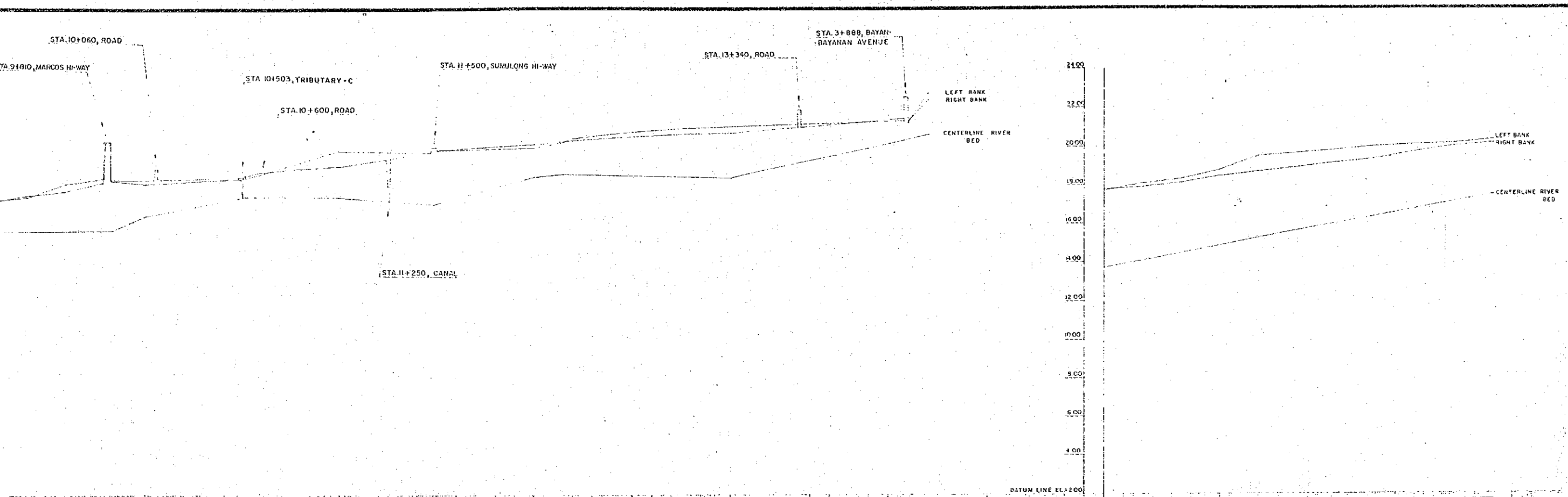


STATION NO.	EXISTING ELEVATION		PROPOSED ELEVATION	
	RIGHT LEVEE	LEFT LEVEE	RIVER BED	HIGH WATER LEVEL
8+000	17.82	17.43		
8+100	17.32	17.16		
8+200	17.31	17.21		
8+300	17.30	17.20		
8+400	16.20	16.20		
8+500	15.57	15.78	15.78	
8+600	15.37	15.37	15.37	
8+700	15.37	15.37	15.37	
8+800	15.37	15.37	15.37	
8+900	15.37	15.37	15.37	
9+000	15.37	15.37	15.37	
9+100	15.37	15.37	15.37	
9+200	15.37	15.37	15.37	
9+300	15.37	15.37	15.37	
9+400	15.37	15.37	15.37	
9+500	15.37	15.37	15.37	
9+600	15.37	15.37	15.37	
9+700	15.37	15.37	15.37	
9+800	15.37	15.37	15.37	
9+900	15.37	15.37	15.37	
10+000	15.37	15.37	15.37	
10+100	15.37	15.37	15.37	
10+200	15.37	15.37	15.37	
10+300	15.37	15.37	15.37	
10+400	15.37	15.37	15.37	
10+500	15.37	15.37	15.37	
10+600	15.37	15.37	15.37	
10+700	15.37	15.37	15.37	
10+800	15.37	15.37	15.37	
10+900	15.37	15.37	15.37	
11+000	15.37	15.37	15.37	
11+100	15.37	15.37	15.37	
11+200	15.37	15.37	15.37	
11+300	15.37	15.37	15.37	
11+400	15.37	15.37	15.37	
11+500	15.37	15.37	15.37	
11+600	15.37	15.37	15.37	
11+700	15.37	15.37	15.37	
11+800	15.37	15.37	15.37	
11+900	15.37	15.37	15.37	
12+000	15.37	15.37	15.37	
12+100	15.37	15.37	15.37	
12+200	15.37	15.37	15.37	
12+300	15.37	15.37	15.37	
12+400	15.37	15.37	15.37	
12+500	15.37	15.37	15.37	
12+600	15.37	15.37	15.37	
12+700	15.37	15.37	15.37	
12+800	15.37	15.37	15.37	
12+900	15.37	15.37	15.37	
13+000	15.37	15.37	15.37	
13+100	15.37	15.37	15.37	
13+200	15.37	15.37	15.37	
13+300	15.37	15.37	15.37	
13+400	15.37	15.37	15.37	
13+500	15.37	15.37	15.37	
13+600	15.37	15.37	15.37	
13+700	15.37	15.37	15.37	
13+800	15.37	15.37	15.37	
13+900	15.37	15.37	15.37	
14+000	15.37	15.37	15.37	

SAPANG BAHU RIVER, STA. 0+000 - STA. 14+000

	CONSULTANTS		J I C A		DATE		SIGNATURE	
	SURVEYED BY:	DATE	SIGNATURE	PROJECT EXPERT	DATE	SIGNATURE		
	CHECKED BY:			PROJECT EXPERT				
	PROJECT MANAGER							
JAPAN INTERNATIONAL COOPERATION AGENCY								

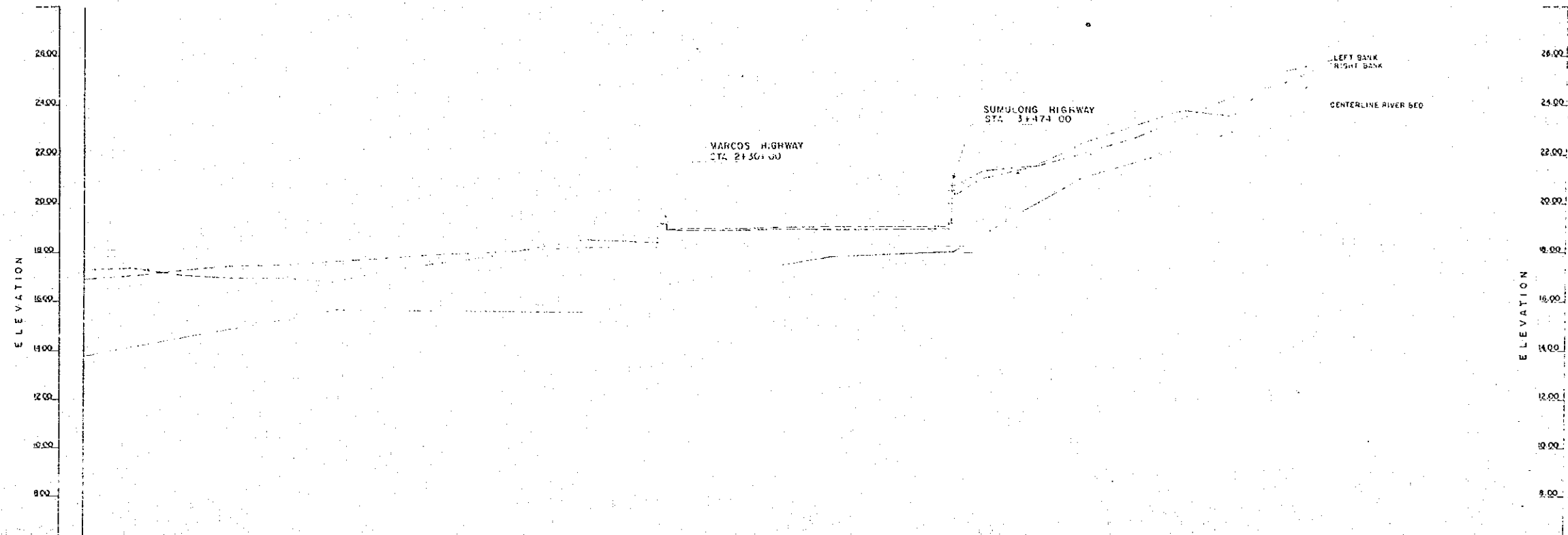


Station	Left Bank	Centerline River Bed	Right Bank
9+400	17.50	17.60	17.60
9+500	18.20	17.82	18.30
9+600	18.42	18.20	18.30
9+700	18.42	18.30	18.30
9+800	18.42	18.30	18.30
9+900	18.42	18.30	18.30
10+000	18.42	18.30	18.30
10+100	18.42	18.30	18.30
10+200	18.42	18.30	18.30
10+300	18.42	18.30	18.30
10+400	18.42	18.30	18.30
10+500	18.42	18.30	18.30
10+600	18.42	18.30	18.30
10+700	18.42	18.30	18.30
10+800	18.42	18.30	18.30
10+900	18.42	18.30	18.30
11+000	18.42	18.30	18.30
11+100	18.42	18.30	18.30
11+200	18.42	18.30	18.30
11+300	18.42	18.30	18.30
11+400	18.42	18.30	18.30
11+500	18.42	18.30	18.30
11+600	18.42	18.30	18.30
11+700	18.42	18.30	18.30
11+800	18.42	18.30	18.30
11+900	18.42	18.30	18.30
12+000	18.42	18.30	18.30
12+100	18.42	18.30	18.30
12+200	18.42	18.30	18.30
12+300	18.42	18.30	18.30
12+400	18.42	18.30	18.30
12+500	18.42	18.30	18.30
12+600	18.42	18.30	18.30
12+700	18.42	18.30	18.30
12+800	18.42	18.30	18.30
12+900	18.42	18.30	18.30
13+000	18.42	18.30	18.30
13+100	18.42	18.30	18.30
13+200	18.42	18.30	18.30
13+300	18.42	18.30	18.30
13+400	18.42	18.30	18.30
13+500	18.42	18.30	18.30
13+600	18.42	18.30	18.30
13+700	18.42	18.30	18.30
13+800	18.42	18.30	18.30
13+900	18.42	18.30	18.30
14+000	18.42	18.30	18.30
14+100	18.42	18.30	18.30
14+200	18.42	18.30	18.30
14+300	18.42	18.30	18.30
14+400	18.42	18.30	18.30
14+500	18.42	18.30	18.30
14+600	18.42	18.30	18.30
14+700	18.42	18.30	18.30
14+800	18.42	18.30	18.30
14+900	18.42	18.30	18.30
15+000	18.42	18.30	18.30
15+100	18.42	18.30	18.30
15+200	18.42	18.30	18.30
15+300	18.42	18.30	18.30
15+400	18.42	18.30	18.30
15+500	18.42	18.30	18.30
15+600	18.42	18.30	18.30
15+700	18.42	18.30	18.30
15+800	18.42	18.30	18.30
15+900	18.42	18.30	18.30
16+000	18.42	18.30	18.30
16+100	18.42	18.30	18.30
16+200	18.42	18.30	18.30
16+300	18.42	18.30	18.30
16+400	18.42	18.30	18.30
16+500	18.42	18.30	18.30
16+600	18.42	18.30	18.30
16+700	18.42	18.30	18.30
16+800	18.42	18.30	18.30
16+900	18.42	18.30	18.30
17+000	18.42	18.30	18.30
17+100	18.42	18.30	18.30
17+200	18.42	18.30	18.30
17+300	18.42	18.30	18.30
17+400	18.42	18.30	18.30
17+500	18.42	18.30	18.30
17+600	18.42	18.30	18.30
17+700	18.42	18.30	18.30
17+800	18.42	18.30	18.30
17+900	18.42	18.30	18.30
18+000	18.42	18.30	18.30
18+100	18.42	18.30	18.30
18+200	18.42	18.30	18.30
18+300	18.42	18.30	18.30
18+400	18.42	18.30	18.30
18+500	18.42	18.30	18.30
18+600	18.42	18.30	18.30
18+700	18.42	18.30	18.30
18+800	18.42	18.30	18.30
18+900	18.42	18.30	18.30
19+000	18.42	18.30	18.30
19+100	18.42	18.30	18.30
19+200	18.42	18.30	18.30
19+300	18.42	18.30	18.30
19+400	18.42	18.30	18.30
19+500	18.42	18.30	18.30
19+600	18.42	18.30	18.30
19+700	18.42	18.30	18.30
19+800	18.42	18.30	18.30
19+900	18.42	18.30	18.30
20+000	18.42	18.30	18.30
20+100	18.42	18.30	18.30
20+200	18.42	18.30	18.30
20+300	18.42	18.30	18.30
20+400	18.42	18.30	18.30
20+500	18.42	18.30	18.30
20+600	18.42	18.30	18.30
20+700	18.42	18.30	18.30
20+800	18.42	18.30	18.30
20+900	18.42	18.30	18.30
21+000	18.42	18.30	18.30
21+100	18.42	18.30	18.30
21+200	18.42	18.30	18.30
21+300	18.42	18.30	18.30
21+400	18.42	18.30	18.30
21+500	18.42	18.30	18.30
21+600	18.42	18.30	18.30
21+700	18.42	18.30	18.30
21+800	18.42	18.30	18.30
21+900	18.42	18.30	18.30
22+000	18.42	18.30	18.30
22+100	18.42	18.30	18.30
22+200	18.42	18.30	18.30
22+300	18.42	18.30	18.30
22+400	18.42	18.30	18.30
22+500	18.42	18.30	18.30
22+600	18.42	18.30	18.30
22+700	18.42	18.30	18.30
22+800	18.42	18.30	18.30
22+900	18.42	18.30	18.30
23+000	18.42	18.30	18.30
23+100	18.42	18.30	18.30
23+200	18.42	18.30	18.30
23+300	18.42	18.30	18.30
23+400	18.42	18.30	18.30
23+500	18.42	18.30	18.30
23+600	18.42	18.30	18.30
23+700	18.42	18.30	18.30
23+800	18.42	18.30	18.30
23+900	18.42	18.30	18.30
24+000	18.42	18.30	18.30

SAPANG BAHO RIVER, STA. 0+000 - STA. 14+000

SAPANG BAHO - TRIBUTARY-A STA. 0+000 - STA. 2+000

CONSULTANTS		J I C A		DATE		SIGNATURE		SCALE		DRAWING NO.	
DATE	SIGNATURE	JAPAN INTERNATIONAL COOPERATION AGENCY		DATE	SIGNATURE						
				PROJECT EXPERT				PLAN AND PROFILE		2/2	
				PROJECT EXPERT				SAPANG BAHO, TRIBUTARY-A STA. 0+000 - STA. 2+000		VERTICAL	
								SAPANG BAHO RIVER STA. 0+000 - STA. 14+000		1:1	



STATION NO.	DISTANCE	CUMULATIVE DISTANCE	EXISTING ELEVATION			PROPOSED ELEVATION		
			RIVER BED	LEFT LEVEE	RIGHT LEVEE	RIVER BED	HIGH WATER LEVEL	BANK LEVEL
0+000	0.00	0	13.86	17.99	18.90			
0+200	200.00	200.00	17.40	17.54	17.54			
0+400	400.00	400.00	17.14	17.25	17.25			
0+600	600.00	600.00	17.03	17.41	17.41			
0+800	800.00	800.00	16.92	17.46	17.46			
1+000	1,000.00	1,000.00	16.79	17.60	17.60			
1+200	1,200.00	1,200.00	17.20	17.72	17.72			
1+400	1,400.00	1,400.00	17.51	17.90	17.90			
1+600	1,600.00	1,600.00	17.73	17.95	17.95			
1+800	1,800.00	1,800.00	18.15	18.11	18.11			
2+000	2,000.00	2,000.00	18.54	18.90	18.90			
2+200	2,200.00	2,200.00	18.30	18.30	18.30			
2+400	2,400.00	2,400.00	18.11	18.80	18.80			
2+600	2,600.00	2,600.00	18.13	19.15	19.15			
2+800	2,800.00	2,800.00	18.87	18.91	18.91			
3+000	3,000.00	3,000.00	18.99	18.98	18.98			
3+200	3,200.00	3,200.00	18.92	18.05	18.05			
3+400	3,400.00	3,400.00	17.79	18.90	18.90			
3+600	3,600.00	3,600.00	20.77	20.73	20.73			
3+800	3,800.00	3,800.00	21.90	21.49	21.49			
4+000	4,000.00	4,000.00	22.41	22.03	22.03			
4+200	4,200.00	4,200.00	23.11	22.80	22.80			
4+400	4,400.00	4,400.00	23.77	23.42	23.42			
4+600	4,600.00	4,600.00	25.90	24.70	24.70			
4+800	4,800.00	4,800.00	25.91	24.85	24.85			
5+000	5,000.00	5,000.00	25.97	25.70	25.70			
6+000	6,000.00	6,000.00	23.24	23.10	23.10			

SAPANG BAHU RIVER, TRIBUTARY - B, STA. 0+000 - STA. 5+000

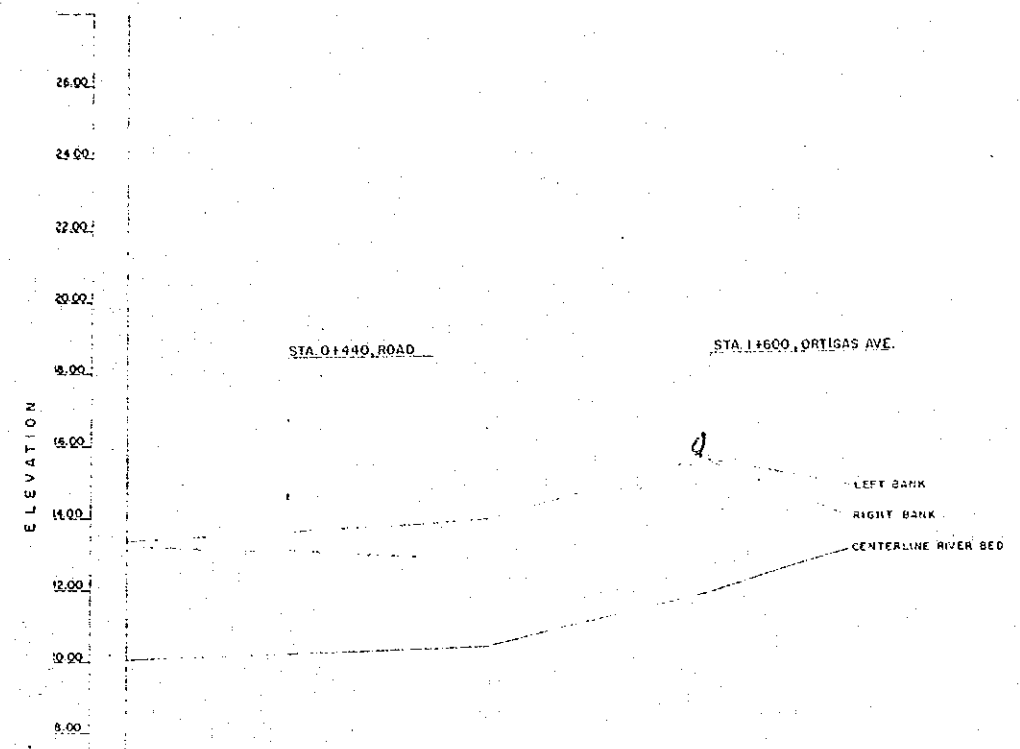
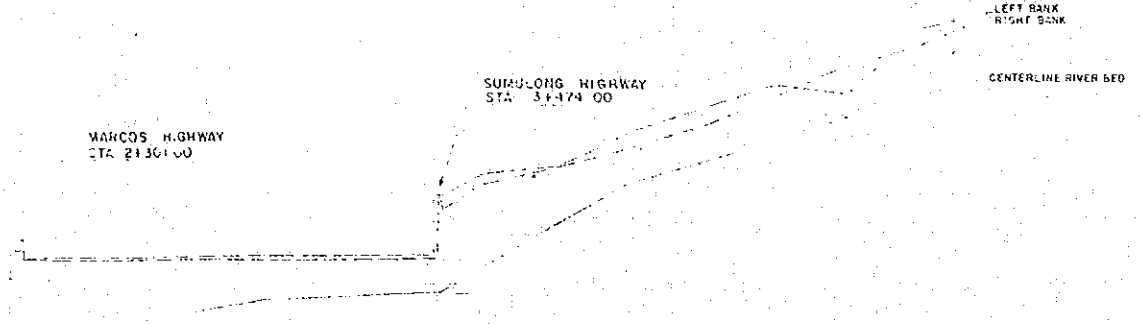
ACRE SURVEYING & DEV.

CONSULTANTS
 SURVEYED BY
 CHECKED BY
 PROJECT MANAGER

J I C A
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

PROJECT EXPERT
 PROJECT LEADER

DATE SIGNATURE
 DATE SIGNATURE

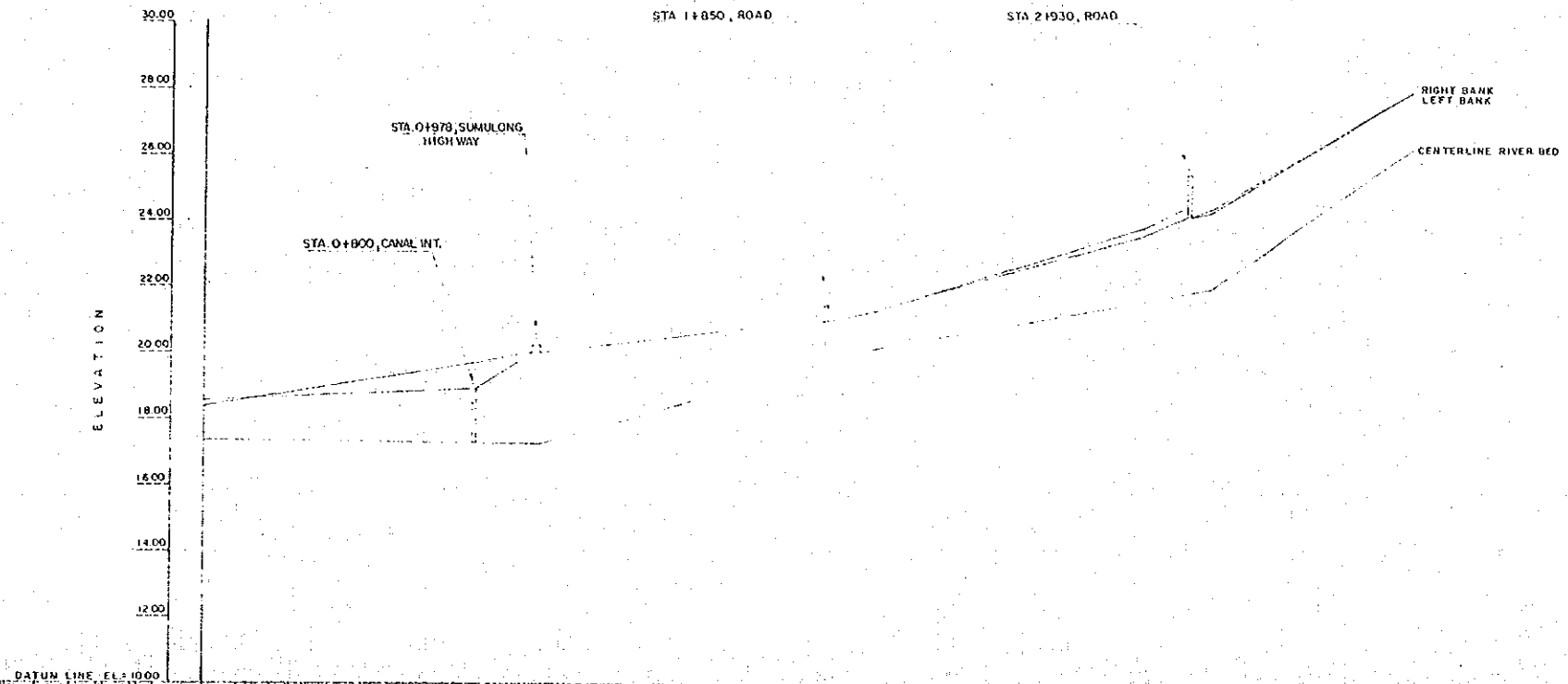


STATION	RIGHT BANK	CENTERLINE RIVER BED	LEFT BANK
1+000	16.60	16.60	17.60
1+200	17.20	17.20	17.72
1+400	17.51	17.51	17.90
1+600	17.75	17.75	17.96
1+800	18.15	18.15	18.11
2+000	18.54	18.54	18.50
2+200	18.35	18.35	18.35
2+400	18.23	18.23	18.23
2+600	18.27	18.27	18.27
2+800	18.89	18.89	18.98
3+000	18.50	18.50	19.03
3+200	18.75	18.75	19.05
3+400	19.10	19.10	19.15
3+600	20.10	20.10	20.15
3+800	21.50	21.50	21.45
4+000	22.45	22.45	22.05
4+200	23.11	23.11	22.60
4+400	23.77	23.77	23.45
4+600	23.90	23.90	24.30
4+800	23.51	23.51	24.05
5+000	23.97	23.97	25.70
0+400	10.04	10.04	10.19
0+600	10.44	10.44	10.10
0+800	10.88	10.88	10.00
1+000	11.20	11.20	10.00
1+200	11.56	11.56	10.00
1+400	11.84	11.84	10.00
1+600	12.04	12.04	10.00
1+800	12.14	12.14	10.00
2+000	12.14	12.14	10.00
2+200	12.14	12.14	10.00
2+400	12.14	12.14	10.00
2+600	12.14	12.14	10.00
2+800	12.14	12.14	10.00
3+000	12.14	12.14	10.00
3+200	12.14	12.14	10.00
3+400	12.14	12.14	10.00
3+600	12.14	12.14	10.00
3+800	12.14	12.14	10.00
4+000	12.14	12.14	10.00
4+200	12.14	12.14	10.00
4+400	12.14	12.14	10.00
4+600	12.14	12.14	10.00
4+800	12.14	12.14	10.00
5+000	12.14	12.14	10.00

SAPANG BAHU RIVER, TRIBUTARY - B, STA. 0+000 - STA. 5+000

SAPANG BULI, STA. 0+000 - STA. 2+000

CONSULTANTS		J C A		DATE		SIGNATURE		SCALE		DRWG. NO.	
SIGNATURE		JAPAN INTERNATIONAL COOPERATION AGENCY		PROJECT LEADER		DATE		SIGNATURE		HORIZONTAL 1:10,000	
										VERTICAL 1:100	
										E-1	
										PLAN AND PROFILE	
										SAPANG BAHU, TRIBUTARY - B, STA. 0+000 - STA. 5+000	



STATION NO.	PROPOSED ELEVATION			EXISTING ELEVATION												
	RIVER BED	BANK LEVEL	HIGH WATER LEVEL	RIVER BED	RIGHT LEVEL	LEFT LEVEL										
0+000	17.5	18.5	18.5	17.5	18.5	18.5										
0+200	18.0	19.0	19.0	18.0	19.0	19.0										
0+400	18.5	19.5	19.5	18.5	19.5	19.5										
0+600	19.0	20.0	20.0	19.0	20.0	20.0										
0+800	19.5	20.5	20.5	19.5	20.5	20.5										
1+000	20.0	21.0	21.0	20.0	21.0	21.0										
1+200	20.5	21.5	21.5	20.5	21.5	21.5										
1+400	21.0	22.0	22.0	21.0	22.0	22.0										
1+600	21.5	22.5	22.5	21.5	22.5	22.5										
1+800	22.0	23.0	23.0	22.0	23.0	23.0										
2+000	23.0	24.0	24.0	23.0	24.0	24.0										
2+200	24.0	25.0	25.0	24.0	25.0	25.0										
2+400	25.0	26.0	26.0	25.0	26.0	26.0										
2+600	26.0	27.0	27.0	26.0	27.0	27.0										
2+800	27.0	28.0	28.0	27.0	28.0	28.0										
2+900	28.0	29.0	29.0	28.0	29.0	29.0										
CUMULATIVE DISTANCE	0.00	200.00	400.00	600.00	800.00	1000.00	1200.00	1400.00	1600.00	1800.00	2000.00	2200.00	2400.00	2600.00	2800.00	2900.00
DISTANCE	0.00	200.00	400.00	600.00	800.00	1000.00	1200.00	1400.00	1600.00	1800.00	2000.00	2200.00	2400.00	2600.00	2800.00	2900.00

ACRE SURVEYING & DEV.

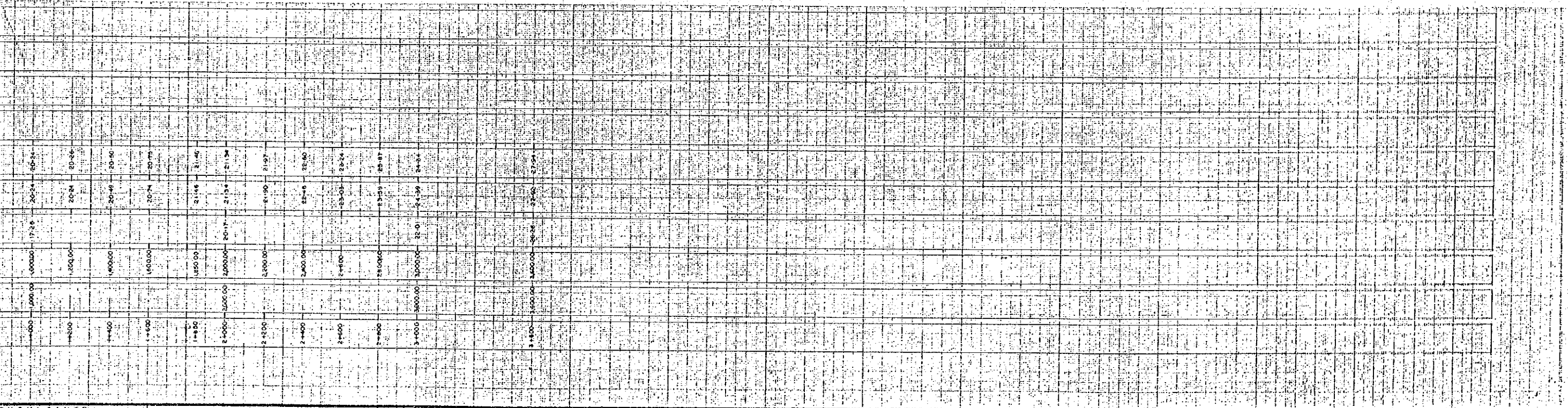
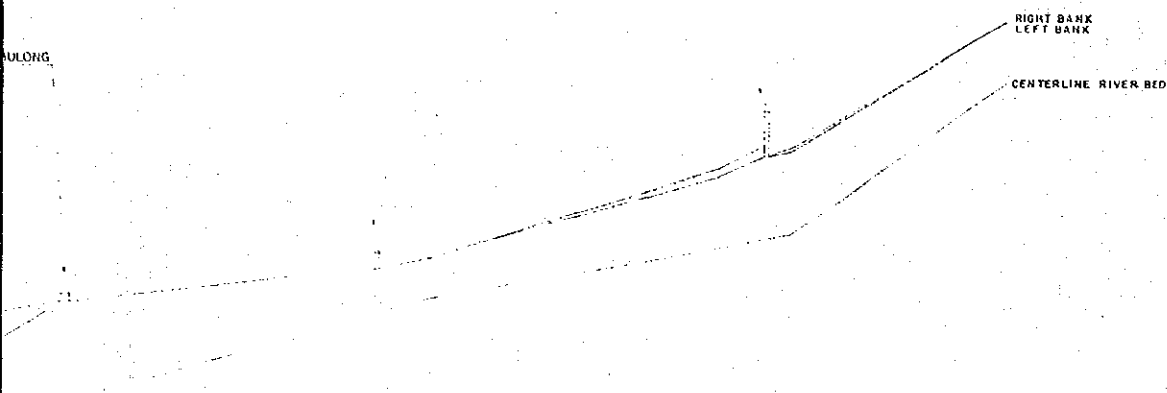
CONSULTANTS		
	DATE	SIGNATURE
SURVEYED BY		
CHECKED BY		
PROJECT MANAGER		

JAPAN INTERNATIONAL COOPERATION AGENCY

C A		
	DATE	SIGNATURE
PROJECT EXPERT		
PROJECT LEADER		

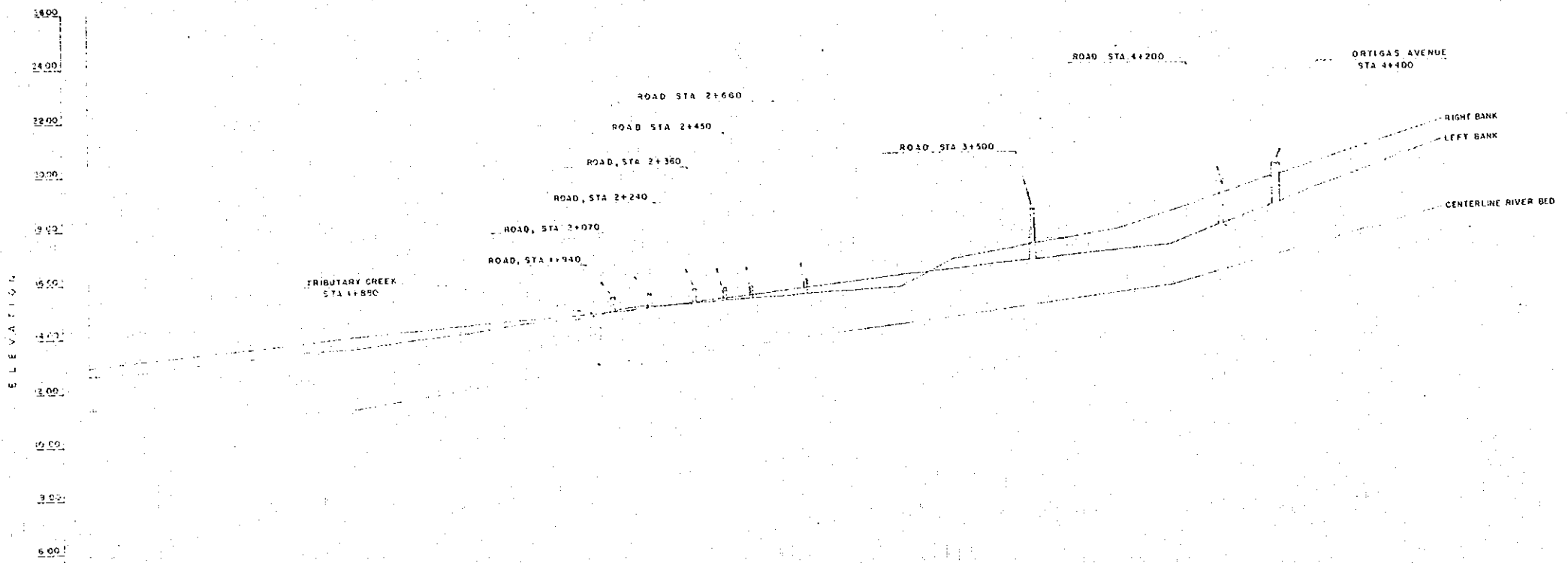
STA 1+850, ROAD

STA 2+930, ROAD



CONSULTANTS		J	C A		DATE		SIGNATURE		SCALE	DRWG. NO.
DATE	SIGNATURE	JAPAN INTERNATIONAL COOPERATION AGENCY		PROJECT EXPERT	DATE	SIGNATURE		HORIZONTAL 1:10,000	1/2"	
				PROJECT LEADER				VERTICAL 1:100		

PLAN AND PROFILE
 SAPANG BAHU TRIBUTARY - C STA 1+04+000 - STA 1+11+000

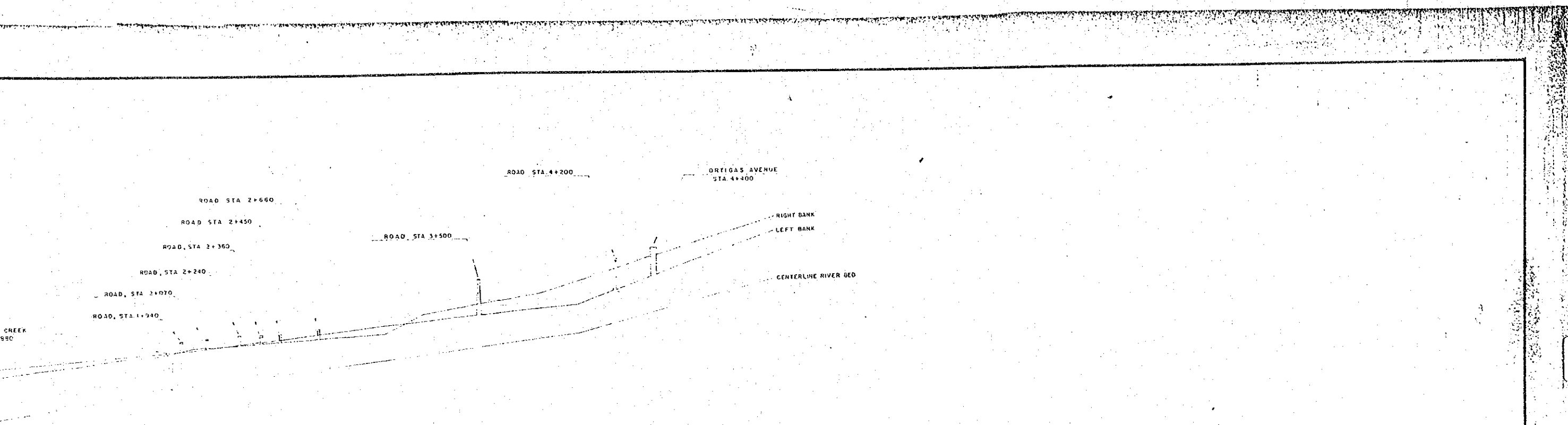


STATION NO.	EXISTING ELEVATION		PROPOSED ELEVATION	
	RIVER BED	LEFT LEVEE	RIVER BED	HIGH WATER LEVEL
0+000	11.26	12.85	12.35	
0+200		13.10	12.70	
0+400		13.37	12.96	
0+600		13.53	13.15	
0+800		13.74	13.40	
1+000	11.28	13.92	13.51	
1+200		14.12	13.76	
1+400	14.30	14.30	14.01	
1+600	14.47	14.47	14.30	
1+800	14.64	14.64	14.47	
2+000	14.81	14.81	14.63	
2+200	15.05	15.05	14.91	
2+400	15.25	15.25	15.30	
2+600	15.54	15.54	15.70	
2+800	15.78	15.78	16.00	
3+000	16.00	16.00	16.25	
3+200	16.16	16.16	16.51	
3+400	16.30	16.30	16.77	
3+600	16.43	16.43	17.00	
3+800	16.57	16.57	17.20	
4+000	16.70	16.70	17.37	
4+200	16.82	16.82	17.51	
4+400	16.94	16.94	17.62	
4+600	17.05	17.05	17.70	
4+800	17.16	17.16	17.76	
5+000	17.26	17.26	17.80	
5+200	17.35	17.35	17.82	
5+400	17.44	17.44	17.83	
5+600	17.52	17.52	17.83	
5+800	17.59	17.59	17.82	
6+000	17.65	17.65	17.80	
6+200	17.70	17.70	17.76	
6+400	17.74	17.74	17.70	
6+600	17.77	17.77	17.62	
6+800	17.79	17.79	17.51	
7+000	17.80	17.80	17.37	
7+200	17.80	17.80	17.20	
7+400	17.79	17.79	17.00	
7+600	17.76	17.76	16.77	
7+800	17.70	17.70	16.51	
8+000	17.62	17.62	16.25	
8+200	17.51	17.51	16.00	
8+400	17.37	17.37	15.76	
8+600	17.20	17.20	15.54	
8+800	17.00	17.00	15.34	
9+000	16.76	16.76	15.19	
9+200	16.51	16.51	15.10	
9+400	16.25	16.25	15.00	
9+600	16.00	16.00	14.83	
9+800	15.76	15.76	14.69	
10+000	15.54	15.54	14.51	
10+200	15.34	15.34	14.28	
10+400	15.19	15.19	14.01	
10+600	15.00	15.00	13.69	
10+800	14.83	14.83	13.33	
11+000	14.69	14.69	12.94	
11+200	14.51	14.51	12.51	
11+400	14.34	14.34	12.05	
11+600	14.19	14.19	11.56	
11+800	14.01	14.01	11.04	
12+000	13.80	13.80	10.49	
12+200	13.56	13.56	9.92	
12+400	13.29	13.29	9.33	
12+600	13.00	13.00	8.72	
12+800	12.69	12.69	8.09	
13+000	12.35	12.35	7.44	
13+200	12.00	12.00	6.77	
13+400	11.63	11.63	6.08	
13+600	11.24	11.24	5.37	
13+800	10.83	10.83	4.64	
14+000	10.40	10.40	3.89	
14+200	9.95	9.95	3.12	
14+400	9.48	9.48	2.34	
14+600	9.00	9.00	1.54	
14+800	8.50	8.50	0.72	
15+000	8.00	8.00	0.00	

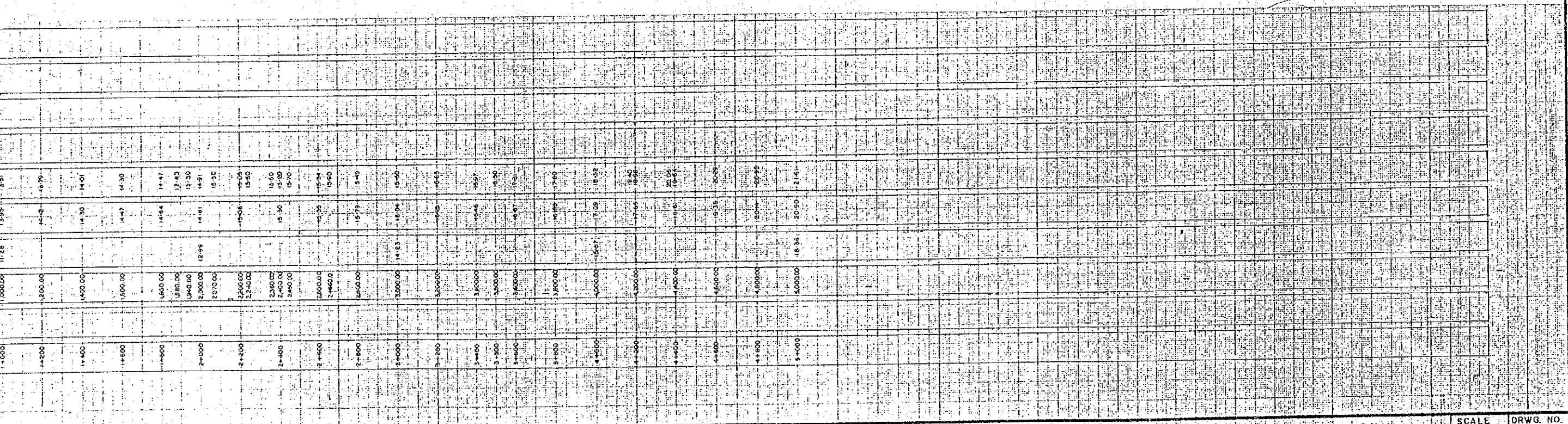
ACRE SURVEYING & DEV.

CONSULTANTS		
	DATE	SIGNATURE
SURVEYED BY:		
CHECKED BY:		
PROJECT MANAGER		

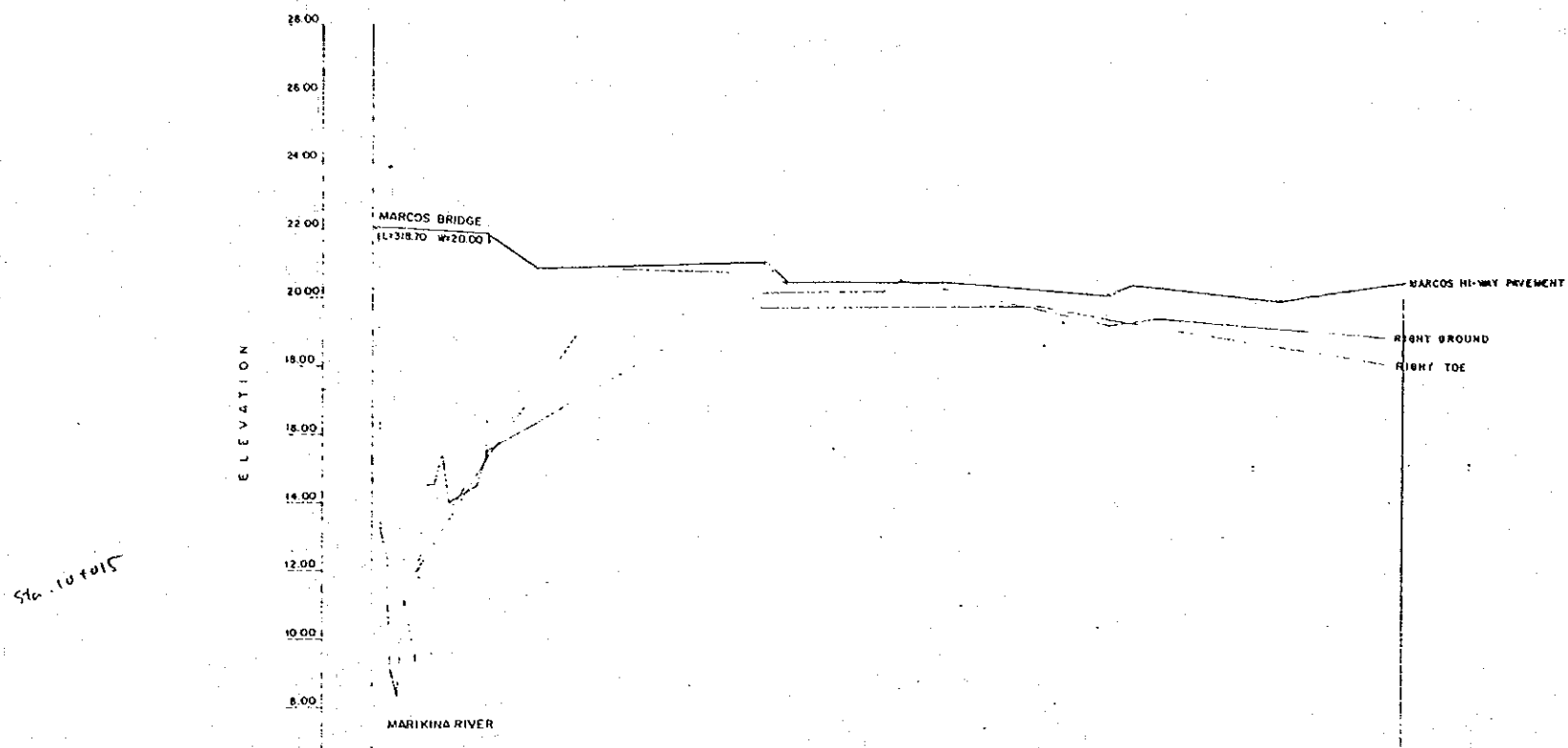
JAPAN INTERNATIONAL COOPERATION AGENCY



K
V
6



DESIGNER'S SIGNATURE		JAPAN INTERNATIONAL COOPERATION AGENCY	PROJECT TITLE	SCALE	DRWG. NO.
NAME	SIGNATURE				
			PLAN AND PROFILE MAHARA CREEK STA. 0+000-STA. 5+000	HORIZONTAL 1:10,000 VERTICAL 1:100	71



PROPOSED ELEVATION																
MARCOS HIGHWAY	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870
RIGHT TOE PROFILE	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870
RIGHT GROUND PROFILE	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870	11.31870
CUMULATIVE DISTANCE	0.00	11.31870	22.63740	33.95610	45.27480	56.59350	67.91220	79.23090	90.54960	101.86830	113.18700	124.50570	135.82440	147.14310	158.46180	169.78050
DISTANCE	0.00	11.31870	22.63740	33.95610	45.27480	56.59350	67.91220	79.23090	90.54960	101.86830	113.18700	124.50570	135.82440	147.14310	158.46180	169.78050
STATION NO.	0+00.00	0+11.32	0+22.64	0+33.96	0+45.27	0+56.59	0+67.91	0+79.23	0+90.55	0+101.87	0+113.19	0+124.51	0+135.82	0+147.14	0+158.46	0+169.78

W ACRE SURVEYING & DEV.

CONSULTANTS	
DATE	SIGNATURE

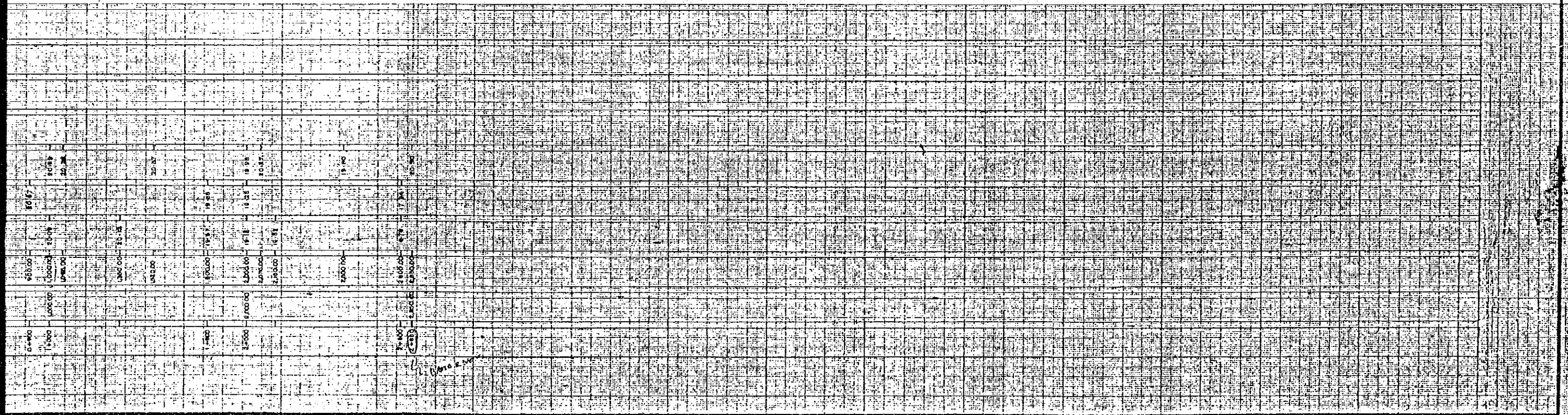
JAPAN INTERNATIONAL
COOPERATION AGENCY

C. A.	
DATE	SIGNATURE

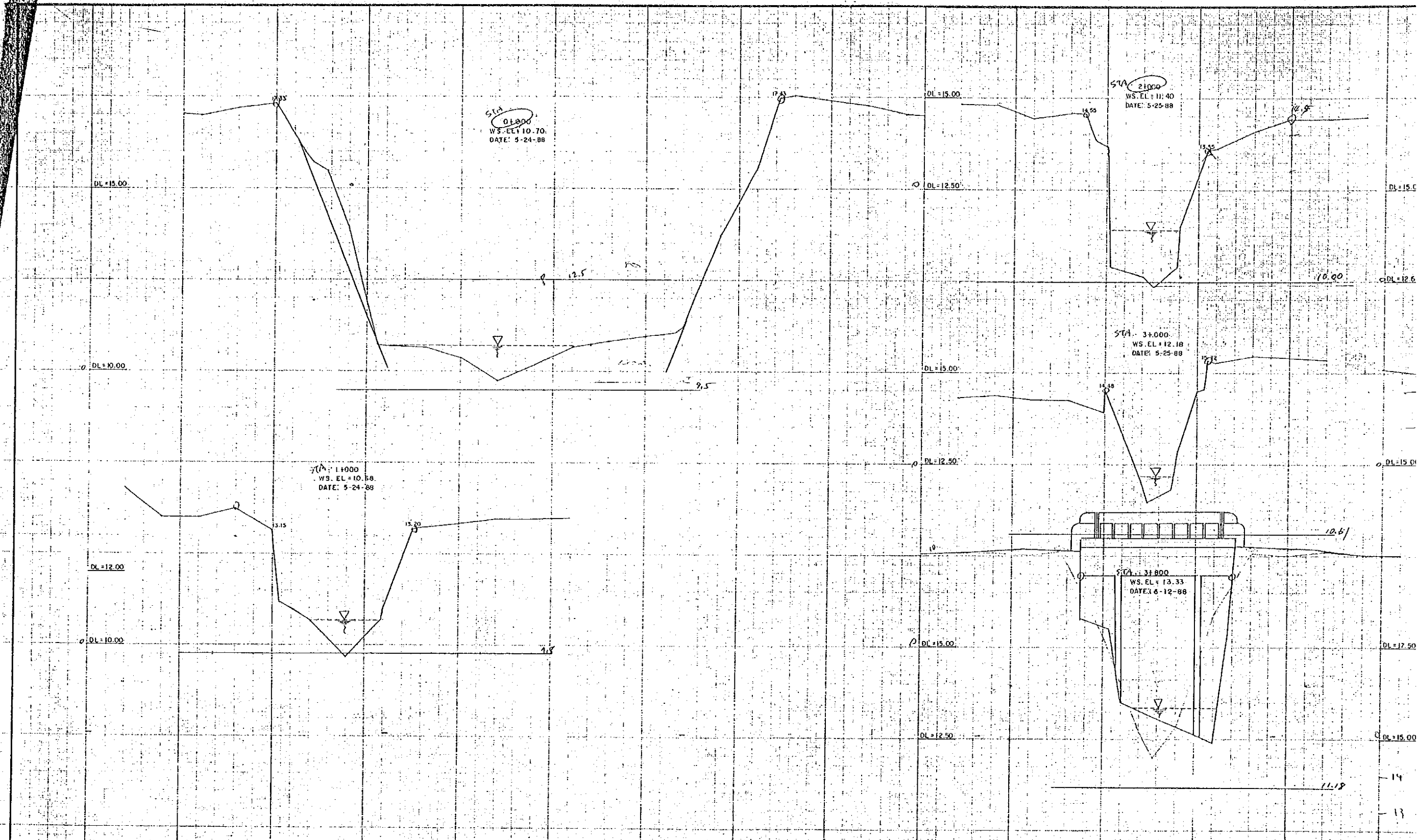
MARCOS HI-WAY PAVEMENT

RIGHT OF WAY

RIGHT TOE



PLANT'S SIGNATURE		DATE		SIGNATURE		SCALE		DRWG. NO.	
JAPAN INTERNATIONAL COOPERATION AGENCY		PROJECT EXPERT		PROJECT LEADER		HORIZONTAL 1:10,000		VERTICAL 1:100	
PROJECT NO. 1010		MARCOS HIGHWAY		STA. 10116.72 - STA. 21450		FLOW SB PROFILE			



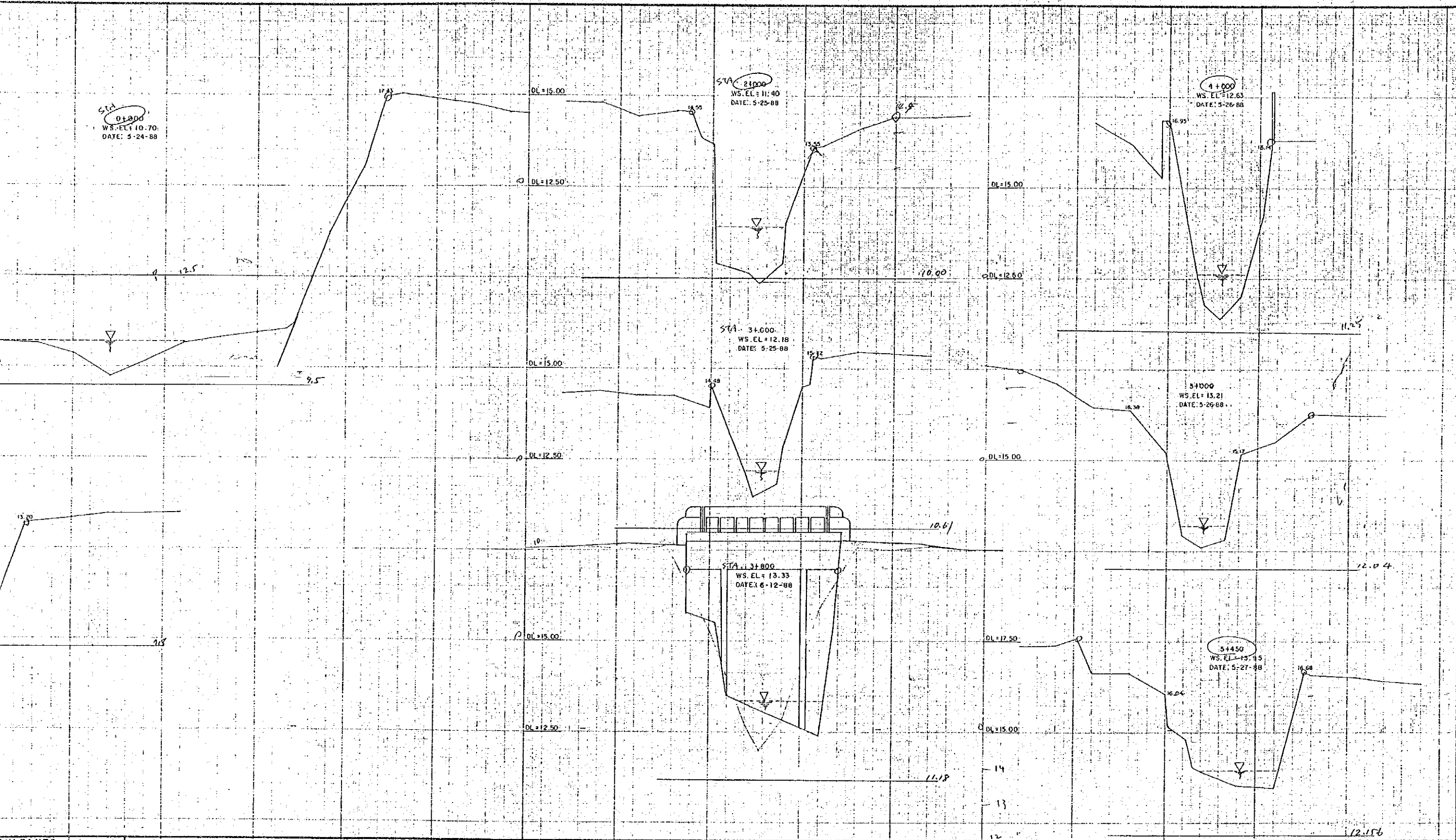
ACRE SURVEYING & DEV.

CONSULTANTS		
	DATE	SIGNATURE
SURVEYED BY:		
CHECKED BY:		
PROJECT MANAGER:		

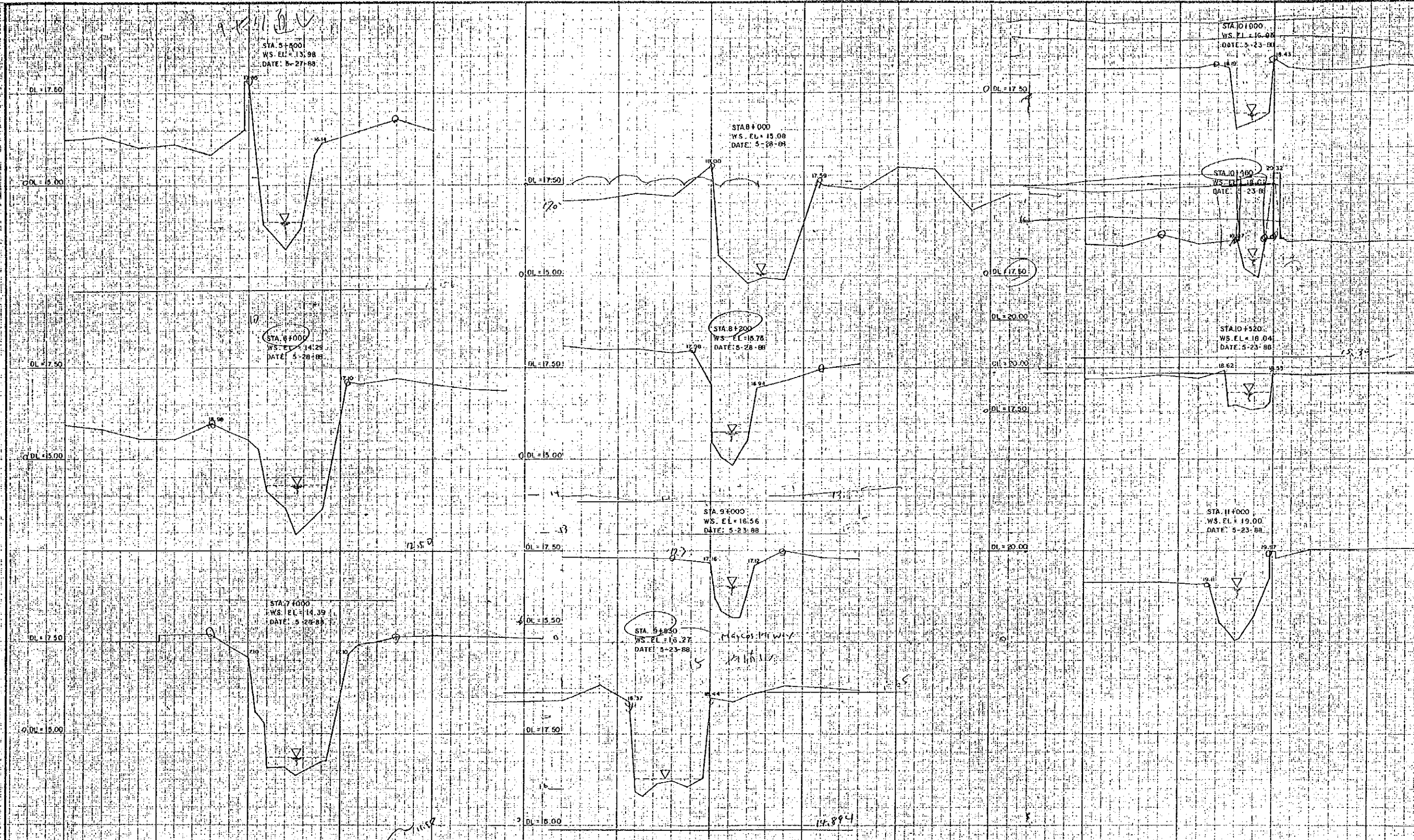
JAPAN INTERNATIONAL COOPERATION AGENCY


J C A		
	DATE	SIGNATURE
PROJECT EXPERT		
PROJECT LEADER		

98



CONSULTANTS		J C A		DATE		SIGNATURE		SCALE		DRWS. NO.	
DATE	SIGNATURE	PROJECT EXPERT	PROJECT LEADER					HORIZONTAL	1:250	12.7	
								VERTICAL	1:50	17.3	
JAPAN INTERNATIONAL COOPERATION AGENCY								CROSS SECTION SAPANG BAHU RIVER STA. 0+000 - STA. 5+450			



 **ACRE SURVEYING & DEV.**

CONSULTANTS		
	DATE	SIGNATURE
SURVEYED BY:		
CHECKED BY:		
PROJECT MANAGER:		

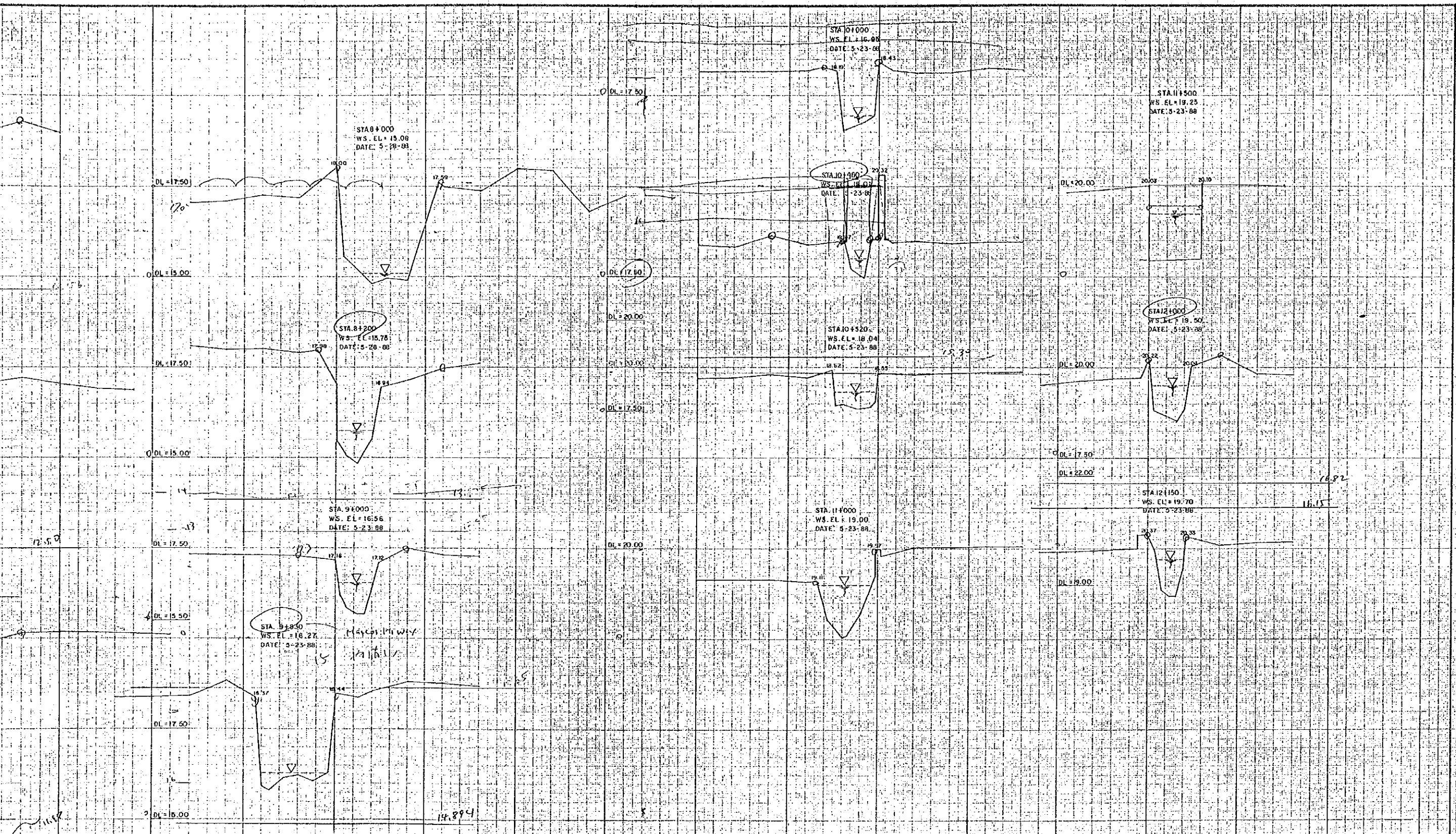
JAPAN INTERNATIONAL COOPERATION AGENCY

JICA		
	DATE	SIGNATURE
PROJECT EXPERT		
PROJECT LEADER		

Masterpiece
Printed in Japan

Masterpiece
Printed in Japan

169 15-5-88



SULTANATS DATE SIGNATURE		JICA		SCALE		DRWG. NO.	
PROJECT EXPERT		DATE		HORIZONTAL		2/3	
PROJECT LEADER		SIGNATURE		VERTICAL			

JAPAN INTERNATIONAL
COOPERATION AGENCY

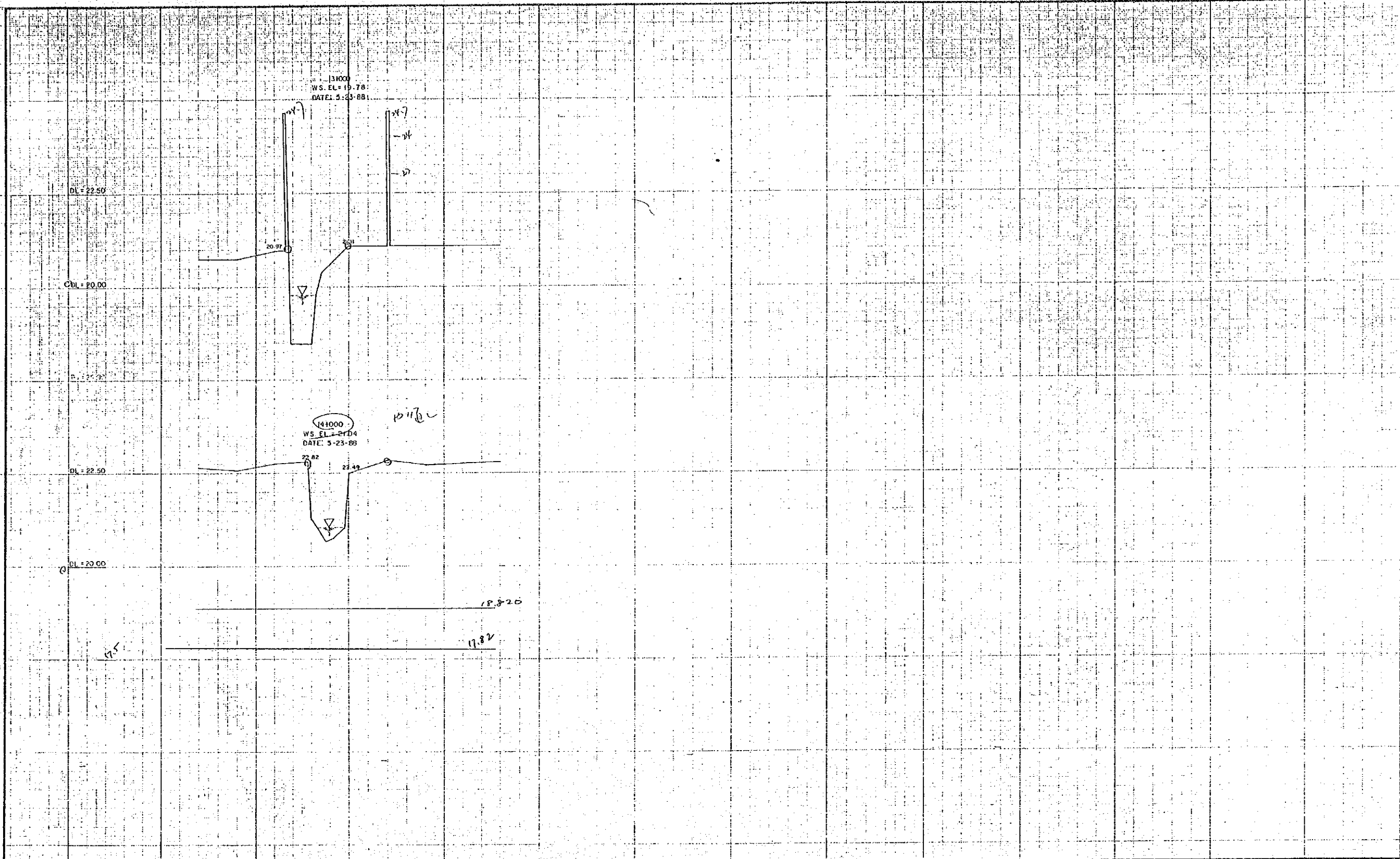
PROJECT EXPERT
PROJECT LEADER


CROSS SECTION
SAPANG BAHU RIVER STA. 8+500 - STA. 12+150

SCALE
HORIZONTAL 1:250
VERTICAL 1:50
DRWG. NO. 2/3

Masterpiece
Printed in Japan

Masterpiece
Printed in Japan

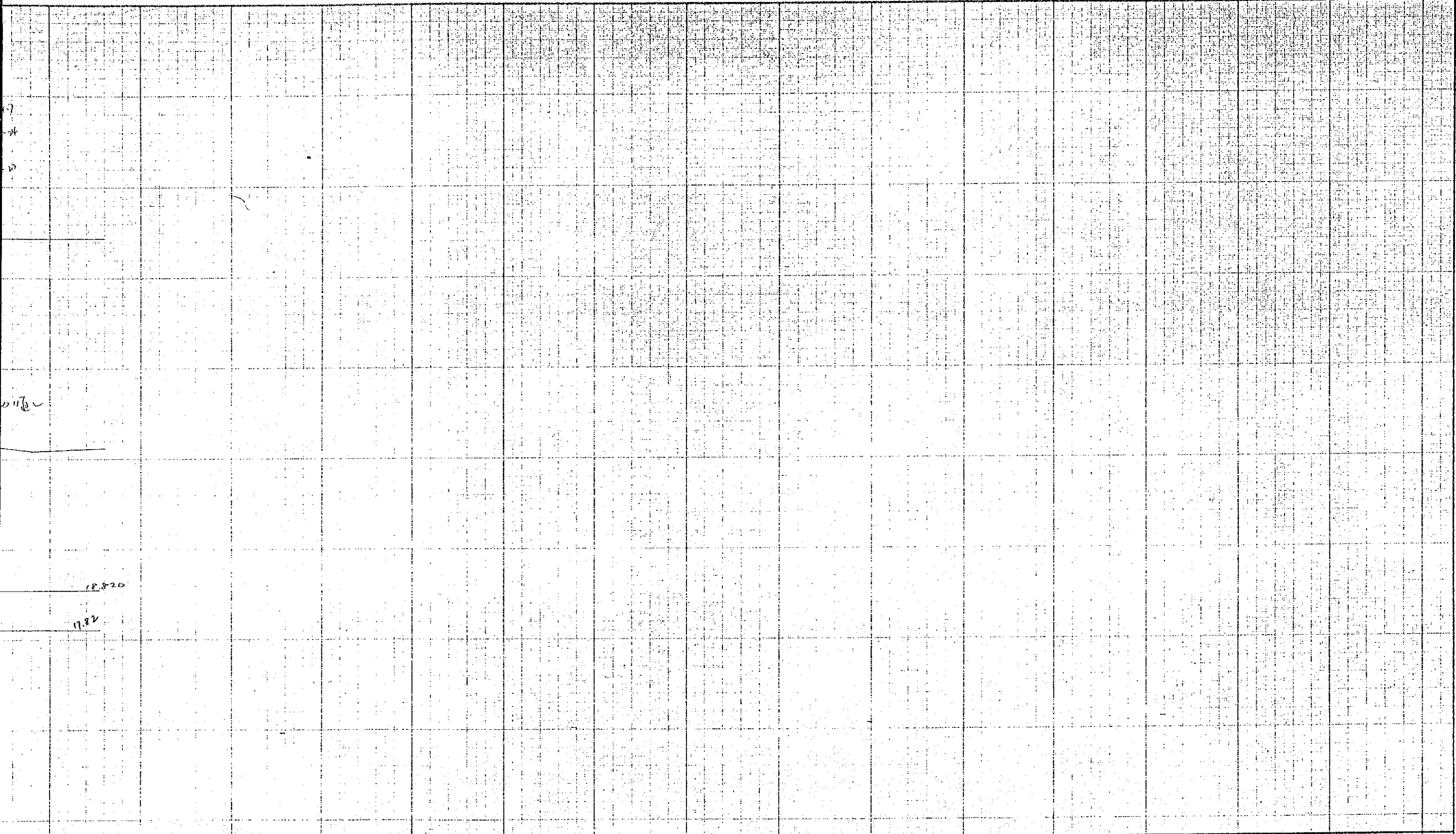


 **ACRE SURVEYING & DEV.**

	CONSULTANTS	
	DATE	SIGNATURE
SURVEYED BY:		
CHECKED BY:		
PROJECT MANAGER		

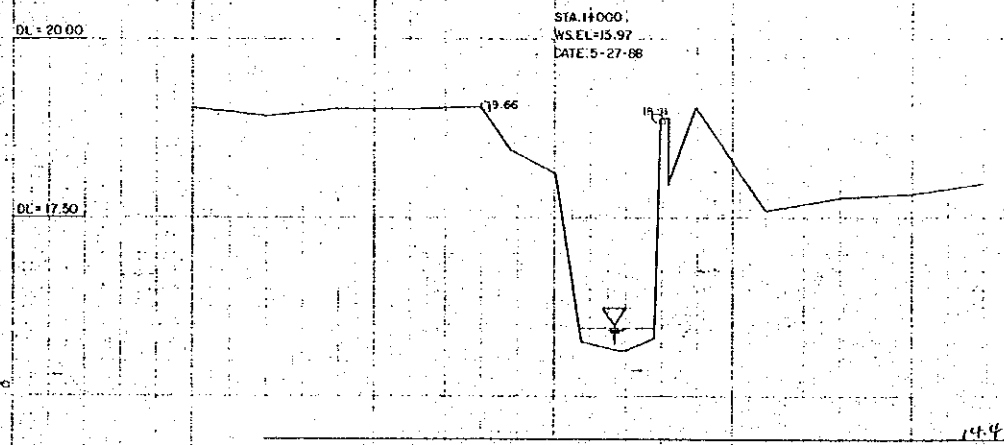
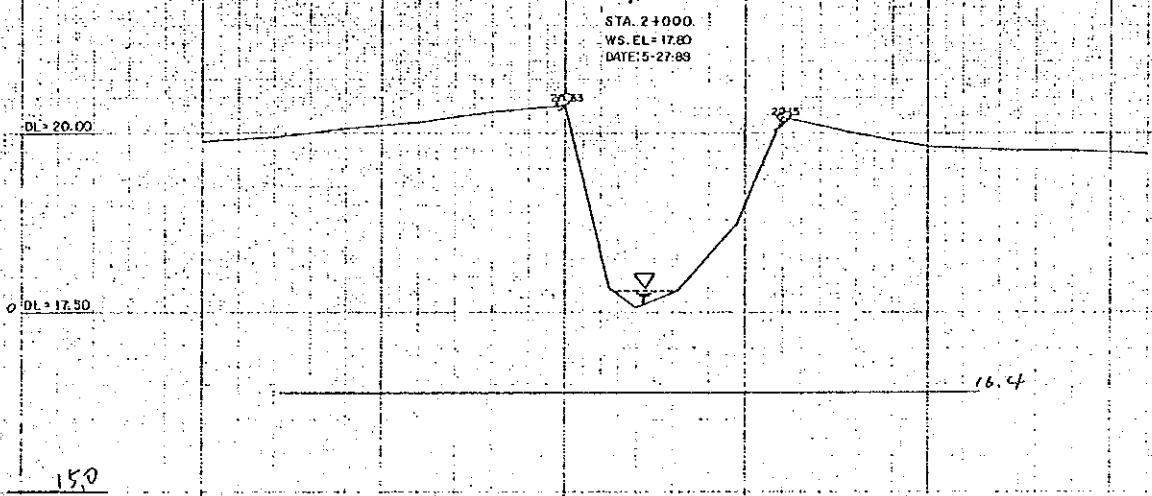
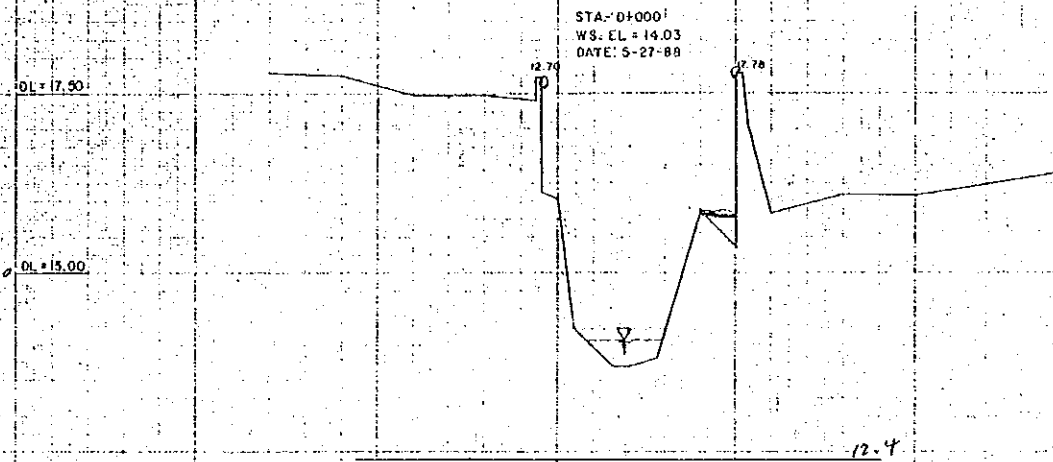
JAPAN INTERNATIONAL
COOPERATION AGENCY

	JICA	
	DATE	SIGNATURE
PROJECT EXPERT		
PROJECT LEADER		



18.820
17.82

CONSULTANTS		J I C A		SCALE		DRWG. NO.	
SIGNATURE		PROJECT EXPERT	DATE	SIGNATURE		HORIZONTAL	
		PROJECT LEADER				1:250	
						VERTICAL	
						1:50	
JAPAN INTERNATIONAL COOPERATION AGENCY		CROSS SECTION:				3/3	
		SAPAN <u>BAH</u> RIVER				STA. 13+000 — STA. 14+000	



ACRE SURVEYING & DEV.

CONSULTANTS	
DATE	SIGNATURE

JARAN INTERNATIONAL
COOPERATION AGENCY

C A	
DATE	SIGNATURE

101