

ハルカウツノクニ

シキカクシノコトニキリテ

横断面図

1970年 4月

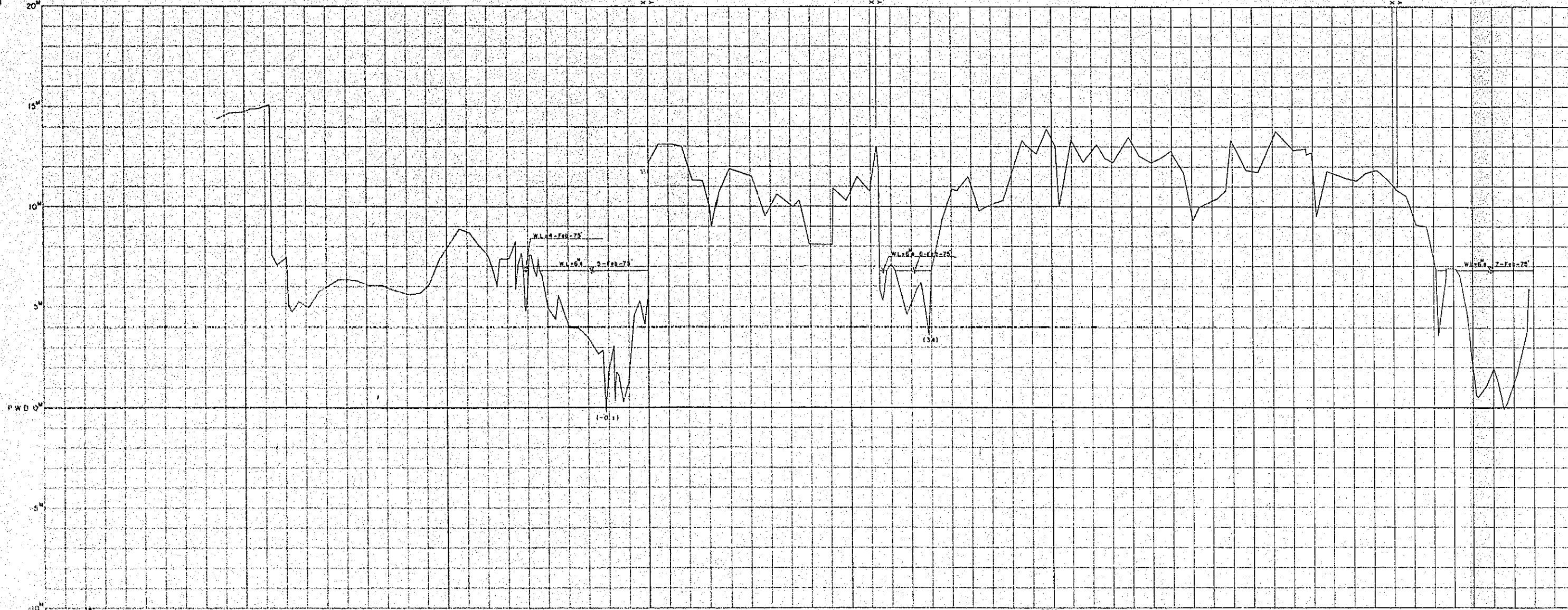


国際協力事業団
建設技術協会



J 11353026

1:20000



X=1805.4 S-No.1
Y=11760.00

X=1887.4 S-No.1
Y=9500.00

X=1846.7 S-No.1
Y=4320.44

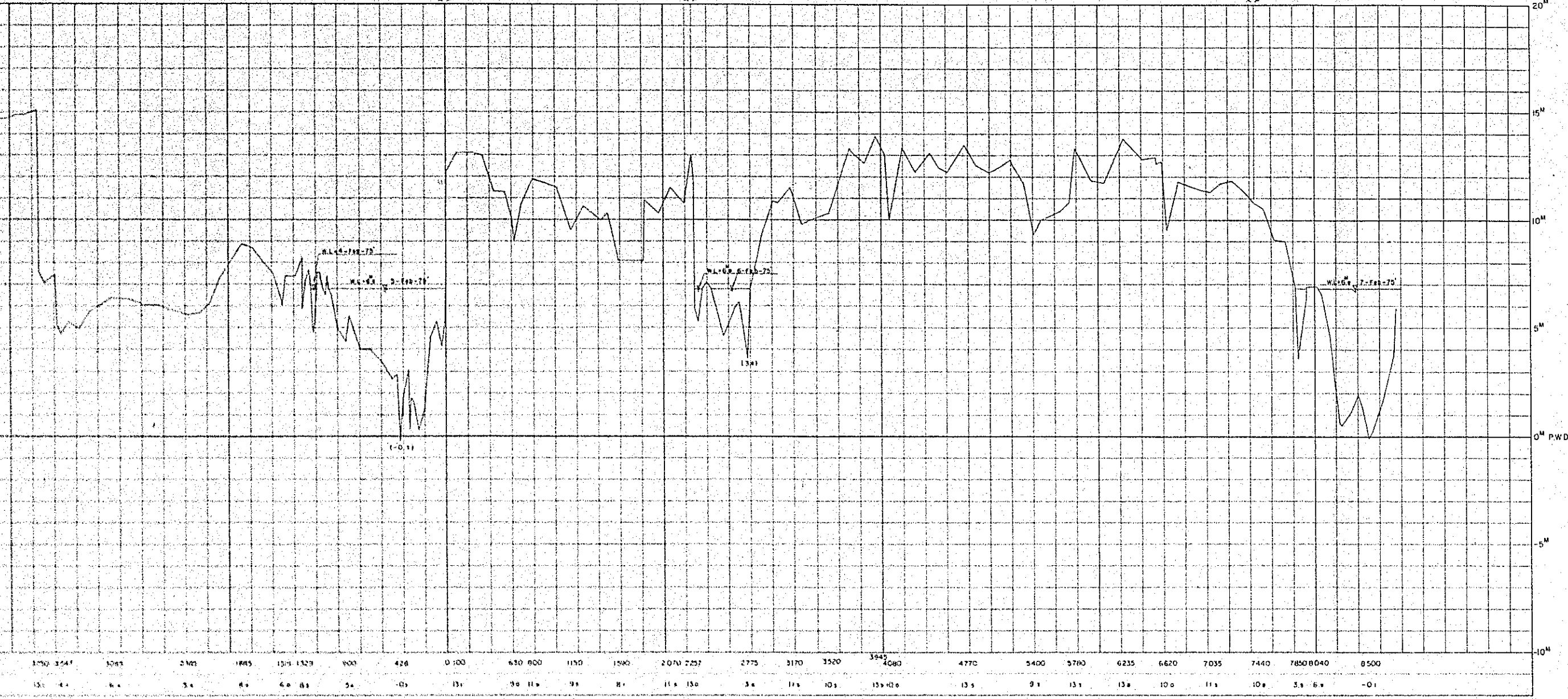
L (M)	3250	3547	3685	2380	1885	1519	1329	900	428	0	100	630	800	1150	1590	2070	2257	2775	3170	3520	3845	4080	4770	5400	5780	6235	6620	7035	7440	7850	8040	8500
GH (M)	15.1	4.7	6.4	5.4	8.4	6.0	8.2	5.4	-0.1	15.1	9.0	11.9	9.5	8.1	11.3	13.0	3.4	11.3	10.3	13.9	10.0	13.3	13.3	9.3	13.3	13.4	10.0	11.3	10.4	3.5	6.9	-0.1

JAPAN
P
J
S
SCALE H
V
SURVEYED
SHEET NO.
INTERNATIONAL

X=1805.0 S-No.1
Y=11760.00

X=1805.0 S-No.1
Y=9503.01

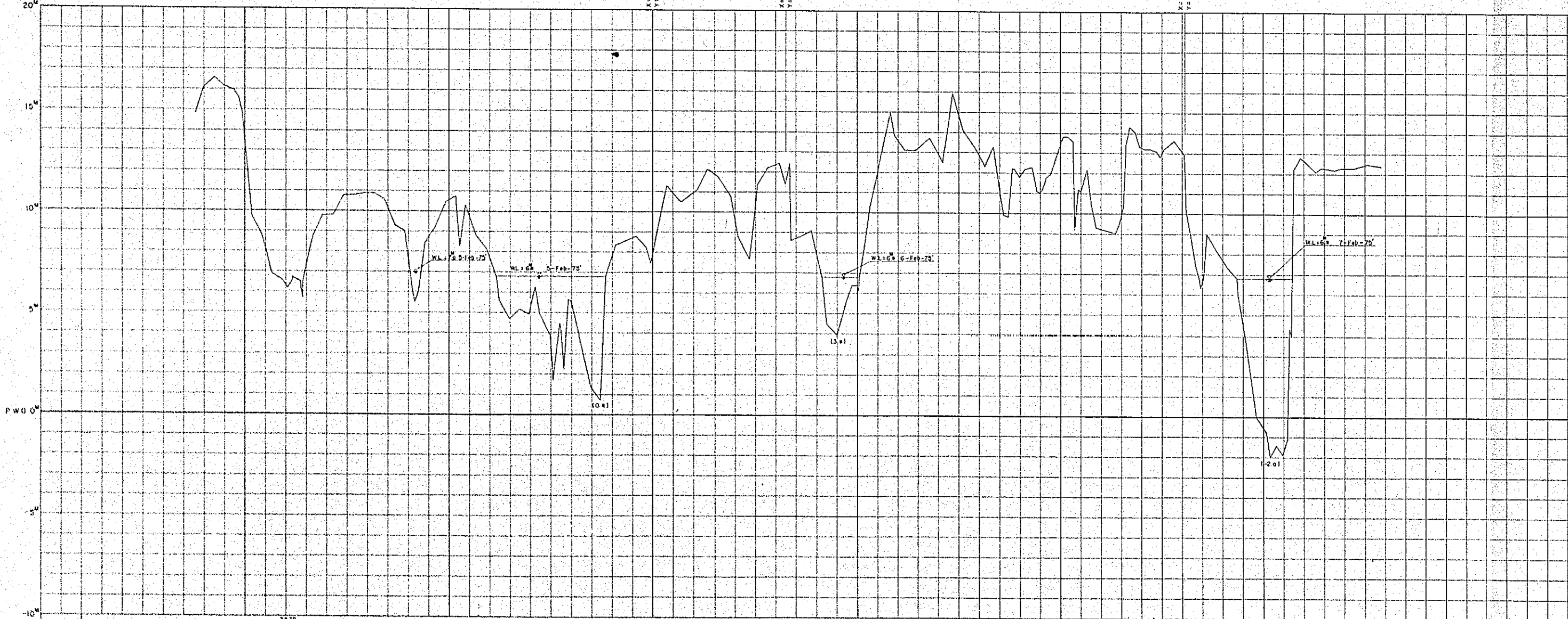
X=1846.0 S-No.1
Y=4320.44



1750 2541 3083 3103 1685 1011 1327 1600 426 0 100 630 800 1150 1500 2070 2257 2775 3170 3520 3845 4080 4770 5400 5780 6235 6620 7035 7440 7850 8040 8500
13 44 6 4 5 4 6 8 5 0 13 3 11 9 8 11 13 5 17 10 15 10 13 5 9 13 13 10 11 10 5 6 0

JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.1	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Feb. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20000
1.00



X = 2887.41 S - No. 2
Y = 5435.77

X = 2887.41 S - No. 2
Y = 5435.77

X = 2887.41 S - No. 2
Y = 5435.77

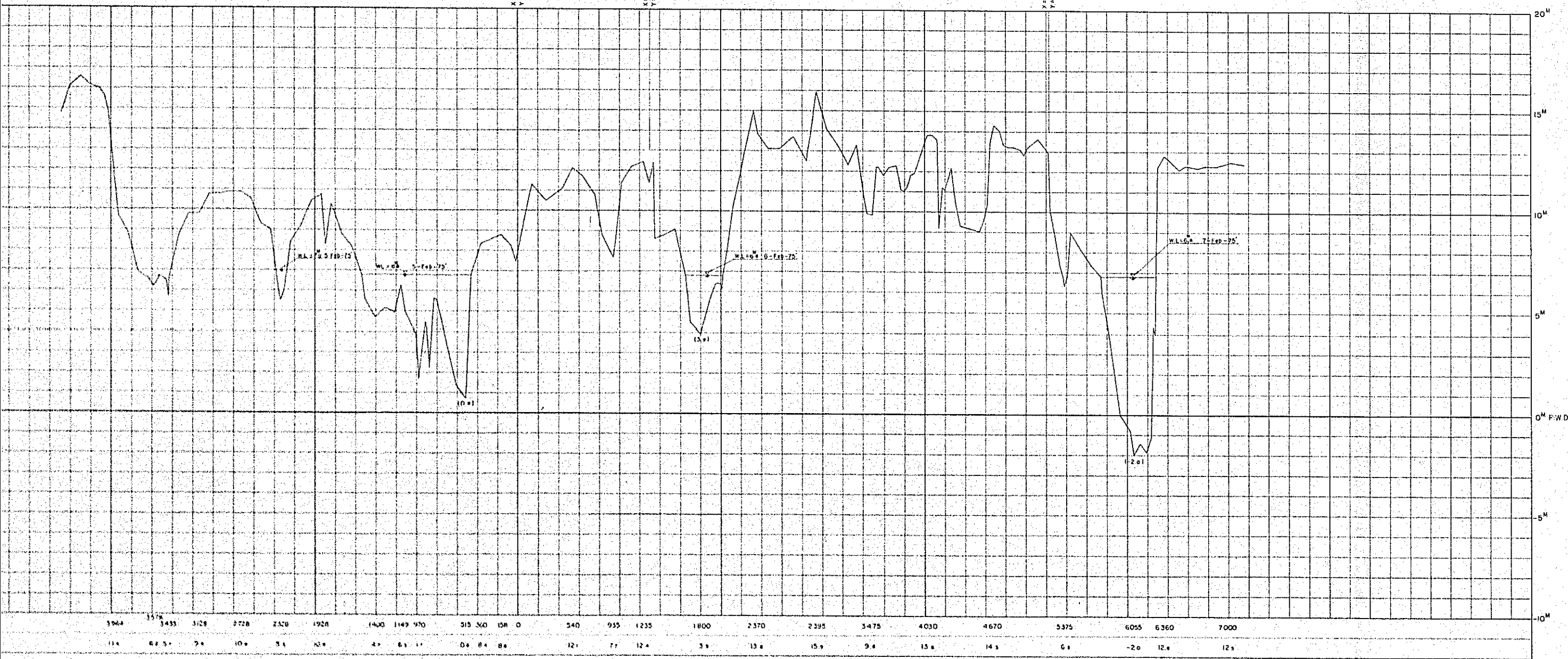
GN (M)	1964	3378	3435	3128	2726	2328	1928	1400	1149	970	515	360	158	0	540	935	1235	1800	2370	2395	3475	4030	4670	5375	6055	6360	7000
PW (M)	11.8	6.2	5.7	9.8	10.2	5.1	10.8	4.7	6.2	3.7	0.4	8.4	8.8		12.1	7.7	12.4	3.9	13.8	15.2	9.4	13.8	14.3	6.1	-2.0	12.4	12.3

JAN
SCALE
SURVEY
SHEET
INTERNA

X: 2897.75 S-No. 2
Y: 10732.44

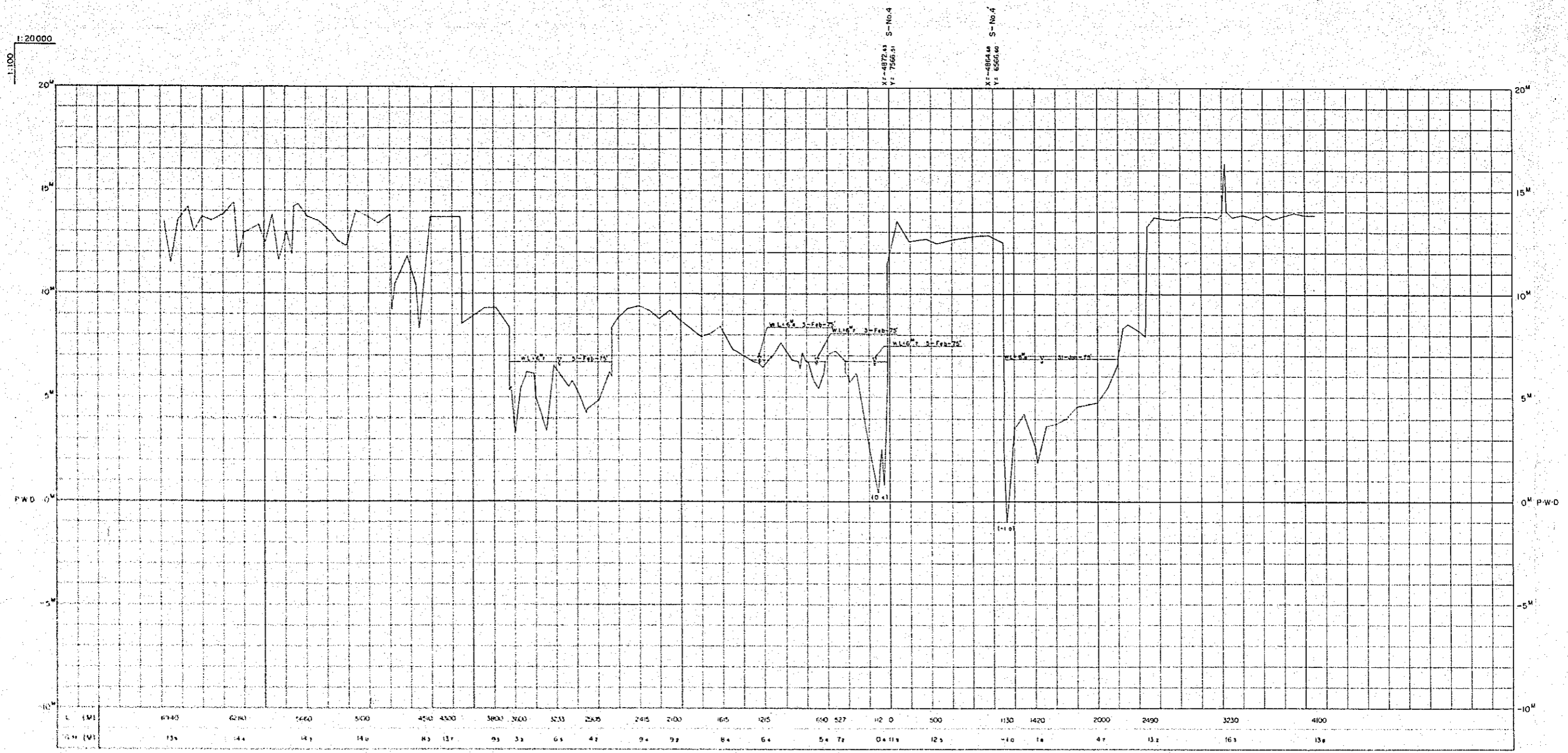
X: 2897.41 S-No. 2
Y: 9435.77

X: 2856.10 S-No. 2
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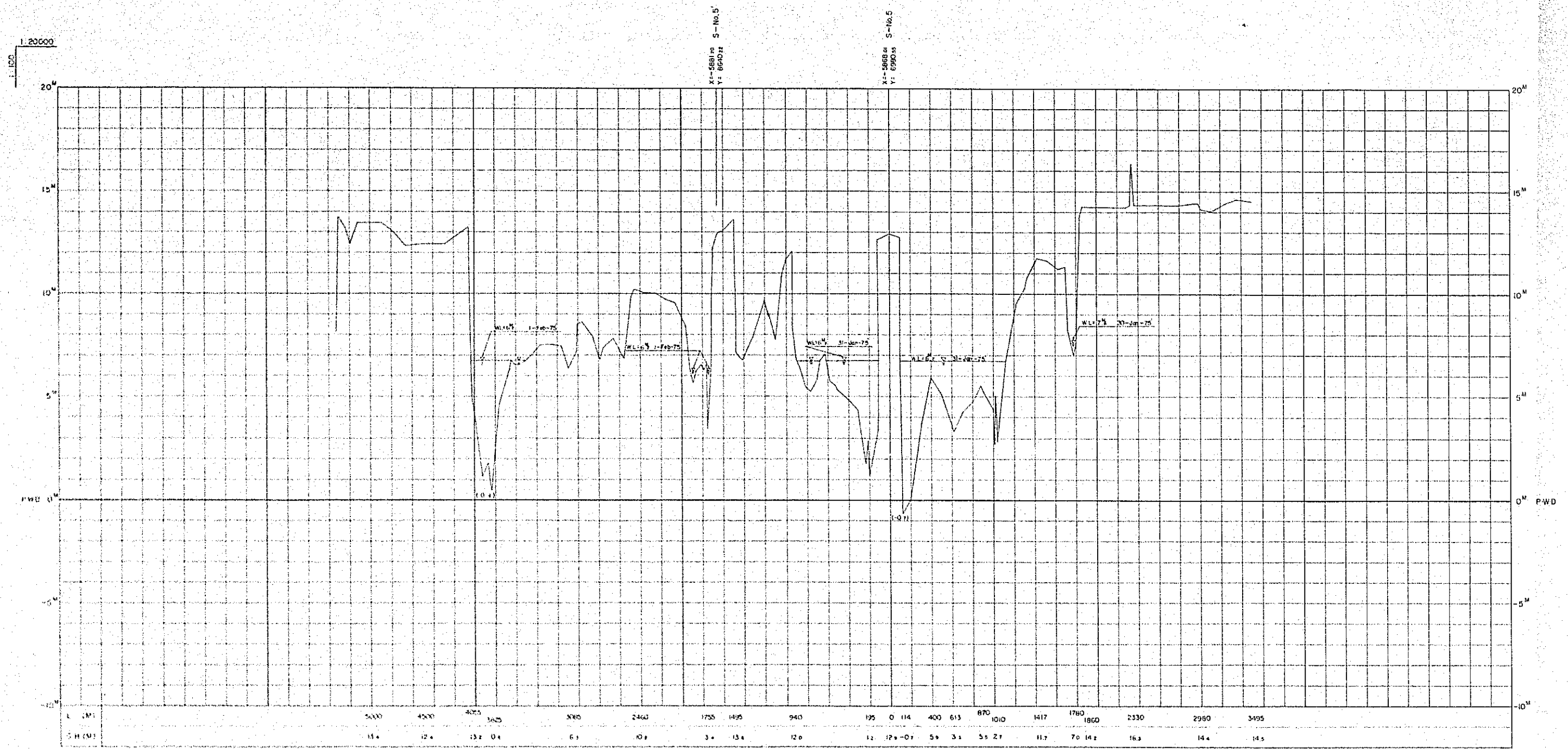


1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000

JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO. 2	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Feb. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



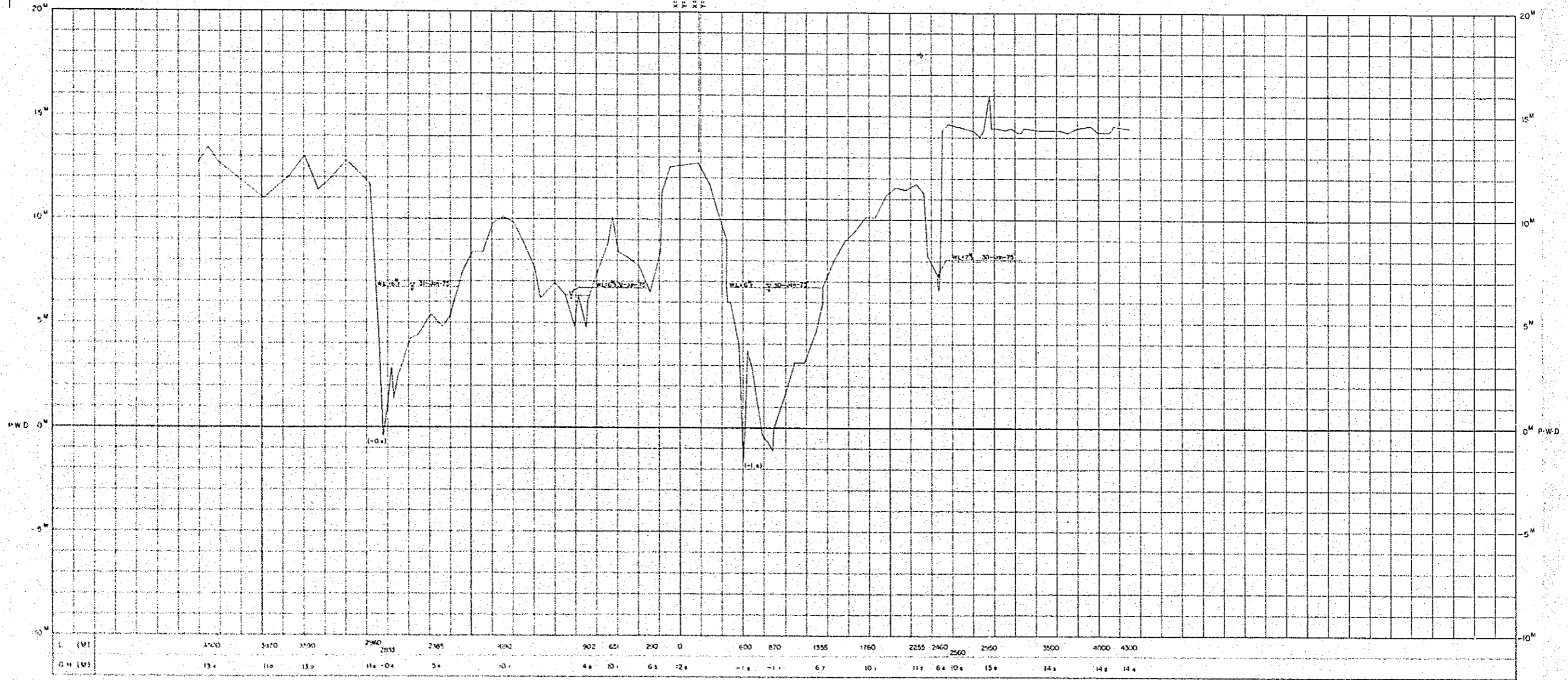
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.4	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan, Feb, 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO.5	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

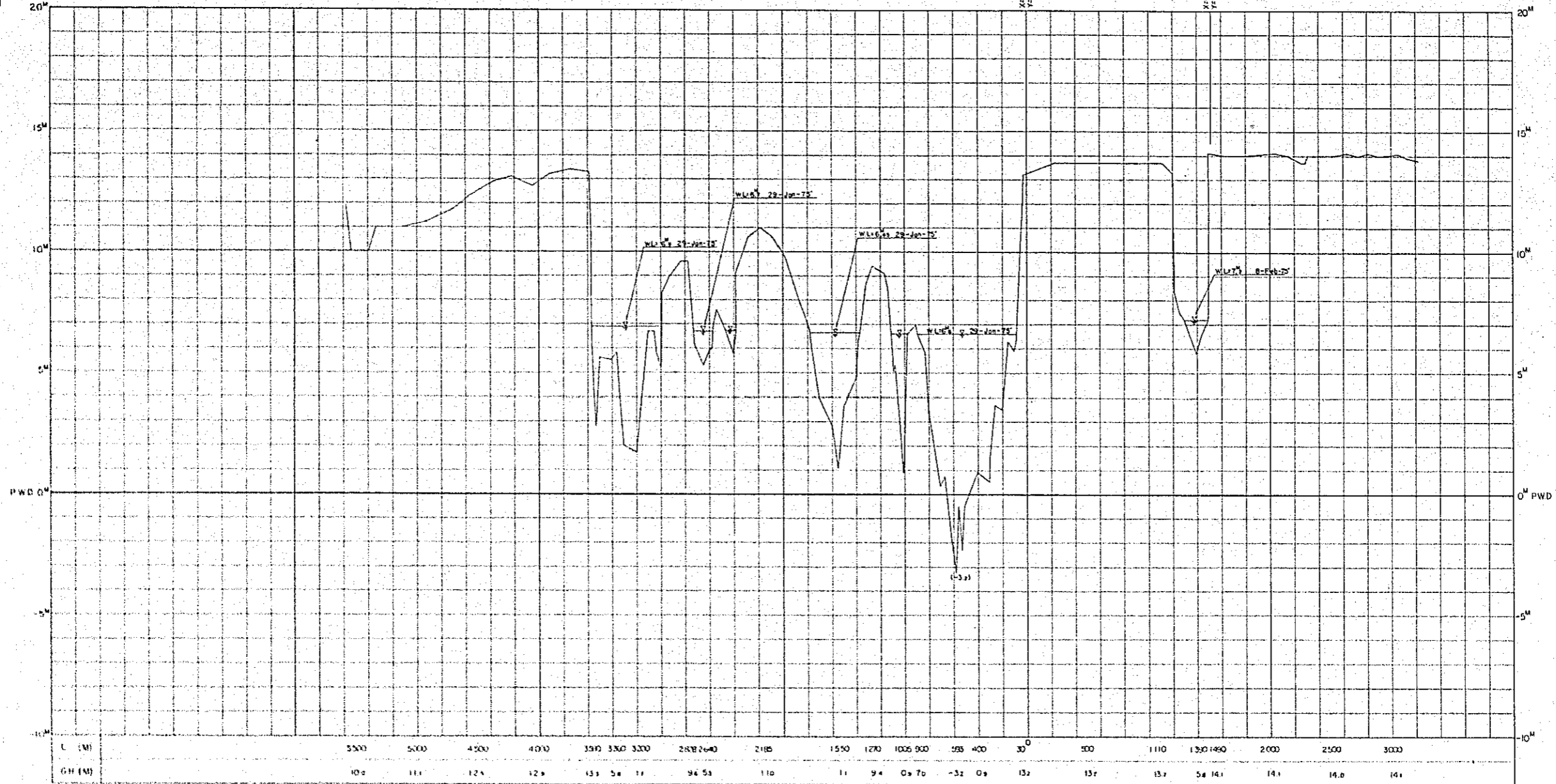
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X=6873.47 S-NO.6
Y=7711.76
X=6872.47 S-NO.6
Y=7537.45



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO.6	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20000
1:100

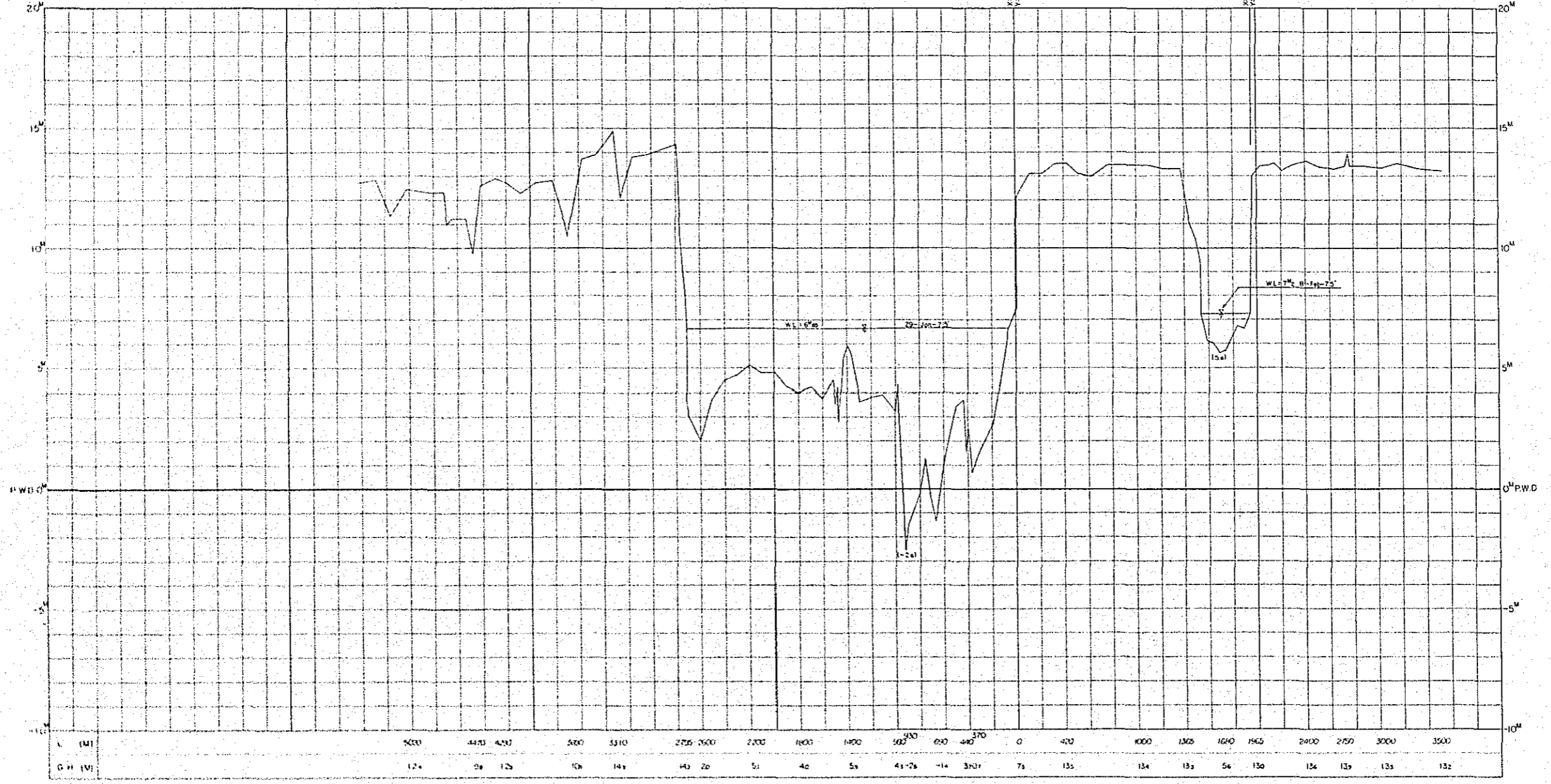


X-7865.07 S-No.7
Y- 6603.03

X-7865.07 S-No.7
Y- 5094.54

JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO.7	
SCALE H= 1:20000 V= 1: 100	APPROVED BY
SURVEYED ON Jan.Feb.1975	CHECKED BY
SHEET NO.Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20000
1:100



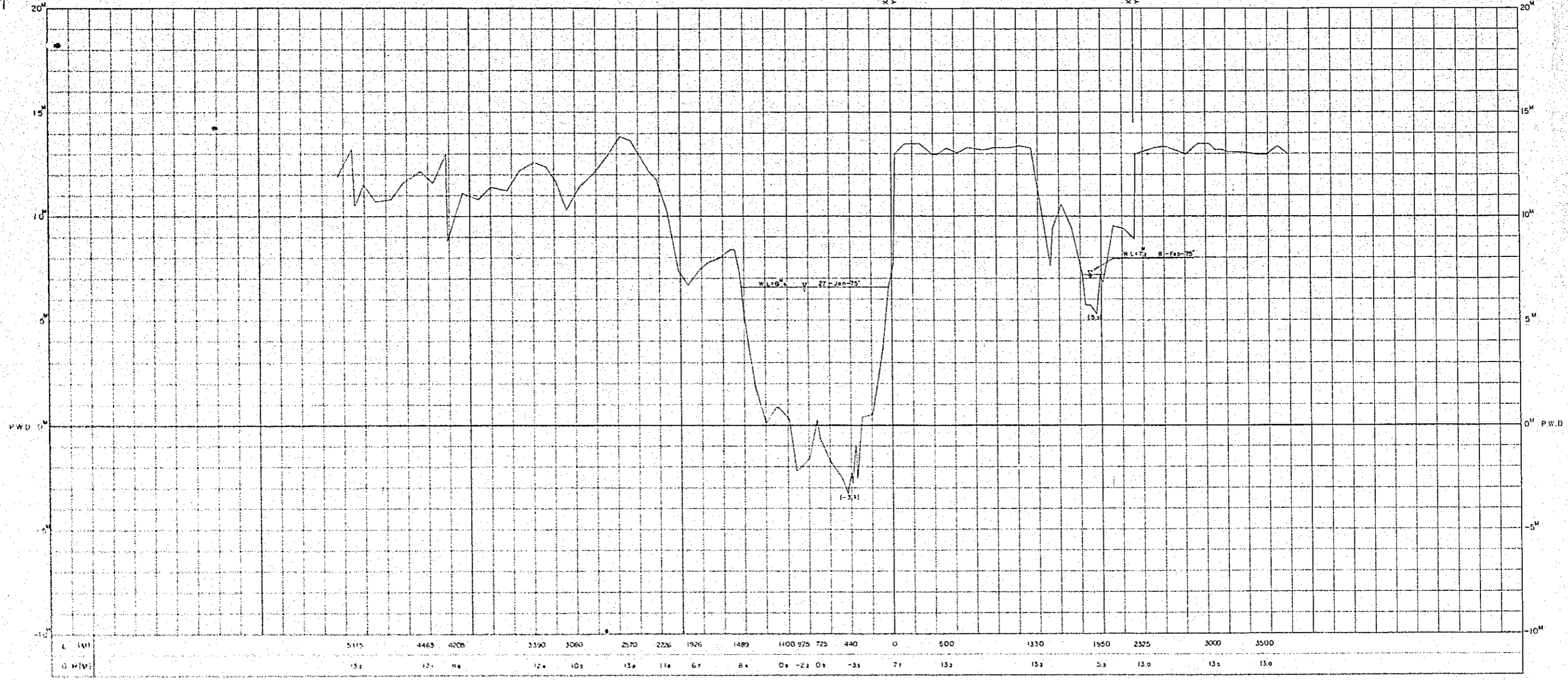
X (M)	5000	4450	4250	5000	5310	2755	2600	2200	1800	1400	1000	600	200	0	400	1000	1365	1640	1905	2400	2750	3000	3500
G.H. (M)	12.4	9.8	12.5	10.8	14.1	14.0	20	5.1	4.0	5.8	4.1	2.8	-1.4	3.0	7.1	13.5	13.4	13.2	13.0	13.4	13.9	13.3	13.2

JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO. 8	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan, Feb 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20000
1.100

X=9865.44 S-No 9
Y=7149.84

X=9851.11 S-No 9
Y=4859.11

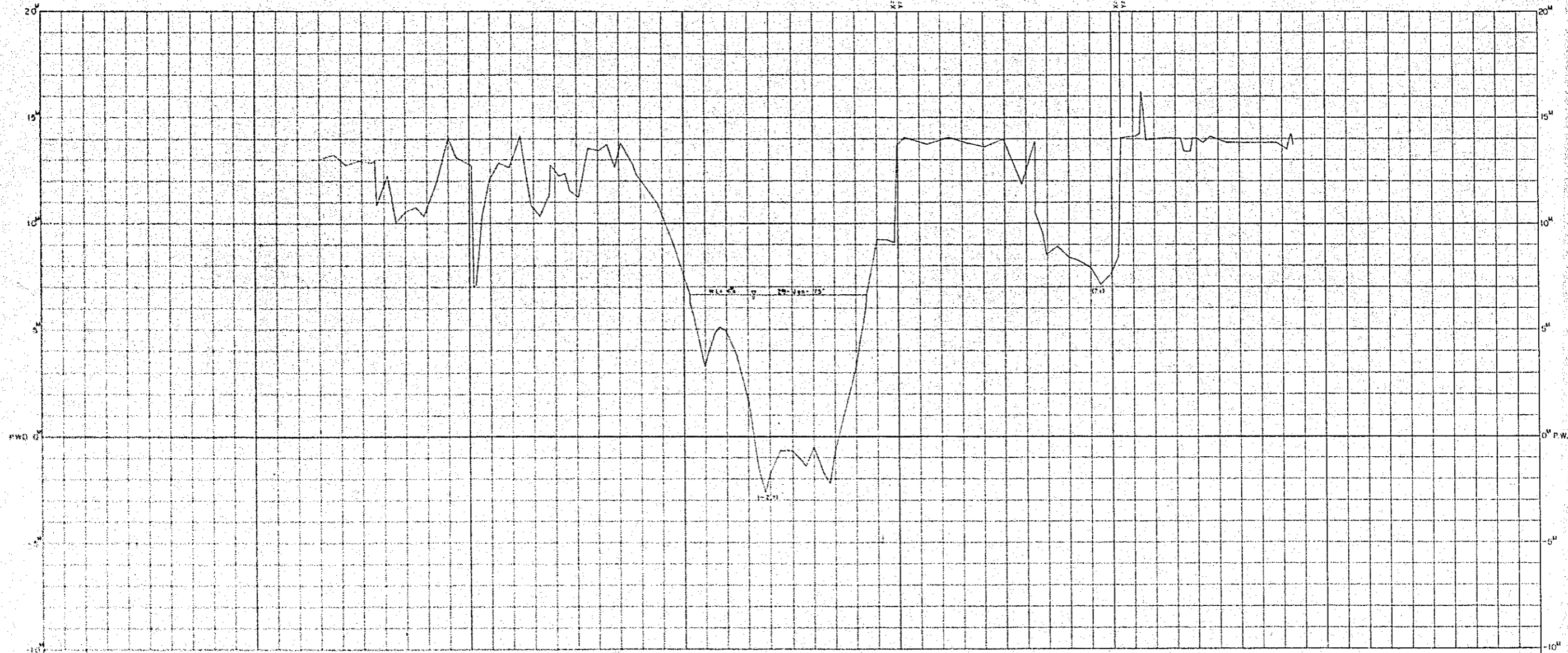


JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO. 9	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan. Feb 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20000

X: 10868.47 S- No. 10
Y: 7079.36

X: 10862.37 S- No. 10
Y: 4994.47

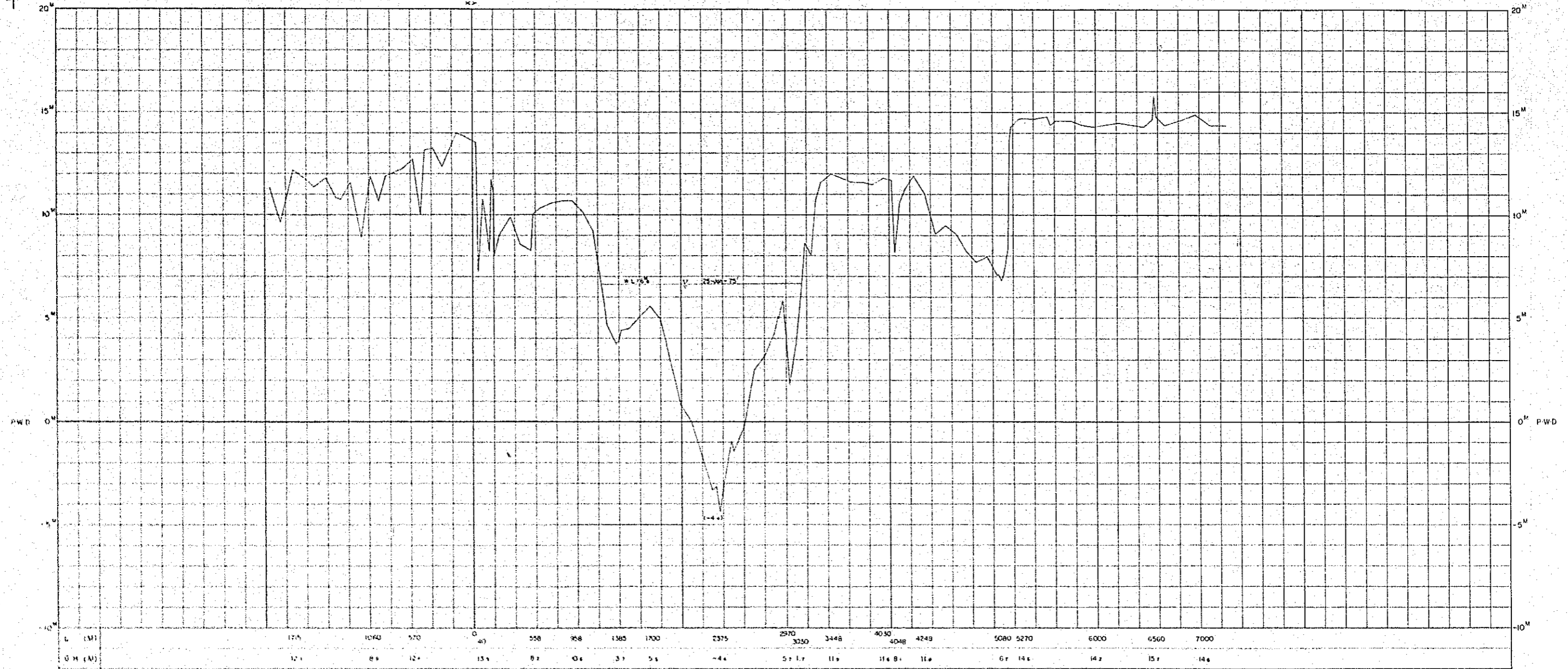


CH (M)	520	46.75	41.95	37.95	35.00	29.00	25.00	18.00	16.50	12.50	10.00	6.50	3.00	0	500	1700	1820	2015	2200	2500	3000	3500
CH (M)	13.7	10.0	14.0	7.0	14.0	11.2	13.7	3.7	5.1	-2.7	-0.7	-2.3	9.7	13.7	14.0	13.0	7.0	14.0	16.2	14.0	13.0	13.0

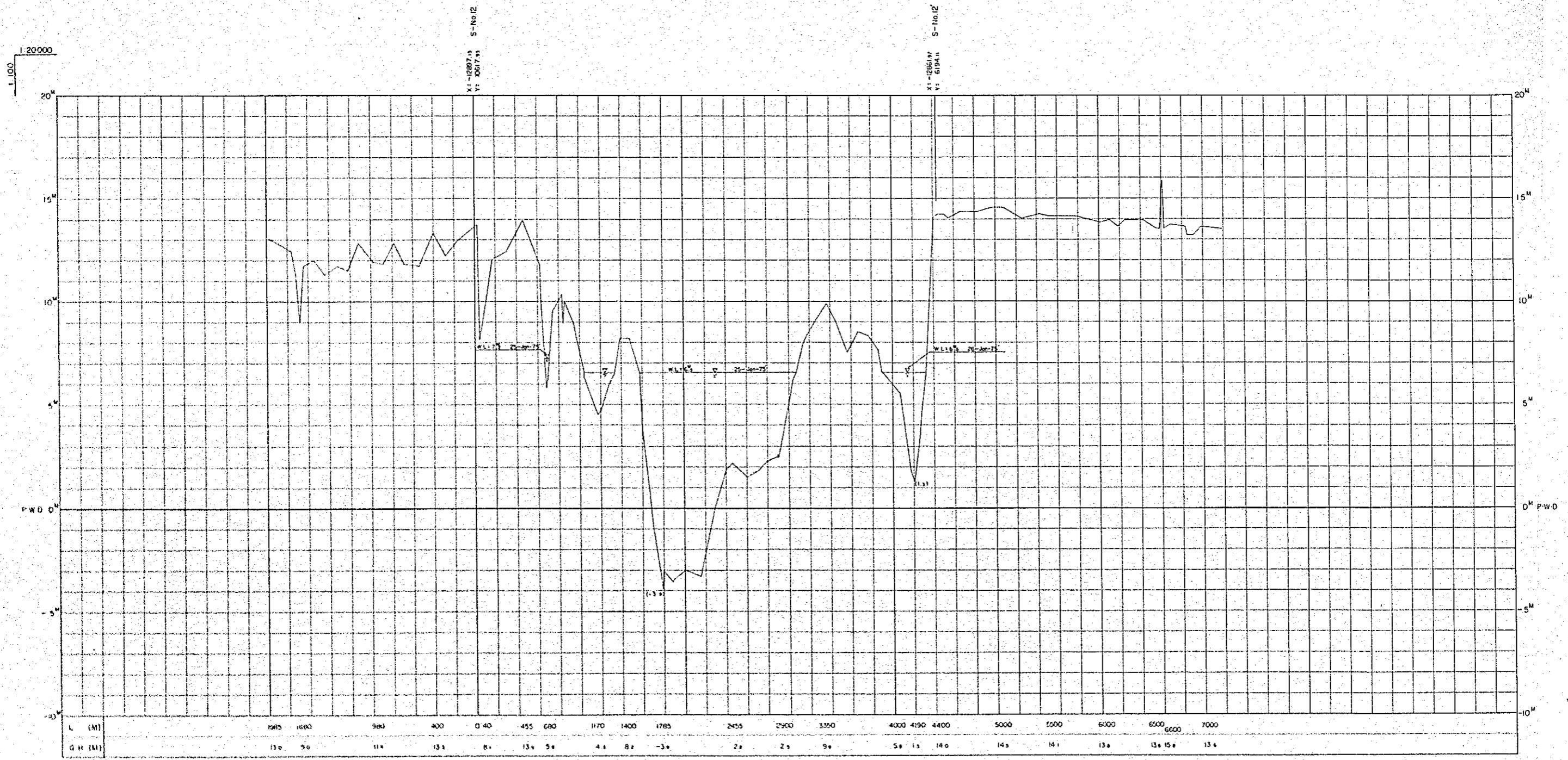
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO. 10	
SCALE H: 1:20000 V: 1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20000
1:100

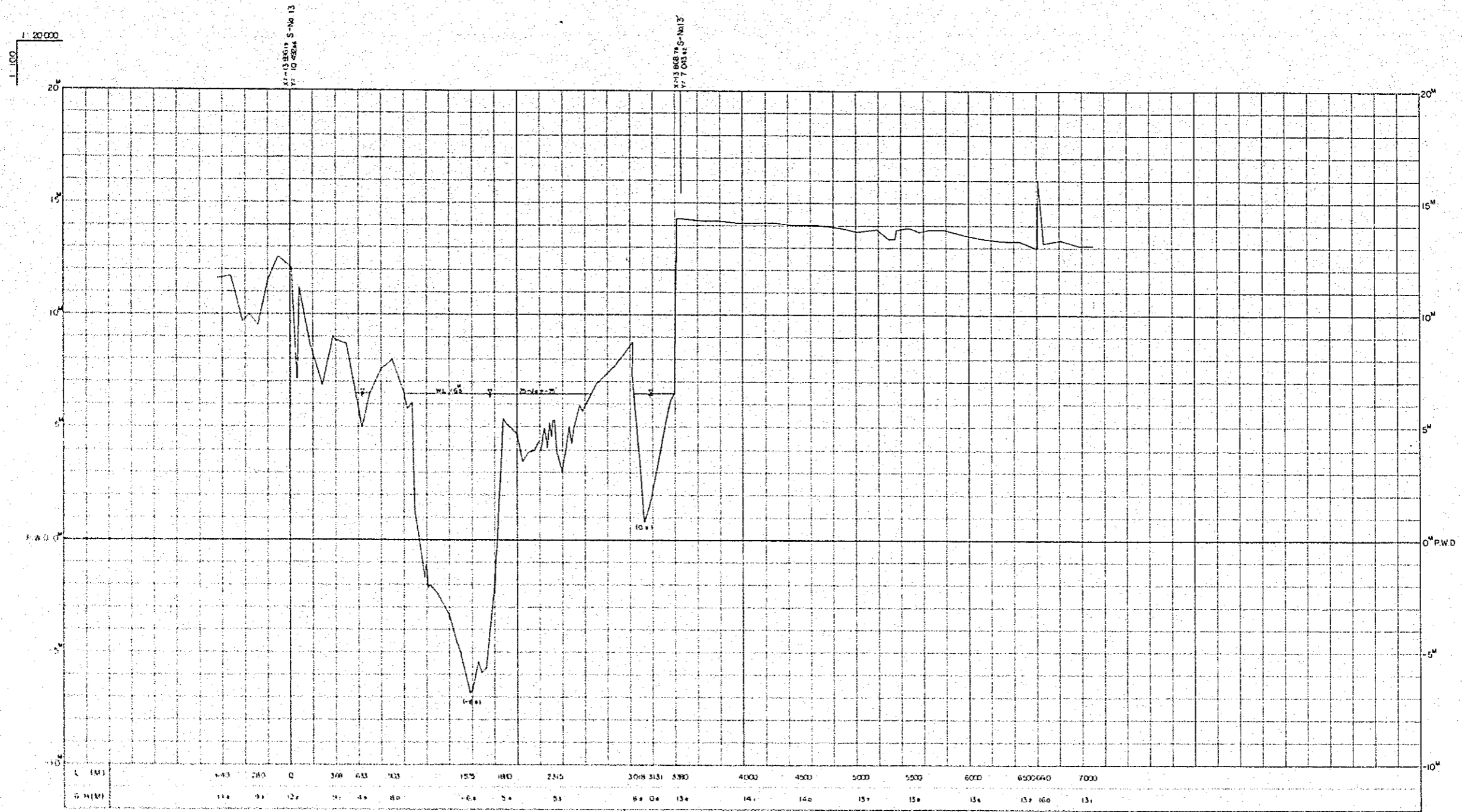
X: 1887.77 S-NO. 11
Y: 10039.14



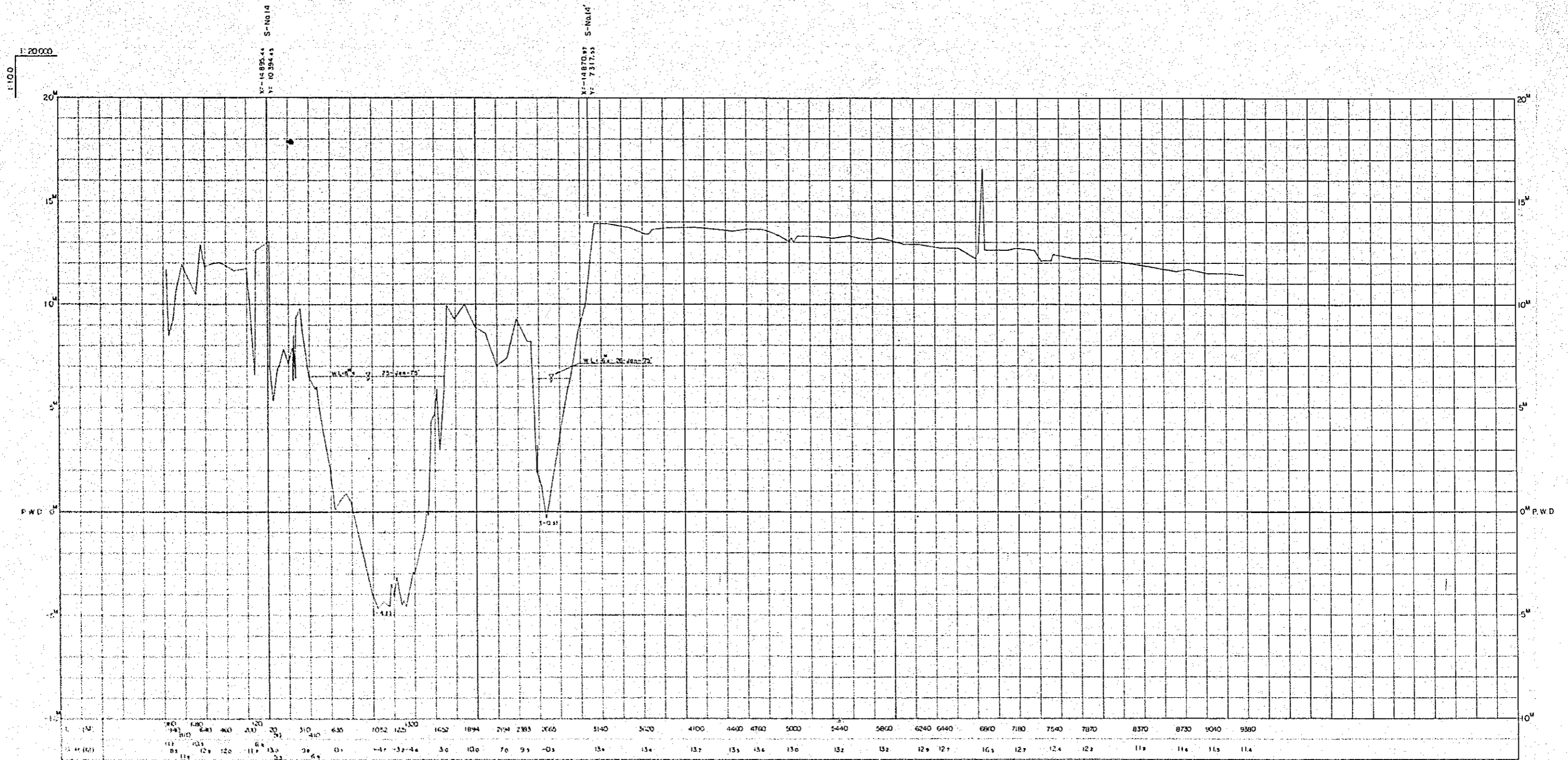
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO. 11	
SCALE	H = 1:20000 V = 1:100
SURVEYED ON	Jan. 1975
SHEET NO. Fig -	
APPROVED BY	CHECKED BY
	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.12	
SCALE H=1 20000 V=1 100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S - NO. 13	
SCALE H = 1:20000 V = 1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO. 14	
SCALE H=1: 20000 V=1: 100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1100
20000

X=15935.01 S-No.104
Y= 15 369.31

X=15912.16 S-No.103
Y= 17 495.48

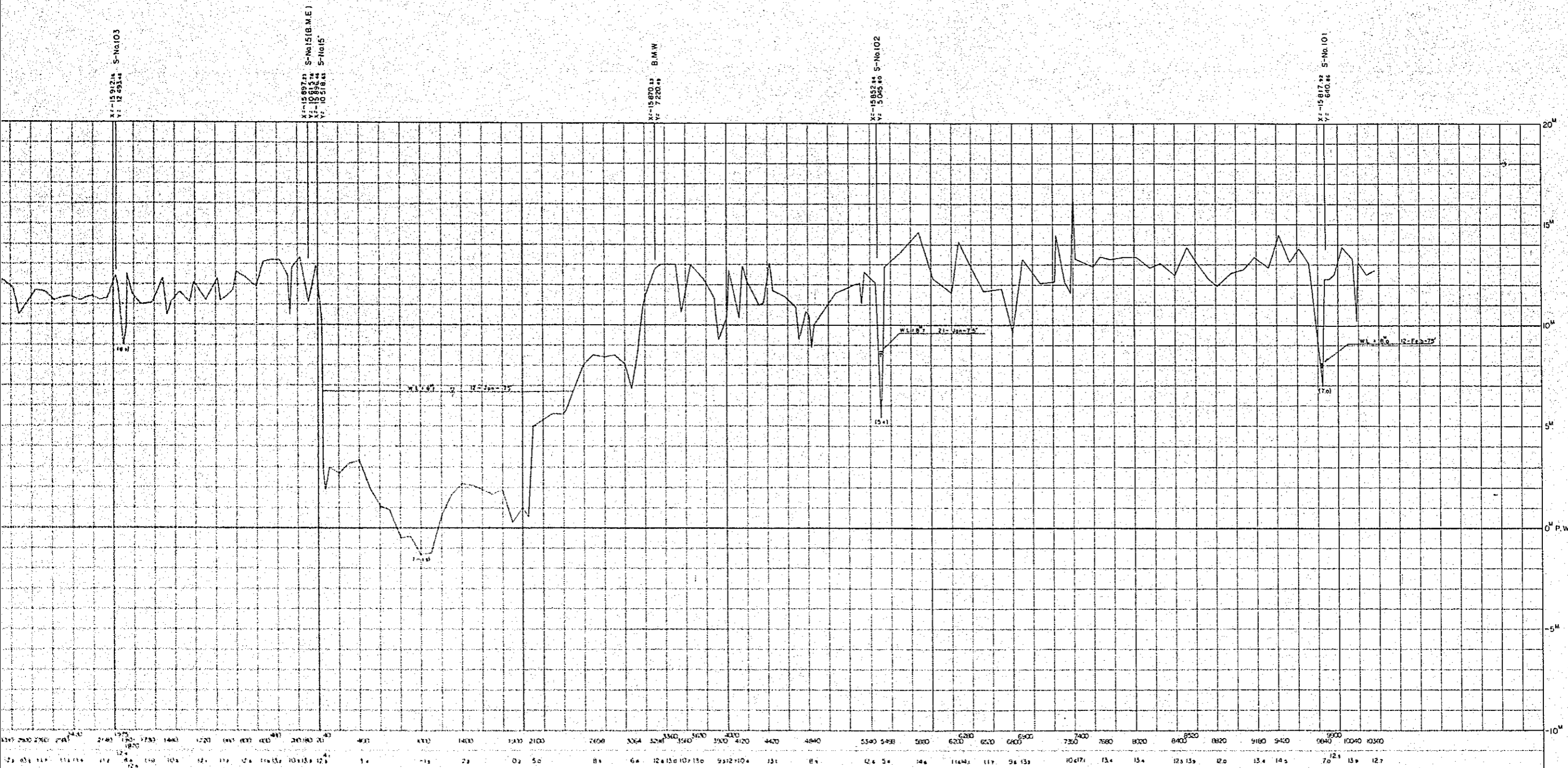
X=15897.22 S-No.15 (B.M.E.)
Y= 19 06.74
X= 15 518.43 S-No.15
Y= 10 518.43

X=15870.23 B.M.W
Y= 7 220.4

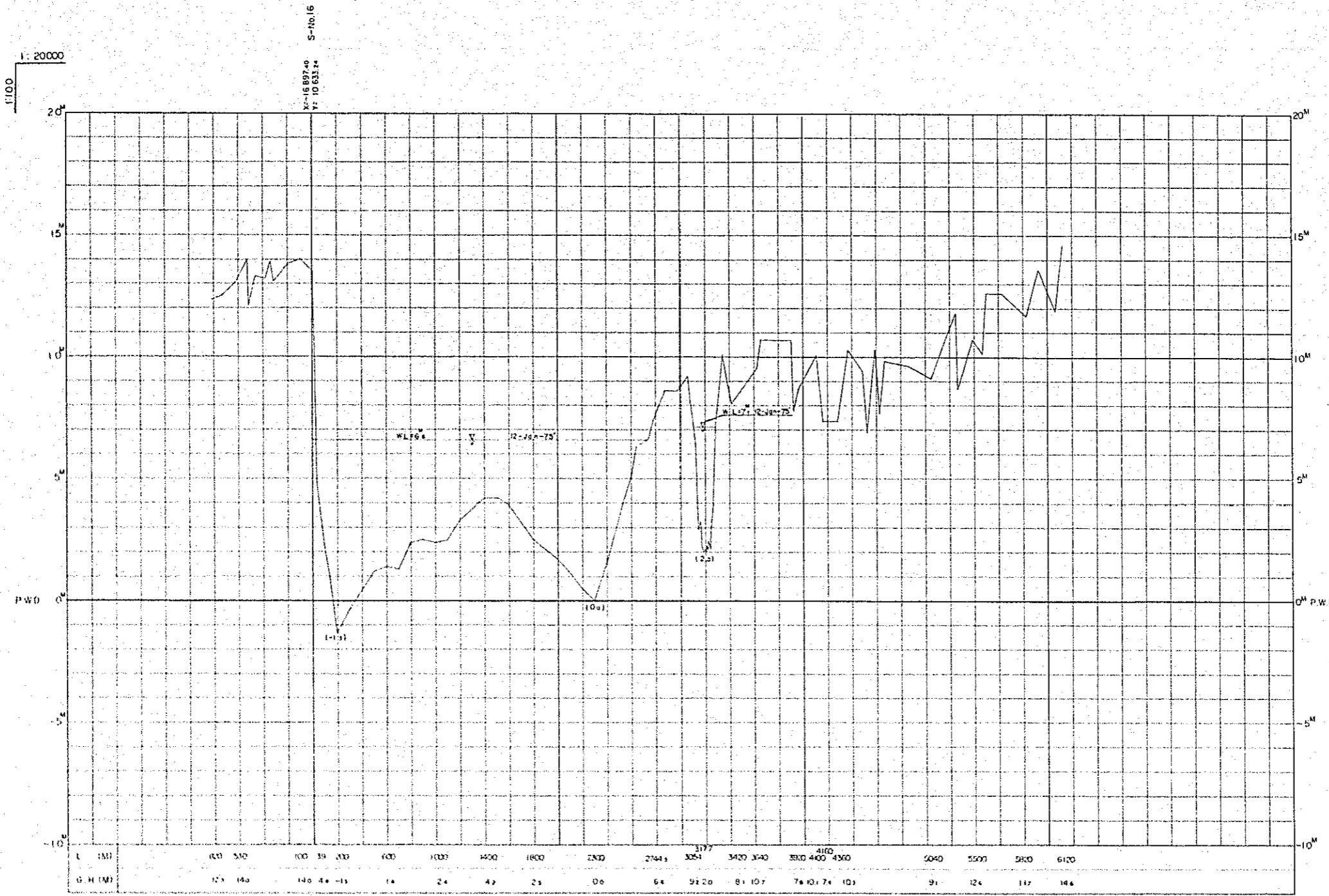
X=15852.44 S-No.102
Y= 5 045.80



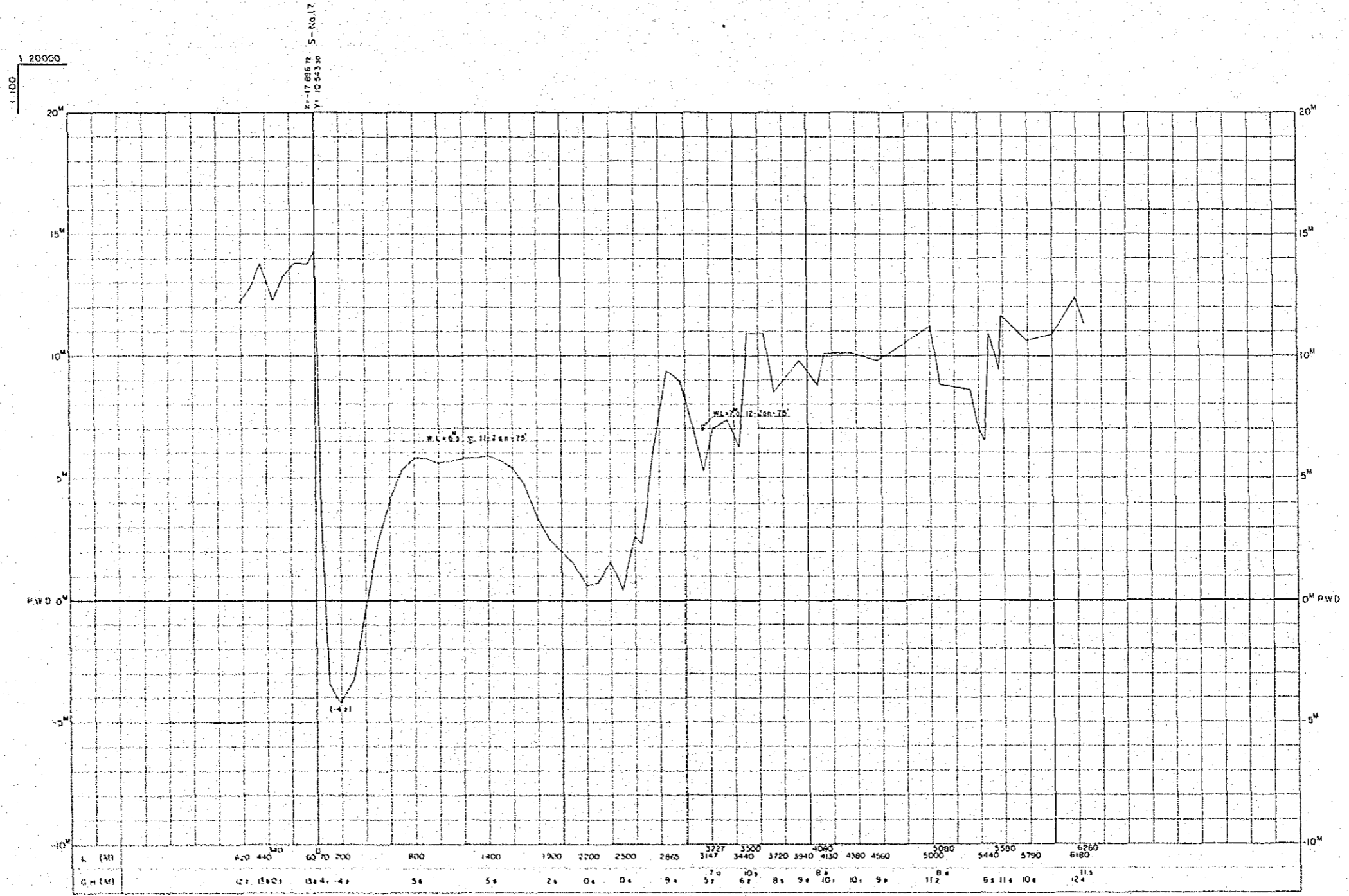
E (M) 0200 5040 5440 5440 5271 431 481 470 4340 4140 3900 3500 3300 3200 2900 2700 2500 2400 2140 1970 1870 1750 1480 1220 100 800 600 400 300 180 20 400 450 1000 1400 1500 2100 2038 3064 3298 3300 3500 3600 3500 4120 4420 4840 5340 5498 5000 6200 6500 6800
G (M) 104 110 114 114 114 48 6324 514 80 114 114 153 124 114 122 105 117 112 114 114 124 110 104 121 112 124 114 132 103 134 124 34 -13 24 03 50 85 64 124 130 107 130 94 127 104 134 84 124 54 144 114 141 117 94 135



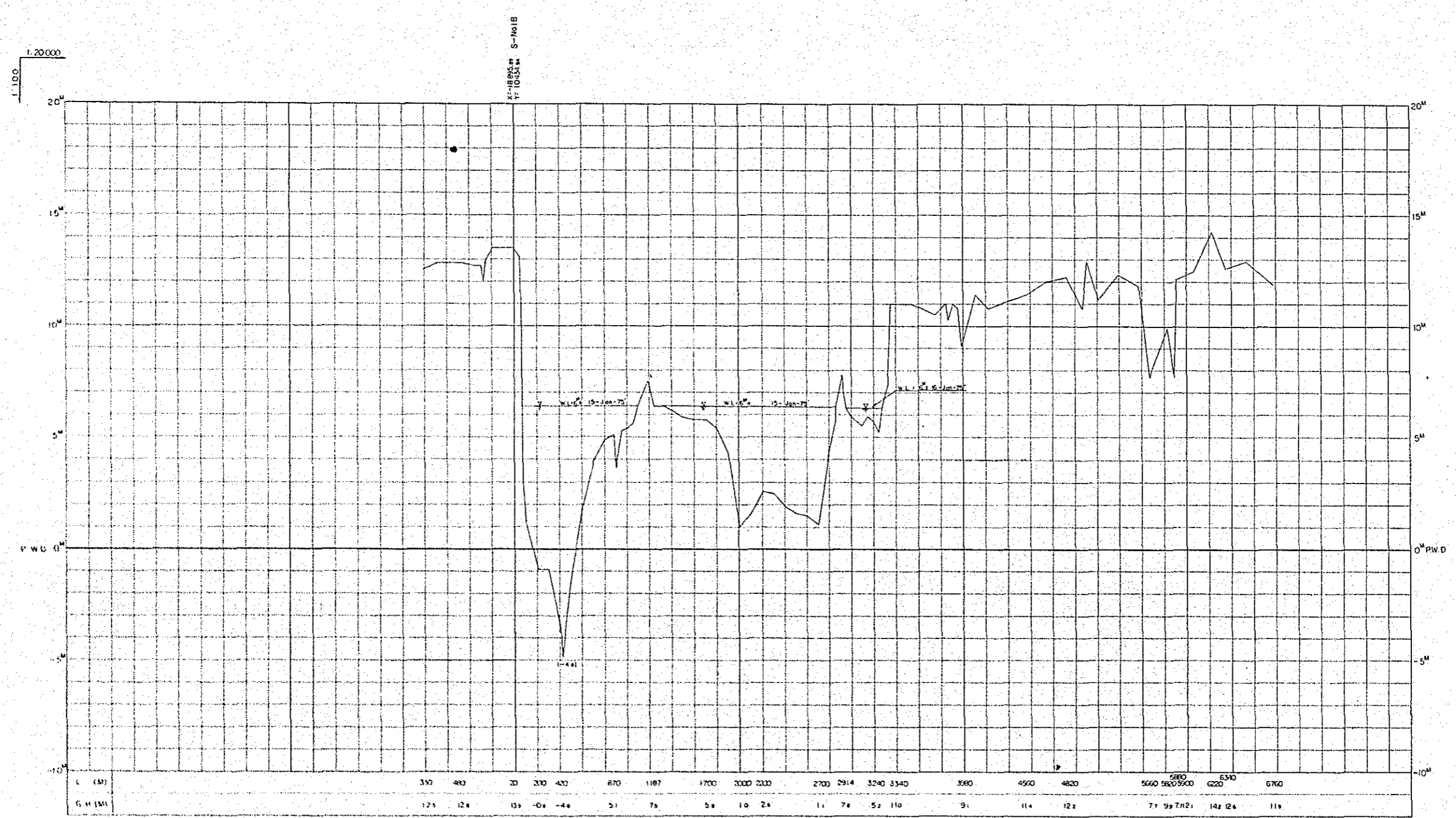
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S - NO. 15	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan, Feb, 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S - NO. 16	
SCALE	H = 1:20000 V = 1:100
SURVEYED ON	Jan. 1975
SHEET NO.	Fig -
APPROVED BY	
CHECKED BY	
DRAWN BY	
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

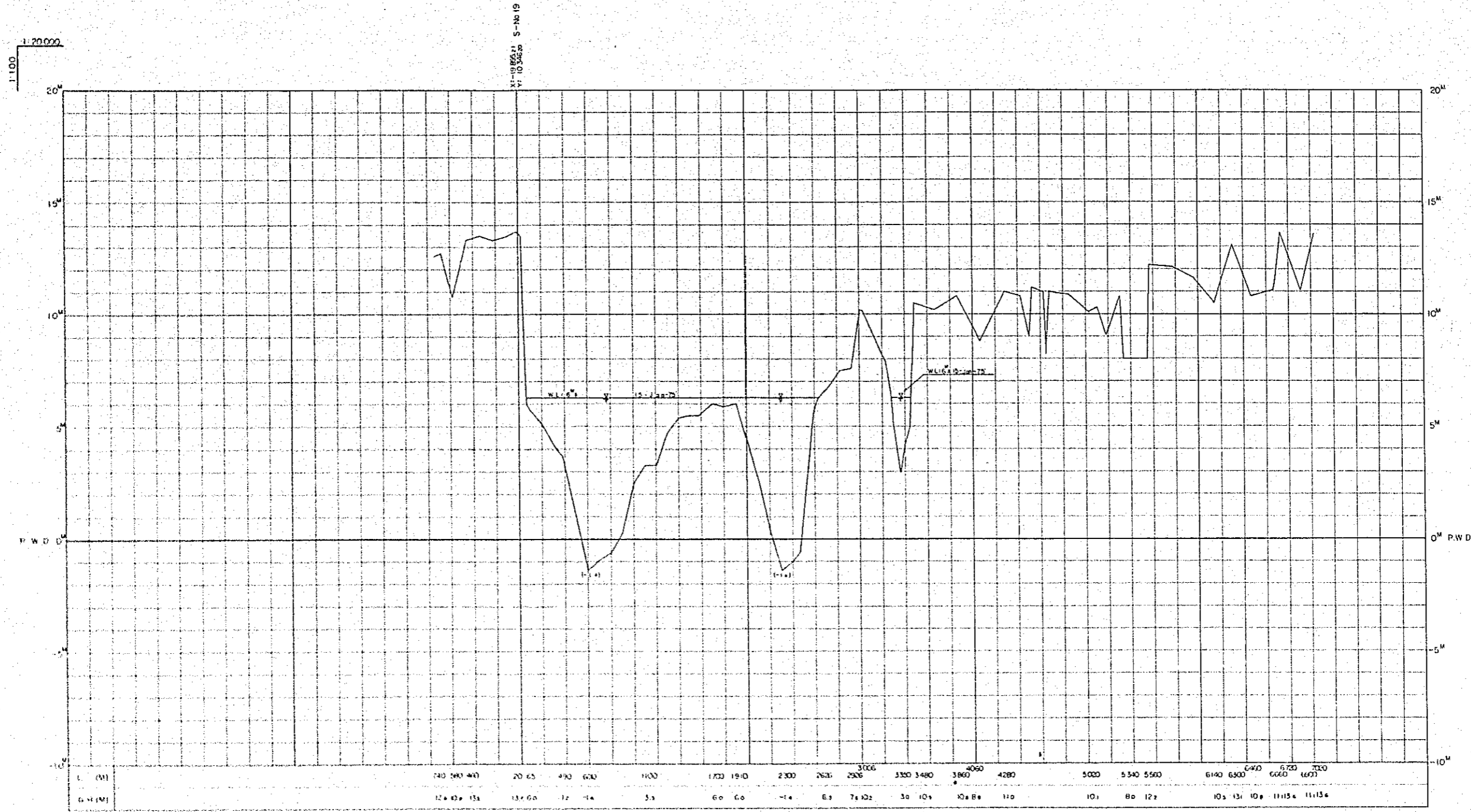


JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.17	
SCALE H=1:20000	APPROVED BY
V=1:100	CHECKED BY
SURVEYED ON Jan. 1975	DRAWN BY
SHEET NO. Fig -	
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

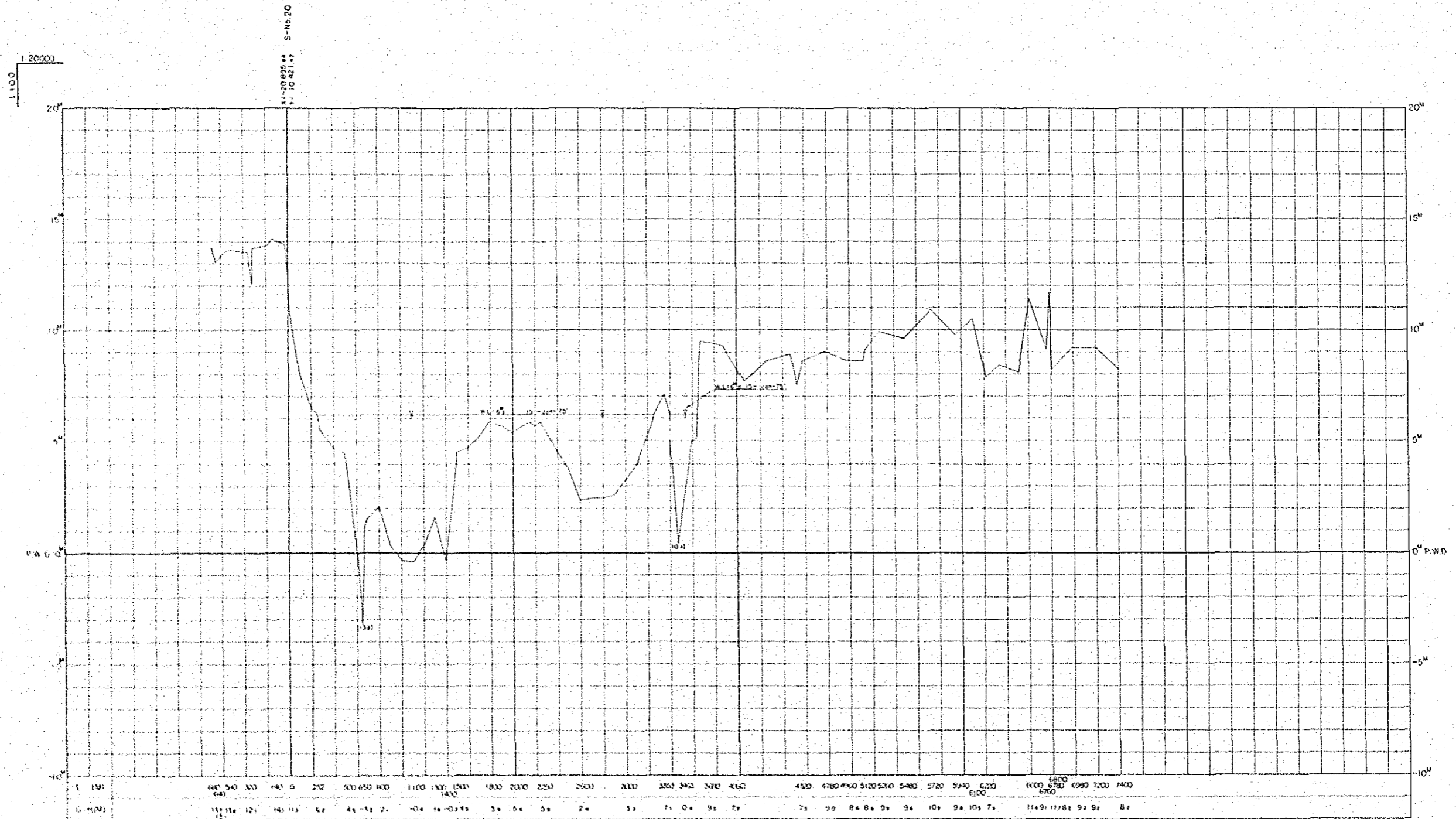


L (M)	330	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000	6100	6200	6300	6400	6500	6600	6700																																																																																																																				
G. H. (M)	12.5	12.4	13.5	13.8	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.3	16.6	16.9	17.2	17.5	17.8	18.1	18.4	18.7	19.0	19.3	19.6	19.9	20.2	20.5	20.8	21.1	21.4	21.7	22.0	22.3	22.6	22.9	23.2	23.5	23.8	24.1	24.4	24.7	25.0	25.3	25.6	25.9	26.2	26.5	26.8	27.1	27.4	27.7	28.0	28.3	28.6	28.9	29.2	29.5	29.8	30.1	30.4	30.7	31.0	31.3	31.6	31.9	32.2	32.5	32.8	33.1	33.4	33.7	34.0	34.3	34.6	34.9	35.2	35.5	35.8	36.1	36.4	36.7	37.0	37.3	37.6	37.9	38.2	38.5	38.8	39.1	39.4	39.7	40.0	40.3	40.6	40.9	41.2	41.5	41.8	42.1	42.4	42.7	43.0	43.3	43.6	43.9	44.2	44.5	44.8	45.1	45.4	45.7	46.0	46.3	46.6	46.9	47.2	47.5	47.8	48.1	48.4	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.1	51.4	51.7	52.0	52.3	52.6	52.9	53.2	53.5	53.8	54.1	54.4	54.7	55.0	55.3	55.6	55.9	56.2	56.5	56.8	57.1	57.4	57.7	58.0	58.3	58.6	58.9	59.2	59.5	59.8	60.1	60.4	60.7	61.0	61.3	61.6	61.9	62.2	62.5	62.8	63.1	63.4	63.7	64.0	64.3	64.6	64.9	65.2	65.5	65.8	66.1	66.4	66.7	67.0

JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO. 18	
SCALE	H = 1: 20000 V = 1: 100
SURVEYED ON	Jan. 1975
SHEET NO. Fig -	
APPROVED BY	CHECKED BY
	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



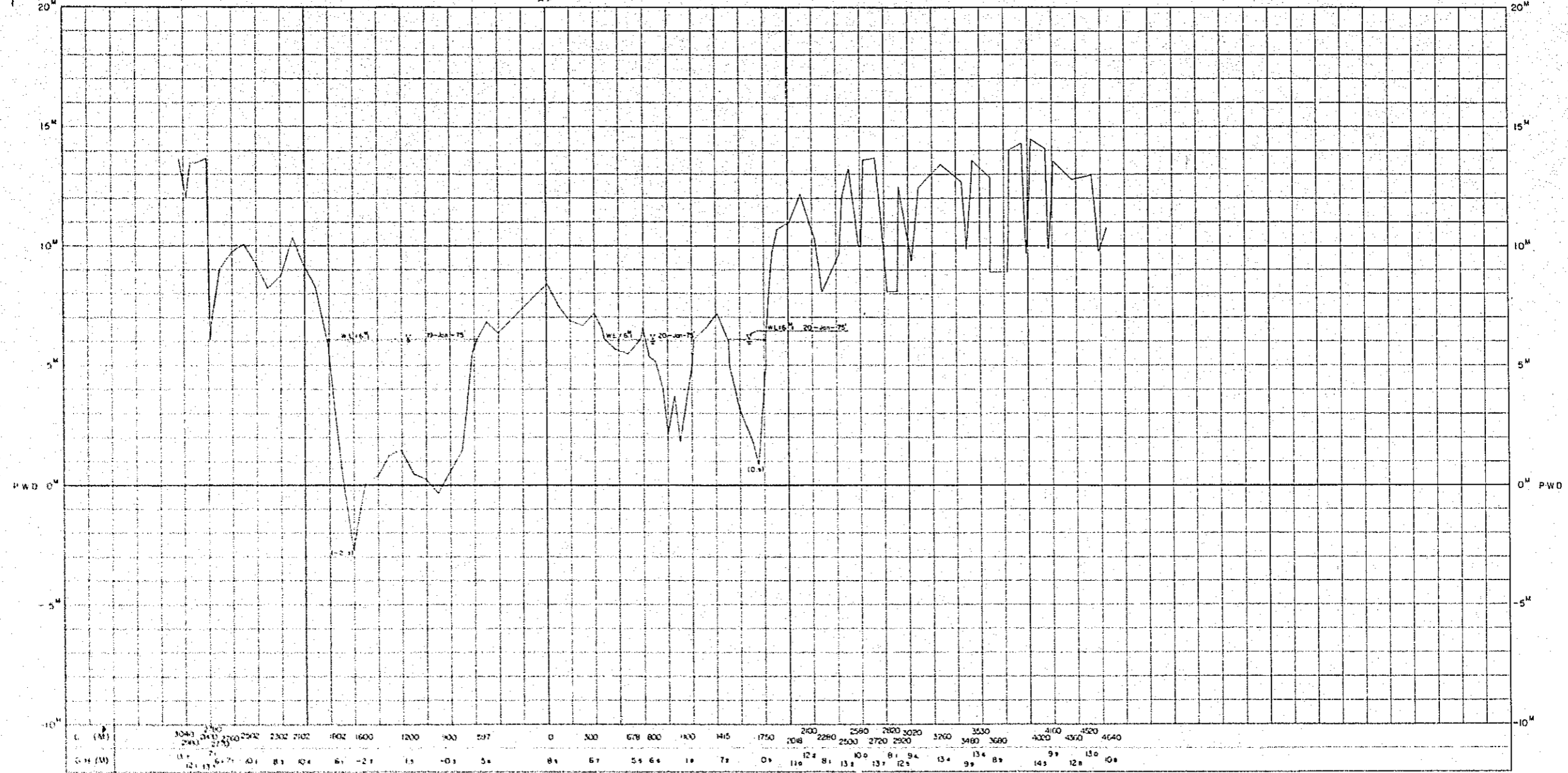
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO. 19	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO. 20	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20000
1:100

X-26767 S-NO.21
V- 60577

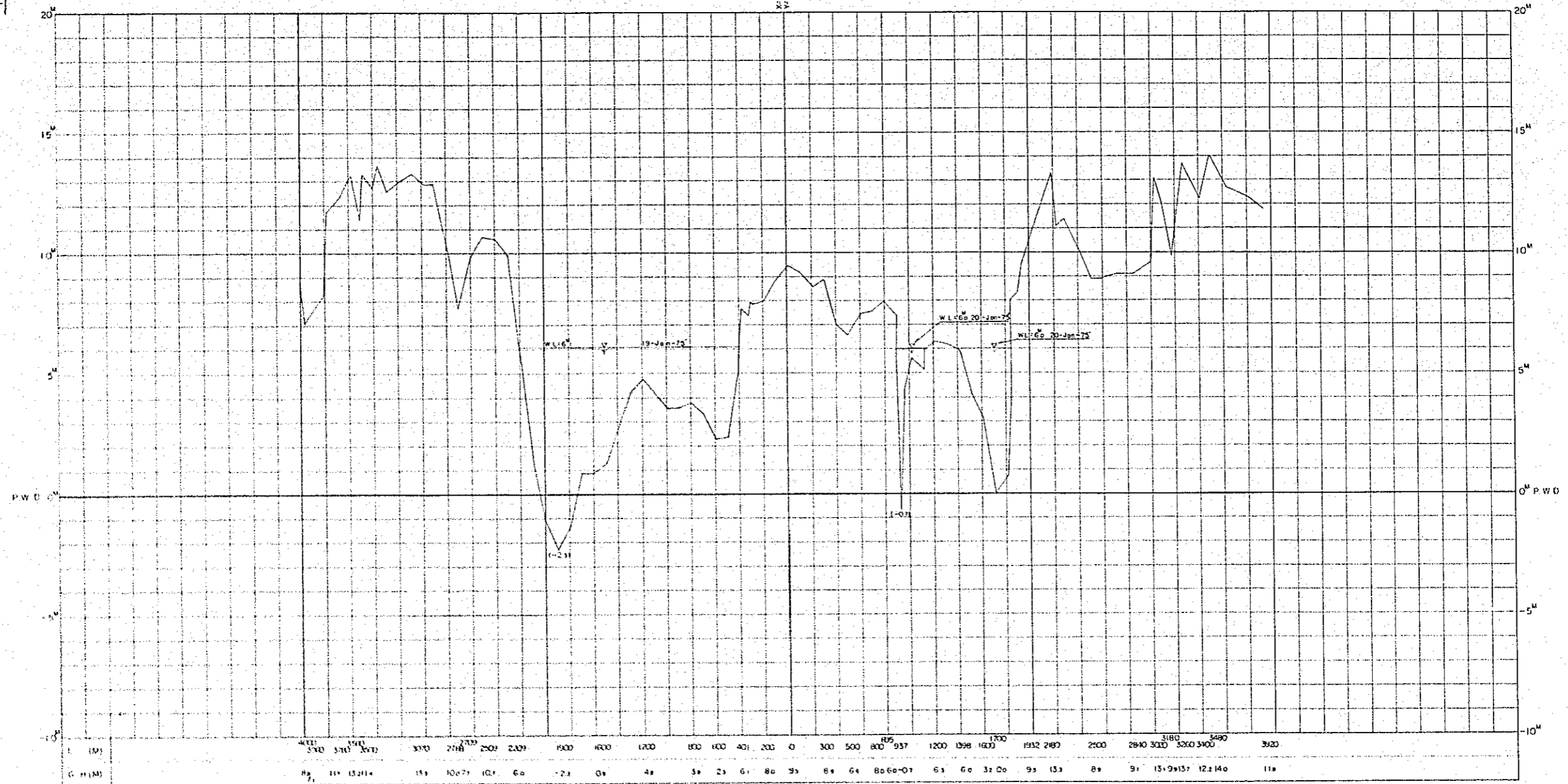


S.M.	1040	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4640	
P.W.D. (M)	11.5	11.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5

JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.21	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan, 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

H=1:20000
V=1:100

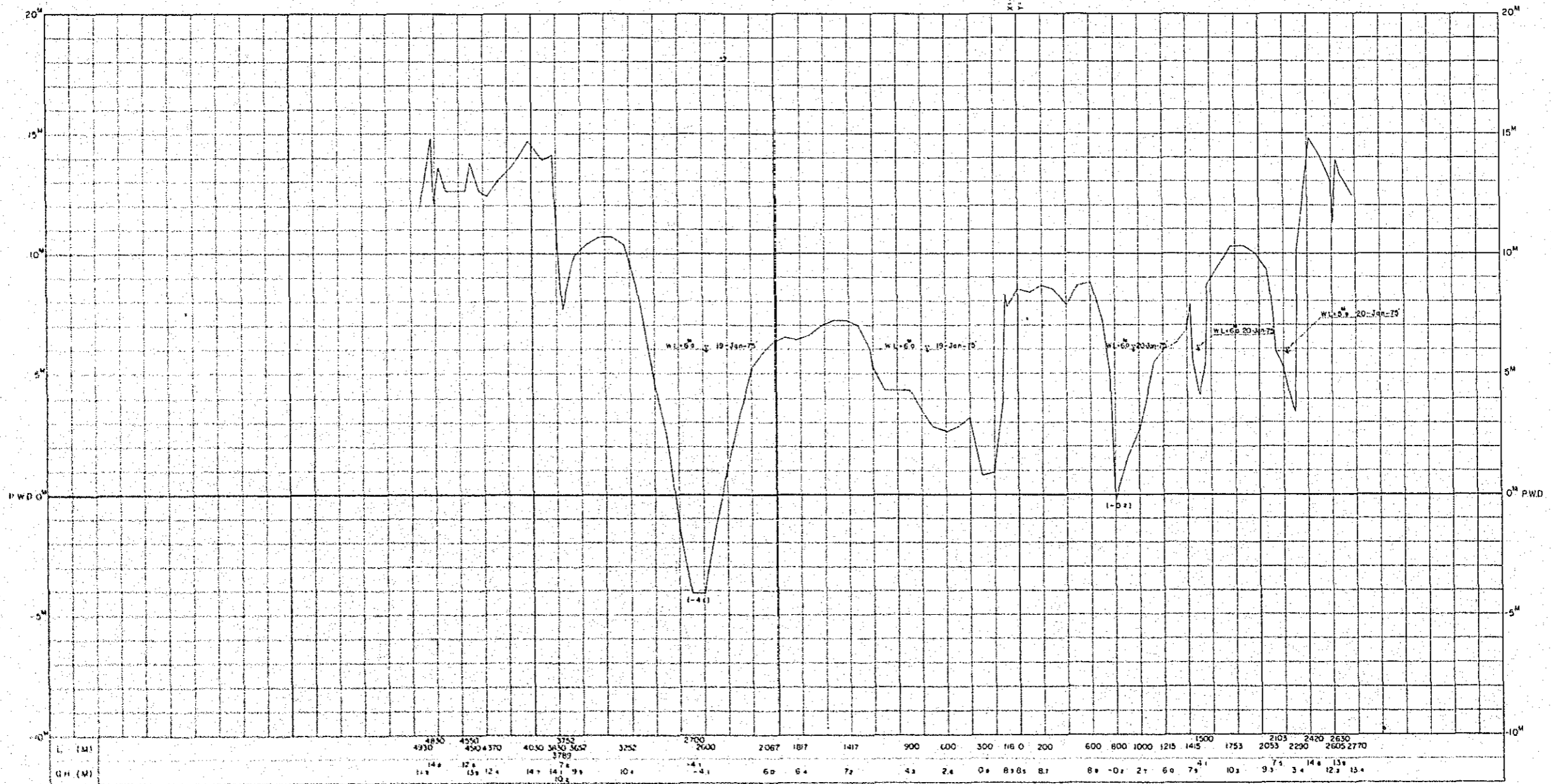
S-NO. 22
V=1:100
H=1:20000



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO. 22	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. F: g -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20,000

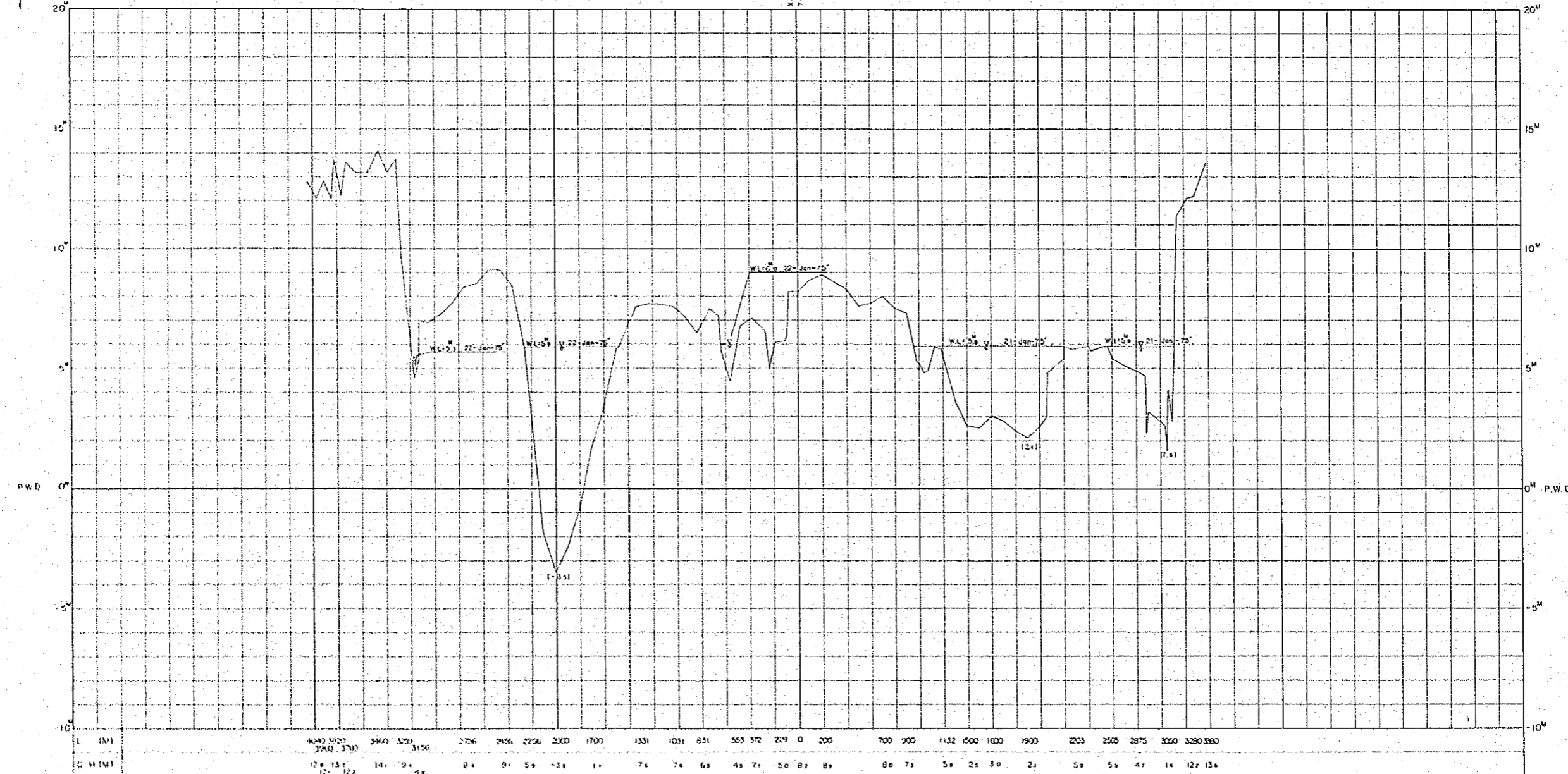
X: 23864.4 S: 16.23
Y: 6434.50



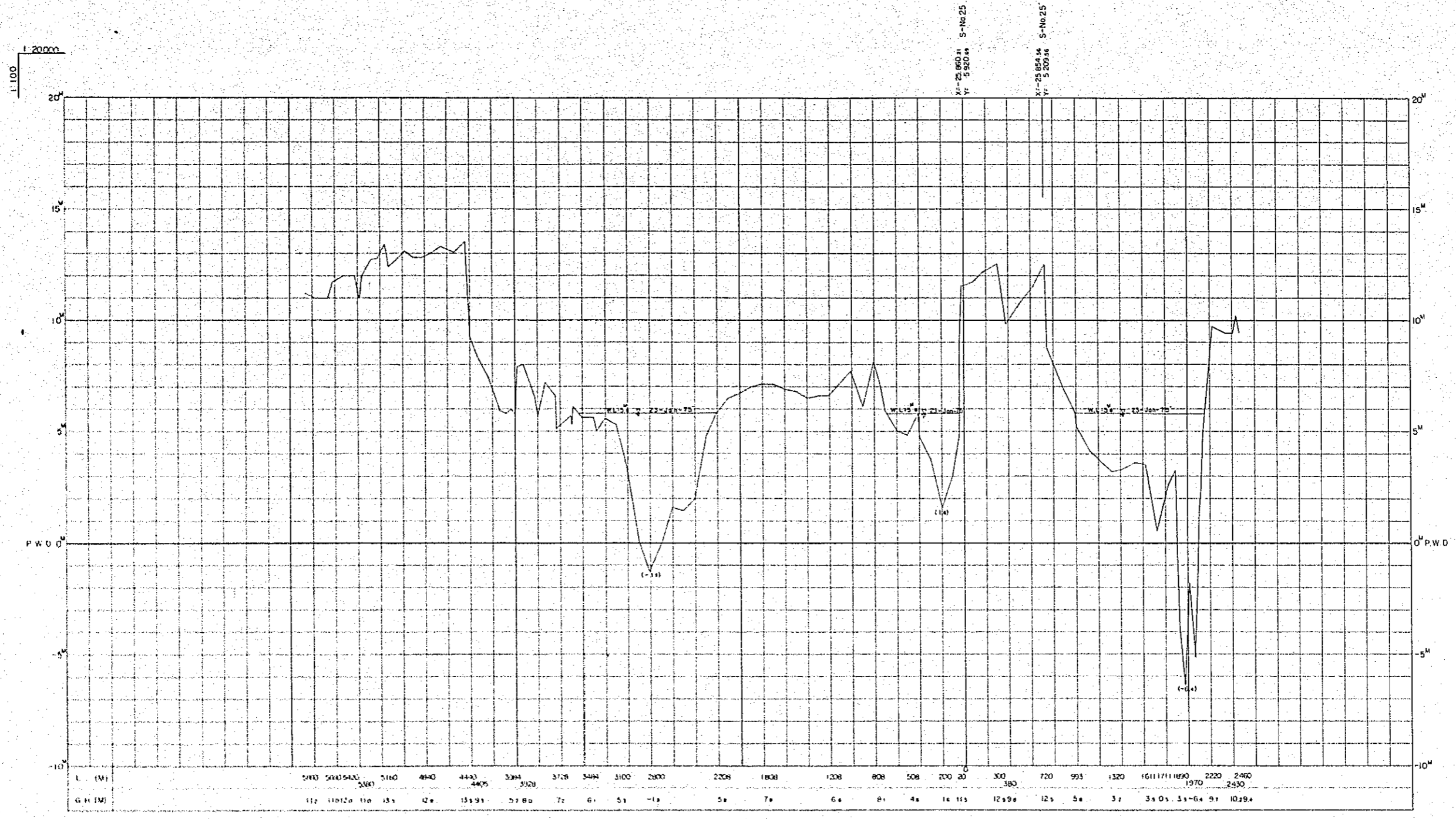
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.23	
SCALE H=1:20 000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:100
1:20000

X-24 858.14 S-10.24
Y-2 6949.85



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO. 24	
SCALE	H= 1:20000 V= 1:100
SURVEYED ON	Jan. 1975
SHEET NO. Fig -	
APPROVED BY	CHECKED BY
DRAWN BY	
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

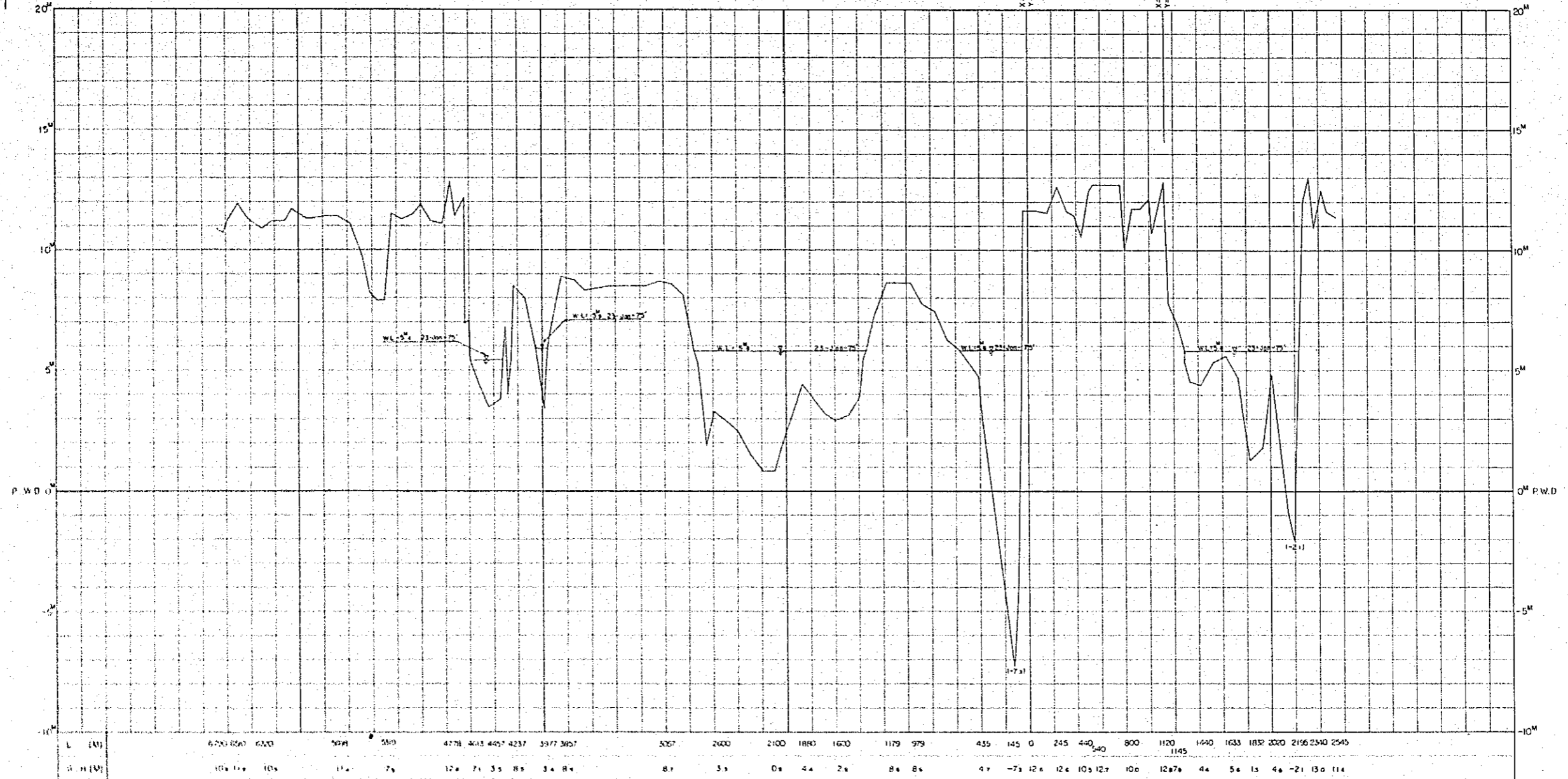


X: 25 850.71 S-No.25
Y: 5 920.44

X: 25 854.44 S-No.25
Y: 5 920.44

JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO. 25	
SCALE H=1: 20 000 V=1: 100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:20000

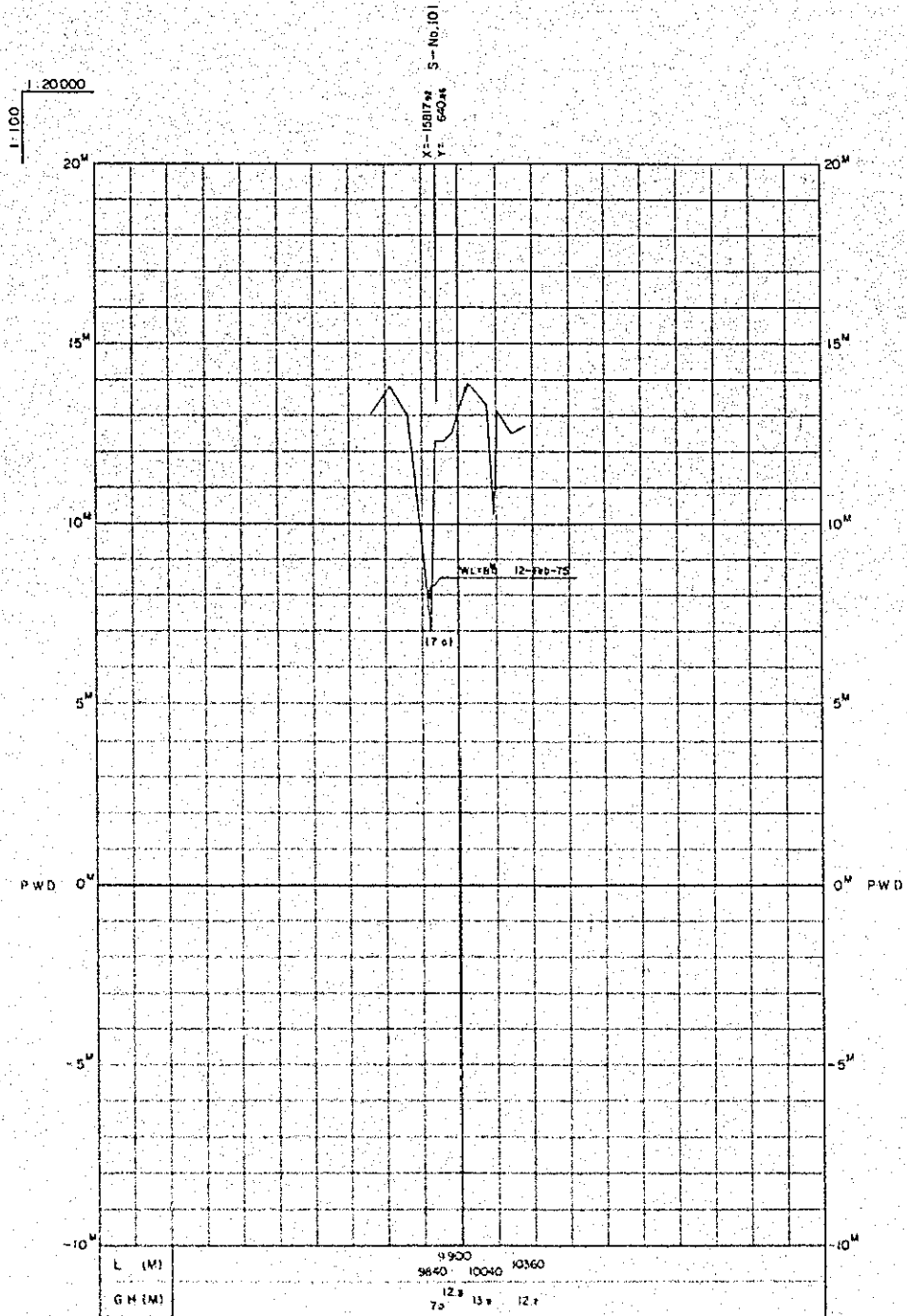


X: 56 850 M S-NO. 26
Y: 5 860 M

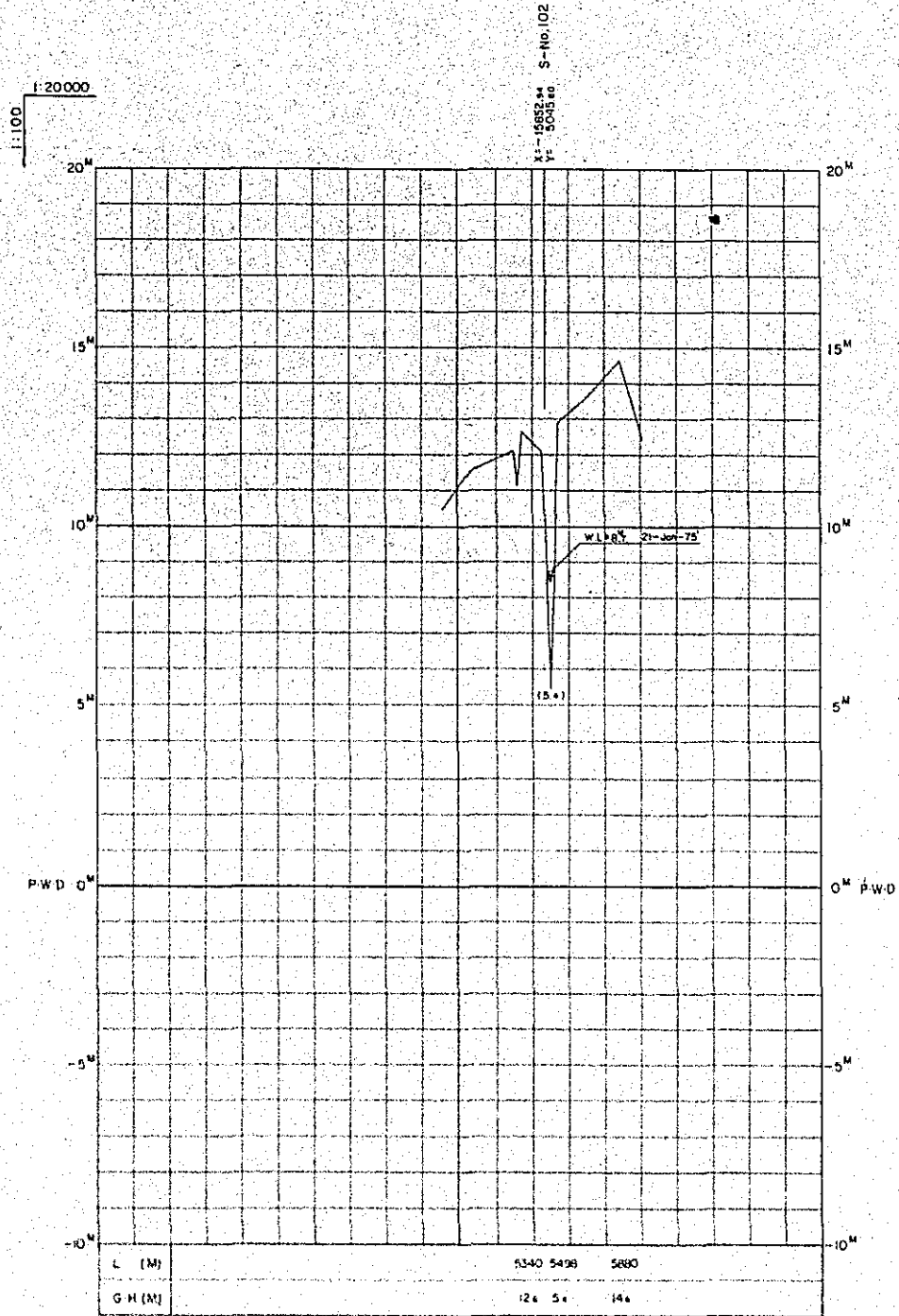
X: 56 850 M S-NO. 26
Y: 4 730 M

L (M)	6200	6260	6320	6380	6440	6500	6560	6620	6680	6740	6800	6860	6920	6980	7040	7100	7160	7220	7280	7340	7400	7460	7520	7580	7640	7700	7760	7820	7880	7940	8000	8060	8120	8180	8240	8300	8360	8420	8480	8540	8600	8660	8720	8780	8840	8900	8960	9020	9080	9140	9200	9260	9320	9380	9440	9500	9560	9620	9680	9740	9800	9860	9920	9980	10040	10100	10160	10220	10280	10340	10400	10460	10520	10580	10640	10700	10760	10820	10880	10940	11000	11060	11120	11180	11240	11300	11360	11420	11480	11540	11600	11660	11720	11780	11840	11900	11960	12020	12080	12140	12200	12260	12320	12380	12440	12500	12560	12620	12680	12740	12800	12860	12920	12980	13040	13100	13160	13220	13280	13340	13400	13460	13520	13580	13640	13700	13760	13820	13880	13940	14000	14060	14120	14180	14240	14300	14360	14420	14480	14540	14600	14660	14720	14780	14840	14900	14960	15020	15080	15140	15200	15260	15320	15380	15440	15500	15560	15620	15680	15740	15800	15860	15920	15980	16040	16100	16160	16220	16280	16340	16400	16460	16520	16580	16640	16700	16760	16820	16880	16940	17000	17060	17120	17180	17240	17300	17360	17420	17480	17540	17600	17660	17720	17780	17840	17900	17960	18020	18080	18140	18200	18260	18320	18380	18440	18500	18560	18620	18680	18740	18800	18860	18920	18980	19040	19100	19160	19220	19280	19340	19400	19460	19520	19580	19640	19700	19760	19820	19880	19940	20000	20060	20120	20180	20240	20300	20360	20420	20480	20540	20600	20660	20720	20780	20840	20900	20960	21020	21080	21140	21200	21260	21320	21380	21440	21500	21560	21620	21680	21740	21800	21860	21920	21980	22040	22100	22160	22220	22280	22340	22400	22460	22520	22580	22640	22700	22760	22820	22880	22940	23000	23060	23120	23180	23240	23300	23360	23420	23480	23540	23600	23660	23720	23780	23840	23900	23960	24020	24080	24140	24200	24260	24320	24380	24440	24500	24560	24620	24680	24740	24800	24860	24920	24980	25040	25100	25160	25220	25280	25340	25400	25460	25520	25580	25640	25700	25760	25820	25880	25940	26000	26060	26120	26180	26240	26300	26360	26420	26480	26540	26600	26660	26720	26780	26840	26900	26960	27020	27080	27140	27200	27260	27320	27380	27440	27500	27560	27620	27680	27740	27800	27860	27920	27980	28040	28100	28160	28220	28280	28340	28400	28460	28520	28580	28640	28700	28760	28820	28880	28940	29000	29060	29120	29180	29240	29300	29360	29420	29480	29540	29600	29660	29720	29780	29840	29900	29960	30020	30080	30140	30200	30260	30320	30380	30440	30500	30560	30620	30680	30740	30800	30860	30920	30980	31040	31100	31160	31220	31280	31340	31400	31460	31520	31580	31640	31700	31760	31820	31880	31940	32000
R. H. (M)	10.2	10.5	10.8	11.2	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	45.5	46.0	46.5	47.0	47.5	48.0	48.5	49.0	49.5	50.0	50.5	51.0	51.5	52.0	52.5	53.0	53.5	54.0	54.5	55.0	55.5	56.0	56.5	57.0	57.5	58.0	58.5	59.0	59.5	60.0	60.5	61.0	61.5	62.0	62.5	63.0	63.5	64.0	64.5	65.0	65.5	66.0	66.5	67.0	67.5	68.0	68.5	69.0	69.5	70.0	70.5	71.0	71.5	72.0	72.5	73.0	73.5	74.0	74.5	75.0	75.5	76.0	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5	81.0	81.5	82.0	82.5	83.0	83.5	84.0	84.5	85.0	85.5	86.0	86.5	87.0	87.5	88.0	88.5	89.0	89.5	90.0	90.5	91.0	91.5	92.0	92.5	93.0	93.5	94.0	94.5	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5	99.0	99.5	100.0																																																																																																																																																																																																																																																									

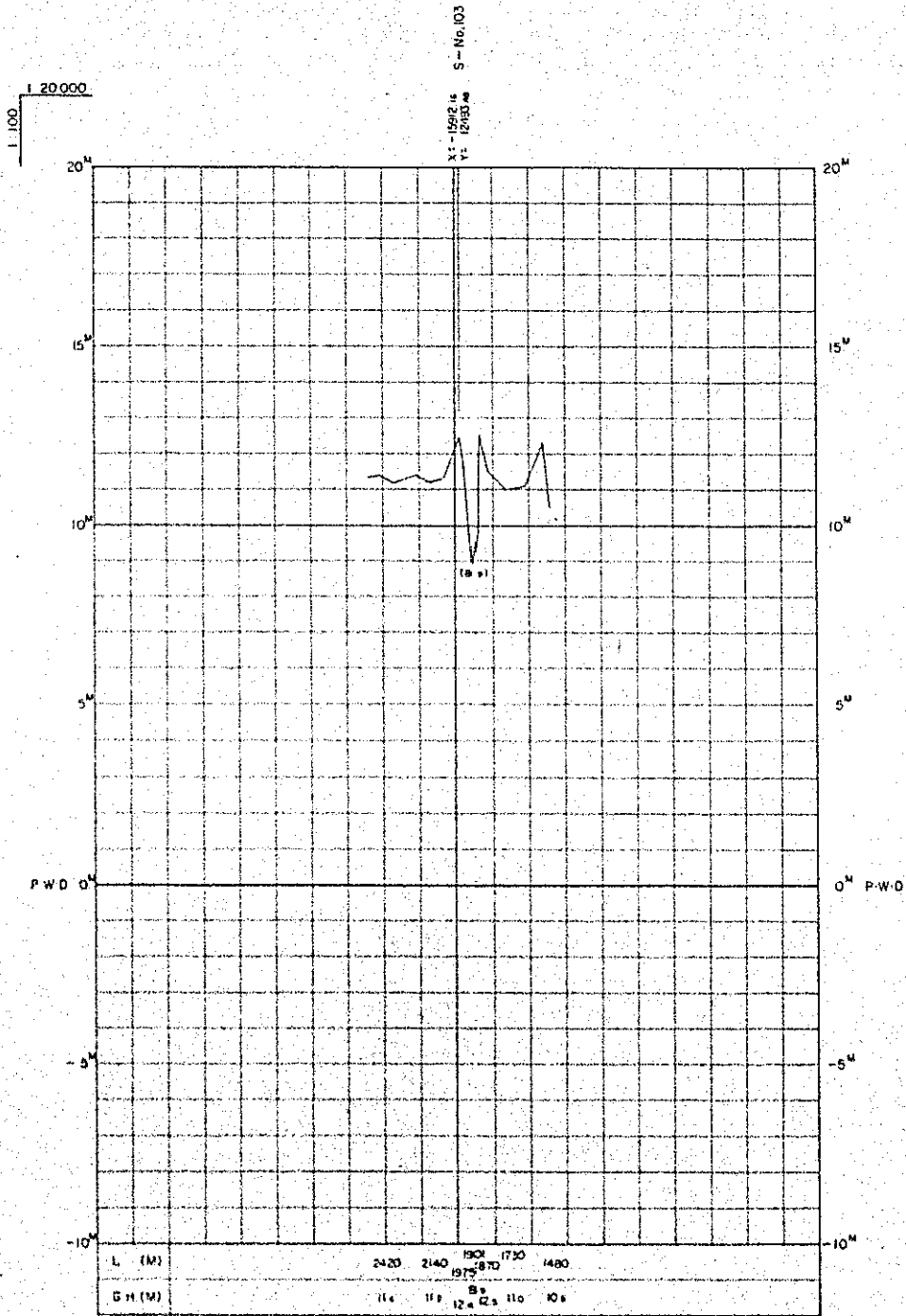
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S - NO. 26	
SCALE H: 1: 20 000 V: 1: 100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



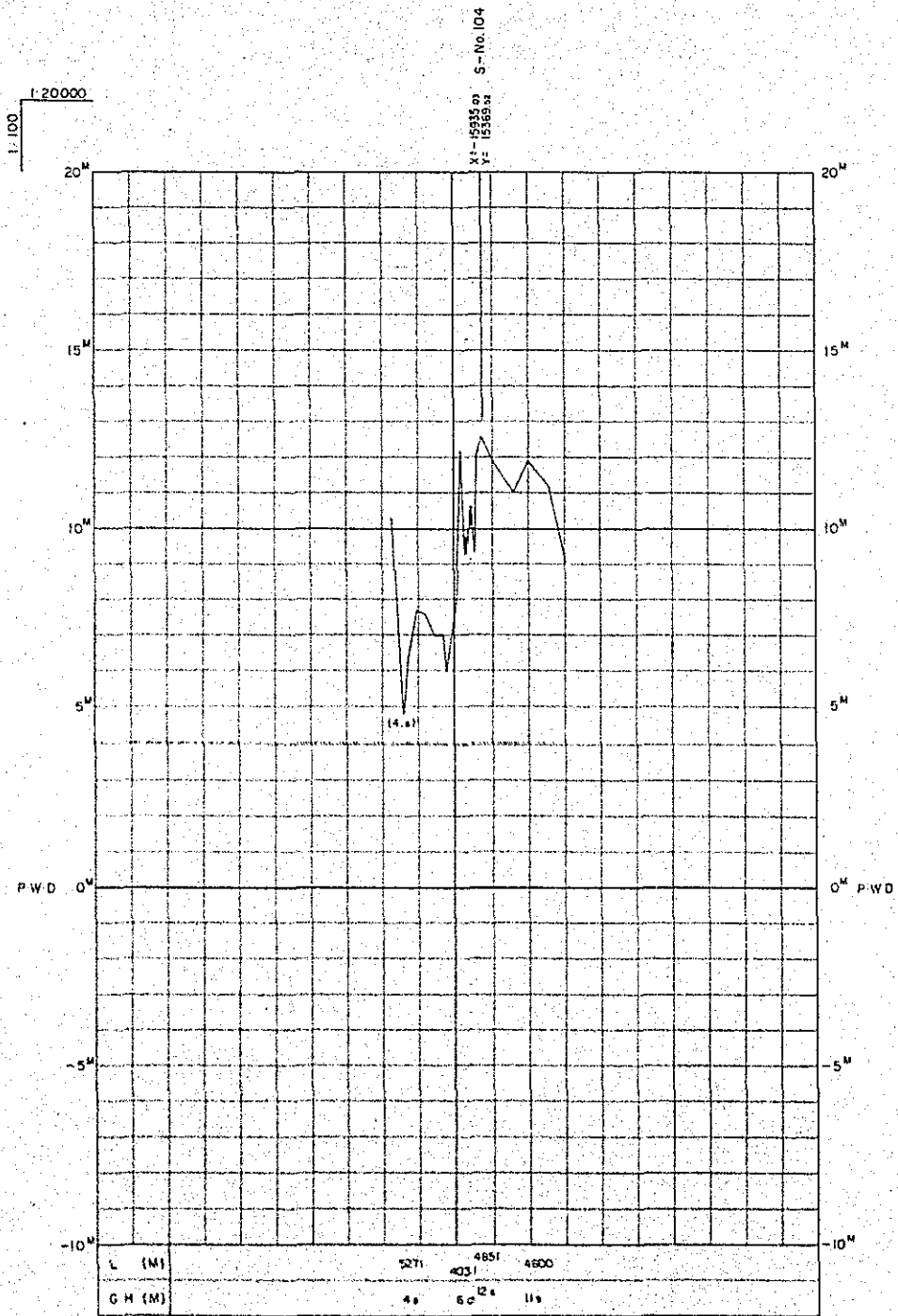
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S - NO. 101	
SCALE	H = 1:20000 V = 1:100
SURVEYED ON	Feb. 1975
SHEET NO. Fig -	
APPROVED BY	CHECKED BY
DRAWN BY	
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



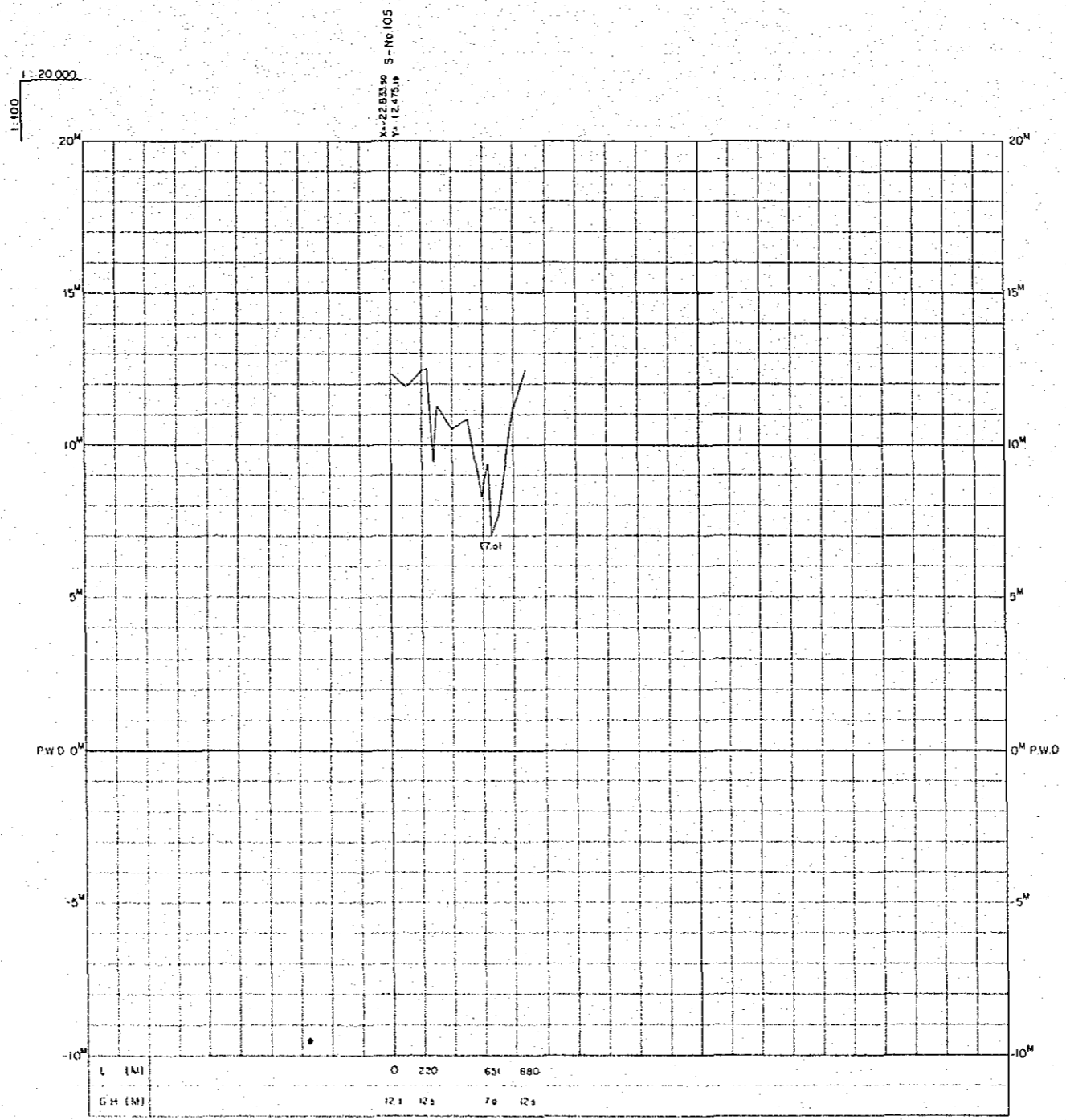
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.102	
SCALE: H=1:20000 V=1:100	APPROVED BY
SURVEYED ON: Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.103	
SCALE	H = 1:20000 V = 1:100
SURVEYED ON	Jan. 1975
SHEET NO. Fig -	
APPROVED BY	CHECKED BY
DRAWN BY	
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



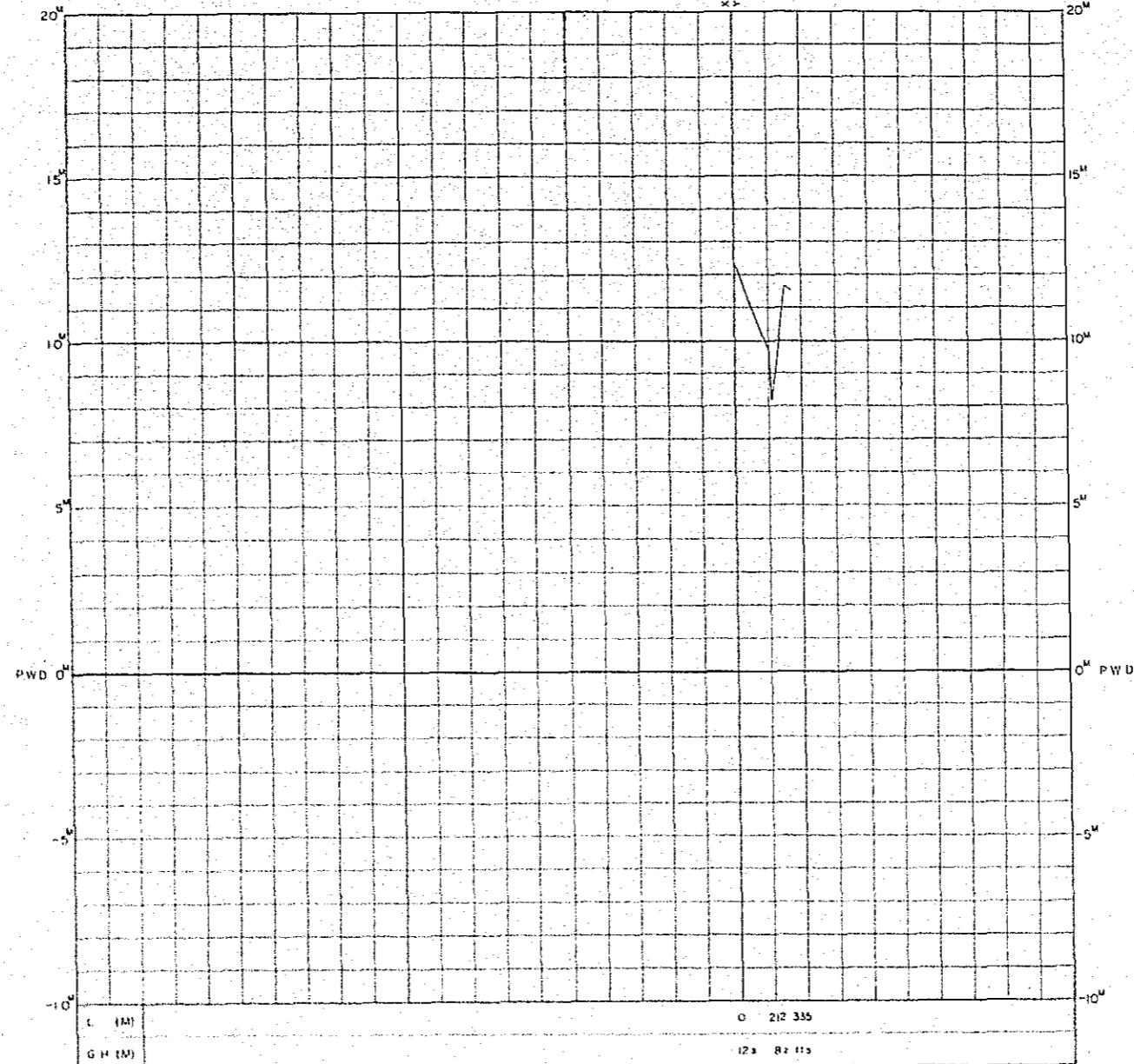
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO.104	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



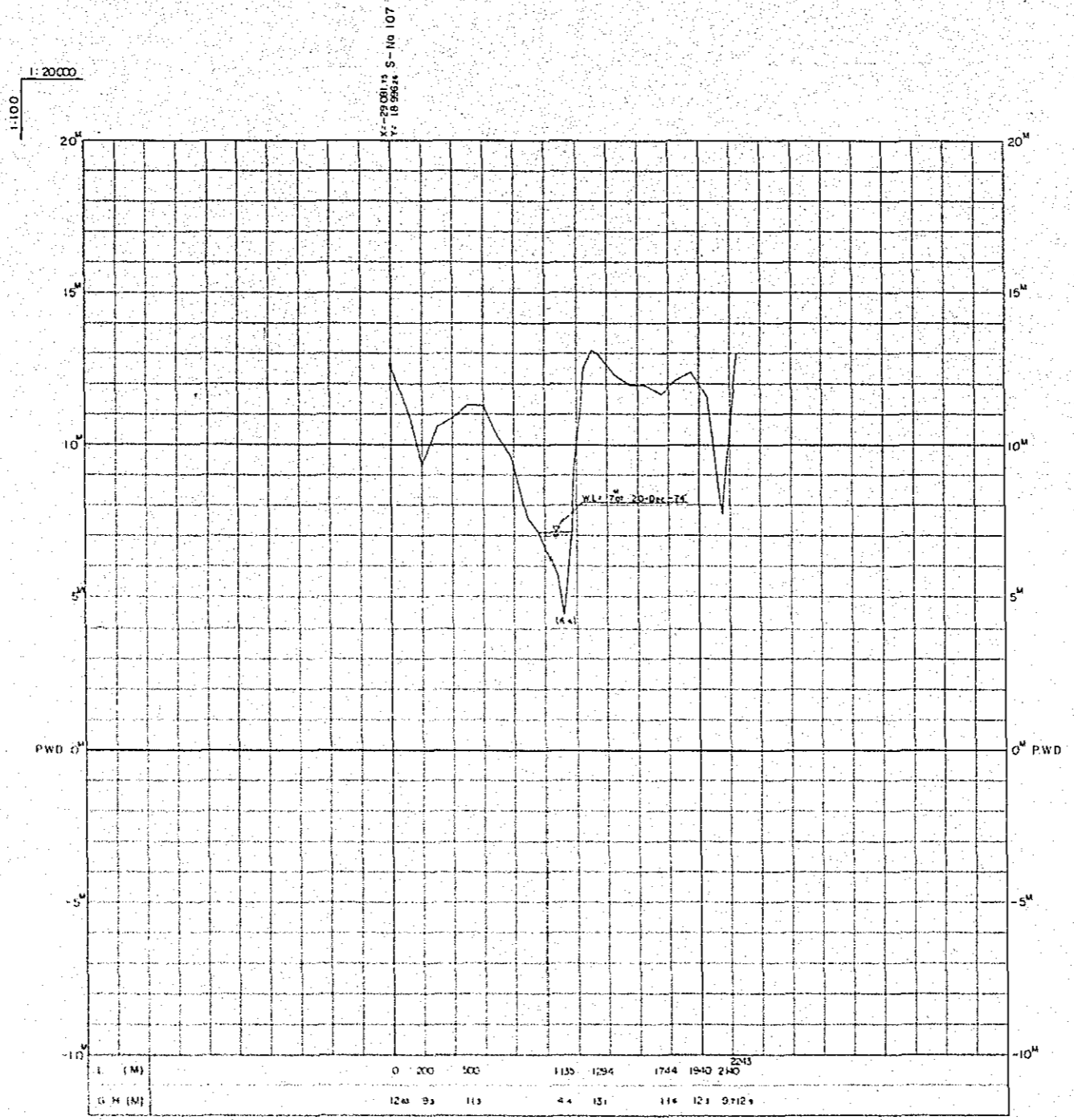
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO.105	
SCALE H=1:20,000 V=1:100	APPROVED BY
SURVEYED ON Feb. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:100
1:20000

X: 26 032.44 S-140106
Y: 15 250.15



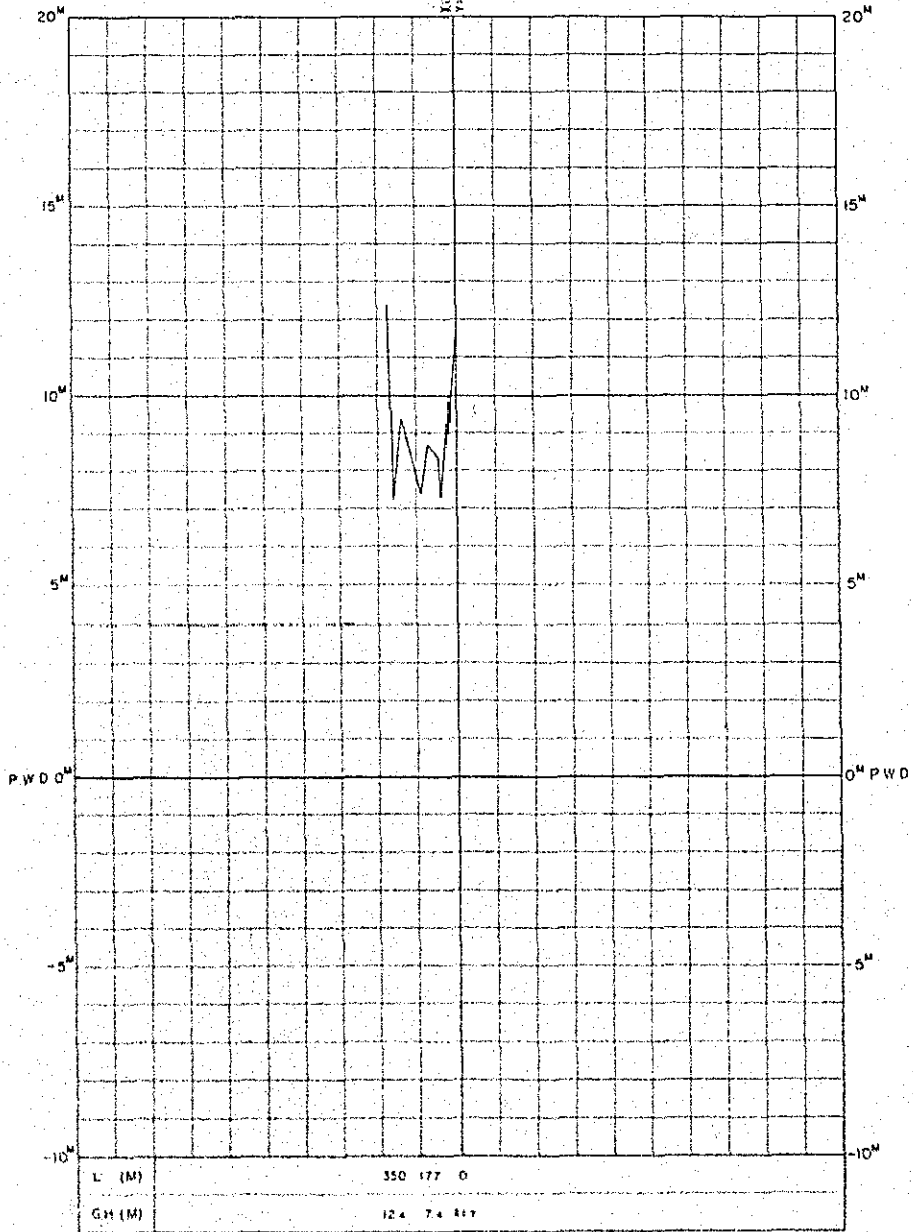
JAPAN INTERNATIONAL COOPERATION AGENCY		
PEOPLE'S REPUBLIC OF BANGLADESH		
JAMUNA RIVER BRIDGE PROJECT		
SERAJGANJ SITE S-NO. 106		
SCALE	H=1:20000 V=1:100	APPROVED BY
SURVEYED ON	Feb. 1975	CHECKED BY
SHEET NO. Fig -		DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION		



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO.107	
SCALE H=1:20 000 V=1:100	APPROVED BY
SURVEYED ON Dec, 1974	CHECKED BY
SHEET NO.Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

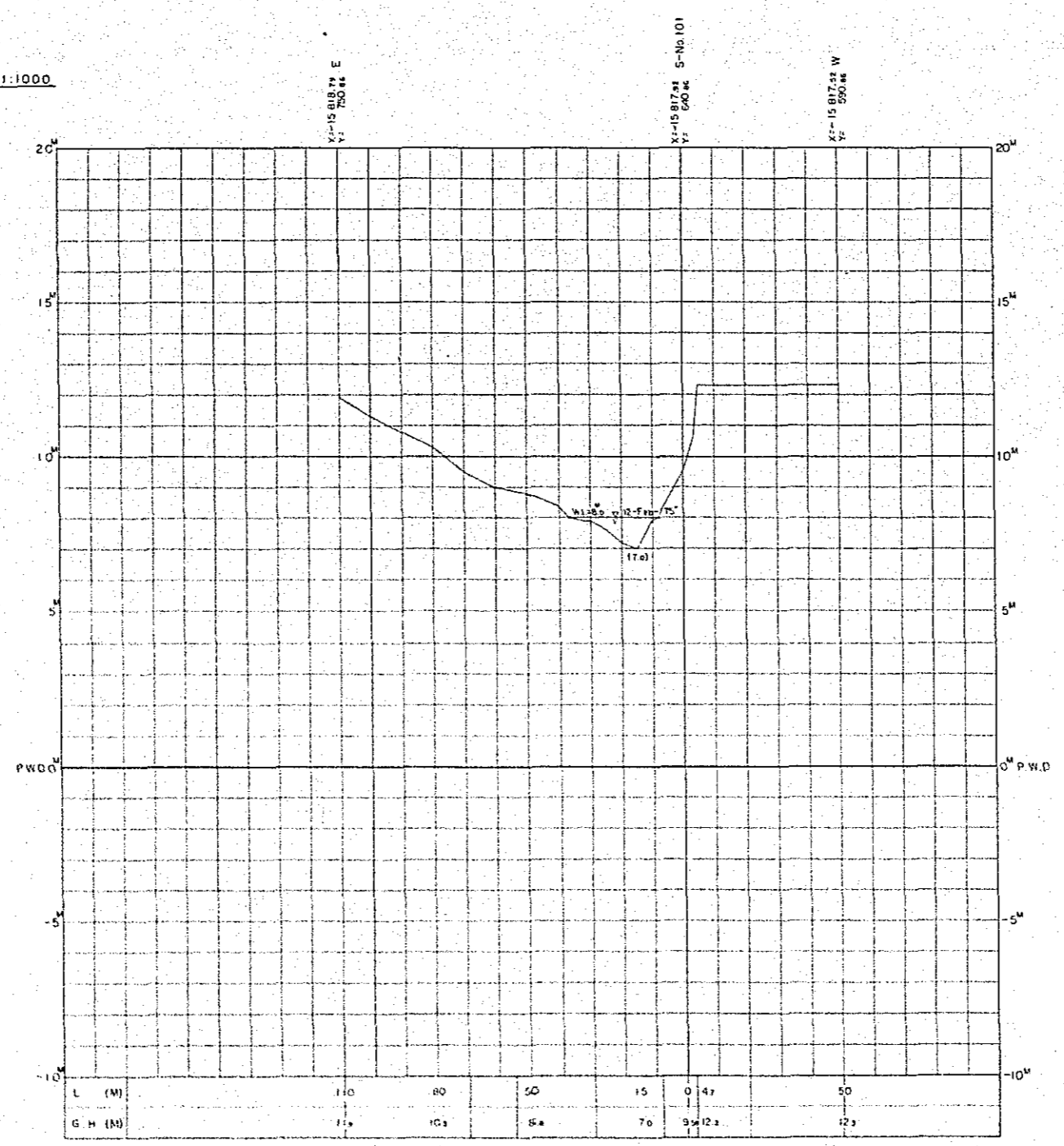
1:20000
1:100

X=17836.4 S-No.108
Y= 6201.04



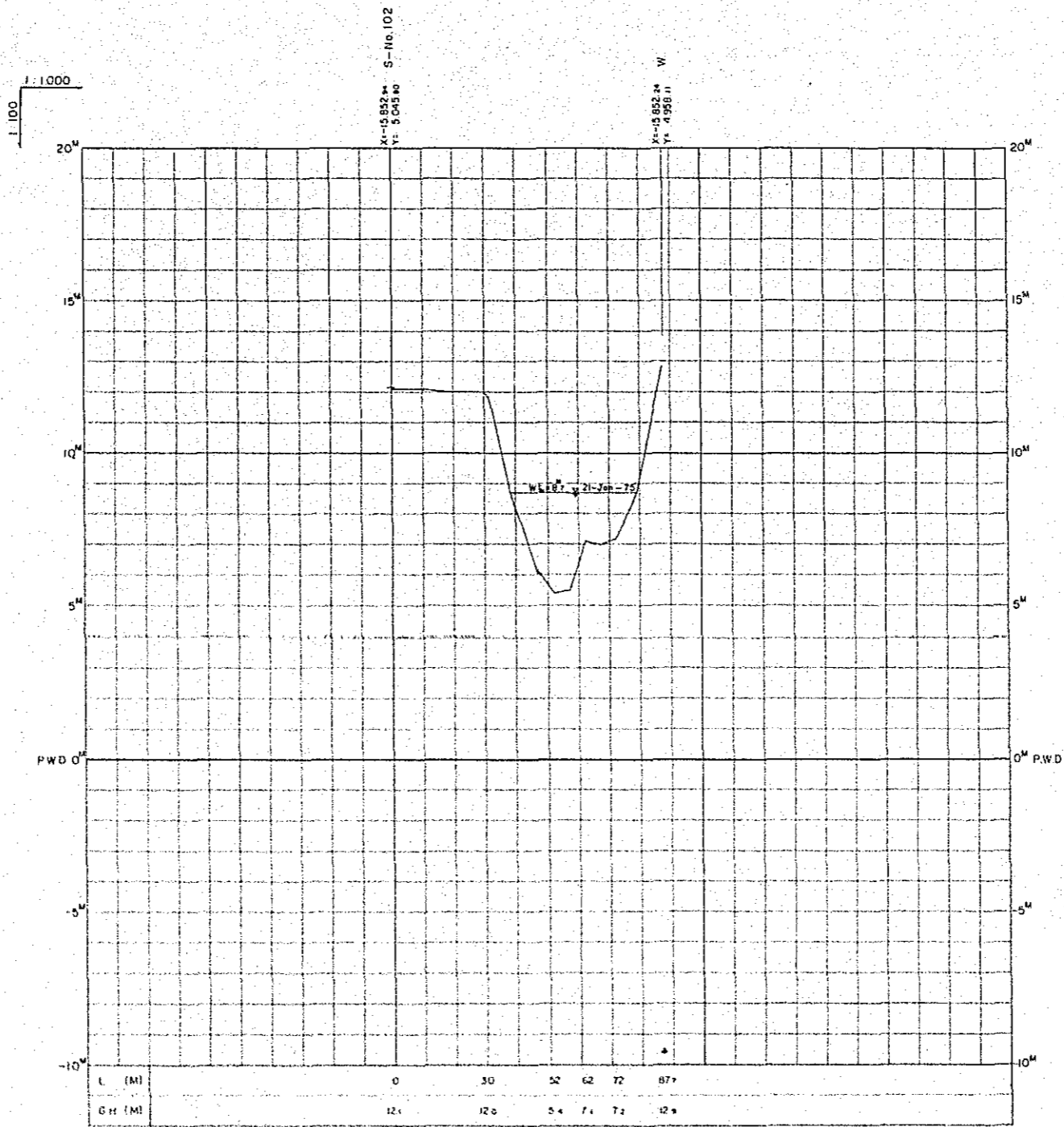
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO.108	
SCALE H=1:20000 V=1:100	APPROVED BY
SURVEYED ON Jan.1975	CHECKED BY
SHEET NO.Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:1000

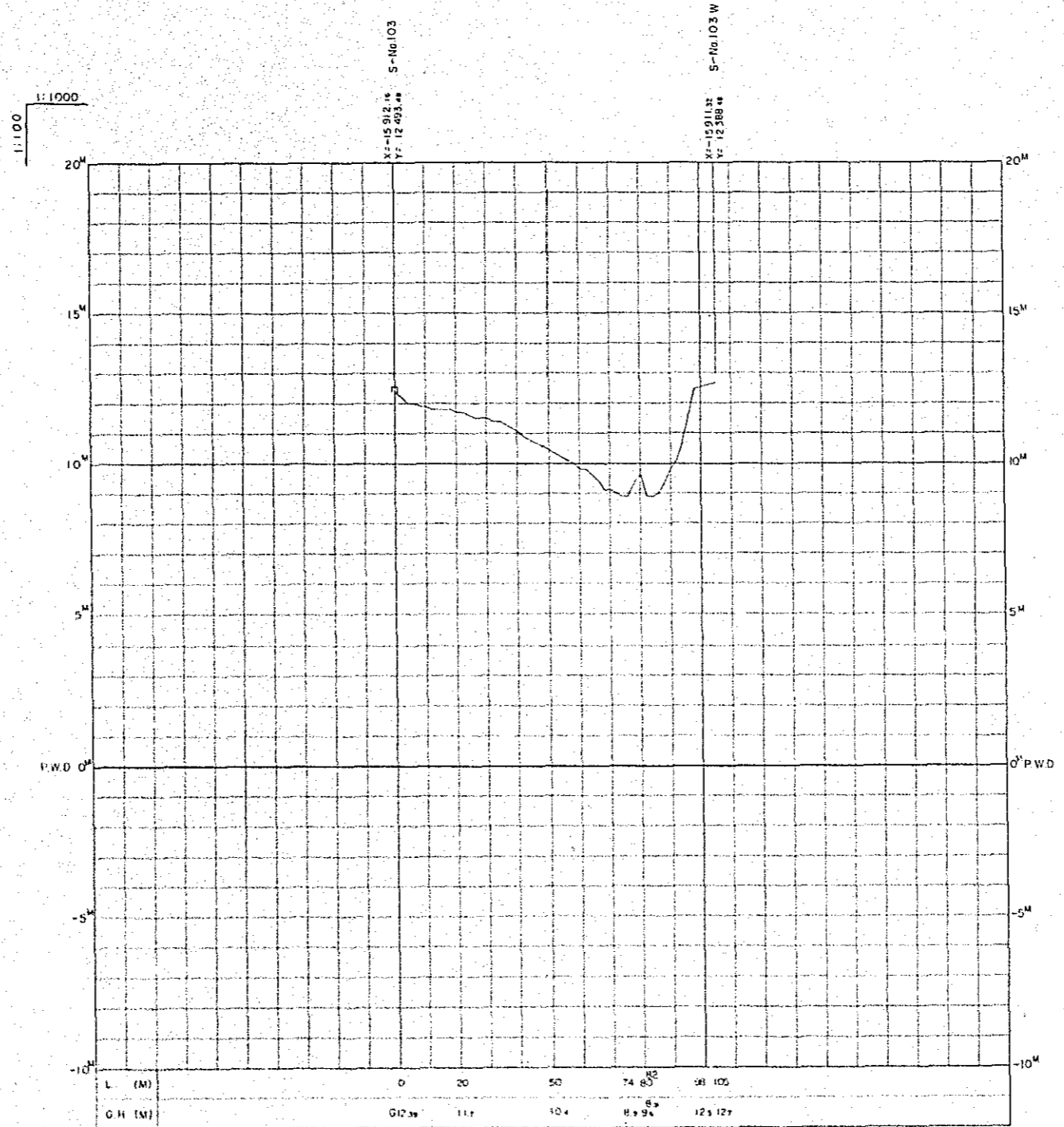


L (M)	110	80	50	15	0	14	50
G.H. (M)	11.0	10.0	8.0	7.0	9.0	12.0	12.0

JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S - NO. 101	
SCALE H=1:1000 V=1:100	APPROVED BY
SURVEYED ON Feb. 1975	CHECKED BY
SHEET NO, Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S - NO.102	
SCALE H=1:1000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

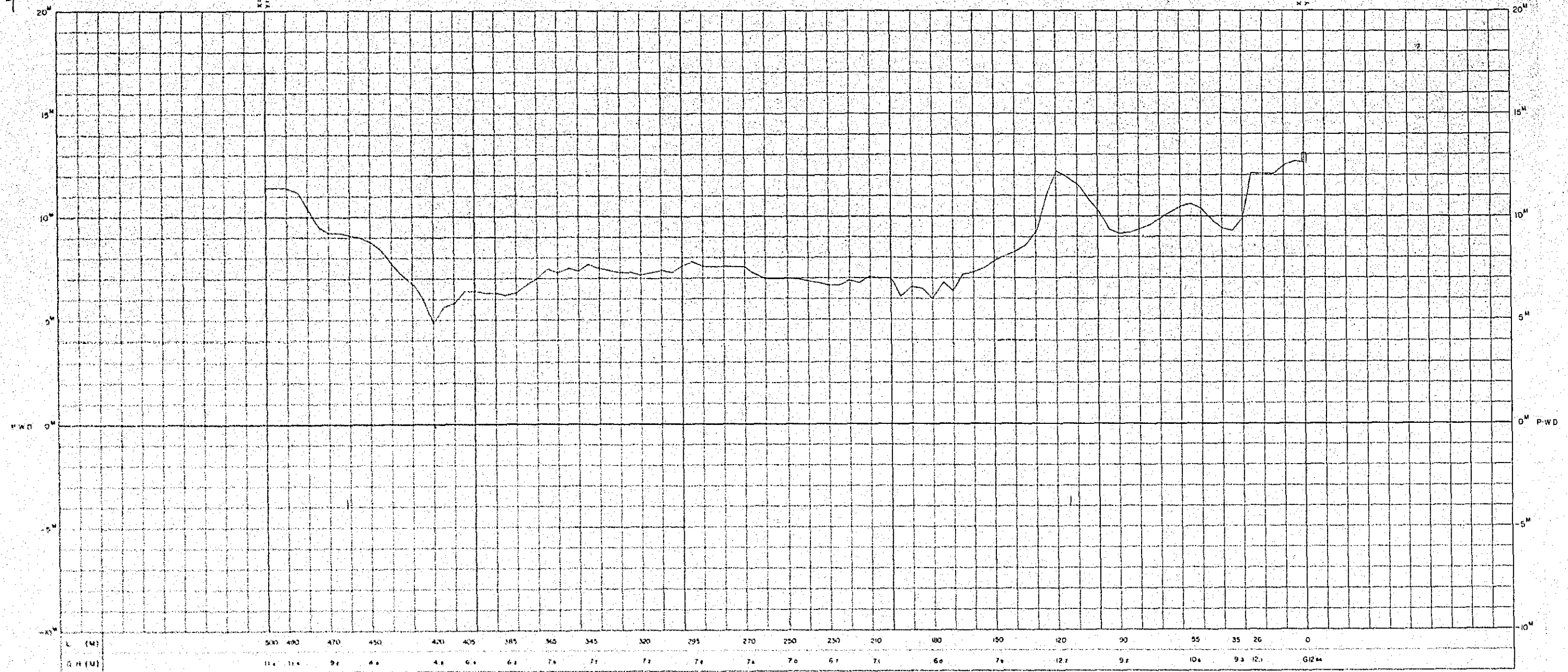


JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S NO. 103	
SCALE H=1:1000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:1000

X=15939.00
Y=15669.33 S-No. 104 E

X=15935.01
Y=15669.33 S-No. 104

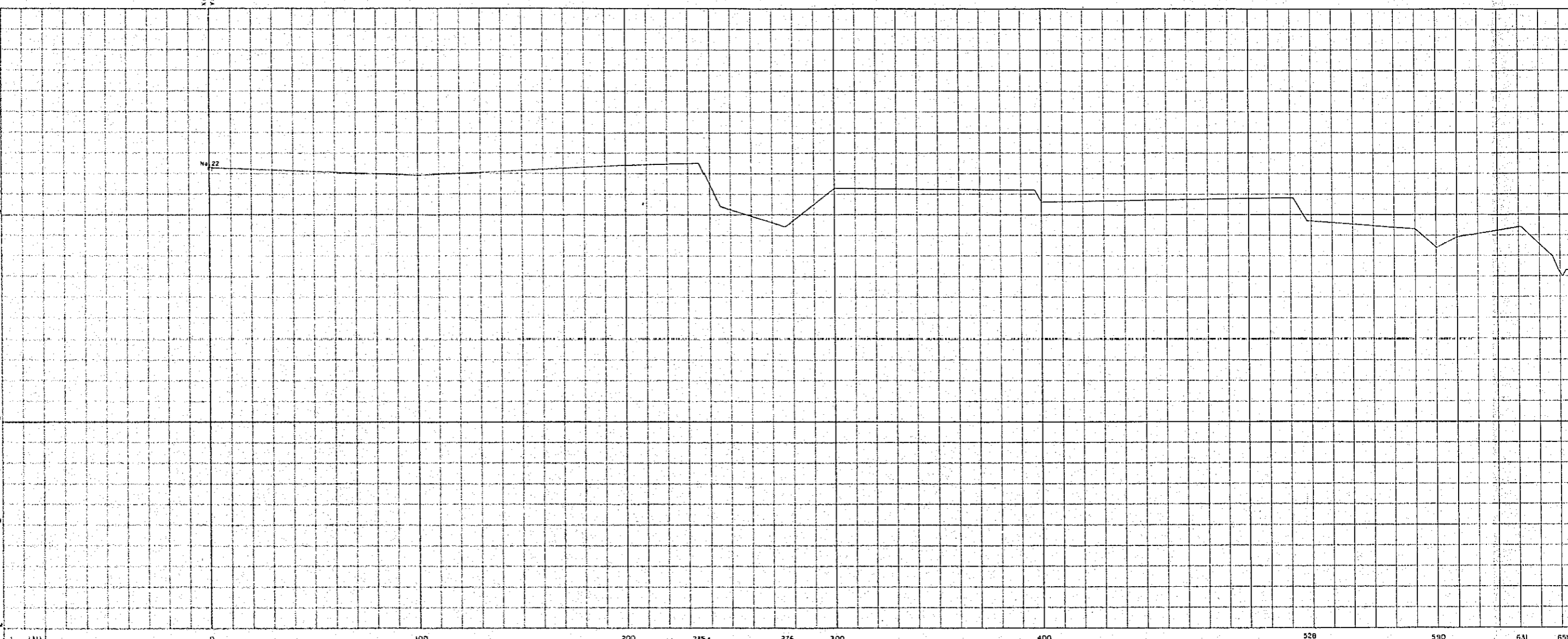


JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO. 104	
SCALE H=1:1000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1.000
1.100

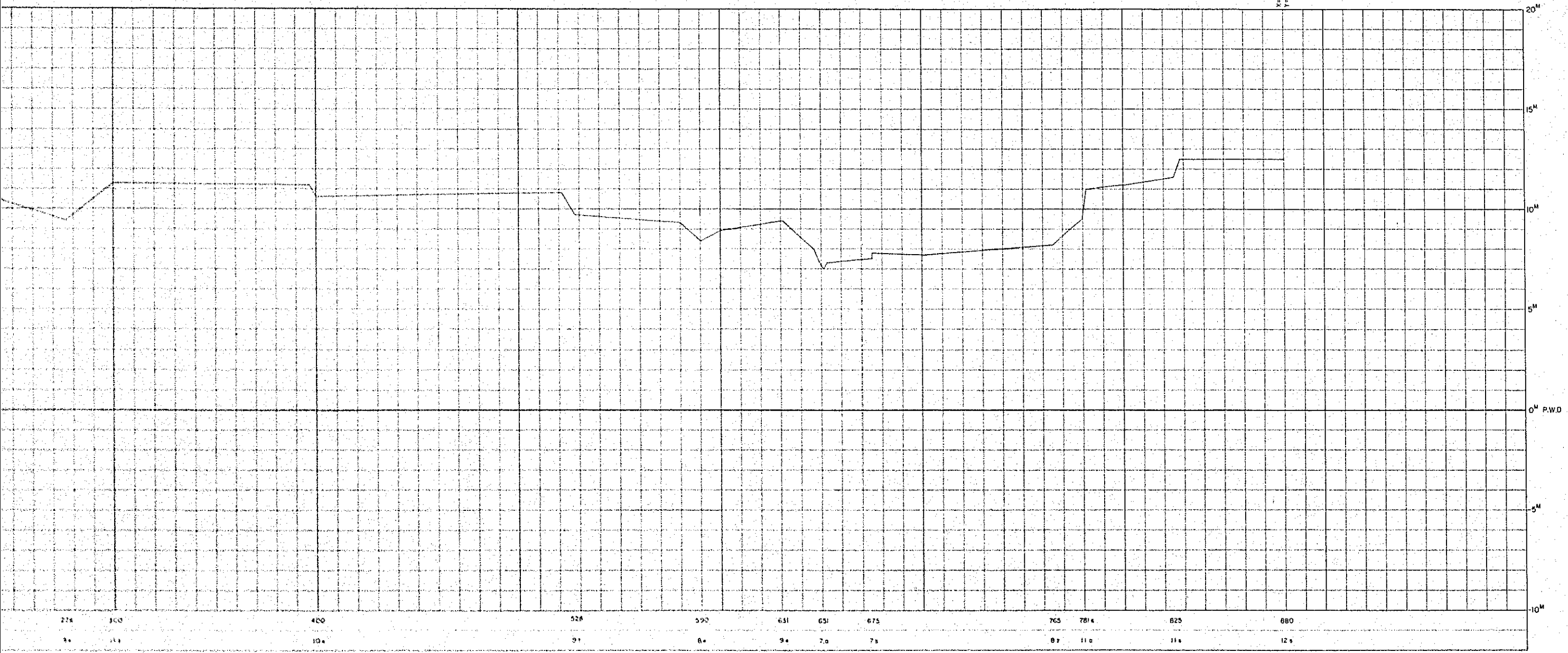
X-22 833 W S-No.105
Y-12 875 W

20"
15"
10"
5"
PWB 0"
-5"
-10"

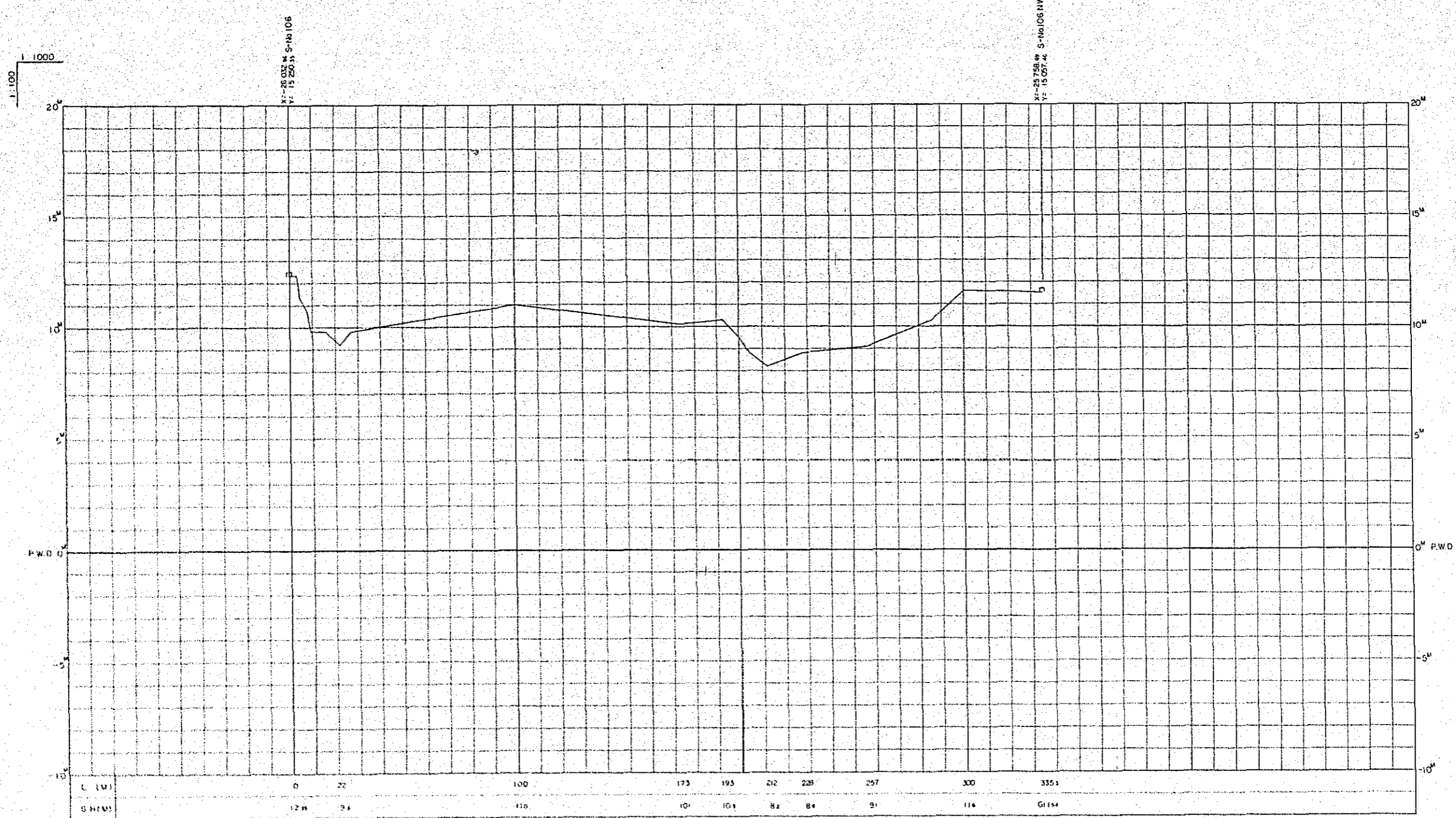


L (M)	0	100	200	235	276	300	400	528	590	631	651
CH (M)	9.12	11	12.4	12	9.4	11	10	9.7	8.4	9.4	7.0

N=23.4164 S=No.105 SW
T=11.816 II



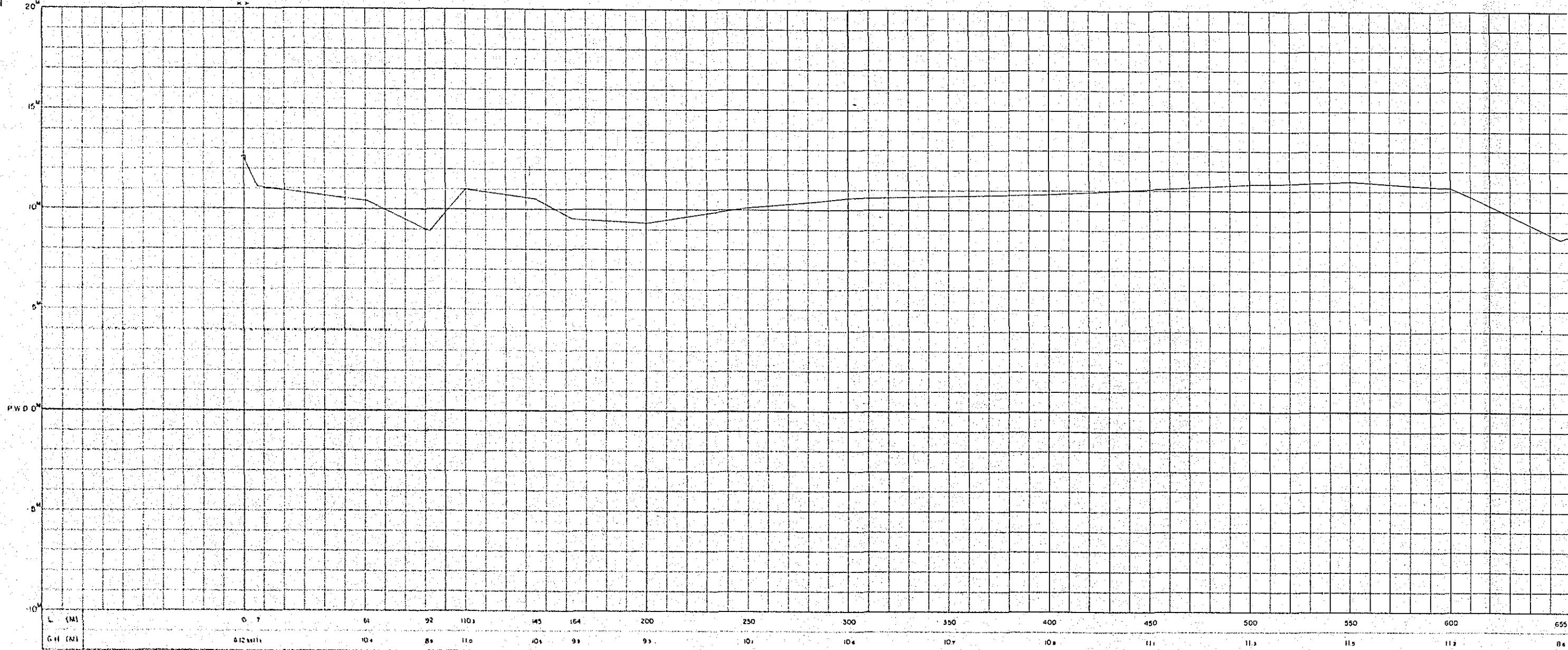
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO.105	
SCALE	H=1/1000 V=1/100
SURVEYED ON	Feb. 1975
SHEET NO. Fig -	
APPROVED BY	CHECKED BY
DRAWN BY	
INTERNATIONAL ENGINEERING CONSULTANTS' ASSOCIATION	

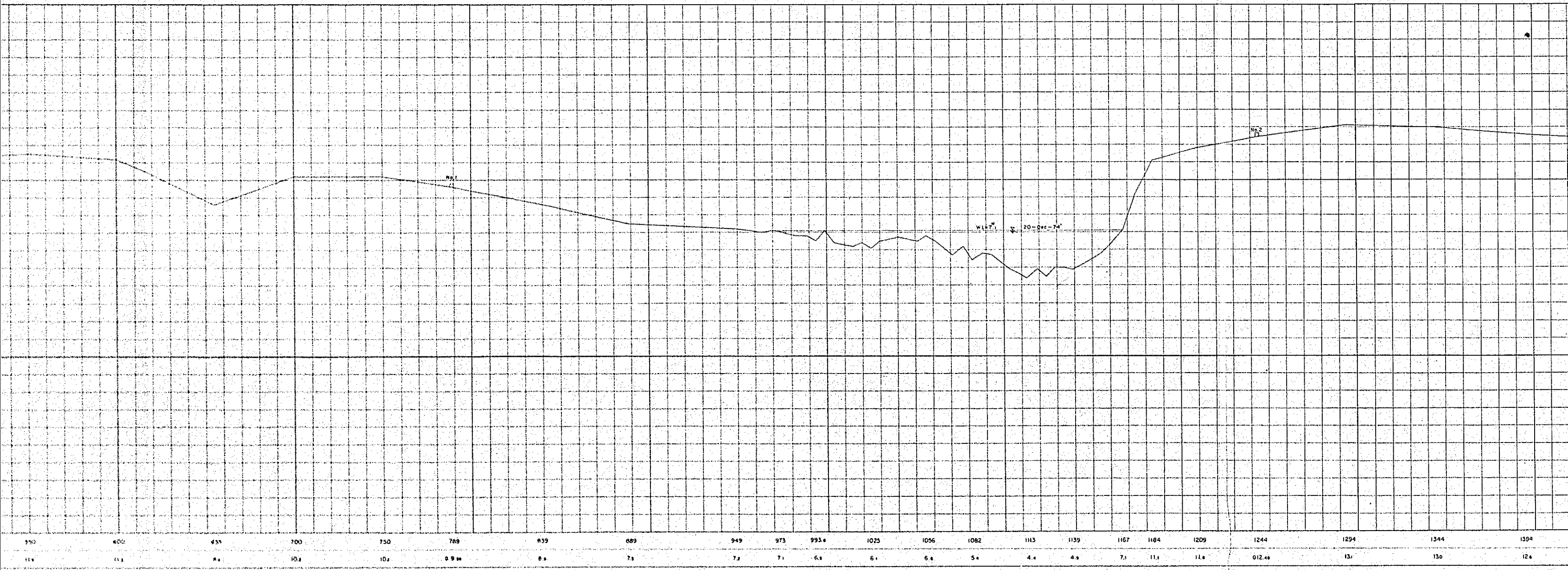


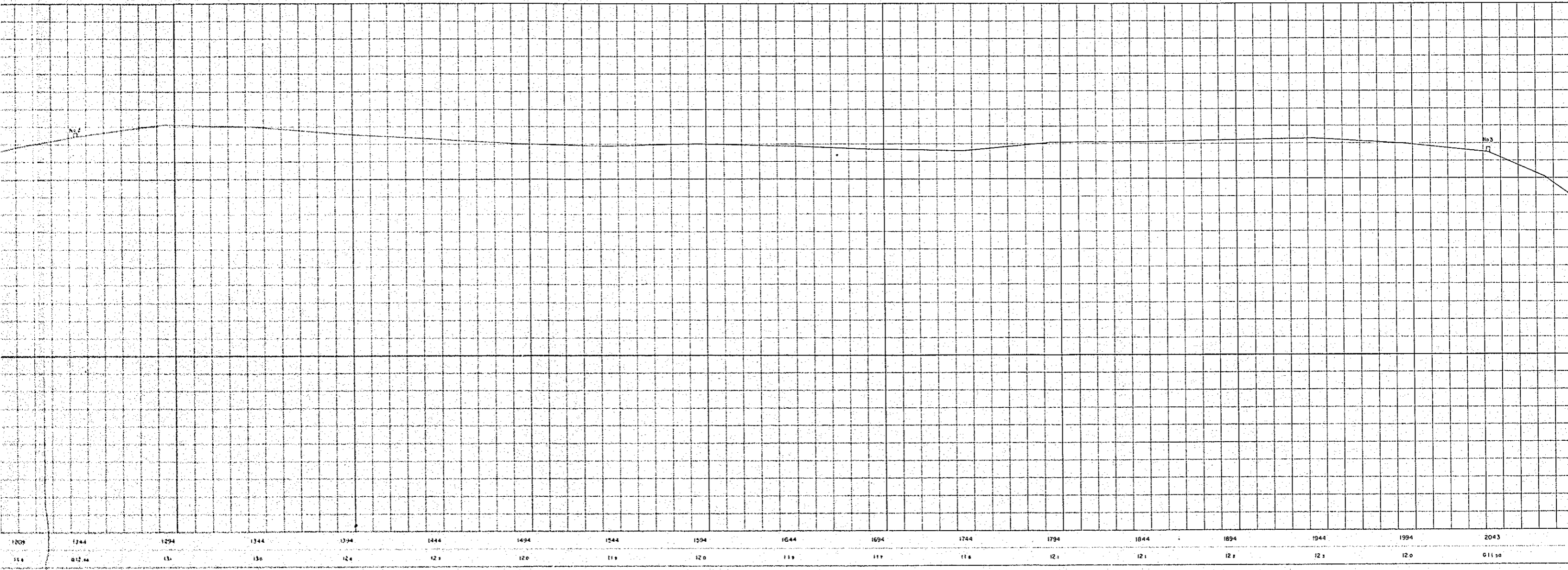
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
SERAJGANJ SITE S-NO. 106	
SCALE H=1:1000 V=1:100	APPROVED BY
SURVEYED ON Feb. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:100
1:1000

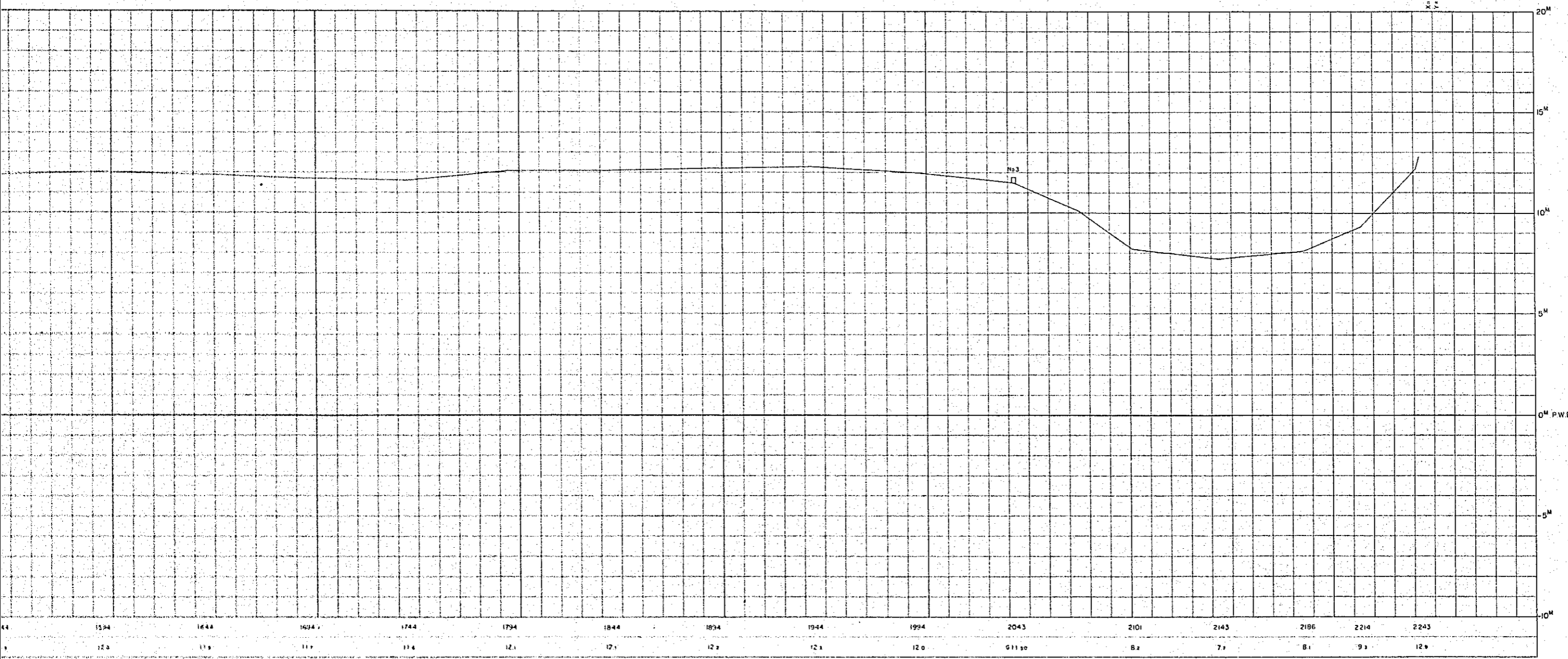
11-290815 S-No 107
11-1899514



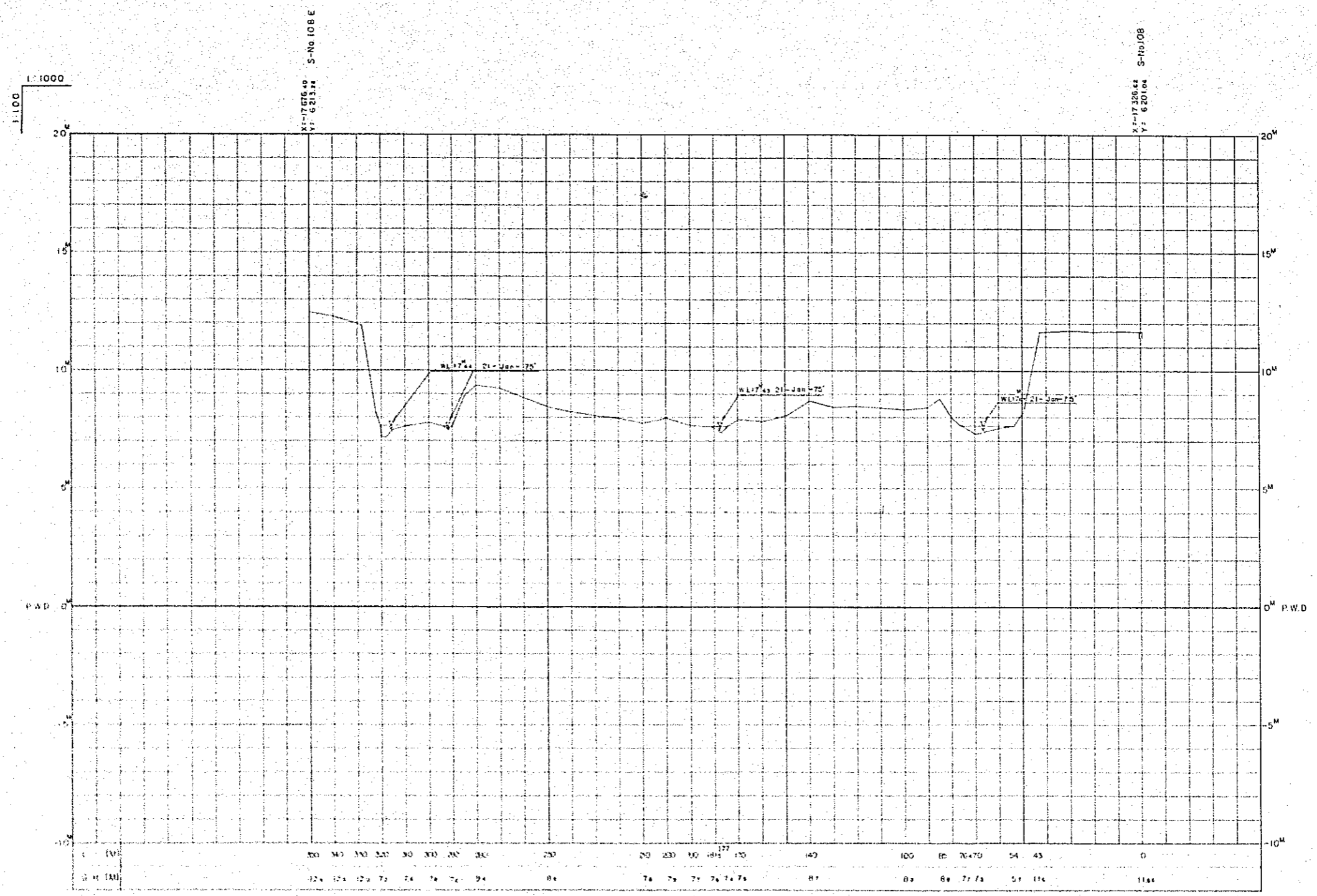




No. 29113 20 S-NO.107 W
 14 16.03.48

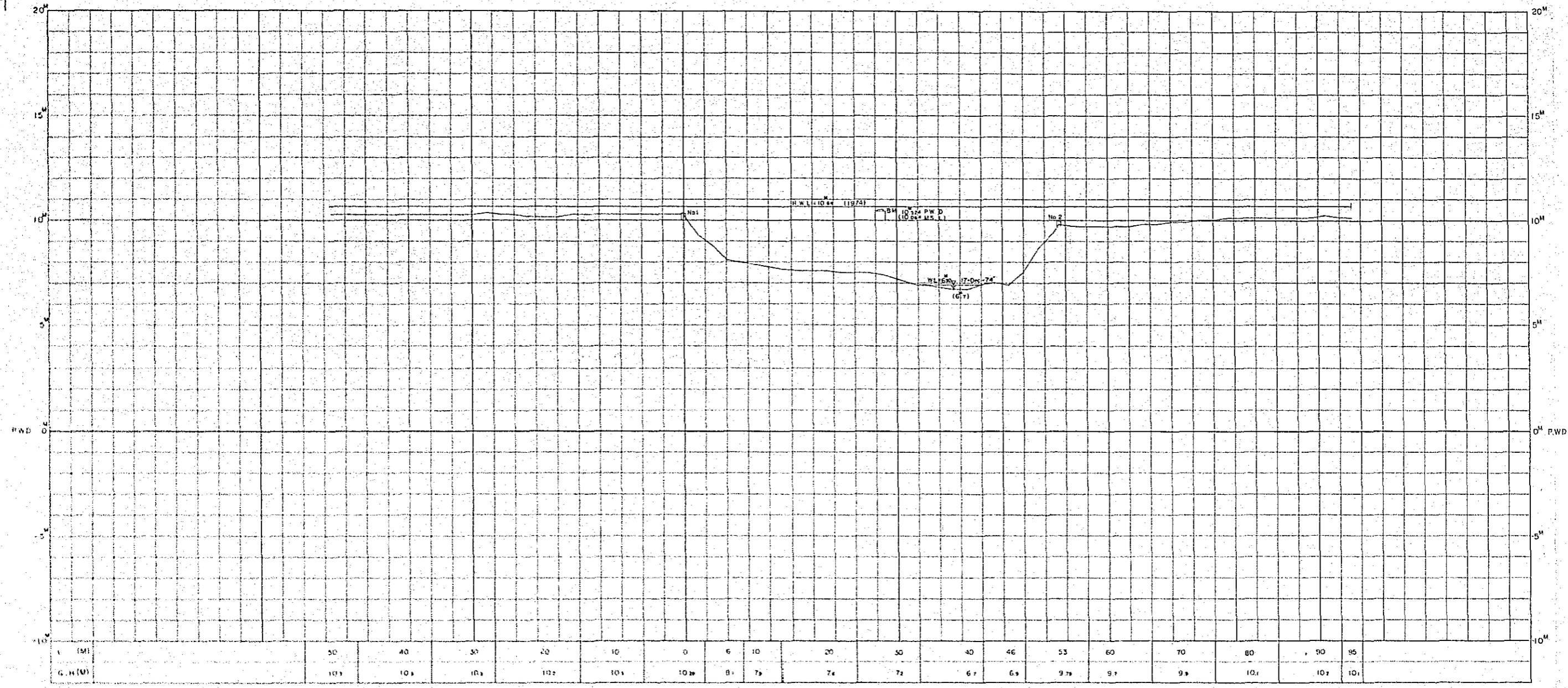


JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO.107	
SCALE H=1:1000 V=1:100	APPROVED BY
SURVEYED ON Dec. 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT SERAJGANJ SITE S-NO. 108	
SCALE H=1:1000 V=1:100	APPROVED BY
SURVEYED ON Jan. 1975	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

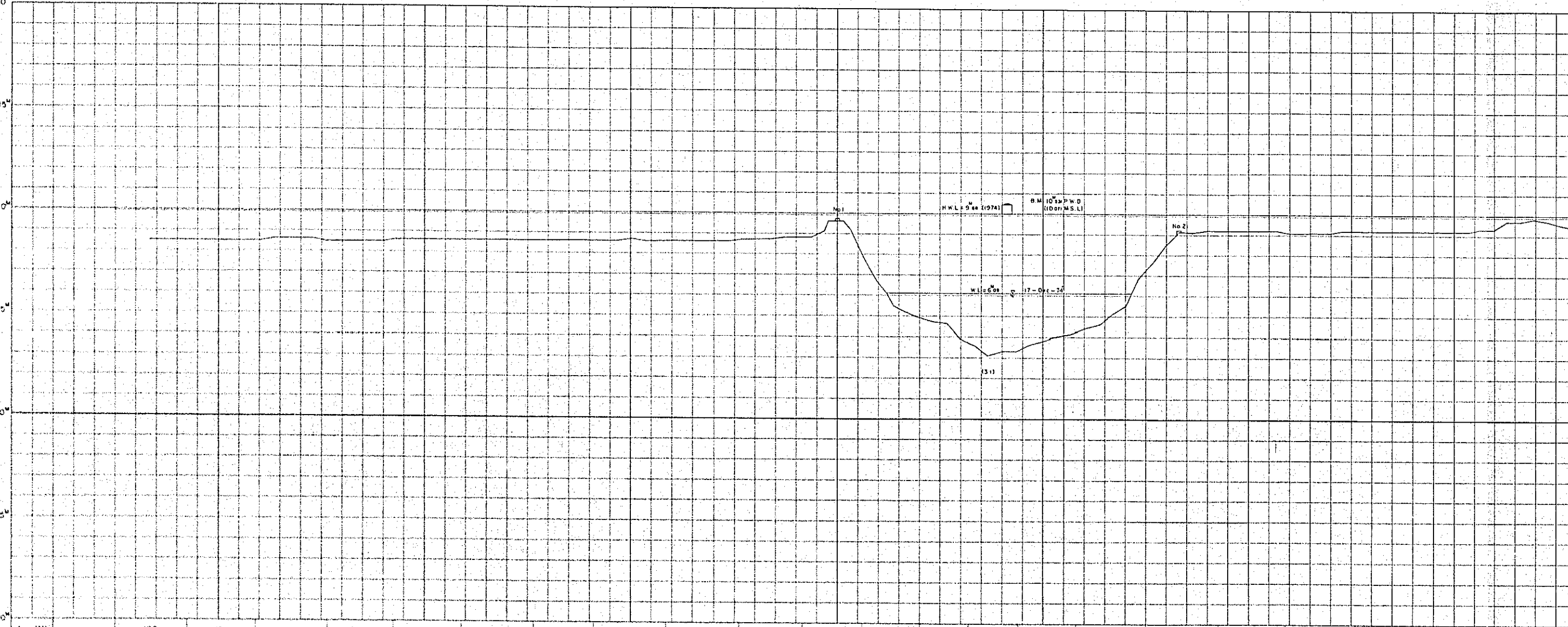
1:300
1:100



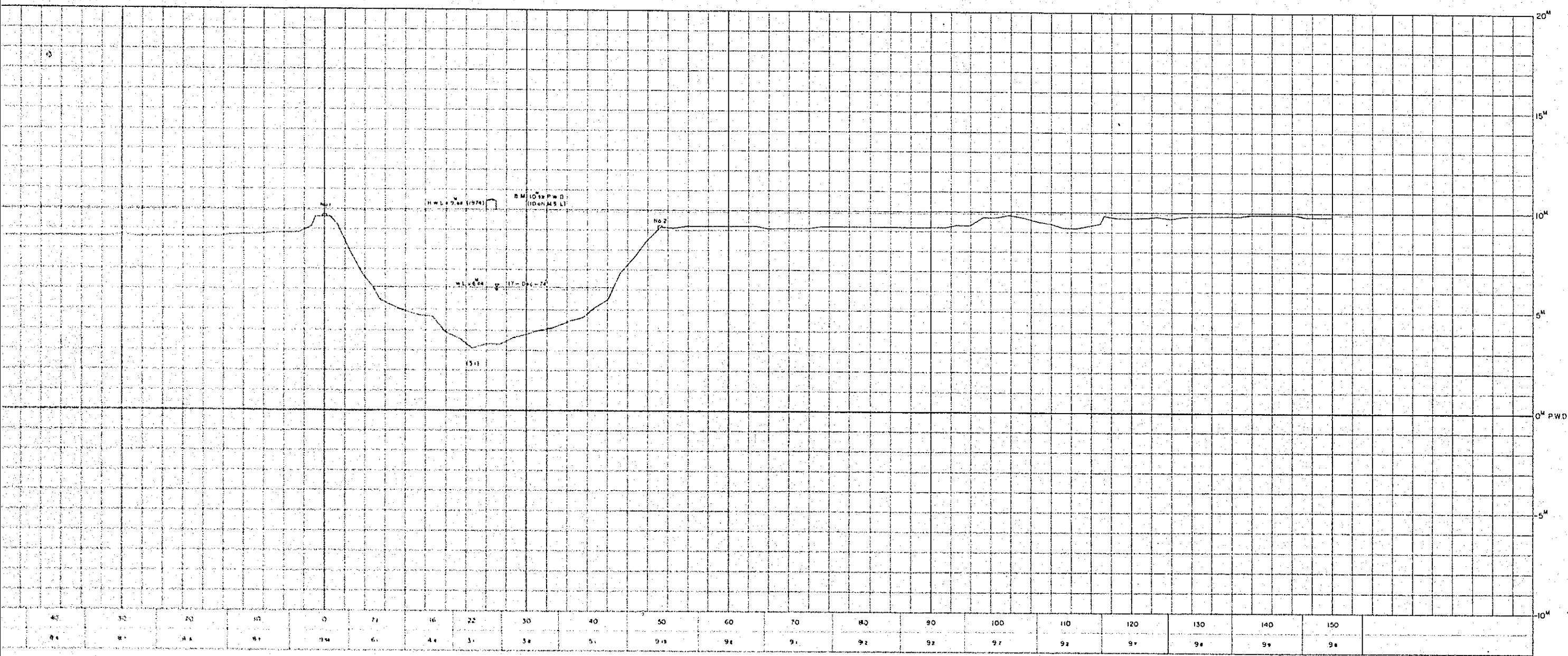
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS RAILWAY PUTIAJANI (A)	
SCALE H=1:300 V=1:100	APPROVED BY
SURVEYED ON Dec. 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:100
300'

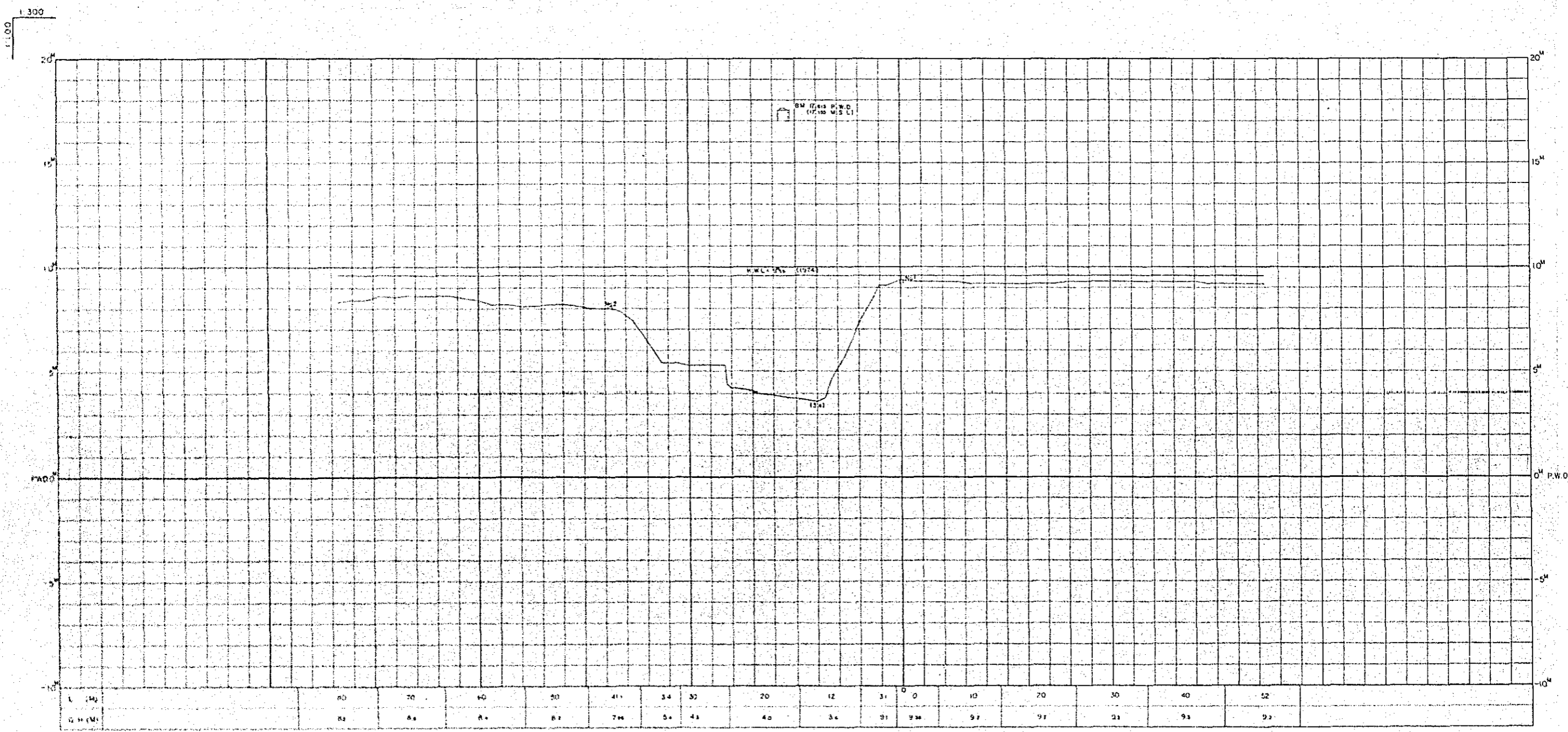
20'
15'
10'
5'
P.W.D.
0'
-5'
-10'



Station	100	90	80	70	60	50	40	30	20	10	0	72	16	22	30	40	50	60	70	80	90	100
Elev. (ft)	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.7	9.5	6.1	4.4	3.1	3.4	5.1	9.0	9.1	9.1	9.7	9.1	9.7



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS RAILWAY FUTJANI (B)	
SCALE H = 1 300 V = 1 100	APPROVED BY
SURVEYED ON Dec. 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

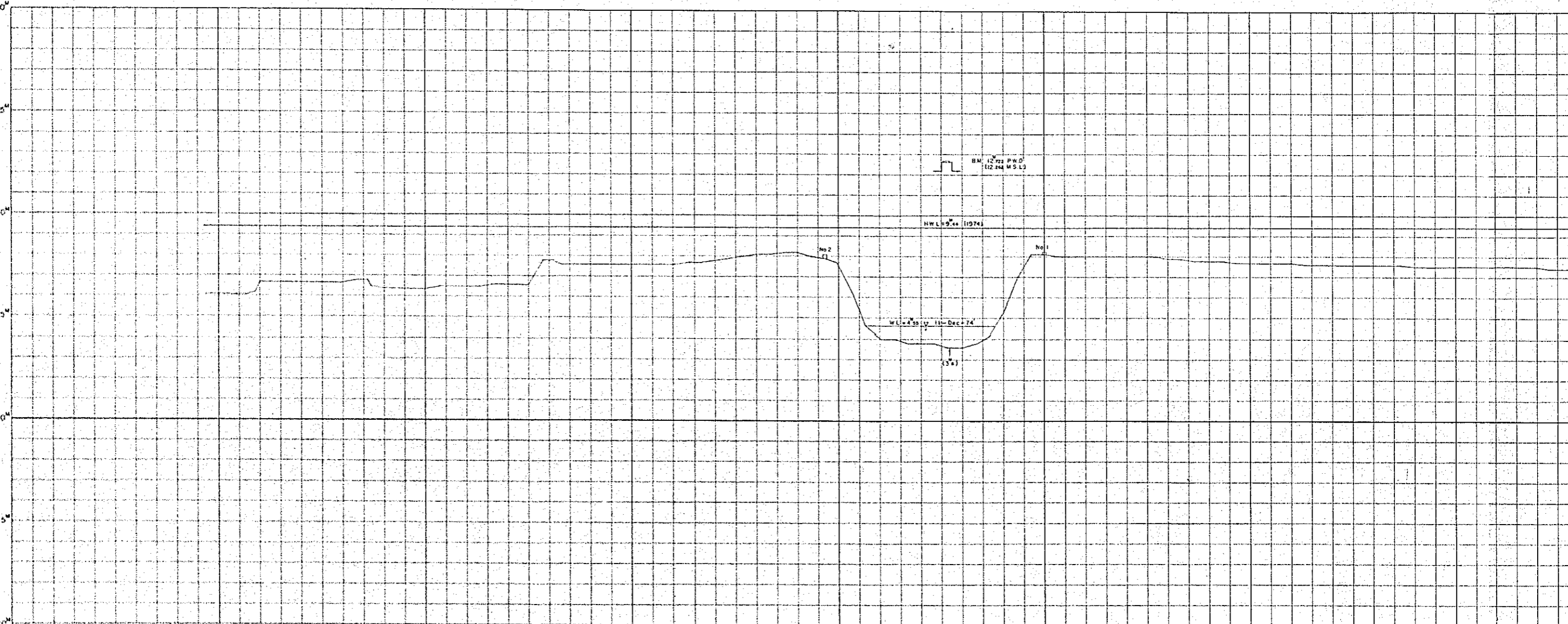


L (M)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520																																																																																																																										
H (M)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.7	15.0	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.7	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.3	21.6	21.9	22.2	22.5	22.8	23.1	23.4	23.7	24.0	24.3	24.6	24.9	25.2	25.5	25.8	26.1	26.4	26.7	27.0	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.7	30.0	30.3	30.6	30.9	31.2	31.5	31.8	32.1	32.4	32.7	33.0	33.3	33.6	33.9	34.2	34.5	34.8	35.1	35.4	35.7	36.0	36.3	36.6	36.9	37.2	37.5	37.8	38.1	38.4	38.7	39.0	39.3	39.6	39.9	40.2	40.5	40.8	41.1	41.4	41.7	42.0	42.3	42.6	42.9	43.2	43.5	43.8	44.1	44.4	44.7	45.0	45.3	45.6	45.9	46.2	46.5	46.8	47.1	47.4	47.7	48.0	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.4	50.7	51.0	51.3	51.6	51.9	52.2

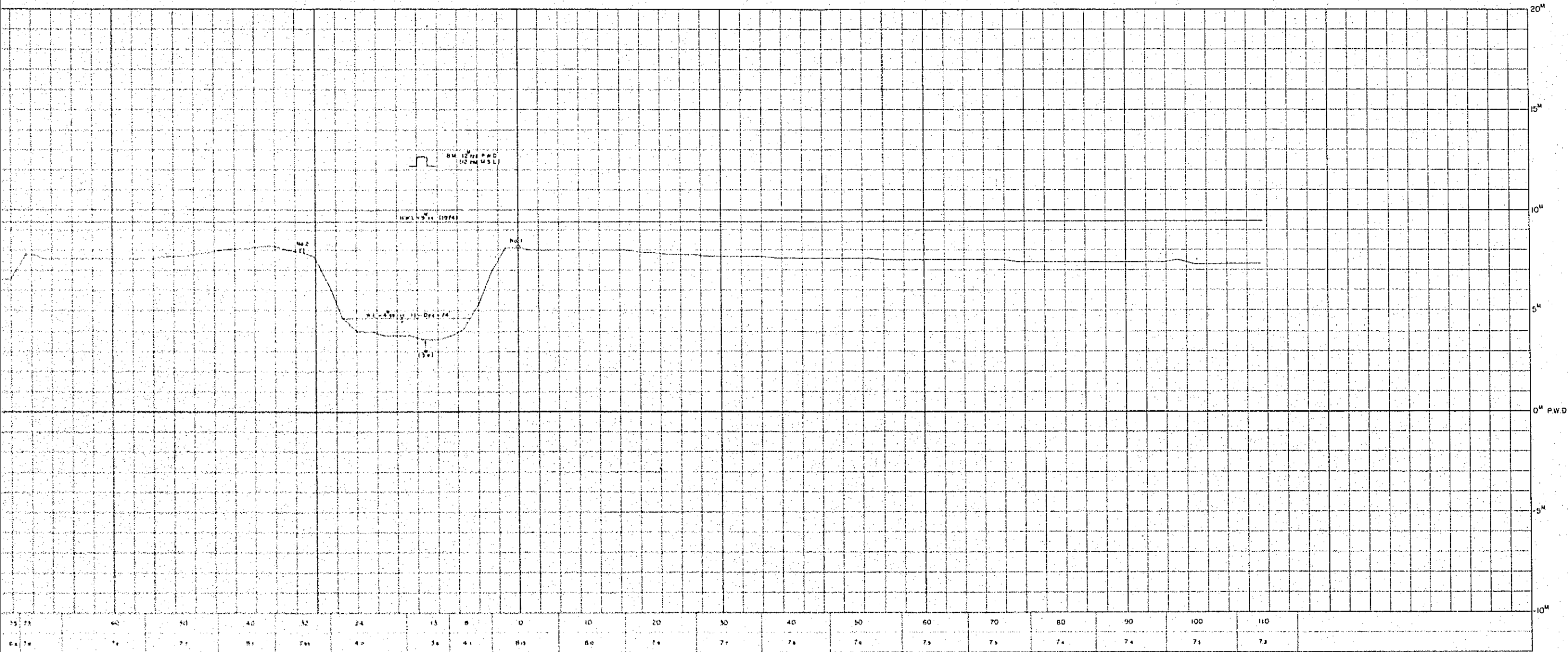
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT	
ACCESS RAILWAY LCHAJANG (C)	
SCALE H=1:300 V=1:100	APPROVED BY
SURVEYED ON Dec. 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:100
300

20'
15'
10'
5'
P.W.D.
0'
5'
10'

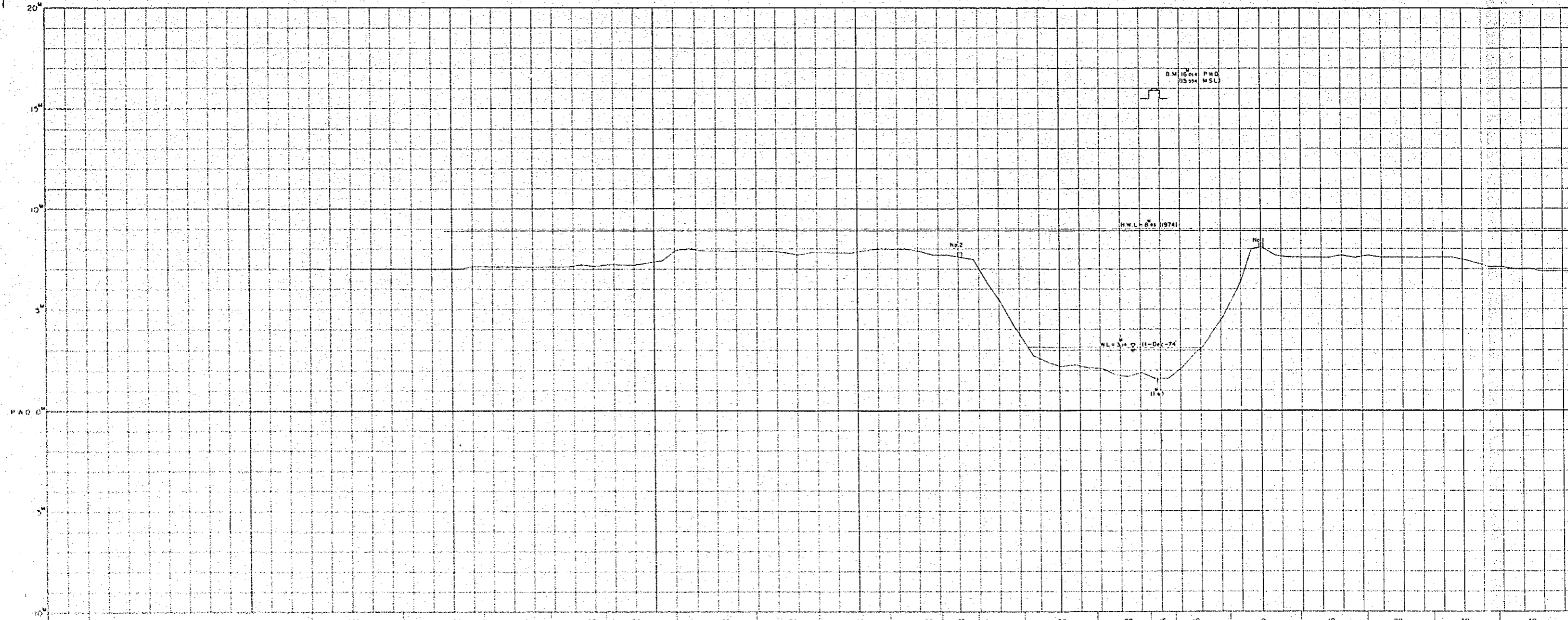


L (M)	122	114	100	90	80	75	73	60	50	40	32	24	13	8	0	10	20	30	40	50	60	70
G.H. (M)	6.1	6.2	6.6	6.4	6.4	6.6	7.0	7.4	7.1	8.1	7.9	4.0	3.6	4.1	8.1	8.0	7.5	7.7	7.4	7.4	7.5	7.5

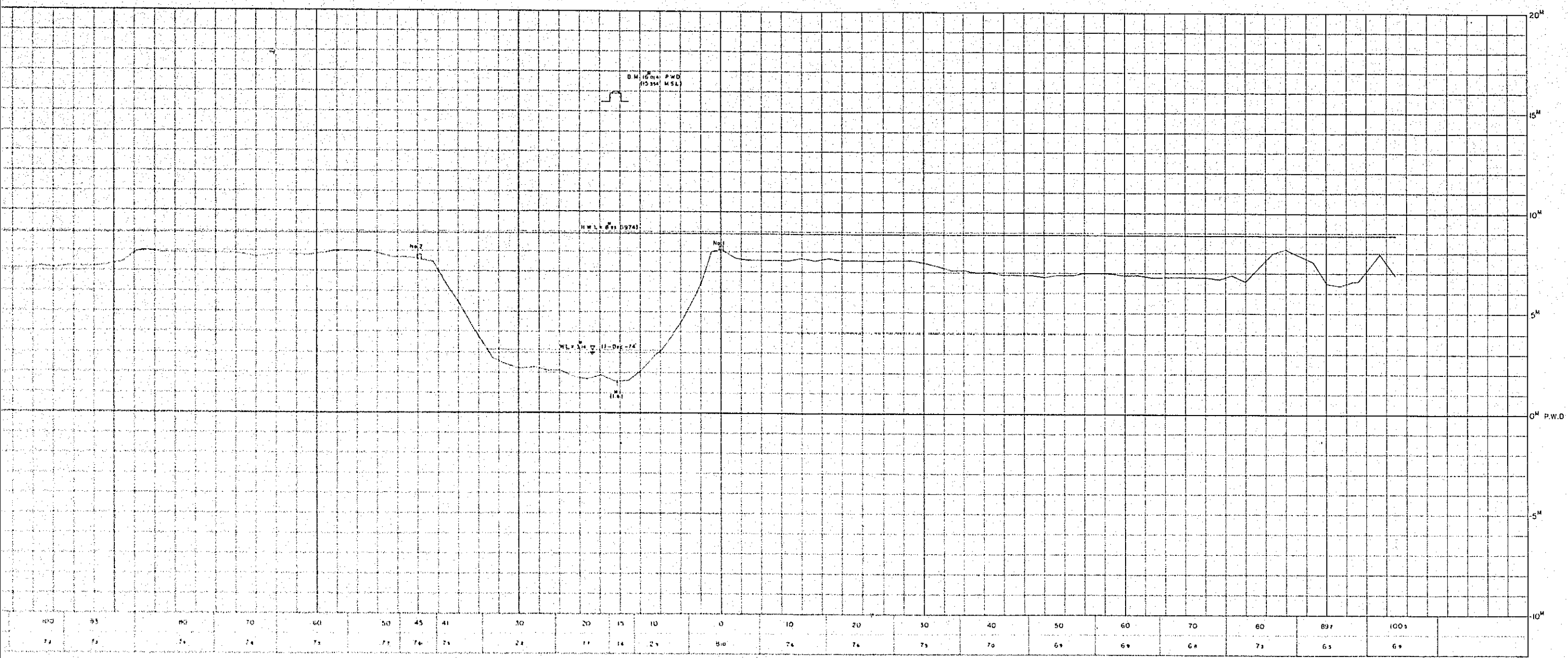


JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS RAILWAY SHIMULTALI (D-1)	
SCALE H=1:300 V=1:100	APPROVED BY
SURVEYED ON Dec 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:300
1:100



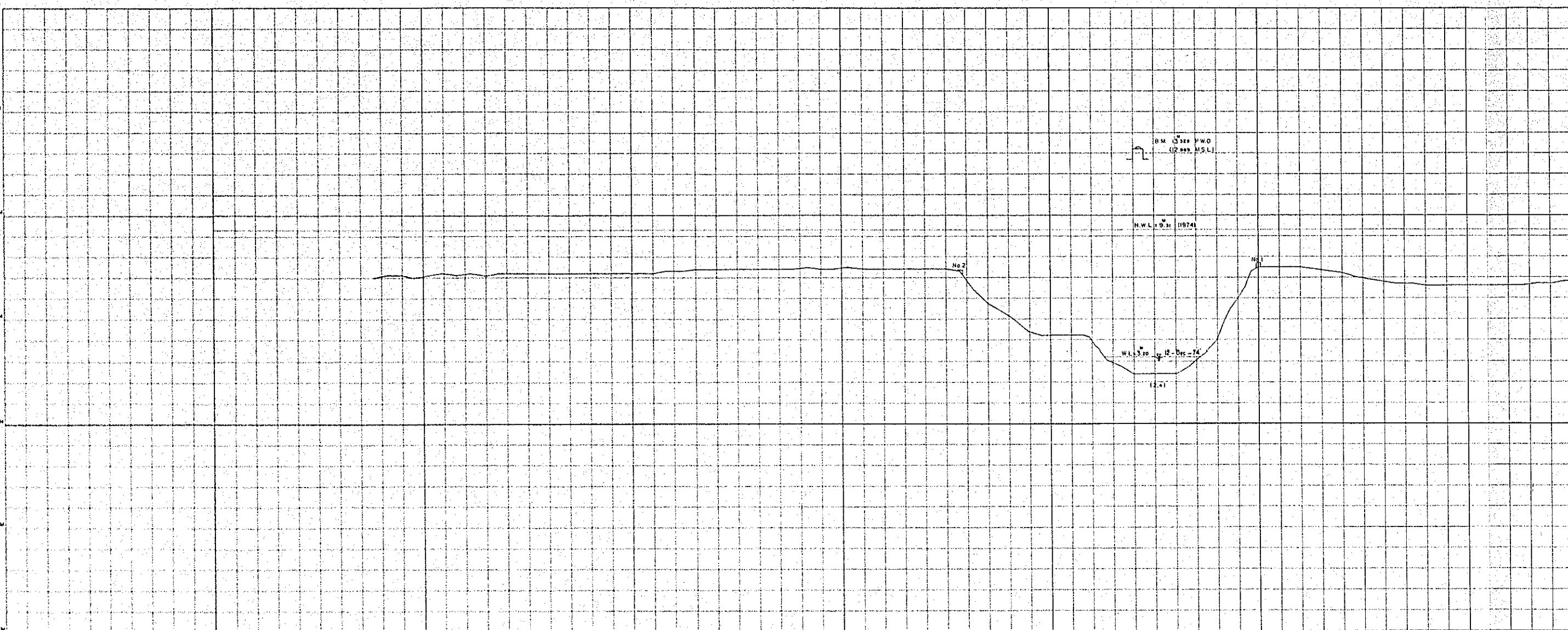
135	120	110	100	95	80	70	60	50	45	41	30	20	15	10	0	10	20	30	40
70	70	71	72	73	74	75	76	77	78	79	27	17	18	20	810	75	76	75	70



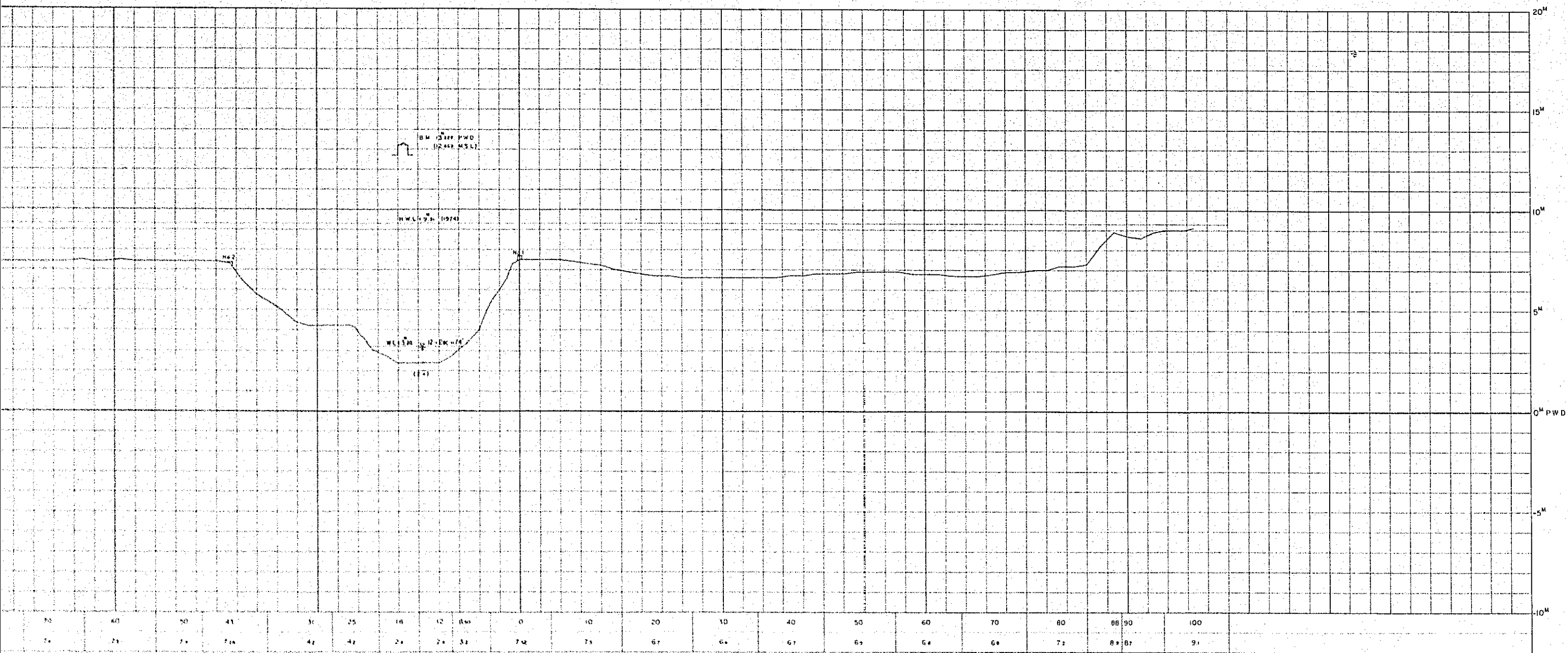
JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS RAILWAY BANGSHI (D-2)	
SCALE H=1:300 V=1:100	APPROVED BY
SURVEYED ON Dec. 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

1:300
1:100

20'
15'
10'
5'
P.W.O.
0'
-5'
-10'

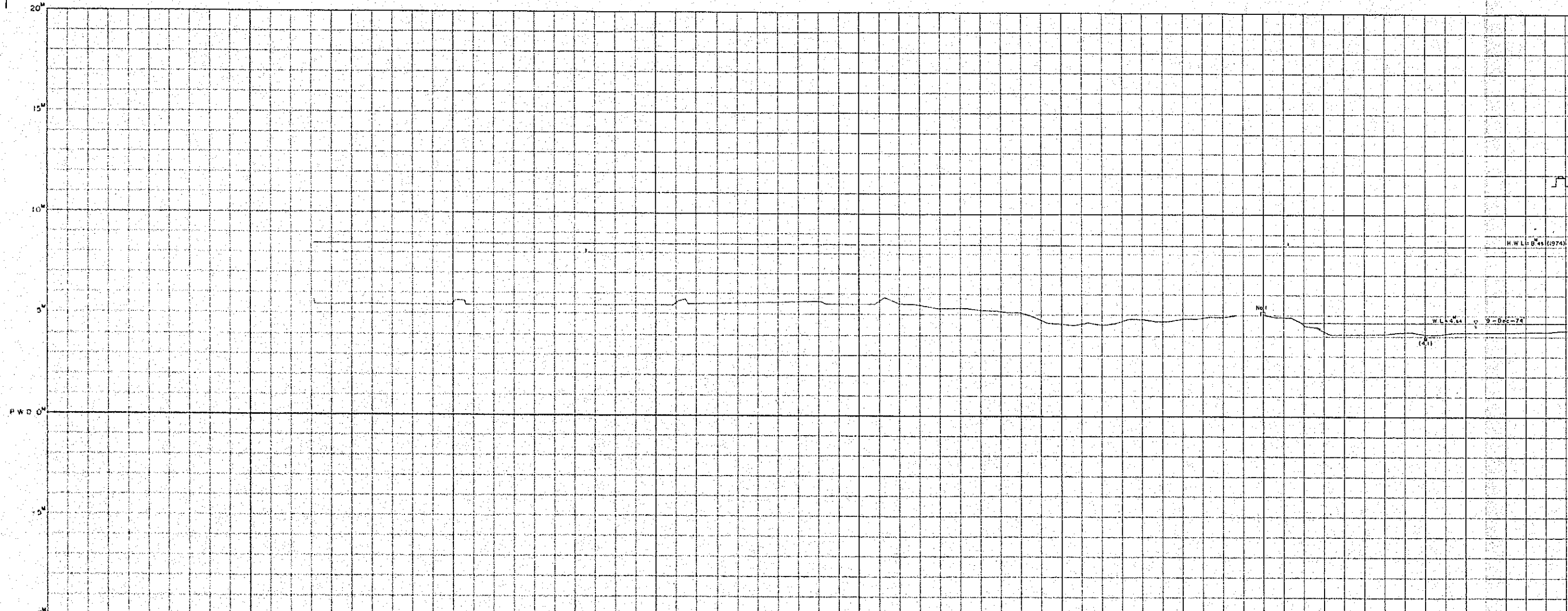


L (M)		140	130	120	110	100	90	80	70	60	50	45	31	25	18	12	0.90	0	10	20	30	40
H (M)		7.0	7.0	7.1	7.2	7.2	7.4	7.4	7.4	7.3	7.4	7.24	4.2	4.2	2.4	2.4	3.2	7.32	7.3	6.7	6.4	6.7

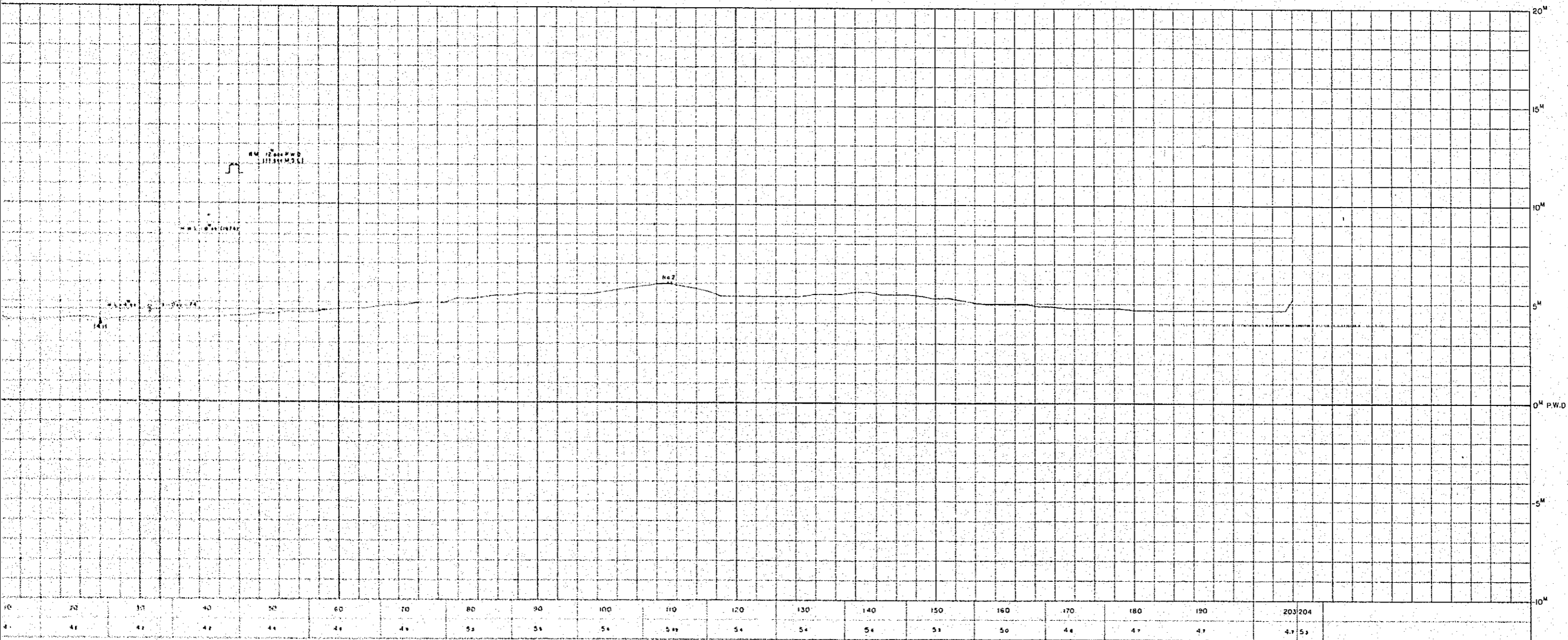


JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS RAILWAY LATIFPUR (D-3)	
SCALE H=1:300 V=1:100	APPROVED BY
SURVEYED ON Dec 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

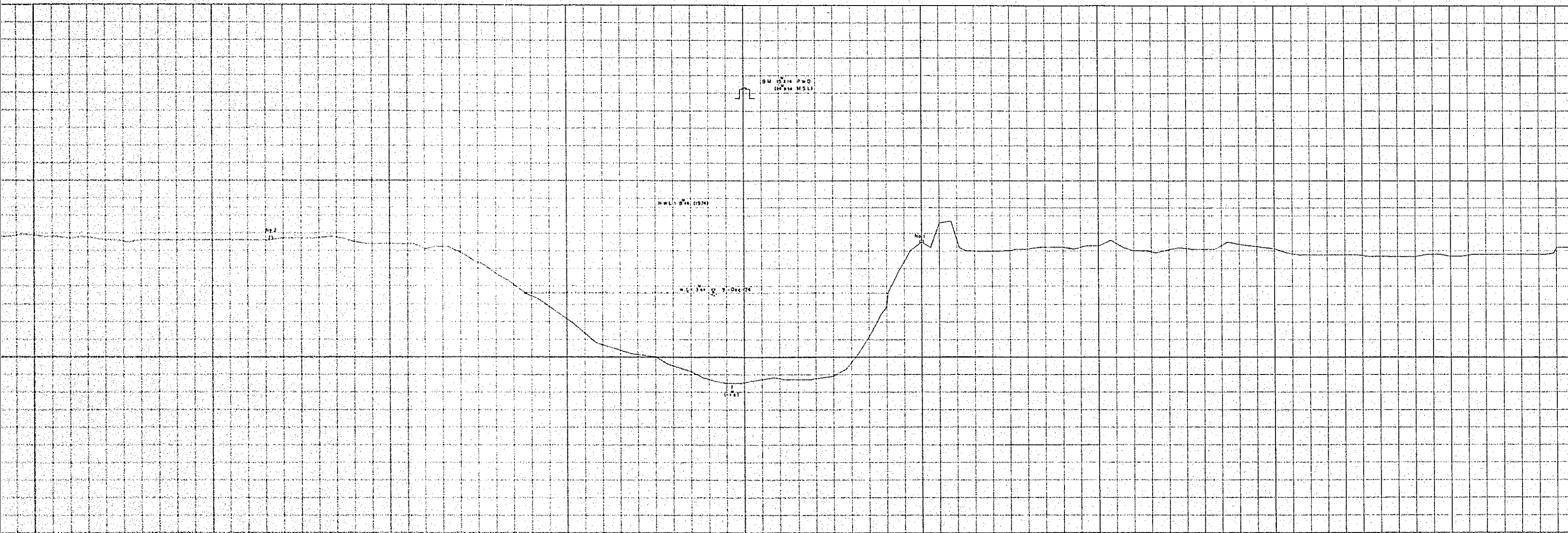
1:300
1:100



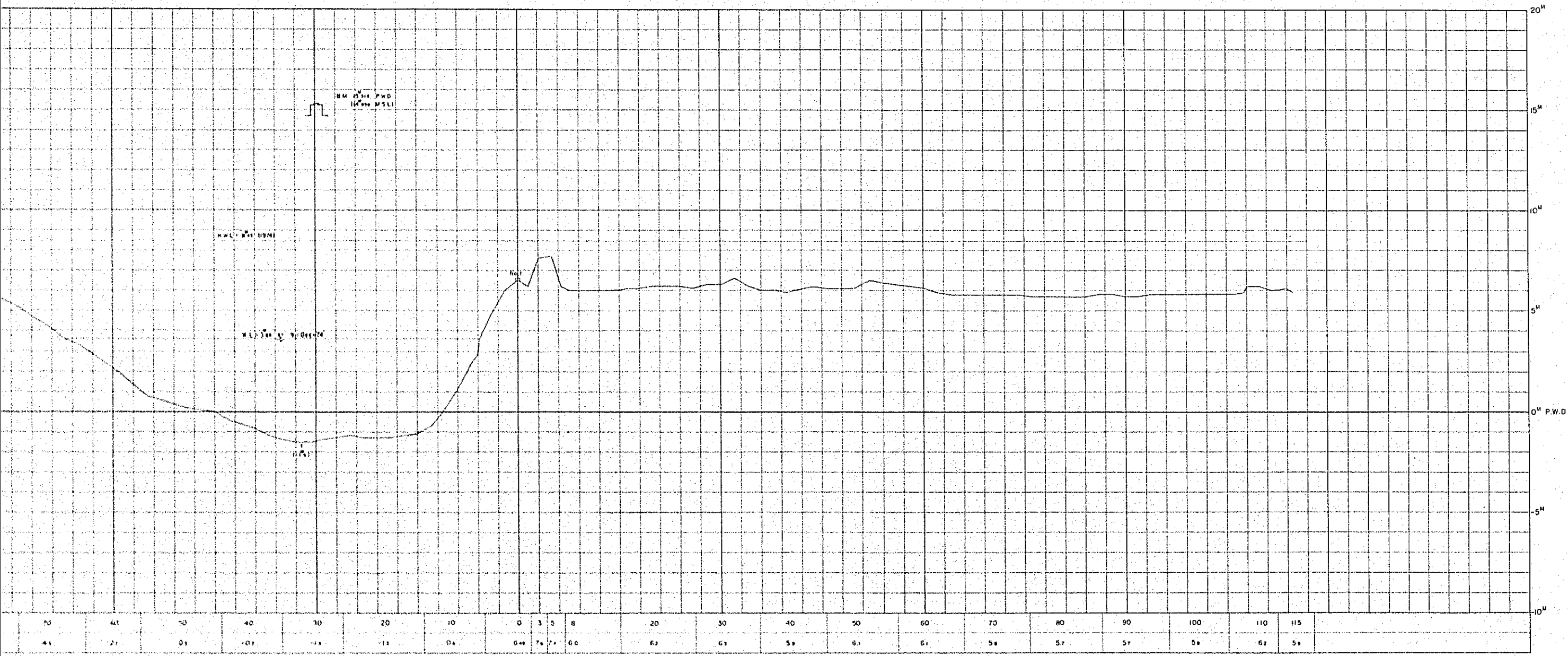
L (M)	140*	130	120, 118	100	87, 85*	70	60	50	40	32	20	10	0	4	10	20	30	40
G.H. (M)	5*	5*	5*, 5*	5*	5*, 5*	5*	5*	5*	5*	4*	4*	4*	5.00	4*	4.1	4.2	4.2	4.2



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS RAILWAY BAIMAIL (E-1)	
SCALE H=1:300 V=1:100	APPROVED BY
SURVEYED ON Dec. 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

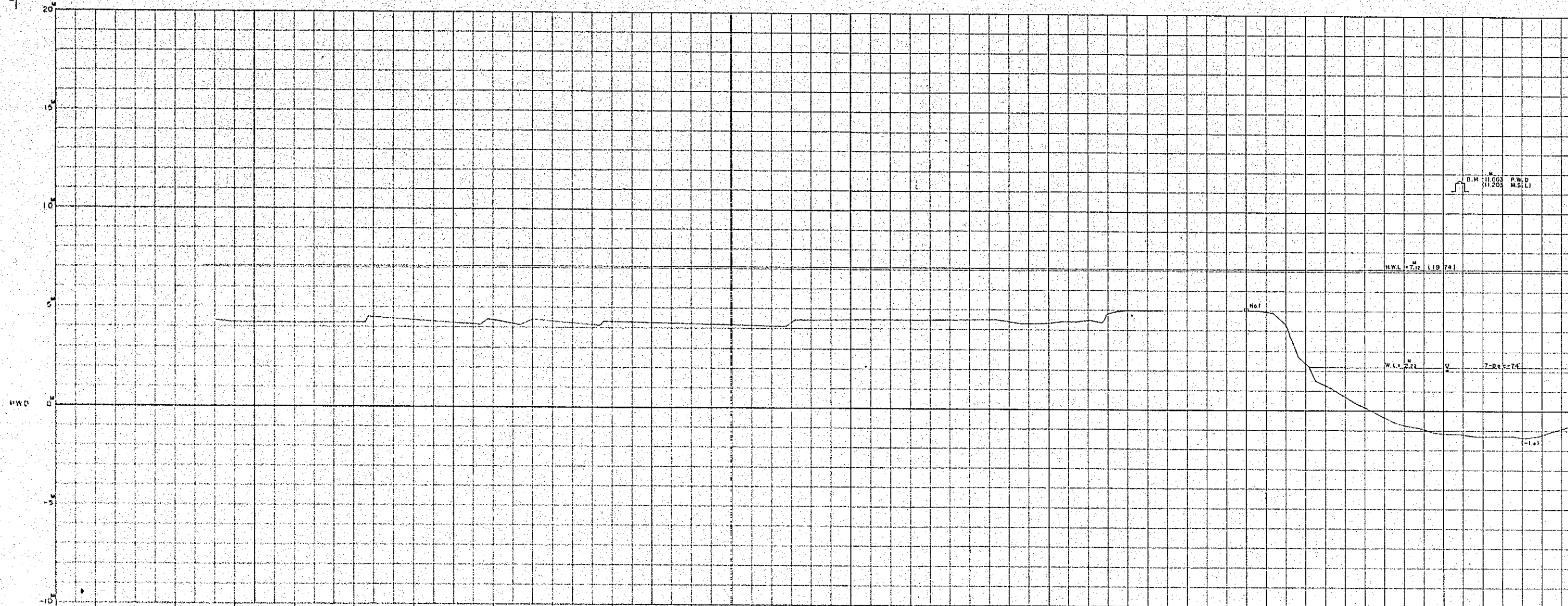


150	145	140	135	130	125	120	115	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150																														
6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS RAILWAY TURAG (E-2)	
SCALE H=1:300 V=1:100	APPROVED BY
SURVEYED ON Dec. 1974	CHECKED BY
SHEET NO. Fig. -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

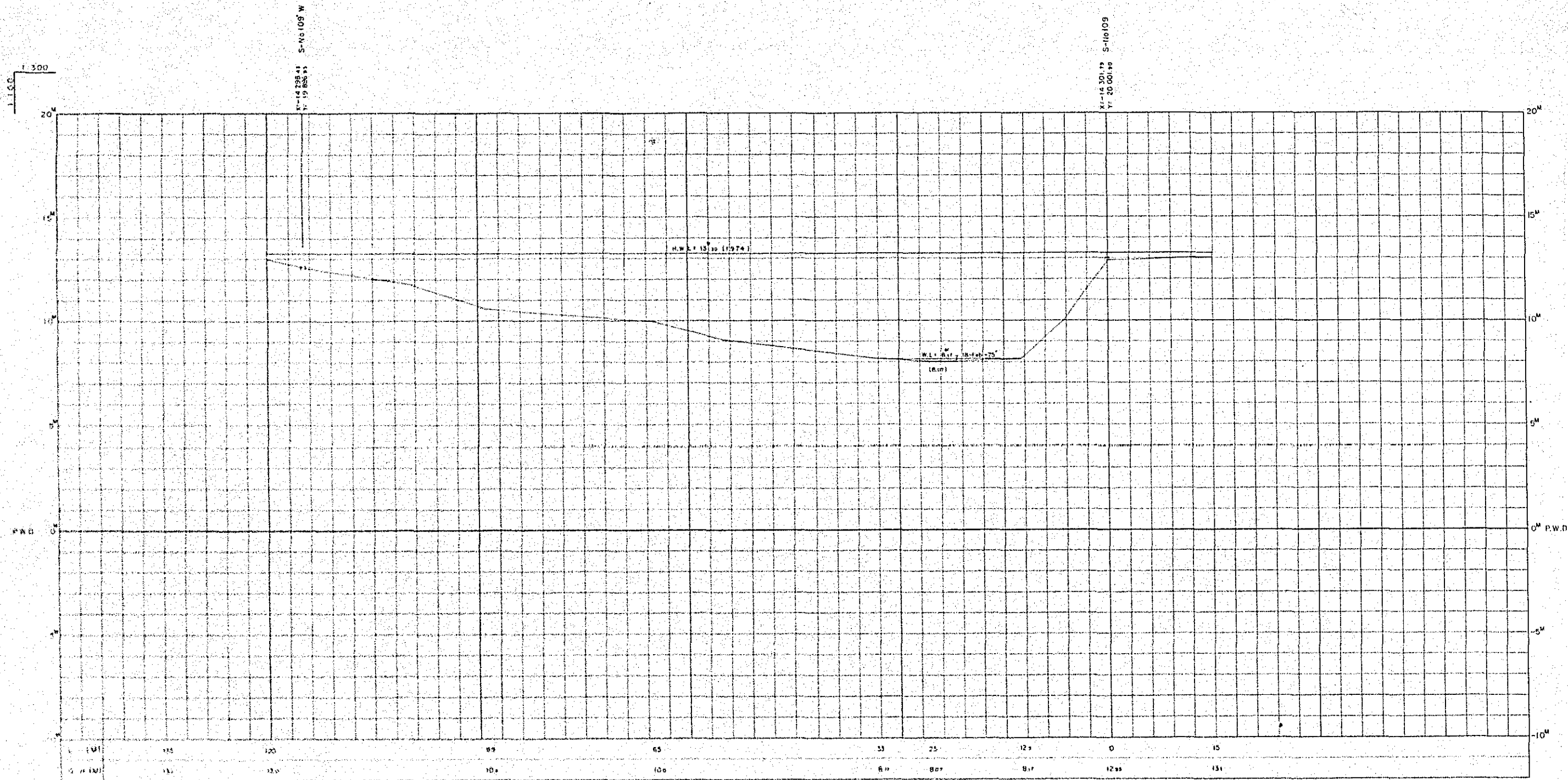
1:300
1100



L (M)	156	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	4	10	20	30	40
G.H (M)	4.5	4.4	4.2	4.4	4.2	4.1	4.1	4.1	4.1	4.1	4.4	4.5	4.5	4.5	4.8	5.0	5.0	4.9	2.9	-0.3	-1.2	-1.3



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS RAILWAY TUNGI (F)	
SCALE H=1:300 V=1:100	APPROVED BY
SURVEYED ON Dec. 1974	CHECKED BY
SHEET NO. Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	



JAPAN INTERNATIONAL COOPERATION AGENCY	
PEOPLE'S REPUBLIC OF BANGLADESH	
JAMUNA RIVER BRIDGE PROJECT ACCESS HIGHWAY S-NO.109	
SCALE H* 1:300 V* 1:100	APPROVED BY
SURVEYED ON Feb. 1975	CHECKED BY
SHEET NO, Fig -	DRAWN BY
INTERNATIONAL ENGINEERING CONSULTANTS ASSOCIATION	

