

FIG. A.7 EXISTING CONTROL POINT LOCATION MAP

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROLOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH



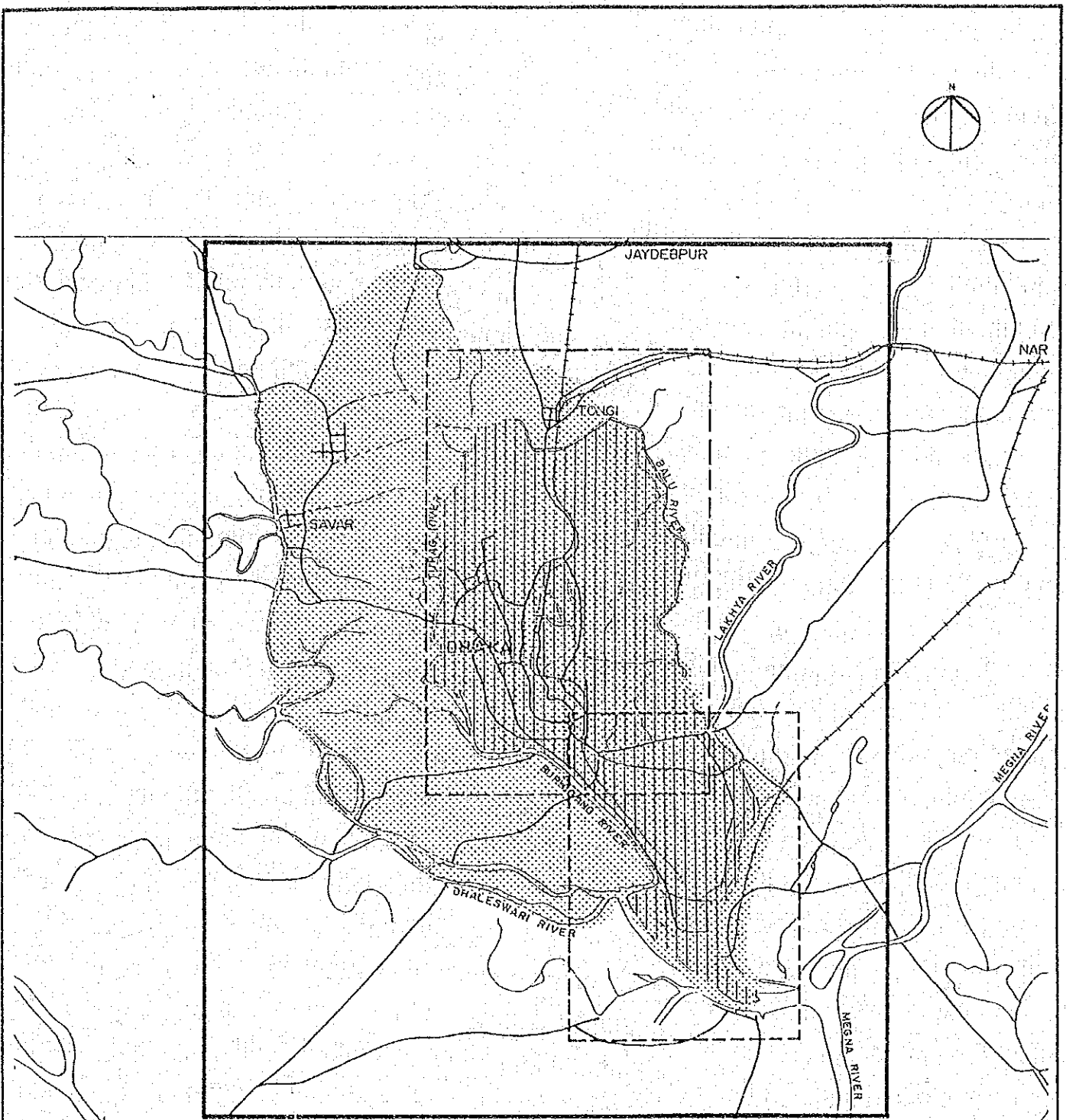


FIG. A.8

UPDATED SHEET INDEX

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROLOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH



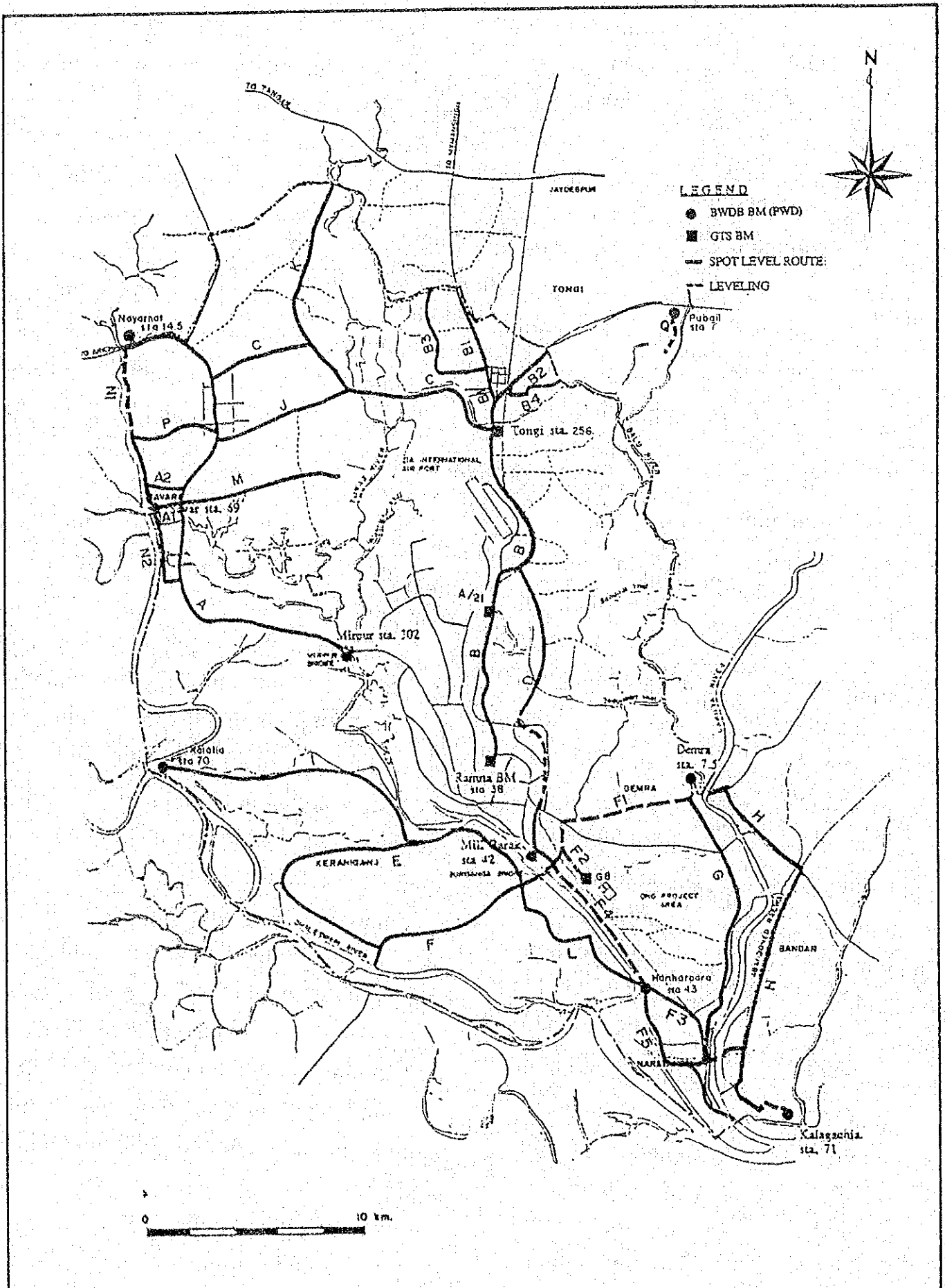


FIG. A.9

ROUTE OF SPOT LEVELING SURVEY

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROLOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH

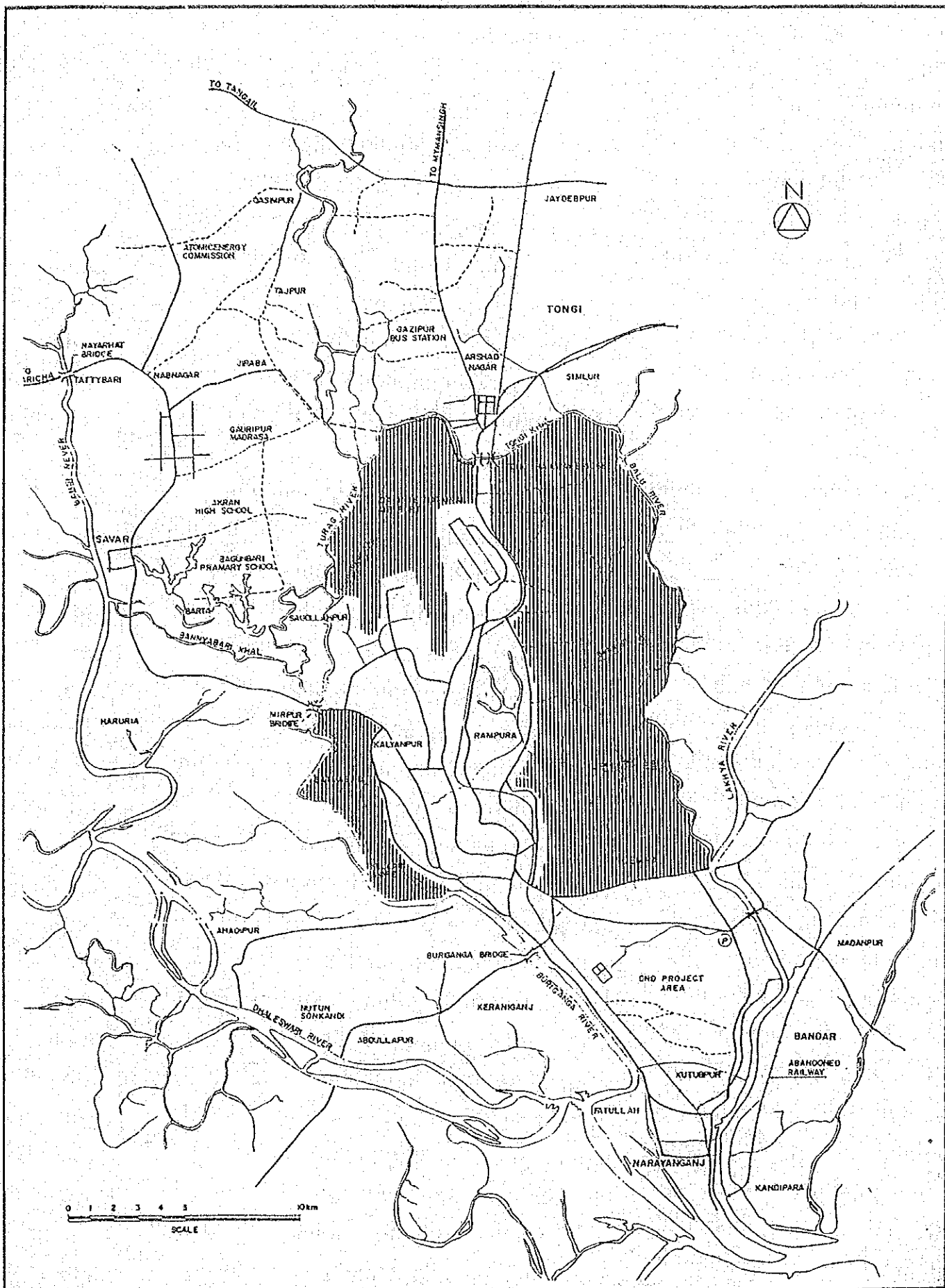


FIG. A.10 AREA OF GRID SPOT LEVELLING SURVEY

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROLOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH

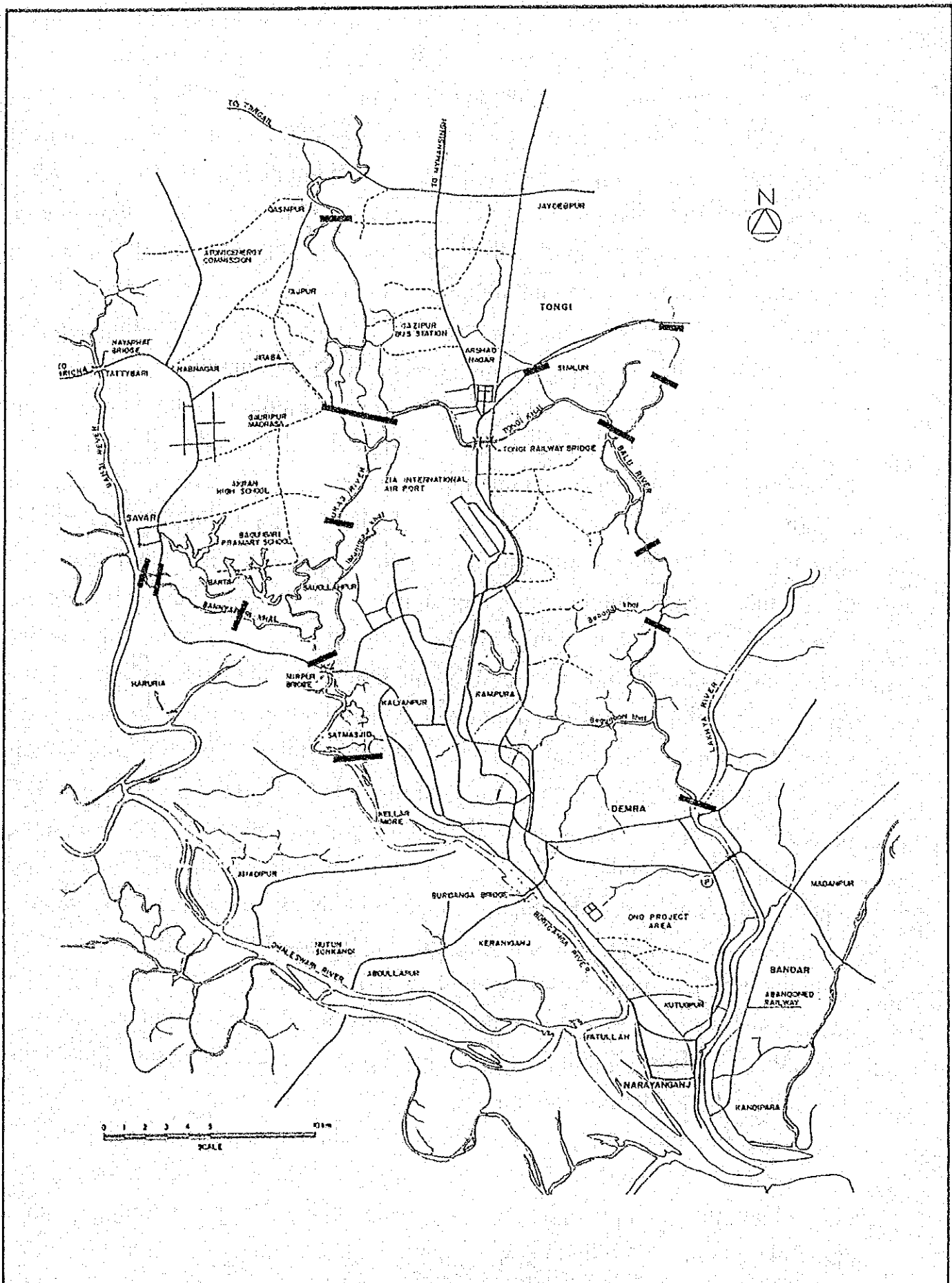
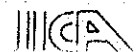


FIG. A.11

LOCATION OF LONGITUDINAL AND CROSS-SECTIONAL SURVEY OF RIVER

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROLOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH



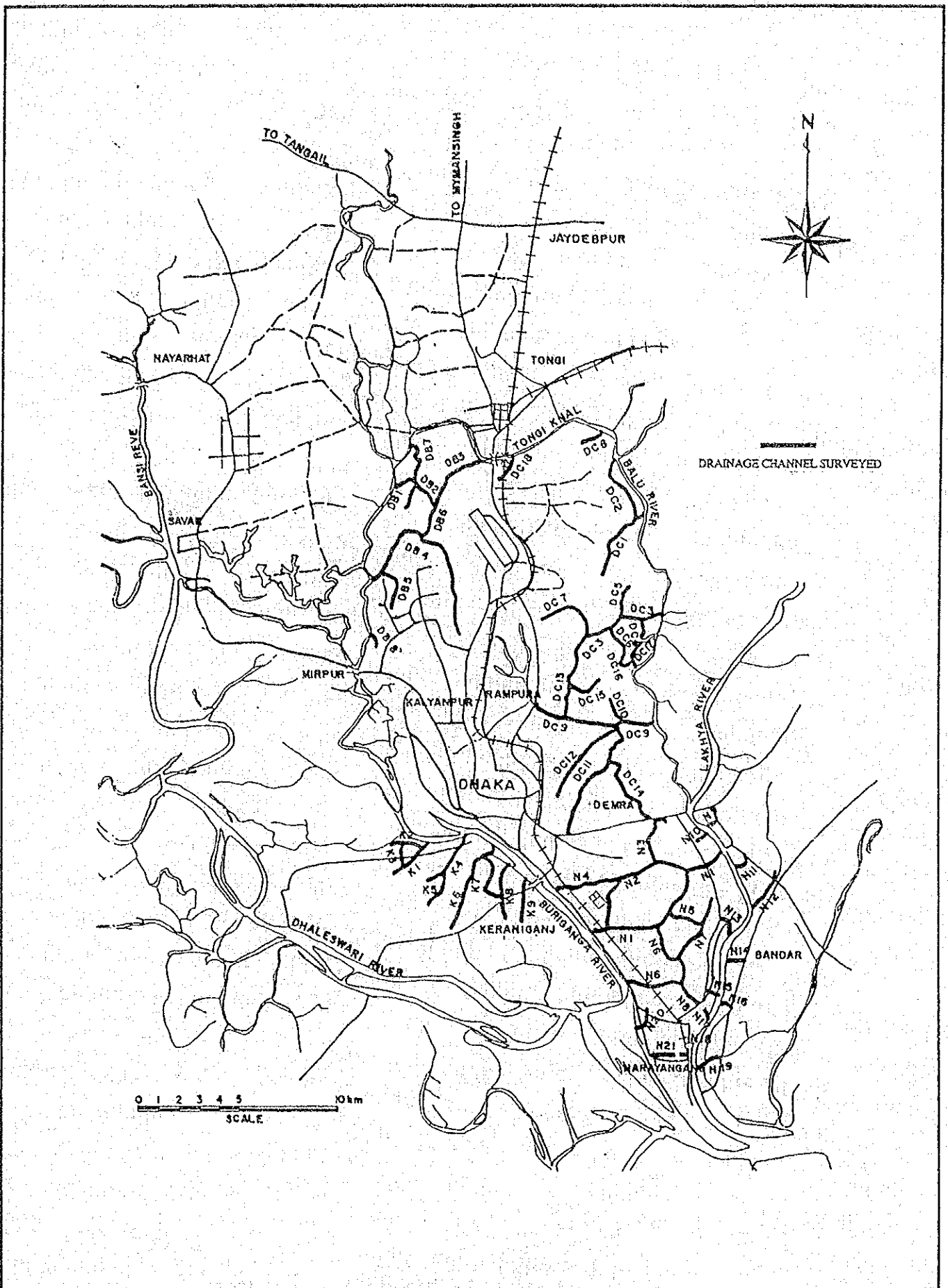


FIG. A.12

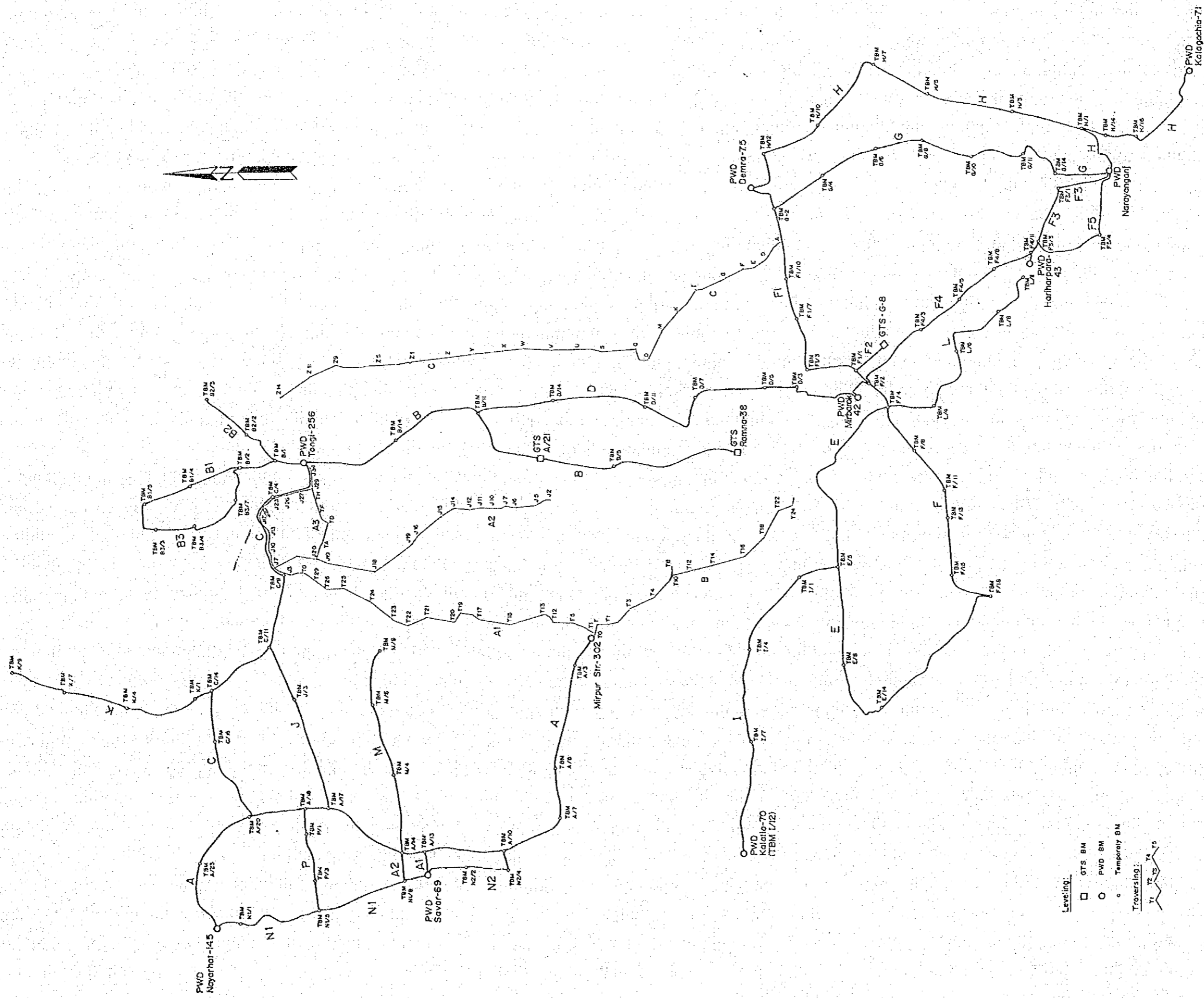
LOCATION OF LOGITUDINAL AND CROSS-SECTIONAL SURVEY OF CANAL

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROLOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH

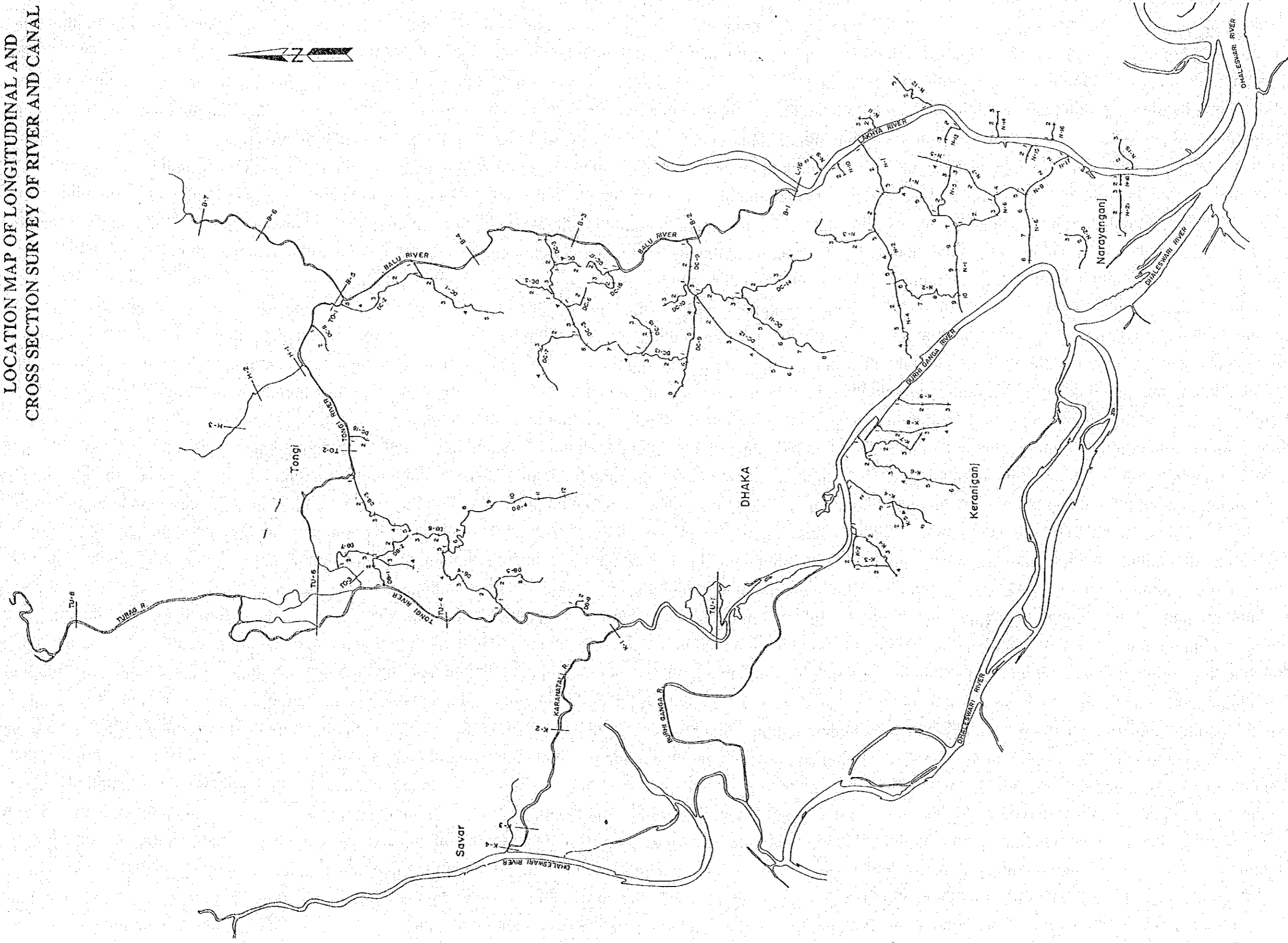
2. LONGITUDINAL AND CROSS SECTION

2.1 TRAVERSING/LEVELING NETWORK
MAP AND LOCATION MAP OF
LONGITUDINAL/ CROSS SECTION
SURVEY OF RIVER AND CANAL

TRAVERSING AND LEVELING NETWORK MAP



LOCATION MAP OF LONGITUDINAL AND
CROSS SECTION SURVEY OF RIVER AND CANAL



2.2 DESCRIPTION OF BENCH MARK

DHAKA CITY BENCH MARK

<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>
<p><u>LINE - A :</u> <u>FROM B'DB, BM, MIRPUR BRIDGE TO B'DB, BM, NAYARHAT BRIDGE.</u></p>				<p><u>LINE - A :</u></p>			
A-1	Marked on the west-end of top stair of Mafidi-e-Am High School, Amin Bazar which is Right side of Dhaka-Aricha road.	6.991		A-13	Marked on the base of Puoca Pillar of sign-board "UPAZILA SHASTA PRAKALPA, SAVAR" which is Right side of Dhaka-Aricha road.	8.460	
A-2	Marked on the south-west corner of wing wall of bridge on Dhaka-Aricha road which is about 500m away from Amin Bazar.	10.257		A-14	Marked on the base of kilometre post Dhamrai 12 km. and Dhaka 26 km. which is at Savar Bus stand on Dhaka-Aricha road.	9.379	
A-3	Marked on the base of kilometre post Dhamrai 23 km. and Dhaka 15 km. on Dhaka-Aricha road.	7.908		A-15	Marked on the base of kilometre post Dhamrai 11 km. Dhaka 27 km. which is 1 km. north from the Savar Bus stand on Dhaka-Aricha road.	9.705	
A-4	Marked on the base of kilometre post Aricha 72 km. and Dhaka 15 km. on Dhaka-Aricha road.	6.984		A-16	Marked on the base of kilometre post Aricha 60 km. Dhaka 29 km.	11.088	
A-5	Marked on the base of kilometre post Dhamrai 21 km and Dhaka 17 km. which is about 250m East of Bailampur bus stand on Dhaka-Aricha road.	7.641		A-17	Marked on the base of kilometre post Dhamrai 9 km. and Dhaka 9 km. on Dhaka-Aricha road.	12.093	
A-6	Marked on the west corner of wing wall of a bridge which is about 1 km. East from Hemayetpur Bazar.	12.047		A-18	Marked on the base of kilometre post Aricha 58 km. Dhaka 30 km.	14.196	
A-8	Marked on the top of kilometre post Aricha 70 km. Savar 8 km. and Dhaka 18 km. which is about 1 km. East from Hemayetpur Bazar.	8.919		A-19	Marked on the base of kilometre post Dhamrai 7 km. Dhaka 31 km.	13.438	
A-7	Marked on the base of kilometre post Dhamrai 19 km. and Dhaka 19 km. which is at Hemayetpur bazar.	7.640		A-20	Marked on the base of kilometre post Aricha 56 km. Dhaka 32 km.	13.831	
A-8	Marked on the base of kilometre post Aricha 68 km. and Dhaka 20 km. which is about 1 km. from Hemayetpur Bazar.	7.919		A-21	Marked on the base of kilometre post Dhamrai 5 km. Dhaka 33 km. which is North side of Cantonment Public School Gate.	12.189	
A-9	Marked on the base of kilometre post Dhamrai 17 km. and Dhaka 21 km. on Dhaka-Aricha road.	7.785		A-22	Marked on the base of kilometre post Aricha 54 km. Dhaka 34 km.	10.060	
A-10	Marked on the base of kilometre post Dhamrai 16 km. and Dhaka 22 km. on Dhaka-Aricha road.	8.353		A-23	Marked on the base of kilometre post Dhaka 35 km and Dhamrai 3 km. which is East of Gana Shasta Kendra on Dhaka-Aricha road.	10.407	
A-11	Marked on the base of kilometre post Dhamrai 15 km. and Dhaka 23 km. on Dhaka-Aricha road.	9.200		A-24	Marked on the base of kilometre post Aricha 52 km and Dhaka 36 km which is near "LINA TEXTILE INDUSTRIES LIMITED".	9.241	
A-12	Marked on the base of Puoca Pillar of sign-board "SAVAR UPAZILA PARISAD" which is situated Right side of Dhaka-Aricha road.	9.019		A-25	Marked on the base of kilometre post Dhamrai 1 km. Dhaka 37 km.	9.933	
<p><u>LINE - B :</u> <u>FROM G.T.S. RAMNA TO B'DB, BM, TONGI BRIDGE.</u></p>				<p><u>LINE - B :</u> <u>FROM G.T.S. RAMNA TO B'DB, BM, TONGI BRIDGE.</u></p>			
<p><u>LINE - A2 :</u> <u>LINE FROM BM A-14 TO BM N1-2</u></p>				<p><u>LINE - B1 :</u> <u>LINE FROM B'DB, BM TONGI.</u></p>			
A2-1	Marked on the floor of Badal General Store which is about 320m West from the Savar Bus-stand and is near by the road to Savar Bazar.	8.242		B-1	Marked on the plinth level of Telephone Box which is south east of Bally road & East side Kakrail to Maghbazar road.	8.663	
A2-2	Marked on the plinth level of Agrani Bank which is east of Savar bazar.	9.015		B-2	Marked on the plinth level of Railway crossing Guard room on Tongi Division Road, Maghbazar.	8.879	
				B-3	Marked on the south east corner of manhole slab which is Polytechnic opposite site from Polytechnic Institute.	8.050	
				B-4	Marked on the base of Pillar at gate of Bengal Beverage Industries Limited.	8.016	
				B-5	Marked on the floor level south east corner of Modern Auto Filling House, Mohakhali.	7.585	
				B-6	Marked on the plinth level of Telephone box here near A.R.A. Mansion, Mohakhali.	7.105	
				B-7	Marked on the base of D.O.H.S. signboard post near the PONI Photographers and Railway crossing.	7.927	
				B-8	Marked on the base of Flag stand West side of road near the Navy Gate.	7.438	
				B-9	Marked on the base of Pover pole near the station officers mess, Banani.	6.996	
				B-10	Marked on the base of kilometre post Dhaka 13 km. Tongi 8 km. which is near the Cantonment Railway Station.	7.116	
				B-11	Marked on the base of kilometre post Dhaka 14 km Mymensingh 107 km.	6.834	
				B-12	Marked on the base of Poster wall west side of Road.	7.348	
				B-13	Marked on the base of kilometre post Dhaka 16 km and Mymensingh 105 km.	7.332	
				B-14	Marked on the Flag wall which is near the Y.V.L.P. Terminal	7.740	
				B-15	Marked on the base of kilometre post Dhaka 18 km. and Mymensingh 103 km.	7.731	
				B-16	Marked on the Island Jasimuddin Avenue at Uttara Model Town.	7.987	
				B-17	Marked on the base of kilometre post Dhaka 20 km. Mymensingh 101 km.	9.214	
				B-1/1	Marked on the floor at the north-east side of gate of Telephone Silpa Sangstha Limited at Tongi.	7.609	
				B-1/2	Marked inside at the gate of Dhaka Steel Works Limited at Tongi Industrial Area.	8.511	
				B-1/3	Marked on the plinth level south-west corner of Hossain Market, Tongi	6.924	
				B-1/4	Marked on the plinth level north-east corner of Maa Enterprise which is west side of Mymensingh road at Tongi.	6.866	
				B-1/5	Marked on the Flag wall south-east corner of Khaled Iron and Steel Limited, Tongi.	7.067	
				B-1/6	Marked on the south-west corner of bridge which is near kilometre post Dhaka 23 km. & west side of Matsia Khanar, Board bazar, Tongi.	8.214	
				<u>LINE - B2 :</u> <u>LINE FROM BM. B-1/1.</u>			
				B-2/1	Marked on the plinth level of guard at Railway crossing at Tongi.	8.535	
				B-2/2	Marked on the plinth level at Mainamati Store near Mark on T & T Coloney gate, Tongi.	6.712	
				B-2/3	Marked on the south-west corner of Railway bridge at Majukhan village.	10.431	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - B3</u> <u>LINE FROM BM. B-1/6 TO BM.B-1/2.</u>			
B-3/1	Marked on the pipe culvert at Guasha village.	7.629	
B-3/2	Marked on the plinth level south-east corner of a house belongs to Naju Molla at Guasha village.	9.278	
B-3/3	Marked on the plinth level south-east corner of a house belongs to Syed Laskar at Sataish-Bandi village.	8.206	
B-3/4	Marked on the plinth level south-west corner of a house belongs to Mafiz Khan at Satash bazar.	9.103	
B-3/5	Marked on the north-east corner of Tower of 33 KV. Line.	8.298	
B-3/6	Marked on the pipe culvert at Bars Deora village.	8.617	
B-3/7	Marked on the plinth level of Shop belongs to A. Haque Mandal at Bazar, Tongi.	7.452	
B-3/8	Marked on the base of Power pole which is near the house of Ashraque Khan at Aushapara village.	8.097	

A/2/

8.16/

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - C ; FROM TONGI BRIDGE TO ARICHA ROAD.</u>			
BWDB	Bench Mark Tongi 299	10.248	
C-1	Marked on the south east corner of Sluice gate of BWDB Embankment.	8.088	
C-2	Marked on the north west corner of Mandir near the house of Motigosh at Ranabola village.	6.810	
C-3	Marked on the top of Mimbar of Roshadia Idgah.	7.888	
C-4	Marked on the 2nd step of stair of a house belongs to Ansar Ali in Kemarpara village.	6.844	
C-5	Marked on the plinth level north-west corner of a house of Ali Akbar in Nayani Chata village.	5.922	
C-6	Marked on the plinth level north west corner of a house belongs to Sukur Depari in Nayani Chata village.	7.197	
C-7	Marked on the plinth level north east corner of a building belongs to Madaa Sarker in Dhaur Village.	7.356	
C-8	Marked on the base of Pucca signboard pillar -ritten Tongi-Asolia, Savar road.	10.178	
C-9	Marked on the base north east corner of Tower No.209A of 132 KV. Power line.	3.930	
C-10	Marked on the top Bamboo Pag.	2.908	
C-11	Marked on the north-west corner of culvert which is north of Asolia Bazar.	8.421	
C-12	Marked on the north east of plinth level of a Pucca house of Sekandar Mia in Tongabari village.	7.237	
C-13	Marked on the north east corner of culvert which is on Asolia to Zirabo road.	7.462	
C-14	Marked on the plinth level south west corner of a Shop of Ali Reza at Zirabo Bus stand.	10.284	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - D ;</u> <u>FROM BWDB, BM.MILL BARRAK TO BM.11 OF LINE-B</u> <u>(DISWA ROAD MUR, NEW AIRPORT ROAD)</u>			
BWDB.	Bench Mark Mill Barrak 42	6.424	
D-1	Marked on the south east corner of plinth level of SONALI BANK at 157 Distriary Road Mur.	6.247	
D-2	Marked on the north west corner of Bayanganj Bridge on Tikatoly-Dupkhola road.	9.487	
D-3	Marked on the sign board.	7.734	
D-4	Marked on the Footpath on Jatrabari-Khilgaon road which is at north-east gate, Dhaka city Corporation Office.	7.286	
D-5	Marked on the south west corner of Plinth level of Hotel Apollo, House No.59/1, Otish Benankur road at South Mugdpara.	7.060	
D-6	Marked on the plinth level at gate of Kamalapur High School which is south west corner of Maynakanon.	6.846	
D-7	Marked on the south-west corner of Plinth level of P.B.Colony Pump house which is near Khilgaon Rail gate.	7.307	
D-8	Marked on the top step of stair at door of Khilgaon Shahi Mosque which is west side of Khilgaon Sub-Post office.	7.458	
D-9	Marked on the south west corner of staircase (Plinth level) of Malibag Super Market.	6.941	
D-10	Marked on the Oil tank of PAEMA OIL COMPANY LTD., D.I.T.Road, at Hajipara.	6.831	
D-11	Marked on the plinth level south side of 2nd gate of Television Bhaban, Rampura.	7.076	
D-12	Marked on the base of Transformer Pole which is in front of Alambag Community Centre, Badda, Gulshan, Dhaka.	6.391	
D-13	Marked on the plinth level north west corner of Shop No.74/75, Rossain Super Market, north Badda, Gulshan, Dhaka.	6.801	
D-14	Marked on the floor level south west corner of gate of Jananes School, Shahajadpur, Progati Sarani, Gulshan, Dhaka.	7.222	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>Line - D</u>			
D-15	Marked on the gate of CIVIC, 53 Sarwardhy Avenue Baridhara, Dhaka which is opposite side of Nayanagar Cocacola Agent.	6.962	
D-16	Marked on the south east corner of National Motor & Engineering Works, 33/KA Qural Pragati Sarani, Dhaka Cantonment.	7.742	
D-17	Marked on the north east corner of Pragati Shoroni Rail Crossing Guard room.	8.171	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - E ; LINE FROM BM P-4.</u>			
E-1	Marked on the plinth level, south west corner of Losmananj mosque near noor villa at Jingire.	6.832	
E-2	Marked on the base of Power Pole which is near kilometre post 1/41 km & side of Nurul Islam's House at Bondchatgaon village.	5.767	
E-3	Marked on the top of kilometre post 2/40 km. which is near Kalindi Girl's School.	6.676	
E-4	Marked on the top of kilometre post 3/39 km which is near Nacross mosque.	6.402	
E-5	Marked on the north-east corner of parapet wall of bridge and is near kilometre post 4/38 km.	8.460	
E-6	Marked on the base of Power Pole near kilometre post. 5/37 km.	4.912	
E-7	Marked on the top of kilometre post 6/38 km. which is at Konakhola village.	6.757	
E-8	Marked on the north-east corner of Velly bridge near Sakta High School	7.024	
E-9	Marked on the wall of pipe culvert left side of road near Kakatia village.	3.069	
E-10	Marked on the wall of pipe culvert which is right side of road near the village Sonerkanda.	4.287	
E-11	Marked on the south-west corner of bridge which is at Rohitpur Bazar and near the Sonerkanda College.	6.716	
E-12	Marked on the north west corner of parapet wall of Ruhitpur bridge.	8.638	
E-13	Marked on the south west corner of graveyard wall which is named Kalai Fakir Majar at Sonakanda.	7.135	
E-14	Marked on the south east corner of wing wall of Sonakanda bridge which is near the bus stand.	7.437	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - F ; FROM MILL BARRAK TO DHALES-</u> <u>TARI RIVER BANK ALONG MAWA ROAD.</u>			
F-1	Marked on the plinth level Paridabad Telephone office building.	6.668	
F-2	Marked on the plinth level of post box, Postagola Army Cantonment gate.	6.807	
F-3	Marked on the base of light post, south side of Chaina bridge over Buriganga river.	11.401	
F-4	Marked on the south-east corner of bridge No.1/8 (Ekuria Bridge) on Dhaka Mawa road.	7.021	
F-5	Marked on the south-west corner of bridge No.2/2 on Dhaka Mawa road.	7.427	
F-6	Marked on the base of kilometre post Dhaka 8 km. on Dhaka-Mawa road.	6.873	
F-7	Marked on the south west corner of bridge No.9/1 on Dhaka-Mawa road.	7.403	
F-8	Marked on the base of kilometre post Dhaka 9 km. on Dhaka Mawa road.	6.933	
F-9	Marked on the north west corner of culvert No.10/1 on Dhaka-Mawa road.	7.426	
F-10	Marked on the base of kilometre post Dhaka 10 km. on Dhaka-Mawa road.	6.943	
F-11	Marked on the north-west corner of Bailey bridge over pointer khal at Rajendrapur Bus stand.	6.100	
F-12	Marked on the north west corner of culvert No.12/1 on Dhaka-Mawa road.	7.219	
F-13	Marked on the base of kilometre post Dhaka 12 km. on Dhaka - Mawa road.	6.873	
F-14	Marked on the base of kilometre post Dhaka 13 km. on Dhaka - Mawa road.	6.804	
F-15	Marked on the base of kilometre post Dhaka 14 km. on Dhaka - Mawa road.	6.883	
F-16	Marked on the base of kilometre post Dhaka 15 km. on Dhaka - Mawa road.	7.173	
F-17	Marked on the south east corner of culvert No.16/1 on Dhaka-Mawa road.	7.135	
F-18	Marked on the base of kilometre post Dhaka 16 km. on Dhaka - Mawa road.	7.324	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE- F1</u> <u>Line from BM F2 to BM G2.</u>			
F1-1	Marked on the plinth level of Diana Cinema Hall.	6.249	
F1-2	Marked on the plinth level of Sangit Cinema Hall.	5.214	
F1-3	Marked on the plinth level Uttara Bank, Jatrabari.	6.853	
F1-4	Marked on Kajla bridge on Dhaka Demra Road.	8.433	
F1-5	Marked on the floor level at gate of Sukur Bhuiyan house at Kajla village.	5.981	
F1-6	Marked on the bottom of boundary wall of Rupsa Re-rolling Mills and Industries Ltd. north side of Dhaka-Demra road.	5.900	
F1-7	Marked in the south east corner of bridge No. 41 $\frac{1}{4}$ on Dhaka-Demra road at Mautail village.	9.434	
F1-8	Marked on south west corner of bridge No. 131 $\frac{2}{3}$ on Dhaka-Demra road at Mautail village.	7.881	
F1-9	Marked on the plinth level south west corner of Konnara mosque near Mautail Islamic Madrasa.	5.893	
F1-10	Marked on the north west corner of bridge No. 52 $\frac{3}{5}$ at Konnara village.	8.649	
F1-11	Marked on the parapet wall south east corner of bridge No. 15 $\frac{2}{5}$ which is in front of Sufia Rolling Steel Mills Ltd. Konnara.	7.413	
F1-12	Marked on the south east corner of bridge No. 45 $\frac{3}{5}$ at Konnara village.	8.308	
F1-13	Marked on the south west corner of bridge No. 15 $\frac{2}{5}$ at Dilla village.	6.993	
F1-14	Marked on the south west corner of culvert near Marn Industrial Chemicals Limited.	5.624	
F1-15	Marked on the Island (Shahid Minar) on Demra trifurcate road.	7.815	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - F4</u> <u>Line from BM F2 to B&DB BM NO. 43 at Hariharpara, Narayanganj.</u>			
F-4/1	Marked on the Sentic tank which is in front of the gate of ALLAH MET L INDUSTRIES LTD. and is North side of road.	6.741	
F-4/2	Marked on the plinth level which is in front of the gate of M/3. INTERNATIONAL LTD. & is near Kamzuli Galandering Printing Mills Limited.	6.726	
F-4/3	Marked on the floor at the gate which is in front of M.M. OIL MILLS LTD.	6.678	
F-4/4	Marked on the base of Electric Pole which is in front of Haji Shamsuzzaman & Brothers and east side of road.	6.310	
F-4/5	Marked on the floor at the gate of V. I. P. Terminal BITTA, Pagla.	6.773	
F-4/6	Marked on the plinth level, North east corner of Aligonj Zam-e-Mosque.	6.560	
F-4/7	Marked on the plinth level of Aligonj Iron works, Idrakpur, Fatulla.	6.101	
F-4/8	Marked on the plinth level south east corner of K. ALI FOUNDRY & ENGINEERING WORKS, IDRAXPUR, Fatulla.	6.403	
F-4/9	Marked on the plinth level south west corner of DAPA Zam-e-Mosque, Fatulla.	7.102	
F-4/10	Marked on the plinth level north-east corner of Fatulla Bazar Mosque.	6.334	
F-4/11	Marked on the floor which is at the gate of 33/11 K.V. Power Station, Fatulla.	6.448	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE- F2</u> <u>Line from F1/1 to SOB. BM. Rly. Bridge.</u>			
F2-A	Marked on the north west corner Sympur Rly. bridge.	7.531	
SOB BMG-8	Marked on the Pajakhola Railway bridge, Sympur, Kadamtala.	6.128	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE- F5</u> <u>Line from F3-3 to Narayanganj.</u>			
F5-1	Marked on the bridge on the road from Panchabati-Munshigonj road.	4.004	
F5-2	Marked on the Manhole on Panchabati-Munshigonj road.	5.423	
F5-3	Marked on the step of stair in front of the house of Latif Min.	5.361	
F5-4	Marked on the plinth level of Shoping Centre near Sympur Cinema Hall at Kashipur bazar.	5.575	
F5-5	Marked on the bridge on Kashipur-Narayanganj road.	5.363	
F5-6	Marked on the plinth level of PINKIE BISCUIT FACTORY, Paikpara, Narayanganj.	5.741	
F5-7	Marked on the traffic sur No. 1 R.I. ghat Narayanganj.	6.329	
B&DB BM	Narayanganj.	5.817	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE-F3</u> <u>Line from Hariharpara-Narayanganj.</u>			
F3-1	Marked on the Island at Railway Gate No. 1 Chasara.	6.668	
F3-2	Marked on the Manhole on Narayanganj-Dhaka Road.	6.419	
F3-3	Marked on the Manhole at Panchabati on the Narayanganj-Dhaka road.	6.674	
B&DB BM	Hariharpara 43	5.475	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE -G: FROM B&DB. BM DEMRA.</u>			
G-1	Marked on the manhole at Ahmed Bavani Jute Mills which is west side of the road.	6.674	
G-2	Marked on the north east corner of Shahid Minar at the trijunction of road at Demra mar.	7.820	
G-3	Marked on the base of kilometre post 11km. which is west side of road from Demra to Narayanganj.	6.535	
G-4	Marked on the base of kilometre post 10km. which is west side of Demra-Narayanganj road.	6.732	
G-5	Marked on the base of kilometre post 9km. which is west side of Demra-Narayanganj road.	7.860	
G-6	Marked on the base of kilometre post 8km. on Demra-Narayanganj road.	6.721	
G-7	Marked on the base of kilometre post 7 km. which is west side of Demra-Narayanganj road.	6.608	
G-8	Marked on the base of kilometre post 6 km. west side of Demra-Narayanganj road.	6.729	
G-9	Marked on the base of kilometre post 5 km. west side of Demra-Narayanganj road.	6.940	
G-10	Marked on the base of kilometre post 4km. which is west side of Demra-Narayanganj road.	6.511	
G-11	Marked on the base of kilometre post 3km. west side of Demra-Narayanganj road.	8.016	
G-12	Marked on the base of kilometre post 2 km. west side of Demra-Narayanganj road.	6.415	
G-13	Marked on the manhole which is west side of Demra-Narayanganj road.	6.934	
G-14	Marked on the footpath at Khaupur on Demra-Narayanganj road.	6.312	
B&DB BM	Demra 7.5	6.433	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - H.</u>			
<u>LINE FROM I.W.T.A. GHAT, NARAYANGONJ.</u>			
H-1	Marked on the south east corner of Bandar Railway station.	7.395	
H-2	Marked on the plinth north-west corner of a Pucca house belongs to Nuruddin.	5.968	
H-3	Marked on the south-west corner of Platform of Nabigonj Railway station.	7.689	
H-4	Marked on the bridge west side of Bandar-Madanpura road	6.582	
H-5	Marked on the stair of Ghatla west side of Bandar Madanpur road at Romnagar village.	5.543	
H-6	Marked south east corner of Kutipara Rail station west side of road.	7.744	
H-7	Marked on the plinth of mosque east side of Bandar-Madanpura road.	5.961	
H-8	Marked on the kilometre post 16 km, north side of Dhaka-Chittagong road.	6.051	
H-9	Marked on the manhole, north side of Dhaka-Chittagong road.	5.666	
H-10	Marked on the footpath on Kachpur road.	7.236	
H-11	Marked on the bridge which is west side of Dhaka-Narsingdi road.	7.209	
H-12	Marked on the manhole on Dhaka-Narsingdi road.	6.684	
H-13	Marked on the manhole at Taraboo bazar.	6.180	

BM.NO.	Description of Bench Mark Locations	MSL/RL(M)	Remarks.
<u>LINE - J : LINE FROM BM C11 TO BM A-17.</u>			
J-1	Marked on the 2nd step of stair which is south side of Asulia Union Parishad Office.	9.315	
J-2	Marked on the culvert on Asulia-Savar road.	9.897	
J-3	Marked on the plinth level South west corner of Chorabag Madrasha.	11.067	
J-4	Marked on the south west corner at wing wall of culvert which is near Aucknara bazar.	8.354	
J-5	Marked on the south side of gate of a house belongs to Monana Khaton near by Asulia-Savar road.	13.750	
J-6	Marked on the north west corner of wing wall of culvert on Asulia-Savar road.	8.586	
J-7	Marked on the west end of culvert near R.Y. & P. depos check post.	10.823	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - H</u>			
Line from BM.H1 (Bandar, Narayangonj) to BWDB, BM, Kalagachia.			
H-14	Marked on the north east corner of Railway Bridge.	9.508	
H-15	Marked on the north east corner of Railway Bridge.	7.548	
H-16	Marked on the step of stair which is in front of Railway Office.	7.376	
H-17	Marked on the step of stair to the entrance of a house belongs to Baten Mollah at Madangonj.	5.432	
H-18	Marked on the south west corner of bridge on the Madangonj to Kalagachia road.	6.632	
H-19	Marked on the plinth level, north east corner of a Shop of Sachomia.	6.601	
H-20	On BWDB, BM. at Kalagachia 71	5.355	

BM No.	Description of Bench Mark Locations	MSL/RL(M)	REMARKS
<u>LINE - K : LINE FROM BM C-14.</u>			
K-1	Marked on the base north east corner of Power line Tower at at Goshbag which is near by the road.	9.752	
K-2	Marked on the Platform of Tube-well at Goshbag Mosque.	9.636	
K-3	Marked on north east corner of culvert at Narsingpur which is near a Deep Tube-well.	10.664	
K-4	Marked on the south west corner of wing wall of a box culvert which is called Gomail Dhanid and Goral Junction.	8.901	
K-5	Marked on the north east corner tube-well Platform which is the house of Fakirchand at Dhanid Village.	10.187	
K-6	Marked on the floor south west corner of a shop belongs to Md. Entajuddin which is at Bagbari Madrasha.	9.062	
K-7	Marked on the south west corner of Surabari Bridge.	8.313	
K-8	Marked on the plinth level south west corner of Qasimpur Rice Mill Godown.	10.169	
K-9	Marked on the 1st step of stair to the entrance of BADC Office Building at Qasimpur.	8.767	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - I : LINE FROM P-5 TO GAUGE STATION DHALIKANDI.</u>			
I-1	Marked on the plinth level of Mosque at Khulomura, south side of road near Tempo workshop.	8.370	
I-2	Marked on the plinth of Minar of Mosque at Boraria village which is south side of road.	5.314	
I-3	Marked on the plinth level of Nayabazar High School which is west side of building and south side of road.	5.281	
I-4	Marked on the top of wall at Joynagar Mosque, which is north side of road.	6.108	
I-5	Marked on the pucca pillar at Anil Chandra's House at the village Bharal Rishibari	5.466	
I-6	Marked on the top of stair Abu Taher's at the village Bhwal Monoharie's North side of road.	5.799	
I-7	Marked on the plinth of the house belongs to Gourgosh at Gutia village, south side of road.	6.229	
I-8	Marked on the plinth at Moher Sarkar's house in the village Ranjibpur	5.521	
I-9	Marked on the plinth of Mosque at the village Munshinda which is 115m north from the road.	6.123	
I-10	Marked on the top of wall of grave at Hossain Sarang's house at the village Begunbag, north from the road.	6.399	
I-11	Marked on the culvert which is near the house of Anwar Ali at Jagannathpur village.	6.043	
I-12	Marked on the top of rice mill at Samad Sarang's House (BWDB BM Kalatia 70)	6.823	

BM.NO.	Description of Bench Mark Locations.	MSL/RL(M)	Remarks.
<u>LINE - L : LINE FROM BWDB, BM No. 43 AT HARIHARPARA.</u>			
L-1	Marked on the Salt tank which is west side of a Rice Mill belongs to Nawab Ali at Baira (Muslim nagar) village.	5.543	
L-2	Marked on the north-west corner of mosque of Baira village	5.859	
L-3	Marked on the north west corner plinth level of house belongs to Dil Mohammad at Manurbag village.	5.916	
L-4	Marked on the north west corner plinth level of the house of Arab Ali at Amda village.	5.836	
L-5	Marked on the north west corner of bridge which is near the house of Abu mia at Amda (East para) village.	6.031	
L-6	Marked on the north west corner of bridge which is west side of the village Pangaon (Barahati)	5.399	
L-7	Marked on the base of Power pole which is on bank of a tank at south side of Dakshin Pangaon village.	3.828	
L-8	Marked on the plinth level south east corner of Mosque at Kazi ratgram (Eastpara) village.	5.246	
L-9	Marked on the base of Electric pole which is 50m south from the house of Afsar mia at Brahmangaon (Dignia)	4.830	
L-10	Marked on Salt tank which is west side of Rice Mill belongs to Nawab Ali at Byara (Muslim nagar) village.	5.805	

B.M.No.	Description of Bench Mark Location	MSL/RL(M)	Remarks.
<u>LINE - M - LINE FROM BM A14</u>			
M-1	Marked on the plinth level North west corner which is in front of the shop belongs to Sobhan at Savar Bus Stand.	9.219	
M-2	Marked on the South west corner of wing wall of bridge on Barakakor Road which is about 1 Km east from Savar Bazar at Rajasan village.	7.630	
M-3	Marked on the base of Electric pole which is about 1 Km east from the BM M/2 and is 10m west from the house of Motiur Rahman Baroga at Rajasan Village.	10.826	
M-4	Marked on the south west corner of bridge which is 100m east from Marhaba Synthetic Mills Limited at Rajasan Village.	9.809	
M-5	Marked on the south west corner of front Verandha of Kaliakoir Ali Madrasha.	13.985	
M-6	Marked on the bottom step of stair Prabati Samaj Kalyan Sanity Building which is near by Arakan High School.	13.716	
M-7	Marked on the bottom step of stair which is front side of Samair Upashasta Kendra.	13.103	
M-8	Marked on the south west corner of Boundary wall of Mosouo which is west side of Barakakor Ferry ghat.	9.117	
M-9	Marked on the north west corner of culvert which is about end portion of Barakakor village.	3.939	

BM.No.	Description of Bench Mark Location.	MSL/RL (M)	Remarks.
<u>LINE - N1 : LINE FROM B.W.D.B. BM NAYARHAT.</u>			
N-1/1	Marked on the north west corner of great Beam of 'KEY' point (Constructed to cross the river) of Titas Gas Line which is at left bank of Bangshi River.	8.894	
N-1/2	Marked on the floor at the entrance of Paribar Parikalpana Kendra which is near Ghughudia Adharsa High School in Pathalia Union.	8.027	
N-1/3	Marked on the plinth level at middle of West side wall of building belongs to Abdul Latif Mia of Ghughudia village.	8.212	
N-1/4	Marked on the base of pipe which is fixed for the mke for 'Ajan' at the mosque of Sinduria village which is at the left bank of river.	7.638	
N-1/5	Marked on the North west corner of Tube well Platform which is north east side from the house of Abdul Halim at Sinduria village.	7.825	
N-1/6	Marked on the north side of tube-well platform which is west side from the house of Mokades Beperi at Molakar Tek Village.	7.171	
N-1/7	Marked on the step of stair of a building belongs to "Desh Poultry Limited" at the village Bakarpur.	7.100	
N-1/8	Marked on the bottom of south wall Fish Wholesale house at Savar Market.	6.657	

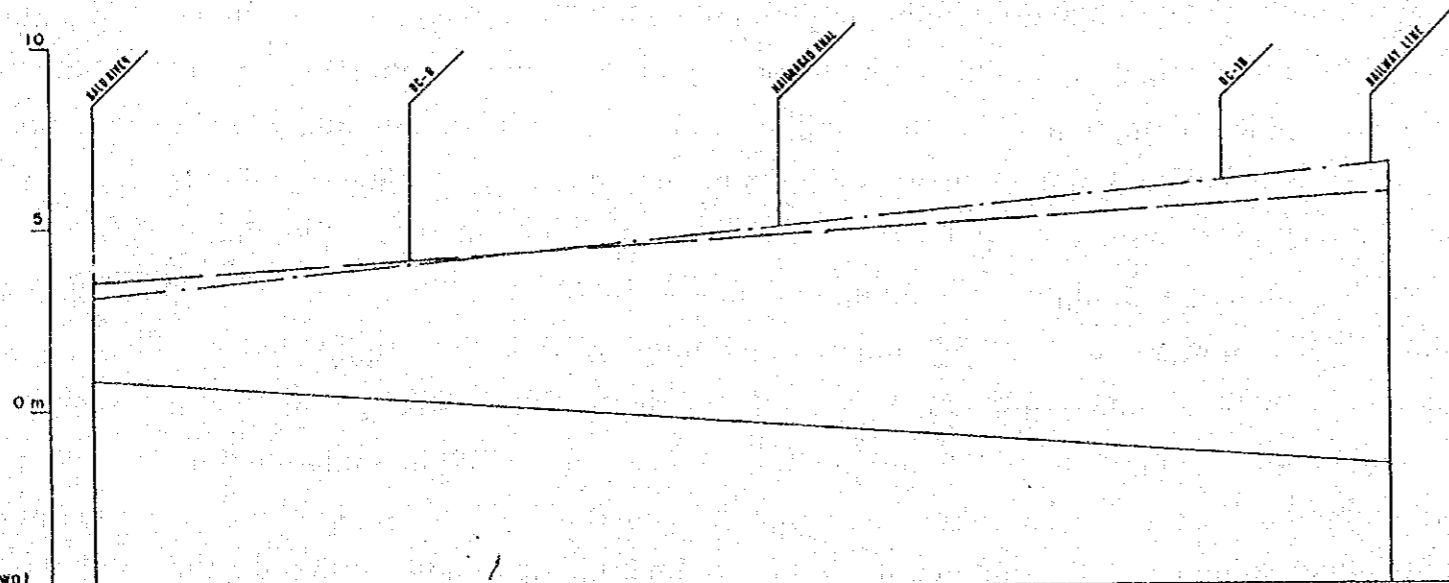
BM.No.	Description of Bench Mark Locations	MSL/RL(M)	Remarks.
<u>LINE - N2 :</u>			
<u>LINE FROM B.W.D.B. BM SAVAR TO BM A-10.</u>			
N2-1	Marked on the floor south-west side to the entrance door in the house of Alauddin mia at the village Kaltarur.	7.633	
N2-2	Marked on the step of stair of Rest house at Kaunopara which is near by Trimohana of river and is left bank of Bangsi River.	8.331	
N2-3	Marked on the step of stair to the east side entrance of a building belongs to Rajemia at the village Panpara.	7.546	
N2-4	Marked on the floor level, west side of door of Tiptop Laundry at Raj Fulbarin Bazar which is at left bank of Bangsi river.	8.059	

BM.No.	Description of Bench Marks Locations	MSL/RL(M)	Remarks.
<u>LINE - P LINE FROM BM A-18 TO N-1/5.</u>			
P-1	Marked on the step of stair south-east entrance to the Kamaluddin Hall in Jahangirnagar University at Savar.	9.839	
P-2	Marked on the plinth level at south verandha of a house belongs to Hossain Member at the village Giron.	11.471	
P-3	Marked on the step of stair to the entrance of Miror Tek Mosque.	7.943	
P-4	Marked on the base of Power pole which is east side of Power Sub-station.	7.461	

2.3 RIVER

TONGI RIVER
KARANATALI RIVER
BALU RIVER
TURAG RIVER
HYDRABAD RIVER

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



DL = 5m.00 (PWD)

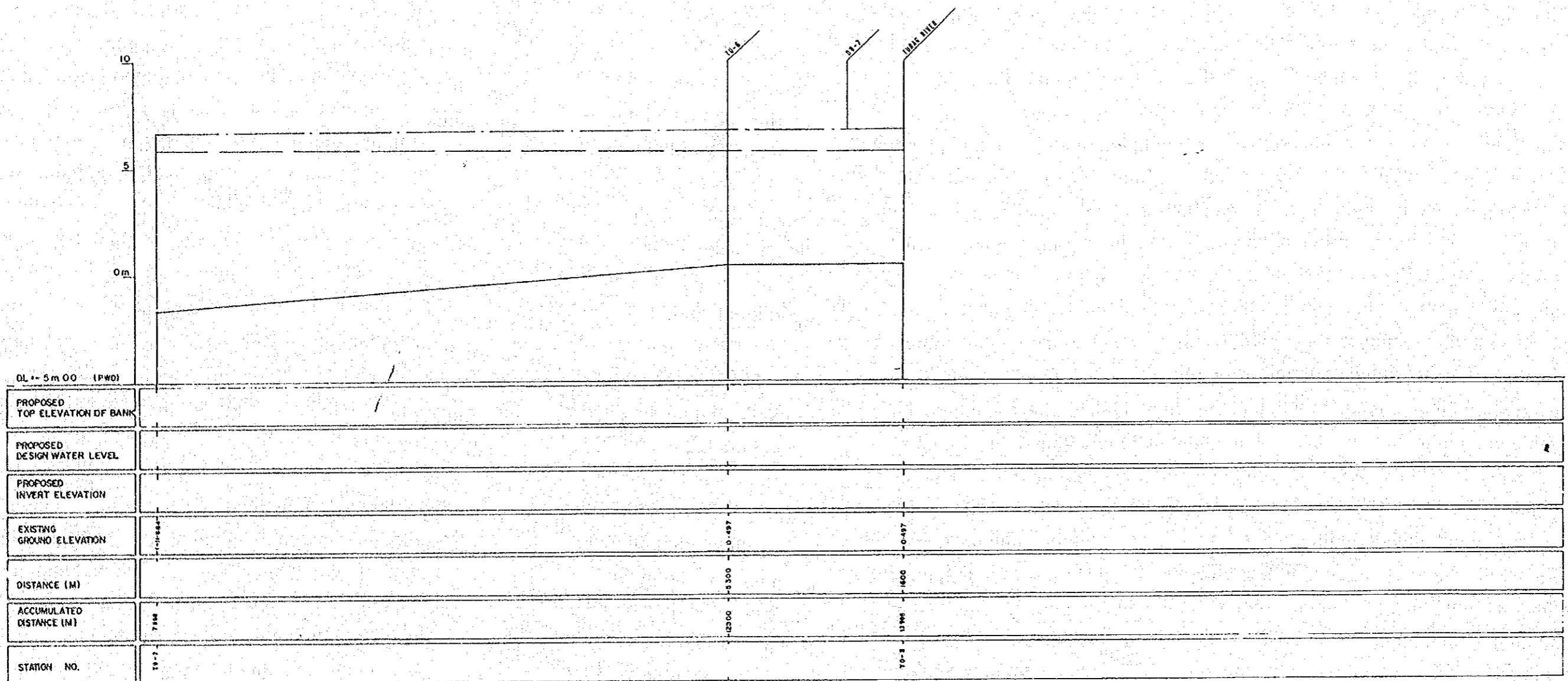
PROPOSED TOP ELEVATION OF BANK	
PROPOSED DESIGN WATER LEVEL	
PROPOSED INVERT ELEVATION	
EXISTING GROUND ELEVATION	<div style="display: flex; justify-content: space-between;"> 6.813 7.000 </div>
DISTANCE (M)	<div style="display: flex; justify-content: space-between;"> 0 7000 </div>
ACCUMULATED DISTANCE (M)	<div style="display: flex; justify-content: space-between;"> 0 7000 </div>
STATION NO	<div style="display: flex; justify-content: space-between;"> TO-1 TO-8 </div>

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

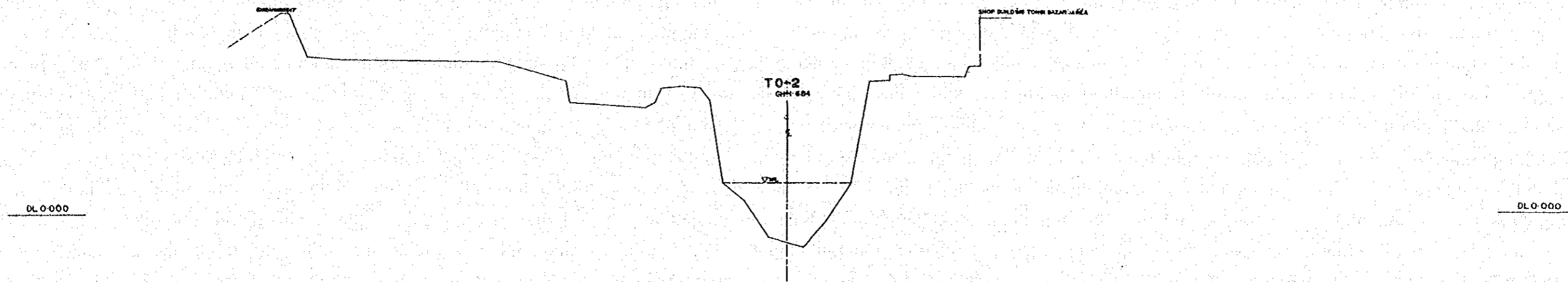
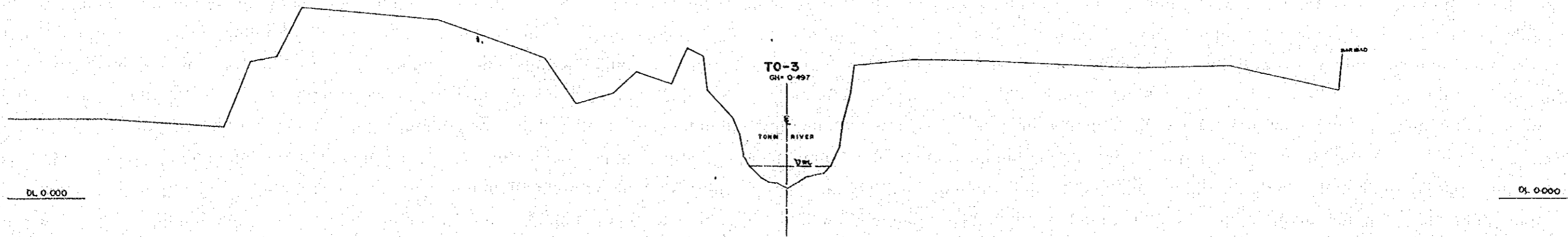
TONGI RIVER		SCALE	H:V 20000 V:1:100
DWG NO	TOR L 1	DATE	March 1991

JAPAN INTERNATIONAL COOPERATION AGENCY



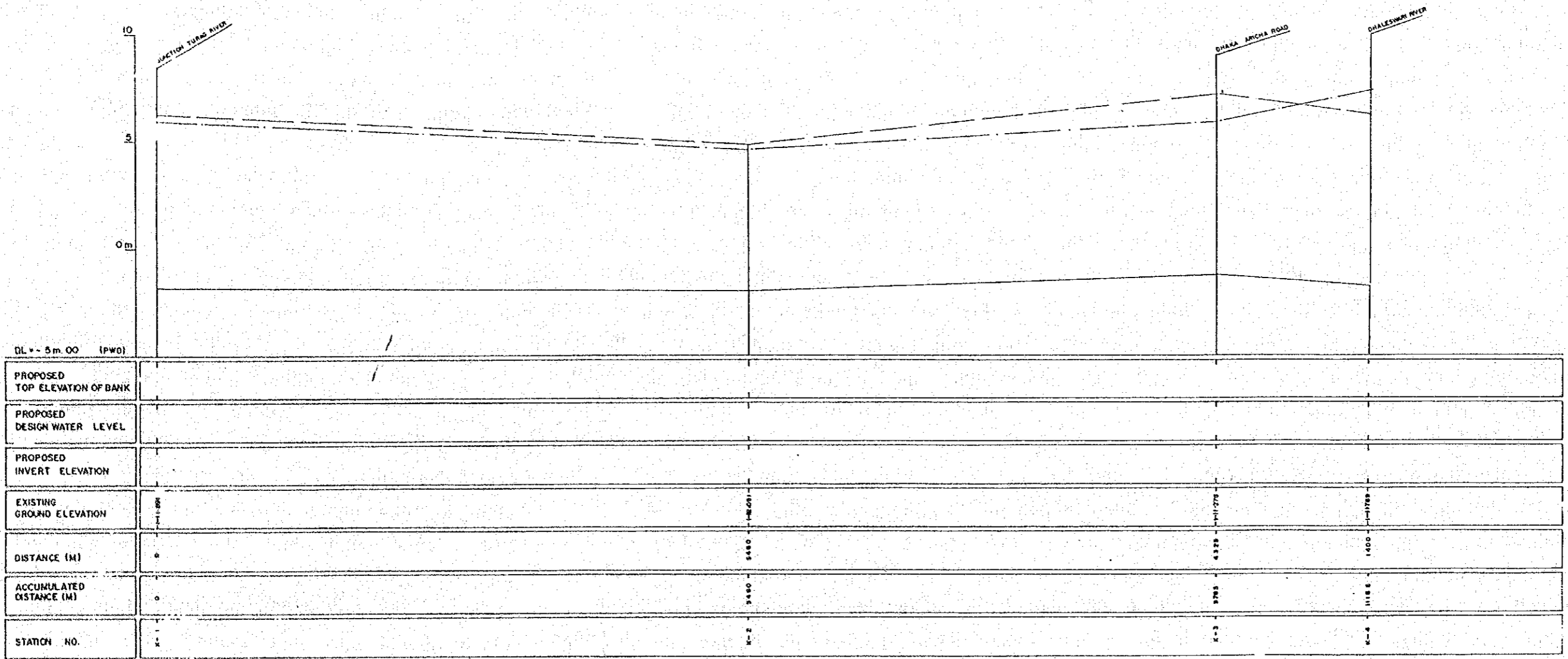
LEGEND
 EXISTING LEFT GROUND LINE - - - - -
 EXISTING RIGHT GROUND LINE - - - - -
 EXISTING BOTTOM LINE - - - - -
 *L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA LONG SECTION OF RIVER			
TONGI RIVER	SCALE	H 1:20000 V 1:100	
DWG NO TOR L 2	DATE	March 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			
TONGI RIVER	SCALE	V.H. 1:1000 V.H. 1:500	
DWG NO TOR CI	DATE	March 1994	
JAPAN INTERNATIONAL COOPERATION AGENCY			

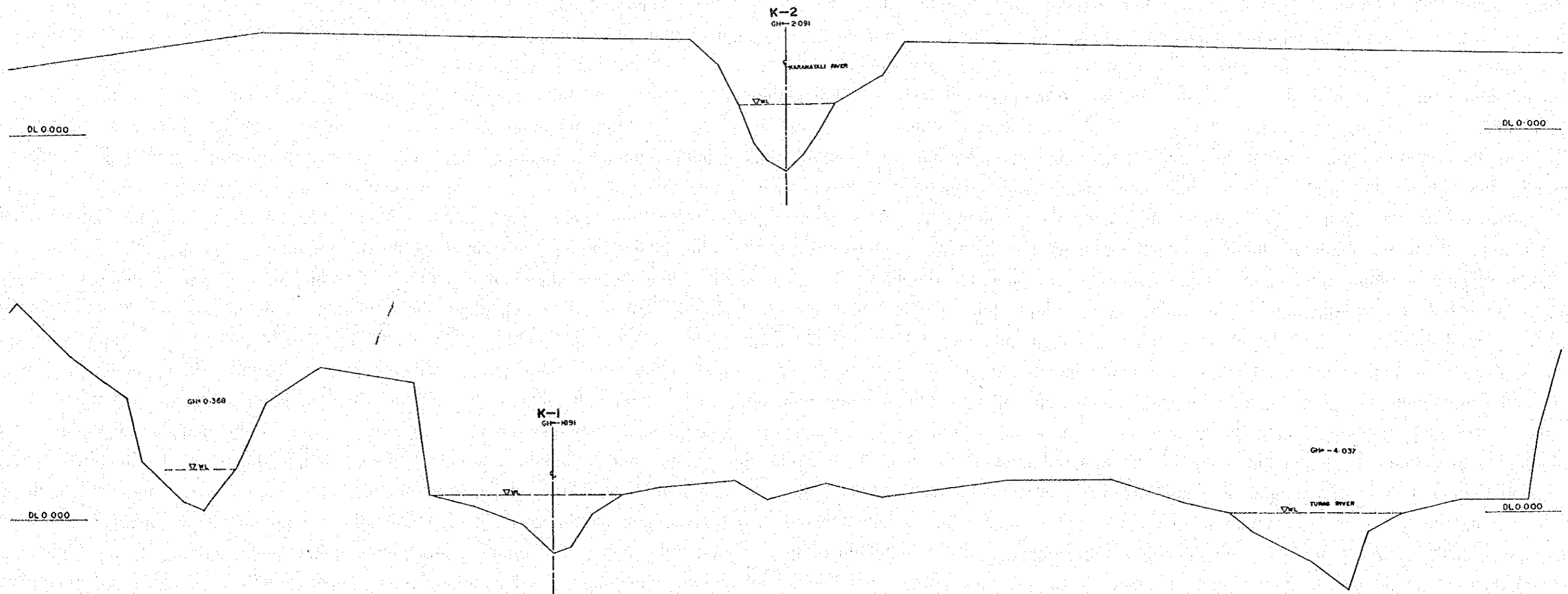


LEGEND
 EXISTING LEFT GROUND LINE - - - - -
 EXISTING RIGHT GROUND LINE - - - - -
 EXISTING BOTTOM LINE - - - - -
 * L/R FACING TO UP STREAM

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

KARANATAJI RIVER	SCALE	H: 1:20000 V: 1:100
DWG NO. KR L I	DATE	March 1991

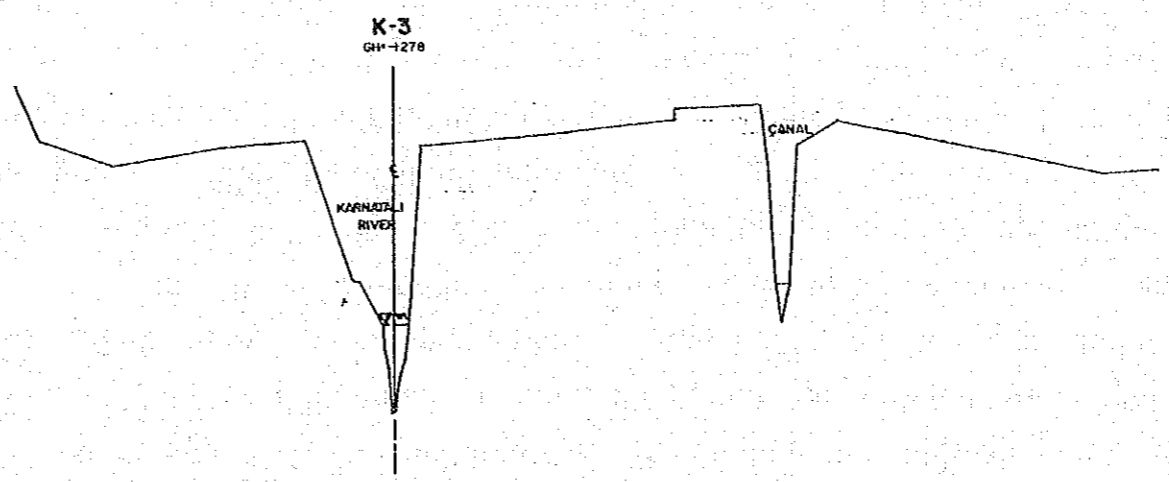
JAPAN INTERNATIONAL COOPERATION AGENCY



*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		
KARANATALI & TURAG RIVER	SCALE	H 1:1000 V 1:100
DWG NO. KR C1	DATE	March 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		

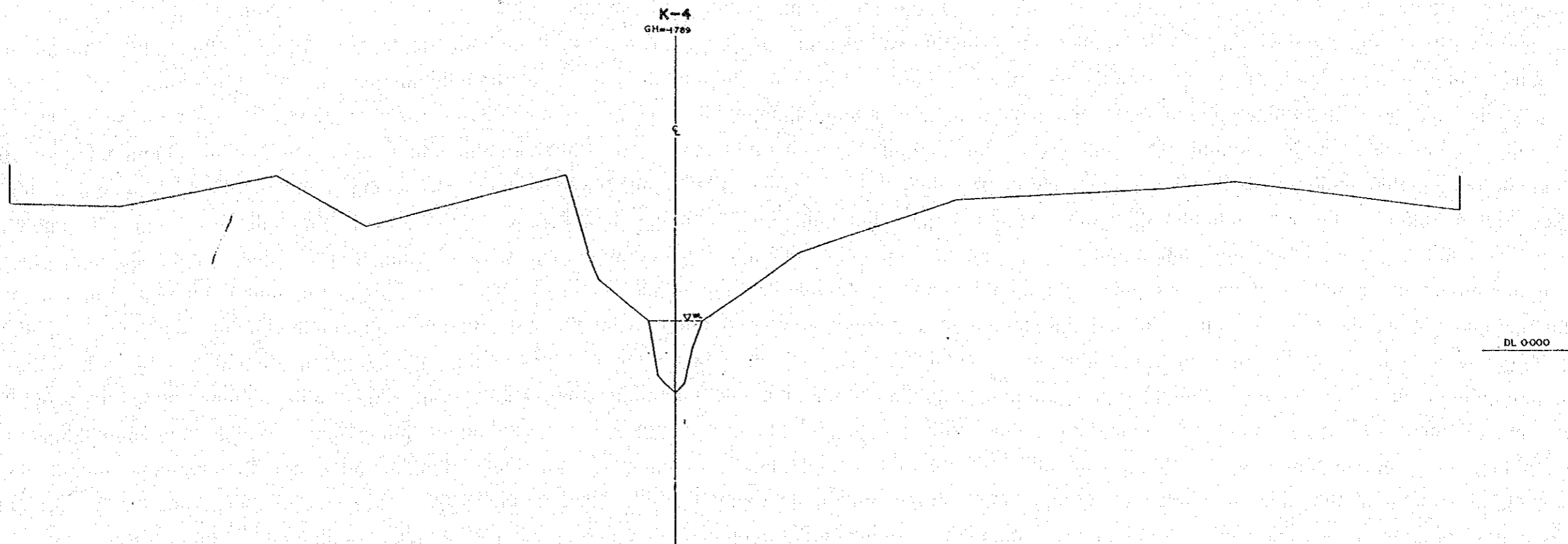
DL 0.00



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*L/R FACING TO UP STREAM

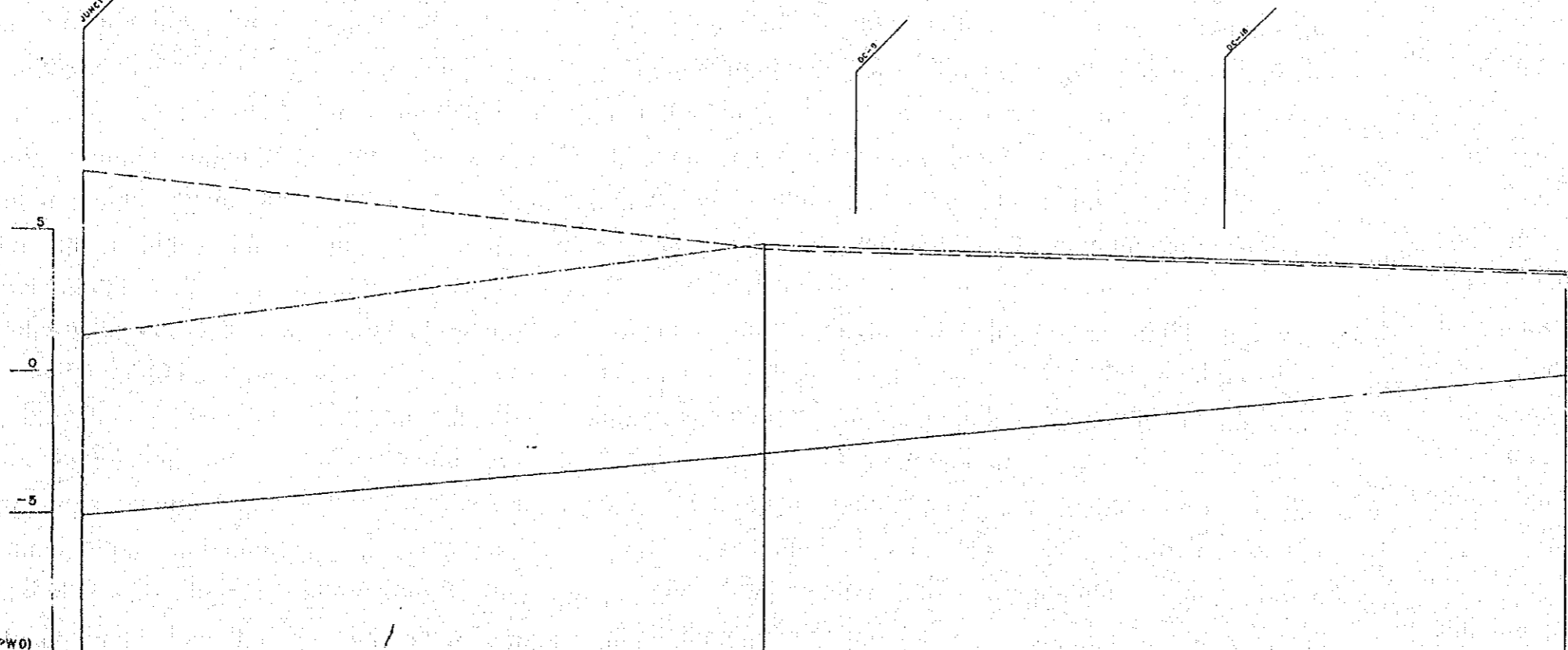
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF RIVER			
KARNATALI RIVER	SCALE	H: 1:200 V: 1:100	
DWG NO	KR C2	DATE	Mar 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			



•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			
KARANATALI RIVER	SCALE	H:1,000	V:1,000
DWG NO	KR C3	DATE	March 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

JUNCTION OF BALU AND LANKHA RIVER



DL = -0.00 m (PWD)

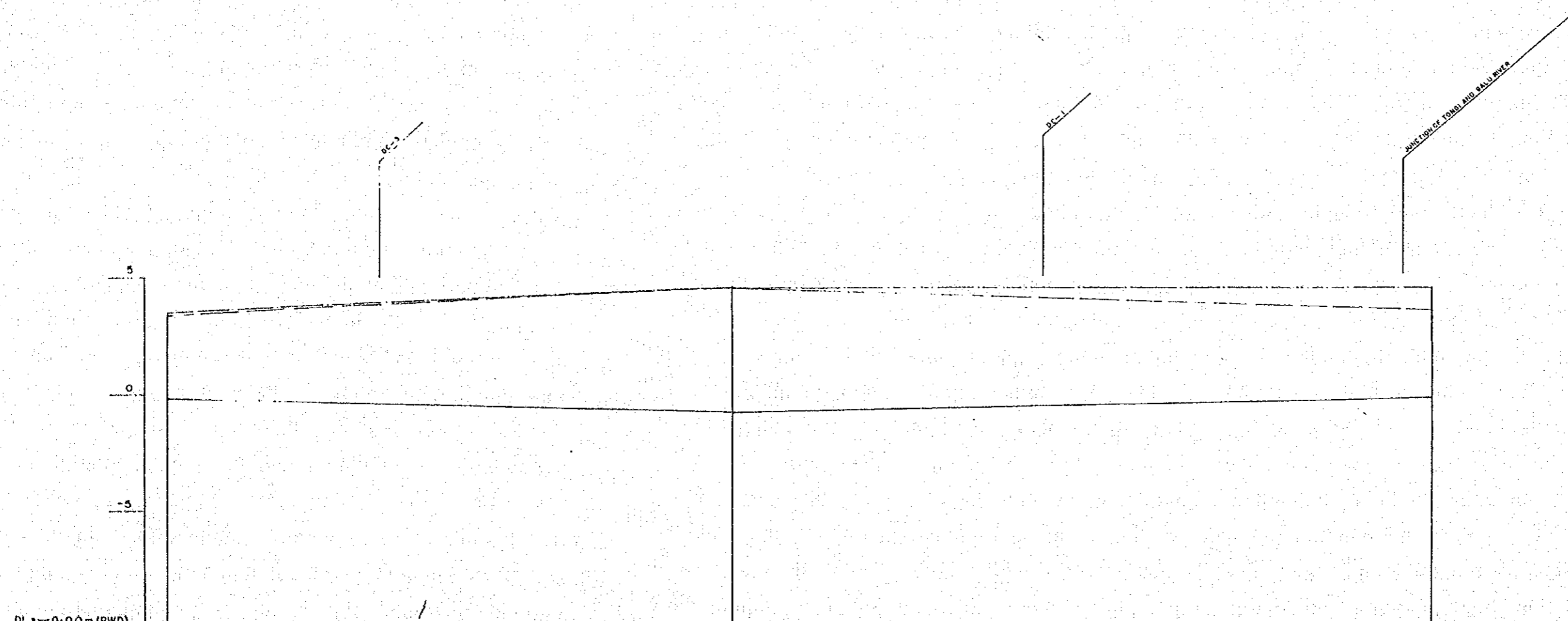
PROPOSED TOP ELEVATION OF BANK			
PROPOSED DESIGN WATER LEVEL			
PROPOSED INVERT ELEVATION			
EXISTING GROUND ELEVATION	4.50	4.75	4.10
DISTANCE (M)	0	4775	5822
ACCUMULATED DISTANCE (M)	0	4775	10600
STATION NO.	1.0	1.2	1.3

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 NOBA
 DHAKA METROPOLITAN AREA
LONG SECTION OF RIVER

BALU RIVER	SCALE	H. 1:2000 V. 1:100
DWG NO. BR LI	DATE	March 1991

JAPAN INTERNATIONAL COOPERATION AGENCY

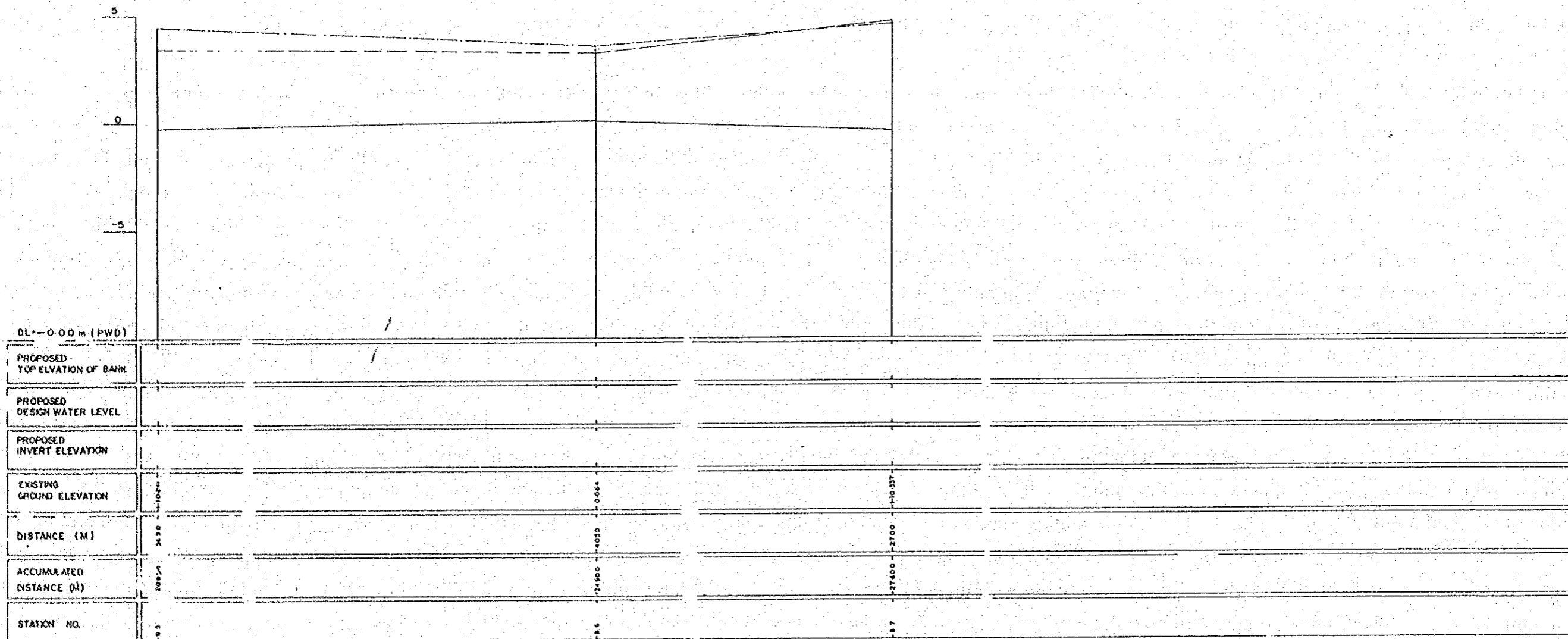


DL 1 = 0.00 m (PWD)

PROPOSED TOP ELEVATION OF BANK			
PROPOSED DESIGN WATER LEVEL			
PROPOSED INVERT ELEVATION			
EXISTING GROUND ELEVATION	4.037	4.030	4.034
DISTANCE (M)	425	480	565
ACCUMULATED DISTANCE (M)	0	480	1045
STATION NO.	83	84	85

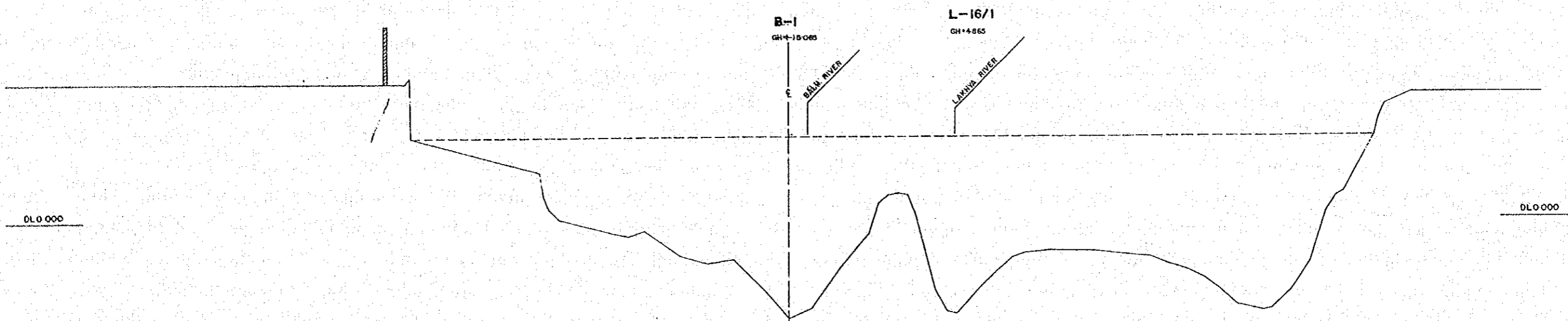
LEGEND
 EXISTING LEFT GROUND LINE - - - - -
 EXISTING RIGHT GROUND LINE - - - - -
 EXISTING BOTTOM LINE - - - - -
 RL/R FACING TO UP-STREAM

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NOBA DHAKA METROPOLITAN AREA LONG SECTION OF RIVER		
BALU RIVER	SCALE	1:2000 1:100
DWG NO BR L2	DATE	March 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		



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

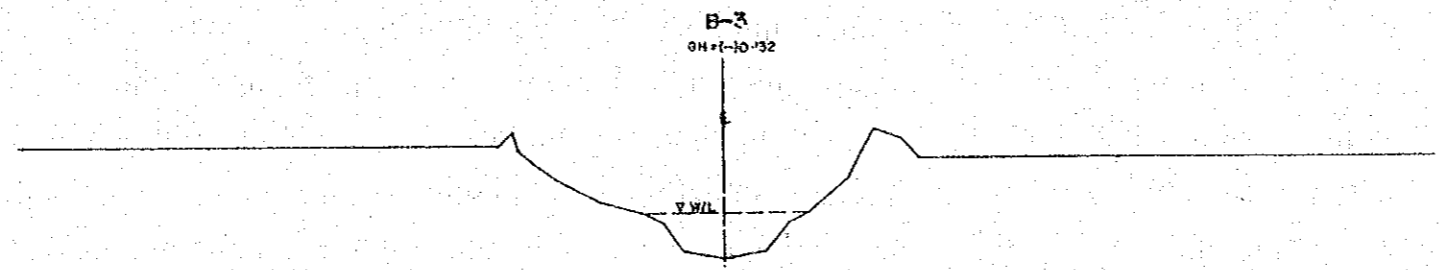
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO.8A			
DHAKA METROPOLITAN AREA LONG SECTION OF RIVER			
BALU RIVER	SCALE	H 1:20000 V 1:1.00	
DWG NO BR L3	DATE	March 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			



• L/R FACING TO UP STREAM

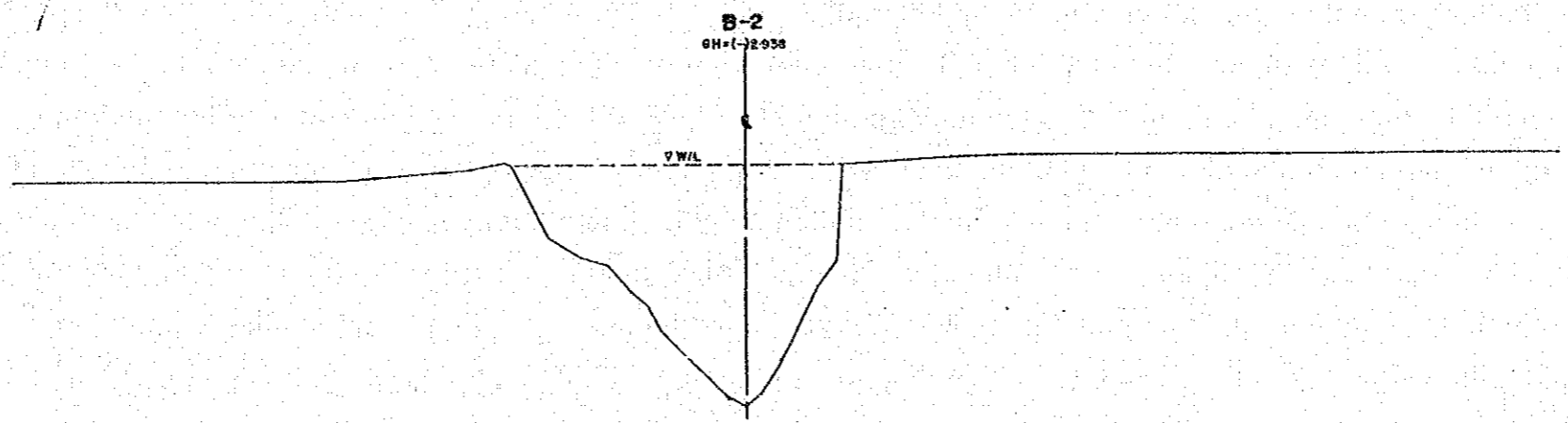
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) BANGLADESH FLOOD ACTION PLAN NO. 8A			
DHAKA METROPOLITAN AREA CROSS SECTION OF RIVER			
BALU & LAKHYA RIVER	SCALE	1:1000 V.I. 100	
DWG. NO. BR 01	DATE	March 1991	
JAPAN INTERNATIONAL CO-OPERATION AGENCY			

DL 0-00



DL 0-00

DL 0-00

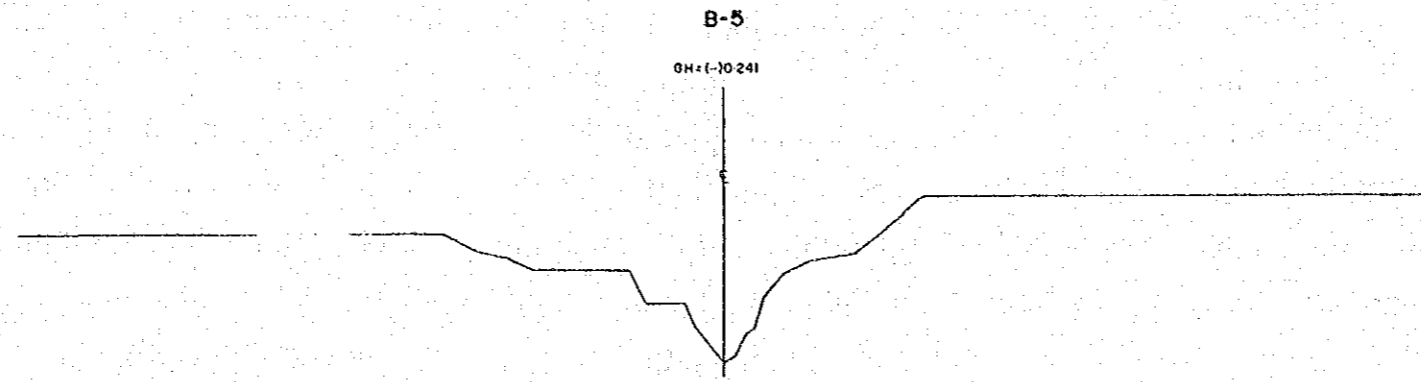


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* L/R FACING TO UP STREAM

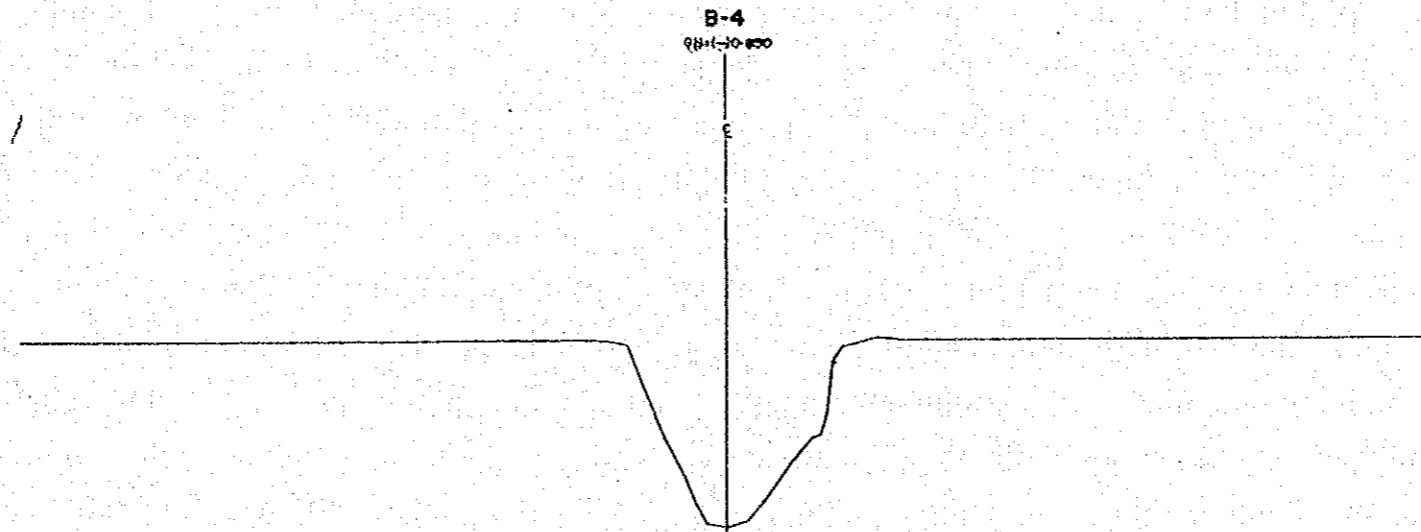
GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO. BA			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
BALU RIVER	SCALE	H=1:1000 V=1:100	
DSNG NO	BR C2	DATE	March 1991
JAPAN INTERNATIONAL COOPERATION AGENCY			

DL 0-000



DL 0-000

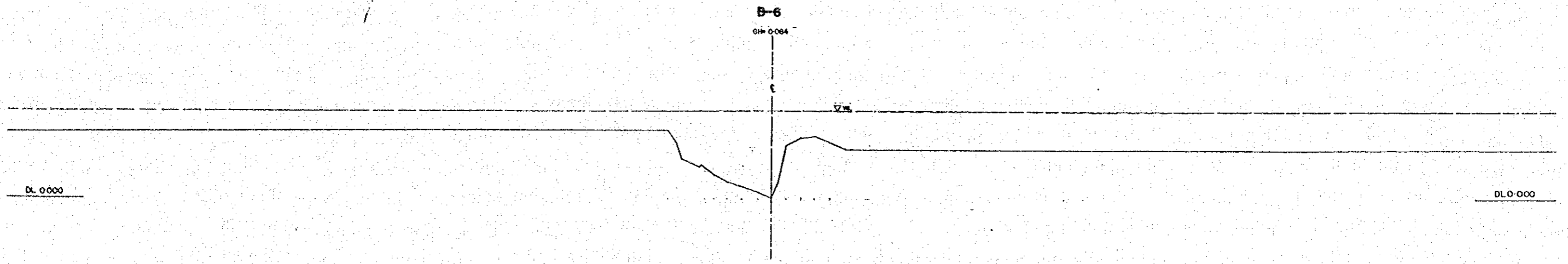
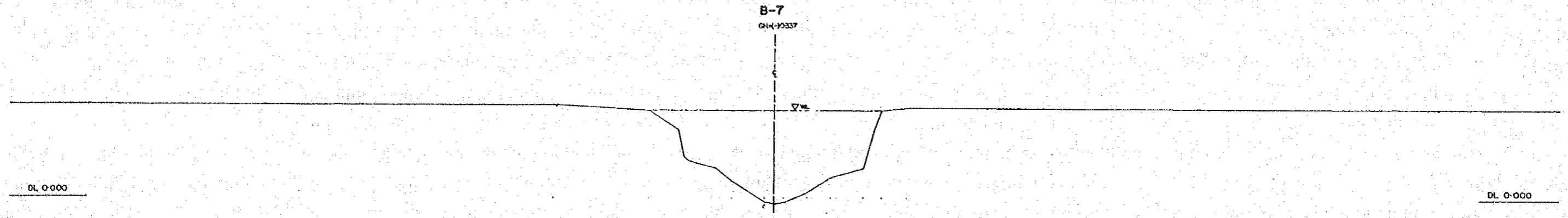
DL 0-000



DL 0-000

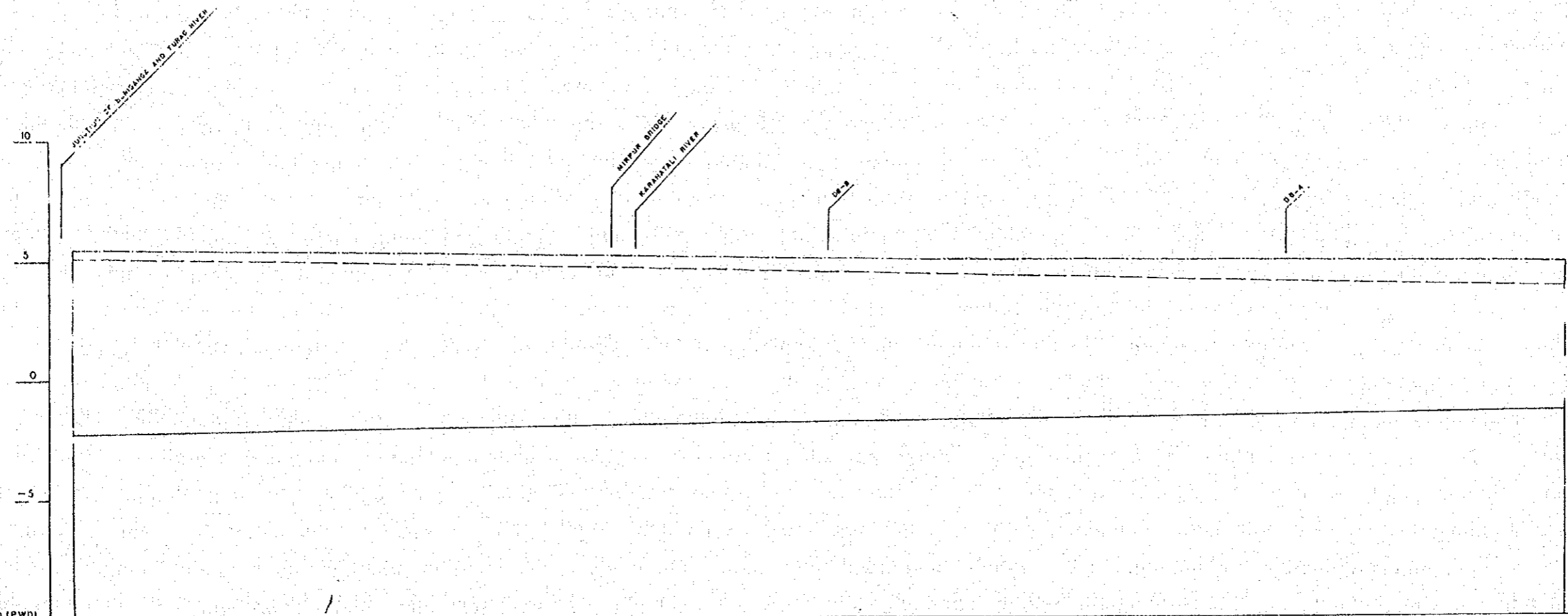
*L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT			
(STUDY IN DHAKA METROPOLITAN AREA)			
BANGLADESH FLOOD ACTION PLAN NO.6A			
DHAKA METROPOLITAN AREA			
CROSS SECTION OF RIVER			
BALU & TONGI RIVER	SCALE	H+1:1000 / V+1:100	
DWG.NO. BR C3	DATE	March 1991	
JAPAN INTERNATIONAL COOPERATION AGENCY			



* L/R FACING TO UP STREAM

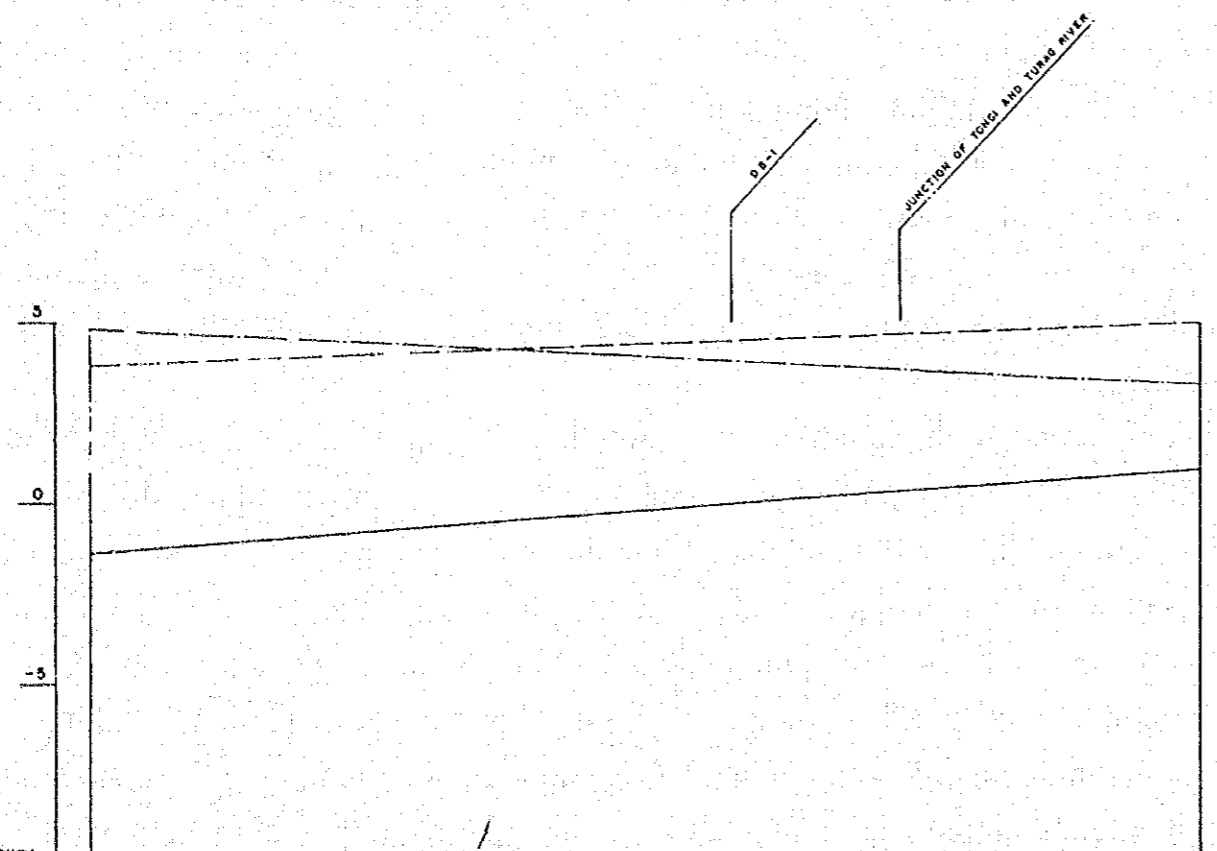
GREATER DHAKA PROTECTION PROJECT		
(STUDY IN DHAKA METROPOLITAN AREA)		
BANGLADESH FLOOD ACTION PLAN NOBA		
DHAKA METROPOLITAN AREA		
CROSS SECTION OF RIVER		
BAJU RIVER	SCALE	H=1:1000 V=1:100
DWG. NO. BR C4	DATE	March 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		



DL = -10.000 h (PWD)								
PROPOSED TOP ELEVATION OF BANK								
PROPOSED DESIGN WATER LEVEL								
PROPOSED INVERT ELEVATION								
EXISTING GROUND ELEVATION								
DISTANCE (M)	0							123.75
ACCUMULATED DISTANCE (M)	0							123.75
STATION NO.								10-4

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. 1:20000	V. 1:100
DWGNO. TR LI	DATE	March '99	
JAPAN INTERNATIONAL COOPERATION AGENCY			



DL=10,000m (P.W.D.)

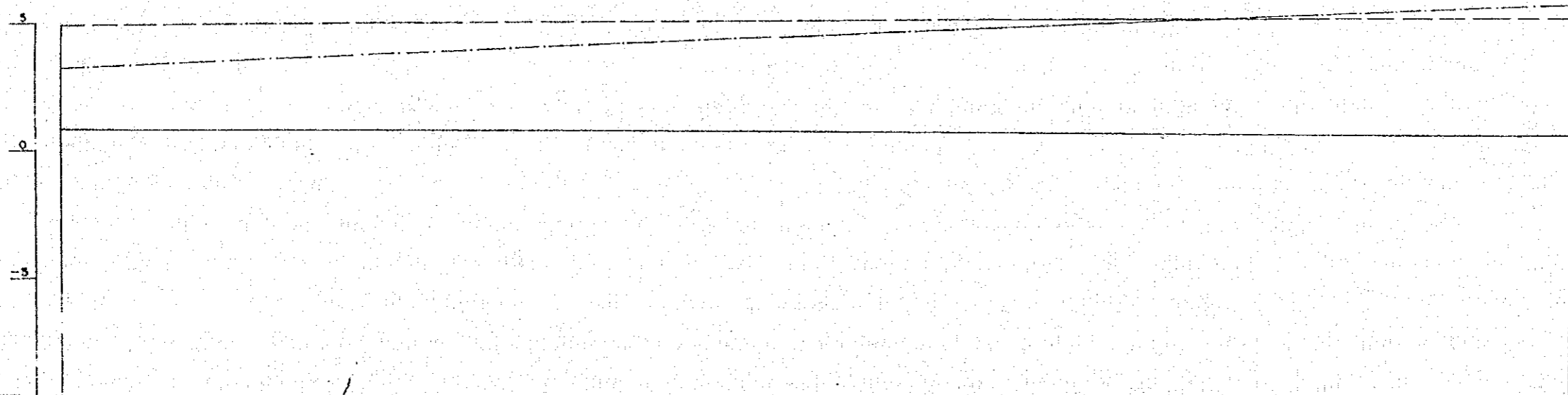
PROPOSED TOP ELEVATION OF BANK	
PROPOSED DESIGN WATER LEVEL	
PROPOSED INVERT ELEVATION	
EXISTING GROUND ELEVATION	4.38
DISTANCE (M)	0+000
ACCUMULATED DISTANCE (M)	0+000
STATION NO.	TU-6

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: 1:20000 V: 1:100
DWG NO TR L2	DATE	March 1991

JAPAN INTERNATIONAL COOPERATION AGENCY



DL = 10.00 m. (P.W.D)

PROPOSED TOP ELEVATION OF BANK	
PROPOSED DESIGN WATER LEVEL	
PROPOSED INVERT ELEVATION	
EXISTING GROUND ELEVATION	0+000
DISTANCE (M)	0+000
ACCUMULATED DISTANCE (M)	0+000
STATION NO.	10+000

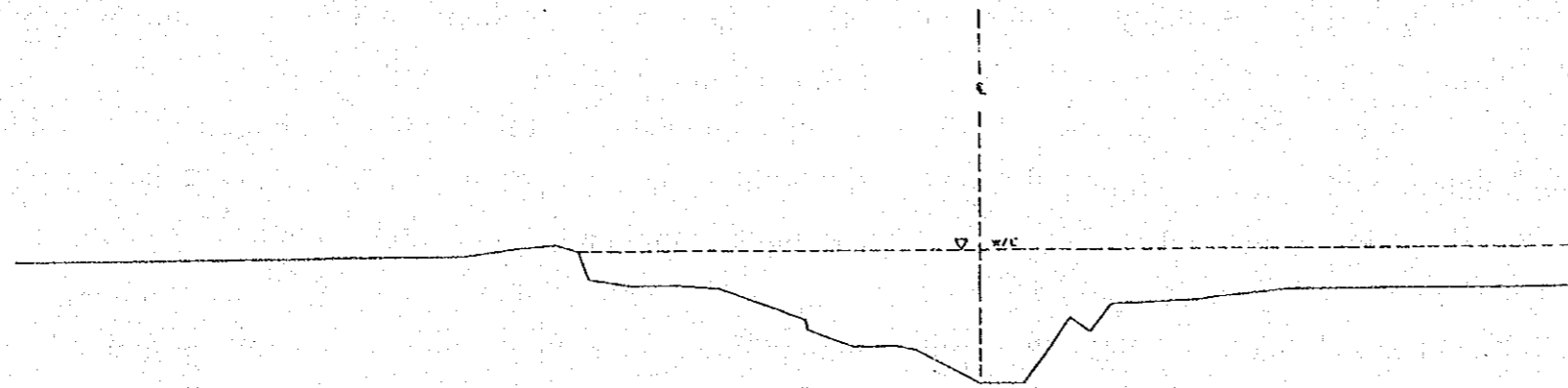
LEGEND
 EXISTING LEFT GROUND LINE - - - - -
 EXISTING RIGHT GROUND LINE - - - - -
 EXISTING BOTTOM LINE - - - - -
 * L/R FACING TO UP STREAM

GREATER DHAKA PROTECTION PROJECT
 (STUDY IN DHAKA METROPOLITAN AREA)
BANGLADESH FLOOD ACTION PLAN NOBA
 DHAKA METROPOLITAN AREA
LONG SECTION OF RIVER

TURAG RIVER	SCALE	H:1 20000 V:1 100
DWG NO TR L3	DATE	March 1991

JAPAN INTERNATIONAL COOPERATION AGENCY

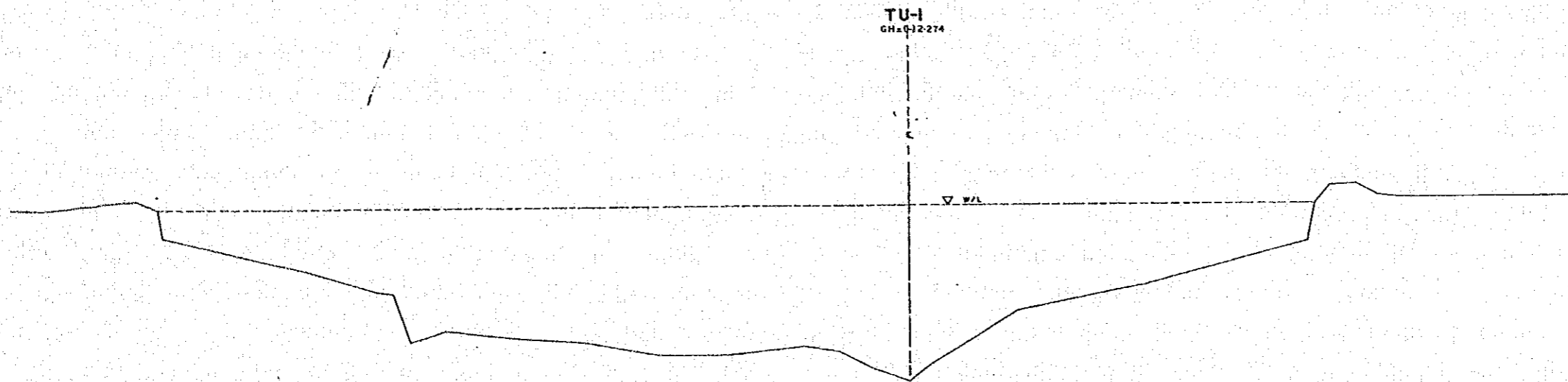
TU-6
GH=0-808



DL0000

DL0000

TU-1
GH=0-12-274



DL0000

DL0000

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 & TONGI RIVER	SCALE	H=1:1000 V=1:100
DWG. NO.	TR C I	DATE March 1991
JAPAN INTERNATIONAL COOPERATION AGENCY		