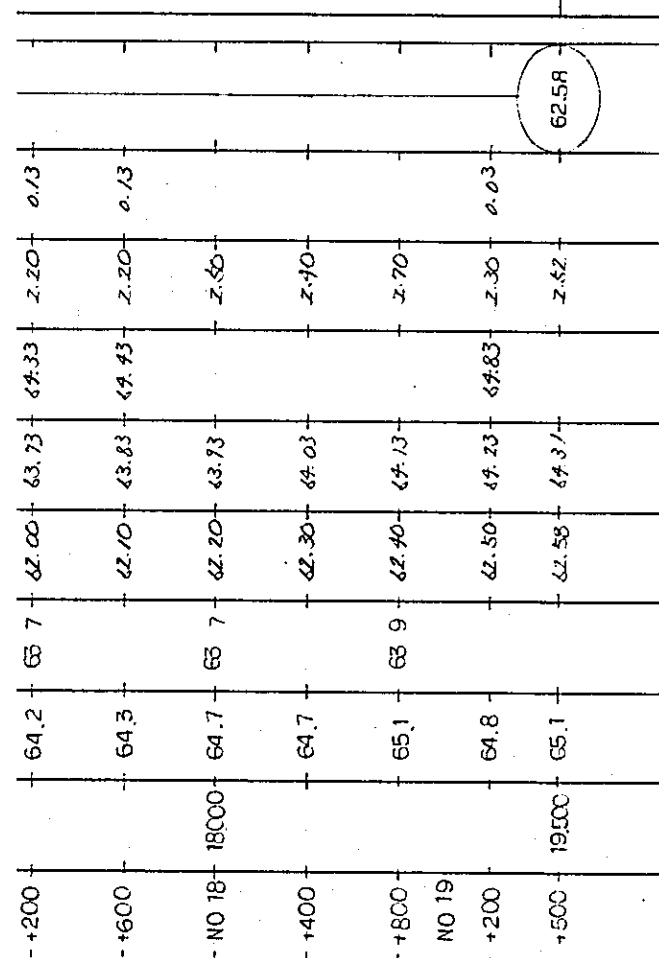
TYPE	III	IV	V
Q m ³ /s	42.06	13.42	8.54
B m	13.00	6.00	3.00
D m	2.81	1.73	1.68
V m ³ /s	0.70	0.69	0.63

現況		計画				断面	
断面	河床高	水深	水面高	堤頂高	切土高	盛土高	距離
+600	61.7	61.2	59.50 59.60	62.42 62.91	63.02 63.01	1.32 1.31	59.50 59.60
NO 10	62.1	61.5	59.65	62.96	63.06	0.96	
+400	62.1	61.7	59.70	62.51	63.11	1.01	
+600	62.2	61.8	59.75	62.56	63.16	0.96	
NO 11	62.4	62.1	59.80	62.61	63.21	0.81	
+200	62.5	62.2	59.85	62.66	63.26	0.76	
+600	62.6	62.1	59.90	62.71	63.31	0.71	
NO 12	62.6	62.1	59.95	62.76	63.36	0.76	
+400	63.0	62.1	60.00	62.81	63.41	0.81	
+800	63.0	62.1	60.05	62.86	63.46	0.86	
NO 13	63.0	62.5	60.10	62.91	63.51	0.51	
+200	63.0	62.4	60.15 61.20	62.96 62.93	63.56 63.53	0.56 0.53	60.15 61.20
+600	63.1	62.2	61.30	63.03	63.63	0.53	
NO 14	63.3	62.6	61.40	63.13	63.73	0.43	
+400	63.5	62.8	61.50	63.23	63.83	0.33	
+800	63.8	62.9	61.60	63.33	63.93	0.13	
NO 15	63.7	63.2	61.70	63.43	64.03	0.33	
+200	63.8	63.5	61.80	63.53	64.13	0.33	
+600	63.9	63.6	61.90	63.63	64.23	0.33	
NO 16	64.2	63.7	62.00	63.73	64.33	0.13	
+400	64.3	63.7	62.10	63.83	64.43	0.13	
+800	64.7	63.7	62.20	63.93		0.13	
NO 17	64.7		62.30	64.03			
+200	65.1	63.9	62.40	64.13			
+600	64.8		62.50	64.23	64.83	0.03	
NO 18	65.1		62.58	64.31			62.58

SCALE
HORIZONTAL
0
VERTICAL
0

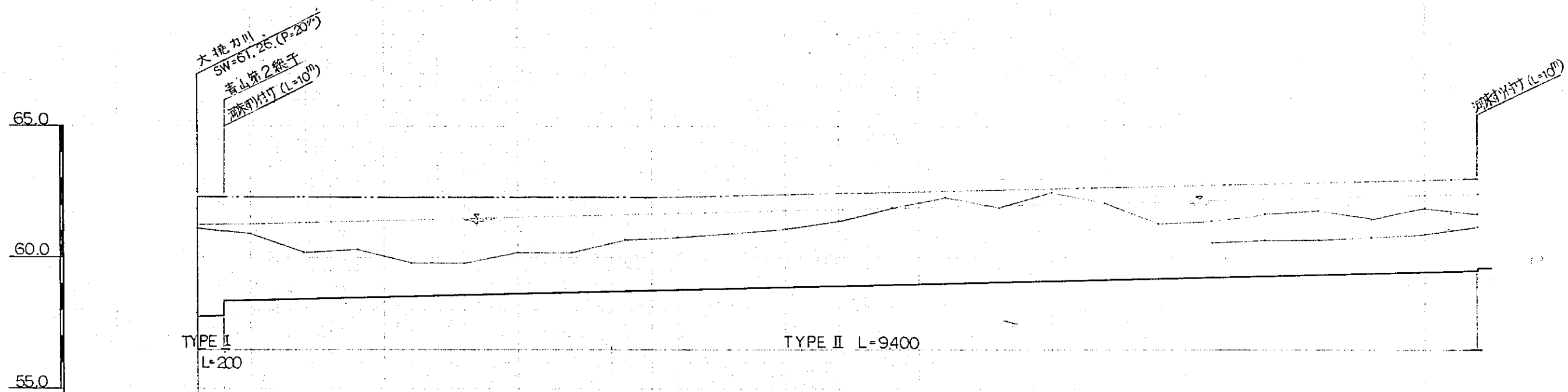
TYPE V L-3050

TYPE	III	IV	V
Q m/s	42.06	13.42	8.54
B m	13.00	6.00	3.00
D m	2.81	1.73	1.68
V m/s	0.70	0.69	0.63

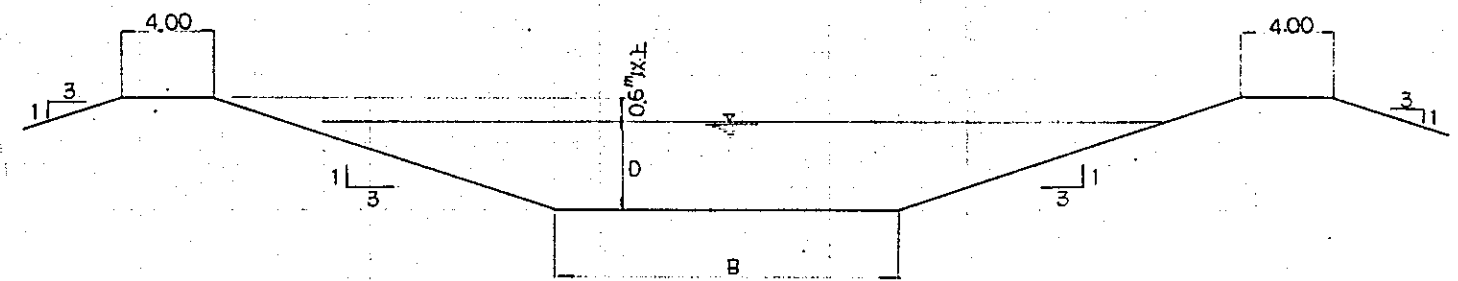


国際協力事業団	
受入 月日	'84.5.30
登録No.	10354
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中国三江平原 竜頭橋典型区農業開発計画
国際協力事業団
青山第1縦干(2/2)
排 - 3



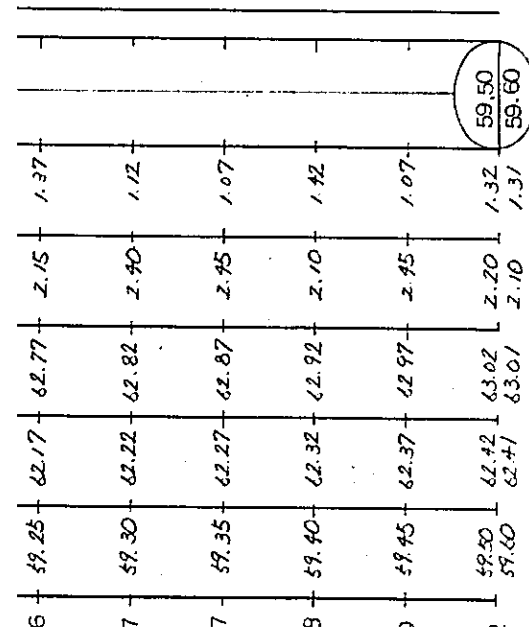
標準断面図



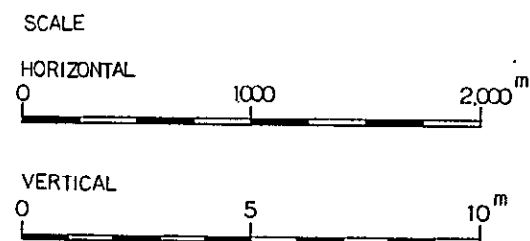
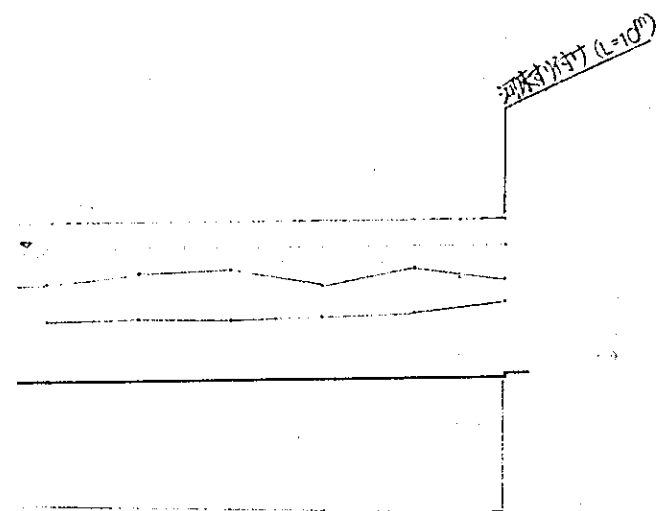
TYPE	I	II
Q m/s	69.94	50.54
B m	15.00	15.00
D m	3.46	2.92
V m/s	0.80	0.73

断面	水面高	堤頂高	切土高	盛土高	勾配
57.20	61.24	62.30	3.30	1.20	57.80
57.83	61.27	62.30			57.83
58.35	61.27	62.30	2.55	1.40	58.33
58.40	61.32	62.30	1.80	2.10	
58.45	61.37	62.30	1.85	2.00	
58.50	61.42	62.30	1.30	2.50	
58.55	61.47	62.30	1.25	2.50	
58.60	61.52	62.30	1.60	2.10	
58.65	61.57	62.30	1.55	2.10	
58.70	61.62	62.30	2.00	1.60	
58.75	61.67	62.30	2.05	1.50	
58.80	61.72	62.32	2.10	1.92	
58.85	61.77	62.37	2.25	1.27	
58.90	61.82	62.42	2.50	1.02	
58.95	61.87	62.47	2.95	0.57	
59.00	61.92	62.52	3.30	0.22	
59.05	61.97	62.57	2.85	0.67	
59.10	62.02	62.62	3.90	0.12	
59.15	62.07	62.67	2.95	0.57	
59.20	62.12	62.72	2.10	1.92	
59.25	62.17	62.77	2.15	1.37	
59.30	62.22	62.82	2.40	1.12	
59.35	62.27	62.87	2.45	1.07	
59.40	62.32	62.92	2.10	1.92	
59.45	62.37	62.97	2.45	1.07	
59.50	62.42	63.02	2.20	1.32	59.50
59.50	62.41	63.01	2.10	1.31	59.50

SCALE
HORIZ
0
VERTI
0



TYPE	I	II
Q m/s	69.94	50.54
B m	15.00	15.00
D m	3.46	2.92
V m/s	0.80	0.73

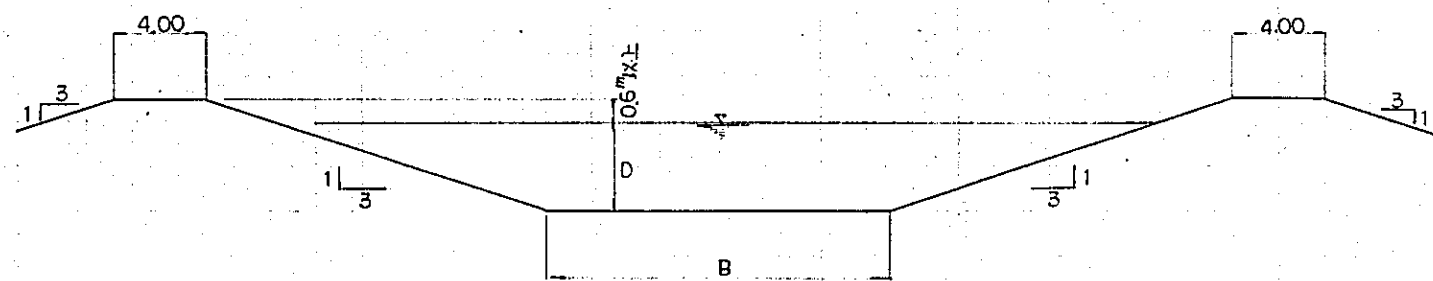


60.0
55.0

TYPE I
L=200

TYPE II L=9400

標準断面図

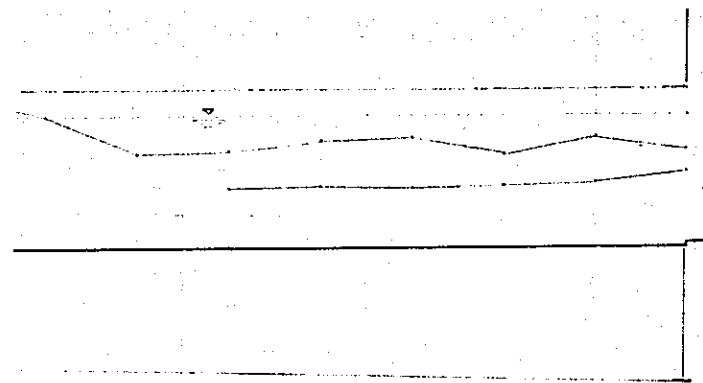


TYPE	I	II
Q m/s	69.94	50.54
B m	15.00	15.00
D m	3.46	2.92
V m/s	0.80	0.73

現況		設計				断面	
測点	追加距離	地盤高	河床高	水深	水面高	堤頂高	切土高
-NO. 0	0	61.1		57.20	61.26	62.30	3.30
+400		60.9		57.83 (58.33)	61.27	62.30	2.55
+800		60.2		58.40	61.32	62.30	1.80
NO. 1		60.3		58.45	61.37	62.30	1.85
+200		59.8		58.50	61.42	62.30	1.30
+600		59.8		58.55	61.47	62.30	1.25
-NO. 2	2000	60.2		58.60	61.52	62.30	1.60
+400		60.2		58.65	61.57	62.30	1.55
+800		60.2		58.70	61.62	62.30	2.00
NO. 3		60.7		58.75	61.67	62.30	2.05
+200		60.8		58.80	61.72	62.32	2.10
+600		60.9		58.85	61.77	62.37	2.25
-NO. 4	4000	61.1		58.90	61.82	62.42	2.50
+400		61.4		58.95	61.87	62.47	2.95
+800		61.9		59.00	61.92	62.52	3.30
NO. 5		62.3		59.05	61.97	62.57	2.85
+200		61.9		59.10	62.02	62.62	3.40
+600		62.5		59.15	62.07	62.67	2.95
-NO. 6	6000	62.1		59.20	62.12	62.72	2.10
+400		61.3		59.25	62.17	62.77	2.15
+800		61.4	60.6	59.30	62.22	62.82	2.40
NO. 7		61.7	60.7	59.35	62.27	62.87	2.45
+200		61.8	60.7	59.40	62.32	62.92	2.10
+600		61.5	60.8	59.45	62.37	62.97	2.45
-NO. 8	8000	61.9	60.9	59.50	62.42	63.02	2.20
+400		61.7	61.2	59.60	62.47	63.07	2.10

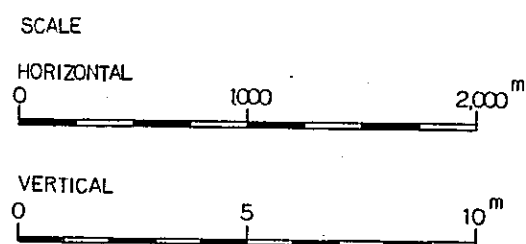
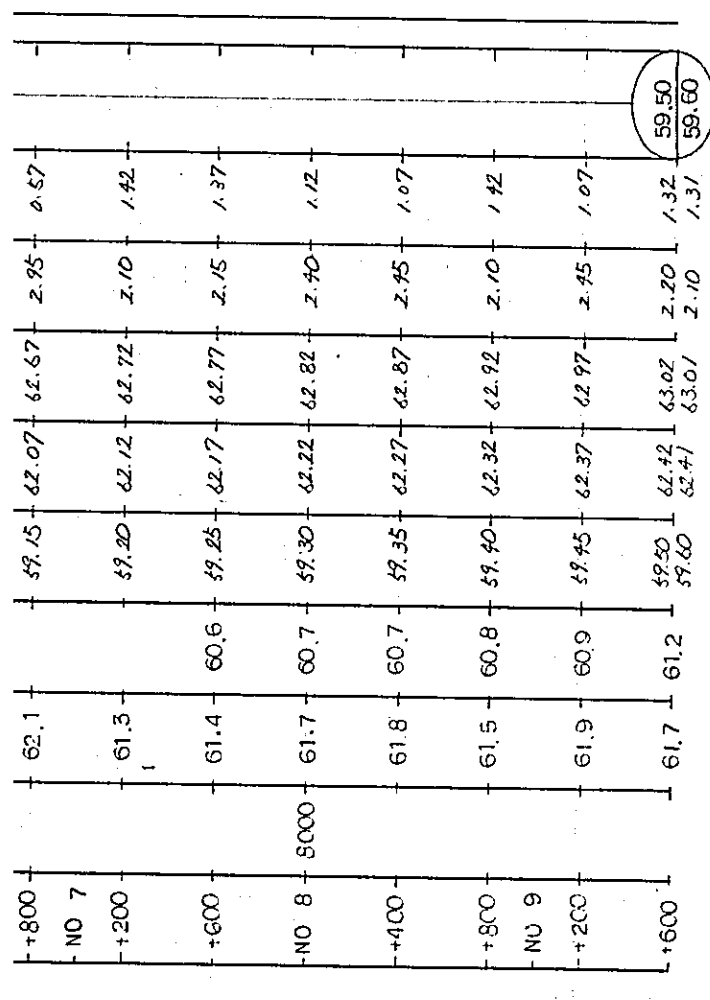
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SCALE
HORIZONTAL
0
VERTICAL
0



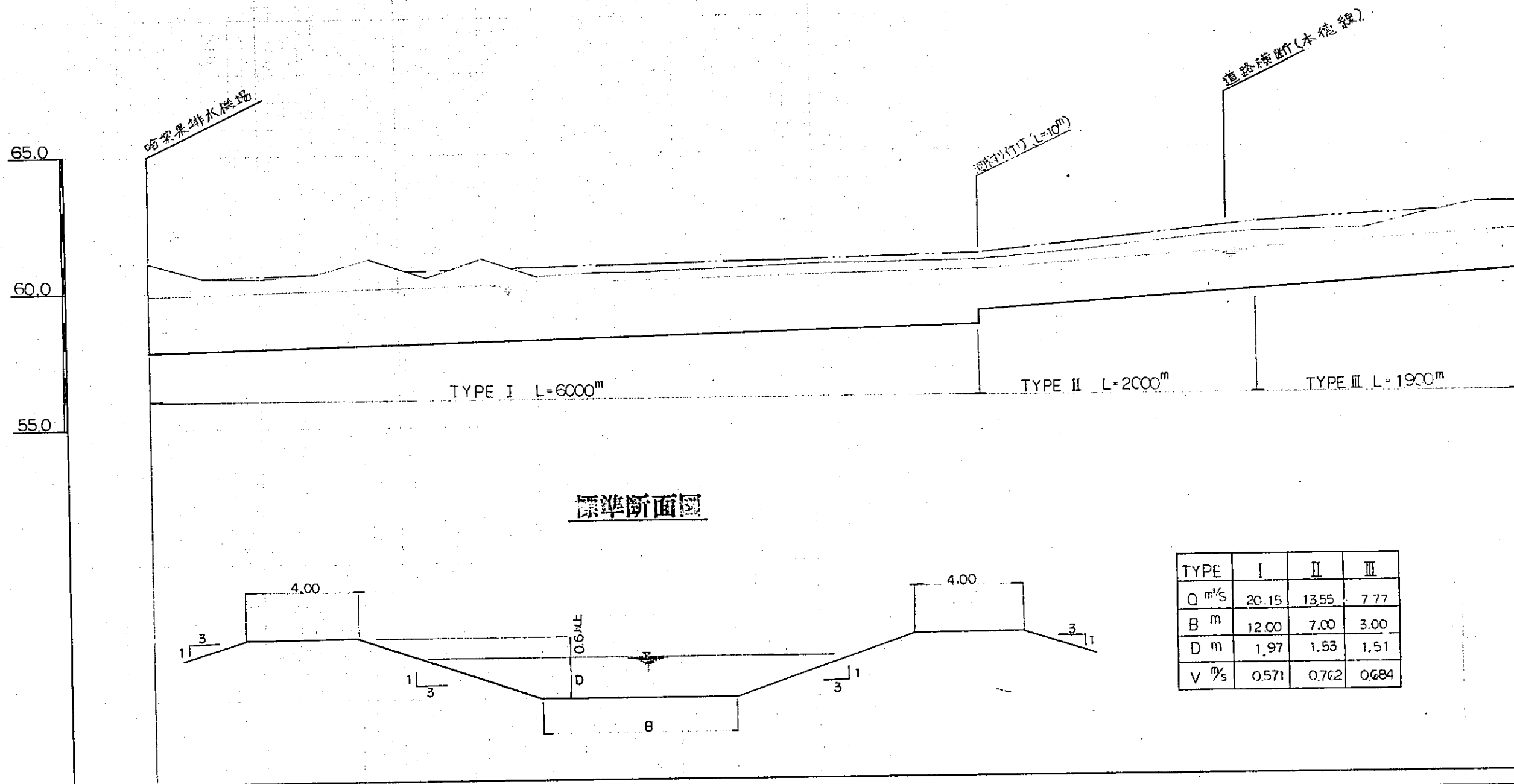
1:3

TYPE	I	II
Q m/s	69.94	50.54
B m	15.00	15.00
D m	3.46	2.92
V m/s	0.80	0.73



国際協力事業団	
受入 月日	84.5.30
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	105
	80.7
	AFT

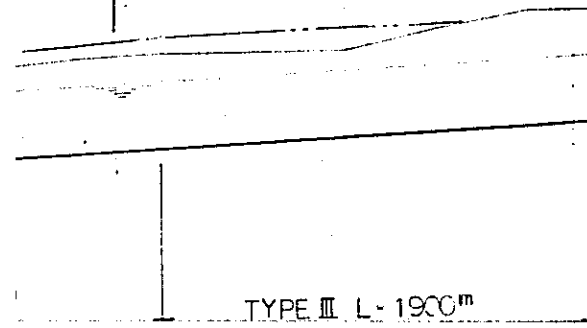
中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
青山第1総干(1/2)	
排 - 2	



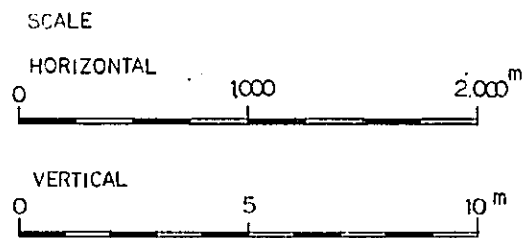
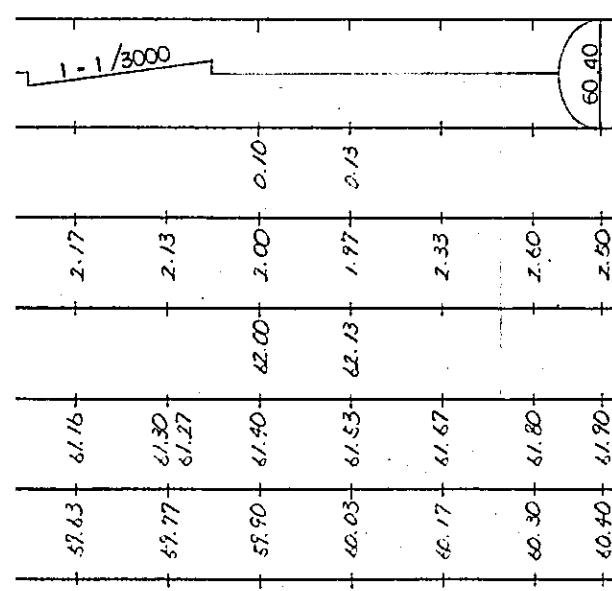
里程	計				坡度
	路面高	堤頂高	切土高	壅土高	
57.80	57.80	57.77	3.30		1:1/8000
57.85	57.85	57.82	2.65		
57.90	57.90	57.87	2.60		
57.95	57.95	57.92	2.75		
58.00	58.00	57.97	3.20		
58.05	58.05	58.02	2.45	0.12	
58.10	58.10	58.07	3.00		
58.15	58.15	58.12	2.15	0.42	
58.20	58.20	58.17	2.40	0.17	
58.25	58.25	58.22	2.35	0.22	
58.30	58.30	58.27	2.40	0.17	
58.35	58.35	58.32	2.45	0.12	
58.40	58.40	58.37	2.50	0.07	
58.45	58.45	58.42	2.45	0.12	
58.50	58.50	58.47	2.40	0.17	
58.55	58.55	58.52	2.35	0.22	1:1/3000
58.60	58.60	58.57	2.30	0.33	
58.65	58.65	58.62	1.87	0.26	
58.70	58.70	58.67	1.93	0.20	
58.75	58.75	58.72	2.00	0.13	
58.80	58.80	58.77	2.17		
58.85	58.85	58.82	2.13		
58.90	58.90	58.87	2.00	0.10	
58.95	58.95	58.92	1.97	0.13	
59.00	59.00	58.97	2.33		
59.05	59.05	59.02	2.60		
59.10	59.10	59.07	2.50		

SCALE
HORIZONTAL
0
VERTICAL
0

道路横断(本線線)



TYPE	I	II	III
Q m ³ /s	20.15	13.55	7.77
B m	12.00	7.00	3.00
D m	1.97	1.53	1.51
V m/s	0.571	0.762	0.684

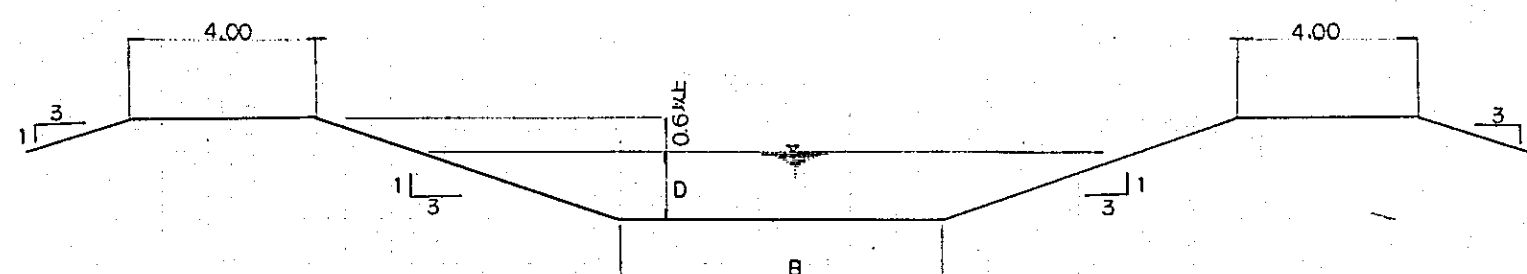


60.0

55.0

TYPE I L=6000^mTYPE II L=2000^mTYPE III L=1900^m

標準断面図



TYPE	I	II	III
Q m ³ /s	20.15	13.55	7.77
B m	12.00	7.00	3.00
D m	1.97	1.53	1.51
V m/s	0.571	0.762	0.684

現況	設計			設計	勾配
	地点	距離	地盤高	河床高	
NO 0	0	0	61.1	57.30	57.77
	+400		60.5	57.65	59.82
	+800		60.5	57.90	59.87
NO 1	+200		60.7	57.95	59.92
	+600		61.2	58.00	59.97
	NO 2	2000	60.5	58.05	60.02
	+400		61.1	58.10	60.07
	+800		60.5	58.15	60.12
	NO 3		60.6	58.20	60.17
	+200		60.6	58.25	60.22
	+600		60.7	58.30	60.27
	NO 4	4000	60.8	58.35	60.32
	+400		60.9	58.40	60.37
	+800		60.9	58.45	60.42
	NO 5		60.9	58.50	60.47
	+200		60.9	58.55	60.52
	+600		61.1	58.60	60.57
	NO 6	6000	61.1	58.65	60.62
	+400		61.3	58.70	60.67
	+800		61.5	58.75	60.72
	NO 7		61.8	58.80	60.77
	+200		61.9	58.85	60.82
	+600		61.9	58.90	60.87
	NO 8	8000	62.0	58.95	60.92
	+400		62.5	59.00	60.97
	+800		62.9	59.05	61.02
	NO 9		62.9	59.10	61.07
	+200		63.0	59.15	61.12
	+600		63.0	59.20	61.17
	NO 10		63.0	59.25	61.22
	+400		63.0	59.30	61.27
	+800		63.0	59.35	61.32
	NO 11		63.0	59.40	61.37
	+200		63.0	59.45	61.42
	+600		63.0	59.50	61.47
	NO 12		63.0	59.55	61.52
	+400		63.0	59.60	61.57
	+800		63.0	59.65	61.62
	NO 13		63.0	59.70	61.67
	+200		63.0	59.75	61.72
	+600		63.0	59.80	61.77
	NO 14		63.0	59.85	61.82
	+400		63.0	59.90	61.87
	+800		63.0	59.95	61.92
	NO 15		63.0	60.00	61.97
	+200		63.0	60.05	62.02
	+600		63.0	60.10	62.07
	NO 16		63.0	60.15	62.12
	+400		63.0	60.20	62.17
	+800		63.0	60.25	62.22
	NO 17		63.0	60.30	62.27
	+200		63.0	60.35	62.32
	+600		63.0	60.40	62.37
	NO 18		63.0	60.45	62.42
	+400		63.0	60.50	62.47
	+800		63.0	60.55	62.52
	NO 19		63.0	60.60	62.57
	+200		63.0	60.65	62.62
	+600		63.0	60.70	62.67
	NO 20		63.0	60.75	62.72
	+400		63.0	60.80	62.77
	+800		63.0	60.85	62.82
	NO 21		63.0	60.90	62.87
	+200		63.0	60.95	62.92
	+600		63.0	61.00	62.97
	NO 22		63.0	61.05	63.02
	+400		63.0	61.10	63.07
	+800		63.0	61.15	63.12
	NO 23		63.0	61.20	63.17
	+200		63.0	61.25	63.22
	+600		63.0	61.30	63.27
	NO 24		63.0	61.35	63.32
	+400		63.0	61.40	63.37
	+800		63.0	61.45	63.42
	NO 25		63.0	61.50	63.47
	+200		63.0	61.55	63.52
	+600		63.0	61.60	63.57
	NO 26		63.0	61.65	63.62
	+400		63.0	61.70	63.67
	+800		63.0	61.75	63.72
	NO 27		63.0	61.80	63.77
	+200		63.0	61.85	63.82
	+600		63.0	61.90	63.87
	NO 28		63.0	61.95	63.92
	+400		63.0	62.00	63.97
	+800		63.0	62.05	64.02
	NO 29		63.0	62.10	64.07
	+200		63.0	62.15	64.12
	+600		63.0	62.20	64.17
	NO 30		63.0	62.25	64.22
	+400		63.0	62.30	64.27
	+800		63.0	62.35	64.32
	NO 31		63.0	62.40	64.37
	+200		63.0	62.45	64.42
	+600		63.0	62.50	64.47
	NO 32		63.0	62.55	64.52
	+400		63.0	62.60	64.57
	+800		63.0	62.65	64.62
	NO 33		63.0	62.70	64.67
	+200		63.0	62.75	64.72
	+600		63.0	62.80	64.77
	NO 34		63.0	62.85	64.82
	+400		63.0	62.90	64.87
	+800		63.0	62.95	64.92
	NO 35		63.0	63.00	64.97

SCALE

HORIZONTAL

0 1000

VERTICAL

0 5

国際協力事業団

受入
月日 '84.5.30

105

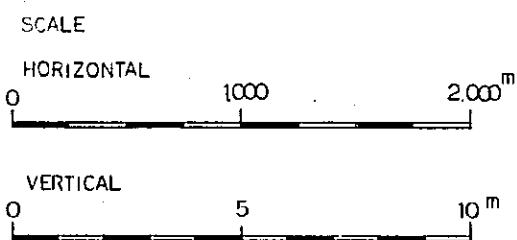
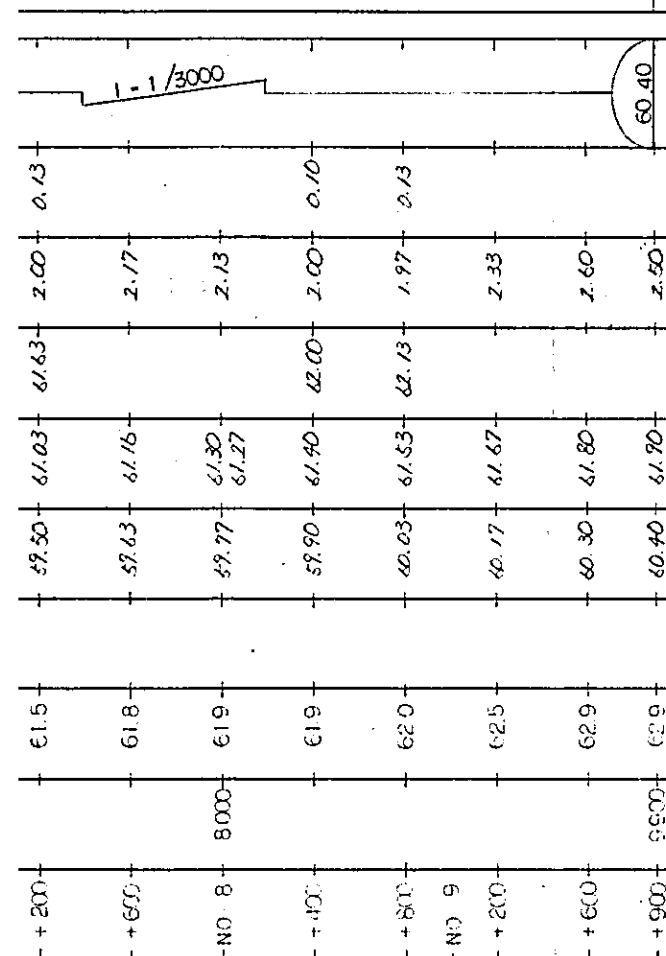
登録No. 10354

80.7
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100m

TYPE III L-1900m

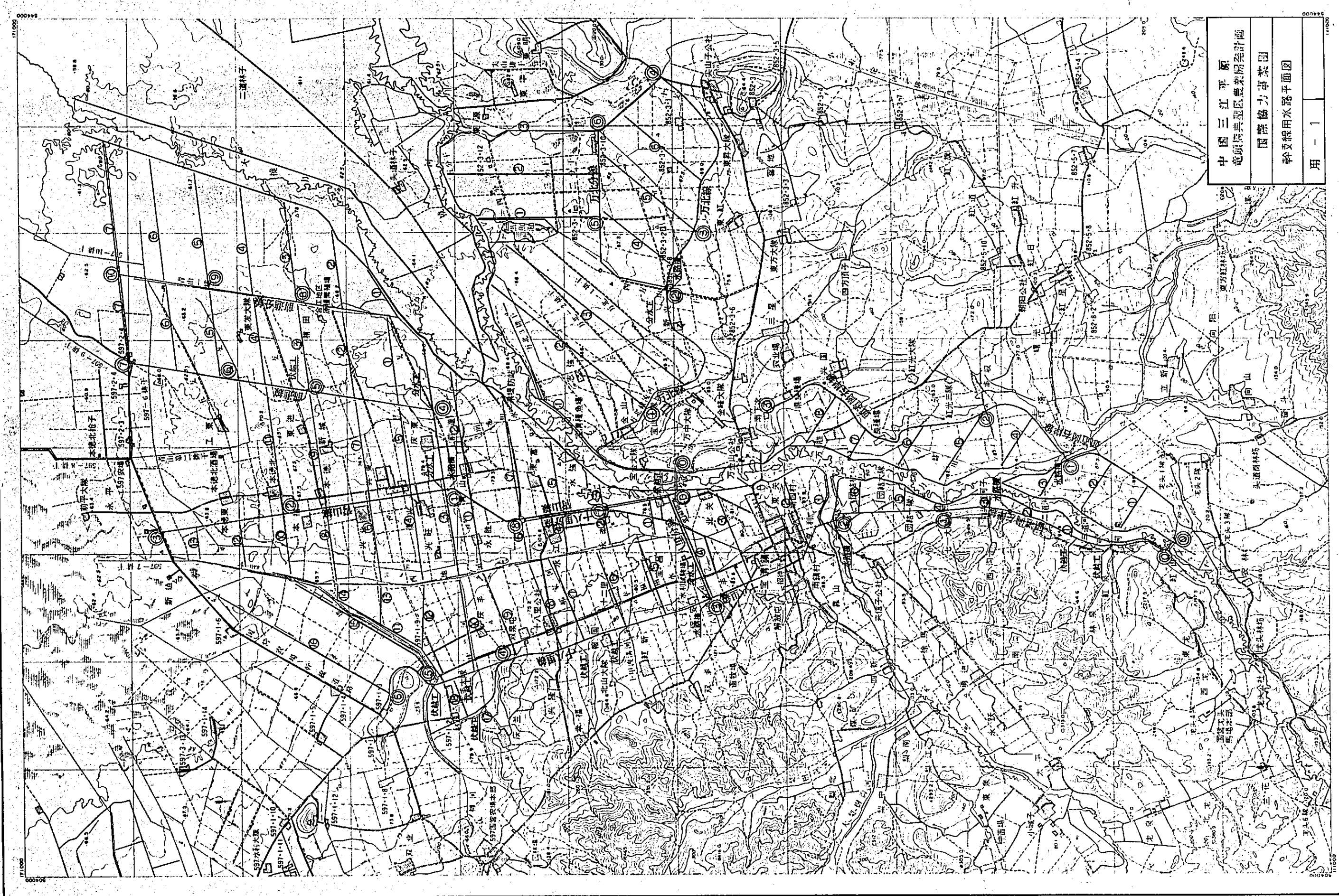
TYPE	I	II	III
Q m ³ /s	20.15	13.55	7.77
B m	12.00	7.00	3.00
D m	1.97	1.53	1.51
V m/s	0.571	0.762	0.684



国際協力事業団	
納入 月日	'84.5.30
登録No.	10354
	AFT

中国三江平原 屯河橋典型区農業開発計画
国際協力事業団
青山第2縦干
排 - 1

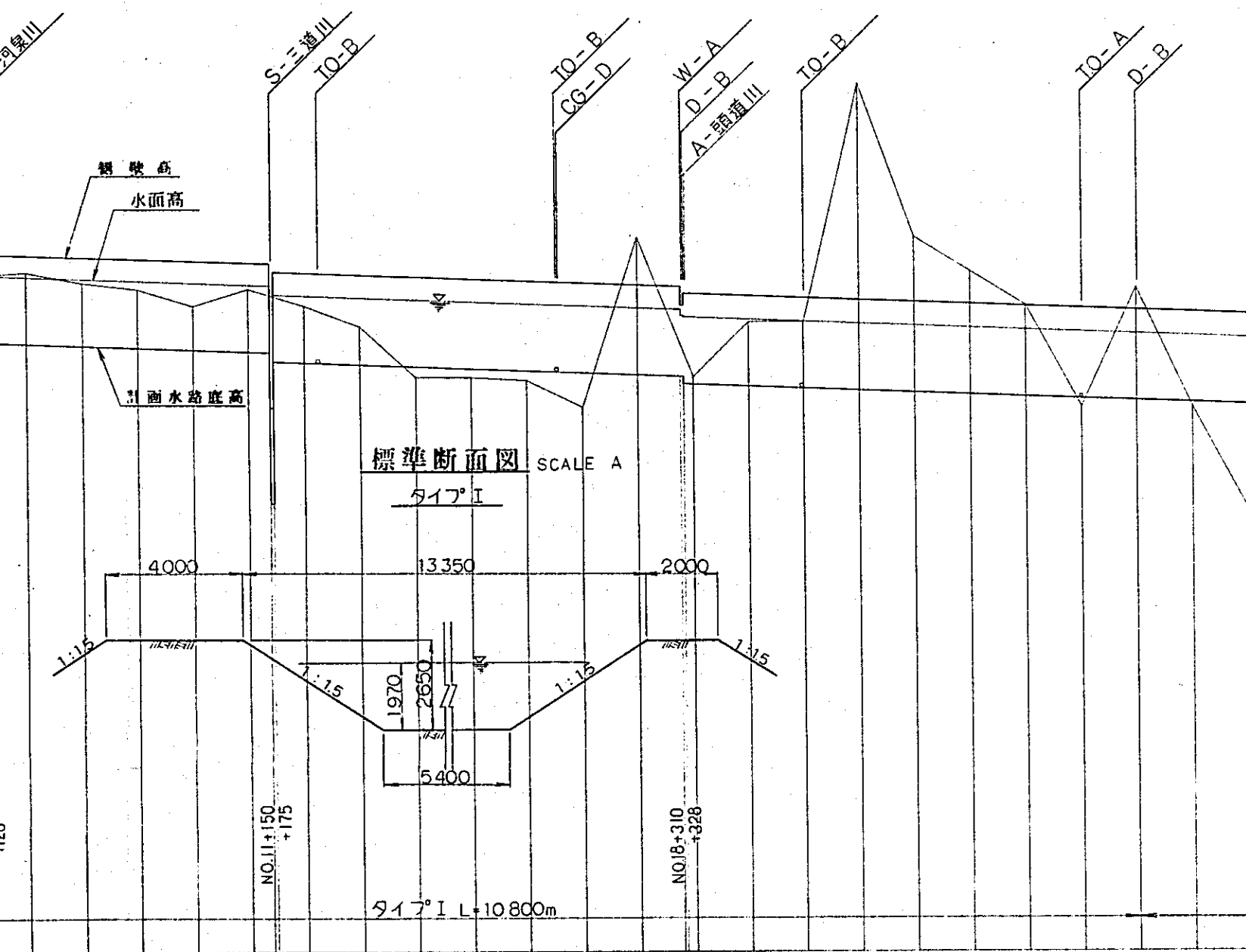
中国三江平原農業開發計画



中国三江平原
竜頭區典型区農業開發計画
国際協力事業団
幹支線用水路平面図
用 - 1

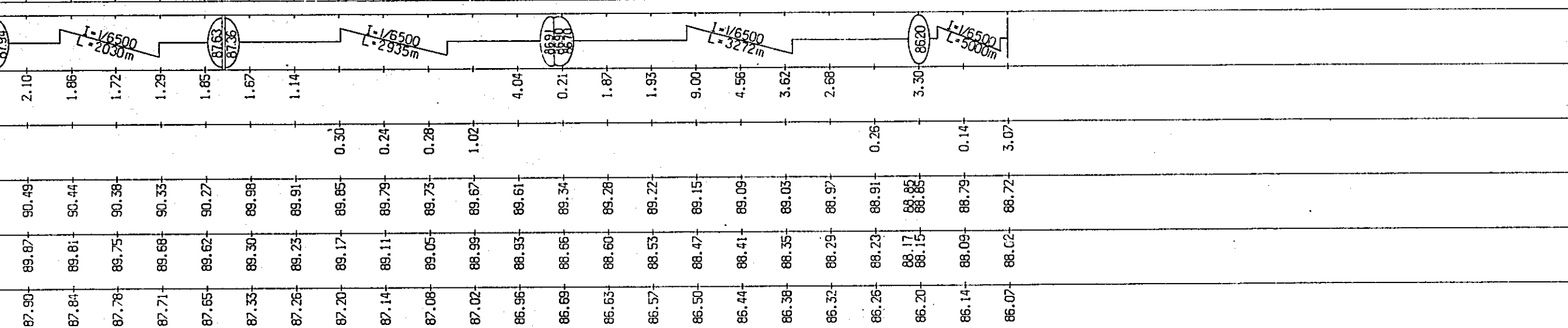
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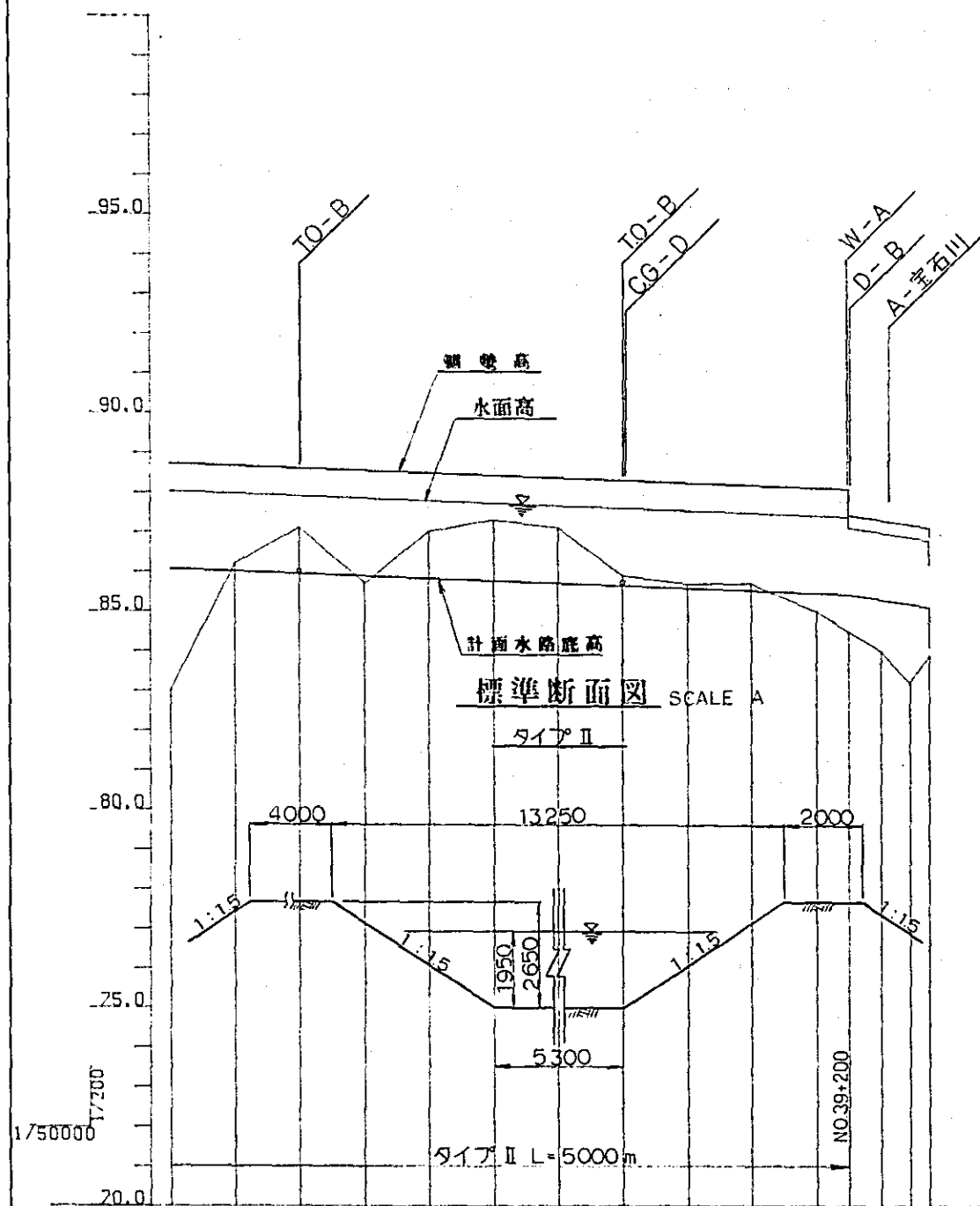
国際協力事業団
受入 '84.5.30
月日
登録No. 10354
86.7
AFT



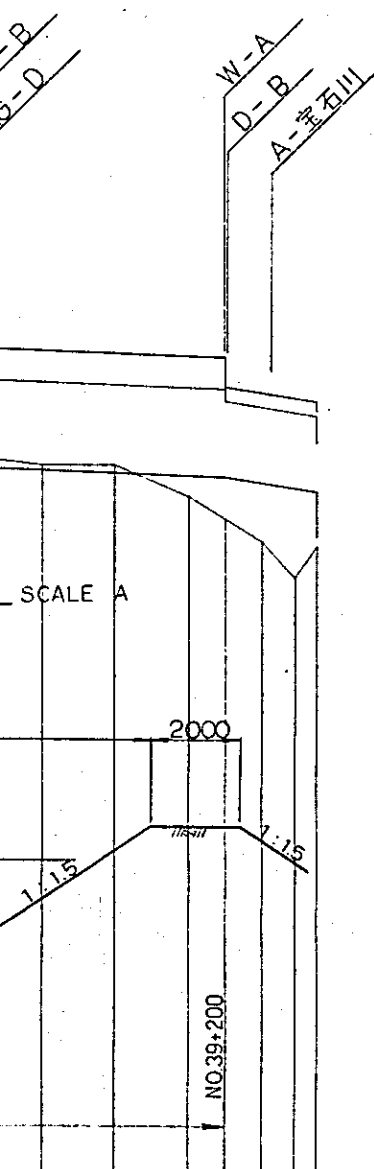
凡例

- I.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 灰余水工



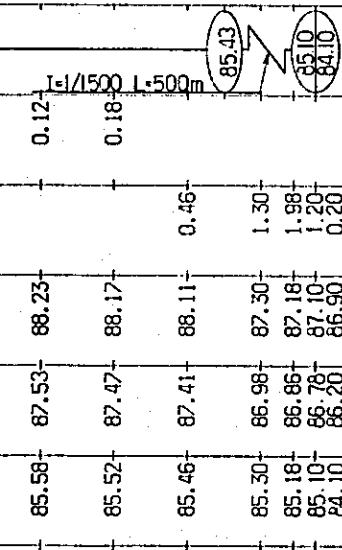


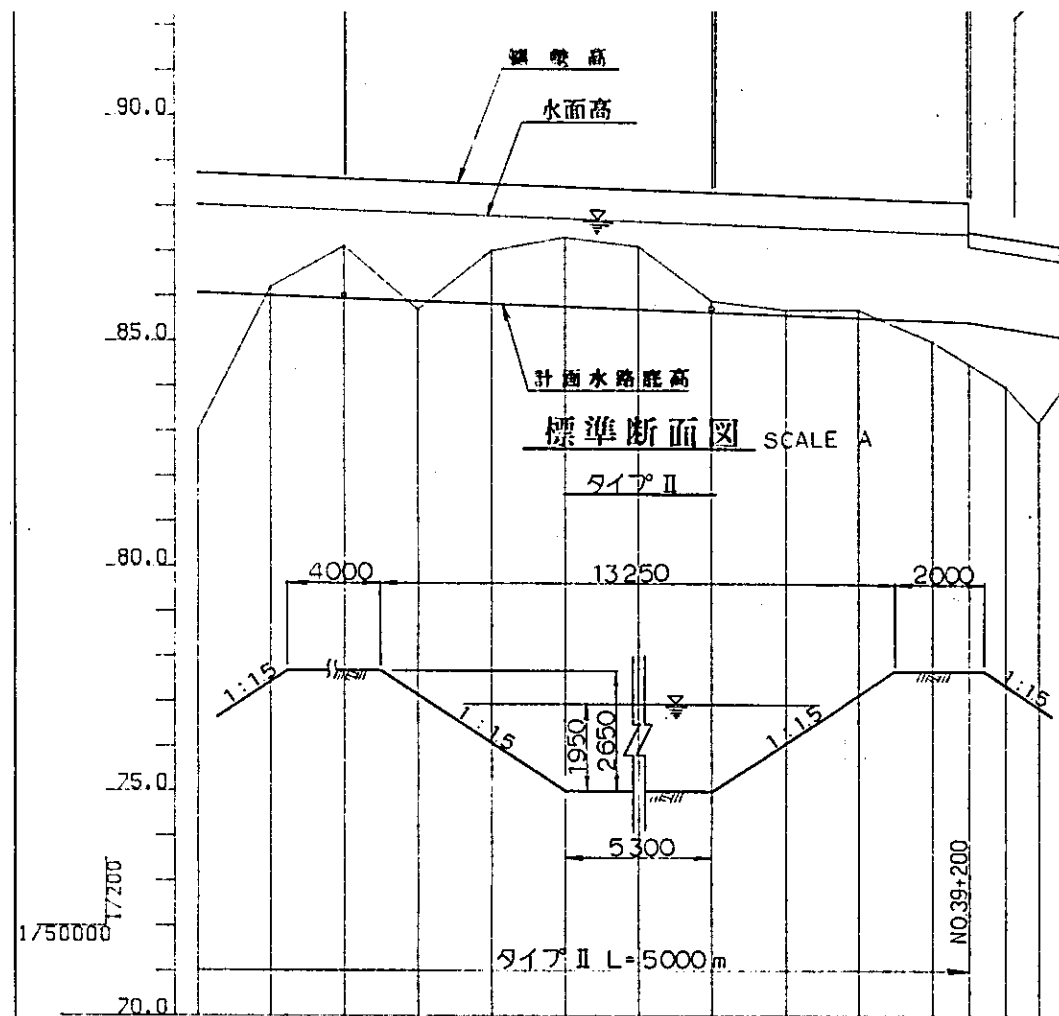
計測水底高	水面高	観望高	盛土	切土	勾配
86.07	88.02	88.72	3.07		I=1/6500 L=5000m
86.01	87.95	88.66		0.19	
85.95	87.90	88.60		1.15	
85.89	87.84	88.54	0.19		
85.83	87.78	88.48		1.17	
85.77	87.72	88.42		1.53	
85.71	87.66	88.36		1.39	
85.64	87.59	88.29		0.26	
85.58	87.53	88.23		0.12	I=1/1500 L=500m
85.52	87.47	88.17		0.18	
85.46	87.41	88.11	0.46		
85.30	86.98	87.30	1.30		
85.18	86.86	87.18	1.98		
85.10	86.78	87.10	1.20		
84.10	86.20	86.90	0.20		



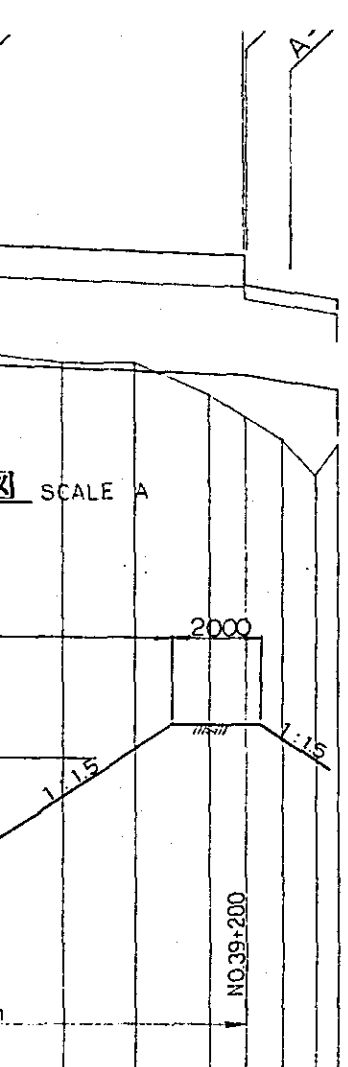
凡 例

T.O -	分水工
A -	水路橋
S -	サイホン
C.G -	水位調節ゲート
D -	落差工
W -	牧舎水工





脚点	区間距離	追加距離	地盤高	計西水路底高	水面高	鋼管高	盛土	勾配
N0.29	0.400	11.600	83.00	86.07	88.02	88.72	3.07	
N0.30	0.400	12.000	86.20	86.01	87.96	88.66		0.19
N0.31	0.400	12.400	87.10	85.95	87.90	88.60		1.15
N0.32	0.400	12.800	85.70	85.89	87.84	88.54	0.19	
N0.33	0.400	13.200	87.00	85.83	87.78	88.48		1.17
N0.34	0.400	13.600	87.30	85.77	87.72	88.42		1.53
N0.35	0.400	14.000	87.10	85.71	87.66	88.36		1.39
N0.36	0.400	14.400	85.90	85.64	87.59	88.29		0.26
N0.37	0.400	14.800	85.70	85.58	87.53	88.23		0.12
N0.38	0.400	15.200	85.70	85.52	87.47	88.17		0.18
N0.39	0.400	15.600	85.00	85.46	87.41	88.11	0.46	
N0.40	0.400	16.000	84.00	85.30	86.98	87.30	1.30	
+180	0.180	16.180	83.20	85.18	86.86	87.18	1.98	
+300	0.120	16.300	83.90	85.10	86.78	87.10	1.20	
				84.10	86.20	86.90	0.20	

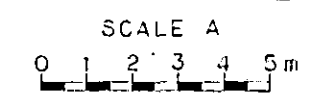


凡 例

- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲ-+
- D - 落 差 工
- W - 放余水工



国際協力事業団		
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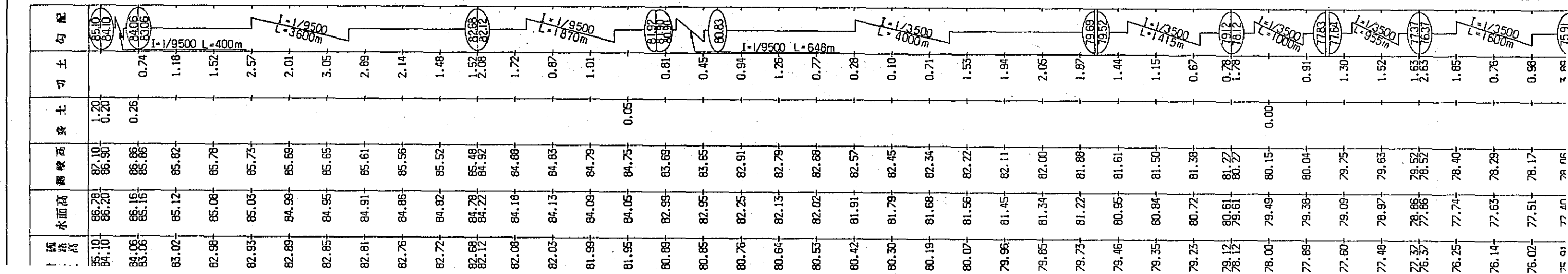
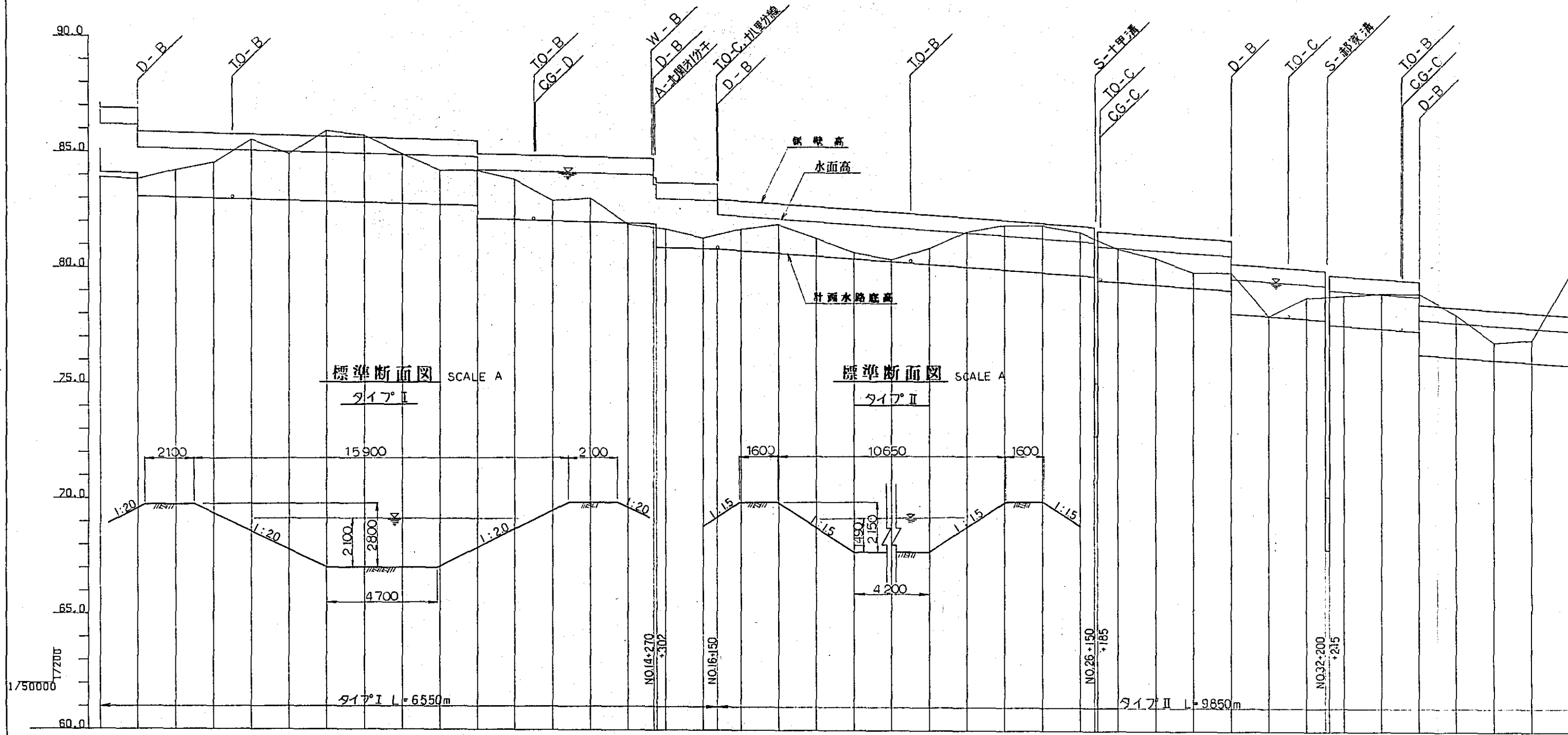


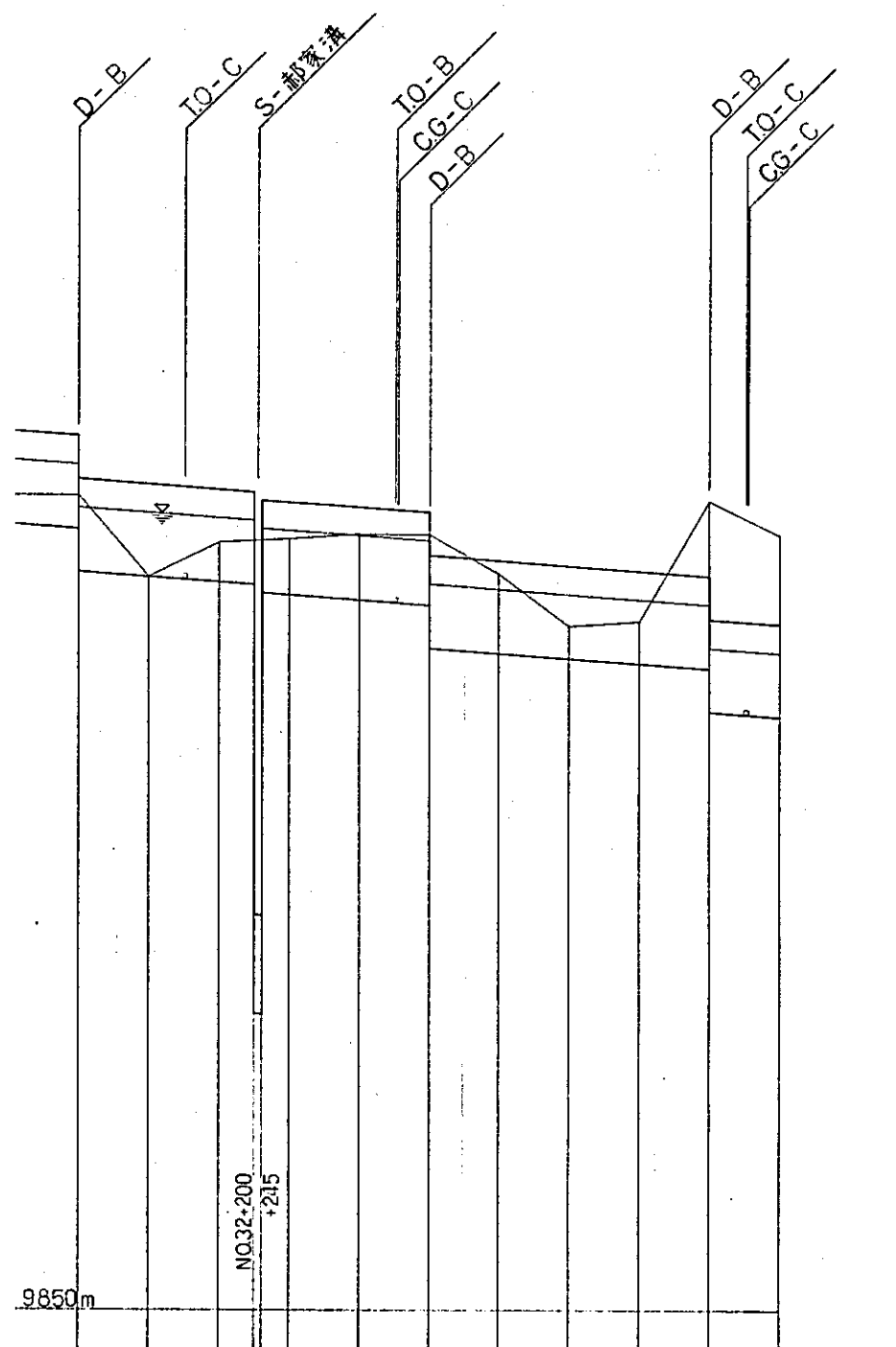
中国三江平原
竜頭橋典型区農業開発計画

国際協力事業団

幹線用水路
頭道崗左岸線 (その2)

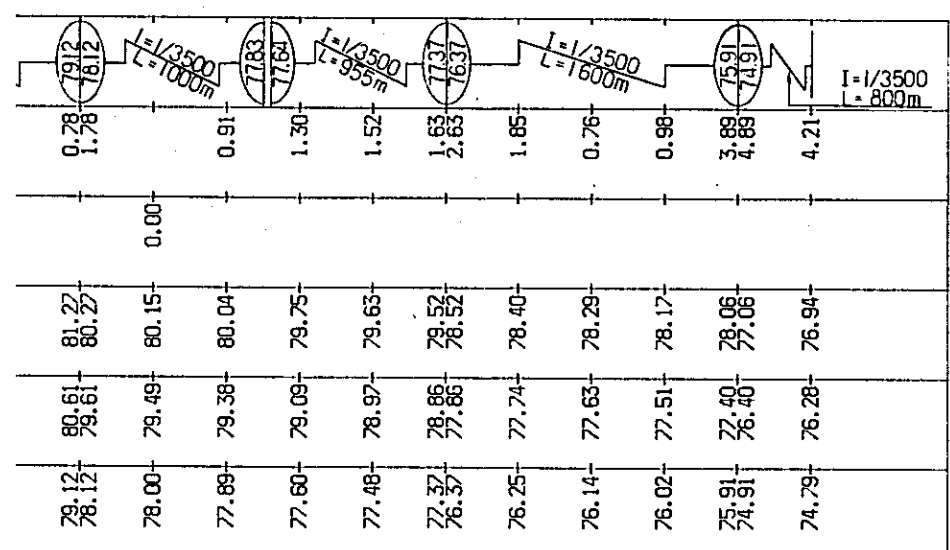
用 - 3





凡 例

- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 放余水工

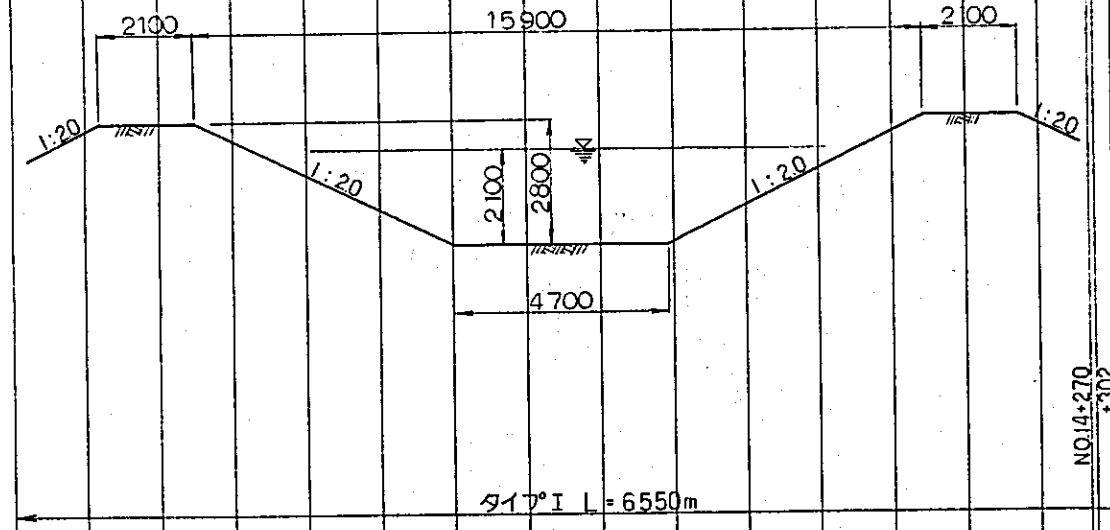


1/50000

80.0
75.0
70.0
65.0
60.0

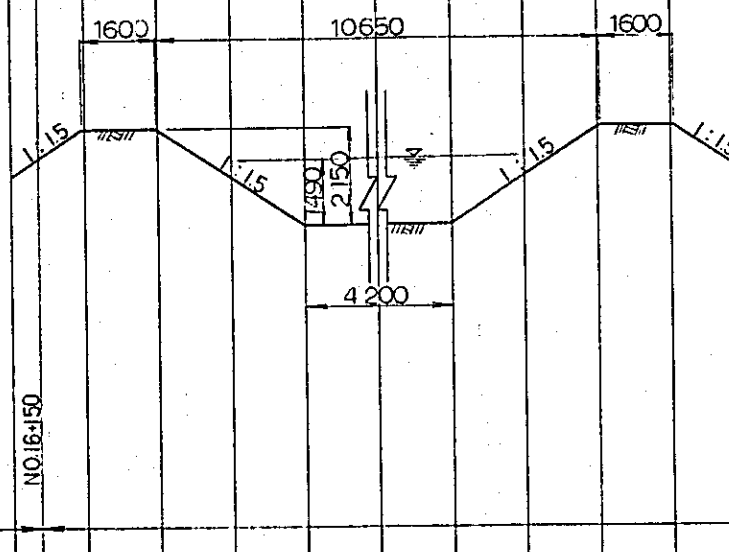
標準断面図 SCALE A

タイプ I

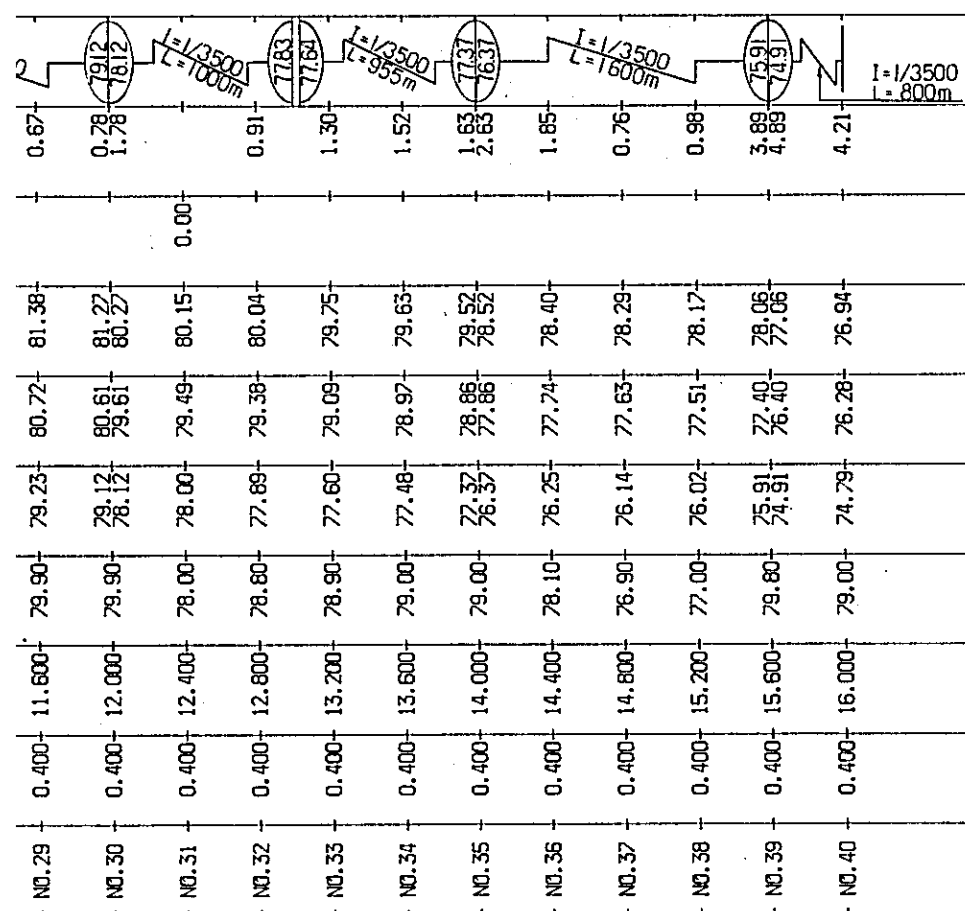
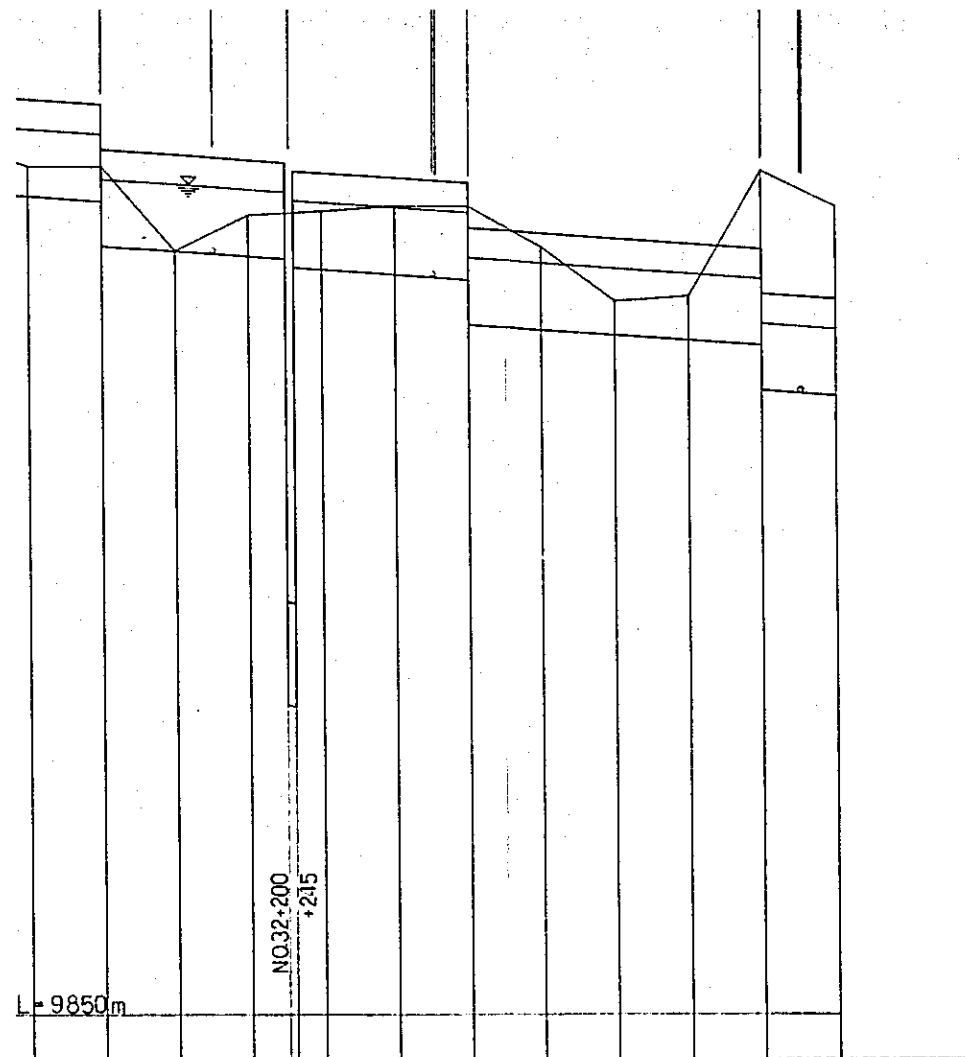


標準断面図 SCALE A

タイプ II



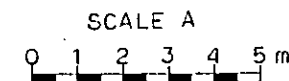
測区	区間	計測距離	地盤高	計測水路底高	水面高	調整高	切土	勾配
NO.0	0.000+	0.000+	85.90	85.10	86.78	87.10	1.20	85.10 84.10
NO.1	0.400+	0.400+	83.80	84.06	86.16	86.86	0.26	84.06 83.06
NO.2	0.400+	0.800+	84.20	83.02	85.12	85.82	1.18	
NO.3	0.400+	1.200+	84.50	82.98	85.08	85.78	1.52	
NO.4	0.400+	1.600+	85.50	82.93	85.03	85.73	2.57	
NO.5	0.400+	2.000+	84.90	82.89	84.99	85.69	2.01	
NO.6	0.400+	2.400+	85.90	82.85	84.95	85.65	3.05	
NO.7	0.400+	2.800+	85.70	82.81	84.91	85.61	2.89	
NO.8	0.400+	3.200+	84.90	82.76	84.86	85.56	2.14	
NO.9	0.400+	3.600+	84.20	82.72	84.82	85.52	1.48	
NO.10	0.400+	4.000+	84.20	82.68	84.78	85.48	1.52	82.68 82.12
NO.11	0.400+	4.400+	83.80	82.08	84.18	84.88	1.72	
NO.12	0.400+	4.800+	82.90	82.03	84.13	84.83	0.87	
NO.13	0.400+	5.200+	83.00	81.99	84.09	84.79	1.01	
NO.14	0.400+	5.600+	81.90	81.95	84.05	84.75	0.05	
NO.15	0.400+	6.000+	81.70	80.89	82.99	83.69	0.81	81.90 80.81
NO.16	0.400+	6.400+	81.30	80.85	82.95	83.65	0.45	80.83
NO.17	0.400+	6.800+	81.70	80.76	82.75	82.91	0.94	
NO.18	0.400+	7.200+	81.90	80.64	82.13	82.79	1.26	
NO.19	0.400+	7.600+	81.30	80.53	82.02	82.68	0.77	
NO.20	0.400+	8.000+	80.70	80.42	81.91	82.57	0.28	
NO.21	0.400+	8.400+	80.40	80.30	81.79	82.45	0.10	
NO.22	0.400+	8.800+	80.90	80.19	81.68	82.34	0.71	
NO.23	0.400+	9.200+	81.60	80.07	81.56	82.22	1.53	
NO.24	0.400+	9.600+	81.90	79.96	81.45	82.11	1.94	
NO.25	0.400+	10.000+	81.90	79.85	81.34	82.00	2.05	
NO.26	0.400+	10.400+	81.60	79.73	81.22	81.88	1.87	79.69 79.52
NO.27	0.400+	10.800+	80.90	79.46	80.95	81.61	1.44	
NO.28	0.400+	11.200+	80.50	79.35	80.84	81.50	1.15	
NO.29	0.400+	11.600+	79.90	79.23	80.72	81.38	0.67	
NO.30	0.400+	12.000+	79.90	79.12	80.61	81.27	0.78	79.12 78.12
NO.31	0.400+	12.400+	78.00	78.00	79.49	80.15	0.00	
NO.32	0.400+	12.800+	78.80	77.89	79.38	80.04	0.91	77.83 77.63
NO.33	0.400+	13.200+	78.90	77.60	78.09	79.75	1.30	
NO.34	0.400+	13.600+	79.00	77.48	78.97	79.63	1.52	
NO.35	0.400+	14.000+	79.00	77.37	78.86	79.52	1.63	77.31 76.31
NO.36	0.400+	14.400+	78.10	76.25	77.74	78.40	1.85	
NO.37	0.400+	14.800+	76.90	76.14	77.63	78.29	0.76	
NO.38	0.400+	15.200+	77.00	76.02	77.51	78.17	0.98	
NO.39	0.400+	15.600+	79.80	75.91	77.40	78.06	3.89	75.91 74.91
NO.40	0.400+	16.000+	79.00	74.79	76.28	76.94	4.21	



凡例

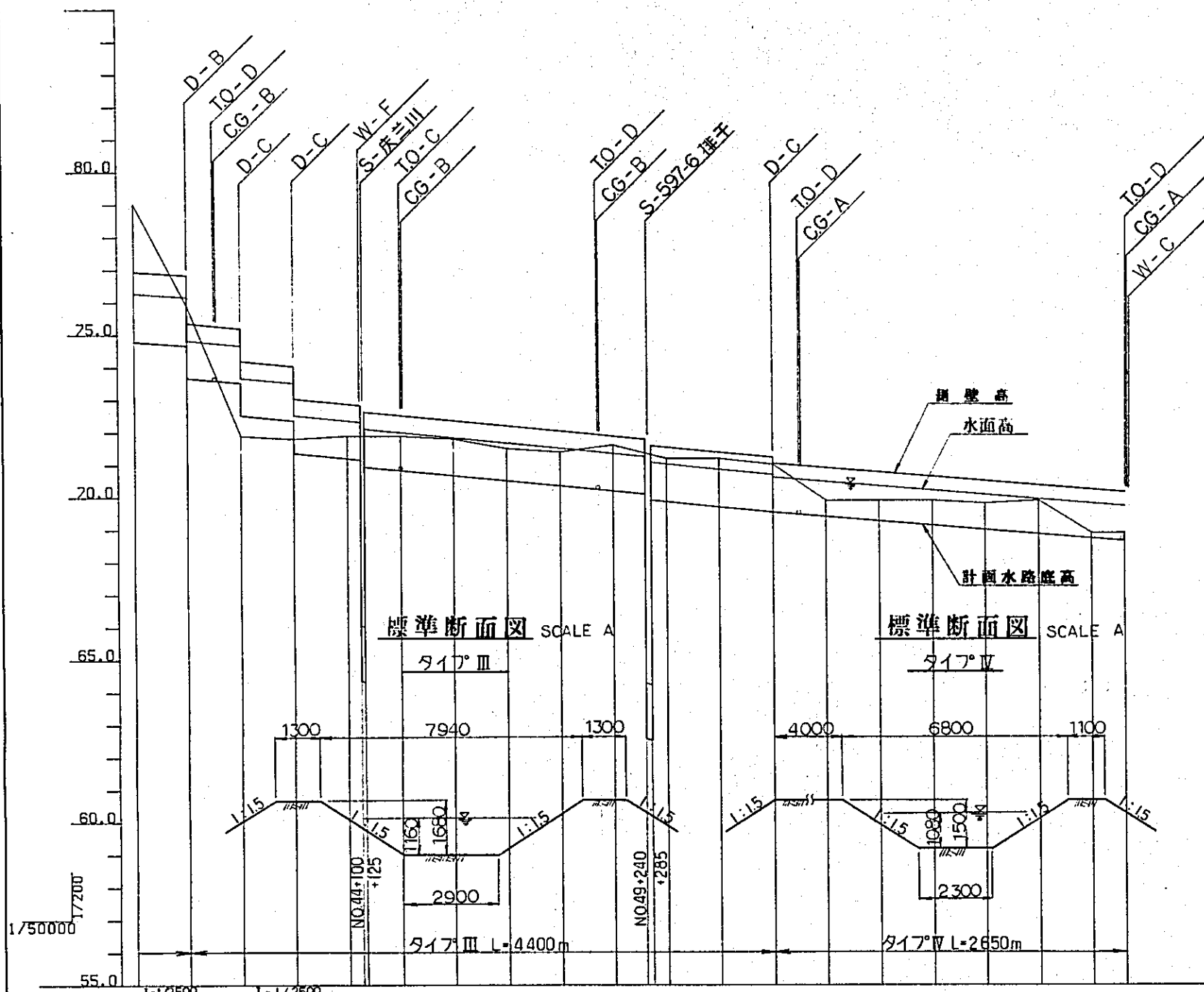
- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 放余水工

国際協力事業団	
受入 月日	'84.5.30
登録No.	10354
	AFT

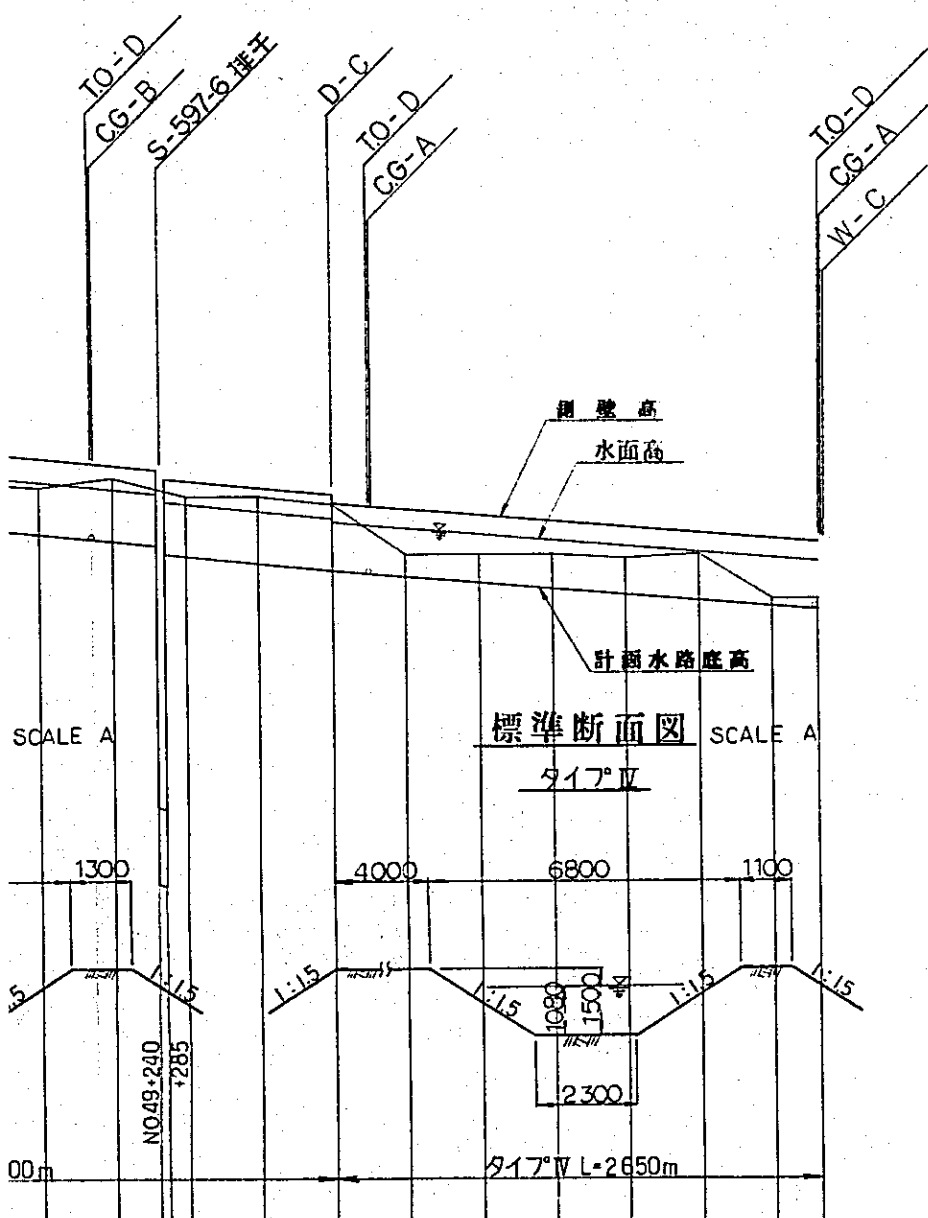


中国三江平原
竜頭橋典型区農業開発計画

国際協力事業団
幹線用水路
十八里線横断面図(その1)

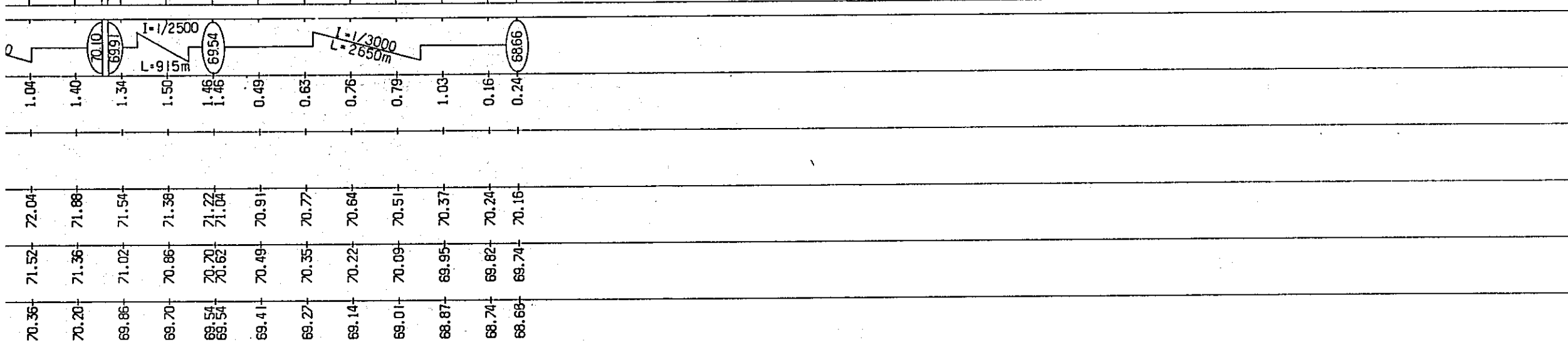


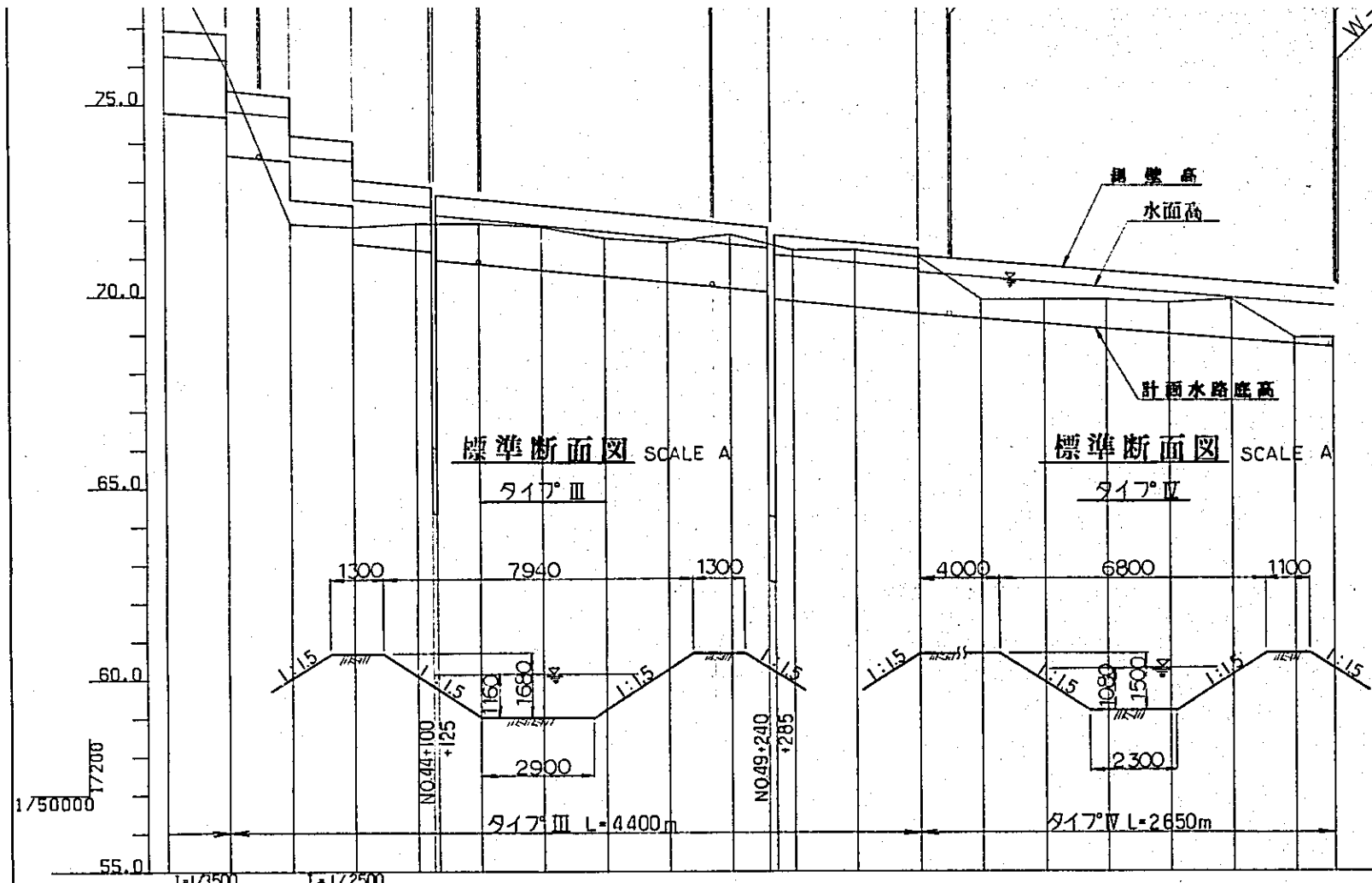
計水路底高	水面高	側壁高	土量	切土	勾配
74.79	76.28	76.94		4.21	I=1/3500
74.68	76.17	76.83		1.22	I=1/2500
73.68	74.84	75.36		2.22	I=1/2500
73.52	74.68	75.20	1.62		I=1/2500
72.52	73.68	74.20	0.66		I=1/2500
72.35	72.52	73.04		0.44	I=1/2500
71.36	72.52	73.04		0.70	I=1/2500
71.20	72.36	72.88		0.70	I=1/2500
70.84	72.00	72.52		1.06	I=1/2500
70.68	71.84	72.36		1.12	I=1/2500
70.52	71.68	72.20		0.98	I=1/2500
70.36	71.52	72.04		1.04	I=1/2500
70.20	71.36	71.88		1.40	I=1/2500
69.86	71.02	71.54		1.34	I=1/2500
69.70	70.86	71.38		1.50	I=1/2500
69.54	70.70	71.22		1.46	I=1/2500
69.41	70.54	71.06		0.49	I=1/2500
69.27	70.38	70.90		0.63	I=1/2500
69.14	70.22	70.74		0.76	I=1/2500
69.01	70.06	70.58		0.79	I=1/2500
68.87	69.90	70.42		1.03	I=1/2500
68.74	69.74	70.26		0.16	I=1/2500
68.60	69.58	70.10		0.24	I=1/2500



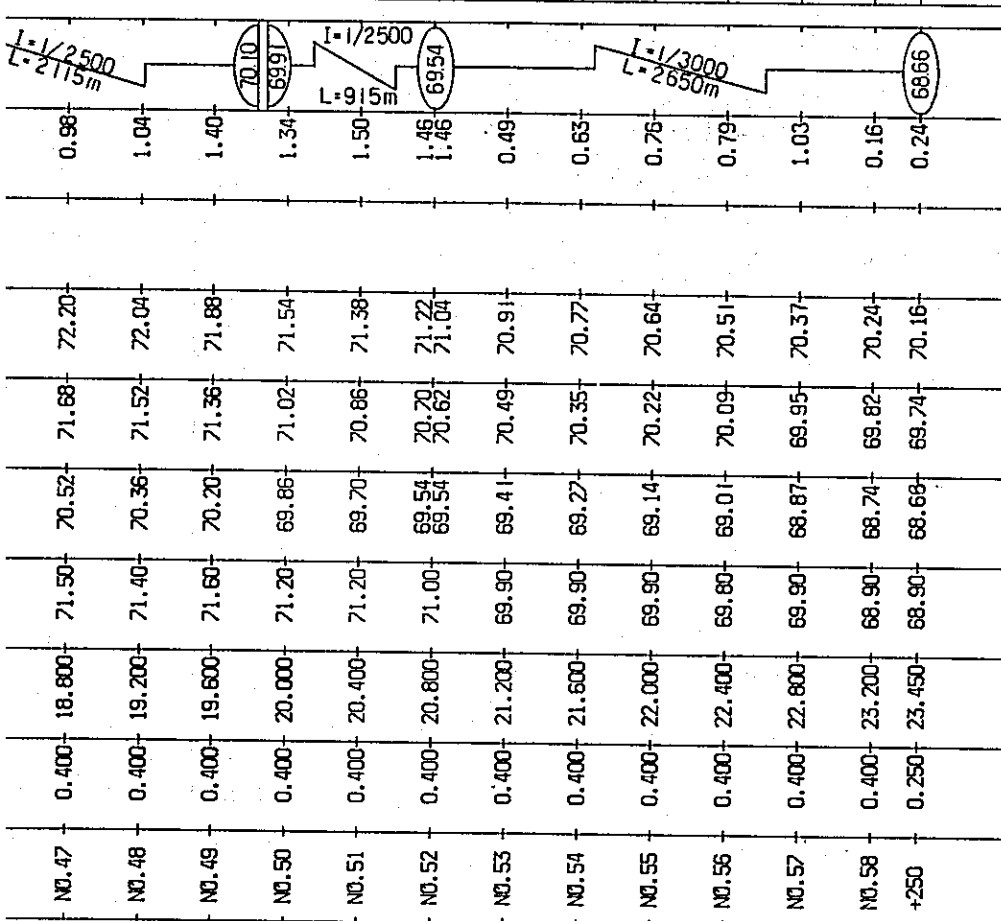
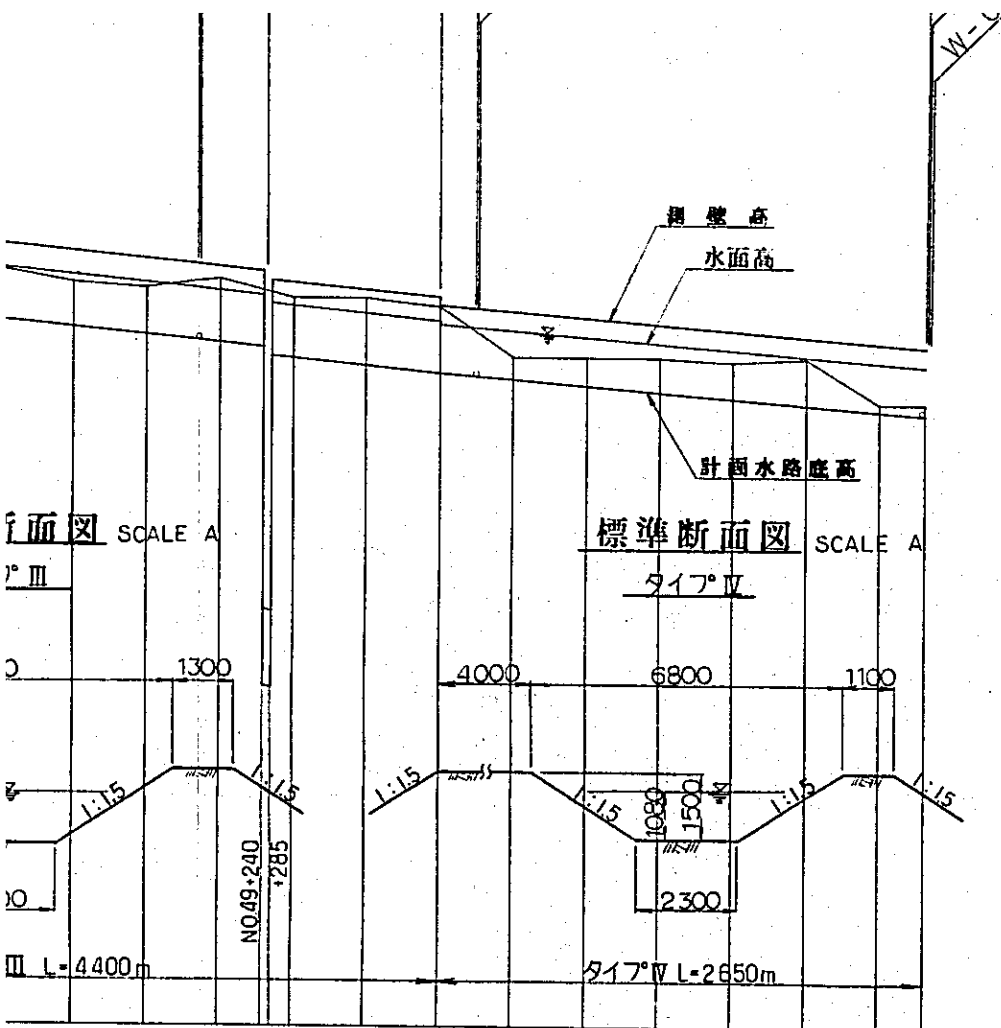
凡例

T.O -	分水工
A -	水路橋
S -	サイホン
C.G -	水位調節ゲート
D -	落差工
W -	板余水工





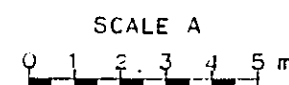
河点	区間距離	累積距離	地盤高	計画水路底高	水面高	側壁高	盛土	切土	勾配
N0.40	0.400	16.000	79.00	74.79	76.28	76.94		4.21	1:1/3500
N0.41	0.400	16.400	75.90	74.68	76.17	76.83		1.22	1:1/3500
N0.42	0.400	16.800	71.90	73.52	74.68	75.36	1.62	2.22	1:1/3500
N0.43	0.400	17.200	71.80	72.36	73.52	74.20	0.56	0.44	1:1/2500
N0.44	0.400	17.600	71.90	71.20	72.36	72.88		0.70	1:1/2500
N0.45	0.400	18.000	71.90	70.84	72.00	72.52		1.06	1:1/2500
N0.46	0.400	18.400	71.80	70.68	71.84	72.36		1.12	1:1/2500
N0.47	0.400	18.800	71.50	70.52	71.68	72.20		0.98	1:1/2500
N0.48	0.400	19.200	71.40	70.36	71.52	72.04		1.04	1:1/2500
N0.49	0.400	19.600	71.60	70.20	71.36	71.88		1.40	1:1/2500
N0.50	0.400	20.000	71.20	69.86	71.02	71.54		1.34	1:1/2500
N0.51	0.400	20.400	71.20	69.70	70.86	71.38		1.50	1:1/2500
N0.52	0.400	20.800	71.00	69.54	70.70	71.22		1.46	1:1/2500
N0.53	0.400	21.200	69.90	69.41	70.49	70.91		0.49	1:1/3000
N0.54	0.400	21.600	69.90	69.27	70.35	70.77		0.63	1:1/3000
N0.55	0.400	22.000	69.90	69.14	70.22	70.64		0.76	1:1/3000
N0.56	0.400	22.400	69.80	69.01	70.09	70.51		0.79	1:1/3000
N0.57	0.400	22.800	69.90	68.87	69.95	70.37		1.03	1:1/3000
N0.58	0.400	23.200	68.90	68.74	69.82	70.24		0.16	1:1/3000
+250	0.250	23.450	68.90	68.68	69.74	70.16		0.24	1:1/3000



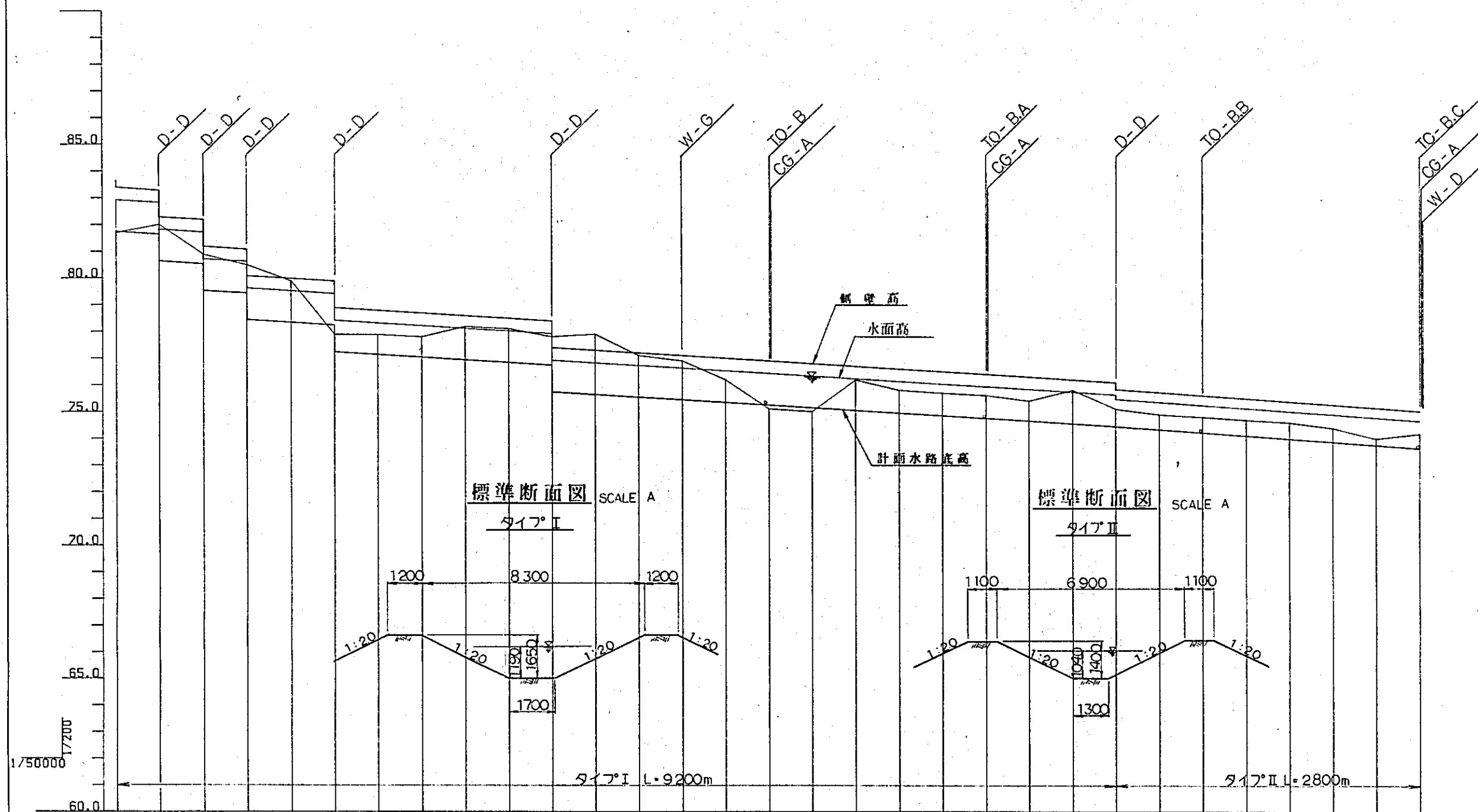
凡例

- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 板余水工

国際協力事業団	
受入 月日	'84.5.30 105
登録No.	10354 807
	AFT



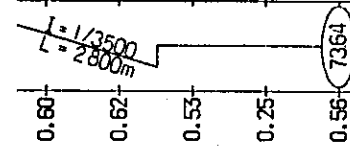
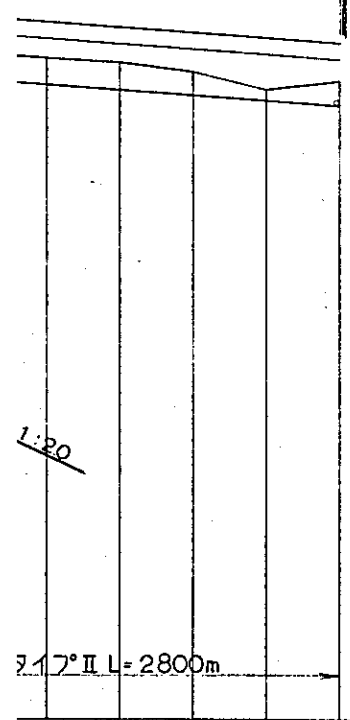
中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
幹線用水路 十八里線縦断面図(その2)	
用 - 5	



計測水路底高	水面高	側壁高	盛土	切土	勾配
80.83	82.83	83.63	0.04	0.87	1/4000 L=400m
81.74	82.95	83.59		0.36	1/4000 L=800m
81.64	82.83	83.29		1.36	
80.64	81.83	82.29		0.36	
80.54	81.73	82.19		1.36	
79.54	80.73	81.19		1.06	
78.44	80.63	80.09		2.06	
78.34	79.53	79.99		1.56	
78.24	79.43	79.89	0.34	0.86	
77.24	78.43	78.89		0.76	
77.14	78.33	78.79		0.76	
77.04	78.23	78.69		1.26	
76.94	78.13	78.59		1.26	
76.84	78.03	78.49		1.06	
76.74	77.93	78.39		2.06	
75.74	76.93	77.39		2.26	
75.64	76.83	77.29		1.56	
75.54	76.73	77.19		1.46	
75.44	76.63	77.09		0.86	
75.34	76.53	76.99		0.14	
75.24	76.43	76.89	0.14	1.16	
75.14	76.33	76.79		0.86	
75.04	76.23	76.69		0.86	
74.94	76.13	76.59		0.86	
74.84	76.03	76.49		0.86	
74.74	75.93	76.39		0.76	
74.64	75.83	76.29		1.26	
74.54	75.73	76.19		0.86	
74.44	75.63	76.09		0.86	
74.34	75.53	75.99		0.57	
74.24	75.43	75.89		0.59	
74.14	75.33	75.79		0.60	
74.04	75.23	75.69		0.62	
73.94	75.13	75.59		0.53	
73.84	75.03	75.49		0.25	
73.74	74.93	75.39		0.56	
73.64	74.83	75.29		0.56	

B.B

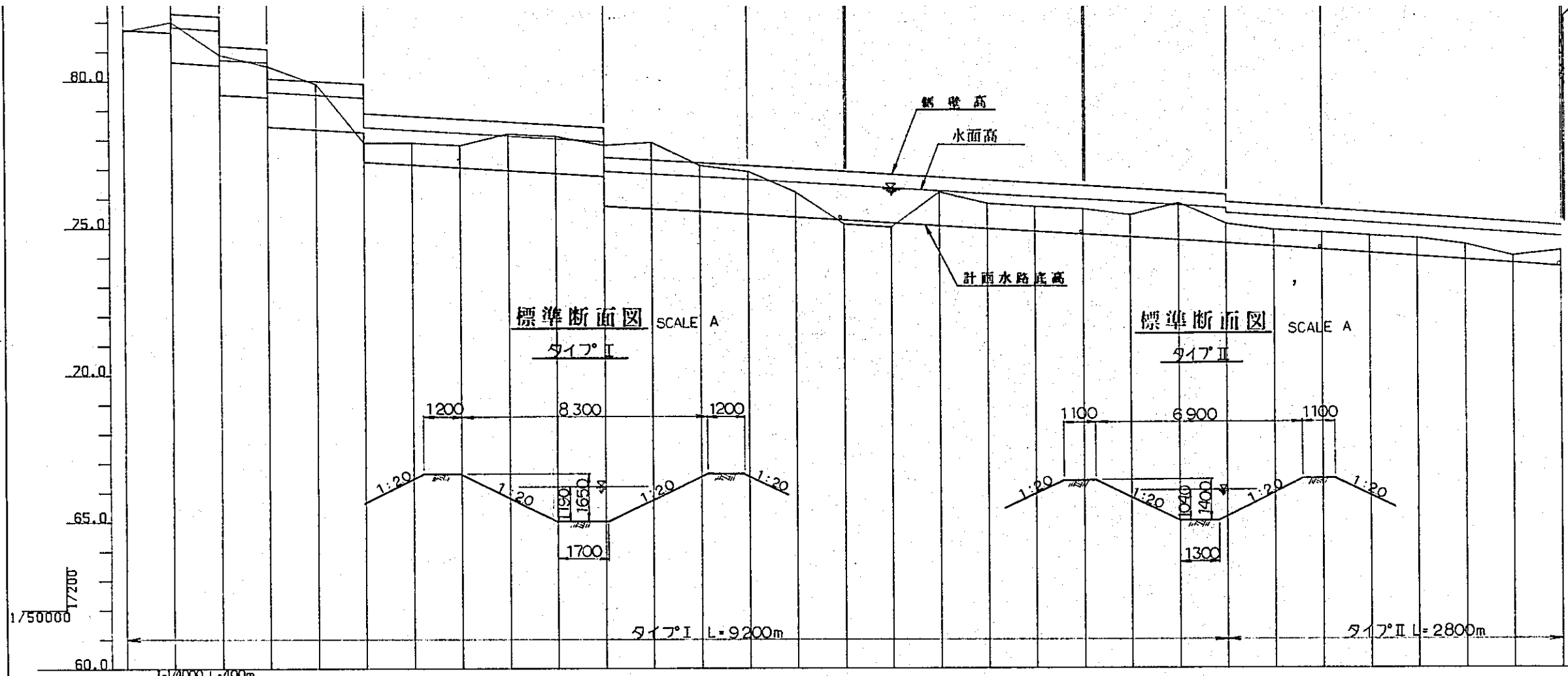
TO-B.C
CG-A
W-D



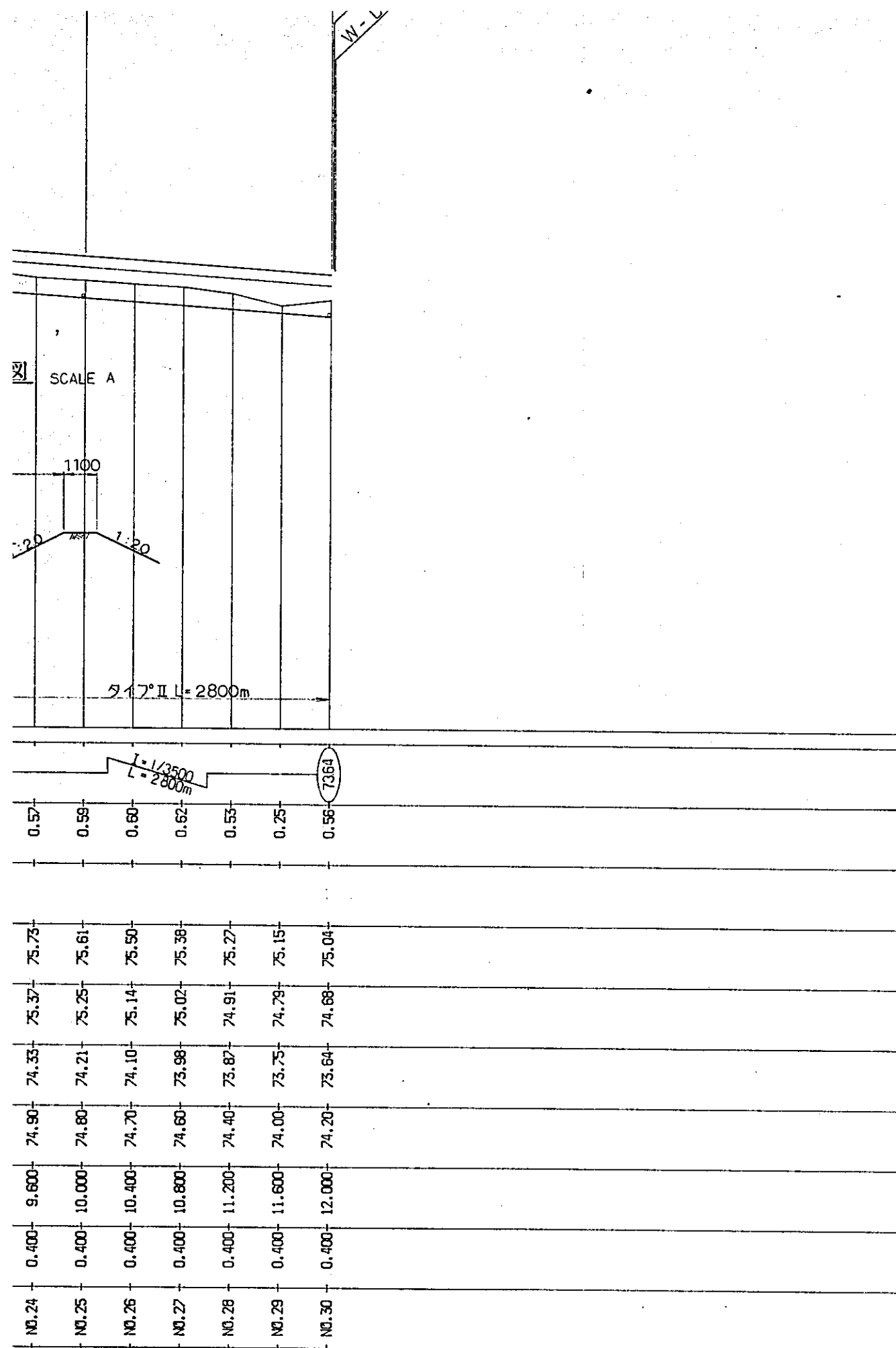
74.10	75.14	75.50
73.98	75.02	75.38
73.87	74.91	75.27
73.75	74.79	75.15
73.64	74.68	75.04

凡 例

- T.O - 分 水 工
- A - 水 路 橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落 差 工
- W - 坂 系 水 工



測点	区間距離	加算距離	地盤高	計水路底高	水面高	側壁高	盛土	切土	勾配
N0.0	0.000	0.000	81.70	80.83 81.74	82.83 82.95	83.63 83.99	0.04	0.87	1/4000 L=800m
N0.1	0.400	0.400	82.00	81.64 80.64	82.83 81.83	83.29 82.29		0.36 1.36	1/4000 L=400m
N0.2	0.400	0.800	80.90	80.54 79.54	81.73 80.73	82.19 81.19		0.36 1.36	1/4000 L=400m
N0.3	0.400	1.200	80.50	79.44 78.44	80.63 79.63	81.09 80.09		1.06 2.06	1/4000 L=800m
N0.4	0.400	1.600	79.90	78.34	79.53	79.99	0.34	1.56	1/4000 L=2000m
N0.5	0.400	2.000	77.90	77.24 77.24	78.43 78.43	78.89 78.89		0.66	
N0.6	0.400	2.400	77.90	77.14	78.33	78.79		0.76	
N0.7	0.400	2.800	77.80	77.04	78.23	78.69		0.76	
N0.8	0.400	3.200	78.20	76.94	78.13	78.59		1.26	
N0.9	0.400	3.600	78.10	76.84	78.03	77.49		1.26	
N0.10	0.400	4.000	77.80	76.74 75.74	77.93 76.93	78.39 77.39		1.06 2.06	
N0.11	0.400	4.400	77.90	75.64	76.83	77.29		2.26	
N0.12	0.400	4.800	77.10	75.54	76.73	77.19		1.56	
N0.13	0.400	5.200	76.90	75.44	76.63	77.09		1.46	
N0.14	0.400	5.600	77.20	75.34	76.53	76.99		0.86	
N0.15	0.400	6.000	75.10	75.24	76.43	76.89	0.14		1/4000 L=5200m
N0.16	0.400	6.400	75.00	75.14	76.33	76.79	0.14		
0.17	0.400	6.800	76.20	75.04	76.23	76.69		1.16	
N0.18	0.400	7.200	75.80	74.94	76.13	76.59		0.86	
N0.19	0.400	7.600	75.70	74.84	76.03	76.49		0.86	
N0.20	0.400	8.000	75.60	74.74	75.93	76.39		0.86	
N0.21	0.400	8.400	75.40	74.64	75.83	76.29		0.76	
N0.22	0.400	8.800	75.80	74.54	75.73	76.19		1.26	
N0.23	0.400	9.200	75.10	74.44 74.44	75.63 75.63	76.09 75.89		0.86 0.86	1/3500 L=2800m
N0.24	0.400	9.600	74.90	74.33	75.37	75.73		0.57	
N0.25	0.400	10.000	74.80	74.21	75.25	75.61		0.59	
N0.26	0.400	10.400	74.70	74.10	75.14	75.50		0.60	
N0.27	0.400	10.800	74.60	73.99	75.02	75.39		0.62	
N0.28	0.400	11.200	74.40	73.87	74.91	75.27		0.53	
N0.29	0.400	11.600	74.00	73.75	74.79	75.15		0.25	
N0.30	0.400	12.000	74.20	73.64	74.68	75.04		0.56	



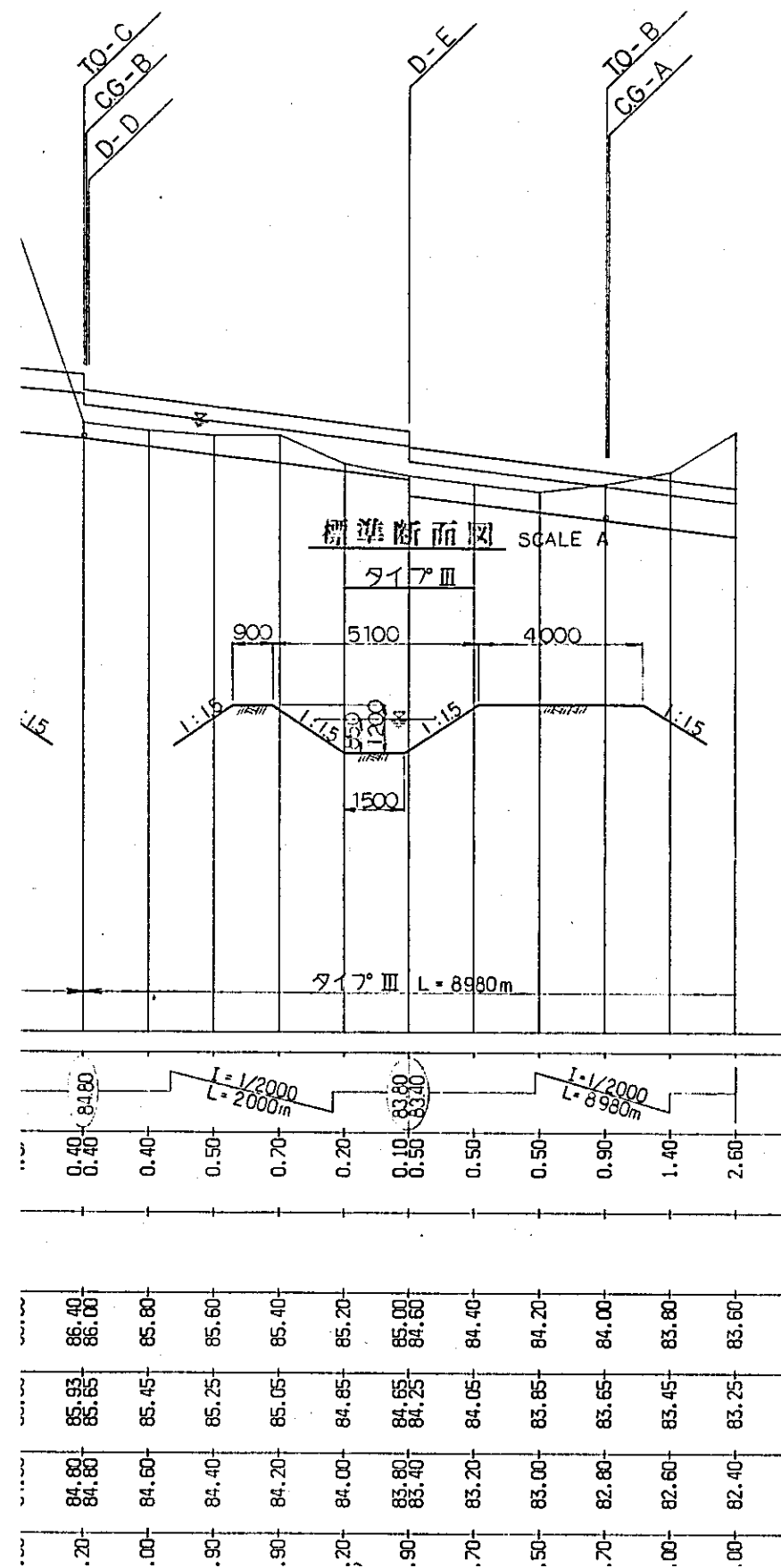
凡例

- I.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 坂東水工

国際協力事業団	
受入 月日	'84. 5. 30
登録No.	10354
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SCALE A
0 1 2 3 4 5 m

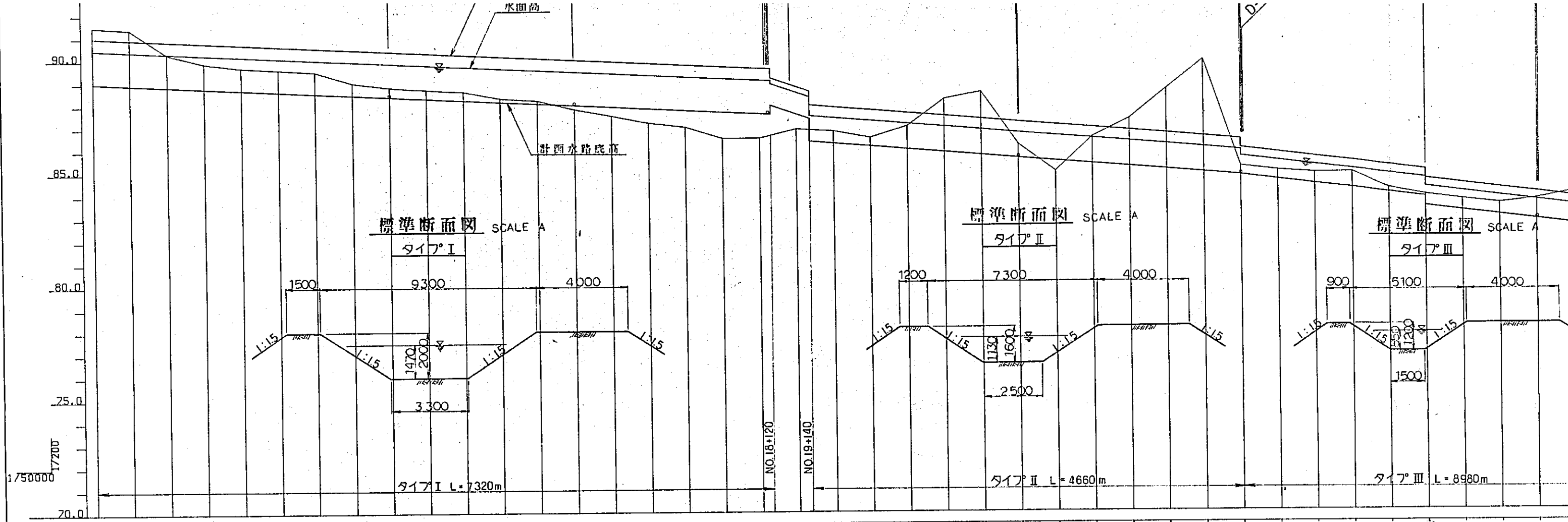
中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
幹線用水路 十八里分線 縦断面図	
用 - 6	



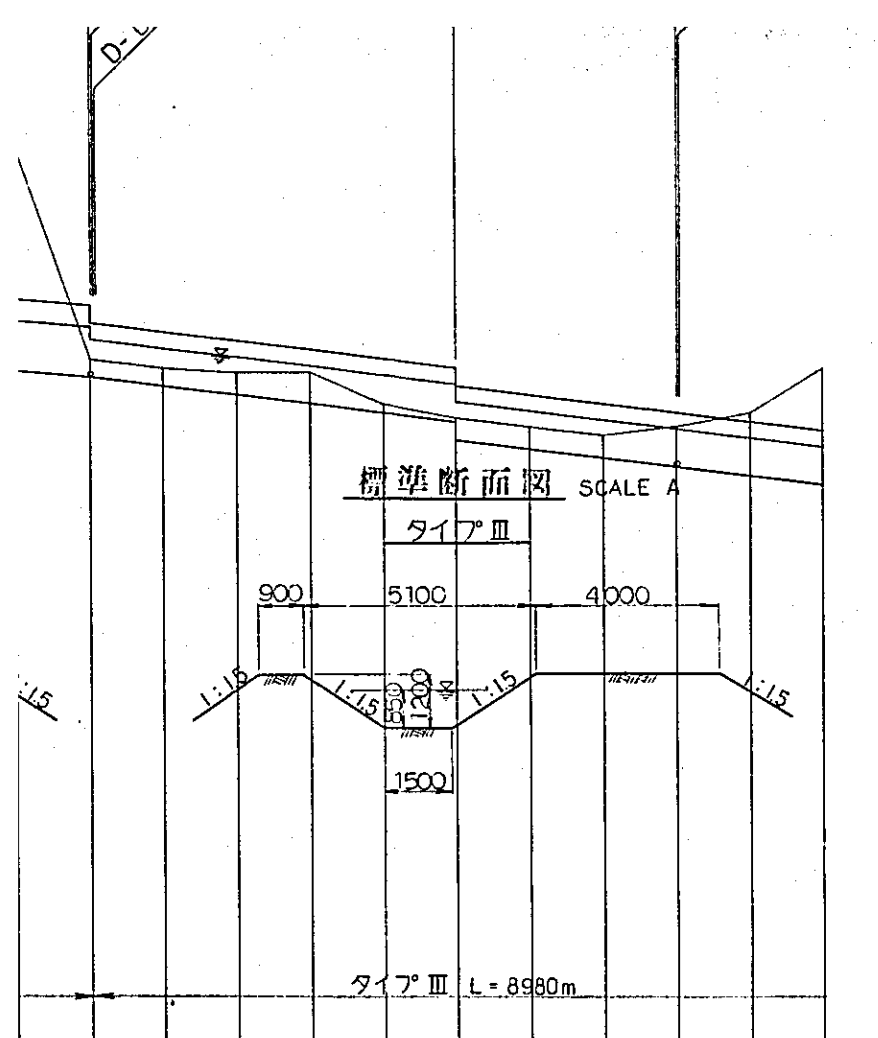
凡例

I.O	分水工
A	水路橋
S	サイホン
C.G	水位調節ゲート
D	落差工
W	灰余水工

国際協力事業団	
記入 月日	'84.5.30 105
登録No.	10354 807
	AFT

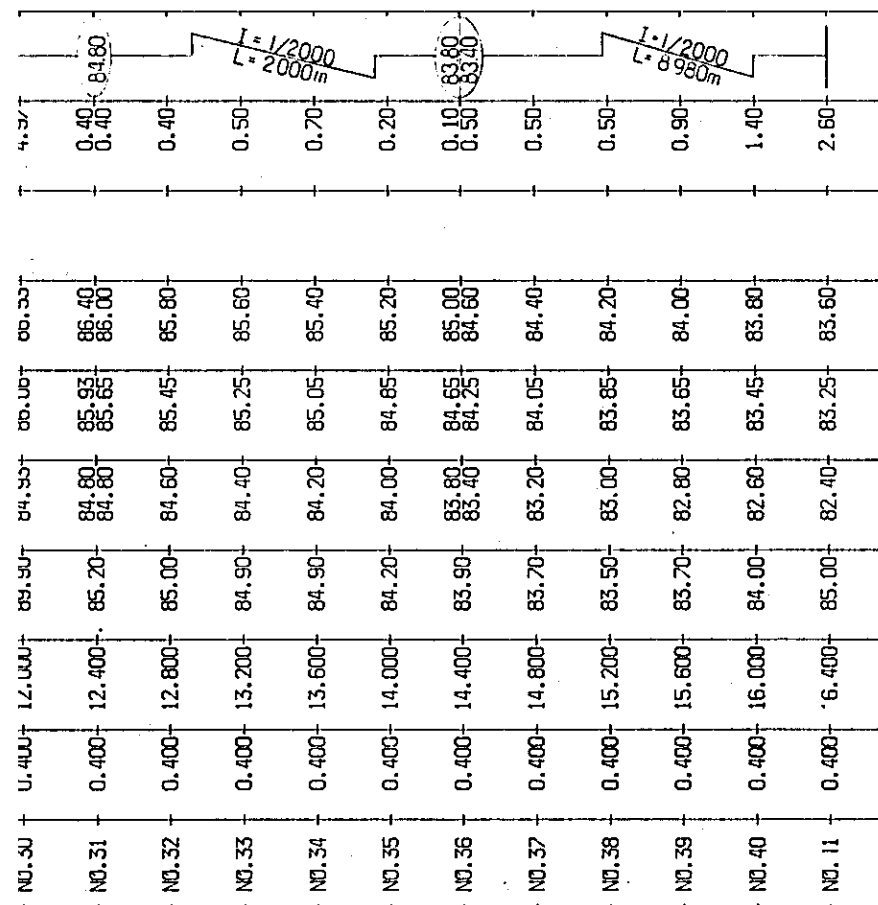


測点	区間距離	道路距離	地盤高	計西水路底高	水面高	側壁高	切土	勾配
NO.0	0.000	0.000	91.50	89.02	90.49	91.02	2.48	89.02
NO.1	0.400	0.400	91.40	88.94	90.41	90.94	2.46	
NO.2	0.400	0.800	90.30	88.86	90.33	90.86	1.44	
NO.3	0.400	1.200	89.90	88.78	90.25	90.78	1.12	
NO.4	0.400	1.600	89.70	88.70	90.17	90.70	1.00	
NO.5	0.400	2.000	89.60	88.62	90.09	90.62	0.98	
NO.6	0.400	2.400	89.50	88.54	90.01	90.54	0.96	
NO.7	0.400	2.800	89.00	88.46	89.93	90.46	0.54	
NO.8	0.400	3.200	88.80	88.38	89.85	90.38	0.42	
NO.9	0.400	3.600	88.70	88.30	89.77	90.30	0.40	
NO.10	0.400	4.000	88.60	88.22	89.69	90.22	0.38	
NO.11	0.400	4.400	88.30	88.14	89.61	90.14	0.16	
NO.12	0.400	4.800	88.20	88.06	89.53	90.06	0.14	
NO.13	0.400	5.200	87.80	87.98	89.45	89.98	0.18	
NO.14	0.400	5.600	87.50	87.90	89.37	89.90	0.40	
NO.15	0.400	6.000	87.20	87.82	89.29	89.82	0.62	
NO.16	0.400	6.400	87.00	87.74	89.21	89.74	0.74	
NO.17	0.400	6.800	86.50	87.66	89.13	89.66	1.16	
NO.18	0.400	7.200	86.50	87.58	89.05	89.58	1.08	
NO.19	0.400	7.600	86.90	87.55	88.50	88.75	0.65	
NO.20	0.400	8.000	86.80	86.26	87.39	87.86	0.54	
NO.21	0.400	8.400	86.50	86.13	87.26	87.73	0.37	
NO.22	0.400	8.800	87.00	86.00	87.13	87.60	1.00	
NO.23	0.400	9.200	88.20	85.86	86.99	87.46	2.34	
NO.24	0.400	9.600	88.50	85.73	86.86	87.33	2.77	
NO.25	0.400	10.000	86.20	85.60	86.75	87.20	0.60	
NO.26	0.400	10.400	85.00	85.47	86.60	87.07	1.17	
NO.27	0.400	10.800	86.50	85.33	86.46	86.93	2.10	
NO.28	0.400	11.200	87.30	85.20	86.35	86.80	3.53	
NO.29	0.400	11.600	88.60	85.07	86.20	86.67	4.97	
NO.30	0.400	12.000	89.90	84.93	86.06	86.53	0.40	
NO.31	0.400	12.400	85.20	84.80	85.93	86.40	0.40	
NO.32	0.400	12.800	85.00	84.60	85.45	85.80	0.40	
NO.33	0.400	13.200	84.90	84.40	85.25	85.60	0.50	
NO.34	0.400	13.600	84.90	84.20	85.05	85.40	0.70	
NO.35	0.400	14.000	84.20	84.00	84.85	85.20	0.20	
NO.36	0.400	14.400	83.90	83.80	84.65	85.00	0.10	
NO.37	0.400	14.800	83.70	83.20	84.05	84.40	0.50	
NO.38	0.400	15.200	83.50	83.00	83.85	84.20	0.50	
NO.39	0.400	15.600	83.70	82.80	83.65	84.00	0.90	

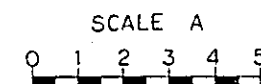


凡例

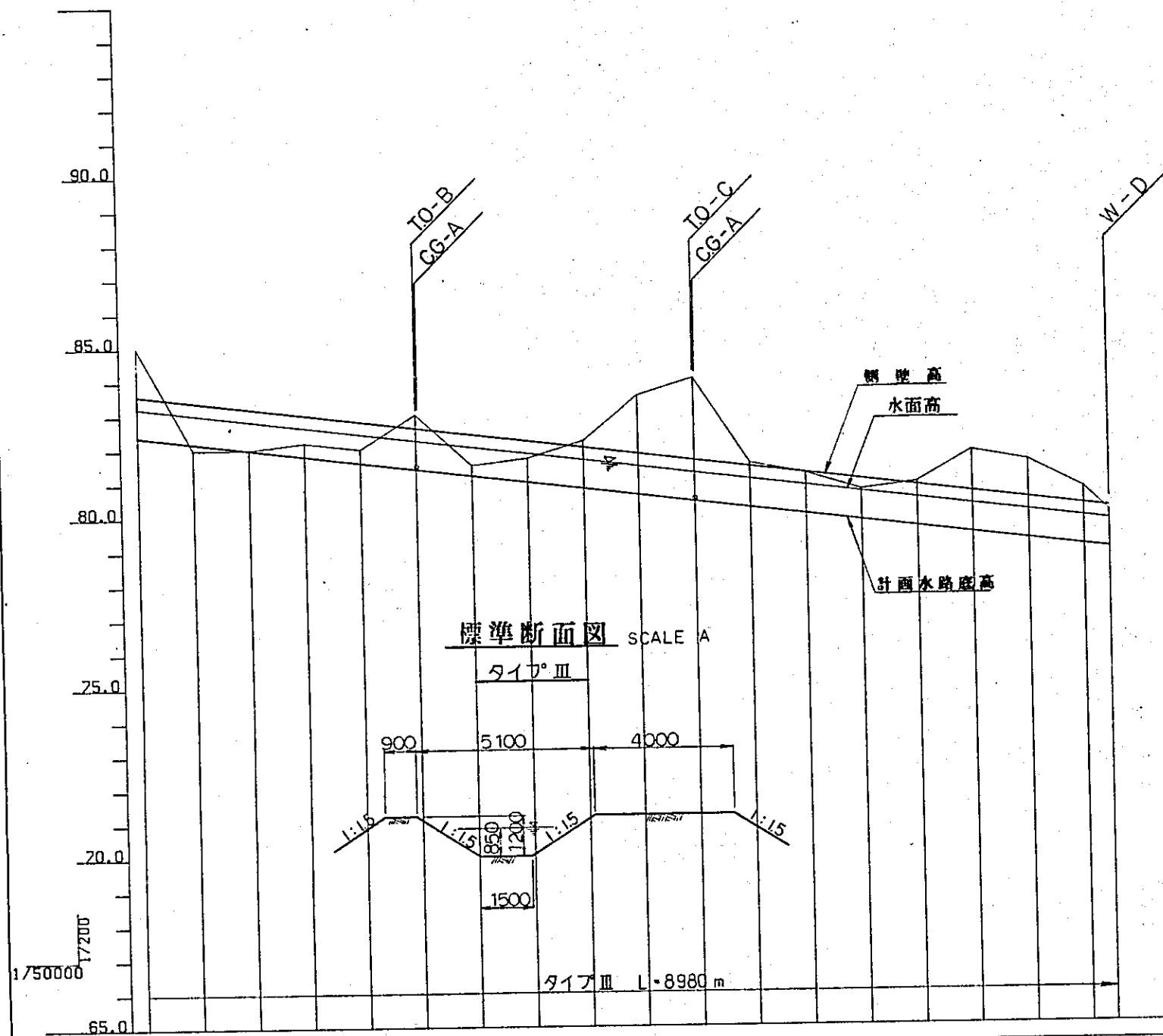
I.O	分水工
A	水路橋
S	サイホン
C.G	水位調節ゲート
D	落差工
W	排水工



国際協力事業団	
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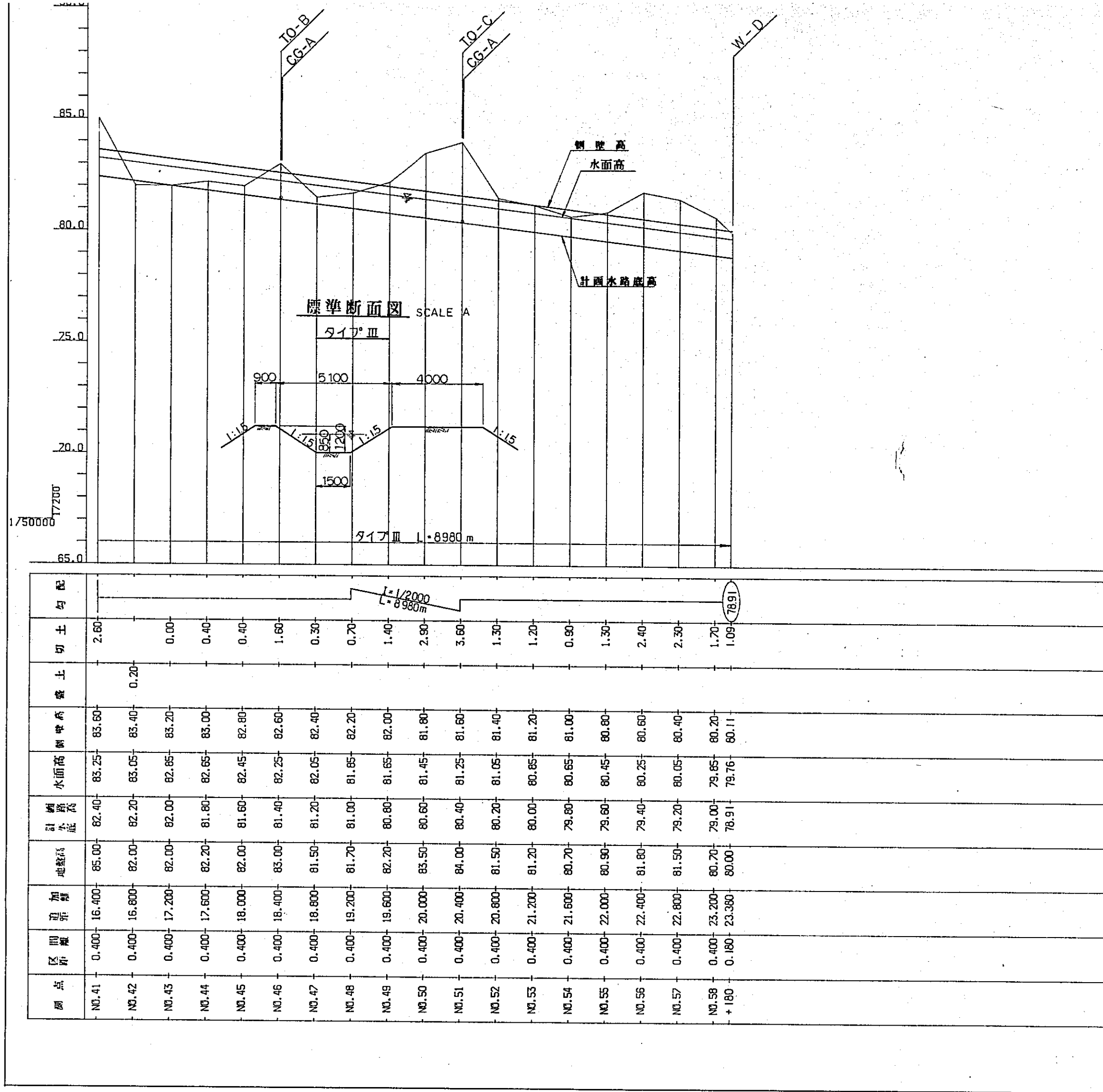
中国三江平原 竜頭橋典型区農業開発計画
国際協力事業団
幹線用水路 頭道崗右岸線 概略図(その1)
用 - 7

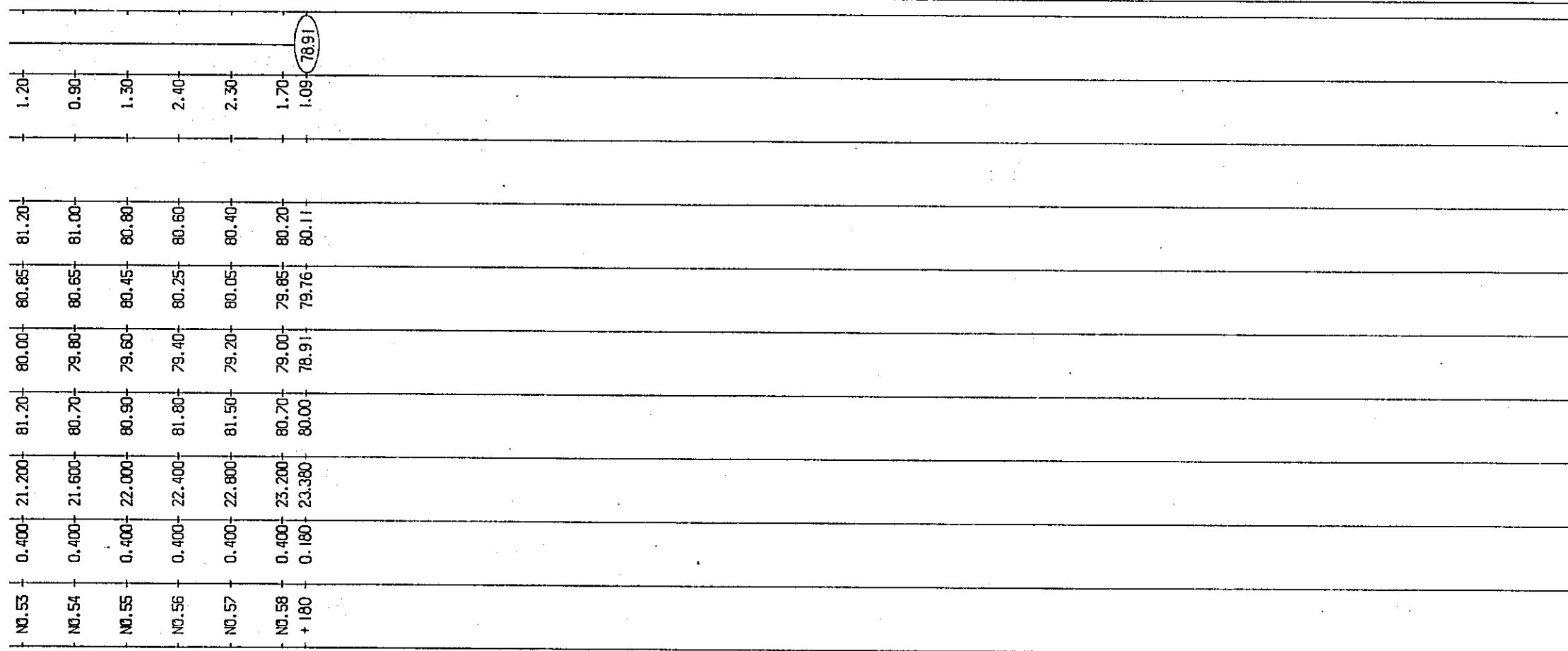


計画水路底高	水面高	側壁高	盛土	切土	勾配
82.40	83.25	83.60		2.60	I=1/2000 L=8980m
82.20	83.05	83.40	0.20		
82.00	82.85	83.20		0.00	
81.80	82.65	83.00		0.40	
81.60	82.45	82.80		0.40	
81.40	82.25	82.60		1.60	
81.20	82.05	82.40		0.30	
81.00	81.85	82.20		0.70	
80.80	81.65	82.00		1.40	
80.60	81.45	81.80		2.90	
80.40	81.25	81.60		3.60	
80.20	81.05	81.40		1.30	
80.00	80.85	81.20		1.20	
79.80	80.65	81.00		0.90	
79.60	80.45	80.80		1.30	
79.40	80.25	80.60		2.40	
79.20	80.05	80.40		2.30	
79.00	79.85	80.20		1.70	
78.91	79.76	80.11		1.09	78.91

凡 例

- | | |
|-------|---------|
| T.O - | 分水工 |
| A - | 水路橋 |
| S - | サイホン |
| C.G - | 水位調節ゲート |
| D - | 落差工 |
| W - | 板余水工 |





T.O -	分水工
A -	水路橋
S -	サイホン
C.G -	水位調節ゲート
D -	落差工
W -	放余水工

国際協力事業団	
受入 月日 '84. 5. 30	105
登録No. 10354	80.7 AFT

SCALE A

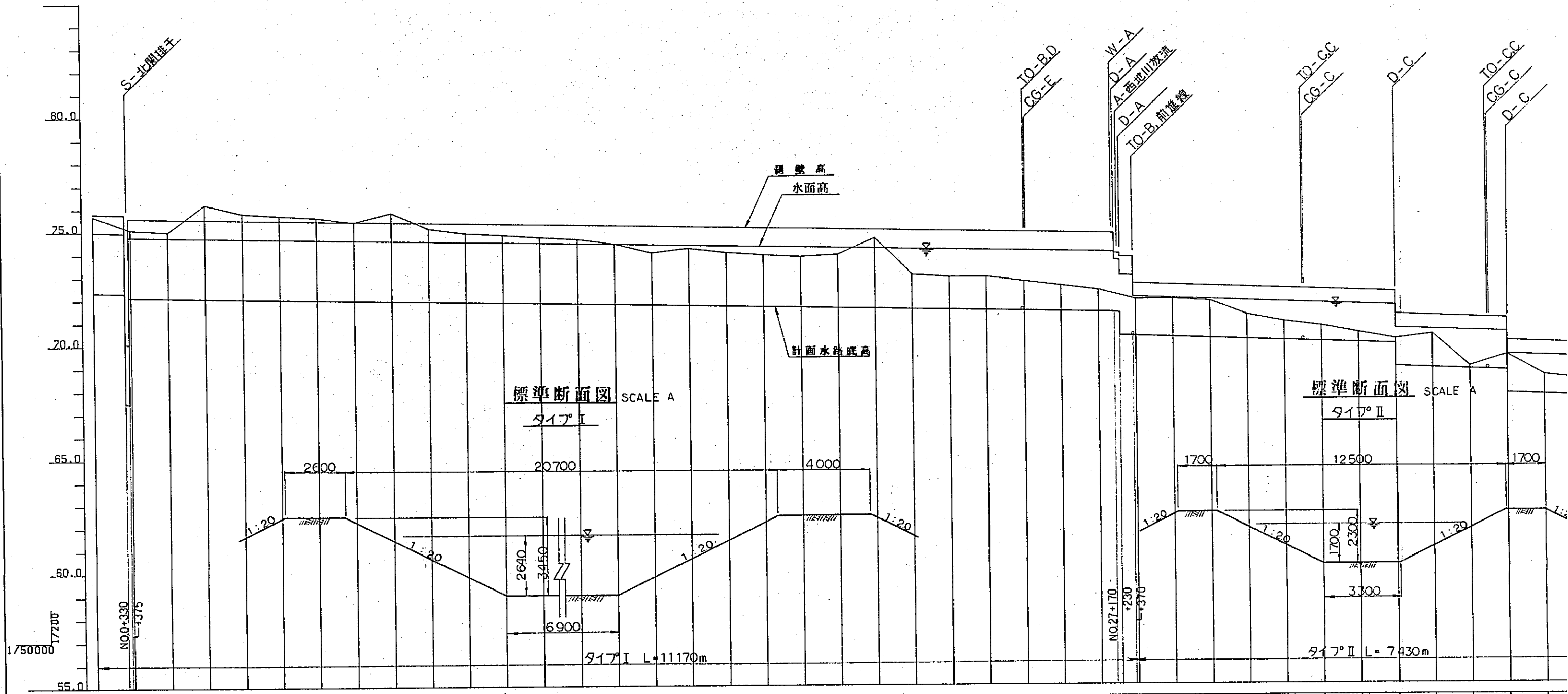


中国三江平原
竜頭橋典型区農業開発計画

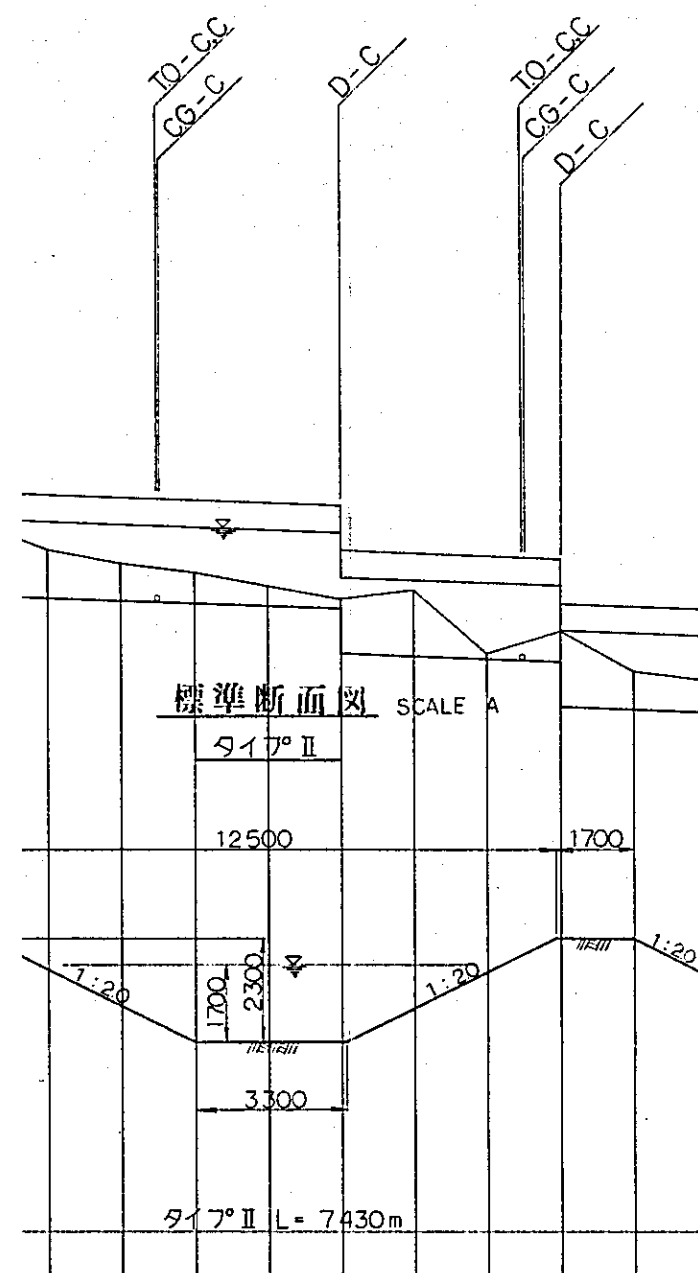
國際協力事業団

幹線用水路
頭道崗右岸線(その2)

用 - 8

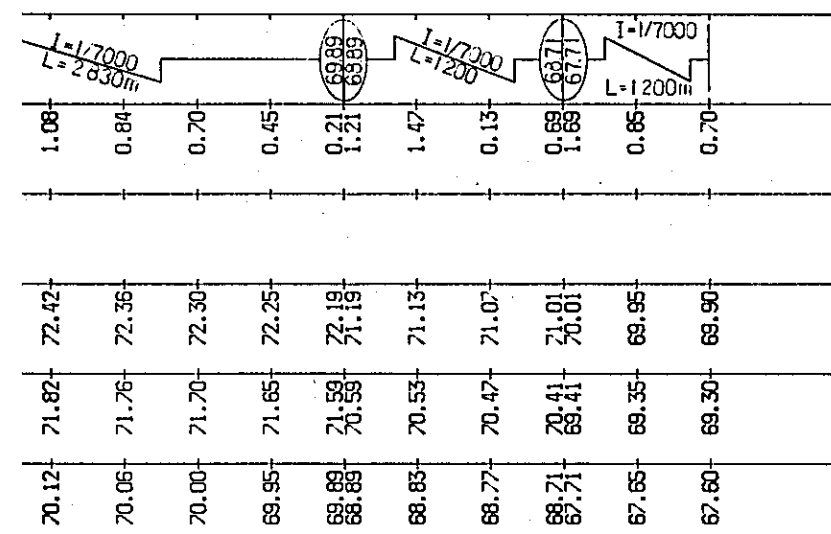


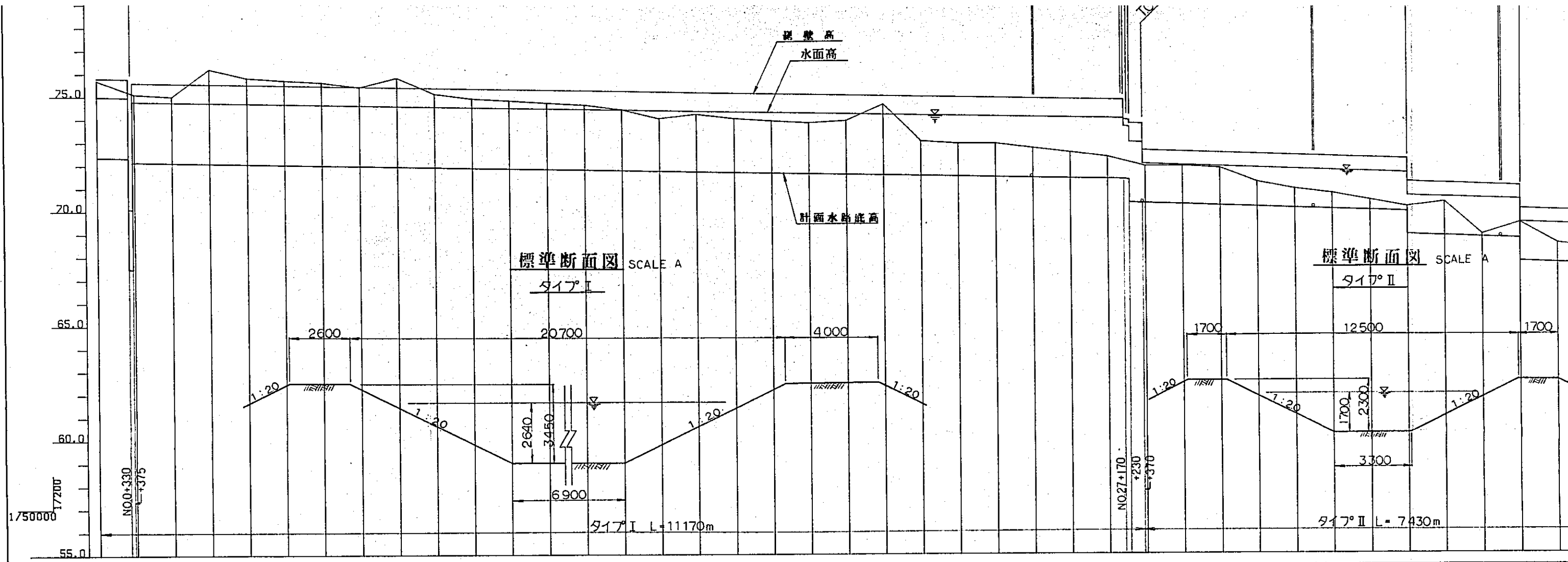
水面高	堤壁高	切土	勾配
74.99	75.80	3.35	72.35
74.79	75.60	2.95	72.32
74.76	75.57	2.88	72.15
74.73	75.54	4.11	
74.70	75.51	3.74	
74.66	75.47	3.68	
74.63	75.44	3.61	
74.60	75.41	3.44	
74.57	75.38	3.87	
74.54	75.35	3.20	
74.51	75.32	3.03	
74.48	75.29	2.96	
74.45	75.26	2.89	
74.42	75.23	2.82	
74.39	75.20	2.65	
74.35	75.16	2.29	
74.32	75.13	2.52	
74.29	75.10	2.35	
74.26	75.07	2.28	
74.23	75.04	2.21	
74.20	75.01	2.34	
74.17	74.98	3.07	
74.14	74.95	1.50	
74.11	74.92	1.43	
74.08	74.89	1.46	
74.05	74.86	1.29	
74.01	74.82	1.13	
73.98	74.79	0.96	
71.98	72.59	1.61	
71.95	72.53	1.67	
71.87	72.47	1.63	
71.82	72.42	1.08	
71.76	72.36	0.84	
71.70	72.30	0.70	
71.65	72.25	0.45	
71.59	72.19	0.21	
71.53	72.13	1.47	
71.47	72.07	0.13	
71.41	72.01	0.88	
71.35	71.95	0.85	



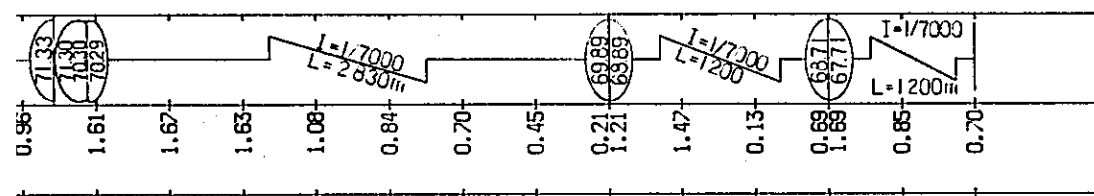
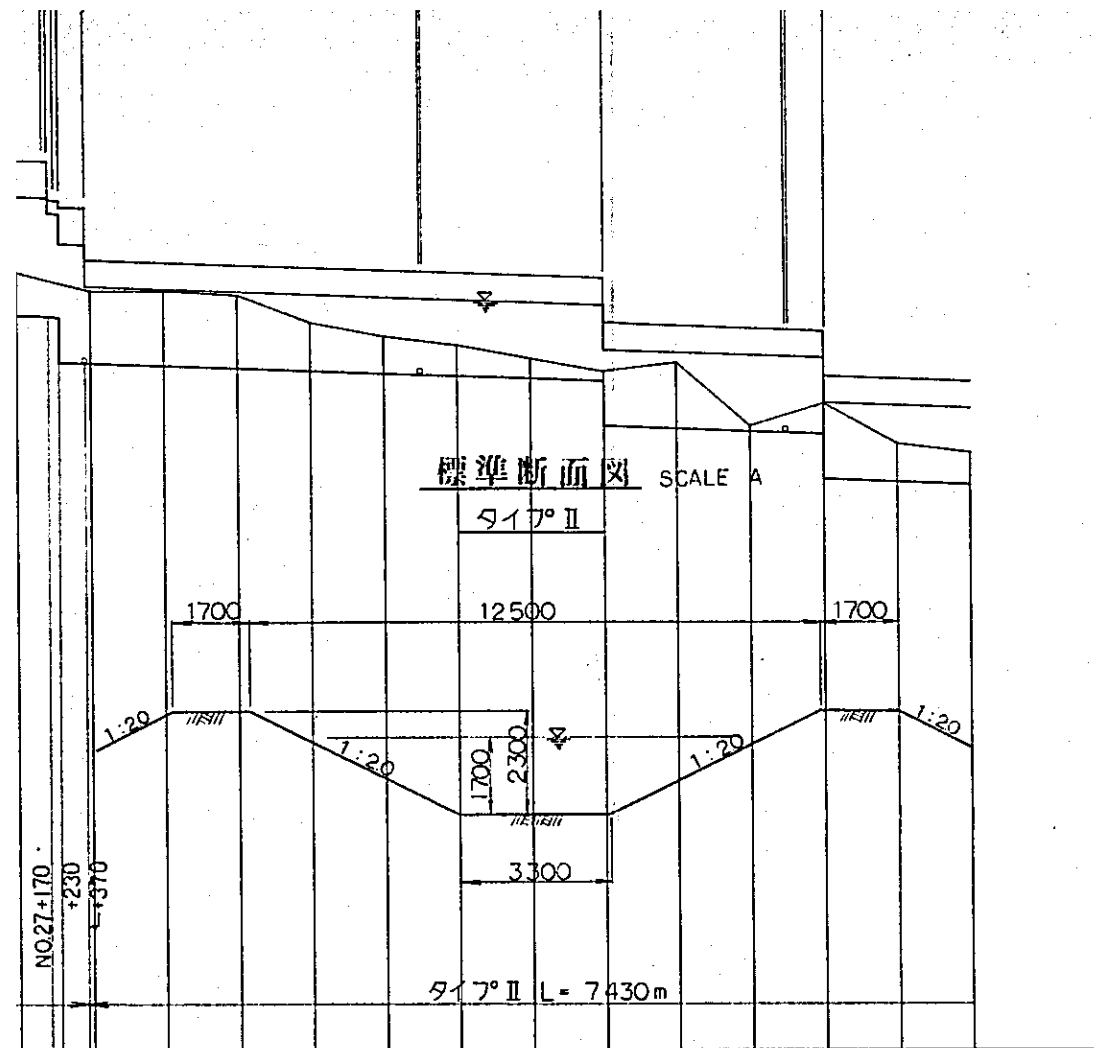
凡例

- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 灰余水工





測点	区間距離	追加距離	地盤高	計画水路底高	水面高	橋脚高	盛土	切土勾配
N0.0	0.000	0.000	75.70	72.35	74.99	75.80		3.35
N0.1	0.400	0.400	75.10	72.15	74.79	75.60		2.95
N0.2	0.400	0.800	75.00	72.12	74.76	75.57		2.88
N0.3	0.400	1.200	76.20	72.09	74.73	75.54		4.11
N0.4	0.400	1.600	75.80	72.06	74.70	75.51		3.74
N0.5	0.400	2.000	75.70	72.02	74.66	75.47		3.68
N0.6	0.400	2.400	75.60	71.99	74.63	75.44		3.61
N0.7	0.400	2.800	75.40	71.96	74.60	75.41		3.44
N0.8	0.400	3.200	75.80	71.93	74.57	75.38		3.87
N0.9	0.400	3.600	75.10	71.90	74.54	75.35		3.20
N0.10	0.400	4.000	74.90	71.87	74.51	75.32		3.03
N0.11	0.400	4.400	74.80	71.84	74.48	75.29		2.96
N0.12	0.400	4.800	74.70	71.81	74.45	75.26		2.89
N0.13	0.400	5.200	74.60	71.78	74.42	75.23		2.82
N0.14	0.400	5.600	74.40	71.75	74.39	75.20		2.65
N0.15	0.400	6.000	74.00	71.71	74.35	75.16		2.29
N0.16	0.400	6.400	74.20	71.68	74.32	75.13		2.52
N0.17	0.400	6.800	74.00	71.65	74.29	75.10		2.35
N0.18	0.400	7.200	73.90	71.62	74.26	75.07		2.28
N0.19	0.400	7.600	73.80	71.59	74.23	75.04		2.21
N0.20	0.400	8.000	73.90	71.56	74.20	75.01		2.34
N0.21	0.400	8.400	74.60	71.53	74.17	74.98		3.07
N0.22	0.400	8.800	75.00	71.50	74.14	74.95		1.50
N0.23	0.400	9.200	72.90	71.47	74.11	74.92		1.43
N0.24	0.400	9.600	72.90	71.44	74.08	74.89		1.46
N0.25	0.400	10.000	72.70	71.41	74.05	74.86		1.29
N0.26	0.400	10.400	72.50	71.37	74.01	74.82		1.13
N0.27	0.400	10.800	72.30	71.34	73.98	74.79		0.96
N0.28	0.400	11.200	71.90	70.29	71.99	72.59		1.61
N0.29	0.400	11.600	71.90	70.23	71.93	72.53		1.67
N0.30	0.400	12.000	71.80	70.17	71.87	72.47		1.63
N0.31	0.400	12.400	71.20	70.12	71.82	72.42		1.08
N0.32	0.400	12.800	70.90	70.06	71.76	72.36		0.84
N0.33	0.400	13.200	70.70	70.00	71.70	72.30		0.70
N0.34	0.400	13.600	70.40	69.95	71.65	72.25		0.45
N0.35	0.400	14.000	70.10	69.88	71.58	72.18		0.21
N0.36	0.400	14.400	70.30	69.83	70.53	71.13		1.47
N0.37	0.400	14.800	68.90	68.77	70.47	71.07		0.13
N0.38	0.400	15.200	69.40	68.71	70.41	71.01		0.69
N0.39	0.400	15.600	68.50	67.65	69.35	69.95		0.85



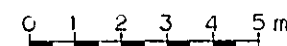
NO.27	74.79	73.99	71.34	72.30	10.800	0.400
NO.28	72.59	71.99	70.29	71.90	11.200	0.400
NO.29	72.53	71.93	70.23	71.90	11.600	0.400
NO.30	72.47	71.87	70.17	71.80	12.000	0.400
NO.31	72.42	71.82	70.12	71.20	12.400	0.400
NO.32	72.36	71.76	70.06	70.90	12.800	0.400
NO.33	72.30	71.70	70.00	70.70	13.200	0.400
NO.34	72.25	71.65	69.95	70.40	13.600	0.400
NO.35	72.19	71.59	69.89	70.10	14.000	0.400
NO.36	71.13	70.53	68.83	70.30	14.400	0.400
NO.37	71.07	70.47	68.77	68.90	14.800	0.400
NO.38	71.01	70.41	68.71	68.40	15.200	0.400
NO.39	69.95	69.35	67.65	68.50	15.600	0.400
NO.40	68.90	68.30	67.60	68.30	16.000	0.400

凡例

- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 放余水工

国際協力事業団		
輸入 月日	'84.5.30	105
登録No.	10354	80.7
		AFT

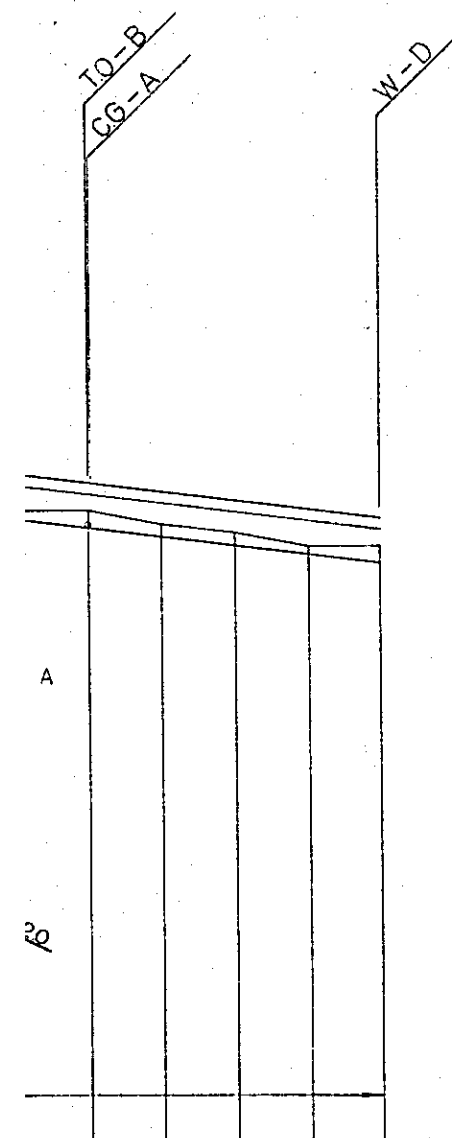
SCALE A



中国三江平原
竜頭橋典型区農業開発計画

国際協力事業団

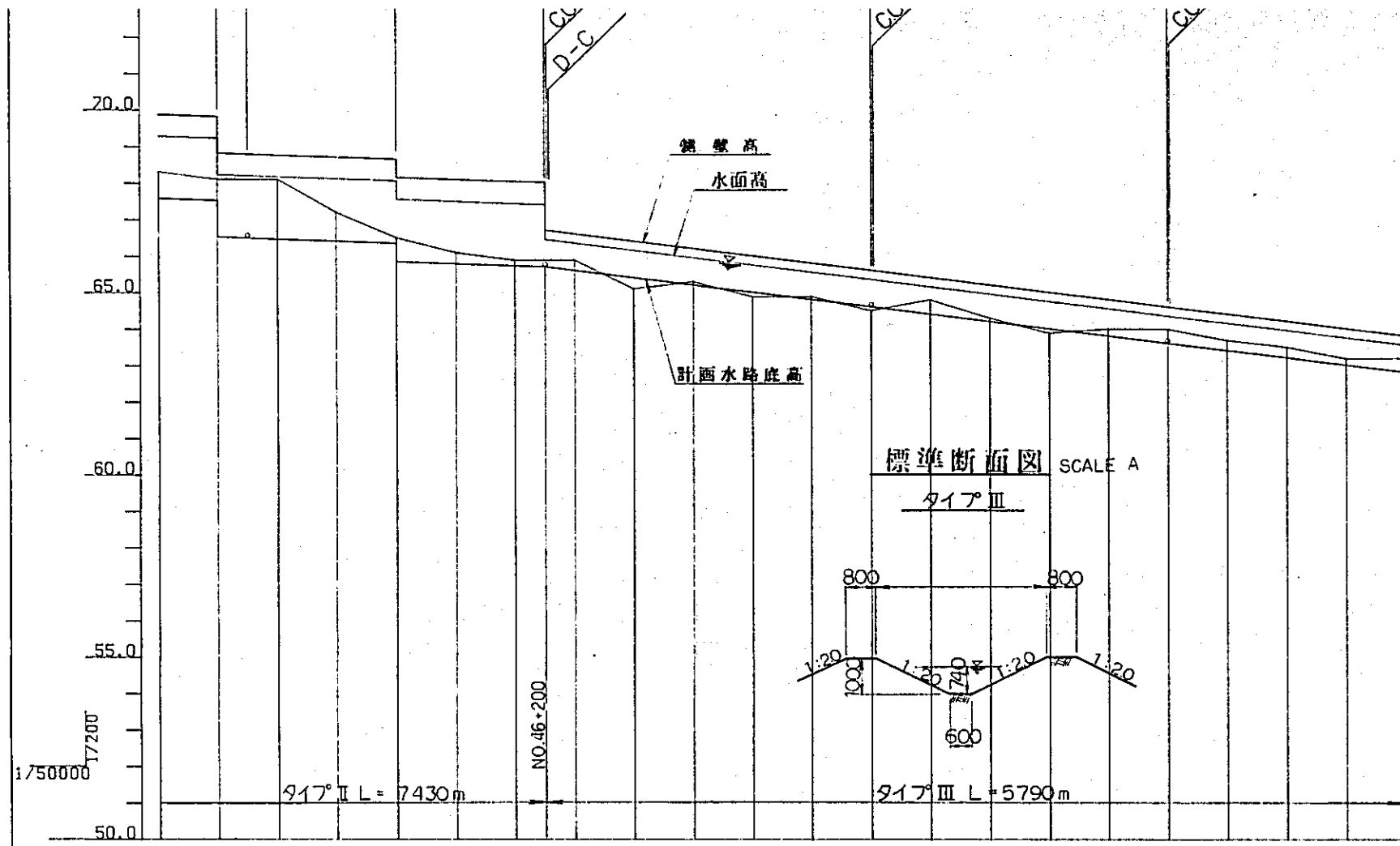
幹線用水路
青山線 縦断面図 (その1)



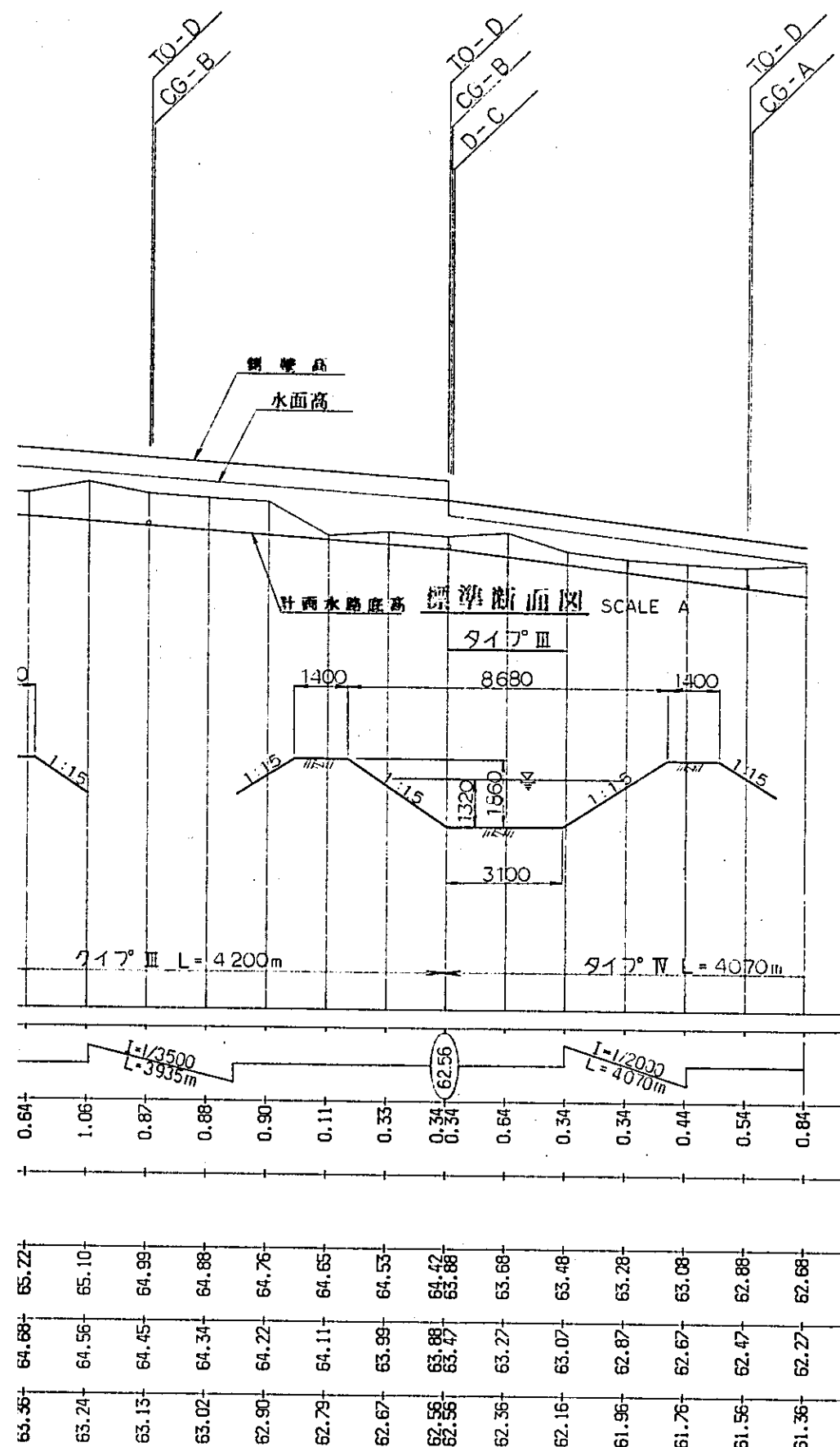
凡 例

T.O -	分水工
A -	水路橋
S -	サイホン
C.G -	水位調節ゲート
D -	落差工
W -	放余水工

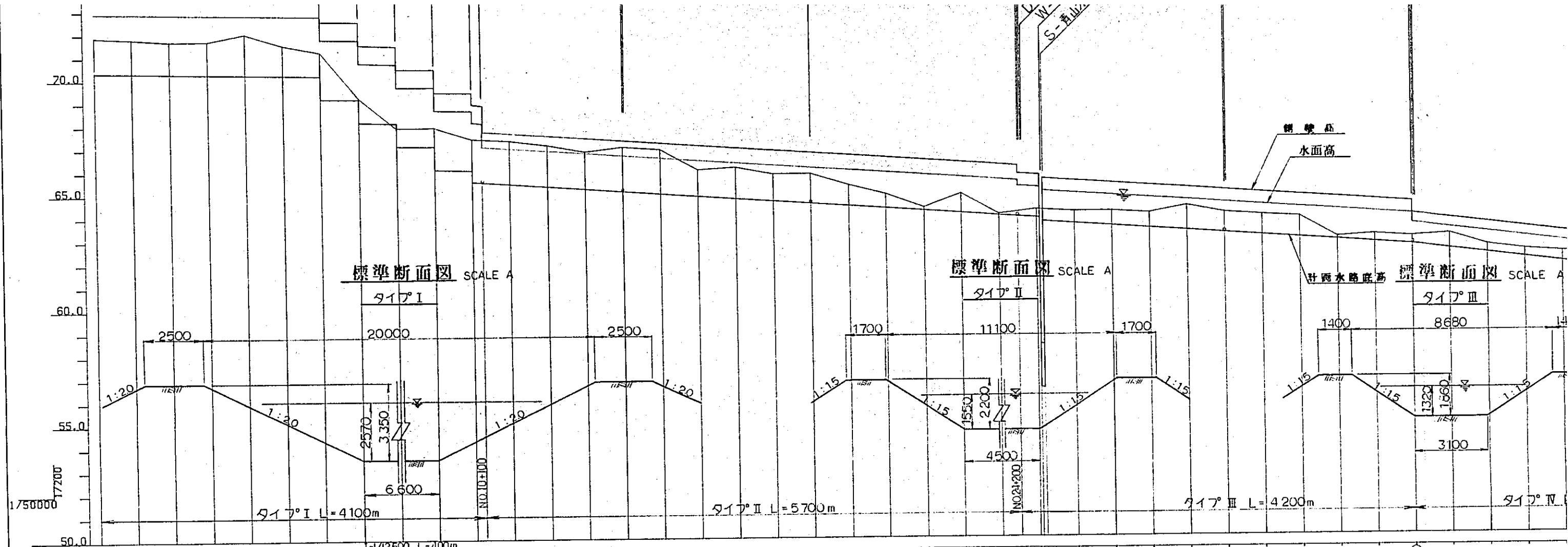
0.37	0.27	0.27	0.17	0.36
64.63	64.43	64.23	64.03	63.84
64.37	64.17	63.97	63.77	63.58
.63	.43	.23	.03	.84



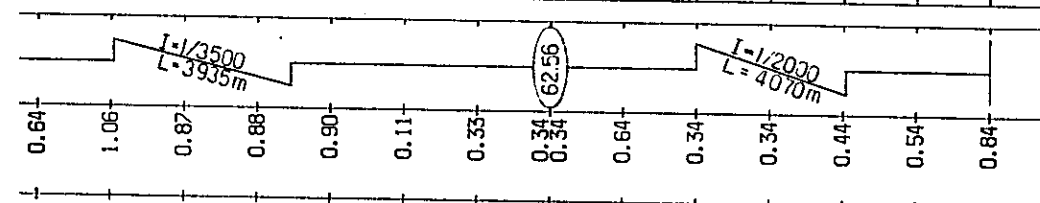
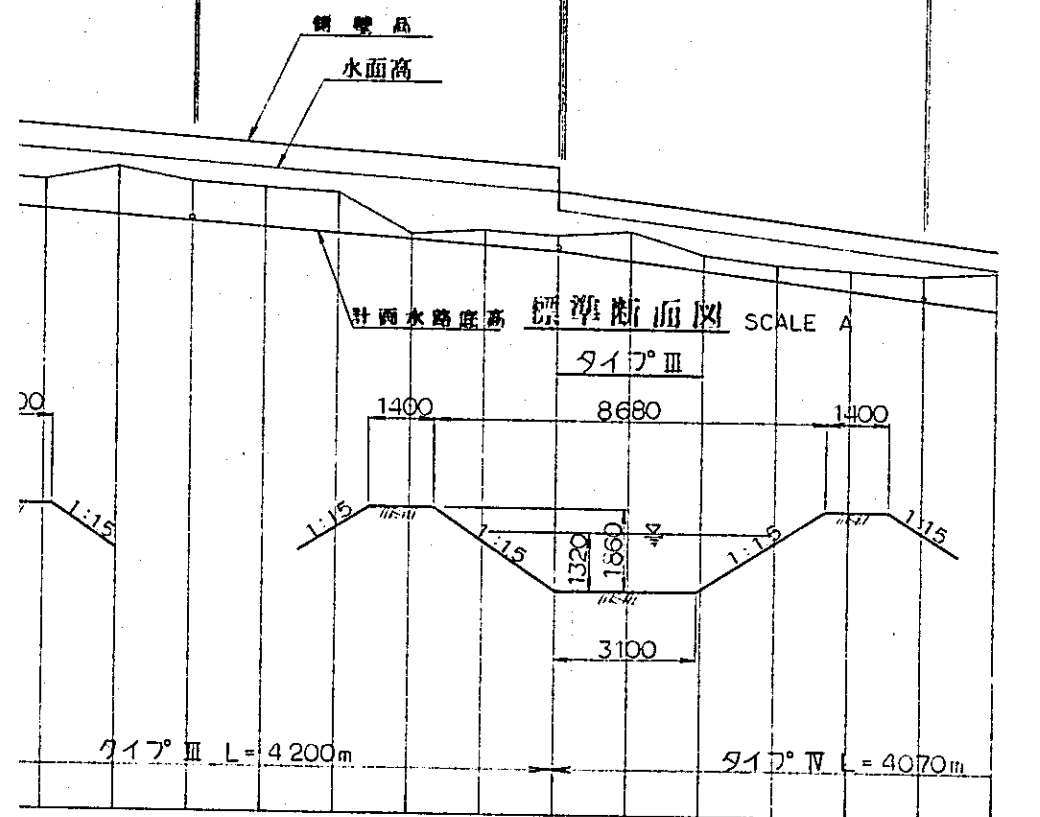
測点	区間距離	加算距離	地盤高	計画水路底高	水面高	堤壁高	盛土	切土	勾配
N0.40	0.400	16.000	68.30	67.60	69.30	69.90		0.70	1:1/7000 L=1200m
N0.41	0.400	16.400	68.10	67.54	69.24	69.84		0.58	1:1/7000 L=1200m
N0.42	0.400	16.800	68.10	66.54	68.24	68.84		1.86	1:1/7000 L=1200m
N0.43	0.400	17.200	67.20	66.43	68.18	68.78		1.62	1:1/7000 L=1200m
N0.44	0.400	17.600	66.50	66.37	68.07	68.67		0.77	1:1/7000 L=1200m
N0.45	0.400	18.000	66.10	65.87	67.57	68.17		0.13	1:1/7000 L=1200m
N0.46	0.400	18.400	65.90	65.81	67.51	68.11		0.63	1:1/7000 L=1200m
N0.47	0.400	18.800	65.90	65.76	67.46	68.06		0.29	1:1/7000 L=1200m
N0.48	0.400	19.200	65.10	65.63	66.37	66.97	0.33	0.14	1:1/7000 L=1200m
N0.49	0.400	19.600	65.30	65.43	66.17	66.77	0.13	0.27	1:1/7000 L=1200m
N0.50	0.400	20.000	64.90	65.23	65.97	66.57		0.07	1:1/7000 L=1200m
N0.51	0.400	20.400	64.90	65.03	65.77	66.37		0.07	1:1/7000 L=1200m
N0.52	0.400	20.800	64.50	64.83	65.57	66.17		0.37	1:1/7000 L=1200m
N0.53	0.400	21.200	64.80	64.63	65.37	65.97		0.07	1:1/7000 L=1200m
N0.54	0.400	21.600	64.30	64.43	65.17	65.77		0.17	1:1/7000 L=1200m
N0.55	0.400	22.000	63.90	64.23	64.97	65.57		0.37	1:1/7000 L=1200m
N0.56	0.400	22.400	64.00	64.03	64.77	65.37		0.27	1:1/7000 L=1200m
N0.57	0.400	22.800	64.00	63.83	64.57	65.17		0.27	1:1/7000 L=1200m
N0.58	0.400	23.200	63.70	63.63	64.37	64.97		0.17	1:1/7000 L=1200m
N0.59	0.400	23.600	63.50	63.43	64.17	64.77		0.36	1:1/7000 L=1200m
N0.60	0.400	24.000	63.20	63.23	63.97	64.57			1:1/7000 L=1200m
+390	0.390	24.390	63.20	62.84	63.77	64.37			1:1/7000 L=1200m



- 凡例
- T.O - 分水工
 - A - 水路橋
 - S - サイホン
 - C.G - 水位調節ゲート
 - D - 落差工
 - W - 板余水工



測点	区間距離	追加距離	地盤高	設計水深	水面高	側壁高	切土	勾配
N0.0	0.000	0.000	71.90	70.28	72.83	73.74	1.61	1/12500 L=2400m
N0.1	0.400	0.400	71.80	70.33	72.90	73.68	1.47	
N0.2	0.400	0.800	71.70	70.30	72.87	73.65	1.40	
N0.3	0.400	1.200	71.70	70.26	72.83	73.62	1.43	
N0.4	0.400	1.600	72.00	70.23	72.80	73.58	1.77	
N0.5	0.400	2.000	71.50	70.20	72.77	73.55	1.30	
N0.6	0.400	2.400	71.20	70.17	72.74	73.52	1.03	
N0.7	0.400	2.800	69.20	68.14	71.71	72.49	0.06	
N0.8	0.400	3.200	67.90	67.10	70.87	71.45	0.80	
N0.9	0.400	3.600	67.90	66.07	69.64	70.42	0.83	
N0.10	0.400	4.000	67.40	66.04	68.61	69.38	1.36	
N0.11	0.400	4.400	67.30	65.43	66.99	67.63	1.87	
N0.12	0.400	4.800	67.10	65.31	66.86	67.51	1.79	
N0.13	0.400	5.200	66.80	65.20	66.75	67.40	1.60	
N0.14	0.400	5.600	67.00	65.09	66.64	67.29	1.91	
N0.15	0.400	6.000	66.90	64.97	66.52	67.17	1.85	
N0.16	0.400	6.400	66.00	64.86	66.41	67.06	1.14	
N0.17	0.400	6.800	66.10	64.75	66.30	66.95	1.35	
N0.18	0.400	7.200	65.80	64.64	66.19	66.84	1.16	
N0.19	0.400	7.600	65.80	64.52	66.19	66.72	1.28	
N0.20	0.400	8.000	65.30	64.41	65.96	66.61	0.89	
N0.21	0.400	8.400	64.90	64.30	65.65	66.50	0.60	
N0.22	0.400	8.800	64.30	64.18	65.73	66.38	0.12	
N0.23	0.400	9.200	64.90	64.07	65.62	66.27	0.83	
N0.24	0.400	9.600	64.00	63.96	65.51	66.16	0.04	
N0.25	0.400	10.000	64.20	63.85	65.17	65.71	0.35	
N0.26	0.400	10.400	64.10	63.58	64.90	65.44	0.52	
N0.27	0.400	10.800	64.10	63.47	64.79	65.33	0.63	
N0.28	0.400	11.200	64.00	63.36	64.68	65.22	0.64	
N0.29	0.400	11.600	64.30	63.24	64.56	65.10	1.06	
N0.30	0.400	12.000	64.00	63.13	64.45	64.99	0.87	
N0.31	0.400	12.400	63.90	63.02	64.34	64.88	0.88	
N0.32	0.400	12.800	63.80	62.90	64.22	64.76	0.90	
N0.33	0.400	13.200	62.90	62.79	64.11	64.65	0.11	
N0.34	0.400	13.600	63.00	62.67	63.99	64.53	0.33	
N0.35	0.400	14.000	62.90	62.56	63.88	64.42	0.34	
N0.36	0.400	14.400	63.00	62.36	63.27	63.68	0.64	
N0.37	0.400	14.800	62.50	62.16	63.07	63.48	0.34	
N0.38	0.400	15.200	62.30	61.96	62.87	63.28	0.34	



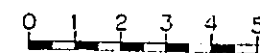
65.22	65.10	64.99	64.88	64.76	64.65	64.53	64.42	63.88	63.68	63.48	63.28	63.08	62.88	62.68
64.68	64.56	64.45	64.34	64.22	64.11	63.99	63.88	63.47	63.27	63.07	62.87	62.67	62.47	62.27
63.36	63.24	63.13	63.02	62.90	62.79	62.67	62.56	62.56	62.36	62.16	61.96	61.76	61.56	61.36
64.00	64.30	64.00	63.90	63.80	62.90	63.00	62.90	62.90	63.00	62.50	62.30	62.20	62.10	62.20
11.200	11.800	12.000	12.400	12.800	13.200	13.600	14.000	14.400	14.800	15.200	15.600	16.000	16.400	16.400
0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
N0.28	N0.29	N0.30	N0.31	N0.32	N0.33	N0.34	N0.35	N0.36	N0.37	N0.38	N0.39	N0.40	N0.41	N0.41

凡例

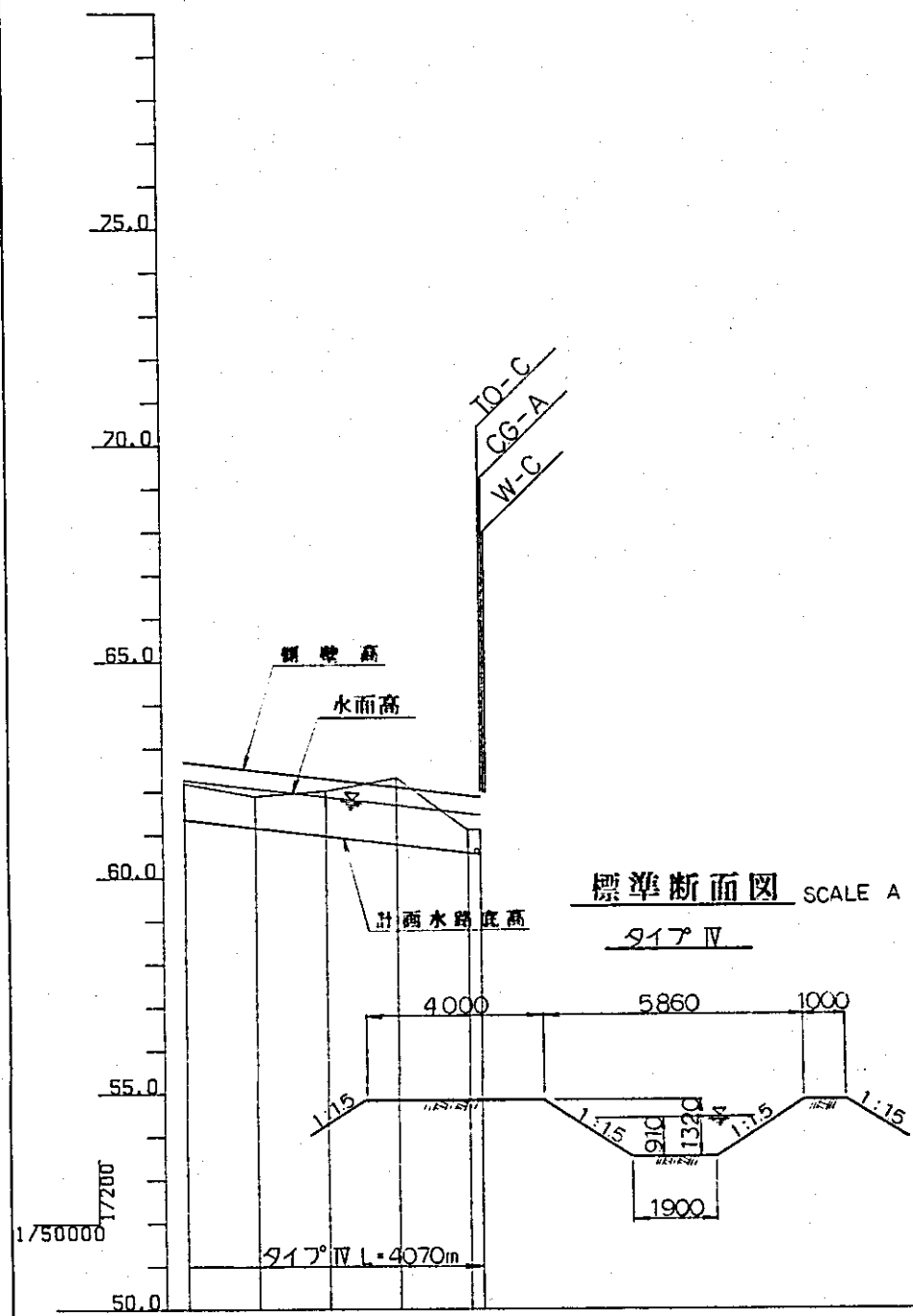
- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 板余水工

国際協力事業団		
受入 月日	'84.5.30	105
登録No.	10354	80.7
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SCALE A



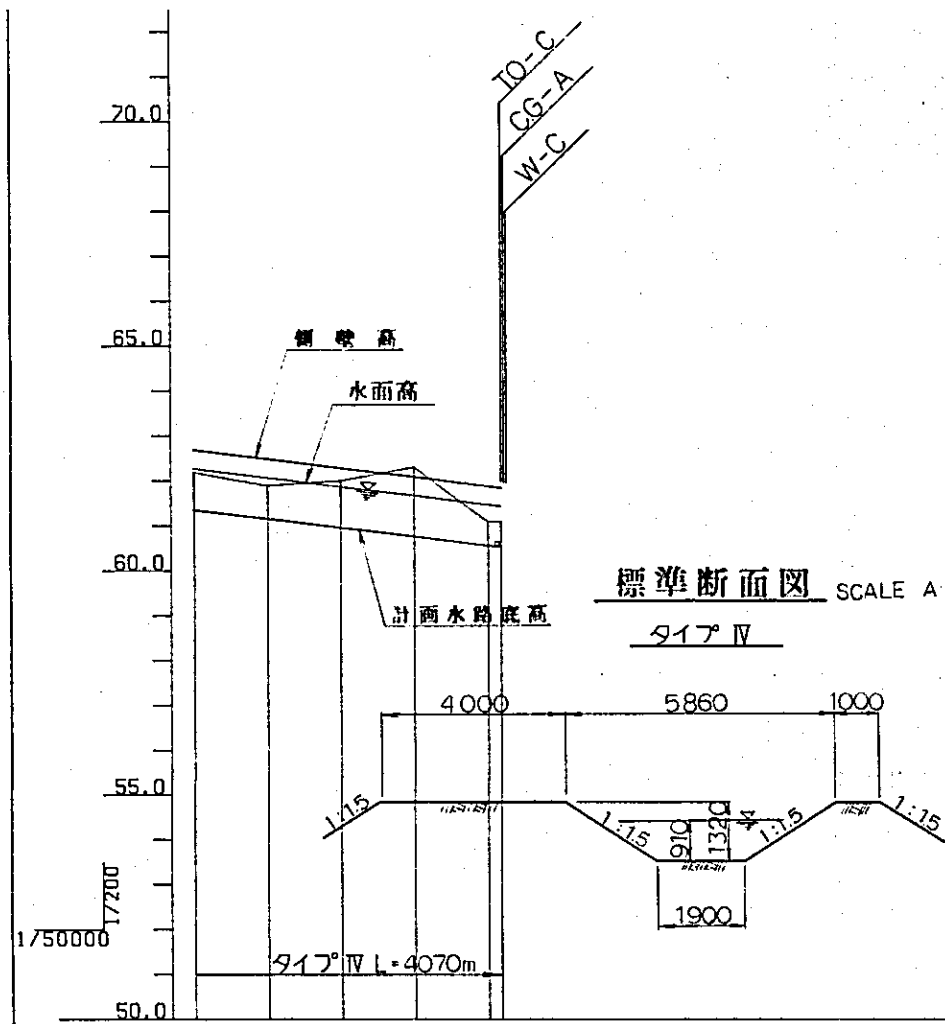
中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
幹線用水路 前線排水断面図(その1)	
用 - 11	



勾配					
切土	0.84	0.74	1.04	1.54	8.54
盛土					
側壁高	62.88	62.48	62.28	62.08	61.88
水面高	62.27	62.07	61.87	61.67	61.47

凡例

T.O -	分水工
A -	水路橋
S -	サイホン
C.G -	水位調整ゲート
D -	落差工
W -	放流水工



配勾	切土	盛土	堤岸高	水面高	計畫水路底高	地盤高	加路距離	區間距離	測點
	0.84		62.88	62.27	61.36	62.20	16.400	0.400	N0.41
	0.74		62.48	62.07	61.16	61.90	16.800	0.400	N0.42
	1.04		62.28	61.87	60.96	62.00	17.200	0.400	N0.43
	1.54		62.08	61.67	60.76	62.30	17.600	0.400	N0.44
	0.54		61.88	61.47	60.56	61.10	18.000	0.400	N0.45

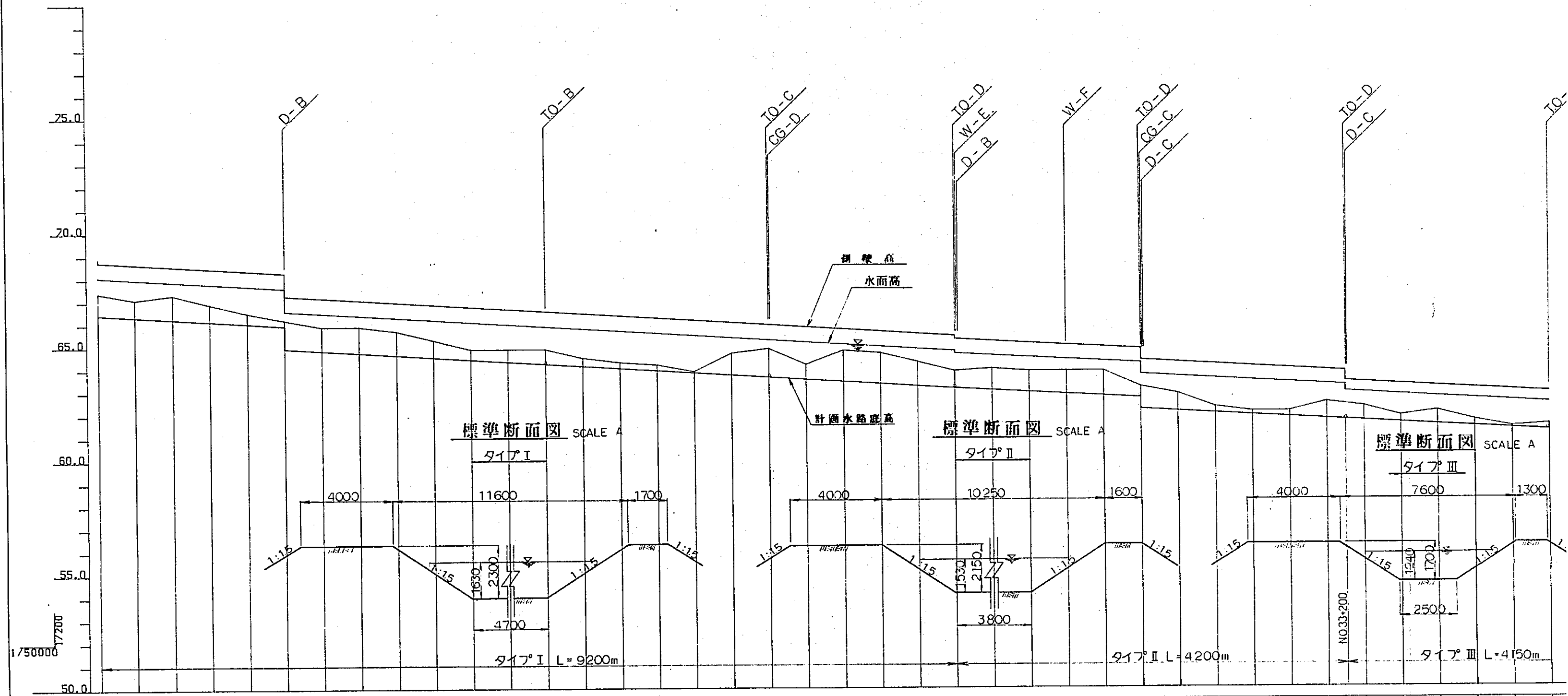
T.O -	分水工
A -	水路橋
S -	サイホン
C.G -	水位調整ゲート
D -	落差工
W -	放棄水工

W - 族余水工

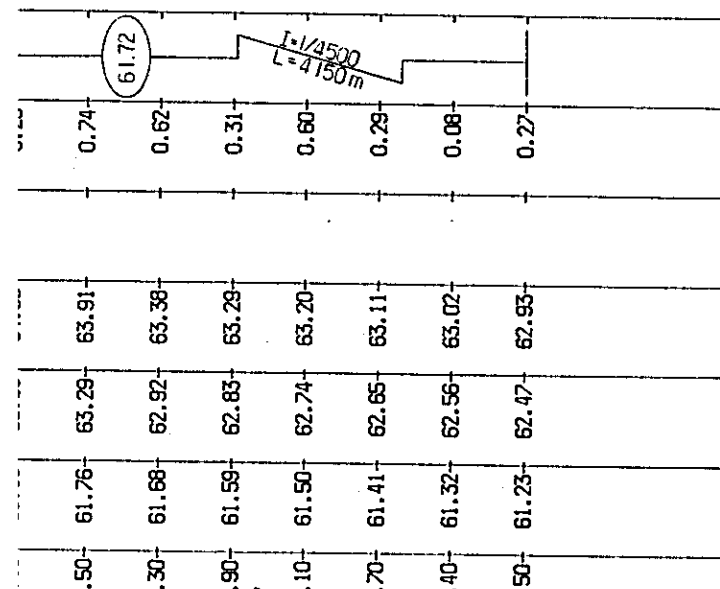
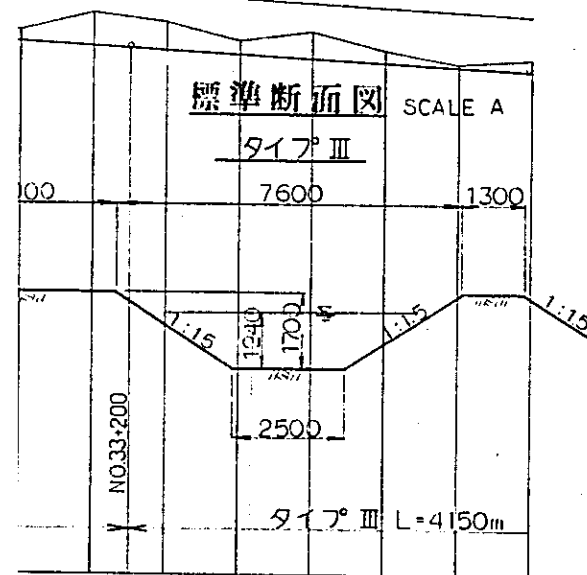
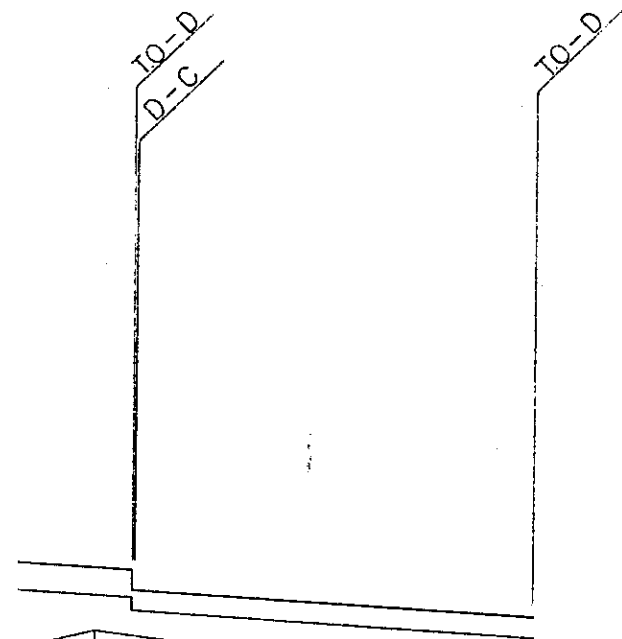
登録No. 10354	80.7
	AET

A horizontal scale bar with markings from 0 to 5. The markings are evenly spaced and labeled with the numbers 0, 1, 2, 3, 4, and 5.

用-12

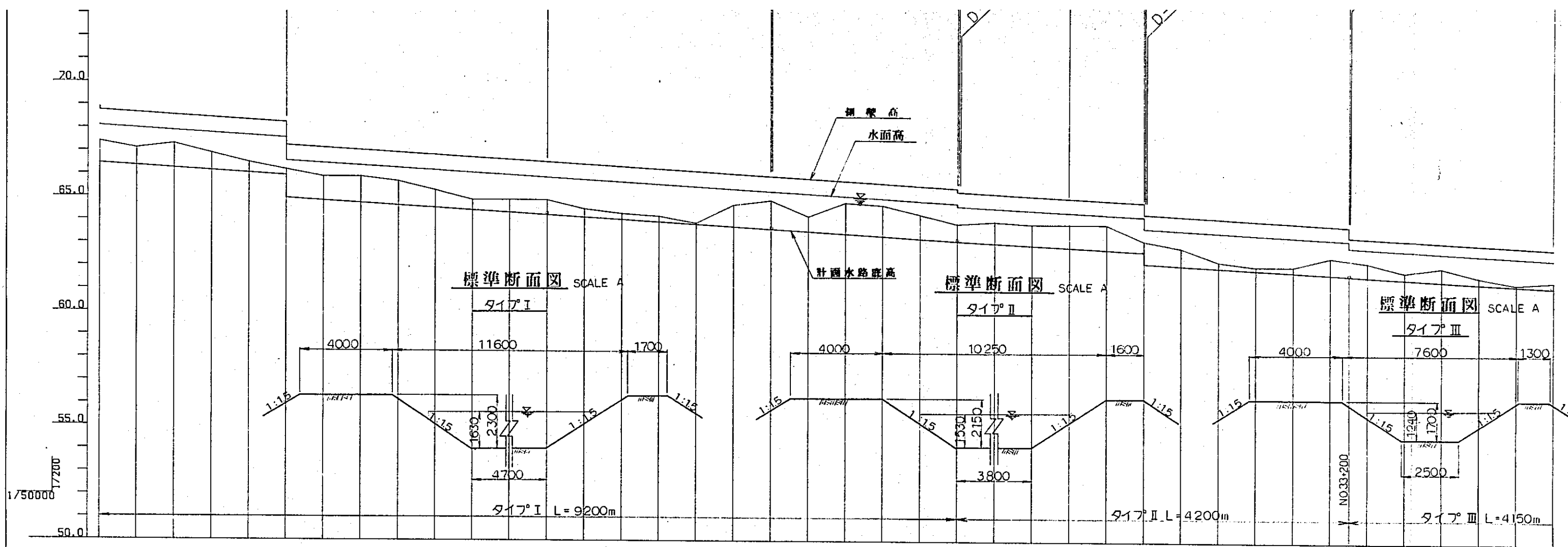


断面高	水面高	標準高	盛土	切土	勾配
5.53 5.45	68.10 68.08	68.88 68.75		1.82 0.95	$I=1/4000$ $L=2000m$
6.35	67.98	68.65		0.75	
6.25	67.88	68.55		1.05	
6.15	67.78	68.45		0.75	
6.05	67.68	68.35		0.45	
5.95 4.95	67.58 66.58	68.25 67.25		0.25 1.25	$I=1/4000$ $L=7200m$
4.85	66.48	67.15		1.05	
4.75	66.38	67.05		1.15	
4.65	66.28	66.95		1.05	
4.55	66.18	66.85		0.75	
4.45	66.08	66.75		0.45	
4.35	65.98	66.65		0.55	
4.25	65.88	66.55		0.65	
4.15	65.78	66.45		0.35	
4.05	65.68	66.35		0.25	
3.95	65.58	66.25		0.25	
3.85	65.48	66.15		0.05	
3.75	65.38	66.05		0.95	
3.65	65.28	65.95		1.25	
3.55	65.18	65.85		0.65	
3.45	65.08	65.75		1.35	
3.35	64.98	65.65		1.35	
3.25	64.88	65.55		1.05	
3.15 3.15	64.78 64.68	65.45 65.30		0.75 0.75	$I=1/4500$ $L=2000m$
3.06	64.59	65.21		0.94	
2.97	64.50	65.12		0.95	
2.88	64.42	65.04		1.01	
2.80	64.33	64.95		1.10	
2.71 2.71	64.24 63.71	64.86 64.36		0.49 0.99	$I=1/4500$ $L=2200m$
2.62	63.65	64.27		0.78	
2.53	63.56	64.18		0.27	
2.44	63.47	64.09		0.16	
2.35	63.38	64.00		0.25	
2.26	63.29	63.91		0.74	
2.17	63.20	63.82		0.62	
2.08	63.11	63.73		0.31	
1.99	63.02	63.64		0.80	$I=1/4500$ $L=4150m$
1.90	62.93	63.55		0.29	
1.81	62.84	63.46		0.08	
1.72	62.75	63.37		0.27	

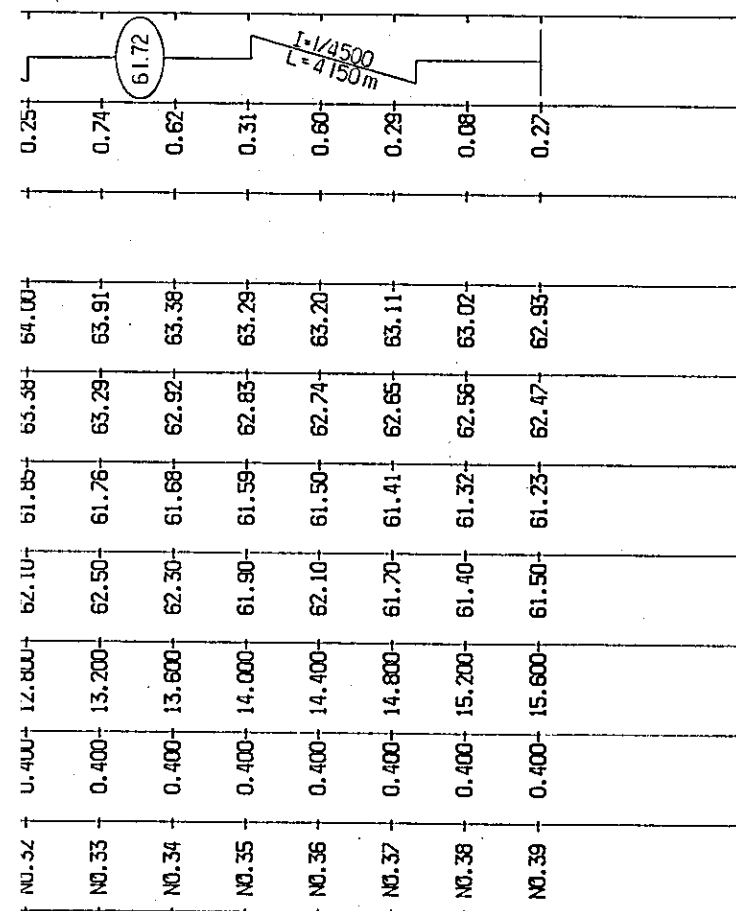
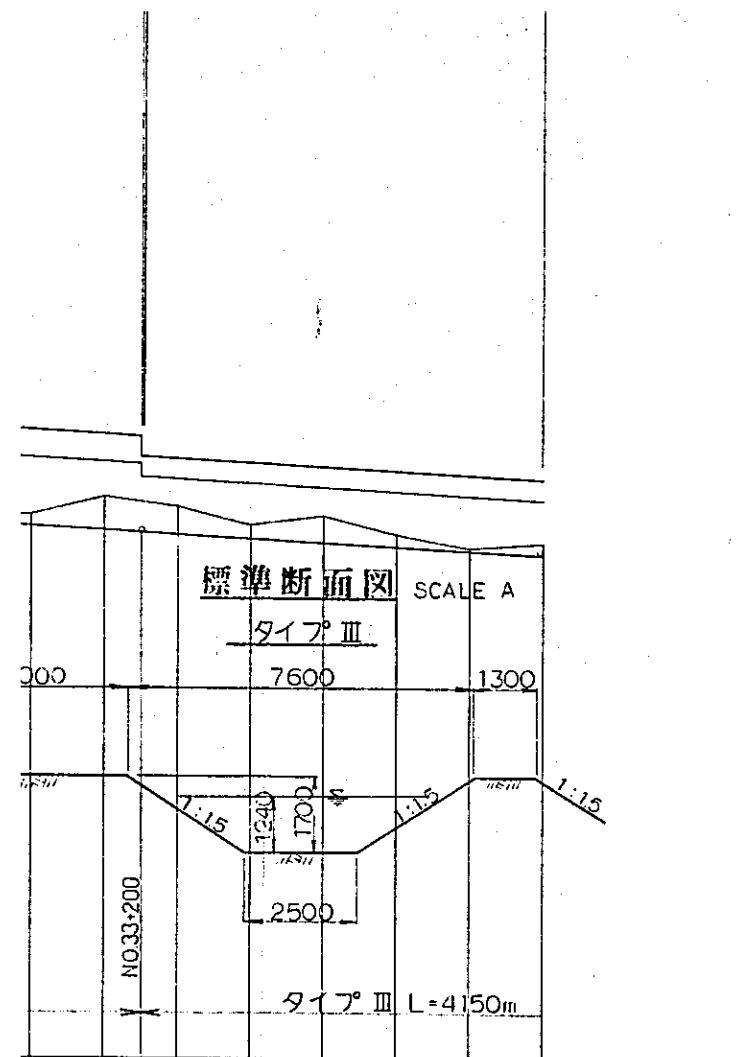


凡例

- TO - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調整ゲート
- D - 落差工
- W - 排水工



測点	区間距離	追加距離	地盤高	計画水路底高	水面高	側溝高	竣工	切土	勾配
N0.0	0.000	0.000	67.40	65.53 66.45	68.10 68.08	68.88 68.75	1.87 0.95	0.75	1:1/4000 L=2000m
N0.1	0.400	0.400	67.10	66.35	67.98	68.65	0.75	1.05	
N0.2	0.400	0.800	67.30	66.25	67.88	68.55	0.75	0.45	
N0.3	0.400	1.200	66.90	66.15	67.78	68.45	0.45	0.25 1.25	
N0.4	0.400	1.600	66.50	66.05	67.68	68.35	0.25 1.25	1.05	
N0.5	0.400	2.000	66.20	65.95 64.95	67.58 66.58	68.25 67.25	1.05	1.15	
N0.6	0.400	2.400	65.90	64.85	66.48	67.15	1.15	1.05	
N0.7	0.400	2.800	65.90	64.75	66.38	67.05	1.05	0.75	
N0.8	0.400	3.200	65.70	64.65	66.28	66.95	0.75	0.45	
N0.9	0.400	3.600	65.30	64.55	66.18	66.85	0.45	0.55	
N0.10	0.400	4.000	64.90	64.45	66.08	66.75	0.55	0.65	
N0.11	0.400	4.400	64.90	64.35	65.98	66.65	0.65	0.35	
N0.12	0.400	4.800	64.90	64.25	65.88	66.55	0.35	0.25	
N0.13	0.400	5.200	64.50	64.15	65.78	66.45	0.25	0.25	
N0.14	0.400	5.600	64.30	64.05	65.68	66.35	0.25	0.05	
N0.15	0.400	6.000	64.20	63.95	65.58	66.25	0.05	0.95	
N0.16	0.400	6.400	63.90	63.85	65.48	66.15	1.25	1.35	
N0.17	0.400	6.800	64.70	63.75	65.38	66.05	1.35	1.05	
N0.18	0.400	7.200	64.90	63.65	65.28	65.95	0.75 0.75	0.94	
N0.19	0.400	7.600	64.20	63.55	65.18	65.85	0.94	0.93	
N0.20	0.400	8.000	64.80	63.45	65.08	65.75	1.01	1.10	
N0.21	0.400	8.400	64.70	63.35	64.98	65.65	0.98 0.88	0.78	
N0.22	0.400	8.800	64.30	63.25	64.88	65.55	0.78	0.27	
N0.23	0.400	9.200	63.90	63.15	64.78 64.68	65.45 65.30	0.27	0.16	
N0.24	0.400	9.600	64.00	63.06	64.59	65.21	0.16	0.25	
N0.25	0.400	10.000	63.90	62.97	64.50	65.12	0.25	0.74	
N0.26	0.400	10.400	63.90	62.88	64.42	65.04	0.74	0.62	
N0.27	0.400	10.800	63.90	62.80	64.33	64.95	0.62	0.31	
N0.28	0.400	11.200	63.20	62.71 62.21	64.24 63.74	64.86 64.36	0.31	0.60	
N0.29	0.400	11.600	62.90	62.12	63.65	64.27	0.60	0.29	
N0.30	0.400	12.000	62.30	62.03	63.56	64.18	0.29	0.08	
N0.31	0.400	12.400	62.10	61.94	63.47	64.09	0.08	0.27	
N0.32	0.400	12.800	62.10	61.85	63.38	64.00			
N0.33	0.400	13.200	62.50	61.76	63.29	63.91			
N0.34	0.400	13.600	62.30	61.68	62.92	63.38			
N0.35	0.400	14.000	61.90	61.59	62.83	63.29			
N0.36	0.400	14.400	62.10	61.50	62.74	63.20			
N0.37	0.400	14.800	61.70	61.41	62.65	63.11			
N0.38	0.400	15.200	61.40	61.32	62.56	63.02			
N0.39	0.400	15.600	61.50	61.23	62.47	62.93			



凡例

- TO - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調整ゲート
- D - 落差工
- W - 仮余水工

国際協力事業団	
受入 月日	'84.5.30
登録No.	10354
	AFT

SCALE A

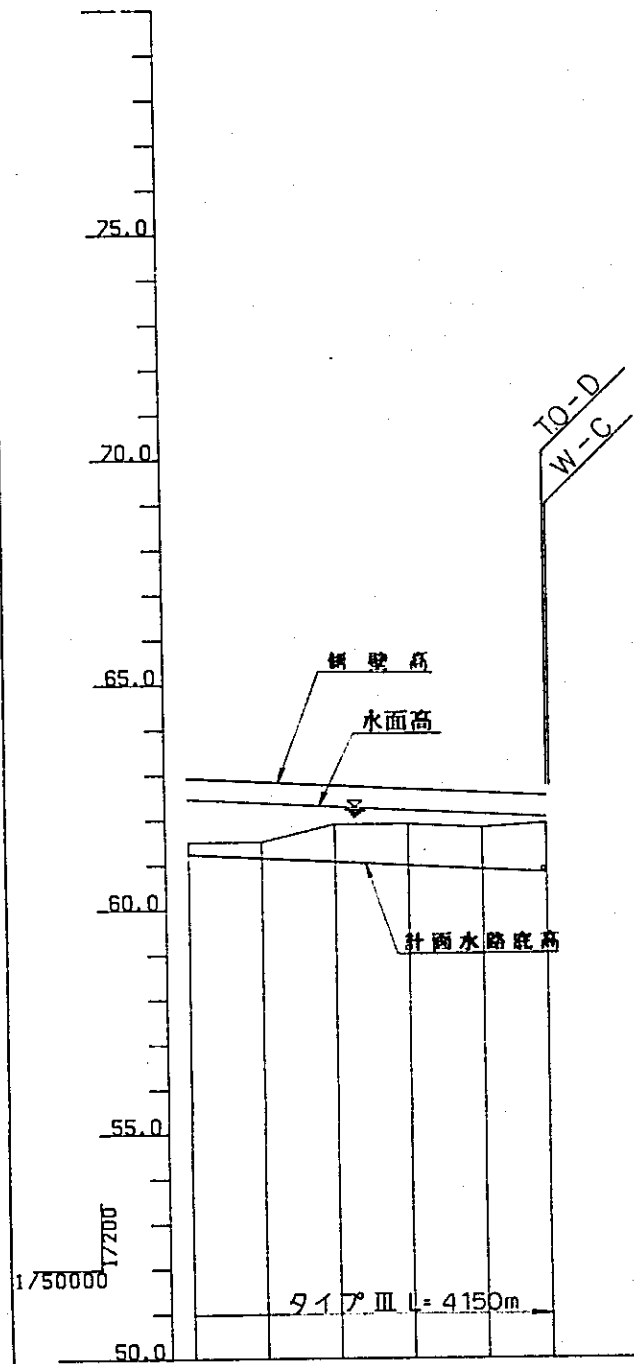


中国三江平原
竜頭橋典型区農業開発計画

国際協力事業団

幹線用水路
前進分路 断面図 (30/1)

用 - 13

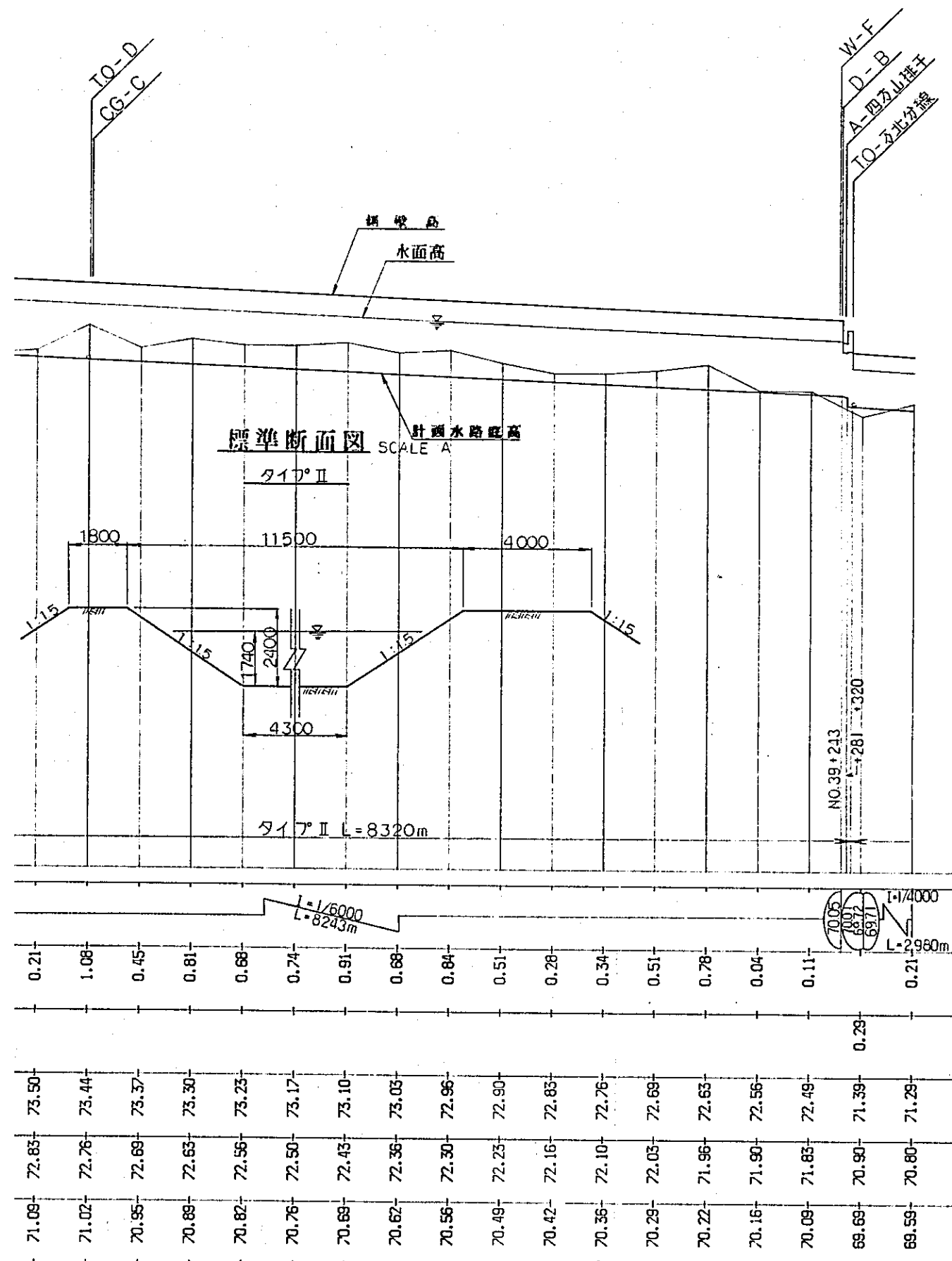


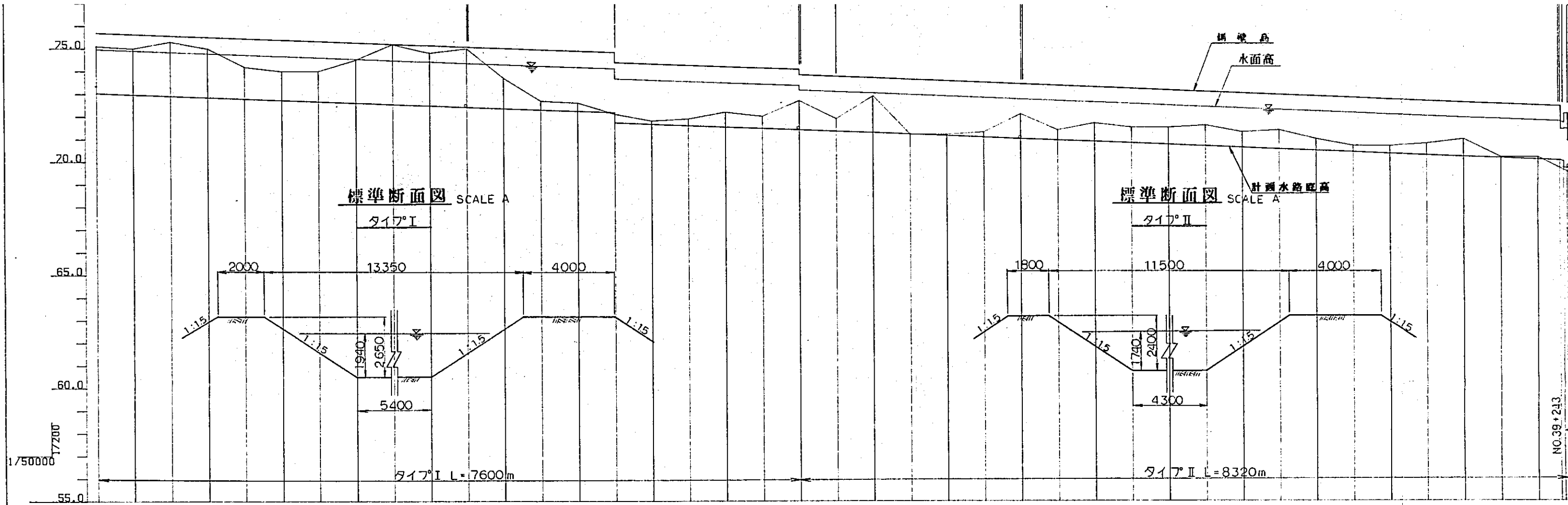
配 勾						
土 切	0.27	0.36	0.85	0.93	0.92	1.10
土 盛						
側 壁 高	62.93	62.84	62.75	62.67	62.58	62.50
水面高	62.47	62.38	62.29	62.21	62.12	62.04
両 路 底 高	.23	.14	.05	.97	.88	.80

凡 例

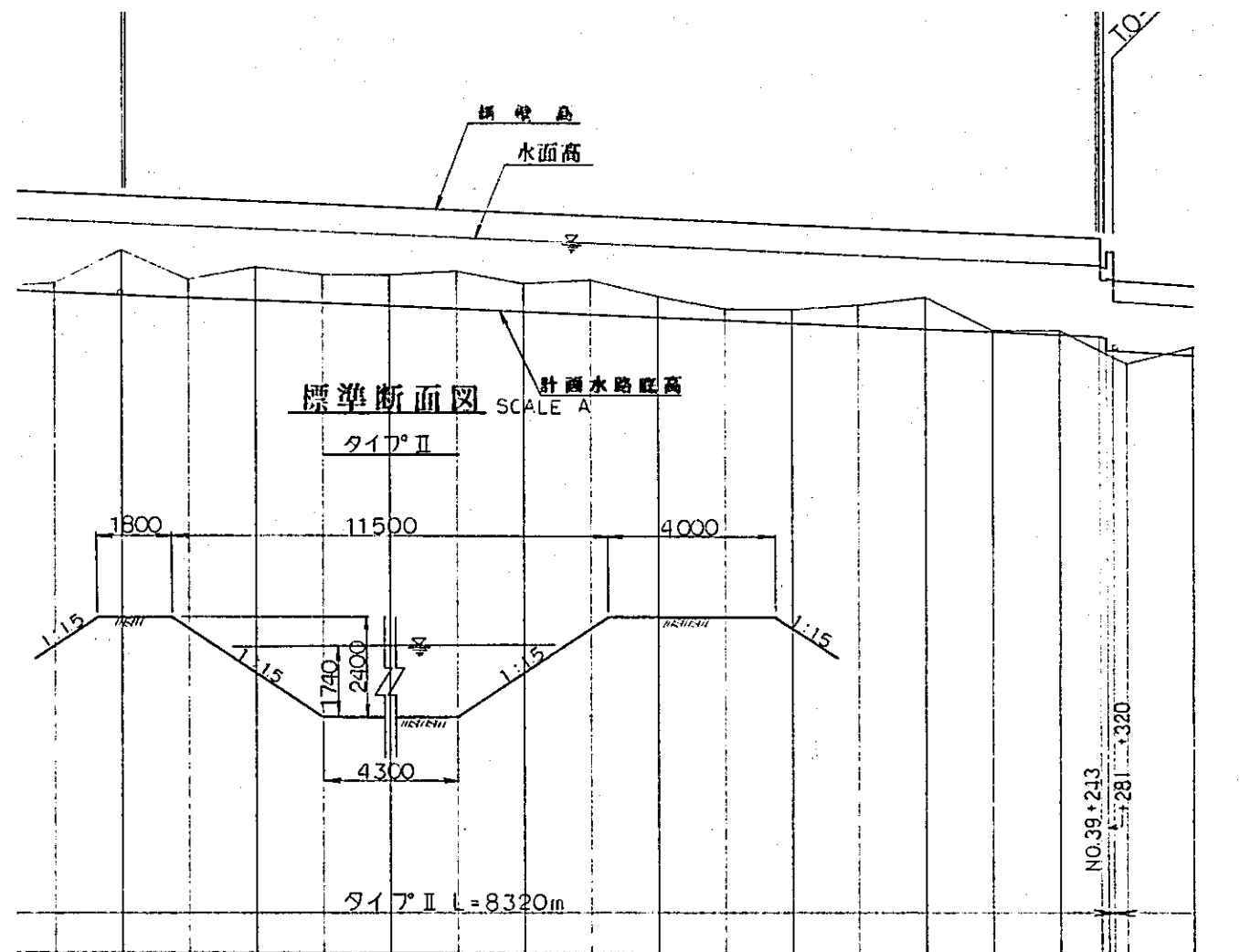
T.O -	分水工
A -	水路橋
S -	サイホン
C.G -	水位調節ゲート
D -	落差工
W -	放余水工

[illegible]



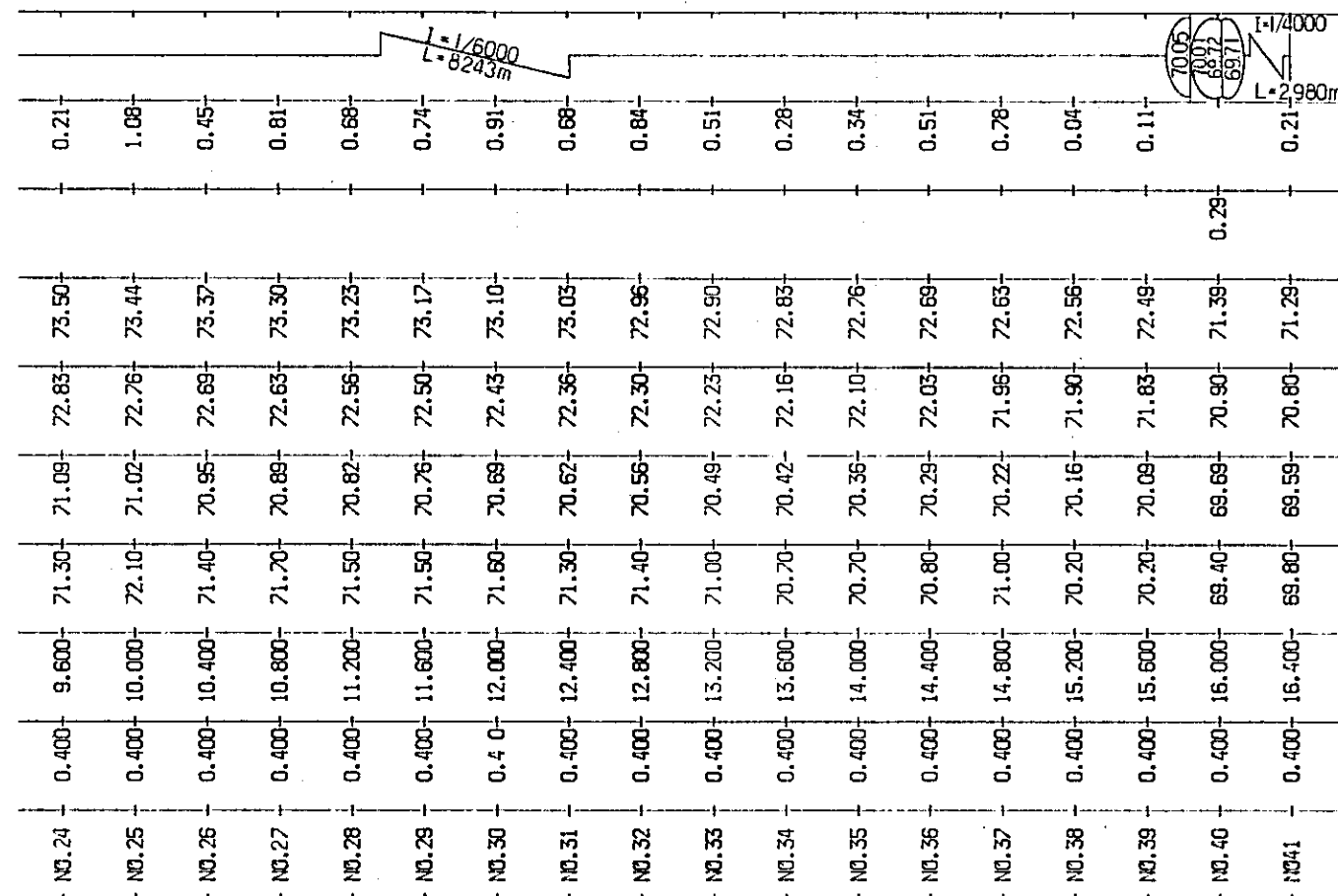


測点	区間距離	追加距離	地盤高	計水路底高	水面高	鋼梁高	橋土	切土	勾配
NO.0	0.00	0.00	75.10	73.04	74.98	75.69		2.06	73.04
NO.1	0.40	0.40	75.00	72.98	74.92	75.63		2.02	
NO.2	0.40	0.80	75.30	72.92	74.86	75.57		2.38	
NO.3	0.40	1.20	75.00	72.86	74.80	75.51		2.14	
NO.4	0.40	1.60	74.20	72.79	74.73	75.44		1.41	
NO.5	0.40	2.00	74.00	72.73	74.67	75.38		1.27	
NO.6	0.40	2.40	74.00	72.67	74.61	75.32		1.33	
NO.7	0.40	2.80	74.50	72.61	74.55	75.26		1.89	
NO.8	0.40	3.20	75.20	72.55	74.49	75.20		2.65	
NO.9	0.40	3.60	74.80	72.49	74.43	75.14		2.31	
NO.10	0.40	4.00	75.00	72.43	74.37	75.08		2.57	
NO.11	0.40	4.40	73.70	72.36	74.30	75.01		1.34	
NO.12	0.40	4.80	72.70	72.30	74.24	74.95		0.40	
NO.13	0.40	5.20	72.60	72.24	74.18	74.89		0.36	
NO.14	0.40	5.60	72.10	72.18	74.12	74.83		0.37	
NO.15	0.40	6.00	71.80	71.67	73.61	74.32	0.08	0.13	
NO.16	0.40	6.40	71.90	71.61	73.55	74.26		0.29	
NO.17	0.40	6.80	72.20	71.54	73.48	74.19		0.66	
NO.18	0.40	7.20	72.00	71.48	73.42	74.13		0.52	
NO.19	0.40	7.60	72.70	71.42	73.36	74.07		1.28	
NO.20	0.40	8.00	71.90	71.35	73.09	73.77		0.55	
NO.21	0.40	8.40	72.90	71.29	73.03	73.71		1.61	
NO.22	0.40	8.80	71.20	71.22	72.96	73.64	0.02		
NO.23	0.40	9.20	71.20	71.15	72.89	73.57		0.05	
NO.24	0.40	9.60	71.30	71.09	72.83	73.50		0.21	
NO.25	0.40	10.00	72.10	71.02	72.76	73.44		1.08	
NO.26	0.40	10.40	71.40	70.95	72.69	73.37		0.45	
NO.27	0.40	10.80	71.70	70.89	72.63	73.30		0.81	
NO.28	0.40	11.20	71.50	70.82	72.56	73.23		0.68	
NO.29	0.40	11.60	71.50	70.76	72.50	73.17		0.74	
NO.30	0.40	12.00	71.60	70.69	72.43	73.10		0.91	
NO.31	0.40	12.40	71.30	70.62	72.36	73.03		0.68	
NO.32	0.40	12.80	71.40	70.56	72.30	72.96		0.84	
NO.33	0.40	13.20	71.00	70.49	72.23	72.90		0.51	
NO.34	0.40	13.60	70.70	70.42	72.16	72.83		0.28	
NO.35	0.40	14.00	70.70	70.36	72.10	72.76		0.34	
NO.36	0.40	14.40	70.80	70.29	72.03	72.69		0.51	
NO.37	0.40	14.80	71.00	70.22	71.96	72.63		0.78	
NO.38	0.40	15.20	70.20	70.16	71.90	72.56		0.04	
NO.39	0.40	15.60	70.20	70.09	71.83	72.49		0.11	



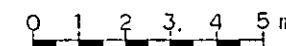
凡例

- I.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 板余水工



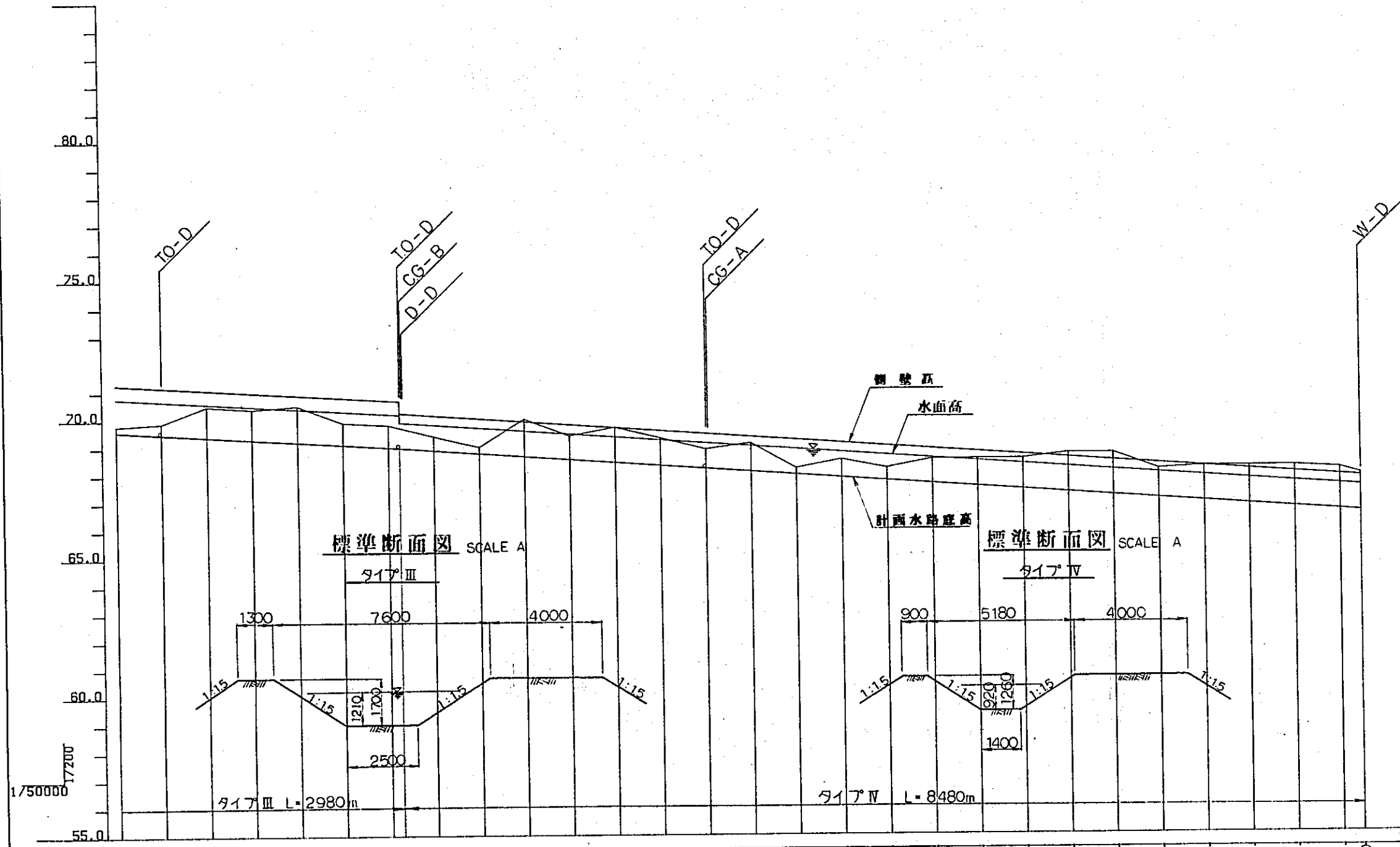
国際協力事業団		
参入 月日	'84. 5. 30	105
登録No.	10354	80.7
		AFT

SCALE A

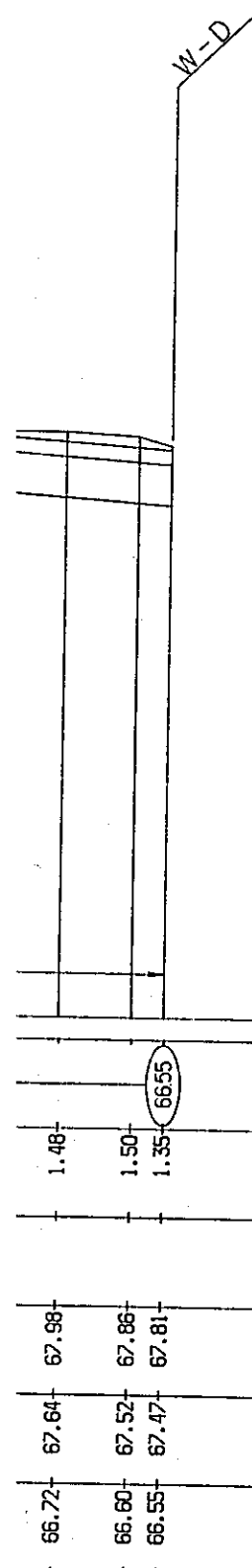


中国三江平原
竜頭橋典型区農業開発計画

国際協力事業団
幹線用水路
断面図 (その1)

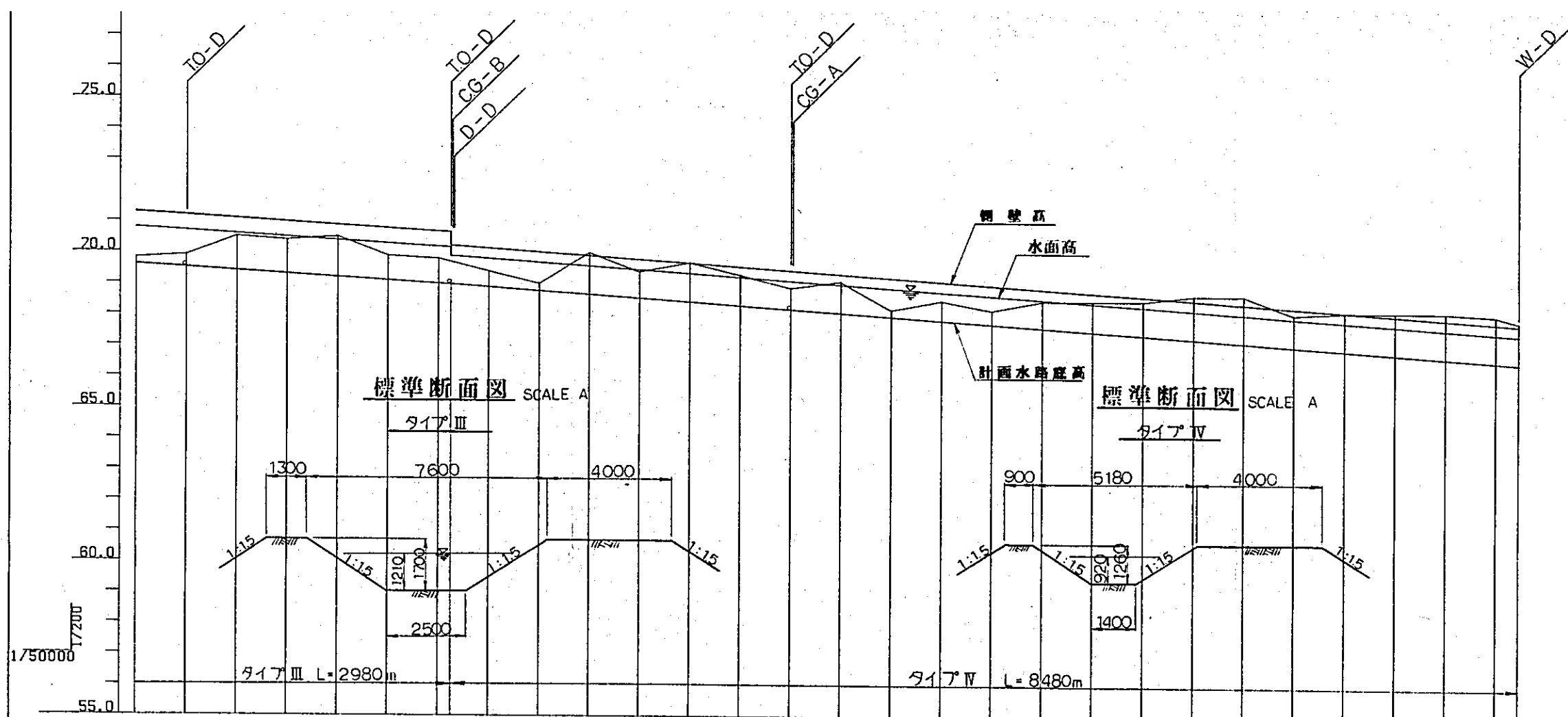


断面距離	水面高	堤防高	切土	勾配
59	70.80	71.29	0.21	I=1/4000 L=2980m
49	70.70	71.19	0.41	
39	70.60	71.09	1.11	
29	70.50	70.99	1.11	
19	70.40	70.89	1.31	
09	70.30	70.79	0.81	I=1/3500 L=8480m
99	70.20	70.69	0.81	
88	69.80	70.14	0.52	
77	69.69	70.03	0.23	
66	69.59	69.92	1.34	
54	69.49	69.80	0.88	
43	69.35	69.69	1.27	
31	69.23	69.57	0.99	
20	69.12	69.46	0.70	
09	69.01	69.35	1.01	
97	68.89	69.23	0.23	
86	68.78	69.12	0.64	
74	68.66	69.00	0.46	
63	68.55	68.89	0.87	
51	68.43	68.77	0.99	
40	68.32	68.66	1.10	
29	68.21	68.55	1.41	
17	68.09	68.43	1.53	
06	67.98	68.32	1.04	
94	67.86	68.20	1.26	
83	67.75	68.09	1.37	
72	67.64	67.98	1.48	
60	67.52	67.86	1.50	
55	67.47	67.81	1.35	

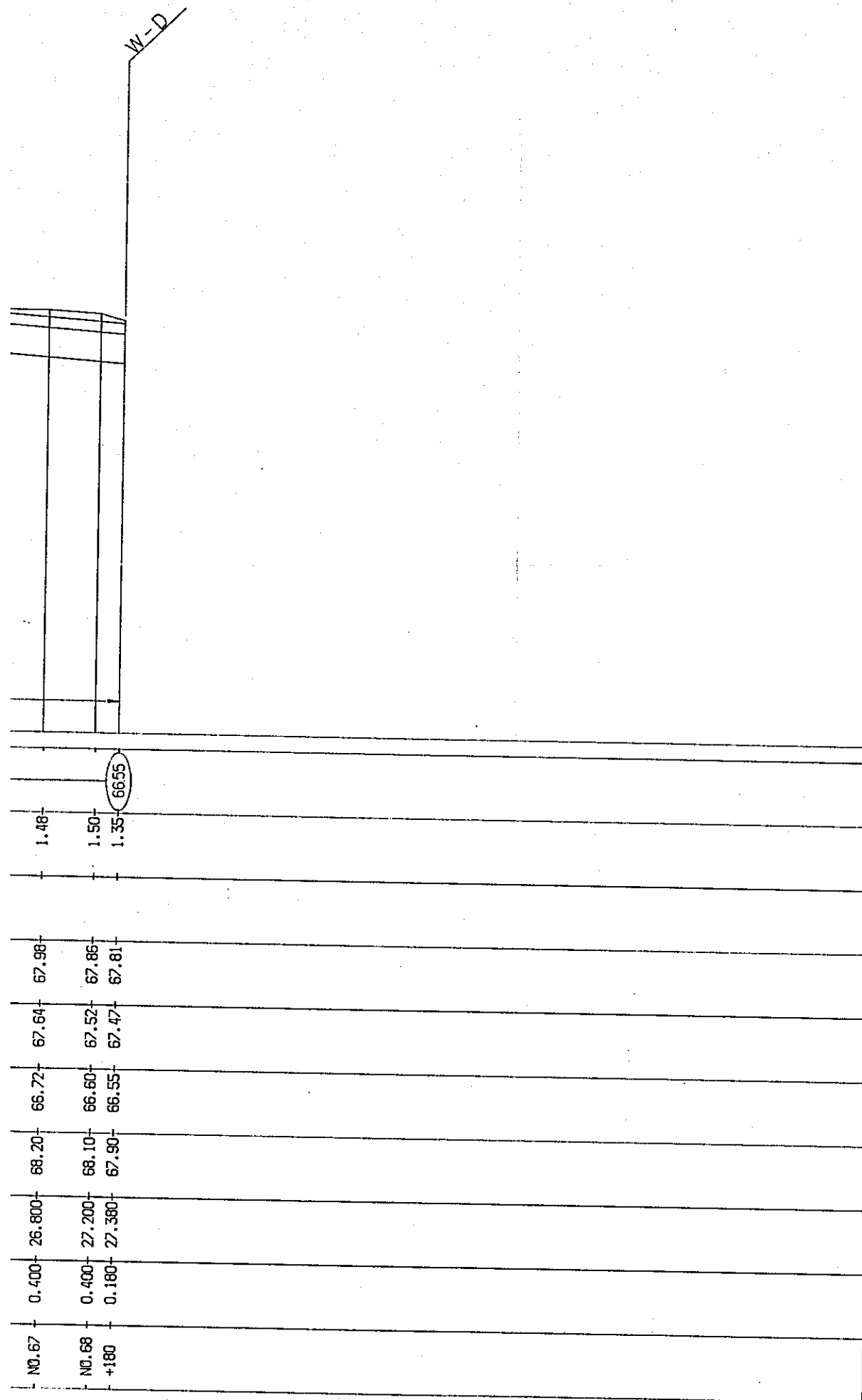


凡 例

- I.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 板余水工



河点	区間距離	加算距離	地盤高	計画水路底高	水面高	欄架高	盛土	切土	勾配
N0.41	0.400	16.400	69.80	69.59	70.80	71.29		0.21	I=1/4000 L=2980m
N0.42	0.400	16.800	69.90	69.49	70.70	71.19		0.41	
N0.43	0.400	17.200	70.50	69.39	70.60	71.09		1.11	I=1/3500 L=8480m
N0.44	0.400	17.600	70.40	69.29	70.50	70.99		1.11	
N0.45	0.400	18.000	70.50	69.19	70.40	70.89		1.31	(68.97)
N0.46	0.400	18.400	69.90	69.09	70.30	70.79		0.81	
N0.47	0.400	18.800	69.80	68.99	70.20	70.69		0.81	I=1/3500 L=8480m
N0.48	0.400	19.200	69.40	68.89	69.80	70.14		0.52	
N0.49	0.400	19.600	69.00	68.77	69.69	70.03		0.23	(66.55)
N0.50	0.400	20.000	70.00	68.66	69.58	69.92		1.34	
N0.51	0.400	20.400	69.40	68.54	69.46	69.80		0.86	
N0.52	0.400	20.800	69.70	68.43	69.35	69.69		1.27	
N0.53	0.400	21.200	69.30	68.31	69.23	69.57		0.99	
N0.54	0.400	21.600	68.90	68.20	69.12	69.46		0.70	
N0.55	0.400	22.000	69.10	68.09	69.01	69.35		1.01	
N0.56	0.400	22.400	68.20	67.97	68.89	69.23		0.23	
N0.57	0.400	22.800	68.50	67.86	68.78	69.12		0.64	
N0.58	0.400	23.200	68.20	67.74	68.66	69.00		0.46	
N0.59	0.400	23.600	68.50	67.63	68.55	68.89		0.87	
N0.60	0.400	24.000	68.50	67.51	68.43	68.77		0.99	
N0.61	0.400	24.400	68.50	67.40	68.32	68.66		1.10	
N0.62	0.400	24.800	68.70	67.29	68.21	68.55		1.41	
N0.63	0.400	25.200	68.70	67.17	68.09	68.43		1.53	
N0.64	0.400	25.600	68.10	67.06	67.98	68.32		1.04	
N0.65	0.400	26.000	68.20	66.94	67.86	68.20		1.26	
N0.66	0.400	26.400	68.20	66.83	67.75	68.09		1.37	
N0.67	0.400	26.800	68.20	66.72	67.64	67.98		1.48	
N0.68	0.400	27.200	68.10	66.60	67.52	67.86		1.50	
+180	0.180	27.380	67.90	66.55	67.47	67.81		1.35	



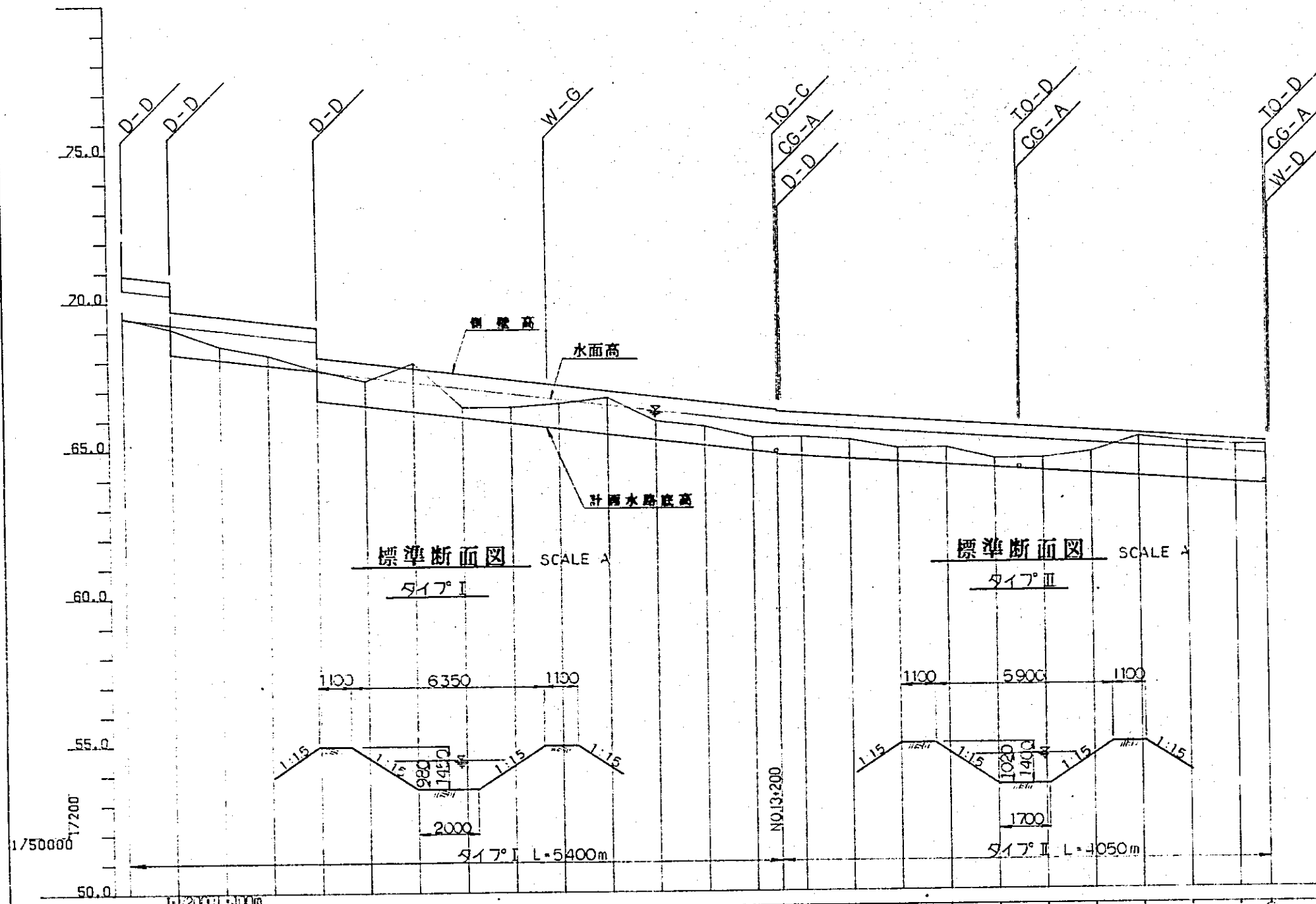
凡 例

- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 放余水工

国際協力事業団		
受入 月日	'84. 5. 30	105
登録No.	10354	80.7
		AFT

SCALE A
0 1 2 3 4 5 m

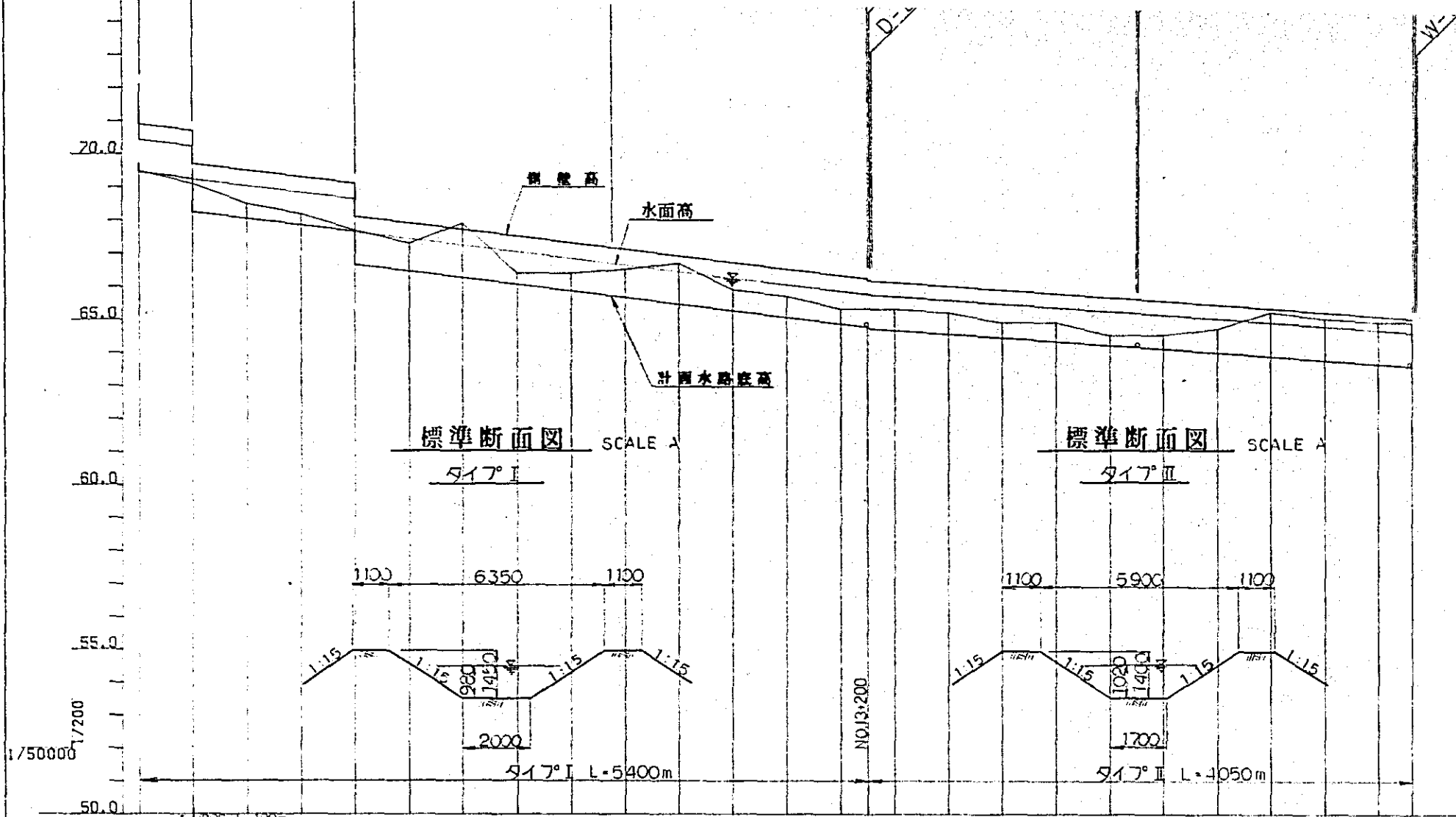
中国 三 江 平 原 竜頭橋典型区農業開発計画	
国際協力事業団	
幹線用水路 万北線 縦断面図 (その2)	
用 - 16	



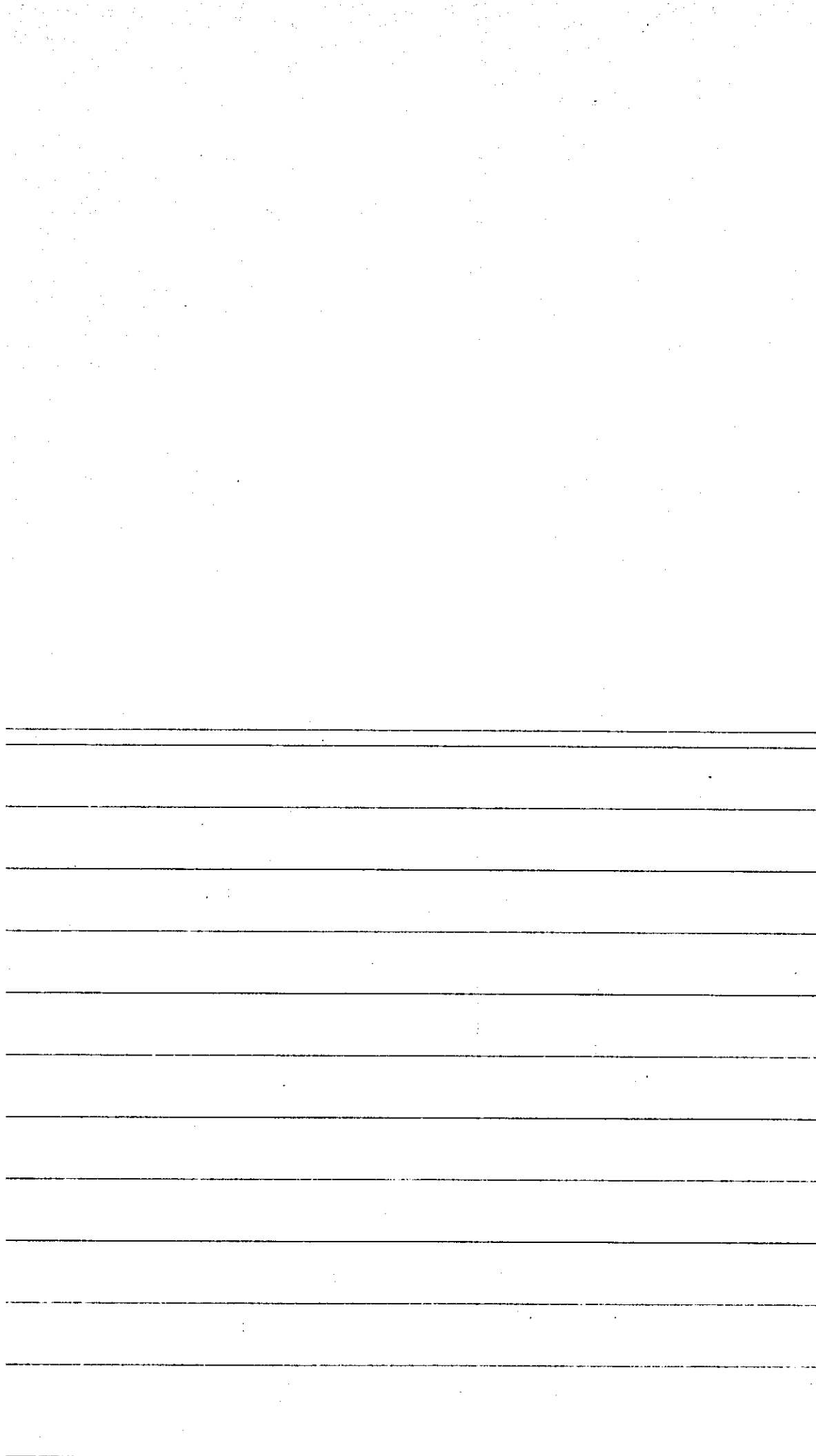
断面位置	水面高	橋脚高	盛土	切土	勾配
68.71 69.46	71.45 70.44	72.11 70.91	0.21	0.04	1:2000 L=100m
69.26 68.26	70.24 69.24	70.71 69.71	0.16	0.84	1:2000 L=7200m
68.06	69.04	69.51		0.44	
67.86	68.84	69.31		0.34	
67.66 66.66	68.64 67.64	69.11 68.11		0.04 1.04	1:2000 L=3800m
66.46	67.44	67.91		0.84	
66.26	67.24	67.71		1.64	
66.06	67.04	67.51		0.34	
65.86	66.84	67.31		0.54	
65.66	66.64	67.11		0.84	
65.46	66.44	66.91		1.24	
65.26	66.24	66.71		0.64	
65.06	66.04	66.51		0.64	
64.86	65.84	66.31		0.44	
64.67	65.69	66.07		0.63	
64.56	65.58	65.96		0.64	
64.46	65.46	65.84		0.46	
64.33	65.35	65.73		0.57	
64.22	65.24	65.62		0.28	
64.10	65.12	65.55		0.40	
63.99	65.01	65.39		0.71	
63.87	64.89	65.27		1.33	
63.76	64.78	65.16		1.24	
63.64	64.66	65.04		1.26	
63.57	64.59	64.97		1.33	

凡 例

- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 板余水工



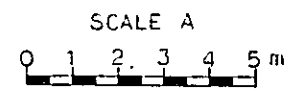
測点	区間距離	累積距離	地盤高	計水路底高	水面高	欄干高	竣工高	切土勾配
N0.0	0.000	0.000	68.50	68.71 68.46	71.45 70.44	72.11 70.91	0.21	0.04 69.71 69.46
N0.1	0.400	0.400	68.10	68.26 68.26	70.24 69.24	70.71 69.71	0.16	0.84 69.26 68.96
N0.2	0.400	0.800	68.50	68.06	69.04	69.51		0.44
N0.3	0.400	1.200	68.20	67.86	68.84	69.31		0.34
N0.4	0.400	1.600	67.70	67.66 67.66	68.64 67.64	69.11 68.11		0.04 1.04
N0.5	0.400	2.000	67.30	66.46	67.44	67.91		0.84
N0.6	0.400	2.400	67.90	66.26	67.24	67.71		1.64
N0.7	0.400	2.800	66.40	66.06	67.04	67.51		0.34
N0.8	0.400	3.200	66.40	65.86	66.84	67.31		0.54
N0.9	0.400	3.600	66.50	65.66	66.64	67.11		0.84
N0.10	0.400	4.000	66.70	65.46	66.44	66.91		1.24
N0.11	0.400	4.400	65.90	65.26	66.24	66.71		0.64
N0.12	0.400	4.800	65.70	65.06	66.04	66.51		0.64
N0.13	0.400	5.200	65.30	64.86	65.84	66.31		0.44
N0.14	0.400	5.600	65.30	64.67	65.69	66.07		0.63 64.76 64.73
N0.15	0.400	6.000	65.20	64.56	65.58	65.96		0.64
N0.16	0.400	6.400	64.90	64.44	65.46	65.84		0.46
N0.17	0.400	6.800	64.90	64.33	65.35	65.73		0.57
N0.18	0.400	7.200	64.50	64.22	65.24	65.62		0.28
N0.19	0.400	7.600	64.50	64.10	65.12	65.55		0.40 1.3500 L=4050m
N0.20	0.400	8.000	64.70	63.99	65.01	65.39		0.71
N0.21	0.400	8.400	65.20	63.87	64.89	65.27		1.33
N0.22	0.400	8.800	65.00	63.76	64.78	65.16		1.24
N0.23	0.400	9.200	64.90	63.64	64.65	65.04		1.26
+250	0.250	9.450	64.90	63.57	64.59	64.97		1.33 63.57



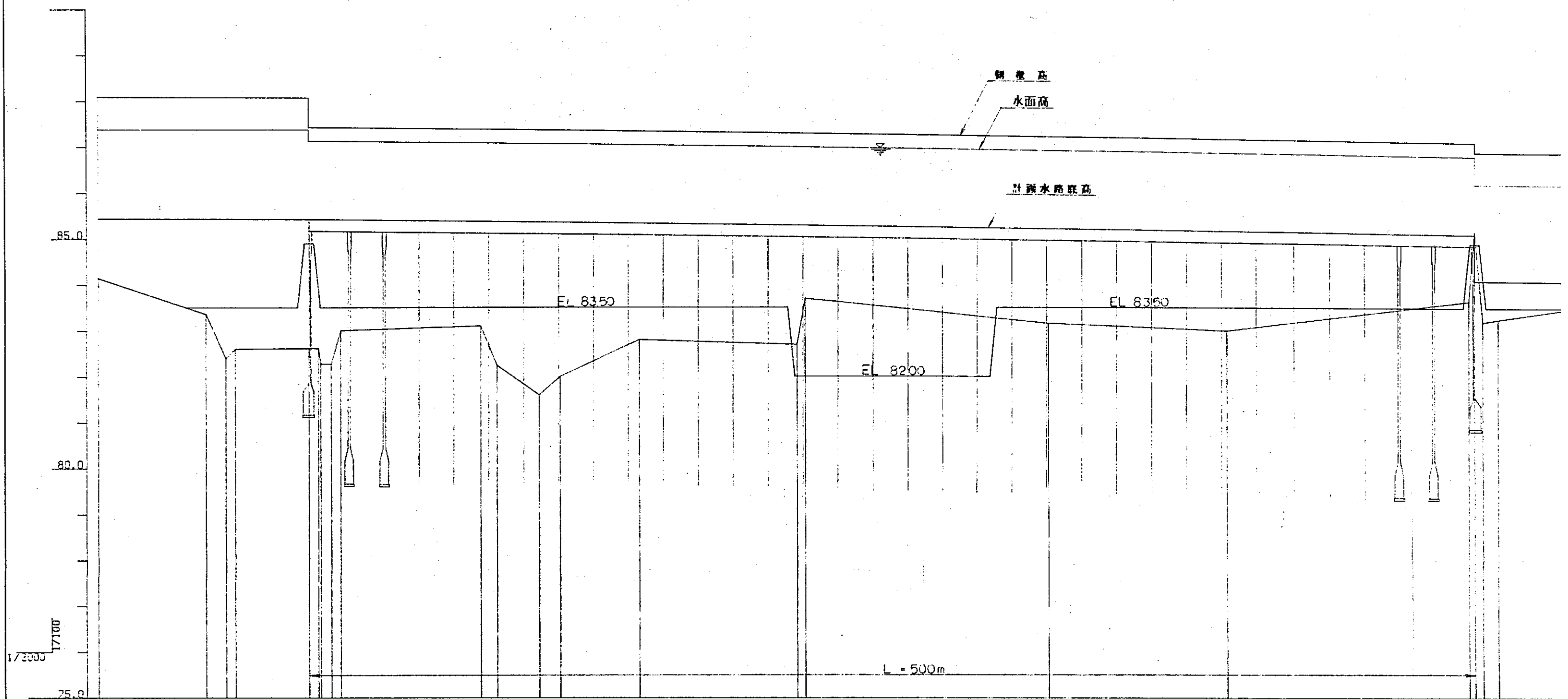
凡 例

- T.O - 分水工
- A - 水路橋
- S - サイホン
- C.G - 水位調節ゲート
- D - 落差工
- W - 板余水工

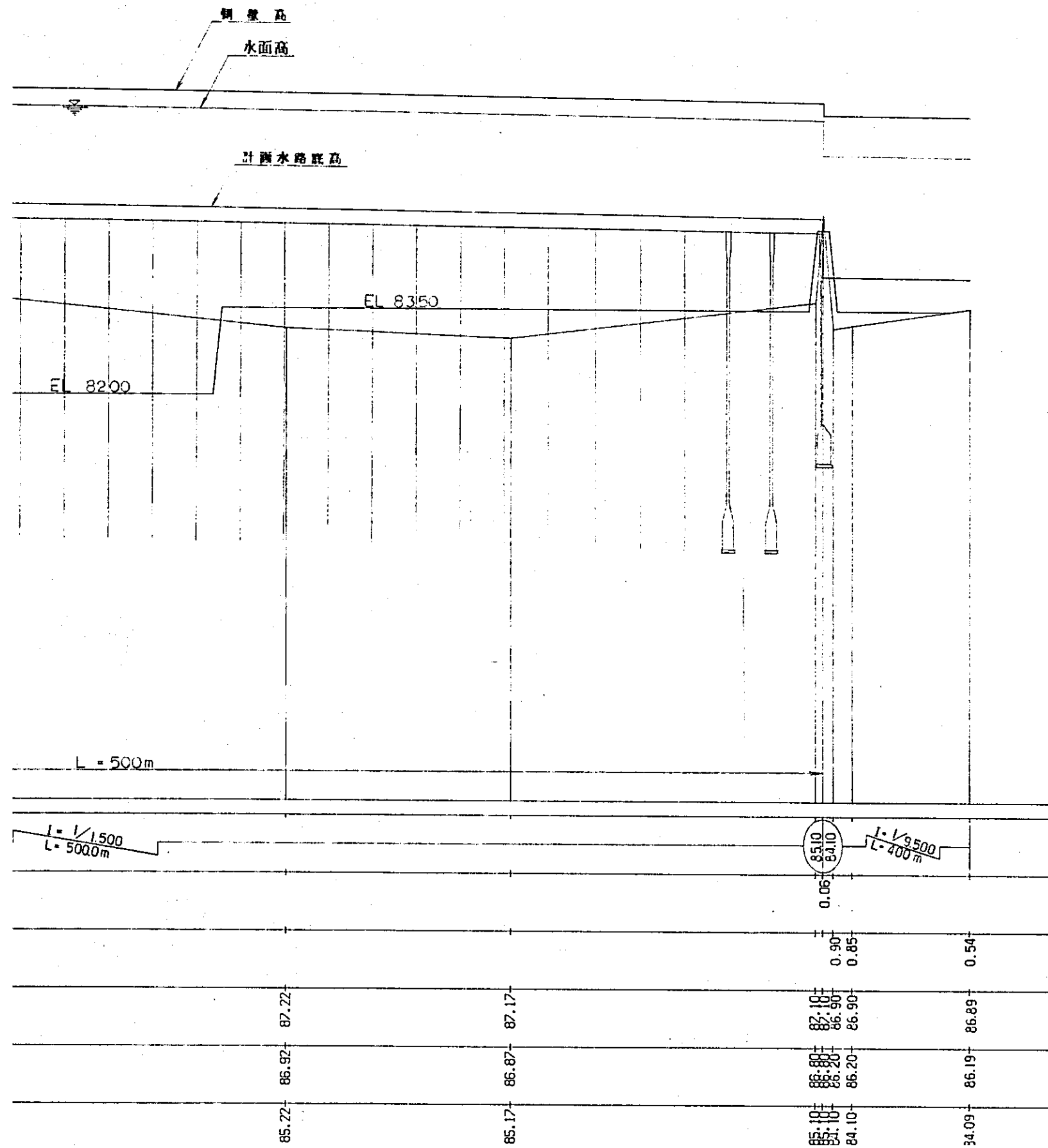
国際協力事業団	
受入 月日 '84. 5. 30	105
登録No. 10354	86.7
	AFT

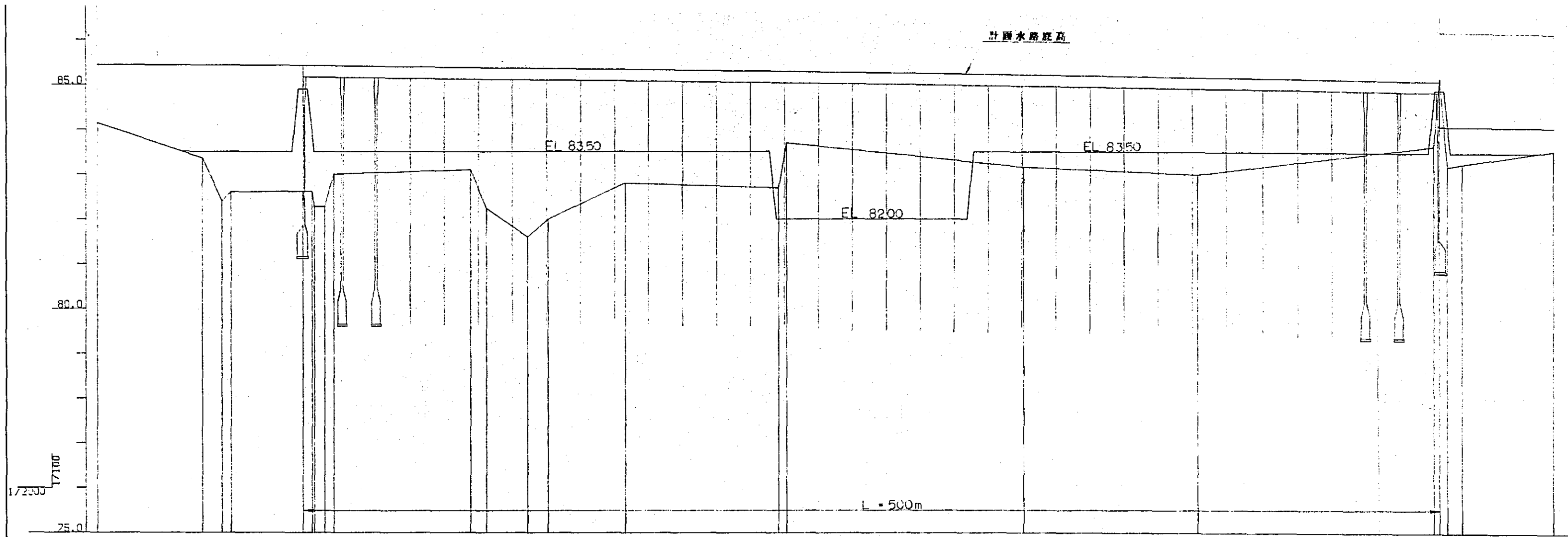


中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
幹線用水路 万北分線 複断面図	
用 - 17	

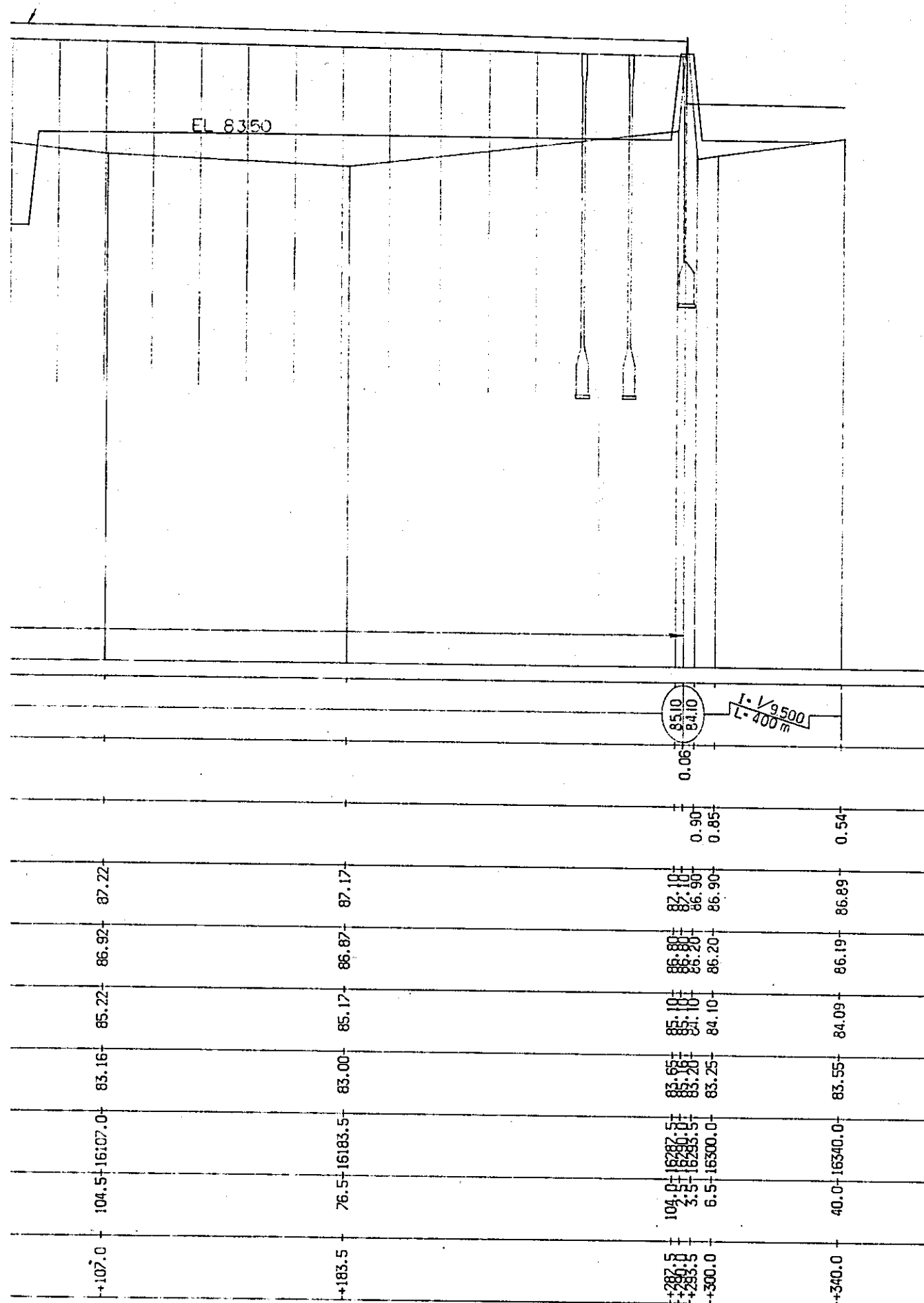


道路高	水面高	鋼管高	填土	切土	勾配
5.44	87.39	88.09	1.29		$I = 1/6500$ $L = 6200m$
5.44	87.39	88.09	2.08		
5.43	87.39	88.09	3.04		
5.43	87.38	88.08	2.83		
5.43	87.13	87.43	2.81		$I = 1/1500$ $L = 5000m$
5.43	87.13	87.43			
5.42	87.12	87.42			
5.42	87.12	87.42			
15.38	87.08	87.38			
15.38	87.08	87.38			
15.36	87.06	87.36			
15.36	87.06	87.36			
15.34	87.04	87.34			
15.28	86.98	87.28			
15.28	86.98	87.28			
15.22	86.92	87.22			
15.17	86.87	87.17			$I = 1/950$ $L = 400m$
5.10	86.80	87.10	0.90		
4.10	86.20	86.90	0.85		
4.10	86.20	86.90			





断面距離	加高距離	地盤高	計開水路底高	水面高	調整高	壘上	切上	勾配
+100.0	0.0+15700.0	84.15	85.44	87.39	88.09	1.29		$I = 1/6500$ $L = 6200m$
+146.0	46.0+15746.0	83.36	85.44	87.39	88.09	2.08		
+154.5	8.5+15754.5	82.40	85.44	87.39	88.09	3.04		
+158.5	4.0+15758.5	82.60	85.43	87.38	88.08	2.83		
+190.0	31.5+15790.0	82.62	85.43	87.13	87.43	2.81		
+194.0	4.0+15794.0	82.56	85.43	87.13	87.43			
+198.5	4.5+15798.5	82.28	85.42	87.12	87.42			
+203.5	4.0+15803.5	83.00	85.42	87.12	87.42			
+263.5	60.0+15863.5	83.10	85.38	87.08	87.38			
+270.5	7.0+15870.5	82.24	85.38	87.08	87.38			
+288.5	18.0+15888.5	81.60	85.36	87.06	87.36			
+297.5	9.0+15897.5	82.00	85.36	87.06	87.36			
+331.5	34.0+15931.5	82.80	85.34	87.04	87.34			
+398.0	62.5+15998.5	83.70	85.28	86.88	87.28			$I = 1/1500$ $L = 5000m$
+404.25	5.7+16004.25	83.70	85.28	86.88	87.28			
+107.0	104.5+16107.0	83.16	85.22	86.92	87.22			
+183.5	76.5+16183.5	83.00	85.17	86.87	87.17			
+287.5	104.0+16287.5	83.65	85.18	86.88	87.18			
+293.5	5.5+16293.5	83.20	85.18	86.88	87.18			
+300.0	6.5+16300.0	83.25	84.10	86.20	86.90	0.90	0.06	$I = 1/9500$ $L = 400m$
+340.0	40.0+16340.0	83.55	84.09	86.19	86.89	0.54		

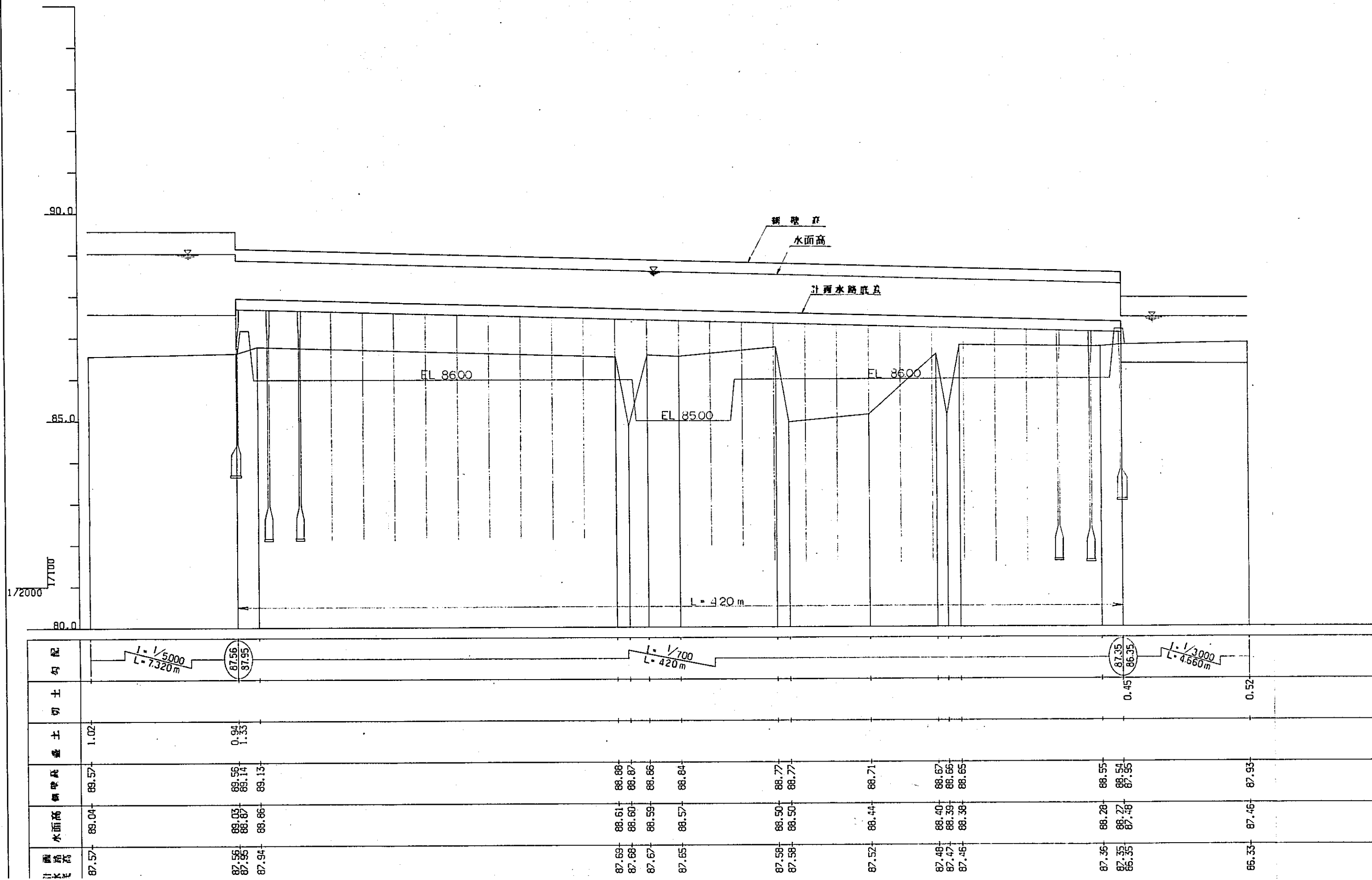


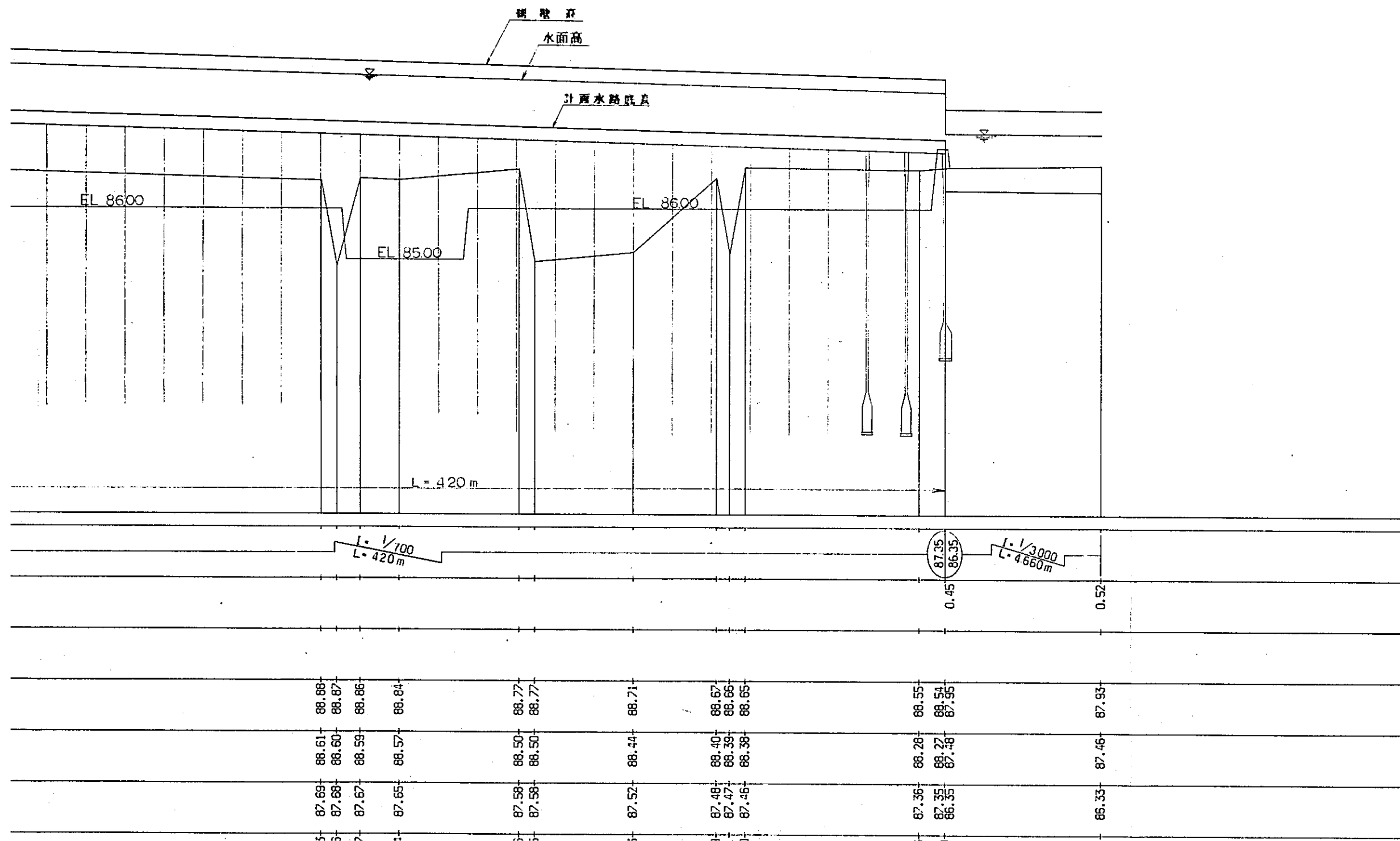
国際協力事業団	
受入 月日	'84.5.30
登録No.	10354
	AFT

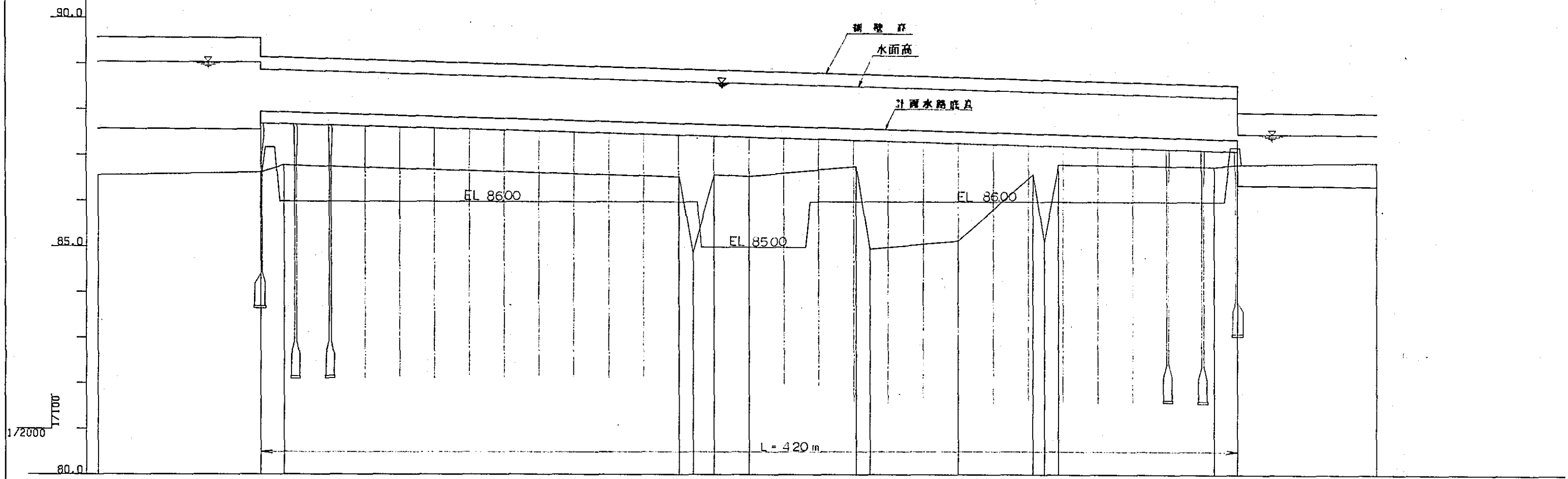
中国三江平原
竜頭橋典型区農業開発計画

国際協力事業団
幹線用水路 十八里線
宝石川水路橋断面図

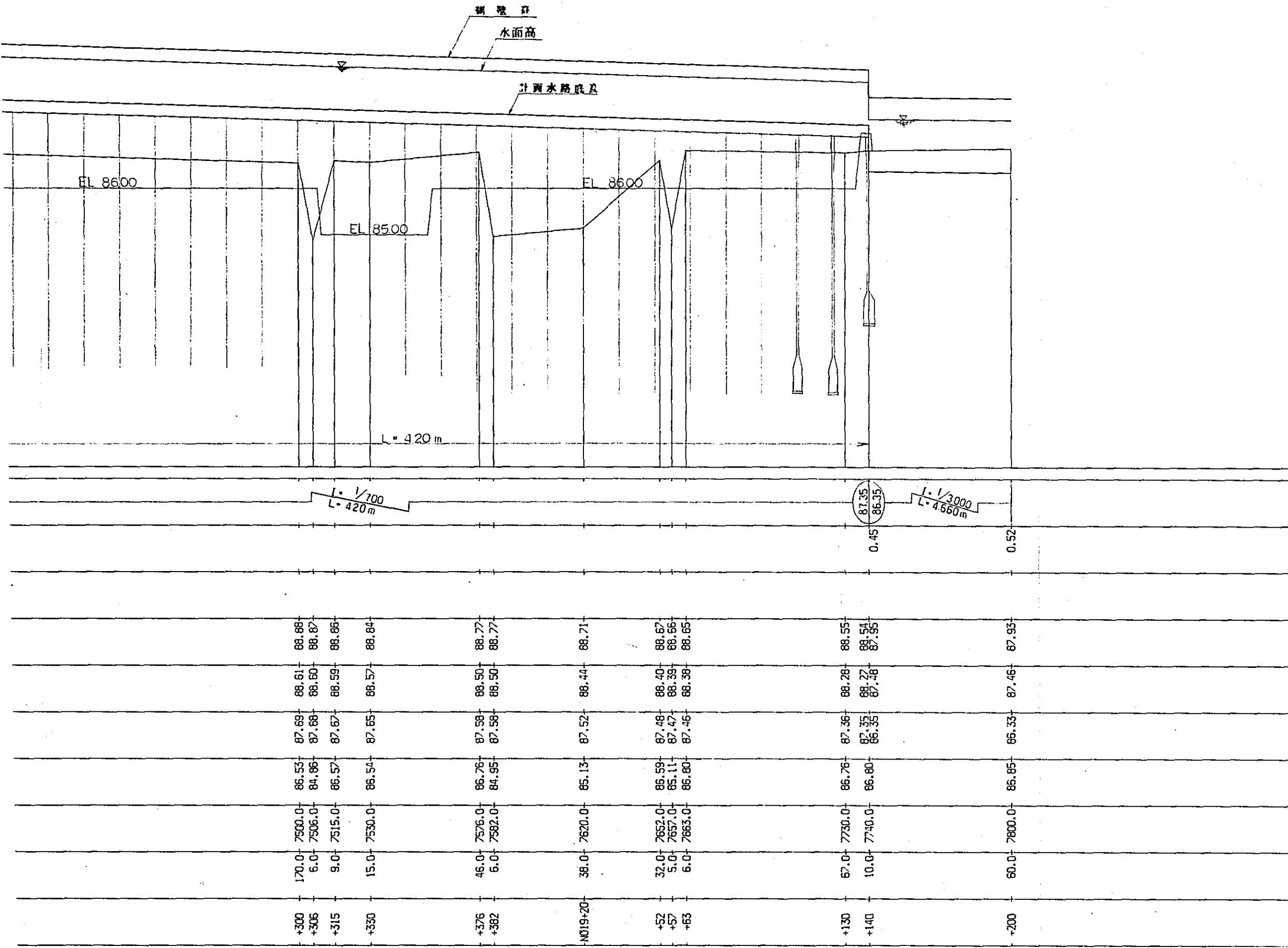
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測点	区間距離	追加距離	地盤高	計開水路底点	水面高	調整高	盛土	切土	勾配
N018+50	0.0	7250.0	86.55	87.57	89.04	89.57	1.02		$I = 1/5000$ $L = 7.320m$
+120	70.0	7320.0	86.62	87.56 87.95	89.03 89.67	89.56 89.14	0.94 1.33		
+130	10.0	7330.0	86.78	87.94	89.66	89.13			
+300	170.0	7500.0	86.53	87.69	88.61	88.88			
+306	6.0	7506.0	84.86	87.68	88.60	88.87			
+315	9.0	7515.0	86.57	87.67	88.59	88.86			
+330	15.0	7530.0	86.54	87.65	88.57	88.84			$I = 1/100$ $L = 420m$
+376	46.0	7576.0	86.76	87.58	88.50	88.77			
+382	6.0	7582.0	84.95	87.58	88.50	88.77			
N019+20	38.0	7620.0	85.13	87.52	88.44	88.71			
+52	32.0	7652.0	86.59	87.48	88.40	88.67			
+57	5.0	7657.0	85.11	87.47	88.39	88.66			
+63	6.0	7663.0	86.80	87.46	88.38	88.65			
+130	67.0	7730.0	86.76	87.36	88.28	88.55			
+140	10.0	7740.0	86.80	87.35 86.35	88.27 87.48	88.54 87.95			$I = 1/3000$ $L = 4.660m$
+200	60.0	7800.0	86.85	86.33	87.46	87.93			



国際協力事業団

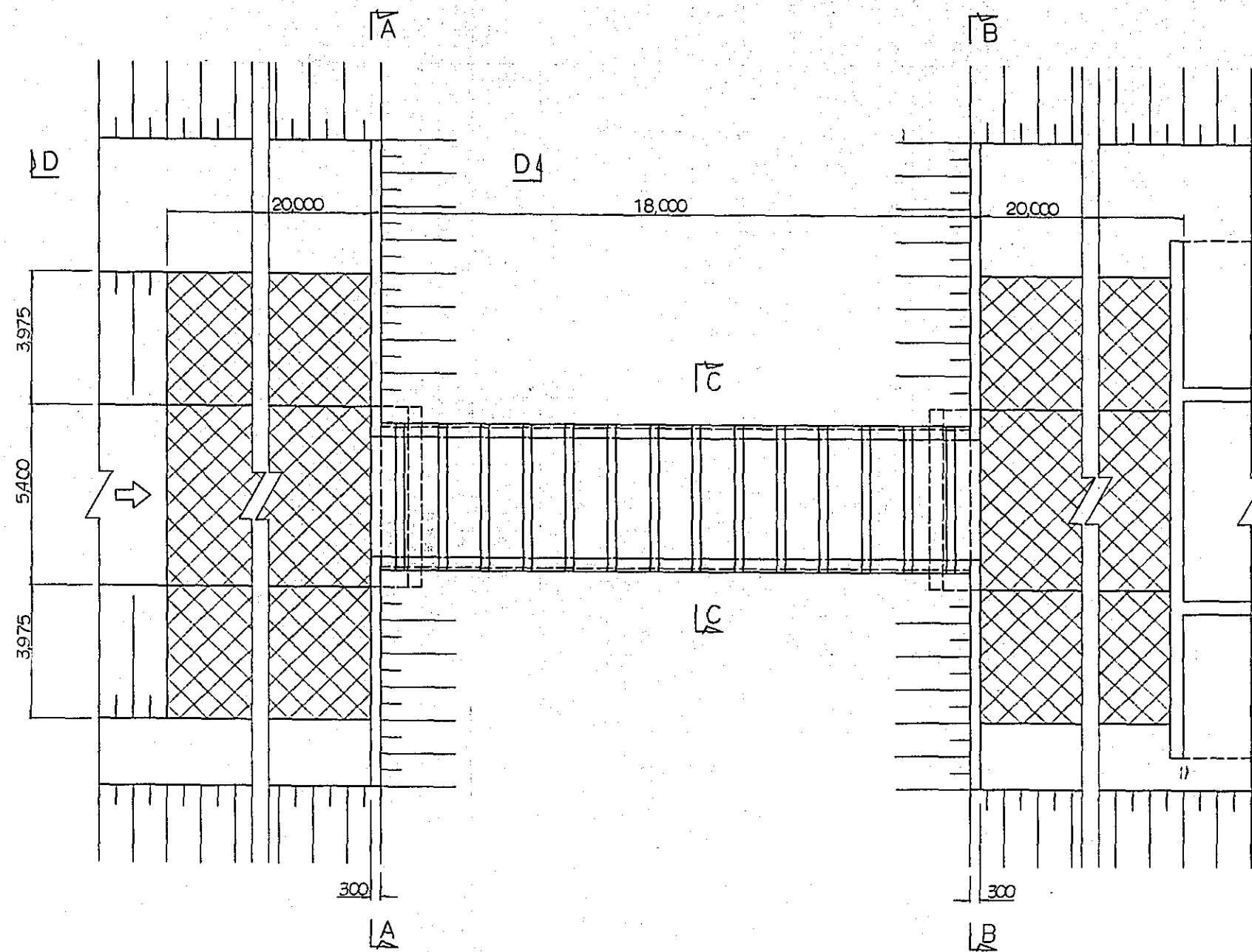
受入 月日	84. 5. 30	105
登録No.	10354	80.7
		AET

中国三江平原
竜頭橋典型区農業開発計画

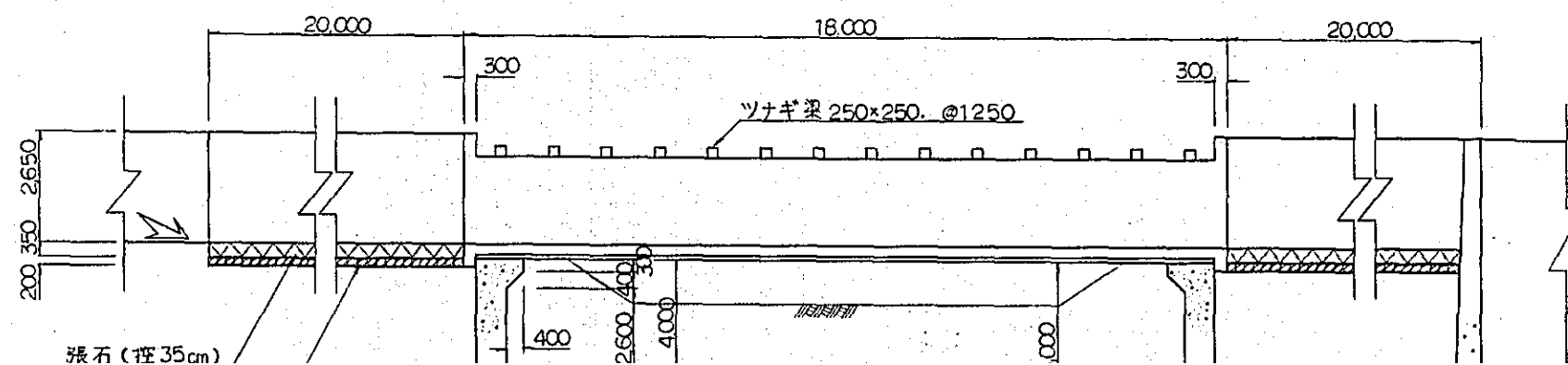
国際協力事業団
幹線用水路・頭道崗右岸線
色金別川水路橋樑断面図

用 - 19

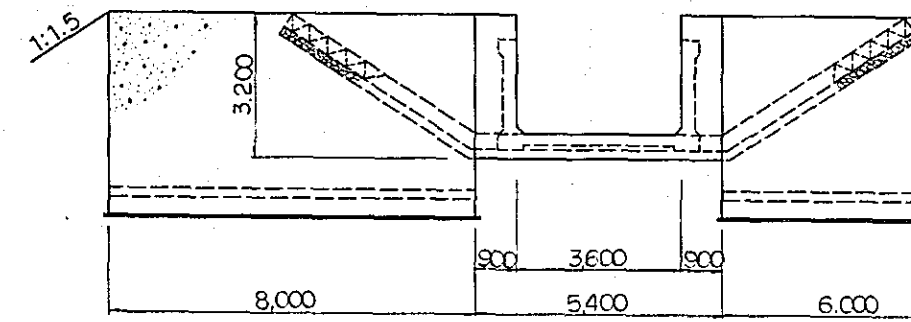
平面图



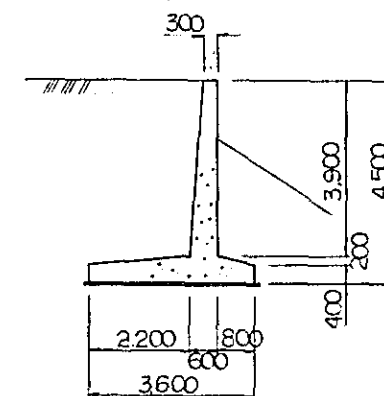
縦断図



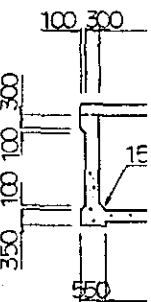
A-A 断面图
B-B 断面图



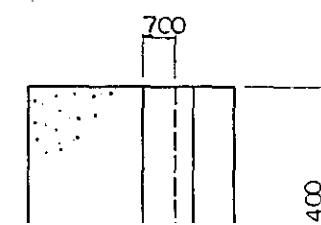
D-D 断面图



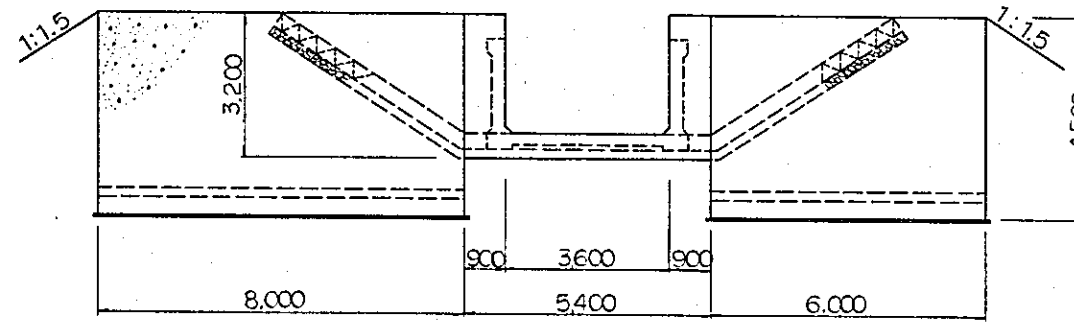
C-C



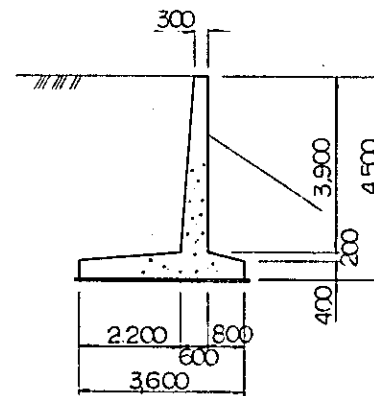
橋台平面圖



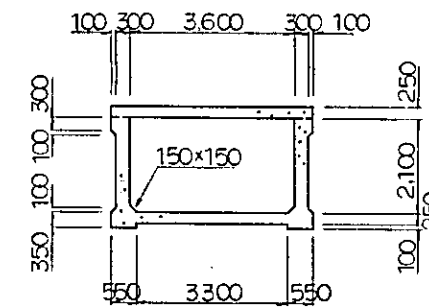
A-A 断面图
B-B 断面图



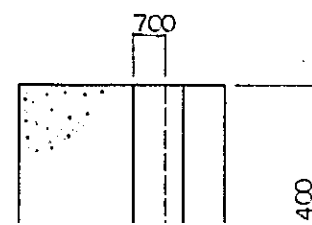
D-D 断面图

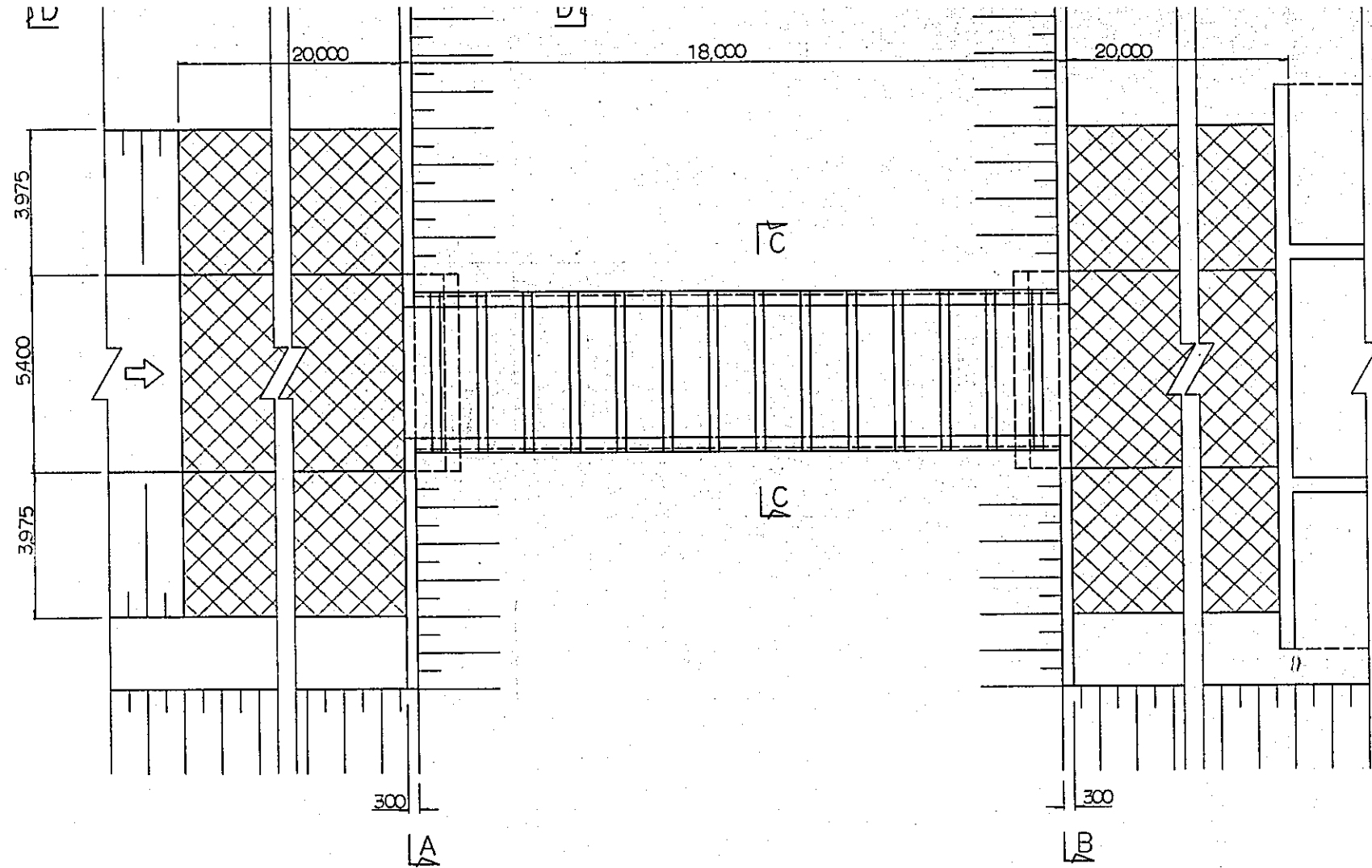


C-C 断面图

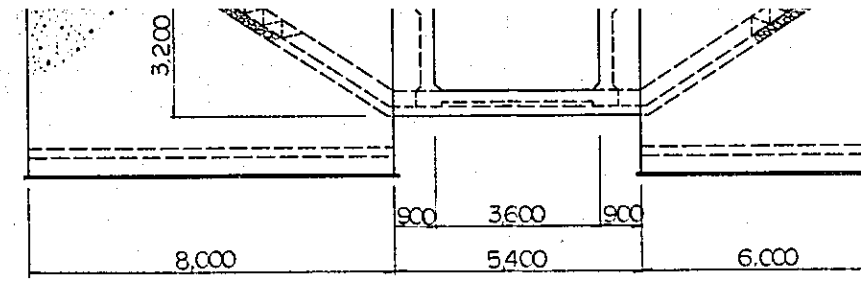
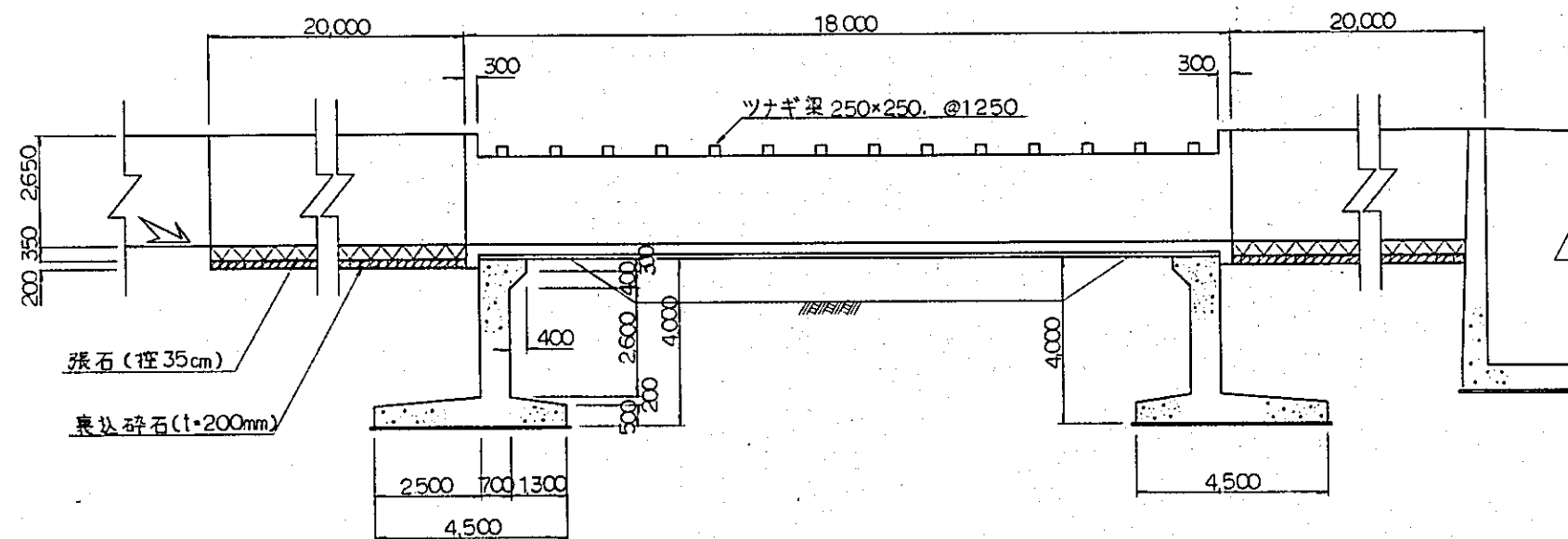


橋台平面图

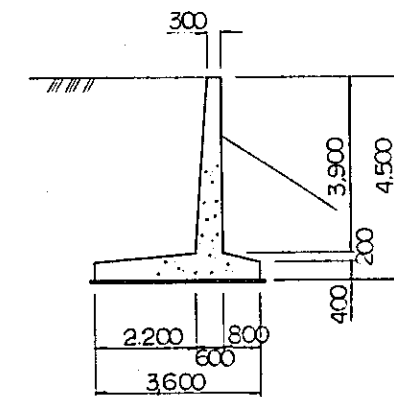




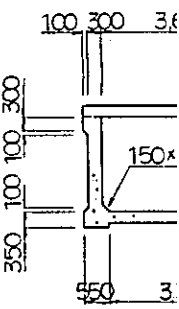
縦断図



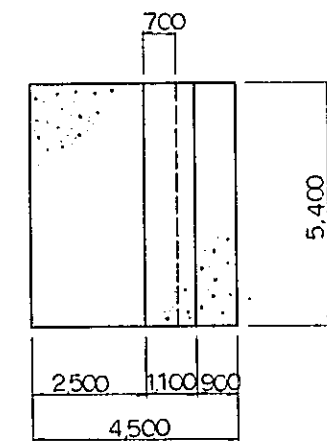
D-D 断面図

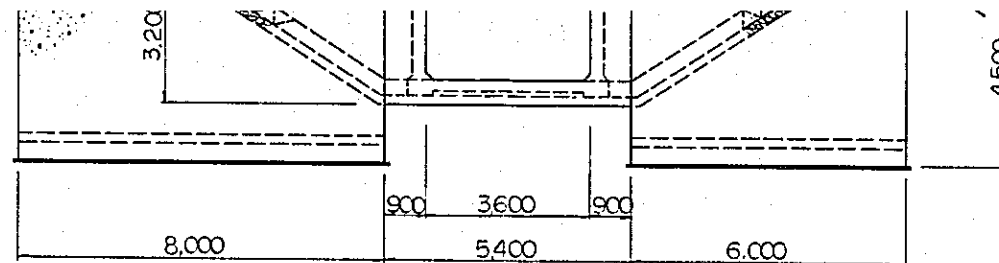


C-C

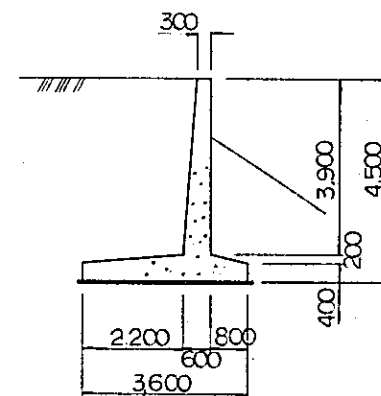


橋台平面図

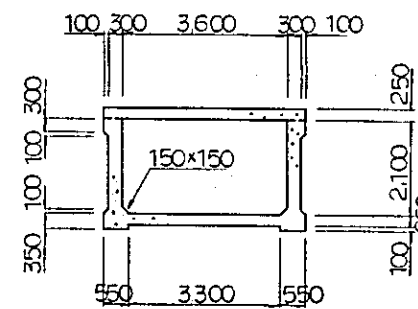




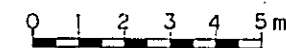
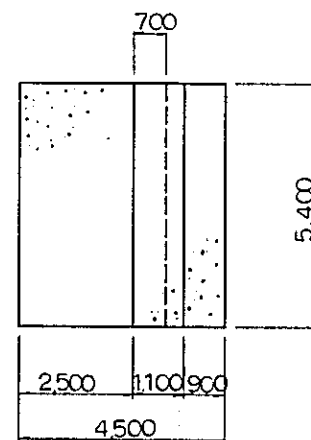
D-D 断面図



C-C 断面図



橋台平面図



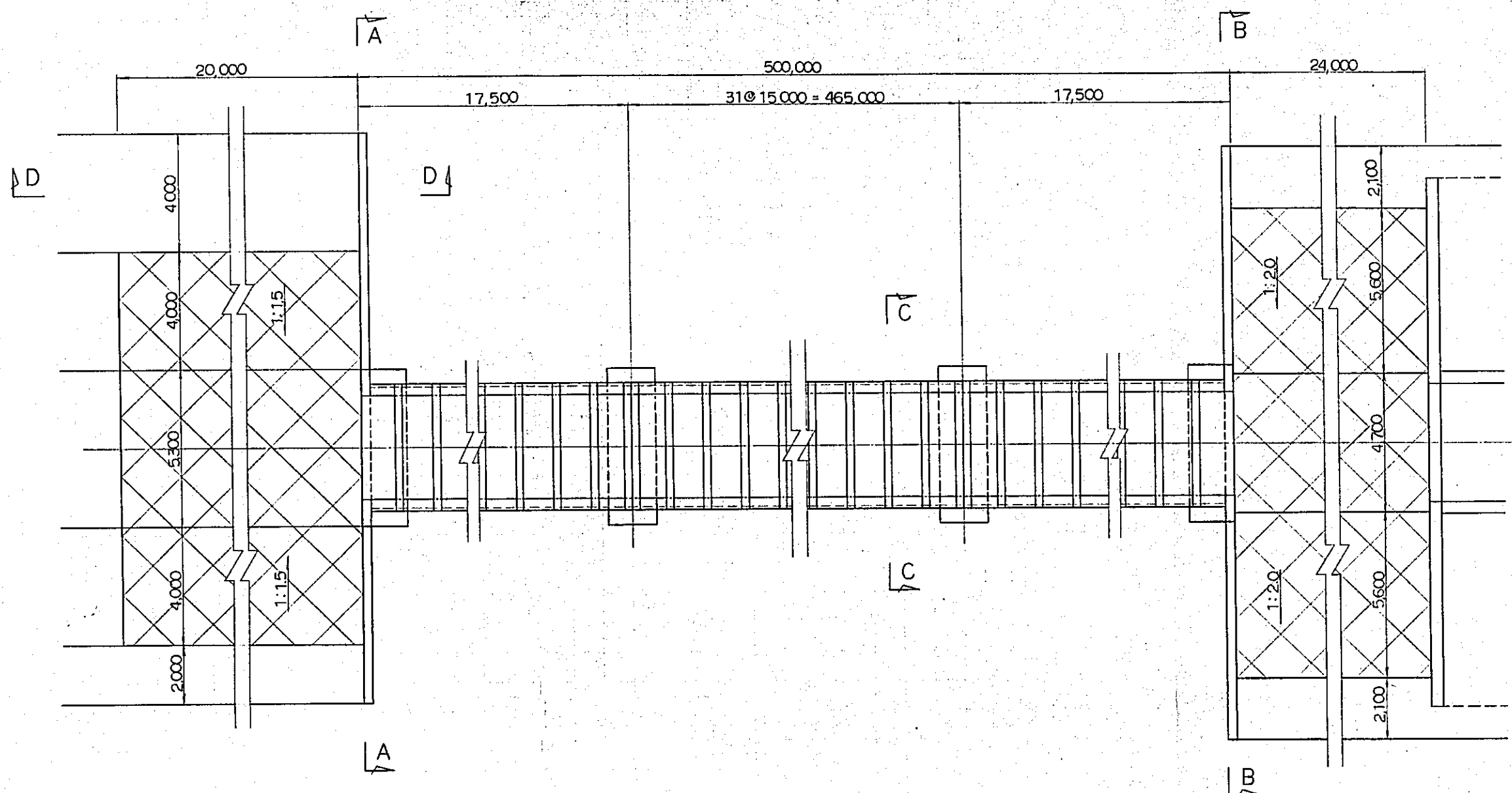
国際協力事業団	
受入 月日	'84. 5. 30
登録No.	10354
	AFT

中国三江平原
竜頭橋典型区農業開発計画

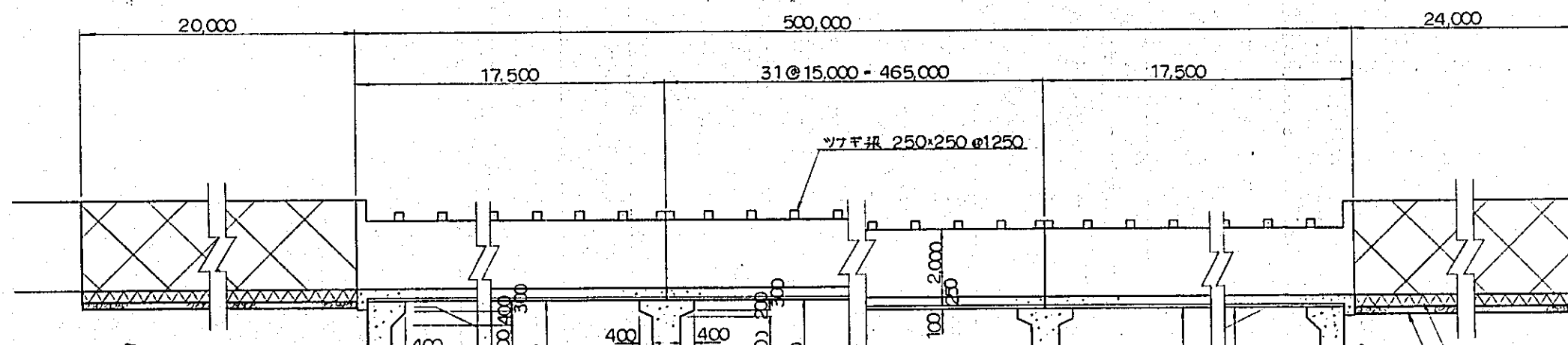
国際協力事業団
幹線用水路頭道営左岸線
頭道川木路橋構造図

冊 - 20

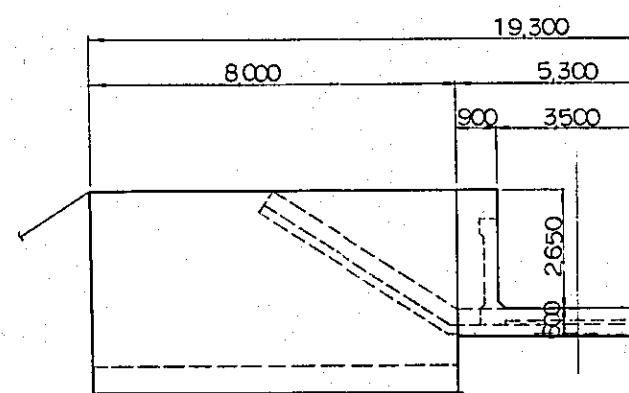
平面図



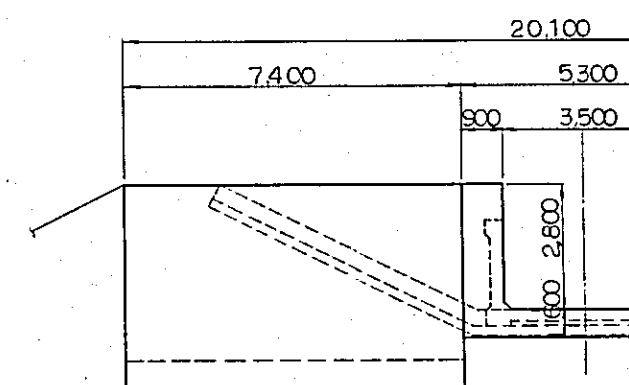
縦断面図



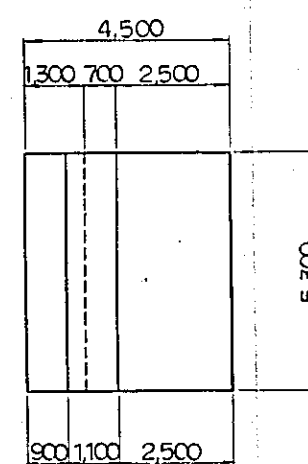
A-A 断



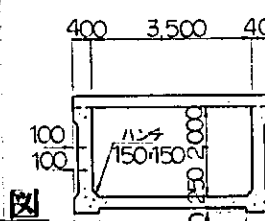
B-B 断



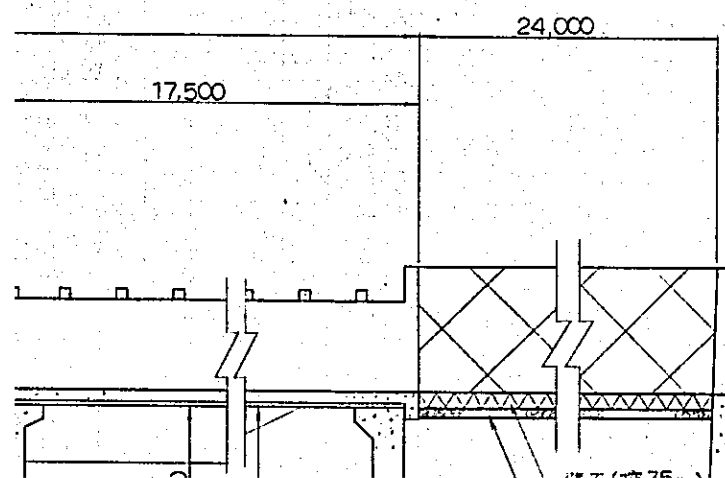
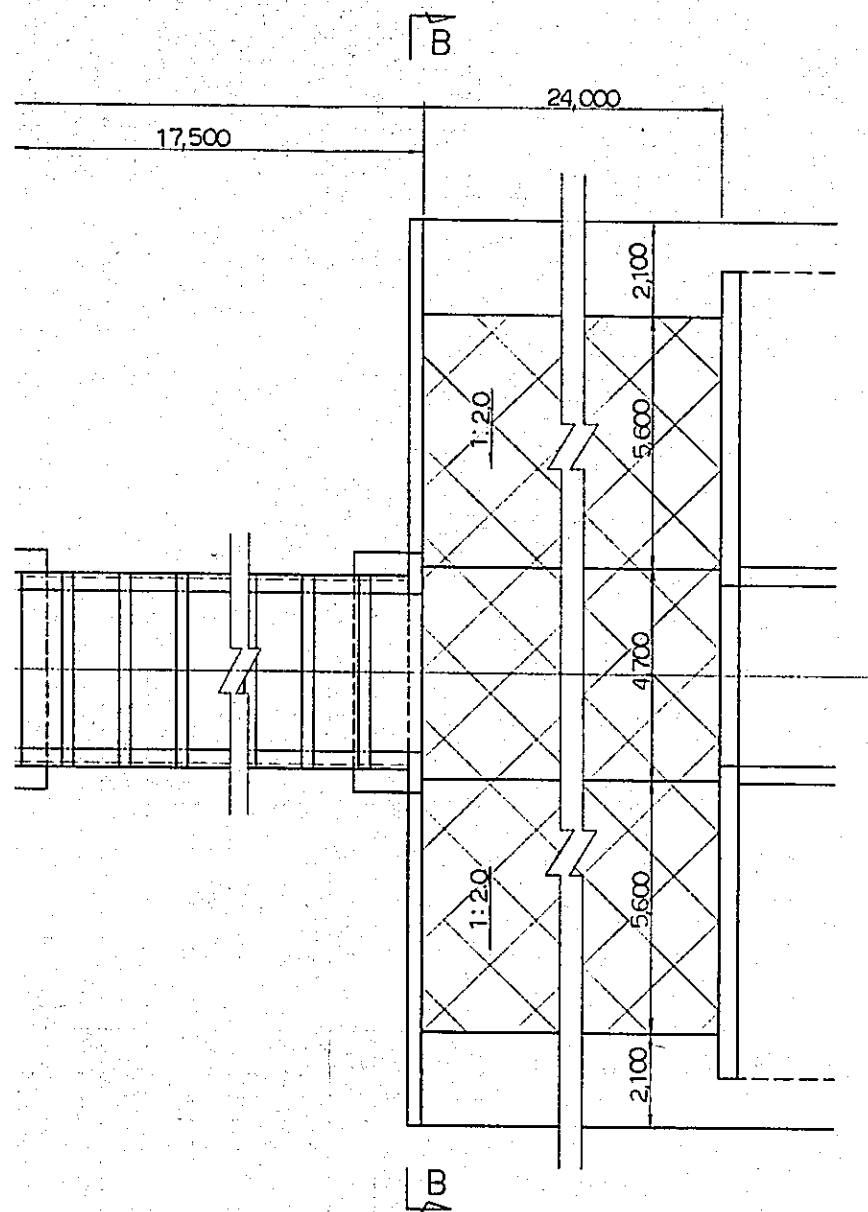
橋台平面図



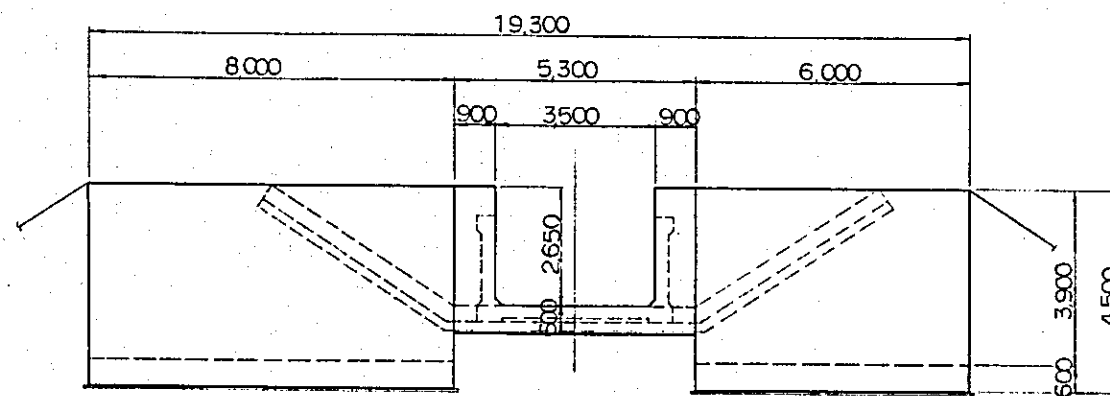
C-C 断面



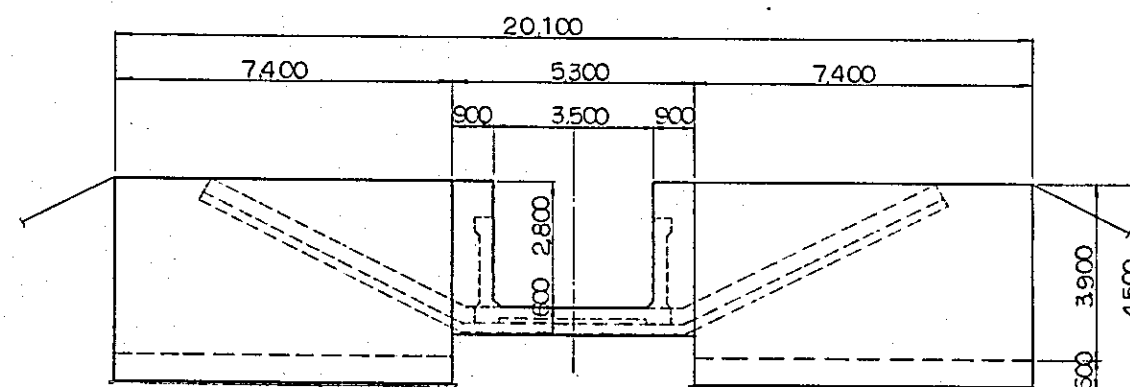
D-D 断面図



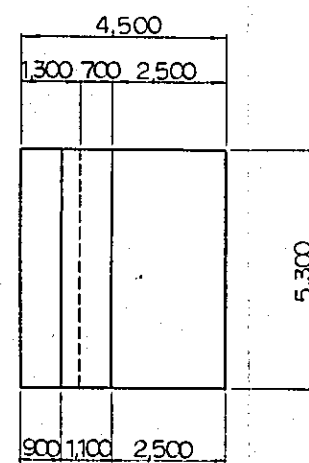
A-A 断面图



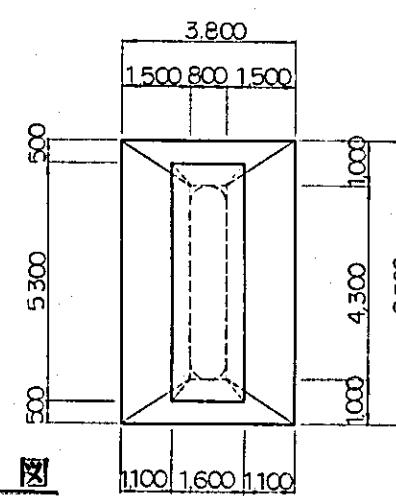
B-B 断面图



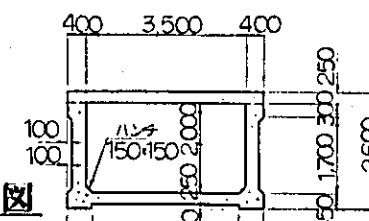
橋台平面図



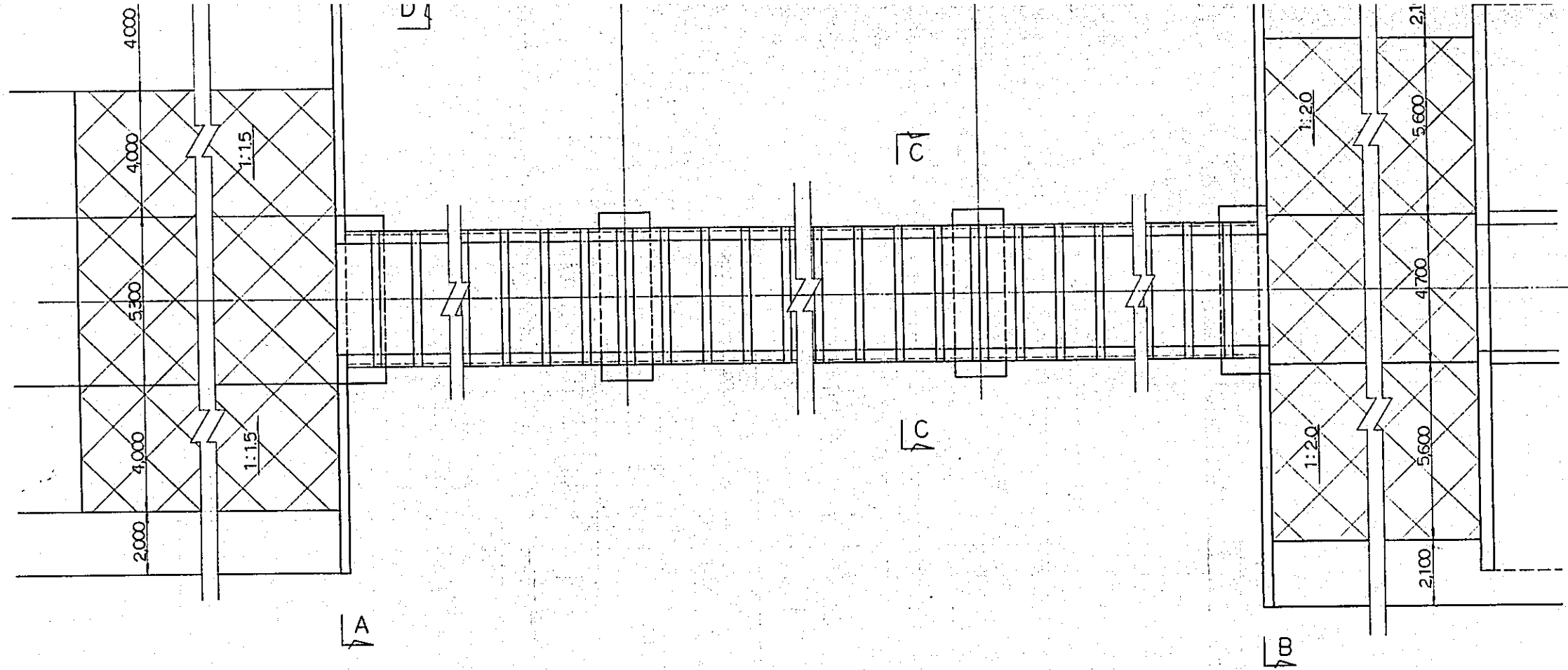
橋脚平面図



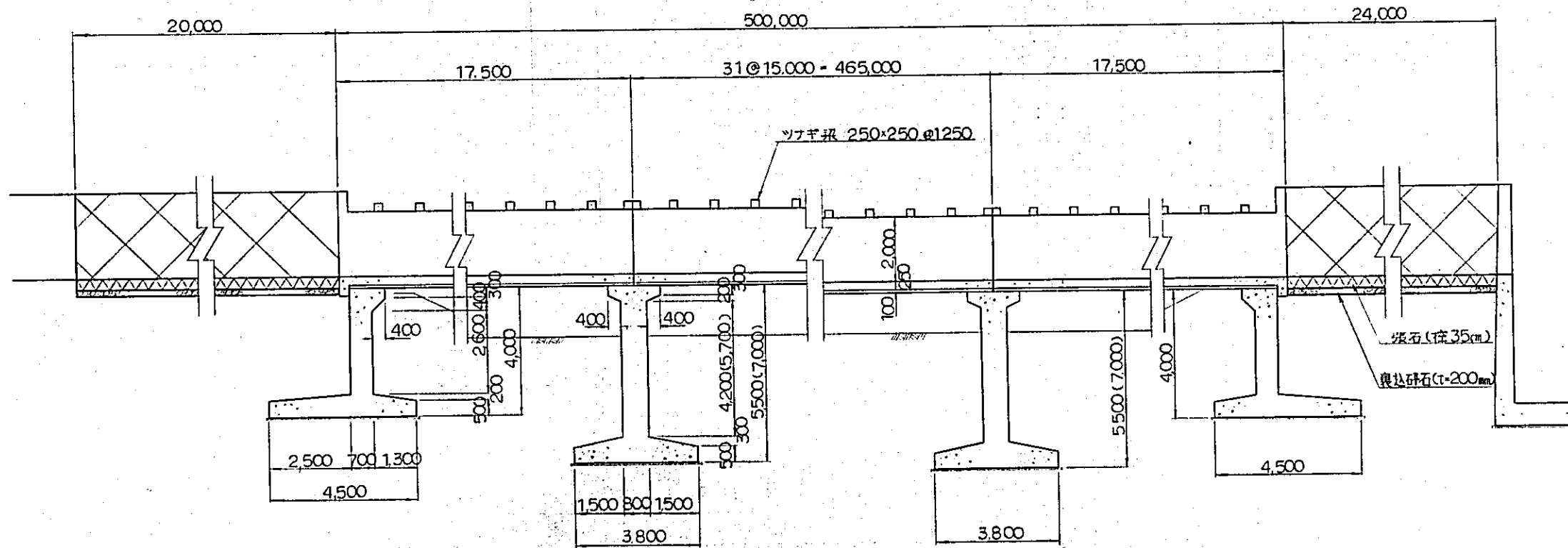
C-C 断面图



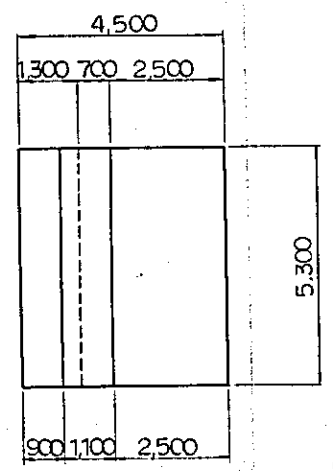
D-D 断面图



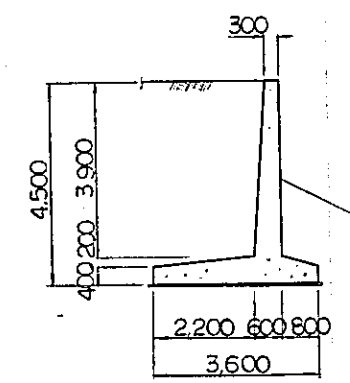
縦断図

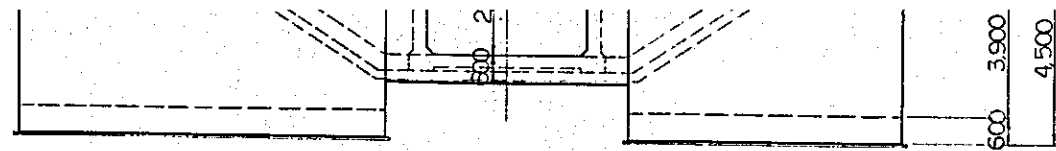


橋台平面図

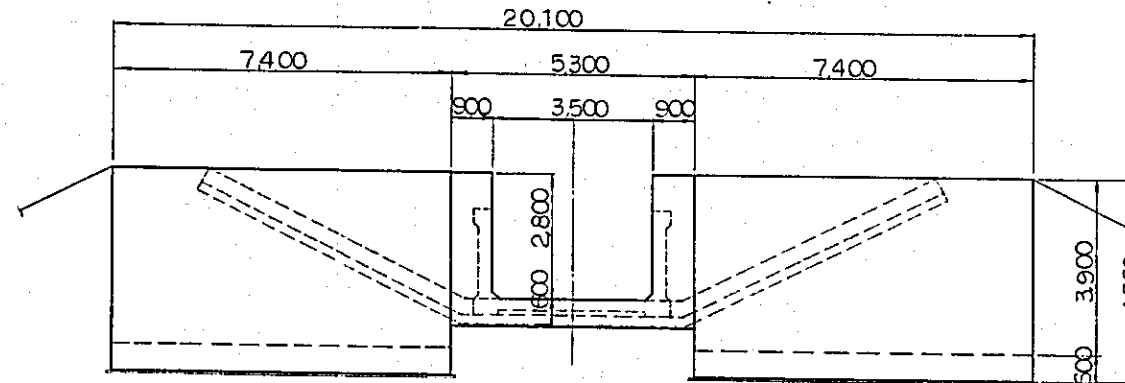


D-D断面図



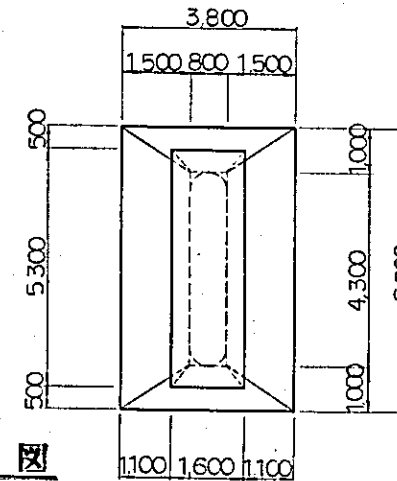
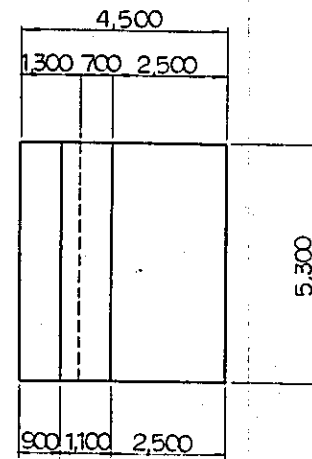


B-B 断面図

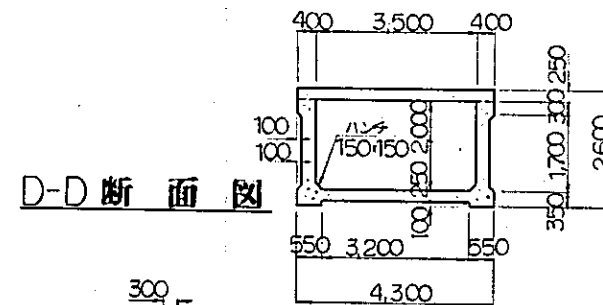


橋台平面図

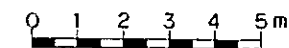
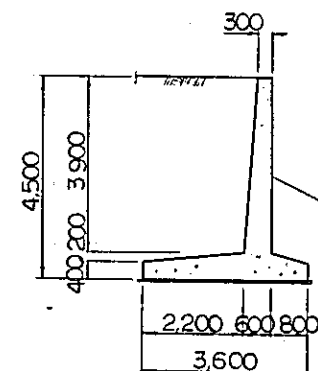
橋脚平面図



C-C 断面図



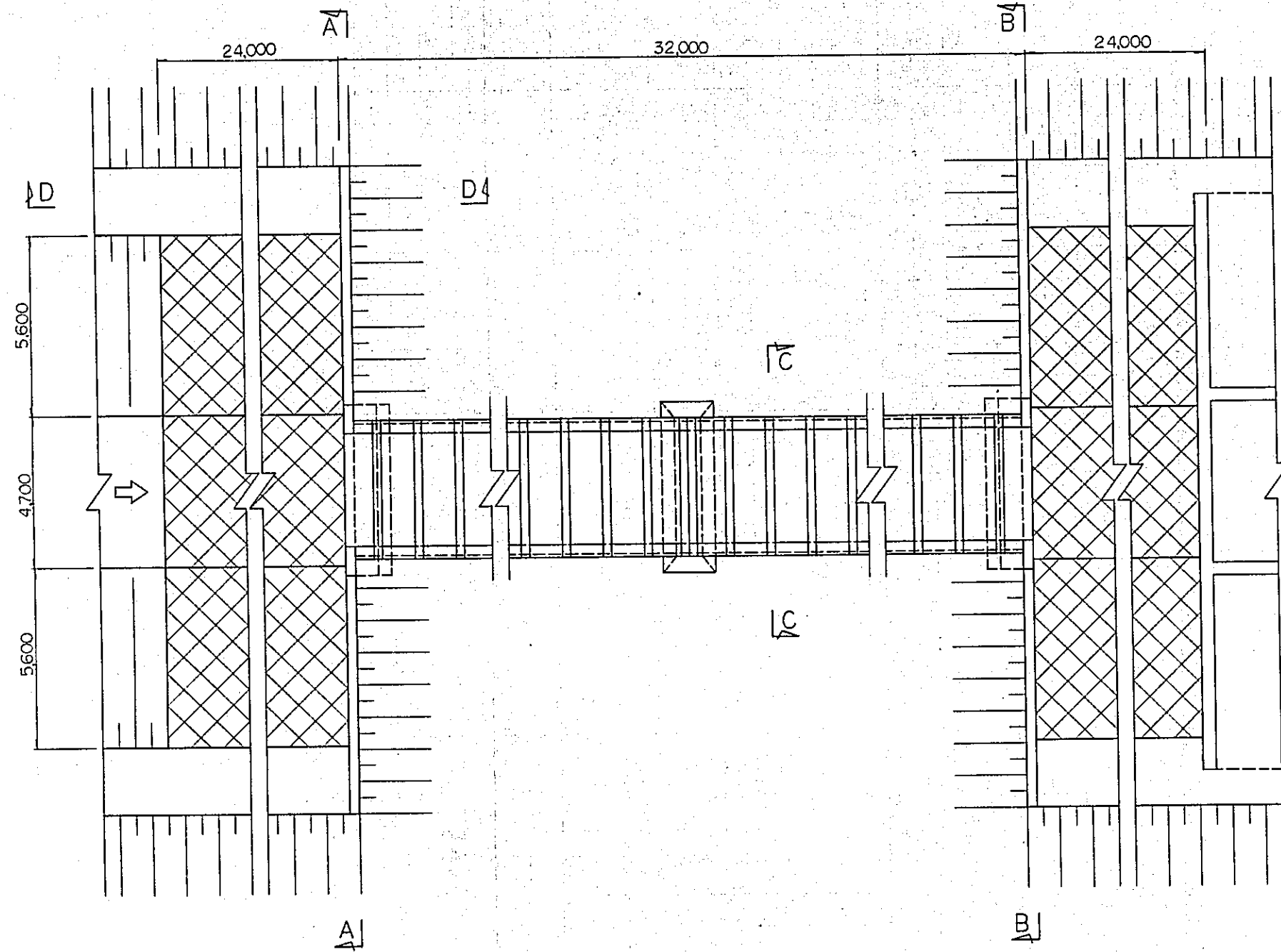
D-D 断面図



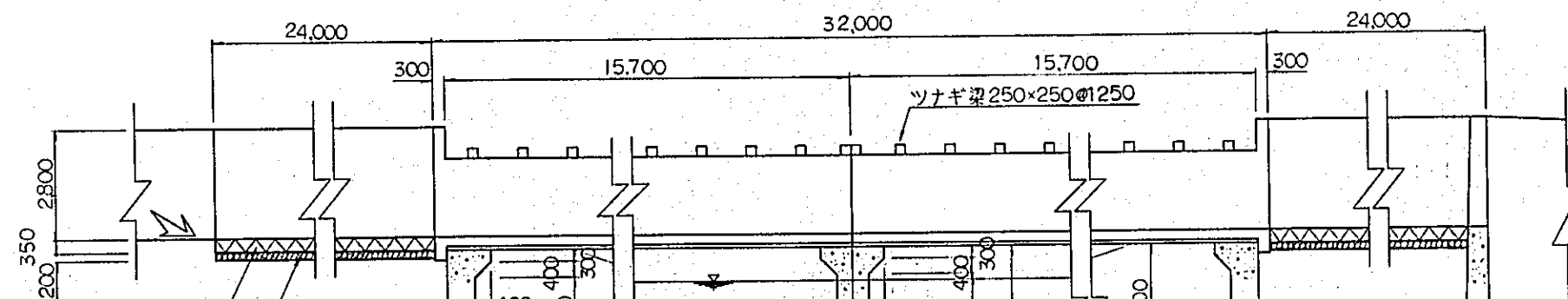
国際協力事業団
 受入月日 '84. 5. 30 105
 登録No. 10354 88.7
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 竜頭橋典型区農業開発計画
 国際協力事業団
 幹線用水路十八里線
 宝石川水路橋構造図
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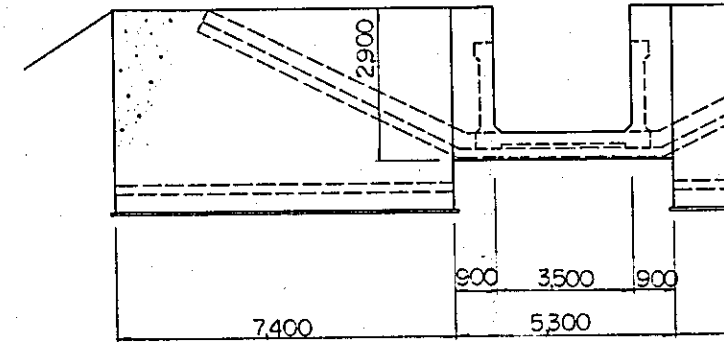
平面図



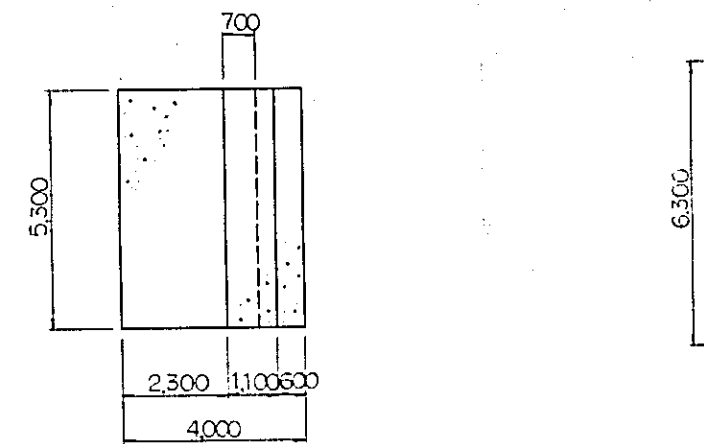
縦断面図



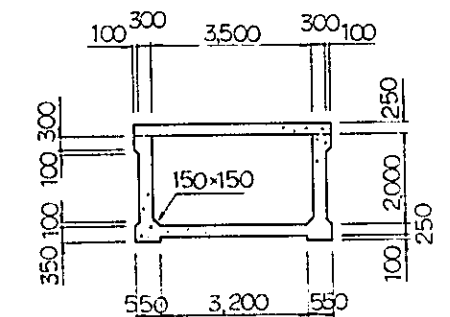
A-A 断面図
B-B 断面図



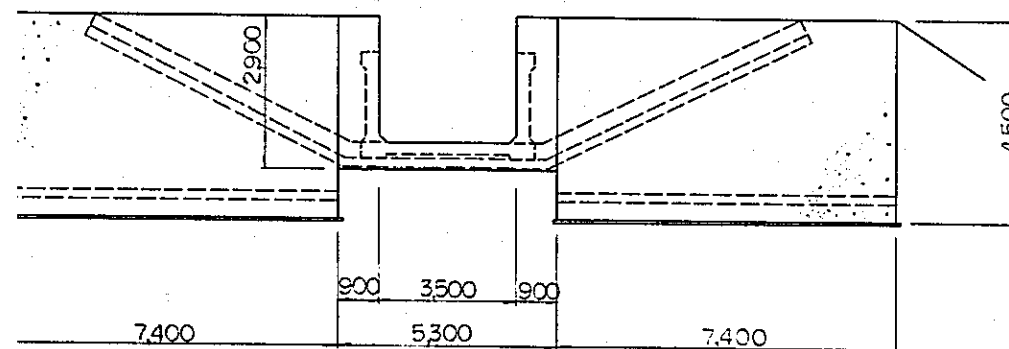
橋台平面図



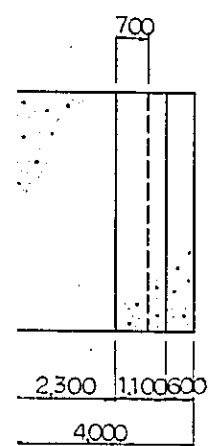
C-C 断面図



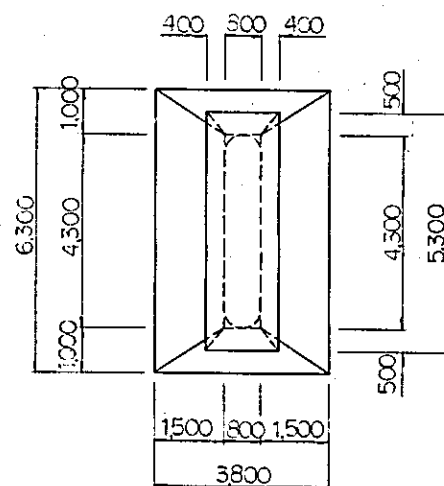
A-A 断面图
B-B 断面图



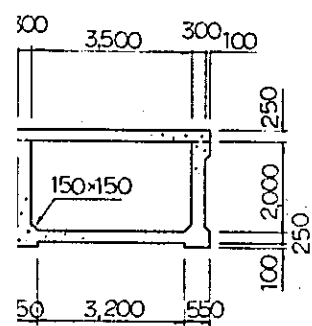
橋台平面圖



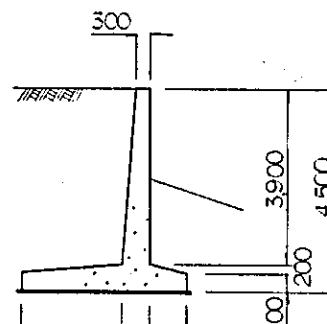
橋脚平面圖

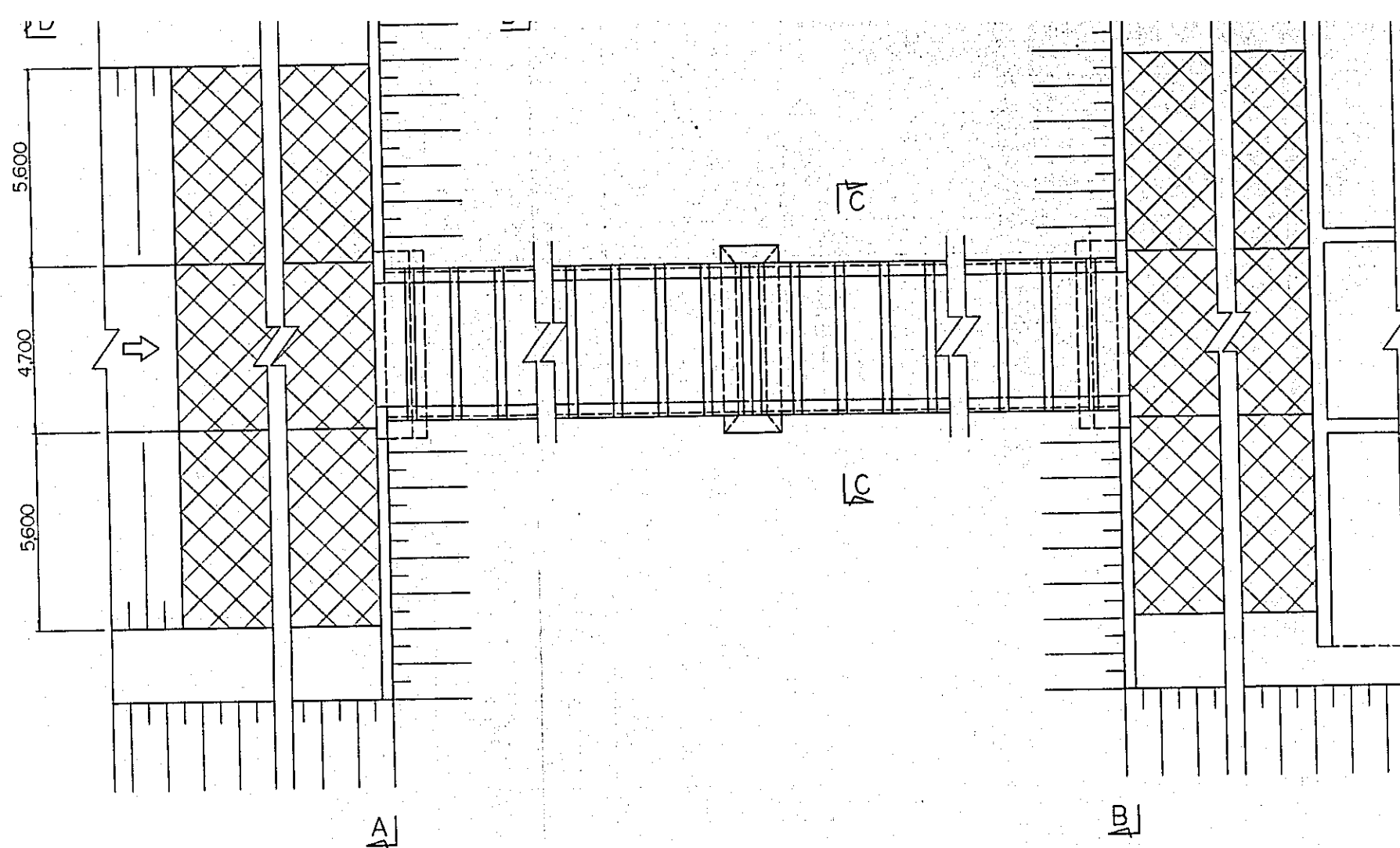


C-C 断面图

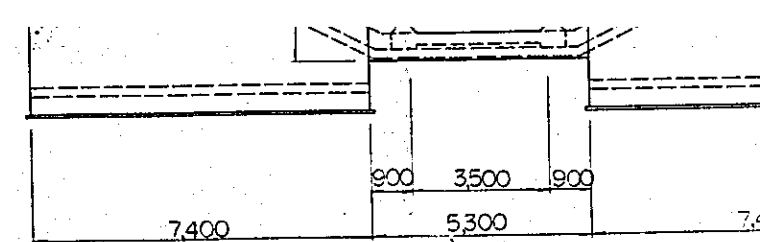
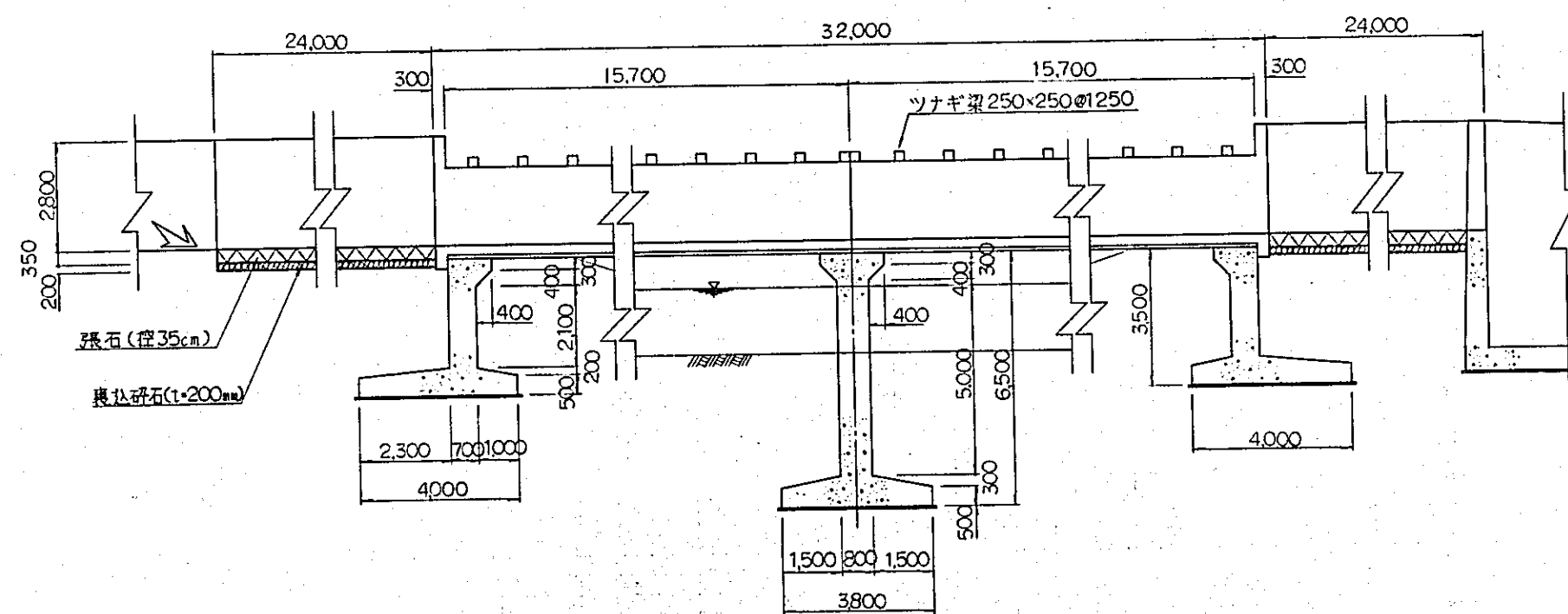


D-D 断面图

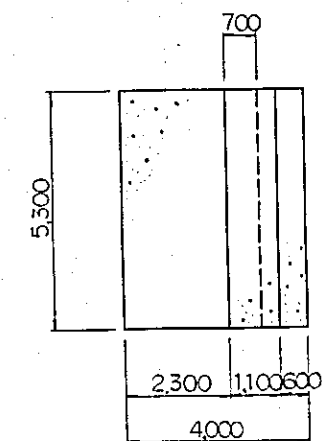




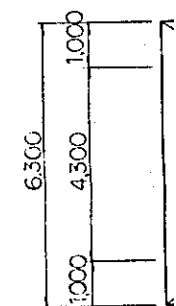
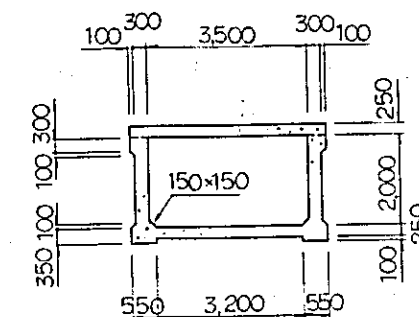
縦断図



橋台平面図

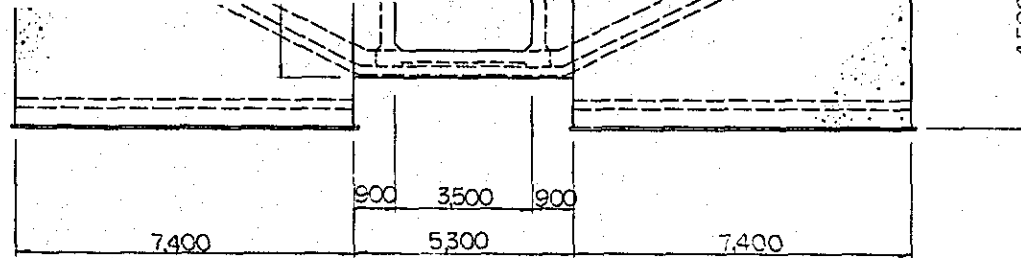


C-C断面図



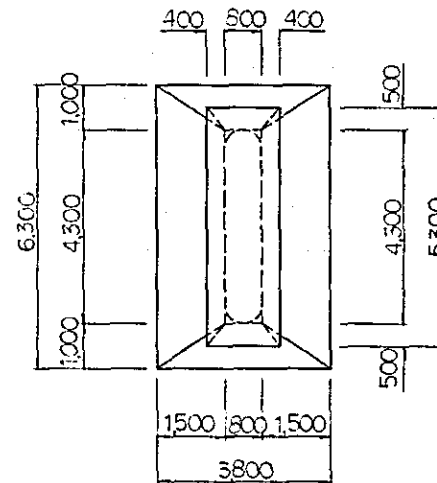
D-D断面図





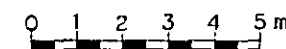
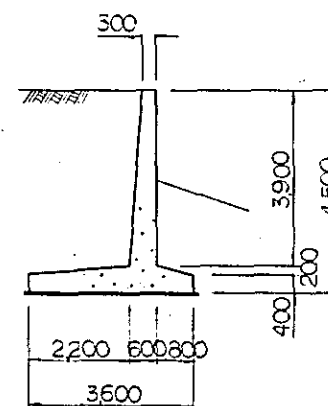
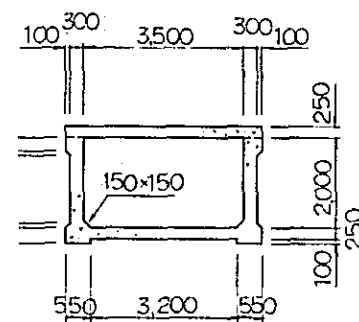
橋台平面圖

橋脚平面圖



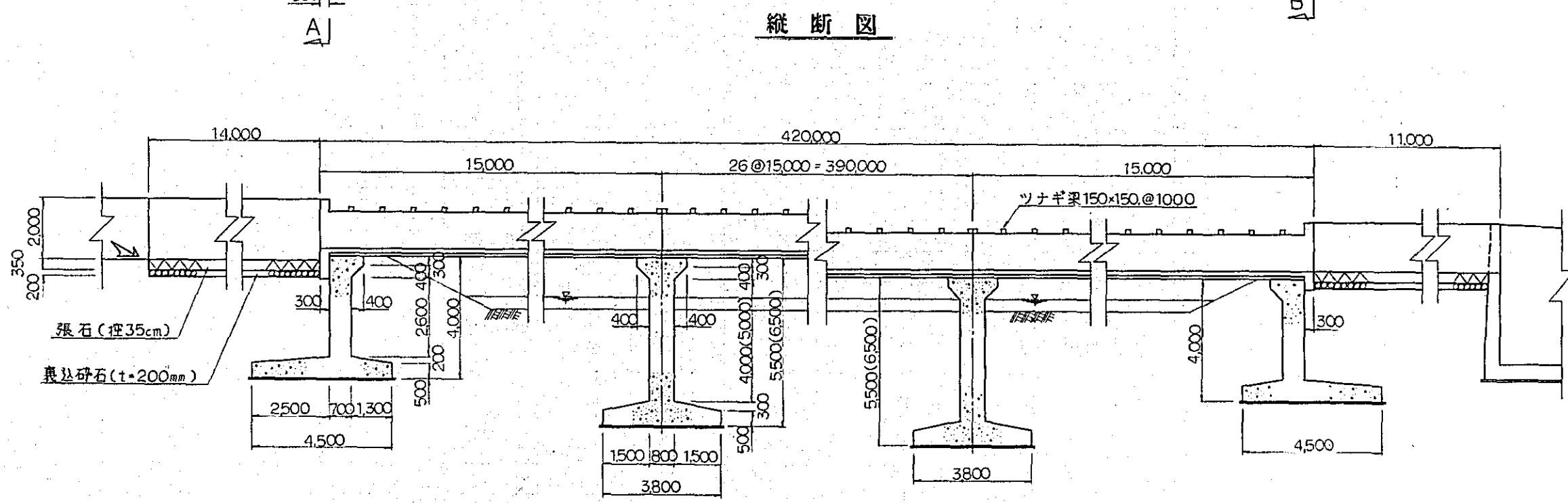
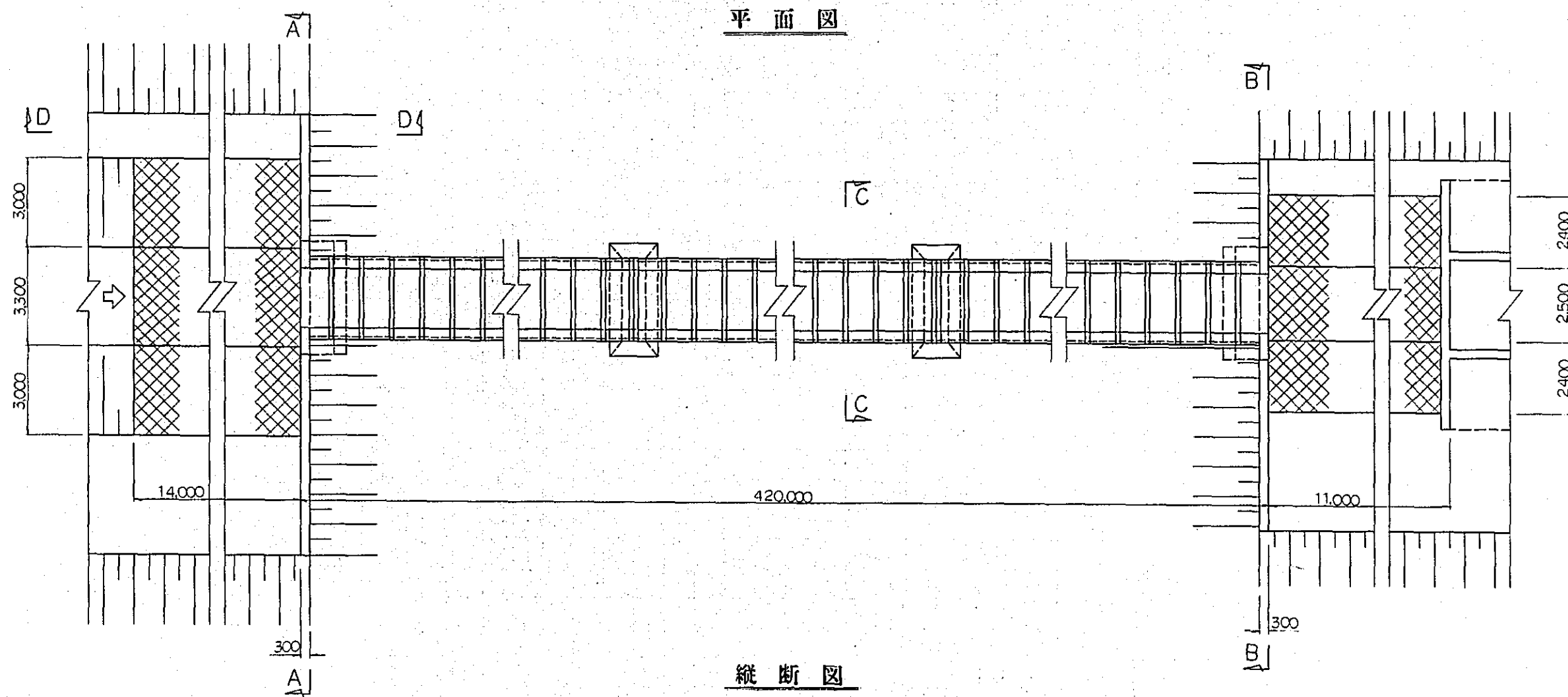
C-C 断面圖

D-D 断面圖



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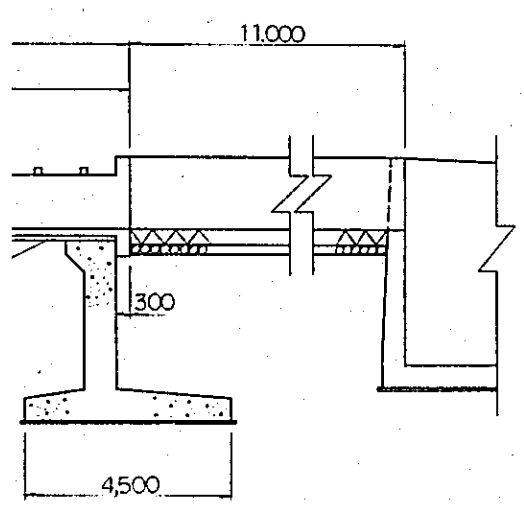
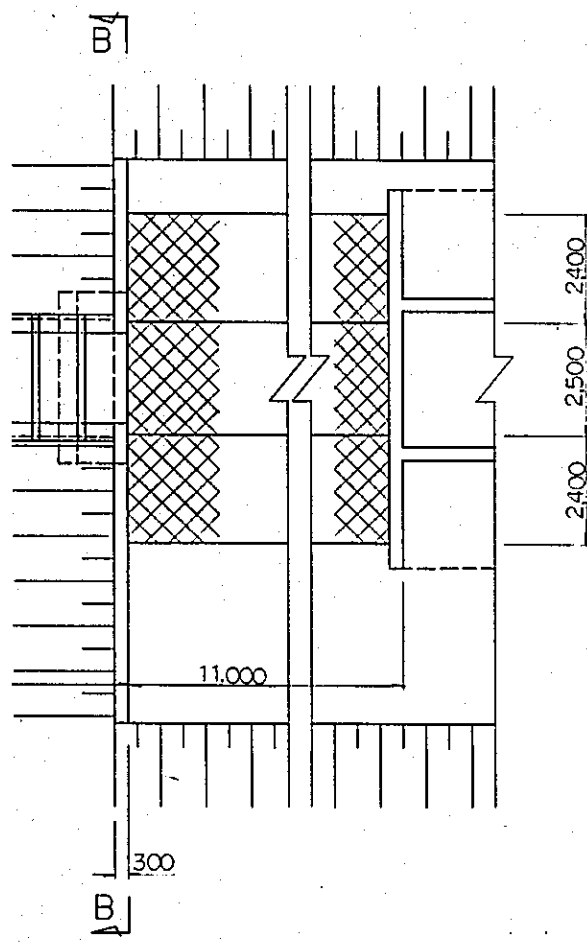
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國際協力事業団	
幹線用水路十八里線 北段第一分干水路橋樑造図	
図 - 22	



A-A 断面図

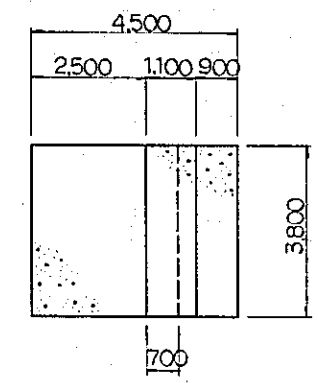
B-B 断面図

D-D 断面図

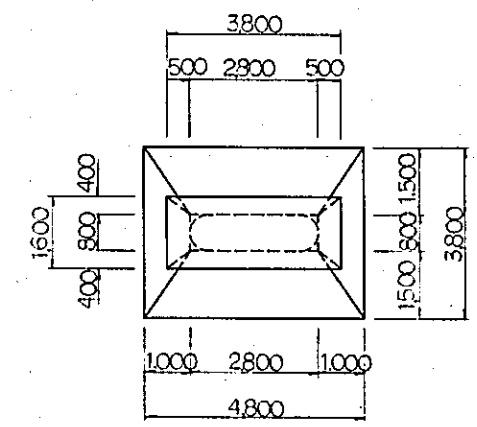


D-D 断面图

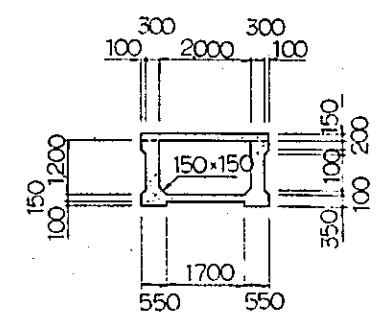
桥台平面图

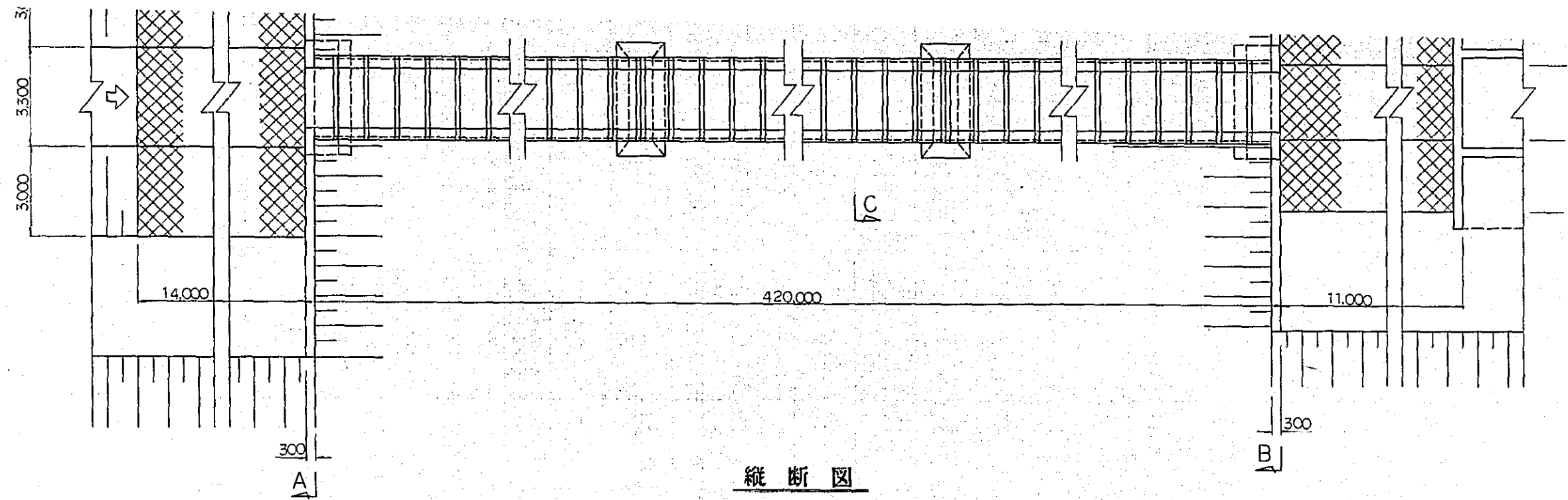


桥脚平面图

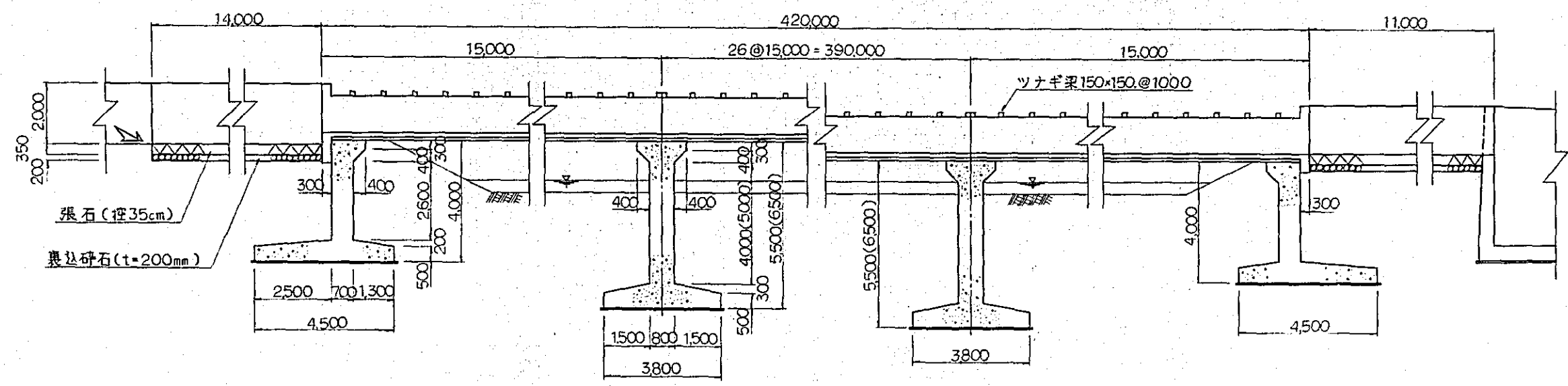


C-C 断面图





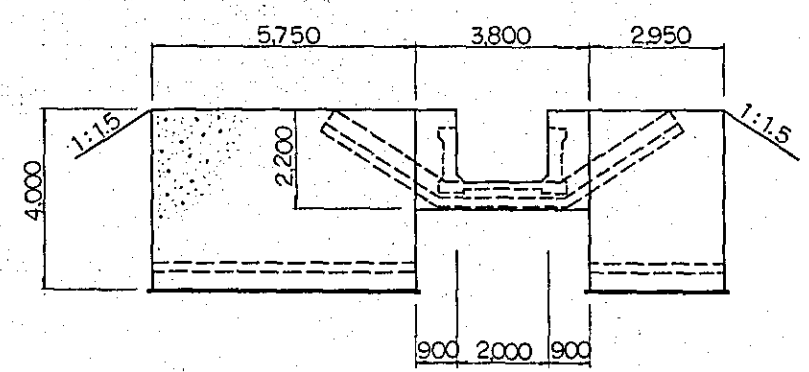
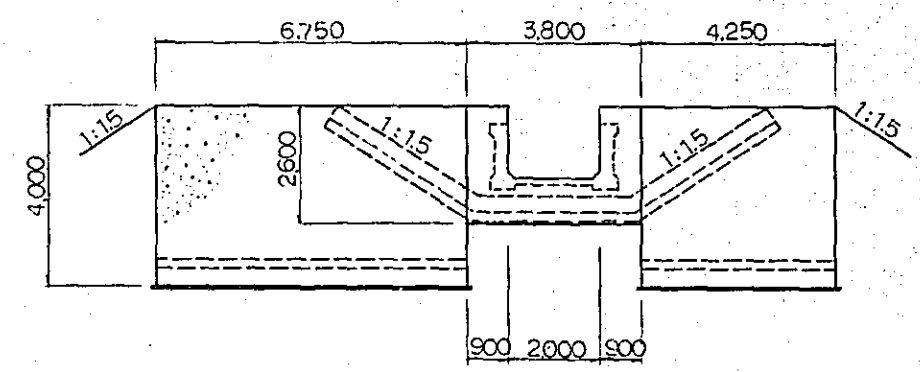
縦断図

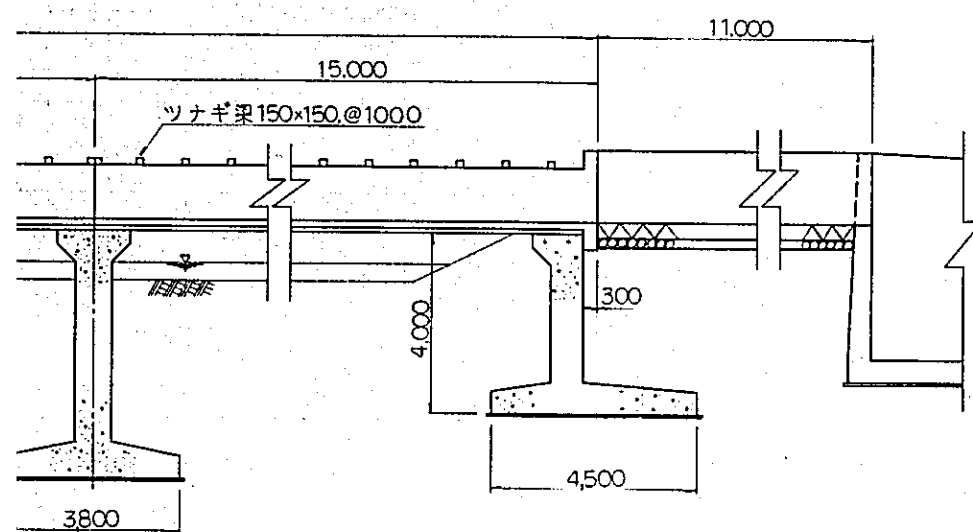
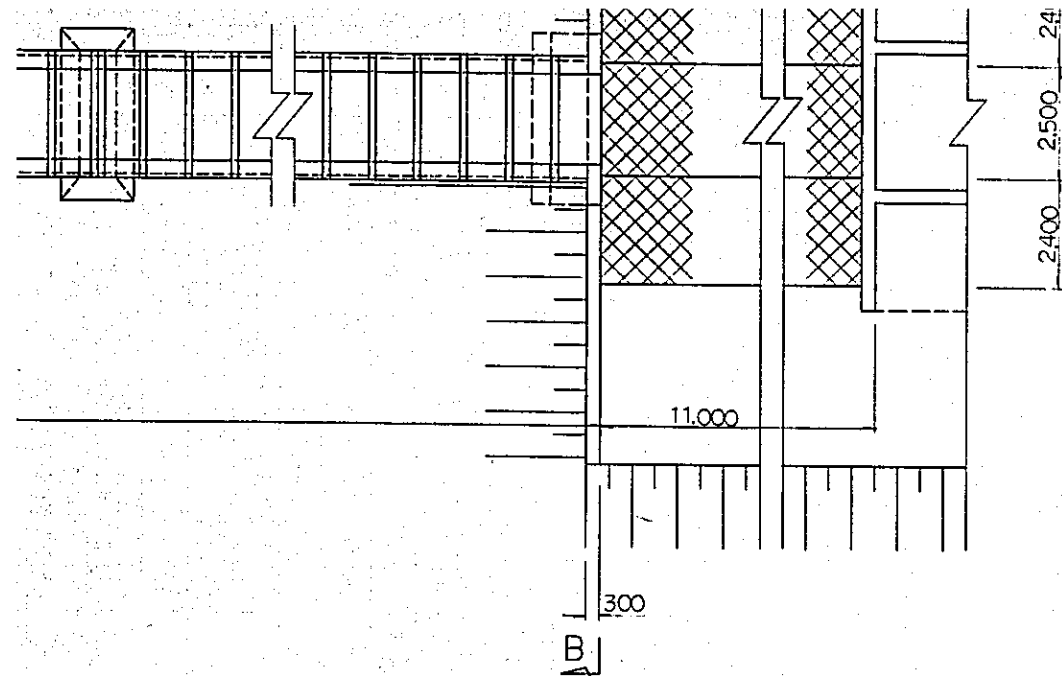


A-A 断面図

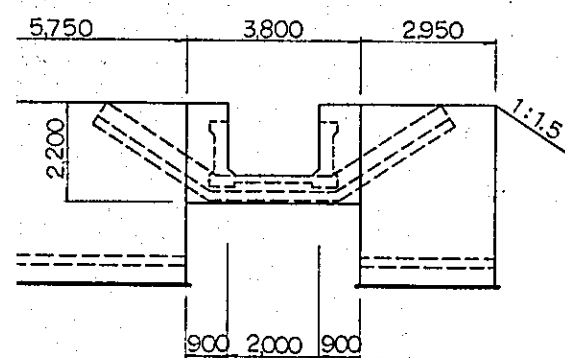
B-B 断面図

D-

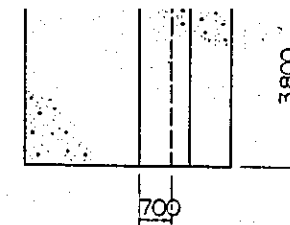
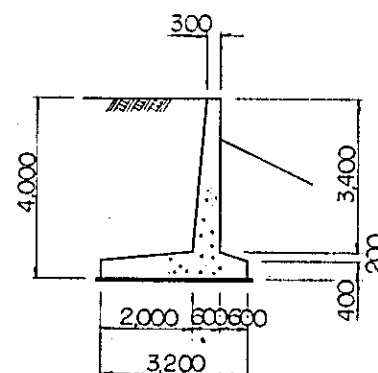




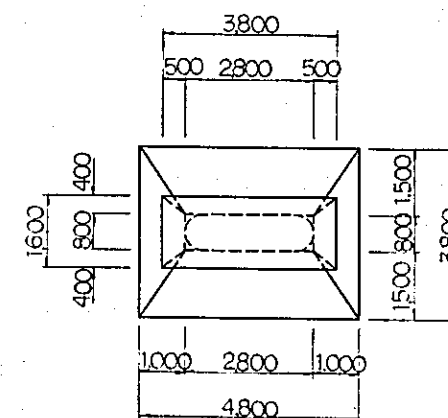
B-B 断面図



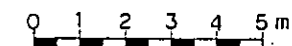
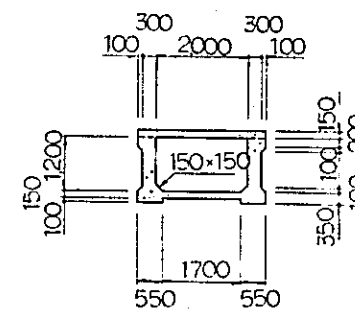
D-D 断面図



橋脚平面図



C-C 断面図

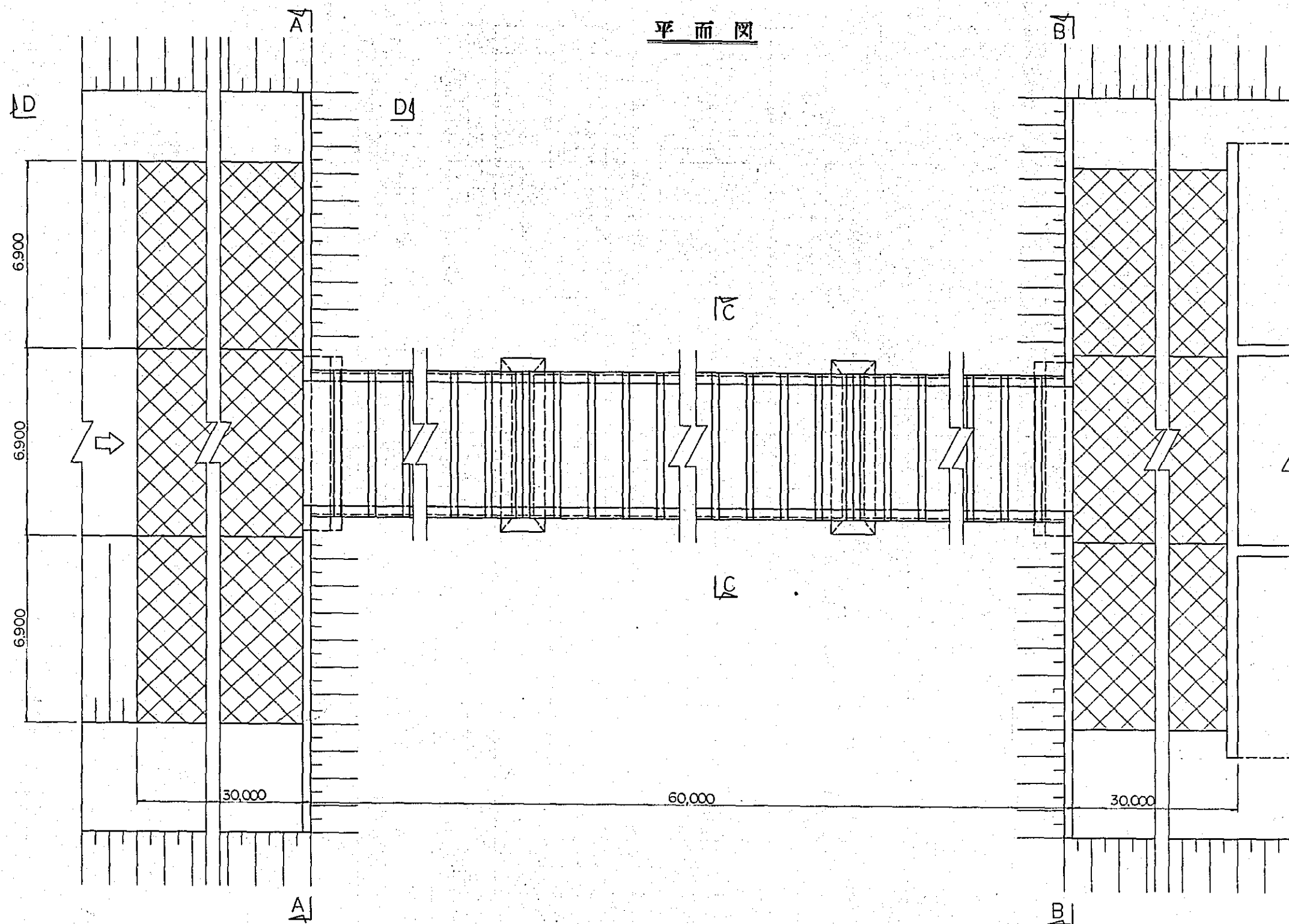


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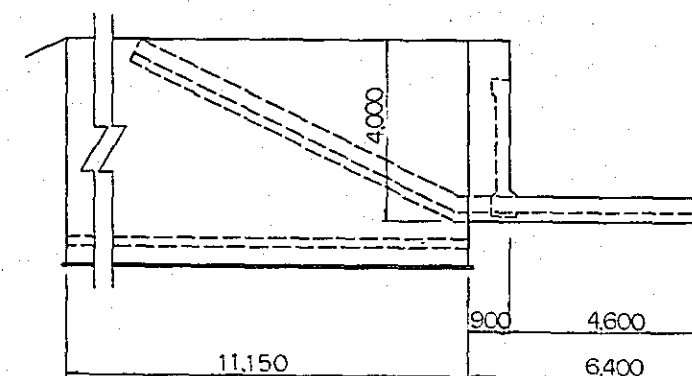
中国三江平原
竜頭橋典型区農業開発計画

国際協力事業団
幹線用水路頭道崗右岸線
色金列川水路橋樑造図

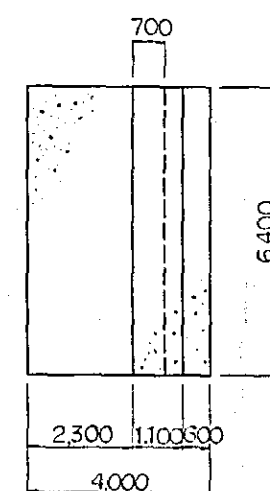
用 - 23



A-A断面
B-B断面

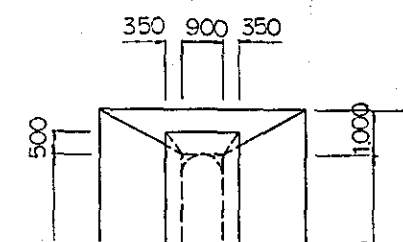


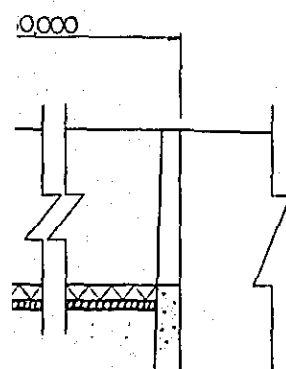
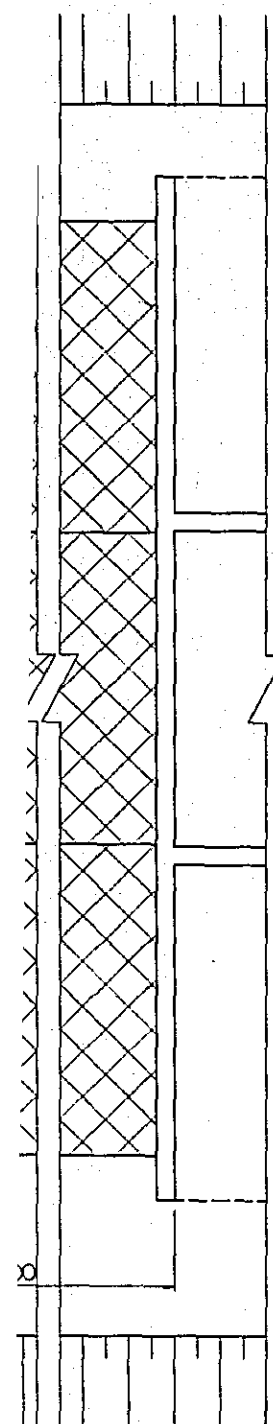
橋台平面図



100 300 450 100 300 450

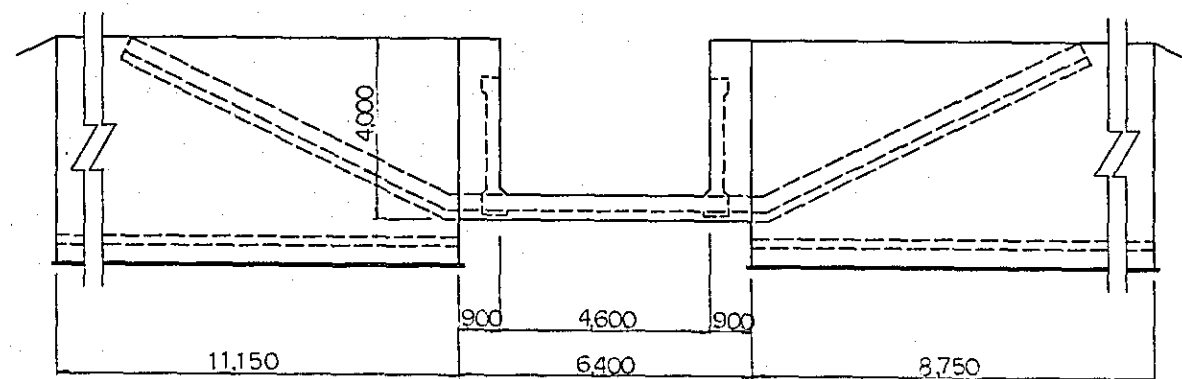
橋脚平面図





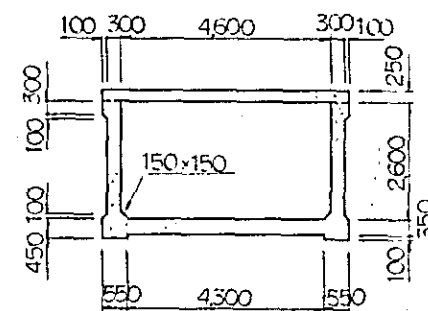
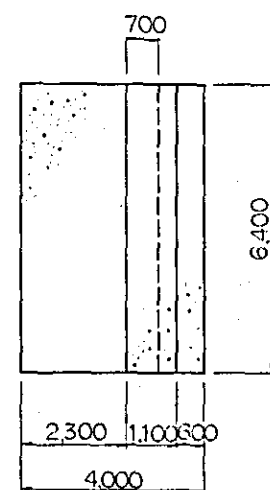
A-A断面图

B-B断面图



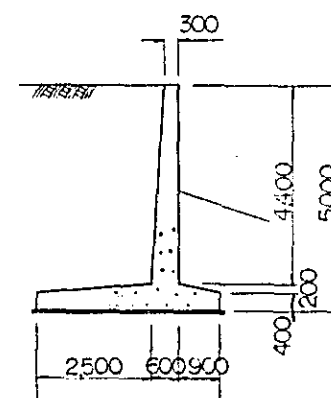
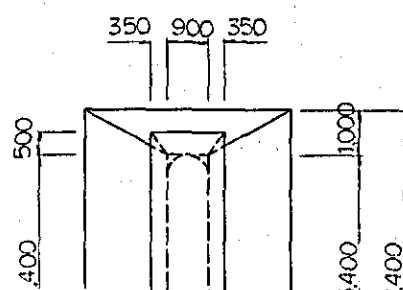
桥台平面图

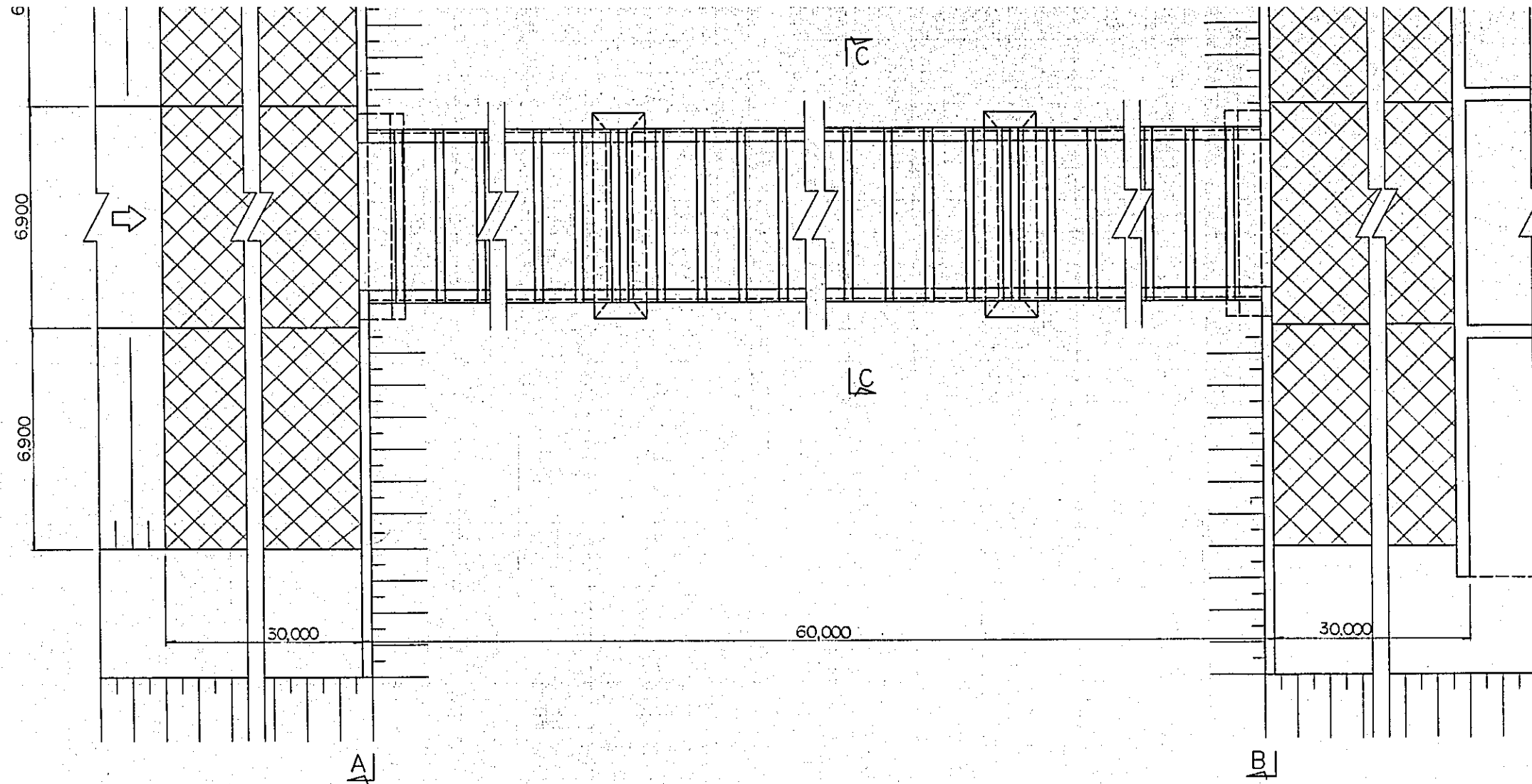
C-C断面图



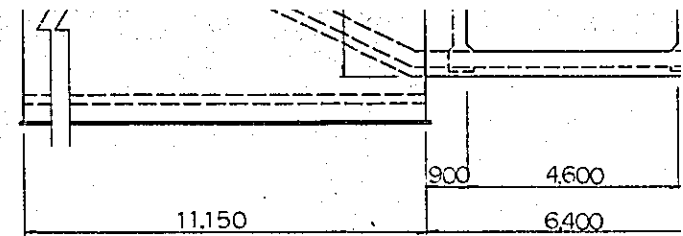
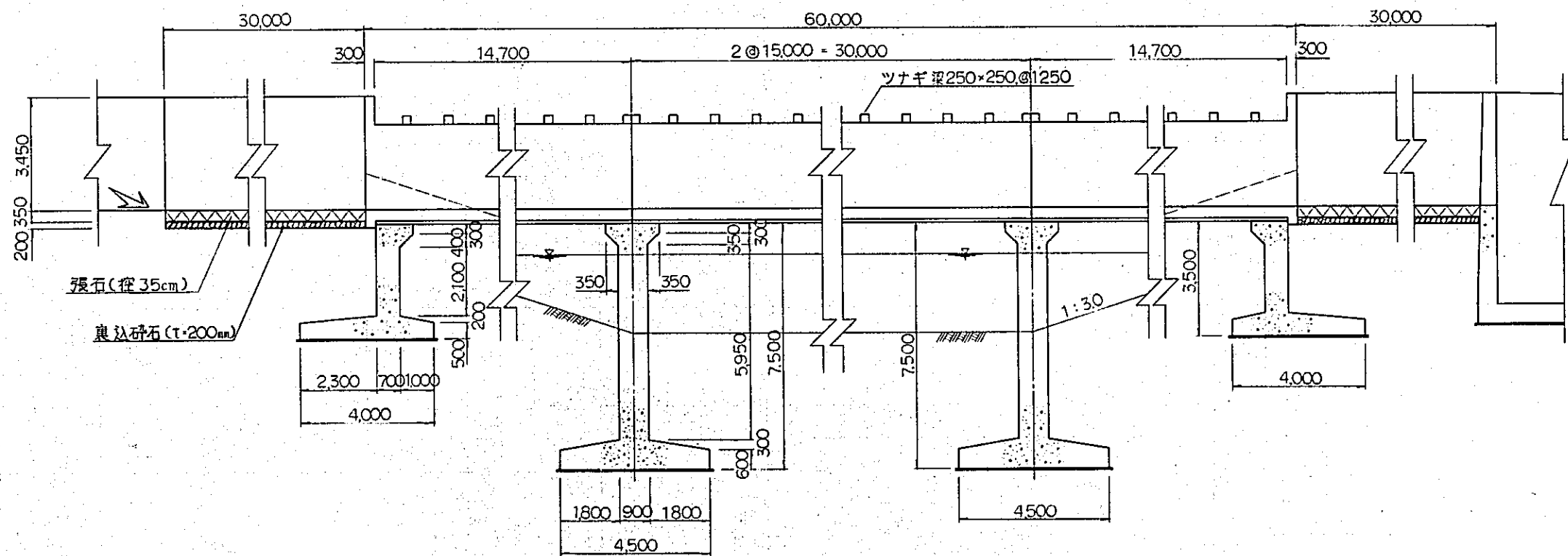
D-D断面图

桥脚平面图

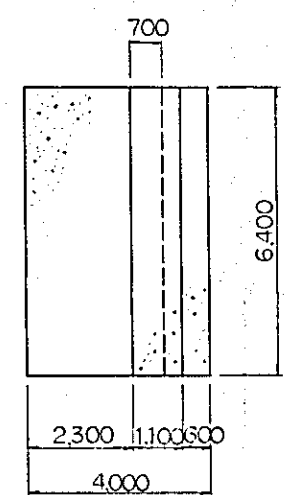




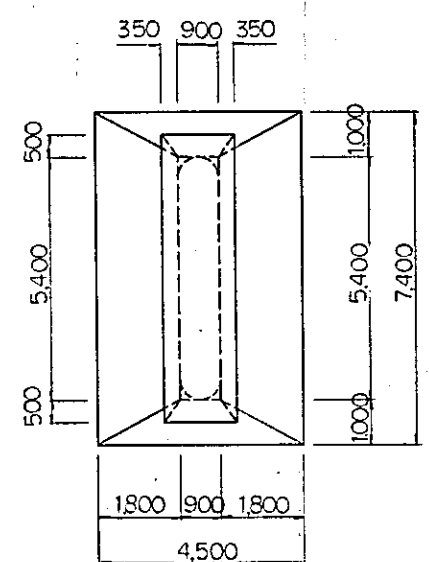
縦断図

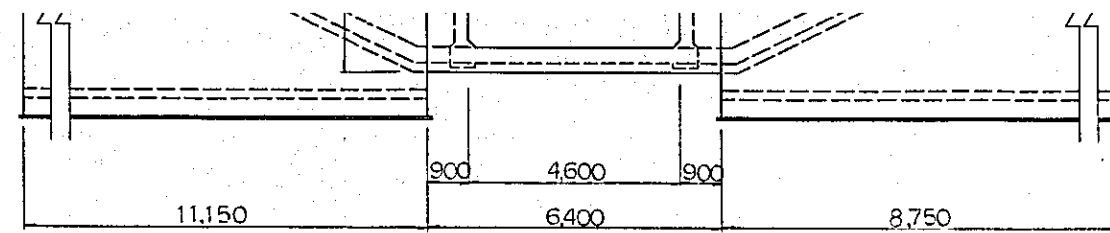


橋台平面図



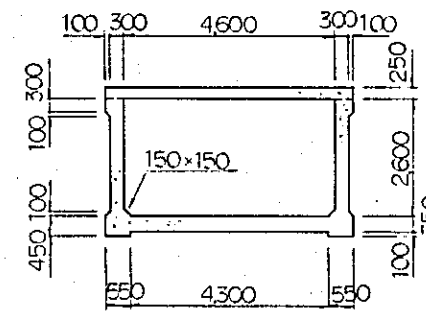
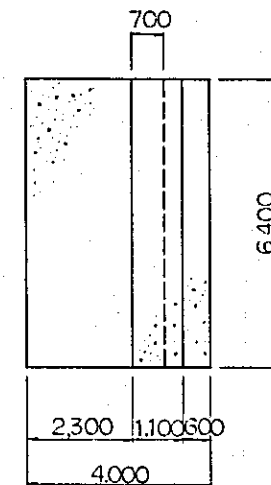
橋脚平面図





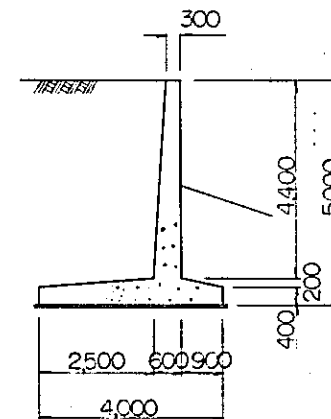
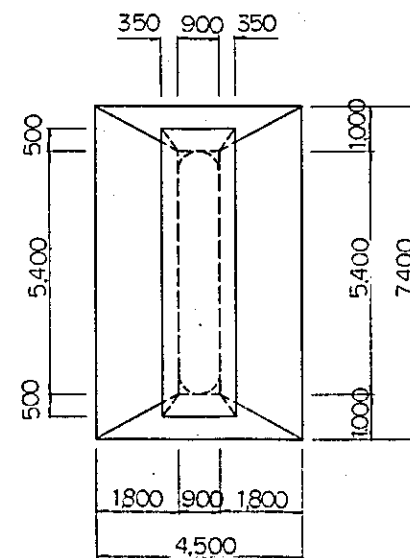
橋台平面図

C-C断面図



D-D断面図

橋脚平面図



0 1 2 3 4 5m

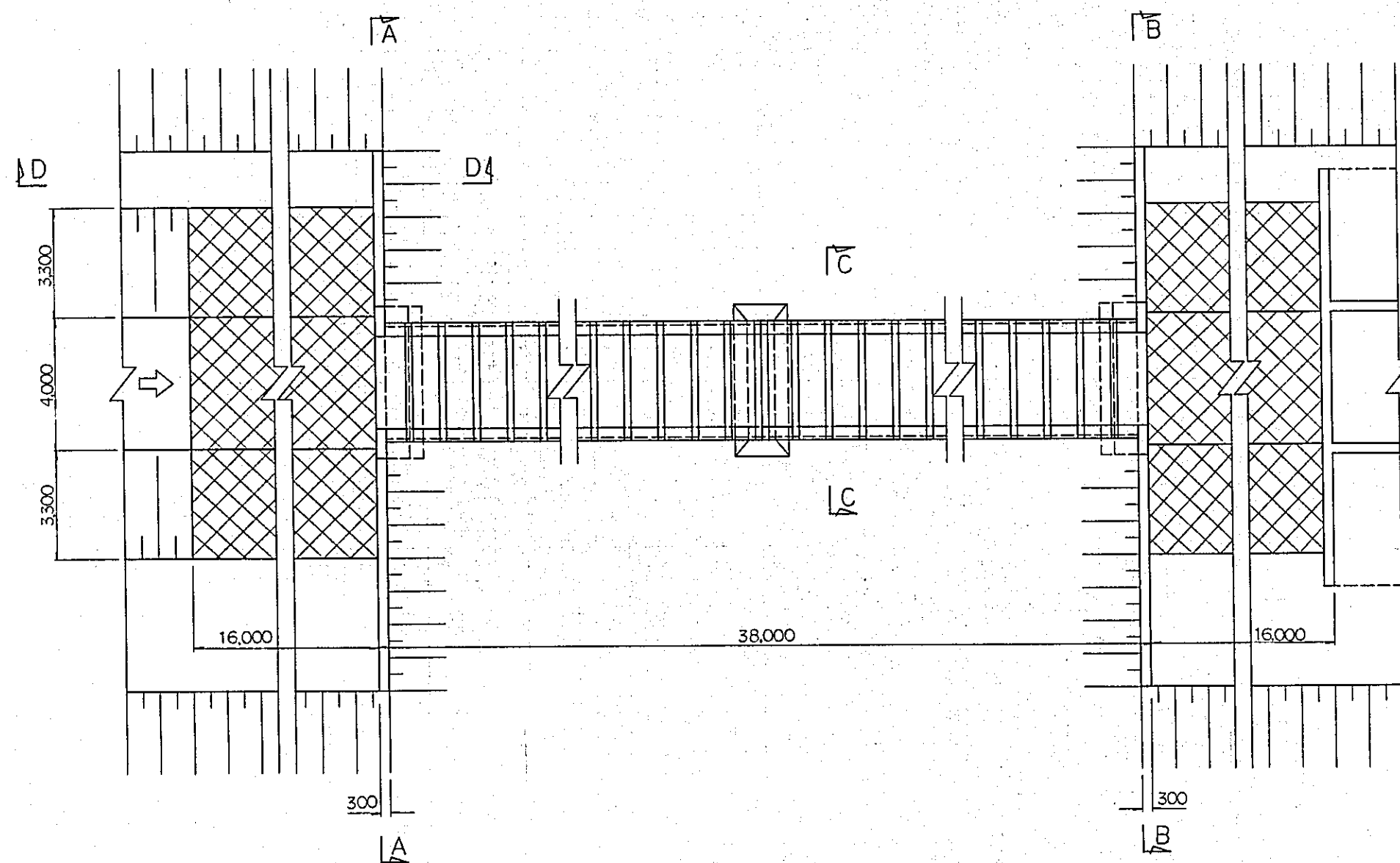
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登録No. 10354

中国三江平原
竜頭橋典型区農業開発計画

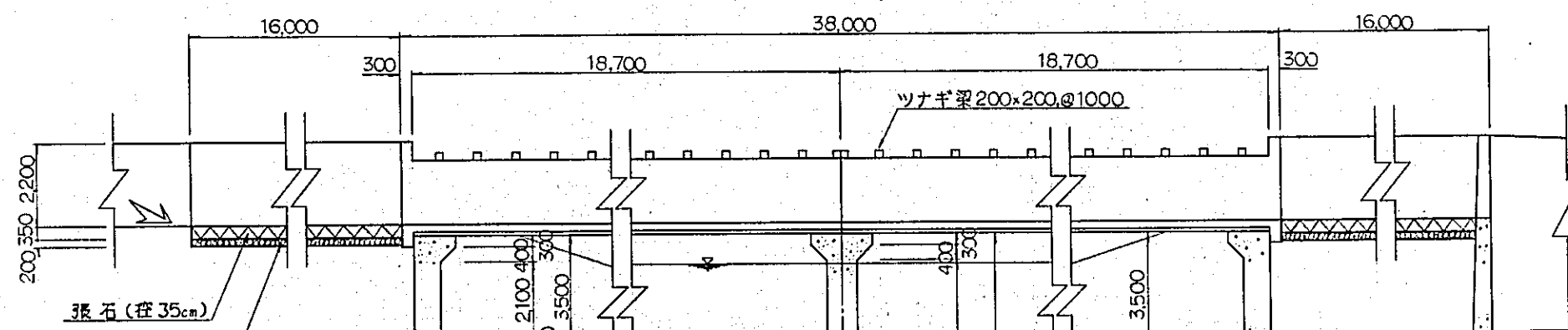
国際協力事業団
幹線用水路青山線
西地川放流水路橋構造図

用 - 24

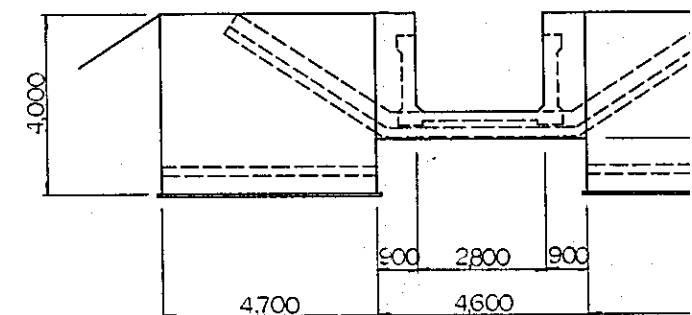
平面图



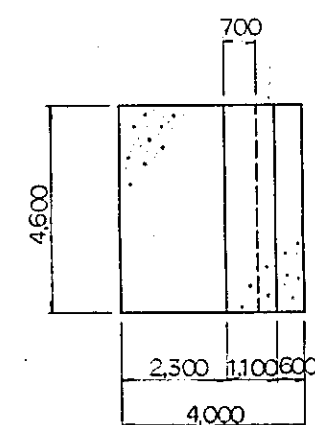
縦断図



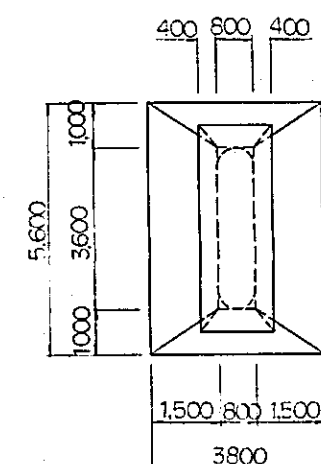
A-A 断面图
B-B 断面图



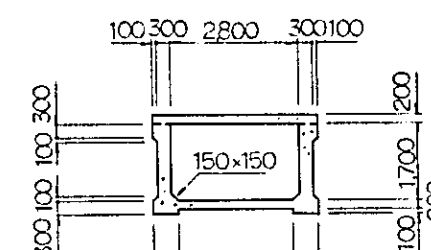
橋台平面圖



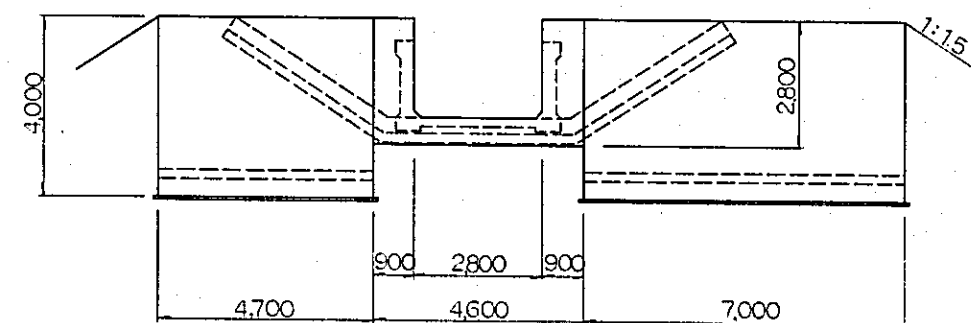
橋脚平面



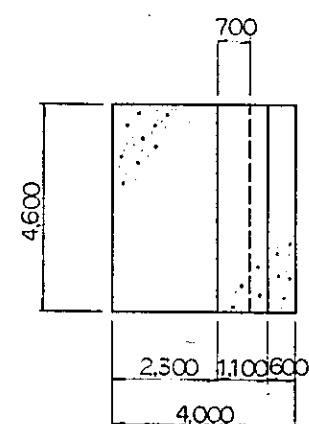
C-C 断面图



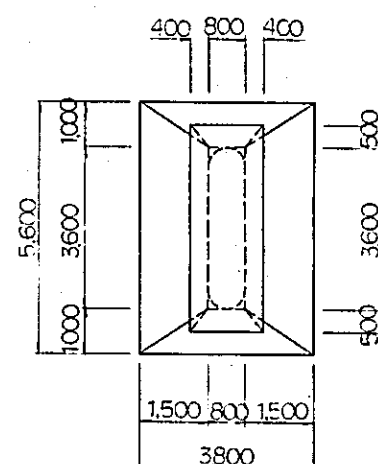
A-A 断面图
B-B 断面图



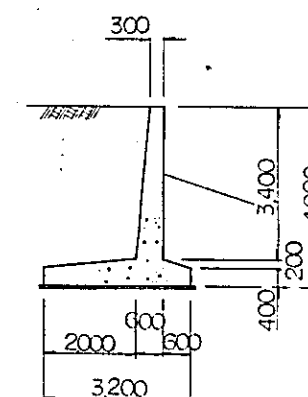
桥台平面图



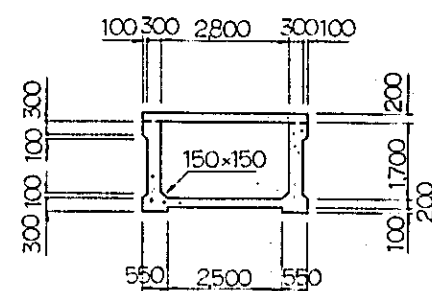
桥脚平面图

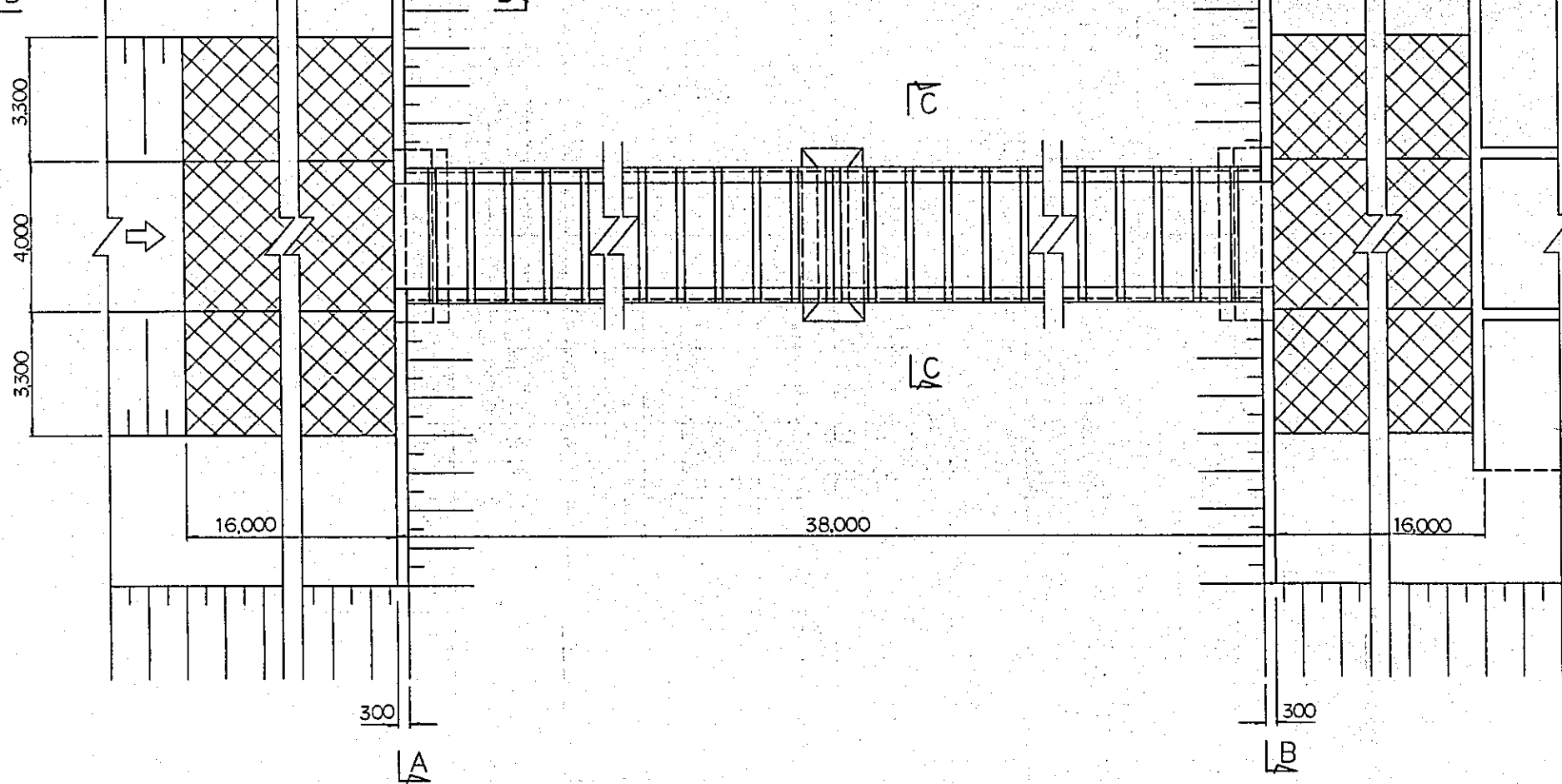


D-D 断面图

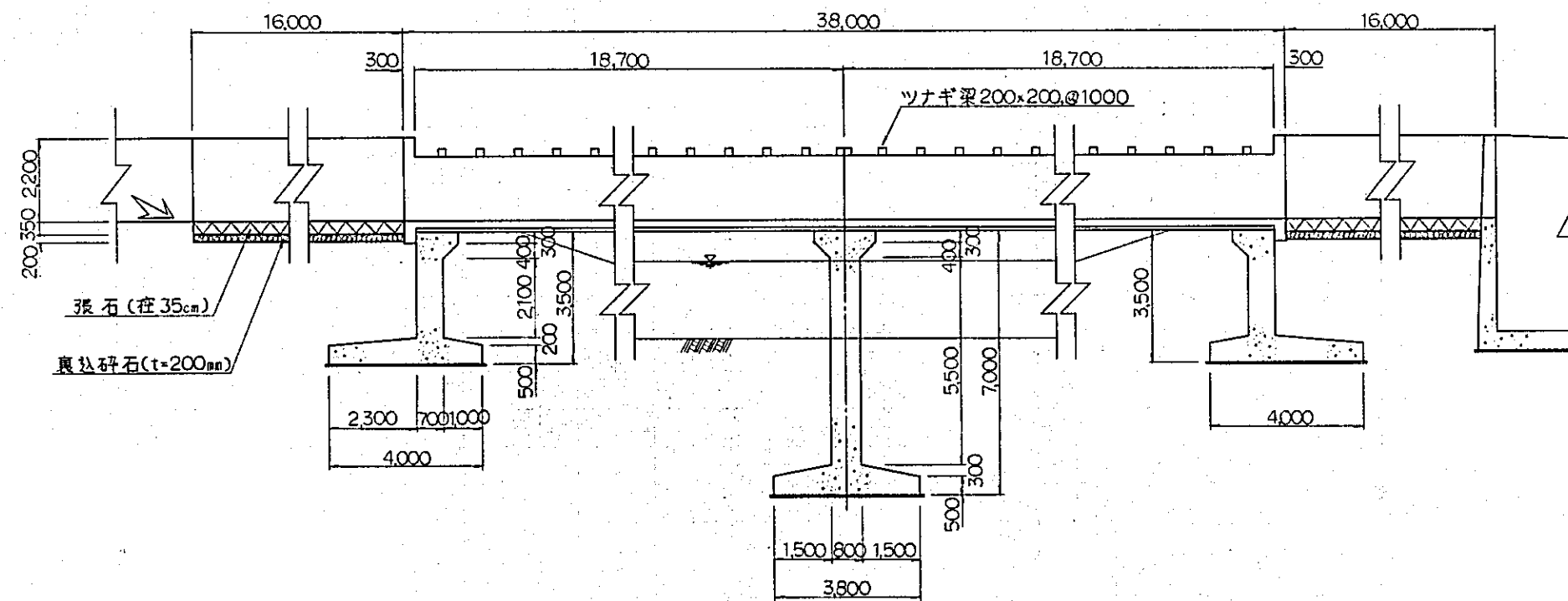


C-C 断面图

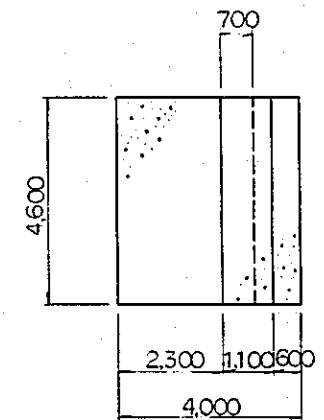




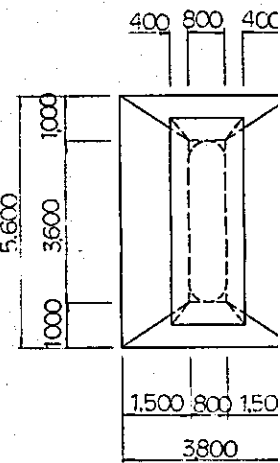
縦断図



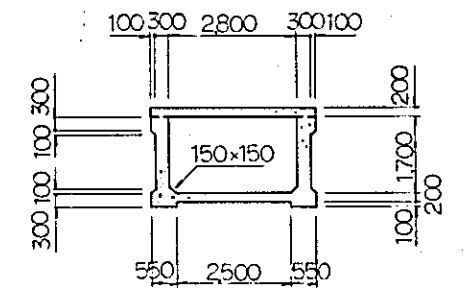
橋台平面図

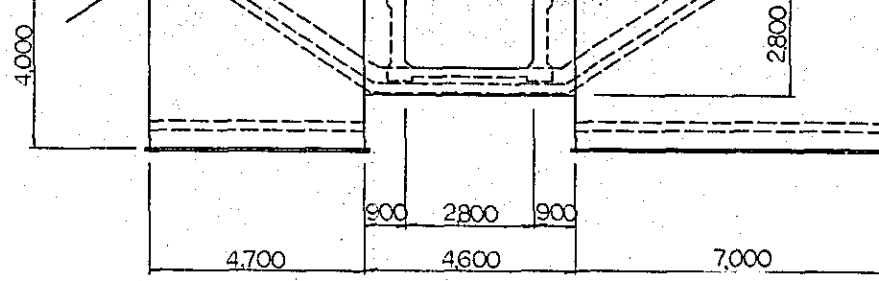


橋脚平面図

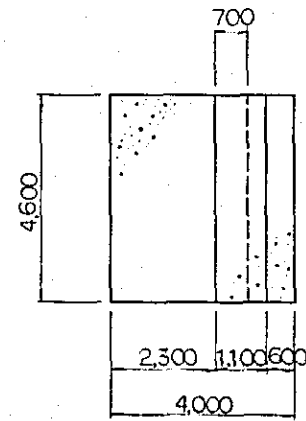


C-C 断面図

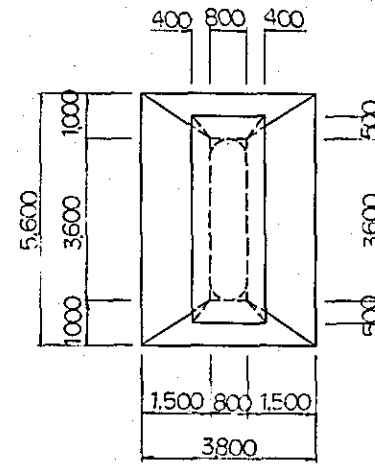




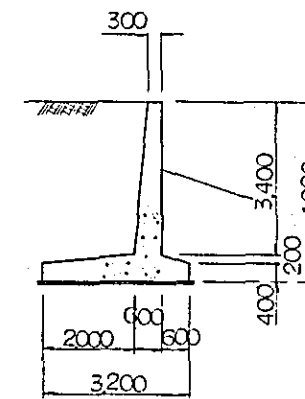
橋台平面図



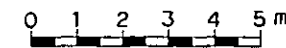
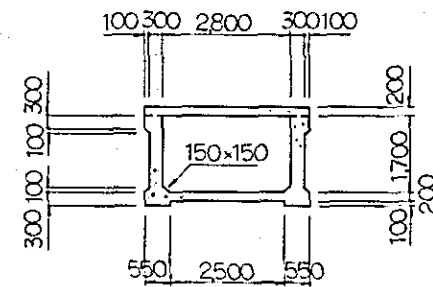
橋脚平面図



D-D断面図



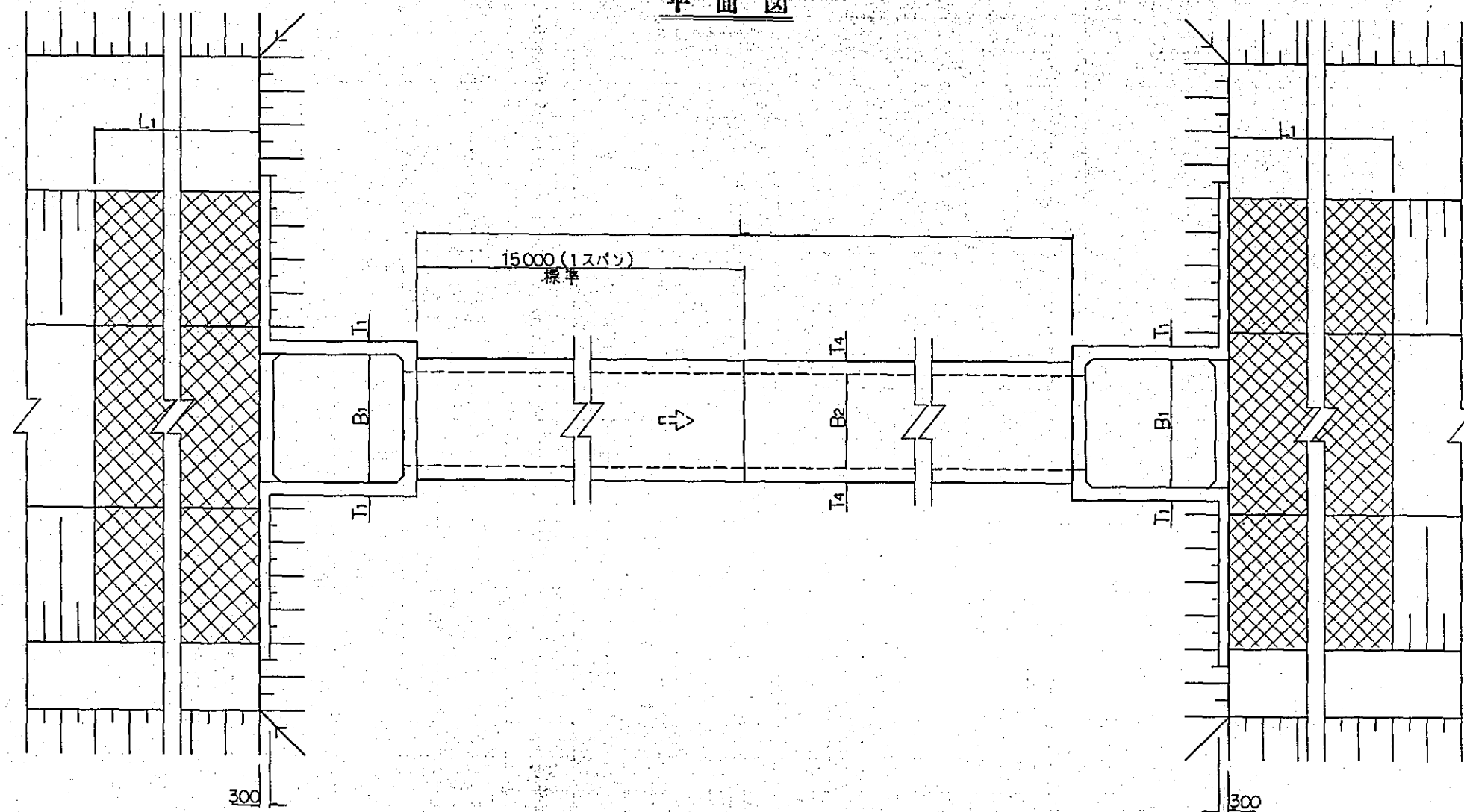
C-C断面図



国際協力事業団	
受入 月日 84.5.30	105
登録No. 10354	80.7
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中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
幹線用水路万北線 四方山排水水路橋構造図	
用 - 25	

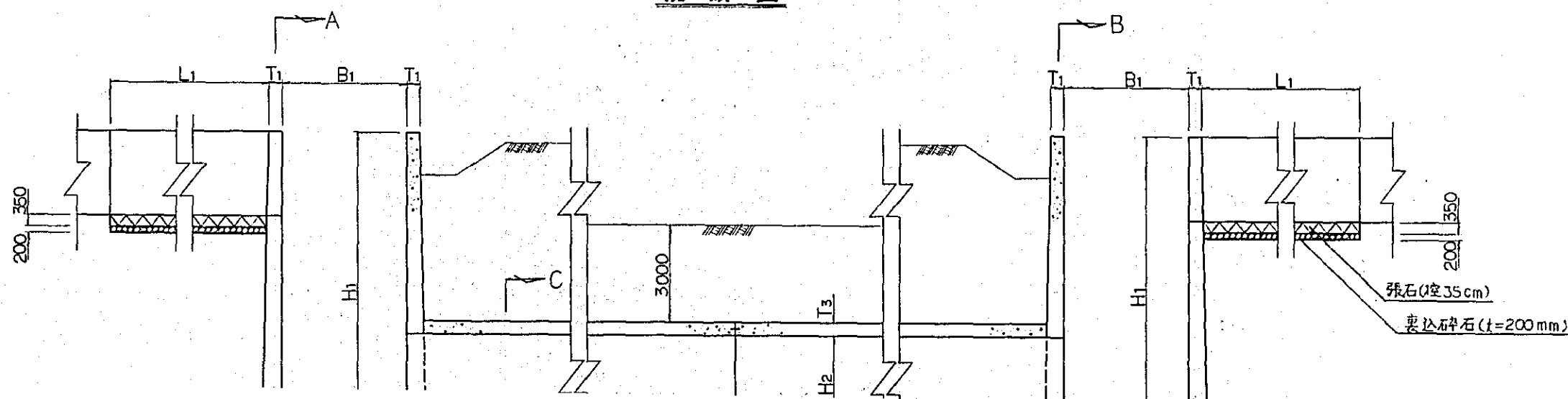
平面図



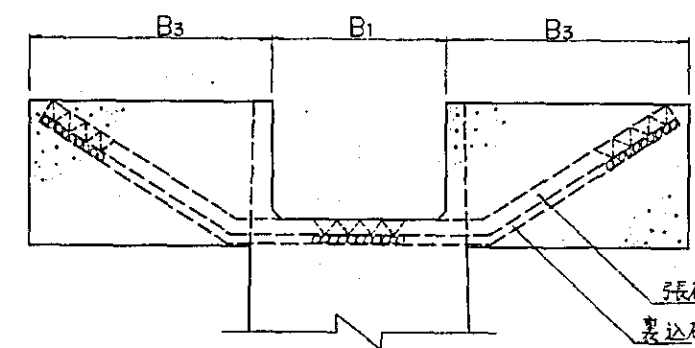
寸法表

幹線水路名	横断地点	流量 (m^3/s)	B ₁	H ₁	T ₁	T ₂	B ₂	H ₂	T ₃	T ₄
頭道崗左岸線	河泉川	9.84	3800	8000	250	450	2800	2800	400	4
	三溝川	〃	〃	〃	〃	〃	〃	〃	〃	〃
十八里線	十甲溝	6.51	3300	10000	300	500	2300	2300	350	3
	郝家溝	〃	〃	13000	350	550	〃	〃	〃	〃
	庆兰川	3.61	2700	9500	250	450	1700	1700	300	3
	597-6排干	〃	〃	10500	300	500	〃	〃	〃	〃
前進線	青山第1総干	4.09	2900	〃	〃	〃	1900	1900	〃	〃

縦断面図

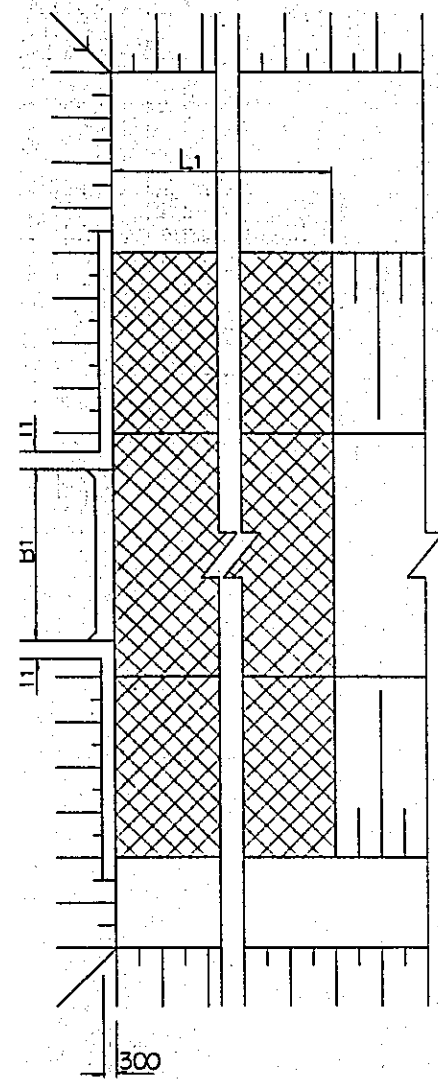


A-A, B-B 断面図



C-C 断面図

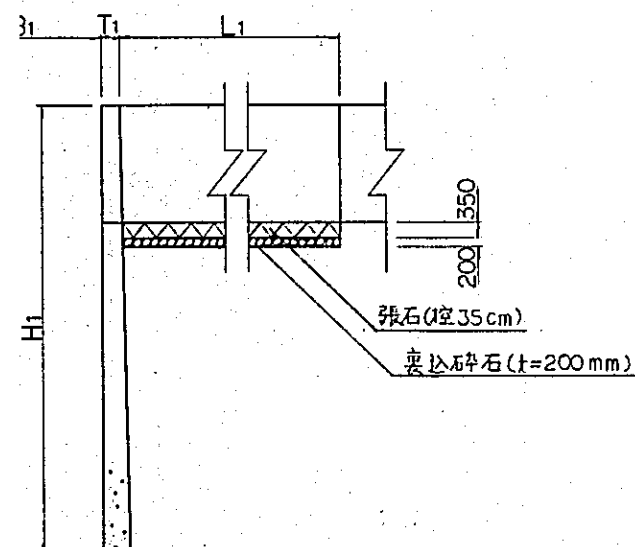
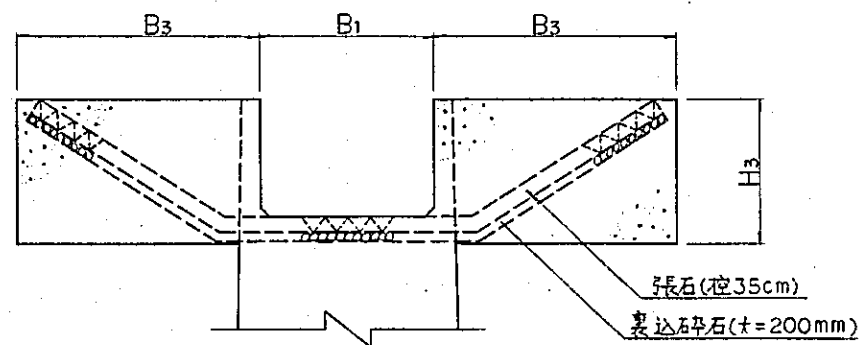
張石(径35cm)
裏込石(径200mm)



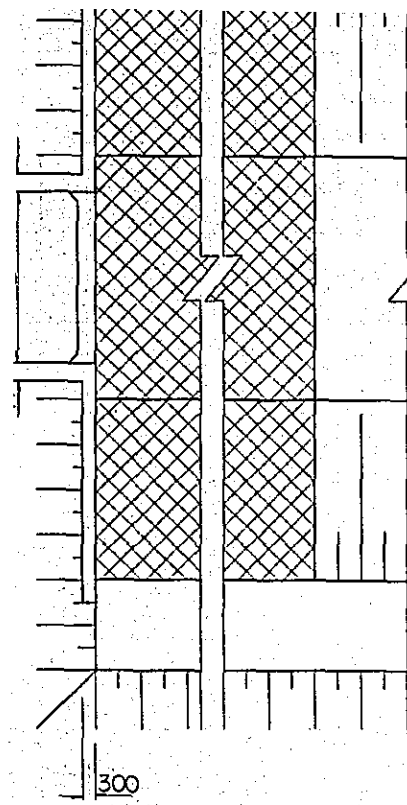
寸法表

幹線 水路名	横断地点	流量 (m³/s)	B ₁	H ₁	T ₁	T ₂	B ₂	H ₂	T ₃	T ₄	T ₅	L (m)	B ₃	H ₃	L ₁ (m)
頭道崗 左岸線	河泉川	9.84	3800	8000	250	450	2800	2800	400	400	450	45.0	5300	3200	20.0
	三道川	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	25.0	〃	〃	〃
十八里線	十甲溝	6.51	3300	10000	300	500	2300	2300	350	350	400	35.0	4200	2700	16.0
	郝家溝	〃	〃	13000	350	550	〃	〃	〃	〃	〃	45.0	〃	〃	〃
	庆兰川	3.61	2700	9500	250	450	1700	1700	300	300	350	25.0	3300	2300	12.0
	597-6排干	〃	〃	10500	300	500	〃	〃	〃	〃	〃	45.0	〃	〃	〃
前進線	青山第1總干	4.09	2900	〃	〃	〃	1900	1900	〃	〃	〃	35.0	3500	2400	13.0

A-A, B-B 断面図

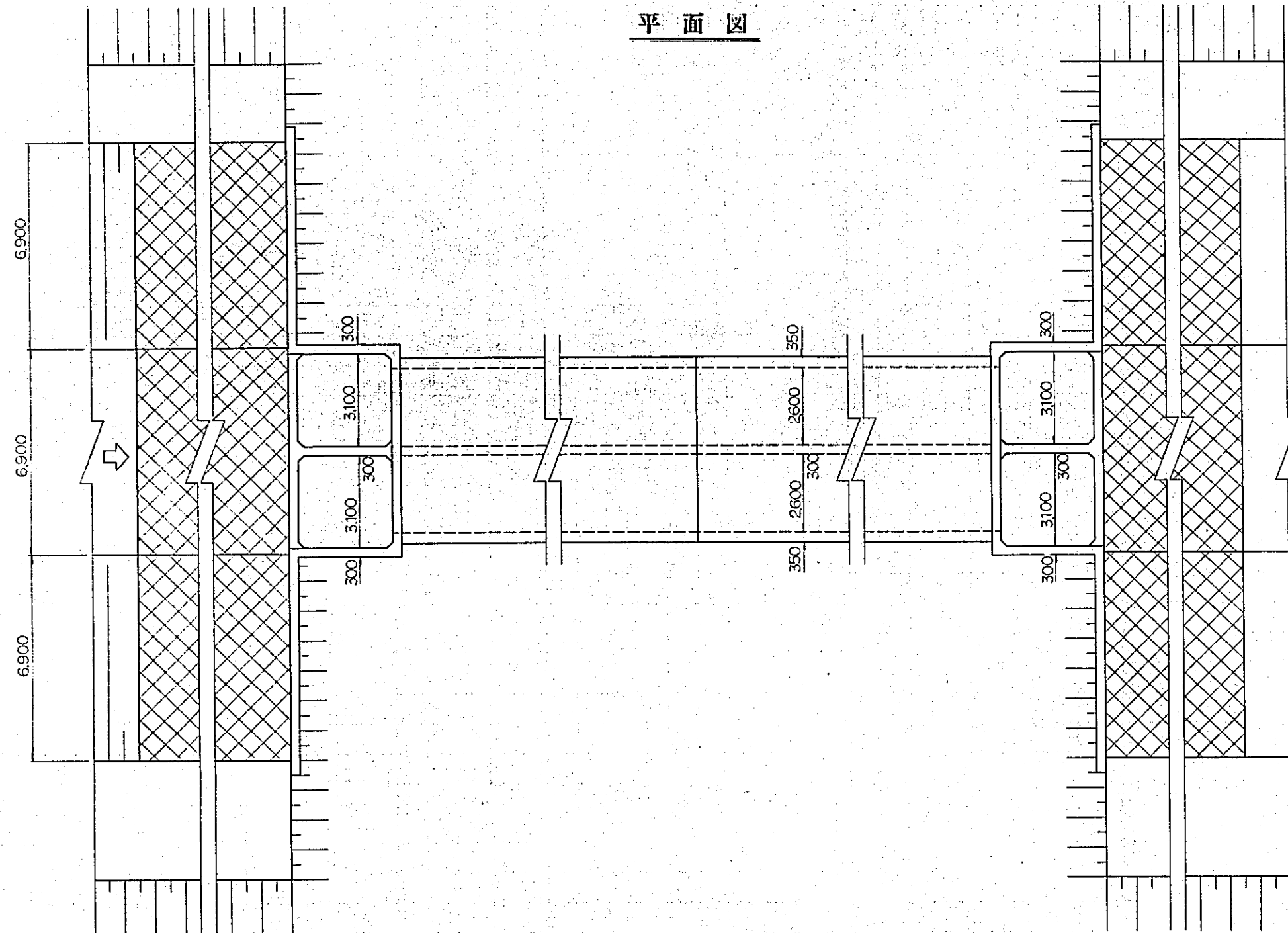


C-C 断面図

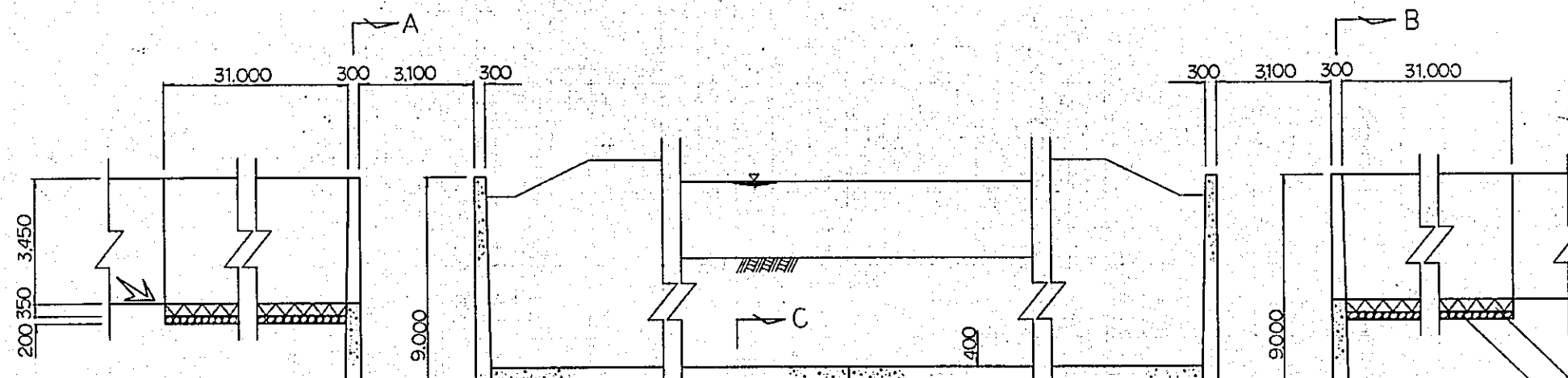


水路名	断面地点	(m ² /s)	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D30	D31	D32	D33	D34	D35	D36	D37	D38	D39	D40	D41	D42	D43	D44	D45	D46	D47	D48	D49	D50	D51	D52	D53	D54	D55	D56	D57	D58	D59	D60	D61	D62	D63	D64	D65	D66	D67	D68	D69	D70	D71	D72	D73	D74	D75	D76	D77	D78	D79	D80	D81	D82	D83	D84	D85	D86	D87	D88	D89	D90	D91	D92	D93	D94	D95	D96	D97	D98	D99	D100	D101	D102	D103	D104	D105	D106	D107	D108	D109	D110	D111	D112	D113	D114	D115	D116	D117	D118	D119	D120	D121	D122	D123	D124	D125	D126	D127	D128	D129	D130	D131	D132	D133	D134	D135	D136	D137	D138	D139	D140	D141	D142	D143	D144	D145	D146	D147	D148	D149	D150	D151	D152	D153	D154	D155	D156	D157	D158	D159	D160	D161	D162	D163	D164	D165	D166	D167	D168	D169	D170	D171	D172	D173	D174	D175	D176	D177	D178	D179	D180	D181	D182	D183	D184	D185	D186	D187	D188	D189	D190	D191	D192	D193	D194	D195	D196	D197	D198	D199	D200	D201	D202	D203	D204	D205	D206	D207	D208	D209	D210	D211	D212	D213	D214	D215	D216	D217	D218	D219	D220	D221	D222	D223	D224	D225	D226	D227	D228	D229	D230	D231	D232	D233	D234	D235	D236	D237	D238	D239	D240	D241	D242	D243	D244	D245	D246	D247	D248	D249	D250	D251	D252	D253	D254	D255	D256	D257	D258	D259	D260	D261	D262	D263	D264	D265	D266	D267	D268	D269	D270	D271	D272	D273	D274	D275	D276	D277	D278	D279	D280	D281	D282	D283	D284	D285	D286	D287	D288	D289	D290	D291	D292	D293	D294	D295	D296	D297	D298	D299	D300	D301	D302	D303	D304	D305	D306	D307	D308	D309	D310	D311	D312	D313	D314	D315	D316	D317	D318	D319	D320	D321	D322	D323	D324	D325	D326	D327	D328	D329	D330	D331	D332	D333	D334	D335	D336	D337	D338	D339	D340	D341	D342	D343	D344	D345	D346	D347	D348	D349	D350	D351	D352	D353	D354	D355	D356	D357	D358	D359	D360	D361	D362	D363	D364	D365	D366	D367	D368	D369	D370	D371	D372	D373	D374	D375	D376	D377	D378	D379	D380	D381	D382	D383	D384	D385	D386	D387	D388	D389	D390	D391	D392	D393	D394	D395	D396	D397	D398	D399	D400	D401	D402	D403	D404	D405	D406	D407	D408	D409	D410	D411	D412	D413	D414	D415	D416	D417	D418	D419	D420	D421	D422	D423	D424	D425	D426	D427	D428	D429	D430	D431	D432	D433	D434	D435	D436	D437	D438	D439	D440	D441	D442	D443	D444	D445	D446	D447	D448	D449	D450	D451	D452	D453	D454	D455	D456	D457	D458	D459	D460	D461	D462	D463	D464	D465	D466	D467	D468	D469	D470	D471	D472	D473	D474	D475	D476	D477	D478	D479	D480	D481	D482	D483	D484	D485	D486	D487	D488	D489	D490	D491	D492	D493	D494	D495	D496	D497	D498	D499	D500	D501	D502	D503	D504	D505	D506	D507	D508	D509	D510	D511	D512	D513	D514	D515	D516	D517	D518	D519	D520	D521	D522	D523	D524	D525	D526	D527	D528	D529	D530	D531	D532	D533	D534	D535	D536	D537	D538	D539	D540	D541	D542	D543	D544	D545	D546	D547	D548	D549	D550	D551	D552	D553	D554	D555	D556	D557	D558	D559	D560	D561	D562	D563	D564	D565	D566	D567	D568	D569	D570	D571	D572	D573	D574	D575	D576	D577	D578	D579	D580	D581	D582	D583	D584	D585	D586	D587	D588	D589	D590	D591	D592	D593	D594	D595	D596	D597	D598	D599	D600	D601	D602	D603	D604	D605	D606	D607	D608	D609	D610	D611	D612	D613	D614	D615	D616	D617	D618	D619	D620	D621	D622	D623	D624	D625	D626	D627	D628	D629	D630	D631	D632	D633	D634	D635	D636	D637	D638	D639	D640	D641	D642	D643	D644	D645	D646	D647	D648	D649	D650	D651	D652	D653	D654	D655	D656	D657	D658	D659	D660	D661	D662	D663	D664	D665	D666	D667	D668	D669	D670	D671	D672	D673	D674	D675	D676	D677	D678	D679	D680	D681	D682	D683	D684	D685	D686	D687	D688	D689	D690	D691	D692	D693	D694	D695	D696	D697	D698	D699	D700	D701	D702	D703	D704	D705	D706	D707	D708	D709	D710	D711	D712	D713	D714	D715	D716	D717	D718	D719	D720	D721	D722	D723	D724	D725	D726	D727	D728	D729	D730	D731	D732	D733	D734	D735	D736	D737	D738	D739	D740	D741	D742	D743	D744	D745	D746	D747	D748	D749	D750	D751	D752	D753	D754	D755	D756	D757	D758	D759	D760	D761	D762	D763	D764	D765	D766	D767	D768	D769	D770	D771	D772	D773	D774	D775	D776	D777	D778	D779	D780	D781	D782	D783	D784	D785	D786	D787	D788	D789	D790	D791	D792	D793	D794	D795	D796	D797	D798	D799	D800	D801	D802	D803	D804	D805	D806
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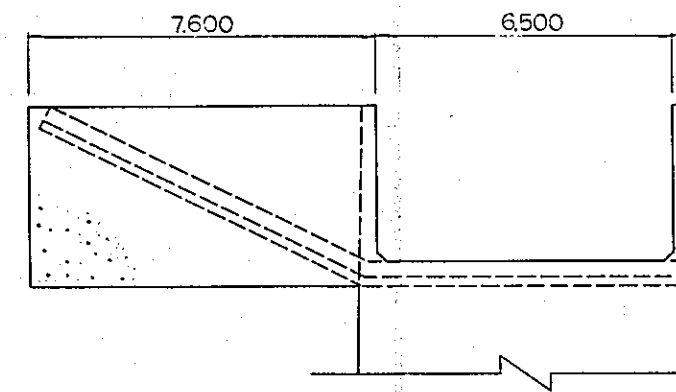
平面图



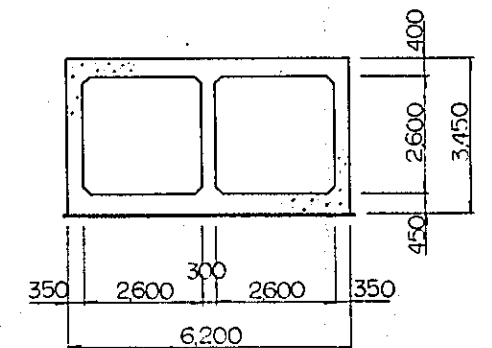
縦断図

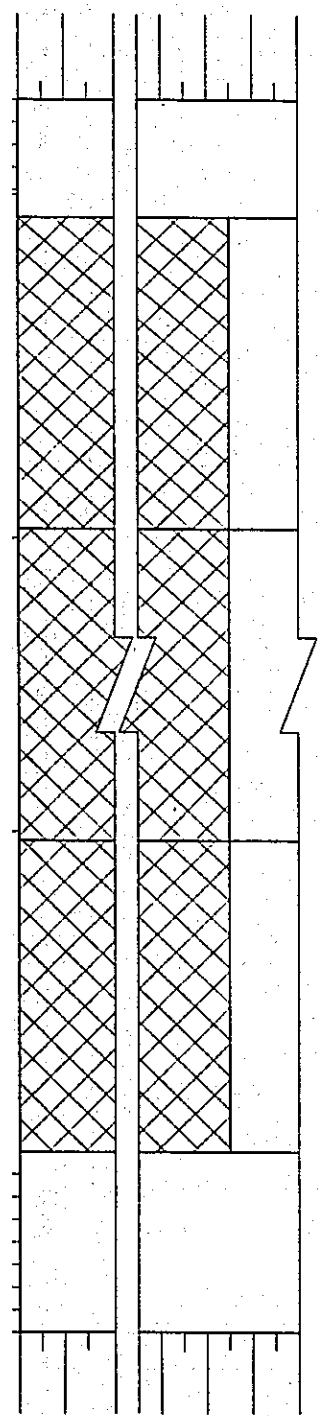


A-A, B-B 断面图

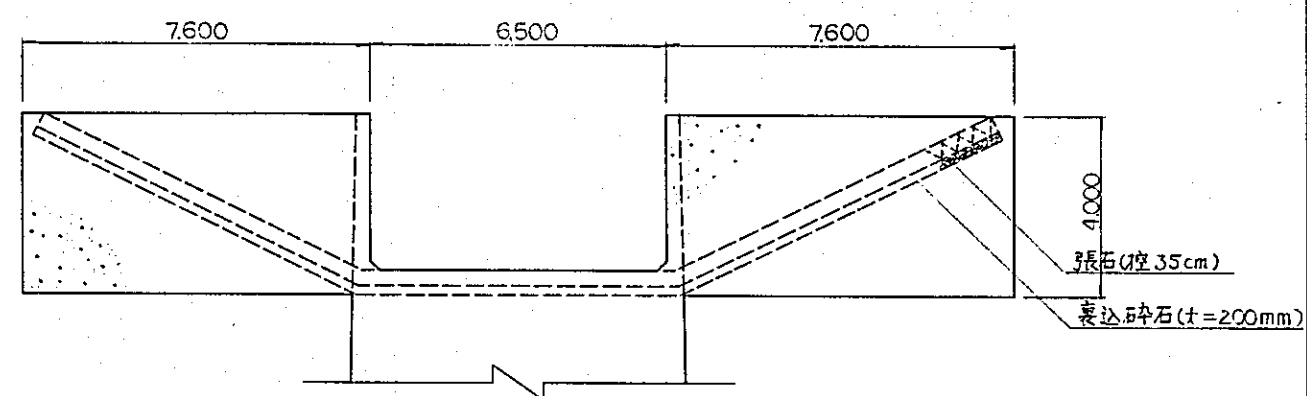


C-C 断面图

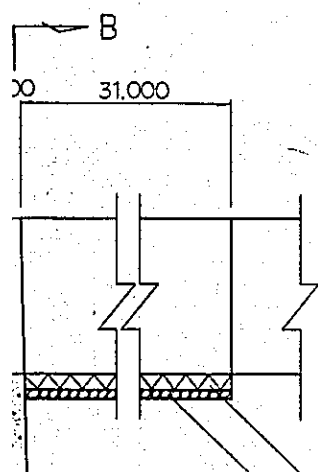
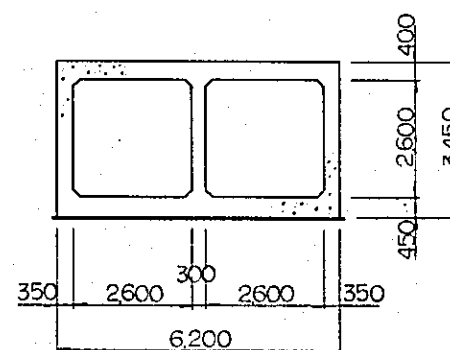


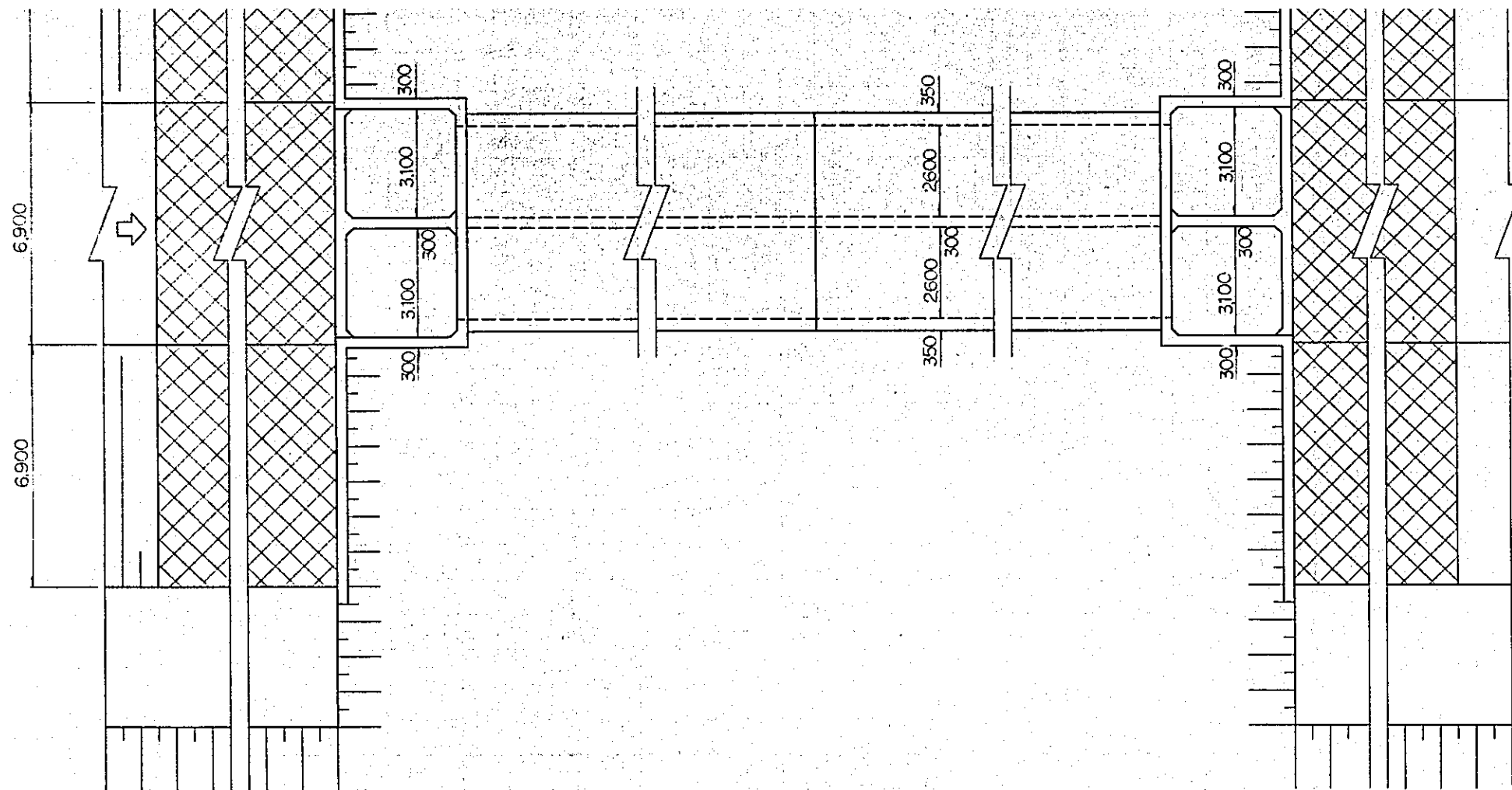


A-A, B-B 断面图

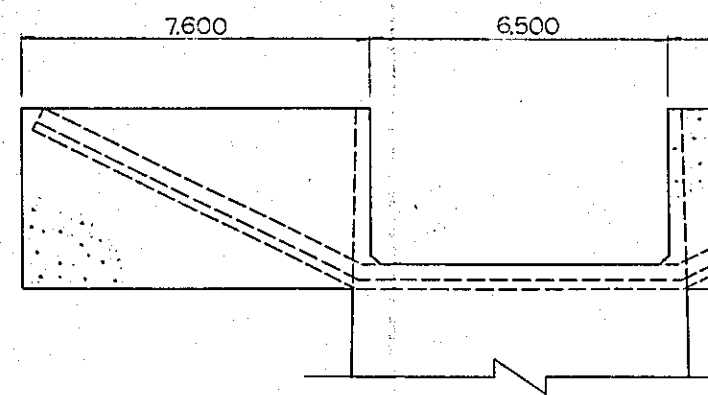
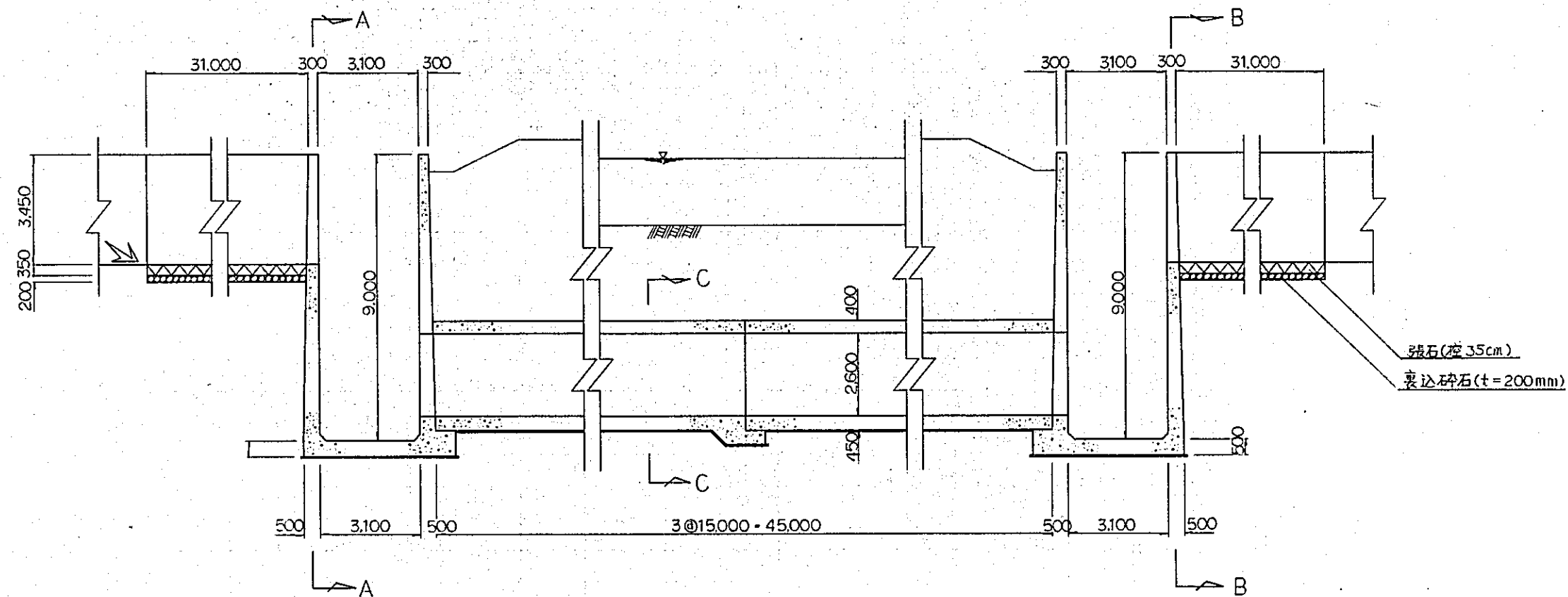


C-C 断面图

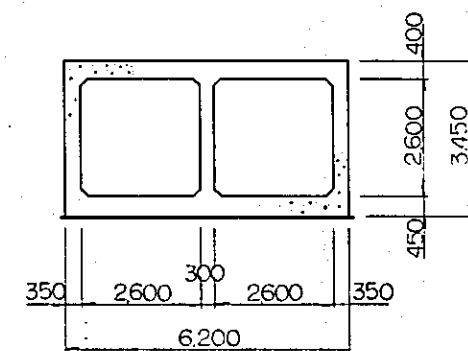


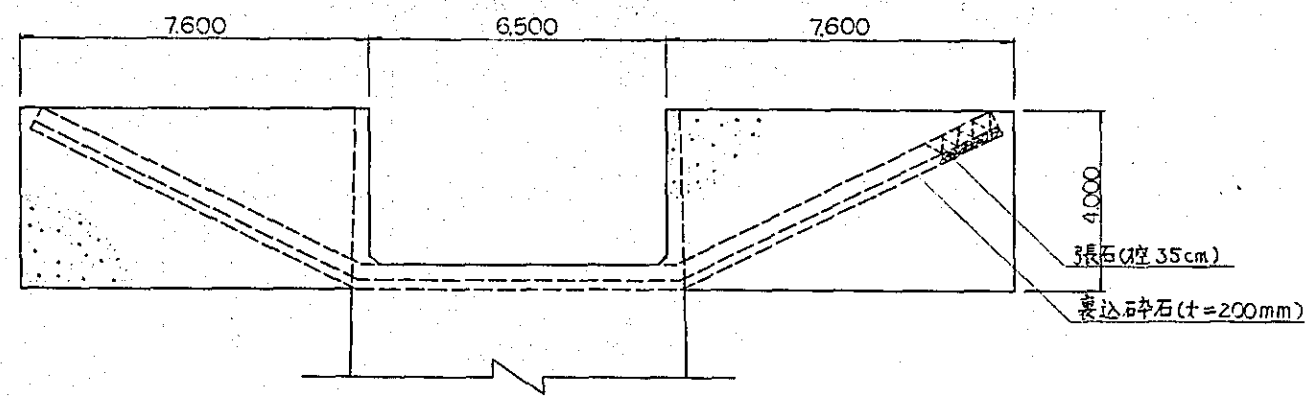


縱断面図

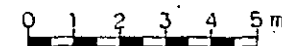
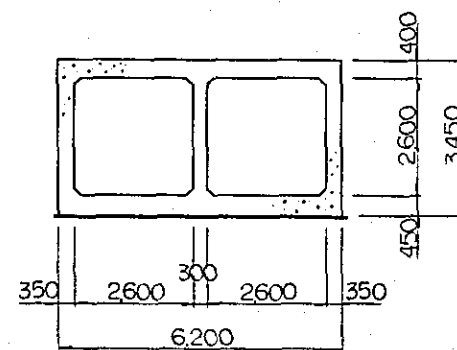


C-C断面図





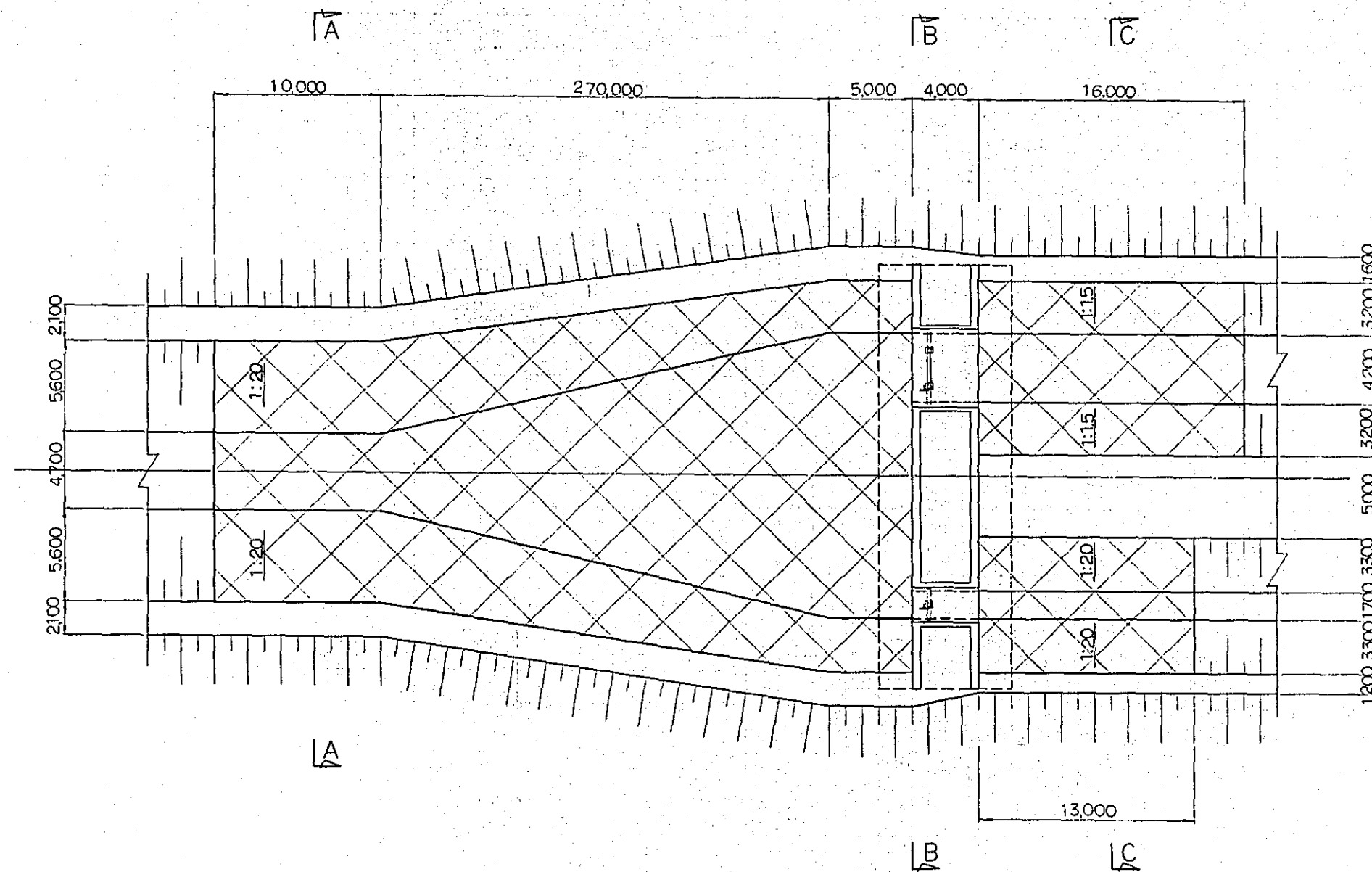
C-C断面図



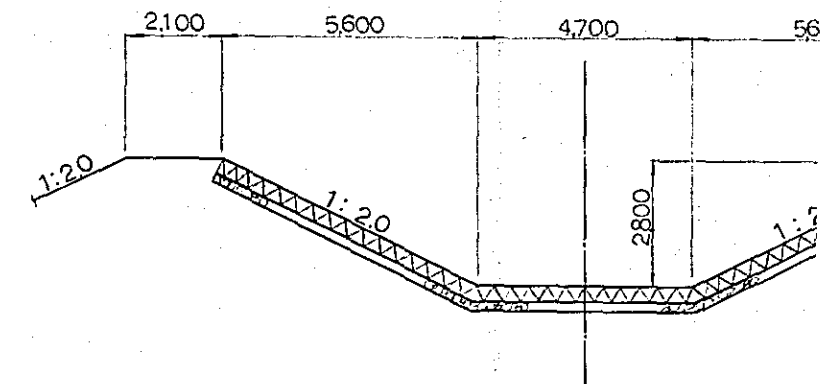
国際協力事業団	
受入 月日	'84. 5. 30
登録No.	10354
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中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
幹線用水路青山線 北関排水サイホン工橋造図	
用 - 27	

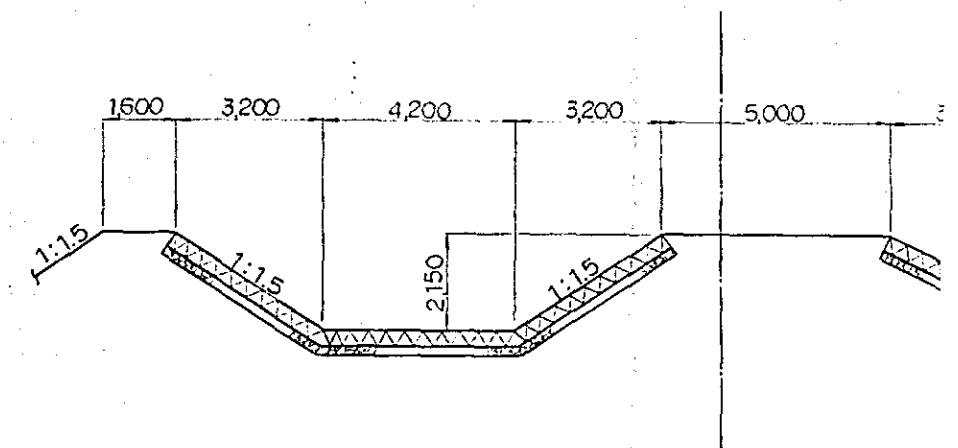
平面图 SCALE A



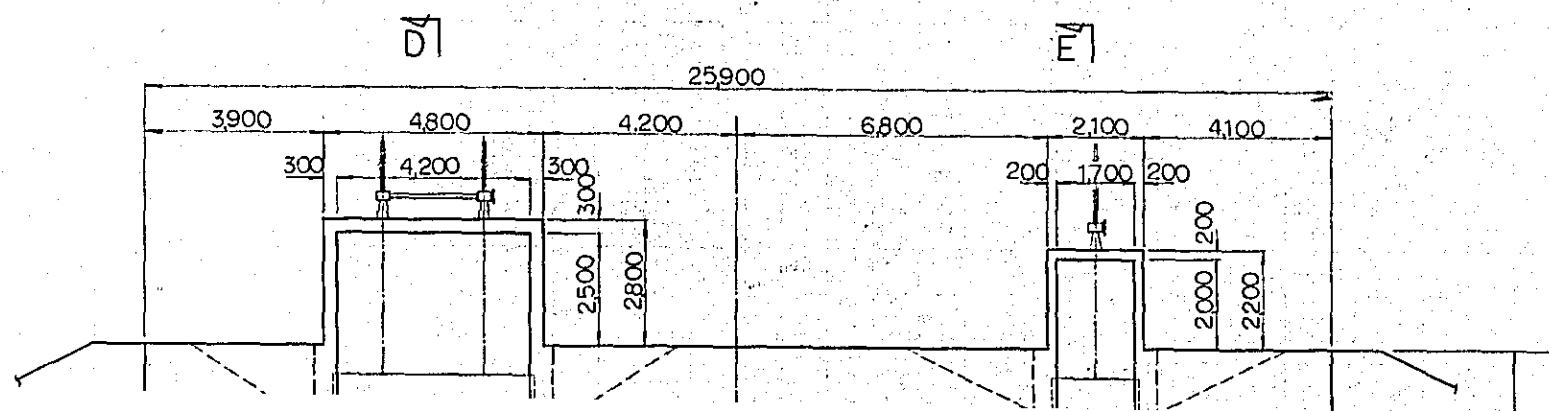
A-A断面图 SCALE A



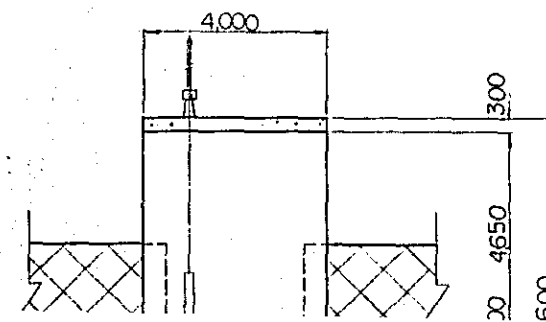
C-C断面图 SCALE A



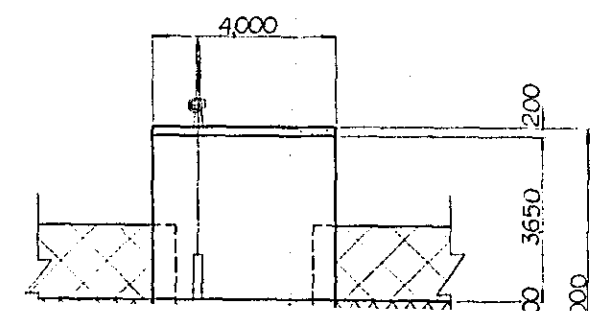
B-B断面图 SCALE B



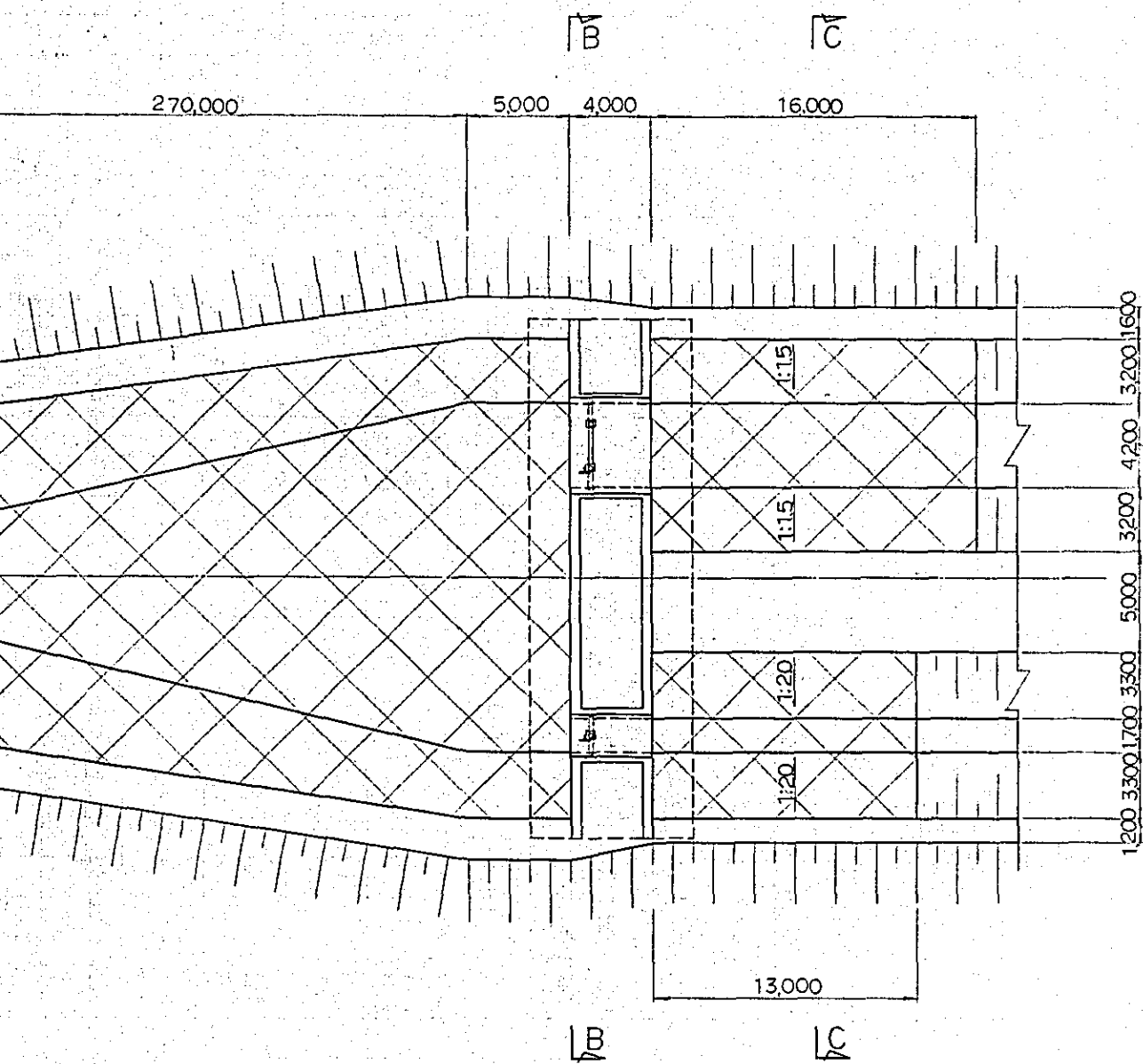
D-D断面图 SCALE B



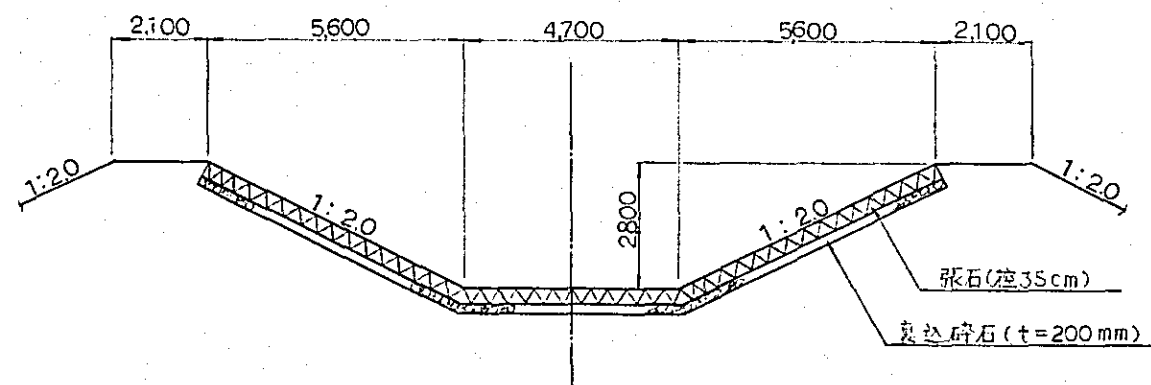
E-E断面图 SCALE B



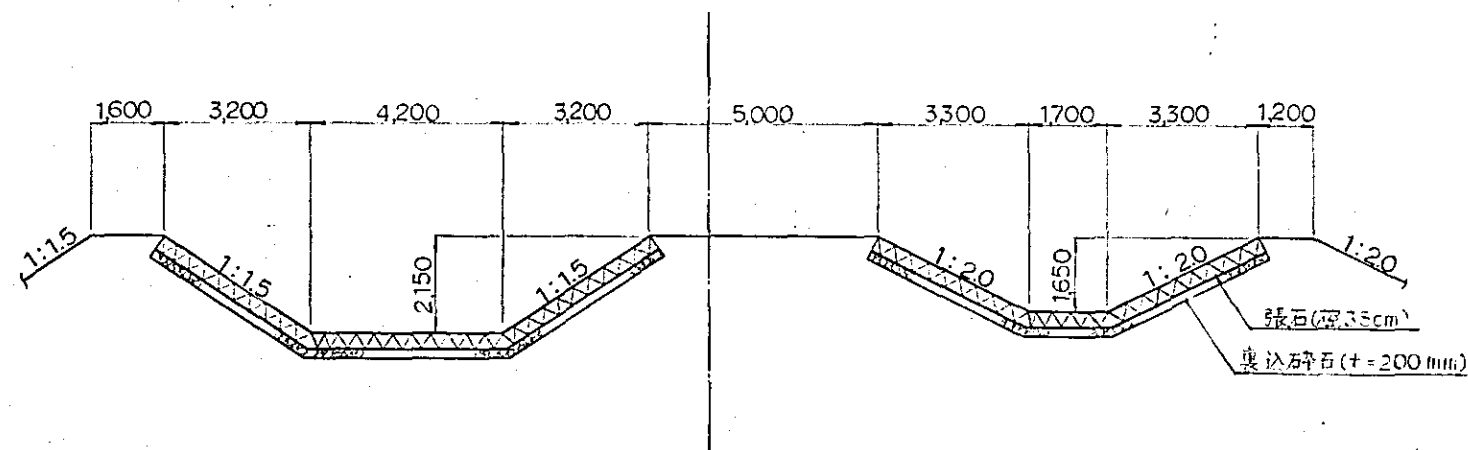
平面图 SCALE A



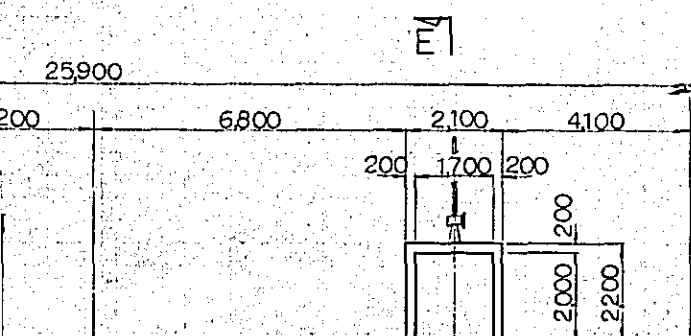
A-A断面图 SCALE B



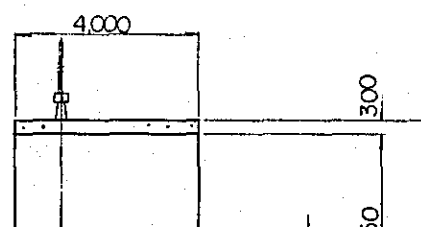
C-C断面图 SCALE B



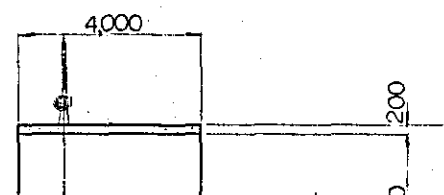
B-B断面图 SCALE B

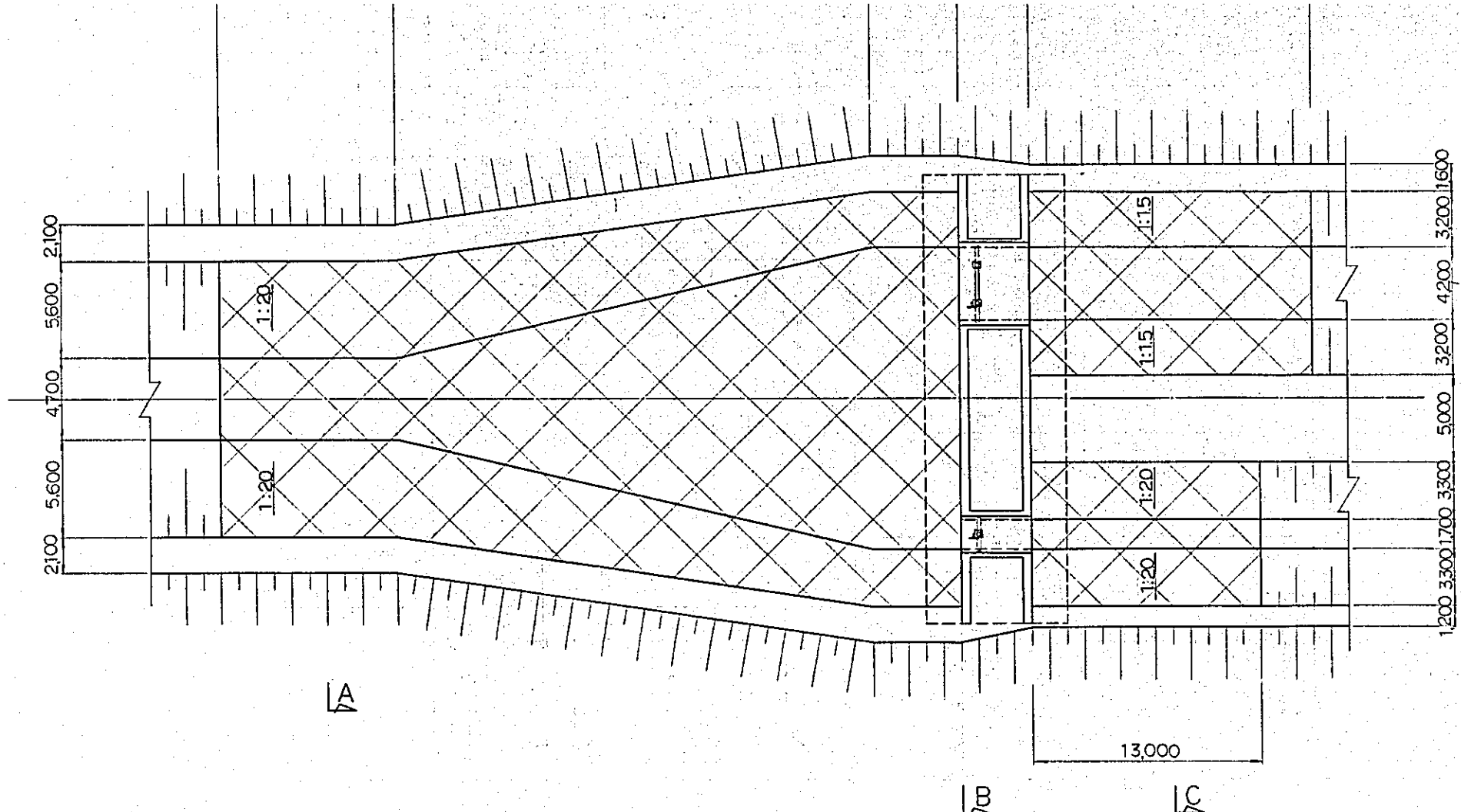


D-D断面图 SCALE B

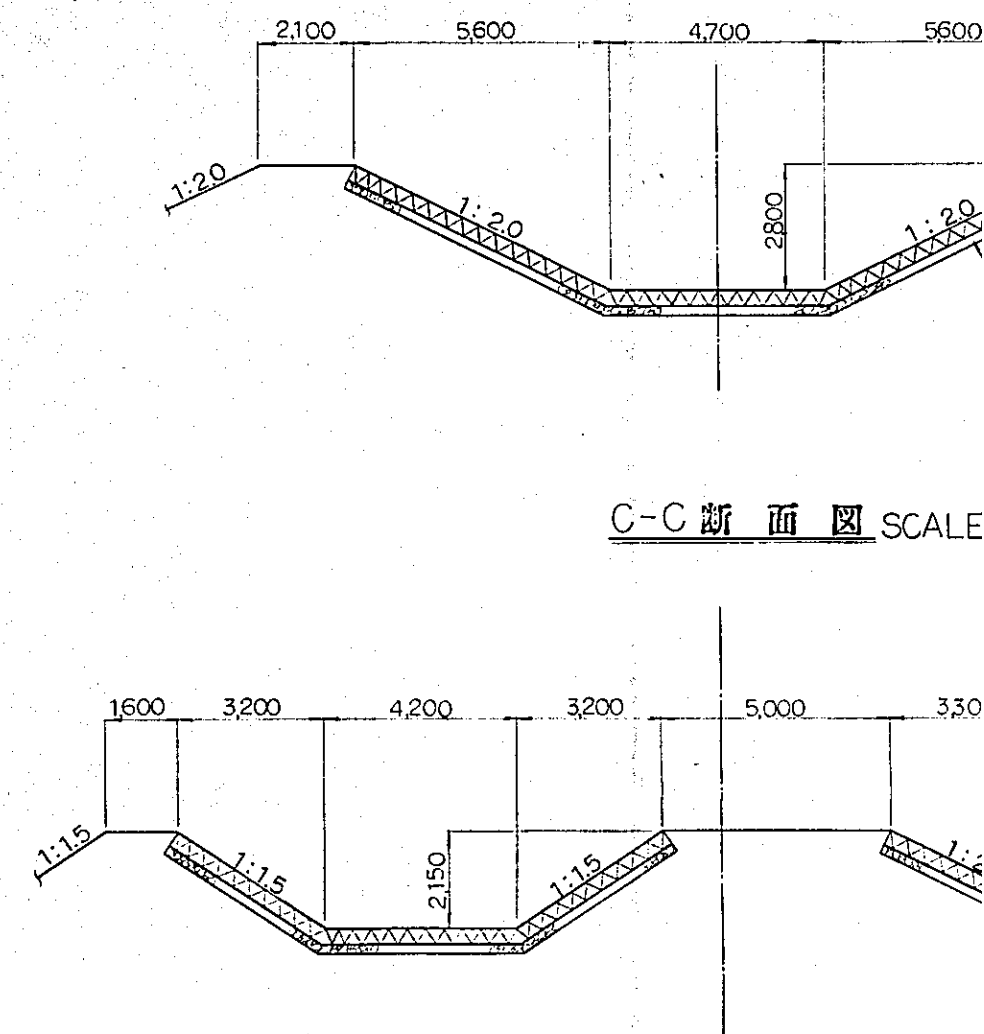


E-E断面图 SCALE B





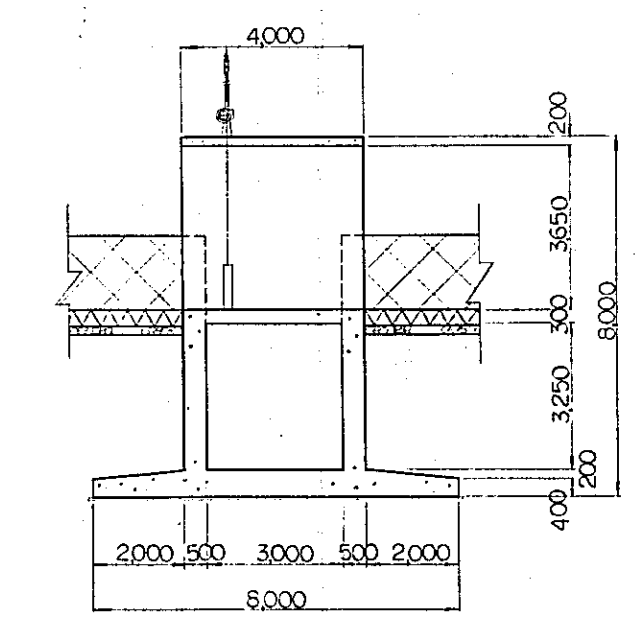
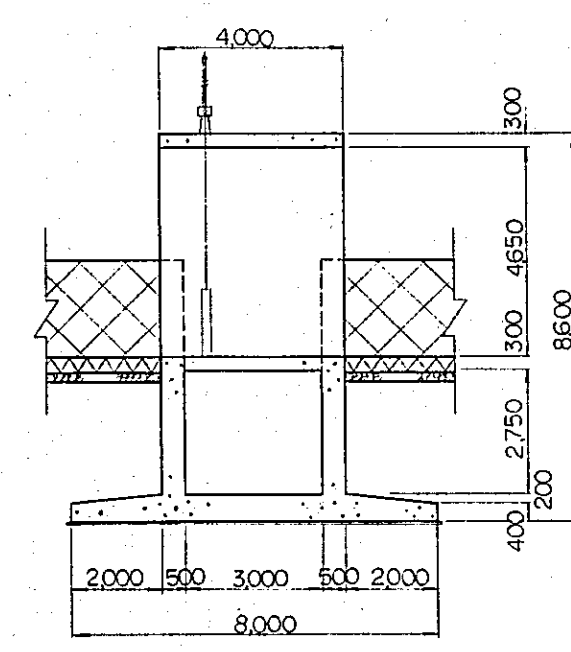
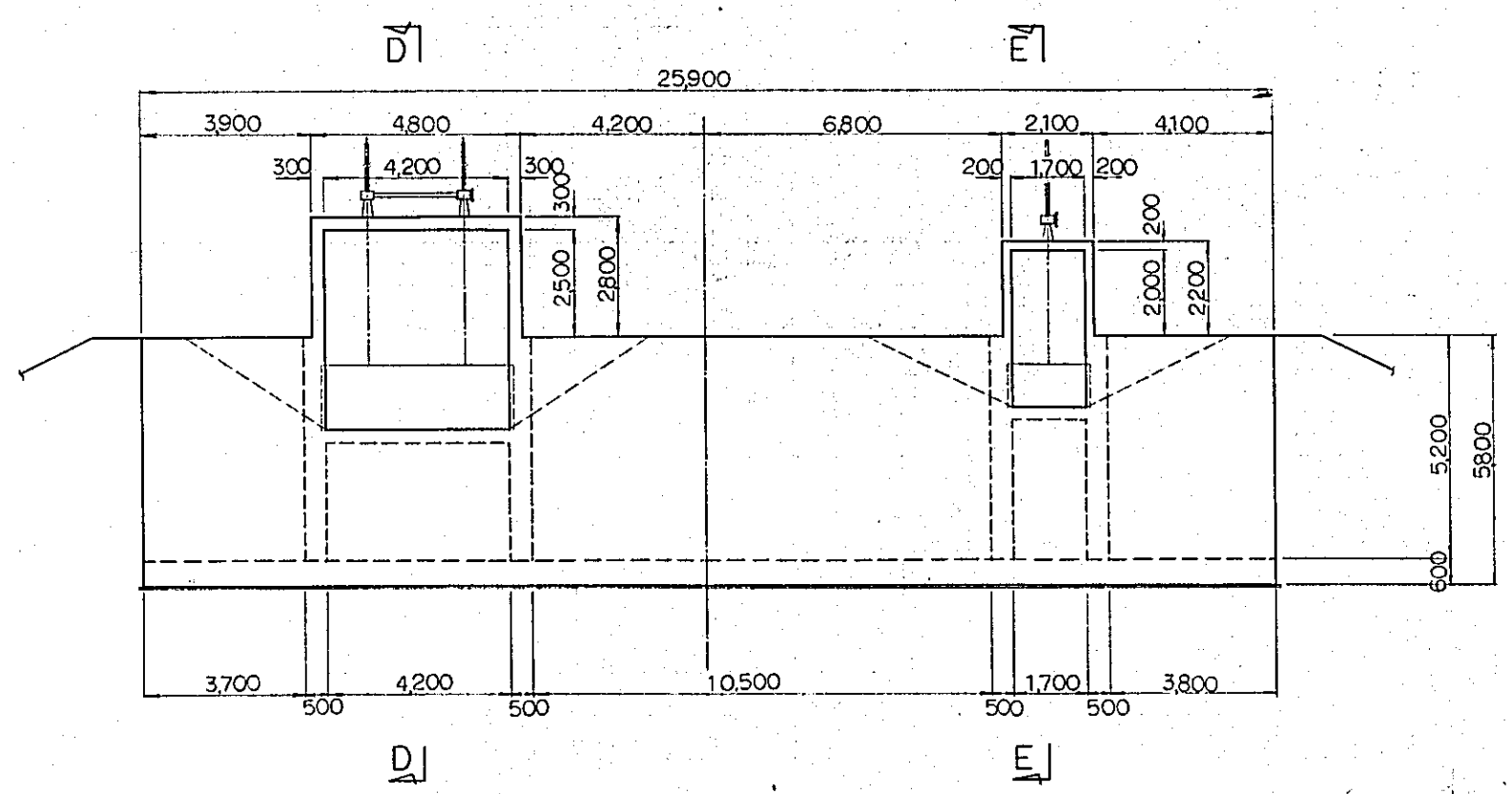
B-B断面図 SCALE B

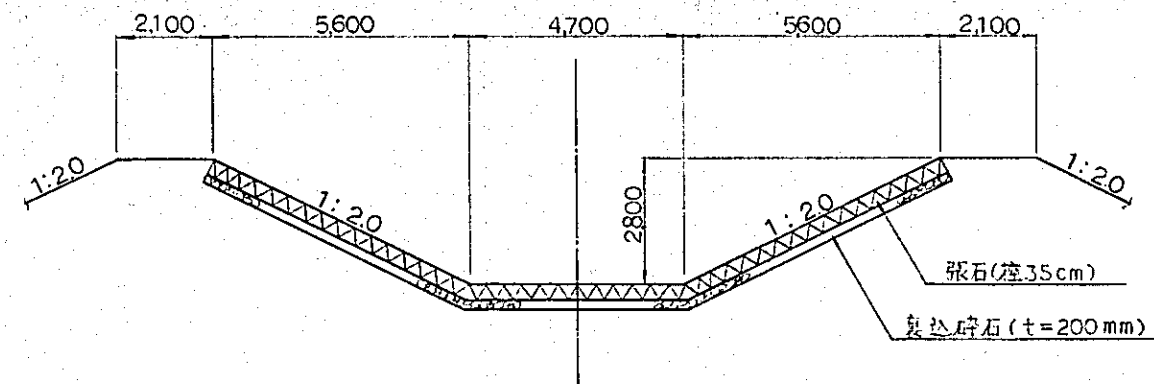


C-C断面図 SCALE

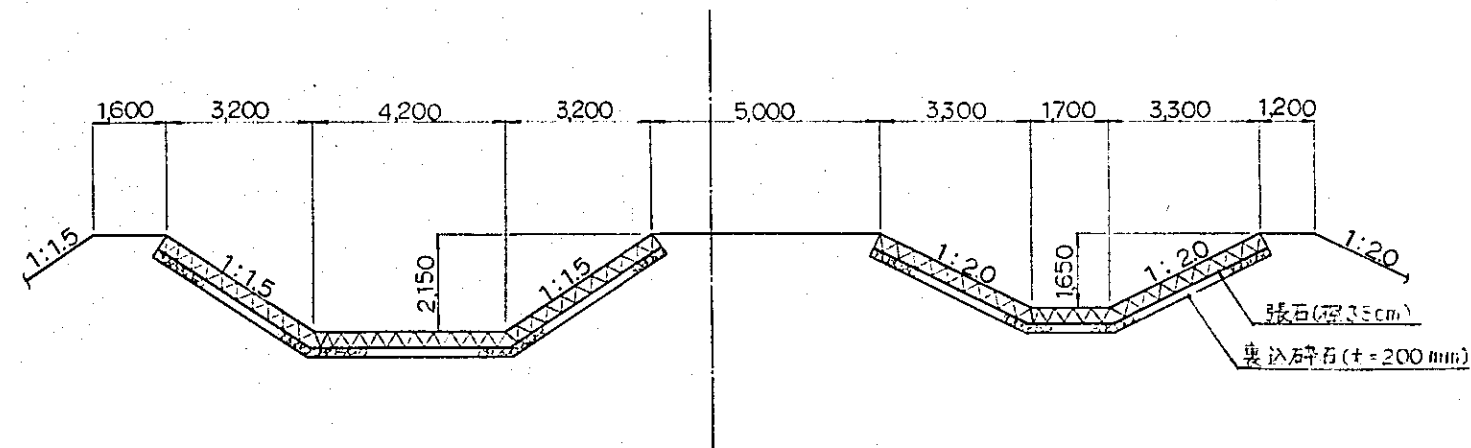
D-D断面図 SCALE B

E-E断面図 SCALE B



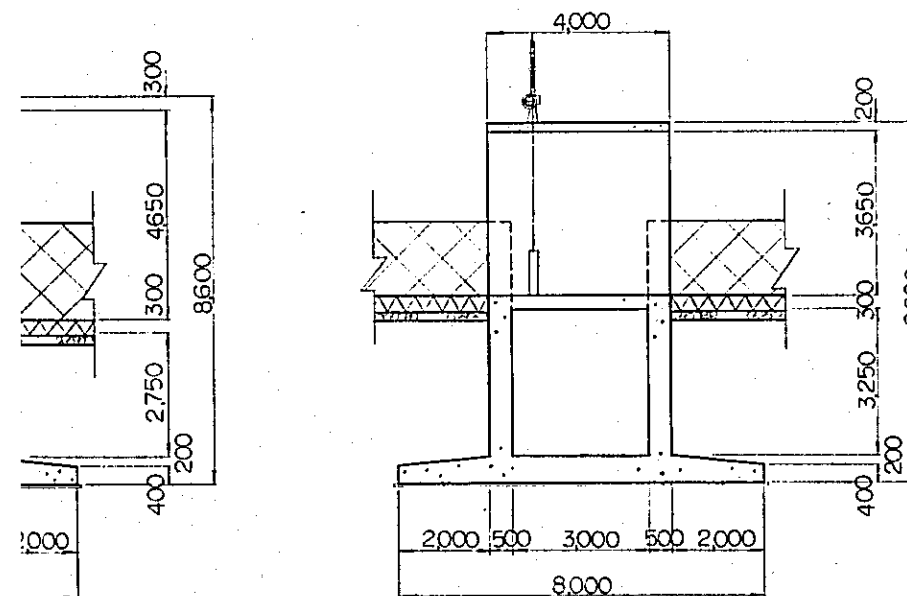


C-C断面図 SCALE B



SCALE B

E-E断面図 SCALE B



SCALE A
0 2 4 6 8 10 m

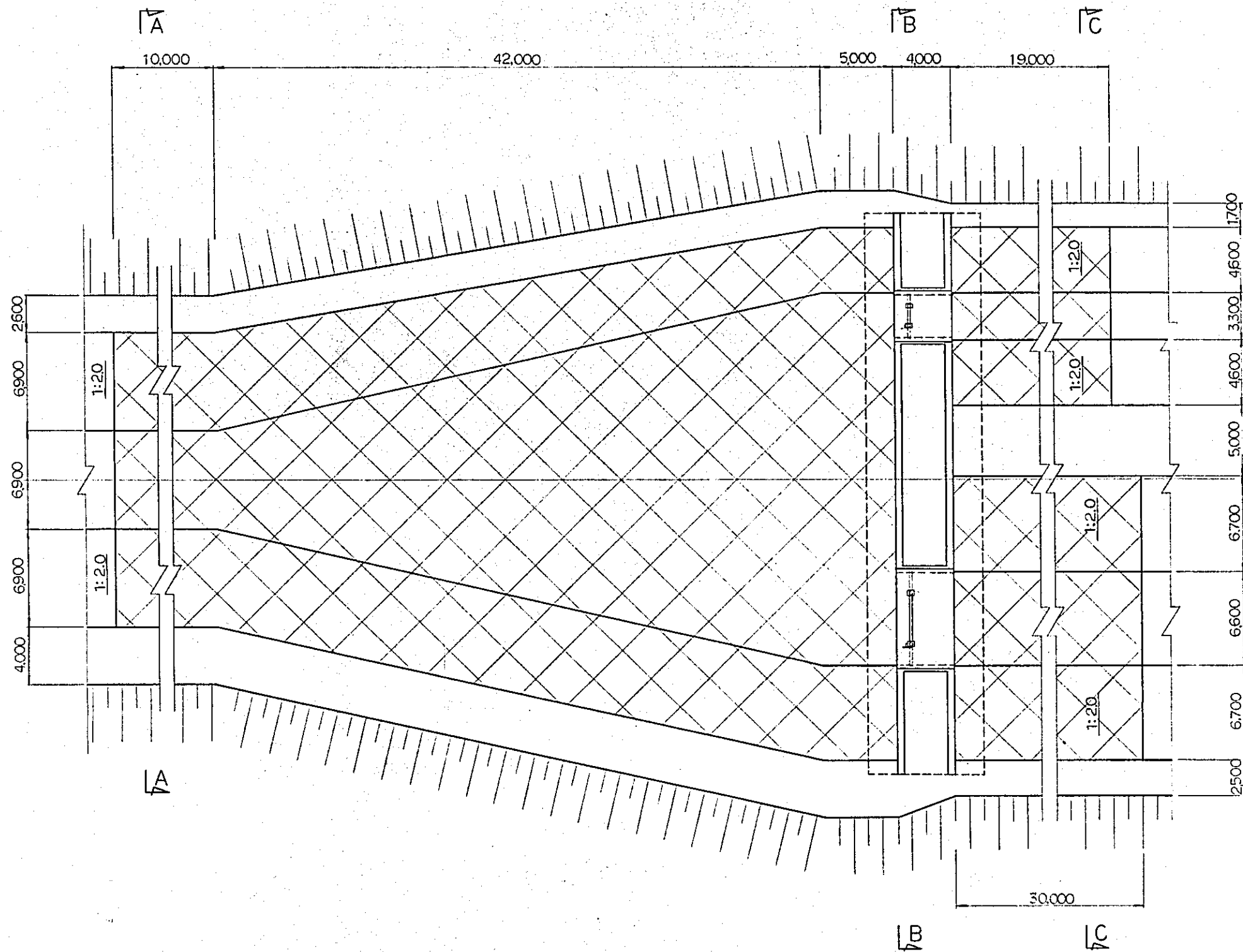
SCALE B
0 1 2 3 4 5 m

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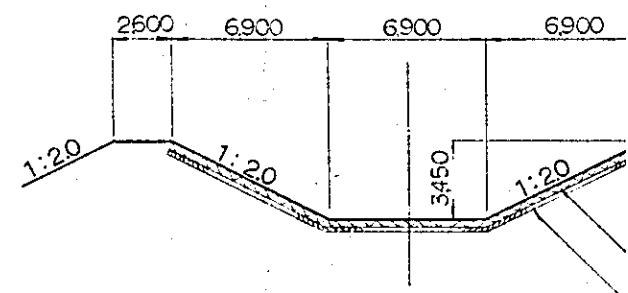
中国三江平原
竜頭橋典型区農業開発計画

国際協力事業団
幹線用水路十八里線、十八
里分線分水構築図
用 - 28

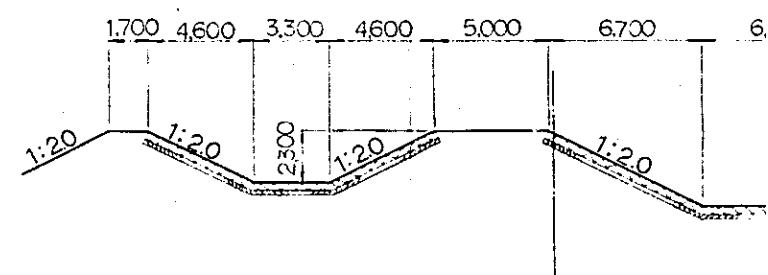
平面图



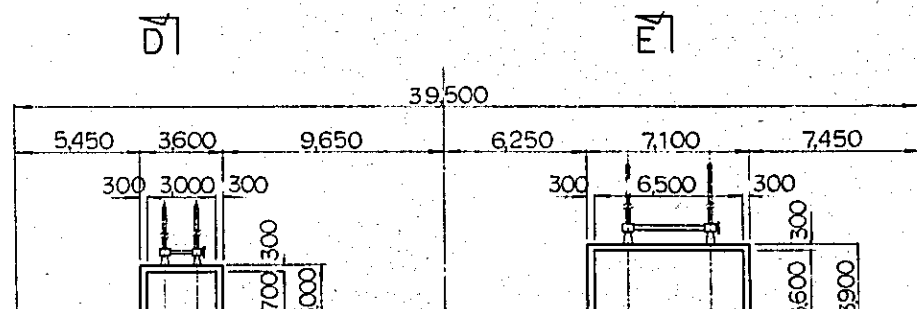
A-A 断面图



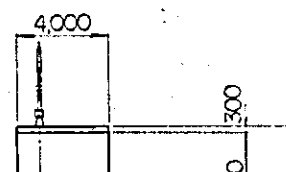
C-C 断面图



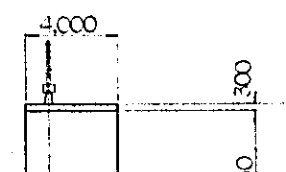
B-B 断面图



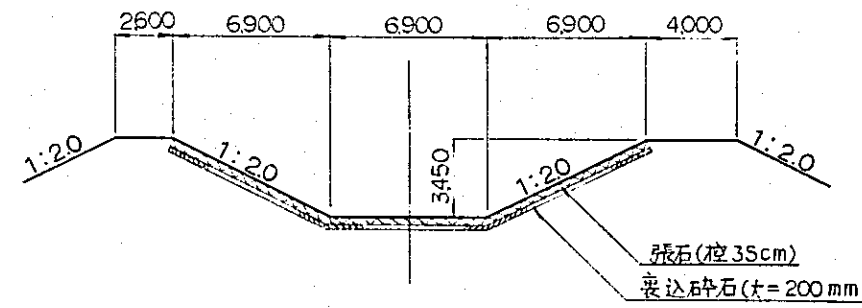
D-D 断面图



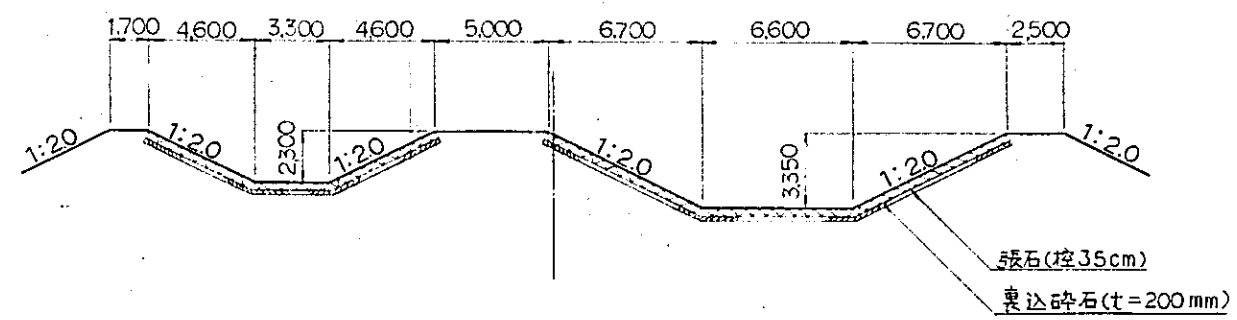
E-E 断面图



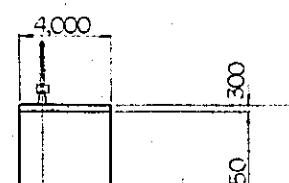
A-A 断面图

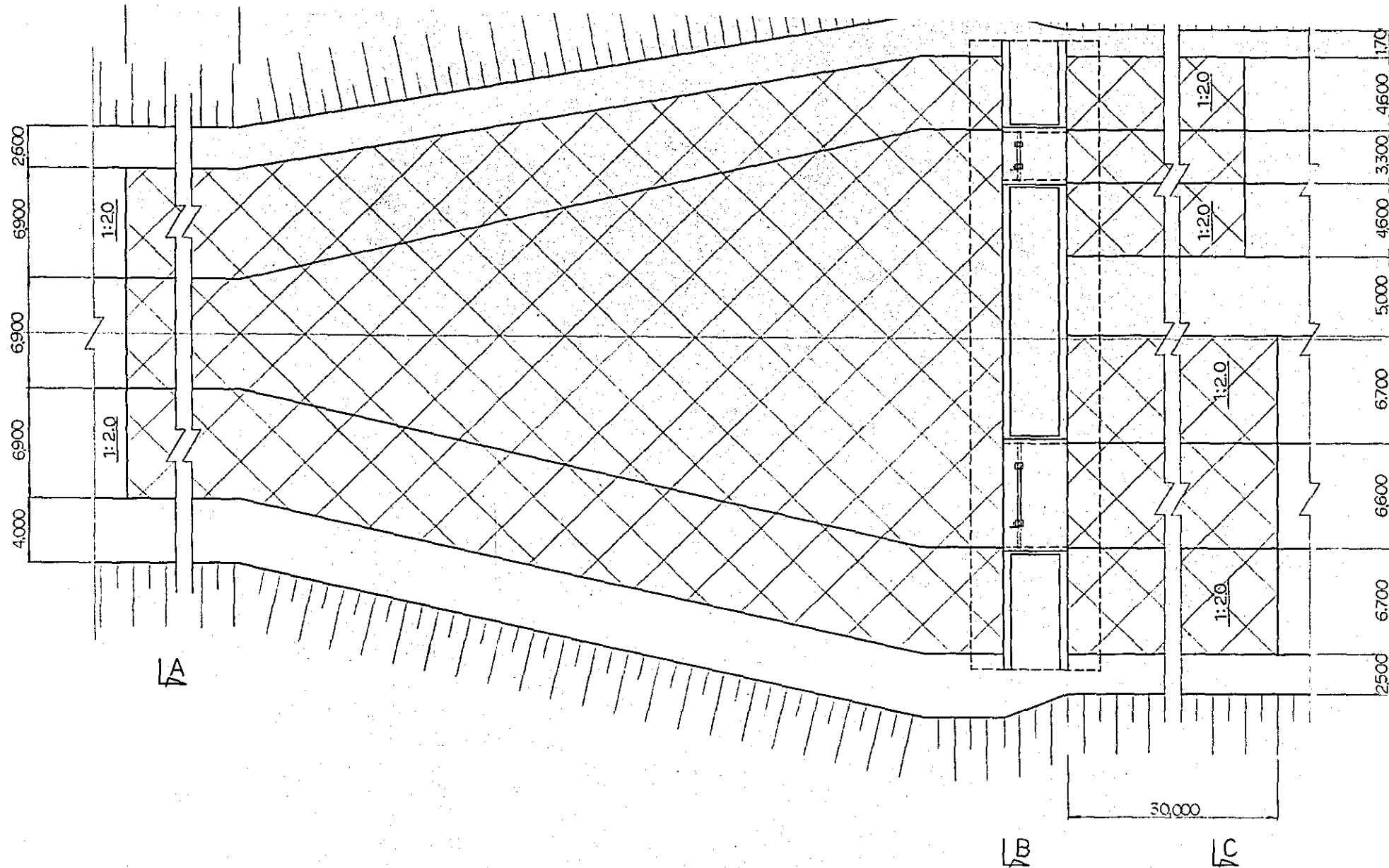


C-C 断面图

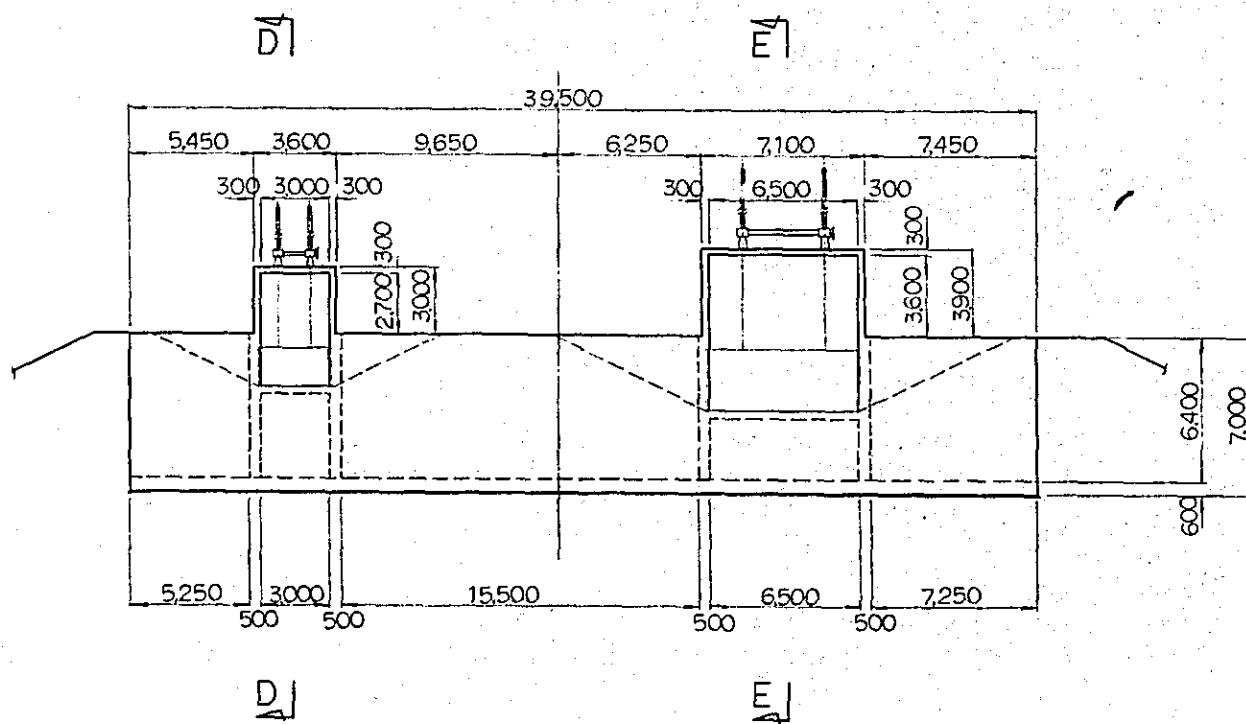


E-E 断面图

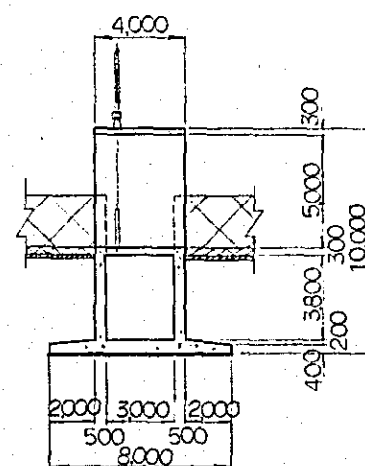




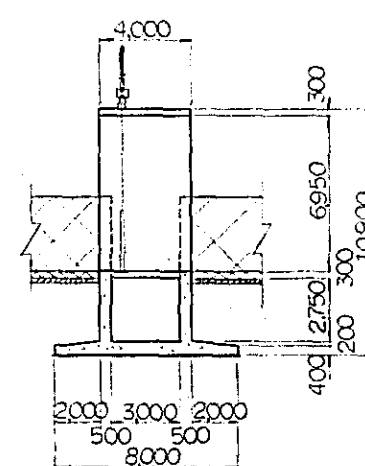
B-B 断面图



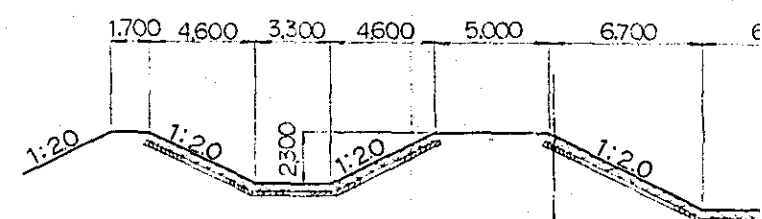
D-D 断面图

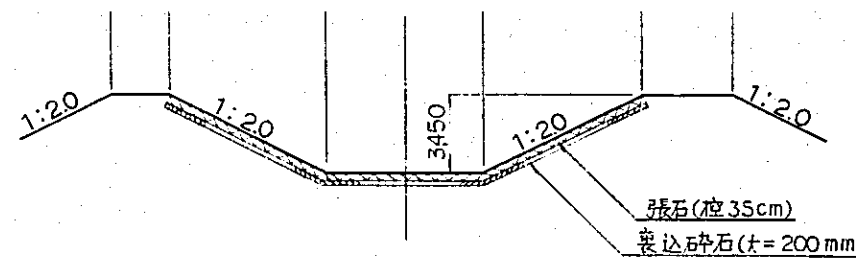


E-E 断面图

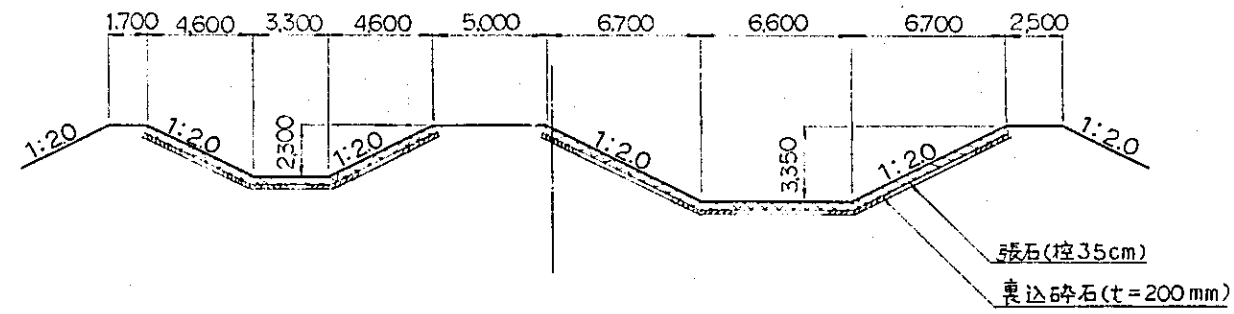


C-C 断面图

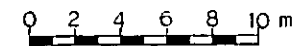
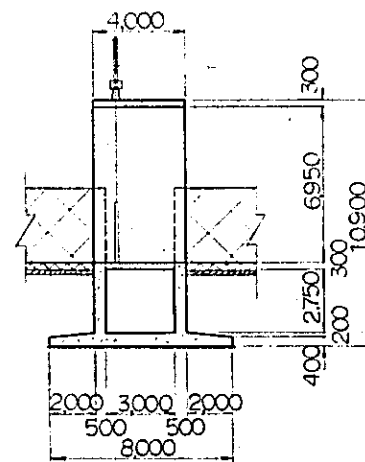




C-C 断面图



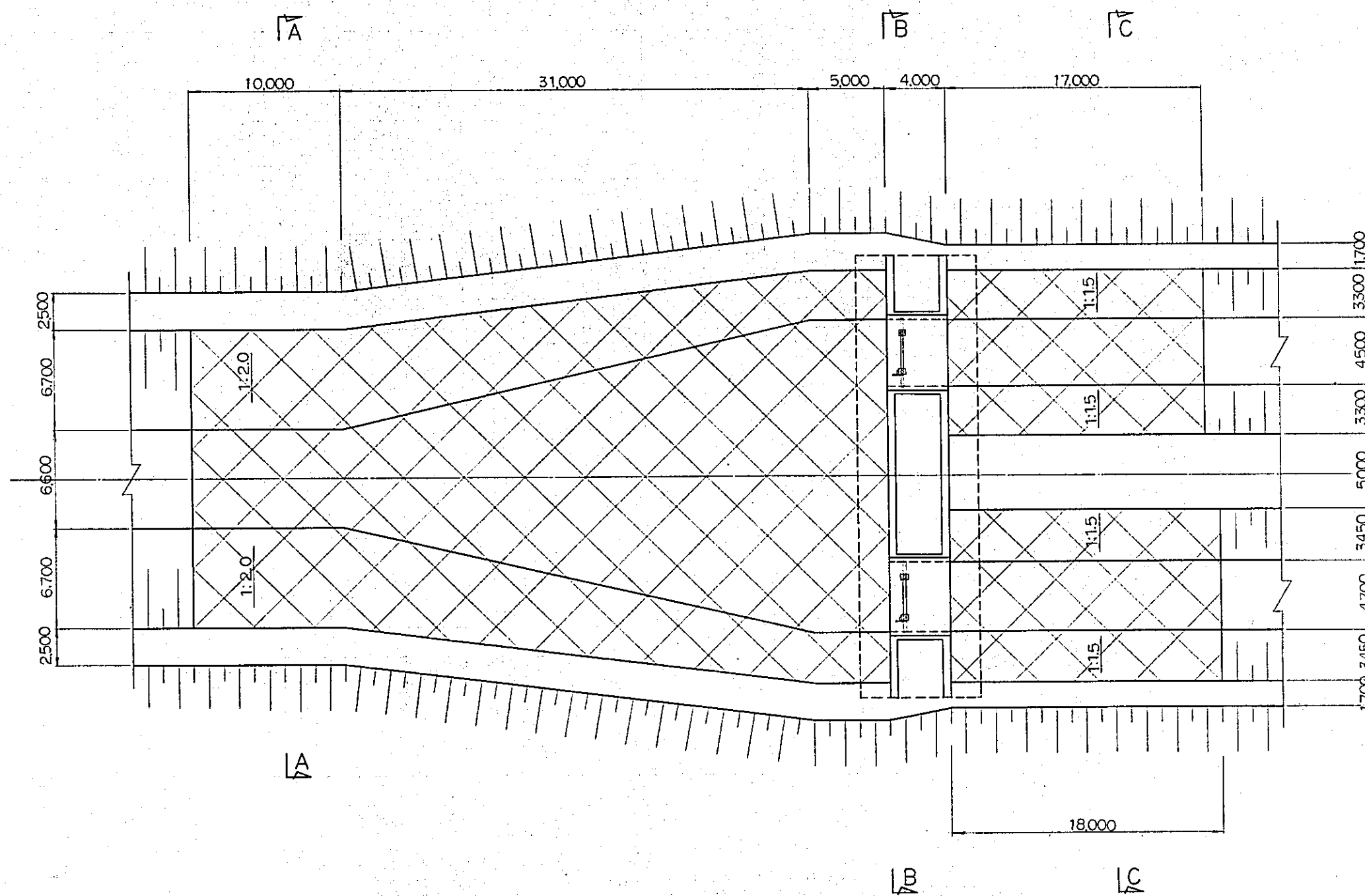
E-E 断面图



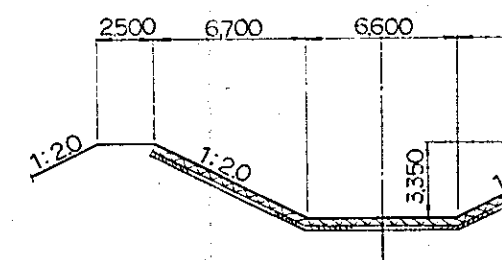
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中国三江平原 竜頭橋典型区農業開発計画	
国际协力事业团	
幹線用水路青山線、前進線 分水工構造図	
用	- 29

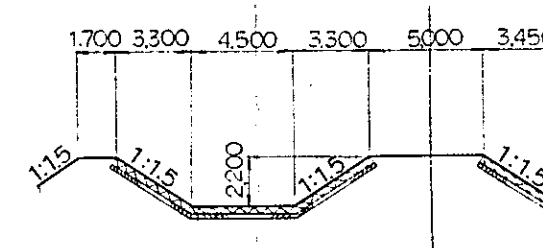
平面图



A-A 断面

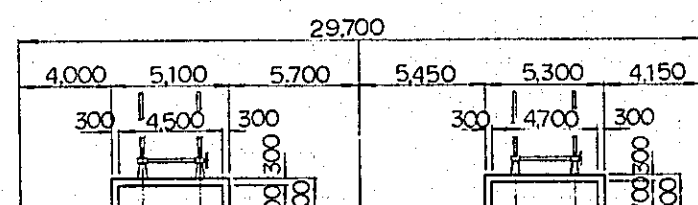


C-C 断面

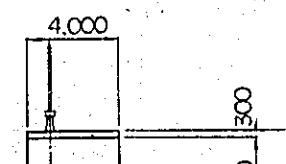


B-B 断面图

D1 E1



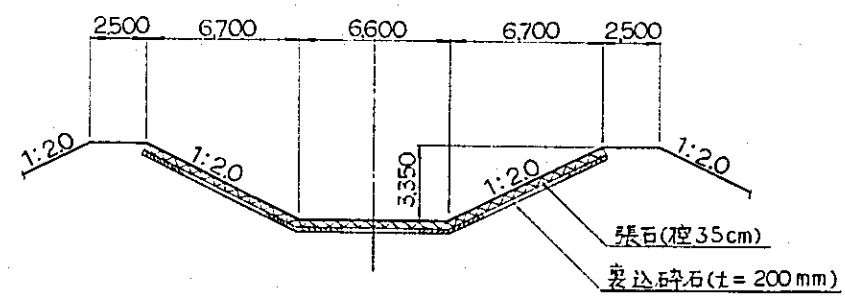
D-D 断面图



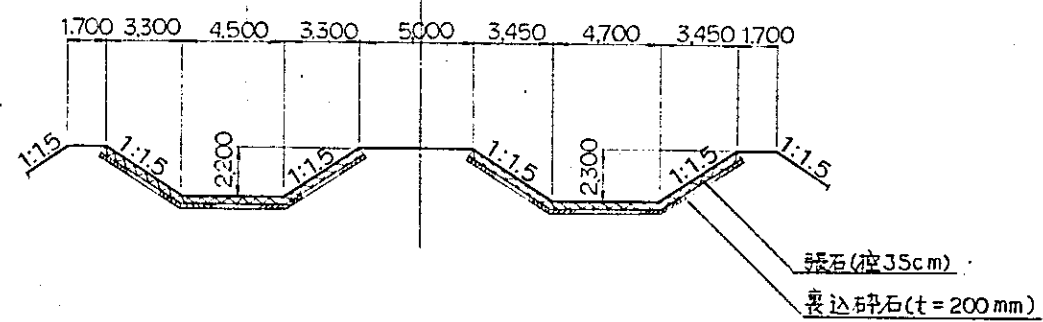
E-E 断面图



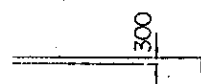
A-A 断面图

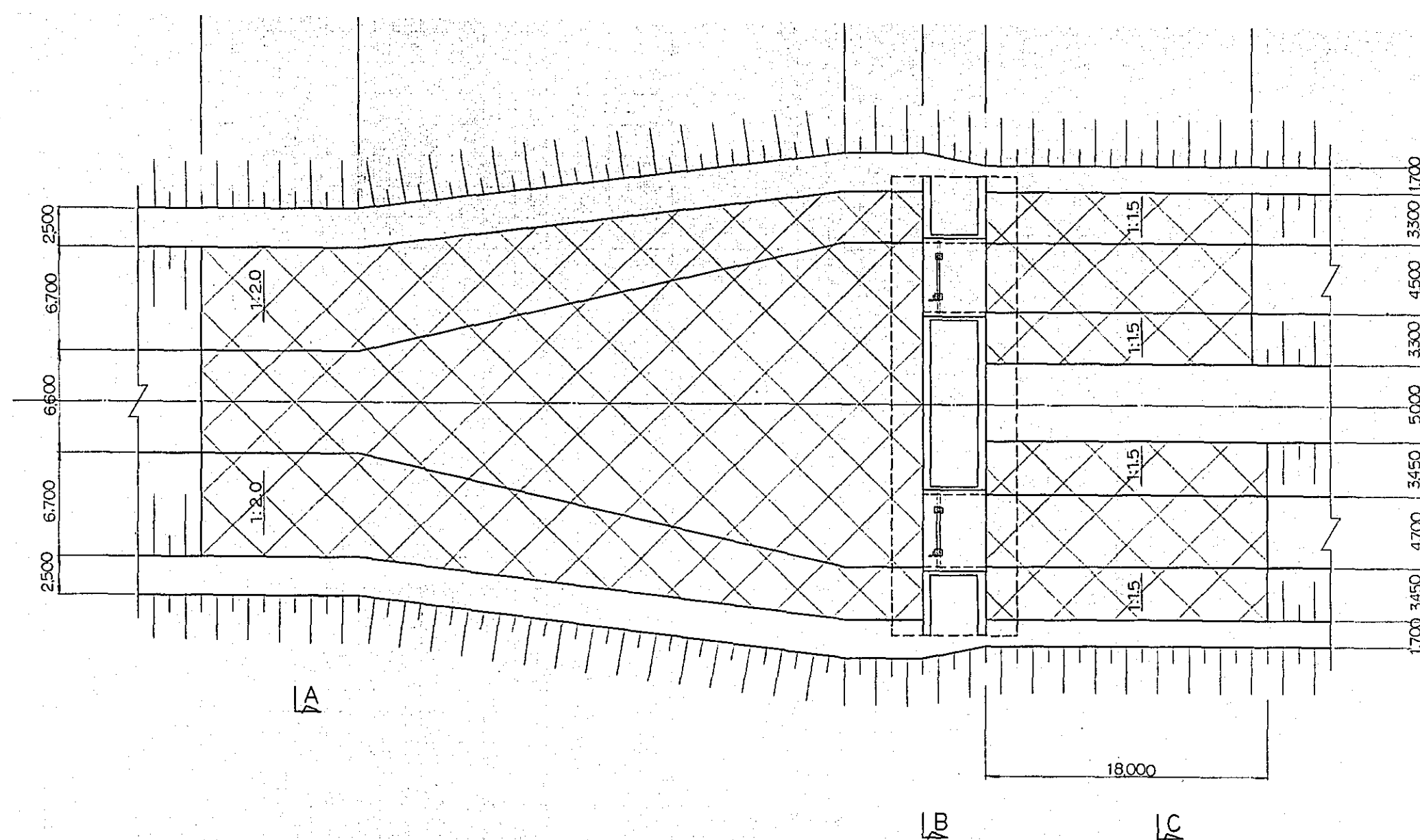


C-C 断面图

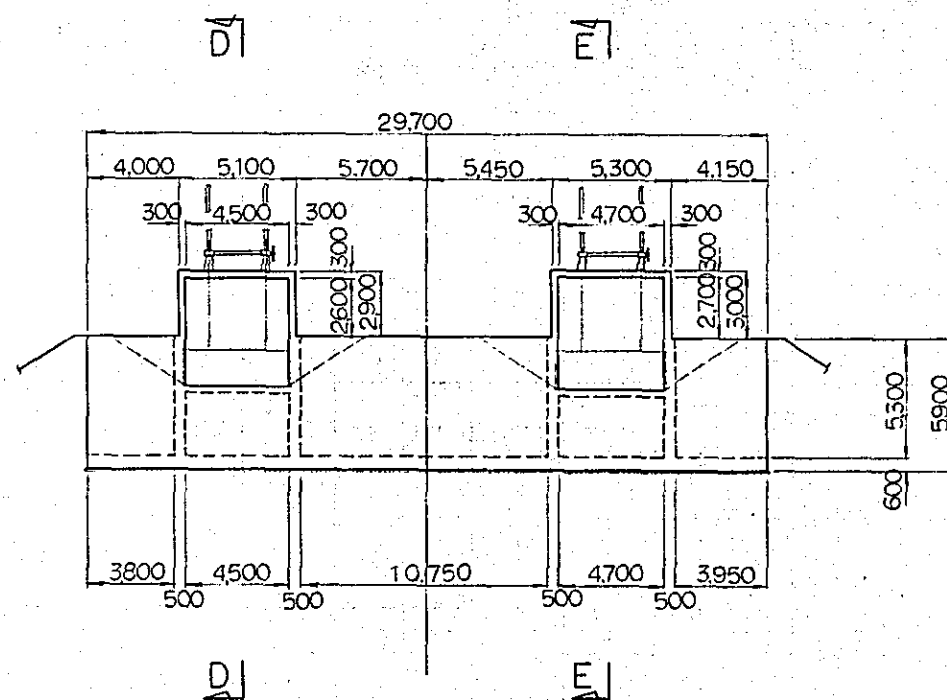


面图

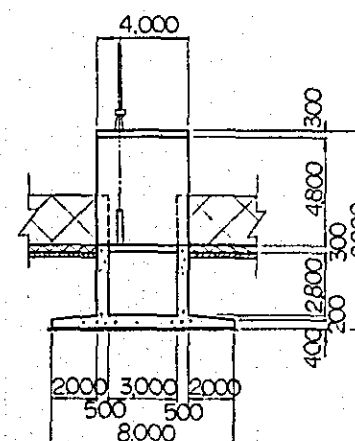




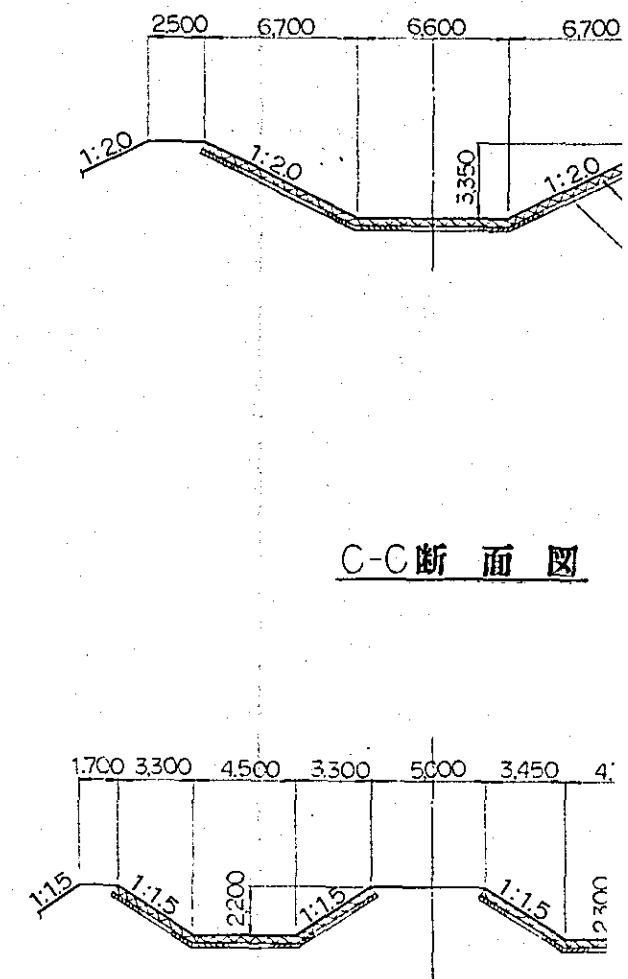
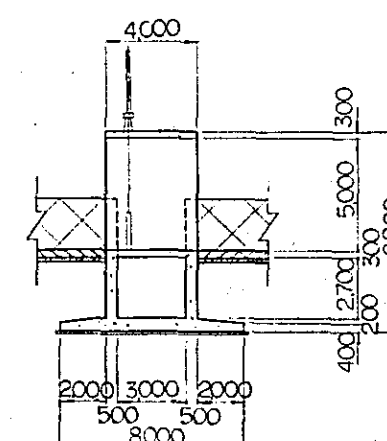
B-B断面图



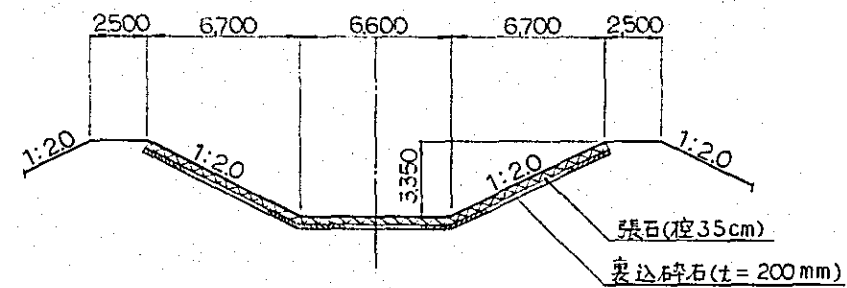
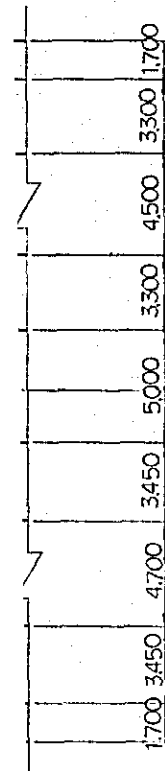
D-D断面图



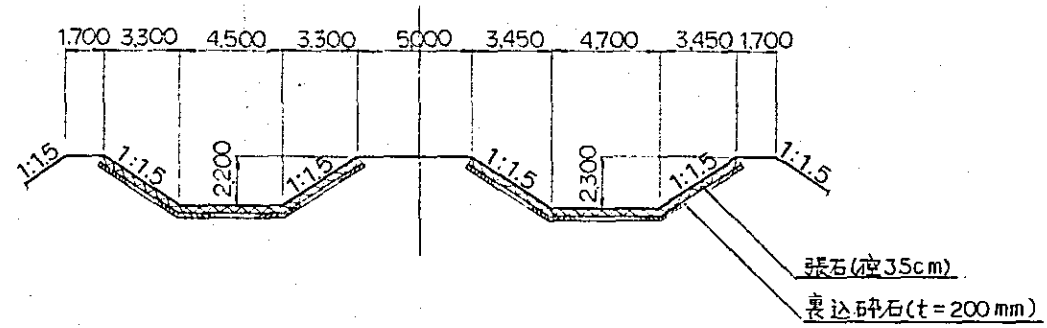
E-E断面图



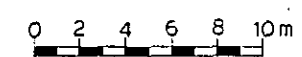
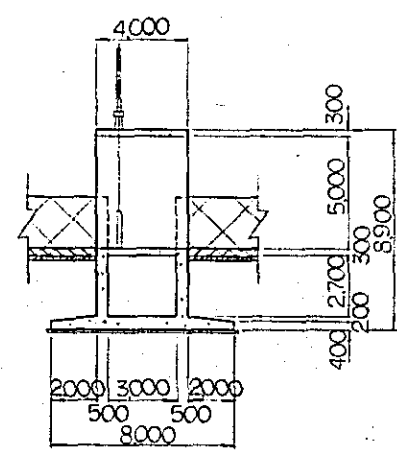
C-C断面图



C-C断面图



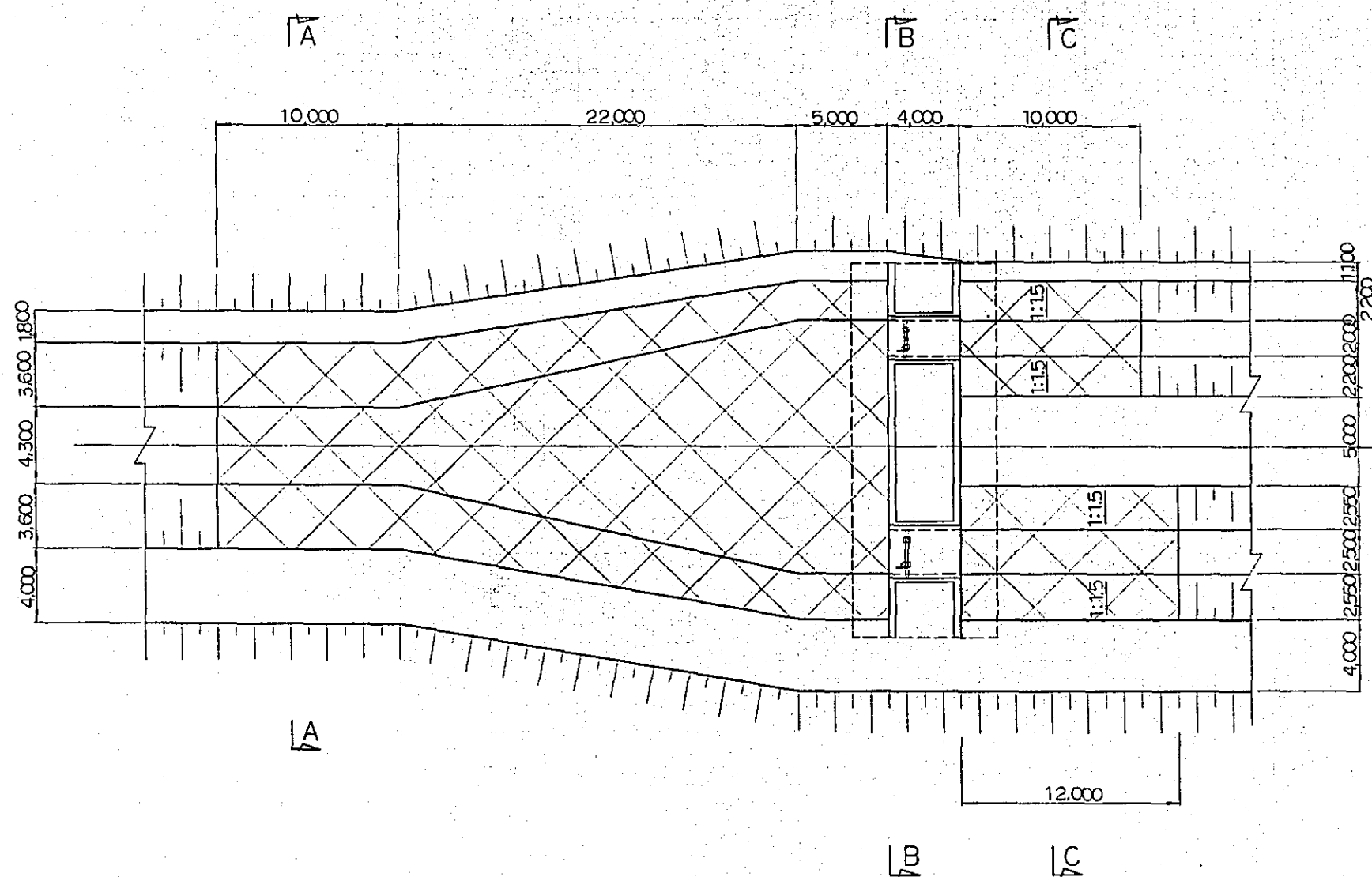
E-E断面图



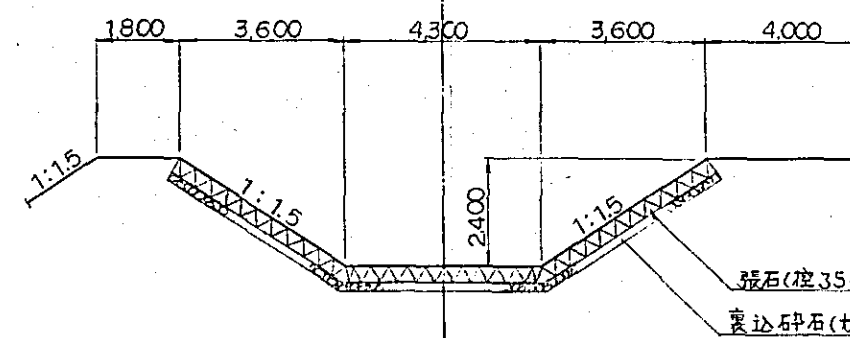
国际协力事业团	
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中国三江平原 竜頭橋典型区農業開発計画	
国际协力事业团	
幹線用水路前連線、前進分線 分水工構造図	
用 - 30	

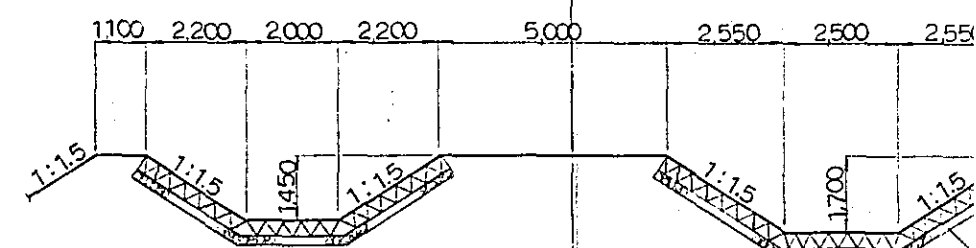
平面图



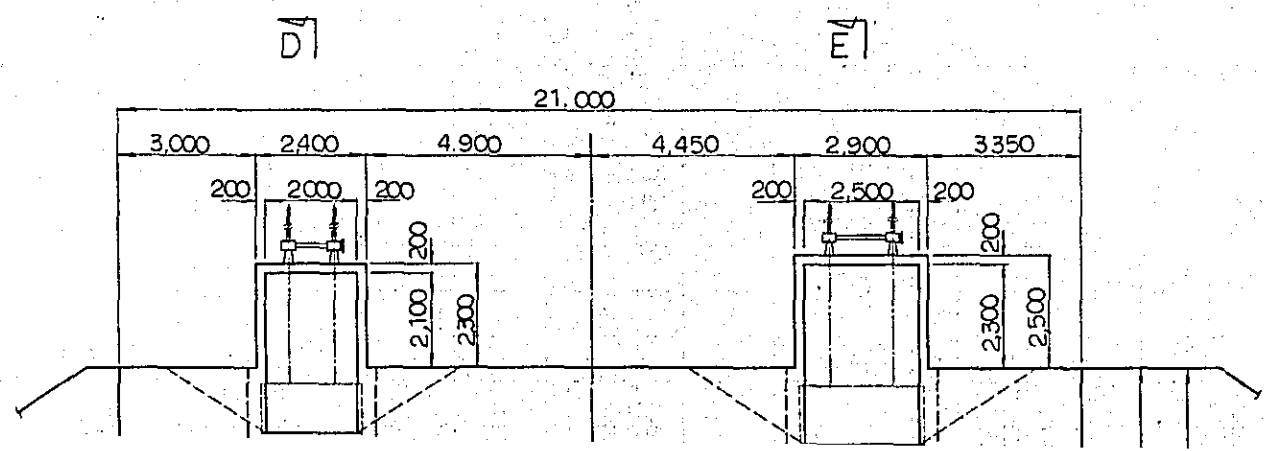
A-A 断面图



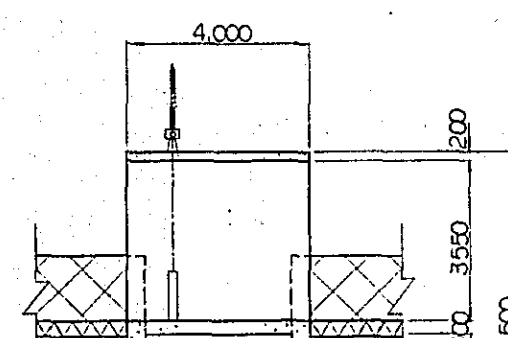
C-C 断面图



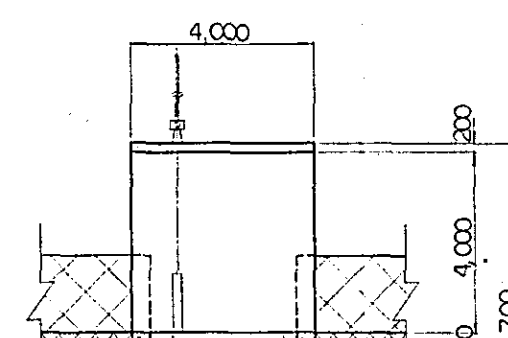
B-B 断面图

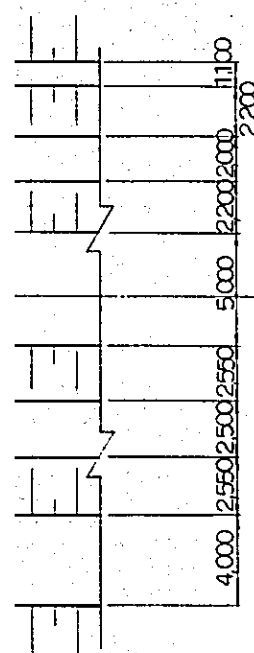


D-D 断面图

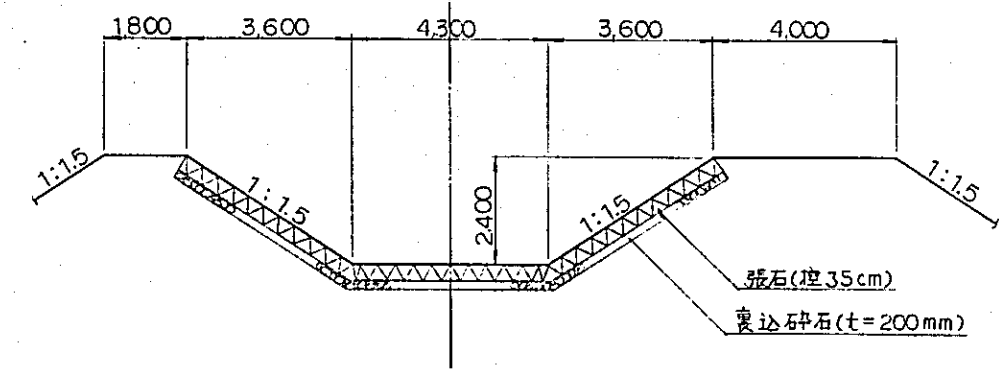


E-E 断面图

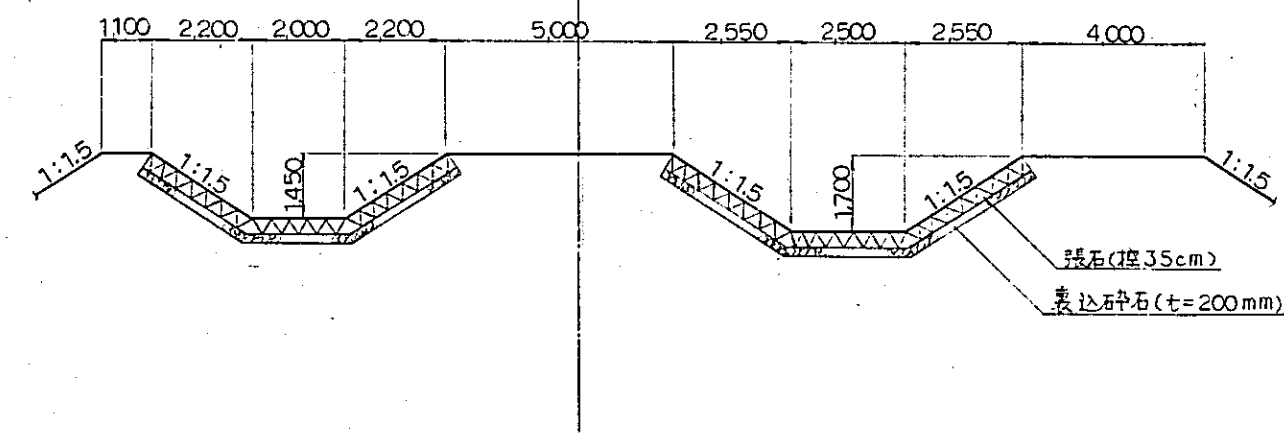




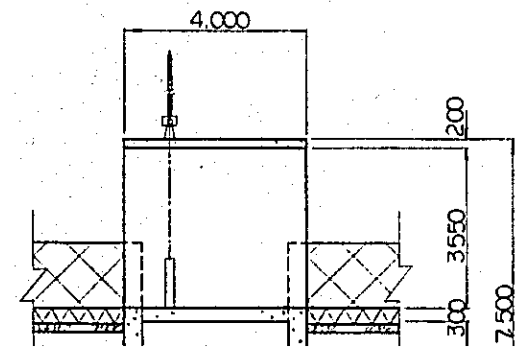
A-A 断面图



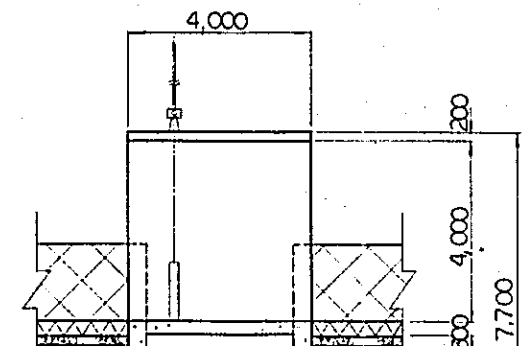
C-C 断面图

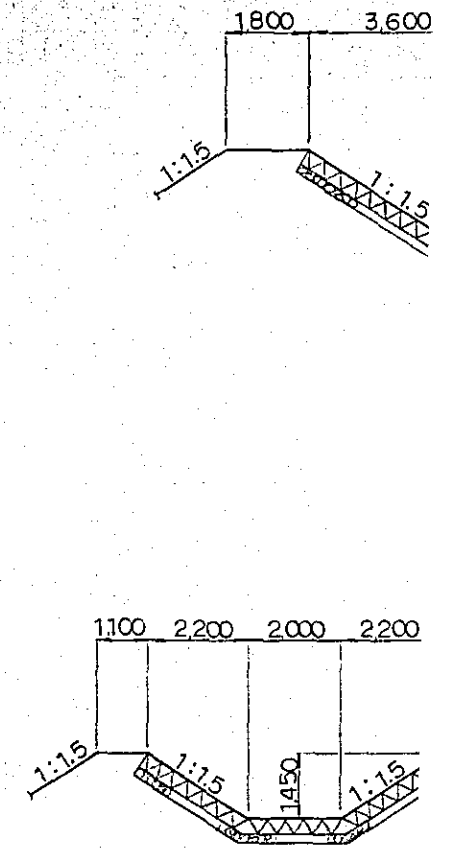
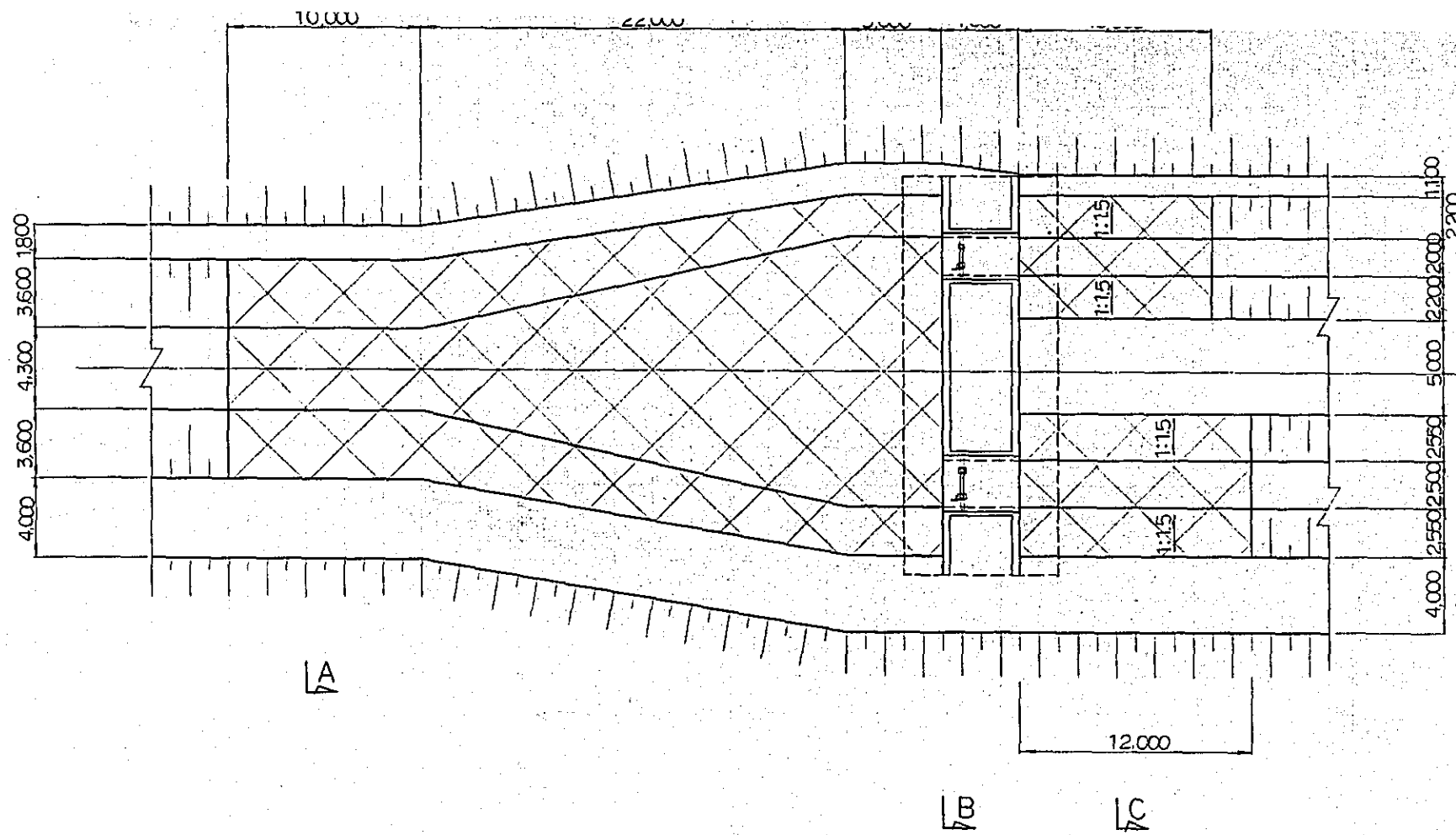


D-D 断面图

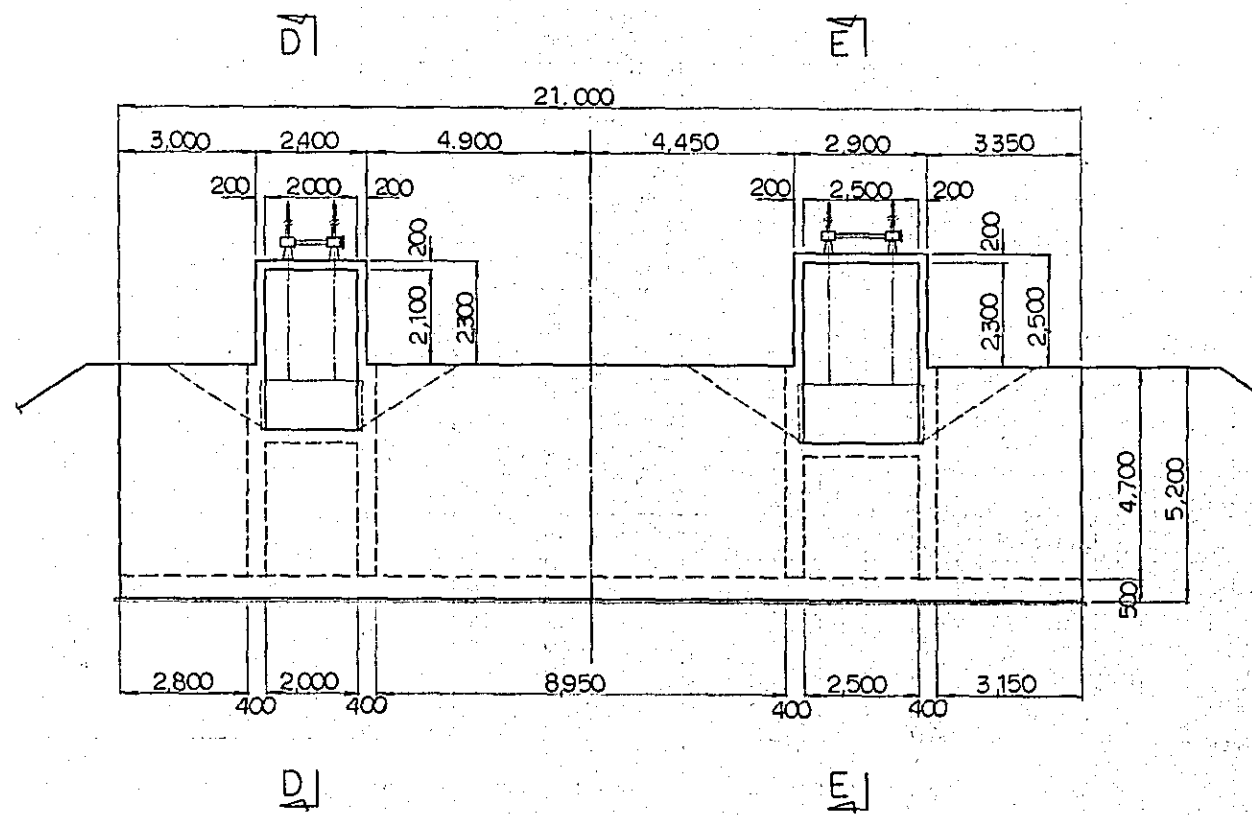


E-E 断面图

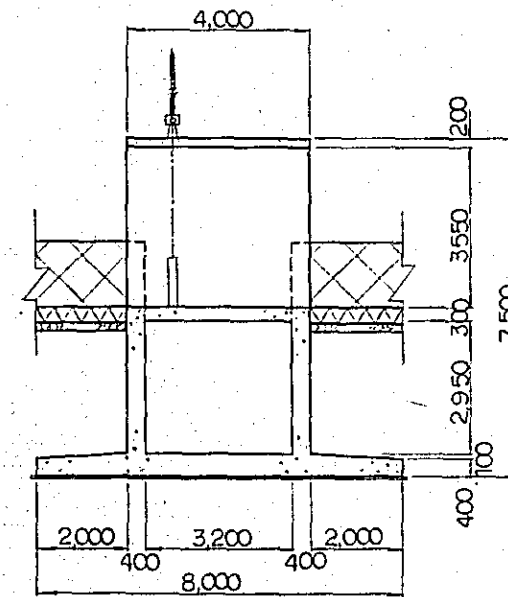




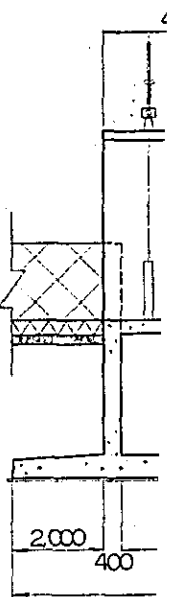
B-B 断面图

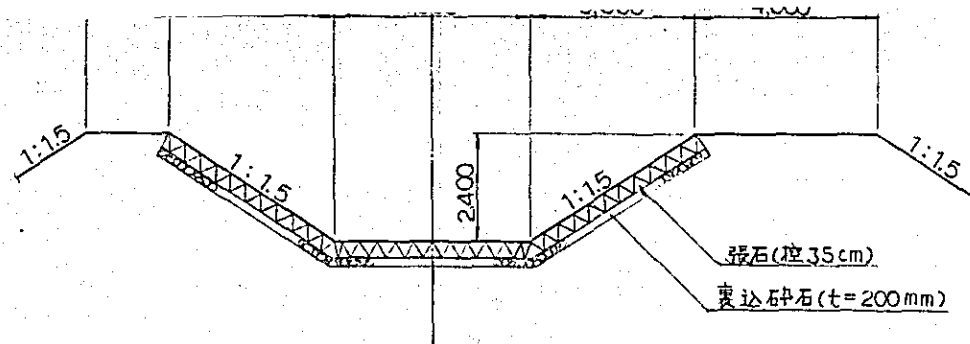


D-D 断面图

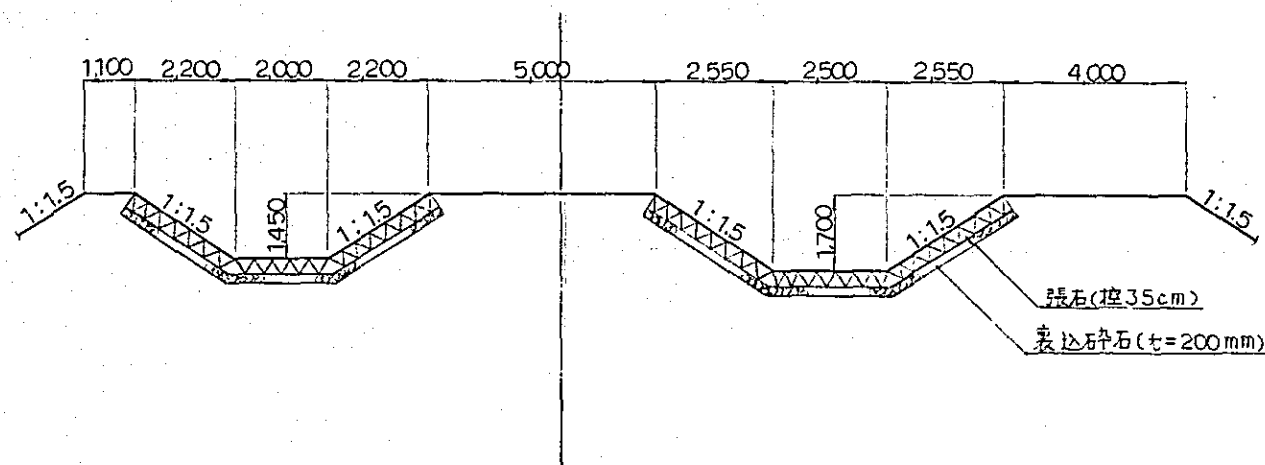


E-E

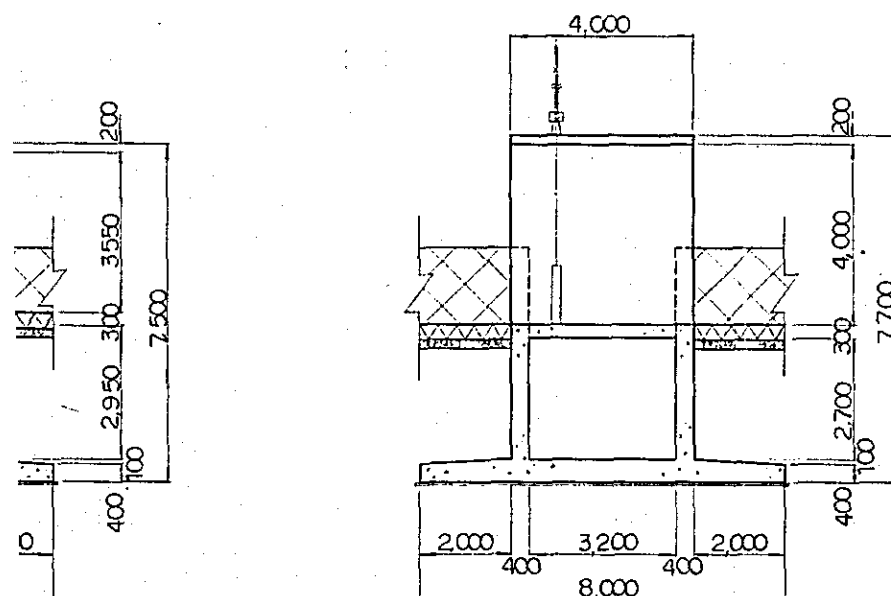




C-C 断面图



E-E 断面图



SCALE A
0 2 4 6 8 10 m

SCALE B
0 1 2 3 4 5 m

中国三江平原
屯河典型区農業開発計画

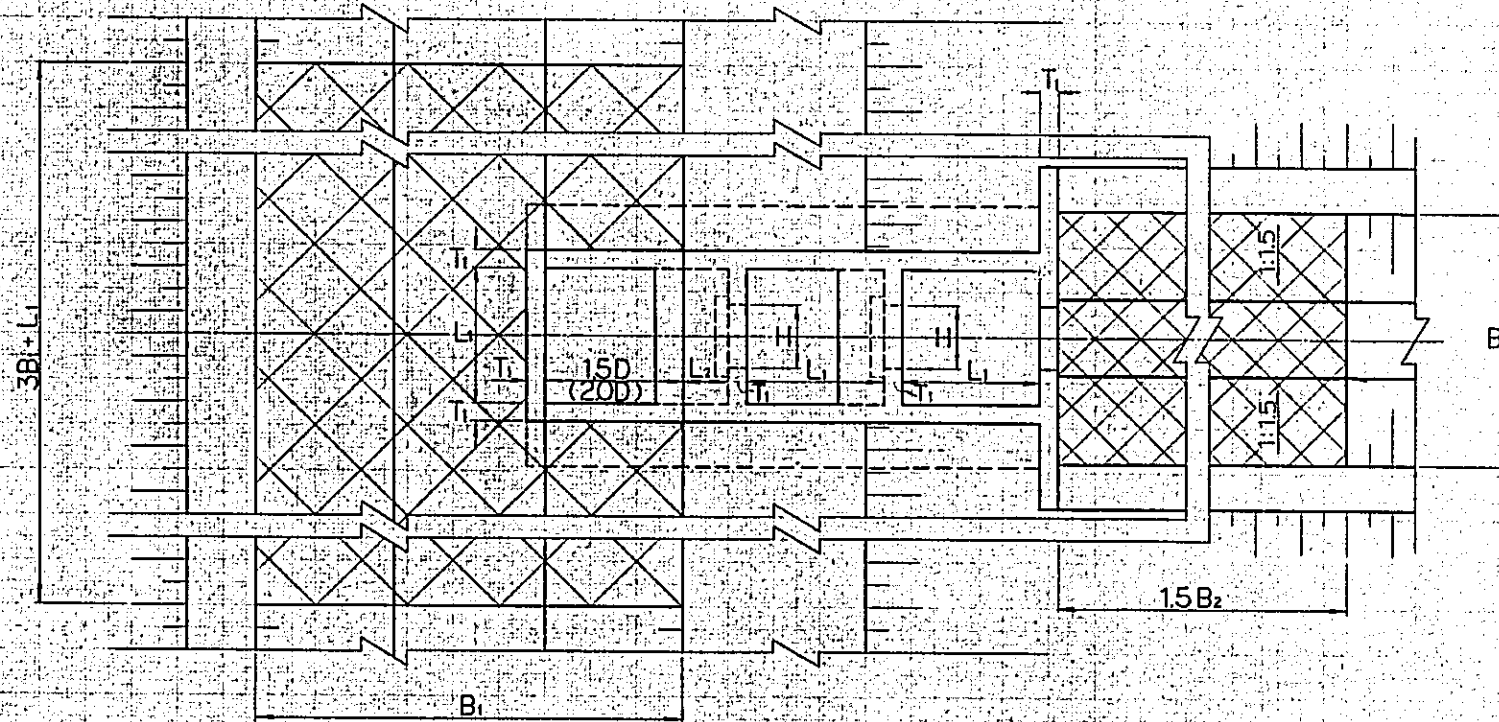
国際協力事業団

幹線用水路方北線、方北分線
分水工構造図

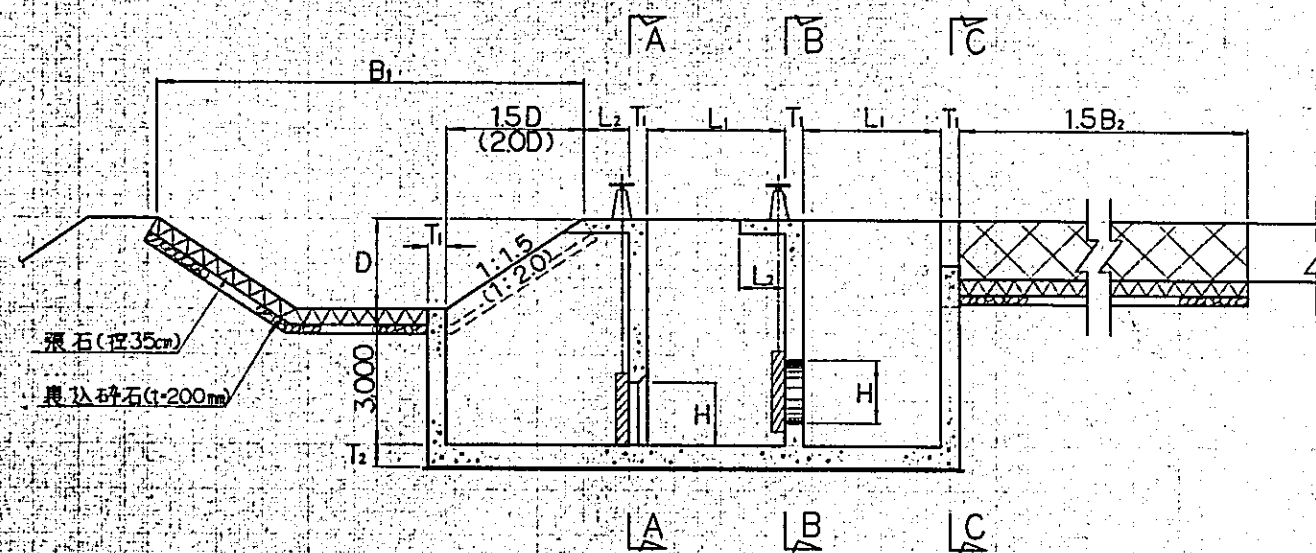
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105
80.7
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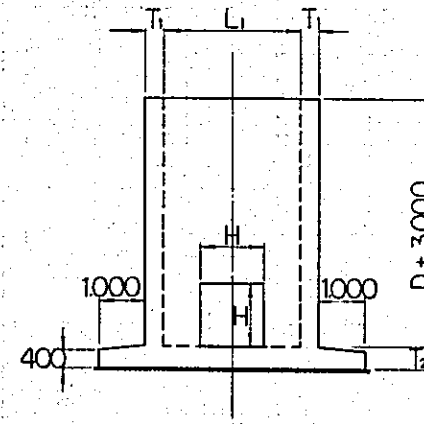
平面图



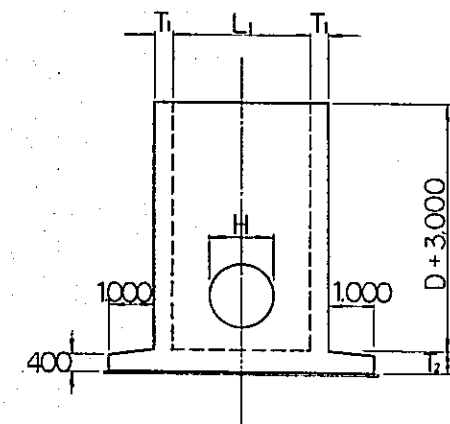
縦断面図



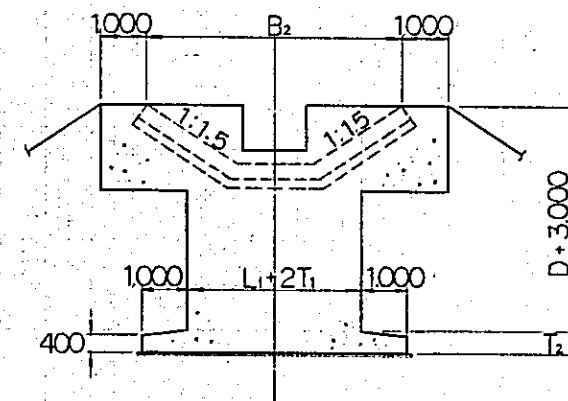
A-A断面図



B-B断面図



C-C断面図



寸法表

断面 タイプ	Q (m³/s)	H (mm)	L1 (mm)	L2 (mm)	T1 (mm)	T2 (mm)
A	~ 0.1	500	1200	1000	300	400
B	0.1 ~ 0.4	750	1800	1000	350	450
C	0.4 ~ 0.7	1000	2200	1500	400	500
D	0.7 ~ 1.0	1200	3000	1500	500	600

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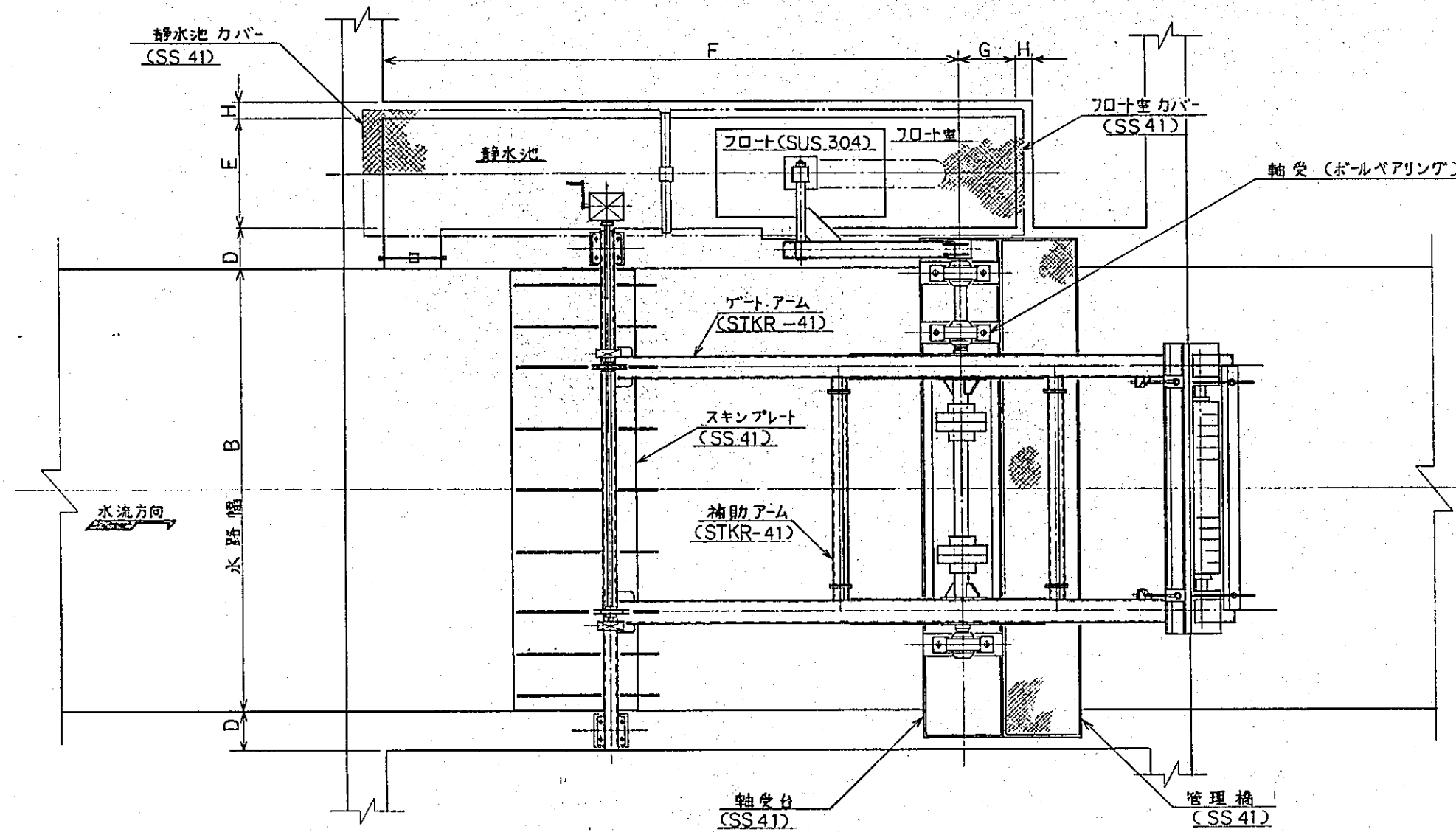
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竜江橋典型区農業開発計画

国際協力事業団

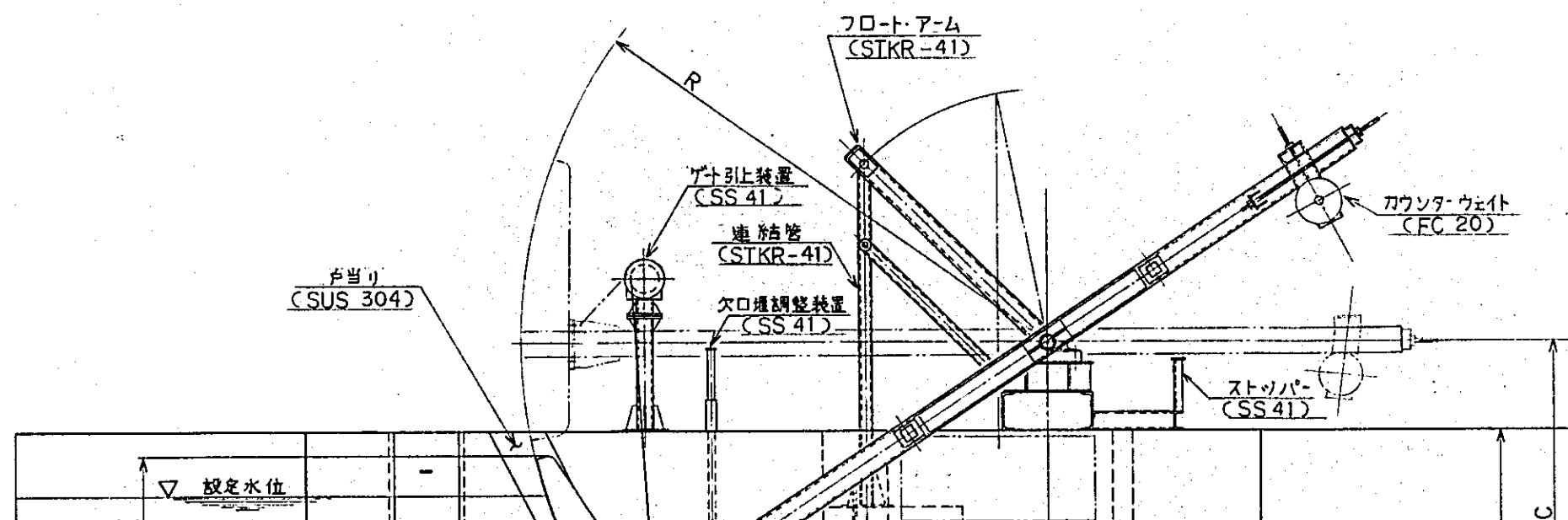
幹線用水路支線分水工構造図

用 - 32

平面図

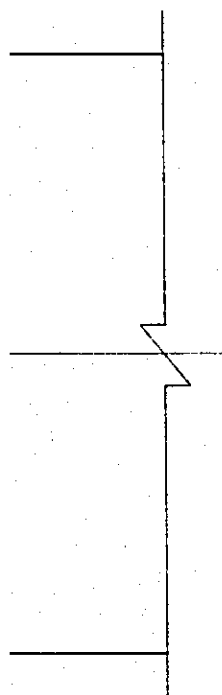


縦断図

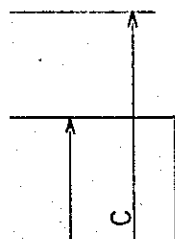


呼び寸法	A
2.0×1.0	100
3.0×1.5	150
4.0×2.0	200
5.0×2.5	250
7.0×3.0	300

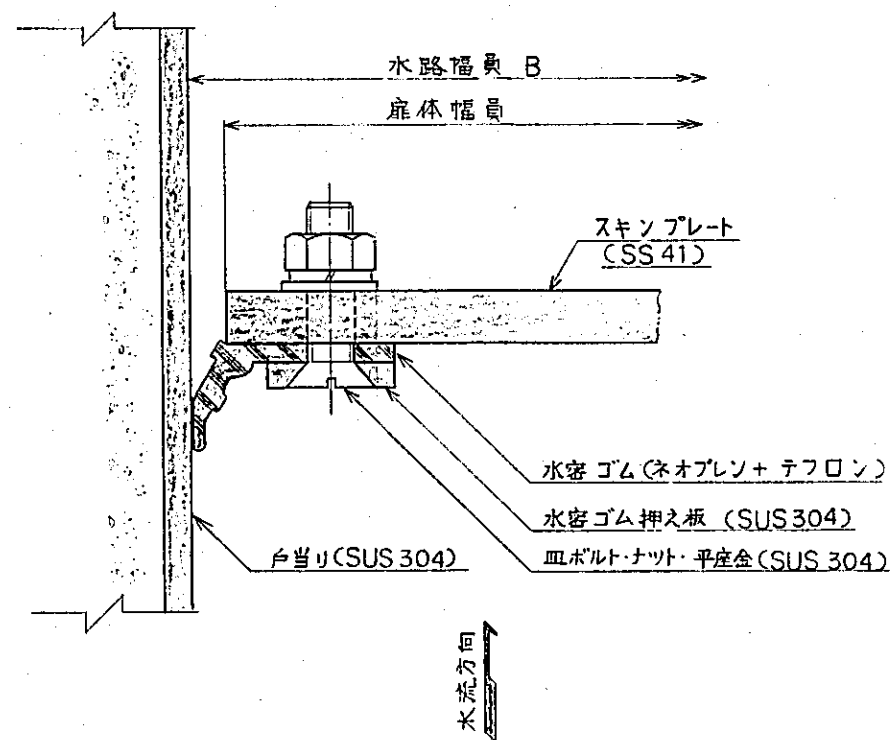
(ボールベアリング)



ウェイト
20)

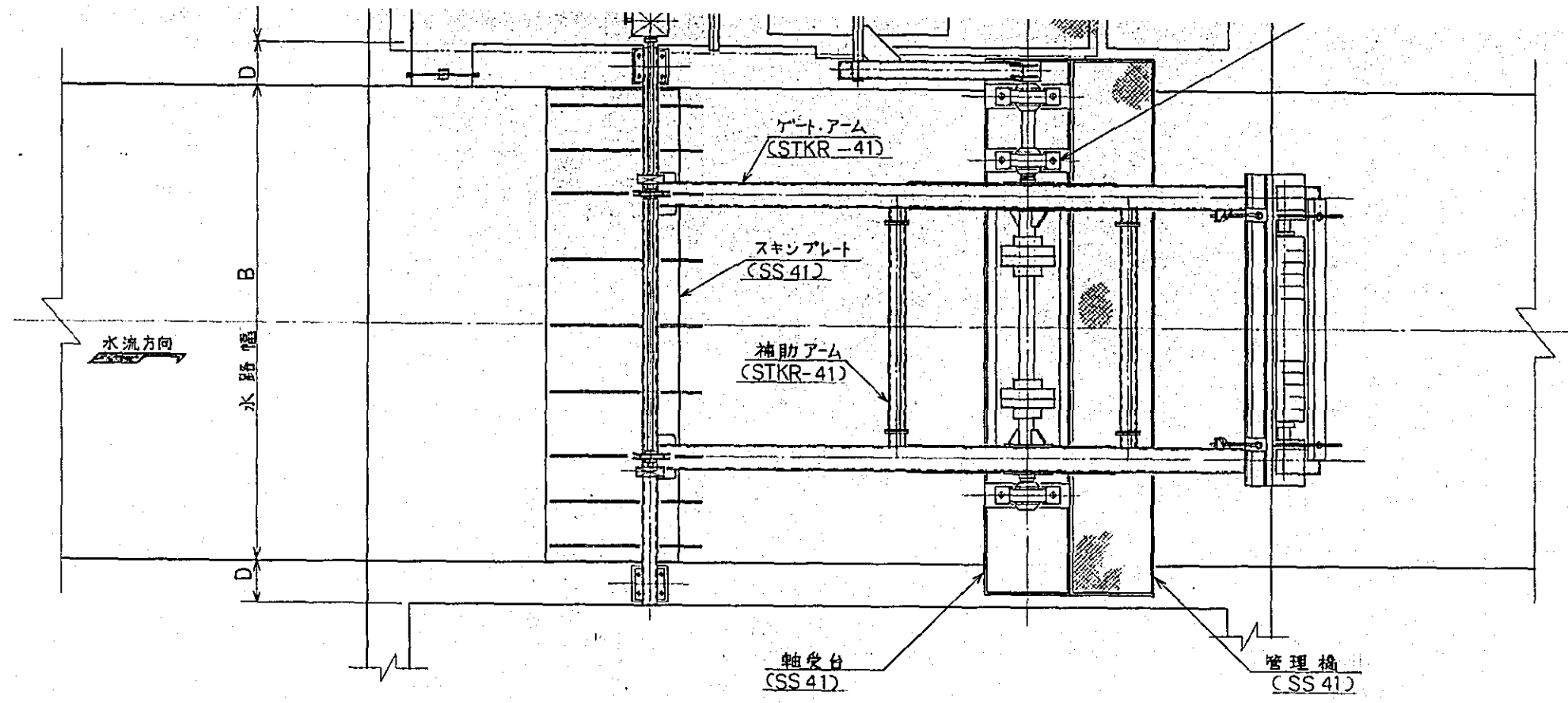


側部水密詳細図

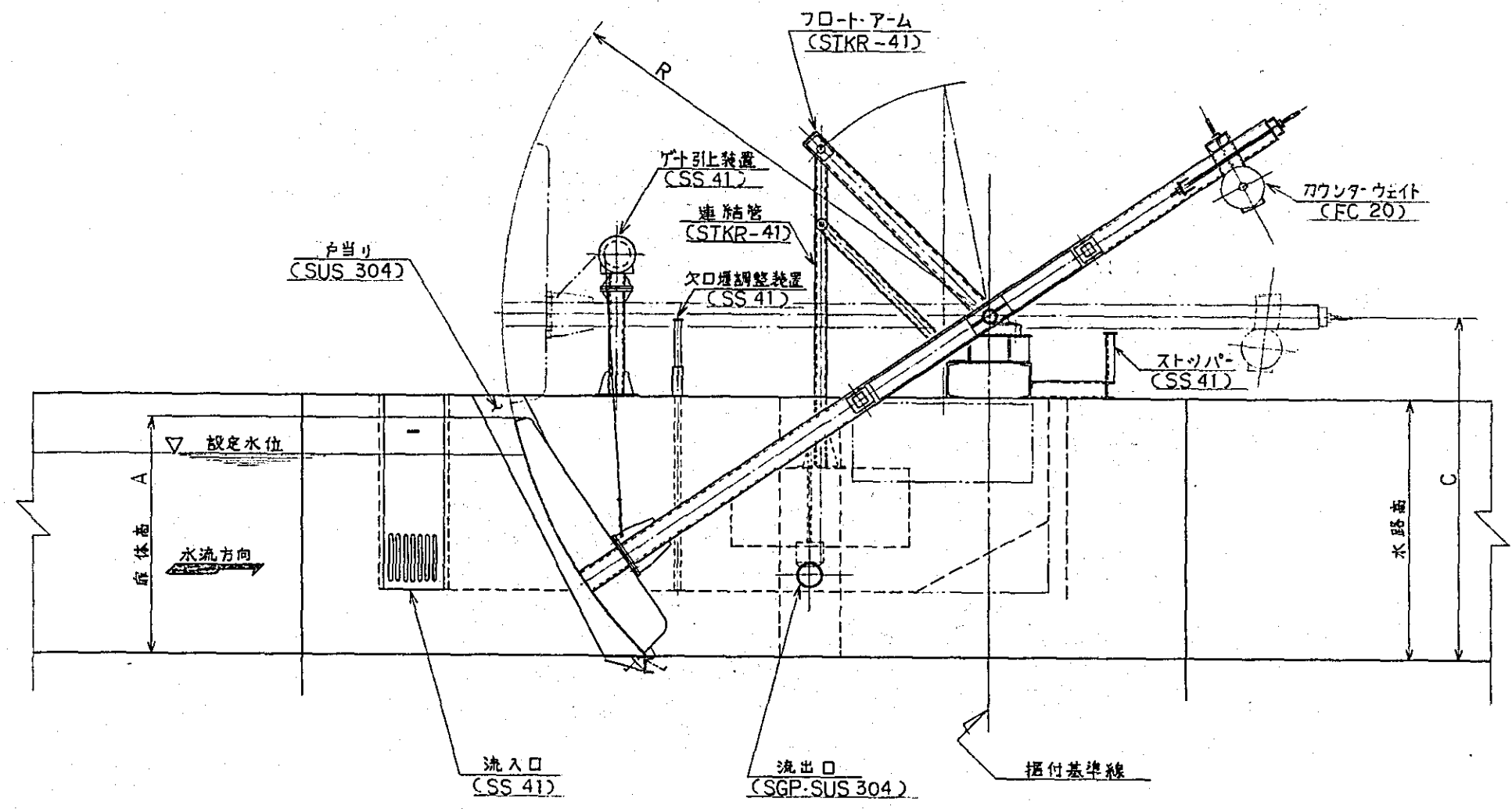


寸法表

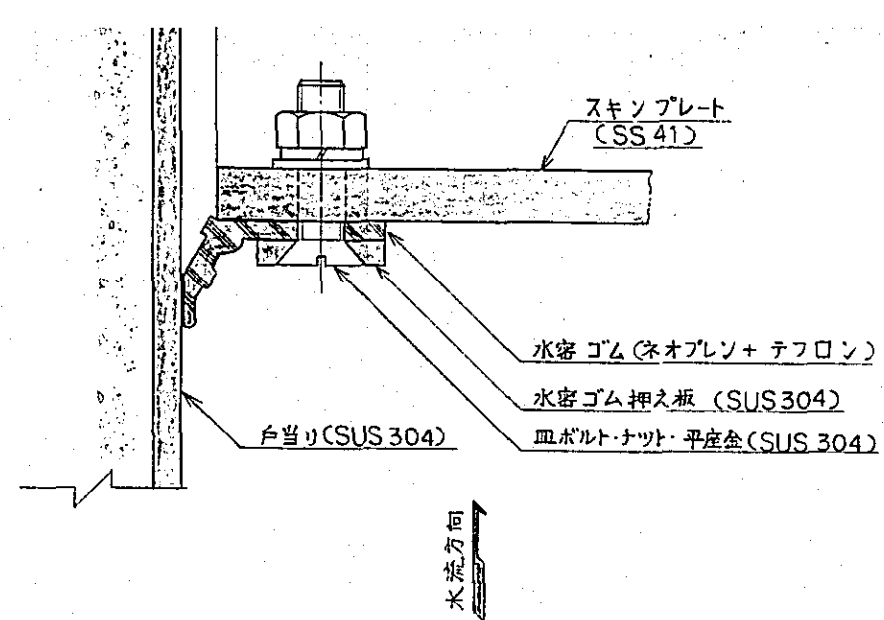
呼び寸法	A	B	C	D	E	F	G	H	R
2.0×1.0	1000	2000	2000	400	750	3700	300	250	2800
3.0×1.5	1500	3000	2400	400	900	4300	350	250	3400
4.0×2.0	2000	4000	2900	450	1000	5100	500	300	4100
5.0×2.5	2500	5000	3700	500	1200	6200	600	350	5200
7.0×3.0	3000	7000	4400	600	1400	7500	700	450	6200



縦断図



呼び寸
2.0×1.
3.0×1.
4.0×2.
5.0×2.
7.0×3.



寸法表

呼び寸法	A	B	C	D	E	F	G	H	R
2.0×1.0	1000	2000	2000	400	750	3700	300	250	2800
3.0×1.5	1500	3000	2400	400	900	4300	350	250	3400
4.0×2.0	2000	4000	2900	450	1000	5100	500	300	4100
5.0×2.5	2500	5000	3700	500	1200	6200	600	350	5200
7.0×3.0	3000	7000	4400	600	1400	7500	700	450	6200

国際協力事業団
 受入月日 '84.5.30
 登録No. 10354

105
 80.7
 AFT

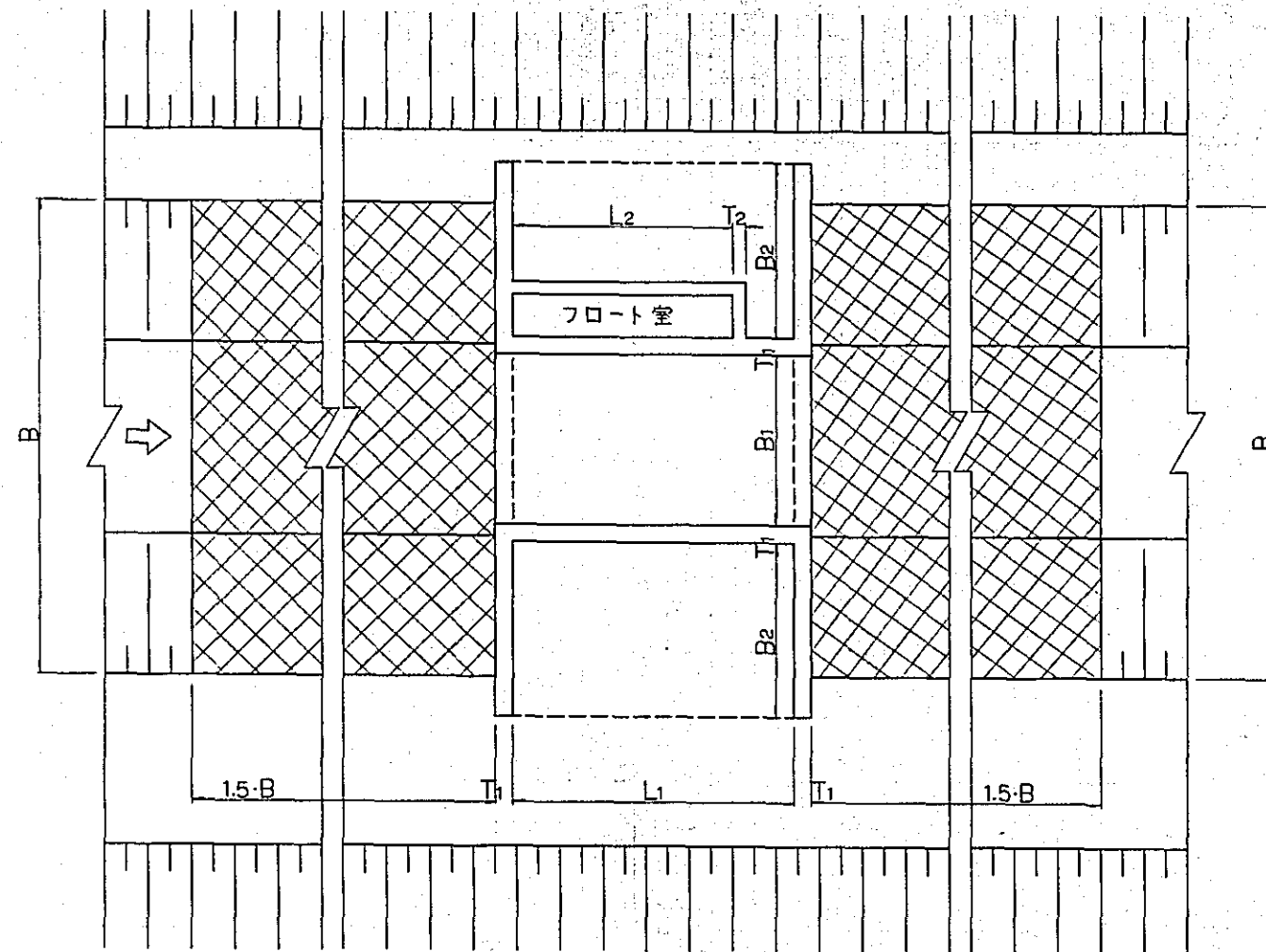
中国三江平原
 竜頭橋典型区農業開発計画

国際協力事業団

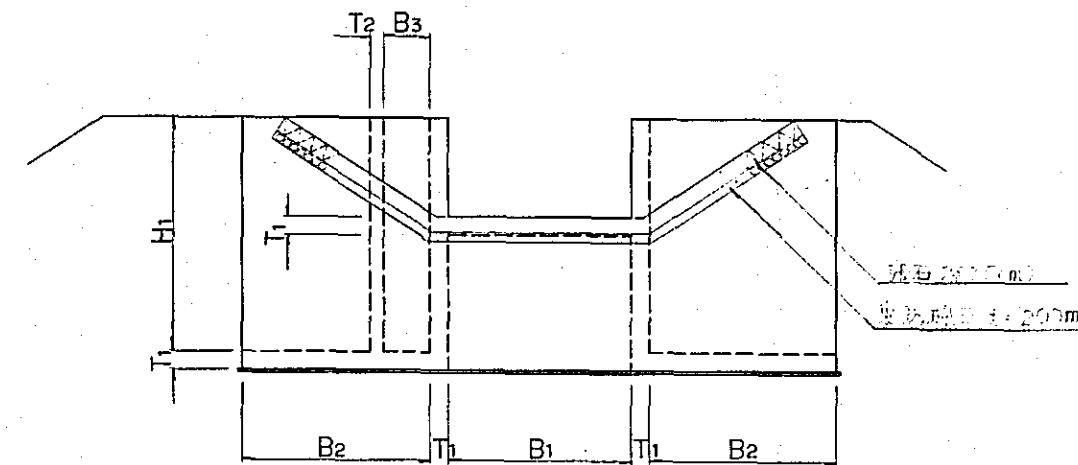
幹線用水路自動水位調整
 ゲート橋道図

用 - 33

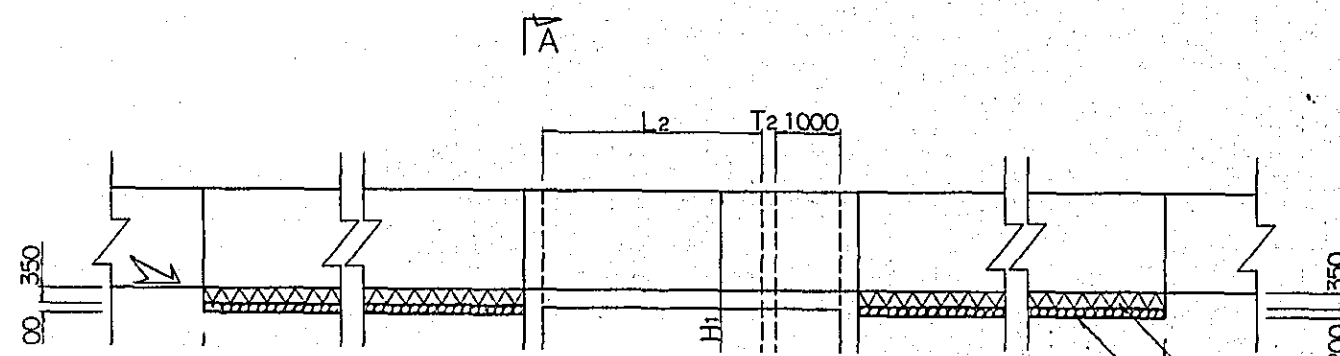
平面図



A-A断面図



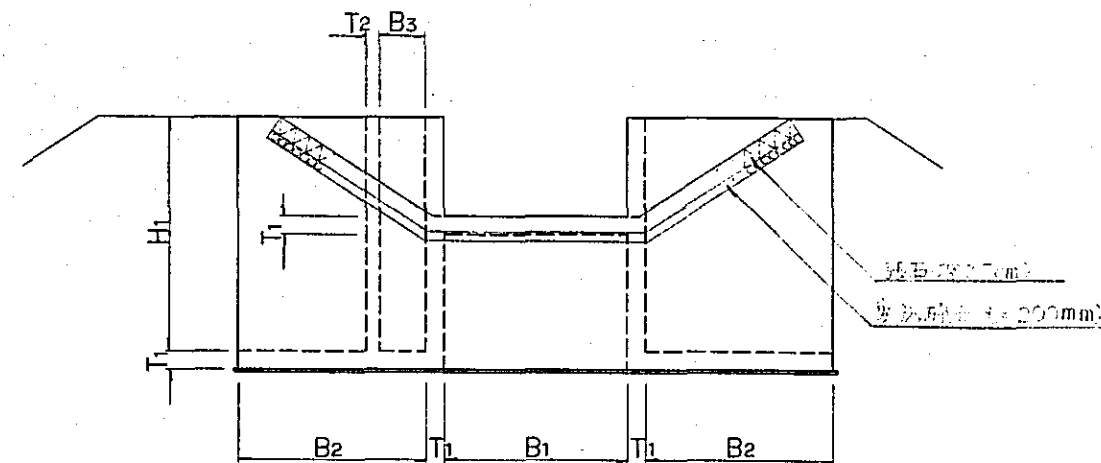
縦断図



寸法表

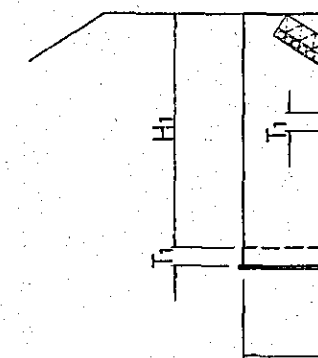
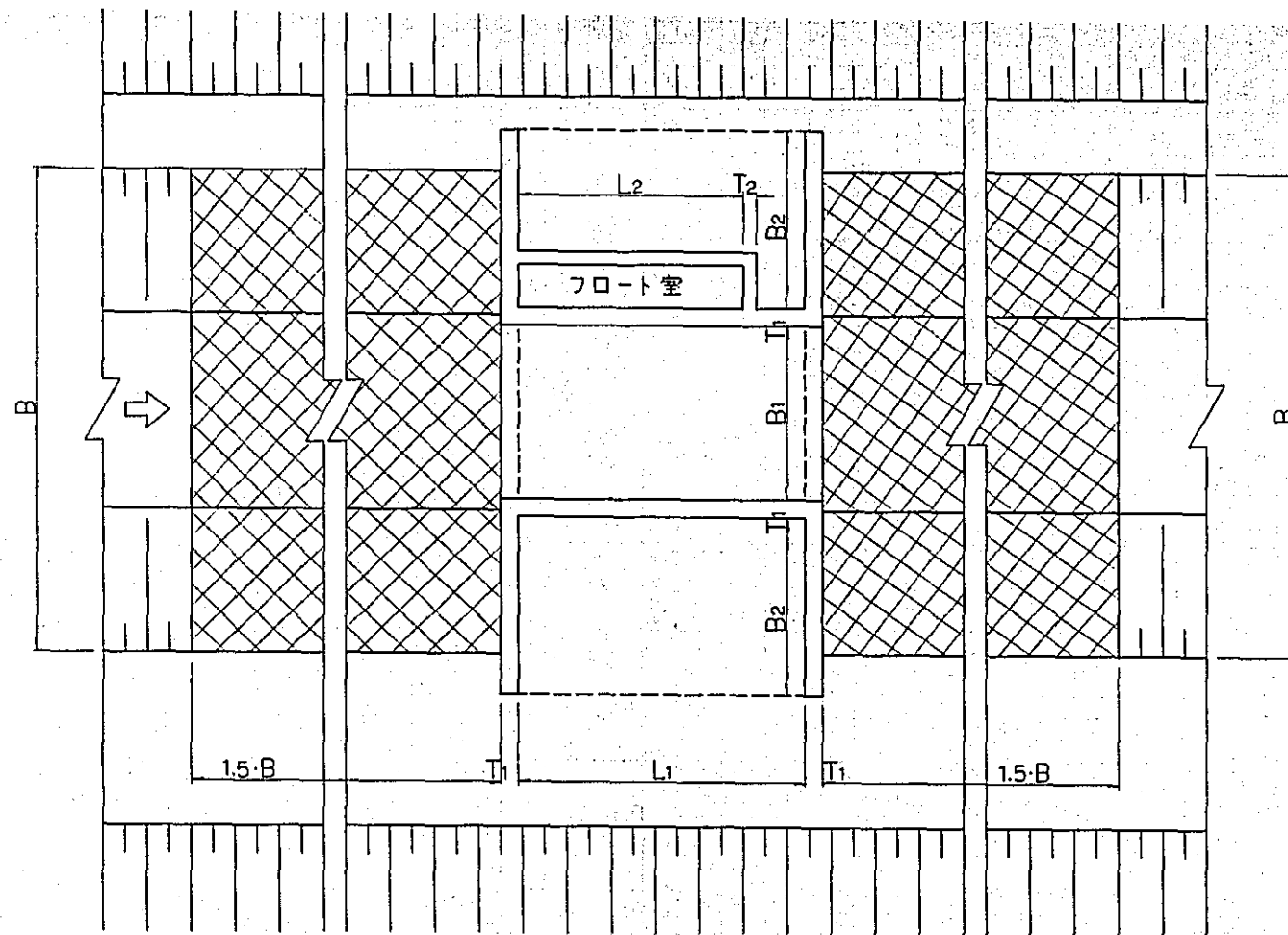
タイプ	呼び寸法 (m) (cm)	B ₁	B ₂	B ₃	T ₁	T ₂	L ₁	L ₂	H ₁	備 考
A	2.0×1.0	2000	3300	750	400	250	5250	4000	4700	
B	3.0×1.5	3000	3300	900	400	250	5900	4650	5000	
C	4.0×2.0	4000	4400	1000	450	300	6900	5600	5300	
D	5.0×2.5	5000	5500	1200	500	350	8150	6800	5800	
E	7.0×3.0	7000	6800	1400	600	450	9650	8200	6500	

A-A 断面図

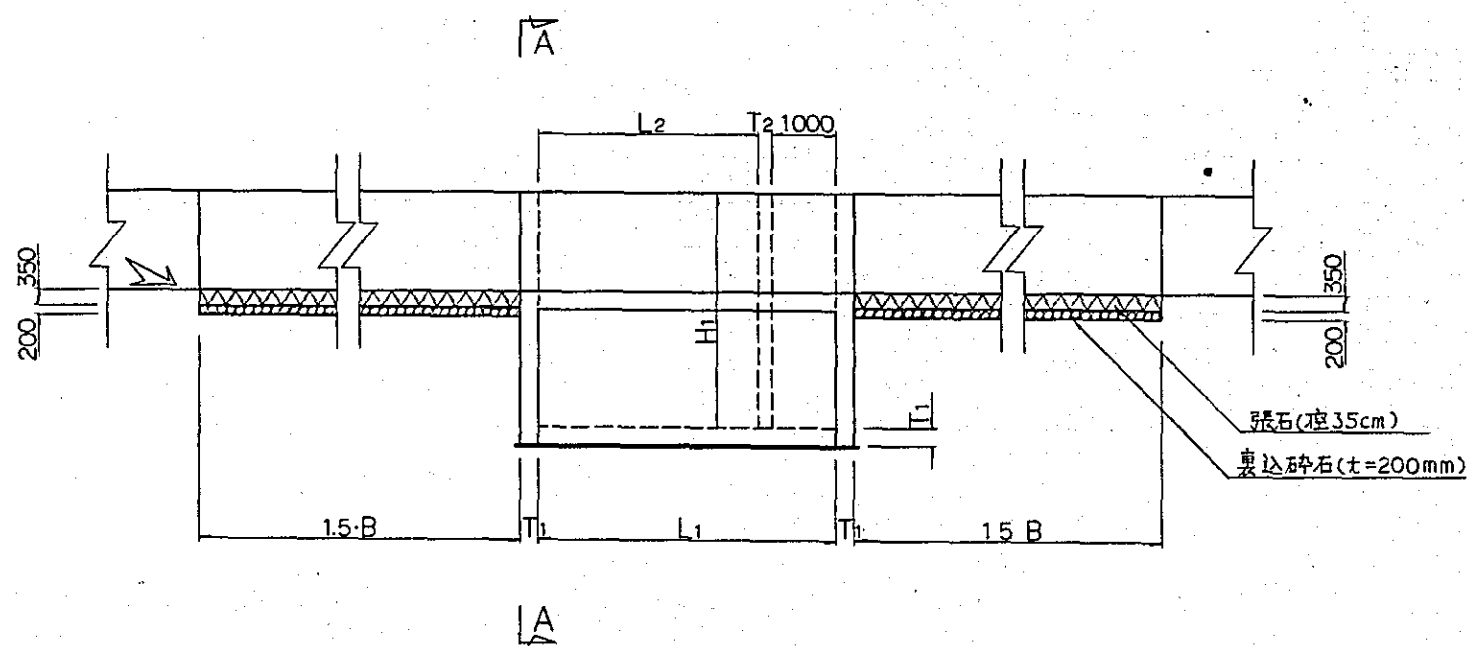


寸法表

タイプ	呼び寸法 (mm) (mm)	B1	B2	B3	T1	T2	L1	L2	H1	備 考
A	2.0×1.0	2000	3300	750	400	250	5250	4000	4700	
B	3.0×1.5	3000	3300	900	400	250	5900	4650	5000	
C	4.0×2.0	4000	4400	1000	450	300	6900	5600	5300	
D	5.0×2.5	5000	5500	1200	500	350	8150	6800	5800	
E	7.0×3.0	7000	6800	1400	600	450	9650	8200	6500	

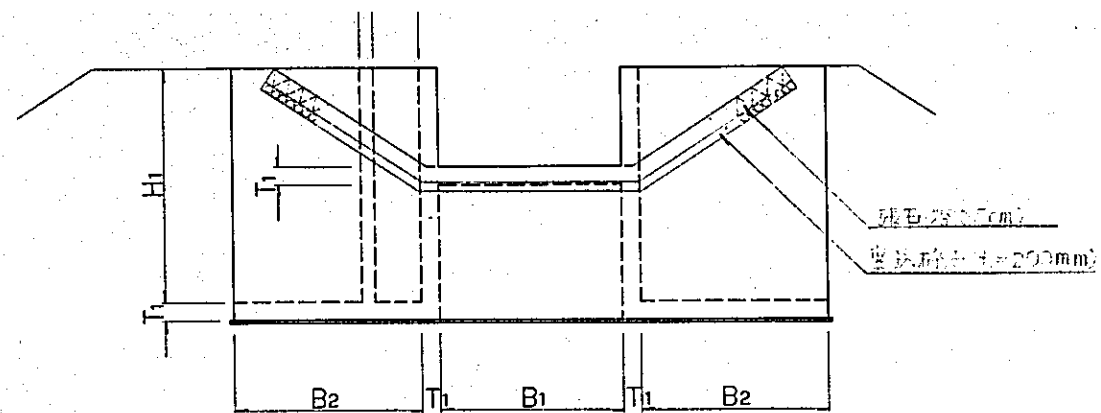


縦断図



寸法表

タイプ	呼び寸法	E
	(m) (m)	
A	2.0×1.0	2.1
B	3.0×1.5	3.1
C	4.0×2.0	4.1
D	5.0×2.5	5.1
E	7.0×3.0	7.1



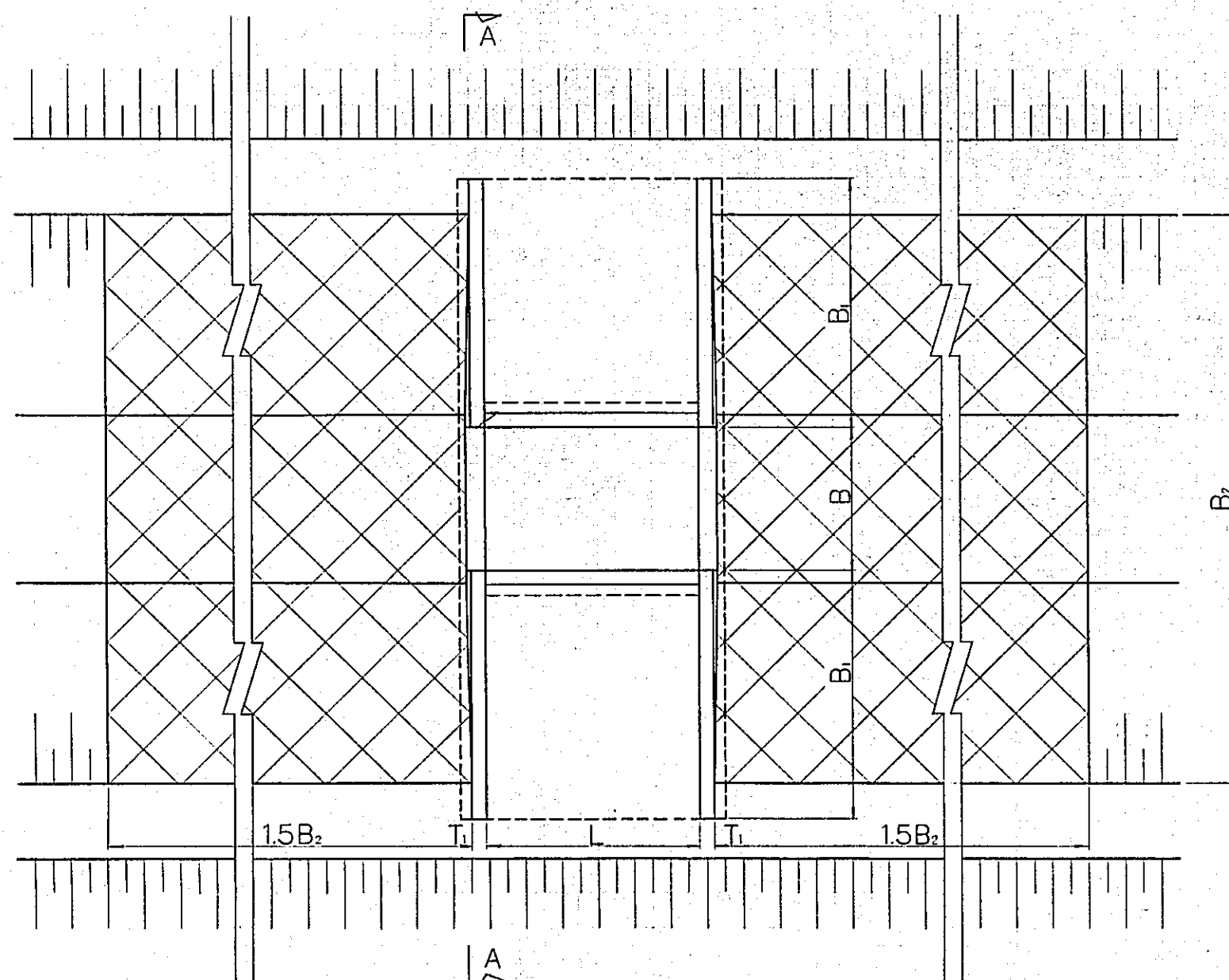
寸法表

タイプ	呼び寸法 (m) (m)	B ₁	B ₂	B ₃	T ₁	T ₂	L ₁	L ₂	H ₁	備 考
A	2.0×1.0	2000	3300	750	400	250	5250	4000	4700	
B	3.0×1.5	3000	3300	900	400	250	5900	4650	5000	
C	4.0×2.0	4000	4400	1000	450	300	6900	5600	5300	
D	5.0×2.5	5000	5500	1200	500	350	8150	6800	5800	
E	7.0×3.0	7000	6800	1400	600	450	9650	8200	6500	

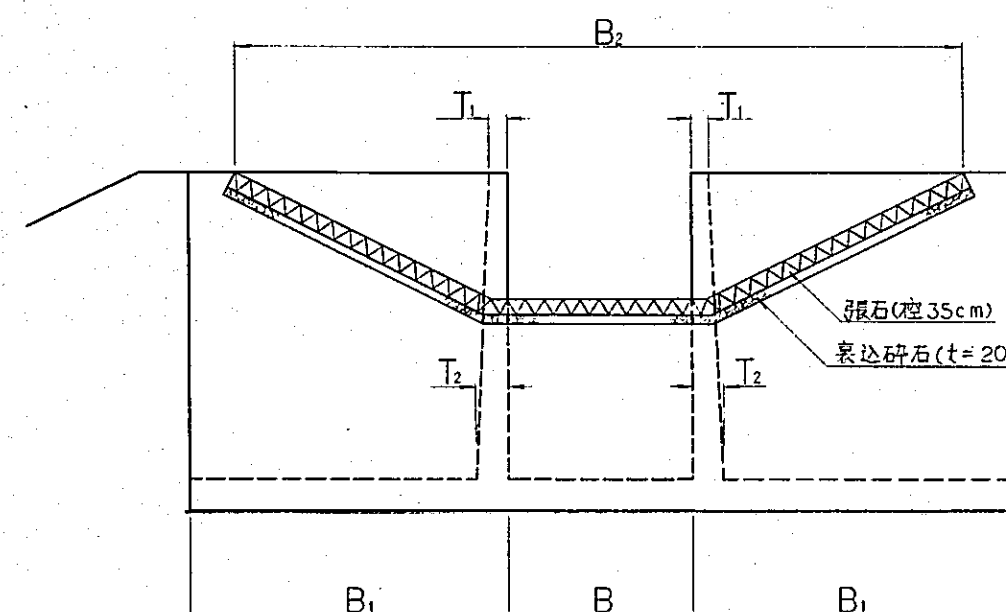
国際協力事業団	
受入 月日	'84.5.30 105
登録No. 10354	80.7 AET

中国三江平原 竜頭橋典型区農業開発計画	
国際協力事業団	
幹線用水路自動水位調整工 構造図	
用 - 34	

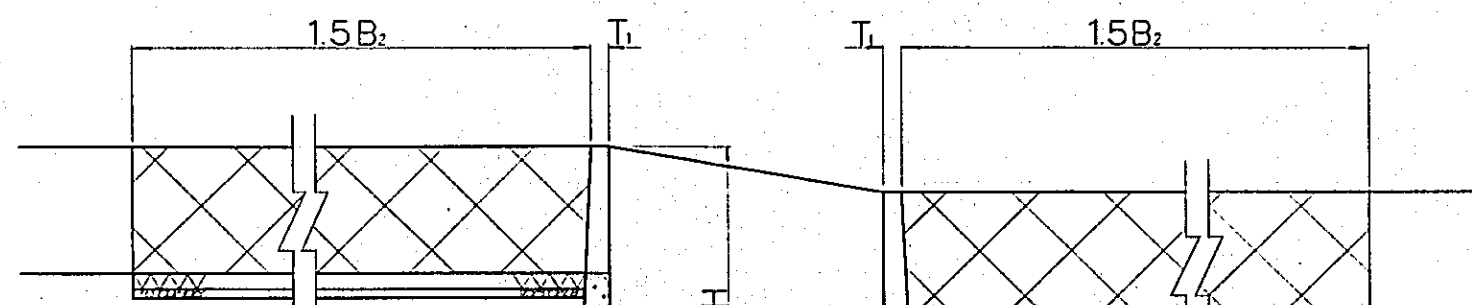
平面図



A-A断面図



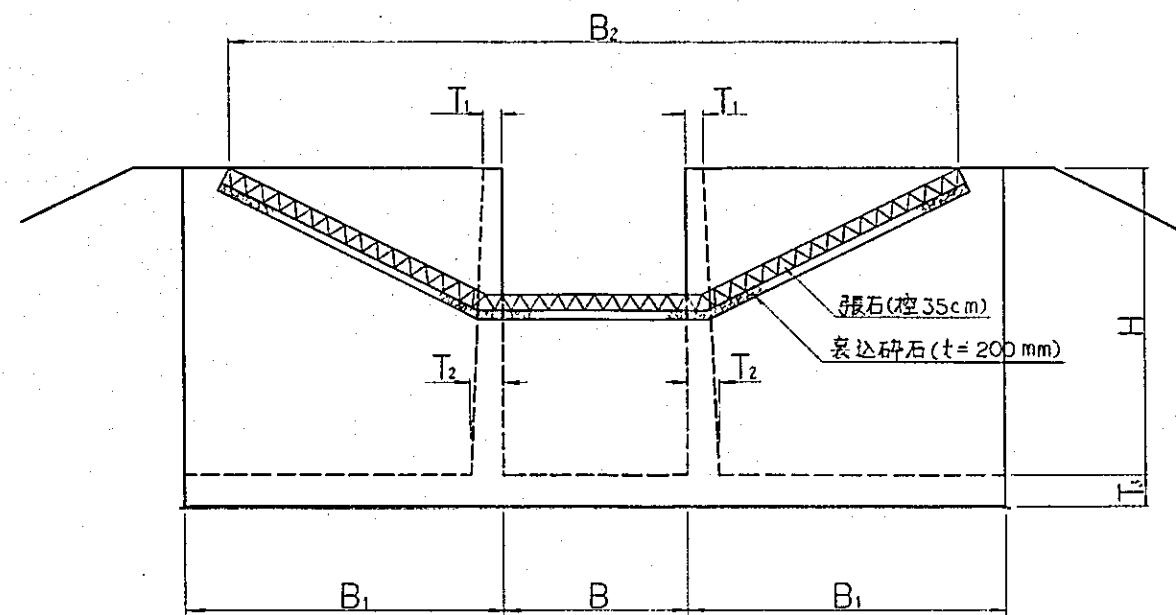
縦断面図



寸法表

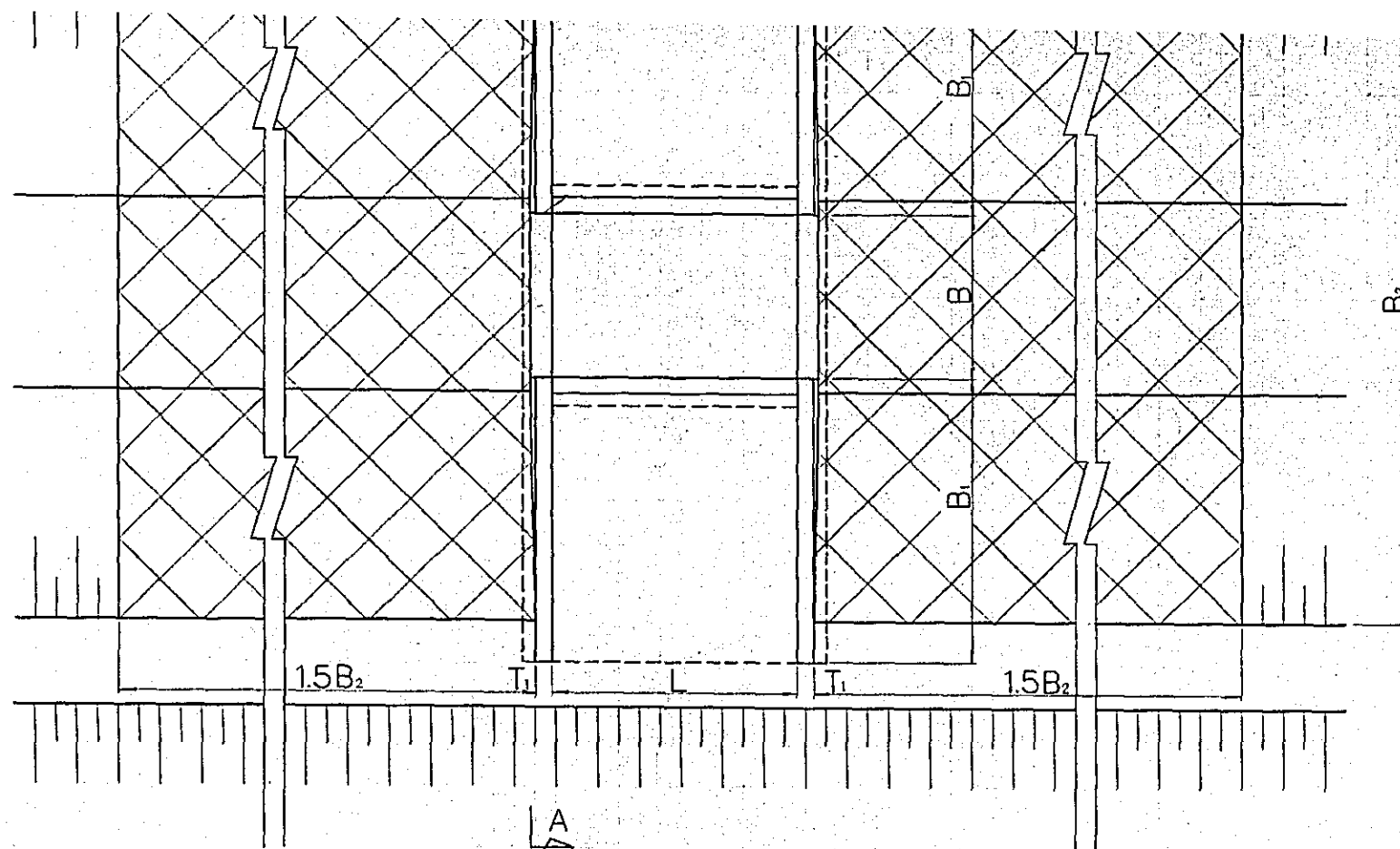
諸元 タイプ	流量 Q(m³/s)	中 B(m)	長さ L(m)	高さ H(m)	厚さ(m)			翼壁長 B ₁ (m)
					T ₁	T ₂	T ₃	
A	10~	6.0	9.0	7.5	0.4	0.8	0.8	7.9
B	6~10	4.0	6.0	6.8	0.4	0.7	0.7	6.6
C	3~6	3.0	4.5	6.3	0.4	0.7	0.7	5.6
D	2~3	2.0	3.0	5.7	0.3	0.6	0.6	4.3
E	~2	1.5	2.5	5.5	0.3	0.6	0.6	4.0

A-A断面図

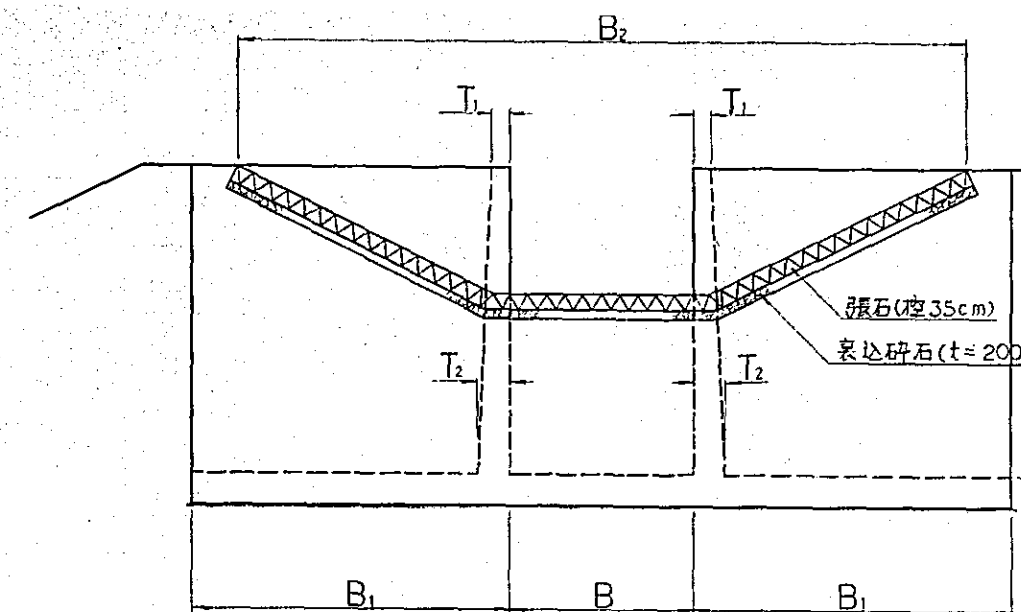
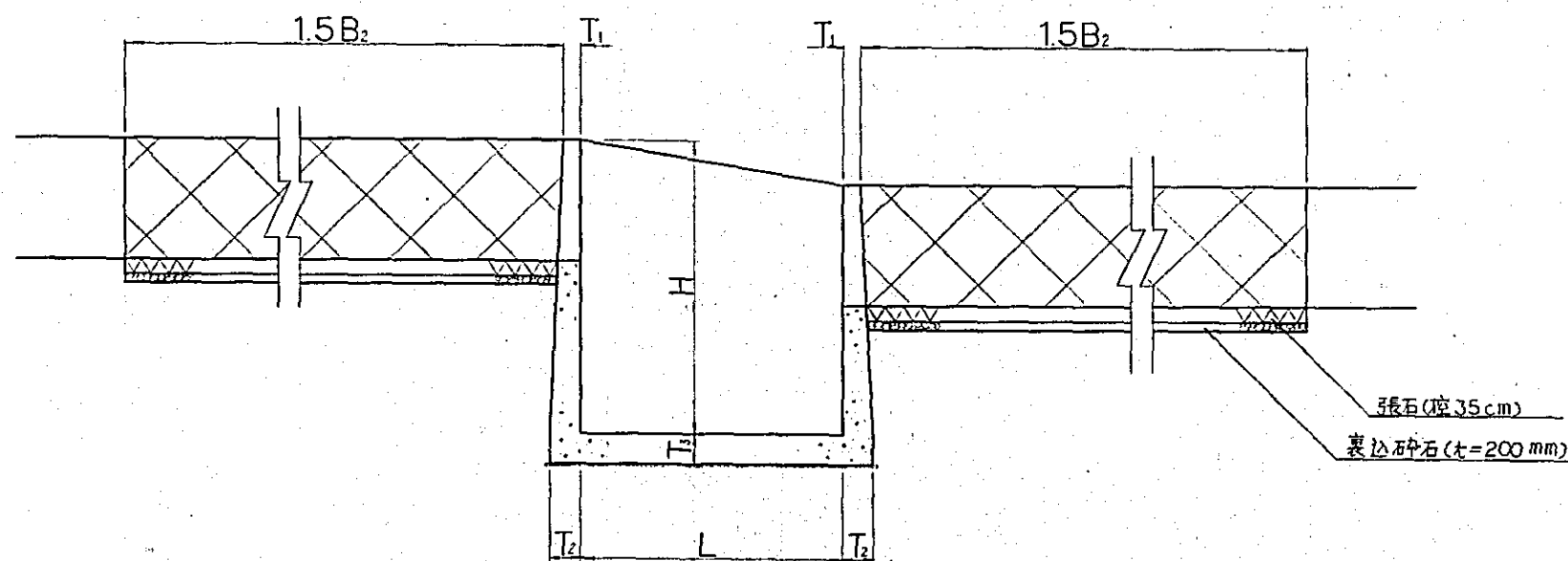


寸法表

諸元 タイプ	流量 Q(m³/s)	巾 B(m)	長さ L(m)	高さ H(m)	厚さ(m)			翼壁長 B1(m)
					T1	T2	T3	
A	10~	6.0	9.0	7.5	0.4	0.8	0.8	7.9
B	6~10	4.0	6.0	6.8	0.4	0.7	0.7	6.6
C	3~6	3.0	4.5	6.3	0.4	0.7	0.7	5.6
D	2~3	2.0	3.0	5.7	0.3	0.6	0.6	4.3
E	~2	1.5	2.5	5.5	0.3	0.6	0.6	4.0

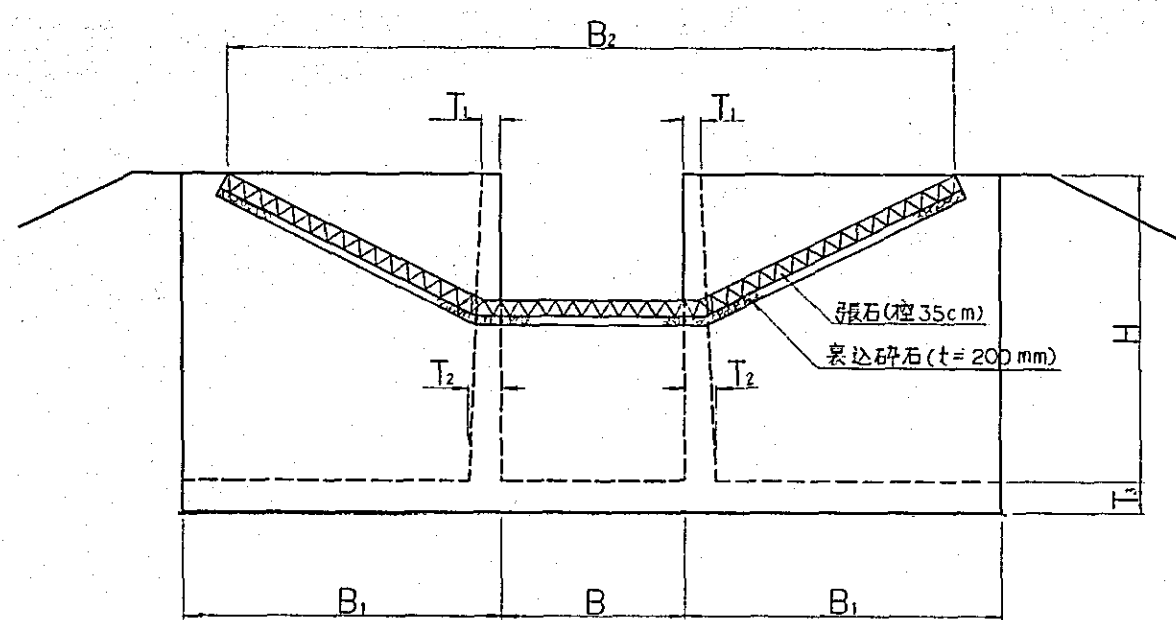


縦断図



寸法表

諸元 タイプ	流量 $Q(m^3/s)$	巾 $B(m)$	長さ $L(m)$	高さ $H(m)$	厚さ (m)			翼壁長 $B_1(m)$
					T_1	T_2	T_3	
A	10~	6.0	9.0	7.5	0.4	0.8	0.8	7.9
B	6~10	4.0	6.0	6.8	0.4	0.7	0.7	6.6
C	3~6	3.0	4.5	6.3	0.4	0.7	0.7	5.6
D	2~3	2.0	3.0	5.7	0.3	0.6	0.6	4.3
E	~2	1.5	2.5	5.5	0.3	0.6	0.6	4.0



寸法表

諸元 タイプ	流量 Q(m³/s)	中 幅 B(m)	長さ L(m)	高さ H(m)	厚さ (m)			翼壁長 B1(m)
					T1	T2	T3	
A	10~	6.0	9.0	7.5	0.4	0.8	0.8	7.9
B	6~10	4.0	6.0	6.8	0.4	0.7	0.7	6.6
C	3~6	3.0	4.5	6.3	0.4	0.7	0.7	5.6
D	2~3	2.0	3.0	5.7	0.3	0.6	0.6	4.3
E	~2	1.5	2.5	5.5	0.3	0.6	0.6	4.0

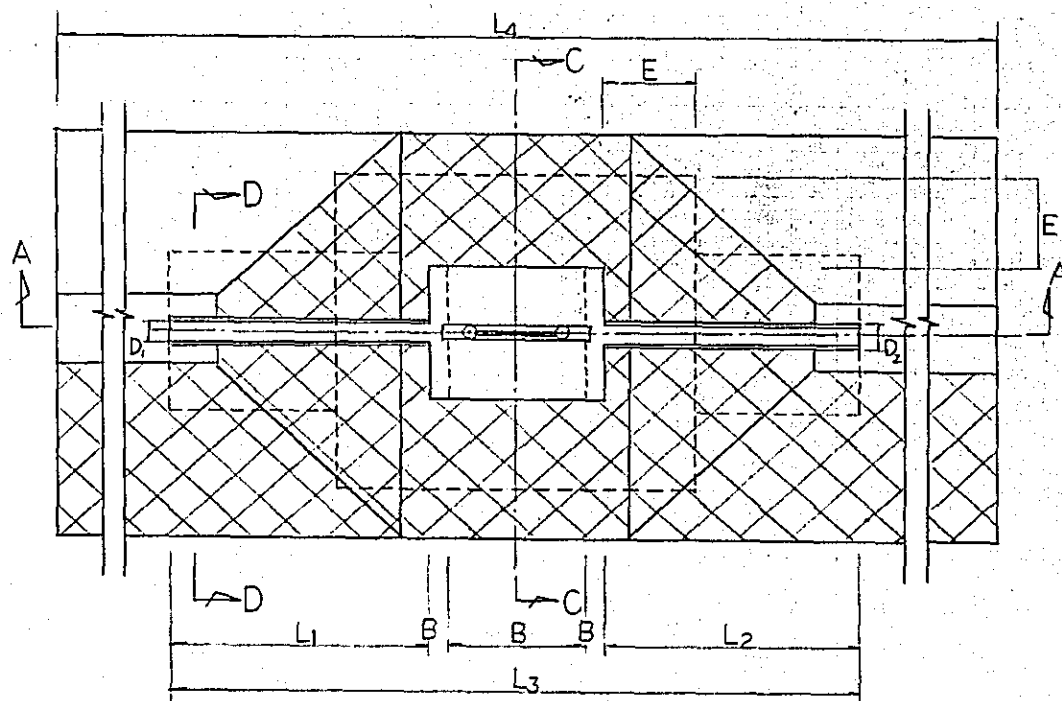
国際協力事業団
 受入 年月 84.5.30 105
 登録No. 10354 807
 AFT

中国三江平原
 竜頭橋典型区農業開発計画

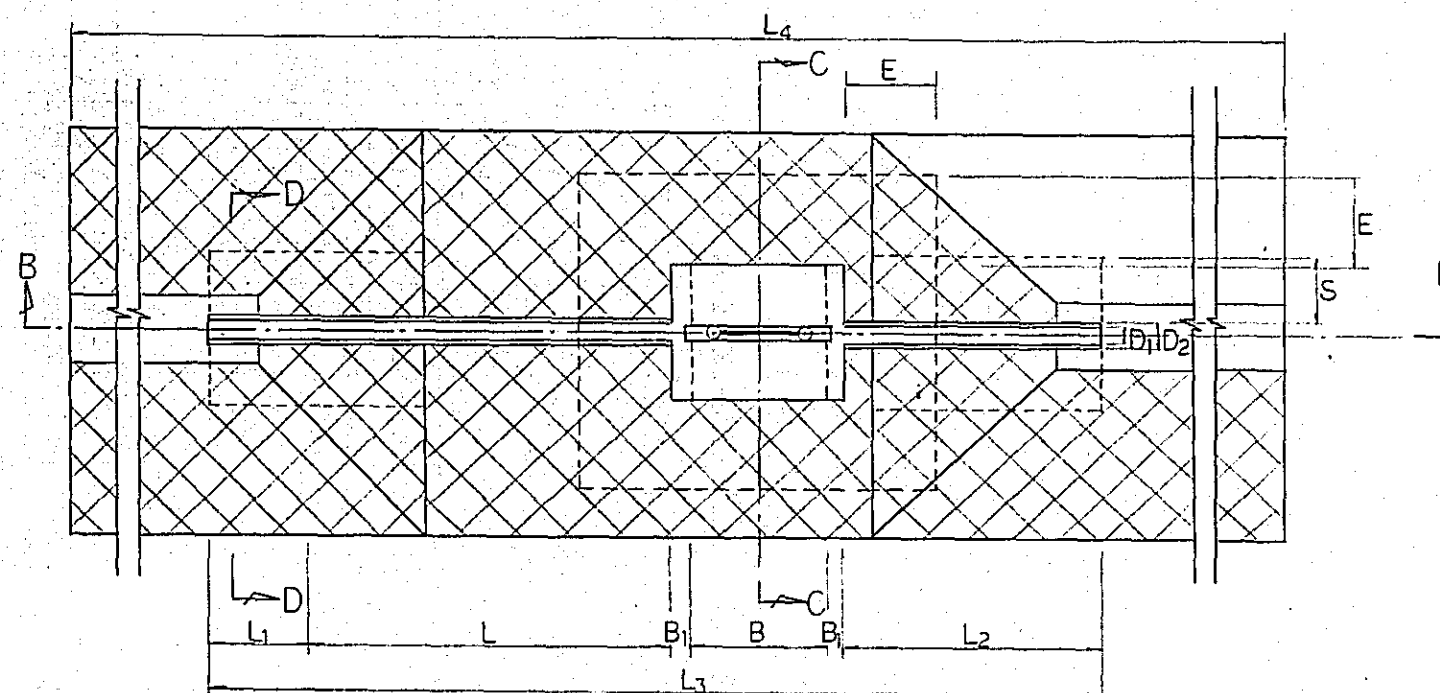
国際協力事業団
 幹線用水路落差工構造図

用 - 35

A, B, C, D タイプ 平面図

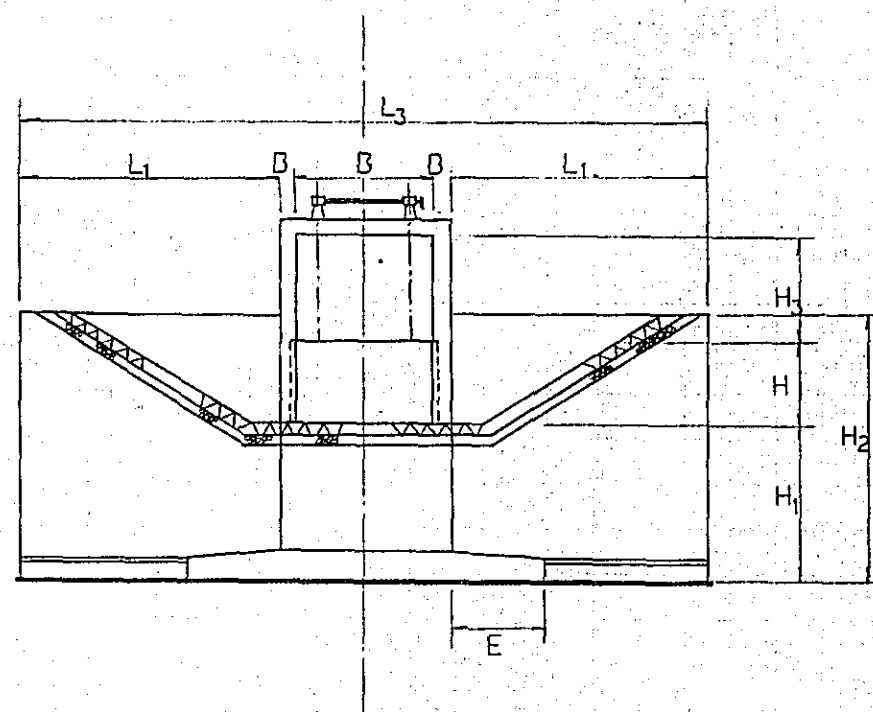


E, F, G タイプ 平面図

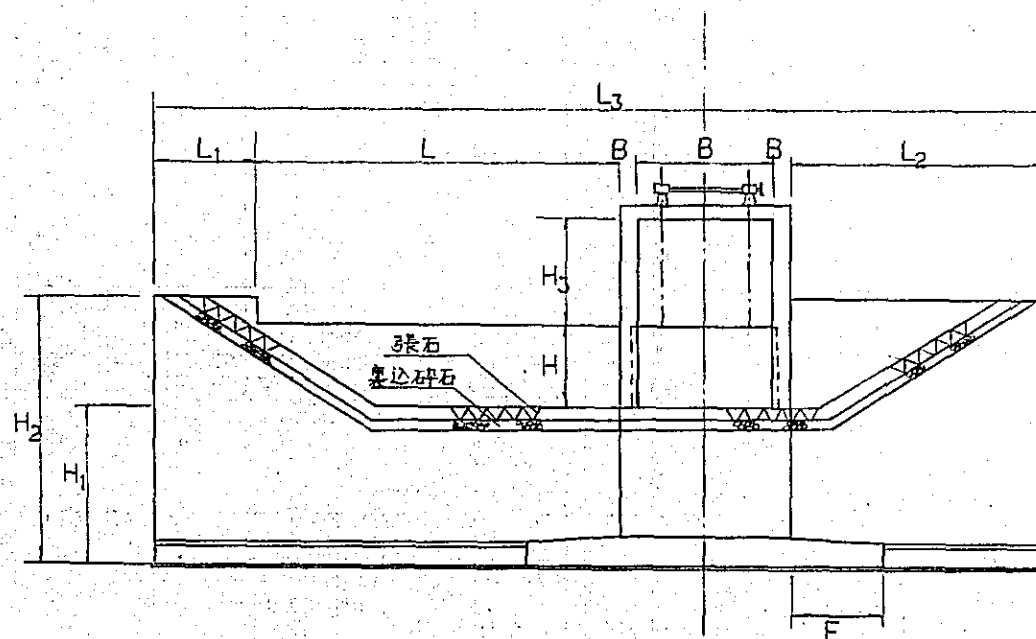


← 幹線用水路流水

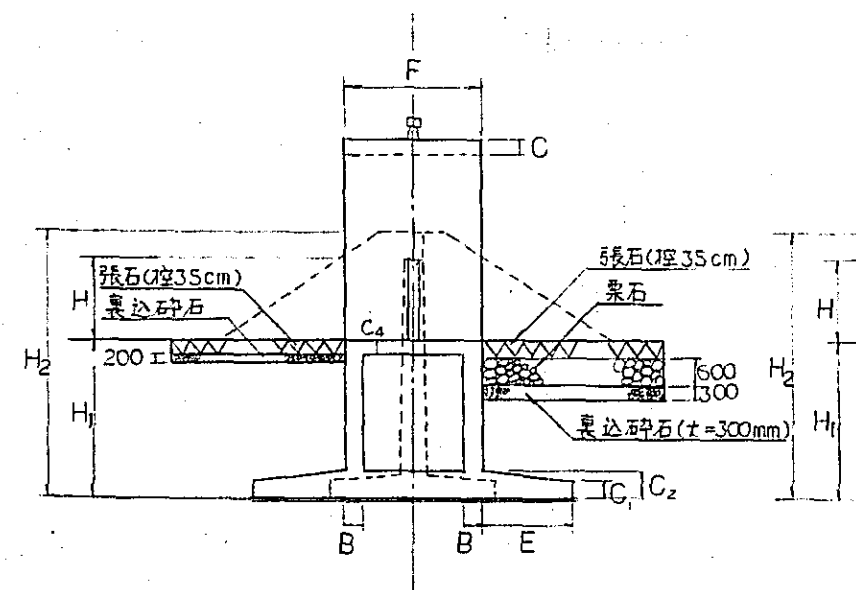
A-A 断面図

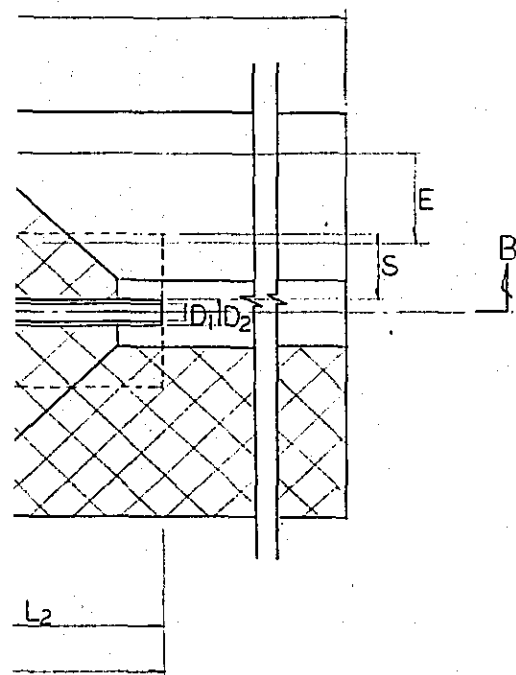


B-B 断面図



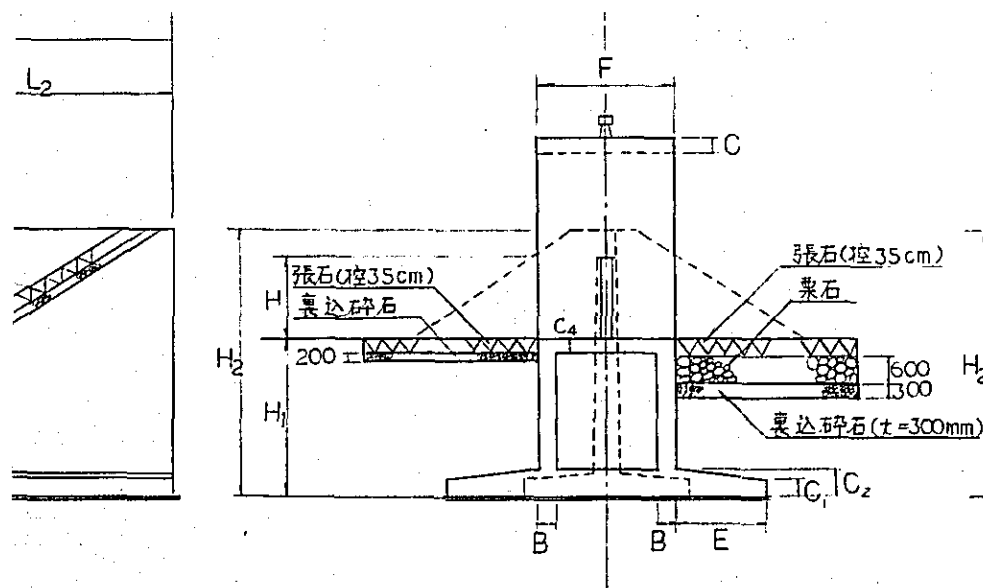
C-C 断面図



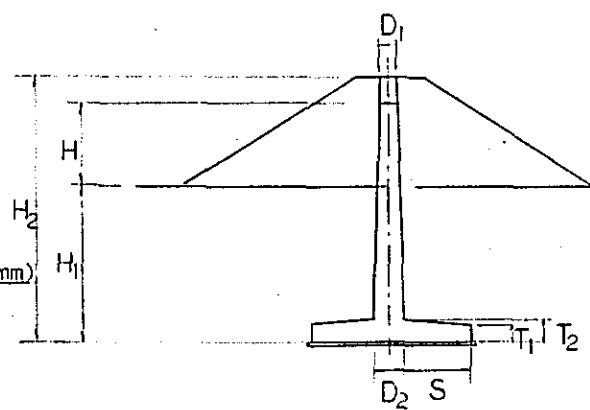


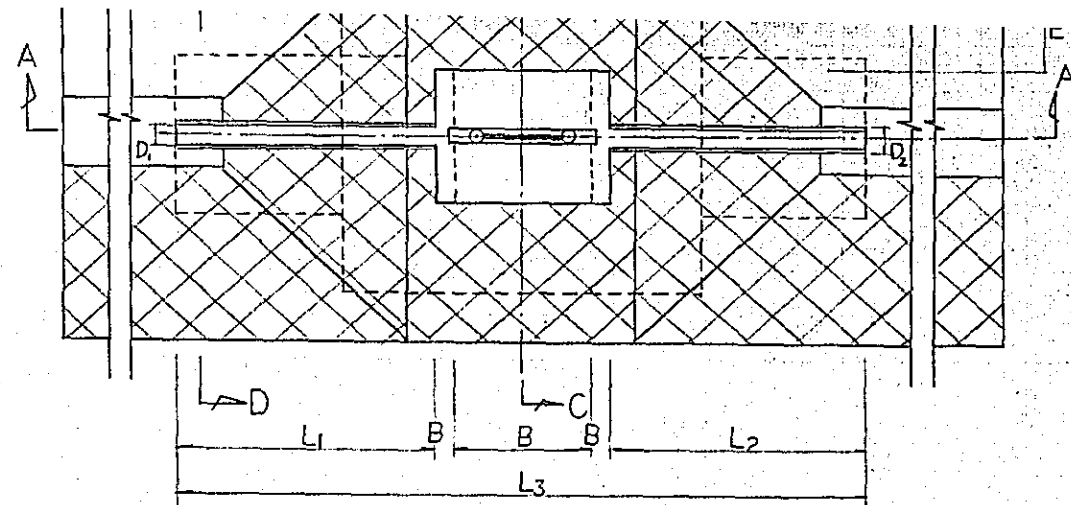
泥水

C-C 断面图

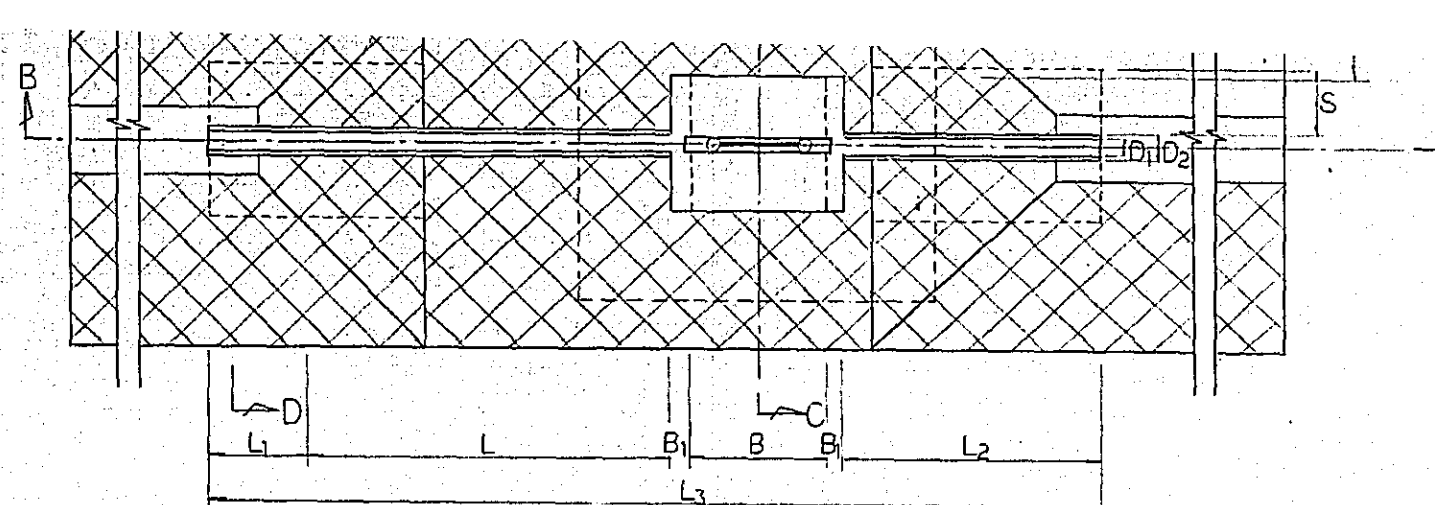
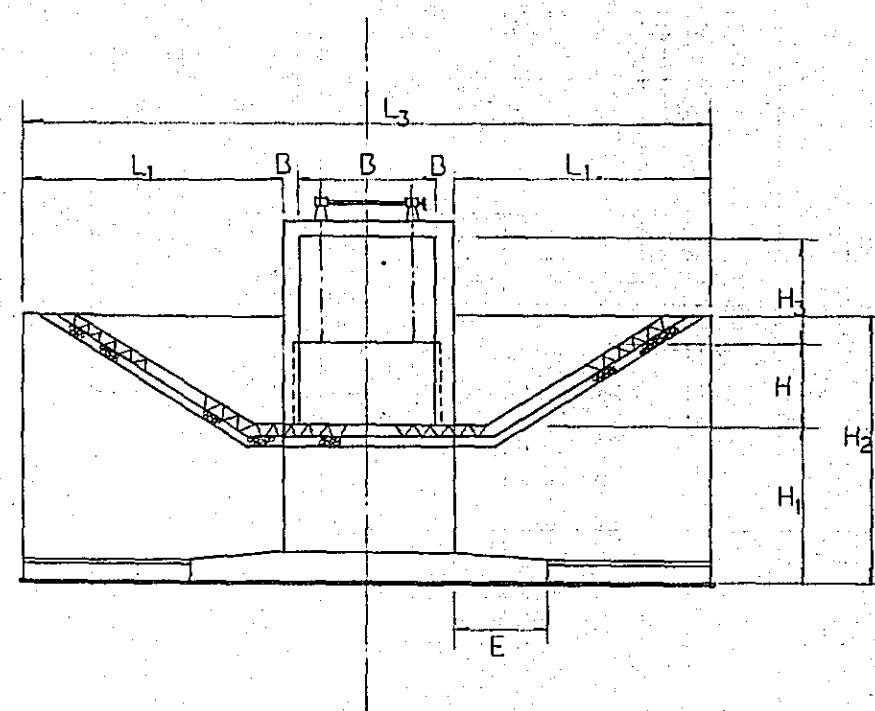


D-D 断面图

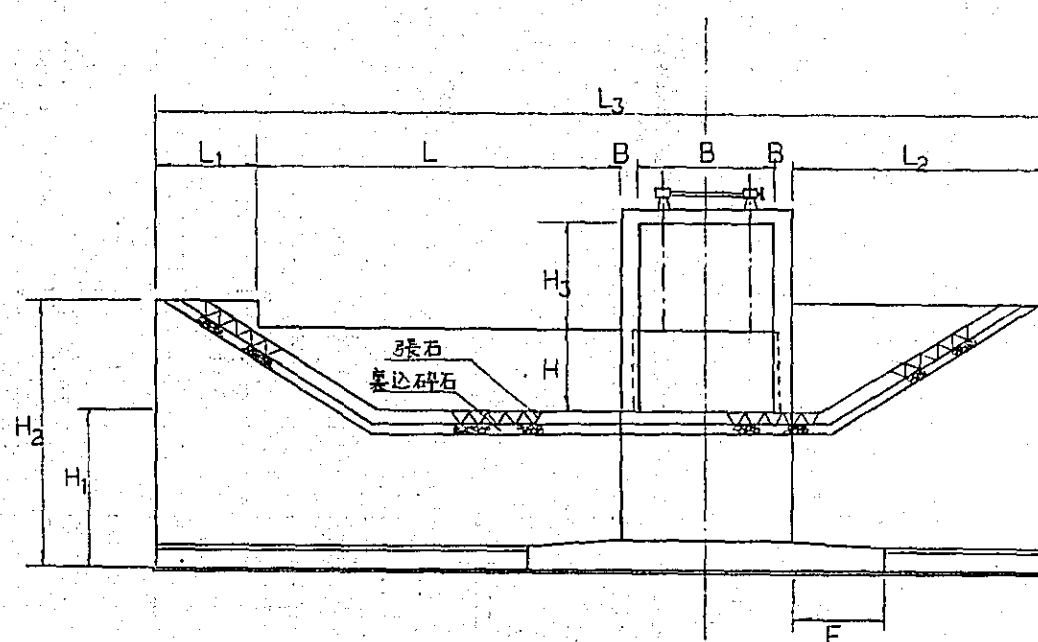




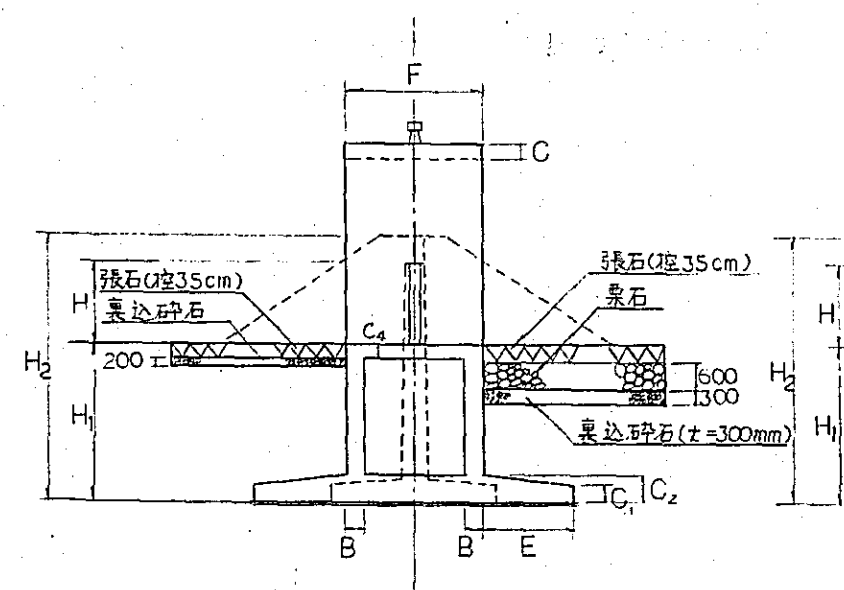
A-A 断面图



B-B 断面图

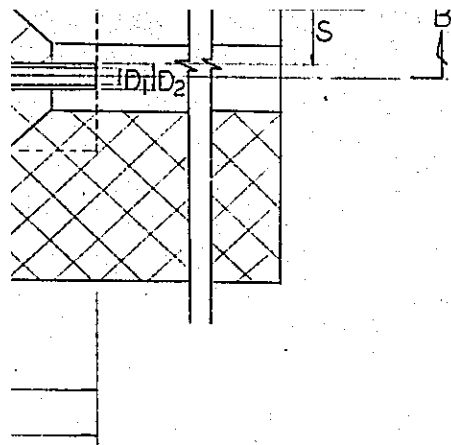


C-C 断面图

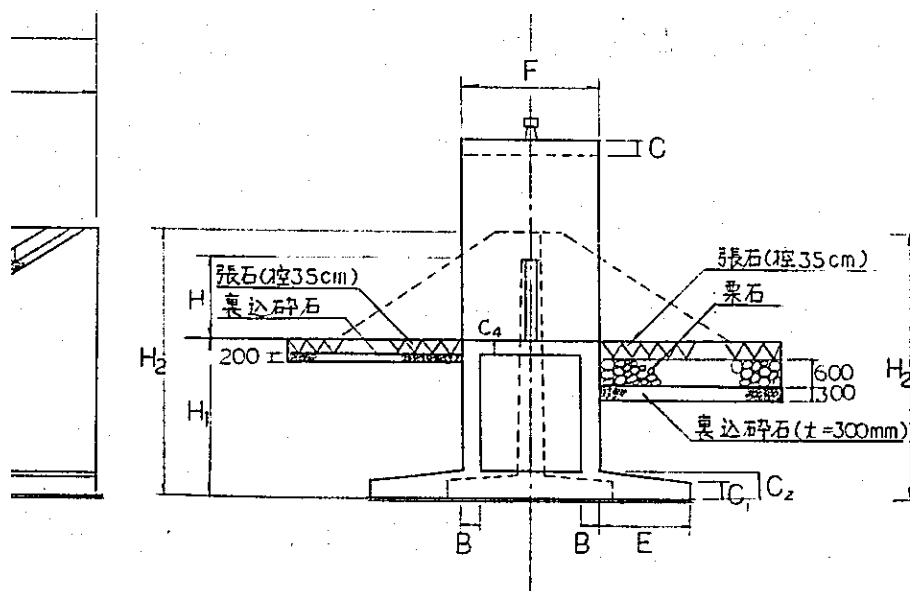


寸法表 (单位: m)

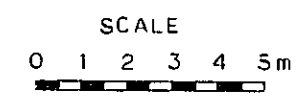
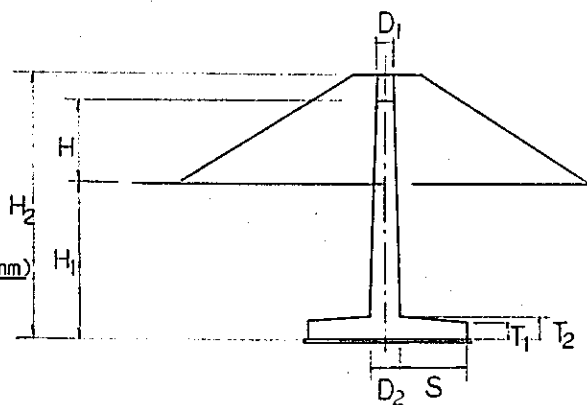
917°	L	B	L ₁	L ₂	B ₁ B ₂	L ₃	L ₄	H	H ₁	H ₂	H ₃	C ₁	C ₂	C ₃	C ₄	T ₁	T ₂	D ₁	D ₂	E	S	F
A	—	40	6.6	6.6	0.3	17.8	37.8	2.5	3.5	6.8	3.0	0.5	0.6	0.3	0.3	0.4	0.5	0.3	0.6	2.0	1.5	4.0
B	—	30	5.8	5.8	0.3	15.2	31.2	2.1	3.5	6.3	2.6	0.5	0.6	0.3	0.3	0.4	0.5	0.3	0.6	2.0	1.5	3.0
C	—	20	4.2	4.2	0.25	10.9	22.9	1.2	3.5	5.2	1.7	0.4	0.5	0.25	0.25	0.3	0.4	0.25	0.5	1.6	1.2	2.0
D	—	10	3.1	3.1	0.25	7.7	15.7	1.0	3.5	4.9	1.4	0.4	0.5	0.25	0.25	0.3	0.4	0.25	0.5	1.6	1.2	1.0
E	120	40	2.2	5.6	0.3	24.4	44.4	2.0	3.5	6.2	2.5	0.5	0.6	0.3	0.3	0.4	0.5	0.3	0.6	2.0	1.5	4.0
F	80	30	2.2	5.4	0.3	19.2	35.2	1.5	3.5	5.6	2.0	0.5	0.6	0.3	0.3	0.4	0.5	0.3	0.6	2.0	1.5	3.0
G	60	20	2.2	5.4	0.25	16.1	28.1	1.5	3.5	5.6	2.0	0.5	0.6	0.3	0.3	0.4	0.5	0.3	0.6	2.0	1.5	2.0



C-C 断面图



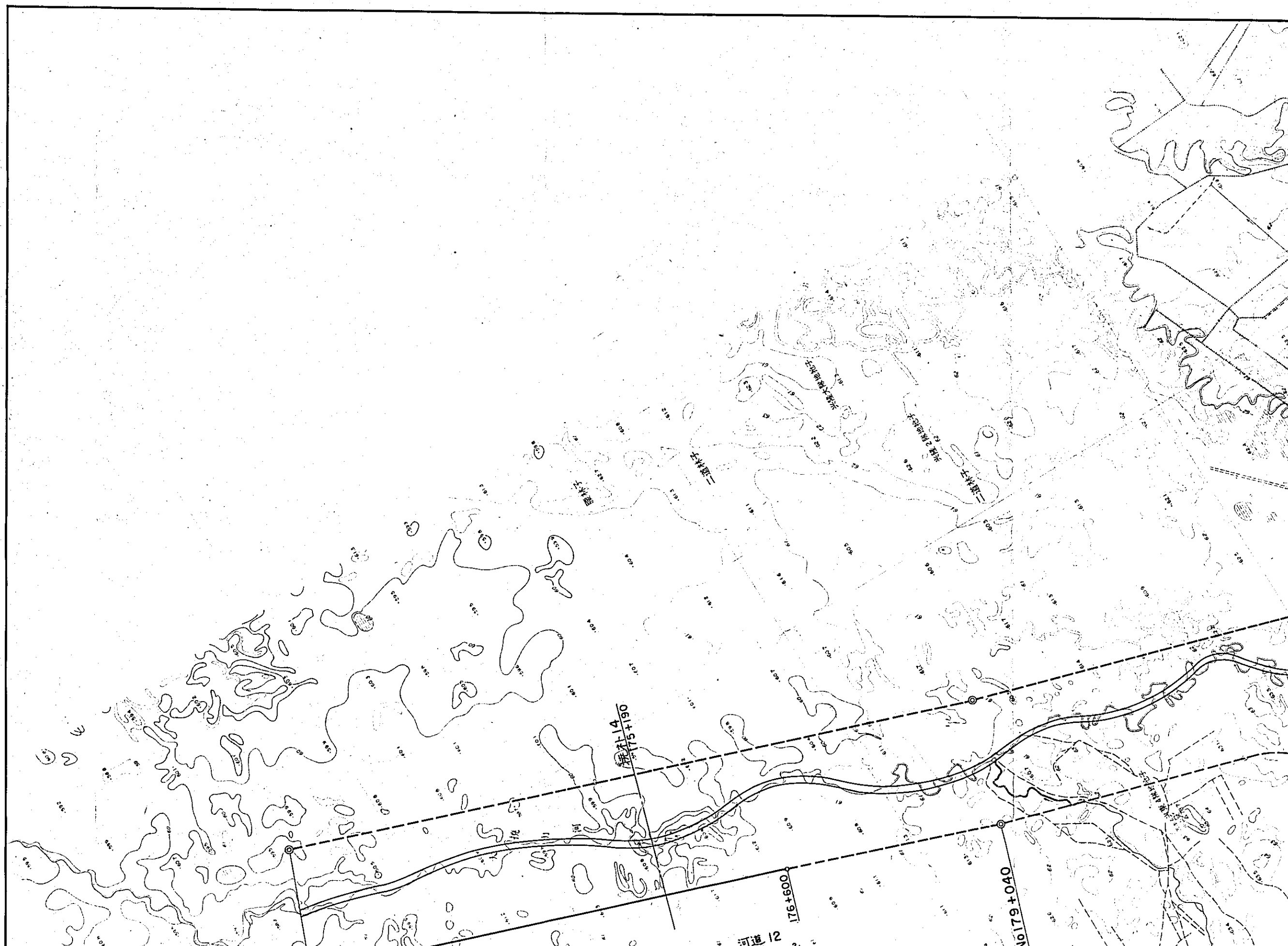
D-D 断面图

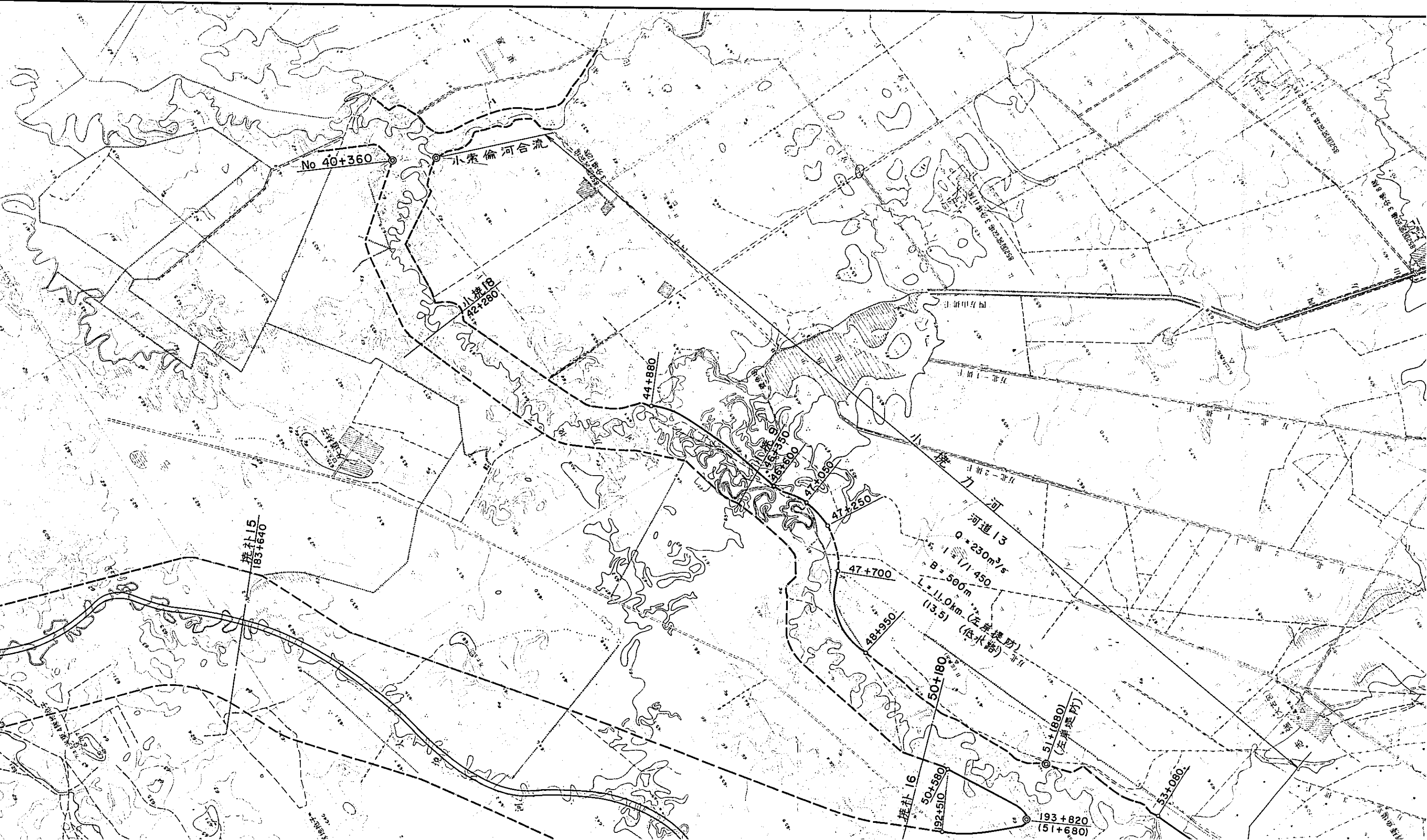


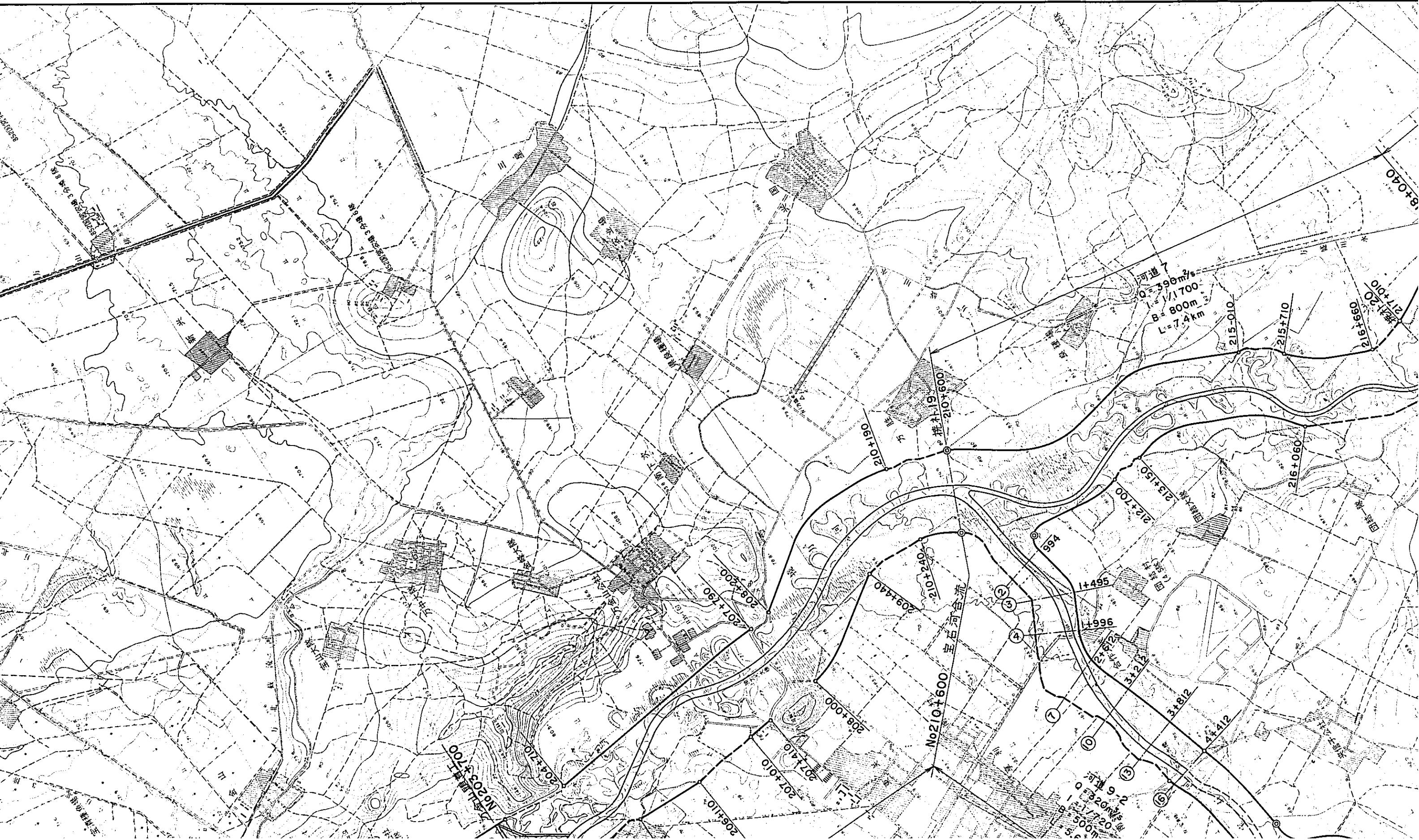
D ₁	D ₂	E	S	F
0.3	0.6	2.0	1.5	4.0
0.3	0.6	2.0	1.5	3.0
0.25	0.5	1.6	1.2	2.0
0.25	0.5	1.6	1.2	1.0
0.3	0.6	2.0	1.5	4.0
0.3	0.6	2.0	1.5	3.0
0.3	0.6	2.0	1.5	2.0

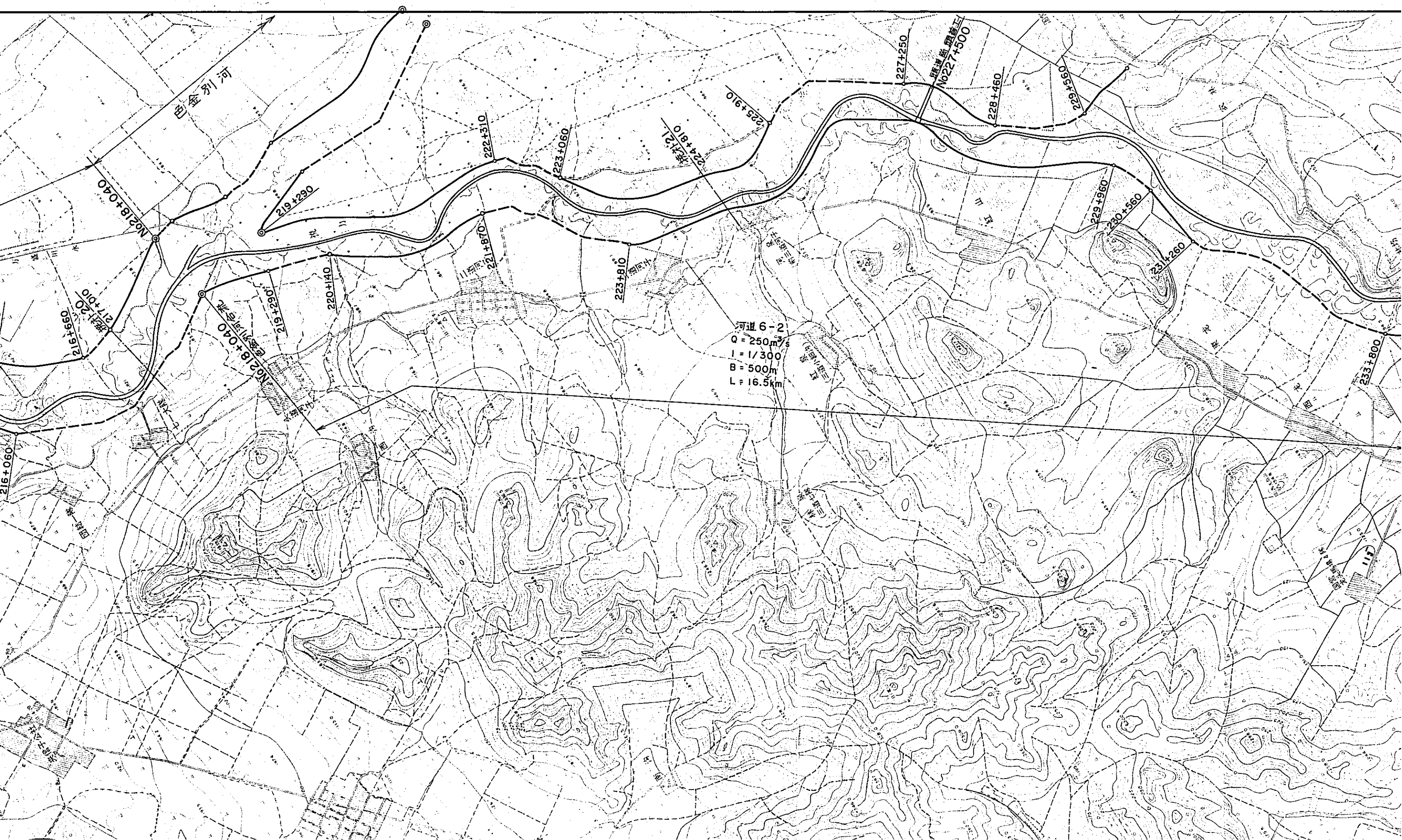
国际协力事业团
 受入 84.5.30 105
 月日 80.7
 登録No. 10354 AFT

中国三江平原
 屯河桥典型区農業開発計画
 国际协力事业团
 幹線用水路放余木工構造図
 用 - 36

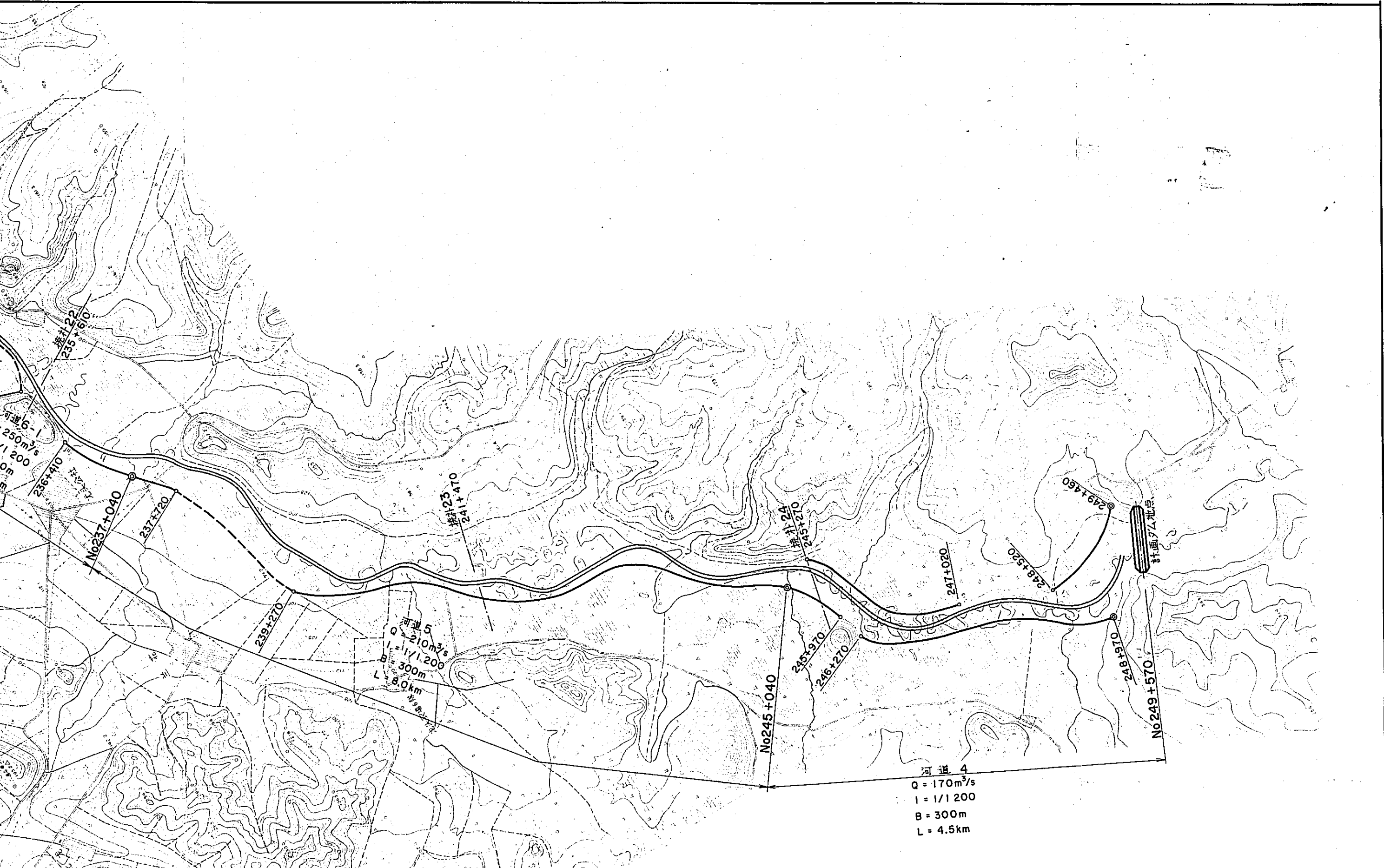


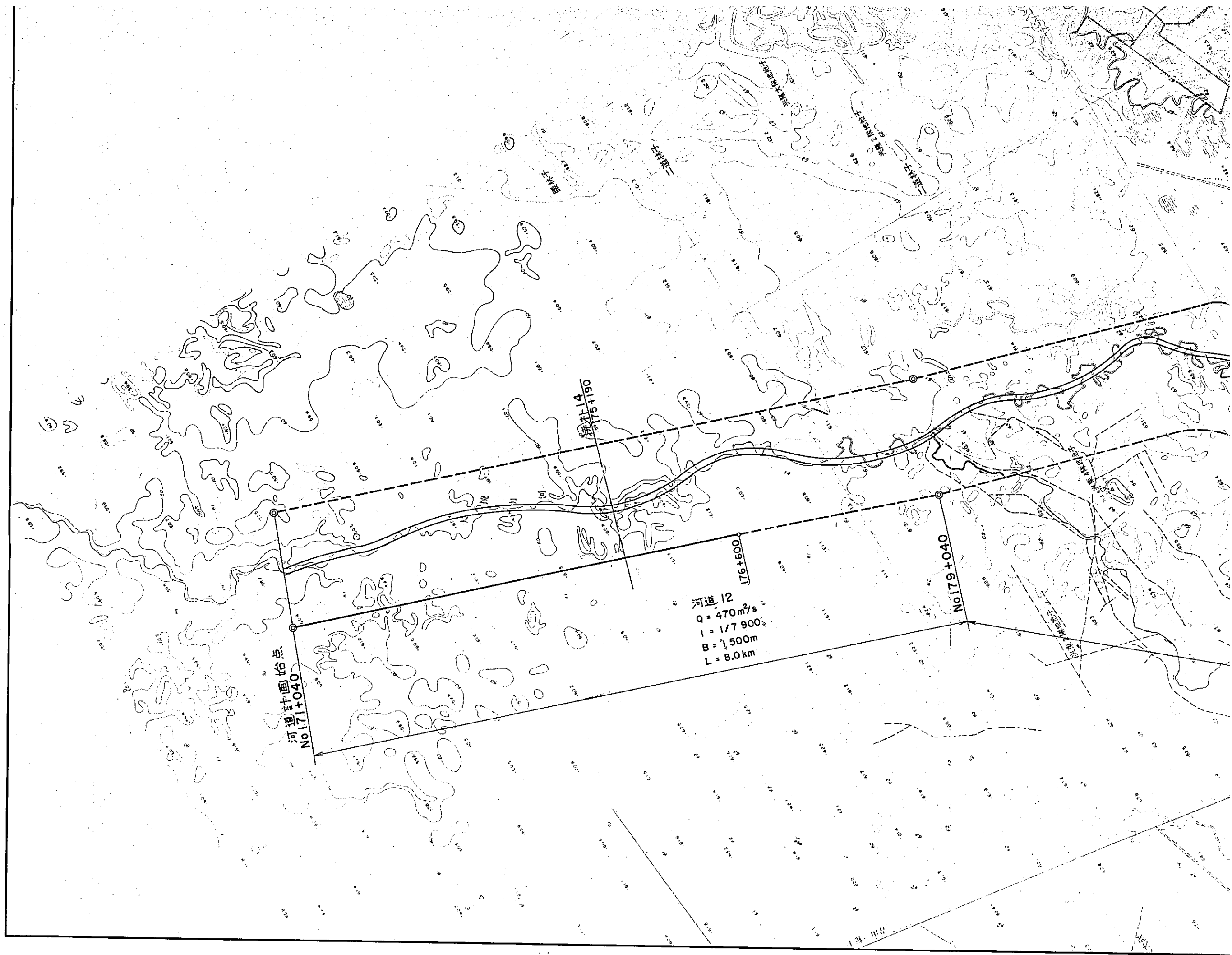


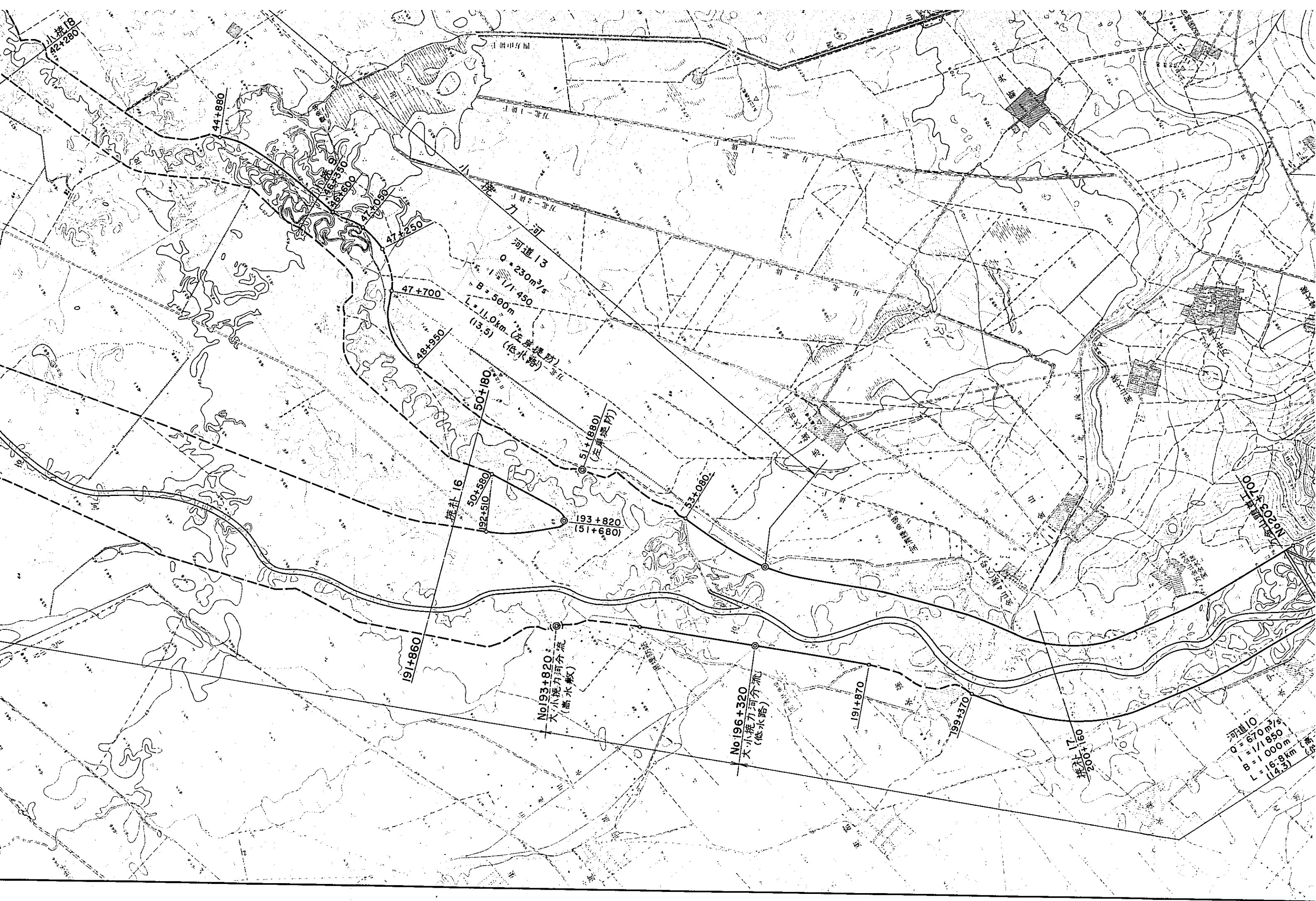


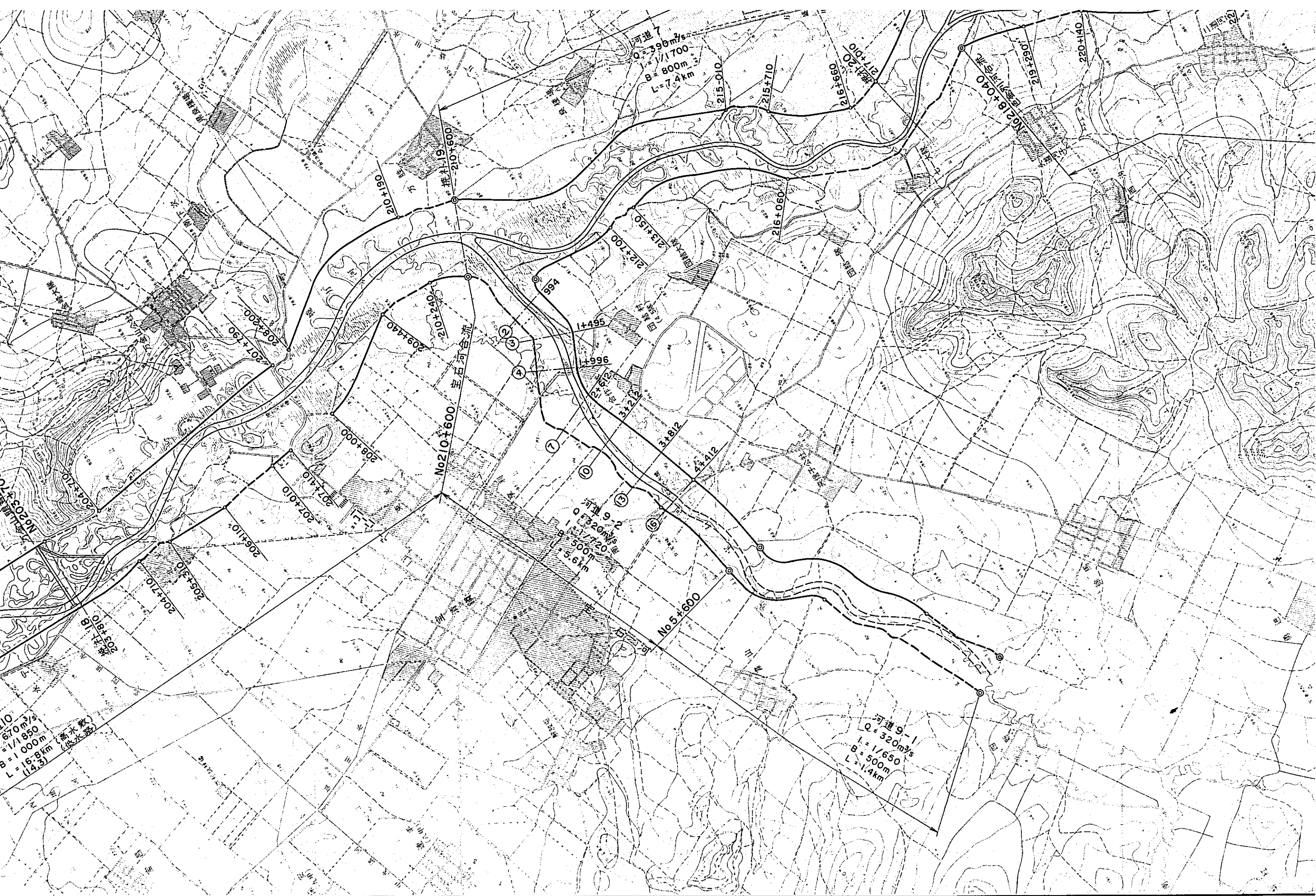


河道 6-2
 $Q = 250 \text{ m}^3/\text{s}$
 $I = 1/300$
 $B = 500 \text{ m}$
 $L = 16.5 \text{ km}$











223+811

河道 6-2
Q = 250m³/s
I = 1/300
B = 500m
L = 16.5km

233+800

No234+540

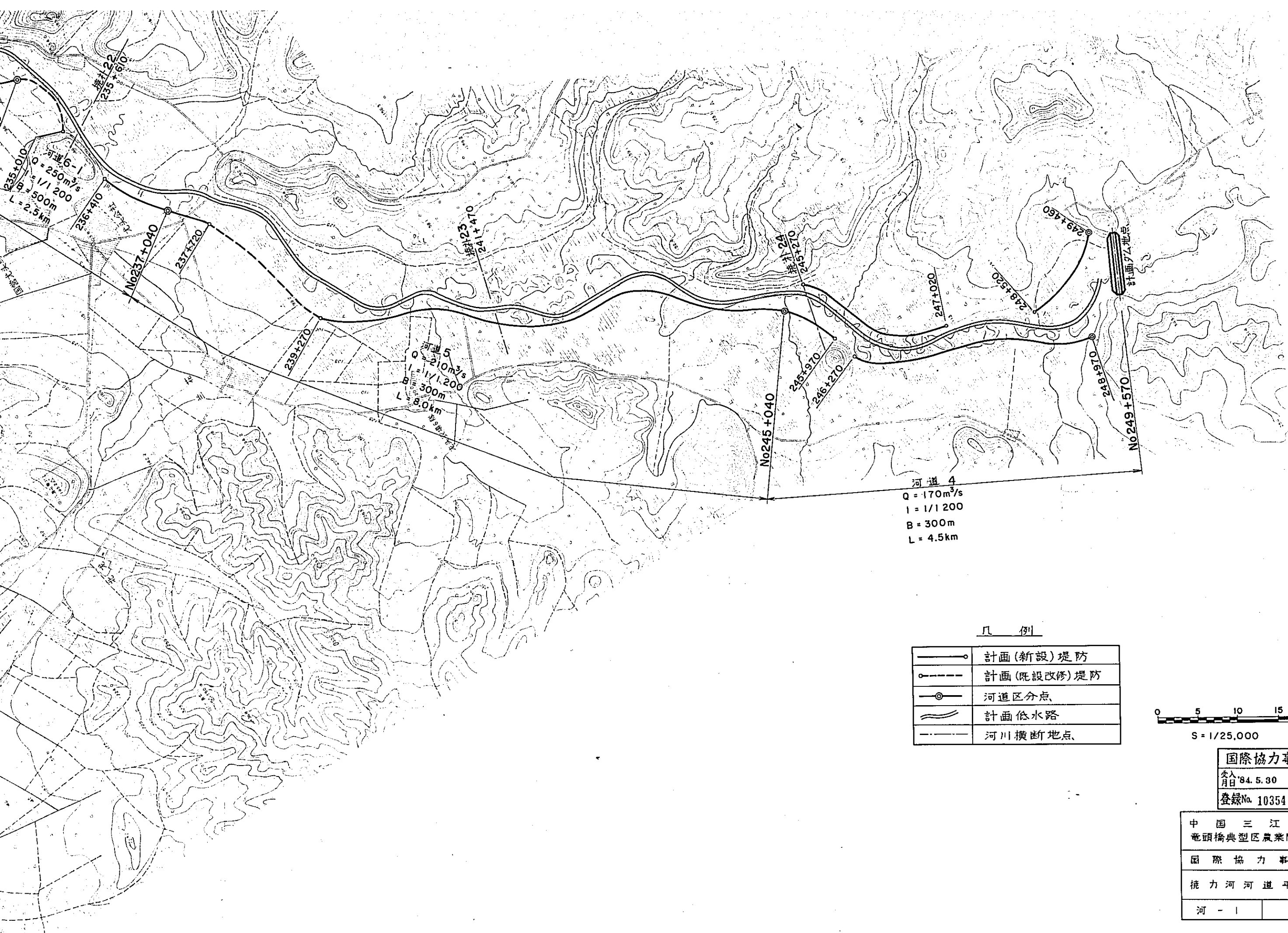
235+010
河道 6-1
Q = 250m³/s
I = 1/300
B = 500m
L = 16.5km

236+410

No237+040

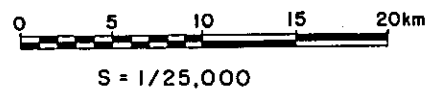
237+720

239+270



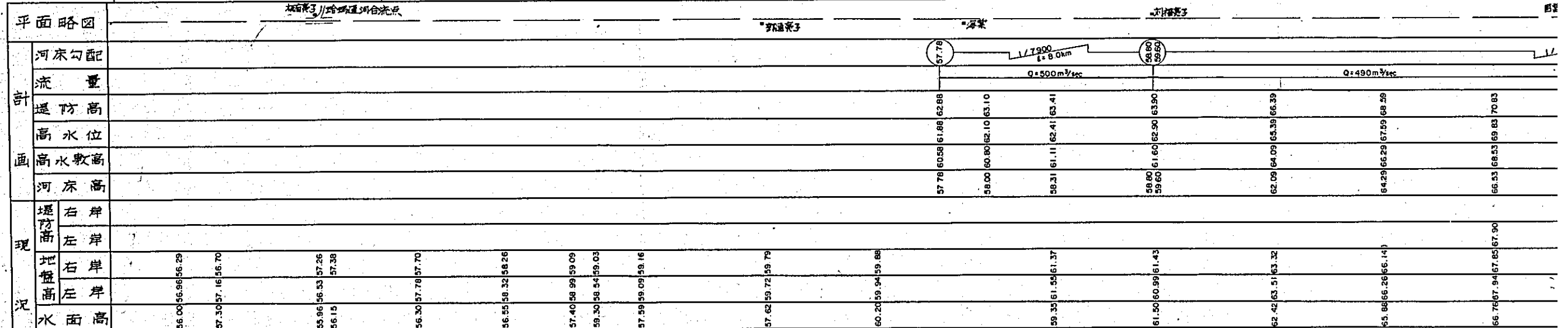
凡 例

	計画(新設)堤防
	計画(既設改修)堤防
	河道区分点
	計画低水路
	河川横断地点



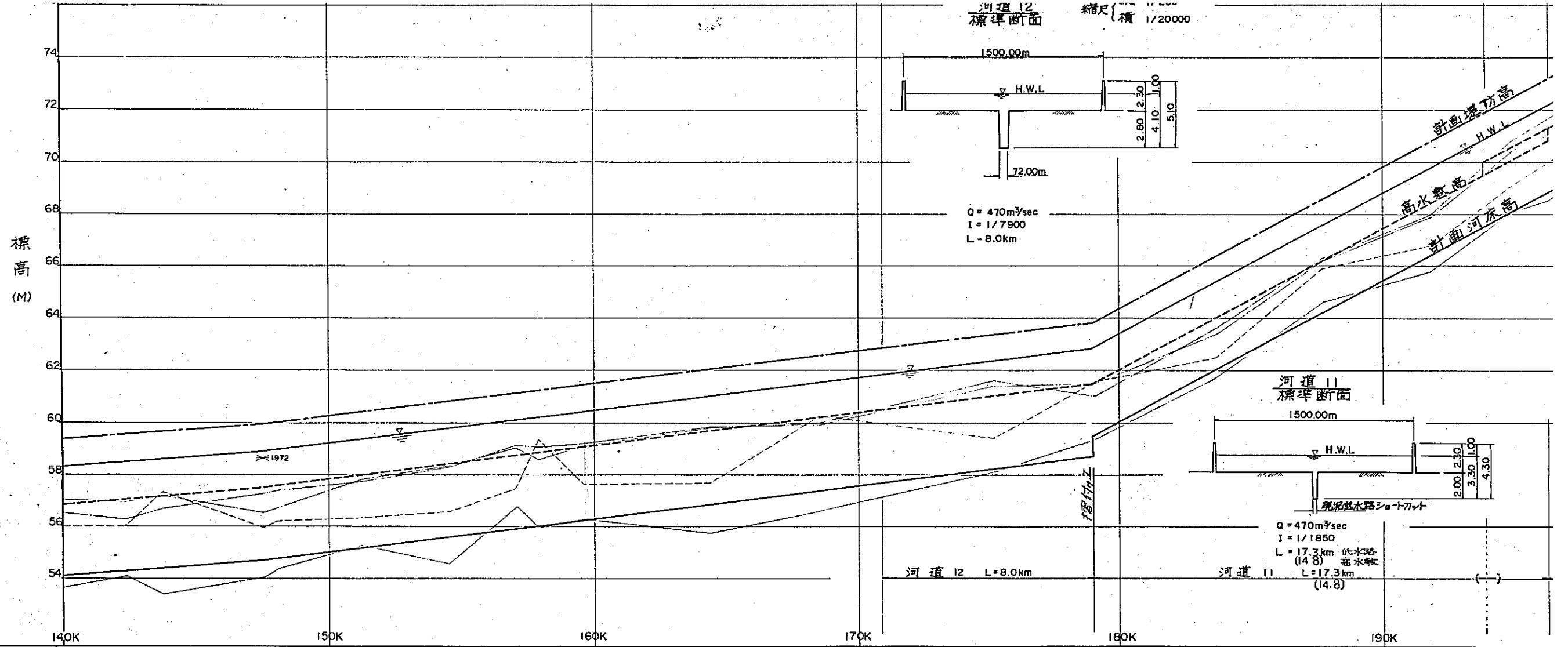
国際協力事業団		
受入 月日	'84.5.30	105
登録No.	10354	80.7
AFT		
中国三江平原 竜頭橋典型区農業開発計画		
国際協力事業団		
撓力河河道平面図		
河 - 1		

縱橫尺
縱百分之一

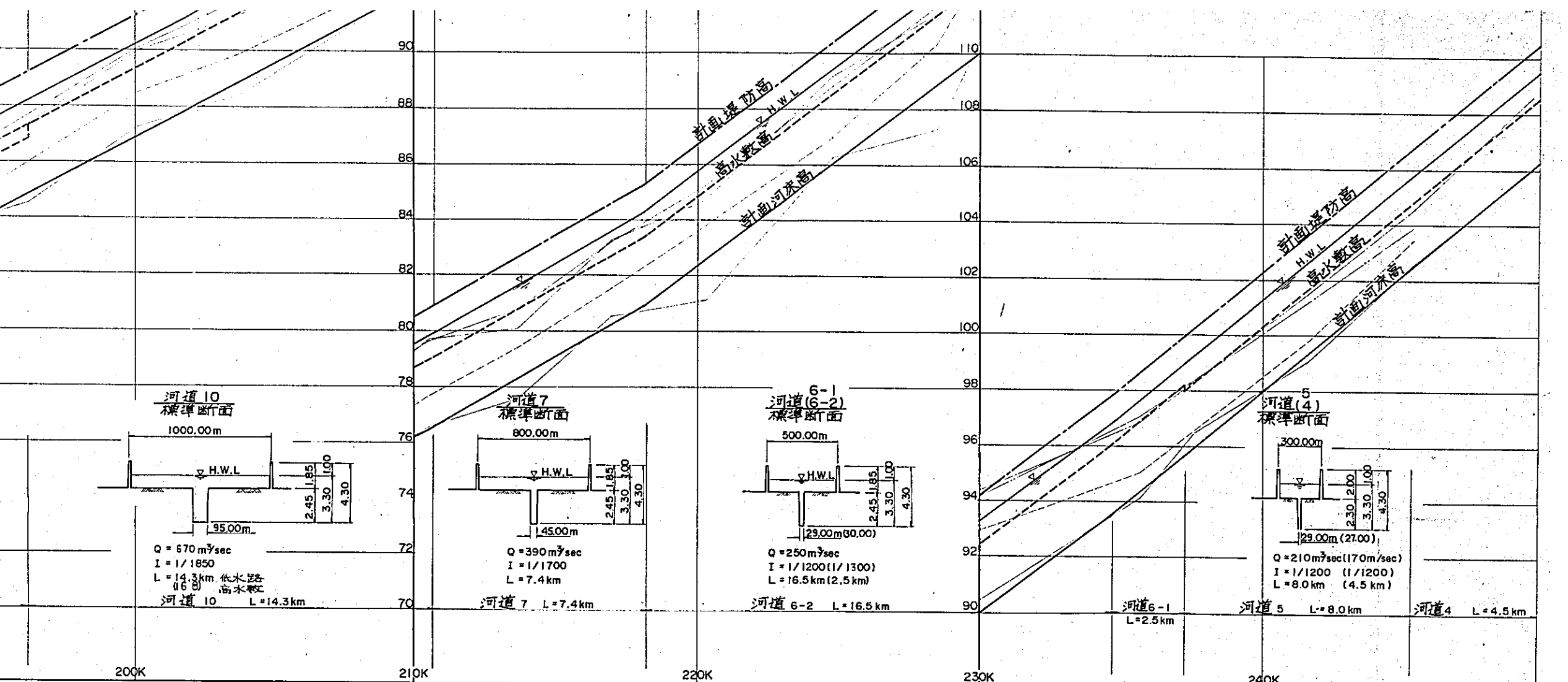


力河河道縦断面図

縮尺 横 十分之二
縦 百分之一



平面略図		河道 I 標準断面										河道 II 標準断面	
計	河床勾配	1/7900										1/1850	
	流量	Q=470 m³/sec										Q=470 m³/sec	
	堤防高	57.78										58.80	
	高水位	61.88										62.90	
	高水位敷高	63.10										64.29	
画	河床高	57.78										58.80	
	堤防高	57.78										58.80	
	右岸	57.78										58.80	
	左岸	57.78										58.80	
	水面高	57.78										58.80	
現	堤防高	57.78										58.80	
	右岸	57.78										58.80	
	左岸	57.78										58.80	
	水面高	57.78										58.80	
	最深河床高	57.78										58.80	
累加距離		142+380										142+380	
区間距離		2000										2000	
測点名		CS 12										CS 12	



凡例

- 最深河床高
- 水面高
- 左岸地盤高
- 右岸地盤高

地点	河道	流量 (m³/sec)	左岸地盤高	水面高	右岸地盤高
1450	河道10	Q=700	68.94	70.94	72.24
3840	河道10	Q=700	71.02	73.47	74.32
3650	河道10	Q=700	72.99	75.44	76.29
3980	河道10	Q=700	75.14	77.59	78.44
2810	河道7	Q=390	76.66	78.66	79.56
3110	河道7	Q=390	78.49	80.94	81.79
3300	河道7	Q=390	84.37	86.43	87.33
3300	河道7	Q=390	81.04	83.45	84.34
4500	河道6-1	Q=250	82.79	85.24	86.09
3650	河道6-1	Q=250	86.25	88.70	89.55
3740	河道6-1	Q=250	90.06	92.51	93.36
3410	河道6-1	Q=250	91.93	94.39	95.23
1860	河道5	Q=210	93.73	96.18	97.03
4000	河道5	Q=210	94.62	97.07	97.92
3800	河道5	Q=210	95.81	98.11	98.96
4300	河道5	Q=210	96.17	98.41	99.26
2490	河道4	Q=170	99.51	101.81	102.61
2490	河道4	Q=170	102.49	104.78	105.58
2490	河道4	Q=170	102.67	104.97	105.77
2490	河道4	Q=170	106.25	108.55	109.35

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 河 - 2