

THE PEOPLE'S REPUBLIC OF BANGLADESH
FLOOD PLAN COORDINATION ORGANIZATION

FEASIBILITY STUDY
ON
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
OF
BANGLADESH FLOOD ACTION PLAN NO.8A

FAP 8A

DATA BOOK II
TOPOGRAPHIC SURVEY DRAWINGS

JUNE 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

A-23

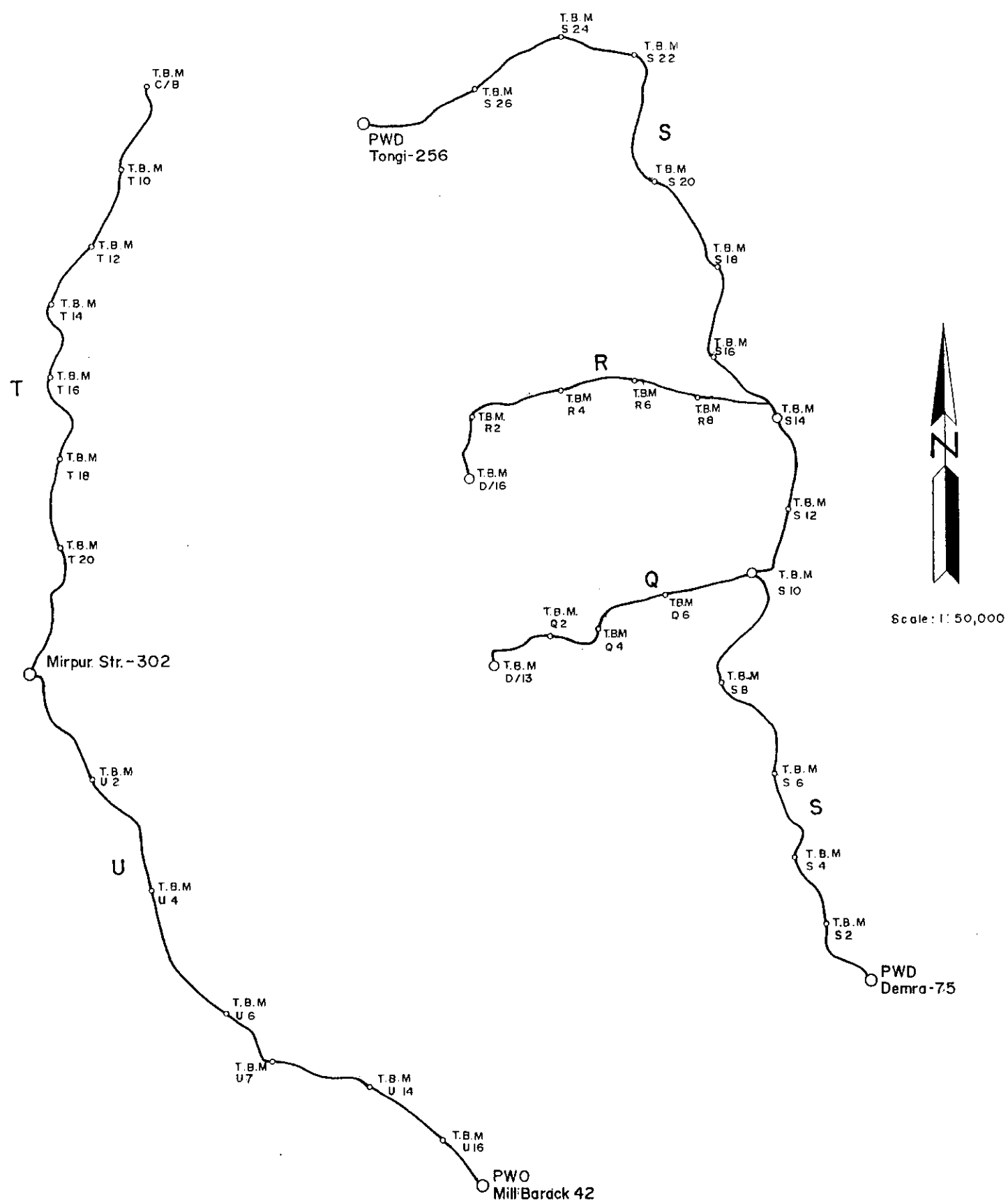
13/11/92

CONTENTS

1.	LEVELING NETWORK MAP AND LOCATION MAP OF LONGITUDINAL / CROSS SECTION SURVEY AND TOPOGRAPHICAL SURVEY
2.	DESCRIPTION OF BENCH MARK
3.	EMBANKMENT AND FLOOD WALL
3.1	WEST EMBANKMENT (GREATER DHAKA)
3.2	ROAD CUM EMBANKMENT (GREATER DHAKA)
3.3	EAST EMBANKMENT (GREATER DHAKA)
3.4	INNER EMBANKMENT (GREATER DHAKA)
3.5	DND EMBANKMENT (NARAYANGANJ)
3.6	WEST EMBANKMENT (NARAYANGANJ)
3.7	EAST EMBANKMENT (NARAYANGANJ)
4.	RIVER
4.1	DHALESWARI RIVER
4.2	BRIGANGA RIVER
4.3	TURAG RIVER
4.4	LAKHYA RIVER
4.5	BALU RIVER
5.	CANAL (KHAL)
5.1	GREATER DHAKA (DB-1 ~ DC-22)
5.2	NARAYANGANJ (N-1 ~ N-24)
6.	PUMP STATION
6.1	GREATER DHAKA (NO.1 ~ NO.5, NO.15, NO.16)
6.2	NARAYANGANJ (NO.6 ~ NO.13)

- 6
1. LEVELING NETWORK MAP AND LOCATION MAP OF
LONGITUDINAL / CROSS SECTION SURVEY AND
TOPOGRAPHICAL SURVEY

Leveling Net Work Map



Leveling

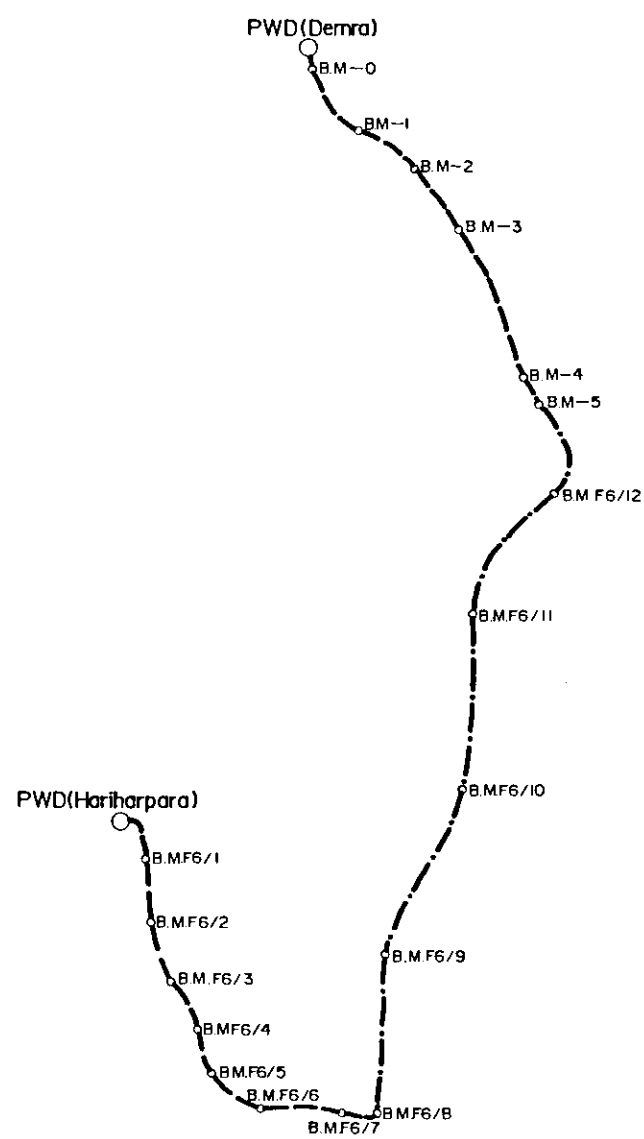
- PWD BM
- Connected TBM
- Temporary BM

Surveyed on June 1991

Leveling Net Work Map



SCALE: 1:50,000

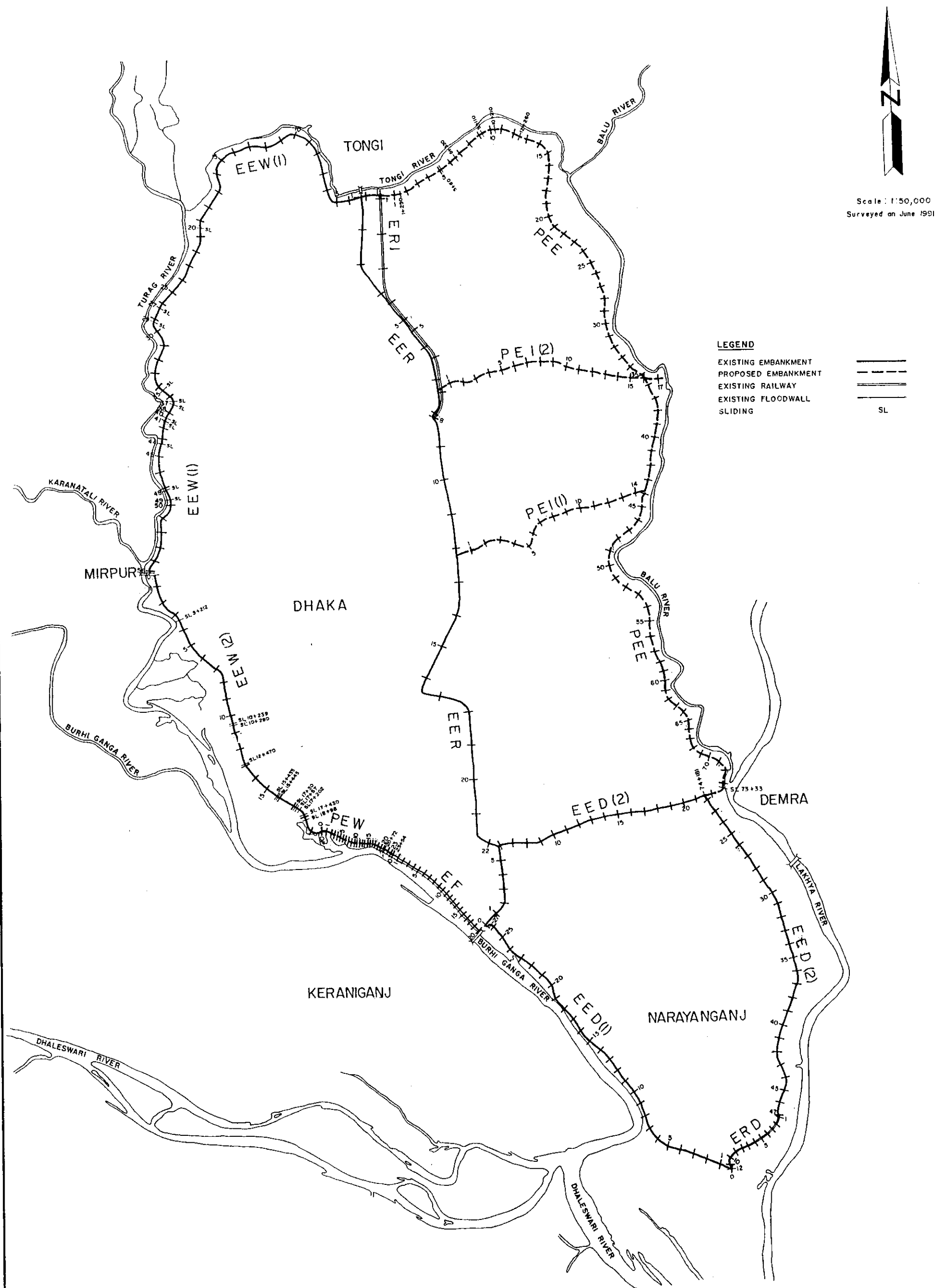


Leveling

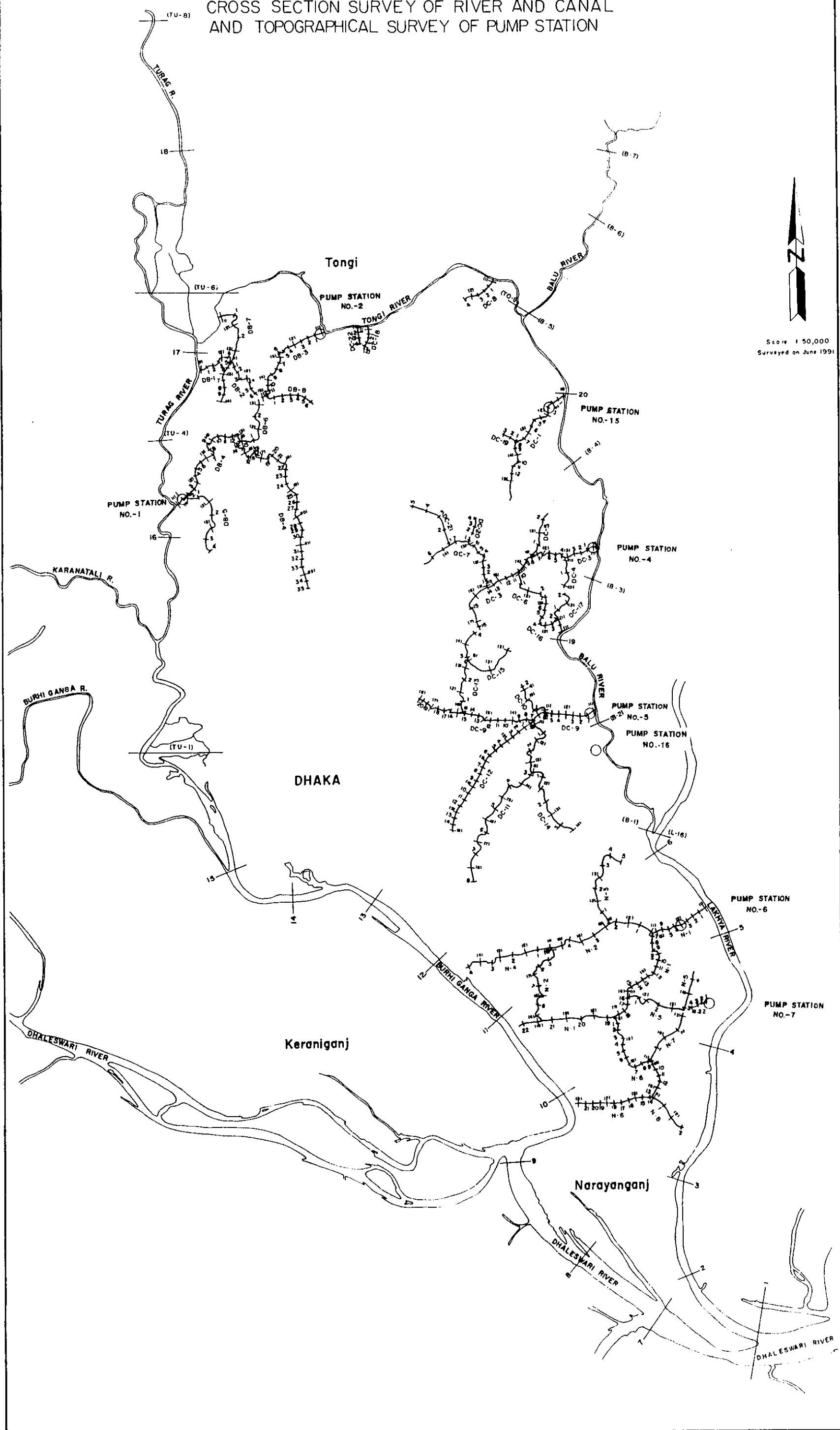
- PWD BM
- Temporary BM

Surveyed on October, 1991

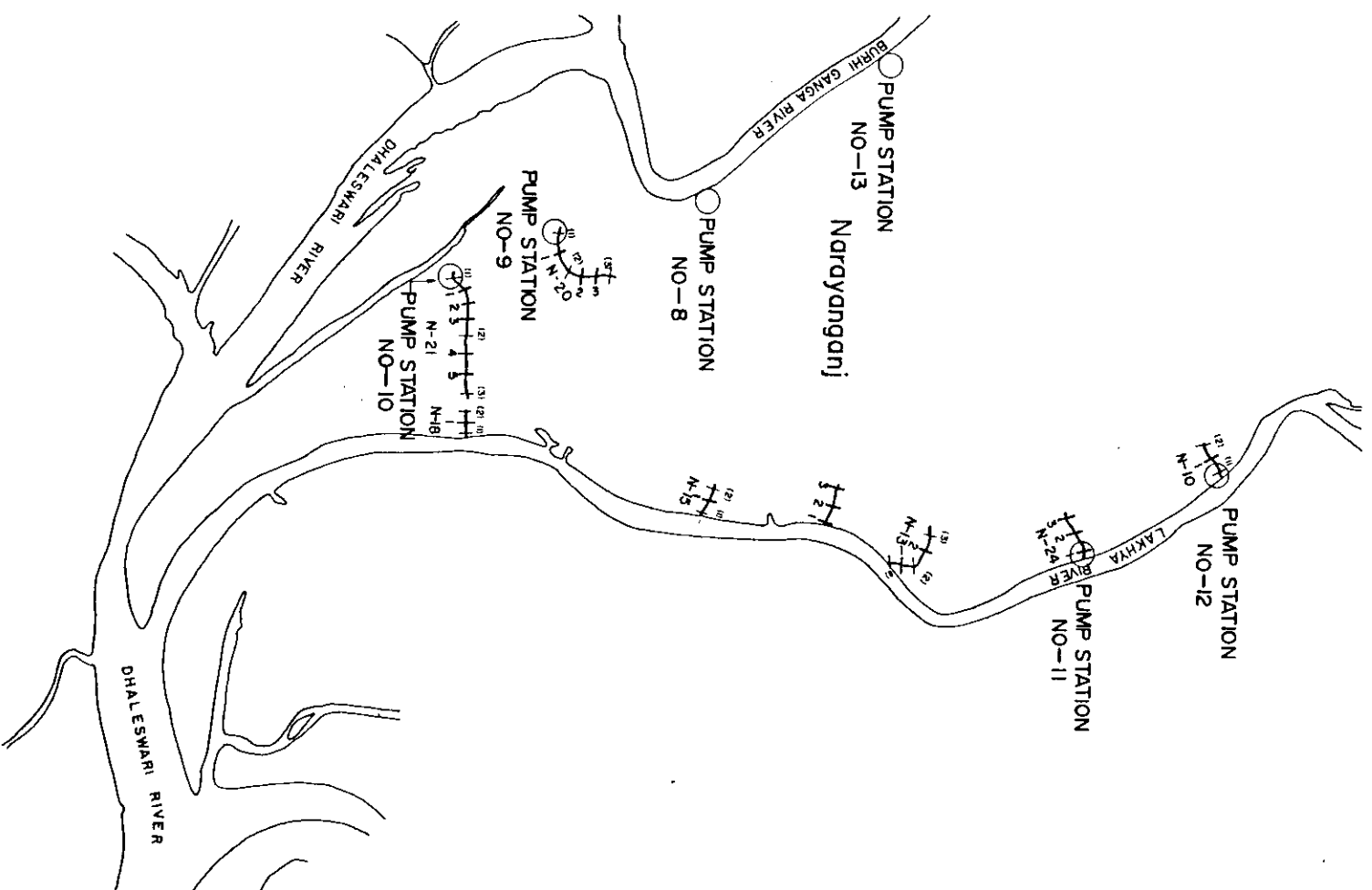
LOCATION MAP OF PROPOSED AND EXISTING EMBANKMENT



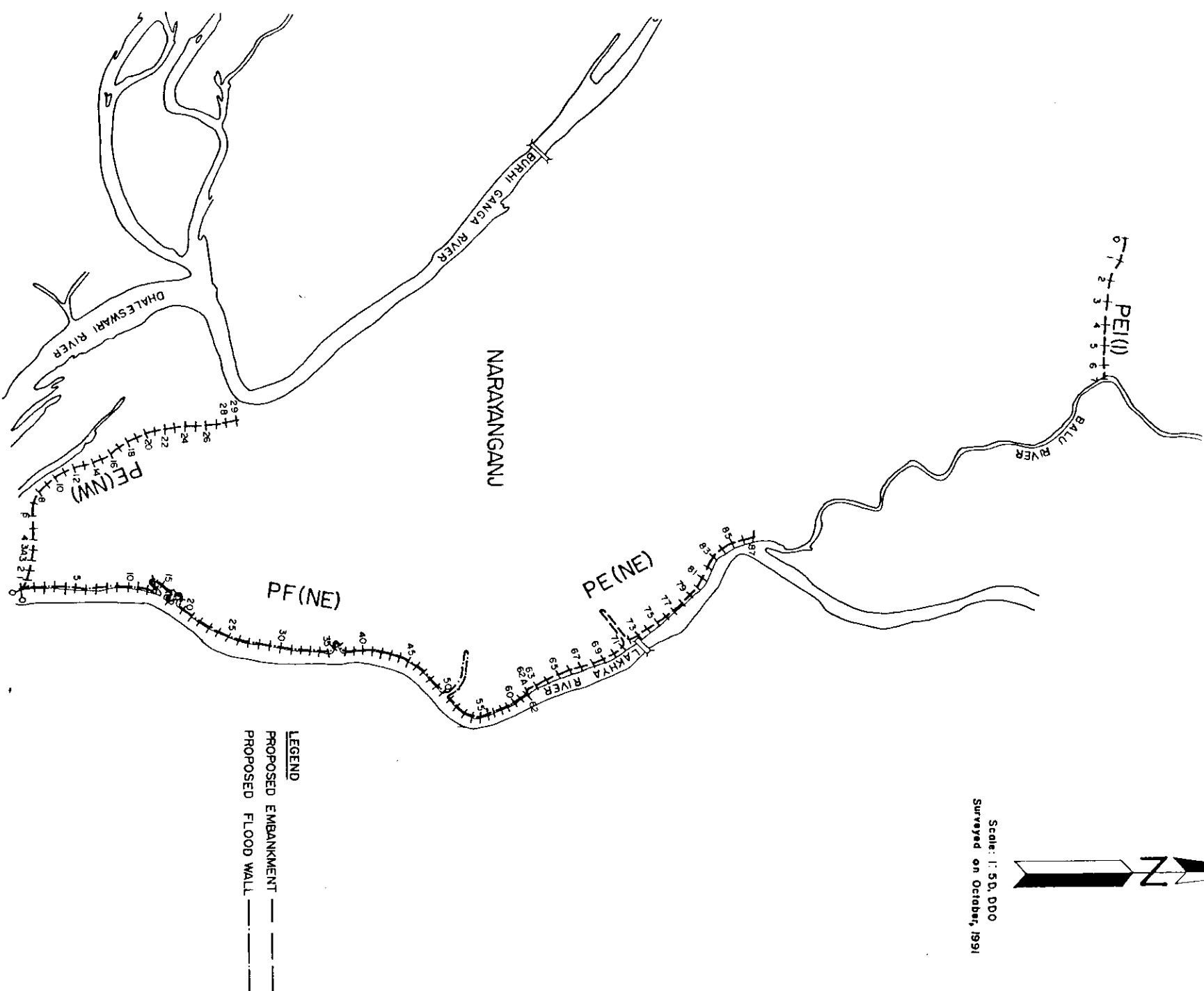
LOCATION MAP OF LONGITUDINAL AND
CROSS SECTION SURVEY OF RIVER AND CANAL
AND TOPOGRAPHICAL SURVEY OF PUMP STATION



LOCATION MAP OF LONGITUDINAL AND CROSS SECTION SURVEY OF CANAL AND TOPOGRAPHICAL SURVEY OF PUMP STATION



LOCATION MAP OF PROPOSED EMBANKMENT AND FLOOD WALL



Scale: 1:50,000
Surveyed on October, 1991



LEGEND
PROPOSED EMBANKMENT ———
PROPOSED FLOOD WALL ———

2. DESCRIPTION OF BENCH MARK

BM.NO.	Description of Bench Mark Locations.	NSL/ML(M)	Remarks.
Line -2 (Sub-Embankment) from BM D13 to BM 10 of proposed Embankment at Beraid Muslim High School.			
B-13	Marked on the ninth level north west corner of Shop No.74/75,Hossein Super-market,north Badda,Dalshan,Bhakar.	6.601	
D-1	Marked on the plinth level south west corner of "ALIMUL DIAN FURNITURE" house Monil,North Badda,Satarfai Road.	6.323	
D-2	Marked on the base of Electric Pole which is east side of Ali Jahang Paltan's house at Satarfai Village.	4.193	
D-3	Marked on the base of Power Pole which is west side of Satarfai bridge on Badda Beradia road.	3.245	
D-4	Marked on the base of Power pole which is north east corner from the house of Golokha at Satarfai village.	4.527	
D-5	Marked on the B.C.C. pipe which is west side of Panch Kholia village and north side of Beraid road.	1.745	
D-6	Marked on the ninth level near south east corner door of Family planning "elfaro Centre" at Beraid village.	6.214	
D-7	Marked on the north west corner of bridge which is west side of Beraid bazar.	6.637	
S-10	Marked on the bottom of pillar of south gate at Beraid Muslim High School.	6.045	
Line-3			
11	Marked on the north west corner of water tank at Rice Mill which is near Junction of Bala River and Beraid Khat.	5.148	
12	Marked on the wooden peg of wooden bridge which is at the junction of Rashid Khati Khat and Bala River.	3.096	
13	Marked on the plinth level at the front door of Mosque at Patira village.	6.051	
14	Marked on the plinth level at the door of shop belongs to Haji Hashim Ali at Patira Market.	6.146	
15	Marked on the south west corner of Patira First bridge.	6.078	
16	Marked on the bottom of south side pillar at Talna Jam-mosque.	6.249	
17	Marked on the south east corner of bridge at Talna village.	6.674	
18	Marked on the plinth level at the door of Letrin belongs to Basud Mia of Talna village.	6.878	
19	Marked on the plinth level south east corner of a building belongs to Nurul Islam Member at Baturia village.	7.237	
20	Marked on the plinth level of Pucca Letrin which is front side of Shambuddin's house at Palana village.	5.684	
21	Marked on the south east corner of Plinth form of a tube-well near the house of Hariondha at Komokhola village.	6.937	

BM.NO.	Description of Bench Mark Locations.	NSL/ML(M)	Remarks.
Line-4 (Sub-Embankment from BM D-16 to BM-14 of proposed Embankment).			
D-16.	...	7.742	
1	Marked on the plinth level south east corner of Railway crossing guard room at Kuril Highway.	B-055	
2	Marked on the base of Electric Pole which is behind the News Paper Sales Centre & is east side of Almirat road.	7.156	
3	Marked on the plinth level south west corner of Jackson Hall Dressing Shop at Khatket,Battalin,Dhaka Cantt.,Dhaka 1208.	6.280	
4	Marked on the B.C.C.Pillar which is south side of Baura road & is east side of Kampona Mosque.	4.466	
5	Marked on the north west corner of Baura bridge which is about 1 km.East from the Yammoura village.	3.276	
6	Marked on the plinth level south west corner of a building belongs to Patil Harue Hadi at Baura village.	6.805	
7	Marked on the south east corner of bridge which is west side of Domai village.	5.623	
8	Marked on the south east corner of bridge which is west of Domai Yime Masjidamak School.	5.723	
9	Marked on the south west corner of bridge which is east of Domai Niman Masjidamak School.	7.349	
10	Marked on the south east corner of grave-yard boundary wall at Patira village which is north side of road.	7.452	
S-14	Patira Bazar on proposed embankment.	6.146	

BM.NO.	Description of Bench Mark Locations.	NSL/ML(M)	Remarks.
Line-5.			
22	Marked on the plinth level north east corner of a house of Alnaddin at Uttar Ujampur village.	7.126	
23	Marked on the plinth level south side of Mosque which is near the house of Ajhar Bhuiyan at Macchaid village.	6.976	
24	Marked on the plinth level north east corner of Mochaid Missionary Primary School.	6.815	
25	Marked on the base south east corner of Tower of ULON-TONGI POWER LINE at Botolin village.	4.746	
26	Marked on the plinth level at door of Pased Rice and Flower Mill at Uttarkhan Rajabari bazar.	4.768	
27	Marked on the north east corner of Kothari Abdullour bridge.	B-059	
PWD BM Tongi 299		10.248	

BM.NO.	Description of Bench Mark Locations.	NSL/ML(M)	Remarks.
LINE - 6 : Line from BM-Demra to Tongi Along proposed embankment.			
BMWB. Demra 7-5		6.493	
1	Marked on the plinth level of house belongs to Khurshed Alam which is opposite of Sonali Silk Mills Ltd. at Narailbag,Demra.	5.850	
2	Marked on the plinth level of Family planning Centre,Demra Union Parishad,Demra, Dhaka.	6.304	
3	Marked on the plinth level of house belongs to Ajmer Ali,Ex-Chairman at folakolia village.	6.632	
4.	Marked on the plinth level of Verandha of Dipur Primary School.	6.347	
5	Marked on the plinth level south east corner of Mosque at Malekha village.	6.290	
6	Marked on the plinth level near south side door of Kayedman Mosque.	6.434	
7	Marked on the Power Pole Joint at Edarkandi village.	5.285	
B	Marked on the plinth level south east corner of Mosque at Fakirandi village.	5.740	
9	Marked on the south east corner of Pucca drain wall which is north bank of Fakirandi Khat.	4.032	
10	Marked on the bottom of pillar of south gate at Beraid Muslim High School.	6.045	

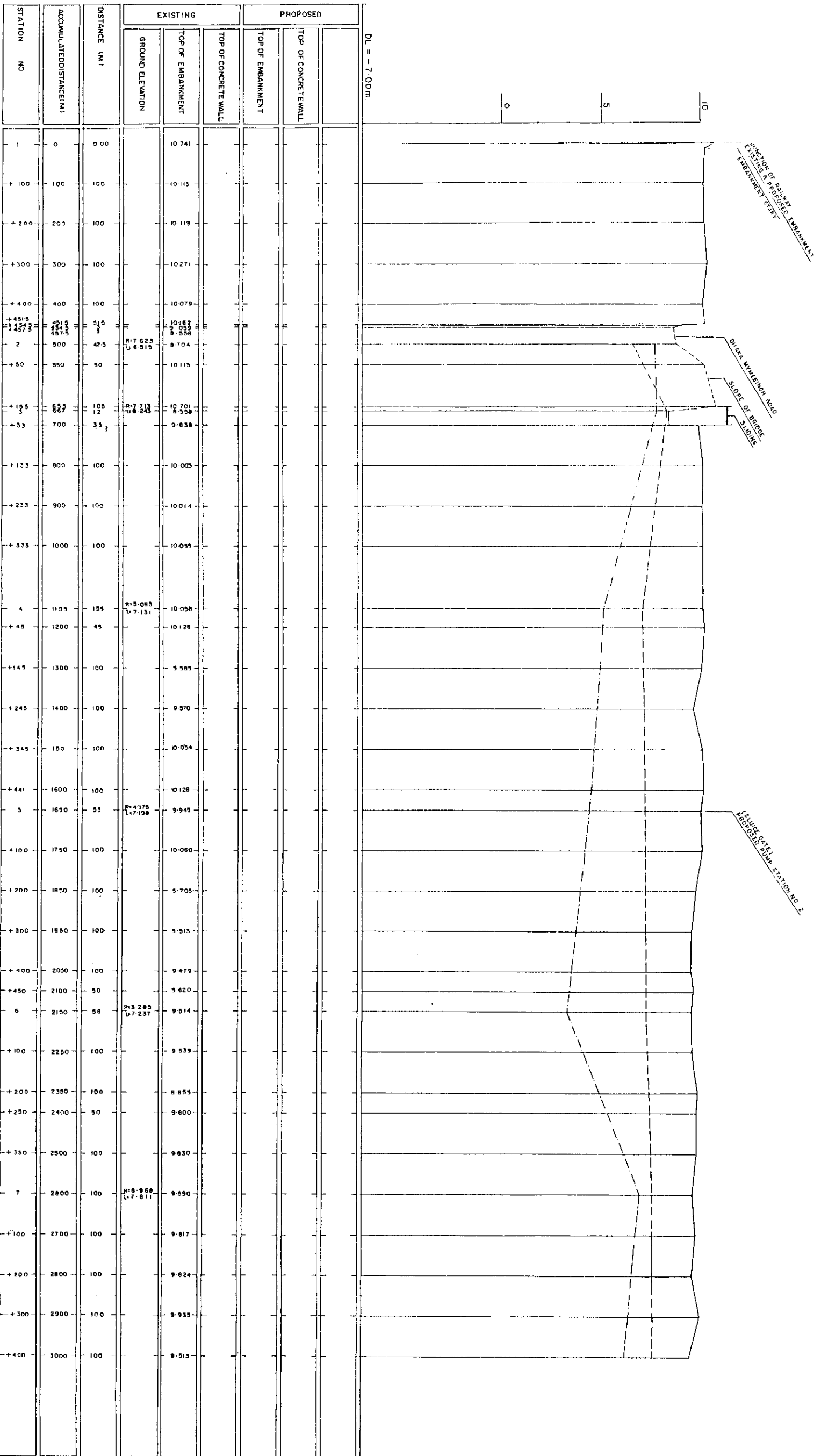
BM.NO.	Description of Bench Mark Locations.	NSL/ML(M)	Remarks.
LINE - 7 : From BMCG			
C-8	...	1D-17B	
T-9	Marked on the south west corner of sluice gate abutment wall at DB-1 on Daur Mouza 1.5 km north from Alukdia Mouza.	8.832	
T-10	Marked on the top of B.C.C.pillar which is 40m south from centre line of embankment and 1.45 km north from Alukdia village.	2.732	
T-11	Marked on the top of partial bar of Tower 132 K.V. Line 10m 30' from centre line of embankment at about 1.40 km south east corner of Birulia village.	5.241	
T-12	Marked on the top of B.C.C. pillar at the edge of embankment about 1.35 km south east from Birulia village and 1.5 km west from Alukdia village.	9.650	
T-13	Marked on the top of B.C.C.Pillar which is Right side of embankment at about 1km north west from Birulia village.	9.451	
T-14	Marked on the top of pillar which is left edge of embankment at about 500m west from Alukdia village and 300m east from Birulia village.	9.976	
T-15	Marked on the top of B.C.C. pillar which is right edge of embankment in between Shomlio and Alukdia village at Chat-bari mouza.	9.954	
T-16	Marked on the north west corner of abutment wall of Sluice Gate No-2 at Chat-bari mouza.	8.745	

<u>BM NO.</u>	<u>Description of Bench Mark Locations.</u>	<u>MSL/RL(M)</u>	<u>Remarks.</u>	<u>BM NO.</u>	<u>Description of Bench Mark Locations.</u>	<u>MSL/RL(M)</u>	<u>Remarks.</u>	<u>BM NO.</u>	<u>Description of Bench Mark Locations.</u>	<u>MSL/RL(M)</u>	<u>Remarks.</u>
	<u>Line - 1.</u>				<u>Line-1: From BM DB, BM 3D2 Mirpur to BvDB, BM 42 Mill Barrack.</u>				<u>Line-1:</u>		
T-17	Marked on the base of 133 KV line which is situated east side of embankment and west side of Belmical Garden Tower No. 176m at Naraberg village.	5.710		U-1	Marked on the plinth level which is south east corner of Hazilal Fakir Jame-Mosque at Gohatal.	6.44D		U-1D	Marked on the plinth level of the Low lift pumping station, Naigola, Dhaka.	7.489	
T-18	Marked on the top of puccin sest bench infront of Golam Ali's Teastall at Naraberg which is east from embankment and west from zoo.	7.348		U-2	Marked on the ton of Abutment wall of Stulce gate at Mohammadpur.	5.951		U-11	Marked on the <u>plinth level east</u> side of Ghani Mior Hat Zam-e-Mosque at Imamgonj, Dhaka.	7.394	
T-19	Marked on the base of Electric post 20m east from Naraberg Club and east from embankment at Naraberg village.	6.289		U-3	Marked on the top of tube well plinth into the Shapna-hir Housing Society area near embankment at Mohammadpur.	5.322		U-12	Marked on the plinth level south east corner of house belongs to HAZI ABDUL ALI and Co. at 43/1, Imamgonj Bazar lane Dhaka.	7.033	
T-20	Marked on the top of plinth level at Ali Ahmed's house No-4 at Daburi Mouza, south from embankment.	7.248		U-4	Marked on the top of plinth level and Old BM, M-2 and infront of Ali and Noor Real Estate office at Jikotola.	5.948		U-13	Marked on the plinth level infront of Slt SALMOLLA MEDICAL COLLEGE HOSPITAL at No.3, Naigola, Dhaka.	7.882	
T-21	Marked on the top of Flood Protection wall and west side of Nice Mill at Zhammadd village.	8.457		U-5	Marked on the top of plinth level and Old BM, M-4 and north west corner of M.R. Tinnari Office at Narabgonj.	5.595		U-14	Marked on the plinth level at the entrance door of Municipality Talilct at Babu Bazar Ferry Ghat, Dhaka.	7.412	
BvDB	Mirpur 302	10.006		U-6	Marked on the top of plinth level which is south west corner of Doctor's Chamber into the Nawabgonj Children Park.	6.230		U-15	Marked on the plinth level at the entrance door of Nawabari Ghat Jam-e-Mosque, Dhaka.	6.307	
				U-7	Marked on the base of power post infront of the Lalbeg Shasan Kholn Gate.	6.203		U-16	Marked on the plinth level south east corner of T.C.T.A. Terminal at Sadarghat, Dhaka.	6.778	
				U-8	Marked on the plinth level of House No. 142, Islambag which is belongs to Mostafa.	5.737		U-17	Marked on the gate of SAKHINA SAY MILL at No.1, Uttirgonj Lane, Parashgonj, Dhaka.	7.204	
				U-9	Marked on the 2nd step of stair which is infront side of Master book house 40/1 Islambag, Dhaka. This book house is East of Islambag Idgan.	6.058		BvDB, Mill Barrack 42		6.424	

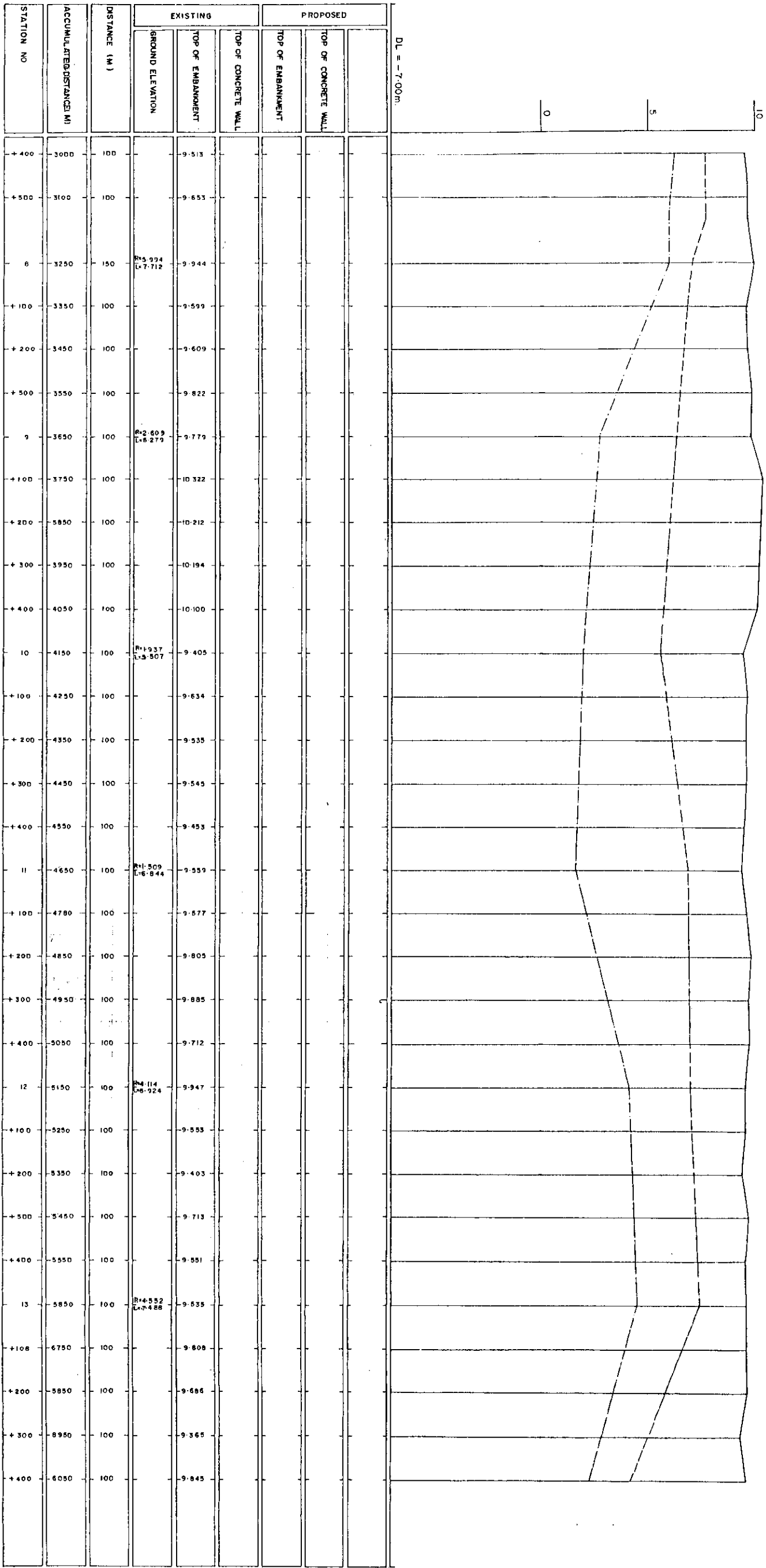
3. EMBANKMENT AND FLOOD WALL

WEST EMBANKMENT (GREATER DHAKA)
ROAD CUM EMBANKMENT (GREATER DHAKA)
EAST EMBANKMENT (GREATER DHAKA)
INNER EMBANKMENT (GREATER DHAKA)
DND EMBANKMENT (NARAYANGANJ)
WEST EMBANKMENT (NARAYANGANJ)
EAST EMBANKMENT (NARAYANGANJ)

Note: The Drawings were scaled down to 50% from the original drawings.

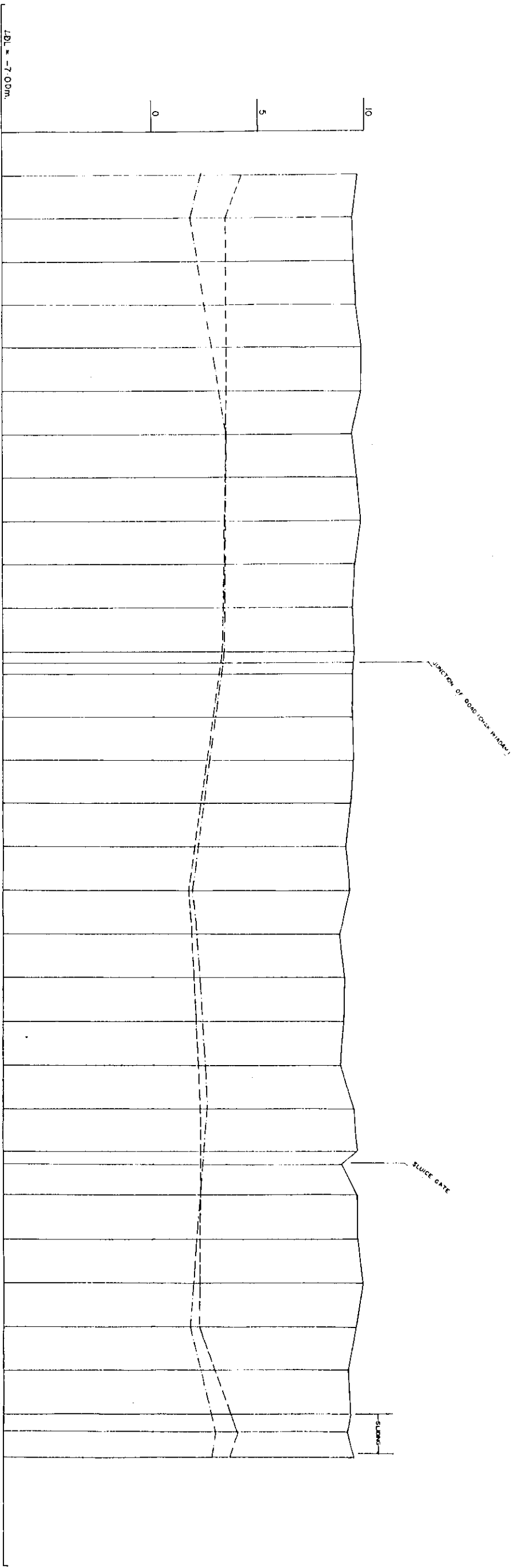


LEGEND
 TOP OF EMBANKMENT
 GROUND ELEVATION
 RIGHT
 LEFT



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

GREATER DHAKA PROTECTION PROJECT
STUDY IN DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO.8A
DHAKA METROPOLITAN AREA
EXISTING WEST EMBANKMENT (1)
LONG SECTION
SCALE 1:1000
DATE JUNE 1991
DWG. NO. EEW11/L-2
JAPAN INTERNATIONAL CO-OPERATION AGENCY



STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	
+400	6050	100		9.643				
+4	6150	100	R+1.751 L+3.438	9.343				
+100	6250	100		9.439				
+200	6350	100		9.323				
+300	6450	100		9.788				
+400	6550	100		9.780				
+5	6650	100	R+3.446 L+5.435	9.311				
+100	6750	100		9.324				
+200	6850	100		9.729				
+300	6950	100		9.423				
+400	7059	100		9.343				
+5	7150	190	R+3.359 L+3.263	9.414				
+24	7176	26		9.400				
+50	7200	24		9.355				
+150	7300	100		9.310				
+250	7400	100		9.384				
+350	7500	190		9.262				
+450	7600	100		9.006				
+5	7700	100	R+9.954 L+7.659	9.233				
+108	7800	100		9.710				
+200	7900	100		9.956				
+300	8000	100		9.526				
+400	8100	100		9.263				
+5	8200	100	R+2.543 L+2.237	9.388				
+180	8300	100		9.947				
+129	8329	29		9.633				
+200	8400	71		9.572				
+390	8500	100		9.637				
+400	8600	100		9.863				
+5	8700	100	R+1.741 L+2.181	9.527				
+199	8800	100		9.183				
+260	8900	100		9.308				
+29	8940	49	R+2.980 L+3.981	9.166				
+60	9000	60		9.454				

LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 8A

EXISTING WEST EMBANKMENT (1)
DHAKA METROPOLITAN AREA
LONG SECTION

TONGI-MIRPUR BRIDGE
SCALE
DATE

DWG. NO. JEWI/L-3
JUNE 1991

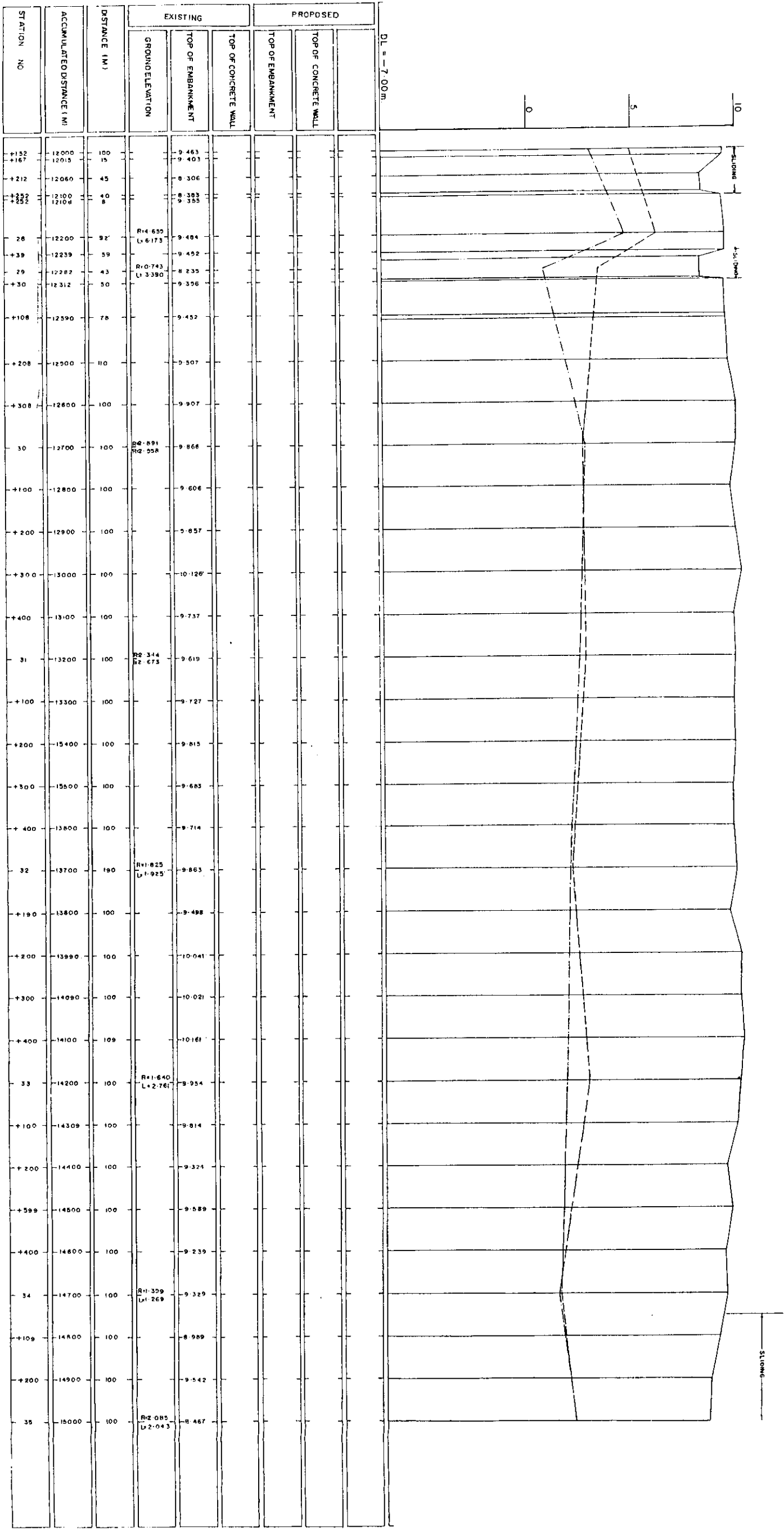
JAPAN INTERNATIONAL CO-OPERATION AGENCY

STATION NO	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	
+50	9000	60		9.454				
+160	9100	100		9.568				
21	9200	100	R2.373 G2.460	9.594				
+100	9300	100		9.635				
+200	9400	100		9.400				
+300	9500	100		9.581				
+400	9600	100		9.530				
22	9700	100	R2.563 G2.177	9.419				
+100	9800	100		9.384				
+200	9900	100		9.510				
+500	10000	100		9.525				
+400	10100	100		9.589				
23	10200	100	R3.569 G2.541	9.595				
+100	10300	100		9.435				
+200	10400	100		9.877				
+300	10500	100		9.859				
+400	10600	100		9.809				
24	10700	100	R2.577 G2.122	9.604				
+100	10800	100		9.515				
+200	10900	100		9.526				
+300	11000	100		9.586				
+400	11100	100		9.558				
25	11200	100	R2.827 G2.815	9.651				
+100	11300	100		9.671				
+200	11400	100		9.710				
+300	11500	100		9.459				
+400	11600	100		8.549				
26	11700	100	R2.455 G2.887	9.462				
+100	11800	100		9.335				
+108	11800	8		9.218				
+137	11837	28	R11.782 G15.917	7.817				
27	11848	11		7.820				
+34	11892	34		7.820				
+52	11800	18		9.445				
+152	12000	100		9.485				

LEGEND

TOP OF EMBANKMENT	_____
GROUND ELEVATION	_____
RIGHT	_____
LEFT	_____

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.BA		
DHAKA METROPOLITAN AREA EXISTING WEST EMBANKMENT (1) LONG SECTION		
TONGI-MIRPUR BRIDGE	SCALE	1 : 5 000
DWG. NO.	EEM/IL-*	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

SREATER DHAKA PROTECTION PROJECT

(STUDY IN DHAKA METROPOLITAN AREA)

BANGLADESH FLOOD ACTION PLAN NO.8A

EXISTING WEST EMBANKMENT (1)

LONG SECTION

DWG. NO. EWH11/L-5

SCALE 1:1,000

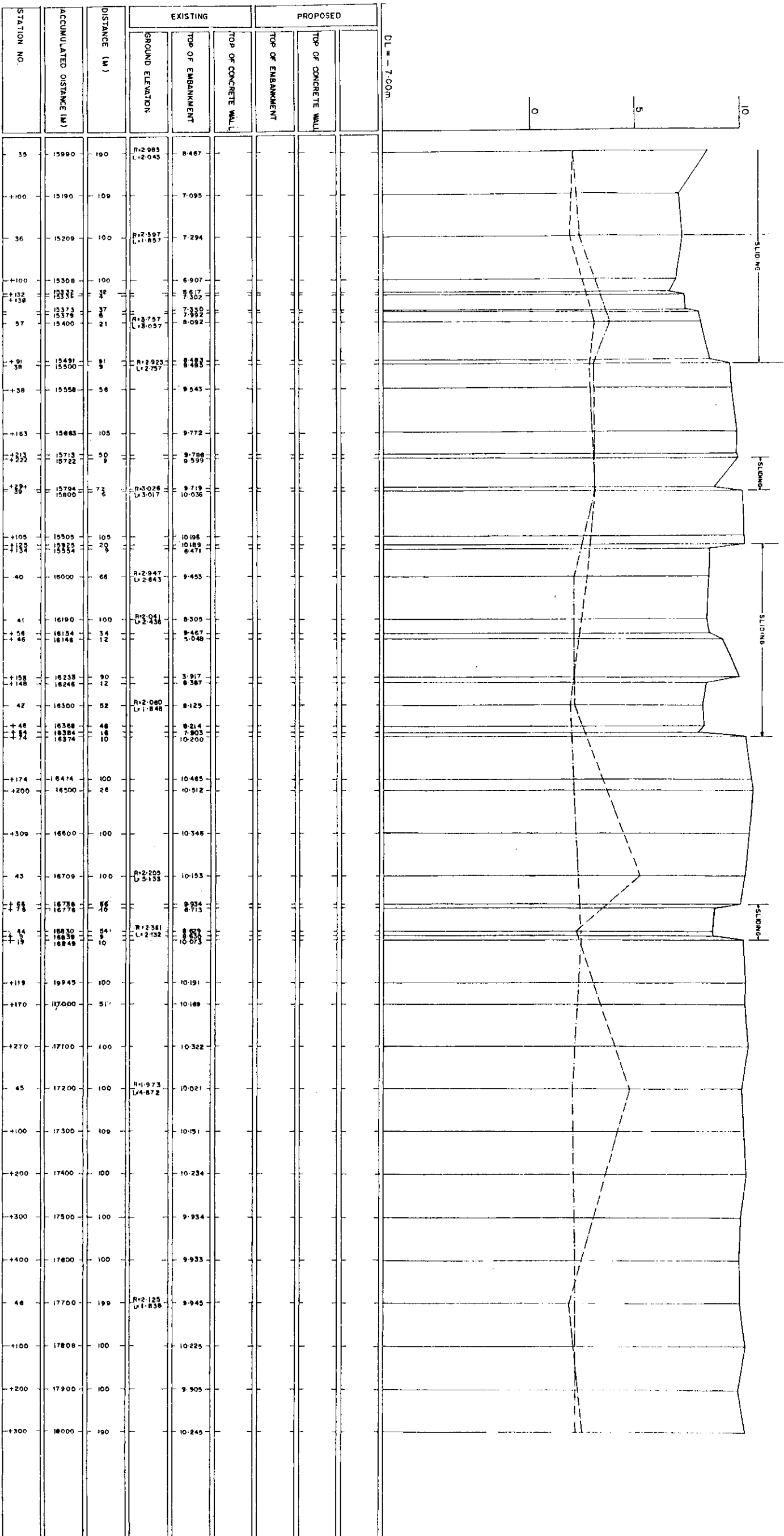
DATE JUNE 1991

OHAKA METROPOLITAN AREA

TONGI-MIRPUR BRIDGE

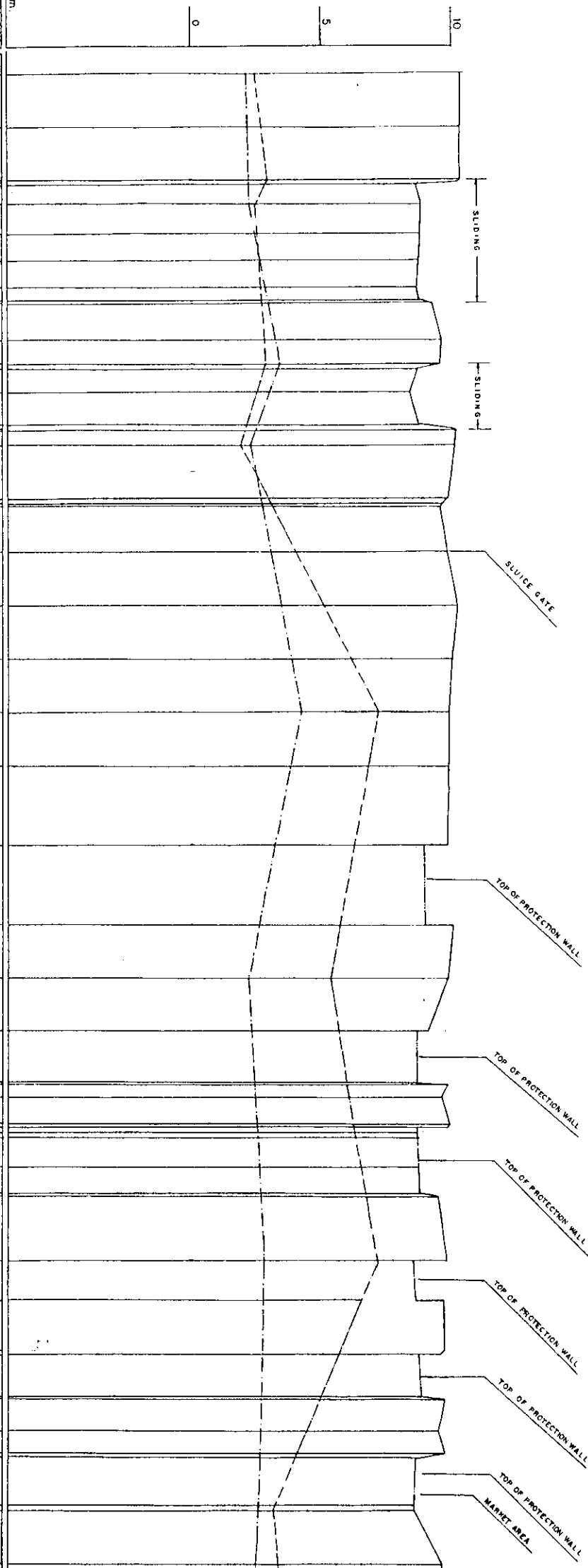
JAPAN INTERNATIONAL CO OPERATION AGENCY

SLUICE GATE
PROPOSED PUMP STATION NO. 1



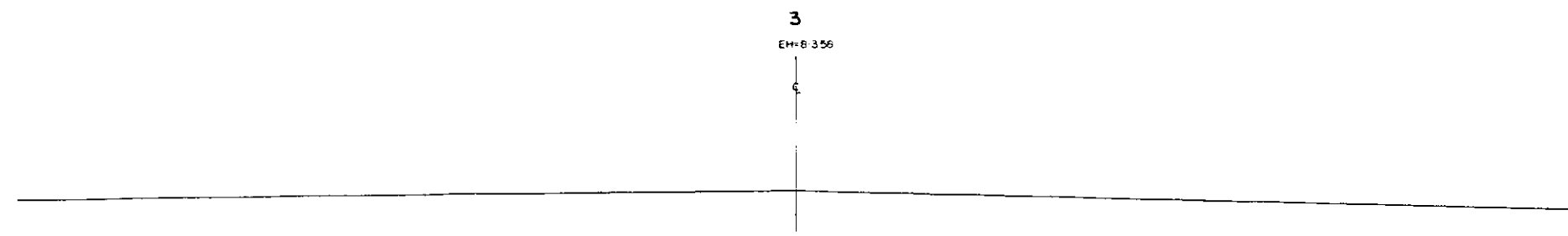
LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO.9A
EXISTING WEST EMBANKMENT(1)
LONG SECTION
TONGI-MIRPUR BRIDGE
SCALE
DATE
JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY

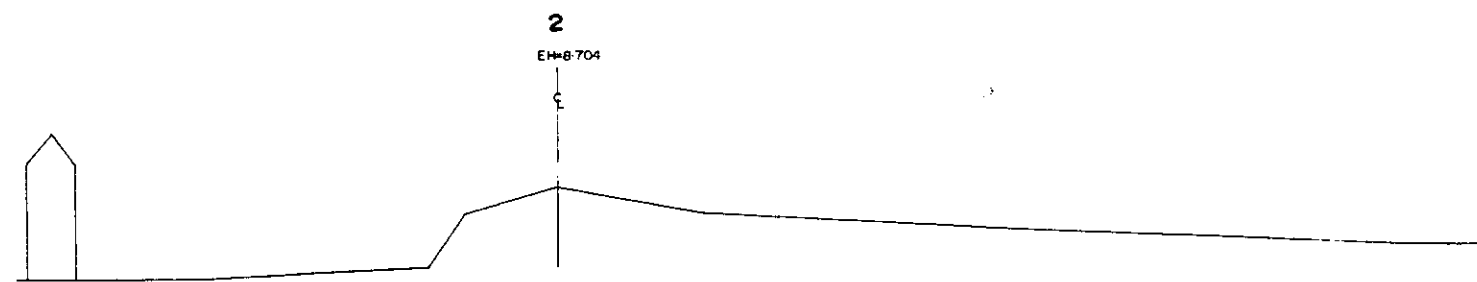


STATION NO	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING		PROPOSED	
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT
+308	16080	100		10.245		
+400	16108	180		10.223		
+417	16200	100	R=2.333 L=2.333	10.268		
+448	16245	45	R=2.333 L=2.333	8.776		
+55	18300	55		8.720		
+105	18350	58		8.643		
+155	18400	58		8.565		
+181	18428	28		8.858		
+185	18430	2		9.170		
+255	18508	78		3.517		
+49	18543	35	R=2.333 L=2.333	9.479		
+110	18558	15		8.613		
+55	18600	45		6.334		
+115	18650	50	R=2.333 L=2.333	8.623		
+125	18670	20		10.059		
+38	18708	38		10.029		
+100	18800	100		9.788		
+110	18815	15		9.104		
+200	18900	85		9.754		
+300	19000	100		19.109		
+400	19100	100		9.319		
51	19280	100	R=2.333 L=2.333	3.777		
+100	19300	100		3.081		
+248	19448	148		5.744	8.824	
+358	19598	150		9.885	8.948	
52	19700	100	R=2.333 L=2.333	3.745		
+100	19800	100		8.880	8.970	
+128	19848	48		5.740	8.585	
+223	19923	23		9.520		
+273	19978	55		8.803	8.851	
+280	19980	2		9.789	8.805	
+300	20000	20				
+362	20055	62		8.609		
+418	20103	50		3.383	8.678	
+419	20110	7				
53	20238	122	R=2.333 L=2.333	9.821	8.480	
+75	20307	75		8.604	8.564	
+168	20400	93		8.928	8.687	
+168	20408	8		8.458		
+213	20485	77		6.858	8.738	
+213	20490	5				
+318	20530	60		9.404		
+360	20582	52		9.478	8.854	
+360	20600	18				
+408	20688	88	R=2.333 L=2.333	8.828	8.510	
54	20700	12		8.143		
+180	20800	100		9.893		
+200	20908	100		9.403		
+308	21080	100		9.873		

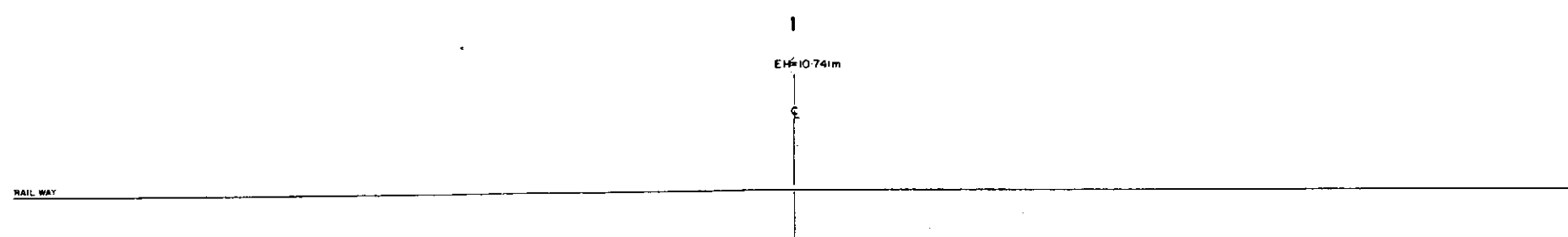
LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT
TOP OF PROTECTION WALL



DL=0.000m



DL=0.000m



RAILWAY

DL=0.000m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMET (1)			
CROSS SECTION			
TONGI-MIRPUR		SCALE	H=1:200 V=1:100
DWG. NO.	EEW(1)/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



DL=0.00m

DL=0.00m

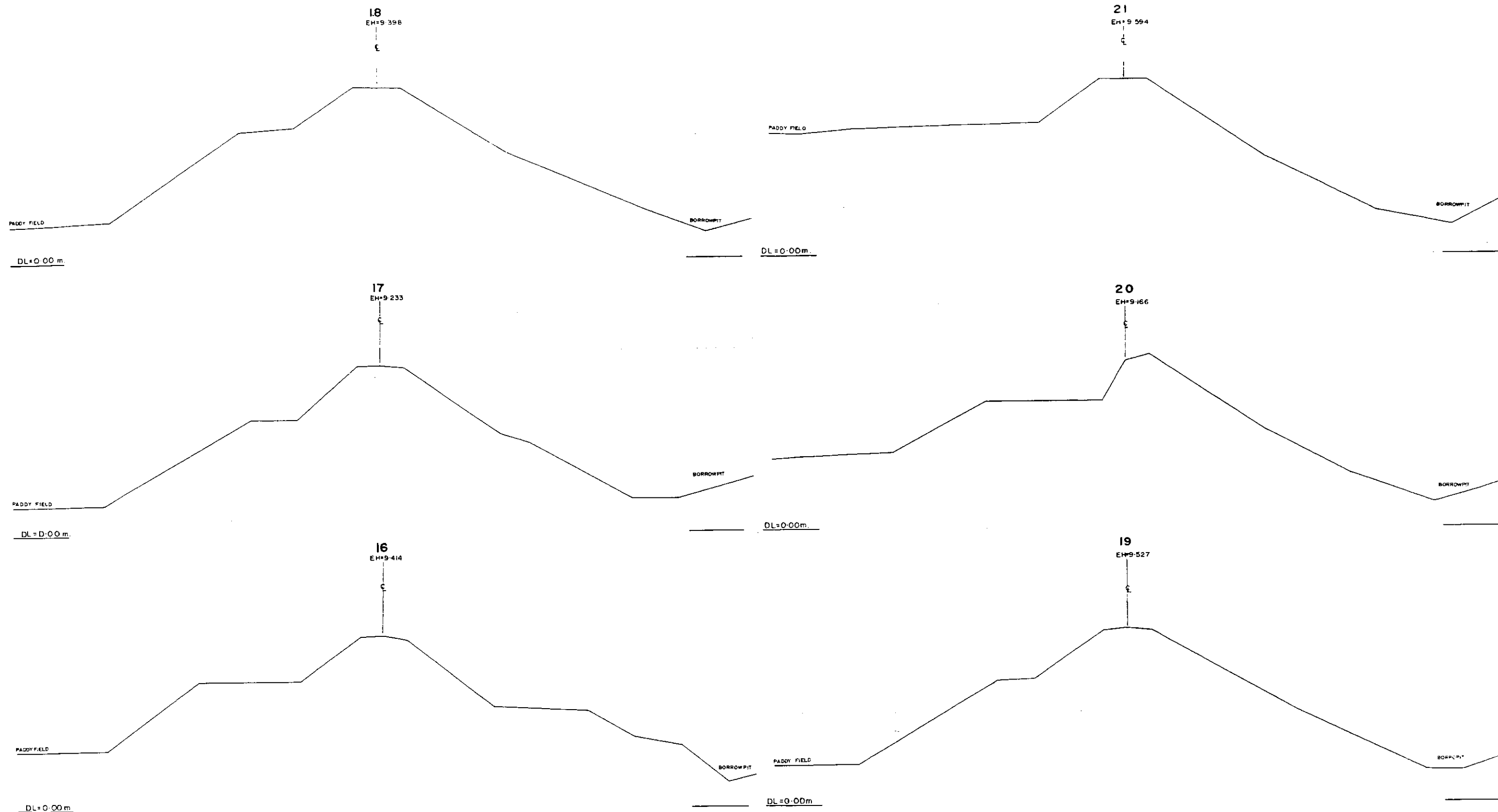
DL=0.00m

DL=0.00m

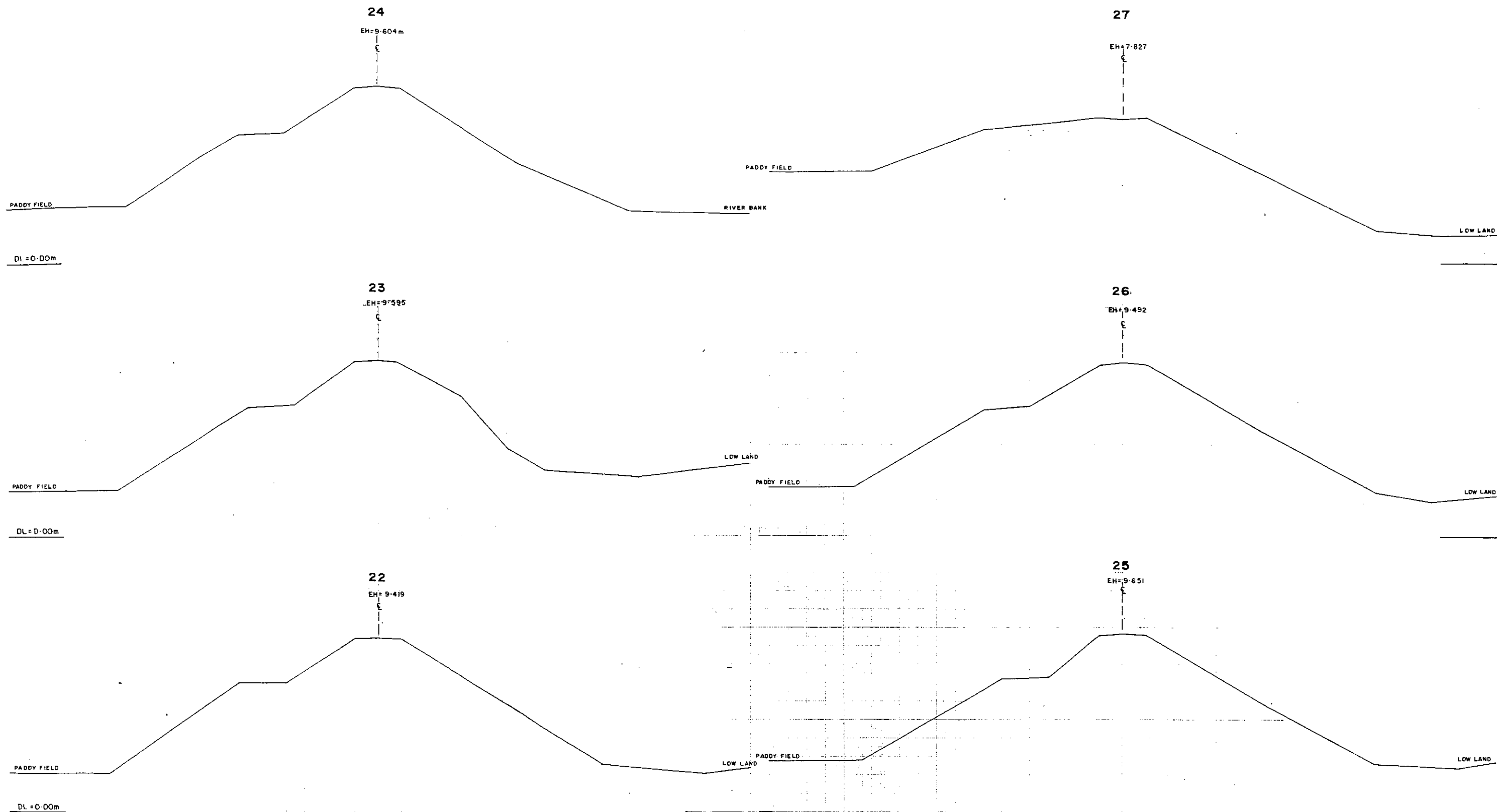
DL=0.00m

DL=0.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (I)			
IONSI - MIRPUR		SCALE	1:1000
DWG. NO.	EEW11/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

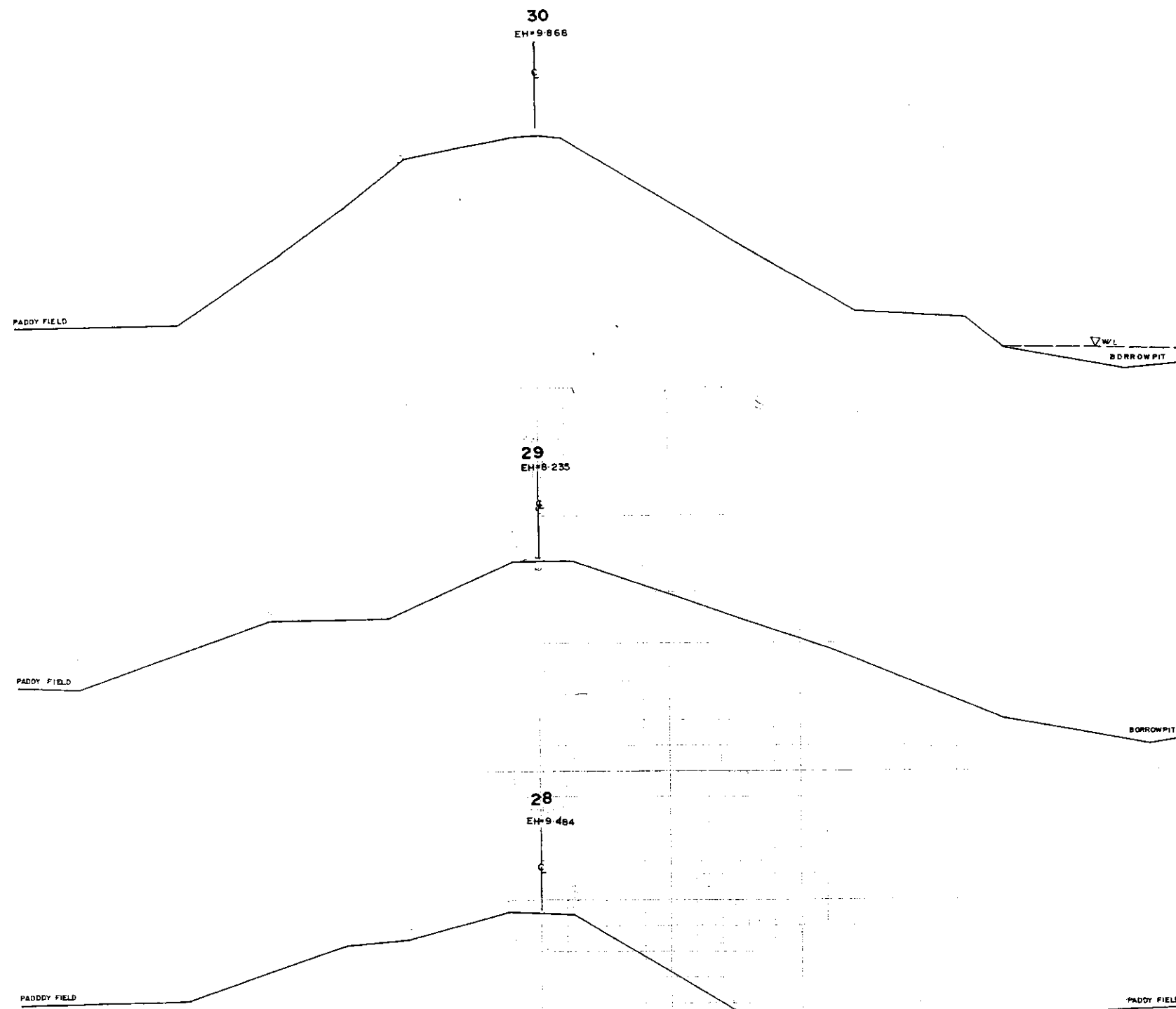


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (I)			
CROSS SECTION			
TONGI - MIRPUR		SCALE	H=1:200 V=1:100
DWG. NO.	EEW (11/C-4)	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (I)			
CROSS SECTION			
TONGI - MIRPUR	SCALE	H=1:200 V=1:100	
DWG. NO.	EEW(I)/C-5	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

26



DL=0.00m.

DL=0.00m.

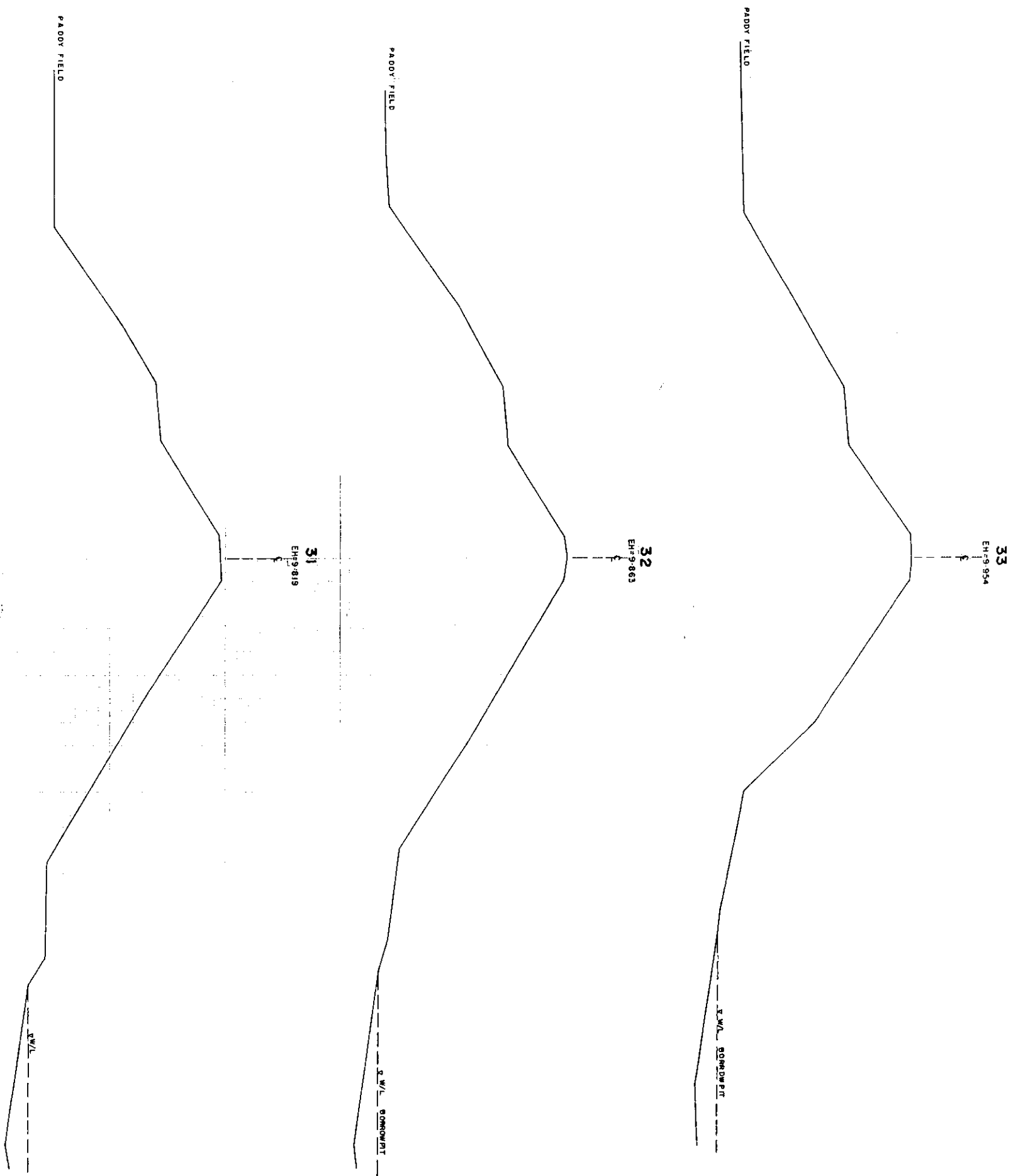
DL=0.00m.

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN 'DHAKA' METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (I)			
CROSS SECTION			
TONGI- MIRPUR		SCALE	H=1:200 V=1:100
DWG NO.	EEW(I)/C-6	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

DL=0.00m

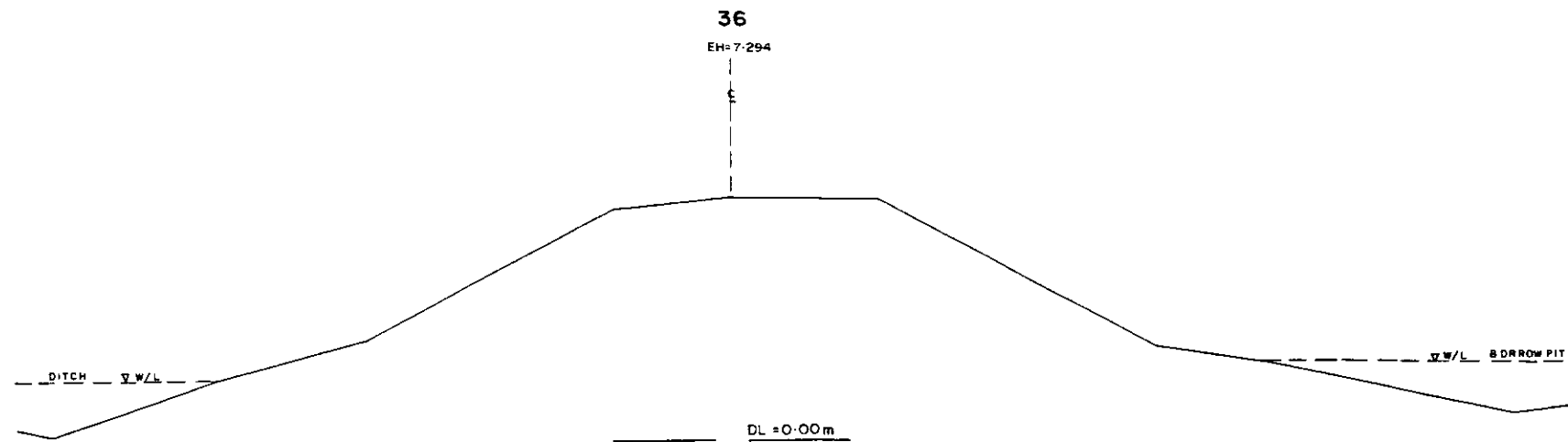
DL=0.00m

DL=0.00m

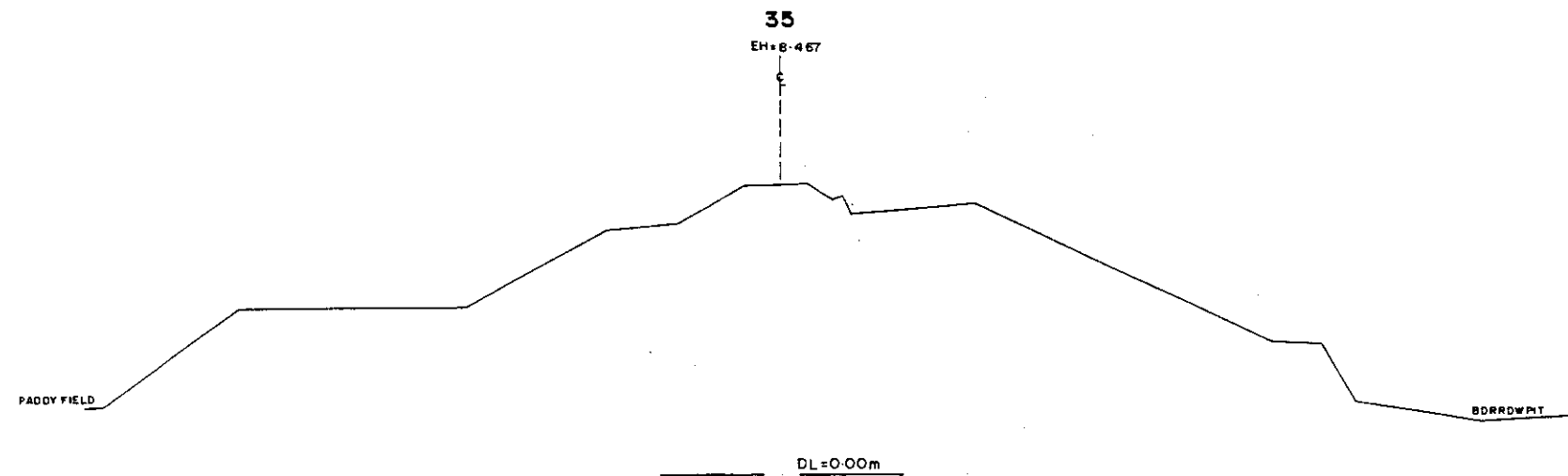


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT(I)			
CROSS SECTION			
TONGI - MIRPUR	SCALE	No. 1:200	
DWG. NO.	EEW(I)/C-7	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

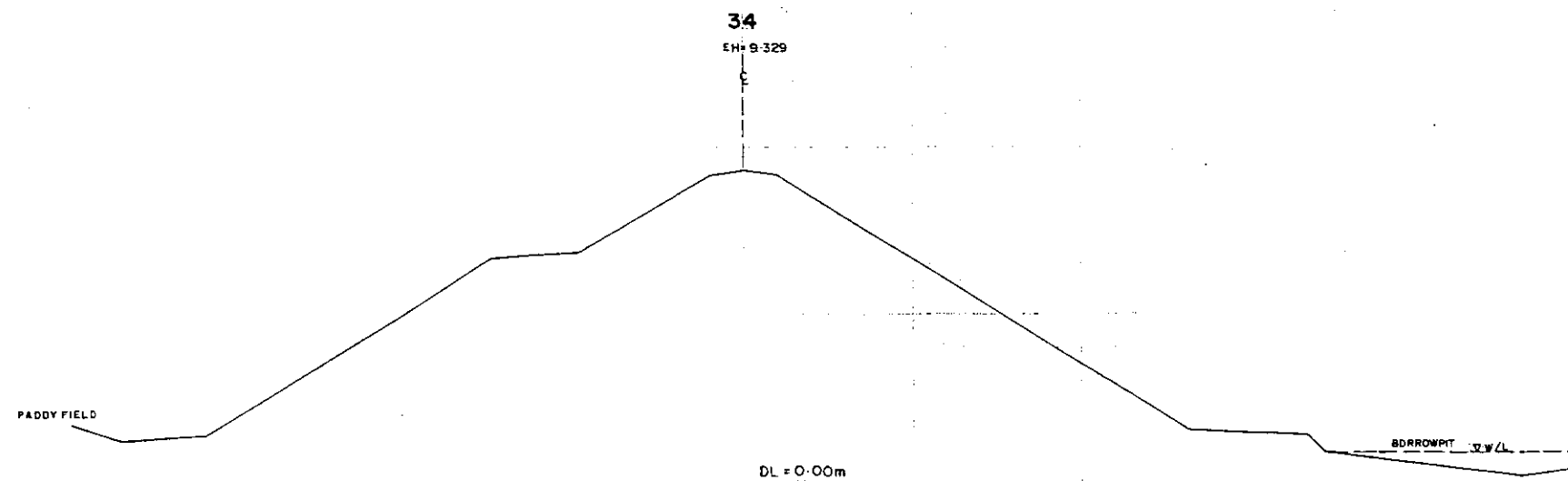
DL = 0.00m



DL = 0.00m



DL = 0.00m

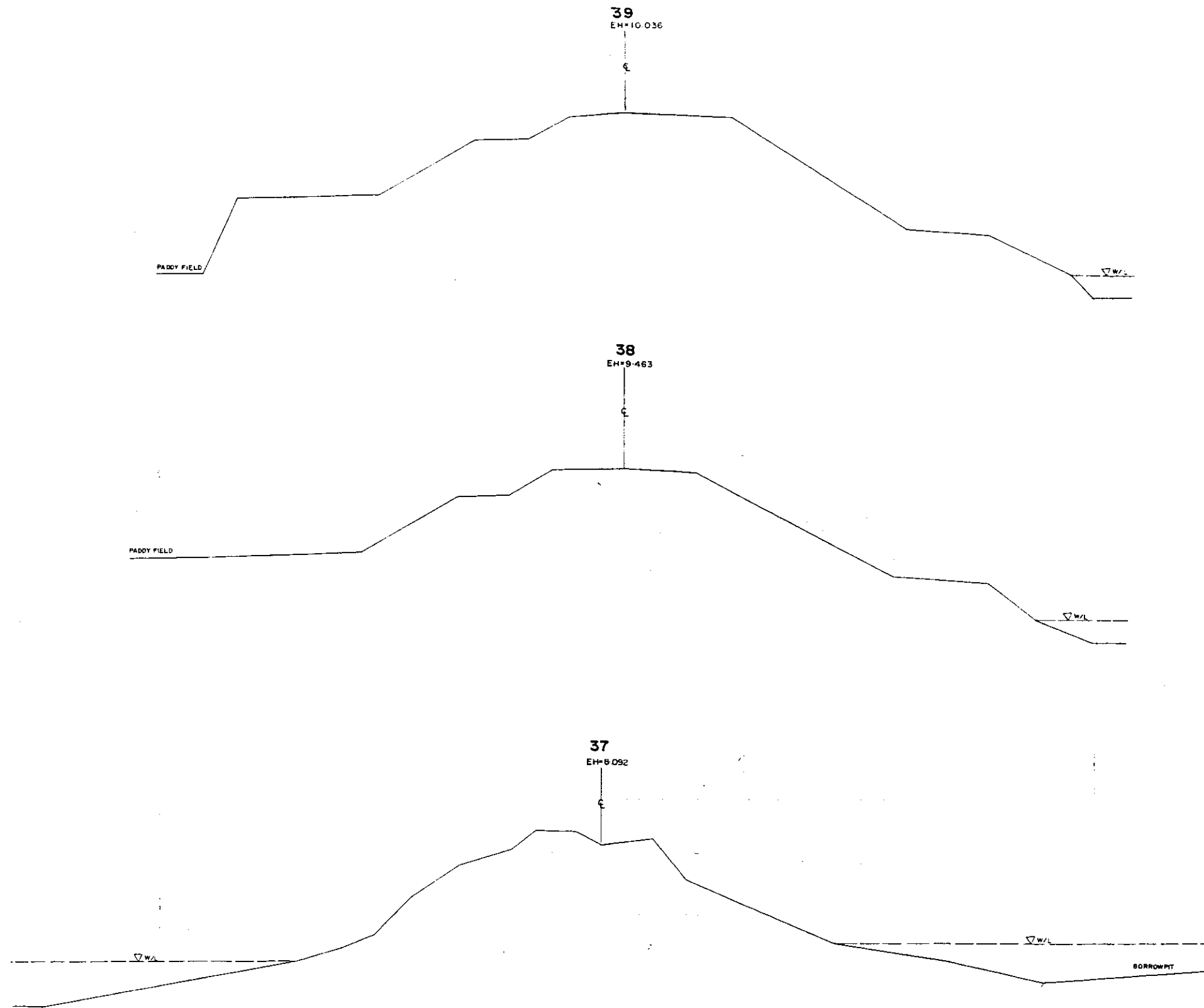


GREATER DHAKA PROTECTION PROJECT		
(STUDY AREA: IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING WEST EMBANKMENT (I)		
CROSS SECTION		
TONGI- MIRPUR	SCALE	H=1:200 V=1:100
DWG NO. EEW(I)/C-8	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

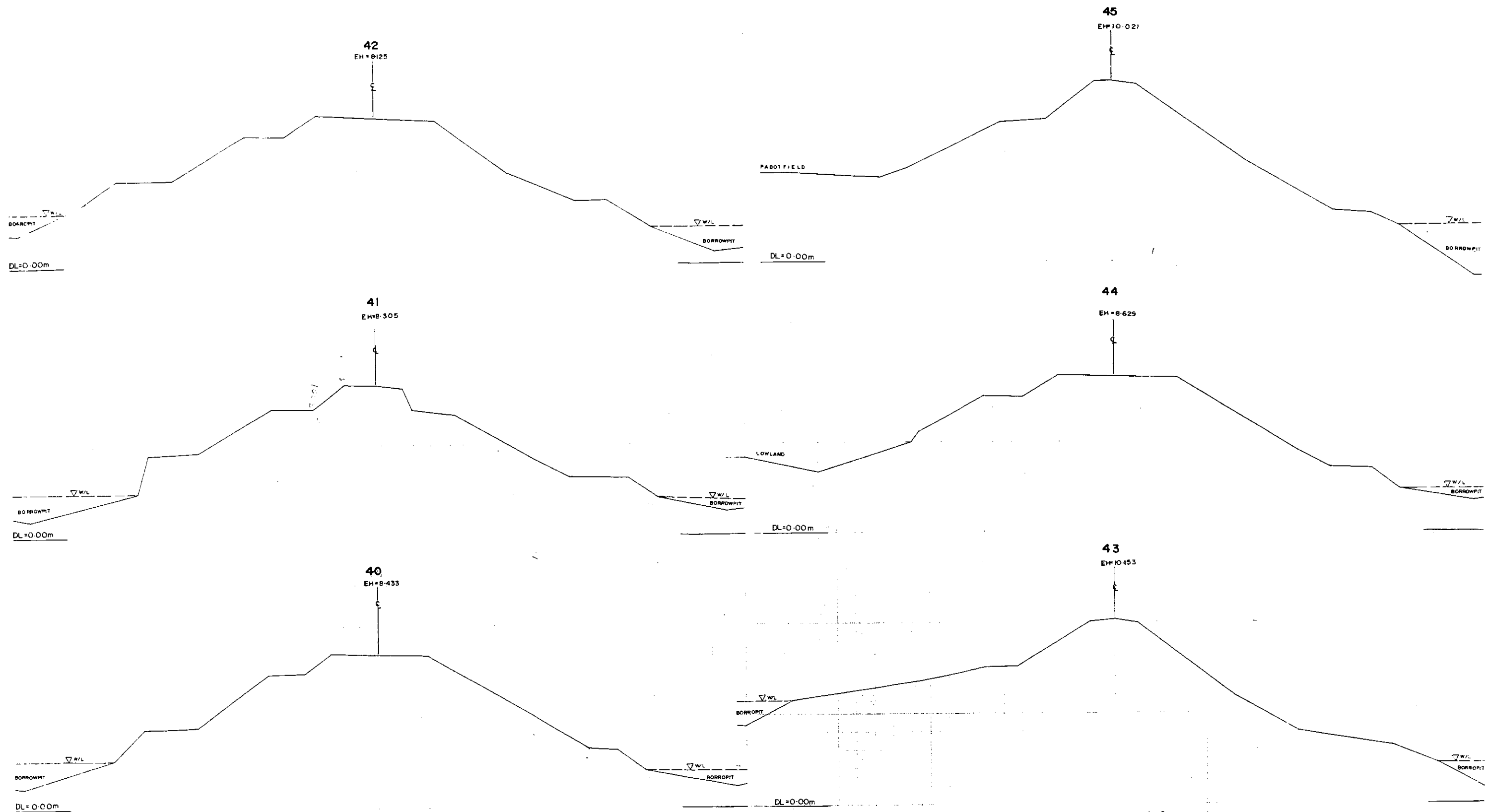
DL = 0.00m

DL = 0.00m

DL = 0.00m



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA EXISTING WEST EMBANKMENT (I) CROSS SECTION		
TONGI - MIRPUR	SCALE	H = 1:200 V = 1:100
DWG. NO. EEW(1)/C-9	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY		

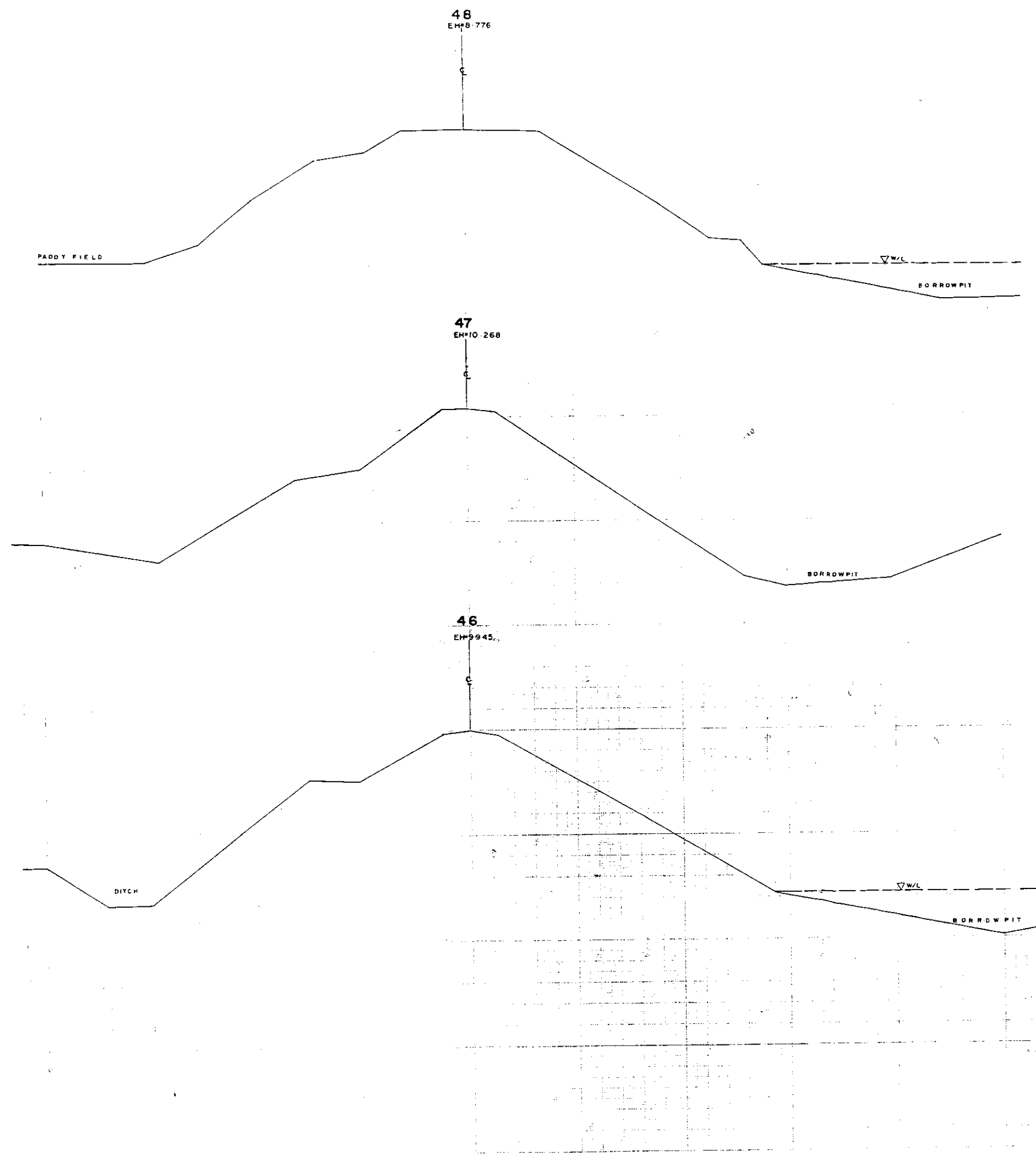


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (I)			
CROSS-SECTION			
TONGI - MIRPUR		SCALE	H=1:200 V=1:100
DWG. NO.	EEW(II)/C-10	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

DL = 0.00m

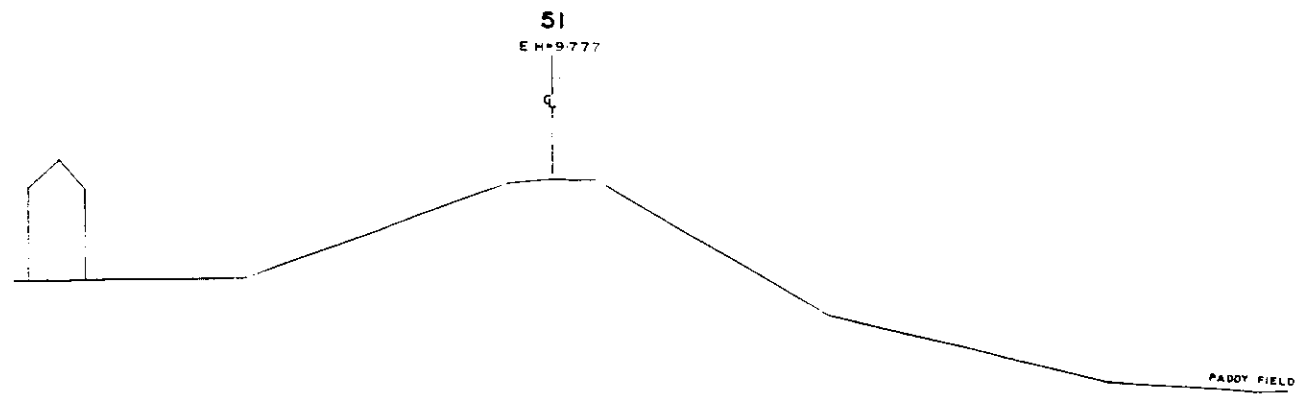
DL = 0.00m

DL = 0.00m

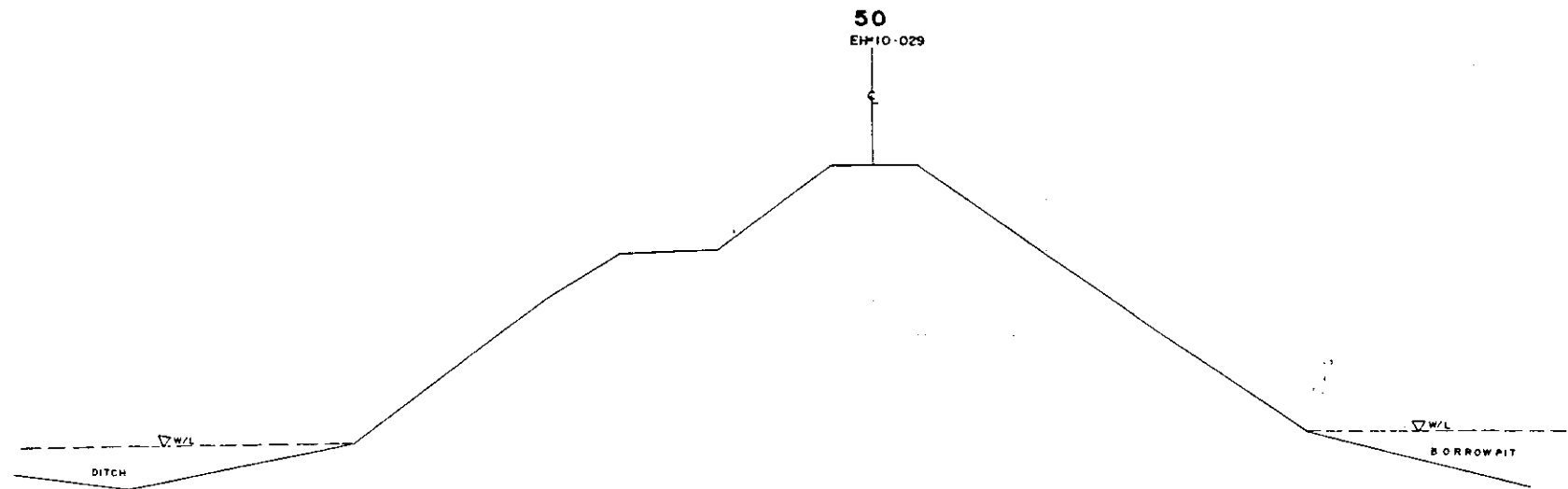


GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING WEST EMBANKMENT (1)		
CROSS SECTION		
TONGI - MIRPUR	SCALE	H=1:200 V=1:100
DWG. NO. EEW(1)/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY		

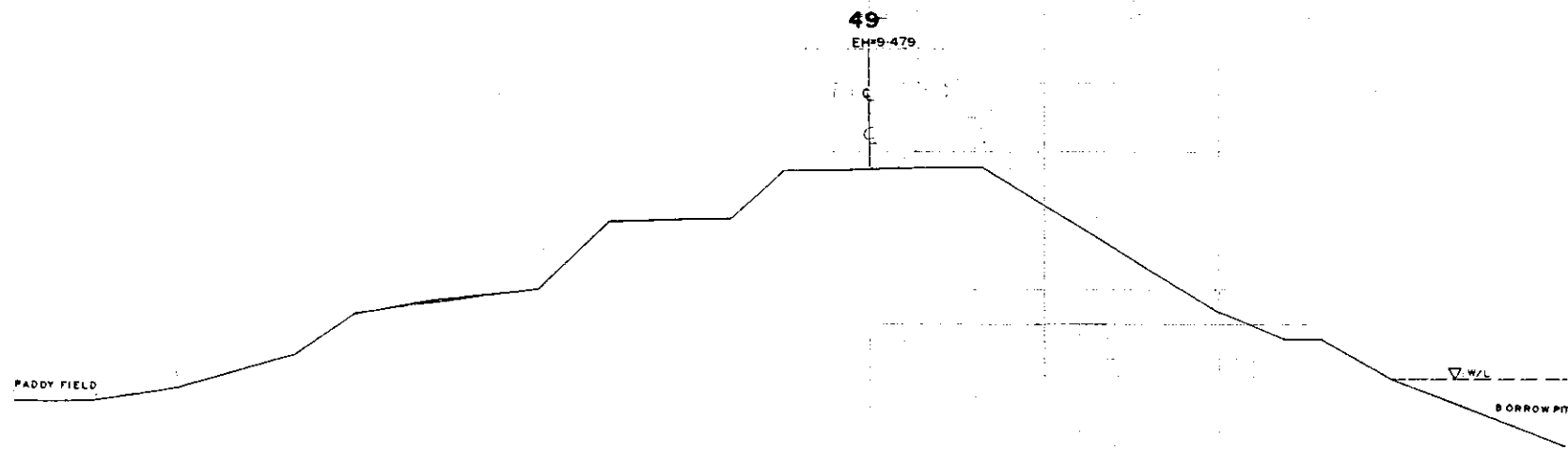
62



DL=0.00

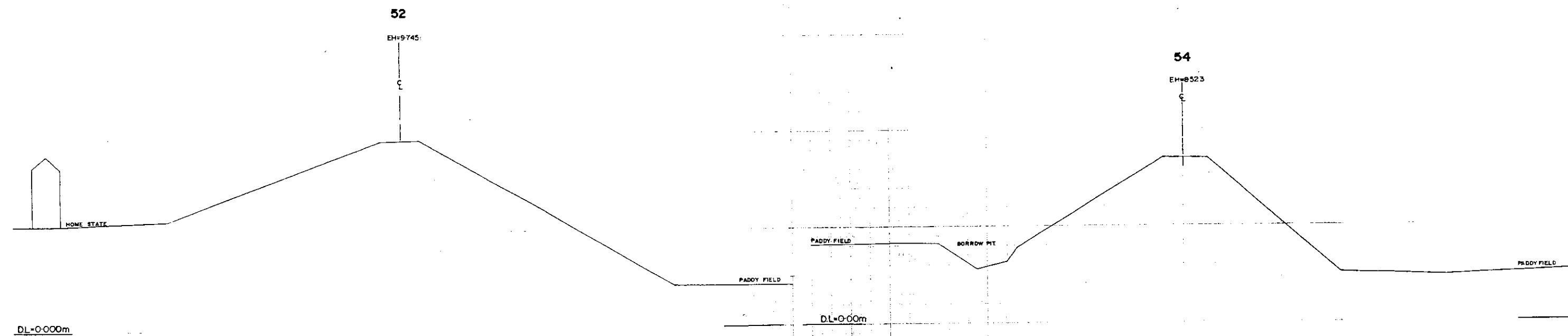
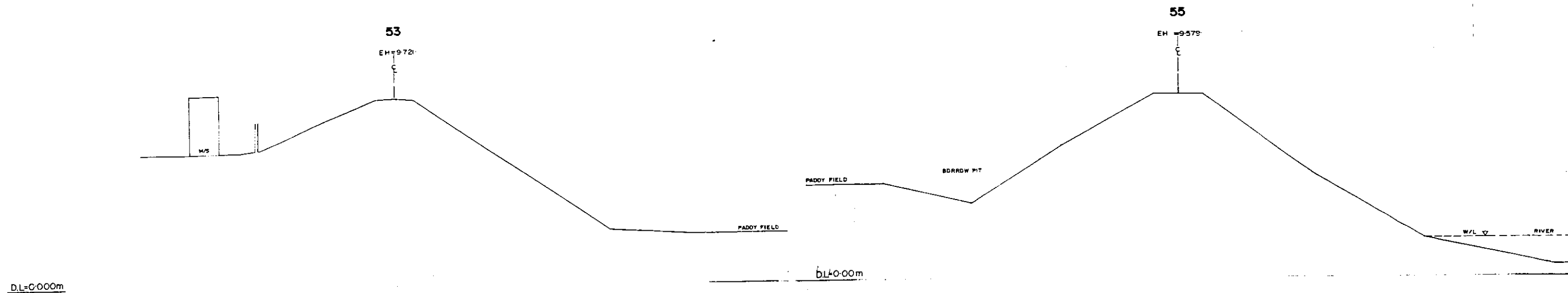


DL=0.00m

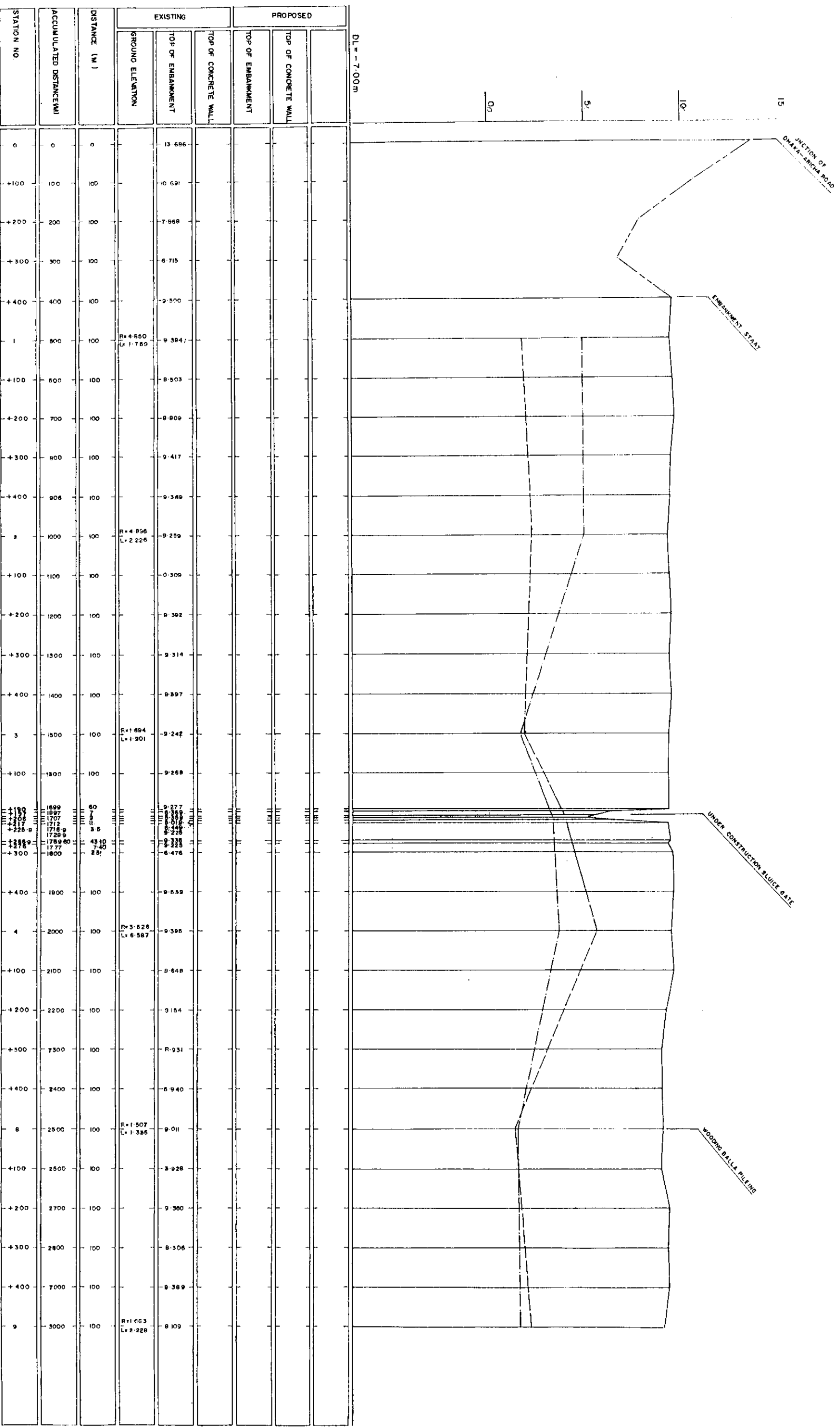


DL=0.00m

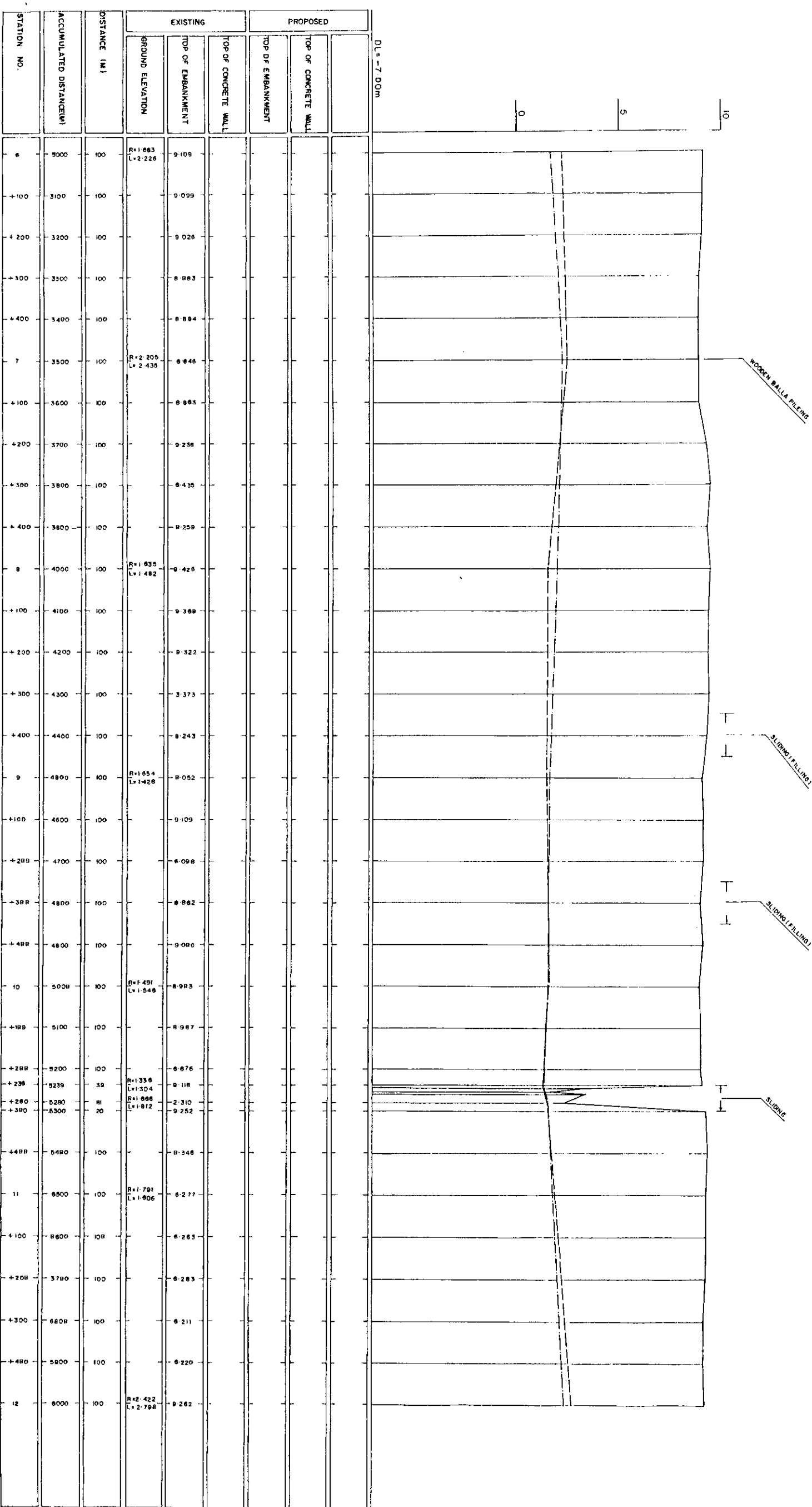
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING WEST EMBANKMENT (I)		
CROSS SECTION		
TONGI - MIRPUR	SCALE	H=1:200 V=1:100
DWG. NO. EEW(I)/C-12	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (I)			
CROSS SECTION			
TONGI - MIRPUR	SCALE	H=1:200	V=1:100
DWG NO. EEW (I)/C-18	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

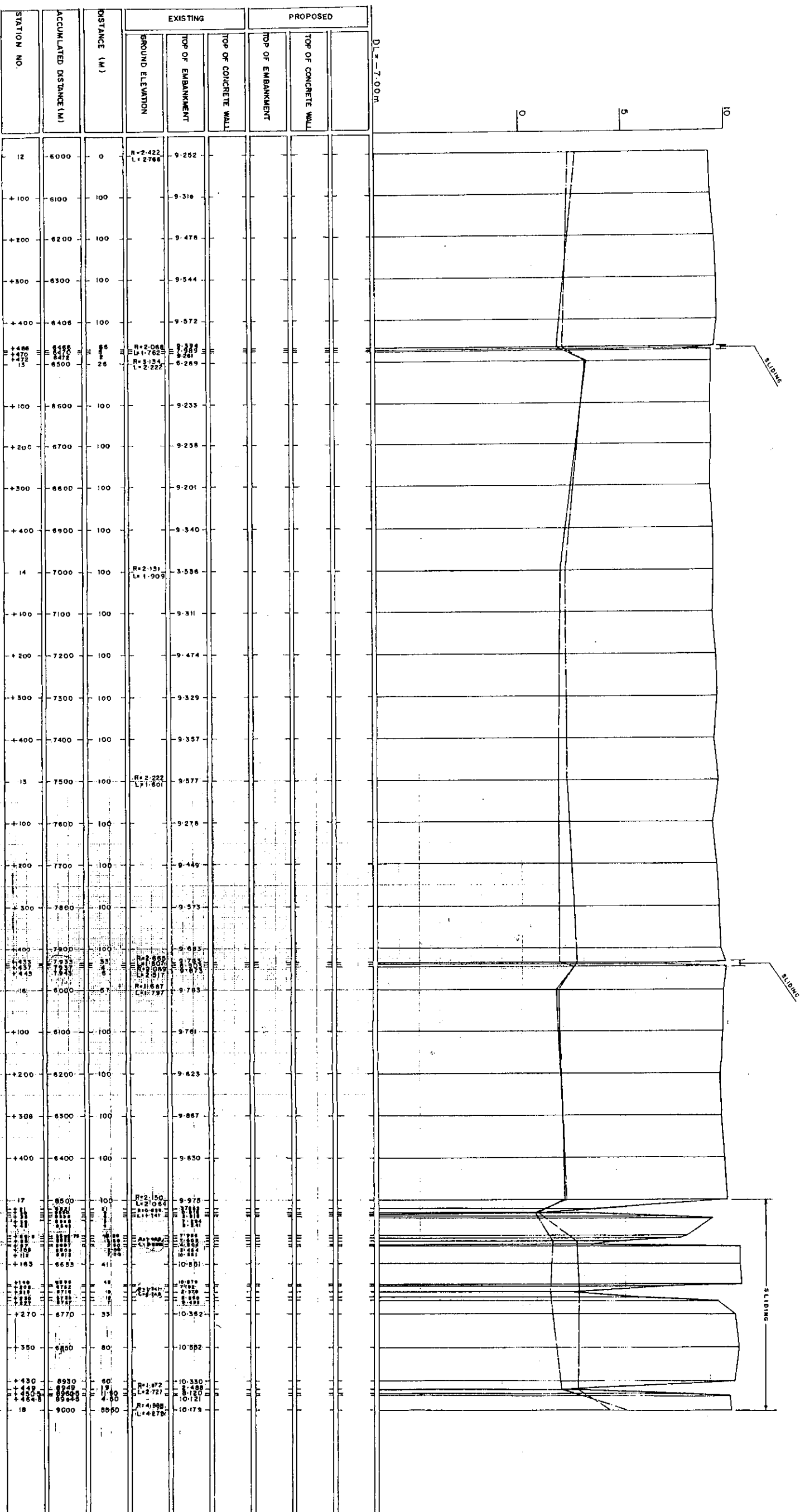


LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT



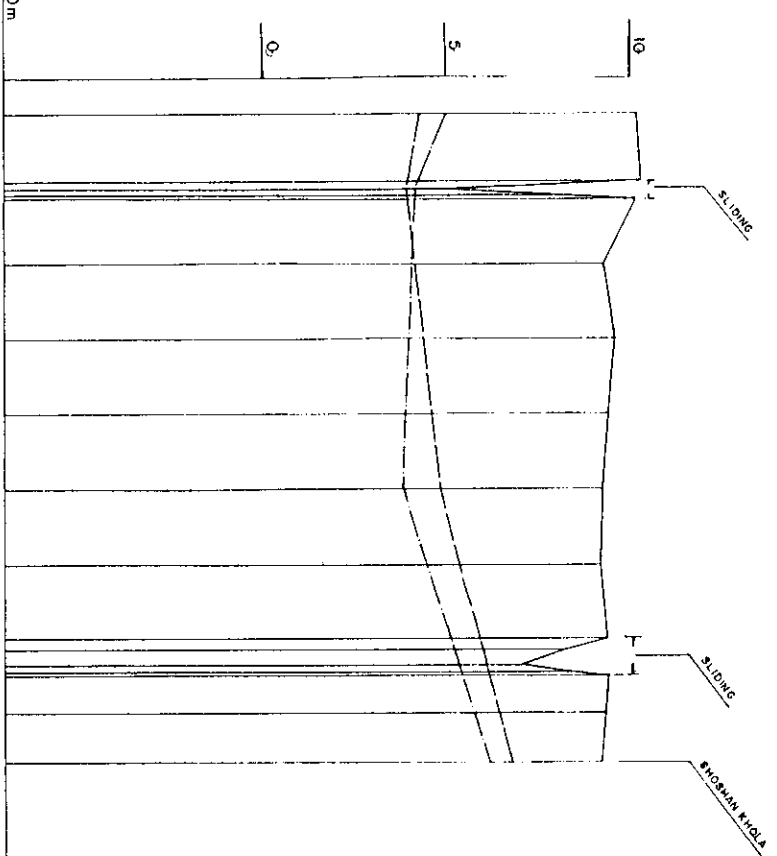
LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 6A
DHAKA METROPOLITAN AREA
EXISTING WEST EMBANKMENT (2)
LONG SECTION
MIRPUR-SASANKHOLA
SCALE: H=1:5000
V=1:100
DWG NO. EEW22/L-2 DATE: JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY



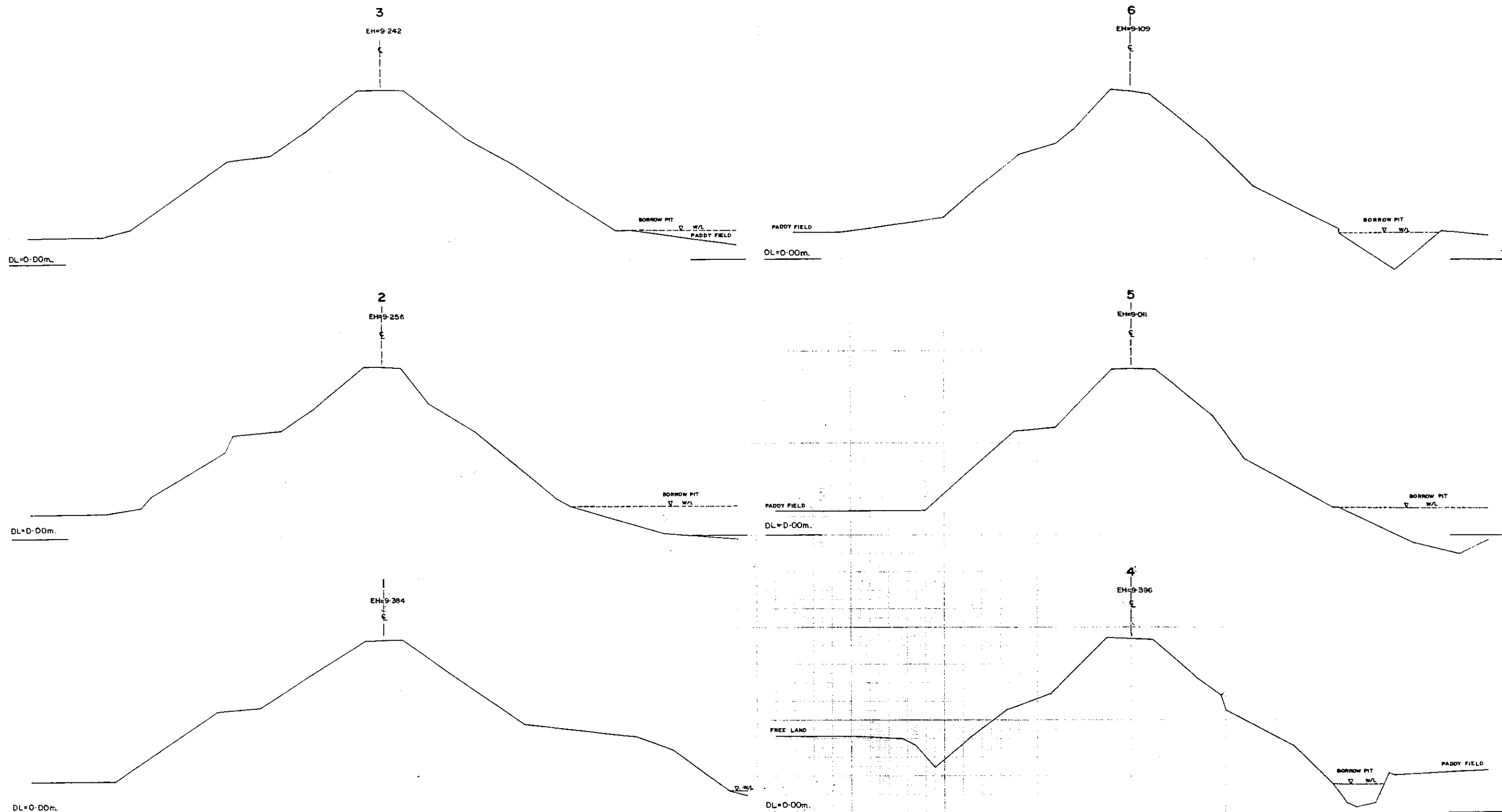
LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A
DHAKA METROPOLITAN AREA
EXISTING WEST EMBANKMENT (2)
LONG SECTION
MIRPUR - SASAKHOLA SCALE
H=1:5000
V=1:100
DWG. NO. EEN/22/1-3 DATE JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY

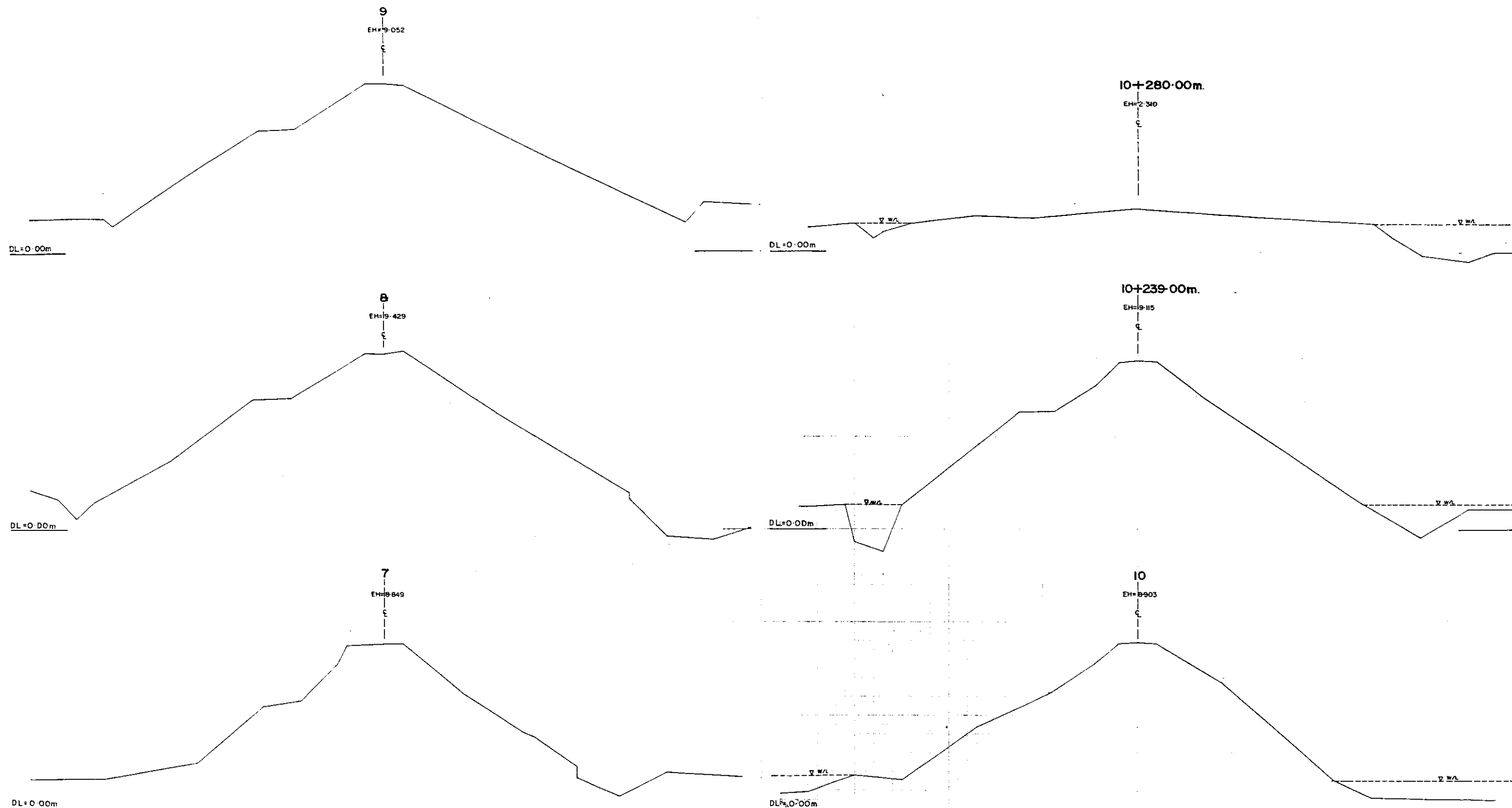


PROPOSED				EXISTING	
STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	GROUND ELEVATION
18	9000	0			R=4.990 L=4.270
+200	9200	88			
+300	9300	100			
+400	9400	100			
19	9500	180			R=3.756 L=4.731
+180	9600	100			
+200	9700	100			
+214	9714	14			
+220	9720	6			
+230	9730	10			
+300	9800	56			
20	9806.60	6.60			R=5.704 L=5.104

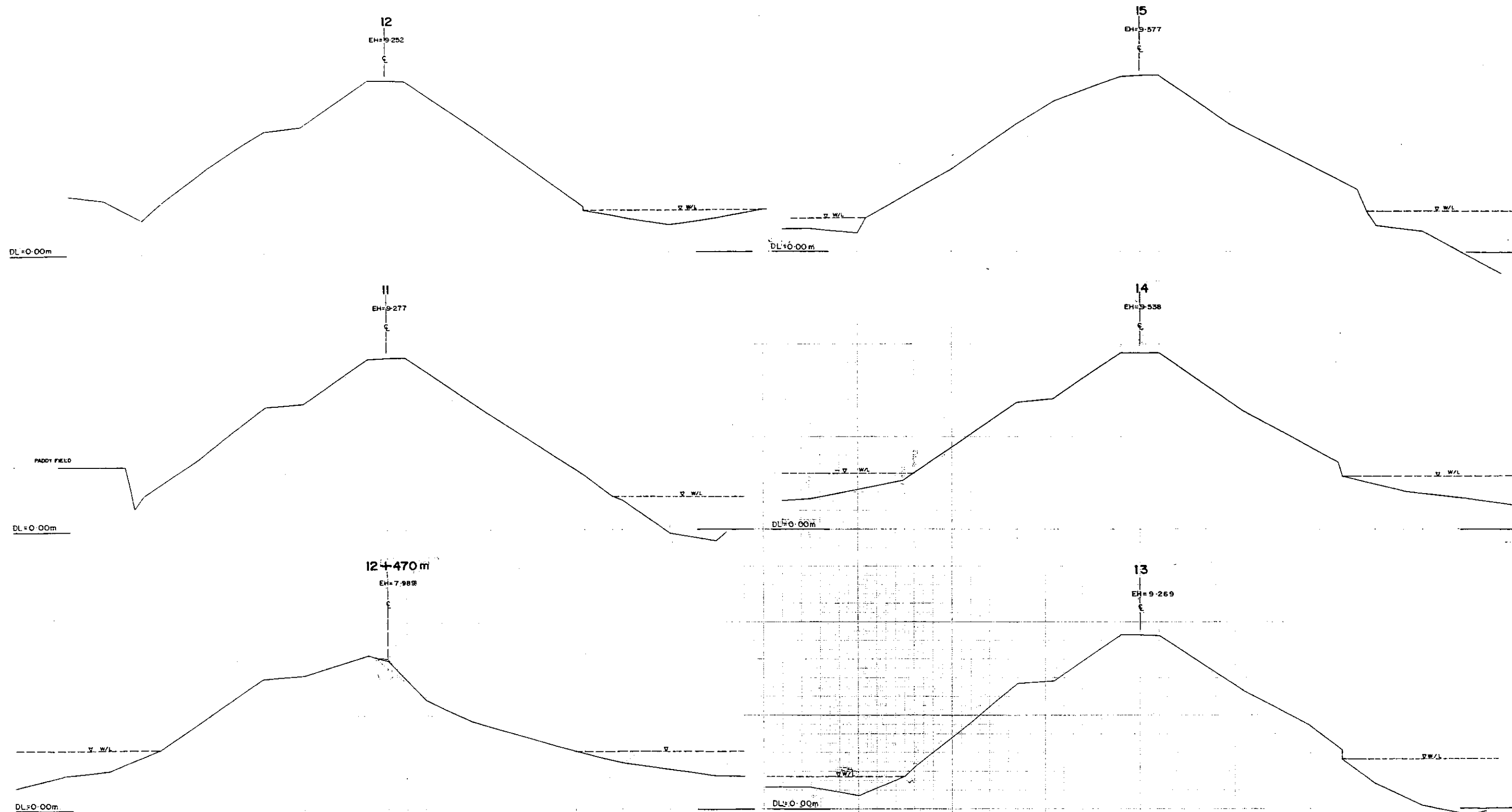
LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT



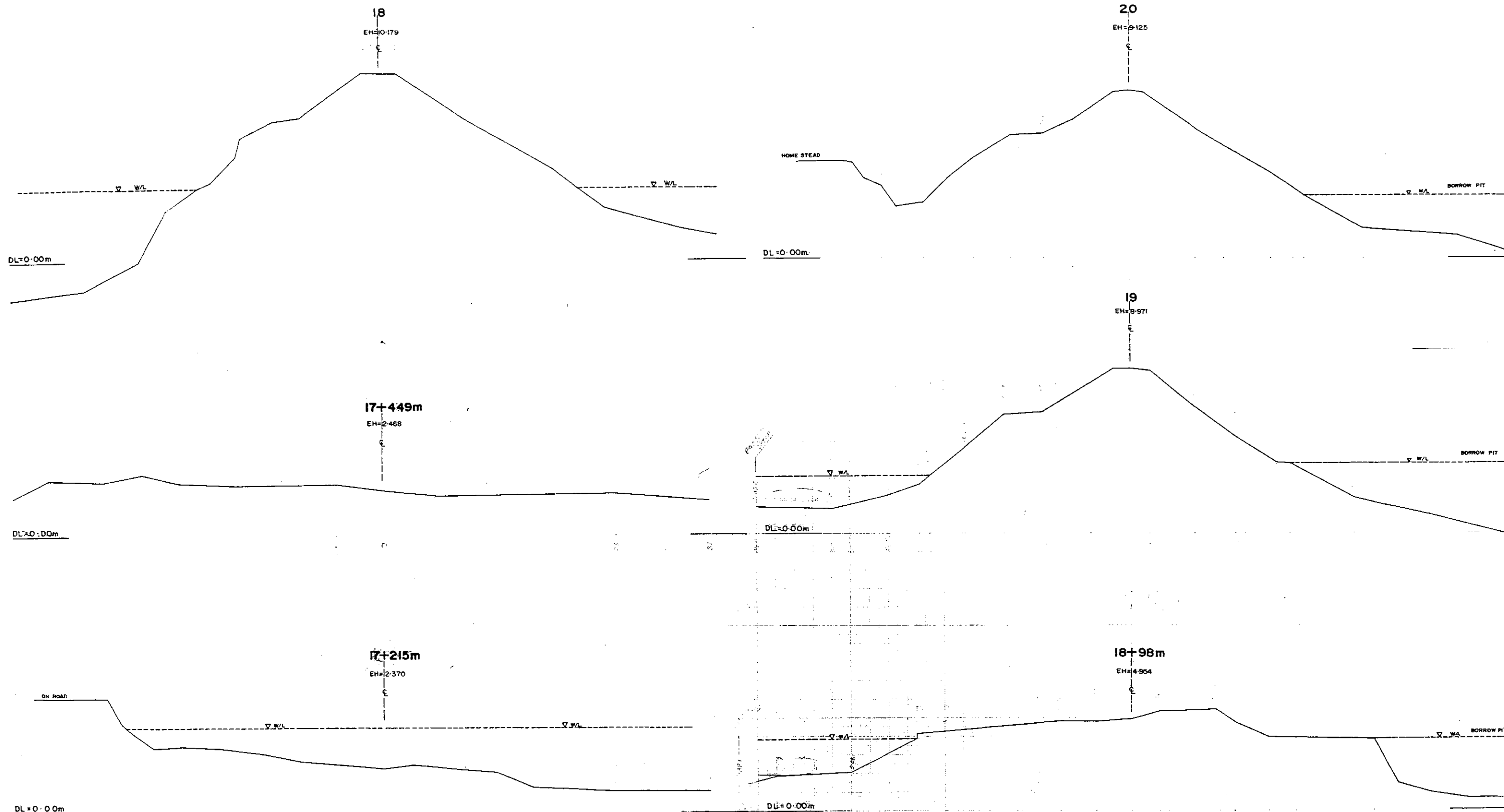
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (2)			
CROSS-SECTION			
MIRPUR - SASANKHOLA	SCALE	H=1:200	V=1:100
DWG. NO. IEEW(2)/C-1	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			



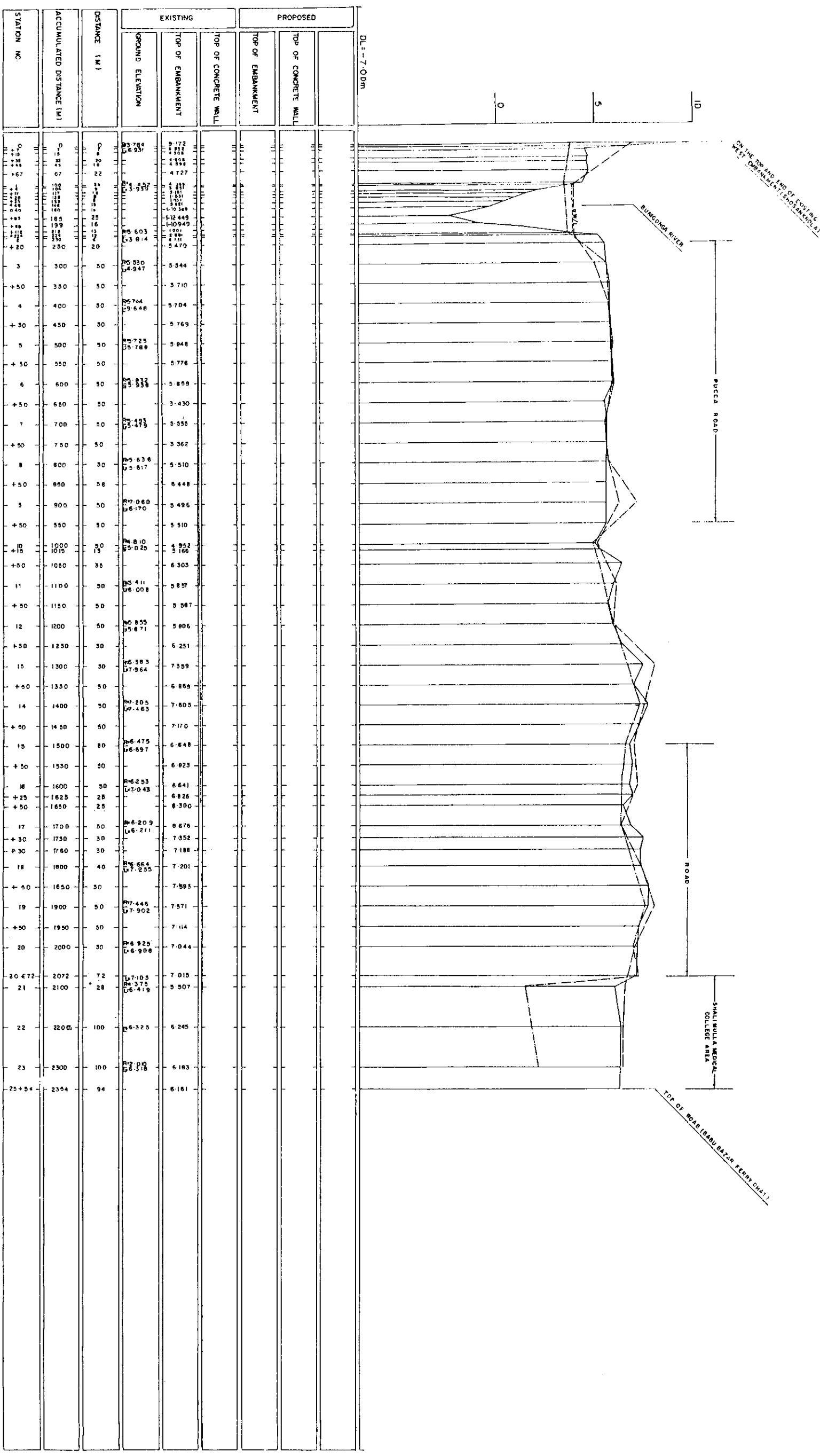
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (2)			
CROSS-SECTION			
MIRPUR - SASANKHOLA		SCALE	H=1:200 V=1:100
DWG. NO.	EEW(2)/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING WEST EMBANKMENT (2)		
CROSS-SECTION		
MIRPUR - SASANKHOLA	SCALE	H: 1:200
DWG NO. EEW(2)/C-3	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		



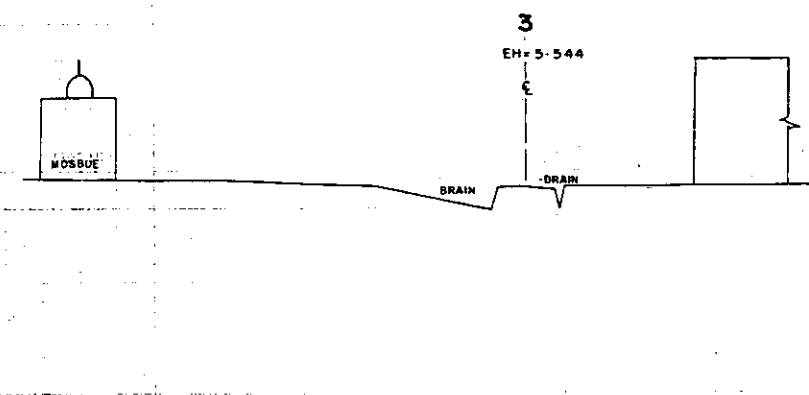
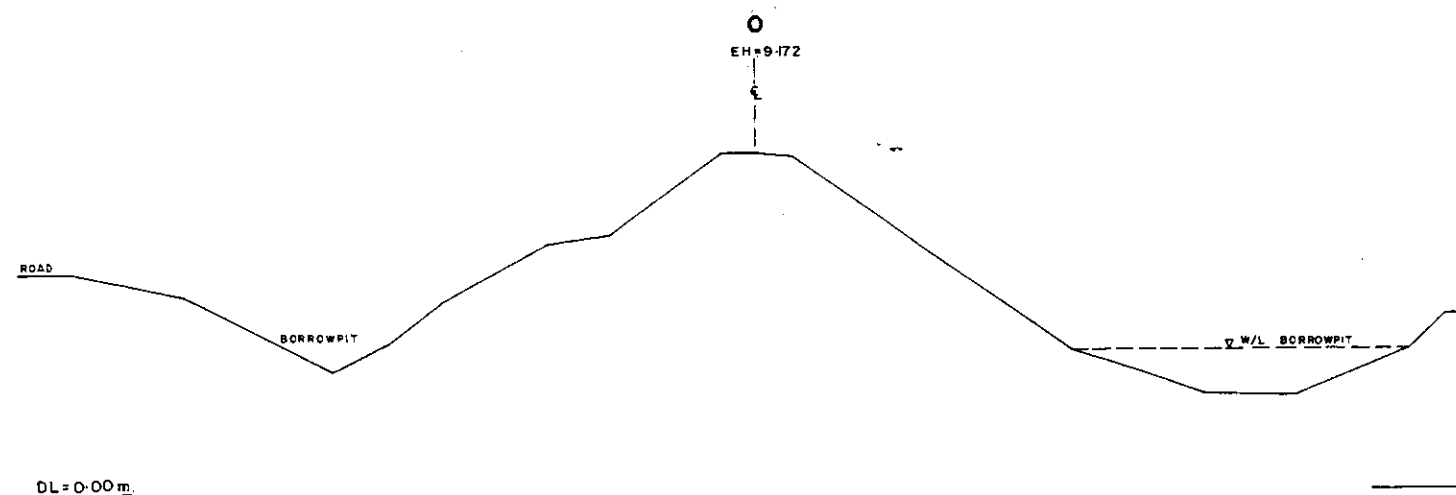
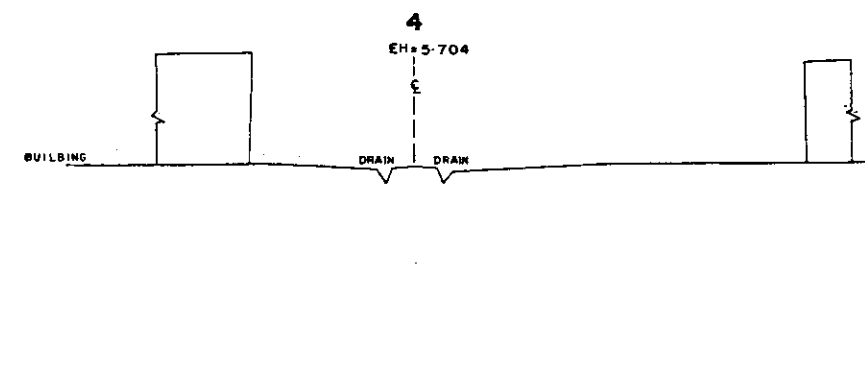
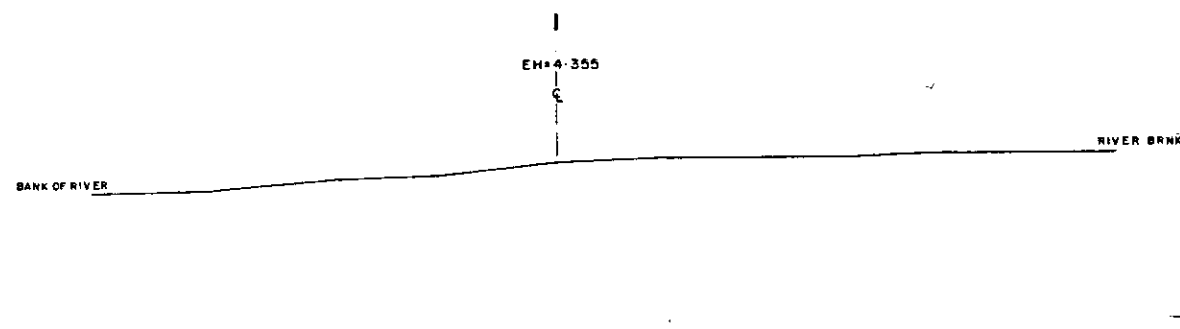
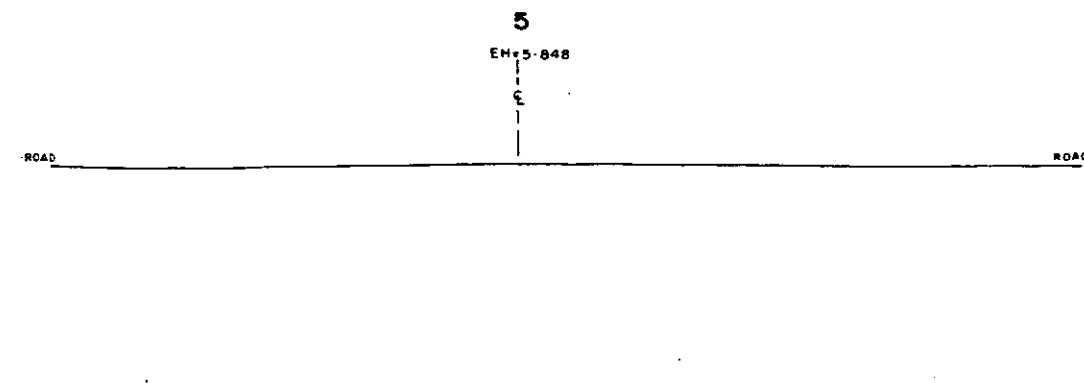
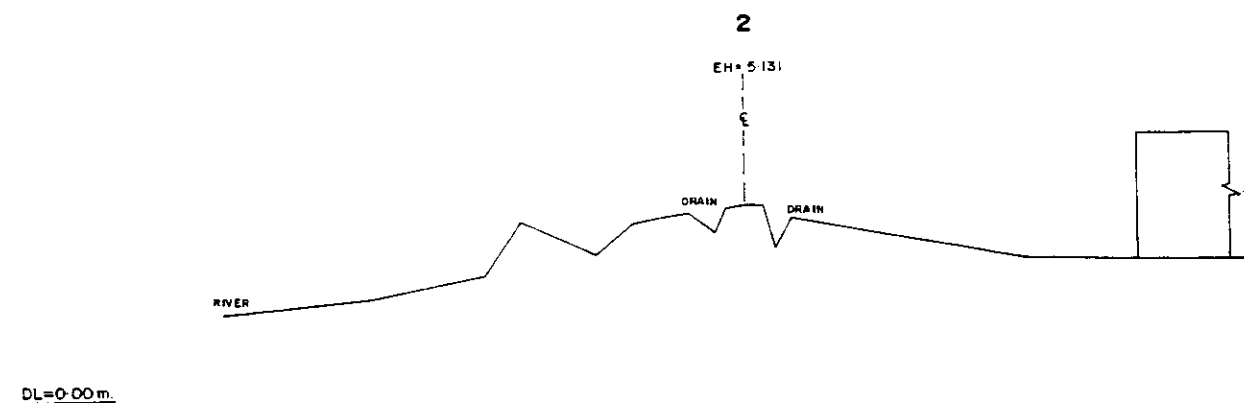
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING WEST EMBANKMENT (2)			
CROSS-SECTION			
MRPUR - SASANKHOLA	SCALE	H=1:200	
DWG NO	EEW(2)/C-5	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



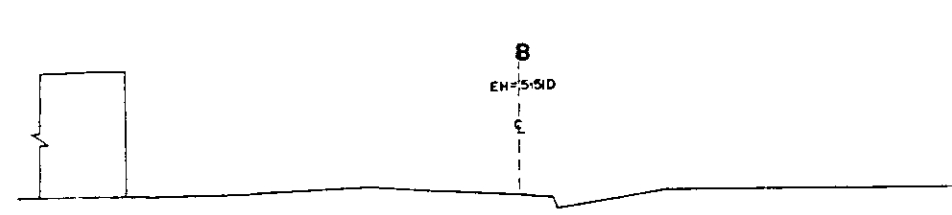
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A
DHAKA METROPOLITAN AREA
PROPOSED WEST EMBANKMENT
LONG SECTION

SHOSAN KHOLA
BARU BAZAR
SCALE: 1:1000
DATE: JUNE, 1991

DWG. NO. P E W / L-1
JAPAN INTERNATIONAL COOPERATION AGENCY

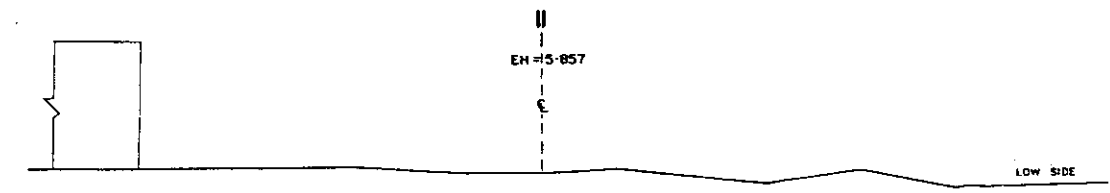


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN: DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED WEST EMBANKMENT			
CROSS SECTION			
SHDSANKHOLA -		SCALE	
BABO BAZAR		H = 1:200	
DWG. NO.		DATE	
PEW/C-1		JUNE, 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			



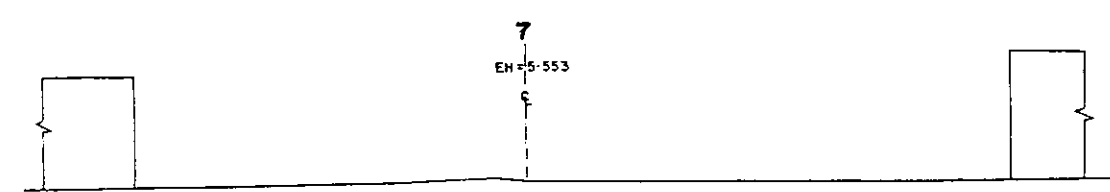
8
EH=5-510

DL=0-00m



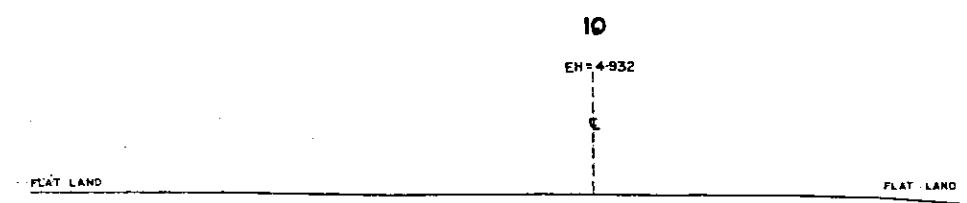
11
EH=5-857

DL=0-00m



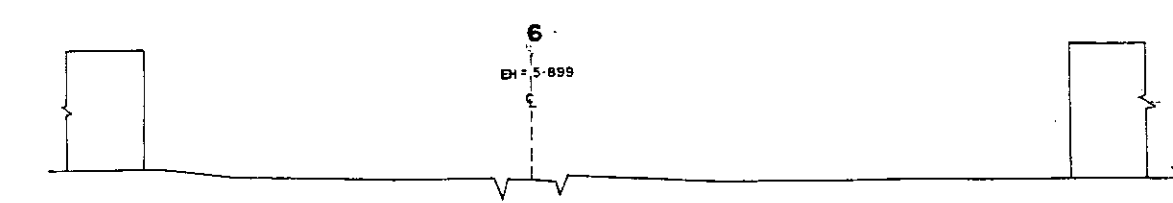
7
EH=5-553

DL=0-00m



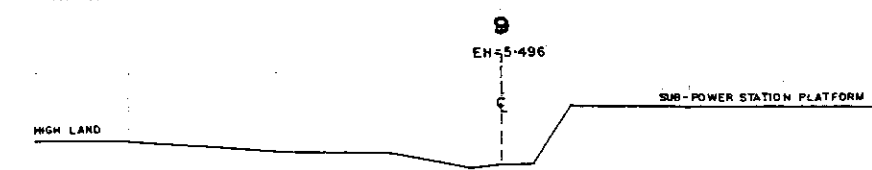
10
EH=4-932

DL=0-00m



6
EH=5-899

DL=0-00m



9
EH=5-496

DL=0-00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED WEST EMBANKMENT			
CROSS SECTION			
SHOSANKHOLA -	SCALE	H=1:200	
BARO BAZAR		V=1:100	
DWG NO.	PEW/C-2	DATE	JUNE 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

16

EH = 6-641

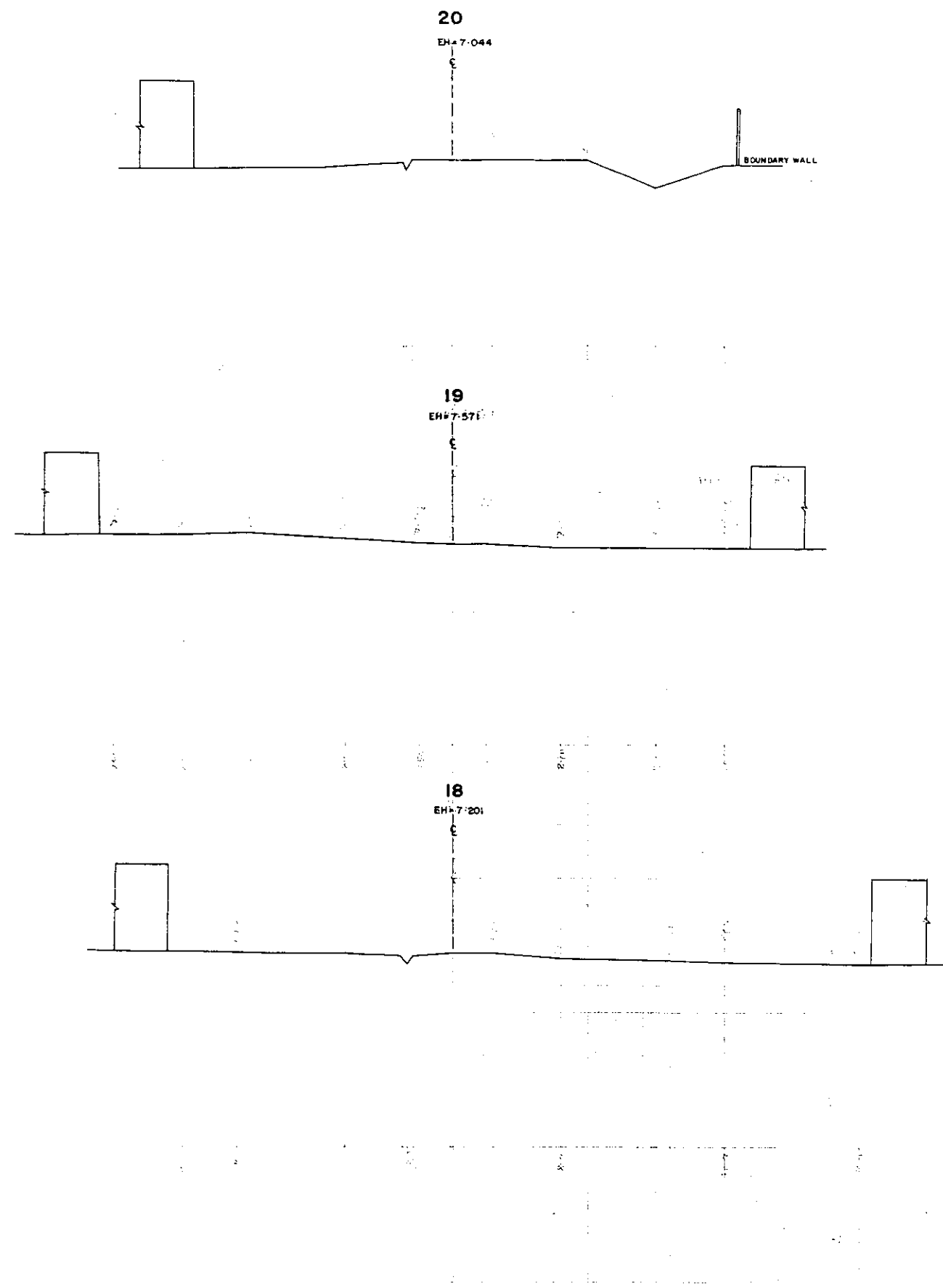
E

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.6A		
DHAKA METROPOLITAN AREA PROPOSED WEST EMBANKMENT CROSS SECTION		
SHOSAN KHOLA - BARO BAZAR	SCALE	H= 1: 200 V= 1: 100
DWG NO.	PEW / C-3	DATE
		June, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

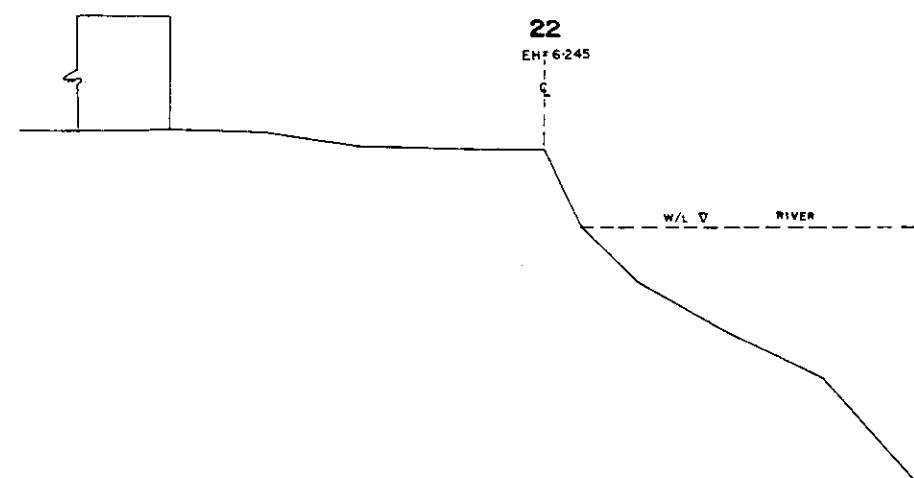
DL = 0.00m

DL = 0.00m

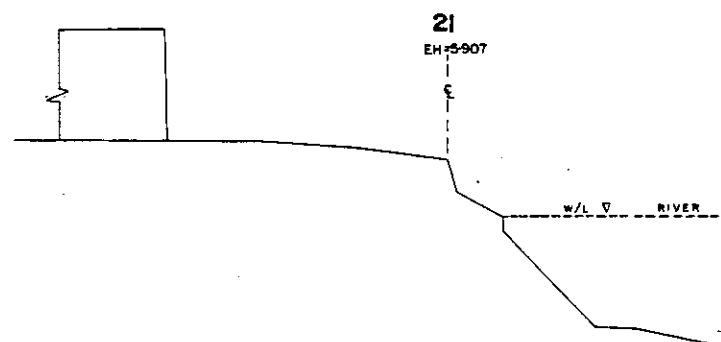
DL = 0.00m



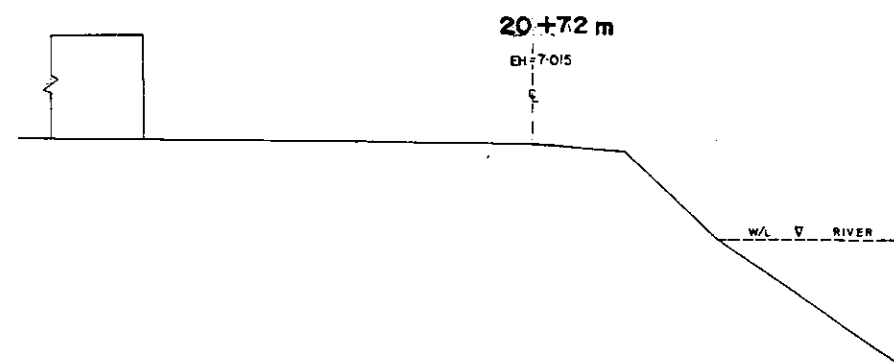
GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA I			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED WEST EMBANKMENT			
CROSS SECTION			
SHOSAN KHOLA -		SCALE	H=1:200
BAGO BAZAR		V=1:100	
DWG NO	PEW/C-4	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



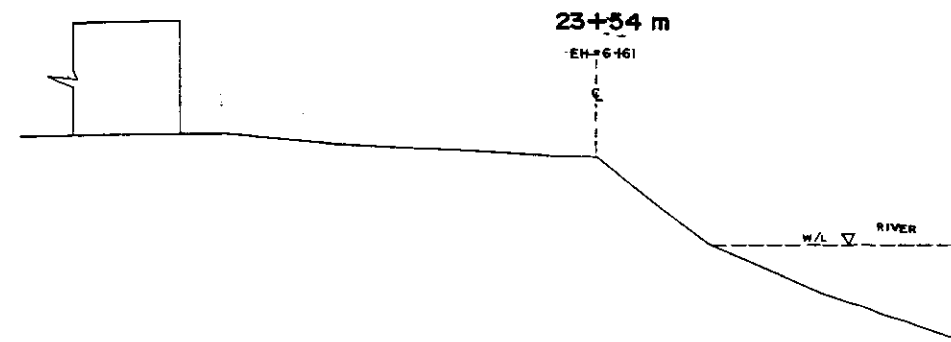
DL = 0.00m



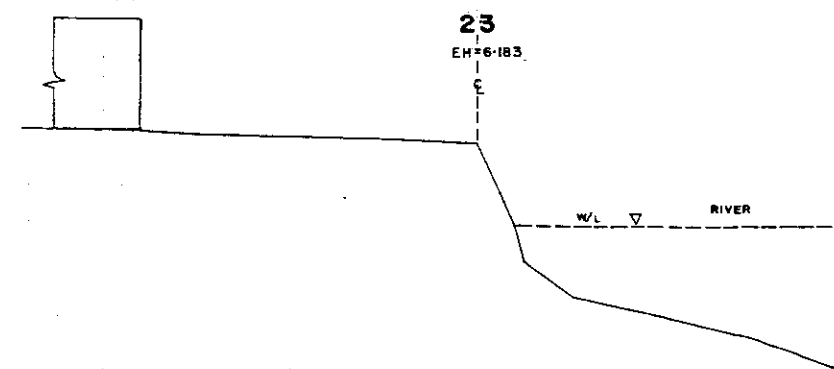
DL = 0.00m



DL = 0.00m

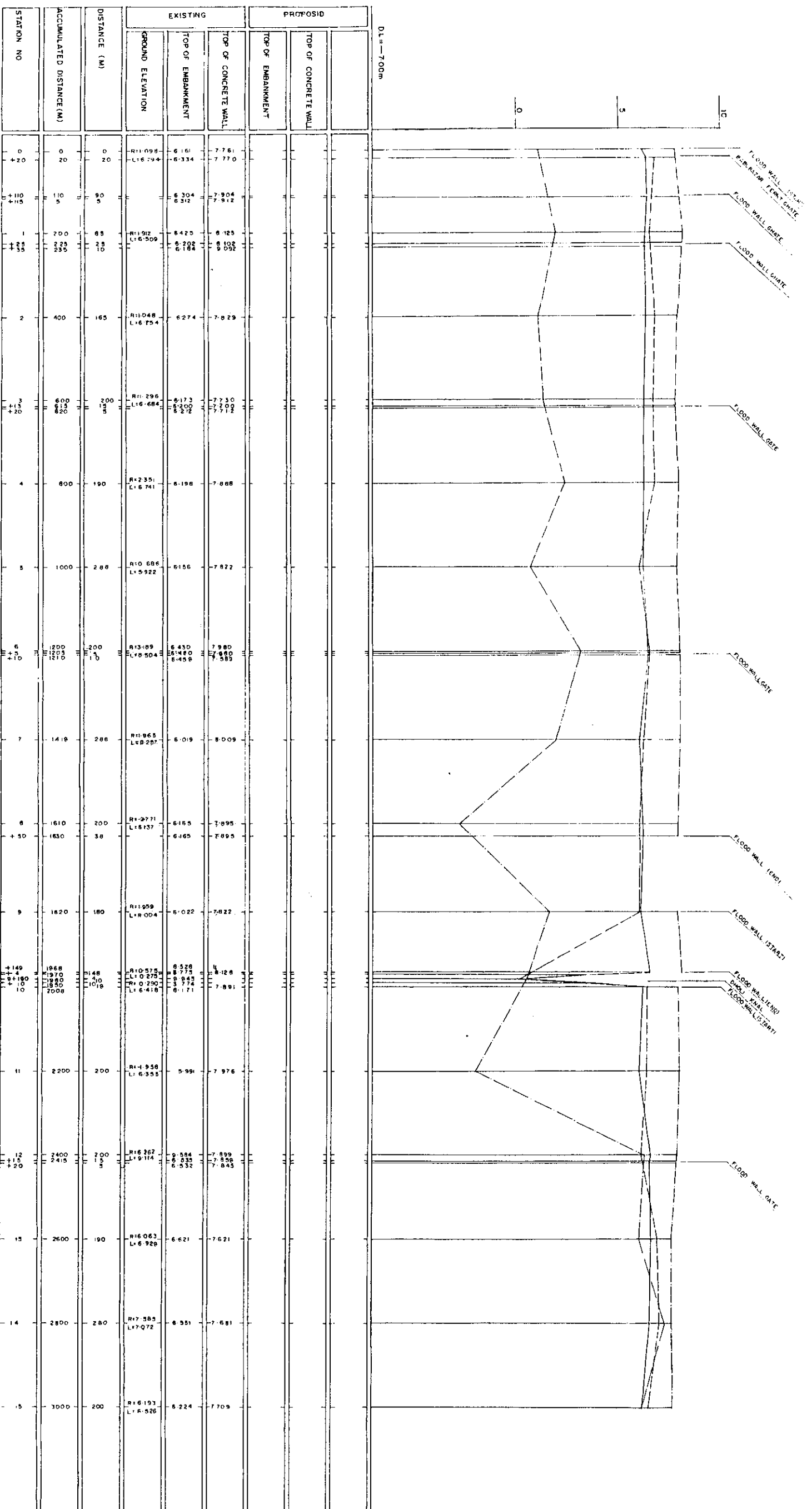


DL = 0.00m



DL = 0.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED WEST EMBANKMENT			
CROSS SECTION			
SHOSANKHOLA -	SCALE	H = 1:200	
BAROBAZAR		V = 1:100	
DWG NO.	PEW/C-5	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



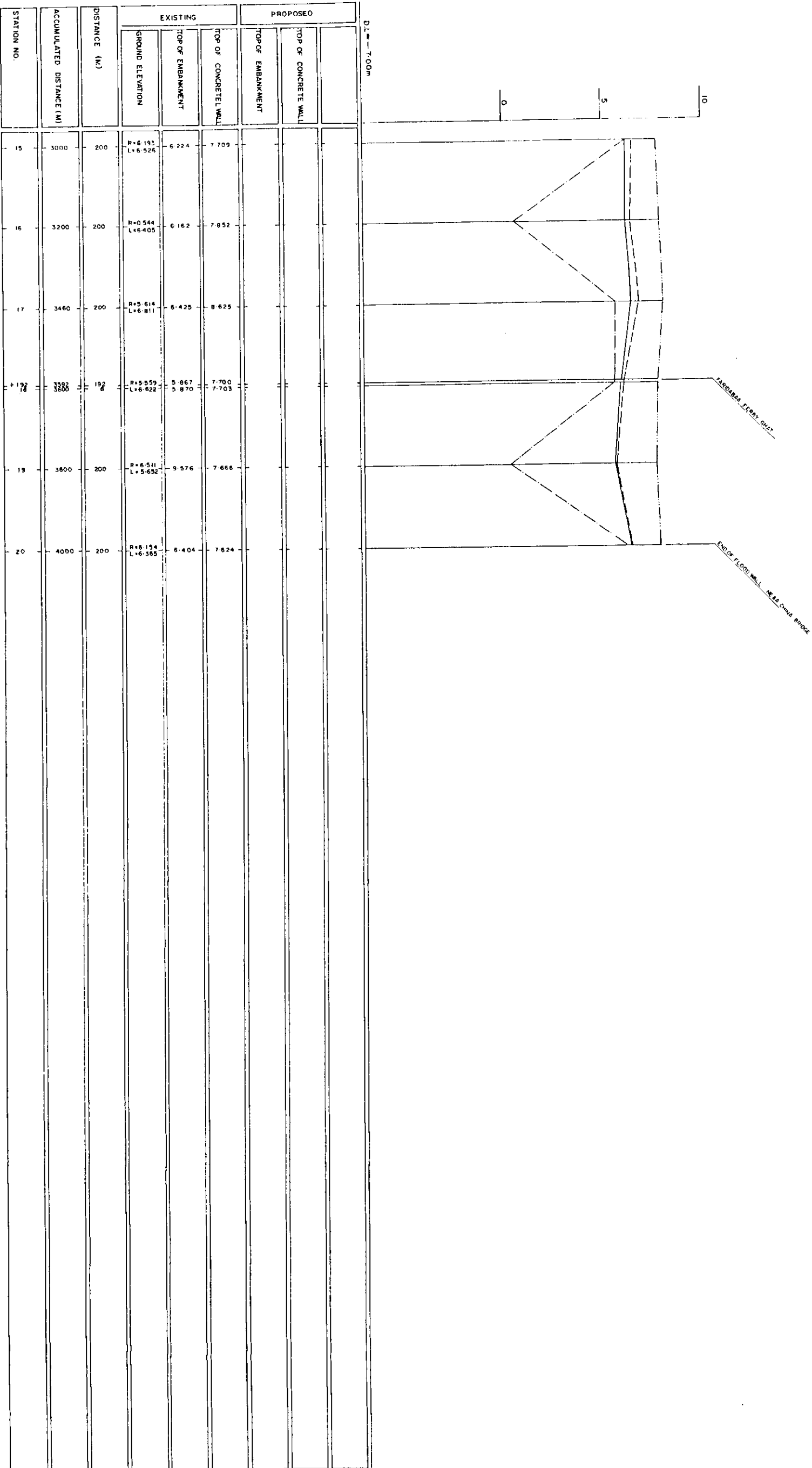
LEGEND

TOP OF EMBANKMENT ———

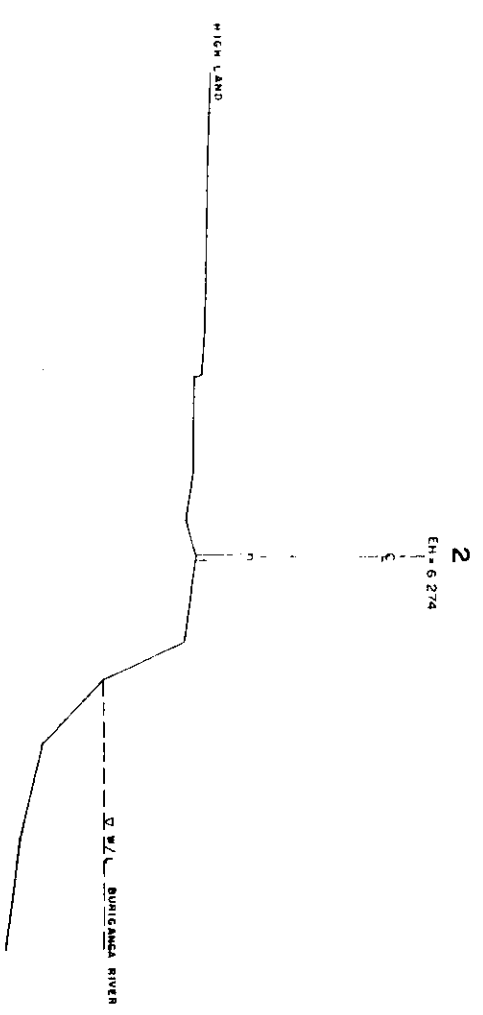
GROUND ELEVATION ———

RIGHT ———

LEFT ———

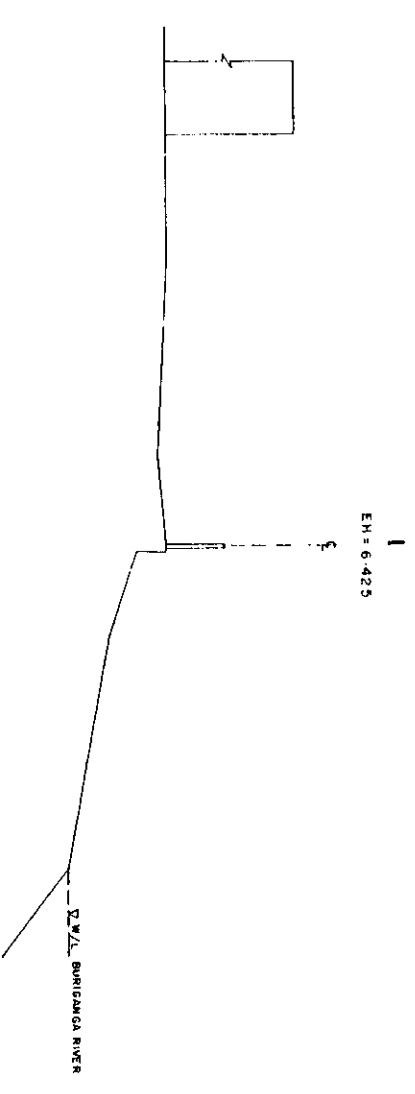


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING FLOOD WALL			
LONG SECTION			
BABOBAZAR -	SCALE	H = 1:500	
CHINA BRIDGE	DATE	V = 1:100	
DWG. NO. EF/L-2	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			



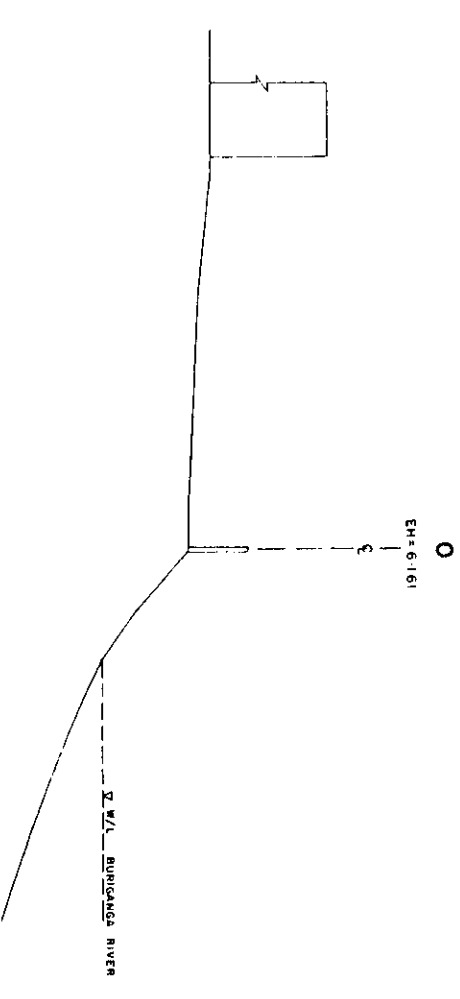
DL = 0.00m

DL = 0.00m



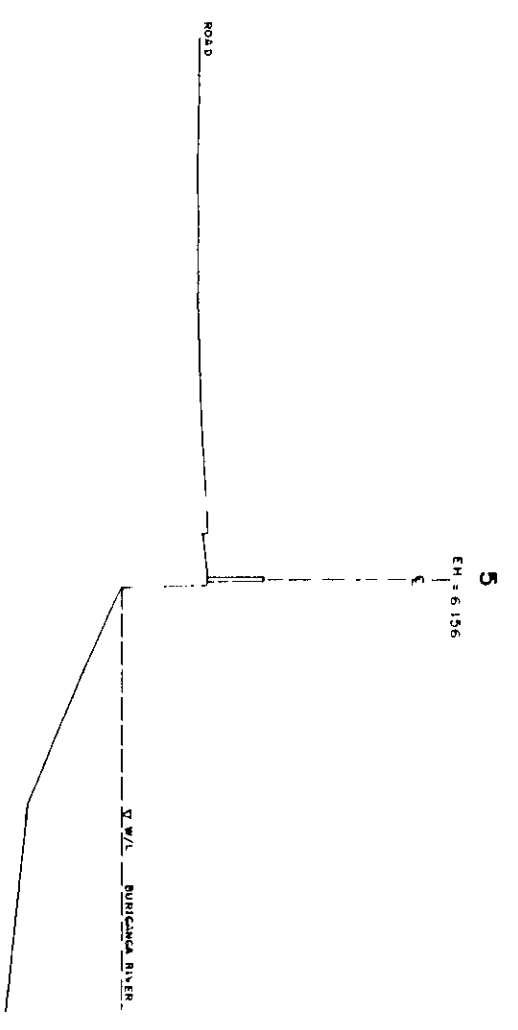
DL = 0.00m

DL = 0.00m

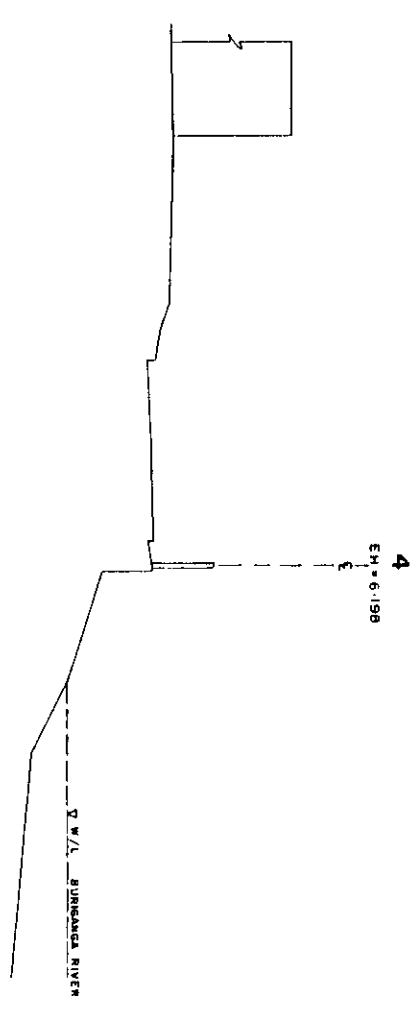


DL = 0.00m

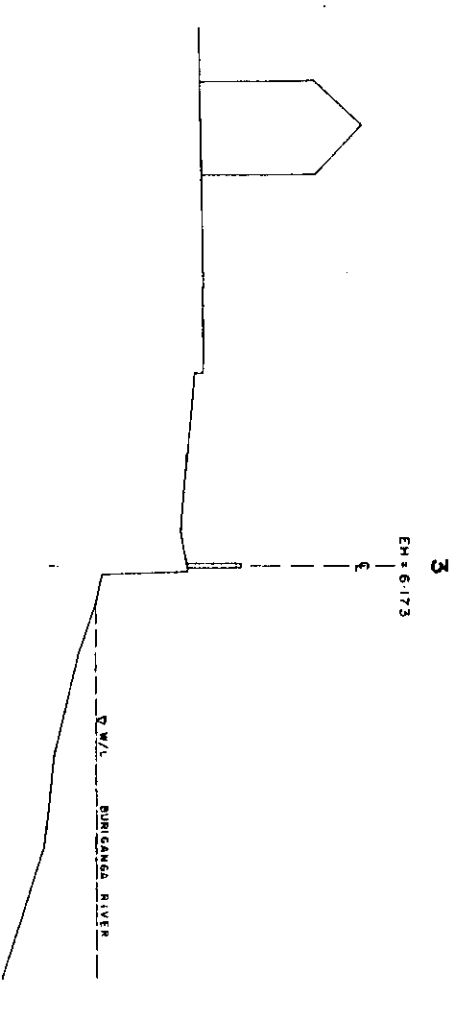
DL = 0.00m



DL = 0.00m



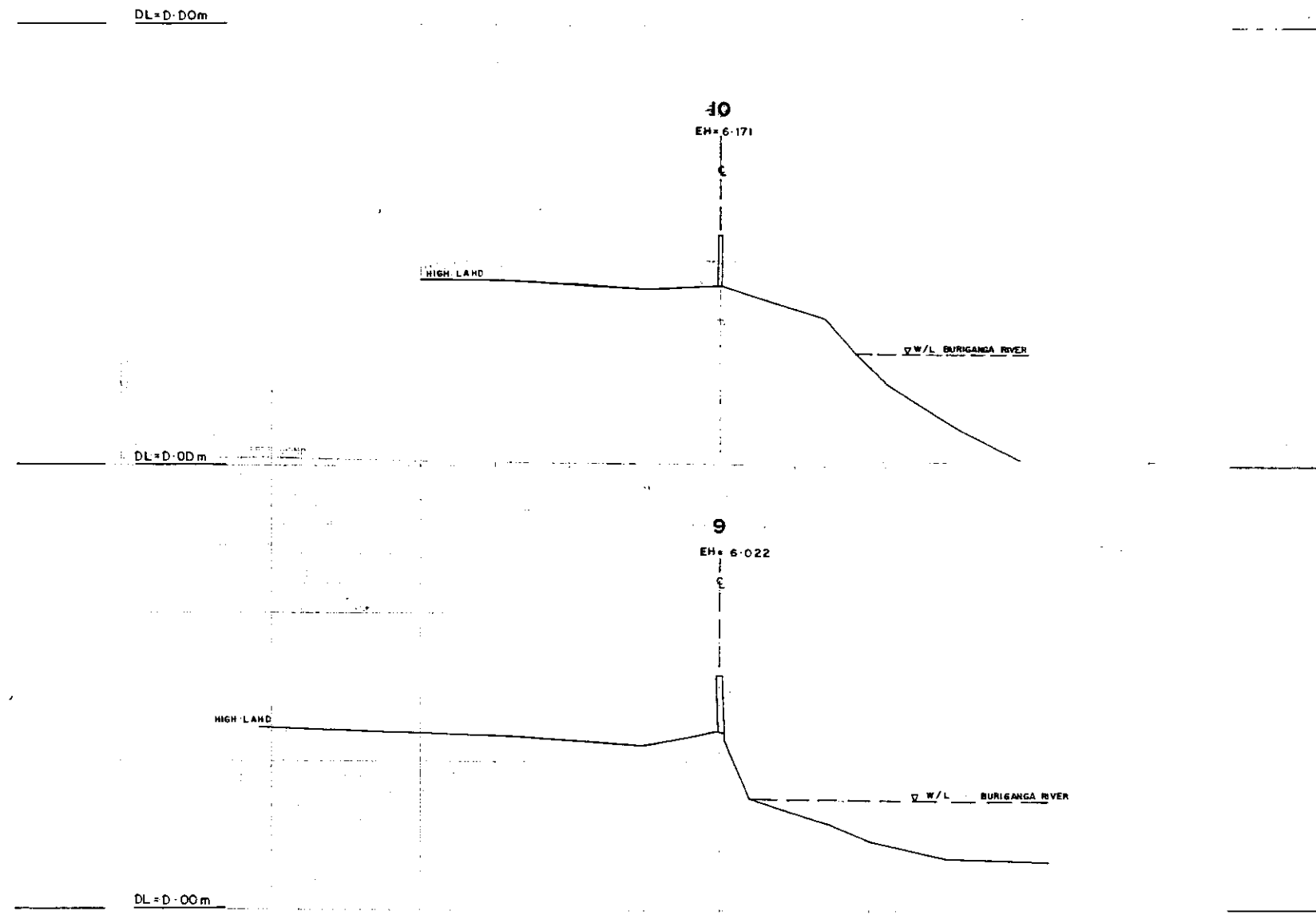
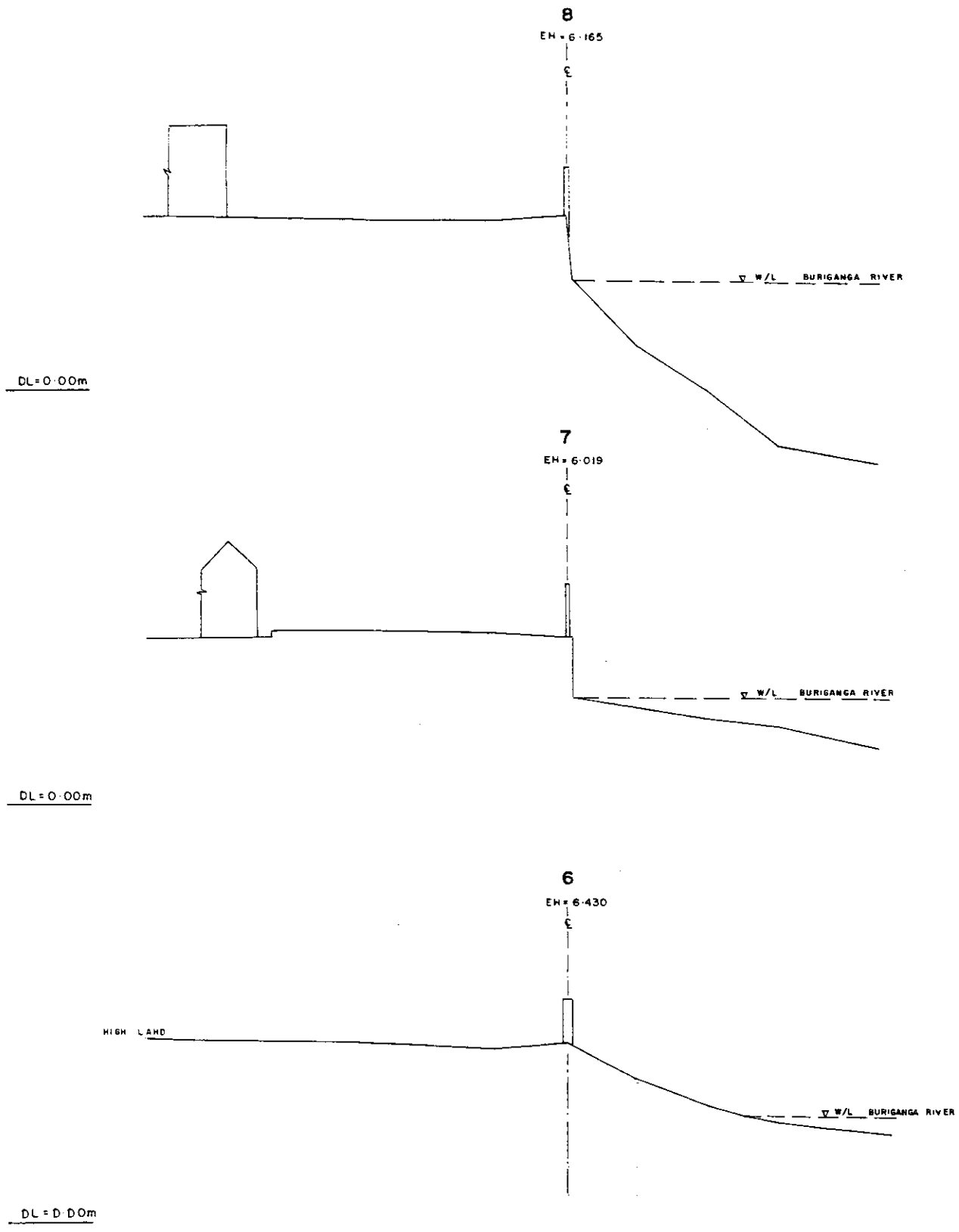
DL = 0.00m



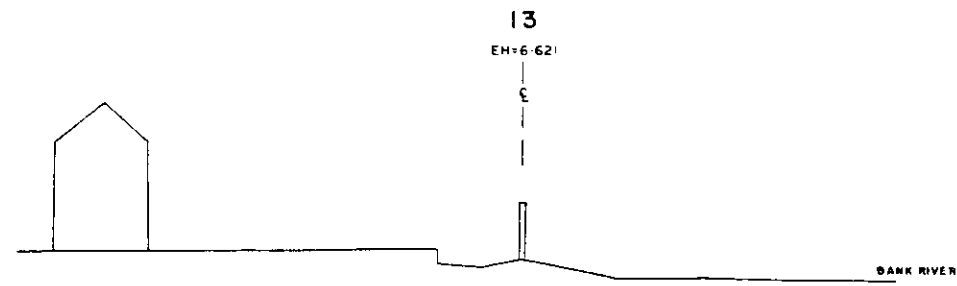
DL = 0.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING FLOOD WALL			
CROSS SECTION			
BABO BAZAR-GHNA	SCALE	1:500	
BRIDGE			
DWG. NO.	EF / C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

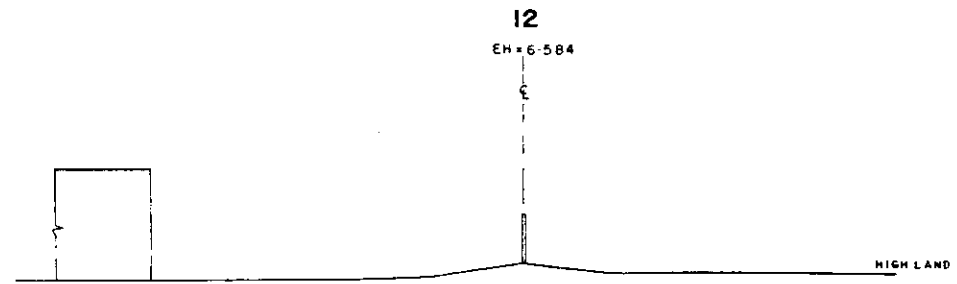
72



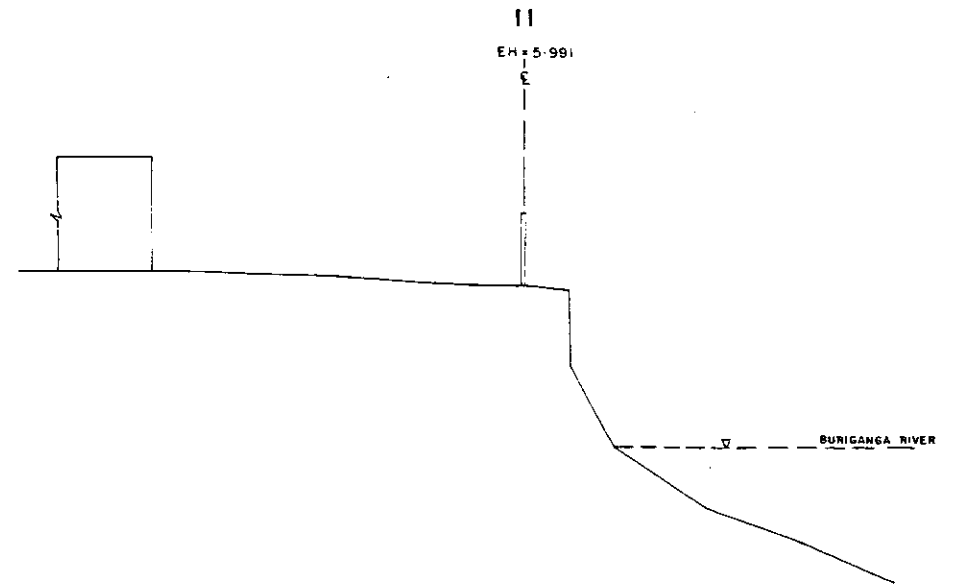
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING FLOOD WALL			
CROSS SECTION			
BABO BAZAR - CHINA-BRIDGE		SCALE	H = 1: 200 V = 1: 100
DWG NO.	EF / C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



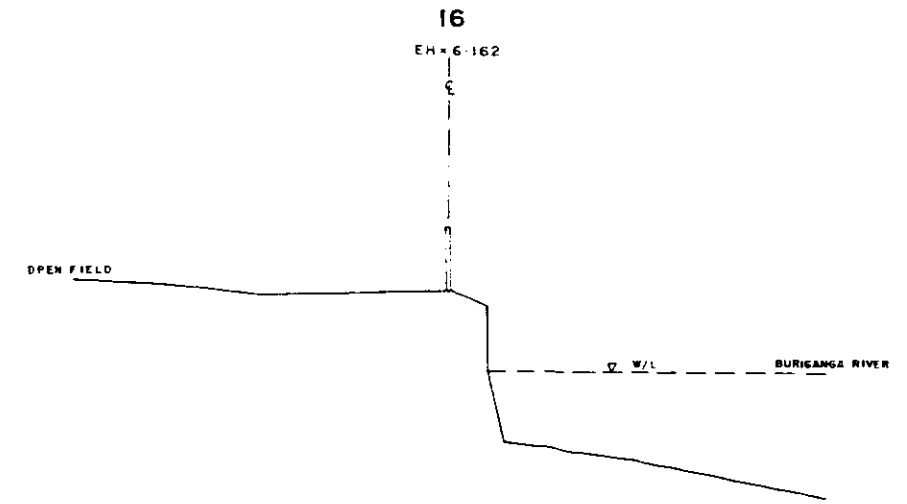
DL=0.00m



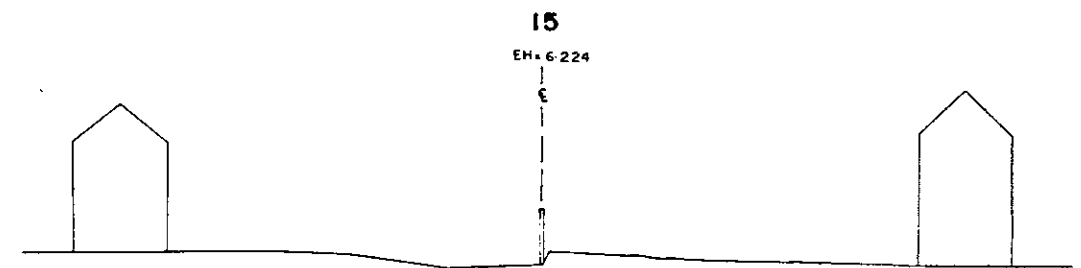
DL=0.00m



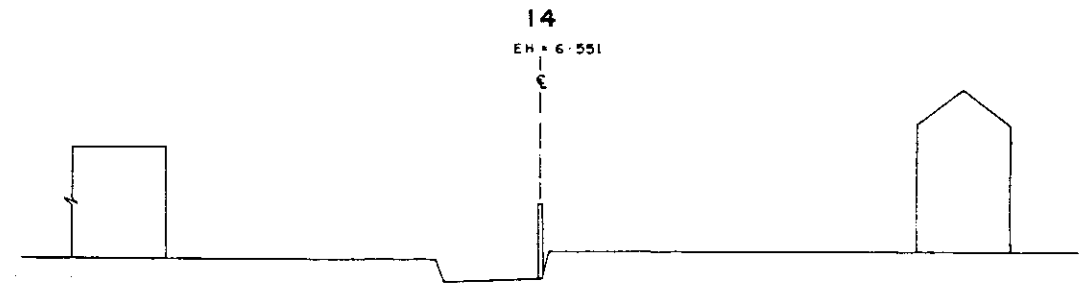
DL=0.00m



DL=0.00m

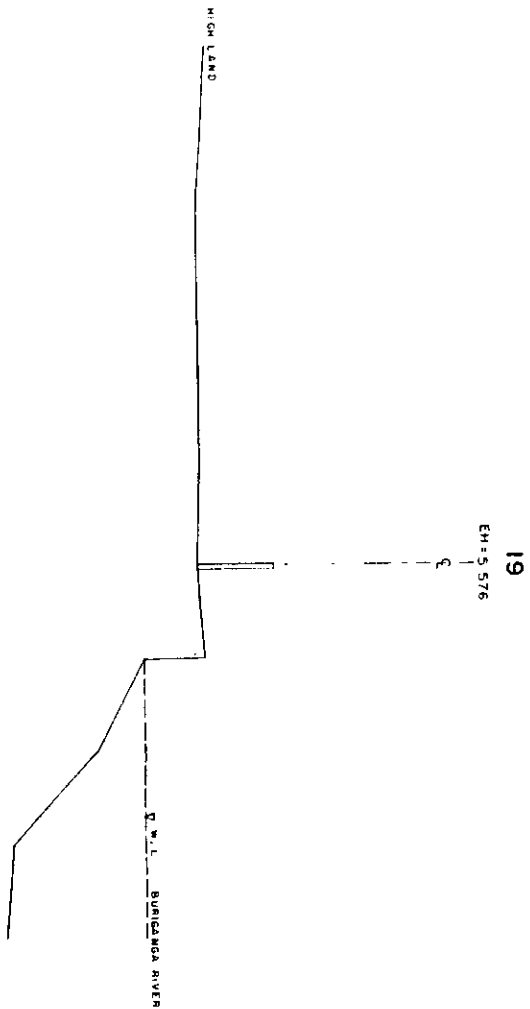


DL=0.00m

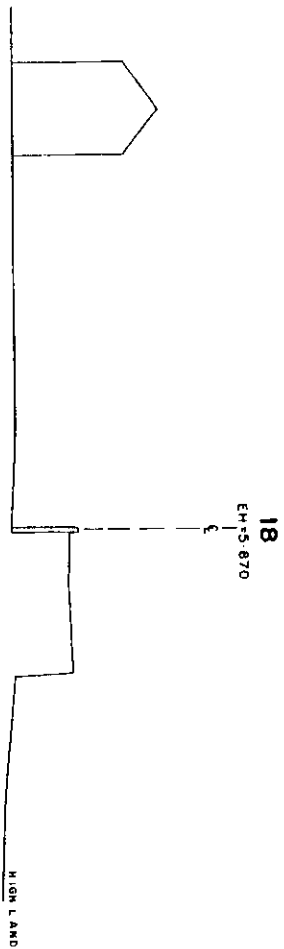


DL=0.00m

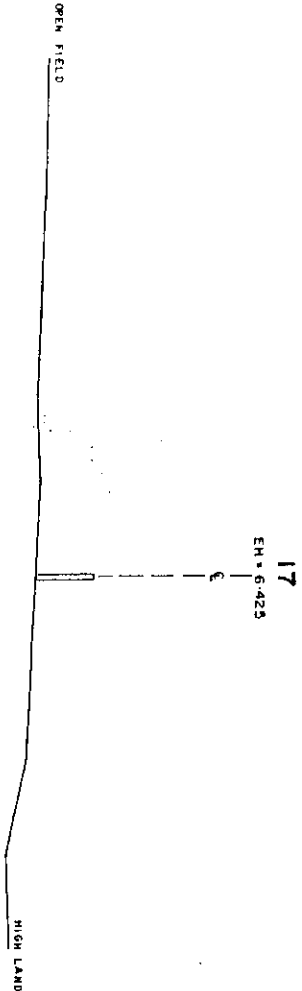
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING FLOOD WALL			
CROSS SECTION			
BABO BAZAR-CHINA	SCALE	H=1:200	V=1:100
BRIDGE	DATE	JUNE, 1991	
DWG. NO.	EF/C-3		
JAPAN INTERNATIONAL CO OPERATION AGENCY			



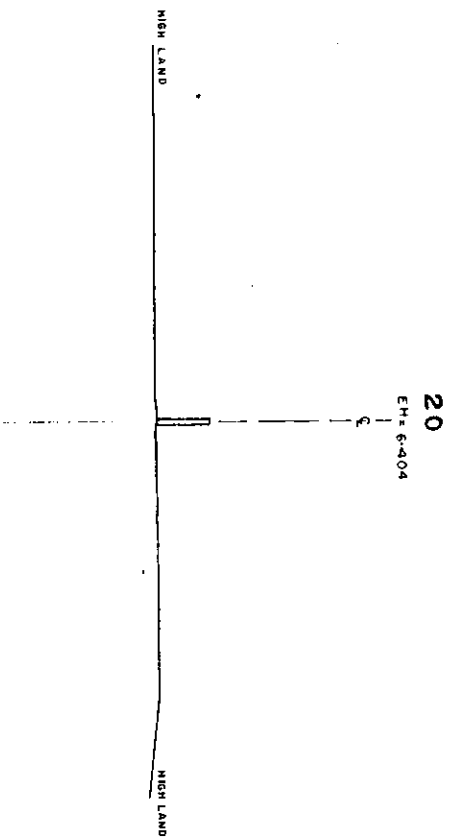
DL = 0.00m



DL = 0.00m



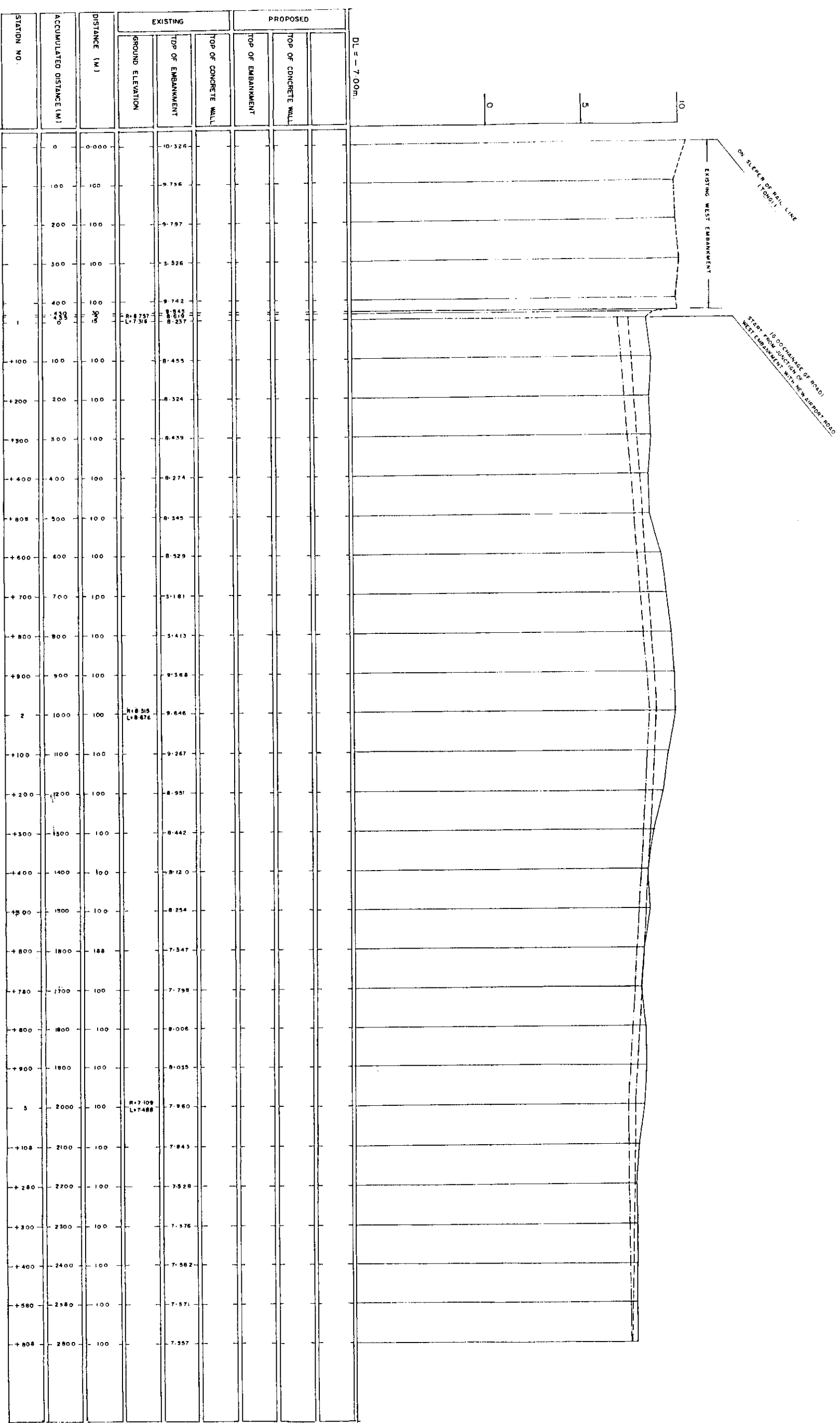
DL = 0.00m



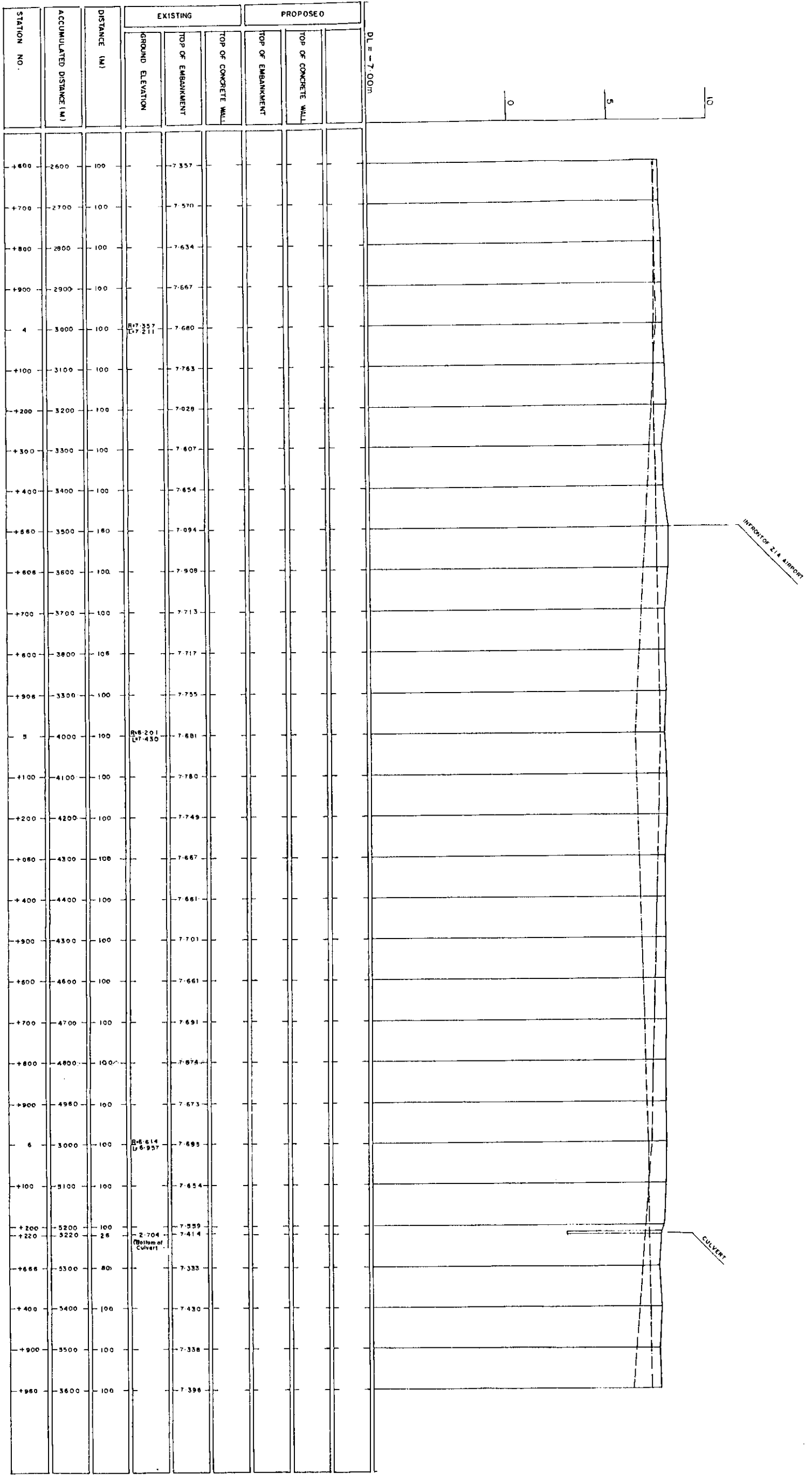
DL = 0.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING FLOOD WALL			
GROSS SECTION			
BABO BAZAR-CHINA- BRIDGE	SCALE	H=1:200 V=1:100	
DWG. NO. EF/C-4	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

77



22



LEGEND

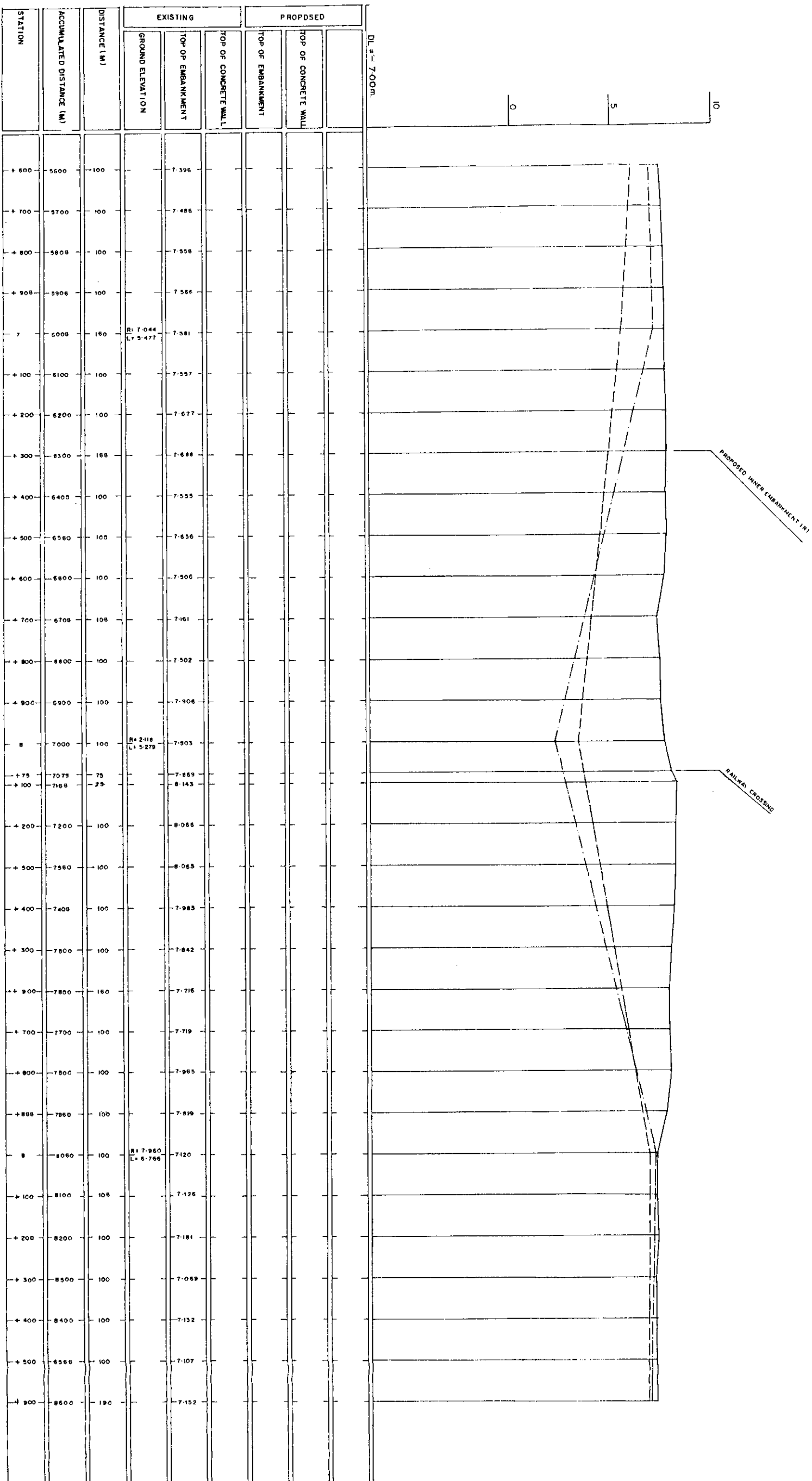
TOP OF EMBANKMENT

GROUND ELEVATION

RIGHT

LEFT

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 8A
DHAKA METROPOLITAN AREA
EXISTING ROAD CUM EMBANKMENT
LONG SECTION
TONGI-JATRAPARI
DWG NO. EER/L-2
DATE JUNE, 1991
SCALE 1:1000
1:100
JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

TOP OF EMBANKMENT

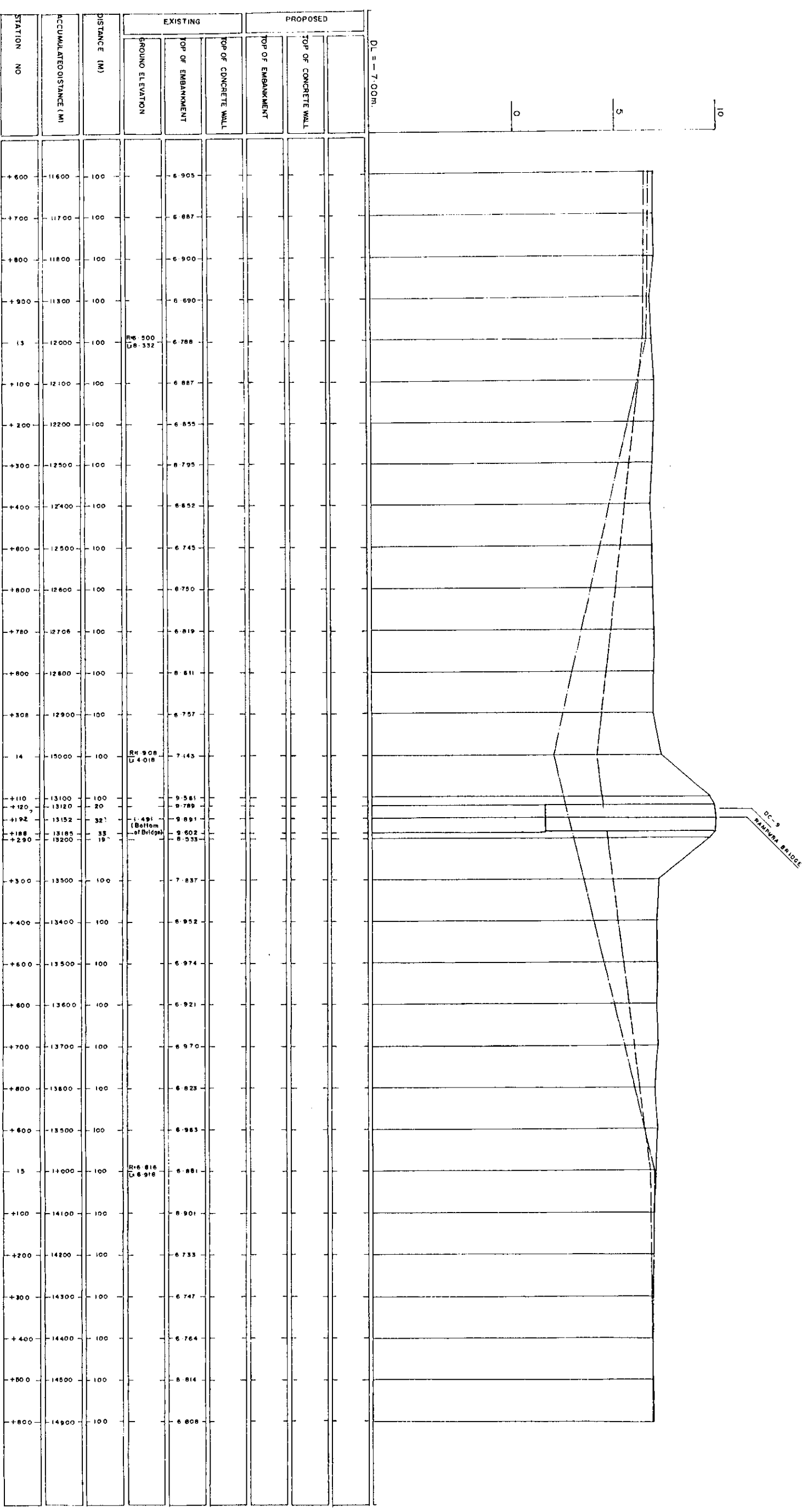
GROUND ELEVATION

RIGHT

LEFT

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING ROAD CUM EMBANKMENT			
LONG SECTION			
TONGI-JATRABARI	SCALE	H:V 1:500	
OWG NO.	EER/L-3	DATE	JUNE 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

DL = - 7.00m									
</									



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

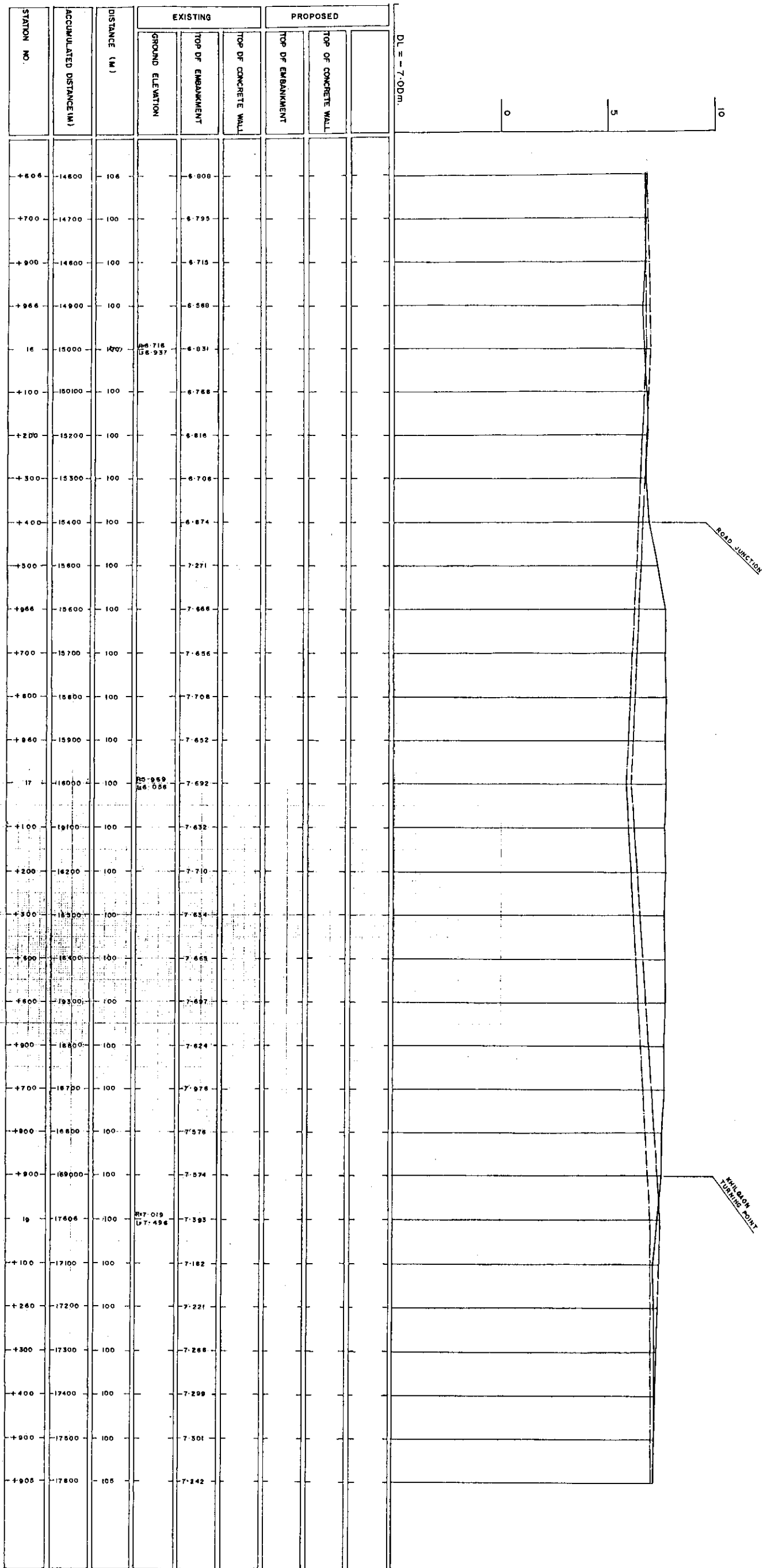
DHAKA METROPOLITAN AREA
EXISTING ROAD CUM EMBANKMENT
LONG SECTION

DWG. NO. EER/L-5 DATE JUNE, 1991

SCALE H=1:3000
V=1:100

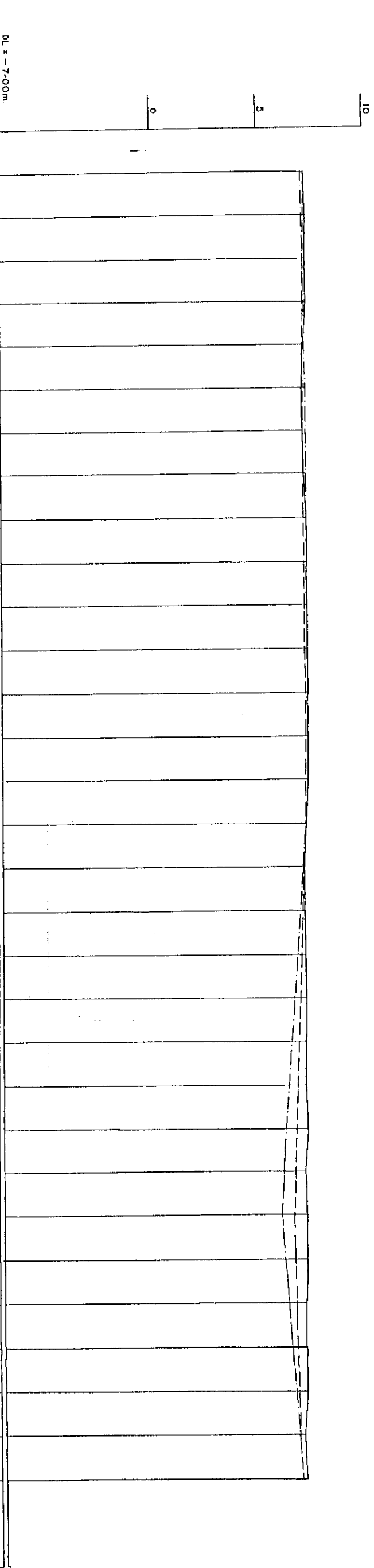
JAPAN INTERNATIONAL CO OPERATION AGENCY

250



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

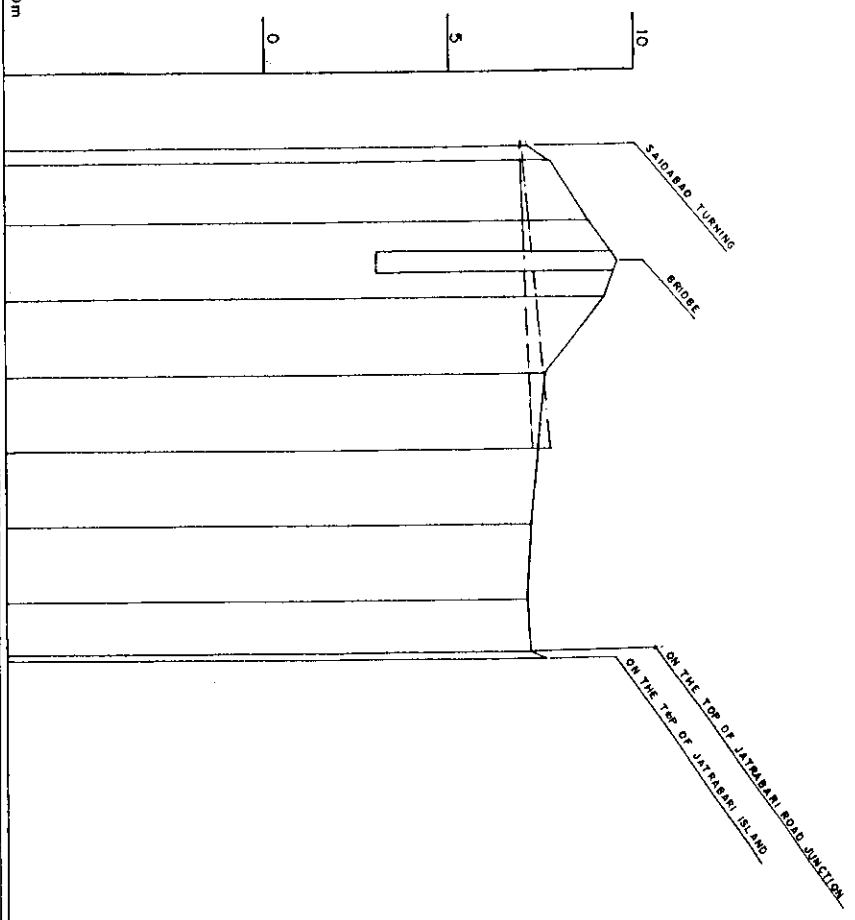
GREATER DHAKA PROTECTION PROJECT
STUDY IN DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO.9A
DHAKA METROPOLITAN AREA
EXISTING ROAD CUM EMBANKMENT
LONG SECTION
TONG-JATIRABARI
DWG NO. EER/L-6
SCALE 1:1000
DATE JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY



STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING		PROPOSED	
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT
+600	17600	100		7.242		
+700	17700	100		7.306		
+800	17800	100		7.250		
+900	17900	100		7.278		
19	18000	100	8+7.702 17.106	7.136		
+100	18100	100		7.064		
+200	18200	100		7.103		
+300	18300	100		7.125		
+400	18400	100		7.257		
+500	18500	100		7.251		
+600	18600	100		7.253		
+700	18700	100		7.273		
+800	18800	100		7.251		
+900	18900	100		7.248		
20	19000	100	8+7.263 17.148	7.230		
+100	19100	100		7.146		
+200	19200	100		7.071		
+300	19300	100		7.186		
+400	19400	100		7.101		
+500	19500	100		7.143		
+600	19600	100		7.107		
+700	19700	100		7.102		
+800	19800	100		7.207		
+900	19900	100		7.056		
21	20000	100	8+7.346 17.347	7.155		
+100	20100	100		7.152		
+200	20200	100		7.127		
+300	20300	100		7.131		
+400	20400	100		7.126		
+500	20500	100		7.013		
+600	20600	100		7.088		

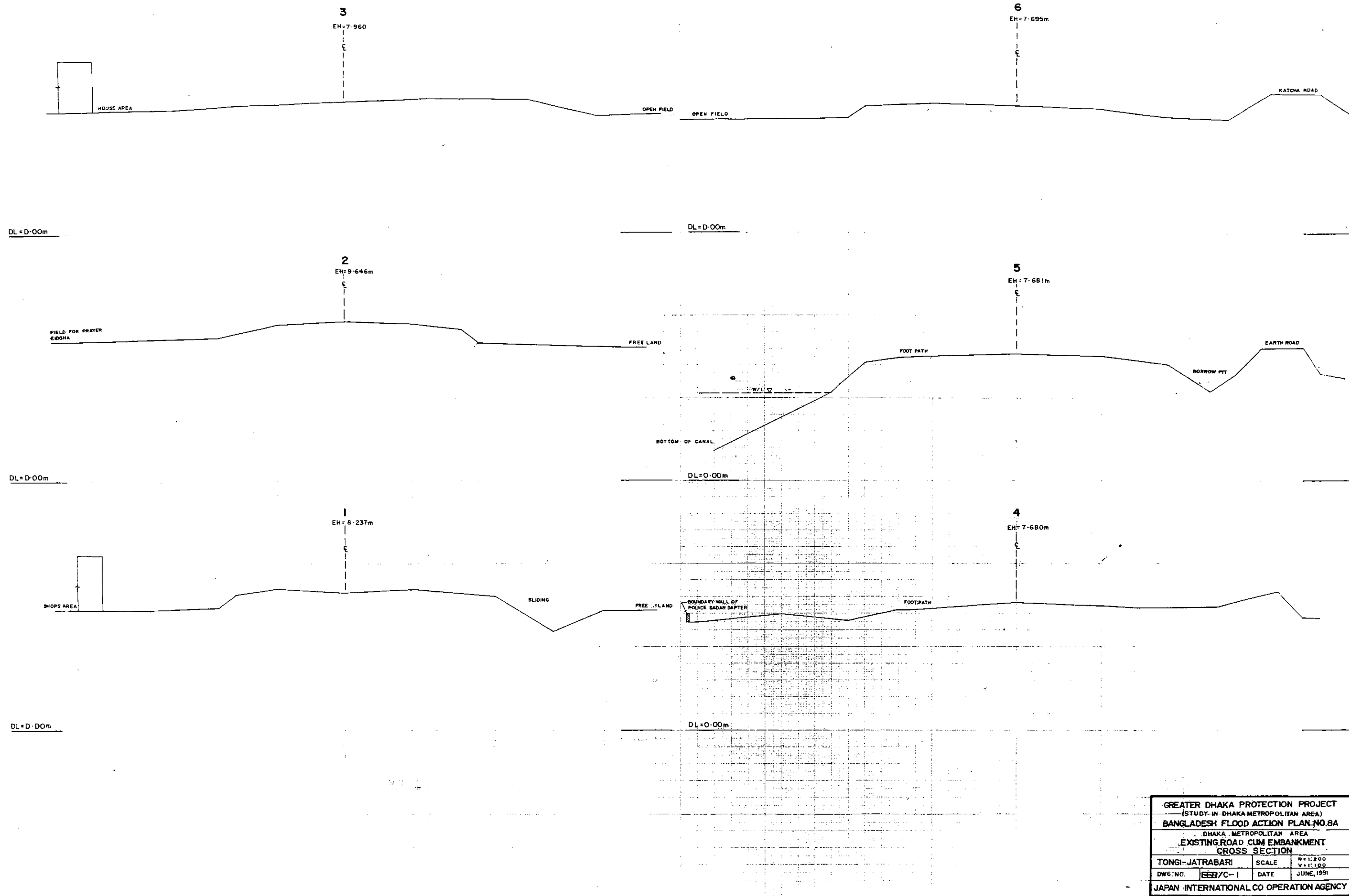
LEGEND
 TOP OF EMBANKMENT
 GROUND ELEVATION
 RIGHT
 LEFT

GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING ROAD CUM EMBANKMENT			
LONG SECTION			
DATE	SCALE	DATE	SCALE
1991	1:100	1991	1:100
JAPAN INTERNATIONAL COOPERATION AGENCY			

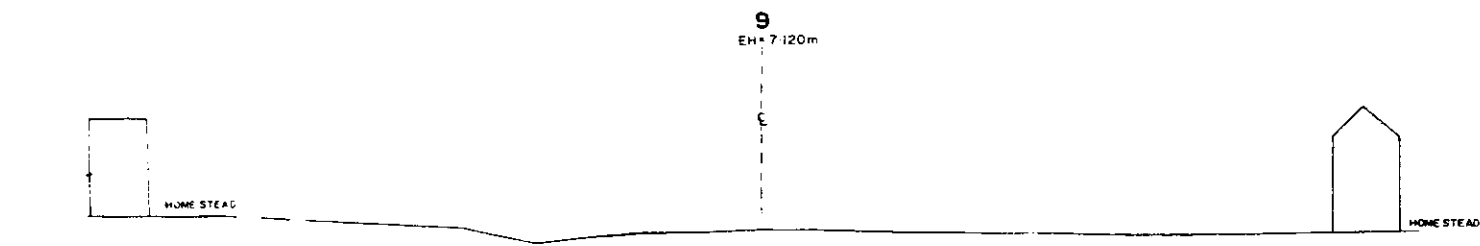


STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	
+606	20600	160		7.086				
+620	20626	26		7.702				
+700	20700	100		8.727				
+766	20755	55	3.055 Bottom of Bridge	6.497				
+806	20800	100		9.186				
+906	20906	100		7.532				
22	21000	100	87.444 157.164	7.302				
+100	21100	100		7.101				
+200	21200	100		6.966				
+220	21270	70		7.629				
+227	21277	77		7.476				

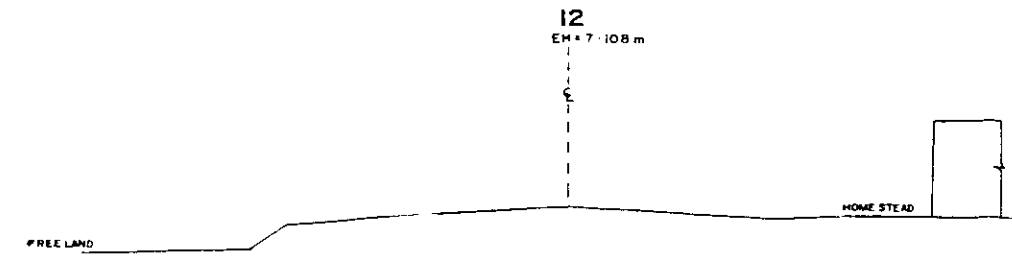
LEGEND
 TOP OF EMBANKMENT
 GROUND ELEVATION
 RIGHT
 LEFT



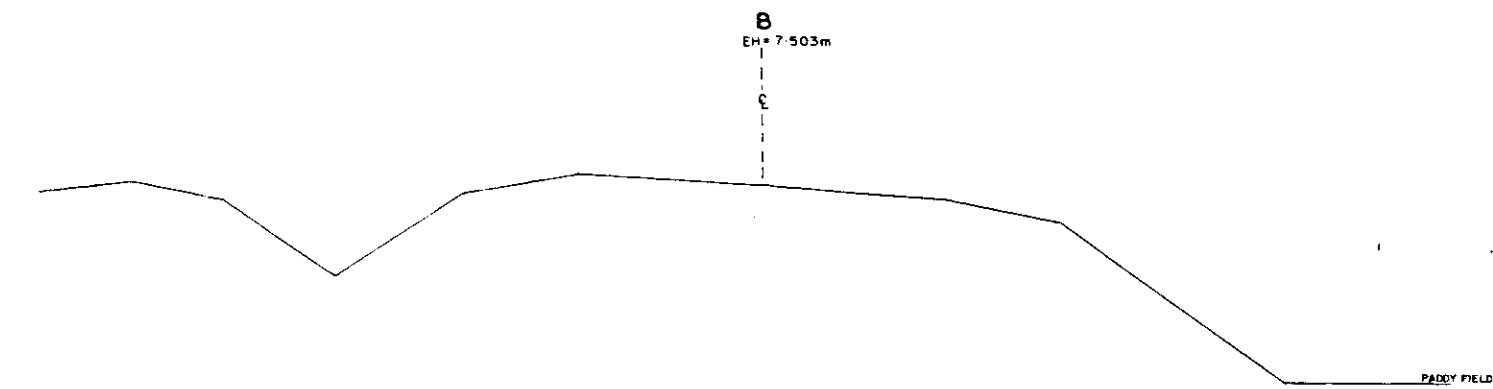
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO. 8A		
DHAKA METROPOLITAN AREA		
EXISTING ROAD CUM EMBANKMENT CROSS SECTION		
TONGI-JATRABARI	SCALE	N=1:200 V=1:100
DWG. NO. EEB/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		



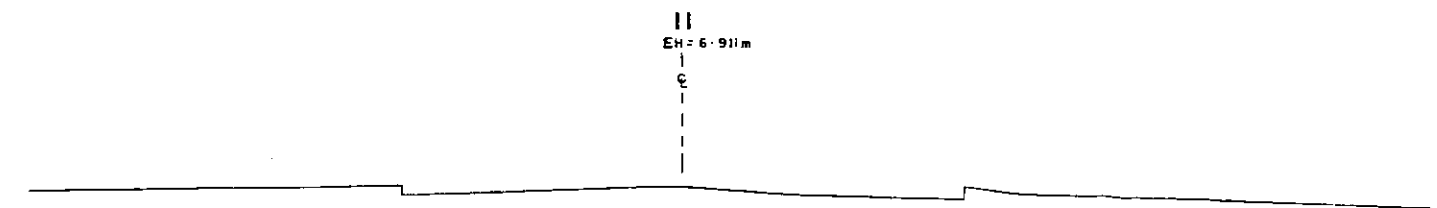
DL = 0.00m



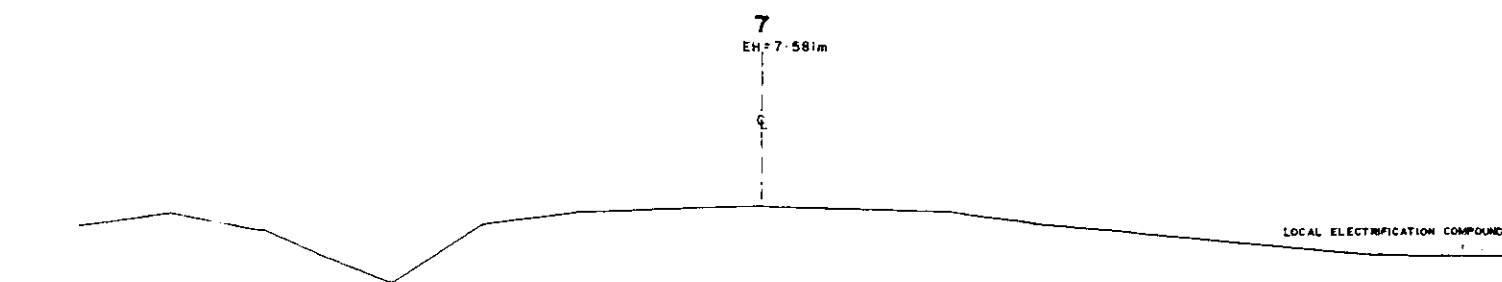
DL = 0.00m



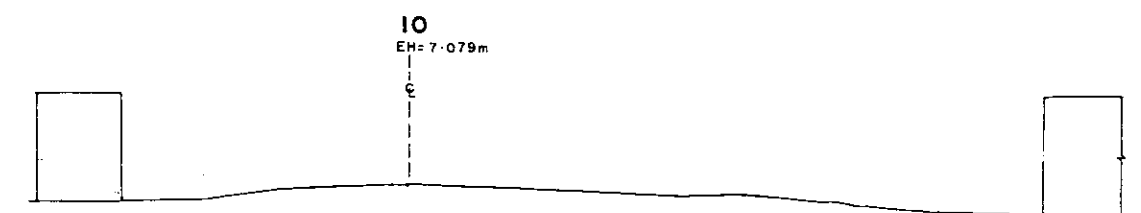
DL = 0.00m



DL = 0.00m

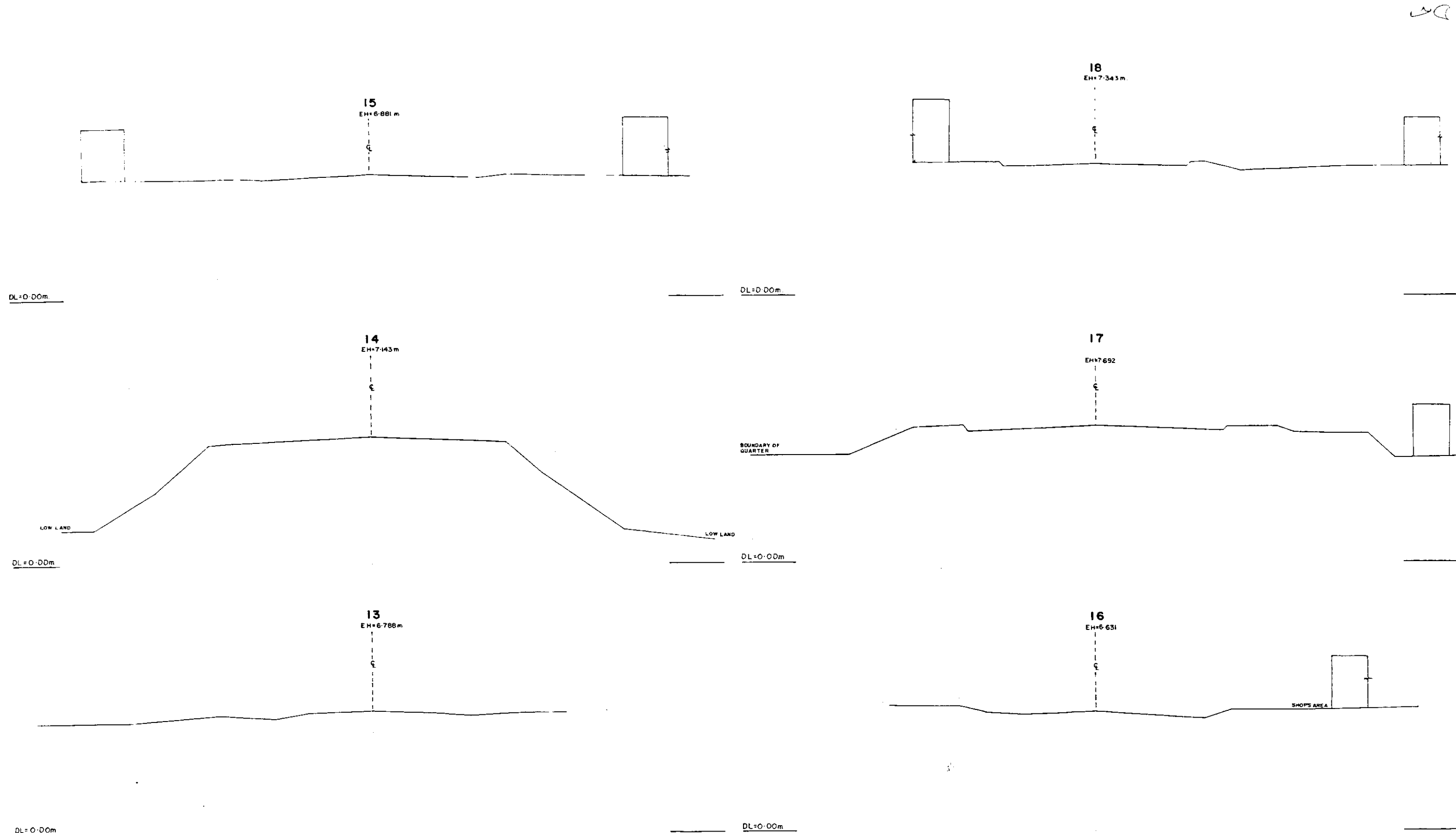


DL = 0.00m

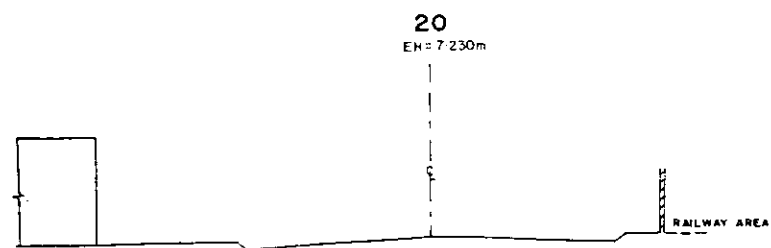


DL = 0.00m

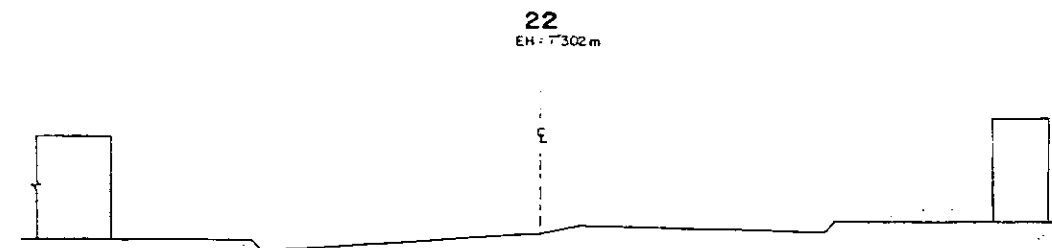
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA EXISTING ROAD CUM EMBANKMENT CROSS SECTION		
TONGI-JATRABARI	SCALE	H.T. 200 V.T. 100
DWG. NO. EER/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		



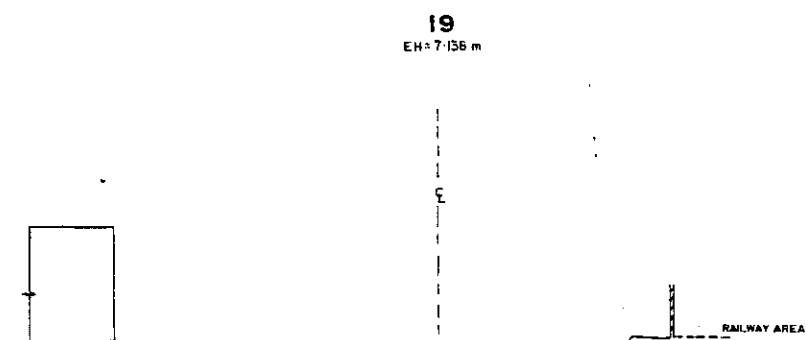
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING ROAD CUM EMBANKMENT CROSS SECTION			
TONGI-JATRABARI	SCALE	H: 200	V: 100
DWG. NO. EER/C-3	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			



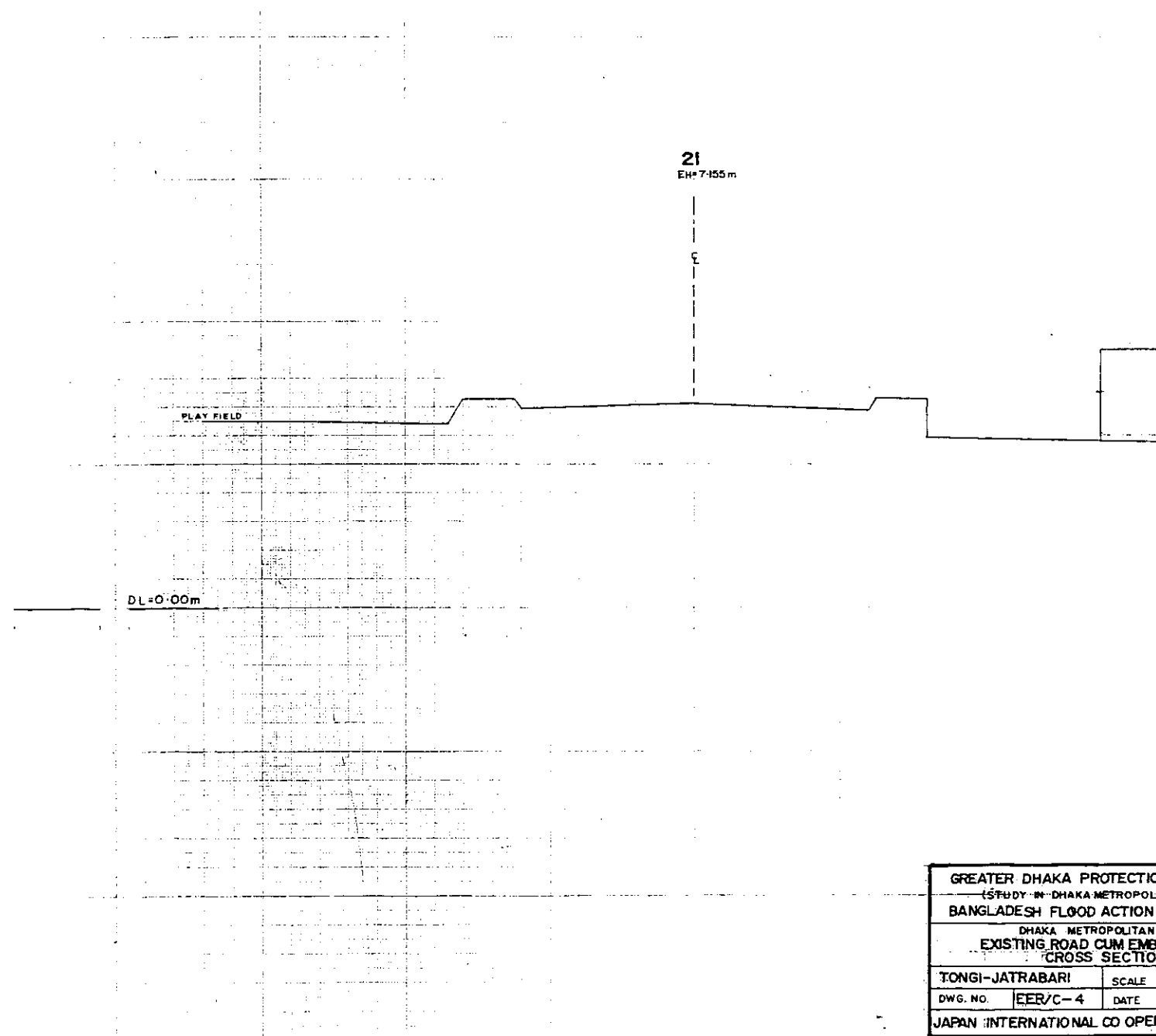
DL=0.00m



DL=0.00m

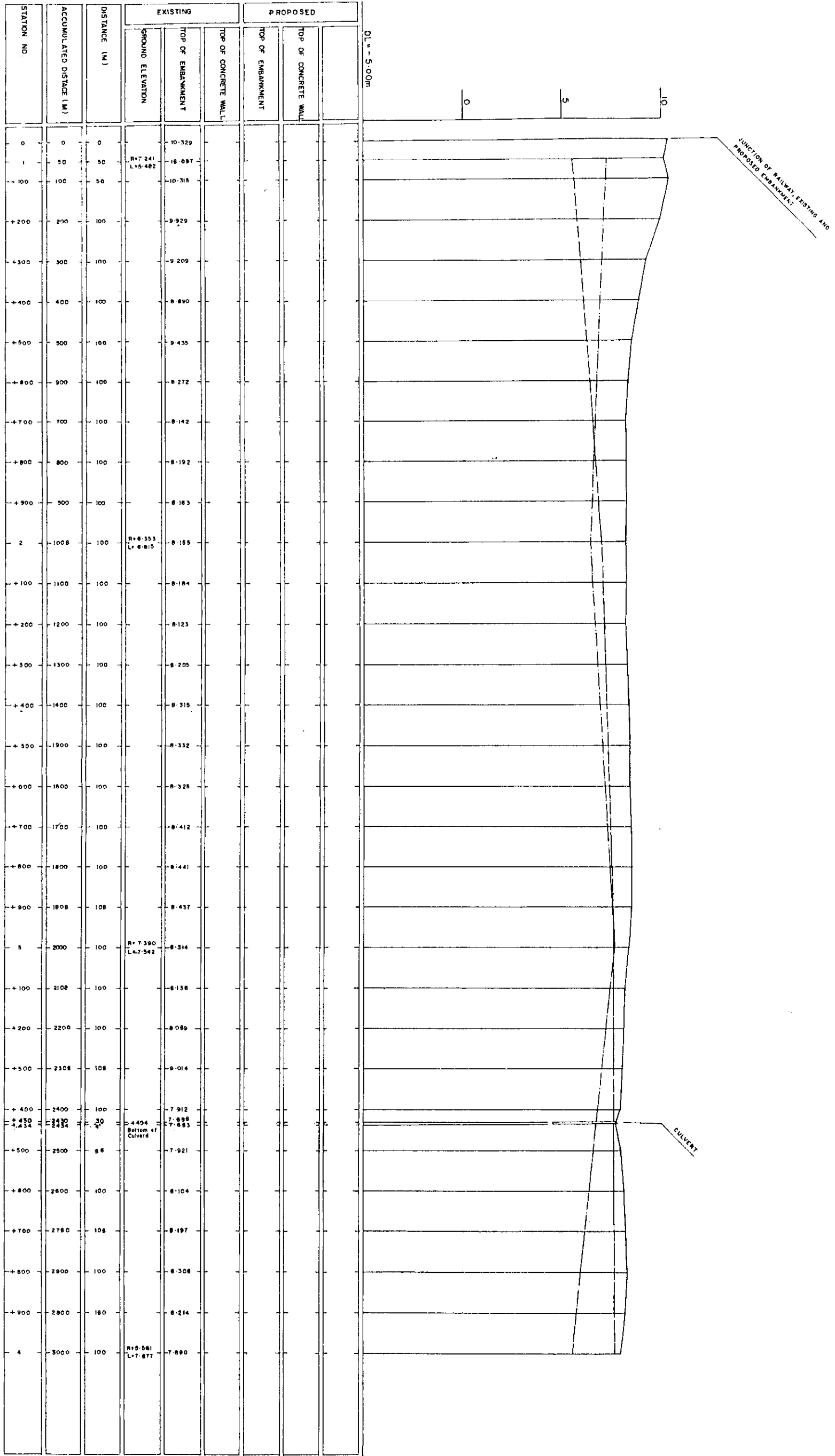


DL=0.00m



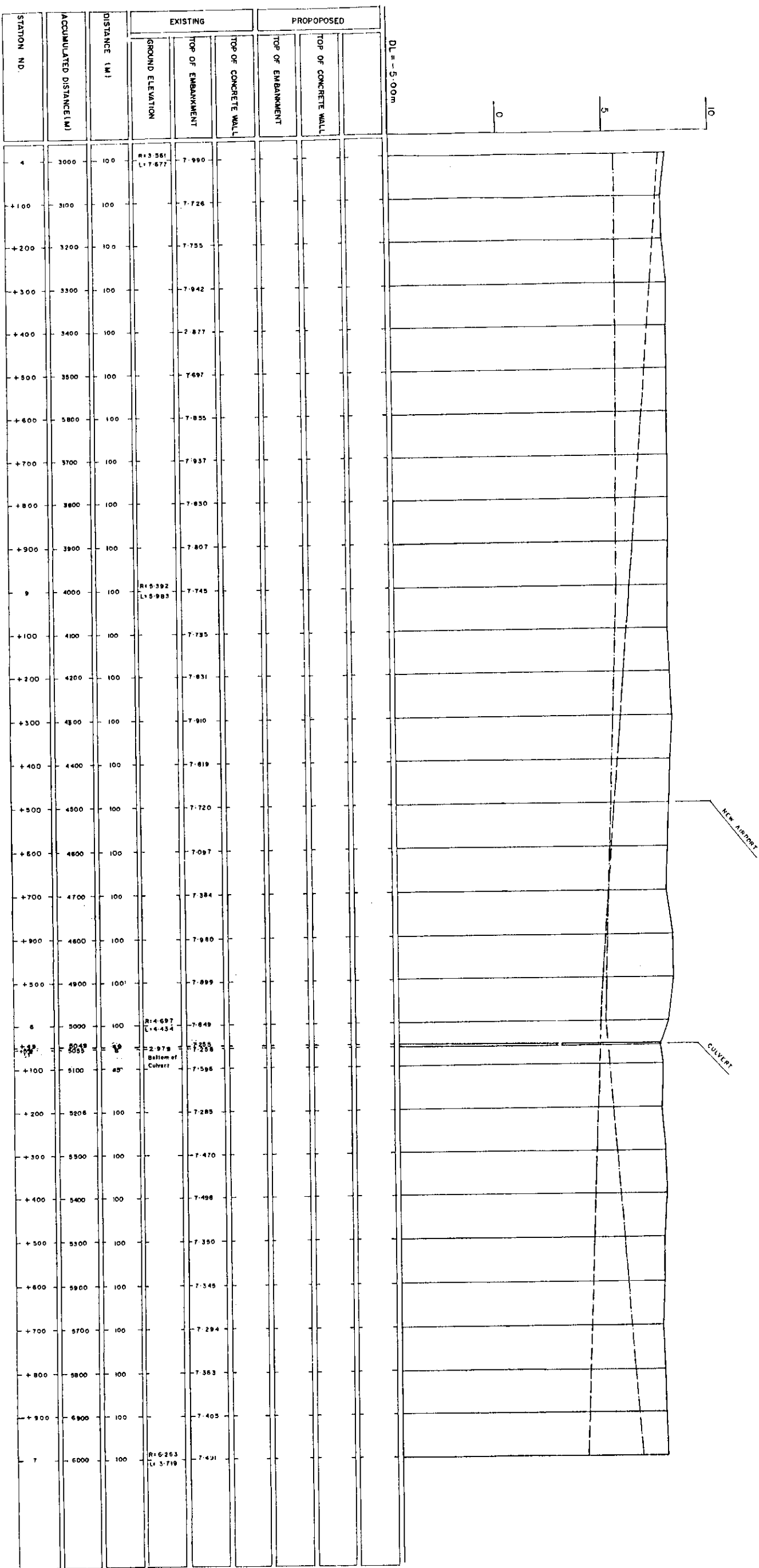
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING ROAD CUM EMBANKMENT		
CROSS SECTION		
TONGI-JATRABARI	SCALE	H: 1:200 V: 1:10.0
DWG. NO. EER/C-4	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY		

54



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

257



LEGEND

TOP OF EMBANKMENT

GROUND ELEVATION

RIGHT

LEFT

GREATER DHAKA PROTECTION PROJECT
STUDY IN DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO.8A
DHAKA METROPOLITAN AREA
EXISTING INNER RAILWAY
LONG SECTION

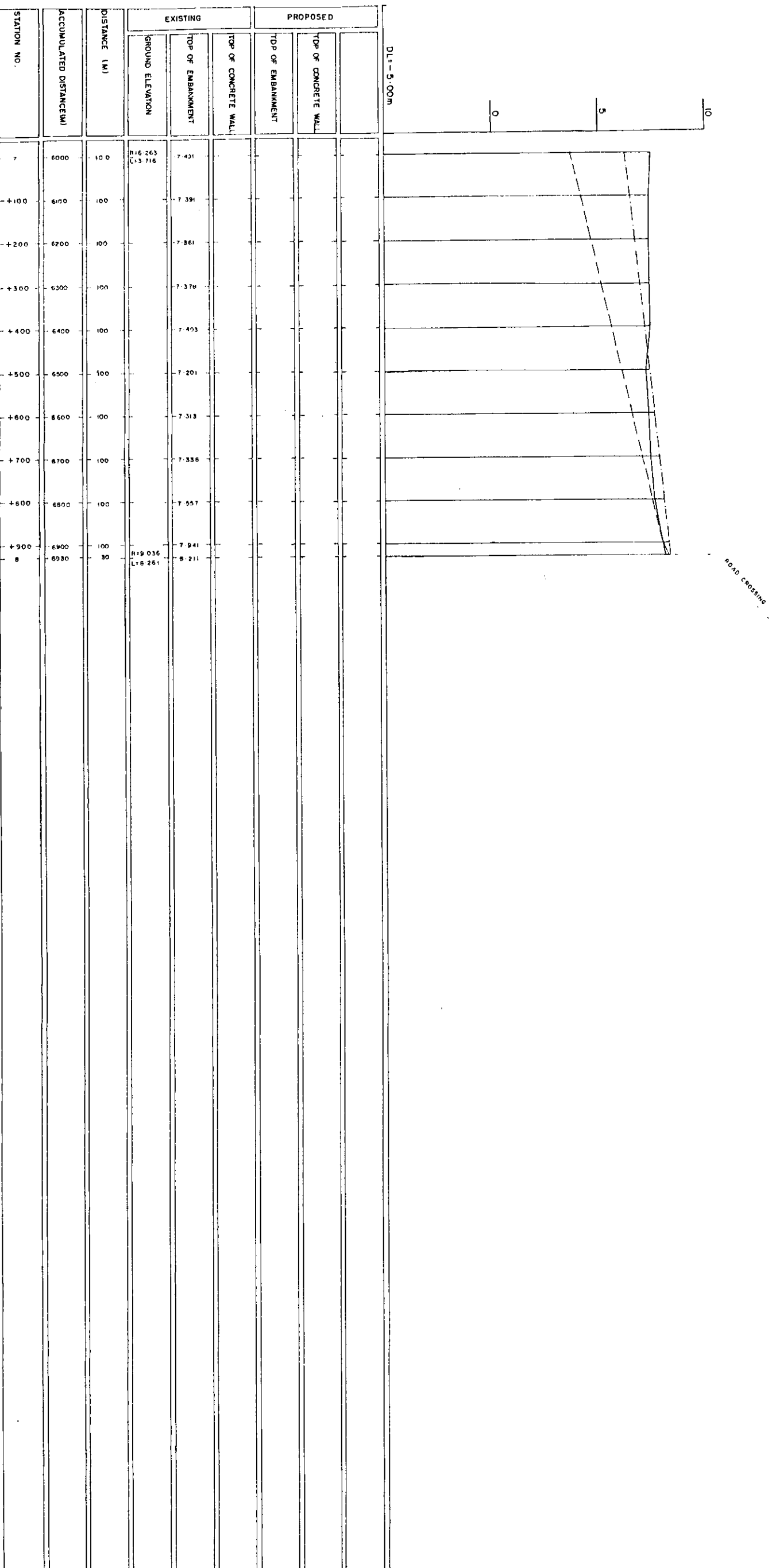
TONGI-JUNCTION

SCALE

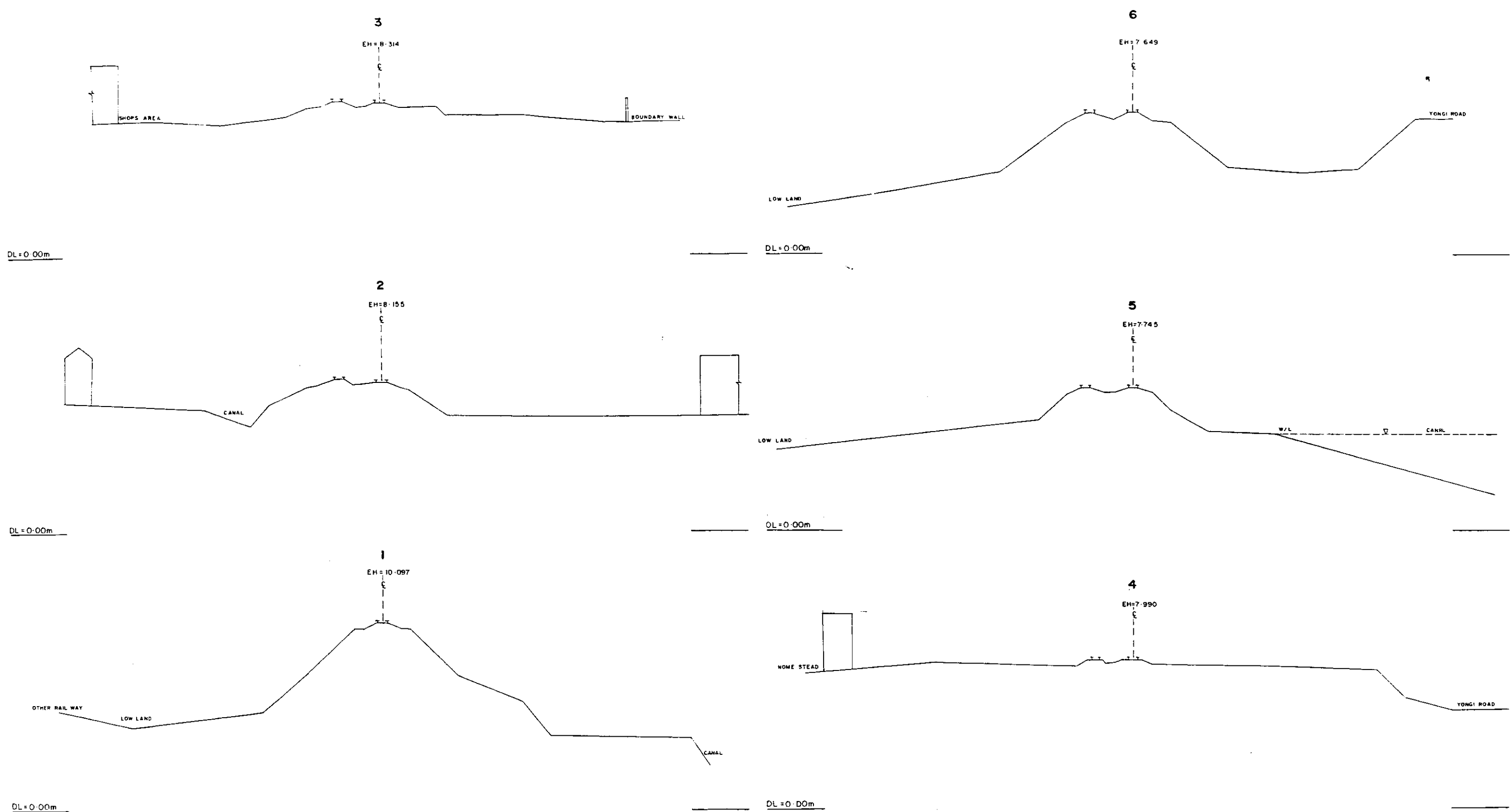
DATE

JUNE, 1991

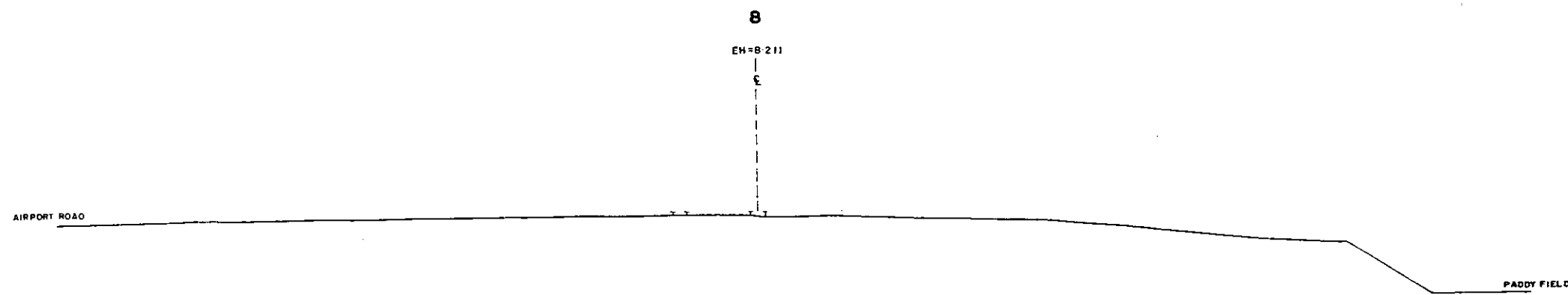
JAPAN INTERNATIONAL CO-OPERATION AGENCY



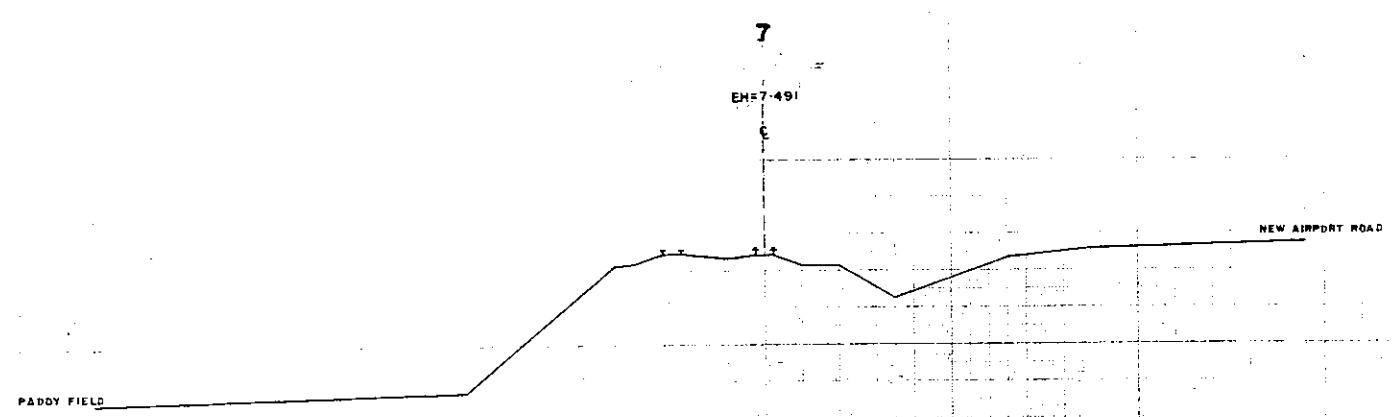
LEGEND
 TOP OF EMBANKMENT
 GROUND ELEVATION
 RIGHT
 LEFT



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING INNER RAILWAY		
LONG SECTION		
TONGI-JUNCTION	SCALE	H:1:200 V:1:100
DWG. NO. ERI/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		

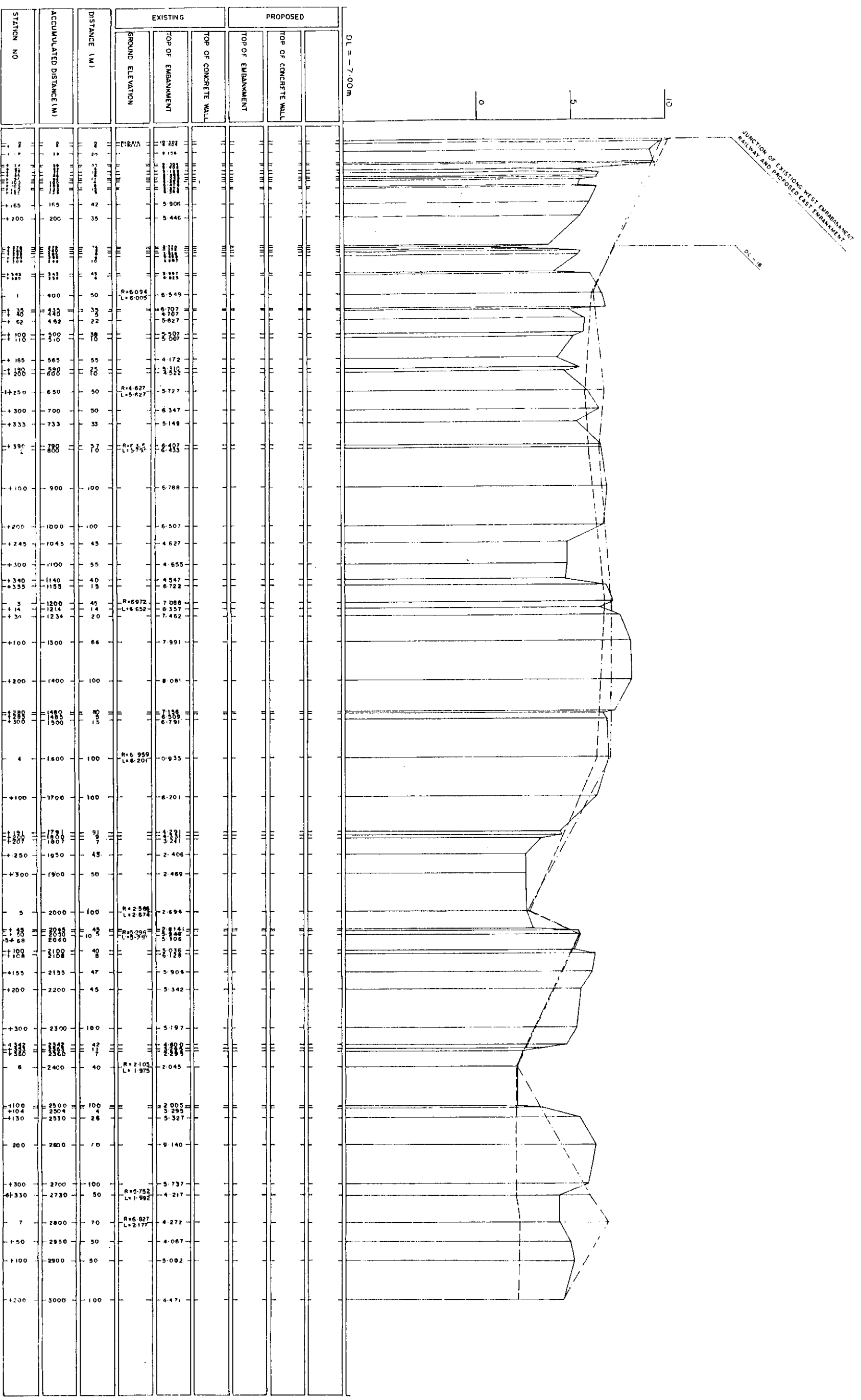


DL=0.00m

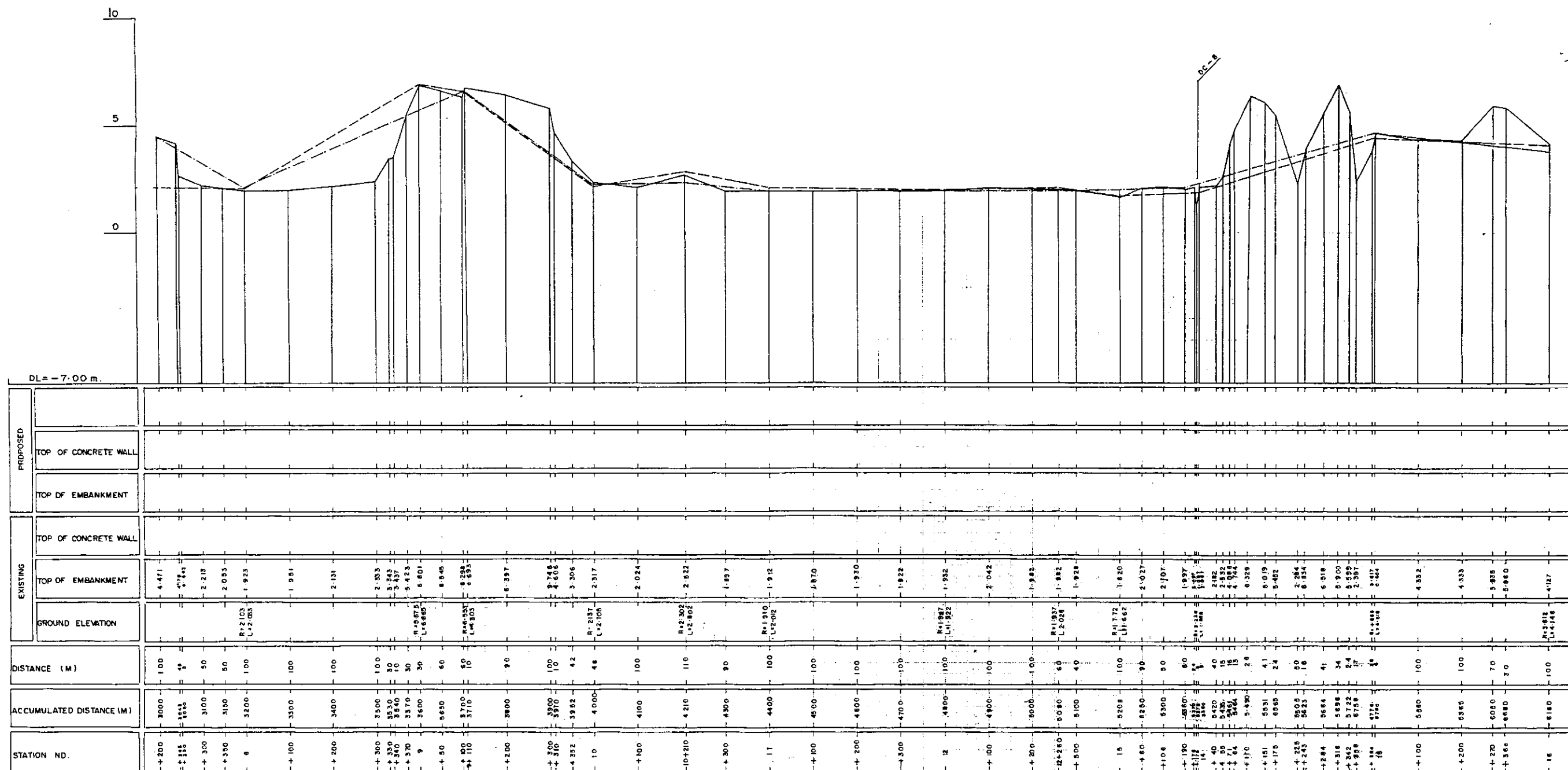


DL=0.00m

GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING INNER RAILWAY		
CROSS SECTION		
TONGI-JUNCTION	SCALE	N=1:200 V=1:100
DWG. NO. ERI/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		

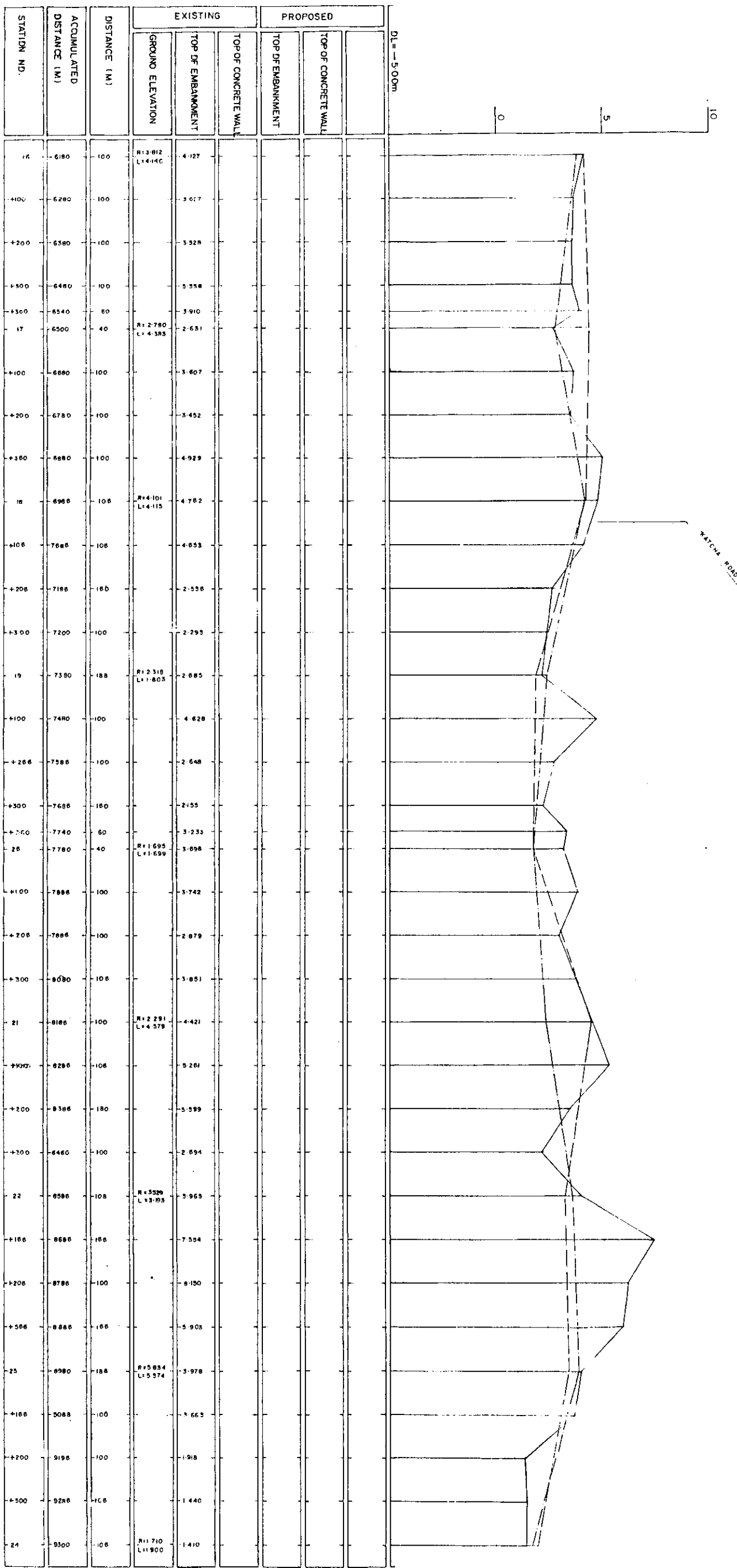


GREATER DHAKA PROTECTION PROJECT
STUDY IN DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO. BA
DHAKA METROPOLITAN AREA
PROPOSED EAST EMBANKMENT
LONG SECTION
TONGI-DEMRA
SCALE 1:1000
DATE JUNE 1991
JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND
 TOP OF EMBANKMENT
 GROUND ELEVATION
 RIGHT
 LEFT

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO. BA		
DHAKA METROPOLITAN AREA PROPOSED EAST EMBANKMENT LONG SECTION		
TONGI-DEMRA	SCALE	H=1:5000 V=1:100
DWG NO. PEE/L-2	DATE	JUNE.1991
JAPAN INTERNATIONAL COOPERATION AGENCY		



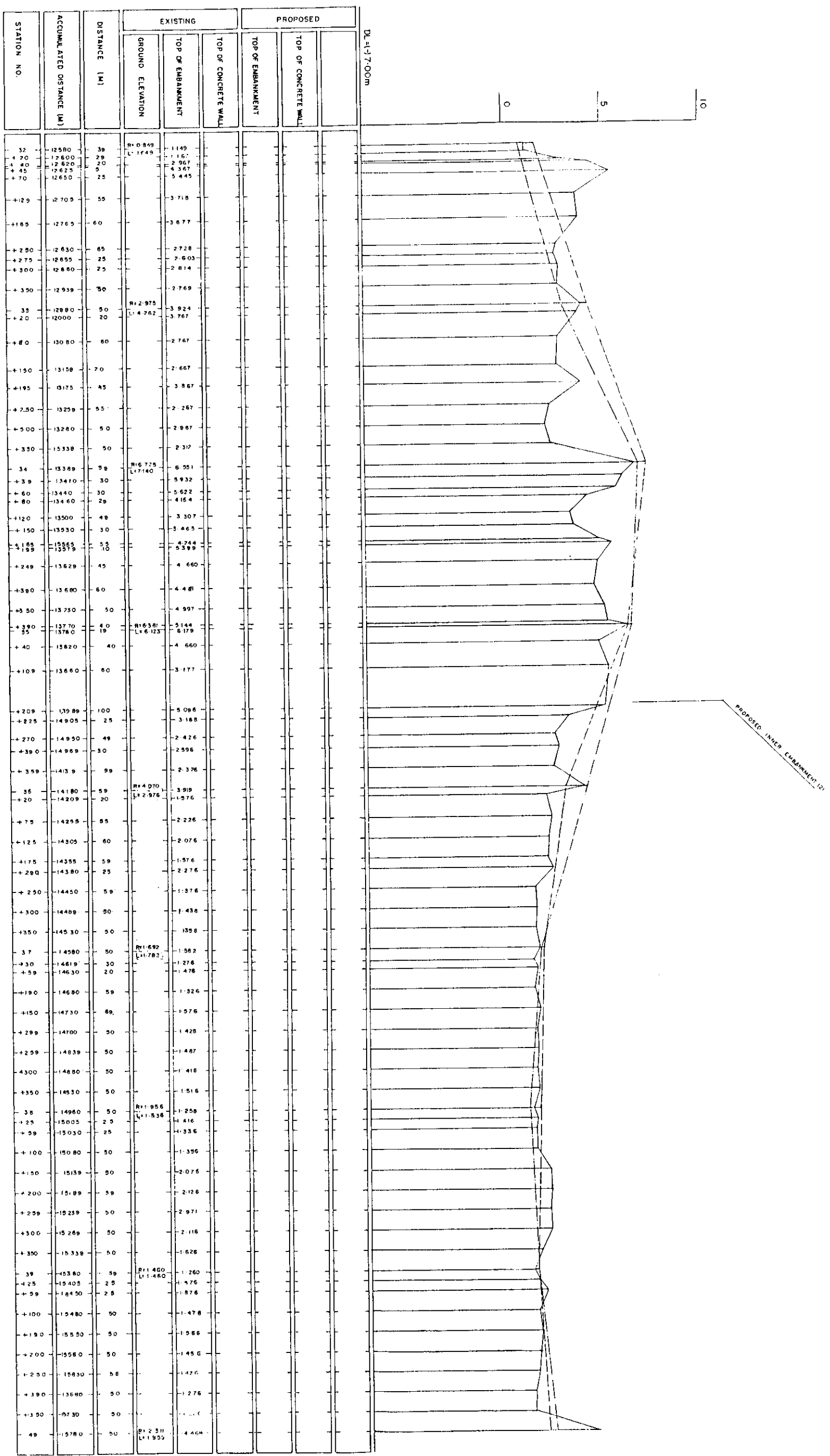
LEGEND
TOP OF EMBANKMENT ———
GROUND ELEVATION - - - - -
RIGHT
LEFT - . - . -

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

PROPOSED EAST EMBANKMENT
LONG SECTION

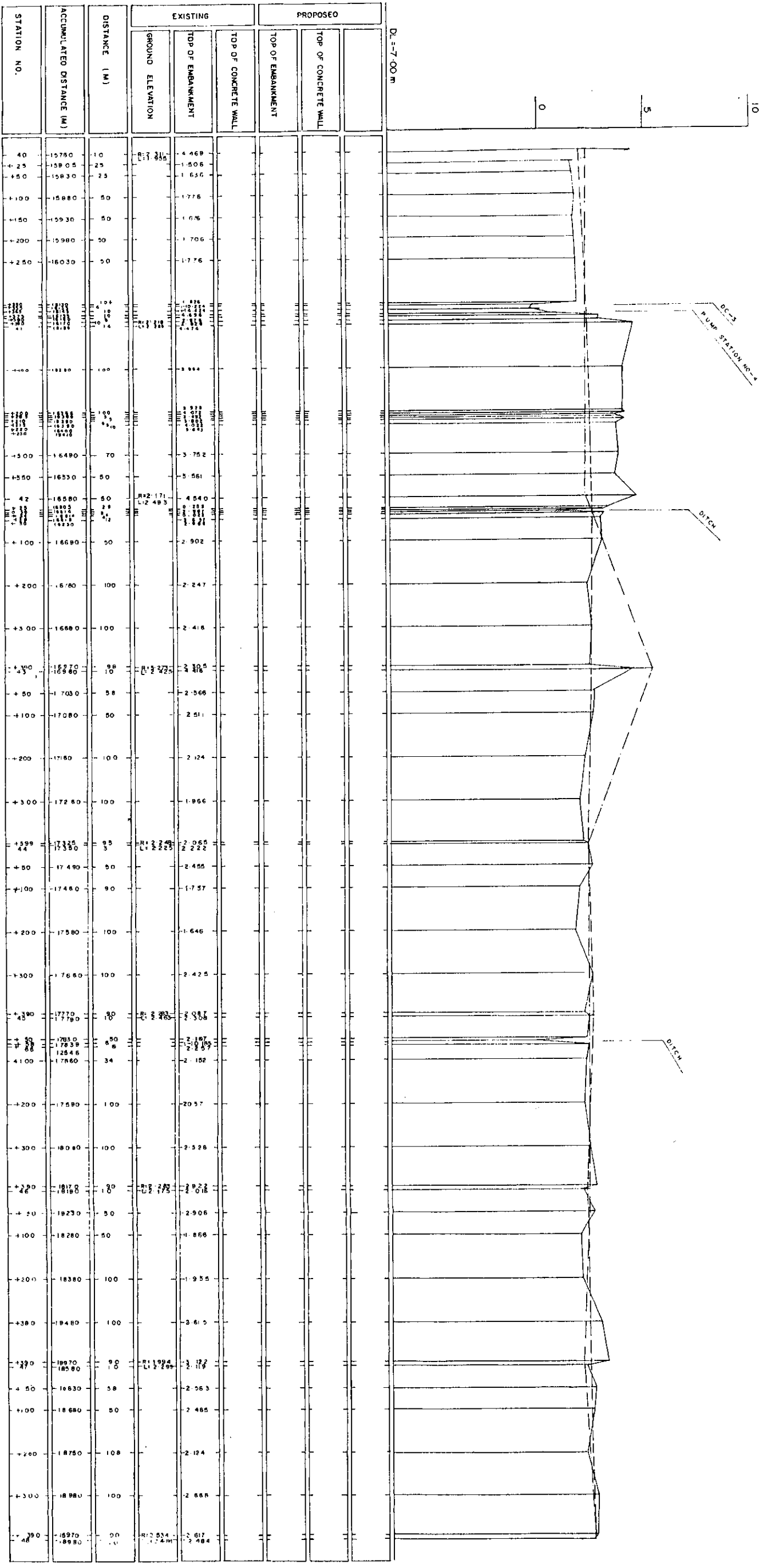
TONGI-DEMRA
SCALE: H=1:5000
V=1:100
DWG. NO. PEE/L-3
DATE: JUNE, 1991

JAPAN INTERNATIONAL CO. OPERATION AGENCY



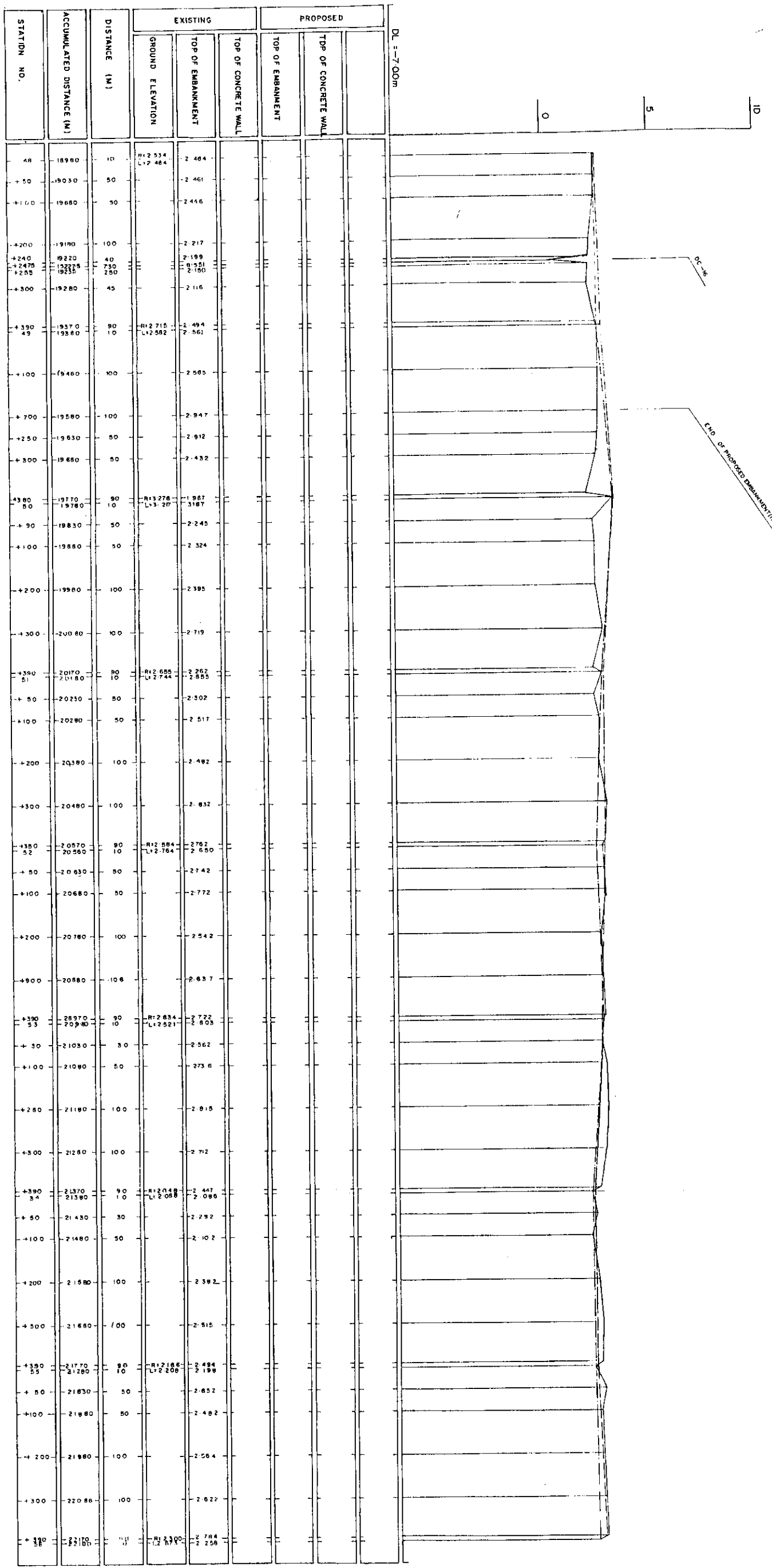
LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 8A
DHAKA METROPOLITAN AREA
PROPOSED EAST EMBANKMENT
LONG SECTION
TONGI-DEMRA
SCALE
DATE
JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY



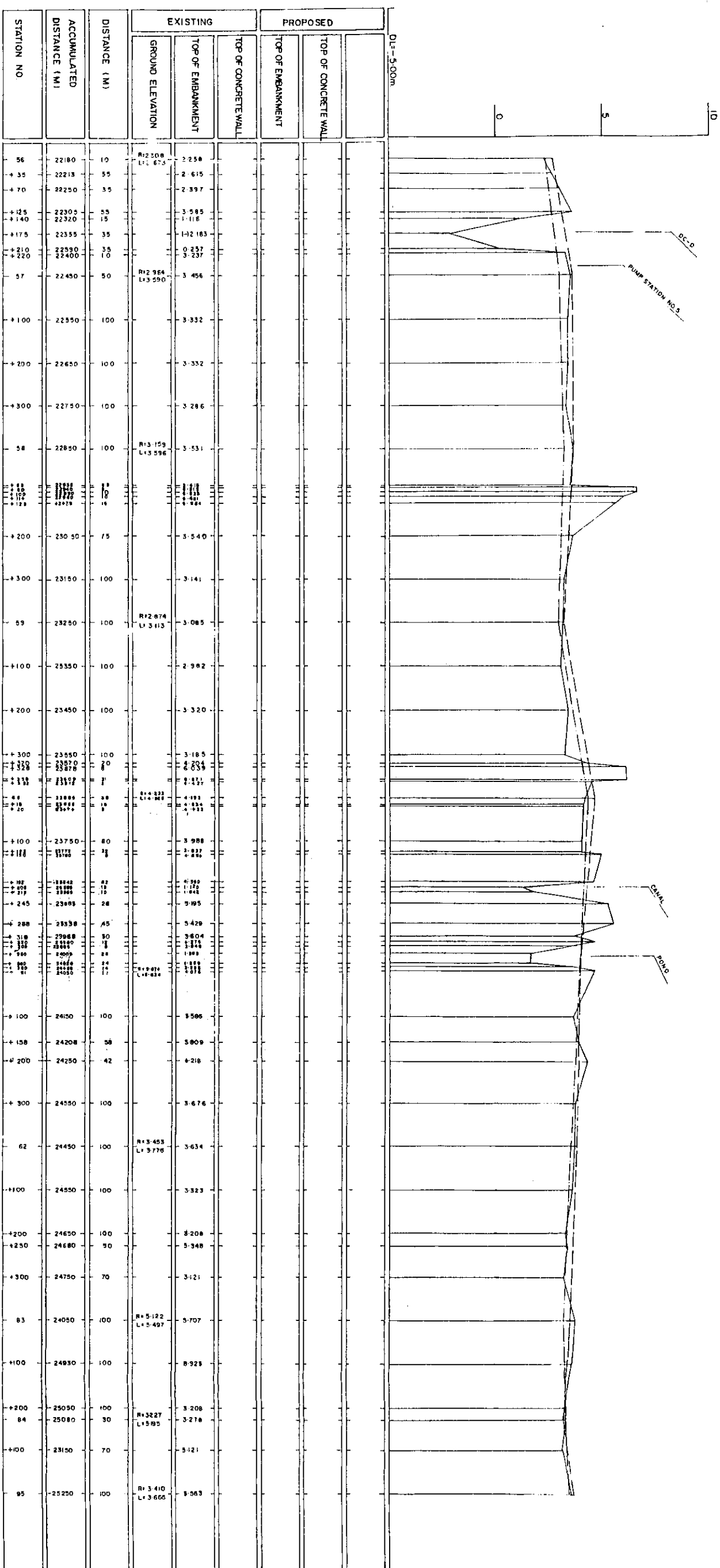
LEGEND

TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT



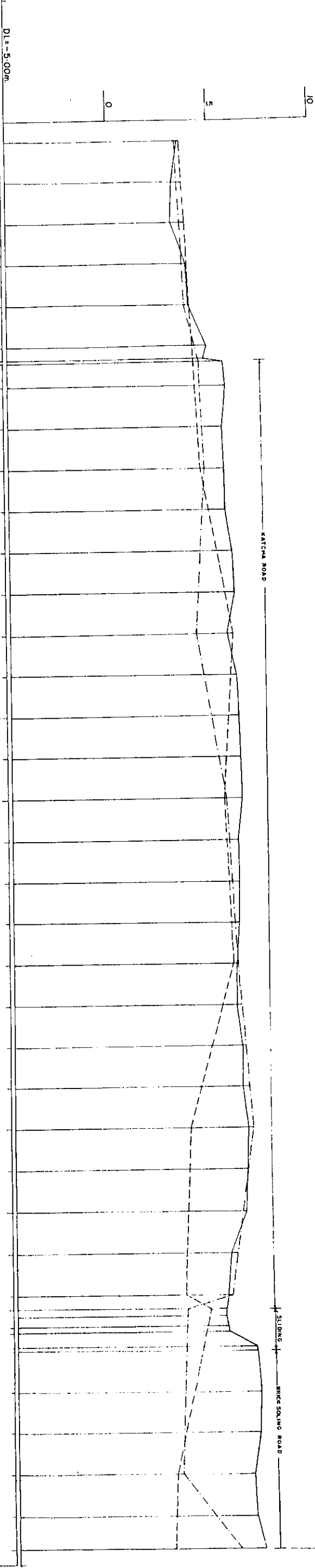
LEGEND

TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT



LEGEND
 TOP OF EMBANKMENT
 GROUND ELEVATION
 RIGHT
 LEFT

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
LONG SECTION			
TONGI-DEMRA	SCALE	M=1:3000	
DWG NO.	PEEL 8	DATE	JUNE 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

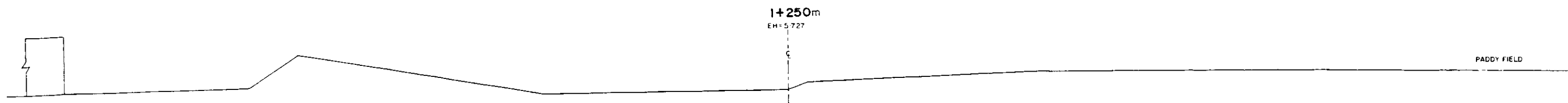


STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	
65	25250	100	R+3 410 L+3 666	3.563				
+100	25350	100		3.246				
+200	25450	100		3.162				
+300	25550	100		3.964				
66	25630	100	R+3 783 L+4 007	3.966				
+100	25750	100		4.856				
+134 67	25784 25790	34 6	R+4 423 L+4 484	4.663 5.661				
+60	25890	60		5.759				
+160	25950	100		5.569				
68	26030	100	R+6 646 L+4 489	5.657				
+100	26150	100		5.659				
+280	26250	100		5.974				
300	26350	100		6.062				
69	26430	100	R+4 172 L+5 561	5.876				
+100	26550	100		6.150				
+200	26680	100		6.212				
+300	26750	100		6.291				
70	26850	100	R+5 963 L+6 489	6.324				
+100	26950	100		6.108				
+200	27050	100		6.135				
+300	27130	100		6.126				
71	27250	100	R+6 067 L+5 620	5.975				
+100	27350	100		5.950				
+200	27450	100		6.261				
+300	27550	100		6.270				
72	27650	100	R+6 721 L+3 649	6.504				
+100	27750	100		6.472				
+200	27850	100		6.369				
+300	27950	100		6.612				
73	28080	100	R+5 664 L+3 350	5.486				
+35	28085	5	R+3 410 L+4 007	5.330				
+50	28100	15		5.351				
+75	28125	25		5.440				
+100	28150	25		5.591				
+125	28175	25		6.872				
+150	28200	25		6.698				
+255	28265	100		7.076				
+333	28363	100		7.080				
74	28463	160	R+3 130 L+2 881	6.693				
+100	28563	160		6.295				
74+101	28664	81	R+10 06 L+2 759	7.216				

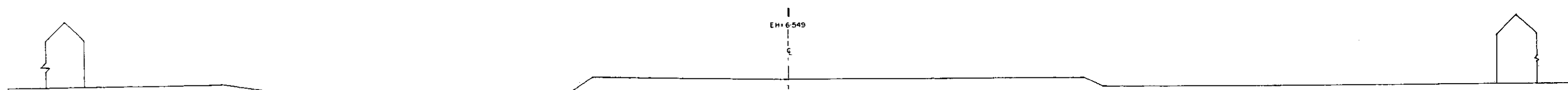
LEGEND
 TOP OF EMBANKMENT
 GROUND ELEVATION
 RIGHT
 LEFT

GREATER DHAKA PROTECTION PROJECT
 (STUDY IN DHAKA METROPOLITAN AREA)
 BANGLADESH FLOOD ACTION PLAN NO. 8A
 DHAKA METROPOLITAN AREA
 PROPOSED EAST EMBANKMENT
 LONG SECTION
 TONGI-DEMRA
 SCALE
 DATE
 JUNE 1991
 JAPAN INTERNATIONAL COOPERATION AGENCY

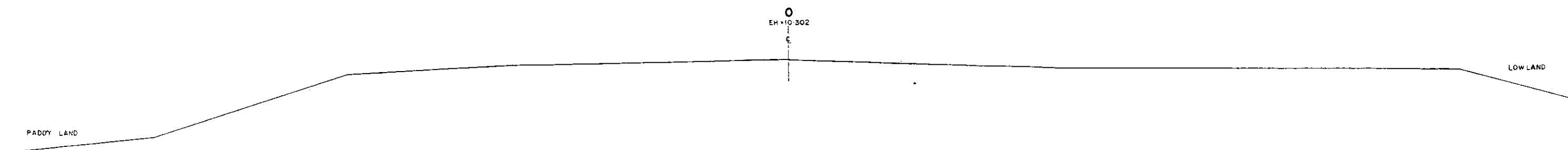
60



D.L.=0.00m



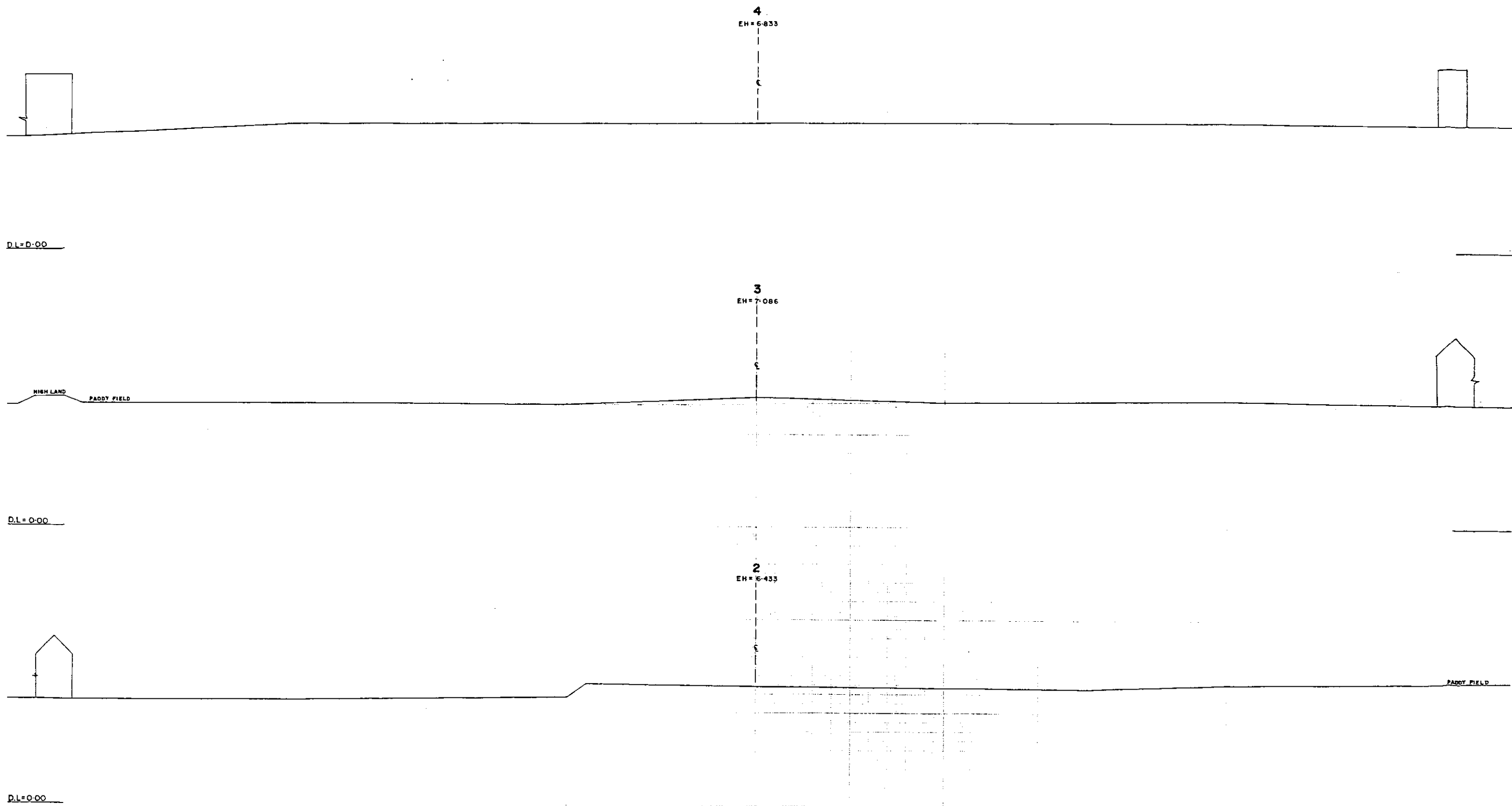
D.L.=0.00m



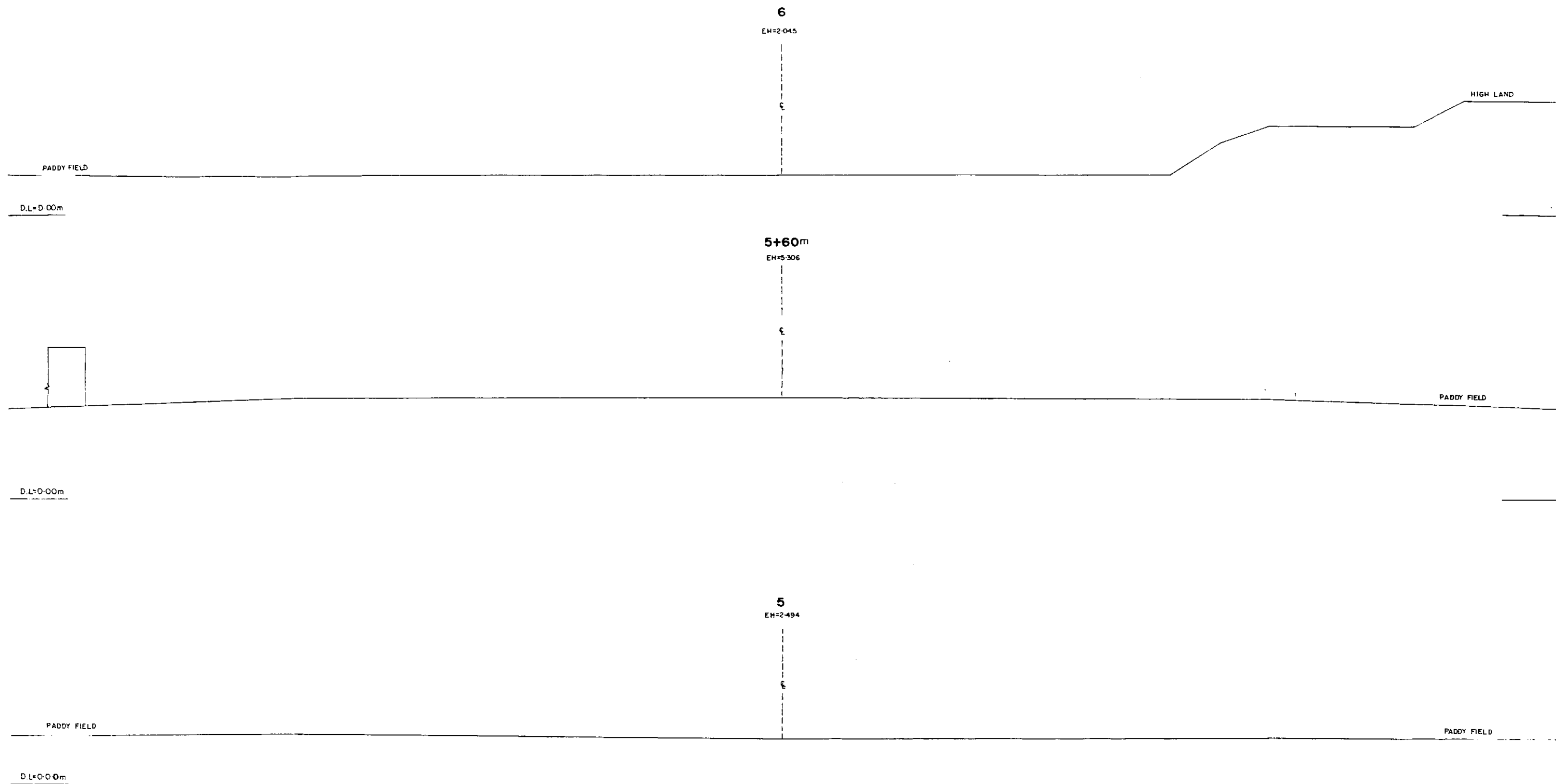
D.L.=0.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H=1:200 V=1:100
DWG NO.	PEE/C-1	DATE	JUNE, 1998
JAPAN INTERNATIONAL COOPERATION AGENCY			

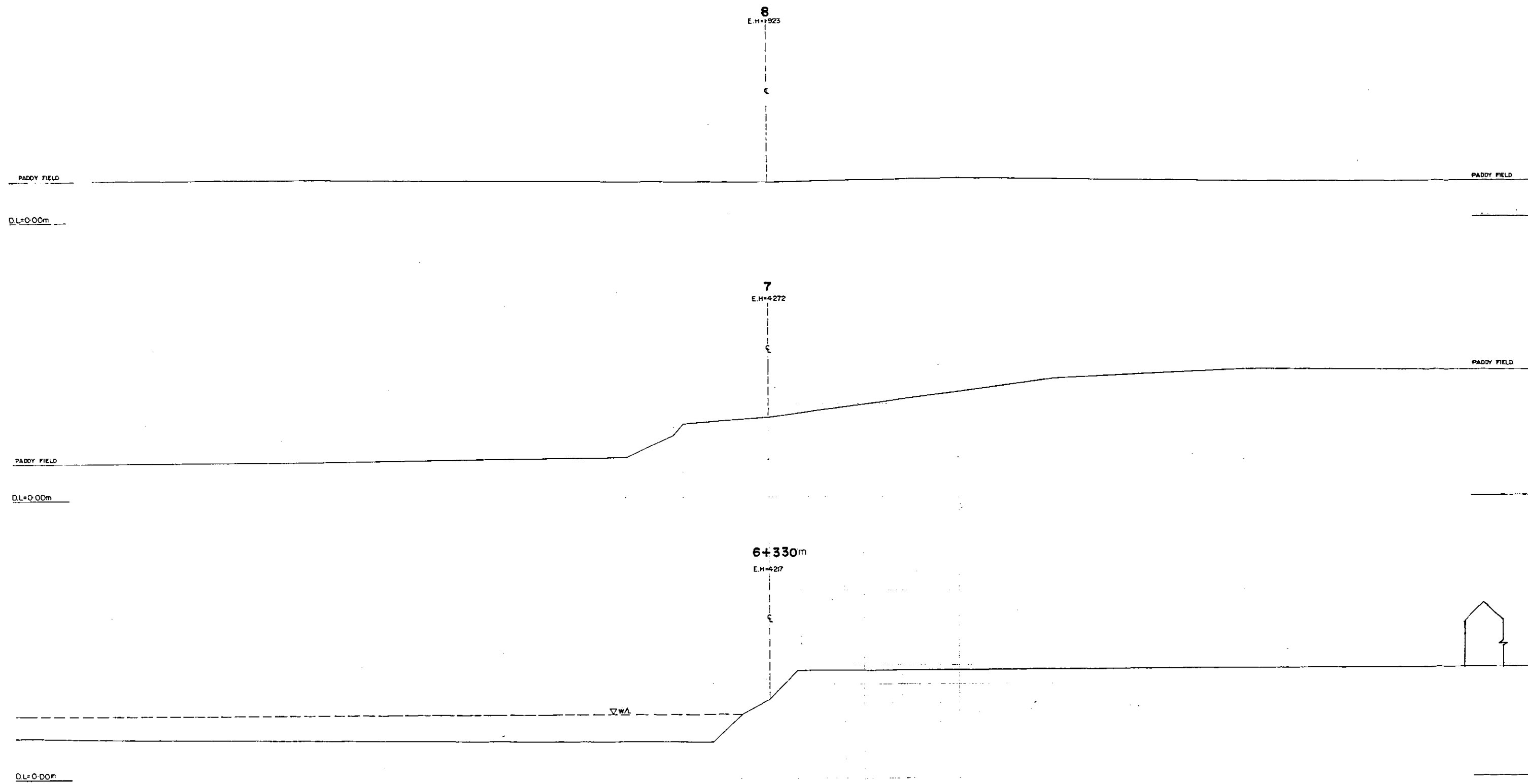
82



GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
PROPOSED EAST EMBANKMENT		
CROSS SECTION		
TONGI-DEMRA	SCALE	H=1:200 V=1:100
DWG NO.	PEE/C-2	DATE
		JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

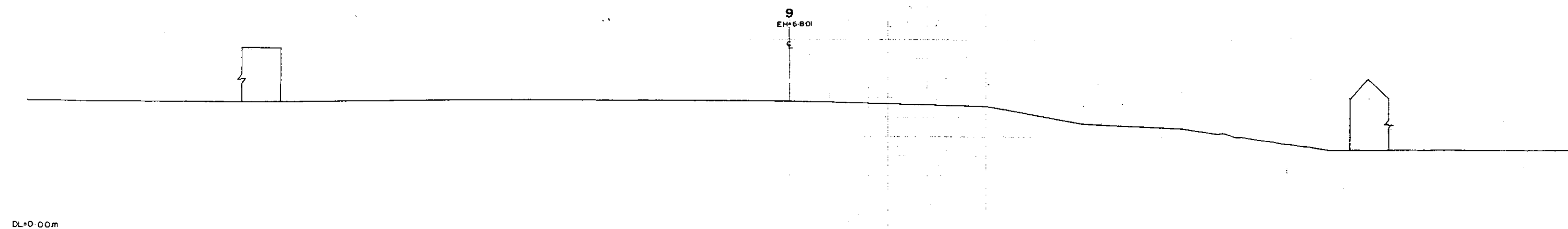
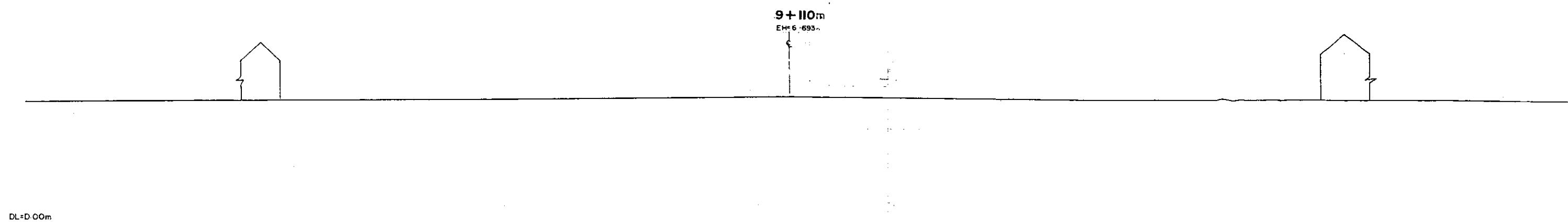
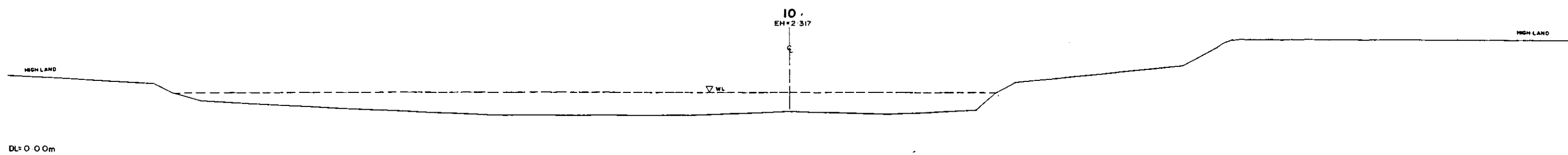


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H=1:200 V=1:100
DWG NO	PEE/C-3	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



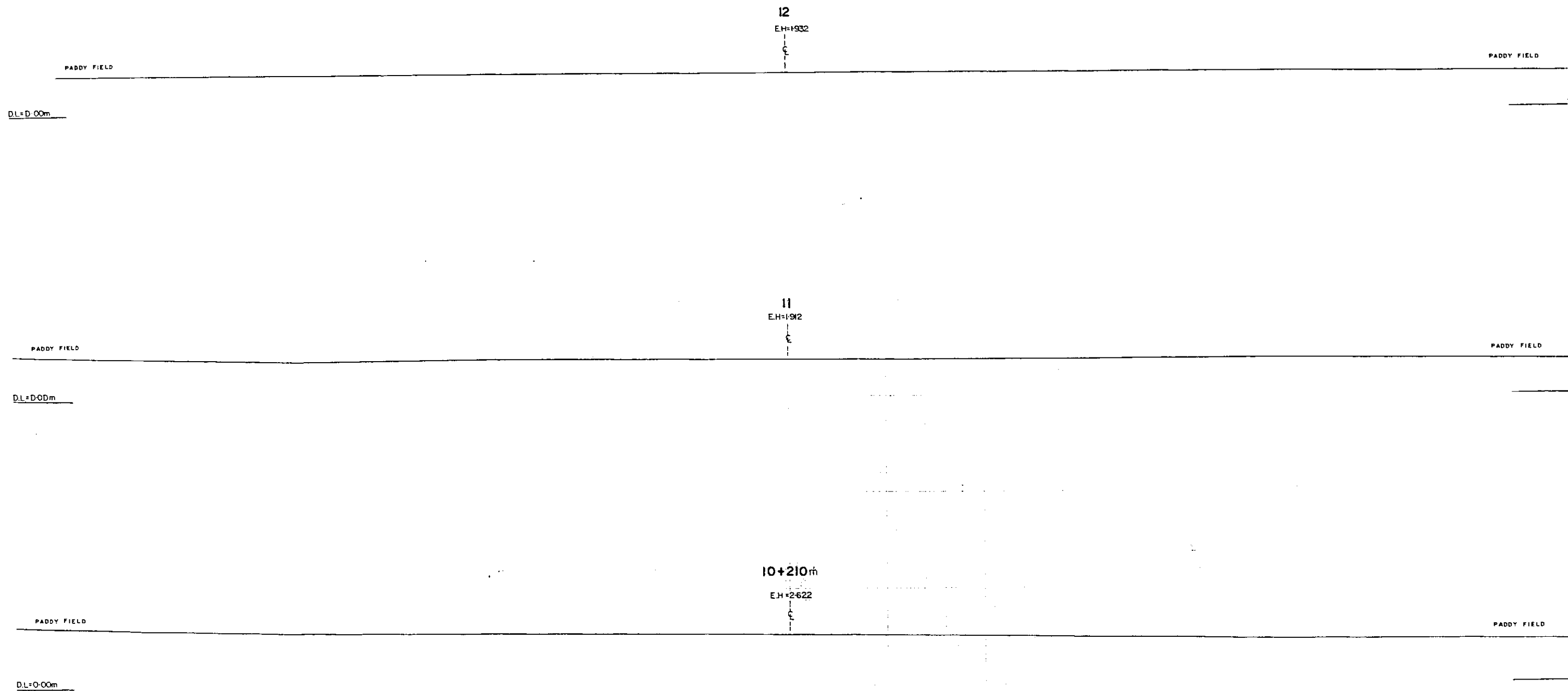
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA	SCALE	H= 1:200 V= 1:100	
DWG NO.	PEE/C-4	DATE	JUNE,1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

69



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H=1:200 V=1:100
DWG. NO.	PEE/C-5	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

13



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI - DEMRA		SCALE	H = 1:200 V = 1:100
DWG. NO.	PEE/C-6	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

157

PADRY FIELD

DL=D-0.00m

14
E.M.2.067

PADRY FIELD

DL=D-0.00m

13
E.M.1.620

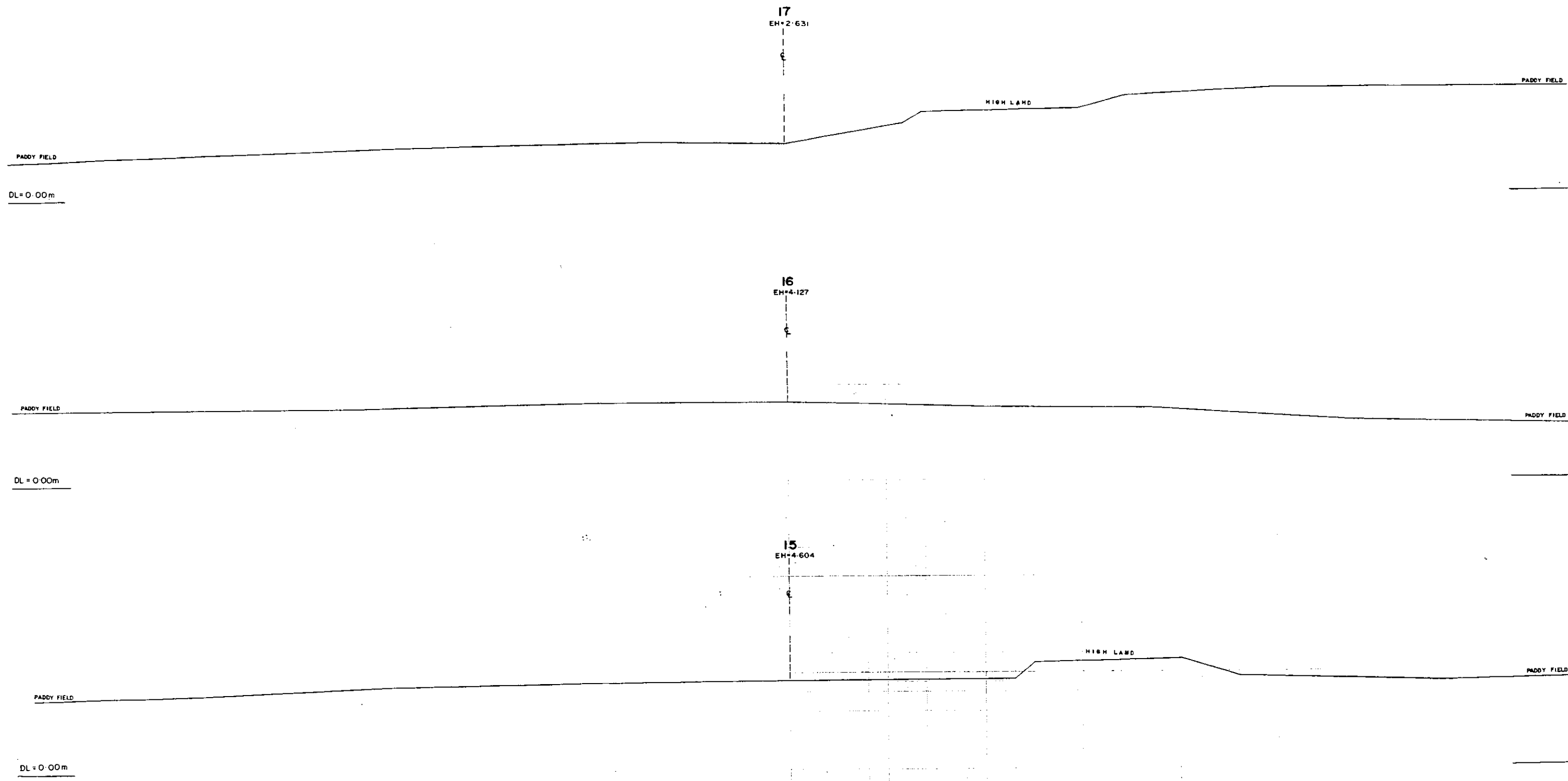
PADRY FIELD

DL=D-0.00m

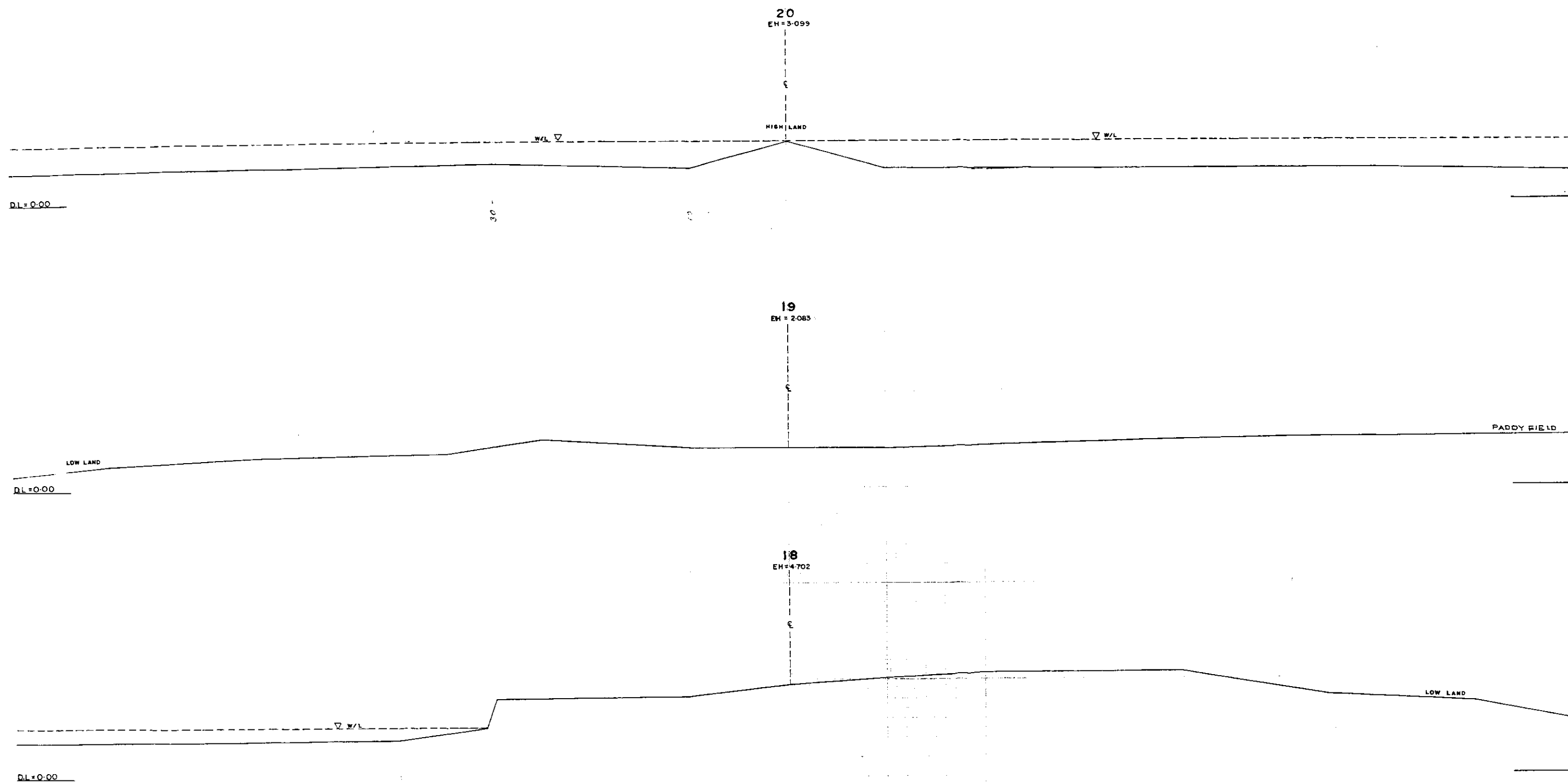
12+260m
E.M.1.982

GREATER DHAKA PROTECTION PROJECT	
(STUDY IN DHAKA METROPOLITAN AREA)	
BANGLADESH FLOOD ACTION PLAN NO.8A	
DHAKA METROPOLITAN AREA	
PROPOSED EAST EMBANKMENT	
CROSS SECTION	
TONGI-DEMRA	SCALE
DWS NO. P.E.E/C-7	DATE
JAPAN INTERNATIONAL COOPERATION AGENCY	

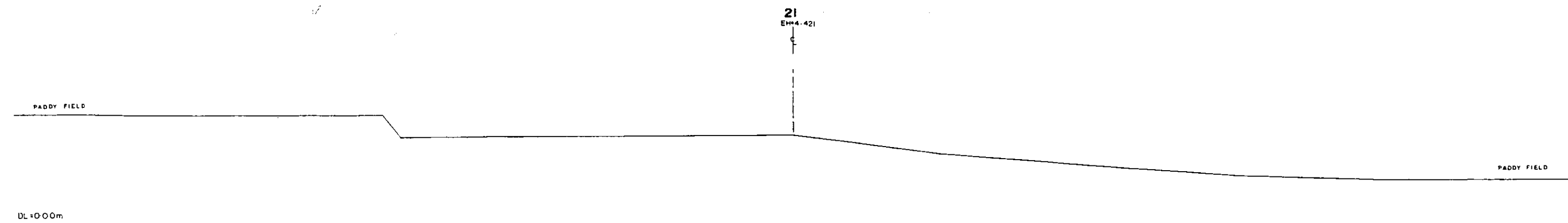
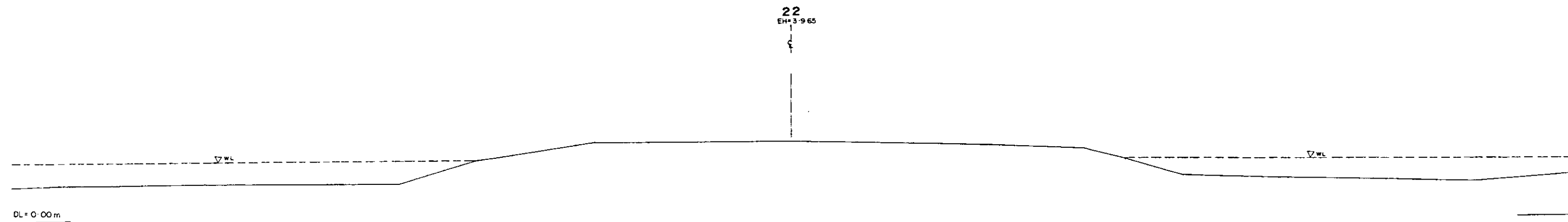
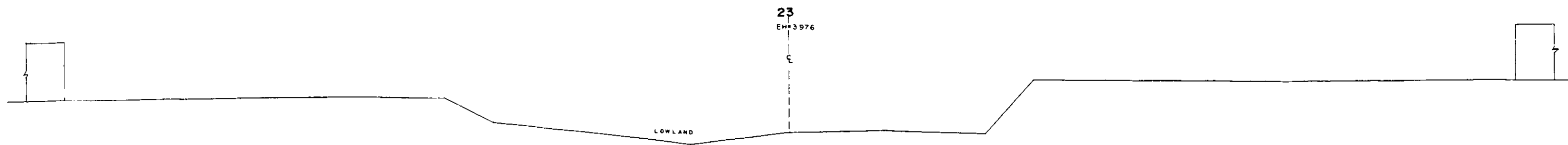
77



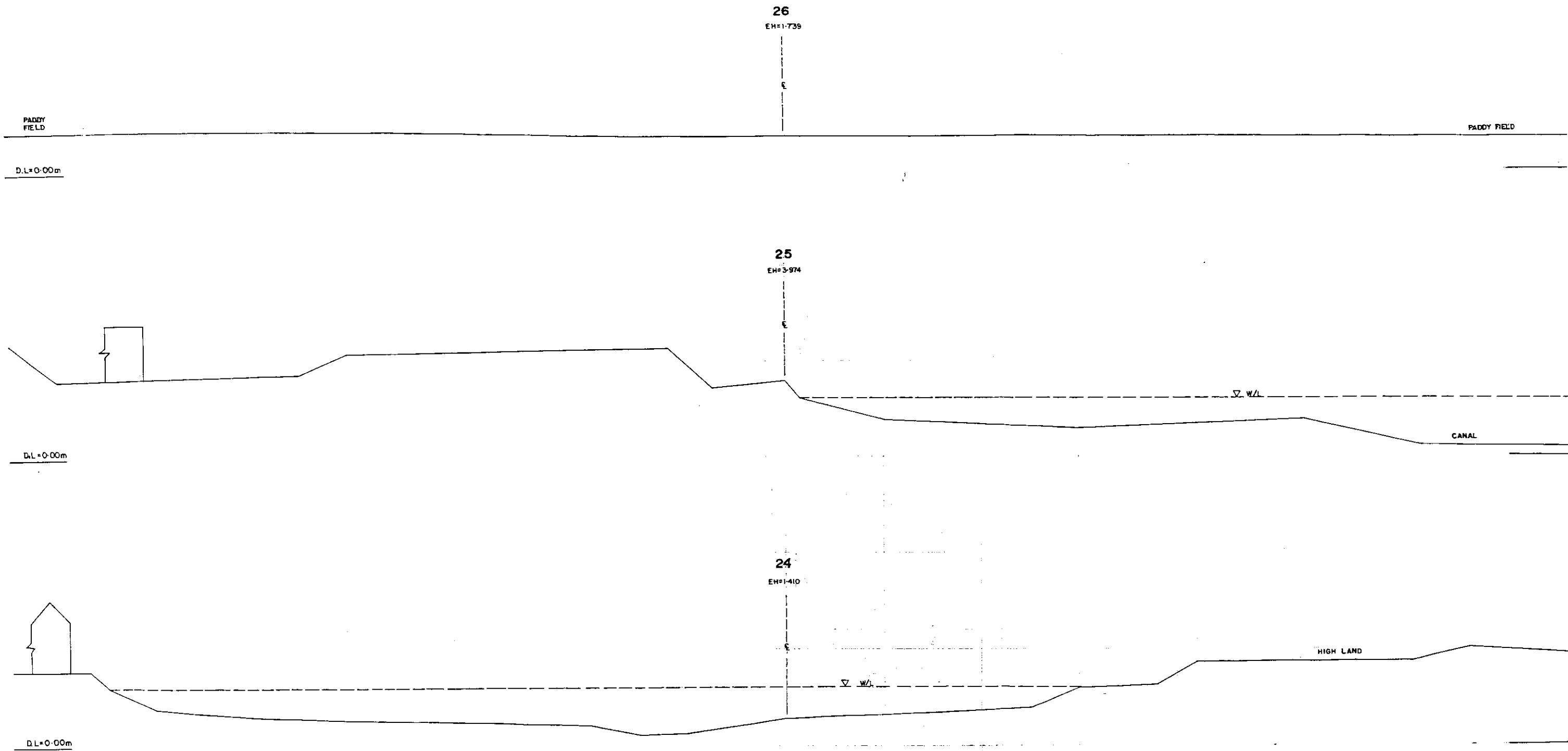
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H = 1:200 V = 1:100
DWG. NO.	PEE/C-8	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H = 1:200 V = 1:100
DWG. NO.	PEE/C-9	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

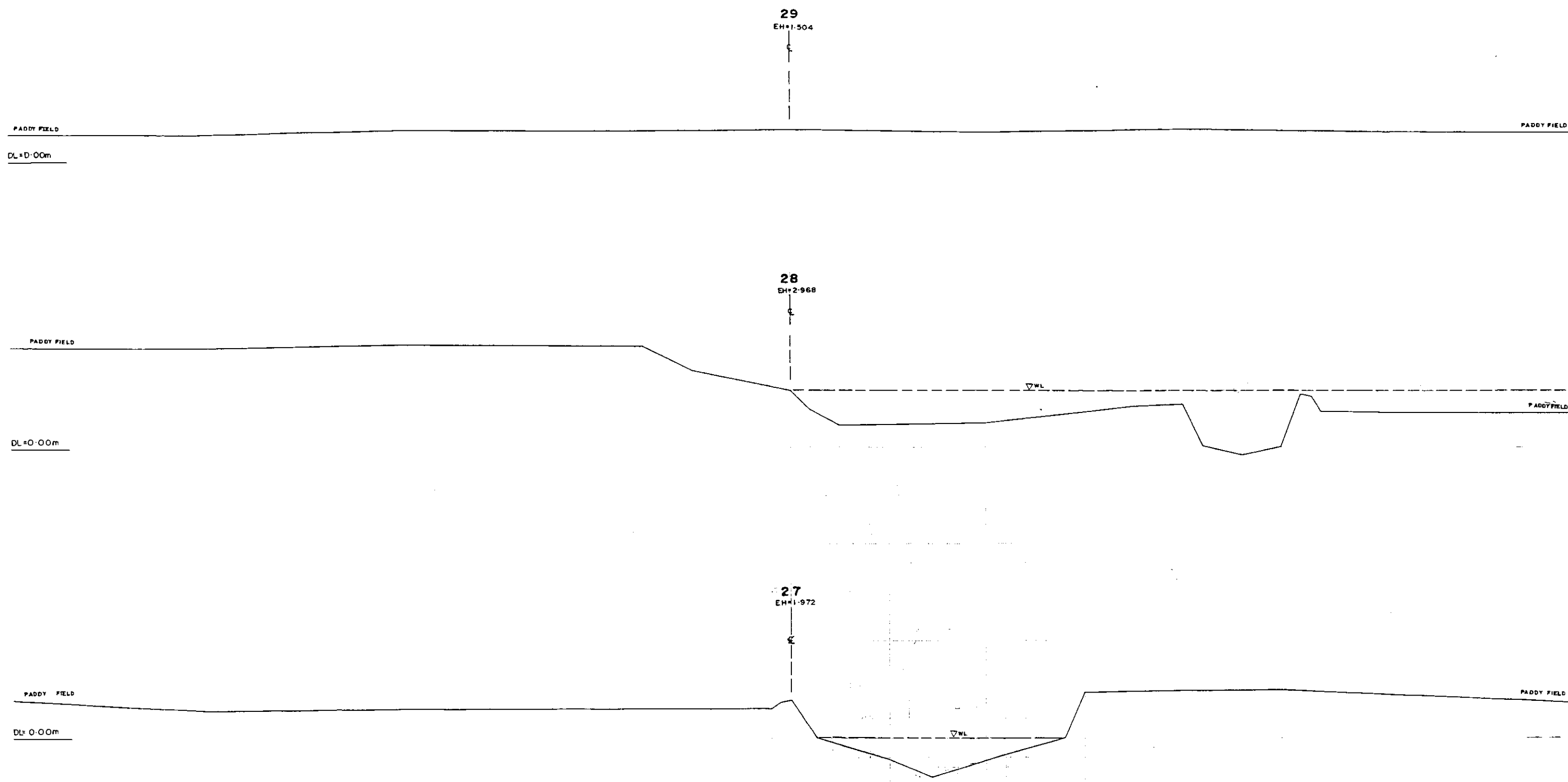


GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT CROSS SECTION			
TONGI-DEMRA		SCALE	N = 1:200 V = 1:100
DWG. NO.	PEE/C-10	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

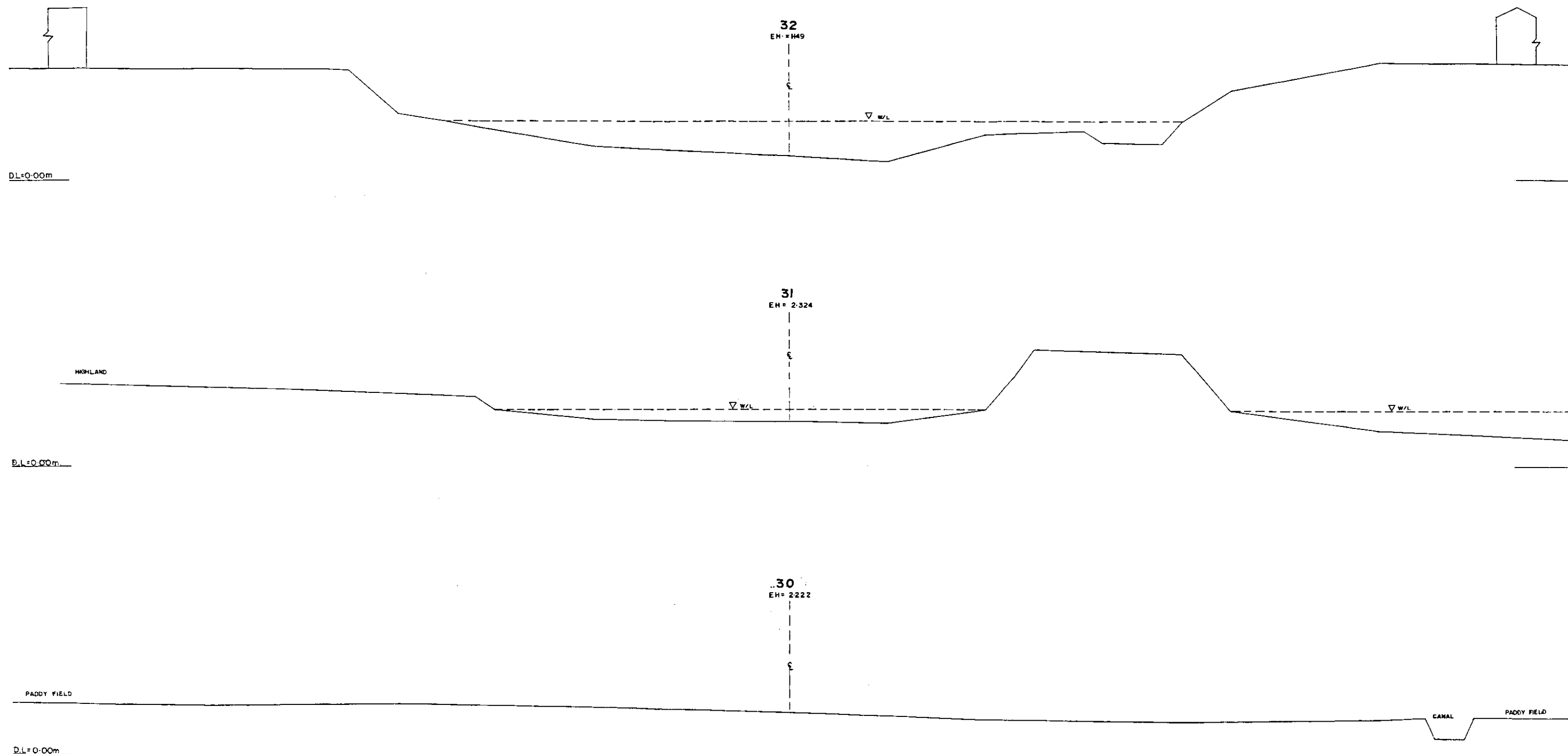


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H = 1:200 V = 1:100
DWG NO.	PEE/C-II	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

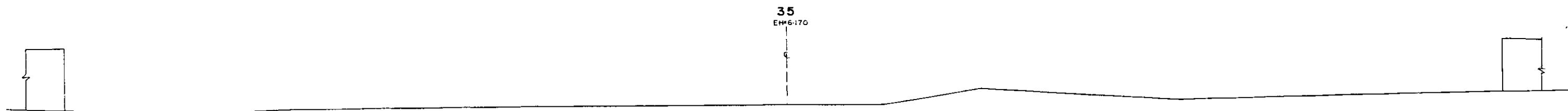
22



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN ND8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA	SCALE	H=1:200	V=1:100
DWG NO. PEE/C-12	DATE	JUNE 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			

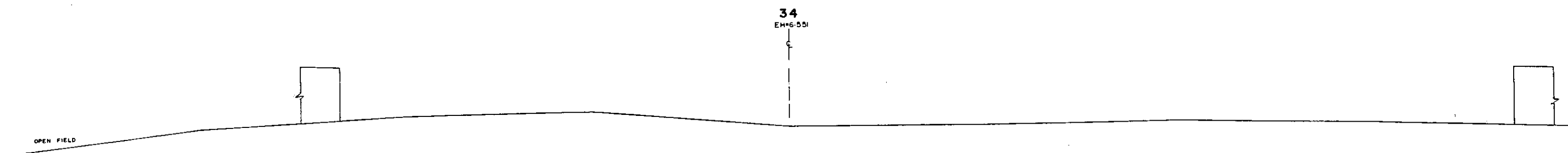


GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA PROPOSED EAST EMBANKMENT CRDSS SECTION			
TONGI-DEMRA		SCALE	H = 1:200 V = 1:100
DWG. NO.	PEE/C-13	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



35
EH*6-170

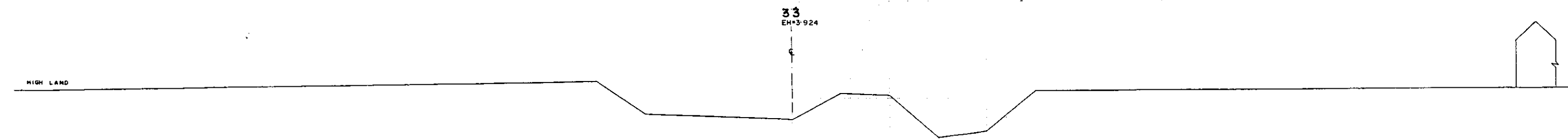
DL=0.00m



34
EH*6-551

OPEN FIELD

DL=0.00m

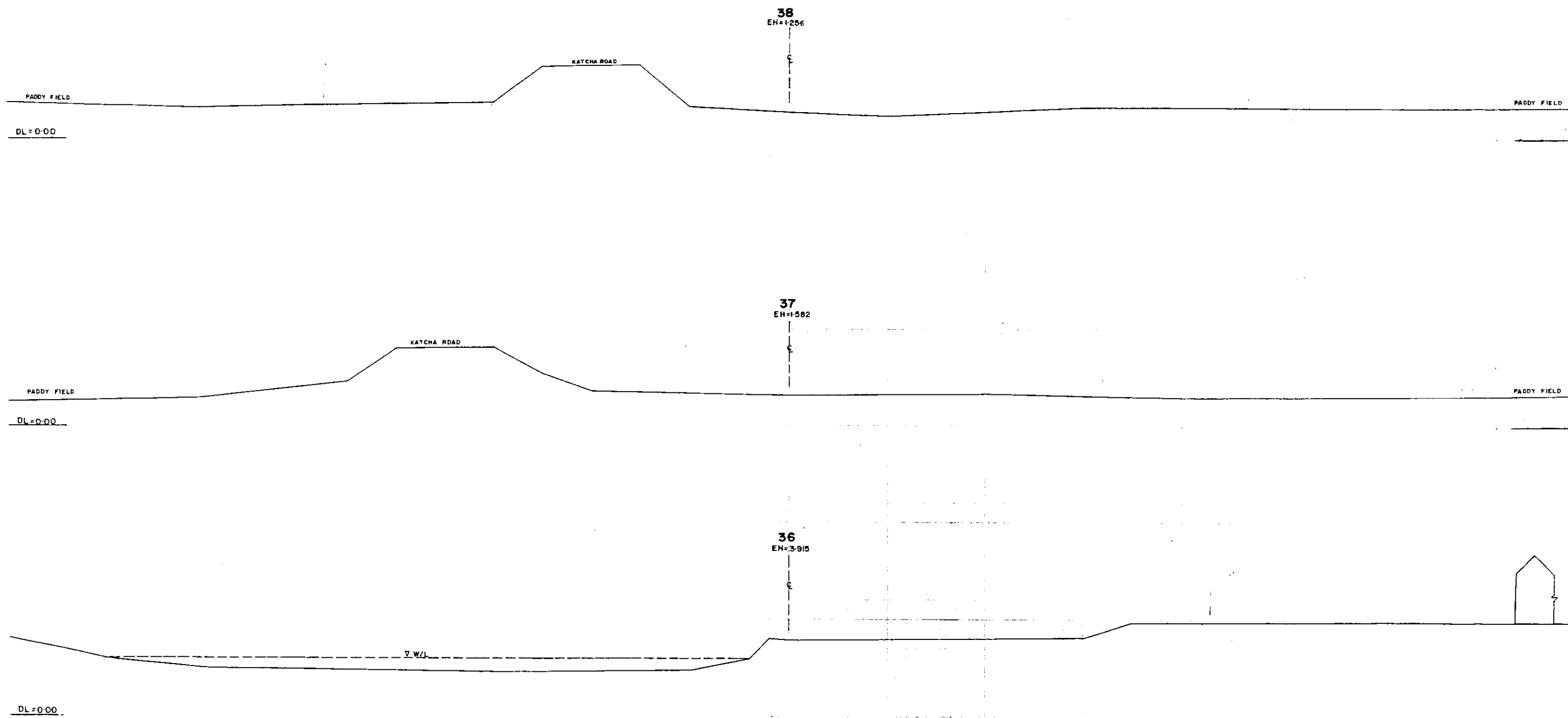


33
EH*3-924

HIGH LAND

DL=0.00m

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
PROPOSED EAST EMBANKMENT CROSS SECTION			
TONGI-DEMRA		SCALE	H=1:200 V=1:100
DWG NO.	PEE/C-14	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H=1:200 V=1:50.0
DWG. NO.	PEE/C-15	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

PADDY FIELD

KATCHA ROAD

ROAD

PADDY FIELD

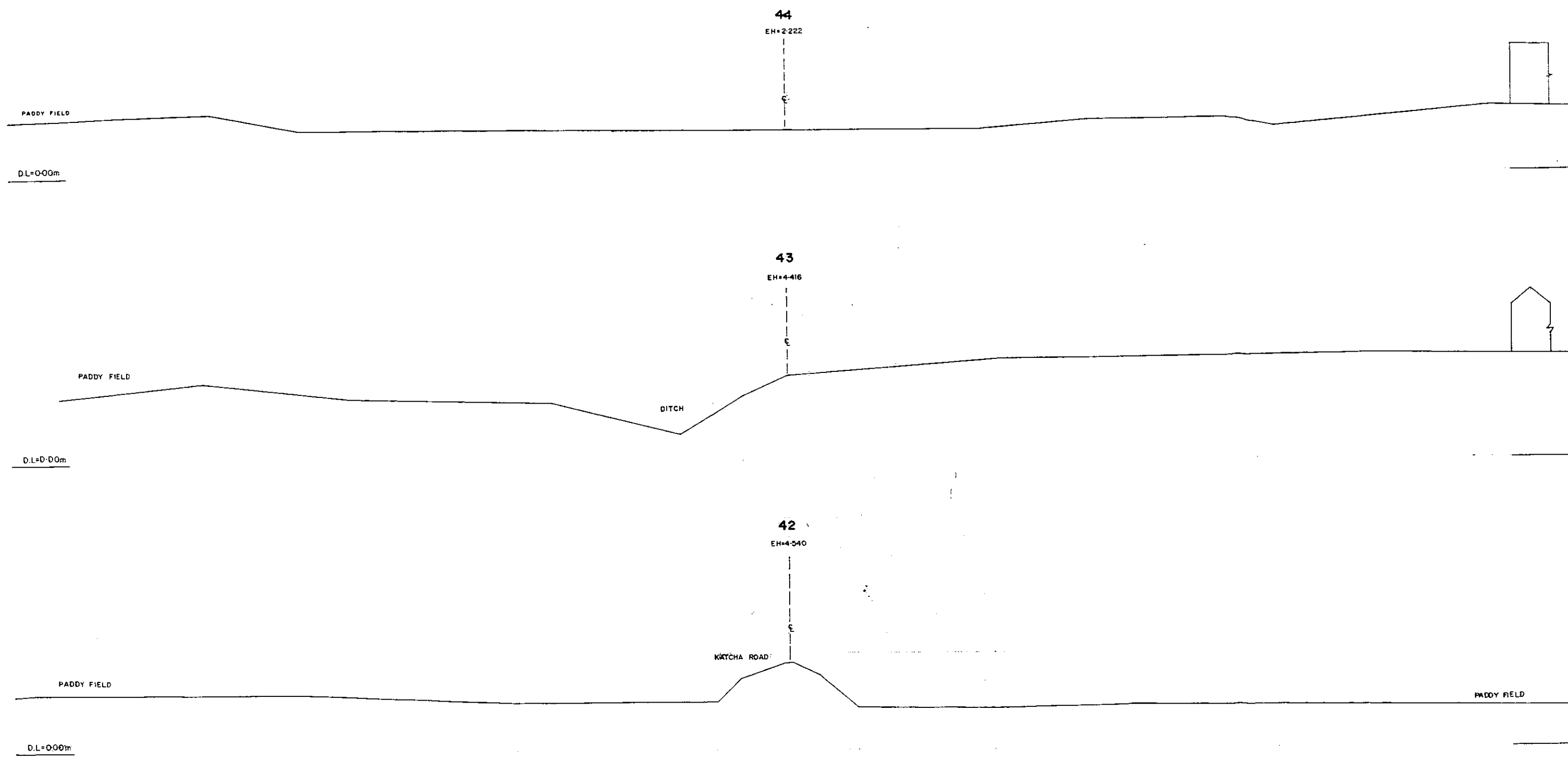
100

PADDT FIELD

—

<p align="center">GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NOBA</p>			
<p align="center">DHAKA METROPOLITAN AREA PROPOSED EAST EMBAKMENT CROSS SECTION</p>			
TONGI-DEMRA	SCALE	N = 1:200 H = 1:100	
DWG. NO.	P/E/E-C-16	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

27



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA	SCALE	H=1:200	V=1:100
DWG. NO.	PEE/C-17	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

26

PADDY FIELD

DL=0.00m

47
EH+2.119

PADDY FIELD

PADDY FIELD

DL=0.00m

46
EH+2.016

PADDY FIELD

PADDY FIELD

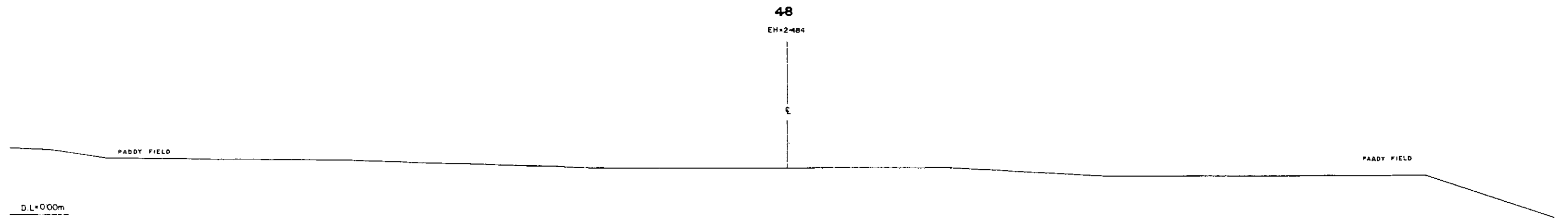
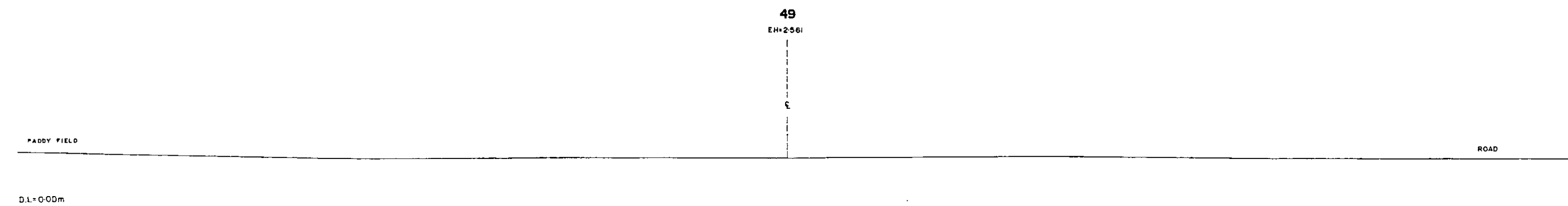
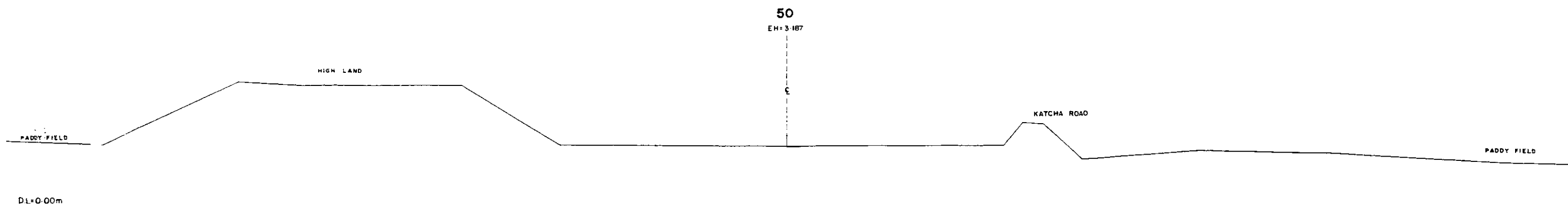
DL=0.00m

45
EH+2.308

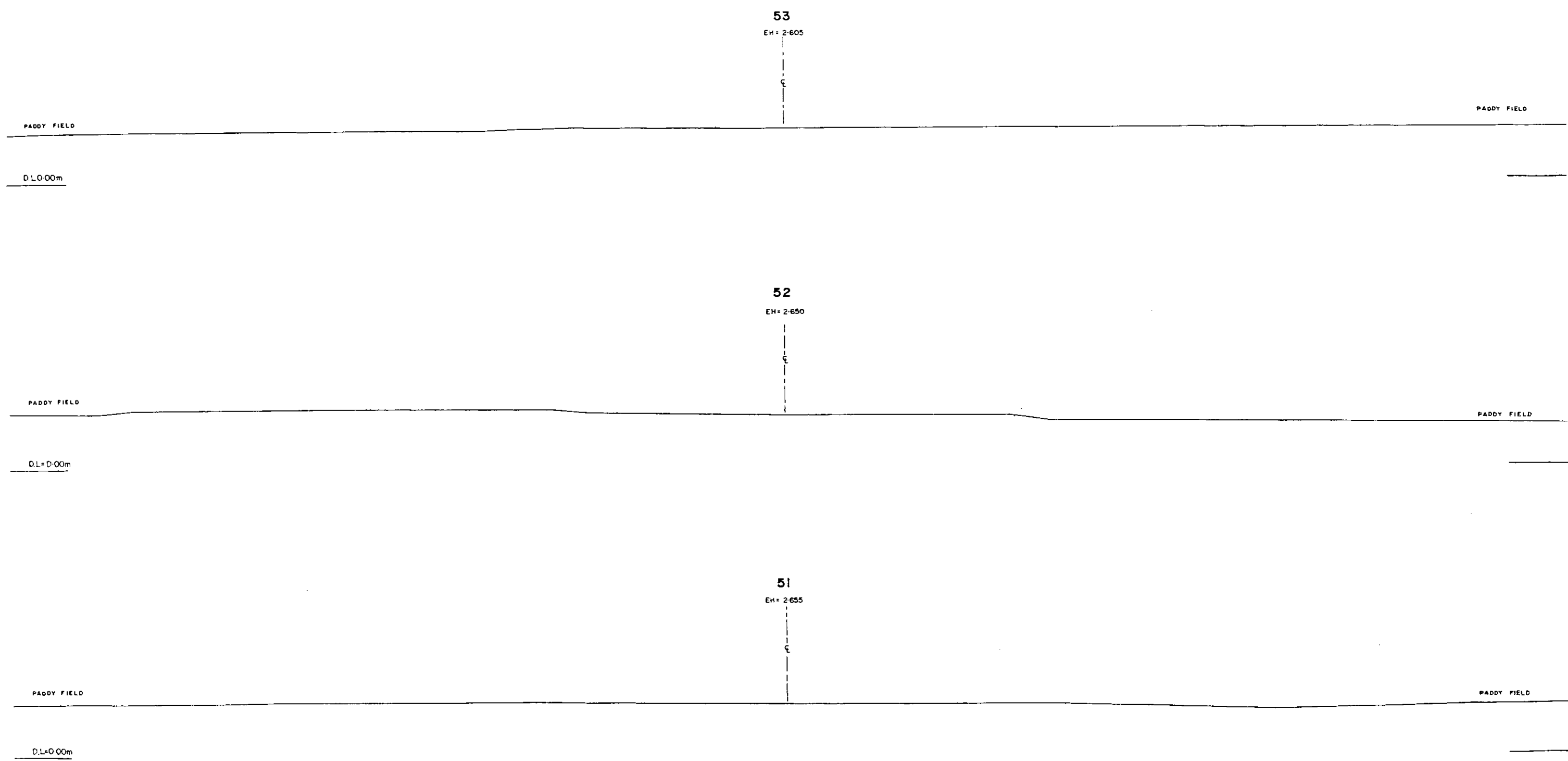
PADDY FIELD

GREATER DHAKA PROTECTION PROJECT			
I STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMIRA	SCALE	1:200	
DWG NO	PEE/C-1B	DATE	JUNE 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

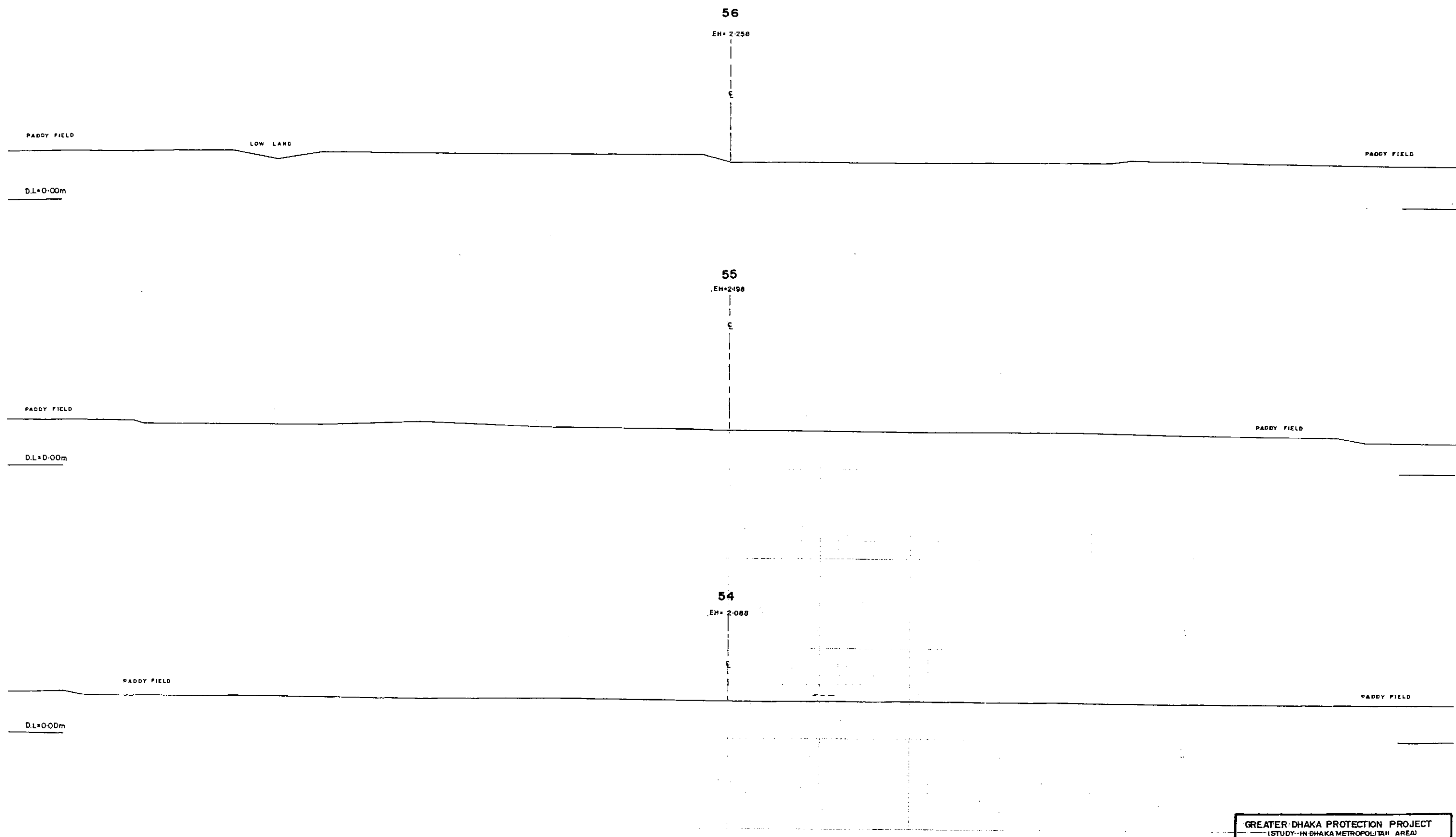
৯৯



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA PROPOSED EAST EMBANKMENT CROSS SECTION			
TONGI-DEMRA		SCALE	H = 1:200 V.B. 1:100
DWG. NO.	PEE/C-19	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA PROPOSED EAST EMBANKMENT CROSS SECTION			
TONGI-DEMRA		SCALE	H = 1:200 V = 1:100
DWG. NO.	PEE/C - 20	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TRONGI-DEMRA	SCALE	H=1:250 V=1:100	
DWG. NO.	PEE/C-21	DATE	JUNE 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

PADDY FIELD

59
EH-3085

DL=0.00m

PADDY FIELD

58
EH-3531

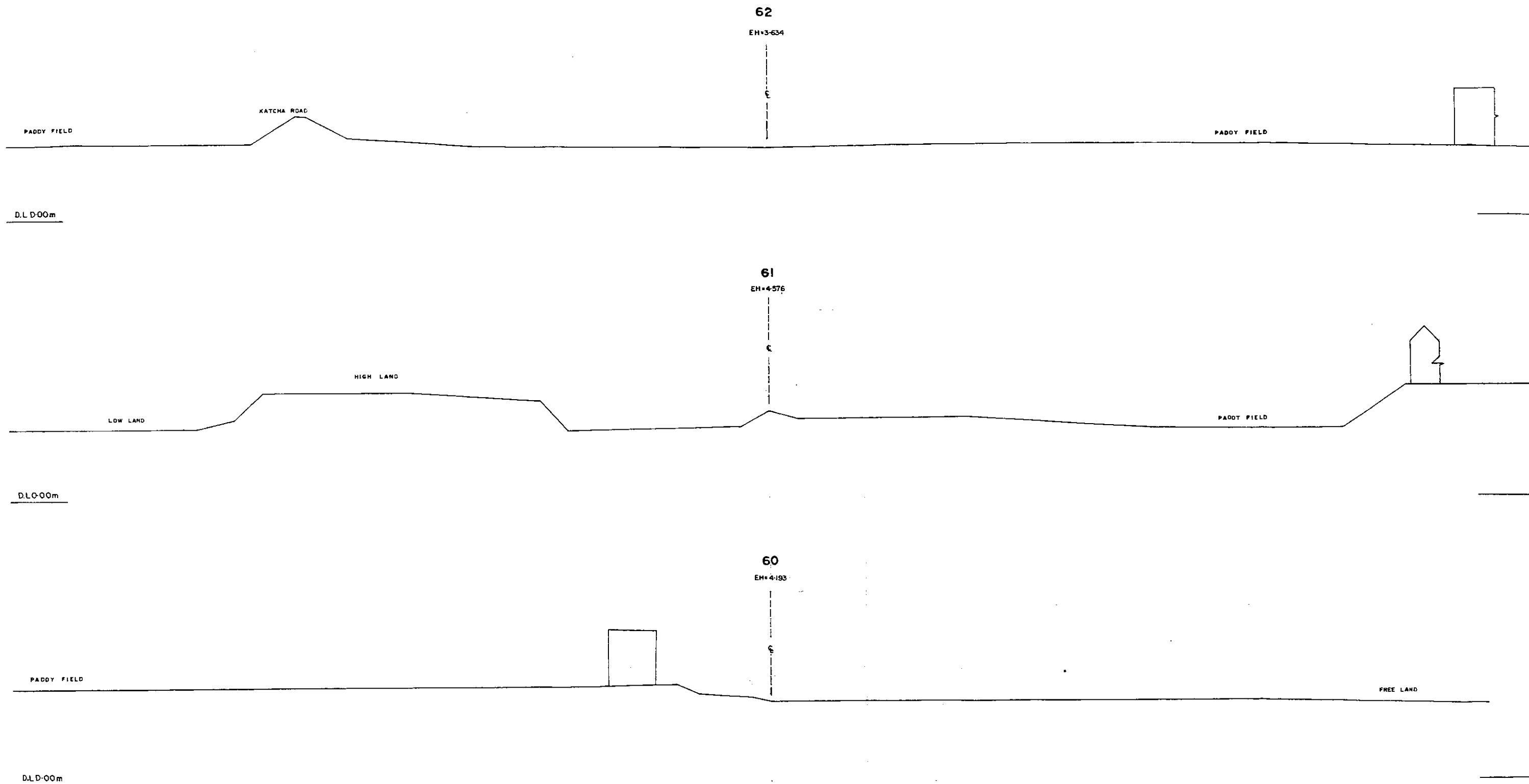
DL=0.00m

PADDY FIELD

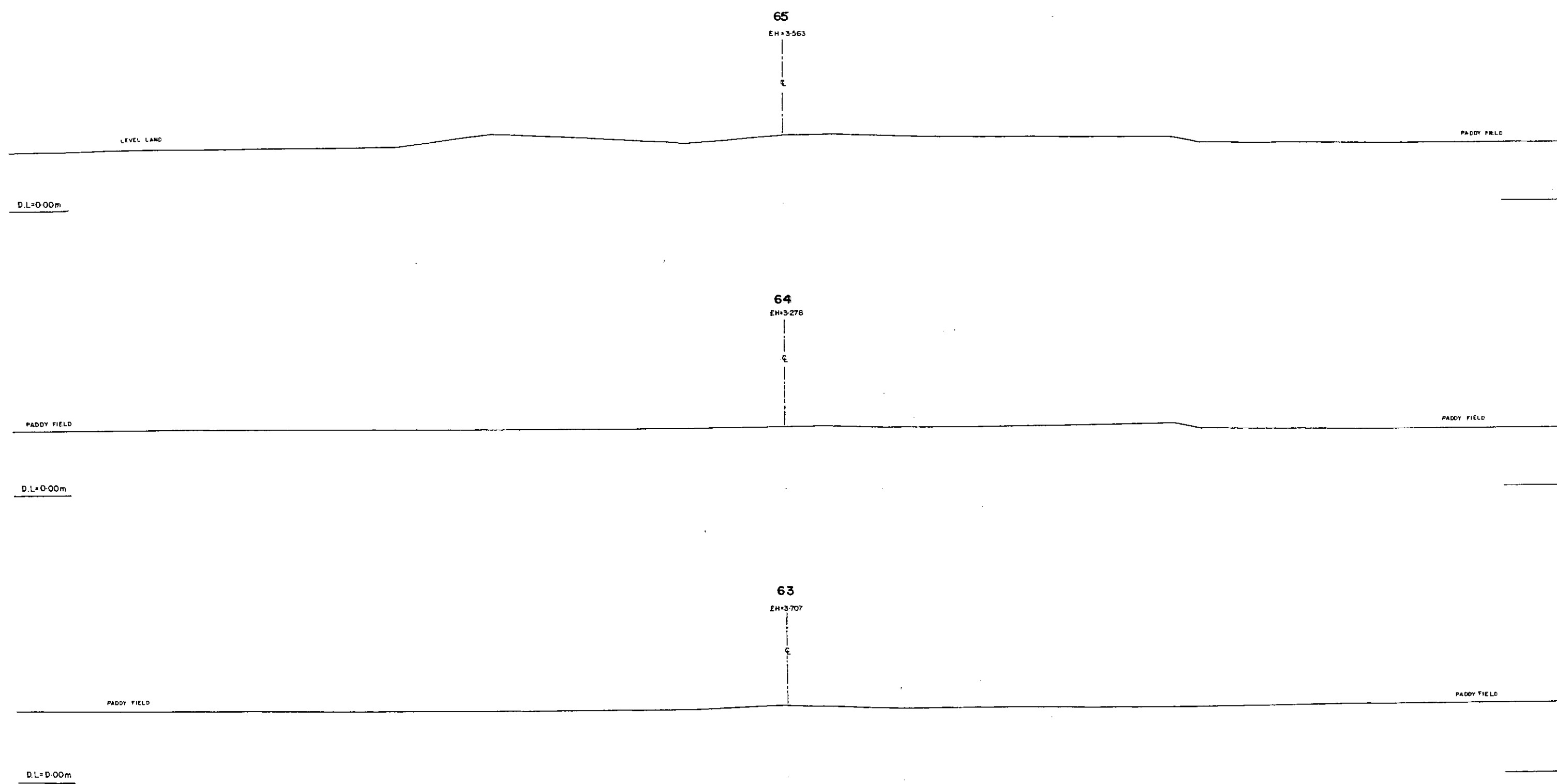
57
EH-3456

DL=0.00m

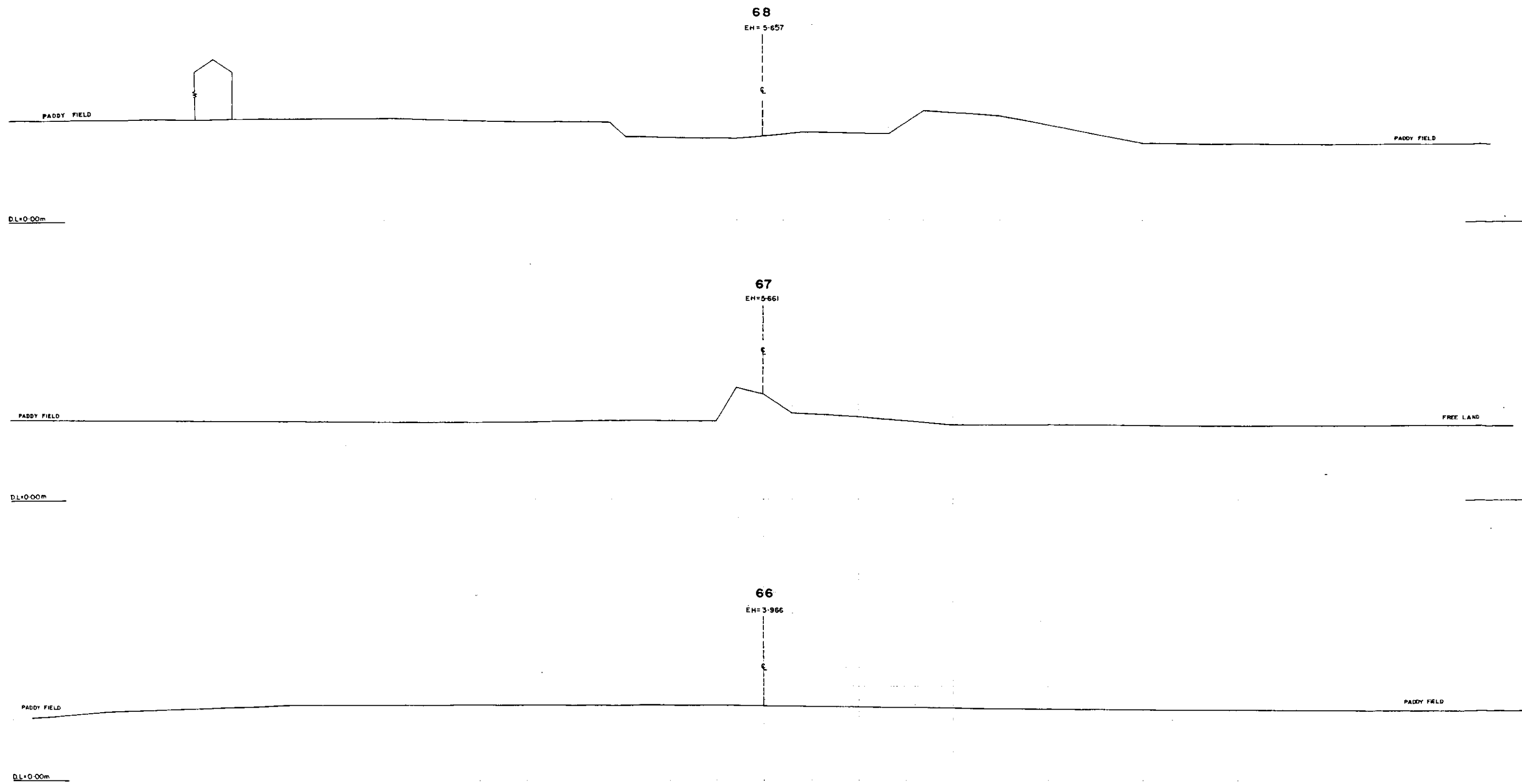
GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI - DEMRA	SCALE	N : 1:100	
DWG. NO.	PEE/C-22	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H: 1:200 V: 1:100
DWG. NO.	PEE/C-23	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

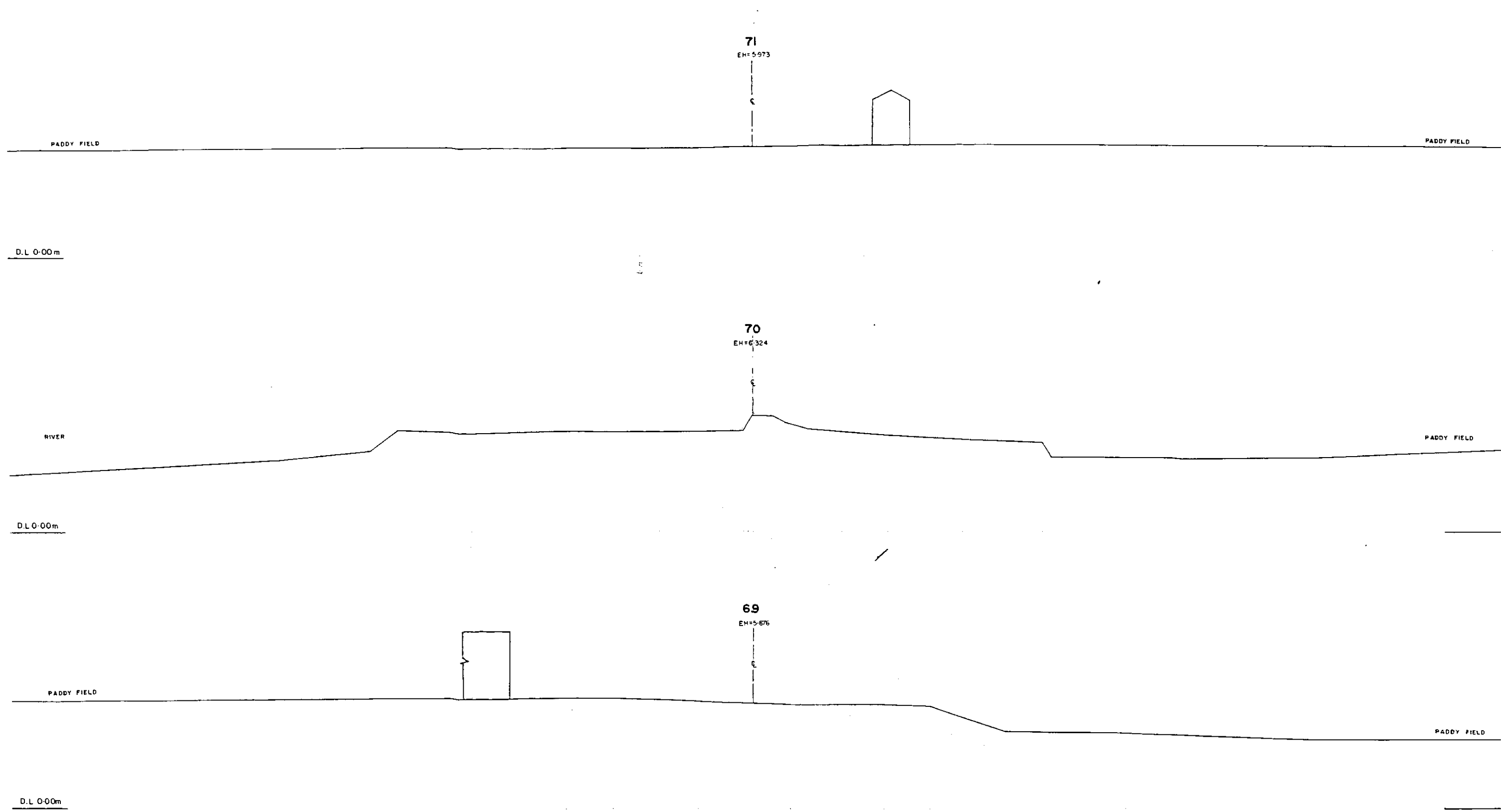


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H= 1:200 V= 1:100
DWG. NO.	PEE/C-24	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NOBA			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
-TONGI-DEMRA-	SCALE	H=1:200 V=1:100	
OWG NO.	PEE/C-25	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

205



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	H: 1:200 V: 1:100
DWG. NO.	PEE/C-26	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

73+33.7
E.H. 5.330

PADDY FIELD

LOW LAND

PADDY FIELD

73
E.H. 5.486

C

INDUSTRIAL AREA

PADDY FIELD

PADDY FIELD

PADDY FIELD

D.L. 0.00m

72

E.H. 6.504

C

INDUSTRIAL AREA

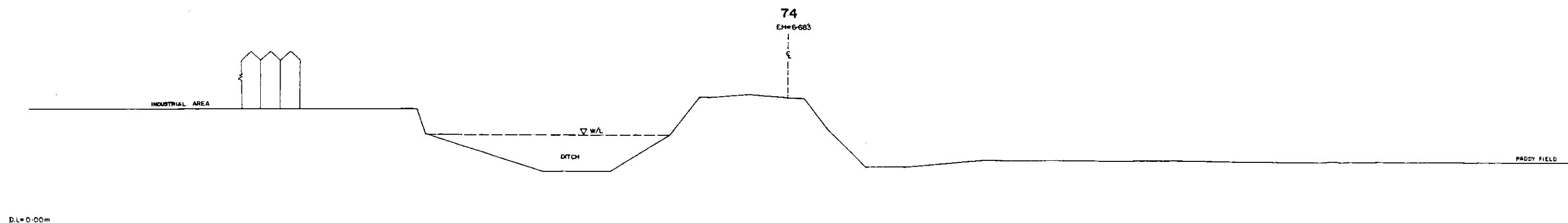
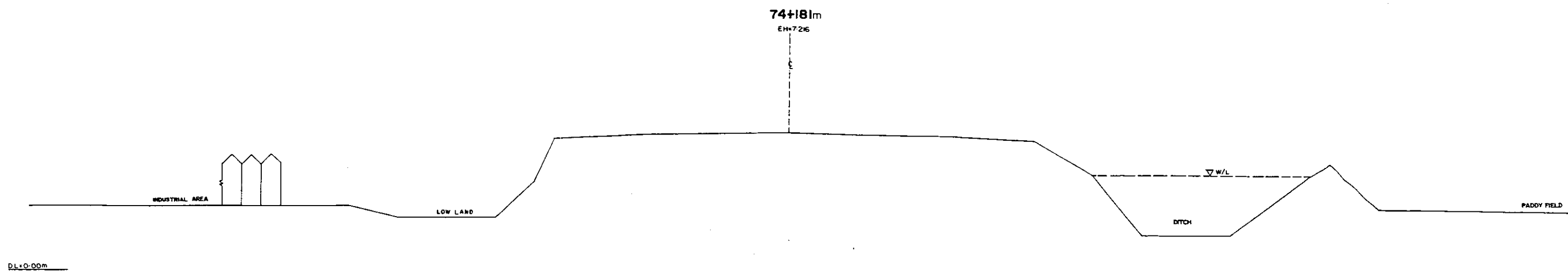
PADDY FIELD

PADDY FIELD

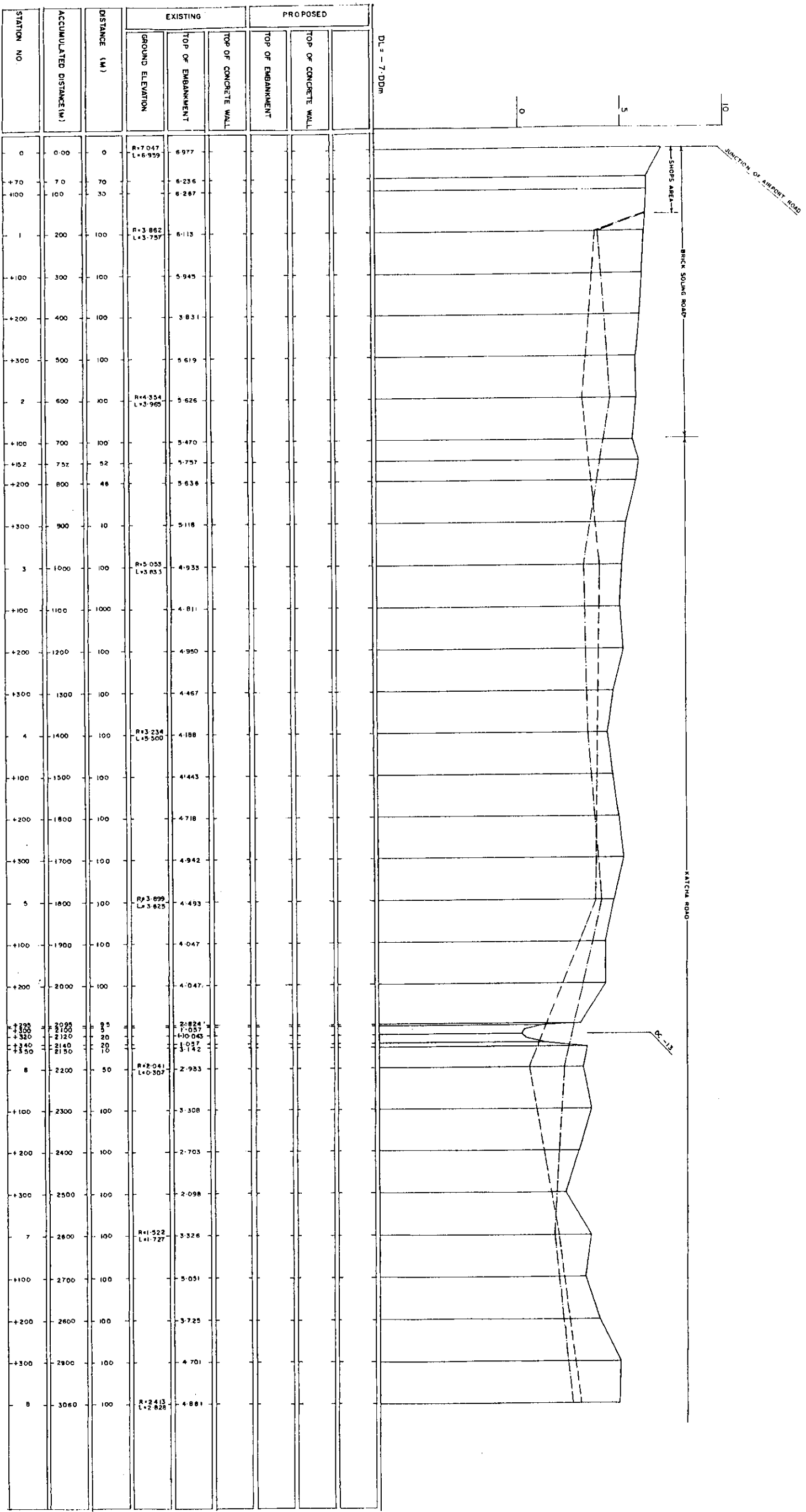
D.L. 0.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA		SCALE	M : 1 : 2,000
DWG NO.	PEE/C-27	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

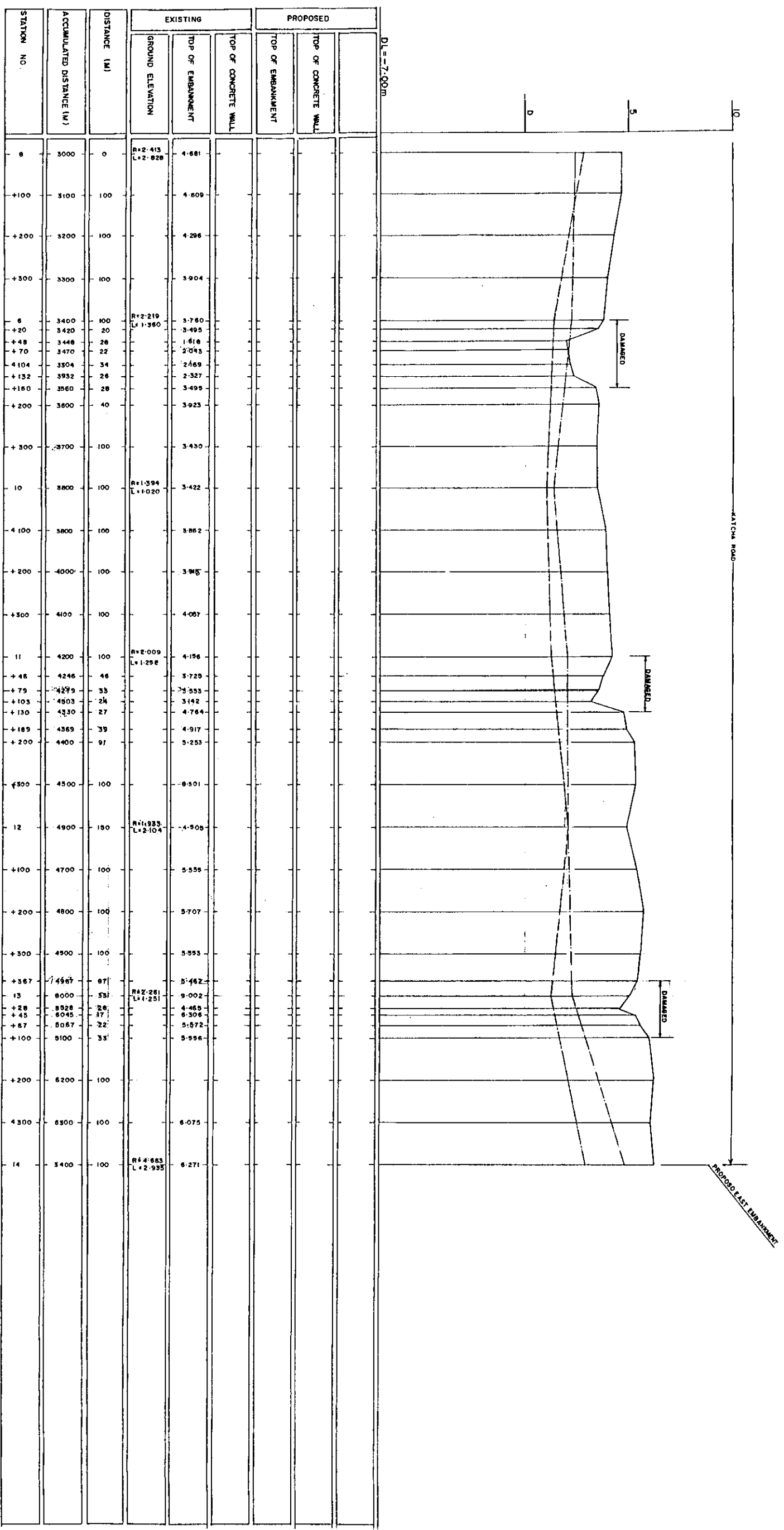
205



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EAST EMBANKMENT			
CROSS SECTION			
TONGI-DEMRA	SCALE	H: 1:200 V: 1:100	
DWG NO.	PEE/C-28	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND
 TOP OF EMBANKMENT
 GROUND ELEVATION
 RIGHT
 LEFT
 TOP OF CONCRETE WALL



LEGEND

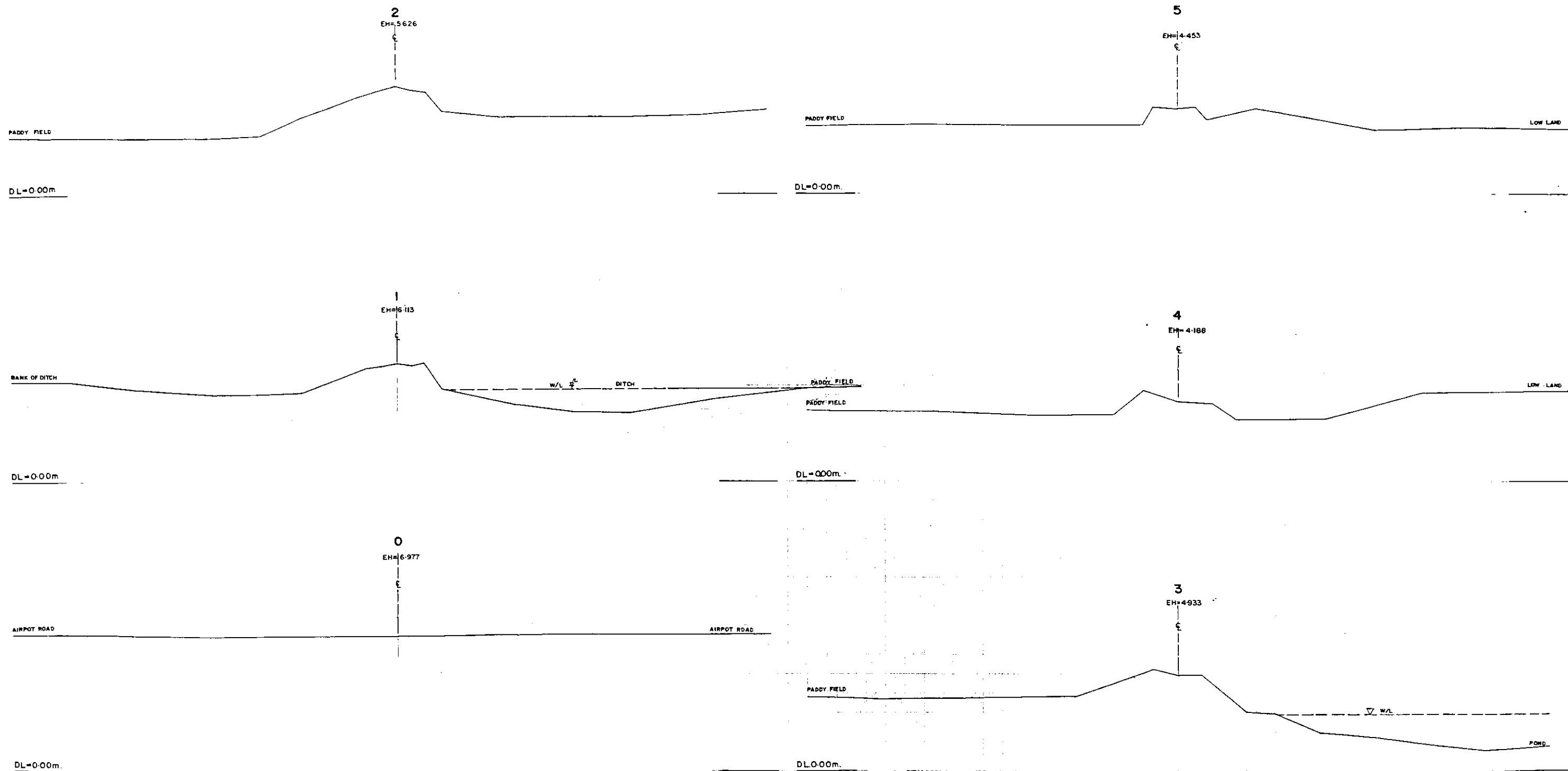
TOP OF EMBANKMENT

GROUND ELEVATION

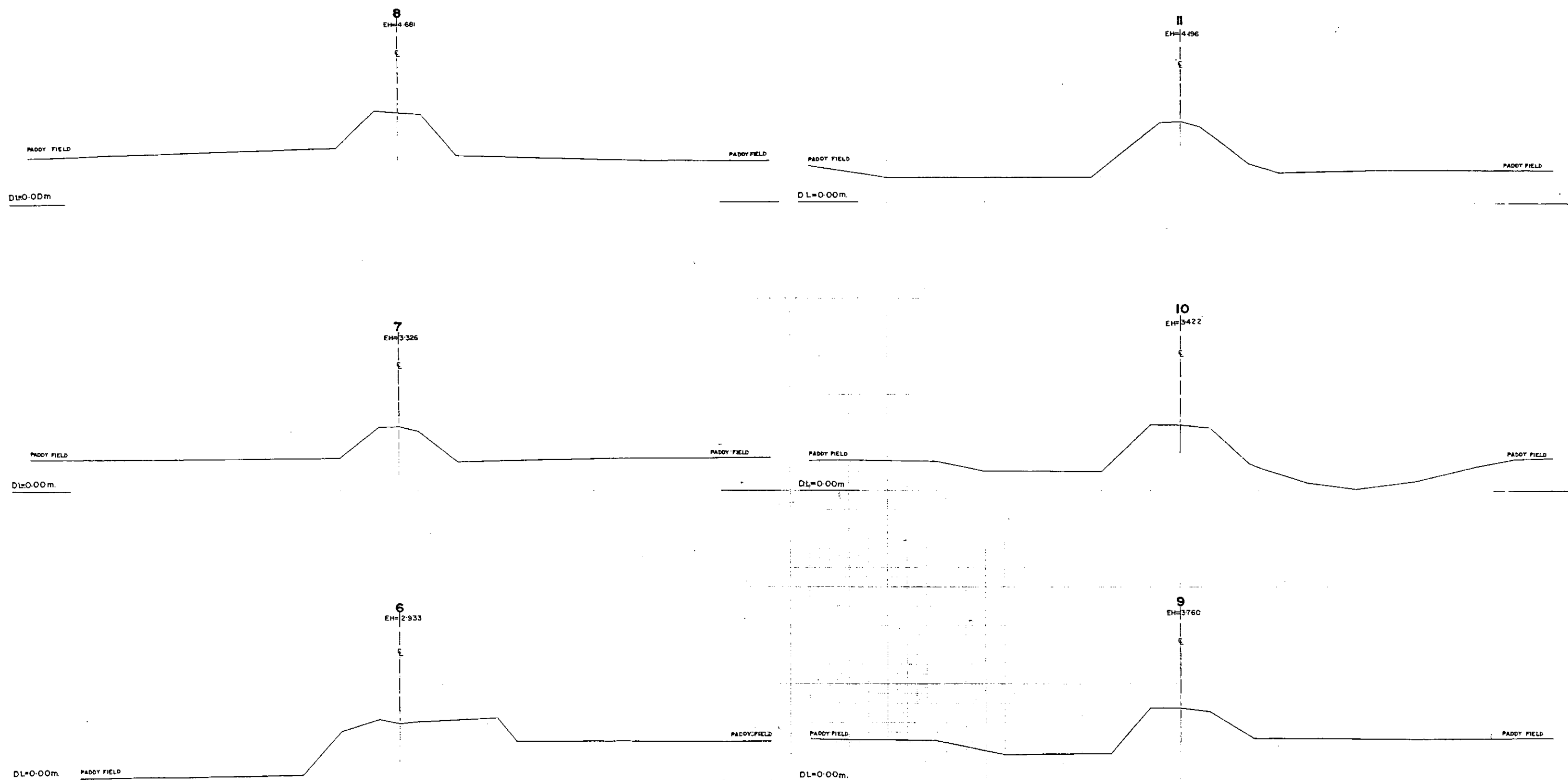
LEFT

RIGHT

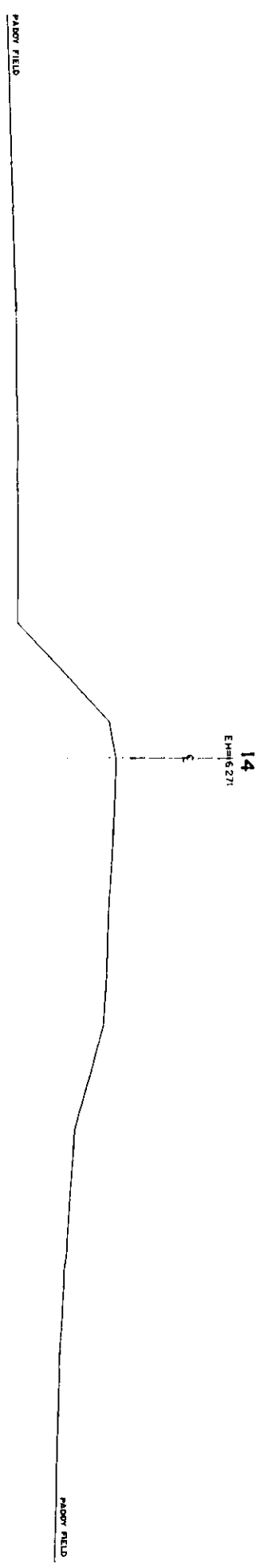
TOP OF CONCRETE WALL



GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.BA			
DHAKA METROPOLITAN AREA			
PROPOSED INNER EMBANKMENT(I)			
CROSS SECTION			
BADDA-BARITH	SCALE	H=1:200	V=1:100
DWG NO	PEI(I)/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

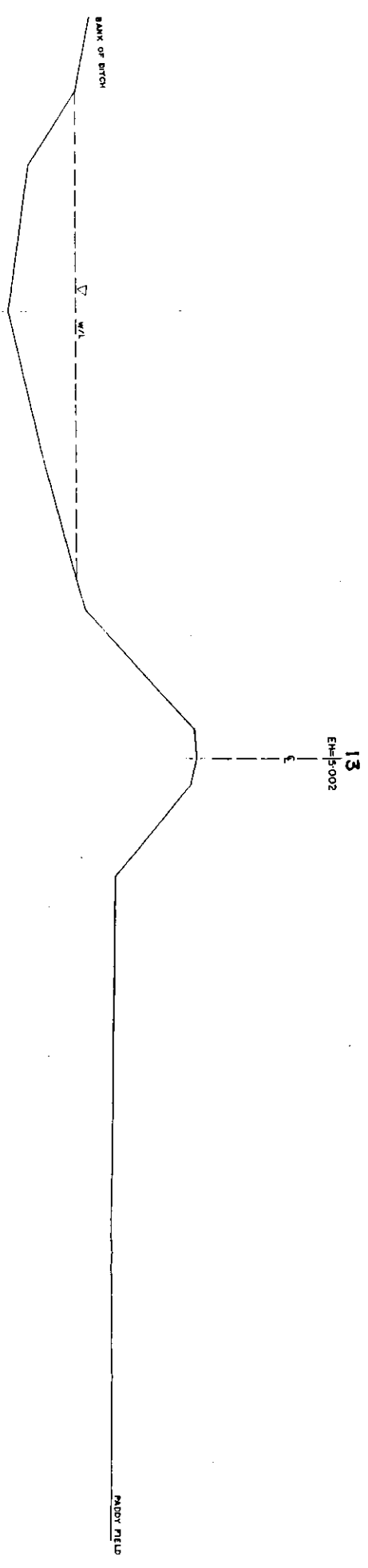


GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.BA		
DHAKA METROPOLITAN AREA		
PROPOSED INNER EMBANKMENT(II)		
CROSS SECTION		
BADDA-BARITH	SCALE	H=1:200 V=1:100
OWG NO	PEI(1)/C-2	DATE
JUNE, 1991		
JAPAN INTERNATIONAL COOPERATION AGENCY		



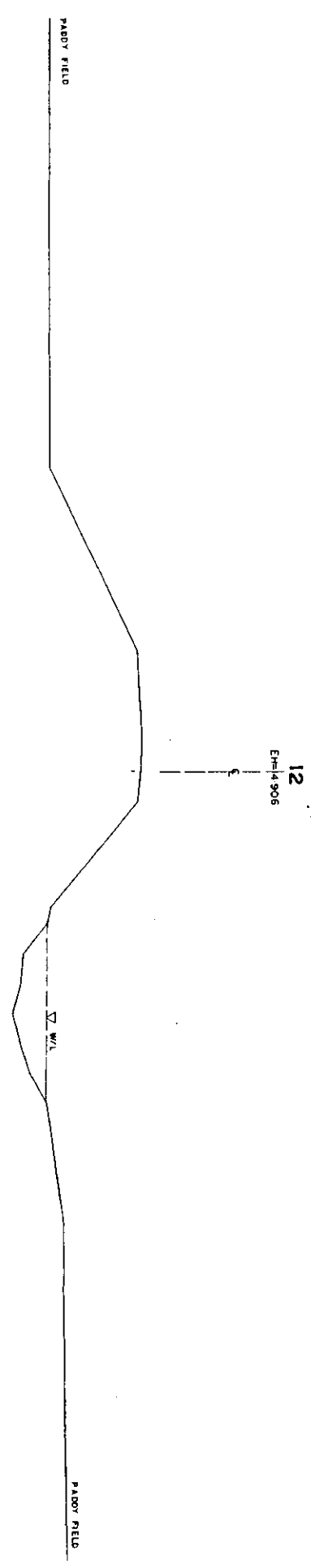
DL=0.00m

DL=0.00m



DL=0.000m

DL=0.00m

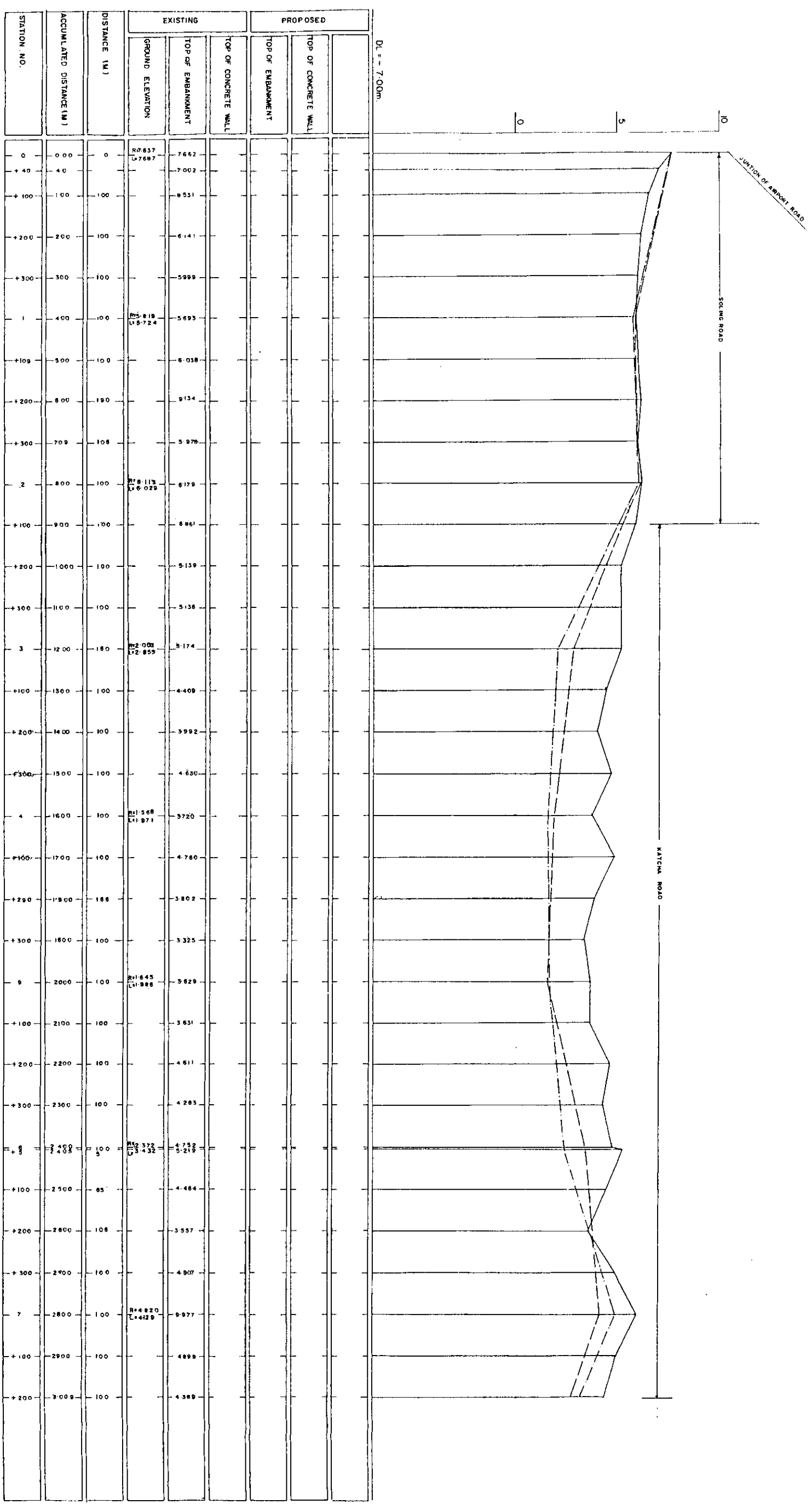


DL=0.00m

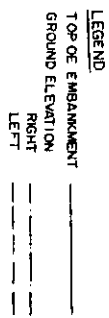
DL=0.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED INNER EMBANKMENT(I)			
CROSS SECTION			
BADDA - BARTH	SCALE	DATE	JUNE, 1991
DWG. NO.	PE(11)/C-3		

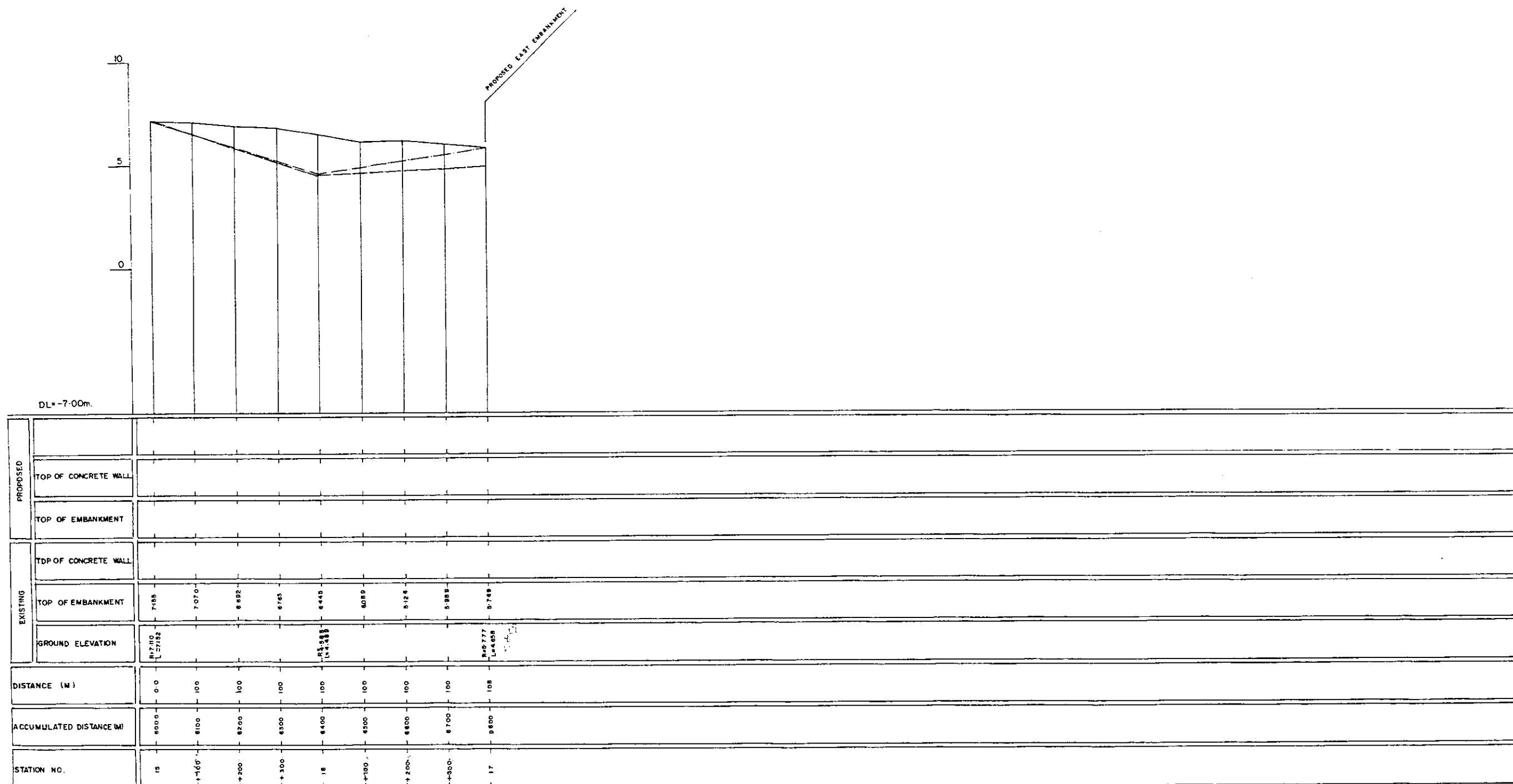
JAPAN INTERNATIONAL COOPERATION AGENCY



GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A
DHAKA METROPOLITAN AREA
PROPOSED INNER EMBANKMENT (2)
LONG SECTION
KHILKHAITE-PATIRA
SCALE: H=1:5000
V=1:100
DWG NO: PEK2/L-1
DATE: JUN-1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY

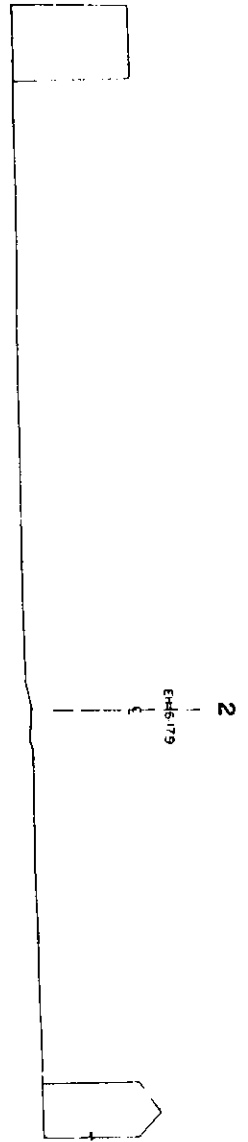


GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.BA			
PROPOSED INNER EMBANKMENT(2)			
DHAKA METROPOLITAN AREA			
JONG SECTION			
KHILKHATE-PATARA	SCALE	N.T.S	
DWG NO. PEI(2)/E-2	DATE	JUN 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			

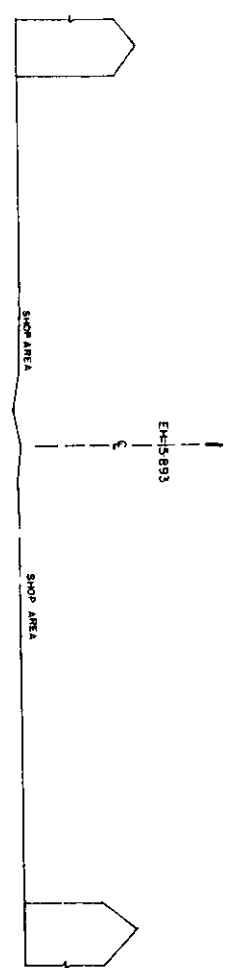


LEGEND
TOP OF EMBANKMENT ———
GROUND ELEVATION ———
RIGHT ———
LEFT ———

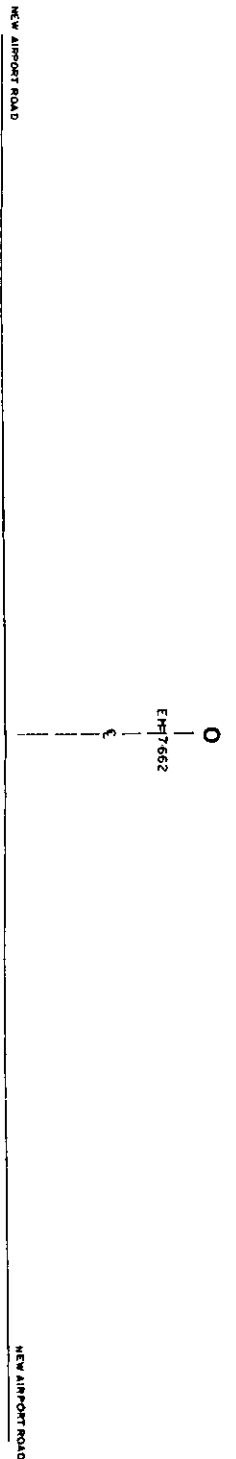
GREATER DHAKA PROTECTION PROJECT			
(STUDY AREA: DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
PROPOSED INNER EMBANKMENT (2)			
LONG SECTION			
KHILKHATE-PATIRA		SCALE	N=1:5000
DWG NO.	PEI(2)/L-3	DATE	JUN 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



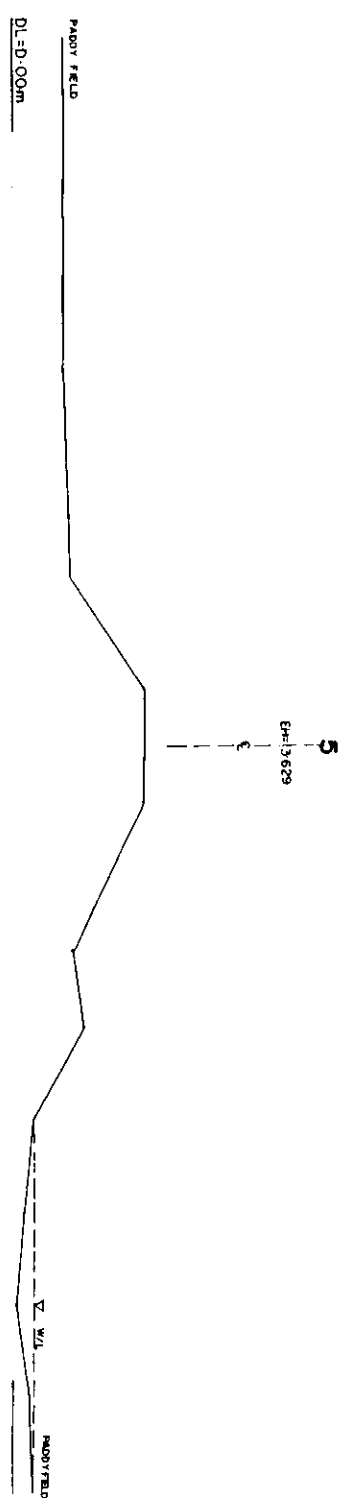
DL=0.00m



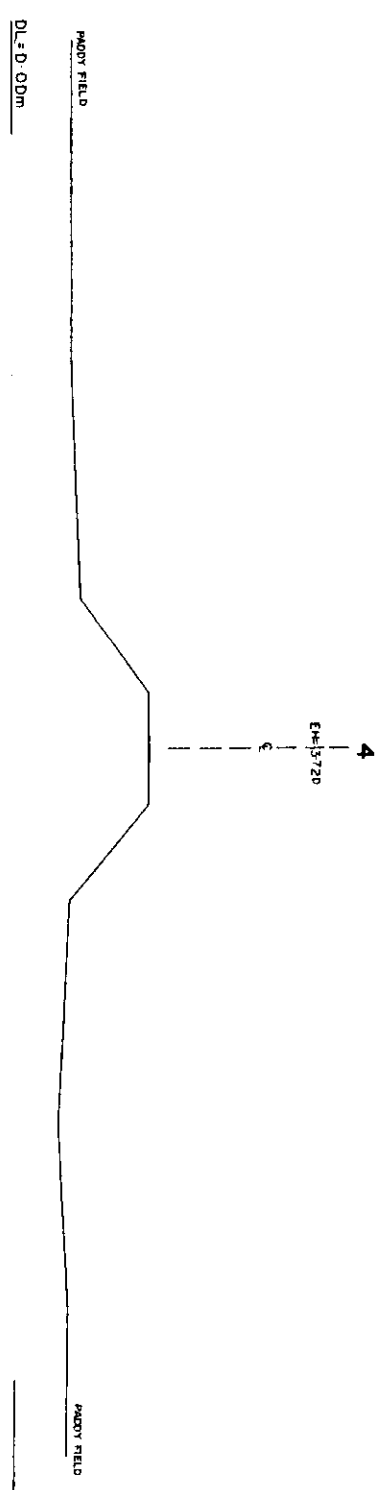
DL=0.00m



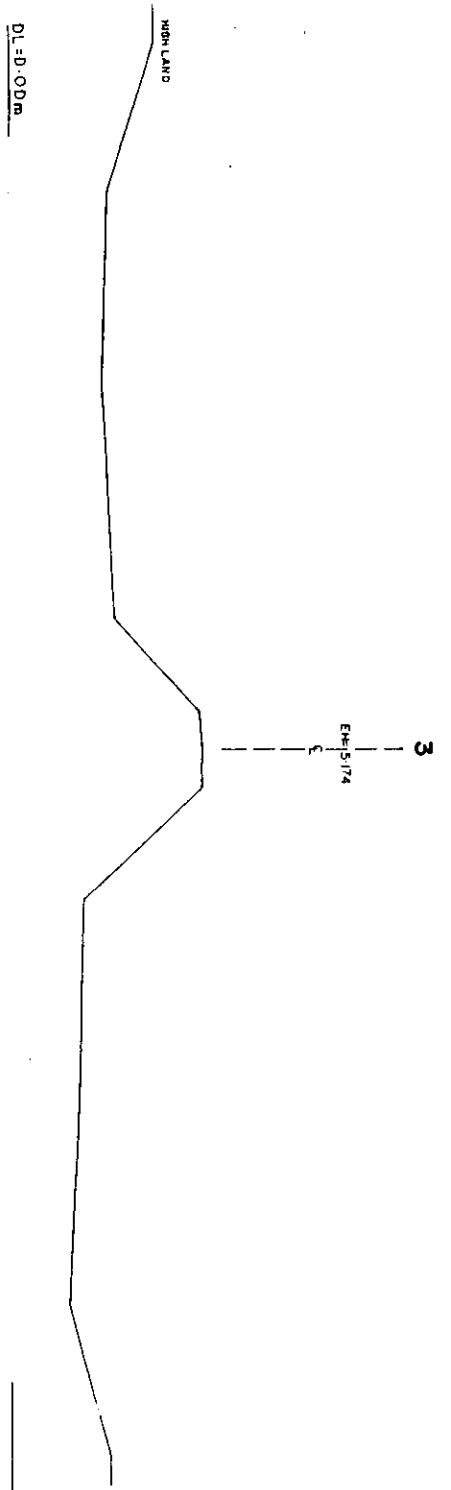
DL=0.00m



DL=D.00m

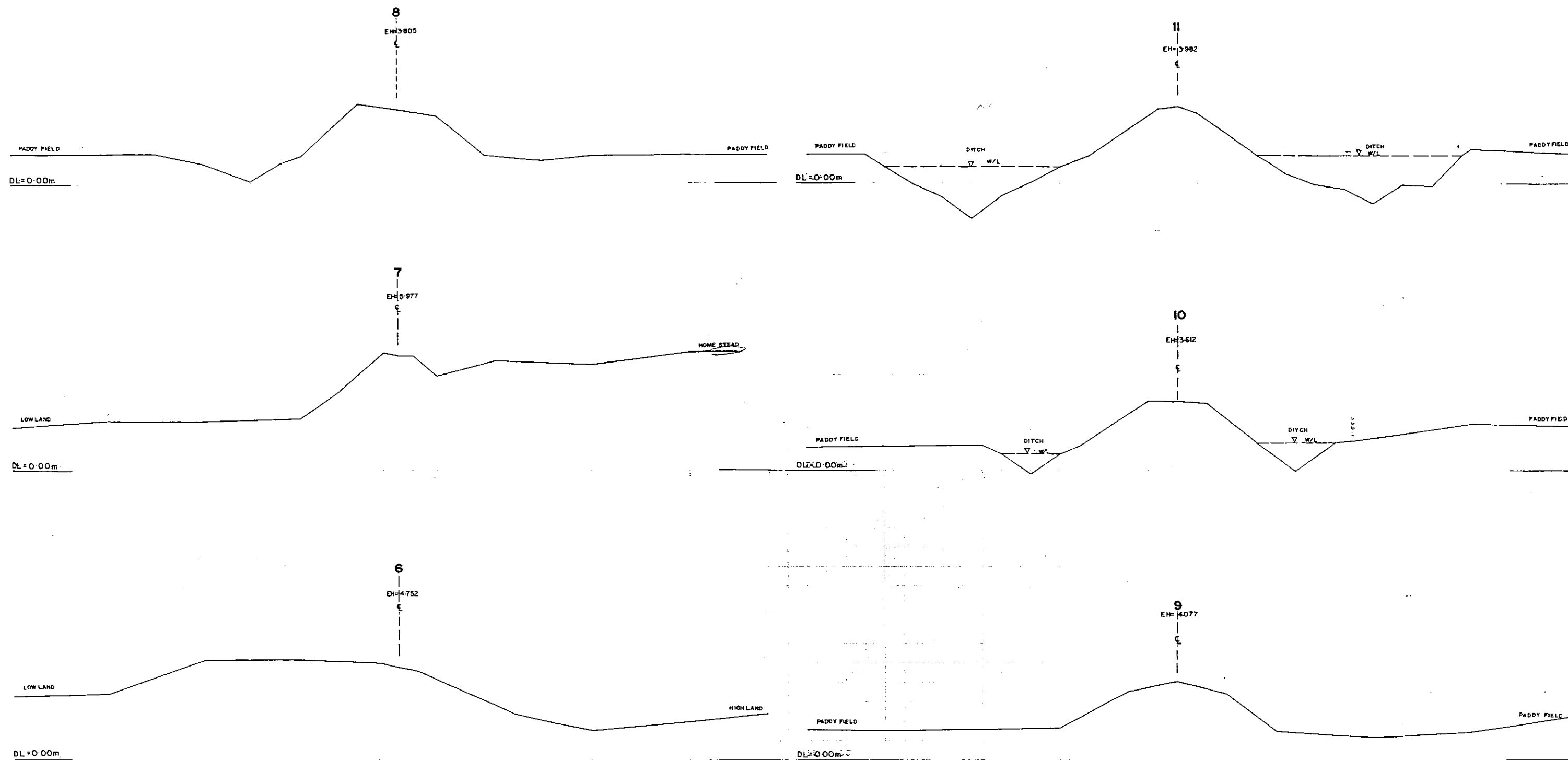


DL=D.00m



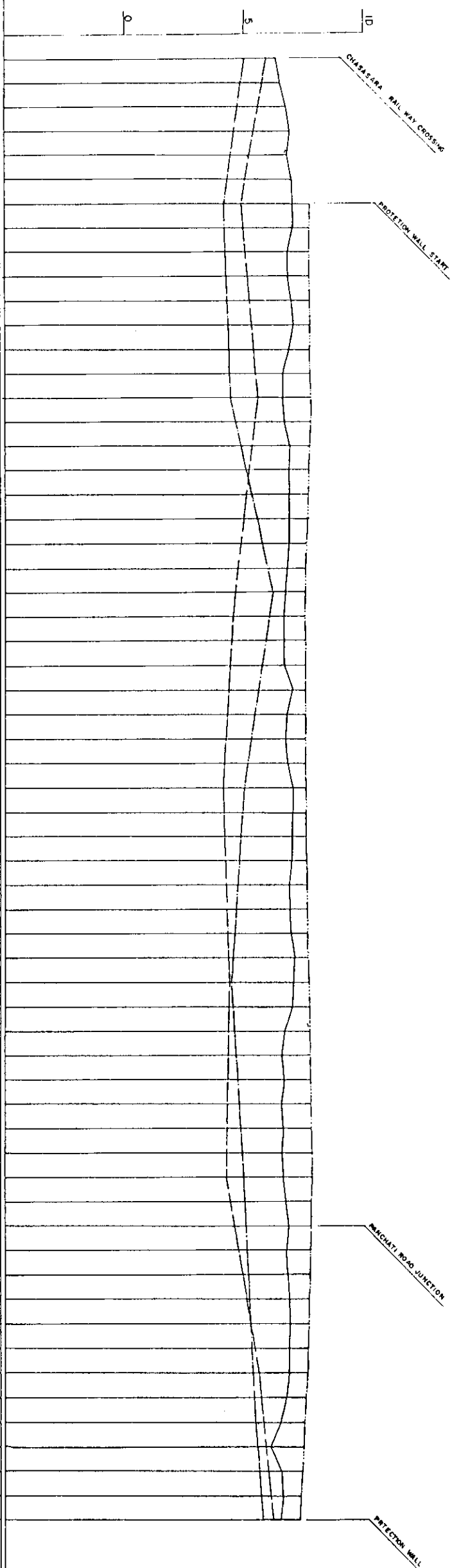
DL=D.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED INNER EMBANKMENT (2)			
CROSS SECTION			
KHLIKHATE-PATIRA		SCALE	1:200
DWG NO.	PEI(2)/C-1	DATE	JUN, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED INNER EMBANKMENT (2)			
CROSS SECTION			
KHILKATE-PATIRA		SCALE	H: 1:200 V: 1:100
DWG NO	PEI(2)/C-2	DATE	JUN, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

224



STATION NO	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	
0	0	0	R=5.083 L=5.965	6.363				
+50	50	50		6.502				
+100	100	50		6.747				
+150	150	50		6.895				
+200	200	50		6.811				
+250	250	50		6.979				
1	300	50	R=4.112 L=4.687	7.619				
+30	350	50		7.069				
+100	400	50		6.788				
+130	450	50		6.779				
+200	500	50		9.912				
+250	550	50		6.988				
+300	600	50		6.699				
+350	650	50		6.598				
2	700	50	R=4.367 L=5.506	6.571	L=7.707			
+50	750	50		6.615				
+100	800	50		6.900				
+150	850	50		6.656				
+200	900	50		6.670				
+250	950	50		6.866				
+300	1000	50		6.629				
+350	1050	50		6.764				
3	1100	50	R=6.155 L=4.594	6.676	L=7.642			
+50	1150	50		6.619				
+100	1200	50		6.625				
+150	1250	50		6.938				
+200	1300	50		6.985				
+250	1350	50		6.761				
+300	1400	50		6.709				
+350	1450	50		6.746				
4	1500	50	R=4.666 L=4.067	6.961	L=7.492			
+50	1550	50		6.969				
+100	1600	50		6.985				
+150	1650	50		6.950				
+200	1700	50		6.620				
+250	1750	50		6.648				
+300	1800	50		6.838				
+350	1850	50		7.062				
5	1900	50	R=4.622 L=4.541	7.072	L=7.607			
+50	1950	50		6.985				
+100	2000	50		6.676				
+150	2050	50		6.520				
+200	2100	50		6.638				
+250	2150	50		6.518				
+300	2200	50		6.998				
+350	2250	50		6.521				
6	2300	50	R=4.959 L=4.229	9.585	L=7.817			
+50	2350	50		6.709				
+100	2400	50		6.940				
+150	2450	50		6.789				
+200	2500	50		6.610				
+250	2550	50		6.667				
+300	2600	50		6.920				
+350	2650	50		6.876				
7	2700	50	R=5.335 L=3.628	6.667	L=7.809			
+50	2750	50		6.754				
+100	2800	50		6.537				
+150	2850	50		6.087				
+200	2900	50		6.819				
+250	2950	50		6.626				
+300	3000	50		6.510				

LEGEND

TOP OF EMBANKMENT	_____
GROUND ELEVATION	_____
RIGHT	_____
LEFT	_____
TOP OF CONCRETE WALL	_____

LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT
TOP OF CONCRETE WALL

STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	
+300	3000	50		6.518				
+350	3056	50		6.524				
6	3100	50	R+5995 L+6442	6.598	L+7252			
+50	3150	50		7.057				
+100	3200	50		7.052				
+150	3250	50		6.769				
+200	3300	50		7.036				
+250	3350	50		7.143				
+300	3400	50		8.853				
+350	3450	50		6.868				
9	3500	50	R+4143 L+7175	7.213	L+8175			
+50	3550	50		8.261				
+100	3600	50		7.801				
+150	3650	50		7.370				
+200	3700	50		7.026				
+250	3750	50		6.601				
+300	3800	50		6.811				
+350	3850	50		6.730				
10	3900	50	R+4491 L+6623	6.801	L+7623			
+50	3956	56		6.753				
+100	4006	50		6.765				
+156	4050	50		6.376				
+206	4106	50		6.685				
+250	4156	50		6.429				
+300	4206	50		6.395				
+350	4250	56		6.366				
11	4300	50	R+5715 L+8412	6.432	L+7512			
+50	4350	50		6.601				
+100	4406	50		6.715				
+150	4450	50		6.634				
+200	4500	50		6.381				
+250	4550	50		9.674				
+300	4606	50		6.521				
+350	4650	56		6.624				
12	4706	50	R+3043 L+6641	6.736	L+7635			
+50	4756	50		6.598				
+100	4800	50		6.717				
+150	4850	50		6.647				
+200	4900	50		6.547				
+250	4956	50		6.730				
+300	5000	50		9.648				
+356	5050	50		6.422				
13	5100	50	R+4426 L+5736	6.445	L+7665			
+50	5150	50		6.446				
+100	5200	50		6.382				
+150	5250	50		6.461				
+200	5300	50		6.657				
+250	5350	50		6.435				
+300	5406	50		6.696				
+350	5450	50		6.634				
14	5506	56	R+5087 L+8233	6.816	L+7911			
+50	5550	50		6.651				
+100	5600	50		6.720				
+150	5650	50		6.776				
+200	5700	50		6.998				
+250	5750	50		6.505				
+300	5800	50		6.775				
+350	5856	50		6.657				
16	5900	50	R+3767 L+4469	6.680	L+8060			
+50	5950	50		6.782				
+100	6000	50		6.520				

DL=-5.00m

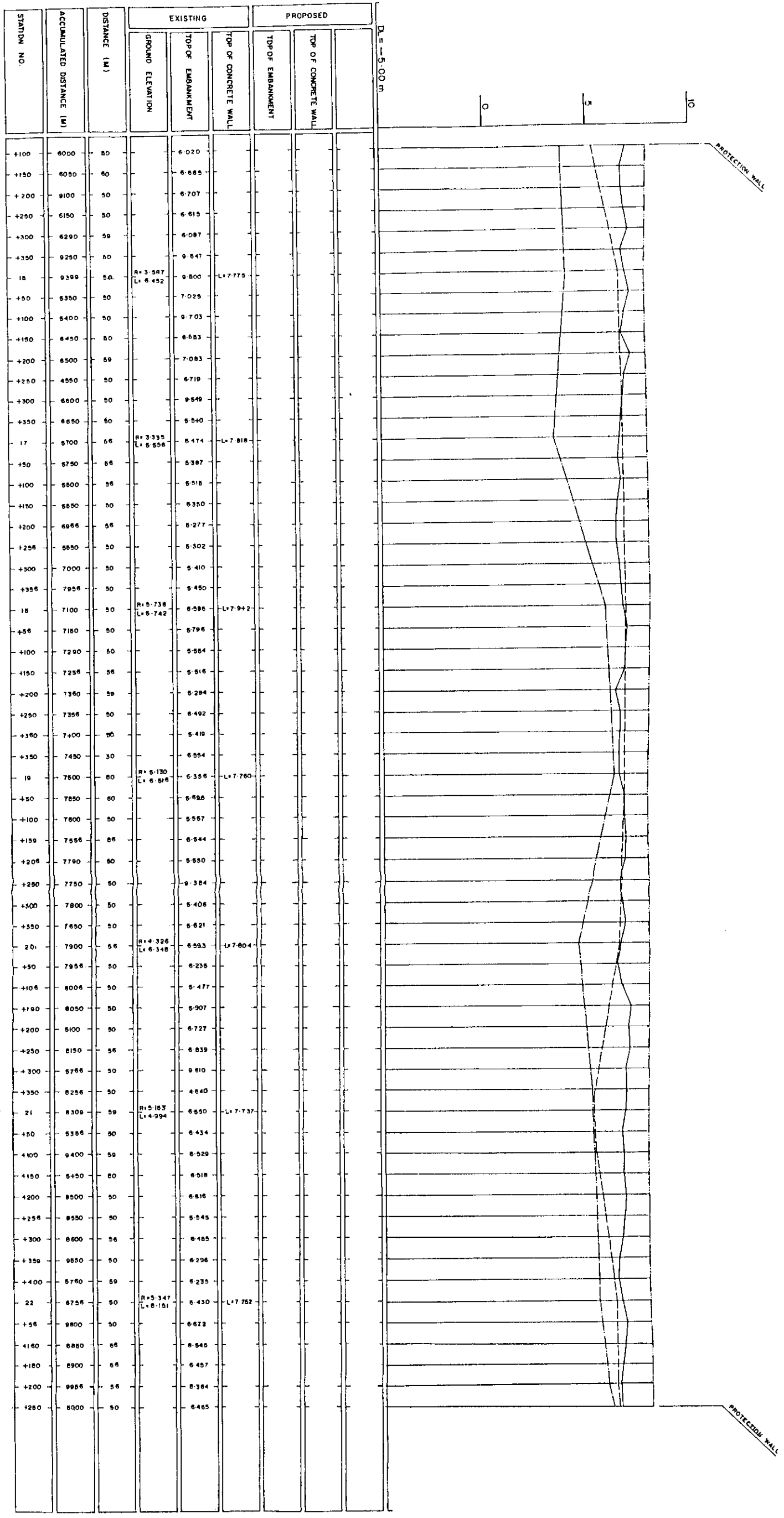
0
5
10

PROTECTION WALL

UNDER CONSTRUCTION
DEVERT CANAL (N-8)

PROTECTION WALL (END)

2x2



LEGEND

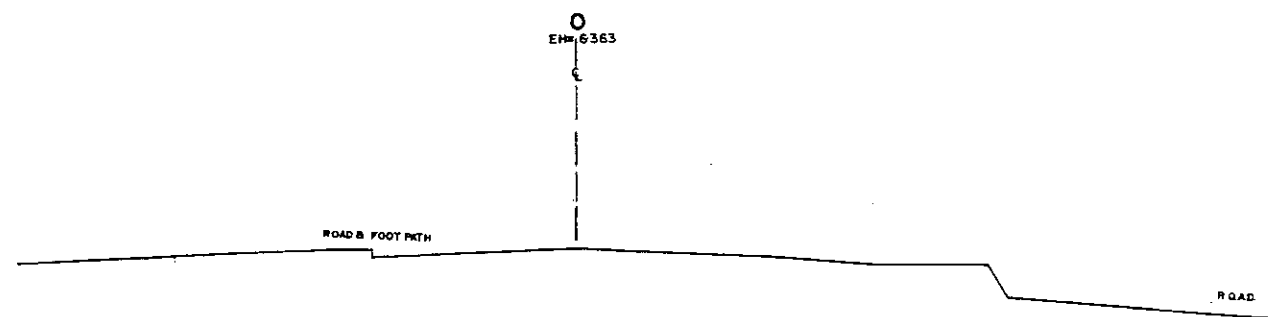
TOP OF EMBANKMENT ———

GROUND ELEVATION ———

RIGHT ———

LEFT ———

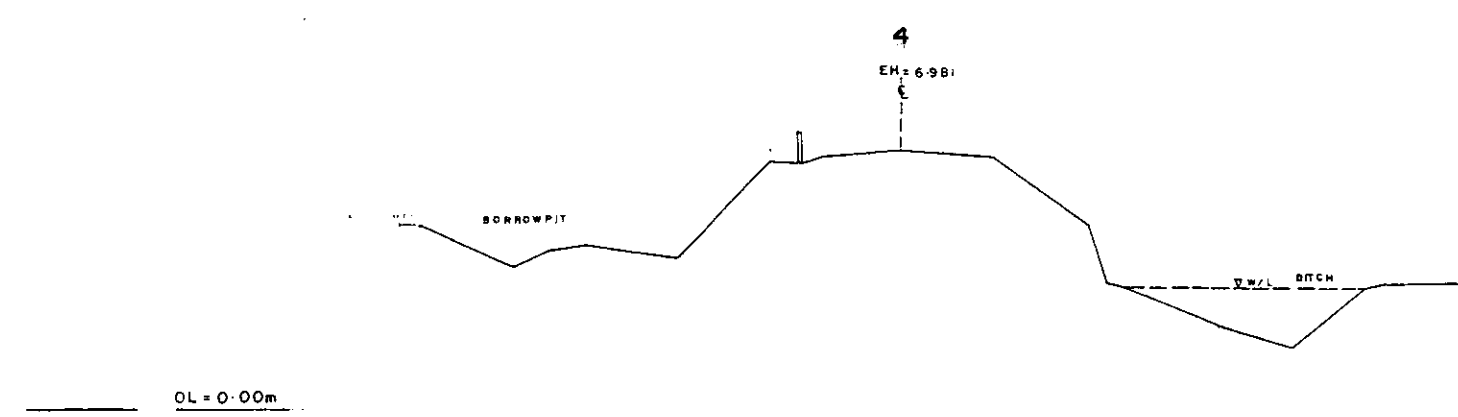
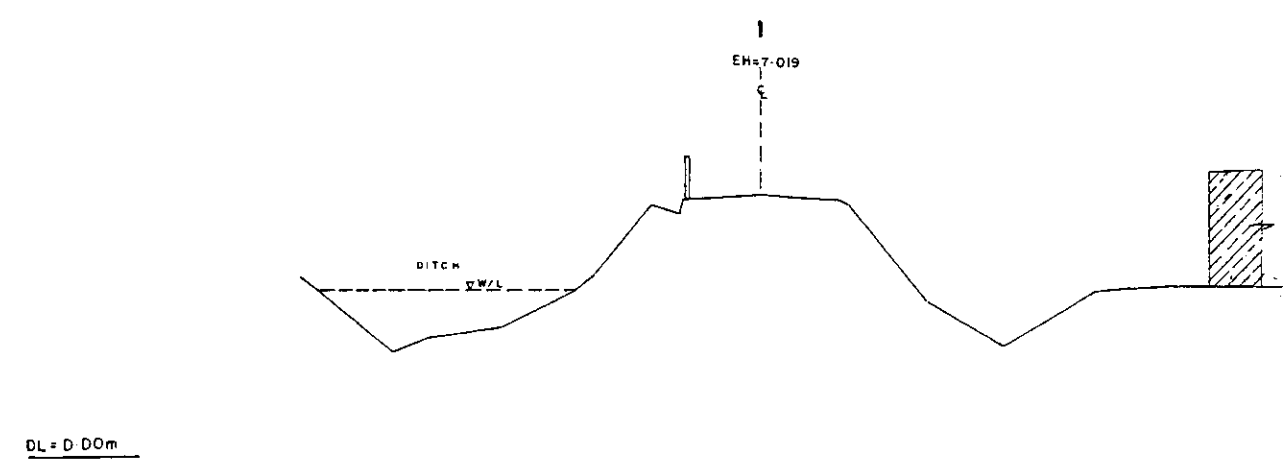
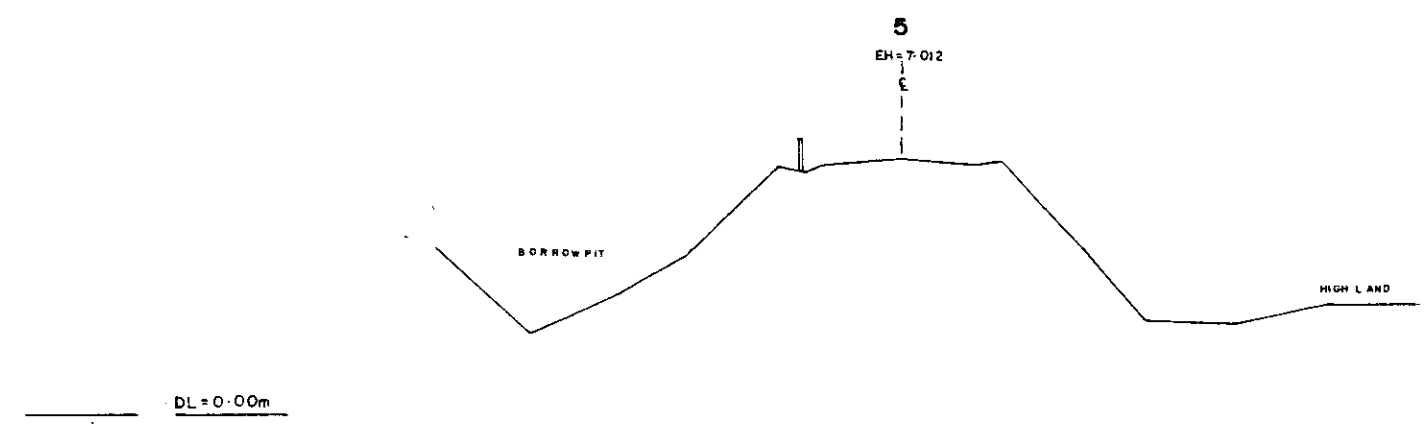
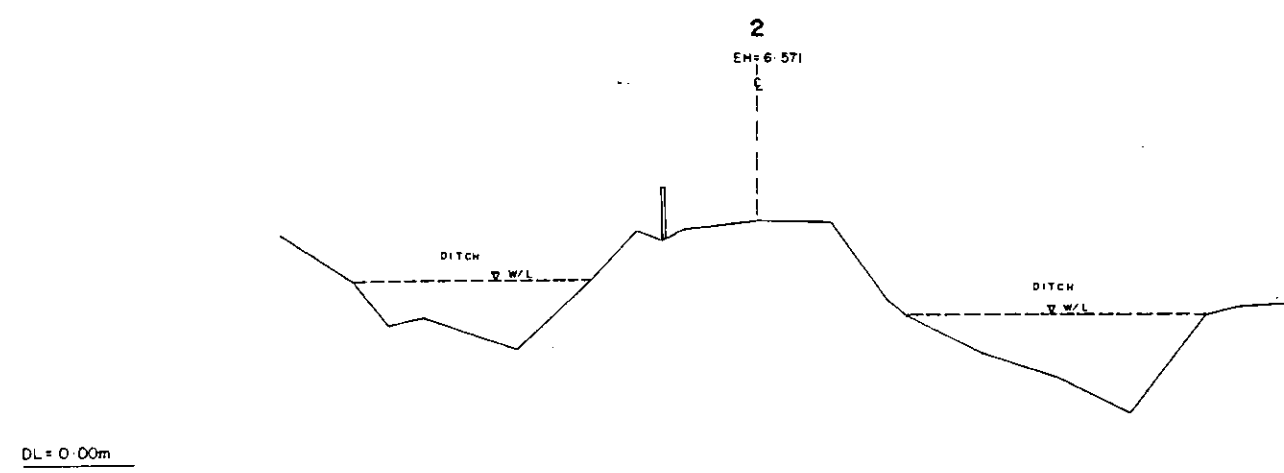
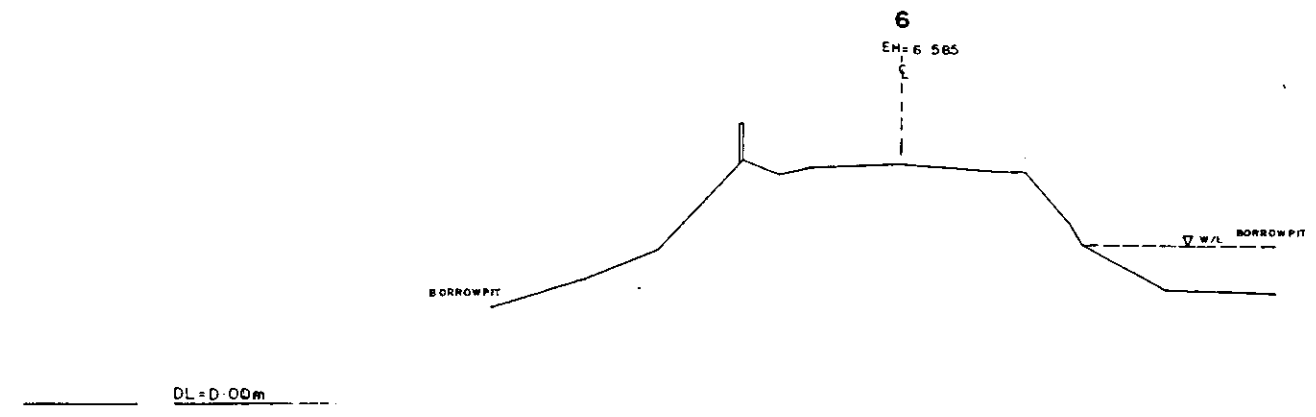
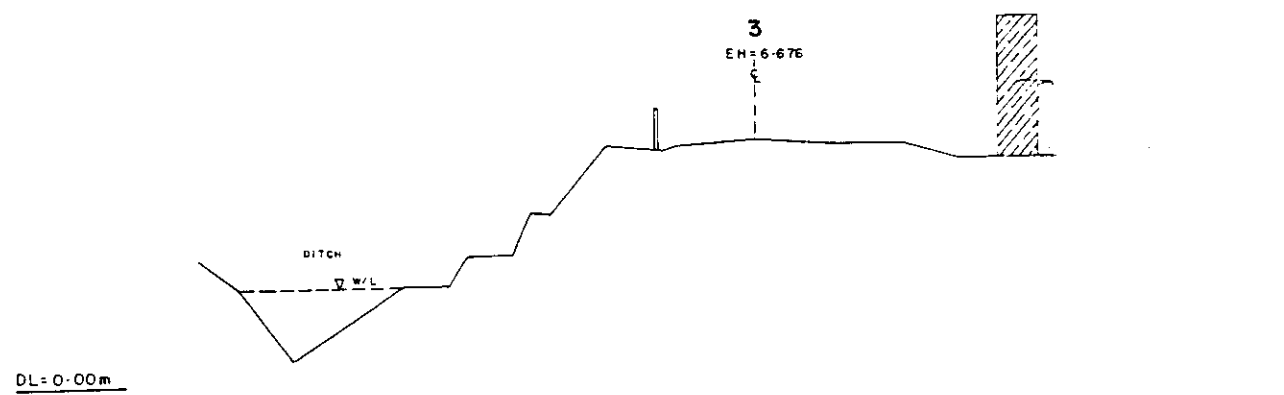
TOP OF CONCRETE WALL ———



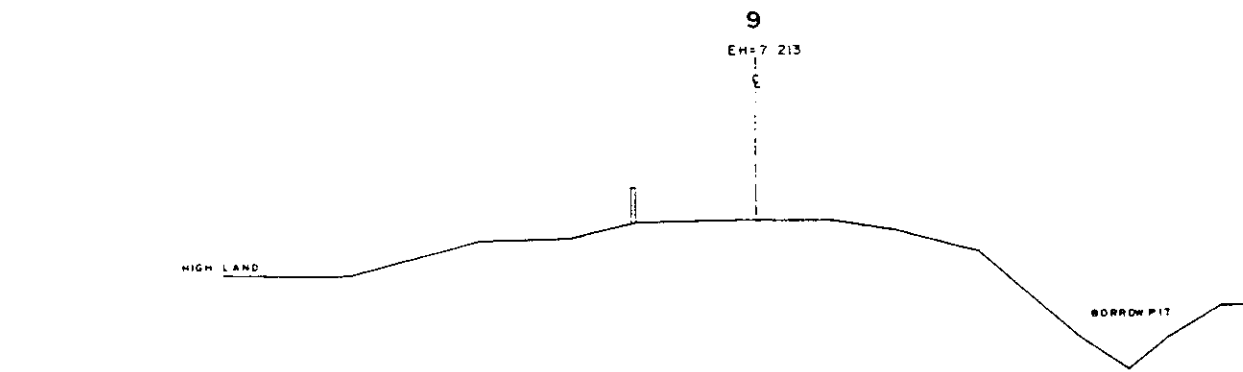
Dt. = 0-00m

GREATER DHAKA PROTECTION PROJECT		
(STUDY IN-DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING DND EMBANKMENT(I)		
CROSS SECTION		
CHASRA-CHINA BRIDGE	SCALE	N=1:200 V=1:100
DWG. NO. EED(I)/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		

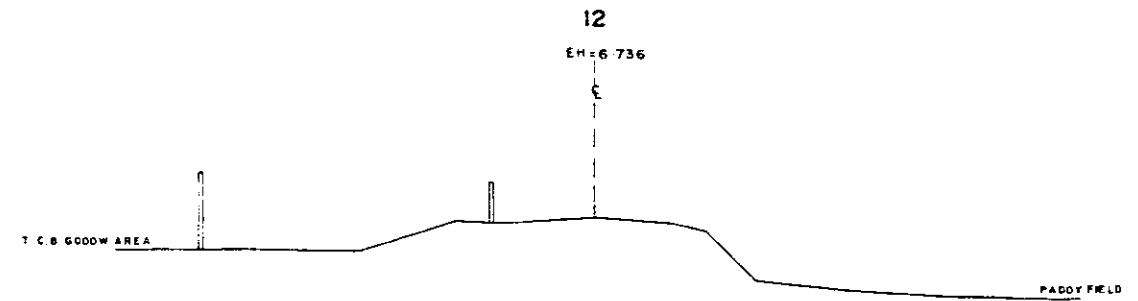
227



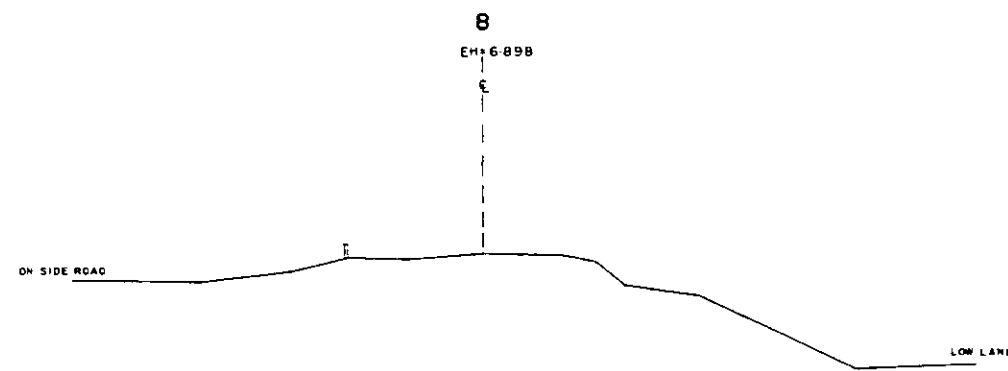
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING DND EMBANKMENT(I)			
CROSS SECTION			
CHASRA-CHINA BRIDGE	SCALE	H=1:200 V=1:100	
DWG. NO.	EED(I)/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



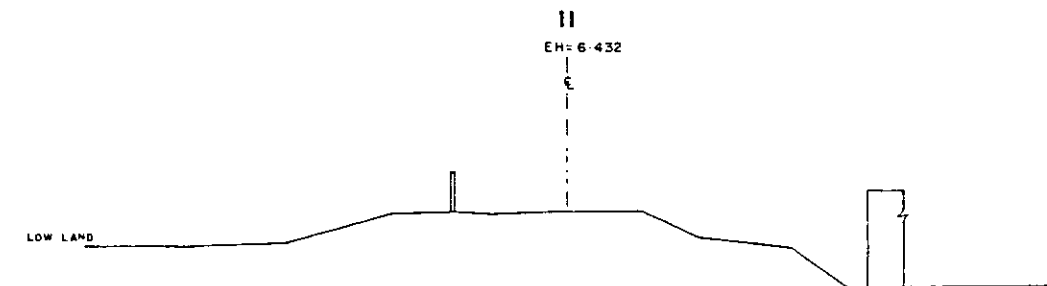
DL=0.00m



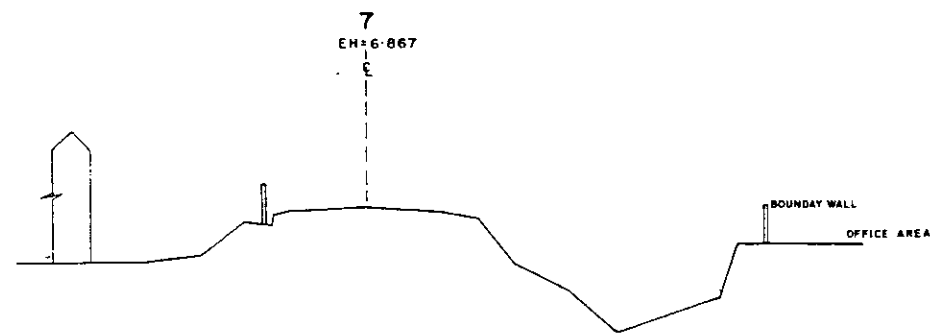
DL=0.00m



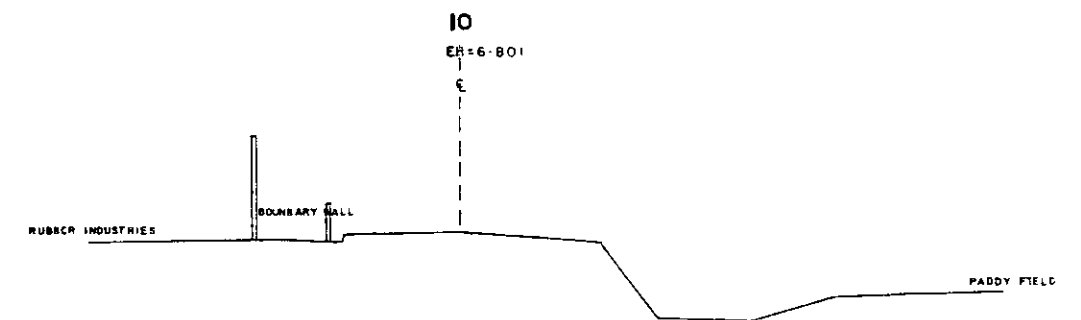
DL=0.00m



DL=0.00m

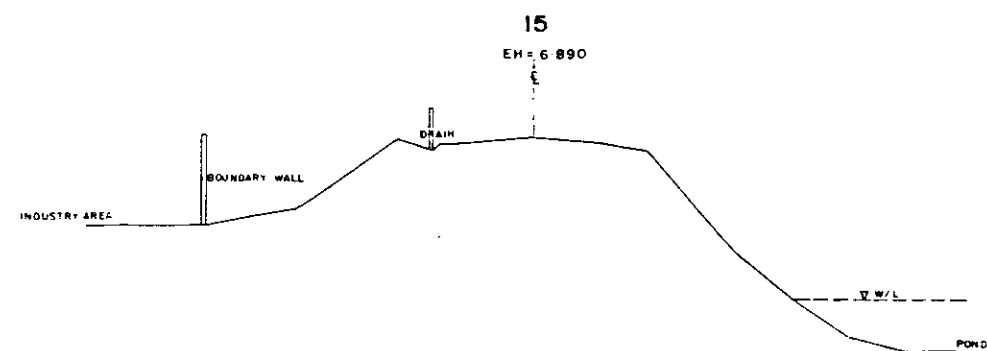


DL=0.00m

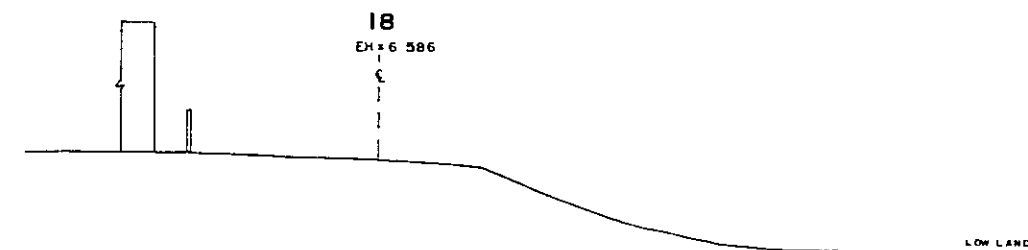


DL=0.00m

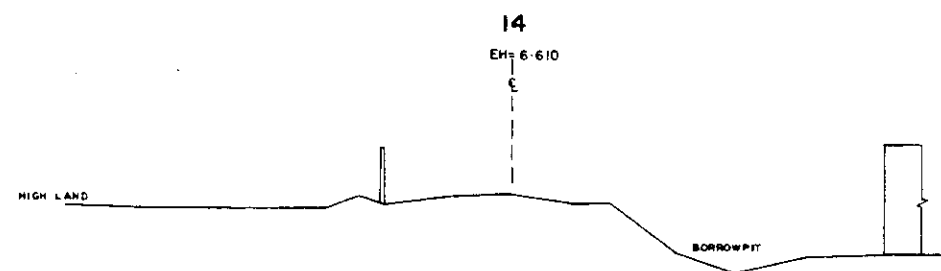
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING DND EMBANKMENT (I)			
CROSS SECTION			
CHASRA-CHINA BRIDGE	SCALE	H=1:200 V=1:100	
DWG. NO.	EED(I)/C-3	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



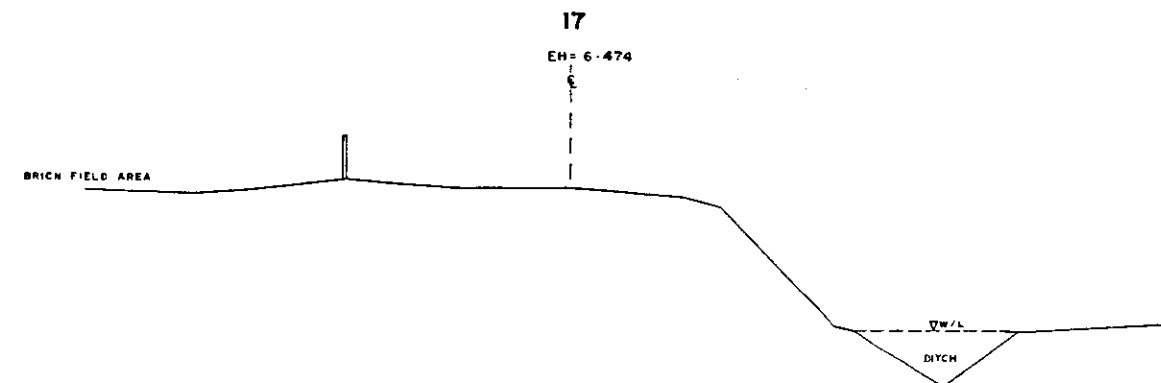
DL = 0.00m



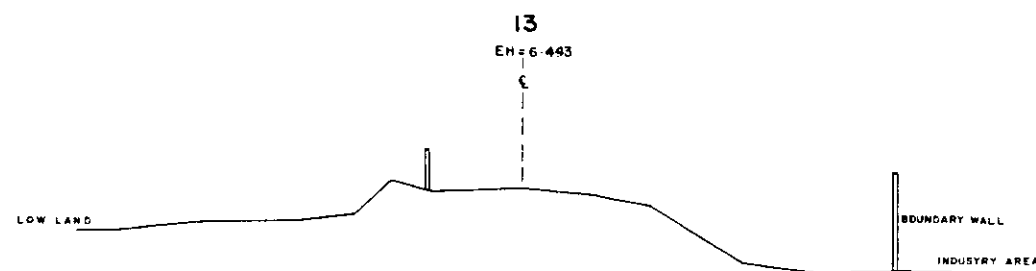
DL = 0.00m



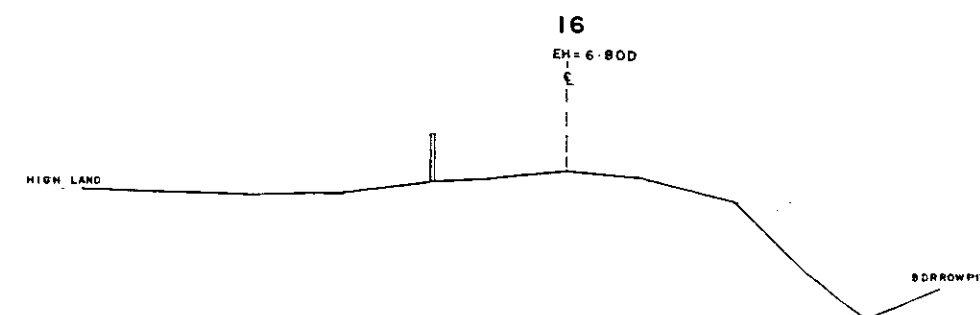
DL = 0.00m



DL = 0.00m

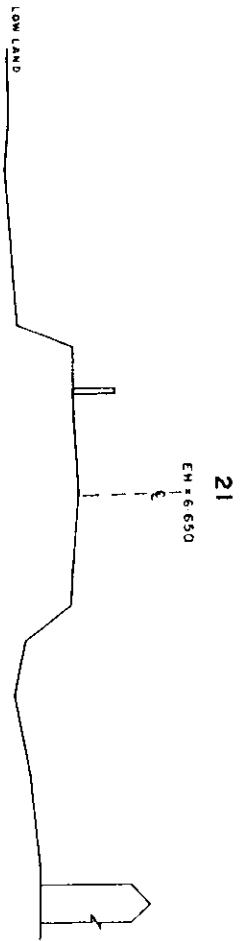


DL = 0.00m

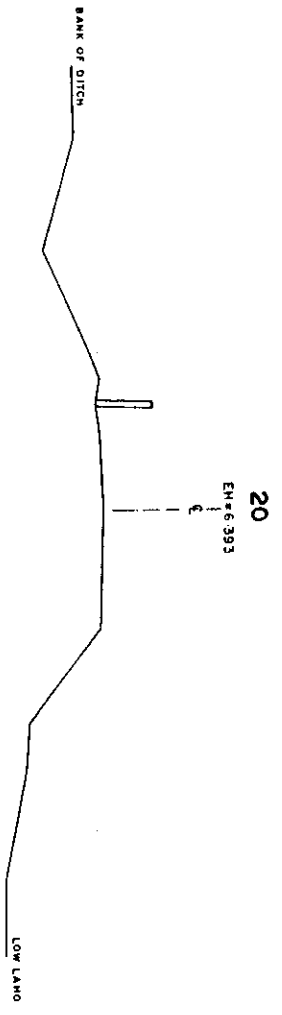


DL = 0.00m

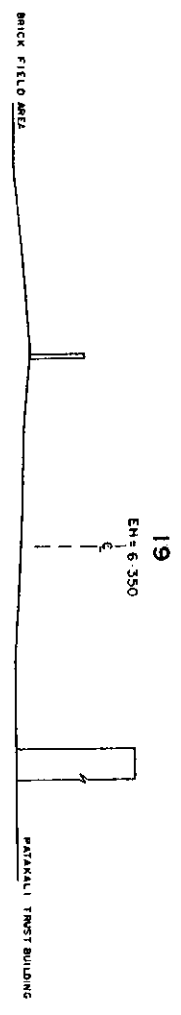
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN ND.8A		
DHAKA METROPOLITAN AREA EXISTING DND EMBANKMENT(I) CROSS SECTION		
CHASRA-CHINA BRIDGE	SCALE	H=1:200 V=1:100
DWG. NO.	EED(I)/C-4	DATE JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		



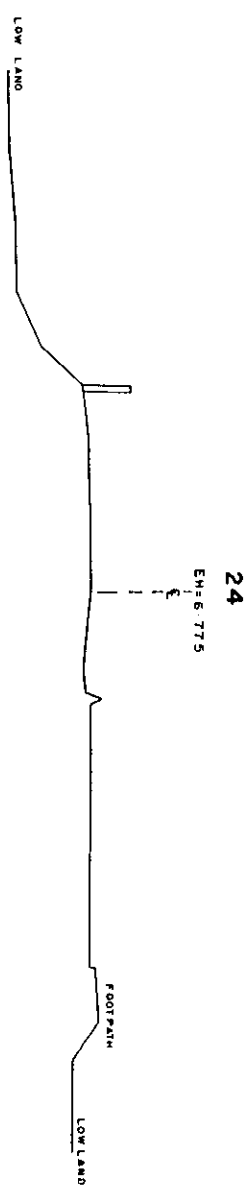
DL=0.00m



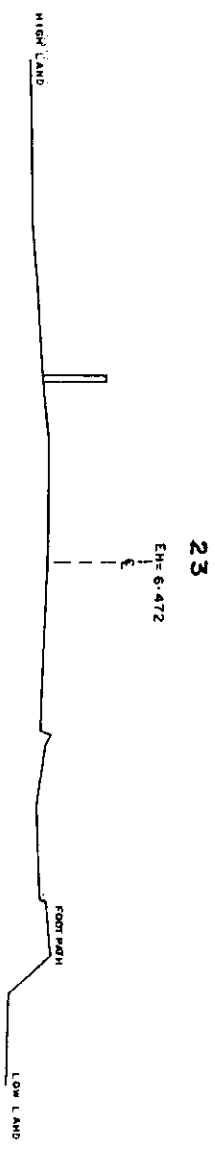
DL=0.00m



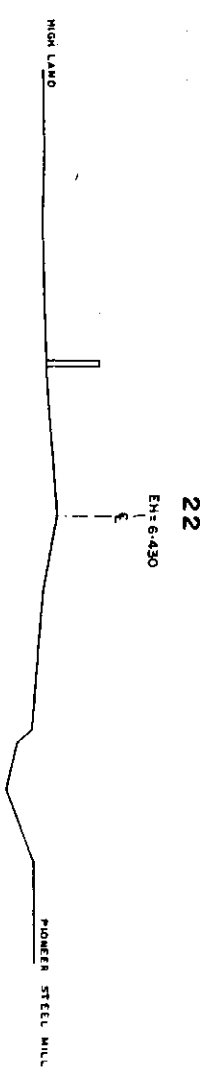
DL=0.00m



DL=0.00m



DL=0.00m

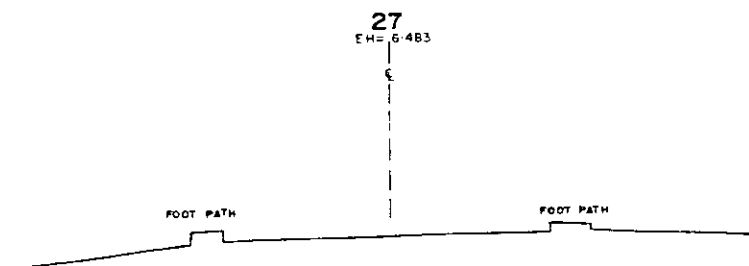


DL=0.00m

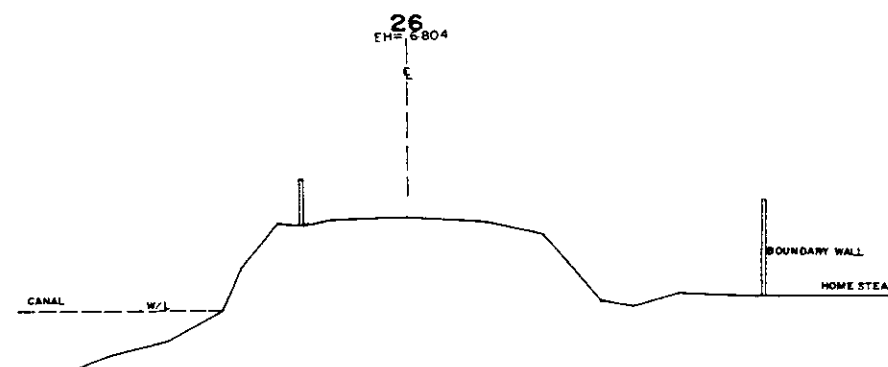
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING DND EMBANKMENT (I)			
CROSS SECTION			
CHASRA-CHINA BRIDGE	SCALE	DATE	
DWG. NO.	EED(II)/C-5	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

281

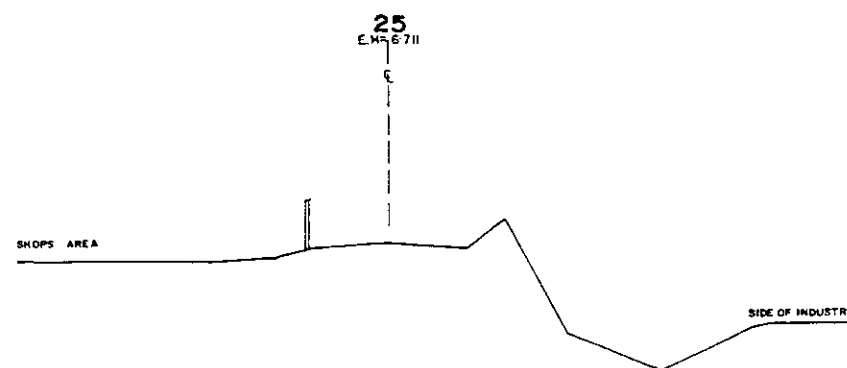
২২৭



DL=0.00m.



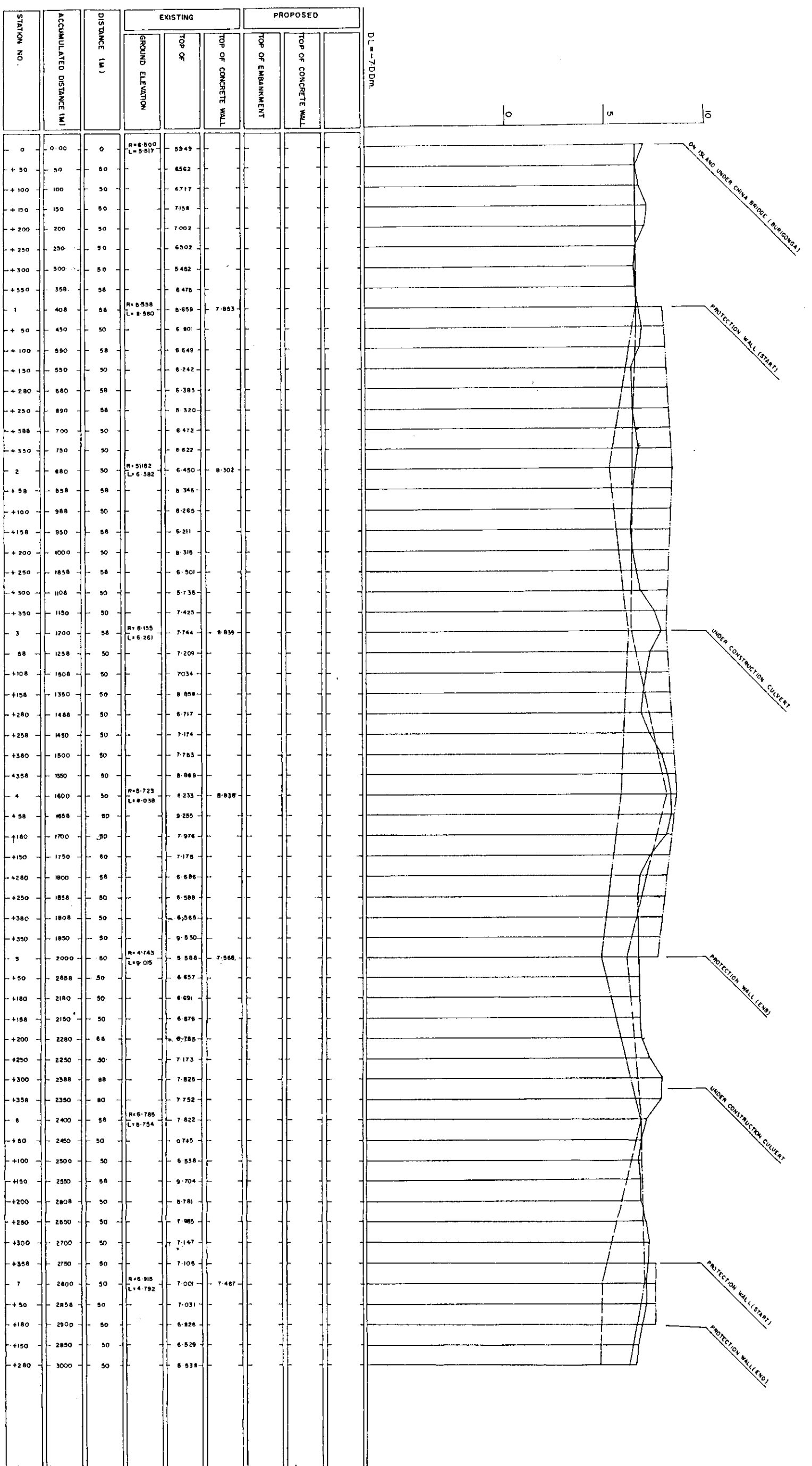
DL=0.00m.



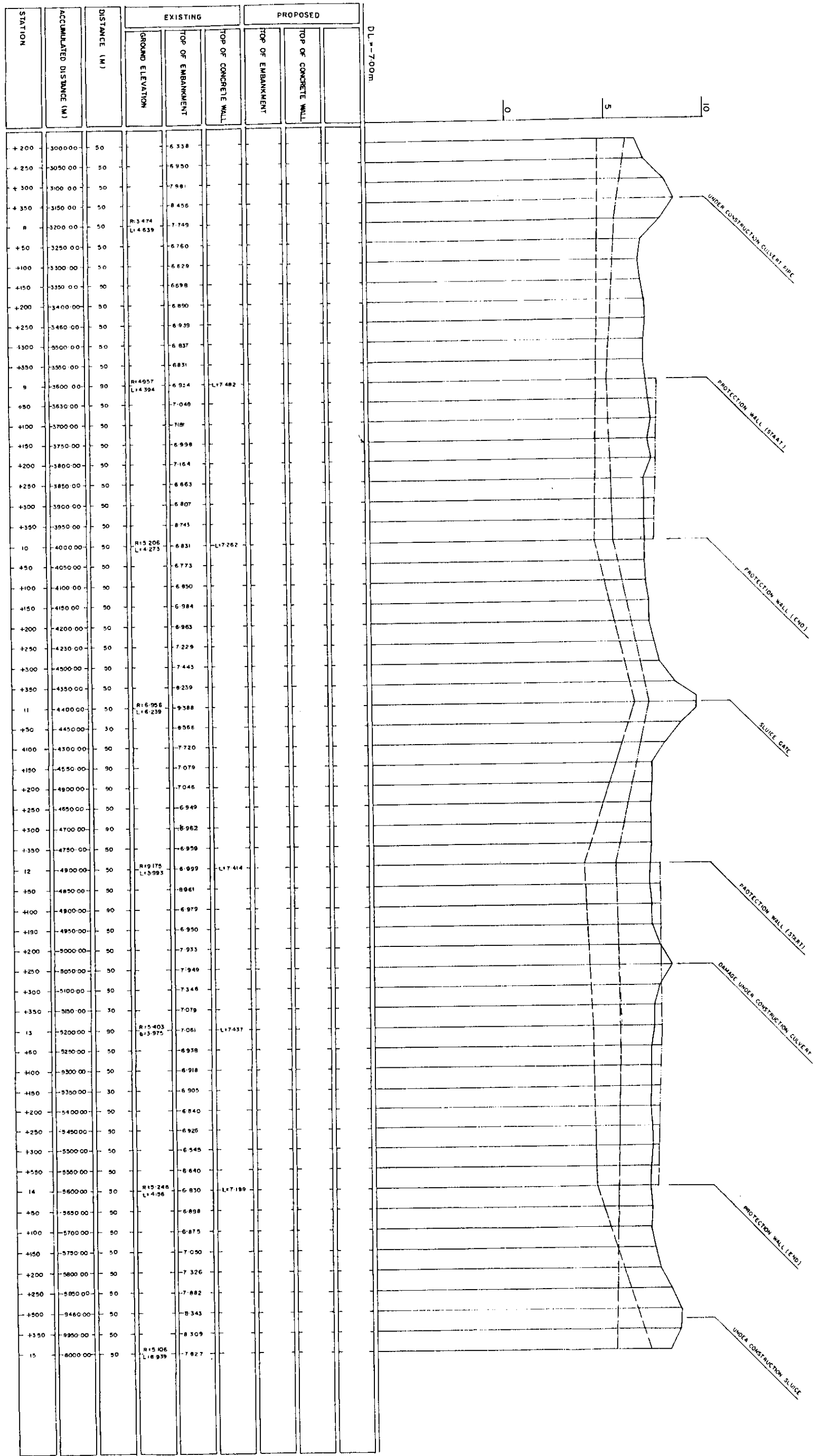
DL=0.00m.

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA EXISTING DND EMBANKMENT(I) CROSS SECTION		
CHASRA-CHINA BRIDGE	SCALE	H=1:200 V=1:100
DWG NO. EED(I) C-6	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

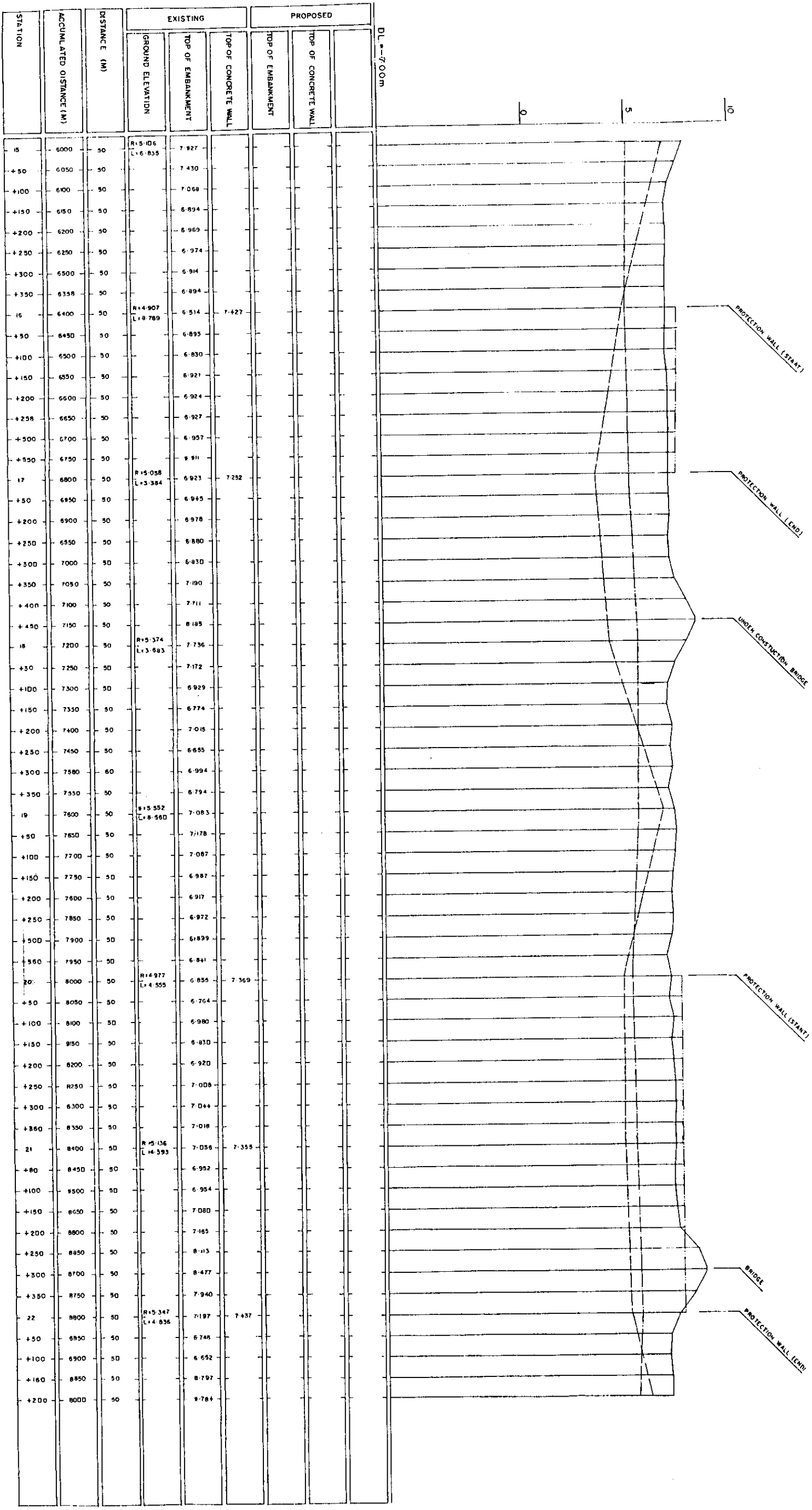
2060



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT
TOP OF PROTECTION WALL



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT
TOP OF CONCRETE WALL



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
LEFT
RIGHT
TOP OF PROTECTION WALL

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. BA
DHAKA METROPOLITAN AREA
EXISTING DND EMBANKMENT (2)
LONG - SECTION
CHINA BRIDGE-HARBOR SCALE H+1.5000
V+1.000
DWG. NO. EEDK2/L-3 DATE JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY

0
5
10

DL = 7.00m.

STATION	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSE		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	
+200	9000	50		6.764				
+250	9050	50		6.723				
+300	9100	50		6.748				
+350	9150	50		6.800				
+400	9200	50	R=5.106 L=6.728	6.755				
+450	9250	50		6.785				
+500	9300	50		6.882				
+550	9350	50		6.890				
+600	9400	50		6.841				
+650	9450	50		6.505				
+700	9500	50		6.837				
+750	9530	50		6.599				
+800	9600	50	R=5.111 L=6.576	6.666				
+850	9650	50		6.712				
+900	9700	50		6.610				
+950	9750	50		6.714				
+1000	9800	50		6.709				
+1050	9850	50		6.535				
+1100	9900	50		6.534				
+1150	9950	50		6.480				
+1200	10000	50	R=5.128 L=7.966	6.503	7.299			
+1250	10050	50		6.655				
+1300	10100	50		6.855				
+1350	10150	50		6.899				
+1400	10200	50		7.555				
+1450	10250	50		7.802				
+1500	10300	50		7.235				
+1550	10350	50		7.045				
+1600	10400	50	R=5.247 L=8.402	6.705	7.517			
+1650	10450	50		6.615				
+1700	10500	50		6.435				
+1750	10550	50		9.301				
+1800	10600	50		6.274				
+1850	10650	50		6.452				
+1900	10700	50		6.477				
+1950	10750	50		8.448				
+2000	10800	50	R=4.884 L=4.517	6.557	7.364			
+2050	10850	50		6.720				
+2100	10900	50		6.805				
+2150	10950	50		6.868				
+2200	11000	50		6.516				
+2250	11050	50		6.888				
+2300	11100	50		9.918				
+2350	11150	50		5.945				
+2400	11200	50	R=5.079 L=9.259	6.660	7.509			
+2450	11250	50		4.444				
+2500	11300	50		6.805				
+2550	11350	50		6.838				
+2600	11400	50		6.815				
+2650	11450	50		6.544				
+2700	11500	50		6.742				
+2750	11550	50		6.943				
+2800	11600	50	R=5.185 L=7.174	7.202				
+2850	11650	50		7.626				
+2900	11700	50		8.182				
+2950	11750	50		6.823				
+3000	11800	50		6.218				
+3050	11850	50		7.442				
+3100	11900	50		7.021				
+3150	11950	50		6.649				
+3200	12000	50	R=5.250 L=6.891	6.632				

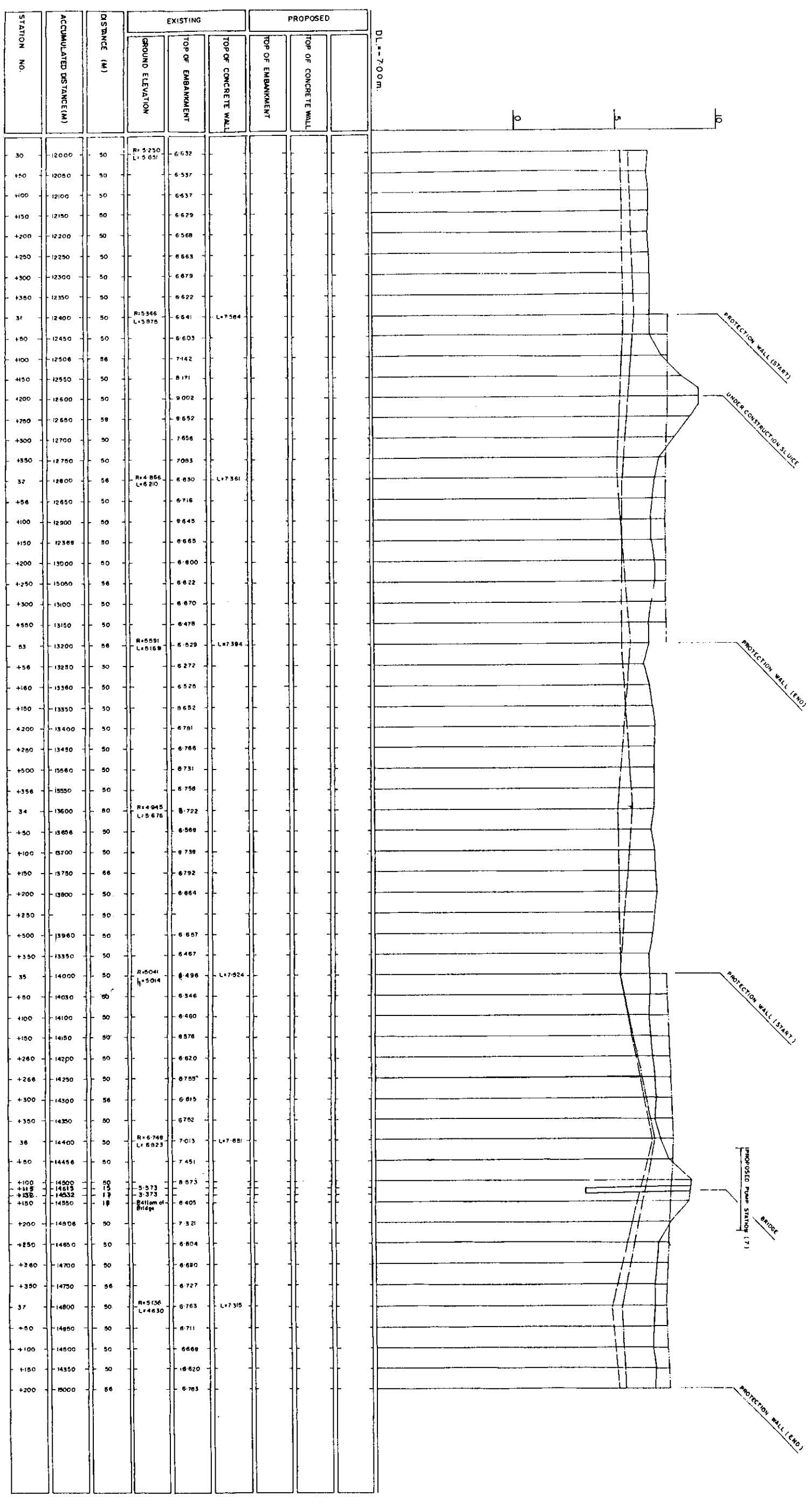
PROTECTION WALL (START)

UNDER CONSTRUCTION
SLUICE GATE

PROTECTION WALL (END)

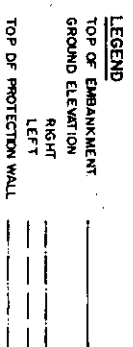
CANAL (N-1)
PROPOSED PUMP STATION (R)
UNDER CONSTRUCTION SLUICE

LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT
TOP OF PROTECTION WALL

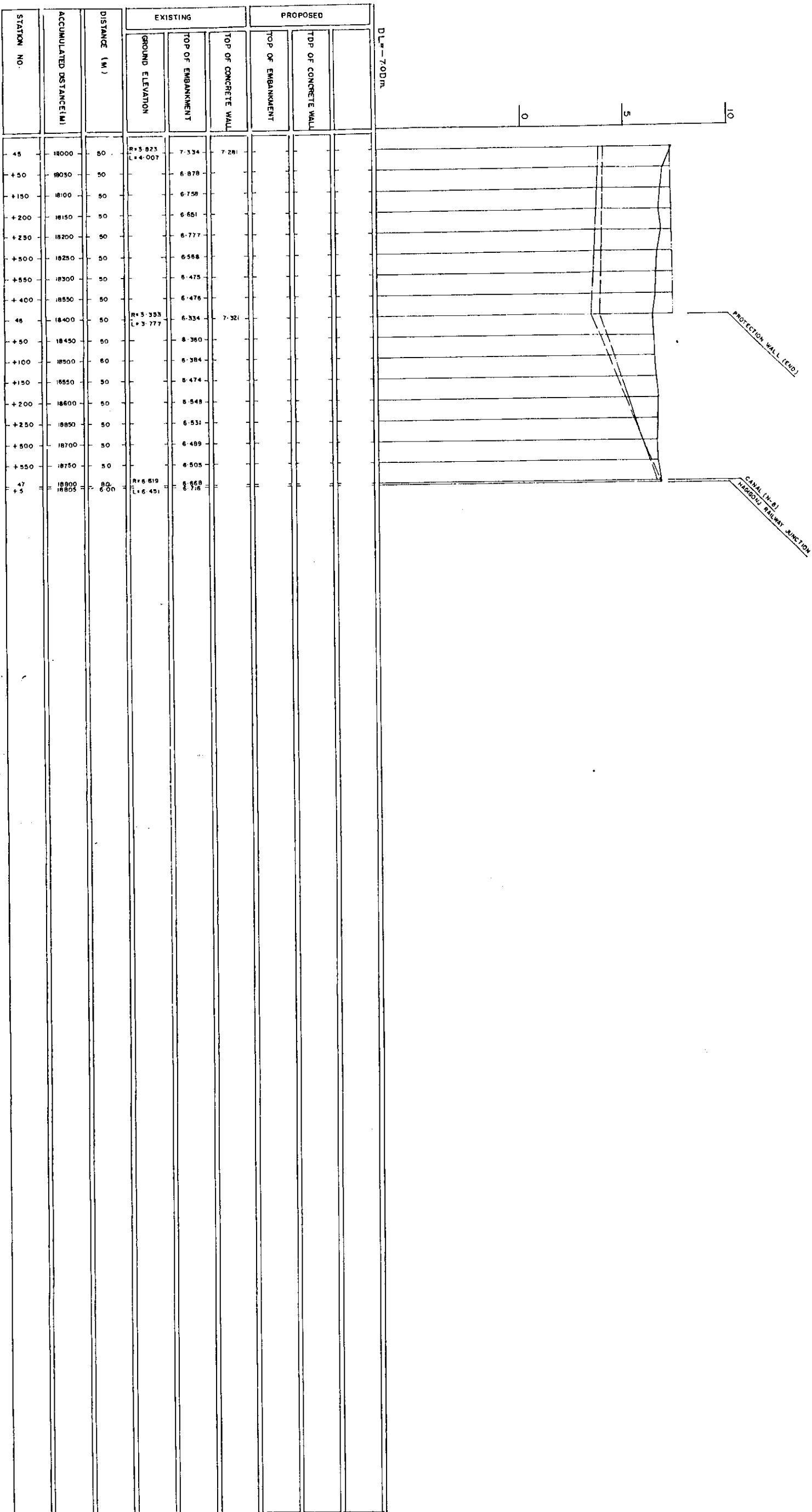


LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT
TOP OF PROTECTION WALL

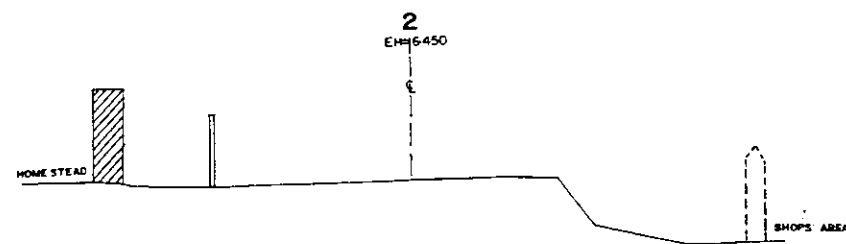
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A
DHAKA METROPOLITAN AREA
EXISTING DND EMBANKMENT (A2)
LONG-SECTION
CHINA BRIDGE-HAGIGONJ SCALE 1:1,500
DATE JUNE 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY



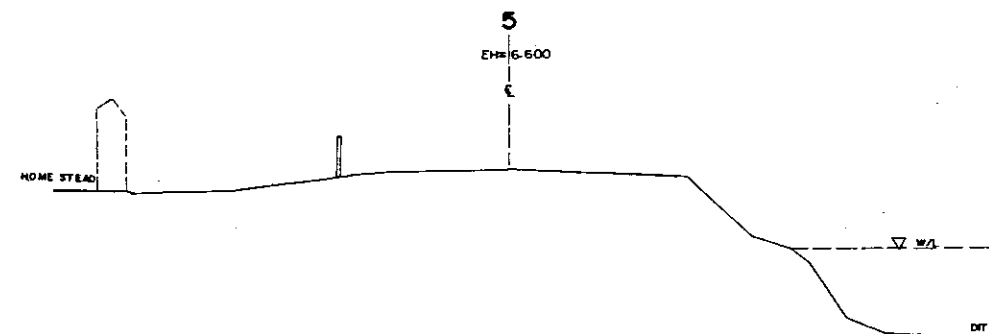
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA A		
EXISTING DND EMBANKMENT (2)		
LONG-SECTION		
CHINA BRIDGE-HANGKONG	SCALE	MT. 1:500
DWG NO	EE02/1/L-6	DATE
		JUNE/1991



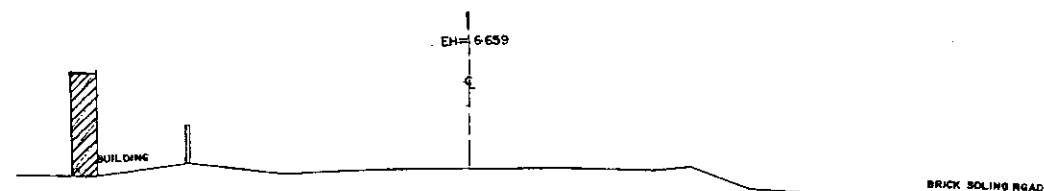
LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT
TOP OF PROTECTION WALL



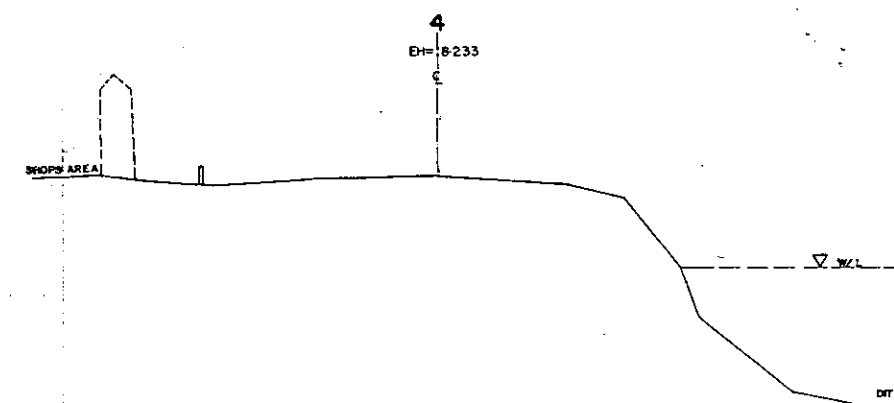
DL=0.00m.



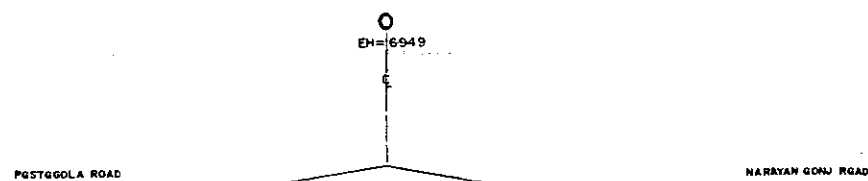
DL=0.00m.



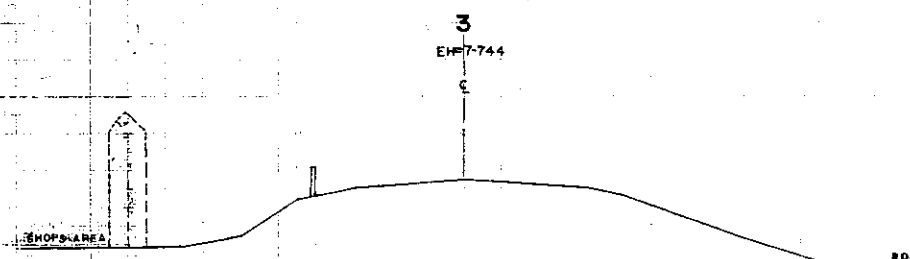
DL=0.00m.



DL=0.00m.

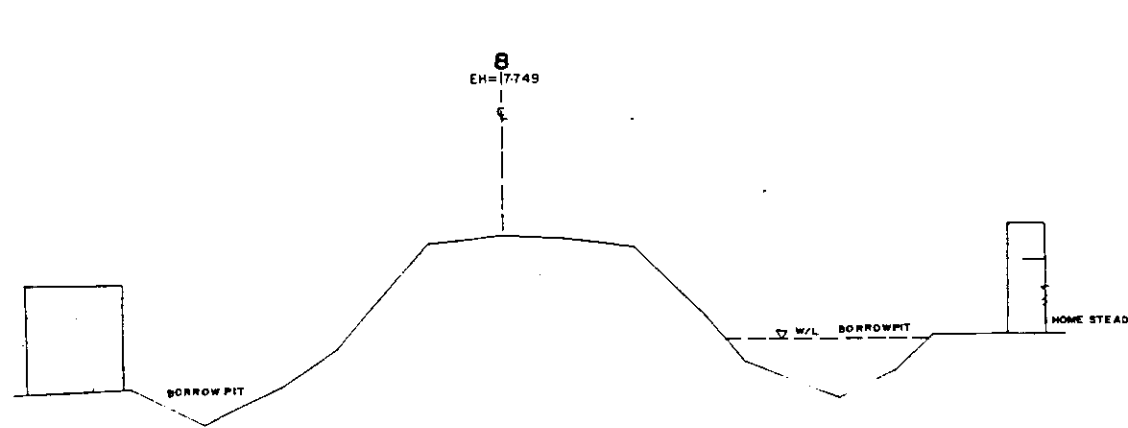


DL=0.00m.

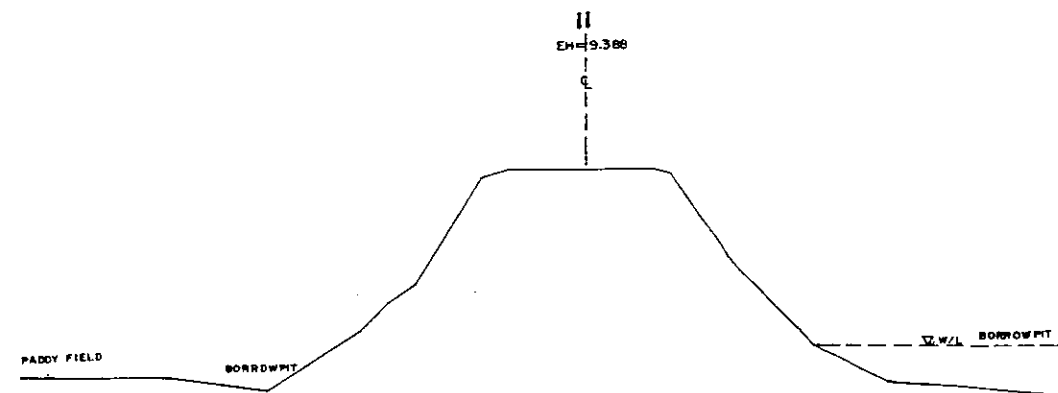


DL=0.00m.

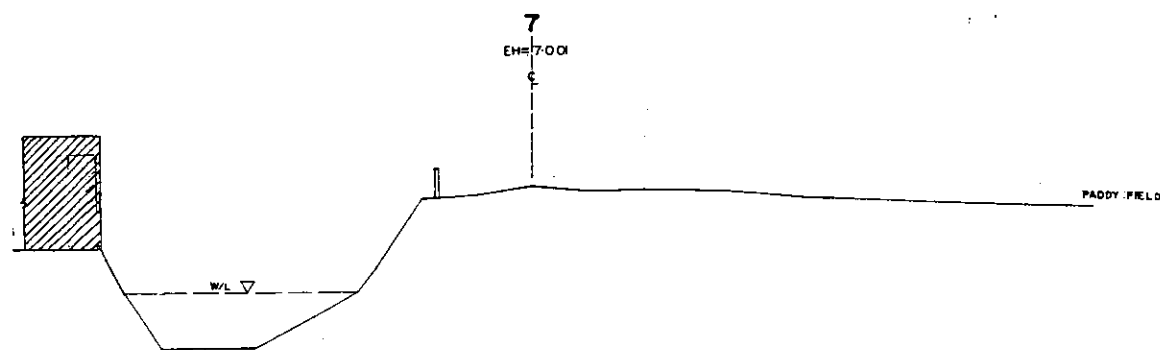
GREATER DHAKA PROTECTION PROJECT			
-STUDY IN-DHAKA METROPOLITAN AREA-			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING DND EMBANKMENT(2)			
CROSS SECTION			
CHINA BRIDGE-HAGIGONJ	SCALE	H=1:200	V=1:100
DWG. NO.	EED(2)/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



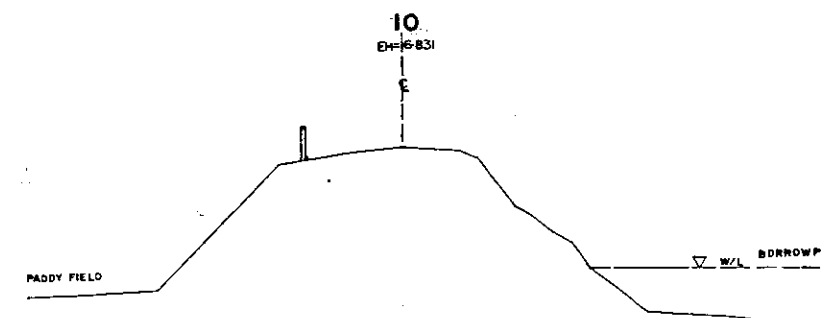
DL=0.00m.



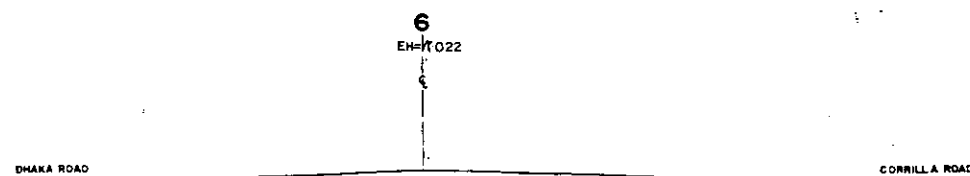
DL=0.00m.



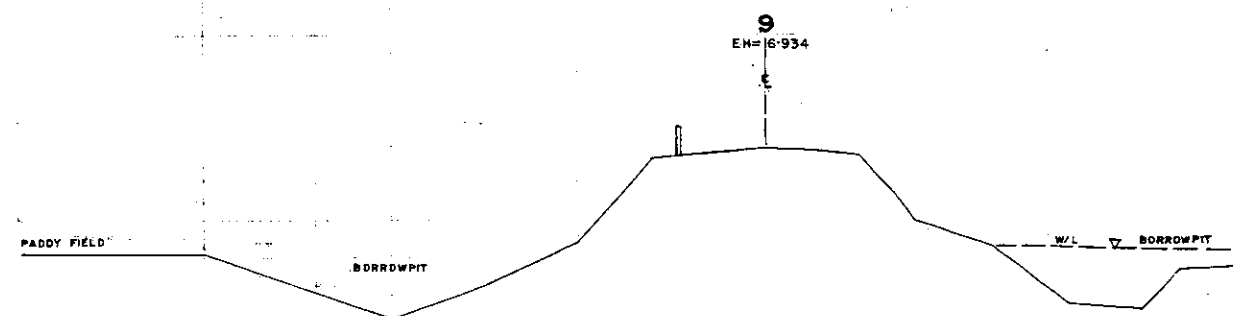
DL=0.00m.



DL=0.00m.

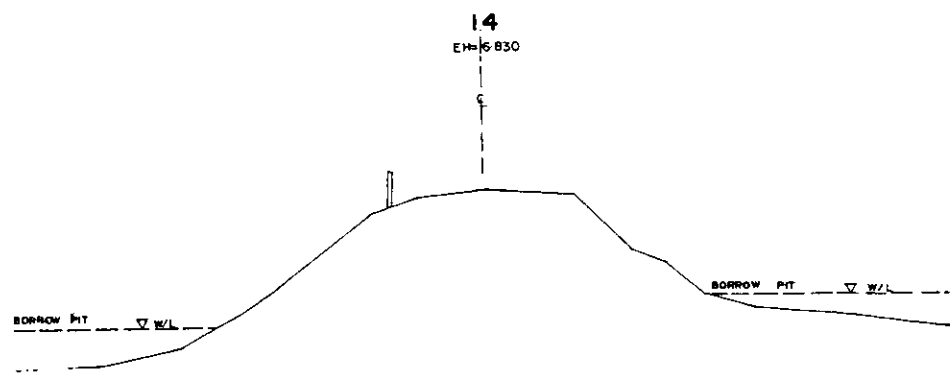


DL=0.00m.

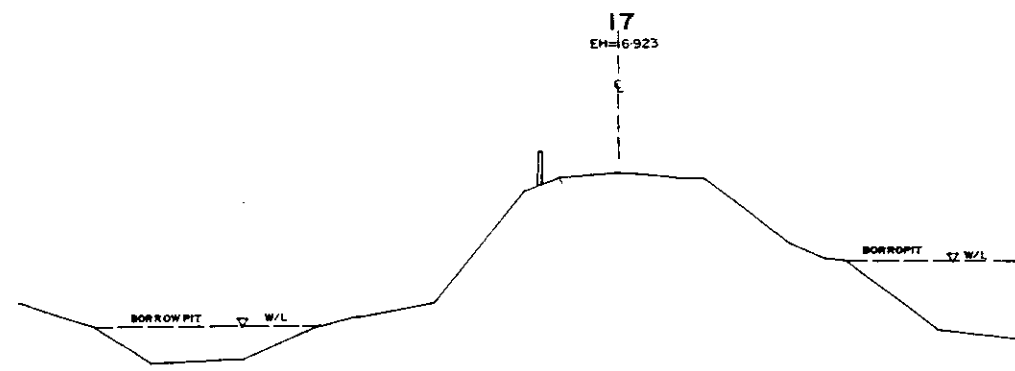


DL=0.00m.

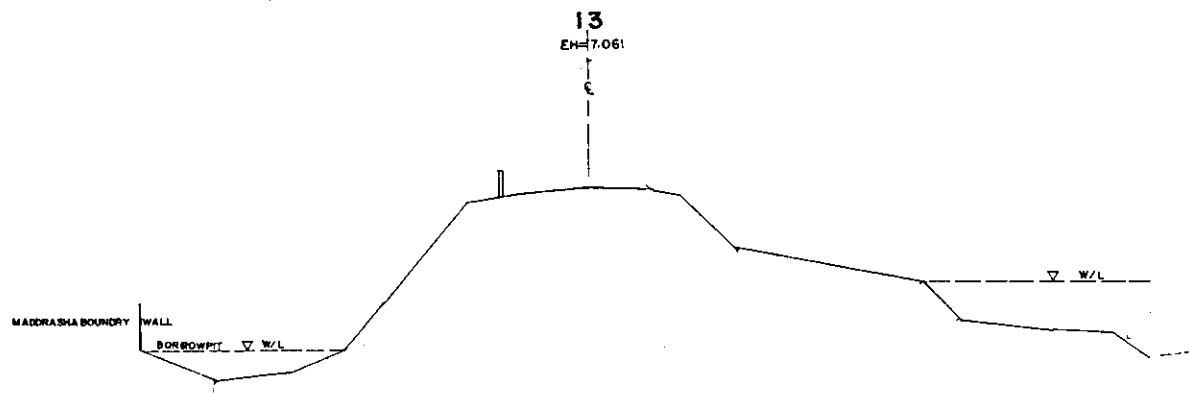
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA-METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING AND EMBANKMENT(2)			
CROSS-SECTION			
CHINA BRIDGE- HAGIGONJ.	SCALE	H=1:200	V=1:100
DWG. NO. EED(2)/C-2	DATE	JUNE, 1993	
JAPAN INTERNATIONAL CO OPERATION AGENCY			



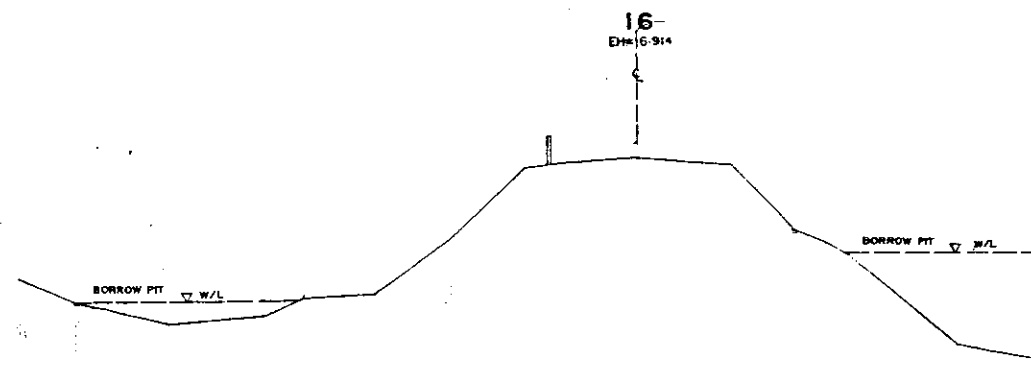
DL=0.00m



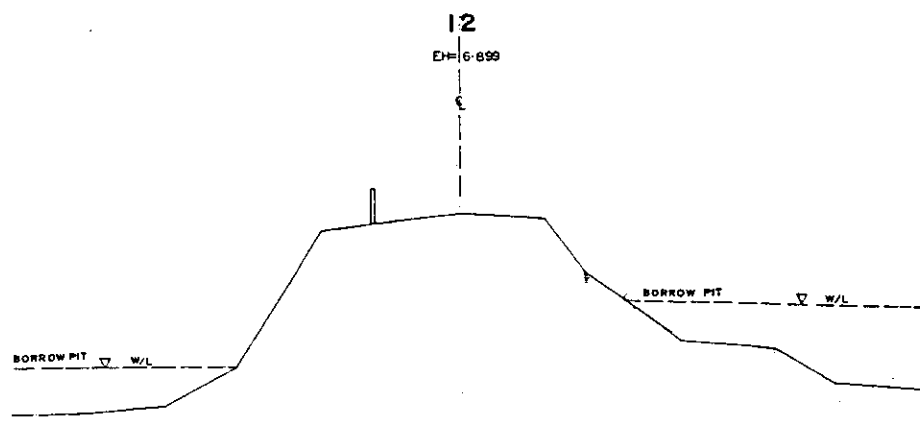
DL=0.00m



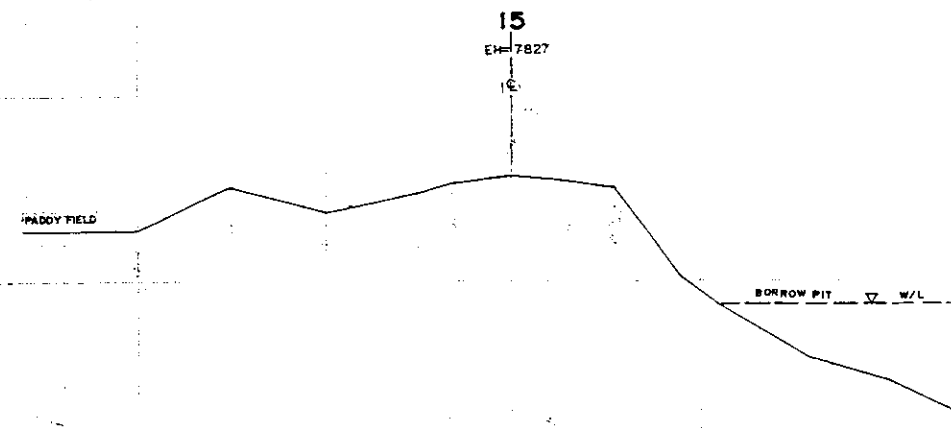
DL=0.00m



DL=0.00m

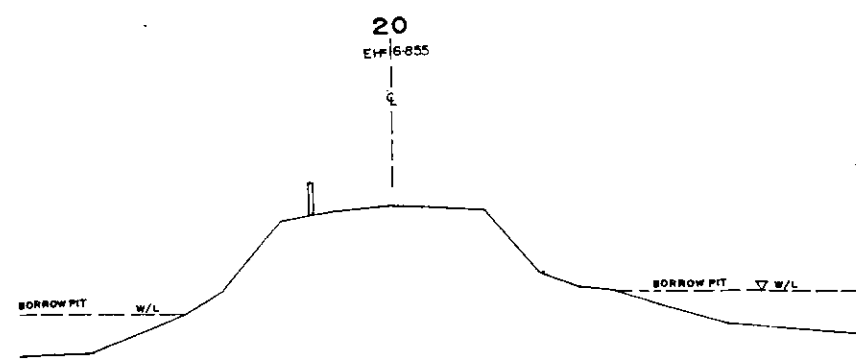


DL=0.00m

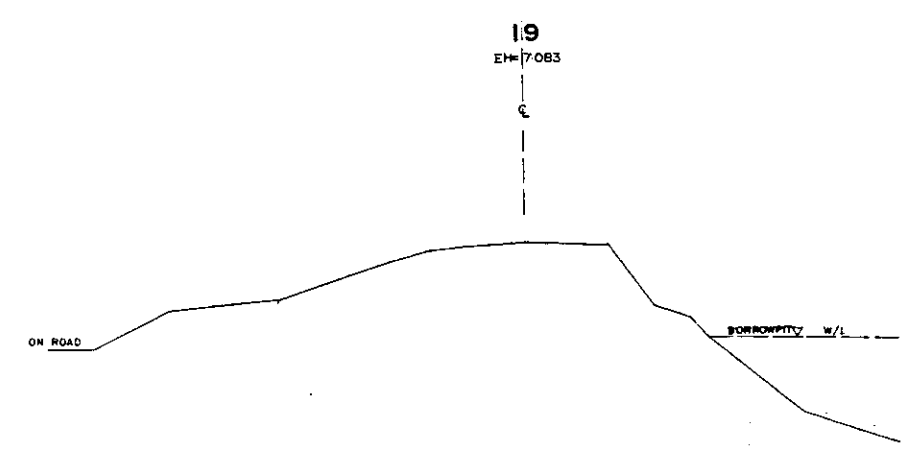


DL=0.00m

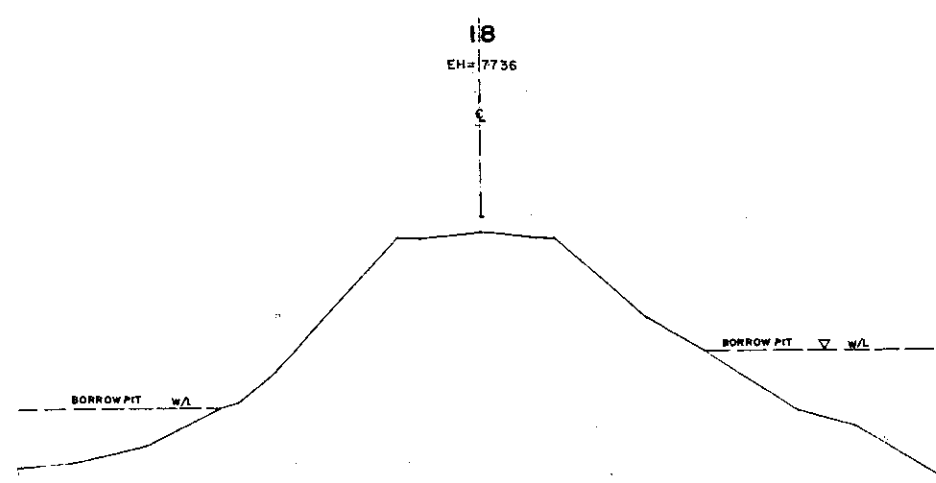
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING DND EMBANKMENT(2)			
CROSS SECTION			
CHINA BRIDGE - HAGIGONJ		SCALE	H=1:200 V=1:10.0
DWG. NO.	EED(2)/C-3	DATE	JUNE 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



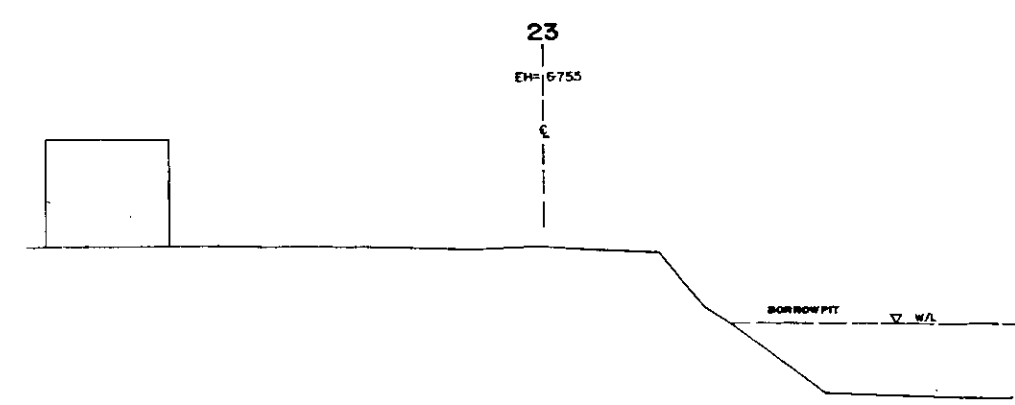
DL=0.00m.



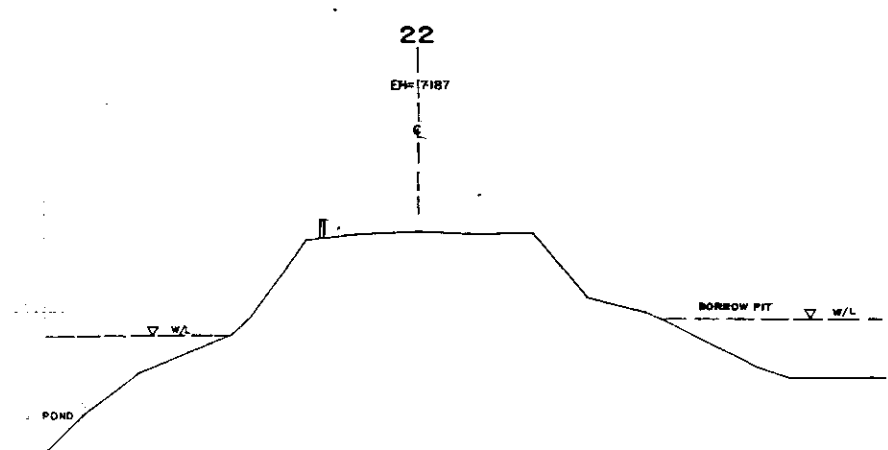
DL=0.00m.



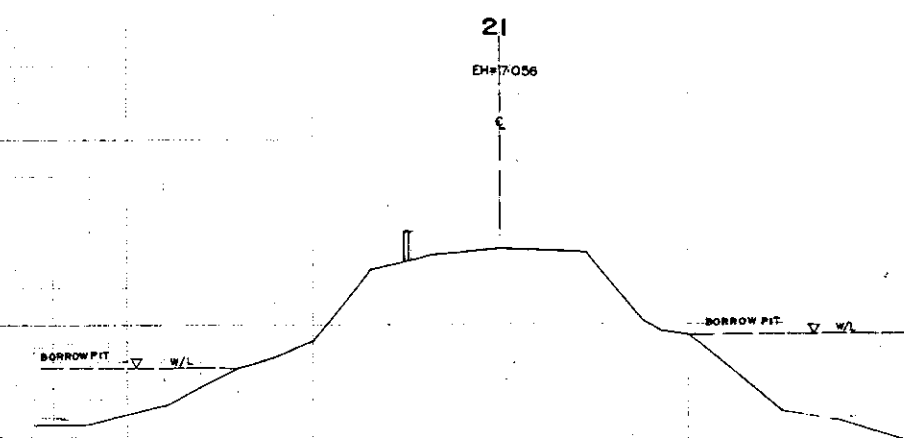
DL=0.00m.



DL=0.00m

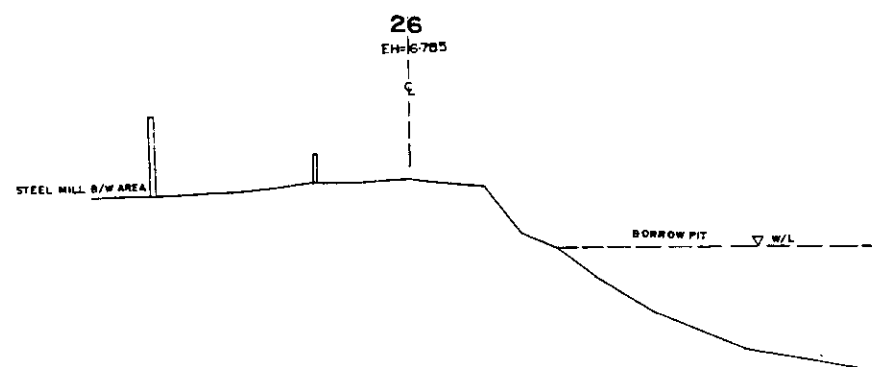


DL=0.00m.

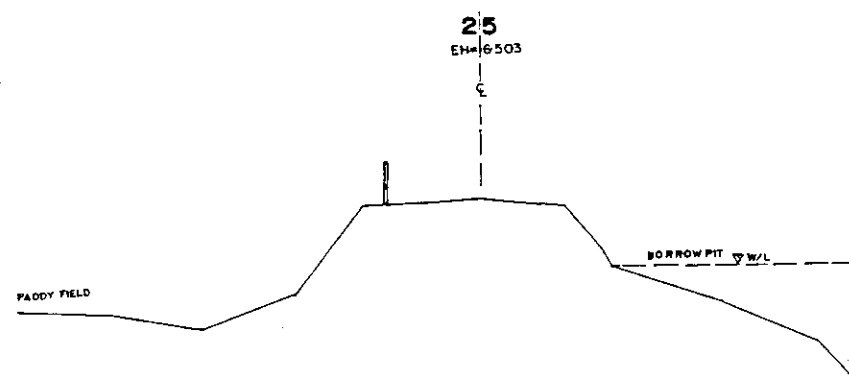


DL=0.00m.

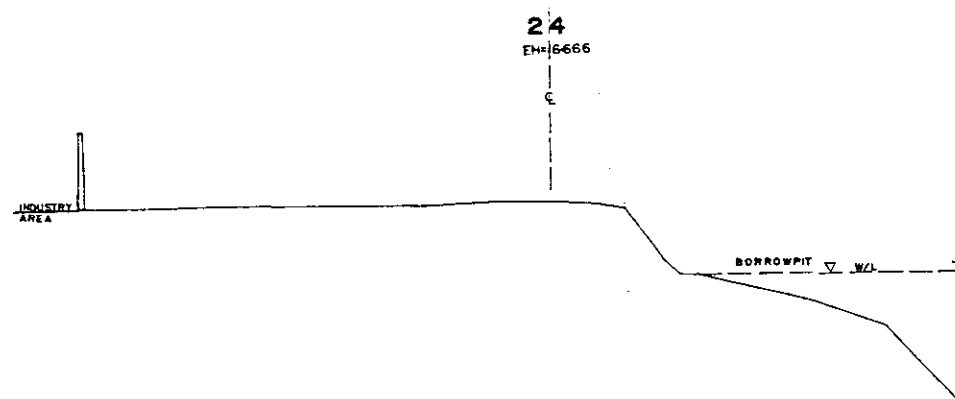
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING DND EMBANKMENT (2)			
CROSS SECTION			
CHINA BRIDGE-HAGIGONJ	SCALE	H=1:200	V=1:100
DWG. NO. EED(2)/C-4	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			



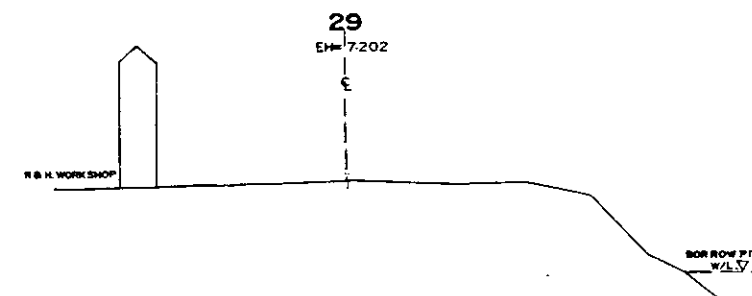
DL=0.00m.



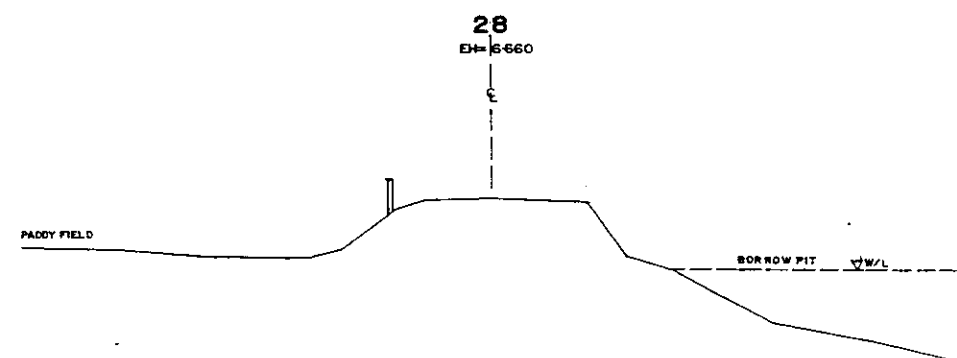
DL=0.00m.



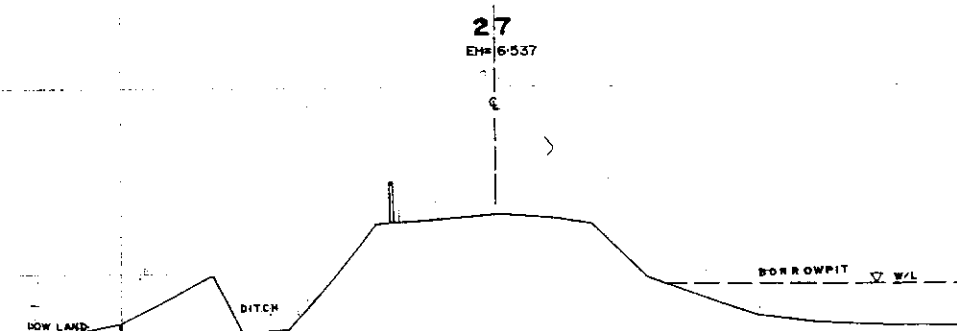
DL=0.00m



DL=0.00m.

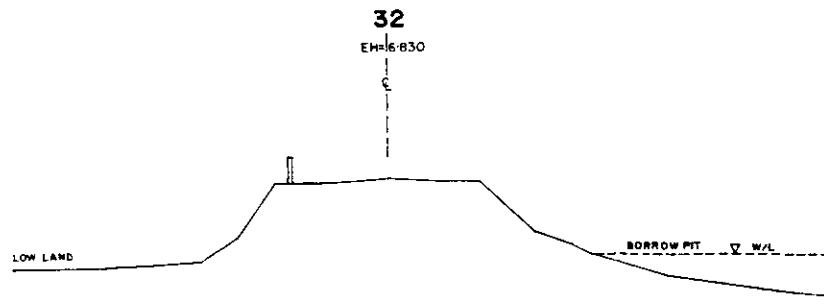


DL=0.00m

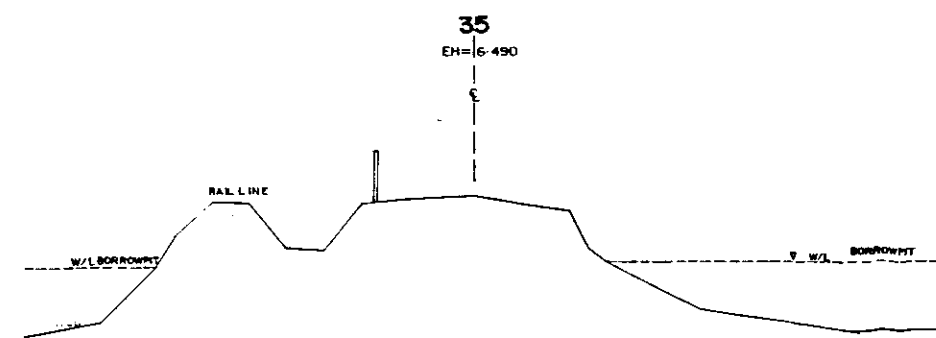


DL=0.00m

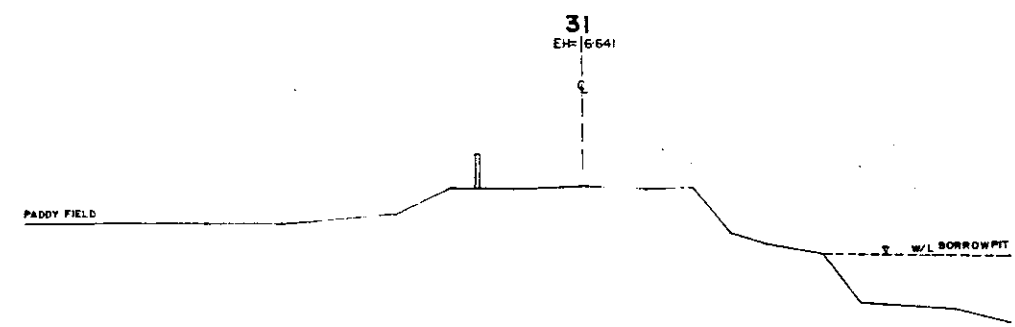
GREATER DHAKA PROTECTION PROJECT		
(STUDY-IN-DHAKA-METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING DND EMBANKMENT(2)		
CROSS-SECTION		
CHINA BRIDGE-HAGIGONJ	SCALE	H=1:200 V=1:100
DWG. NO. EED(2)/C-5	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		



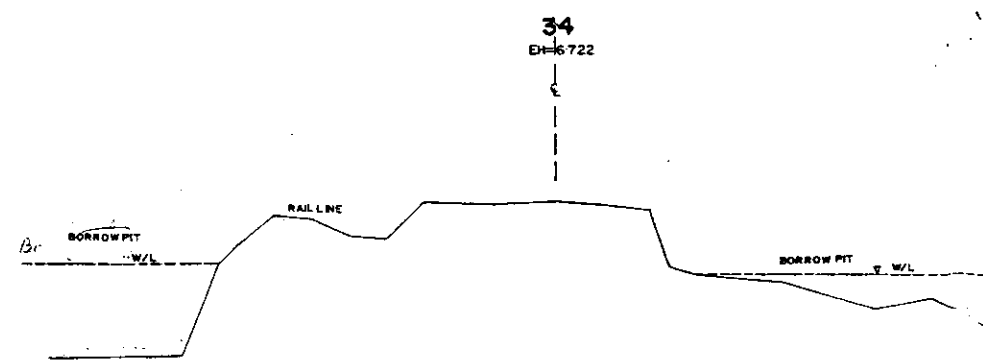
DL=0.00m



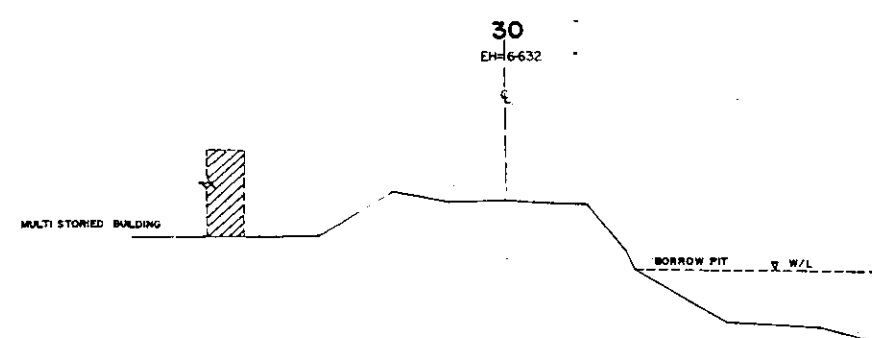
DL=0.00m



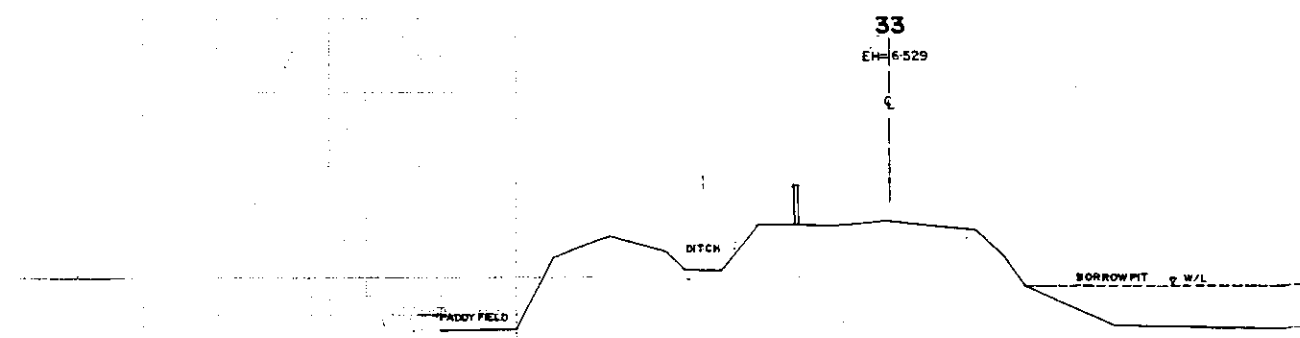
DL=0.00m



DL=0.00m



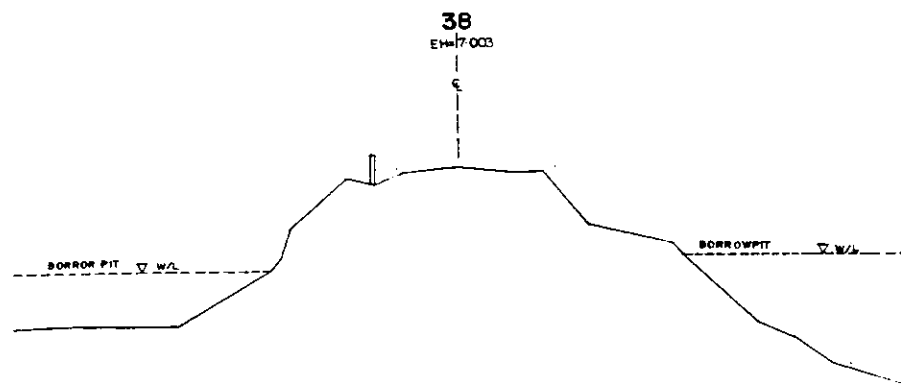
DL=0.00m



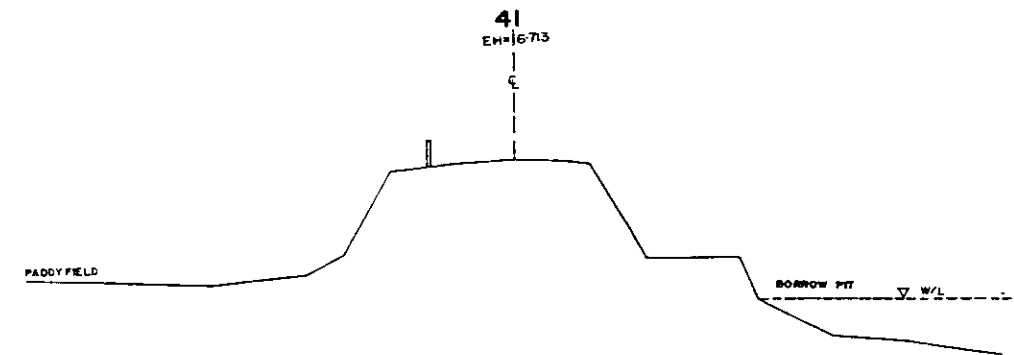
DL=0.00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN ND8A			
DHAKA METROPOLITAN AREA			
EXISTING DND EMBANKMENT(2)			
CROSS SECTION			
CHINA BRIDGE-HAGIGONJ	SCALE	H=1:200 V=1:100	
DWG. NO. EED(2)/C-6	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

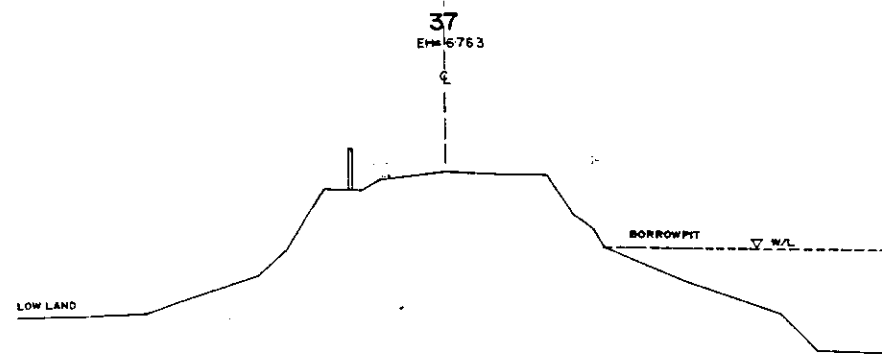
280



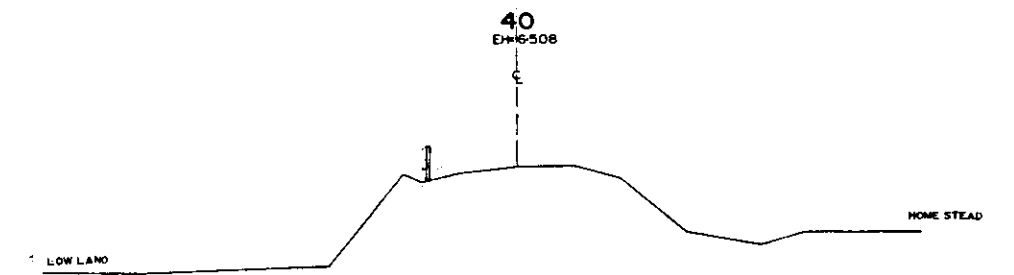
DL=0.00m.



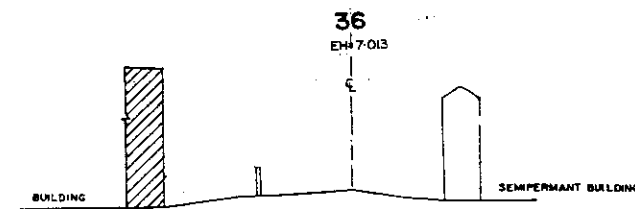
DL=0.00m.



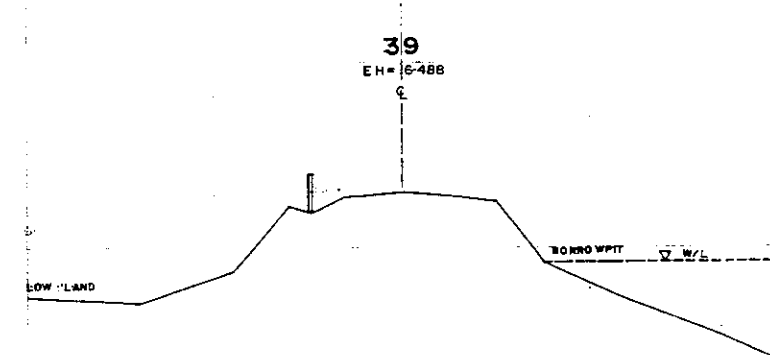
DL=0.00m.



DL=0.00m.



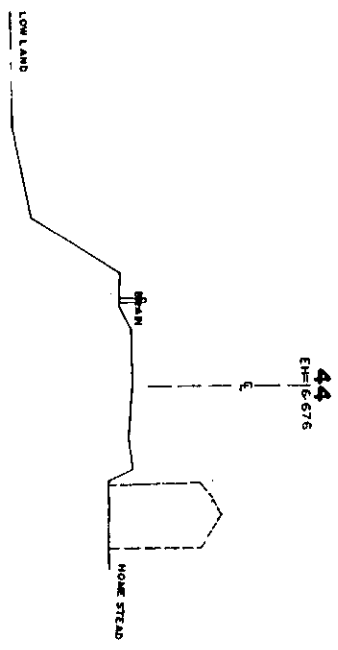
DL=0.00m.



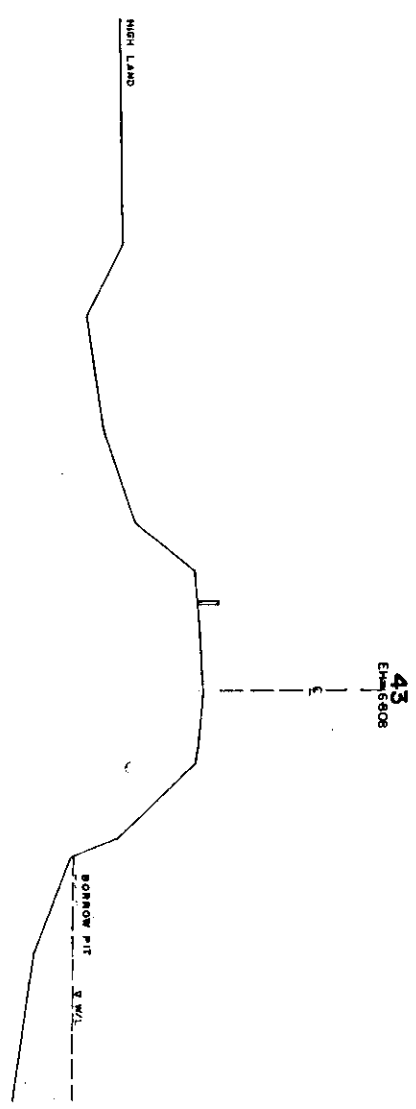
DL=0.00m.

GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
EXISTING DND EMBANKMENT (2)		
CROSS SECTION		
CHINA BRIDGE - HARBOR	SCALE	H=1:200 V=1:100
DWG. NO. 6602/C-7	DATE	JUNE-1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		

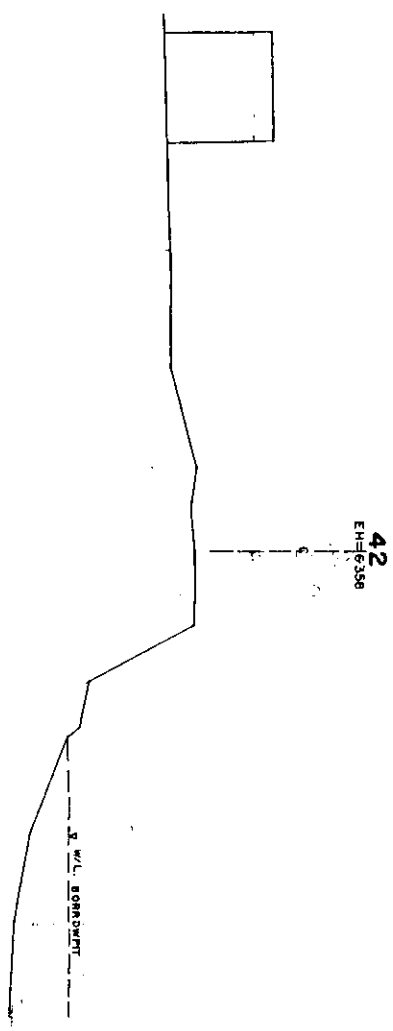
141



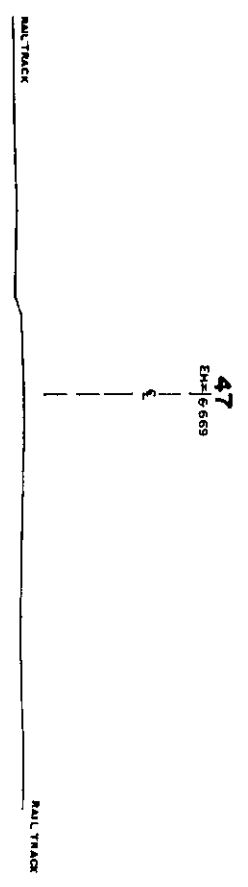
DLE-000m



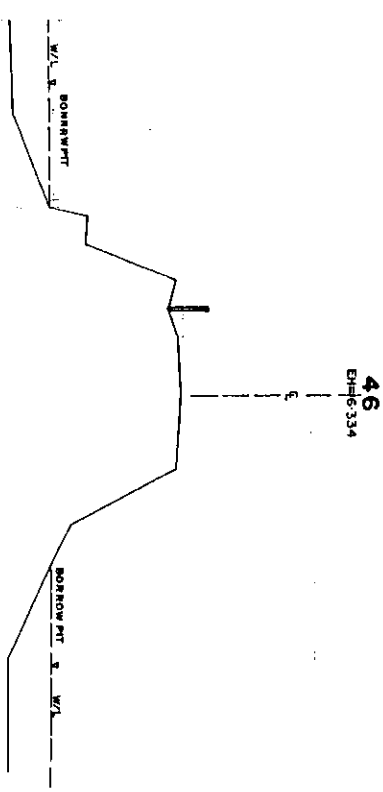
DLE-000m



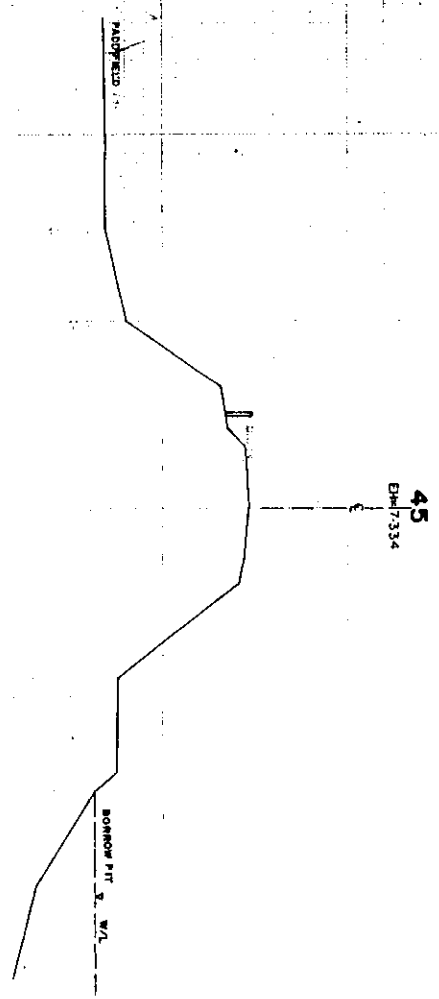
DLE-000m



DLE-000m

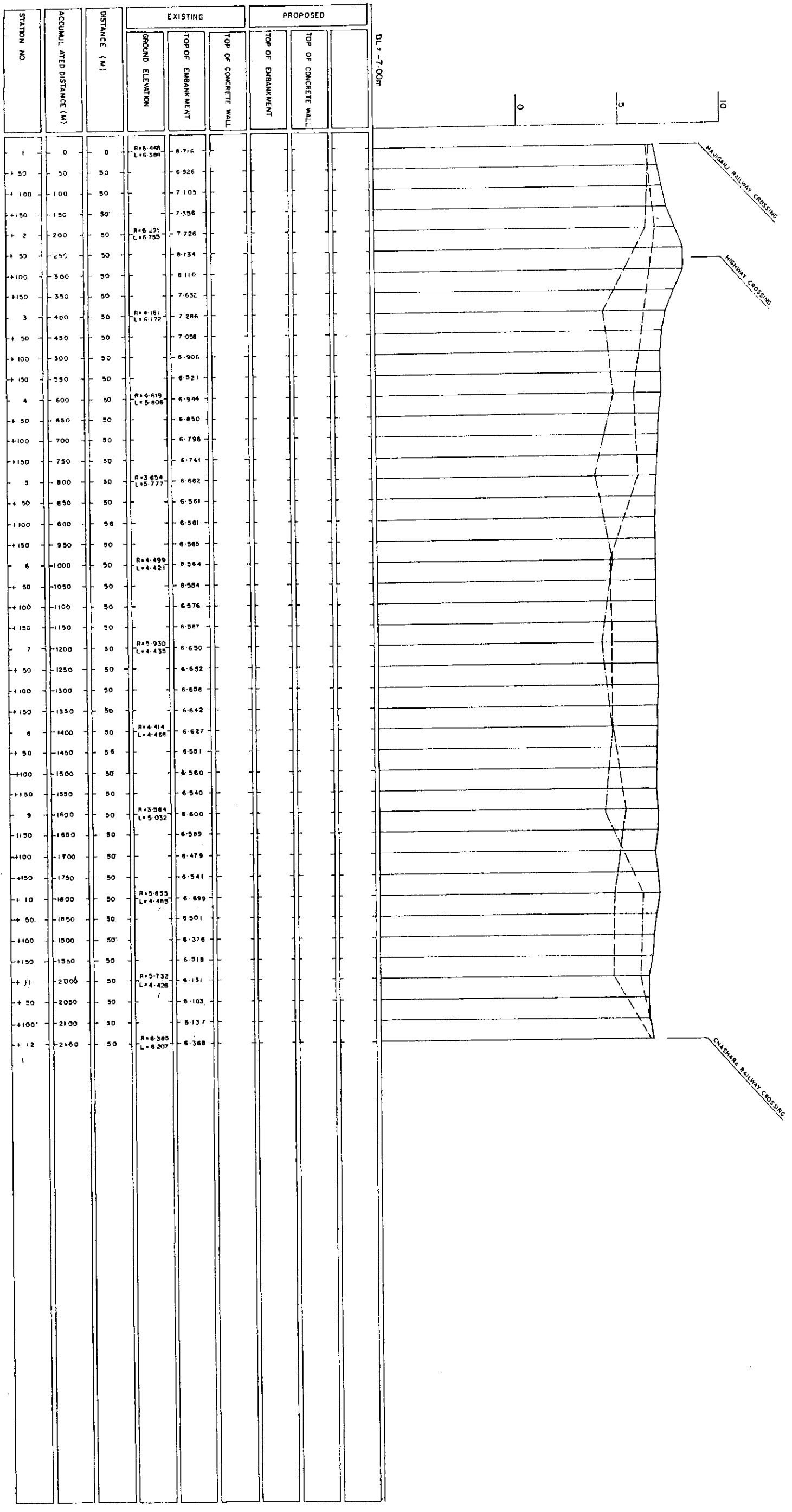


DLE-000m

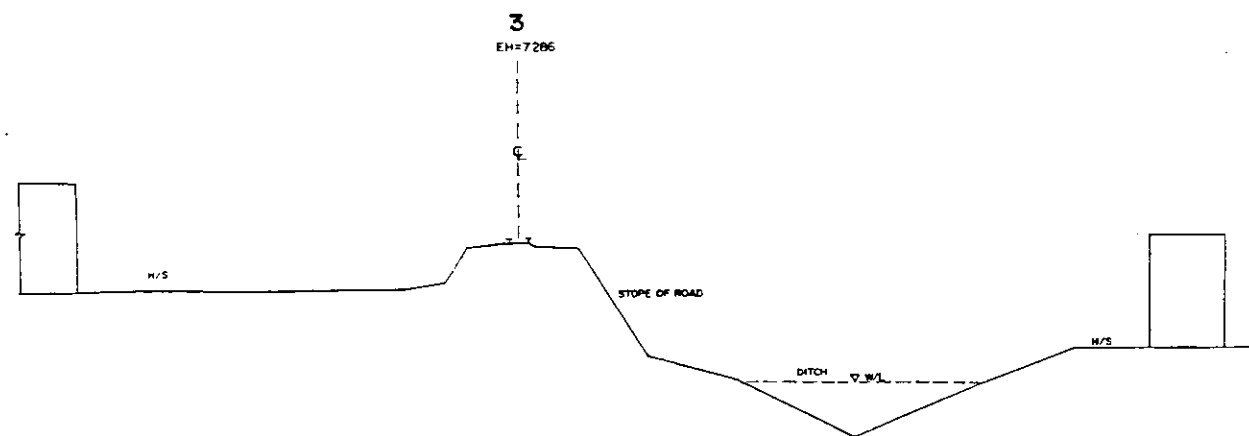


DLE-000m

GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING AND EMBANKMENT (2)			
CROSS SECTION			
CHINA BRIDGE - HARBOR - SCALE			
DWG. NO.	FEED 12/C-8	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

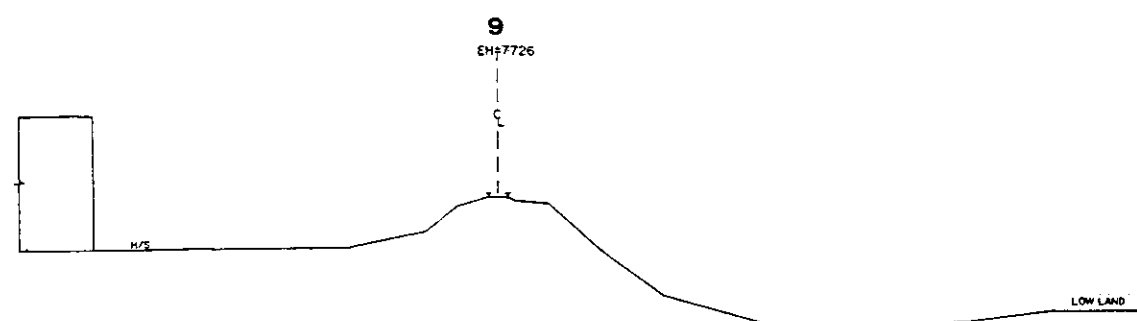
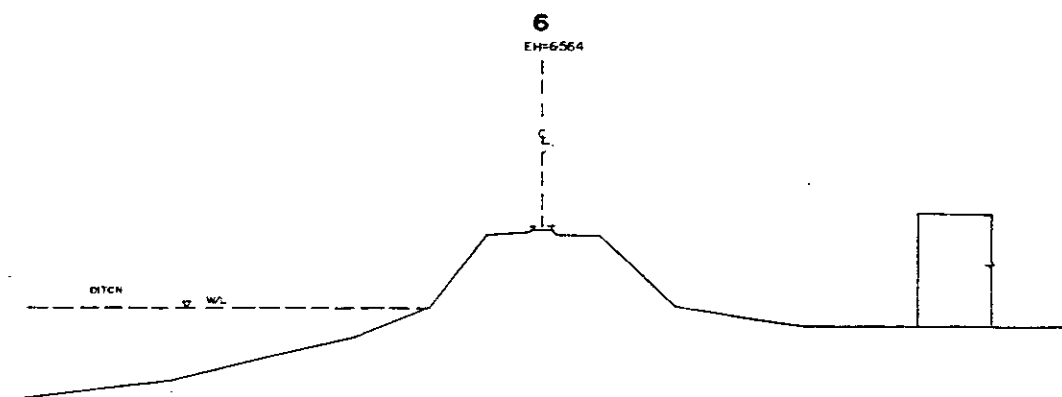


LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT



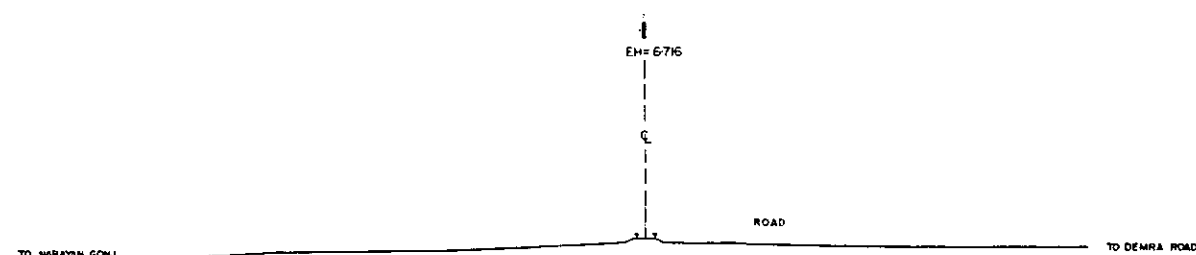
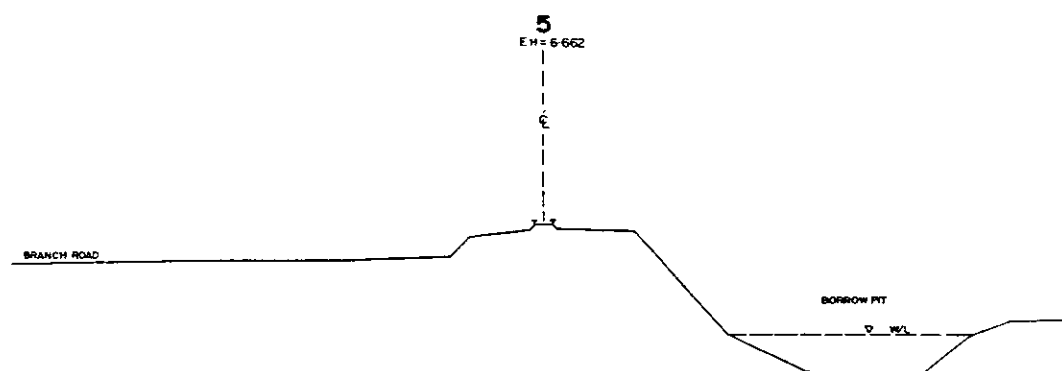
DL=0+00

DL=0+00



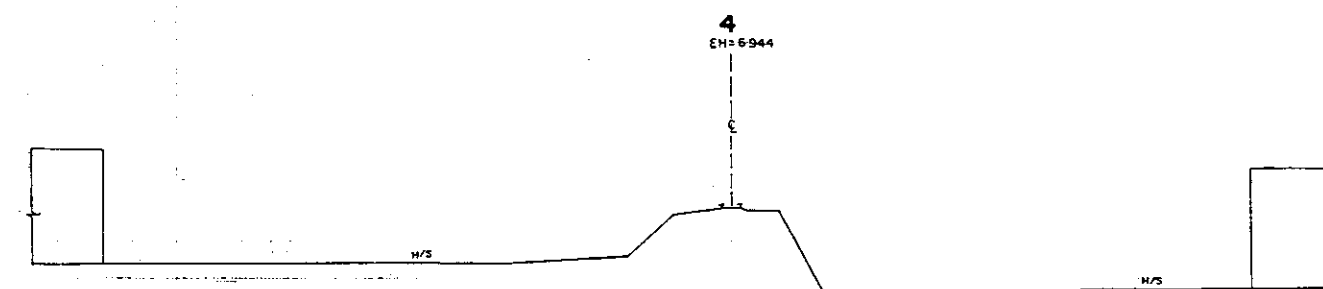
DL=0+00

DL=0+00

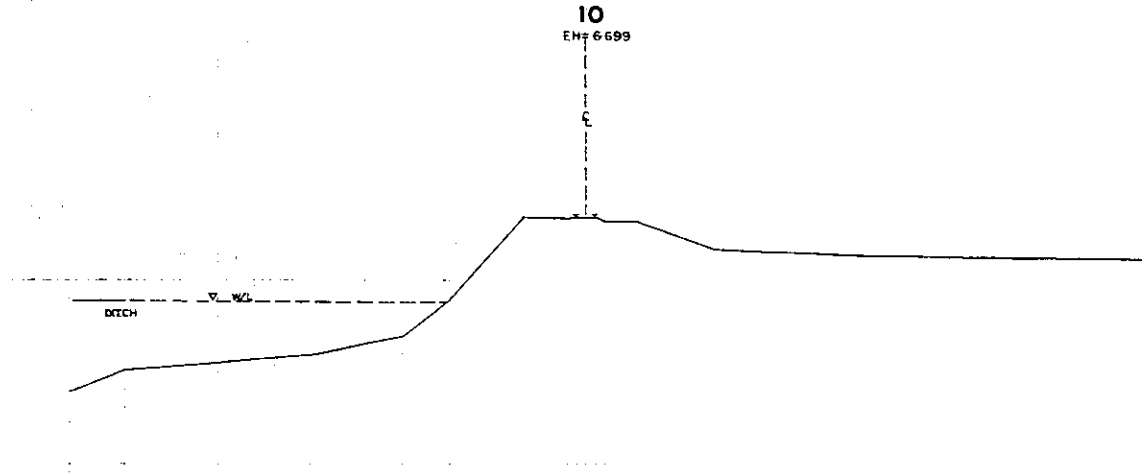
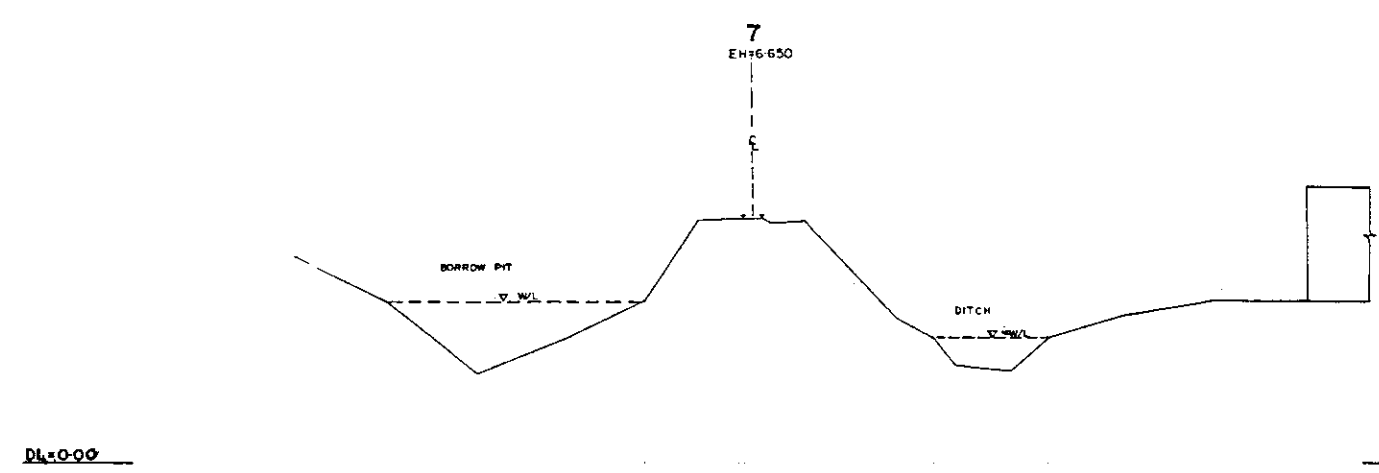
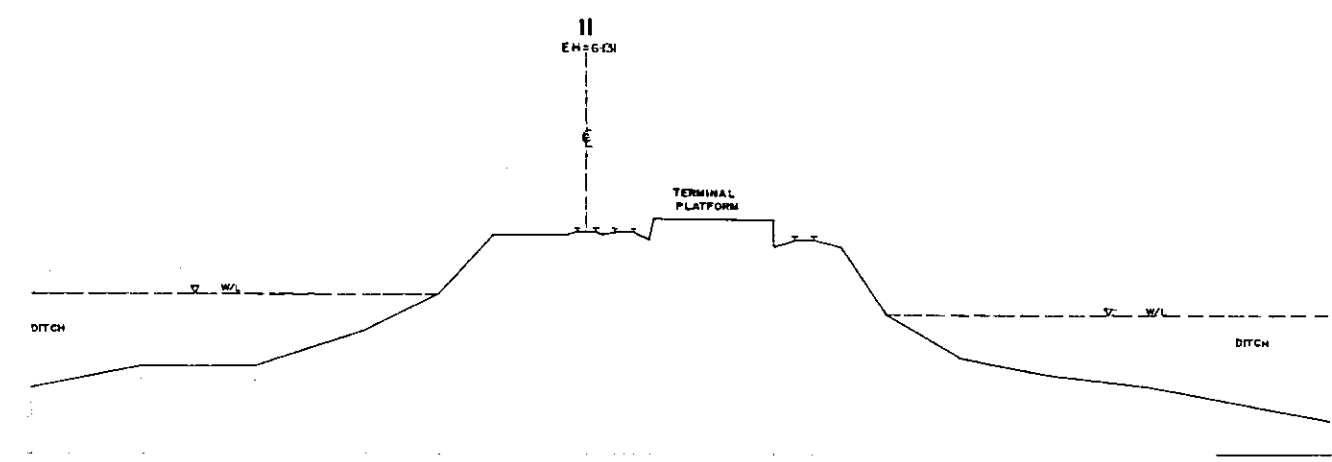
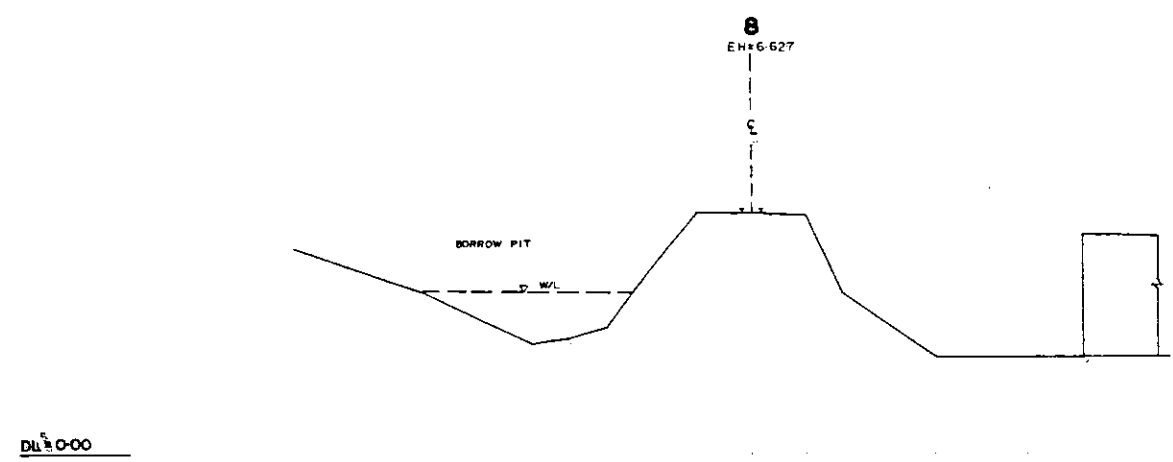
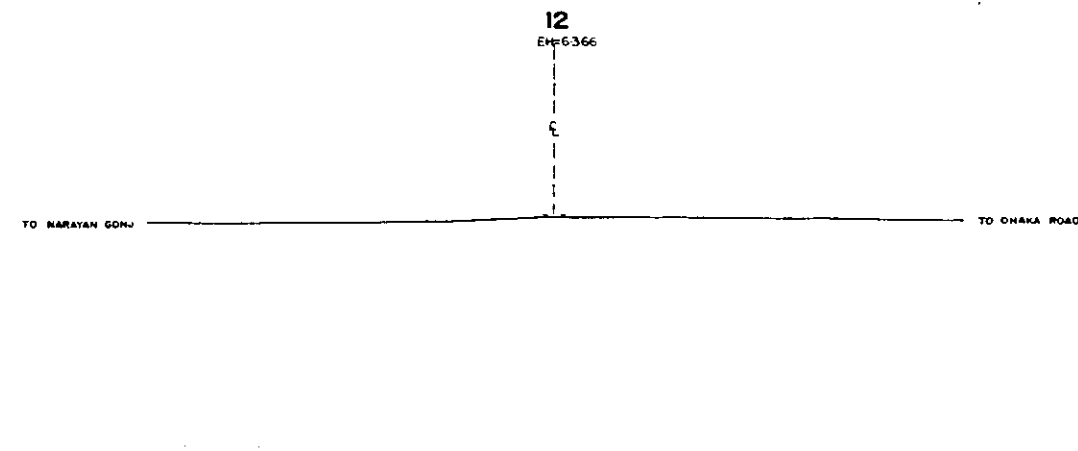
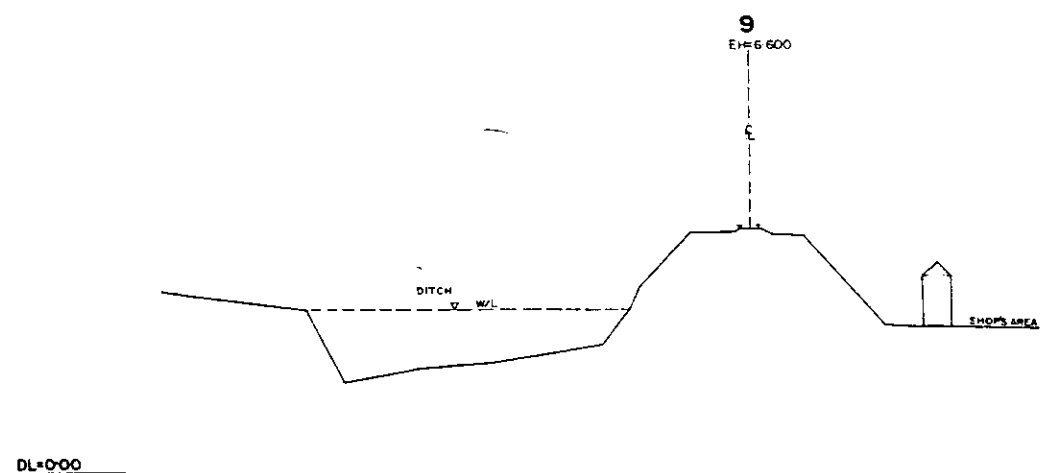


DL=0+00

DL=0+00



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING DND RAILWAY			
CROSS SECTION			
HAGIGONG-CHASARA	SCALE	H=1:200 V=1:100	
DWG NO.	ER D/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

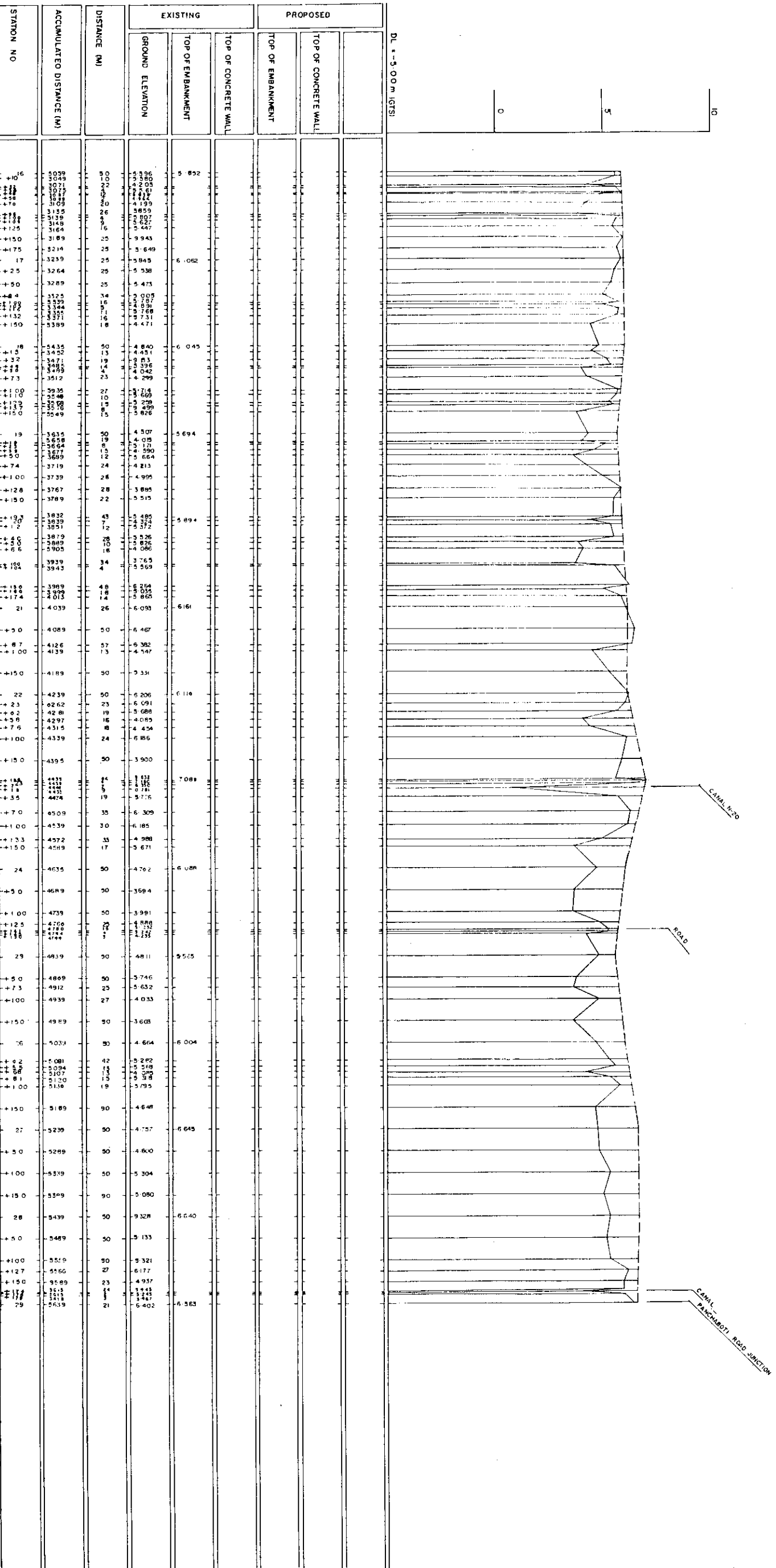


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
EXISTING DND RAILWAY			
CROSS SECTION			
HAGIGONG-CHASARA	SCALE	H=1:200	V=1:100
DWG NO	ERD/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

DL = 5.00 m (GTS)

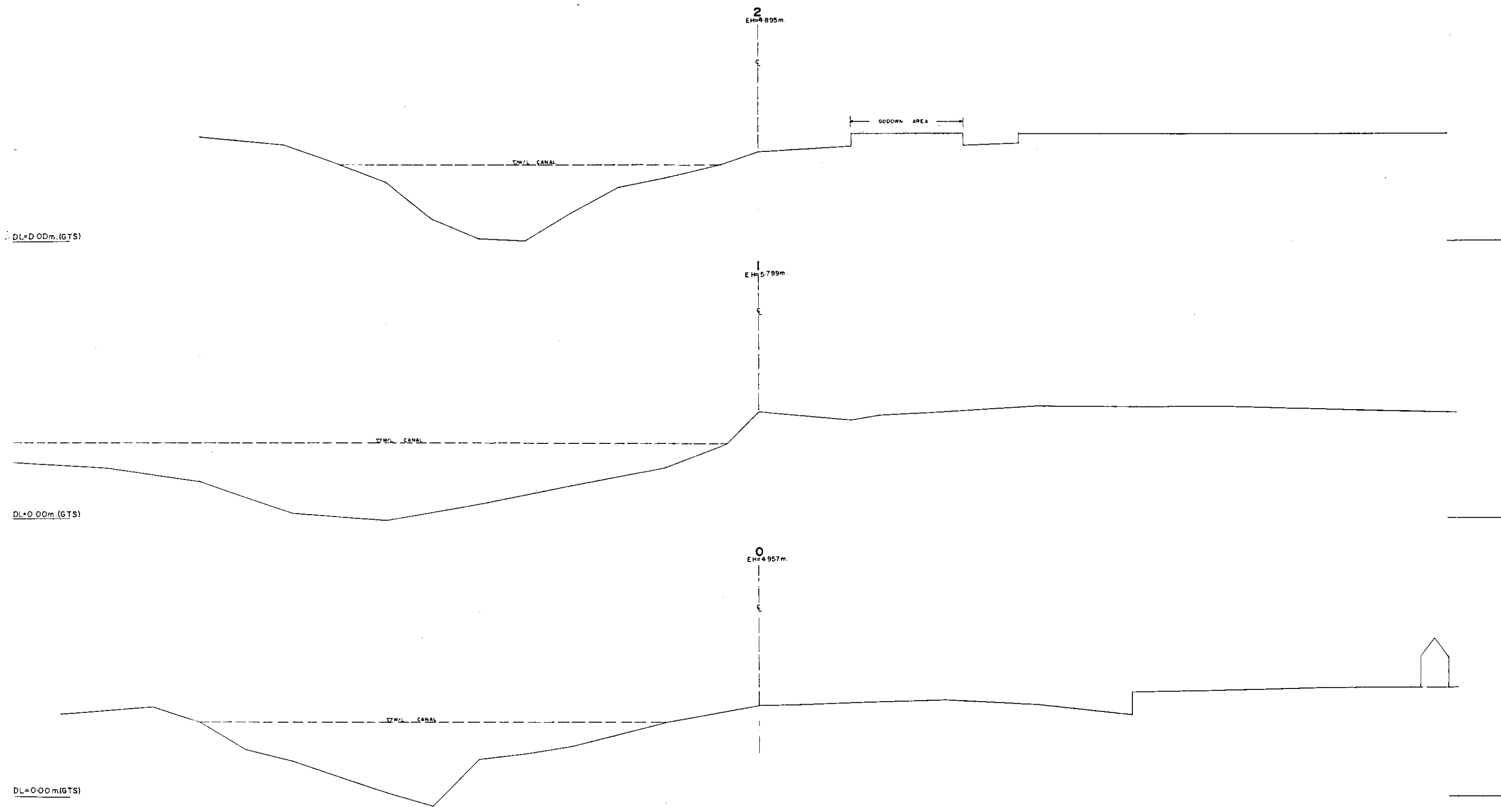
STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING		PROPOSED		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL
1	0.00	43.00	5.703	5.249			
2	43.00	25.00	5.273	5.799			
3	68.00	29.00	5.273				
4	97.00	6.00	5.273				
5	103.00	12.00	5.273				
6	115.00	12.00	5.273				
7	127.00	12.00	5.273				
8	139.00	12.00	5.273				
9	151.00	12.00	5.273				
10	163.00	12.00	5.273				
11	175.00	12.00	5.273				
12	187.00	12.00	5.273				
13	199.00	12.00	5.273				
14	211.00	12.00	5.273				
15	223.00	12.00	5.273				
16	235.00	12.00	5.273				
17	247.00	12.00	5.273				
18	259.00	12.00	5.273				
19	271.00	12.00	5.273				
20	283.00	12.00	5.273				
21	295.00	12.00	5.273				
22	307.00	12.00	5.273				
23	319.00	12.00	5.273				
24	331.00	12.00	5.273				
25	343.00	12.00	5.273				
26	355.00	12.00	5.273				
27	367.00	12.00	5.273				
28	379.00	12.00	5.273				
29	391.00	12.00	5.273				
30	403.00	12.00	5.273				
31	415.00	12.00	5.273				
32	427.00	12.00	5.273				
33	439.00	12.00	5.273				
34	451.00	12.00	5.273				
35	463.00	12.00	5.273				
36	475.00	12.00	5.273				
37	487.00	12.00	5.273				
38	499.00	12.00	5.273				
39	511.00	12.00	5.273				
40	523.00	12.00	5.273				
41	535.00	12.00	5.273				
42	547.00	12.00	5.273				
43	559.00	12.00	5.273				
44	571.00	12.00	5.273				
45	583.00	12.00	5.273				
46	595.00	12.00	5.273				
47	607.00	12.00	5.273				
48	619.00	12.00	5.273				
49	631.00	12.00	5.273				
50	643.00	12.00	5.273				
51	655.00	12.00	5.273				
52	667.00	12.00	5.273				
53	679.00	12.00	5.273				
54	691.00	12.00	5.273				
55	703.00	12.00	5.273				
56	715.00	12.00	5.273				
57	727.00	12.00	5.273				
58	739.00	12.00	5.273				
59	751.00	12.00	5.273				
60	763.00	12.00	5.273				
61	775.00	12.00	5.273				
62	787.00	12.00	5.273				
63	799.00	12.00	5.273				
64	811.00	12.00	5.273				
65	823.00	12.00	5.273				
66	835.00	12.00	5.273				
67	847.00	12.00	5.273				
68	859.00	12.00	5.273				
69	871.00	12.00	5.273				
70	883.00	12.00	5.273				
71	895.00	12.00	5.273				
72	907.00	12.00	5.273				
73	919.00	12.00	5.273				
74	931.00	12.00	5.273				
75	943.00	12.00	5.273				
76	955.00	12.00	5.273				
77	967.00	12.00	5.273				
78	979.00	12.00	5.273				
79	991.00	12.00	5.273				
80	1003.00	12.00	5.273				
81	1015.00	12.00	5.273				
82	1027.00	12.00	5.273				
83	1039.00	12.00	5.273				
84	1051.00	12.00	5.273				
85	1063.00	12.00	5.273				
86	1075.00	12.00	5.273				
87	1087.00	12.00	5.273				
88	1099.00	12.00	5.273				
89	1111.00	12.00	5.273				
90	1123.00	12.00	5.273				
91	1135.00	12.00	5.273				
92	1147.00	12.00	5.273				
93	1159.00	12.00	5.273				
94	1171.00	12.00	5.273				
95	1183.00	12.00	5.273				
96	1195.00	12.00	5.273				
97	1207.00	12.00	5.273				
98	1219.00	12.00	5.273				
99	1231.00	12.00	5.273				
100	1243.00	12.00	5.273				
101	1255.00	12.00	5.273				
102	1267.00	12.00	5.273				
103	1279.00	12.00	5.273				
104	1291.00	12.00	5.273				
105	1303.00	12.00	5.273				
106	1315.00	12.00	5.273				
107	1327.00	12.00	5.273				
108	1339.00	12.00	5.273				
109	1351.00	12.00	5.273				
110	1363.00	12.00	5.273				
111	1375.00	12.00	5.273				
112	1387.00	12.00	5.273				
113	1399.00	12.00	5.273				
114	1411.00	12.00	5.273				
115	1423.00	12.00	5.273				
116	1435.00	12.00	5.273				
117	1447.00	12.00	5.273				
118	1459.00	12.00	5.273				
119	1471.00	12.00	5.273				
120	1483.00	12.00	5.273				
121	1495.00	12.00	5.273				
122	1507.00	12.00	5.273				
123	1519.00	12.00	5.273				
124	1531.00	12.00	5.273				
125	1543.00	12.00	5.273				
126	1555.00	12.00	5.273				
127	1567.00	12.00	5.273				
128	1579.00	12.00	5.273				
129	1591.00	12.00	5.273				
130	1603.00	12.00	5.273				
131	1615.00	12.00	5.273				
132	1627.00	12.00	5.273				
133	1639.00	12.00	5.273				
134	1651.00	12.00	5.273				
135	1663.00	12.00	5.273				
136	1675.00	12.00	5.273				
137	1687.00	12.00	5.273				
138	1699.00	12.00	5.273				
139	1711.00	12.00	5.273				
140	1723.00	12.00	5.273				
141	1735.00	12.00	5.273				
142	1747.00	12.00	5.273				
143	1759.00	12.00	5.273				
144	1771.00	12.00	5.273				
145	1783.00	12.00	5.273				
146	1795.00	12.00	5.273				
147	1807.00	12.00	5.273				
148	1819.00	12.00	5.273				
149	1831.00	12.00	5.273				
150	1843.00	12.00	5.273				
151	1855.00	12.00	5.273				
152	1867.00	12.00	5.273				
153	1879.00	12.00	5.273				
154	1891.00	12.00	5.273				
155	1903.00	12.00	5.273				
156	1915.00	12.00	5.273				
157	1927.00	12.00	5.273				
158	1939.00	12.00	5.273				
159	1951.00	12.00	5.273				
160	1963.00	12.00	5.273				
161	1975.00	12.00	5.273				
162	1987.00	12.00	5.273				
163	1999.00	12.00	5.273				
164	2011.00	12.00	5.273				
165	2023.00	12.00	5.273				
166	2035.00	12.00	5.273				
167	2047.00	12.00	5.273				
168	2059.00	12.00	5.273				
169	2071.00	12.00	5.273				
170	2083.00	12.00	5.273				
171	2095.00	12.00	5.273				
172	2107.00	12.00	5.273				
173	2119.00	12.00	5.273				
174	2131.00	12.00	5.273				
175	2143.00	12.00	5.273				
176	2155.00	12.00	5.273				
177	2167.00	12.00	5.273				
178	2179.00	12.00	5.273				
179	2191.00	12.00	5.273				
180	2203.00	12.00	5.273				
181	2215.00	12.00	5.273				
182	2227.00	12.00	5.273				
183	2239.00	12.00	5.273				
184	2251.00	12.00	5.273				
185	2263.00	12.00	5.273				
186	2275.00	12.00	5.273				
187	2287.00	12.00	5.273				
188	2299.00	12.00	5.273				
189	2311.00	12.00	5.273				
190	2323.00	12.00	5.273				
191	2335.00	12.00	5.273				
192	2347.00	12.00	5.273				
193	2359.00	12.00	5.273				
194	2371.00	12.00	5.273				
195	2383.00	12.00	5.273				
196	2395.00	12.00	5.273				
197	2407.00	12.00	5.273				
198	2419.00	12.00	5.273				
199	2431.00	12.00	5.273				
200	2443.00	12.00	5.273				
201	2455.00	12.00	5.273				
202	2467.00	12.00	5.273				
203	2479.00	12.00	5.273				
204	2491.00	12.00	5.273				
205	2503.00	12.00	5.273				

DL +3.00 m (GTS)



LEGEND
TDP OF EMBANKMENT
GROUND ELEVATION

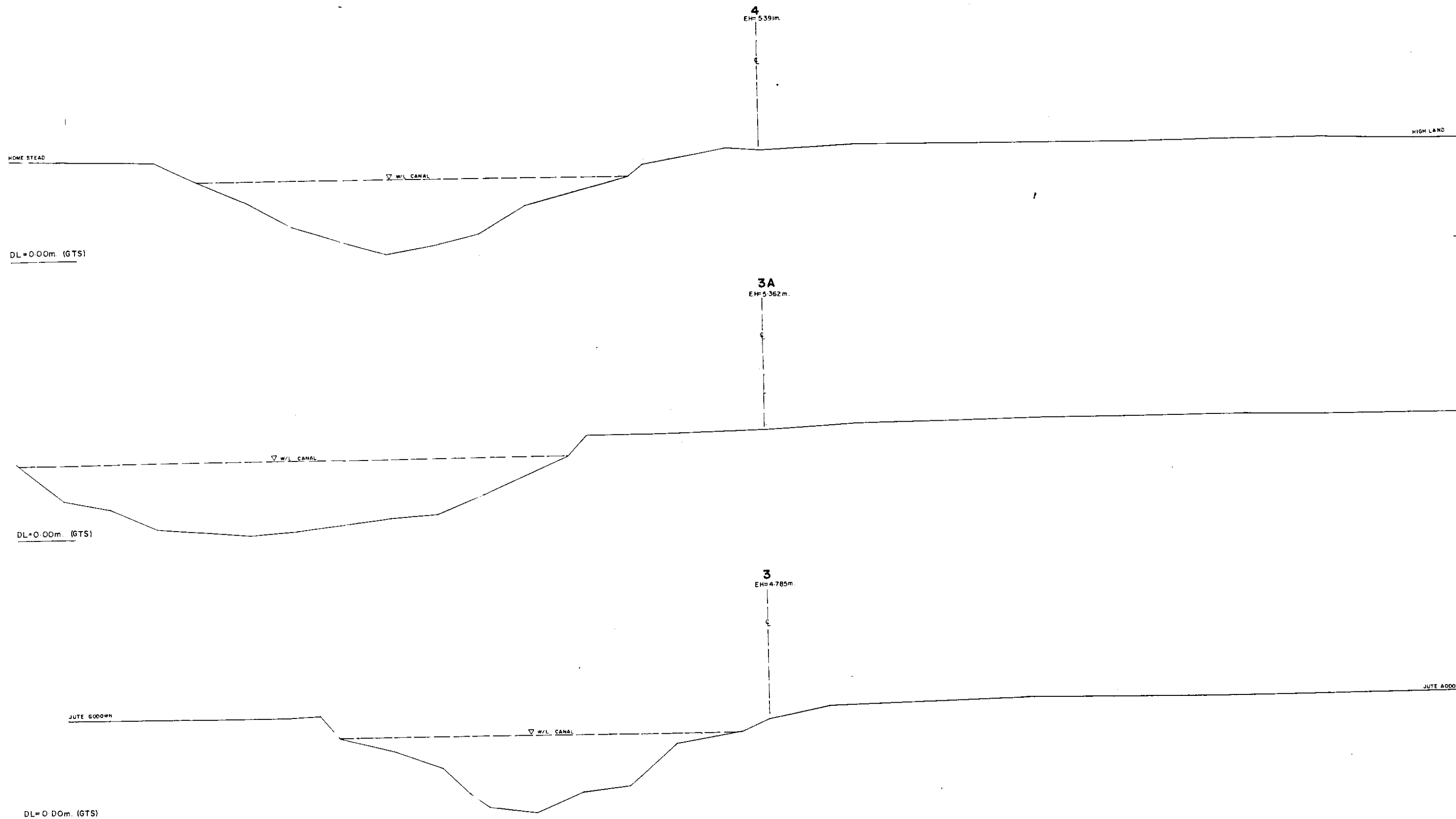
220



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NW)			
CROSS SECTION			
KADAMTOLI-PANCHABDI	SCALE	H=1:200	V=1:100
DWG NO	PE/C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

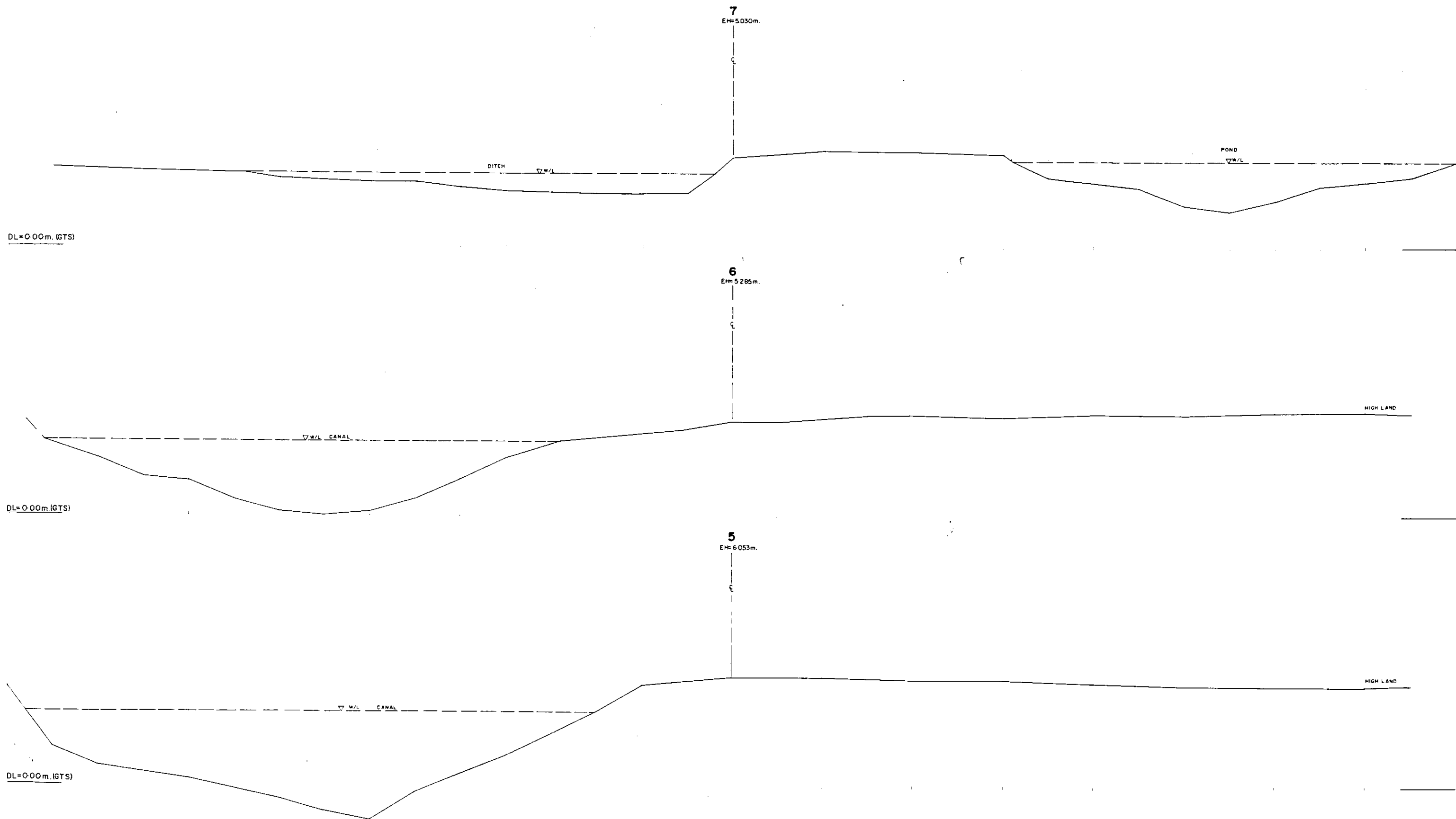
142

270



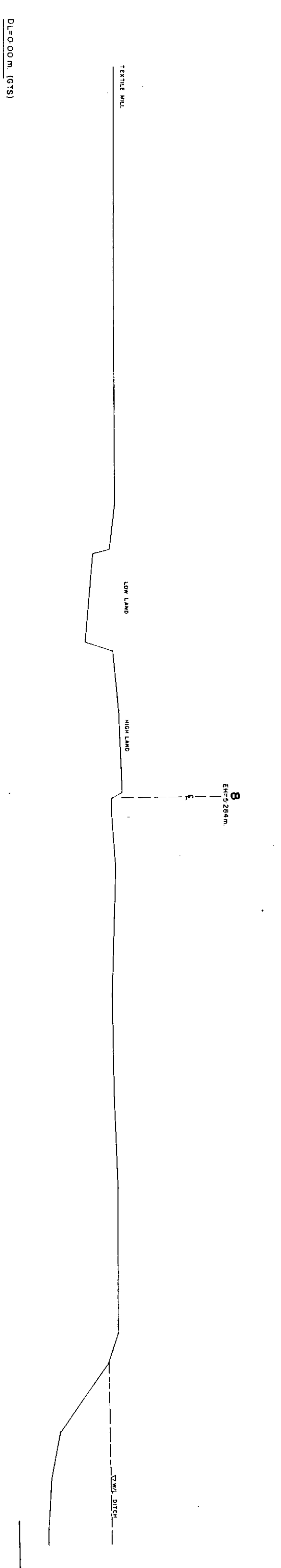
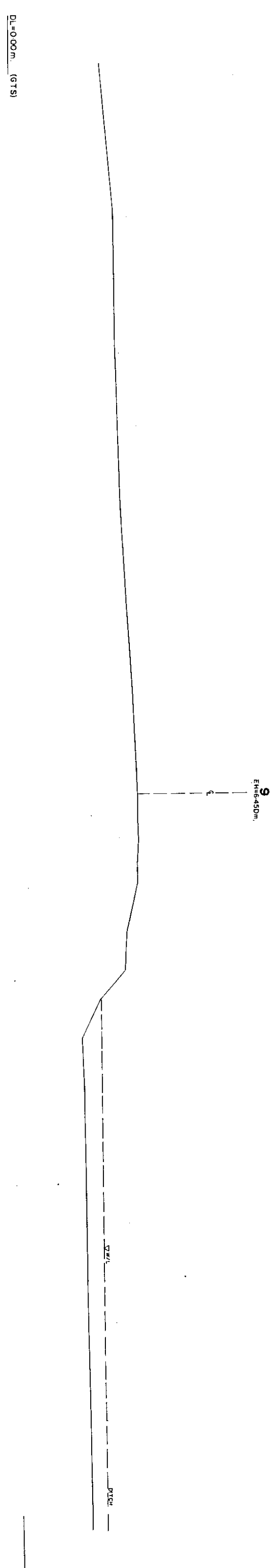
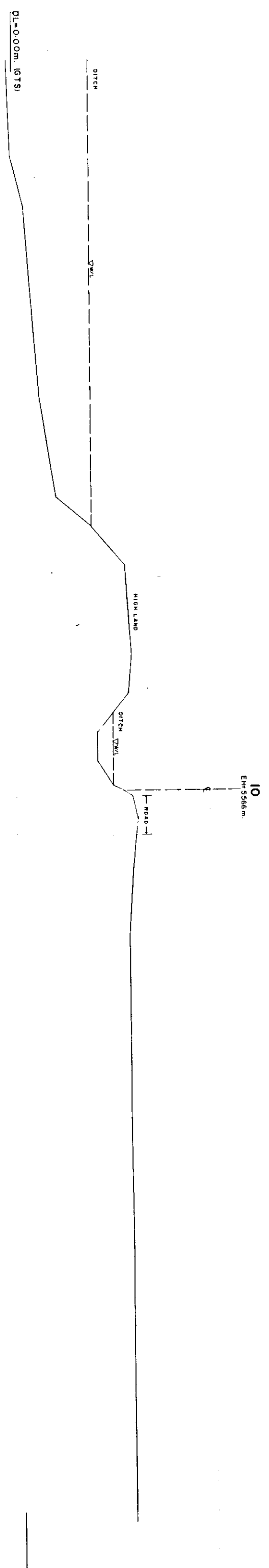
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NW)			
CROSS SECTION			
KADAMTOLI-PANCHABOTI	SCALE	H=1:200	V=1:100
DWG NO	PE/C-2	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

272



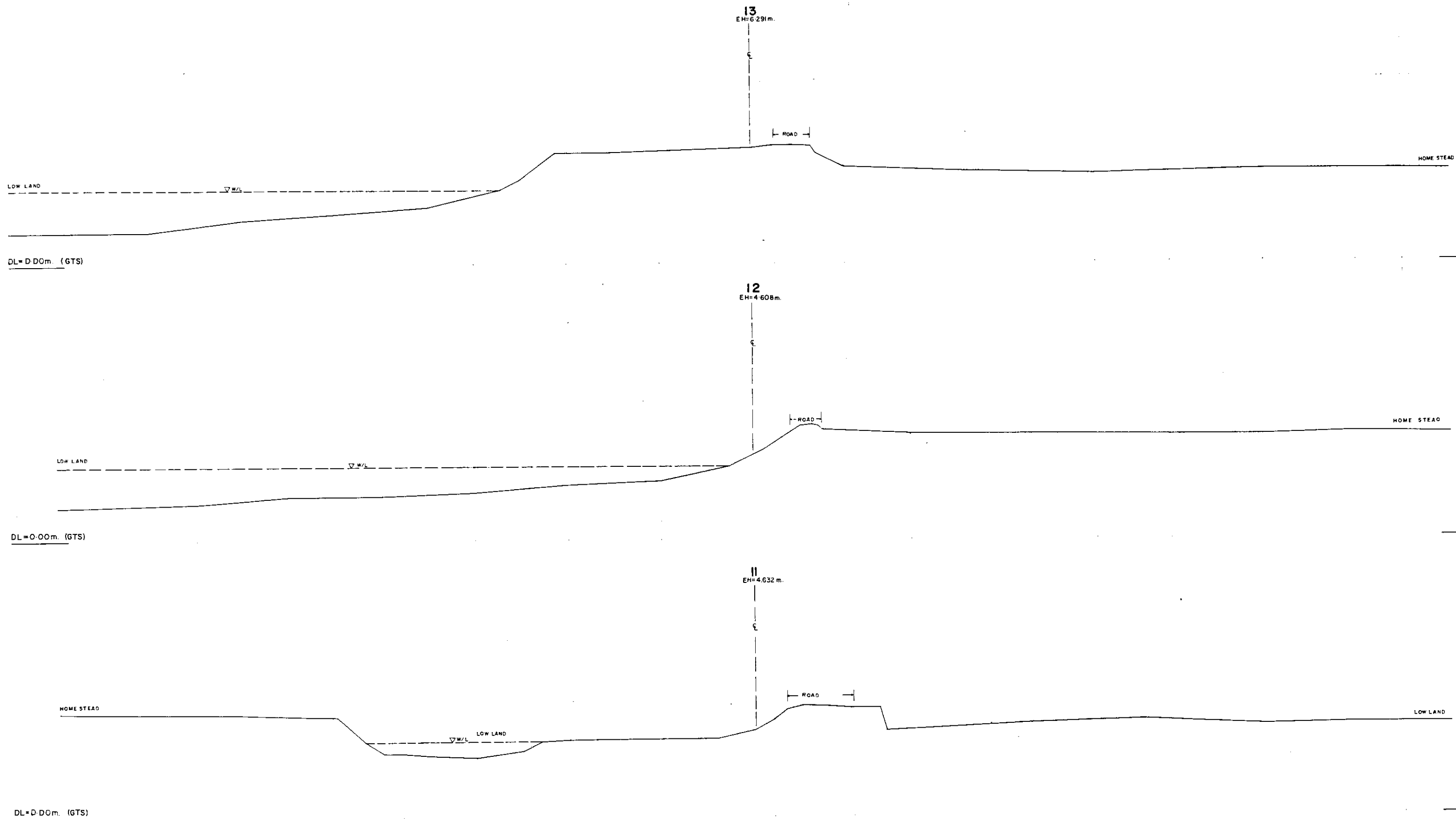
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NW)			
CROSS SECTION			
KADAMTOLI-PANCHABOT	SCALE	H= 1:200	V= 1:100
DWG NO	PE/C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

223



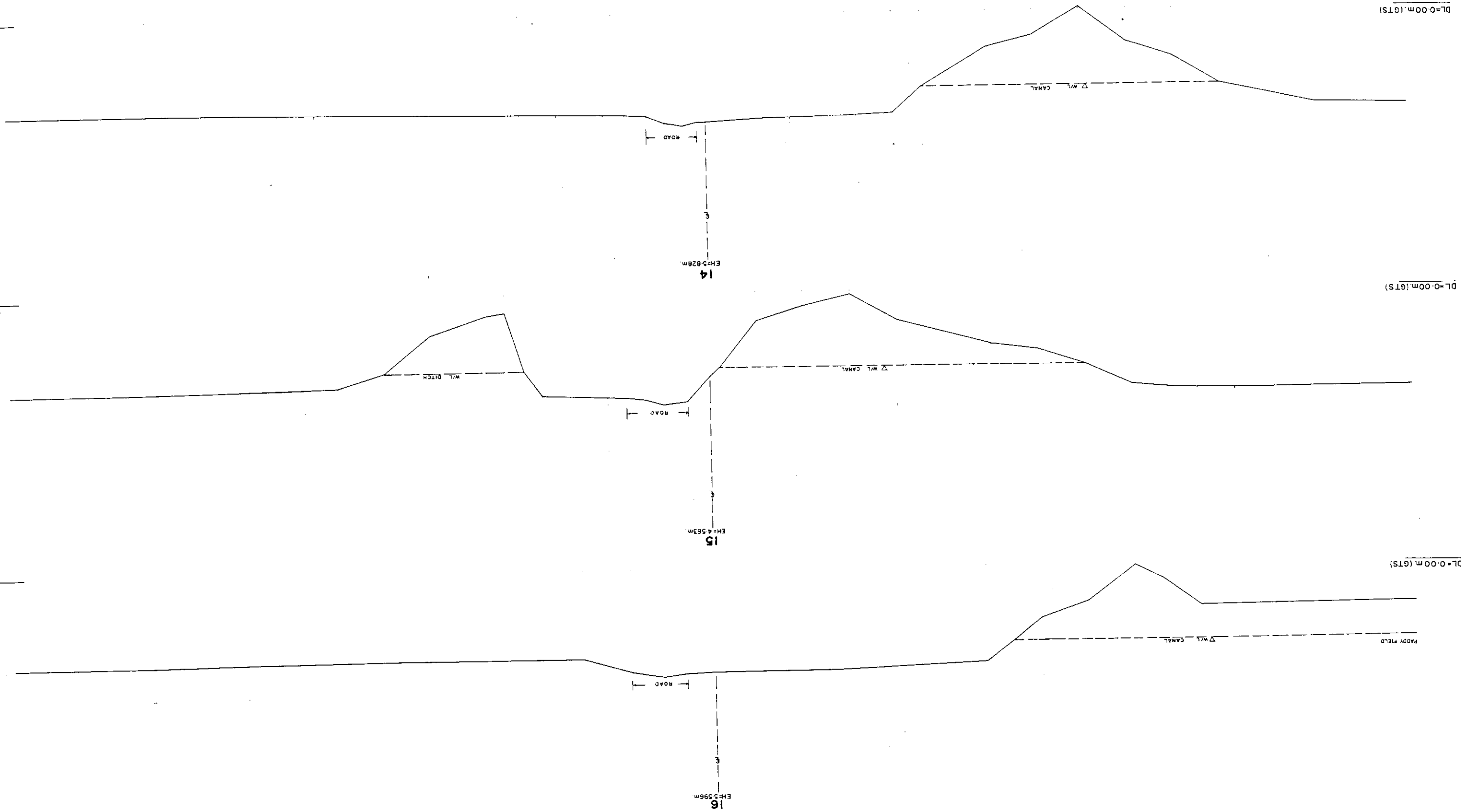
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NW)			
CROSS SECTION			
KADAMTOL-PANCHABOT		SCALE	
DWG NO.		DATE	
PE/C-4		1" = 1' 10" 1/4" = 1' 10"	
OCTOBER, 1991			
JAPAN INTERNATIONAL COOPERATION AGENCY			

328



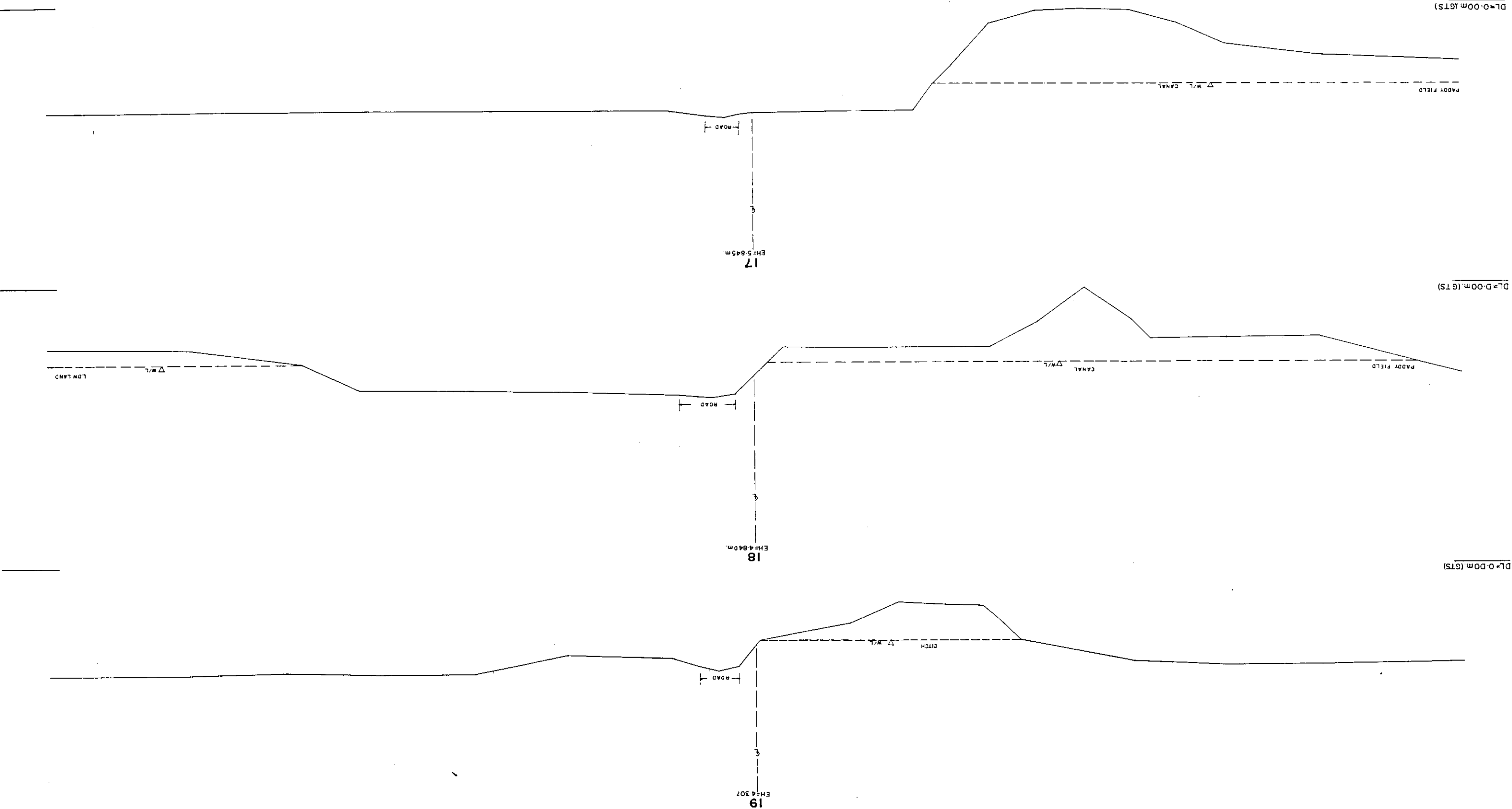
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA PROPOSED EMBANKMENT (NW) CROSS SECTION			
KADAMTOL-PANCHABOTI	SCALE	H=1:200 V=1:100	
DWG NO	PE/C-5	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NW)			
CROSS SECTION			
KADAMTOL-PANCHABOTI		SCALE	1:100
DATE		PE/C-6	
DWG NO.		OCTOBER, 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			



222

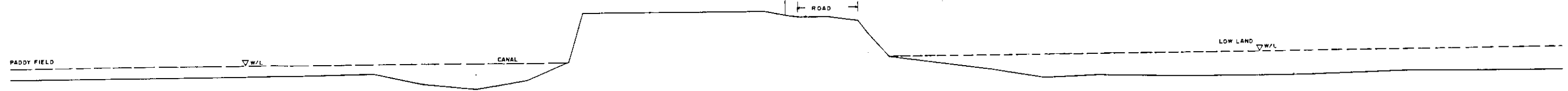
JAPAN INTERNATIONAL COOPERATION AGENCY			
DWG NO.	PE/C-7	DATE	OCTOBER, 1991
KADAMTOL-PANCHABOTI	SCALE	1:100	1:200
BANGLADESH FLOOD ACTION PLAN NO. 8A			
STUDY IN DHAKA METROPOLITAN AREA			
GREATER DHAKA PROTECTION PROJECT			
PROPOSED EMBANKMENT (NW)			
CROSS SECTION			



ade

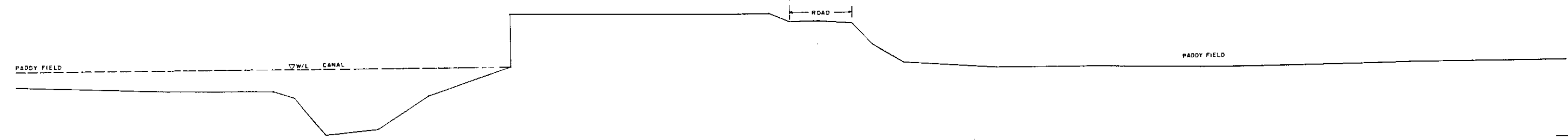
849

22
EH=5206m



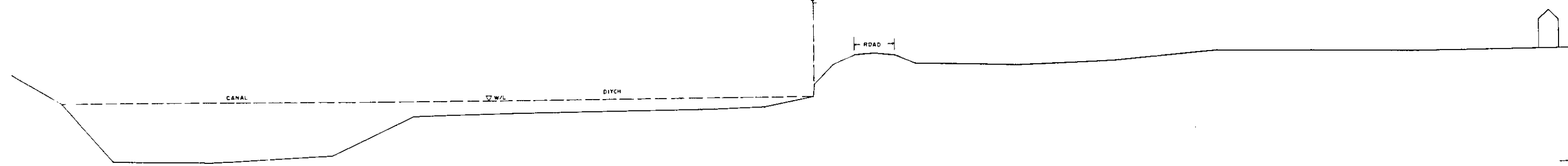
DL=0-00m (GTS)

21
EH=6093m



DL=0-00m (GTS)

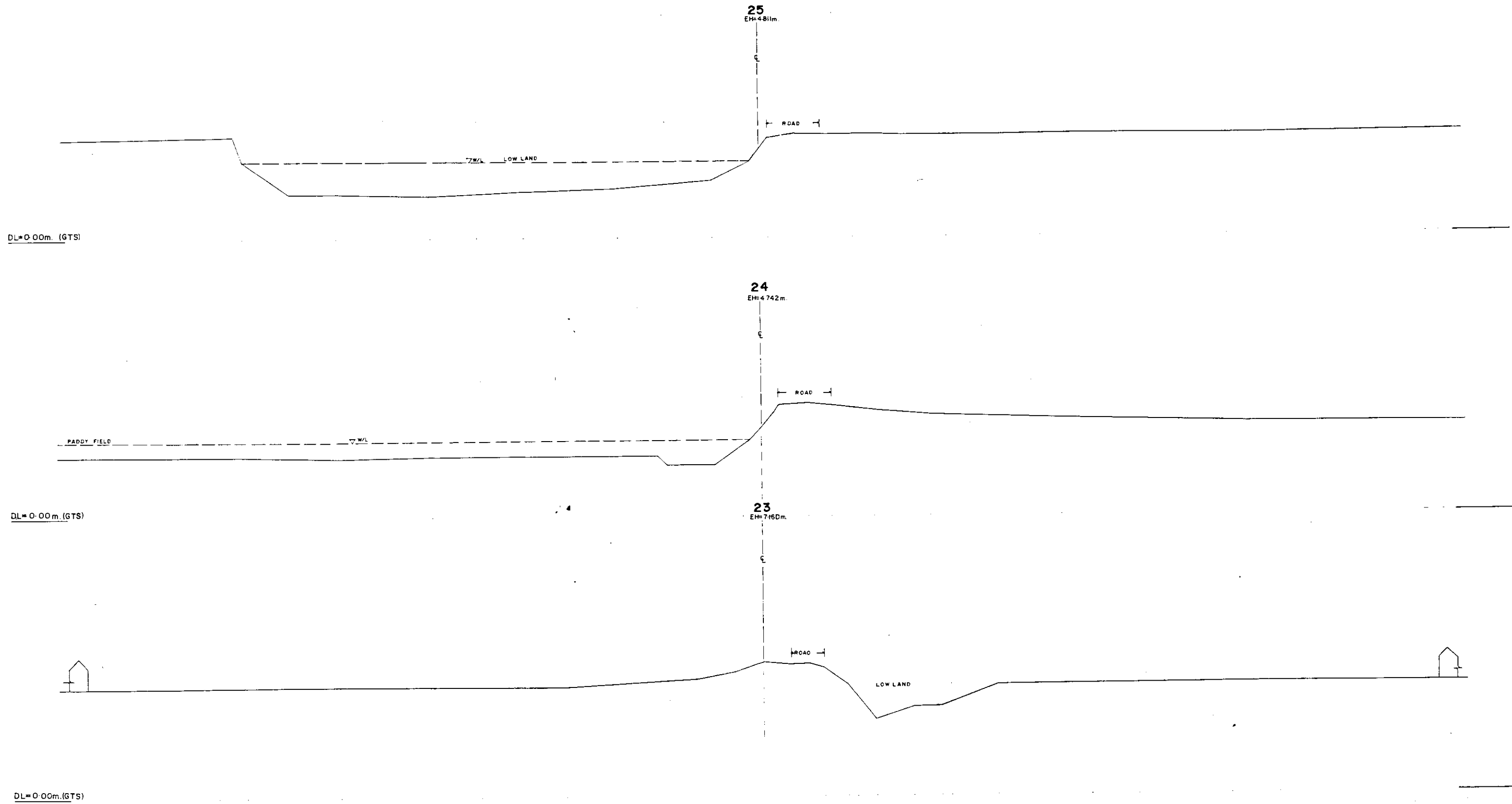
20
EH=4324m



DL=0-00m (GTS)

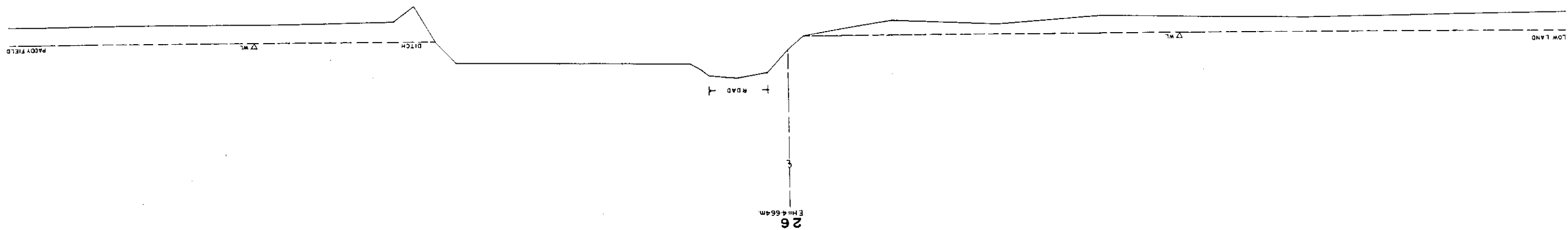
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA PROPOSED EMBANKMENT (NW) CROSS SECTION			
KADAMTOL-PANCHABOTI	SCALE	H ¹ : 200 V ¹ : 100	
DWG. NO.	PE/C-8	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

205

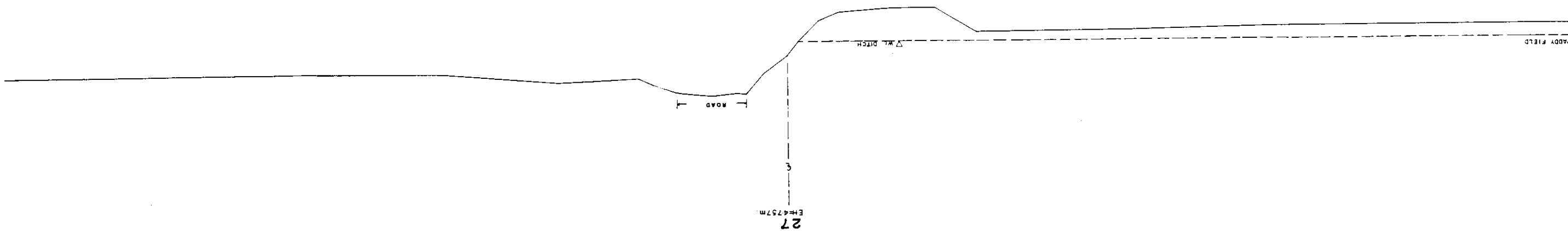


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NW)			
CROSS SECTION			
KADAMTOLI-PANCHABATI	SCALE	H= 1:200	V= 1:100
DWG NO	PE / C-9	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

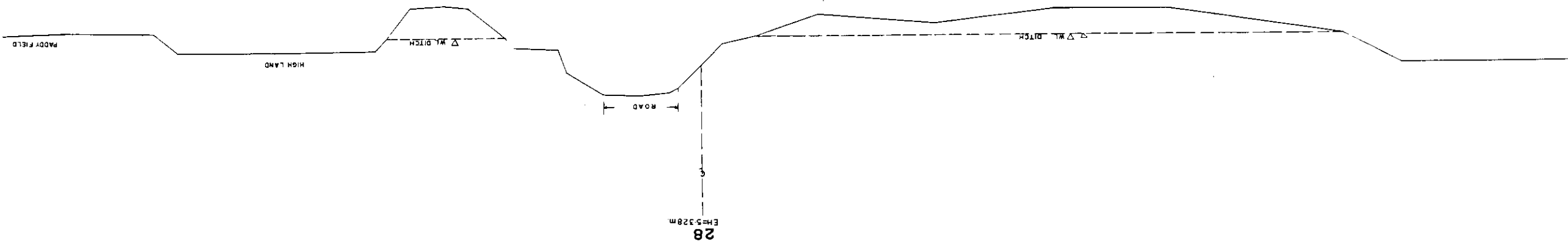
DL=0.00m.(GTS)



DL=0.00m.(GTS)

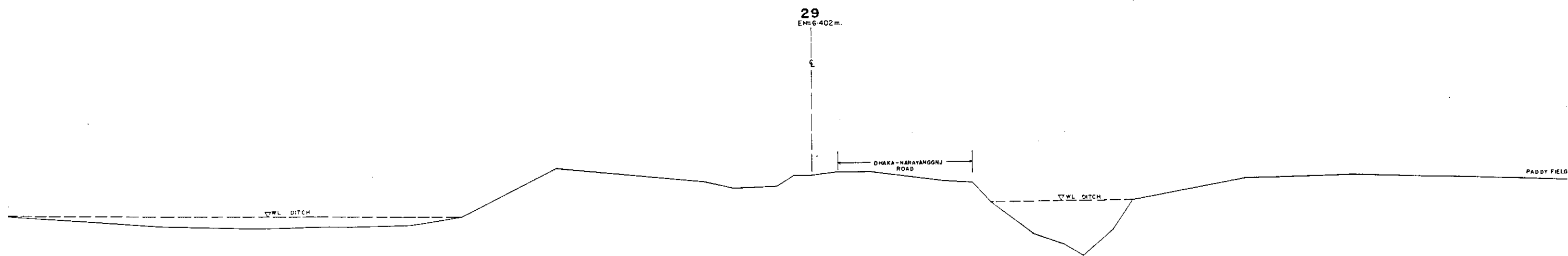


DL=0.00m.(GTS)



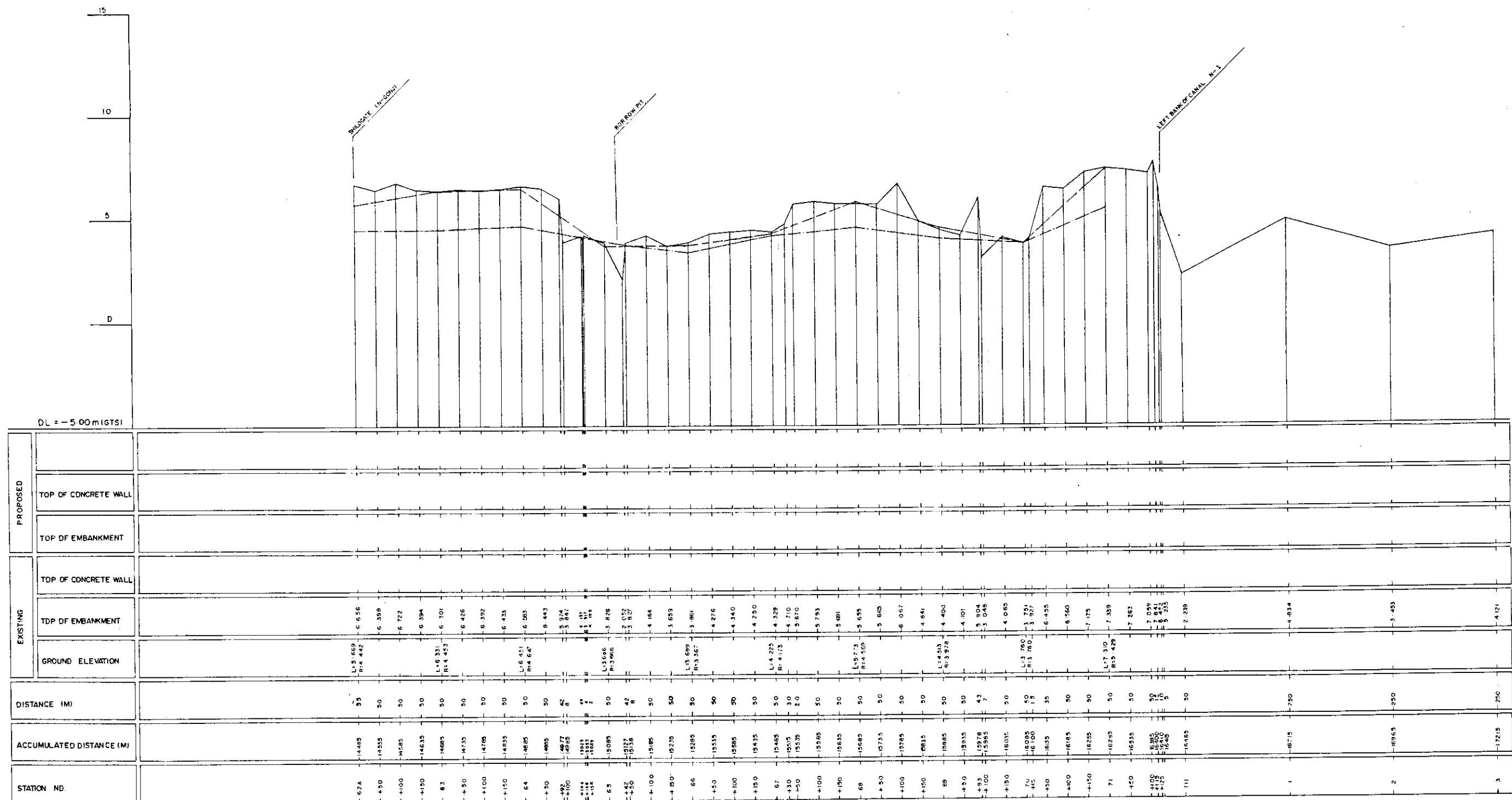
JAPAN INTERNATIONAL COOPERATION AGENCY			
DWG NO	PE/C-10	DATE	OCTOBER, 1991
KADAMTOL-PANCHABOTI SCALE			
H=1:200			
CROSS SECTION			
PROPOSED EMBANKMENT (NW)			
DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
(STUDY IN DHAKA METROPOLITAN AREA)			
GREATER DHAKA PROTECTION PROJECT			

CDL



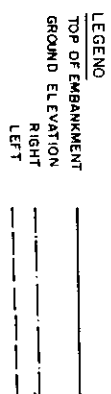
DL=0.00m. (GTS)

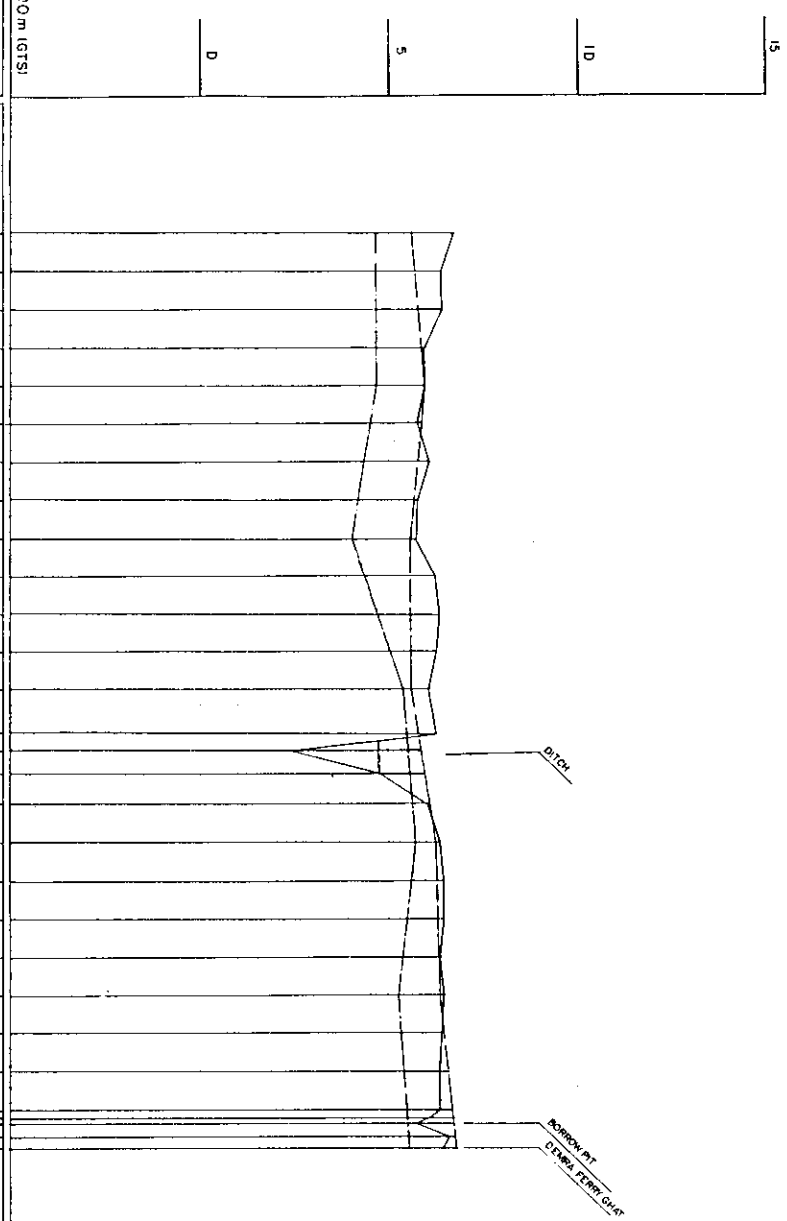
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA PROPOSED EMBANKMENT (NW) CROSS SECTION			
KADAMTOLI-PANCHABOT	SCALE	H=1:200 V=1:100	
DWG NO	PE/C-II	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

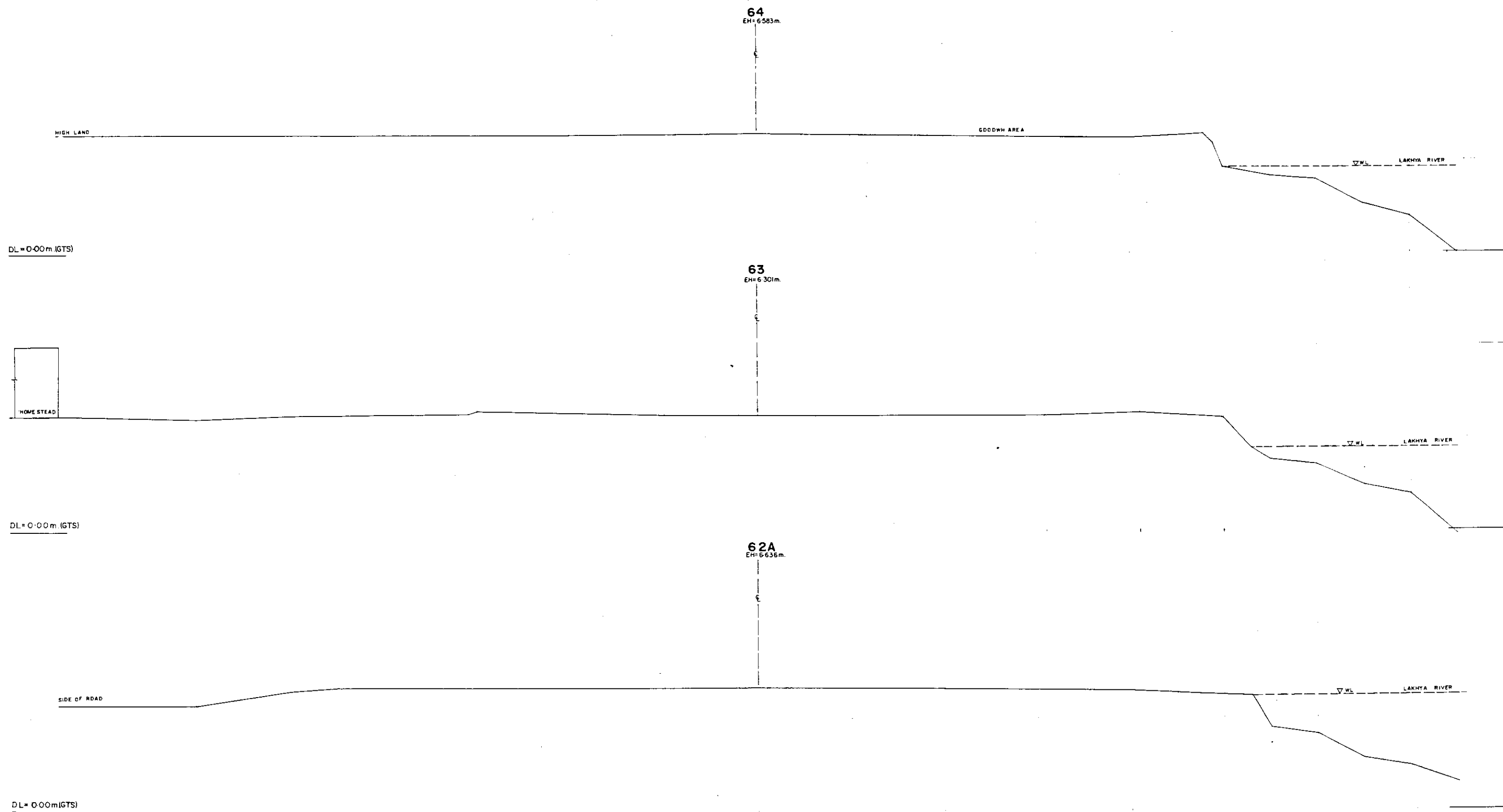
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 8A
DHAKA METROPOLITAN AREA
PROPOSED EMBANKMENT (NE)
LONG SECTION
SAILO GATE-DEMRA
DWG NO. PE / L-6
SCALE H= 1:5000
V= 1:100
DATE OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY





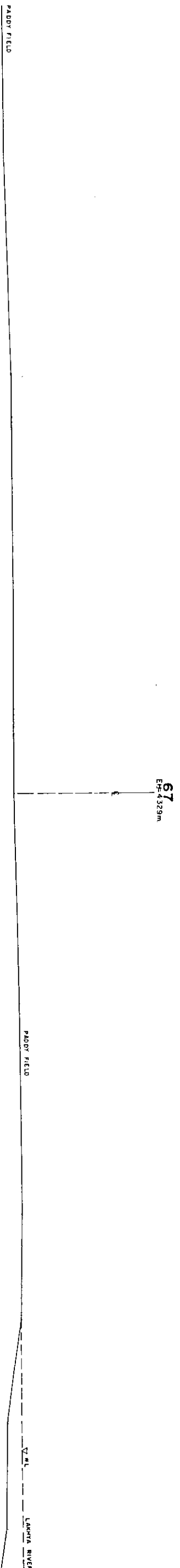
STATION NO	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	
81	20130	50	L:15.604 R:14.670	6.701				
+50	20180	50		6.386				
+100	20230	50		6.419				
+150	20288	50		5.918				
82	20330	50	L:15.957 R:14.693	5.950				
+50	20380	50		5.752				
+100	20430	50		6.069				
+150	20460	50		5.777				
83	20530	50	L:15.594 R:14.013	5.723				
+50	20580	50		6.217				
+100	20630	50		6.361				
+150	20680	50		6.267				
84	20730	50	L:15.581 R:15.399	6.083				
+97	20767	57		6.282				
+80	20810	25		2.317				
+111	20841	31		4.737				
+150	20880	39		6.044				
85	20930	50	L:16.264 R:15.735	6.371				
+50	20980	50		6.458				
+100	21030	50		6.474				
+150	21080	50		6.375				
86	21130	50	L:16.357 R:15.254	6.454				
+50	21188	50		6.406				
+100	21230	50		6.376				
+150	21280	50		6.376				
+160	21290	10		6.376				
+184	21314	24		6.615				
87	21330	16	L:16.015 R:15.565	6.443				

LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT

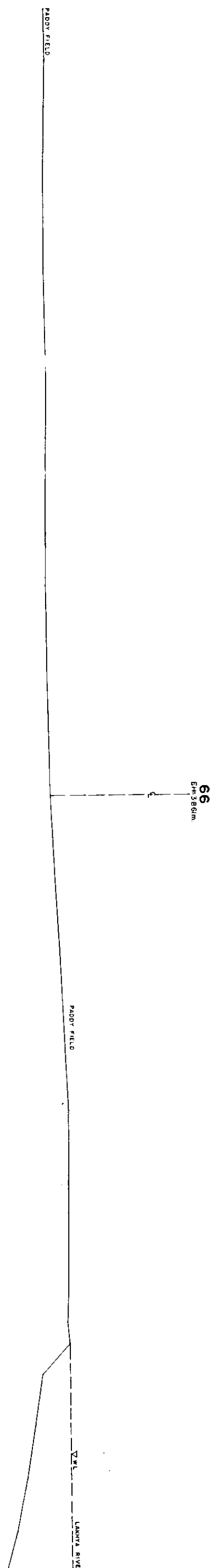


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NE)			
CROSS SECTION			
SAILO GATE-DEMRA		SCALE	H=1:200 V=1:100
DWG NO.	PE/C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

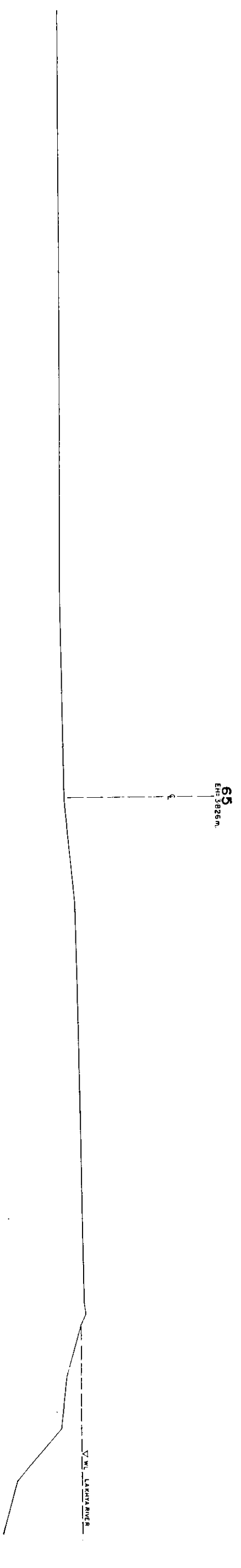
0202



DL=0.00m.(GTS)

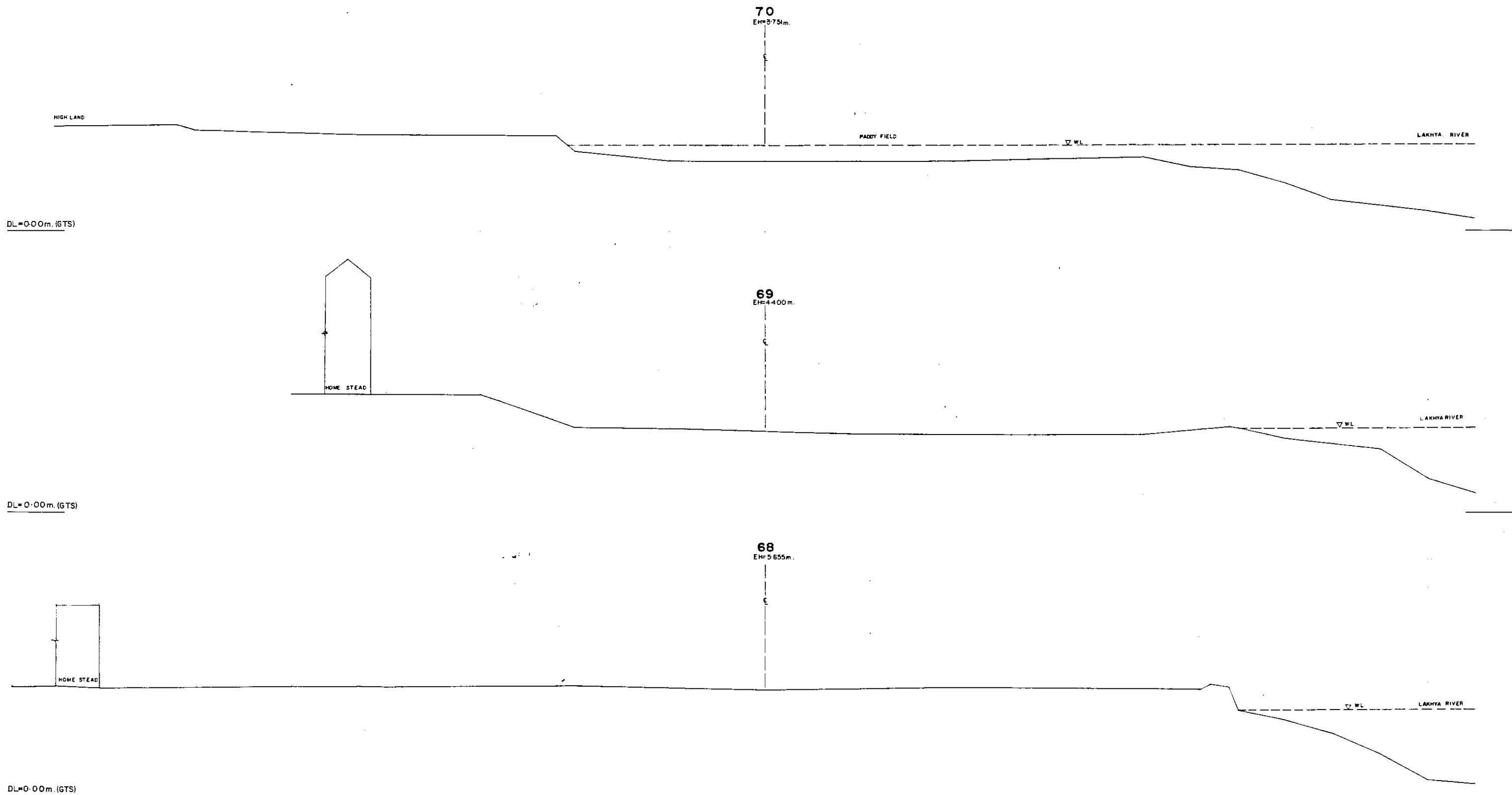


DL=0.00m.(GTS)



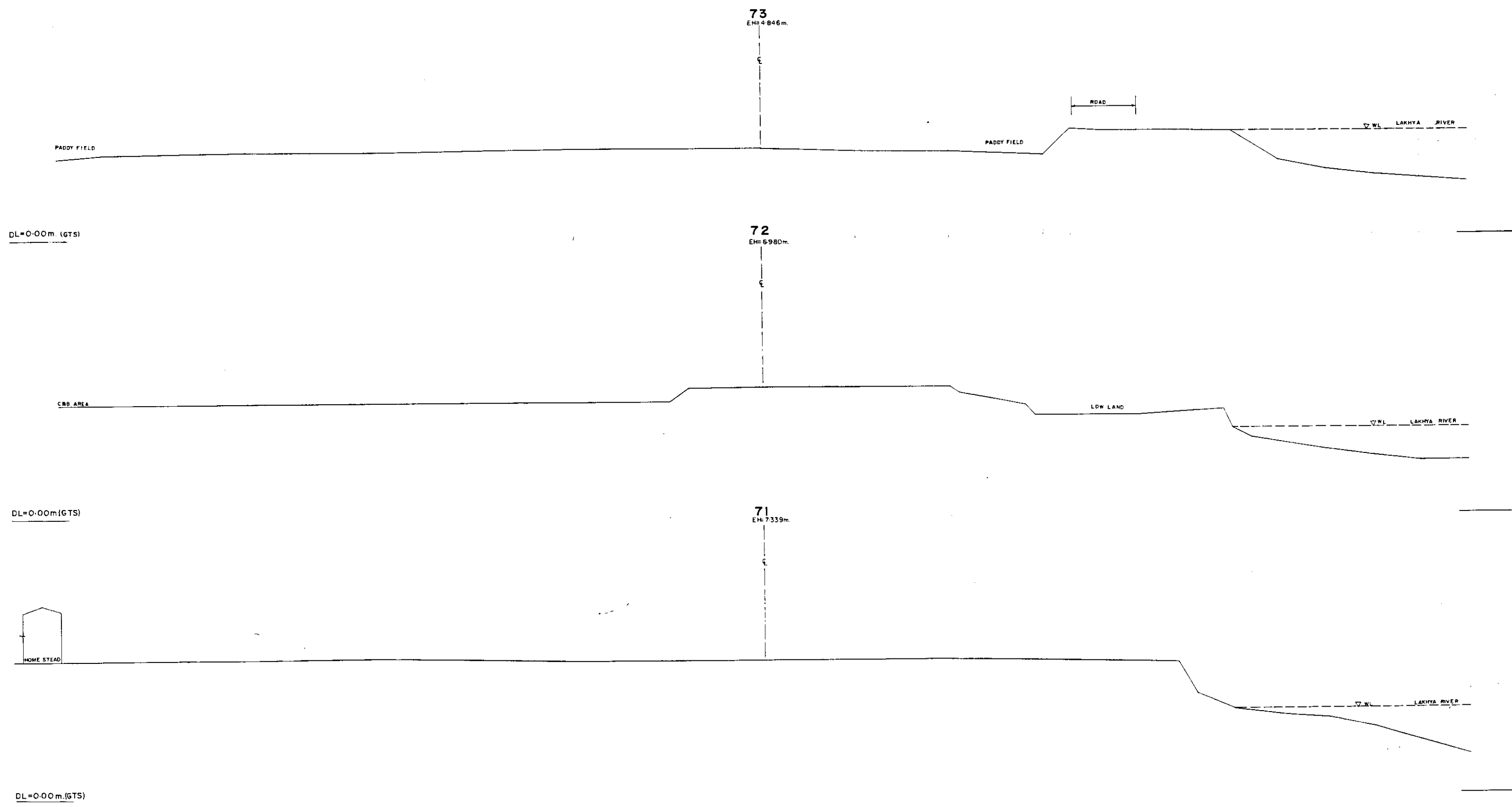
DL=0.00m.(GTS)

GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENTINE)			
CROSS SECTION			
SALO GATE-DEMIRA	SCALE	H=1:500	V=1:100
DWG NO.	P/E/C-2	DATE	OCTOBER, 89
JAPAN INTERNATIONAL COOPERATION AGENCY			



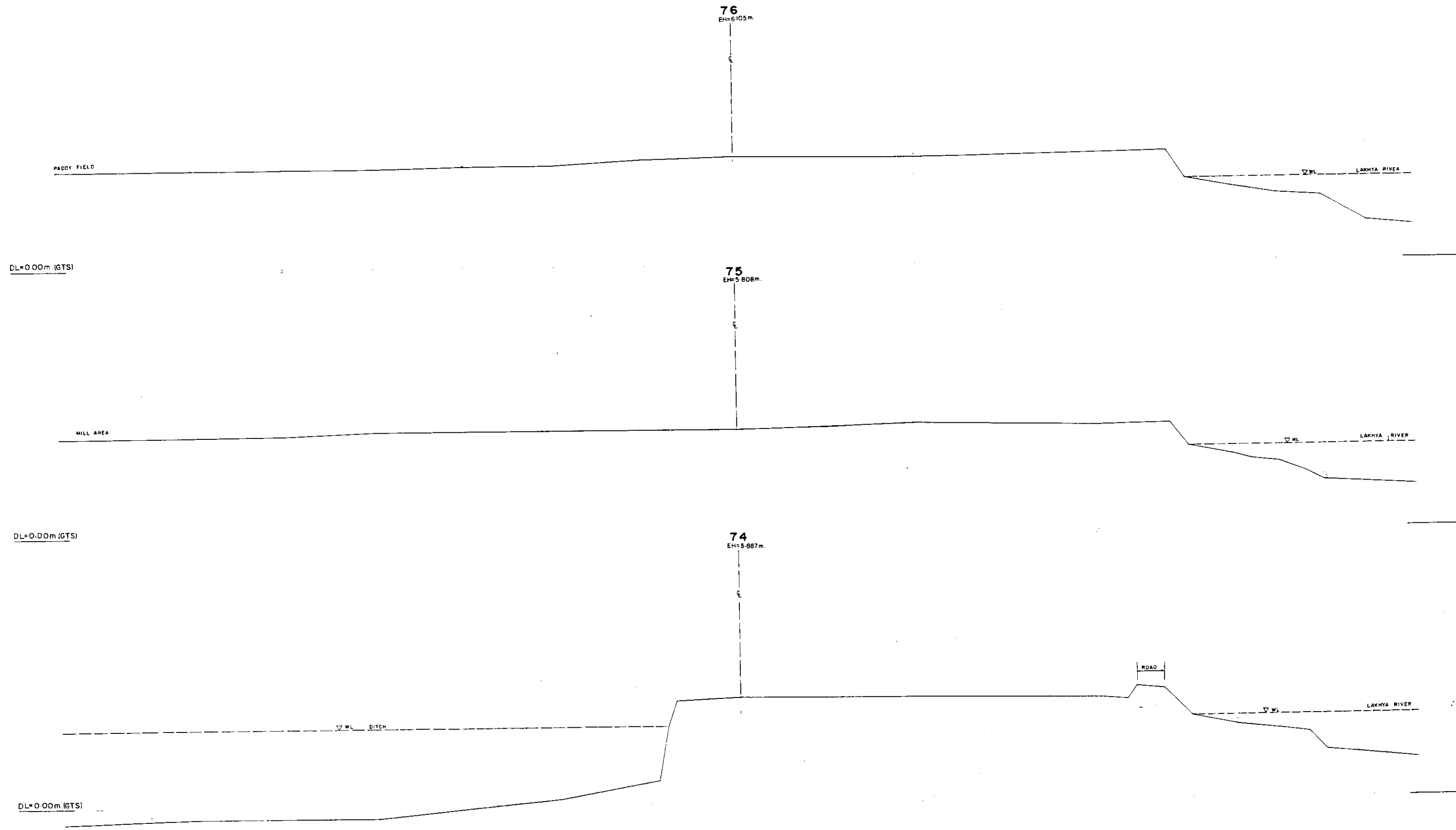
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT(NE)			
CROSS SECTION			
SAILO GATE-DEMRA	SCALE	H ₁ : 200 V ₁ : 100	
DWG NO.	PE/C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

207



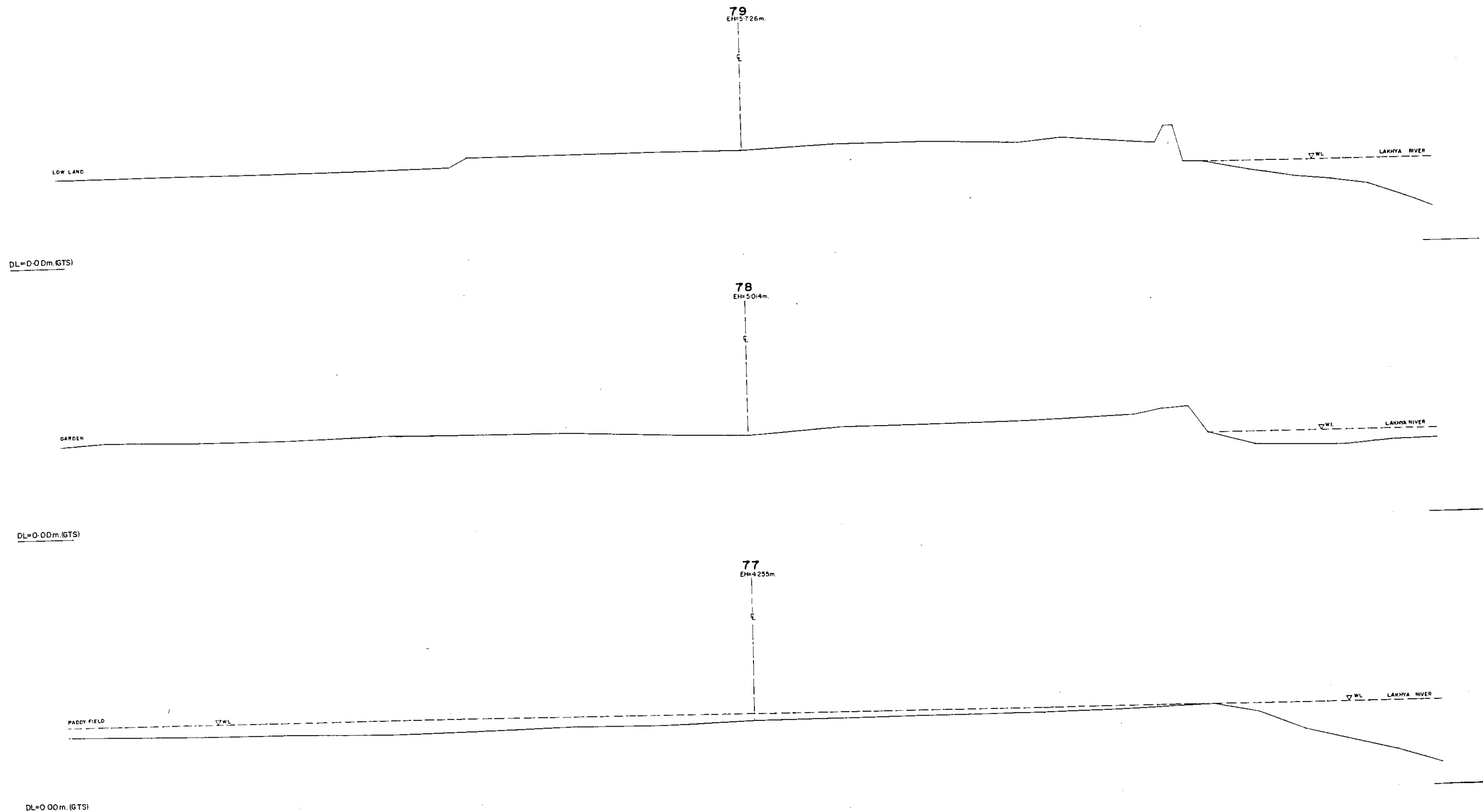
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT(NE)			
CROSS SECTION			
SAILO GATE-DEMRA		SCALE	H: 1:200 V: 1:100
DWG NO.	PE/C-4	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

248



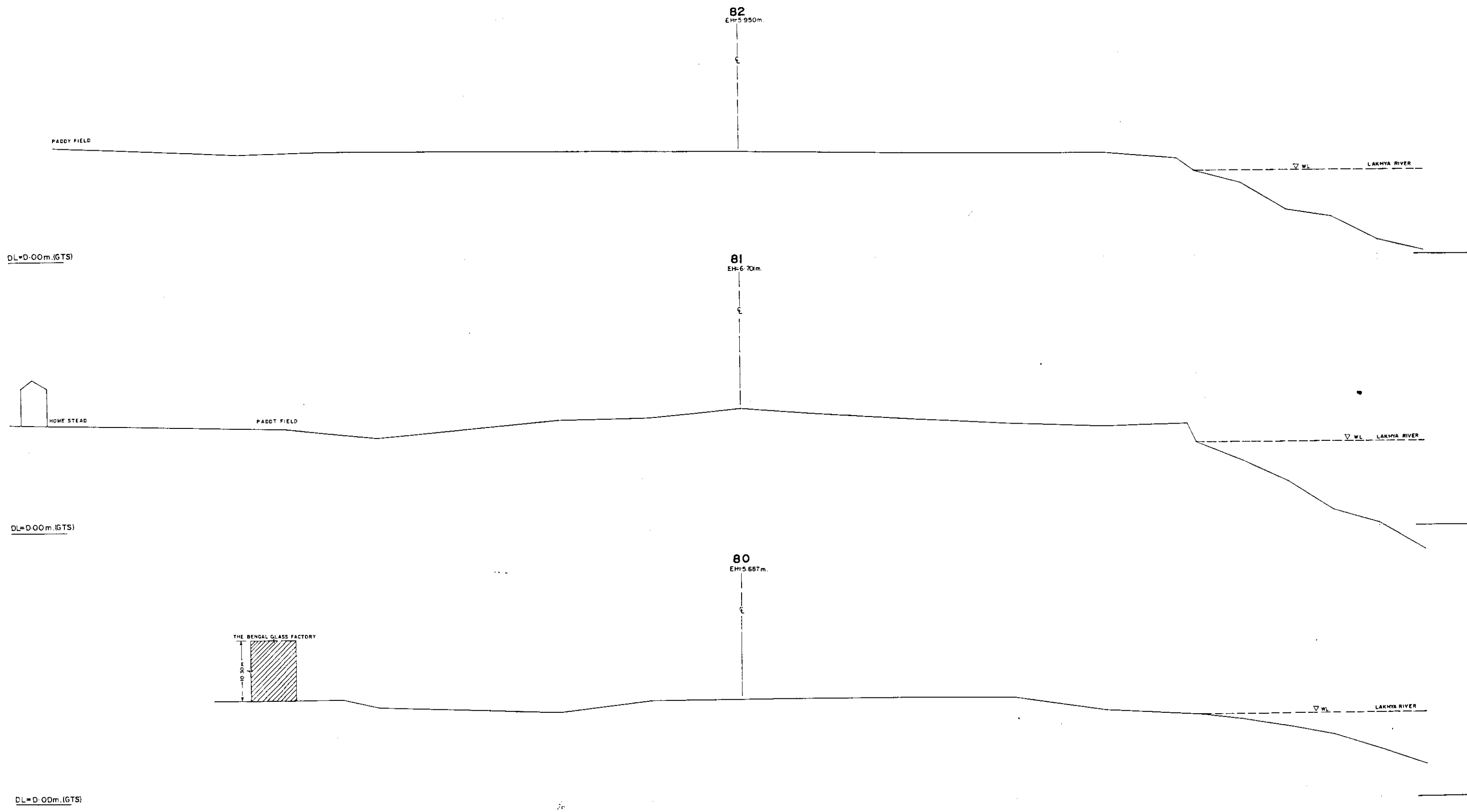
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NE)			
CROSS SECTION			
SAILO GATE - DEMRA		SCALE	H= 1:200 V= 1:100
DWG NO.	PE/C-5	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

242



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA PROPOSED EMBANKMENT(NE) CROSS SECTION			
SAILO GATE-DEMRA	SCALE	H=1:200	V=1:100
DWG NO.	PE/C-6	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

27D



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT(NE)			
CROSS SECTION			
SAILO GATE-DEMRA		SCALE	H= 1:200 V= 1:100
DWG NO.	PE/C-7	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

290

82
EL=59.50m

PADRY FIELD

▽ WL LAKHNA RIVER

DL=0.00m (GTS)

81
EL=6.70m

HONG STEAD

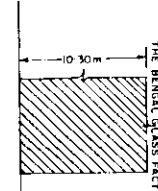
PADRY FIELD

▽ WL LAKHNA RIVER

DL=0.00m (GTS)

80
EL=5.657m

THE BENGAL GLASS FACTORY

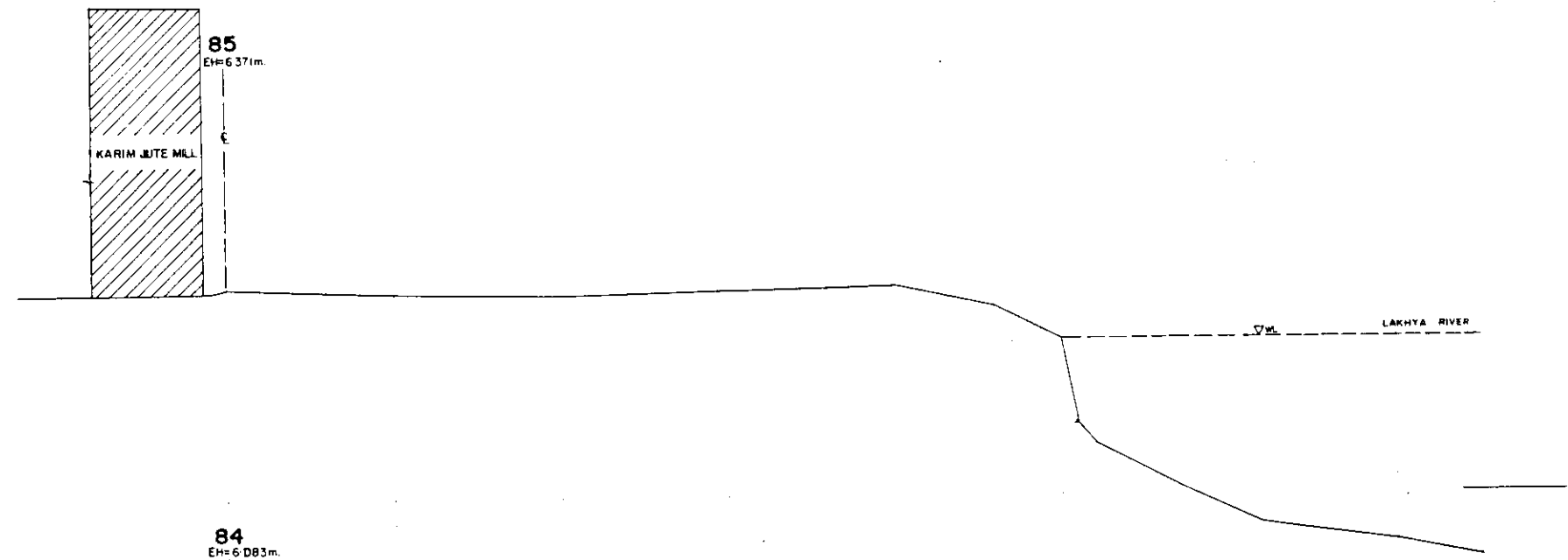


▽ WL LAKHNA RIVER

DL=0.00m (GTS)

GREATER DHAKA PROTECTION PROJECT				
(STUDY IN DHAKA METROPOLITAN AREA)				
BANGLADESH FLOOD ACTION PLAN NO. 8A				
DHAKA METROPOLITAN AREA				
PROPOSED EMBANKMENT (N/E)				
CROSS SECTION				
SAILD GATE - DEMRA		SCALE	H: 1:250	
DWG NO.	P/E/C - 7	DATE	Y: 1:100	
		OCTOBER, 1991		
JAPAN INTERNATIONAL COOPERATION AGENCY				

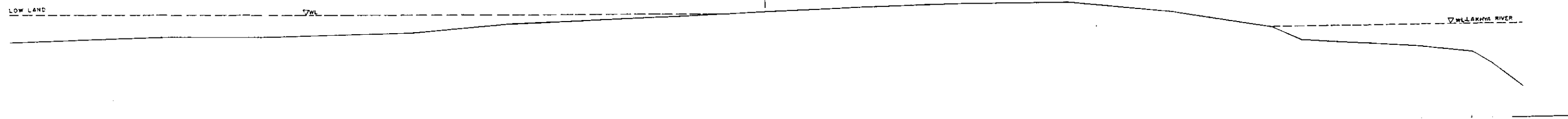
DL=0.00m (GTS)



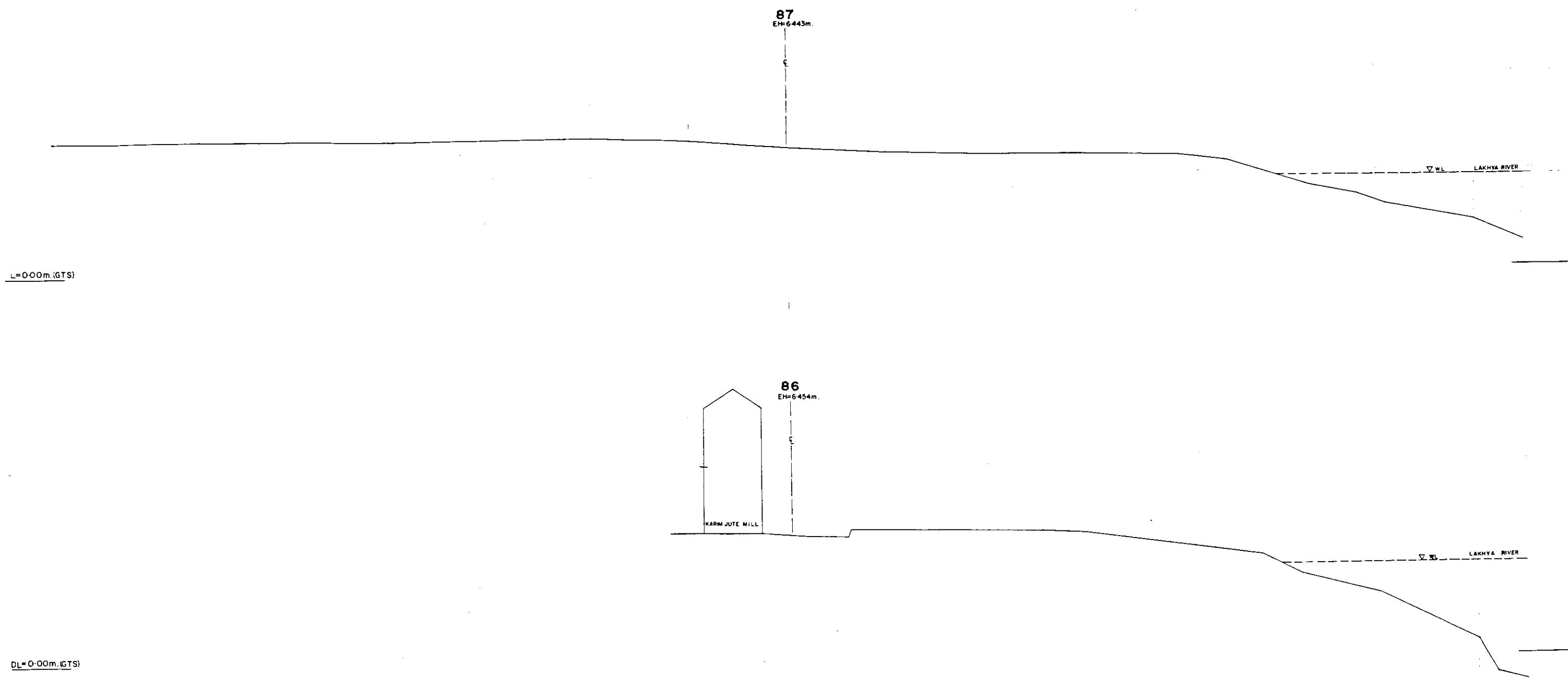
DL=0.00m (GTS)



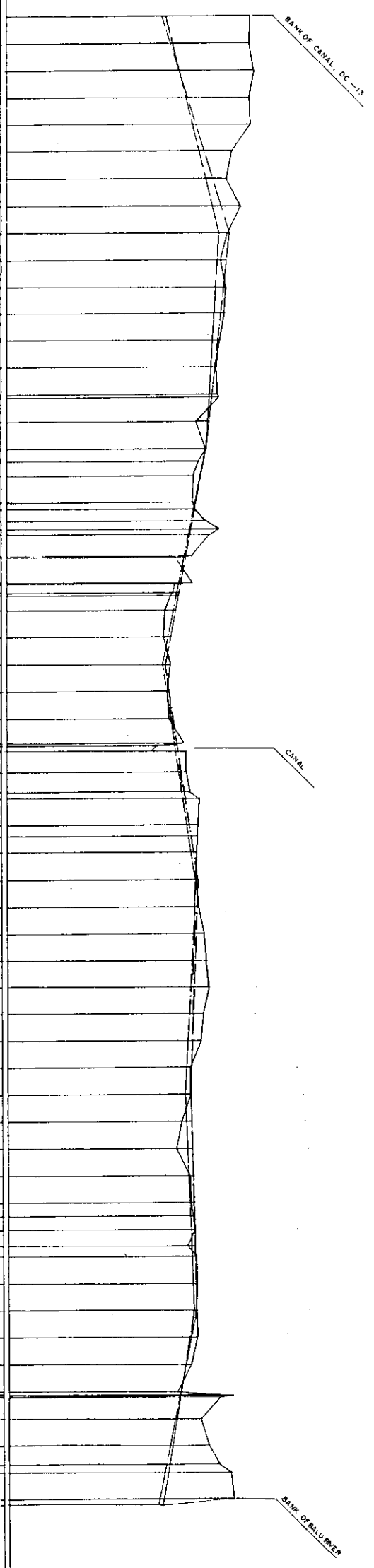
DL=0.00m (GTS)



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT (NE)			
CROSS SECTION			
SAILO GATE - DEMRA		SCALE	H=1:200 V=1:100
DWG NO.	PE/C-8	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

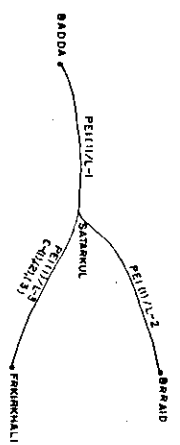


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PROPOSED EMBANKMENT(NE)			
CROSS SECTION			
SAILO GATE--DEMRA		SCALE	H=1:200 V=1:100
DWG NO	PE/C-9.	DATE	OCTOBER 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



STATION NO	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING		PROPOSED	
			GROUND ELEVATION	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT
0	2150	0	L: 0.962 R: 0.791	4.121		
+50	2200	50		4.080		
+100	2250	50		4.265		
+150	2300	50		4.050		
+200	2350	50		4.121		
+250	2400	50		3.426		
+300	2450	50		3.225		
+350	2500	50		3.777		
1	2550	50	L: 2.980 R: 3.579	3.241		
+50	2600	50		3.022		
+100	2650	50		3.261		
+150	2700	50		3.141		
+200	2750	50		2.997		
+250	2800	50		2.871		
+300	2850	50		2.830		
+306	2856	6		2.506		
+350	2900	44		2.096		
2	2950	50	L: 2.486 R: 2.496	2.486		
+25	2973	23		2.946		
+50	3000	27		1.976		
+100	3050	50		1.986		
+113	3065	15		2.036		
+134	3084	19		2.466		
+159	3109	25		2.806		
+200	3150	41		1.906		
+220	3172	22		1.506		
+250	3200	28		1.806		
+275	3225	25		1.106		
+300	3250	25		0.906		
+350	3300	50		0.856		
3	3350	50	L: 0.906 R: 0.806	1.106		
+50	3400	50		1.006		
+100	3450	50		1.056		
+148	3500	50		1.706		
+199	3550	50		1.706		
+200	3550	40		1.886		
+237	3587	37		2.206		
+250	3600	13		2.386		
+300	3650	50		2.126		
+320	3670	20		2.096		
+350	3700	30		2.086		
4	3750	50	L: 2.036 R: 2.146	2.086		
+50	3800	50		2.156		
+100	3850	50		2.356		
+150	3900	50		2.446		
+200	3950	50		2.536		
+250	4000	50		2.516		
+300	4050	50		2.216		
+350	4100	50		1.826		
5	4150	50	L: 1.826 R: 1.606	1.836		
+50	4200	50		1.476		
+100	4250	50		1.306		
+150	4300	50		1.706		
+200	4350	50		1.756		
+225	4375	25		1.826		
+250	4400	25		2.486		
+280	4430	30		1.706		
+300	4450	20		2.506		
+350	4500	50		2.056		
6	4550	50	L: 2.071 R: 1.956	2.046		
+50	4600	50		2.046		
+100	4650	50		1.826		
+150	4700	50		2.196		
+200	4750	50		2.486		
+250	4800	50		2.906		
+285	4835	35		3.306		
+300	4850	15		3.406		
+350	4900	50	L: 0.806 R: 0.771	3.406		

LEGEND
TOP OF EMBANKMENT
GROUND ELEVATION
RIGHT
LEFT



GREATER DHAKA PROTECTION PROJECT

(STUDY IN DHAKA METROPOLITAN AREA)

BANGLADESH FLOODACTION PLAN NO. BA

DHAKA METROPOLITAN AREA

PROPOSED INNER EMBANKMENT

LONG SECTION

SATARKUL-FAKIRKHALI

SCALE

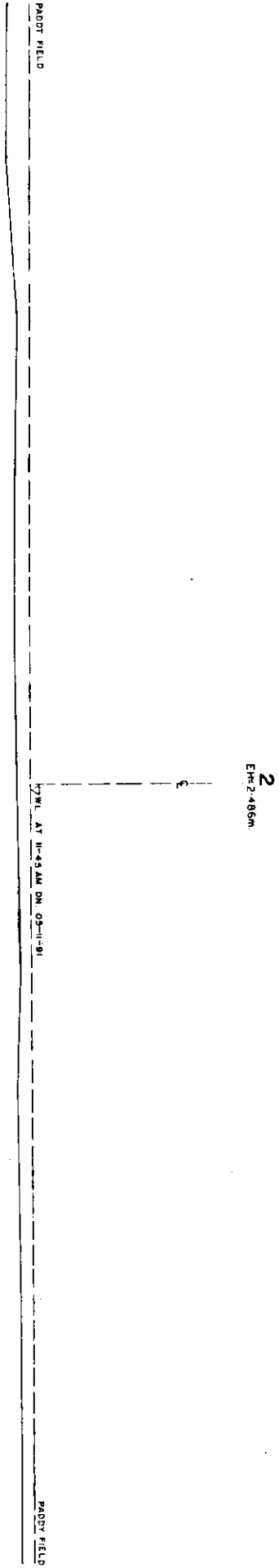
DATE

OCTOBER, 1998

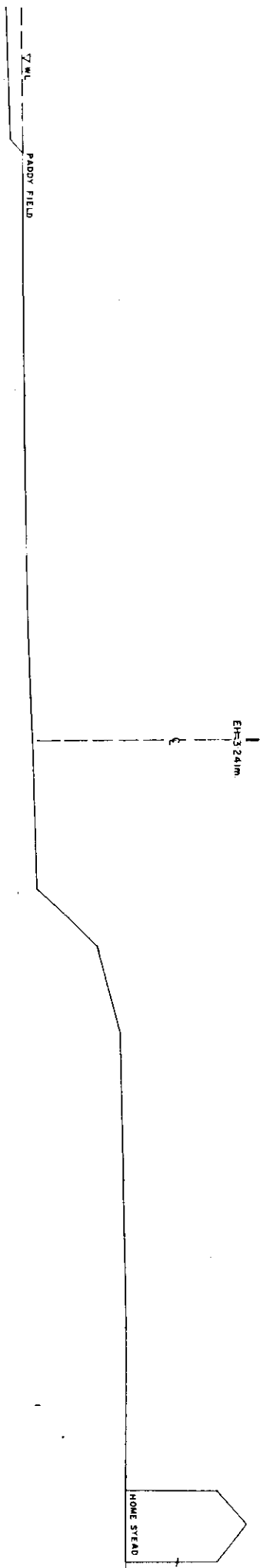
DATE

OCTOBER, 1998

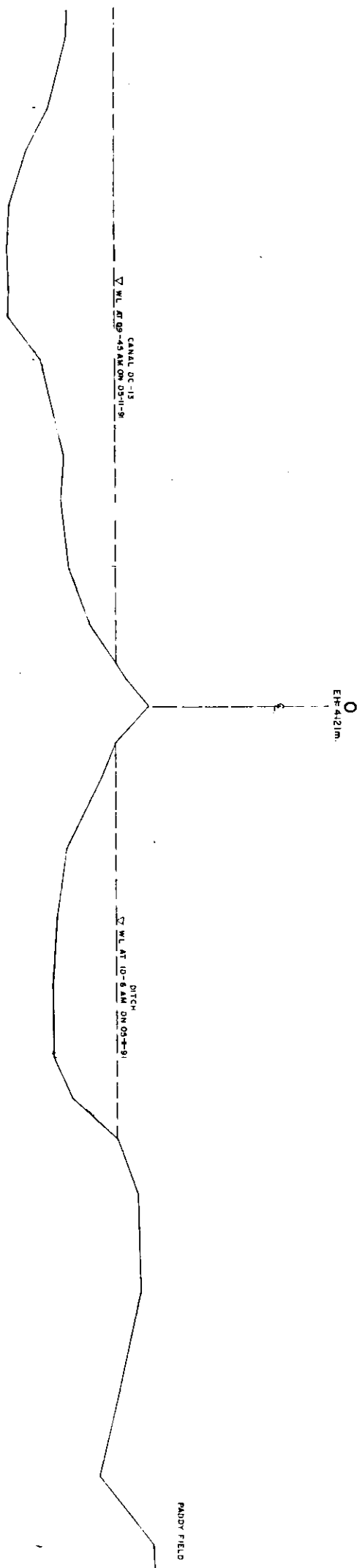
292



DL=0.00m (GTS)



DL=0.00m (GTS)



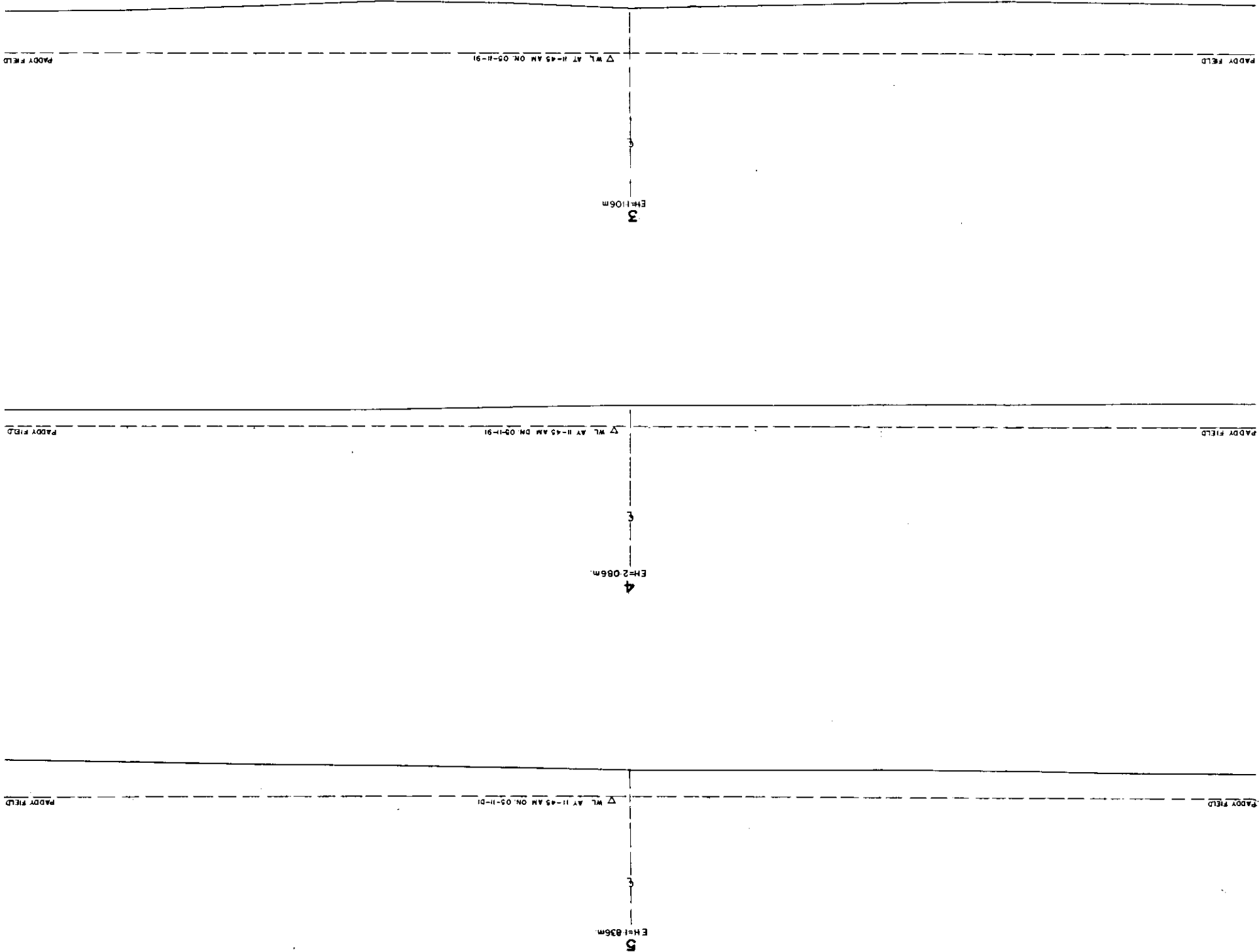
DL=0.00m (GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
PROPOSED INNER EMBANKMENT			
CROSS SECTION			
SATARKUL-FAKIRKHALI	SCALE	H=1:200	V=1:100
DWG NO.	PE III/C- (I)	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

DL+0.00m (GTS)

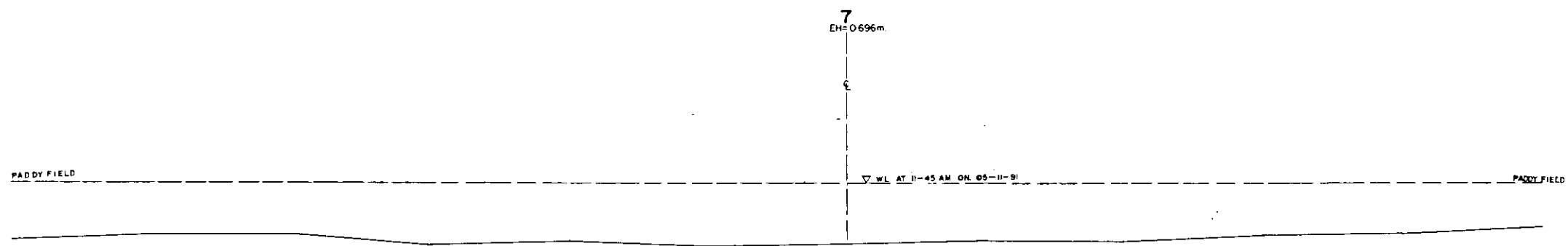
DL+0.00m (GTS)

DL+0.00m (GTS)

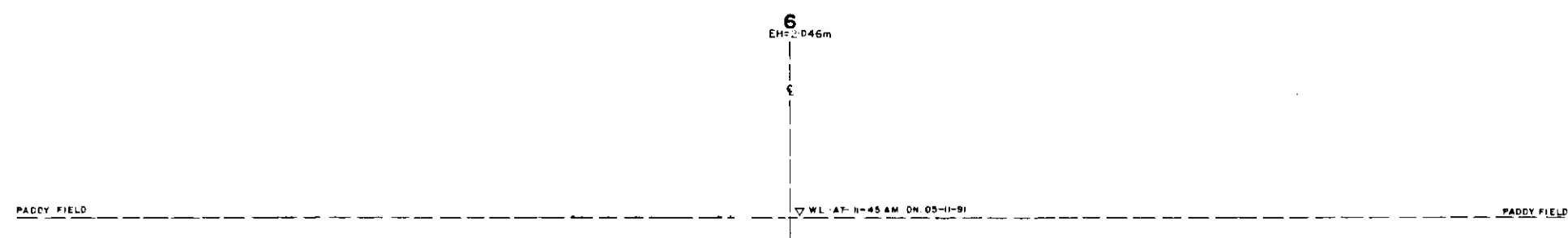


JAPAN INTERNATIONAL COOPERATION AGENCY			
DWG NO.	PEI(II)/C-(2)	DATE	OCTOBER, 1991
SARAKU-FAKKHALLI		SCALE	1:200
CROSS SECTION			
PROPOSED INNER EMBANKMENT			
DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. BA			
(STUDY IN DHAKA METROPOLITAN AREA)			
GREATER DHAKA PROTECTION PROJECT			

291

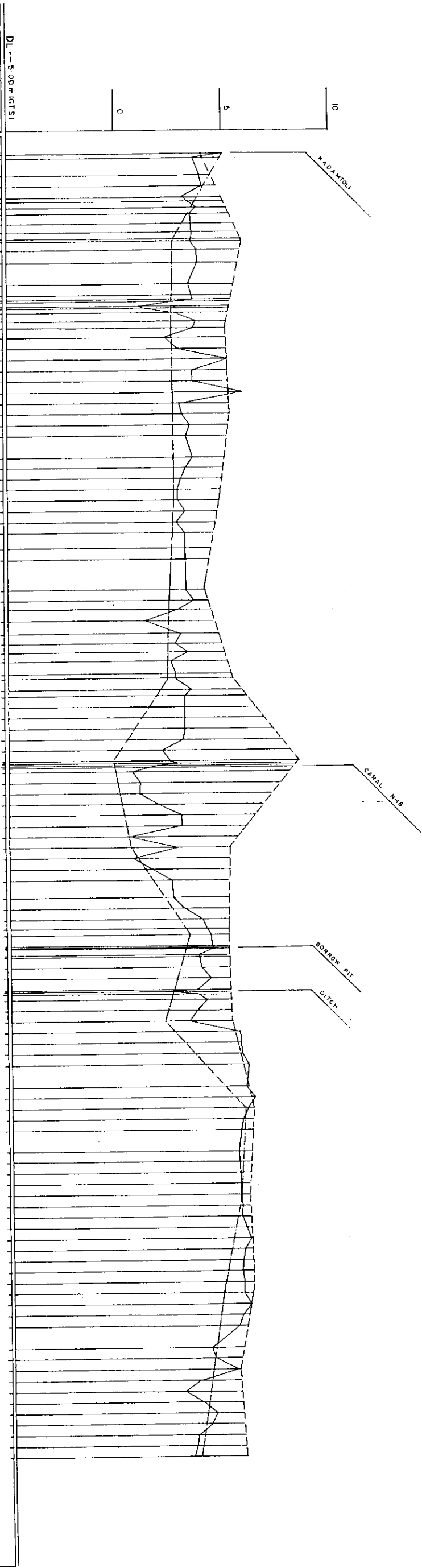


DL=0.00m (GTS)



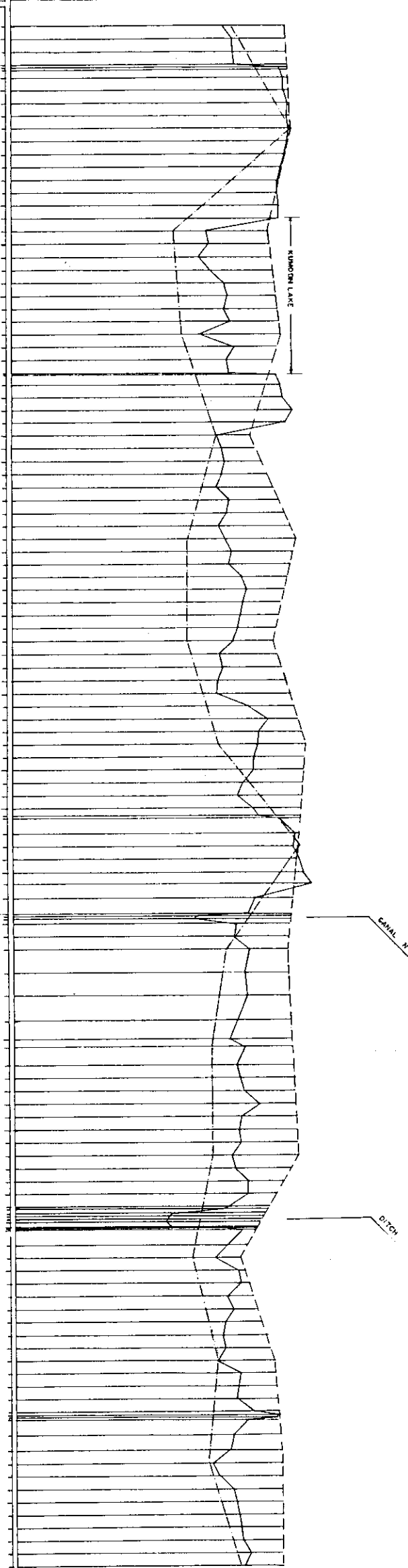
DL=0.00m (GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED INNER EMBANKMENT			
CROSS SECTION			
SATARKUL-FAKIRKHALI		SCALE	H=200 V=100
DWG NO.	PEI(1)/C-(3)	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING		PROPOSED	
			ELEVATION OF CENTRE LINE	GROUND ELEVATION	TOP OF CONCRETE WALL	TOP OF EMBANKMENT
0+00	0.00	0.00	3.957	3.957		
0+05	5.00	5.00	3.957	3.957		
0+10	10.00	10.00	3.957	3.957		
0+15	15.00	15.00	3.957	3.957		
0+20	20.00	20.00	3.957	3.957		
0+25	25.00	25.00	3.957	3.957		
0+30	30.00	30.00	3.957	3.957		
0+35	35.00	35.00	3.957	3.957		
0+40	40.00	40.00	3.957	3.957		
0+45	45.00	45.00	3.957	3.957		
0+50	50.00	50.00	3.957	3.957		
0+55	55.00	55.00	3.957	3.957		
0+60	60.00	60.00	3.957	3.957		
0+65	65.00	65.00	3.957	3.957		
0+70	70.00	70.00	3.957	3.957		
0+75	75.00	75.00	3.957	3.957		
0+80	80.00	80.00	3.957	3.957		
0+85	85.00	85.00	3.957	3.957		
0+90	90.00	90.00	3.957	3.957		
0+95	95.00	95.00	3.957	3.957		
1+00	100.00	100.00	3.957	3.957		
1+05	105.00	105.00	3.957	3.957		
1+10	110.00	110.00	3.957	3.957		
1+15	115.00	115.00	3.957	3.957		
1+20	120.00	120.00	3.957	3.957		
1+25	125.00	125.00	3.957	3.957		
1+30	130.00	130.00	3.957	3.957		
1+35	135.00	135.00	3.957	3.957		
1+40	140.00	140.00	3.957	3.957		
1+45	145.00	145.00	3.957	3.957		
1+50	150.00	150.00	3.957	3.957		
1+55	155.00	155.00	3.957	3.957		
1+60	160.00	160.00	3.957	3.957		
1+65	165.00	165.00	3.957	3.957		
1+70	170.00	170.00	3.957	3.957		
1+75	175.00	175.00	3.957	3.957		
1+80	180.00	180.00	3.957	3.957		
1+85	185.00	185.00	3.957	3.957		
1+90	190.00	190.00	3.957	3.957		
1+95	195.00	195.00	3.957	3.957		
2+00	200.00	200.00	3.957	3.957		
2+05	205.00	205.00	3.957	3.957		
2+10	210.00	210.00	3.957	3.957		
2+15	215.00	215.00	3.957	3.957		
2+20	220.00	220.00	3.957	3.957		
2+25	225.00	225.00	3.957	3.957		
2+30	230.00	230.00	3.957	3.957		
2+35	235.00	235.00	3.957	3.957		
2+40	240.00	240.00	3.957	3.957		
2+45	245.00	245.00	3.957	3.957		
2+50	250.00	250.00	3.957	3.957		
2+55	255.00	255.00	3.957	3.957		
2+60	260.00	260.00	3.957	3.957		
2+65	265.00	265.00	3.957	3.957		
2+70	270.00	270.00	3.957	3.957		
2+75	275.00	275.00	3.957	3.957		
2+80	280.00	280.00	3.957	3.957		
2+85	285.00	285.00	3.957	3.957		
2+90	290.00	290.00	3.957	3.957		
2+95	295.00	295.00	3.957	3.957		
3+00	300.00	300.00	3.957	3.957		

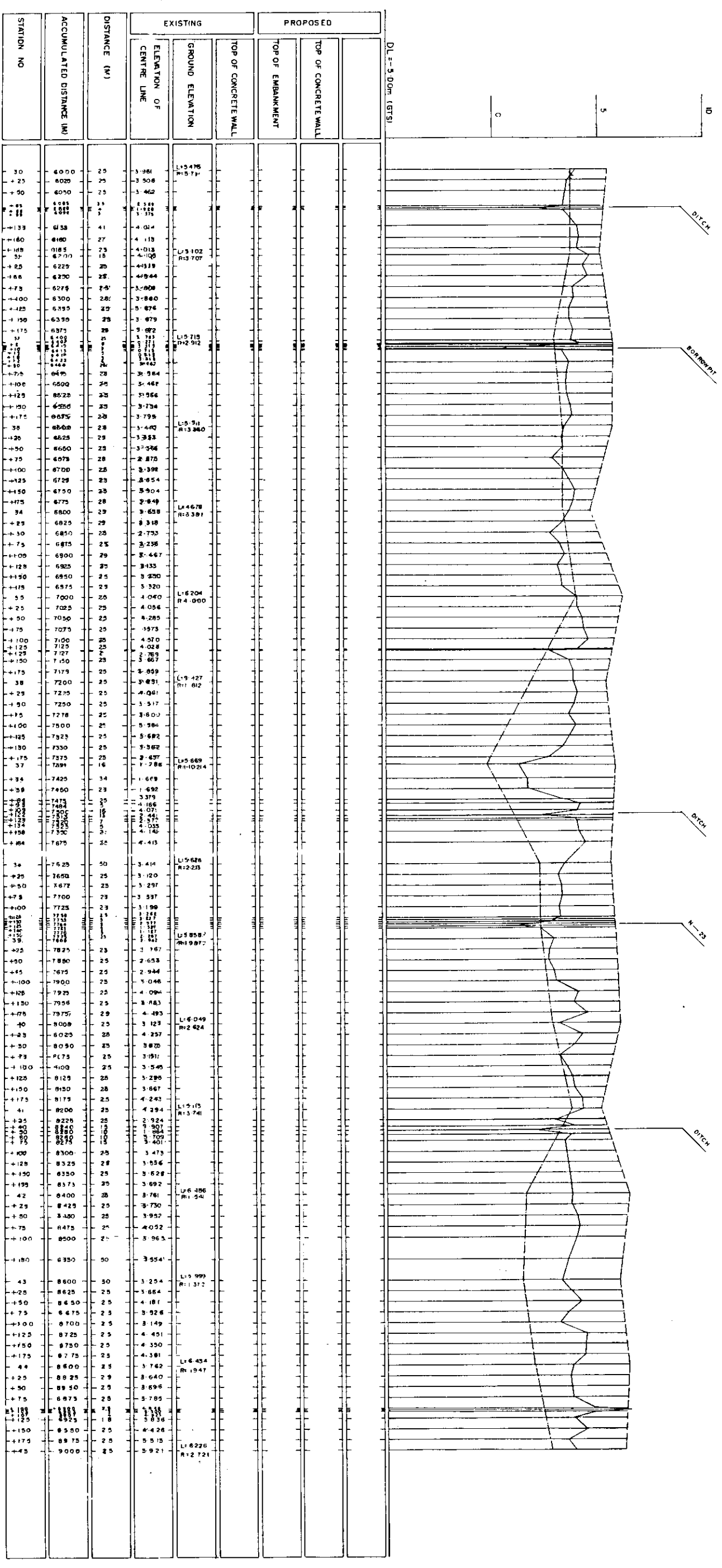
LEGEND
ELEVATION OF CENTRE LINE
GROUND ELEVATION
LEFT
RIGHT



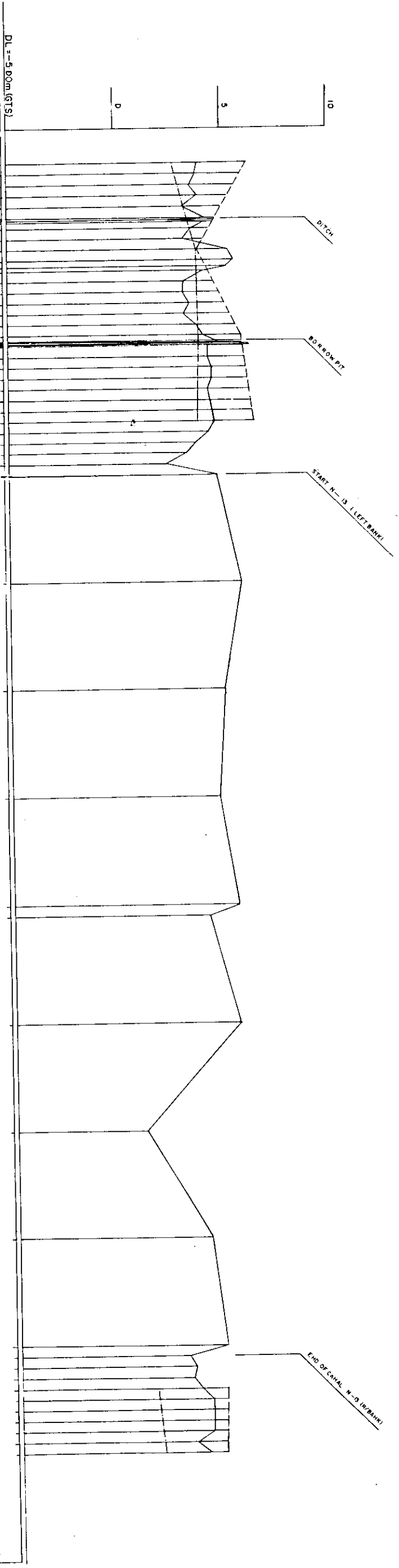
STATION NO	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING		PROPOSED	
			ELEVATION OF CENTRE LINE	GROUND ELEVATION	TOP OF CONCRETE WALL	TOP OF EMBANKMENT
15	3000	25	5.251	L: 5.727 R: 5.688		
25	3025	25	5.645			
35	3050	25	5.705			
45	3075	25	5.743			
55	3100	25	5.785			
65	3125	25	5.732			
75	3150	25	5.871			
85	3175	25	5.815			
95	3200	25	5.894	L: 5.987 R: 5.959		
105	3225	25	5.850			
115	3250	25	5.797			
125	3275	25	5.597			
135	3300	25	5.480			
145	3325	25	5.475			
155	3350	25	5.532			
165	3375	25	5.492			
175	3400	25	2.644	L: 5.072 R: 5.532		
185	3425	25	2.750			
195	3450	25	2.535			
205	3475	25	2.740			
215	3500	25	3.360			
225	3525	25	3.448			
235	3550	25	3.309			
245	3575	25	3.585			
255	3600	25	2.501	L: 5.591 R: 5.692		
265	3625	25	3.737			
275	3650	25	3.435			
285	3677	27	3.507			
295	3680	3	3.587			
305	3700	20	3.543			
315	3725	25	5.632			
325	3750	25	5.060			
335	3775	25	5.785			
345	3800	25	3.060	L: 4.311 R: 3.008		
355	3825	25	3.265			
365	3850	25	3.385			
375	3875	25	3.205			
385	3900	25	3.084			
395	3925	25	3.521			
405	3950	25	3.430			
415	3975	25	3.147			
425	4000	25	3.358	L: 6.187 R: 5.859		
435	4025	25	3.624			
445	4050	25	3.490			
455	4075	25	4.053			
465	4100	25	4.203			
475	4125	25	4.083			
485	4150	25	3.543			
495	4175	25	3.825			
505	4200	25	5.690	L: 5.225 R: 5.858		
515	4225	25	5.108			
525	4250	25	5.282			
535	4275	25	5.072			
545	4300	25	5.024			
555	4325	25	4.238			
565	4350	25	5.086			
575	4375	25	4.644			
585	4400	25	4.648	L: 5.504 R: 3.008		
595	4425	25	4.484			
605	4450	25	4.467			
615	4475	25	4.036			
625	4500	25	3.825			
635	4525	25	4.467			
645	4550	25	4.874			
655	4575	25	5.485			
665	4600	25	6.085	L: 6.172 R: 6.244		
675	4625	25	6.000			
685	4650	25	6.242			
695	4672	22	6.400			
705	4700	28	6.729			
715	4725	25	4.498			
725	4750	25	4.220			
735	4775	25	3.535	L: 5.725 R: 3.337		
745	4800	25	4.281			
755	4825	25	4.068			
765	4850	25	4.184			
775	4875	25	3.782			
785	4900	25	3.454			
795	4925	25	4.053	L: 5.921 R: 2.781		
805	4950	25	3.742			
815	4975	25	3.858			
825	5000	25	4.034			
835	5025	25	4.605			
845	5050	25	3.543			
855	5075	25	3.825			
865	5100	25	3.885			
875	5125	25	3.548	L: 6.166 R: 2.768		
885	5150	25	3.678			
895	5175	25	4.158			
905	5200	25	4.166			
915	5225	25	3.778			
925	5250	25	3.778			
935	5275	25	3.778			
945	5300	25	3.778			
955	5325	25	3.778			
965	5350	25	3.778			
975	5375	25	3.778			
985	5400	25	3.778			
995	5425	25	3.778			
1005	5450	25	3.778			
1015	5475	25	3.778			
1025	5500	25	3.778			
1035	5525	25	3.778			
1045	5550	25	3.778			
1055	5575	25	3.778			
1065	5600	25	3.778			
1075	5625	25	3.778			
1085	5650	25	3.778			
1095	5675	25	3.778			
1105	5700	25	3.778			
1115	5725	25	3.778			
1125	5750	25	3.778			
1135	5775	25	3.778			
1145	5800	25	3.778			
1155	5825	25	3.778			
1165	5850	25	3.778			
1175	5875	25	3.778			
1185	5900	25	3.778			
1195	5925	25	3.778			
1205	5950	25	3.778			
1215	5975	25	3.778			
1225	6000	25	3.778			

LEGEND
ELEVATION OF CENTRE LINE
GROUND ELEVATION
LEFT
RIGHT

290



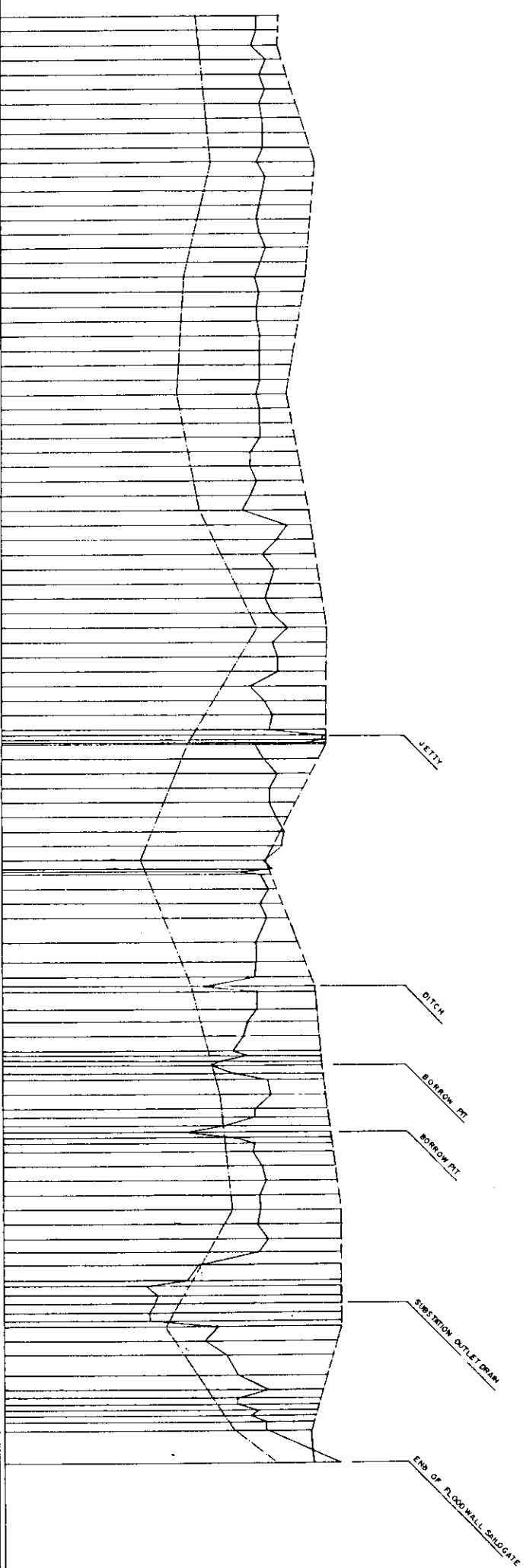
LEGEND
ELEVATION OF CENTRE LINE
GROUND ELEVATION
LEFT
RIGHT



STATION NO	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			ELEVATION OF CENTRE LINE	GROUND ELEVATION	TOP OF CONCRETE WALL	TOP OF EMBANKMENT	TOP OF CONCRETE WALL	TOP OF EMBANKMENT
48	9000	25	3.921	3.921				
+25	9025	25	3.858	3.858				
+36	9050	25	3.565	3.565				
+47	9075	25	3.963	3.963				
+100	9100	25	3.203	3.203				
+121	9125	25	3.177	3.177				
+132	9150	25	3.166	3.166				
+143	9175	25	3.218	3.218				
+154	9200	25	3.238	3.238				
+165	9225	25	3.292	3.292				
+176	9250	25	3.232	3.232				
+187	9275	25	3.270	3.270				
+198	9300	25	3.252	3.252				
+209	9325	25	3.333	3.333				
+220	9350	25	3.295	3.295				
+231	9375	25	3.644	3.644				
+242	9400	25	4.167	4.167				
+253	9425	25	4.714	4.714				
+264	9450	25	4.683	4.683				
+275	9475	25	4.683	4.683				
+286	9500	25	4.534	4.534				
+297	9525	25	4.557	4.557				
+308	9550	25	4.479	4.479				
+319	9575	25	4.520	4.520				
+330	9600	25	4.644	4.644				
+341	9625	25	4.588	4.588				
+352	9650	25	3.779	3.779				
+363	9675	25	3.812	3.812				
+374	9700	25	3.572	3.572				
+385	9725	25	3.740	3.740				
+396	9750	25	3.884	3.884				
+407	9775	25	4.058	4.058				
+418	9800	25	4.775	4.775				
+429	9825	25	5.508	5.508				
+440	9850	25	4.440	4.440				
+451	9875	25	5.512	5.512				
+462	9900	25	4.640	4.640				
+473	9925	25	4.672	4.672				
+484	9950	25	3.166	3.166				
+495	9975	25	3.033	3.033				
+506	10000	25	3.436	3.436				
+517	10025	25	3.332	3.332				
+528	10050	25	3.635	3.635				
+539	10075	25	3.997	3.997				
+550	10100	25	3.508	3.508				
+561	10125	25	3.197	3.197				
+572	10150	25	3.625	3.625				
+583	10175	25	4.640	4.640				
+594	10200	25	4.672	4.672				
+605	10225	25	3.166	3.166				
+616	10250	25	3.033	3.033				
+627	10275	25	3.436	3.436				
+638	10300	25	3.332	3.332				
+649	10325	25	3.635	3.635				
+660	10350	25	3.997	3.997				
+671	10375	25	3.508	3.508				
+682	10400	25	3.197	3.197				
+693	10425	25	3.625	3.625				

LEGEND
 ELEVATION OF CENTRE LINE
 GROUND ELEVATION
 LEFT
 RIGHT

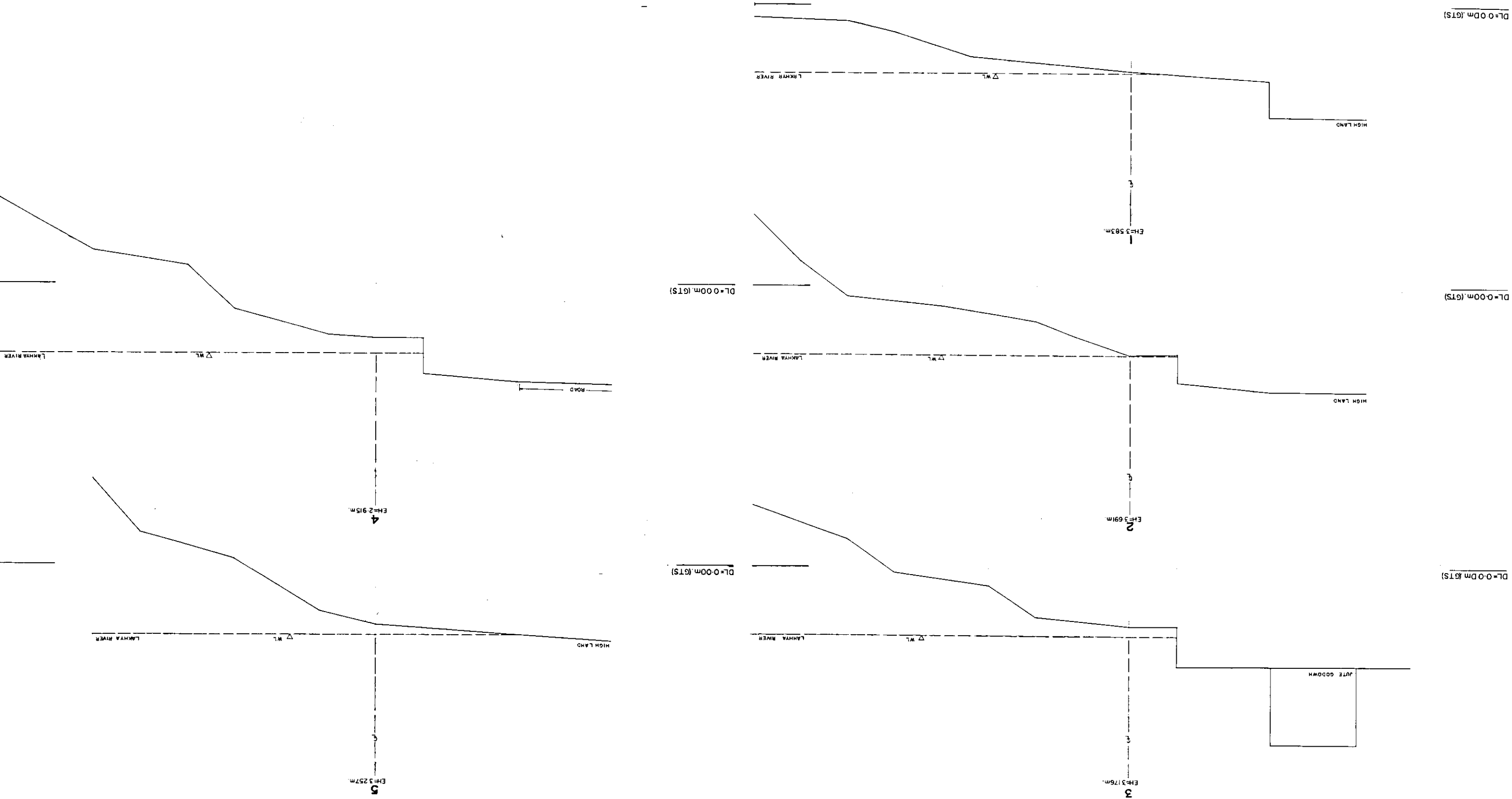
DL = 500 m (GTS)

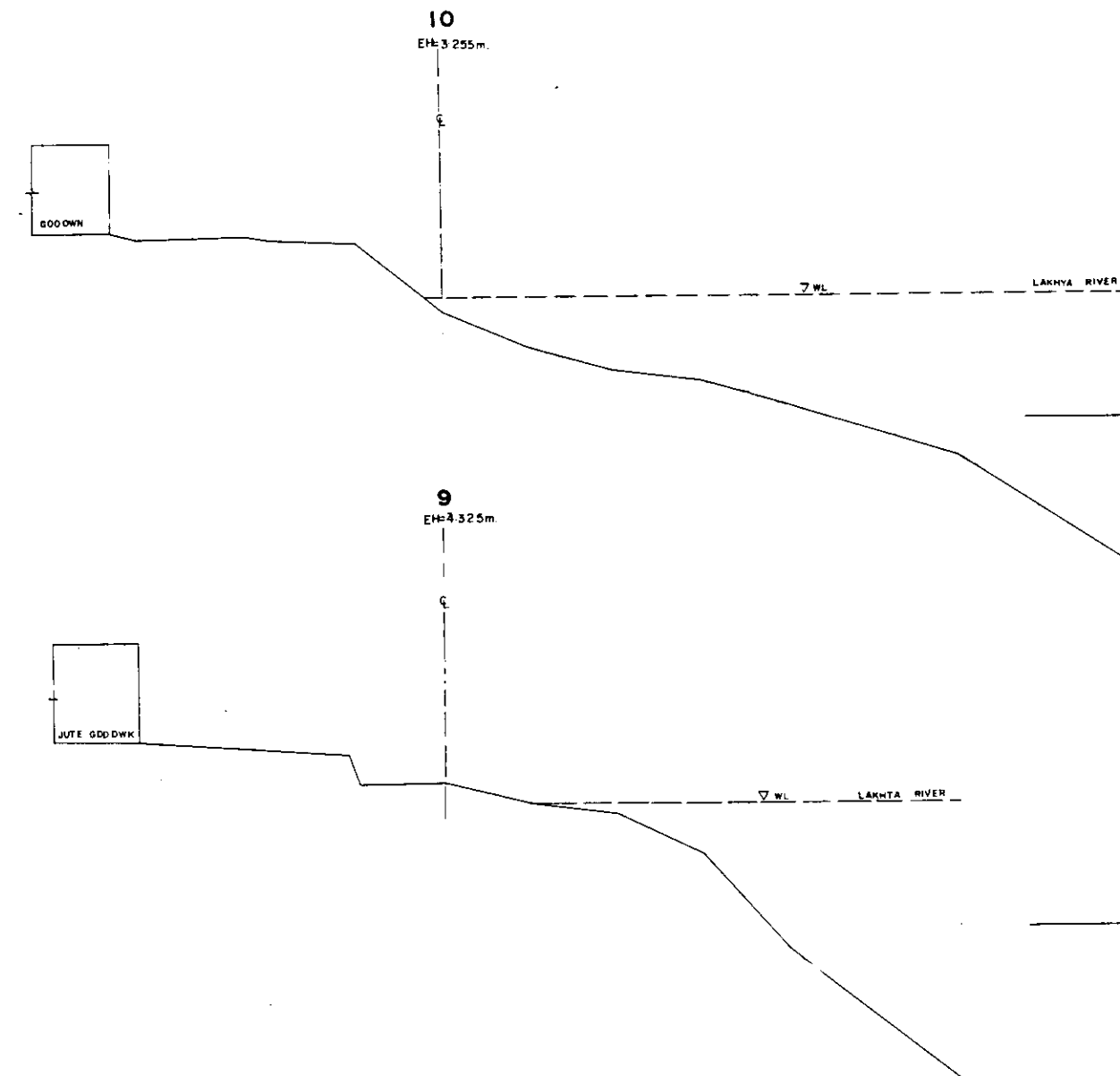
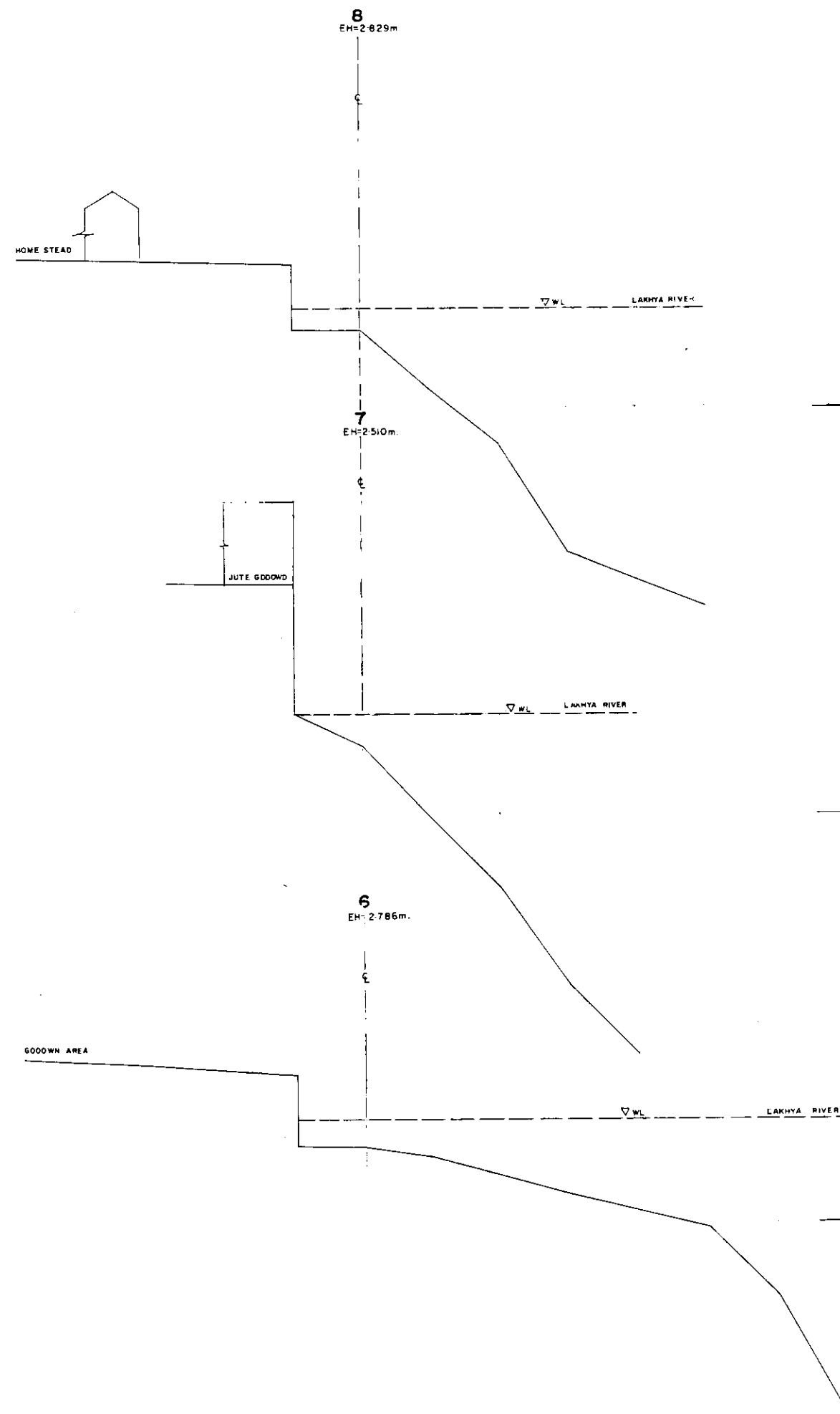


STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING		PROPOSED	
			ELEVATION OF CENTRE LINE	GROUND ELEVATION	TOP OF CONCRETE WALL	TOP OF EMBANKMENT
+150	12000	25	3.625			
+145	12025	25	3.622			
+140	12050	25	3.693			
+135	12075	25	4.151			
+130	12100	25	5.073			
+125	12125	25	4.152			
+120	12150	25	3.950			
+115	12175	25	4.020			
+110	12200	25	4.060			
+105	12225	25	4.099			
+100	12250	25	3.843			
+95	12275	25	4.135			
+90	12300	25	4.244			
+85	12325	25	5.089			
+80	12350	25	3.840			
+75	12375	25	3.935			
+70	12400	25	4.131			
+65	12425	25	5.959			
+60	12450	25	3.750			
+55	12475	25	3.313			
+50	12500	25	3.210			
+45	12525	25	3.008			
+40	12550	25	3.994			
+35	12575	25	3.928			
+30	12600	25	5.935			
+25	12625	25	3.916			
+20	12650	25	3.834			
+15	12675	25	3.525			
+10	12700	25	3.524			
+05	12725	25	3.163			
+00	12750	25	3.603			
-05	12775	25	3.807			
-10	12800	25	3.825			
-15	12825	25	3.611			
-20	12850	25	3.382			
-25	12875	25	4.300			
-30	12900	25	4.378			
-35	12925	25	4.005			
-40	12950	25	4.444			
-45	12975	25	4.284			
-50	13000	25	4.100			
-55	13025	25	4.375			
-60	13050	25	4.308			
-65	13075	25	4.192			
-70	13100	25	4.078			
-75	13125	25	4.587			
-80	13150	25	3.589			
-85	13175	25	4.067			
-90	13200	25	4.147			
-95	13225	25	4.124			
-100	13250	25	4.124			
-105	13275	25	4.080			
-110	13300	25	4.325			
-115	13325	25	4.288			
-120	13350	25	4.765			
-125	13375	25	4.500			
-130	13400	25	4.709			
-135	13425	25	4.714			
-140	13450	25	4.024			
-145	13475	25	4.124			
-150	13500	25	4.238			
-155	13525	25	3.916			
-160	13550	25	4.158			
-165	13575	25	3.785			
-170	13600	25	3.784			
-175	13625	25	3.747			
-180	13650	25	1.339			
-185	13675	25	3.835			
-190	13700	25	3.426			
-195	13725	25	3.472			
-200	13750	25	3.346			
-205	13775	25	3.442			
-210	13800	25	3.457			
-215	13825	25	4.168			
-220	13850	25	4.253			
-225	13875	25	3.741			
-230	13900	25	3.225			
-235	13925	25	3.643			
-240	13950	25	3.343			
-245	13975	25	3.815			
-250	14000	25	3.650			
-255	14025	25	3.983			
-260	14050	25	4.099			
-265	14075	25	3.878			
-270	14100	25	3.897			
-275	14125	25	5.795			
-280	14150	25	4.758			
-285	14175	25	5.895			
-290	14200	25	1.705			
-295	14225	25	1.305			
-300	14250	25	1.003			
-305	14275	25	0.305			
-310	14300	25	0.003			
-315	14325	25	0.003			
-320	14350	25	1.918			
-325	14375	25	2.688			
-330	14400	25	3.062			
-335	14425	25	4.155			
-340	14450	25	4.028			
-345	14475	25	4.028			
-350	14500	25	4.080			
-355	14525	25	8.636			

LEGEND
ELEVATION OF CENTRE LINE
GROUND ELEVATION
LEFT
RIGHT

JAPAN INTERNATIONAL COOPERATION AGENCY			
DWG NO.	PF/C-1	DATE	OCTOBER 1991
KADAMTOLI-SALOGATE	SCALE	H: 1:200	V: 1:100
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED FLOOD WALL (NE)			
CROSS SECTION			
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			

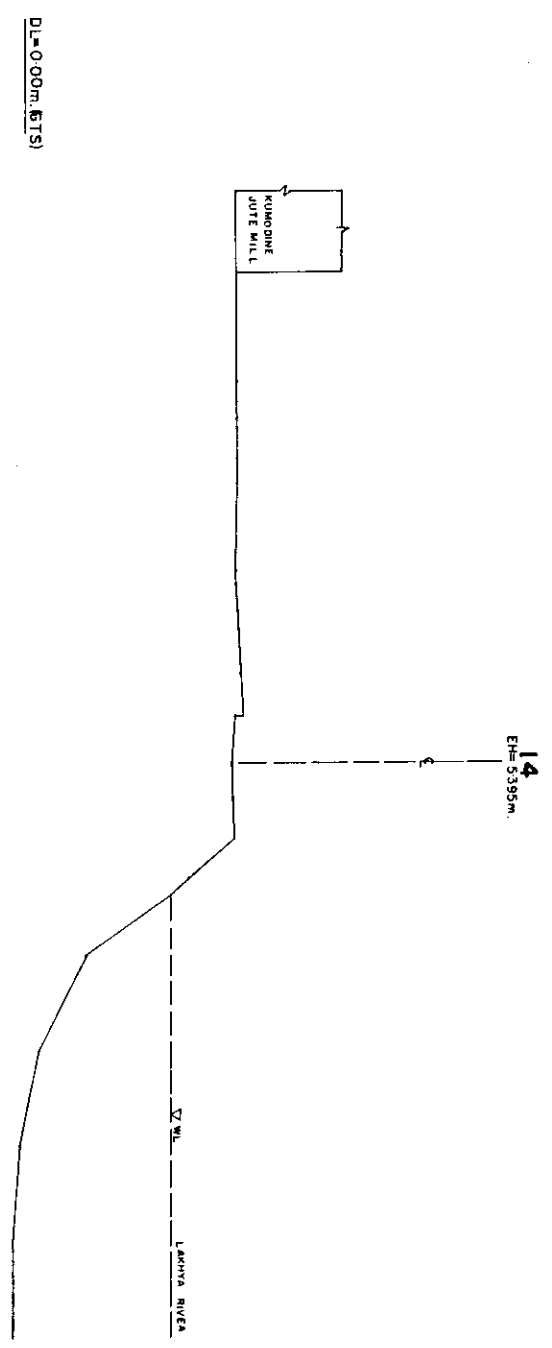
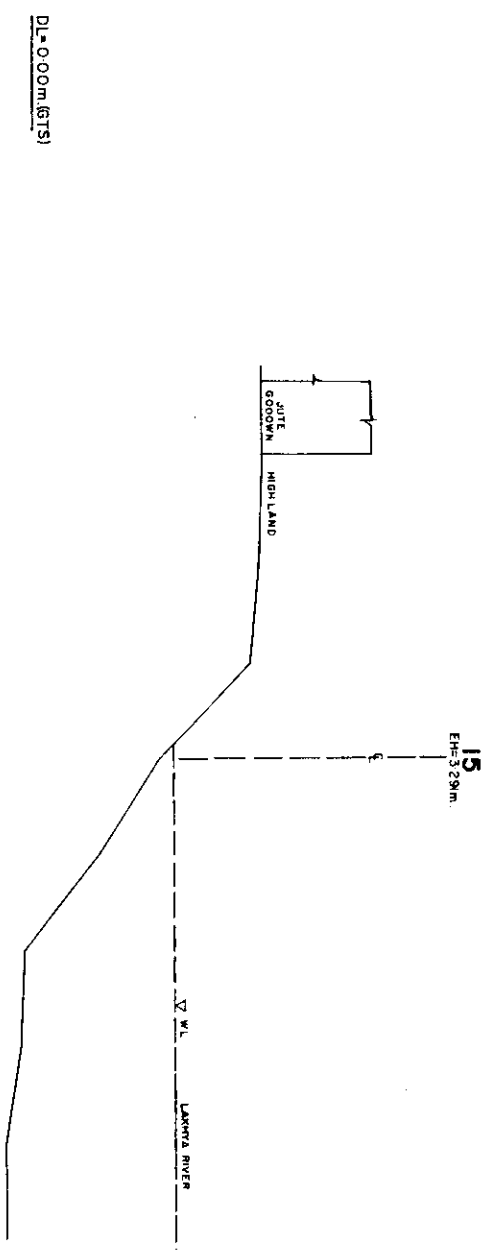
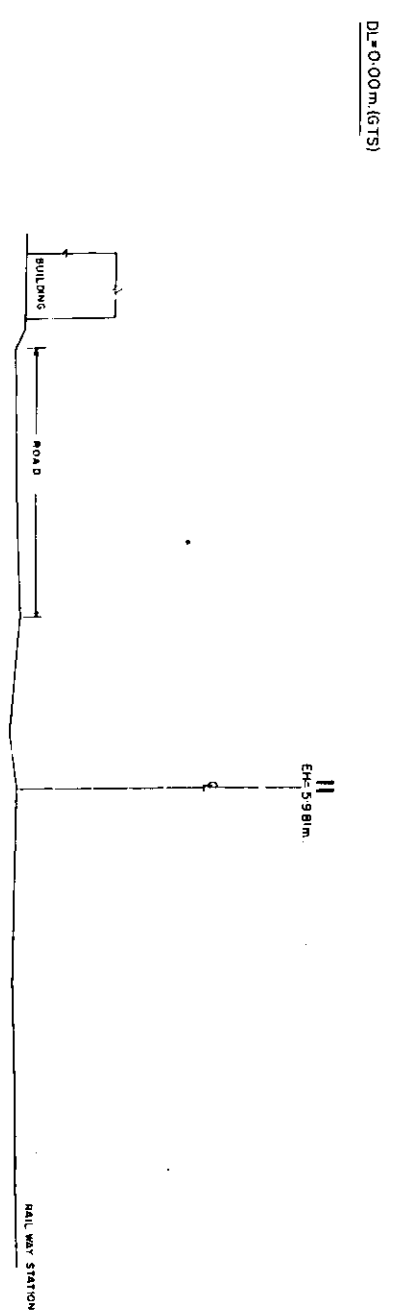
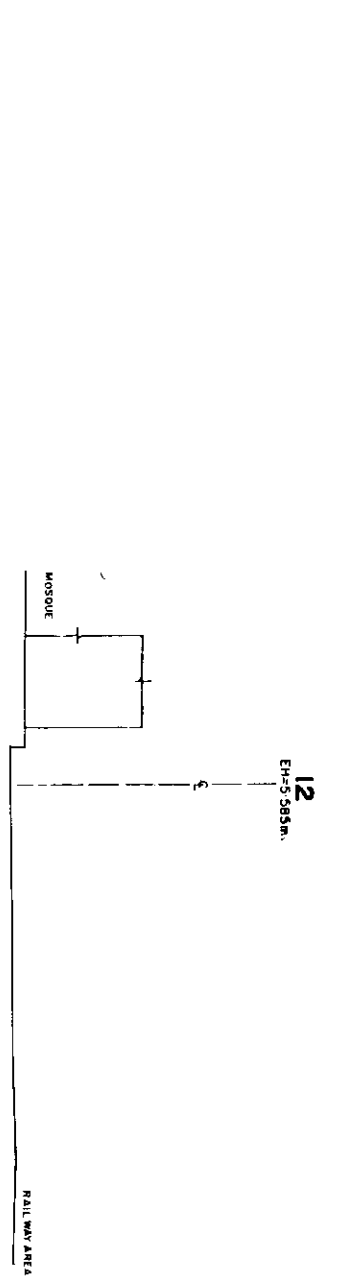
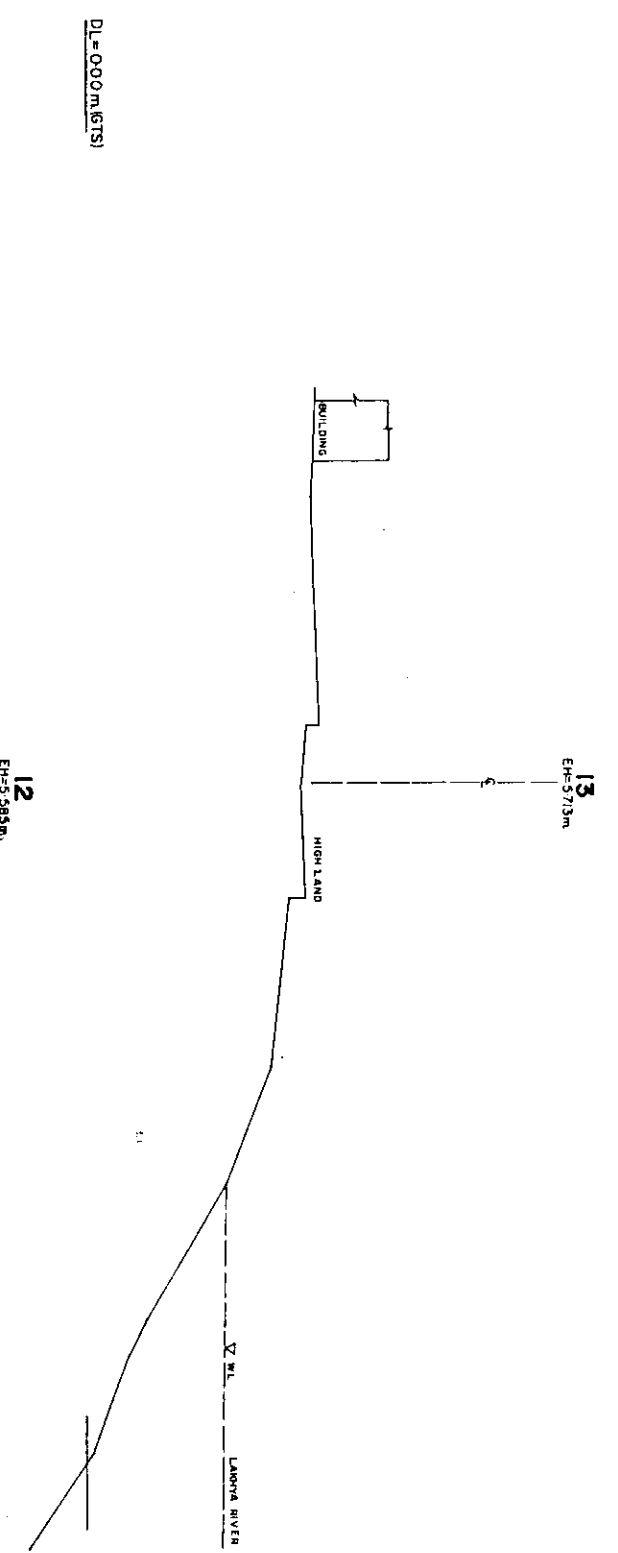




GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED FLOOD WALL (NE)			
CROSS SECTION			
KADAMTOLI - SAIOGATE	SCALE	H=1:200 V=1:100	
DWG NO.	PF/C-2	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

2/2

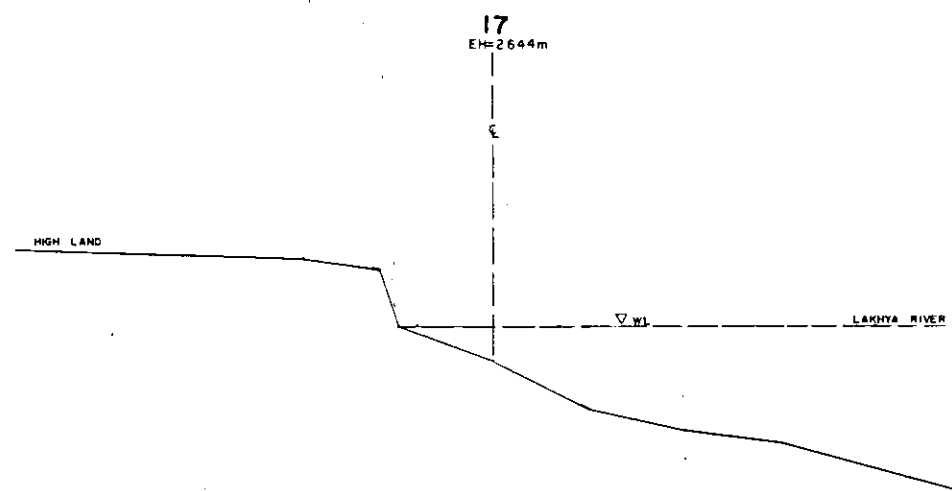
216



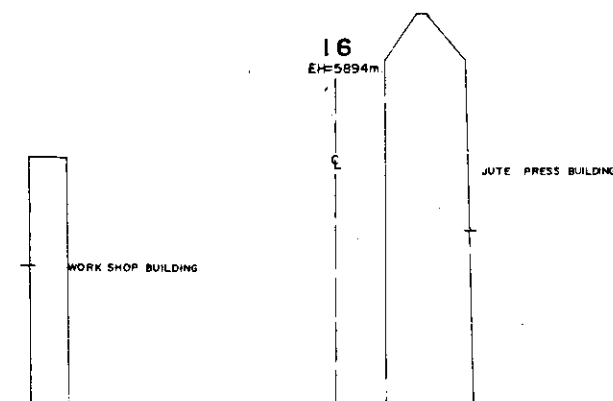
GREATER DHAKA PROTECTION PROJECT				
(STUDY IN DHAKA METROPOLITAN AREA)				
BANGLADESH FLOODACTION PLAN NO. 8A				
DHAKA METROPOLITAN AREA				
PROPOSED FLOOD WALL (NE)				
CROSS SECTION				
KADANTOLI - SAULO GATE	SCALE	DATE	VE. 1:200	VE. 1:100
DWG NO.	P.F./C-3	OCTOBER, 1991		
JAPAN INTERNATIONAL COOPERATION AGENCY				

240

DL=D.00m. (GTS)

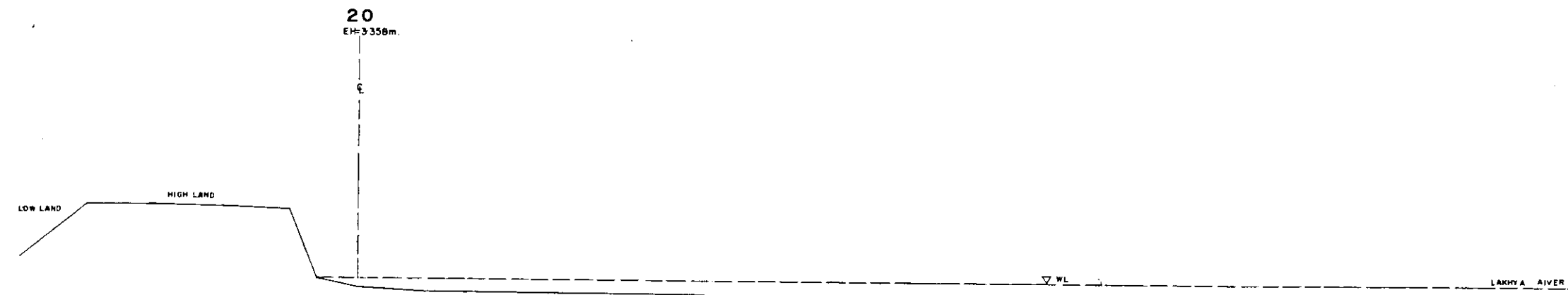


DL=0.00m. (GTS)



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA PROPOSED FLOOD WALL (NE) CROSS SECTION			
KADAMTOLI - SAILO GATE	SCALE	H= 1:200 V= 1:100	
DWG NO.	PF/C-4	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

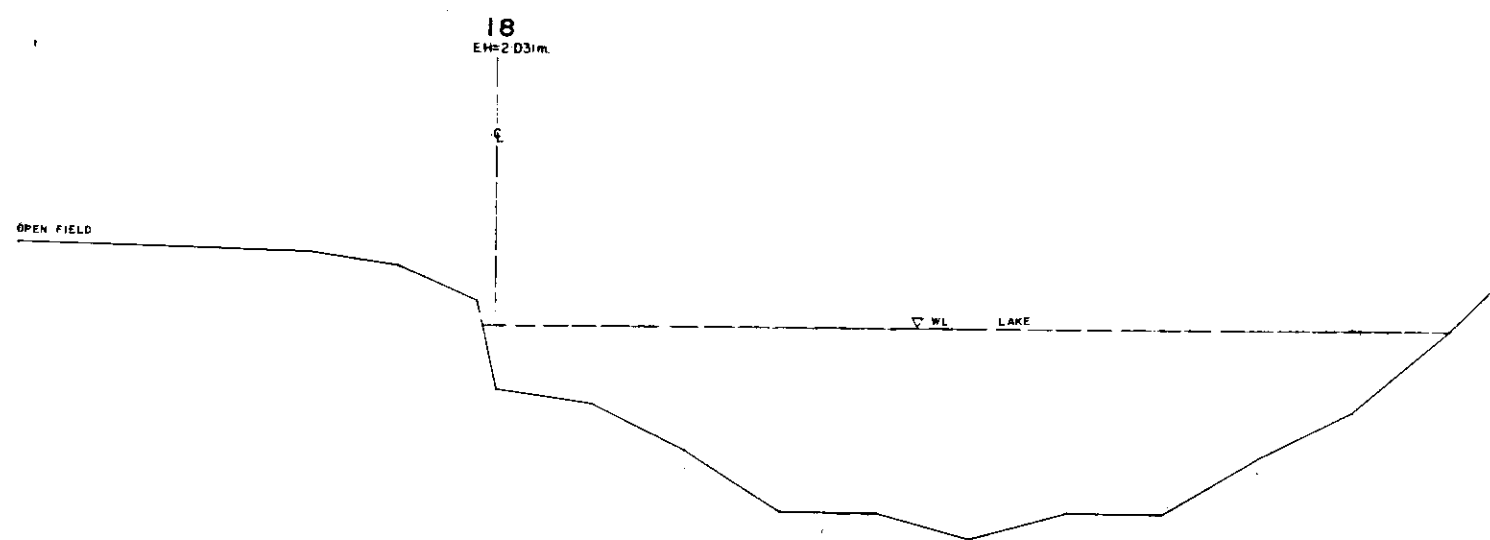
28



DL=0.00m.(GTS)

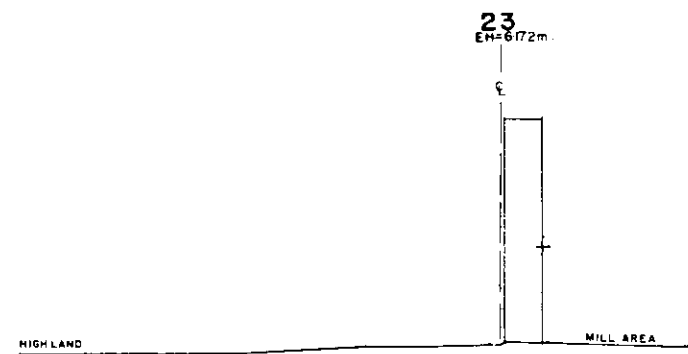


DL=0.00m.(GTS)

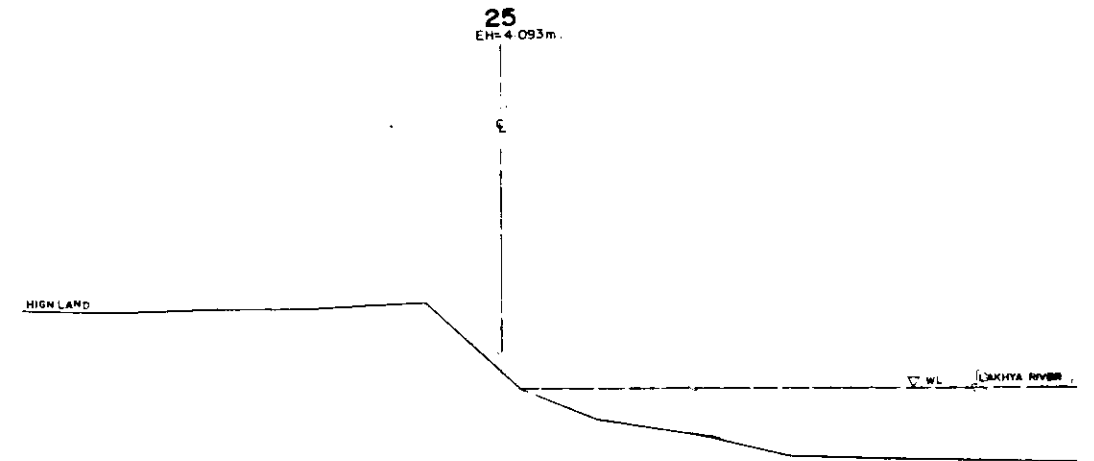


DL=0.00m.(GTS)

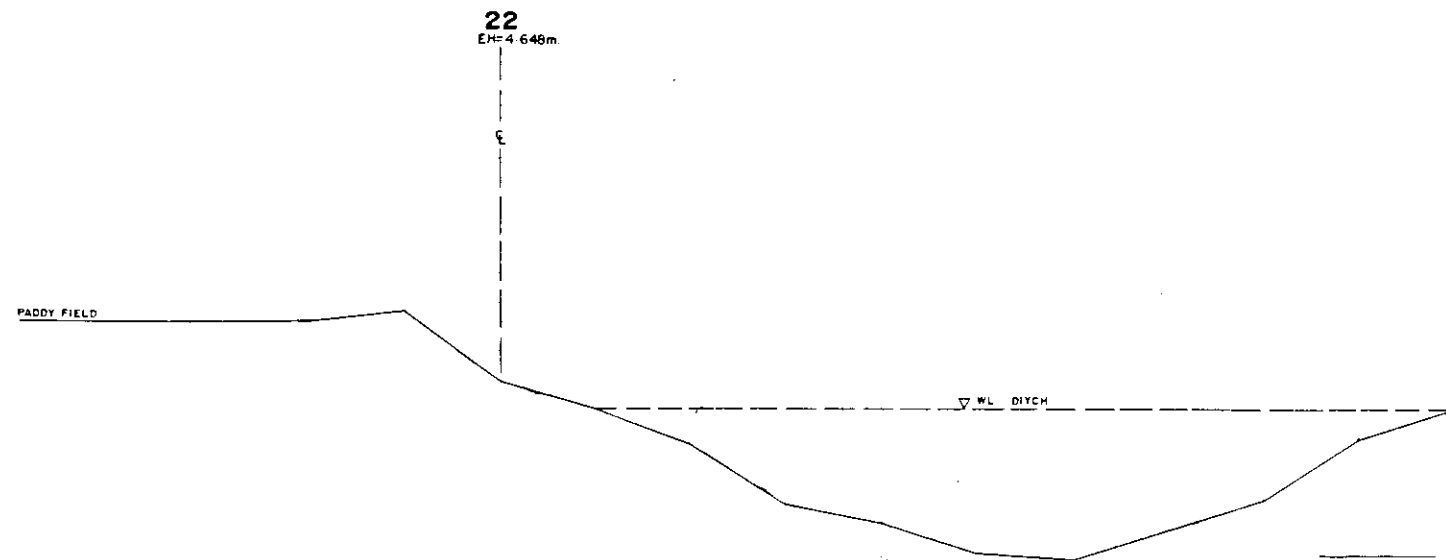
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED FLOOD WALL (NE)			
CROSS SECTION			
KADAMTOLI -SAILO GATE	SCALE	H=1:200 V=1:100	
DWGND.	PF/C-5	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



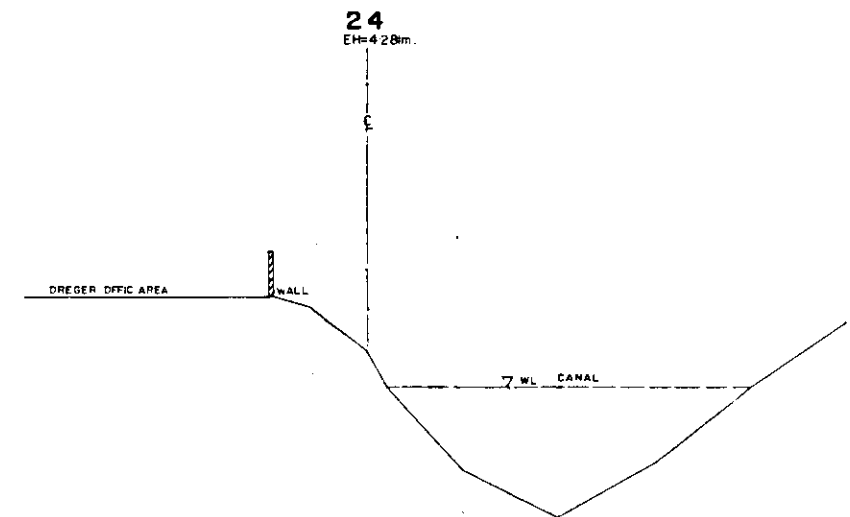
DL=0.00m.(GTS)



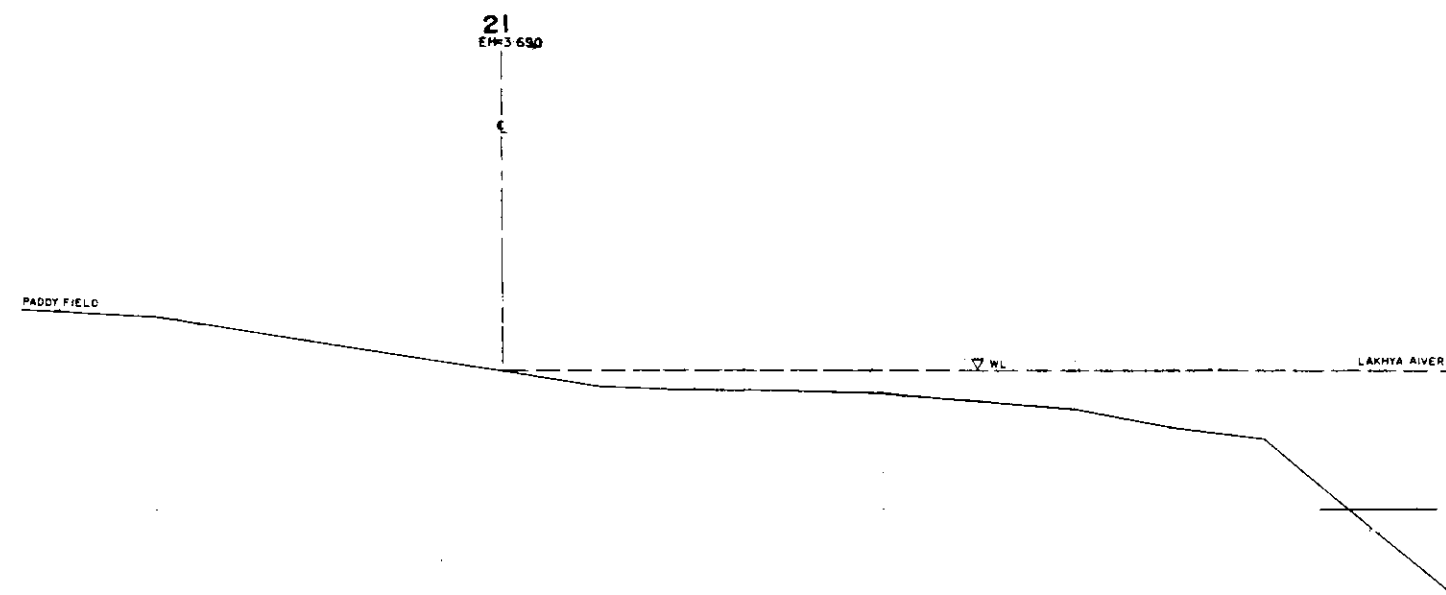
DL=0.00m.(GTS)



DL=0.00m.(GTS)



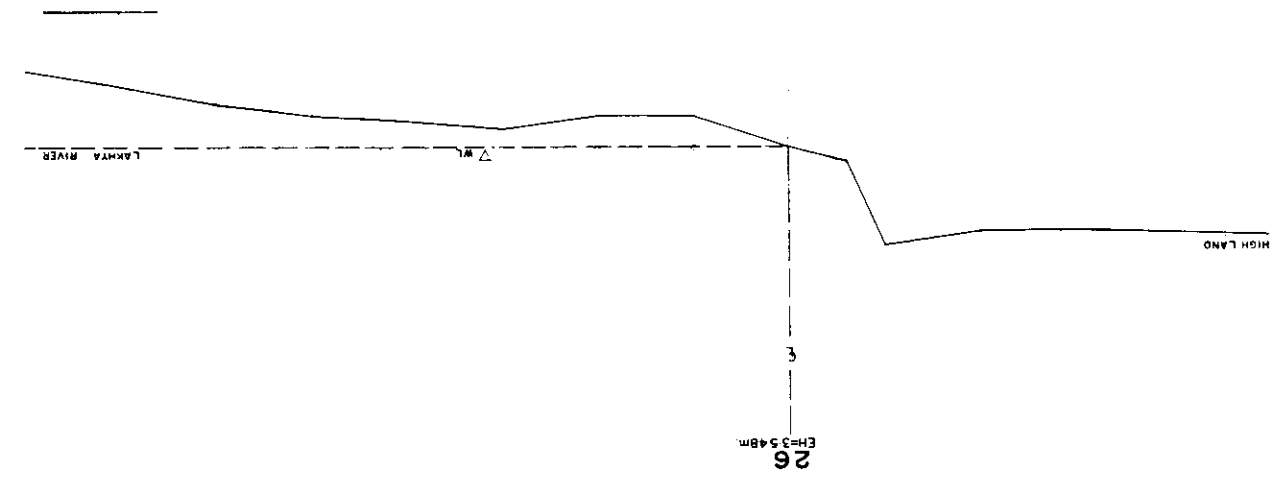
DL=0.00m.(GTS)



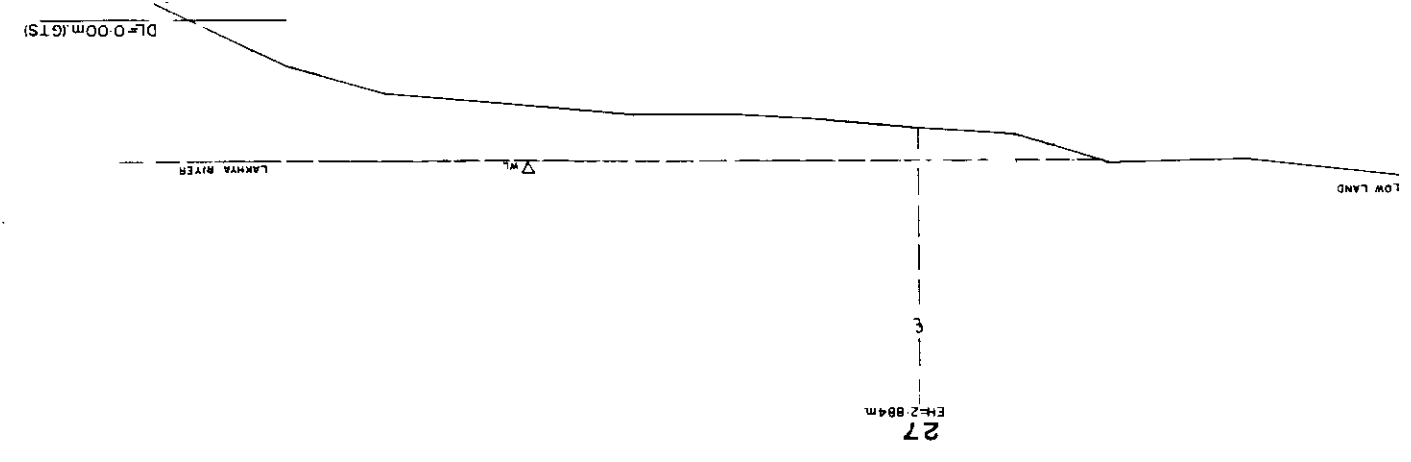
DL=0.00m.(GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.BA			
DHAKA METROPOLITAN AREA			
PROPOSED FLOOD WALL (NE)			
CROSS SECTION			
KADAMTOLI-SAILOGATE	SCALE	H=1:200 V=1:100	
DWG NO.	PF/C-6	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

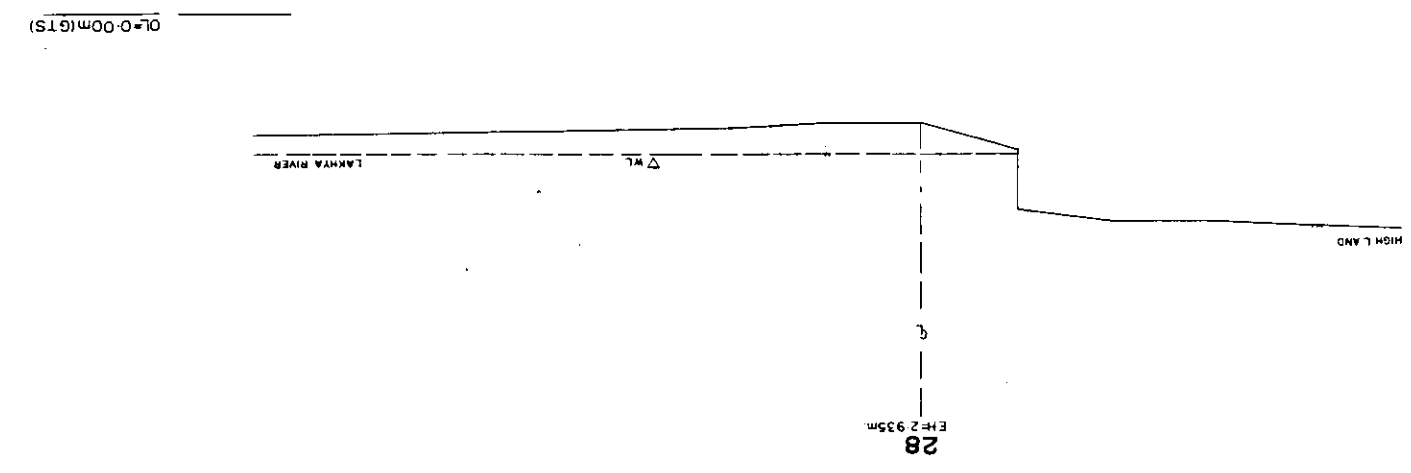
DL=0.00m (GTS)



DL=0.00m (GTS)



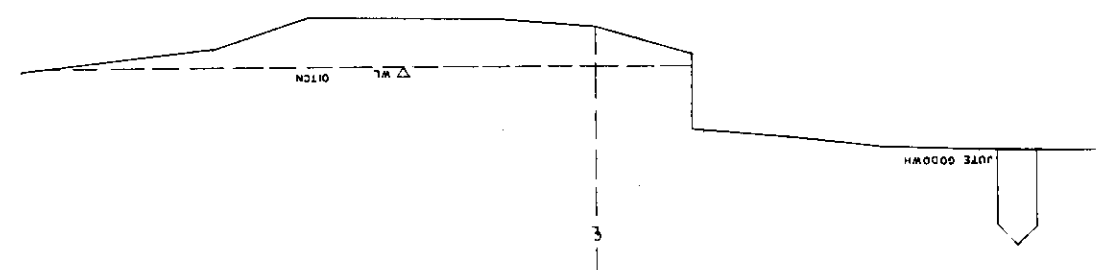
DL=0.00m (GTS)



DL=0.00m (GTS)



29



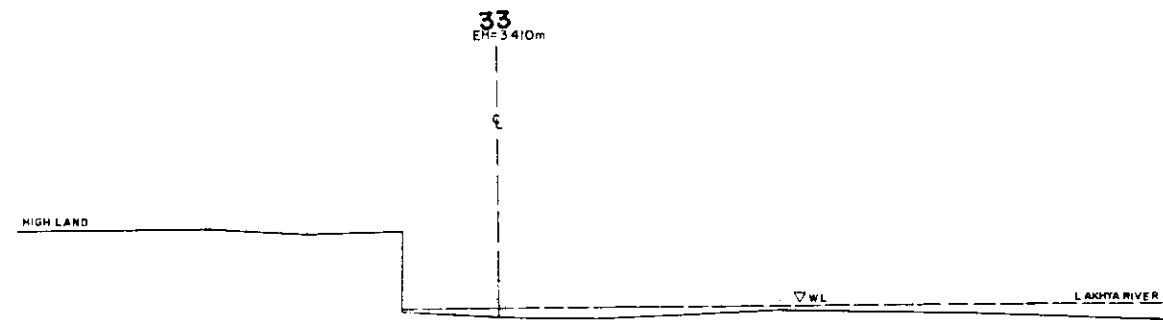
30



JAPAN INTERNATIONAL COOPERATION AGENCY			
OWG NO.	DATE	PF/C-7	SCALE
KADAMTOLI-SALO GATE	SCALE	DATE	DATE
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
PROPOSED FLOOD WALL (NE)			
CROSS SECTION			
H=1.00			
OCTOBER 1991			

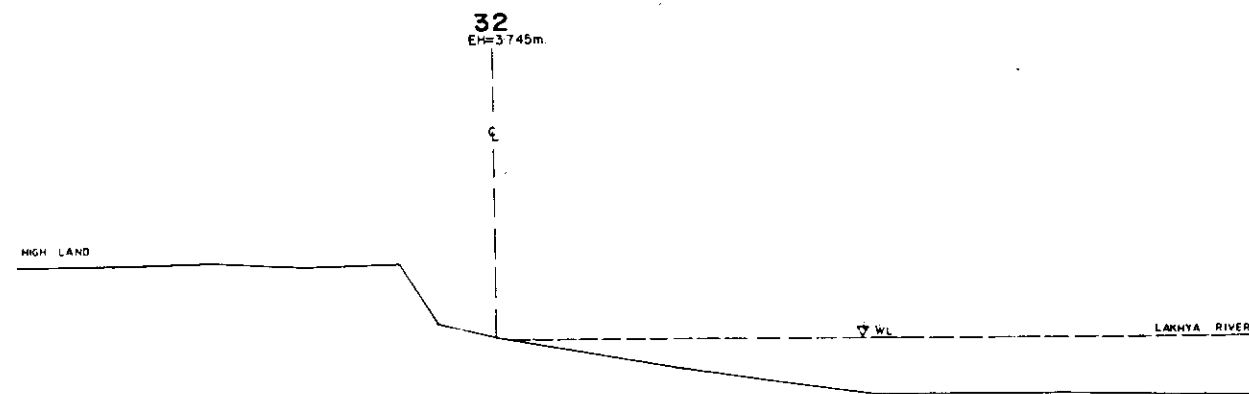
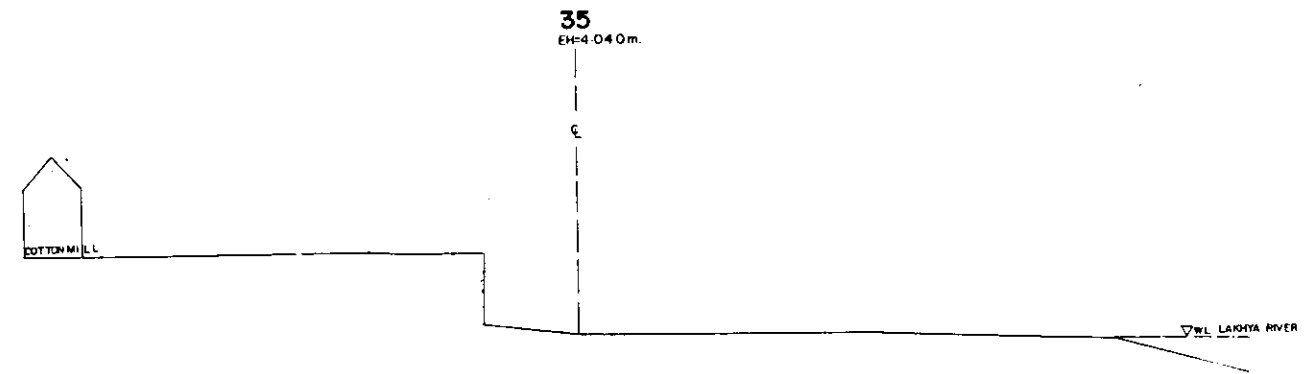
24

26m



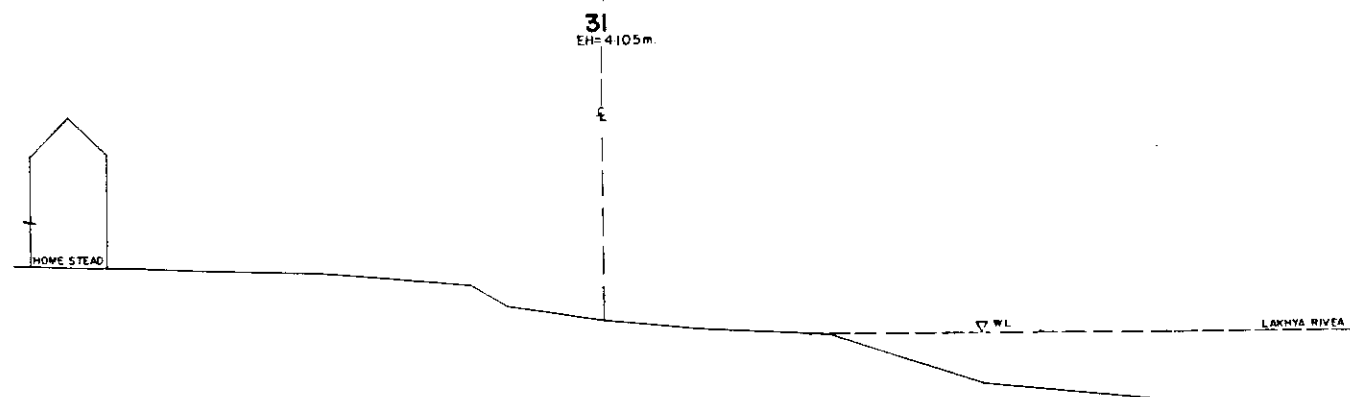
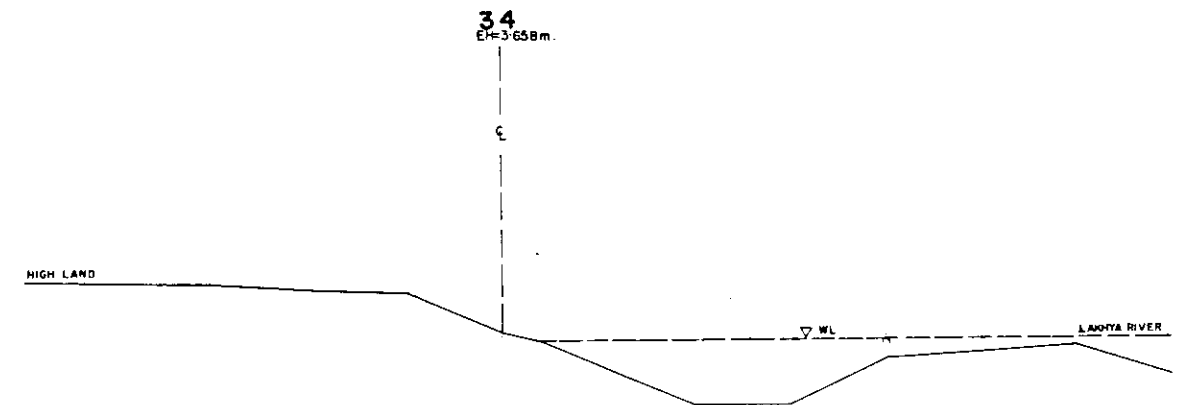
DL=0.00m.(GTS)

DL=0.00m.(GTS)



DL=0.00m.(GTS)

DL=0.00m.(GTS)



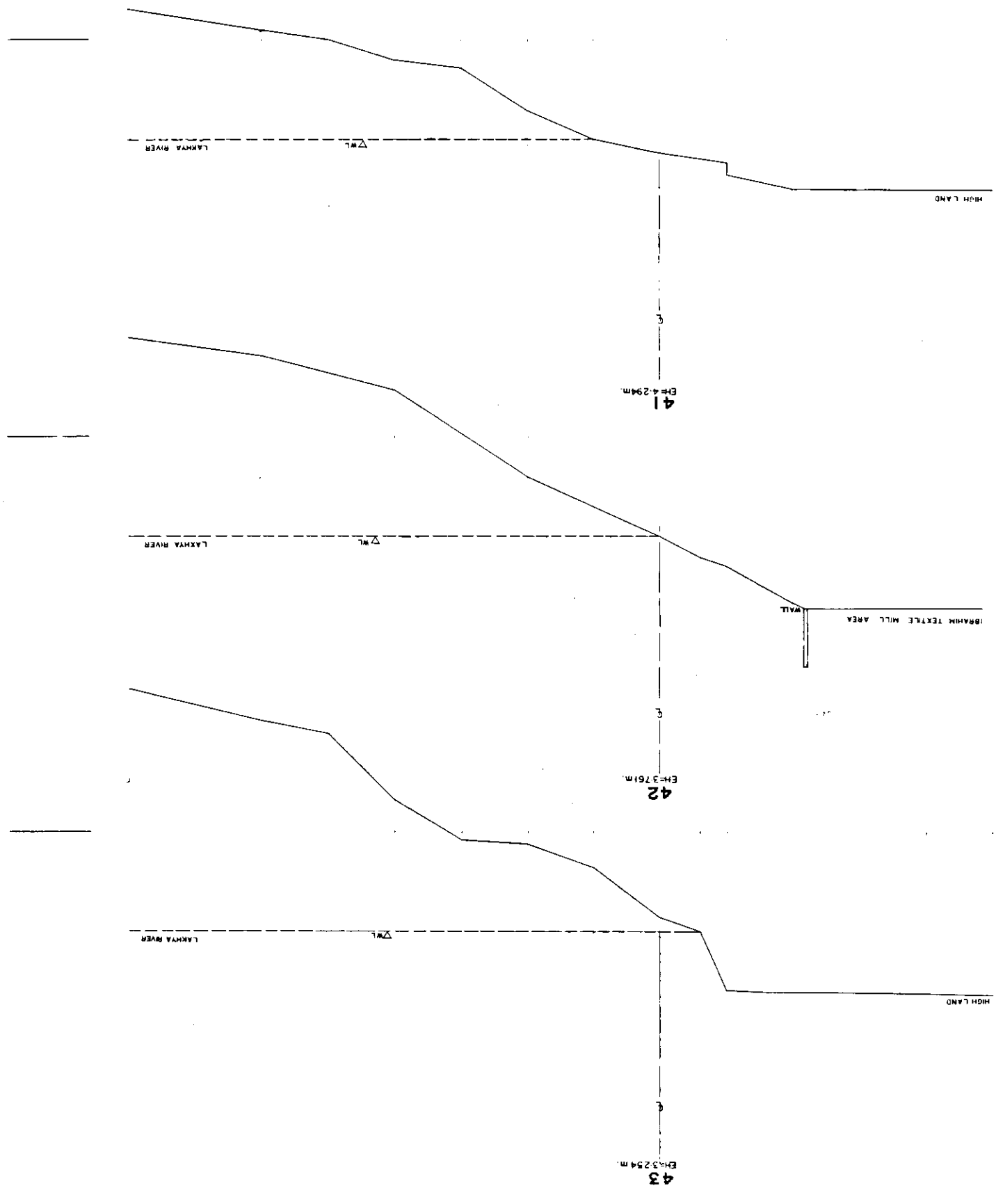
DL=0.00m.(GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
PROPOSED FLOOD WALL (NE)			
CROSS SECTION			
KADAMTOLI -SAILD GATE	SCALE	H=1:200	V=1:100
OWGNO.	PF/C-8	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

DL=D-0.00m.(GTS)

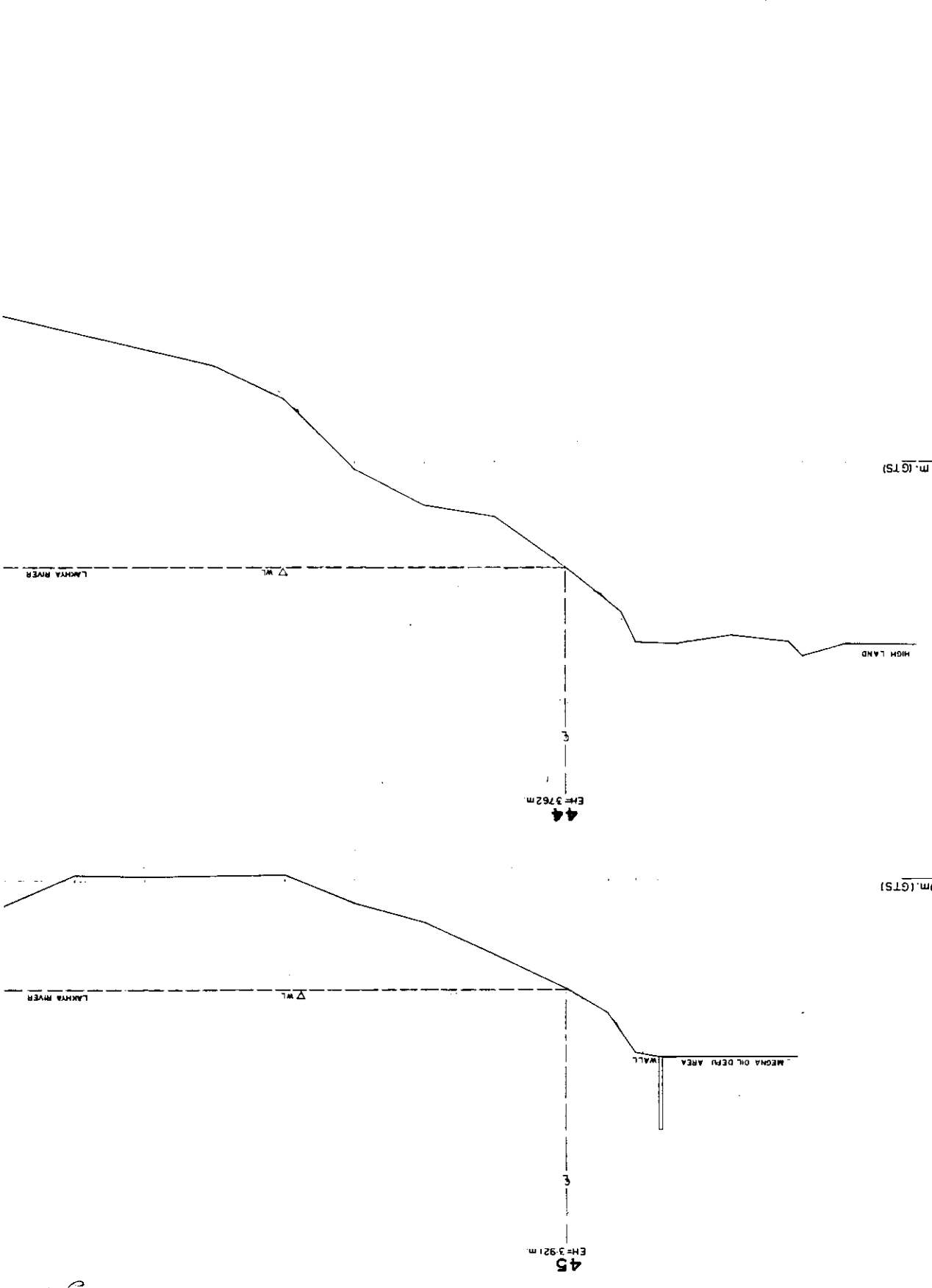
DL=D-0.00m.(GTS)

DL=D-0.00m.(GTS)



DL=D-0.00m.(GTS)

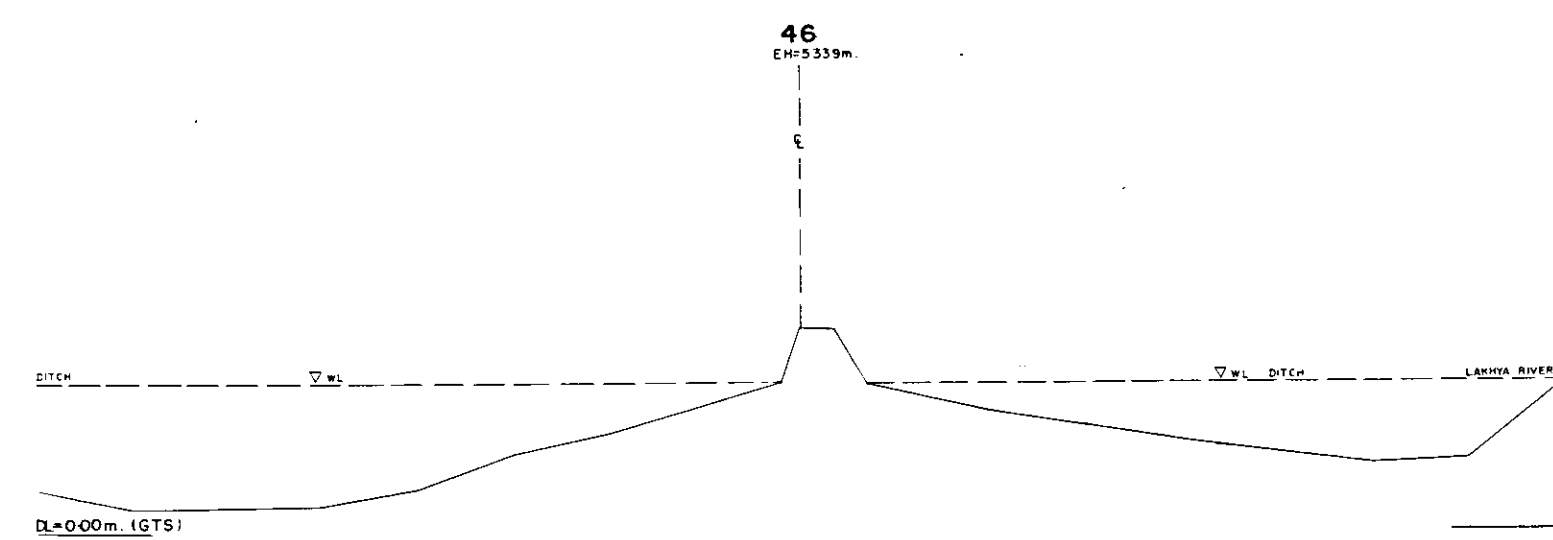
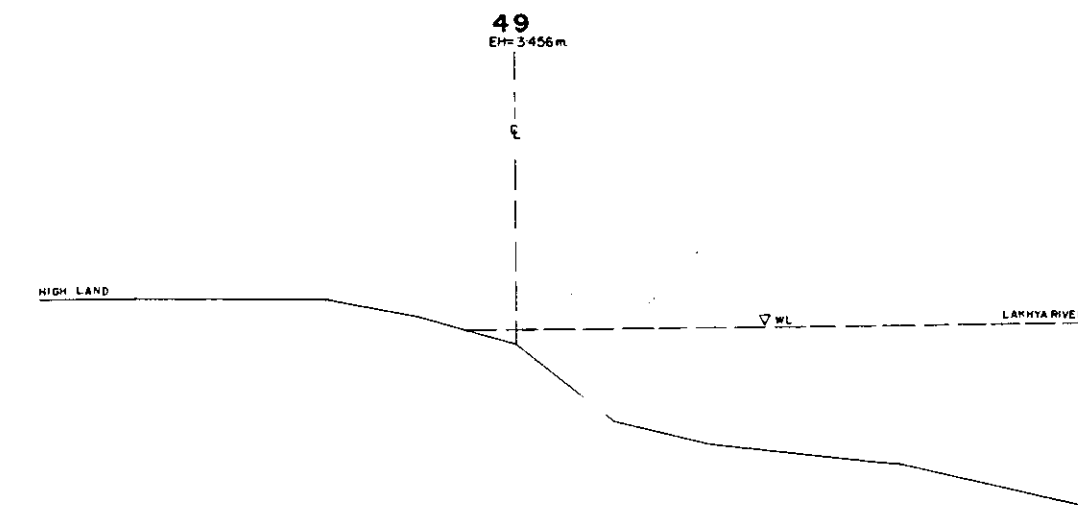
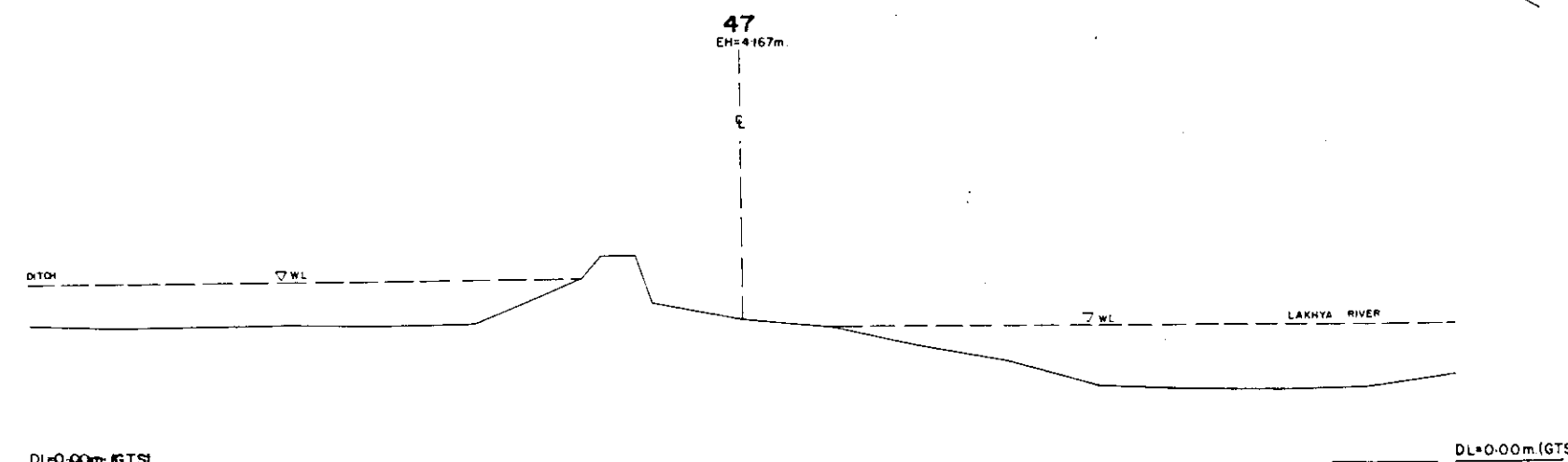
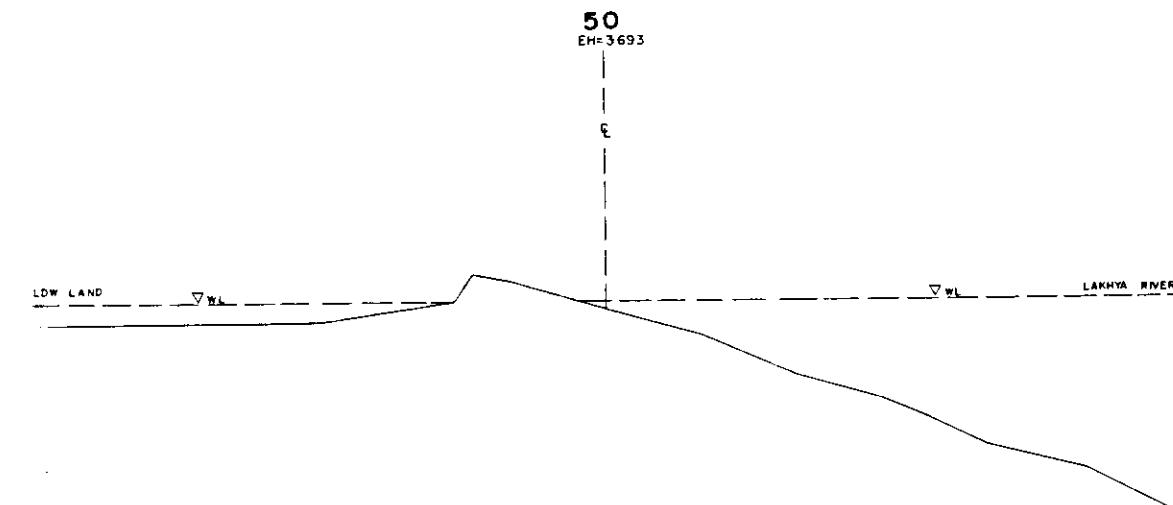
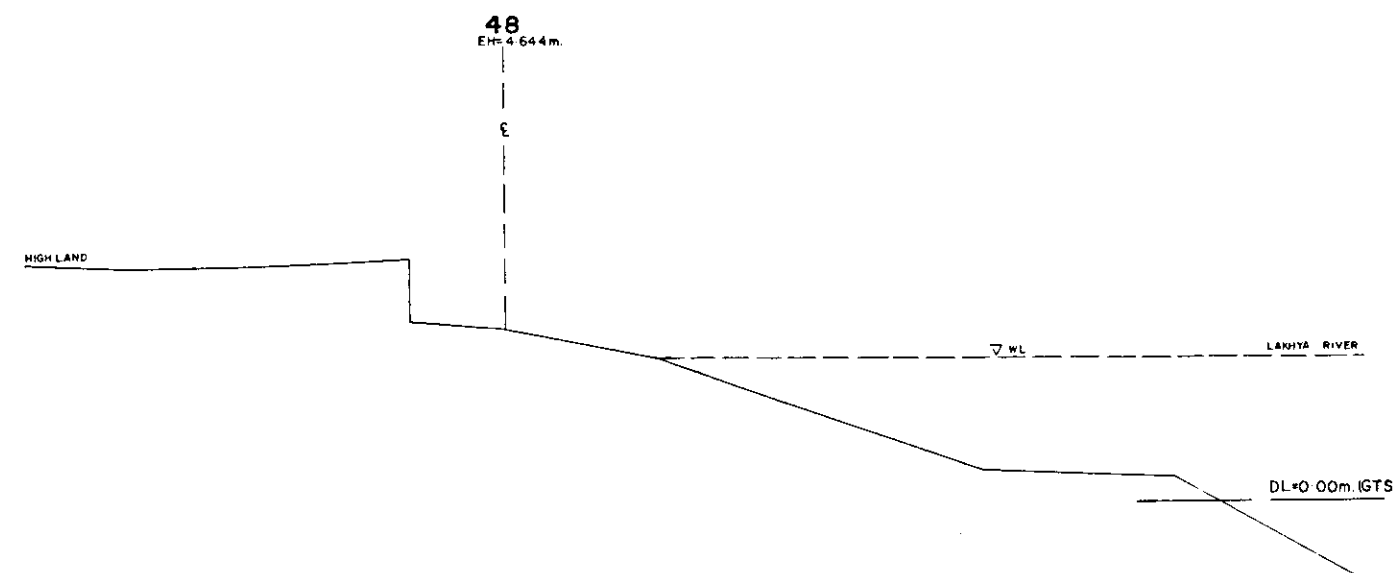
DL=D-0.00m.(GTS)



27C

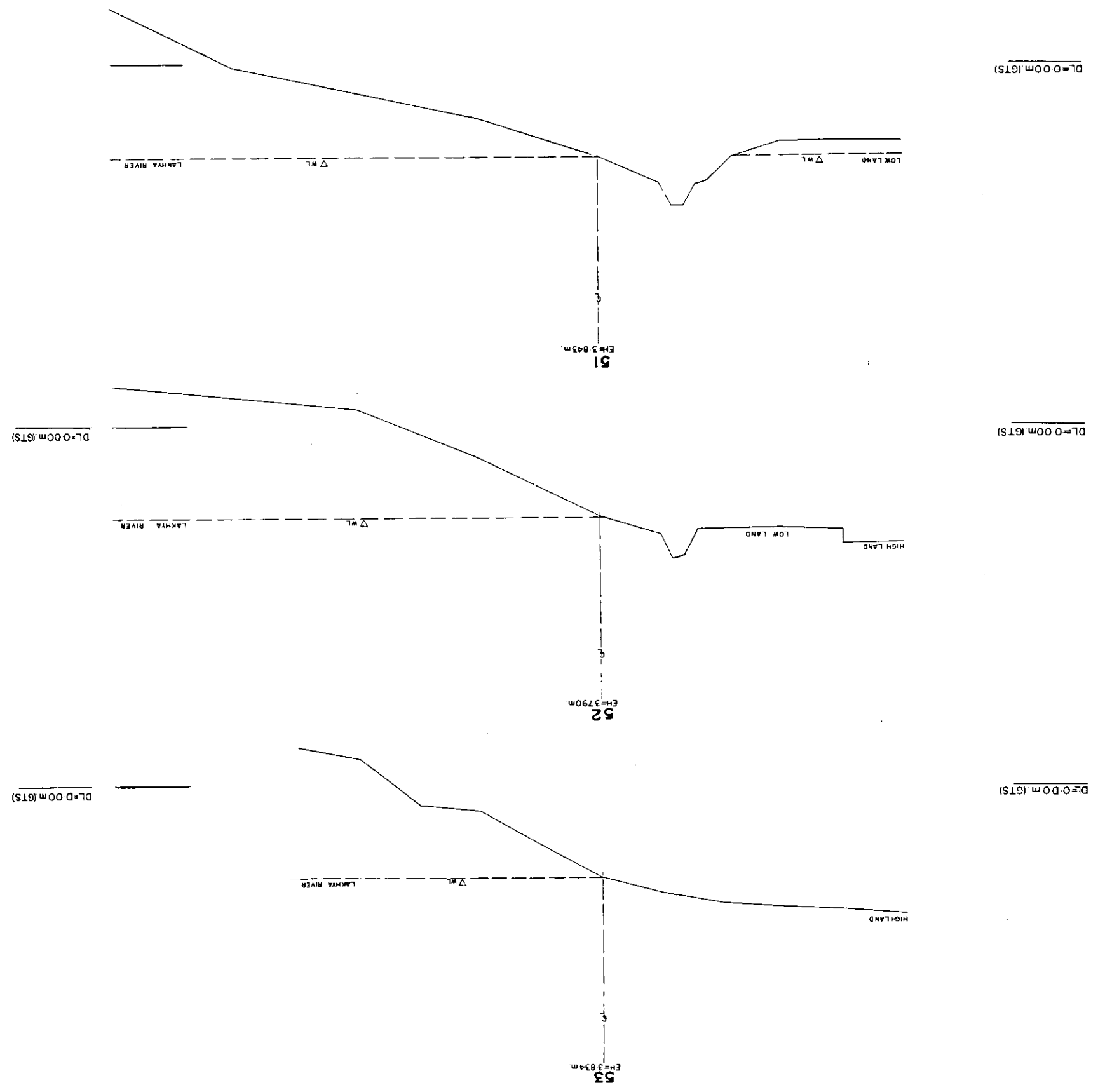
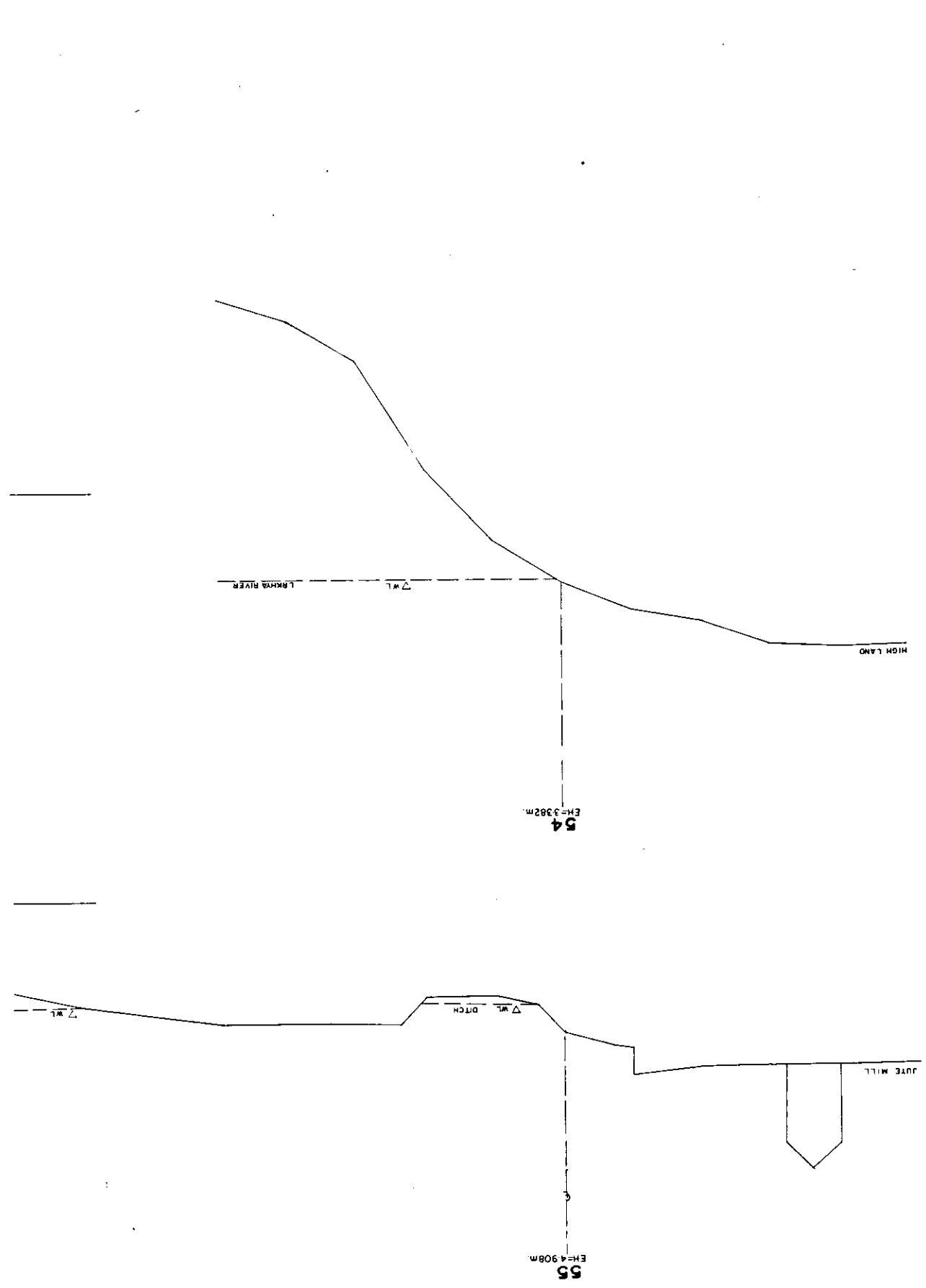
JAPAN INTERNATIONAL COOPERATION AGENCY			
DWG NO.	PF/C-10	DATE	OCTOBER, 1994
KADAMTOLI - SALOGATE	SCALE	H=1:200	
PROPOSED FLOOD WALL (NE)		CROSS SECTION	
DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
(STUDY IN DHAKA METROPOLITAN AREA)			
GREATER DHAKA PROTECTION PROJECT			

2



GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PROPOSED FLOOD WALL (NE)			
CROSS SECTION			
KADAMTOLI - SAILO GATE	SCALE	H=1:200	V=1:100
DWGNO.	PF/C-II	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

JAPAN INTERNATIONAL COOPERATION AGENCY			
OWGNO	PF/C-12	DATE	OCTOBER, 1991
KADAMTOLI - SALOGATE			
SCALE	1:100	DATE	1991
CROSS SECTION			
PROPOSED FLOOD WALL (NE)			
OHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
(STUDY IN DHAKA METROPOLITAN AREA)			
GREATER DHAKA PROTECTION PROJECT			

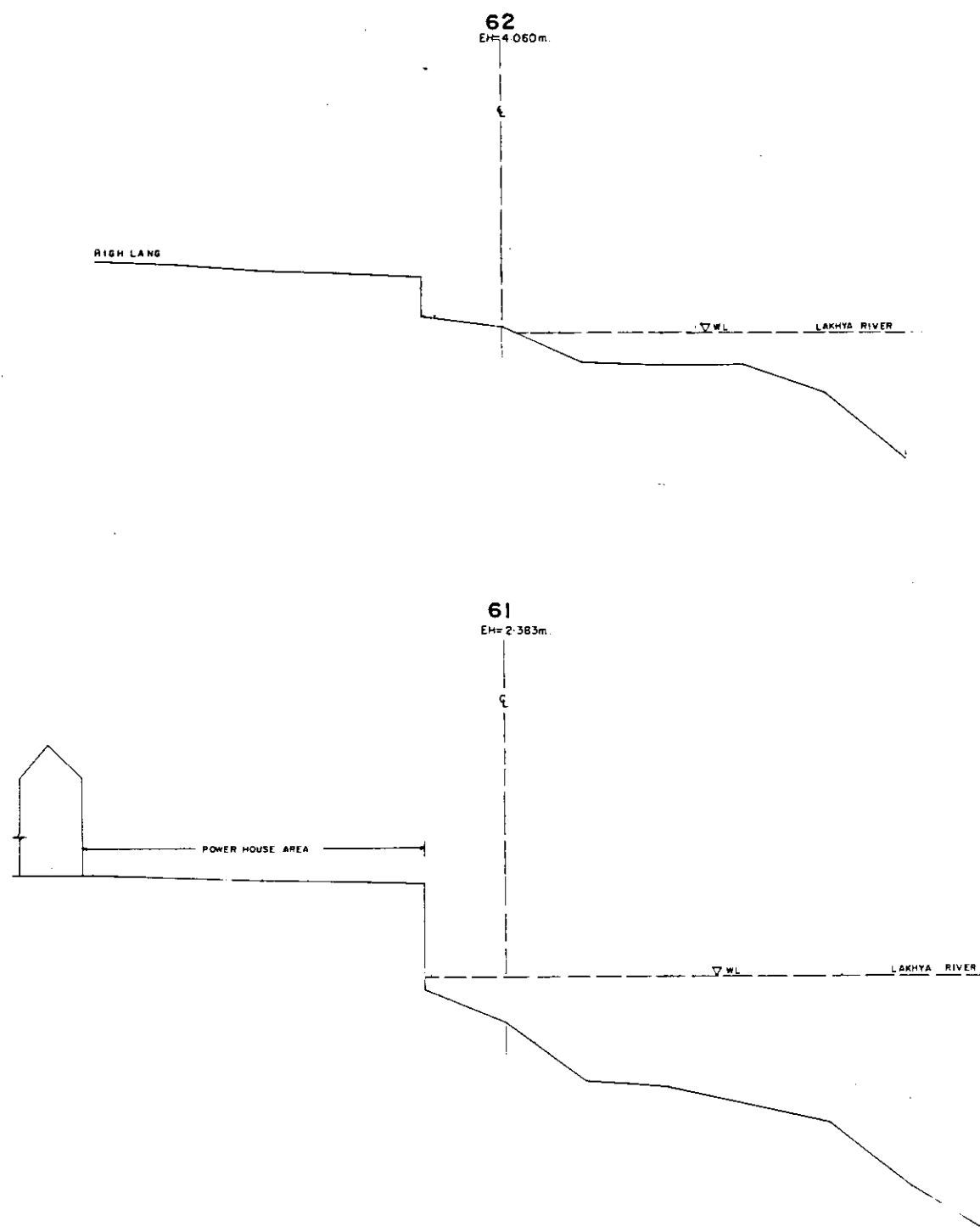


200

172

DL=0.00m (GTS)

DL=0.00m (GTS)



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA PROPOSED FLOOD WALL (NE) CROSS SECTION			
KADAMTOLI - SAIOGATE		SCALE	H=1:500 V=1:100
OWG NO.	PF/C-14	DATE	OCTOBER, 1984
JAPAN INTERNATIONAL COOPERATION AGENCY			

4. RIVER

DHALESWARI RIVER

BRIGANGA RIVER

TURAG RIVER

LAKHYA RIVER

BALU RIVER

Note: The Drawings were scaled down to 50% from the original drawings.

JUNCTION OF
DHAKA RIVER AND LAKSHA RIVER

D.L. = -13.00M PWD

PROPOSED				DISTANCE (M)	ACCUMULATED DISTANCE (M)	STATION NO.
TOP ELEVATION OF BANK	DESIGN WATER LEVEL	BOTTOM ELEVATION	BOTTOM ELEVATION			
EXISTING				DISTANCE (M)	ACCUMULATED DISTANCE (M)	STATION NO.
RIGHT BANK ELEVATION	LEFT BANK ELEVATION	BOTTOM ELEVATION	BOTTOM ELEVATION			
				0.000	0.000	1
				4600	4600	7
				3200	7800	8
				3100	10900	9

LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R: FACING TO THE STREAM

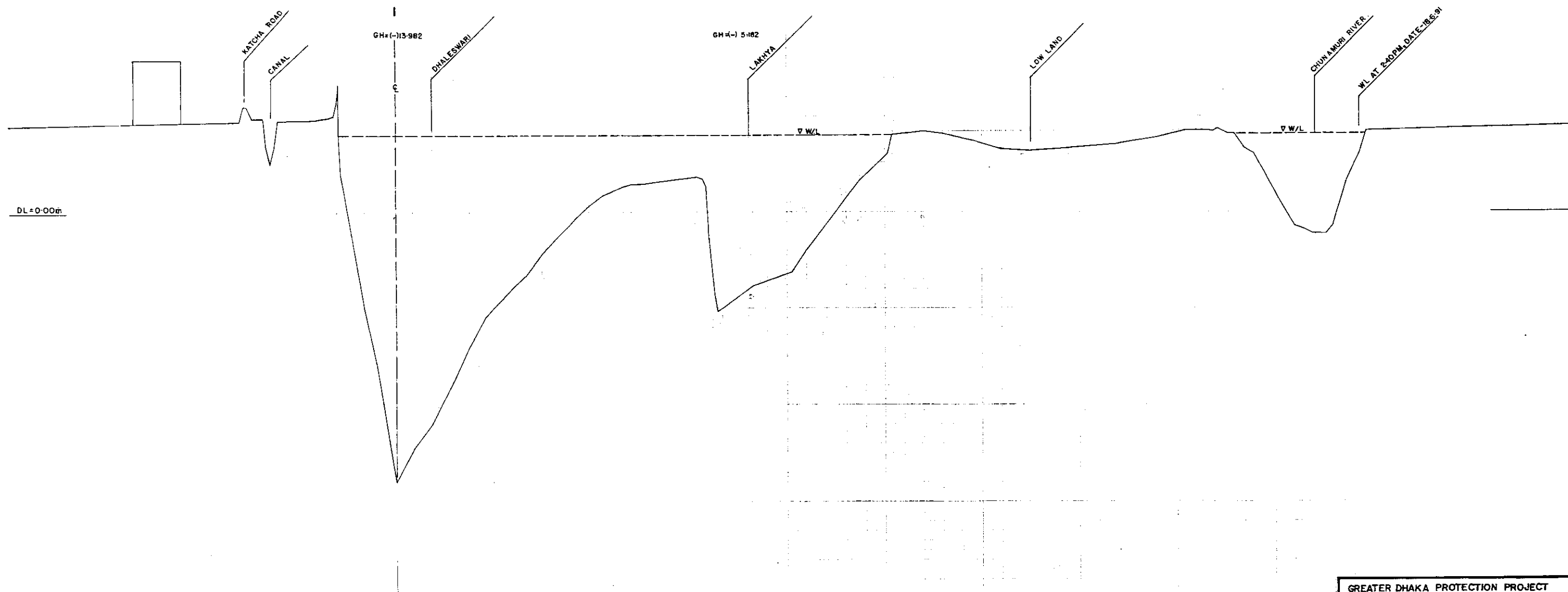
JUNCTION OF BURENDA
AND DHALE SWAMP RIVER

D.L. = -15.00m (P.W.D.)

PROPOSED			
TOP ELEVATION OF BANK			
DESIGN WATER LEVEL			
BOTTOM ELEVATION			
EXISTING			
RIGHT BANK ELEVATION	4 534		
LEFT BANK ELEVATION	4 461		
BOTTOM ELEVATION	4 158		
DISTANCE (M)	3100		
ACCUMULATED DISTANCE (M)	10500		
STATION NO.	9		
	10		

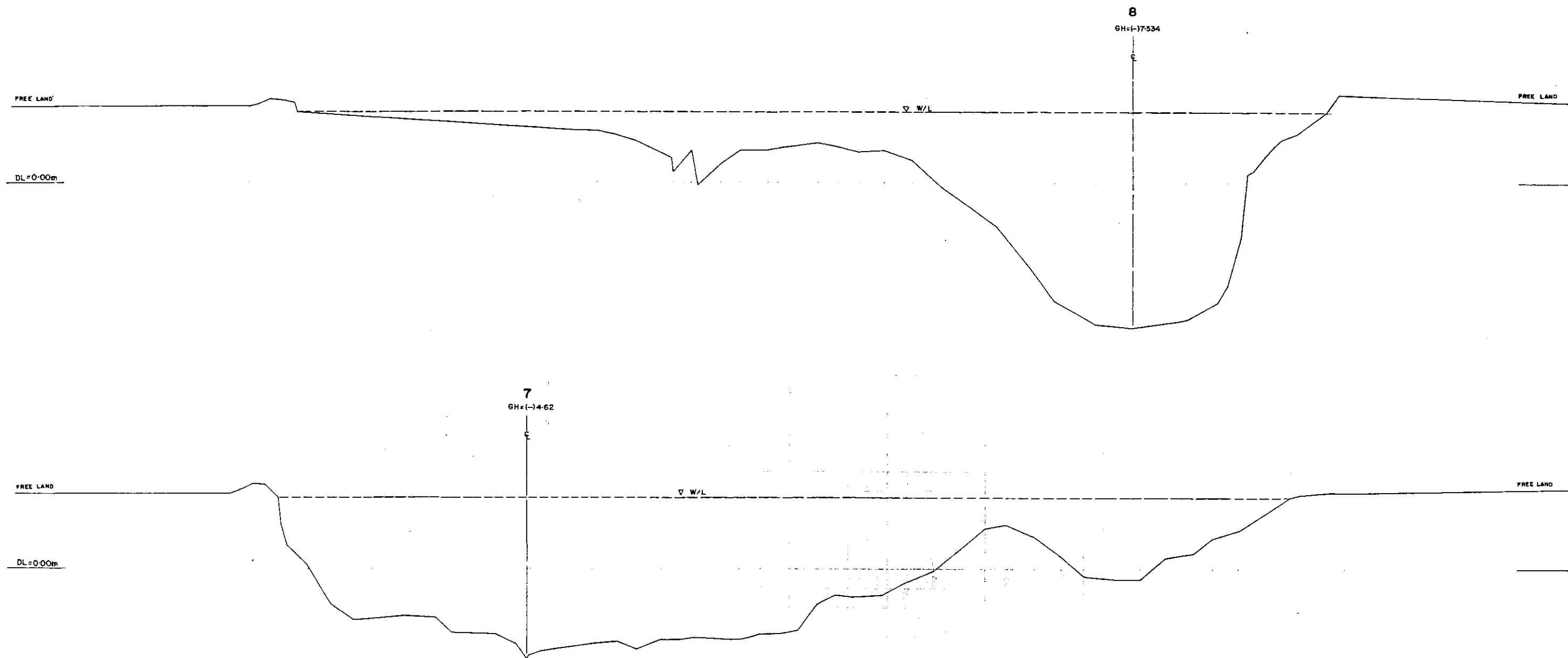
LEGEND
EXISTING LEFT GROUND LINE - - - - -
EXISTING RIGHT GROUND LINE - - - - -
EXISTING BOTTOM LINE - - - - -
* L/R FACING TO UP STREAM

2015



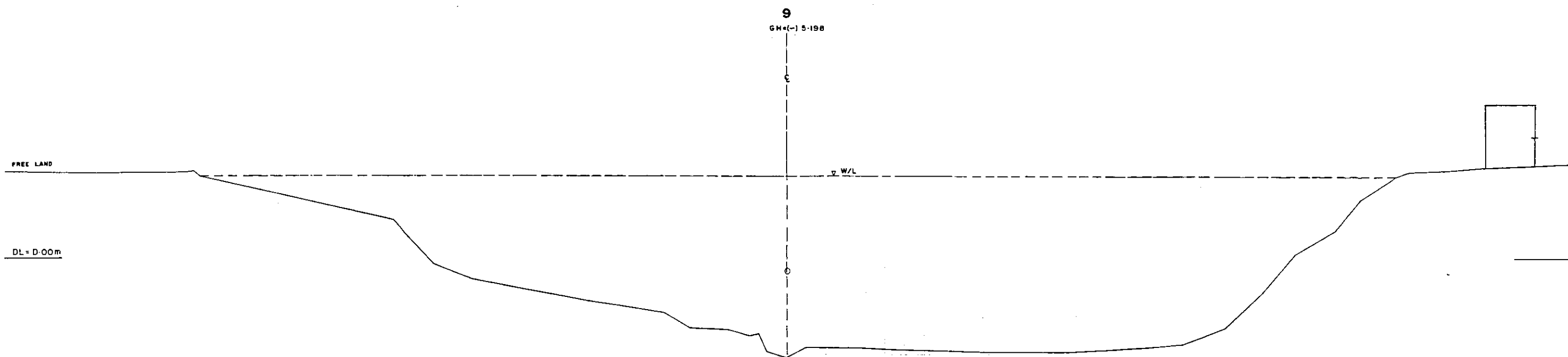
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
DHALESWARY RIVER	SCALE	N = 1:4000	V = 1:100
DWG NO	DR/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



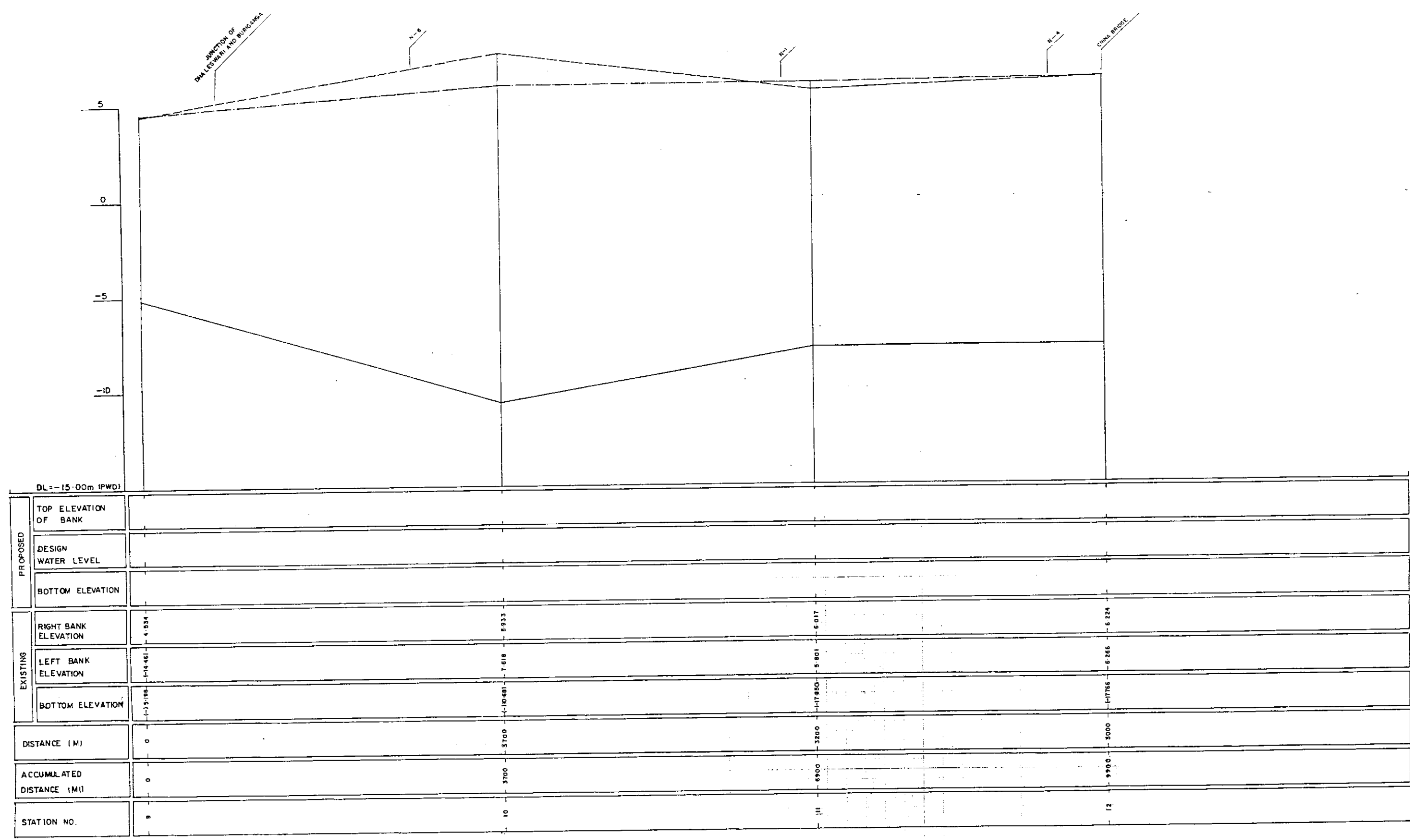
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
DHAKESWARY RIVER	SCALE	H= 1:2000	V= 1:100
DWG. NO. DR/C-2	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			



* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
-- (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
DHALESWAR RIVER		SCALE	VERT. 1:1000 H. = 100
DWG NO.	DR/C-3	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA
LONG SECTION OF RIVER

BURIGANGA RIVER

DWG. NO. BUR/L-1

SCALE

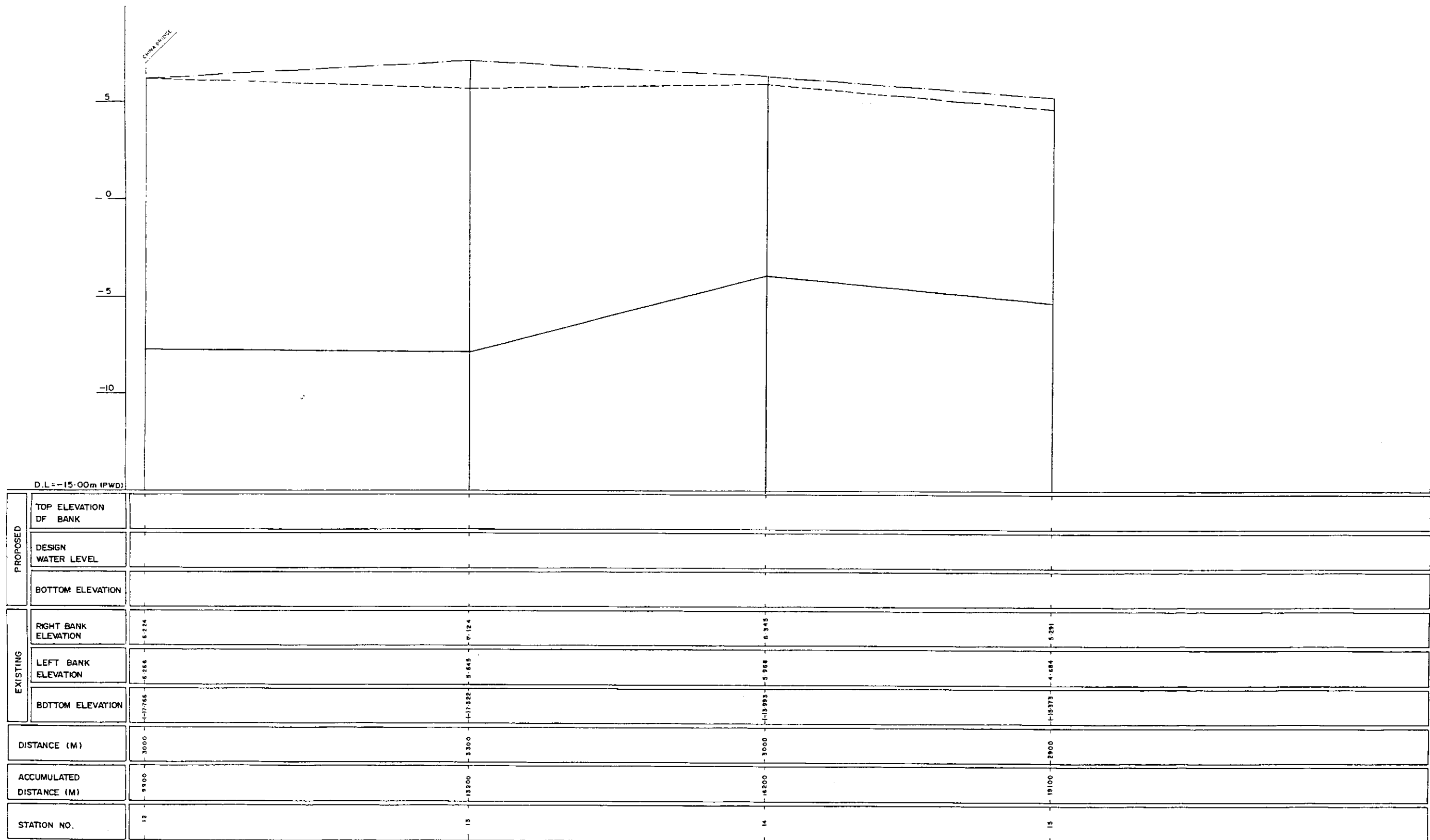
DATE

N 1:1 20000
V 1:1 100

JUNE, 1991

JAPAN INTERNATIONAL CO-OPERATION AGENCY

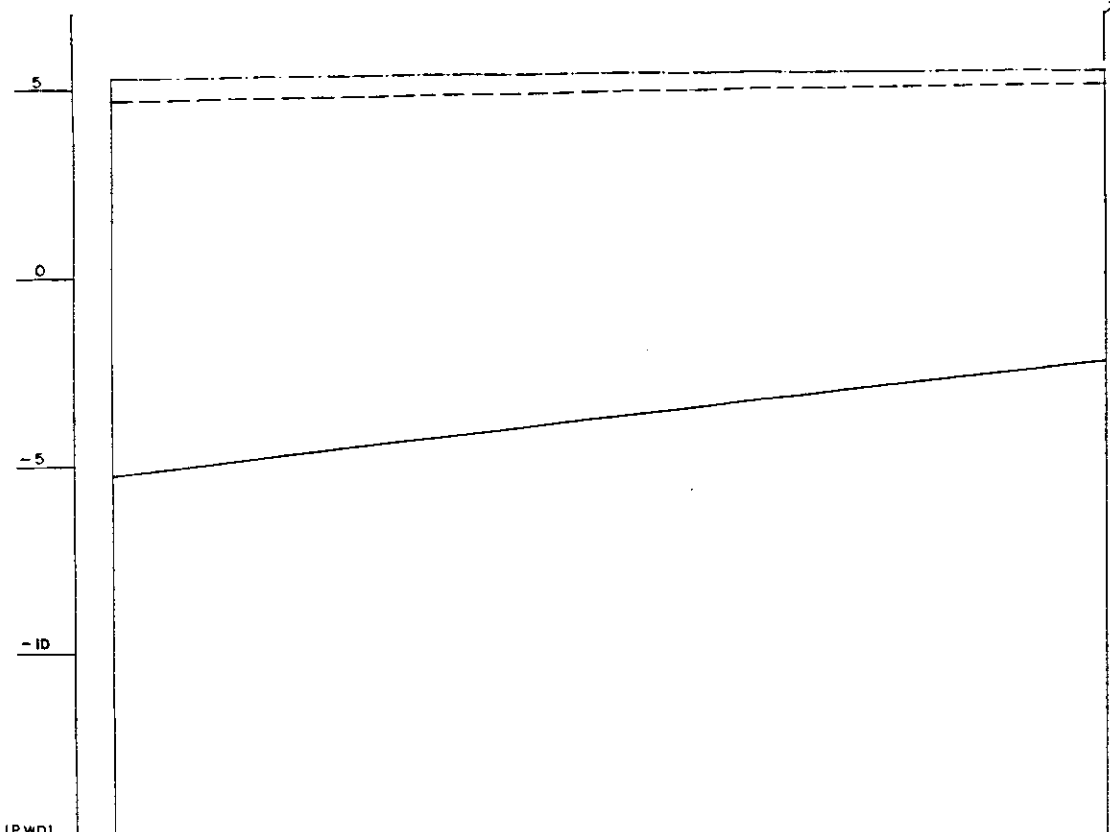
206



LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA LONG SECTION OF RIVER			
BURIGANGA RIVER	SCALE	H = 1:20000 V = 1:100	
DWG. NO.	BUR/L- 2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

JUNCTION OF BURIGANGA AND TURAG RIVER



DL = -15.00m (PWD)

PROPOSED	TDP ELEVATION OF BANK				
	DESIGN WATER LEVEL				
	BOTTOM ELEVATION				
EXISTING	RIGHT BANK ELEVATION	5.291		5.450	
	LEFT BANK ELEVATION	4.664		5.110	
	BOTTOM ELEVATION	-15.373		-12.274	
DISTANCE (M)		2800		5200	
ACCUMULATED DISTANCE (M)		19100		24300	
STATION NO		15		24300	

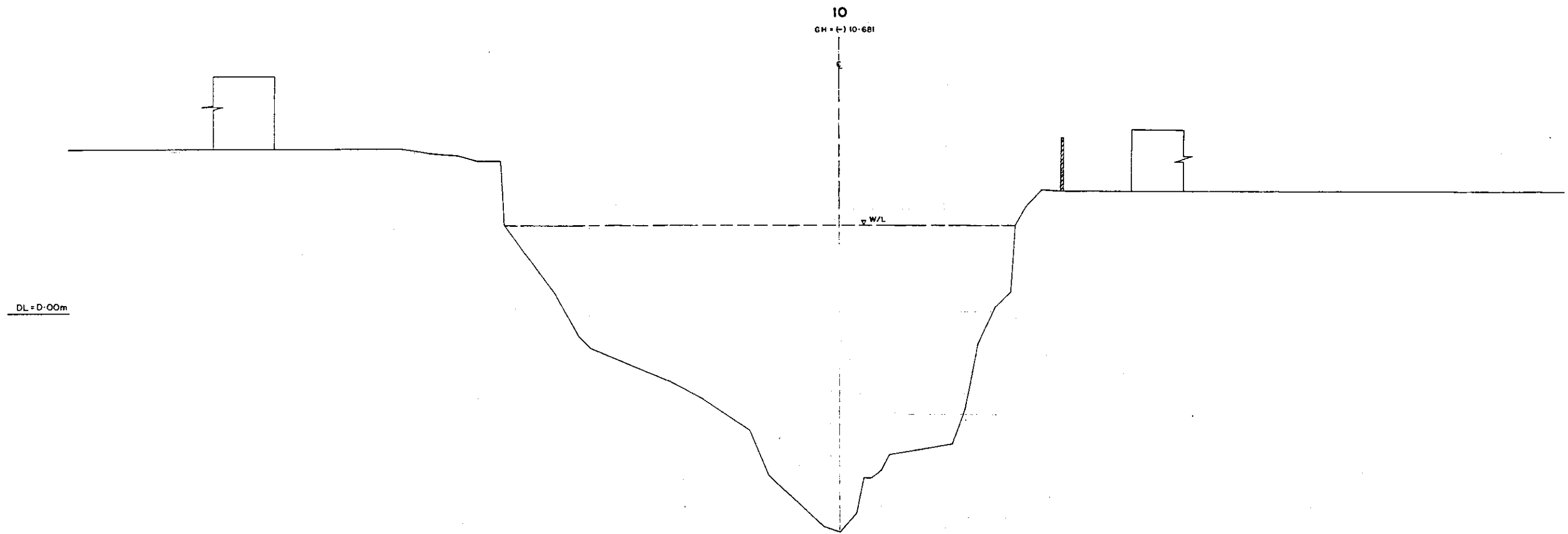
LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA
LONG SECTION OF RIVER

BURIGANGA RIVER	SCALE	H=1:20000 V=1:100
DWG. NO. BUR/L-3	DATE	JUNE, 1991

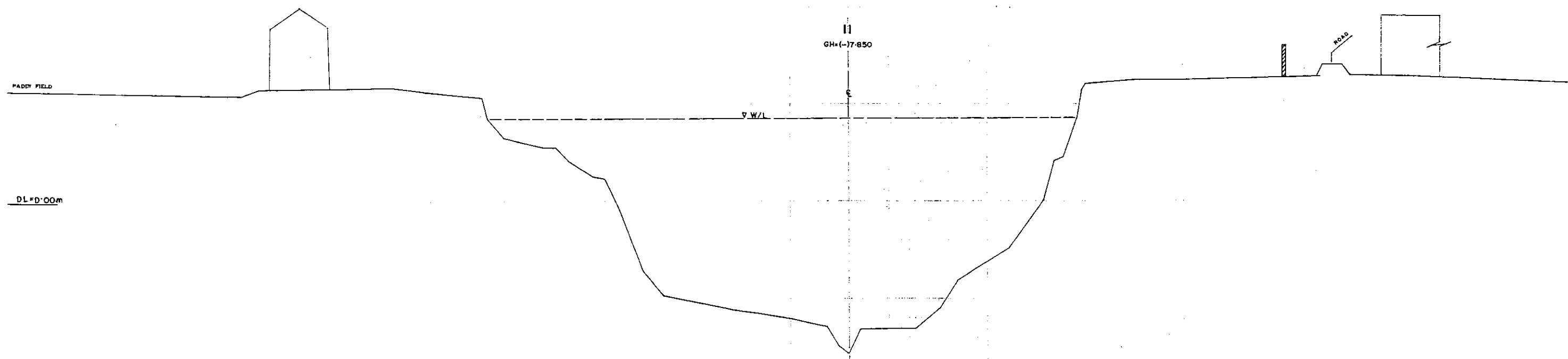
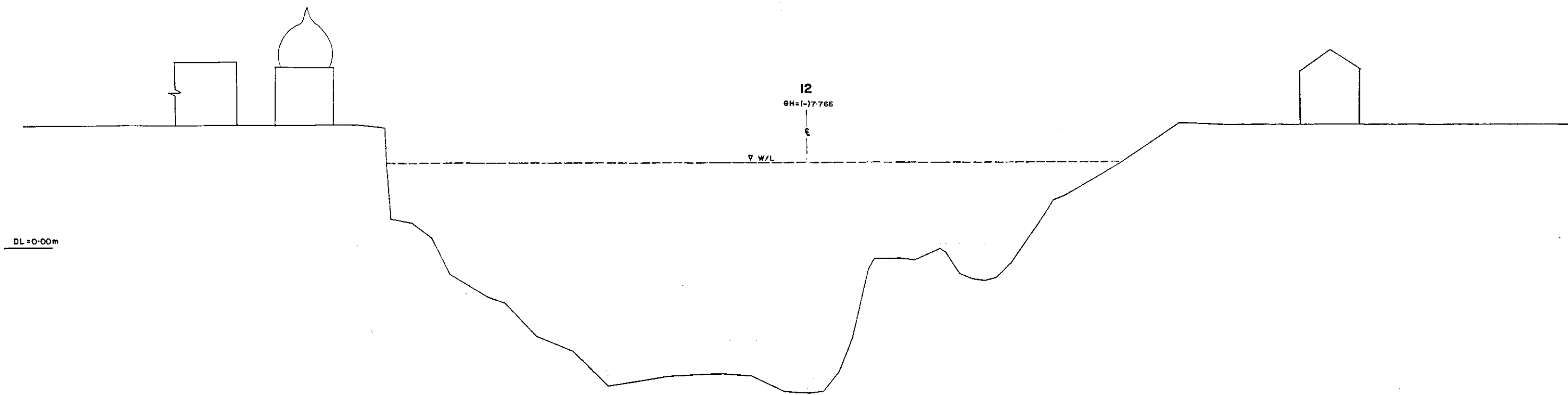
JAPAN INTERNATIONAL CO OPERATION AGENCY



* L/R FACING TO UP STREAM

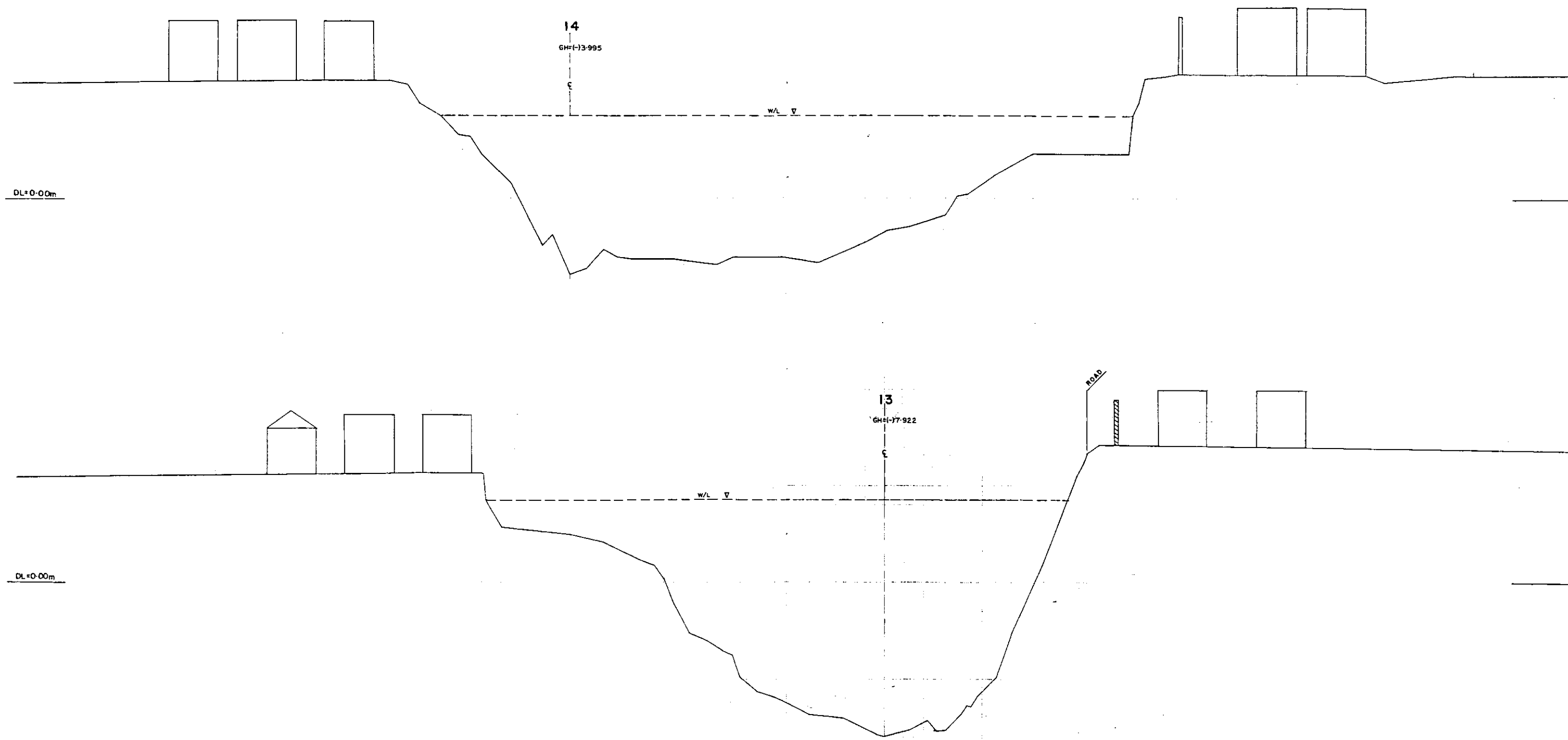
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
CROSS SECTION OF RIVER		
BURIGANGA RIVER	SCALE	H=1:1000 V=1:1000
DWG NO. BUR/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

2.04



* L/R FACING TO UP STREAM

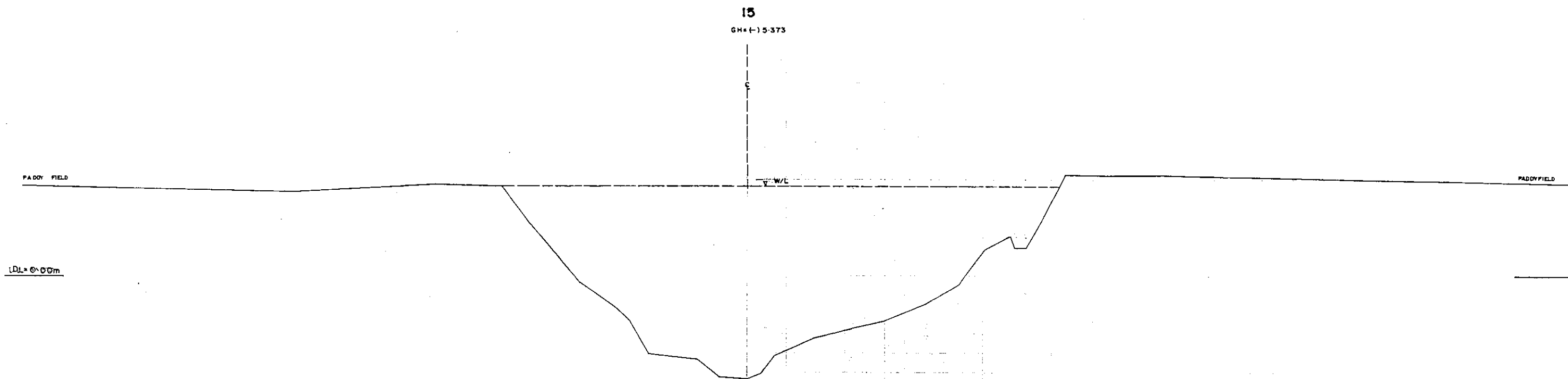
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
BURIGANGA RIVER	SCALE	H=1:1000 V=1:100	
DWG. NO. BUR/C-2	DATE	JUNE, 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			



1/2 L/R FACING TO UP STEAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
BURIGANGA RIVER	SCALE	H=1:1000 V=1:100	
DWG. NO.	BUR/C-3	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

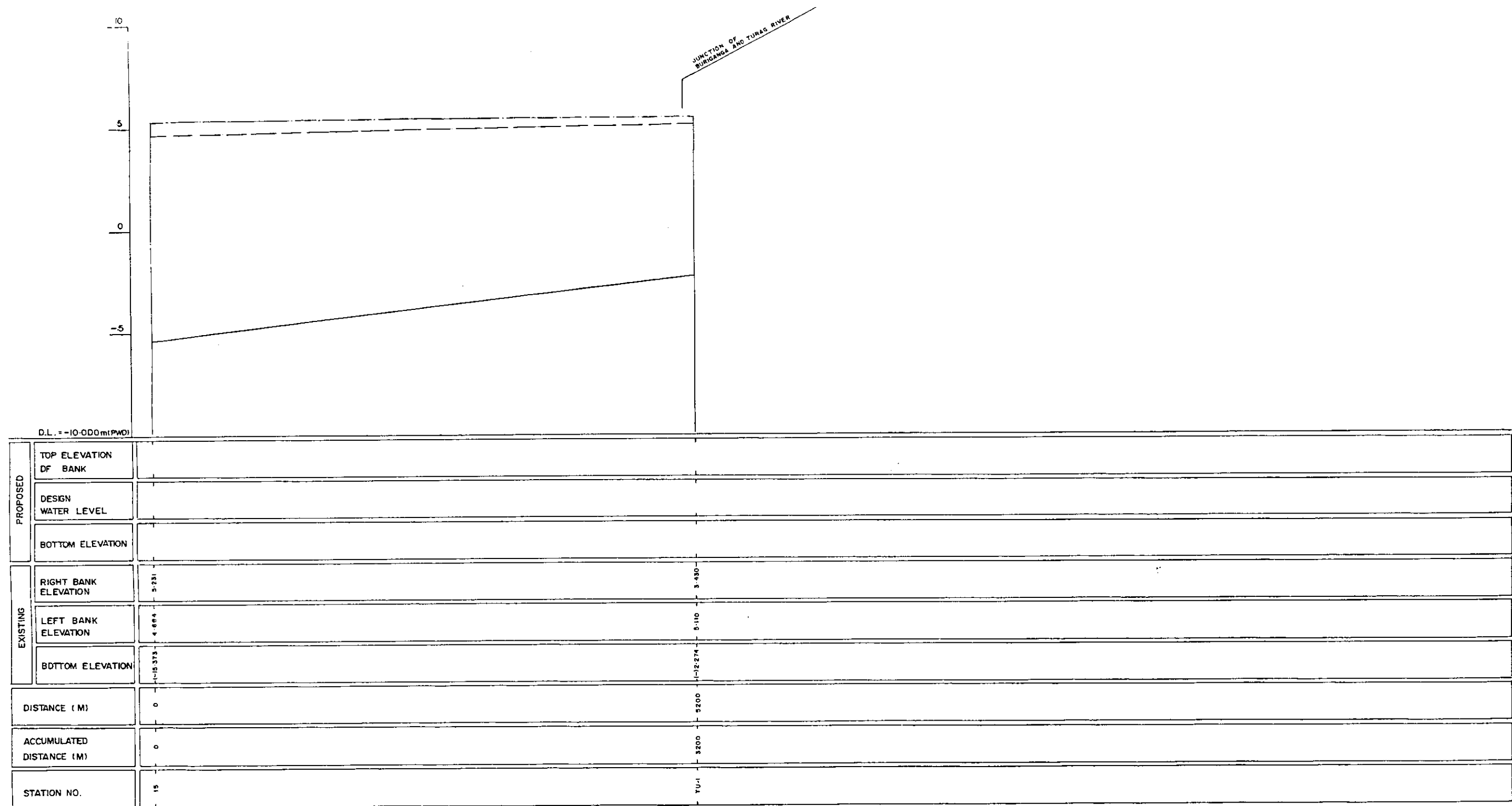
206



* L/R FACING TO UP STREAM

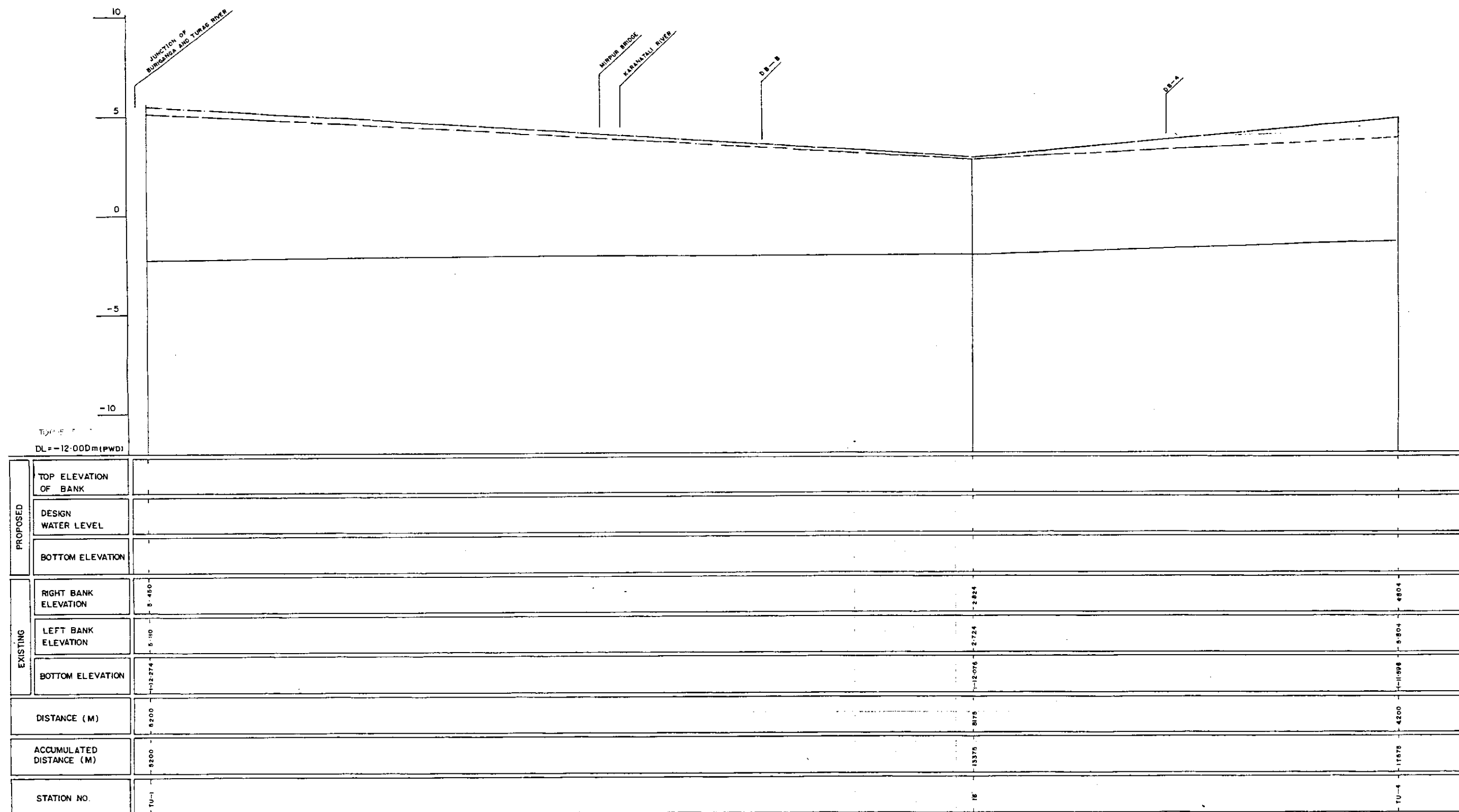
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.BA		
DHAKA METROPOLITAN AREA		
CROSS SECTION OF RIVER		
BURIGANGA RIVER	SCALE	N = 1:1000 V.S. 1:100
DWG. NO. BUR/C-4	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

202



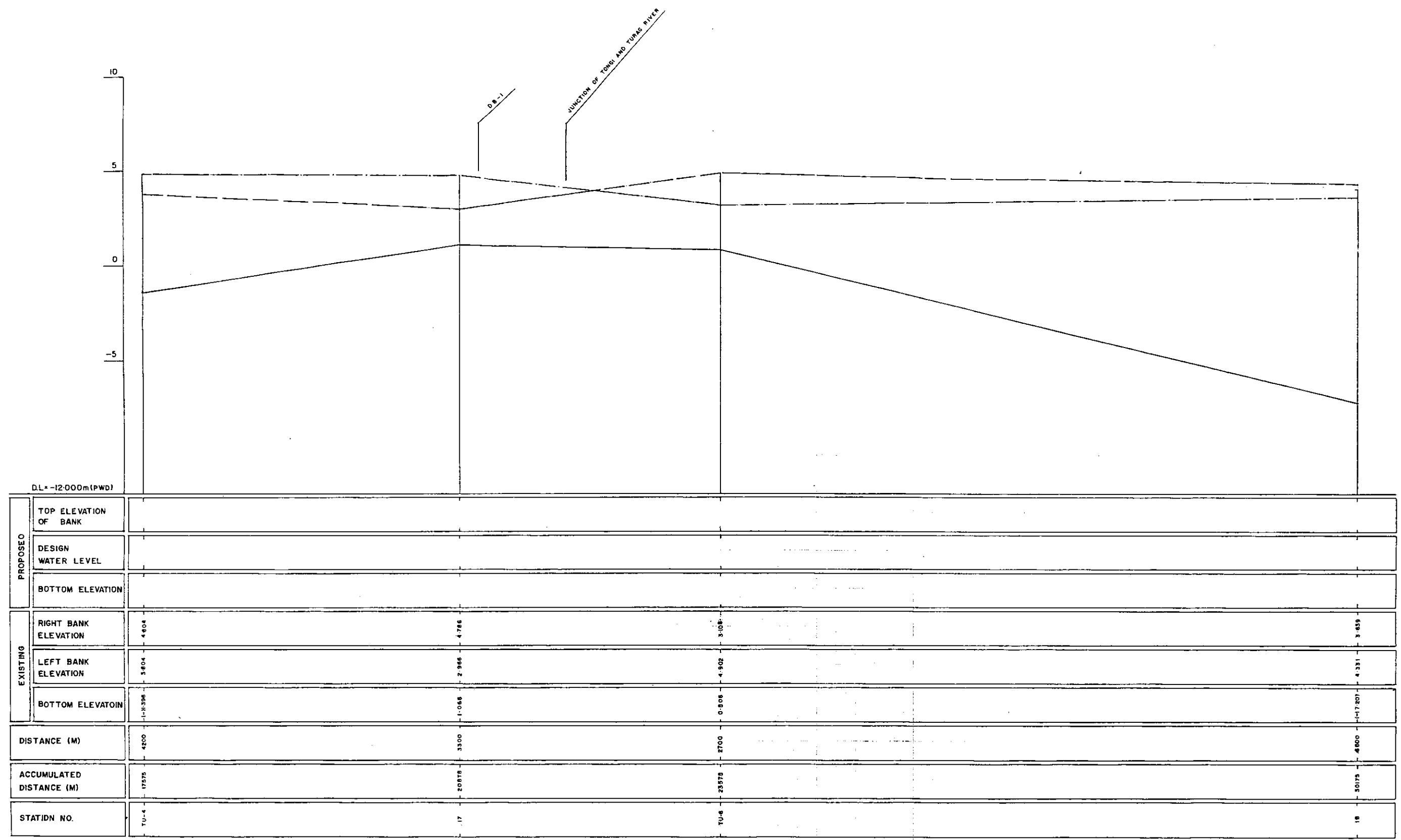
LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA LONG SECTION OF RIVER			
TURAG RIVER		SCALE	H:V: 20000:100
DWG NO.	TR/L-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND
 EXISTING LEFT GROUND LINE
 EXISTING RIGHT GROUND LINE
 EXISTING BOTTOM LINE
 * L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
LONG SECTION OF RIVER		
TURAG RIVER	SCALE	HE 1:20000 VE 1:100
DWG NO. TR/L-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY		

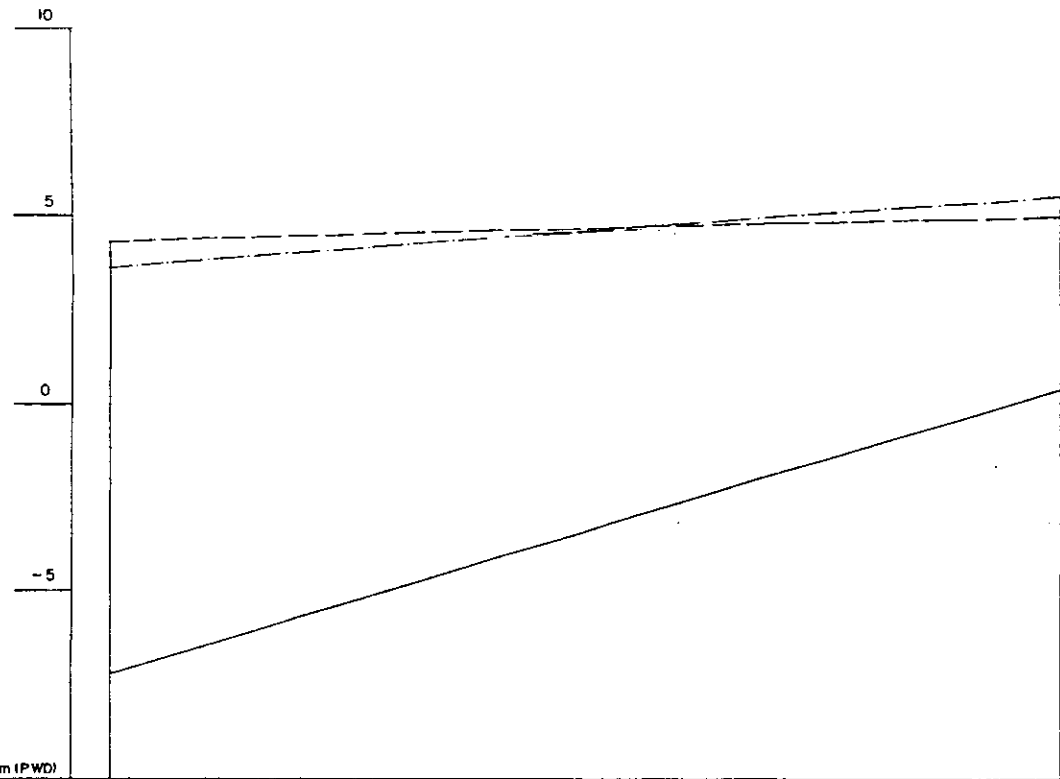


LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UPSTREAM

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A
DHAKA METROPOLITAN AREA
LONG SECTION OF RIVER

TURAG RIVER	SCALE	H:V:1:2000
DWG.NO: TR/L-3	DATE	JUNE, 1991

JAPAN INTERNATIONAL CO.OPERATION AGENCY

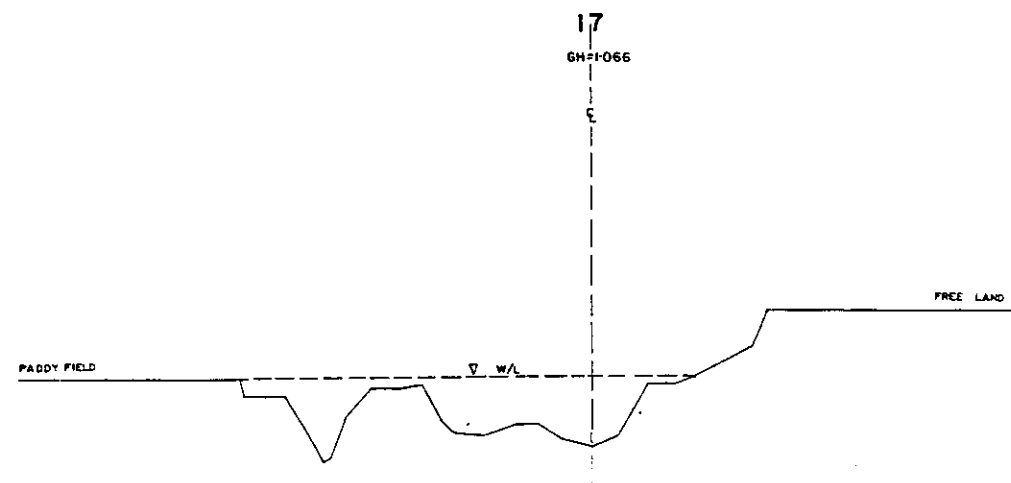


PROPOSED	TOP ELEVATION OF BANK		
	DESIGN WATER LEVEL		
	BOTTOM ELEVATION		
EXISTING	RIGHT BANK ELEVATION	3.655	5.512
	LEFT BANK ELEVATION	4.331	4.996
	BOTTOM ELEVATION	1.1720	0.373
DISTANCE (M)		6800	5000
ACCUMULATED DISTANCE (M)		30173	35176
STATION NO.		18	TU-6

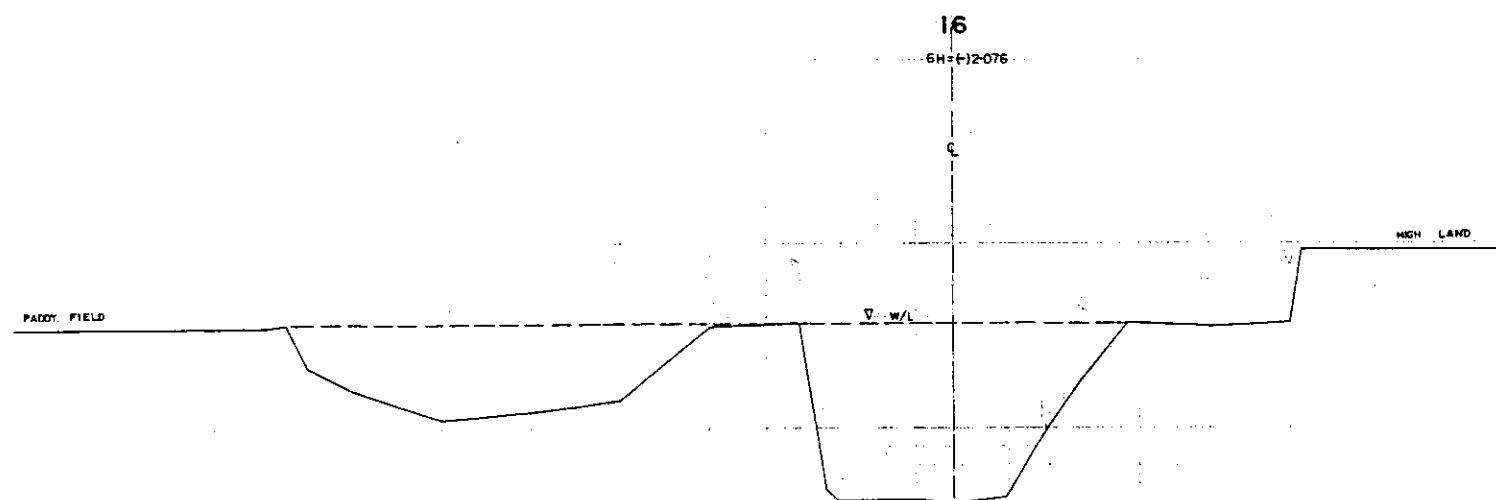
LEGEND
 EXISTING LEFT GROUND LINE -----
 EXISTING RIGHT GROUND LINE -----
 EXISTING BOTTOM LINE -----
 * L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY-IN-DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
LONG SECTION OF RIVER			
TURAG RIVER	SCALE	H=1:2000 V=1:100	
DWG. NO. TR/L-4	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

220



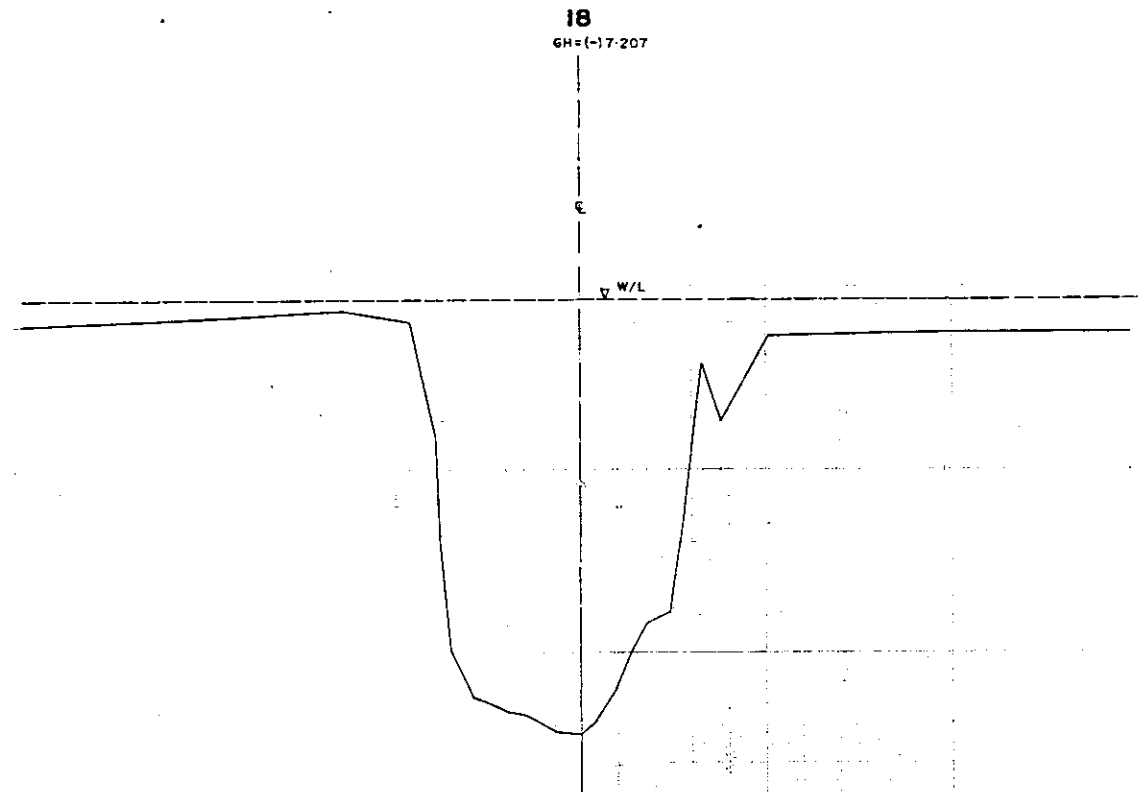
DL=0-00m



DL=0-00m

* L/R FACING TO UP STREAM

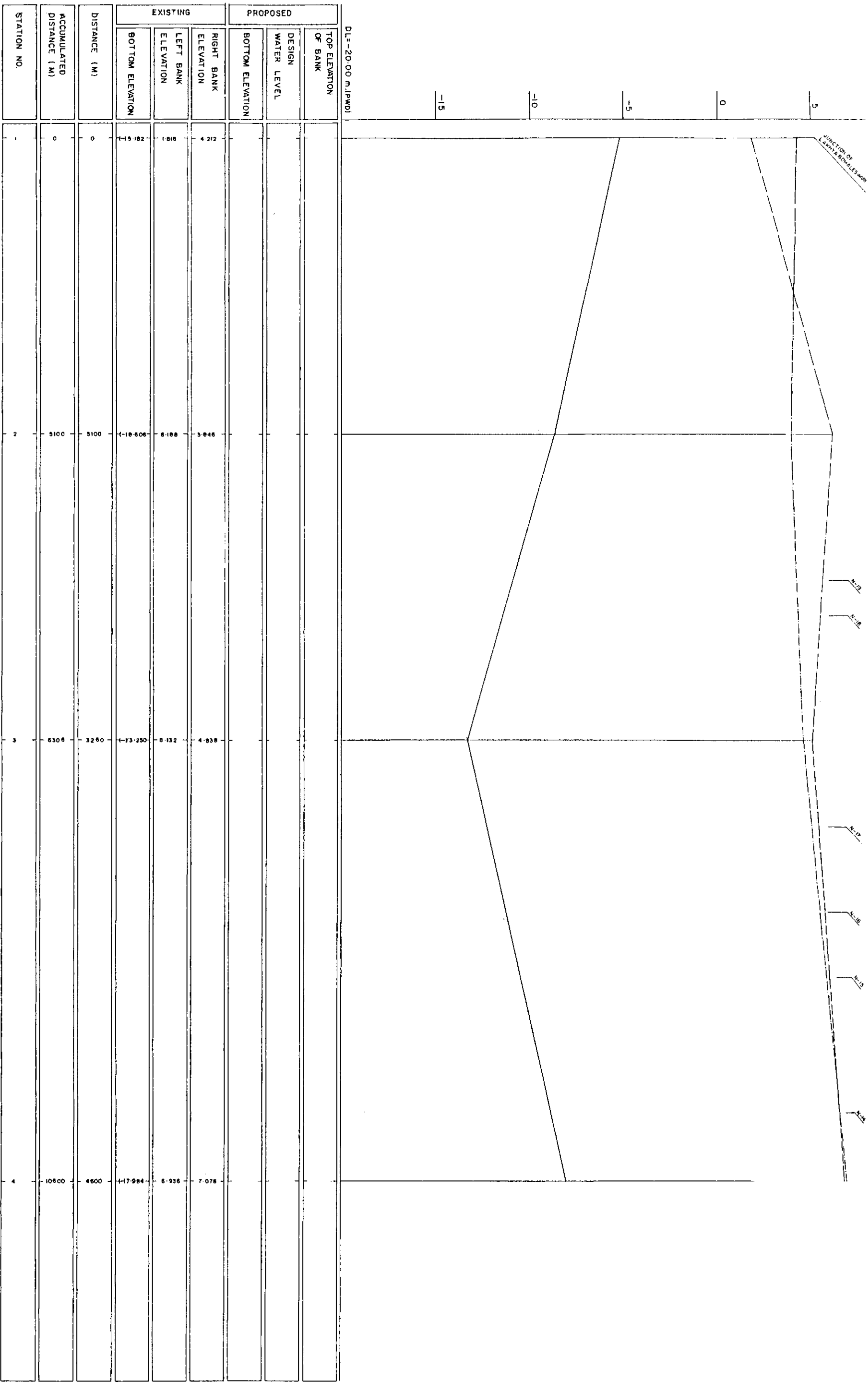
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO. 8A		
DHAKA METROPOLITAN AREA		
CROSS SECTION OF RIVER		
TURAG RIVER	SCALE	H=1:1000 V=1:100
OWS NO. TR/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		



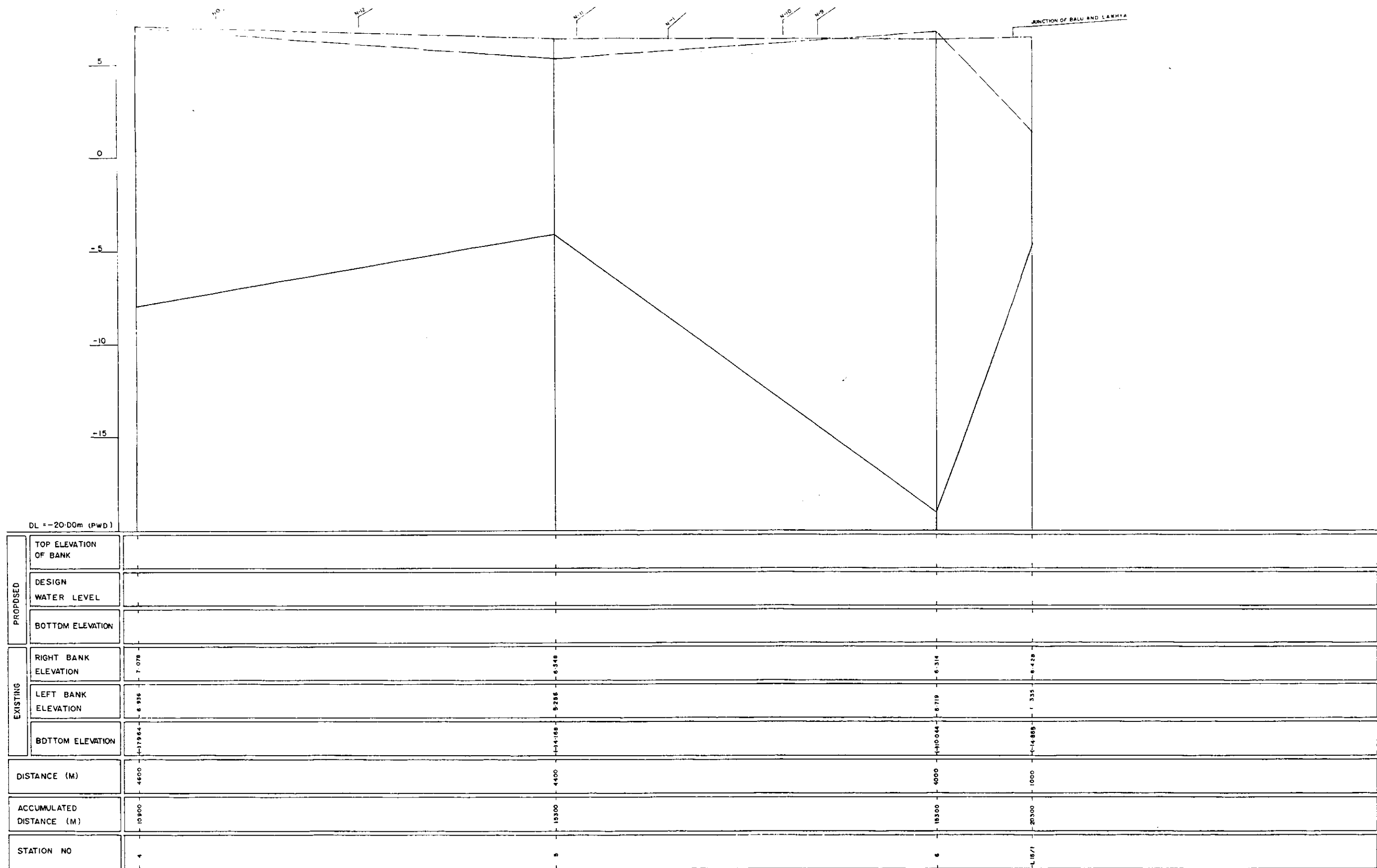
DL=0.00m

* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY-IN-DHAKA-METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
TURAG RIVER		SCALE	H.K.L:1000 V.H.L:1000
DWG. NO.	TR/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM

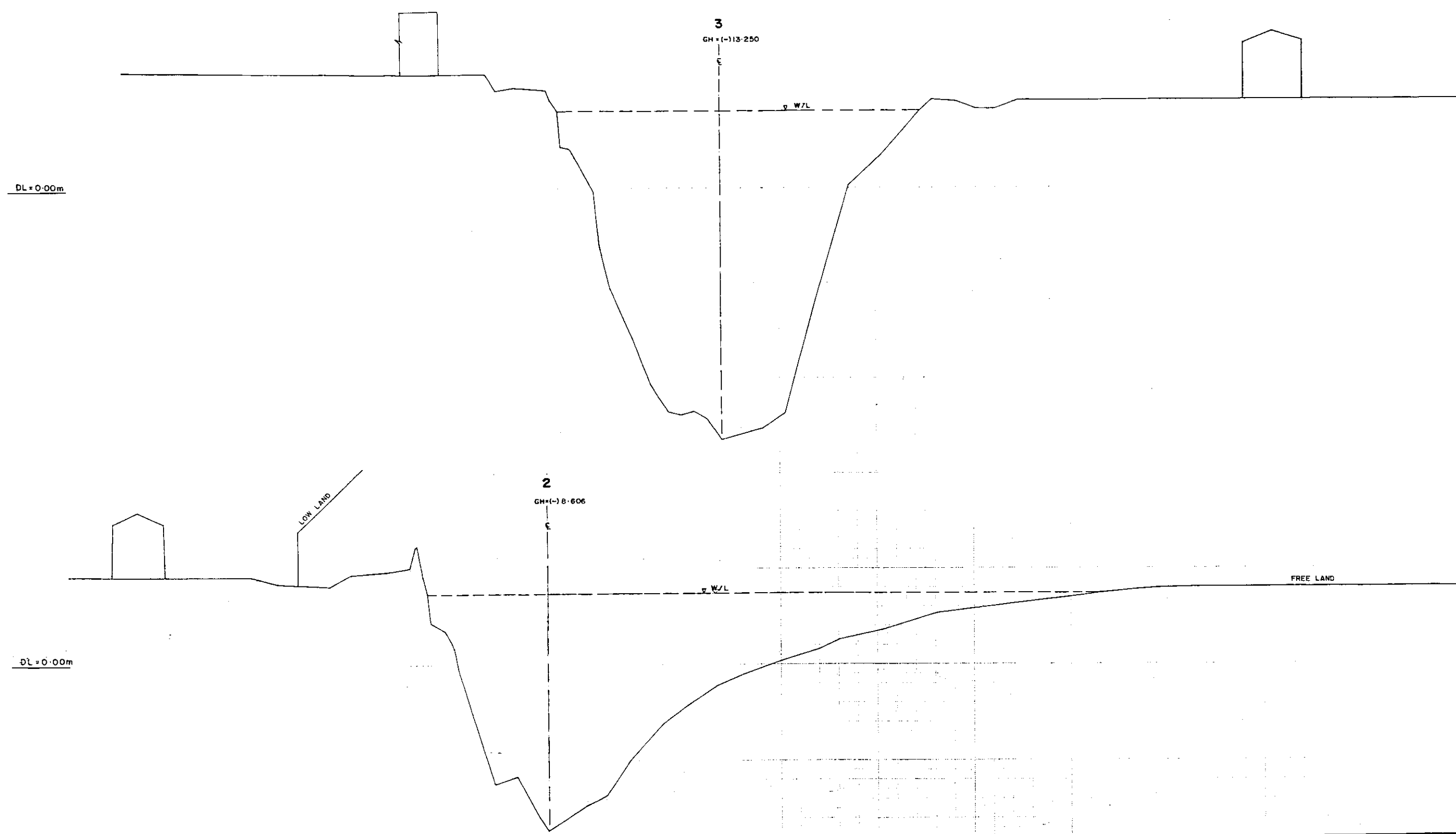


LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UPSTREAM

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A
DHAKA METROPOLITAN AREA
LONG SECTION OF RIVER

LAKHYA RIVER	SCALE	H=1:2000 V=1:100
DWG. NO. LR/L-2	DATE	JUNE, 1991

JAPAN INTERNATIONAL COOPERATION AGENCY



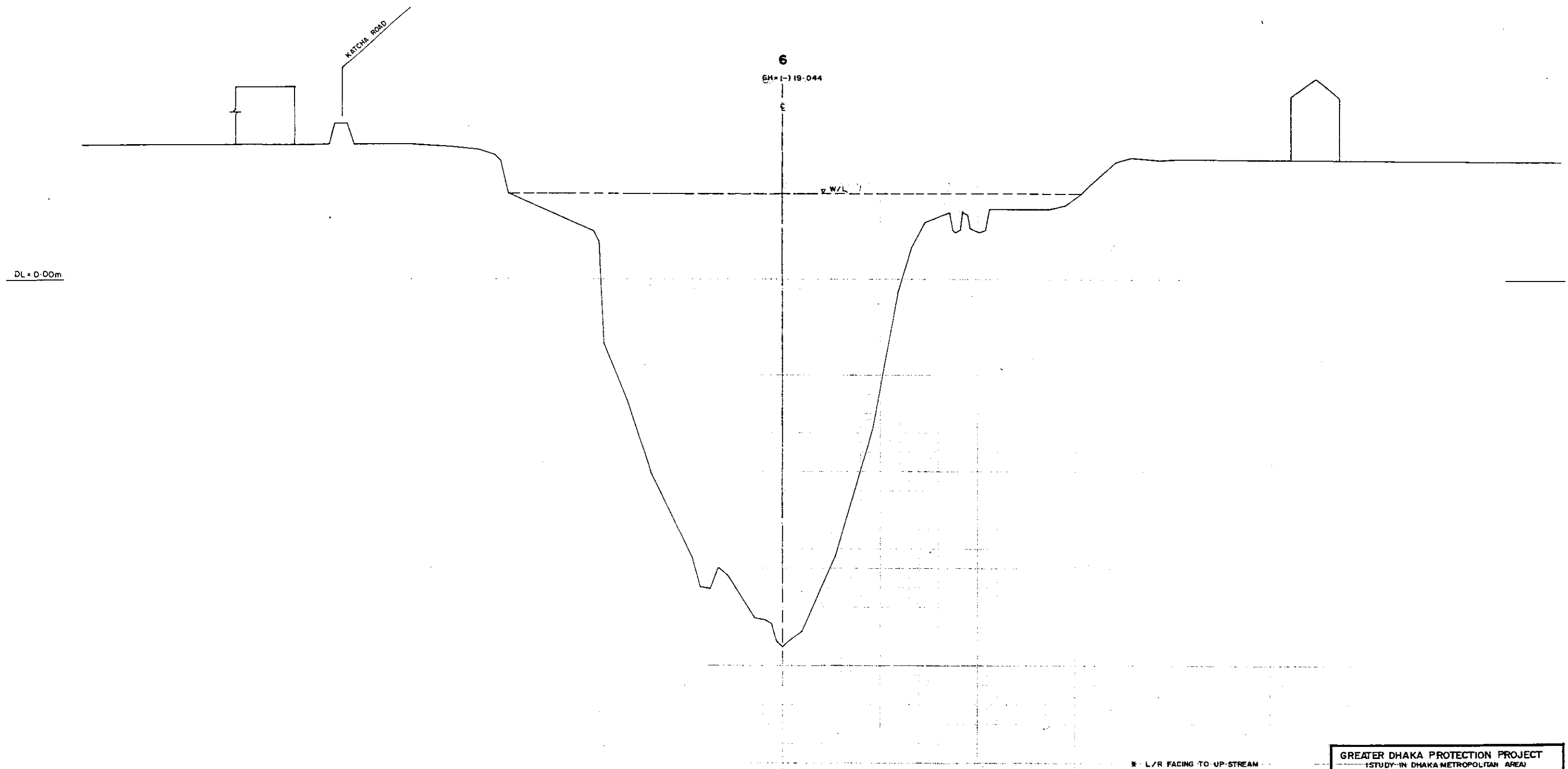
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
LAKHYA RIVER	SCALE	H=1:1000	V=1:100
OWG NO	LR/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



* L/R FACING TO UP STREAM.

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
LAKHYA RIVER	SCALE	H = 1:1000	V = 1:100
DWG NO.	LR / C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
LAKHYA RIVER		SCALE	H = 1:1000 V = 1:100
DWG NO.	LR / C-3	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

SUNCTION OF
BALU AND CANALS

DC-9

DC-16

DL = -20.00m (PWD)

STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			BOTTOM ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	BOTTOM ELEVATION	DESIGN WATER LEVEL	TOP ELEVATION OF BANK
8	0	0	1-113-044	6-71.9	6-314			
81	1000	1000	1-113-065	7-355	1-535			
82	5775	4775	1-113-036	4-855	4-882			
83	6175	3400	1-113-529	6-384	5-826			
84	11490	2225	1-113-132	5-418	2-514			

LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN ND8A

DHAKA METROPOLITAN AREA
LONG SECTION OF RIVER

BALU RIVER

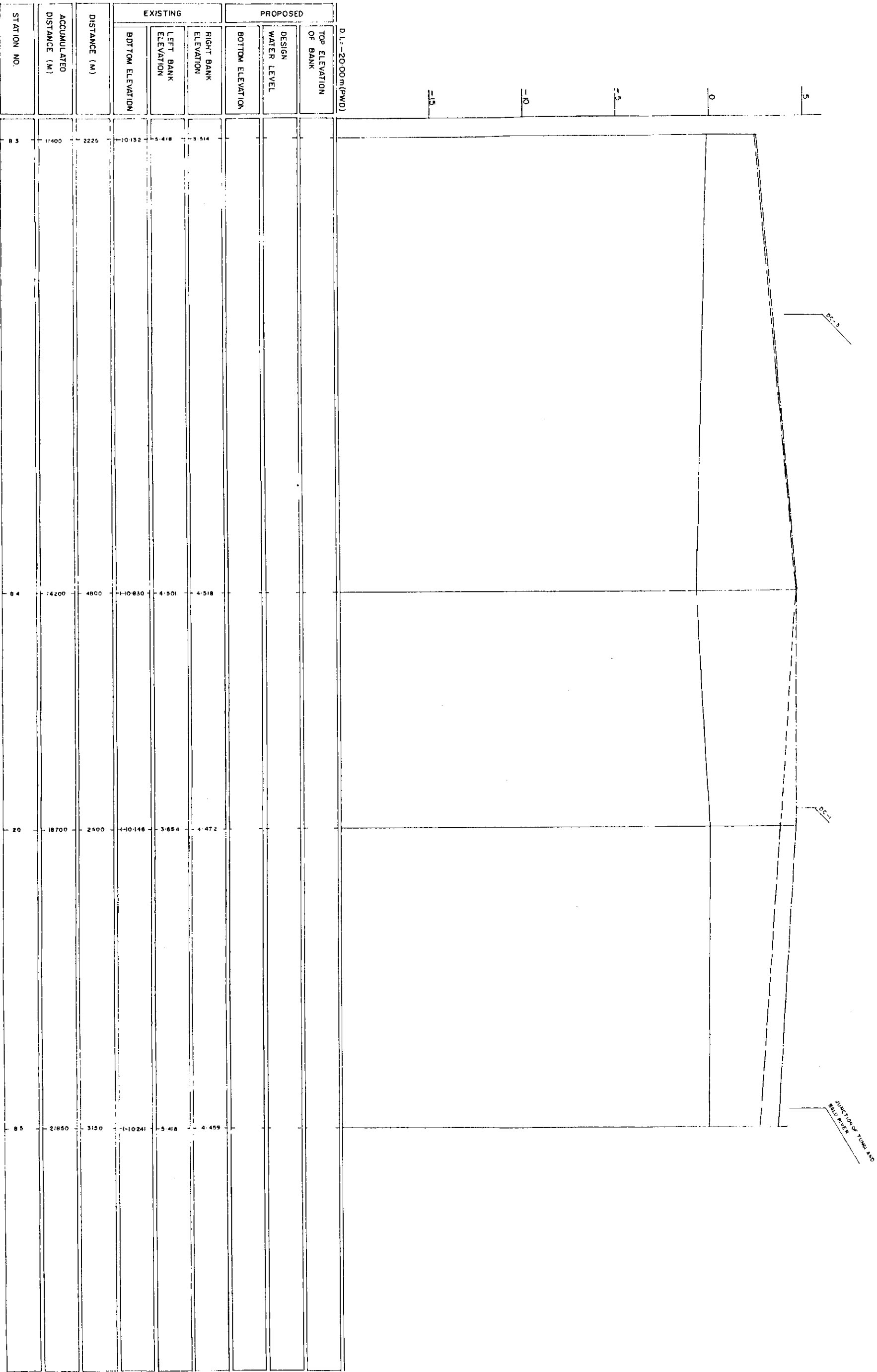
DWG. NO. BR/L-1

SCALE 1:125000

DATE JUNE, 1991

JAPAN INTERNATIONAL CO OPERATION AGENCY

220



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM

22/

20

GH= (-) 0.146

€

▽ W/L

DL=0.00m

19

GH= (-) 3.529

€

▽ W/L

DL=0.00m

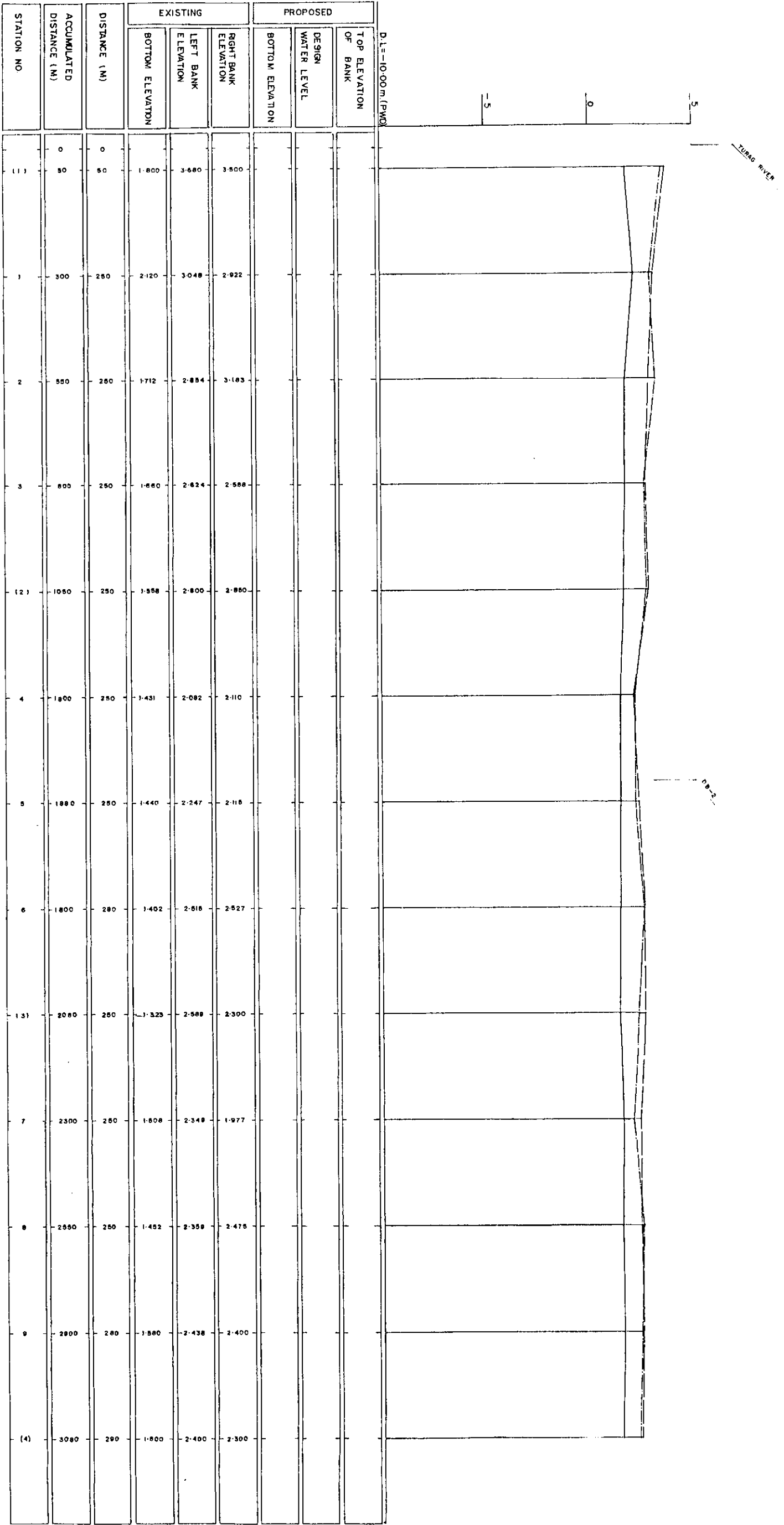
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
BALU RIVER	SCALE	H=1:1000	V=1:100
DWG NO.	BR/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

5. CANAL (KHAL)

GREATER DHAKA (DR-1 ~ DC-23)
NARA YANGANI (N-1 ~ N-24)

Note: The Drawings were scaled down to 50% from the original drawings.



LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FROM TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

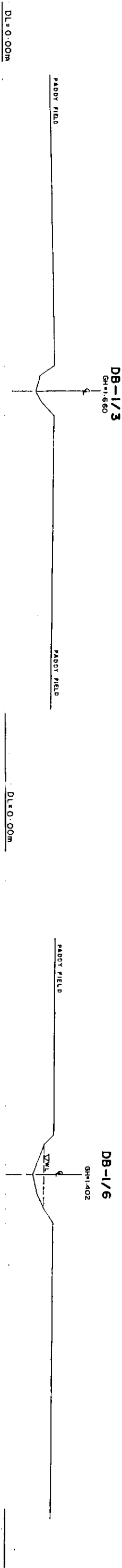
DB-1

OWG. NO. KG LI DATE SCALE

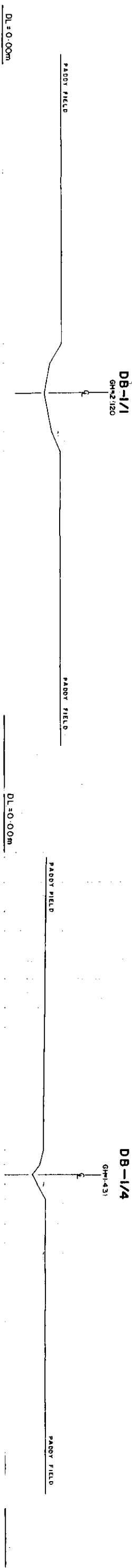
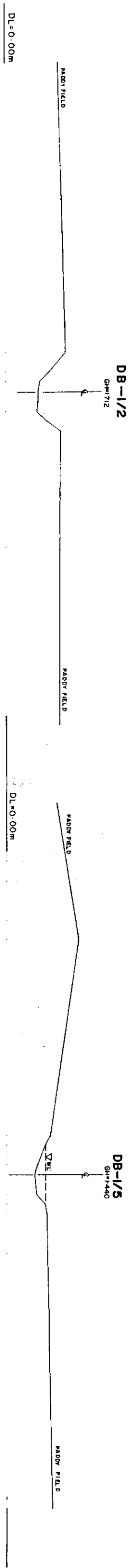
W.P. 1000
V.P. 100
JUNE, 1991

JAPAN INTERNATIONAL CO OPERATION AGENCY

C/S-12) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C1



C/S-13) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C2



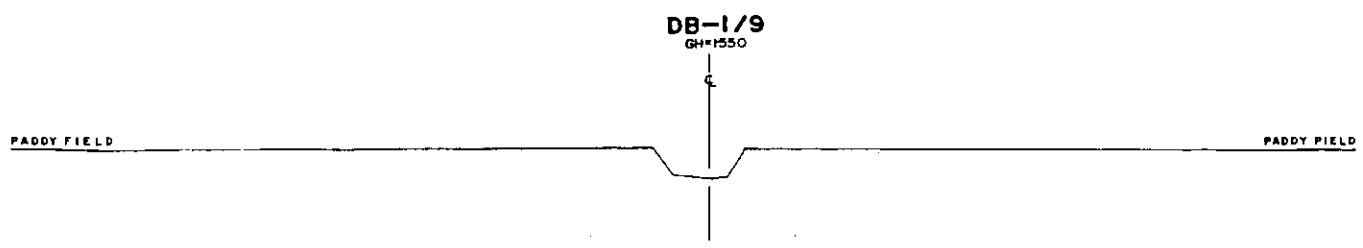
C/S-11) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C1

* L/R FACING TO UP STREAM

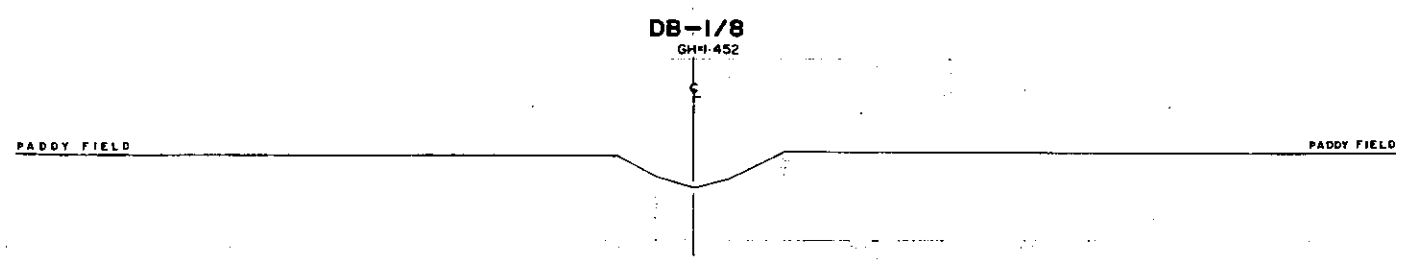
GREATER DHAKA PROTECTION PROJECT			
ESTUDY "W" DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-1	SCALE	1:1,200	
DWG. NO.	KG. C1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S-(4) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C2

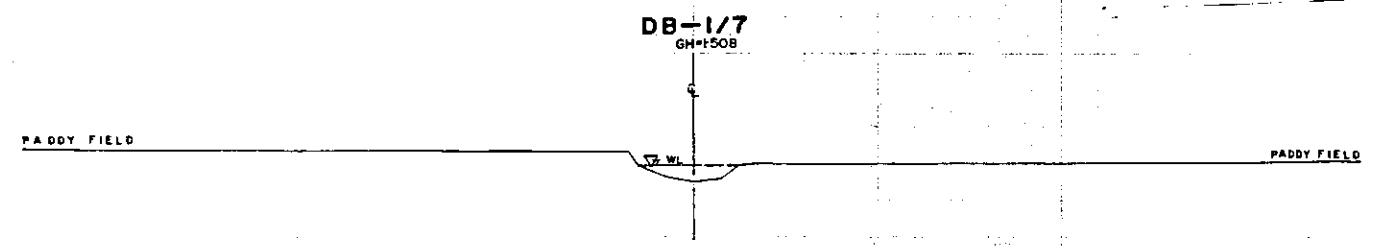
DL = 0.00m



DL = 0.00m



DL = 0.00m



* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-1	SCALE	H=0.200 V=1.000	
DWG. NO.	KG C2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

D.L. = 10100 m P.W.D.

STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			BOTTOM ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	BOTTOM ELEVATION	DESIGN WATER LEVEL	TOP ELEVATION OF BANK
(1)	0	0	1-147	1-174	1-044			
1	50	250	1-227	2-178	2-228			
2	100	250	1-234	1-717	2-054			
3	150	250	1-327	2-306	2-274			
(2)	200	250	1-246	2-100	1-690			
4	250	250	1-227	2-046	2-052			
5	300	250	1-187	3-189	3-080			
6	350	250	1-417	3-790	3-871			

LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACIN TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

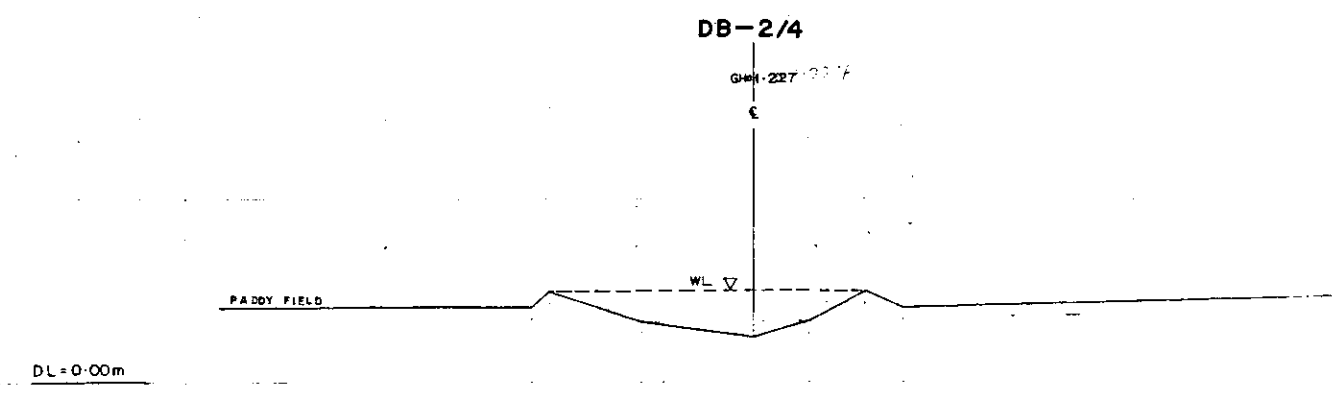
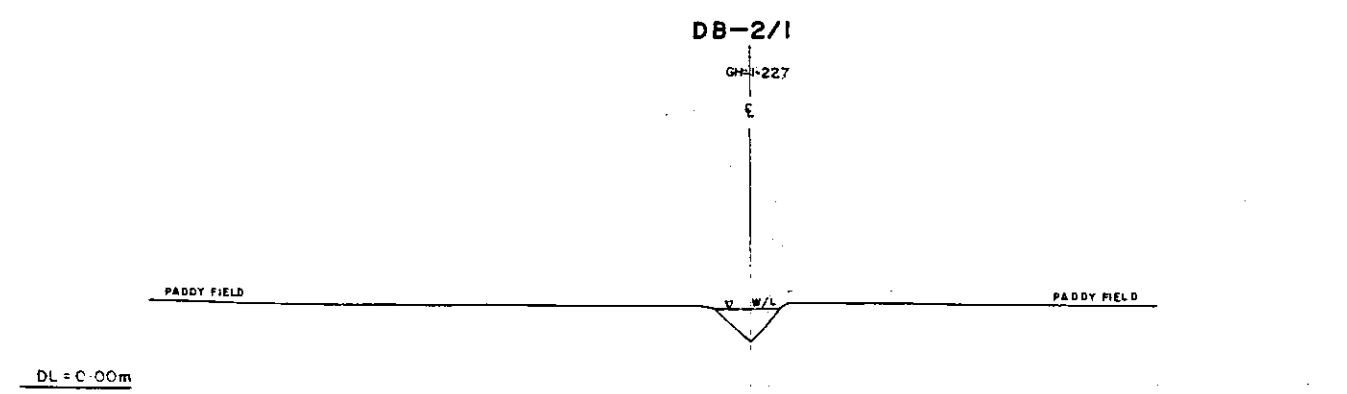
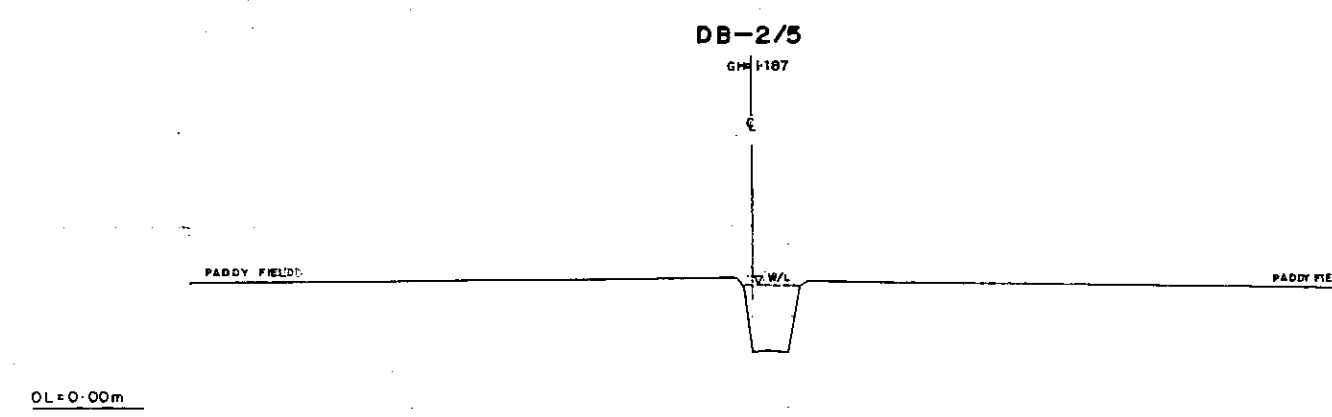
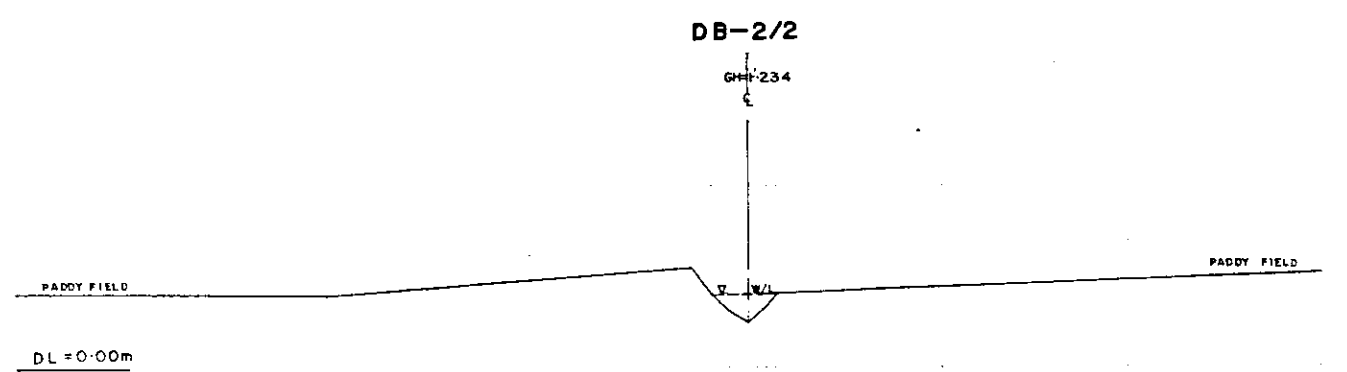
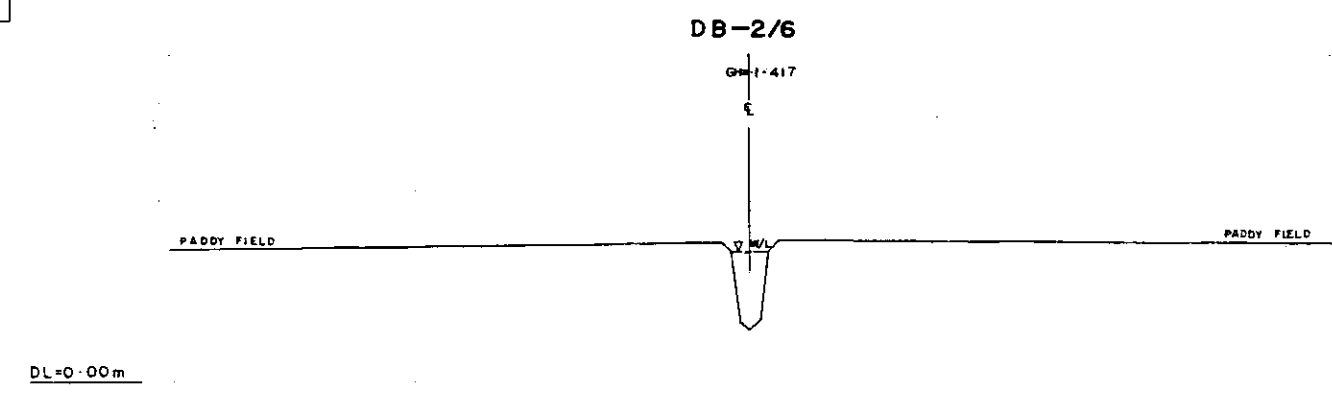
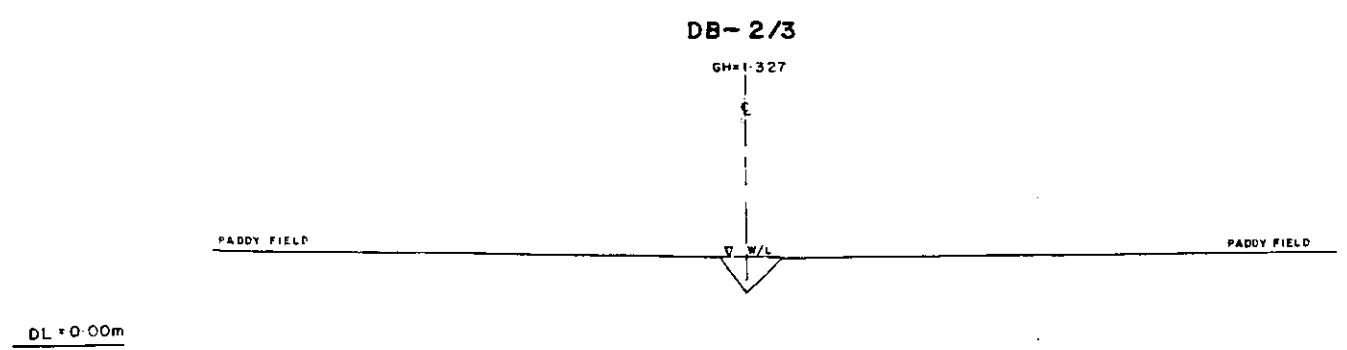
DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

DB-2SCALE 1:1500
OWG NO. KG L 2DATE JUNE, 1991

JAPAN INTERNATIONAL CO OPERATION AGENCY

226

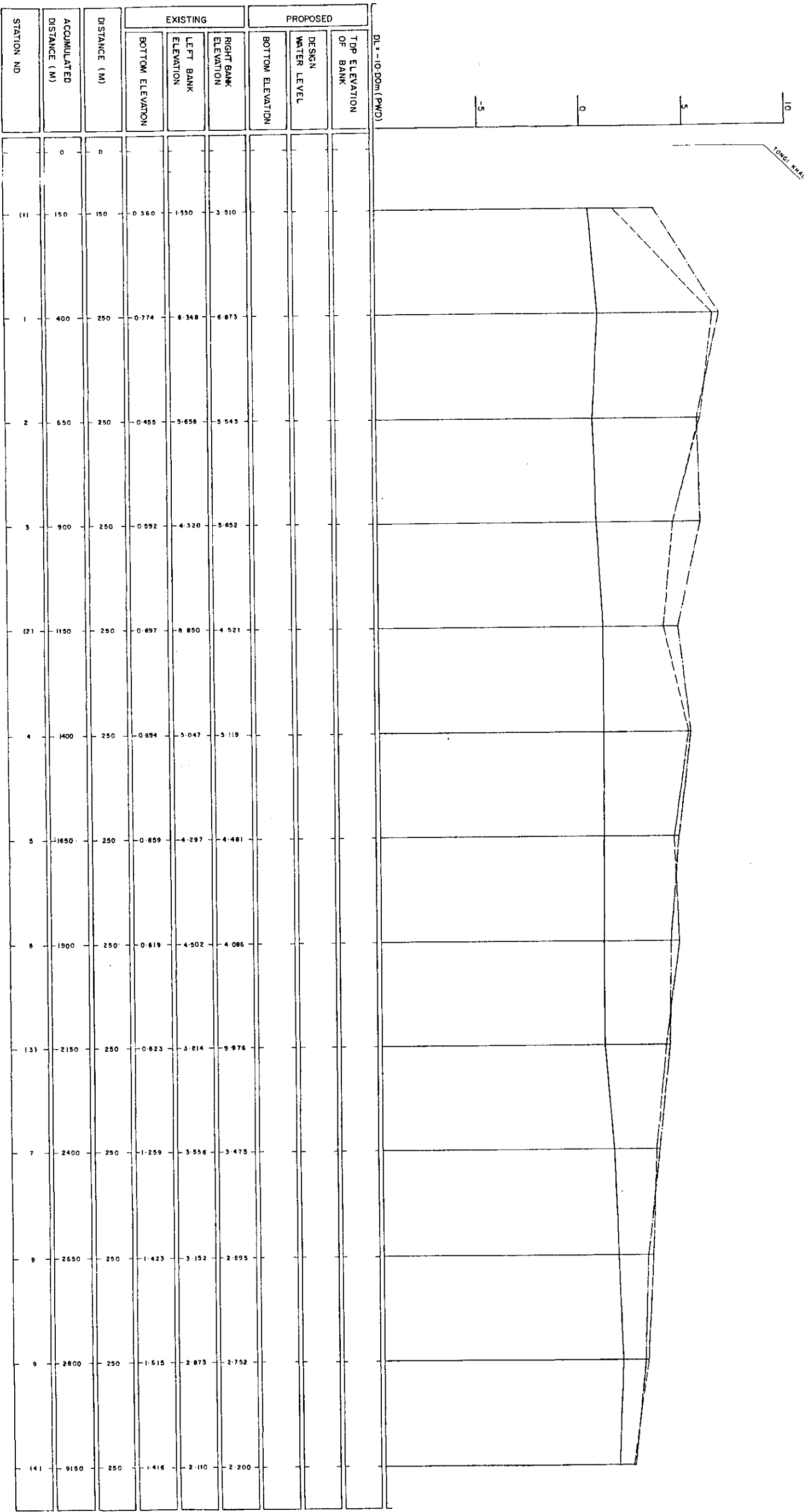
C/S-(12) SURVEYED IN MARCH, 1991
REF DRG. NO-KG C3

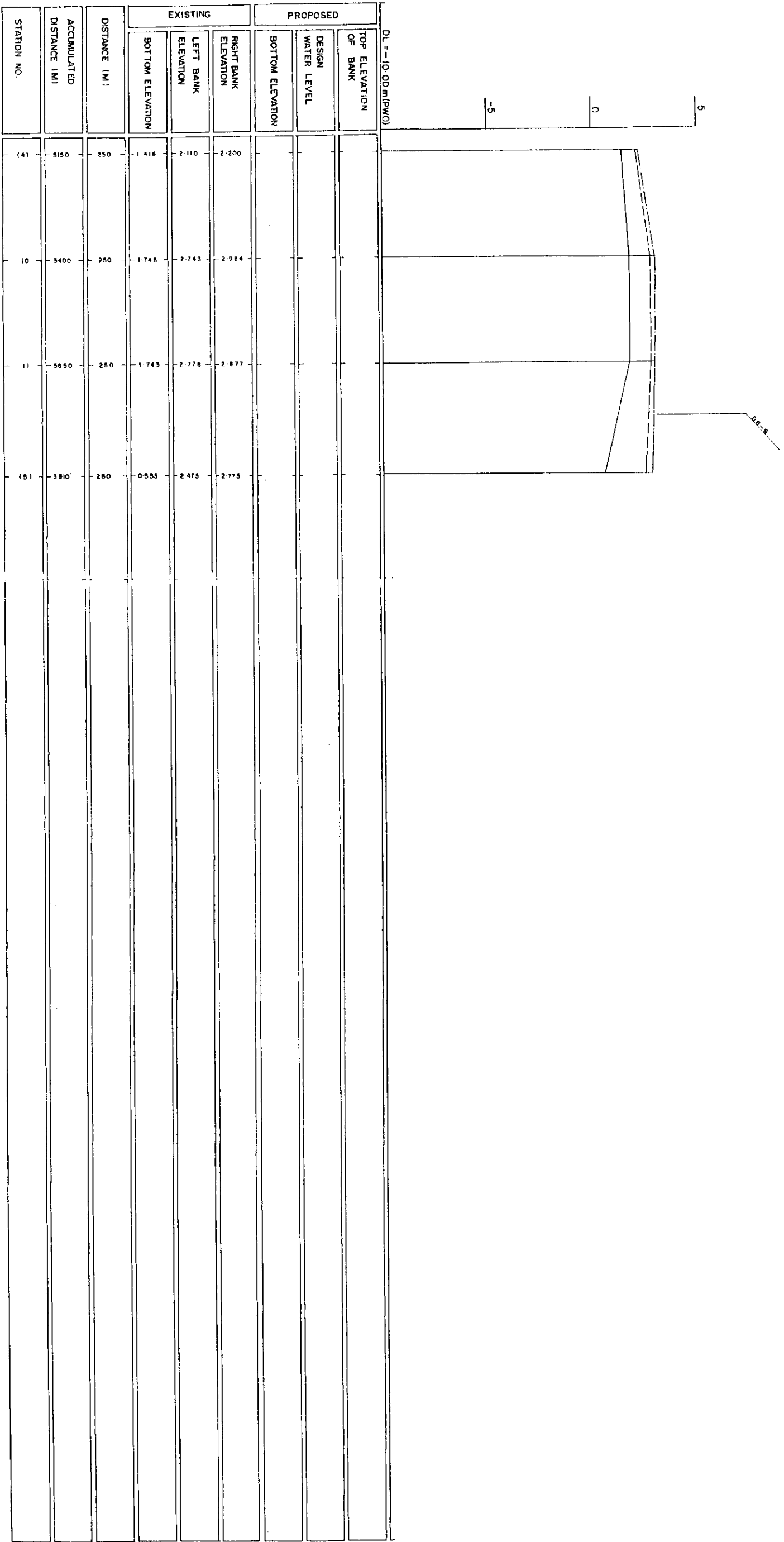


C/S-(11) SURVEYED IN MARCH, 1991
REF DRG. NO-KG C3

* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-2	SCALE	H=1:200 V=1:100	
DWG. NO.	KG C3	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			





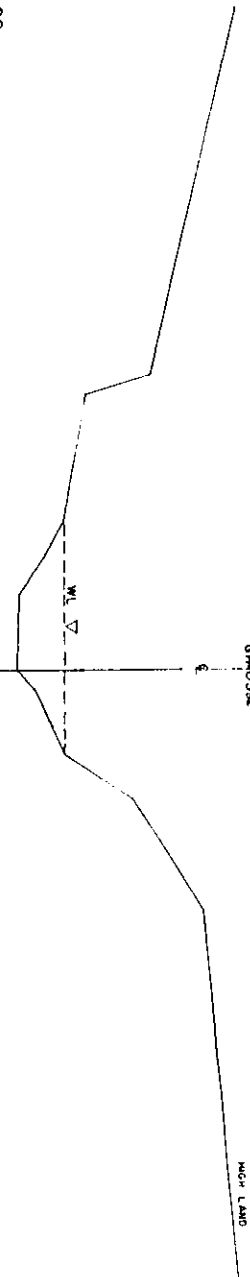
LEGEND
EXISTING LEFT GROUND LINE - - - - -
EXISTING RIGHT GROUND LINE - - - - -
EXISTING BOTTOM LINE - - - - -
*L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

262

C/S-12) SURVEYED IN MARCH, 1991
REF. DRG. NO.-KG C4

DB-3/3

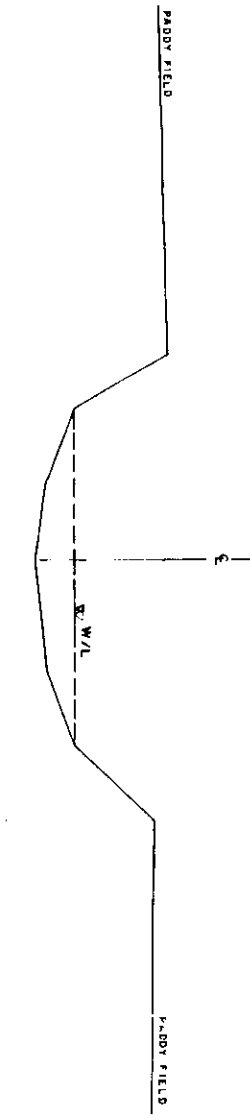
GH=0.592



C/S-13) SURVEYED IN MARCH, 1991
REF. DRG. NO.-KG C4

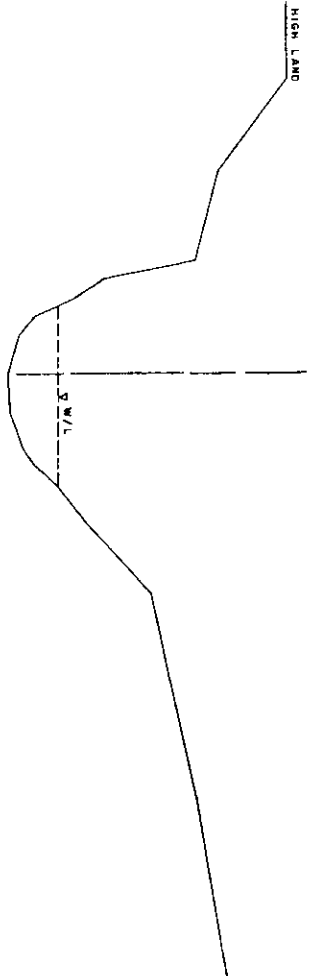
DB-3/6

GH=0.819



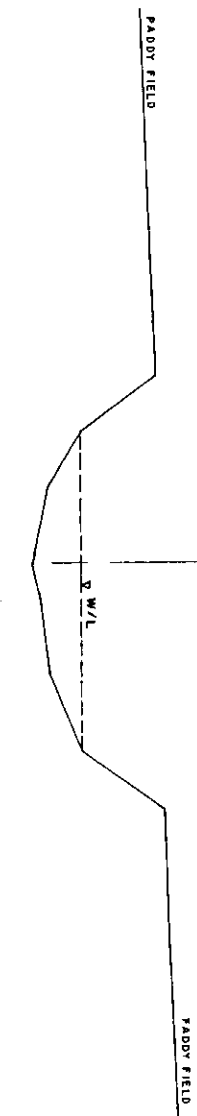
DB-3/2

GH=0.455



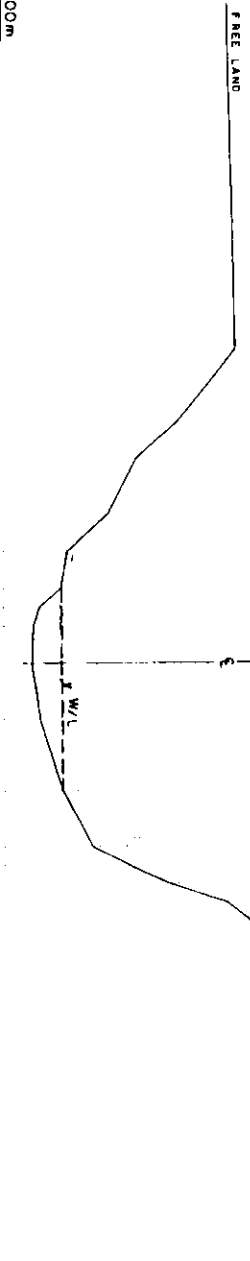
DB-3/5

GH=0.859



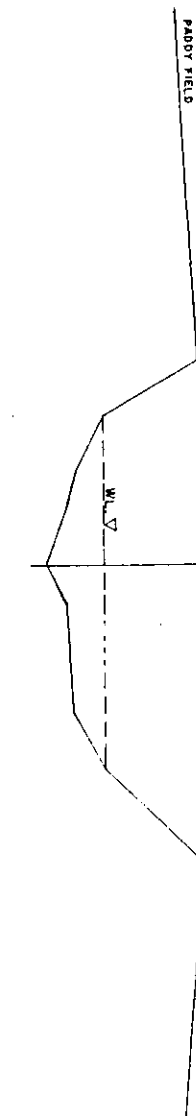
DB-3/1

GH=0.774



DB-3/4

GH=0.894

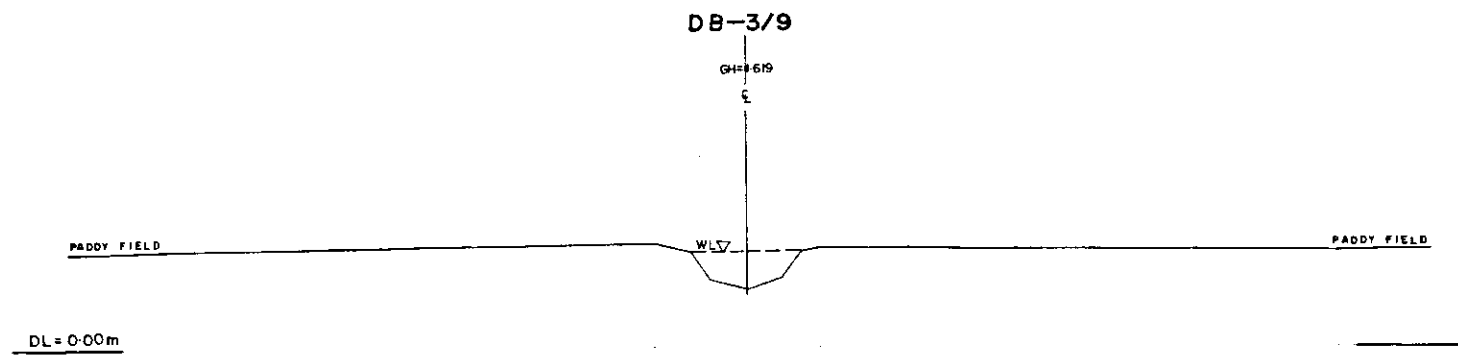


C/S-11) SURVEYED IN MARCH, 1991
REF. DRG. NO.-KG C4

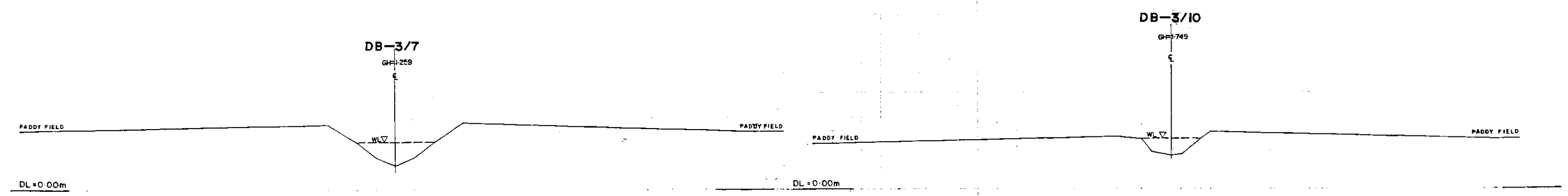
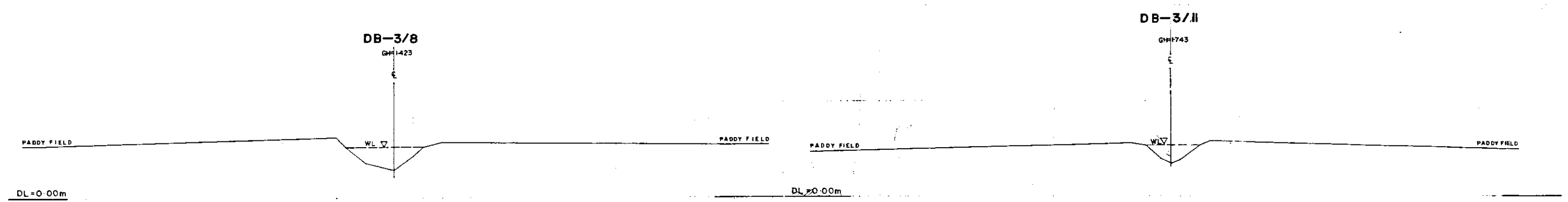
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.BA			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-3	SCALE	H=1:200 V=1:100	
DWG. NO.	KG C4	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S-(4) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C5

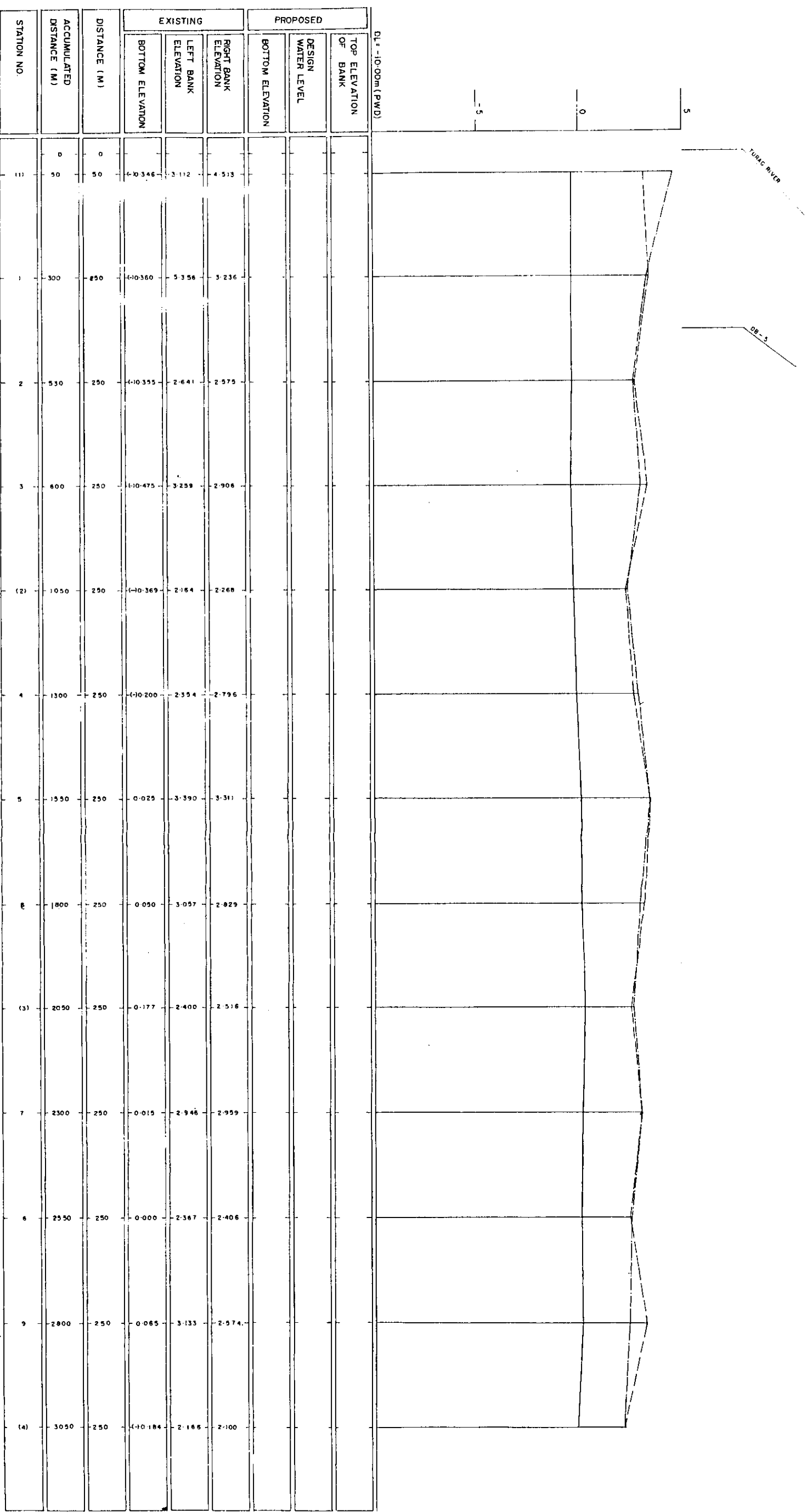


C/S-(5) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C5



* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-3		SCALE	H=1:200 V=1:100
DWG. NO.	KG C5	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

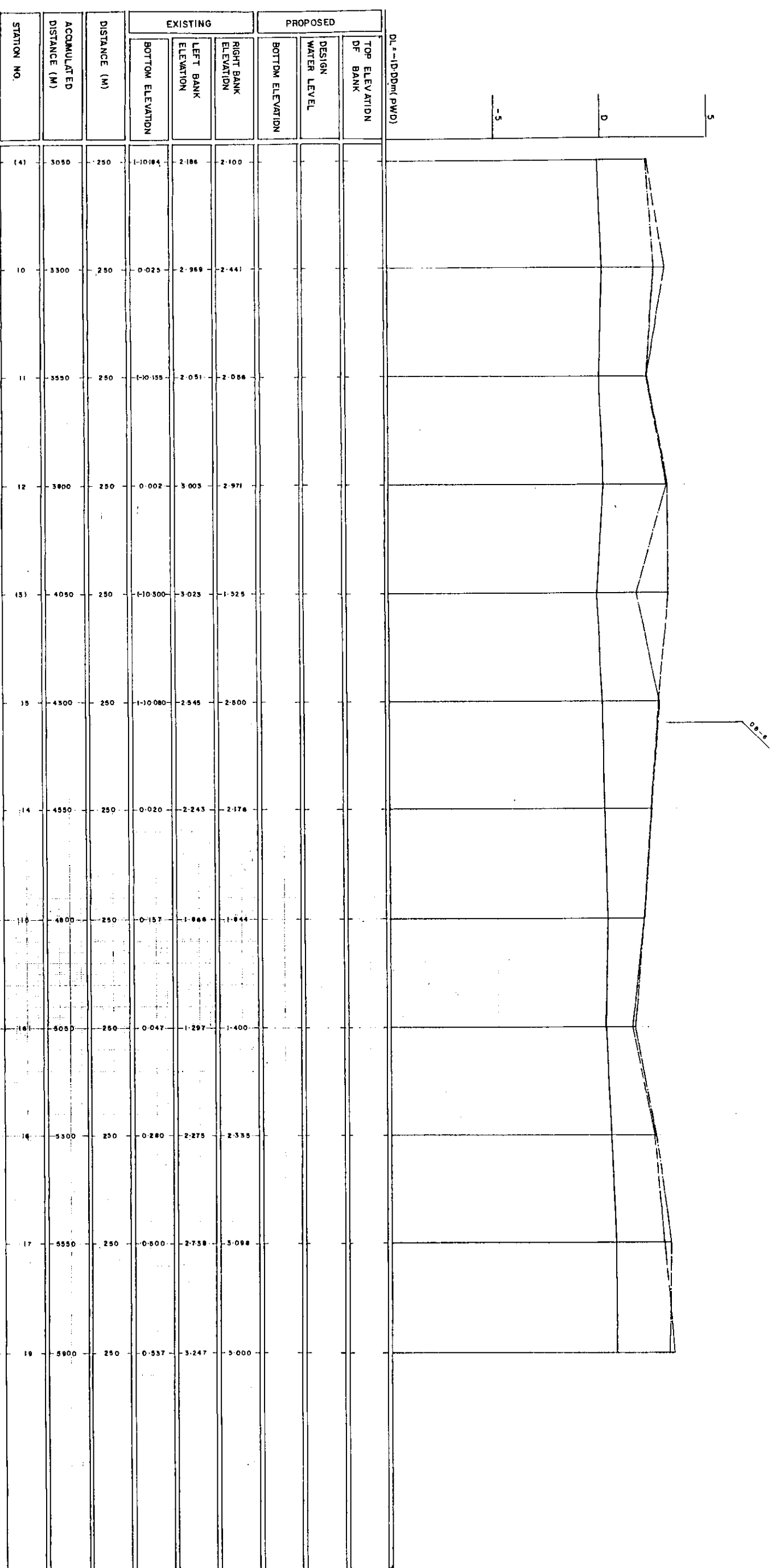
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

DWG. NO. DB-4
SCALE 1:1000
DATE JUNE, 1991

JAPAN INTERNATIONAL CO OPERATION AGENCY

2607



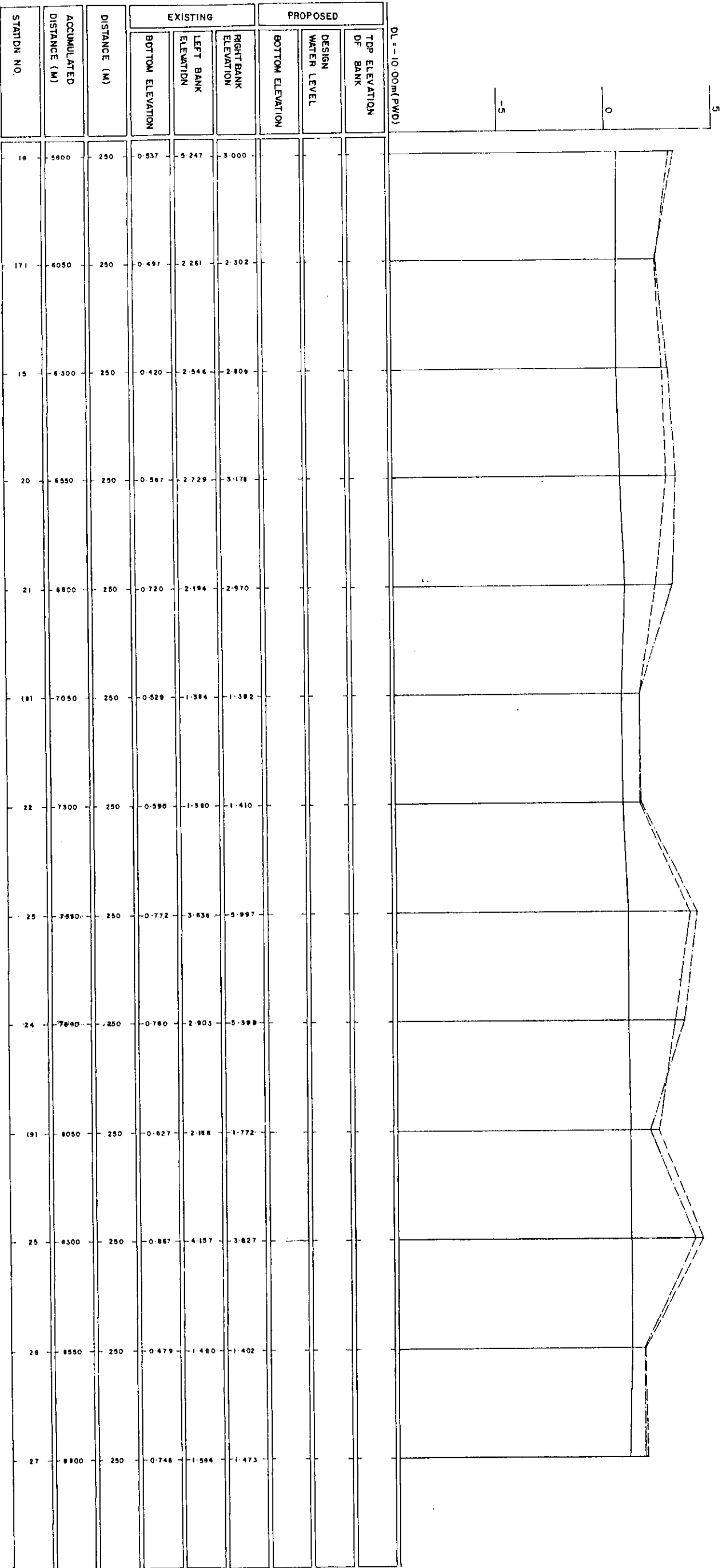
LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
#1/R FACING TO UP STREAM
(1) SURVEYED IN MARCH 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. BA

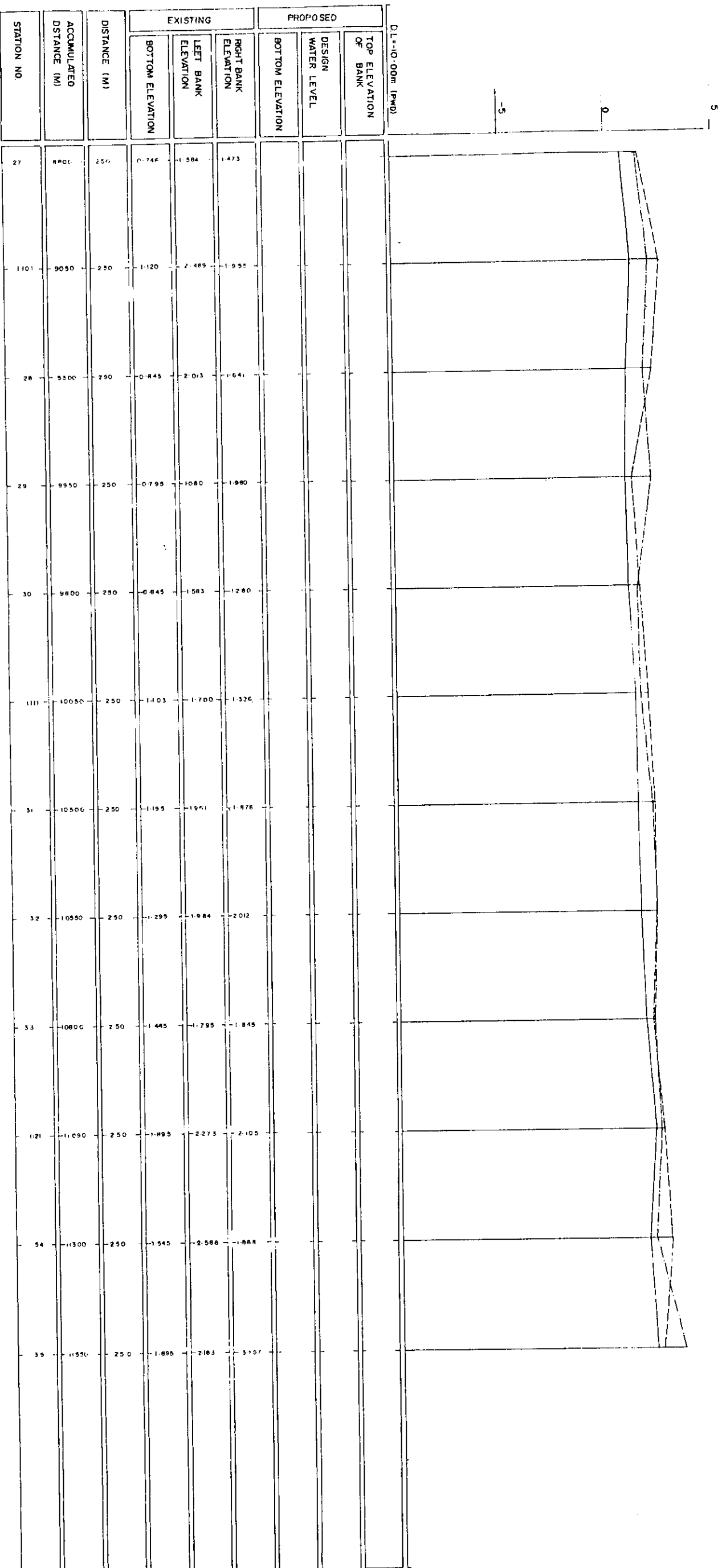
DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

DB-4
SCALE 1:1000
DATE JUNE, 1991

OWG. NO. KG L. 6
JAPAN INTERNATIONAL CO OPERATION AGENCY



LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
#/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

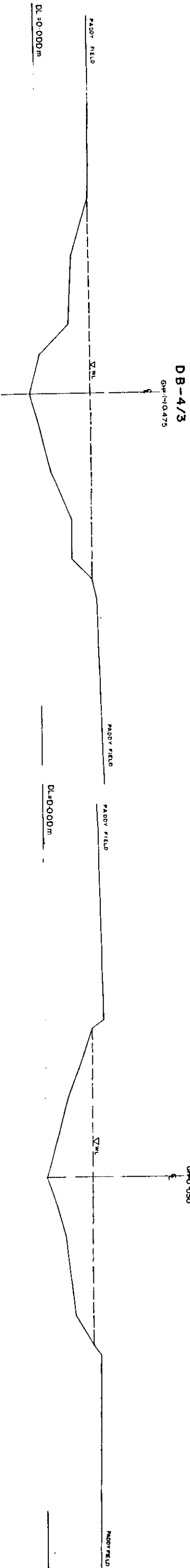


LEGEND
EXISTING LEFT GROUND LINE - - - - -
EXISTING RIGHT GROUND LINE - - - - -
EXISTING BOTTOM LINE - - - - -
*L/R FACING TO UP STREAM
1) SURVEYED IN MARCH, 1991

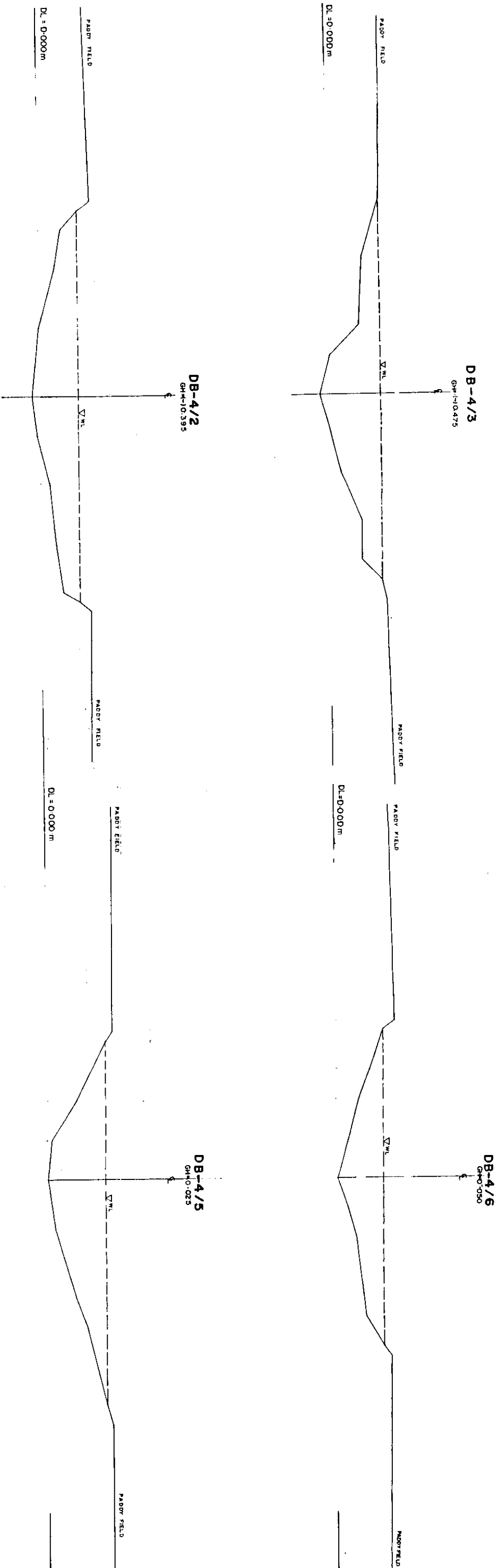
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
LONG SECTION OF CANAL			
DB-4	SCALE	1:1000	
DWG. NO.	KG	LB	DATE
			JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

206

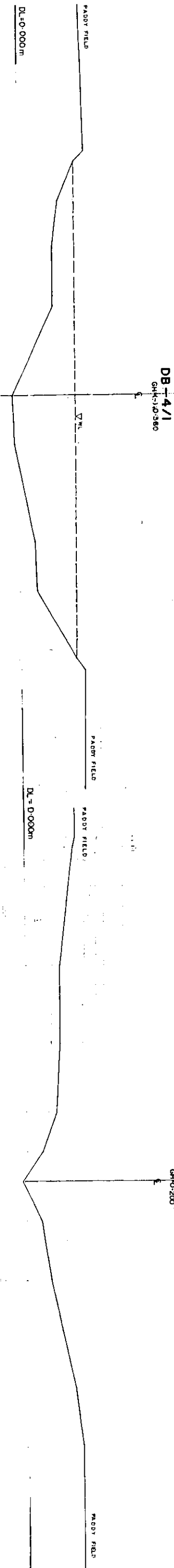
C/S-(12) SURVEYED IN MARCH, 1991
REF. DRG. NO.-KG. C-6



C/S-(13) SURVEYED IN MARCH, 1991
REF. DRG. NO.-KG. C-6



DB-4/1
GM+10.560



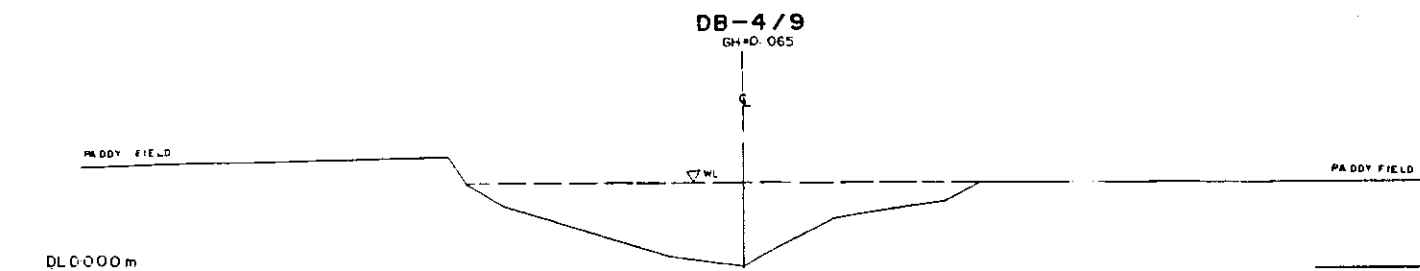
DB-4/4
GM+10.200

*L/R FACING TO UP STREAM

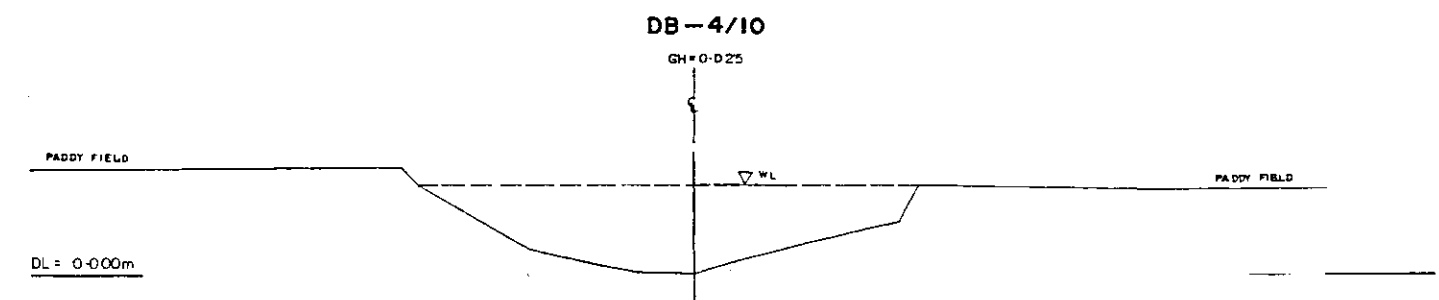
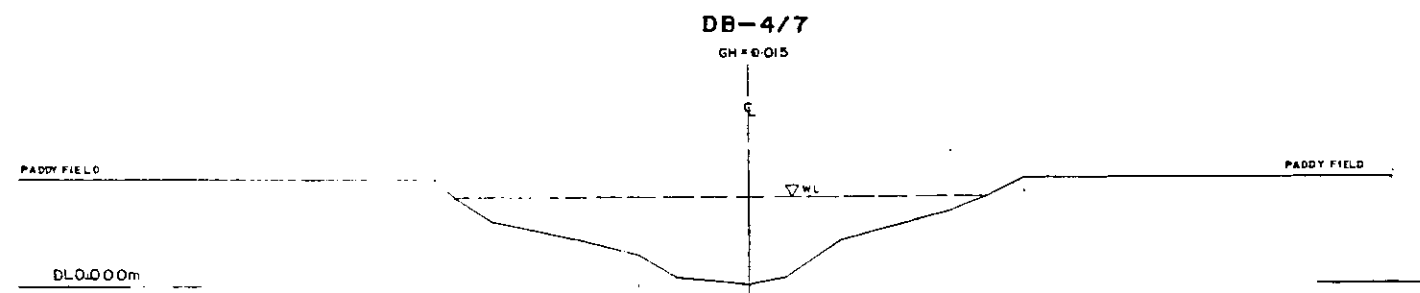
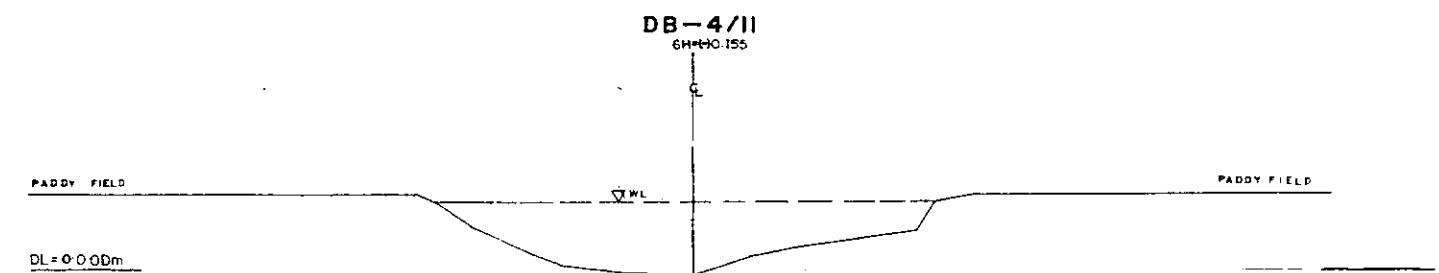
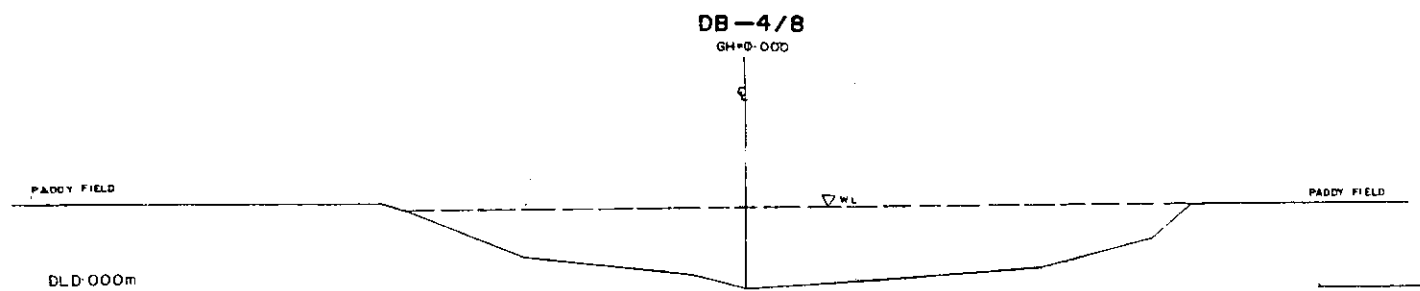
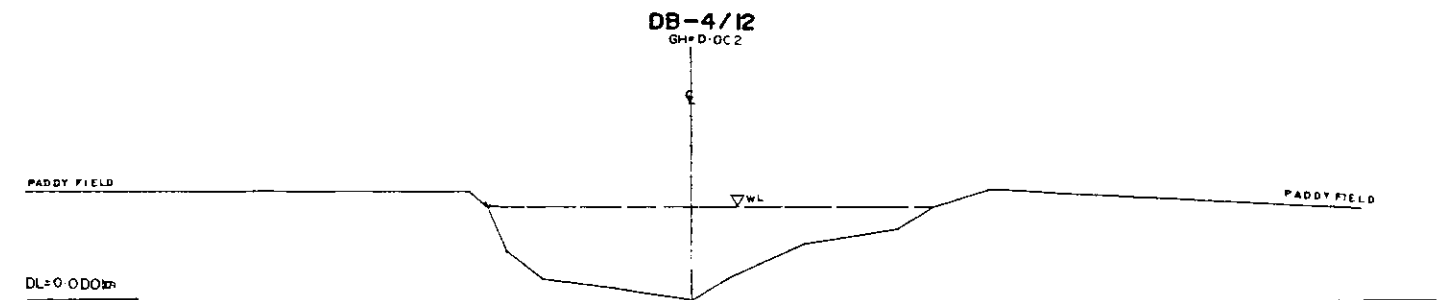
C/S-(11) SURVEYED IN MARCH, 1991
REF. DRG. NO.-KG. C-6

GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA I			
BANGLADESH FLOOD ACTION PLAN NO.BA			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-4	SCALE	H=1:200 V=1:100	
DWG. NO.	K C 6	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S-(4) SURVEYED IN MARCH, 1991
REF. DRG NO-KG C7



C/S-(5) SURVEYED IN MARCH, 1991
REF. DRG NO-KG C7



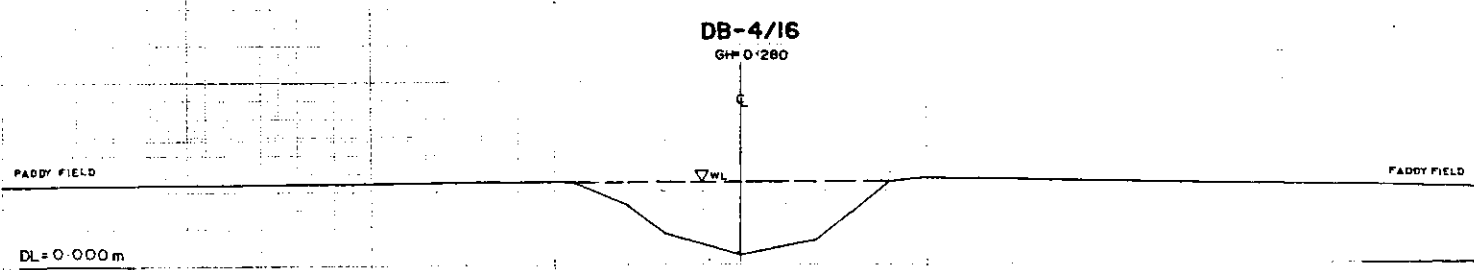
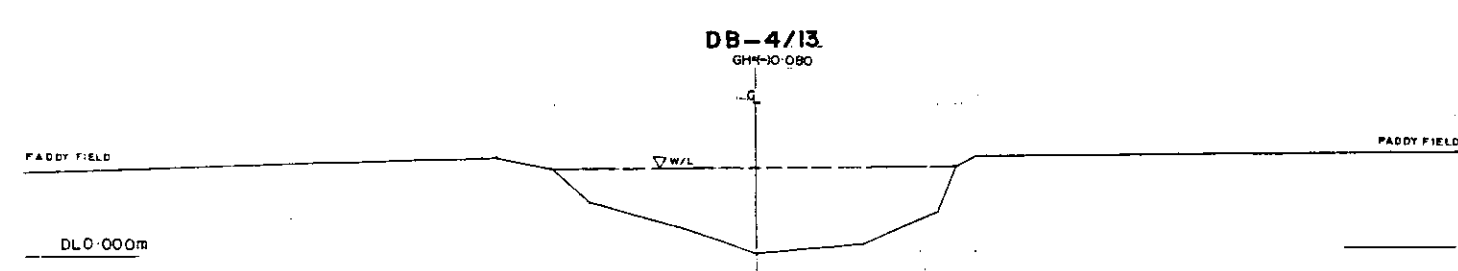
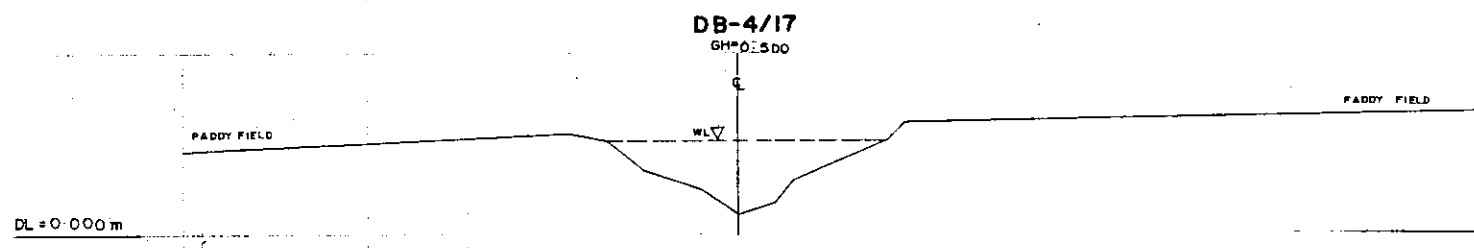
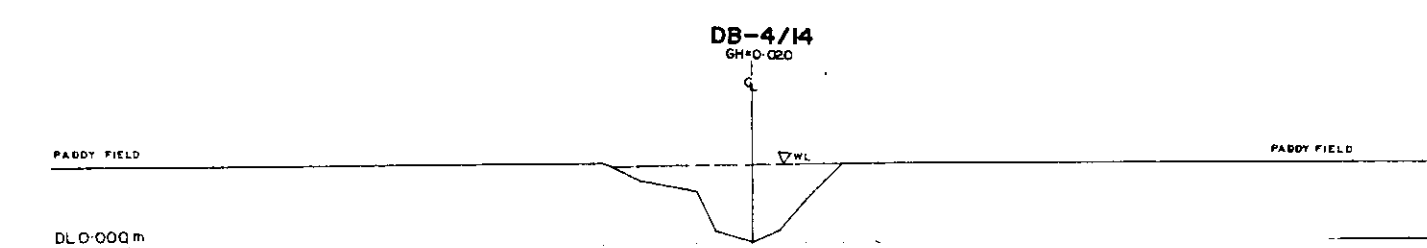
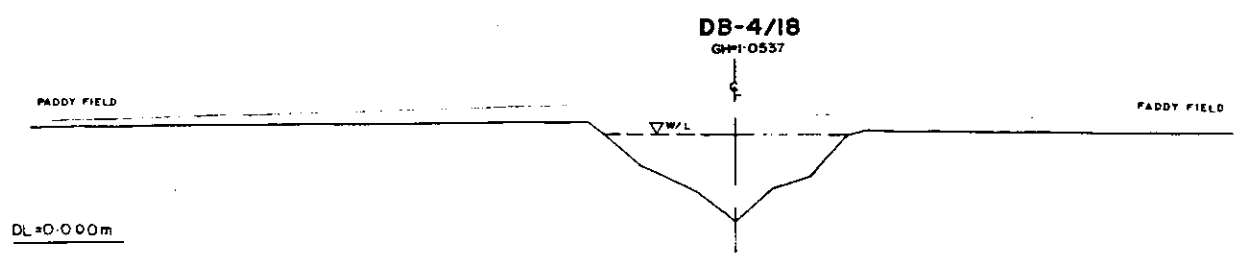
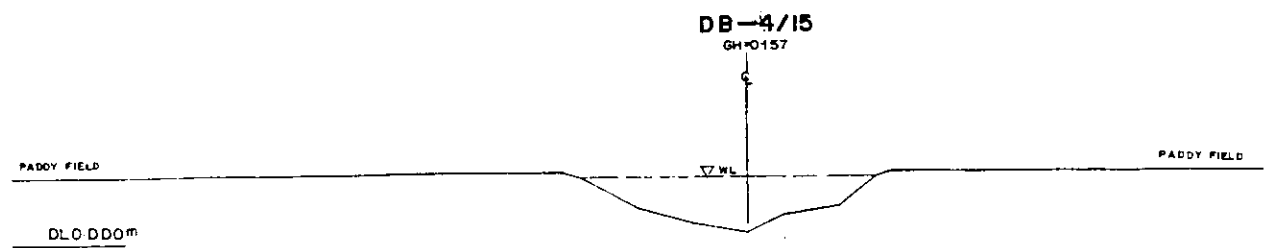
* L/R EADING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
DB-4	SCALE	H=1:200 V=1:100	
DWG. NO.	KG C7	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

260

C/S-(6) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C7

C/S-(7) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C8

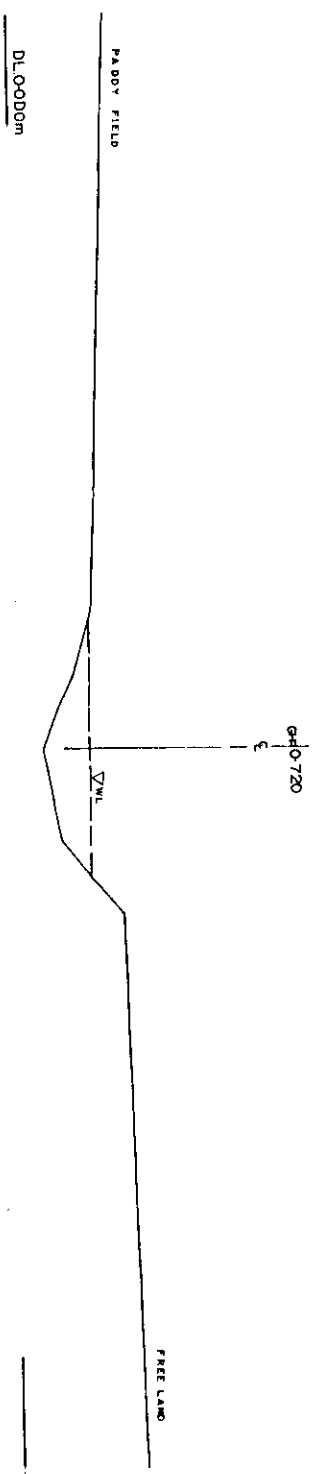


S/L/R, FACING TO UP STREAM.

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-4		SCALE	H=1:200 V=1:100
DWG. NO.	KG C8	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

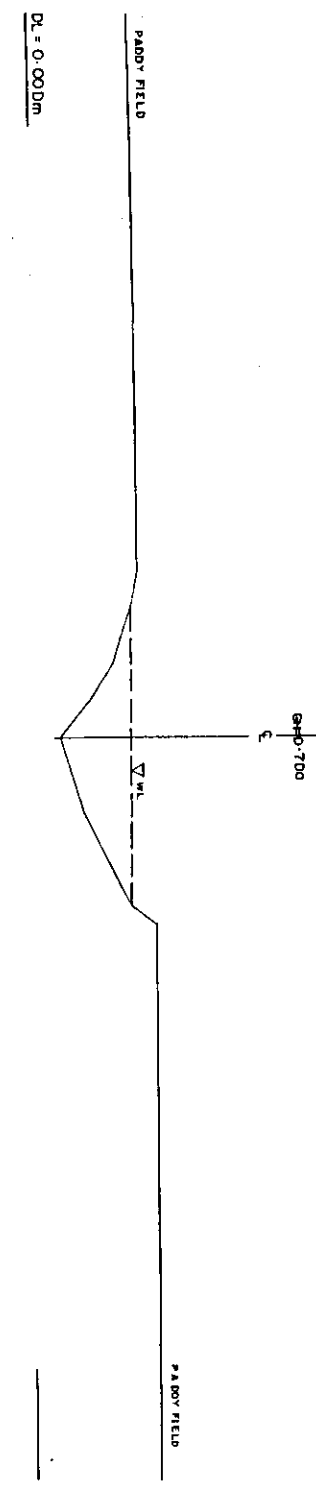
C/S-(8) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG CB

DB-4/21

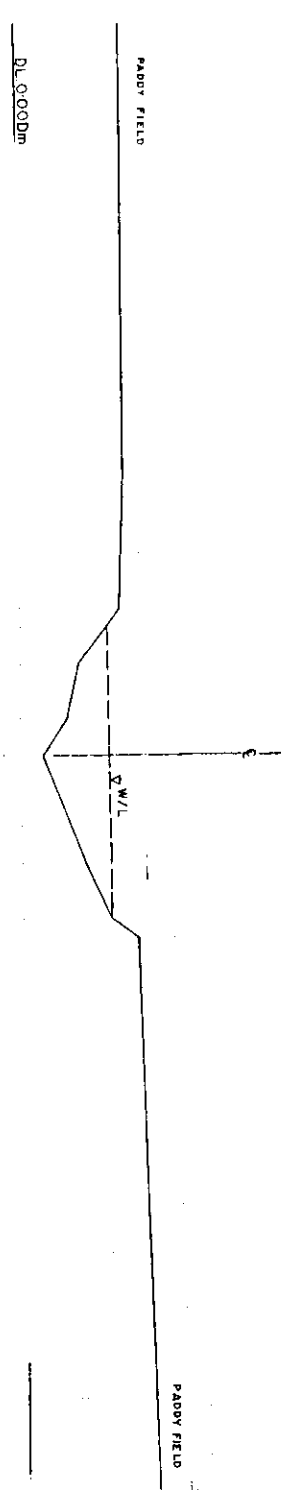


C/S-(19) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG CB

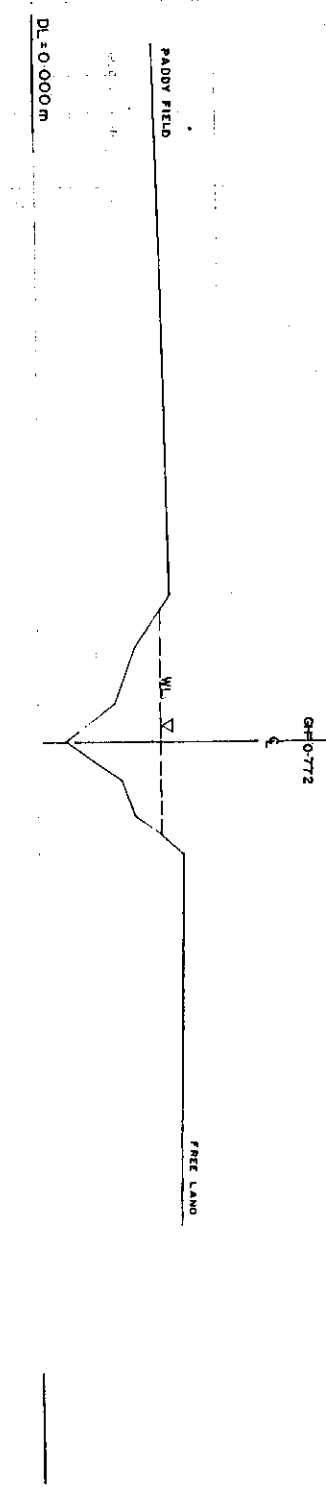
DB-4/24



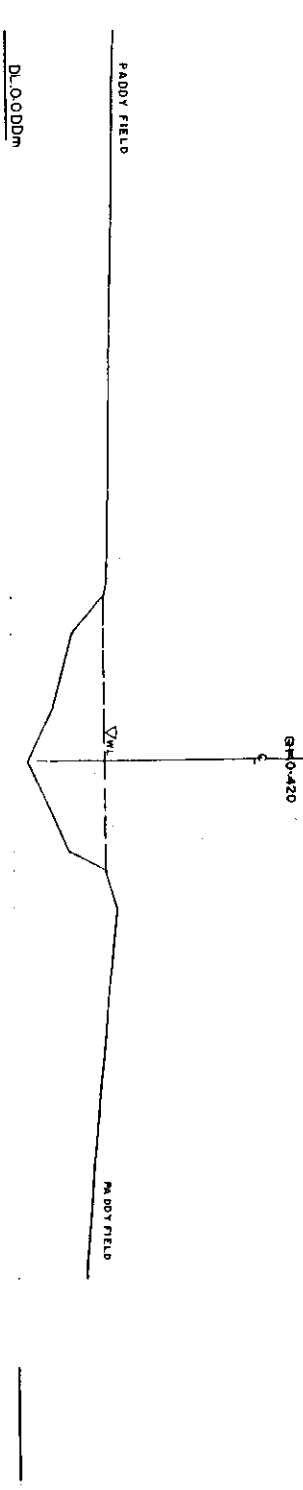
DB-4/20



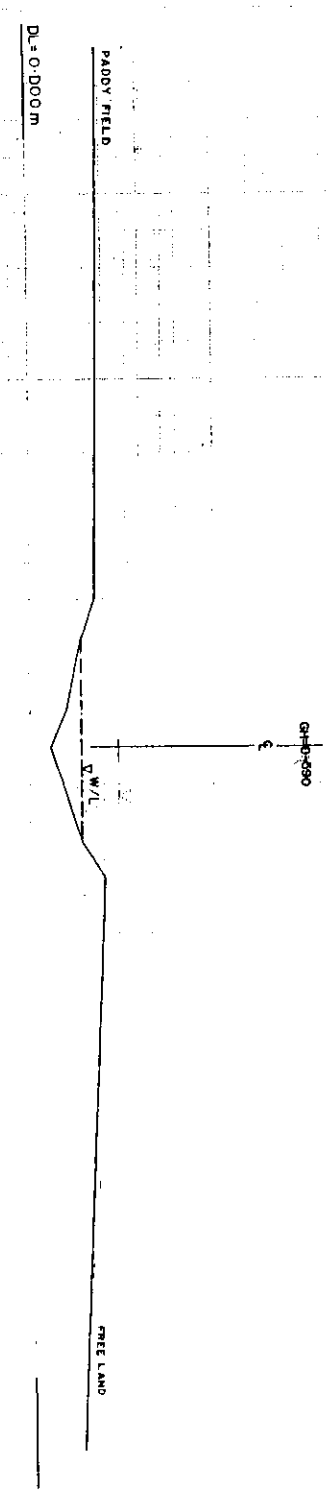
DB-4/23



DB-4/19



DB-4/22



▲ L/R PACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-4	SCALE	1:1000	
DWG. NO.	KG C9	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

282

C/S-(10) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C9

C/S-(11) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C9

DB-4/27

GH=0.746
E

LOW LAND PADDY FIELD

DL=0.000m

DB-4/30

GH=0.845
E

LOW LAND PADDY FIELD

DL=0.000m

DB-4/26

GH=0.679
E

LOW LAND PADDY FIELD

DL=0.000m

DB-4/29

GH=0.785
E

HIGH LAND PADDY FIELD

DL=0.000m

DB-4/25

GH=0.867
E

FREE LAND FREE LAND

DL=0.000m

DB-4/28

GH=0.845
E

PADDY FIELD

DL=0.000m

*L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-4		SCALE	N=1:200 V=1:100
DWG. NO.	KG C10	DATE	JUNE, 1981
JAPAN INTERNATIONAL CO OPERATION AGENCY			

286

C/S-1121 SURVEYED IN MARCH, 1991
REF. DR. NO-KG C9

DB-4/33

GH+1.445

PADDY FIELD

DL=0.000m

DB-4/32

GH+1.295

PADDY FIELD

DL=0.000m

DB-4/31

GH+1.195

PADDY FIELD

DL=0.000m

L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-4		SCALE	H=1:200 V=1:100.0
DWG. NO.	KG C11	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

241

DB-4/35

GH-1895

C

PADDY FIELD

PADDY FIELD

DL=0.000m

DB-4/34

GH-1845

C

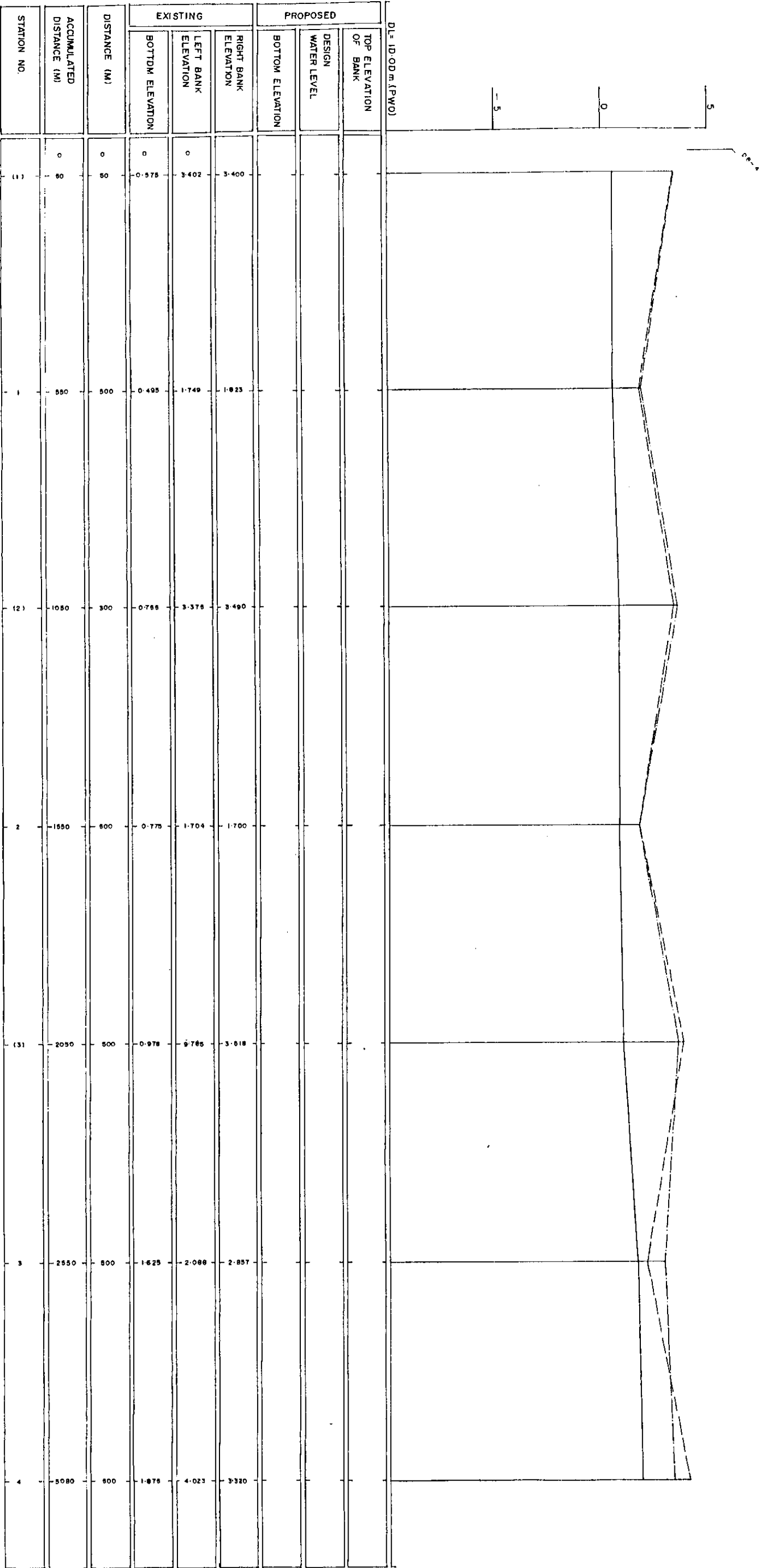
PADDY FIELD

PADDY FIELD

DL=0.000m

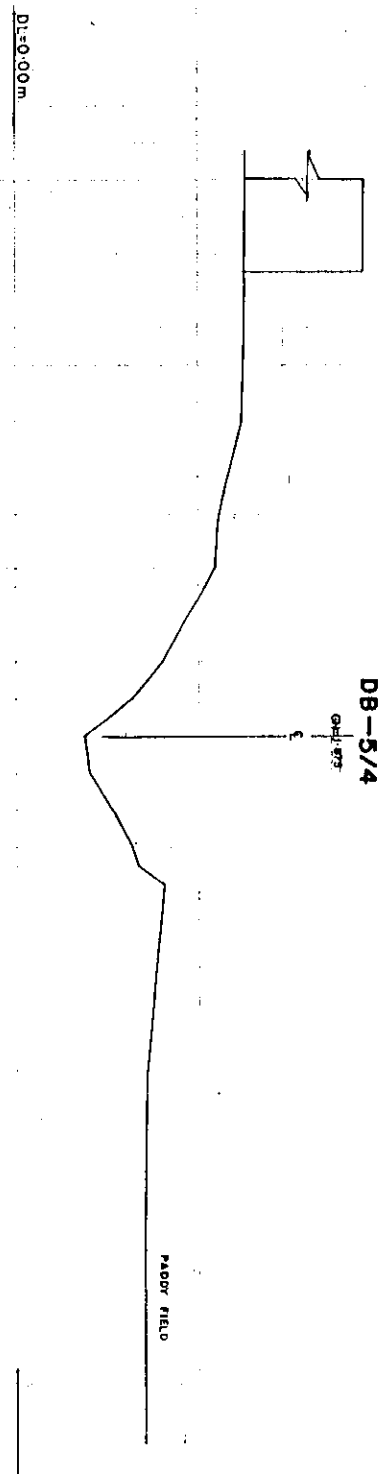
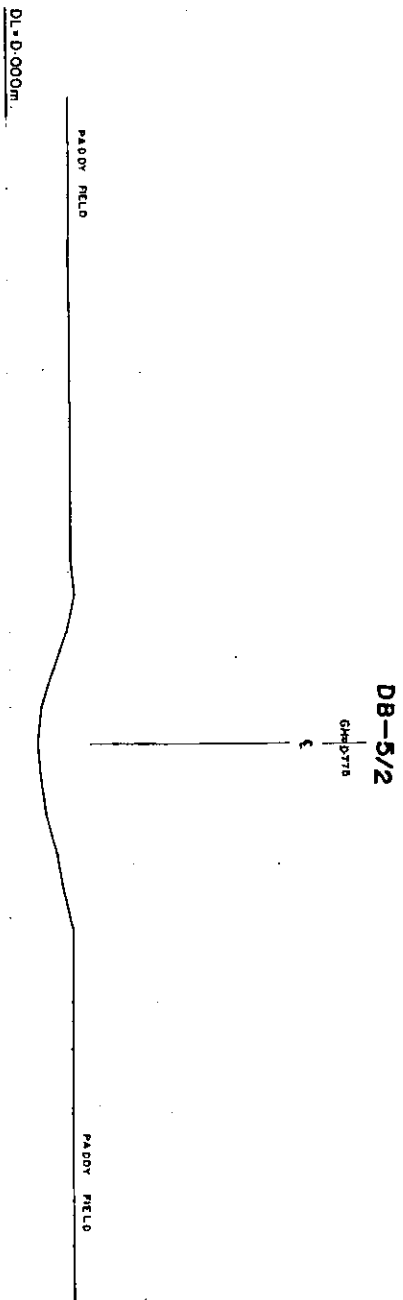
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY-IN- DHAKA-METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-4		SCALE	H=1:200 V=1:100
DWG. NO.	KG C12	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

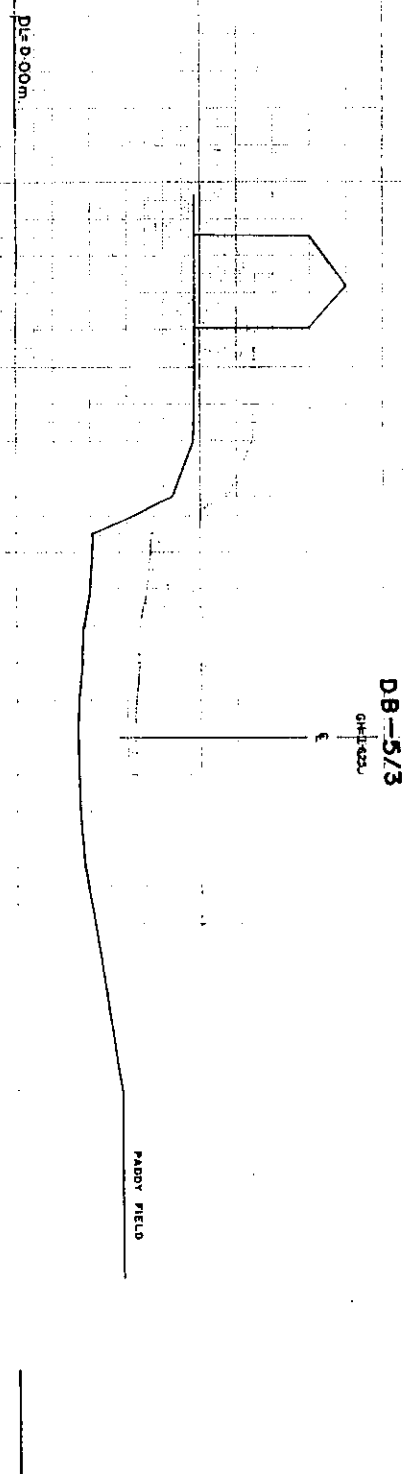
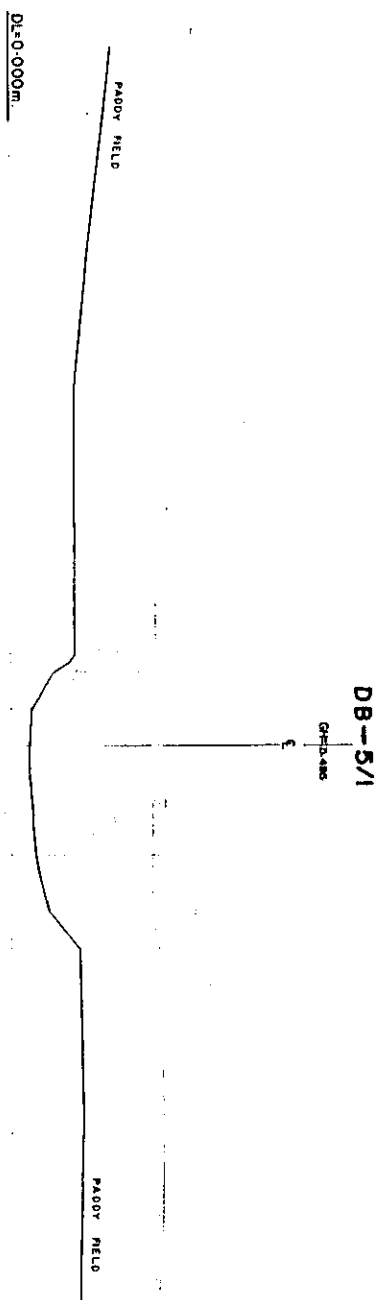


LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

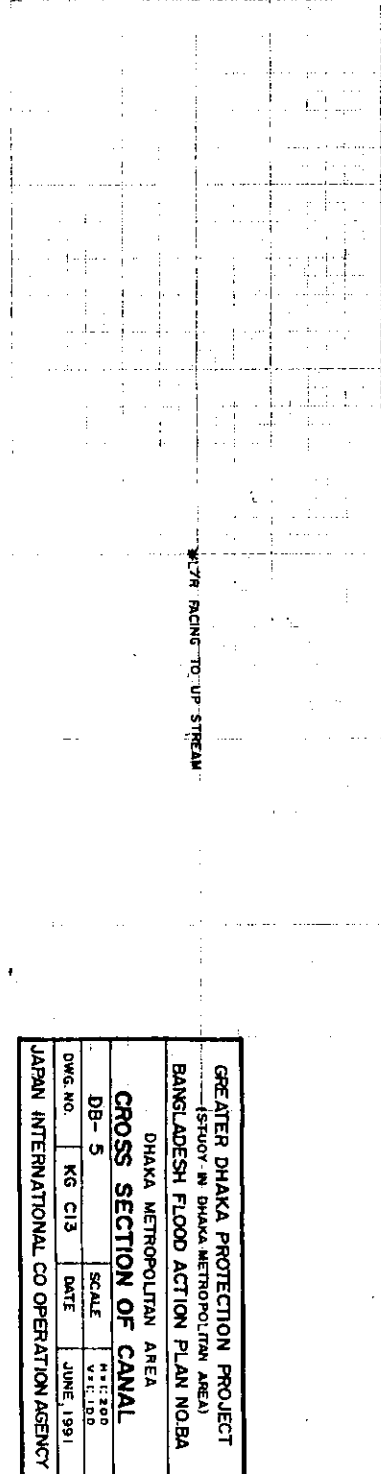
C/S-(13) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C10



C/S-(12) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C10

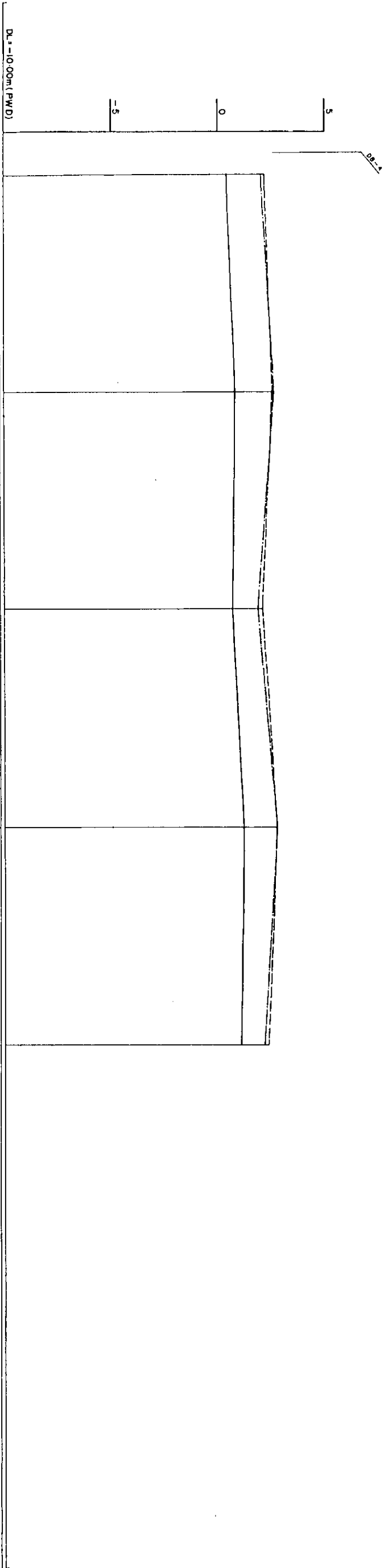


C/S-(11) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C10



WATER FACING TO UP-STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.BA			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-5	SCALE	VERT. 1:50	
DWG. NO.	KG C13	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



DB-6		DB-7		DB-8		DB-9	
TOP ELEVATION OF BANK		TOP ELEVATION OF BANK		TOP ELEVATION OF BANK		TOP ELEVATION OF BANK	
DESIGN WATER LEVEL		DESIGN WATER LEVEL		DESIGN WATER LEVEL		DESIGN WATER LEVEL	
BOTTOM ELEVATION		BOTTOM ELEVATION		BOTTOM ELEVATION		BOTTOM ELEVATION	
RIGHT BANK ELEVATION		RIGHT BANK ELEVATION		RIGHT BANK ELEVATION		RIGHT BANK ELEVATION	
LEFT BANK ELEVATION		LEFT BANK ELEVATION		LEFT BANK ELEVATION		LEFT BANK ELEVATION	
BOTTOM ELEVATION		BOTTOM ELEVATION		BOTTOM ELEVATION		BOTTOM ELEVATION	
DISTANCE (M)		DISTANCE (M)		DISTANCE (M)		DISTANCE (M)	
ACCUMULATED DISTANCE (M)		ACCUMULATED DISTANCE (M)		ACCUMULATED DISTANCE (M)		ACCUMULATED DISTANCE (M)	
STATION NO		STATION NO		STATION NO		STATION NO	
	11		1		121		2
							131

LEGEND

EXISTING LEFT GROUND LINE -----

EXISTING RIGHT GROUND LINE -----

EXISTING BOTTOM LINE -----

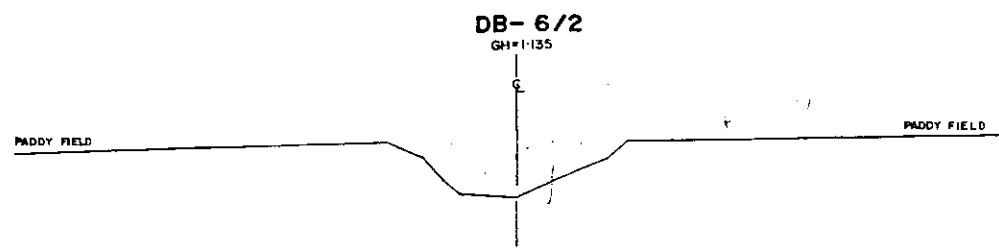
* L/R FACING TO UP STREAM

() SURVEYED IN MARCH, 1991

285

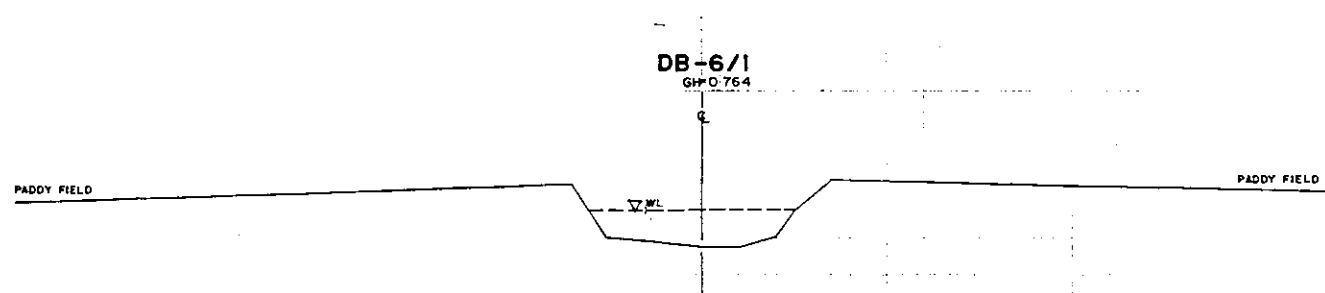
C/S-(3) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C11

DL=0.00m



C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C11

DL=0.00m



C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C11

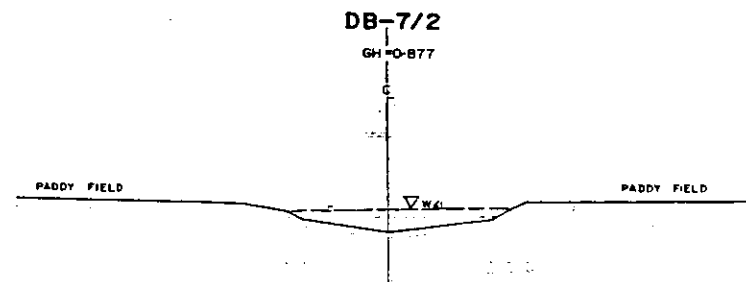
* L/R...FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT - (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-6	SCALE	H=1:200 V=1:100	
DWG. NO.	KG C14	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

[illegible]

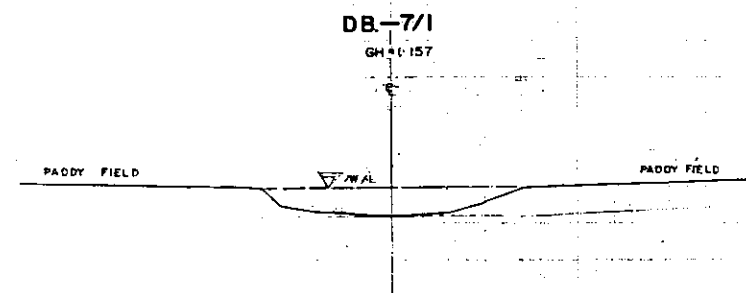
200

C/S-(3) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C12



DL 0-000 m

C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C12

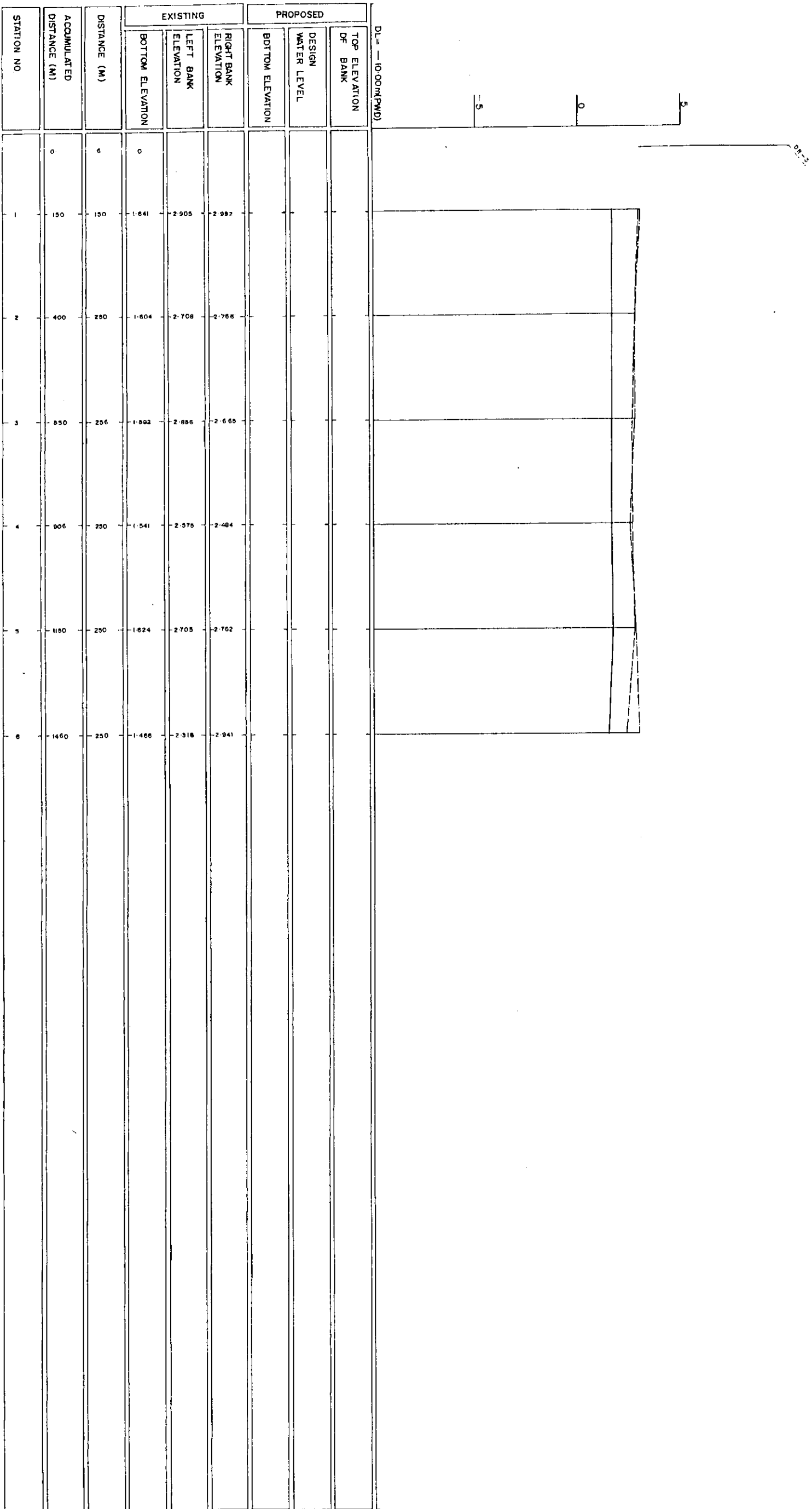


DL 0-000m

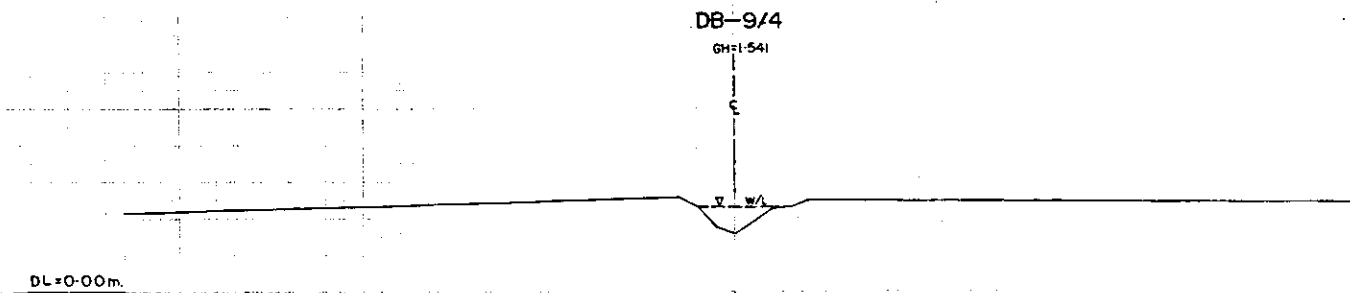
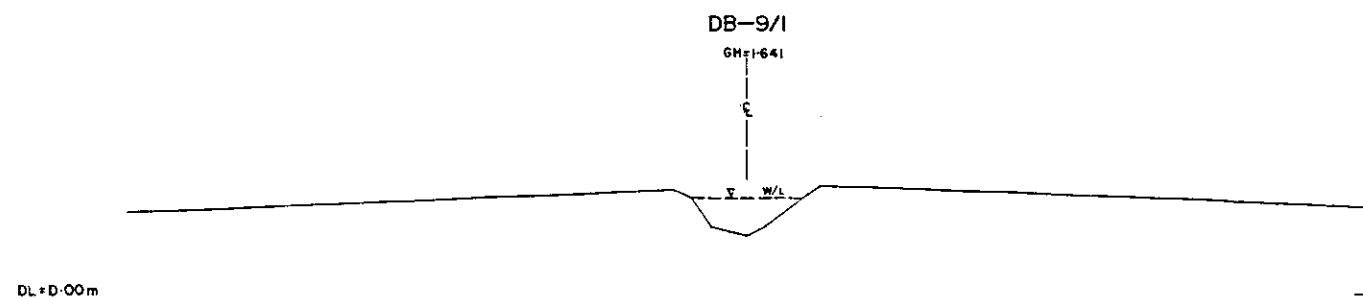
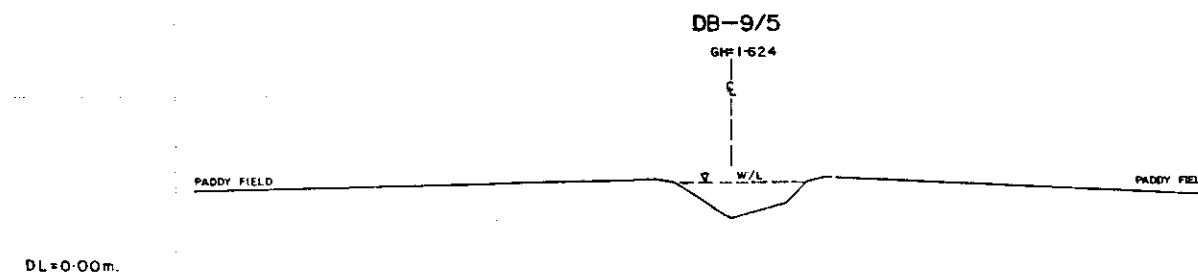
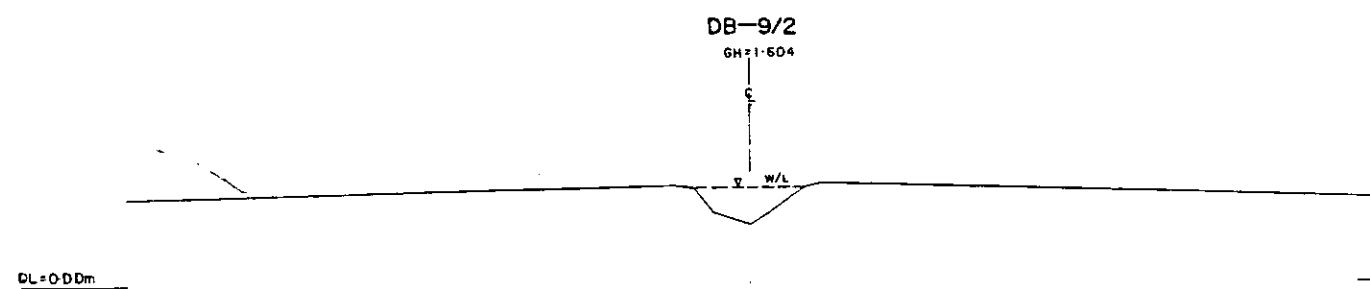
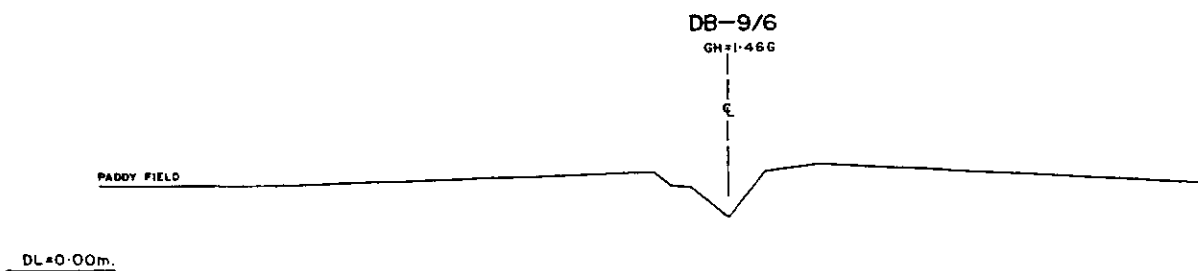
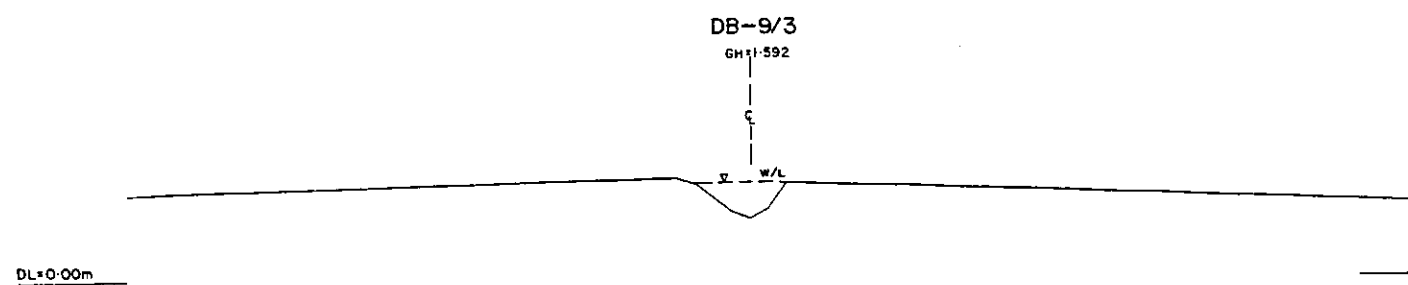
C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C12

← L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-7		SCALE	H=1:200 V=1:100
DWG. NO.	KG C15	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



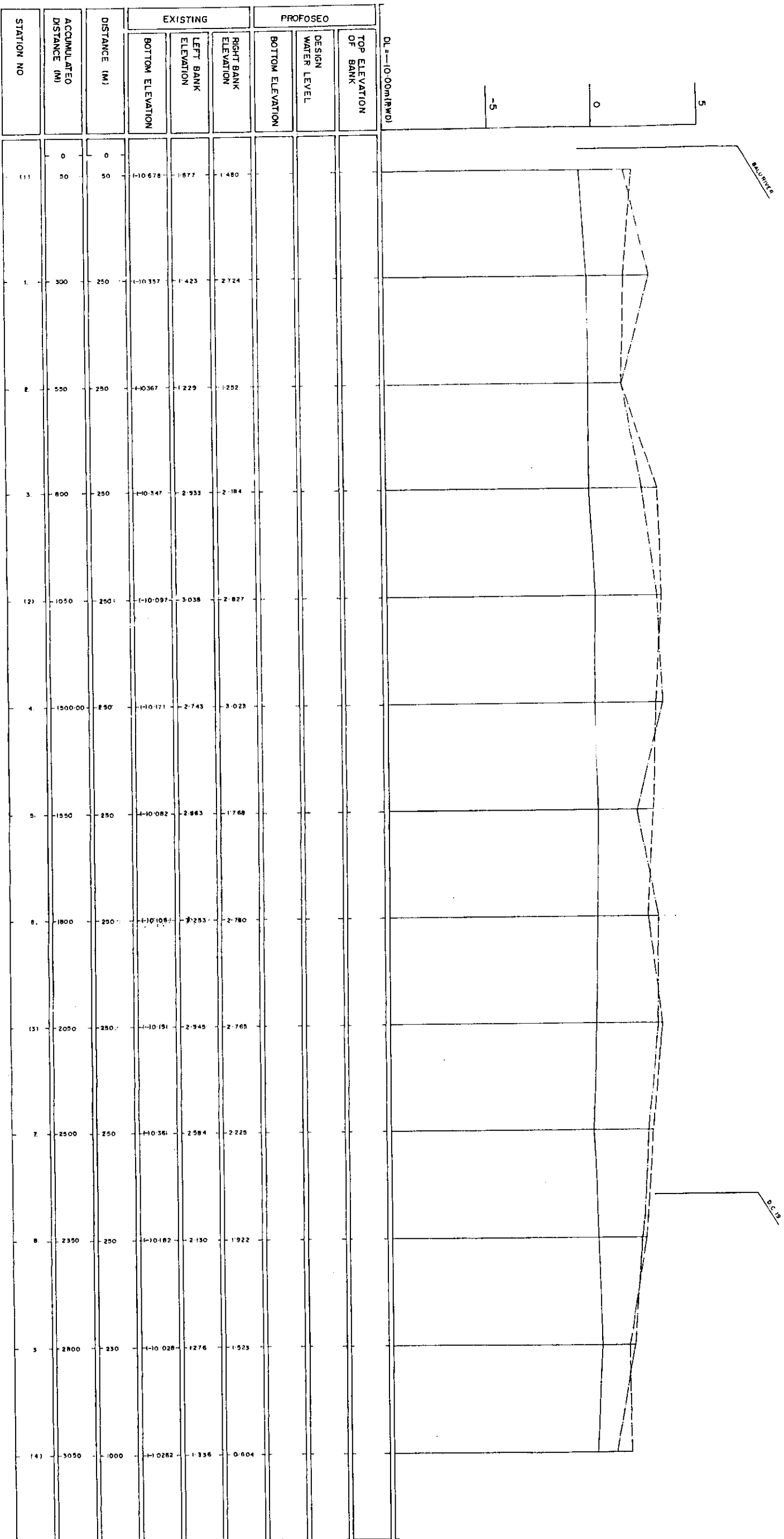
LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991



L/R FACING TO UP-STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DB-9		SCALE	M:200
DWG NO	KG C16	DATE	JUNE 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

247



LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

DHAKA METROPOLITAN AREA			
LONG SECTION OF CANAL			
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.9A			
DWG. NO.	KG L 13	SCALE	M 1:500 V 1:100
DATE	JUNE 1991		
JAPAN INTERNATIONAL CO OPERATION AGENCY			



STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			BOTTOM ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	BOTTOM ELEVATION	DESIGN WATER LEVEL	TOP ELEVATION OF BANK
10	3050	250	0.262	1.356	0.664			
11	3300	250	0.389	2.115	2.088			
12	3550	250	0.502	1.370	1.629			
13	3800	250	0.450	2.590	2.013			
14	4050	250	0.553	2.221	2.121			

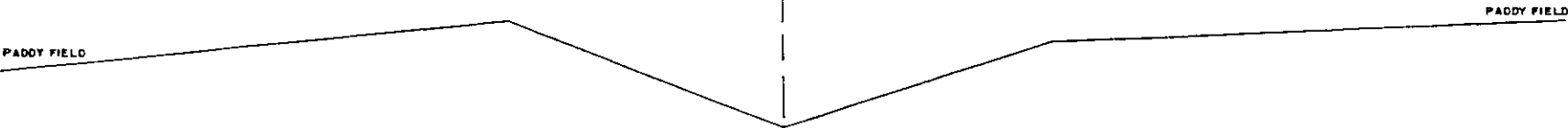
LEGEND
EXISTING LEFT GROUND LND - - - - -
EXISTING RIGHT GROUND LND - - - - -
EXISTING BOTTOM LND - - - - -
L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C14

DC-1/3

GH+(-)10.347

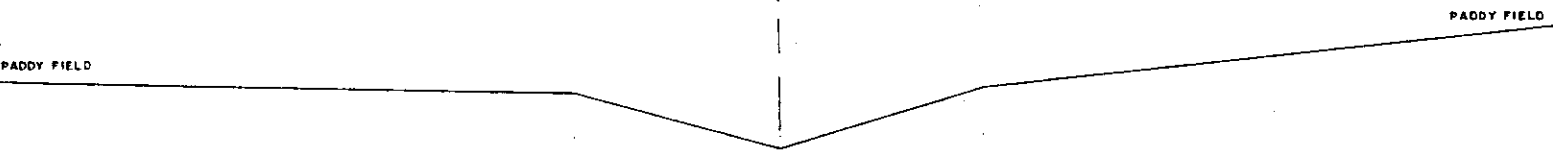
E



DC-1/2

GH+(-)10.367

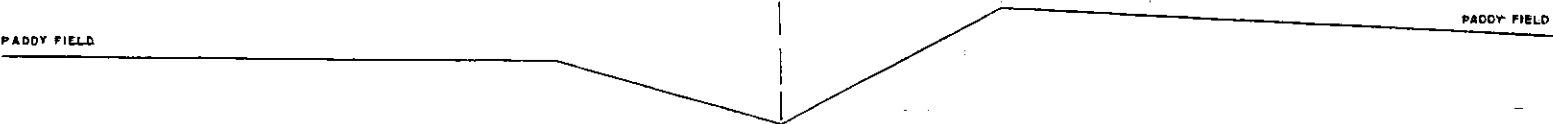
E



DC-1/1

GH+(-)10.357

E



* L/R FACING TO UP STREAM

C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C14

GREATER DHAKA PROTECTION PROJECT			
[STUDY IN DHAKA METROPOLITAN AREA]			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-1	SCALE	H=1:200 V=1:100	
DWG NO.	KG C17	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

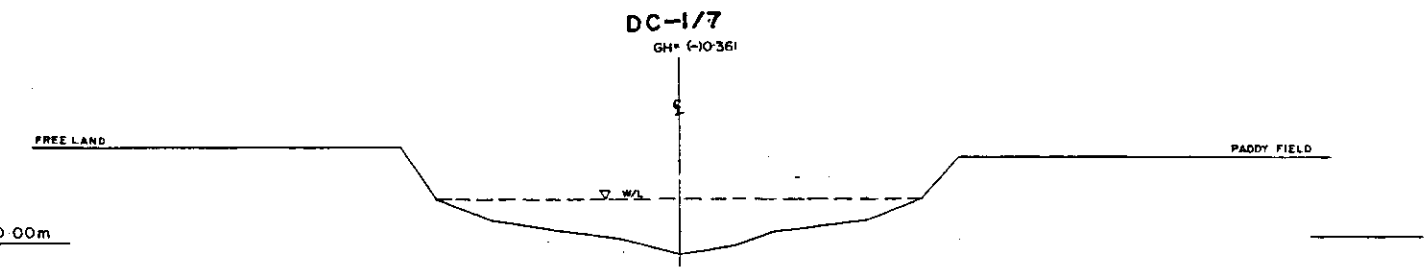
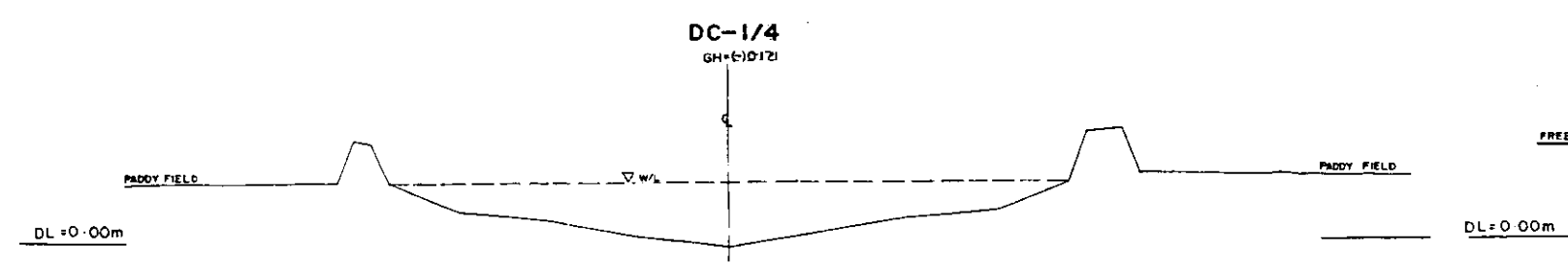
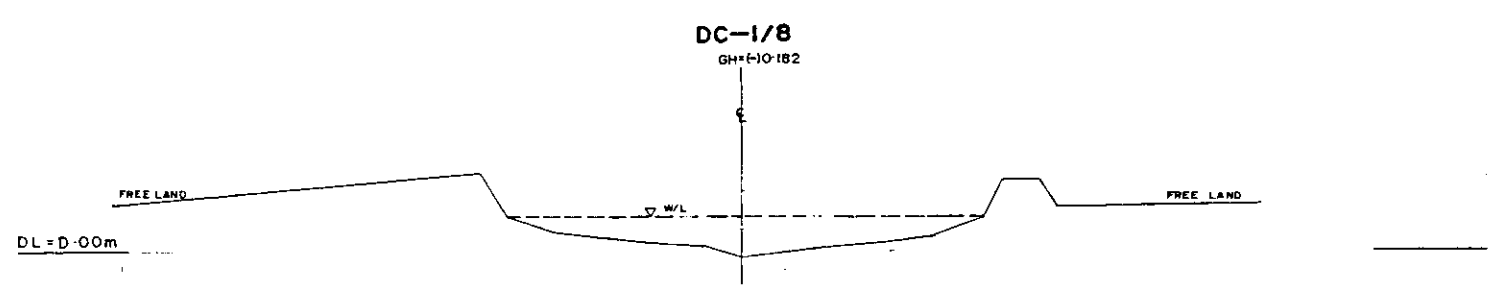
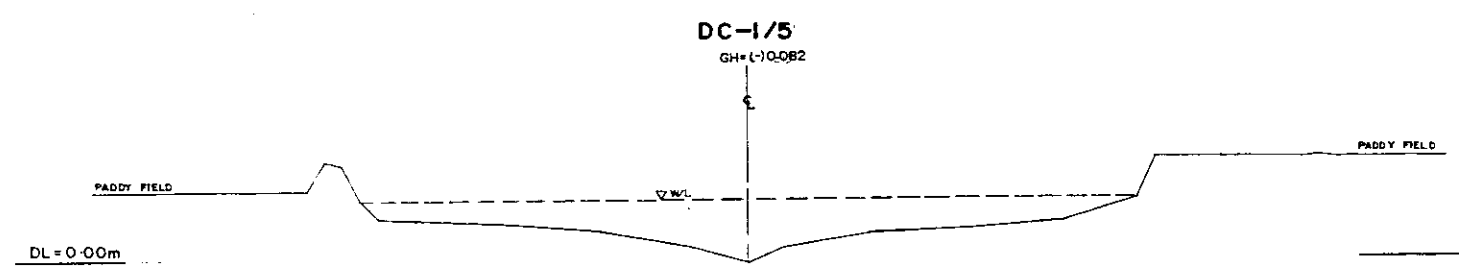
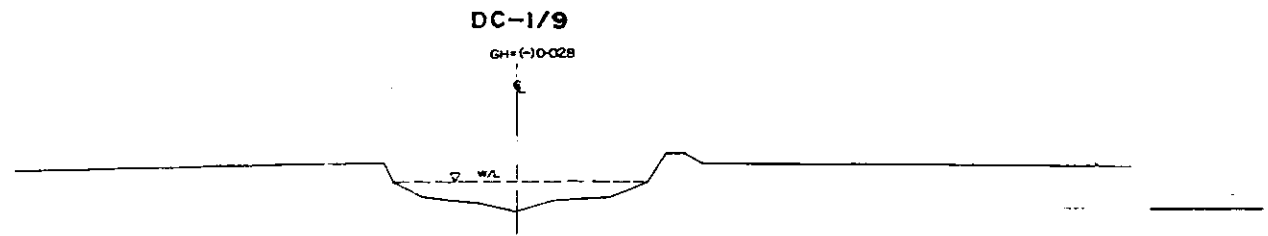
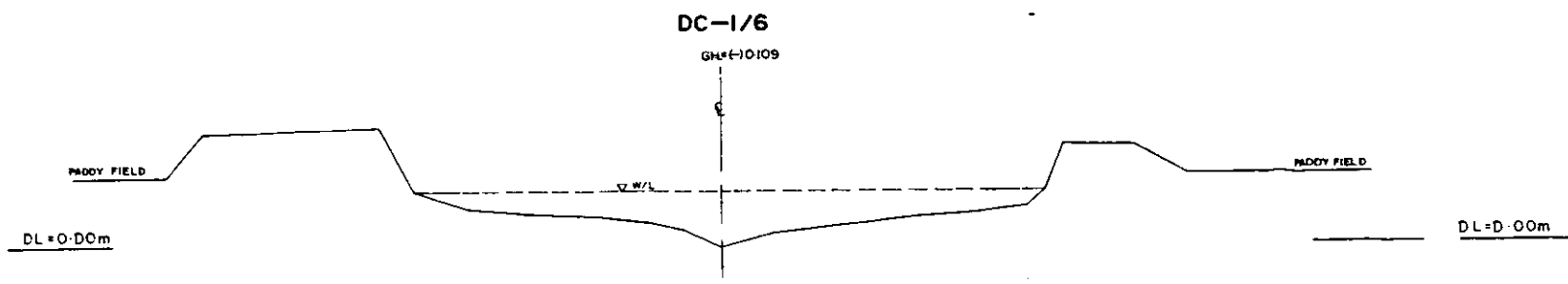
DL=0.00m.

DL=0.00m.

DL=0.00m.

C/S-(3) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C14

C/S-(4) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C15



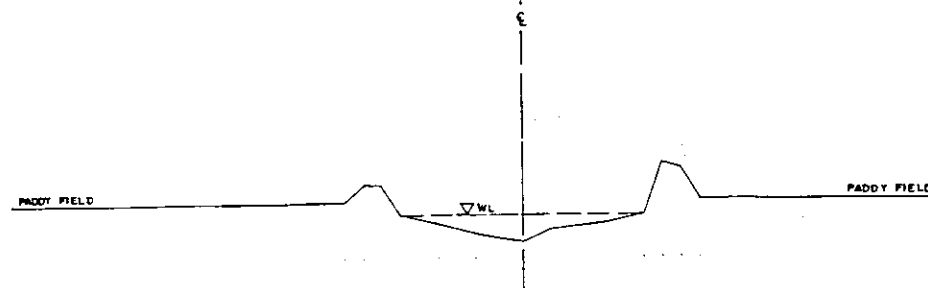
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
D.C - I	SCALE	N=1:200 V=1:100	
DWG. NO.	KG C18	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

2009

DC-1/12

GH=0.430

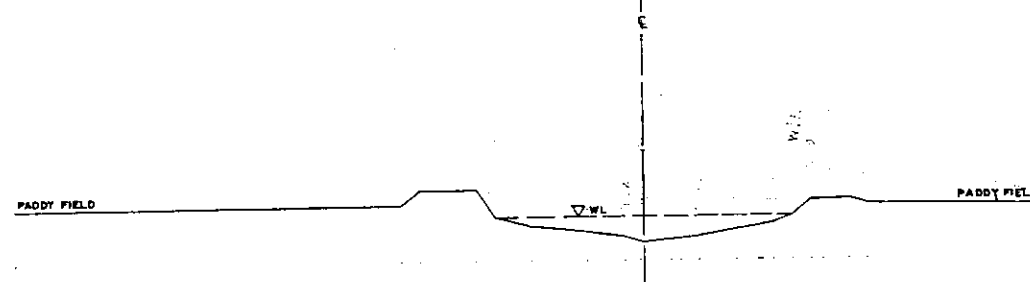


C/S-(5) SURVEYED IN MARCH, 1991
REF. ORG NO-KG C15

DL=0.00m

DC-1/11

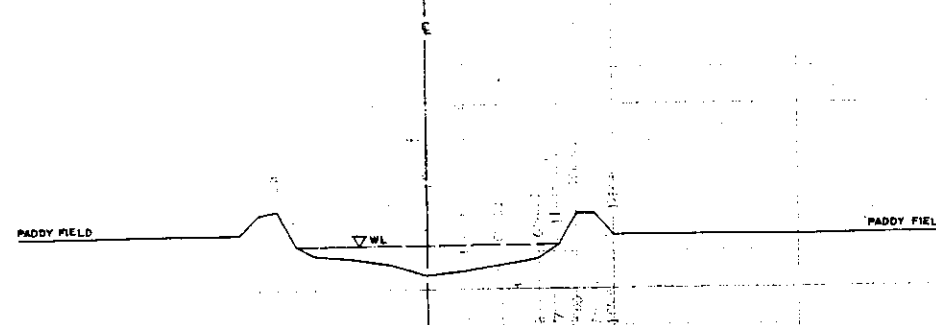
GH=0.502



DL=0.00m

DC-1/10

GH=0.389

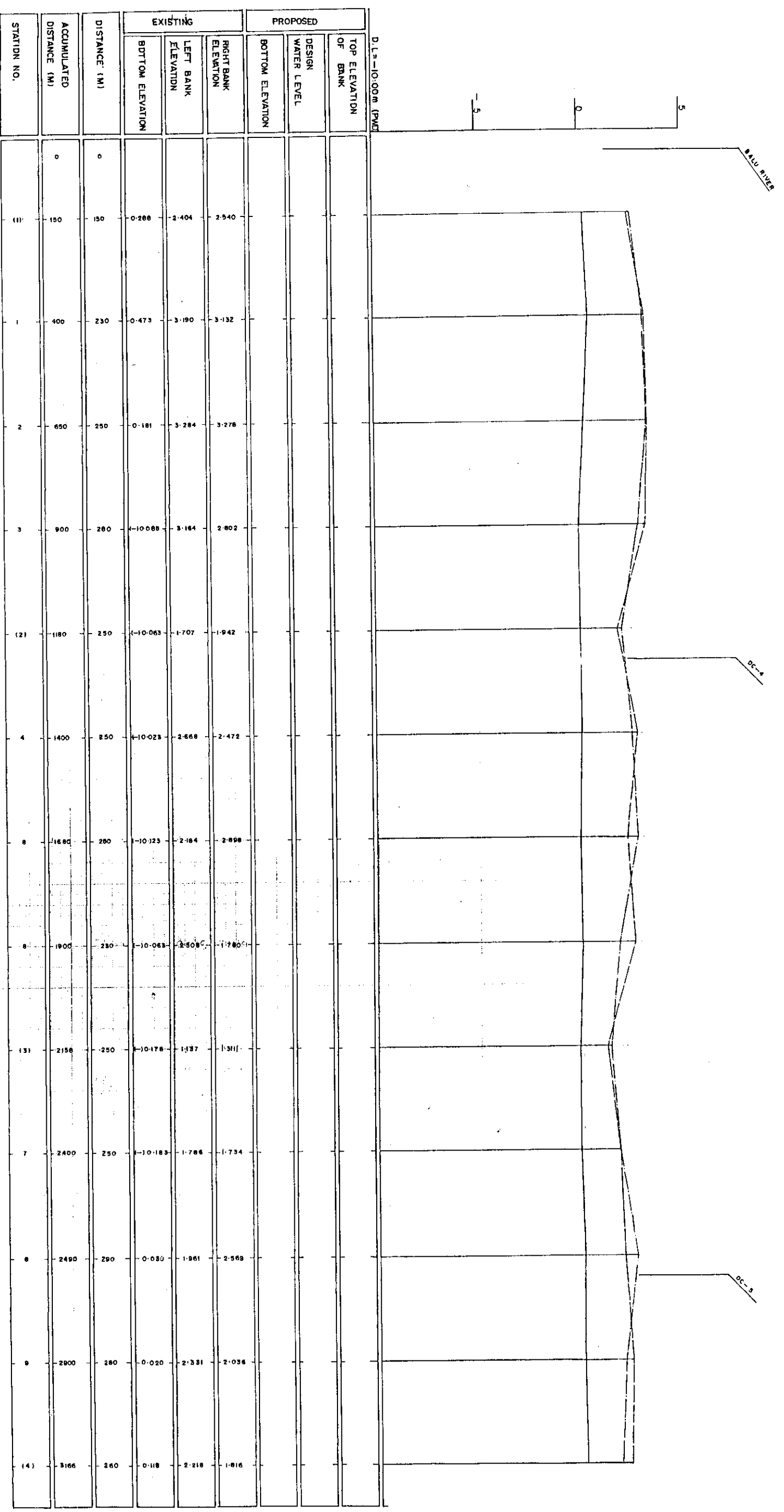


DL=0.00m

L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-1		SCALE	H=1:300 V=1:100
DWG. NO.	KG C19	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

2006



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

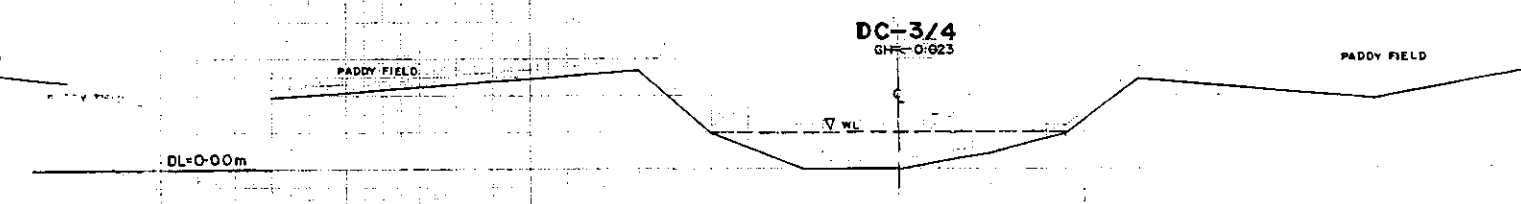
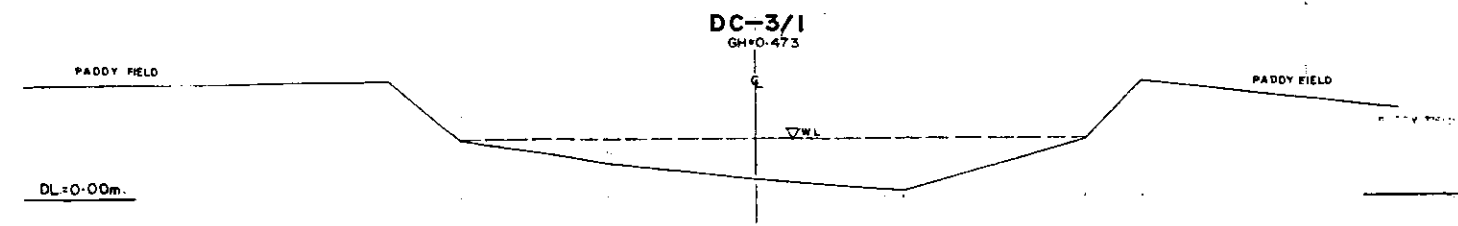
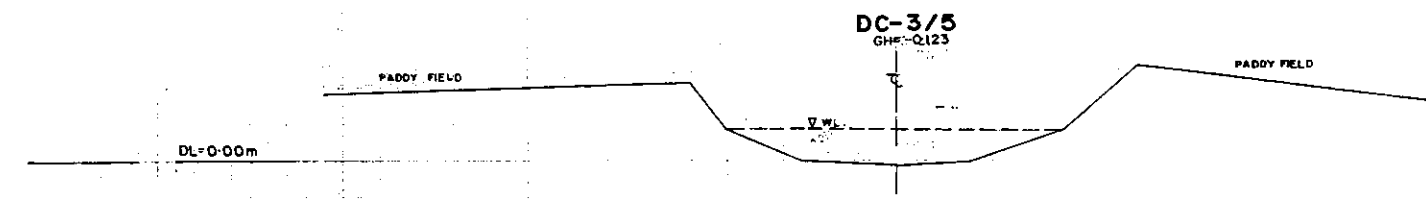
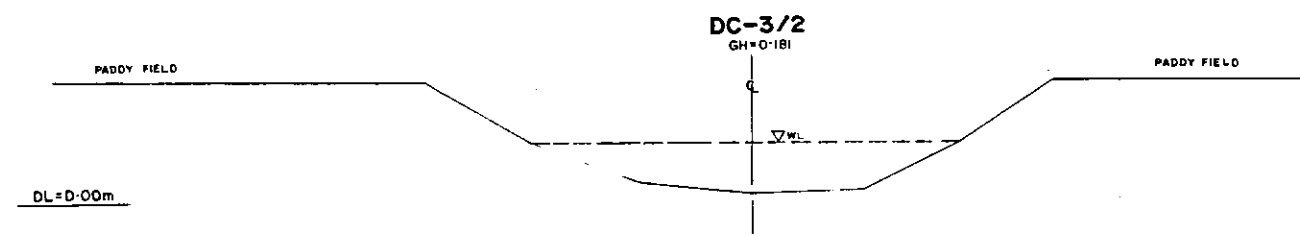
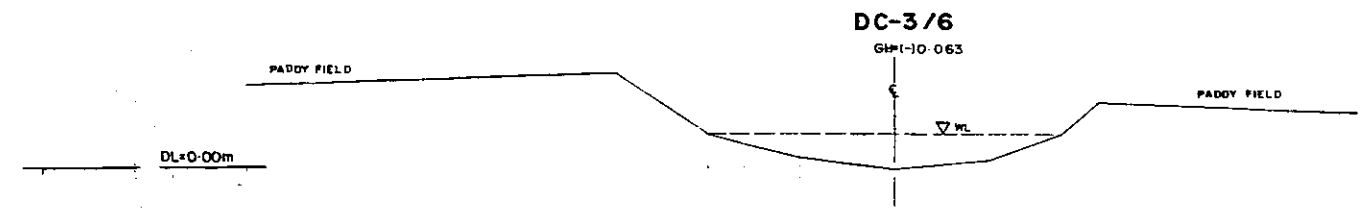
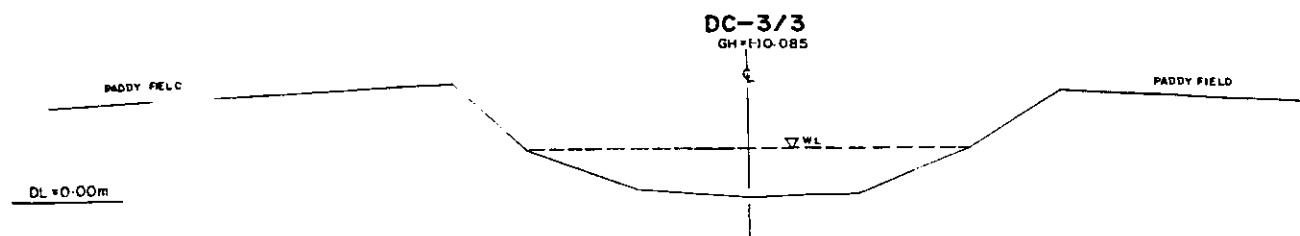
		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
[] SURVEYED IN MARCH, 1991

230

C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C18

C/S-(3) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C18



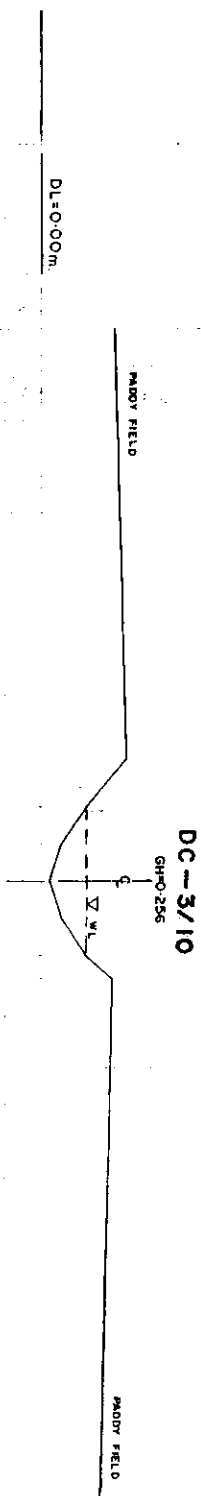
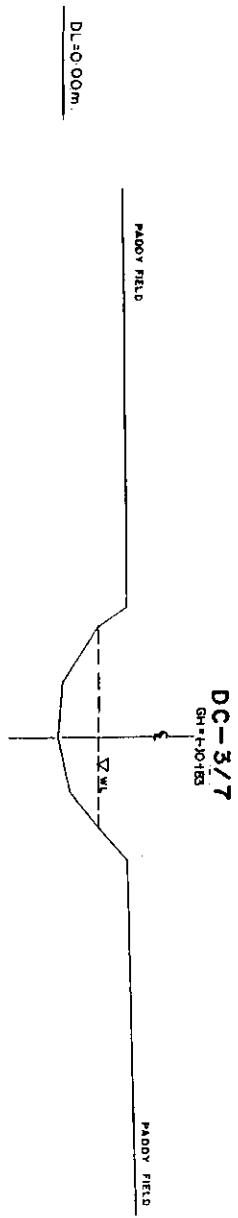
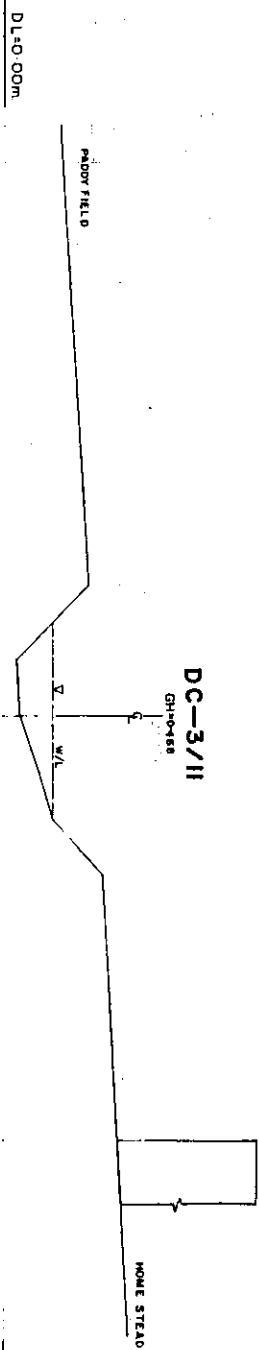
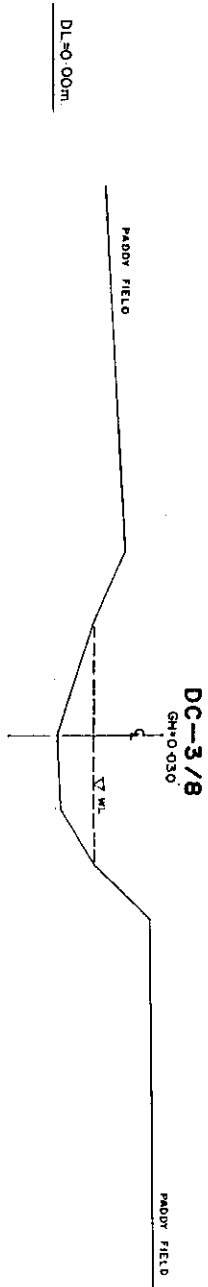
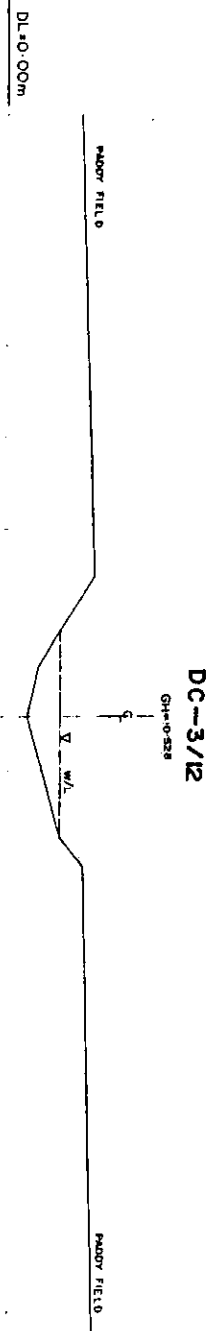
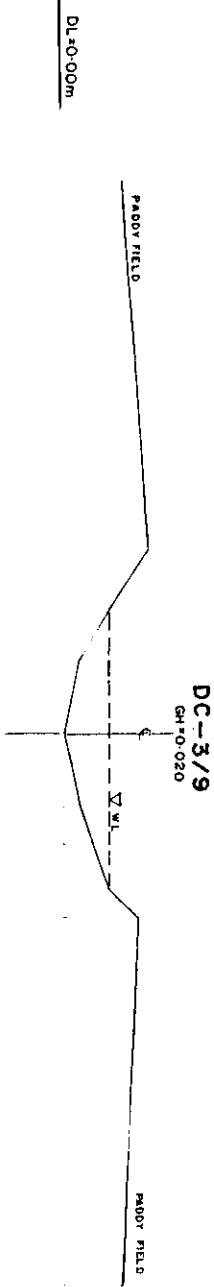
C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C18

* L/R: FACING TO UP-STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA-METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-3	SCALE	H=1:200	V=1:100
DWG. NO.	KG C20	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S-(4) SURVEYED IN MARCH,1991
REF. DRG. NO-KG C19

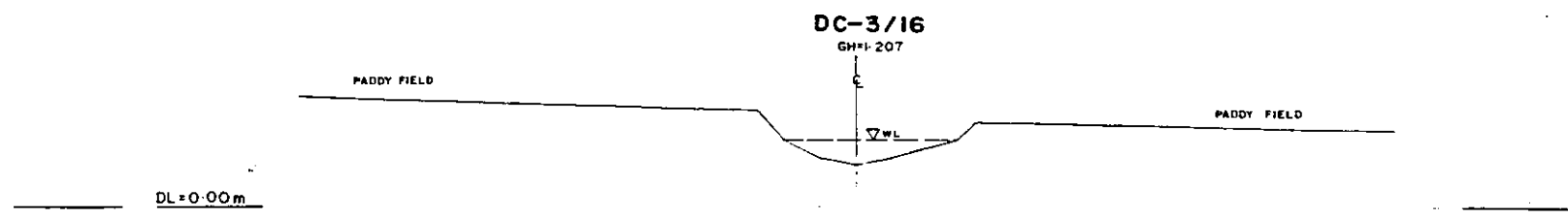
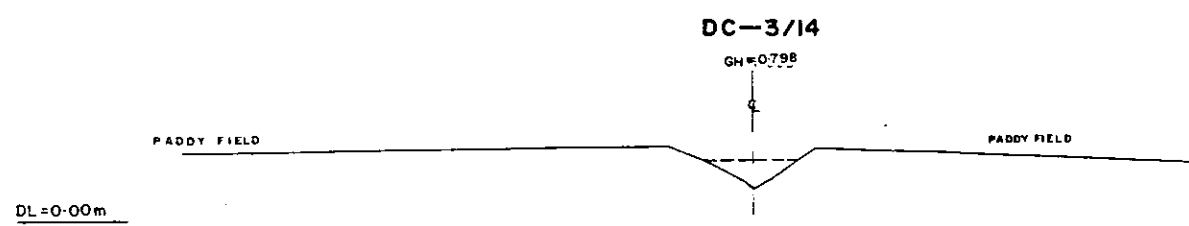
C/S-(5) SURVEYED IN MARCH,1991
REF. DRG. NO-KG C19



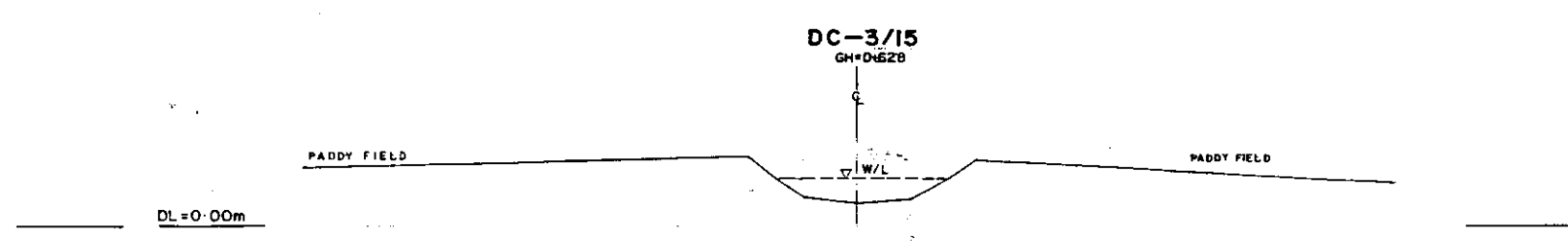
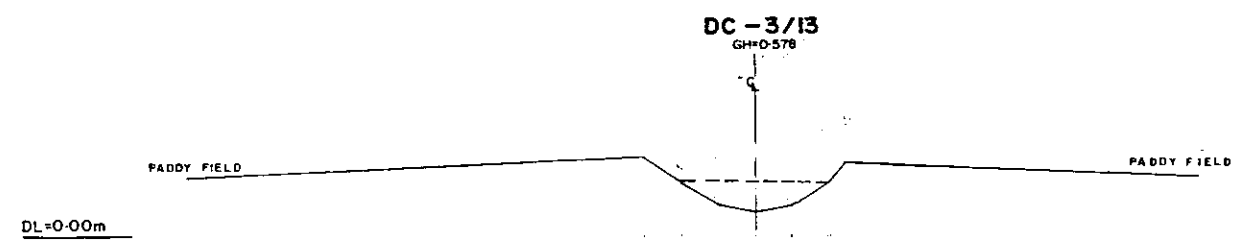
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-3	SCALE	1:1000	DATE
DWG. NO.	KG C21	DATE	10ME, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S-16) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C20

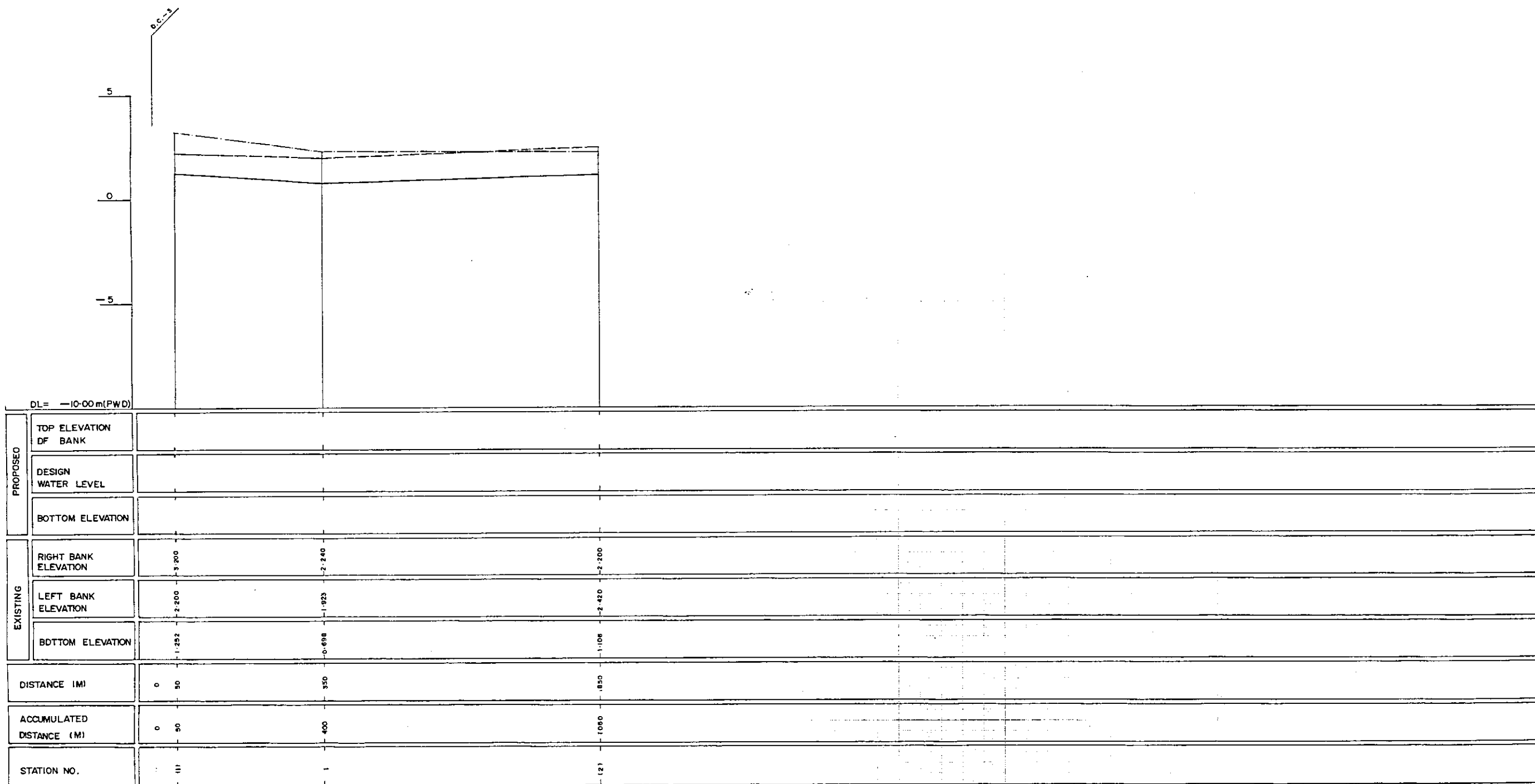


C/S-17) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C20



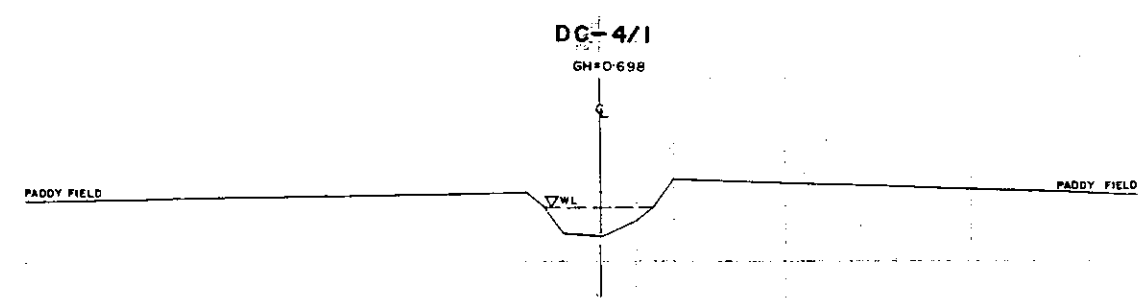
* L/R. FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-3		SCALE	H=1:200 V=1:100
DWG. NO.	KG C22	DATE	JUNE 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG-NO-KG. C 21

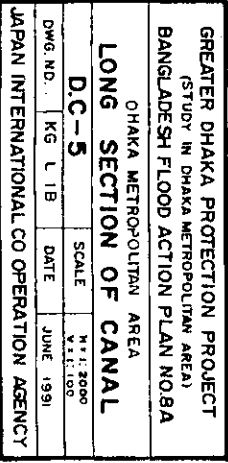


DL=0.00m

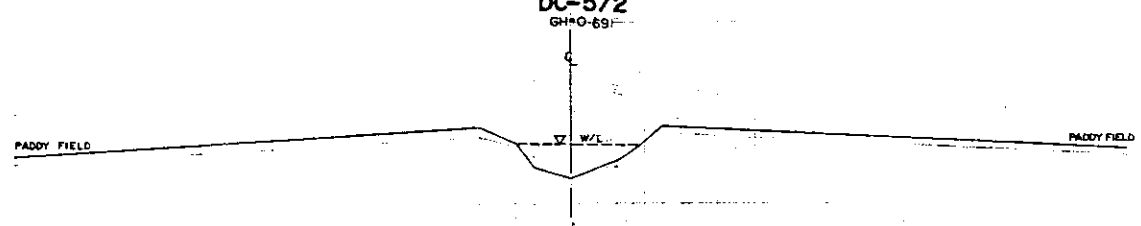
C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG-NO-KG. C 21

* L/R FACING TO UP STREAM

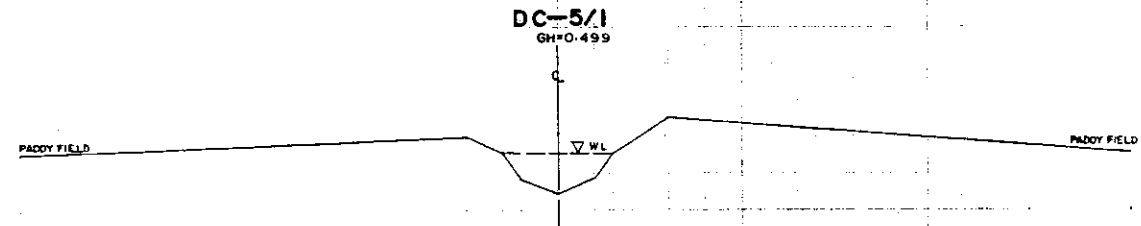
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC - 4		SCALE	H=1:200 V=1:100
DWG. NO.	KG C 23	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



DC-5/2
GH=0.69



DC-5/1
GH=0.499



C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C22

C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C22

* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
CROSS SECTION OF CANAL		
D.C-5		SCALE
DWG. NO.	KG C24	DATE
JAPAN INTERNATIONAL CO OPERATION AGENCY		JUNE, 1991

D=0.000

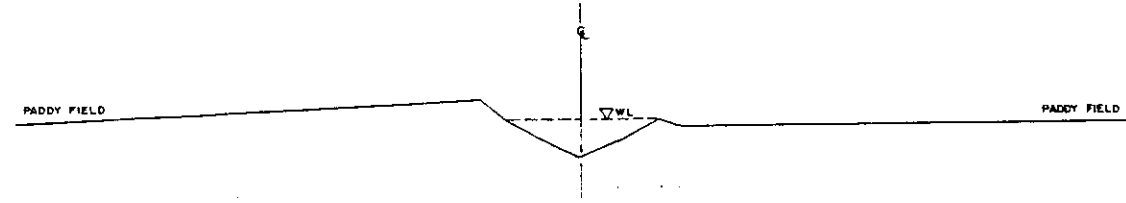
D=0.000

D.L. = 10.00m (PWD)					5	
					0	
					- 5	
STATION NO.	PROPOSED					
	TOP ELEVATION OF BANK	DESIGN WATER LEVEL	BOTTOM ELEVATION			
	RIGHT BANK ELEVATION					
	LEFT BANK ELEVATION					
EXISTING						
	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	BOTTOM ELEVATION			
	2.510	1.750	0.656			
	1.656	1.071	0.826			
	2.994	3.598	0.801		121	2
	1.702	2.378	0.838			
	6.00					
	1590					
DISTANCE (M)					50	500
ACCUMULATED DISTANCE (M)					0.000	550
					50	11

LEGEND
EXISTING LEFT GROUND LINE -----
EXISTING RIGHT GROUND LINE -----
EXISTING BOTTOM LINE -----
L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

248

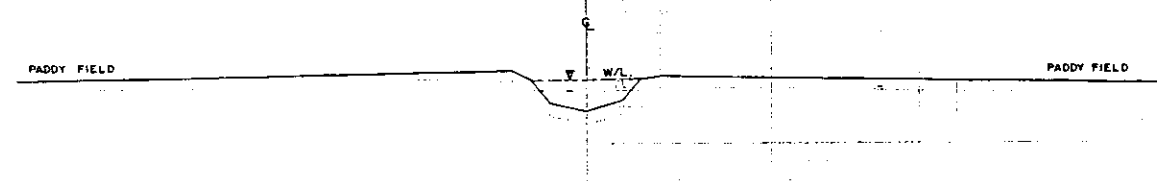
DC-6/2
GH=D-839



DL=D-00m.

C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C23

DC-6/1
GH=D-826



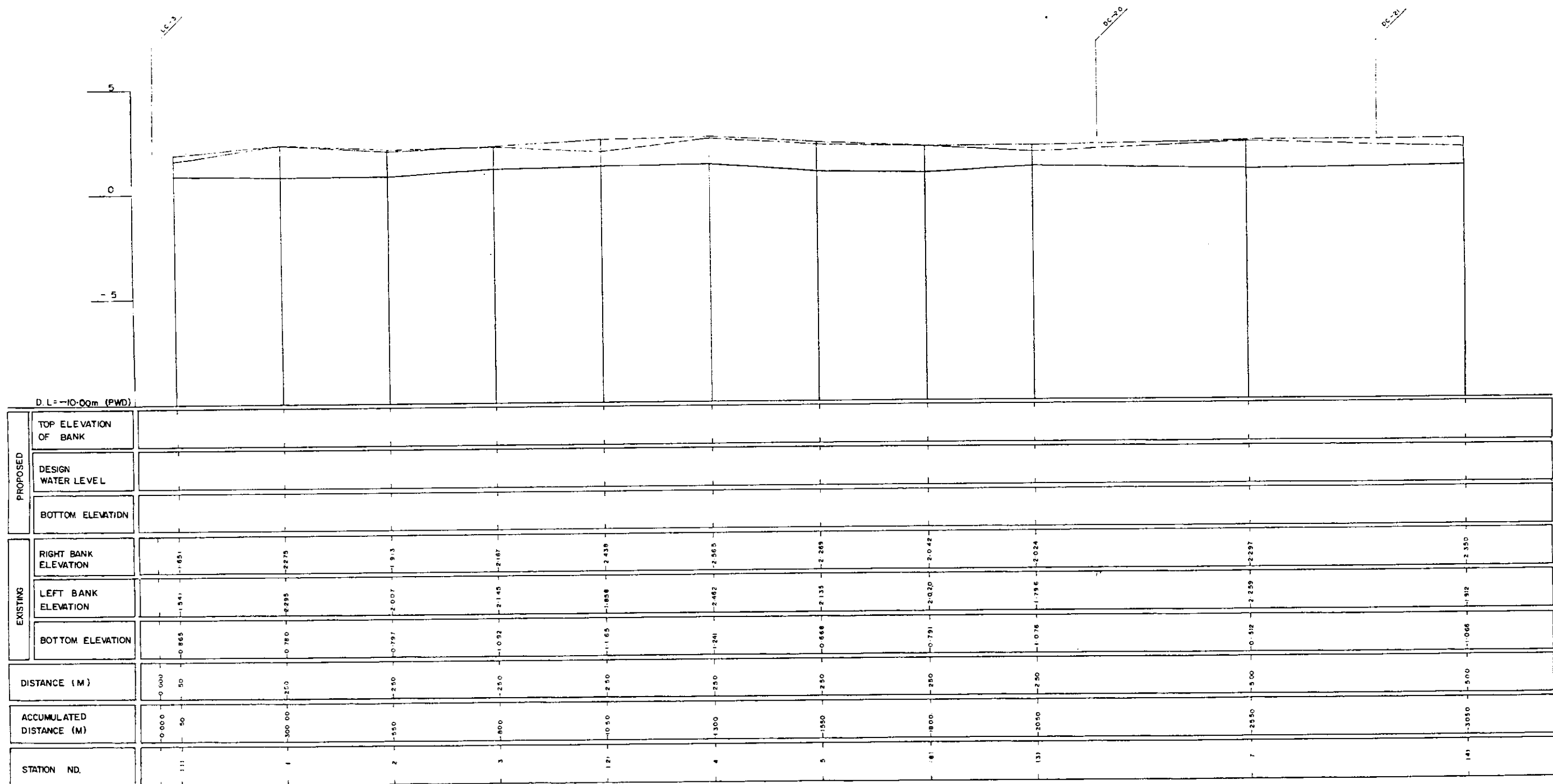
DL=D-00m.

C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C23

L/R FACING TO UP STREAM

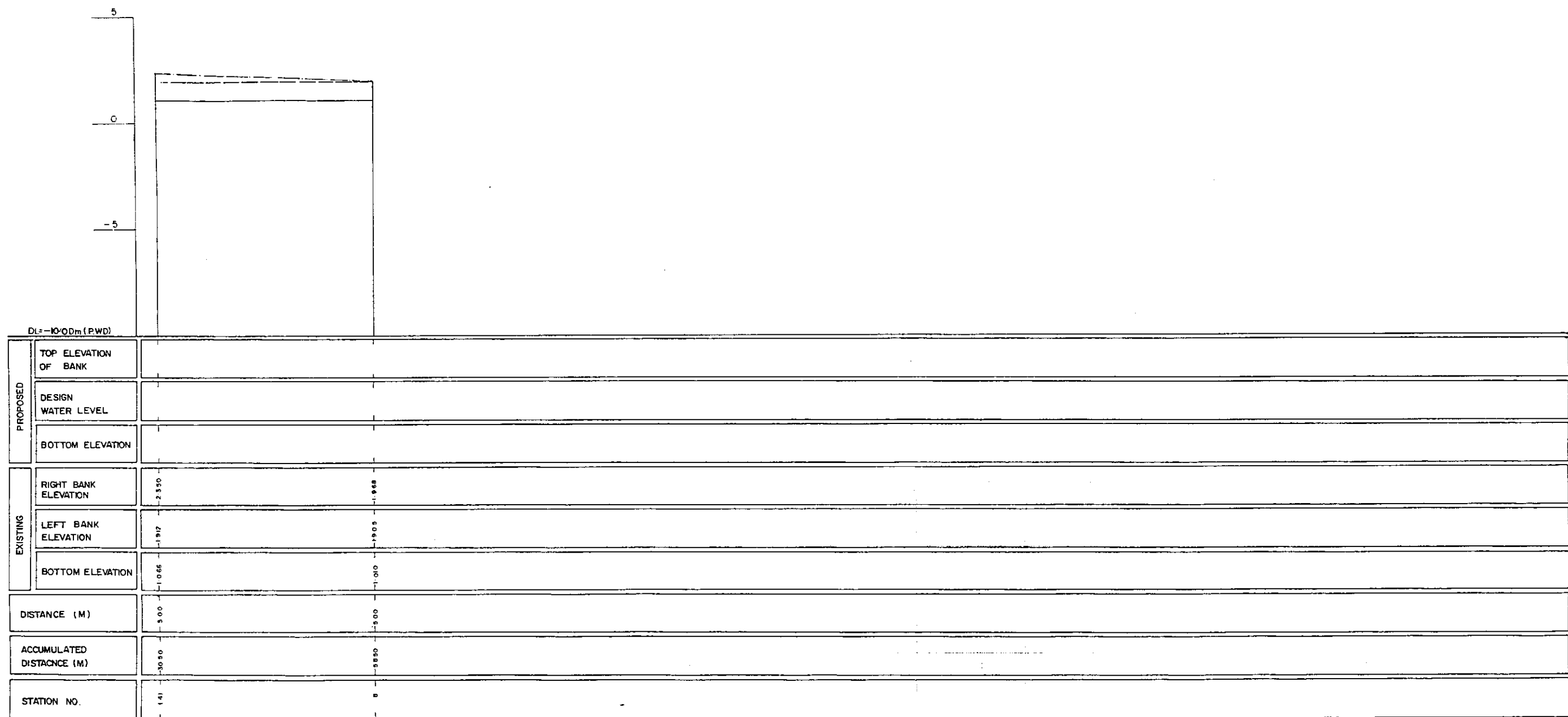
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-6		SCALE	H=1:200 V=1:100
DWG. NO.	KG C23	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

272



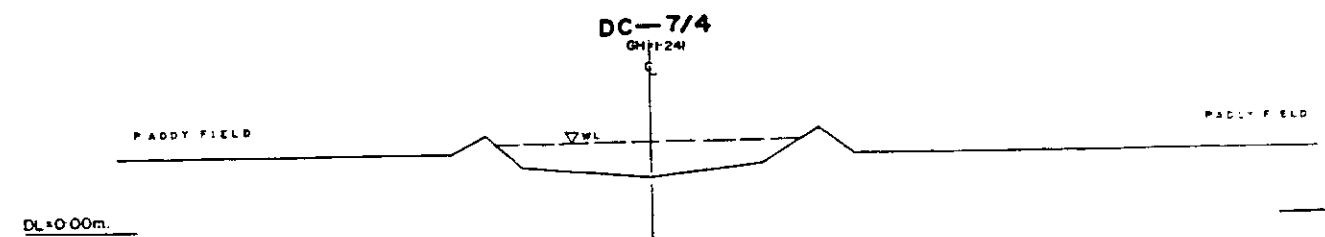
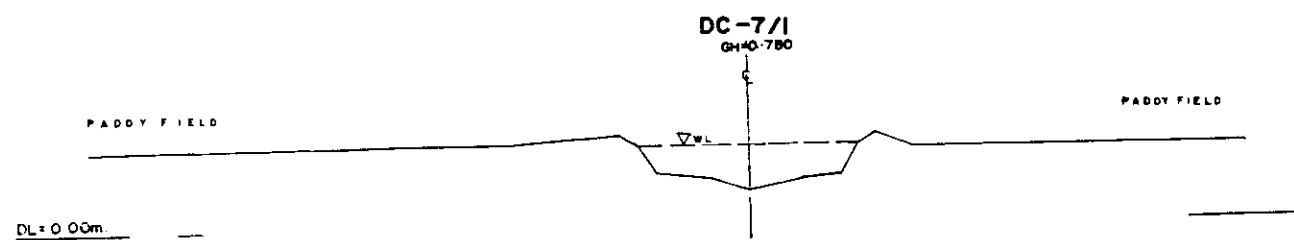
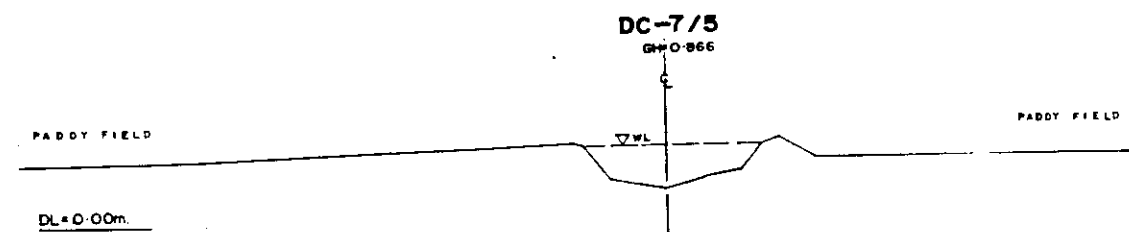
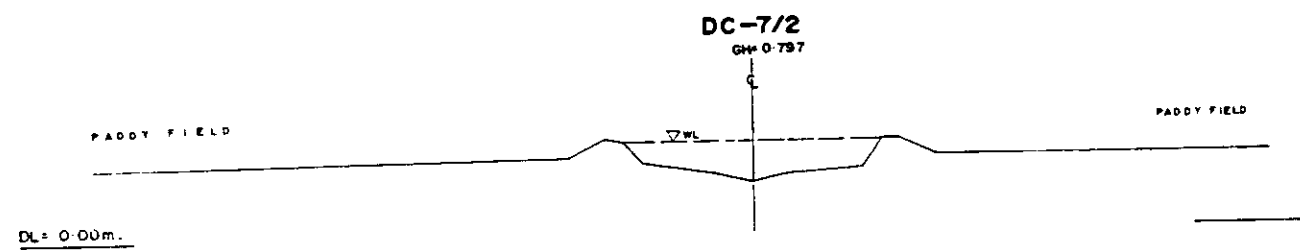
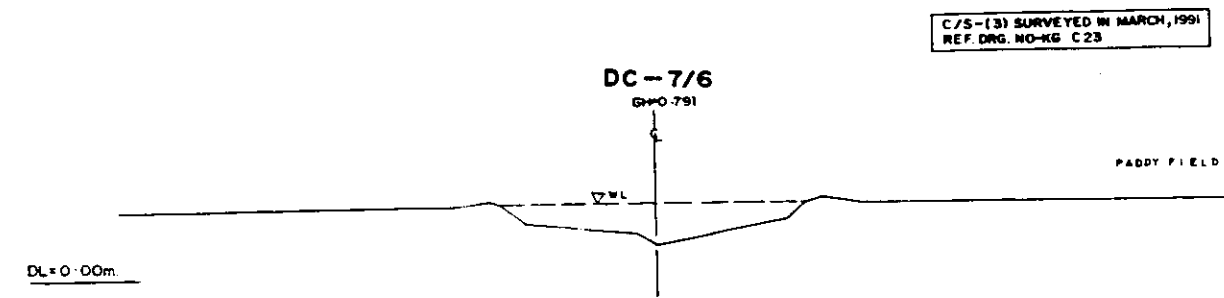
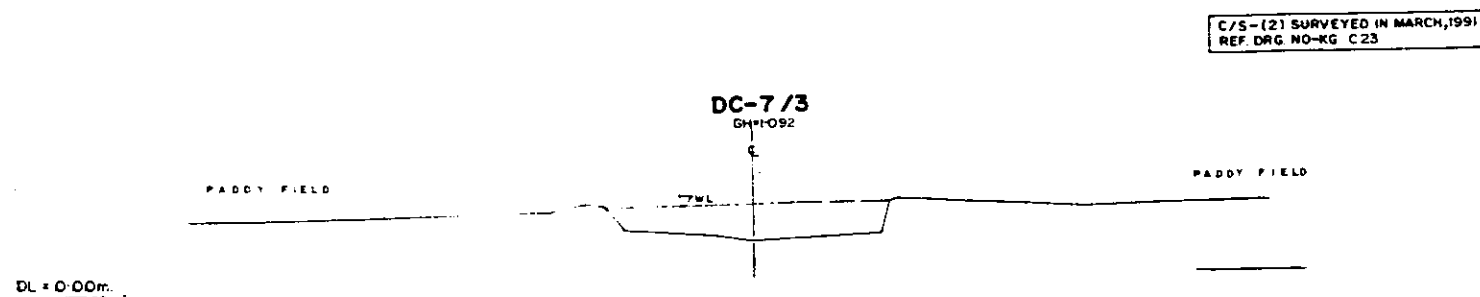
LEGEND
EXISTING LEFT GROUND LINE ———
EXISTING RIGHT GROUND LINE ———
EXISTING BOTTOM LINE ———
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA LONG SECTION OF CANAL			
DC-7	SCALE	H: 1:5000 V: 1:100	
DWG. NO.	KG L 20	DATE	JUNE-1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA LONG SECTION OF CANAL			
DC-7		SCALE	1:5000 V.S. 1:100
DWG. NO.	KG L.2.1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

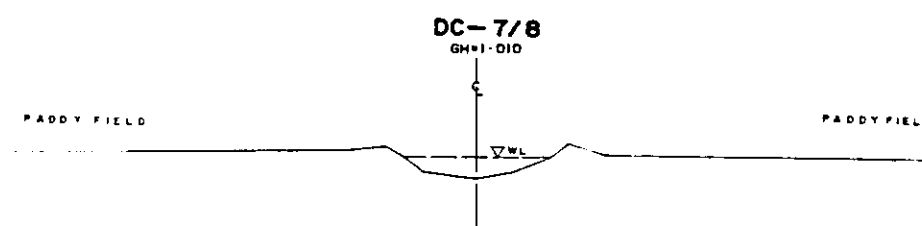


C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C23

• L/R FACING TO UP STREAM

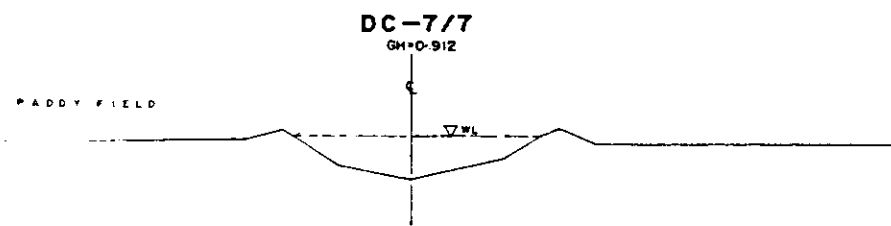
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
DC-7	SCALE	H=1:200	V=1:100
OWG. NO.	KG C26	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

DL=0.00m



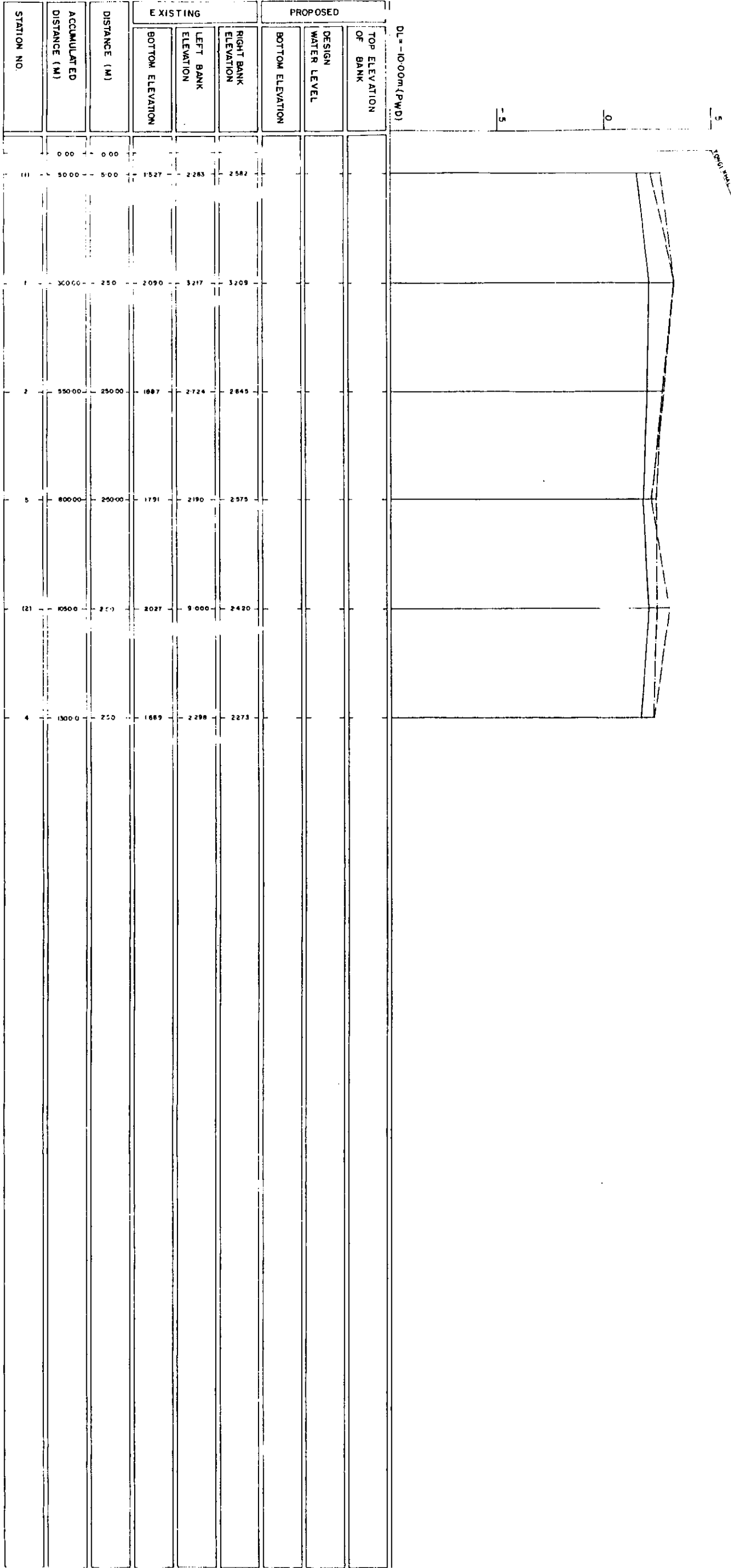
C/S-141 SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C23

DL=0.00m

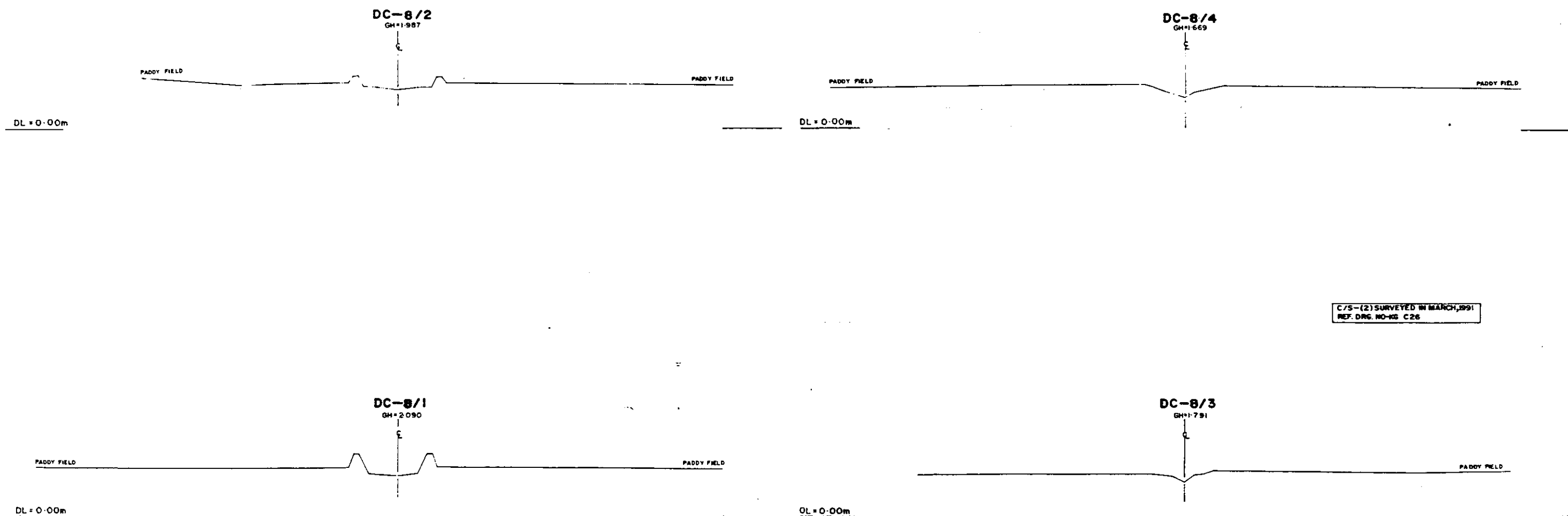


* L/R FACING TO * STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-7	SCALE	H:V	200:100
DWG. NO.	KG C27	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

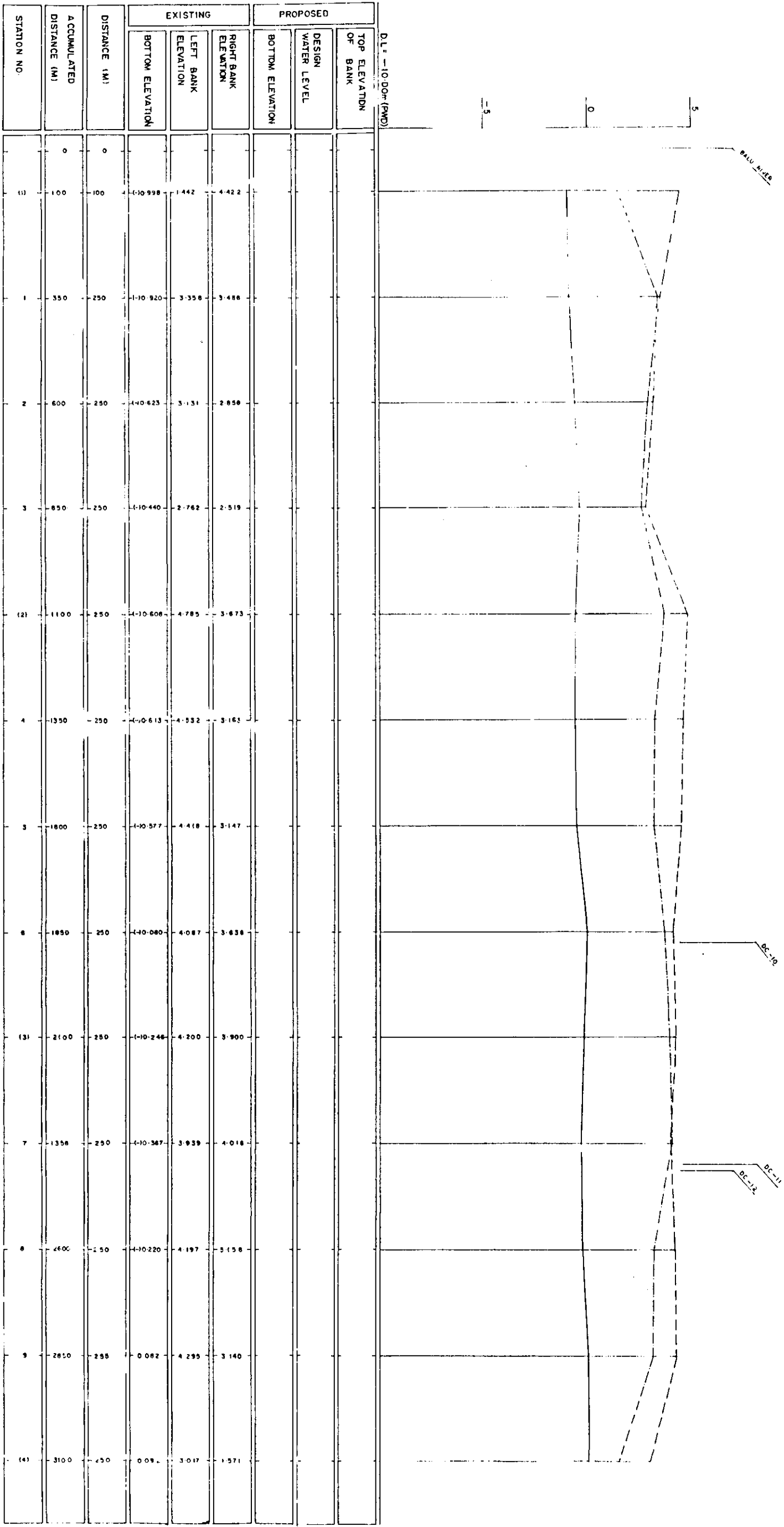


C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C26

C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KG C26

* L/R. FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
CROSS SECTION OF CANAL		
DC-8	SCALE	H=1:100 V=1:100
DWG. NO. KG C26	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY		



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
L/R FACING TO UP STREAM
(1) SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
STUDY IN DHAKA METROPOLITAN AREA I
BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

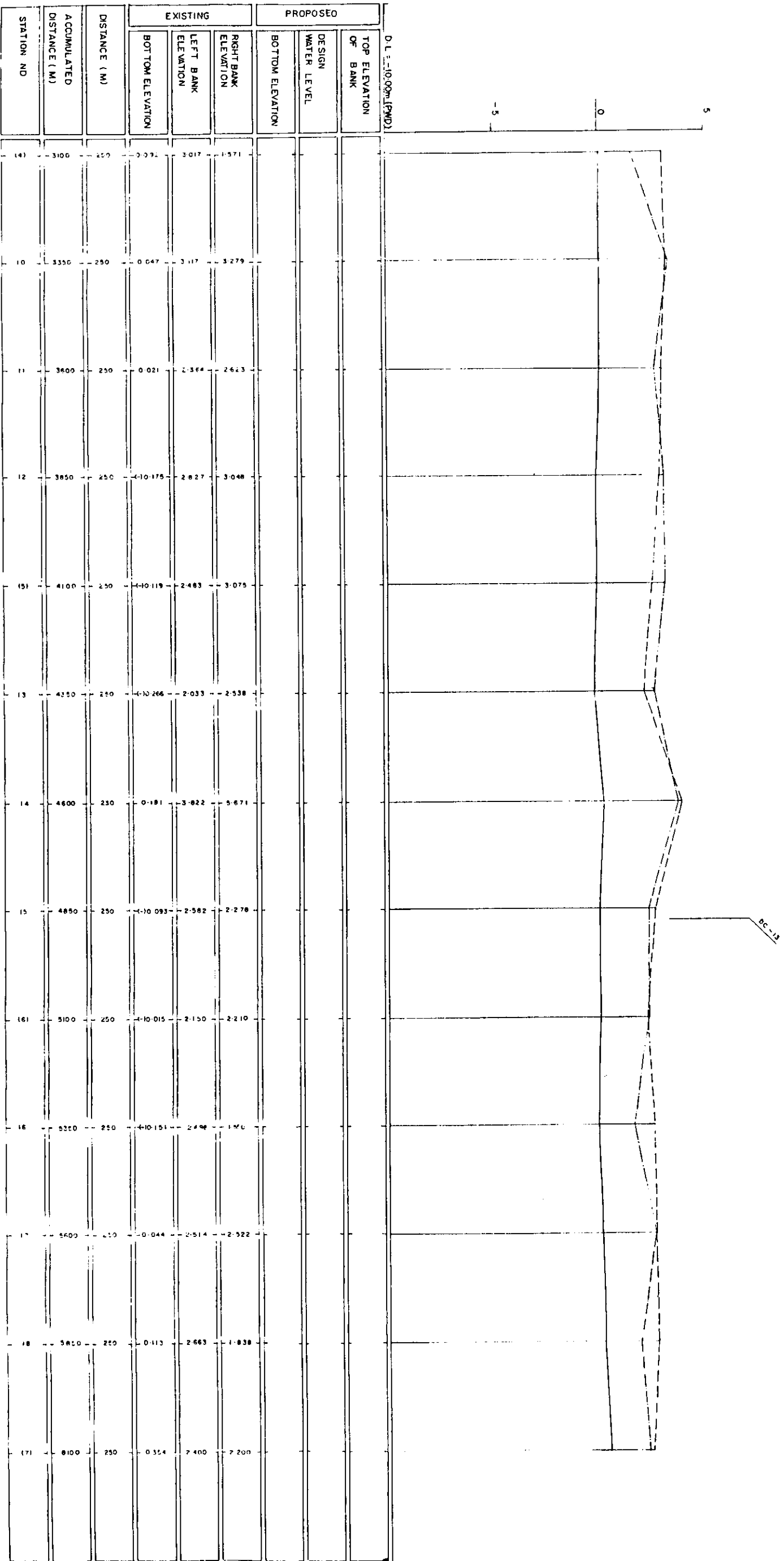
DC-9

SCALE 1 V : 1 H
1:1000

DATE JUNE, 1991

OWG NO. KG 123

JAPAN INTERNATIONAL CO OPERATION AGENCY



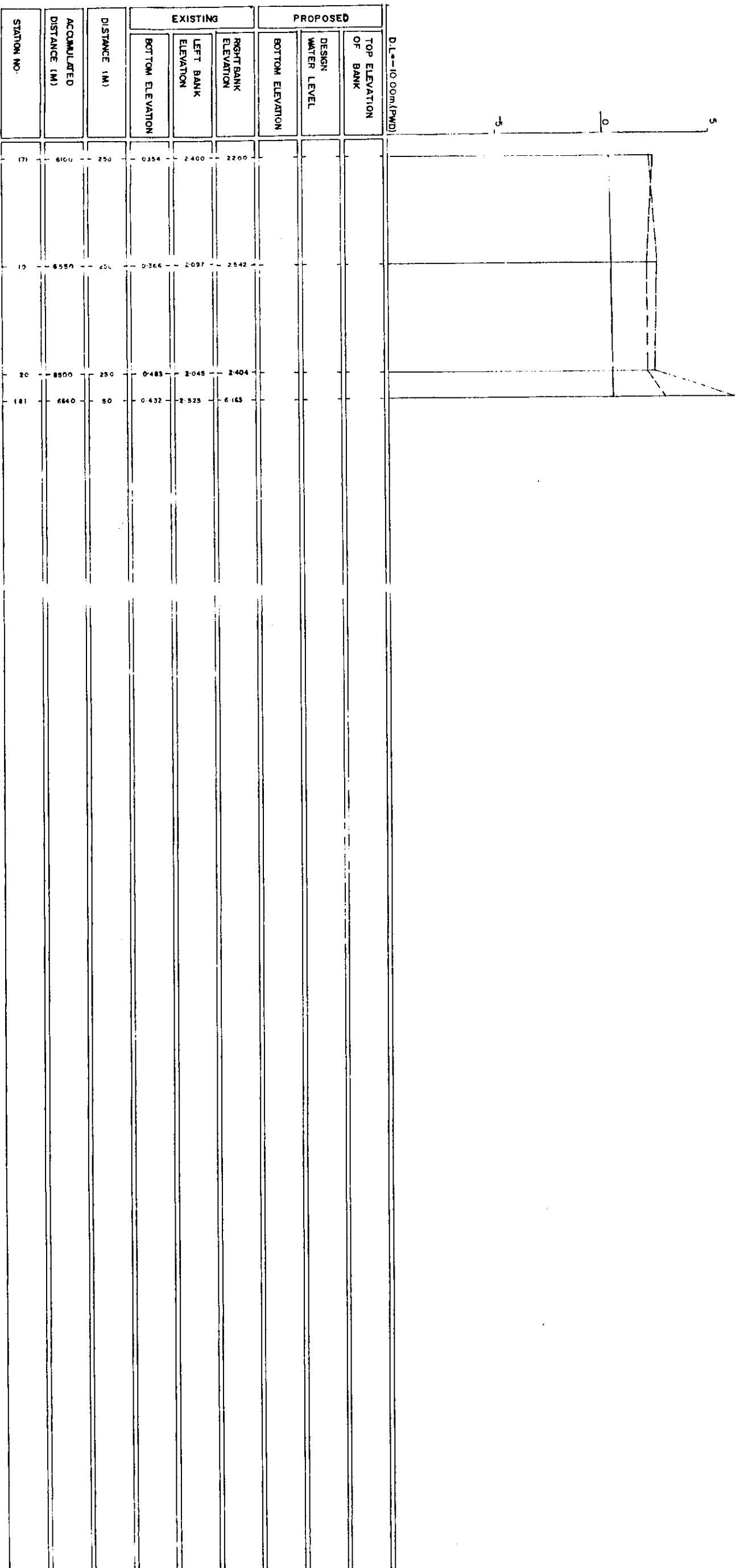
LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

DC-9
SCALE 1:1000
DATE JUNE, 1991

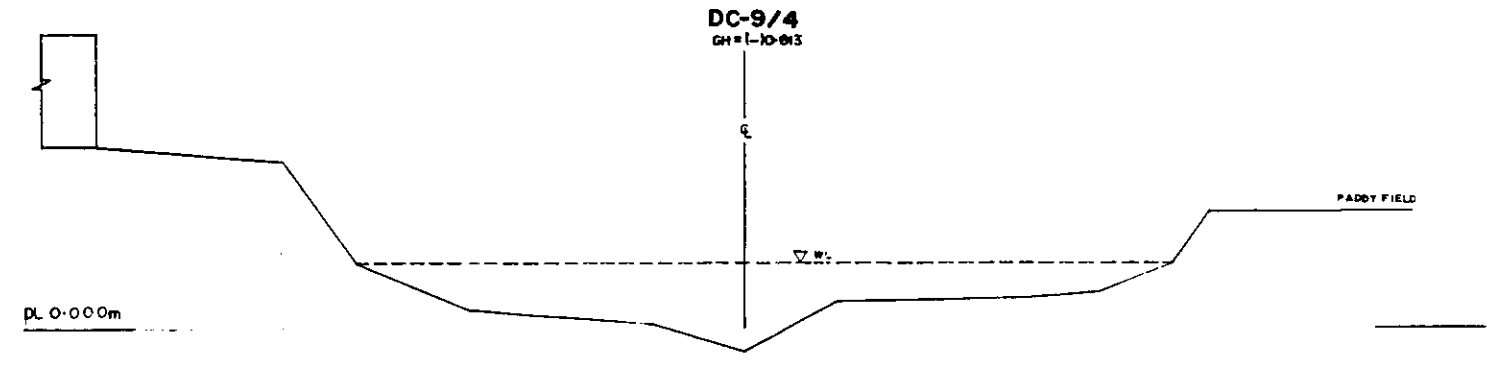
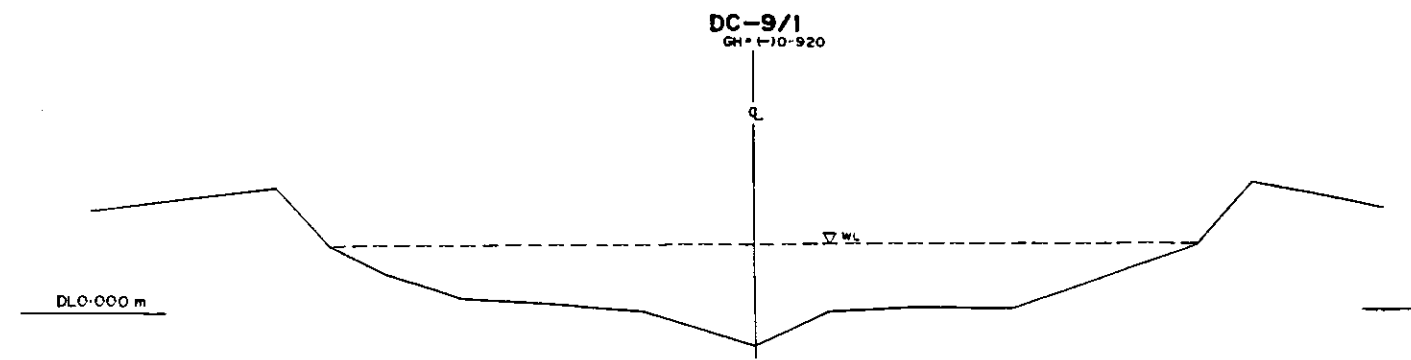
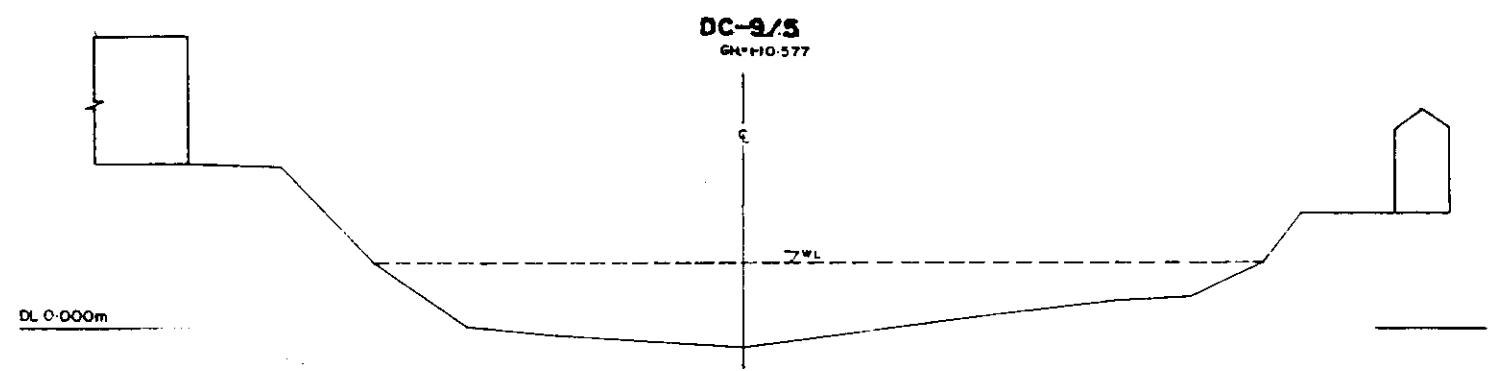
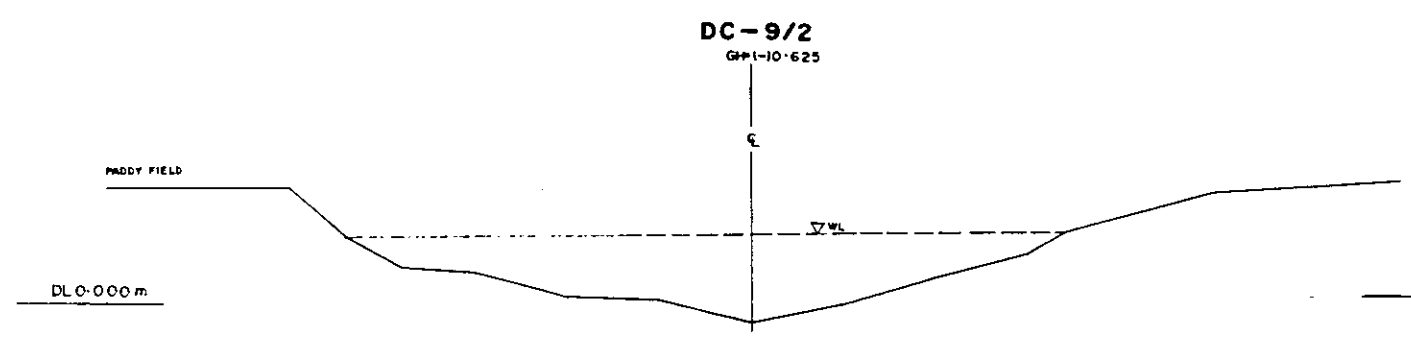
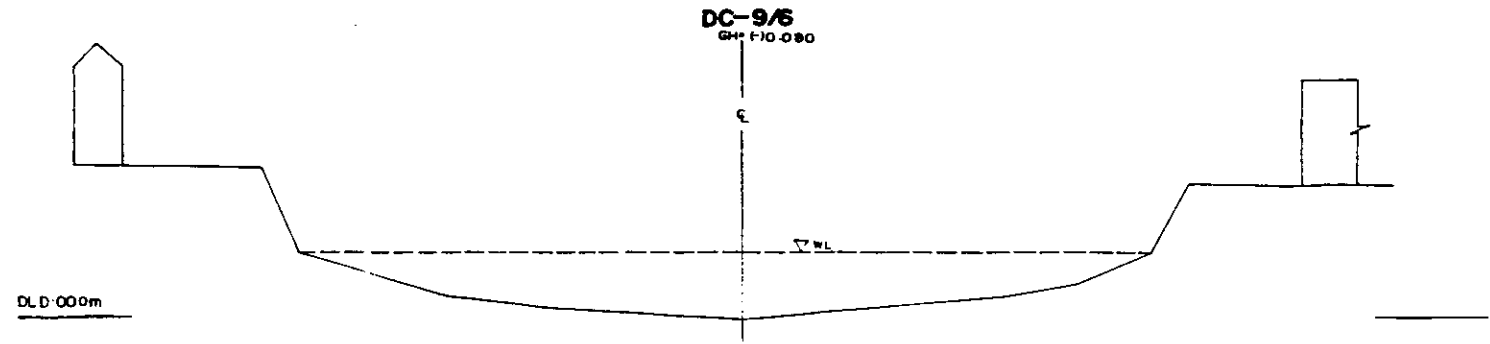
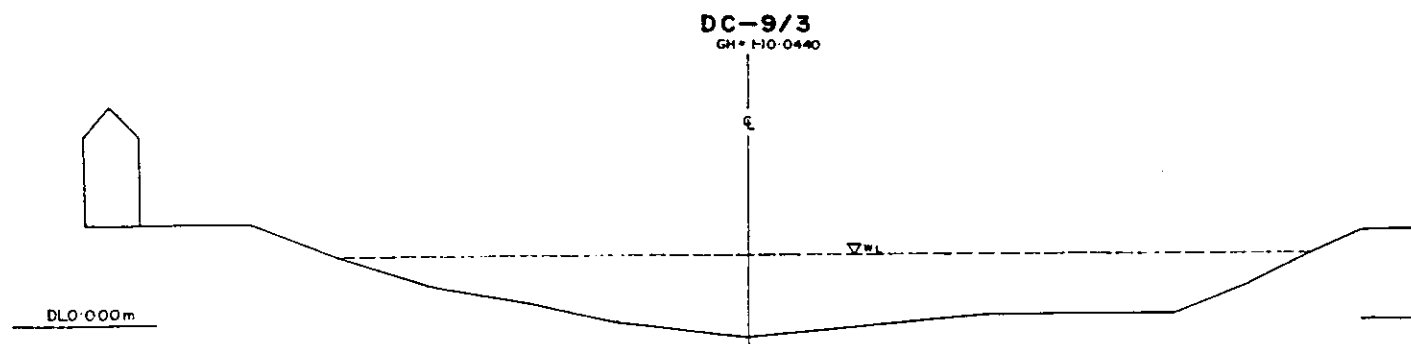
DWG. NO. KG L24
JAPAN INTERNATIONAL CO OPERATION AGENCY



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
NEW FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

C/S - (2) SURVEYED IN MARCH, 1991
REF. DRG. NO. - KG C 27

C/S - (3) SURVEYED IN MARCH, 1991
REF. DRG. NO. - KG C 27



C/S - (1) SURVEYED IN MARCH 1991
REF. DRG. NO. - KG C 27

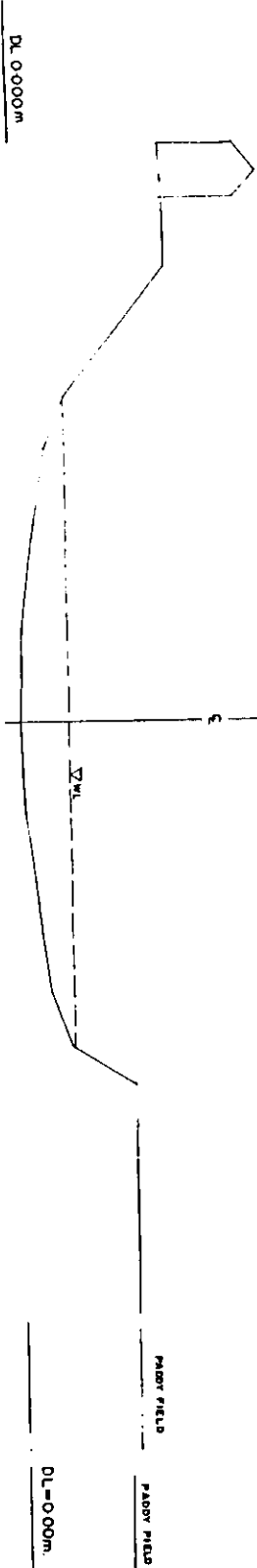
WL/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-9		SCALE	H:V:200
DWG. NO.	KG/C-29	DATE	JUNE 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

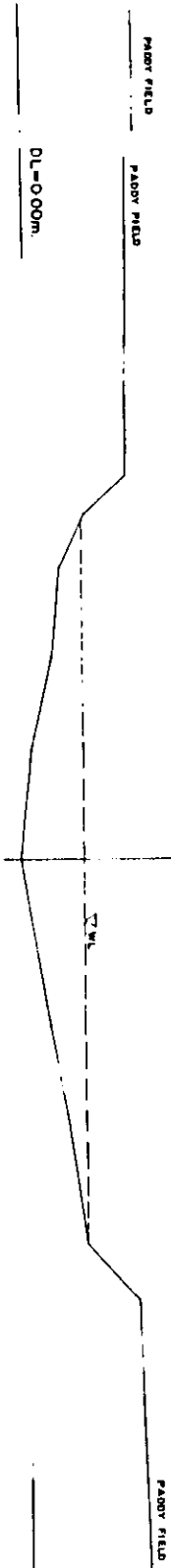
C/S - (14) SURVEYED IN MARCH, 1991
REF. DMS NO - KG C 2B

C/S - (13) SURVEYED IN MARCH, 1991
REF. DMS NO - KG C 2B

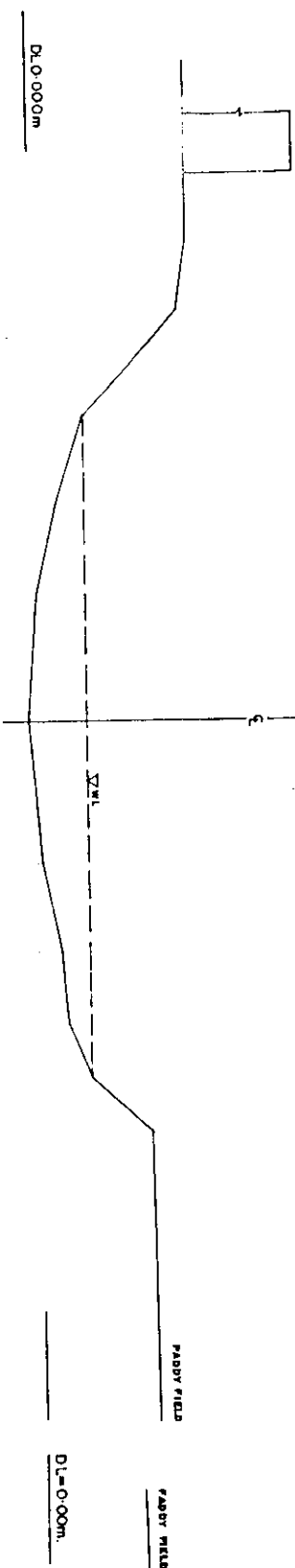
DC-9/9
GM+0.082



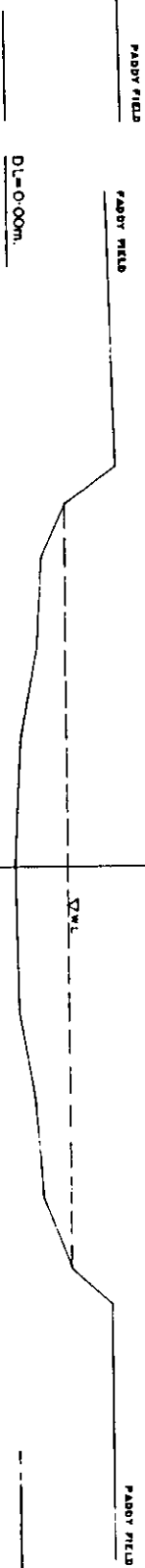
DC-9/12
GM+0.0175



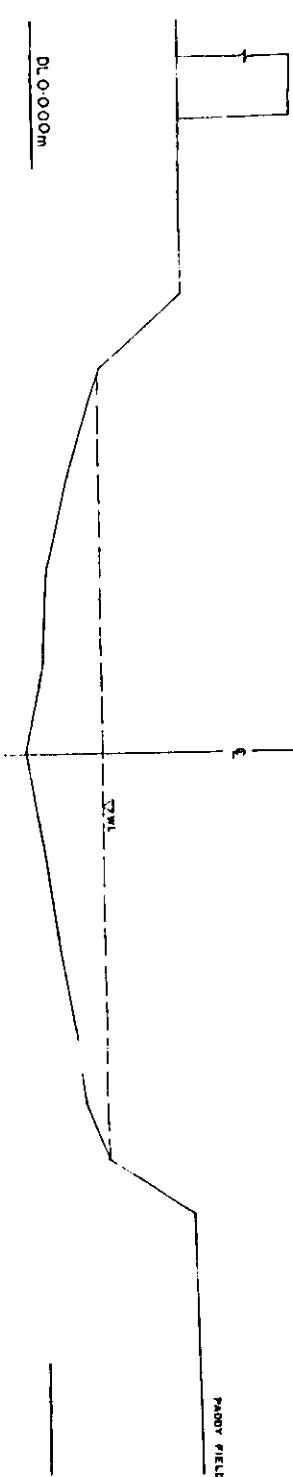
DC-9/8
GM+0.220



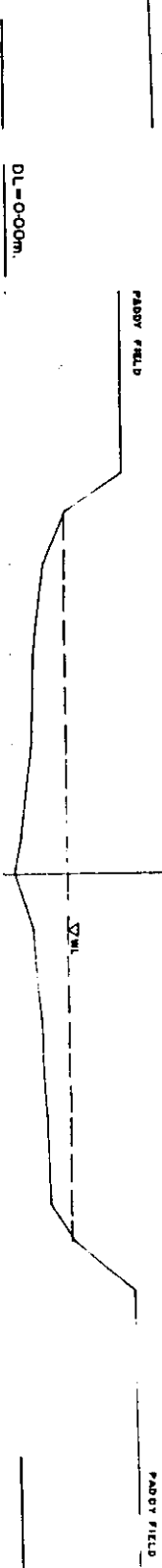
DC-9/11
GM+0.023



DC-9/7
GM+0.0367



DC-9/10
GM+0.047

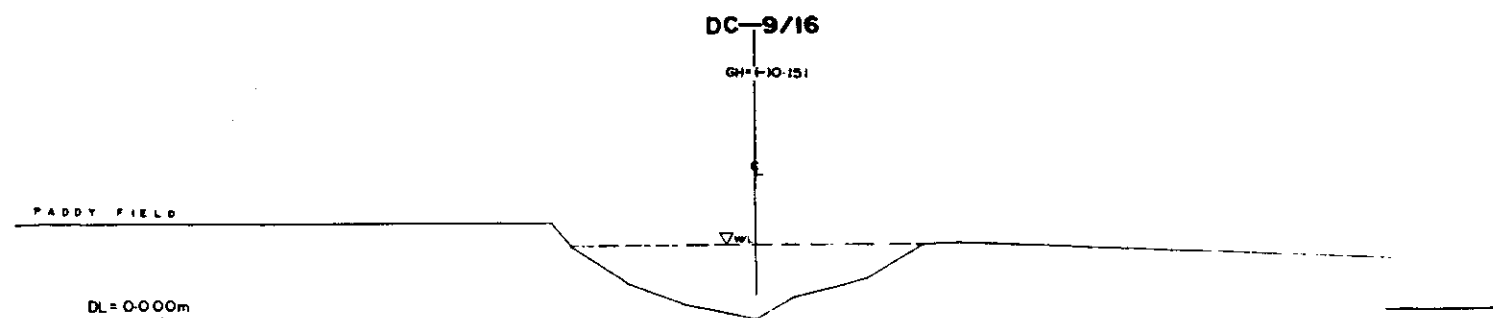
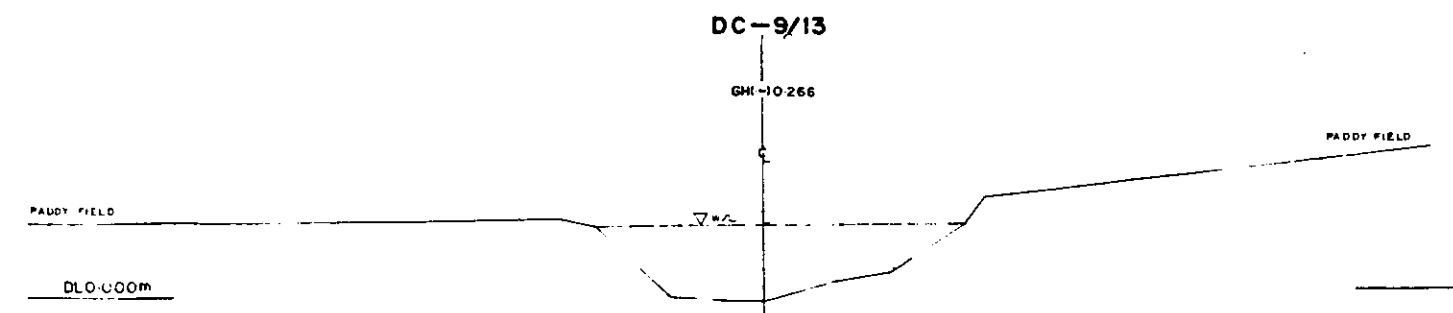
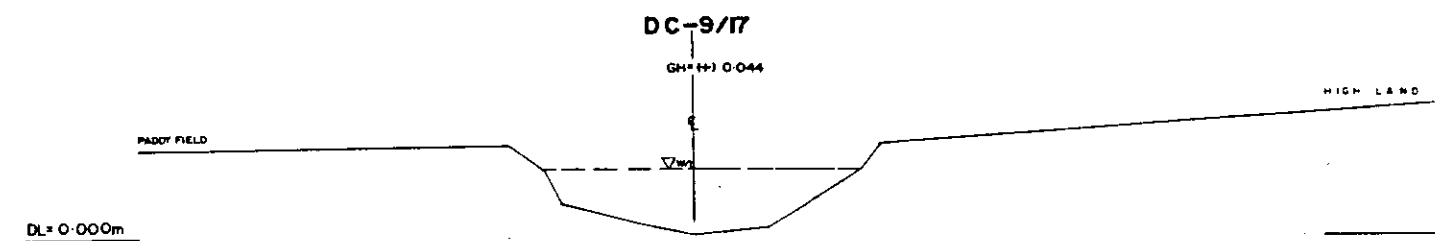
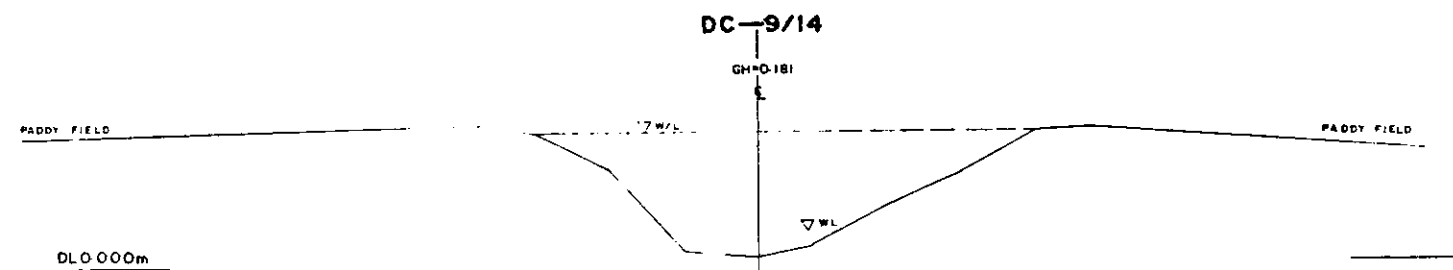
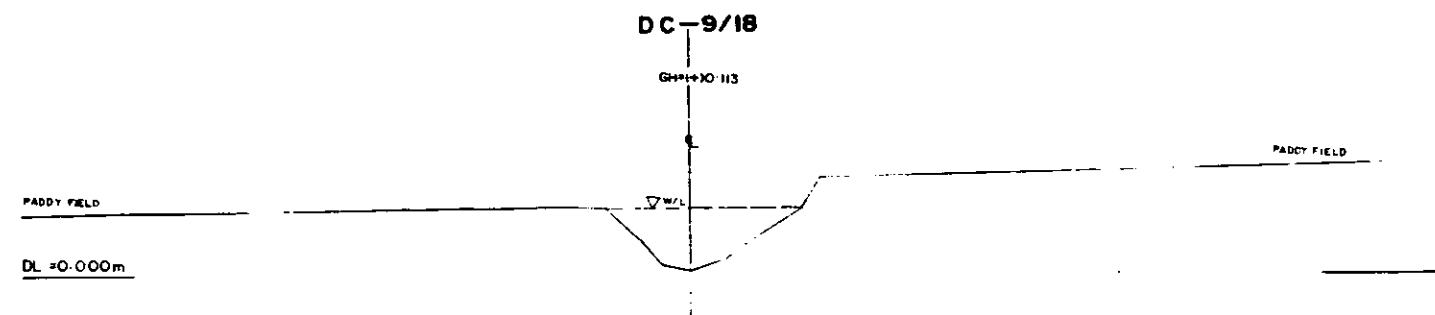
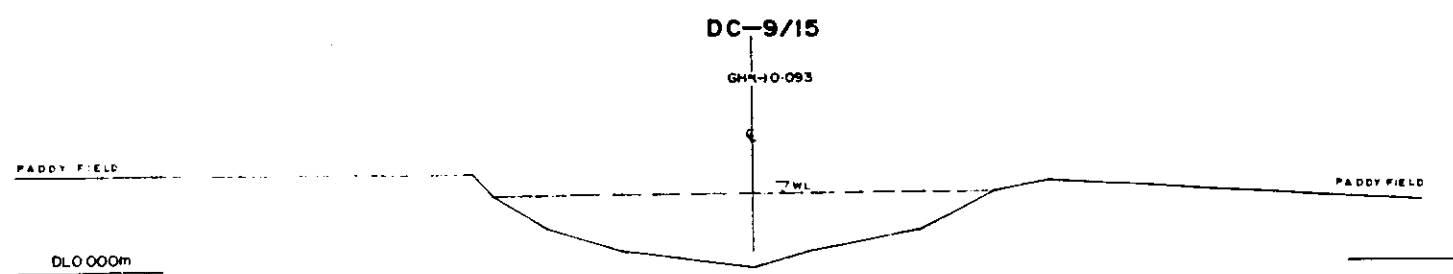


SL/R RACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
D/C-9	SCALE	H=1:200 V=1:20	
DWG. NO.	KG CSO	DATE	JUNE-1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S - (6) SURVEYED IN MARCH, 1991
REF. DRG. NO - KG E 28

C/S - (7) SURVEYED IN MARCH, 1991
REF. DRG. NO - KG C 29

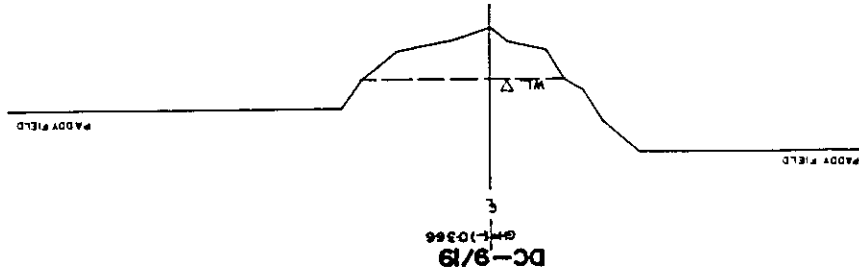


• L/R FACING TO UP STEAM

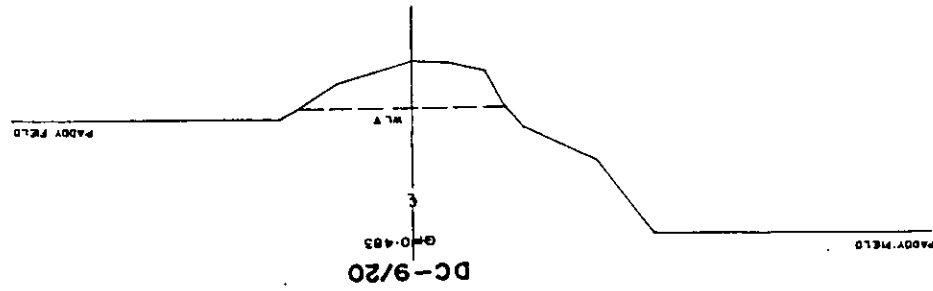
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC - 9	SCALE	H=1:500	V=1:100
DWG. NO.	KG C31	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

JAPAN INTERNATIONAL CO OPERATION AGENCY			
DWG. NO.	KG C32	DATE	JUNE, 1991
SCALE	D C - 9	DATE	JUNE, 1991
CROSS SECTION OF CANAL			
DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
(STUDY IN DHAKA METROPOLITAN AREA)			
GREATER DHAKA PROTECTION PROJECT			

DL/R FACING TO UP STREAM



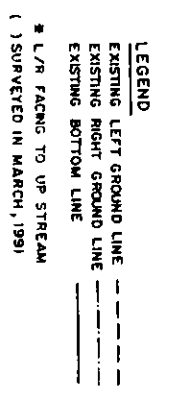
DL 0-000m



DL 0-000m

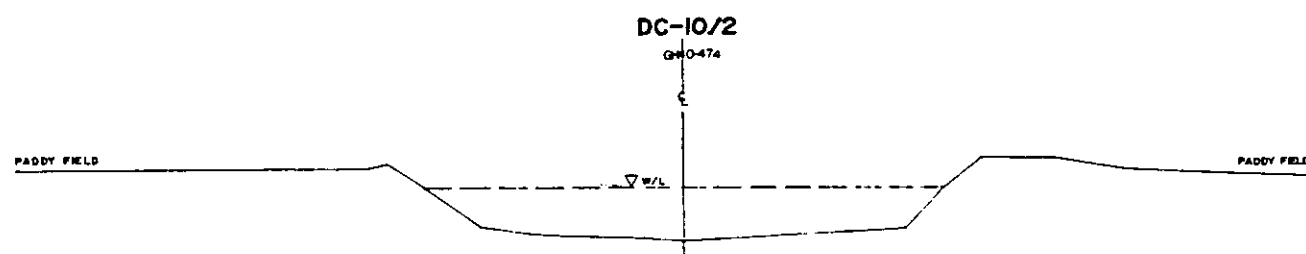
R/S - 101 SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C29

C92



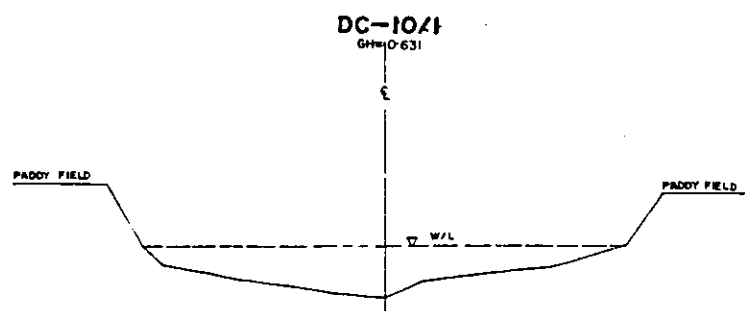
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.BA		
DHAKA METROPOLITAN AREA		
LONG SECTION OF CANAL		
DC - 10	SCALE	M:1,500
DWG NO. KG L26	DATE	JAN., 1991
JAPAN INTERNATIONAL CO OPERATOR AGENCY		

DL 0-000



C/S - (2) & (3) SURVEYED IN MARCH, 1991
REF. DWG. NO - KG C30

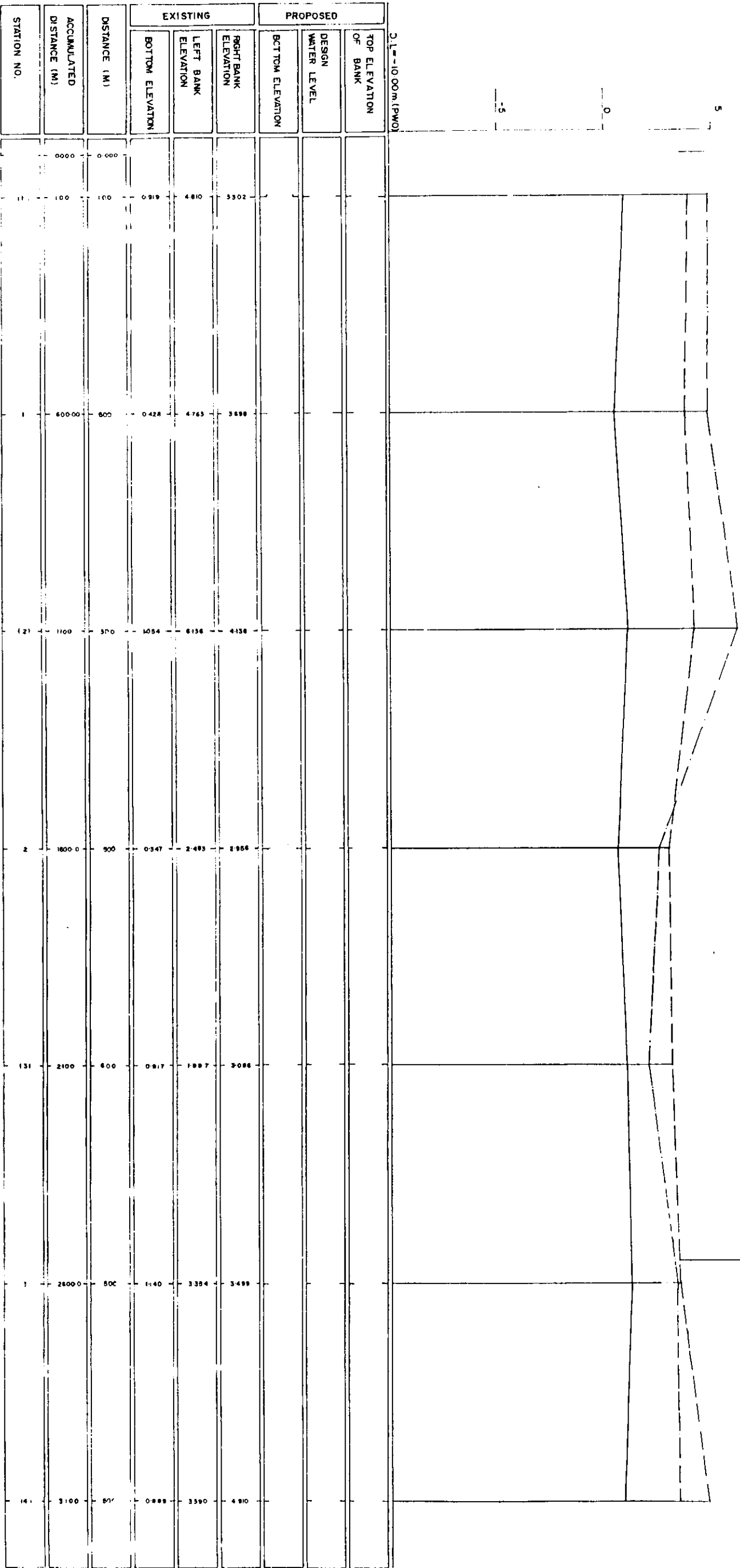
DL 0-000



C/S - (1) SURVEYED IN MARCH, 1991
REF. DWG. NO - KG C30

* L/R FACING TO UP STREAM.

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
DC - 10	SCALE	H=1:200 V=1:100	
DWG. NO.	KG C33	DATE	JUNE 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

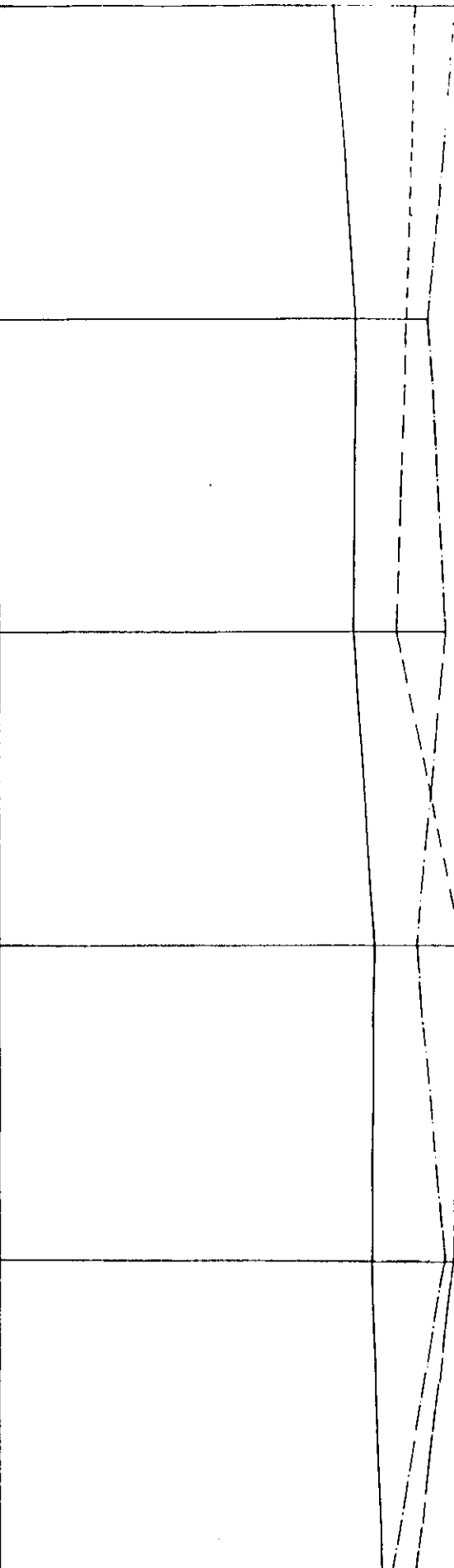
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
-BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA

LONG SECTION OF CANAL

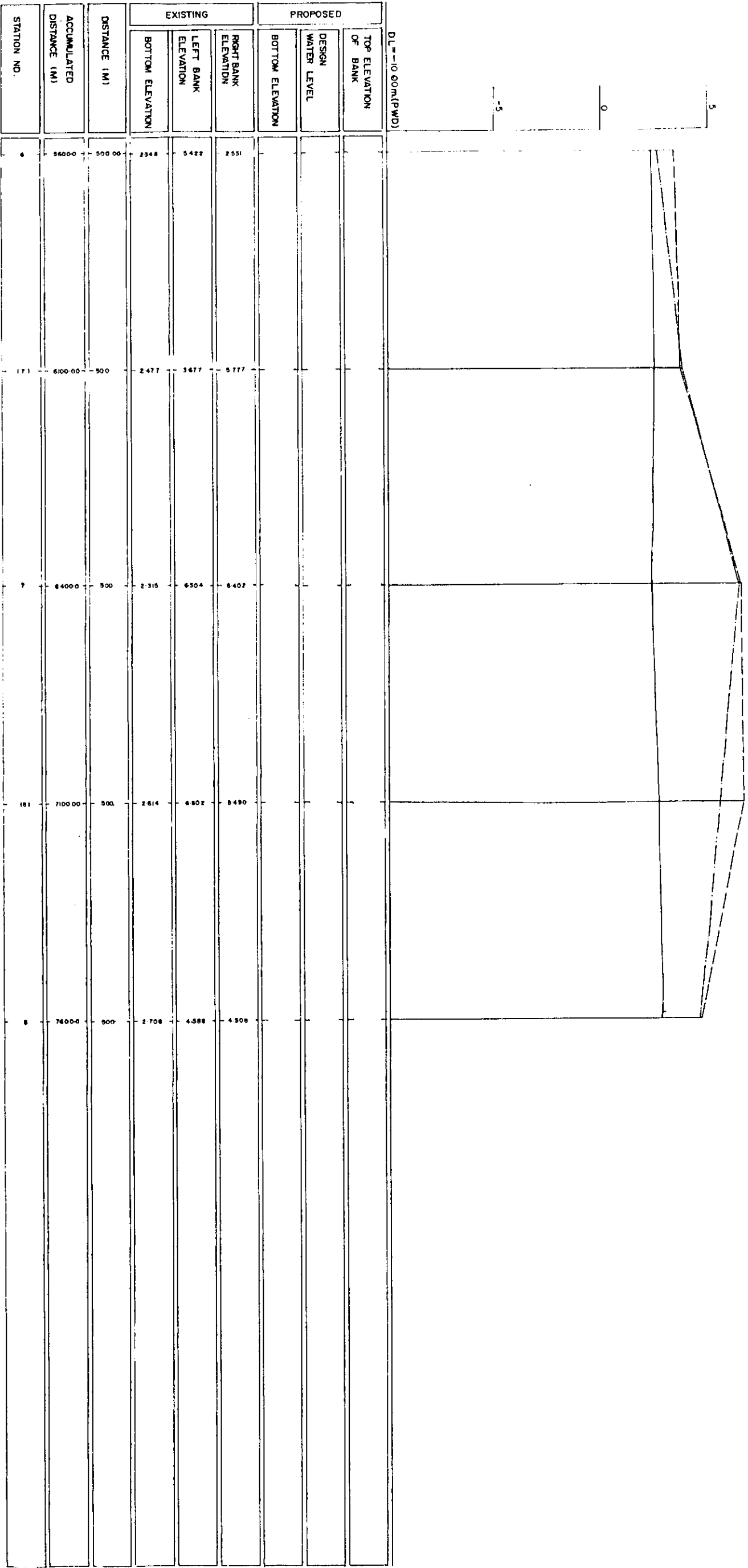
DC-II
DWG. NO. K6 L.27
SCALE
DATE
JUNE-1991

JAPAN INTERNATIONAL CO OPERATION AGENCY

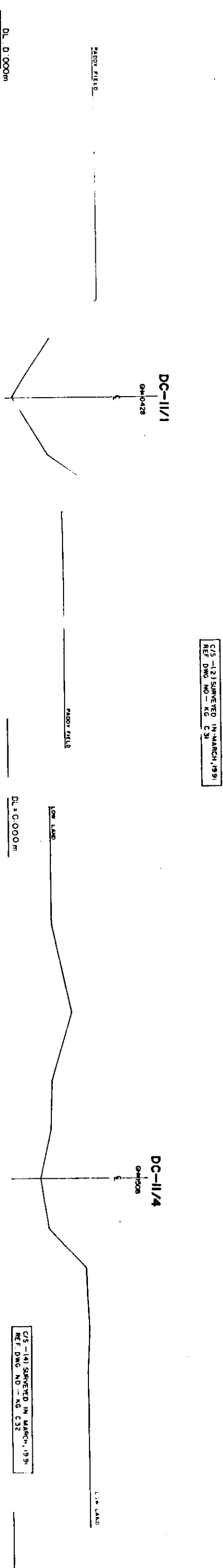
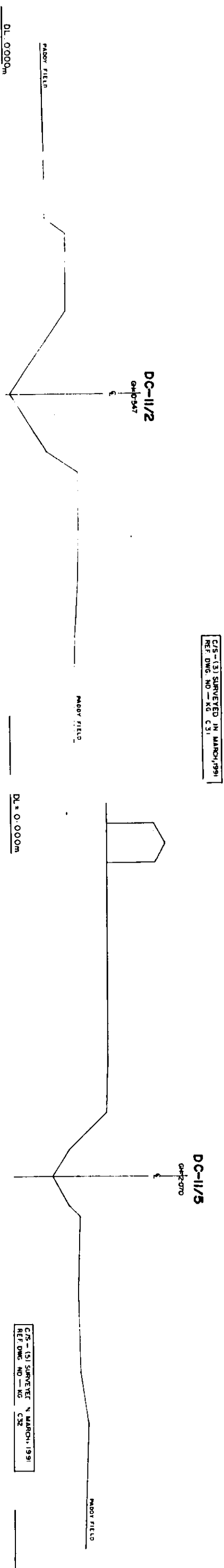
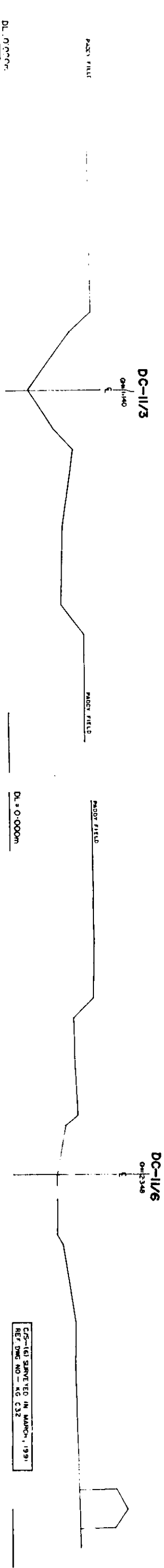
D.L. = 1000m (PWD)									
<div>5</div> <div>0</div> <div>-5</div>									
									
PROPOSED		EXISTING							
TOP ELEVATION OF BANK		RIGHT BANK ELEVATION							
DESIGN WATER LEVEL		LEFT BANK ELEVATION							
BOTTOM ELEVATION		BOTTOM ELEVATION							
		DISTANCE (M)							
		ACCUMULATED DISTANCE (M)							
SECTION NO									
		(4)	4	(5)	8	(6)	4		
		3100.00	3600.00	4000.00	4800.00	5100.00	5600.00		
		500	500	500	500	500	500		
		0.889	1.508	1.411	2.070	1.953	2.348		
		3.500	3.187	2.800	4.888	4.622	5.422		
		4.810	3.841	4.400	3.451	4.864	2.481		

LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

2A7

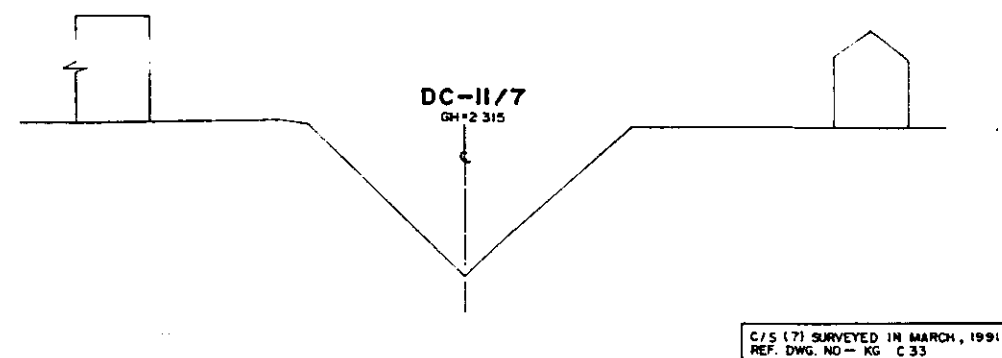
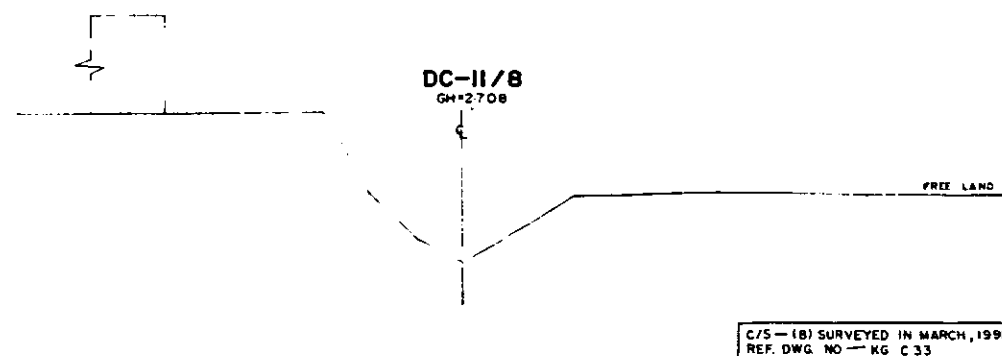


LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
W/LR FACING TO UP STREAM
() SURVEYED IN MARCH, 1991



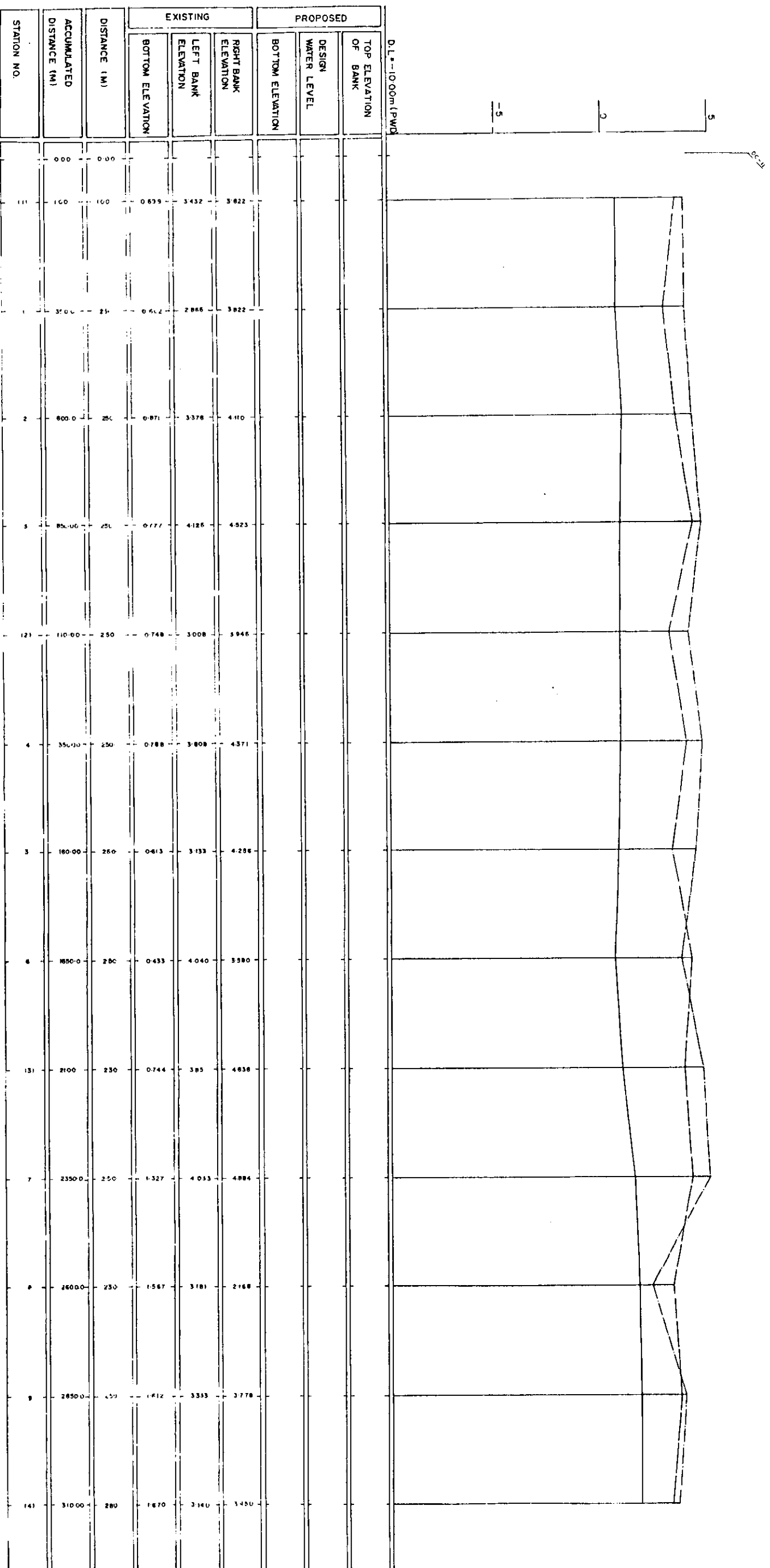
← L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
D C-II	SCALE	1:1000	
DWG. NO.	KG C 34	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
DC-II		SCALE	H:V 200 V:1:100
DWG. NO.	KG C35	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



LEGEND

EXISTING LEFT GROUND LINE

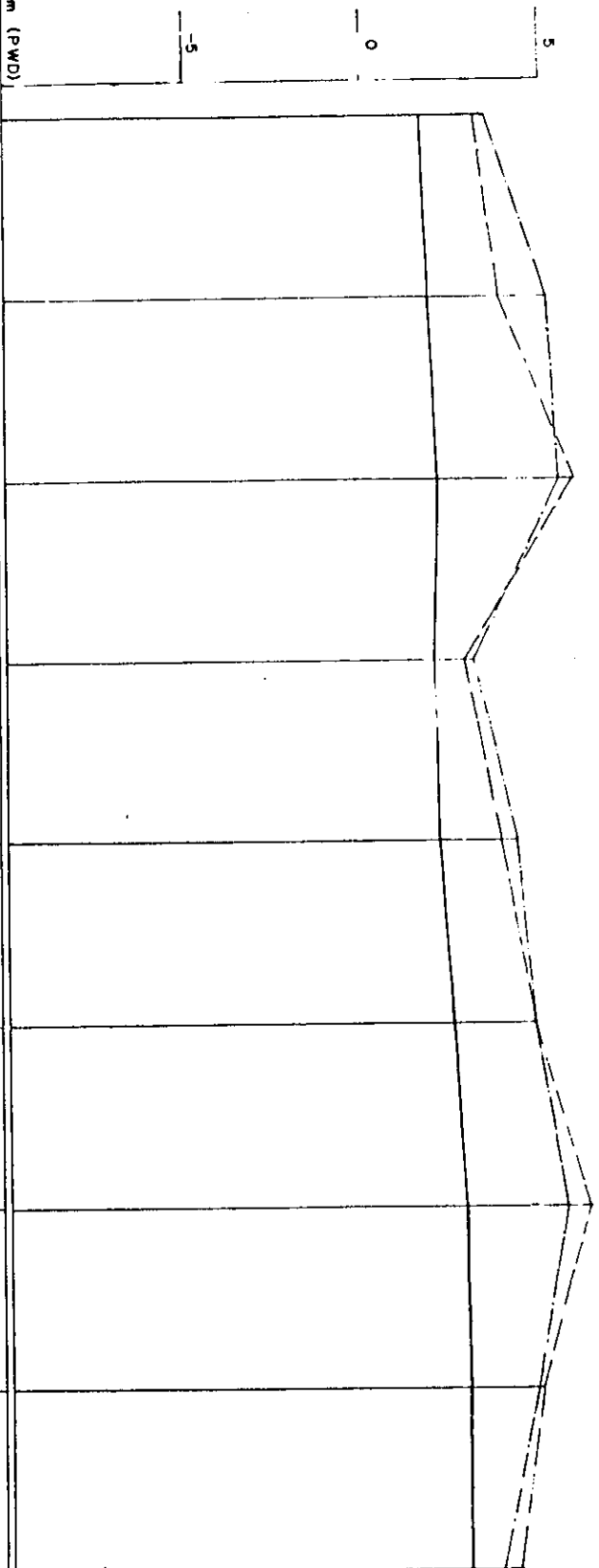
EXISTING RIGHT GROUND LINE

EXISTING BOTTOM LINE

L/R FACING TO UP STREAM

() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
LONG SECTION OF CANAL			
DWG. NO.	KG L.30	SCALE	MAY 1990
DATE		JUNE 1990	
JAPAN INTERNATIONAL CO-OPERATION AGENCY			



STATION NO.	EXISTING				PROPOSED			
	BOTTOM ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	TOP ELEVATION OF BANK	BOTTOM ELEVATION	DESIGN WATER LEVEL	TOP ELEVATION OF BANK	DESIGN WATER LEVEL
9	1670	5140	3480					
10	1606	3800	5148					
11	2048	8848	5428					
12	1806	2754	3001					
151	2036	5775	4800					
13	2356	4667	4681					
14	2470	6135	8930					
18	2743	4800	4865					
161	2784	4120	5640					

LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

200

C/S-12) SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C 34

DC-12/3
GH=0.777

DL 0.000m

C/S-13) SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C 34

DC-12/6
GH=0.435

HIGH LAND

DL=0.00m

HIGH STREAM

DC-12/2
GH=0.671

PADDY FIELD

PADDY FIELD

PADDY FIELD

PADDY FIELD

DL 0.000m

DL=0.00m

DC-12/1
GH=0.602

PADDY FIELD

PADDY FIELD

PADDY FIELD

HIGH LAND

DL 0.000m

DL=0.00m

DC-12/4
GH=0.780

C/S-11) SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C 34

* L/R. FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA
CROSS SECTION OF CANAL

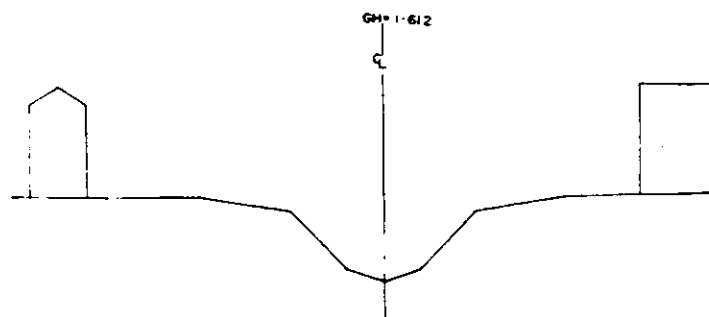
DWG. NO.	KG / C - 34	DATE	SCALE	DATE
DC-12			1:1,000	11/1/90
			1:1,000	JUNE 1991

JAPAN INTERNATIONAL CO-OPERATION AGENCY

202

DC-12/9

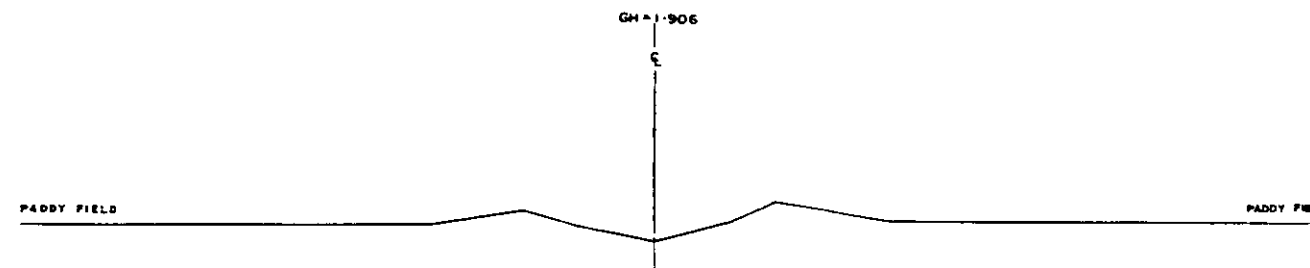
C/S - (4) SURVEYED IN MARCH, 1991
REF DWG NO - KG C 35



DL=0.000 m

DC-12/12

C/S - (5) SURVEYED IN MARCH, 1991
REF DWG NO - KG C 35



DL=0.00m

DC-12/8

GH=1-567

PADDY FIELD

LOW LAND

DL=0.000 m

DC-12/11

GH=20-48

DL=0.00 m.

DC-12/7

GH=1-327

PADDY FIELD

DL=0.000

DC-12/10

GH=1-806

DL=0.00m.

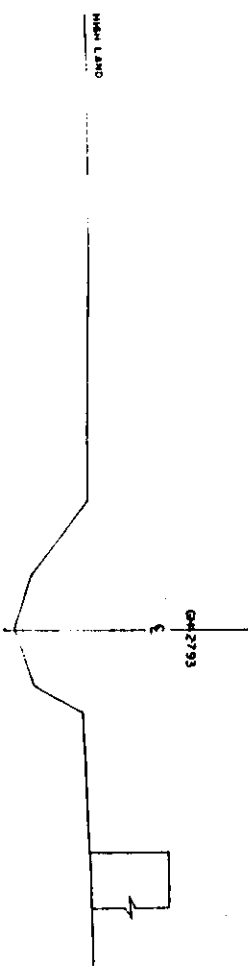
* L/R. FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
D.C-12		SCALE	H=1:500 V=1:100
DWG. NO.	KG C 37	DATE	JUNE 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

220

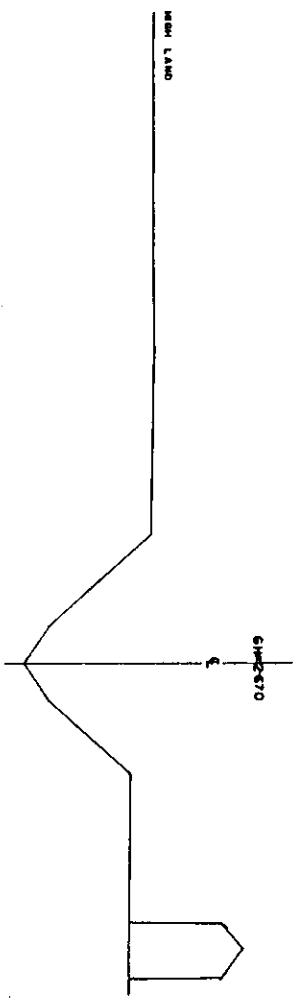
C/S - (6) SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C 35

DC-12/15



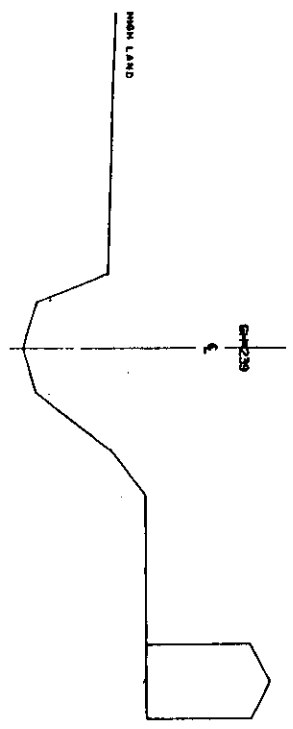
DL 0.000m

DC-12/14



DL 0.000m

DC-12/13



DL 0.000m

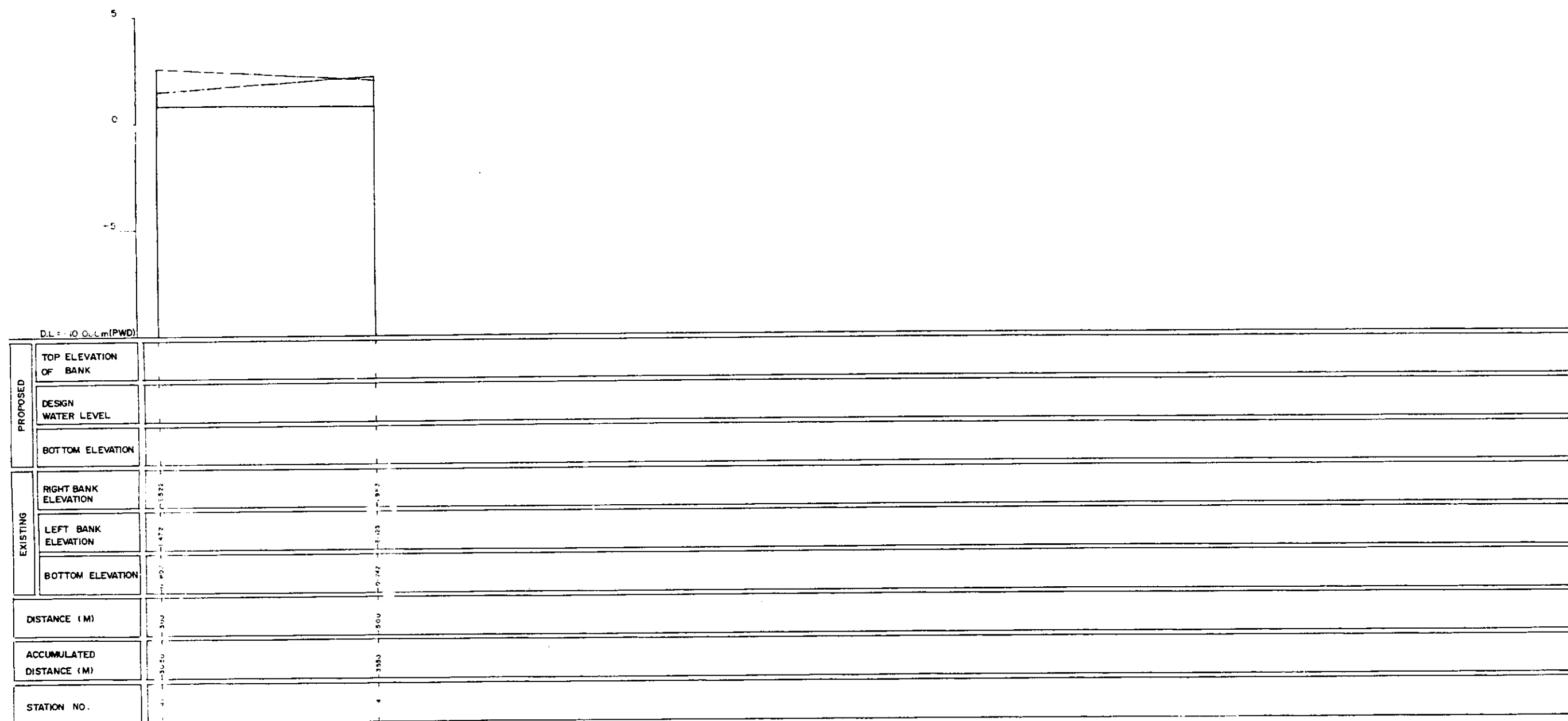
* L/R. FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC - 12	SCALE	1:100	
DWG. NO.	KG C 35	DATE	JUNE 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

D.L. = 10.000m (P.W.D.)									
STATION NO.	PROPOSED				EXISTING				
	TOP ELEVATION OF BANK				RIGHT BANK ELEVATION	LEFT BANK ELEVATION	BOTTOM ELEVATION	DISTANCE (M)	ACCUMULATED DISTANCE (M)
	DESIGN WATER LEVEL								
	BOTTOM ELEVATION								
11					2.70	2.542	0.432	50.00	50.00
12					2.550	2.450	0.663	100.00	150.00
13					2.300	2.250	0.793	150.00	200.00
14					2.262	2.190	0.904	200.00	250.00
15					2.472	2.472	0.000	250.00	300.00

LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO "P" STREAM
(SURVEYED IN MARCH, 1991)

220



LEGEND

EXISTING LEFT GROUND LINE _____

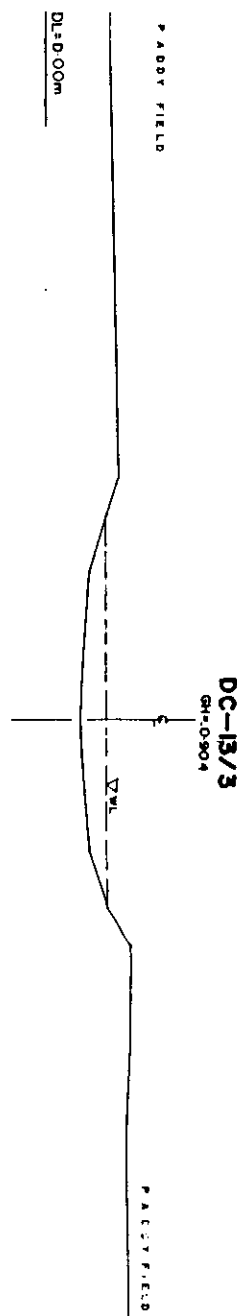
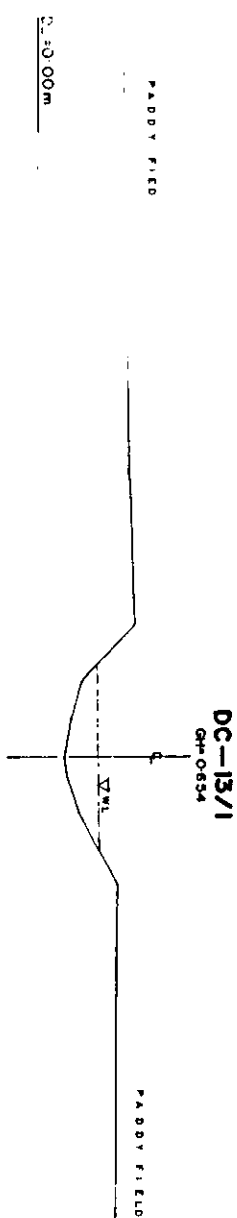
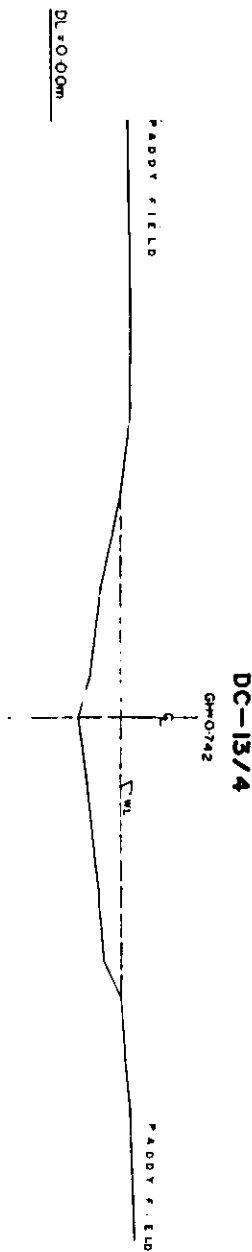
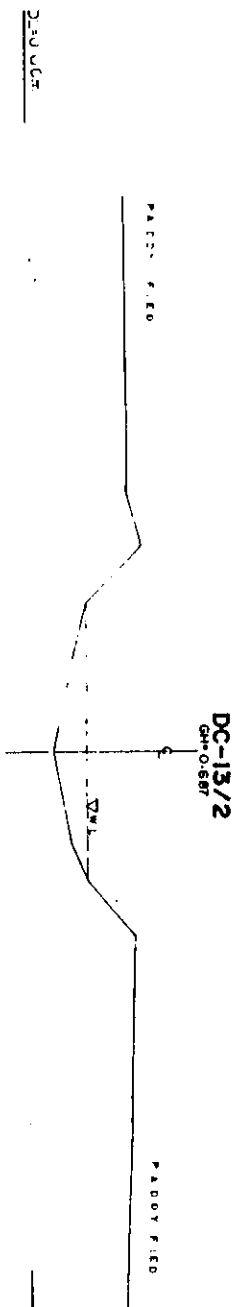
EXISTING RIGHT GROUND LINE _____

EXISTING BOTTOM LINE _____

● L/R FACING TO UP STREAM

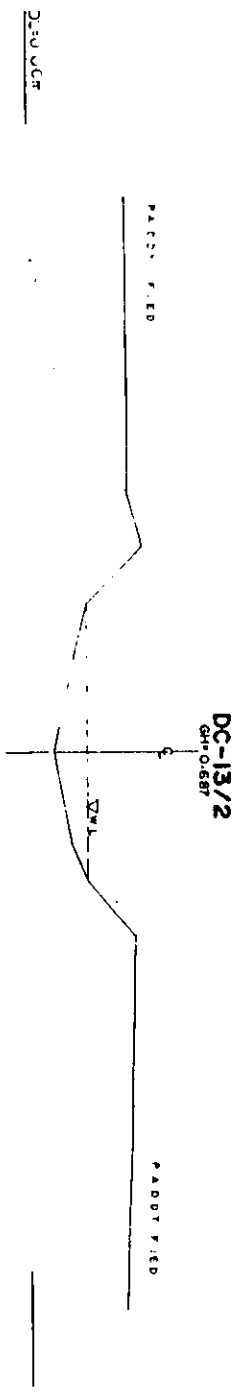
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
LONG SECTION OF CANAL		
DC-13	SCALE	1:5000
DWG. NO.	DATE	JUNE 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY		

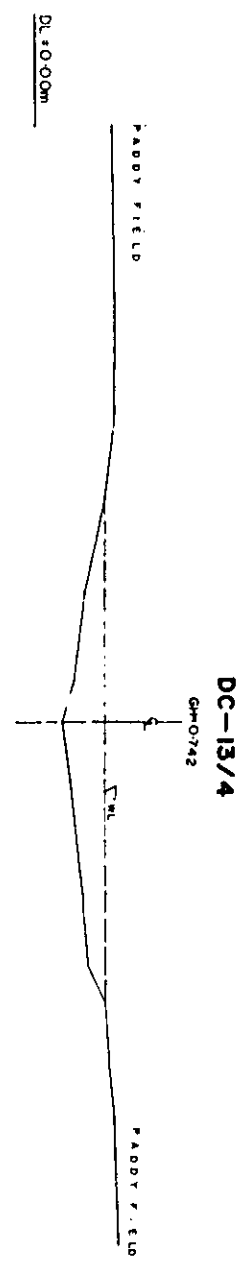


* L/R FACING TO UP STREAM

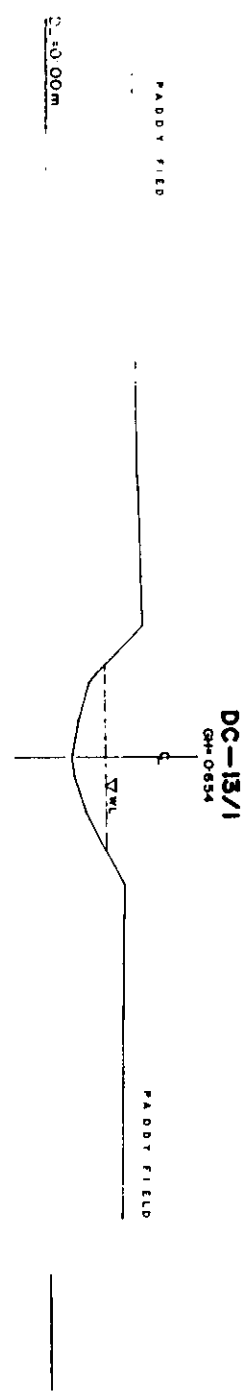
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-13	SCALE	1:100	DATE
DWG. NO. KG C 33	DATE	JUNE-1991	
JAPAN INTERNATIONAL CO-OPERATION AGENCY			



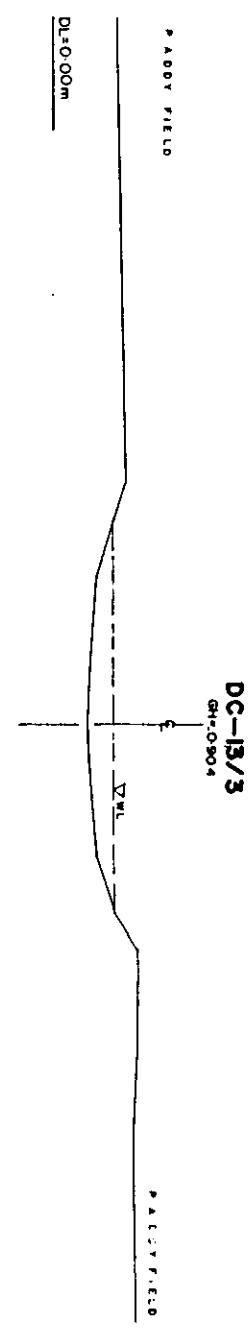
C/S-13 SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C 36



C/S-13 SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C 36



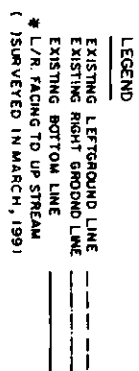
C/S-13 SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C 36



C/S-13 SURVEYED IN MARCH, 1991
REF. DWG. NO. - KG C 36

2 L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-13	SCALE	1:100	
DWG. NO. KG C 39	DATE	JUNE-1991	
JAPAN INTERNATIONAL CO-OPERATION AGENCY			



201

DC-14/3

GH = 2.234

C/S-(4) SURVEYED IN MARCH, 1991
REF. DWG. NO- KG C 38

PADDY FIELD

PADDY FIELD

DL=0.00 m

DC-14/2

GH = 1.914

C/S-(3) SURVEYED IN MARCH, 1991
REF. DWG. NO- KG C 38

PADDY FIELD

PADDY FIELD

DL=0.00 m

DC-14/1

GH = 1.314

C/S-(2) SURVEYED IN MARCH, 1991
REF. DWG. NO- KG C 37

PADDY FIELD

PADDY FIELD

DL=0.00 m

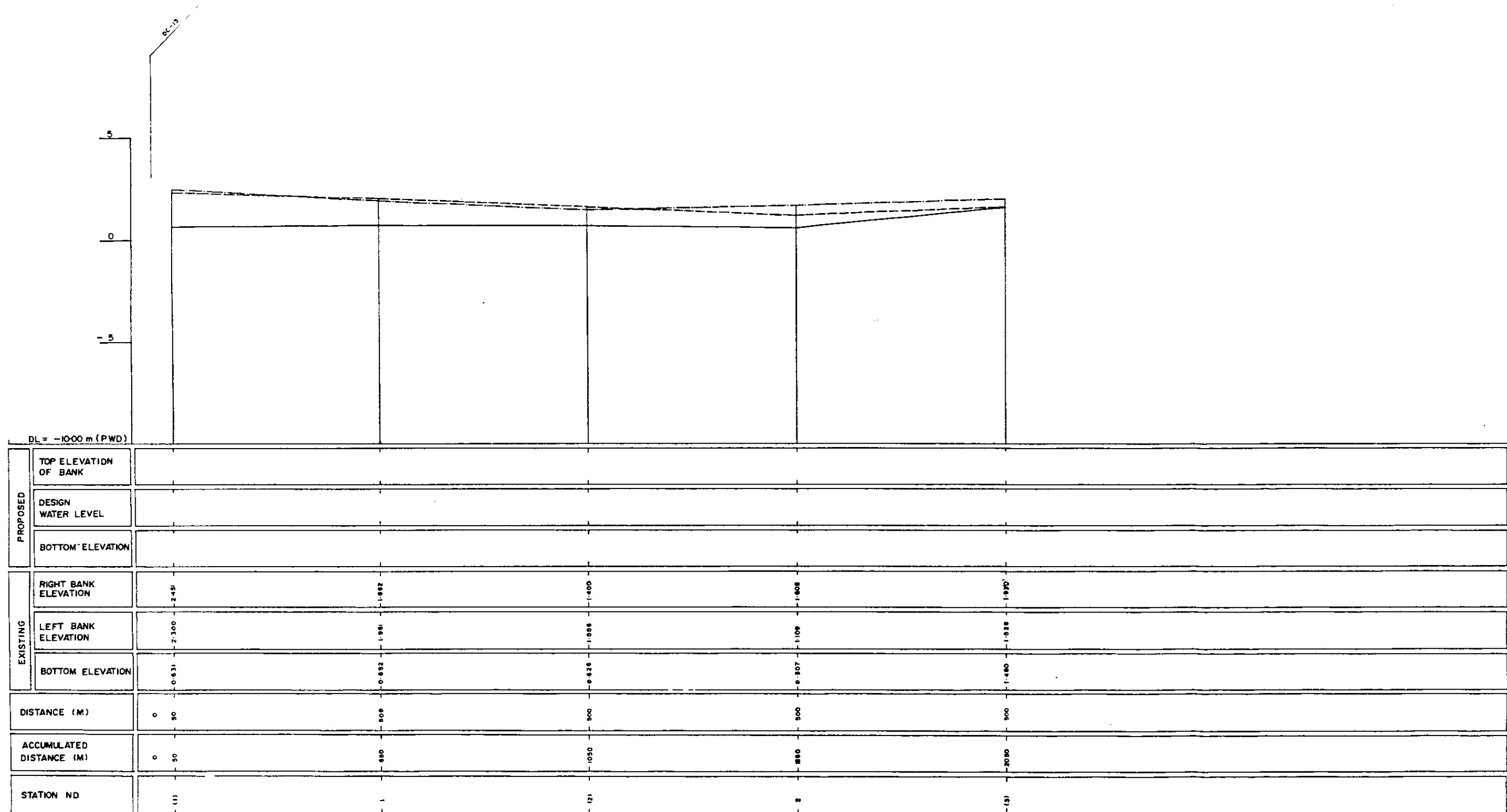
C/S-(1) SURVEYED IN MARCH, 1991
REF. DWG. NO- KG C 37

* L/R. FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
DC-14		SCALE	H=1:200 V=1:10.0
DWG. NO.	KG C 40	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

205

295

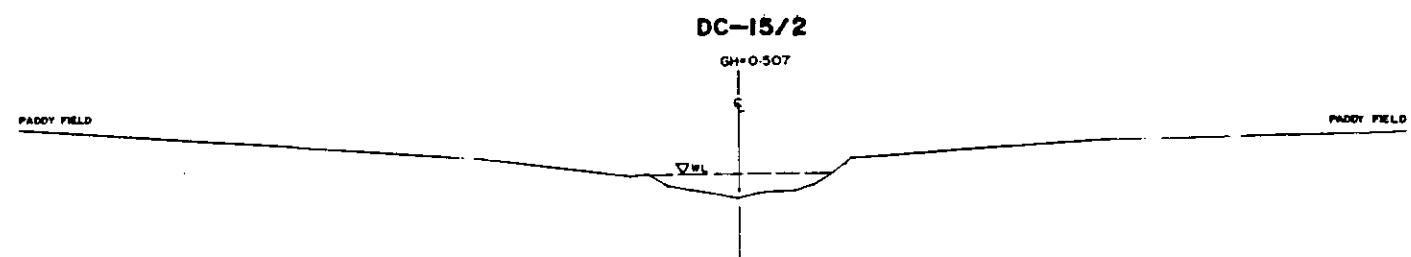


LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
■ L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

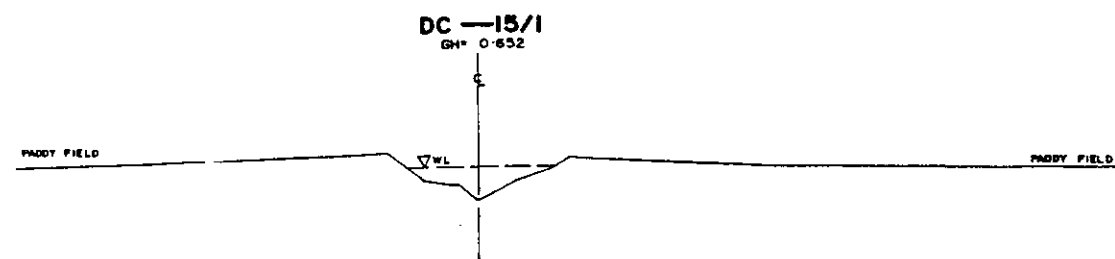
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA LONG SECTION OF CANAL			
DC - 15		SCALE	H = 1:5000 V = 1:100
DWG NO	K6 L35	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

080

C/S - (3) SURVEYED IN MARCH 1991
REF. DWG. NO - KG C39



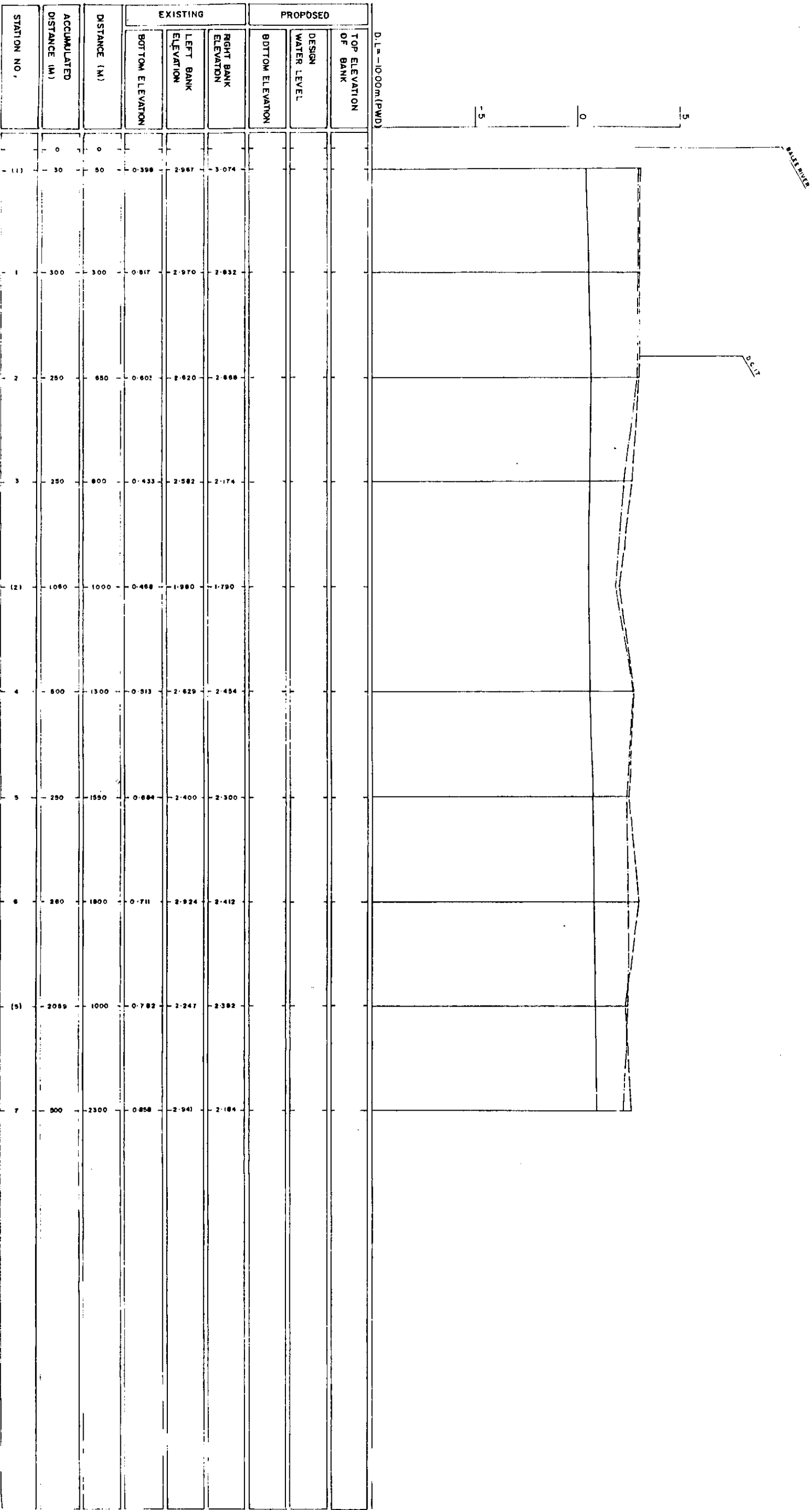
C/S - (2) SURVEYED IN MARCH 1991
REF. DWG. NO - KG C39



C/S - (1) SURVEYED IN MARCH 1991
REF. DWG. NO - KG C39

* L/R. FACING TO UP STREAM

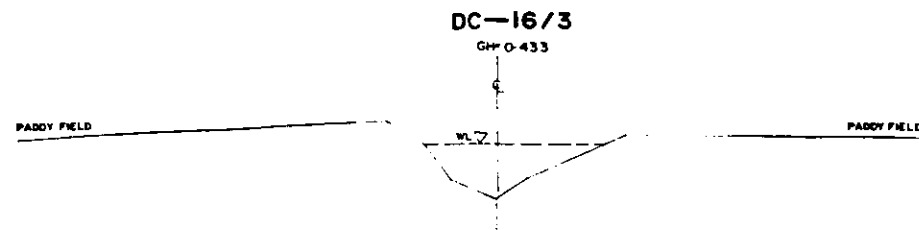
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA I)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-15		SCALE	1:100
DWG. NO.	KG/C-41	DATE	JUNE-1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			



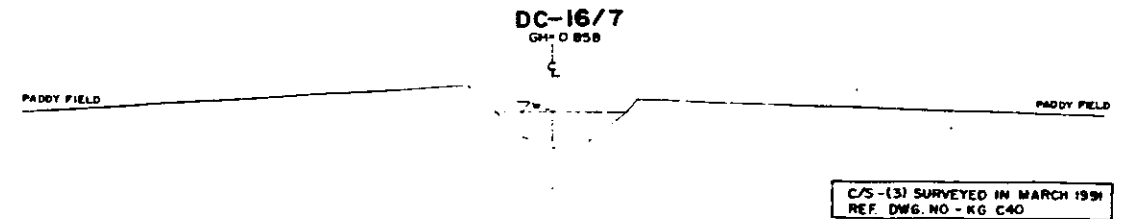
LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
L/R FACING TO UP STREAM
* SURVEYED IN MARCH, 1991

202

DL=0.00m.

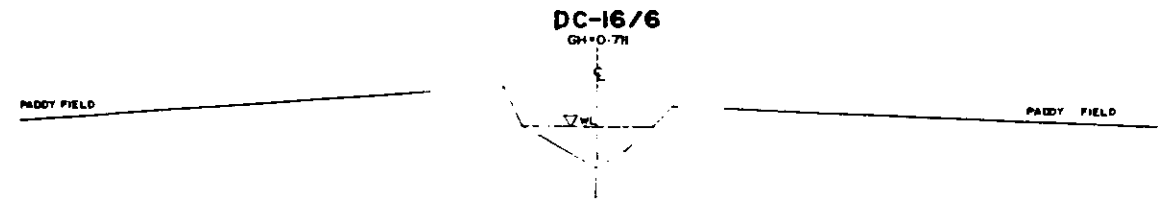


DL=0.00m.

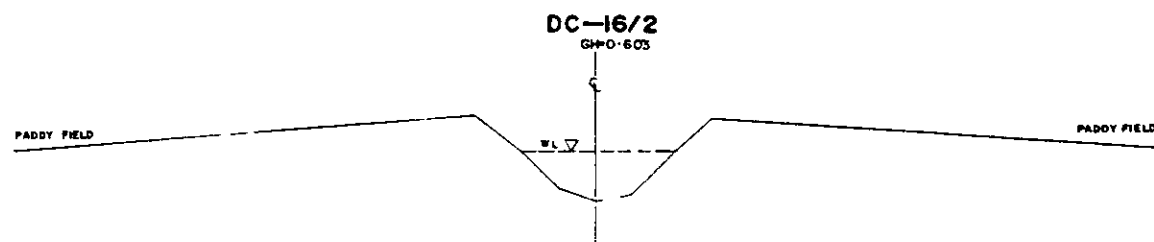


C/S-(13) SURVEYED IN MARCH 1991
REF. DWG. NO-KG C40

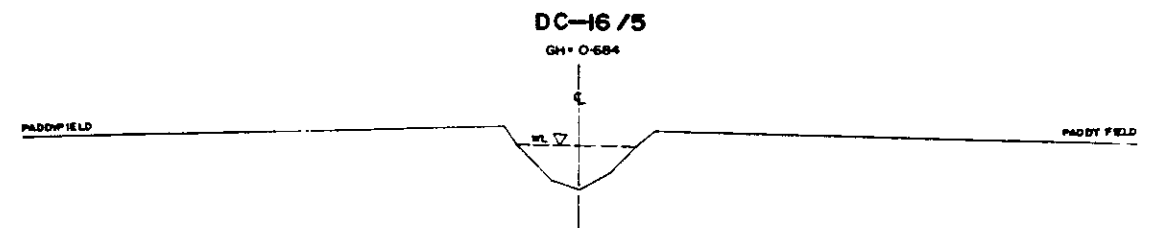
DL=0.00m.



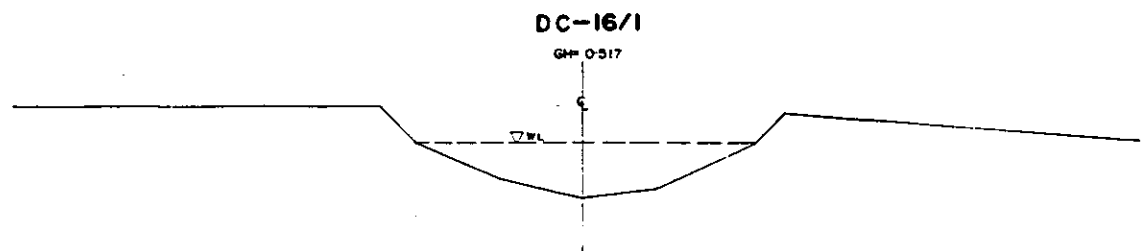
DL=0.00m.



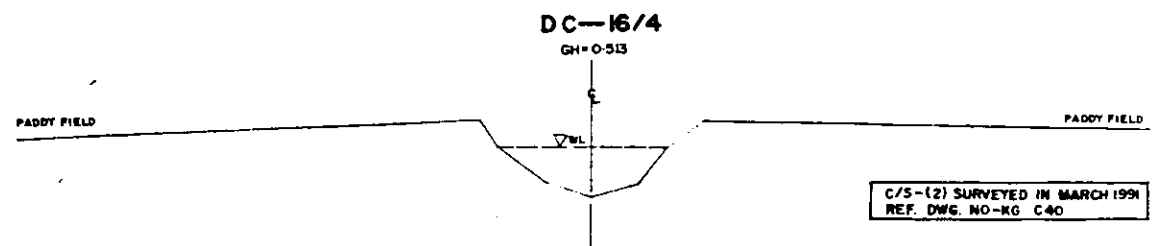
DL=0.00m.



DL=0.00m.



DL=0.00m.



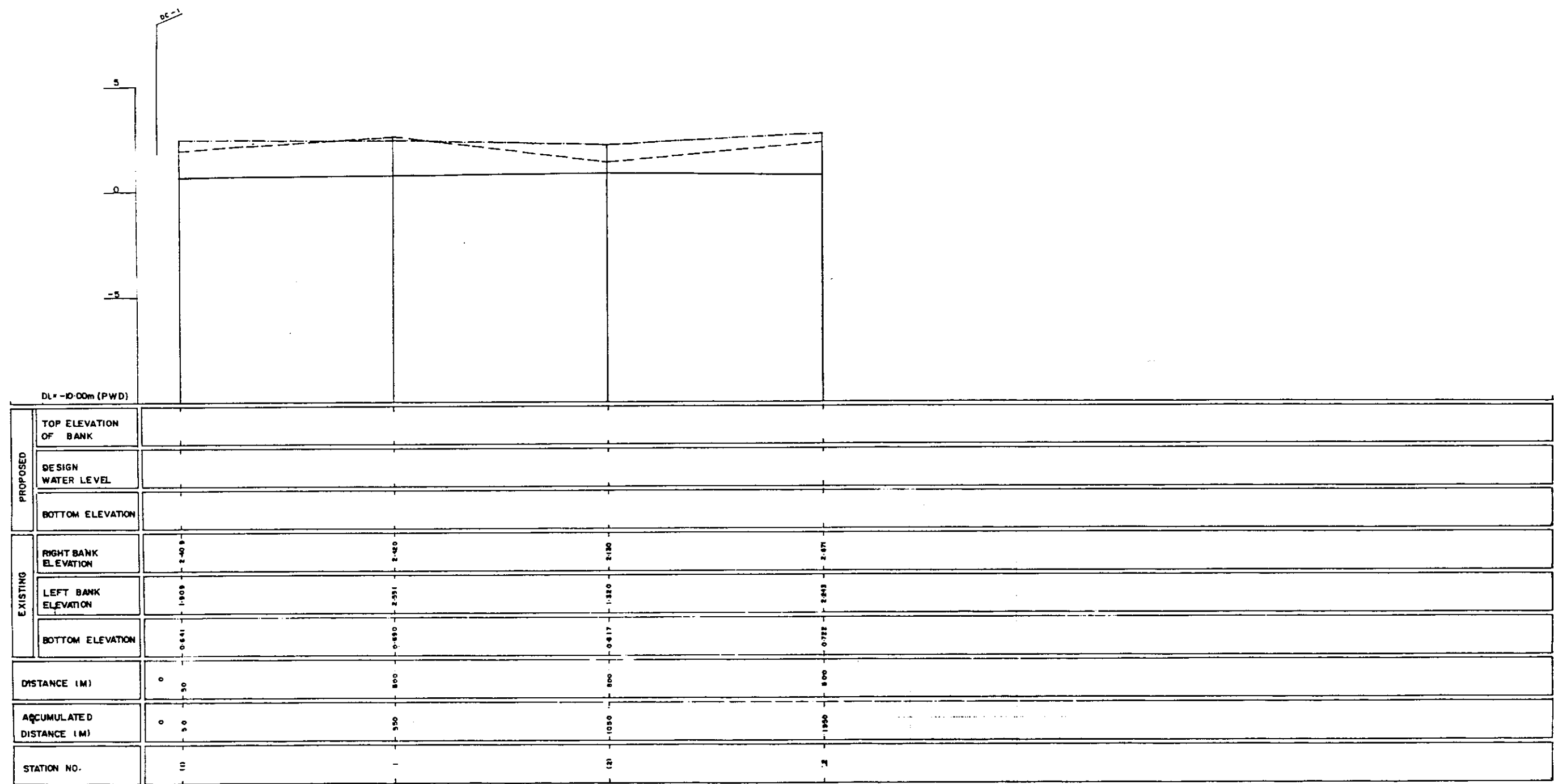
C/S-(12) SURVEYED IN MARCH 1991
REF. DWG. NO-KG C40

C/S-(11) SURVEYED IN MARCH 1991
REF. DWG. NO-KG C40

* L/R. FACING TO UP STREAM.

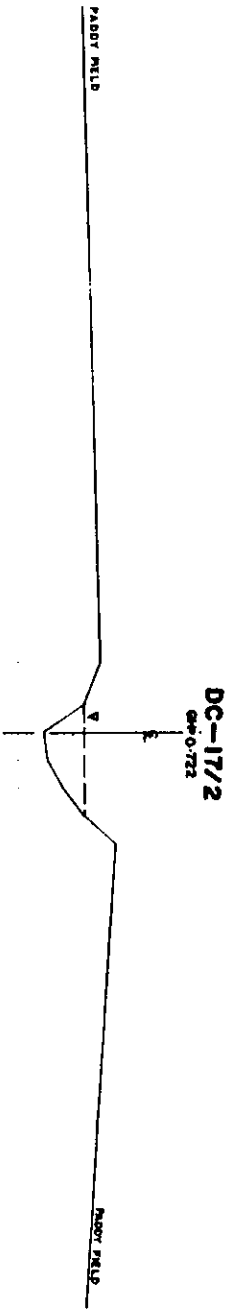
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
D C- 16		SCALE	H=1:200 V=1:100
DWG. NO.	KG C 42	DATE	JUNE 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

000



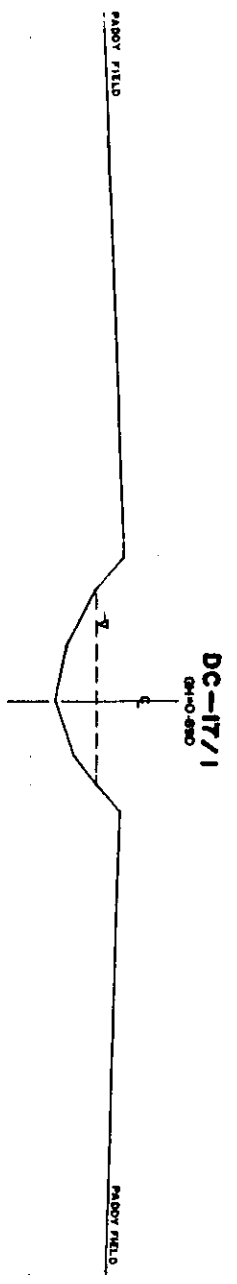
LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 8A
DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL
DC-17
SCALE: H=1:5000 V=1:100
DWG. NO. K8 L37 DATE JUNE-1991
JAPAN INTERNATIONAL CO OPERATION AGENCY



DL=D.00m

C/S -12 SURVEYED IN MARCH 1991
REF. DWG. NO - KG C-41



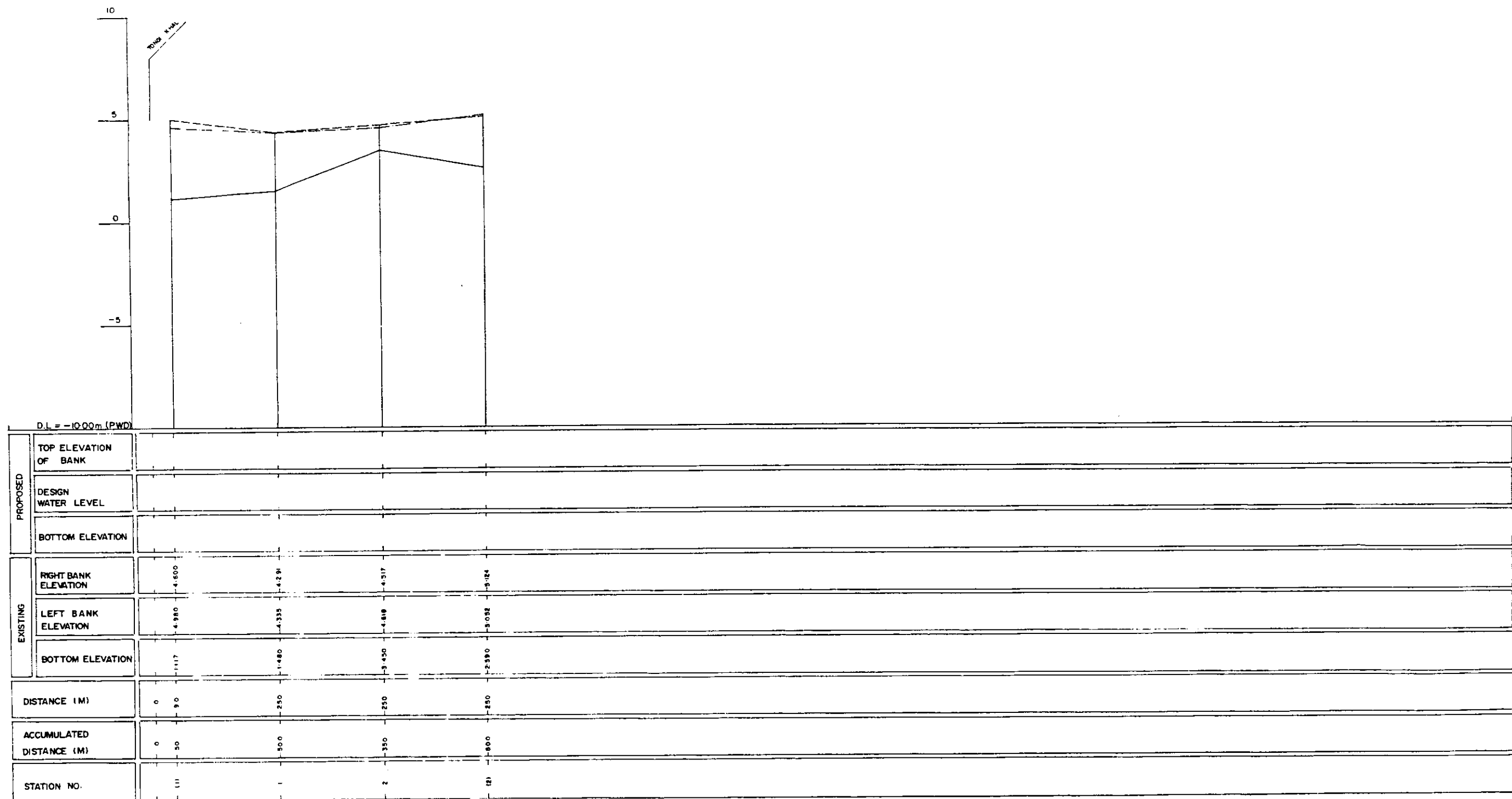
DL=D.00m

C/S -11 SURVEYED IN MARCH 1991
REF. DWG. NO - KG C-41

* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STATION IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC - 17	SCALE	1:1.25	
KG - C-43	DATE	JUNE-1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

000

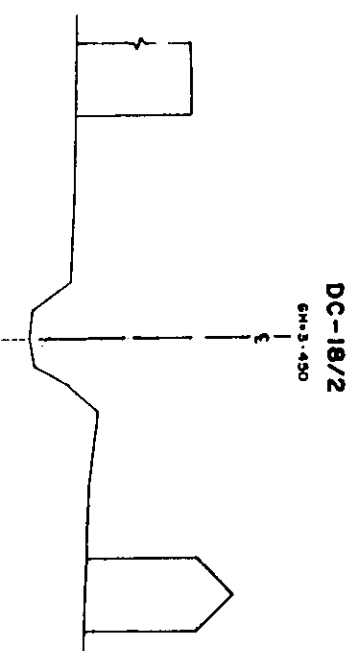


LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

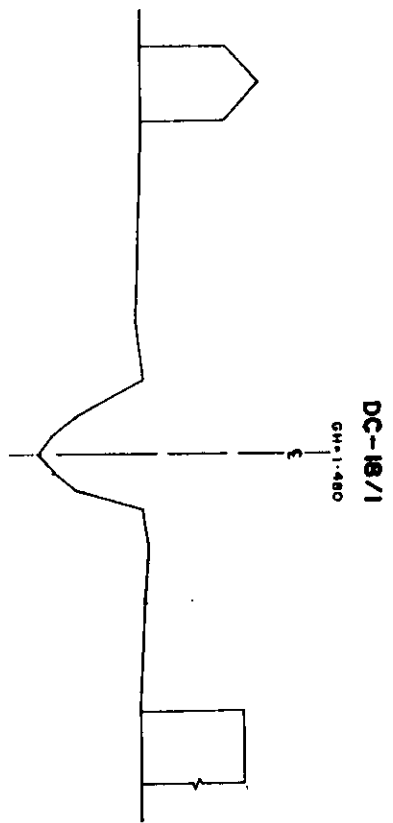
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
LONG SECTION OF CANAL			
DC-18		SCALE	N=1:5000 V=1:100
DWG. NO.	KG L38	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

009

C/S-12) SURVEYED IN MARCH, 1991
REF. DWG. NO. H-5 C-2



DL+0.00m

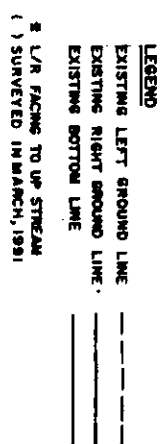


C/S-11) SURVEYED IN MARCH, 1991
REF. DWG. NO. H-5 C-2

* L/R FACING TO UP STREAM

DL+0.00m

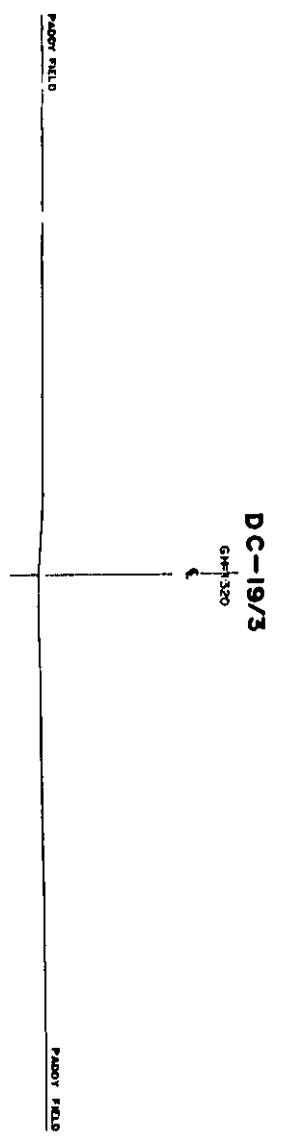
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A				
DHAKA METROPOLITAN AREA				
CROSS SECTION OF CANAL				
DWG. NO.	DC - 18	SCALE	1:1,200	
	K8 C-4.4	DATE	V.1.10.0	
JAPAN INTERNATIONAL CO-OPERATION AGENCY				



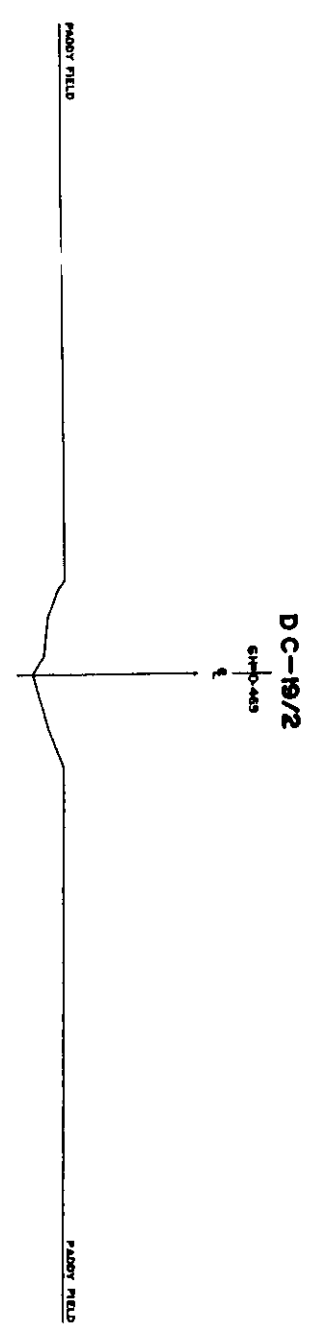
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
LONG SECTION OF CANAL			
DC -19		SCALE	
DWG. NO.	NO. L.39	DATE	JUNE, 1994
JAPAN INTERNATIONAL CO OPERATION AGENCY			

308

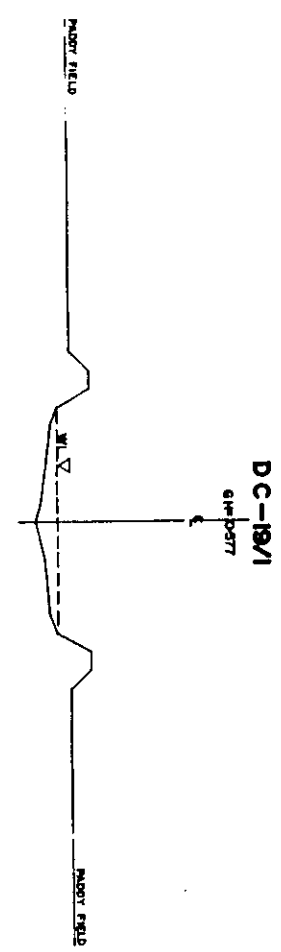
DL: 0.00m



DL: 0.00m



DL: 0.00m

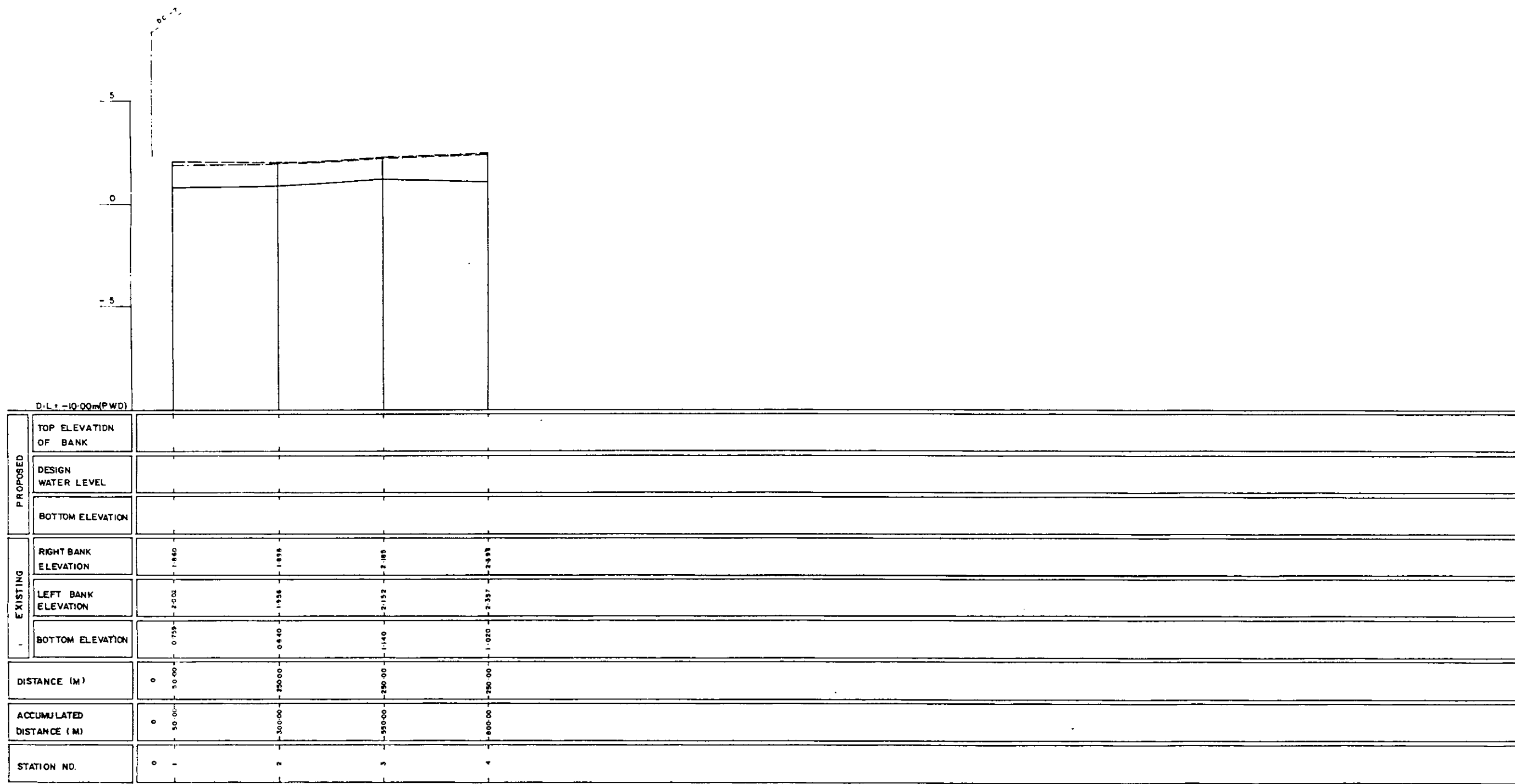


L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC -19	SCALE	1:1,000 1/8"=1'-0"	
DWG. NO.	ISSUED - 4/8	DATE	JUNE-1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

308

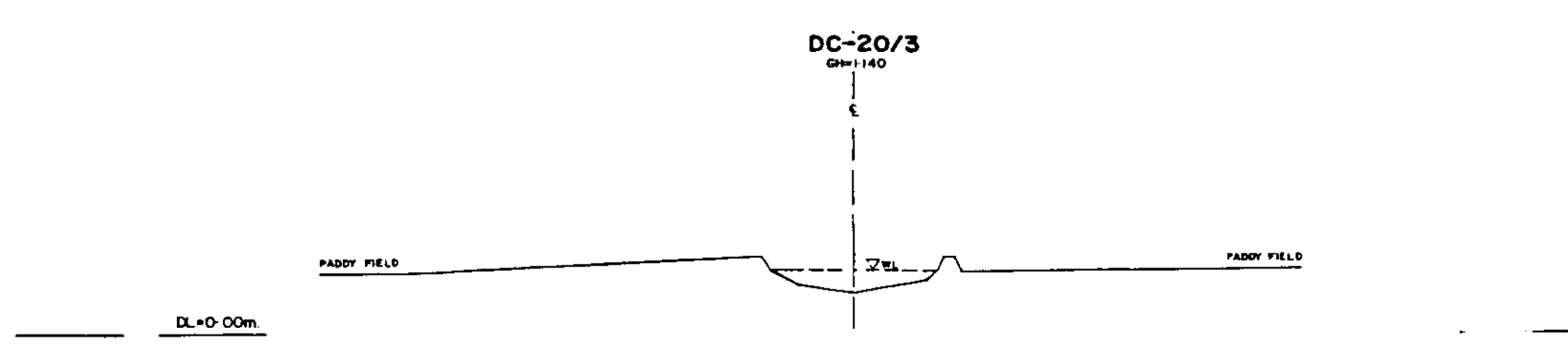
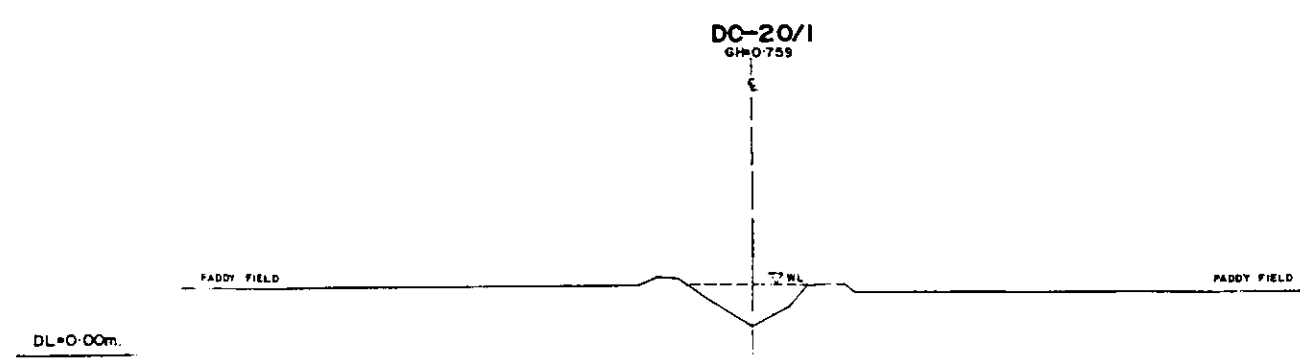
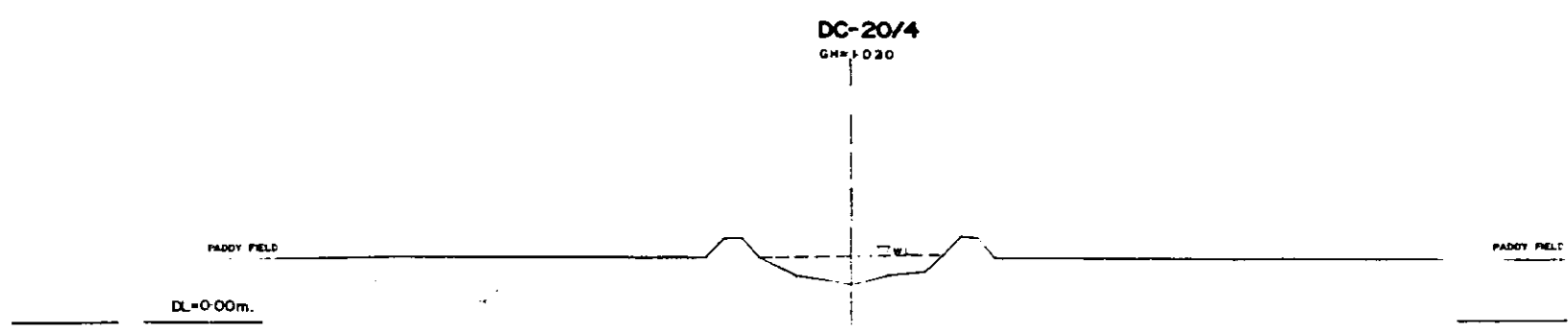
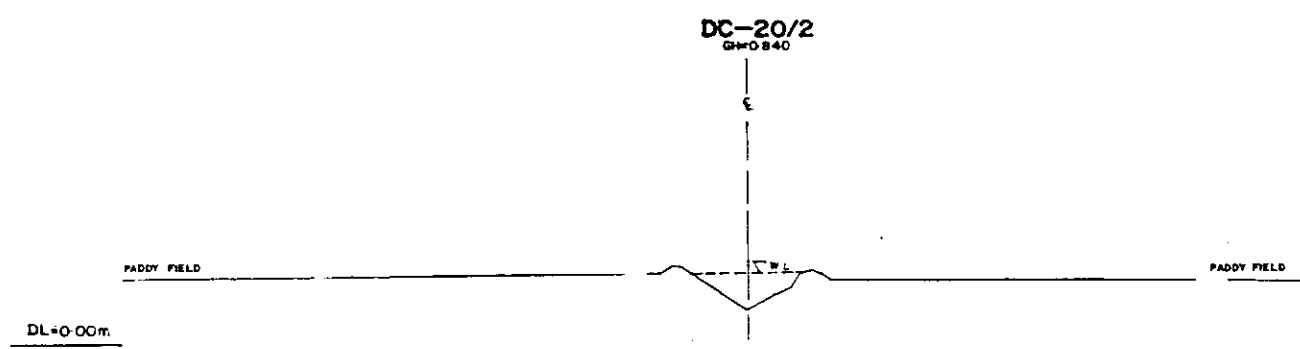
002



LEGEND
EXISTING RIGHT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
X L/R. FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 8A
DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL
DC-20 SCALE 1:1000
DWG NO. KG L4 D DATE JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY

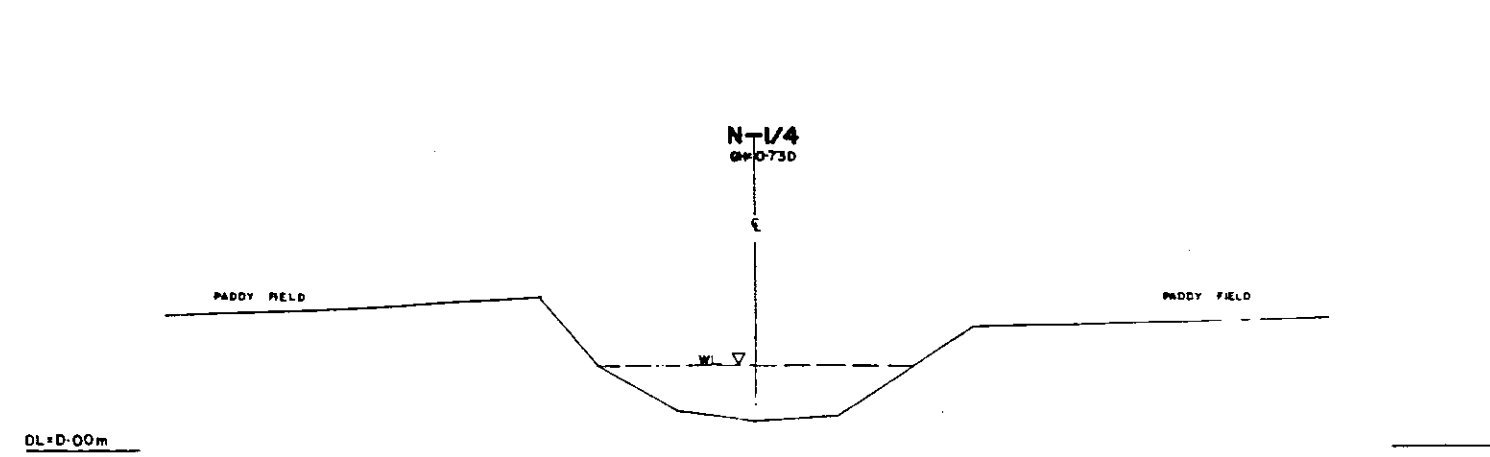
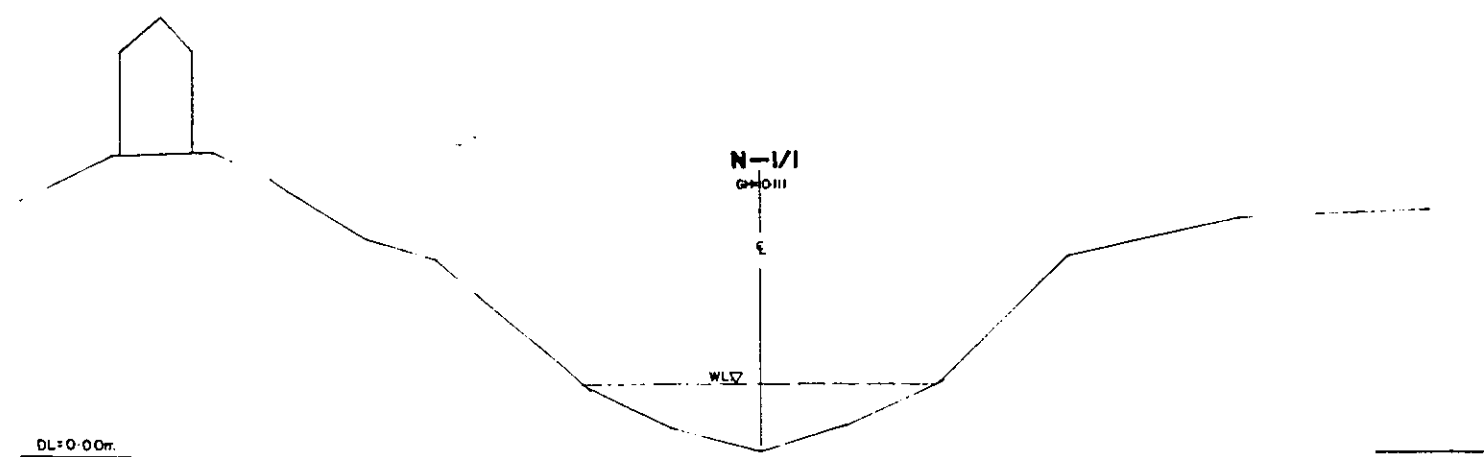
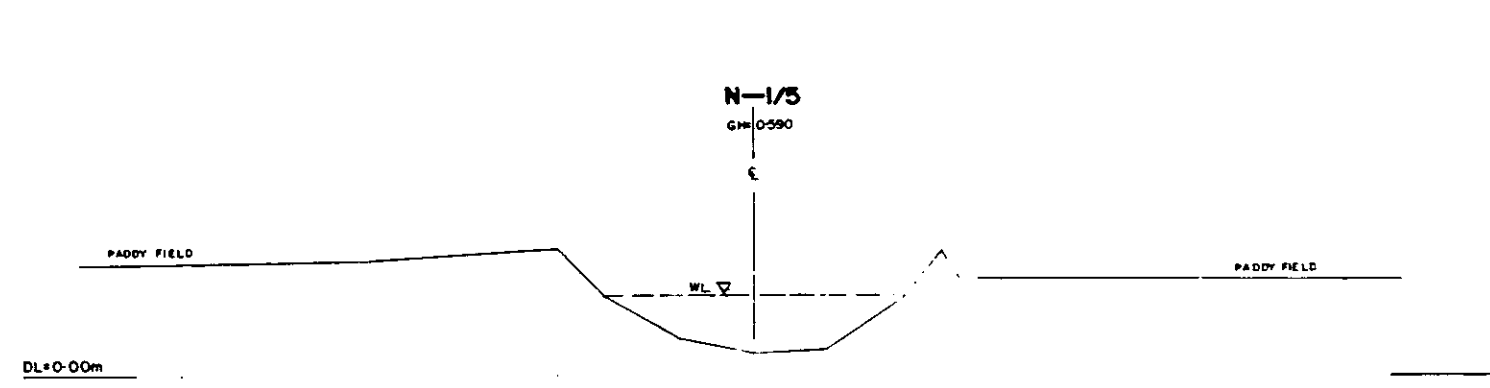
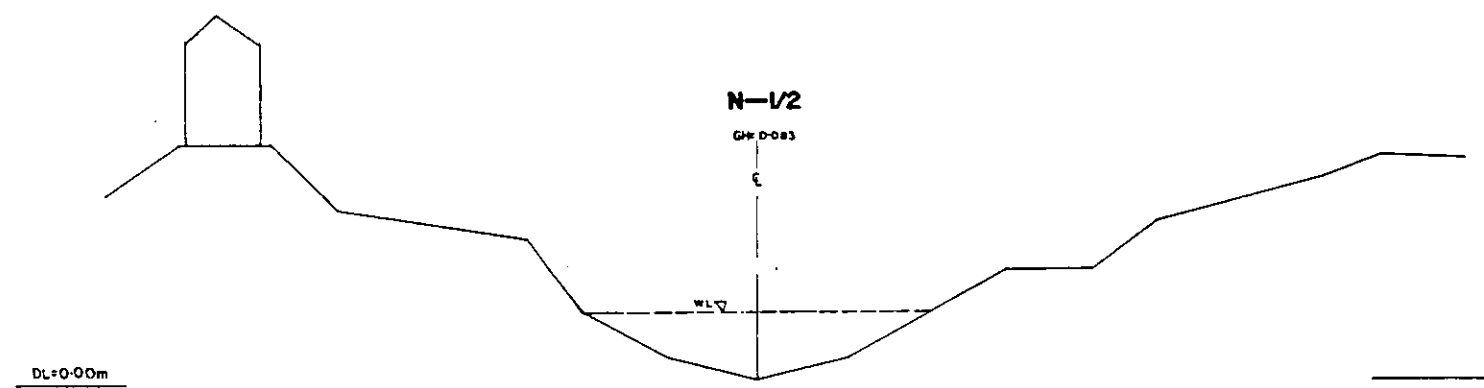
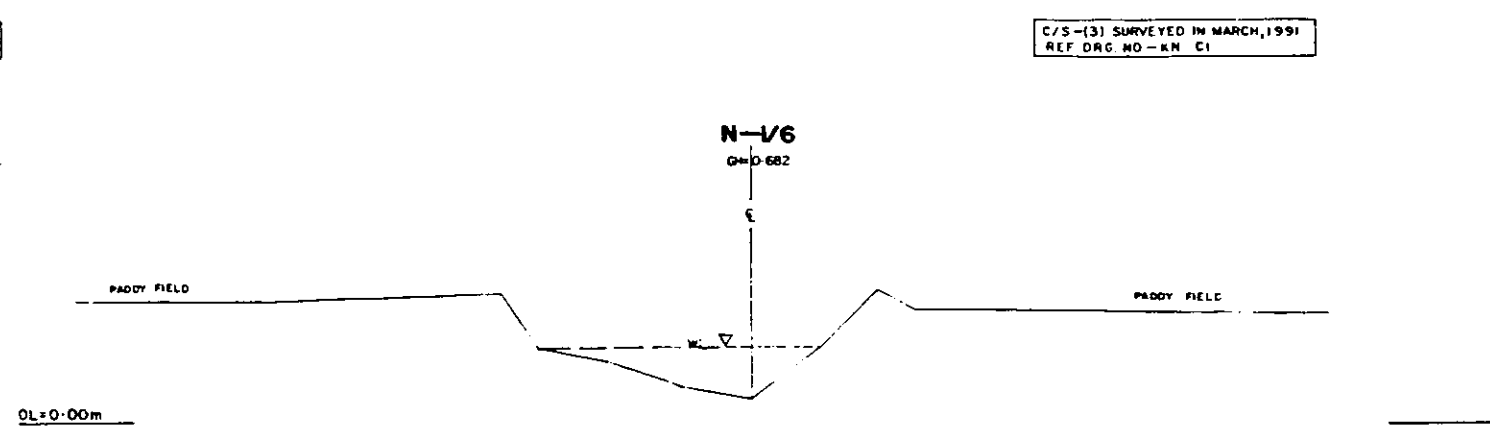
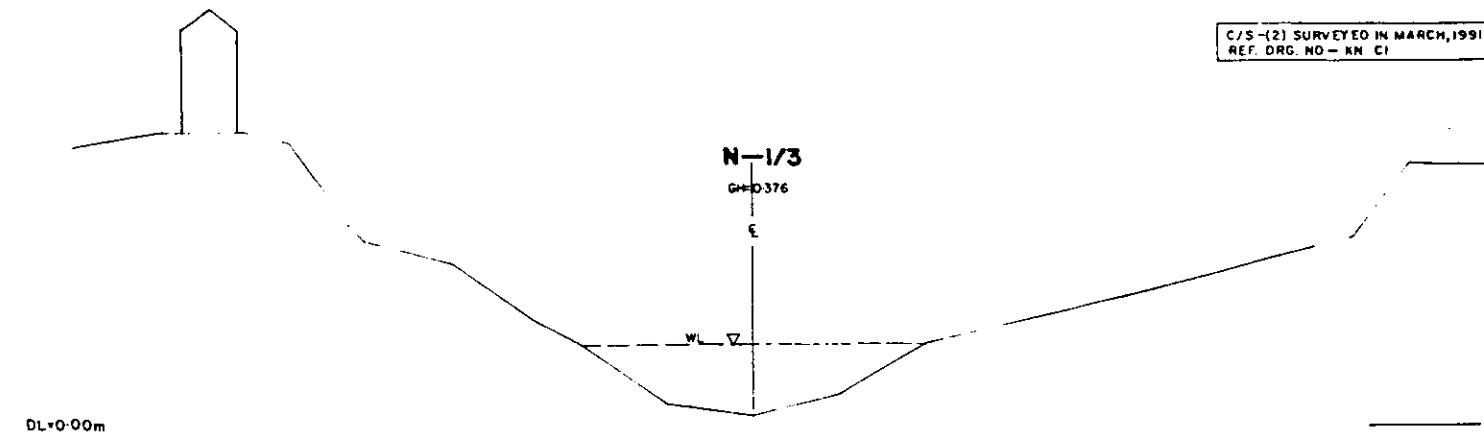
000



• L/R. FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
DC-20	SCALE	H=1:200 V=1:100	
DWG. NO.	KG/C-46	DATE	JUNE-1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

627D

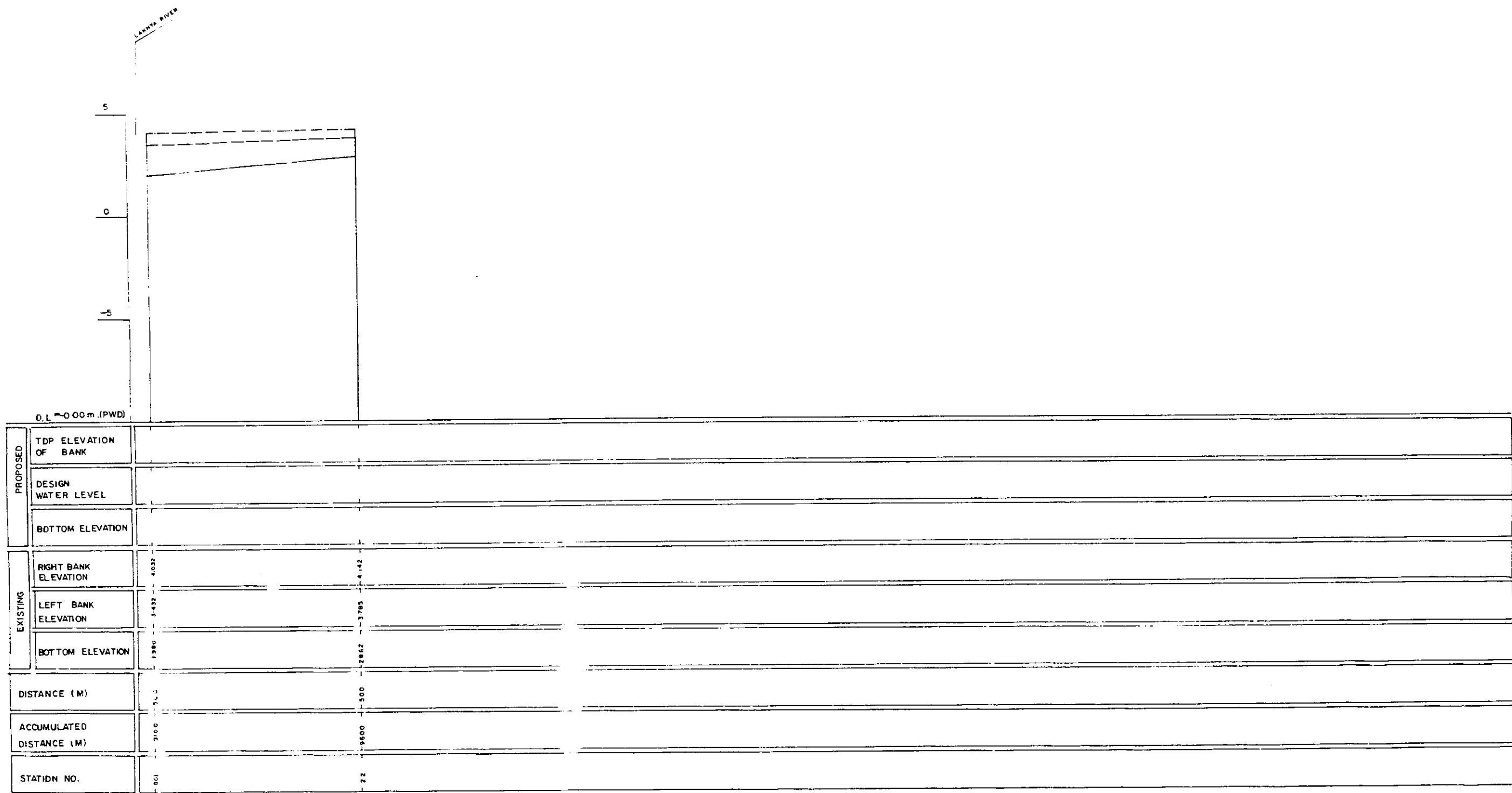


* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-1		SCALE	H=1:200 V=1:100
DWG. NO.	KN CI	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

317

622



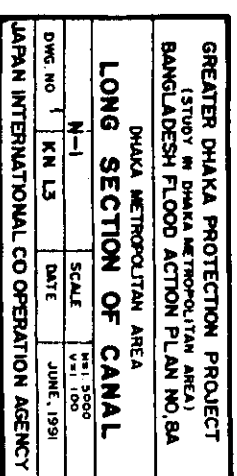
LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO 8A

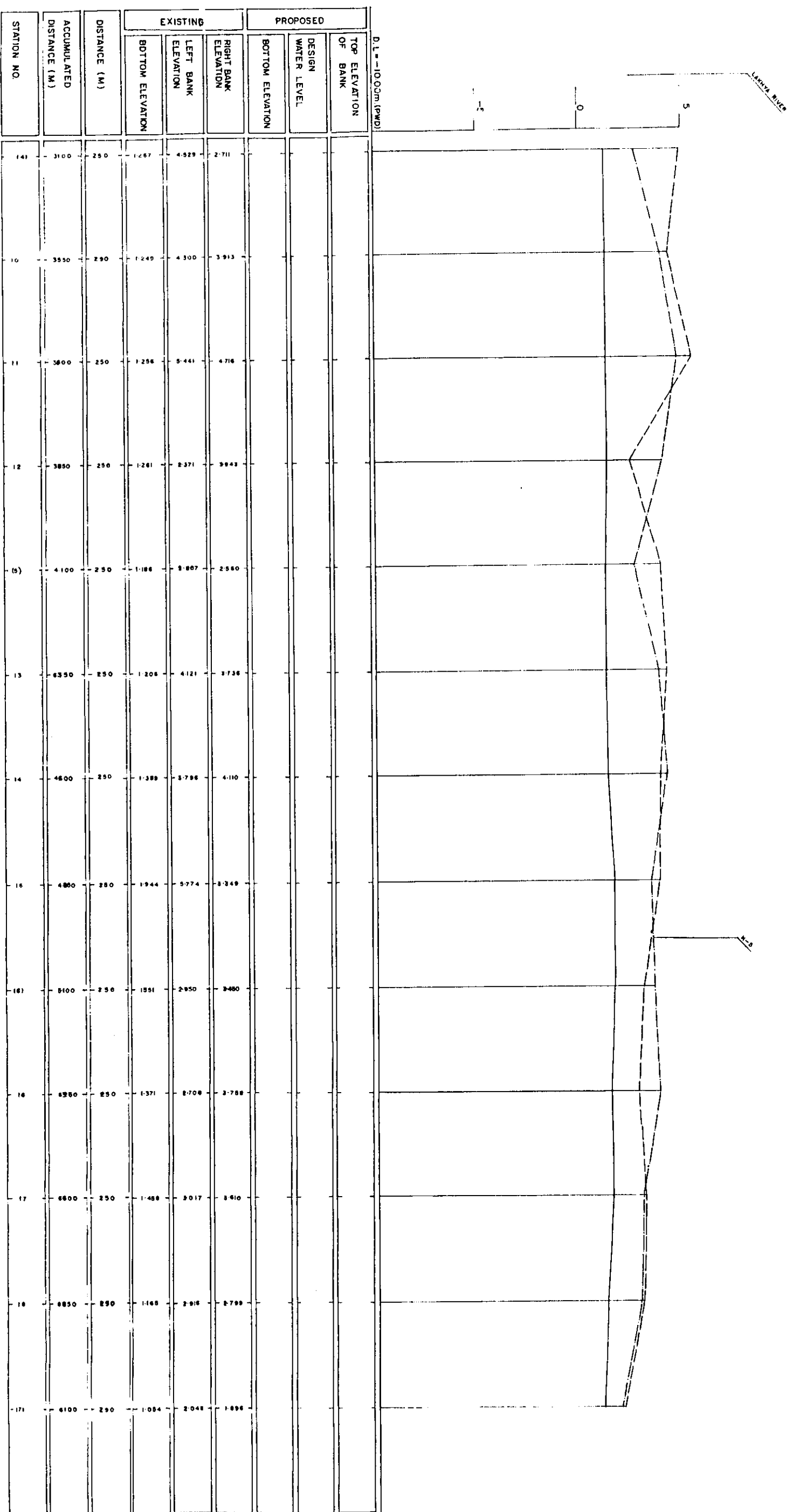
DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

N - 1		SCALE	VERT 5000
DWG. NO	KN L4	DATE	JUNE 1991

JAPAN INTERNATIONAL CO OPERATION AGENCY



209



EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. BA

DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

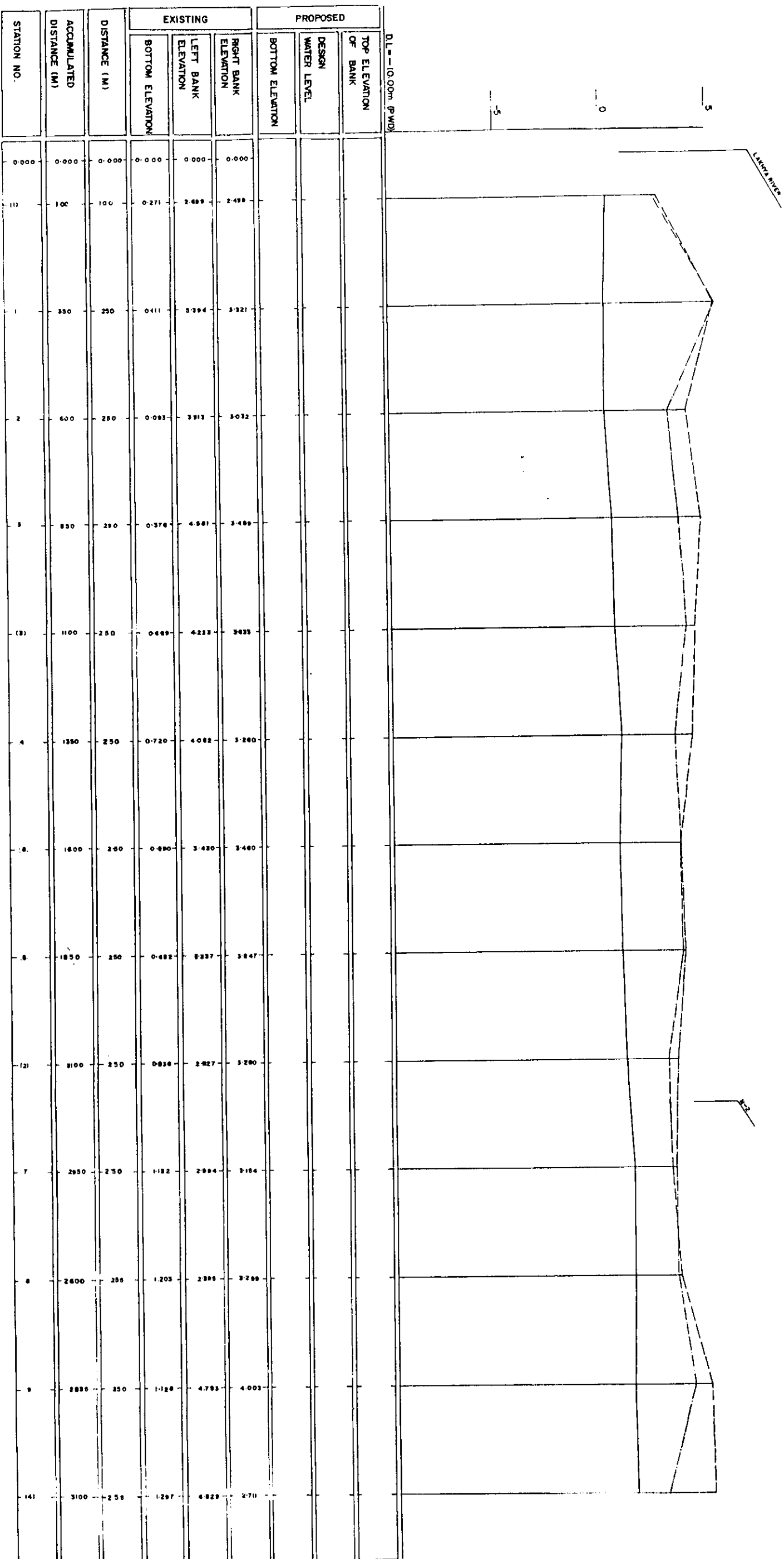
DWG. NO. N-1

SCALE 1:1000

DATE JUNE, 1991

JAPAN INTERNATIONAL CO-OPERATION AGENCY

6009

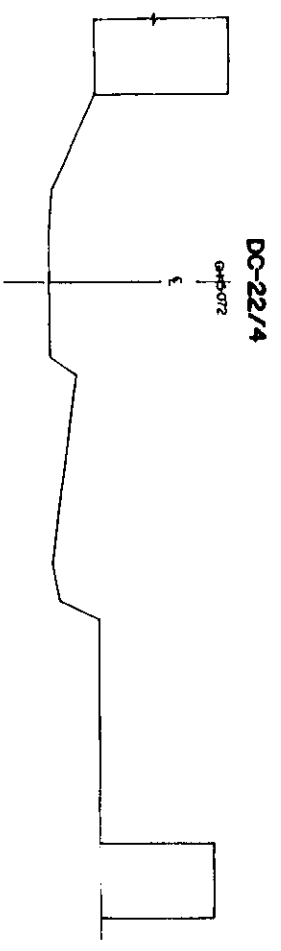


LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM

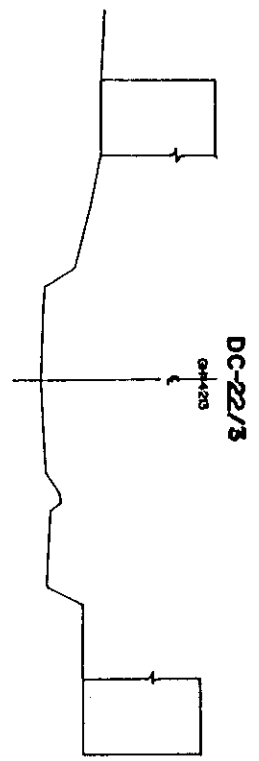
() SURVEYED IN MARCH 1991

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
LONG SECTION OF CANAL			
DWG. NO.	KN 11	SCALE	1:1000
DATE	JUNE 1991		
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

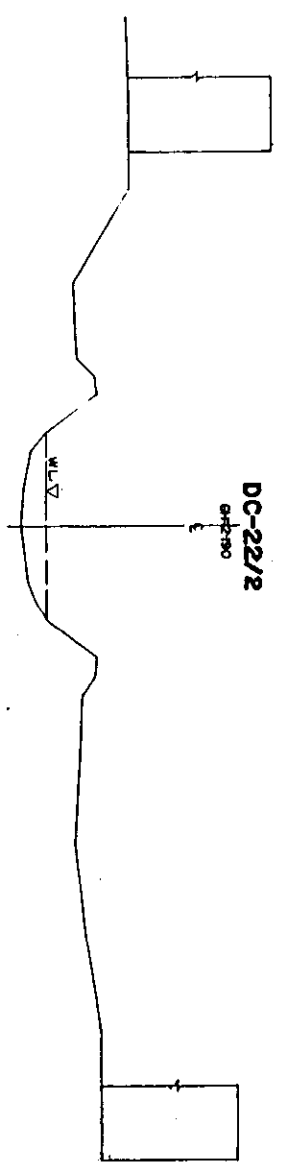
De



DL=0.00m



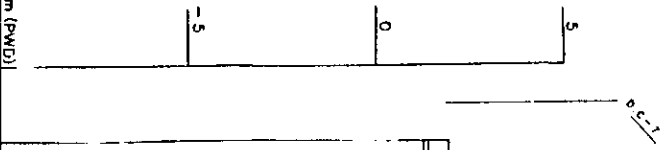
DL=0.00m



DL=0.00m

L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)					
BANGLADESH FLOOD ACTION PLAN NO.8A					
DHAKA METROPOLITAN AREA					
CROSS SECTION OF CANAL					
DC-22	KG/C-48	SCALE	H=1:200	V=1:100	
DWG. NO.	DATE	SCALE	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO-OPERATION AGENCY					



D.E. = -10.00 m (P.W.D.)		EXISTING				PROPOSED		
STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	BOTTOM ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	BOTTOM ELEVATION	DESIGN WATER LEVEL	TOP ELEVATION OF BANK
1	0	0	1.282	1.553	1.408			
2	50	500	1.072	1.280	1.440			
3	100	500	1.067	1.304	1.404			
4	150	500	0.828	2.029	2.210			
5	200	500	0.879	1.931	1.976			

LEGEND
EXISTING LEFT GROUND LINE -----
EXISTING RIGHT GROUND LINE -----
EXISTING BOTTOM LINE -----
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
STUDY IN DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO.8A

DHAKA METROPOLITAN AREA

LONG SECTION OF CANAL

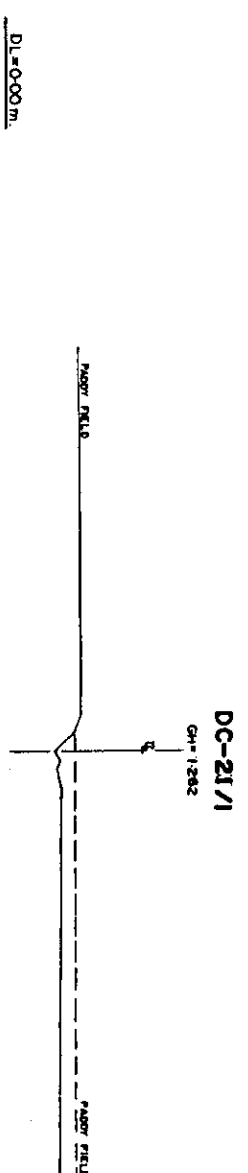
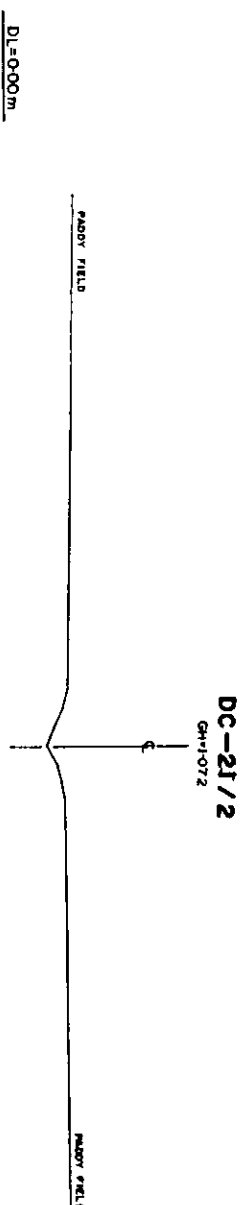
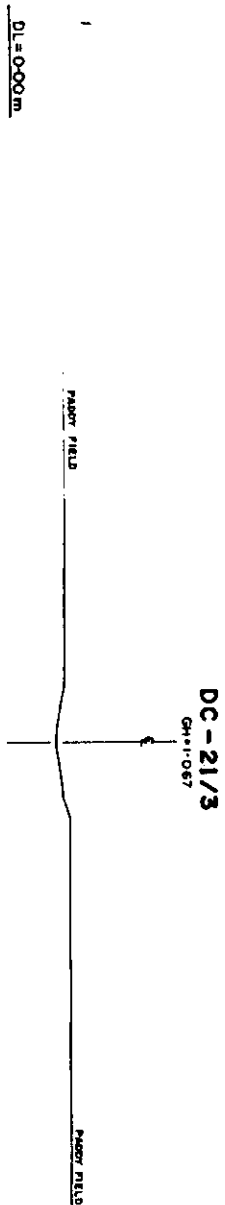
DWG NO. D.C.-21

SCALE H=1:5000
V=1:500

DATE JUNE, 1991

JAPAN INTERNATIONAL COOPERATION AGENCY

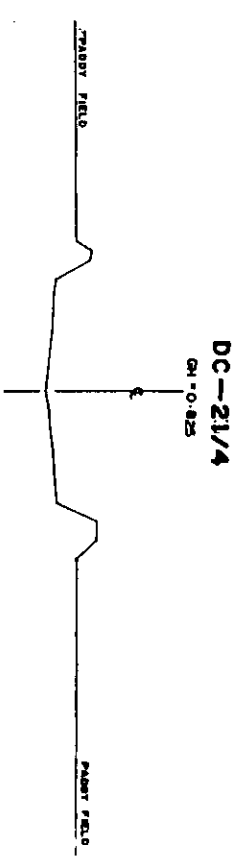
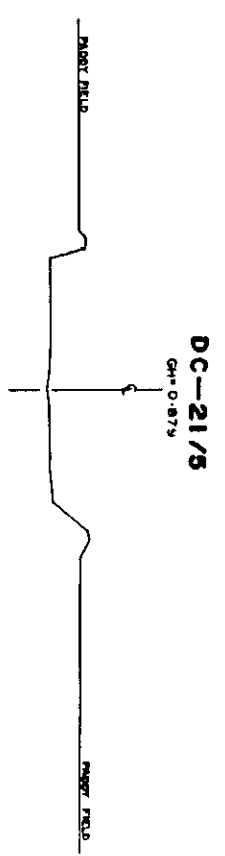
002



DL=0+000m

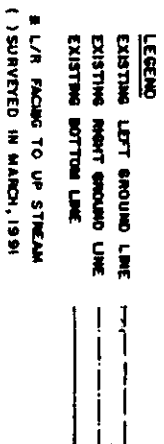
DL=0+000m

DL=0+000m



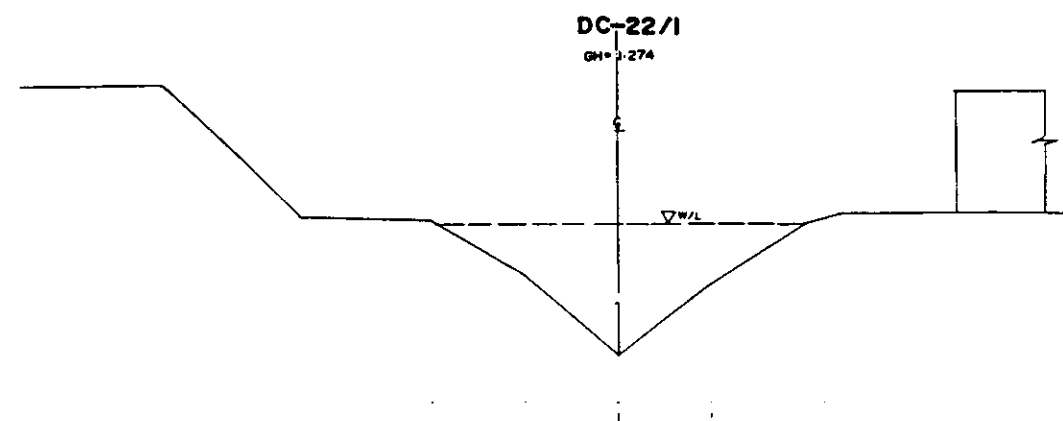
→ L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DWG. NO.	KS C-47	SCALE	N=1:200
DATE	JUNE, 1994		
JAPAN INTERNATIONAL CO-OPERATION AGENCY			



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.84			
DHAKA METROPOLITAN AREA			
FLOOD SECTION OF CANAL			
-	DC - 22	SCALE	N 1:11,300 V 1:11,300
DWG NO	K8 L42	DATE	JUNE 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

22



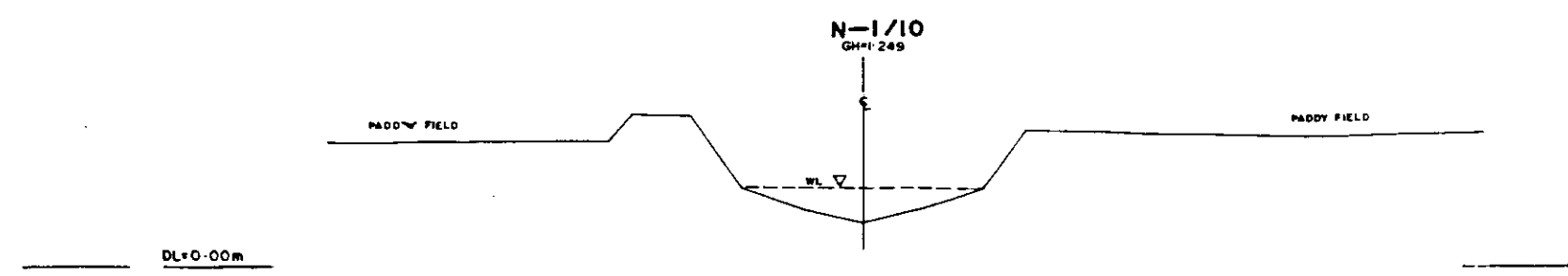
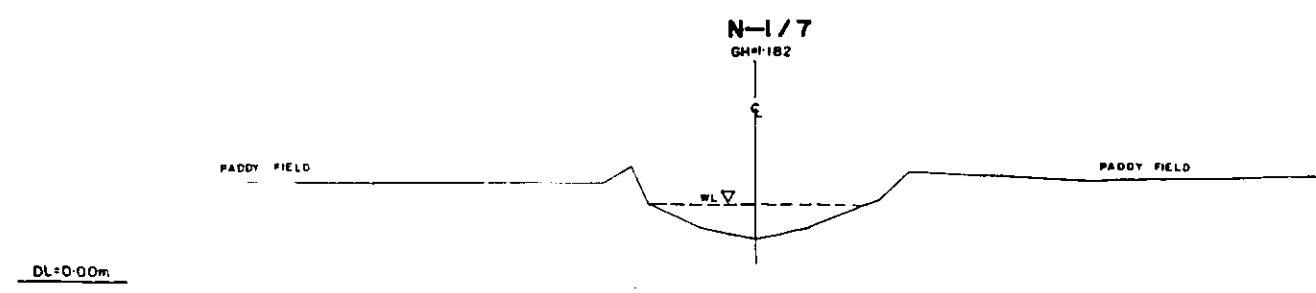
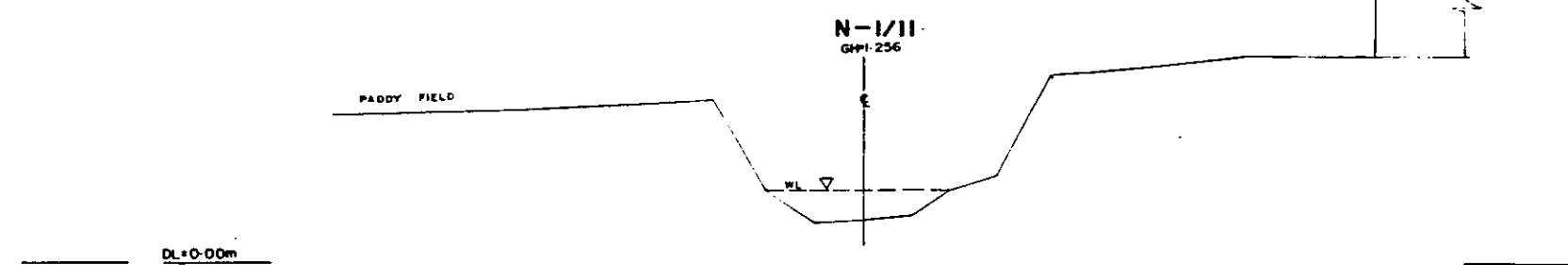
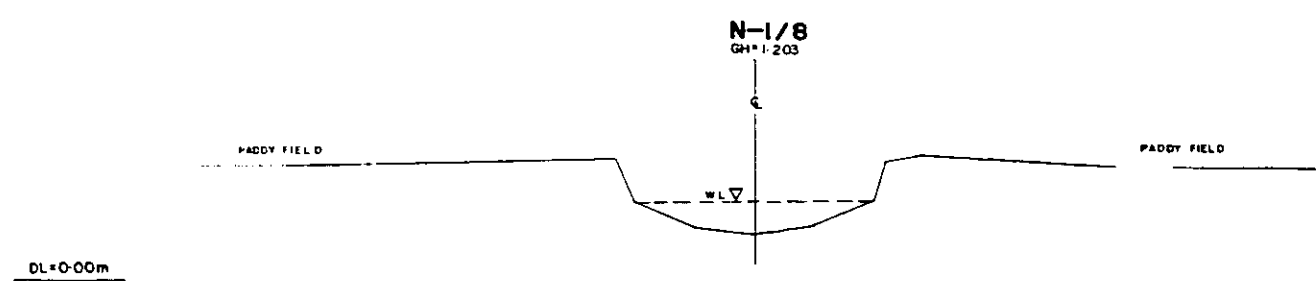
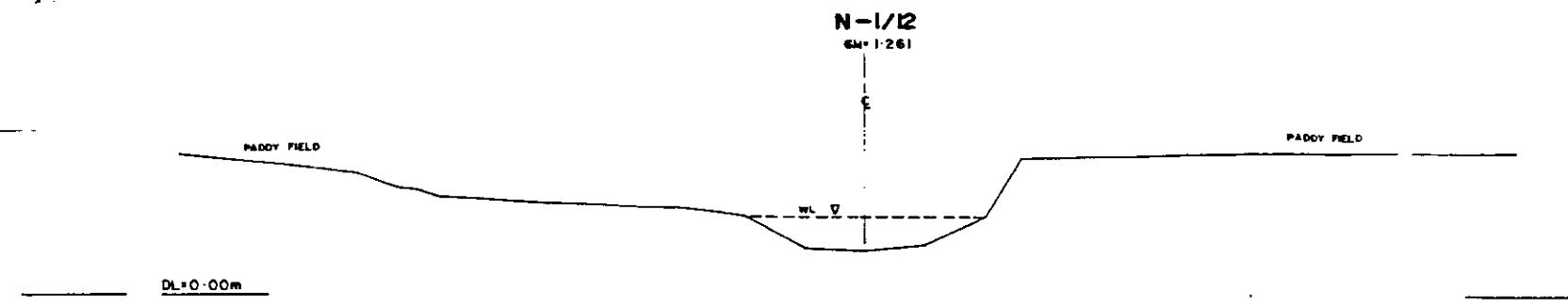
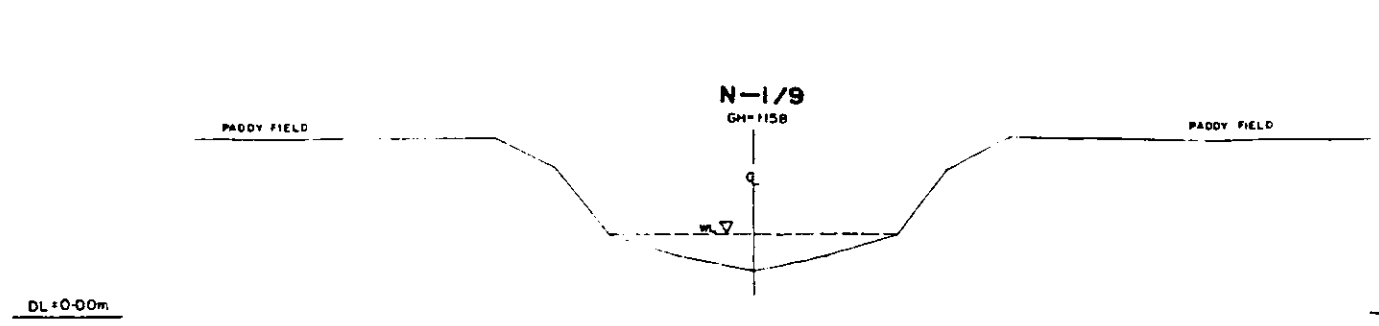
DL=0.00m

* L/R FROM TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DC-22		SCALE	H=1:200 V=1:100
DWG. NO.	K6 C 48	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

C/S - (4) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C2

C/S - (5) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C2

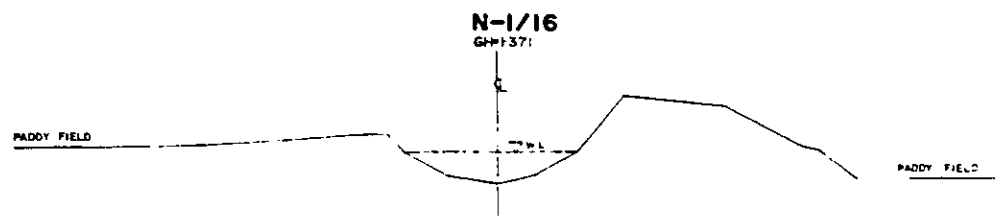
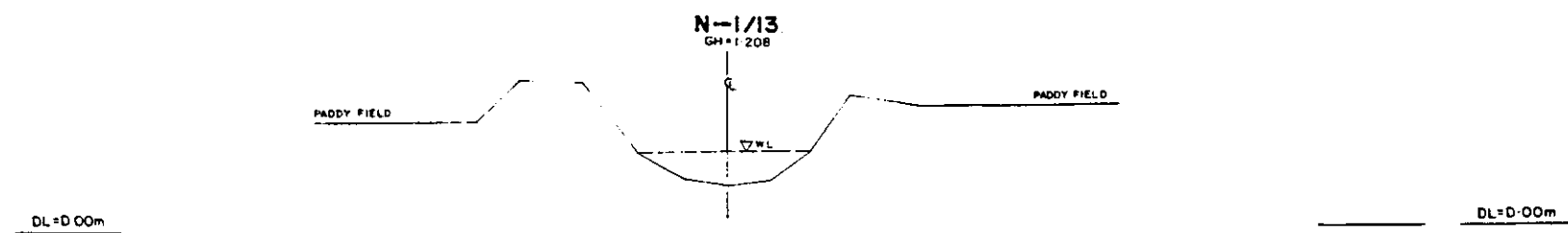
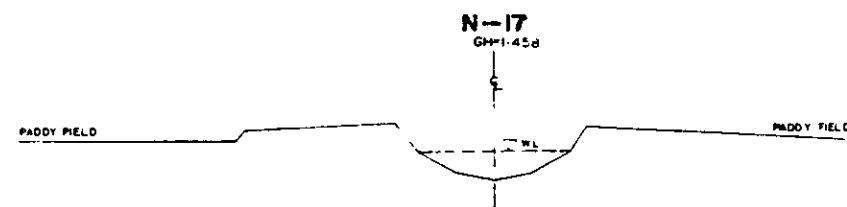
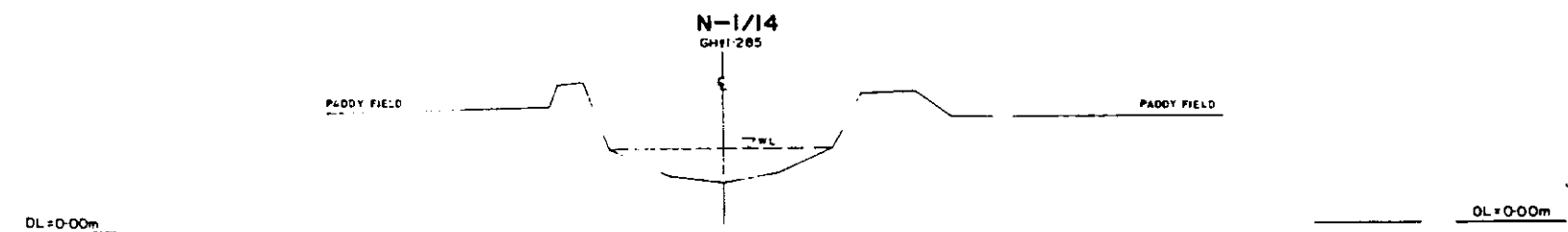
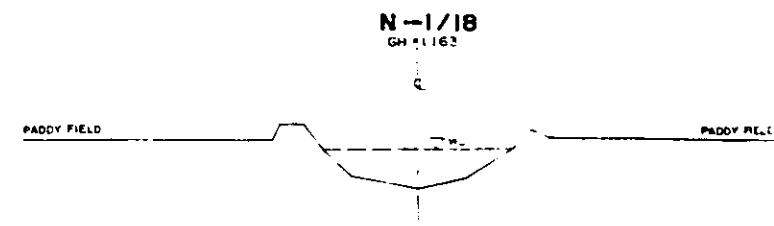
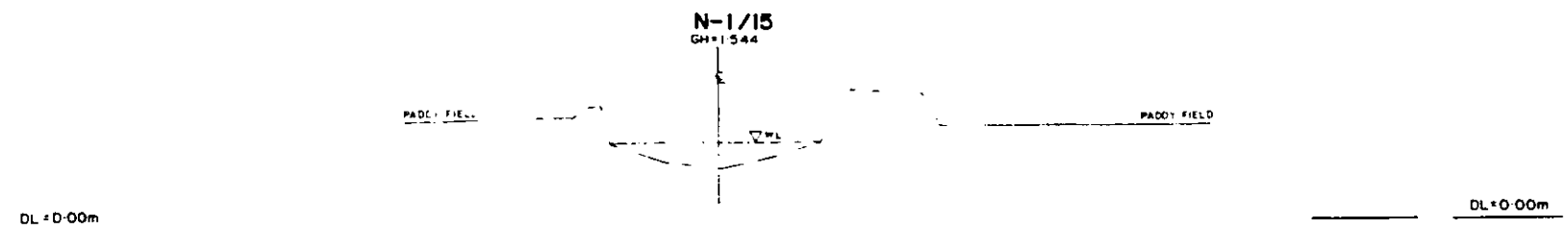


* L/R. FACING TO UP STREAM.

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
N - 1	SCALE	H=1:200 V=1:100	
DWG. NO.	KN C2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S-16) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C2

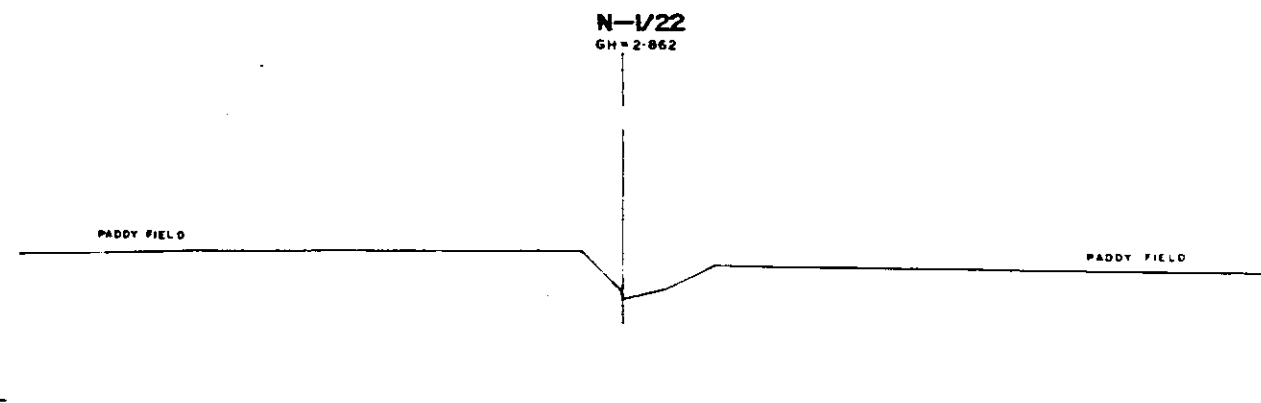
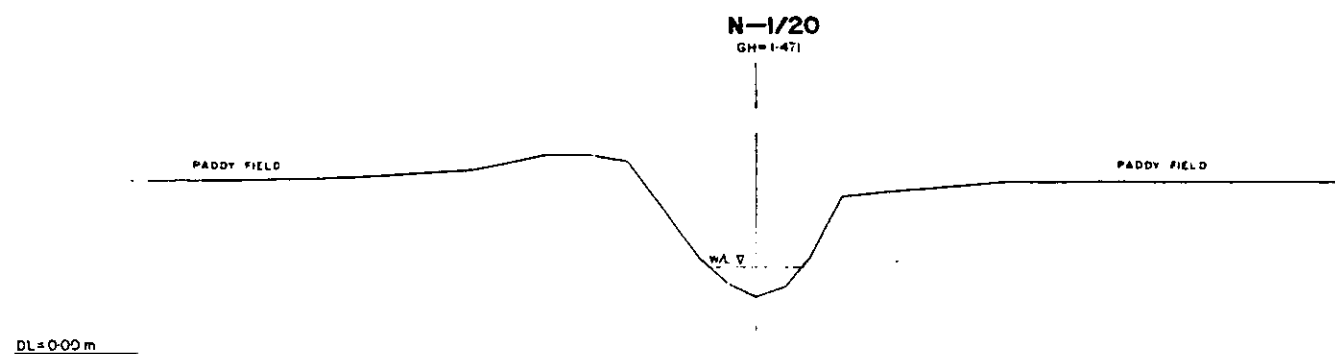
C/S-17) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C3



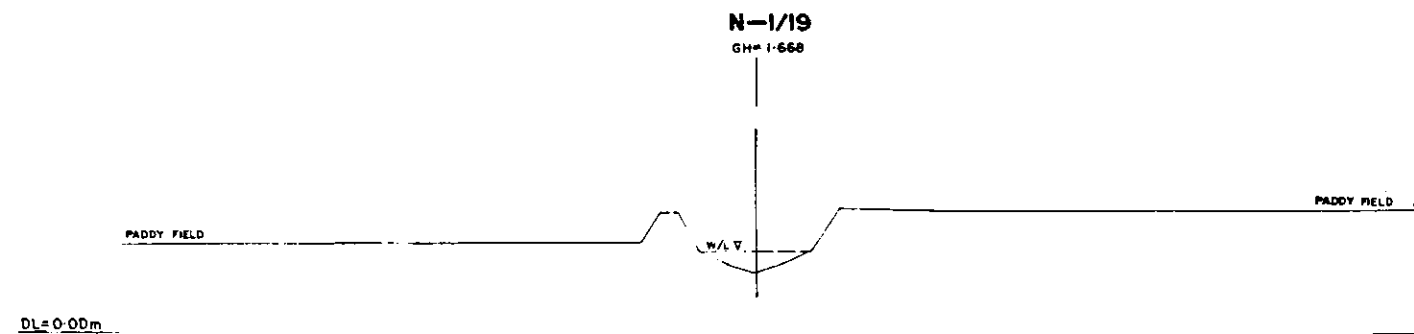
* L/R FACING TO UP STREAM.

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
N-1	SCALE	W=1.000 V=1.000	
DWG. NO.	KN C3	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

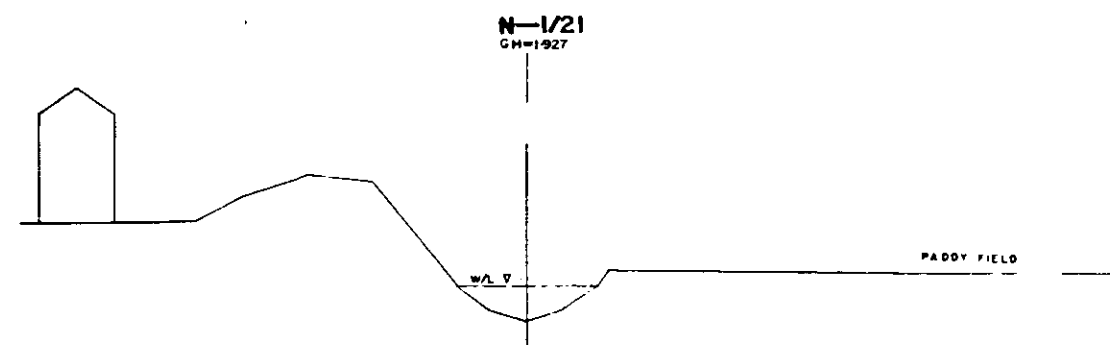
C/S-(9) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C4



C/S-(8) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C3



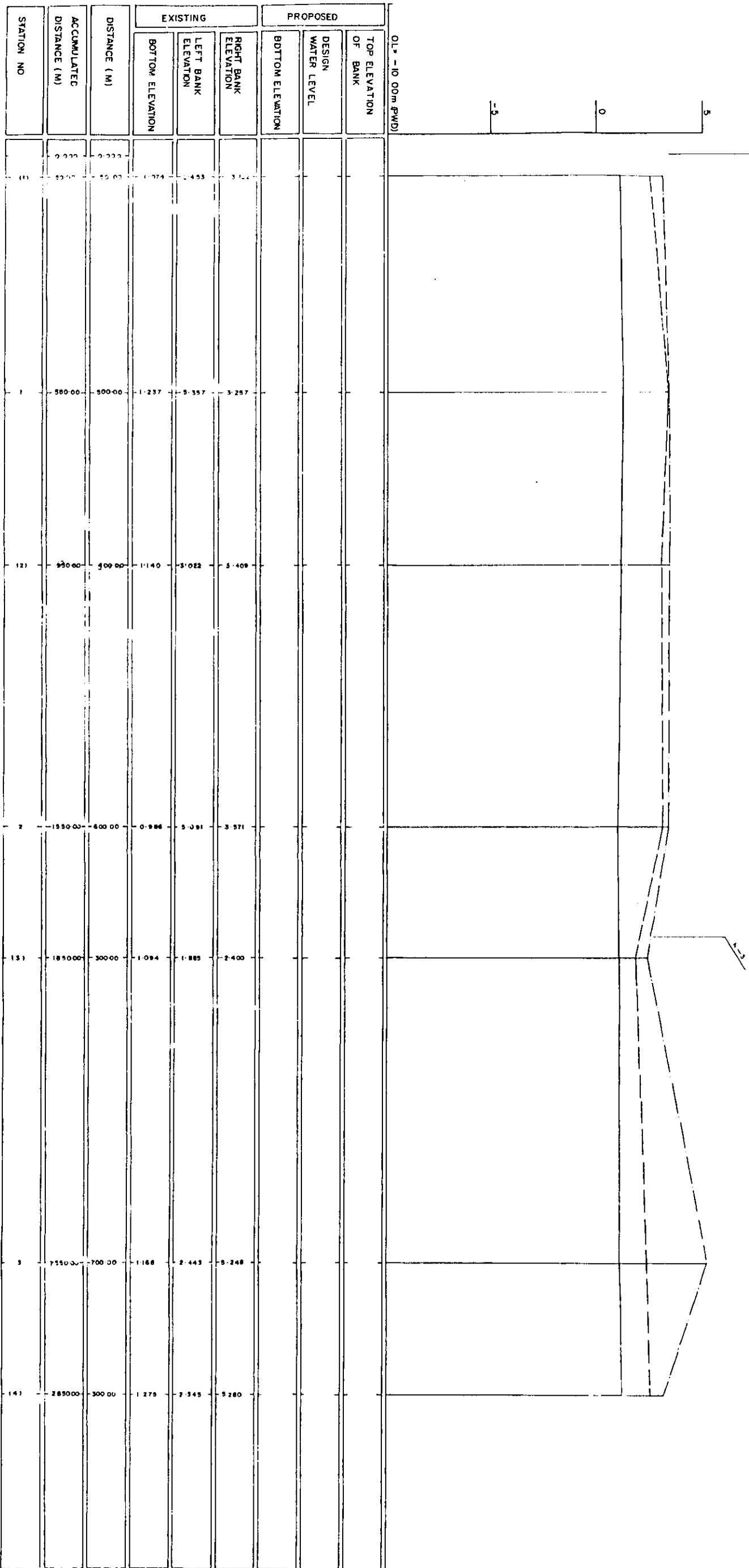
C/S-(10) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C4



* L/R. FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.BA			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-1	SCALE	H=1:200	V=1:100
DWG. NO.	KN C4	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

1028



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
*L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

LEGEND

EXISTING LEFT GROUND LINE

EXISTING RIGHT GROUND LINE

EXISTING BOTTOM LINE

* L/R FACING TO UP STREAM

() SURVEYED IN MARCH, 1991

LEGEND

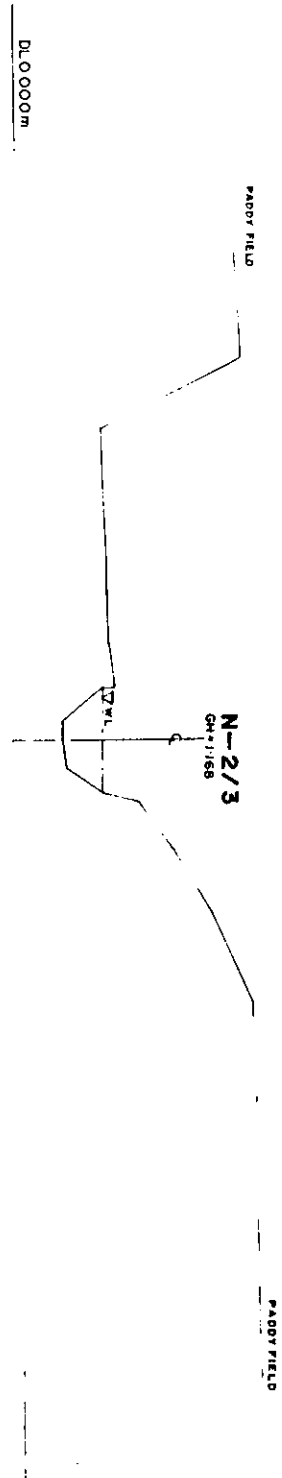
EXISTING	LEFT GROUND LINE	---
EXISTING	RIGHT GROUND LINE	---
EXISTING	BOTTOM LINE	---

* L/R FACING TO UP STREAM

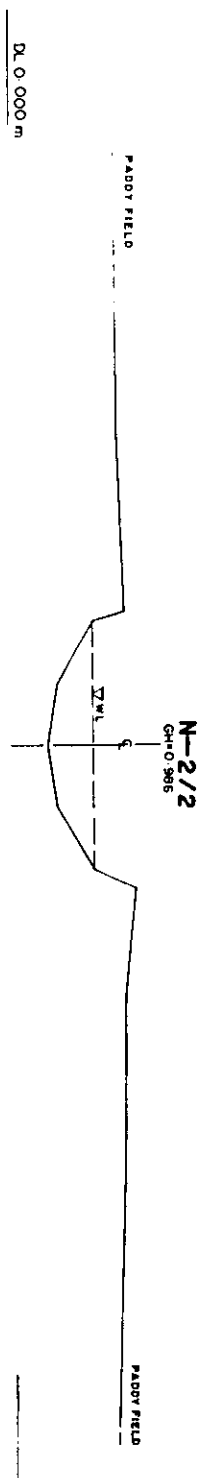
() SURVEYED IN MARCH, 1991

227

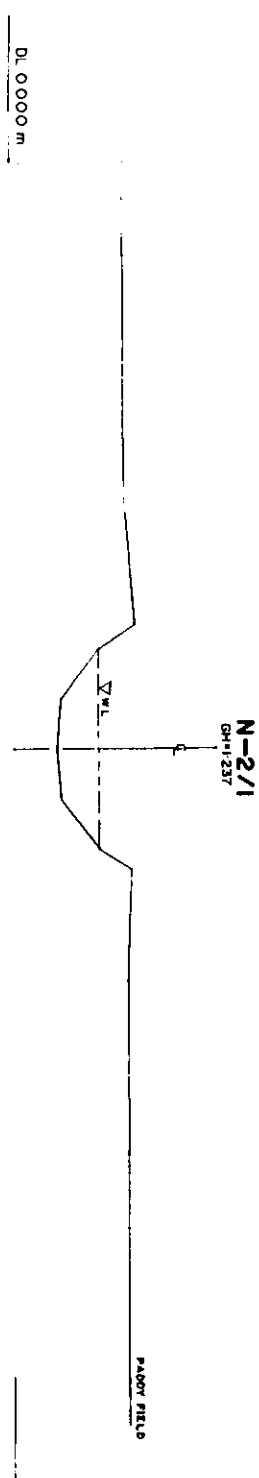
C/S-(6) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C6



C/S-(13) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C3

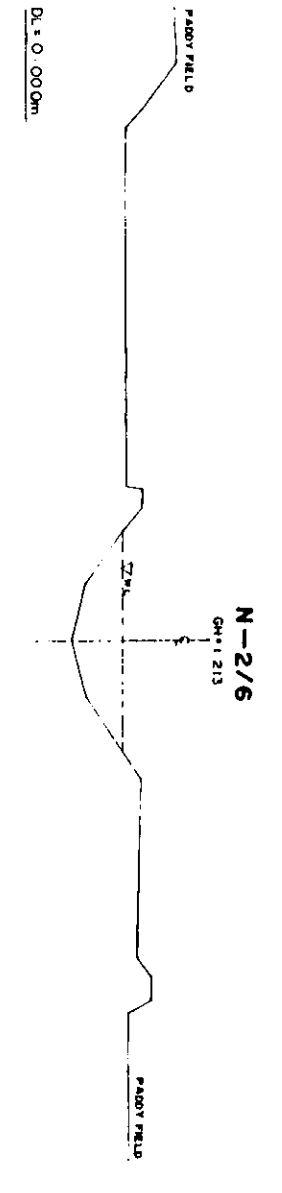


C/S-(12) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C3

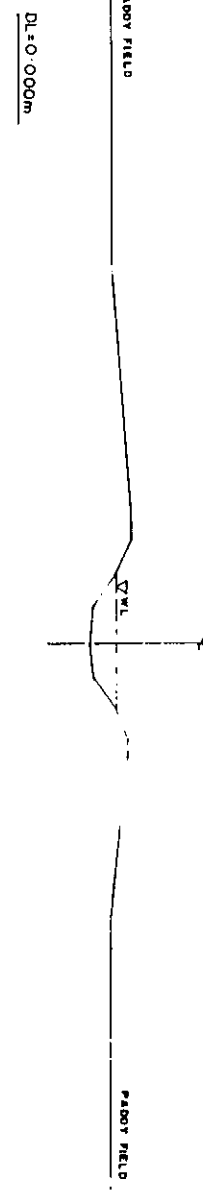


C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C3

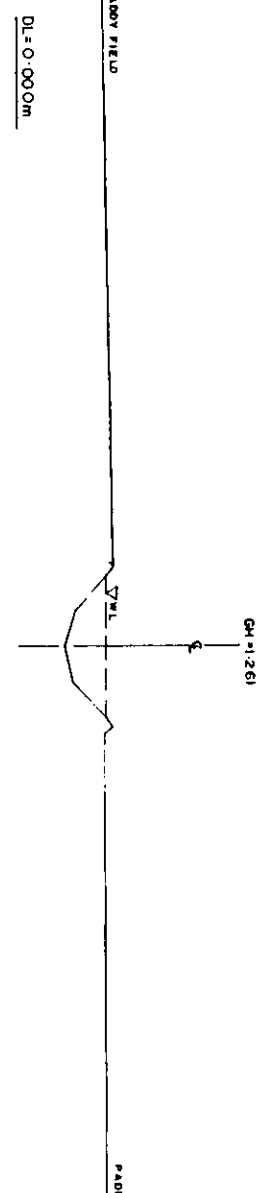
C/S-(17) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C7



C/S-(6) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C6



C/S-(6) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C6

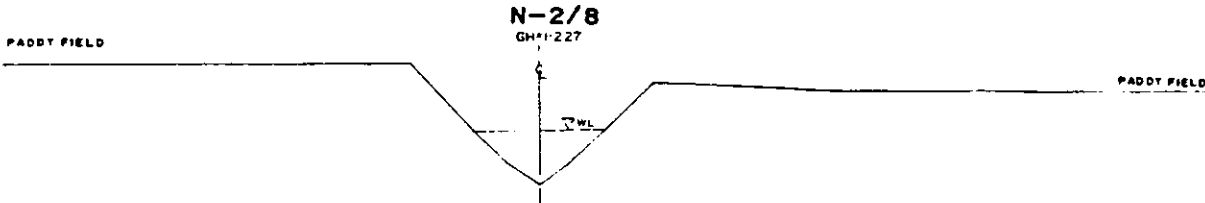


* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA I			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DWG. NO.	KN C3	SCALE	1:1200
DATE	JUNE, 1991		
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

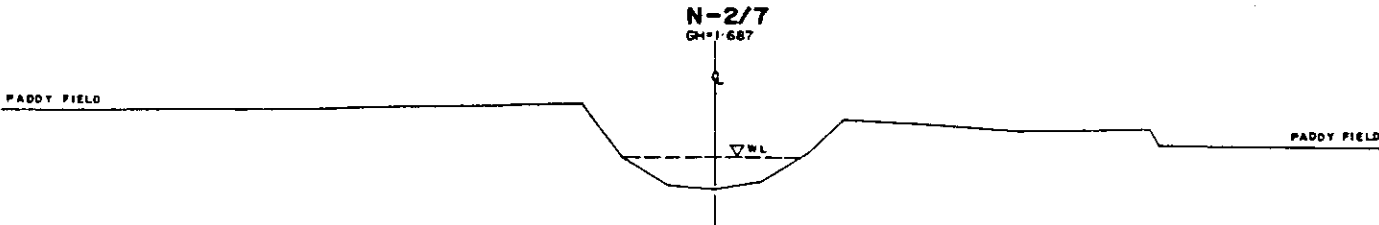
024

C/S-(9) SURVEYED IN MARCH, 1991
REF. ORG. NO - KN C 7



DLO 000m

C/S-(8) SURVEYED IN MARCH, 1991
REF. ORG. NO - KN C 7



DLO 000m

* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-2		SCALE	H=1:200 V=1:100
DWG. NO.	KN C 6	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

D. L. = 10.00 m (PWD)									
<div><div>5</div><div>0</div><div>-5</div></div>									
STATION NO.	PROPOSED								
	TOP ELEVATION OF BANK								
	DESIGN WATER LEVEL								
	BOTTOM ELEVATION								
EXISTING									
RIGHT BANK ELEVATION									
LEFT BANK ELEVATION									
BOTTOM ELEVATION									
DISTANCE (M)	0	50	100	150	200	250	300	350	400
ACCUMULATED DISTANCE (M)	0	50	100	150	200	250	300	350	400
STATION NO.	1	2	3	4	5	6	7	8	9

LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO 8A

OHAKA METROPOLITAN AREA

LONG SECTION OF CANAL

DWG. NO. N-3

KN L.B.

DATE

SCALE 1:1000

JUNE, 1991

JAPAN INTERNATIONAL CO OPERATION AGENCY

5

0

-5

D.L. = +10.00m (P.W.D.)

PROPOSED	TOP ELEVATION OF BANK	
	DESIGN WATER LEVEL	
	BOTTOM ELEVATION	
EXISTING	RIGHT BANK ELEVATION	3.357
	LEFT BANK ELEVATION	3.347
	BOTTOM ELEVATION	2.362
DISTANCE (M)		500
ACCUMULATED DISTANCE (M)		3050
STATION NO.		4

		5
		3550
		800
		2.322
		3.329
		3.427

LEGEND

EXISTING LEFT GROUND LINE - - - - -

EXISTING RIGHT GROUND LINE - - - - -

EXISTING BOTTOM LINE - - - - -

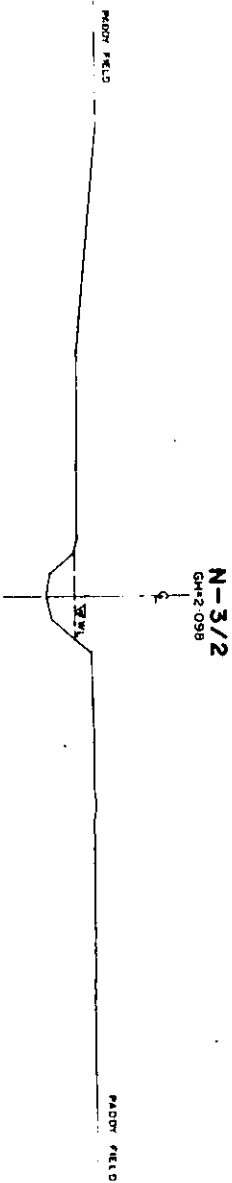
* L/R FACING TO UP STREAM

() SURVEYED IN MARCH 1991

690

C/S-(3) SURVEYED IN MARCH, 1991
REF. DRG. NO-KM C8

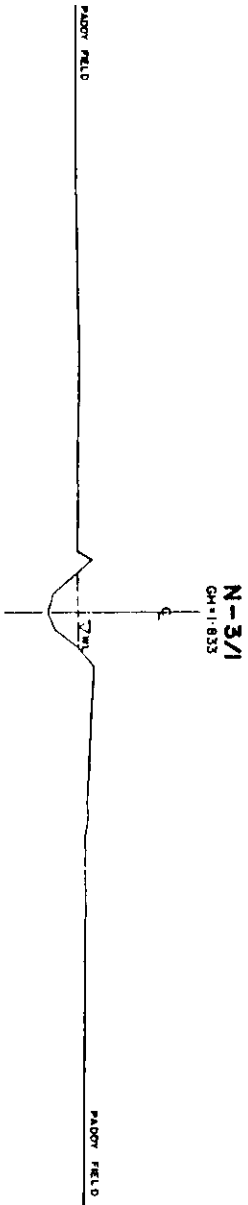
DL=0.00m



DL=0.00m

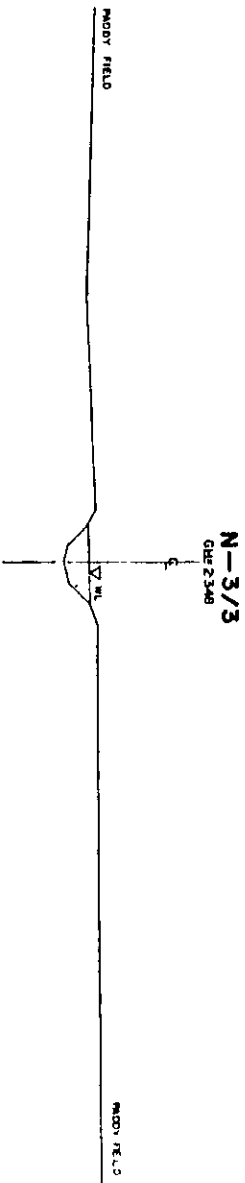
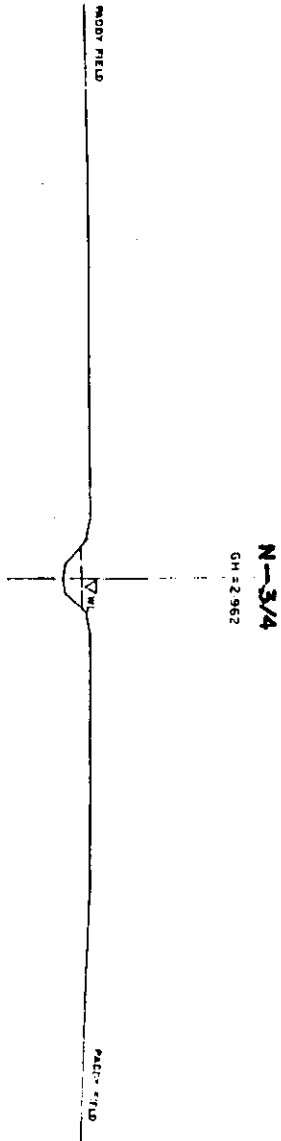
C/S(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KM C8

DL=0.00m



DL=0.00m

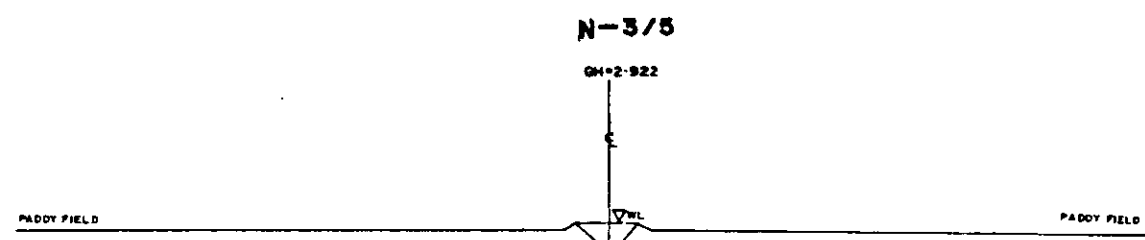
C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KM C8



* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-3	KN C7	SCALE	1:1,200
DWG. NO.	KN C7	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

202



DL = 0.000m

DL/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-3		SCALE	H=1:200 V=1:100
DWG NO.	KN C8	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			BOTTOM ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	BOTTOM ELEVATION	DESIGN WATER LEVEL	TOP ELEVATION OF BANK
	0.00	0.00						
111	50	50	1.694	2.436	2.737			
1	950	1000	2.172	3.592	3.072			
121	1080	900	2.412	3.297	3.437			
2	1950	800	2.181	3.593	2.885			
131	2050	900	2.087	3.639	3.446			
3	2950	900	2.421	4.671	4.608			
141	3050	900	2.021	3.232	2.418			

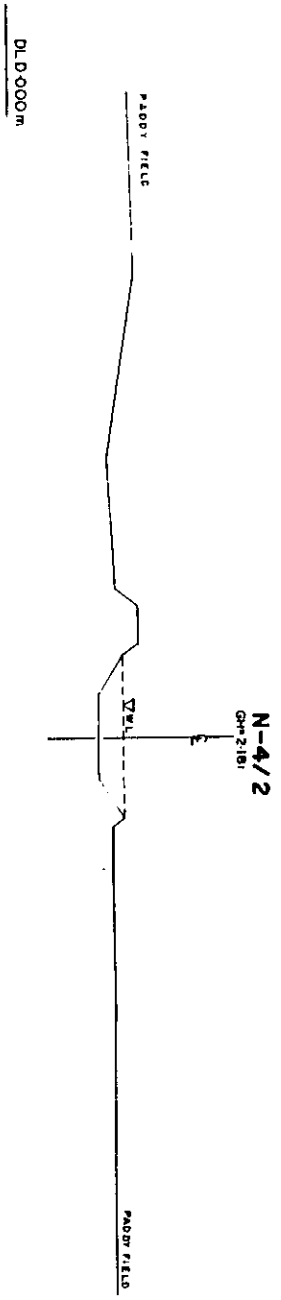
D.L. = -10.00m (P.W.)

	PROPOSED		EXISTING	
	TOP ELEVATION OF BANK	DESIGN WATER LEVEL	RIGHT BANK ELEVATION	LEFT BANK ELEVATION
DISTANCE (M)	0+00	0+50	2.415	2.487
ACCUMULATED DISTANCE (M)	0+00	0+50	2.415	2.487
STATION NO.	141	142	141	142

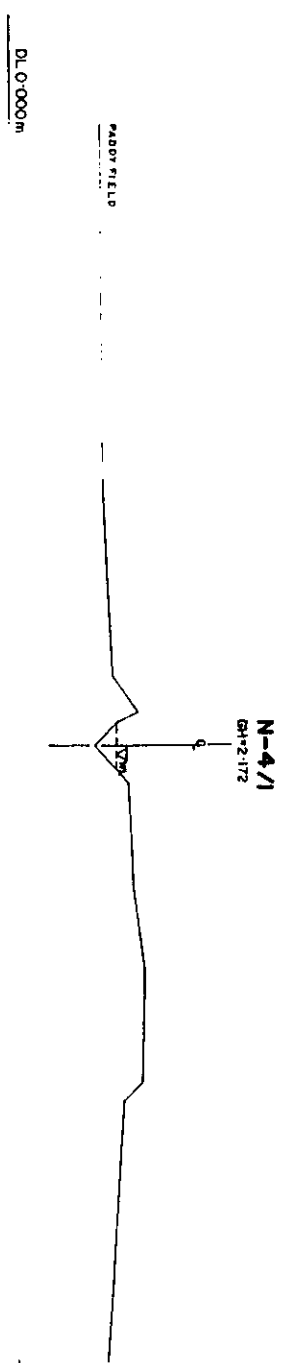
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.BA			
DHAKA METROPOLITAN AREA LONG SECTION OF CANAL			
N-4		SCALE	1:1000 V.I: 100
DWG. NO.	KTN L.II	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

09 09 22

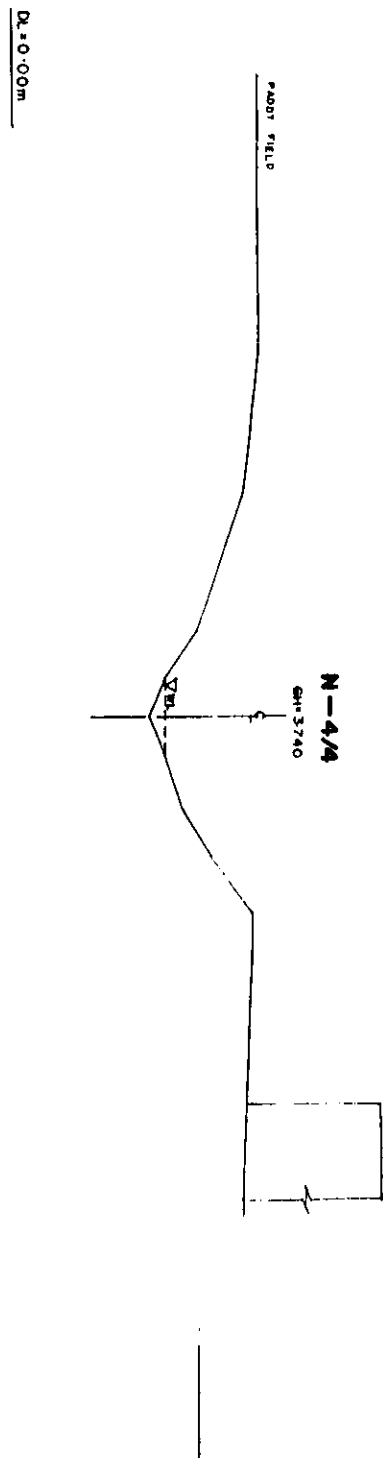
C/S - (3) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C/D



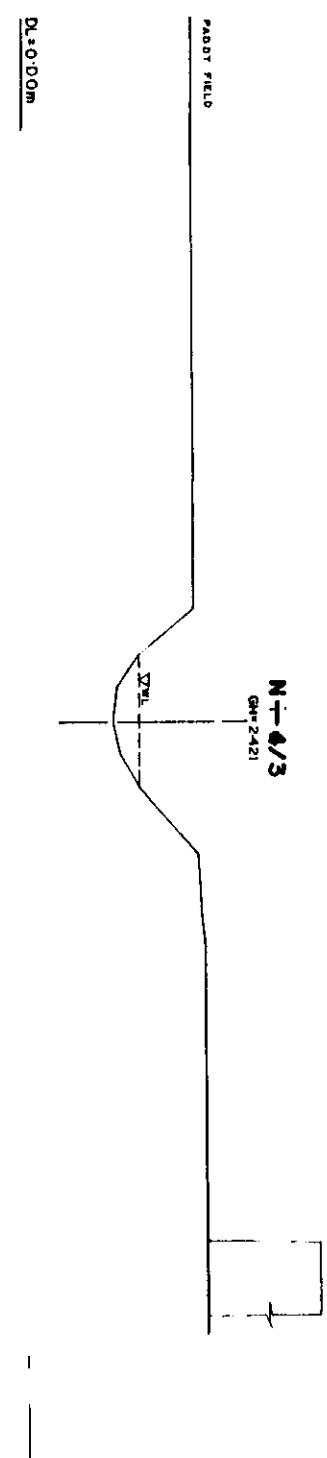
C/S - (2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C/D



C/S - (1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C/D



C/S - (4) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C/D



• L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
N-4	SCALE	1:1000	
DRG. NO.	KN C/D	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

LEGEND
EXISTING LEFT GROUND LINE - - - - -
EXISTING RIGHT GROUND LINE - - - - -
EXISTING BOTTOM LINE - - - - -
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

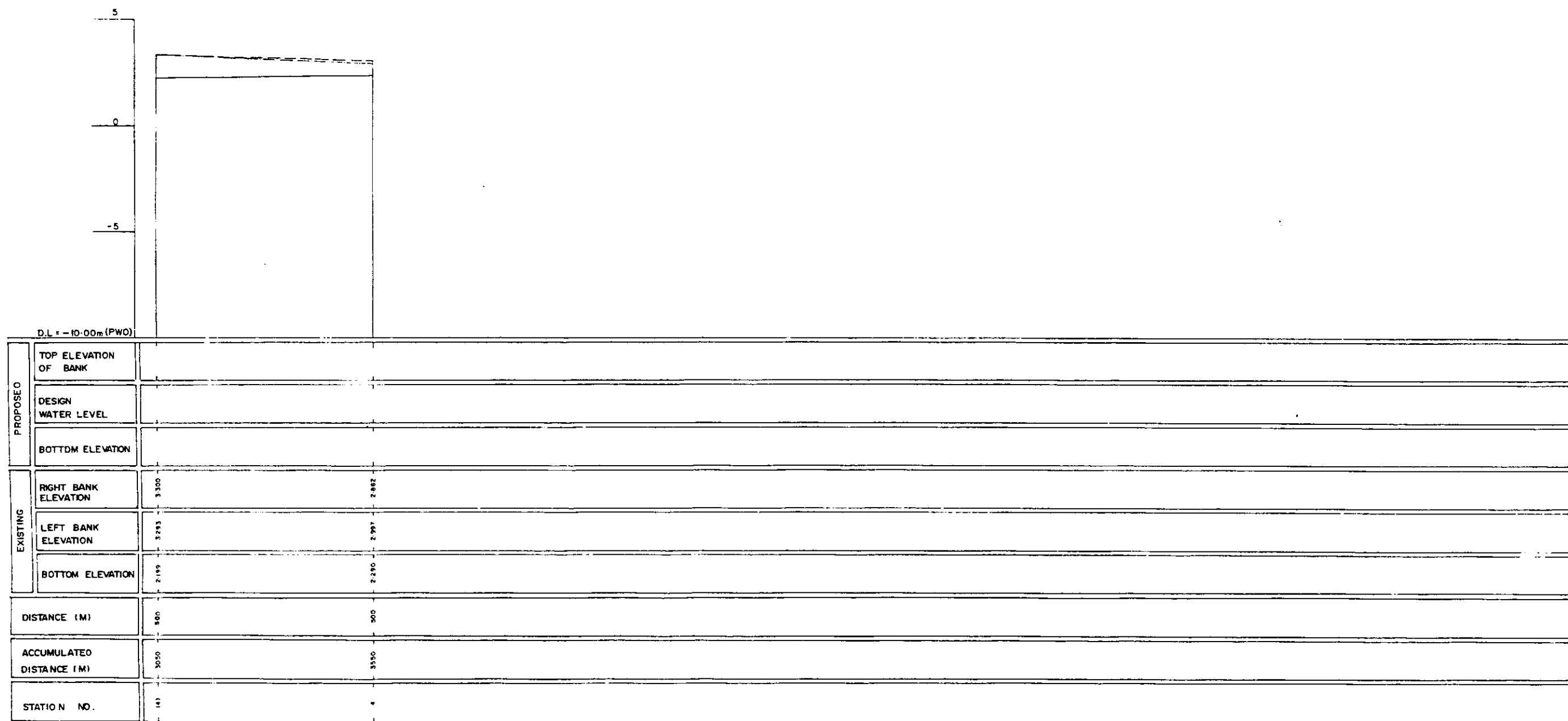
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO. 8A)

DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

N - 5
SCALE
H = 1:500
V = 1:500
DATE
JUNE, 1991

DWG NO
KIN L12
JAPAN INTERNATIONAL COOPERATION AGENCY

207



LEGEND
EXISTING LEFT GROUND LINE -----
EXISTING RIGHT GROUND LINE -----
EXISTING BOTTOM LINE -----

± L/R FACING TO UP STREAM

() SURVEYED IN MARCH 1991

GREATER DHAKA PROTECTION PROJECT			
RAJSHY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
LONG SECTION OF CANAL			
N - 5		SCALE	N 1:5000 V 1:100
DWG. NO.	KN L13	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

007

C/S-(3) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C12

N-5/2
GH+2.053



DL=0.00m

DL=0.00m

C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C11

N-5/1
GH+1.822

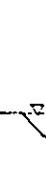


DL=0.00m

DL=0.00m

C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C11

N-5/4
GH+2.290



C/S-(4) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C12

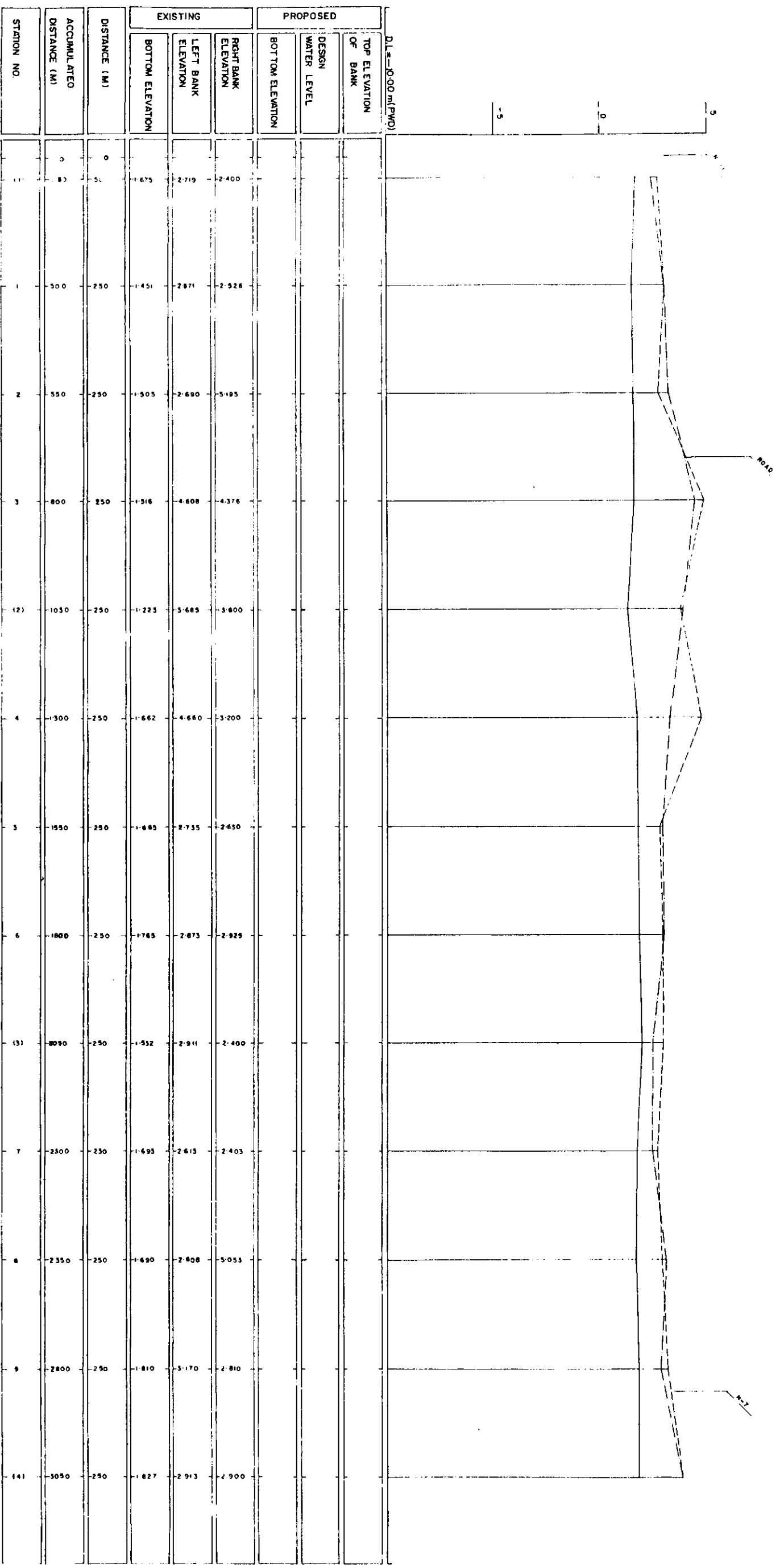
N-5/3
GH+1.854



* L/R FACING TO UP STREAM.

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
N - 5		SCALE	H=1:200 V=1:100
DWG. NO.	KN C10	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

26



LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

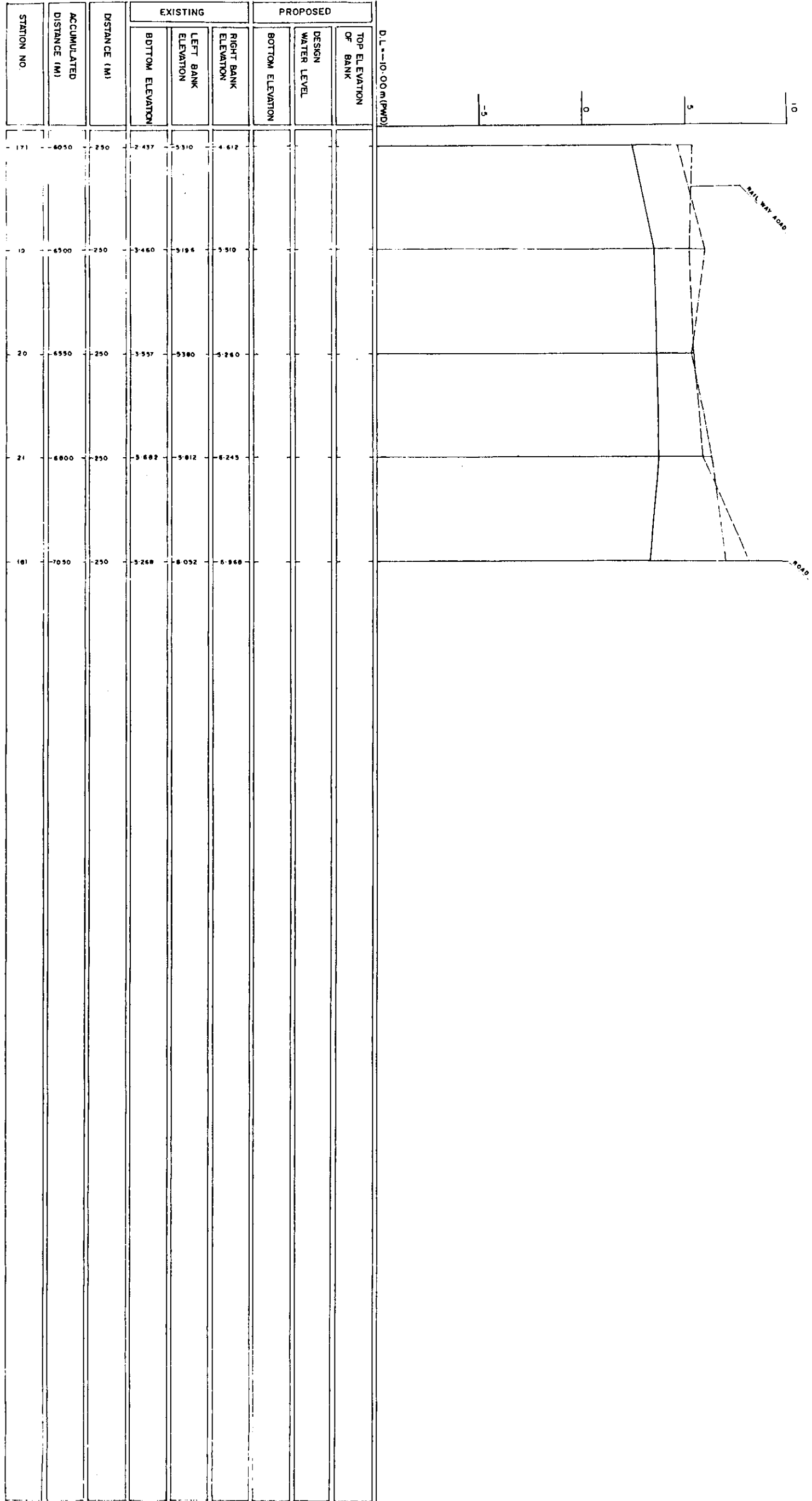
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN ND8A
DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL
N-6
SCALE 1:5000
DATE 1 JUNE 1991
JAPAN INTERNATIONAL COOPERATION AGENCY



STATION NO.	ACCUMULATED DISTANCE (M)	DISTANCE (M)	EXISTING			PROPOSED		
			BOTTOM ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	BOTTOM ELEVATION	DESIGN WATER LEVEL	TOP ELEVATION OF BANK
141	3310	250	1.827	2.913	2.900			
10	3300	250	2.214	2.957	2.982			
11	3550	230	2.006	3.451	5.296			
12	3800	250	1.971	5.335	5.350			
151	4050	250	2.146	4.420	4.015			
15	4300	250	1.654	4.415	4.519			
14	4550	250	2.256	3.875	4.150			
15	4800	250	2.105	3.265	3.584			
161	5050	250	1.438	4.710	4.698			
16	5500	250	1.913	5.091	4.011			
17	5550	250	1.735	3.752	4.118			
18	5800	250	2.594	5.631	4.202			
171	6050	250	2.437	5.310	4.632			

LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
ONAKA METROPOLITAN AREA			
LONG SECTION OF CANAL			
DWG NO.	N-6	SCALE	1:1,000
KN	LIS	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

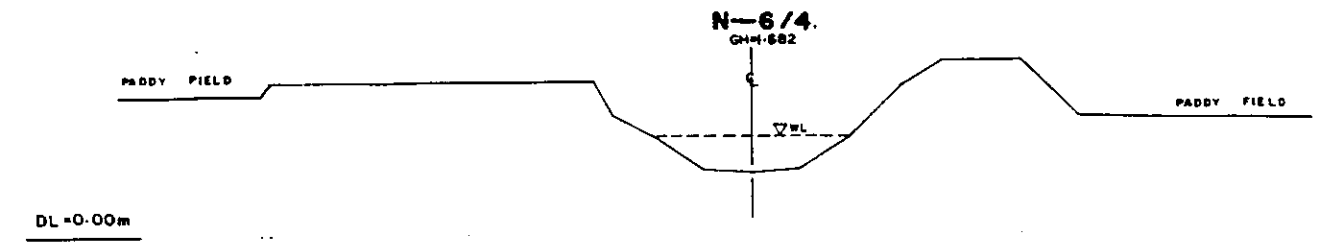
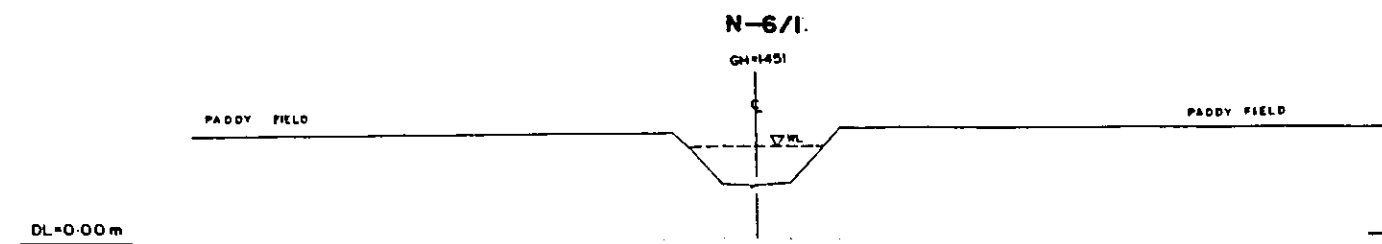
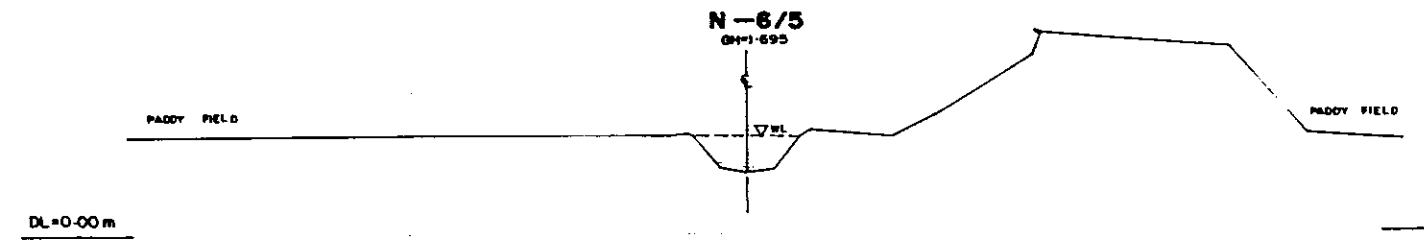
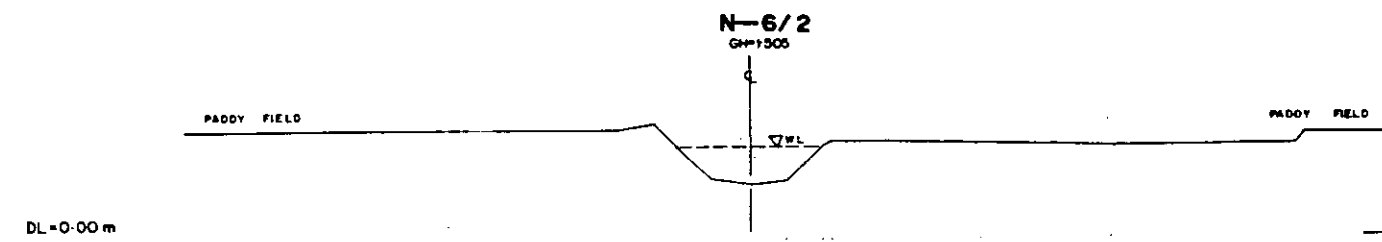
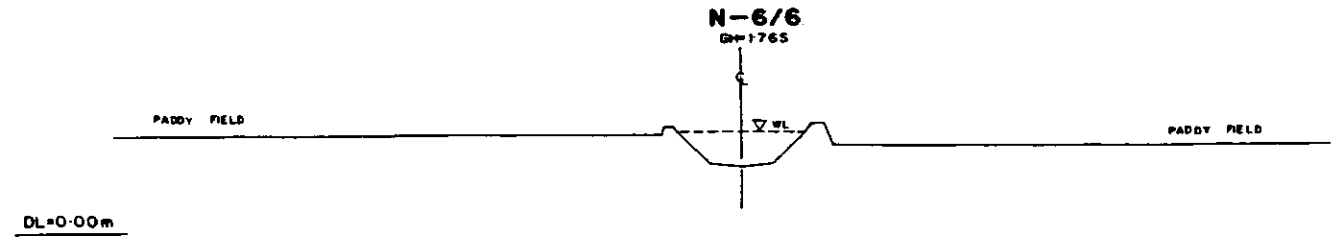
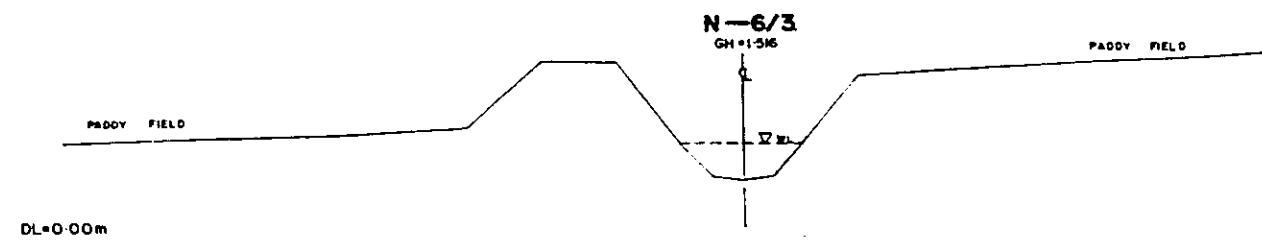


LEGEND
EXISTING LEFT GROUND LINE - - - - -
EXISTING RIGHT GROUND LINE - - - - -
EXISTING BOTTOM LINE - - - - -
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1991

682

C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C13

C/S-(3) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C13



C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO - KN C13

* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-6	SCALE	H=1:200	V=1:100
DWG. NO. KN C11	DATE	JUNE 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S-(4) SURVEYED IN MARCH, 1991
REF. DNG. NO - KN C15

N-6/9

GM+1.80

EL

PADDY FIELD

PADDY FIELD

DL+0.00m

DL+0.00m

N-6/12

GM+1.57

EL

PADDY FIELD

PADDY FIELD

C/S-(3) SURVEYED IN MARCH, 1991
REF. DNG. NO - KN C14

N-6/8

GM+1.550

EL

PADDY FIELD

PADDY FIELD

DL+0.00m

DL+0.00m

N-6/11

GM+2.006

EL

PADDY FIELD

PADDY FIELD

N-6/7

GM+1.593

EL

PADDY FIELD

PADDY FIELD

DL+0.00m

DL+0.00m

N-6/10

GM+2.24

EL

PADDY FIELD

PADDY FIELD

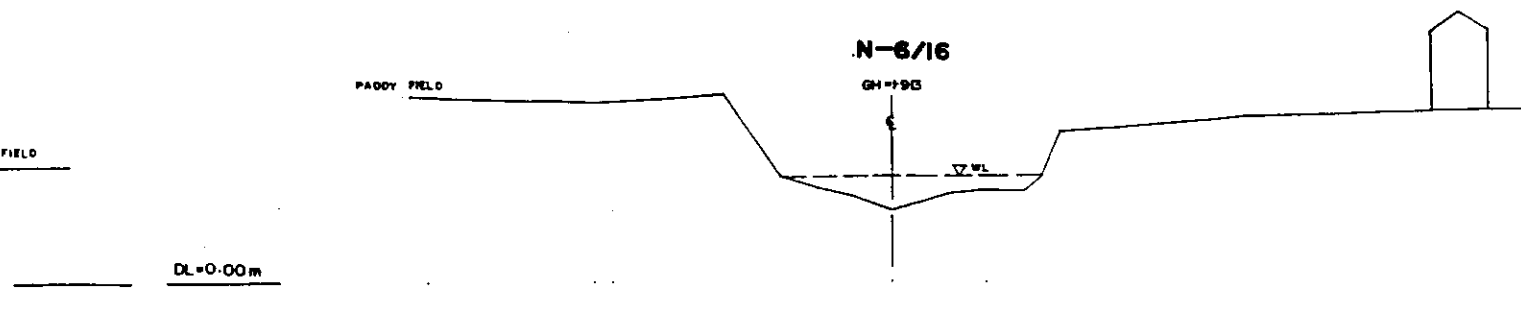
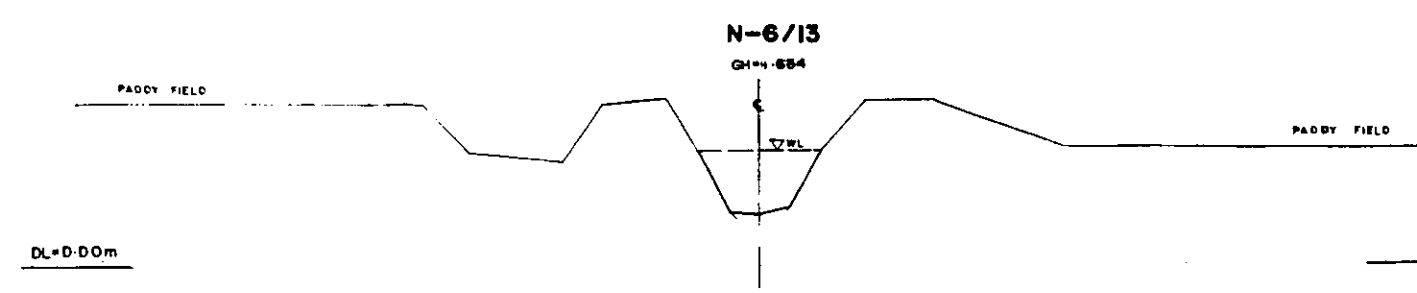
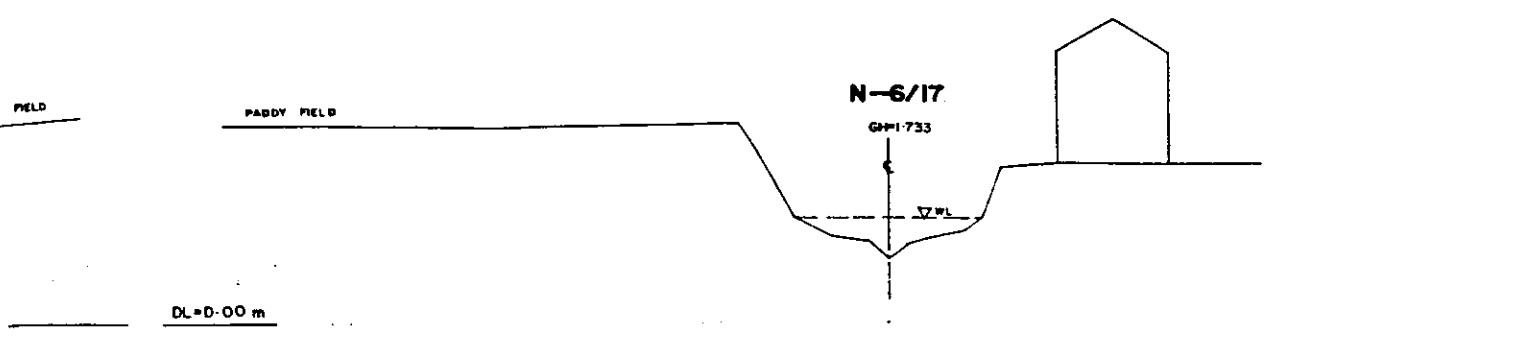
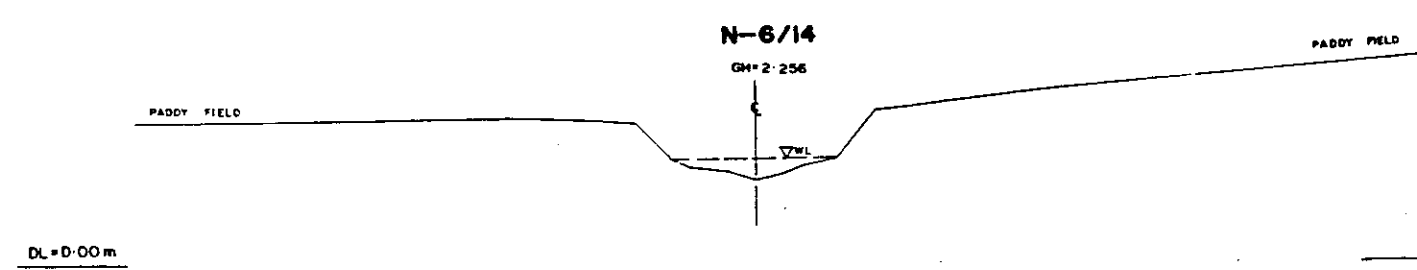
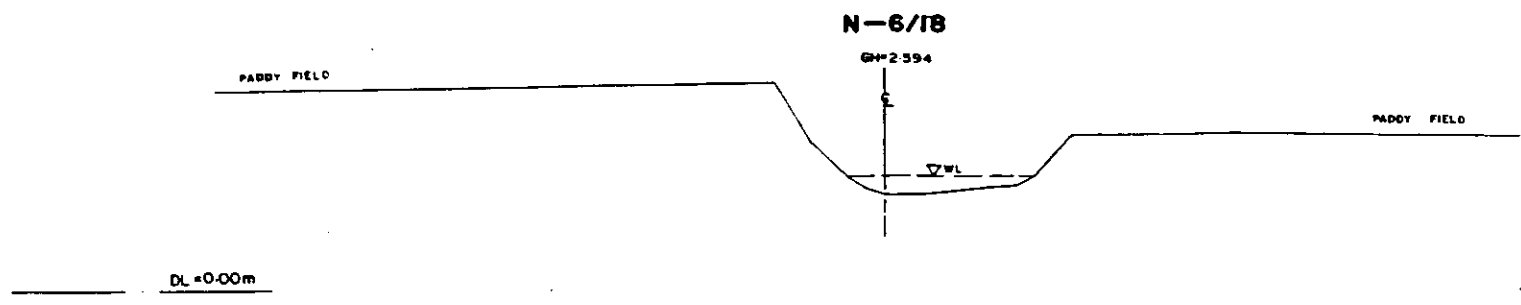
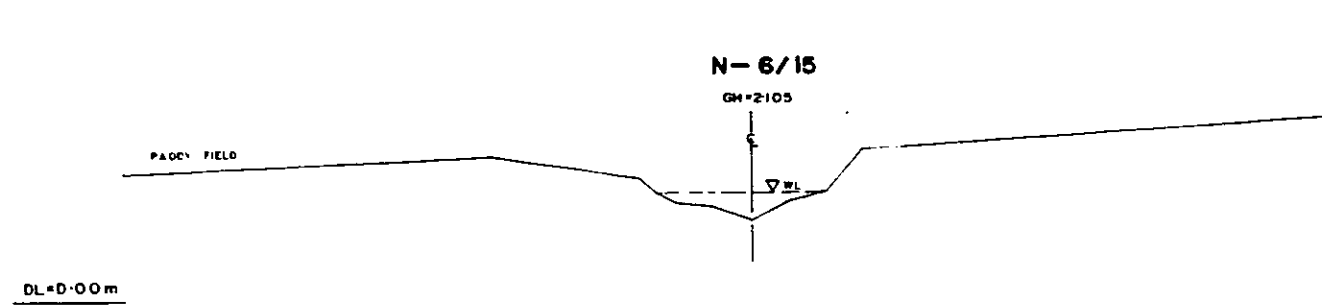
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-6	SCALE	VERTICAL	
DWG. NO.	KN C12	DATE	JUNE-1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

088

C/S-(6) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C14

C/S-(7) SURVEYED IN MARCH, 1991
REF. DRG. NO-KN C15

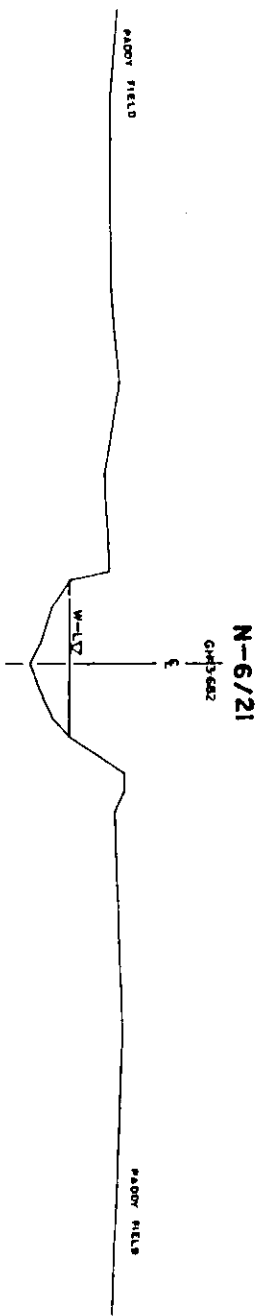


* L/R FACING TO UP STREAM

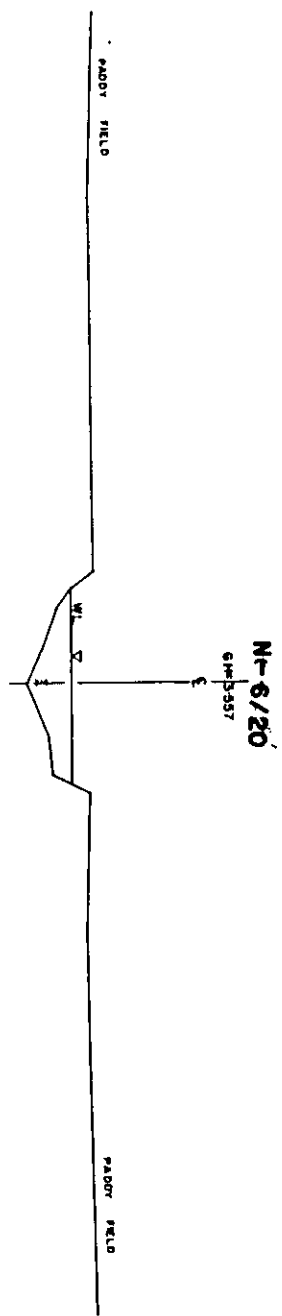
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
N-6	SCALE	H=1:200	V=1:100
DWG. NO.	KN C13	DATE	JUNE 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

1022

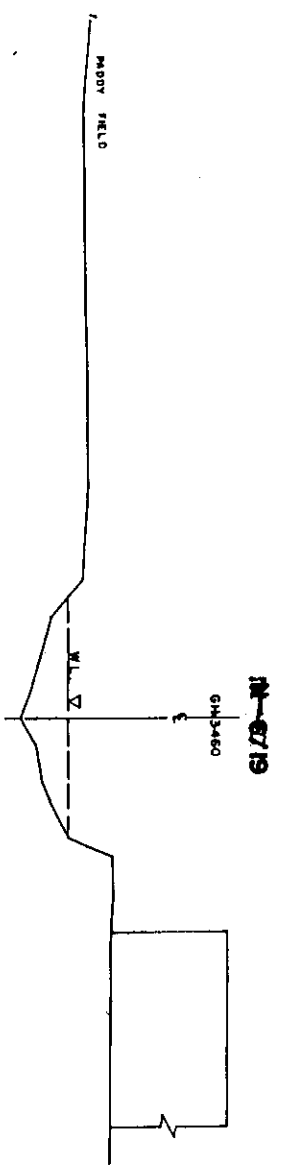
C/S-10) SUBMITTED IN MARCH, 1991
REF. DRC NO - KN C/S



DL=0.00 m



DL=0.00 m



DL=0.00 m

* L/R FACING TO UP STREAM

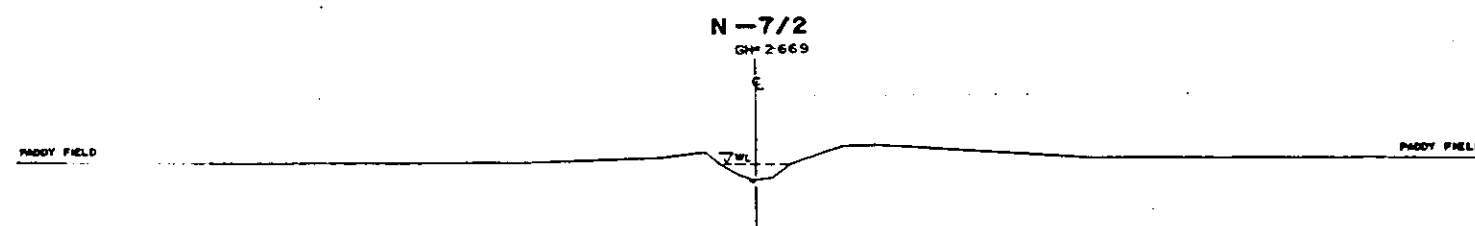
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
CROSS SECTION OF CANAL			
N-6	KN C14	SCALE	1:100
DWG. NO.	DATE	JUNE 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

[illegible]

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.84			
DHAKA METROPOLITAN AREA			
LONG SECTION OF CANAL			
N-7		SCALE	
		H=1:5000	
		V=1:100	
DWG NO.	KN/L-17	DATE	JUNE/1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

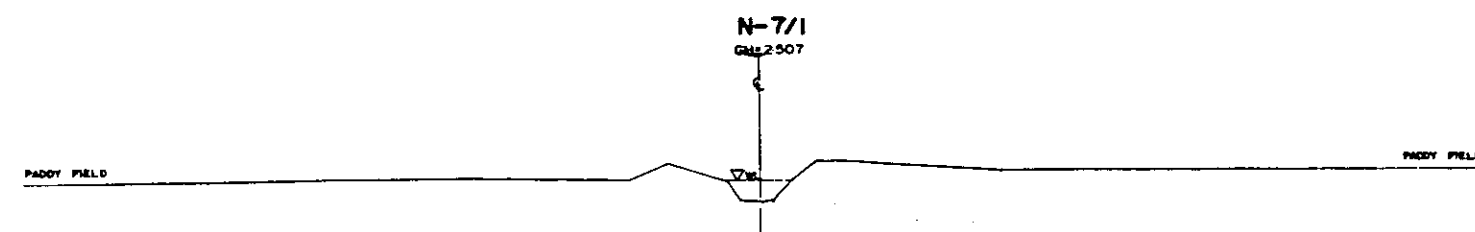
089

C/S-(3) SURVEYED IN MARCH, 1991
REF. DRG. NO. - KN C16



DL=0+00m.

C/S-(2) SURVEYED IN MARCH, 1991
REF. DRG. NO. - KN C16



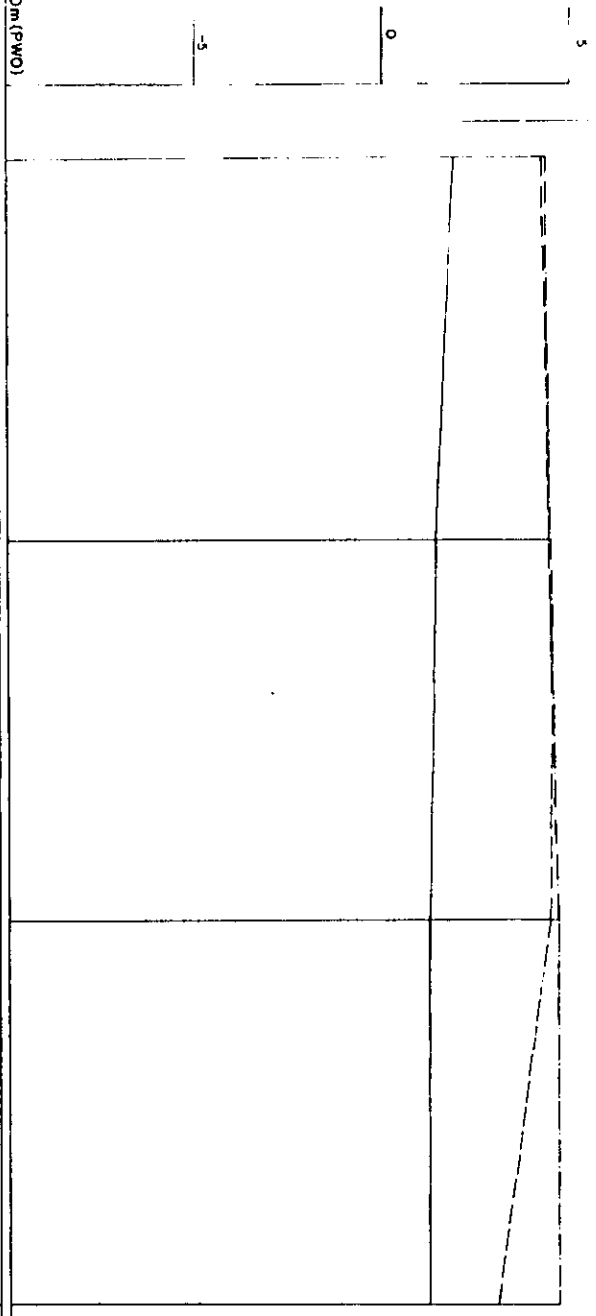
DL=0+00m.

C/S-(1) SURVEYED IN MARCH, 1991
REF. DRG. NO. - KN C16

* L/R FACIN TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
N-7		SCALE	H=1:200 V=1:100
DWG. NO.	KN C15	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

085



PROPOSED			EXISTING		
TOP ELEVATION OF BANK	DESIGN WATER LEVEL	BOTTOM ELEVATION	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	BOTTOM ELEVATION
			4.300	4.200	1.901
			4.360	4.405	1.393
			4.500	4.400	1.140
			4.583	3.000	1.141
			</		

LEGEND
----- EXISTING LEFT GROUND LINE
----- EXISTING RIGHT GROUND LINE
----- EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH 1981

GREATER DHAKA PROTECTION PROJECT
STUDY IN DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO.8A

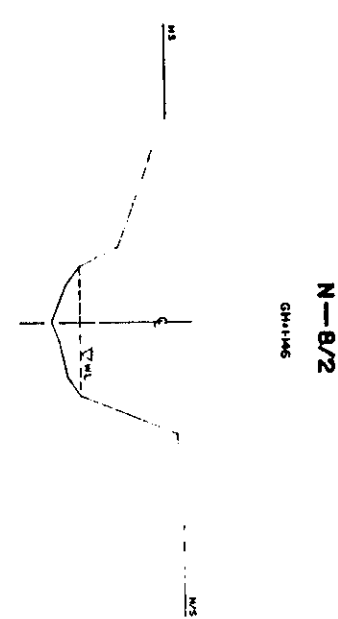
DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL
N-8

DWG. NO. KN LIB DATE SCALE 1:1000

JAPAN INTERNATIONAL COOPERATION AGENCY

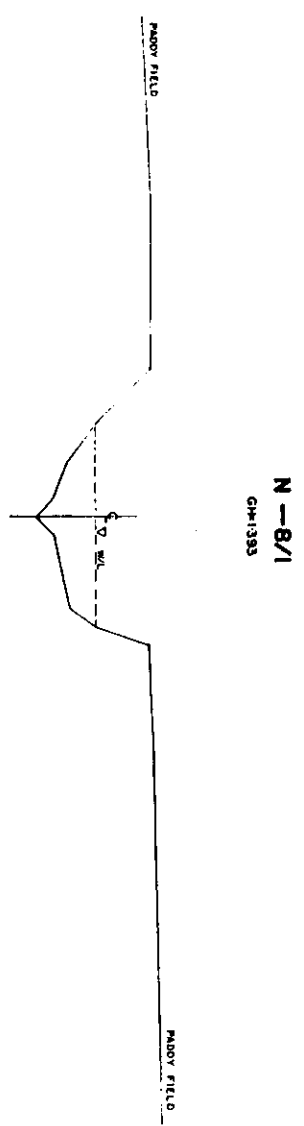
2802

DL = 3 DOD



C/S-12) SURVEYED IN MARCH, 1991
REF. DRG. NO.-KN C17

DL = 3.000

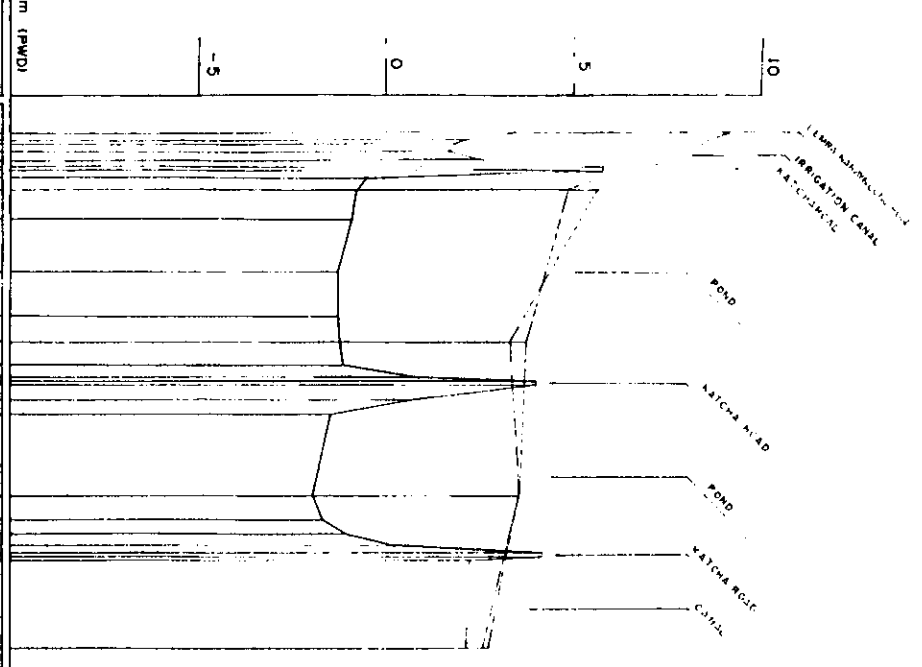


C/S-11) SURVEYED IN MARCH, 1991
REF. DRG. NO.-KN C17

9 L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-8	KN C16	SCALE	1:1,200
DRG. NO.	KN C16	DATE	JAN. 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

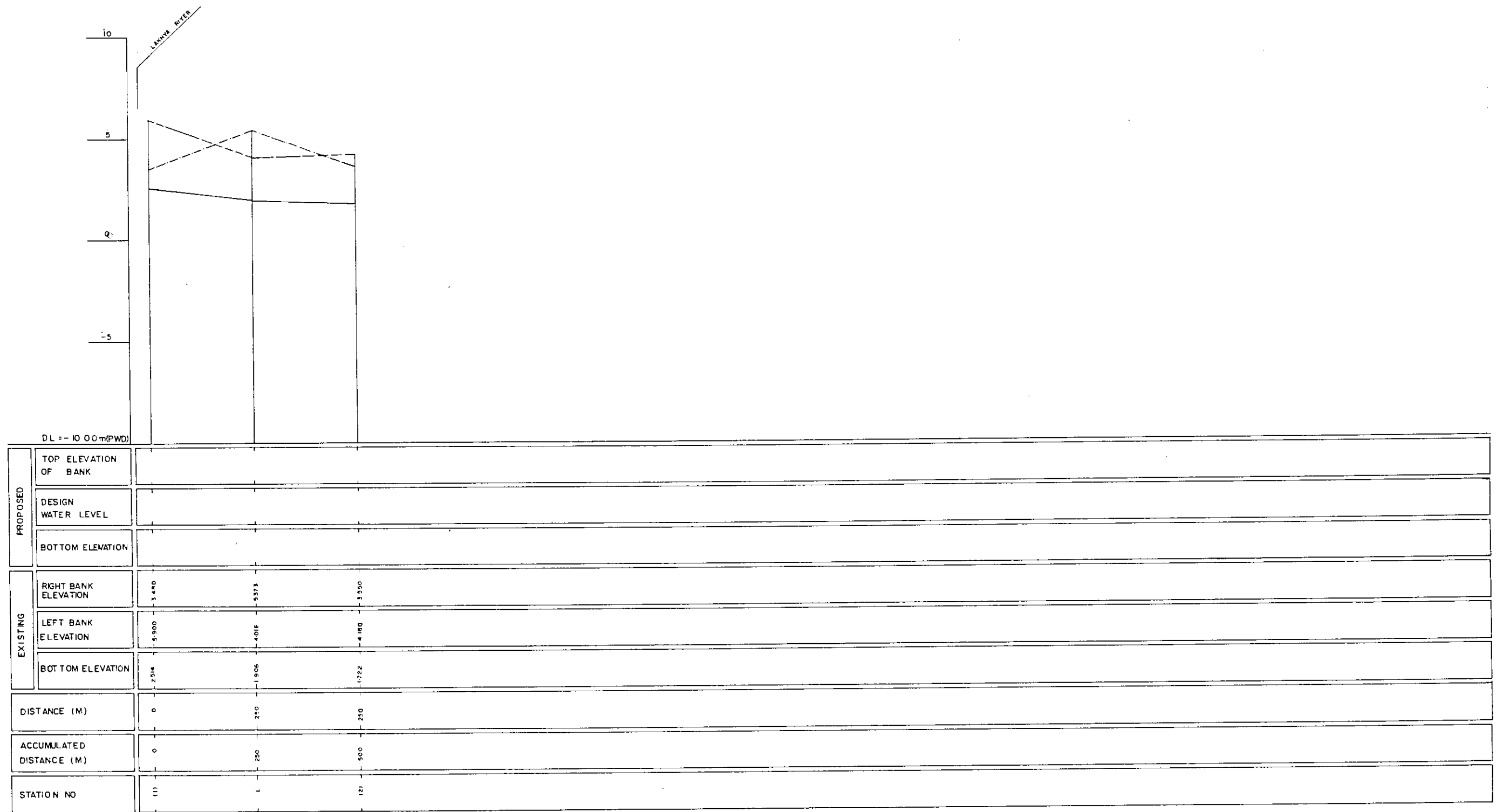
680



PROPOSED		EXITING		ACCUMULATED		STATION NO
TOP ELEVATION OF BANK	DESIGN WATER LEVEL	BOTTOM ELEVATION	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	BOTTOM ELEVATION	
11.111	11.111	11.111	11.111	11.111	11.111	0
11.111	11.111	11.111	11.111	11.111	11.111	10
11.111	11.111	11.111	11.111	11.111	11.111	20
11.111	11.111	11.111	11.111	11.111	11.111	40
11.111	11.111	11.111	11.111	11.111	11.111	60
11.111	11.111	11.111	11.111	11.111	11.111	80
11.111	11.111	11.111	11.111	11.111	11.111	100
11.111	11.111	11.111	11.111	11.111	11.111	120
11.111	11.111	11.111	11.111	11.111	11.111	140
11.111	11.111	11.111	11.111	11.111	11.111	160
11.111	11.111	11.111	11.111	11.111	11.111	180
11.111	11.111	11.111	11.111	11.111	11.111	200
11.111	11.111	11.111	11.111	11.111	11.111	220
11.111	11.111	11.111	11.111	11.111	11.111	240
11.111	11.111	11.111	11.111	11.111	11.111	260
11.111	11.111	11.111	11.111	11.111	11.111	280
11.111	11.111	11.111	11.111	11.111	11.111	300
11.111	11.111	11.111	11.111	11.111	11.111	320
11.111	11.111	11.111	11.111	11.111	11.111	340
11.111	11.111	11.111	11.111	11.111	11.111	360
11.111	11.111	11.111	11.111	11.111	11.111	380
11.111	11.111	11.111	11.111	11.111	11.111	400
11.111	11.111	11.111	11.111	11.111	11.111	420
11.111	11.111	11.111	11.111	11.111	11.111	440
11.111	11.111	11.111	11.111	11.111	11.111	460
11.111	11.111	11.111	11.111	11.111	11.111	480
11.111	11.111	11.111	11.111	11.111	11.111	500
11.111	11.111	11.111	11.111	11.111	11.111	520
11.111	11.111	11.111	11.111	11.111	11.111	540
11.111	11.111	11.111	11.111	11.111	11.111	560
11.111	11.111	11.111	11.111	11.111	11.111	580
11.111	11.111	11.111	11.111	11.111	11.111	600
11.111	11.111	11.111	11.111	11.111	11.111	620
11.111	11.111	11.111	11.111	11.111	11.111	640
11.111	11.111	11.111	11.111	11.111	11.111	660
11.111	11.111	11.111	11.111	11.111	11.111	680
11.111	11.111	11.111	11.111	11.111	11.111	700
11.111	11.111	11.111	11.111	11.111	11.111	720
11.111	11.111	11.111	11.111	11.111	11.111	740
11.111	11.111	11.111	11.111	11.111	11.111	760
11.111	11.111	11.111	11.111	11.111	11.111	780
11.111	11.111	11.111	11.111	11.111	11.111	800
11.111	11.111	11.111	11.111	11.111	11.111	820
11.111	11.111	11.111	11.111	11.111	11.111	840
11.111	11.111	11.111	11.111	11.111	11.111	860
11.111	11.111	11.111	11.111	11.111	11.111	880
11.111	11.111	11.111	11.111	11.111	11.111	900
11.111	11.111	11.111	11.111	11.111	11.111	920
11.111	11.111	11.111	11.111	11.111	11.111	940
11.111	11.111	11.111	11.111	11.111	11.111	960
11.111	11.111	11.111	11.111	11.111	11.111	980
11.111	11.111	11.111	11.111	11.111	11.111	1000

LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
* L/R FACING TO UP STREAM

002

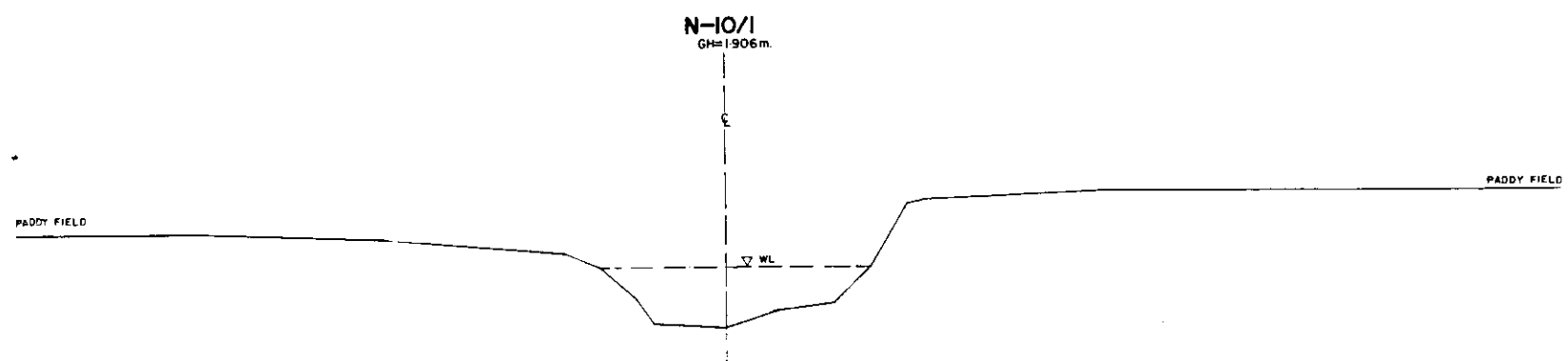


LEGEND
EXISTING LEFT GROUND LINE ———
EXISTING RIGHT GROUND LINE ———
EXISTING BOTTOM LINE ———
*L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOODACTION PLAN NO. 8A
DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL
N-10
SCALE H: 1:5000
V: 1:100
DWG NO. KN L-1
DATE OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY

012

C/S (2) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C 19



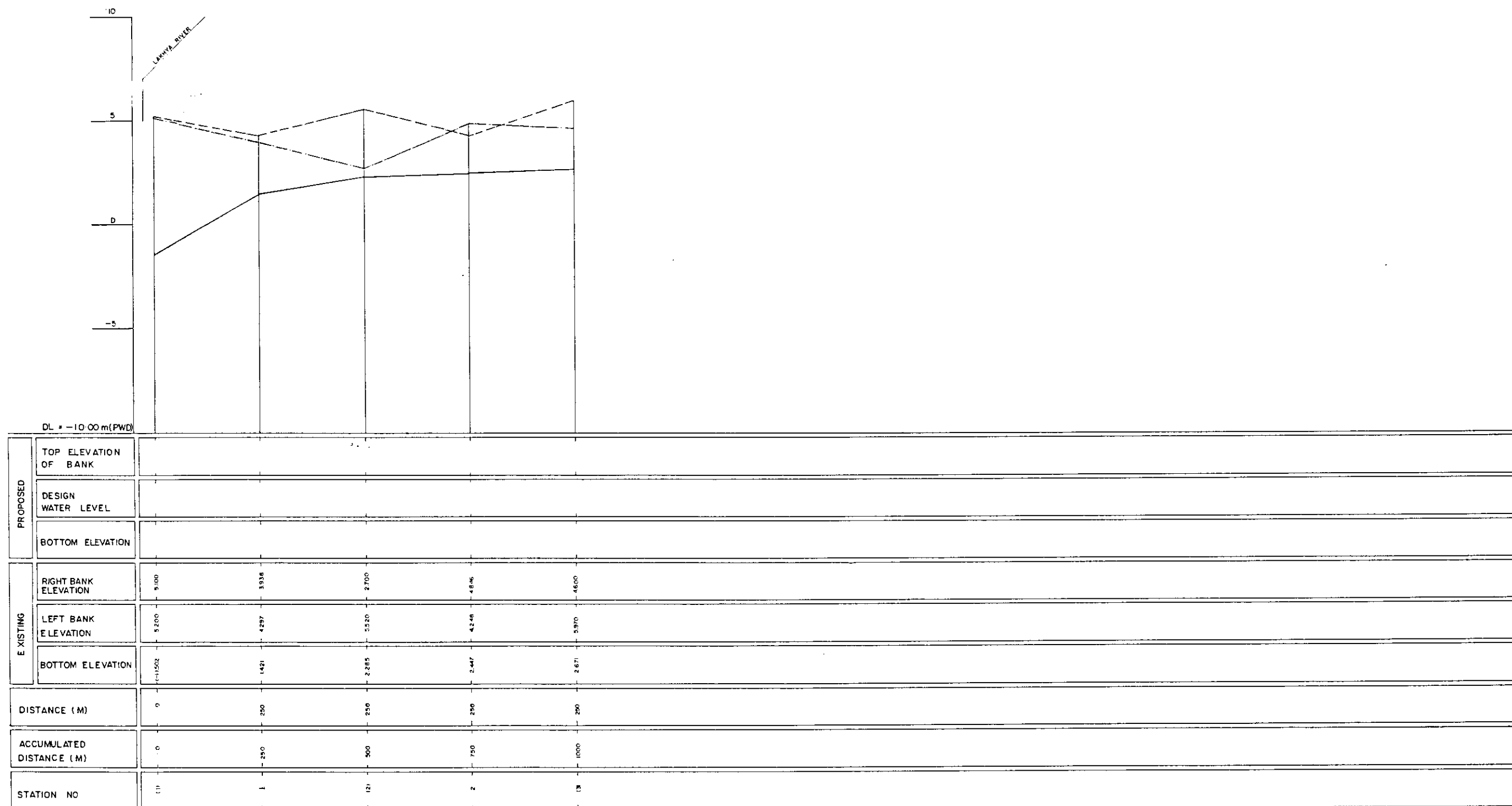
DL = 0.00m (PWD)

C/S (1) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C 19

*L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-10		SCALE	H=1:200 V=1:100
DWG NO.	KN C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

62



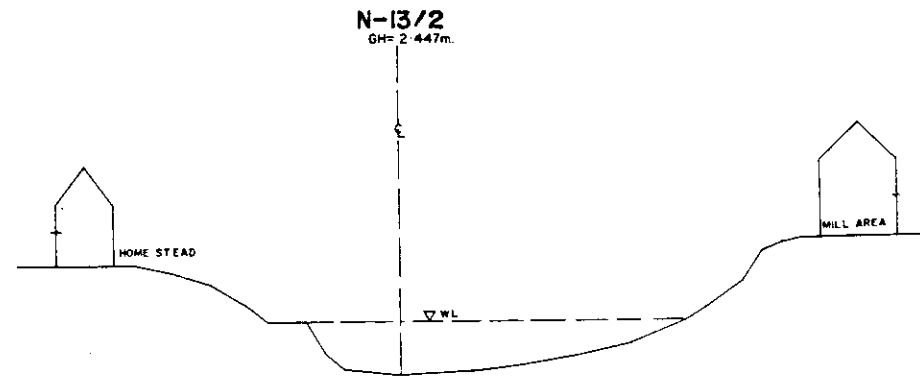
LEGEND
 EXISTING LEFT GROUND LINE ———
 EXISTING RIGHT GROUND LINE ———
 EXISTING BOTTOM LINE ———

*L/R FACING TO UP STREAM
 () SURVEYED IN MARCH, 1991

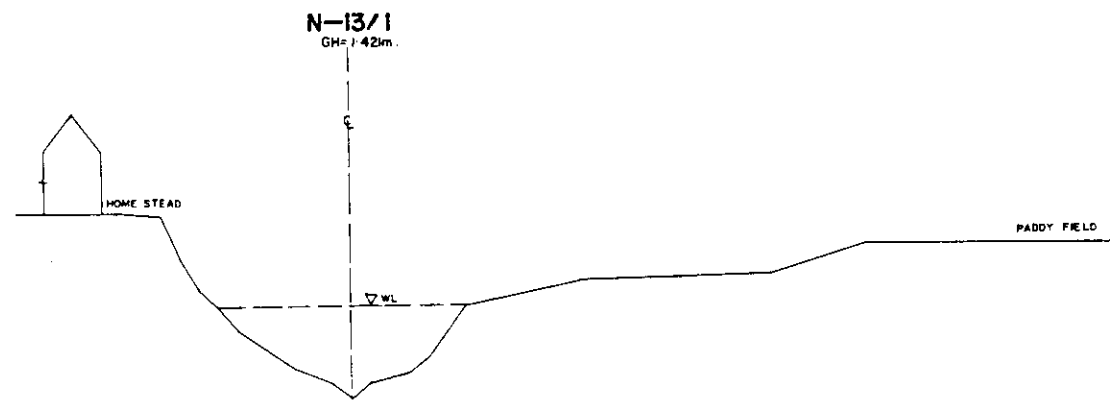
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOODACTION PLAN NO. 8A		
DHAKA METROPOLITAN AREA		
LONG SECTION OF CANAL		
N - 13	SCALE	1H: 115000 1V: 1:100
DWG NO. KN L-2	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

608

C/S (3) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C 22



C/S (2) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C 22



C/S (1) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C 22

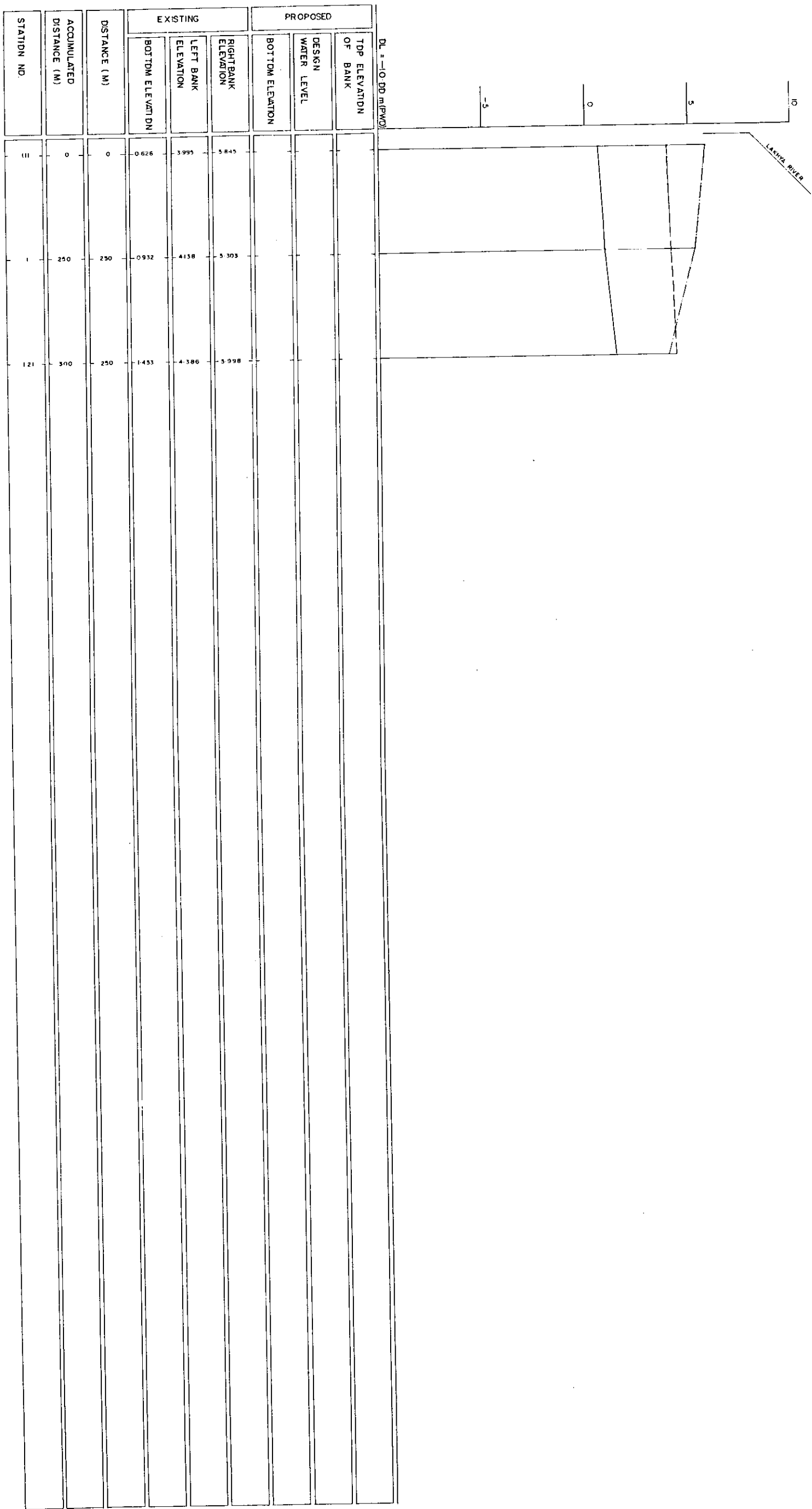
*L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-13		SCALE	1:200
DWG. NO.	KN C-2	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

DL= 0.00m (PWD)

DL= 0.00m (PWD)

2226



LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
*L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 1991

GREATER DHAKA PROTECTION PROJECT
STUDY IN DHAKA METROPOLITAN AREA
BANGLADESH FLOOD ACTION PLAN NO. BA

DHAKA METROPOLITAN AREA
LONG SECTION OF CANAL

N-15

KN-L-3

SCALE

DATE

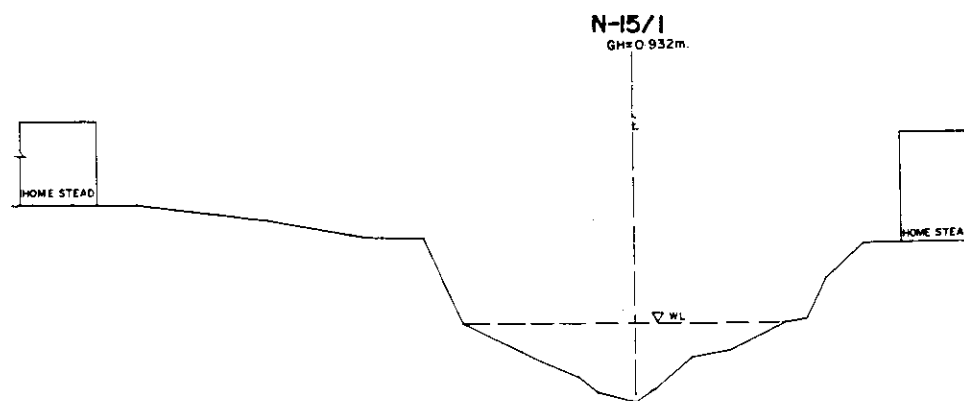
1:1000

OCTOBER, 1991

DWG NO. JAPAN INTERNATIONAL COOPERATION AGENCY

0.00

DL = 0.00m (PWD)



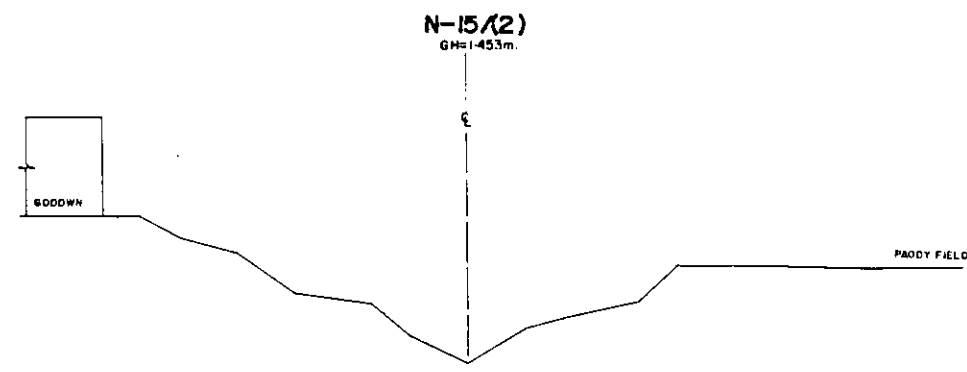
C/S (2) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C 24

C/S (1) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C 24

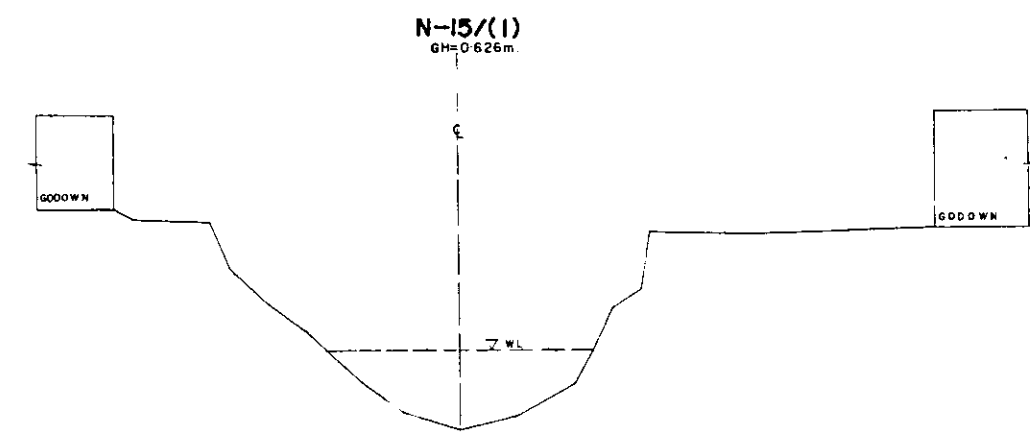
* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-15		SCALE	H=1:200 V=1:100
DWG NO.	KN C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

259



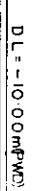
DL=0.00m.(PWD)



DL=0.00m.(PWD)

* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-15		SCALE	HF 1:200 VF 1:100
DWG NO.	KN C-24	DATE	MARCH, 1981
JAPAN INTERNATIONAL COOPERATION AGENCY			



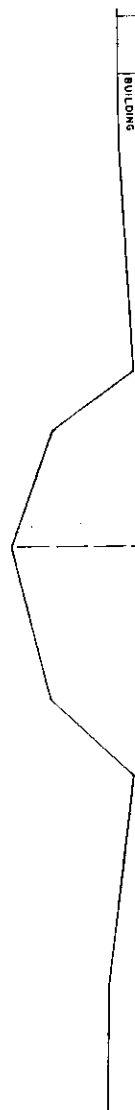
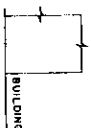
LEGEND

EXISTING LEFT GROUND LINE	— — — — —
EXISTING RIGHT GROUND LINE	- - - - -
EXISTING BOTTOM LINE	=====

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO. 8A		
DHAKA METROPOLITAN AREA		
LONG SECTION OF CANAL		
N - IB	SCALE	1" = 5,000'
DWG. NO. KN L-4	DATE	11.1.1991
OCTOBER, 1991		
JAPAN INTERNATIONAL COOPERATION AGENCY		

0802

N-18/1
G.R. 4.324m.



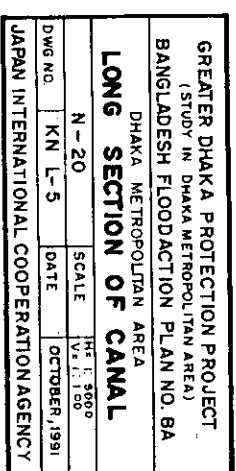
C/S (1) SURVEYED IN MARCH, 1991
REF. DWG. NO.-KN C.27

C/S (1) SURVEYED IN MARCH, 1991
REF. DWG. NO.-KN C.27

*L/R FACING TO UP STREAM

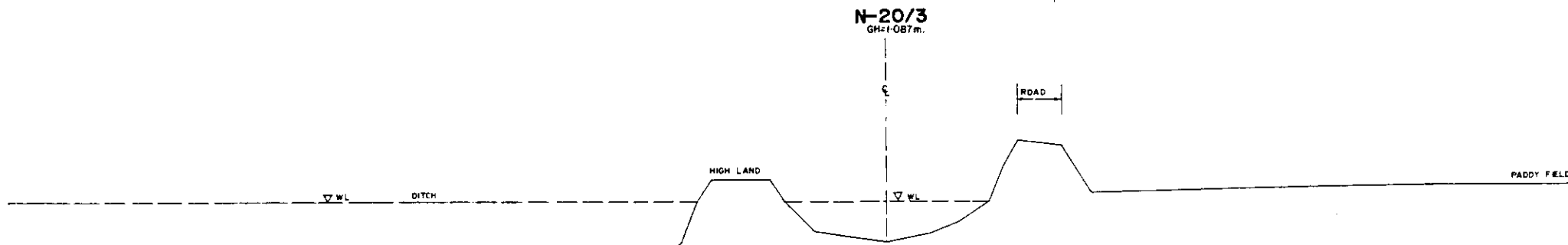
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-18	SCALE	HET:200 V:1:100	
DWG. NO. KN C-4	DATE	OCTOBER, 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			

DL=0.00m (P.W.D)

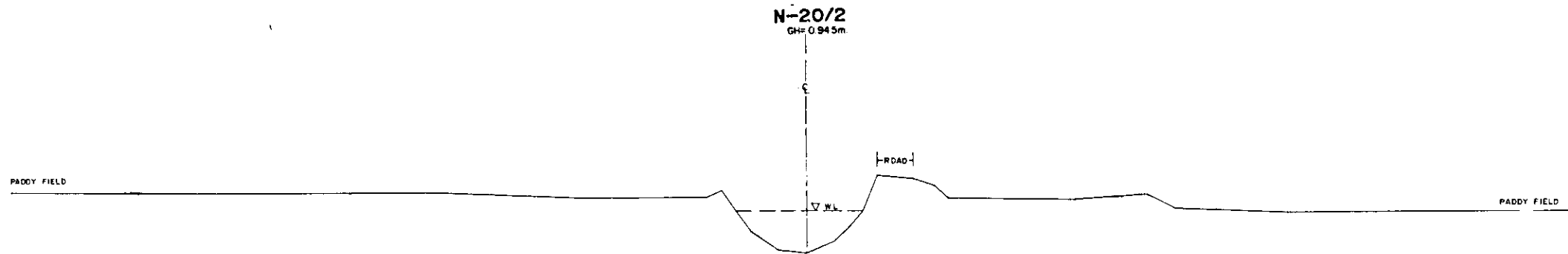


042

C/S (3) SURVEYED IN MARCH, 1991
REF. DWG. NO-KN C 29

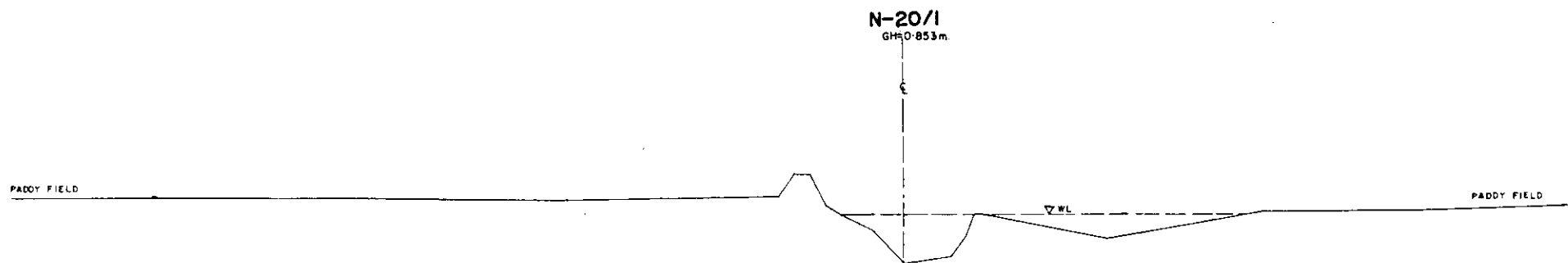


DL=0.00m.(PWD)



DL=0.00m.(PWD)

C/S (2) SURVEYED IN MARCH, 1991
REF. DWG. NO-KN C 29



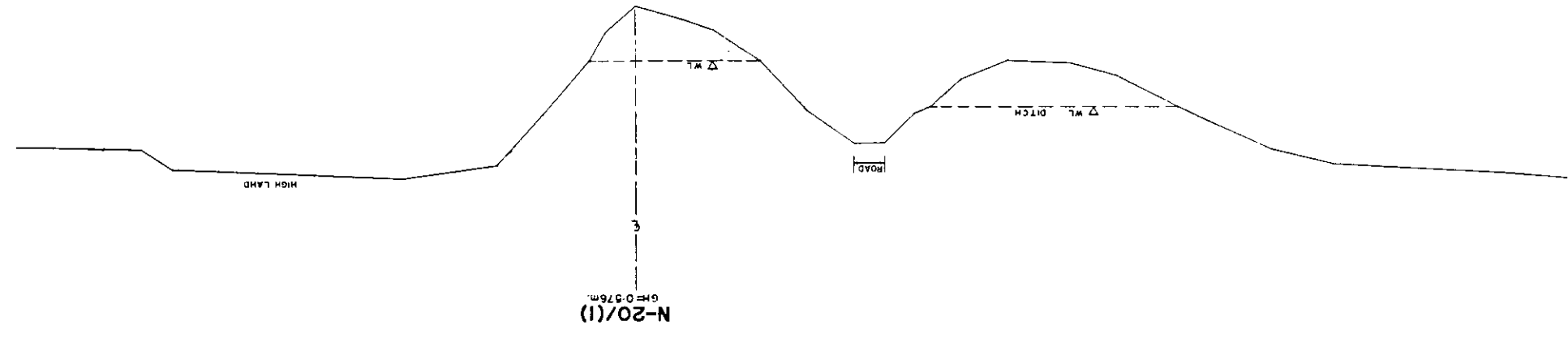
DL=0.00m.(PWD)

C/S (1) SURVEYED IN MARCH, 1991
REF. DWG. NO-KN C 29

* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-20		SCALE	HP : 1:200 VE : 1:100
OWGNO.	KN C-5	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

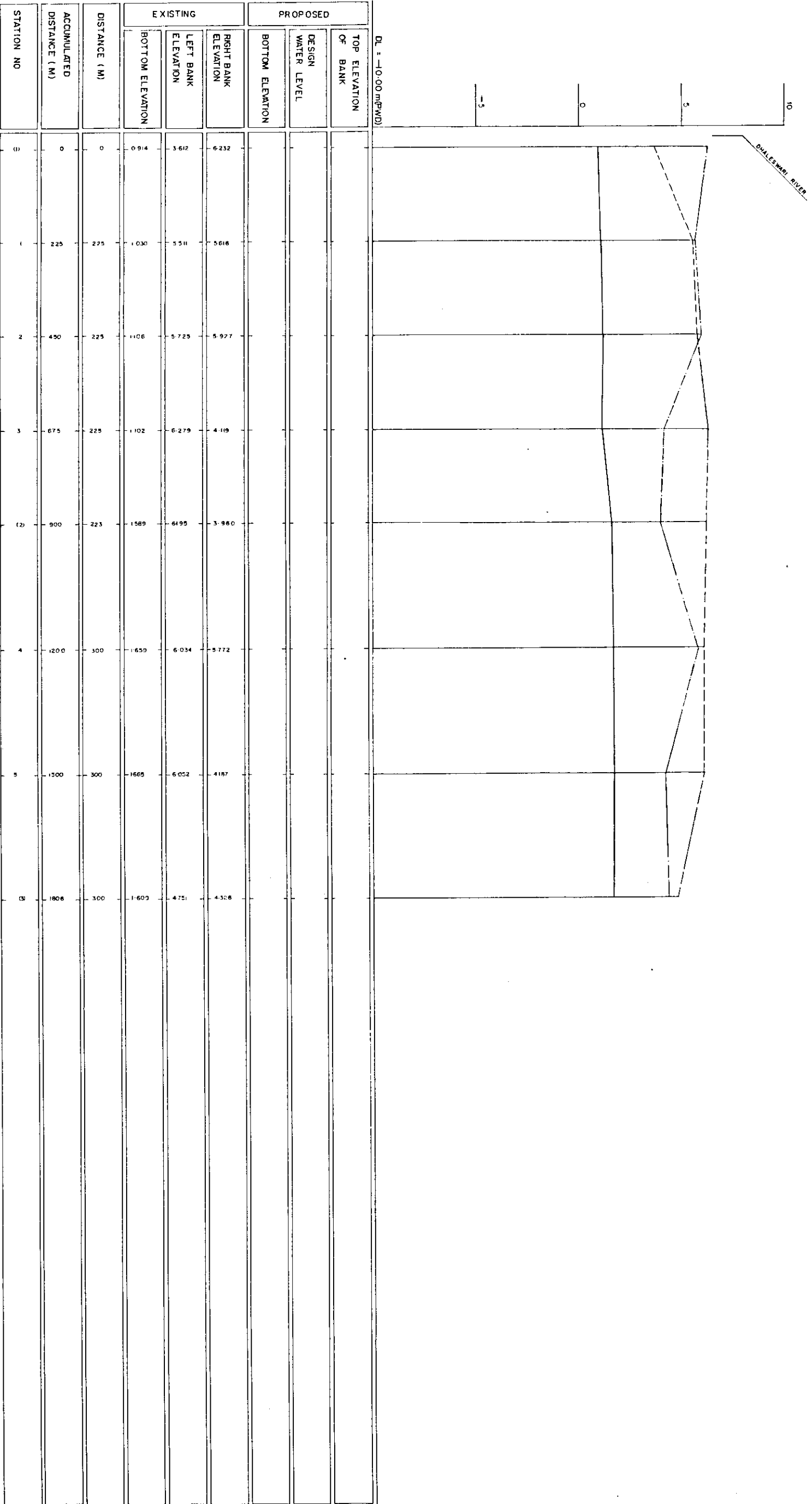
DL*0.00m (PWD)



* L/R FACING TO UP STREAM.

JAPAN INTERNATIONAL COOPERATION AGENCY			
DWG NO.	KN C 29	DATE	MARCH, 1991
N-20	SCALE	1:100	1:100
CROSS SECTION OF CANAL			
DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
(STUDY IN DHAKA METROPOLITAN AREA)			
GREATER DHAKA PROTECTION PROJECT			

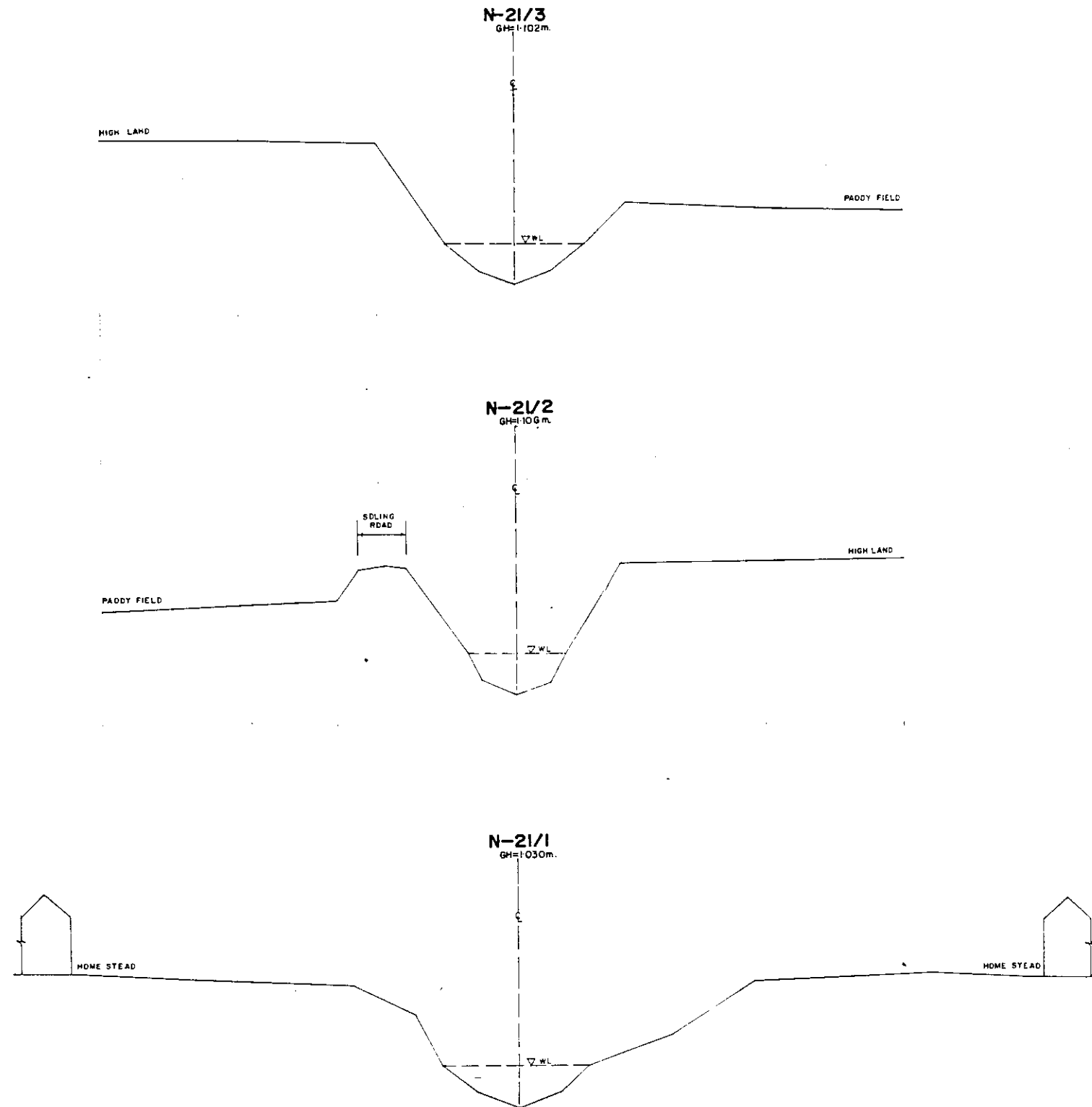
542



LEGEND
EXISTING LEFT GROUND LINE ---
EXISTING RIGHT GROUND LINE ---
EXISTING BOTTOM LINE ---
* L/R FACING TO UP STREAM
() SURVEYED IN MARCH, 199

3

C/S (2) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C-30



DL=0.00m.(PWD)

DL=0.00m.(PWD)

DL=0.00m.(PWD)

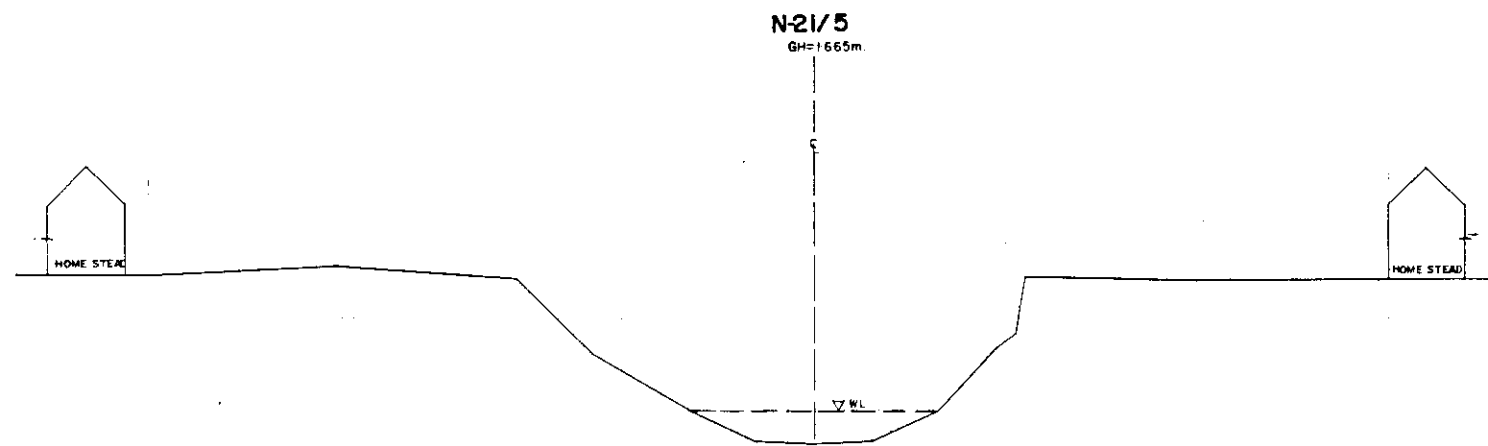
C/S (1) SURVEYED IN MARCH, 1991
REF. DWG. NO - KN C-30

DL/R FACING TO UP STREAM

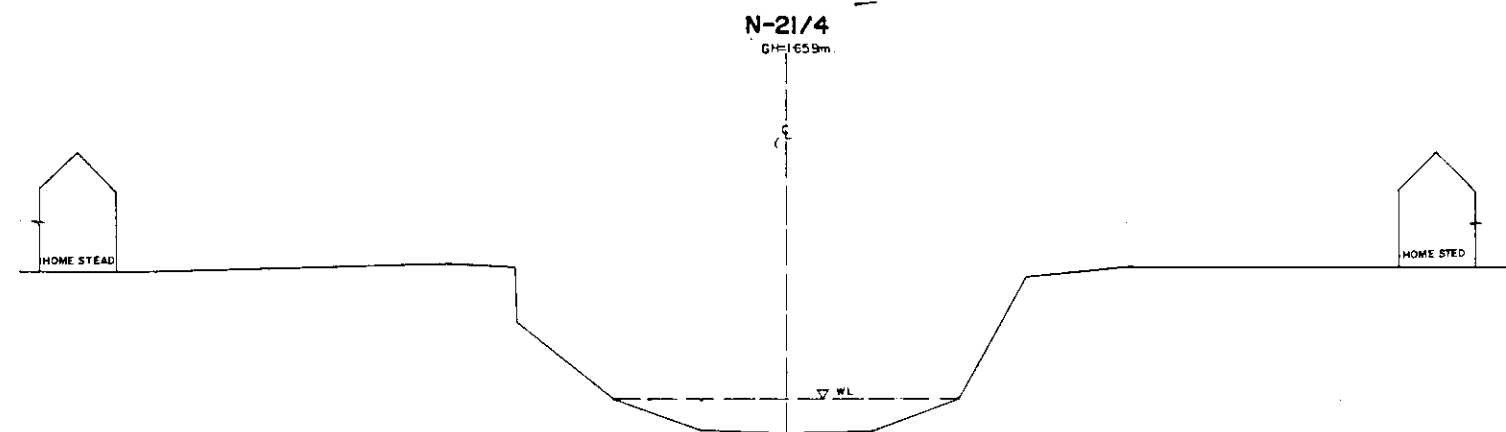
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO. 8A DHAKA METROPOLITAN AREA CROSS SECTION OF CANAL			
N-21	SCALE	H=1:200 V=1:100	
DWG. NO.	KN C-6	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

649

C/S(13) SURVEYED IN MARCH, 1991
REF DWG NO-KN C30



JL=0.00m. (P.W.D.)



DL=0.00m. (P.W.D.)

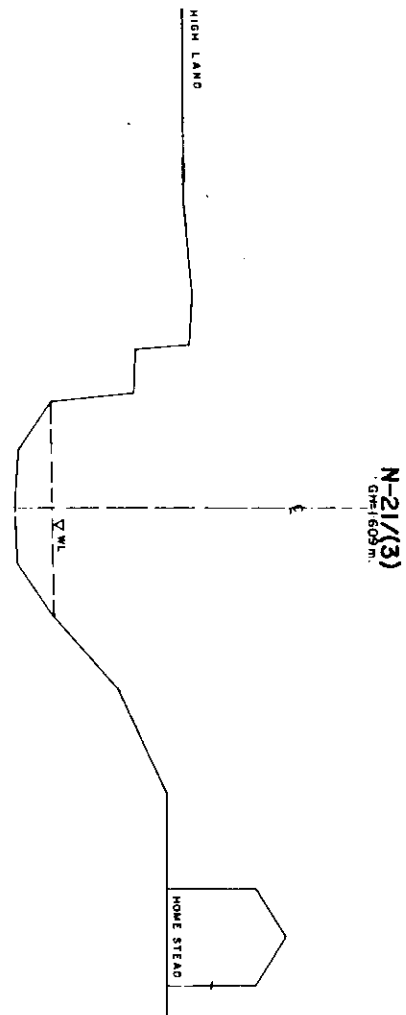
C/S(21) SURVEYED IN MARCH, 1991
REF DWG NO-KN C30

* L/R FACING TO UP STREAM

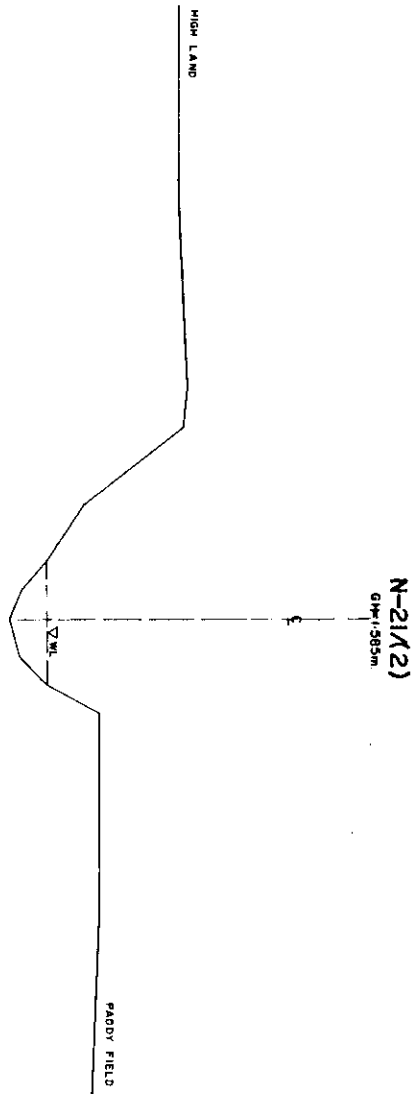
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-21		SCALE	H=1200 V=100
DWG NO.	KN C-7	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

1995

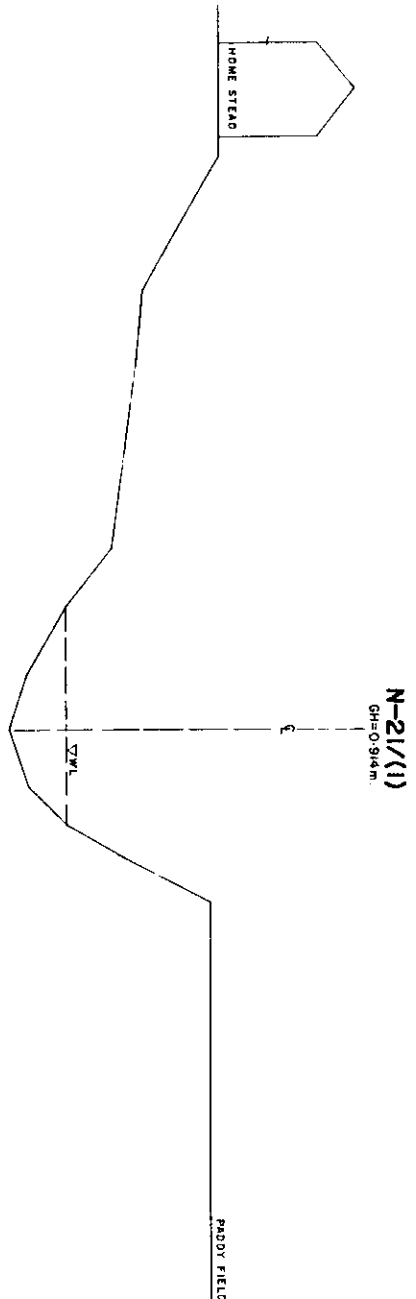
DL=0.00m (PWD)



DL=0.00m (PWD)



DL=0.00m (PWD)



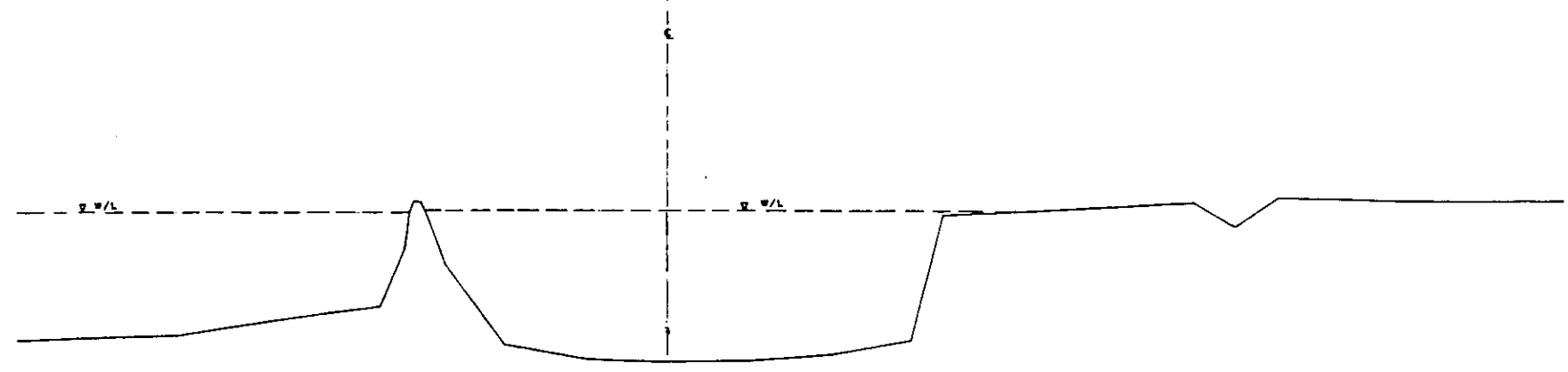
*L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.BA			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
DWG NO.	N-21	SCALE	H=1:200 V=1:100
	K/M-C-3Q	DATE	MARCH, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

6039

N-22/2

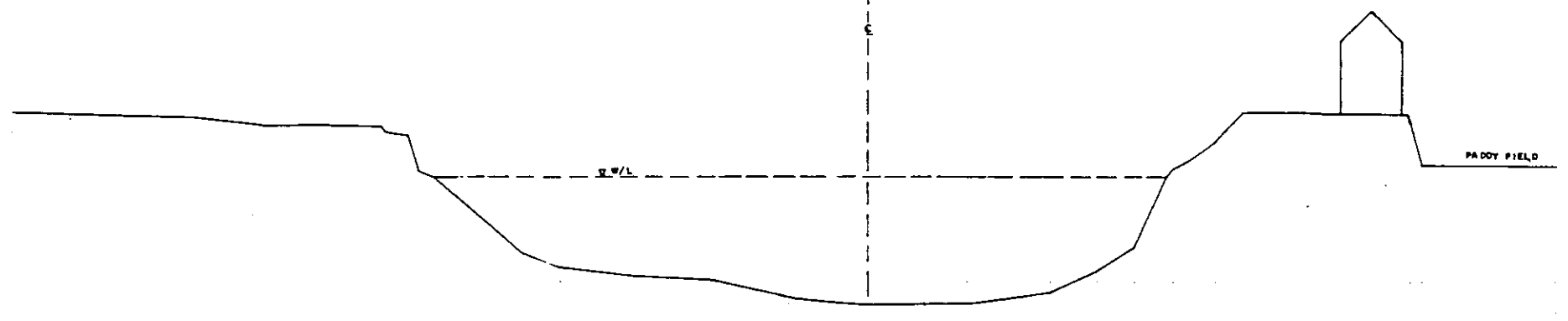
GH = (-) 1-236



DL = 0-00m

N-22/1

GH = (-) 0-761



DL = 0-00m

± L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-22		SCALE	H = 1:400 V = 1:100
OWS NO.	KN C-17	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

367 72

038

N-22/4

GH = 2.140

ε

DL = 0.00m

N-22/3

GH = (-) 1.932

ε

DL = 0.00m

PADDY FIELD

W/L

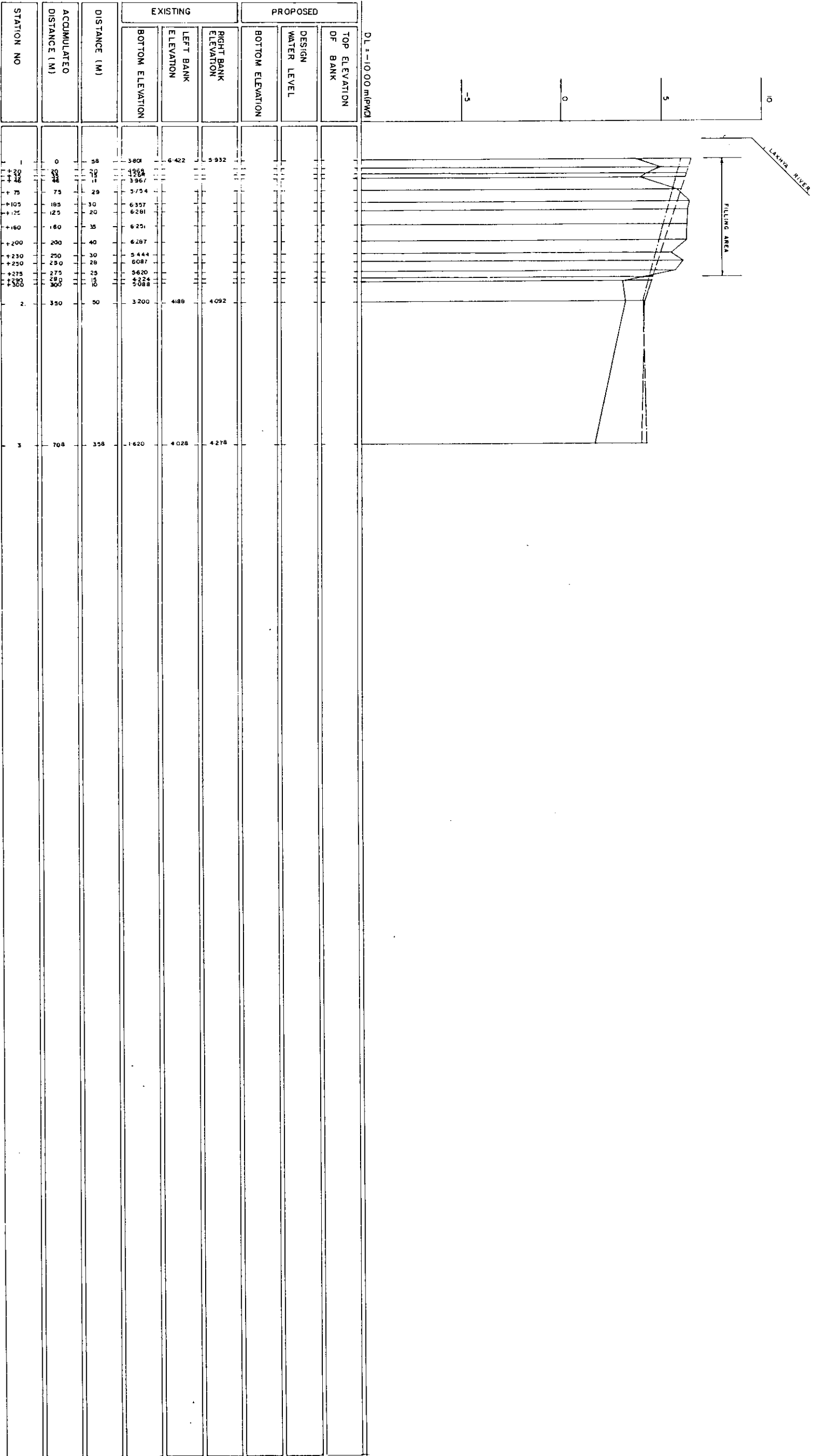
W/L

→ L/R FACING TO UP STREAM

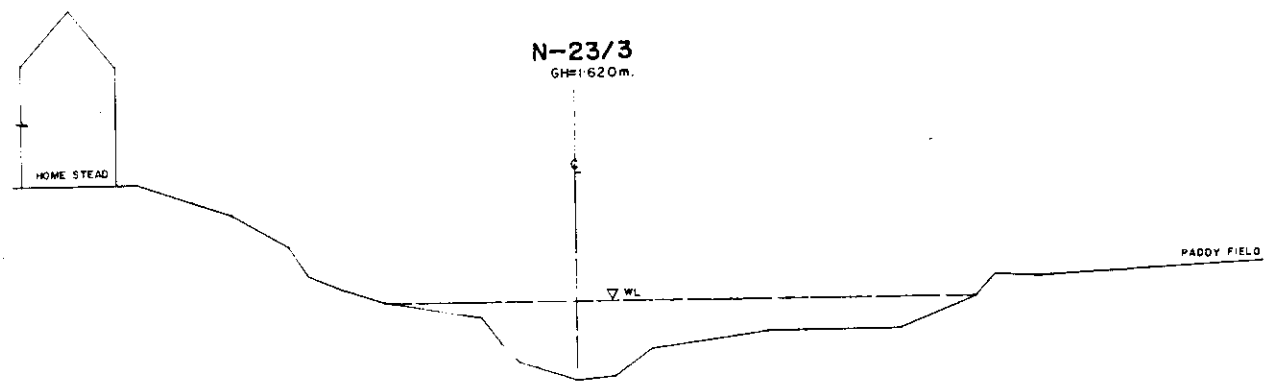
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO. 8A.		
DHAKA METROPOLITAN AREA		
CROSS SECTION OF CANAL		
N-22	SCALE	H=1:400 V=1:100
DWG NO. KN C-18	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

368 293

LEGEND
EXISTING LEFT GROUND LINE
EXISTING RIGHT GROUND LINE
EXISTING BOTTOM LINE
*L/R FACING TO UP STREAM



690

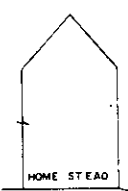


N-23/3
GH=162.0m.

HOME STEAD

PADDY FIELD

WL

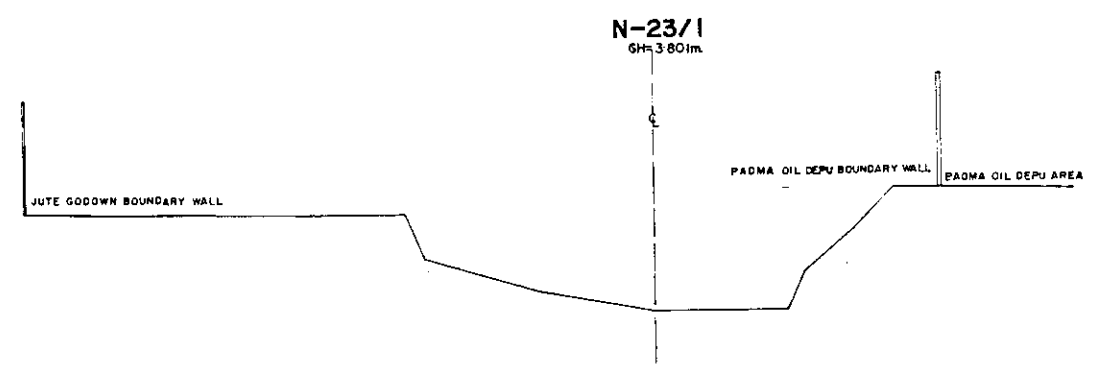


N-23/2
GH=132.00m.

HOME STEAD

PADDY FIELD

WL



N-23/1
GH=138.01m.

JUTE GODOWN BOUNDARY WALL

PADMA OIL DEPU BOUNDARY WALL

PADMA OIL DEPU AREA

#L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-23		SCALE	H=1:200 V=1:100
OWG NO.	KN C-8	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

DL=0.00m. (PWD)

DL=0.00m. (PWD)

DL=0.00m. (PWD)

LEGEND

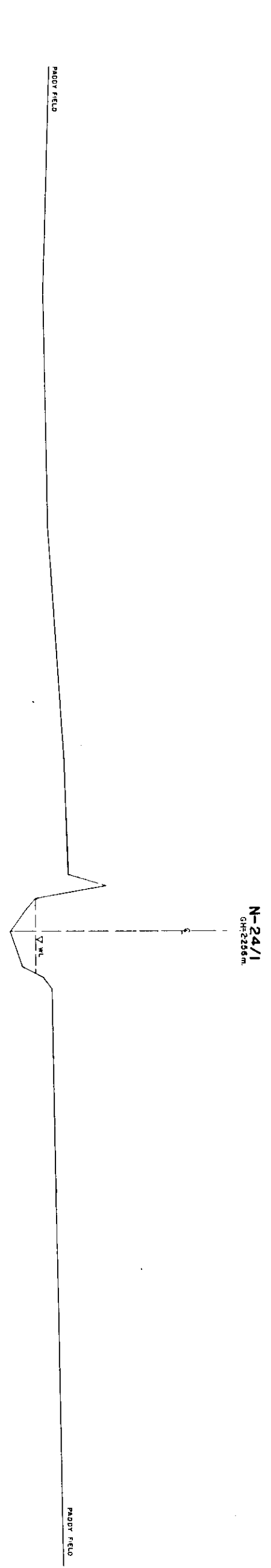
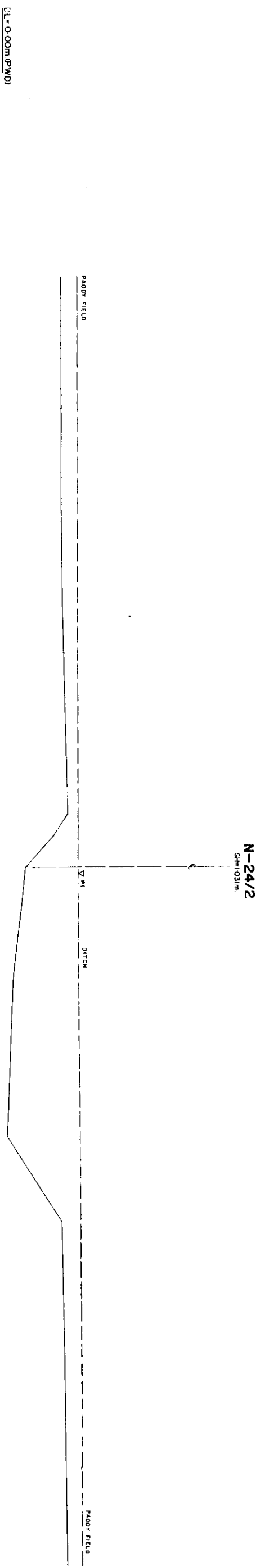
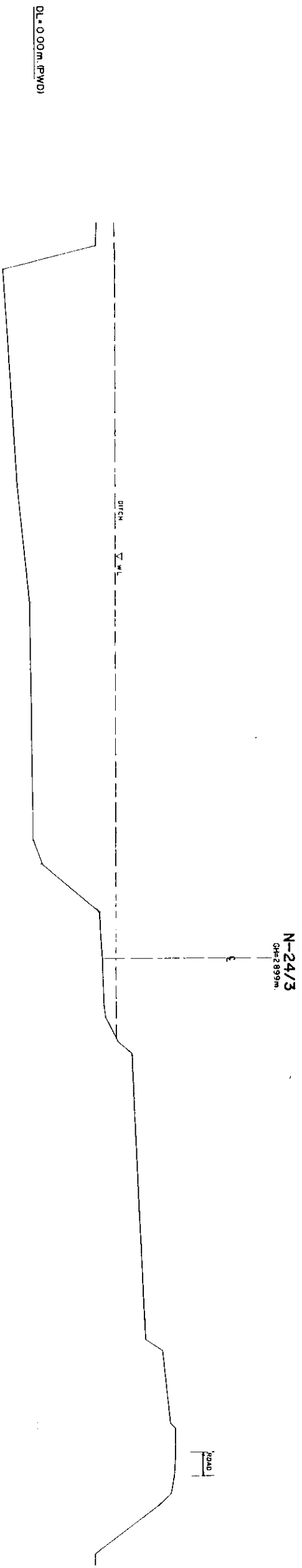
EXISTING LEFT GROUND LINE - - - - -

EXISTING RIGHT GROUND LINE - . . . -

EXISTING BOTTOM LINE _____

*L/R FACING TO UP STREAM

292



* L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF CANAL			
N-24	SCALE	1:100	
DWG NO. KN C-9	DATE	OCTOBER, 1998	
JAPAN INTERNATIONAL COOPERATION AGENCY			

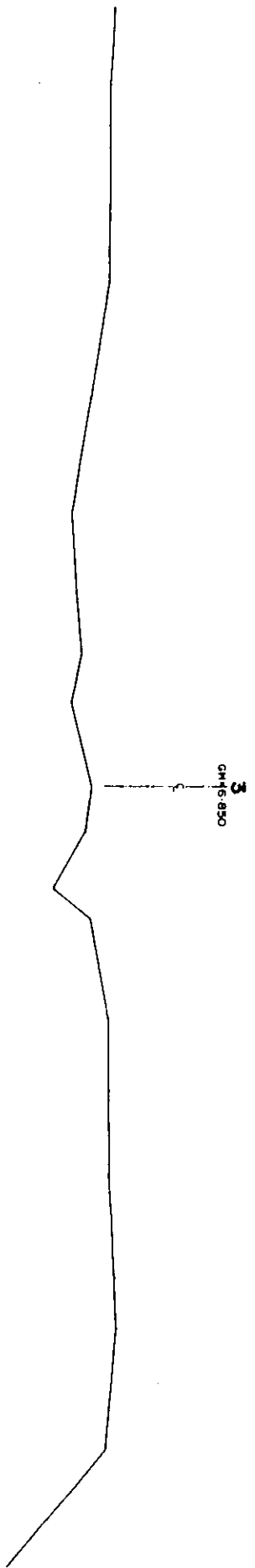
89

6. PUMP STATION

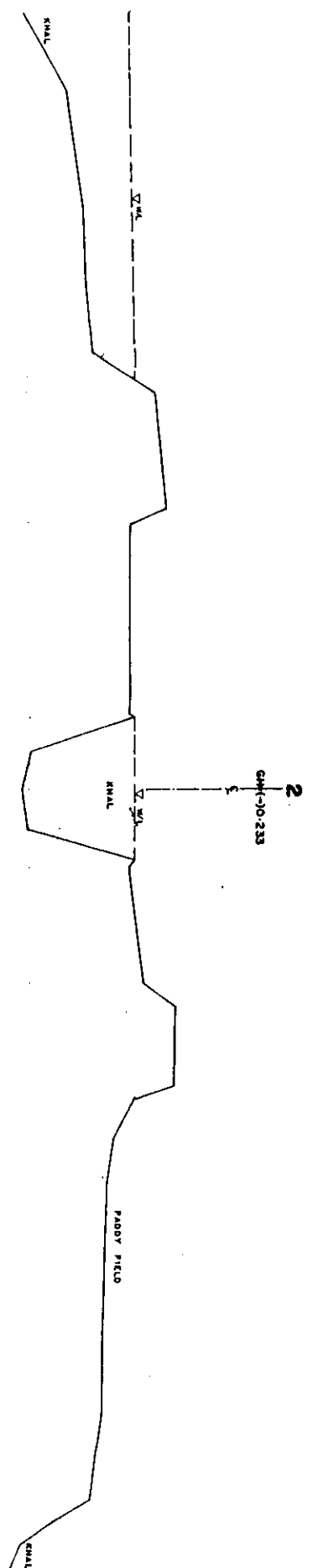
NO. 1, NO. 2, NO. 3, NO. 15, NO. 16
NARAYANGANG (NO. 6 ~ NO. 13)

Note: The Drawings were scaled down to 50% from the original drawings.

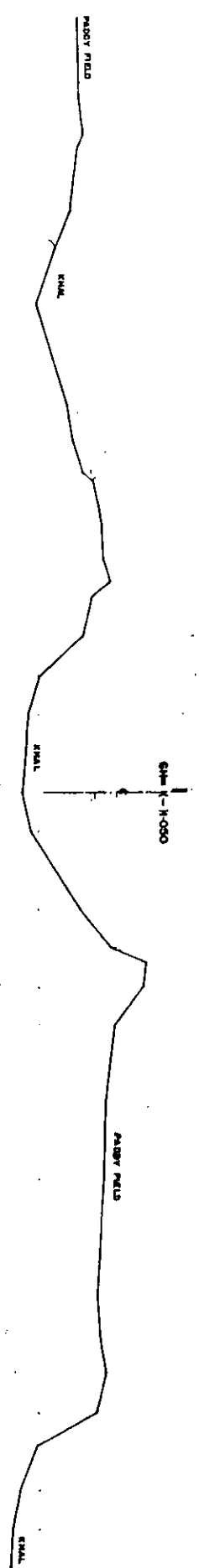
272



DL=0.00m



DL=0.00m

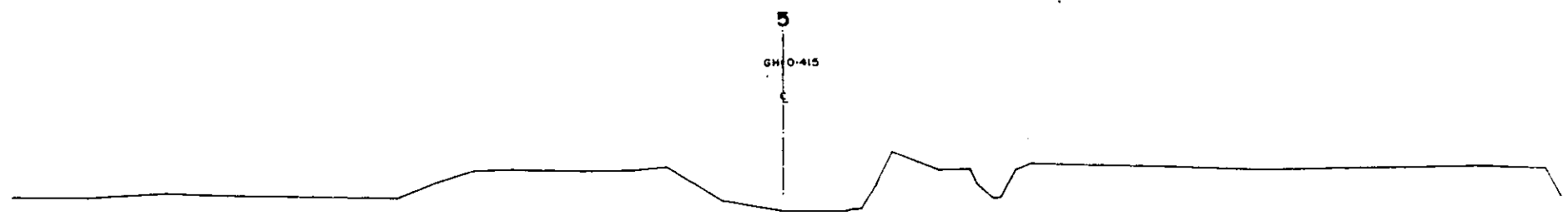


DL=0.00m

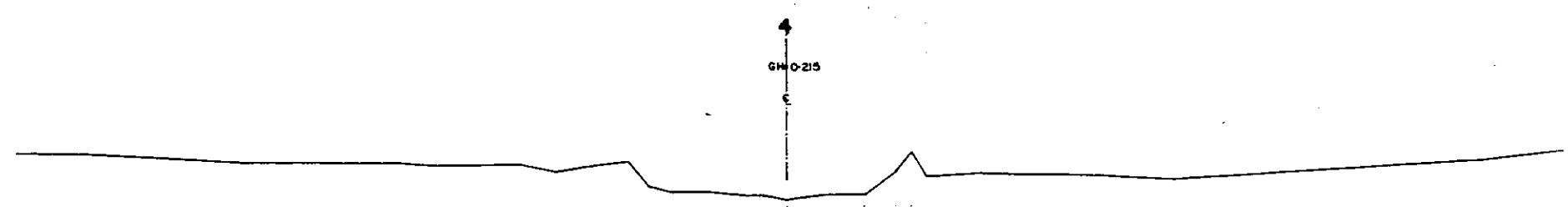
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 1	SCALE	DATE	DATE
P.P.V.C-1	DATE	JUNE, 1994	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

093

DL=0.00m



DL=0.00m



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 1	SCALE	H=1:400 V=1:100	
DWG NO	P.P/WC-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

C/S-5

C/S-4

C/S-3

C/S-2

C/S-1

PROPOSED HOUSING AREA

NEW CANAL

OLD CANAL

PADDY FIELD

MIRPUR

BORROW PIT

FOUNDATION

PADDY FIELD

HIGH LAND

KATON ROAD

NEW CANAL

OLD CANAL

BANK OF CANAL

HOME STEAD



299

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
PROPOSED PUMP STATION TOPOGRAPHIC MAP			
STATION NO. 2	SCALE	1: 500	
DWG. NO. P/2/T-1	DATE	JUNE 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

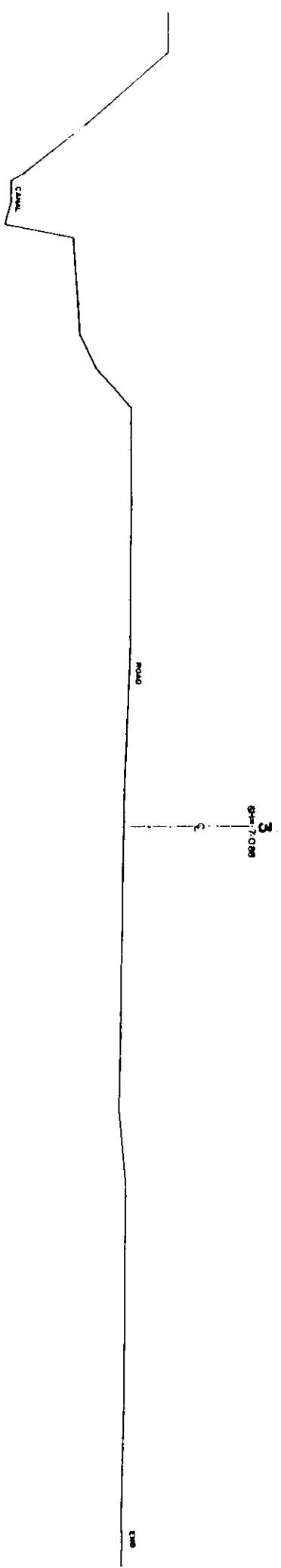
C/S-5

C/S-4

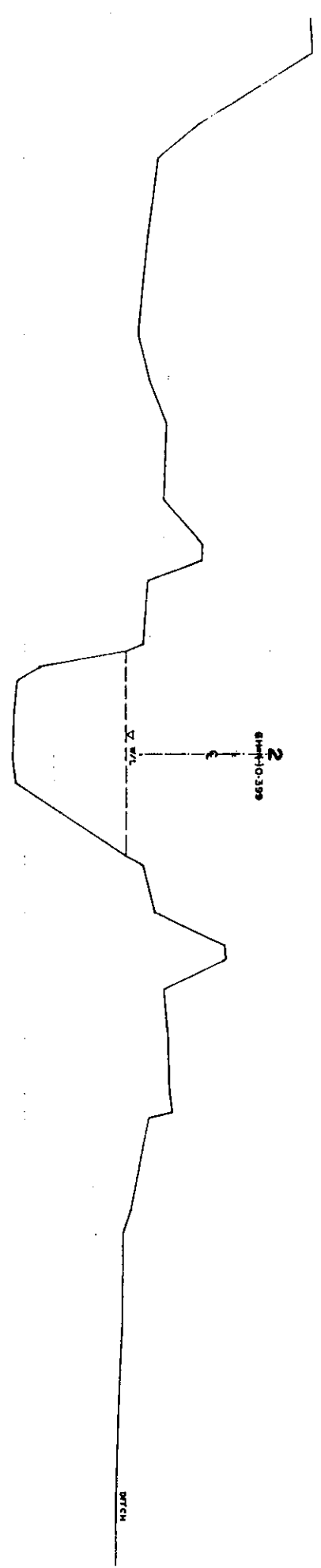
C/S-3

C/S-2

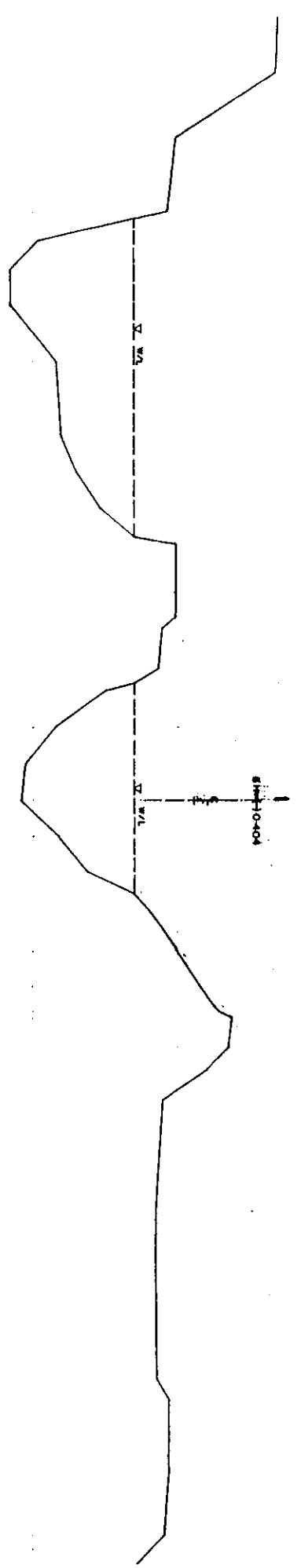
C/S-1



DL=0.00m



DL=0.00m

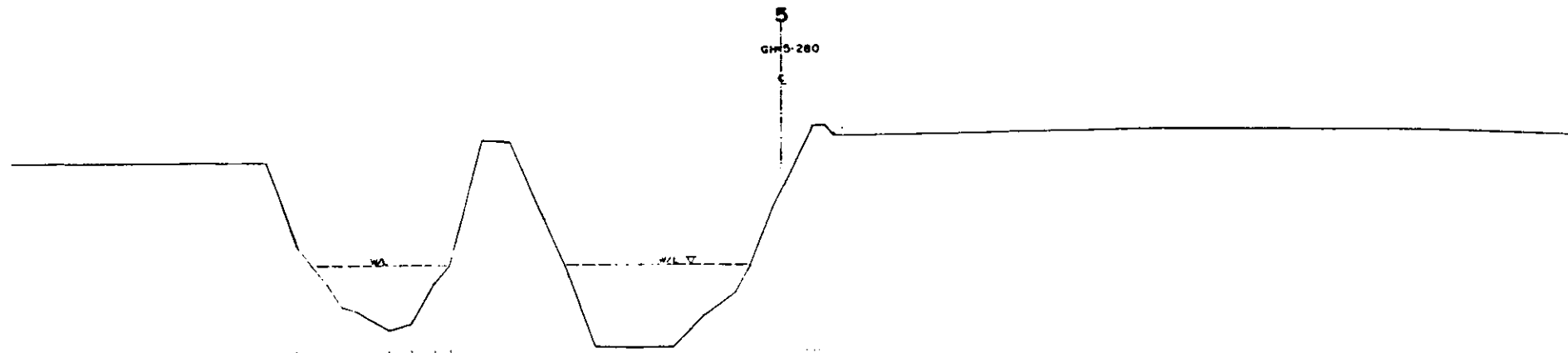


DL=0.00m

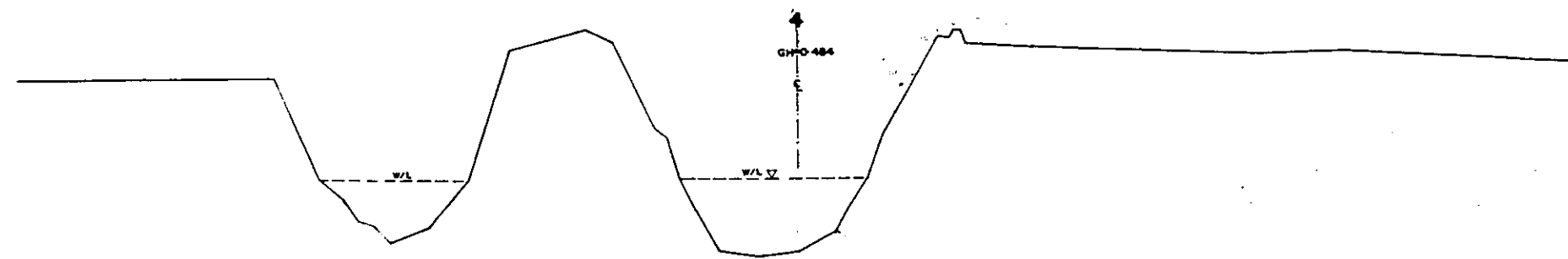
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 2	SCALE	1:100	DATE
BP2/C-1	DATE	JUNE, 198	
JAPAN INTERNATIONAL COOPERATION AGENCY			

372

DL=0.00m

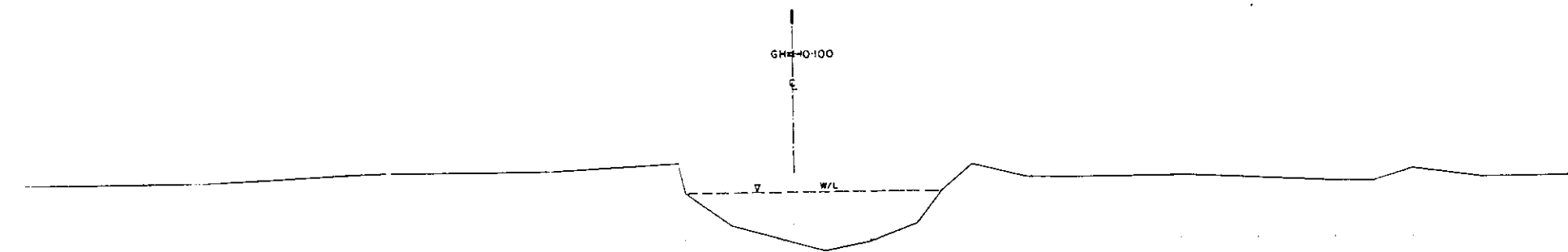
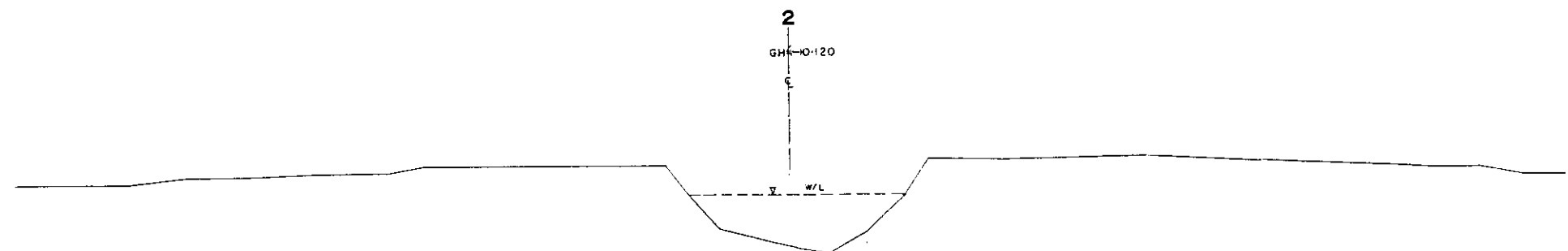
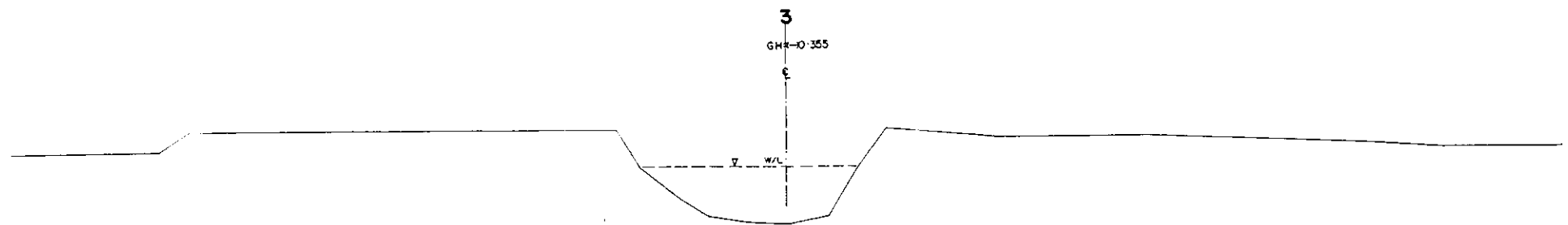


DL=0.00m



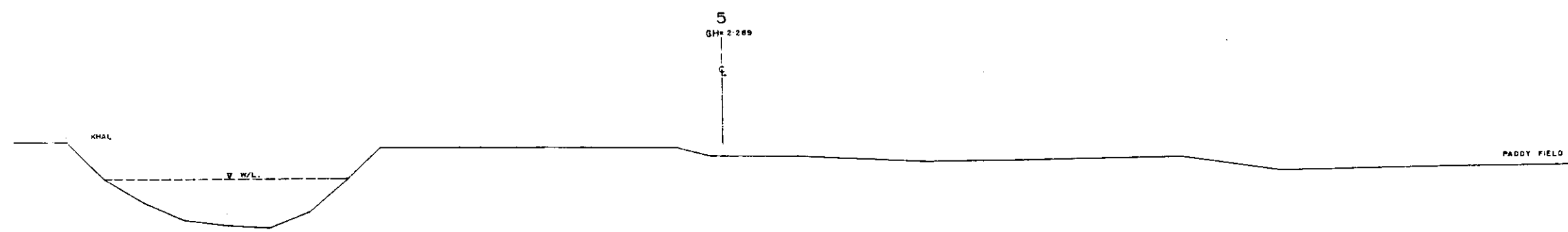
GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO.2	SCALE	HW 1:400	VT 1:100
DWG NO	P.P2/C-2	DATE	JUNE, 1994
JAPAN INTERNATIONAL COOPERATION AGENCY			

682

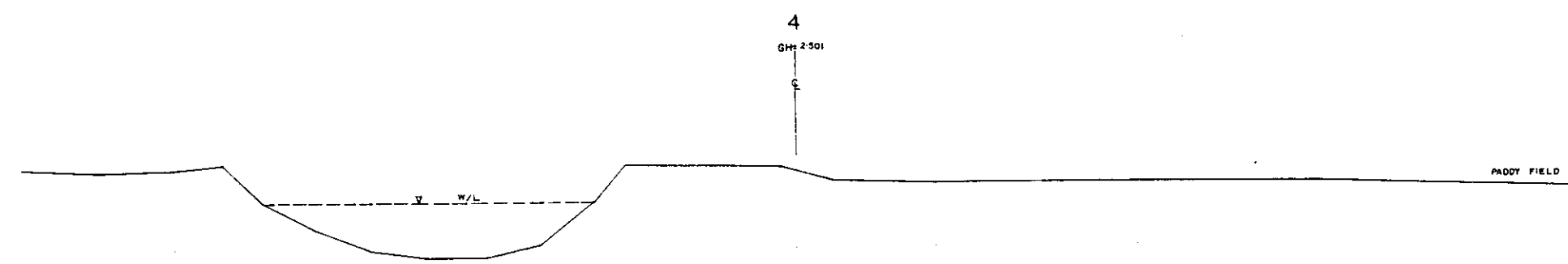


GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA PUMP STATION CROSS SECTION			
STATION NO. 4	SCALE	H=1:400 V=1:100	
DWG. NO.	P.P.4/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

68



DL=D-00m

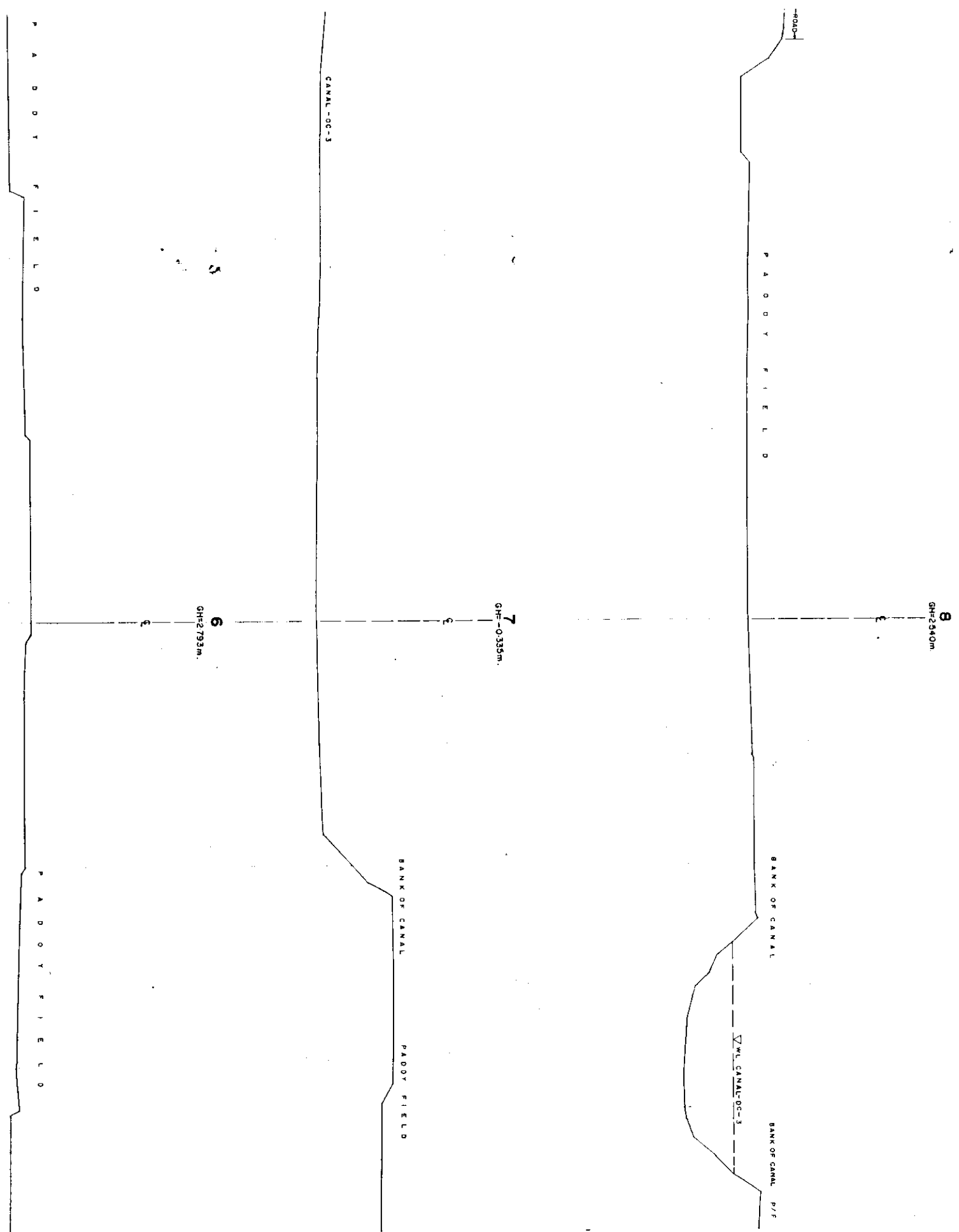


DL=0-00m

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 4		SCALE	H=1:400 V=1:100
DWG NO.	PP4/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

2/10

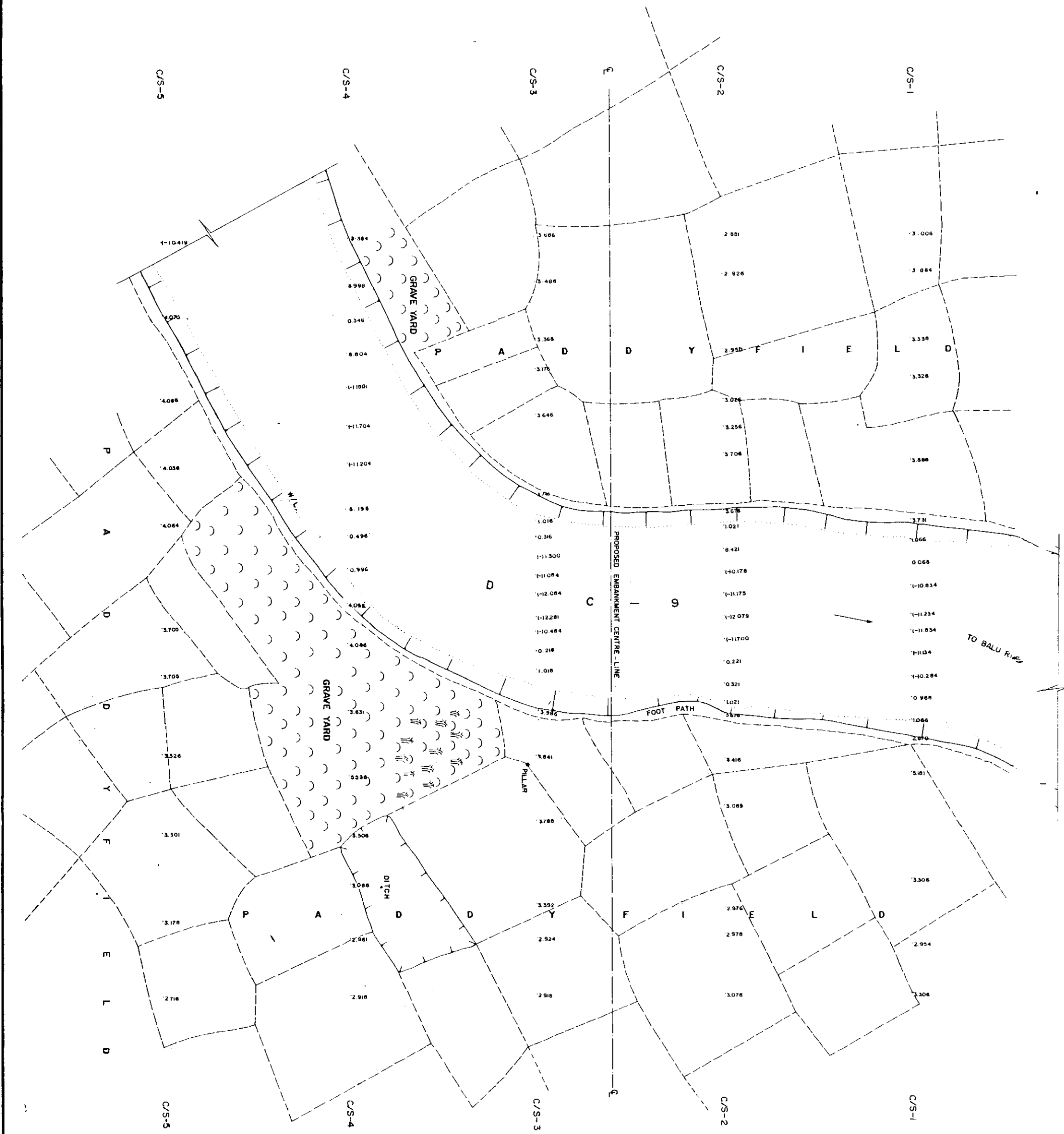
DL=0.00m. (GTS)



DL=0.00m. (GTS)

DL=0.00m. (GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO.-4	SCALE	DATE	1:100
PP 4/C-3		OCTOBER, 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND

1. Structure, Permanent, Semi-permanent, Under-construction
2. Timber, Not, Timber or steel
3. Masonry, Brick, Church, Temple, Government
4. Road, Concrete, Asphalt, Gravel, Unimproved
5. Road, Earth, Gravel, Unimproved
6. Road, Concrete, Asphalt, Gravel, Unimproved
7. Road, Concrete, Asphalt, Gravel, Unimproved
8. Road, Concrete, Asphalt, Gravel, Unimproved
9. Road, Concrete, Asphalt, Gravel, Unimproved
10. Road, Concrete, Asphalt, Gravel, Unimproved
11. Road, Concrete, Asphalt, Gravel, Unimproved
12. Road, Concrete, Asphalt, Gravel, Unimproved
13. Road, Concrete, Asphalt, Gravel, Unimproved
14. Road, Concrete, Asphalt, Gravel, Unimproved
15. Road, Concrete, Asphalt, Gravel, Unimproved
16. Road, Concrete, Asphalt, Gravel, Unimproved
17. Road, Concrete, Asphalt, Gravel, Unimproved
18. Road, Concrete, Asphalt, Gravel, Unimproved
19. Road, Concrete, Asphalt, Gravel, Unimproved

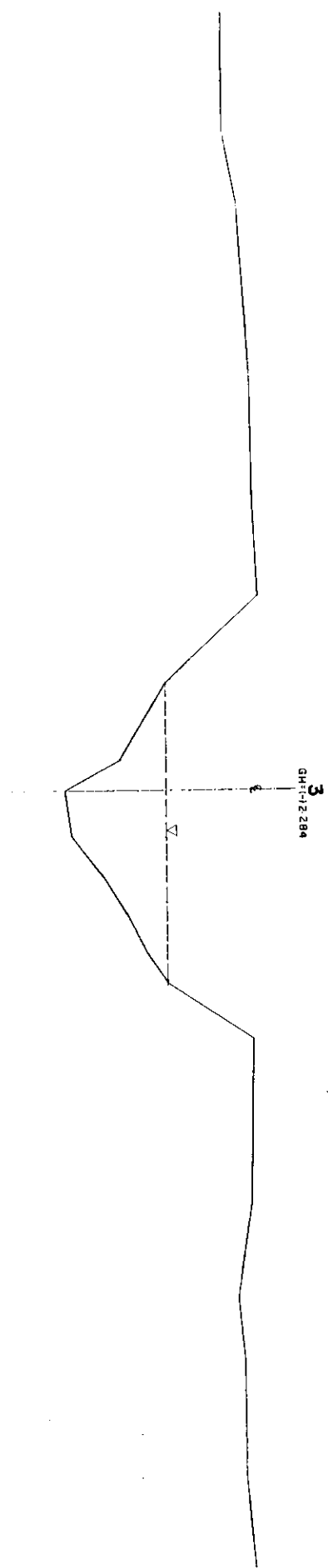
TOPOGRAPHIC MAP

STATION NO. 5 SCALE 1:500
DATE JUNE 1991
JAPAN INTERNATIONAL CO. OPERATION AGENCY

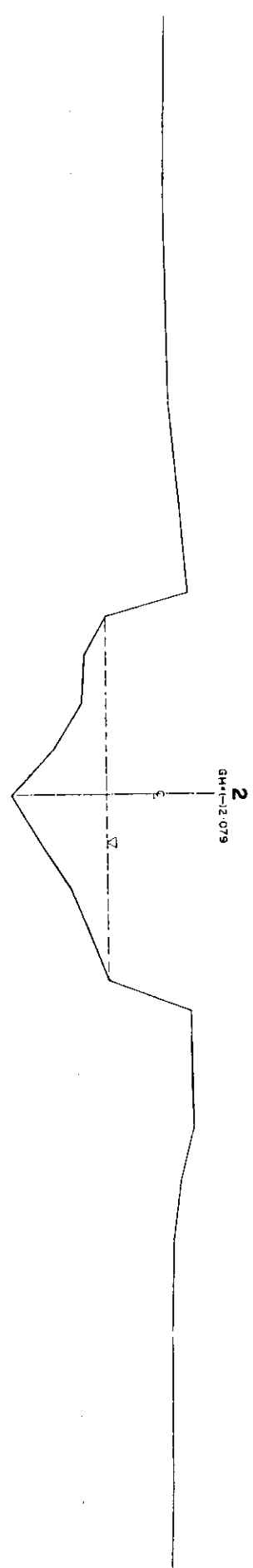
678

DA 9

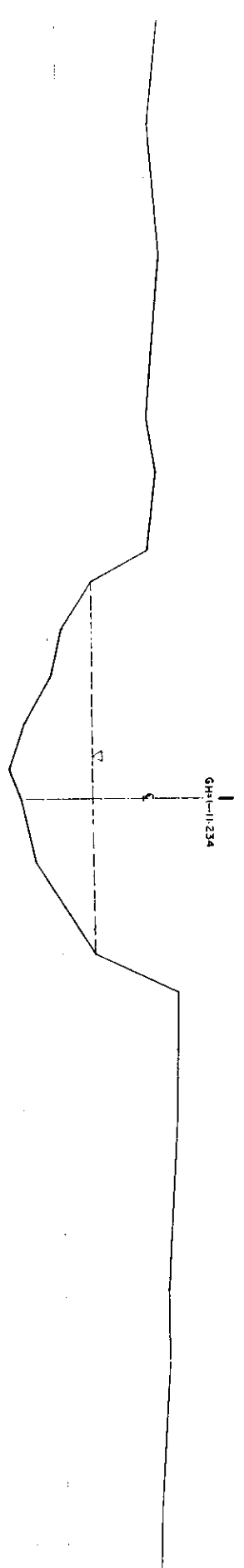
DL=0.000



DL=0.000

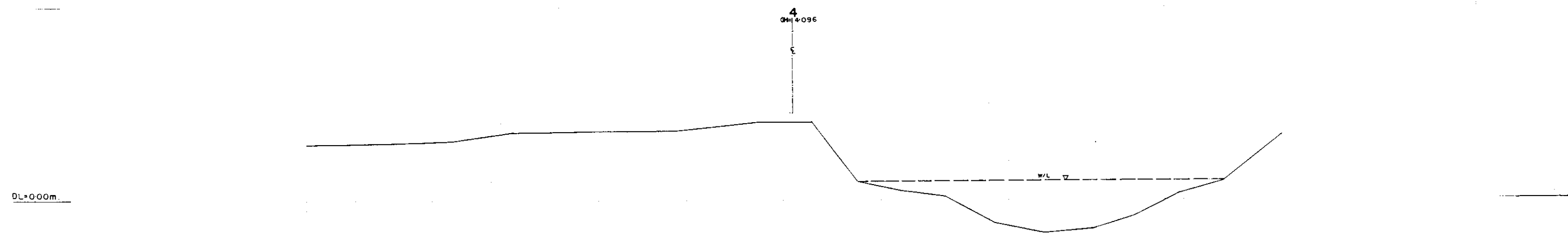
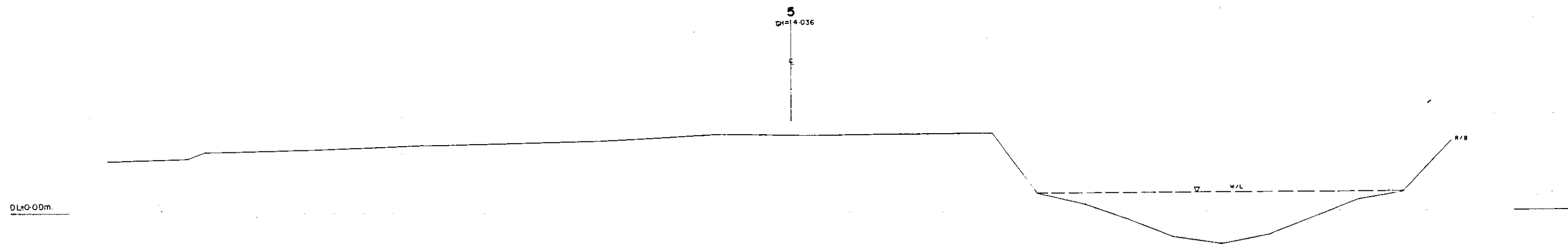


DL=0.000



GREATER DHAKA PROTECTION PROJECT				
(STUDY IN DHAKA METROPOLITAN AREA)				
BANGLADESH FLOOD ACTION PLAN NO.8A				
DHAKA METROPOLITAN AREA				
PUMP STATION				
CROSS SECTION				
STATION NO.	5	SCALE	H=1:400 V=1:100	
DWG. NO.	PPS/C-1	DATE	JUNE, 1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY				

083 3



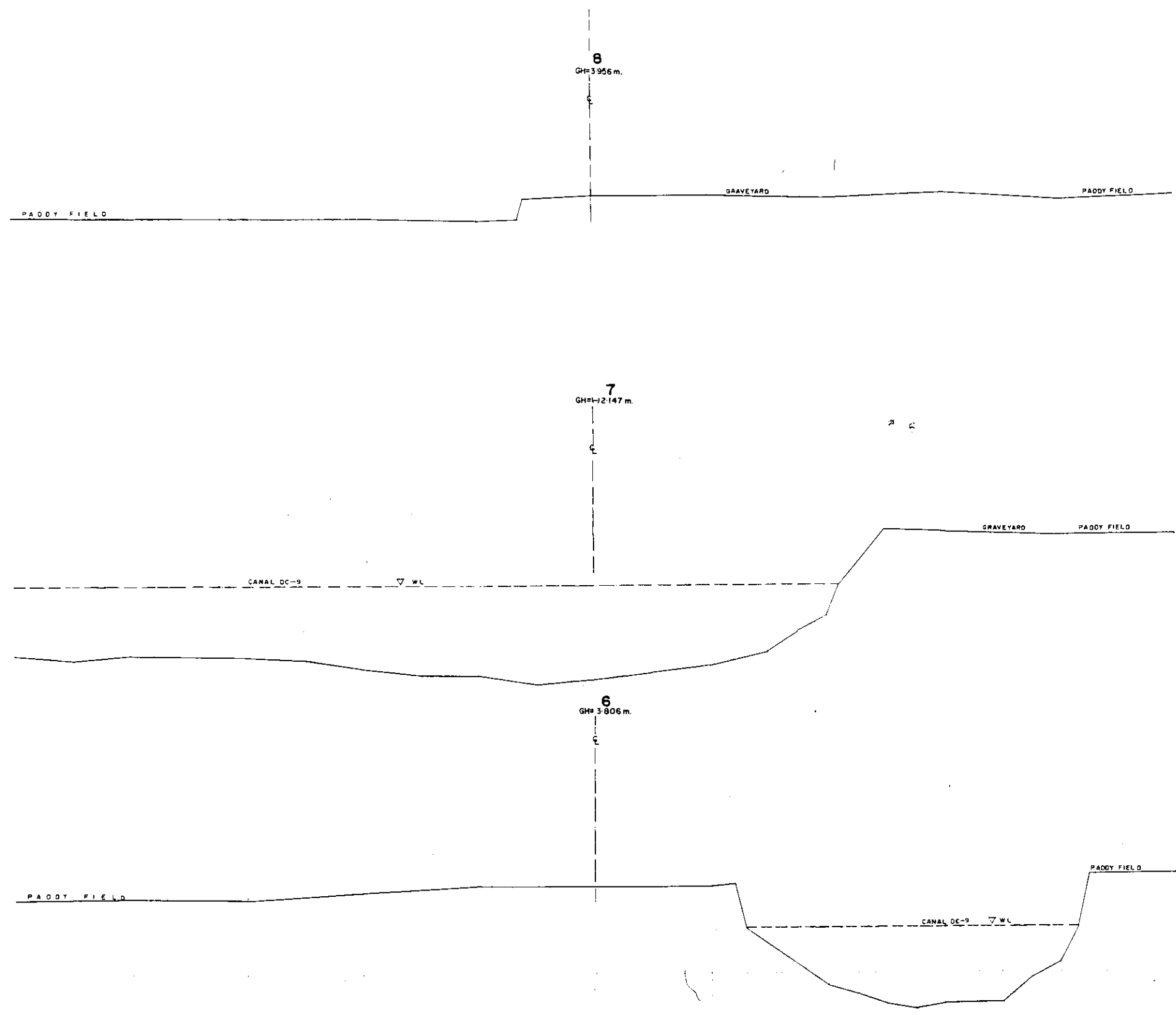
SAR

308

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 5	SCALE	H=1:400 V=1:200	
DWG NO	PP5/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

083

069

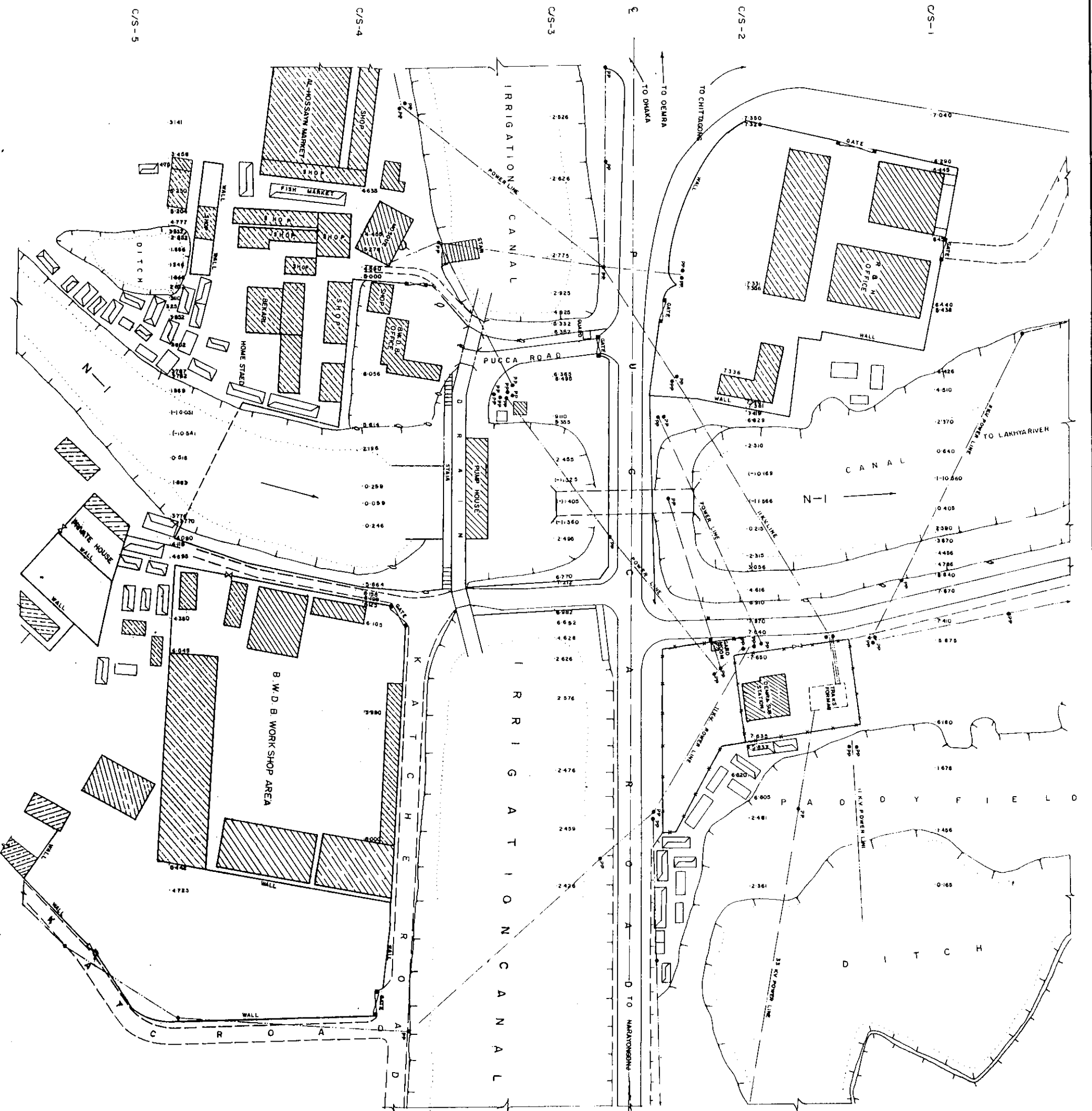


DL=0.00m.(GTS)

DL=0.00m.(GTS)

DL=0.00m.(GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO-5	SCALE	H=1:400 V=1:100	
DWG NO	PP 5 /C- 3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND

- 1. Structure, Foundation, Superstructure, Substructure
- 2. Tunnel, Pier, Bridge, and
- 3. Retaining Wall, Culvert, Tunnel, Covered
- 4. Roadway, Culvert, Tunnel, Covered
- 5. Roadway, Culvert, Tunnel, Covered
- 6. Roadway, Culvert, Tunnel, Covered
- 7. Roadway, Culvert, Tunnel, Covered
- 8. Roadway, Culvert, Tunnel, Covered
- 9. Roadway, Culvert, Tunnel, Covered
- 10. Roadway, Culvert, Tunnel, Covered
- 11. Roadway, Culvert, Tunnel, Covered
- 12. Roadway, Culvert, Tunnel, Covered
- 13. Roadway, Culvert, Tunnel, Covered
- 14. Roadway, Culvert, Tunnel, Covered
- 15. Roadway, Culvert, Tunnel, Covered
- 16. Roadway, Culvert, Tunnel, Covered
- 17. Roadway, Culvert, Tunnel, Covered
- 18. Roadway, Culvert, Tunnel, Covered

PROPOSED PUMP STATION TOPOGRAPHIC MAP

STATION NO. 6

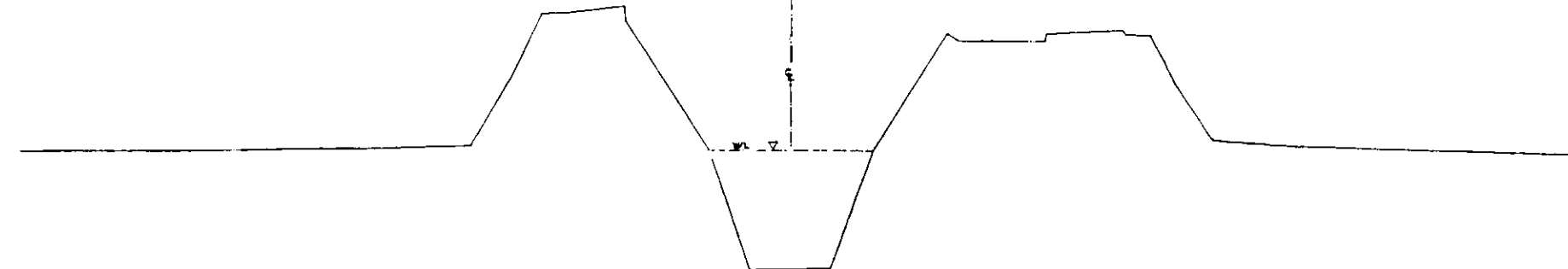
SCALE 1:500

DATE JUNE 1991

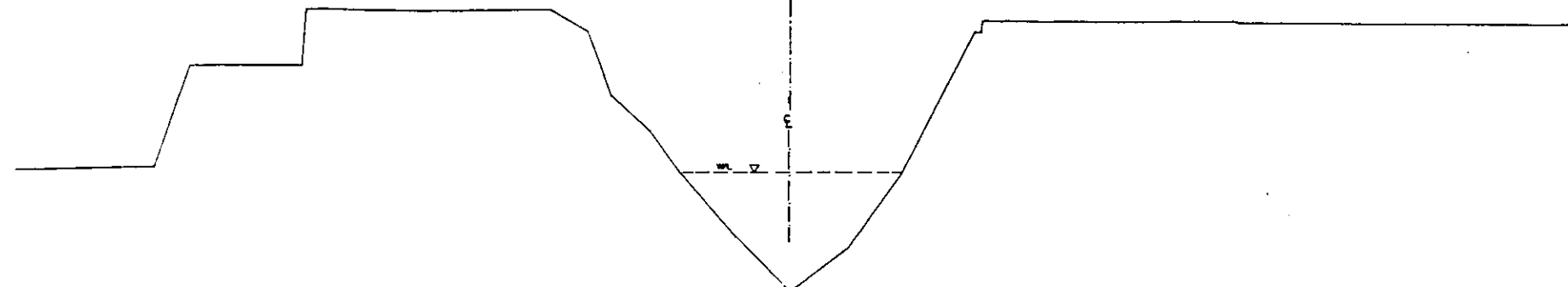
JAPAN INTERNATIONAL CO-OPERATION AGENCY

6/7

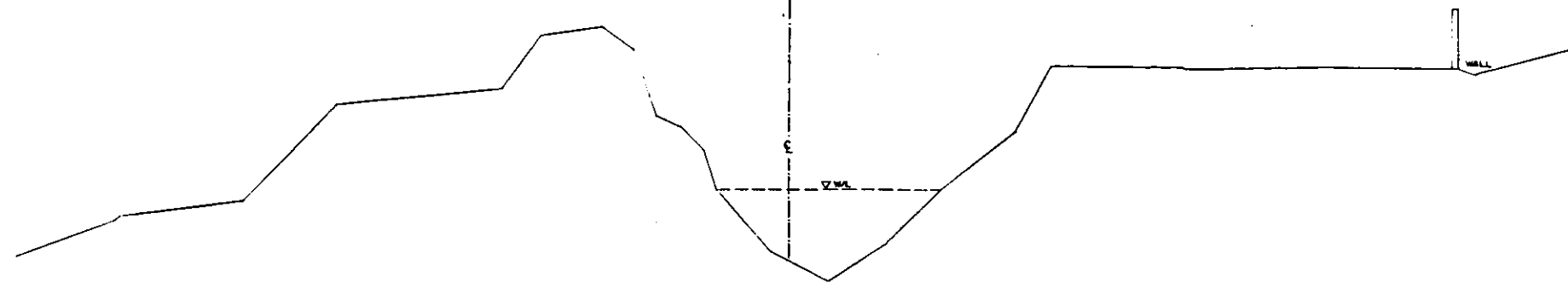
3
G.M. 11.400



2
G.M. 11.585



1
G.M. 0.400



DL=0.00m.

DL=0.00m.

DL=0.00m.

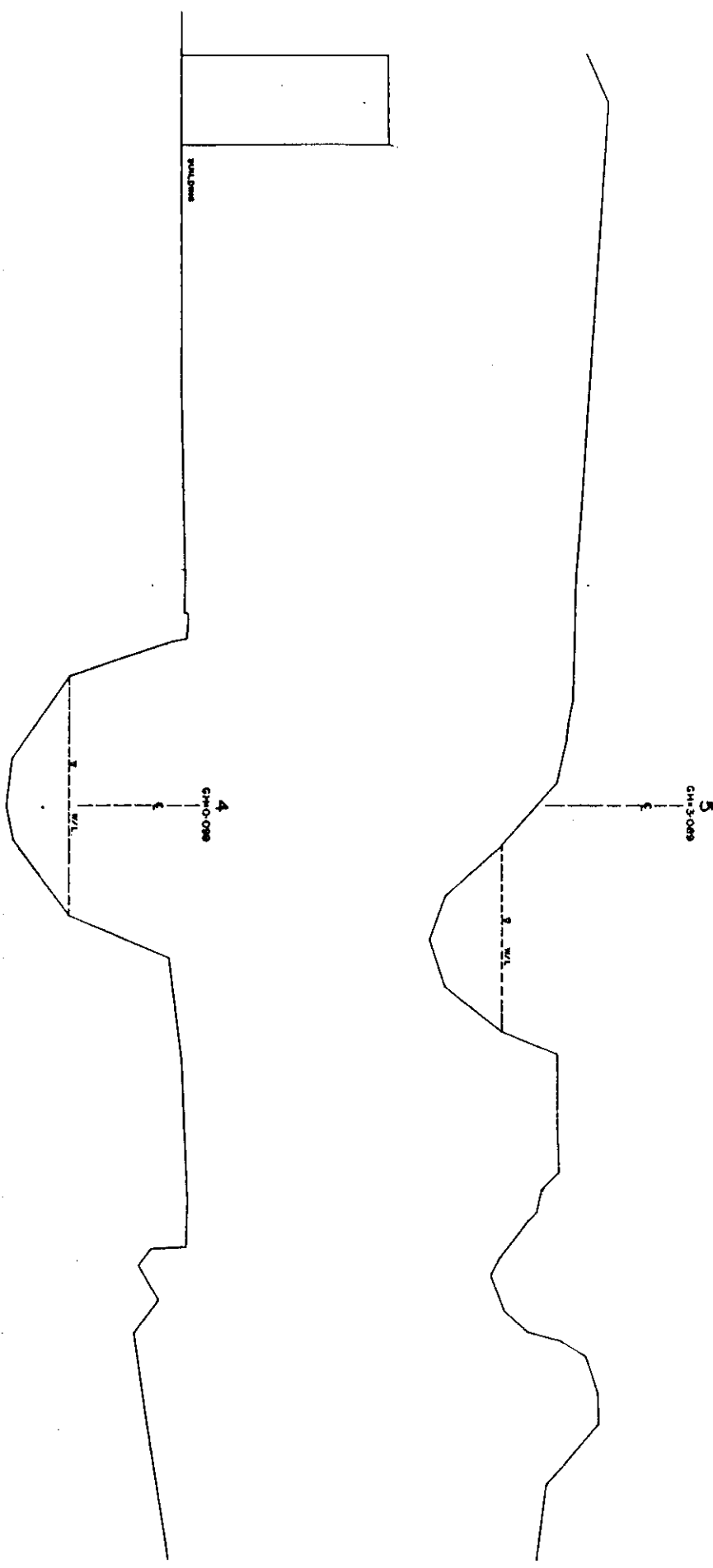
388

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA PUMP STATION CROSS SECTION		
STATION NO.6	SCALE	H: 1:400 V: 1:100
DWG NO. P. P6/C-1	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

20

DL=0-00m.

DL=0-00m.



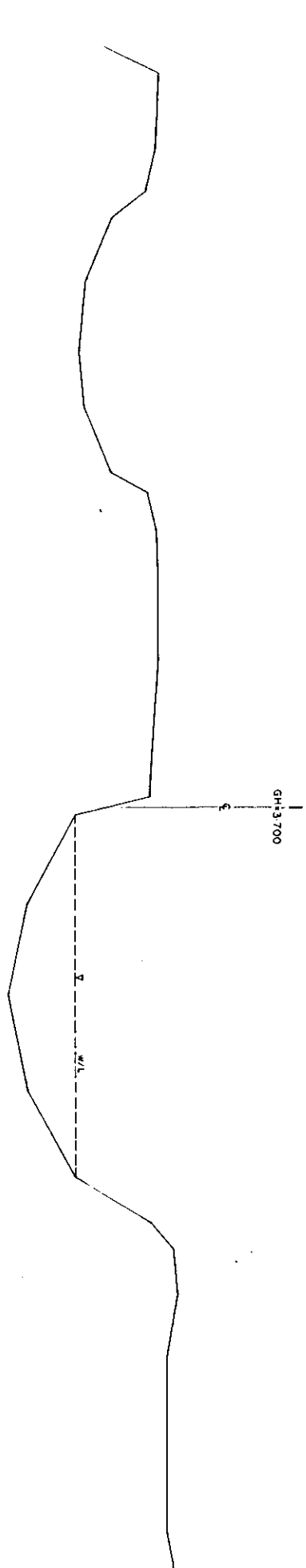
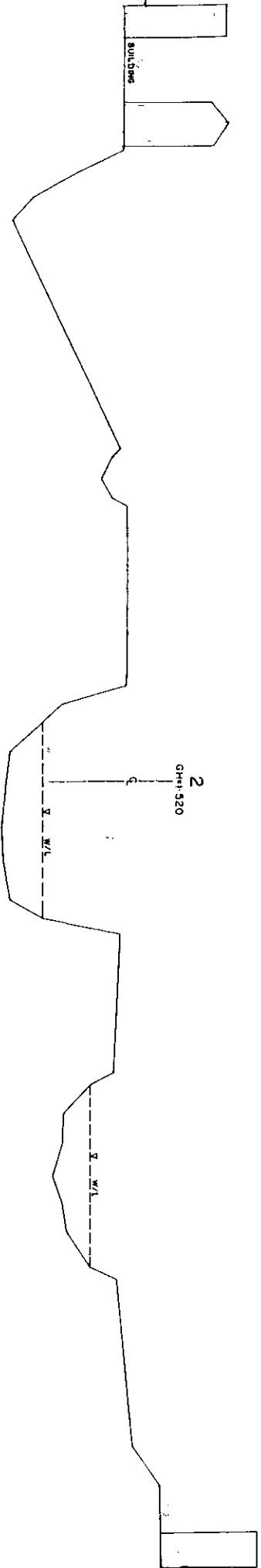
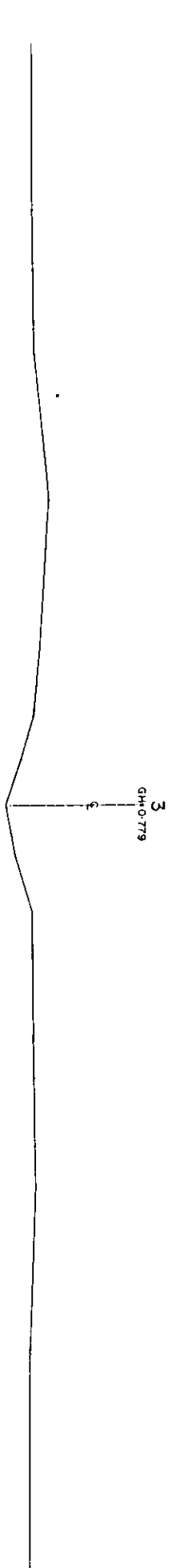
GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO.6A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS-SECTION			
STATION NO. 6	SCALE	H=1:400 V=1:100	
DWG NO. RP/6/C-2	DATE	JUN. 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			

002

DL=0.00m.

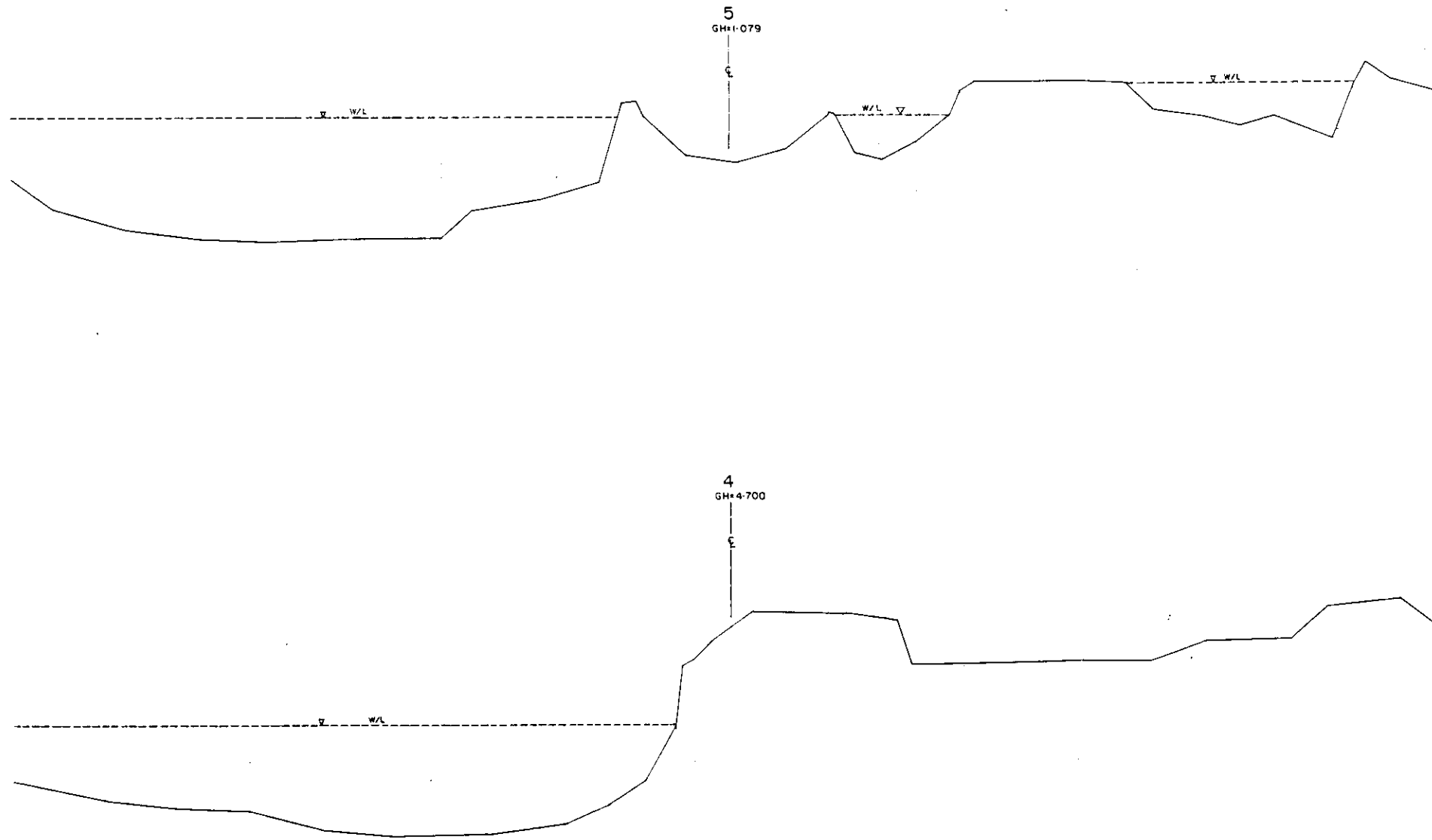
DL=0.00m.

DL=0.00m.



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS-SECTION			
STATION NO. 7	SCALE	N=1:400	
DWG NO. PPT/C-1	DATE	JUNE, 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			

62



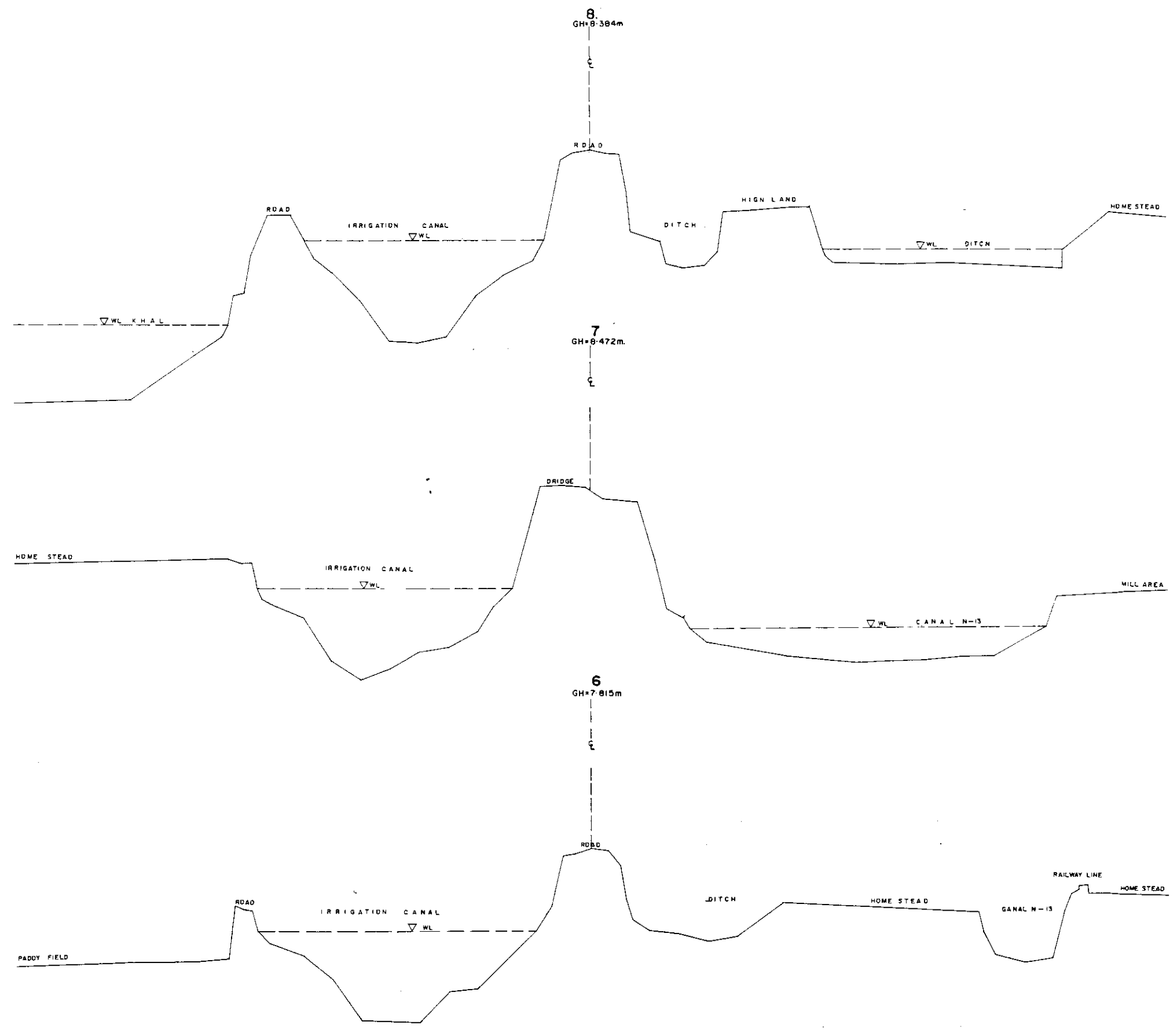
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
PUMP STATION		
CROSS-SECTION		
STATION NO. 7	SCALE	H=1:400 V=1:100
DWG NO. RP7/C-2	DATE	JUNE, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

678

DL=0.00m (GTS)

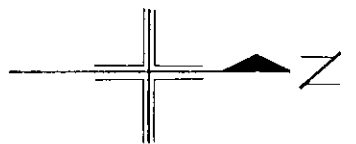
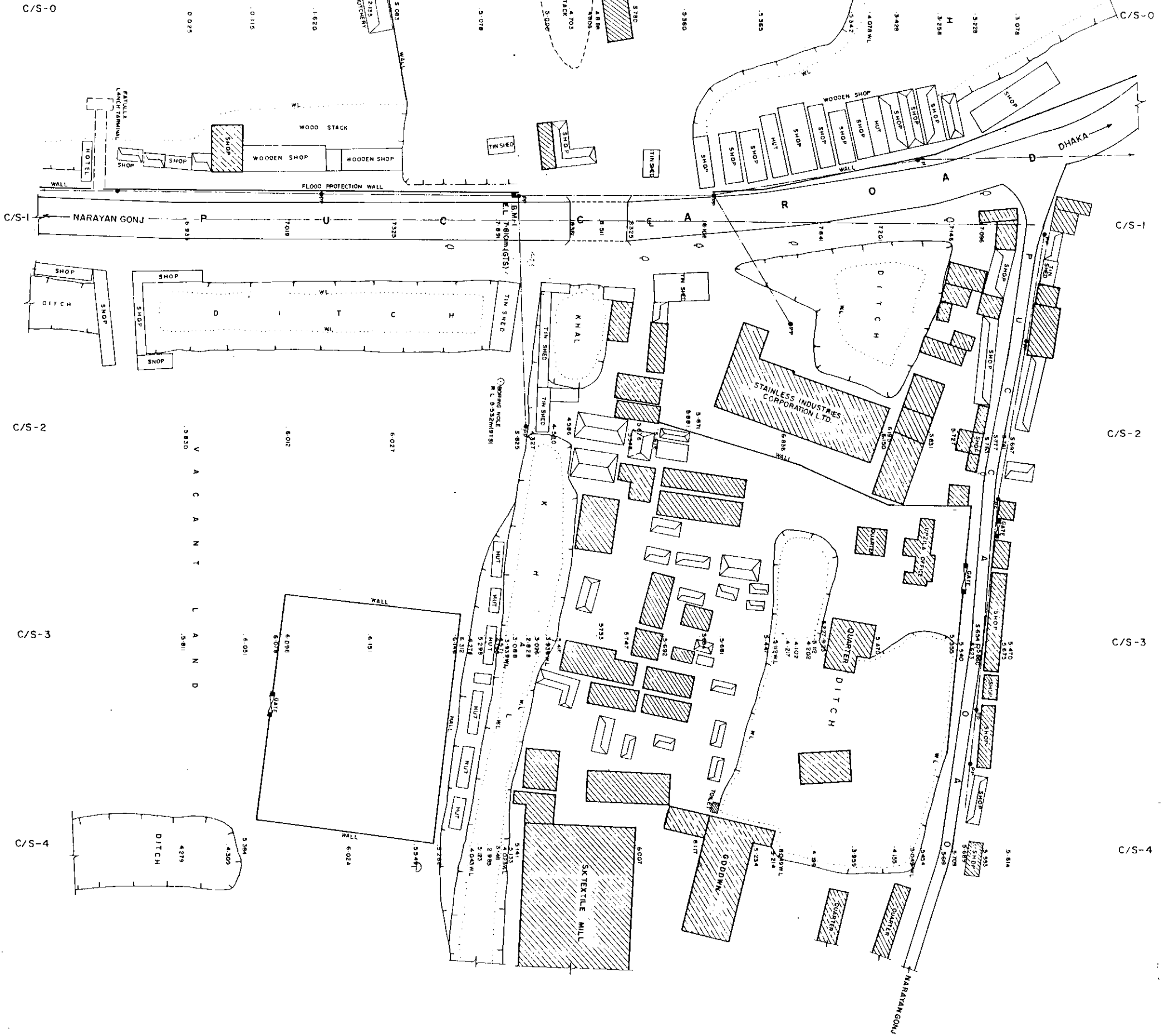
DL=0.00m (GTS)

DL=0.00m (GTS)



GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 7		SCALE	H=1:400 V=1:100
DWG NO.	PP 7/C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

B U R I G A N G A R I V E R

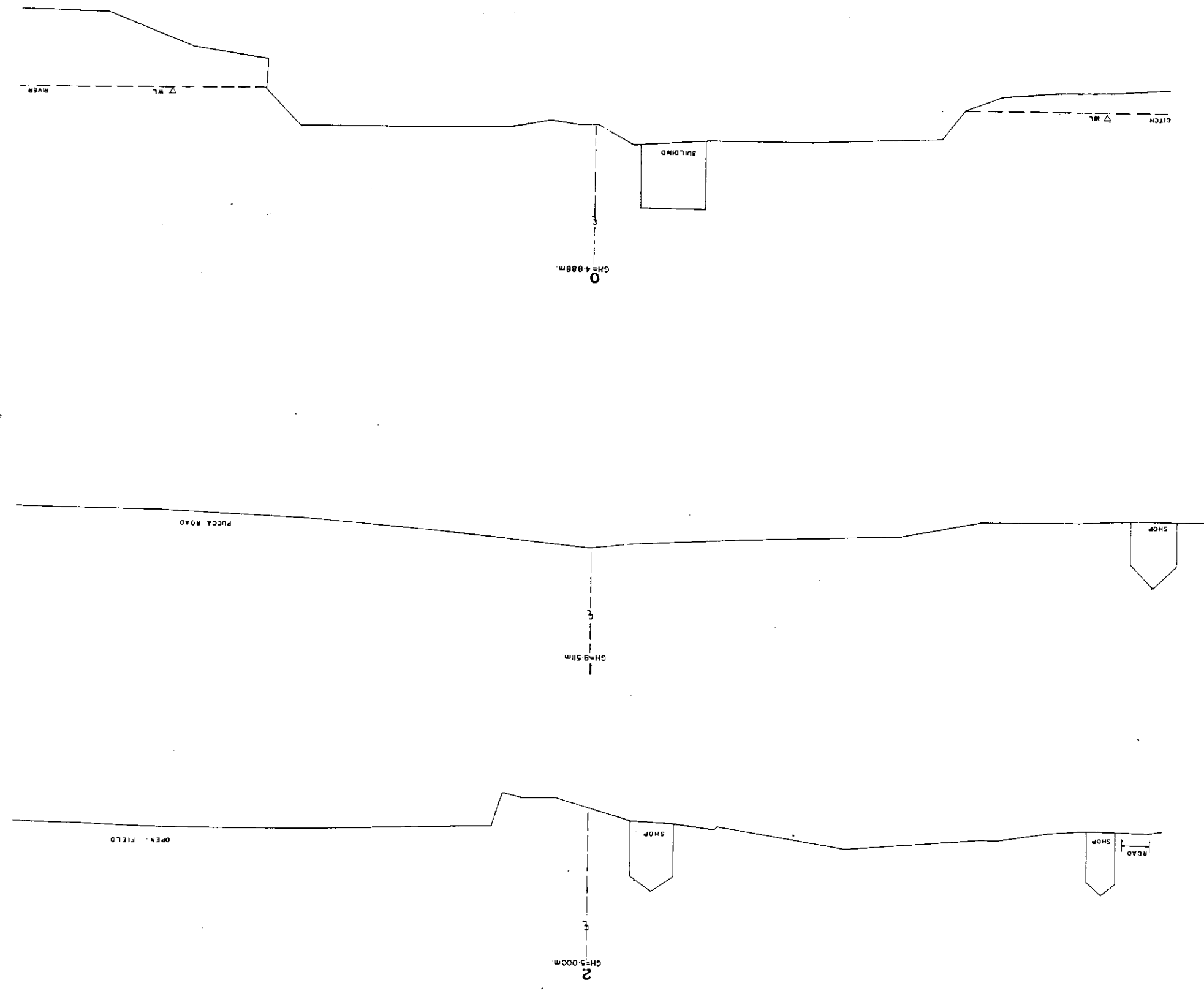


GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 8A
PROPOSED PUMP STATION
TOPOGRAPHIC MAP
STATION NO. 8
SCALE 1:5000
PP 8/T-1
DATE OCTOBER, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY

DL=0+00m (GTS)

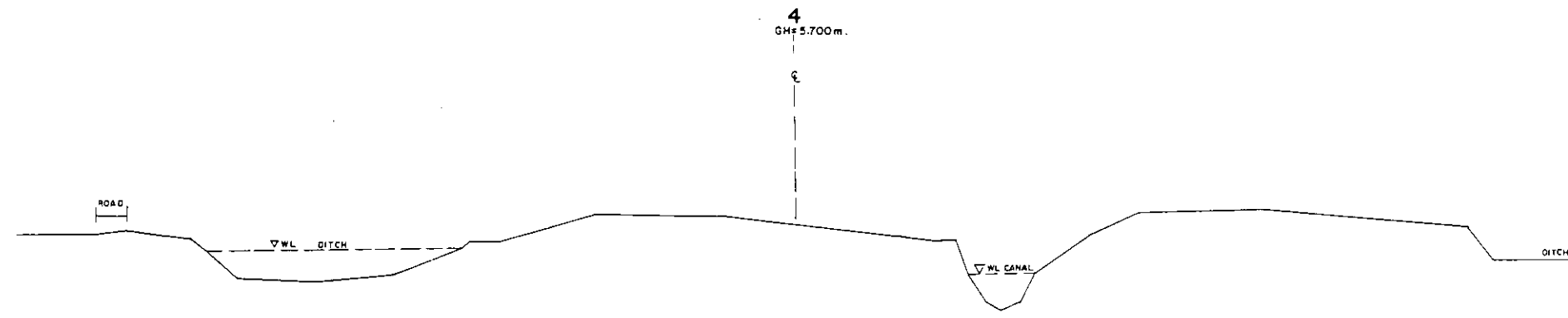
DL=0+00m (GTS)

DL=0+00m (GTS)

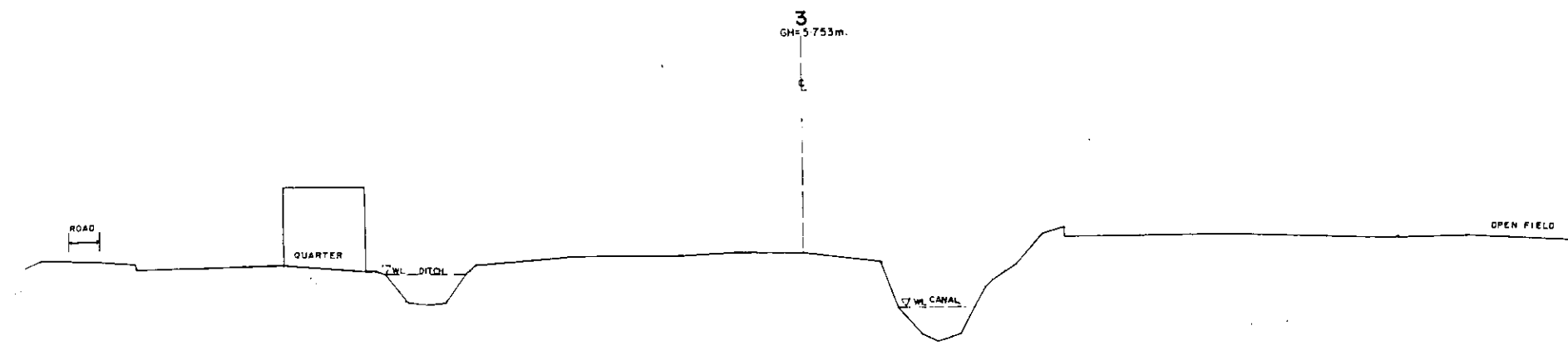


JAPAN INTERNATIONAL COOPERATION AGENCY			
OWG NO.	PPB/C-1	DATE	OCTOBER, 1991
STATION NO.	8	SCALE	1:400
PUMP STATION CROSS SECTION			
DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. BA			
STUDY IN DHAKA METROPOLITAN AREA			
GREATER DHAKA PROTECTION PROJECT			

9029



DL=0.00m (GTS)



DL=0.00m (GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION. NO-- 8		SCALE	H=1:400 V=1:100
DWGNO.	PP.6/C-2	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

C/S-0

C/S-1

C/S-2

C/S-3

C/S-4

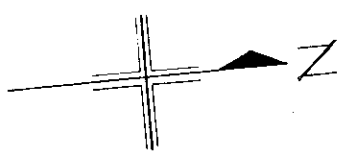
C/S-0

C/S-1

C/S-2

C/S-3

C/S-4



206

LEGEND

- 1. Structure / Permanent / Temporary / Under construction
- 2. Inland / 3. Embankment / 4. Flooded / 5. Flooded / 6. Flooded / 7. Flooded / 8. Flooded / 9. Flooded / 10. Flooded / 11. Flooded / 12. Flooded / 13. Flooded / 14. Flooded / 15. Flooded / 16. Flooded / 17. Flooded / 18. Flooded / 19. Flooded / 20. Flooded

GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO.8A

PROPOSED PUMP STATION
TOPOGRAPHIC MAP

STATION NO. 9	SCALE	1:500
DWG. NO. PP9/T-1	DATE	OCTOBER, 1991

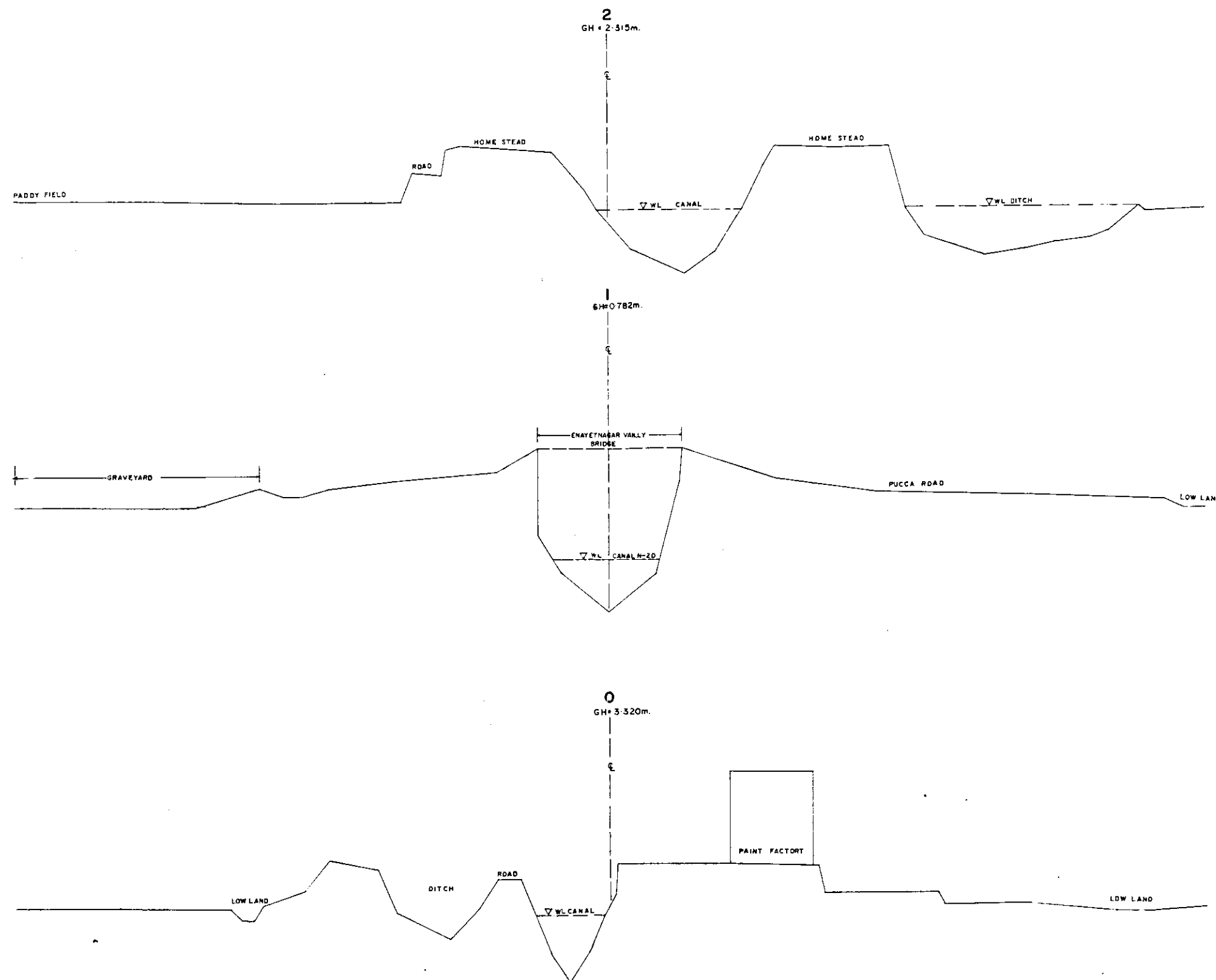
JAPAN INTERNATIONAL CO-OPERATION AGENCY

৩৩৩

DL=0.00m.(GTS)

DL=0.00m.(GTS)

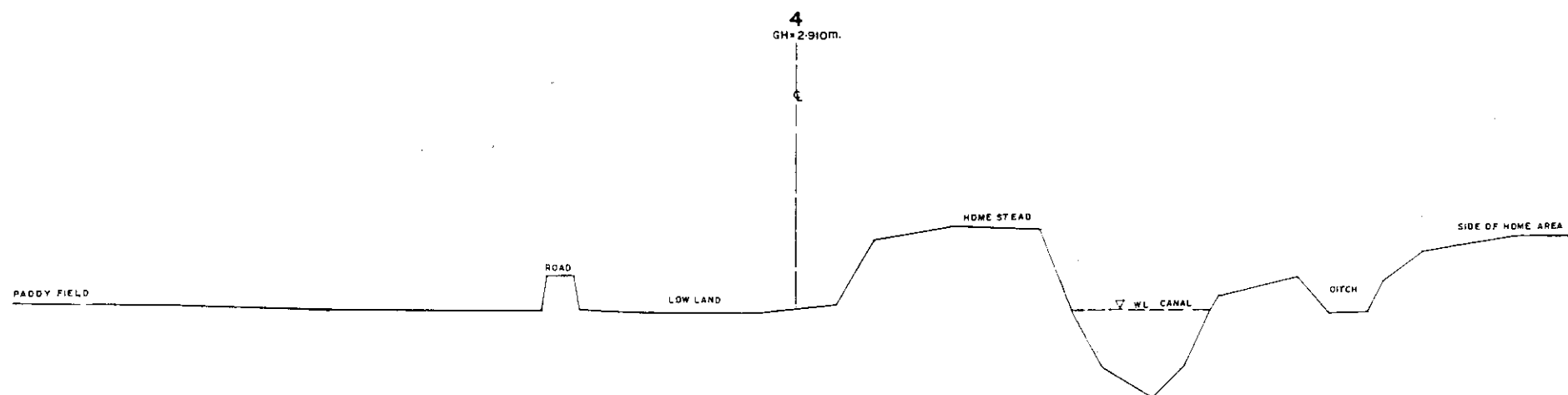
DL=0.00m.(GTS)



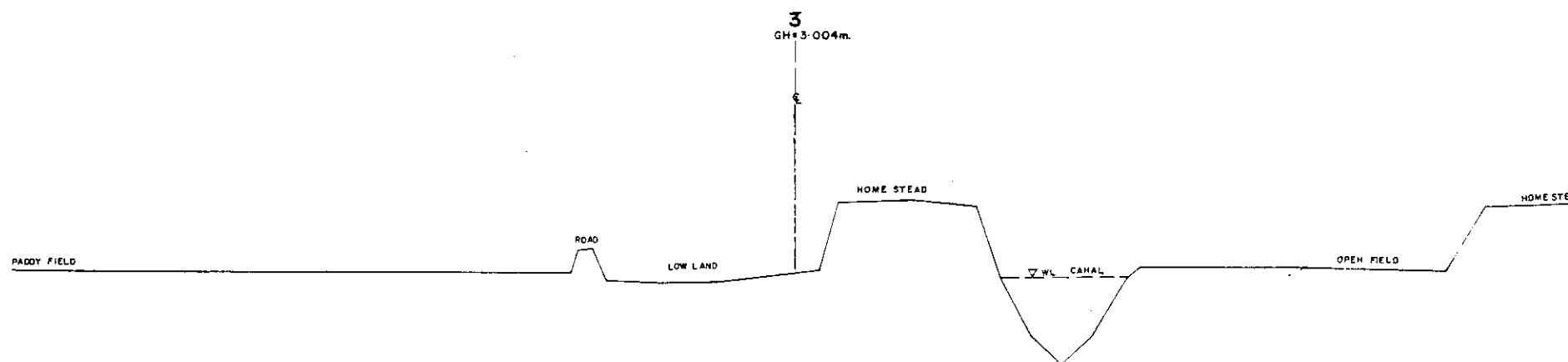
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO-9		SCALE	H=1:400 V=1:100
OWG NO.	PP 9/C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

PR

850



DL=0.00m.(GTS)



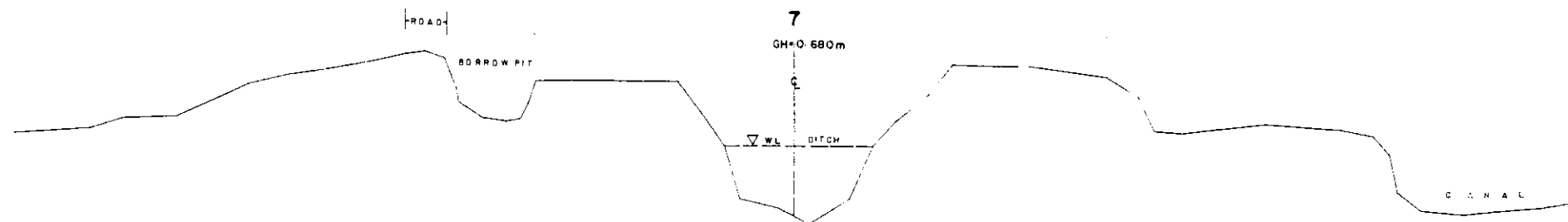
DL=0.00m.(GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO.-9		SCALE	H=1:400 V=1:100
DWGNO.	PP 9/C-2	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

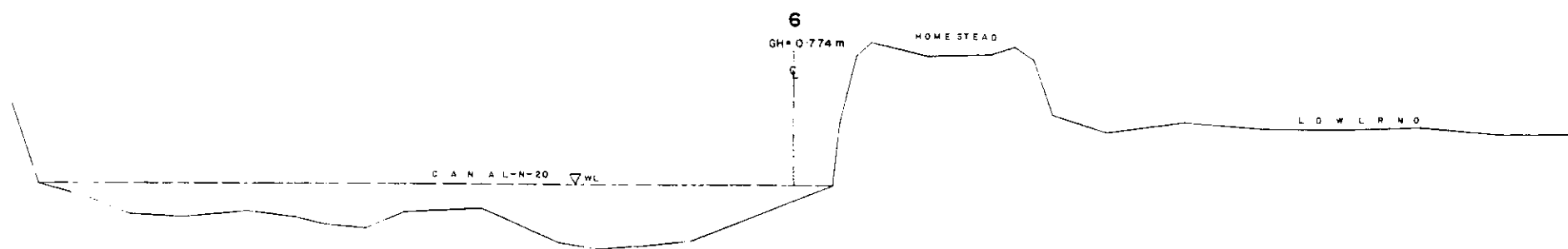
29

200

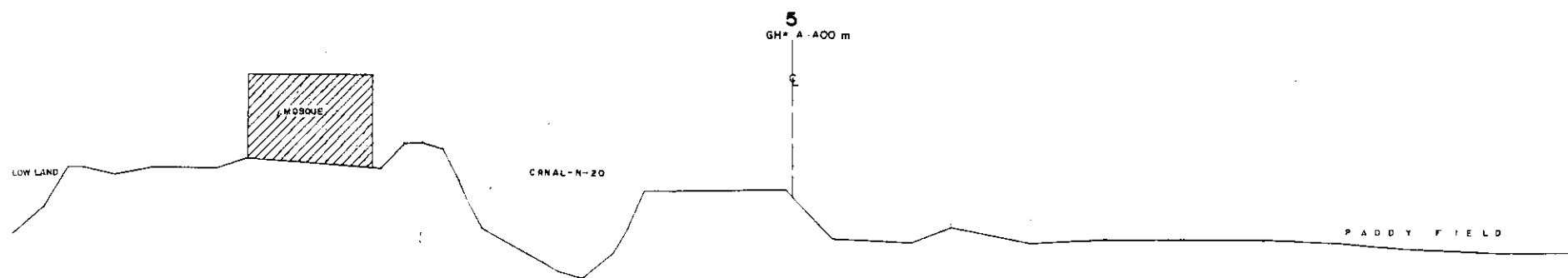
DL = 0.00m (GTS)



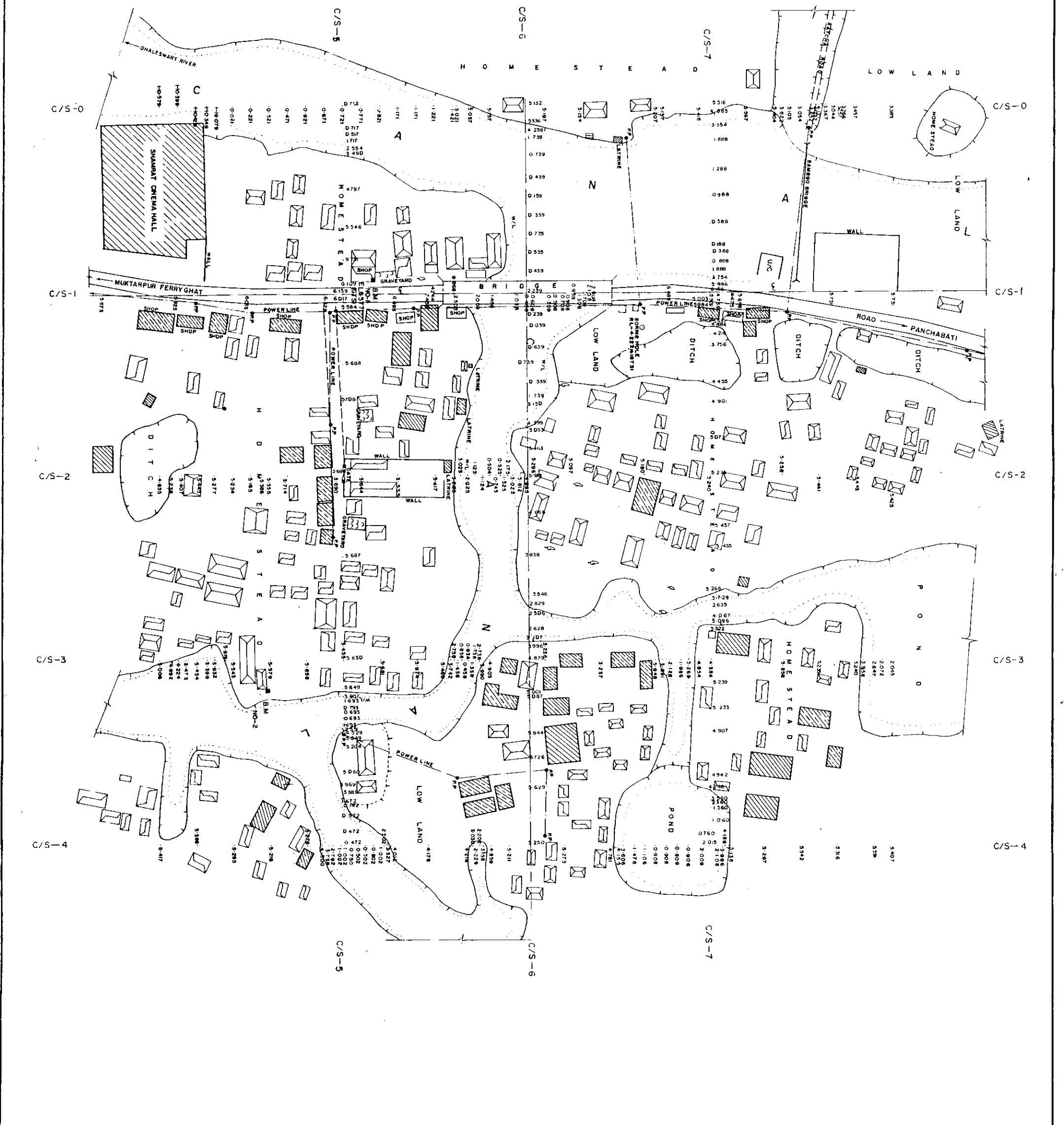
DL = 0.00m (GTS)



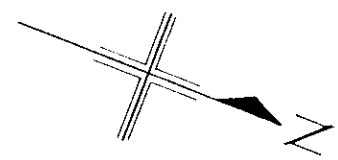
DL = 0.00m (GTS)



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION CROSS SECTION			
STATION NO. 9		SCALE	H = 1:400 V = 1:100
DWG NO.	PP 9/C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



- LEGEND**
1. Structure, Pump Station, Under Construction
 2. Proposed Road, Temporary Road
 3. Boundary Line, Chain Survey
 4. Boundary Line, Survey
 5. Boundary Line, Survey
 6. Boundary Line, Survey
 7. Boundary Line, Survey
 8. Boundary Line, Survey
 9. Boundary Line, Survey
 10. Boundary Line, Survey
 11. Boundary Line, Survey
 12. Boundary Line, Survey
 13. Boundary Line, Survey
 14. Boundary Line, Survey
 15. Boundary Line, Survey
 16. Boundary Line, Survey
 17. Boundary Line, Survey
 18. Boundary Line, Survey
 19. Boundary Line, Survey
 20. Boundary Line, Survey
 21. Boundary Line, Survey
 22. Boundary Line, Survey
 23. Boundary Line, Survey
 24. Boundary Line, Survey
 25. Boundary Line, Survey
 26. Boundary Line, Survey
 27. Boundary Line, Survey
 28. Boundary Line, Survey
 29. Boundary Line, Survey
 30. Boundary Line, Survey
 31. Boundary Line, Survey
 32. Boundary Line, Survey
 33. Boundary Line, Survey
 34. Boundary Line, Survey
 35. Boundary Line, Survey
 36. Boundary Line, Survey
 37. Boundary Line, Survey
 38. Boundary Line, Survey
 39. Boundary Line, Survey
 40. Boundary Line, Survey
 41. Boundary Line, Survey
 42. Boundary Line, Survey
 43. Boundary Line, Survey
 44. Boundary Line, Survey
 45. Boundary Line, Survey
 46. Boundary Line, Survey
 47. Boundary Line, Survey
 48. Boundary Line, Survey
 49. Boundary Line, Survey
 50. Boundary Line, Survey
 51. Boundary Line, Survey
 52. Boundary Line, Survey
 53. Boundary Line, Survey
 54. Boundary Line, Survey
 55. Boundary Line, Survey
 56. Boundary Line, Survey
 57. Boundary Line, Survey
 58. Boundary Line, Survey
 59. Boundary Line, Survey
 60. Boundary Line, Survey
 61. Boundary Line, Survey
 62. Boundary Line, Survey
 63. Boundary Line, Survey
 64. Boundary Line, Survey
 65. Boundary Line, Survey
 66. Boundary Line, Survey
 67. Boundary Line, Survey
 68. Boundary Line, Survey
 69. Boundary Line, Survey
 70. Boundary Line, Survey
 71. Boundary Line, Survey
 72. Boundary Line, Survey
 73. Boundary Line, Survey
 74. Boundary Line, Survey
 75. Boundary Line, Survey
 76. Boundary Line, Survey
 77. Boundary Line, Survey
 78. Boundary Line, Survey
 79. Boundary Line, Survey
 80. Boundary Line, Survey
 81. Boundary Line, Survey
 82. Boundary Line, Survey
 83. Boundary Line, Survey
 84. Boundary Line, Survey
 85. Boundary Line, Survey
 86. Boundary Line, Survey
 87. Boundary Line, Survey
 88. Boundary Line, Survey
 89. Boundary Line, Survey
 90. Boundary Line, Survey
 91. Boundary Line, Survey
 92. Boundary Line, Survey
 93. Boundary Line, Survey
 94. Boundary Line, Survey
 95. Boundary Line, Survey
 96. Boundary Line, Survey
 97. Boundary Line, Survey
 98. Boundary Line, Survey
 99. Boundary Line, Survey
 100. Boundary Line, Survey

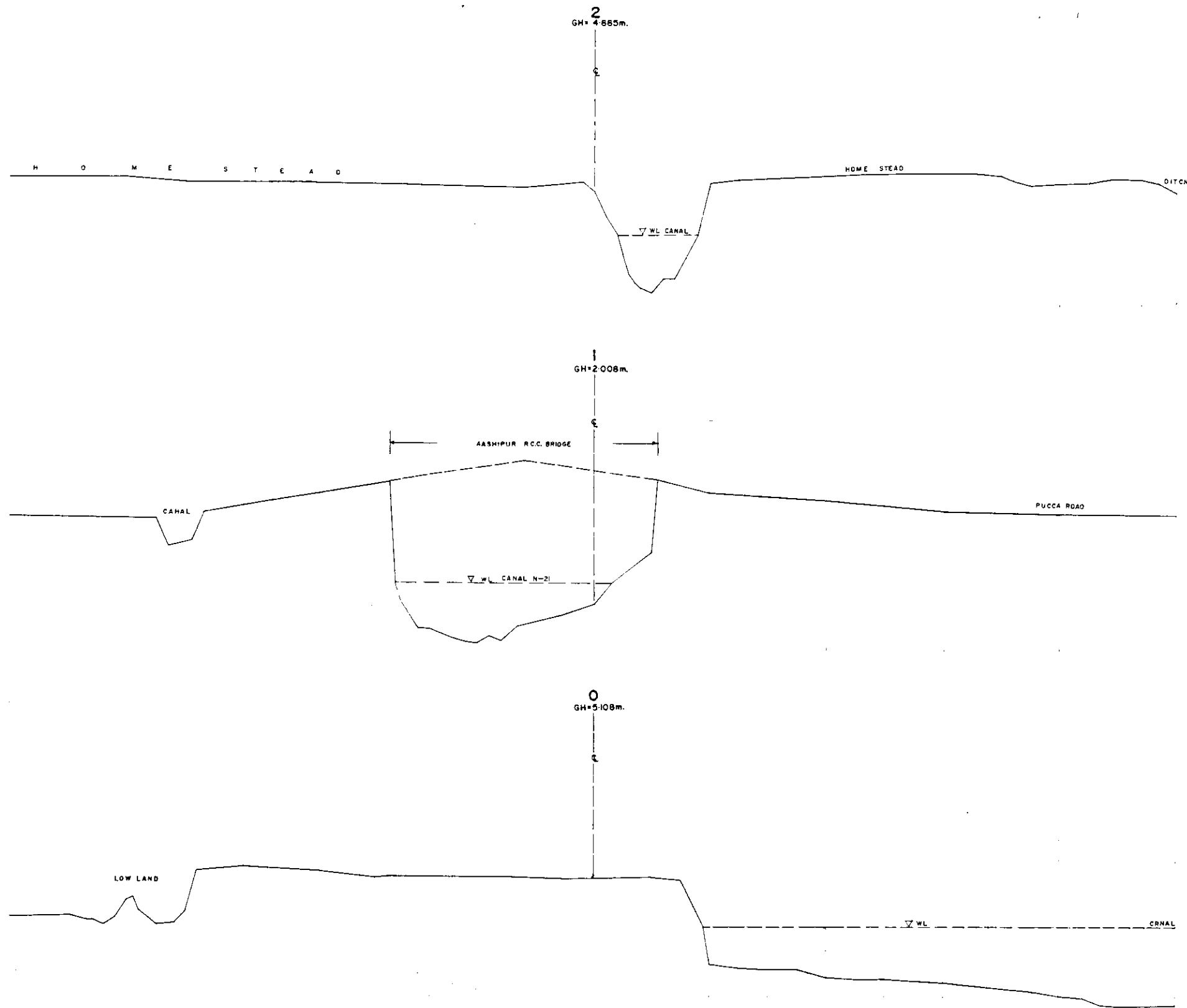


80

DL=0.00m (GTS)

DL=0.00m (GTS)

DL=0.00m (GTS)

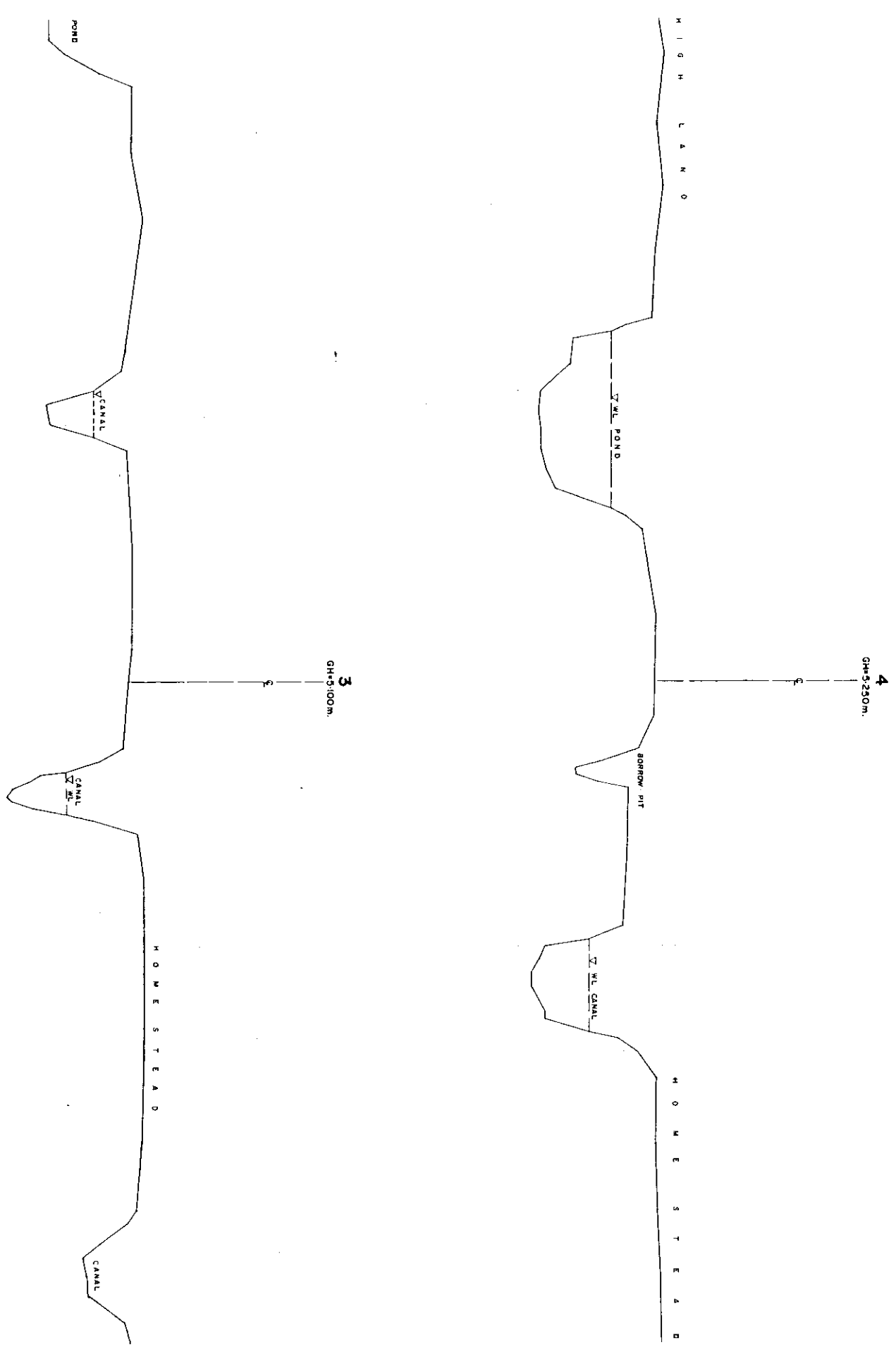


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
-DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO.-10		SCALE	H=1:500 V=1:100
DWG. NO.	PRIQ/C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL CO OPERATION AGENCY			

402

DL=0.00m.(GTS)

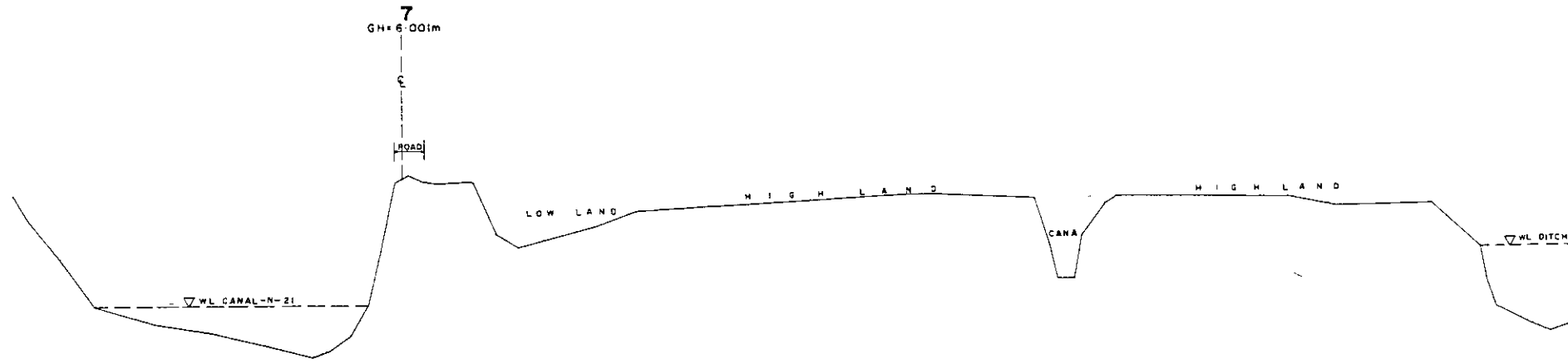
DL=0.00m.(GTS)



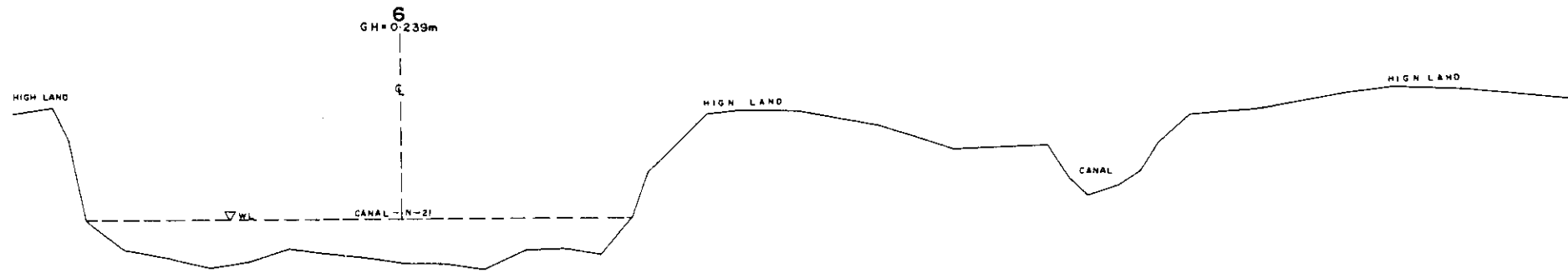
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.9A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO.10	SCALE	1:100	
DWG. NO.	PRJ/C-2	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

809

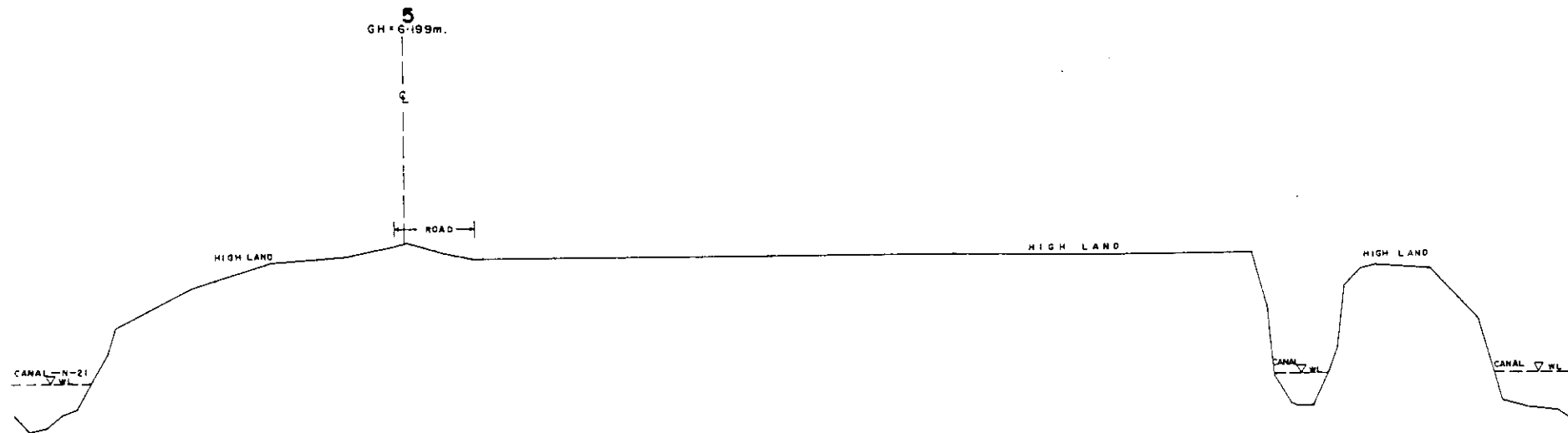
DL=0.000(G.T.S)



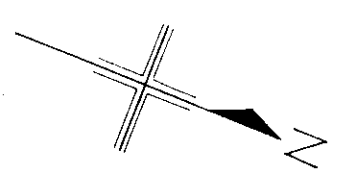
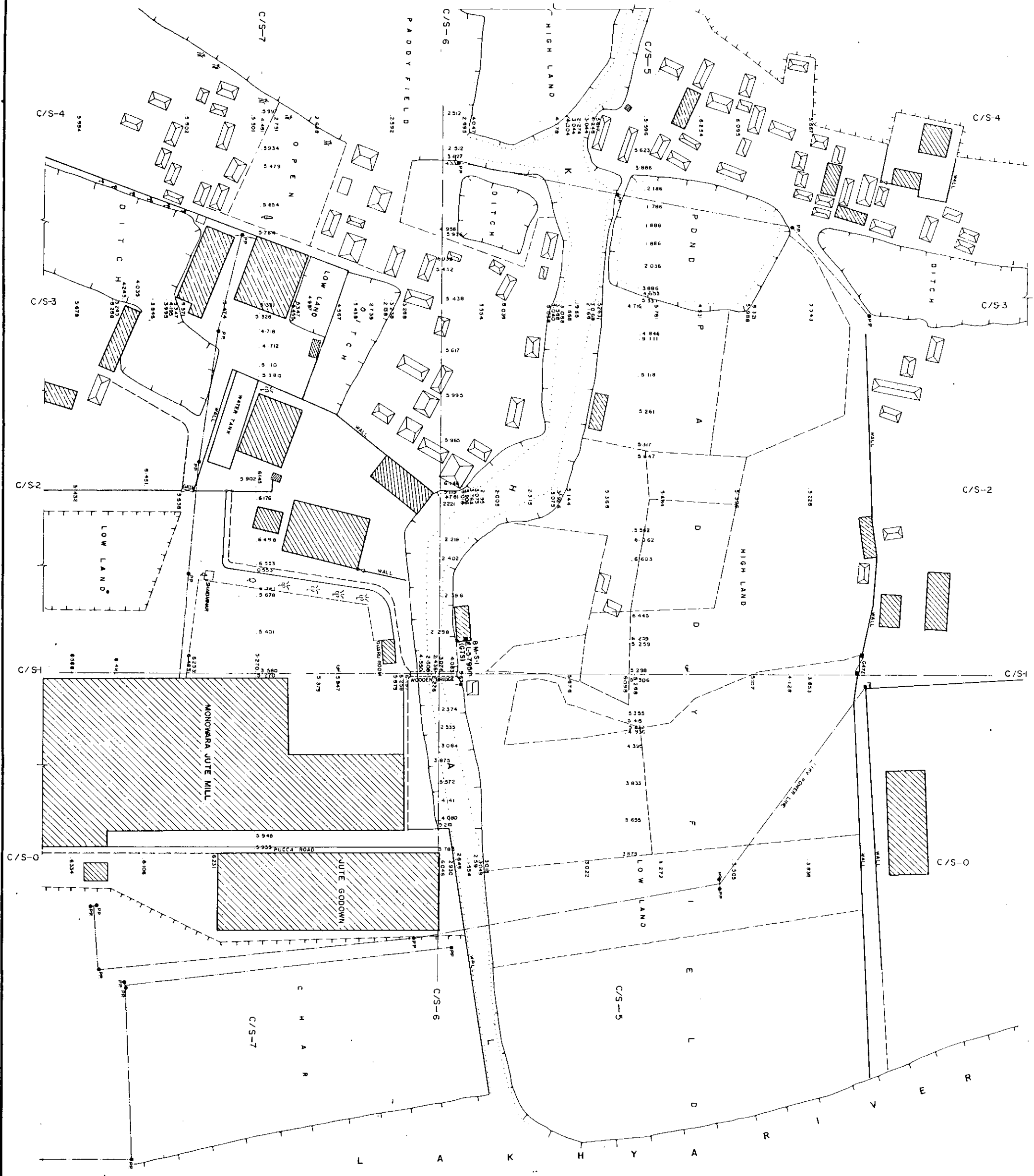
DL=0.000(G.T.S)



DL=0.000(G.T.S)



GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOODACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA PUMP STATION CROSS SECTION			
STATION NO.10	SCALE	W=1:400	V=1:100
DWG NO.	PP 10/C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



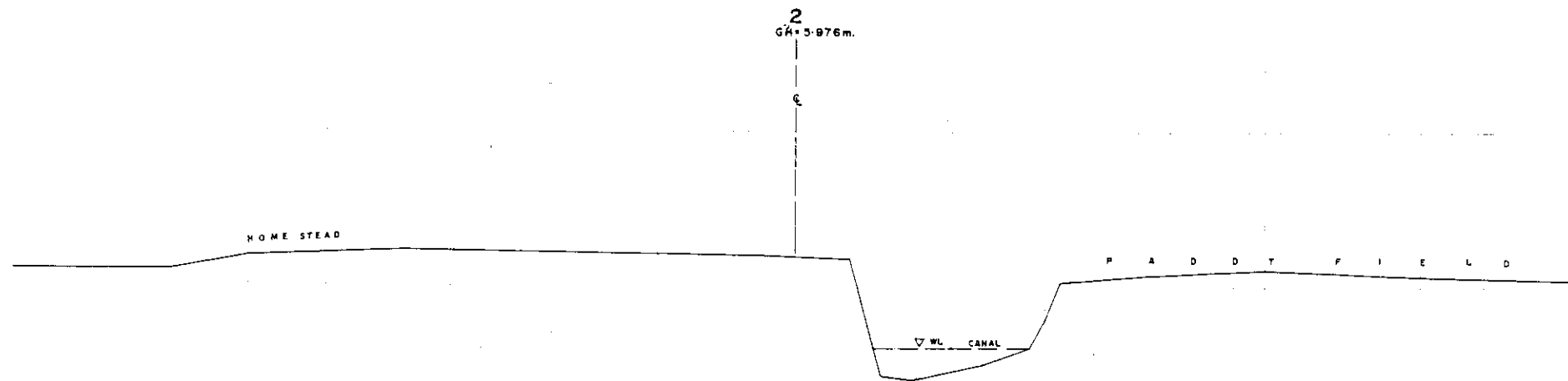
LEGEND

- 1. Boundary line, Temporary line
- 2. Boundary line, Permanent line
- 3. Boundary line, Proposed line
- 4. Boundary line, Proposed line
- 5. Boundary line, Proposed line
- 6. Boundary line, Proposed line
- 7. Boundary line, Proposed line
- 8. Boundary line, Proposed line
- 9. Boundary line, Proposed line
- 10. Boundary line, Proposed line
- 11. Boundary line, Proposed line
- 12. Boundary line, Proposed line
- 13. Boundary line, Proposed line
- 14. Boundary line, Proposed line
- 15. Boundary line, Proposed line
- 16. Boundary line, Proposed line
- 17. Boundary line, Proposed line
- 18. Boundary line, Proposed line

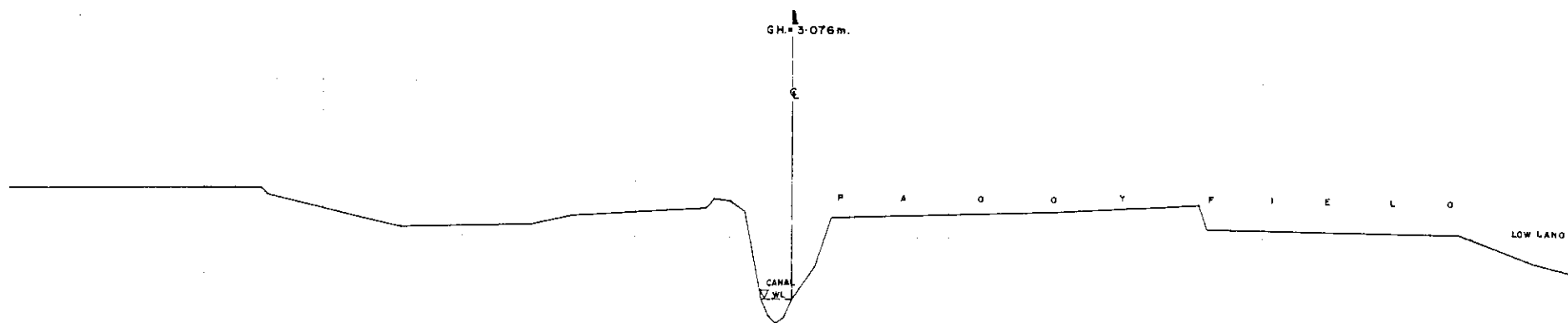
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
PROPOSED PUMP STATION			
TOPOGRAPHIC MAP			
STATION NO. II	SCALE	1:500	
DWG. NO. PPI/T-I	DATE:	OCTOBER, 1991	
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

802

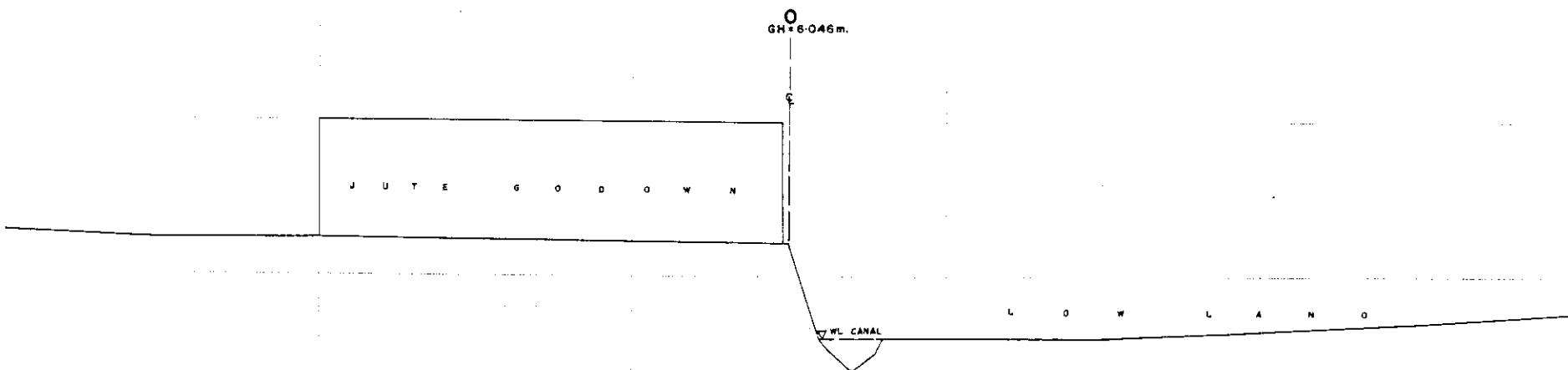
807



DL=D-00m (GTS)



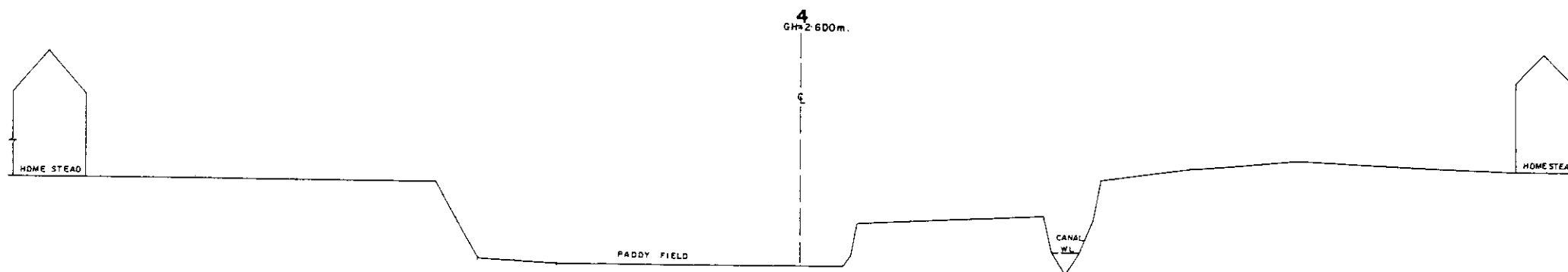
DL=D-00m (GTS)



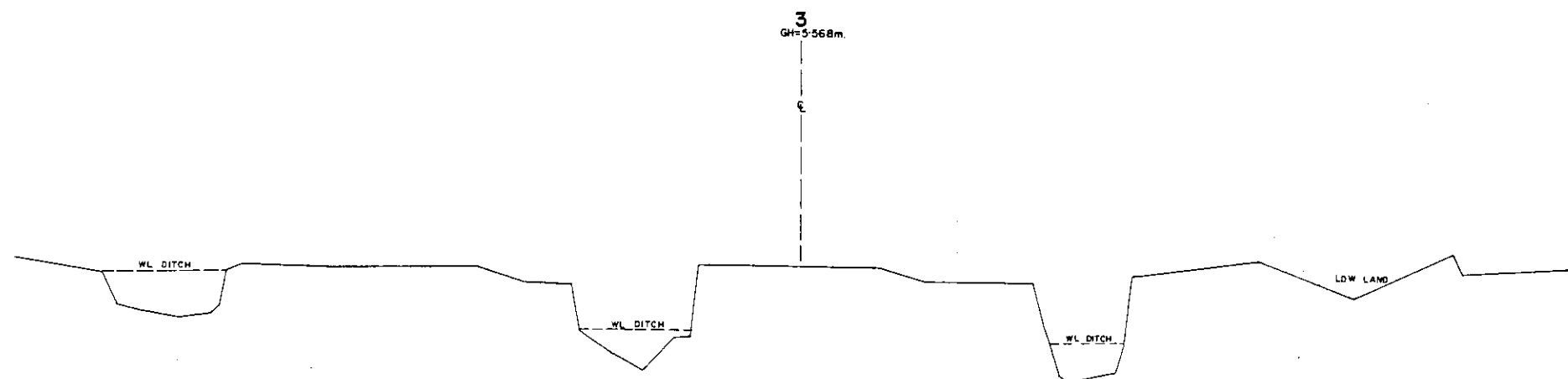
DL=D-00m (GTS)

GREATER DHAKA PROTECTION PROJECT			
STUDY IN DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. II		SCALE	H=1:400 V=1:100
DWG NO.	PPH/C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

30+



DL=0.00m. (GTS)

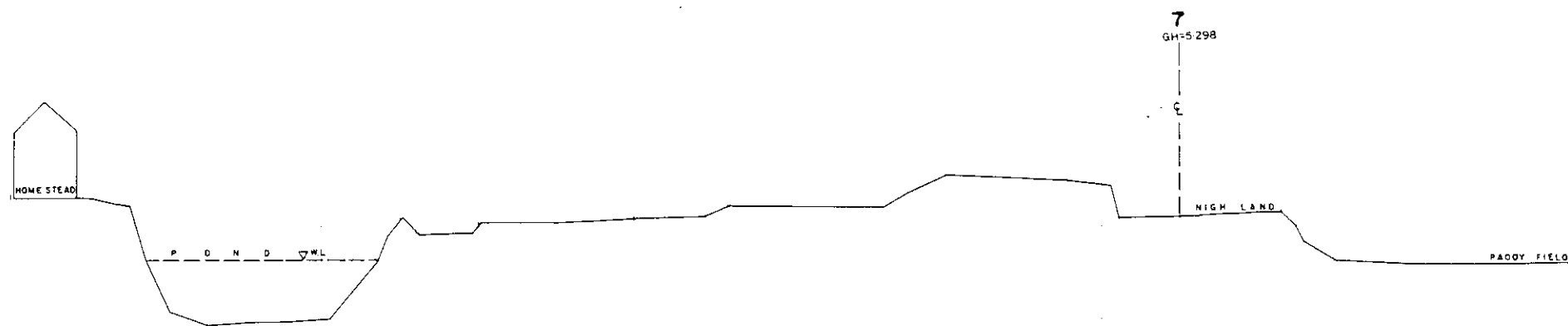


DL=0.00m. (GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO.-II		SCALE	H=1:400
DWG NO. PP.11/C-2		DATE	NOV. 1992
JAPAN INTERNATIONAL COOPERATION AGENCY			

67

800



DL = 0.00m (GTS)



DL = 0.00m (GTS)

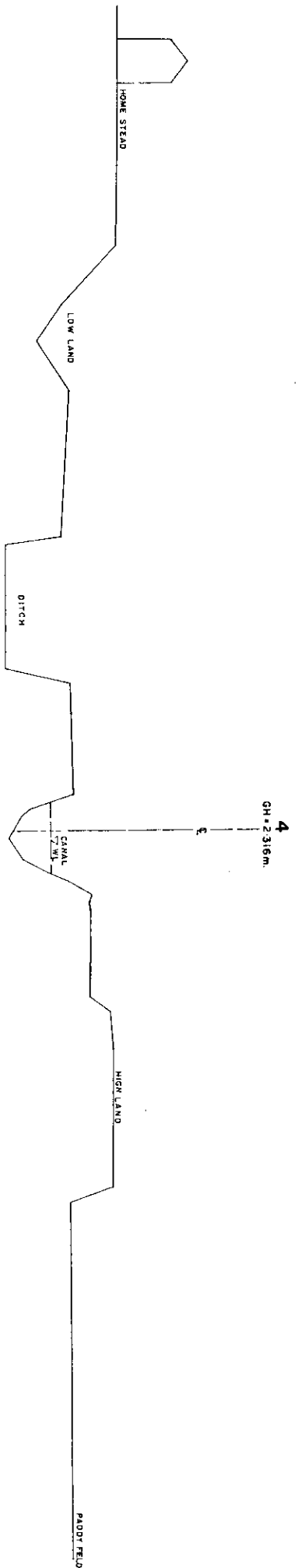


DL = 0.00m (GTS)

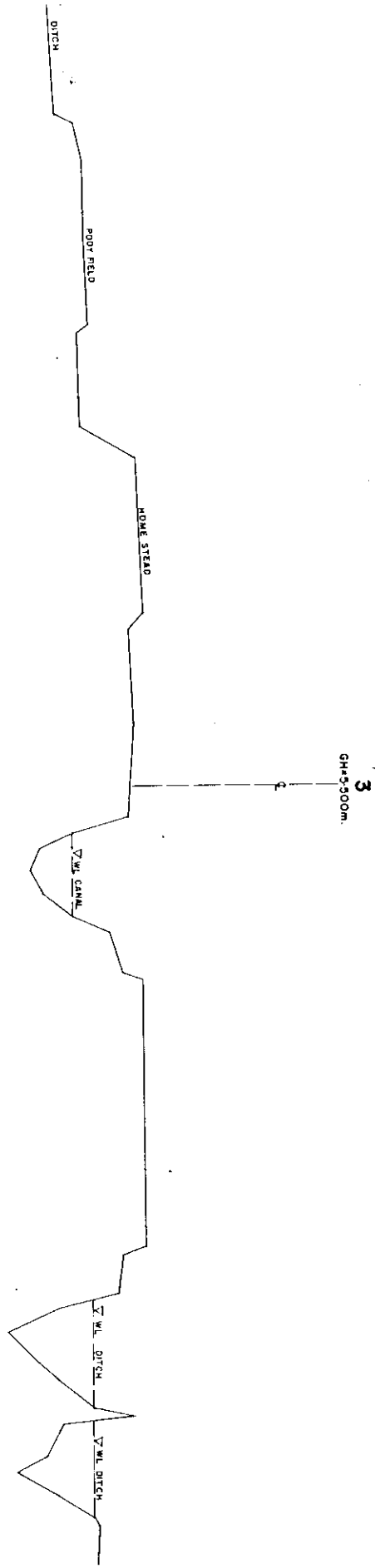
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO. 8A		
DHAKA METROPOLITAN AREA PUMP STATION CROSS SECTION		
STATION NO. 11	SCALE	H = 1:400 V = 1:100
DWG NO. PP 11/C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

202

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO.8A		
DHAKA METROPOLITAN AREA		
PUMP STATION		
CROSS SECTION		
STATION NO.-12	SCALE	NAT. 1:500
DWG NO. PP12/C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL CO-OPERATION AGENCY		



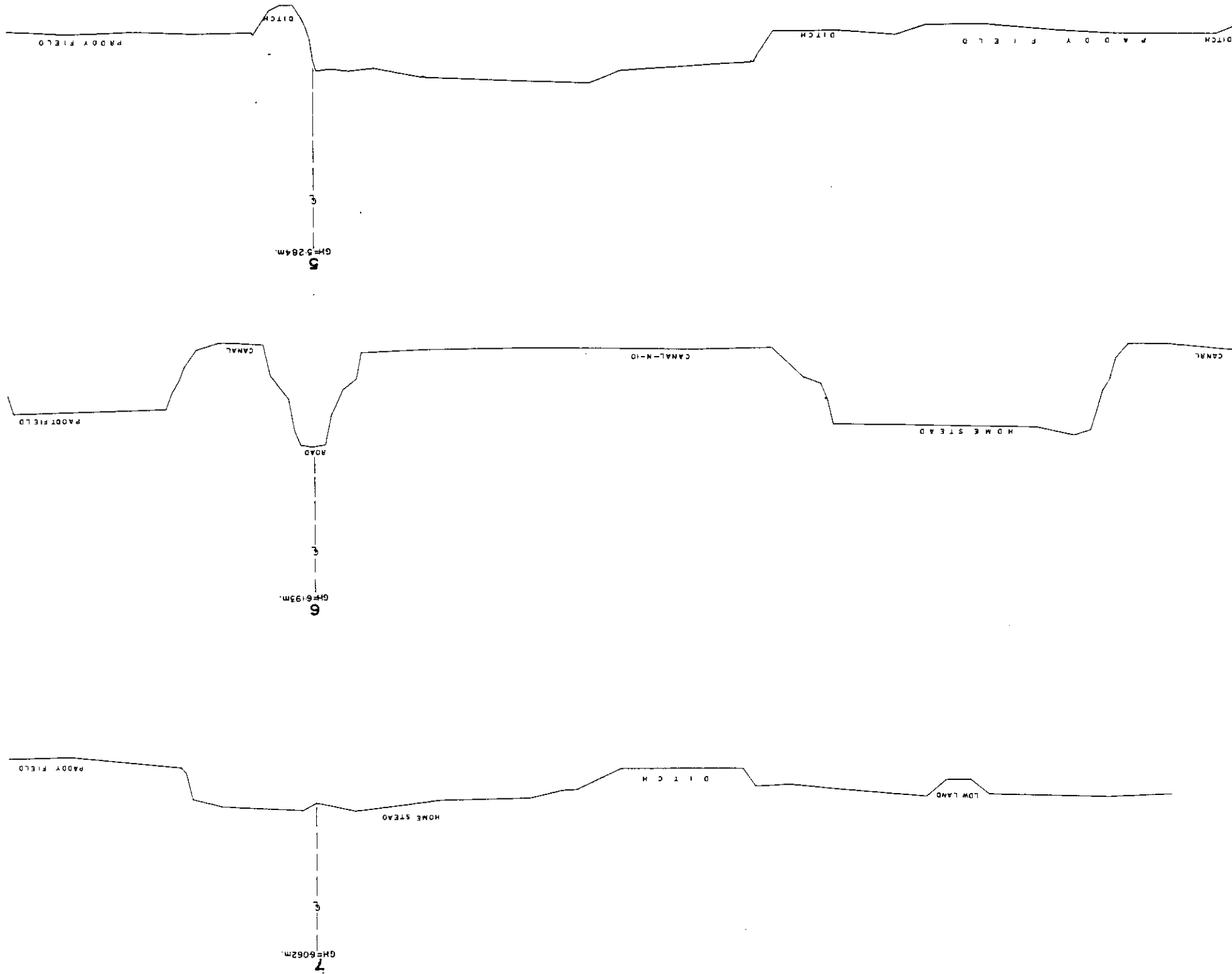
DL+0.00m.(GTS)



DL+0.00m.(GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO.-12	SCALE	1:100	DATE
PP2/C-2	DATE	OCTOBER/1991	
JAPAN INTERNATIONAL CO OPERATION AGENCY			

JAPAN INTERNATIONAL COOPERATION AGENCY			
DWG NO.	PP 12/C-3	DATE	OCTOBER 1991
STATION NO. 12	SCALE	AS SHOWN	1:100
PUMP STATION CROSS SECTION			
DHAKA METROPOLITAN AREA			
BANGLADESH FLOOD ACTION PLAN NO. 8A			
(STUDY IN DHAKA METROPOLITAN AREA)			
GREATER DHAKA PROTECTION PROJECT			



0L=0.00m.(GTS)

0L=0.00m.(GTS)

0L=0.00m.(GTS)



LEGEND

- 1. Structure/Building/Development/Under construction
- 2. Trained for Temporary Use
- 3. Moderate Edge/Over/Under Ground
- 4. Road with/without/limited/Unlimited
- 5. Proposed/Temporary/Permanent
- 6. Proposed/Temporary/Permanent
- 7. Proposed/Temporary/Permanent
- 8. Proposed/Temporary/Permanent
- 9. Proposed/Temporary/Permanent
- 10. Proposed/Temporary/Permanent
- 11. Proposed/Temporary/Permanent
- 12. Proposed/Temporary/Permanent
- 13. Proposed/Temporary/Permanent
- 14. Proposed/Temporary/Permanent
- 15. Proposed/Temporary/Permanent
- 16. Proposed/Temporary/Permanent
- 17. Proposed/Temporary/Permanent
- 18. Proposed/Temporary/Permanent

STATION NO. 13

PP 13/T-1

DATE

OCTOBER, 1991

SCALE

1:500

GREATER DHAKA PROTECTION PROJECT

(STUDY IN DHAKA METROPOLITAN AREA)

BANGLADESH FLOOD ACTION PLAN NO. 8A

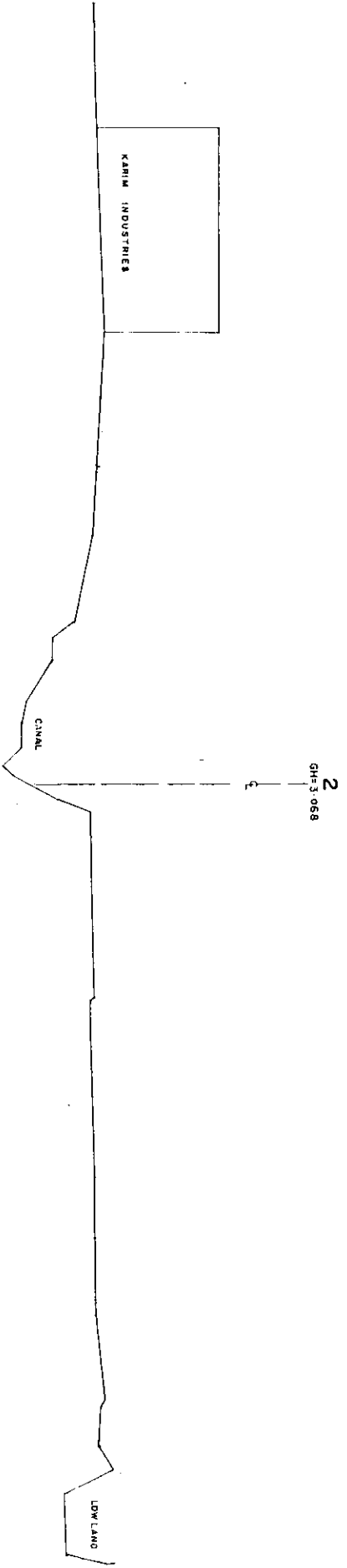
PROPOSED PUMP STATION

TOPOGRAPHIC MAP

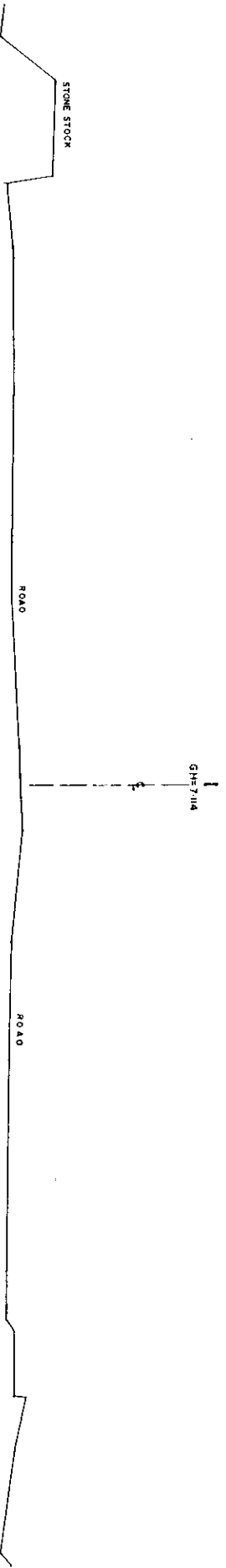
JAPAN INTERNATIONAL CO-OPERATION AGENCY

828

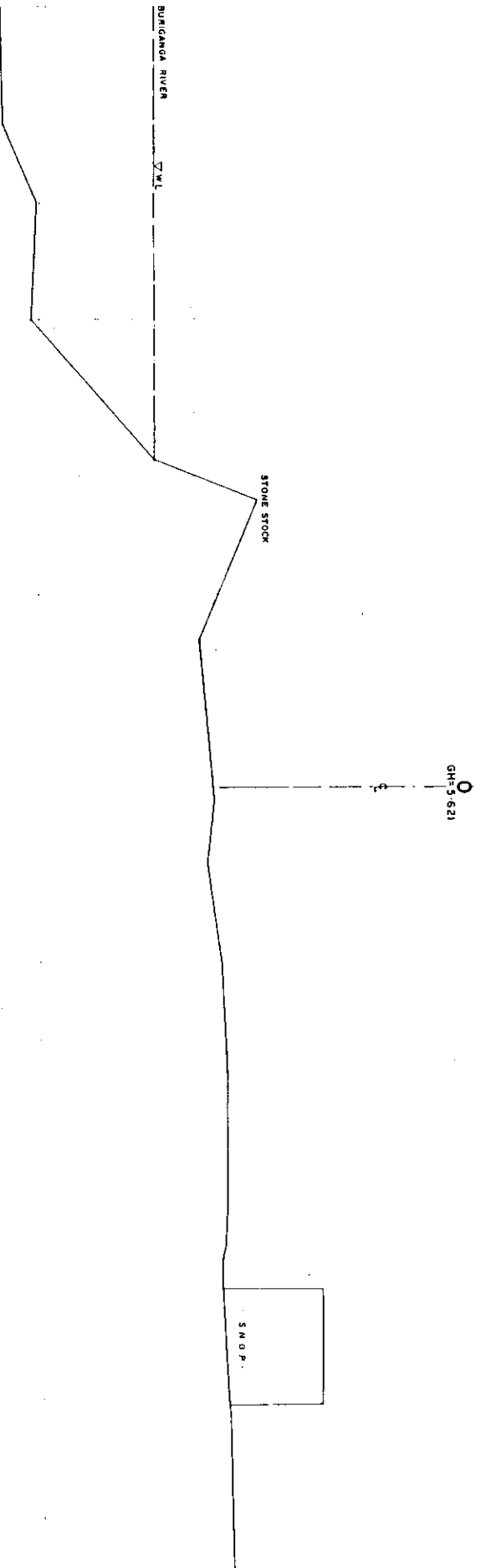
Q32



DL=0.00m (GTS)



DL=0.00m (GTS)

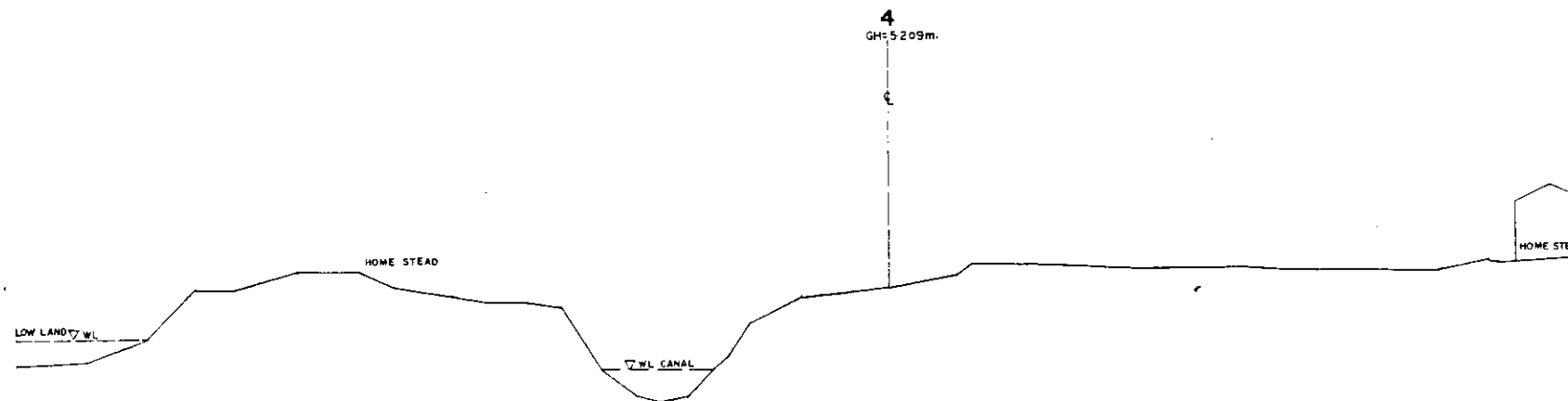


DL=0.00m (GTS)

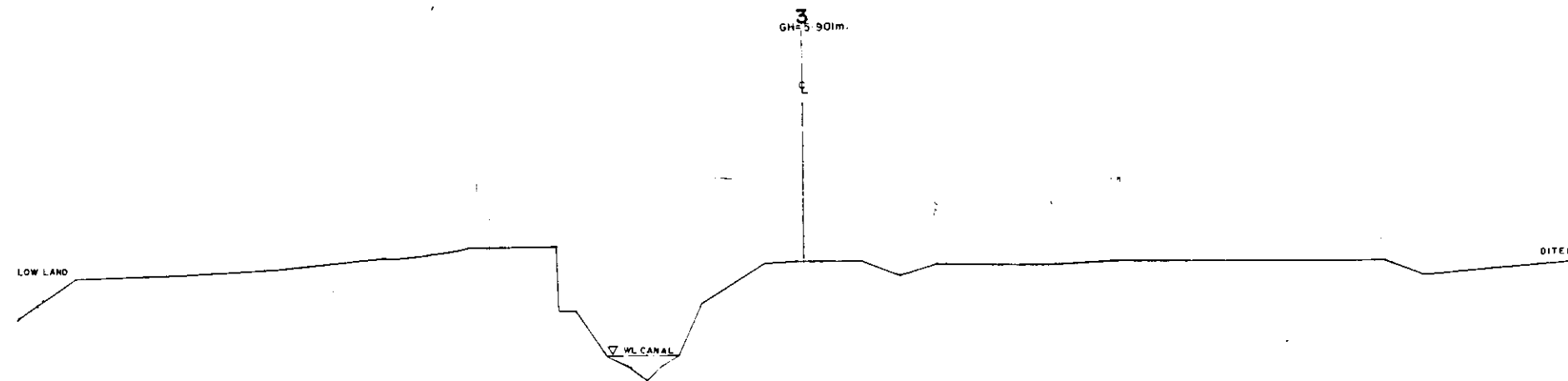
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO.-13	SCALE	DATE	REVISION
DWG NO.	PP13/C-1	OCTOBER/99	1-1-01
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

44/4

82



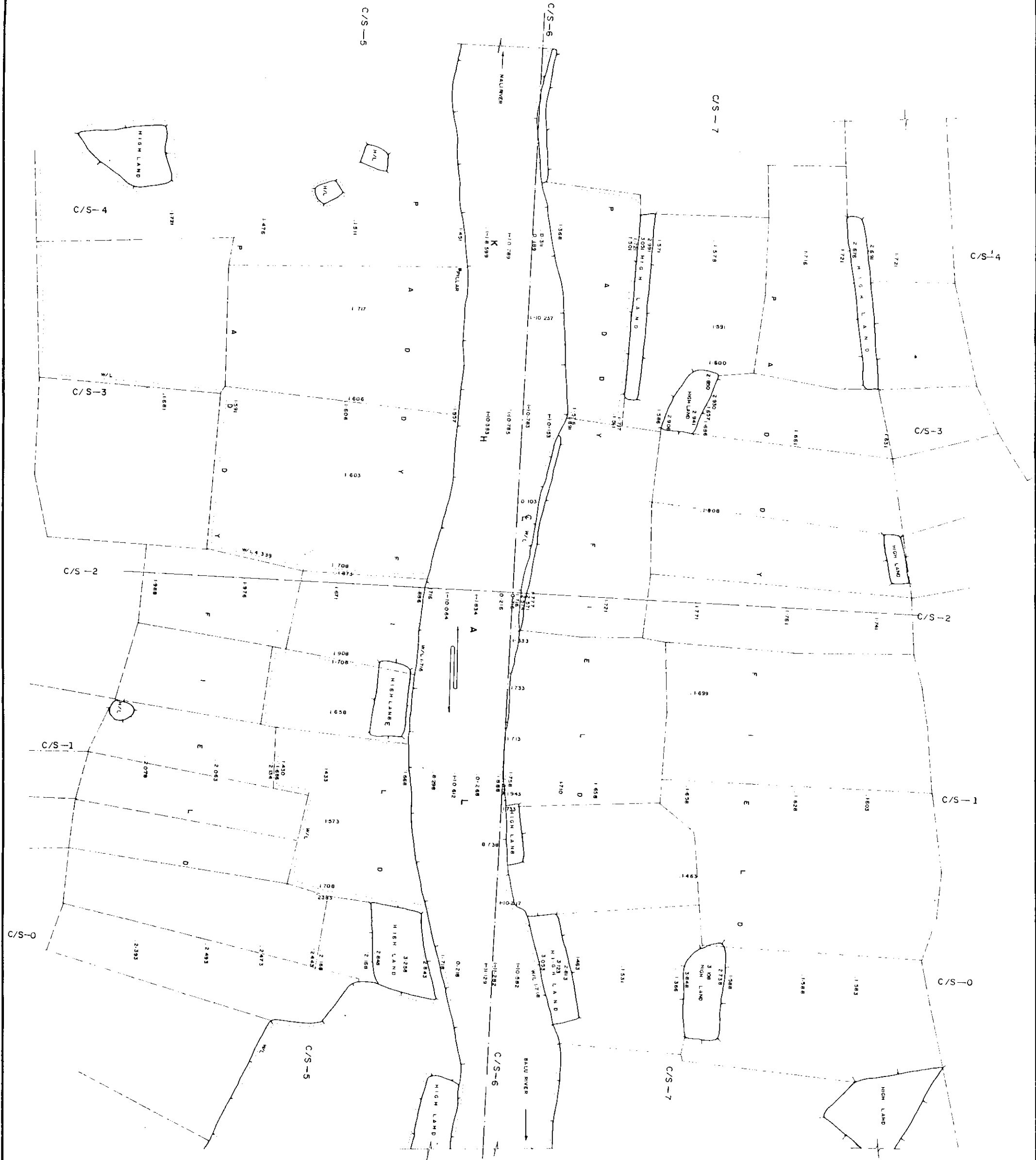
DL=0.00m.(GTS)



DL=0.00m.(GTS)

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO. 8A		
DHAKA METROPOLITAN AREA PUMP STATION CROSS SECTION		
STATION NO.-13		H = 1:400 V = 1:100
DWG NO	PP13/C-2	DATE OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

45



LEGEND

- 1 Structure Permanent/Temporary/Under Construction
- 2 Temporary/Permanent/Under Construction
- 3 Temporary/Permanent/Under Construction
- 4 Temporary/Permanent/Under Construction
- 5 Temporary/Permanent/Under Construction
- 6 Temporary/Permanent/Under Construction
- 7 Temporary/Permanent/Under Construction
- 8 Temporary/Permanent/Under Construction
- 9 Temporary/Permanent/Under Construction
- 10 Temporary/Permanent/Under Construction
- 11 Temporary/Permanent/Under Construction
- 12 Temporary/Permanent/Under Construction
- 13 Temporary/Permanent/Under Construction
- 14 Temporary/Permanent/Under Construction
- 15 Temporary/Permanent/Under Construction
- 16 Temporary/Permanent/Under Construction
- 17 Temporary/Permanent/Under Construction
- 18 Temporary/Permanent/Under Construction

STATION NO. 15

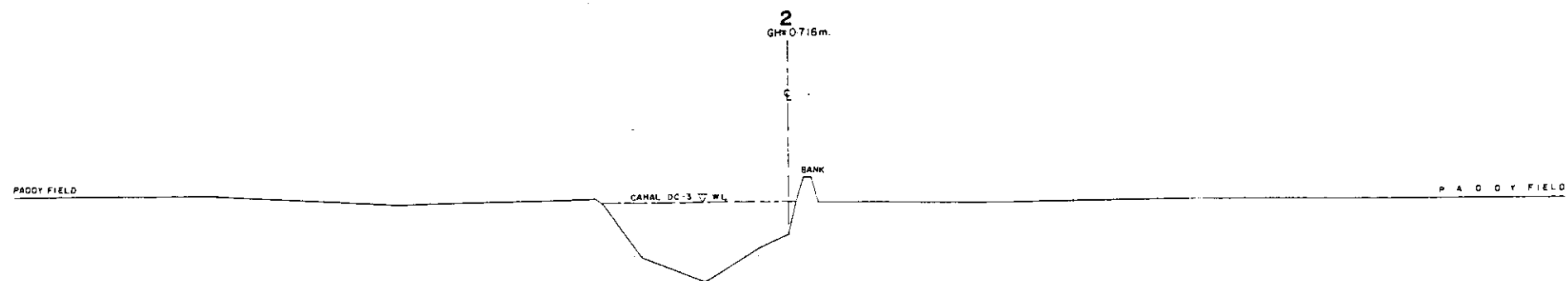
SCALE 1:500

DATE OCTOBER, 1991

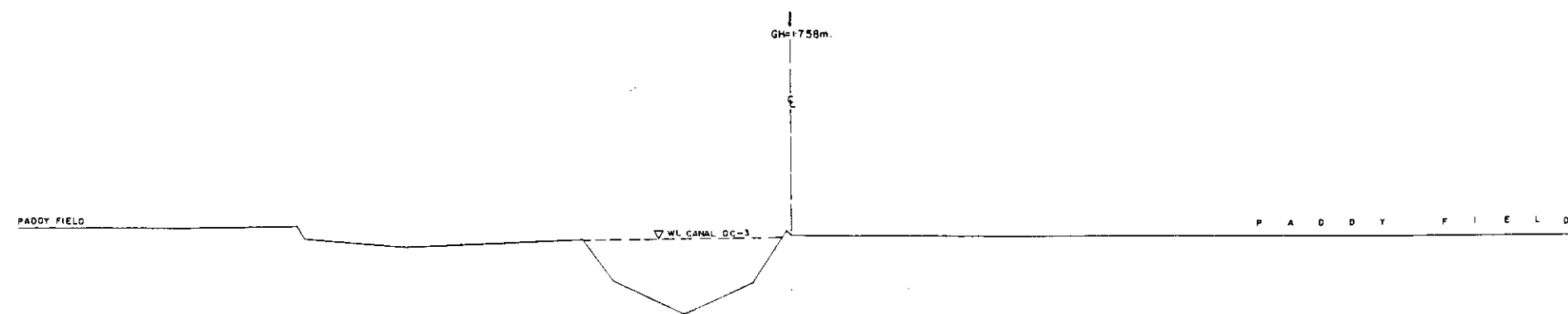
JAPAN INTERNATIONAL COOPERATION AGENCY

805

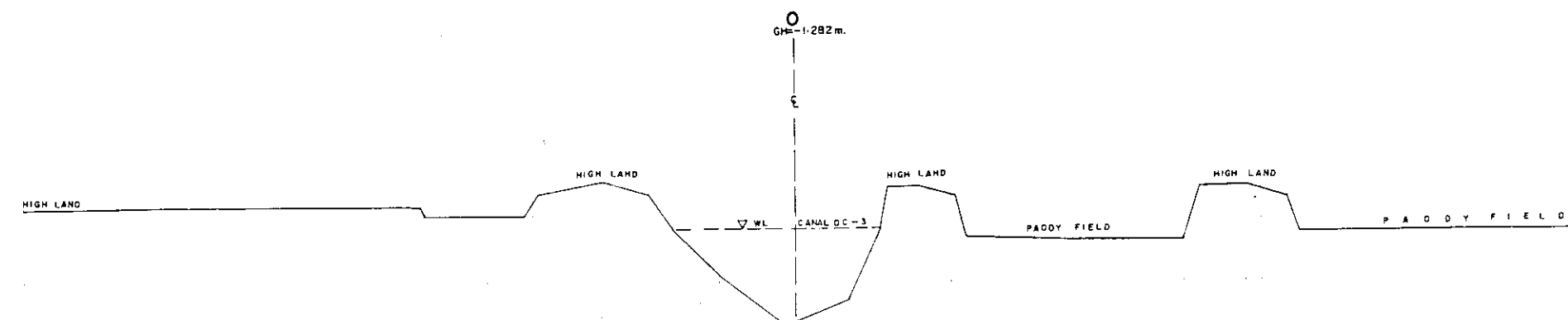
DL=0.00m.(GTS)



DL=0.00m.(GTS)



DL=0.00m.(GTS)



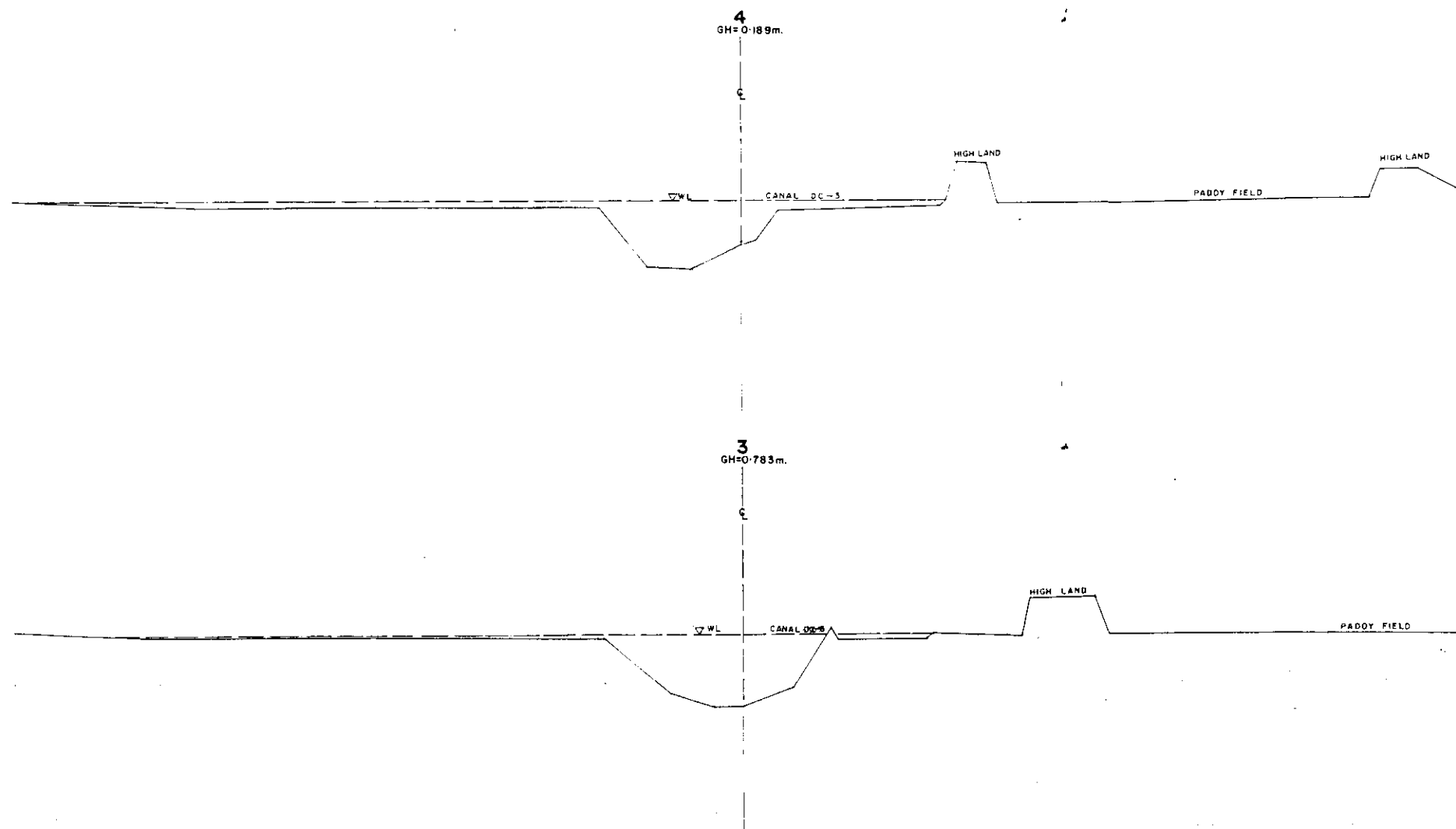
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 15		SCALE	N=1:400
OWG NO	PP15/C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

4.7

22

DL=0.000m.(GTS)

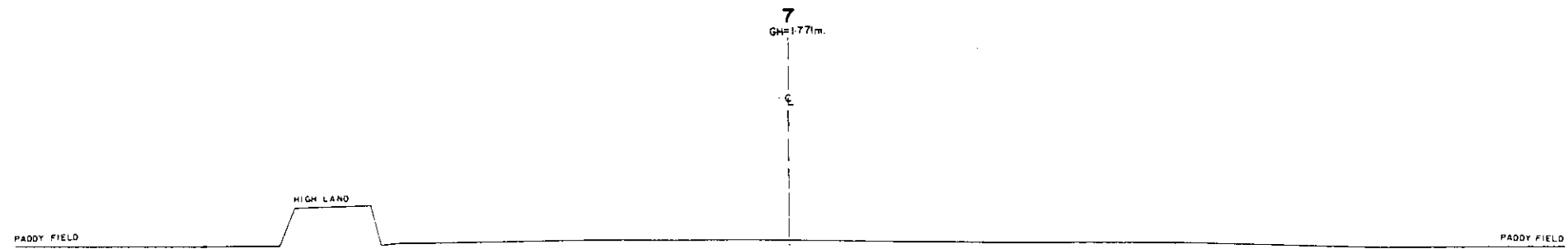
DL=0.000 m.(GTS)



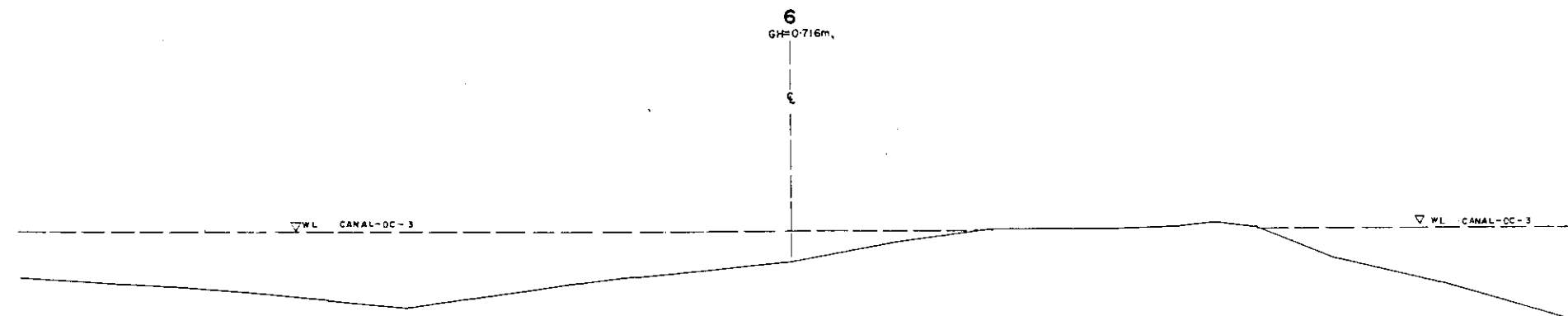
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO 8A			
DHAKA METROPOLITAN AREA PUMP STATION CROSS SECTION			
STATION NO. 15	SCALE	N=1:400 V=1:100	
DWG NO	PP16/C-2	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

82D

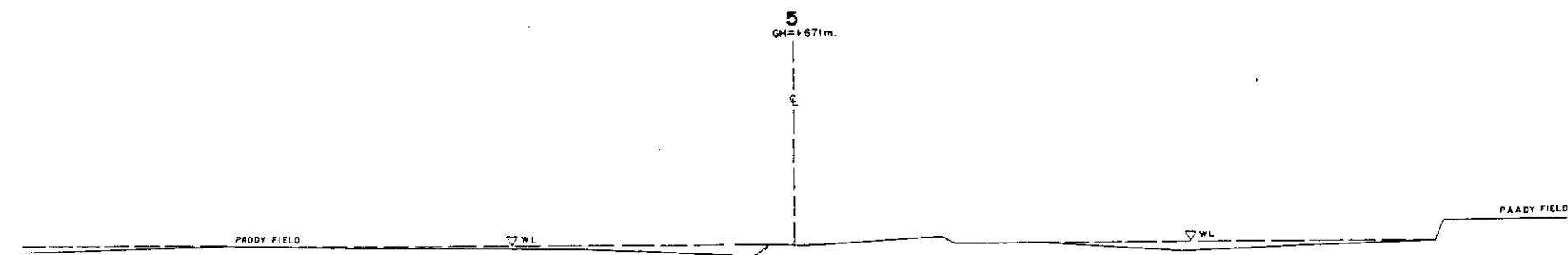
DL=0-00m.(GTS)



DL=0-00m.(GTS)



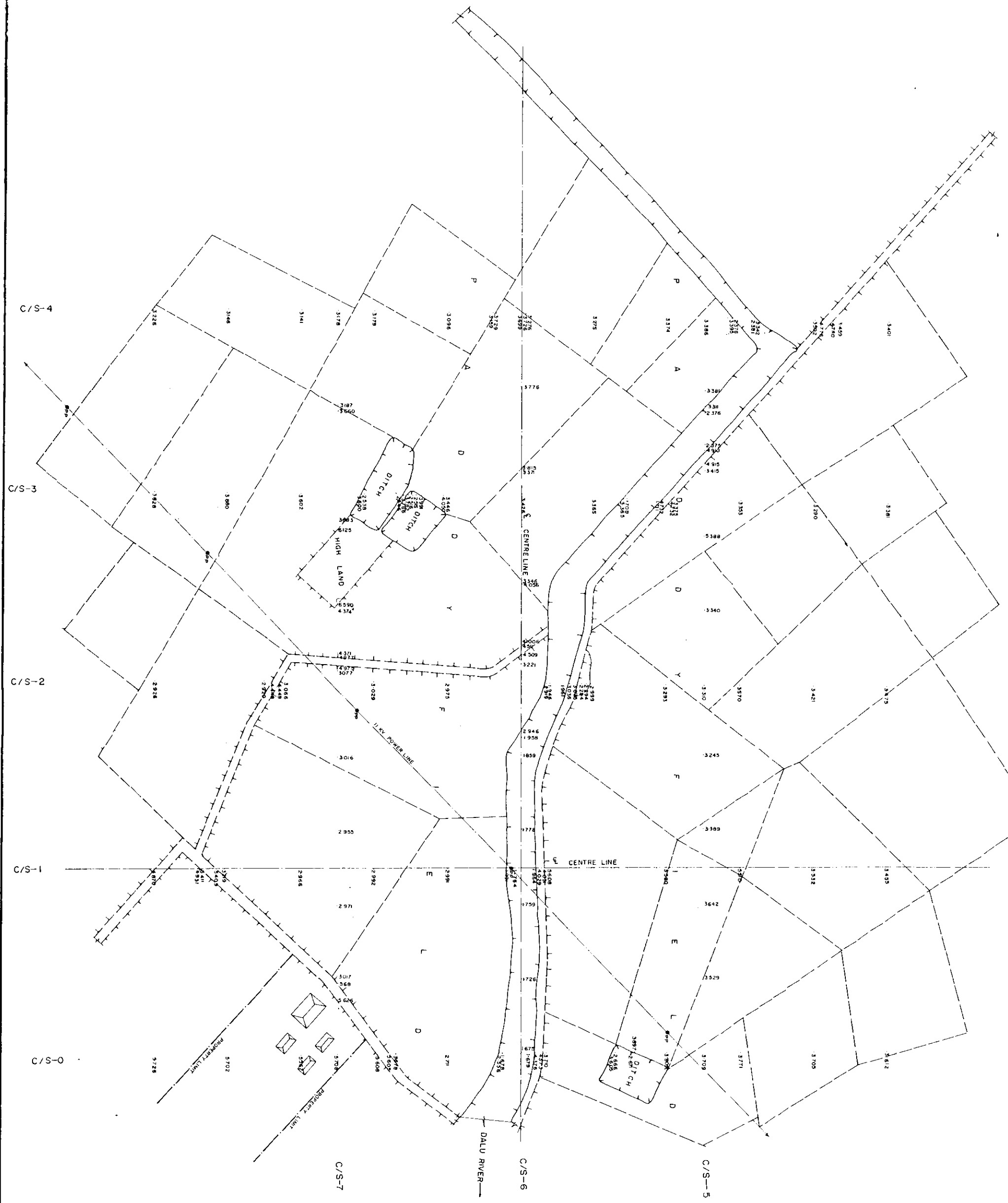
DL=0-00m.(GTS)



47

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NO. 8A		
DHAKA METROPOLITAN AREA		
PUMP STATION CROSS SECTION		
STATION NO. 15	SCALE	H = 1:400 V = 1:100
DWG NO. PP 15/C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

N₈ 22



- 1. Stationary Permanent Obstruction (e.g., bridge, tower, etc.)
- 2. Stationary Temporary Obstruction (e.g., bridge, tower, etc.)
- 3. Roadway (e.g., highway, etc.)
- 4. Embankment (e.g., road, etc.)
- 5. Boundary (line) with fence with solid wall, concrete, brick
- 6. Powerline (e.g., high voltage, etc.)
- 7. River (e.g., Dalu River, etc.)
- 8. Trench (e.g., ditch, etc.)
- 9. Pond (e.g., lake, etc.)
- 10. Tree (e.g., mangrove, etc.)
- 11. Field (e.g., rice, etc.)
- 12. Other (e.g., etc.)
- 13. Contour line (e.g., 10m, etc.)
- 14. Slope (e.g., 1:1, etc.)
- 15. Land (e.g., etc.)
- 16. Tower (e.g., etc.)
- 17. Camp (e.g., etc.)
- 18. Tower (e.g., etc.)

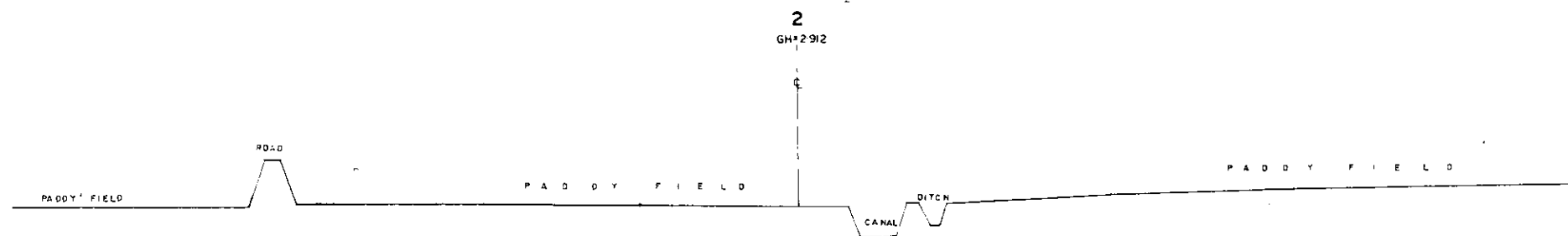
GREATER DHAKA PROTECTION PROJECT
(STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NO. 6A

PROPOSED PUMP STATION
TOPOGRAPHIC MAP

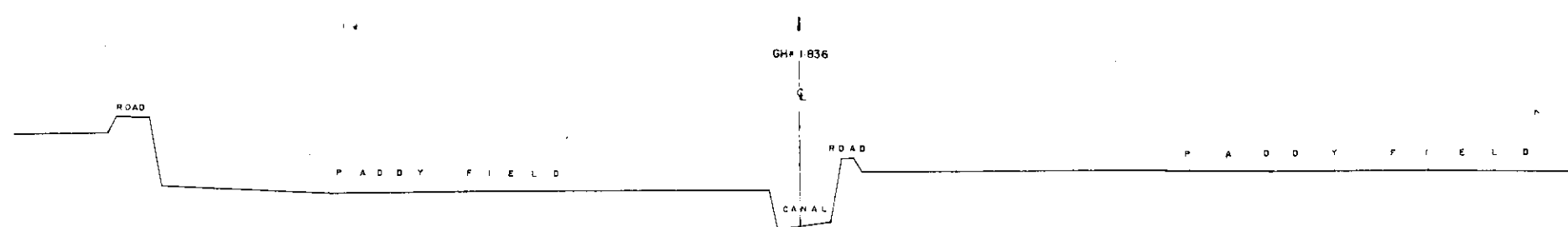
STATION	NO. 16	SCALE	1:500
DWG. NO.	PP16/T-1	DATE	OCTOBER, 1991

JAPAN INTERNATIONAL COOPERATION AGENCY

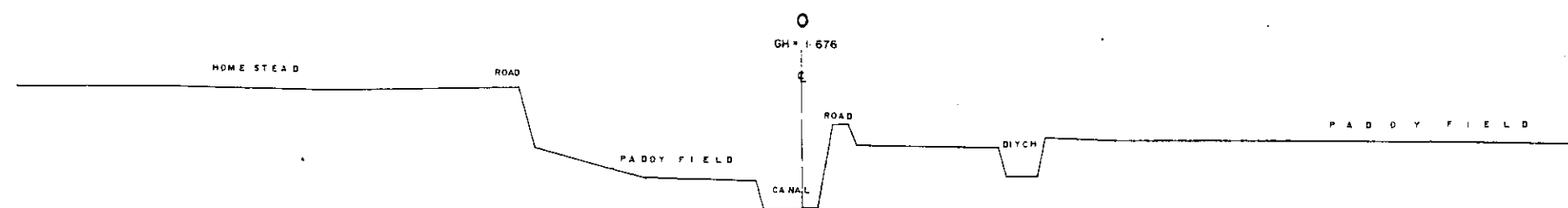
822



DL=0.00m (GTS)



DL=0.00m (GTS)

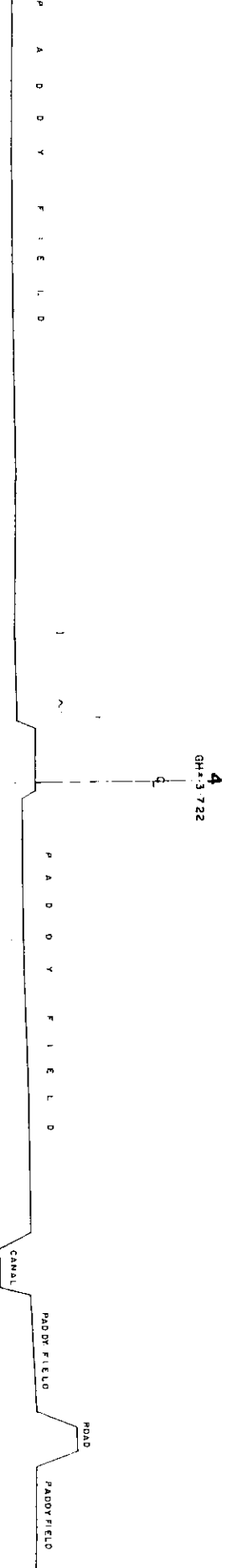


DL=0.00m (GTS)

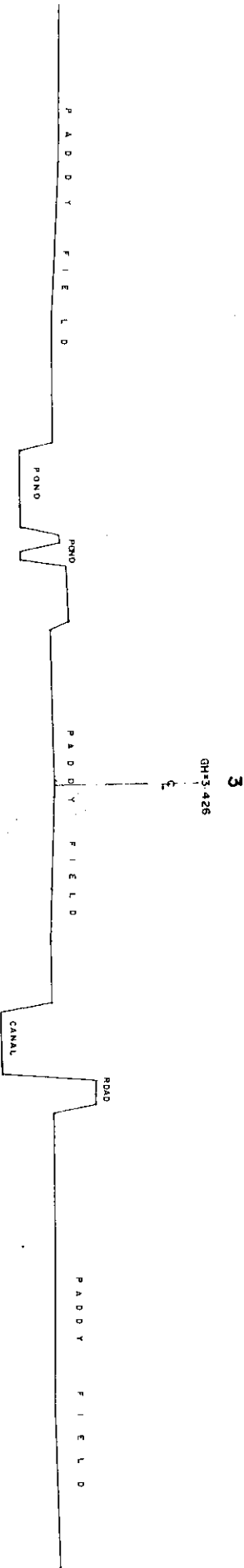
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 16	SCALE	H 1: 400 V 1: 100	
DWG NO	PP 16/C-1	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

8210

DL=0.00m(GTS)

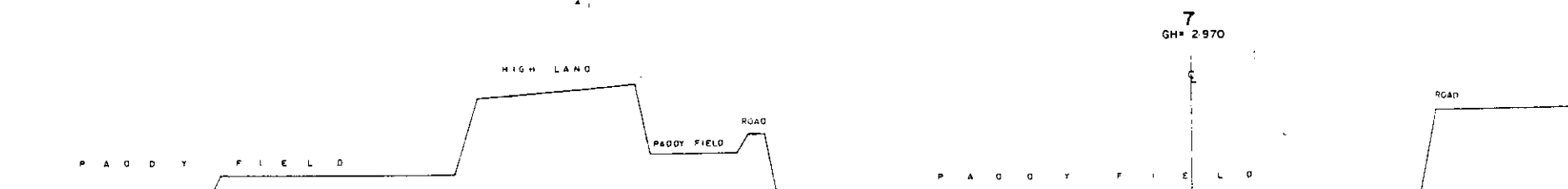


DL=0.00m(GTS)

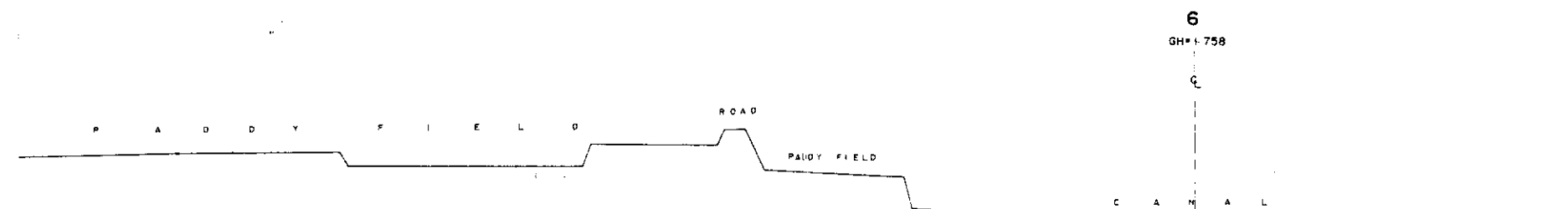


GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO. 16	SCALE	1:1,400	
DWG NO. PP 16/C-2	DATE	OCTOBER, 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			

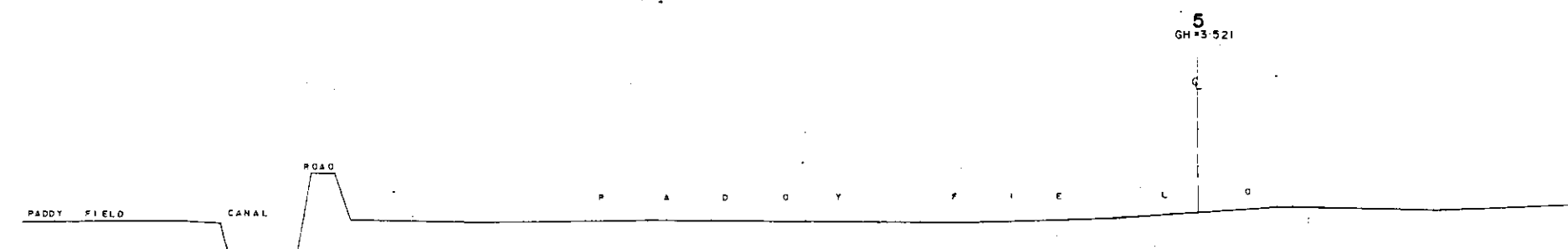
823



DL=0.00m (GTS)



DL=0.00m (GTS)



DL=0.00m (GTS)

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOODACTION PLAN NO 8A			
DHAKA METROPOLITAN AREA			
PUMP STATION			
CROSS SECTION			
STATION NO:-16		SCALE	H=1:400 V=1:100
DWG NO	PP 16/C-3	DATE	OCTOBER, 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

423 E
1