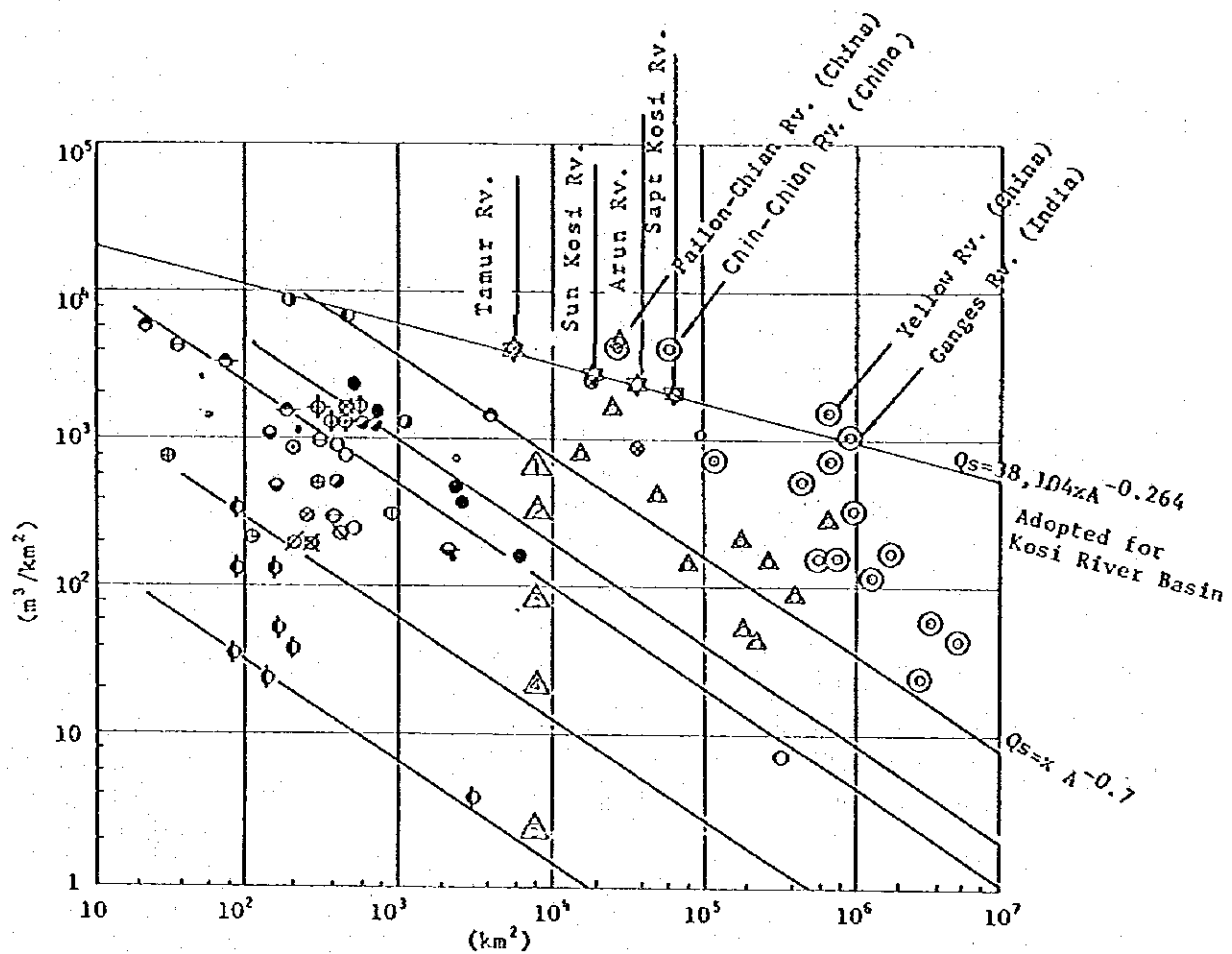


FIG. 6-1-2 SPECIFIC SEDIMENT LOAD FOR THE KOSI BASIN



- Kosi River (C.K. Sharma)
 - △ Chinese Rivers (High sedimentation)
 - ⊙ World Rivers (Higher sedimentation)
 - ☆ Result of Team Study in the Kosi Basin
- Sources:
 Ashita & Okumula ... Some studies
 of sedimentation in reservoirs
 annual report of protection
 against Calamities research
 center of Kyoto University
 (17-B) 1974
- △ Highest sediment load river system in Japan
 - △ Higher " "
 - △ High " "
 - △ Low " "
 - △ Lower " "

FIG. 6-1-3

RELATION BETWEEN SPECIFIC YIELD AND CATCHMENT AREA

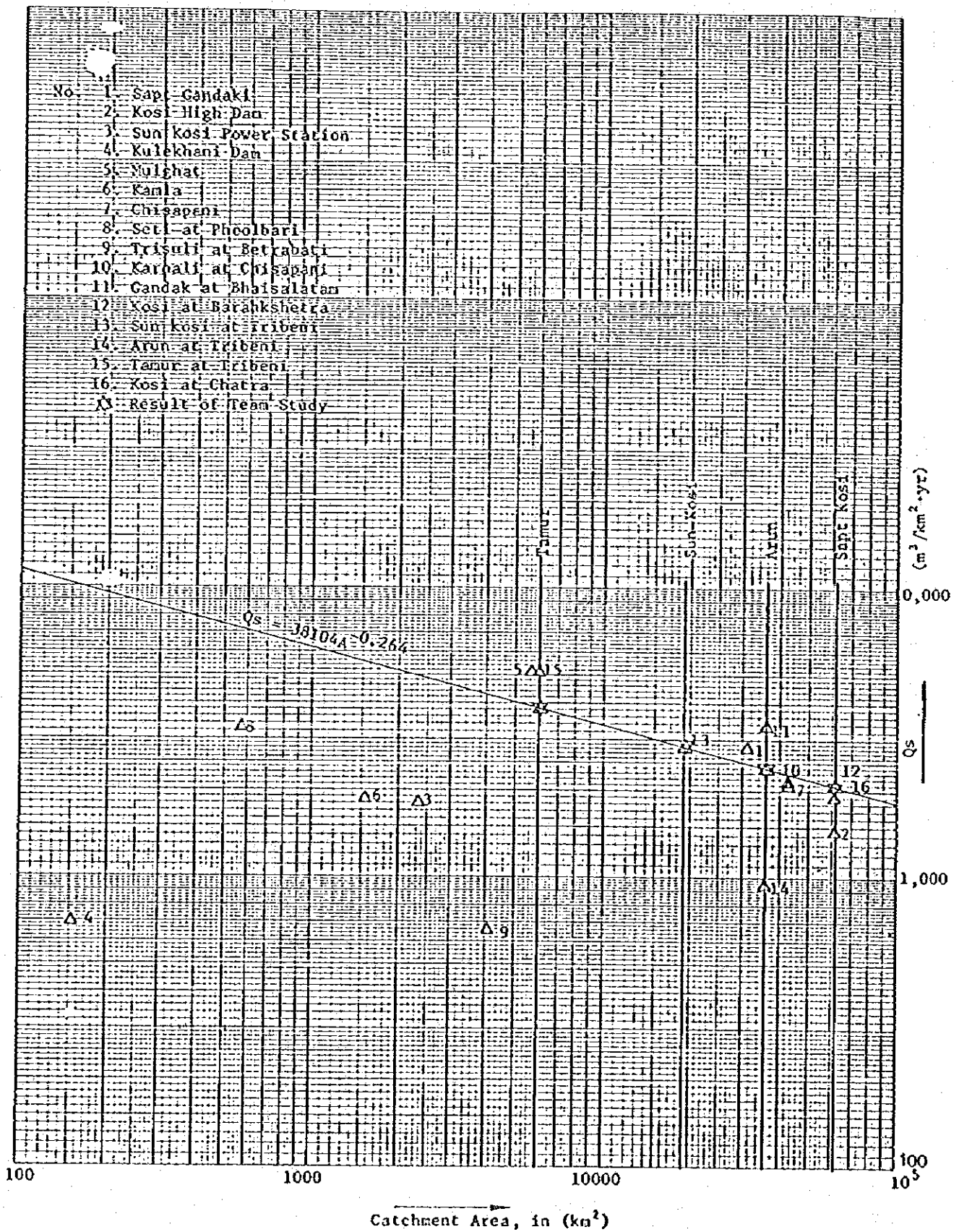


FIG. 6-1-4

COMPARATIVE DIAGRAM OF DESIGN VALUES OF SPECIFIC SEDIMENT YIELD FOR DAMS IN NEPAL AND STUDY RESULTS BY THE TEAM (existing, under planning and surveyed)

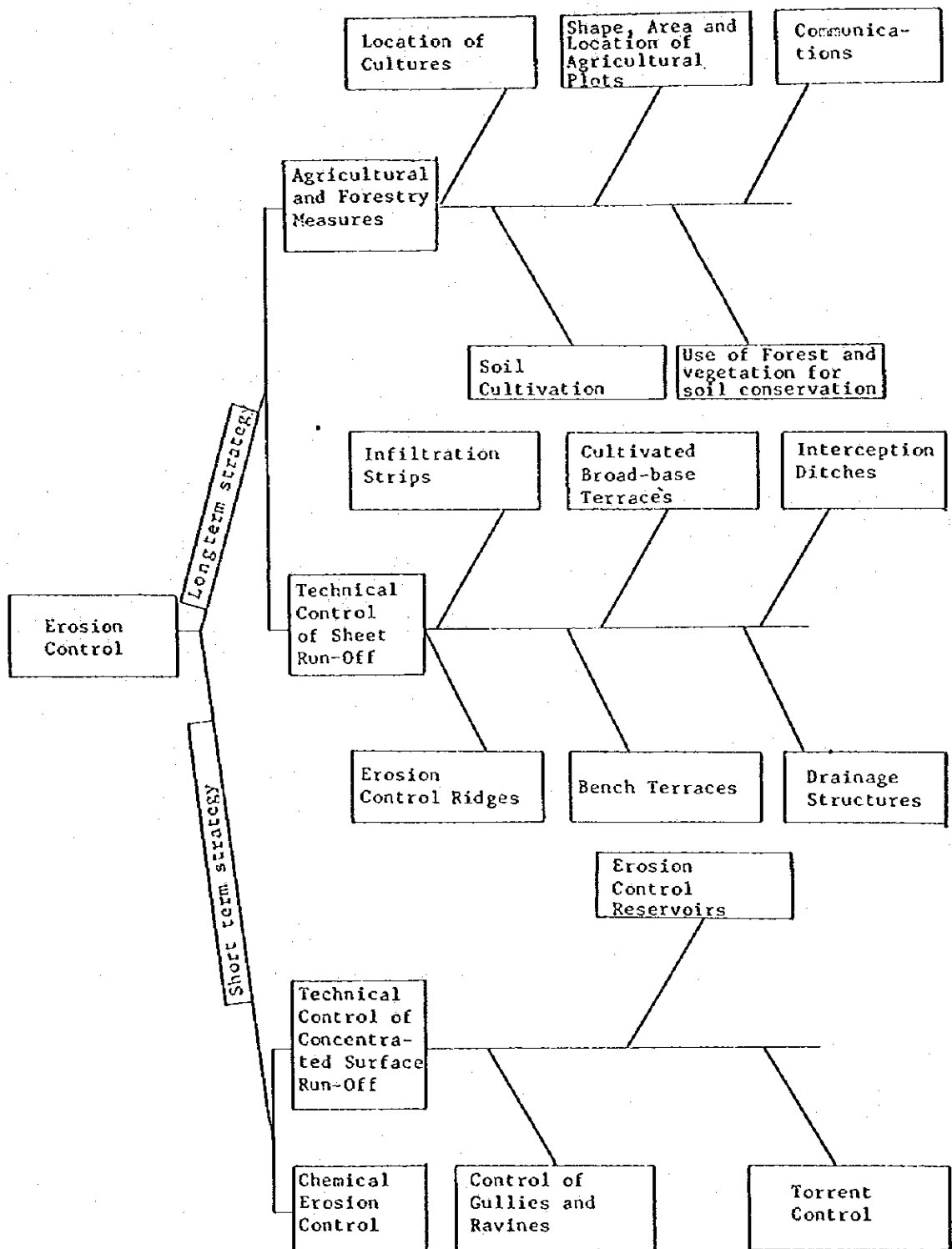


FIG. 6-1-5

FLOW CHART FOR MITIGATION OF EROSION

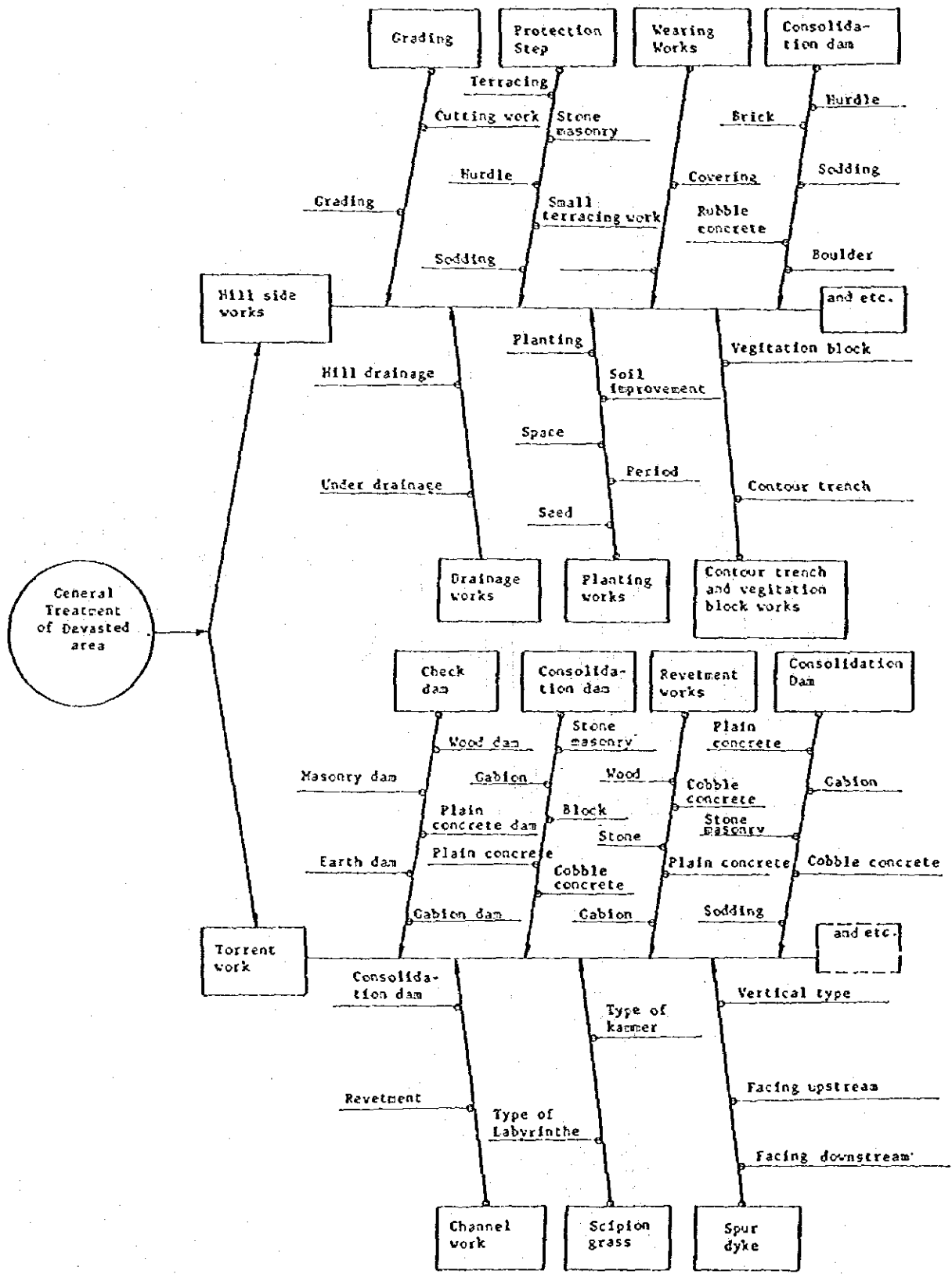


FIG. 6-1-6

FLOW CHART FOR TREATMENT OF DEVASTATED AREA

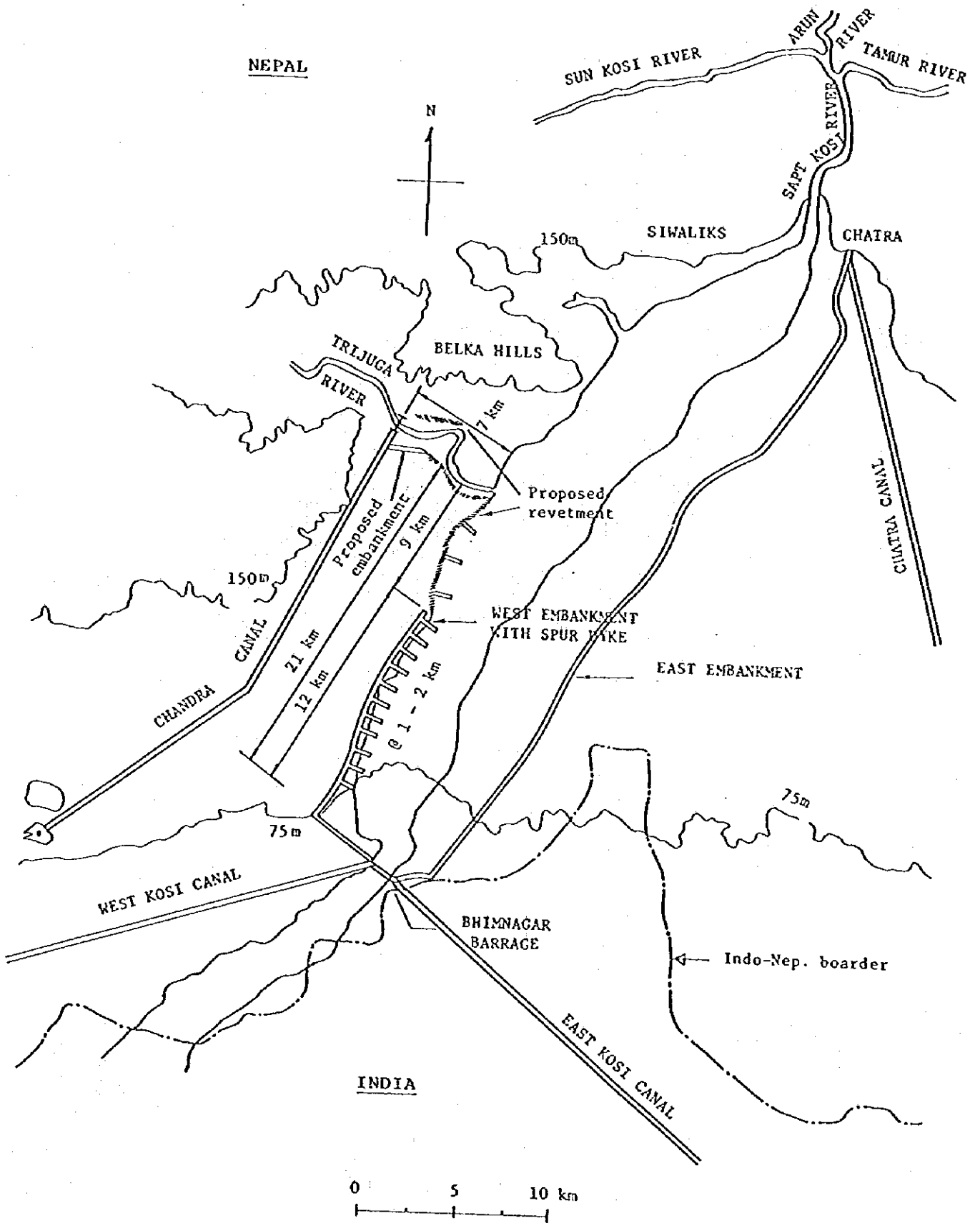


FIG. 6-2-1

RIVER TRAINING AROUND CHANDRA BARRAGE

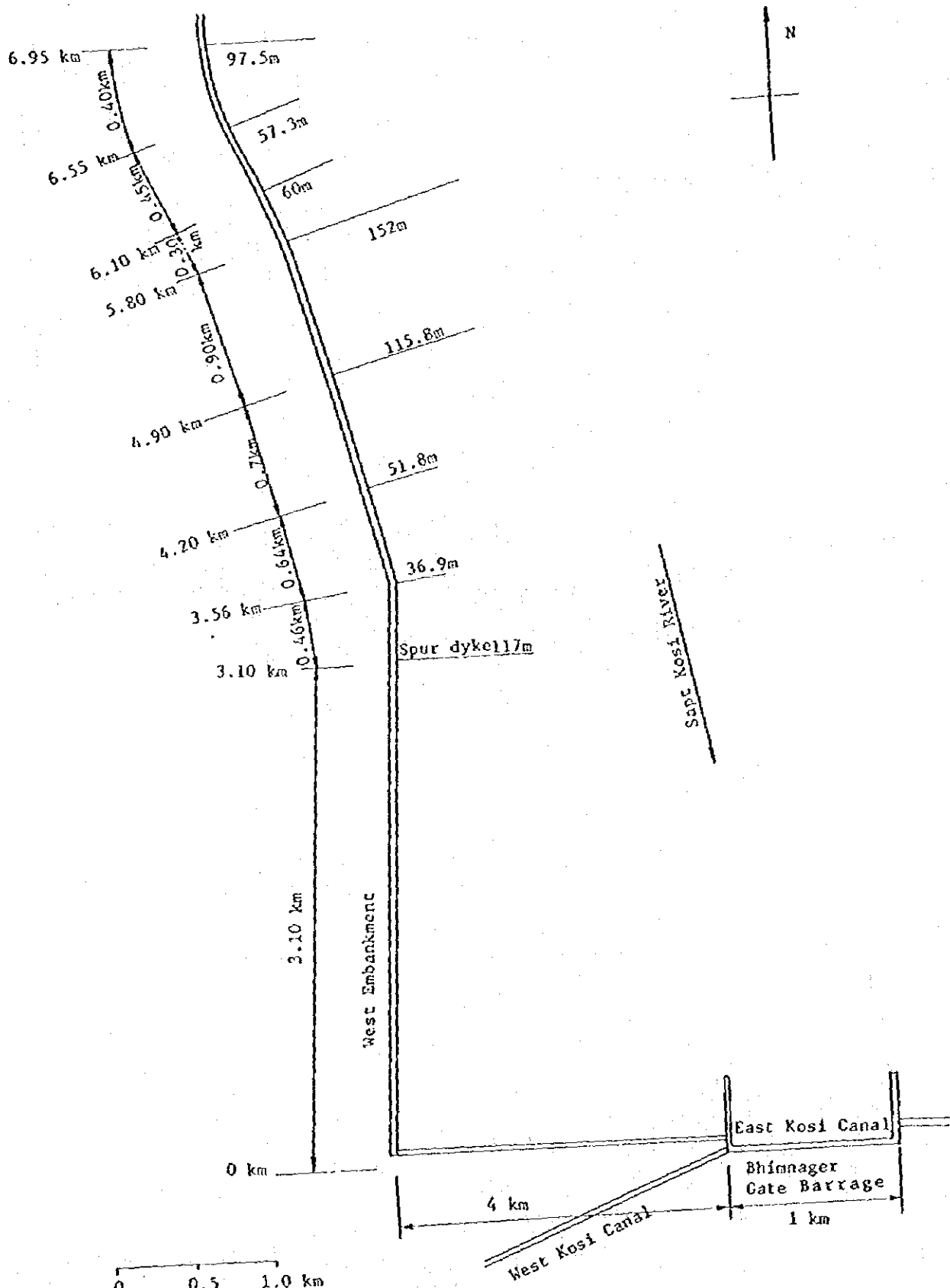


FIG. 6-2-2

SURVEY RESULTS ON THE WEST EMBANKMENT OF THE SAPT KOSI RIVER

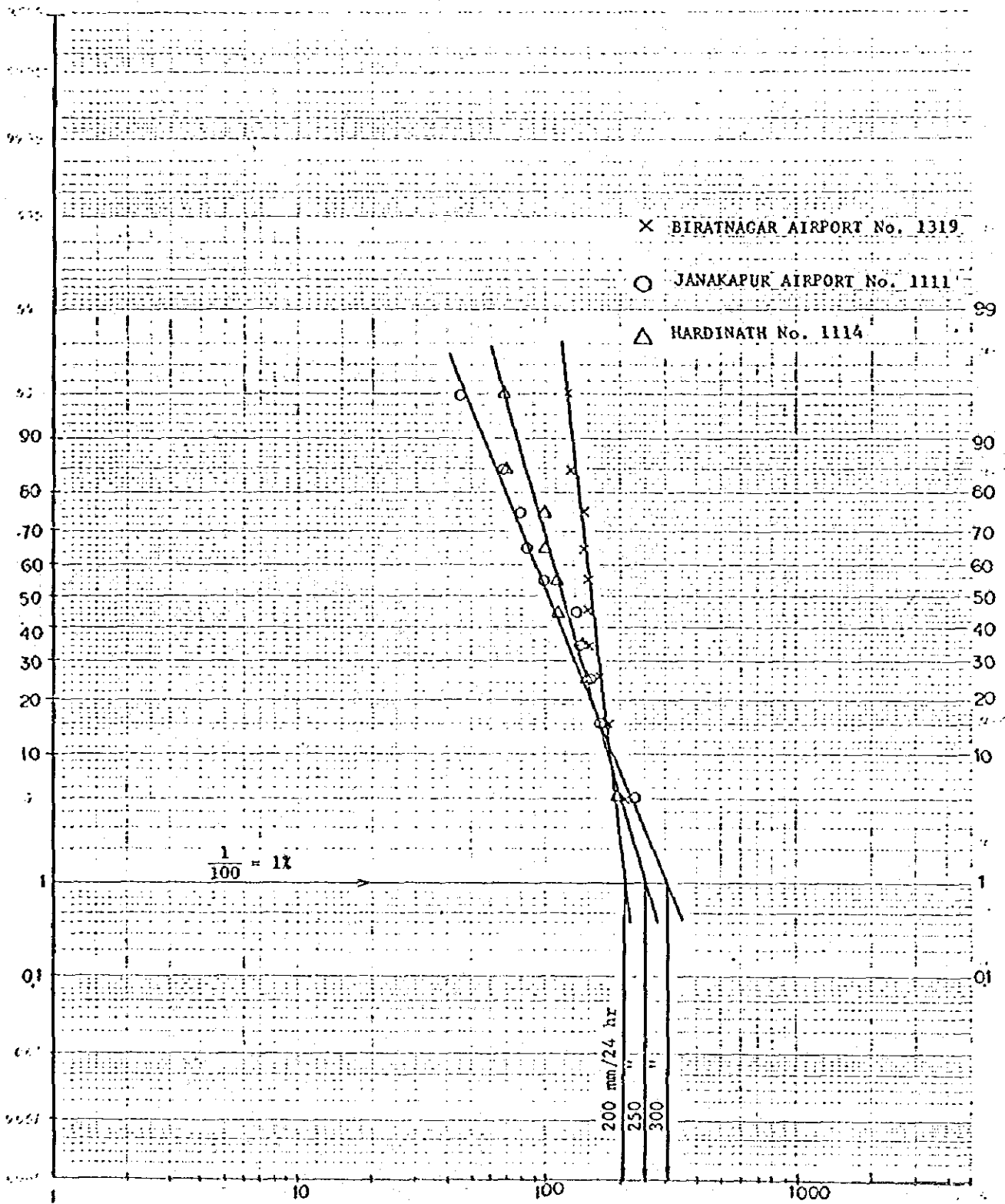


FIG. 6-2-3

STANDARD RETURN PERIOD DIAGRAM

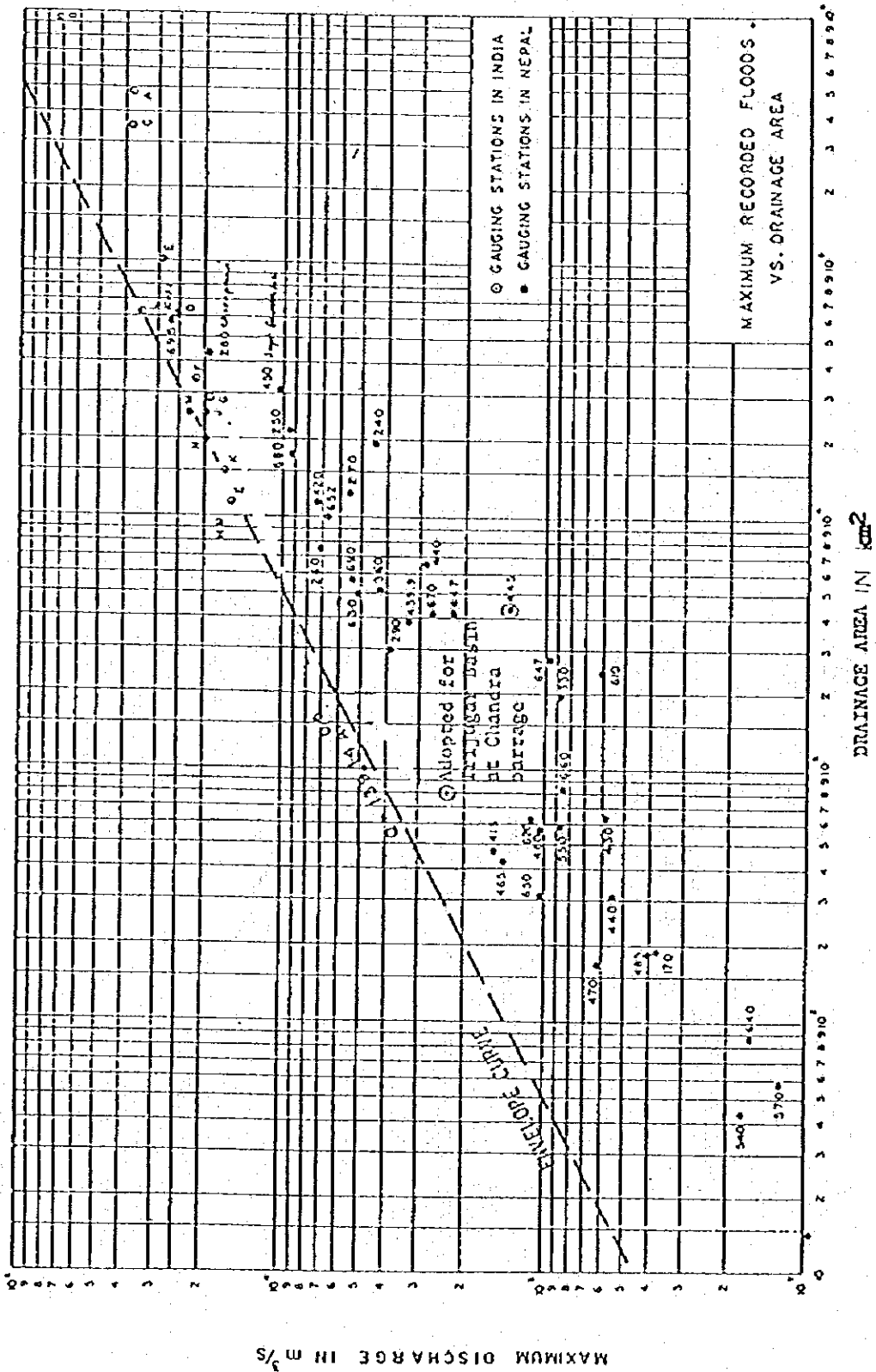


FIG. 6-2-4 MAXIMUM RECORDED FLOODS VS. DRAINAGE AREA

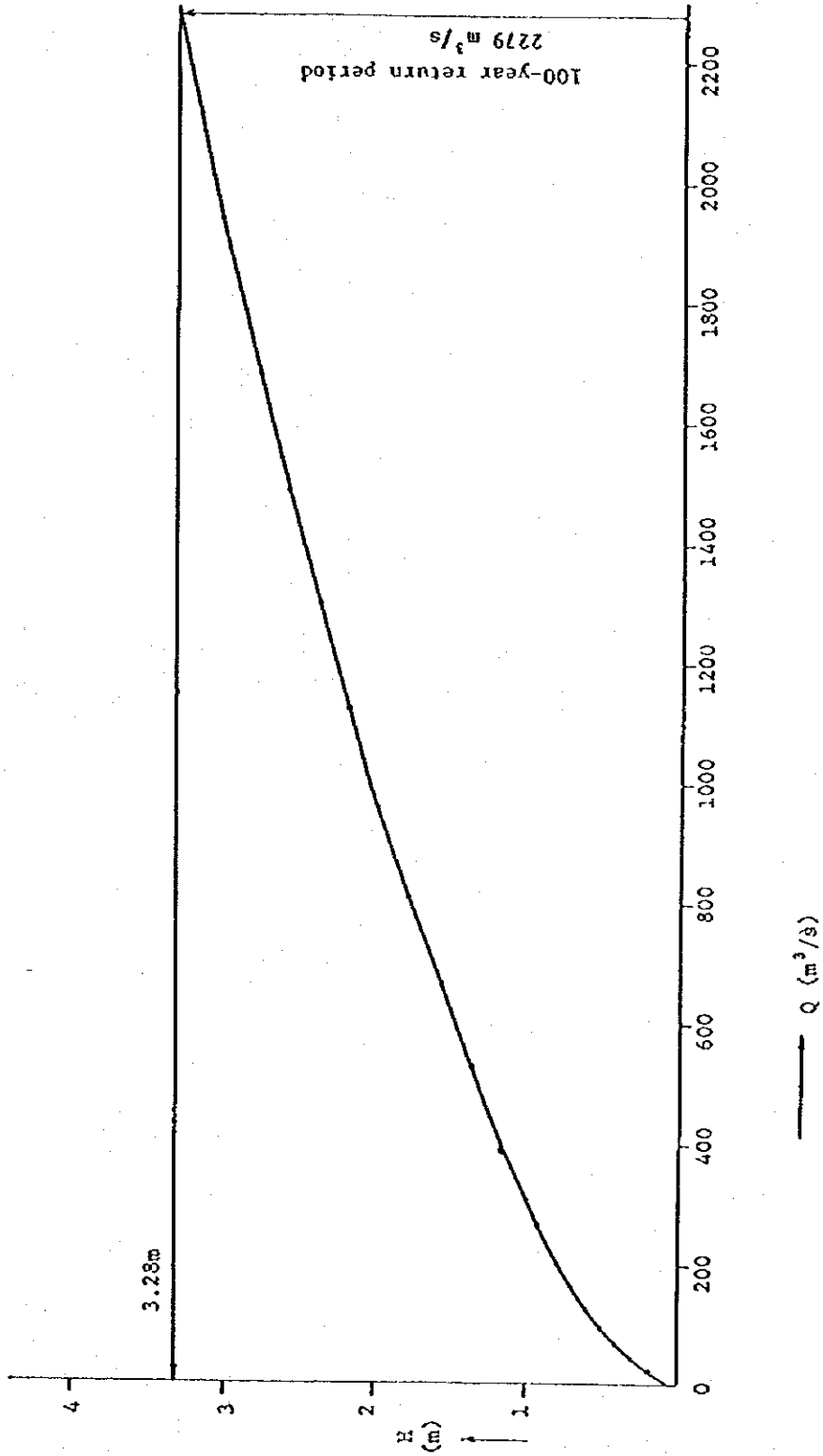


FIG. 6-2-5 E-Q CURVE AT CHANDRA BARRAGE

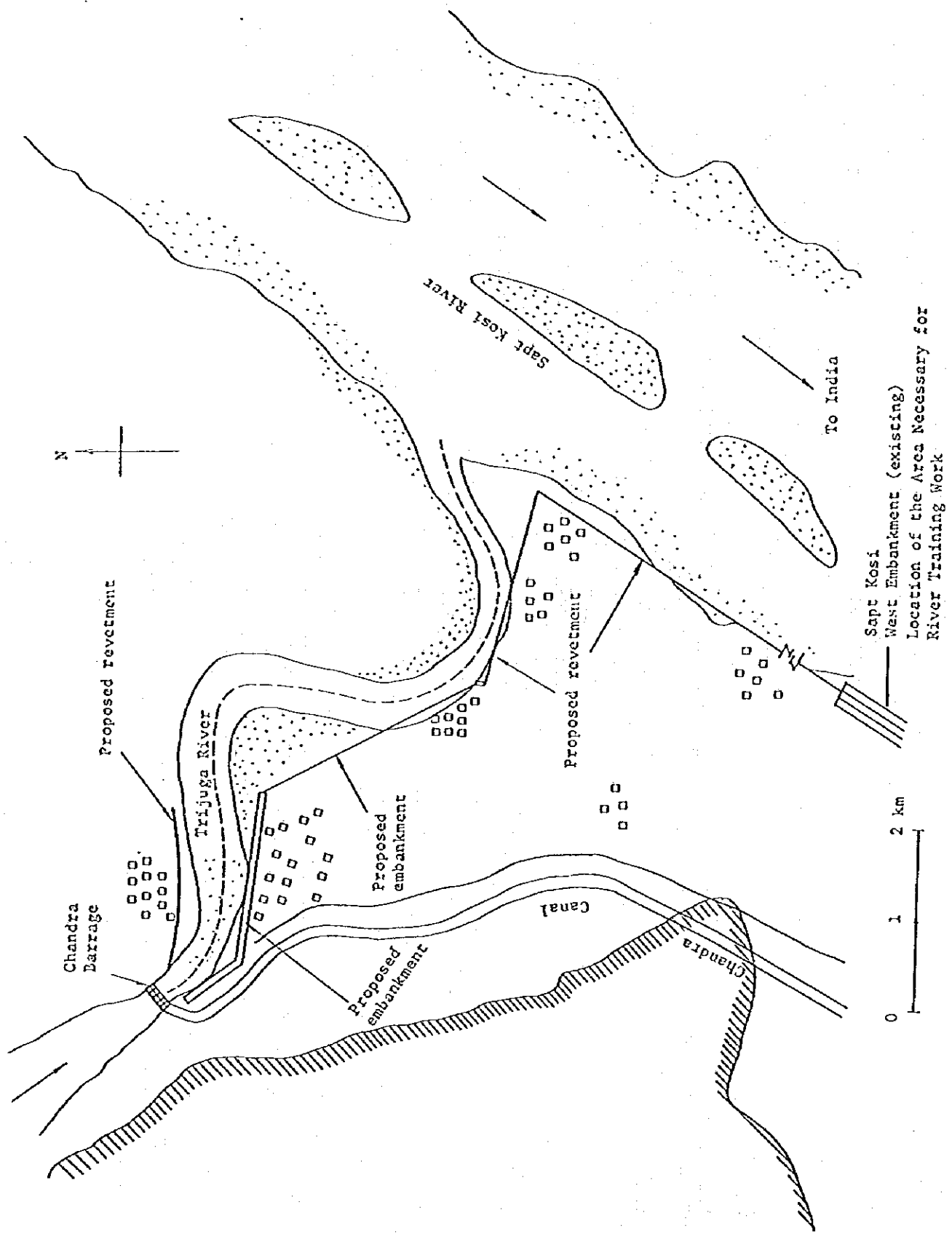


FIG. 6-2-6

PROPOSED RIVER TRAINING WORKS

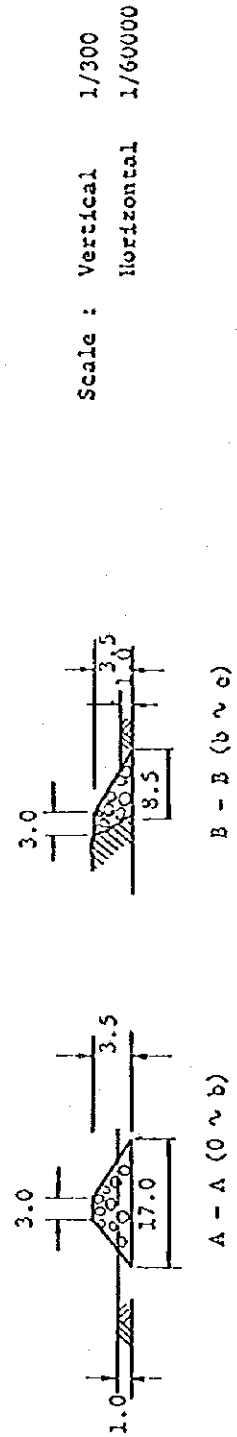
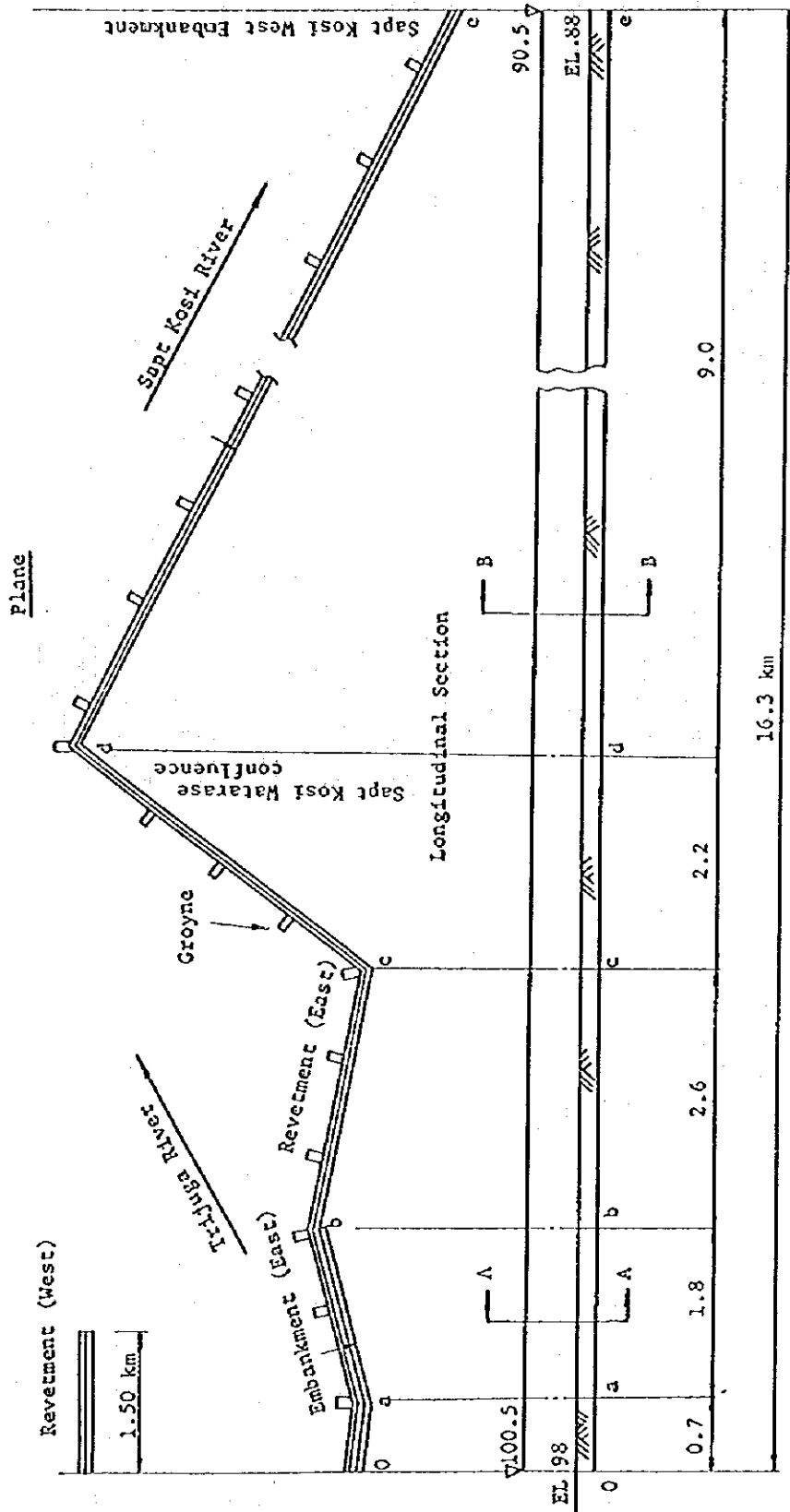


FIG. 6-2-7 PROPOSED DESIGN FOR RIVER TRAINING WORKS

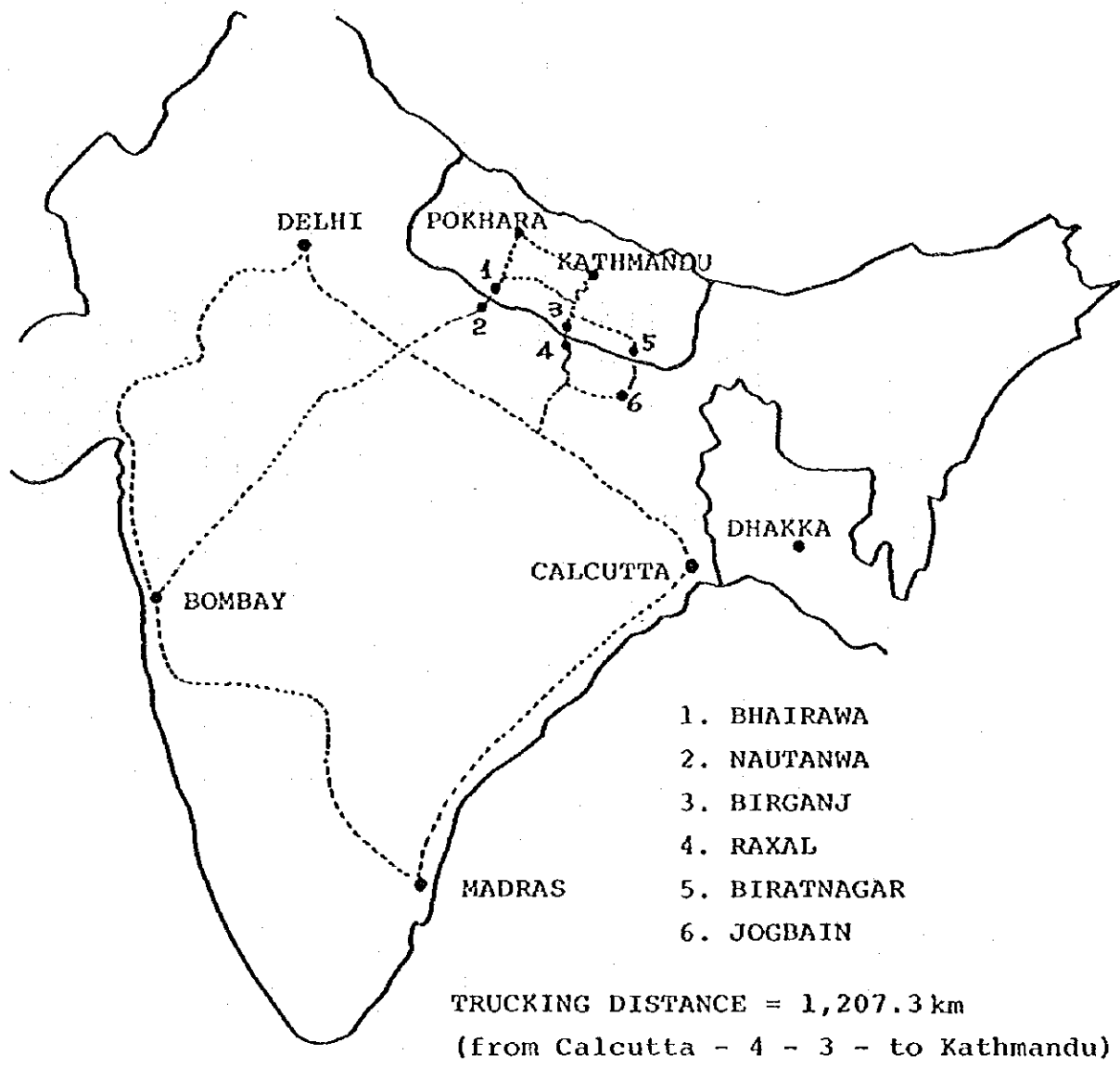


FIG. 6-3-2

MAJOR TRUCKING ROUTE

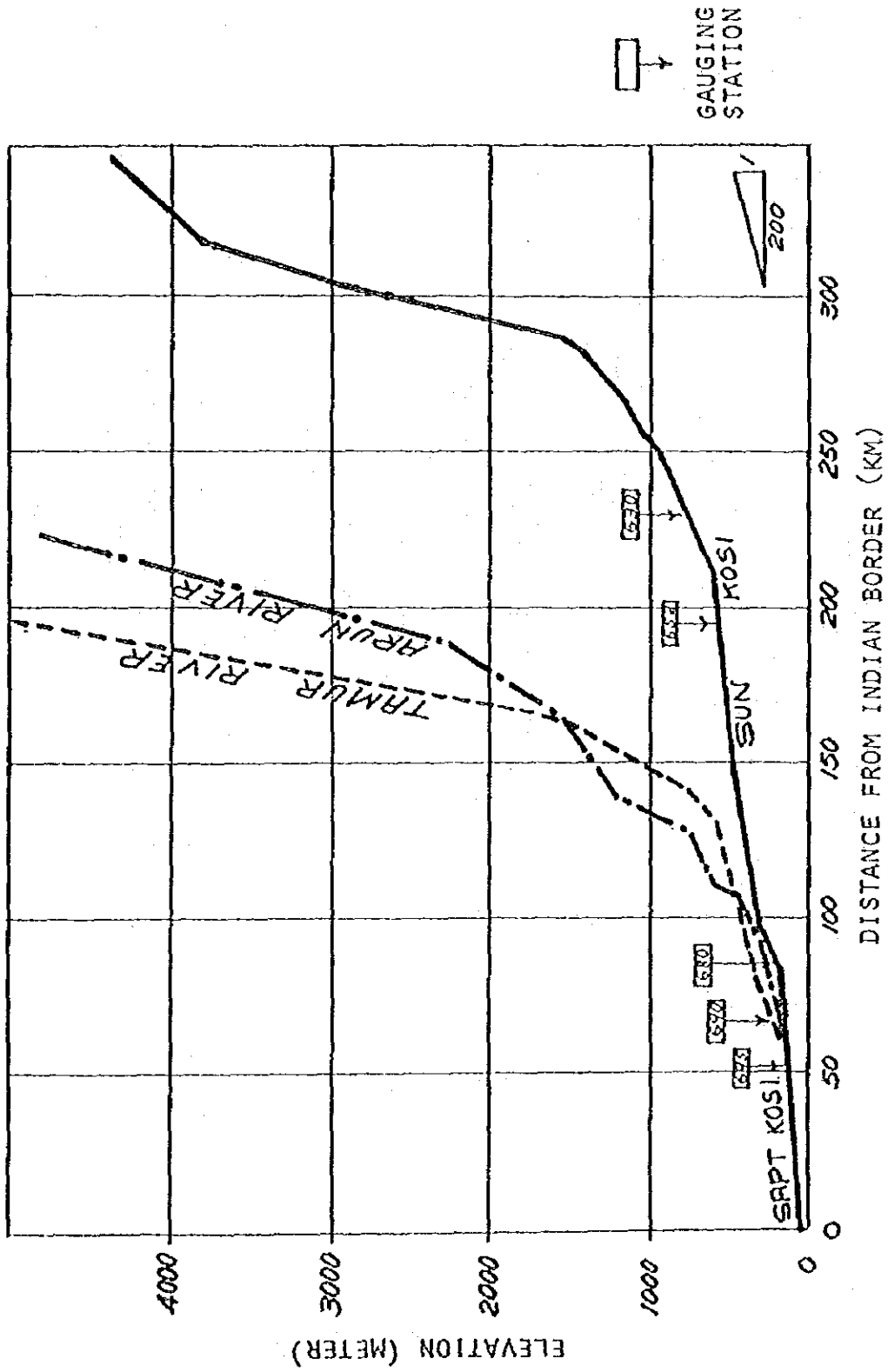


FIG. 6-3-3 LONGITUDINAL PROFILES AND LOCATIONS OF GAUGING STATIONS

DEPTHS IN METRES

Sea Mile

Depths are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide.
 Heights are in metres. Underlined figures are drying heights above Chart Datum; all other heights are above Mean High Water Springs.
 Authorities: The origin, scale, date and limits of the hydrographic charts and surveys used in compiling this chart are shown in the Source Data Diagram.

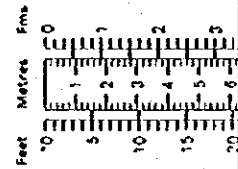
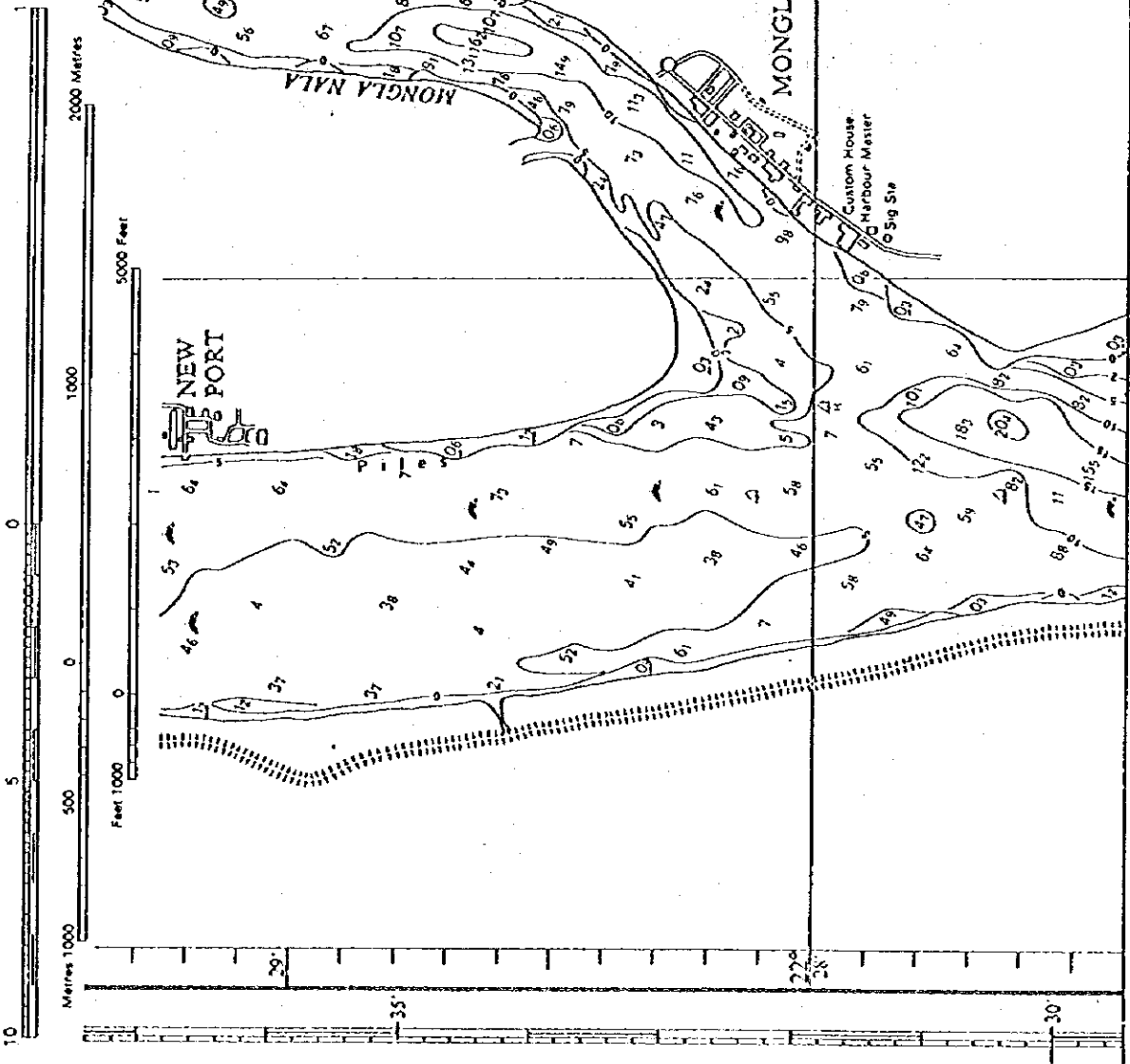


FIG. 6-3-4 TYPICAL NAVIGATION CHART

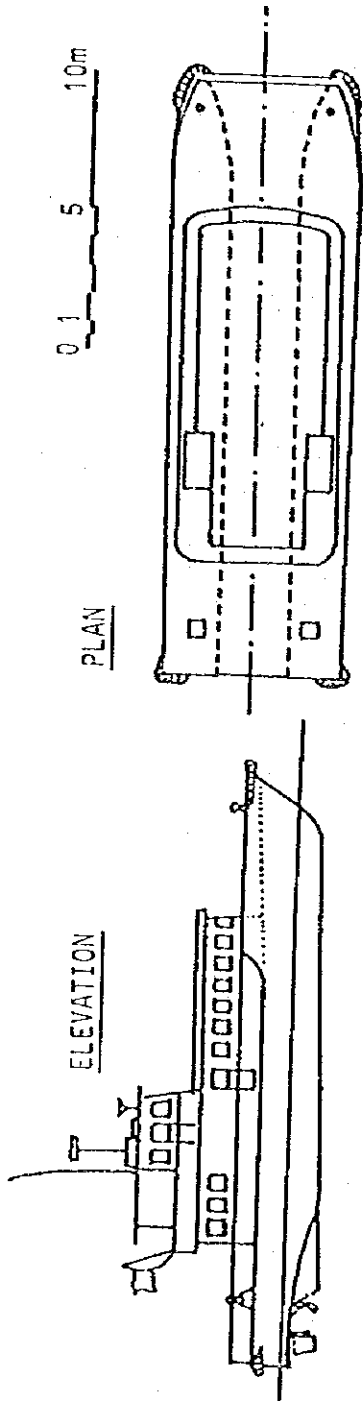


FIG. 6-3-5 A TYPICAL CATAMARAN TYPE BOAT

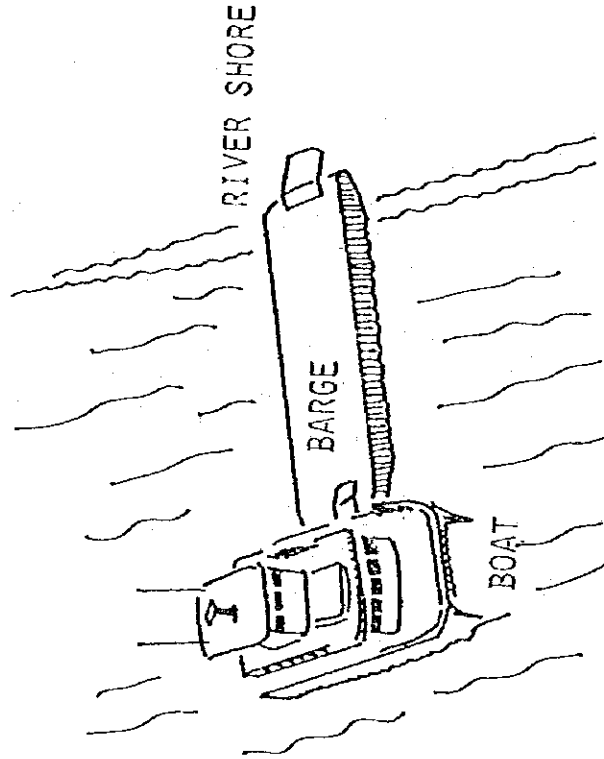
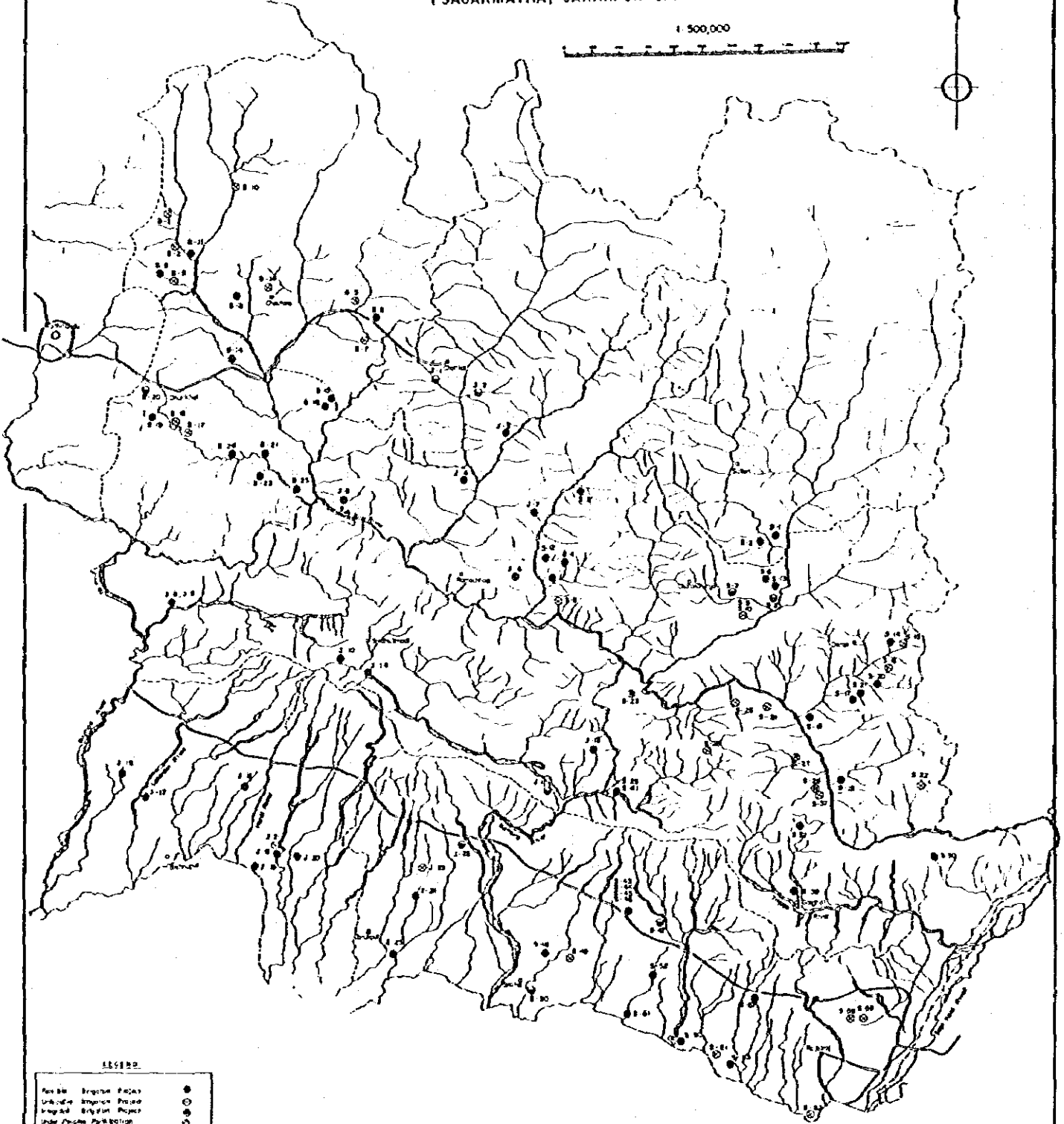


FIG. 6-3-6 BARGE AS A LANDING CRAFT

FIG. 6-5-1 TAR IRRIGATION PROJECT MAP
1 of 2
(SAGARMATHA, JANAKPUR and BAGMATI ZONE)

1:500,000



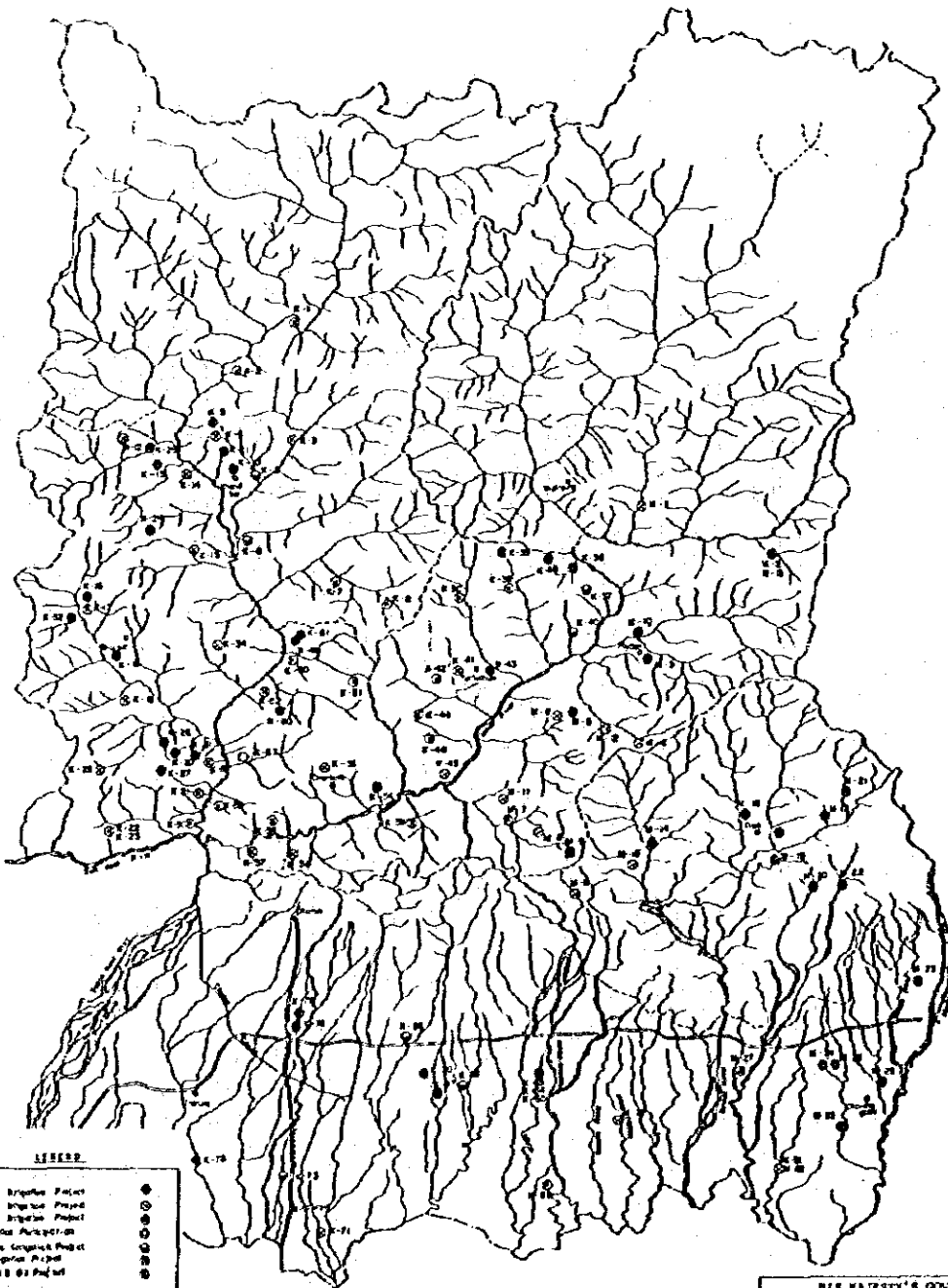
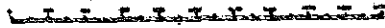
LEGEND

Feeder Irrigation Project	●
Under Irrigation Project	○
Proposed Irrigation Project	⊙
Under Feeder Irrigation Project	⊘
Canal Irrigation Project	⊚
Proposed Irrigation Project	⊛
INTERNATIONAL BOUNDARY	— — — — —
ZONE BOUNDARY	- - - - -
DISTRICT BOUNDARY	⋯⋯⋯
Z.P.A. HEADQUARTERS	⊠
DISTRICT HEADQUARTERS	⊡
ROAD	— — — — —
RIVER	~~~~~

HIS MAJESTY'S GOVERNMENT OF NEPAL	
MINISTRY OF WATER RESOURCES	
ROSI RIVER WATER RESOURCES DEVELOPMENT	
MASTER PLAN STUDY	
TAR IRRIGATION PROJECT MAP	
(SAGARMATHA, JANAKPUR AND BAGMATI ZONE)	
JAPAN INTERNATIONAL COOPERATION AGENCY	
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FIG. 6-5-1 TAR IRRIGATION PROJECT MAP
2 of 2
(KOSI and MECHI ZONE)

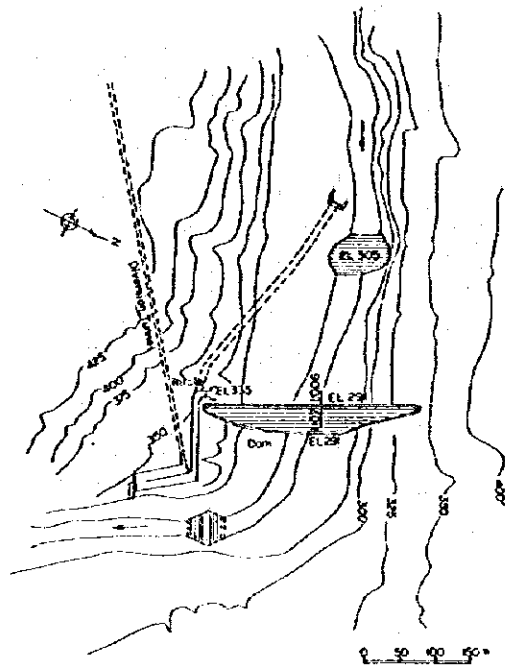
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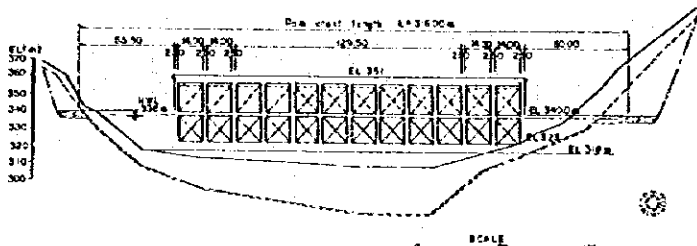
LEGEND

Public Irrigation Project	●
Unfinished Irrigation Project	○
Regional Irrigation Project	○
Local People Participation	○
Community Irrigation Project	○
Regional Irrigation Project	○
Small Scale Irrigation Project	○
INTERNATIONAL BOUNDARY	— — — — —
ZONE BOUNDARY	— — — — —
DISTRICT BOUNDARY	— — — — —
ZONE HEADQUARTER	●
DISTRICT HEADQUARTER	●
ROAD	— — — — —
RIVER	— — — — —

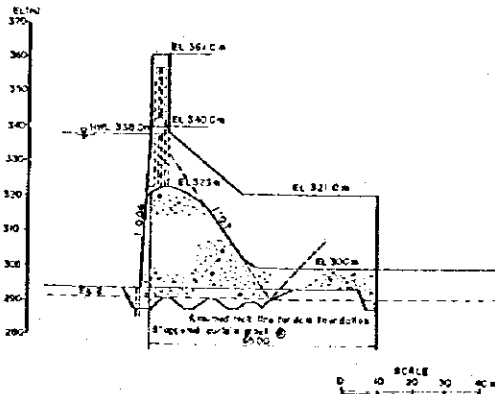
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KOSI RIVER WATER RESOURCES DEVELOPMENT MASTER PLAN STUDY	
TAR IRRIGATION PROJECT MAP (KOSI AND MECHI ZONE)	
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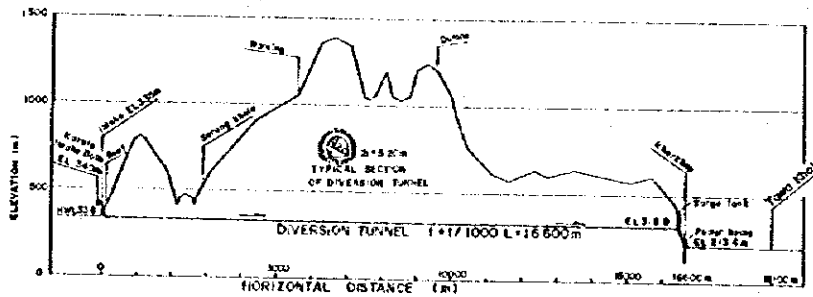
KURULE INTAKE DAM PLAN



UPSTREAM VIEW OF DAM

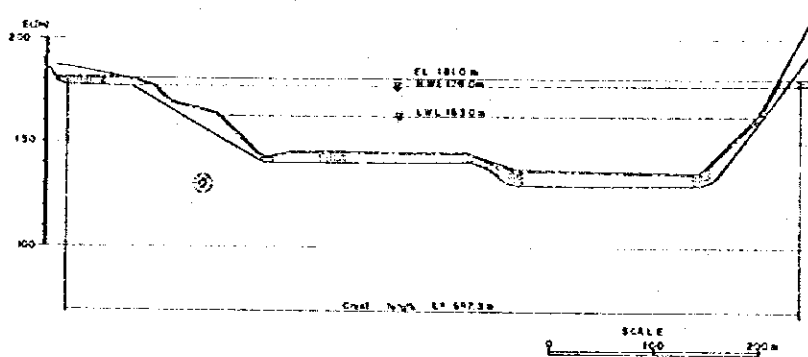
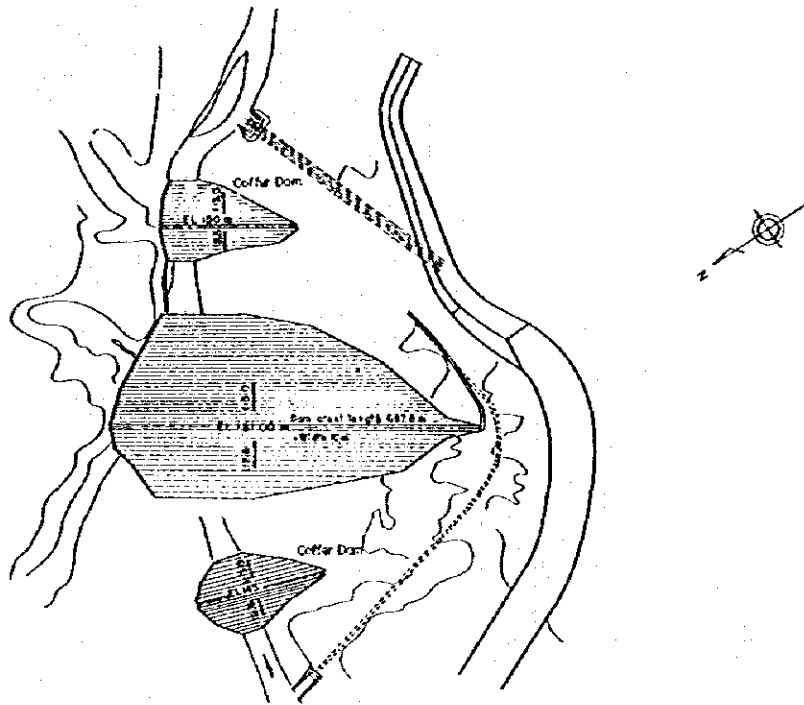


SECTION OF DAM

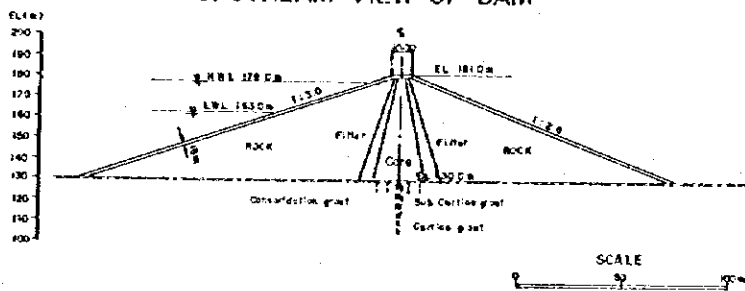


PROFILE OF DIVERSION TUNNEL

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KOSI RIVER WATER RESOURCES DEVELOPMENT MASTER PLAN STUDY	
SUN KOSI MULTIPURPOSE SCHEME KURULE INTAKE DAM	
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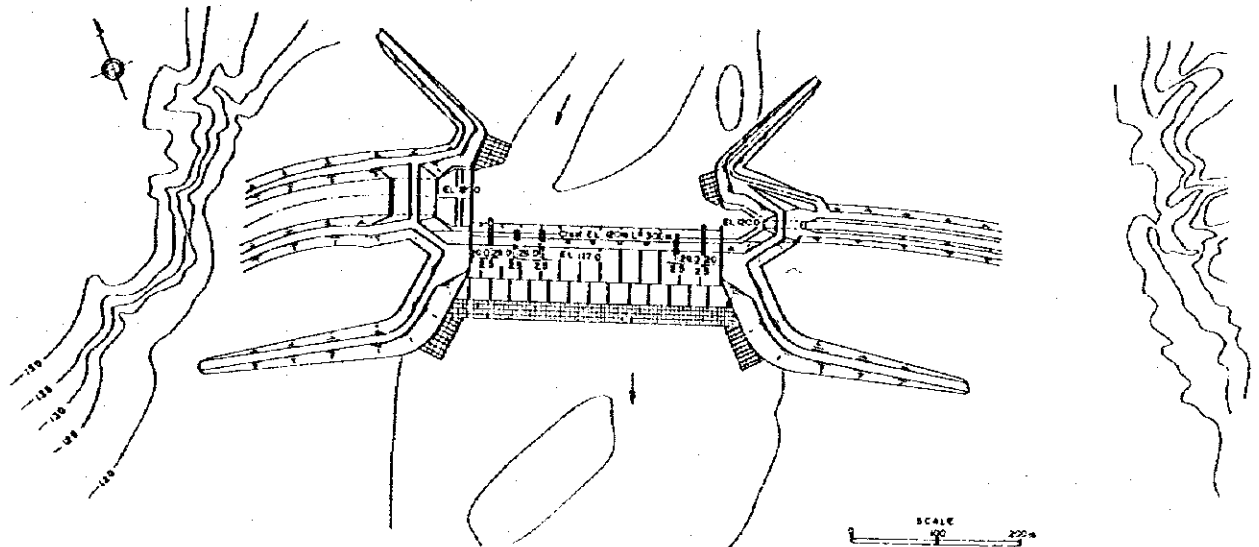


UPSTREAM VIEW OF DAM



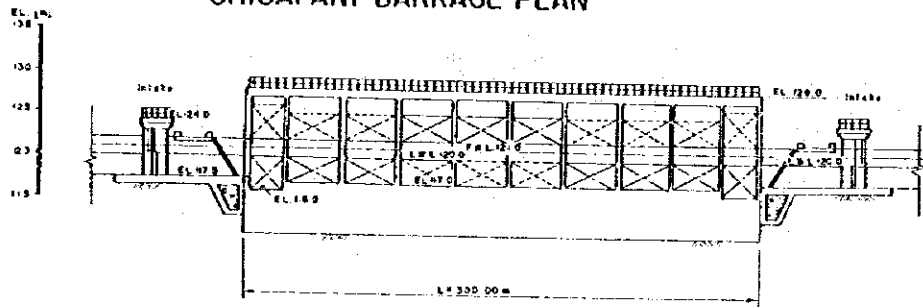
TYPICAL SECTION OF DAM

HIS MAJESTY'S GOVERNMENT OF NEPAL	
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KOSI RIVER WATER RESOURCES DEVELOPMENT	
MASTER PLAN STUDY	
SUN KOSI MULTIPURPOSE SCHEME	
KAMLA DAM	
JAPAN INTERNATIONAL COOPERATION AGENCY	
Date: March 1985	Sheet No.



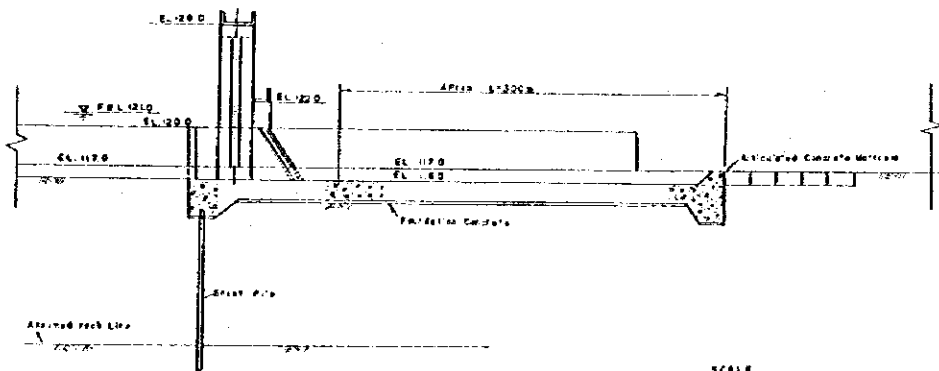
CHISAPANI BARRAGE PLAN

SCALE 1:200



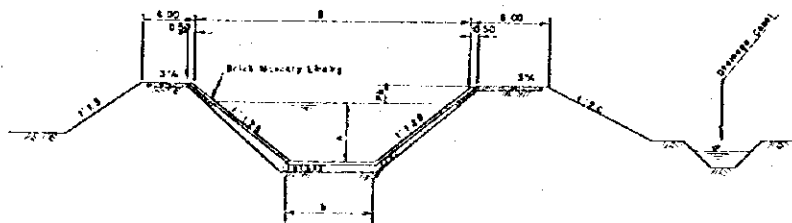
UPSTREAM VIEW OF BARRAGE

SCALE 1:50



SECTION OF BARRAGE

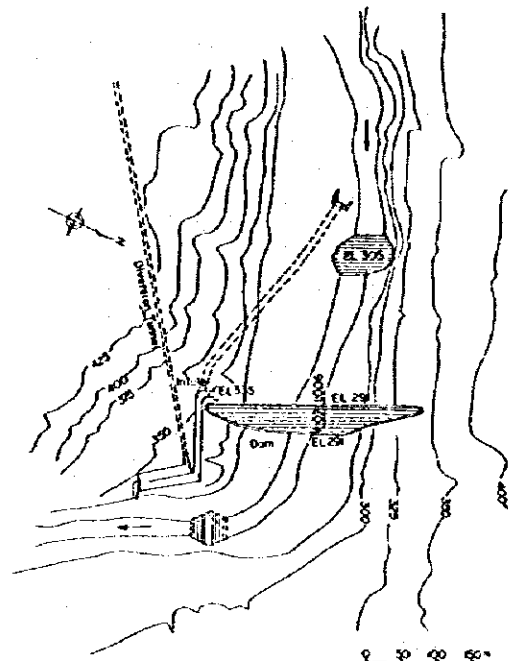
SCALE 1:20



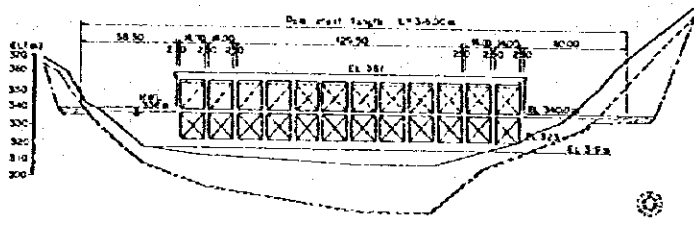
TYPICAL SECTION OF MAIN CANAL

SCALE 1:50

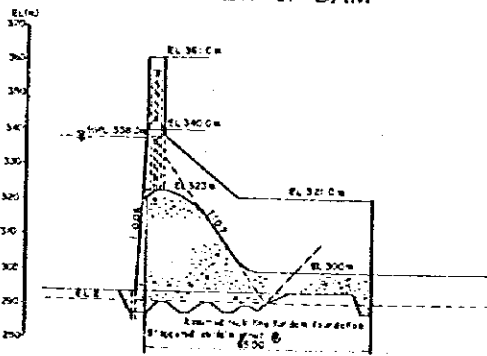
HIS MAJESTY'S GOVERNMENT OF NEPAL MINISTRY OF WATER RESOURCES	
KOSI RIVER WATER RESOURCES DEVELOPMENT MASTER PLAN STUDY	
SUN KOSI MULTIPURPOSE SCHEME CHISAPANI BARRAGE	
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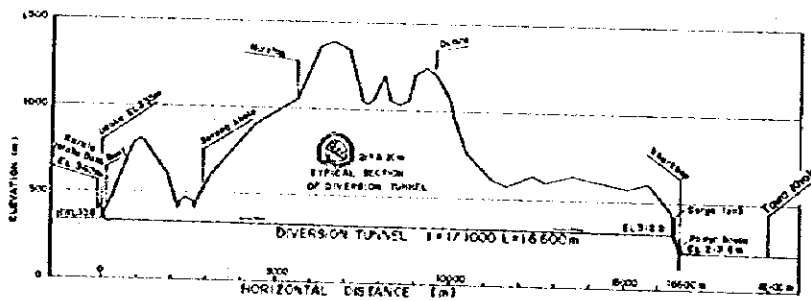
KURULE INTAKE DAM PLAN



UPSTREAM VIEW OF DAM

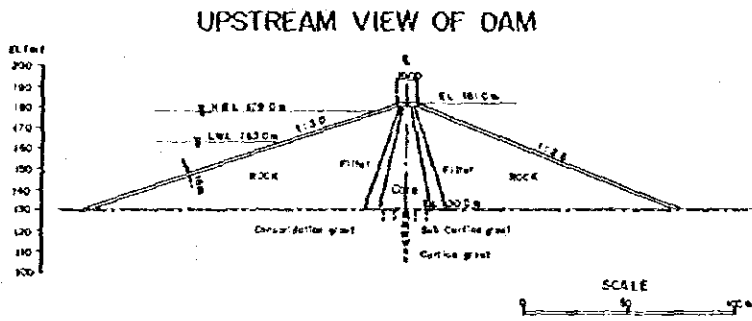
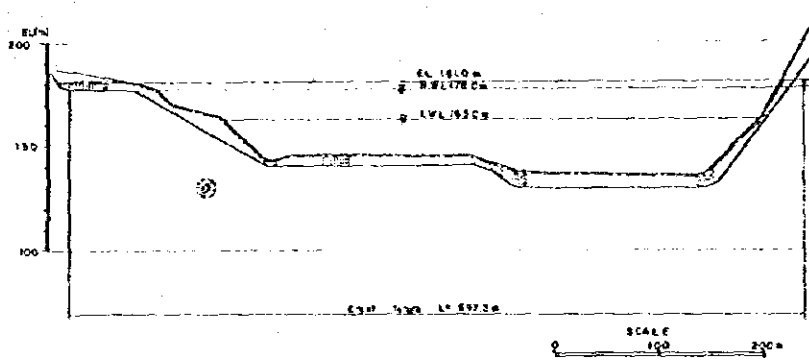
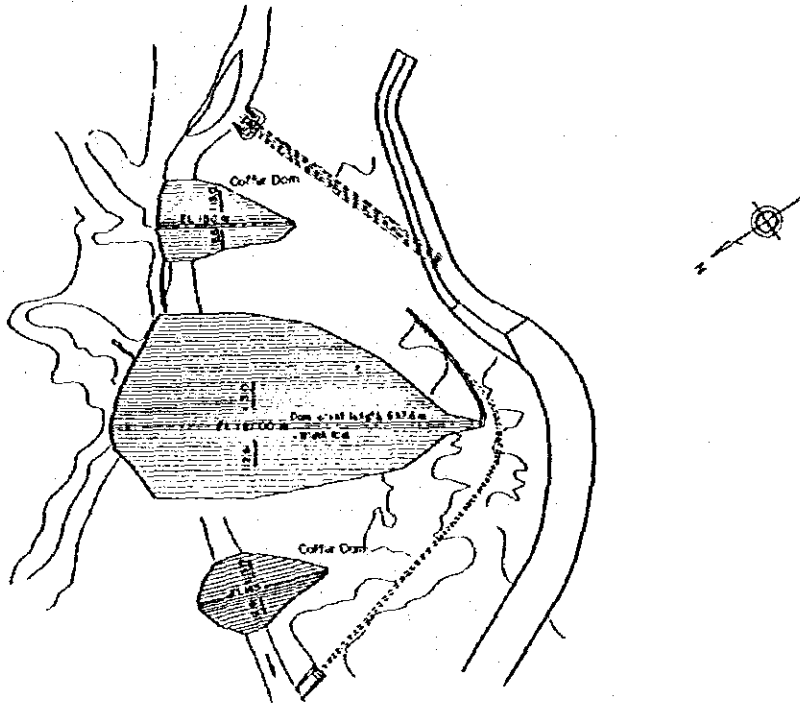


SECTION OF DAM

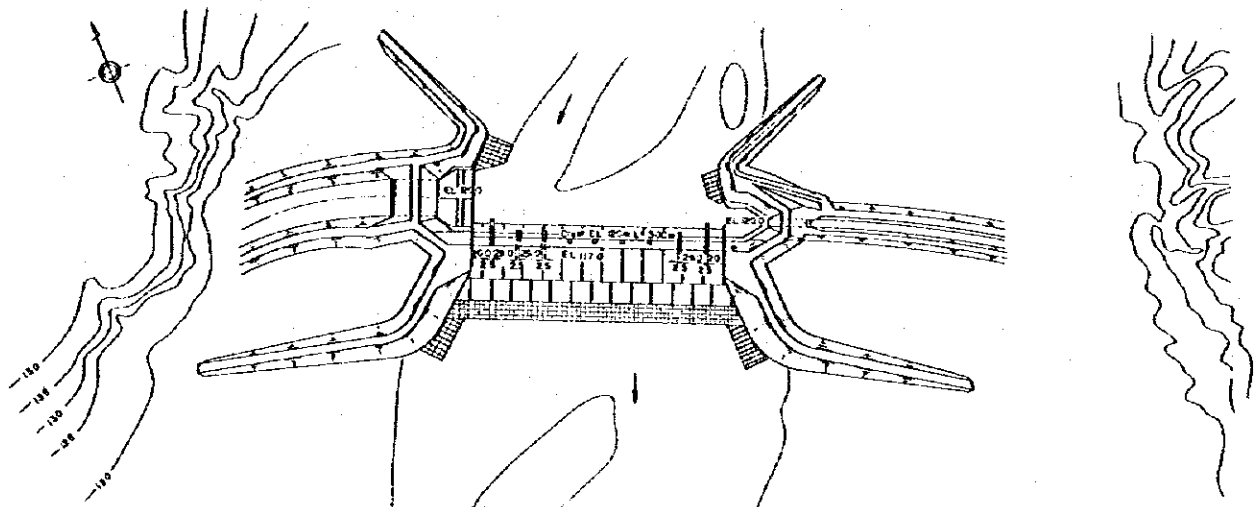


PROFILE OF DIVERSION TUNNEL

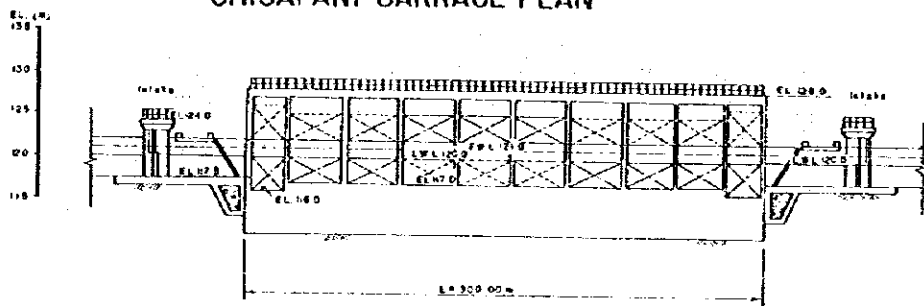
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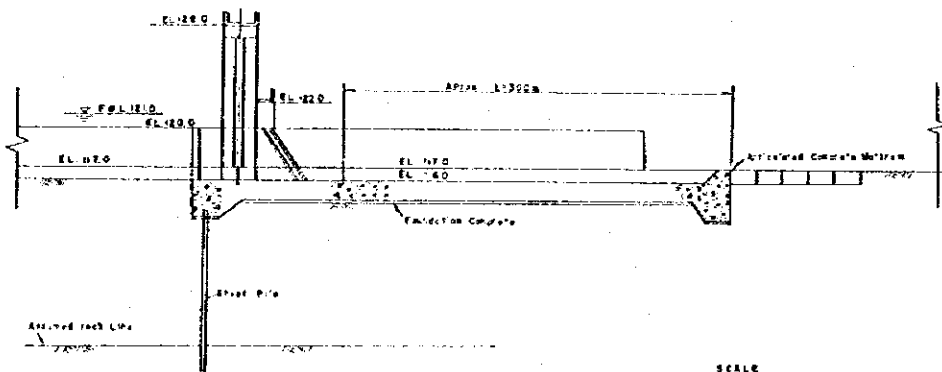
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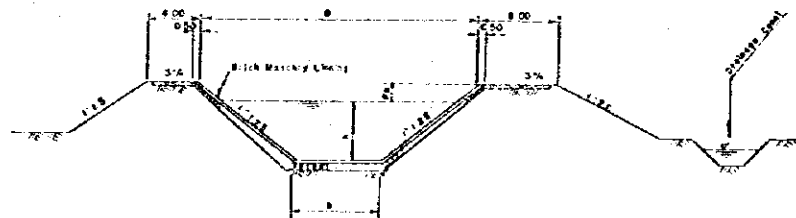
CHISAPANI BARRAGE PLAN



UPSTREAM VIEW OF BARRAGE



SECTION OF BARRAGE



TYPICAL SECTION OF MAIN CANAL

HIS MAJESTY'S GOVERNMENT OF NEPAL	
MINISTRY OF WATER RESOURCES	
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