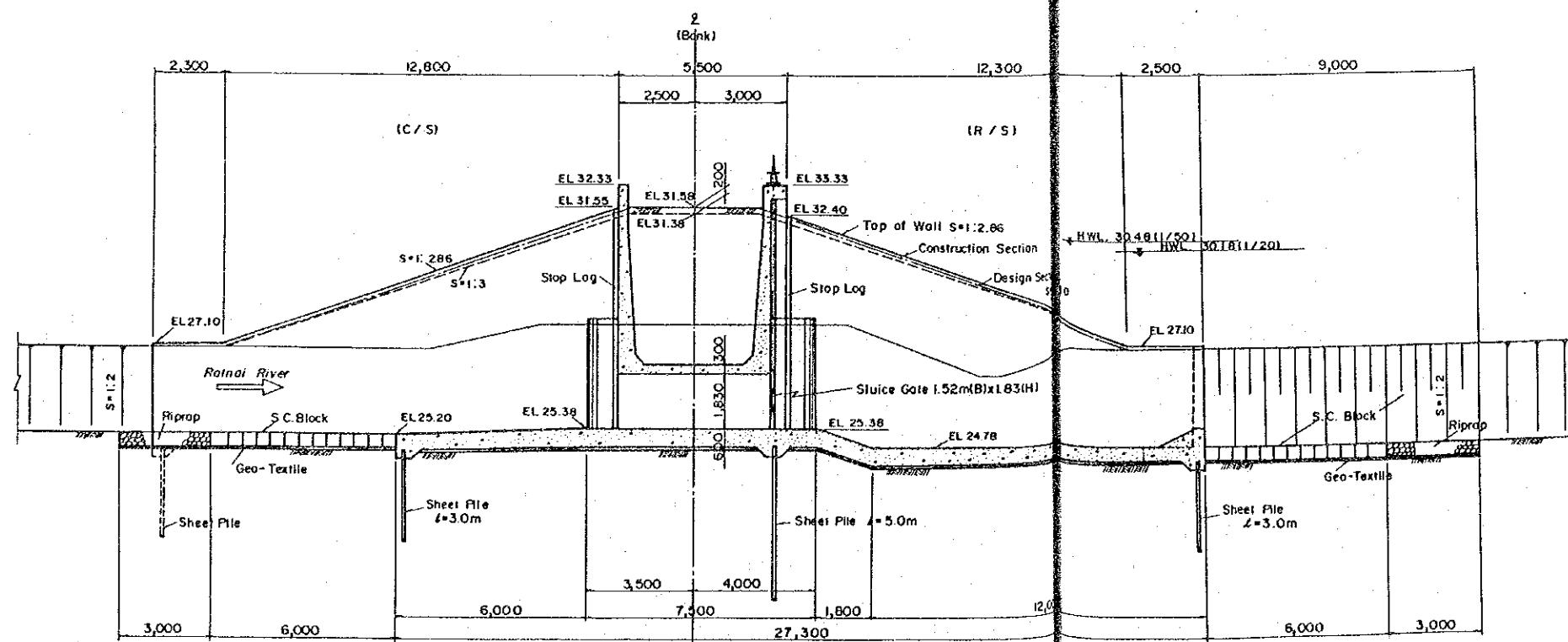
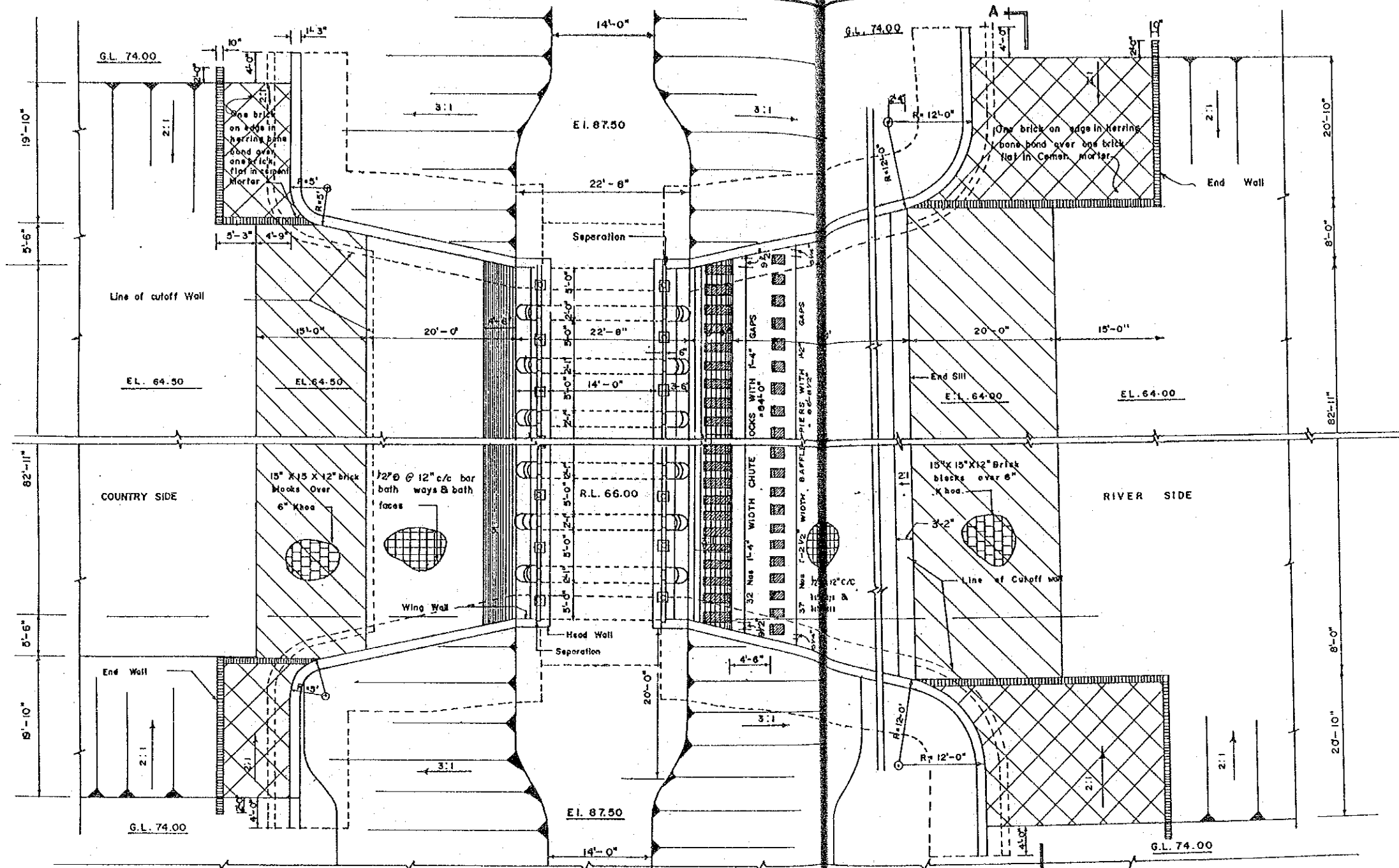


PLAN





PROFILE

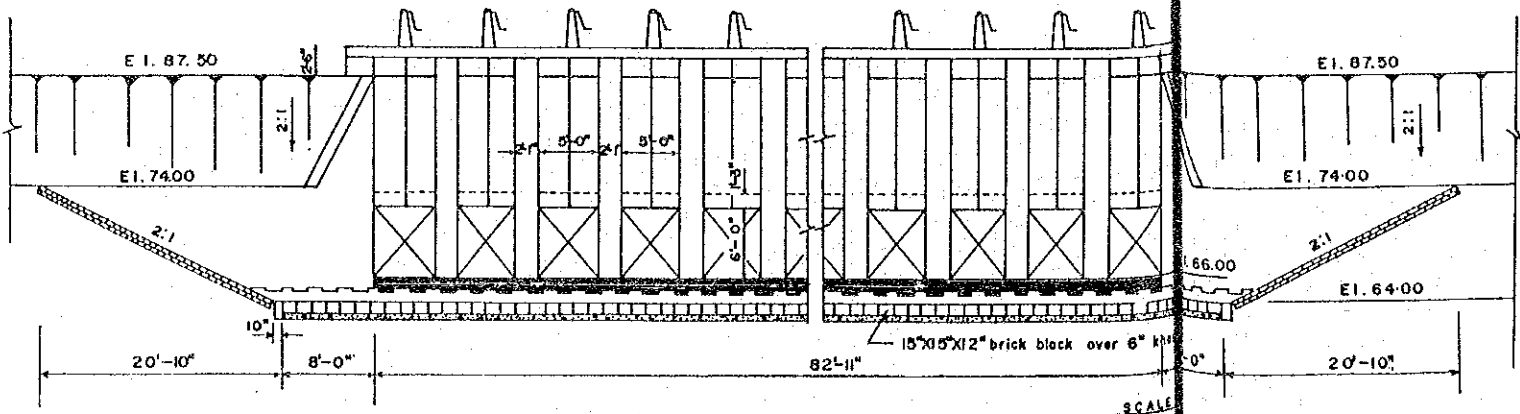
THE PEOPLE'S REPUBLIC OF BANGLADESH
 BANGLADESH WATER DEVELOPMENT BOARD
 THE KURIGRAM
 IRRIGATION AND FLOOD CONTROL PROJECT
 SOUTH UNIT
 RATNAI DRAINAGE REGULATOR
 PLAN AND SECTION
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DATE OCT. 1992 DRG NO



PLAN

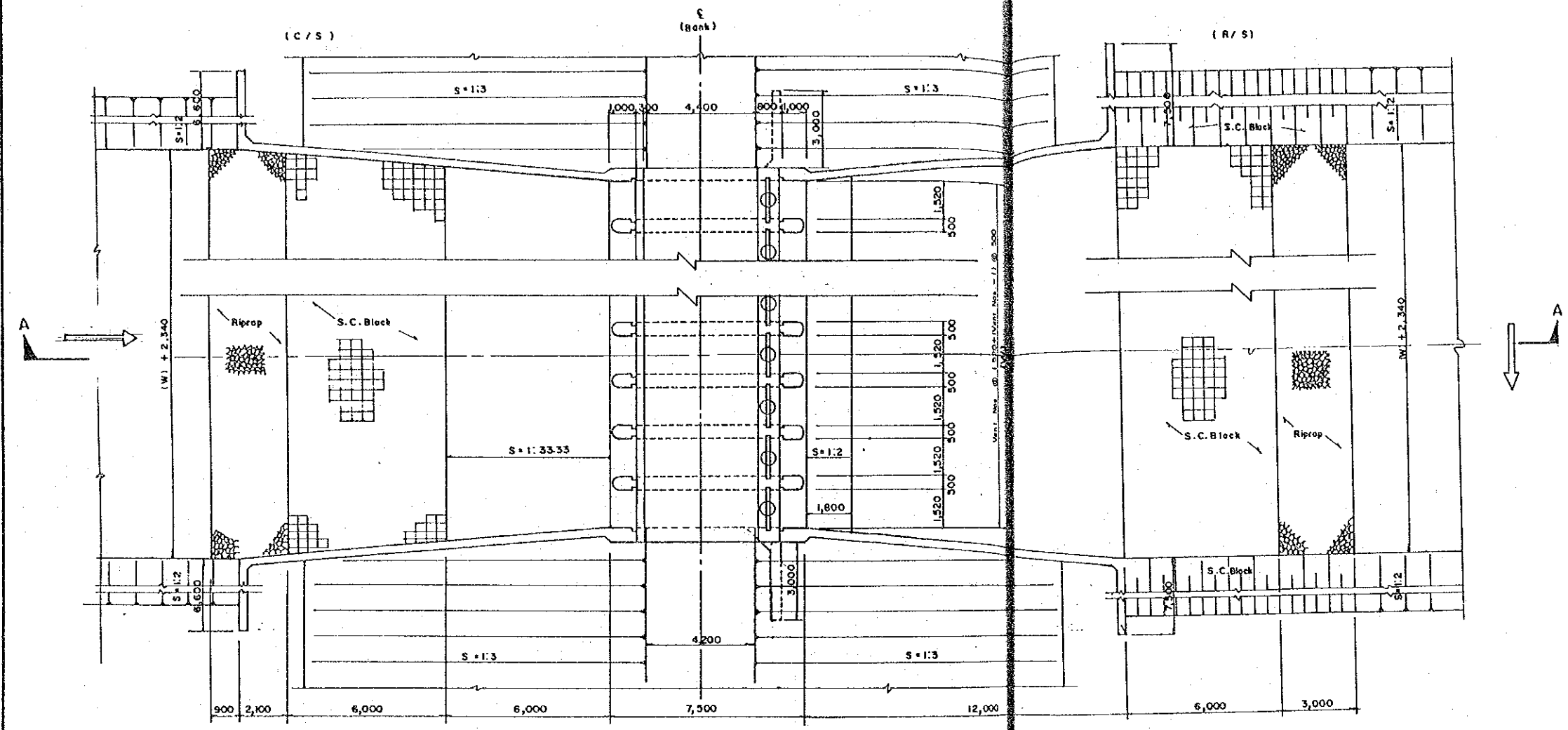
LEGEND

-  REHABILITATION OF RIPRAP
-  REHABILITATION OF SLOPE PROTECTION

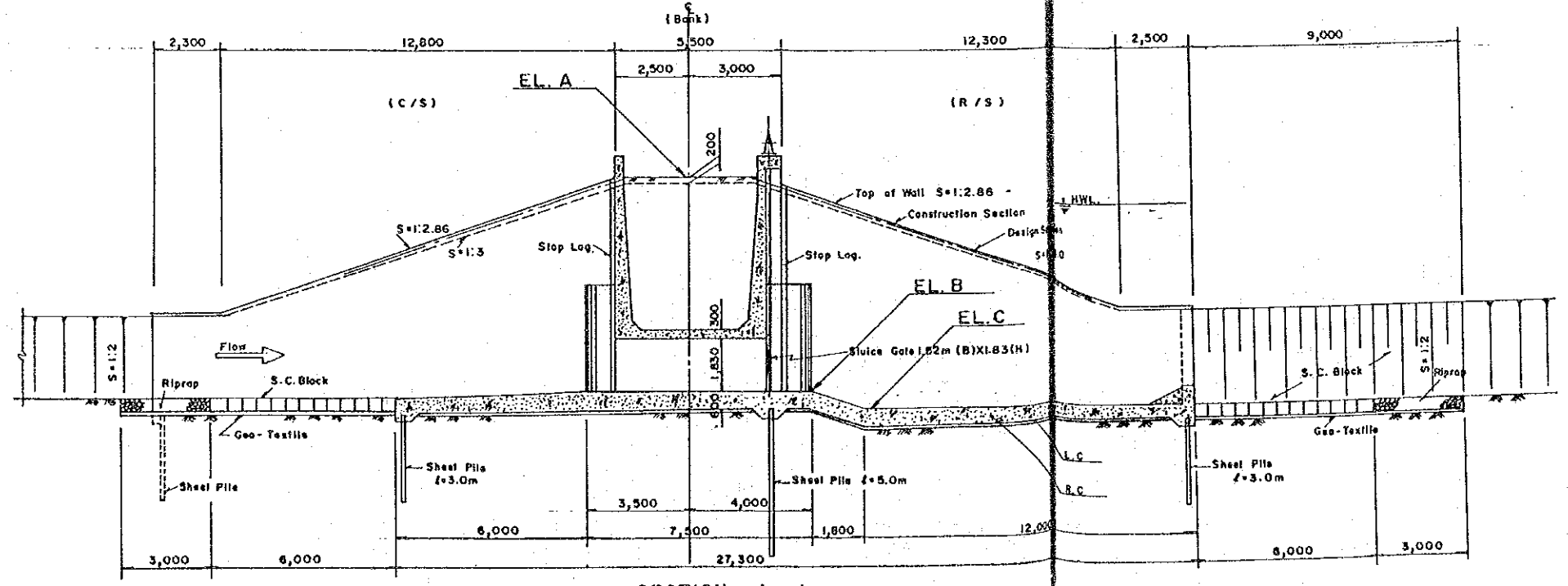


SECTION A-A

THE PEOPLE'S REPUBLIC OF BANGLADESH		
BANGLADESH WATER DEVELOPMENT BOARD		
THE KURIGRAM		
IRRIGATION AND FLOOD CONTROL PROJECT		
SOUTH UNIT		
HARICHARI REGULATOR		
PLAN OF REHABILITATION		
JAPAN INTERNATIONAL COOPERATION AGENCY		
DATE	OCT. 1992	DRG. NO.



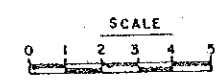
PLAN



SECTION A - A

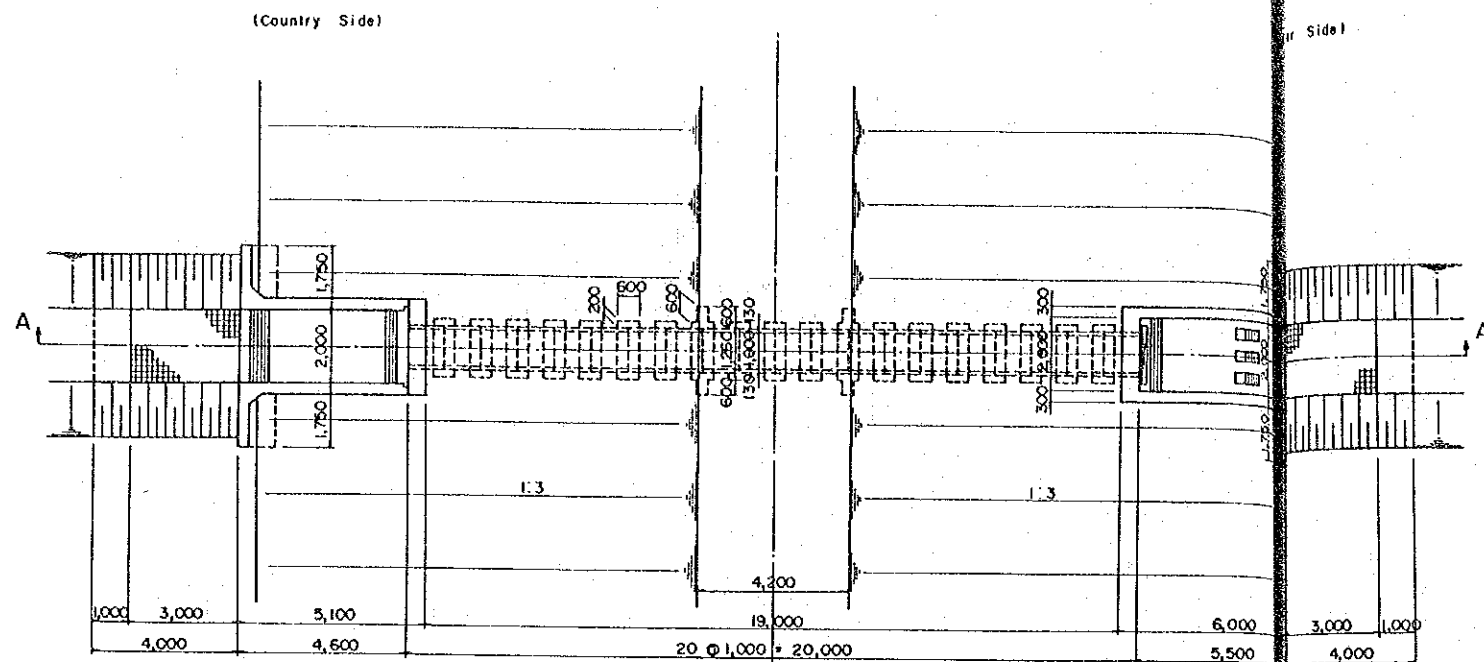
Dimensions (Unit: m)

Regulator Name	Vent Nos	A	B	C
Kishorpur Add.	12	28.04	22.77	22.86
Harichar Add.	6	26.67	20.12	19.51
Palashbari Add.	2	29.50	22.85	22.24
Ghariat Dhoga Add.	2	30.79	24.48	23.77



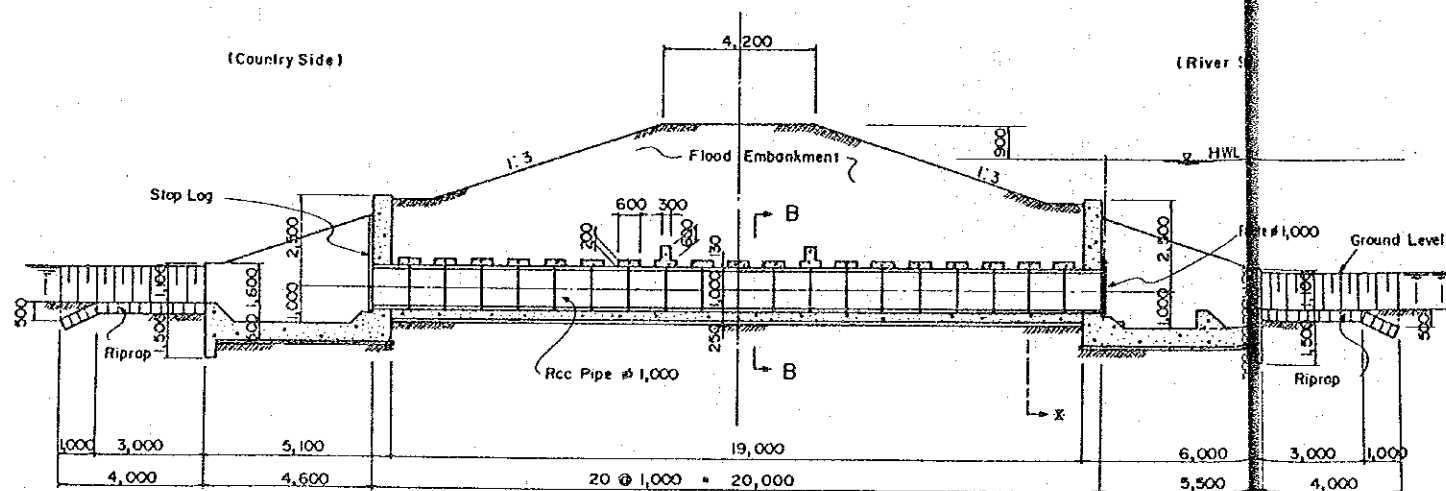
THE PEOPLE'S REPUBLIC OF BANGLADESH
 BANGLADESH WATER DEVELOPMENT BOARD
 THE KURIGRAM
 IRRIGATION AND FLOOD CONTROL PROJECT
 SOUTH UNIT
 ADDITIONAL DRAINAGE REGULATOR
 (4SITES) PLAN AND SECTION
 JAPAN INTERNATIONAL COOPERATION AGENCY

DATE OCT. 1992 DRG. NO.



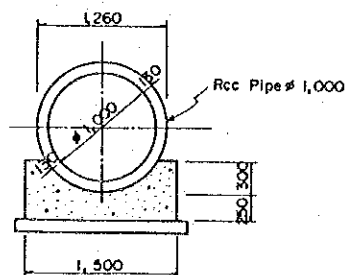
PLAN

SCALE 0 5 (m)



SECTION A-A

SCALE 0 5 (m)

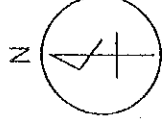


SECTION B-B

SCALE 0 1,000 2,000 (mm)

Note) In the case of rehabilitation for Existing Pipe Sluice, river side (X) mark only will be rehabilitated

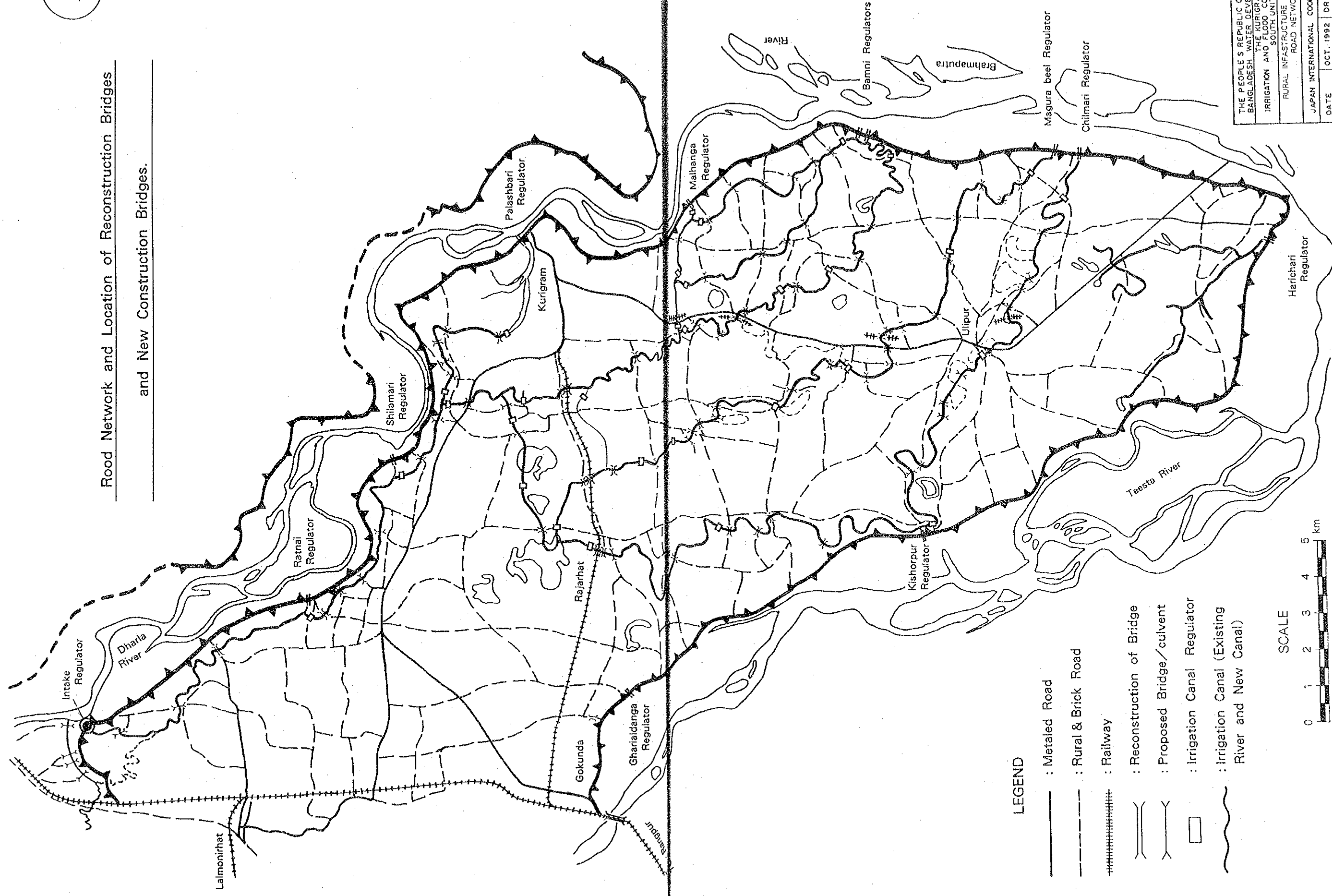
THE PEOPLE'S REPUBLIC OF BANGLADESH		
BANGLADESH WATER DEVELOPMENT BOARD		
THE KURIGRAM		
IRRIGATION AND FLOOD CONTROL PROJECT		
SOUTH UNIT		
PIPE SLUICE		
PLAN AND SECTIONS		
JAPAN INTERNATIONAL COOPERATION AGENCY		
DATE	OCT. 1992	DRG NO.



**Road Network and Location of Reconstruction Bridges
and New Construction Bridges.**

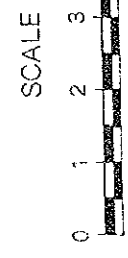
DRG. NO. 39

THE PEOPLE'S REPUBLIC OF BANGLADESH
 BANGLADESH WATER DEVELOPMENT BOARD
 THE KURIGRAM
 IRRIGATION AND FLOOD CONTROL PROJECT
 SOUTH UNIT
 RURAL INFRASTRUCTURE IMPROVEMENT
 ROAD NETWORK
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DATE: OCT. 1992 DRG. NO.

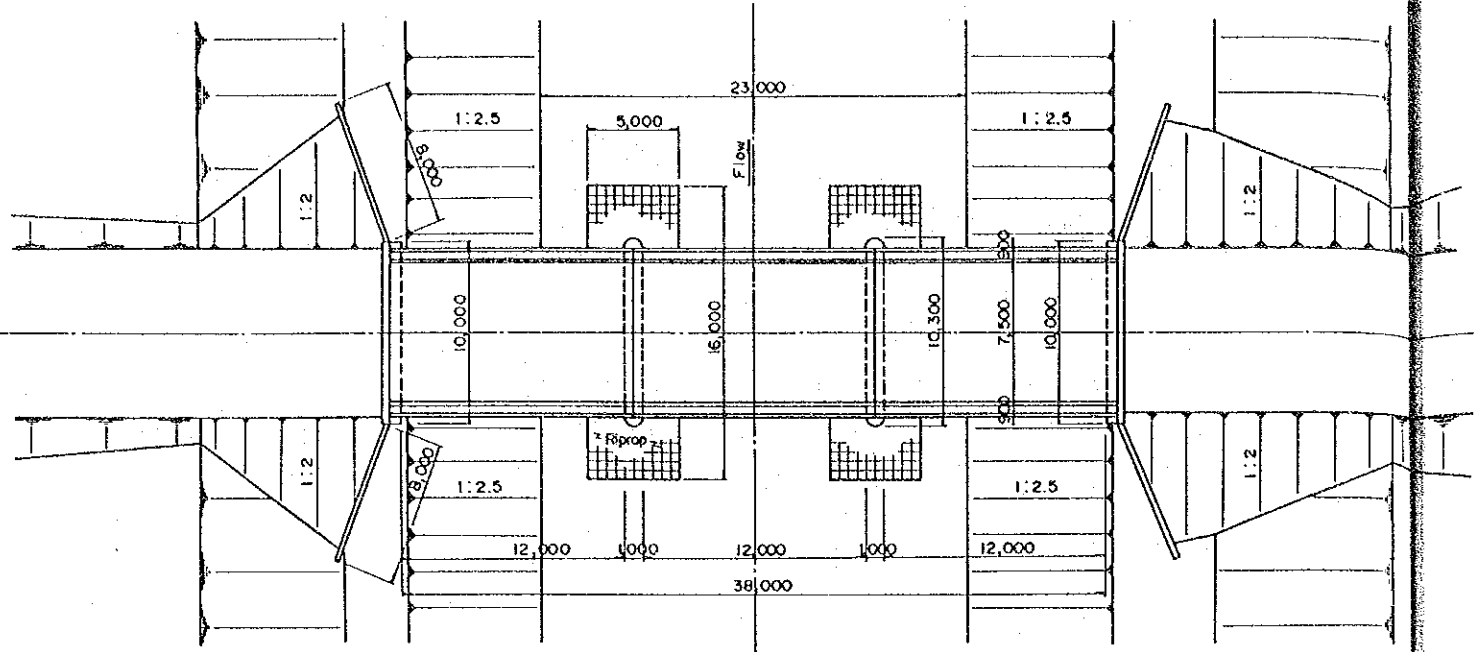


LEGEND

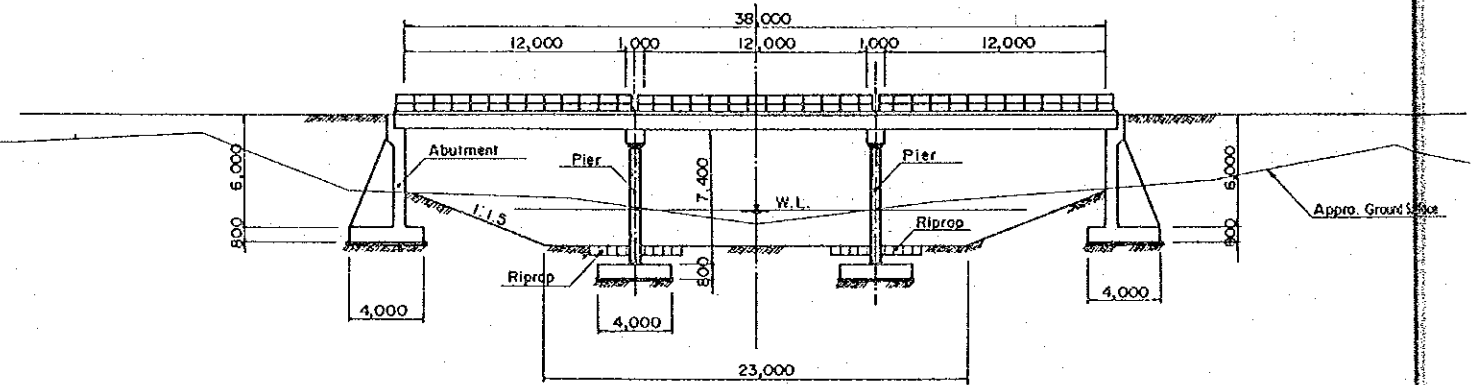
- : Metaled Road
- - - : Rural & Brick Road
- +++++ : Railway
- ||| : Reconstruction of Bridge
- Y : Proposed Bridge/culvert
- : Irrigation Canal Regulator
- ~ : Irrigation Canal (Existing River and New Canal)



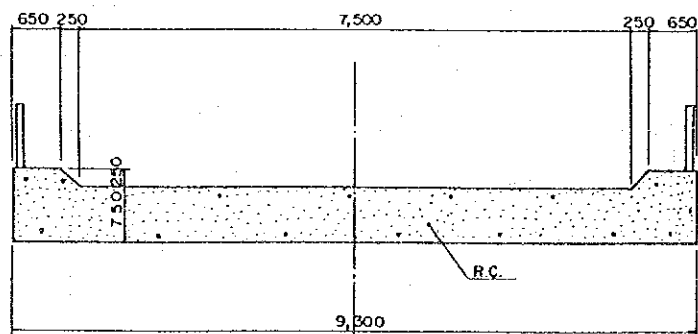
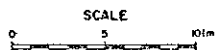
METAL ROAD BRIDGE TYPE-A



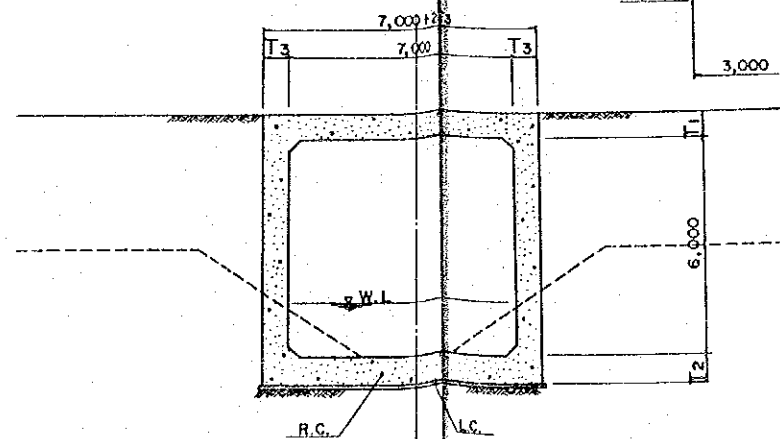
PLAN



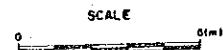
SECTION A-A



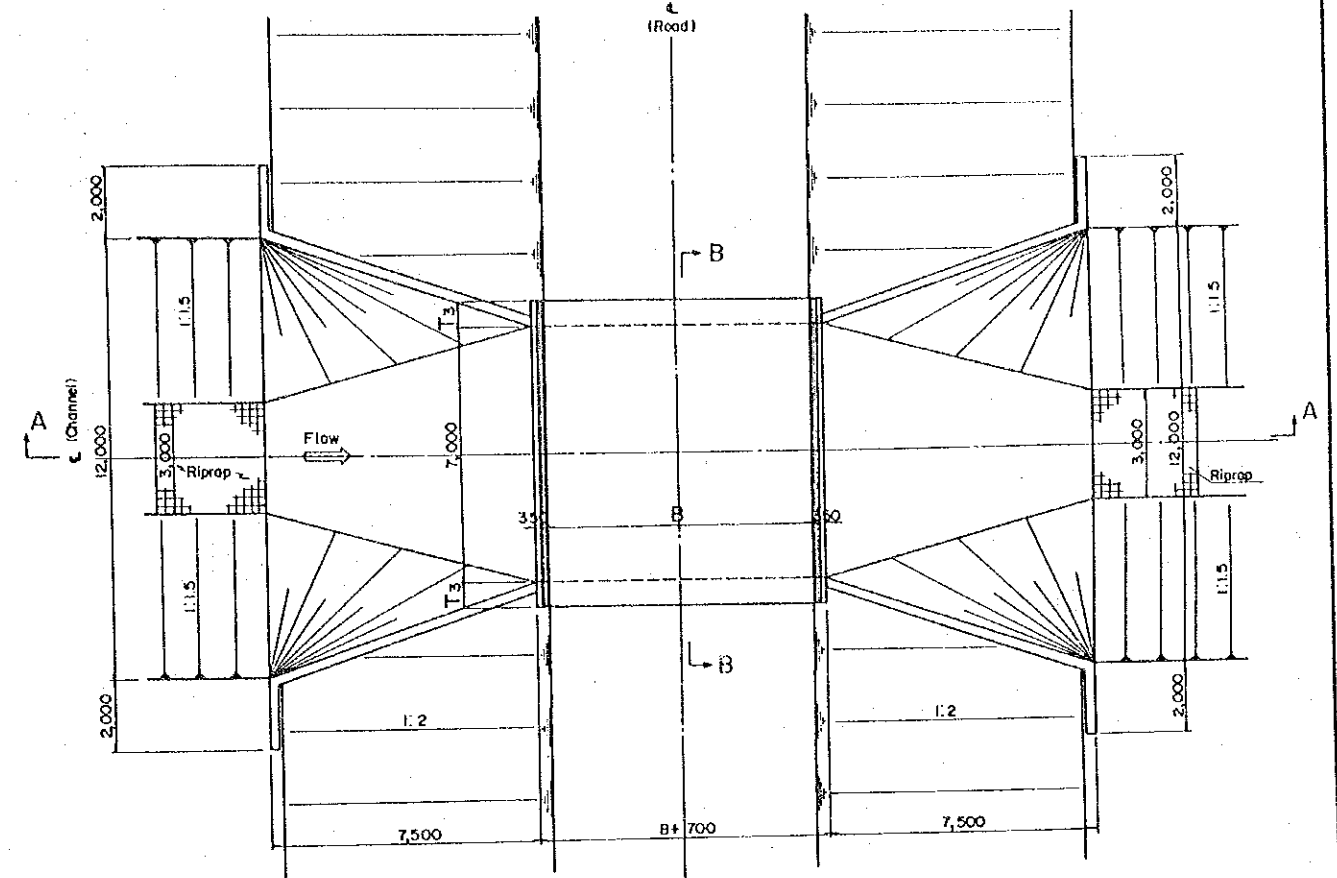
SECTION B-B



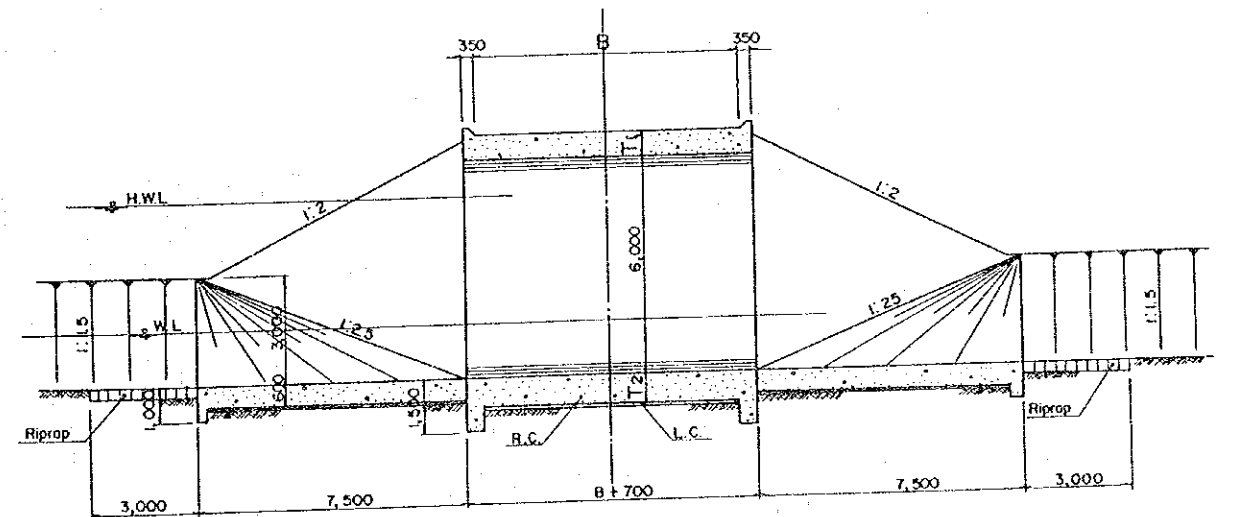
SECTION B-B



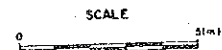
CULVERT



PLAN



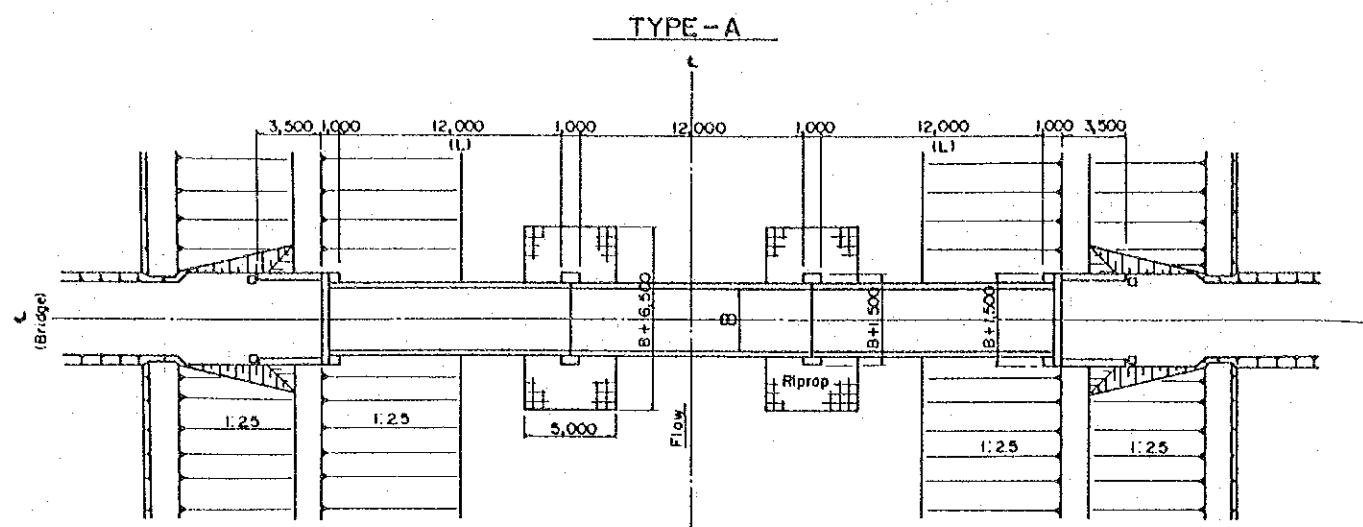
SECTION A-A



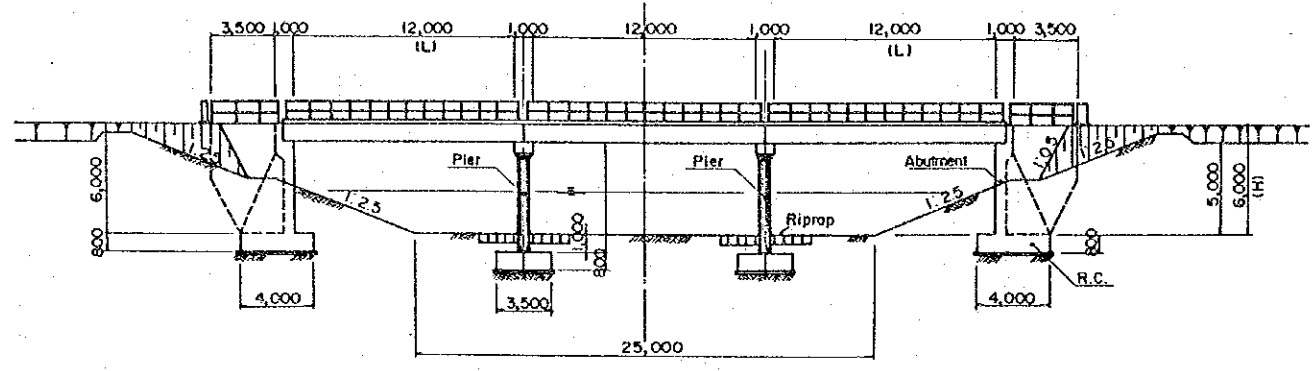
Dimensions of Culvert

Type	Road	T1	T2	T3	B	N ^o S of Culvert
A	Metal	800	900	800	7,500	1
B	Railway	800	900	800	5,000	1
D	Rural	600	700	600	5,000	1

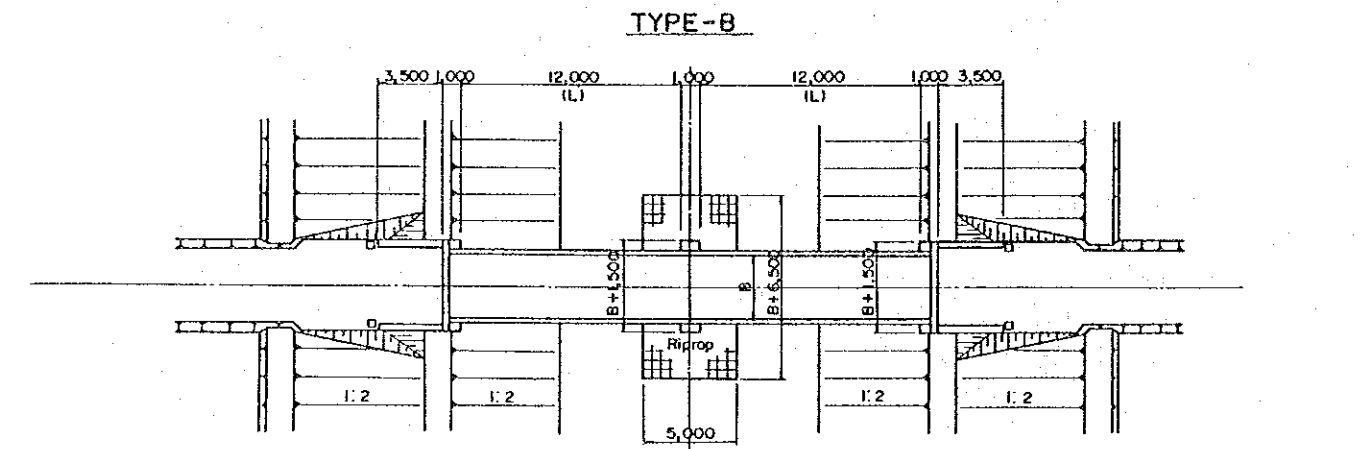
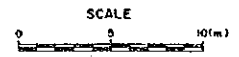
THE PEOPLE'S REPUBLIC OF BANGLADESH
 BANGLADESH WATER DEVELOPMENT BOARD
 THE KURIGRAM
 IRRIGATION AND FLOOD CONTROL PROJECT
 SOUTH UNIT
 METAL ROAD BRIDGE TYPE-A AND CULVERT
 PLAN AND SECTIONS.
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DATE OCT. 1992 DRG NO



PLAN

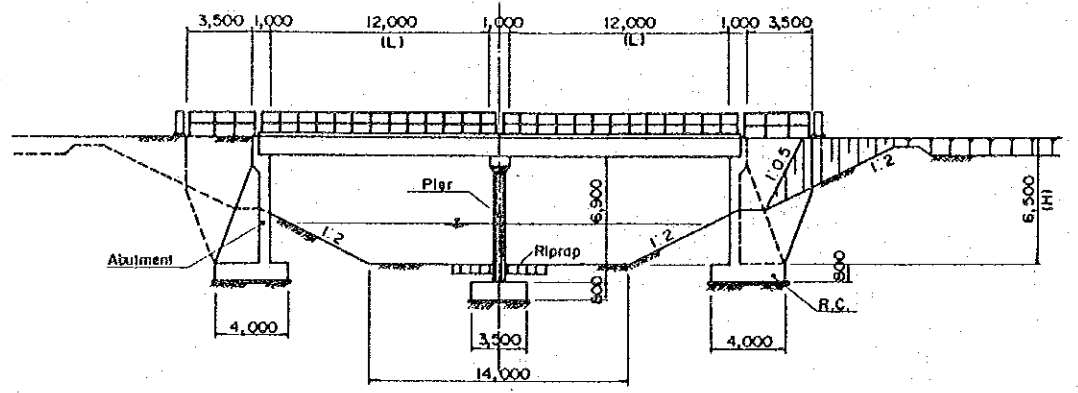


SECTION A-A

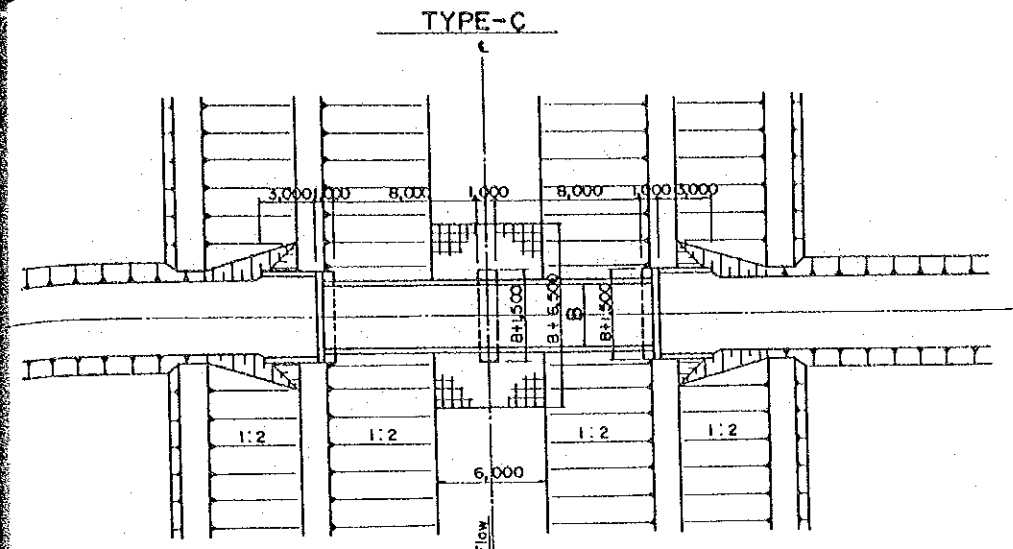


TYPE-B

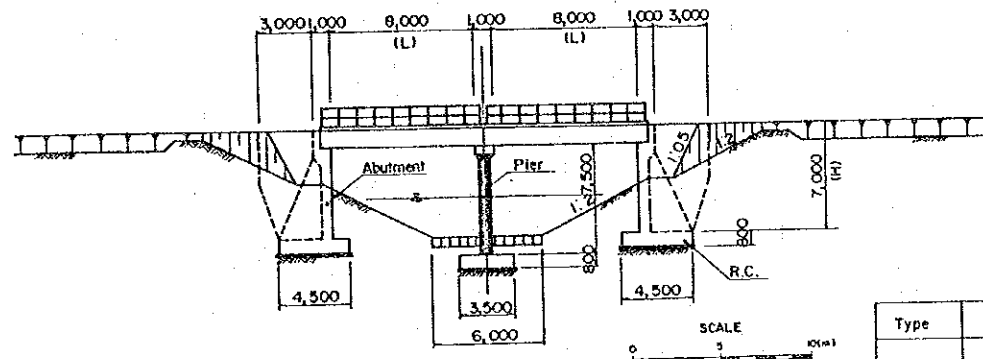
PLAN



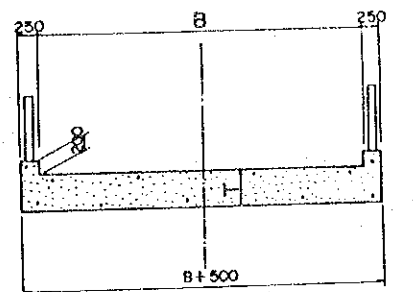
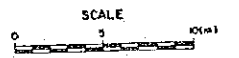
SECTION A-A



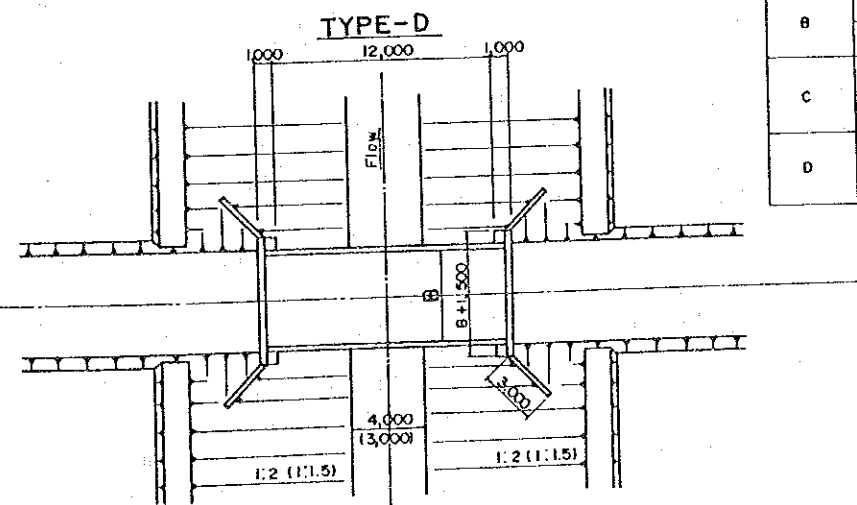
PLAN



SECTION A-A

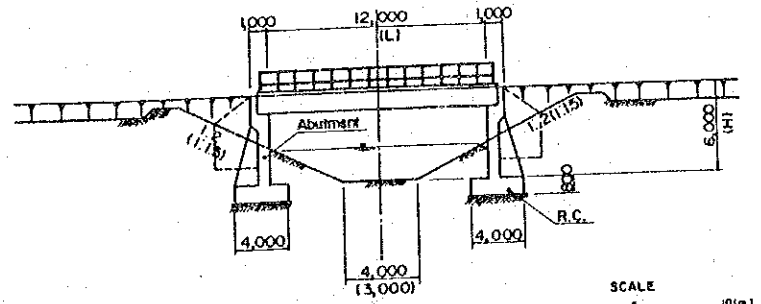


SECTION B-B



TYPE-D

PLAN



SECTION A-A

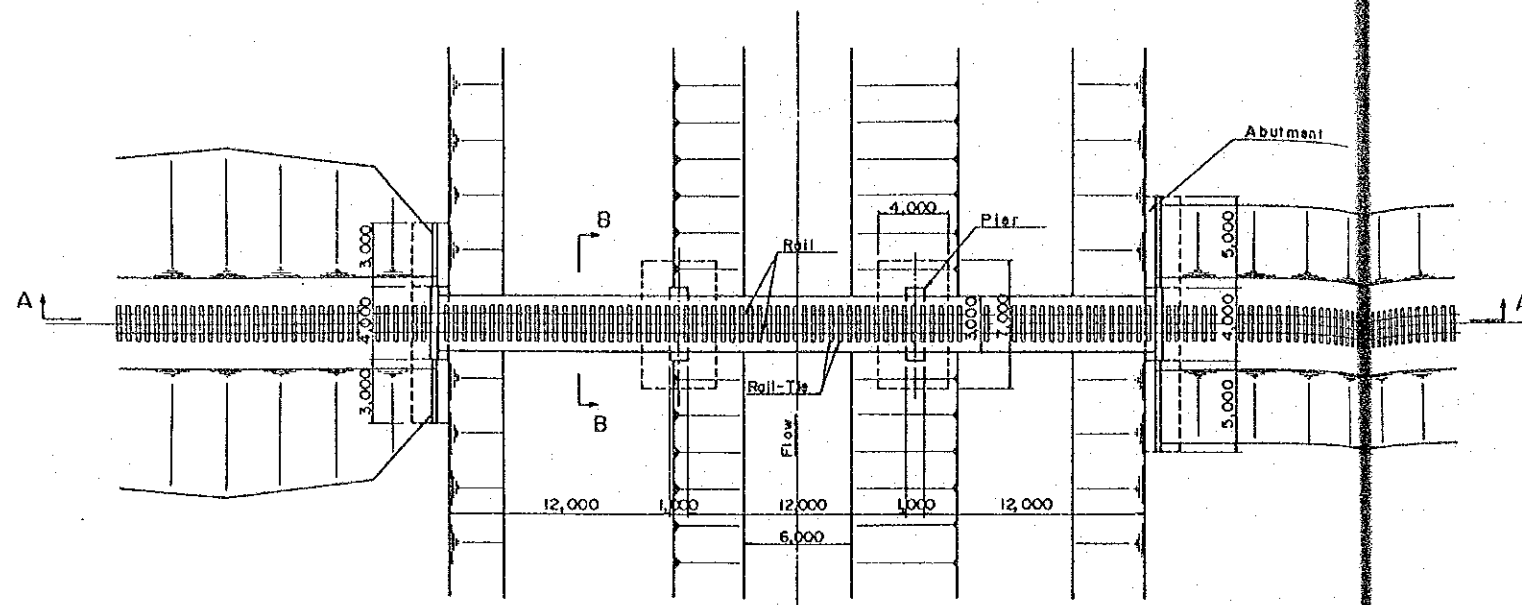


Dimensions

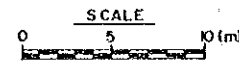
Type	B	T	L	H	NOS of Bridge
A	3.0	0.6	12.0	6.0	3
	4.5	---	---	---	9
B	3.0	---	---	6.5	3
	4.5	---	---	---	3
C	3.0	0.5	8.0	7.0	5
	4.5	---	---	---	11
D	3.0	0.6	12.0	6.0	16
	4.5	0.6	---	---	23

THE PEOPLE'S REPUBLIC OF BANGLADESH
 BANGLADESH WATER DEVELOPMENT BOARD
 THE KURIGRAM
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 SOUTH UNIT
 RURAL/BRICK ROAD BRIDGE TYPE-A,B,C,D
 PLAN AND SECTIONS
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DATE OCT 1992 DRG NO

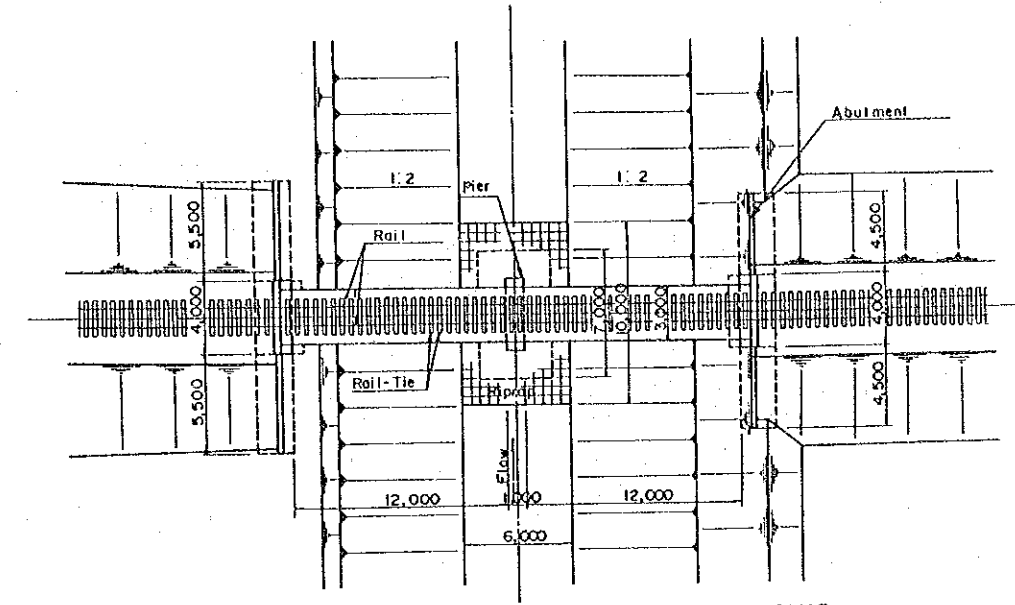
TYPE - A



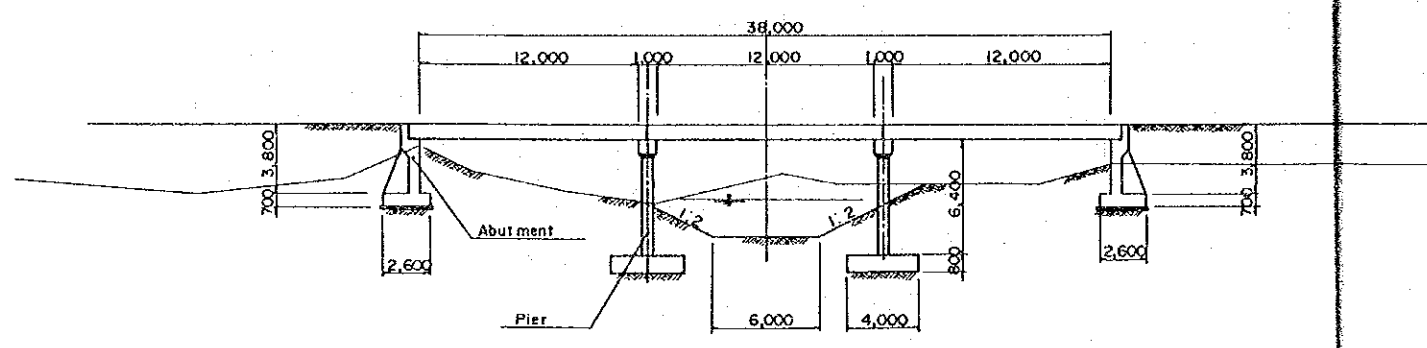
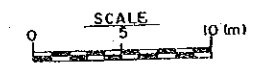
PLAN



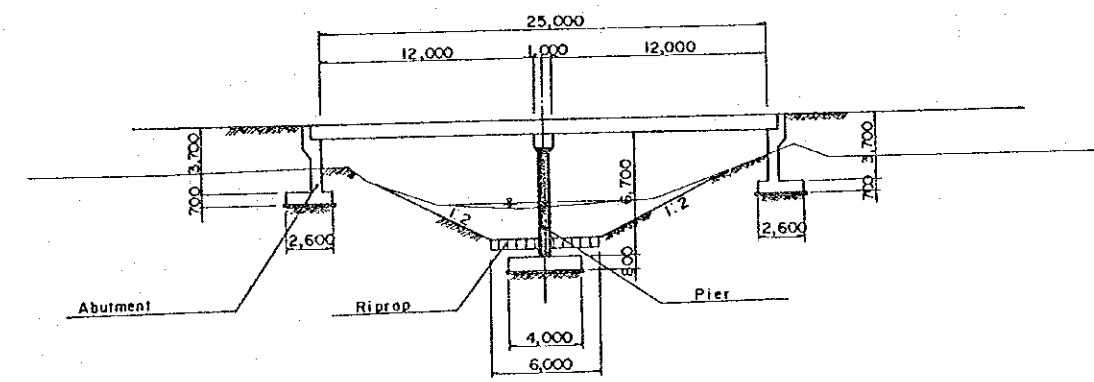
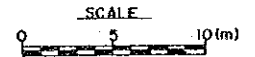
TYPE - B



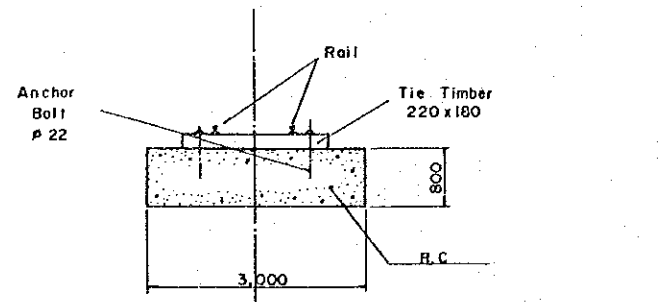
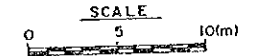
PLAN



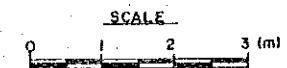
SECTION A-A



SECTION A-A



SECTION B-B



THE PEOPLE'S REPUBLIC OF BANGLADESH
 BANGLADESH WATER DEVELOPMENT BOARD
 THE KURIGRAM
 IRRIGATION AND FLOOD CONTROL PROJECT
 SOUTH UNIT
 RAILWAY BRIDGE, TYPE - A AND B
 PLAN AND SECTIONS
 JAPAN INTERNATIONAL COOPERATION AGENCY
 DATE OCT. 1992 DRG NO

JICA