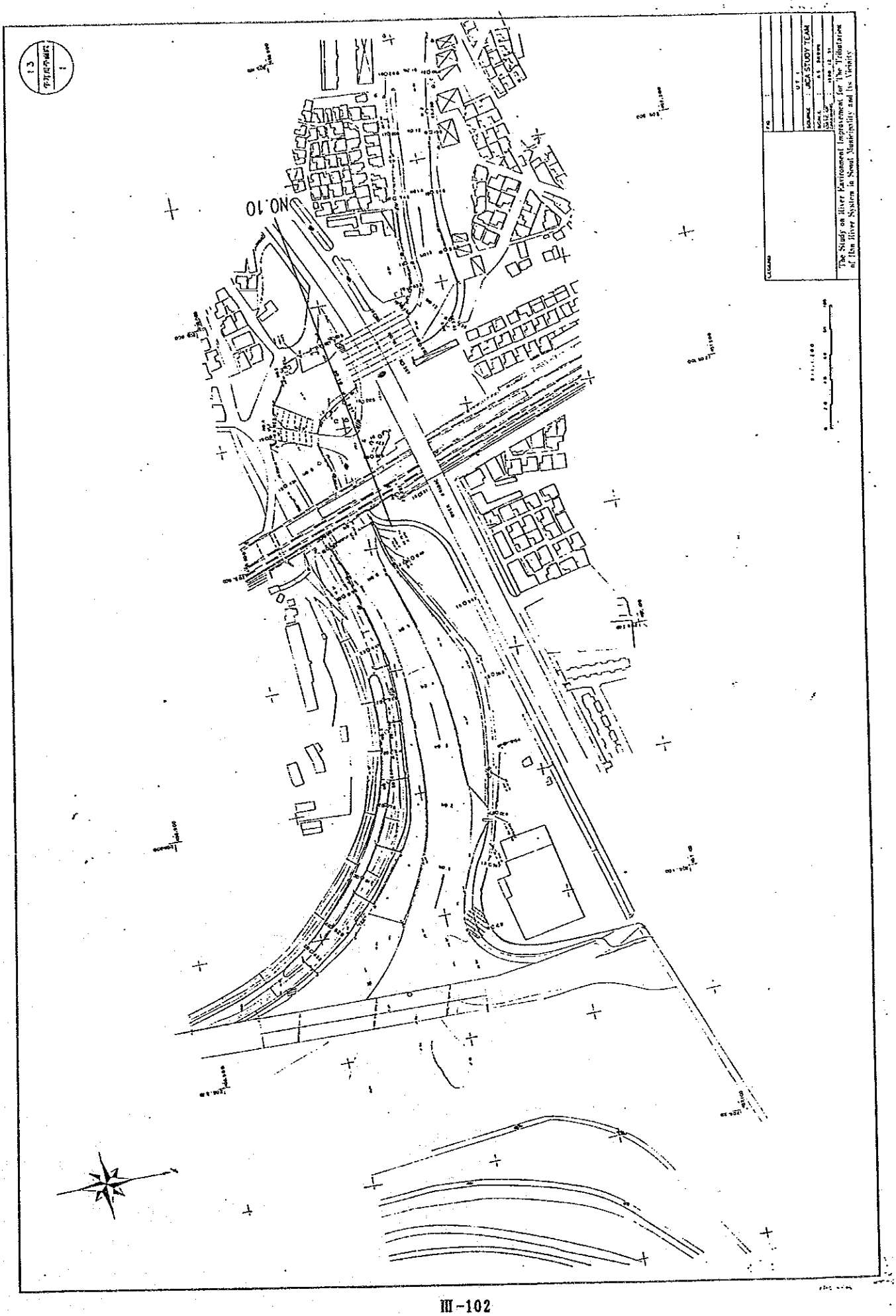
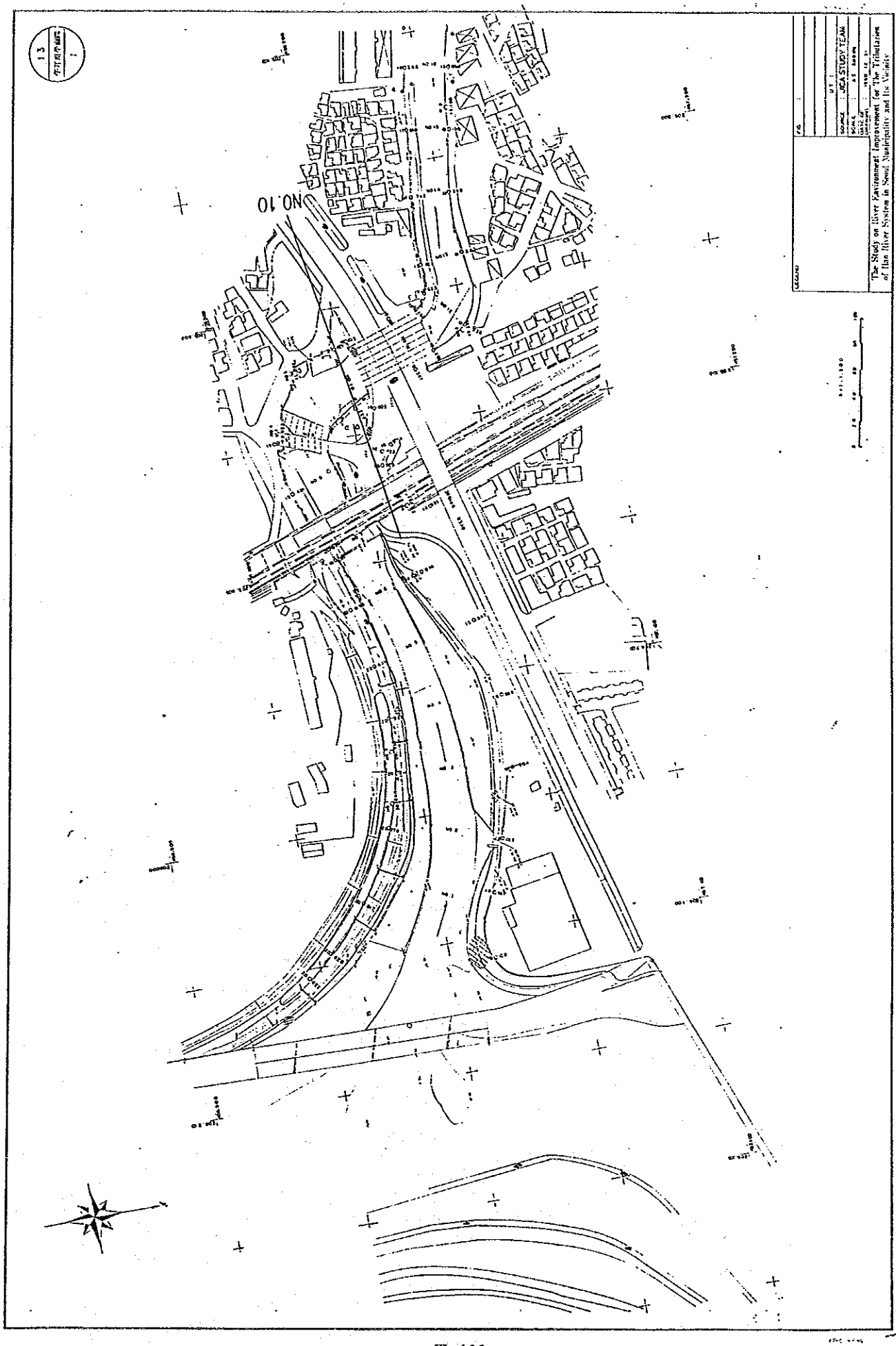
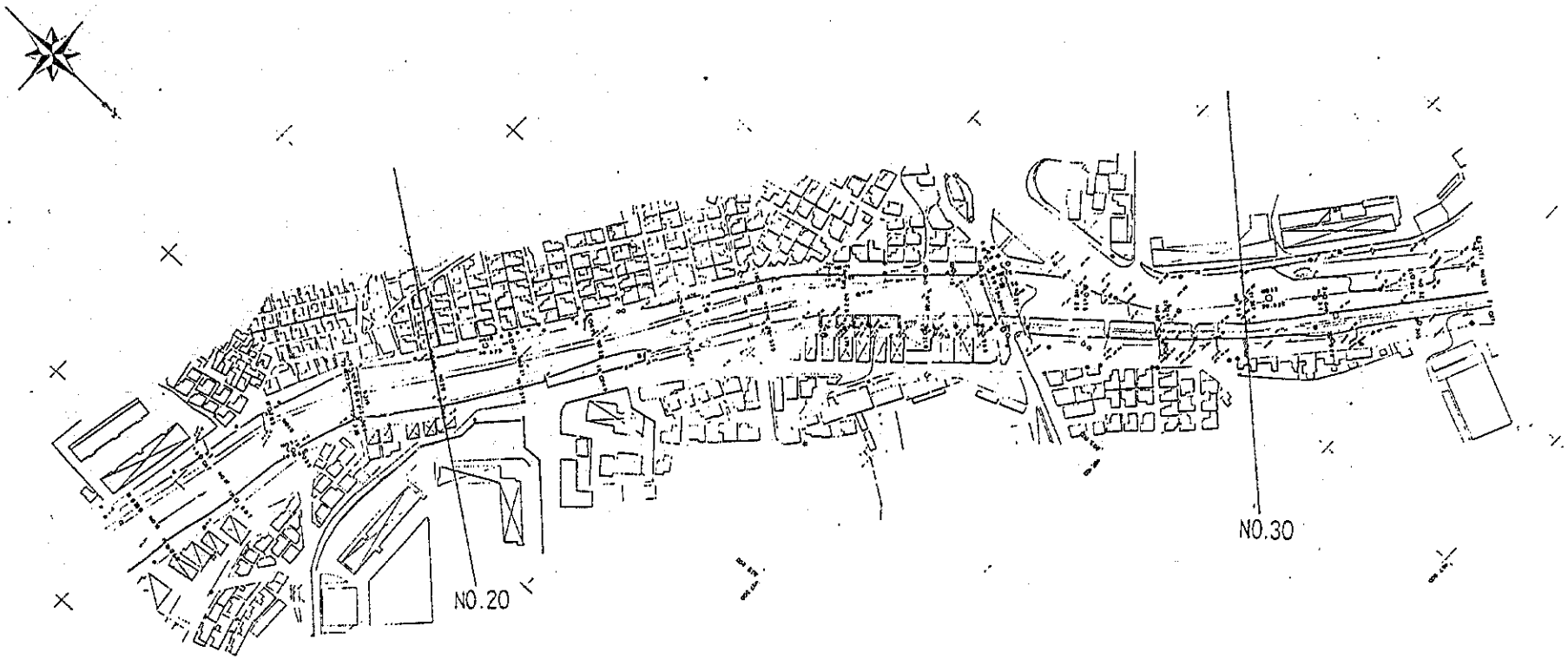
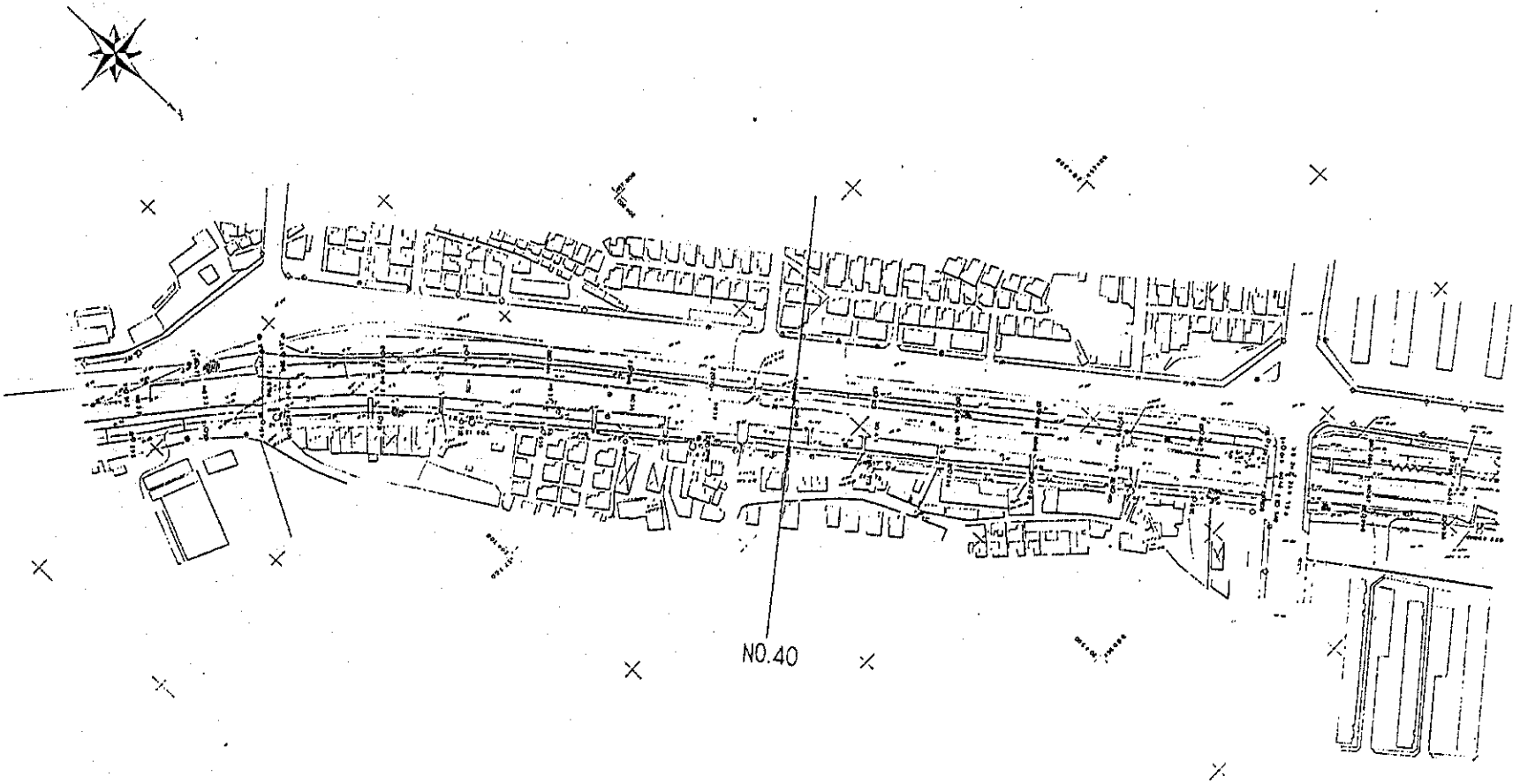
5. Location Map of the Expected Inundation Areas


NO.10
JICA STUDY TEAM
The Study on River Environment Improvement for The Tributaries of The River System in Seoul Municipality and Its Vicinity


NO.10
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

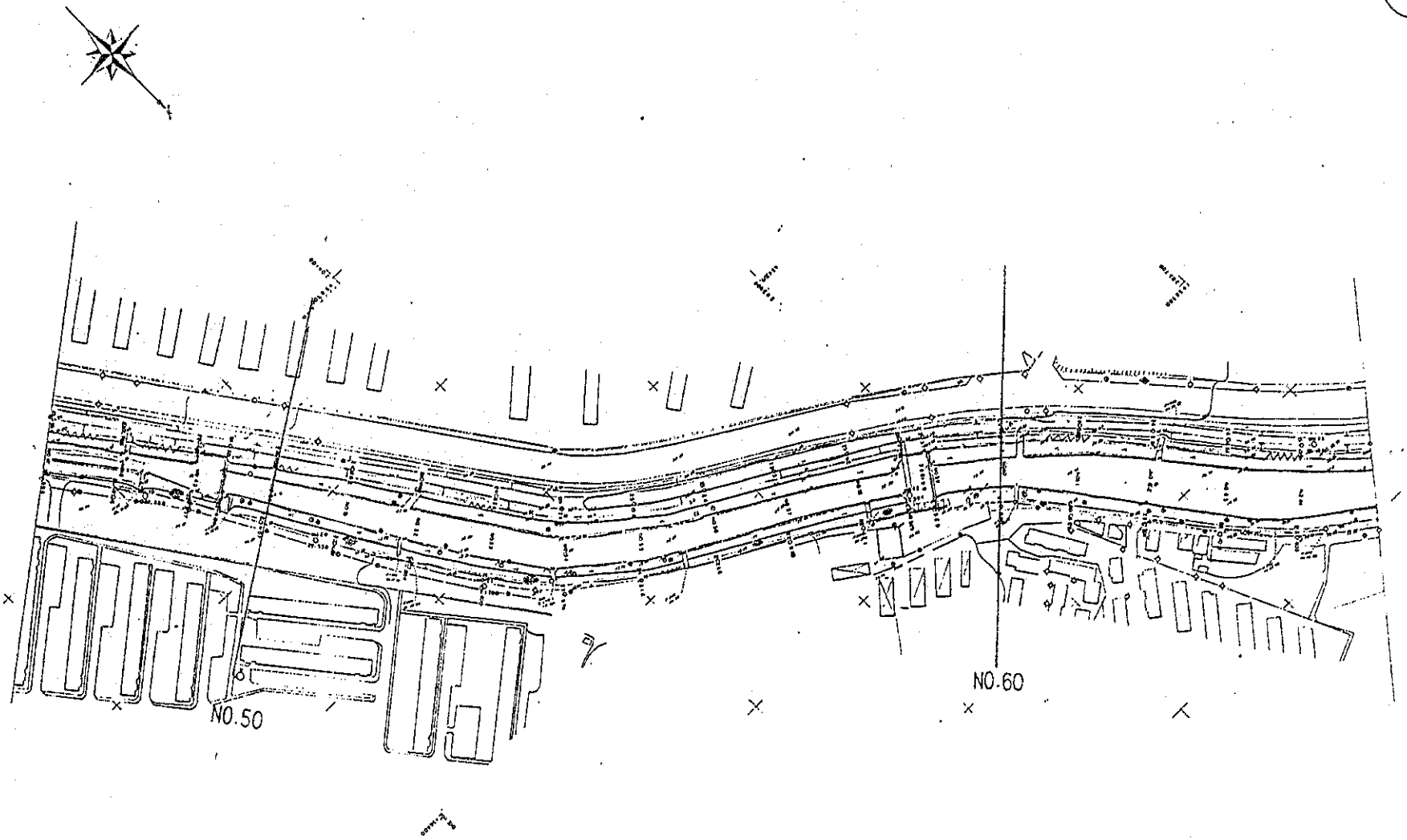


The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity



JICA STUDY TEAM

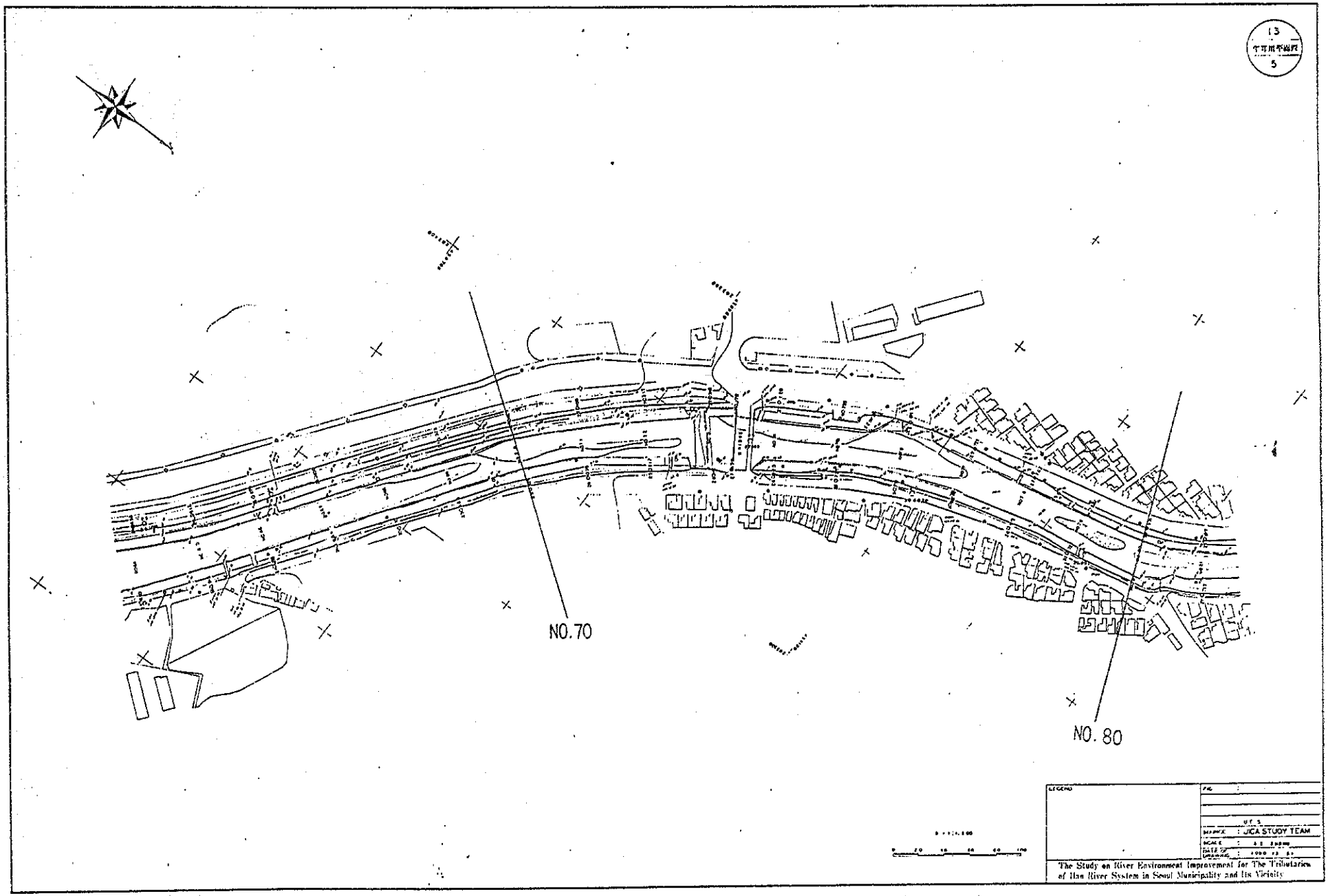
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Virinity



LEGEND

SOURCE : JICA STUDY TEAM

The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and its Virinity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NO. 80
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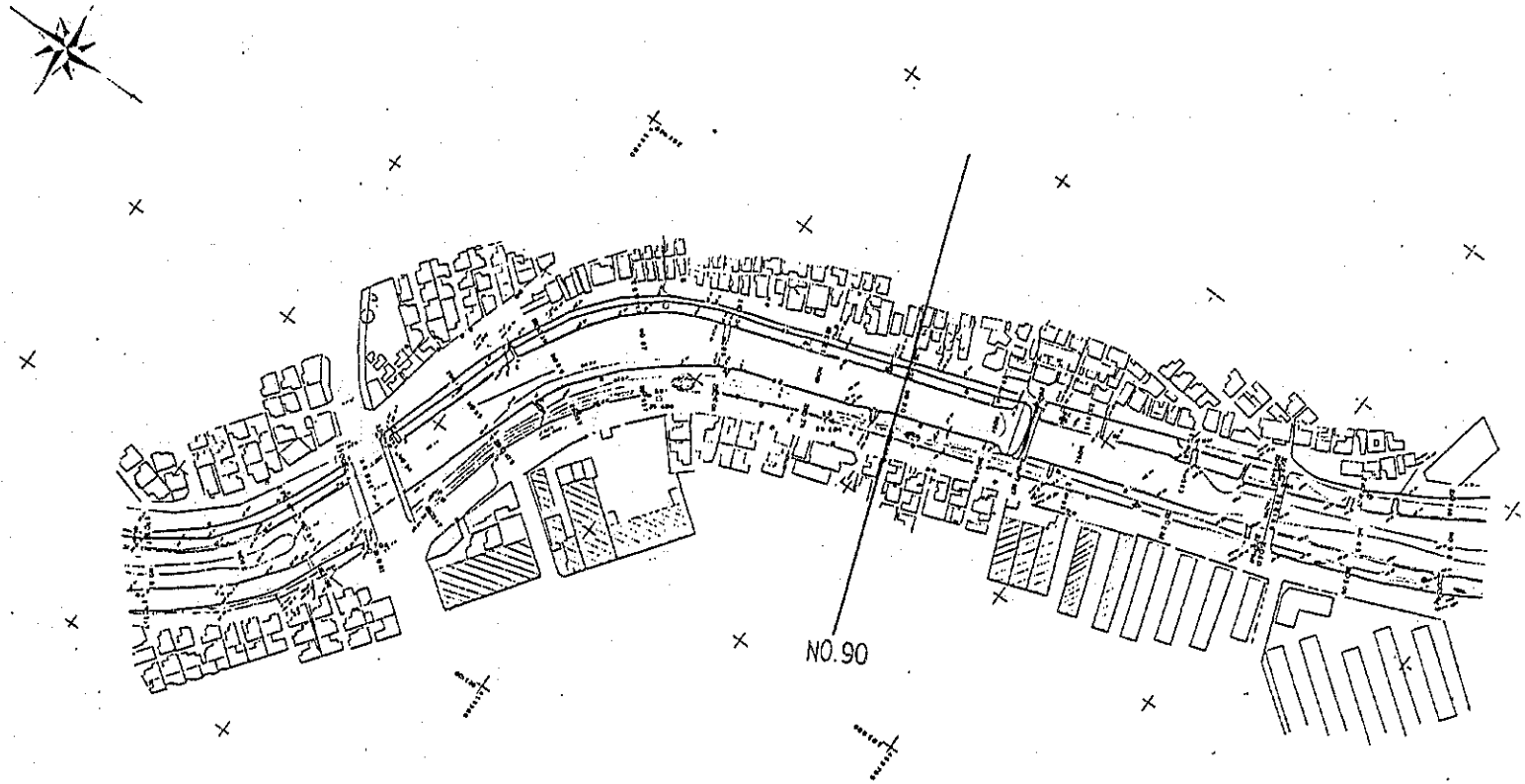
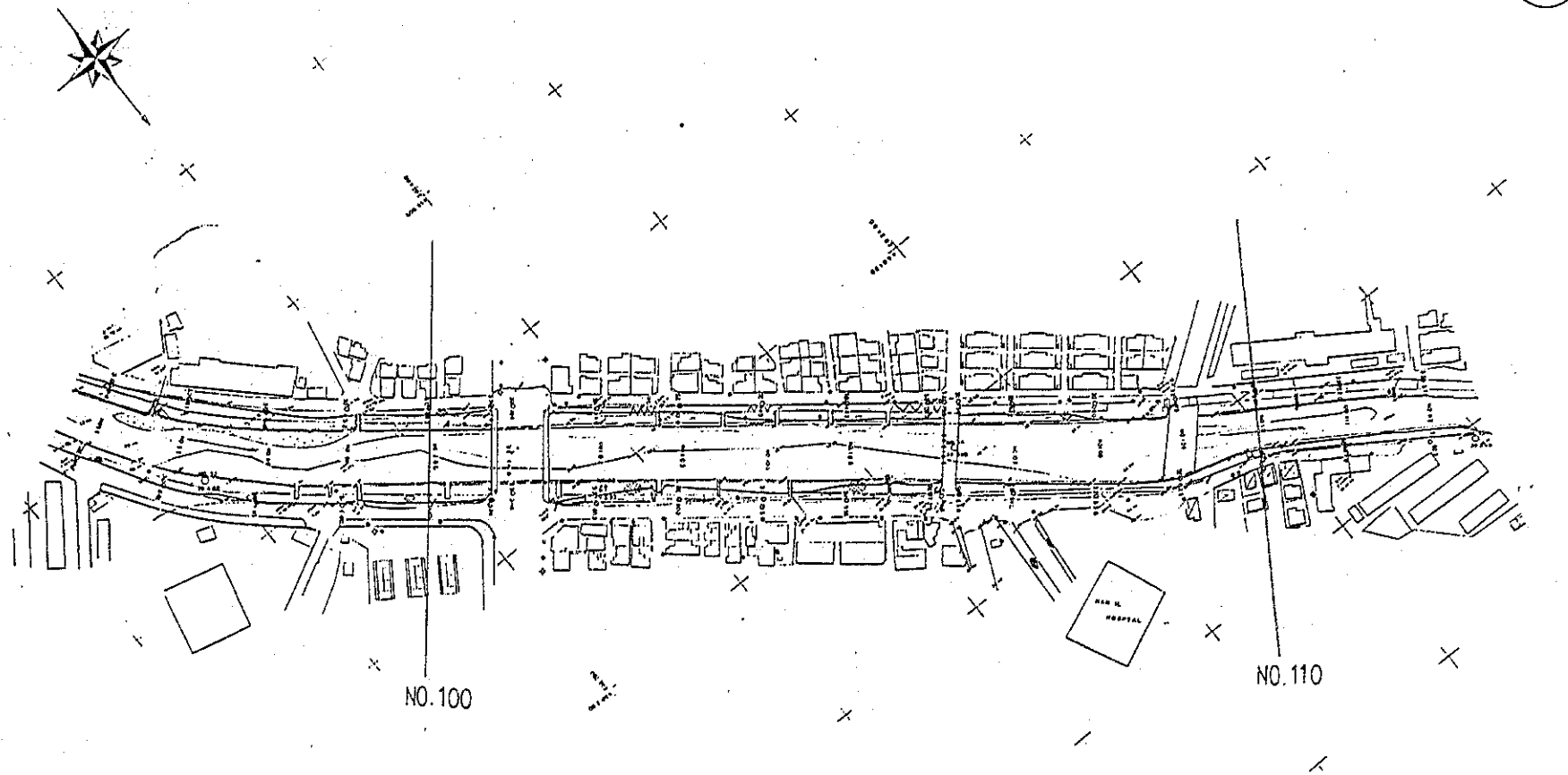
DRAWN : JICA STUDY TEAM
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity



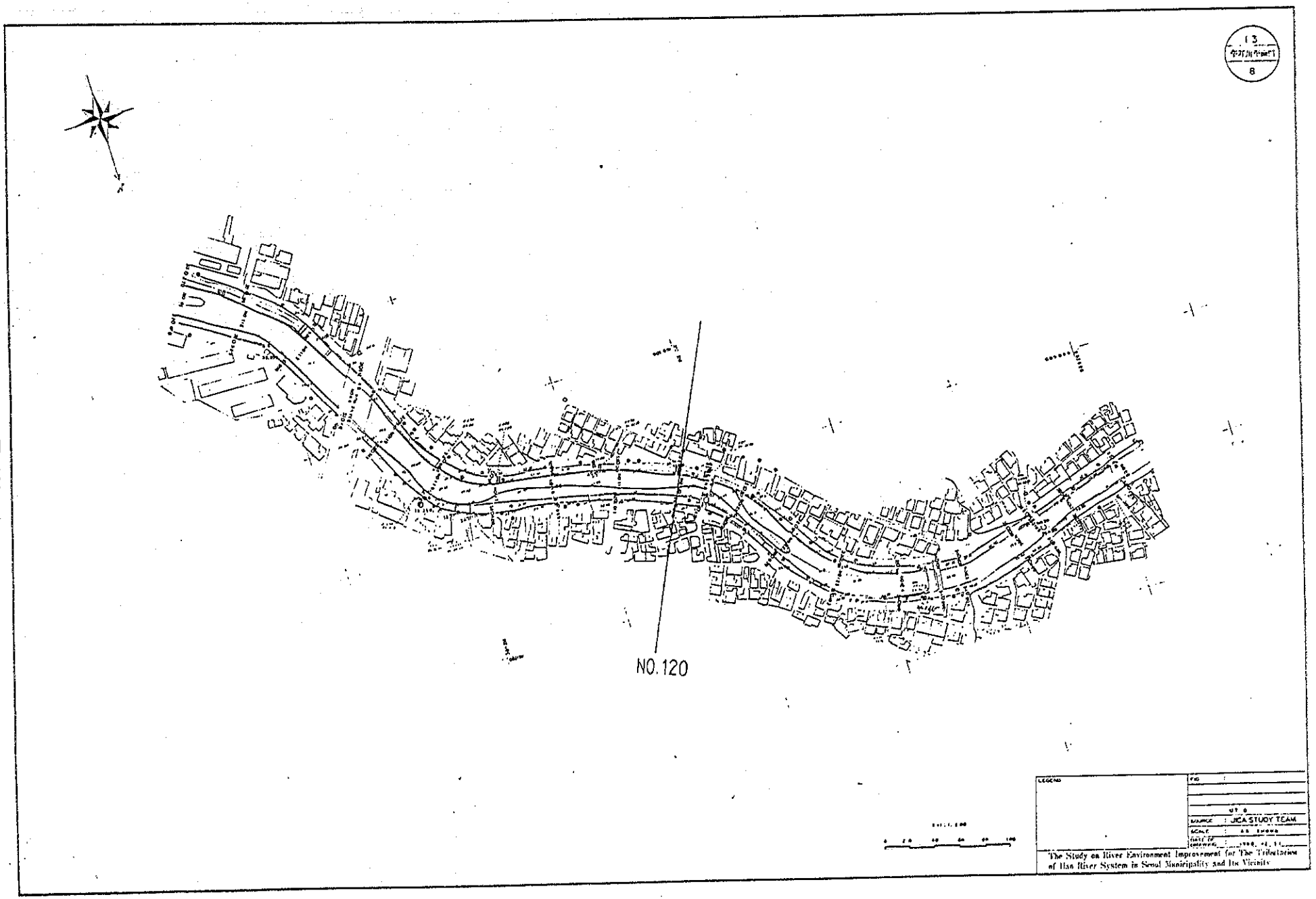
SOURCE : JICA STUDY TEAM

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



SOURCE : JICA STUDY TEAM

The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity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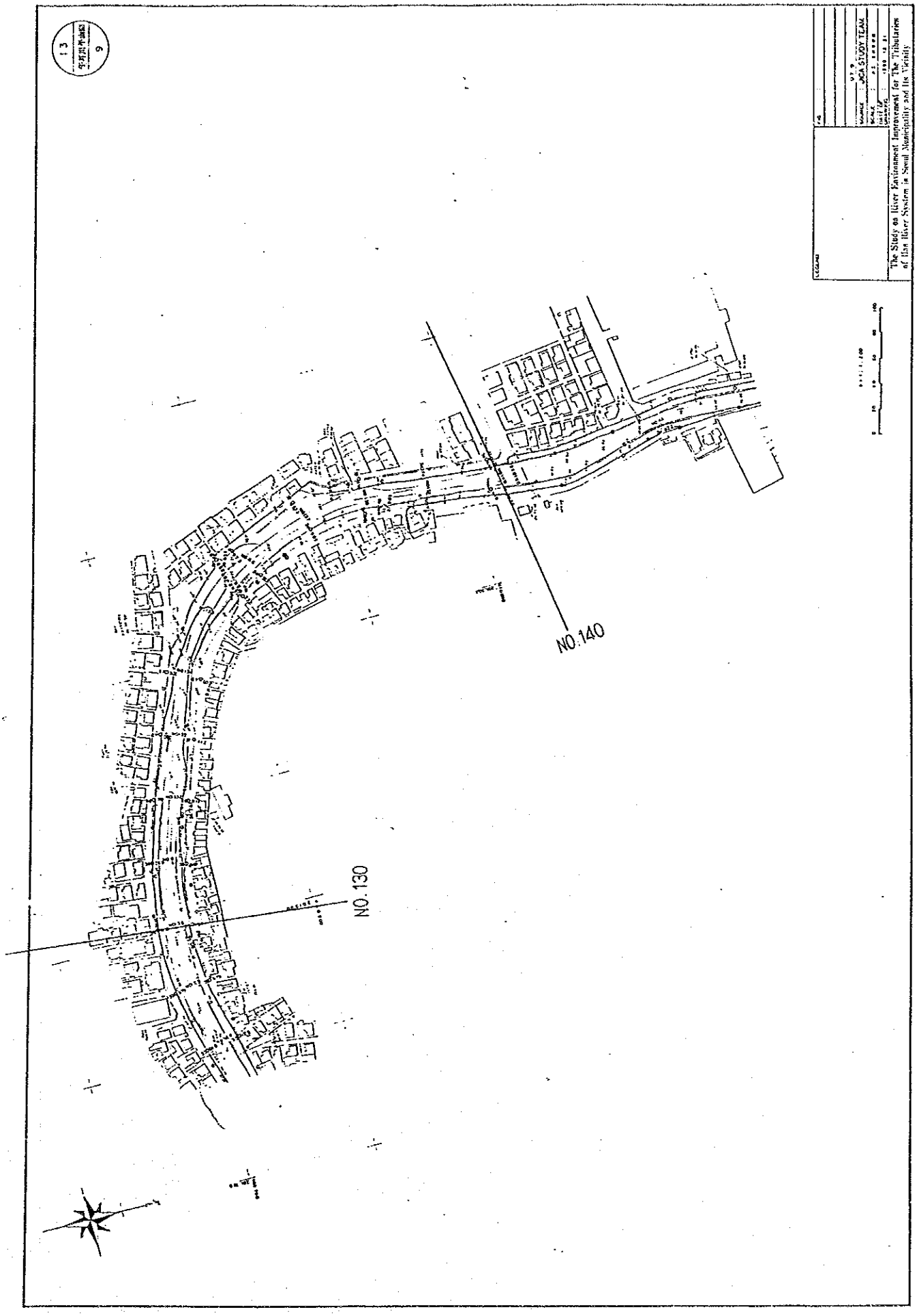
SOURCE : JICA STUDY TEAM
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity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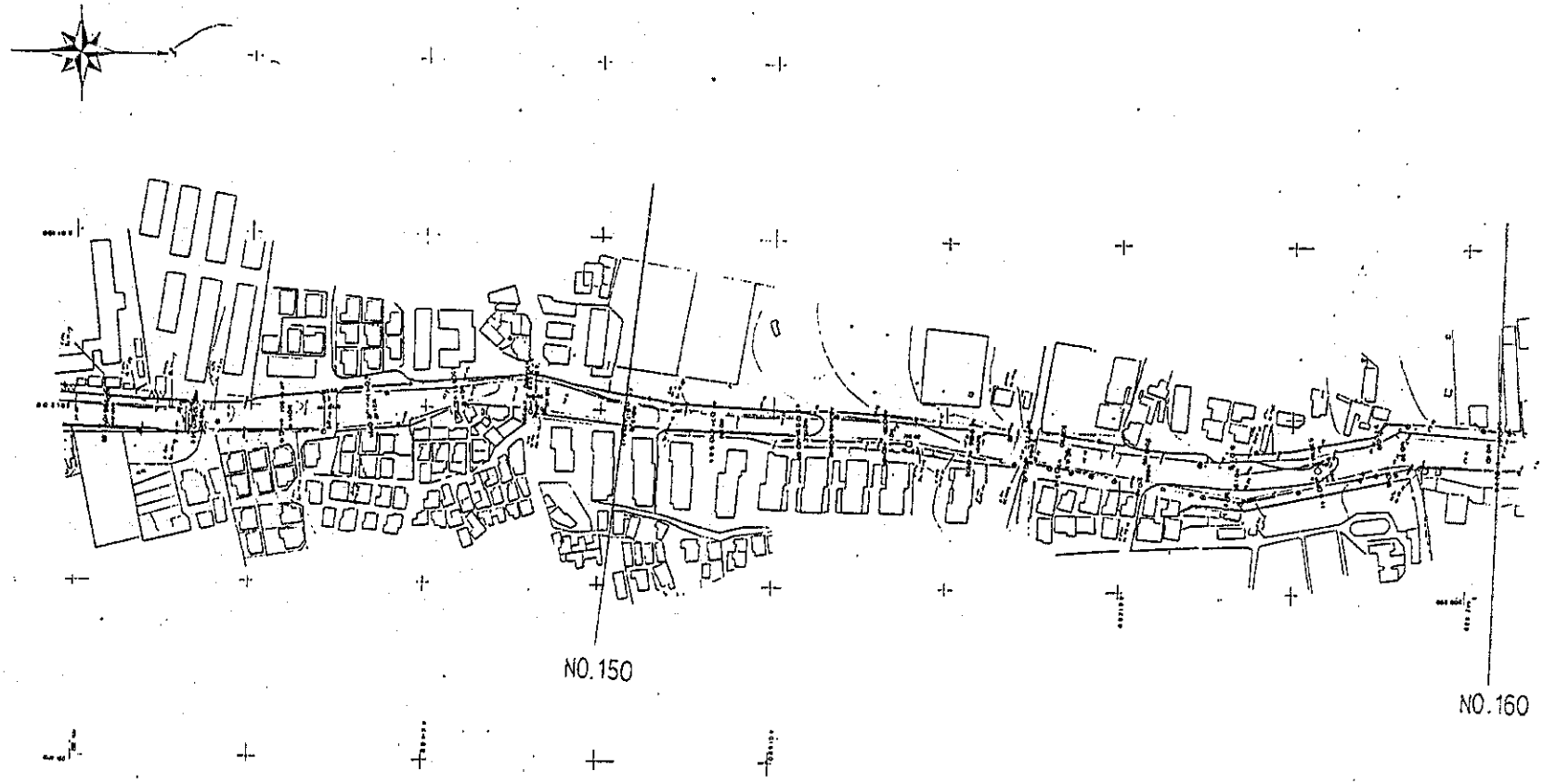
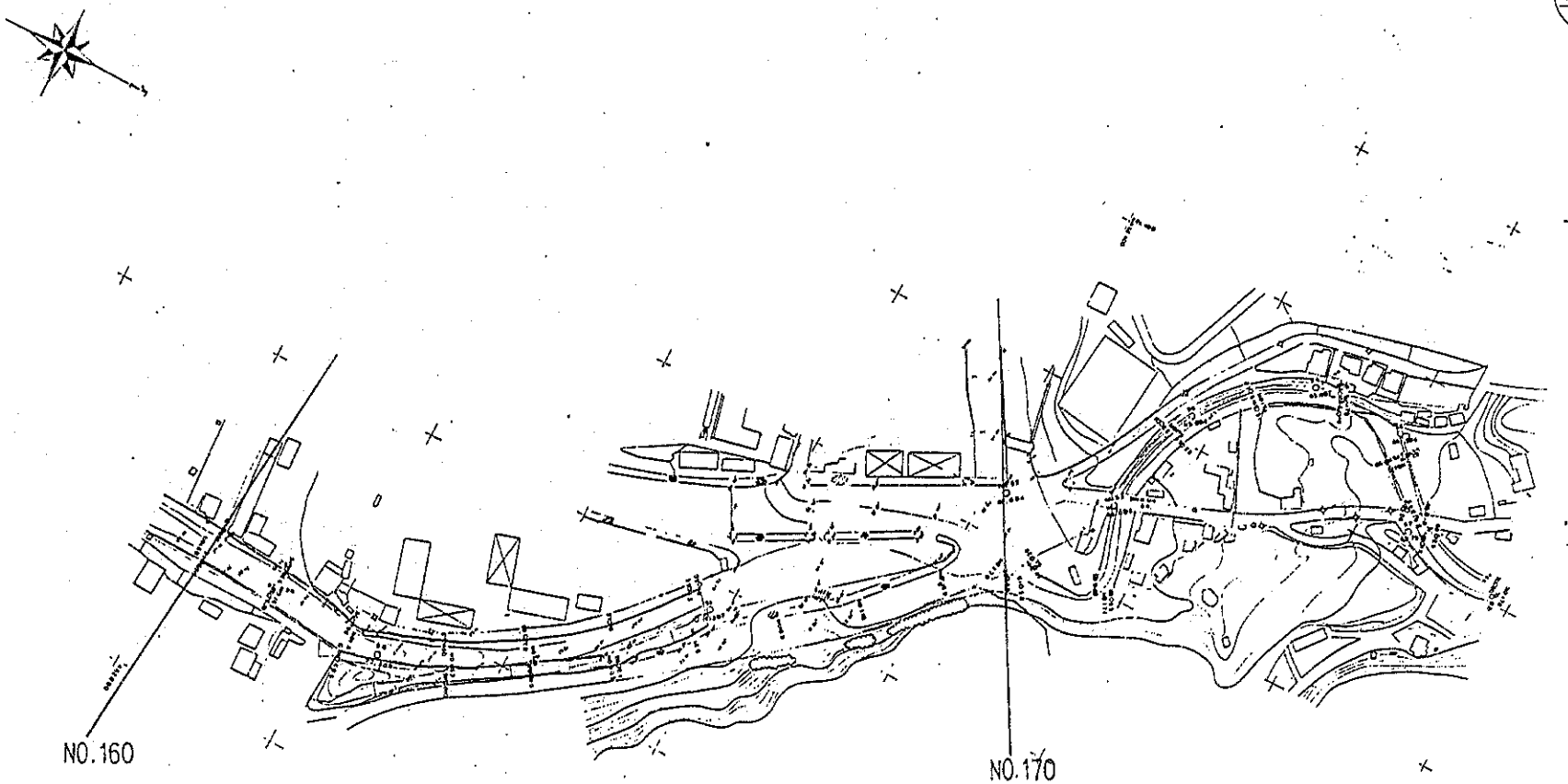
NO.130
The Study on River Environment Improvement for The Tributaries of the River System in Seoul Municipality and Its Vicinity



SOURCE : JICA STUDY TEAM

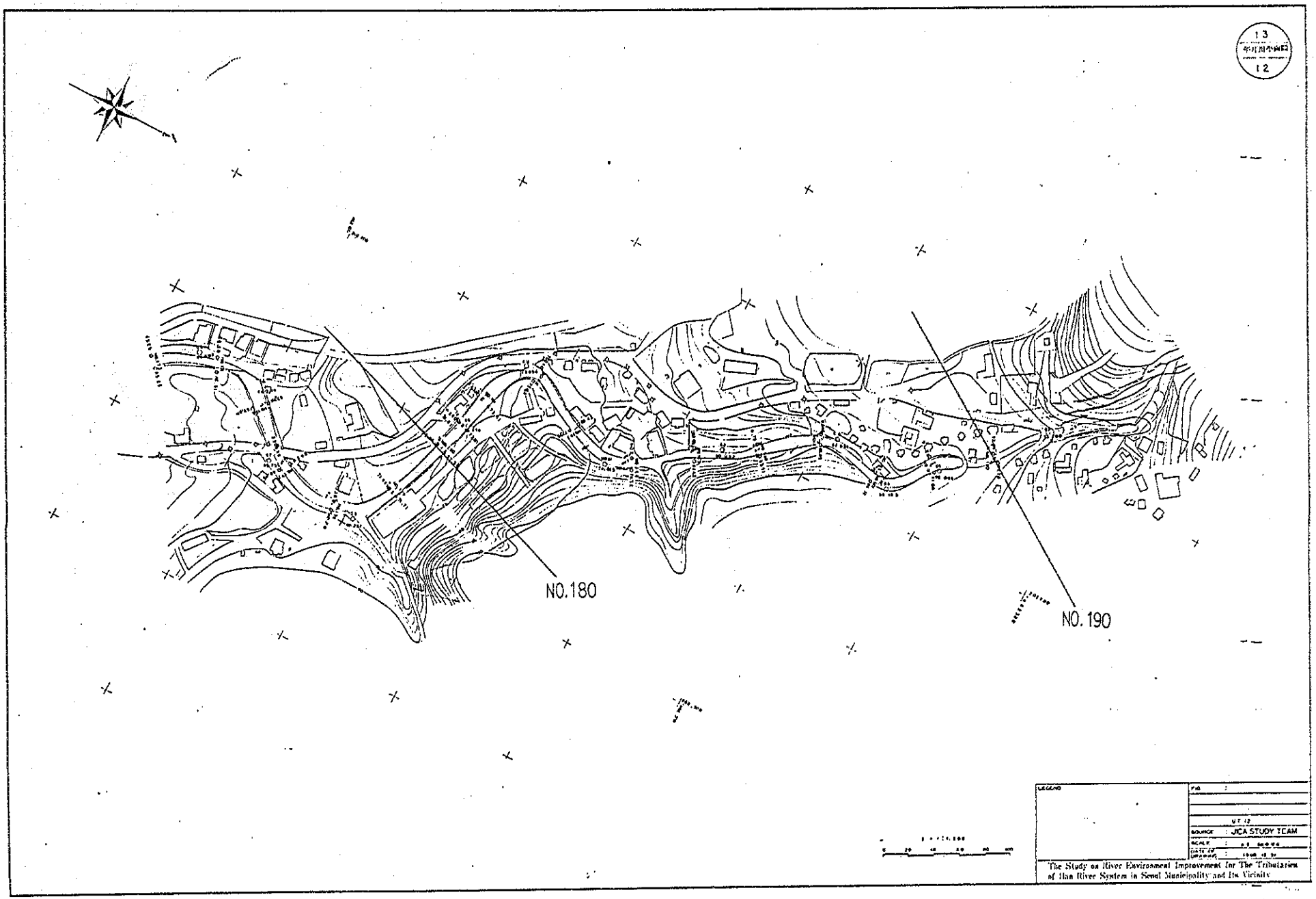
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

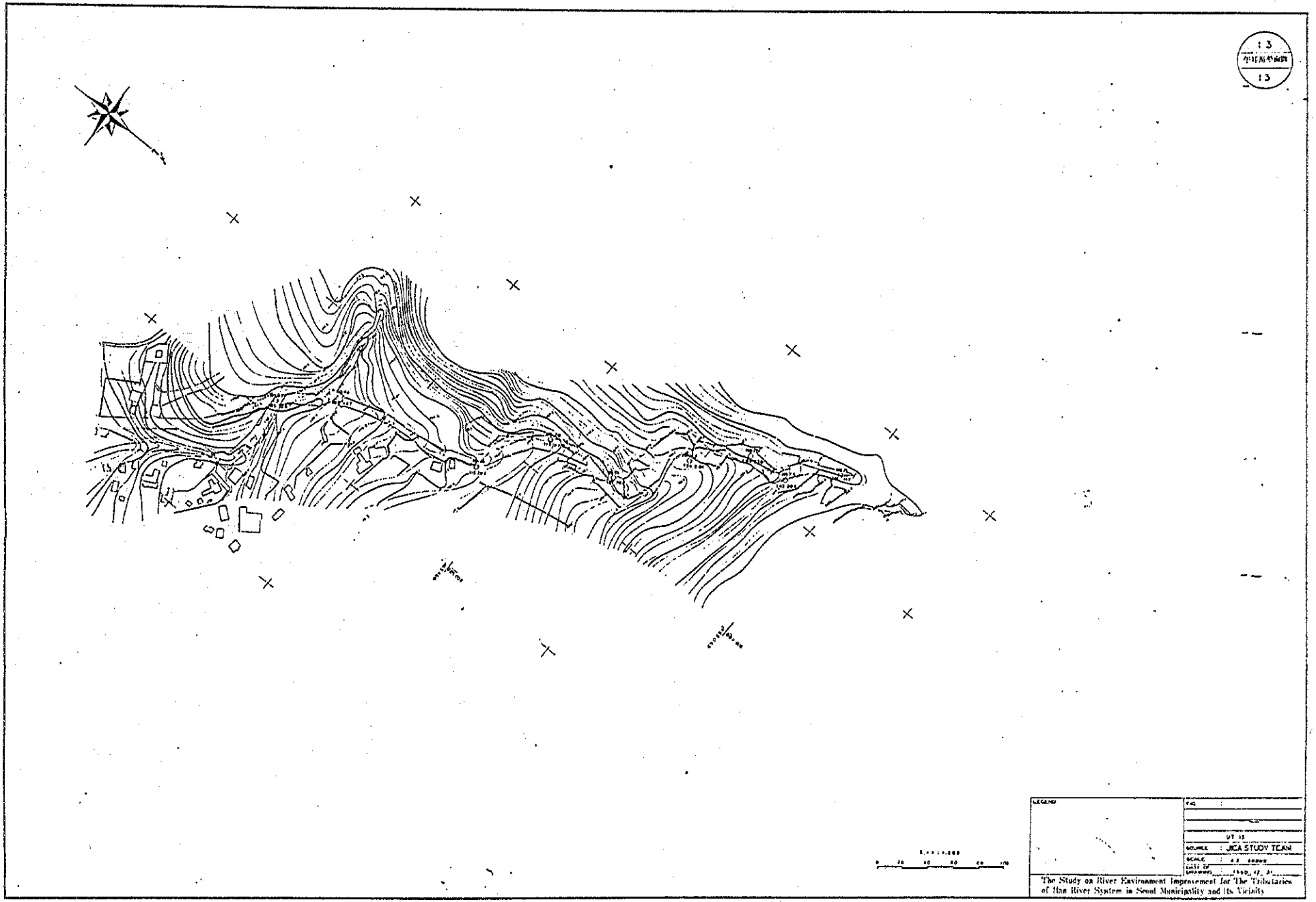


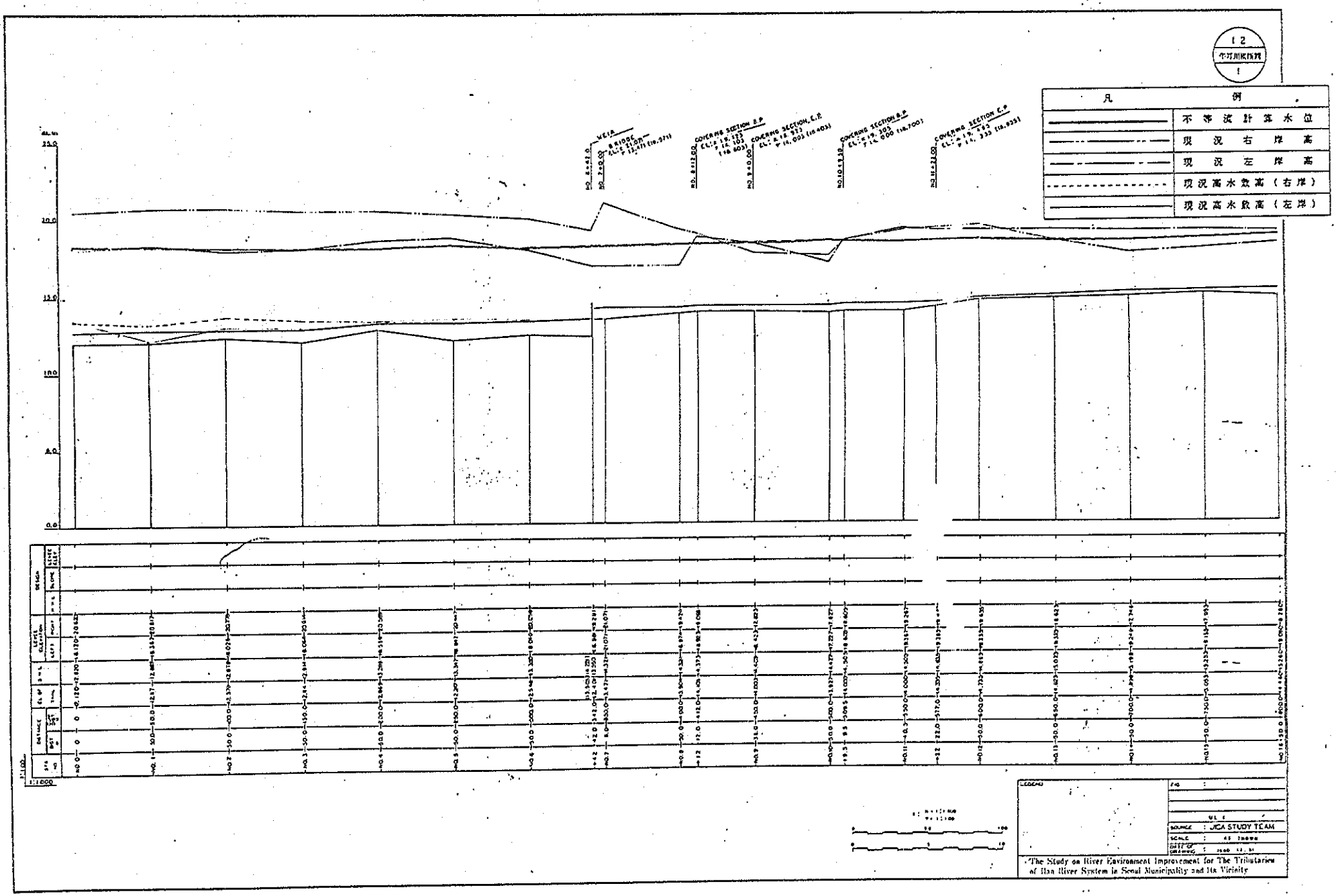
LEGEND

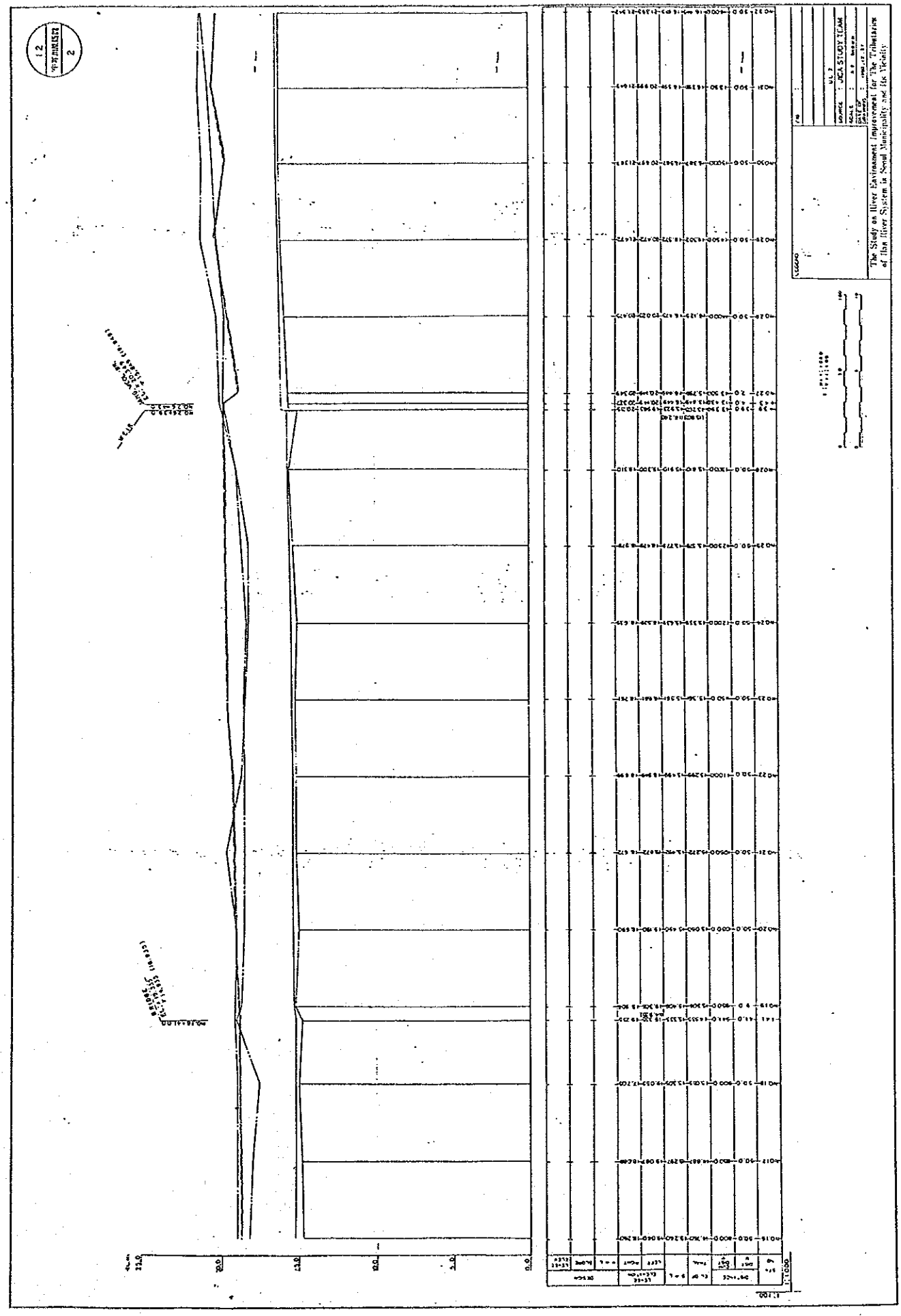
SOURCE : JICA STUDY TEAM

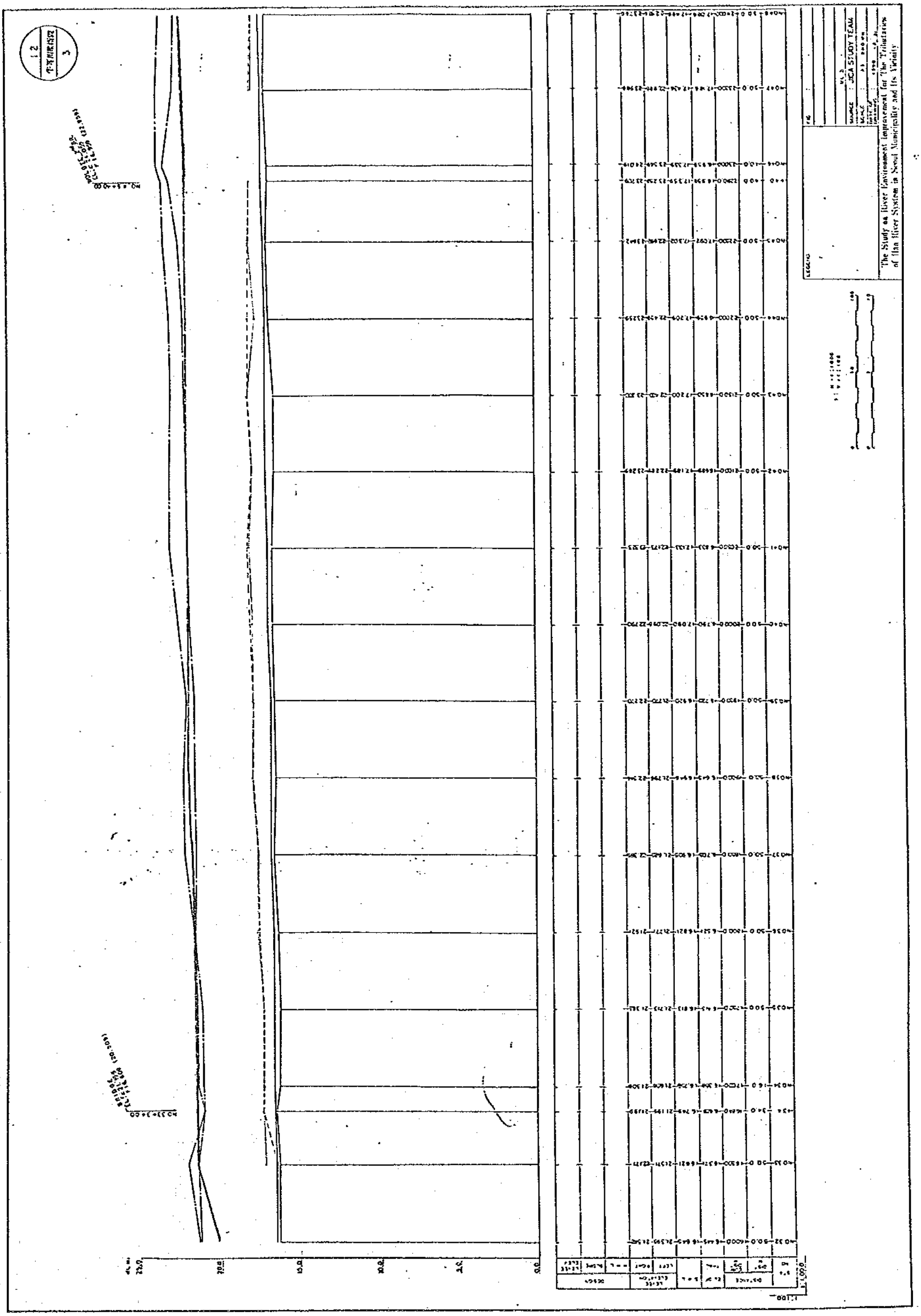
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity


13
12
NO.180
NO. 190
LEGEND
SOURCE : JICA STUDY TEAM
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

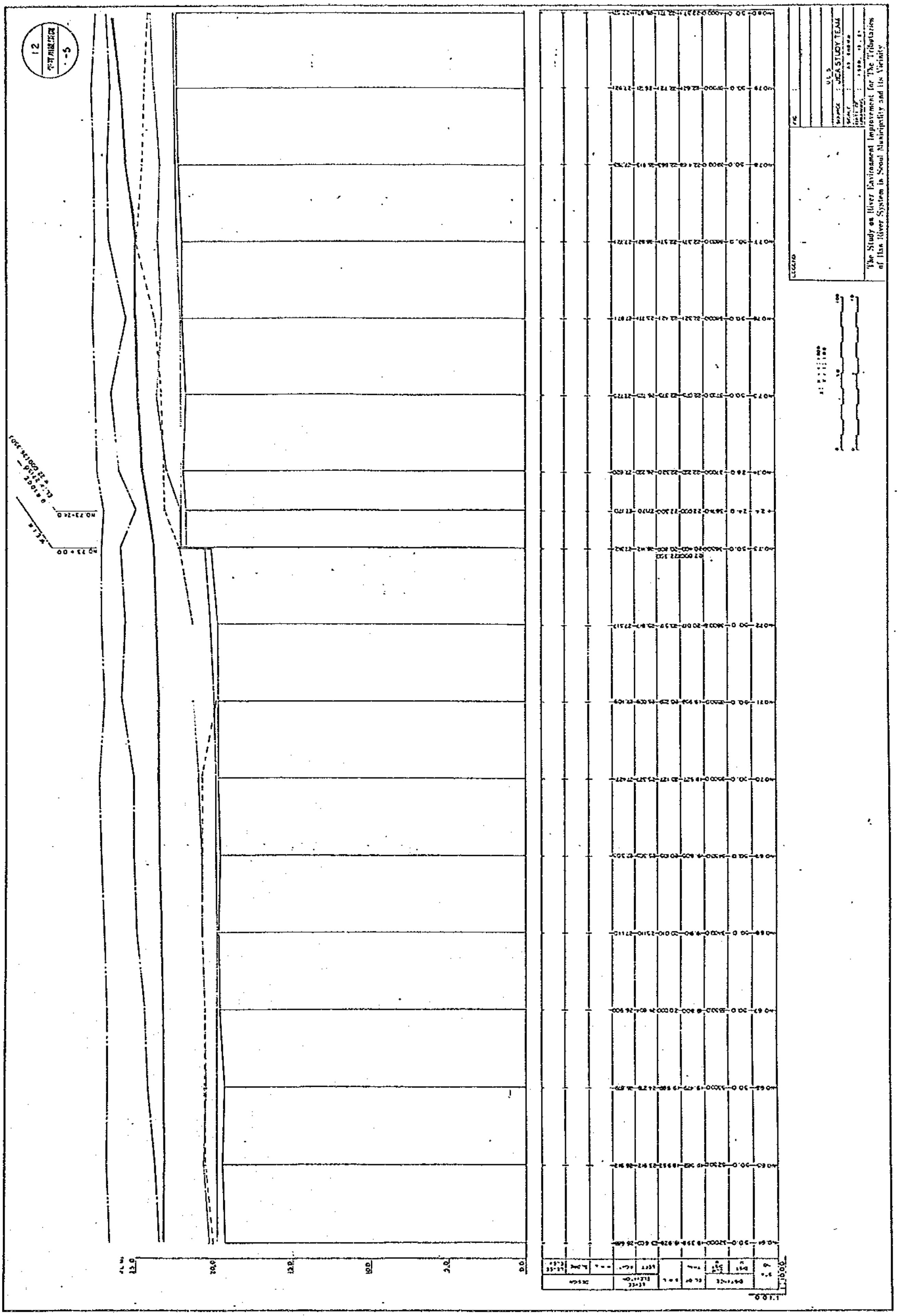

13
13
LEGEND
FIG.
UT 13
SOURCE JICA STUDY TEAM
SCALE
DATE OF SURVEYED 1989. 07. 31
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity


凡例
不等流計算水位
現況右岸高
現況左岸高
現況高水敷高（右岸）
現況高水敷高（左岸）
WEIR
BRIDGE
CONCRETE SECTION, B.P
CONCRETE SECTION, E.P
CONCRETE SECTION B.P
CONCRETE SECTION E.P
SOURCE : JICA STUDY TEAM
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity




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

12
4
The Study on River Environment Improvement for The Tributaries of Ina River System in Seoul Municipality and Its Vicinity
JICA STUDY TEAM

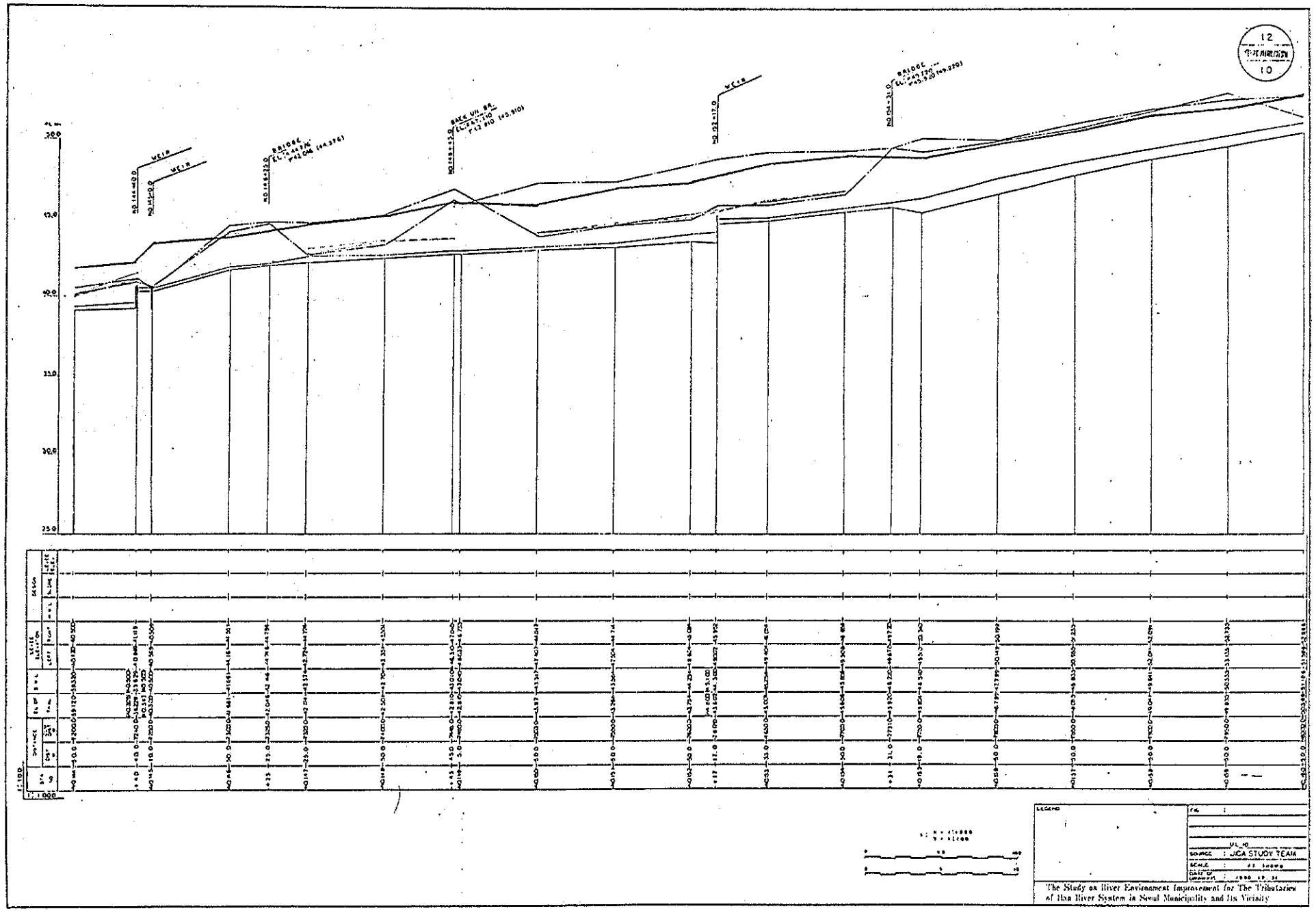

JICA STUDY TEAM
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

The Study on River Environment Improvement for The Tributaries of the River System in Seoul Municipality and Its Vicinity
JICA STUDY TEAM

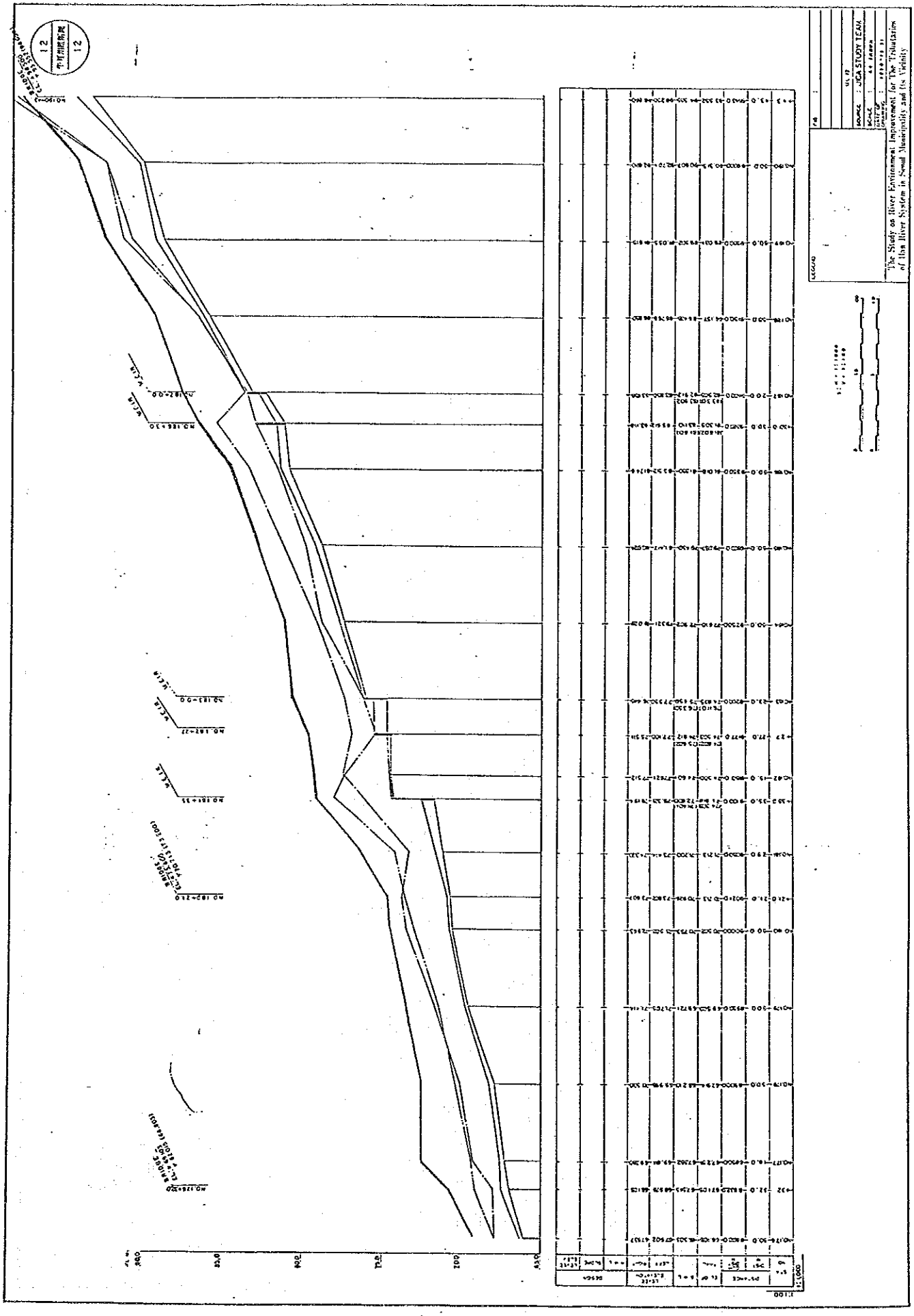
JICA STUDY TEAM
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Metropolitan and Its Vicinity

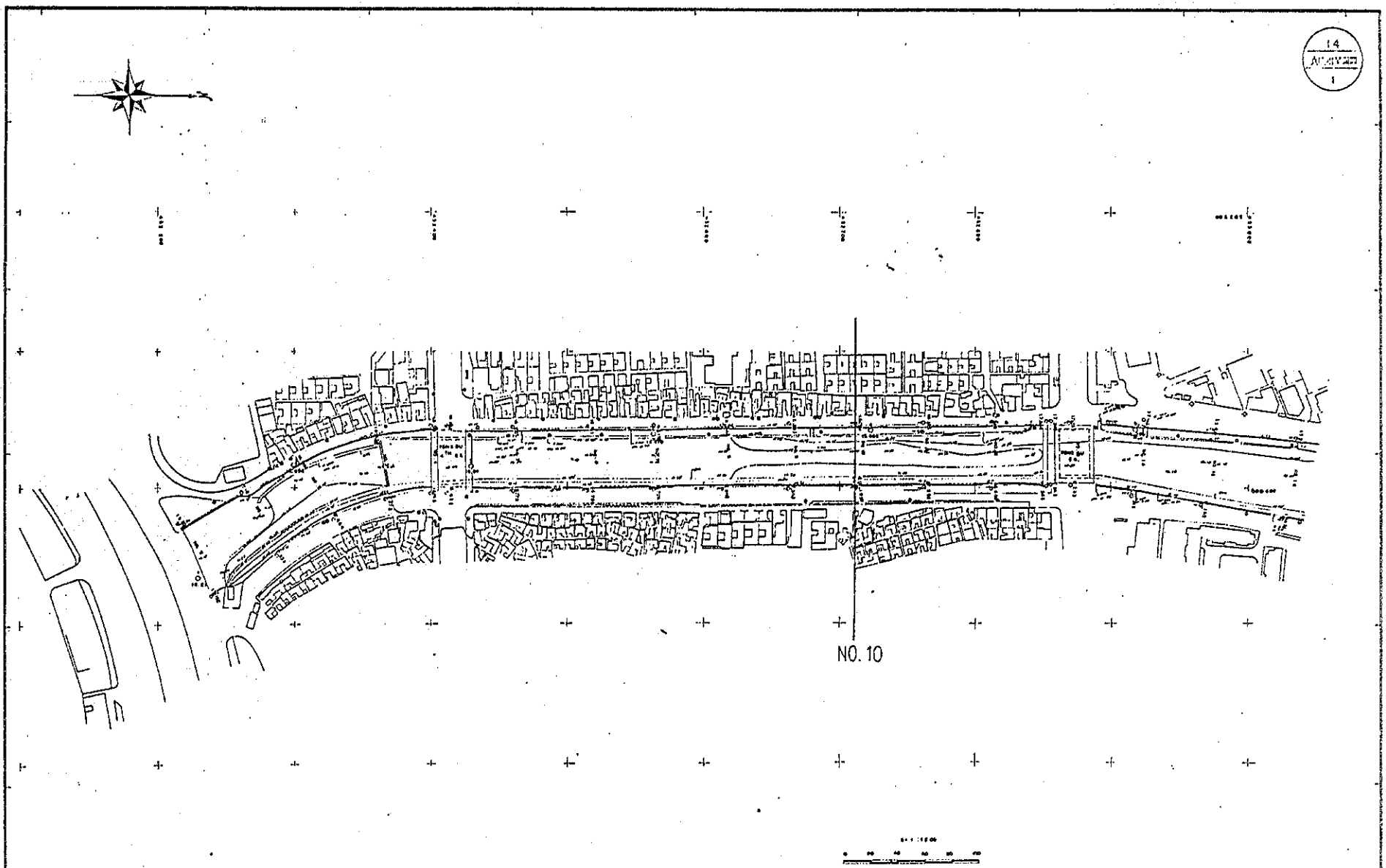
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity
JICA STUDY TEAM

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

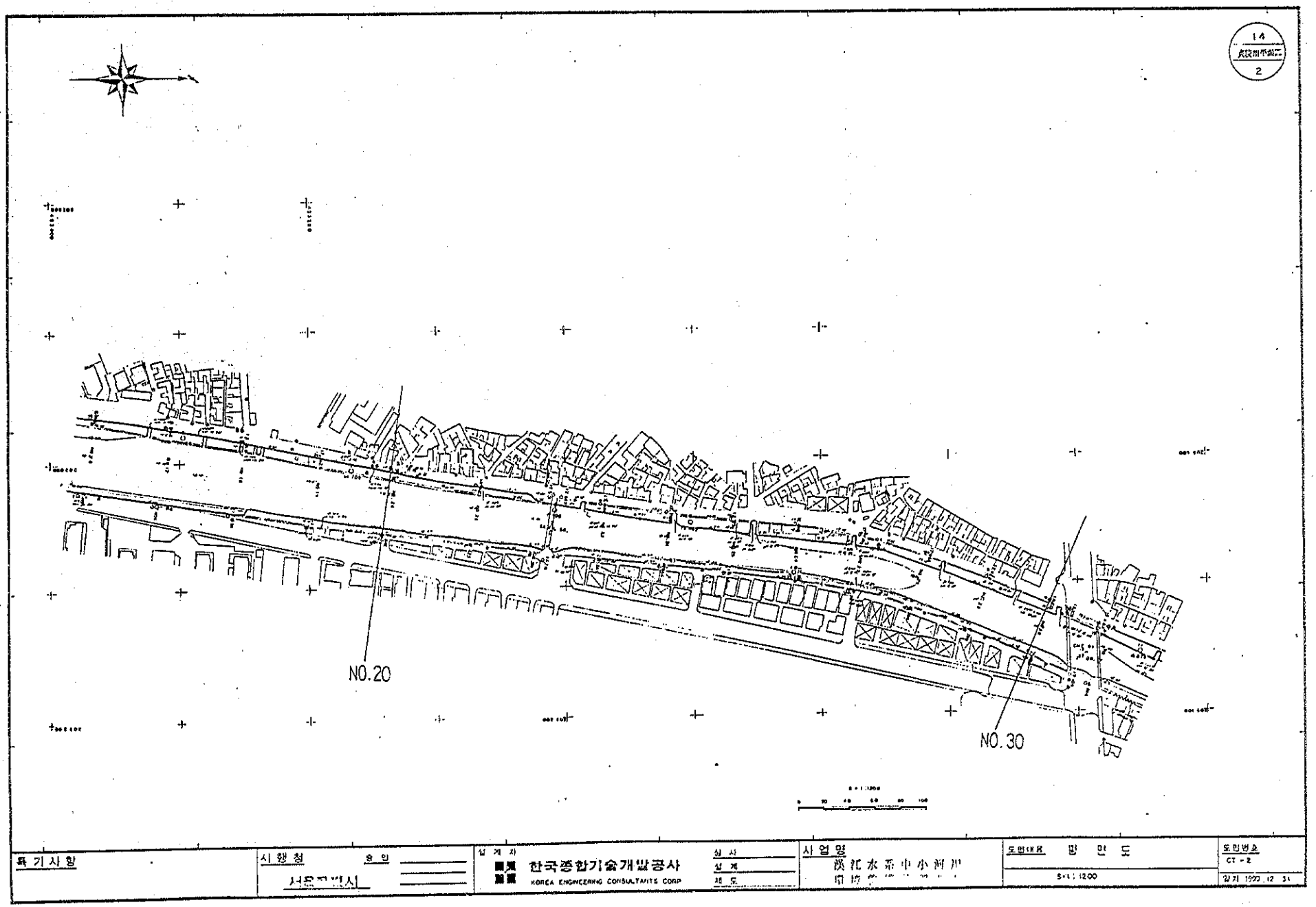

12
10
WEIR
WEIR
BRIDGE
BASE WH. BR.
WEIR
BRIDGE
30.0
25.0
LEGEND
UL-10
SOURCE : JICA STUDY TEAM
The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity

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

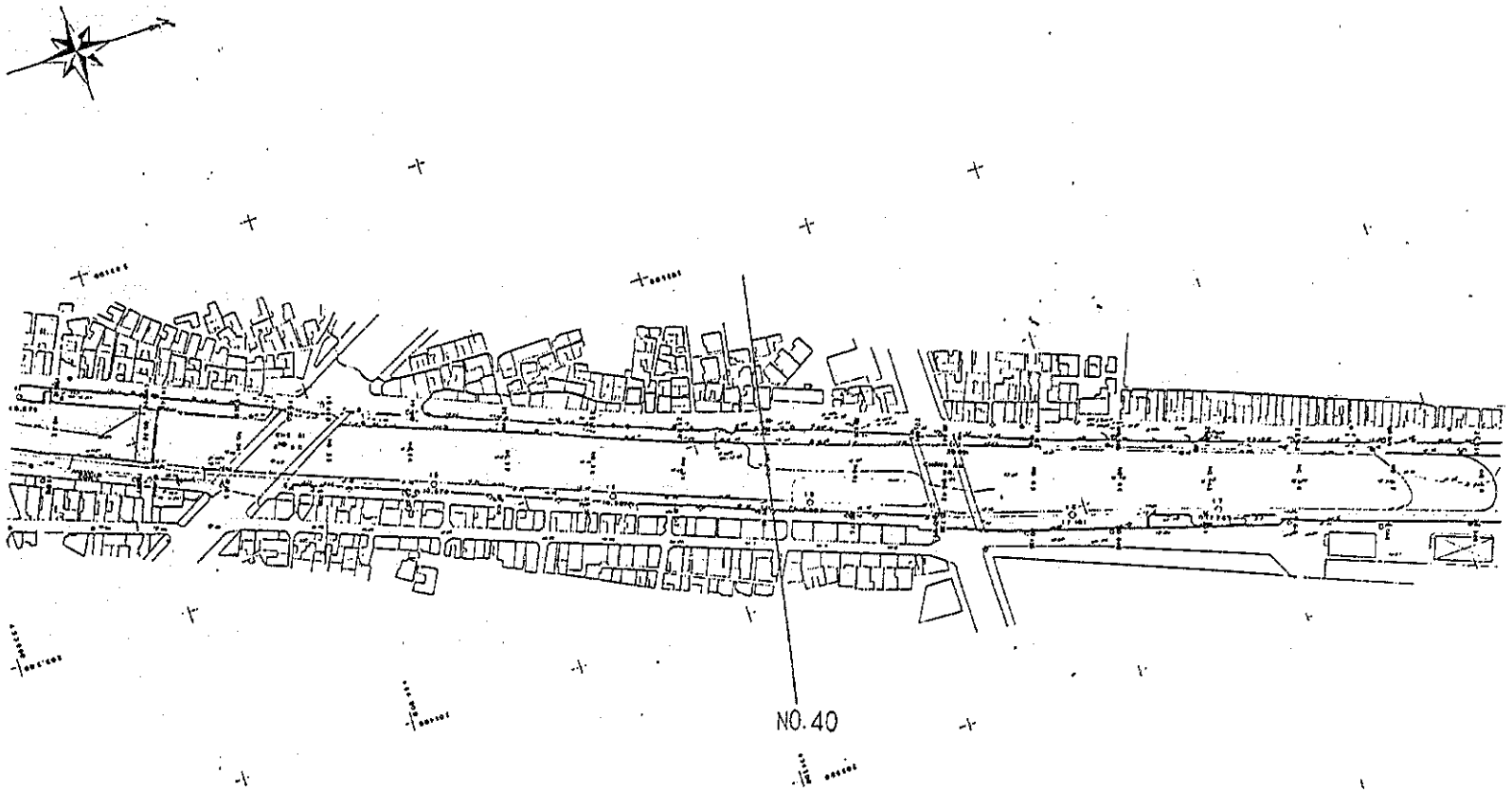

The Study on River Environment Improvement for The Tributaries of Han River System in Seoul Municipality and Its Vicinity
JICA STUDY TEAM



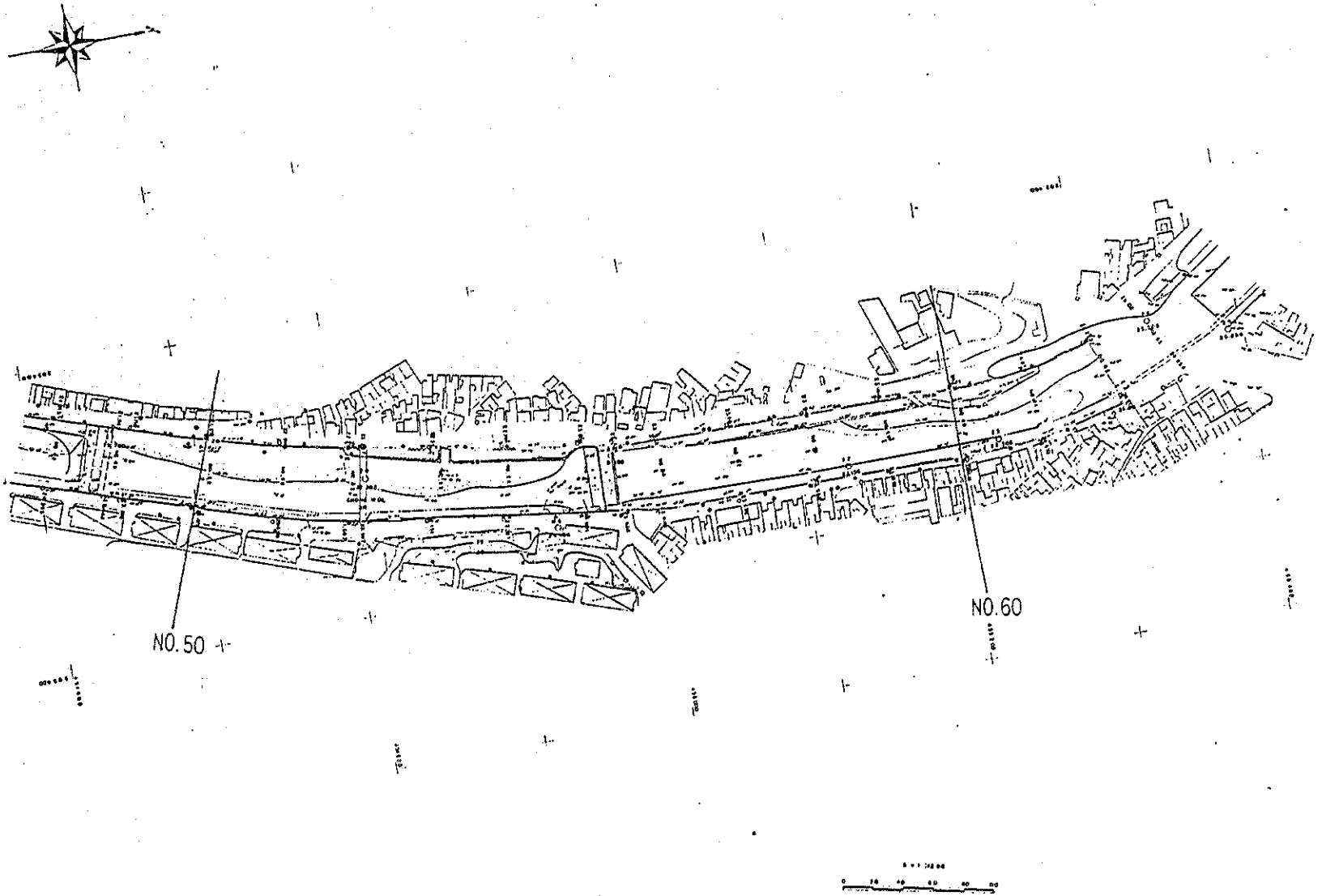
특기사항	시행청 서울특별시시	설계사 한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	사업명 漢江水系中小河川	도면내용 평 면 도 S=1:1200	도면번호 CY-1



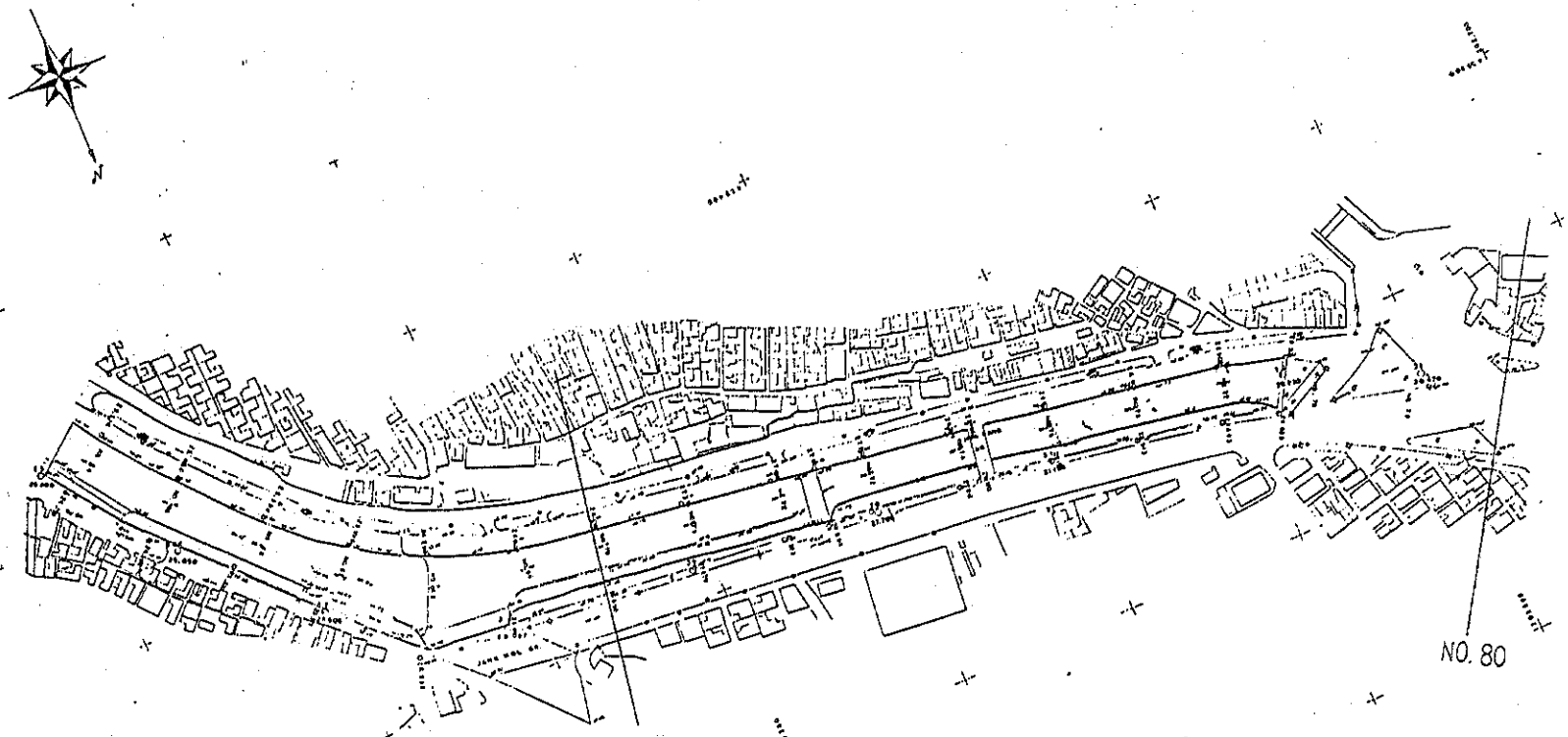
특기사항	시행청 서울특별시	범례	설계자 한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	설계	사업명 漢江水系中小河川	도면내용 평면도 S=1:1200	도면번호 CT-2



특기사항	시행청	용인	설계자	사업명	도면내용	도면번호
	시흥군청		한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP. 설사 설계 제도	烏汀水系中小河川	평 면 도 S=1:700	CY-3 일자 1990.12



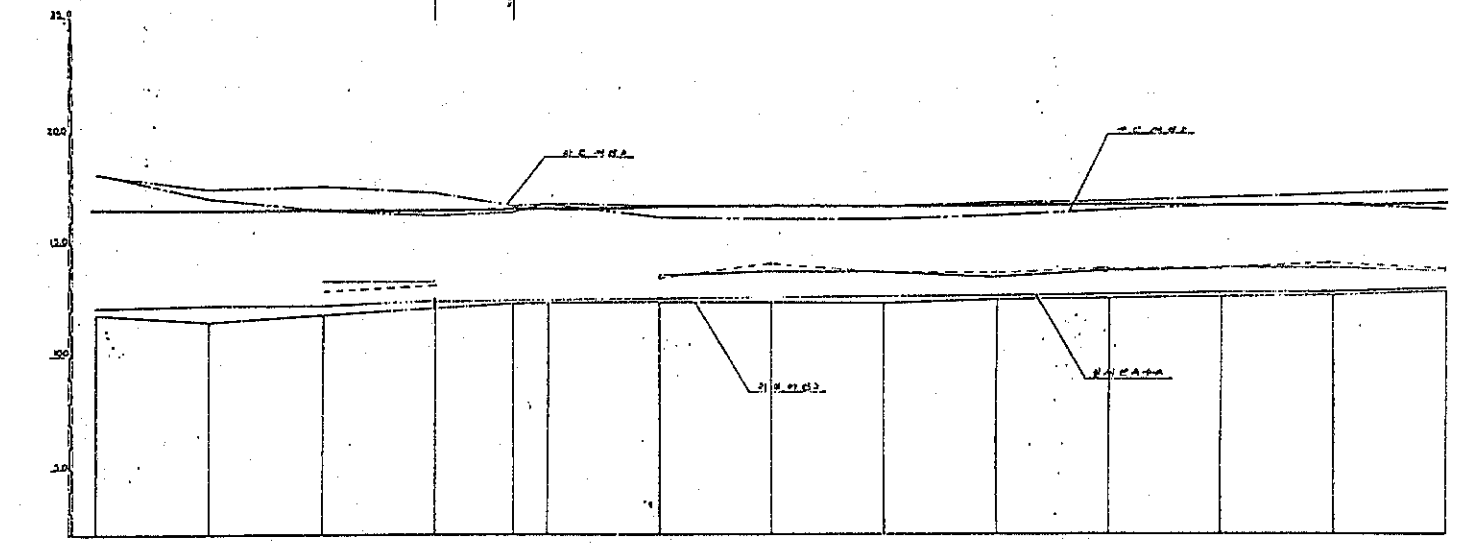
특기사항	시행청	범례	설계자	사업명	도면내용	도면번호
	서울특별시		한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	漢江水系中小河川	평 면 도	CY-4
			설사 / 설계 / 제도		S = 1:200	검지 1990. 12. 31

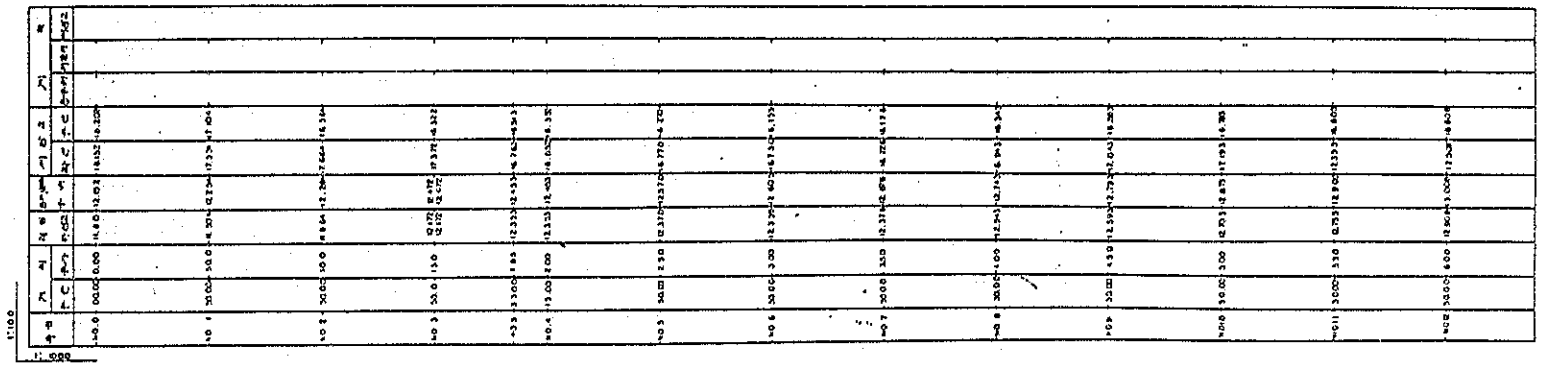


특기사항	시행청 / 서울특별시	용역	설계자 / 용역 / 감독 / 한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	상시 / 설계 / 제도	사업명 / 漢江水系中小河川	도면내용 / 평면도 / S = 1:1200	도면번호 / CT-5 / 일자 1990. 12. 31

凡	例
———	不等流計算水位
—·—·—	現況右岸高
—··—··—	現況左岸高
- - - - -	現況高水敷高（右岸）
———	現況高水敷高（左岸）

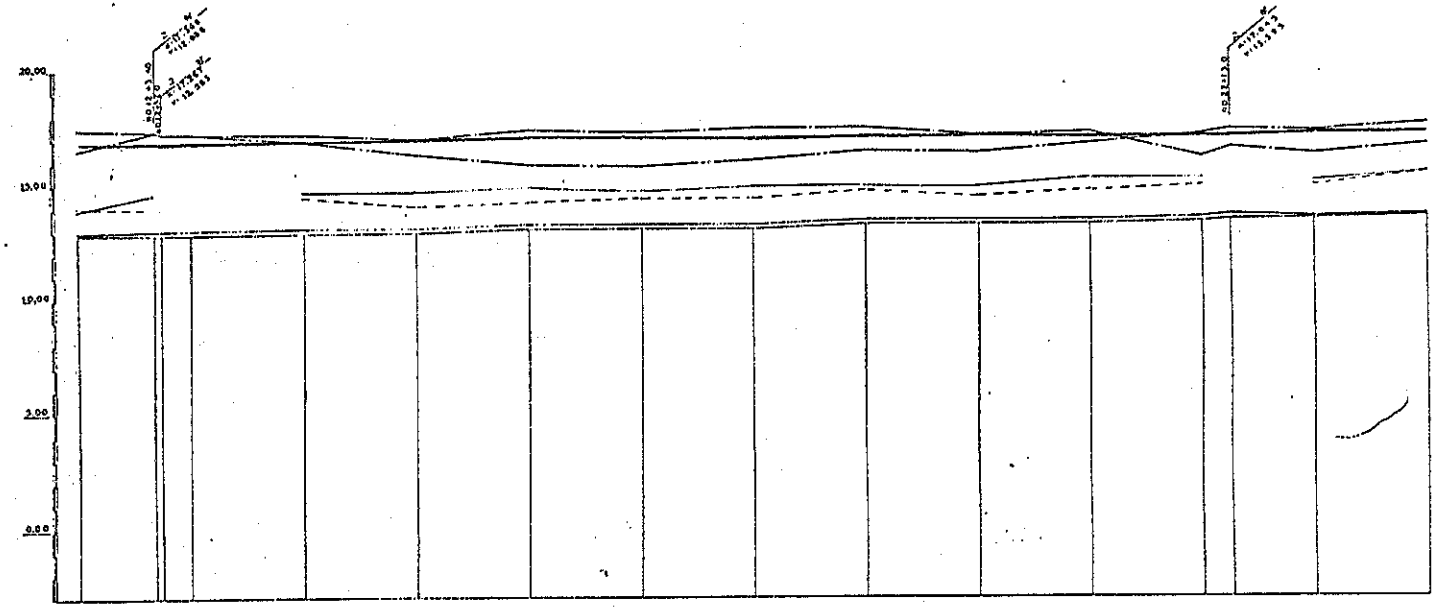
18
六郎川流域図
1

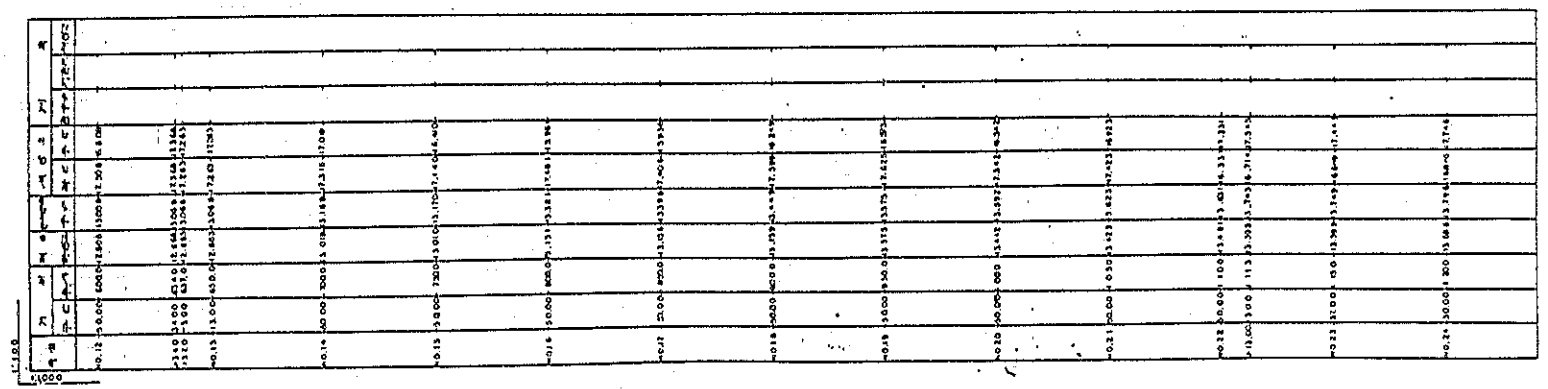




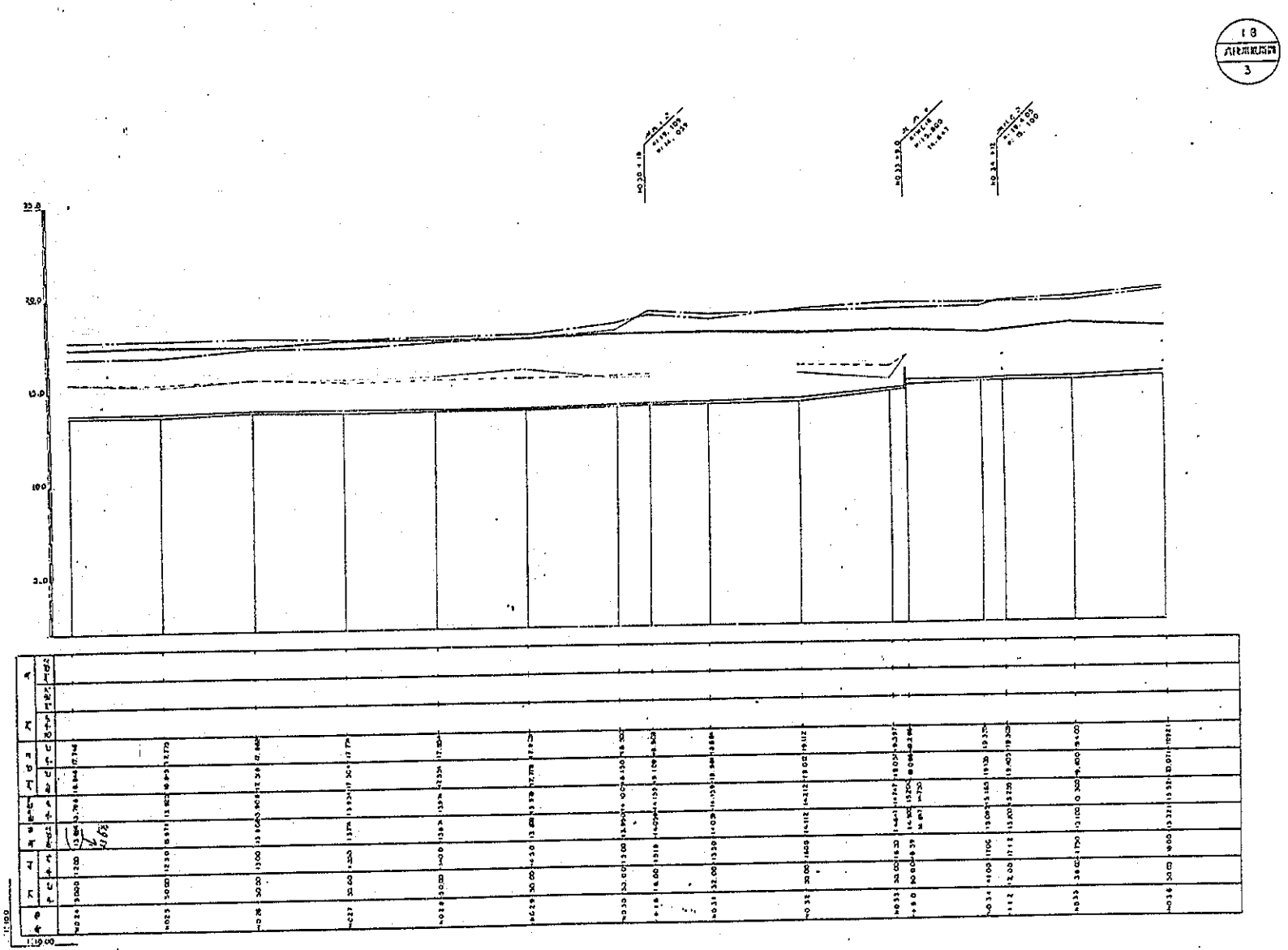
特記事項	施設名	凡例	設計者		事業名	図面内容	図面番号
	서울특별시		한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	計画	漢江水系中小河川環境整備計画調査	縦断図（1）	CL-1
							日付 1990.12.31

18
2





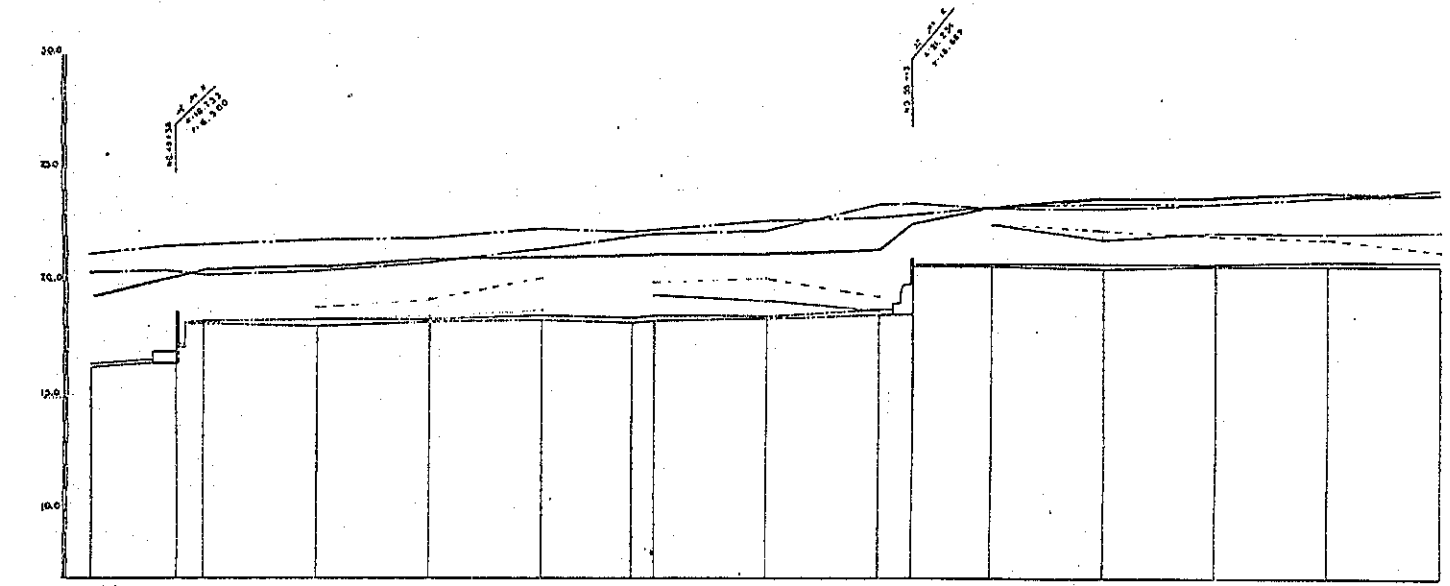
특기사항	시행청 서울특별시	용역	설계사 한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	사업명 漢江水系中小河川 氾濫被害計劃調査	도면내용 종 단 면 도 (2) V 1:1000 H 1:1000 / 일자 1990. 12. 31	도면번호 CL-2

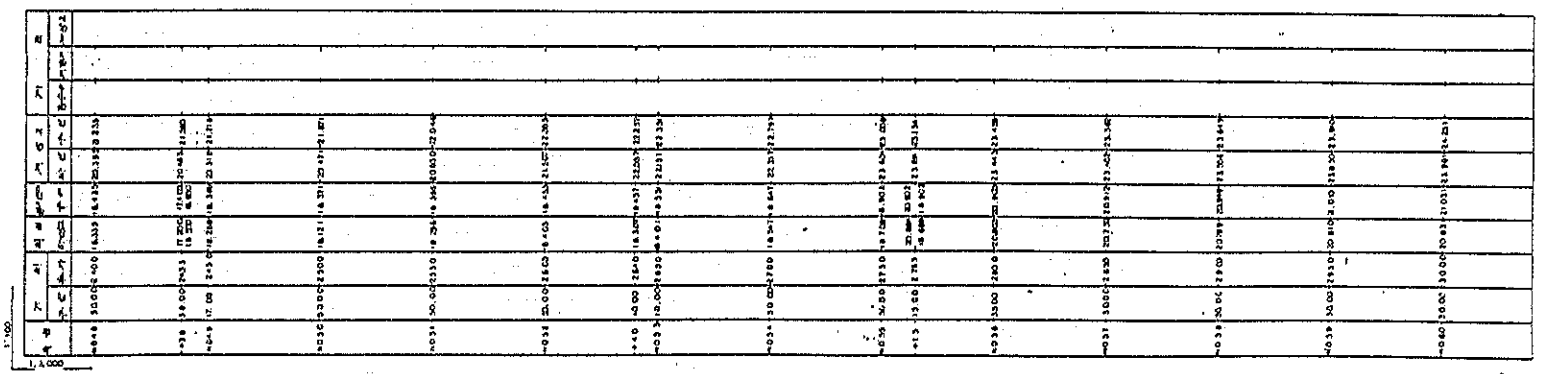


책 기 사 항	시 행 청 서울특별시	설계시 한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	사 업 명 漢江水系中小河川 環境保護計劃調査	도면내용 종 단 면 도 (3)	도면번호 CL-3 일 자 1990. 12. 31

횡 단 면 도 (4)
한국종합기술개발공사
KOREA ENGINEERING CONSULTANTS CORP.
서울특별시
시 생 천
유기사원

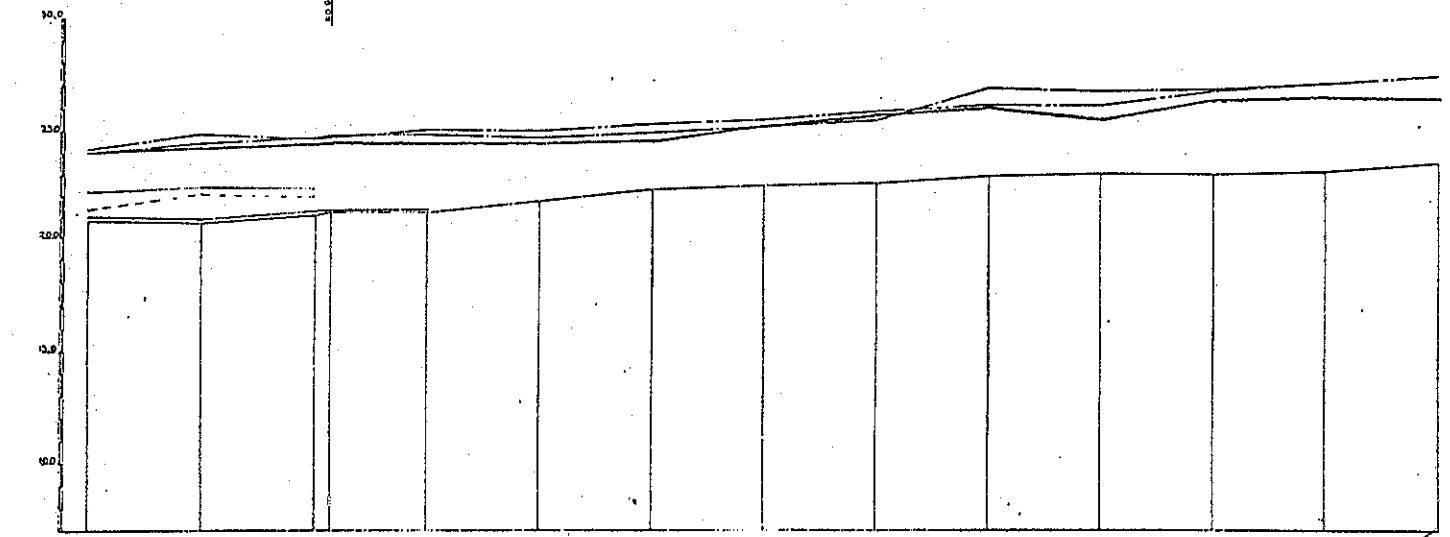
18
서울지방국토관리청
5

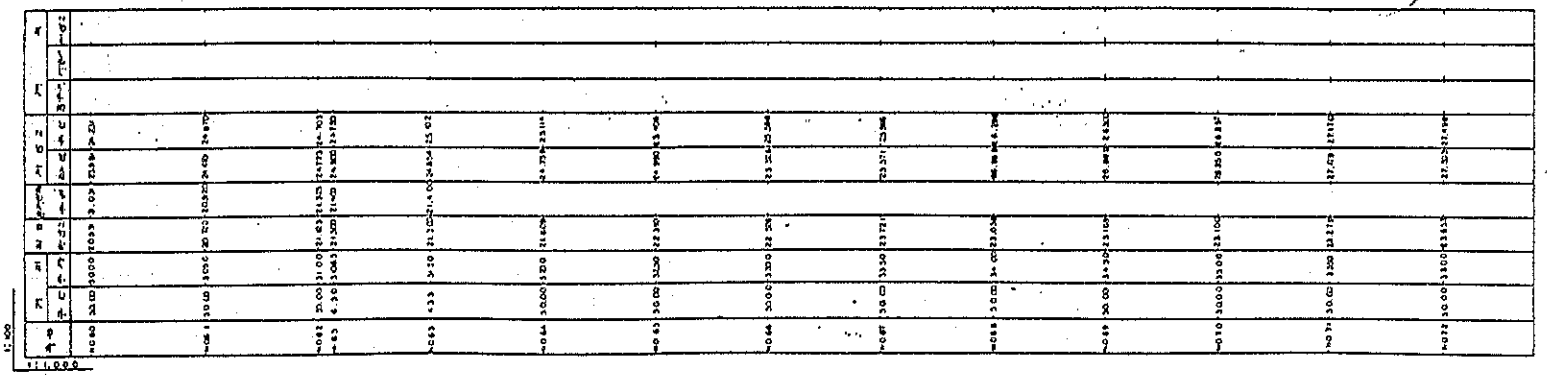




특기사항	시행청	설계사	사업명	도면내용	도면번호
	서울특별시	한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP.	漢江水系中小河川 改修應急計劃調査	종 단 면 도 (5)	CL - 5

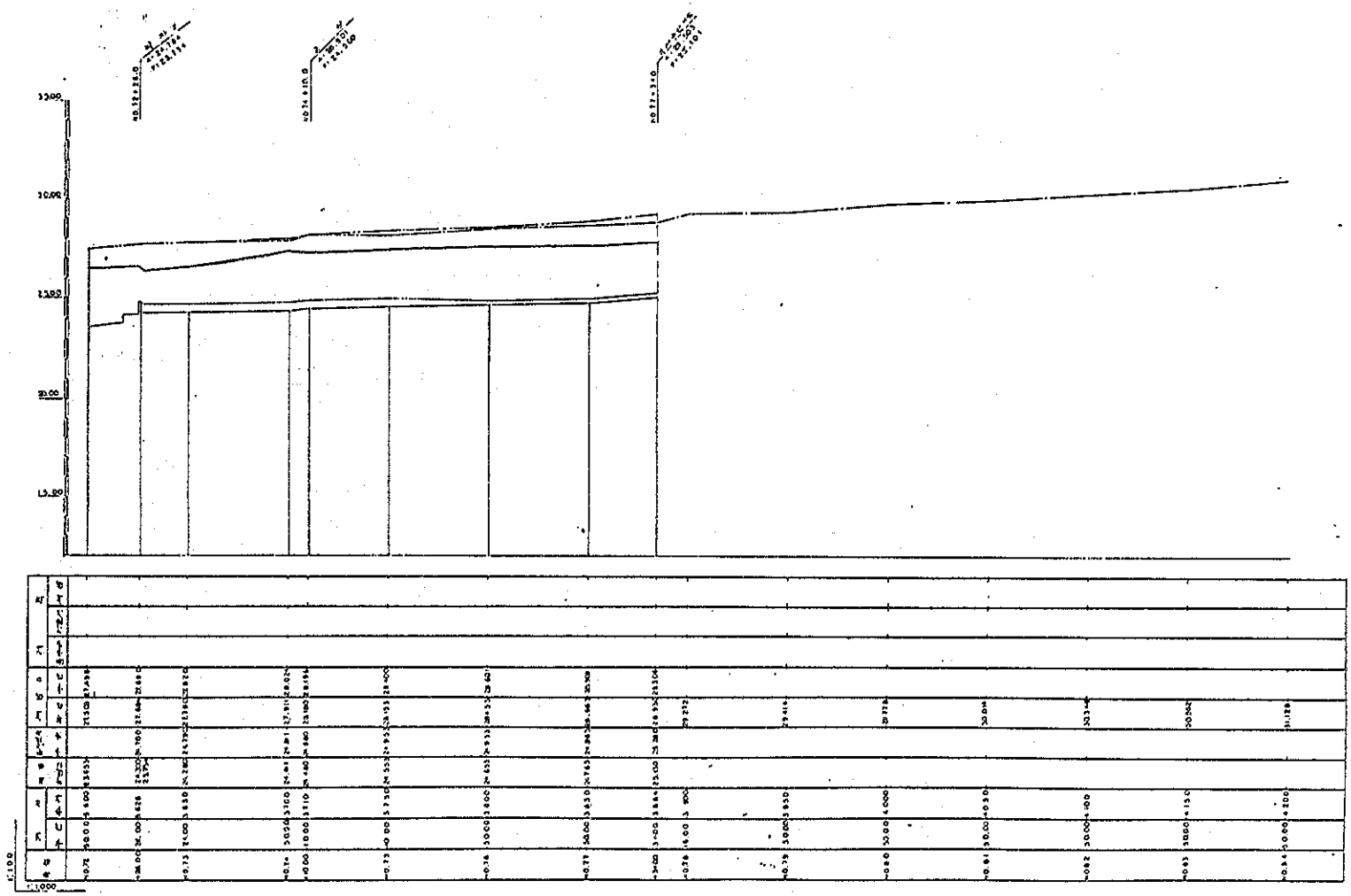
18
6





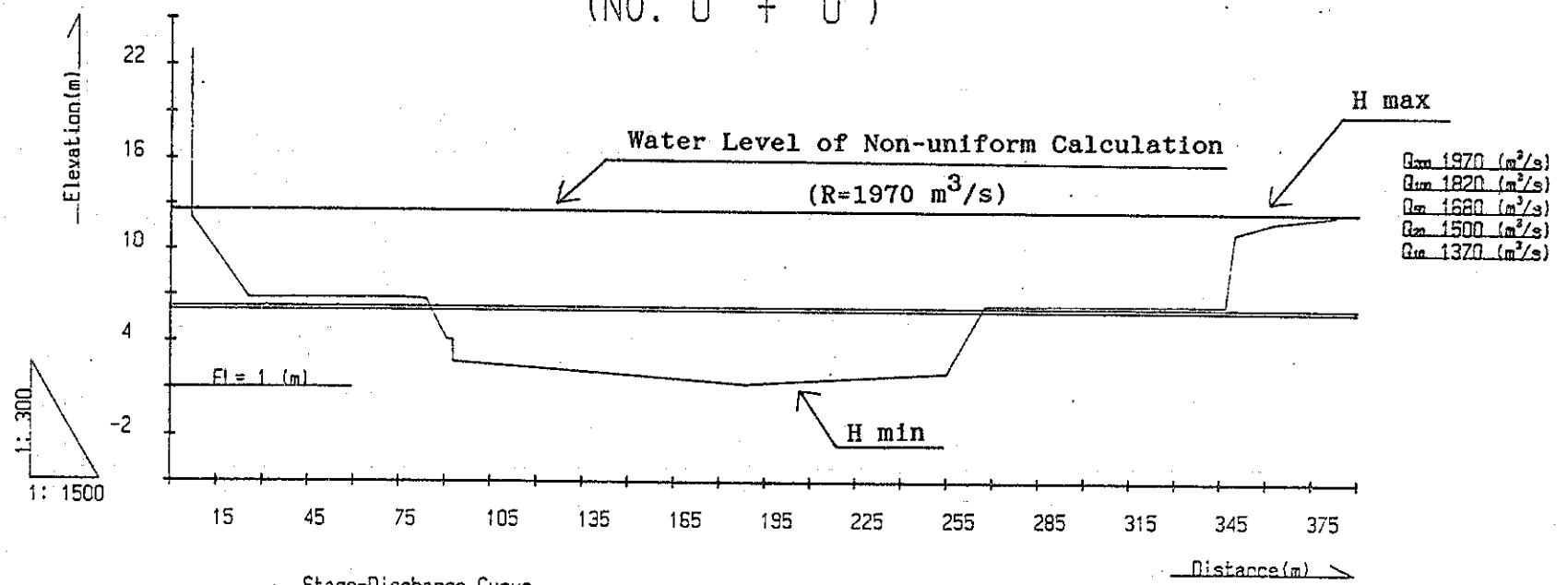
목 기 사 항	시행청 서울특별시	용 역	조사사 한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	설 계	사업명 漢江水系中小河川 現況施設調査	도면내용 종 단 면 도 (6)	도면번호 CL-6
							일 자 1990. 12. 31

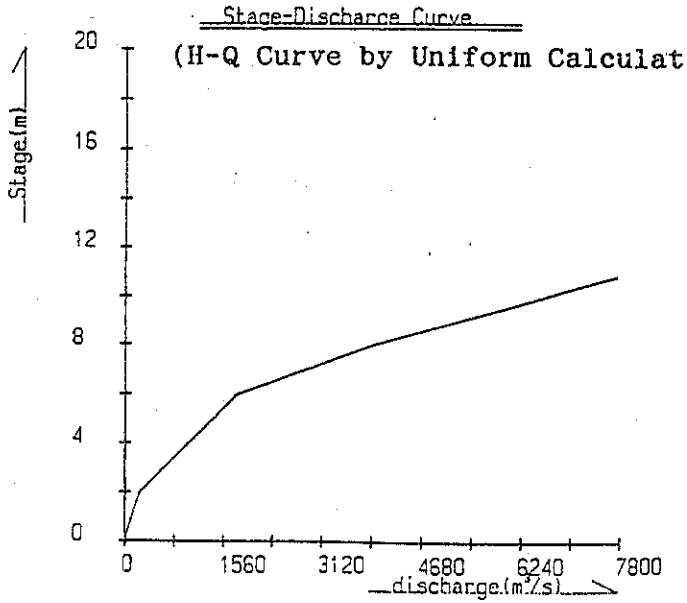
18
시설물관리대장
7



특기사항	시행청 서울특별시	설계시 한국종합기술개발공사 KOREA ENGINEERING CONSULTANTS CORP	사업명 漢江水系中小河川 環境影響評價調査	도면내용 종 단 면 도 (7)	도면번호 CC-7
	요의	설계 / 제도			일자 1990. 12. 31

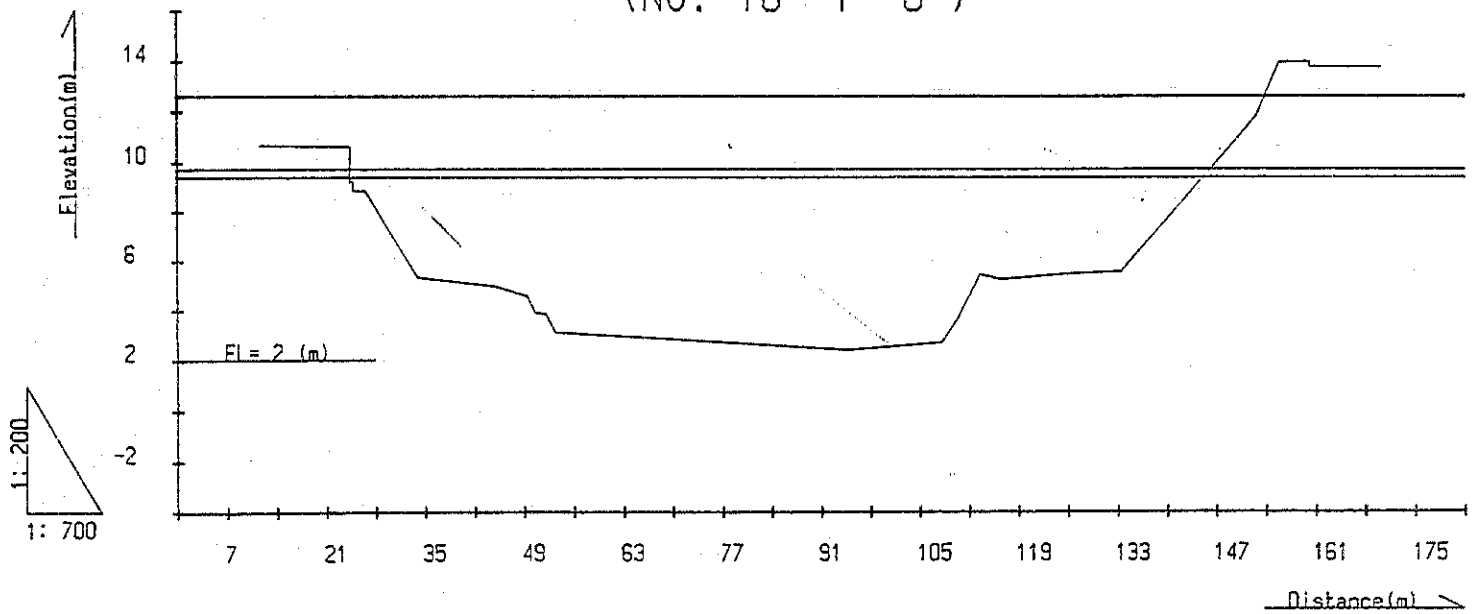
Anyang-Chong
(NO. 0 + 0)

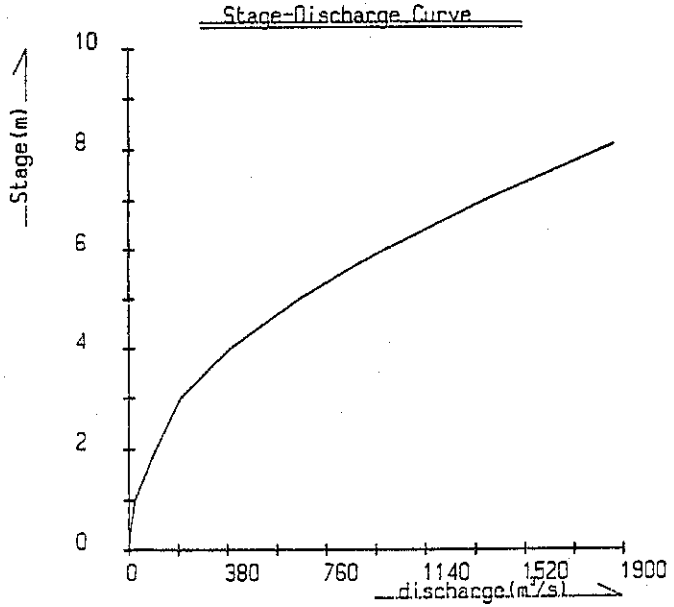




NO.	NO. 0 + 0	Station No.
Hmin	1.3 (m)	Minimum Depth
Hmax	12.1 (m)	Revetment Height
n	.035	Roughness Coeff.
I	1/ 1335	Invert Gradient
A	2648.927 (m²)	Section Area
P	366.946 (m)	Wetted Perimeter
R	7.2188 (m)	Hydraulic Radius
V	2.9208 (m/s)	Velocity
Q	7736.9859 (m³/s)	Discharge

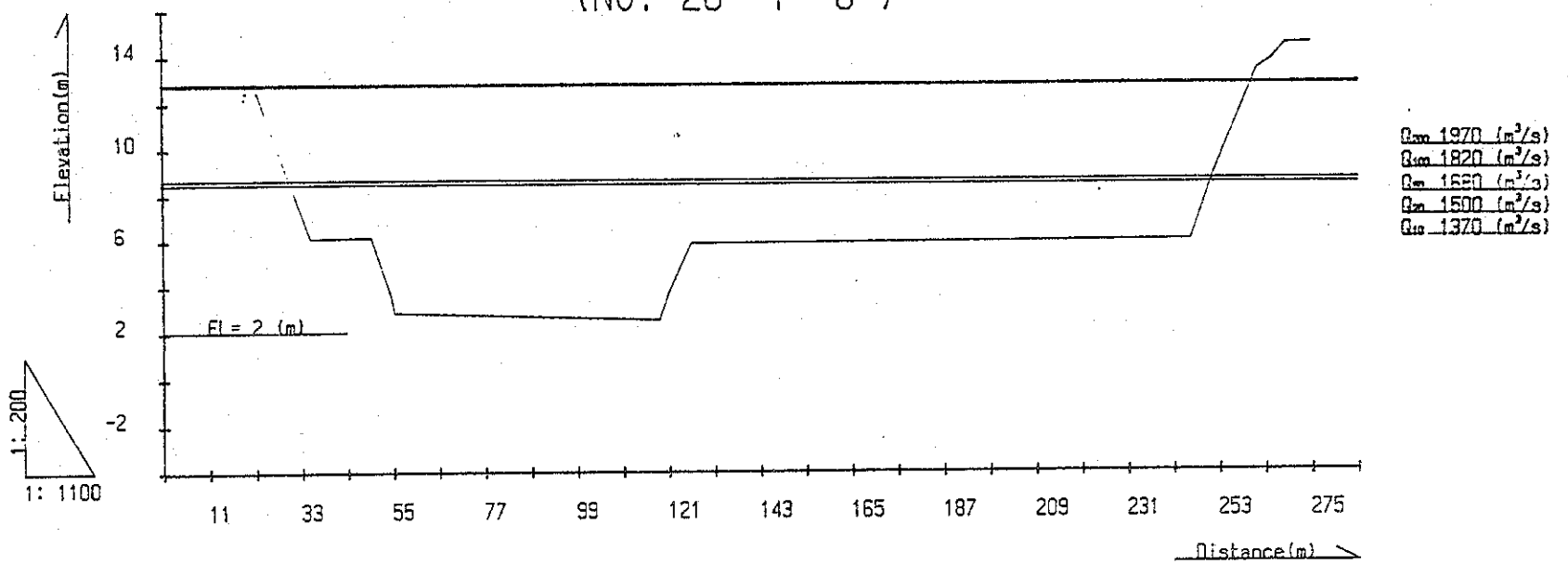
Anyang-Chong
(NO. 10 + 0)

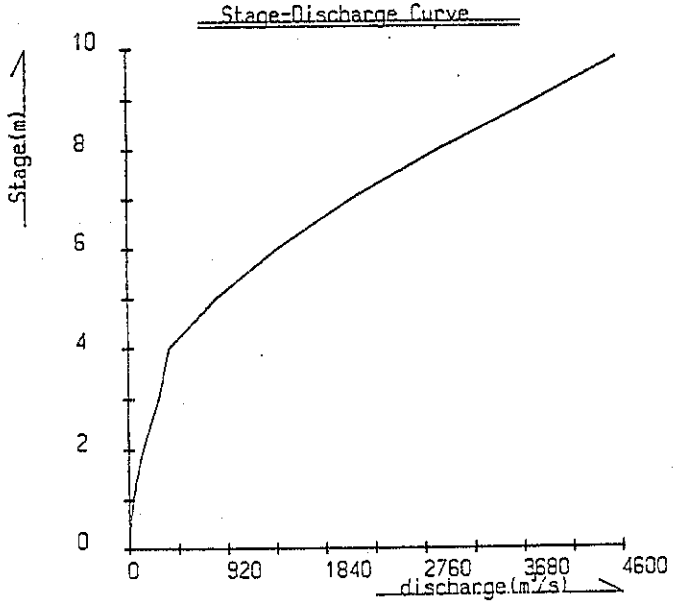




NO.	NO. 10 + 0
Hmin	2.402 (m)
Hmax	10.502 (m)
n	.035
I	1/ 1335
A	740.2232 (m²)
P	128.4816 (m)
R	5.7613 (m)
V	2.5131 (m/s)
Q	1860.2548 (m³/s)

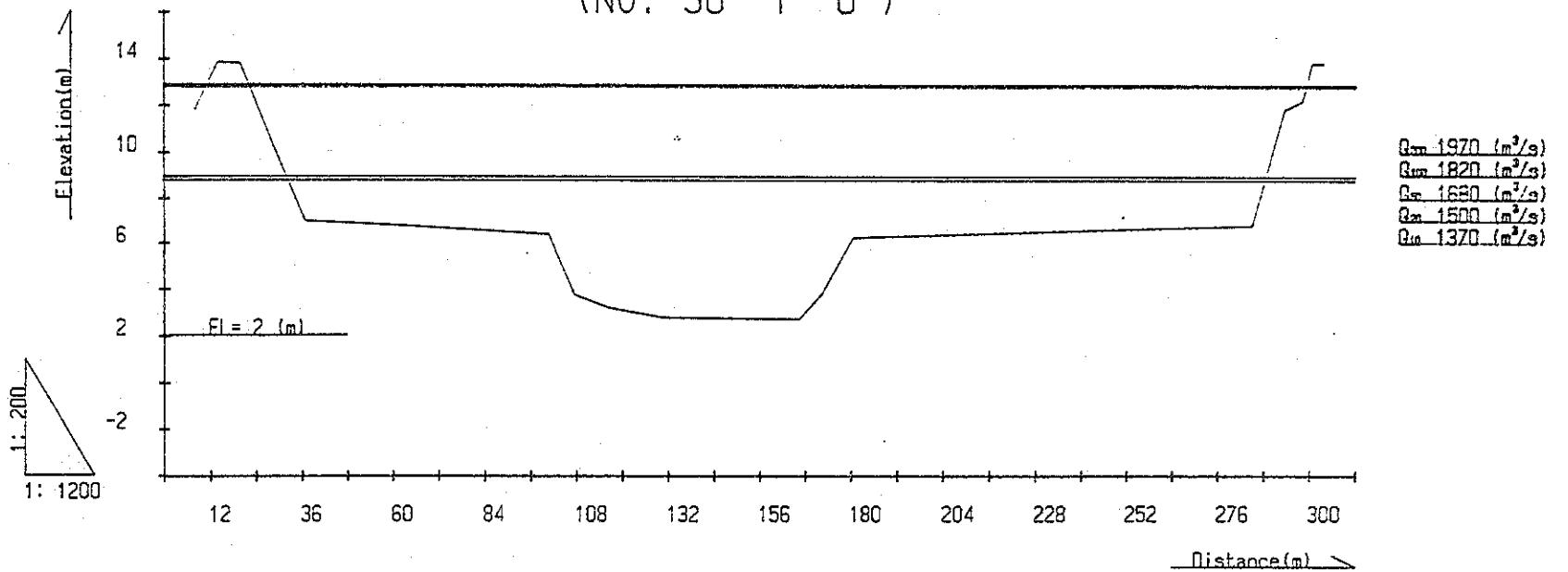
Anyang-Chong
(NO. 20 + 0)

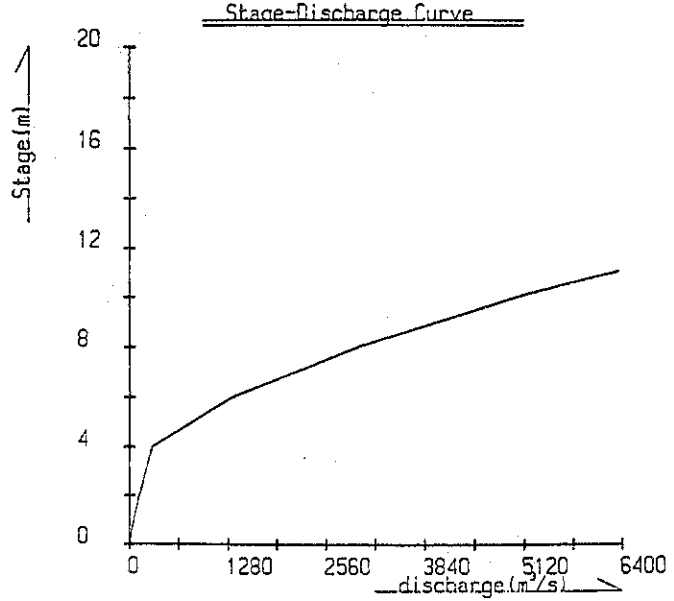




NO.	NO. 20 + 0
Hmin	2.514 (m)
Hmax	12.314 (m)
n	.035
I	1/ 1335
A	1650.8511 (m²)
P	249.6668 (m)
R	6.6122 (m)
V	2.7548 (m/s)
Q	4547.7646 (m³/s)

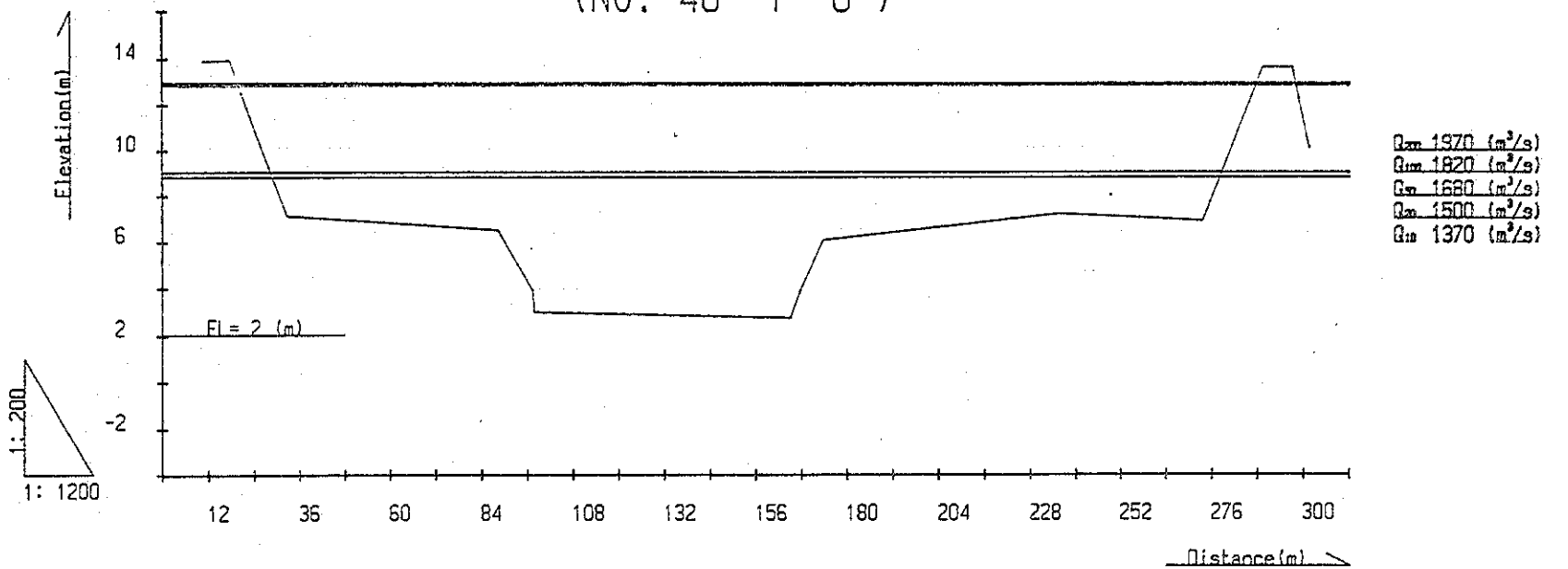
Anyang-Chong
(NO. 30 + 0)

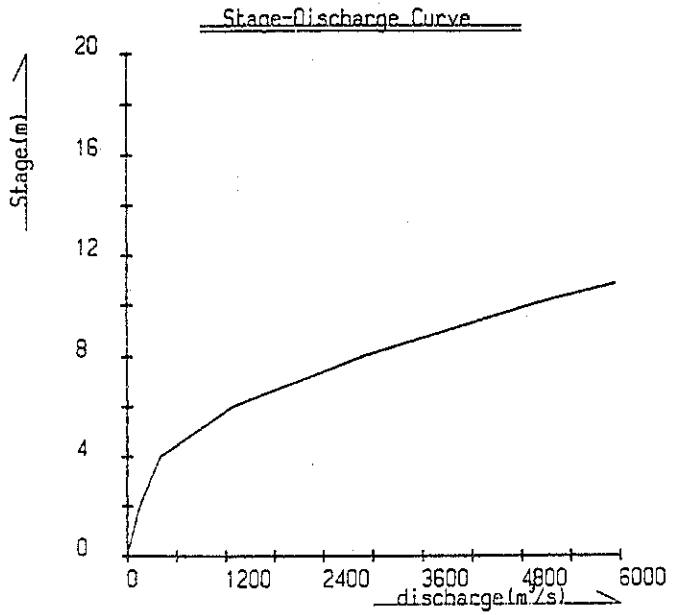




NO.	NO. 30 + 0
Hmin	2.681 (m)
Hmax	13.681 (m)
n	.035
I	1/ 1335
A	2138.4825 (m²)
P	290.3324 (m)
R	7.3656 (m)
V	2.9603 (m/s)
Q	6330.5496 (m³/s)

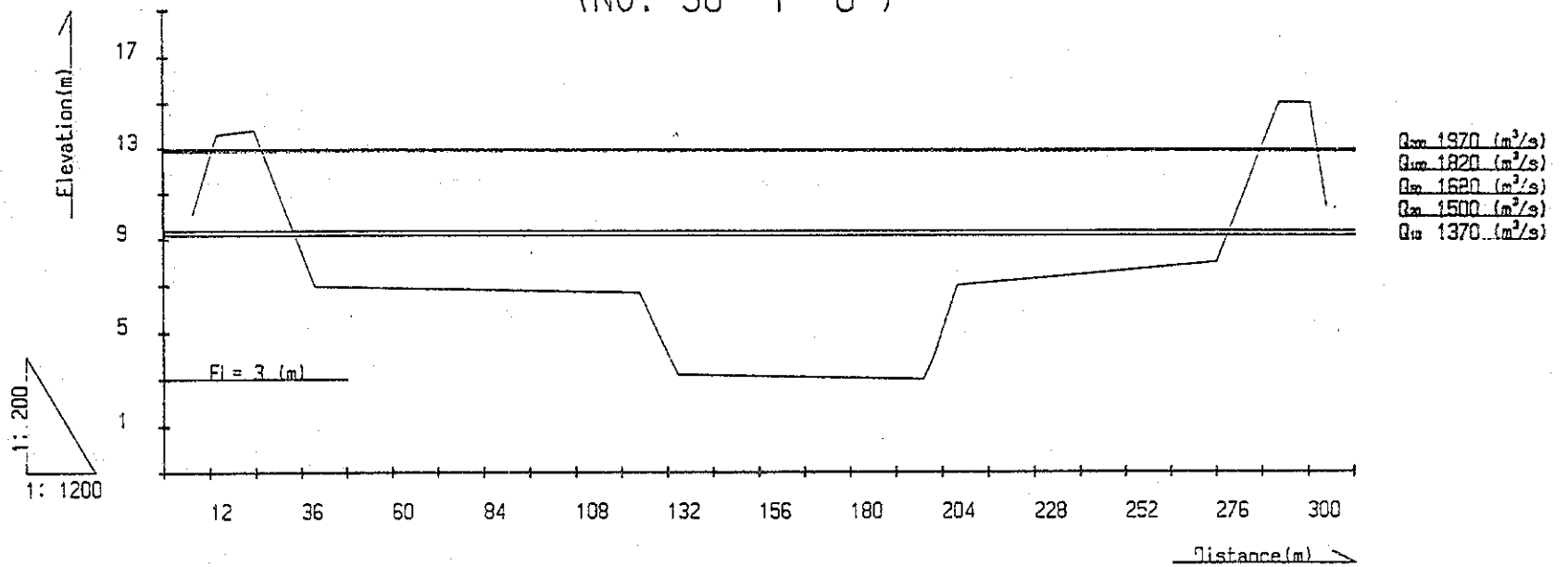
Anyang-Chong
(NO. 40 + 0)

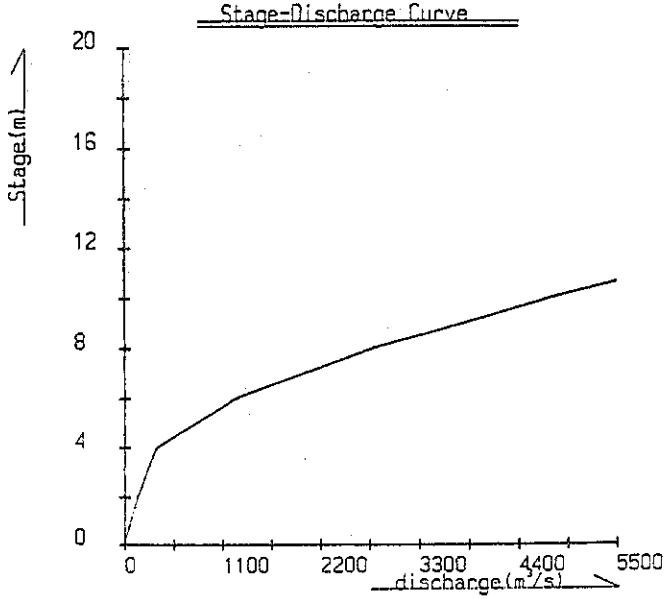




NO.	NO. 40 + 0
Hmin	2.778 (m)
Hmax	13.518 (m)
n	.035
I	1/ 1335
A	2029.0765 (m²)
P	280.5834 (m)
R	7.2316 (m)
V	2.9242 (m/s)
Q	5933.4255 (m³/s)

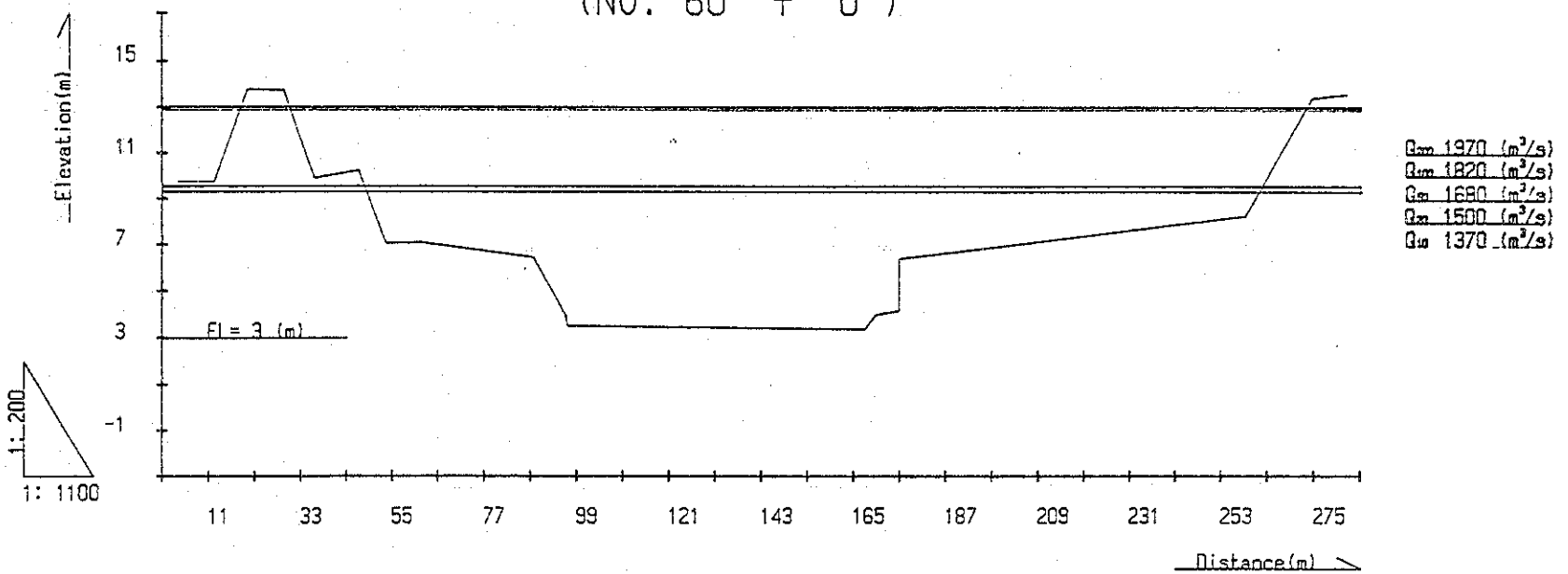
Anyang-Chong
(NO. 50 + 0)

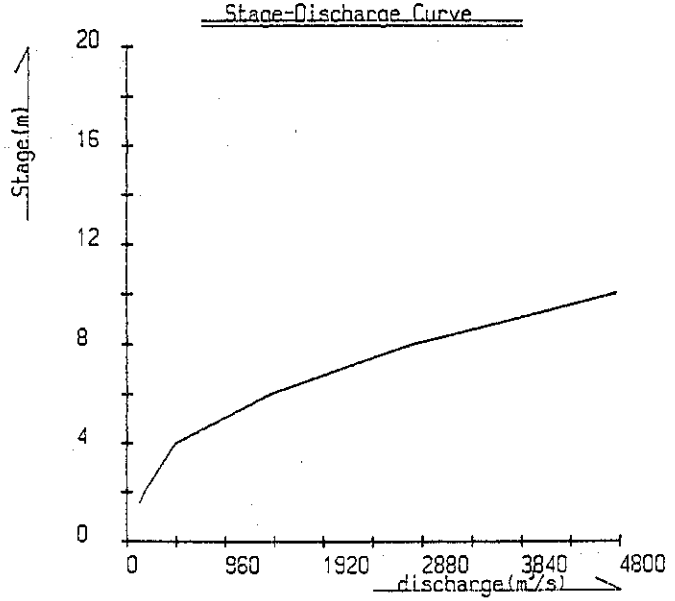




NO.	NO. 50 + 0
Hmin	3 (m)
Hmax	13.6 (m)
n	.035
I	1/ 1335
A	1936.1386 (m²)
P	280.9336 (m)
R	6.8918 (m)
V	2.8319 (m/s)
Q	5482.951 (m³/s)

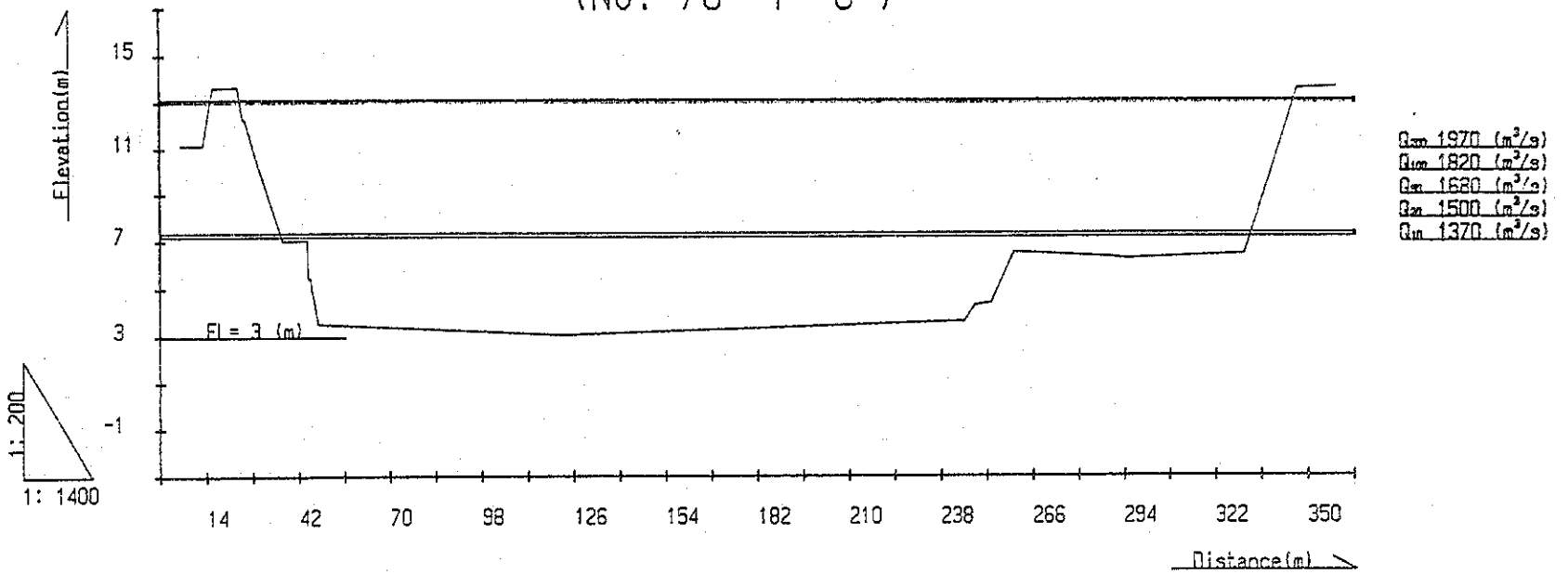
Anyang-Chong
(NO. 60 + 0)

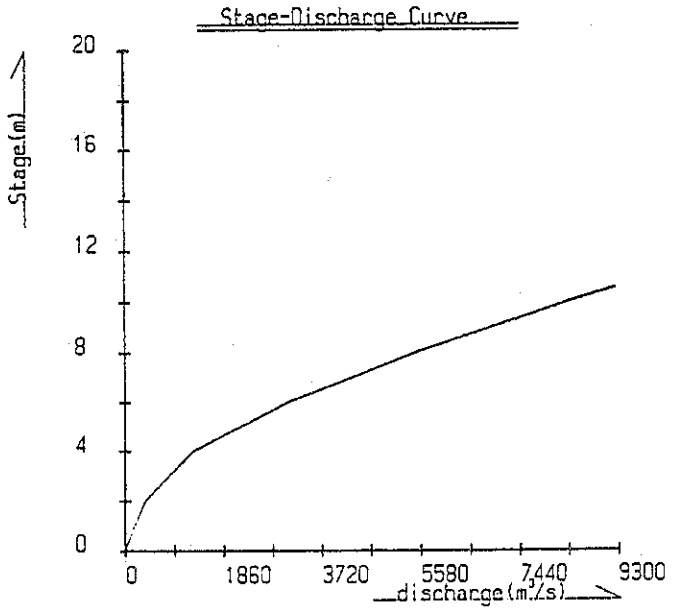




NO.	NO. 60 + 0
Hmin	3.399 (m)
Hmax	13.399 (m)
n	.035
I	1/ 1335
A	1742.4997 (m²)
P	266.9551 (m)
R	6.5273 (m)
V	2.7312 (m/s)
Q	4759.1152 (m³/s)

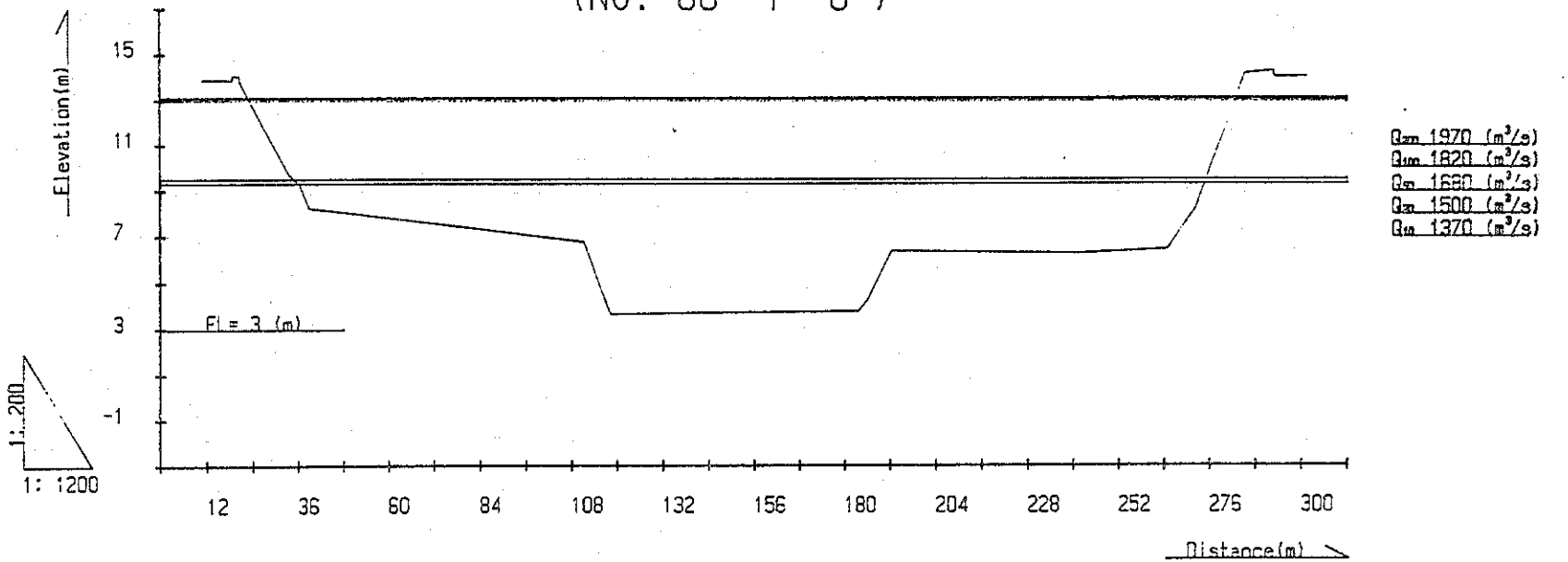
Anyang-Chong
(NO. 70 + 0)

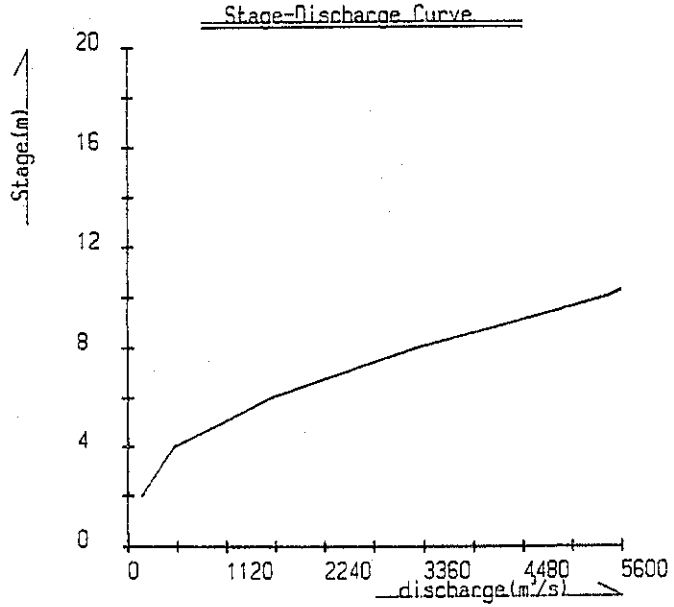




NO.	NO. 70 + 0
Hmin	3.09 (m)
Hmax	13.59 (m)
n	.035
I	1/ 1335
A	2855.4091 (m²)
P	339.2105 (m)
R	8.4178 (m)
V	3.2359 (m/s)
Q	9239.8185 (m³/s)

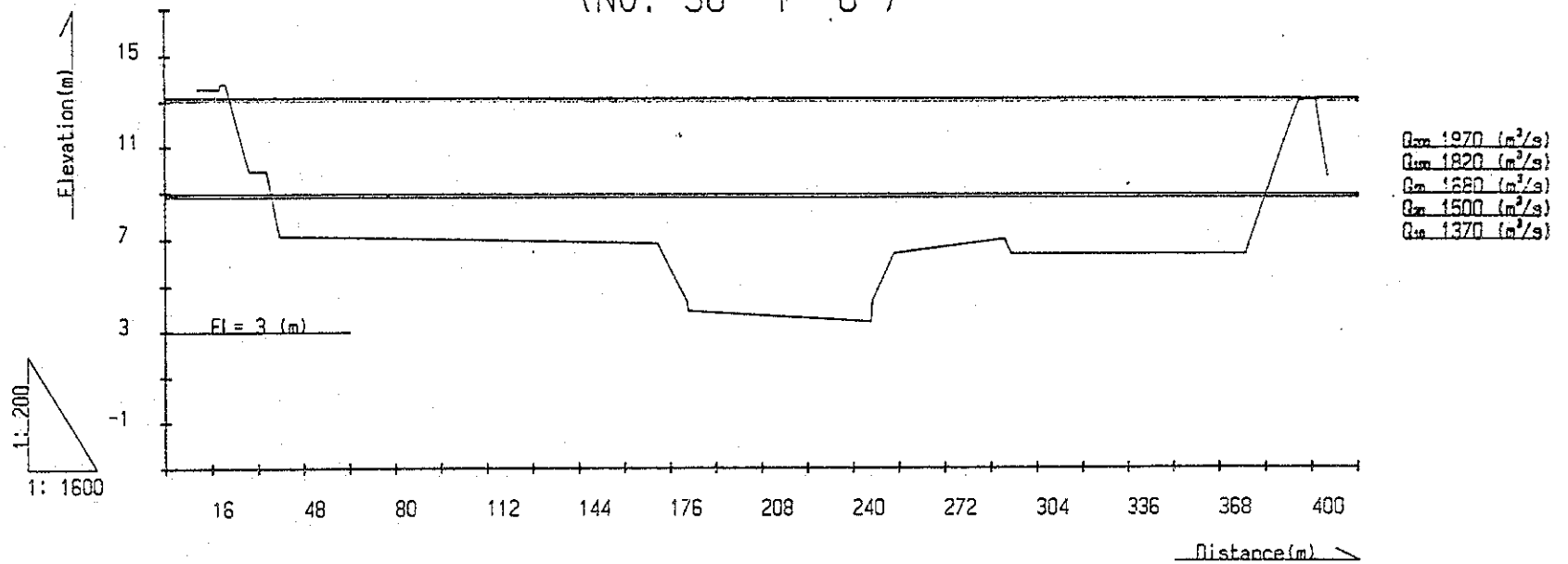
Anyang-Chong
(NO. 80 + 0)

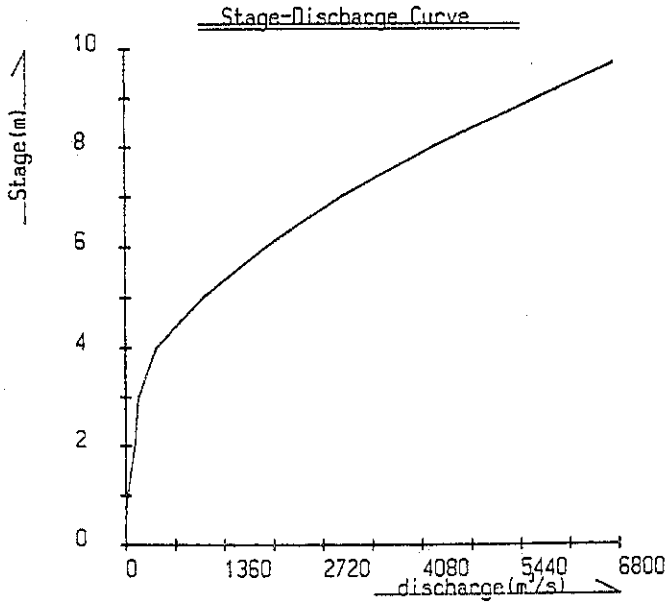




NO.	NO. 80 + 0
Hmin	3.706 (m)
Hmax	13.906 (m)
n	.035
I	1/ 1335
A	1944.5272 (m²)
P	275.3525 (m)
R	7.062 (m)
V	2.8783 (m/s)
Q	5596.9327 (m³/s)

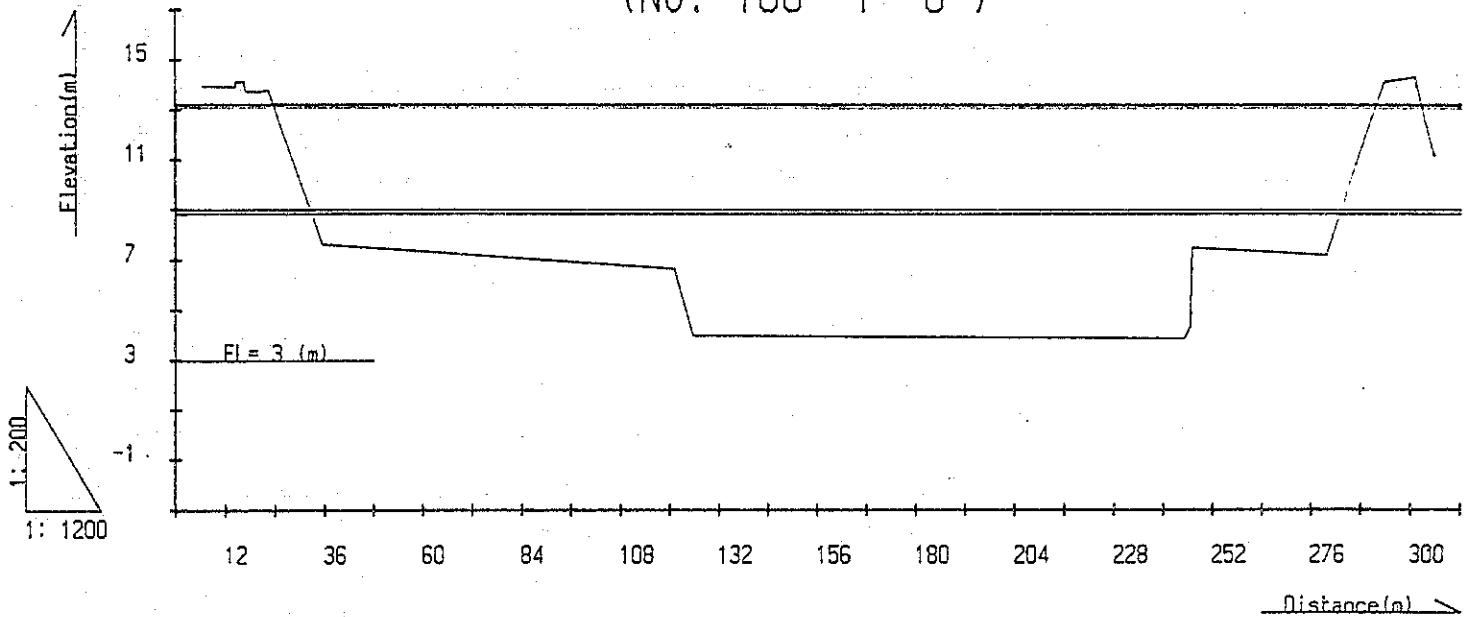
Anyang-Chong
(NO. 90 + 0)

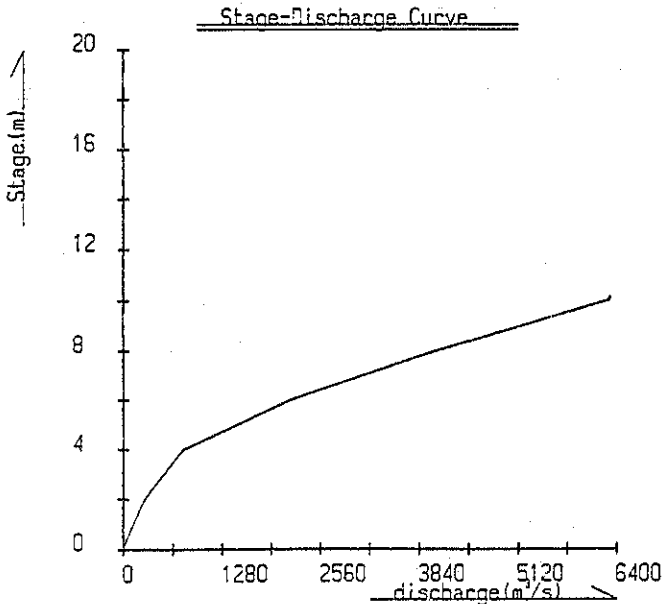




NO	NO. 90 + 0
Hmin	3.46 (m)
Hmax	13.16 (m)
n	.035
I	1/ 1335
A	2489.9036 (m²)
P	387.7699 (m)
R	6.4211 (m)
V	2.7015 (m/s)
Q	6726.4745 (m³/s)

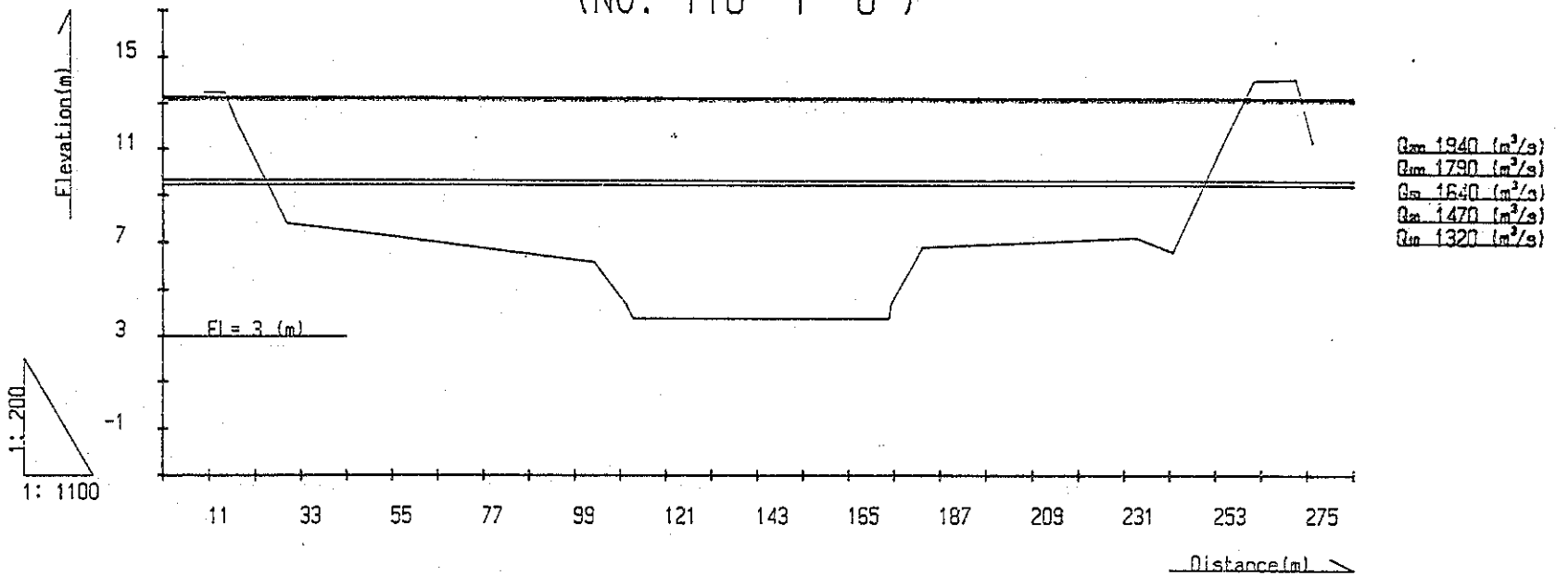
Anyang-Chong
(NO. 100 + 0)

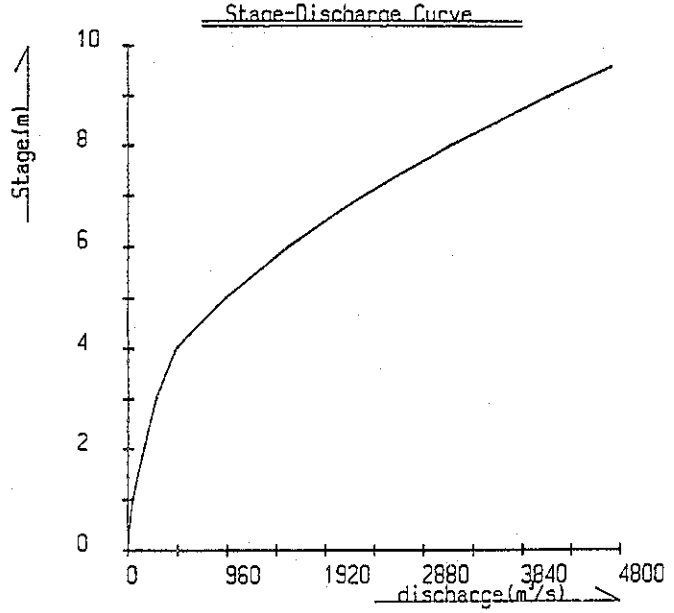




NO.	NO. 100 + 0
Hmin	3.9 (m)
Hmax	14 (m)
n	.035
I	1/ 1335
A	2154.3699 (m²)
P	296.2602 (m)
R	7.2719 (m)
V	2.9351 (m/s)
Q	6323.291 (m³/s)

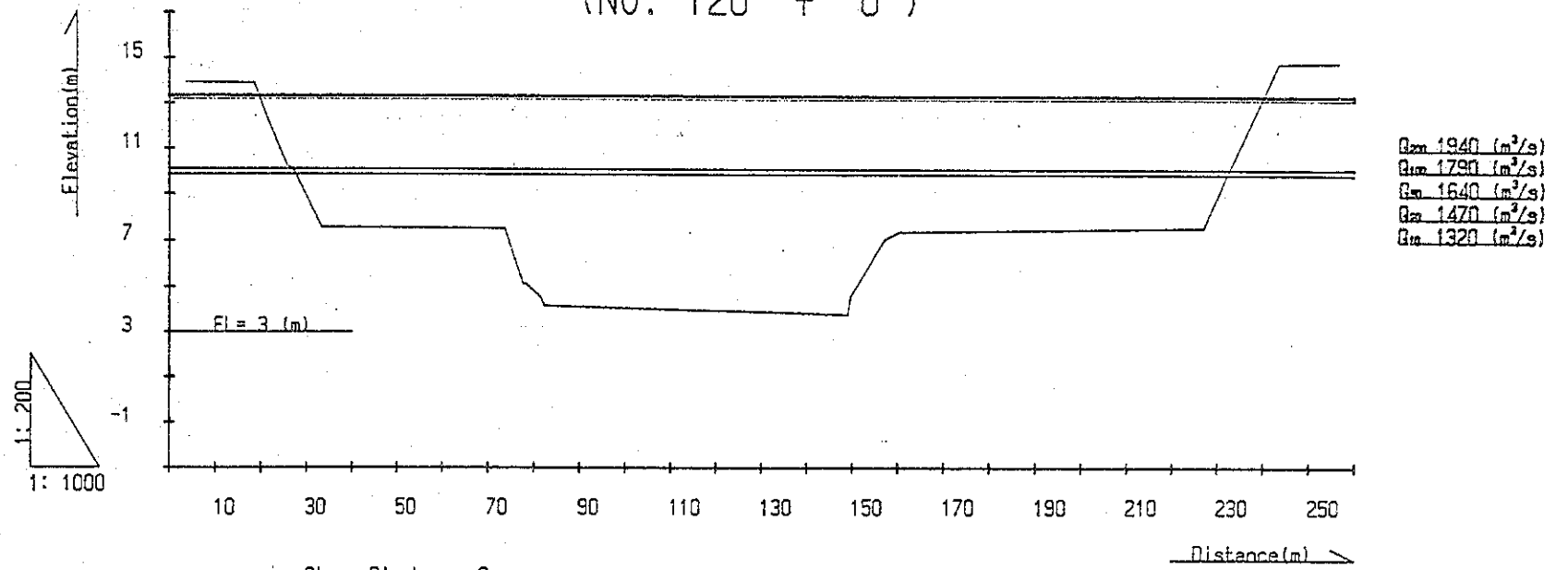
Anyang-Chong
(NO. 110 + 0)

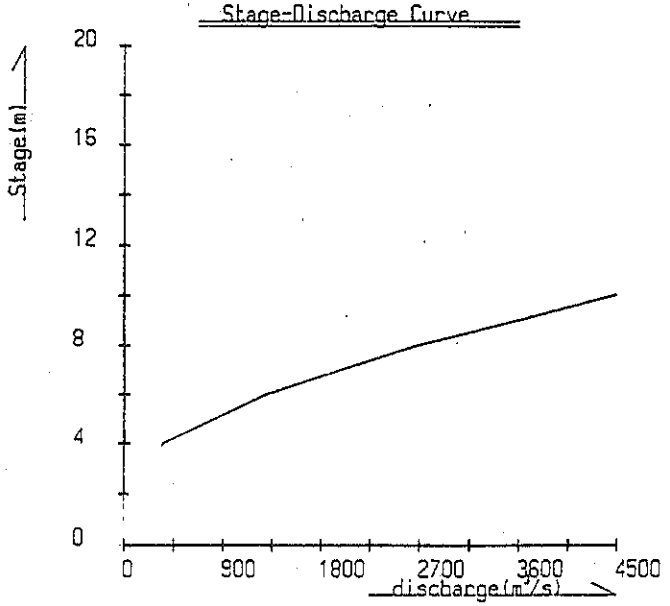




NO.	NO. 110 + 0
Hmin	3.8 (m)
Hmax	13.4 (m)
n	.035
I	1/ 1335
A	1691.9758 (m²)
P	252.54 (m)
R	6.6998 (m)
V	2.7791 (m/s)
Q	4702.17 (m³/s)

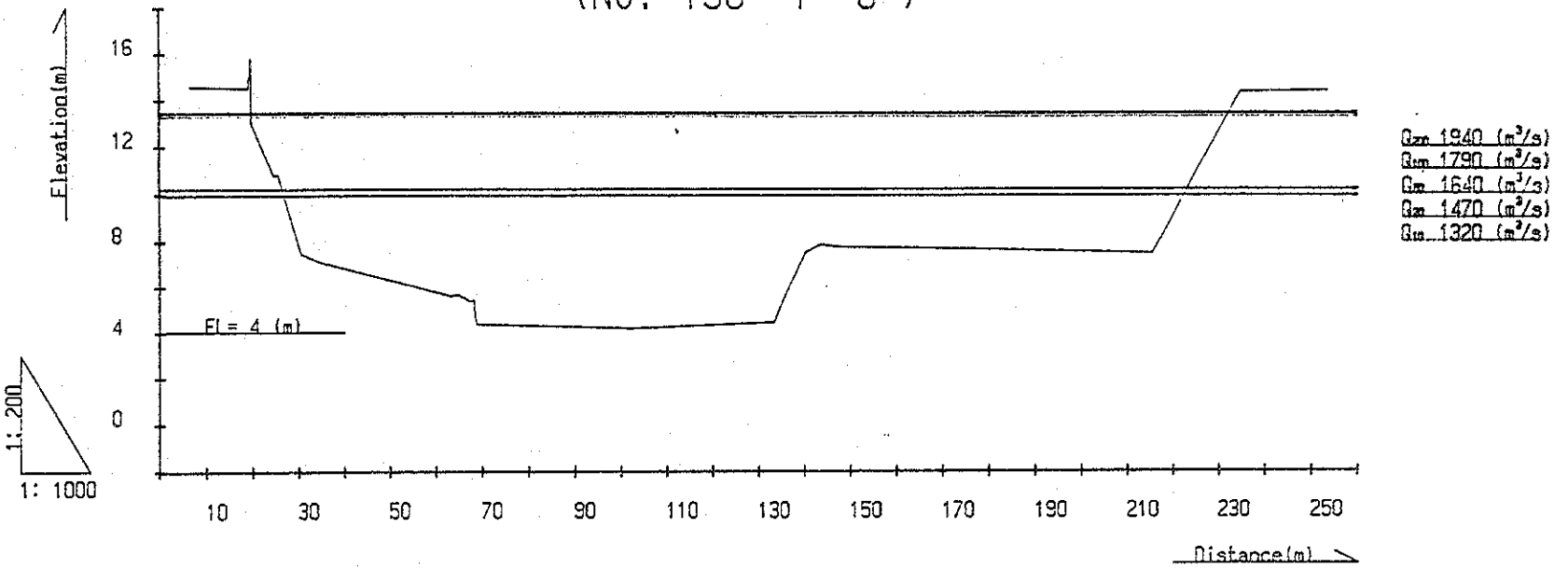
Anyang-Chong
(NO. 120 + 0)

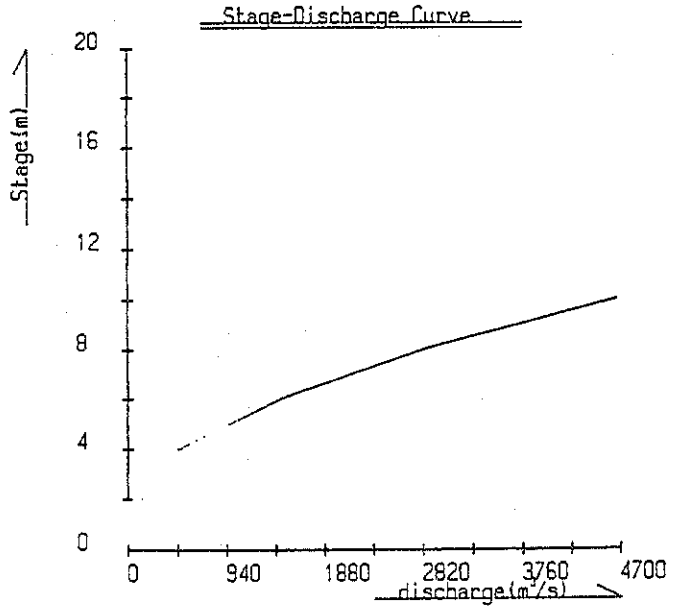




NO.	NO. 120 + 0
Hmin	3.8 (m)
Hmax	13.8 (m)
n	.035
I	1/ 1335
A	1575.3628 (m²)
P	226.6083 (m)
R	6.9519 (m)
V	2.8484 (m/s)
Q	4487.2635 (m³/s)

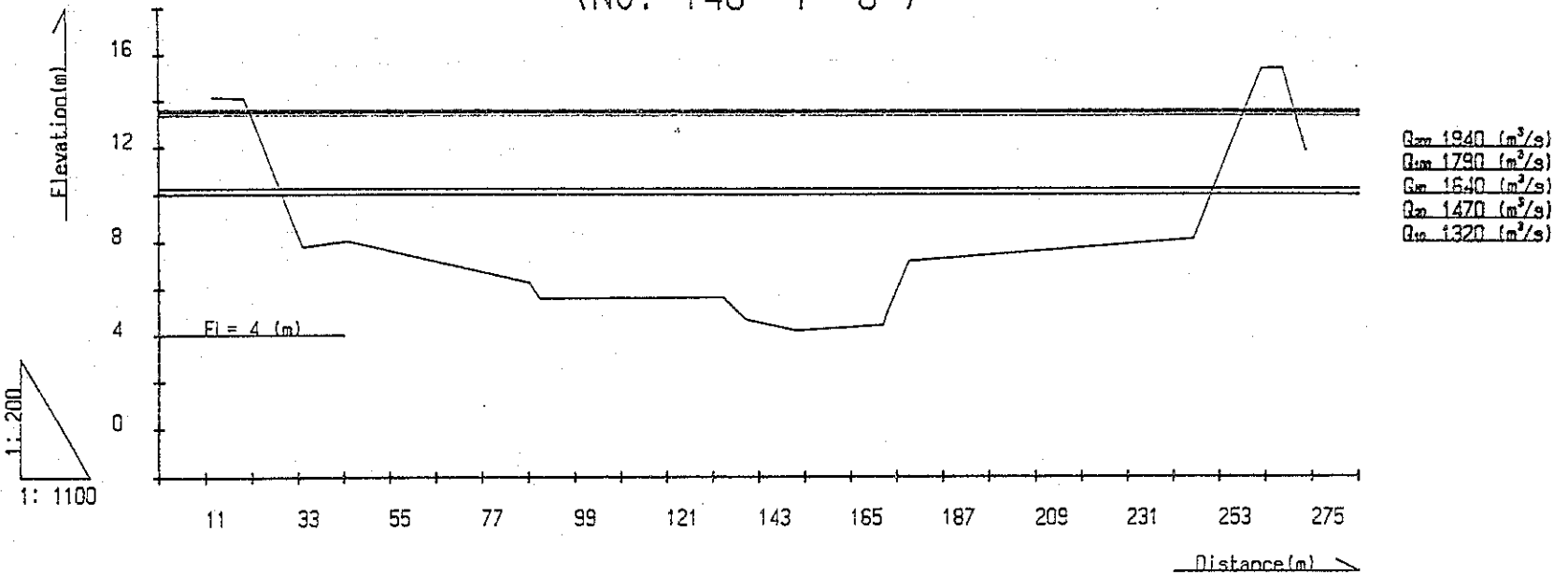
Anyang-Chong
(NO. 130 + 0)

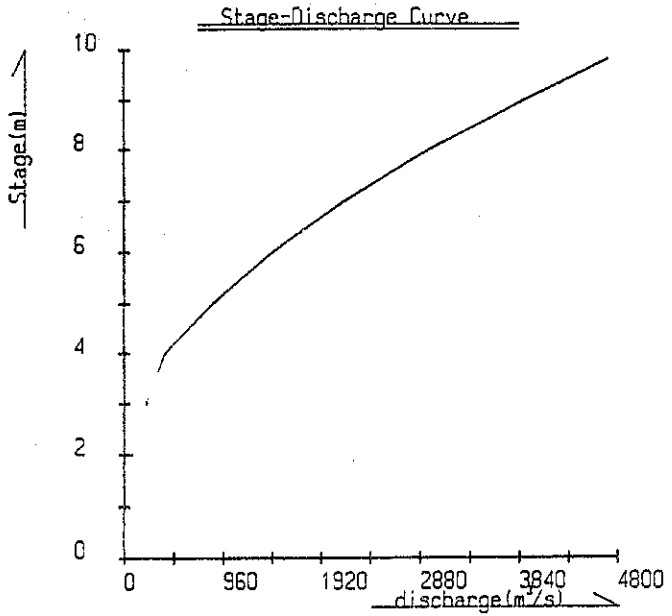




NO.	NO. 130 + 0
Hmin	4.187 (m)
Hmax	14.187 (m)
n	.035
I	1/ 1335
A	1591.7897 (m²)
P	219.7465 (m)
R	7.2438 (m)
V	2.9275 (m/s)
Q	4659.9642 (m³/s)

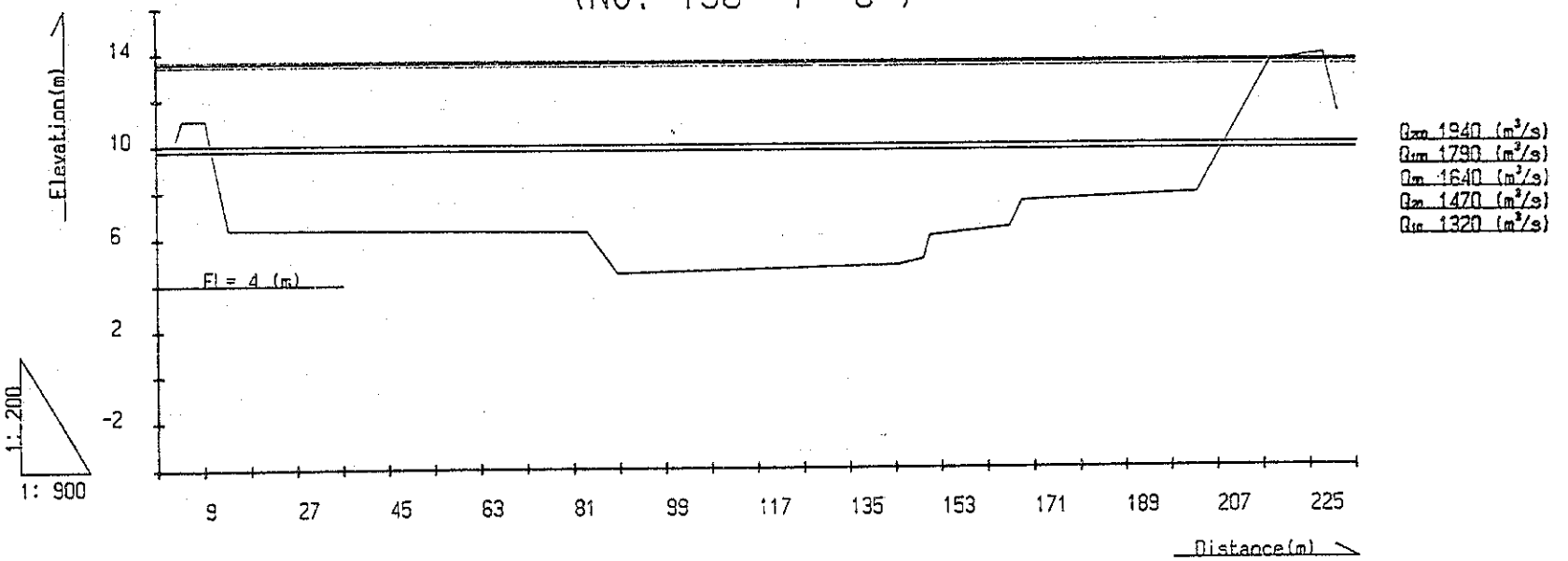
Anyang-Chong
(NO. 140 + 0)

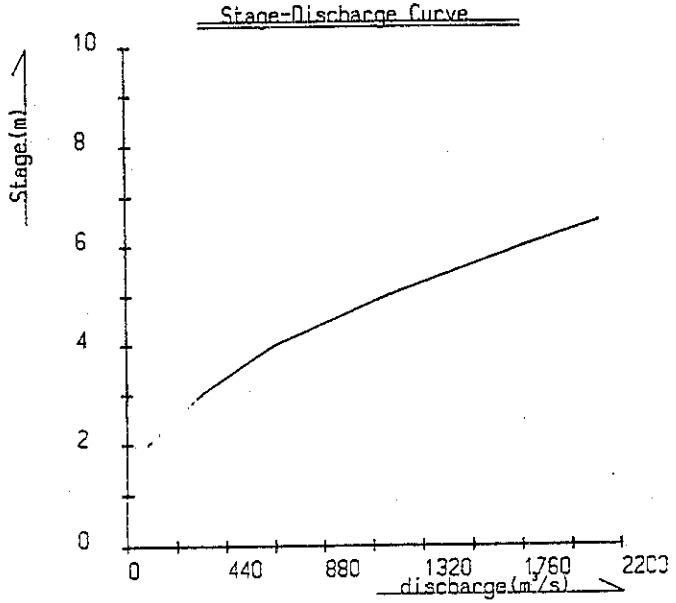




NO.	NO. 140 + 0
Hmin	4.204 (m)
Hmax	14.004 (m)
n	.035
I	1/ 1335
A	1678.1293 (m²)
P	246.7926 (m)
R	6.7998 (m)
V	2.8067 (m/s)
Q	4710.0056 (m³/s)

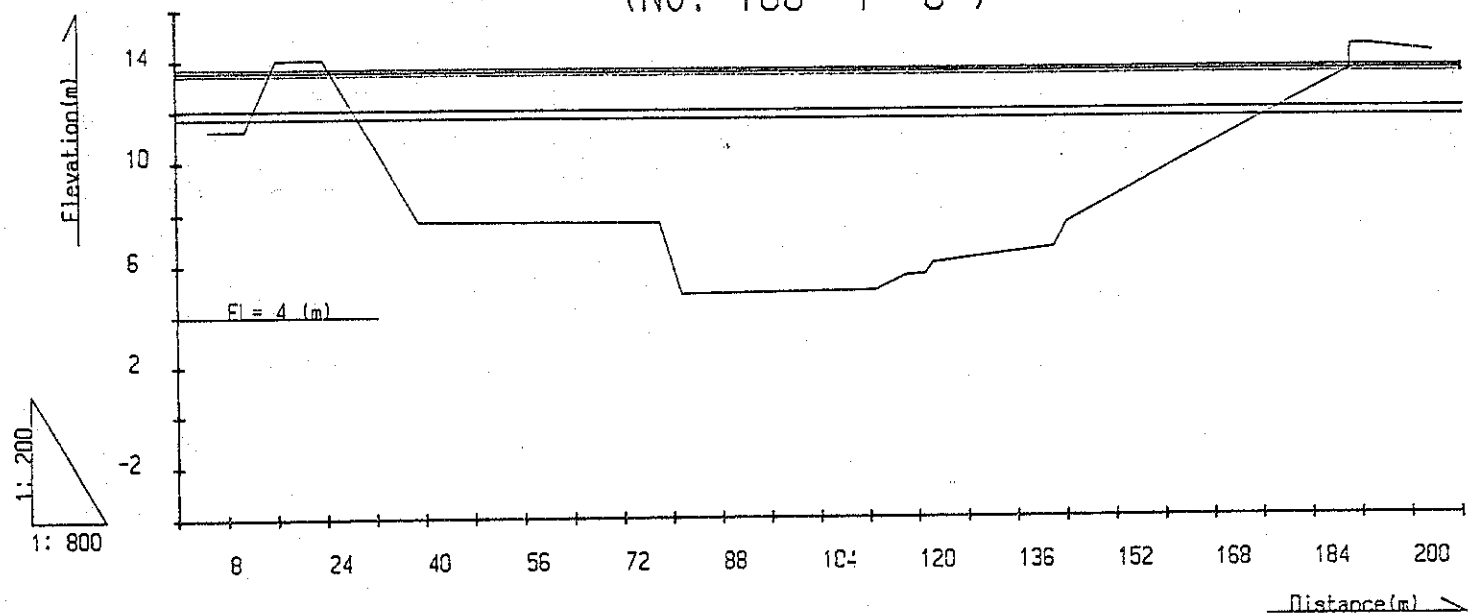
Anyang-Chong
(NO. 150 + 0)

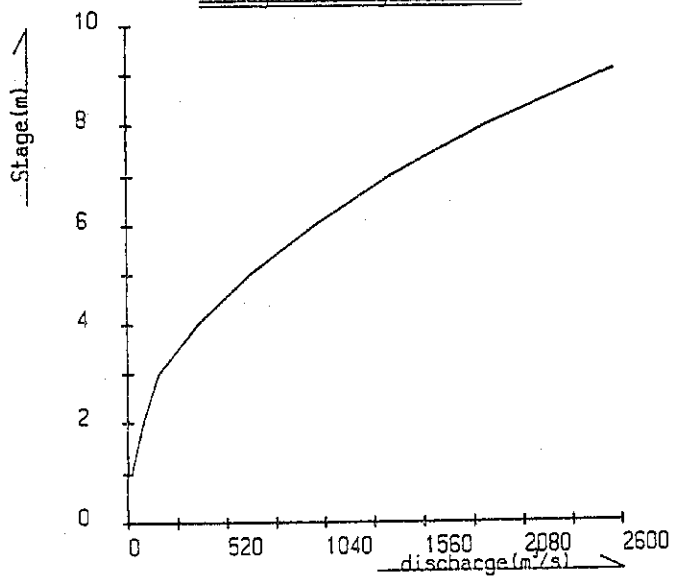




NO.	NO. 150 + 0
Hmin	4.501 (m)
Hmax	11.001 (m)
n	.035
I	1/ 1335
A	963.7036 (m²)
P	206.156 (m)
R	4.6746 (m)
V	2.1862 (m/s)
Q	2106.8488 (m³/s)

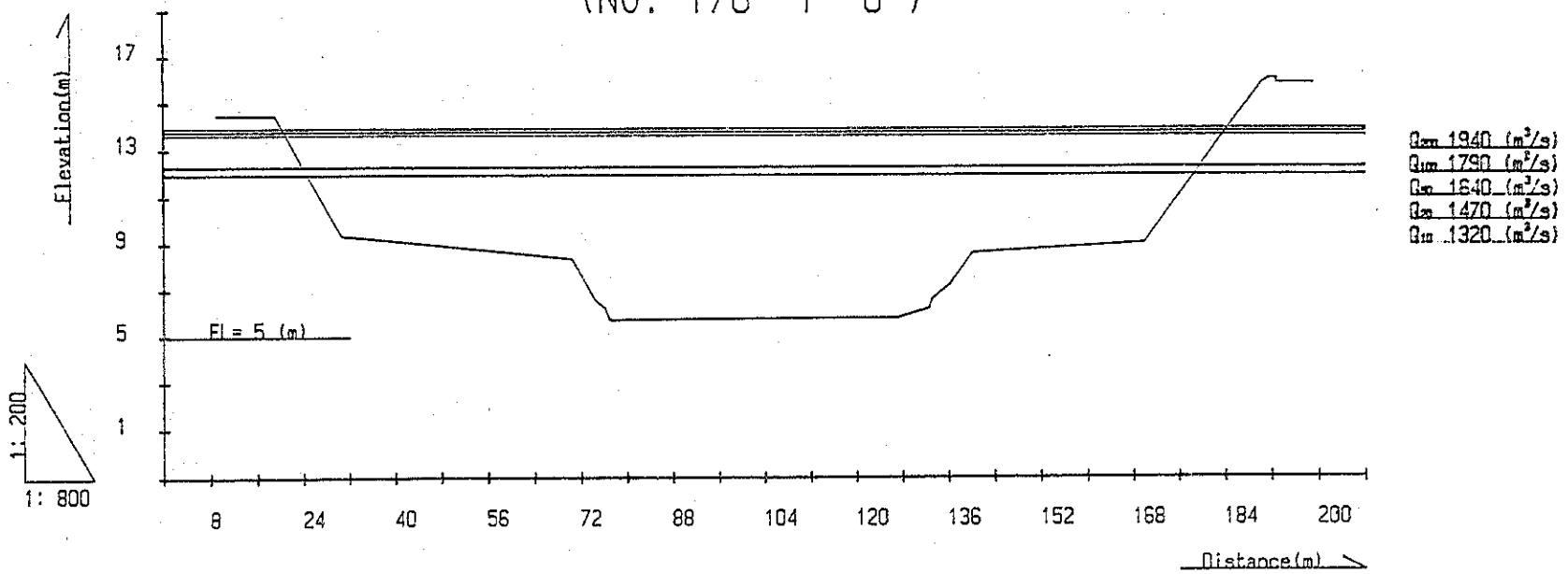
Anyang-Chong
(NO. 160 + 0)

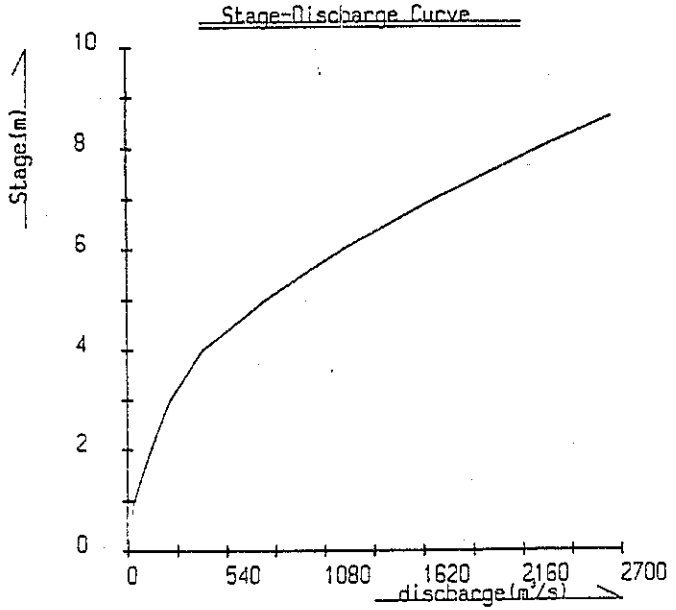




NO.	NO. 160 + 0
Hmin	4.903 (m)
Hmax	14.003 (m)
n	.035
I	1/ 1335
A	1029.2547 (m²)
P	181.4227 (m)
R	5.6732 (m)
V	2.4874 (m/s)
Q	2560.1683 (m³/s)

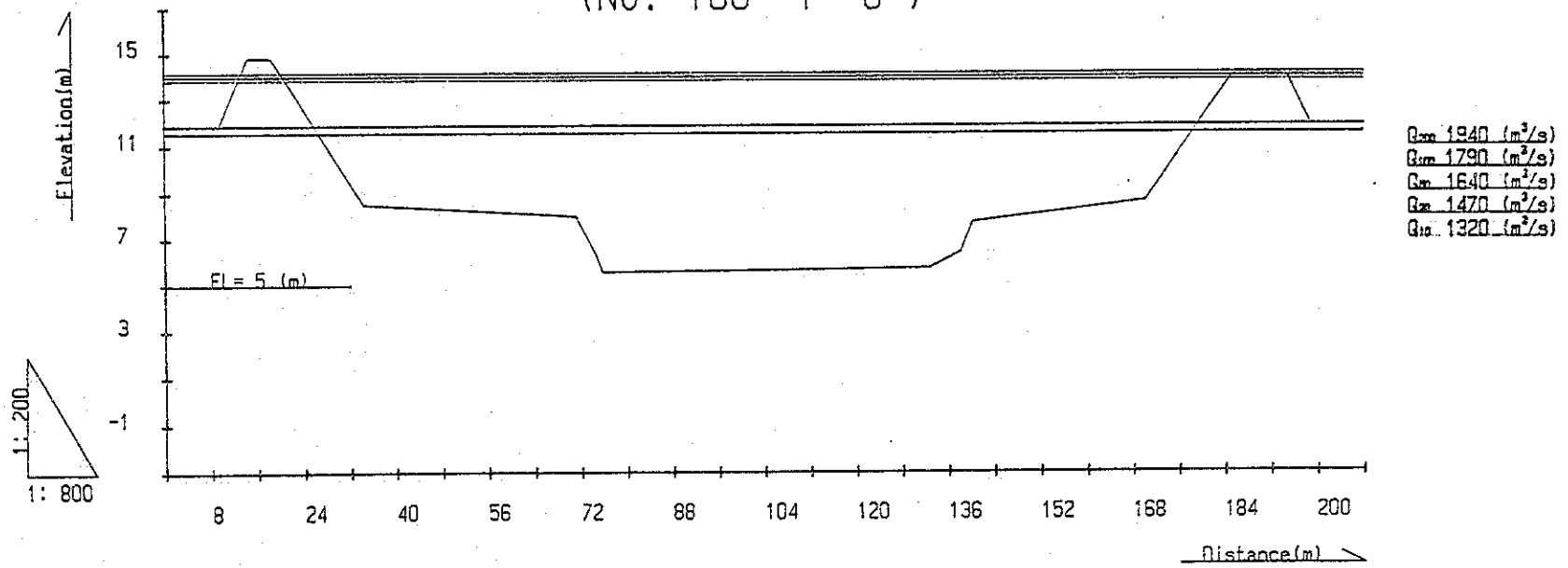
Anyang-Chong
(NO. 170 + 0)

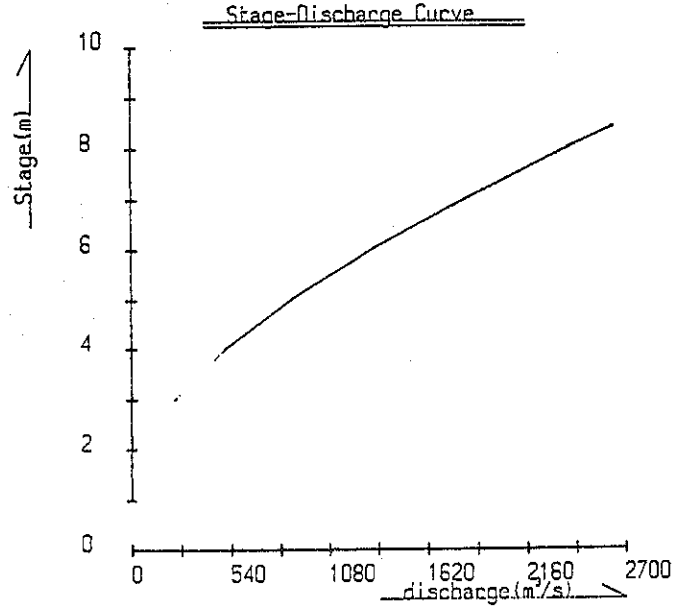




NO.	NO. 170 + 0
Hmin	5.732 (m)
Hmax	14.332 (m)
n	.035
I	1/ 1335
A	1021.3758 (m²)
P	169.0644 (m)
R	6.0413 (m)
V	2.5939 (m/s)
Q	2649.3467 (m³/s)

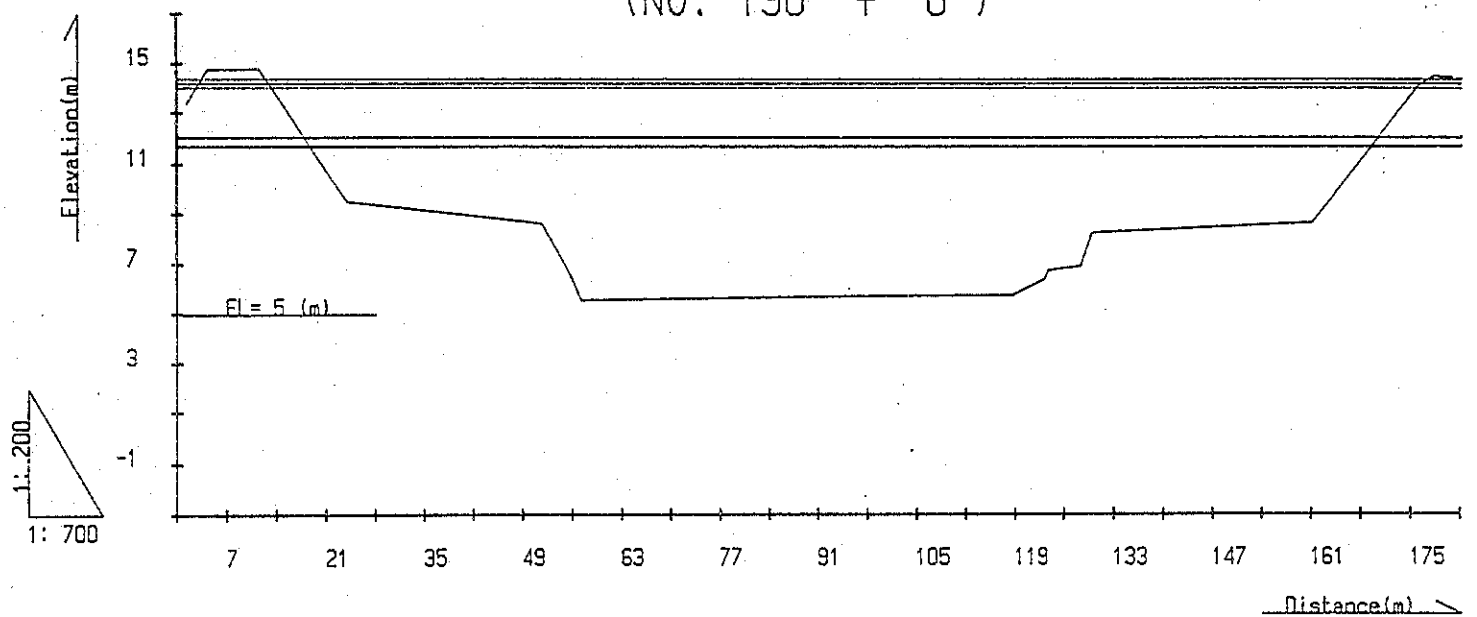
Anyang-Chong
(NO. 180 + 0)

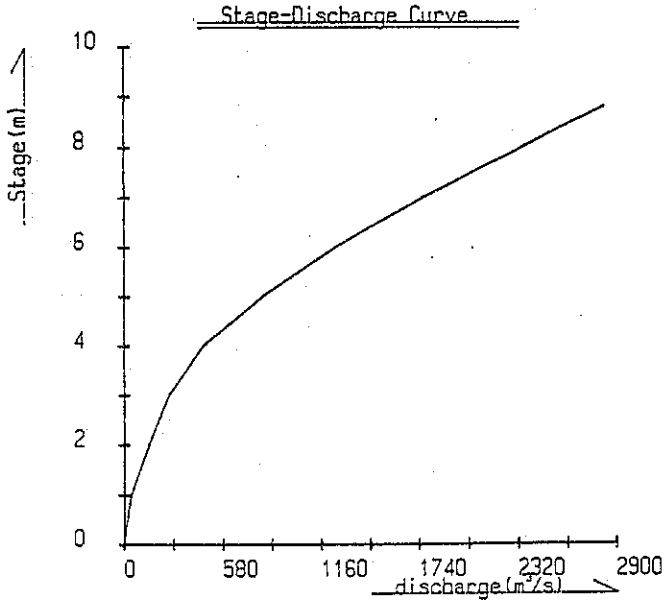




NO.	NO. 180 + 0
Hmin	5.604 (m)
Hmax	14.004 (m)
n	.035
I	1/ 1335
A	1036.7297 (m²)
P	176.5281 (m)
R	5.8729 (m)
V	2.5454 (m/s)
Q	2638.8917 (m³/s)

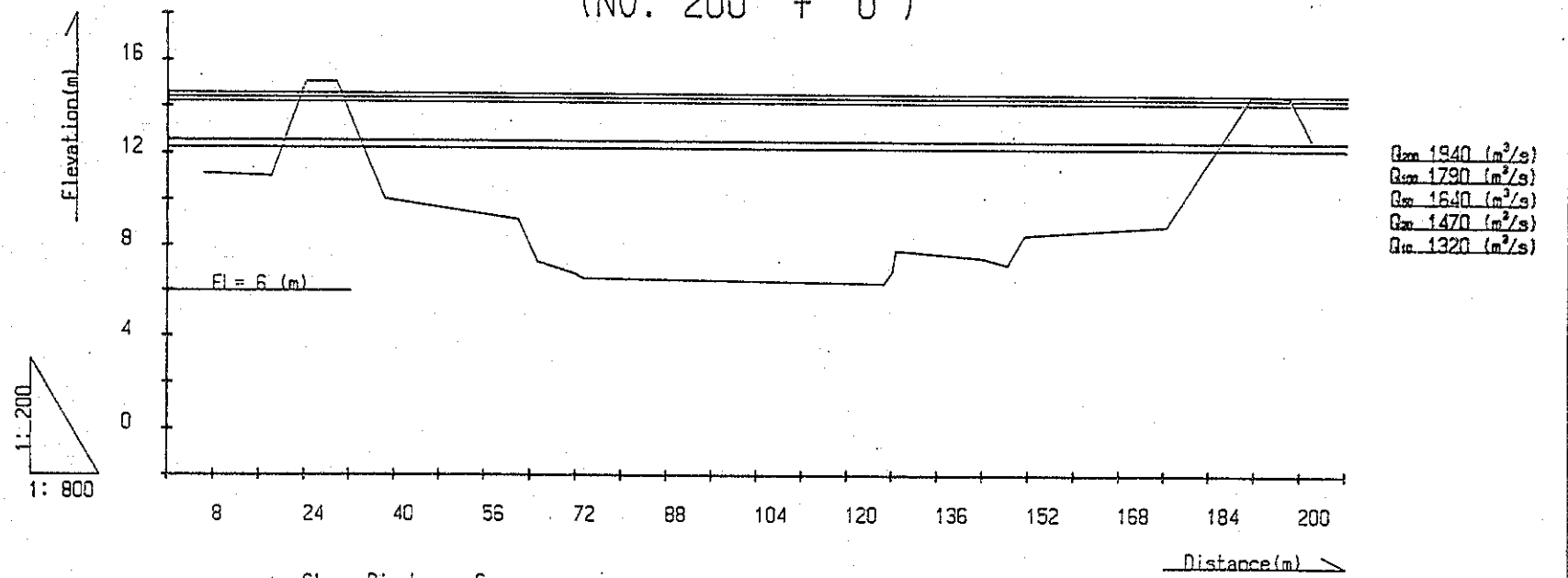
Anyang-Chong
(NO. 190 + 0)

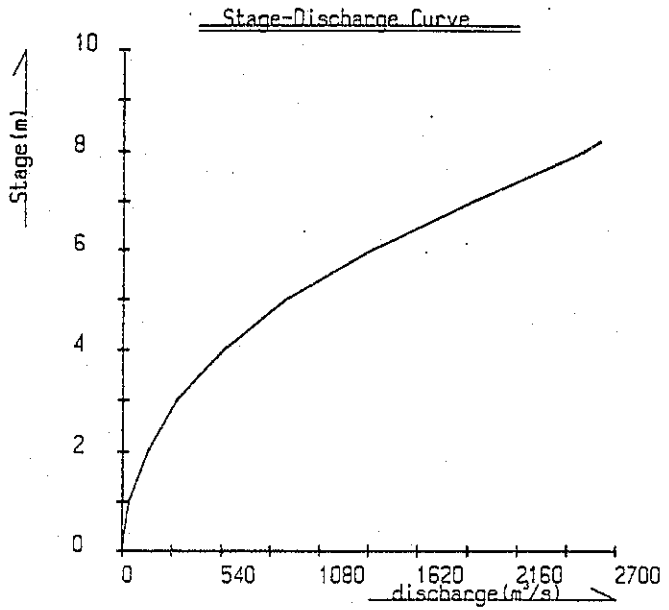




NO.	NO. 190 + 0
Hmin	5.6 (m)
Hmax	14.4 (m)
n	.035
I	1/ 1335
A	1065.7219 (m²)
P	170.9429 (m)
R	6.2344 (m)
V	2.6488 (m/s)
Q	2822.8842 (m³/s)

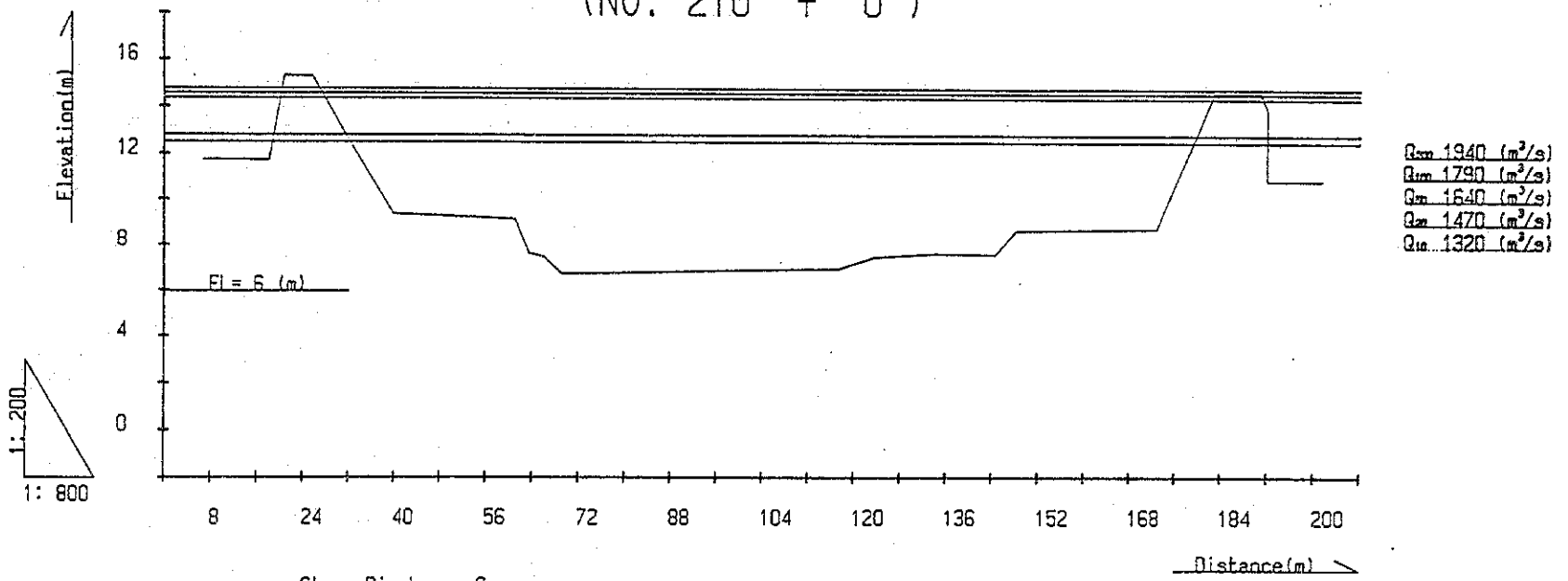
Anyang-Chong
(NO. 200 + 0)

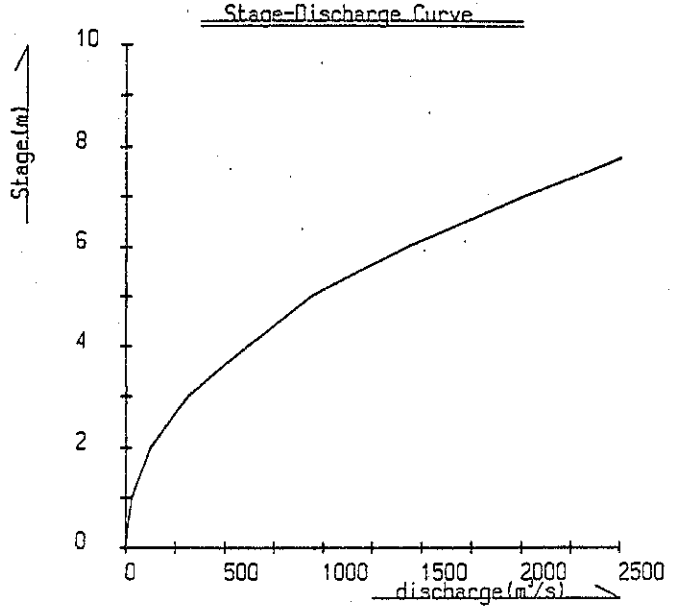




NO	NO. 200 + 0
Hmin	6.37 (m)
Hmax	14.57 (m)
n	.035
I	1/ 1335
A	1063.0441 (m²)
P	191.2266 (m)
R	5.5591 (m)
V	2.4539 (m/s)
Q	2608.6039 (m³/s)

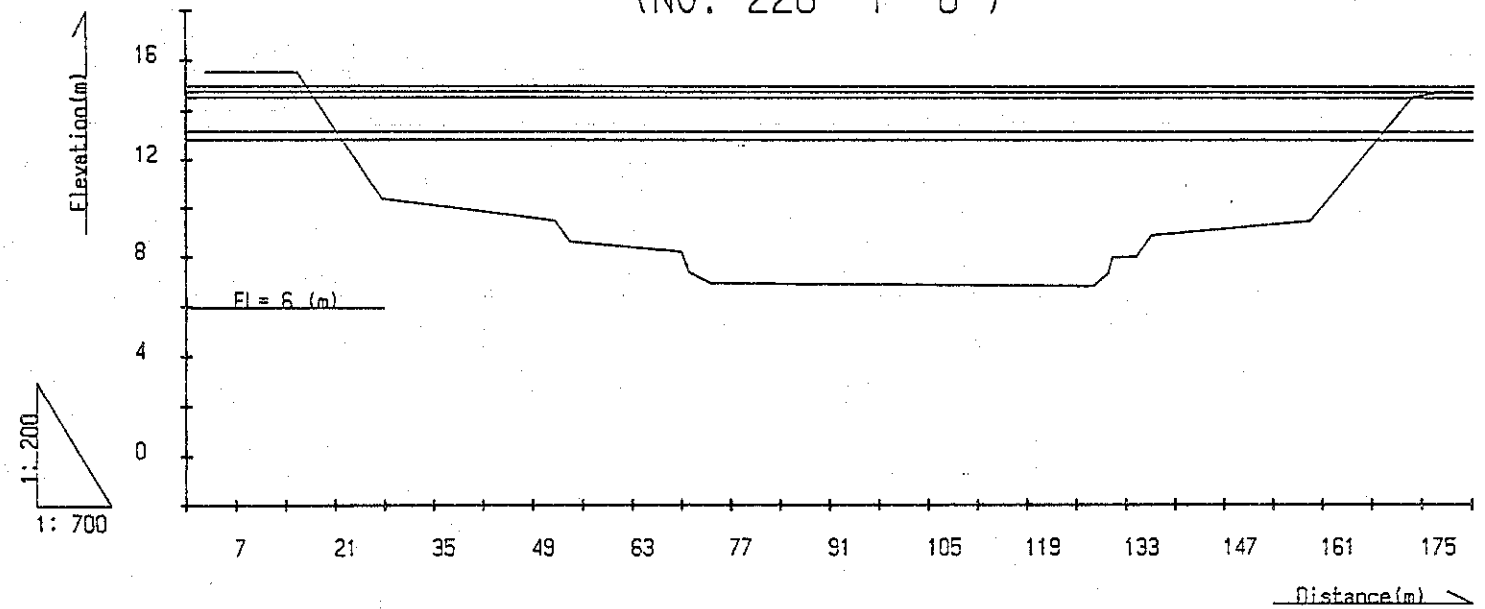
Anyang-Chong
(NO. 210 + 0)

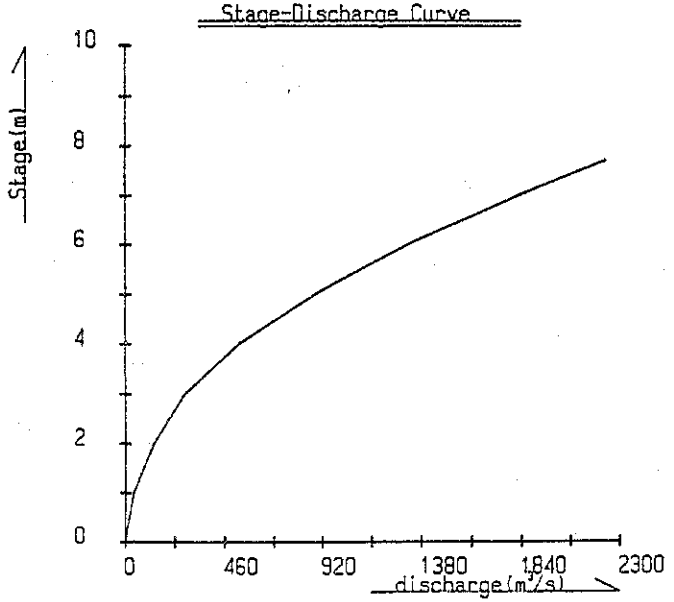




NO.	NO. 210 + 0
Hmin	6.79 (m)
Hmax	14.59 (m)
n	035
I	1/ 1335
A	1027.1974 (m²)
P	187.2508 (m)
R	5.4857 (m)
V	2.4323 (m/s)
Q	2498.4523 (m³/s)

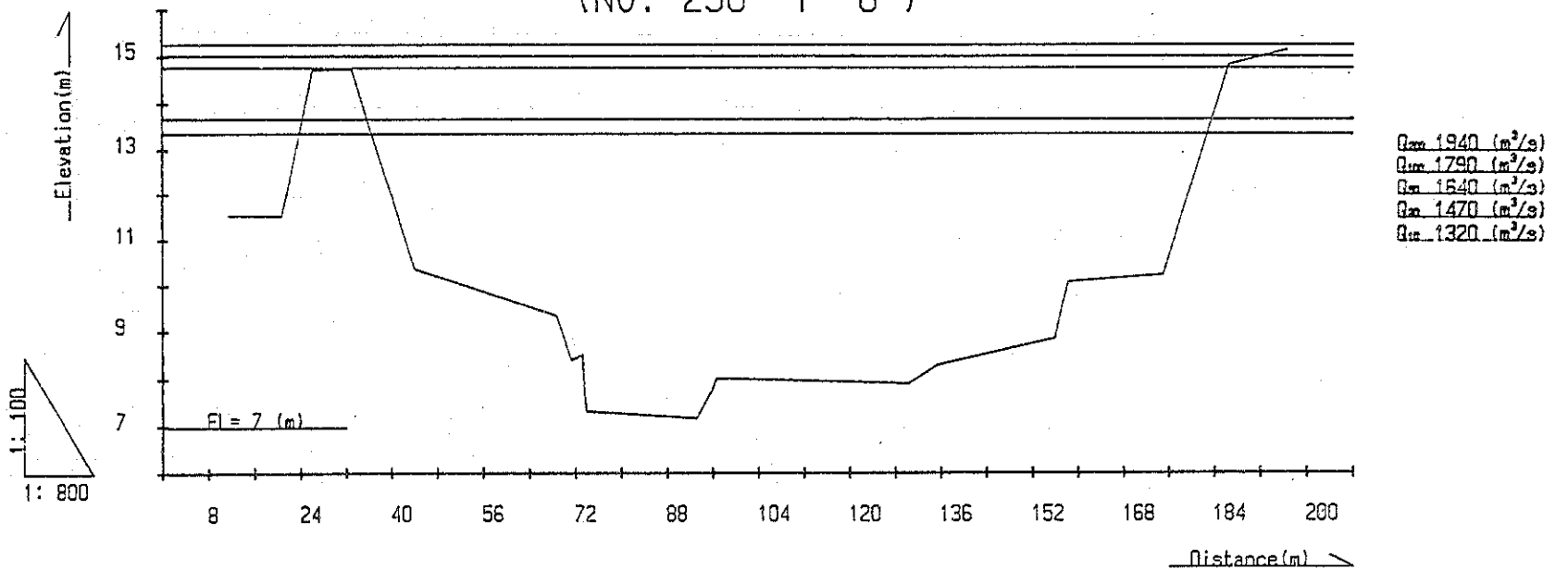
Anyang-Chong
(NO. 220 + 0)

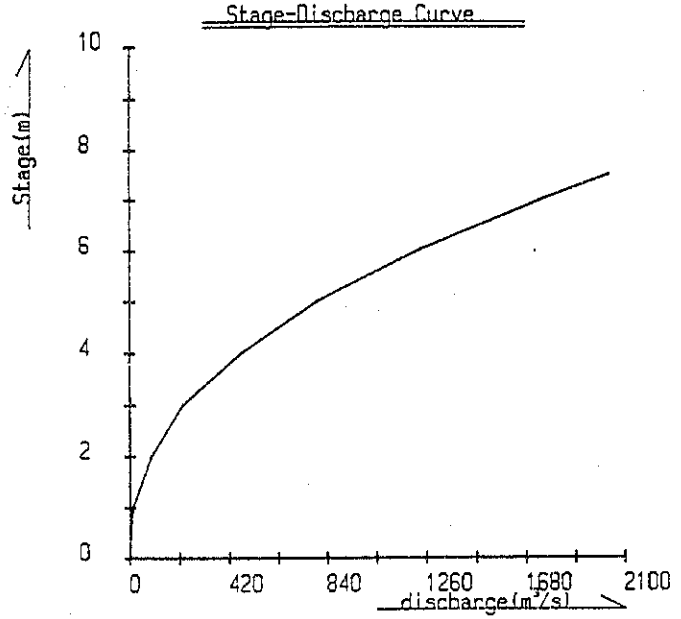




NO	NO. 220 + 0
Hmin	6.903 (m)
Hmax	14.603 (m)
n	.035
I	1/ 1335
A	897.8286 (m²)
P	158.2871 (m)
R	5.6722 (m)
V	2.4871 (m/s)
Q	2232.9895 (m³/s)

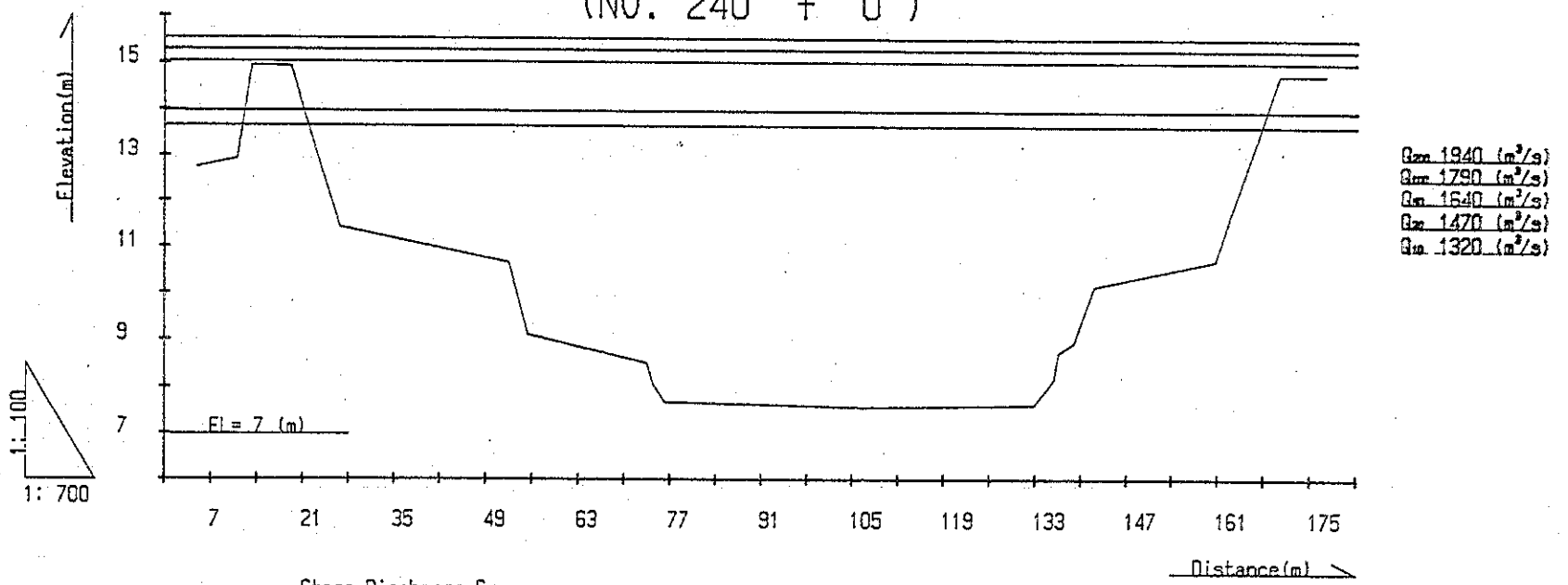
Anyang-Chong
(NO. 230 + 0)

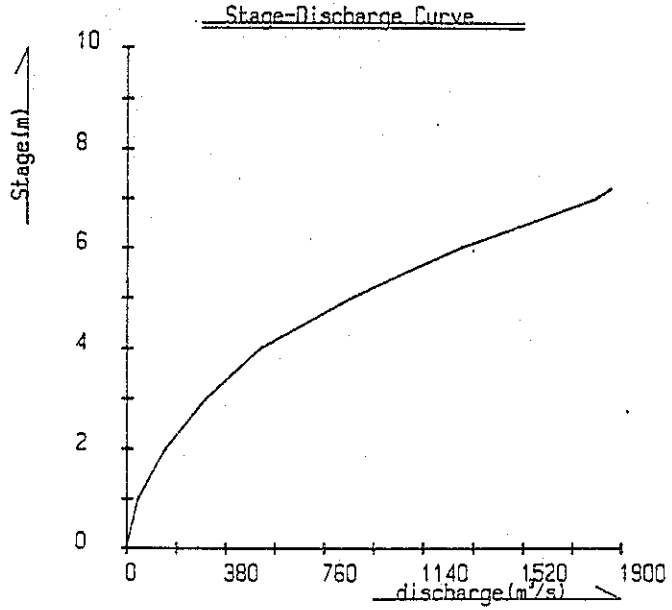




NO	NO. 230 + 0
Hmin	7.203 (m)
Hmax	14.703 (m)
n	.035
I	1/ 1335
A	875.9197 (m²)
P	171.3415 (m)
R	5.1121 (m)
V	2.3205 (m/s)
Q	2032.5716 (m³/s)

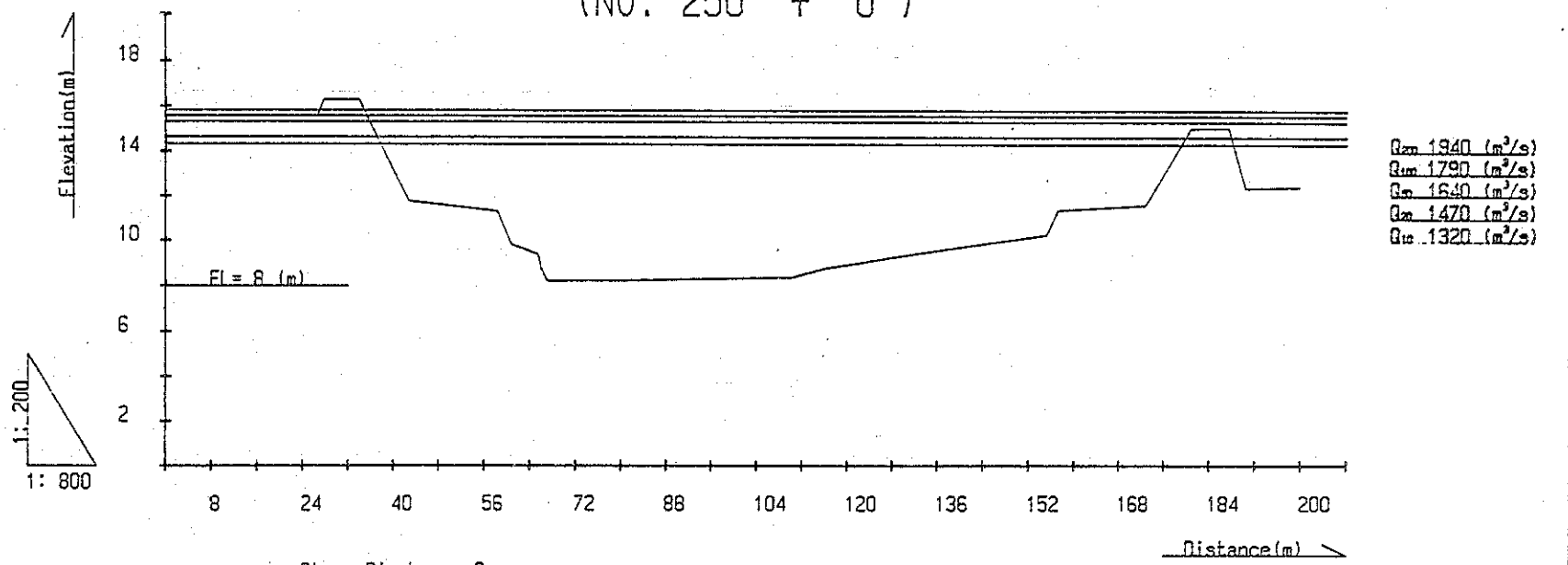
Anyang-Chong
(NO. 240 + 0)

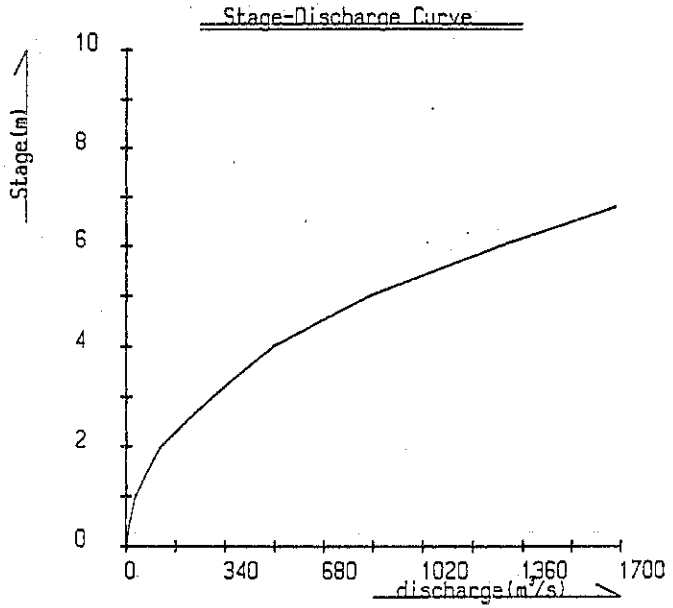




NO.	NO. 240 + 0
Hmin	7.602 (m)
Hmax	14.802 (m)
n	.035
I	1/ 1335
A	824.5487 (m²)
P	169.1103 (m)
R	4.8758 (m)
V	2.2485 (m/s)
Q	1853.9976 (m³/s)

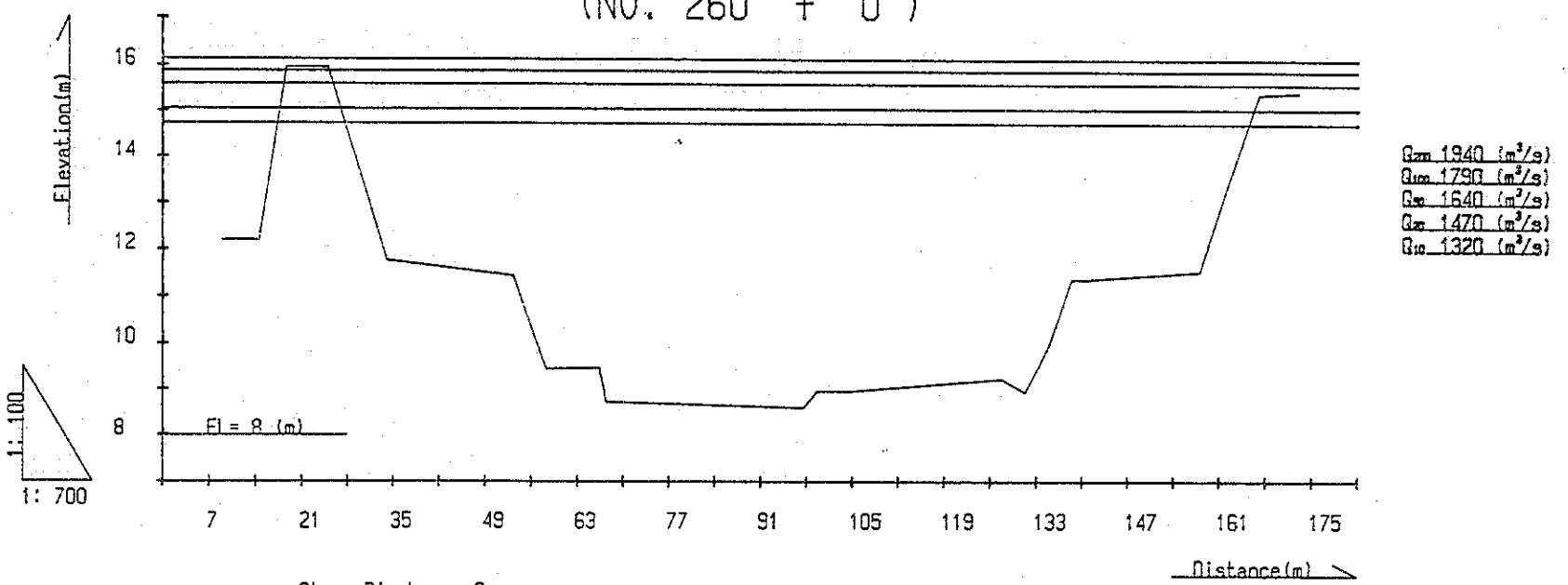
Anyang-Chong
(NO. 250 + 0)

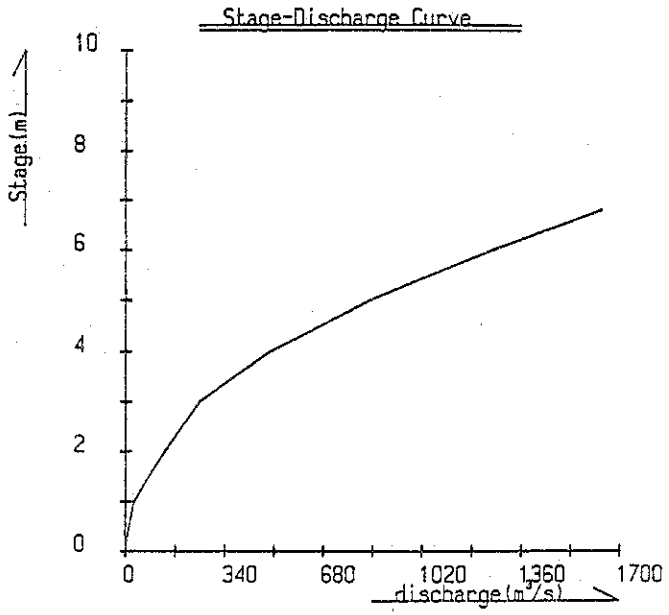




NO.	NO. 250 + 0
Hmin	8.242 (m)
Hmax	15.042 (m)
n	.035
I	1/ 1335
A	760.712 (m²)
P	160.3731 (m)
R	4.7434 (m)
V	2.2076 (m/s)
Q	1679.3479 (m³/s)

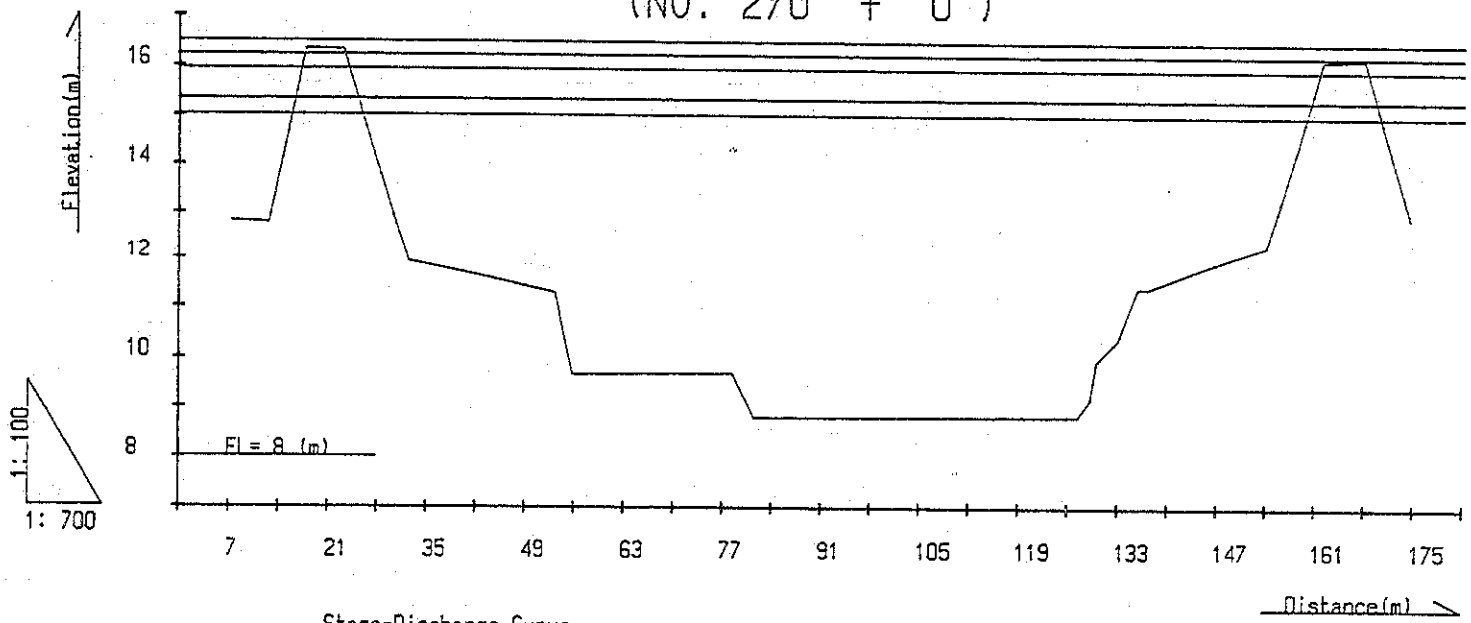
Anyang-Chong
(NO. 260 + 0)

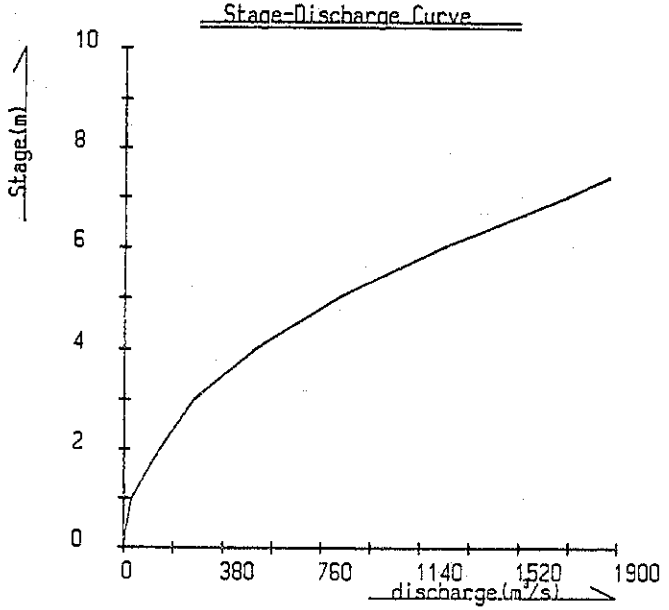




NO.	NO. 260 + 0
Hmin	8.603 (m)
Hmax	15.403 (m)
n	.035
I	1/ 1335
A	740.1683 (m²)
P	155.8709 (m)
R	4.7486 (m)
V	2.2092 (m/s)
Q	1635.1798 (m³/s)

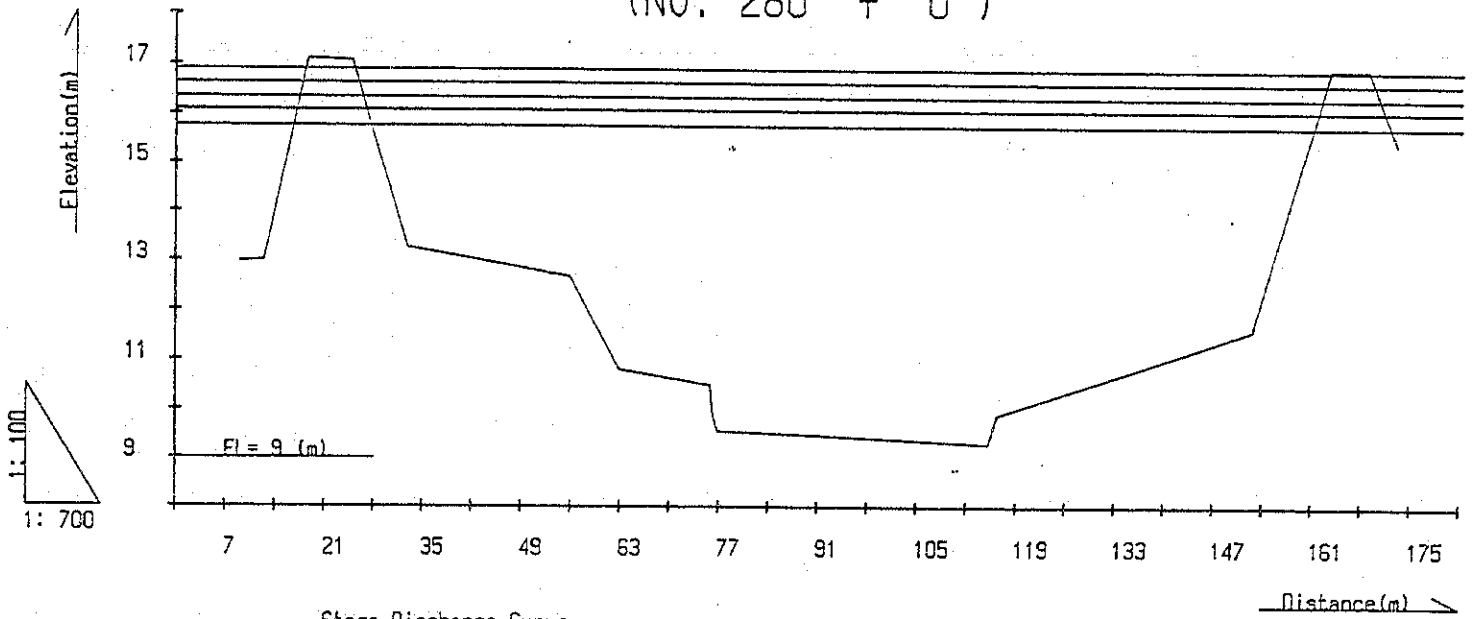
Anyang-Chong
(NO. 270 + 0)

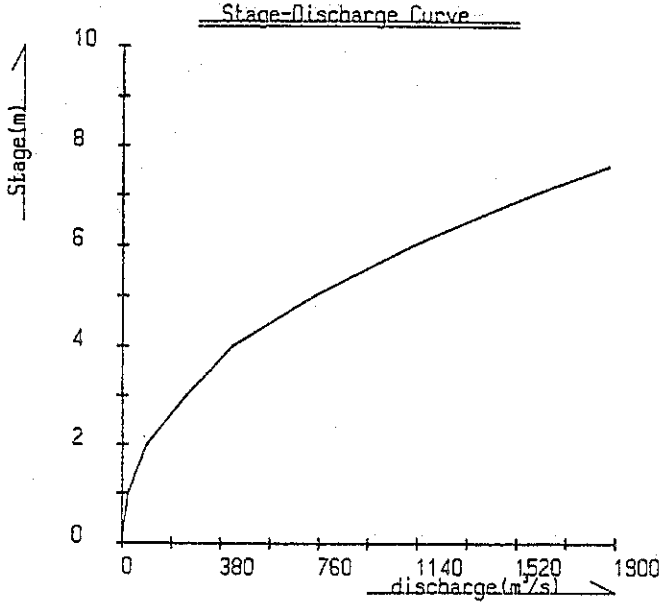




NO.	NO. 270 + 0
Hmin	8.8 (m)
Hmax	16.2 (m)
n	.035
I	1/ 1335
A	822.0234 (m²)
P	166.4392 (m)
R	4.9389 (m)
V	2.2678 (m/s)
Q	1864.1847 (m³/s)

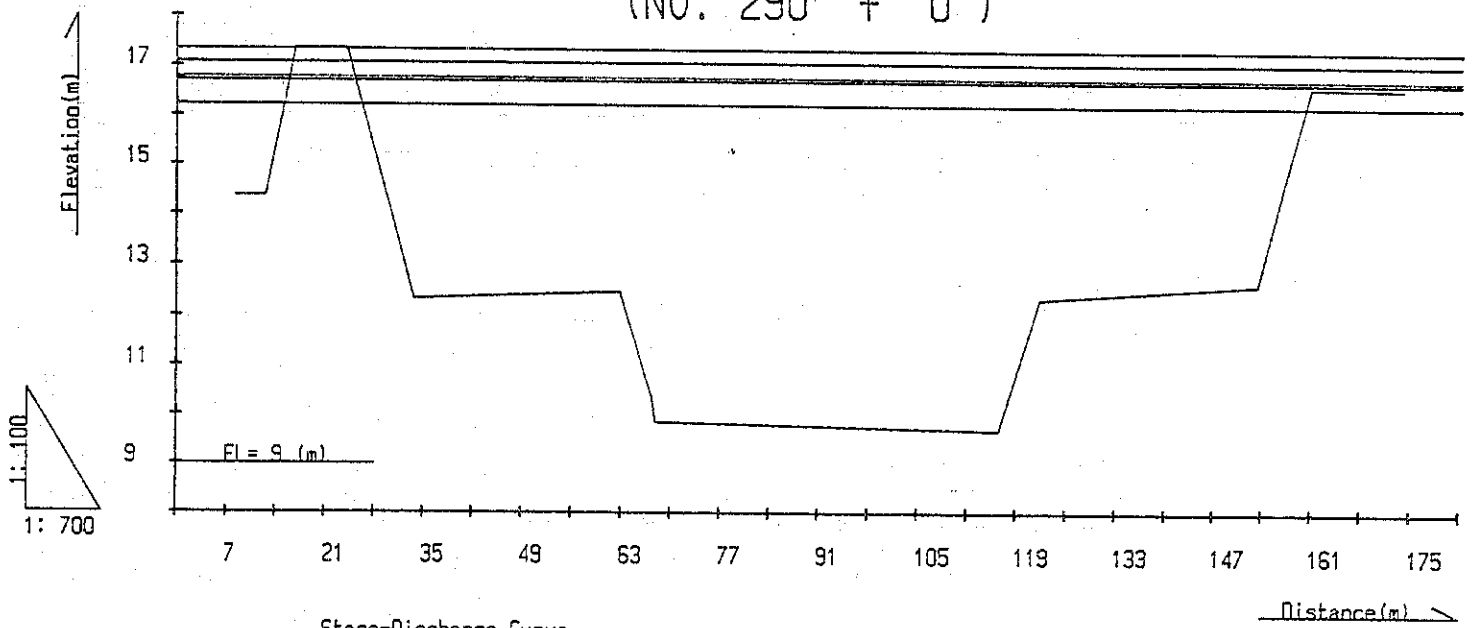
Anyang-Chong
(NO. 280 + 0)

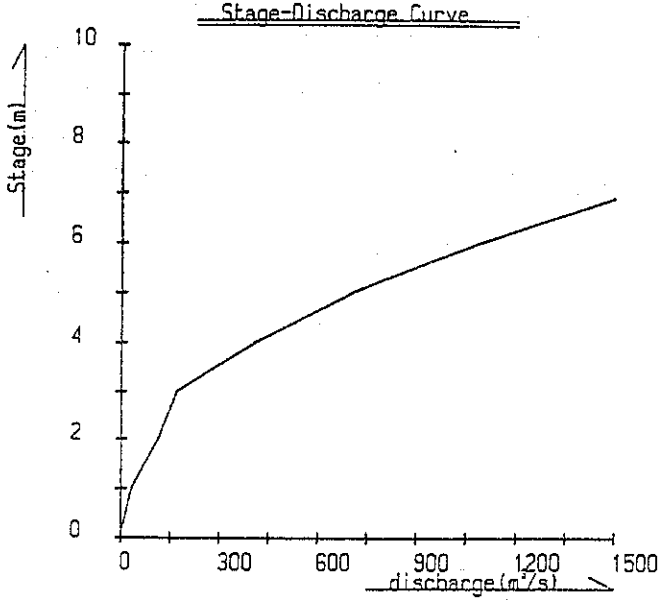




NO.	NO. 280 + 0
Hmin	9.301 (m)
Hmax	16.901 (m)
n	.035
I	1/ 1335
A	802.3152 (m²)
P	155.9752 (m)
R	5.1439 (m)
V	2.3302 (m/s)
Q	1869.5548 (m³/s)

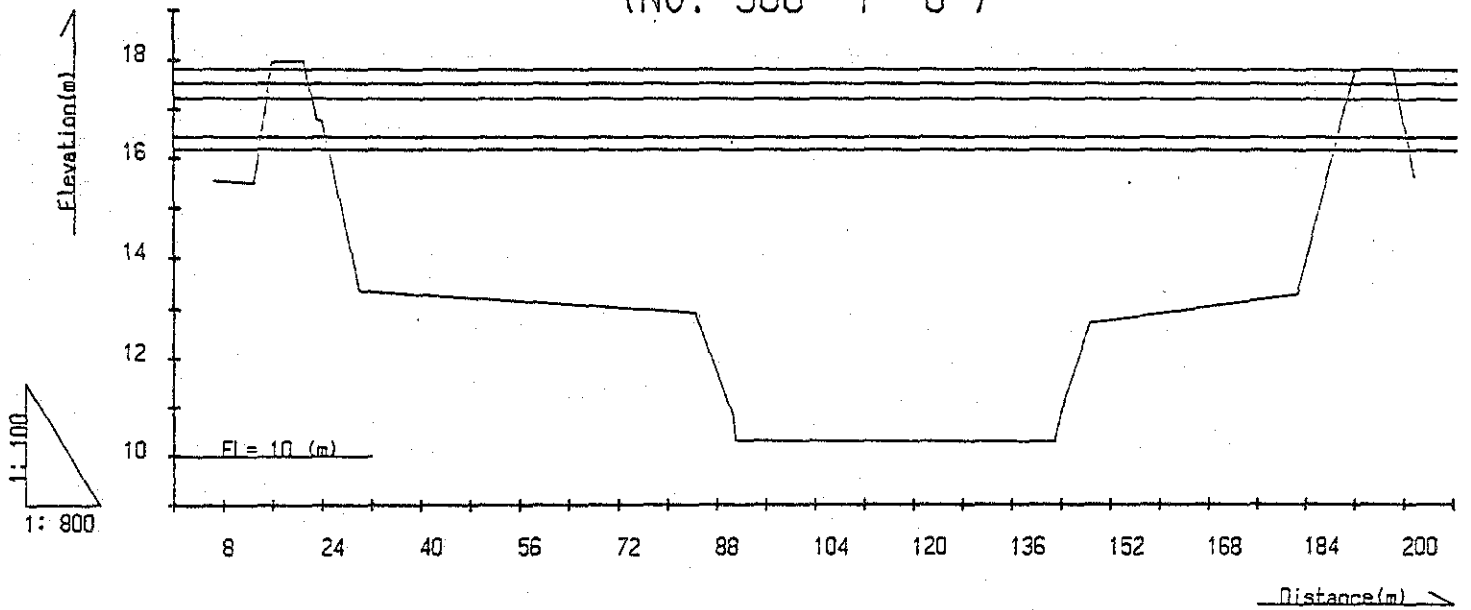
Anyang-Chong
(NO. 290 + 0)

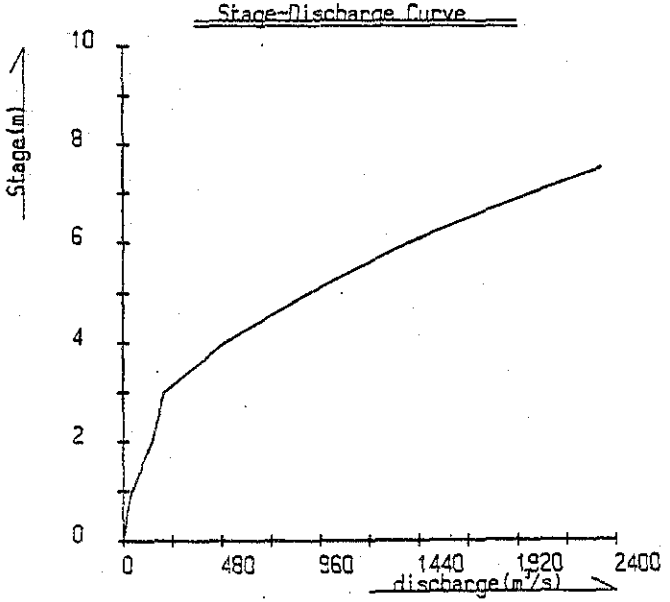




NO.	NO. 290 + 0
Hmin	9.701 (m)
Hmax	16.601 (m)
n	.035
I	1/ 1335
A	685.4096 (m²)
P	146.9202 (m)
R	4.6652 (m)
V	2.1833 (m/s)
Q	1496.4548 (m³/s)

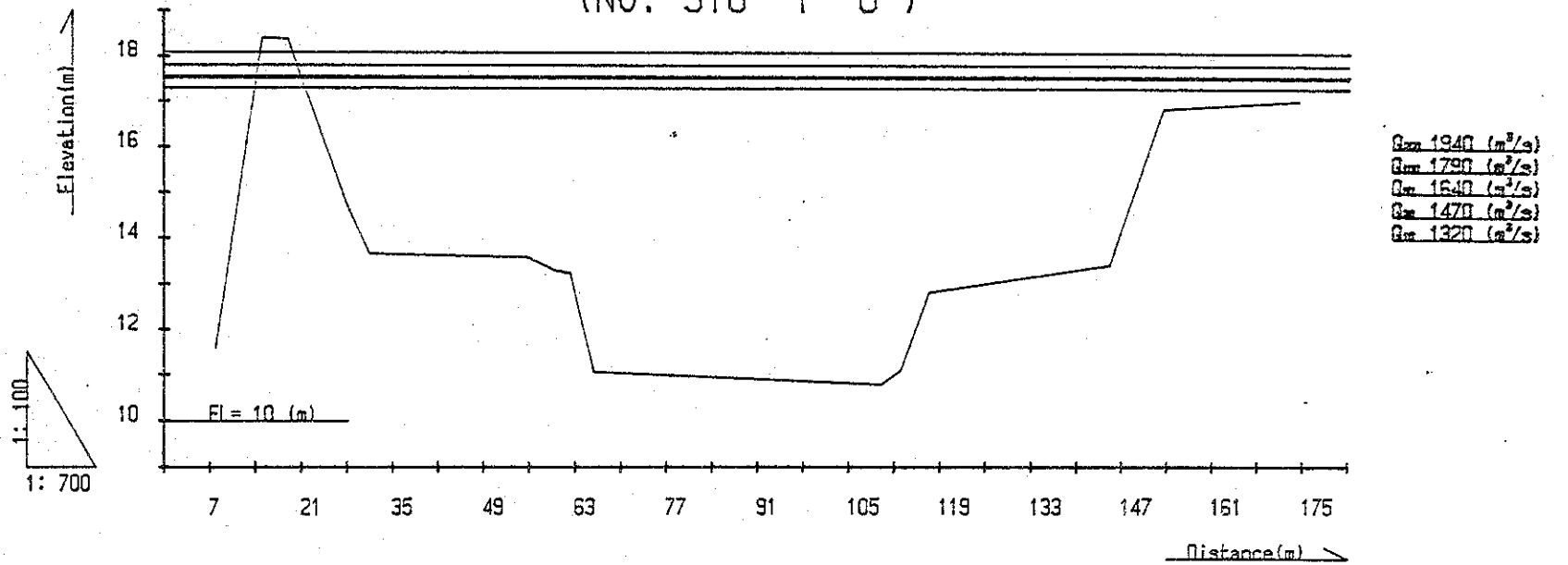
Anyang-Chong
(NO. 300 + 0)

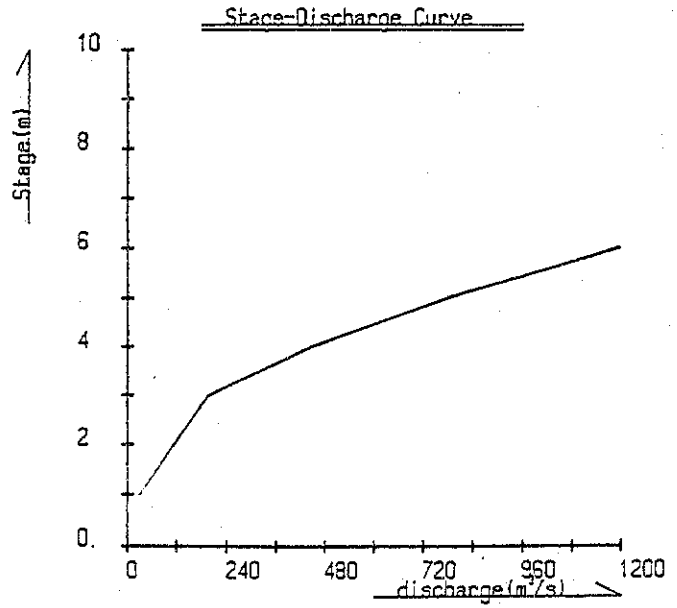




NO	NO. 300 + 0
Hmin	10.301 (m)
Hmax	17.801 (m)
n	.035
I	1/ 1129
A	937.4812 (m²)
P	188.0195 (m)
R	4.9861 (m)
V	2.4818 (m/s)
Q	2326.6409 (m³/s)

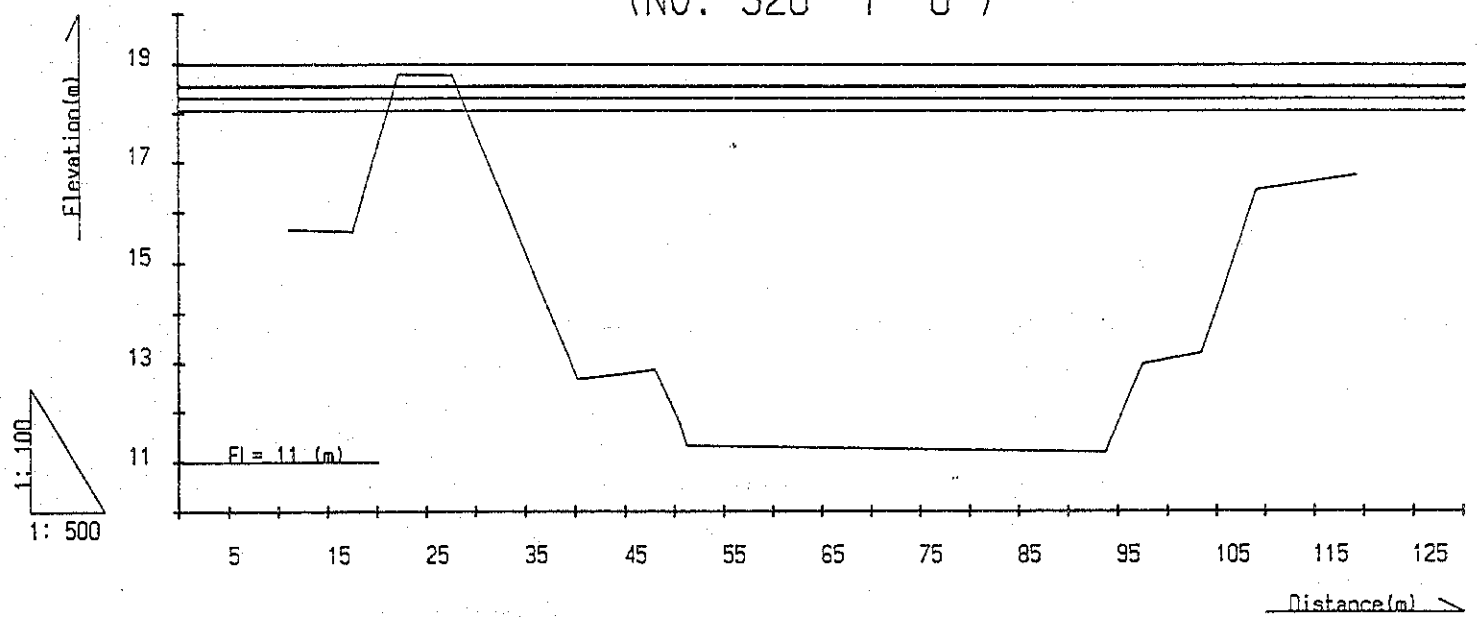
Anyang-Chong
(NO. 310 + 0)

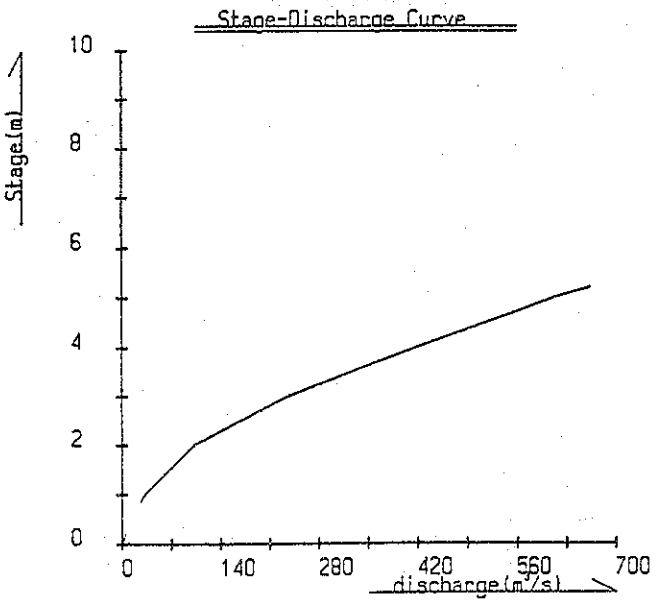




NO.	NO. 310 + 0
Hmin	10.803 (m)
Hmax	16.803 (m)
n	.035
I	1/ 1129
A	558.4518 (m²)
P	140.3407 (m)
R	3.9793 (m)
V	2.1353 (m/s)
Q	1192.4621 (m³/s)

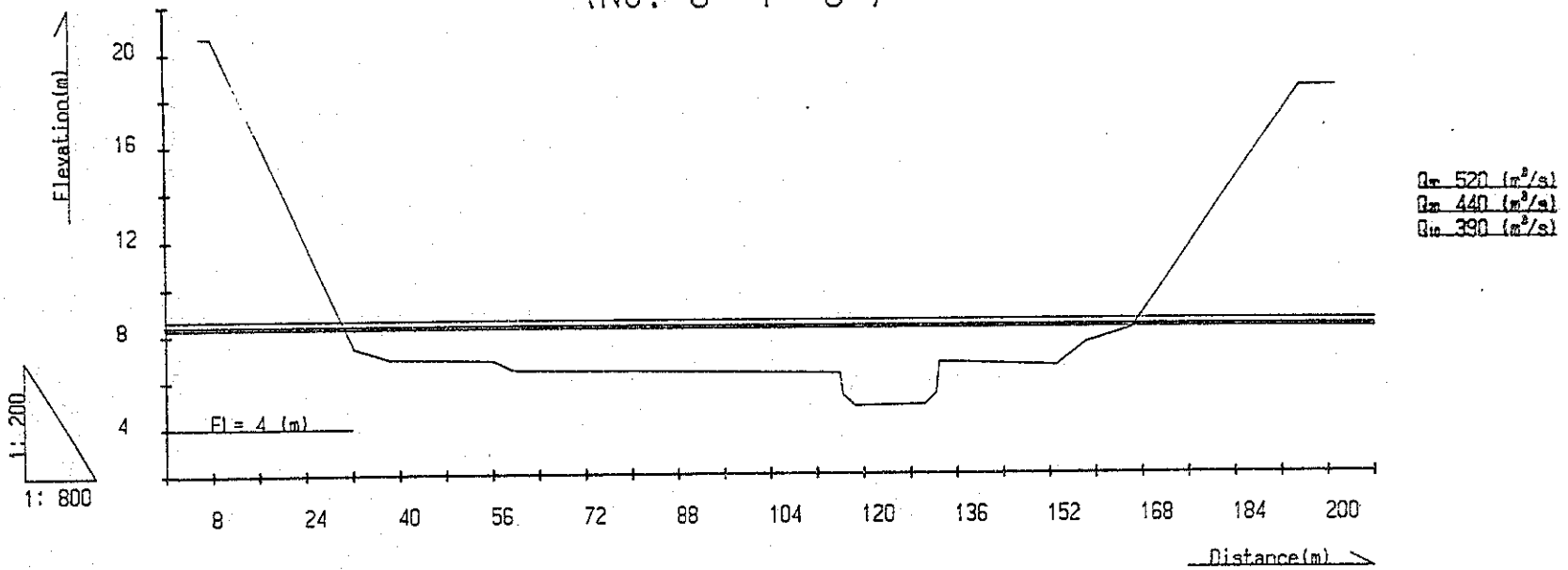
Anyang-Chong
(NO. 320 + 0)

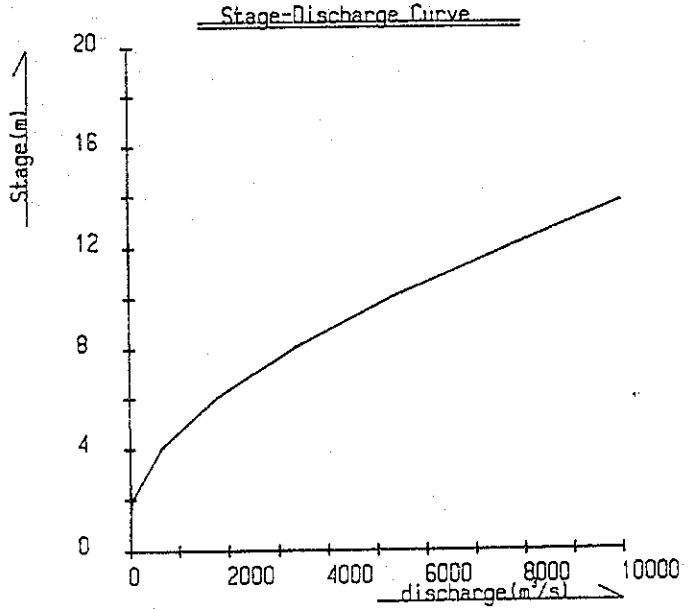




NO.	NO. 320 + 0
Hmin	11.2 (m)
Hmax	16.4 (m)
n	.035
I	1/ 1129
A	324.0144 (m²)
P	86.8049 (m)
R	3.7327 (m)
V	2.0461 (m/s)
Q	662.9658 (m³/s)

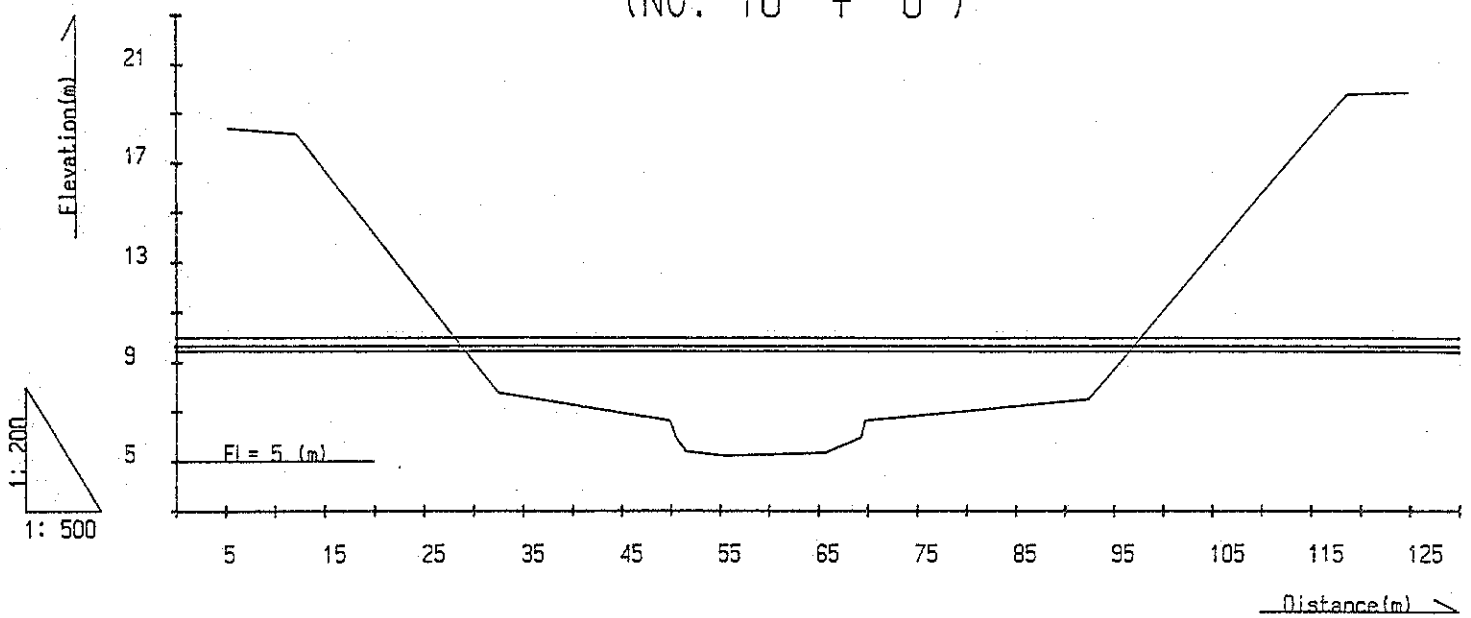
Yangiae-Chong
(NO. 0 + 0)



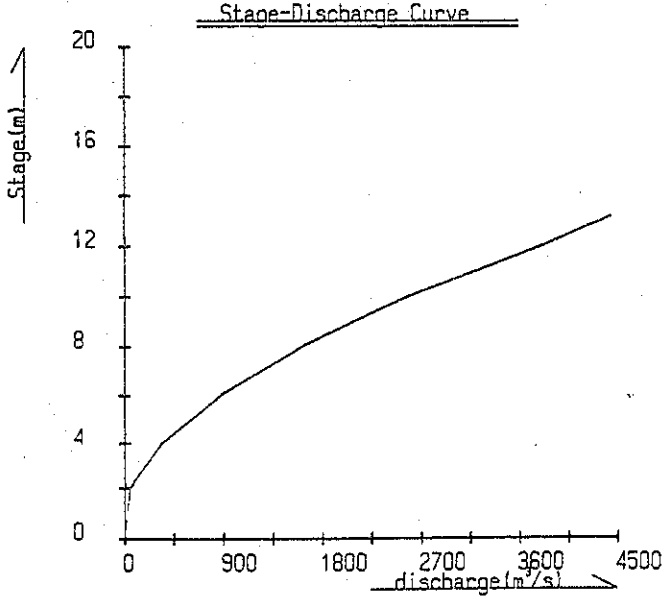


NO.	NO. 0 + 0
Hmin	4.917 (m)
Hmax	18.717 (m)
n	.035
I	1/ 616
A	1903.0649 (m²)
P	196.2689 (m)
R	9.6962 (m)
V	5.2345 (m/s)
Q	9961.5935 (m³/s)

Yangiae-Chong
(NO. 10 + 0)

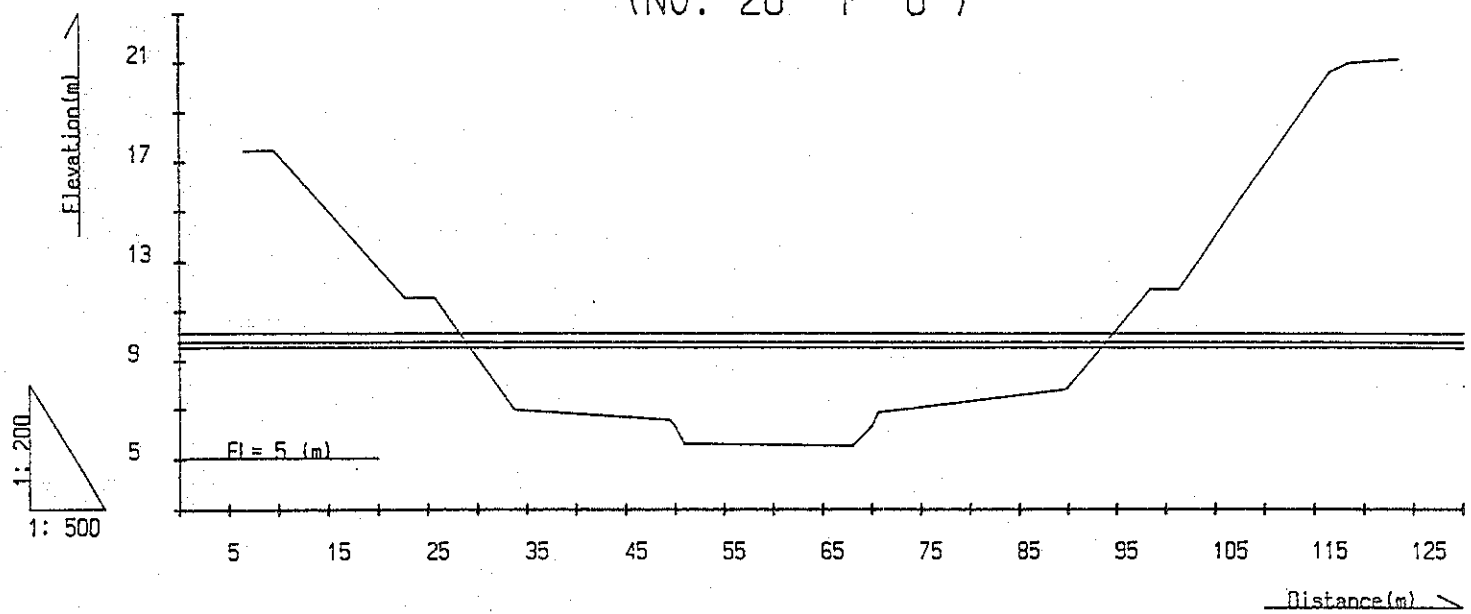


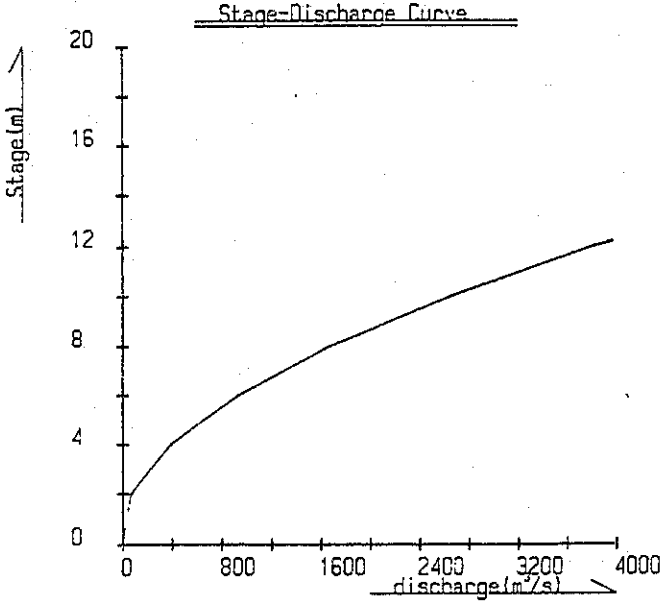
Qs 520 (m³/s)
Qm 440 (m³/s)
Qn 390 (m³/s)



NO.	NO. 10 + 0
Hmin	5.21 (m)
Hmax	18.41 (m)
n	.035
I	1/ 616
A	947.8141 (m²)
P	116.1715 (m)
R	8.1587 (m)
V	4.6654 (m/s)
Q	4421.9319 (m³/s)

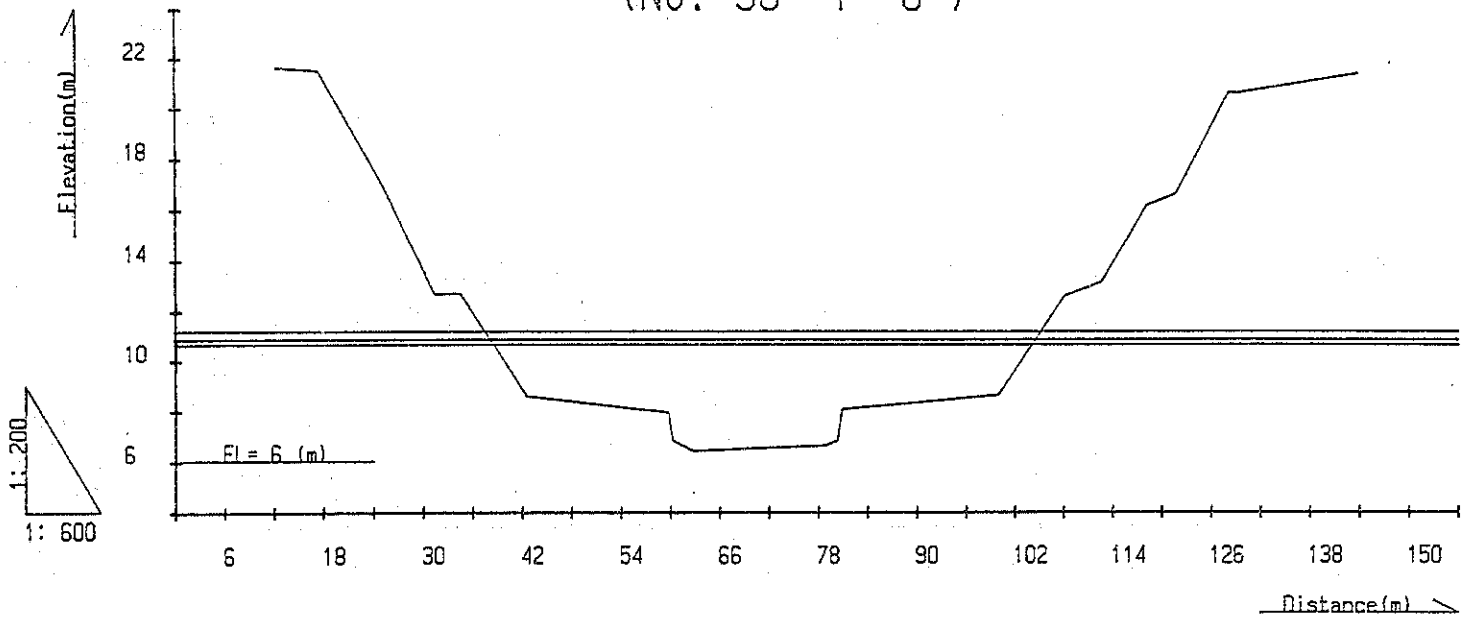
Yangiae-Chong
(NO. 20 + 0)

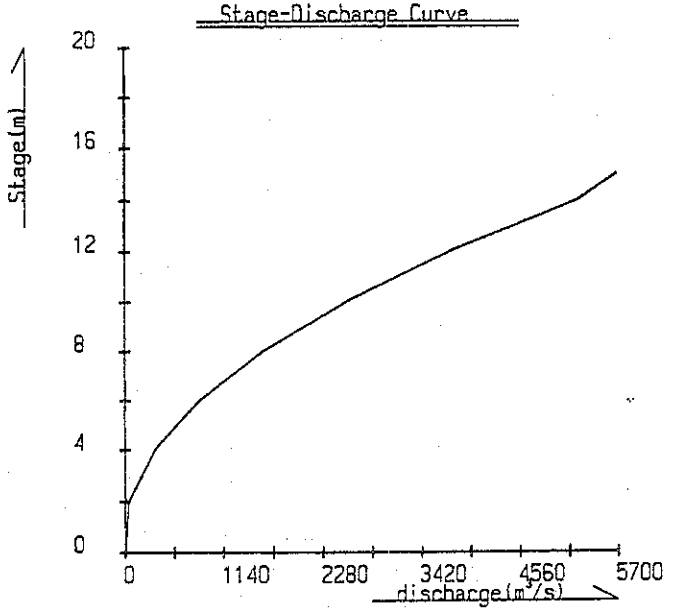




NO.	NO. 20 + 0
Hmin	5.498 (m)
Hmax	17.698 (m)
n	.035
I	1/ 616
A	869.6417 (m²)
P	110.3999 (m)
R	7.8772 (m)
V	4.5575 (m/s)
Q	3963.3922 (m³/s)

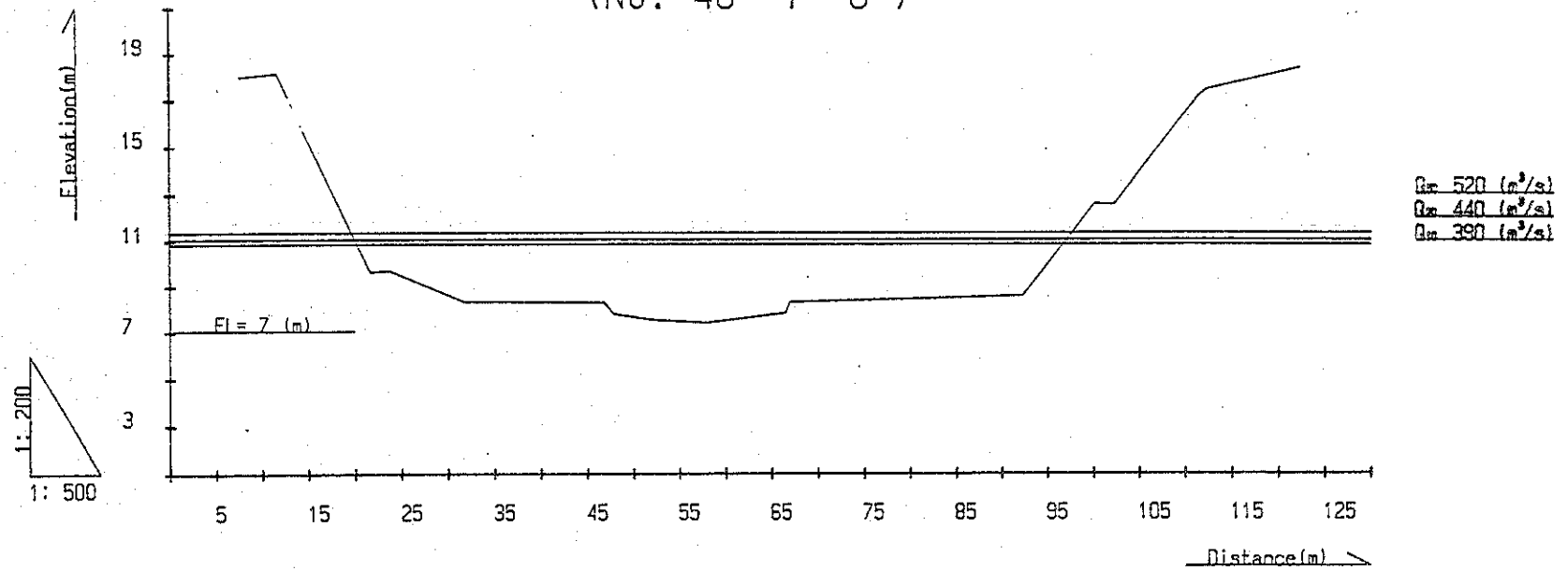
Yangiae-Chong
(NO. 30 + 0)

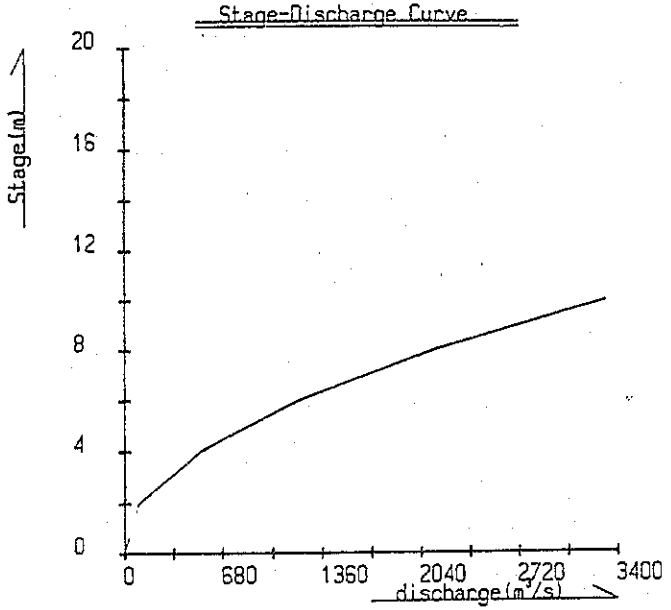




NO.	NO. 30 + 0
Hmin	6.397 (m)
Hmax	21.397 (m)
n	.035
I	1/ 616
A	1164.817 (m²)
P	133.6877 (m)
R	8.713 (m)
V	4.8744 (m/s)
Q	5677.7842 (m³/s)

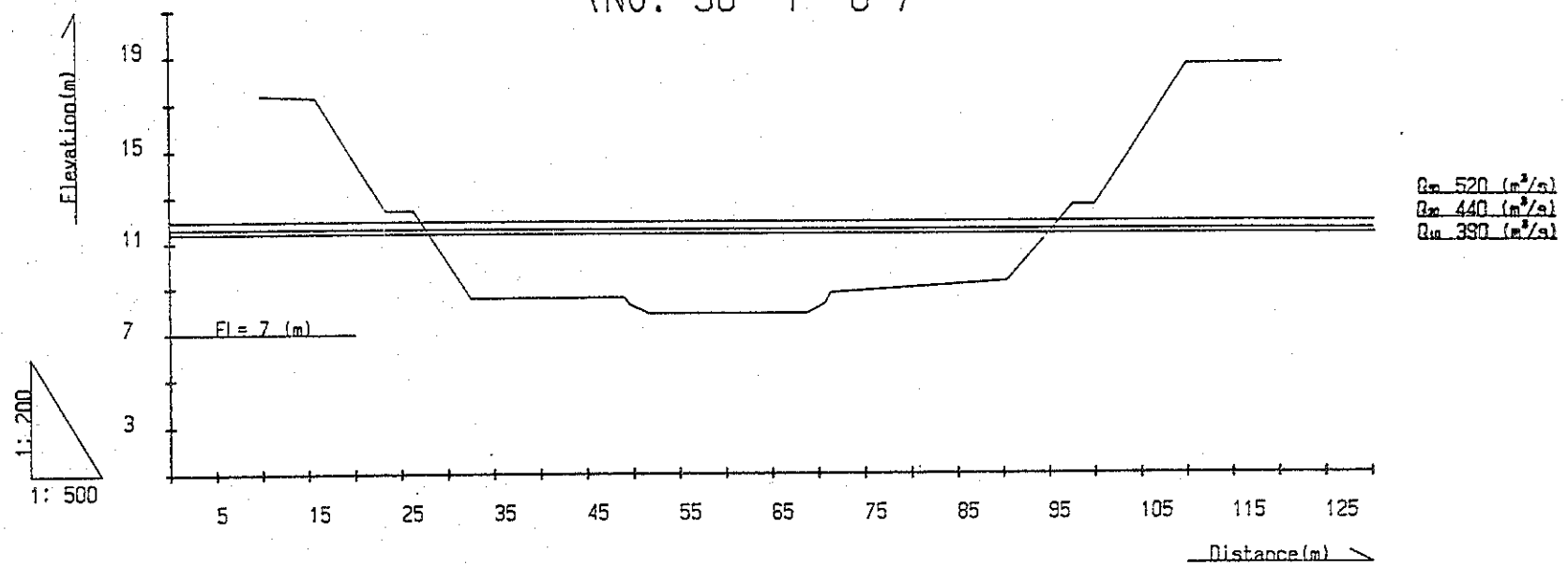
Yangiae-Chong
(NO. 40 + 0)

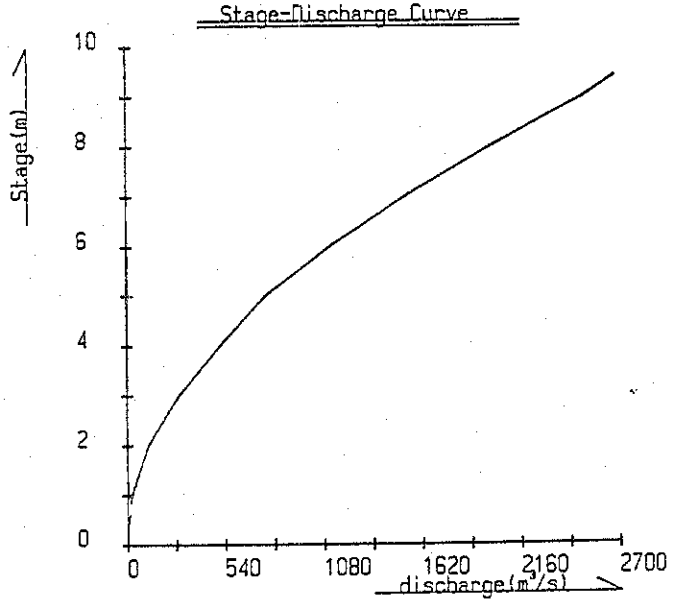




NO.	NO. 40 + 0
Hmin	7.354 (m)
Hmax	17.354 (m)
n	.035
I	1/ 616
A	763.8929 (m²)
P	104.8905 (m)
R	7.2828 (m)
V	4.3252 (m/s)
Q	3303.9896 (m³/s)

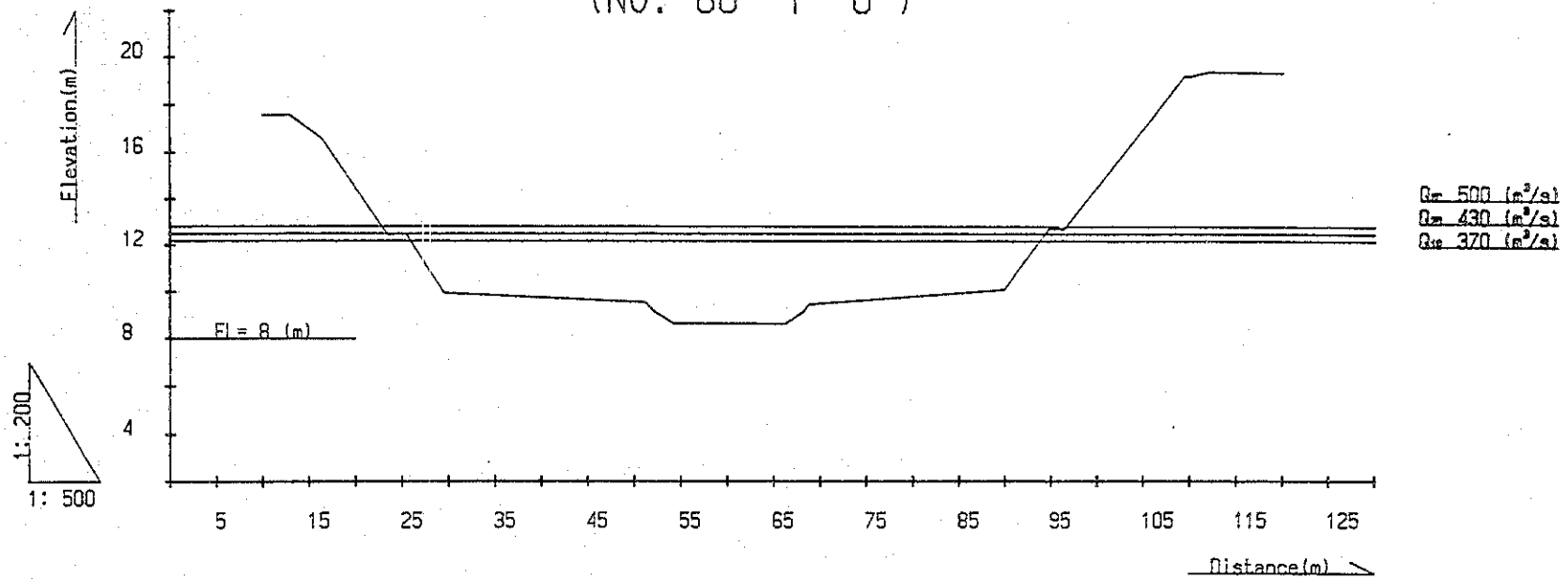
Yangiae-Chong
(NO. 50 + 0)

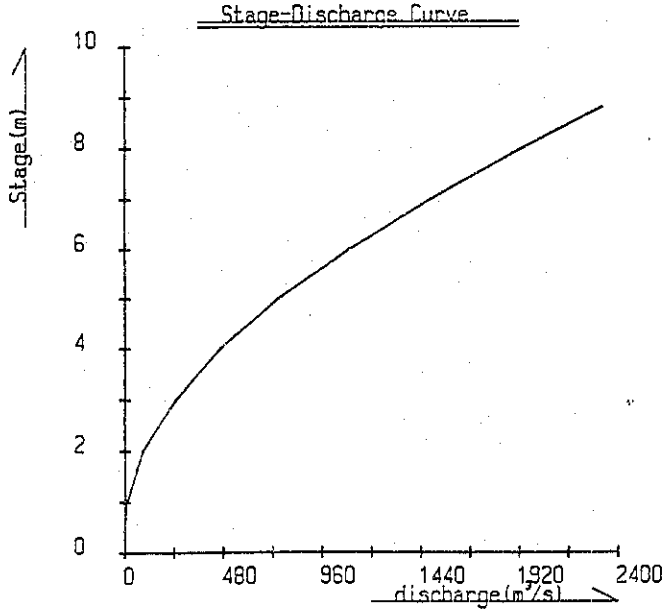




NO.	NO. 50 + 0
Hmin	7.906 (m)
Hmax	17.306 (m)
n	.035
I	1/ 616
A	659.6123 (m²)
P	99.8973 (m)
R	6.6029 (m)
V	4.0516 (m/s)
Q	2672.485 (m³/s)

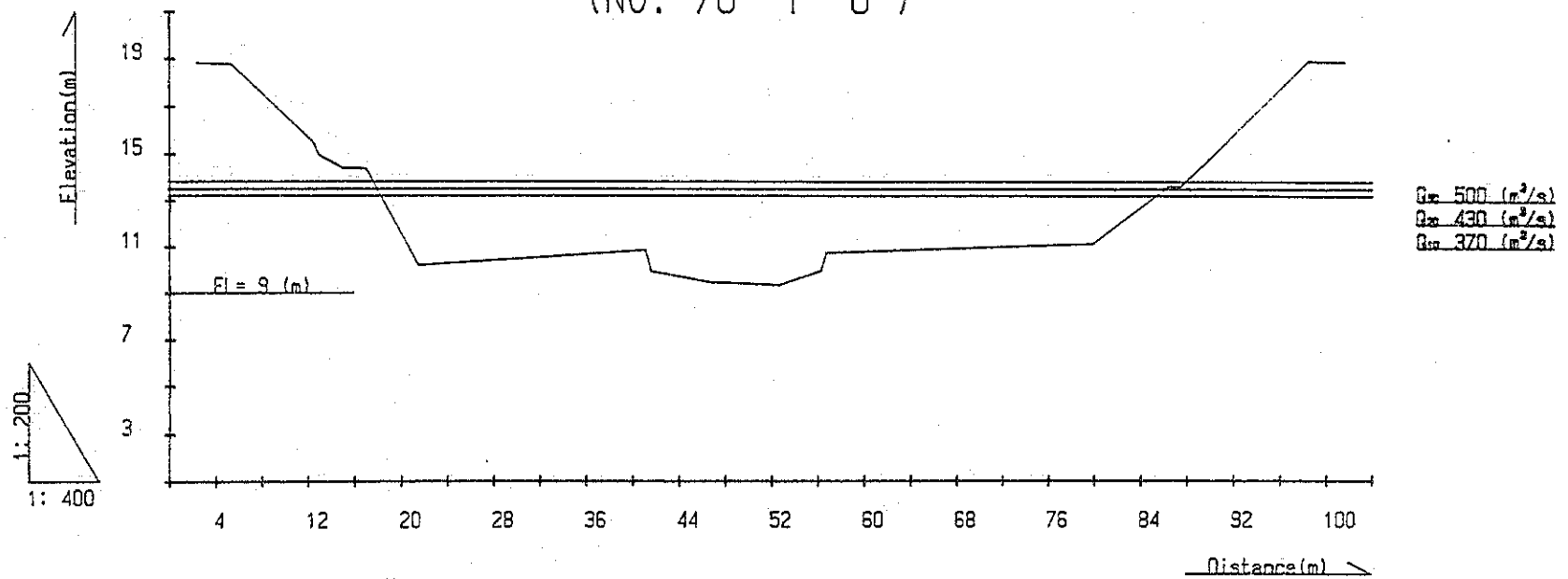
Yangiae-Chong
(NO. 60 + 0)

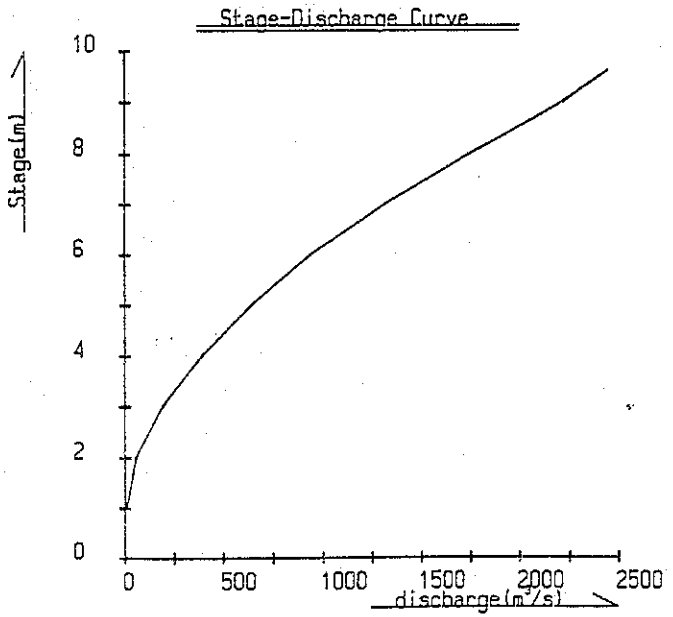




NO.	NO. 60 + 0
Hmin	8.649 (m)
Hmax	17.449 (m)
n	.035
I	1/ 616
A	597.4829 (m²)
P	96.4156 (m)
R	6.197 (m)
V	3.8839 (m/s)
Q	2320.5636 (m³/s)

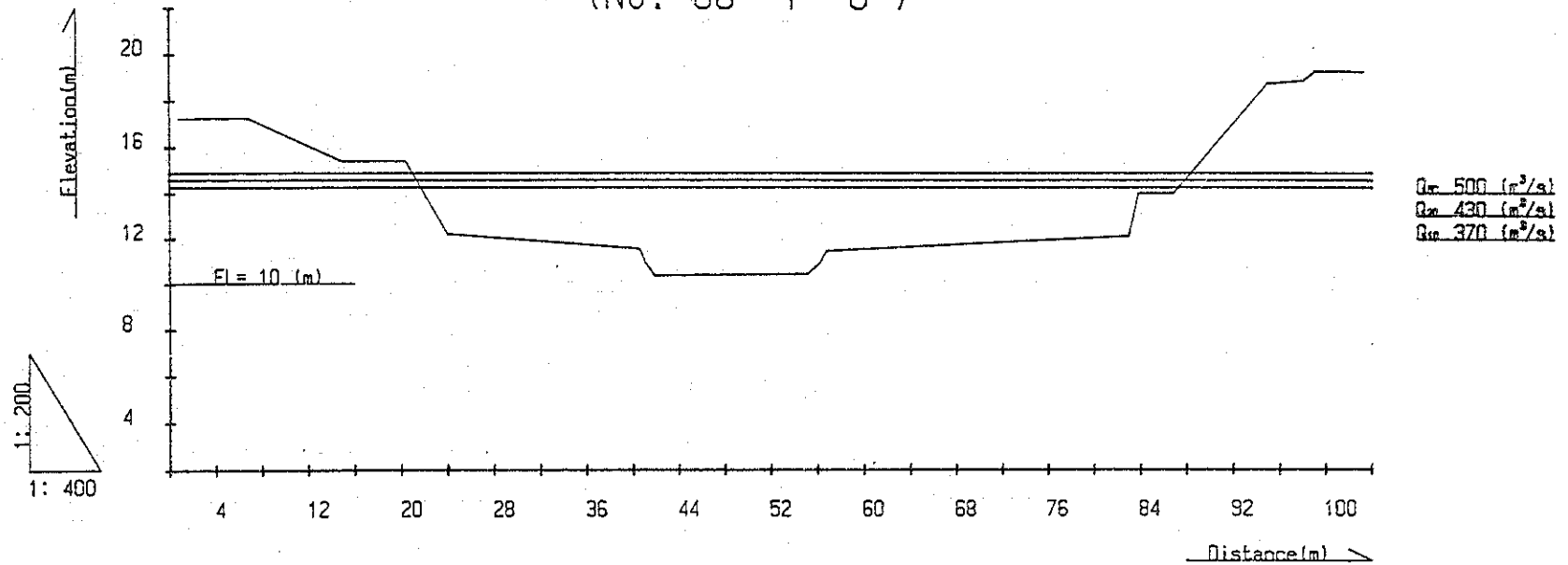
Yangiae-Chong
(NO. 70 + 0)

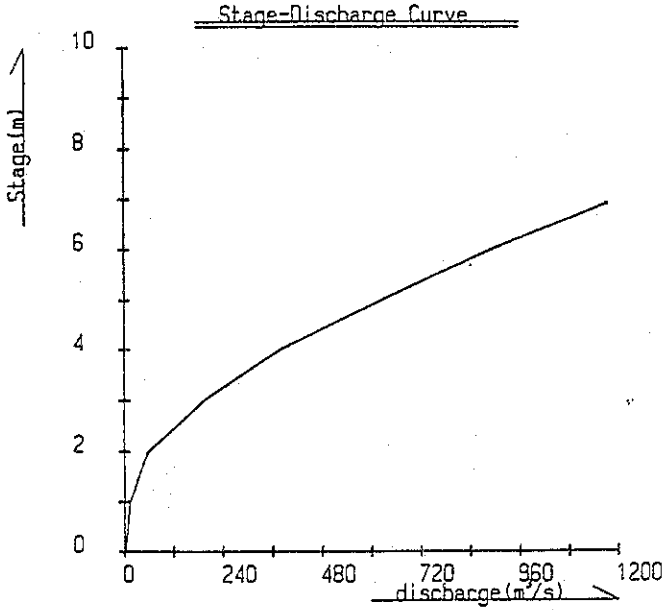




NO.	NO. 70 + 0
Hmin	9.34 (m)
Hmax	18.94 (m)
n	.035
I	1/ 616
A	635.3309 (m²)
P	104.2611 (m)
R	6.0937 (m)
V	3.8406 (m/s)
Q	2440.0517 (m³/s)

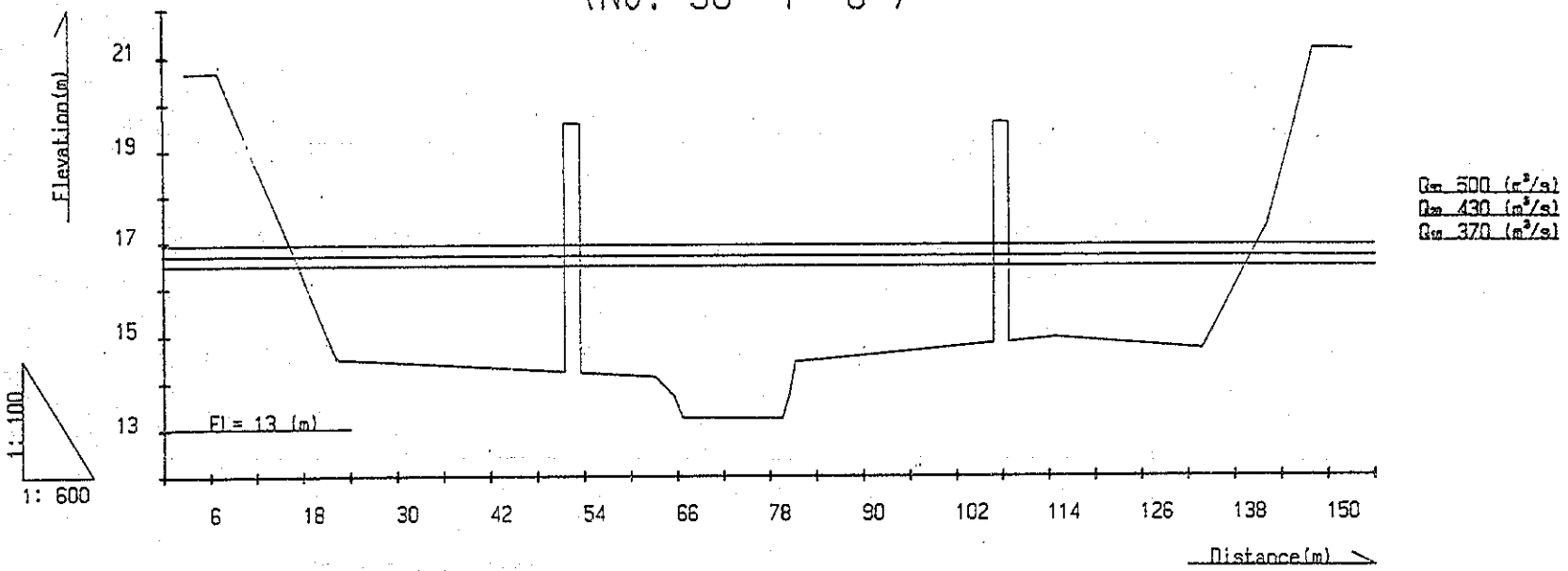
Yangiae-Chong
(NO. 80 + 0)

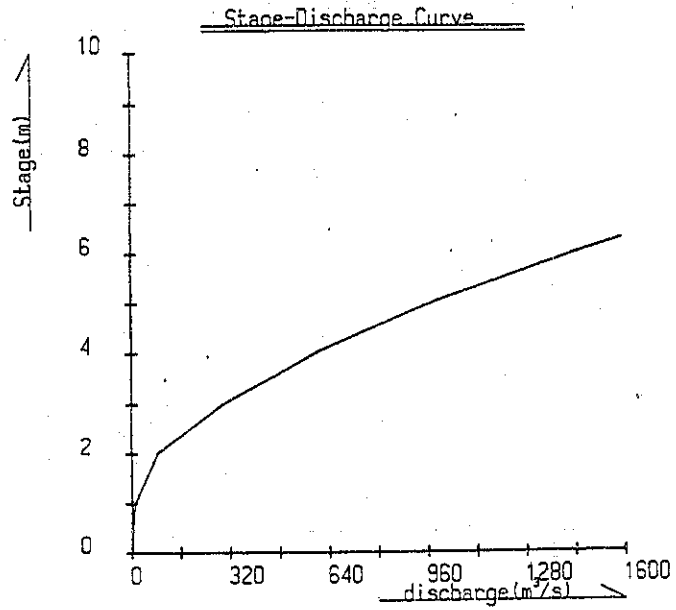




NO.	NO. 80 + 0
Hmin	10.363 (m)
Hmax	17.263 (m)
n	.035
I	1/ 616
A	396.1361 (m²)
P	95.9902 (m)
R	4.1268 (m)
V	2.9618 (m/s)
Q	1173.276 (m³/s)

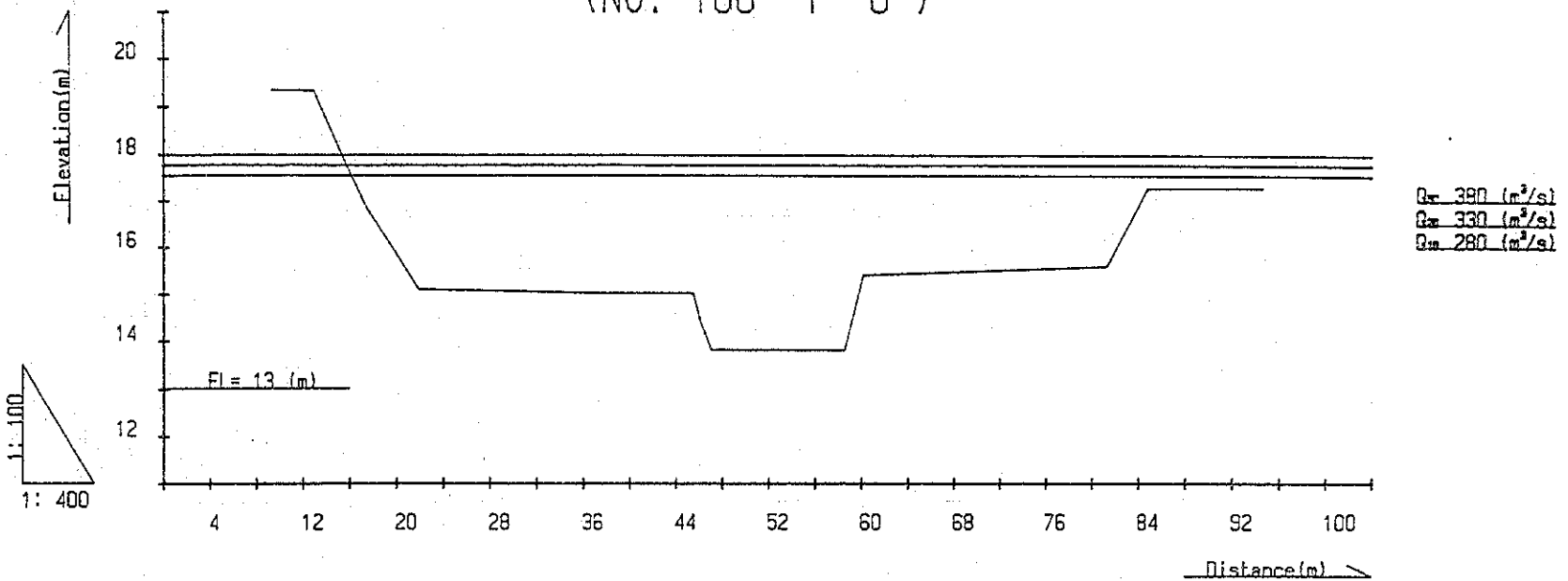
Yangiae-Chong
(NO. 90 + 0)

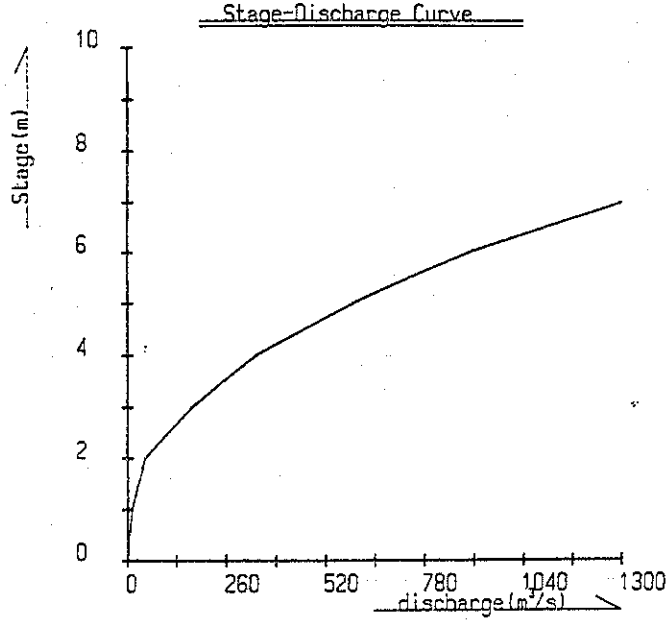




NO.	NO. 90 + 0
Hmin	13.209 (m)
Hmax	19.509 (m)
n	.035
I	1/ 794
A	618.7485 (m²)
P	154.1099 (m)
R	4.015 (m)
V	2.5614 (m/s)
Q	1584.8623 (m³/s)

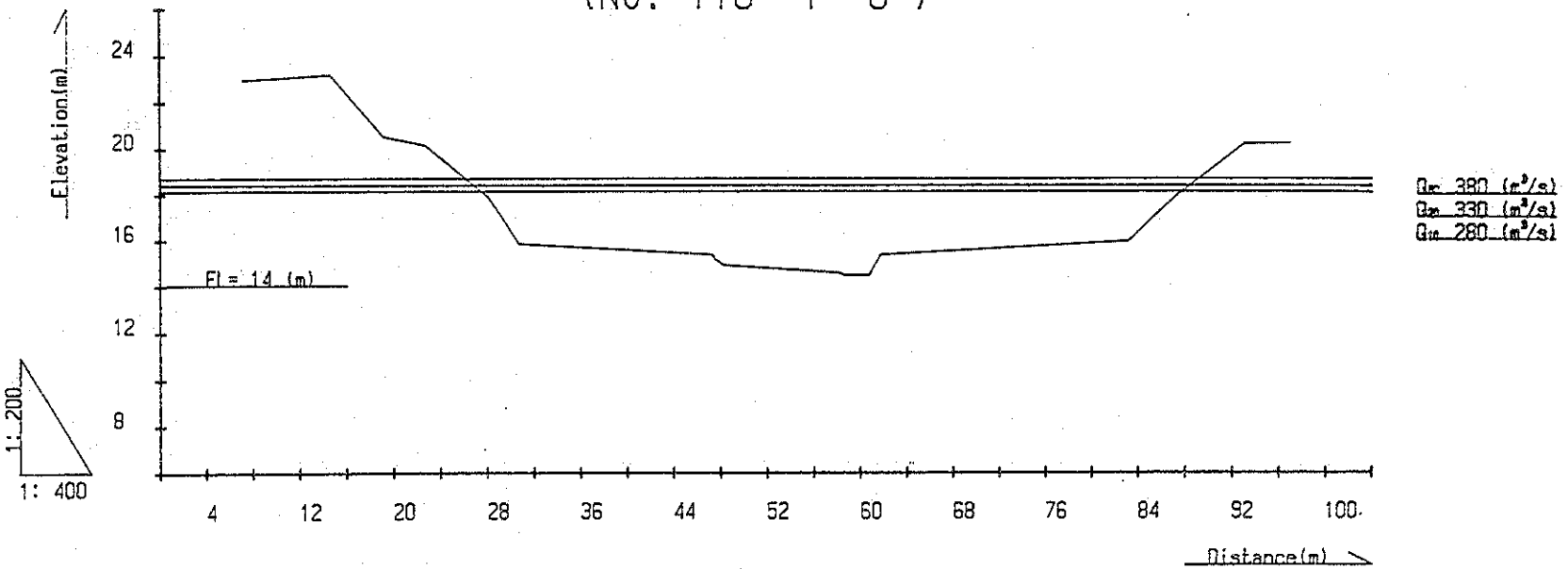
Yangiae-Chong
(NO. 100 + 0)

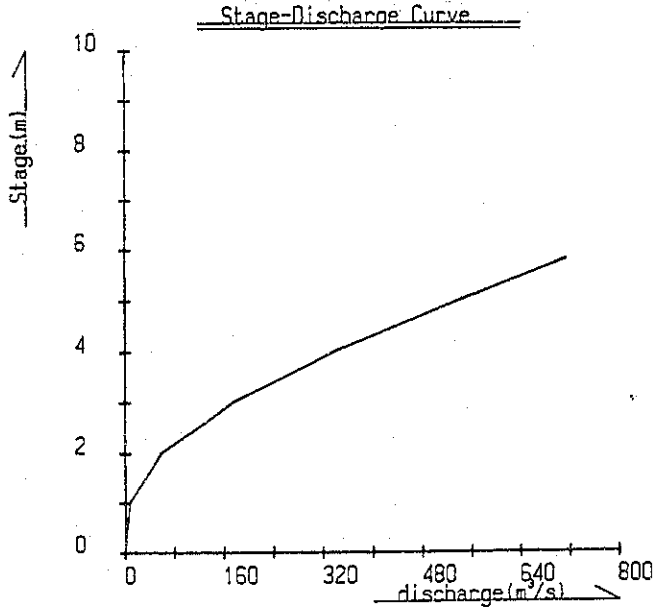




NO.	NO. 100 + 0
Hmin	13.8 (m)
Hmax	20.8 (m)
n	.035
I	1/ 794
A	437.8439 (m²)
P	87.7274 (m)
R	4.991 (m)
V	2.9613 (m/s)
Q	1296.5871 (m³/s)

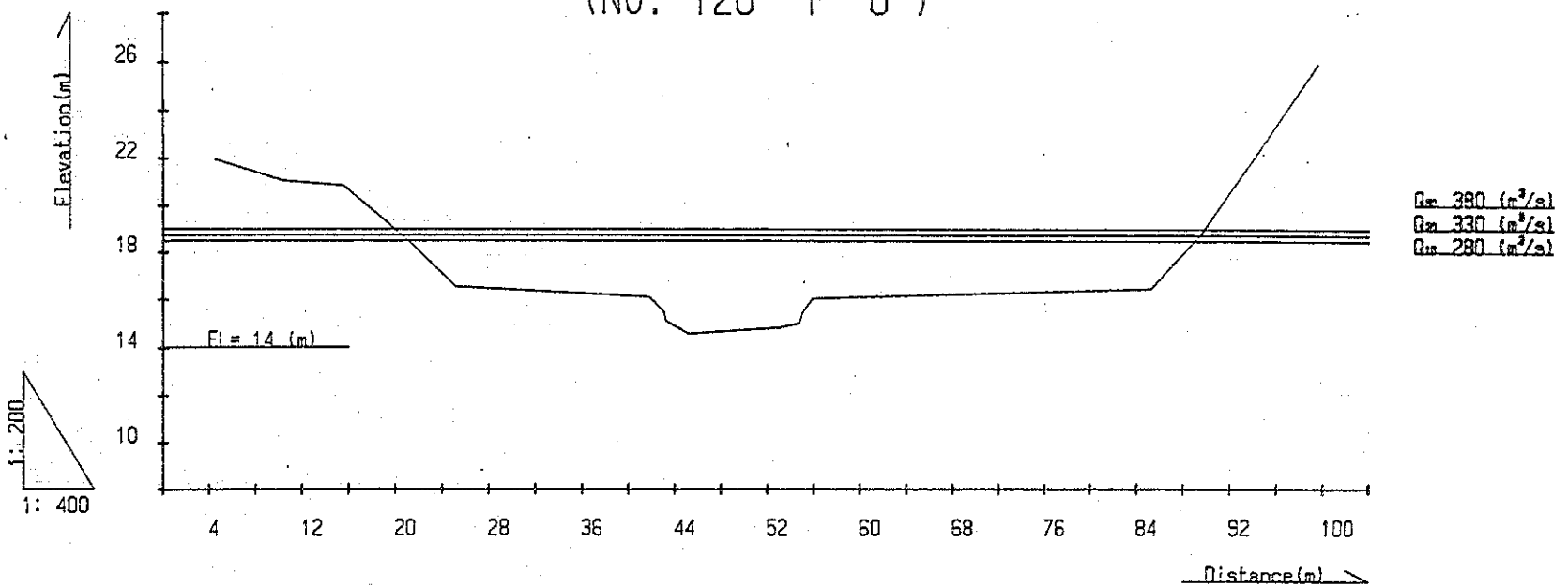
Yangiae-Chong
(NO. 110 + 0)

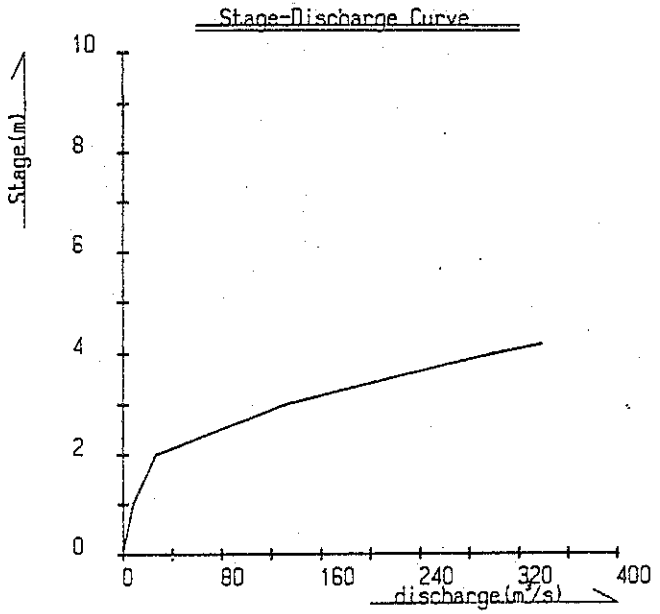




NO.	NO. 110 + 0
Hmin	14.434 (m)
Hmax	20.234 (m)
n	.035
I	1/ 794
A	291.576 (m²)
P	77.8337 (m)
R	3.7461 (m)
V	2.4457 (m/s)
Q	713.1075 (m³/s)

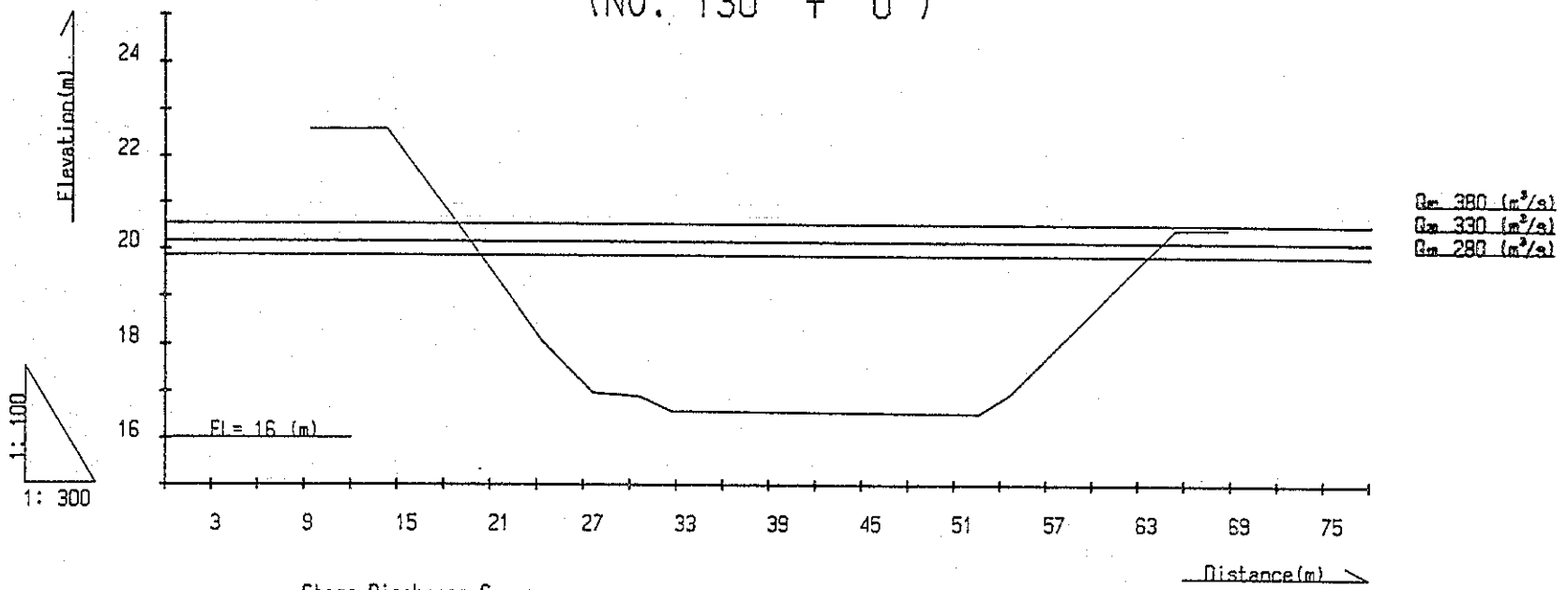
Yangiae-Chong
(NO. 120 + 0)

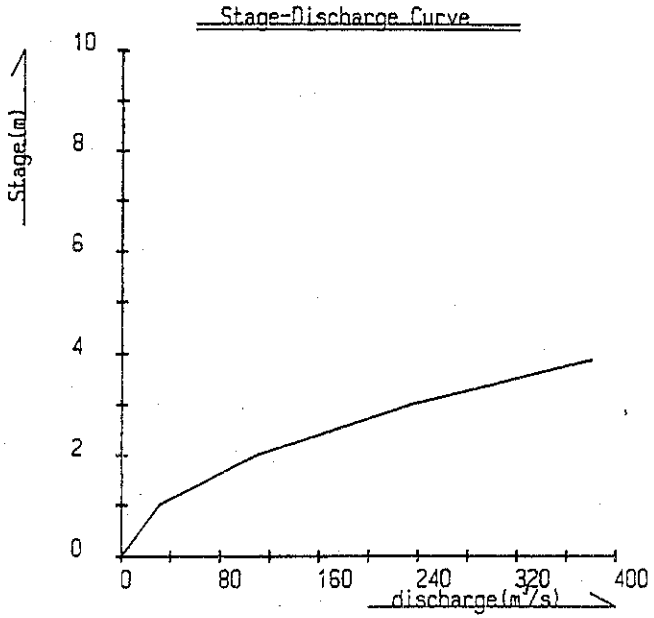




NO.	NO. 120 + 0
Hmin	14.562 (m)
Hmax	18.762 (m)
n	.035
I	1/ 794
A	179.3963 (m²)
P	71.0517 (m)
R	2.5249 (m)
V	1.8801 (m/s)
Q	337.2829 (m³/s)

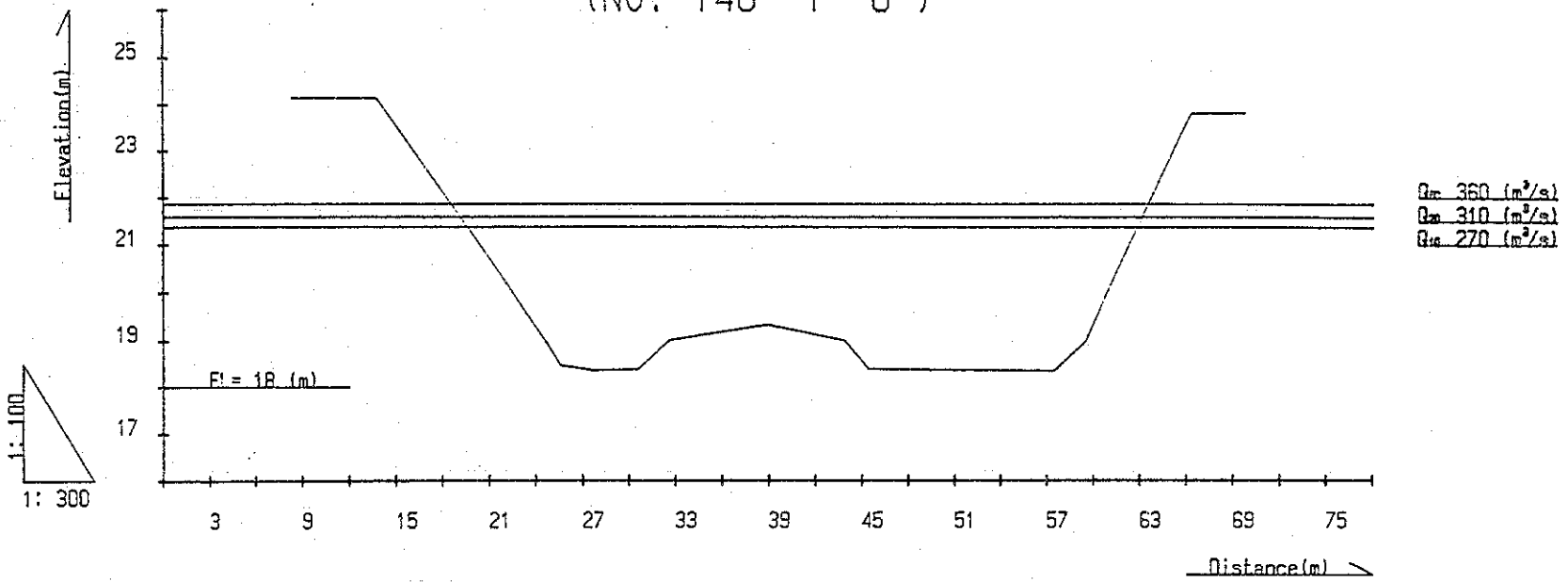
Yangiae-Chong
(NO. 130 + 0)

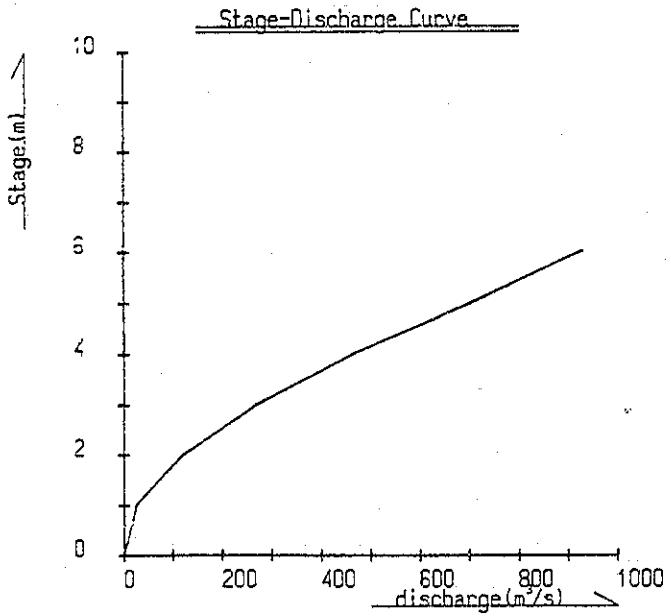




NO.	NO. 130 + 0
Hmin	16.531 (m)
Hmax	20.431 (m)
n	.035
I	1/ 442
A	137.4153 (m²)
P	47.5671 (m)
R	2.8889 (m)
V	2.7566 (m/s)
Q	378.799 (m³/s)

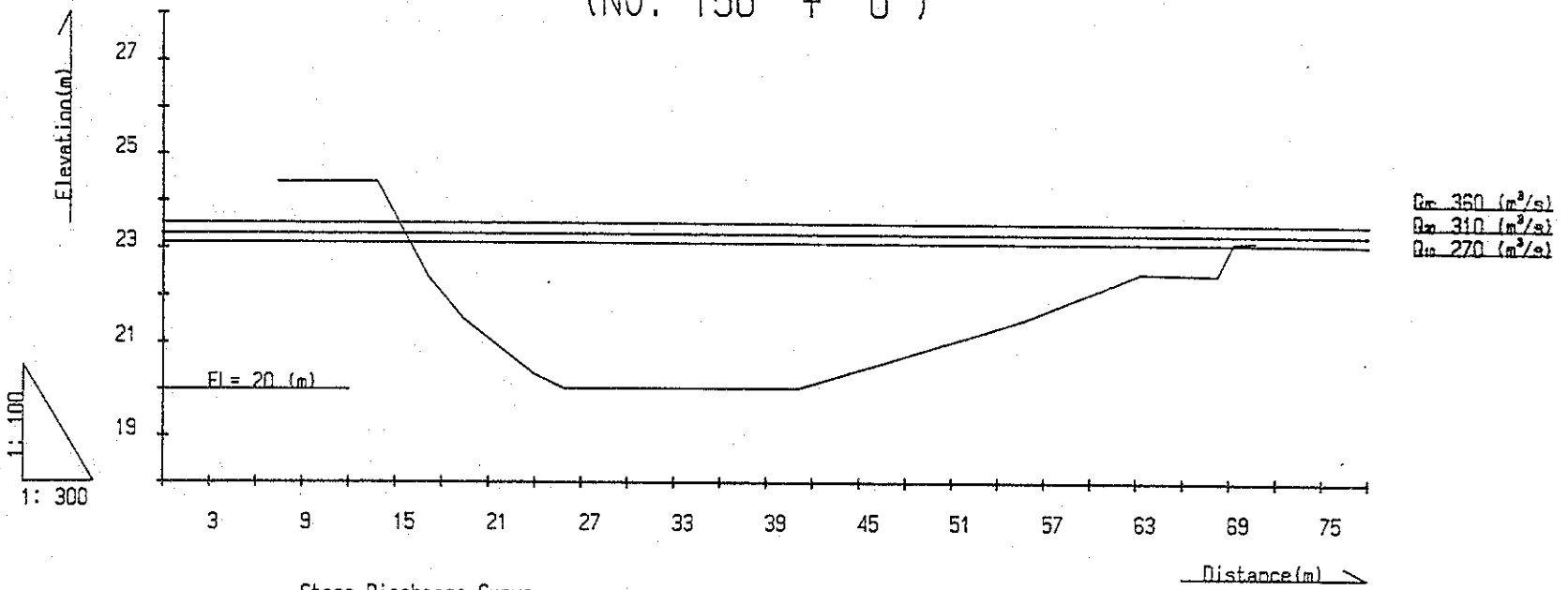
Yangiae-Chong
(NO. 140 + 0)

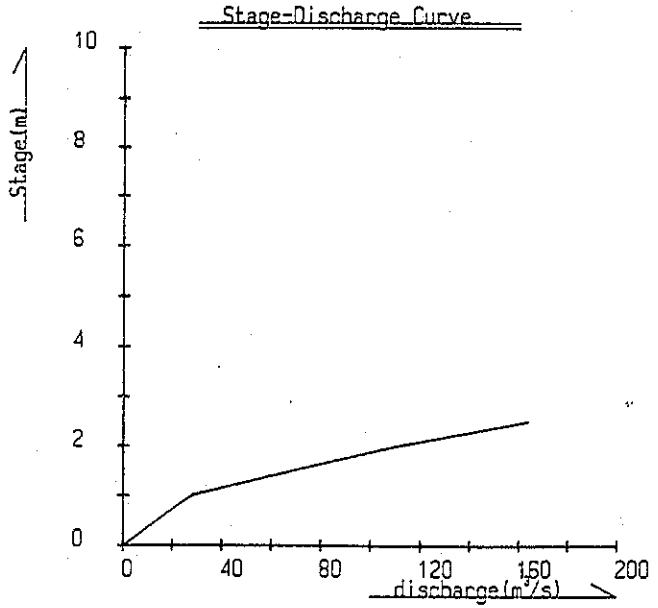




NO.	NO. 140 + 0
Hmin	18.349 (m)
Hmax	24.349 (m)
n	.035
I	1 / 359
A	250.0374 (m²)
P	64.631 (m)
R	3.8687 (m)
V	3.7162 (m/s)
Q	929.189 (m³/s)

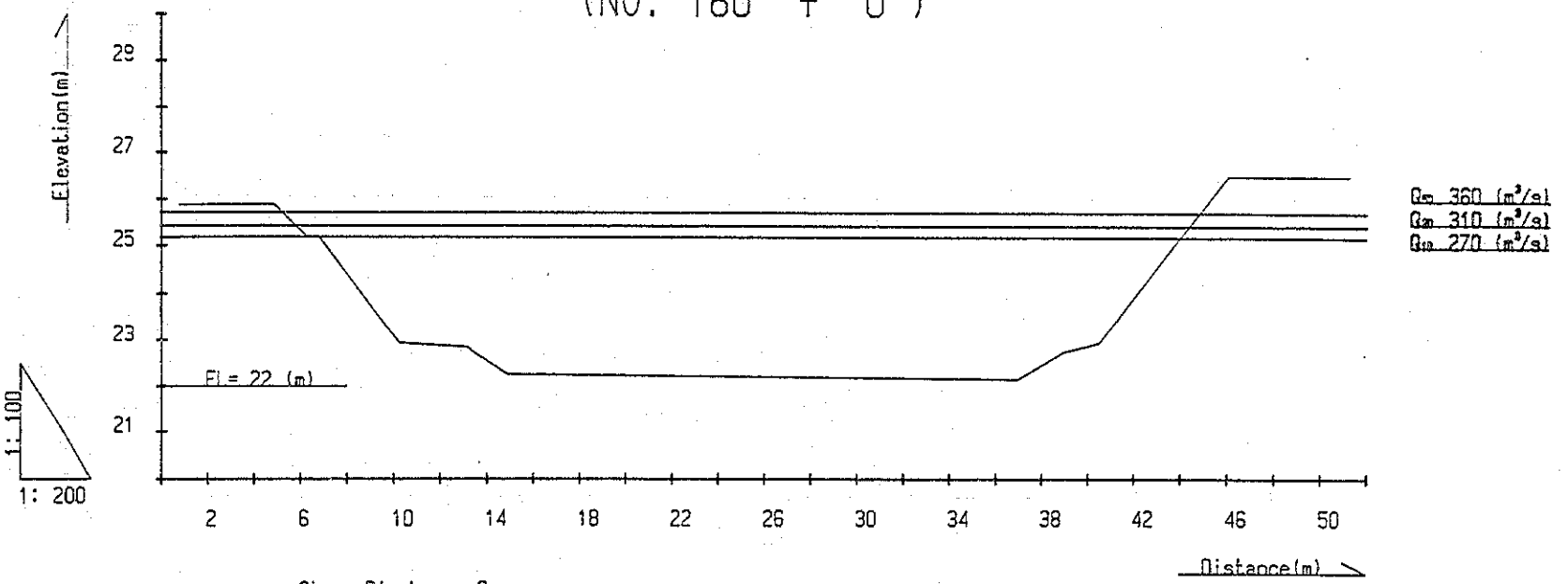
Yangiae-Chong
(NO. 150 + 0)

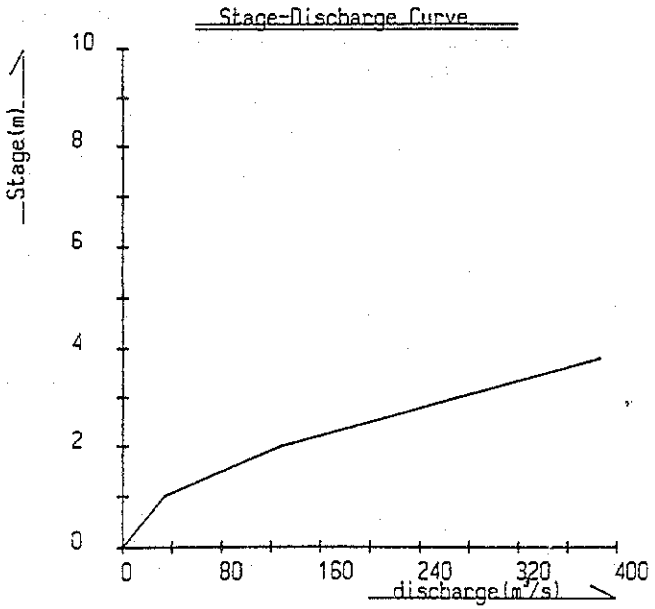




NO.	NO. 150 + 0
Hmin	20.029 (m)
Hmax	22.529 (m)
n	.035
I	1/ 359
A	80.7512 (m²)
P	51.9312 (m)
R	1.555 (m)
V	2.024 (m/s)
Q	163.4404 (m³/s)

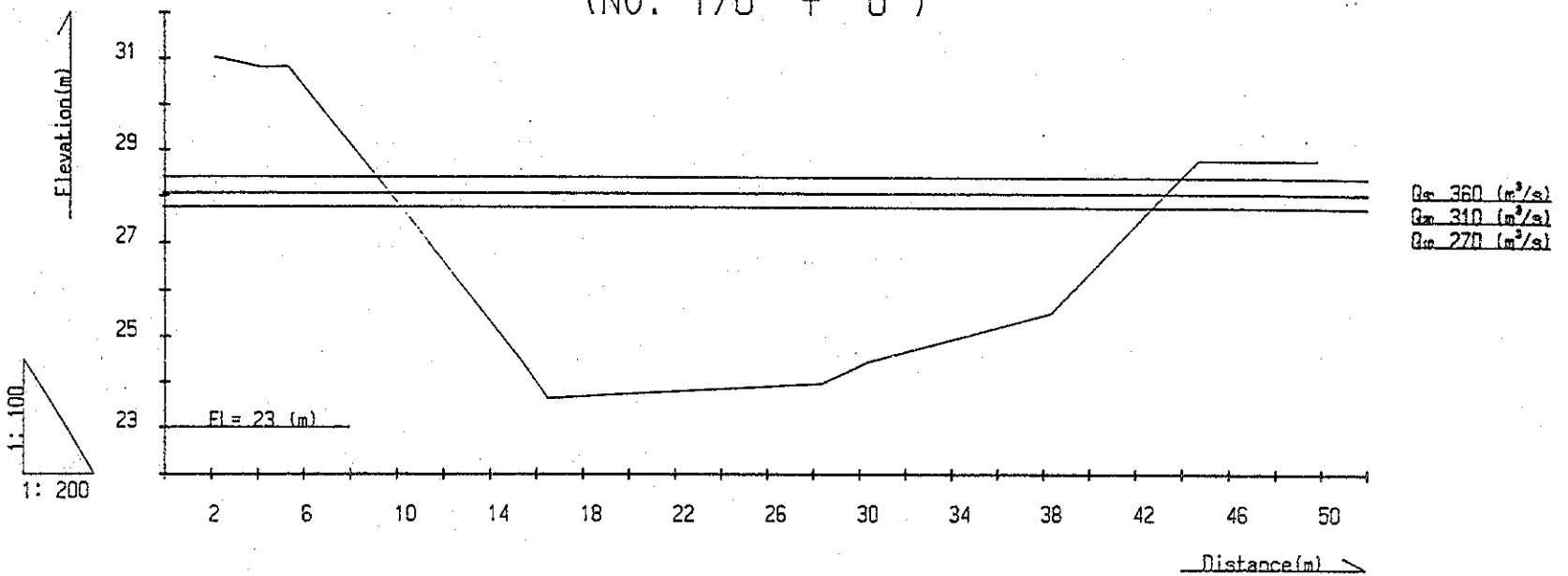
Yangiae-Chong
(NO. 160 + 0)

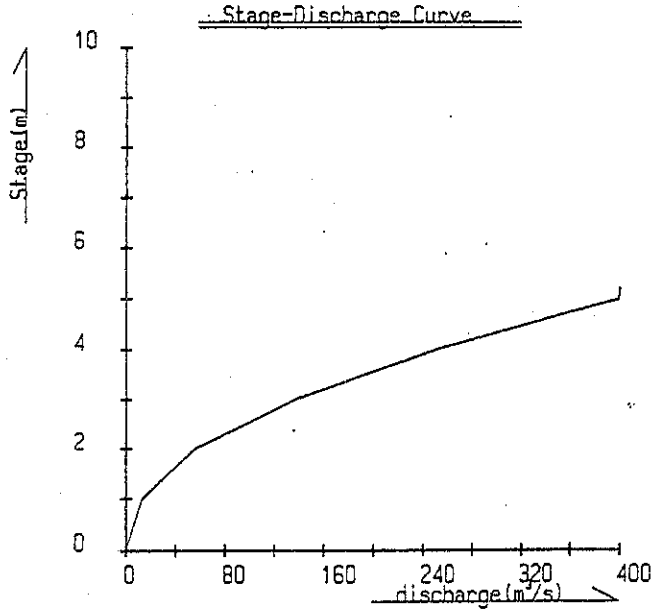




NO.	NO. 160 + 0
Hmin	22.173 (m)
Hmax	25.973 (m)
n	.035
I	1/ 315
A	124.2924 (m²)
P	46.3678 (m)
R	2.6806 (m)
V	3.1065 (m/s)
Q	386.1144 (m³/s)

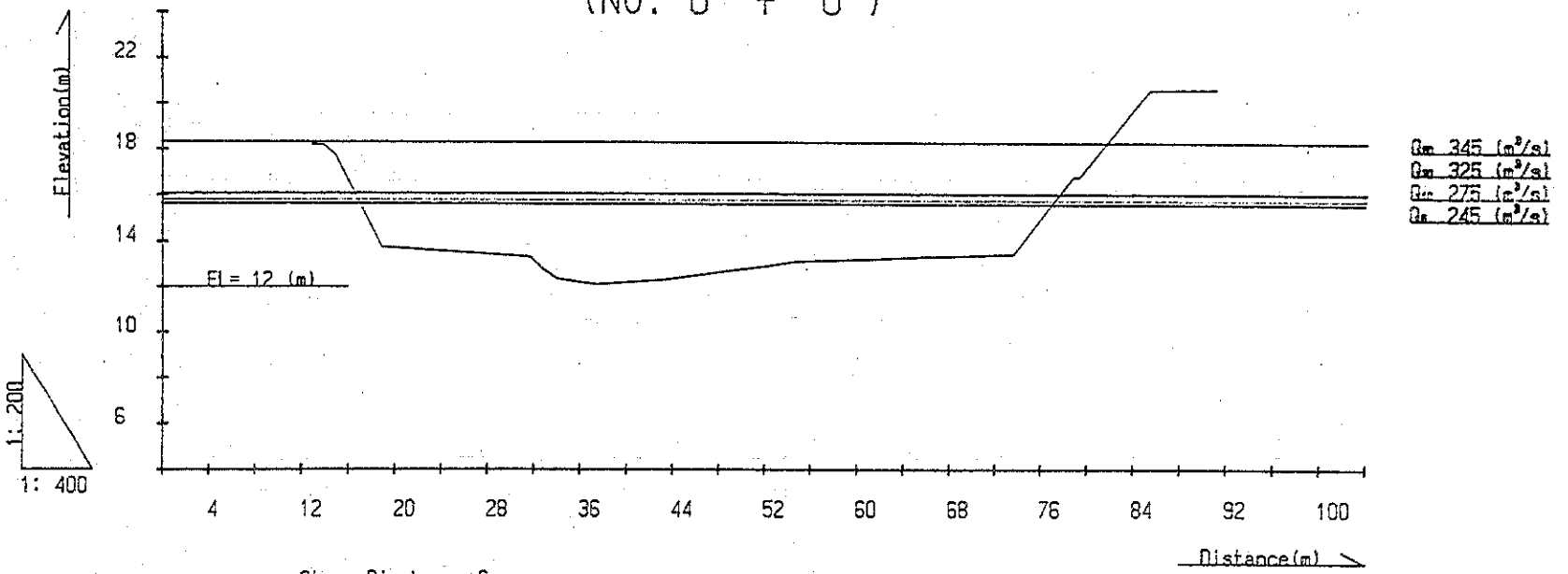
Yangiae-Chong
(NO. 170 + 0)

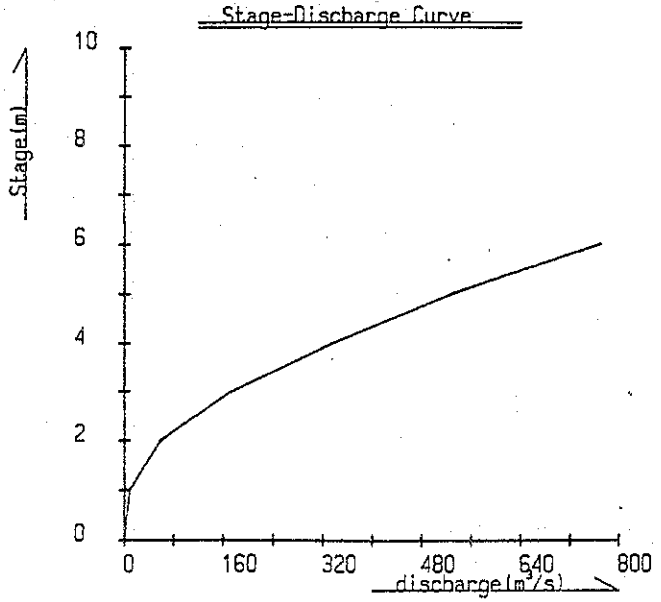




NO.	NO. 170 + 0
Hmin	23.64 (m)
Hmax	28.84 (m)
n	.035
I	1/ 379
A	131.0424 (m²)
P	43.7687 (m)
R	2.994 (m)
V	3.0487 (m/s)
Q	399.509 (m³/s)

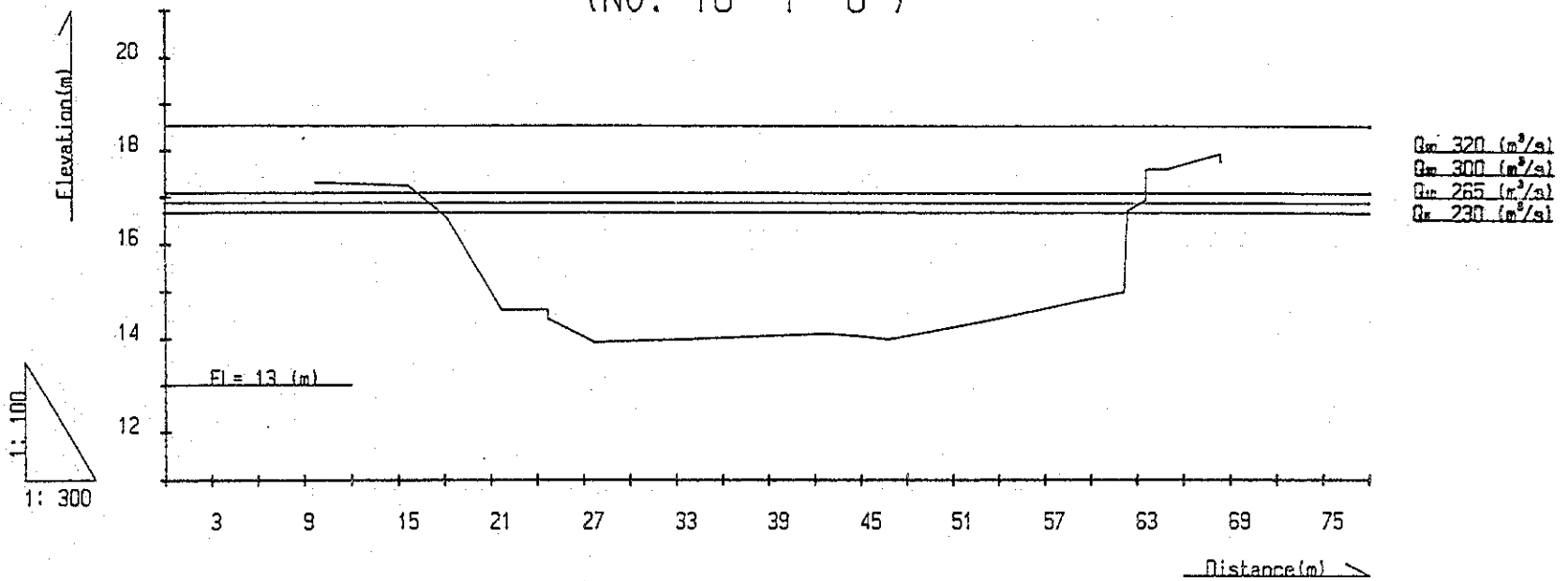
Ui-Chong
(NO. 0 + 0)

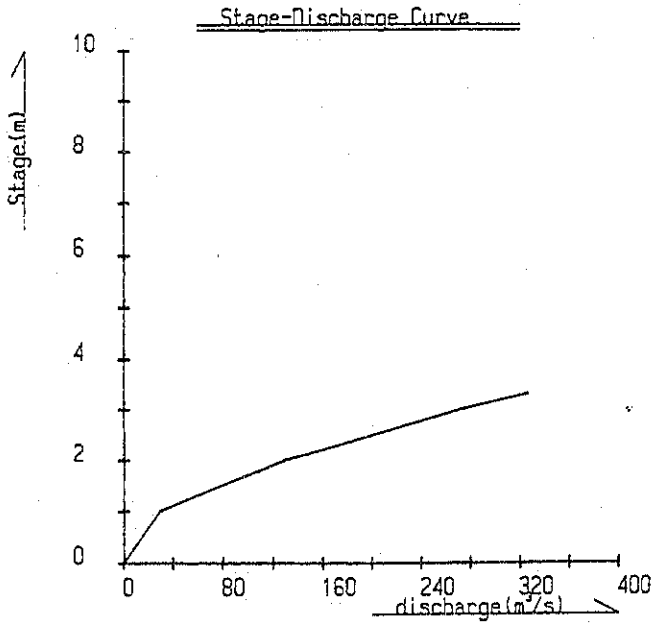




NO.	NO. 0 + 0
Hmin	12.12 (m)
Hmax	18.12 (m)
n	.03
I	1/ 1217
A	303.9195 (m²)
P	70.6086 (m)
R	4.3043 (m)
V	2.5283 (m/s)
Q	768.3997 (m³/s)

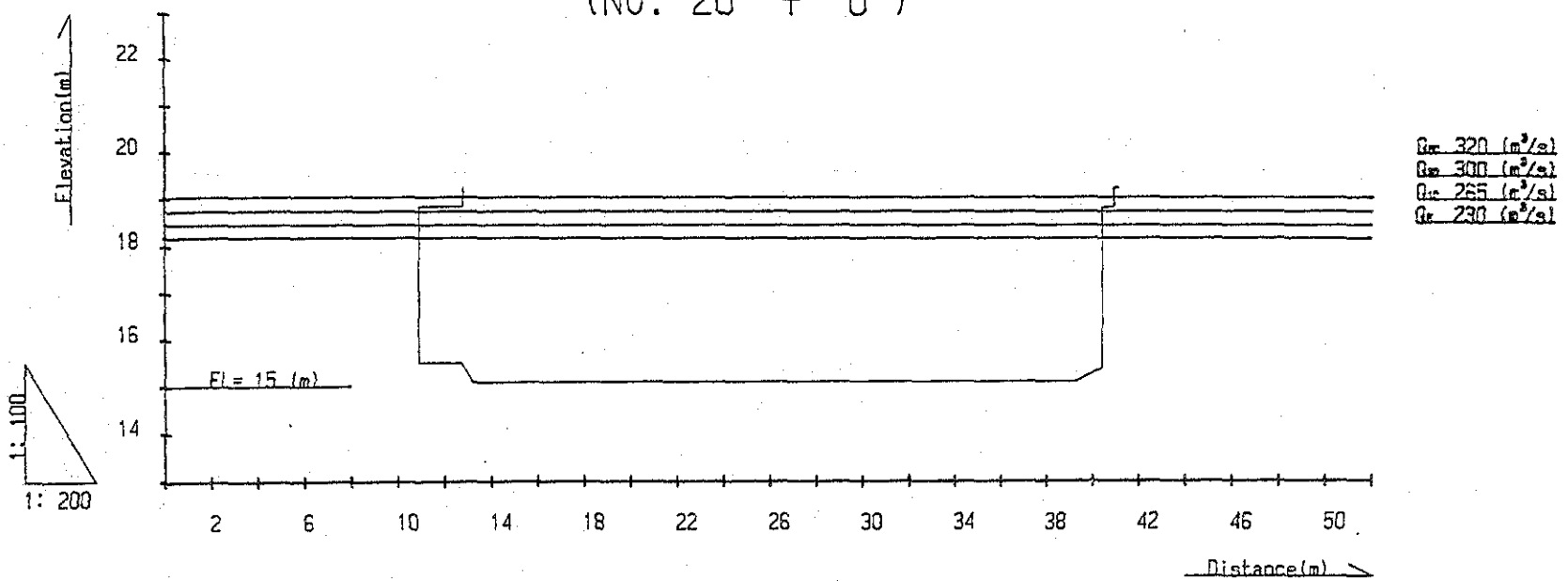
Ui-Chong
(NO. 10 + 0)



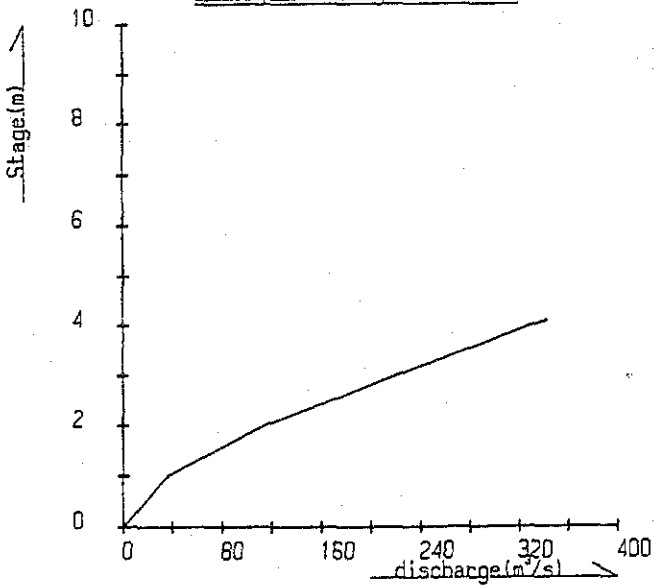


NO.	NO. 10 + 0
Hmin	13.927 (m)
Hmax	17.227 (m)
n	.03
I	1/ 586
A	127.7007 (m²)
P	50.5138 (m)
R	2.528 (m)
V	2.5553 (m/s)
Q	326.3137 (m³/s)

Ui-Chong
(NO. 20 + 0)

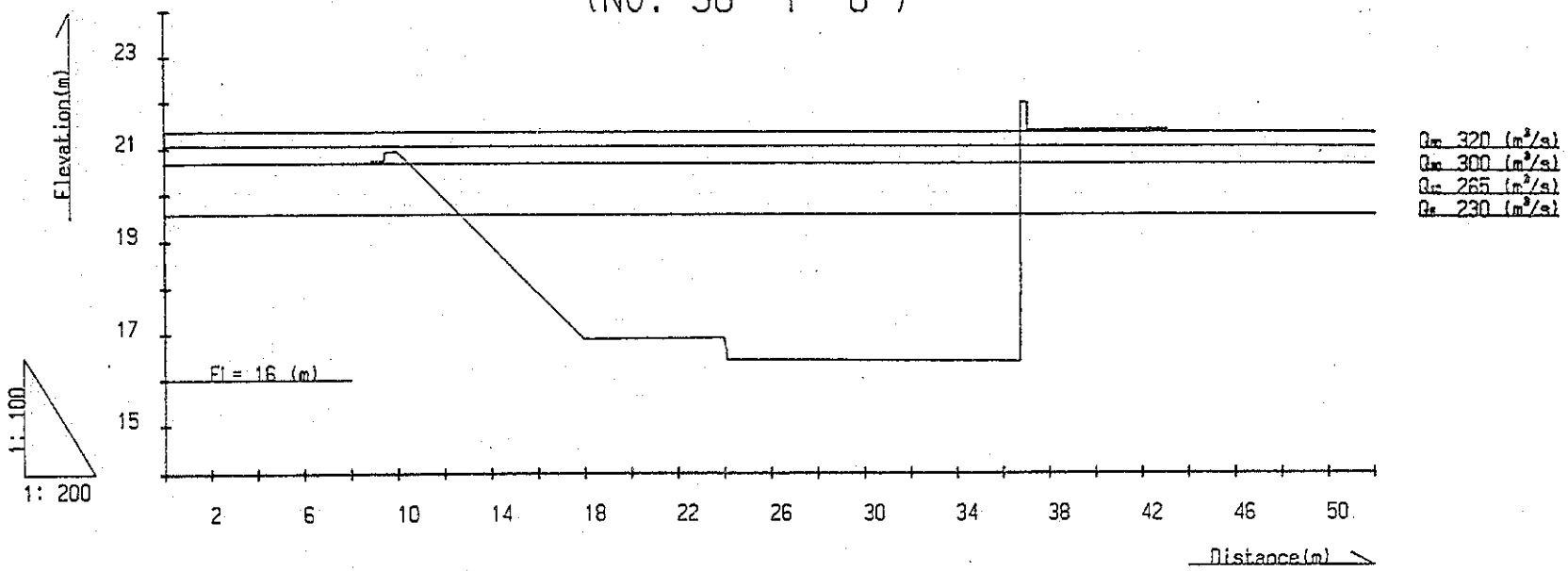


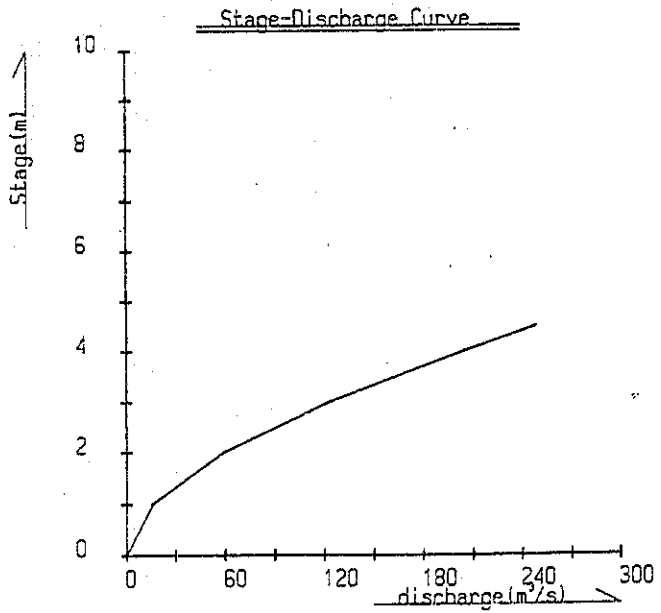
Stage-Discharge Curve



NO.	NO. 20 + 0
Hmin	15.09 (m)
Hmax	19.19 (m)
n	.03
I	1/ 586
A	118.9858 (m²)
P	39.4633 (m)
R	3.0151 (m)
V	2.8739 (m/s)
Q	341.9532 (m³/s)

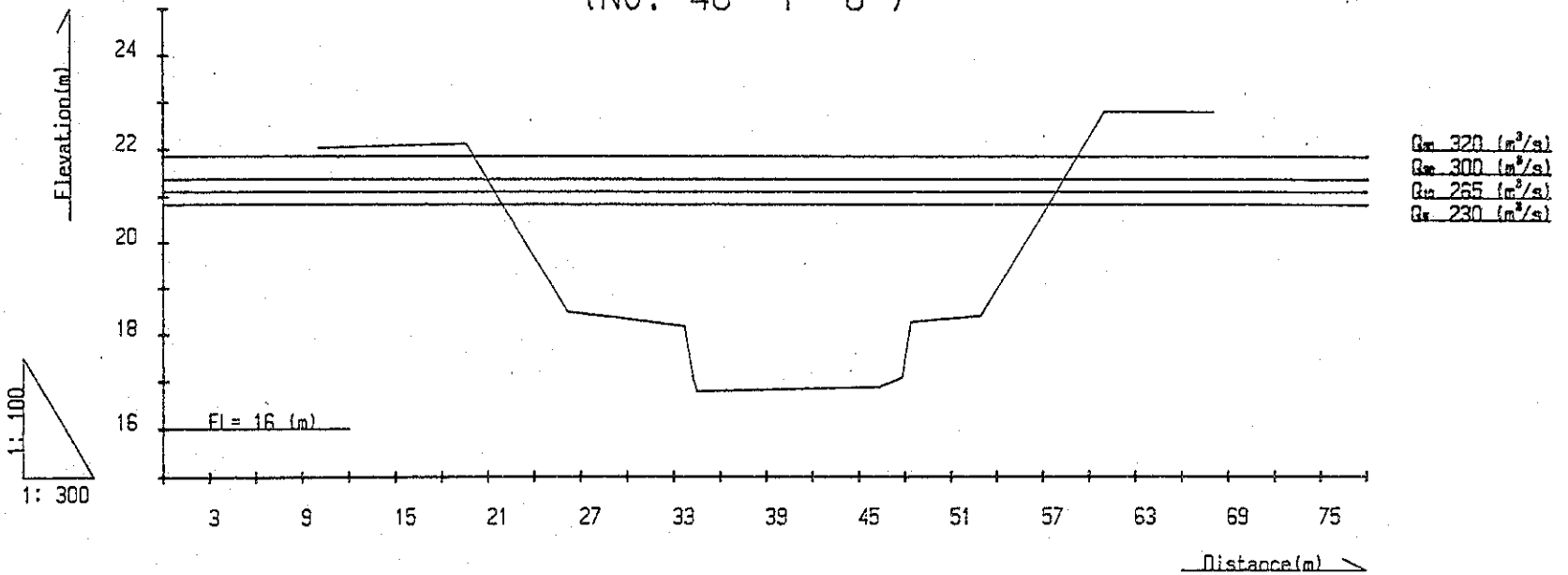
Ui-Chong
(NO. 30 + 0)

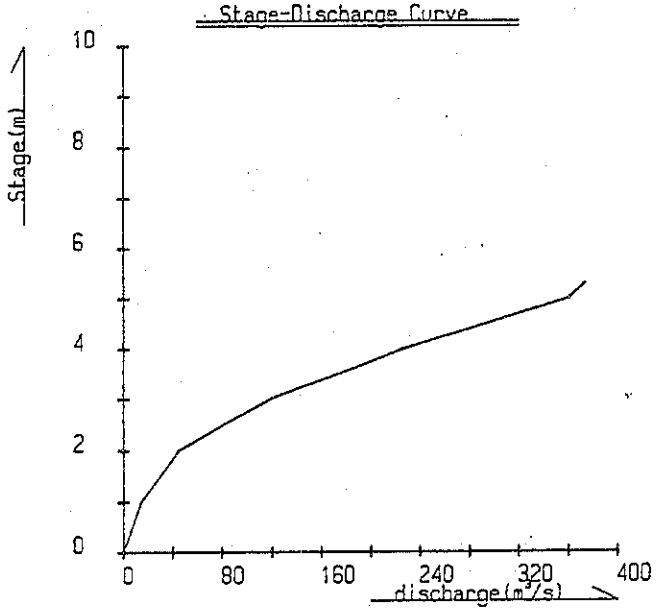




NO	NO. 30 + 0
Hmin	16.387 (m)
Hmax	20.887 (m)
n	.03
I	1/ 706
A	96.9422 (m²)
P	33.2591 (m)
R	2.9148 (m)
V	2.5599 (m/s)
Q	248.1623 (m³/s)

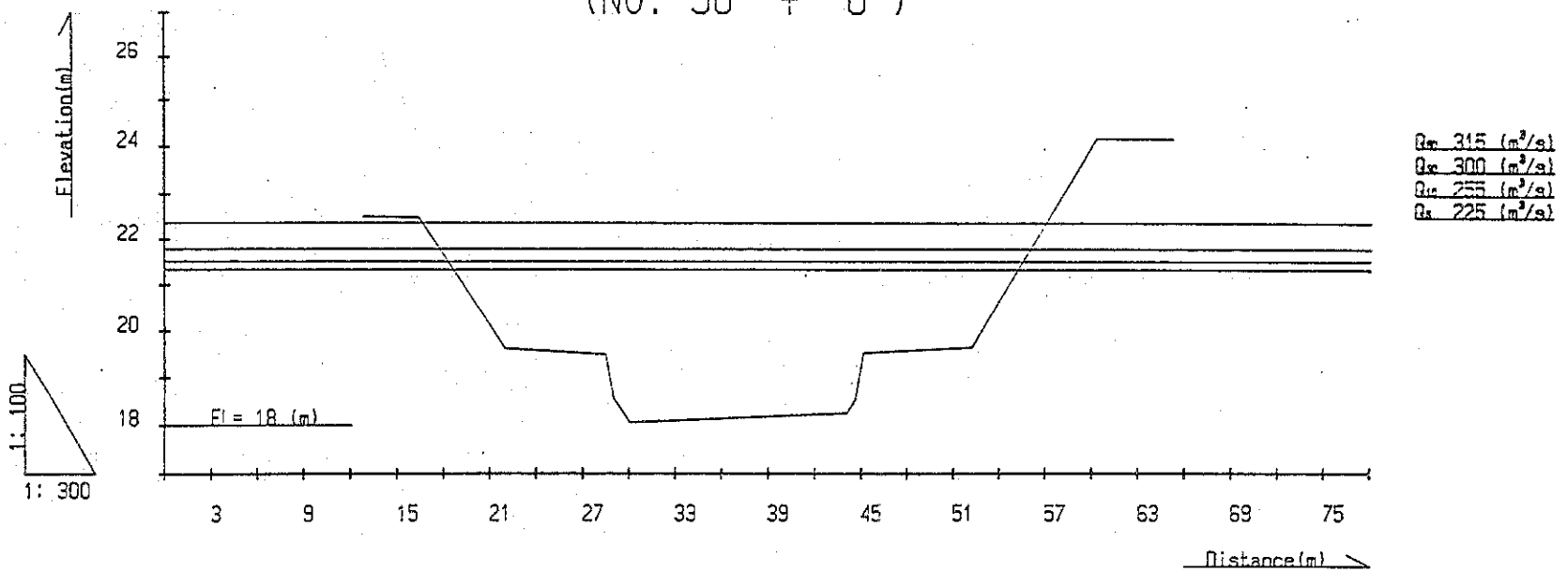
Ui-Chong
(NO. 40 + 0)

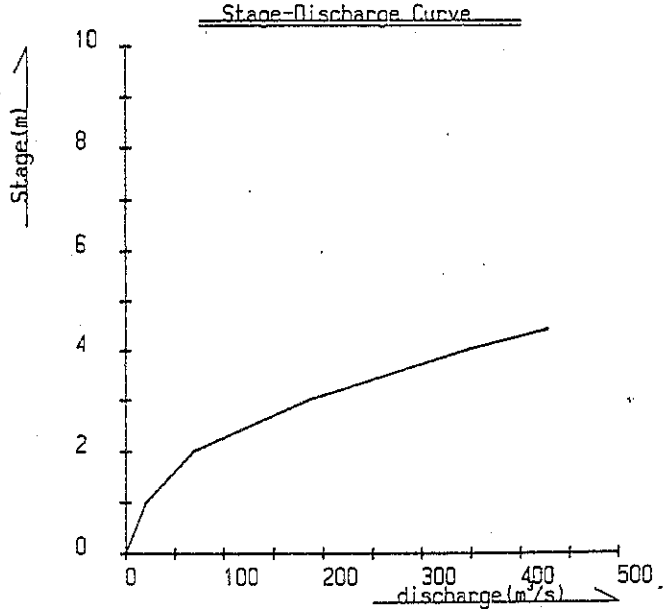




NO.	NO. 40 + 0
Hmin	16.79 (m)
Hmax	22.09 (m)
n	.03
I	1/ 706
A	145.4001 (m²)
P	49.6086 (m)
R	2.9309 (m)
V	2.5693 (m/s)
Q	373.5765 (m³/s)

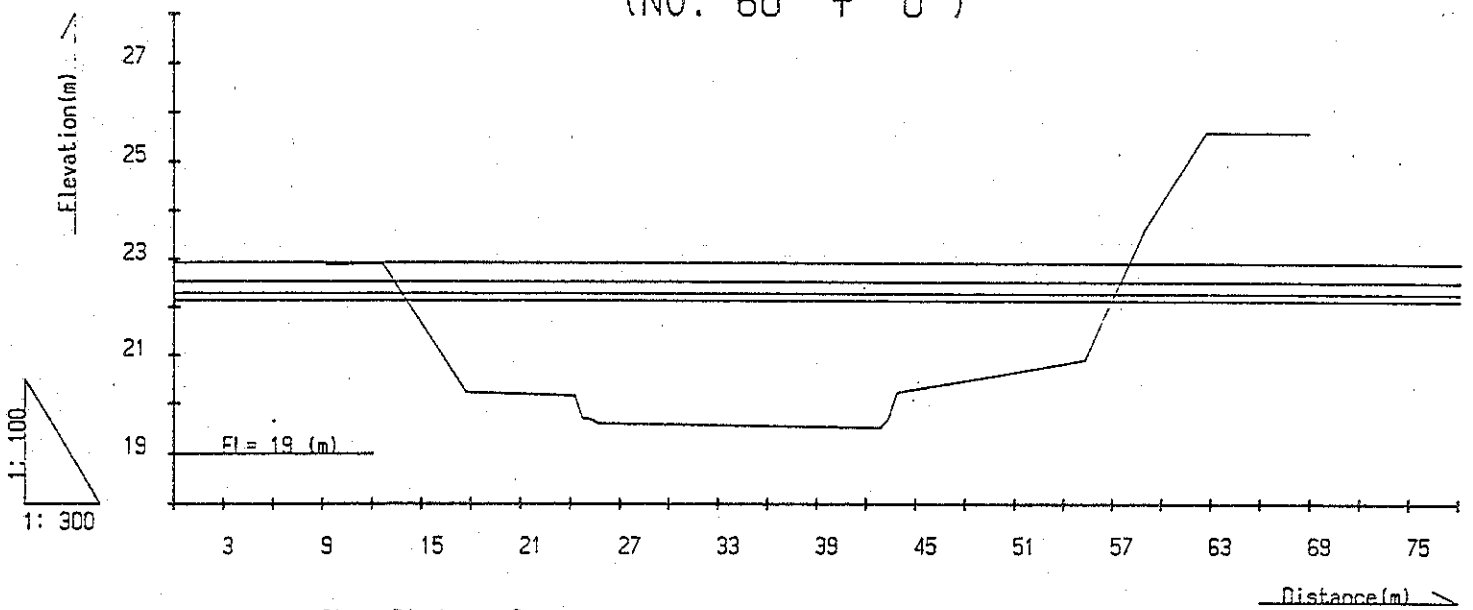
Ui-Chong
(NO. 50 + 0)

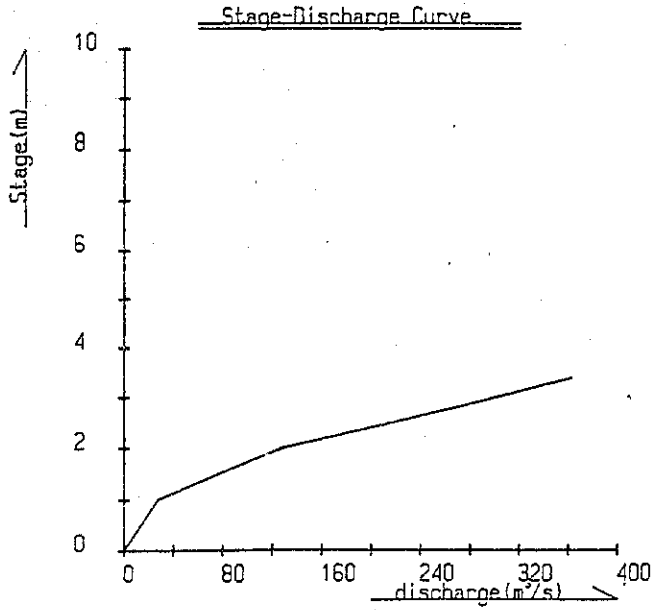




NO.	NO. 50 + 0
Hmin	18.057 (m)
Hmax	22.457 (m)
n	.03
I	1/ 378
A	123.9945 (m²)
P	43.4782 (m)
R	2.8519 (m)
V	3.4479 (m/s)
Q	427.5207 (m³/s)

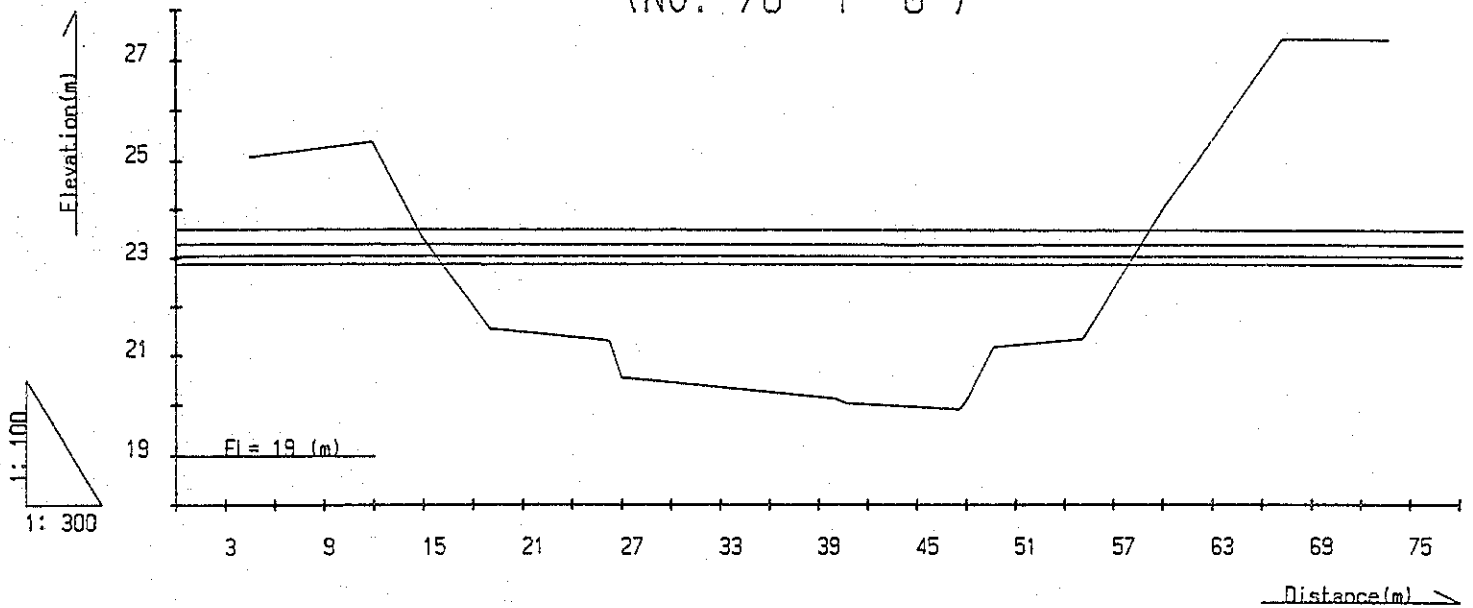
Ui-Chong
(NO. 60 + 0)

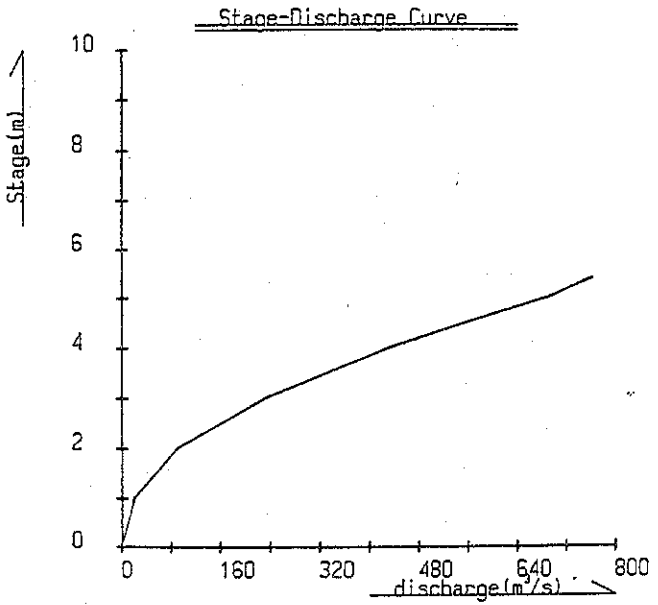




NO.	NO. 60 + 0
Hmin	19.515 (m)
Hmax	22.915 (m)
n	.03
I	1/ 378
A	119.2344 (m²)
P	50.5615 (m)
R	2.3582 (m)
V	3.0375 (m/s)
Q	362.1746 (m³/s)

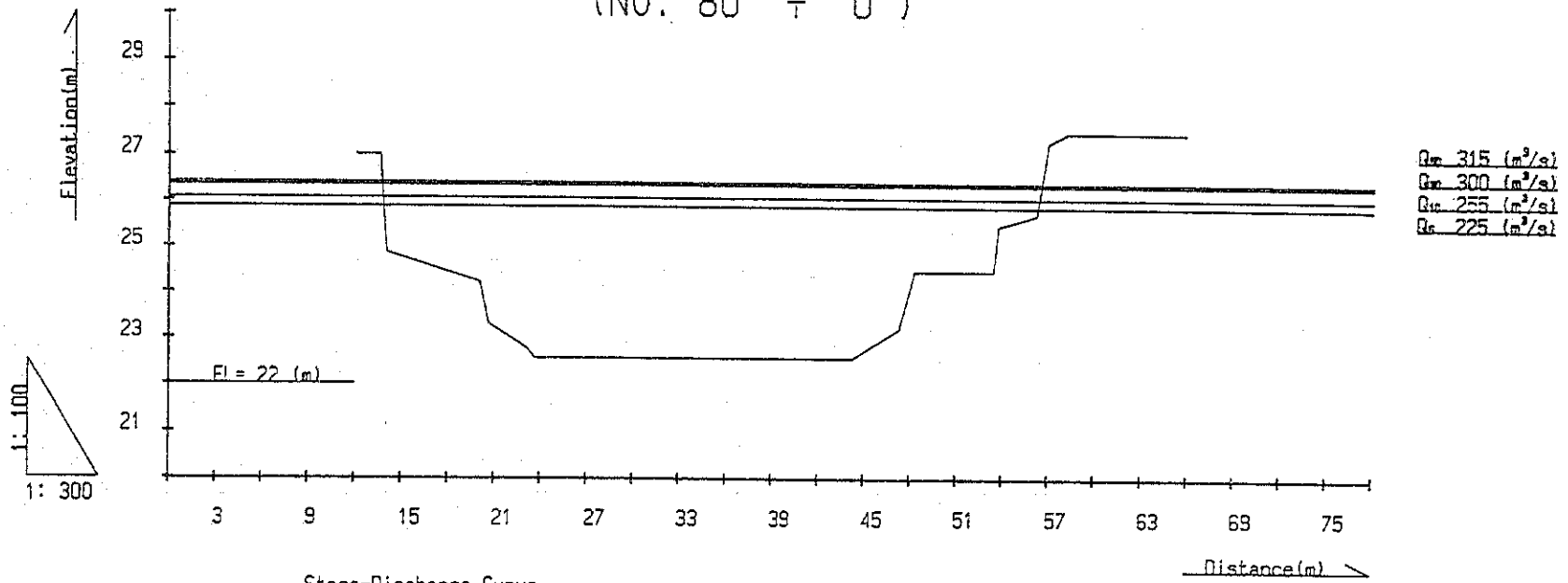
Ui-Chong
(NO. 70 + 0)

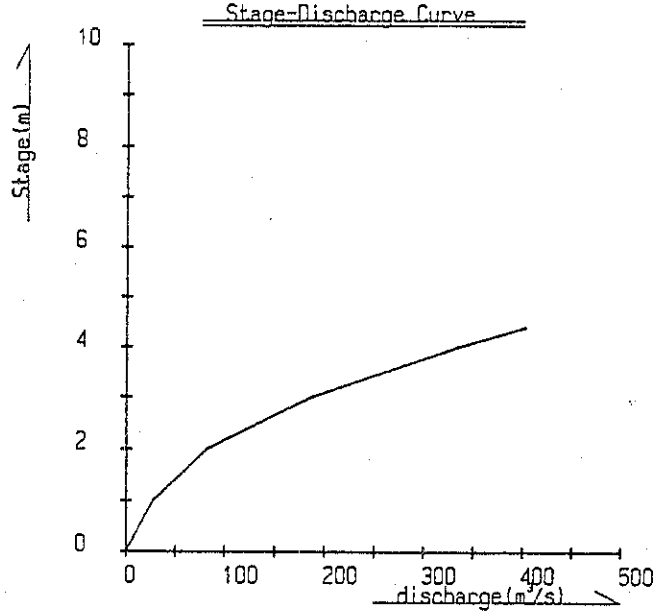




NO.	NO. 70 + 0
Hmin	19.927 (m)
Hmax	25.327 (m)
n	.03
I	1/ 378
A	198.0383 (m²)
P	59.0271 (m)
R	3.355 (m)
V	3.8423 (m/s)
Q	760.9226 (m³/s)

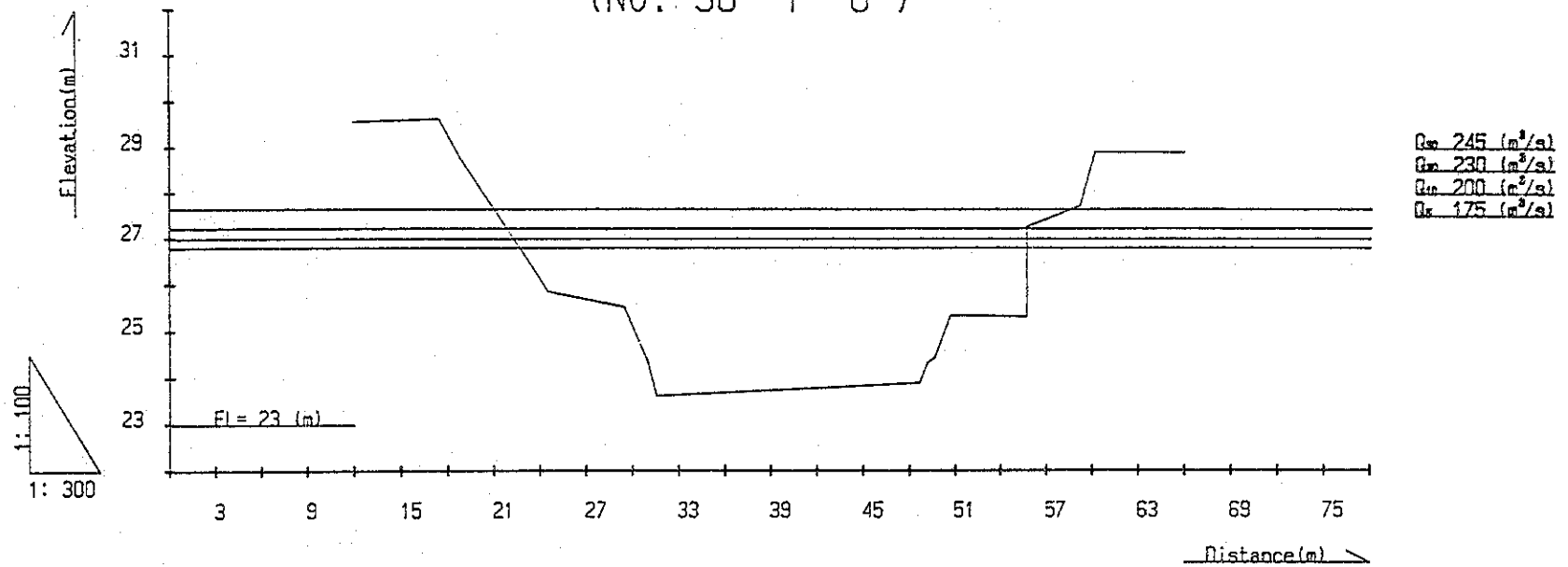
Ui-Chong
(NO. 80 + 0)

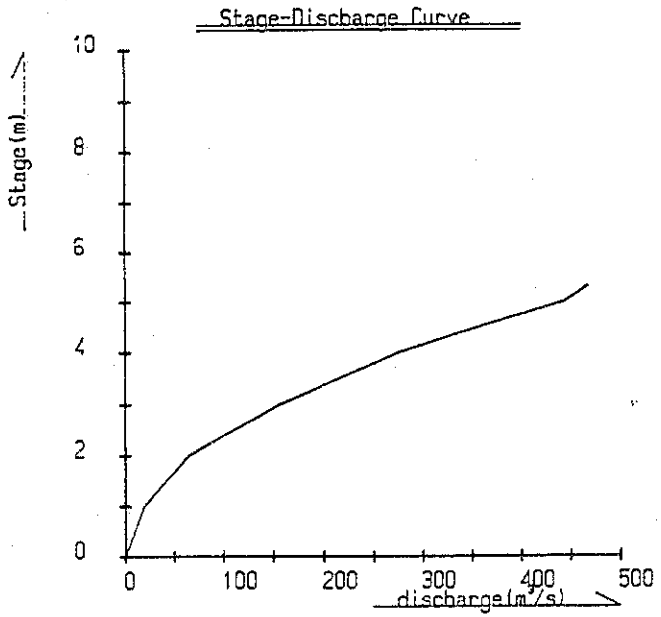




NO.	NO. 80 + 0
Hmin	22.571 (m)
Hmax	26.971 (m)
n	.03
I	1/ 744
A	152.0488 (m²)
P	47.7642 (m)
R	3.1833 (m)
V	2.6445 (m/s)
Q	402.093 (m³/s)

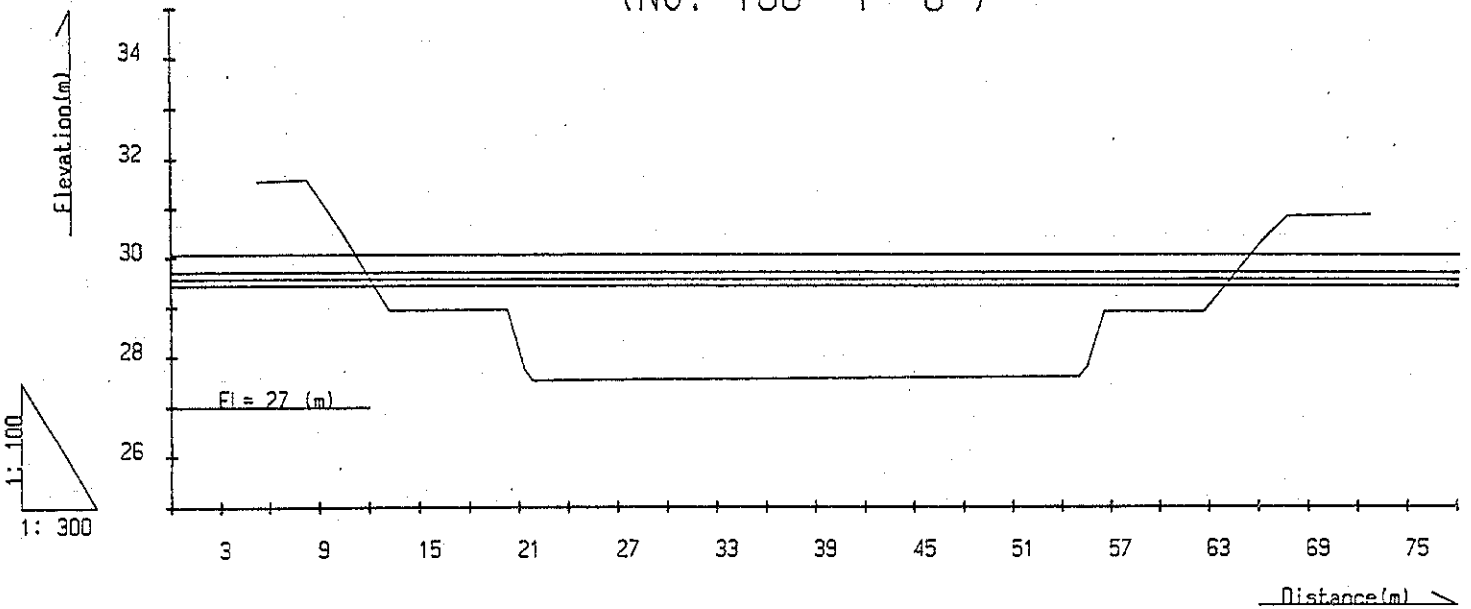
Ui-Chong
(NO. 90 + 0)

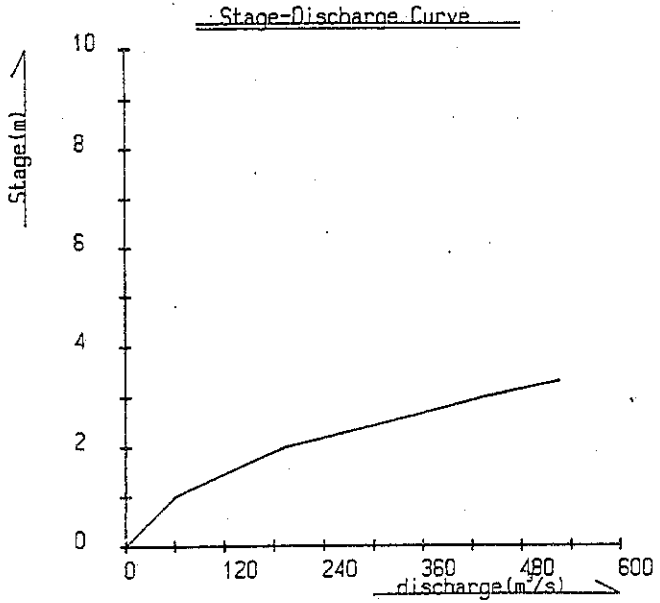




NO	NO. 90 + 0
Hmin	23.633 (m)
Hmax	28.933 (m)
n	.03
I	1/ 525
A	154.8217 (m²)
P	51.9644 (m)
R	2.9794 (m)
V	3.0122 (m/s)
Q	466.3538 (m³/s)

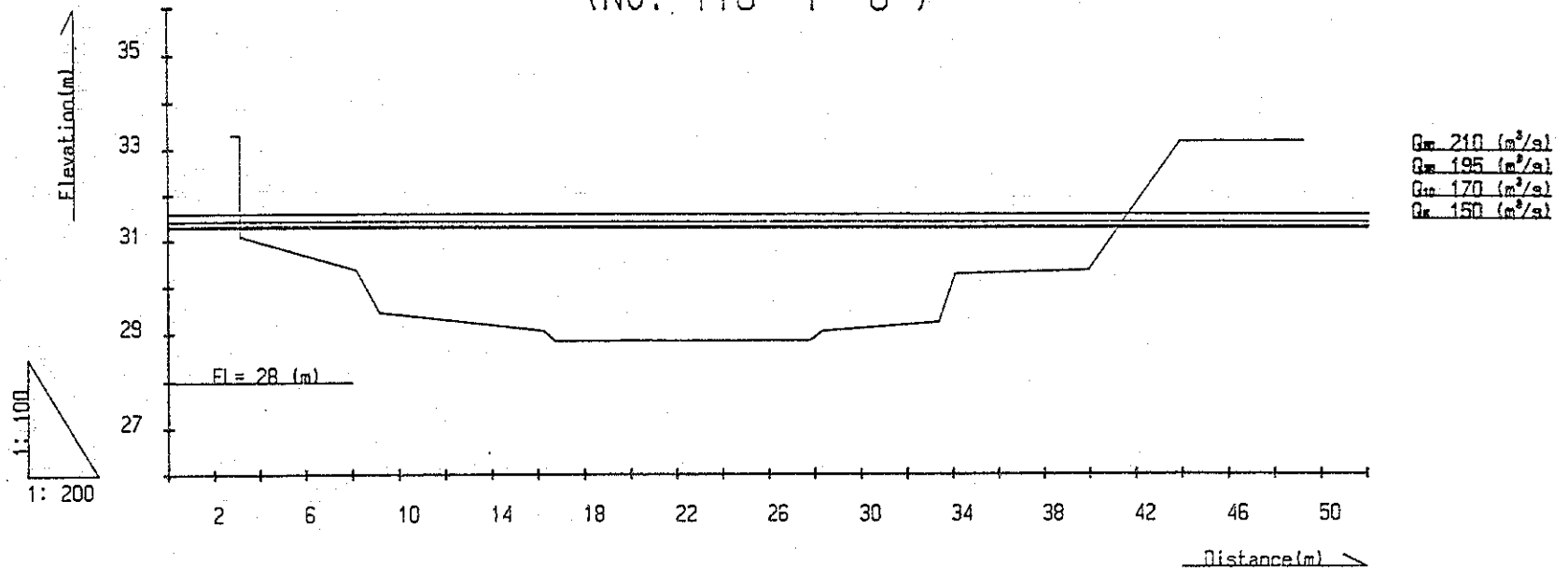
Ui-Chong
(NO. 100 + 0)

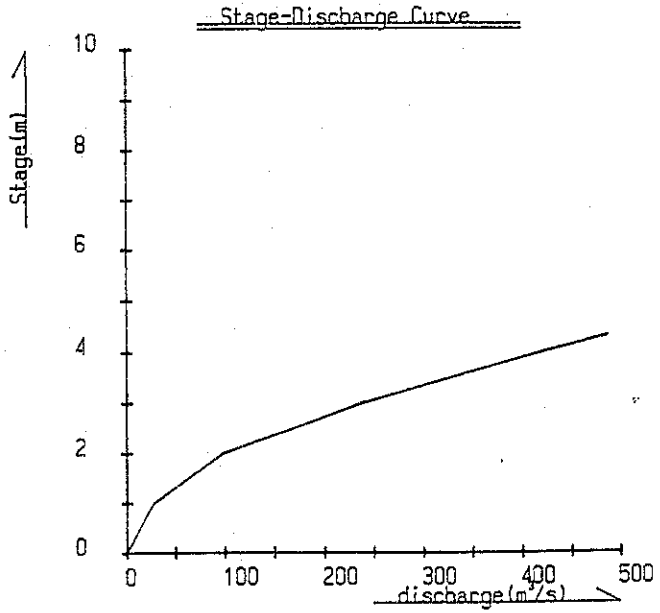




NO.	NO. 100 + 0
Hmin	27.543 (m)
Hmax	30.843 (m)
n	.03
I	1/ 306
A	149.6785 (m²)
P	59.8691 (m)
R	2.5001 (m)
V	3.5101 (m/s)
Q	525.3867 (m³/s)

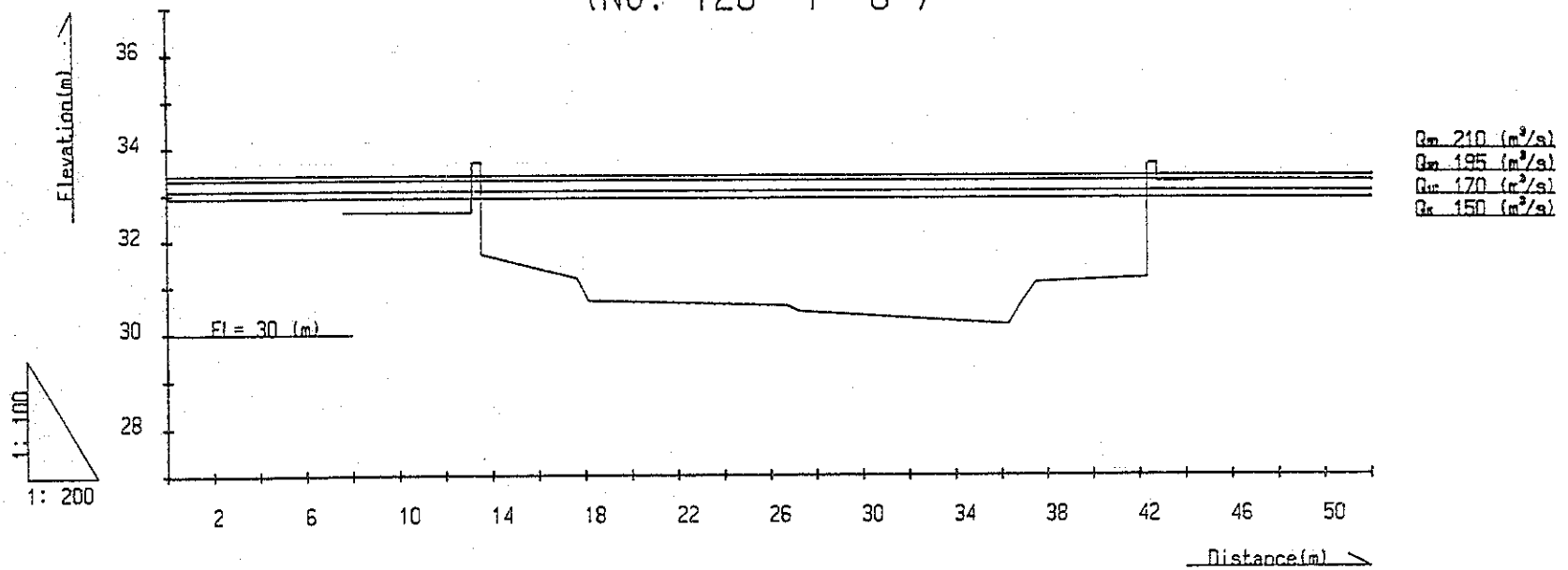
Ui-Chong
(NO. 110 + 0)

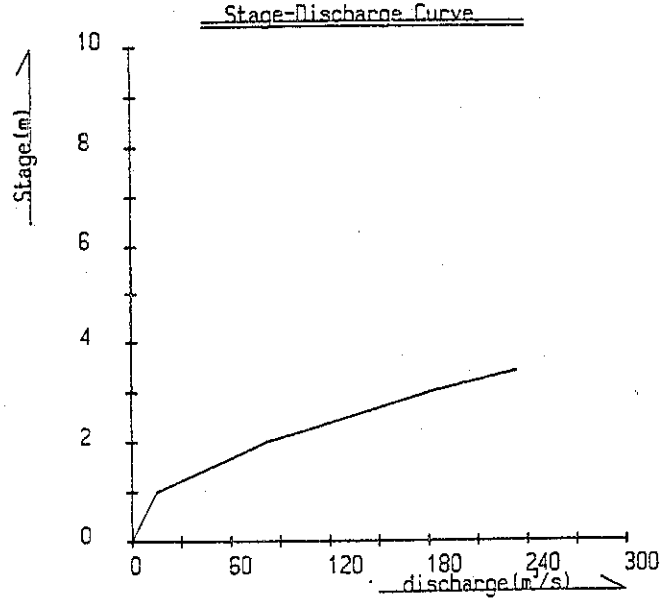




NO.	NO. 110 + 0
Hmin	28.867 (m)
Hmax	33.167 (m)
n	.035
I	1/ 306
A	139.3574 (m²)
P	44.6875 (m)
R	3.1185 (m)
V	3.4863 (m/s)
Q	485.8416 (m³/s)

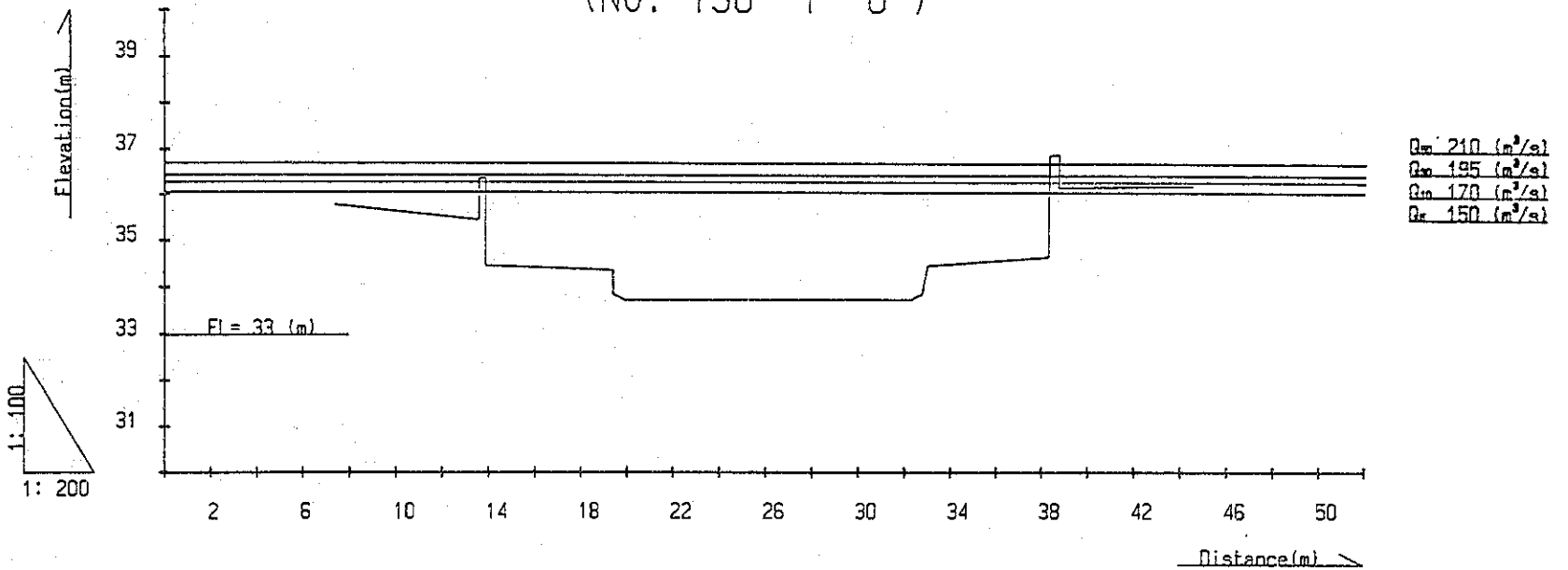
Ui-Chong
(NO. 120 + 0)

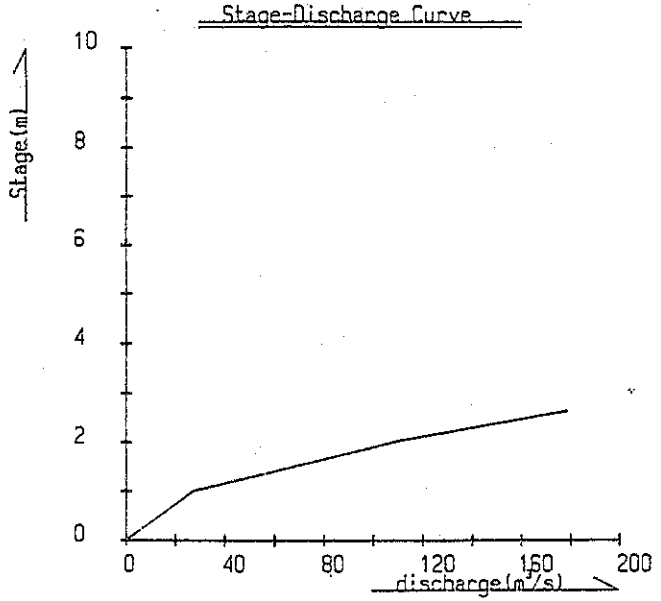




NO.	NO. 120 + 0
Hmin	30.196 (m)
Hmax	33.596 (m)
n	.035
I	1/ 306
A	87.4265 (m²)
P	41.9448 (m)
R	2.0843 (m)
V	2.6651 (m/s)
Q	233.0005 (m³/s)

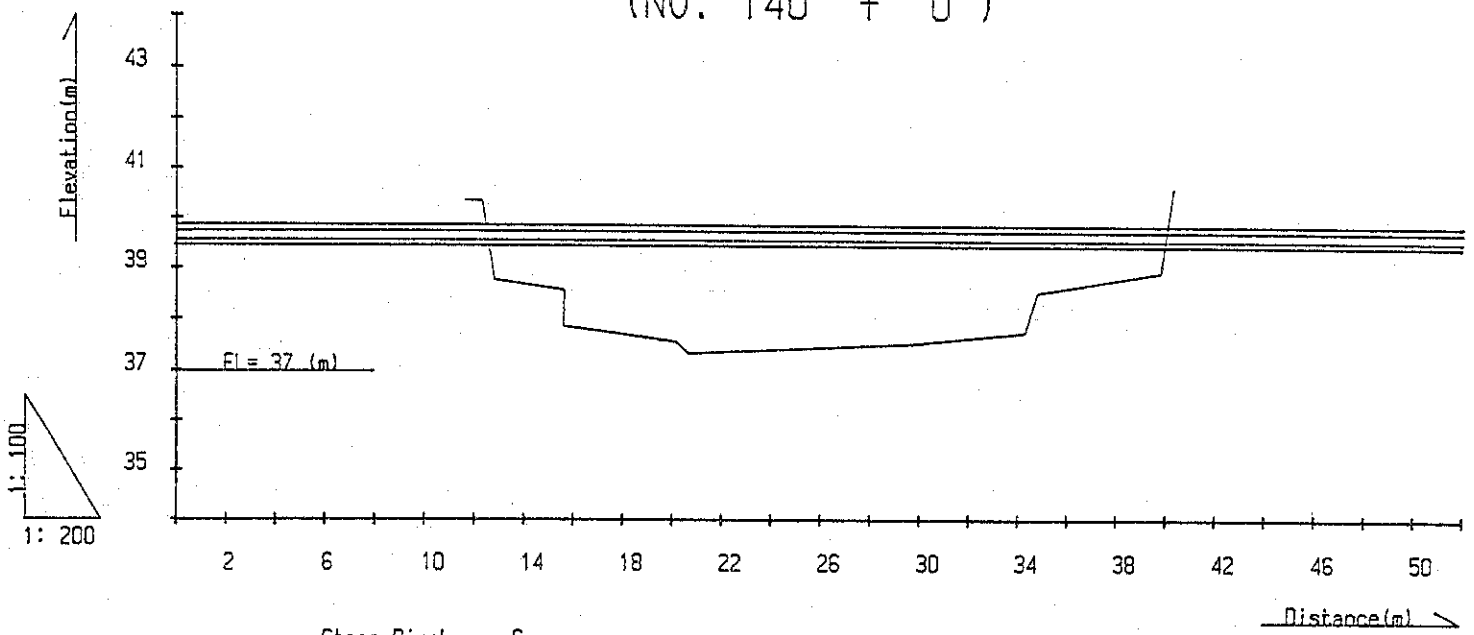
Ui-Chong
(NO. 130 + 0)

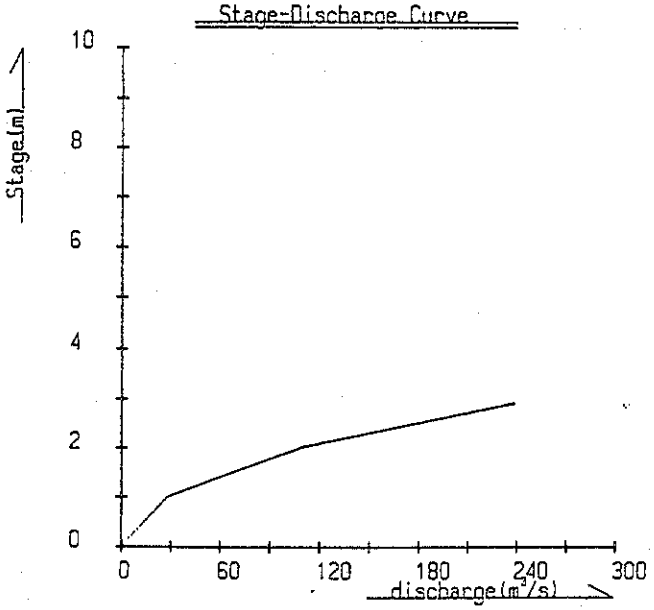




NO.	NO. 130 + 0
Hmin	33.749 (m)
Hmax	36.349 (m)
n	.035
I	1/ 153
A	60.5506 (m²)
P	42.0279 (m)
R	1.4407 (m)
V	2.9465 (m/s)
Q	178.4123 (m³/s)

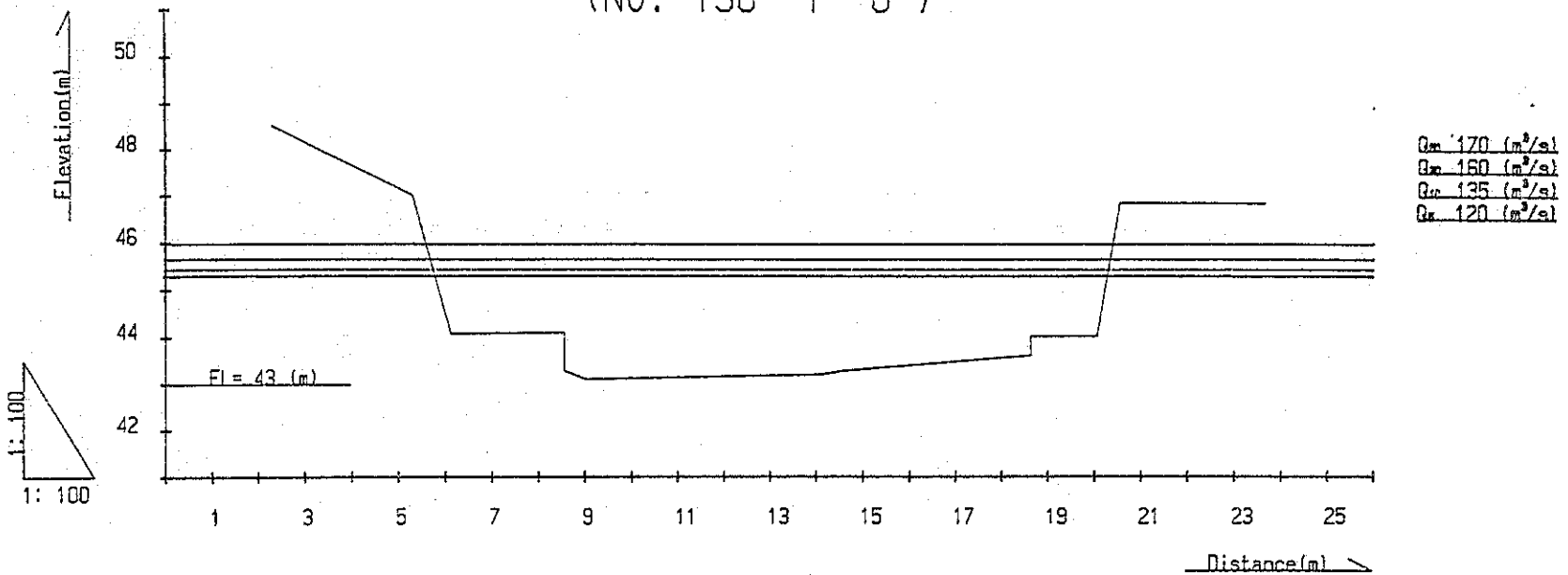
Ui-Chong
(NO. 140 + 0)

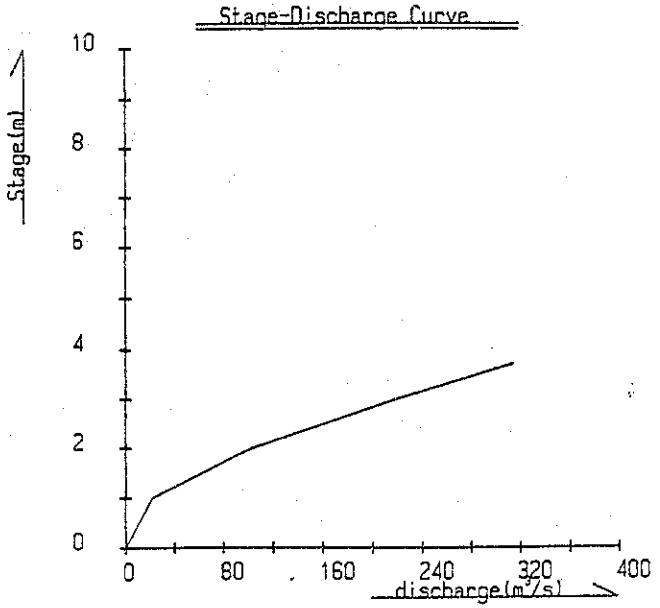




NO	NO. 140 + 0
Hmin	37.368 (m)
Hmax	40.268 (m)
n	.035
I	1/ 153
A	63.8113 (m²)
P	31.134 (m)
R	2.0496 (m)
V	3.7271 (m/s)
Q	237.8313 (m³/s)

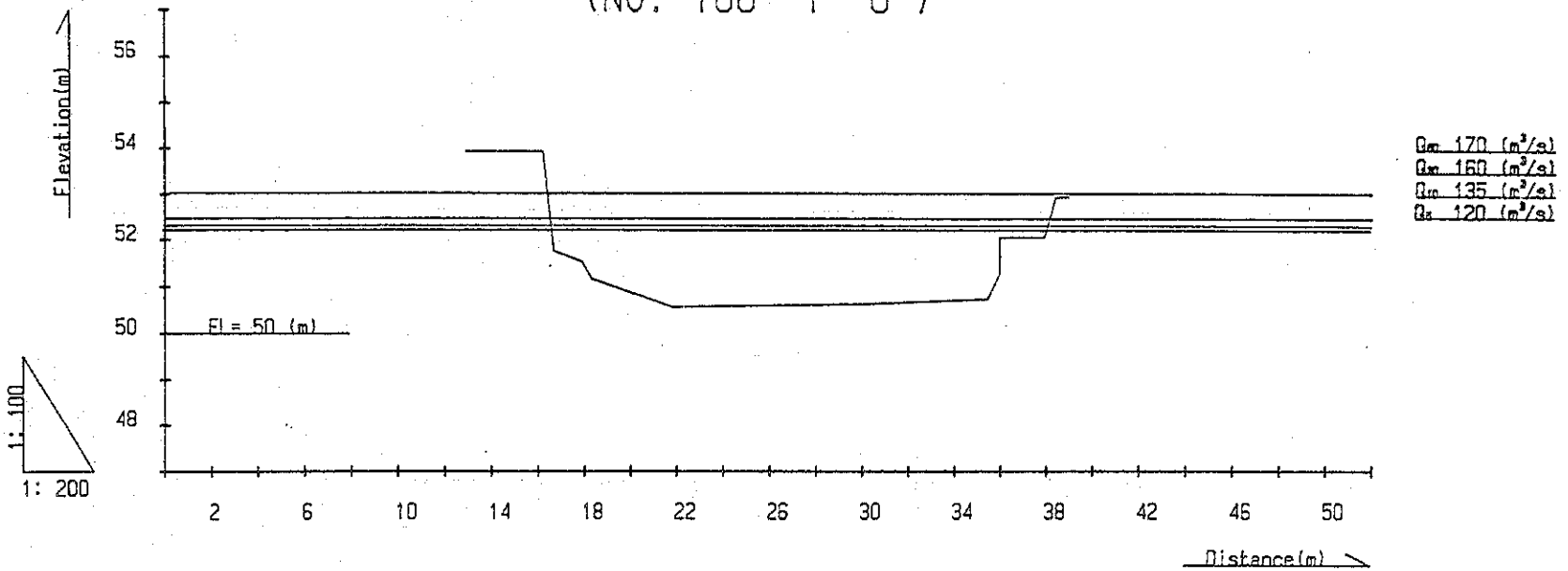
Ui-Chong
(NO. 150 + 0)

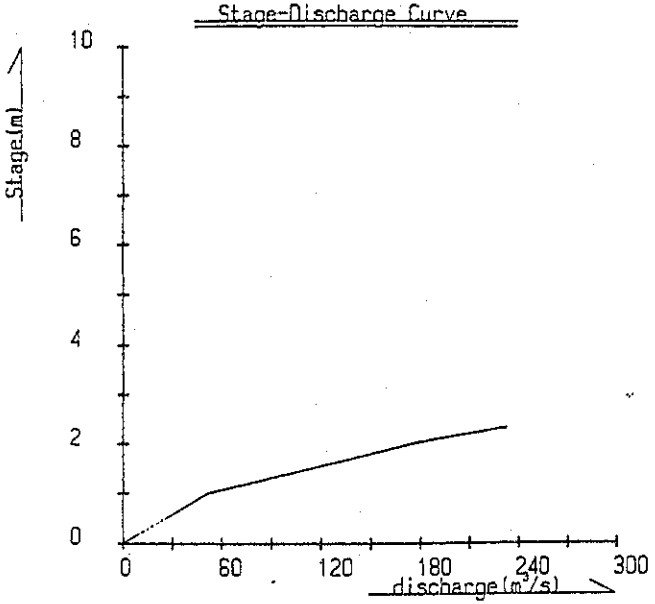




NO.	NO. 150 + 0
Hmin	43.117 (m)
Hmax	46.817 (m)
n	.035
I	1/ 57
A	47.7024 (m²)
P	20.8457 (m)
R	2.2884 (m)
V	6.5718 (m/s)
Q	313.4907 (m³/s)

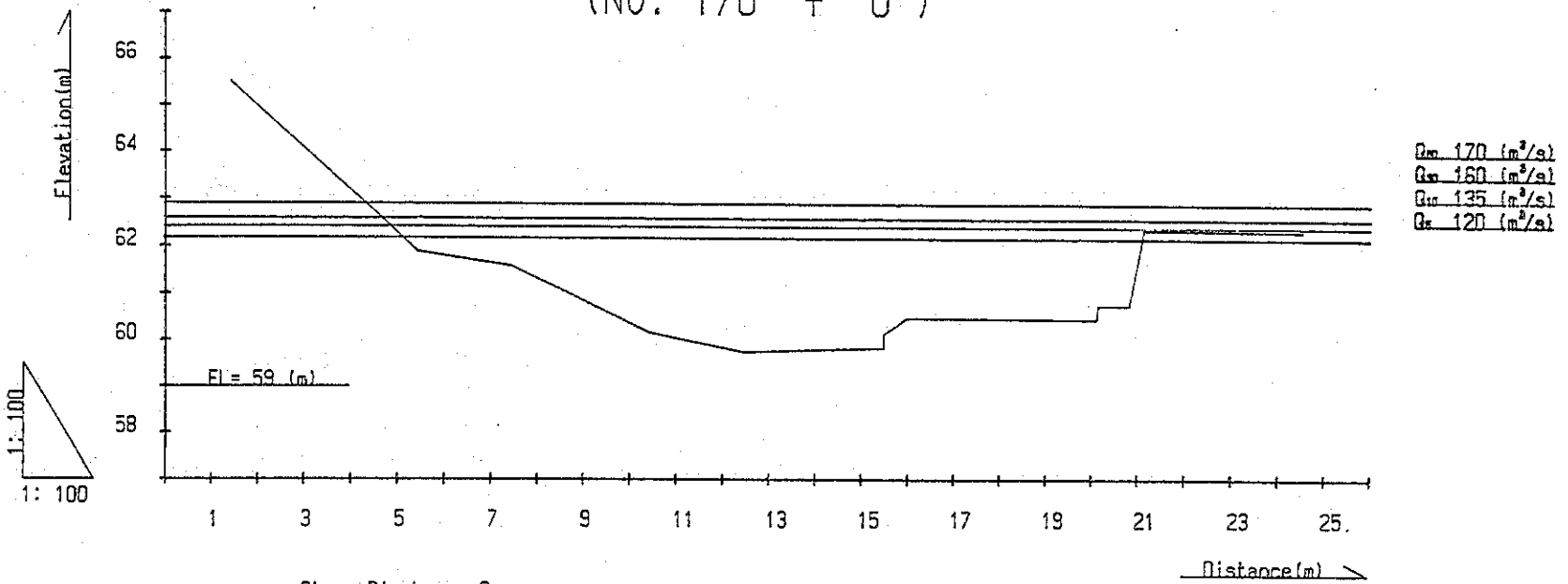
Ui-Chong
(NO. 160 + 0)

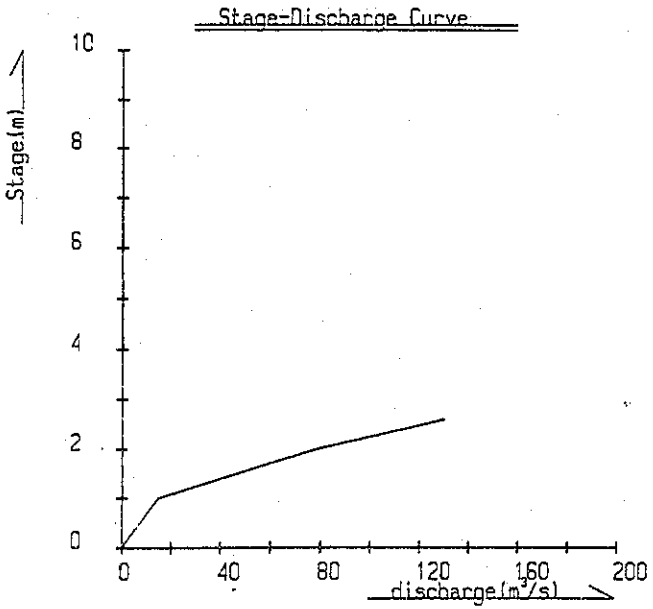




NO.	NO. 160 + 0
Hmin	50.586 (m)
Hmax	52.886 (m)
n	.035
I	1/ 57
A	42.4626 (m²)
P	24.4856 (m)
R	1.7342 (m)
V	5.4625 (m/s)
Q	231.9521 (m³/s)

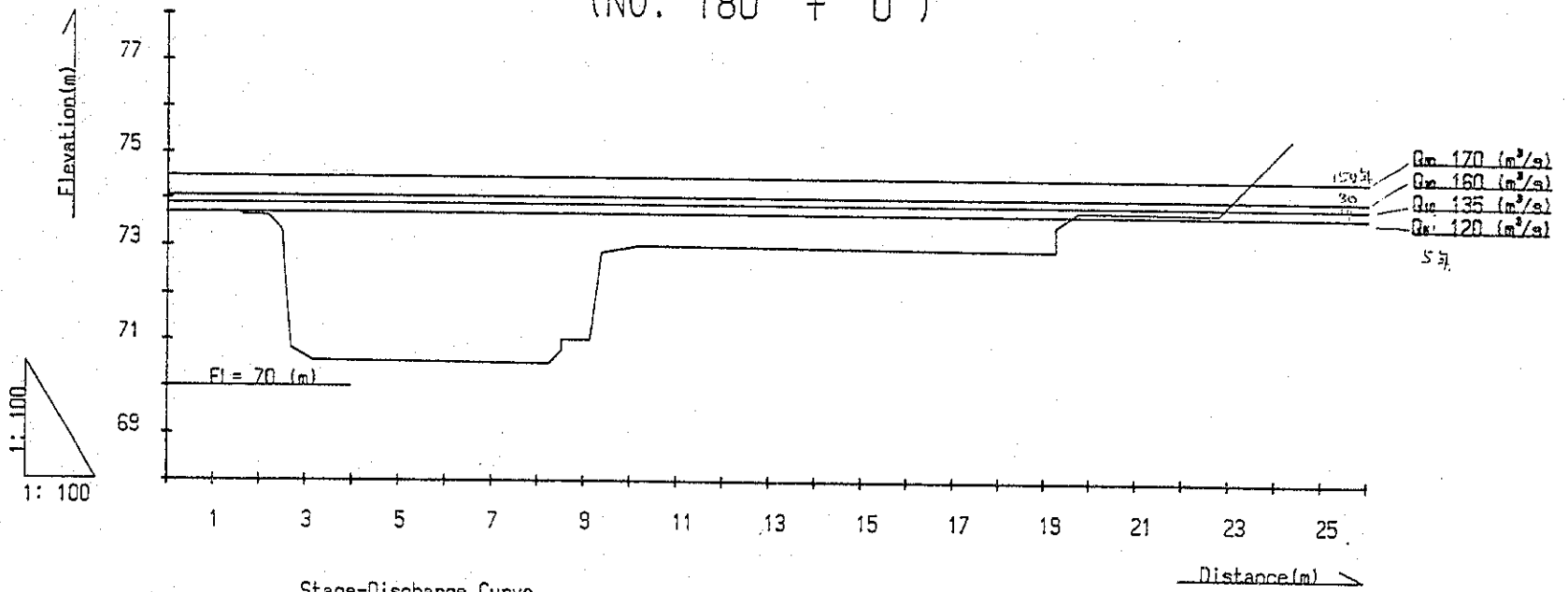
Ui-Chong
(NO. 170 + 0)

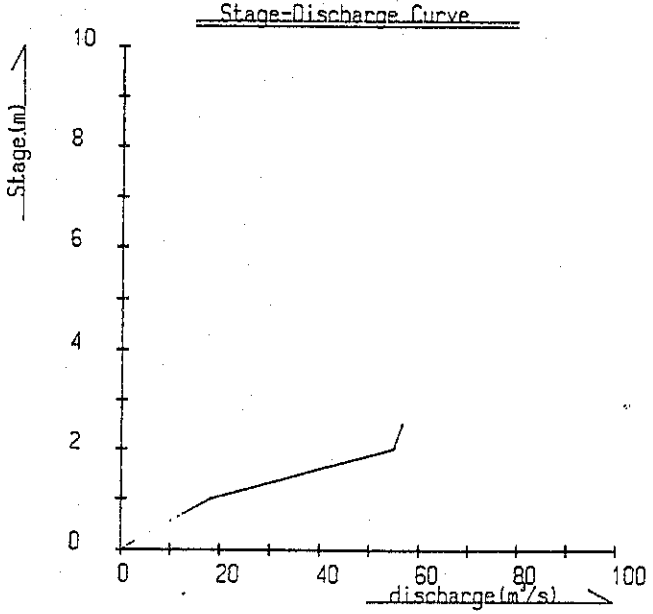




NO.	NO. 170 + 0
Hmin	59.762 (m)
Hmax	62.362 (m)
n	.035
I	1/ 57
A	28.5786 (m²)
P	21.7561 (m)
R	1.3136 (m)
V	4.5391 (m/s)
Q	129.721 (m³/s)

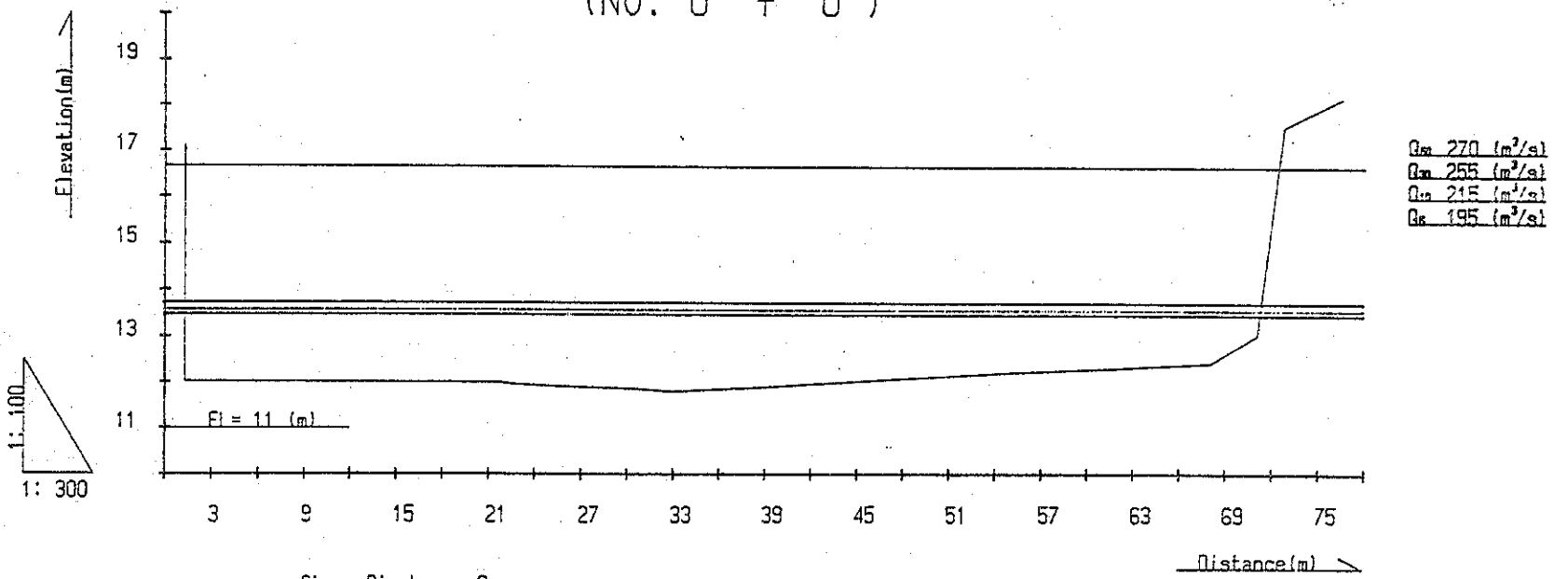
Ui-Chong
(NO. 180 + 0)

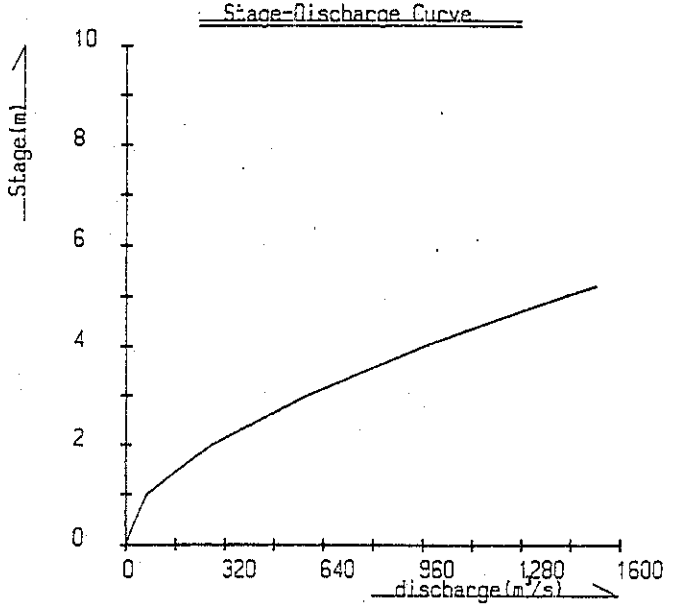




NO.	NO. 180 + 0
Hmin	70.5 (m)
Hmax	73 (m)
n	.035
I	1/ 57
A	16.1222 (m²)
P	18.012 (m)
R	.8951 (m)
V	3.5149 (m/s)
Q	56.6679 (m³/s)

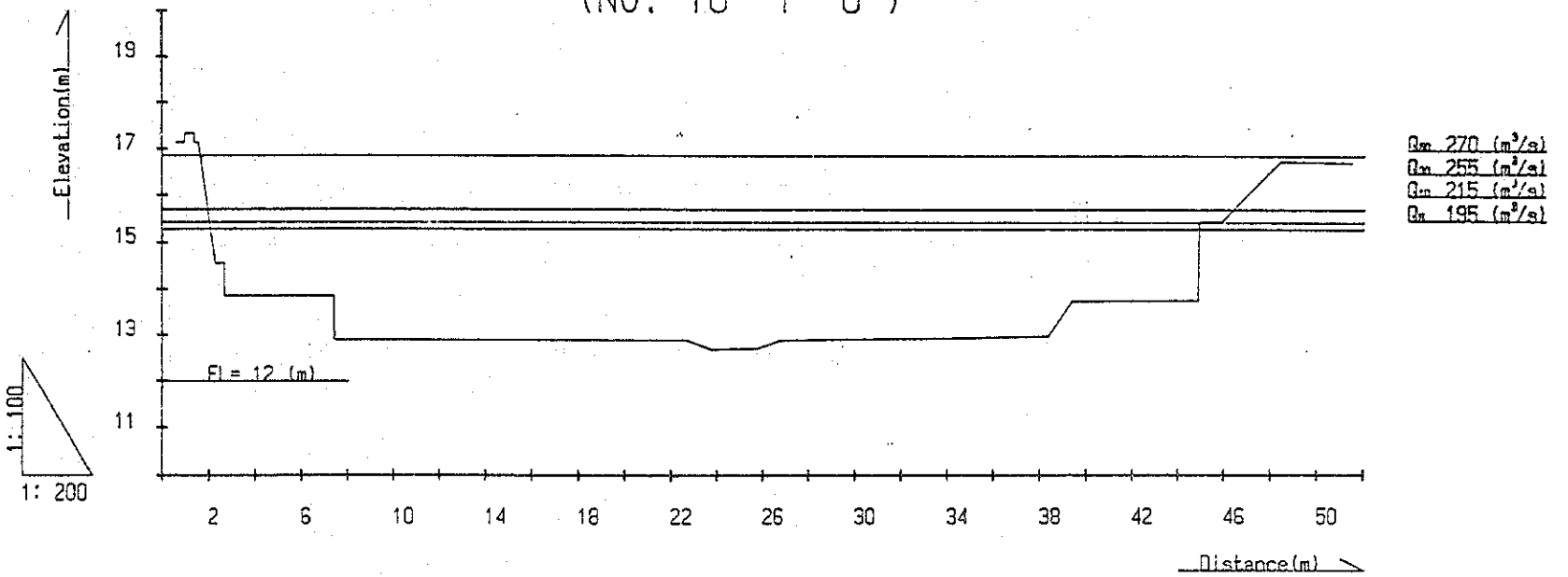
Chungroung-Chong
(NO. 0 + 0)

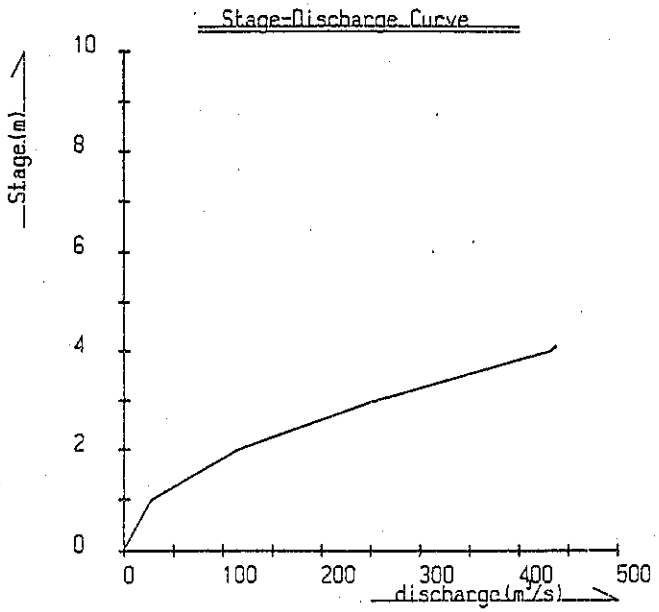




NO.	NO. 0 + 0
Hmin	11.81 (m)
Hmax	17.01 (m)
n	.03
I	1/ 414
A	346.3657 (m²)
P	79.0708 (m)
R	4.3804 (m)
V	4.3859 (m/s)
Q	1519.1251 (m³/s)

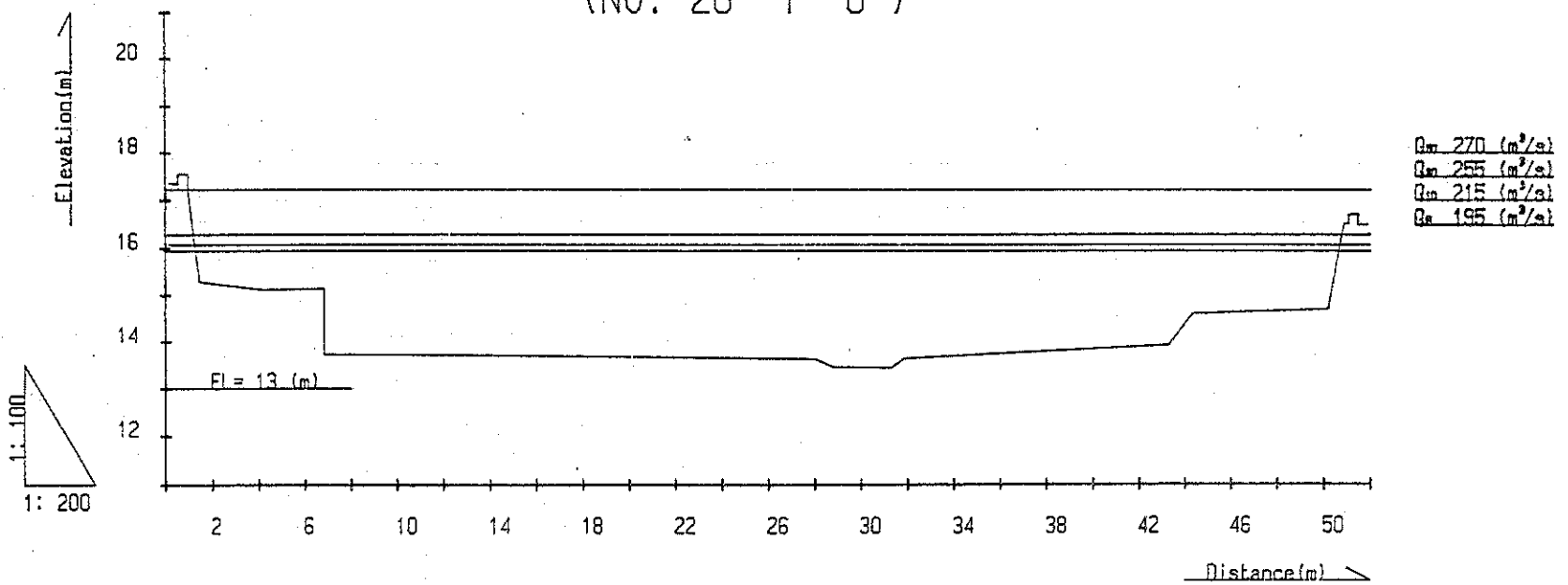
Chungroung-Chong
(NO. 10 + 0)

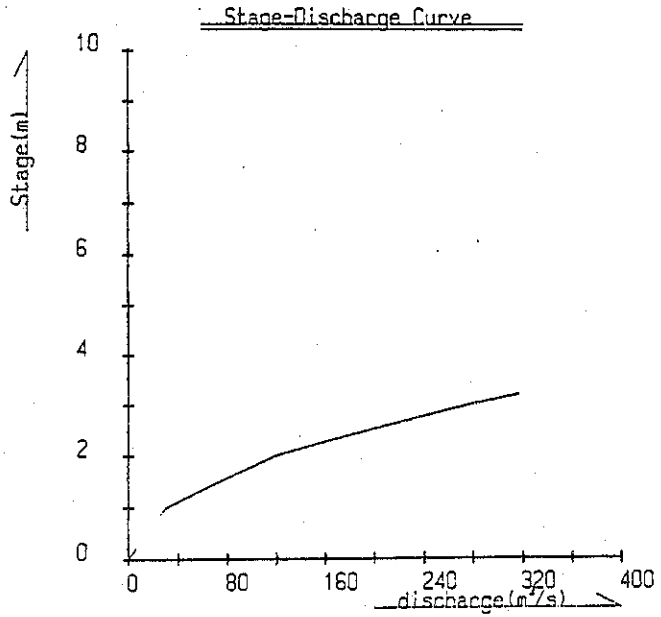




NO.	NO. 10 + 0
Hmin	12.703 (m)
Hmax	16.803 (m)
n	.03
I	1/ 610
A	159.7664 (m²)
P	55.4234 (m)
R	2.8827 (m)
V	2.7337 (m/s)
Q	436.7535 (m³/s)

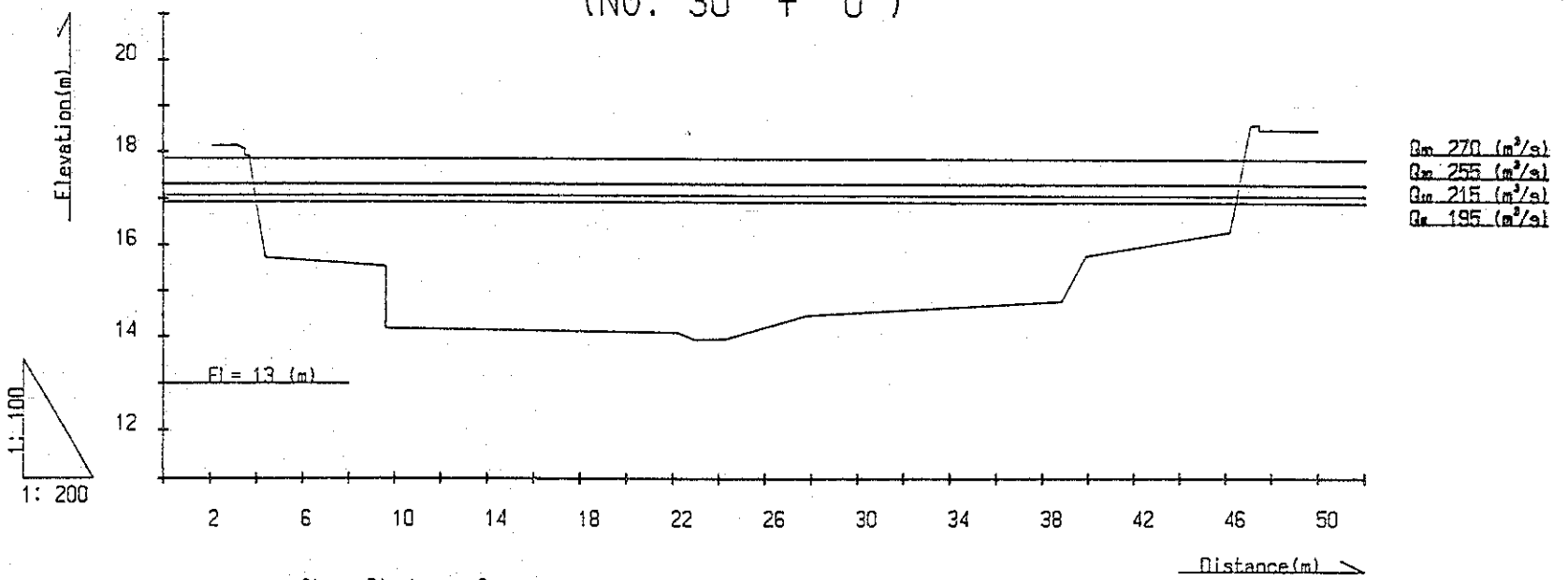
Chungroung-Chong
(NO. 20 + 0)

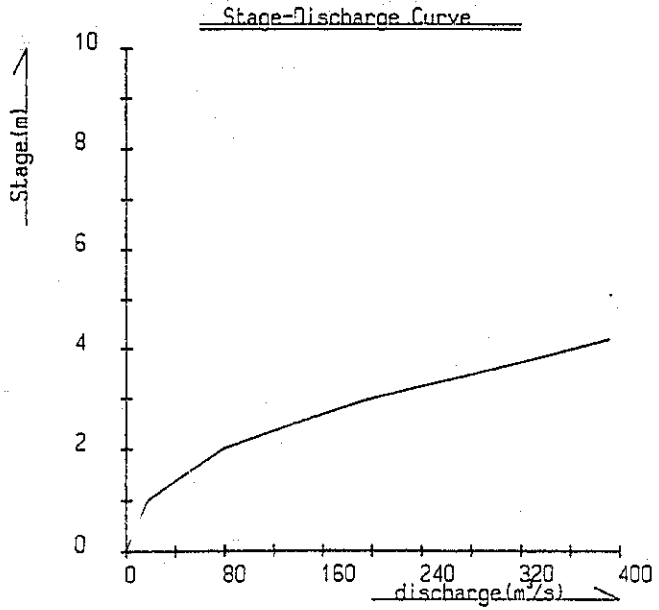




NO.	NO. 20 + 0
Hmin	13.442 (m)
Hmax	16.642 (m)
n	.03
I	1/ 610
A	130.7025 (m²)
P	54.5709 (m)
R	2.3951 (m)
V	2.416 (m/s)
Q	315.7772 (m³/s)

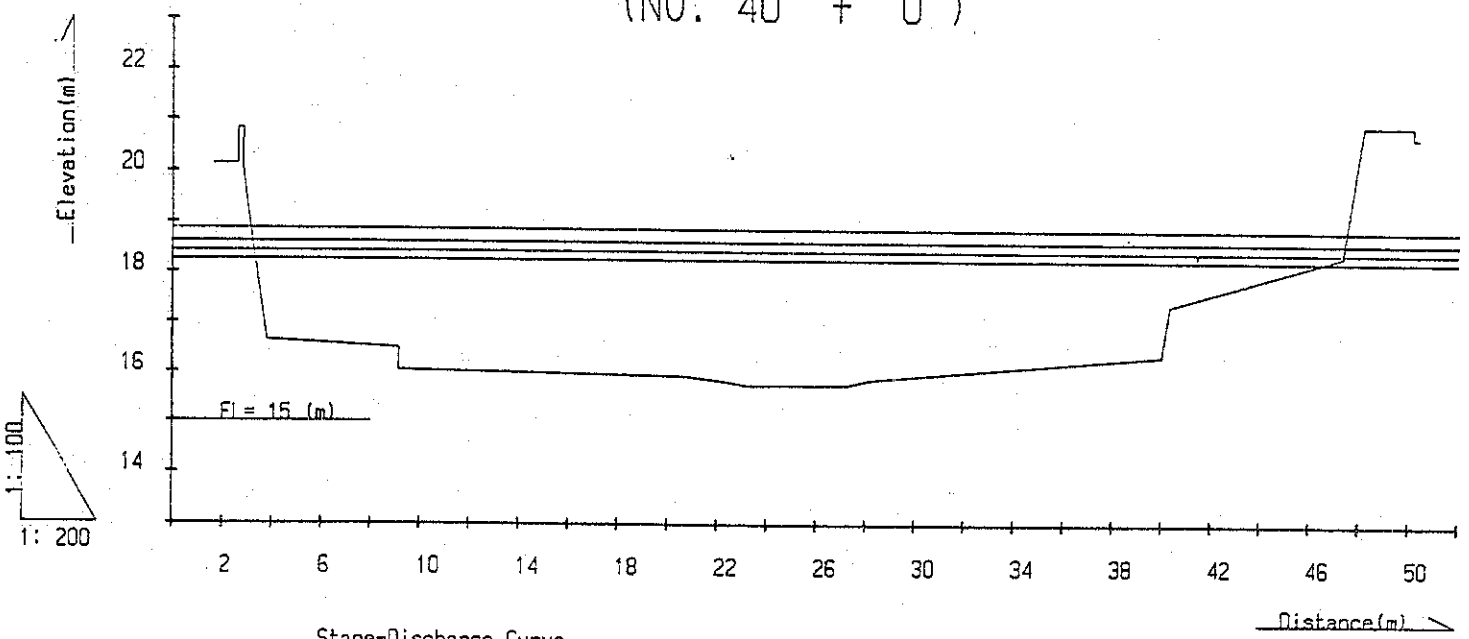
Chungroung-Chong
(NO. 30 + 0)

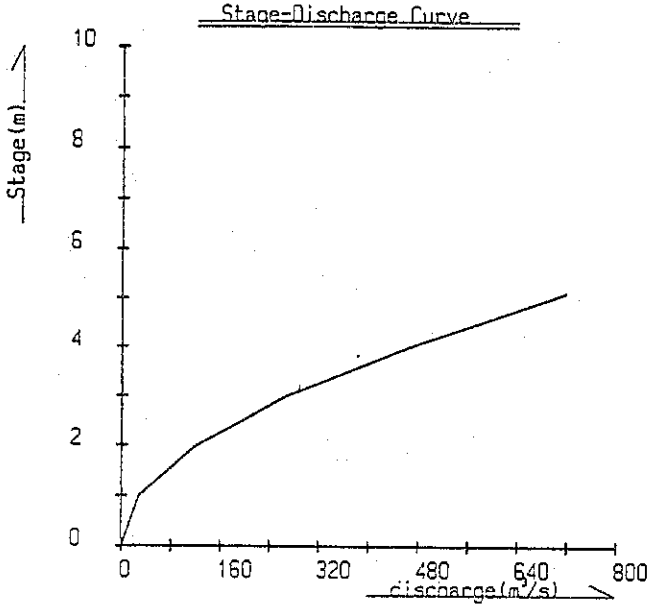




NO.	NO. 30 + 0
Hmin	13.95 (m)
Hmax	18.15 (m)
n	.03
I	1/ 610
A	142.8963 (m²)
P	49.6238 (m)
R	2.8796 (m)
V	2.7317 (m/s)
Q	390.3497 (m³/s)

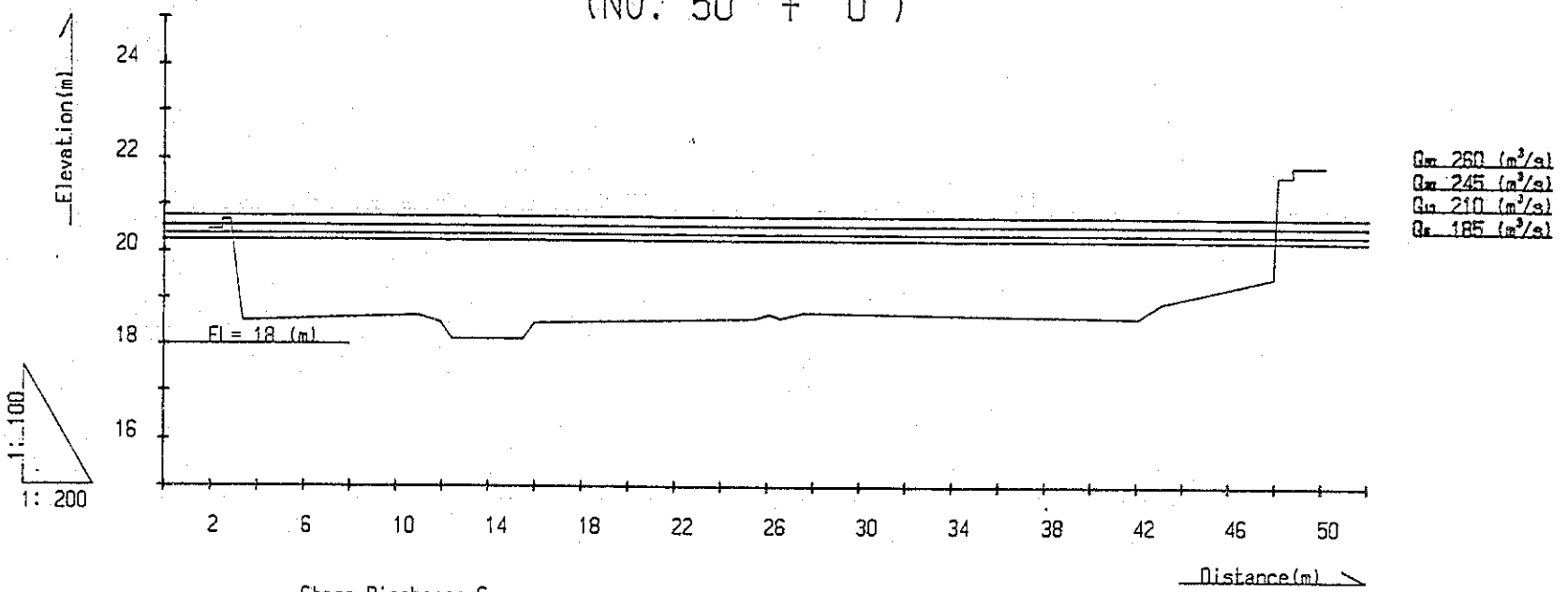
Chungroung-Chong
(NO. 40 + 0)

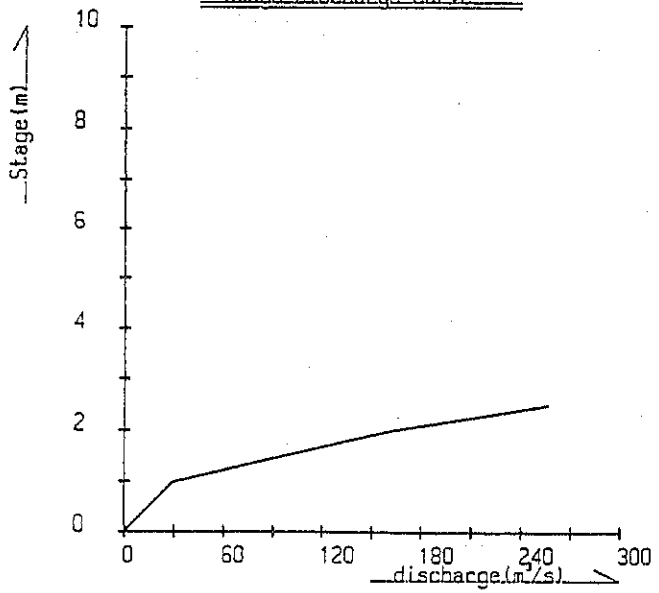




NO.	NO. 40 + 0
Hmin	15.753 (m)
Hmax	20.853 (m)
n	.03
I	1/ 492
A	199.58 (m²)
P	54.014 (m)
R	3.695 (m)
V	3.5917 (m/s)
Q	716.8317 (m³/s)

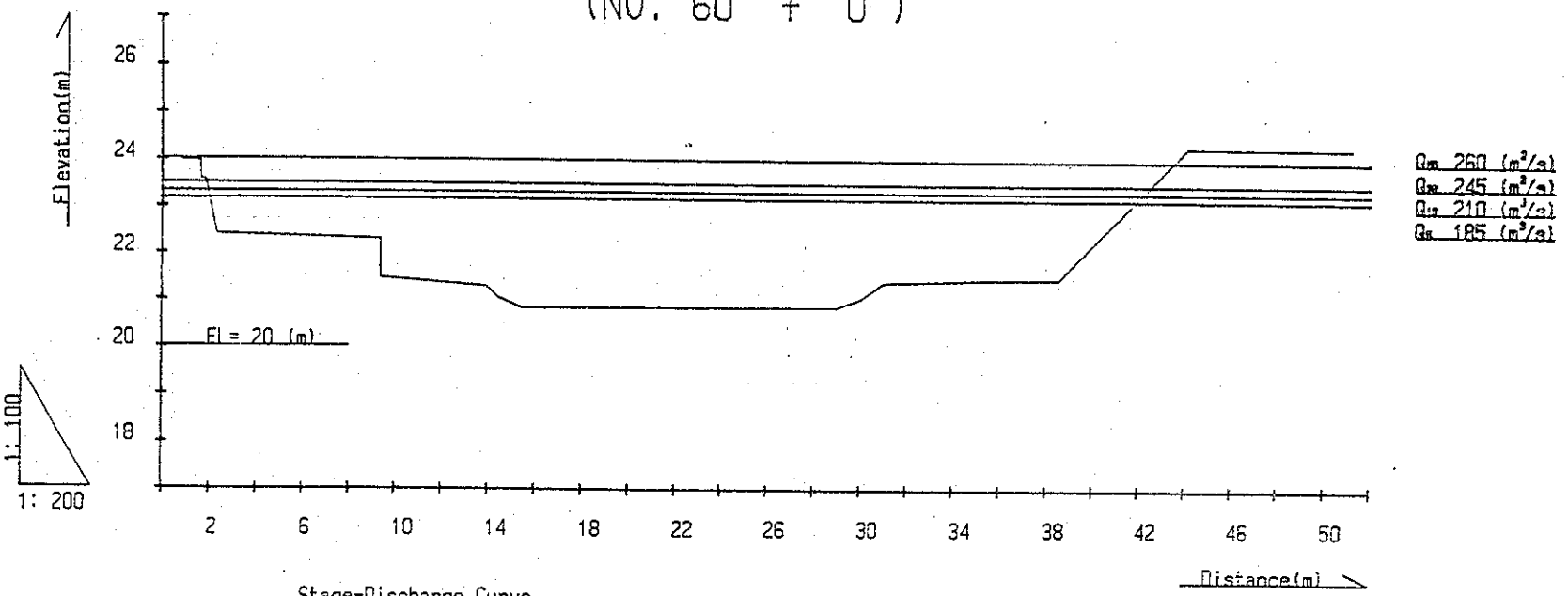
Chungroung-Chong
(NO. 50 + 0)

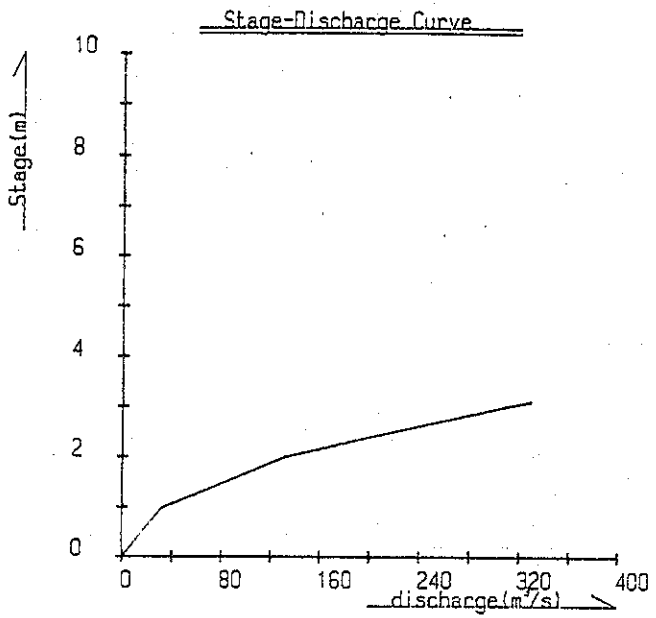




NO.	NO. 50 + 0
Hmin	18.121 (m)
Hmax	20.621 (m)
n	.03
I	1/ 310
A	90.1348 (m²)
P	48.9951 (m)
R	1.8397 (m)
V	2.8425 (m/s)
Q	256.2081 (m³/s)

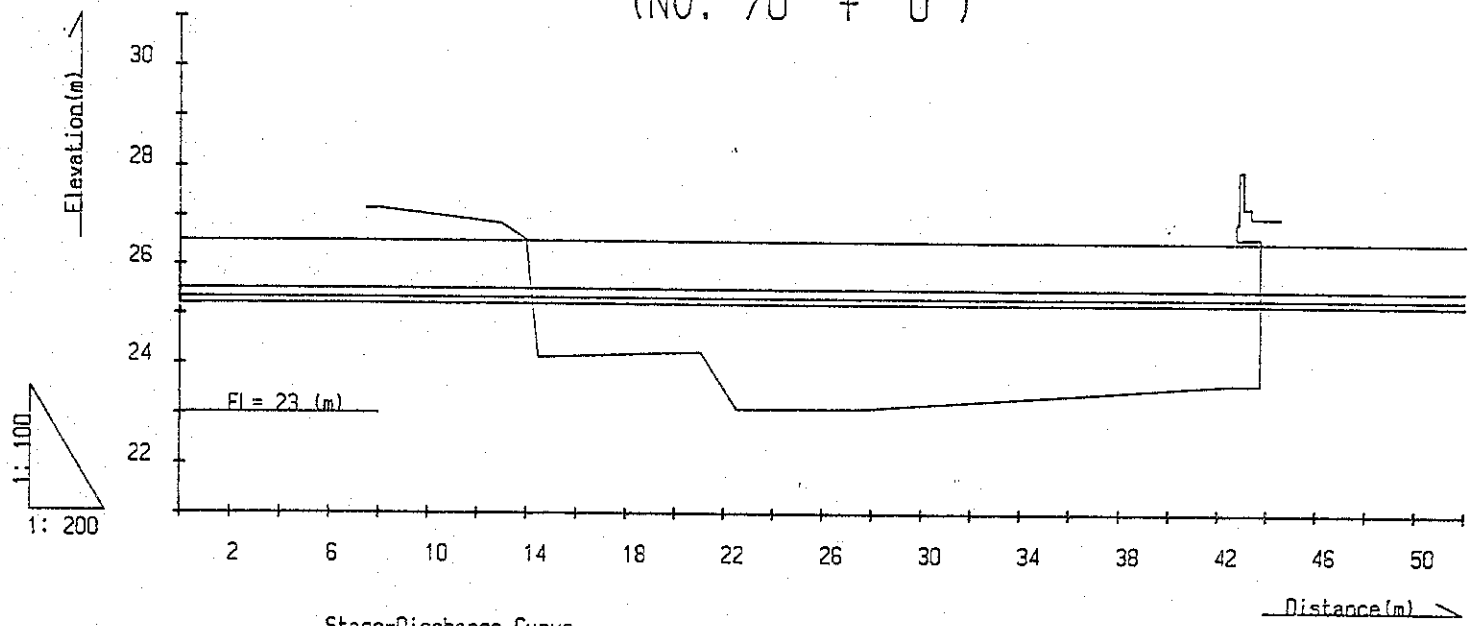
Chungroung-Chong
(NO. 60 + 0)

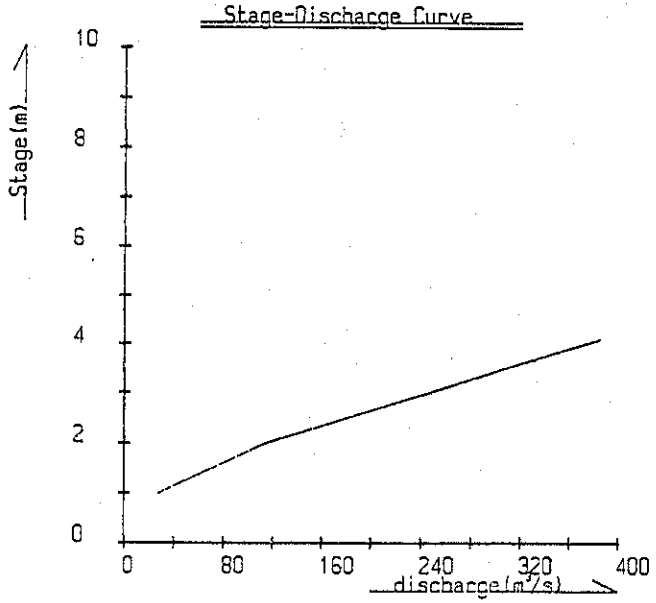




NO.	NO. 60 + 0
Hmin	20.831 (m)
Hmax	23.931 (m)
n	.03
I	1/ 302
A	99.9155 (m²)
P	44.4342 (m)
R	2.2486 (m)
V	3.2922 (m/s)
Q	328.9418 (m³/s)

Chungroung-Chong
(NO. 70 + 0)





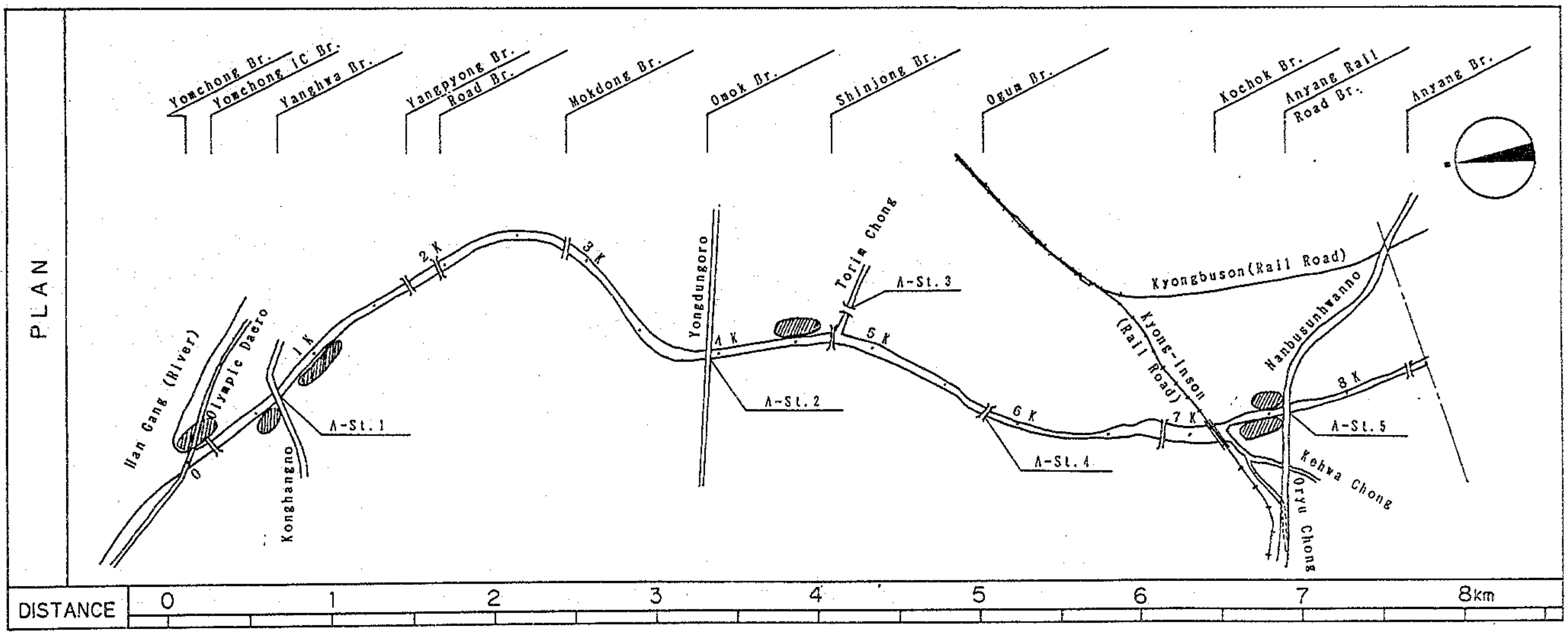
NO.	NO. 70 + 0
Hmin	23.1 (m)
Hmax	27.2 (m)
n	.03
I	1/ 302
A	110.0216 (m²)
P	44.8419 (m)
R	2.4535 (m)
V	3.4893 (m/s)
Q	383.8983 (m³/s)

４）計算上越流する地点図

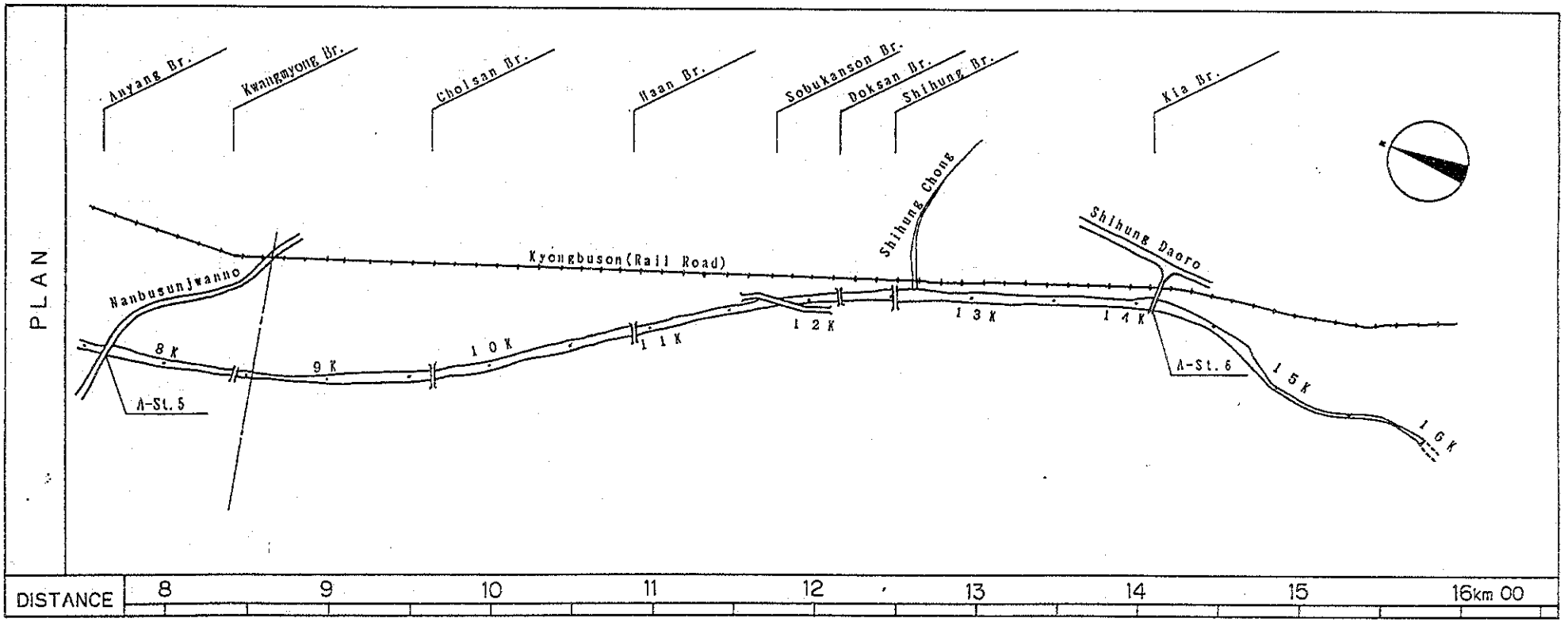
・安　養　川
・良　才　川
・牛　耳　川
・貞　陵　川

安 養 川

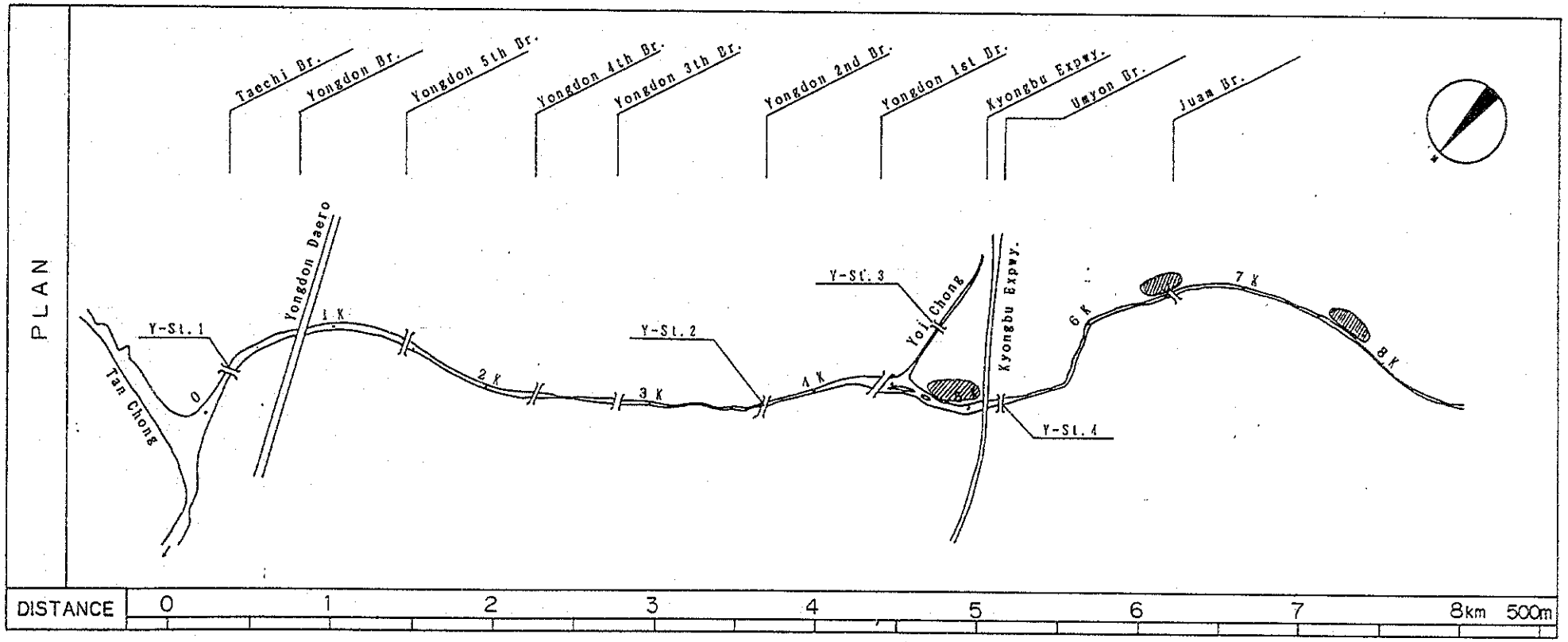
計算上越流する地点



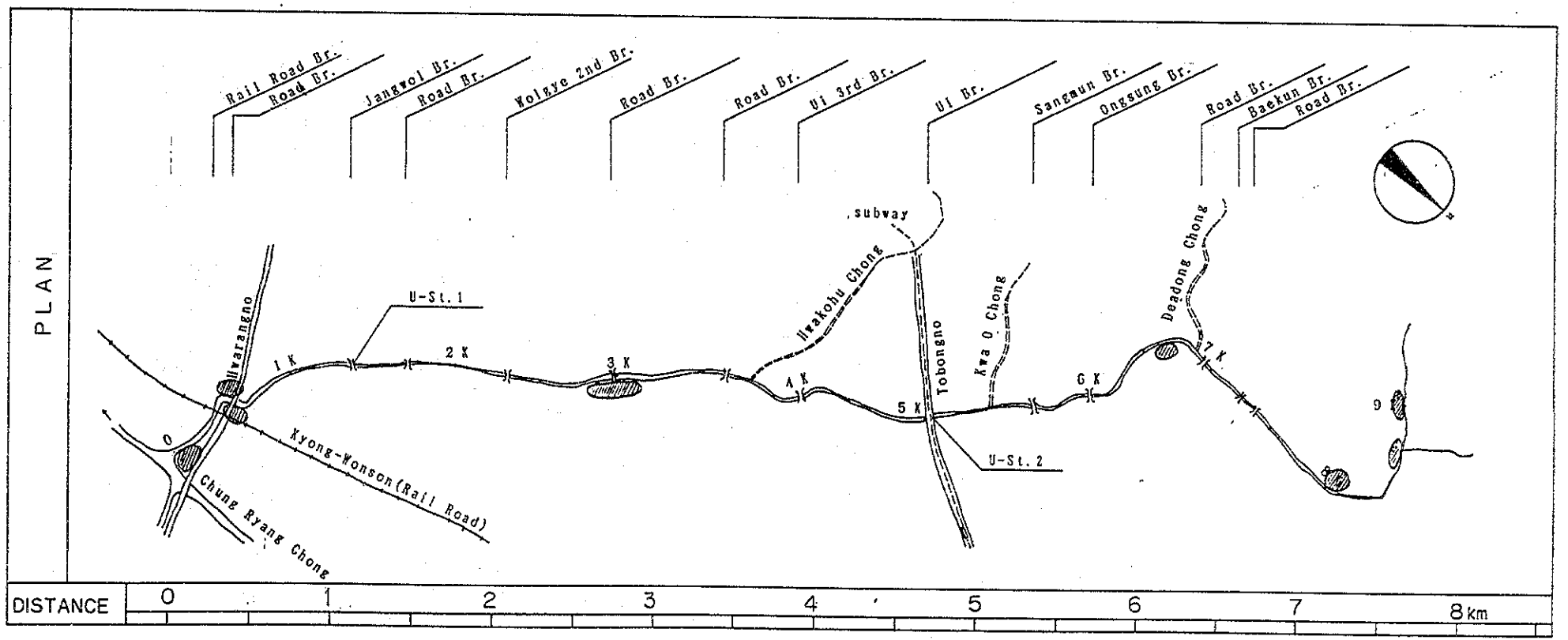
注(1) 計算上越流する地点については横断測量成果が必ずしも左右岸の最高位の堤頭を示していない場合がある。
従って、越流地点については測量成果及び下流側並びに現地の状況を充分検討する必要がある。


PLAN
Anyang Br.
Kwangmyong Br.
Cholsan Br.
Haan Br.
Sobukanson Br.
Boksan Br.
Shihung Br.
Kia Br.
Shihung Chong
Shihung Daoro
Kyongbuson (Rail Road)
Nanbusunjwanno
8K
9K
10K
11K
12K
13K
14K
15K
16K
A-St. 5
A-St. 6
DISTANCE
8
9
10
11
12
13
14
15
16km 00

良 才 川

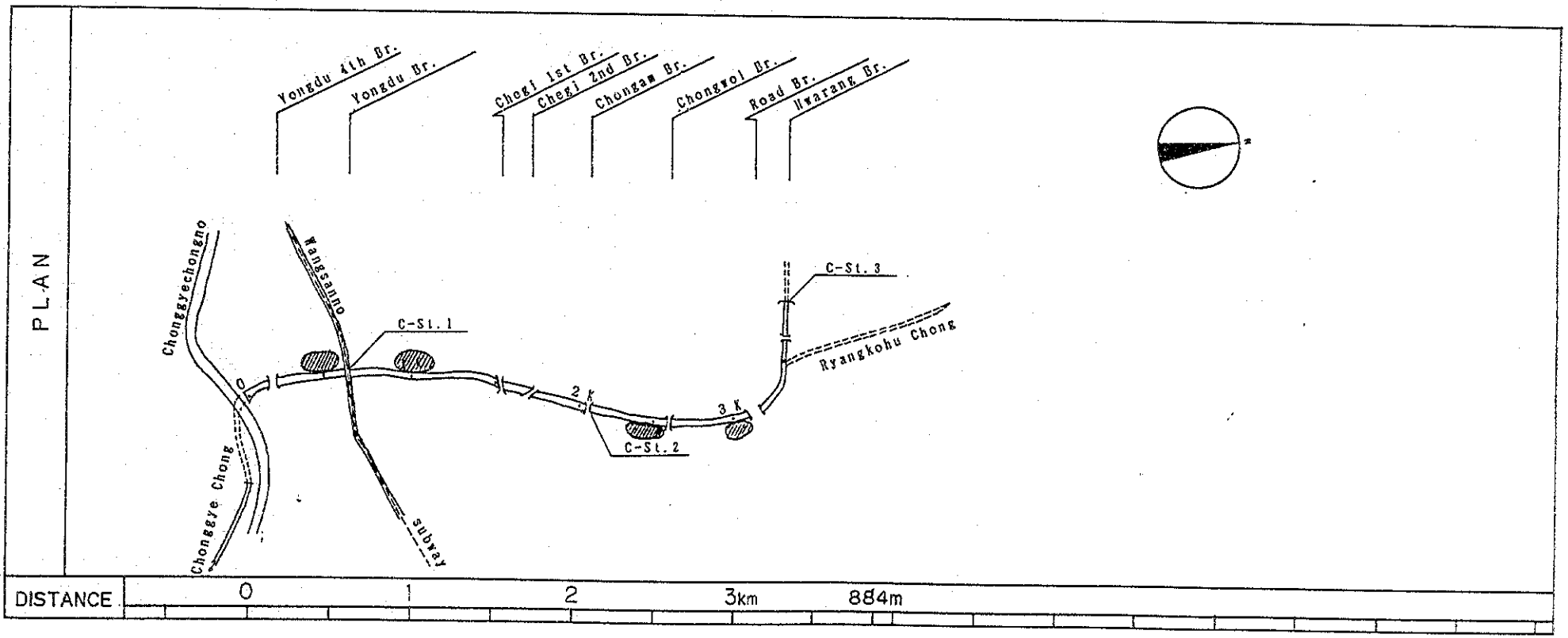

PLAN
Taechi Br.
Yongdon Br.
Yongdon 5th Br.
Yongdon 4th Br.
Yongdon 3th Br.
Yongdon 2nd Br.
Yongdon 1st Br.
Kyongbu Expwy.
Umyon Br.
Juam Br.
Y-St. 1
Tan Chong
Yongdon Daero
1 K
2 K
3 K
Y-St. 2
4 K
Y-St. 3
Yoi Chong
Kyongbu Expwy.
5 K
6 K
7 K
8 K
Y-St. 4
DISTANCE
0
1
2
3
4
5
6
7
8km 500m

中 浪 川


PLAN
Rail Road Br.
Road Br.
Jangwol Br.
Road Br.
Wolgye 2nd Br.
Road Br.
Road Br.
Ui 3rd Br.
Ui Br.
Sangaun Br.
Ongsung Br.
Road Br.
Baekun Br.
Road Br.
subway
Hwarangno
U-St.1
1K
2K
3K
4K
5K
Hwakohu Chong
Tobongno
Kwa O Chong
Deadong Chong
6K
7K
U-St.2
0
9
Kyong-Wonson (Rail Road)
Chung Ryang Chong
DISTANCE
0
1
2
3
4
5
6
7
8km

9km 543m

安 陵 川


PLAN
Yongdu 4th Br.
Yongdu Br.
Chegi 1st Br.
Chegi 2nd Br.
Chongam Br.
Chongwol Br.
Road Br.
Hwarang Br.
N
Chonggyechongno
Wangsanno
C-St. 1
C-St. 3
Ryangkohu Chong
0
2 K
3 K
C-St. 2
Chonggye Chong
subway
DISTANCE
0
1
2
3km
884m