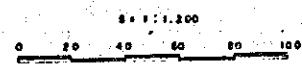
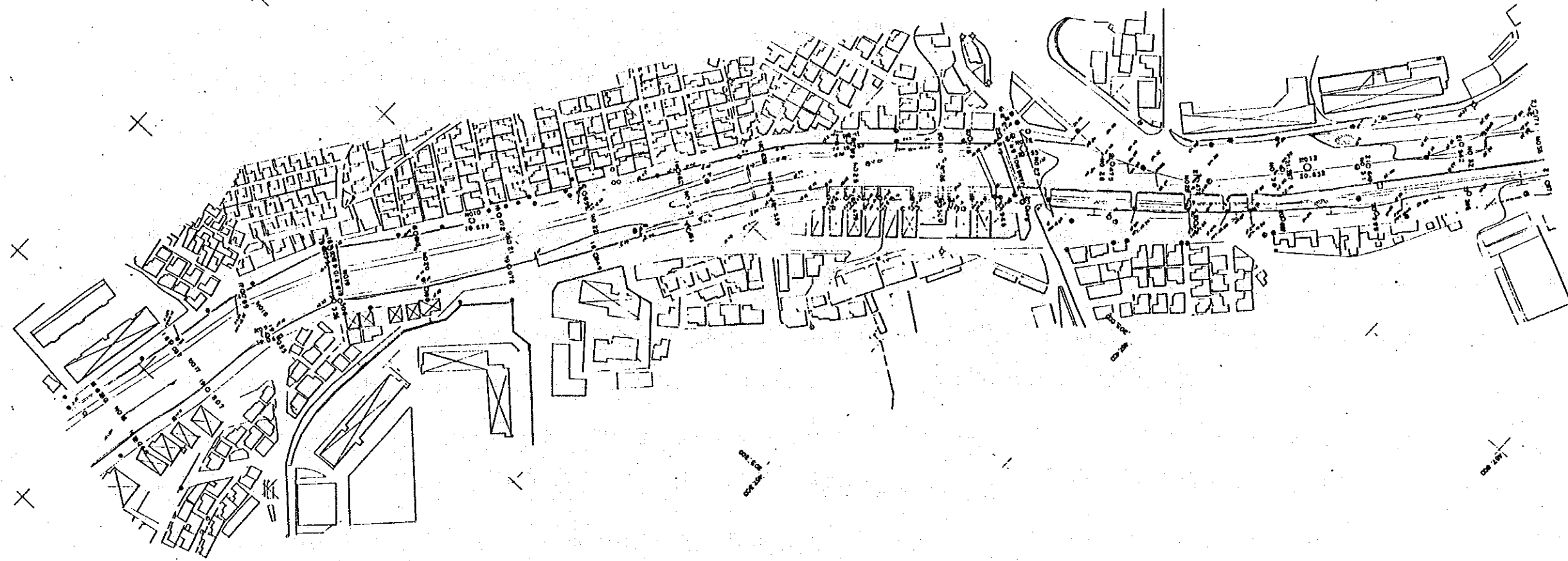
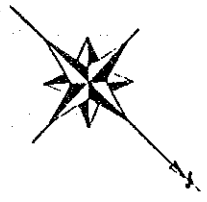
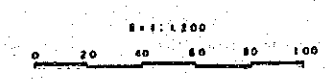
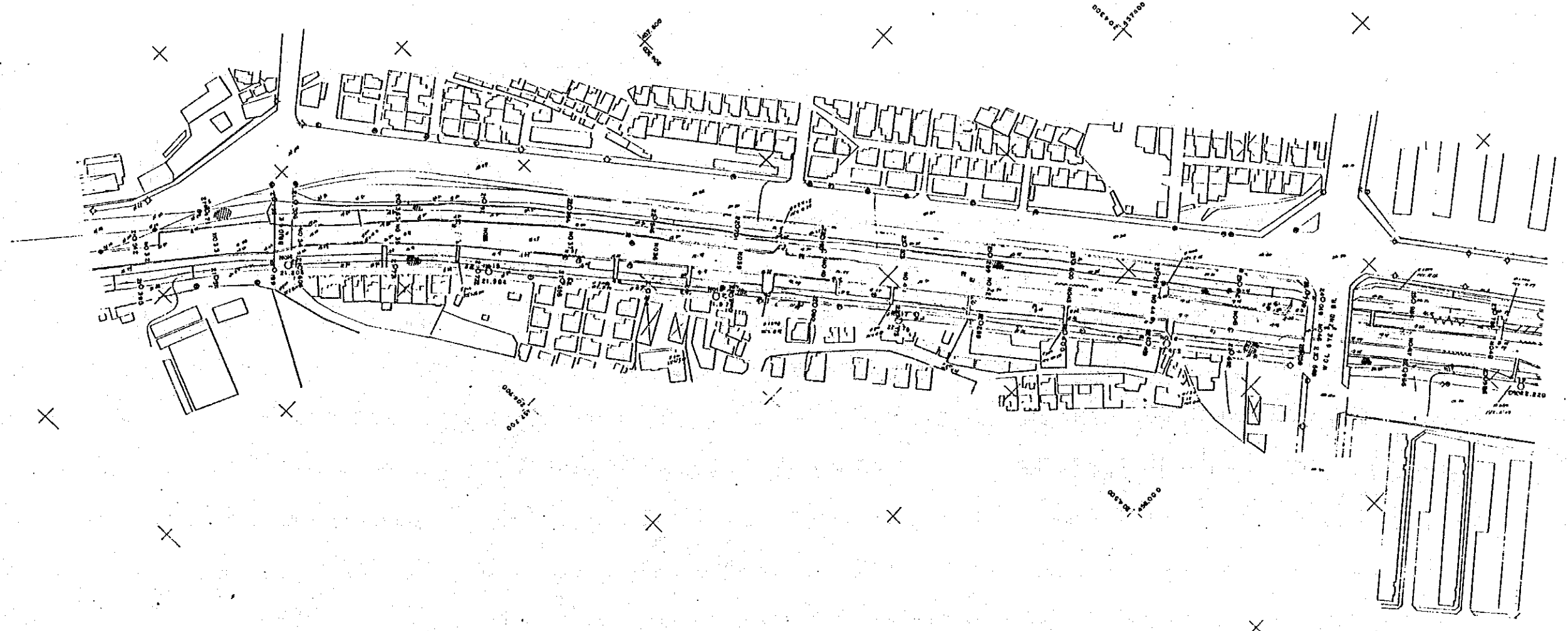
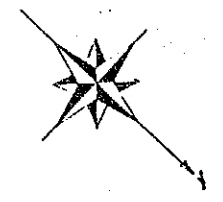


LEGEND	FIG
	UT I
	SOURCE : JCA STUDY TEAM
	SCALE : AS SHOWN
DATE OF DRAWING : 1990. 12. 31	
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	

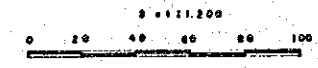
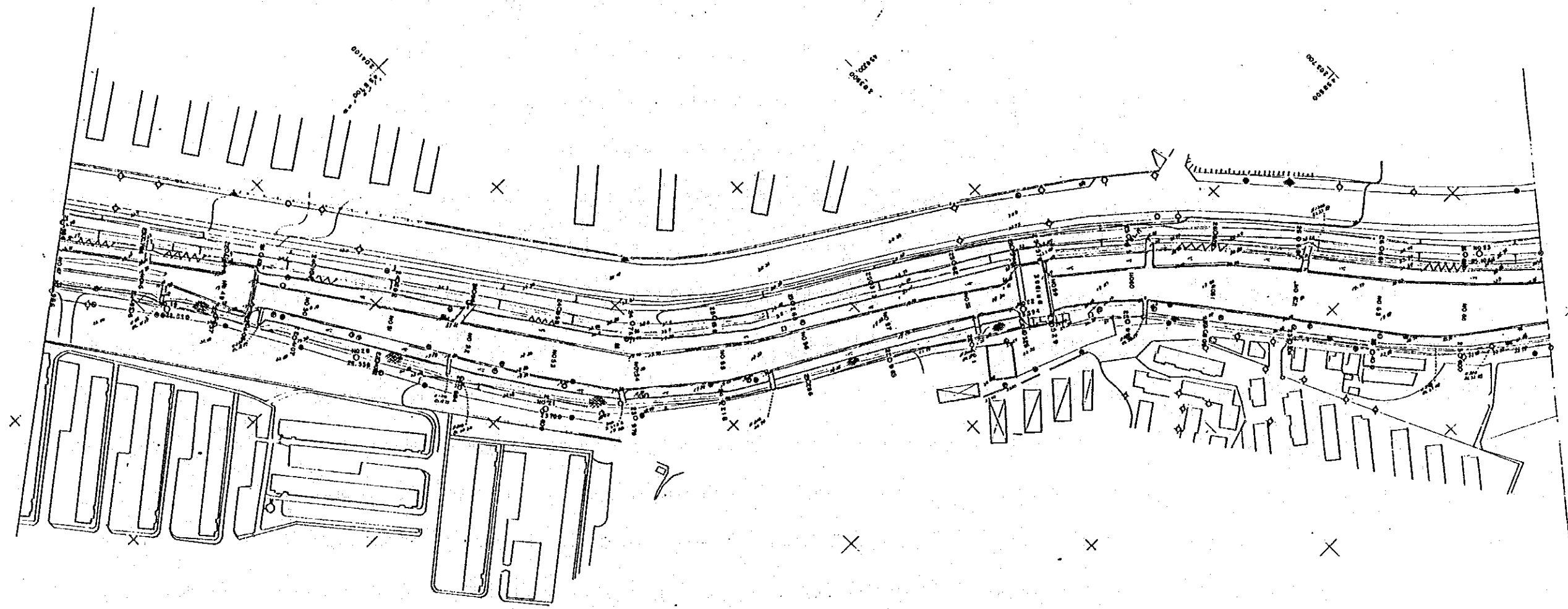
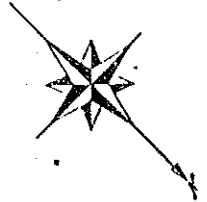
13
 午耳川平面图
 2



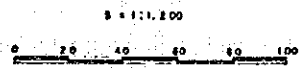
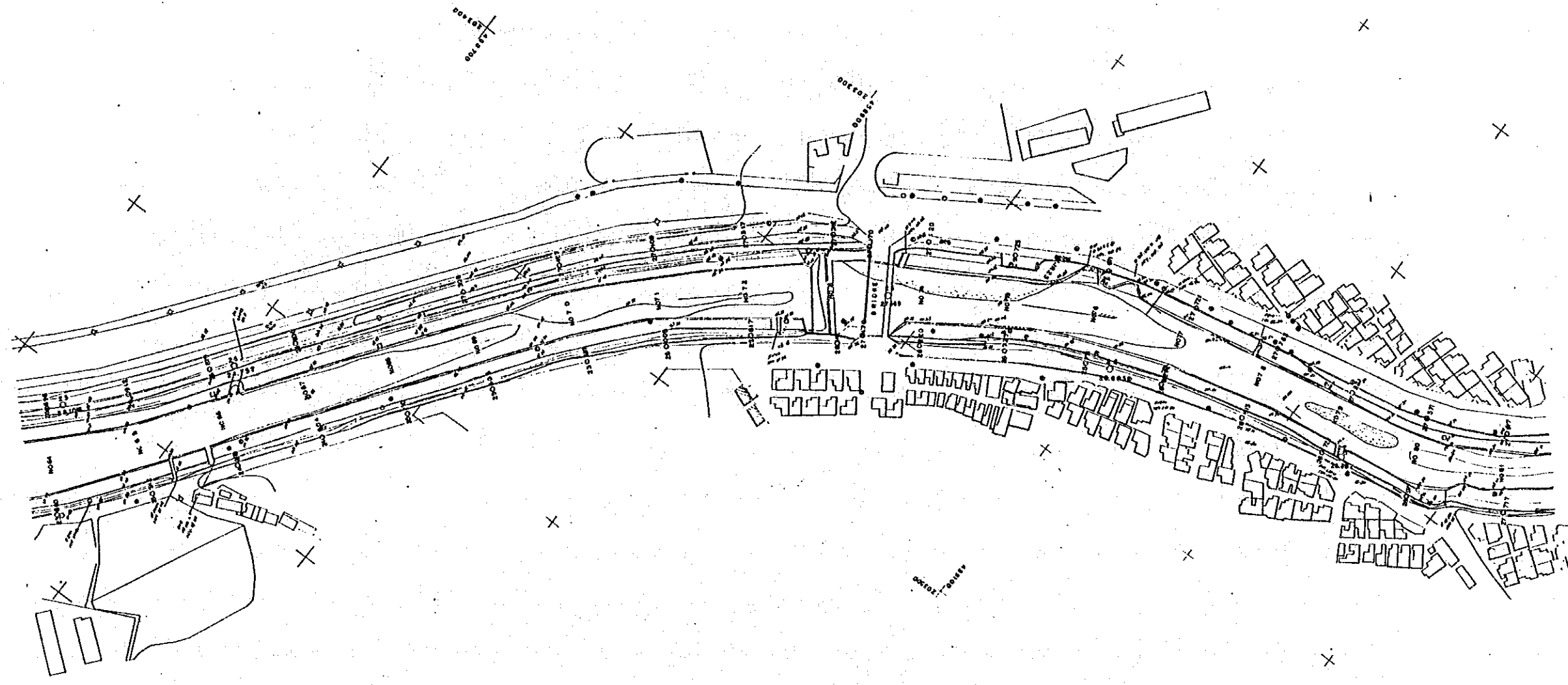
LEGEND	FIG :
	UT 2
	SOURCE : JKCA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1980.12.31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



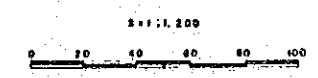
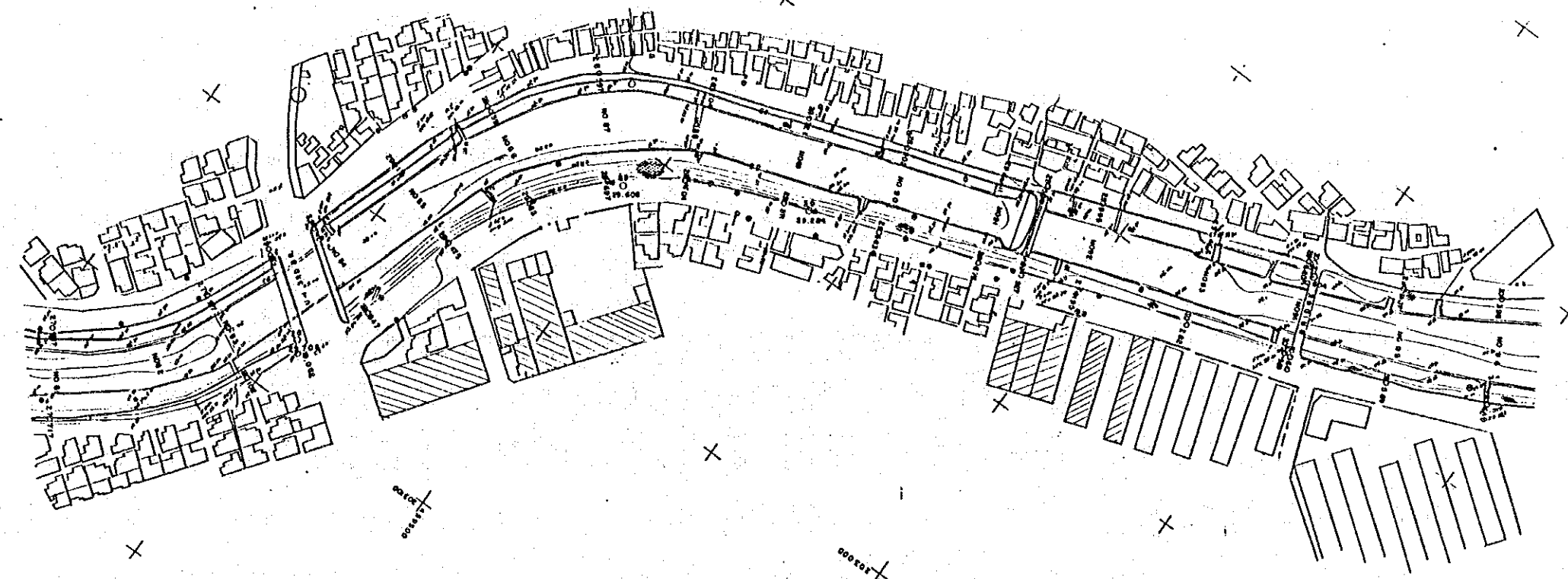
LEGEND	FIG
	U.T. 3
SOURCE	JICA STUDY TEAM
SCALE	AS SHOWN
DATE OF DRAWING	1990. 12. 31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



LEGEND	FIG.
	UT 4
	SOURCE : JICA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1990. 12. 31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	

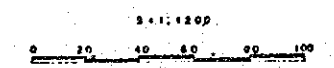
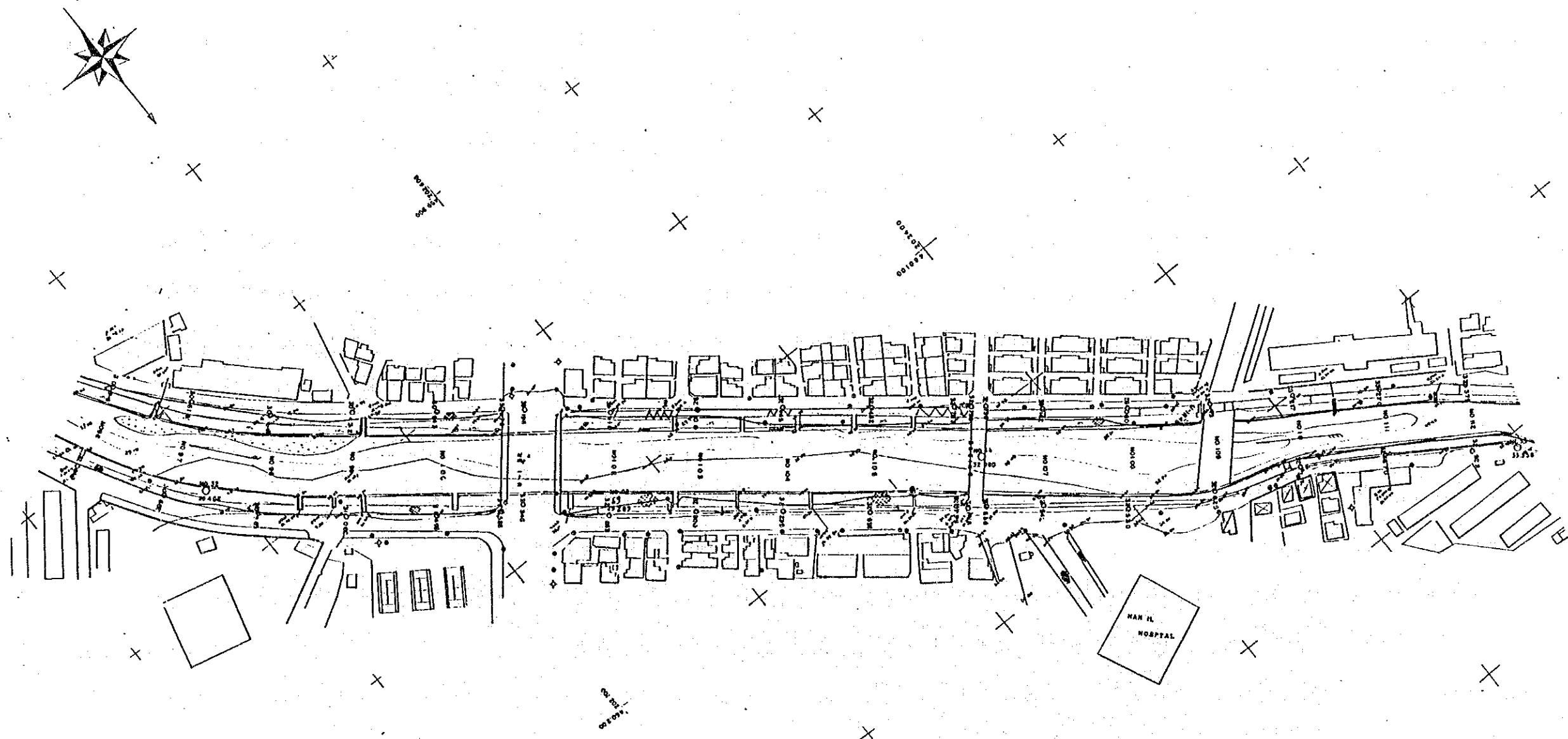


LEGEND	FIG :
	UT 5
	SOURCE : JKCA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1990. 12. 31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	

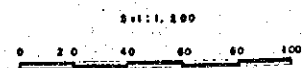
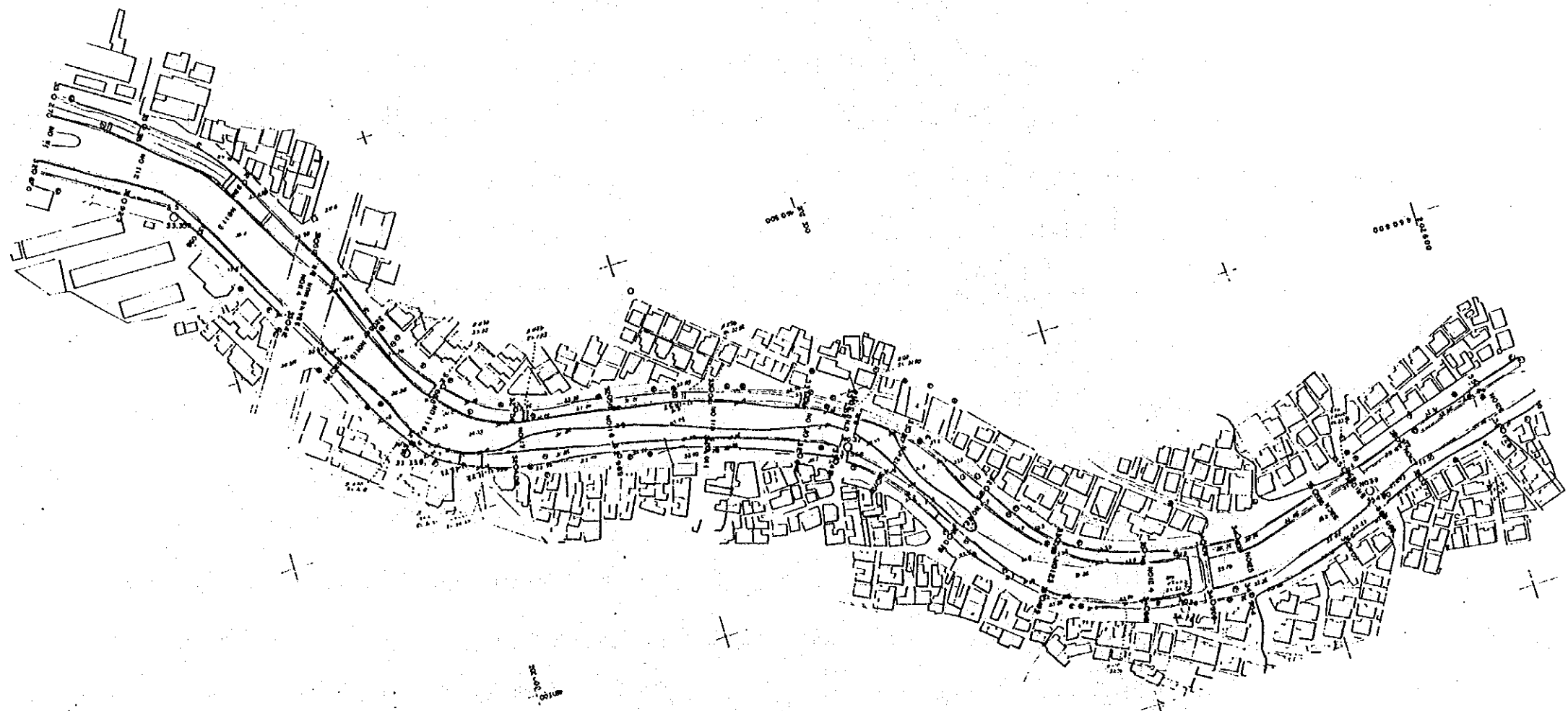


LEGEND	FIG
	UT 6
	SOURCE : JICA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1990. 12. 31

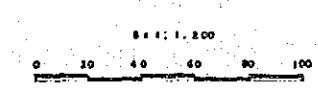
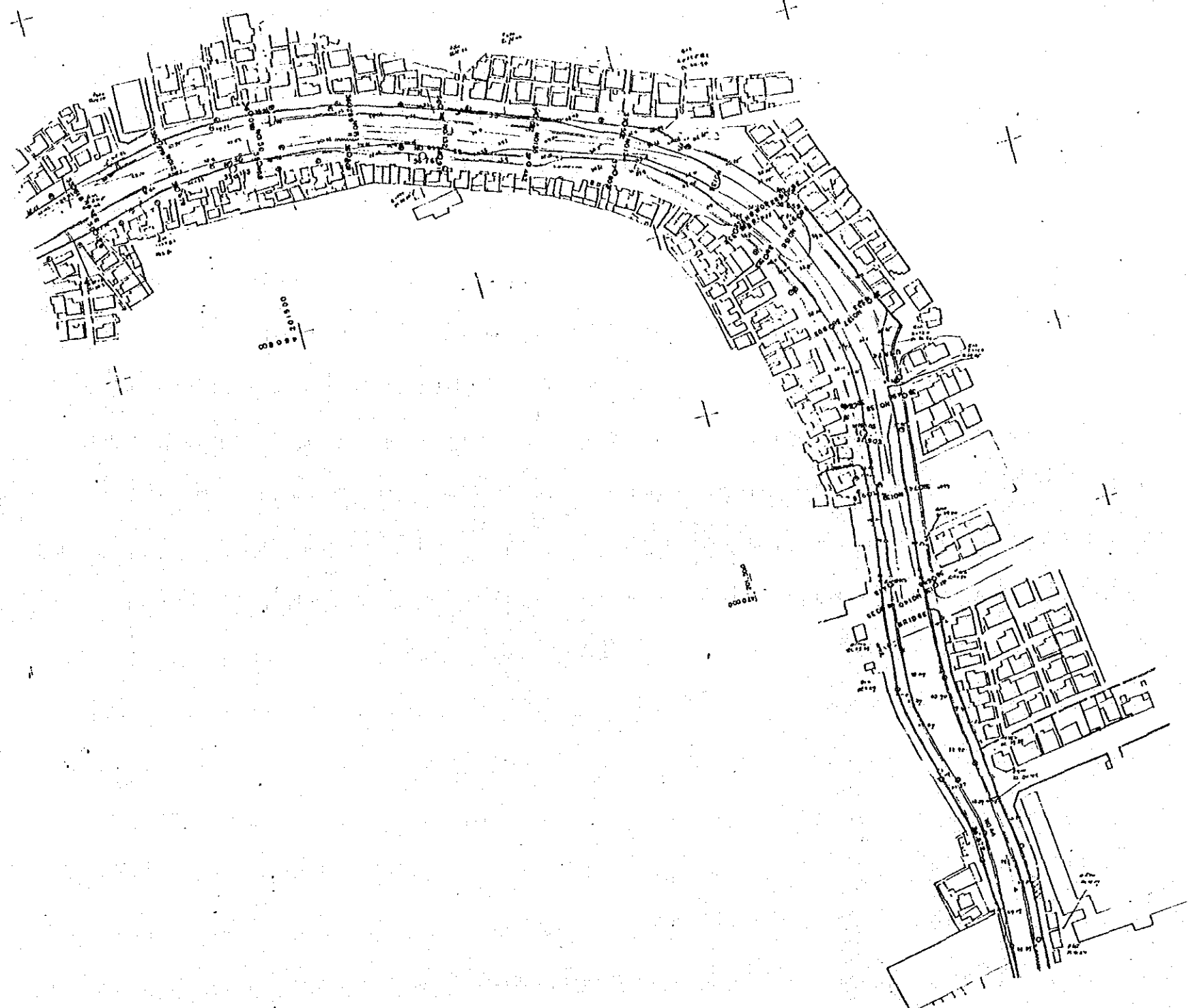
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity



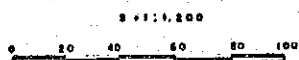
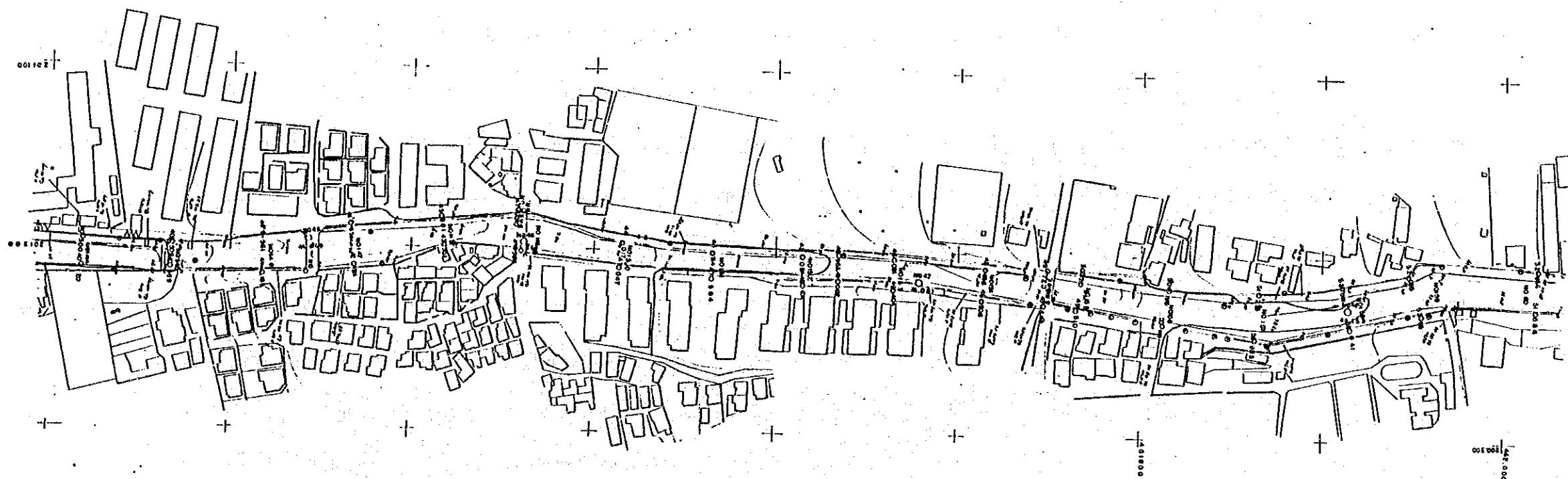
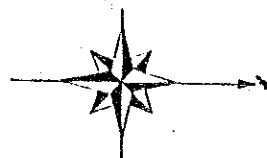
LEGEND	FIG
	UT 7
	SOURCE : JICA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1980.12.31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



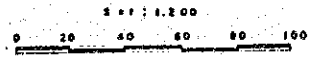
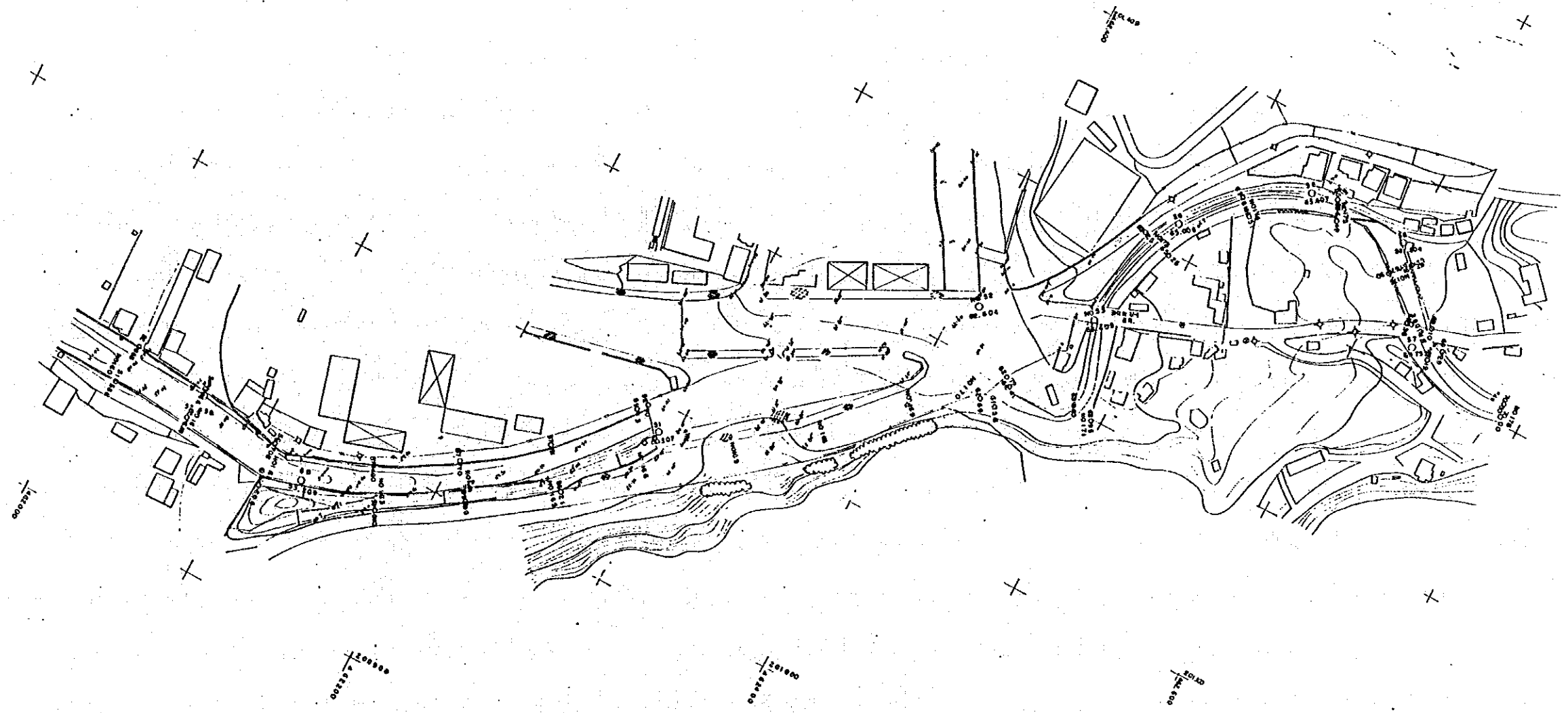
LEGEND	FIG
	UT 8
	SOURCE : JICA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1990. 12. 21
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



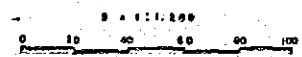
LEGEND	FIG
	UT 9
SOURCE	: JICA STUDY TEAM
SCALE	: AS SHOWN
DATE OF DRAWING	: 1990.12.31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



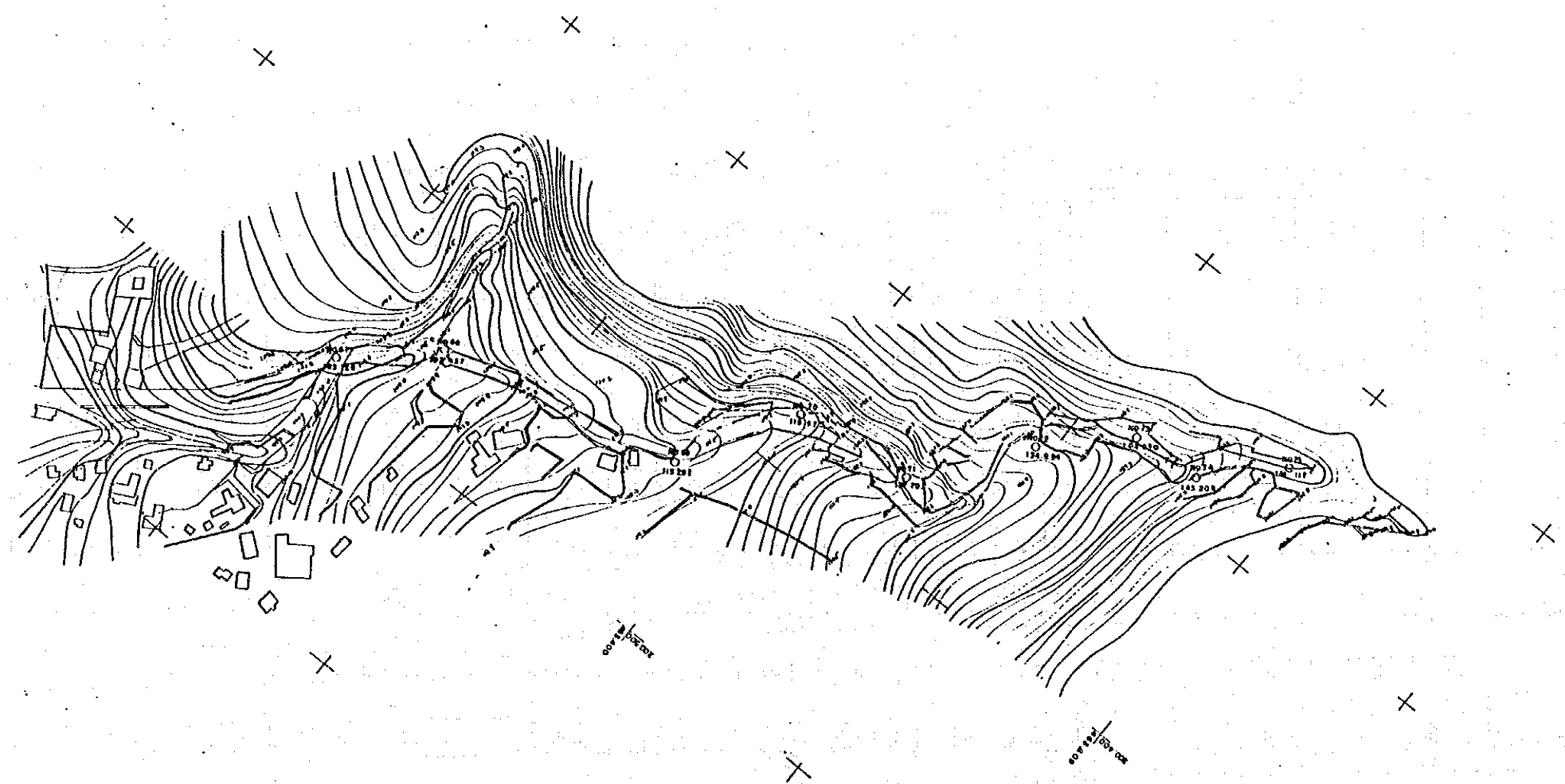
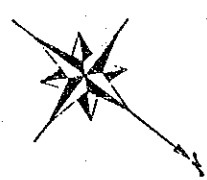
LEGEND	FIG
	UT 10
	SOURCE : JICA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1990. 12. 31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



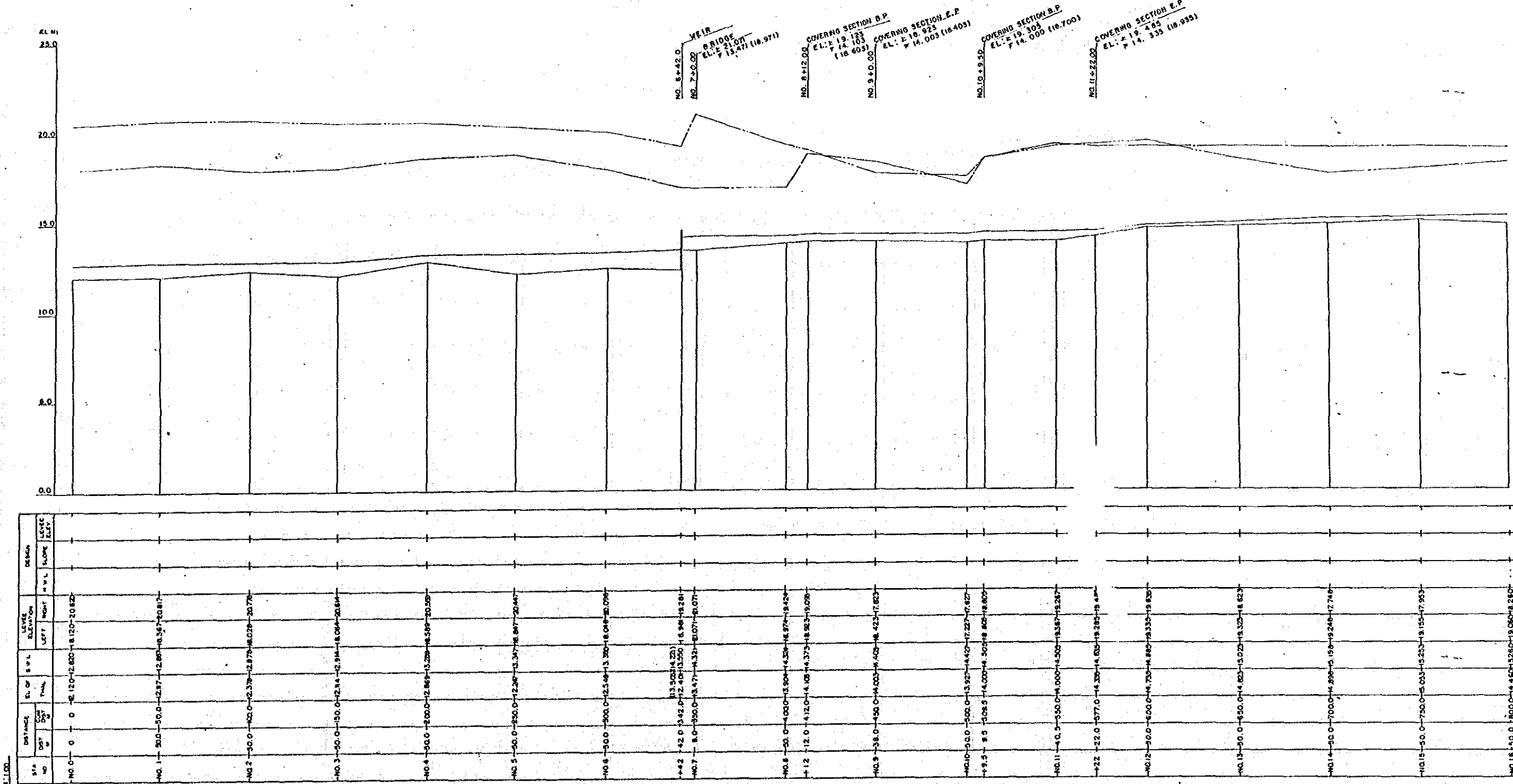
LEGEND	FIG
	UT II
	SOURCE : JICA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1990.12.31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



LEGEND	FIG
	UT 12
	SOURCE : JICA STUDY TEAM
	SCALE : A.S. 1:10,000
	DATE OF DRAWING : 1990.12.31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



LEGEND	FIG
	UT IS
	SOURCE : JICA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1999.12.21
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



WEIR
NO. 7+0.00
0.81005
EL.: 21.27
F 13.47 (18.971)

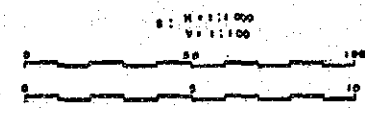
COVERING SECTION B.P.
NO. 8+12.00
EL.: 19.123
F 14.183
(18.603)

COVERING SECTION E.P.
NO. 9+0.00
EL.: 18.923
F 14.003 (18.403)

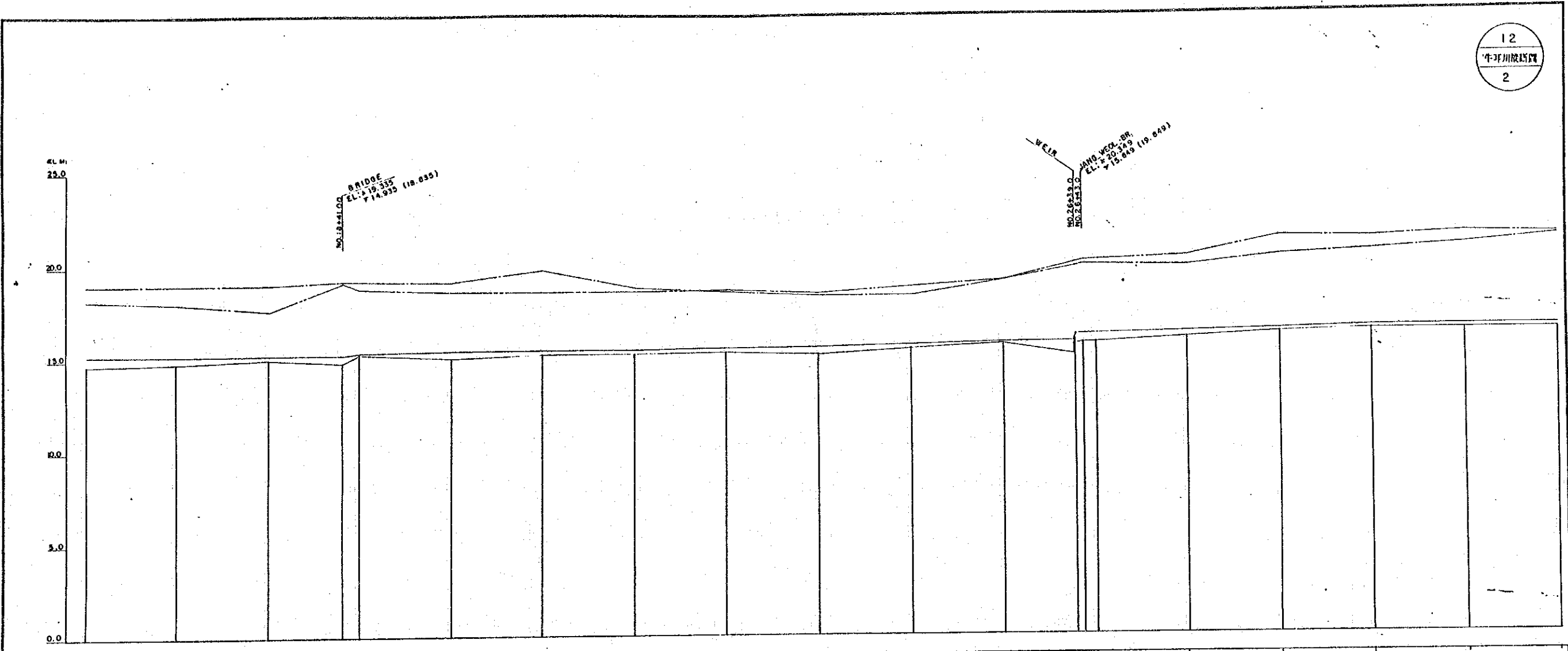
COVERING SECTION B.P.
NO. 10+9.50
EL.: 19.305
F 14.000 (18.700)

COVERING SECTION E.P.
NO. 11+22.00
EL.: 19.465
F 14.335 (18.935)

1:100

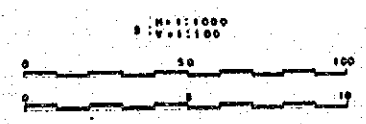


LEGEND	FIG
	UL 1
SOURCE : JICA STUDY TEAM	
SCALE : AS SHOWN	
DATE OF DRAWING : 1990. 12. 31	
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity	



STA NO	DIST FROM STA NO. 18	EL. OF S.W.L.		LEVEE ELEVATION		DESIGN	
		LEFT	RIGHT	LEFT	RIGHT	H x L	SLOPE
NO.18	0.0	14.700	15.260	18.080	18.260		
NO.17	50.0	14.887	15.237	18.097	18.089		
NO.16	100.0	15.025	15.305	18.055	17.705		
NO.15	150.0	15.335	15.335	18.235	18.235		
NO.14	200.0	15.408	15.408	18.308	18.308		
NO.13	250.0	15.090	15.490	18.180	18.690		
NO.12	300.0	15.272	15.496	18.872	18.872		
NO.11	350.0	15.290	15.499	18.990	18.699		
NO.10	400.0	15.36	15.59	18.66	18.78		
NO.9	450.0	15.359	15.639	18.539	18.639		
NO.8	500.0	15.579	15.779	18.479	18.979		
NO.7	550.0	15.810	15.910	18.300	18.310		
NO.6	600.0	16.208	16.208	18.908	18.908		
NO.5	650.0	16.127	16.127	18.672	18.672		
NO.4	700.0	16.307	16.307	18.587	18.587		
NO.3	750.0	16.539	16.539	18.599	18.599		
NO.2	800.0	16.440	16.440	18.680	18.680		

1:1000



LEGEND

FIG : _____

UL 2

SOURCE : JICA STUDY TEAM

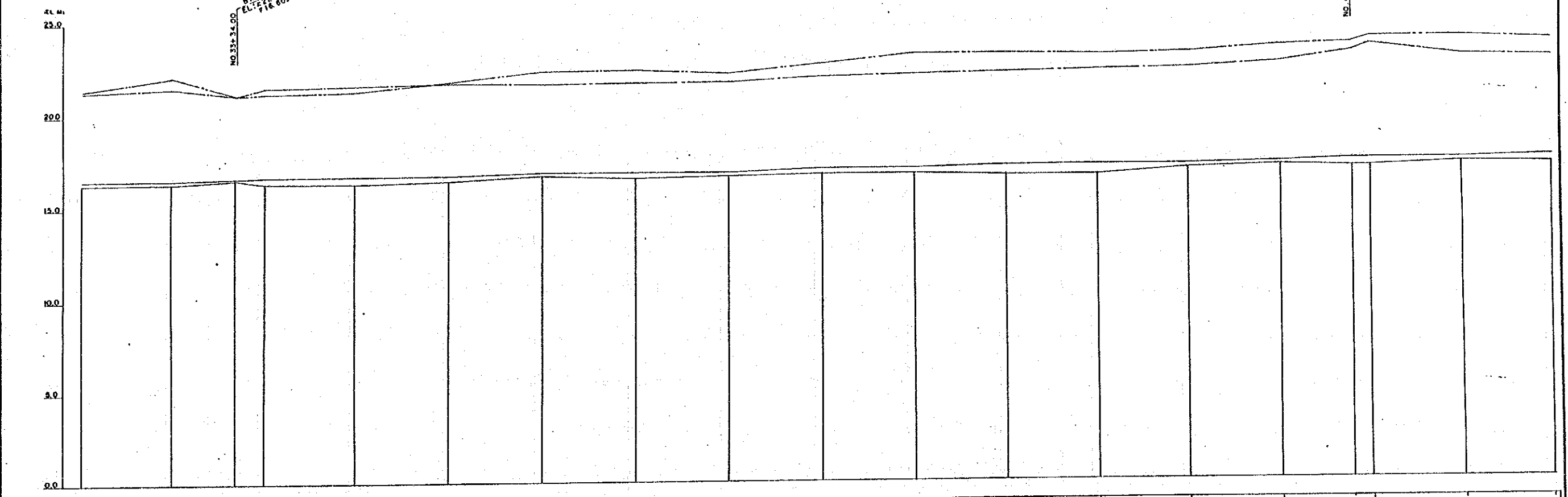
SCALE : AS SHOWN

DATE OF DRAWING : 1990.12.31

The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

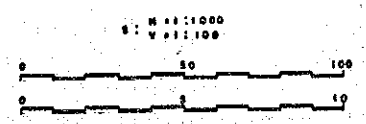
NO. 45+50.00
WOLGYE BRIDGE
EL. 24.055
F. 16.959 (22.951)

BRIDGE
EL. 24.055
F. 16.959 (20.959)



STA. NO.	DIST. FROM STA. NO. 0+000 (M)	EL. OF S.W. DIVISION		DESIGN	
		LEFT	RIGHT	H x L	SLOPE
NO. 32+50.0	16000	16.445	16.645	21.395	21.500
NO. 33+00.0	16500	16.377	16.621	21.571	22.171
NO. 34+00.0	16800	16.608	16.749	21.199	21.199
NO. 34+16.0	17000	16.299	16.796	21.600	21.306
NO. 35+00.0	17500	16.413	16.813	21.713	21.300
NO. 36+00.0	18000	16.321	16.651	21.771	21.921
NO. 37+00.0	18500	16.702	16.902	21.682	22.306
NO. 38+00.0	19000	16.843	16.946	21.796	22.594
NO. 39+00.0	19500	16.720	16.820	21.770	22.270
NO. 40+00.0	20000	16.750	17.050	22.050	22.750
NO. 41+00.0	20500	16.653	17.153	22.173	23.323
NO. 42+00.0	21000	16.659	17.189	22.289	23.289
NO. 43+00.0	21500	16.650	17.200	22.400	23.320
NO. 44+00.0	22000	16.959	17.209	22.459	23.259
NO. 45+00.0	22500	17.052	17.302	22.692	23.662
NO. 46+00.0	23000	16.959	17.359	23.259	23.709
NO. 47+00.0	23500	16.959	17.359	23.369	24.019
NO. 48+00.0	24000	17.166	17.436	23.986	23.986
NO. 49+00.0	24500	17.086	17.486	24.286	23.786

1:100



LEGEND

FIG	
UL 3	
SOURCE	JICA STUDY TEAM
SCALE	AS SHOWN
DATE OF DRAWING	1990. 12. 31

The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

BRIDGE
EL. 233.625
718.913 (22.965)
WEIR
NO.58+34
NO.58+00

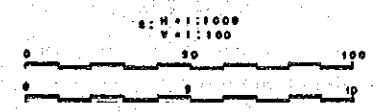
WEIR
NO.49+230

EL. M.
25.0
20.0
15.0
10.0
5.0
0.0

STA. NO.	DIST. FROM STA. NO. 49+00	EL. OF S.P.L. (M)	LEVEL ELEVATION (M)		DESIGN NAME
			LEFT	RIGHT	
NO. 49+00	0	24.03	23.095	23.789	
NO. 49+50	50	24.50	22.35	22.413	
NO. 50+00	100	24.73	22.409	24.106	
NO. 50+27	27	25.00	22.607	24.407	
NO. 51+50	250	24.18	22.425	24.028	
NO. 52+50	350	24.35	22.59	24.99	
NO. 53+50	450	24.80	23.65	24.95	
NO. 54+50	550	24.22	23.97	24.97	
NO. 55+50	650	24.88	24.218	25.136	
NO. 56+50	750	24.91	24.228	25.236	
NO. 57+50	850	24.98	24.943	25.333	
NO. 58+50	950	24.02	24.12	25.62	
NO. 59+16	1016	24.975	24.325	25.375	
NO. 59+16	1016	24.990	24.329	25.379	
NO. 60+50	1050	24.51	24.915	25.615	
NO. 61+50	1150	24.729	24.529	26.529	
NO. 62+50	1250	24.854	24.304	26.504	
NO. 63+50	1350	24.930	24.607	26.530	
NO. 64+50	1450	24.929	24.607	26.529	

1:100

1:1,000



LEGEND

FIG : _____

UL 4

SOURCE : JICA STUDY TEAM

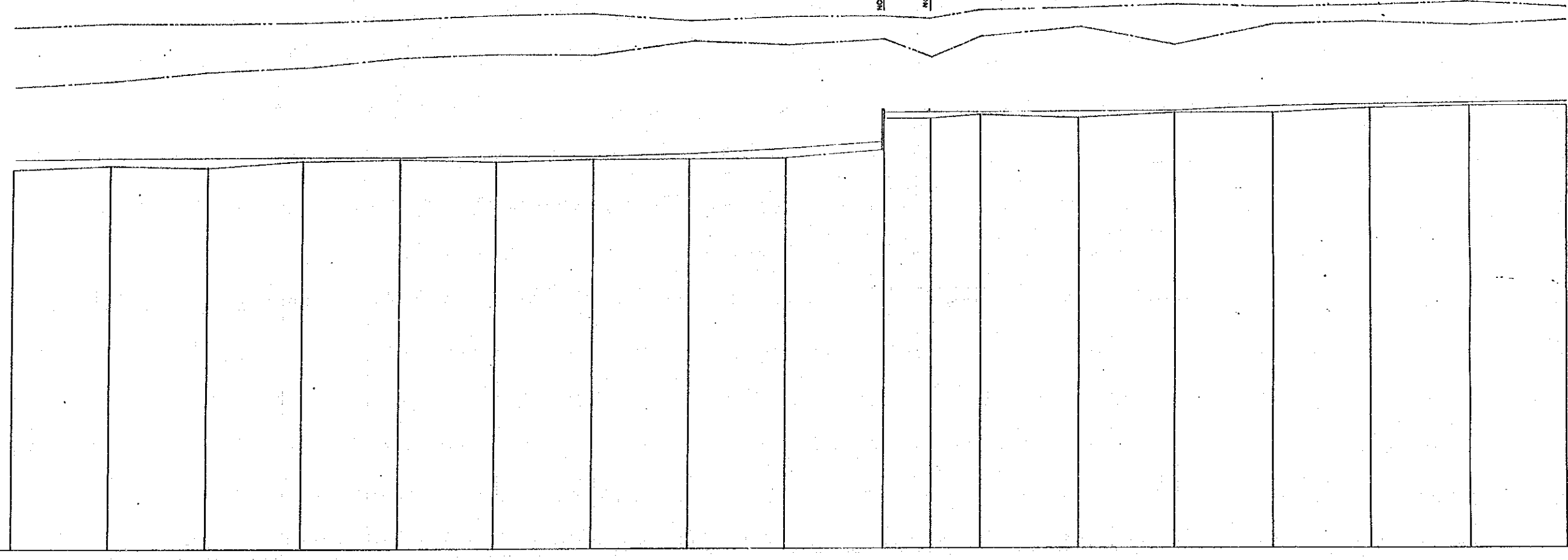
SCALE : A3 SHOWN

DATE OF DRAWING : 1990.12.31

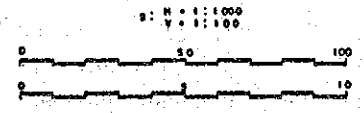
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

NO. 73+00 W.F.I.R.
NO. 75+00
8.81000
6.1+2.7150
+22.000(28.850)

EL. (M)
25.0
20.0
15.0
10.0
5.0
0.0



STATION NO.	DISTANCE FROM START (M)	EL. OF CHANNEL THAL. (M)	WATER ELEVATION (M)		DESIGN W.L. SLOPE	WATER DEPTH (M)	WATER VELOCITY (M/S)	WATER AREA (SQ. M)	WATER VELOCITY (M/S)
			LEFT POINT	RIGHT POINT					
NO. 64+00	0-3000	18.394	18.925	23.602	26.658				
NO. 65+00	0-3200	19.562	19.962	23.912	25.912				
NO. 66+00	0-3300	19.473	19.986	24.278	26.678				
NO. 67+00	0-3500	18.800	20.000	24.804	26.908				
NO. 68+00	0-3600	18.980	20.010	25.110	27.110				
NO. 69+00	0-3700	19.802	20.020	25.302	27.302				
NO. 70+00	0-3800	19.927	20.127	25.327	27.427				
NO. 71+00	0-3900	18.929	20.229	25.029	27.109				
NO. 72+00	0-4000	20.018	20.318	25.818	27.318				
NO. 73+00	0-4100	21.000	21.300	26.442	27.942				
NO. 74+00	0-4200	22.000	22.300	27.170	28.170				
NO. 75+00	0-4300	22.220	22.520	28.220	27.620				
NO. 76+00	0-4400	22.070	22.370	28.720	27.720				
NO. 77+00	0-4500	22.371	22.671	29.820	27.721				
NO. 78+00	0-4600	22.463	22.763	29.913	27.763				
NO. 79+00	0-4700	22.621	22.721	29.921	27.921				
NO. 80+00	0-4800	22.671	22.771	29.971	27.971				



LEGEND

FIG.

UL 5

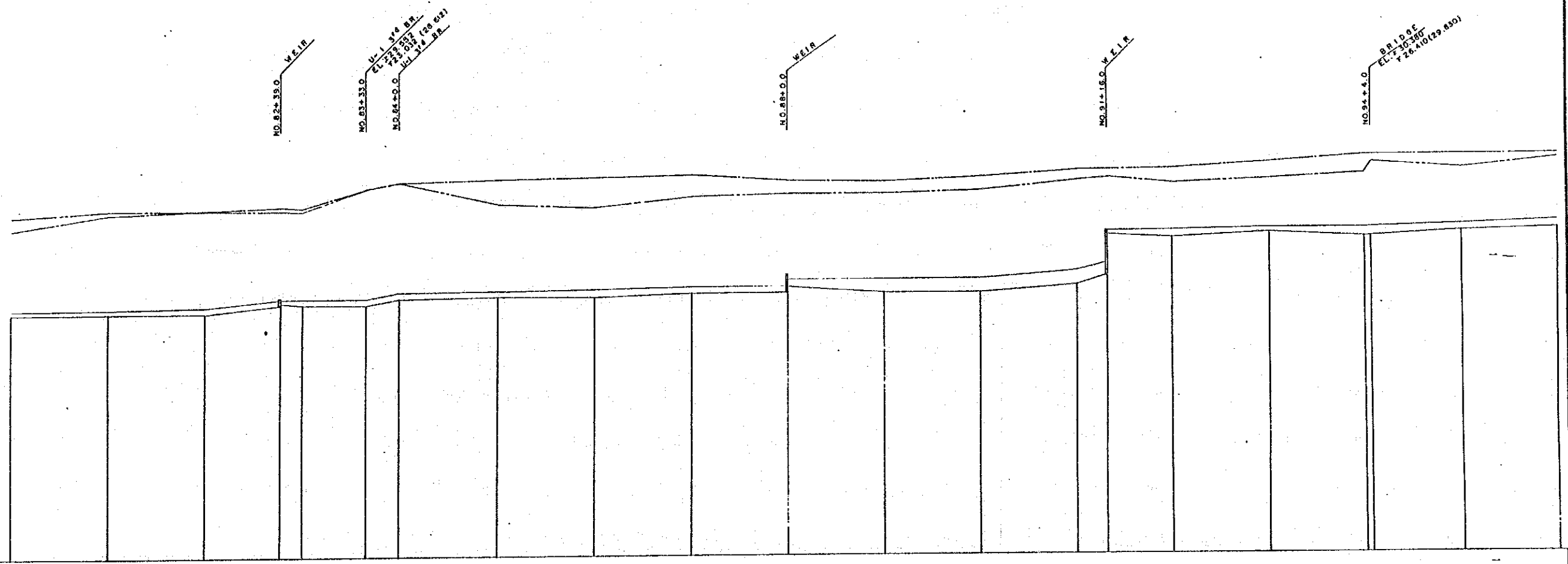
SOURCE : JCA STUDY TEAM

SCALE : AS SHOWN

DATE OF DRAWING : 1980. 12. 31

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EL. M
35.0
30.0
25.0
20.0
15.0
10.0



NO. 82+35.0 WEIR

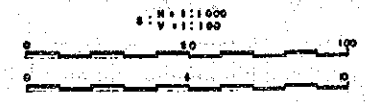
NO. 83+33.0
U-1 3/4 BR
EL. 22.50
NO. 84+0.0
U-1 3/4 BR
EL. 22.50

NO. 88+0.0 WEIR

NO. 91+16.0 WEIR

NO. 94+4.0
BRIDGE
EL. 23.30-28.00
+26.410(29.830)

STA NO	DISTANCE 50' STAKES	EL. OF S.W.L. T.M.L.	LEVEE ELEVATION		DESIGN W.L. 3.0M	LEVEE TYPE
			LEFT	RIGHT		
NO 80+50.0	0-4000.0-22.77-22.77-26.97-27.27					
NO 81+50.0	0-4000.0-22.87-22.87-27.70-27.97					
NO 82+50.0	0-4000.0-22.97-22.97-27.82-27.87					
NO 83+50.0	0-4100.0-23.07-23.07-28.10-28.10-27.97	23.07	28.10			
NO 84+50.0	0-4200.0-23.09-23.09-28.06-27.86					
NO 85+50.0	0-4300.0-23.12-23.12-28.06-28.07					
NO 86+50.0	0-4400.0-23.27-23.27-28.34-28.34					
NO 87+50.0	0-4500.0-23.37-23.37-28.67-28.37					
NO 88+50.0	0-4600.0-23.38-23.38-28.92-28.02	23.38	28.92			
NO 89+50.0	0-4700.0-23.42-23.42-29.37-28.72					
NO 90+50.0	0-4800.0-23.63-23.63-29.83-28.92					
NO 91+50.0	0-4900.0-23.75-23.75-29.87-28.41	23.75	29.87			
NO 92+50.0	0-5000.0-23.79-23.79-29.92-28.92	23.79	29.92			
NO 93+50.0	0-5100.0-23.88-23.88-29.93-28.92					
NO 94+50.0	0-5200.0-23.97-23.97-29.97-28.92	23.97	29.97			
NO 95+50.0	0-5300.0-24.07-24.07-29.97-28.92					
NO 96+50.0	0-5400.0-24.19-24.19-29.97-28.92					
NO 97+50.0	0-5500.0-24.29-24.29-29.97-28.92					
NO 98+50.0	0-5600.0-24.39-24.39-29.97-28.92					
NO 99+50.0	0-5700.0-24.49-24.49-29.97-28.92					
NO 100+50.0	0-5800.0-24.59-24.59-29.97-28.92					



LEGEND

FIG :

UL 6

SOURCE : JICA STUDY TEAM

SCALE : AS SHOWN

DATE OF DRAWING : 1990.12.31

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BRIDGE
EL. 237.95
708.418 (32.558)

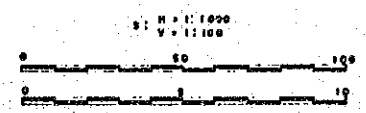
NO. 100+40
V=1.08
C=1.37
F=2.768 (33.046)

EL. M.
40.0
35.0
30.0
25.0
20.0
15.0

STA NO	DISTANCE DST M	EL. OF S.W.L. THAL.	LEVEE ELEVATION		DESIGN SLOPE
			LEFT	RIGHT	
NO. 98	50.0	28.899	27.249	30.449	3:1
NO. 97	50.0	27.112	25.312	28.462	3:1
NO. 96	50.0	27.233	25.493	28.653	3:1
NO. 95	50.0	27.533	25.793	28.953	3:1
NO. 94	50.0	27.743	25.943	29.103	3:1
NO. 93	50.0	27.828	26.028	29.178	3:1
NO. 92	50.0	27.828	26.028	29.178	3:1
NO. 91	50.0	27.828	26.028	29.178	3:1
NO. 90	50.0	27.828	26.028	29.178	3:1
NO. 89	50.0	27.828	26.028	29.178	3:1
NO. 88	50.0	27.828	26.028	29.178	3:1
NO. 87	50.0	27.828	26.028	29.178	3:1
NO. 86	50.0	27.828	26.028	29.178	3:1
NO. 85	50.0	27.828	26.028	29.178	3:1
NO. 84	50.0	27.828	26.028	29.178	3:1
NO. 83	50.0	27.828	26.028	29.178	3:1
NO. 82	50.0	27.828	26.028	29.178	3:1
NO. 81	50.0	27.828	26.028	29.178	3:1
NO. 80	50.0	27.828	26.028	29.178	3:1
NO. 79	50.0	27.828	26.028	29.178	3:1
NO. 78	50.0	27.828	26.028	29.178	3:1
NO. 77	50.0	27.828	26.028	29.178	3:1
NO. 76	50.0	27.828	26.028	29.178	3:1
NO. 75	50.0	27.828	26.028	29.178	3:1
NO. 74	50.0	27.828	26.028	29.178	3:1
NO. 73	50.0	27.828	26.028	29.178	3:1
NO. 72	50.0	27.828	26.028	29.178	3:1
NO. 71	50.0	27.828	26.028	29.178	3:1
NO. 70	50.0	27.828	26.028	29.178	3:1
NO. 69	50.0	27.828	26.028	29.178	3:1
NO. 68	50.0	27.828	26.028	29.178	3:1
NO. 67	50.0	27.828	26.028	29.178	3:1
NO. 66	50.0	27.828	26.028	29.178	3:1
NO. 65	50.0	27.828	26.028	29.178	3:1
NO. 64	50.0	27.828	26.028	29.178	3:1
NO. 63	50.0	27.828	26.028	29.178	3:1
NO. 62	50.0	27.828	26.028	29.178	3:1
NO. 61	50.0	27.828	26.028	29.178	3:1
NO. 60	50.0	27.828	26.028	29.178	3:1
NO. 59	50.0	27.828	26.028	29.178	3:1
NO. 58	50.0	27.828	26.028	29.178	3:1
NO. 57	50.0	27.828	26.028	29.178	3:1
NO. 56	50.0	27.828	26.028	29.178	3:1
NO. 55	50.0	27.828	26.028	29.178	3:1
NO. 54	50.0	27.828	26.028	29.178	3:1
NO. 53	50.0	27.828	26.028	29.178	3:1
NO. 52	50.0	27.828	26.028	29.178	3:1
NO. 51	50.0	27.828	26.028	29.178	3:1
NO. 50	50.0	27.828	26.028	29.178	3:1

1:100

1:1000



LEGEND

FIG	
U.L. 7	
SOURCE	JICA STUDY TEAM
SCALE	AS SHOWN
DATE OF DRAWING	1990.12.31

The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

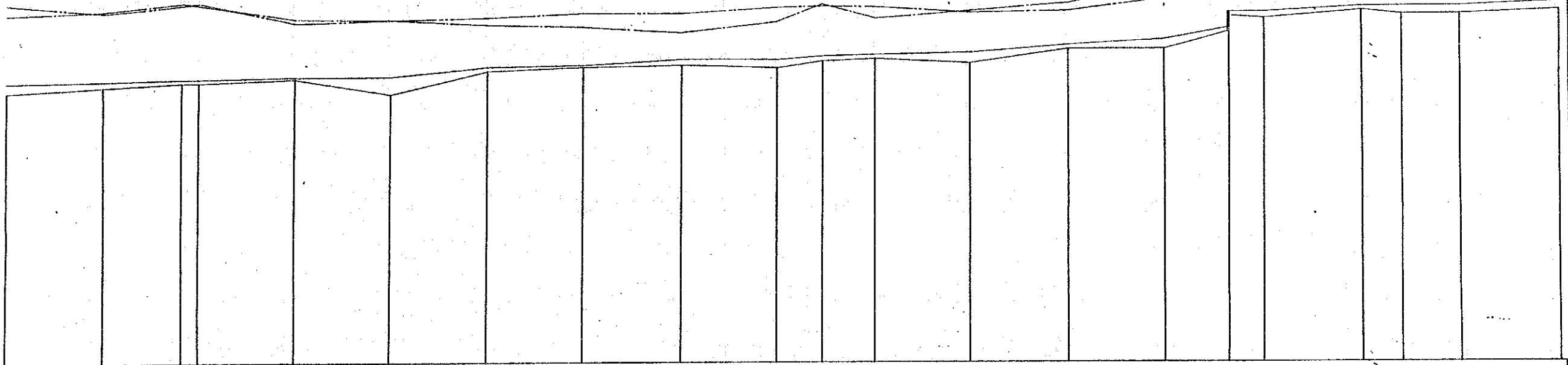
EL. M.
40.0
35.0
30.0
25.0
20.0
15.0

NO. 13+47
SANG MUN BR.
EL. E 32.890
F 29.421 (32.690)

NO. 17.0+23.0
ONG SUNG BR.
EL. E 33.629
F 30.569 (32.659)

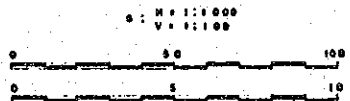
NO. 22.5+20.0
WEIR

NO. 28.8+20.0
BRIDGE
EL. E 35.800
F 32.949 (35.100)



STA NO	DISTANCE DPT M	EL. OF S.W. THAL M	LEVEE ELEVATION		DESIGN W.L. M	LEVEE ELEV. M
			LEFT	RIGHT		
NO. 12	50.0	36.00	32.903	32.923	33.373	
NO. 13	50.0	36.00	32.924	32.934	33.384	
NO. 14	41.0	36.30	32.942	32.971	33.371	
NO. 14	50.0	37.00	32.942	32.971	33.371	
NO. 15	50.0	37.00	32.959	32.979	33.394	
NO. 16	50.0	37.00	32.969	32.979	33.394	
NO. 17	50.0	37.00	32.988	32.998	33.408	
NO. 18	50.0	37.00	32.998	32.998	33.408	
NO. 19	50.0	37.00	32.998	32.998	33.408	
NO. 20	50.0	37.00	32.998	32.998	33.408	
NO. 21	23.0	36.00	32.998	32.998	33.408	
NO. 21	27.0	36.00	32.998	32.998	33.408	
NO. 22	50.0	37.00	32.998	32.998	33.408	
NO. 23	50.0	37.00	32.998	32.998	33.408	
NO. 24	50.0	37.00	32.998	32.998	33.408	
NO. 25	32.00	36.30	32.998	32.998	33.408	
NO. 25	18.0	36.30	32.998	32.998	33.408	
NO. 26	50.0	37.00	32.998	32.998	33.408	
NO. 27	30.0	36.30	32.998	32.998	33.408	
NO. 28	50.0	37.00	32.998	32.998	33.408	

1:1,000



LEGEND	
UL B	
SOURCE	JICA STUDY TEAM
SCALE	AS SHOWN
DATE OF DRAWING	1990. 12. 31

The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

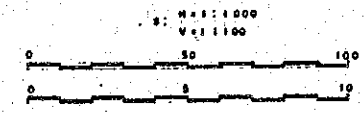
NO. 140 + 170 BRIDGE
 EL. 240.795
 P. 37.985 (40.399)

NO. 135 + 23.0 SSANO WCD BR.
 EL. 230.490
 P. 35.682 (37.650)

EL. M.
 400
 350
 300
 250
 200
 150

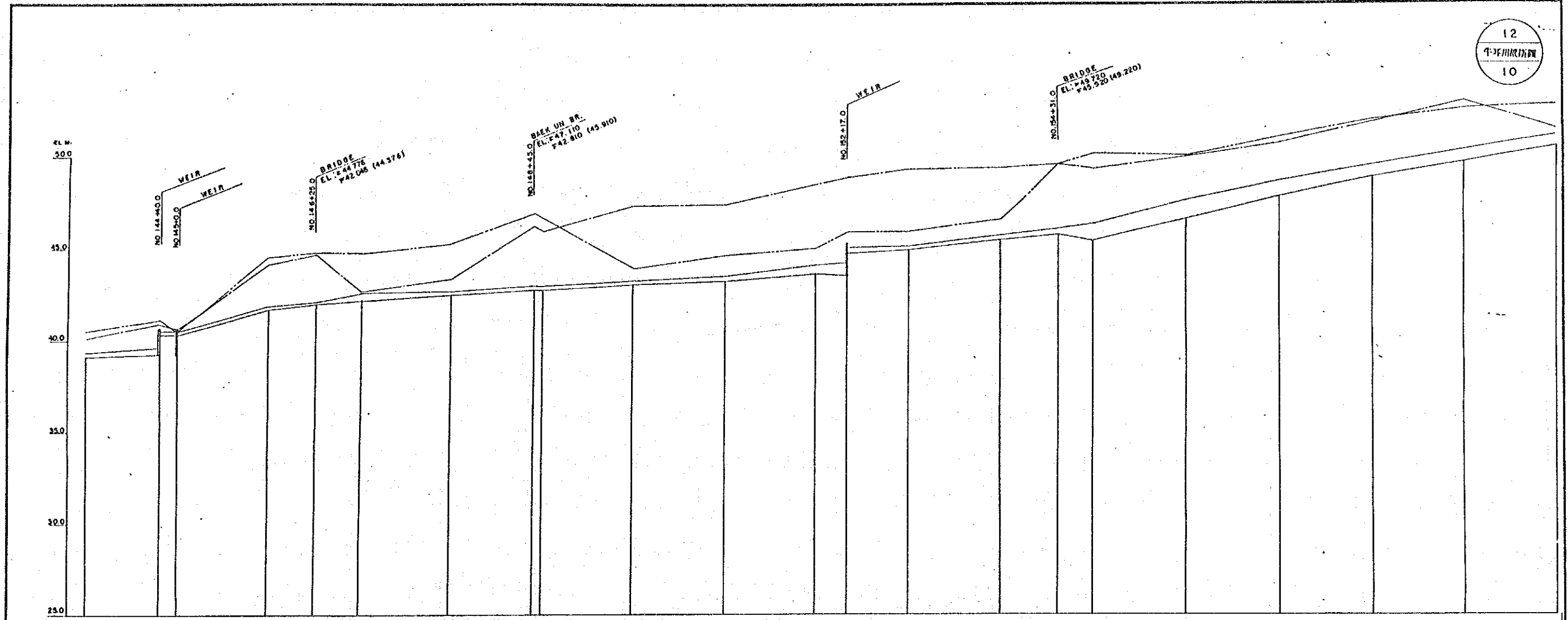
STA NO	DISTANCE	EL. OF S.W.L.	LEVEL ELEVATION		DESIGN
			LEFT	RIGHT	
NO. 128 + 30.0	6400.0	33.118	33.466	35.178	35.618
NO. 129 + 50.0	6450.0	33.129	33.779	35.479	35.979
NO. 130 + 50.0	6500.0	33.749	33.889	35.499	36.099
NO. 131 + 50.0	6550.0	34.029	34.139	36.209	36.289
NO. 132 + 50.0	6600.0	34.097	34.237	36.367	36.767
NO. 133 + 30.0	6650.0	34.362	34.562	37.412	37.682
NO. 134 + 50.0	6700.0	35.022	35.222	37.622	37.922
NO. 135 + 0.0	6750.0	35.727	35.927	38.137	38.467
+ 23	6773.0	35.682	35.982	38.332	38.592
NO. 136 + 27.0	6800.0	36.173	36.173	38.533	38.673
NO. 137 + 50.0	6850.0	36.053	36.353	38.903	37.453
NO. 138 + 50.0	6900.0	36.858	37.058	39.398	39.498
NO. 139 + 50.0	6950.0	36.985	37.285	39.945	39.745
NO. 140 + 50.0	7000.0	37.368	37.618	40.418	38.608
+ 17	7070.0	37.585	37.985	41.035	41.125
NO. 141 + 35.0	7050.0	38.075	38.275	40.625	38.275
NO. 142 + 0.0	7000.0	38.335	38.595	41.135	39.535
NO. 143 + 0.0	7050.0	38.652	38.852	42.122	42.522
NO. 144 + 50.0	7100.0	39.127	39.327	43.507	44.507

1:100

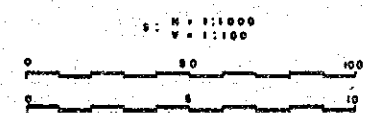


LEGEND	FIG :
	UL 9
	SOURCE : JICA STUDY TEAM
	SCALE : AS SHOWN
	DATE OF DRAWING : 1990.12.31

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STA NO	DISTANCE	R. DP	S.W.L. THICK	LEVEE ELEVATION		DESIGN
				LEFT	RIGHT	
NO. 144+40.0	0.0	7200.0	39.120-39.330	40.120	40.500	
NO. 145+50.0	10.0	7200.0	39.120-39.330	40.120	40.500	
NO. 146+25.0	25.0	7200.0	39.120-39.330	40.120	40.500	
NO. 147+25.0	35.0	7200.0	39.120-39.330	40.120	40.500	
NO. 148+45.0	55.0	7200.0	39.120-39.330	40.120	40.500	
NO. 149+5.0	65.0	7200.0	39.120-39.330	40.120	40.500	
NO. 150+5.0	75.0	7200.0	39.120-39.330	40.120	40.500	
NO. 151+5.0	85.0	7200.0	39.120-39.330	40.120	40.500	
NO. 152+17.0	95.0	7200.0	39.120-39.330	40.120	40.500	
NO. 153+33.0	105.0	7200.0	39.120-39.330	40.120	40.500	
NO. 154+31.0	115.0	7200.0	39.120-39.330	40.120	40.500	
NO. 155+19.0	125.0	7200.0	39.120-39.330	40.120	40.500	
NO. 156+5.0	135.0	7200.0	39.120-39.330	40.120	40.500	
NO. 157+5.0	145.0	7200.0	39.120-39.330	40.120	40.500	
NO. 158+5.0	155.0	7200.0	39.120-39.330	40.120	40.500	
NO. 159+5.0	165.0	7200.0	39.120-39.330	40.120	40.500	
NO. 160+5.0	175.0	7200.0	39.120-39.330	40.120	40.500	



LEGEND

FIG :

U.L. 10

SOURCE : JICA STUDY TEAM

SCALE : AS SHOWN

DATE OF DRAWING : 1990. 12. 31

The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

EL. M.
 70.0
 65.0
 60.0
 55.0
 50.0
 45.0

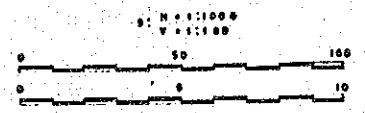
COVERING SECTION BP.
 NO.166*7.0
 EL. : F 60.100
 F 55.800 (59.500)

COVERING SECTION EP.
 NO.168*2.0
 EL. : F 62.800
 F 59.650 (62.200)

SHIM U-1. B.R.
 NO.172*0.00
 EL. : F 64.300
 F 62.250 (64.250)

STA. NO.	DISTANCE FROM STA. 0+000 (M)	EL. OF S.W.L.		LEVEE ELEVATION		DESIGN H.W.L. (M)	LEVEE ELEV. (M)
		ACTUAL	THEORY	LEFT	RIGHT		
NO.160	0.00	40.00	35.268	51.187	51.336	52.000	
NO.161	5.00	40.00	31.716	52.316	52.654	54.766	
NO.162	10.00	42.70	43.508	53.508	53.700		
NO.163	15.00	43.00	44.060	54.060	54.400		
NO.164	20.00	44.00	44.750	55.000	55.170		
NO.165	30.00	44.90	45.330	56.200	57.300		
NO.166	40.00	45.80	46.120	57.000	59.400		
NO.167	50.00	46.00	46.300	58.000	59.500		
NO.168	60.00	46.00	46.000	59.000	60.000		
NO.169	70.00	46.00	46.400	60.000	61.400		
NO.170	80.00	46.00	46.400	61.000	62.400		
NO.171	90.00	46.00	46.400	62.000	63.400		
NO.172	100.00	46.00	46.400	63.000	64.500		
NO.173	110.00	46.00	46.400	64.000	65.200		
NO.174	120.00	46.00	46.400	65.000	66.000		
NO.175	130.00	46.00	46.400	66.000	66.800		
NO.176	140.00	46.00	46.400	67.000	67.900		

1:1000

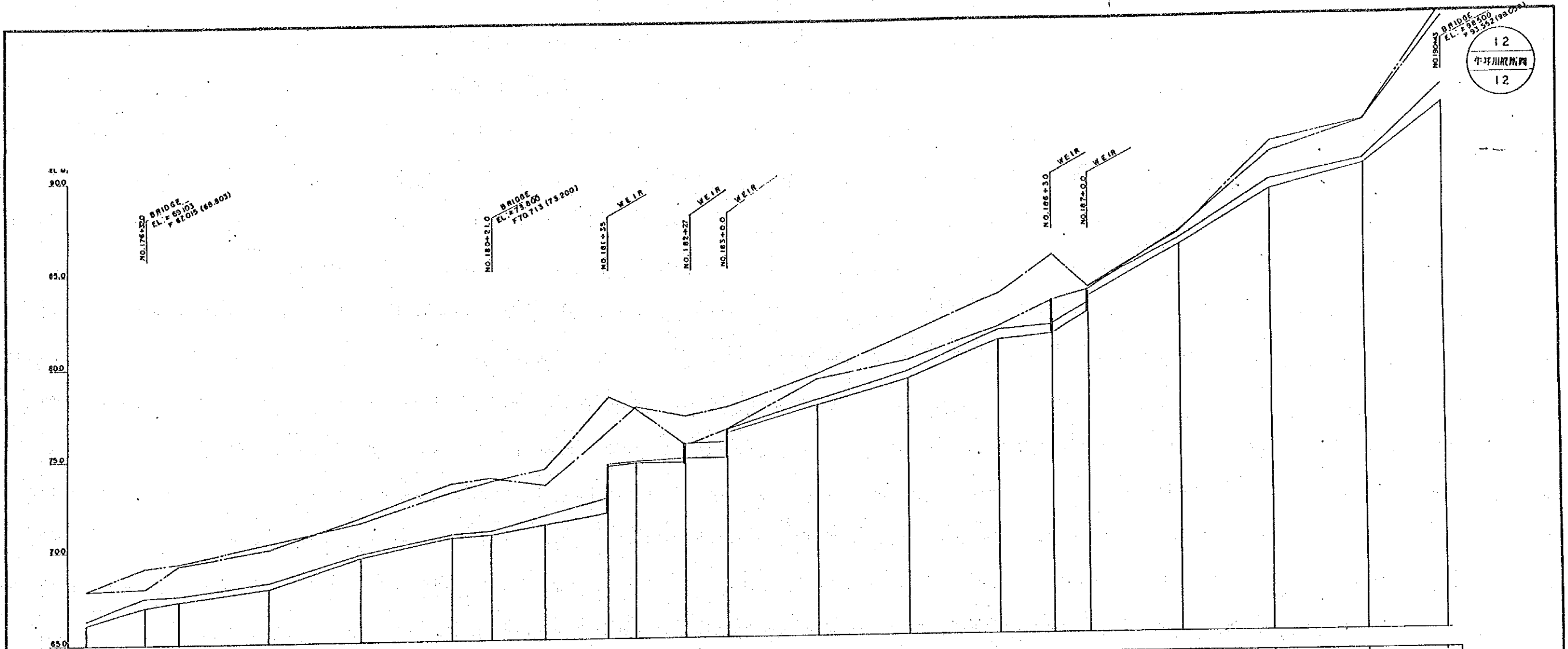


LEGEND

FIG. :
 UL II
 SOURCE : JICA STUDY TEAM
 SCALE : AS SHOWN
 DATE OF DRAWING : 1990.12.21

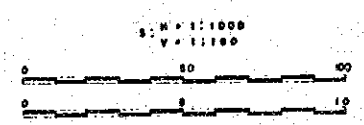
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

12
 牛潭川排水路
 12



STA	DISTANCE m	EL. OF S.W.L.		DESIGN SLOPE
		LEFT	RIGHT	
NO. 176+00.0	0	66.105	67.902	1:1.000
NO. 176+32.0	32.0	67.105	68.979	
NO. 177+00.0	0	67.229	69.280	
NO. 178+50.0	50.0	67.94	69.920	
NO. 179+00.0	0	68.721	71.705	
NO. 180+50.0	50.0	70.733	72.965	
NO. 181+21.0	21.0	70.733	73.827	
NO. 181+20.0	0	71.213	74.174	
NO. 182+33.0	33.0	74.321	76.19	
NO. 182+00.0	0	74.800	77.100	
NO. 182+27.0	27.0	74.800	77.100	
NO. 183+00.0	0	74.805	77.300	
NO. 184+00.0	0	77.610	79.321	
NO. 185+00.0	0	79.255	81.417	
NO. 186+00.0	0	81.018	83.921	
NO. 187+00.0	0	83.110	85.612	
NO. 187+20.0	20.0	82.500	83.850	
NO. 188+00.0	0	86.157	88.430	
NO. 189+00.0	0	88.031	90.615	
NO. 190+00.0	0	90.315	92.701	
NO. 191+00.0	0	93.520	96.250	

1:1000



LEGEND

FIG

UL 12

SOURCE : JICA STUDY TEAM

SCALE : AS SHOWN

DATE OF DRAWING : 1990-12-31

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