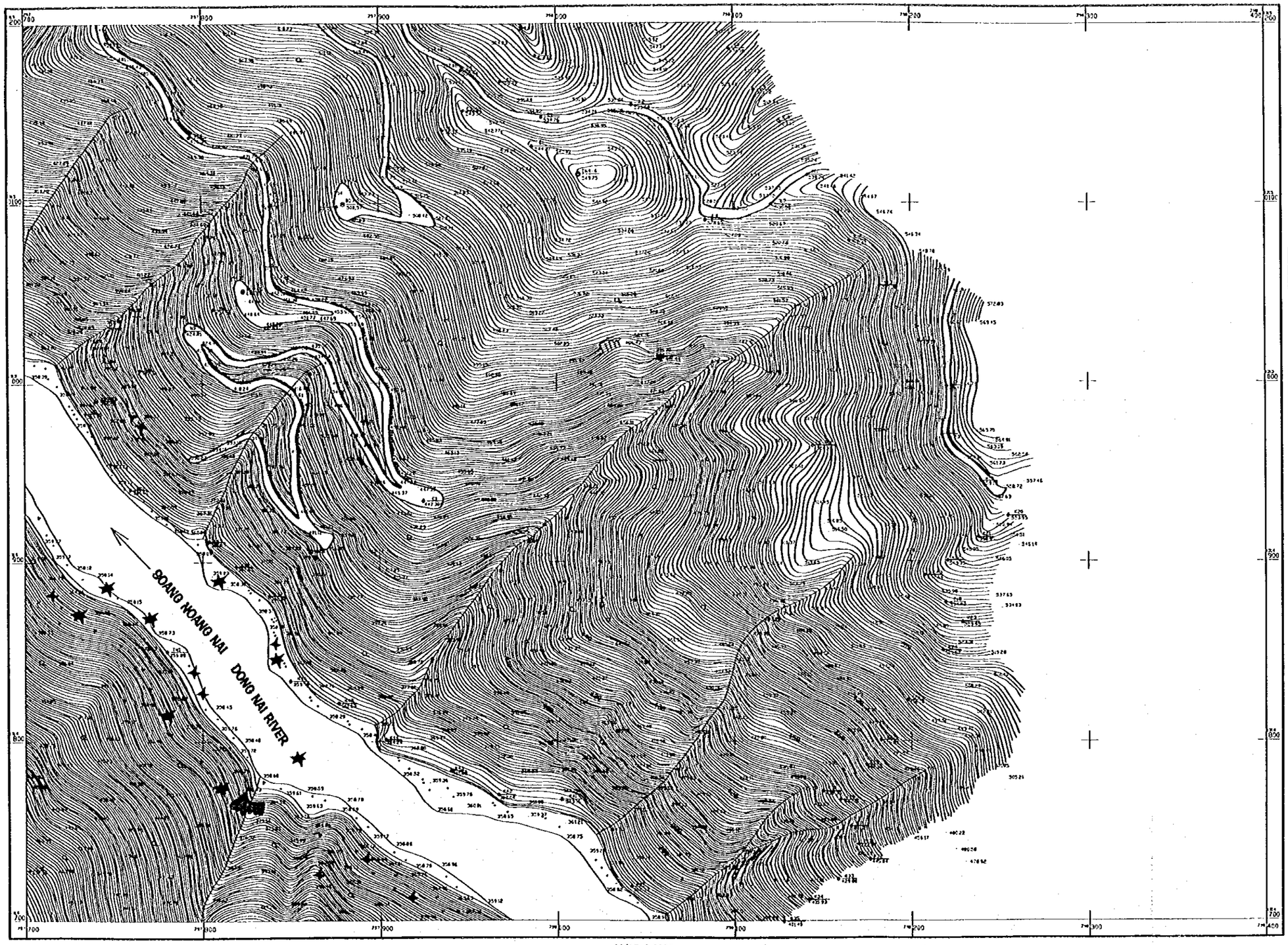
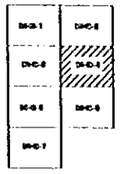
DONG NAI No.4 DAM SITE

DONG NAI No.3 AND No.4 COMBINED HYDROPOWER PROJECT (F/S)

DN4D-4



ADJOINING SHEETS



LEGEND

DESCRIPTION	SYMBOL
Control Point (GPS)	
Control Point (IV order traverse)	
Control Point (1st grade traverse)	
Control Point (Theodolite traverse)	
Cross-section Point	
Spot Height	
Bore Hole	
Artificial Slope	
Road or Track	
Footpath	
Vegetation Boundary	
Bush or Forest	
River Bank	
Stream	
Waterfall	
Cliff	
Landslide	
Exposed Rock	
Water Edge Line	

- This map made by ground survey
- Coordinate System: Distance at ground elevation and referred to 1968 Indian UTM
- Height: Datum Mean sea level at Ha Tien

SCALE 1:1000

0 10 20 30 40 50 60 70 80 90 100m

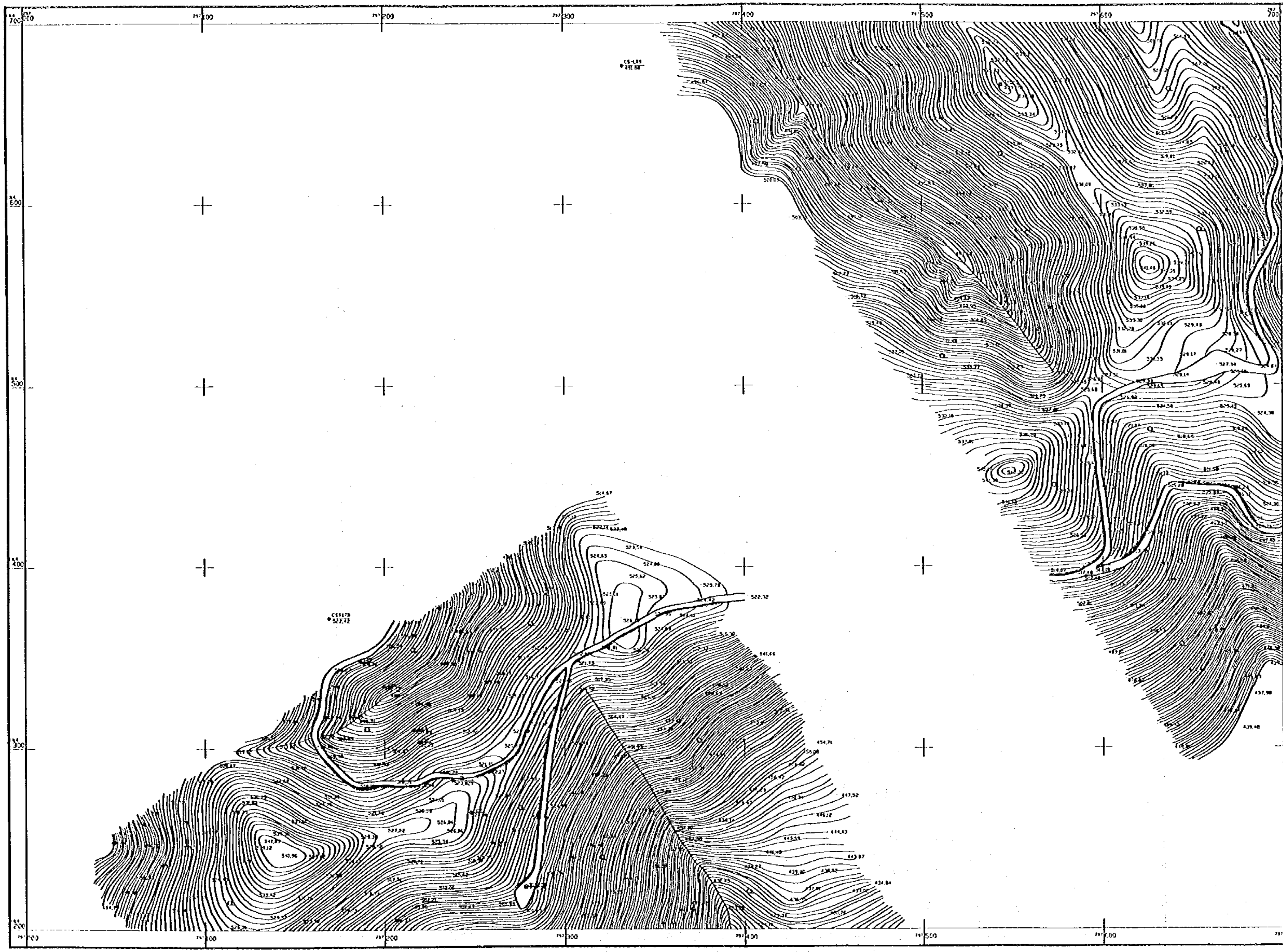
1 cm on the map corresponds to 10m in the field
Contour interval is 1meter

DONG NAI No.3 & No.4 COMBINED HYDROPOWER PROJECT (F/S)	
SOCIALIST REPUBLIC OF VIET NAM ELECTRICITY OF VIET NAM	
JAPAN INTERNATIONAL COOPERATION AGENCY	
TOPOGRAPHIC MAP OF DONG NAI No.4 DAM SITE	
Date: September 25,1999	Drawing No. TM-DN4-DS-03

DONO NAI No.3 AND No.4 COMBINED HYDROPOWER PROJECT (F/9)

DONO NAI No.4 DAM SITE

DN4D-6



SCALE 1:1000

0 10 20 30 40 50 60 70 80 90 100m

1 cm on the map corresponds to 10m in the field
Contour interval is 1meter

ADJOINING SHEETS

LEGEND

DESCRIPTION	SYMBOL
Control Point (GPS)	EN4-2 345678
Control Point (IV order traverse)	IV-12 345678
Control Point (1st grade traverse)	I-CP31 345678
Control Point (Theodolite traverse)	K27 345678
Cross section Post	CS-521 34567
Spot Height	.35578
Bore Hole	BD9163 34567
Artificial Slope	
Road or Track	
Footpath	
Vegetation Boundary	
Bush or Forest	
River Bank	
Stream	
Waterfall	
Cliff	
Landslide	
Exposed Rock	
Water Edge Line	

- This map made by ground survey
- Coordinate System Distance at ground elevation and refered to 1960 Indian UTM
- Height Datum Mean sea level at Ha Tien

DONG NAI No.3 & No.4 COMBINED HYDROPOWER PROJECT (F/S)

SOCIALIST REPUBLIC OF VIET NAM
ELECTRICITY OF VIET NAM

JAPAN INTERNATIONAL COOPERATION AGENCY

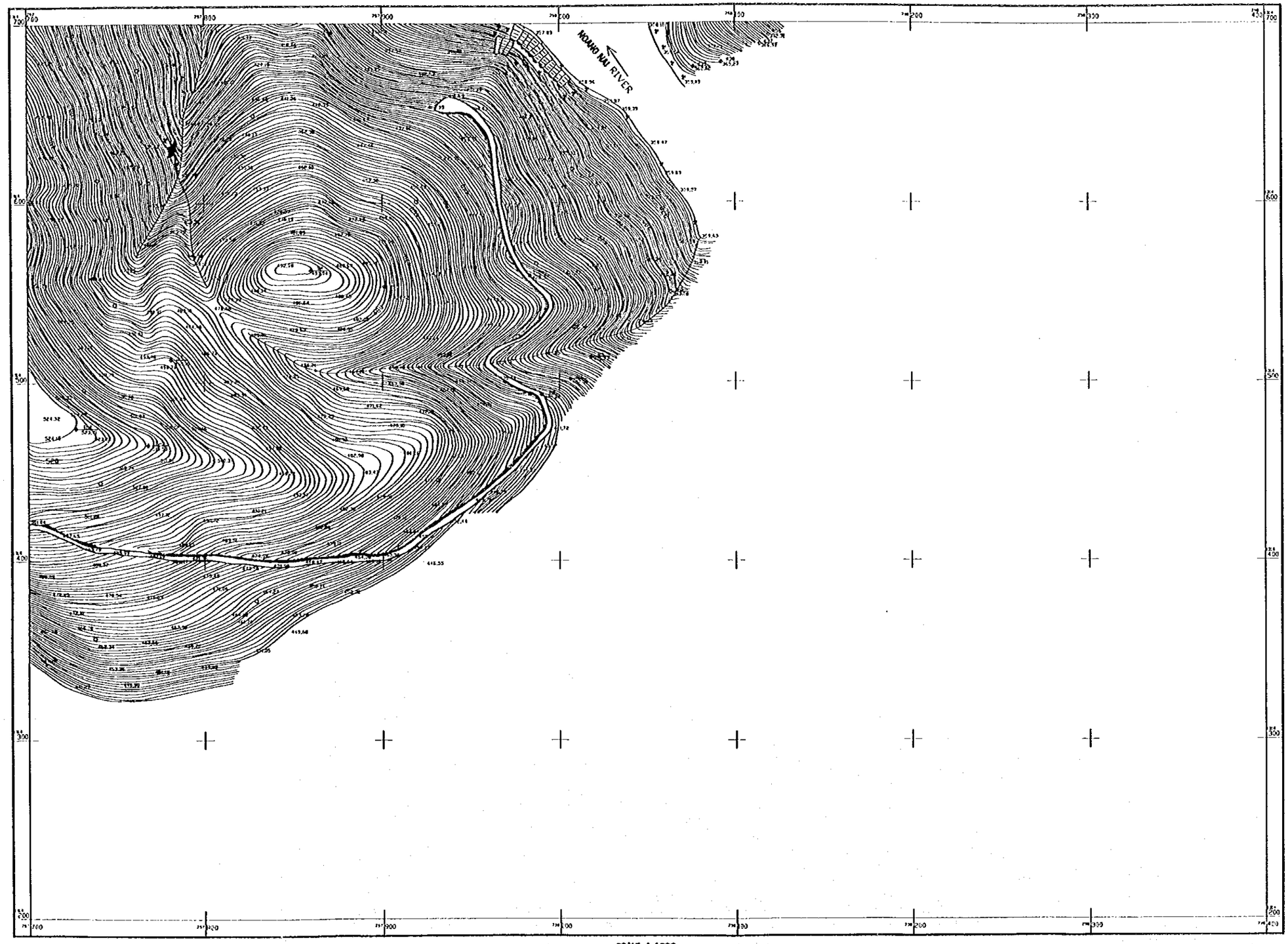
TOPOGRAPHIC MAP
OF DONG NAI No.4 DAM SITE

Date September 25,1999	Drawing No. TM DN4 DS 37

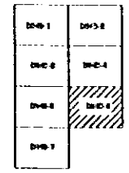
DONG NAI No.3 AND No.4 COMBINED HYDROPOWER PROJECT (F/S)

DONG NAI No.4 DAM SITE

DN4D-8



ADJOINING SHEETS



LEGEND

DESCRIPTION	SYMBOL
Control Point (DFS)	DN4-2 345.678
Control Point (IV order traverse)	IV-12 345.678
Control Point (1st grade traverse)	I-5201 345.678
Control Point (Theodolite traverse)	K27 345.678
Cross-section Point	CS-501 345.67
Spot Height	+345.678
Bore Hole	BDH38 345.67
Artificial Slope	
Road or Track	
Footpath	
Vegetation Boundary	
Bush or Forest	
River Bank	
Stream	
Waterfall	
Cliff	
Landslide	
Exposed Rock	
Water Edge Line	

- This map made by ground survey
- Coordinate System Distance at ground elevation and refered to IX8 Indian UTM
- Height Datum Mean sea level at Ha Tien

DONG NAI No.3 & No.4 COMBINED HYDROPOWER PROJECT (F/S)
SOCIALIST REPUBLIC OF VIET NAM ELECTRICITY OF VIET NAM
JAPAN INTERNATIONAL COOPERATION AGENCY
TOPOGRAPHIC MAP OF DONG NAI No.4 DAM SITE
Date: September 23,1999 | Drawing No. EN4 DN4 ES 67

SCALE 1:1000

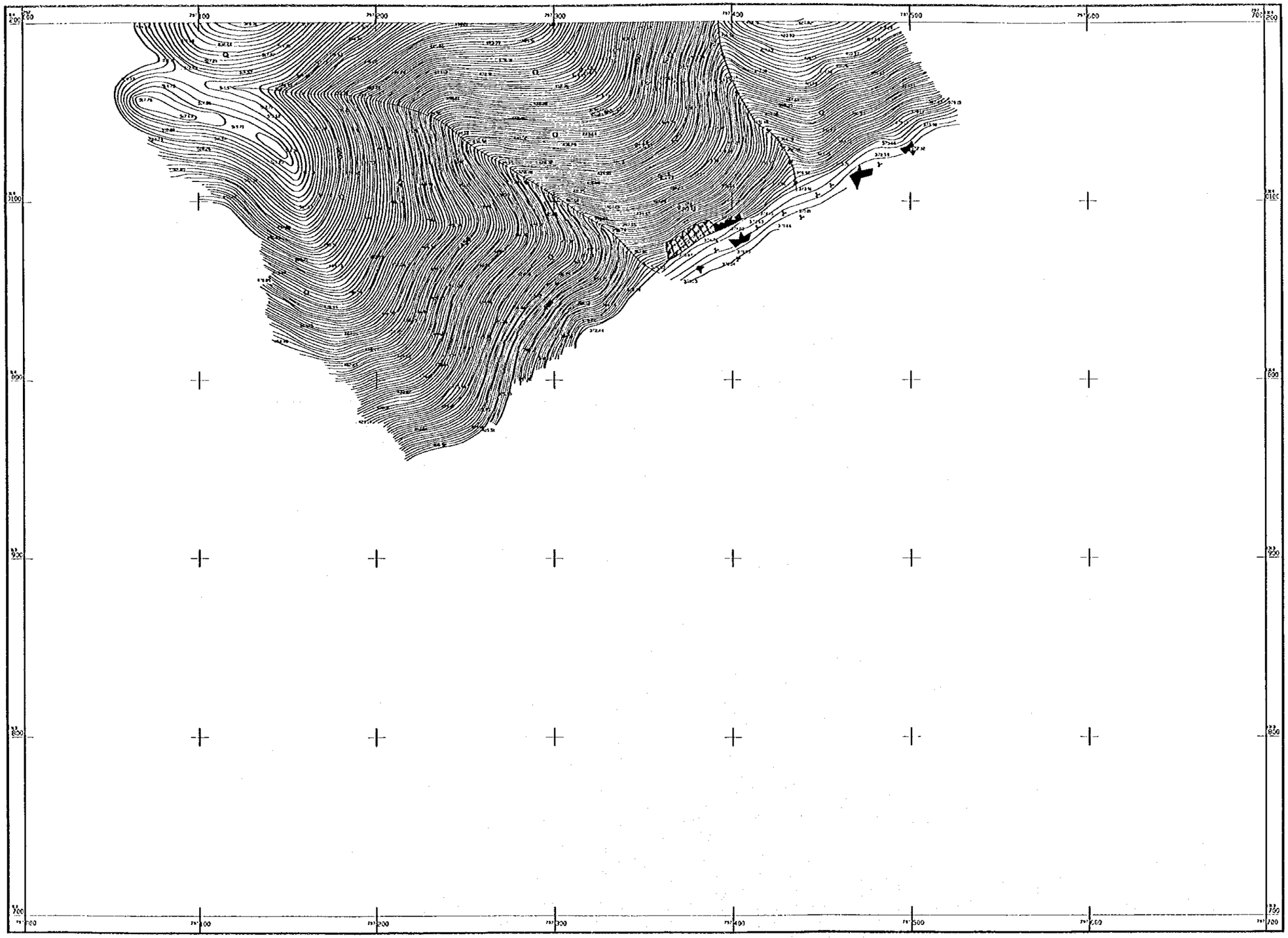
0 10 20 30 40 50 60 70 80 90 100m

1 cm on the map corresponds to 10m in the field
Contour interval is 1meter

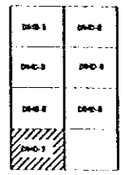
DONG NAI No.4 DAM SITE

DONG NAI No.3 AND No.4 COMBINED HYDROPOWER PROJECT (F/S)

DN40-7



ADJOINING SHEETS



LEGEND

DESCRIPTION	SYMBOL
Control Point (GPS)	DN1-2 345.678
Control Point (IV order traverse)	IV-12 345.678
Control Point (1st grade traverse)	I-CG01 345.678
Control Point (Feasibility traverse)	N27 345.678
Cross-section Post	CS-601 345.67
Spot Height	+355.78
Bore Hole	BDH03 345.67
Artificial Slope	
Road or Track	
Footpath	
Vegetation Boundary	
Bush or Forest	
River Bank	
Stream	
Waterfall	
Cliff	
Landslide	
Exposed Rock	
Water Edge Line	

- This map made by ground survey
- Coordinate System: Distance at ground elevation and referred to 1X8 Indian UTM
- Height Datum: Mean sea level at Ha Tien

SCALE 1:1000

0 10 20 30 40 50 60 70 80 90 100m

1 cm on the map corresponds to 10m in the field
Contour interval is 1meter

DONG NAI No.3 & No.4 COMBINED HYDROPOWER PROJECT (F/S)

SOCIALIST REPUBLIC OF VIET NAM
ELECTRICITY OF VIET NAM

JAPAN INTERNATIONAL COOPERATION AGENCY

TOPOGRAPHIC MAP
OF DONG NAI No.4 DAM SITE

Date: September 25,1995 | Drawing No. TM DN4 DS 3/3

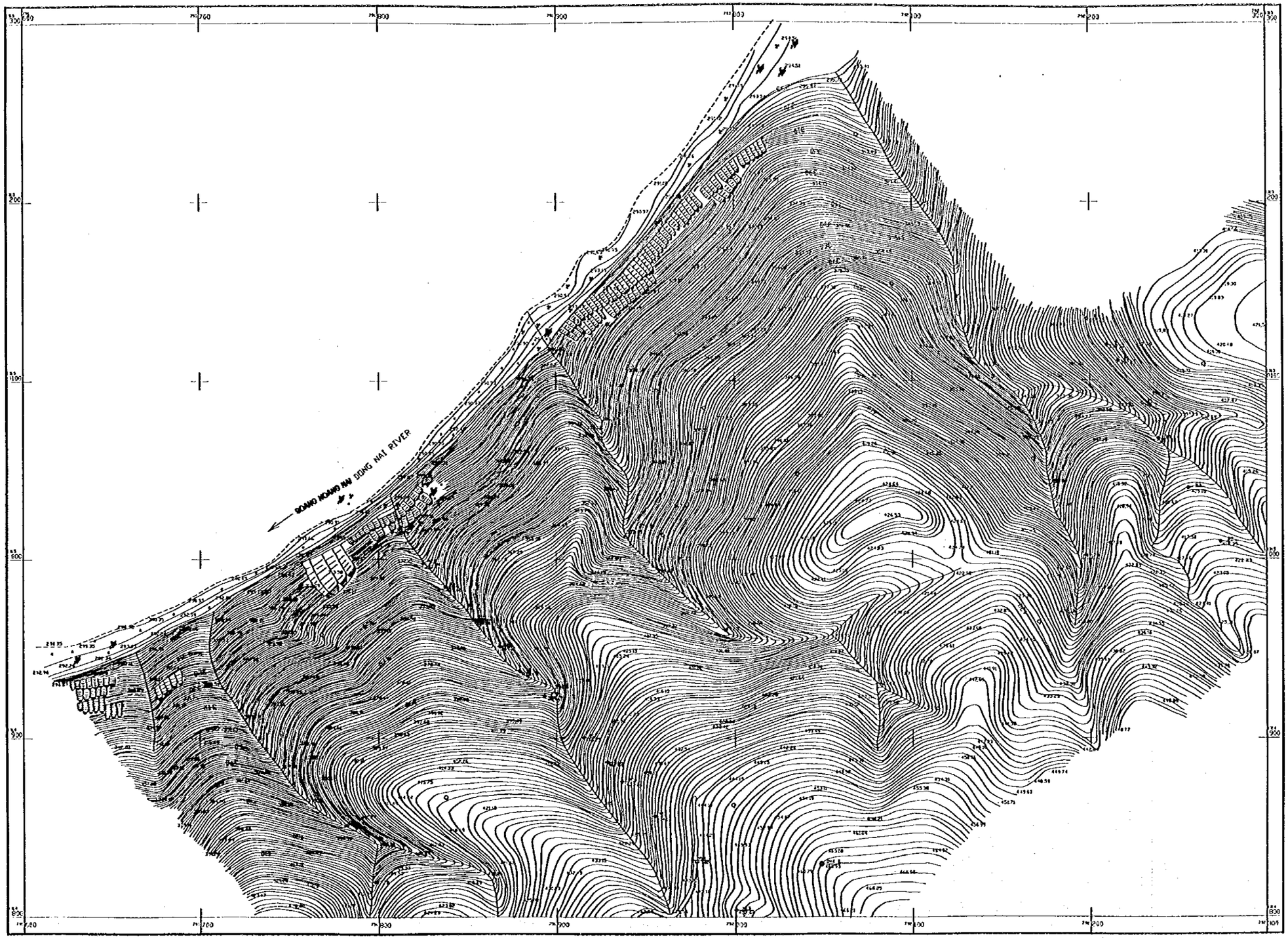
Attachment B4

Topographic Maps at Dong Nai No.4 Powerhouse and Surge Tank Site (Original Map Scale : 1/1,000)

DONO NAI No.4 POWERHOUSE SITE

DONO NAI No.3 AND No.4 COMBINED HYDROPOWER PROJECT (F/S)

DWG.NO.1



ADJOINING SHEETS

LEGEND

DESCRIPTION	SYMBOL
Control Point (FS)	⊙
Control Point (IV order traverse)	△
Control Point (1st grade traverse)	⊙
Control Point (Theodolite traverse)	▲
Cross-section Point	⊕
Spot Height	×
Bore Hole	⊕
Artificial Slope	
Road or Track	
Footpath	
Vegetation Boundary	
Bush or Forest	
River Bank	
Stream	
Waterfall	
Cliff	
Landslide	
Exposed Rock	
Water Edge like	

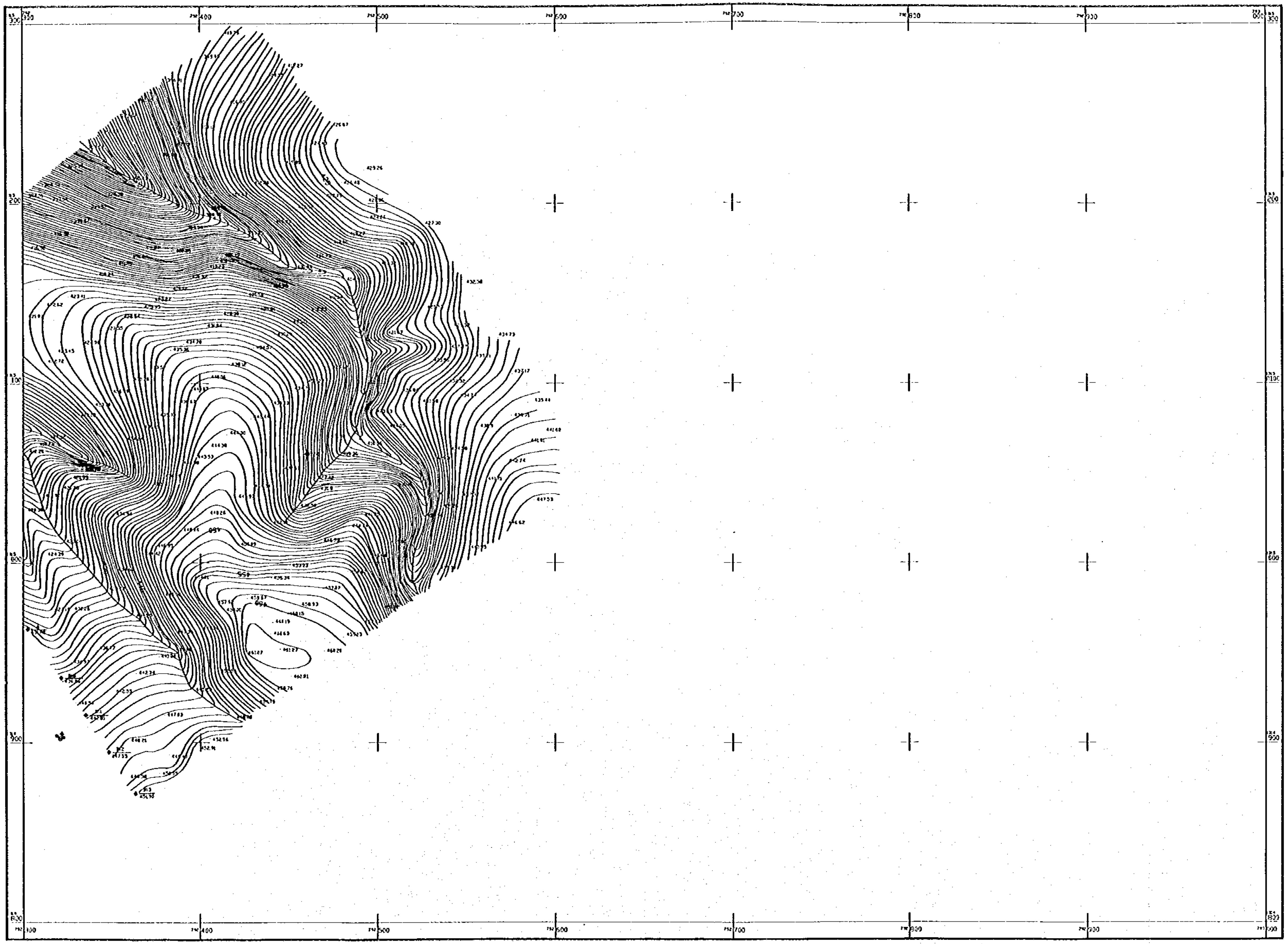
- This map made by ground survey
- Coordinate System Distance at ground elevation and refered to 1969 Indian UTM
- Height Datum Mean sea level at Ha Tien

DONG NAI No.3 & No.4 COMBINED HYDROPOWER PROJECT (F/S)	
SOCIALIST REPUBLIC OF VIET NAM ELECTRICITY OF VIET NAM	
JAPAN INTERNATIONAL COOPERATION AGENCY	
TOPOGRAPHIC MAP OF DONG NAI NO.4 POWERHOUSE	
Date: September 25,1999	Drawing No. TM-DN4-PH-S1

DONG NAI No.4 POWERHOUSE SITE

DONG NAI No.3 AND No.4 COMBINED HYDROPOWER PROJECT (F/S)

DN4PH-2



SCALE 1:1000

1 cm on the map corresponds to 10m in the field
Contour interval is 1meter

ADJOINING SHEETS

LEGEND

DESCRIPTION	SYMBOL
Control Point (F/S)	
Control Point (IV order traverse)	
Control Point (1st grade traverse)	
Control Point (Theodolite traverse)	
Cross-section Post	
Spot Height	
Bore Hole	
Artificial Slope	
Road or Track	
Footpath	
Vegetation Boundary	
Bush or Forest	
River Bank	
Stream	
Waterfall	
Cliff	
Landslide	
Exposed Rock	
Water Edge Line	

- This map made by ground survey
- Coordinate System Distance at ground elevation and refered to 1960 Indian UTM
- Height Datum Mean sea level at Ha Tien

DONG NAI No.3 & No.4 COMBINED HYDROPOWER PROJECT (F/S)

SOCIALIST REPUBLIC OF VIET NAM
ELECTRICITY OF VIET NAM

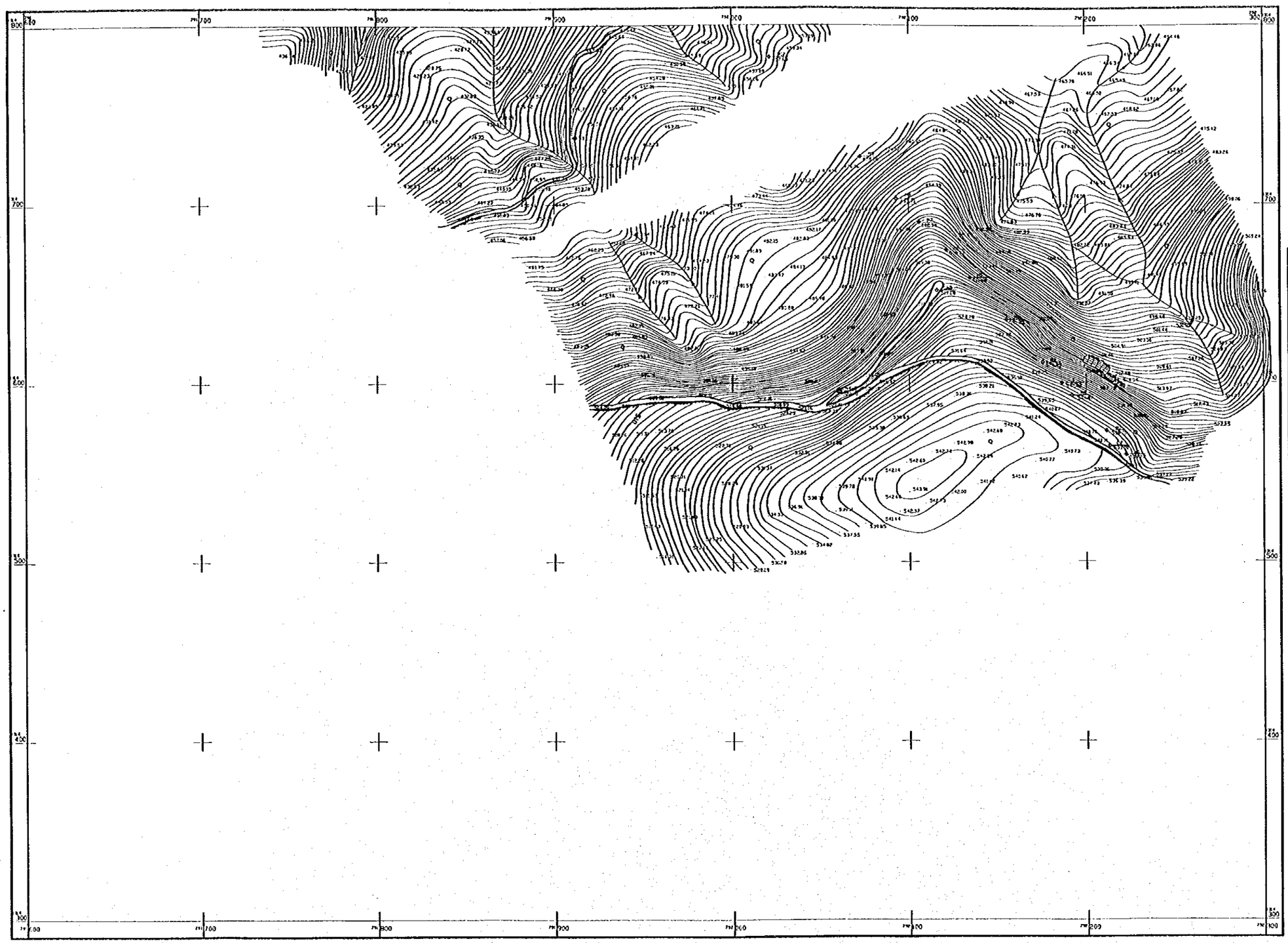
JAPAN INTERNATIONAL COOPERATION AGENCY

TOPOGRAPHIC MAP OF
DONG NAI NO.4 POWERHOUSE

DONG NAI No.3 AND No.4 COMBINED HYDROPOWER PROJECT (F/S)

DONG NAI No.4 POWERHOUSE SITE

DN4PH-3



ADJOINING SHEETS

LEGEND

DESCRIPTION	SYMBOL
Control Point (GPS)	● DN1-2 345.458
Control Point (IV order traverse)	△ IV-15 345.458
Control Point (1st grade traverse)	□ I-CP01 345.678
Control Point (theodolite traverse)	◆ K22 345.678
Cross-section Point	● CS-K21 345.67
Spot Height	×355.78
Bore Hole	● BD9-68 345.67
Artificial Slope	
Road or Track	
Footpath	
Vegetation Boundary	
Bush or Forest	
River Bank	
Stream	
Waterfall	
Cliff	
Landslide	
Exposed Rock	
Water Edge line	

- This map made by ground survey
- Coordinate System: Distance at ground elevation and refered to 1968 Indian UTM
- Height Datum: Mean sea level at Ha Tien

DONG NAI No.3 & No.4 COMBINED HYDROPOWER PROJECT (F/S)

SOCIALIST REPUBLIC OF VIET NAM
ELECTRICITY OF VIET NAM

JAPAN INTERNATIONAL COOPERATION AGENCY

TOPOGRAPHIC MAP OF
DONG NAI NO.4 POWERHOUSE

Date: September 25,1999 | Drawing No. TM-DN4-PH-S3

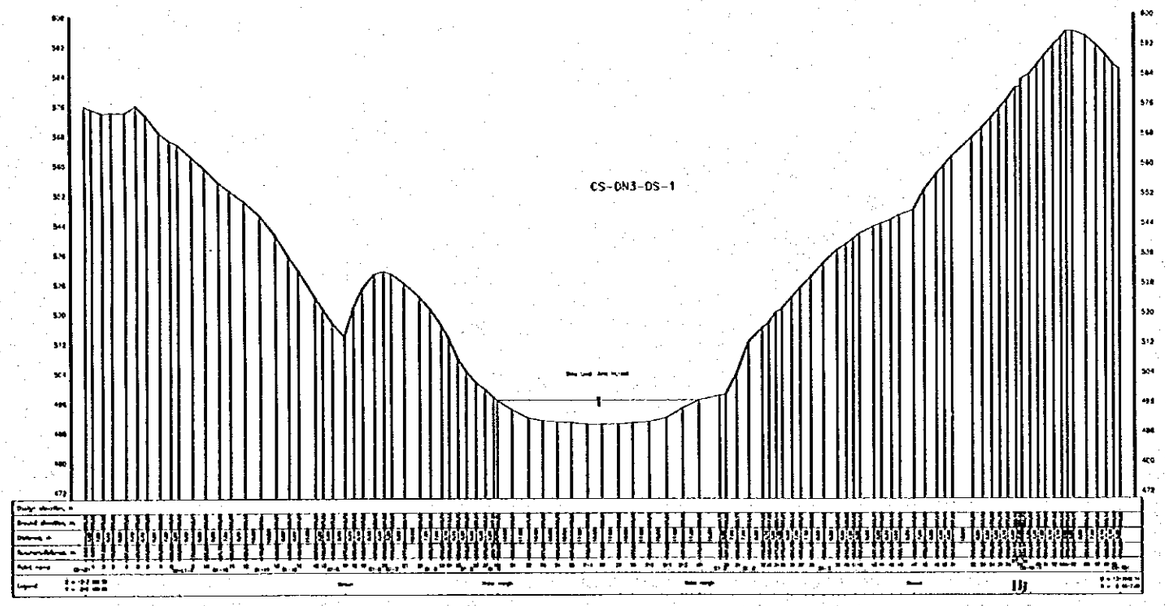
SCALE 1:1000

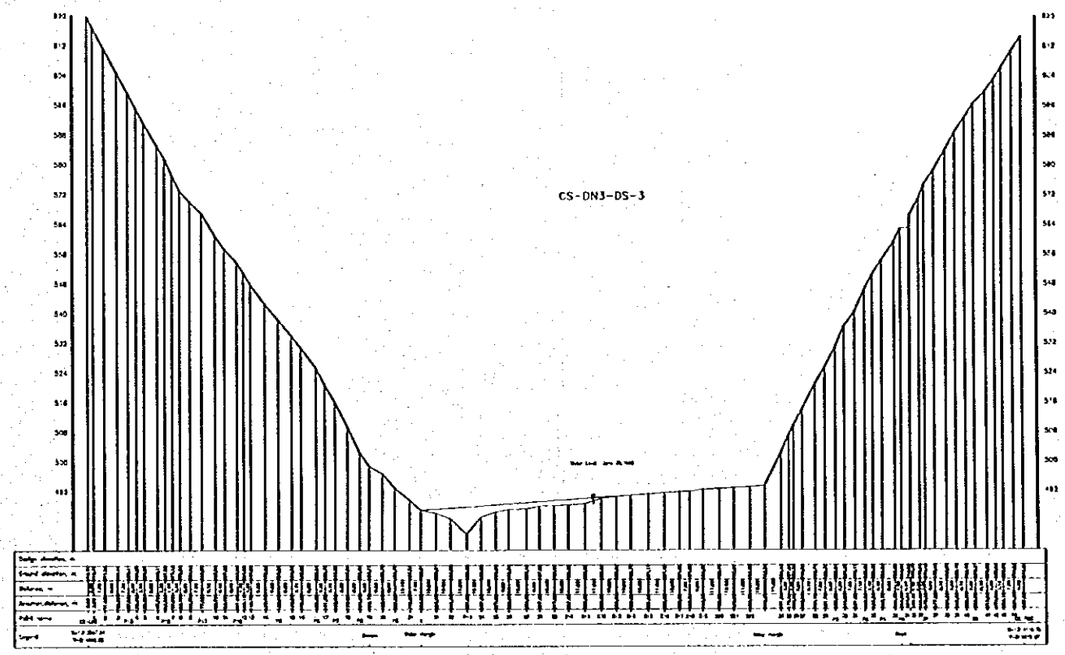
0 10 20 30 40 50 60 70 80 90 100m

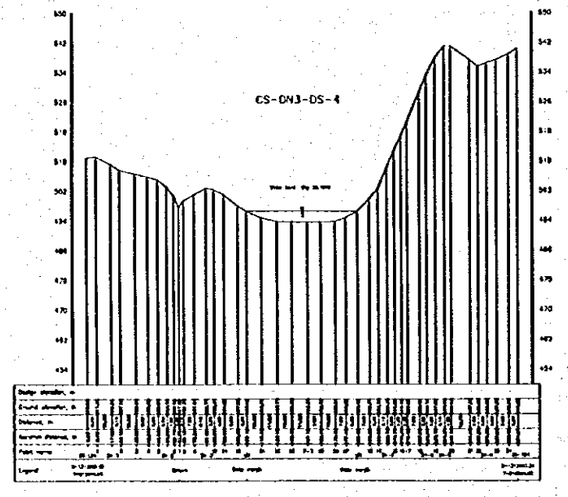
1 cm on the map corresponds to 10m in the field
Contour interval is 1meter

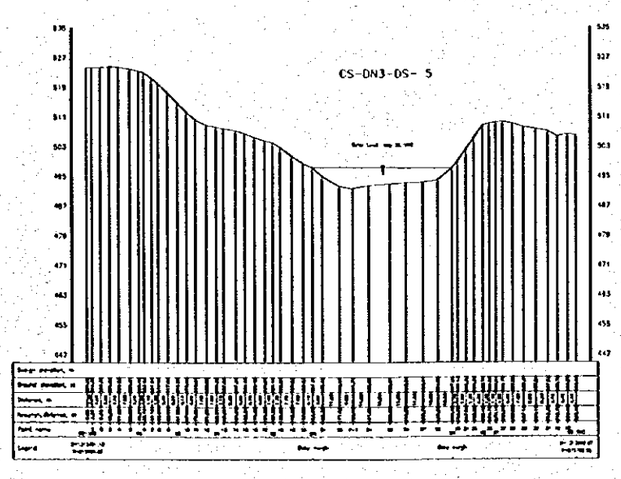
Attachment B5

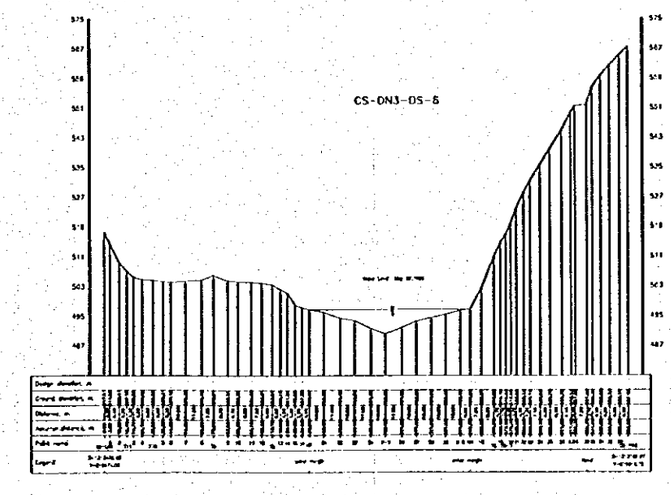
River Cross Sections and Longitudinal Profiles at Dong Nai No.3 Dam Site and Powerhouse Site

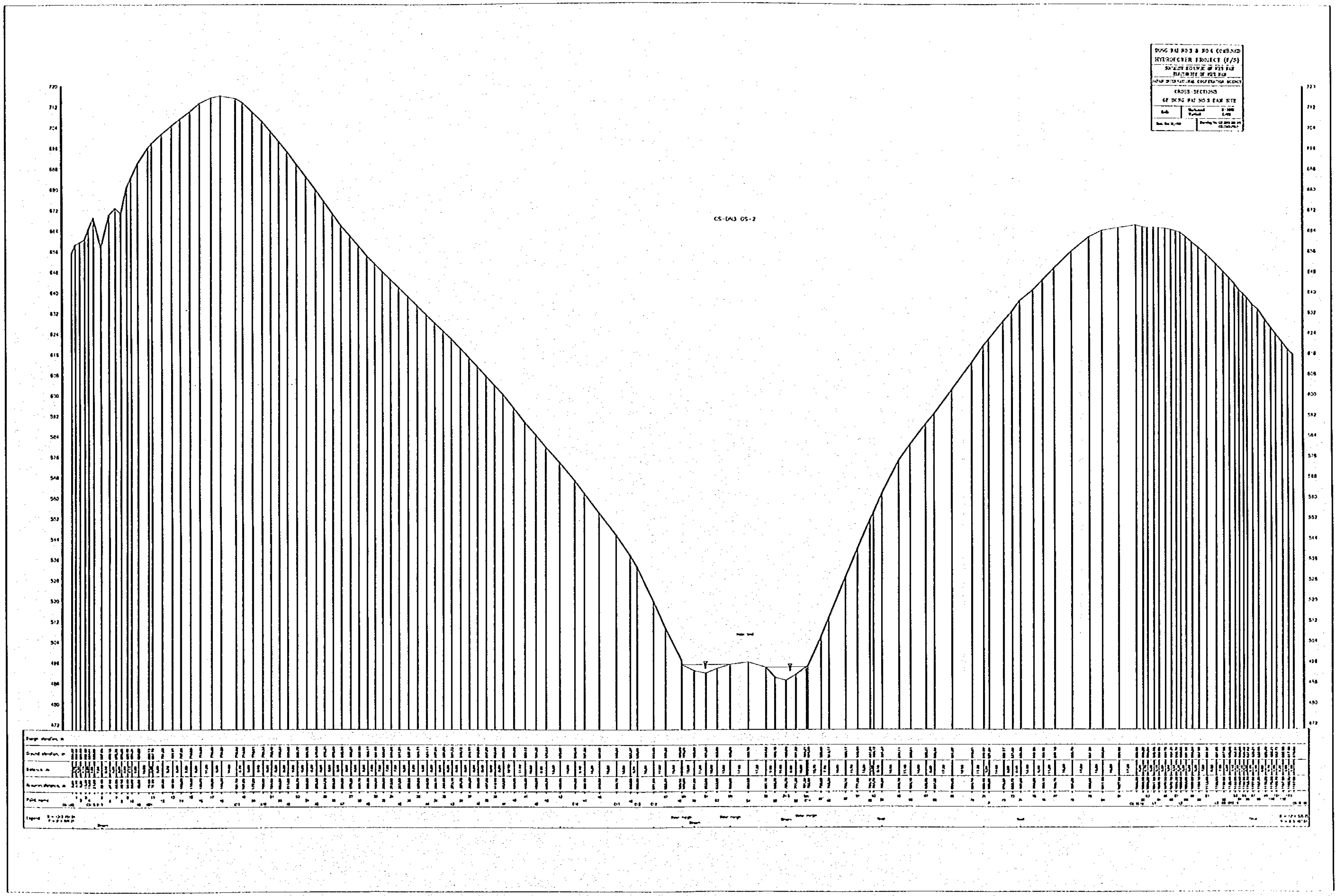

CS-DN3-DS-1


CS-DN3-DS-3

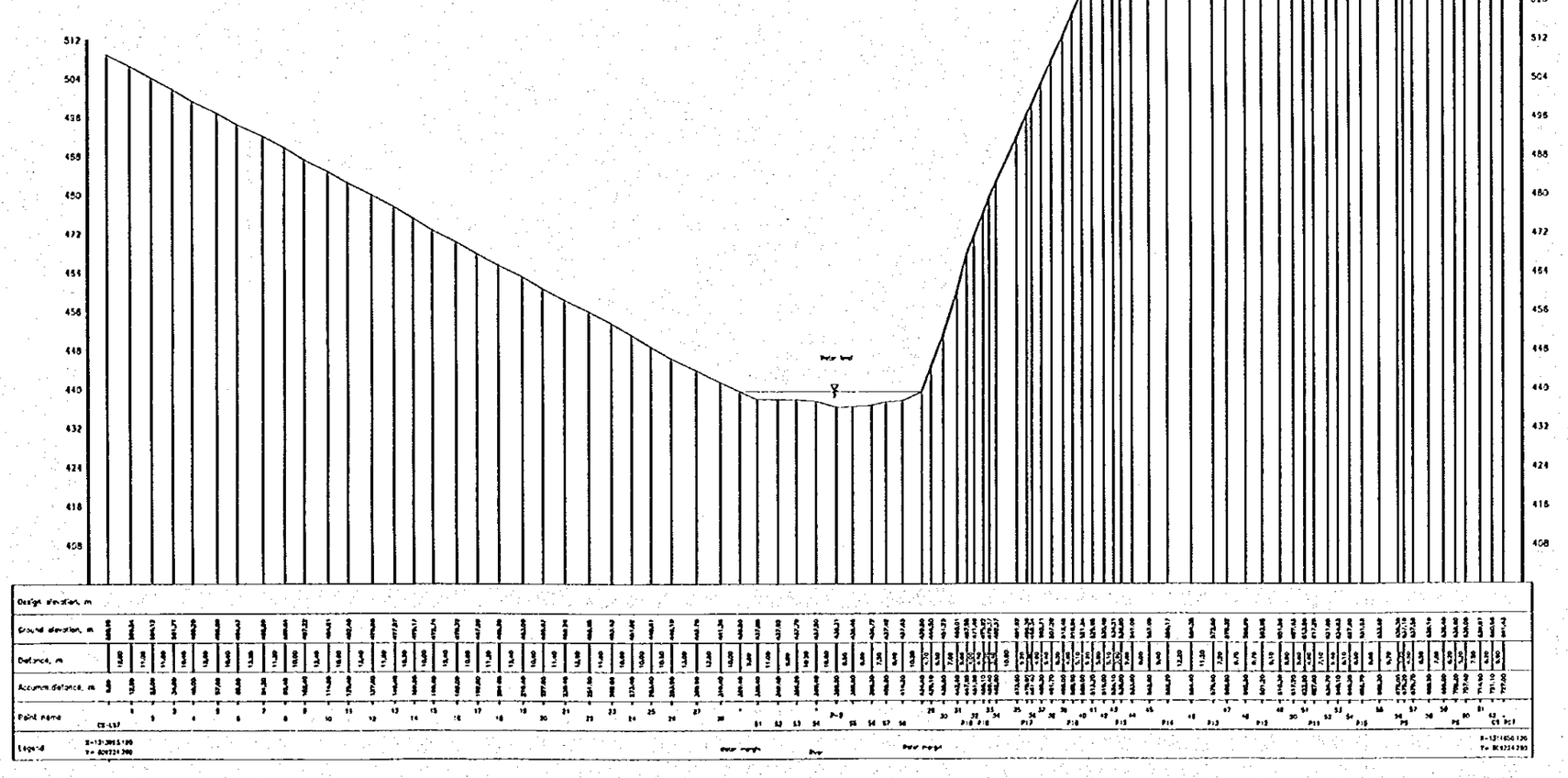

CS-DN3-DS-4


CS-DN3-DS- 5


CS-DN3-DS-6


HYDROPOWER PROJECT (F/S)
CROSS - SECTIONS
CS-DN3 DS-2

CS-DN3-PH-1



DONG NAI NO.3 & NO.4 COMBINED HYDROPOWER PROJECT (F/S)

SOCIALIST REPUBLIC OF VIET NAM
ELECTRICITY OF VIET NAM

JAPAN INTERNATIONAL COOPERATION AGENCY

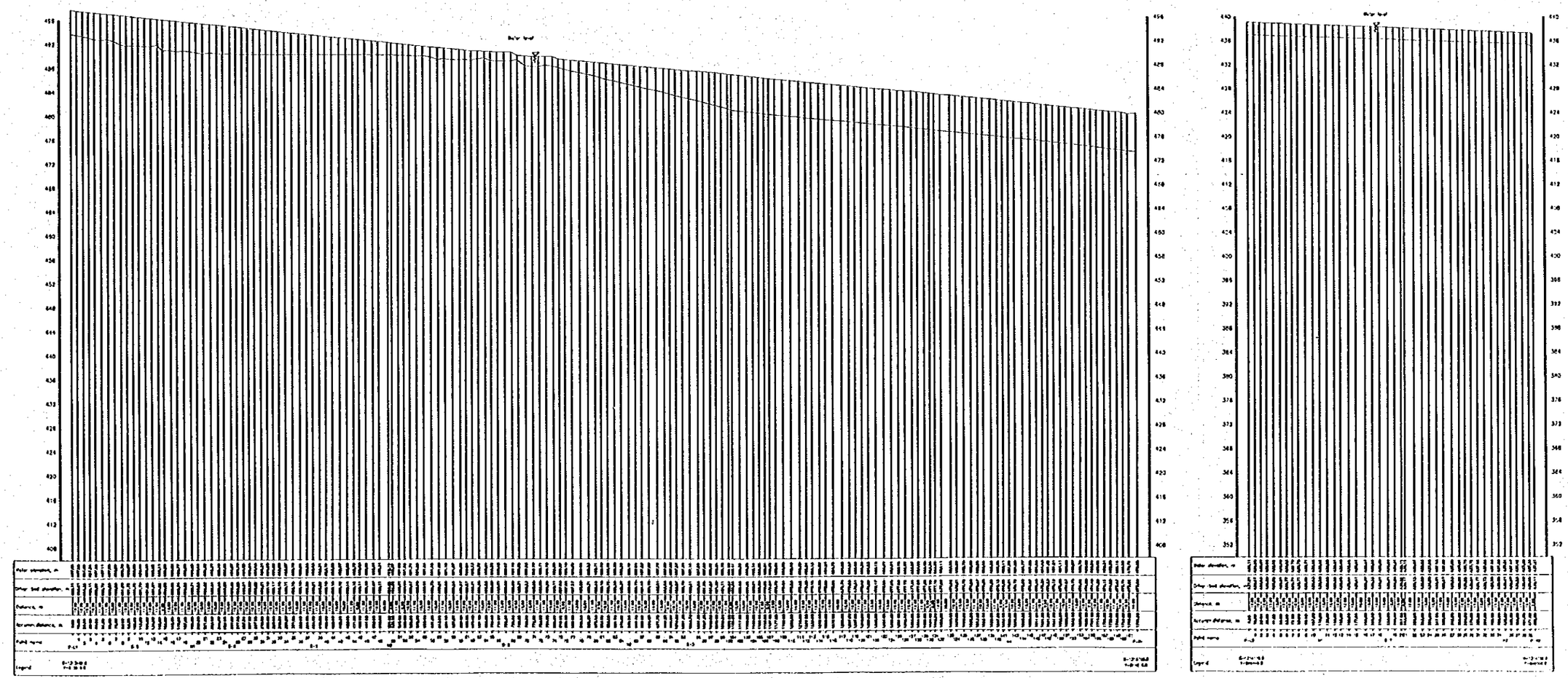
CROSS SECTION OF DONG NAI NO.3 POWERHOUSE

Scale: Horizontal 1:1000, Vertical 1:500

Drawing No. CS-DN3-PH-1

LP-DN3-DS1

LP-DN3-PH1



Attachment B6

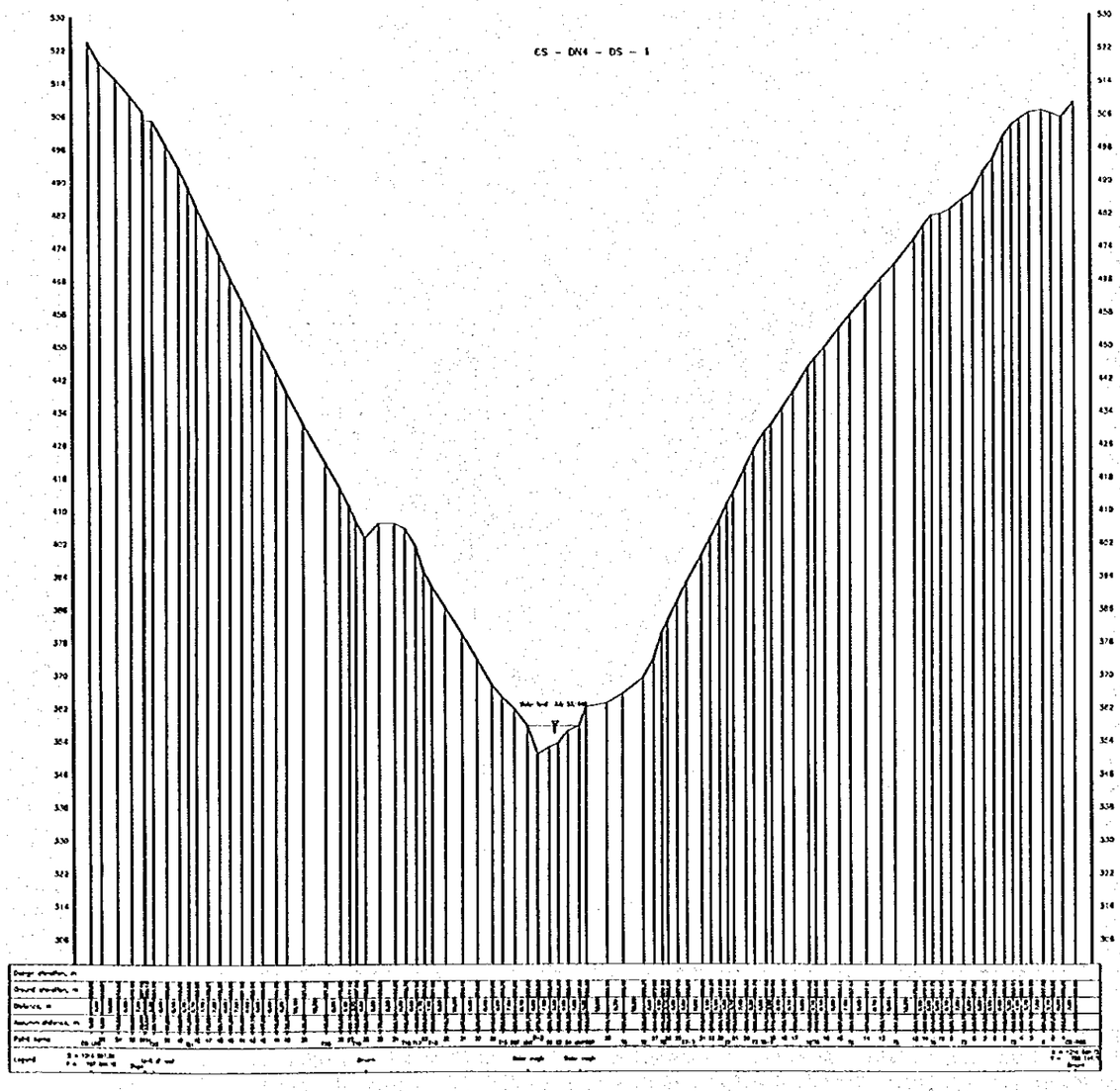
River Cross Sections and Longitudinal Profiles at Dong Nai No.4 Dam Site and Powerhouse Site

DONG NAI NO 3 & NO 4 COMBINED HYDROPOWER PROJECT (F/S)

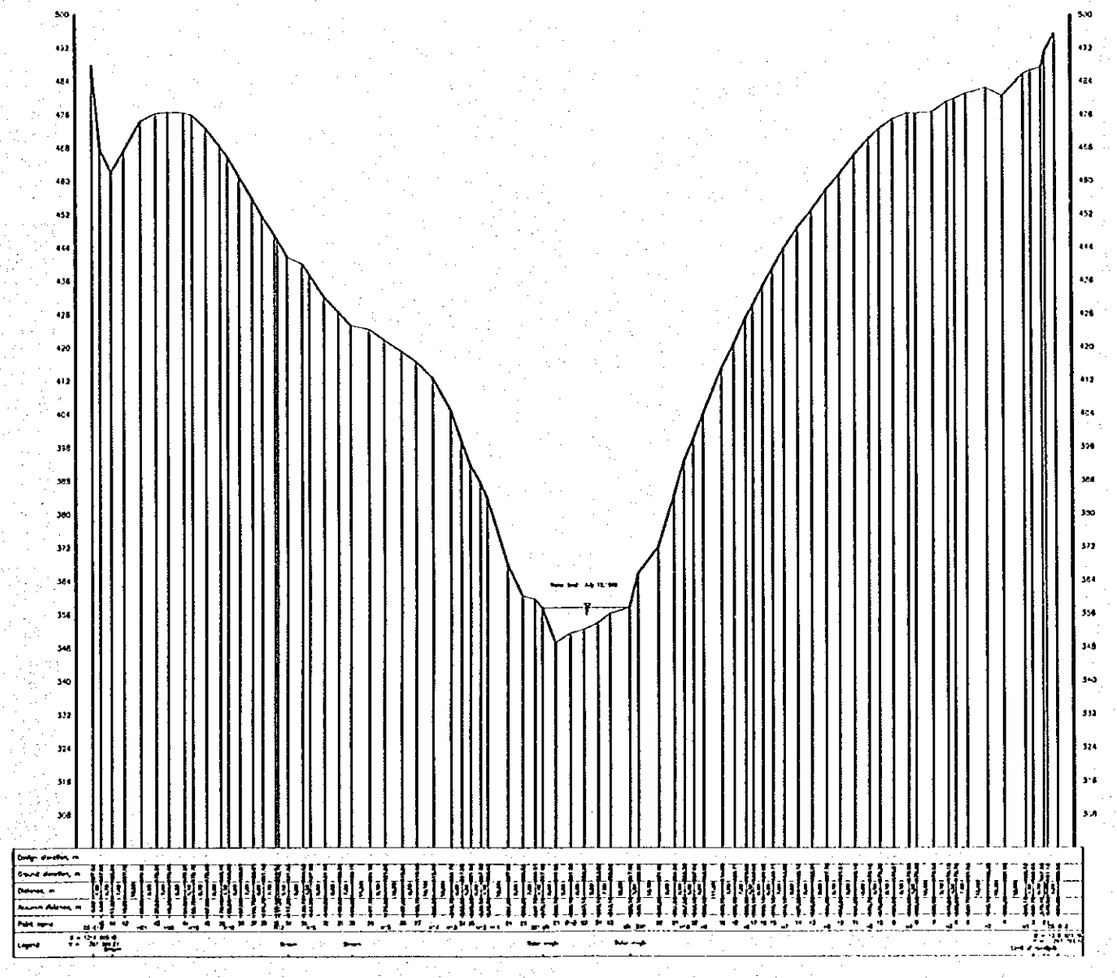
KOREA INTERNATIONAL CO-OPERATION AGENCY

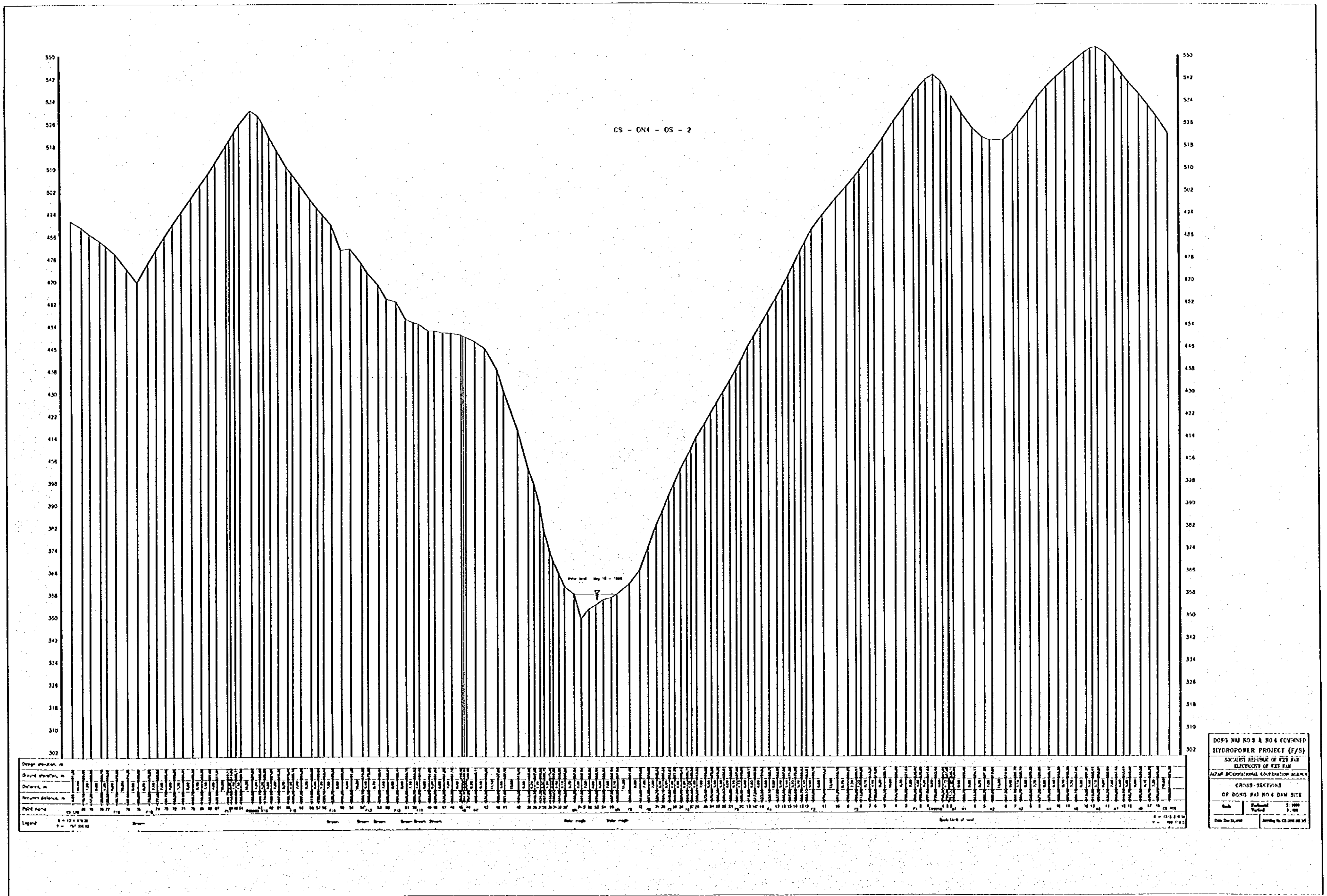
CROSS SECTIONS OF DONG NAI NO 4 DAM SITE

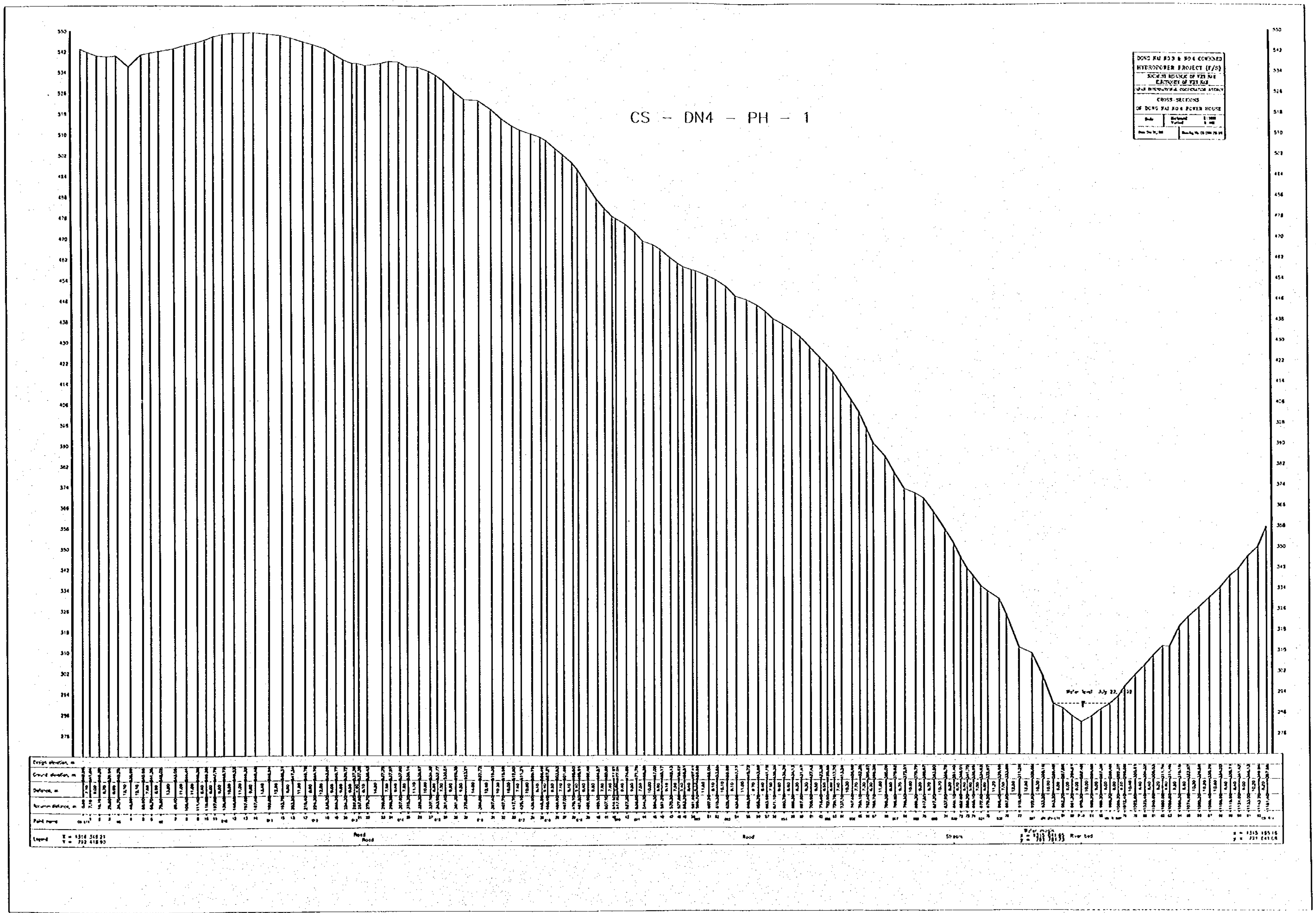
CS - DN4 - DS - 1



CS - DN4 - DS - 3




CS - DN4 - DS - 2
DONG NAI NO 3 & NO 4 COMBINED
HYDROPOWER PROJECT (F/S)
CROSS - SECTIONS
OF DONG NAI NO 4 DAM SITE


CS – DN4 – PH – 1
HYDROPOWER PROJECT (F/S)
CROSS-SECTIONS

DONG NAI NO.3 & NO.4 COMBINED HYDROPOWER PROJECTS (F/S)

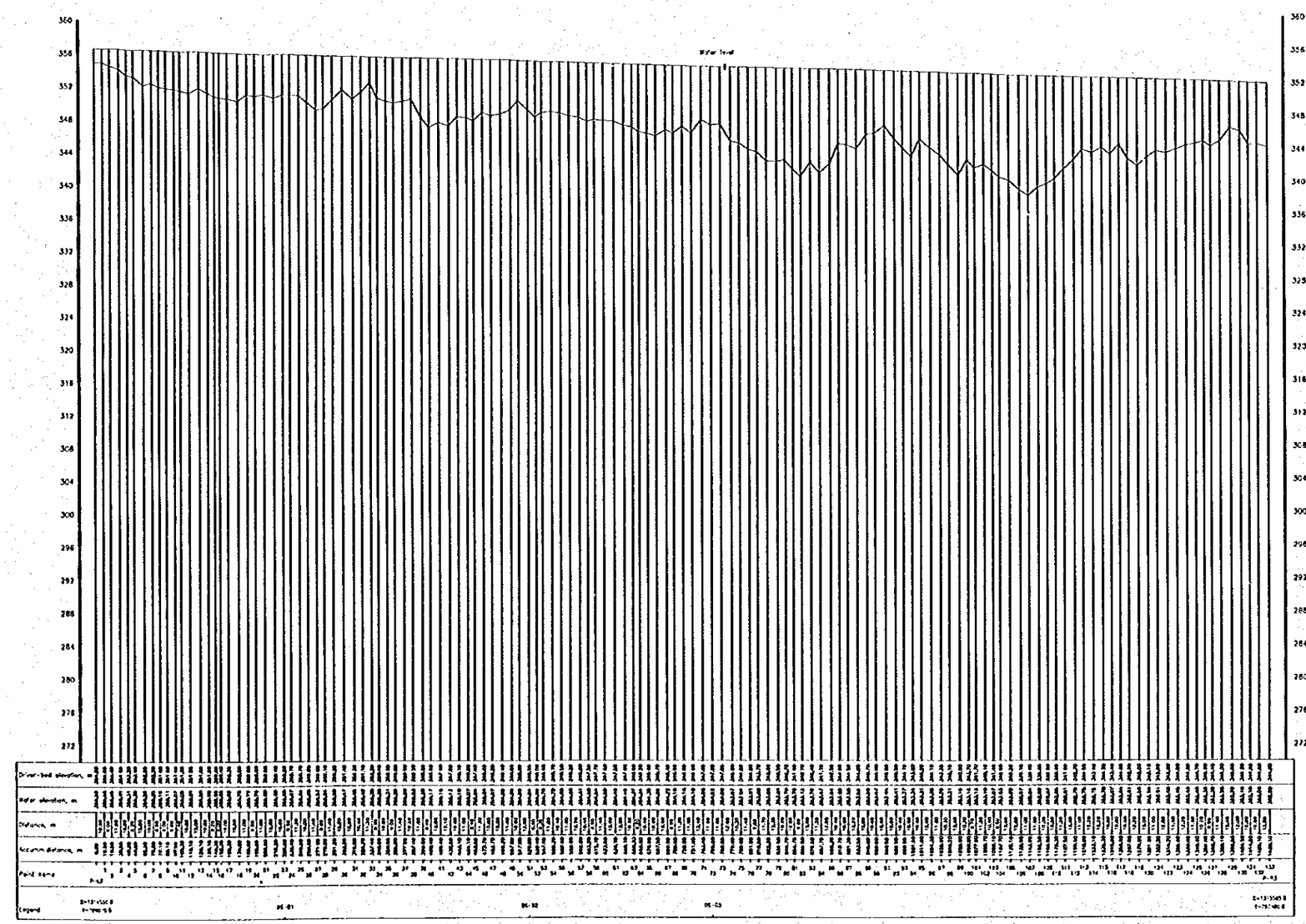
SOCIALIST REPUBLIC OF VIET NAM
ELECTRICITY OF VIET NAM

JAPAN INTERNATIONAL COOPERATION AGENCY

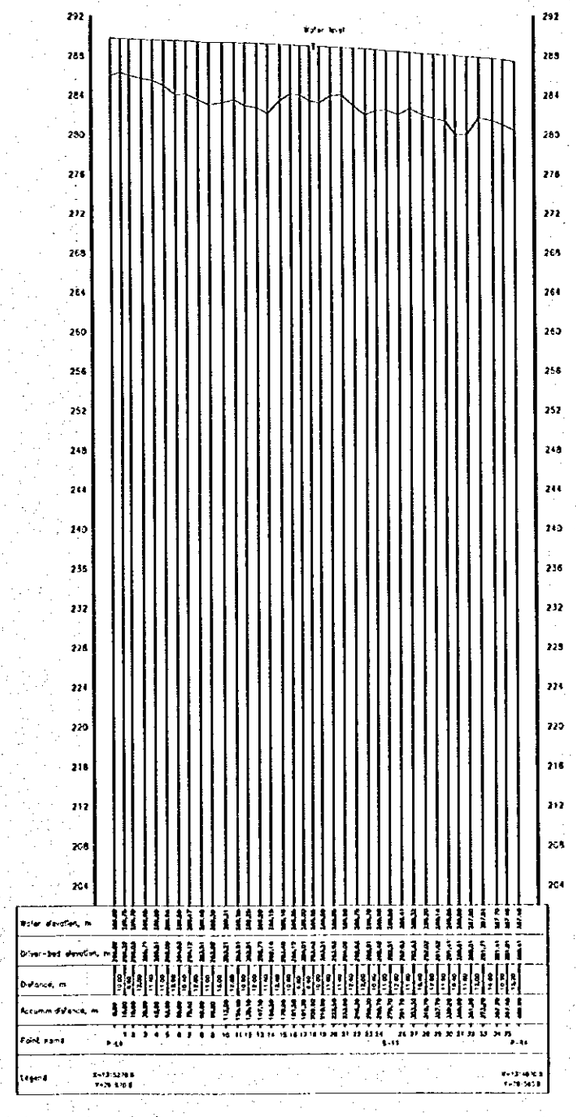
LONGITUDINAL PROFILES
OF DONG NAI NO.4 PROJECT

Scale	Horizontal	1:2000
	Vertical	1:200
Date: Oct. 31 1999	Drawing No. LP-DN4-DS1 Drawing No. LP-DN4-DH1	

LP-DN4-DS-1



LP-DN4-DH1



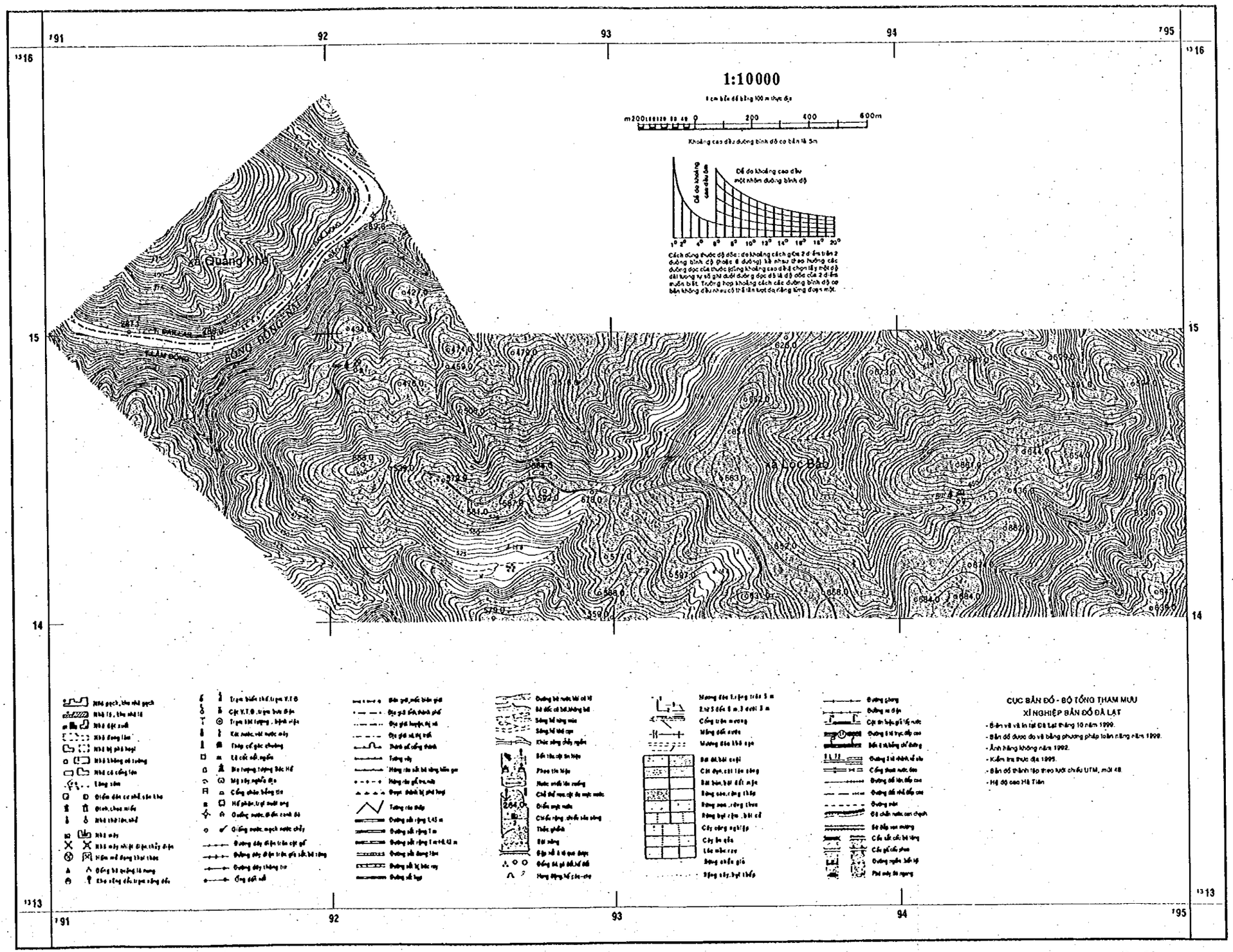
Attachment B7

Topographic Maps for Dong Nai No.4 Reservoir Area Newly Produced by EVN (Original Map Scale : 1/10,000)

ĐAK LAK _ ĐAK NÔNG
LÂM ĐỒNG _ BẢO LÂM

THỦY ĐIỆN ĐỒNG NAI 4

TỜ SỐ 1



ĐAK LAK .. ĐAK NÔNG
LÂM ĐỒNG .. BẢO LÂM

THỦY ĐIỆN ĐỒNG NAI 4

TỜ SỐ 2