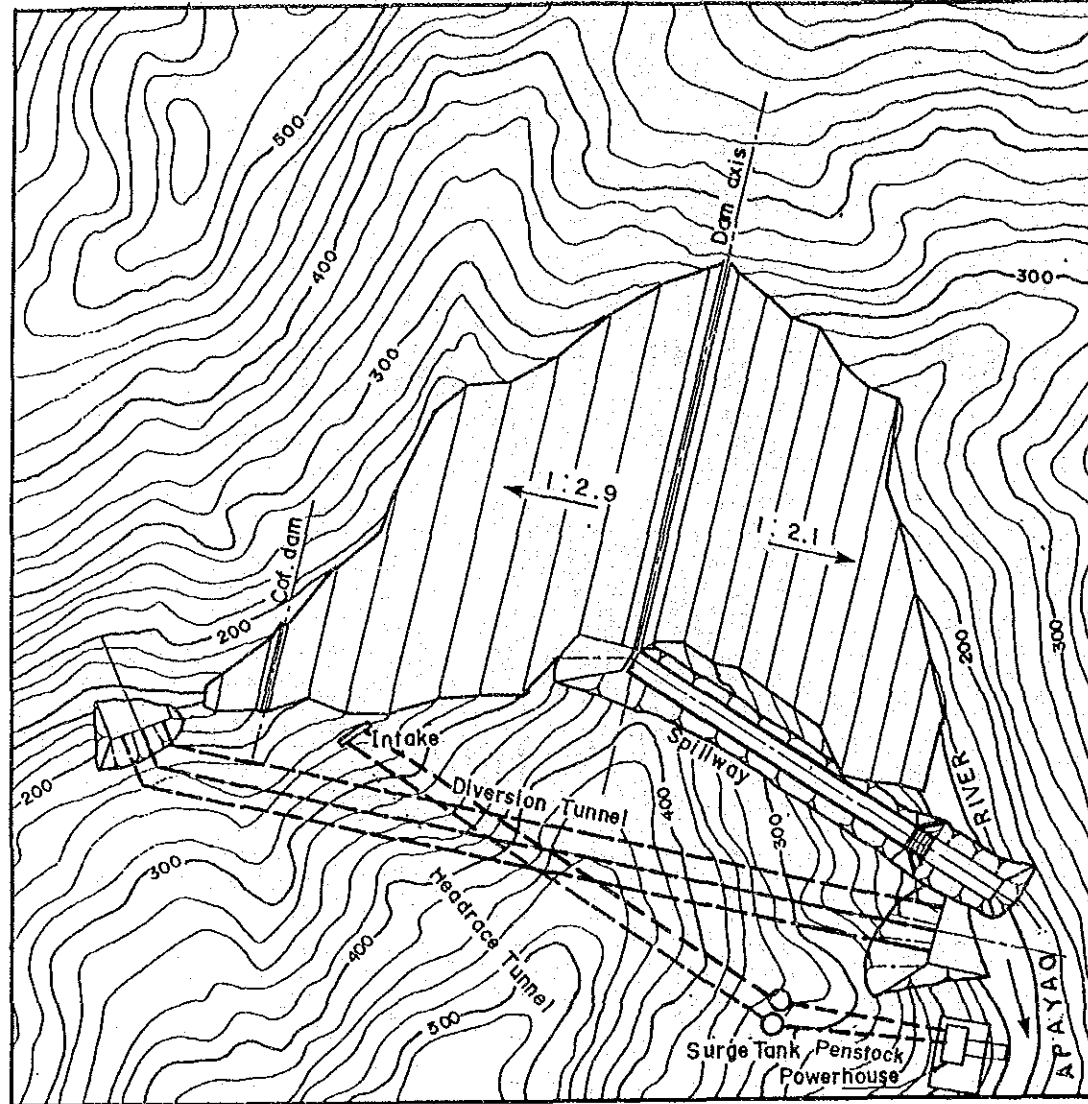


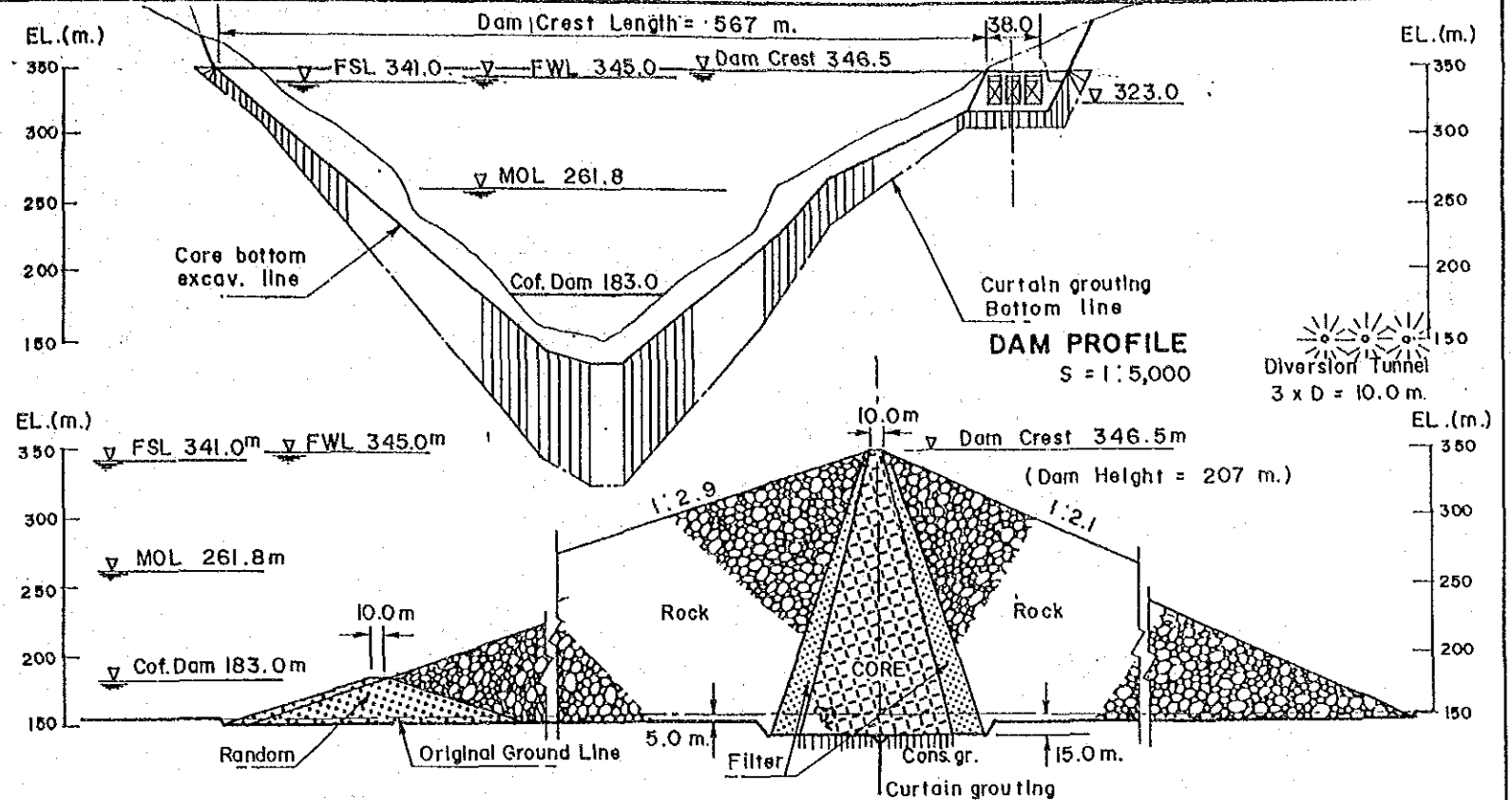
LEGEND:
 ■ SUB STATION
 — TRANSMISSION LINE

SCALE: 0 1 2 3 4 5 10 15 km.
 1:280,000 m.

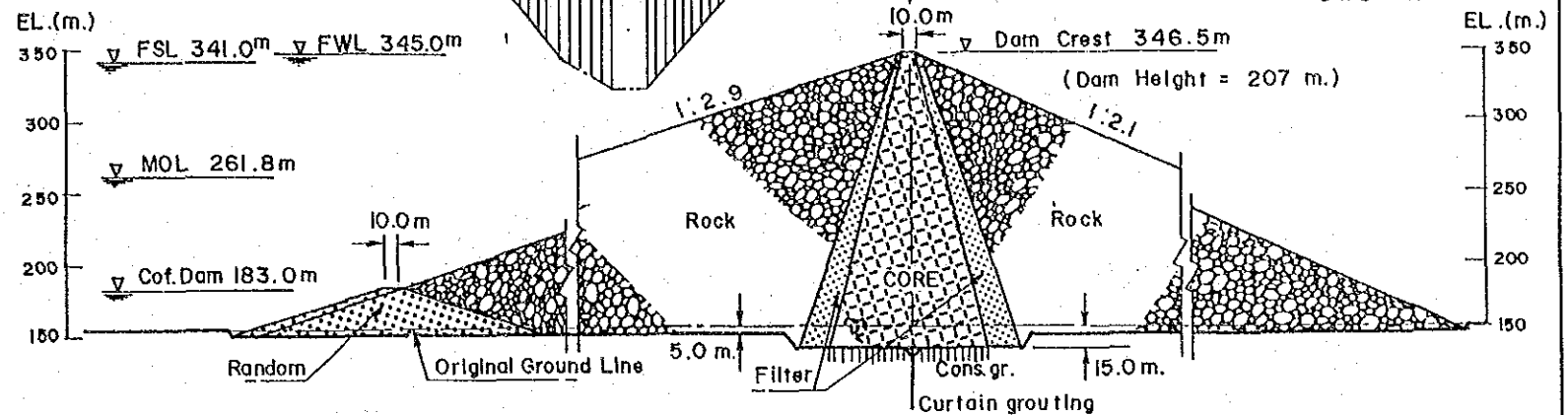
NATIONAL POWER CORPORATION	
SCHEME ID. NO.	2-006-01-05-0-1
DIBAGAT LOCATION MAP	
DATE	DRWG. NO. 28
JAPAN INTERNATIONAL COOPERATION AGENCY	



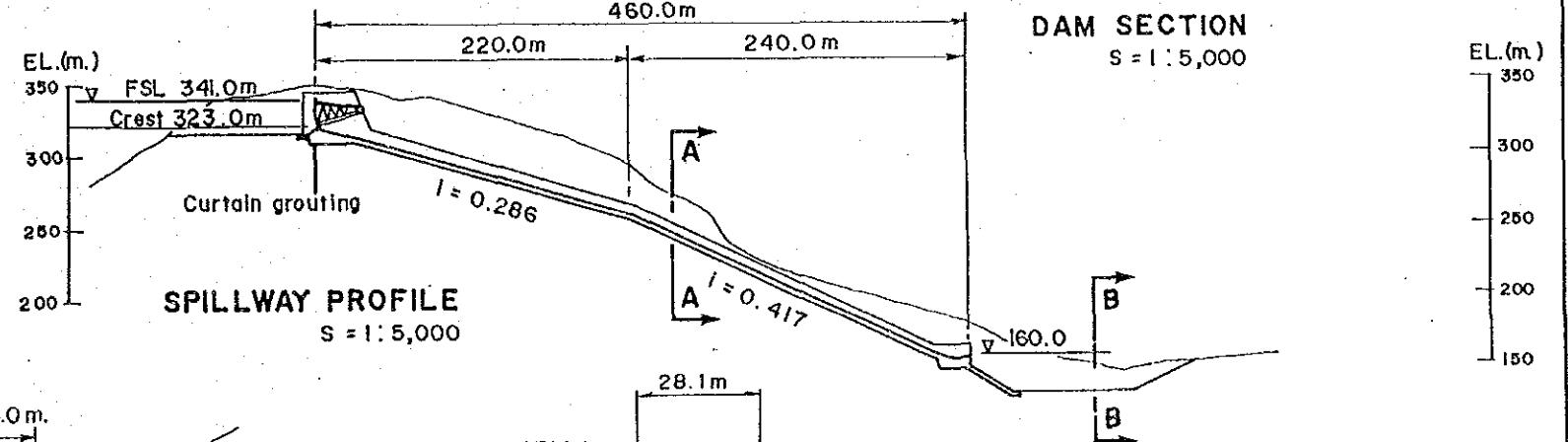
DAM PLAN S = 1:10,000



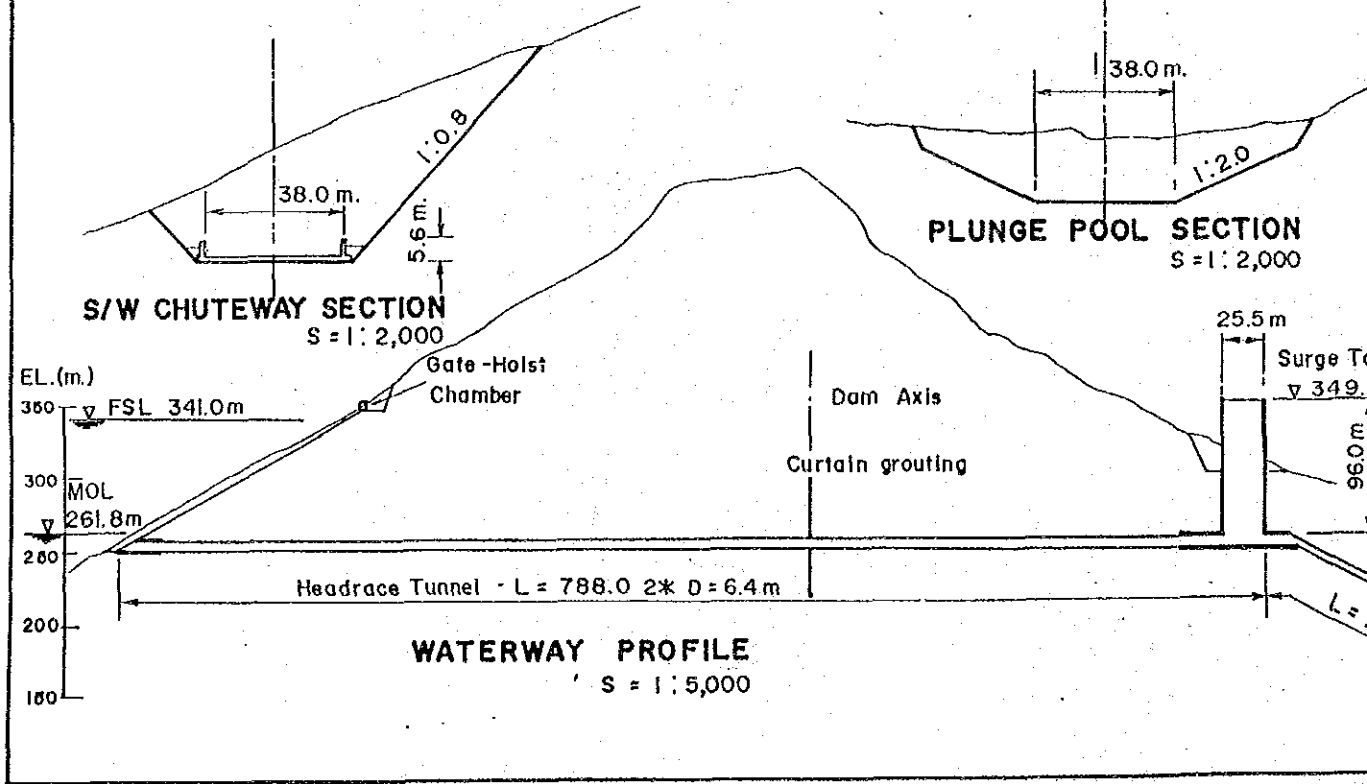
DAM PROFILE
S = 1:5,000



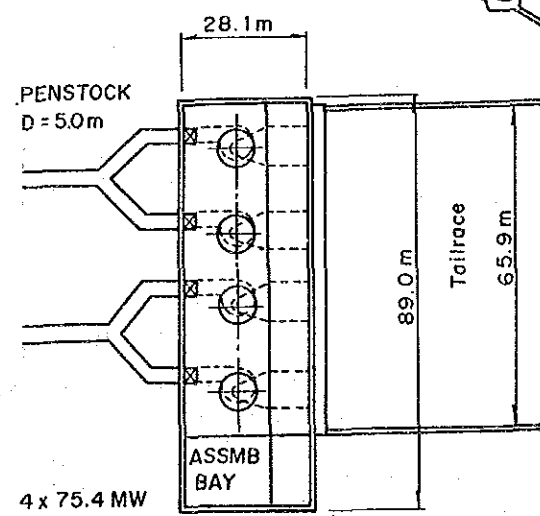
DAM SECTION
S = 1:5,000



SPILLWAY PROFILE
S = 1:5,000

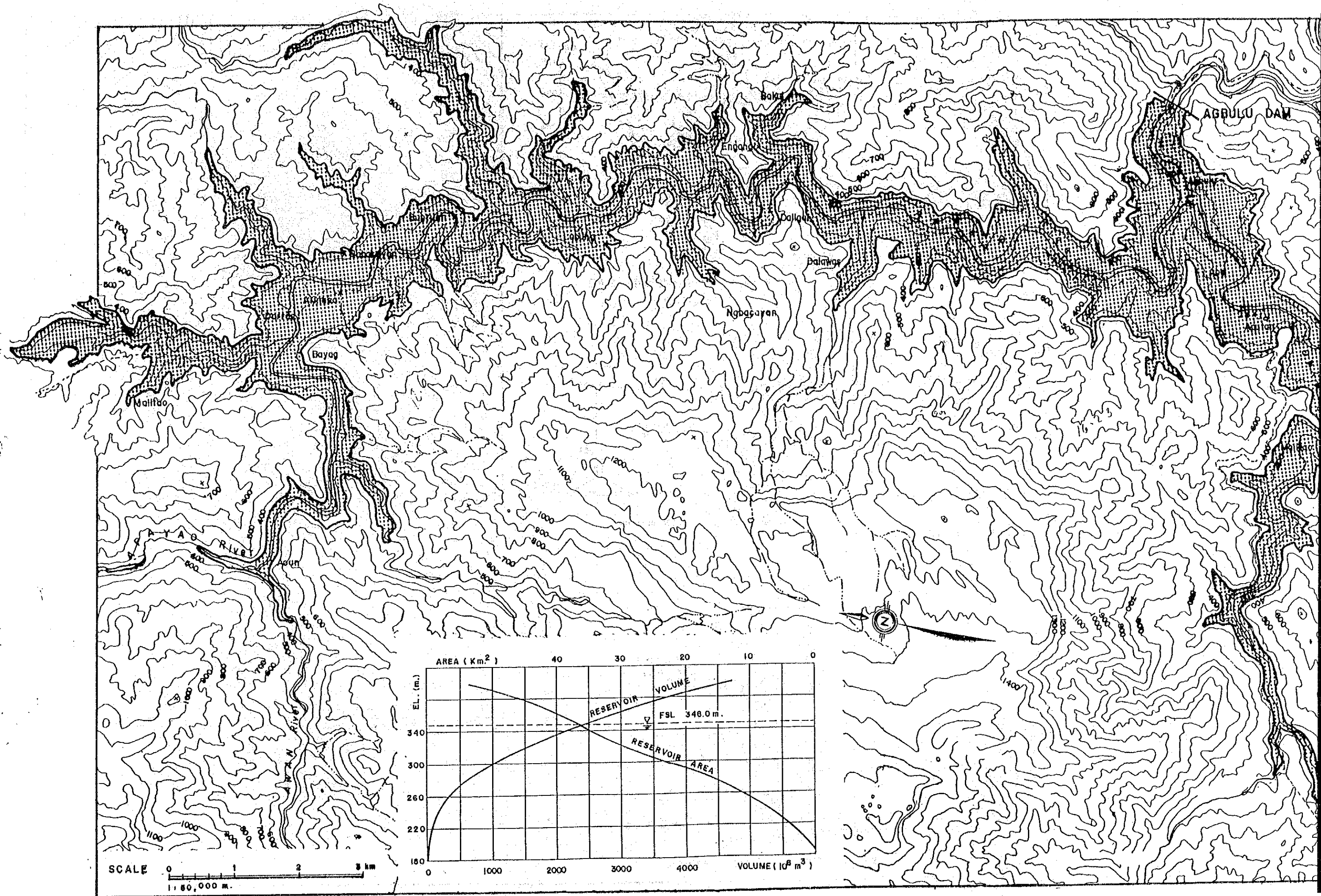


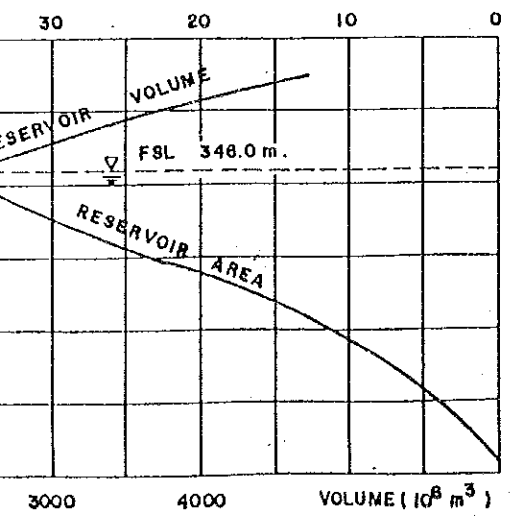
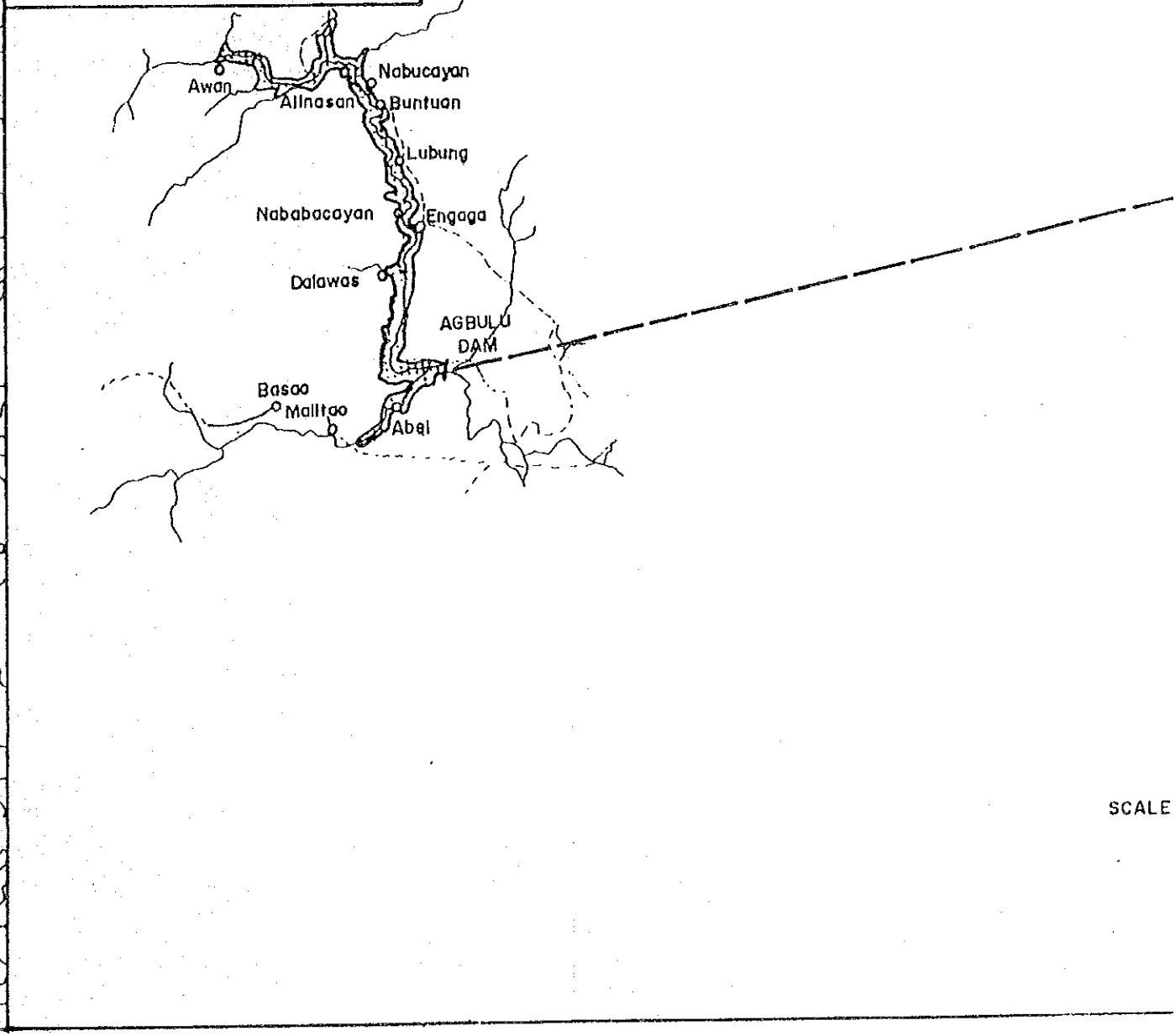
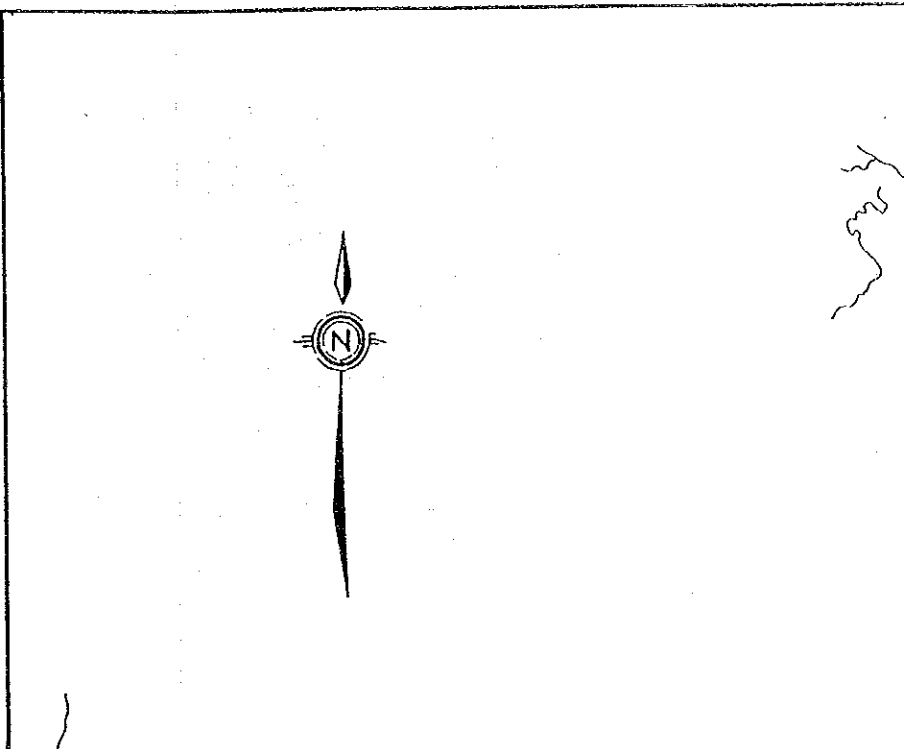
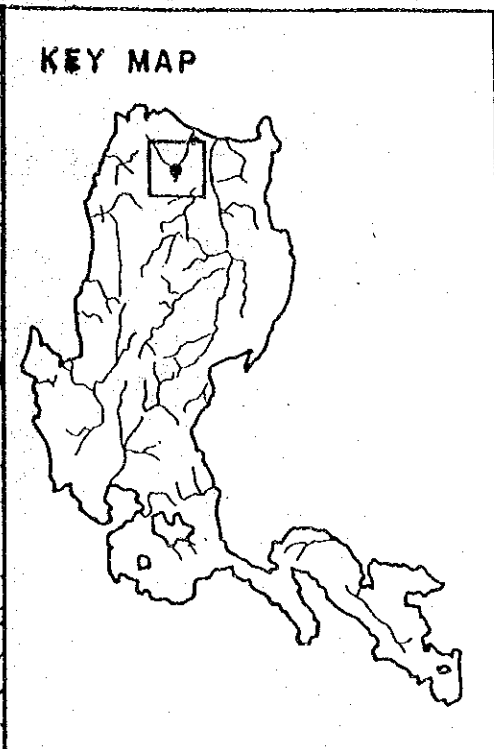
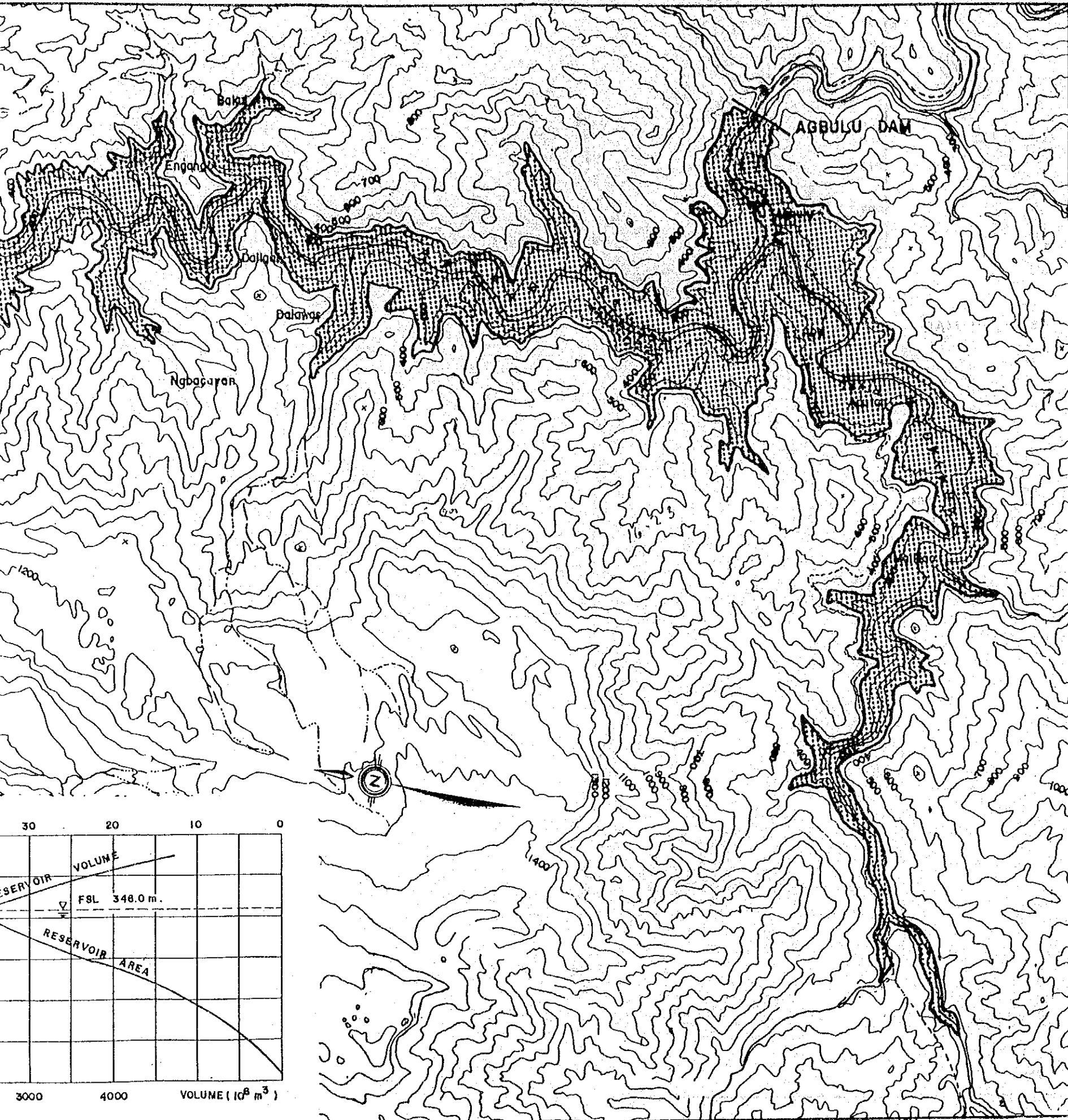
WATERWAY PROFILE
S = 1:5,000



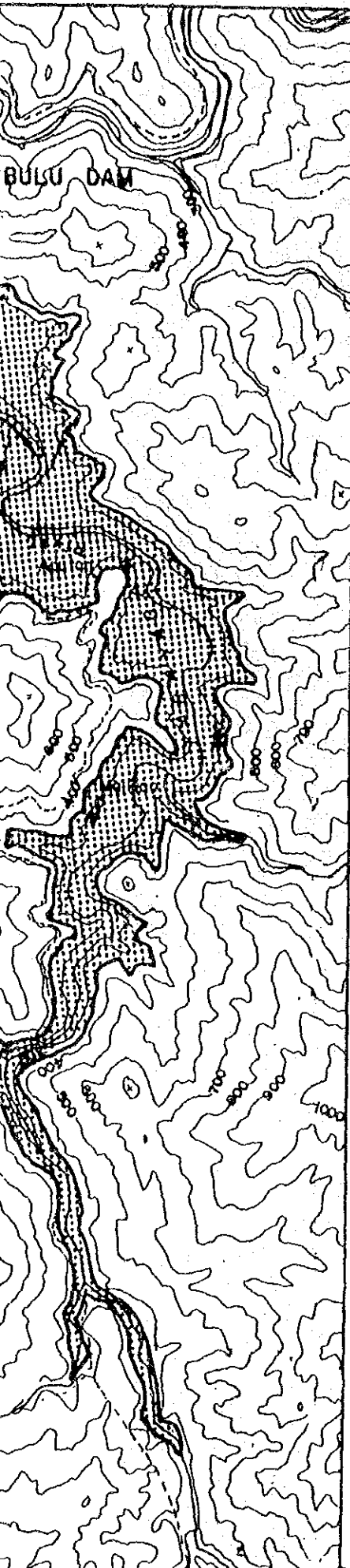
POWER HOUSE PLAN S = 1:2,000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-006-01-05-0-1		
DIBAGAT GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	29
JAPAN INTERNATIONAL COOPERATION AGENCY			

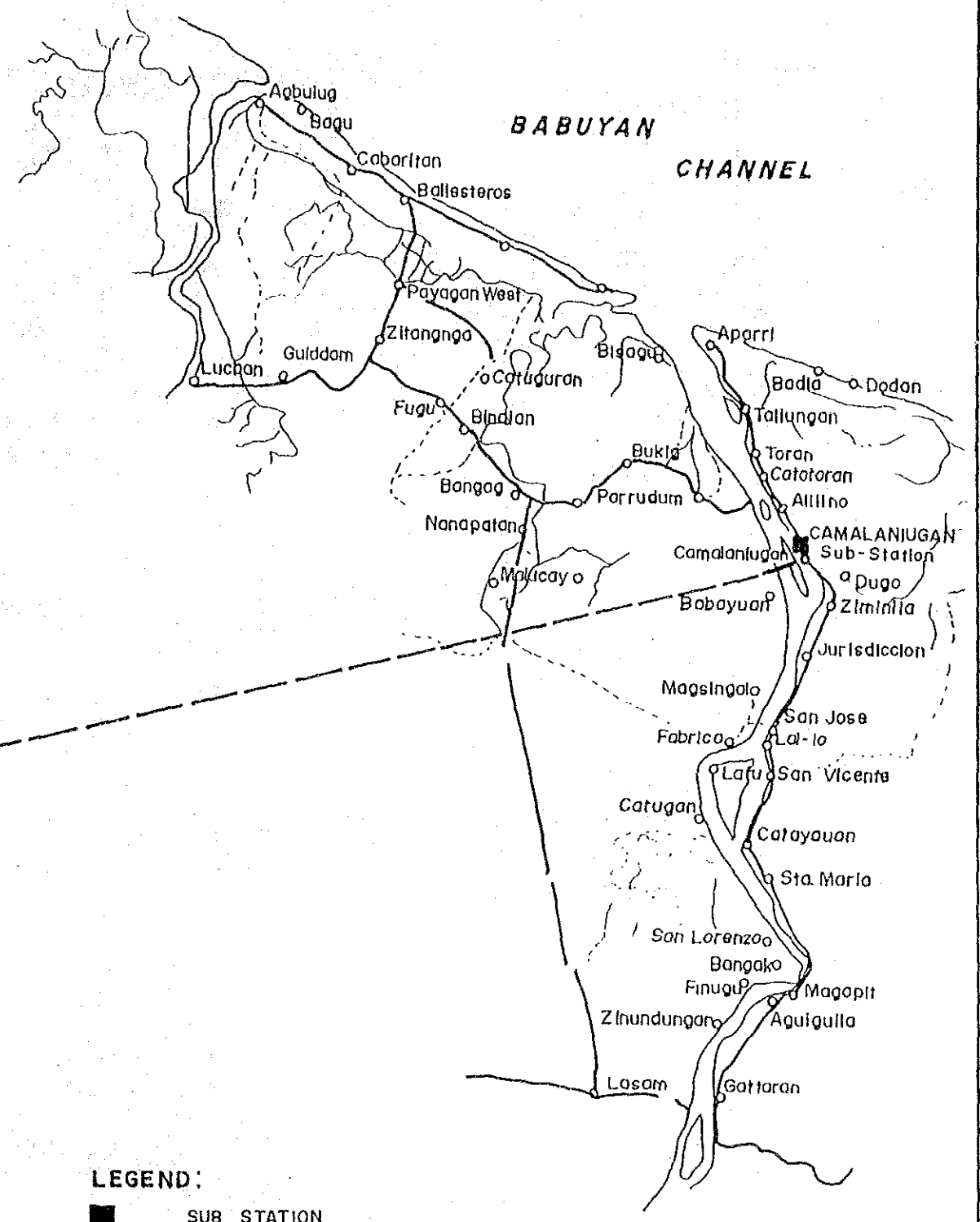
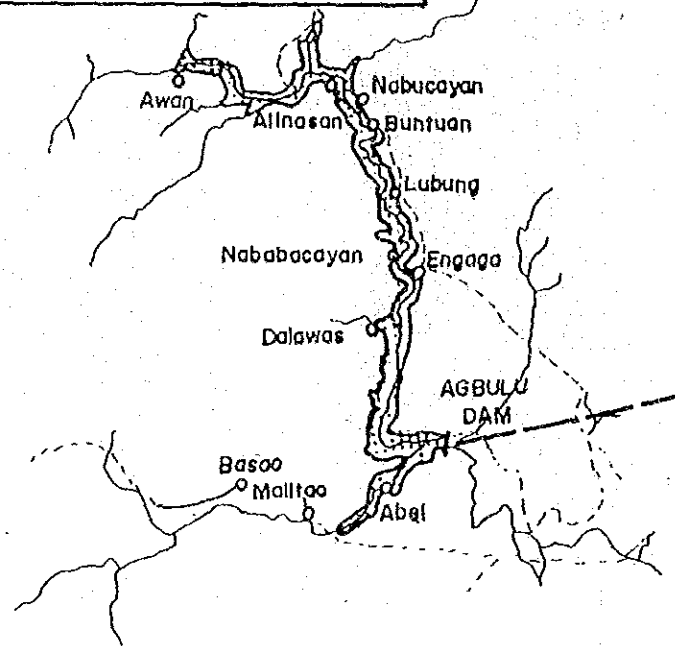
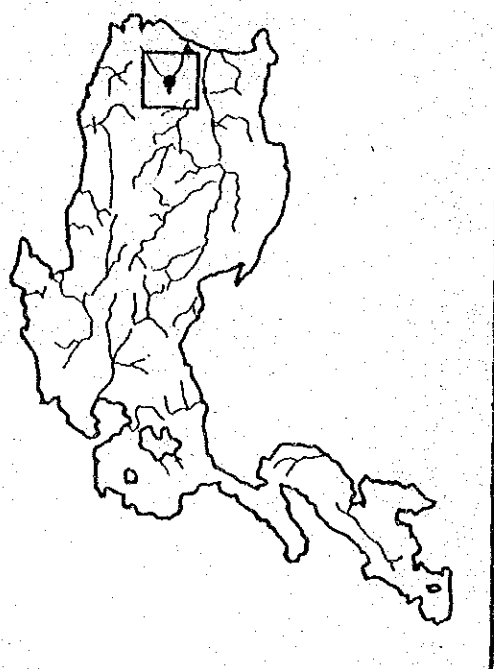




SCALE



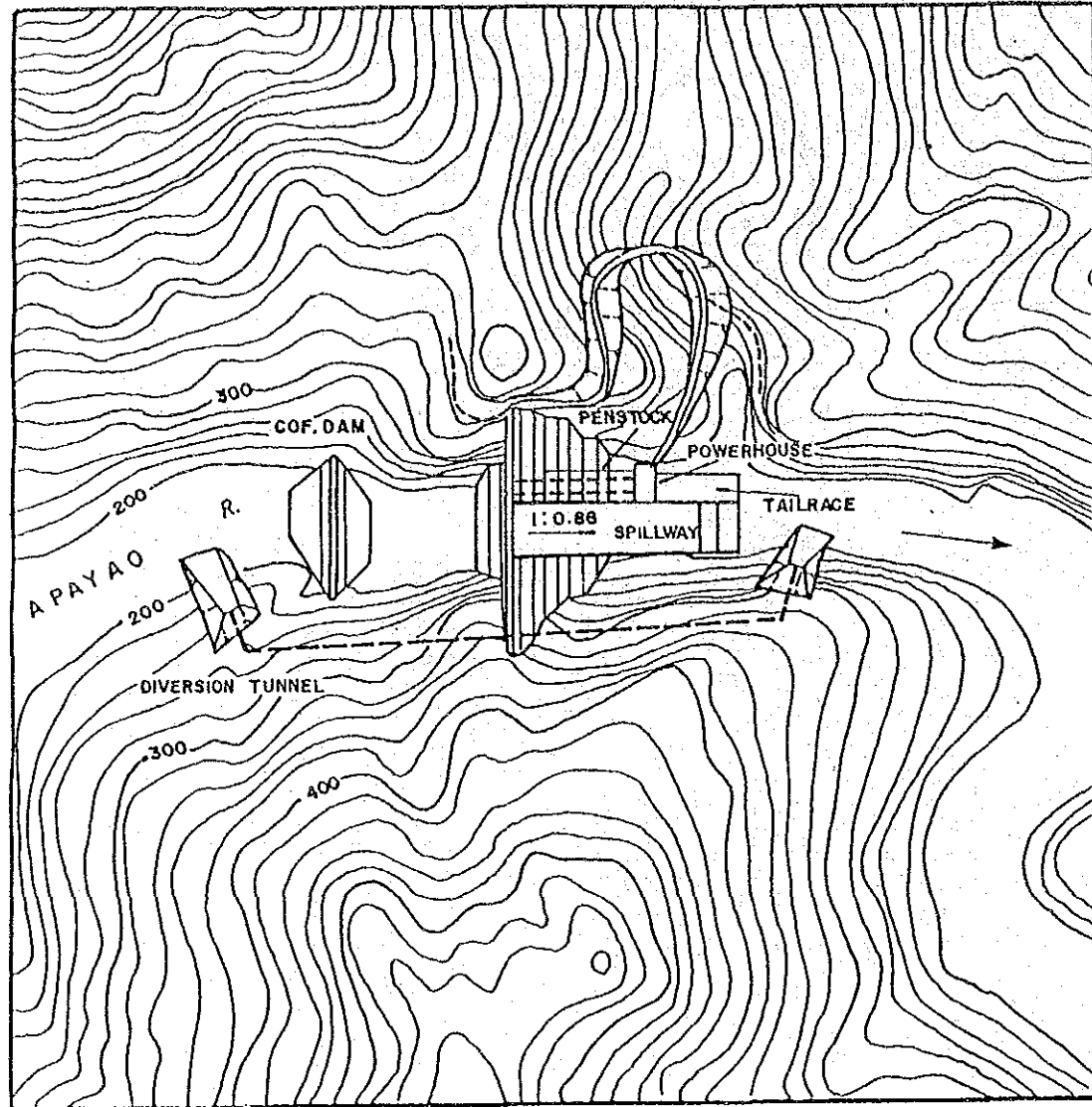
KEY MAP



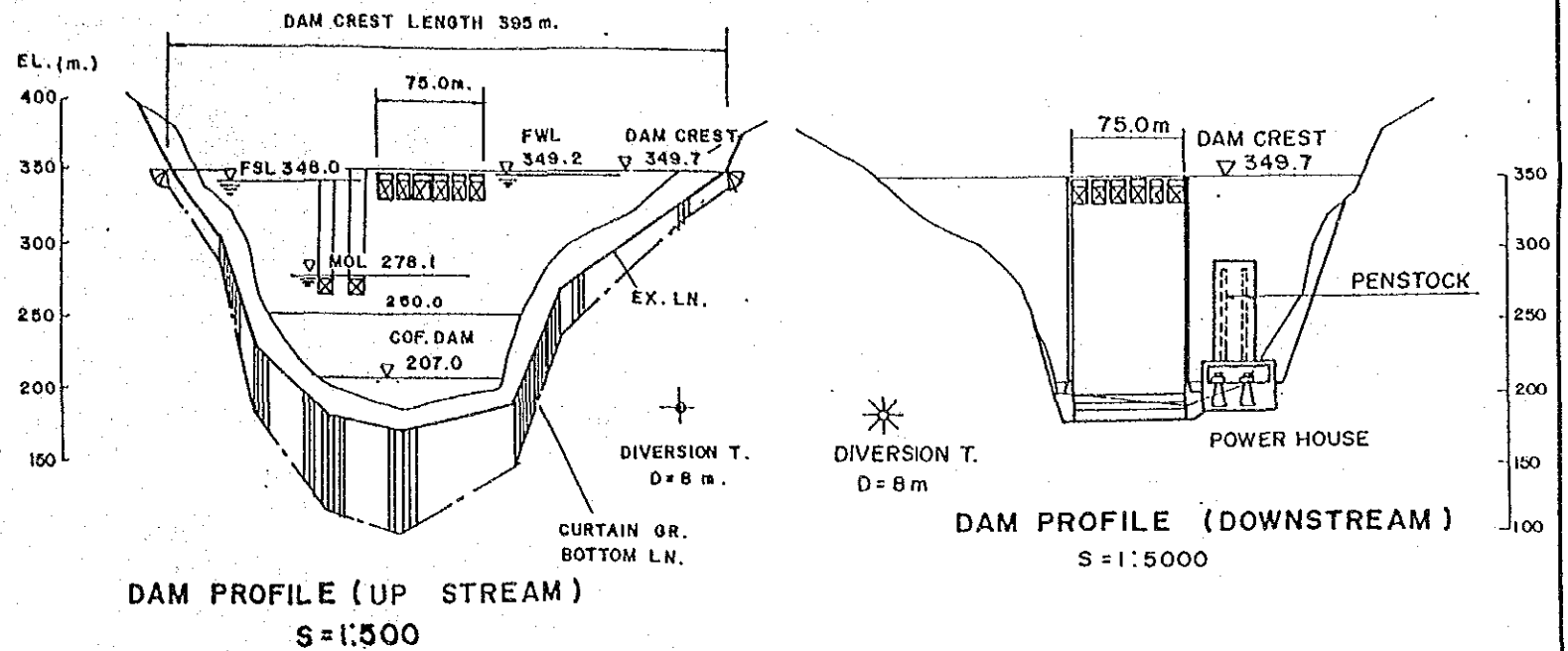
LEGEND:
 ■ SUB STATION
 --- TRANSMISSION LINE

SCALE: 0 1 2 3 4 5 10 15 Km.
 1:250,000 m.

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-006-01-06-0-1		
AGBULU LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	30
JAPAN INTERNATIONAL COOPERATION AGENCY			

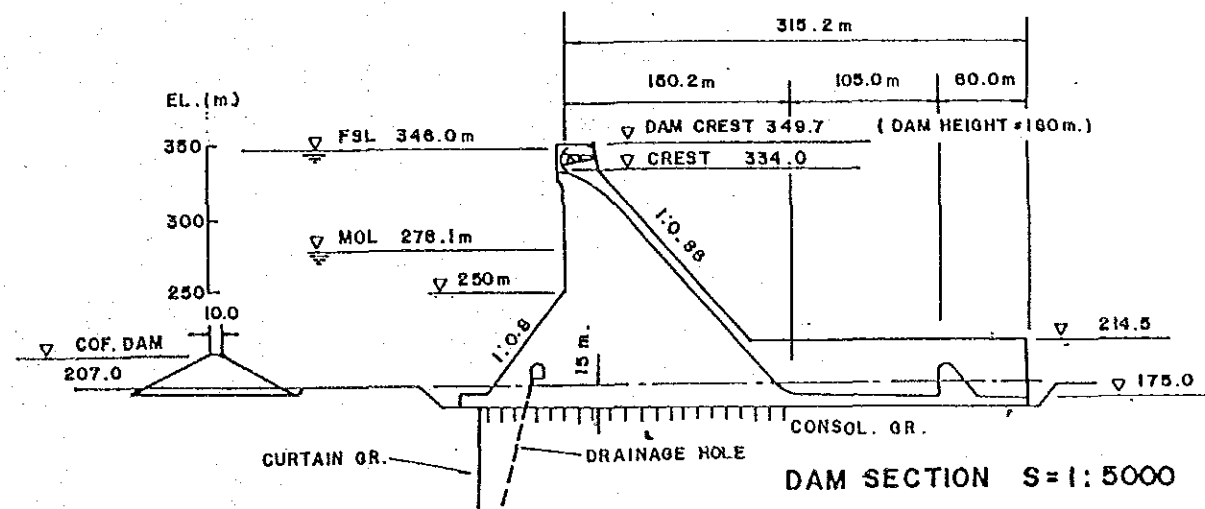


DAM PLAN S=1:10,000

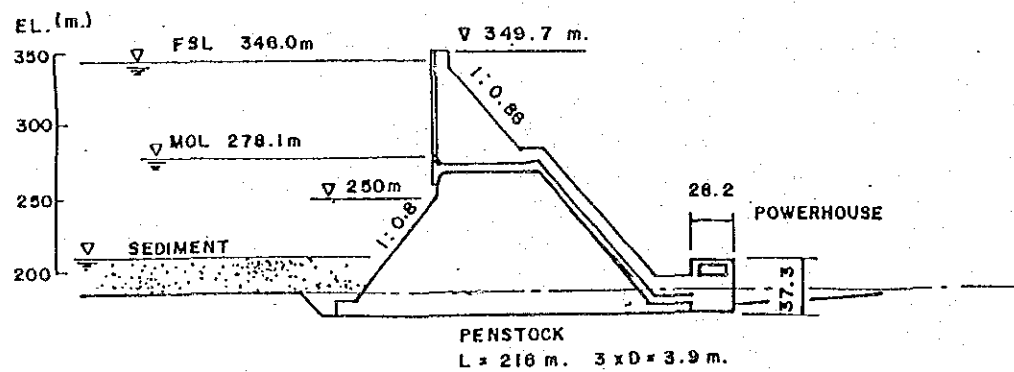


DAM PROFILE (UP STREAM)
S=1:500

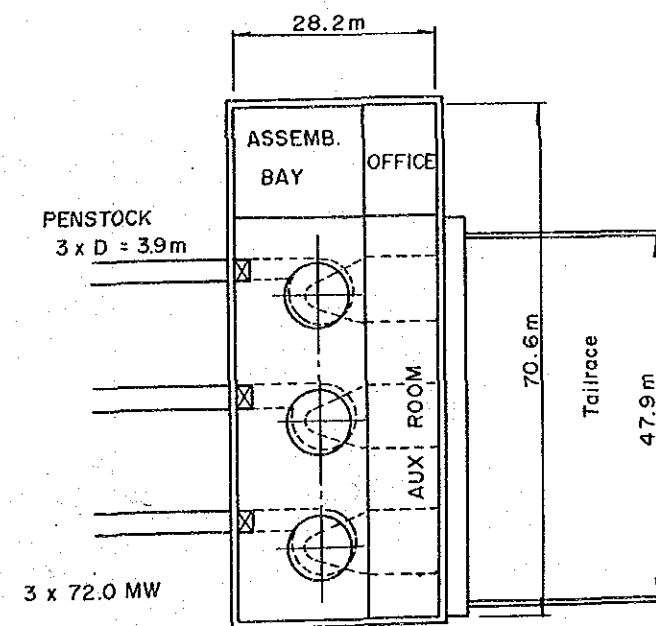
DAM PROFILE (DOWNSTREAM)
S=1:5000



DAM SECTION S=1:5000

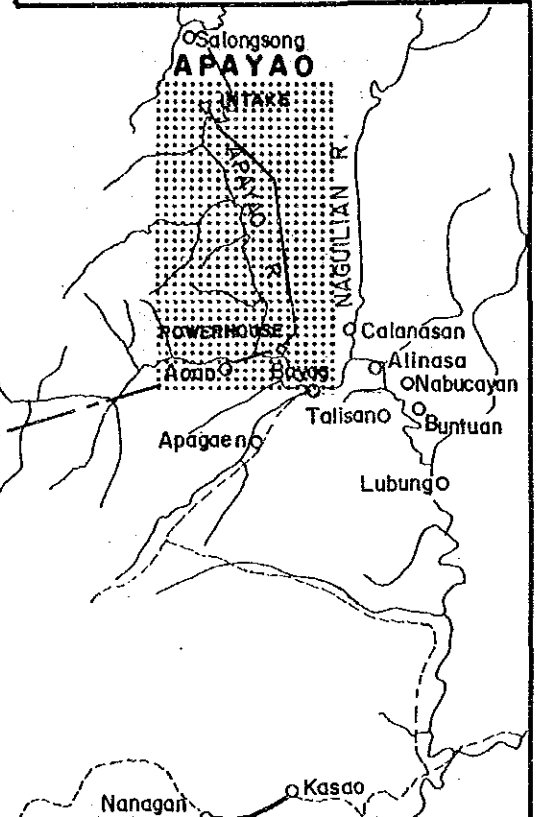
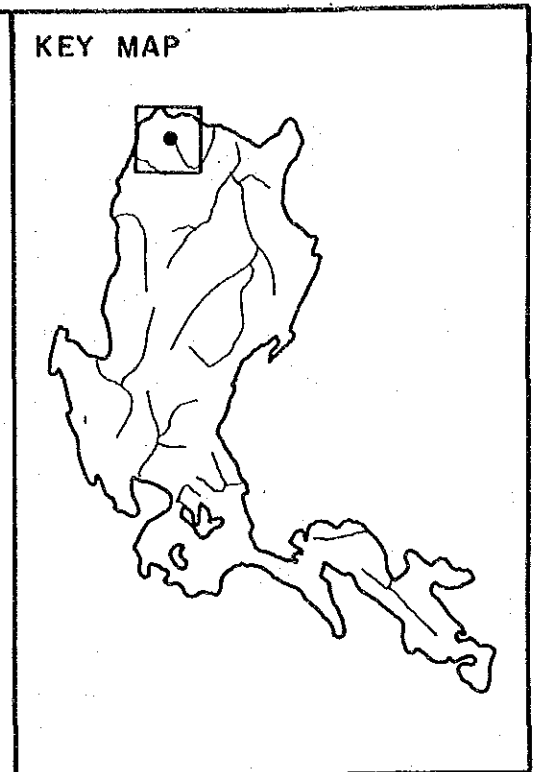
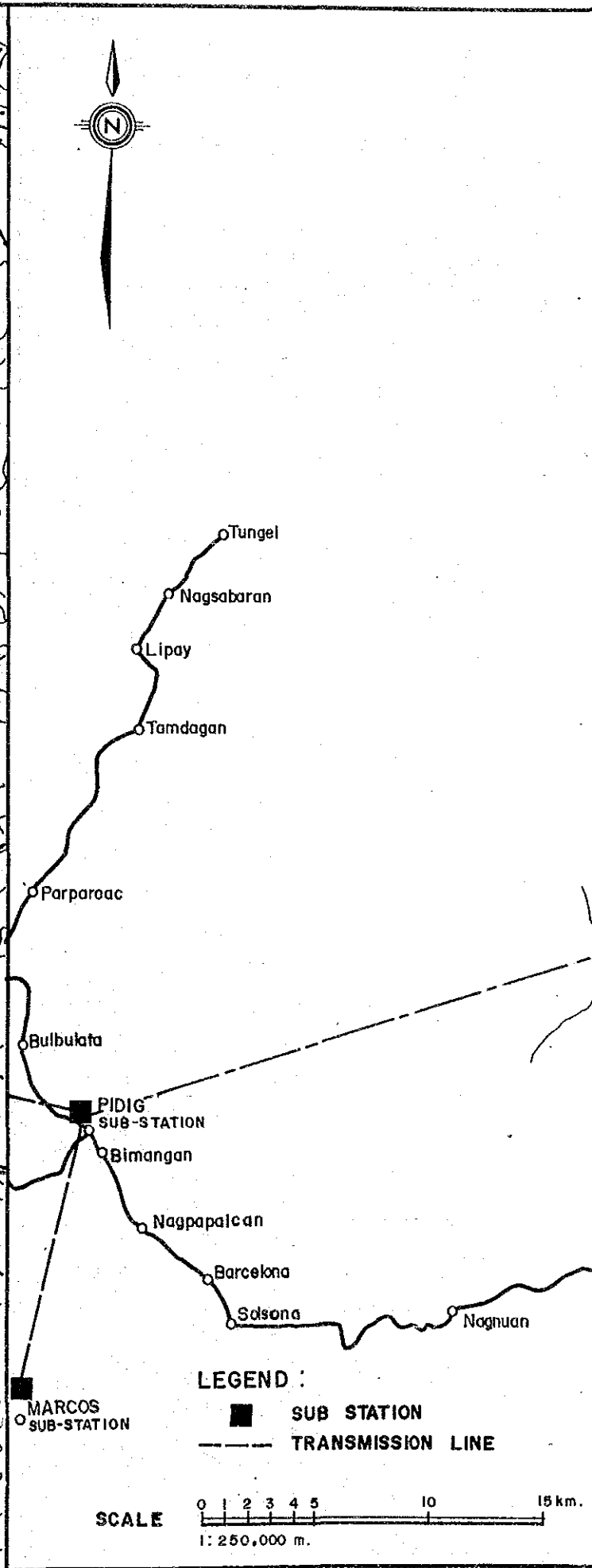
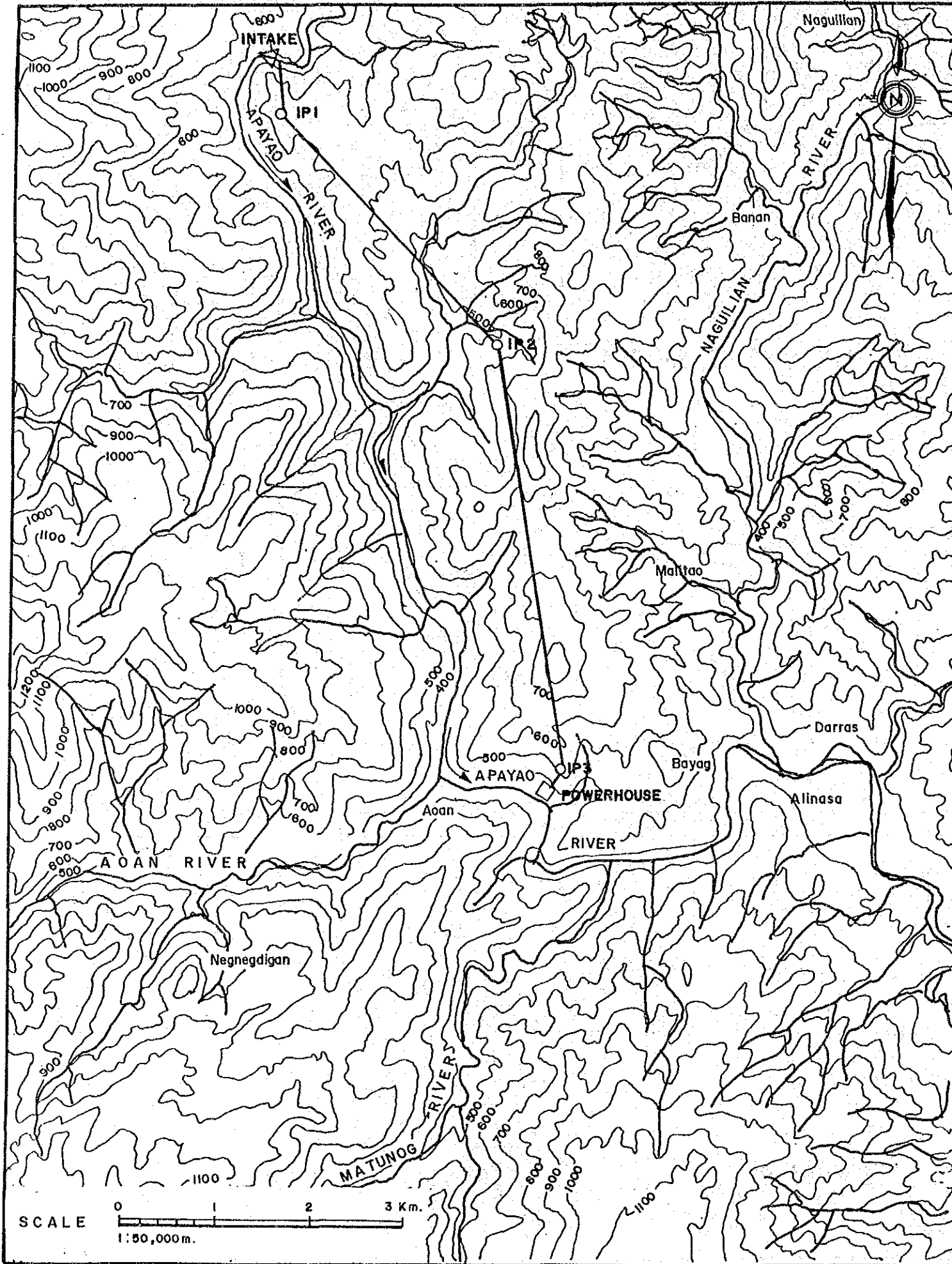


WATERWAY PROFILE S=1:5000



POWER HOUSE PLAN S=1:1,000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-006-01-06-0-1	
AGBULU GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	31
JAPAN INTERNATIONAL COOPERATION AGENCY			

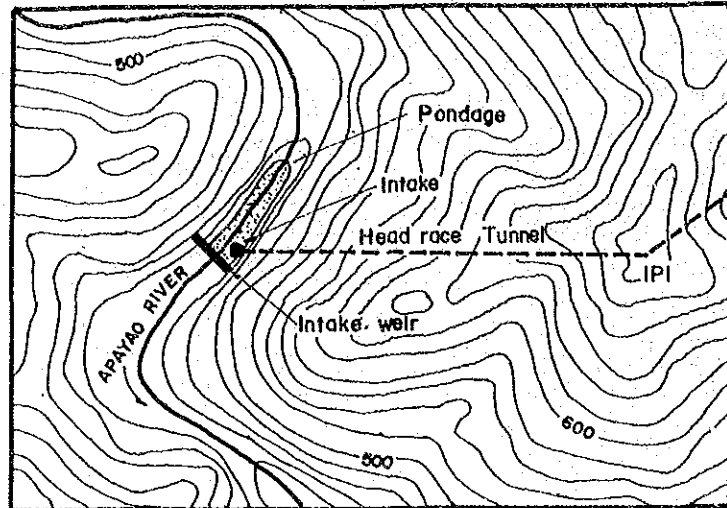


SCALE 0 1 2 3 km.
1:50,000m.

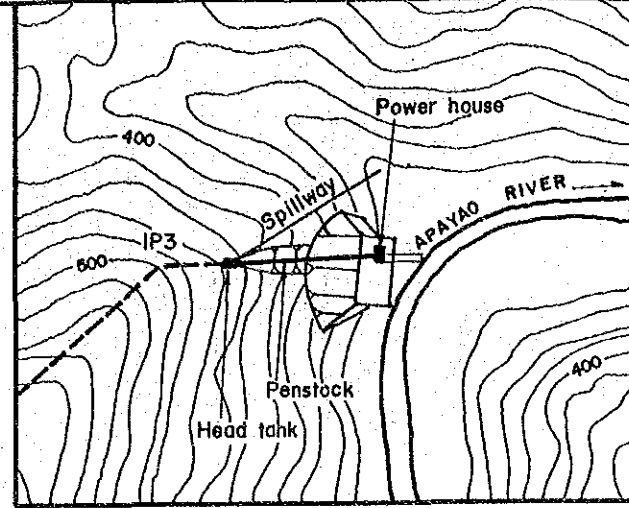
SCALE 0 2 3 4 5 10 15 km.
1:250,000 m.

LEGEND :
 ■ SUB STATION
 --- TRANSMISSION LINE

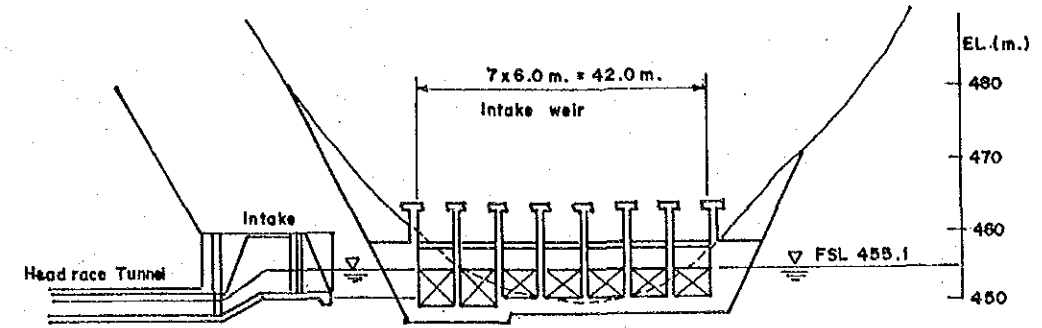
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-006-01-08-0-2	
APAYAO LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	32
JAPAN INTERNATIONAL COOPERATION AGENCY			



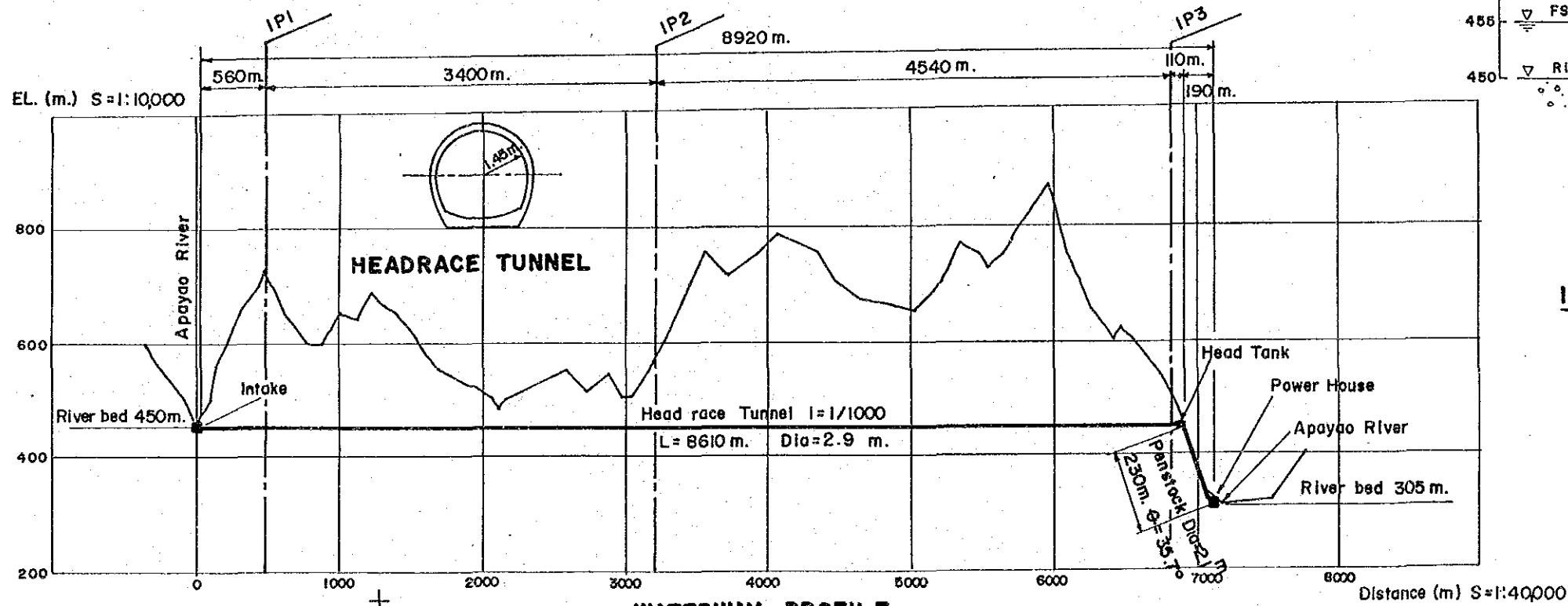
INTAKE PLAN S=10,000



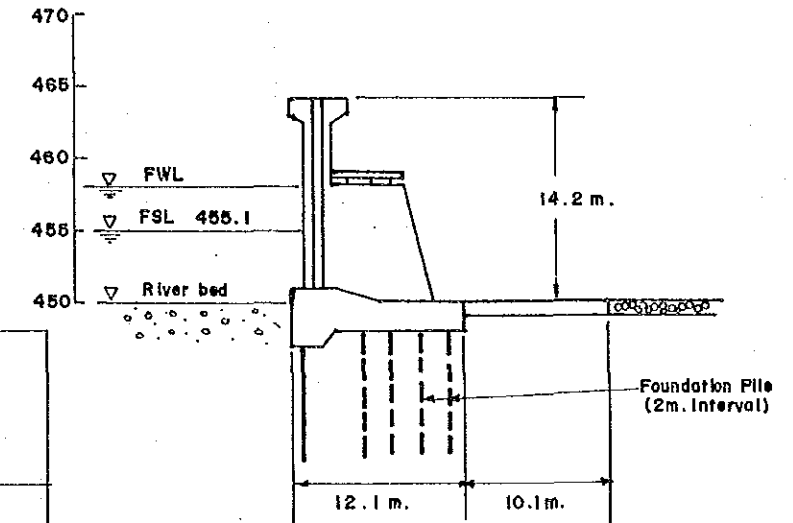
POWERHOUSE PLAN S=1:10,000



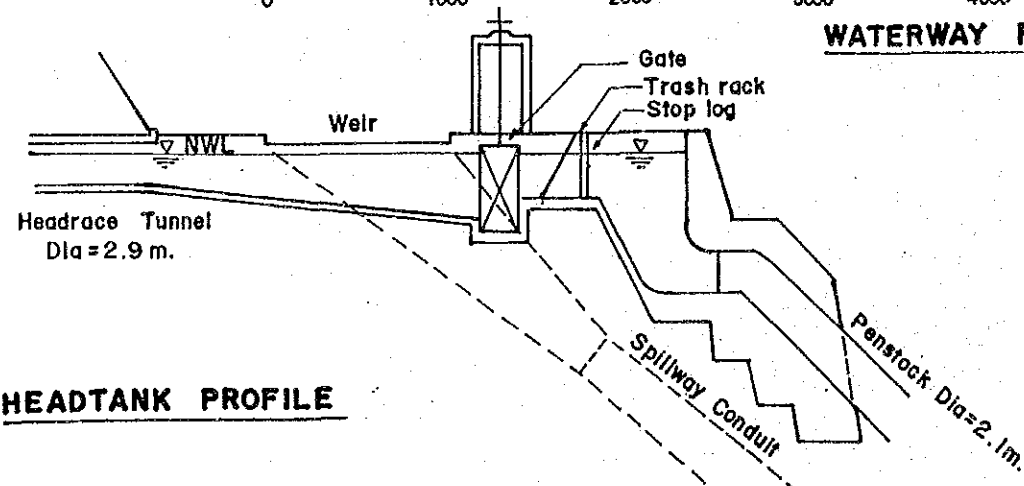
WEIR and INTAKE S=1:1000



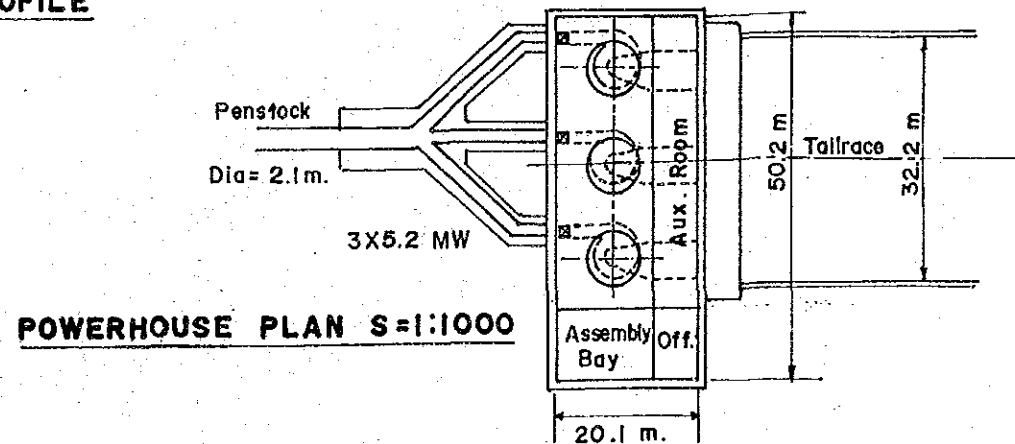
WATERWAY PROFILE



INTAKE WEIR SECTION S=1:500

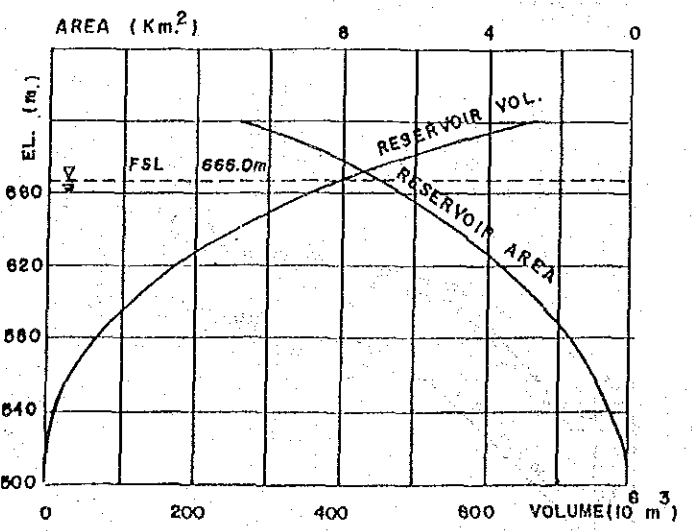
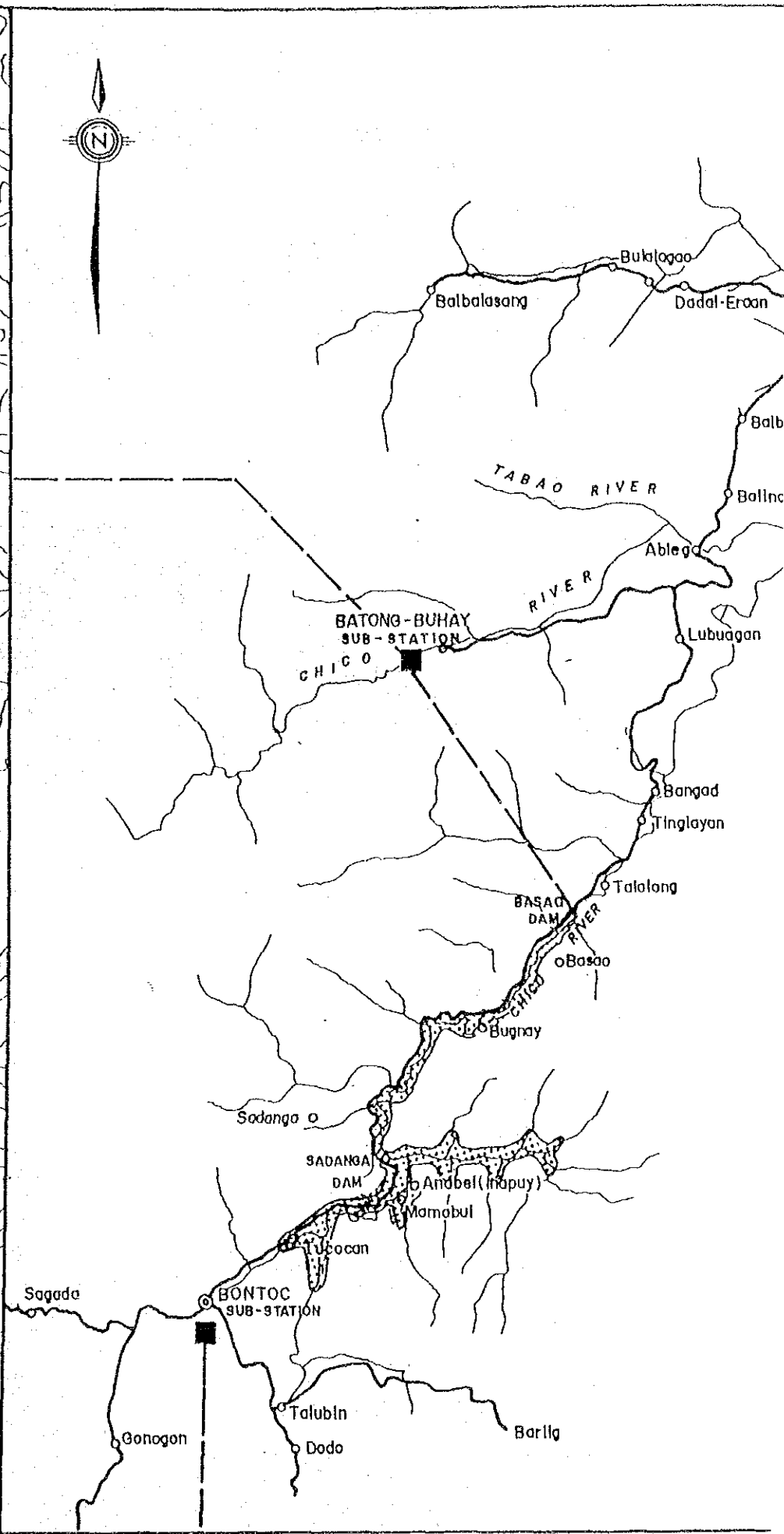
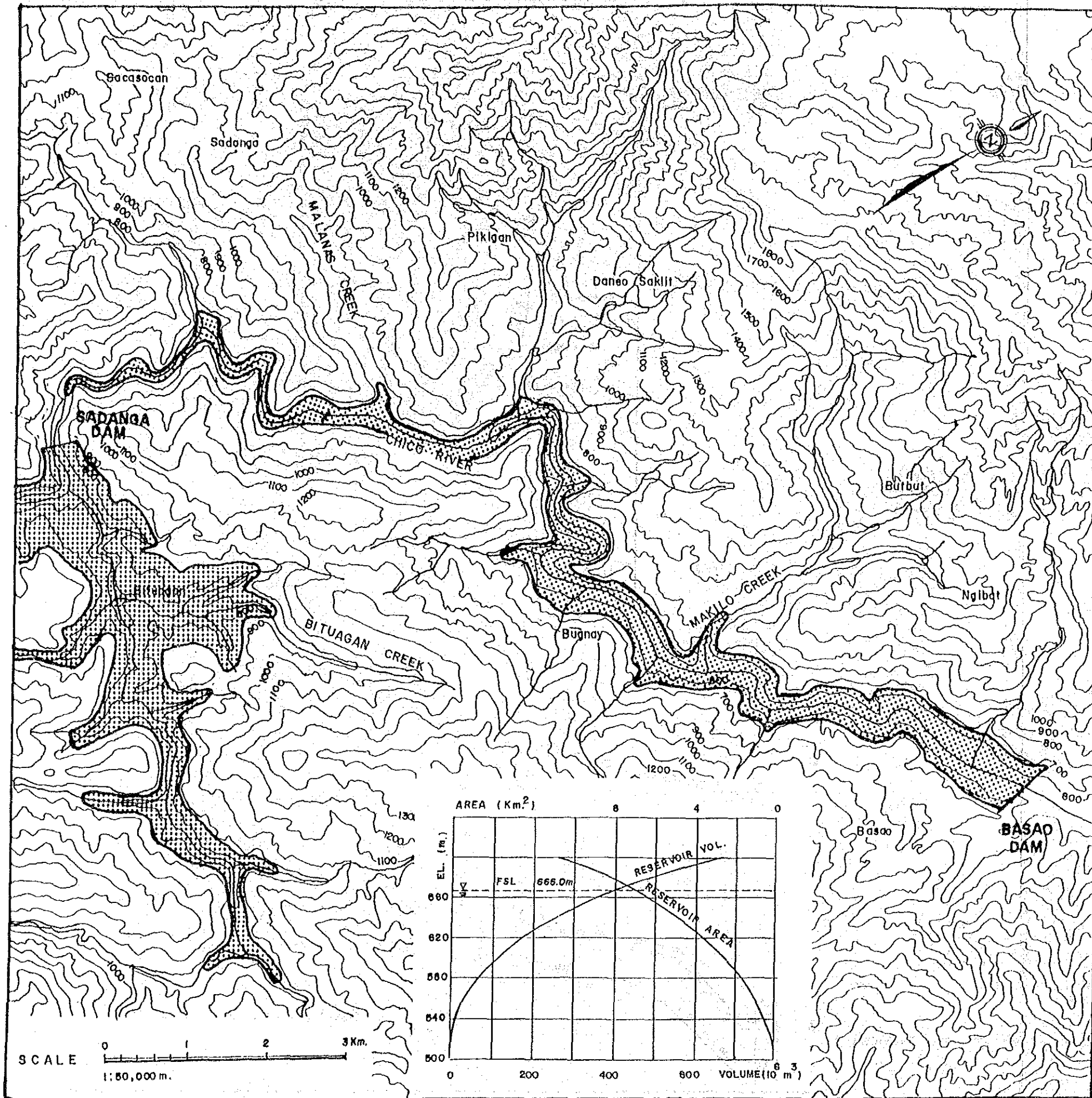


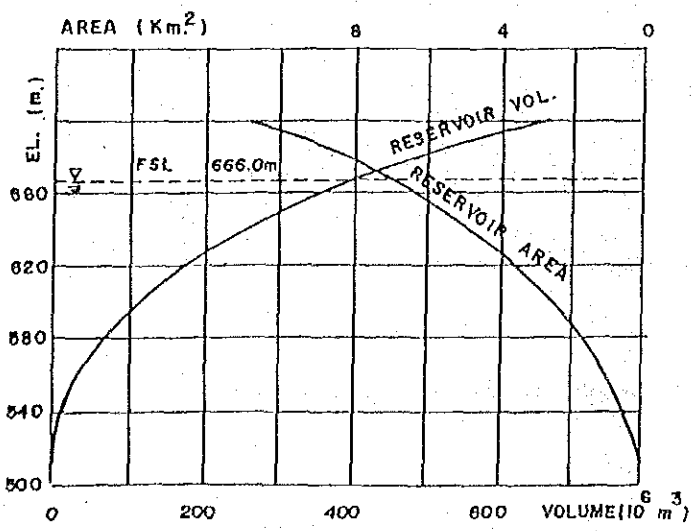
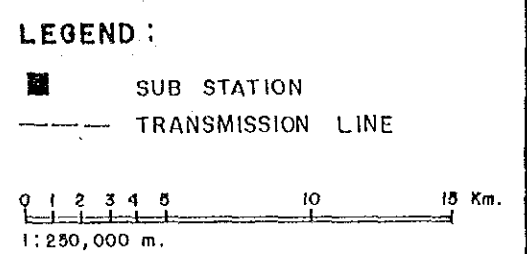
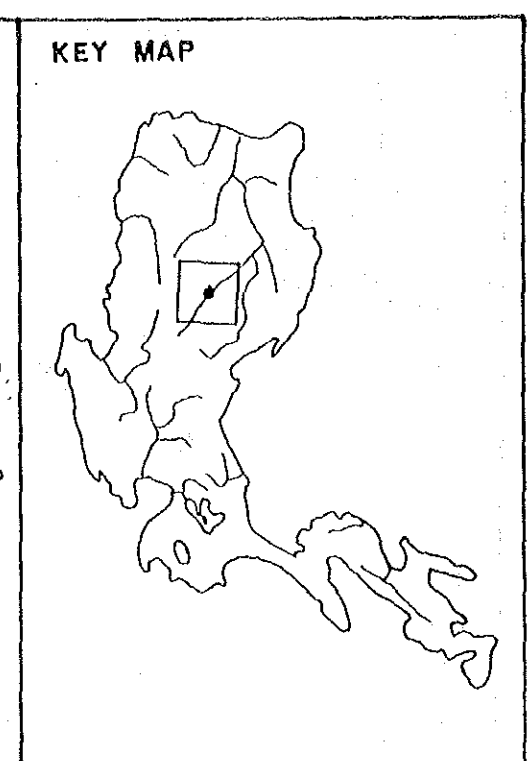
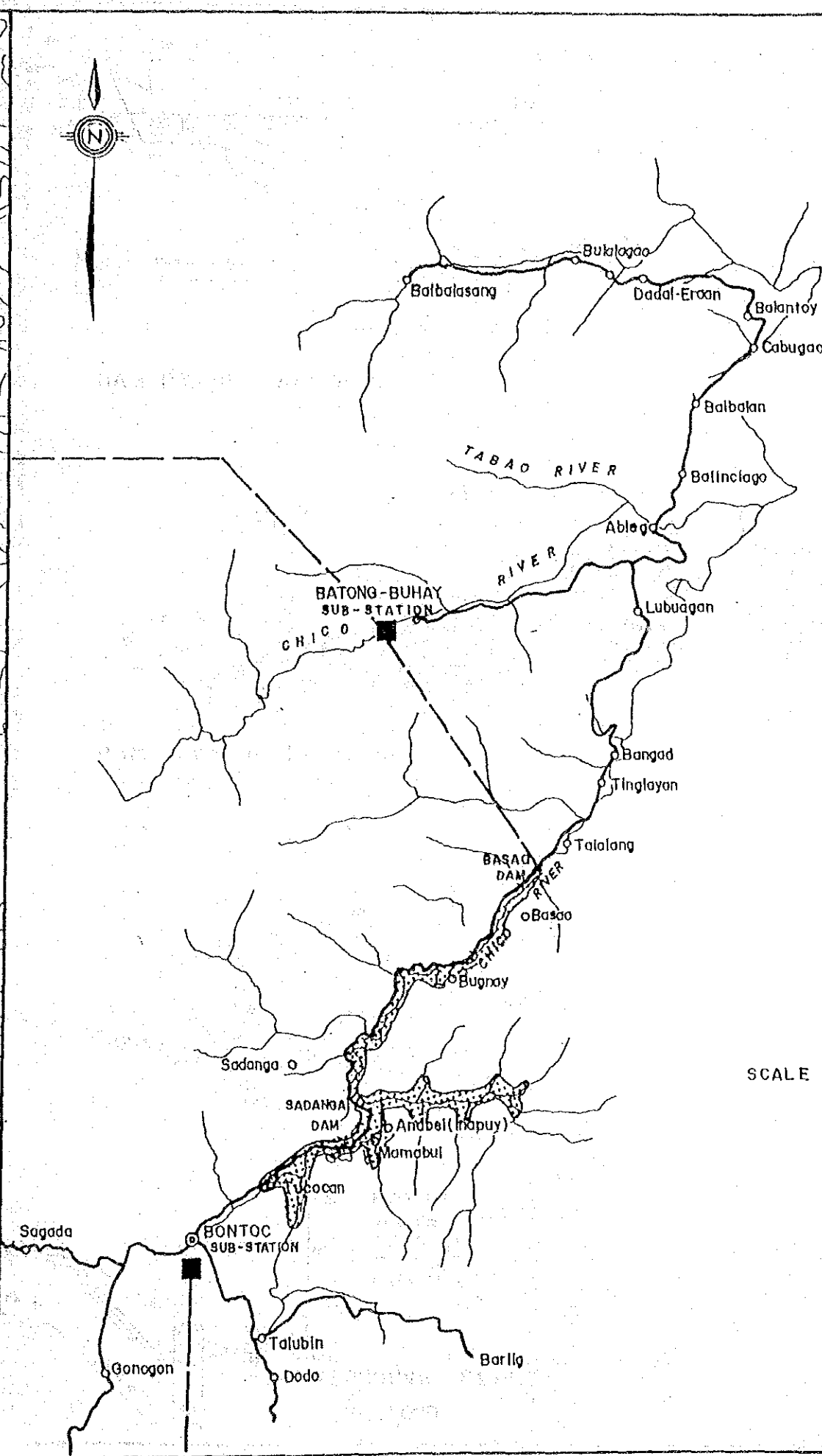
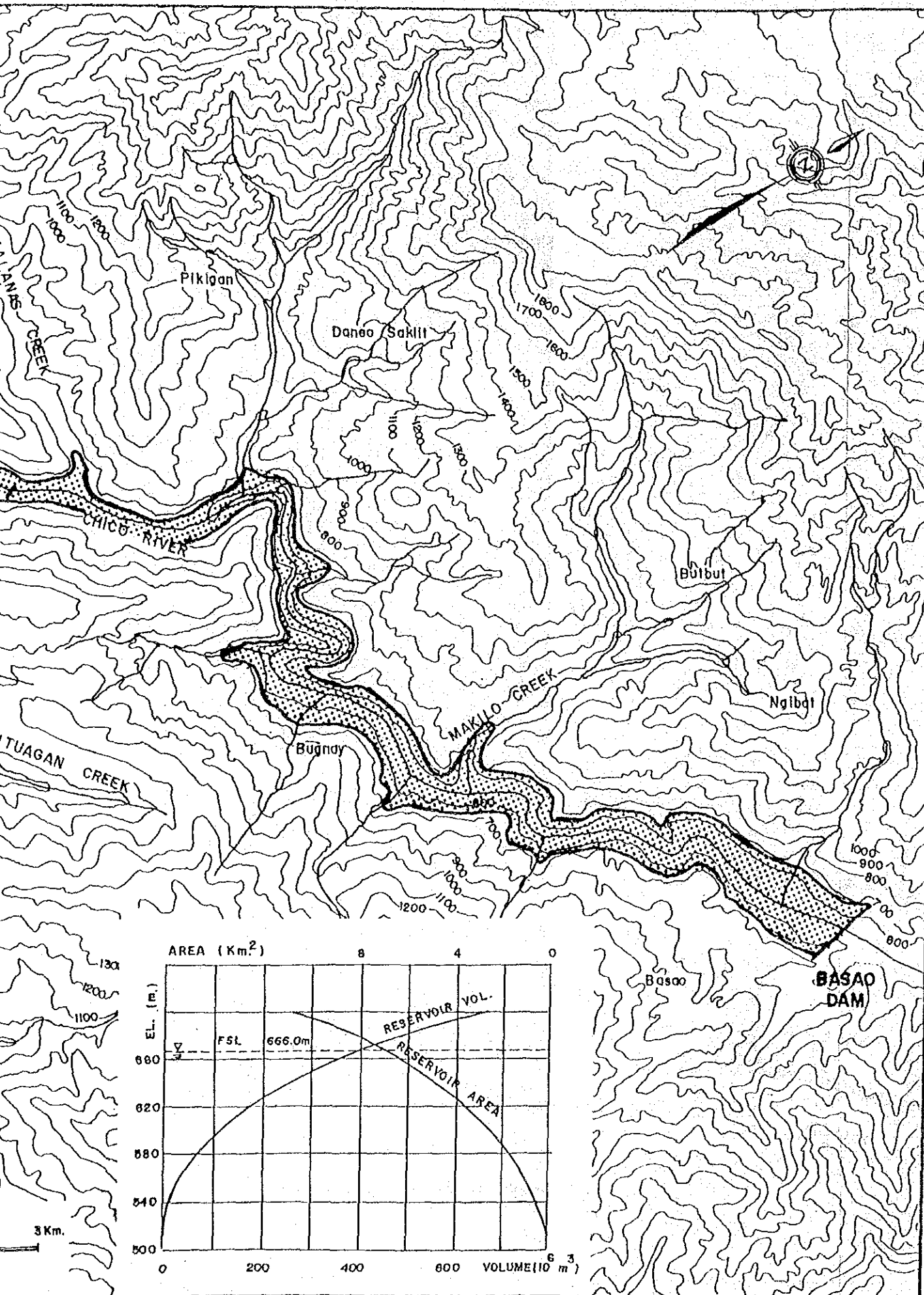
HEADTANK PROFILE



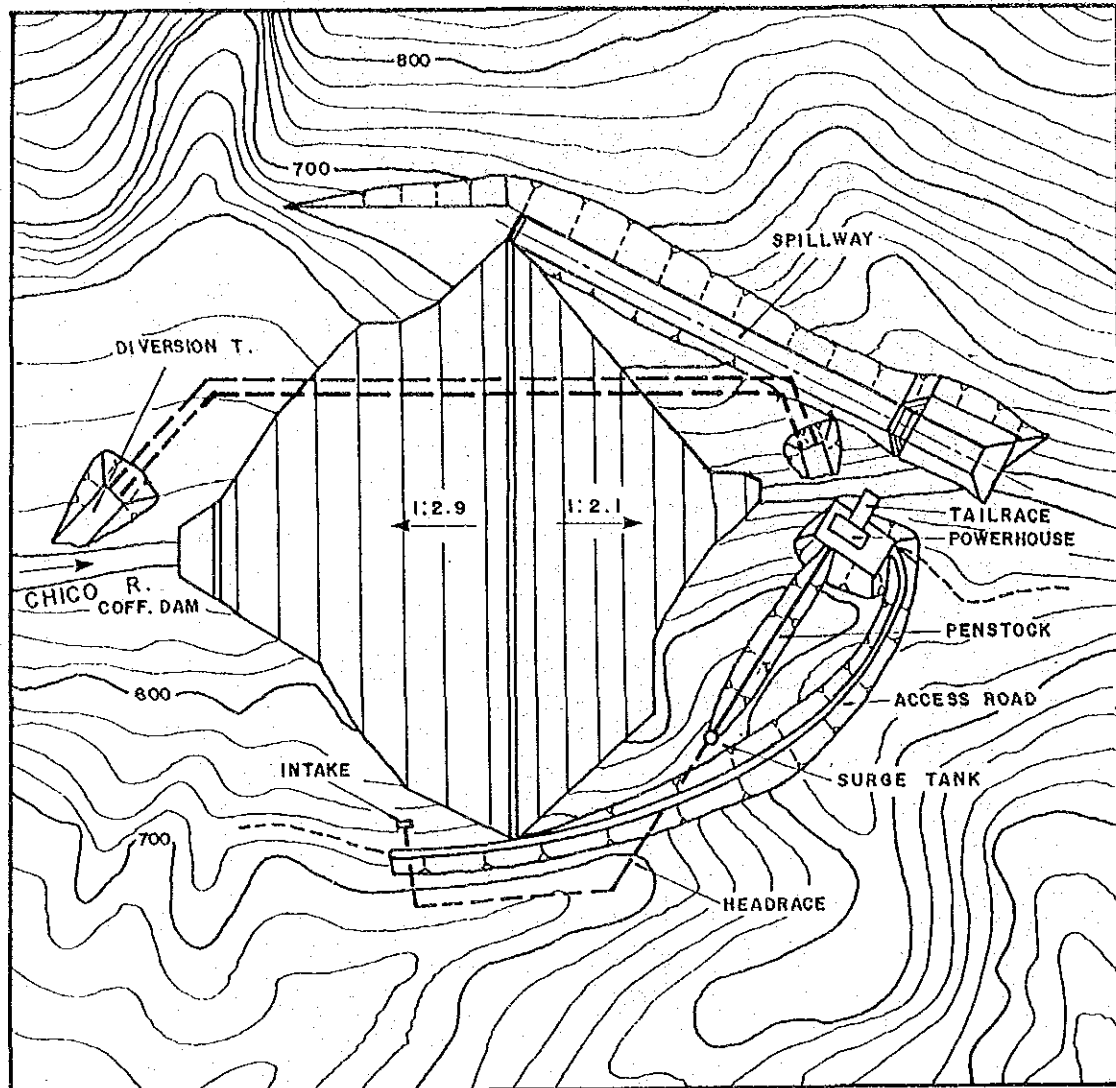
POWERHOUSE PLAN S=1:1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-006-01-08-0-2	
APAYAO GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	33
JAPAN INTERNATIONAL COOPERATION AGENCY			

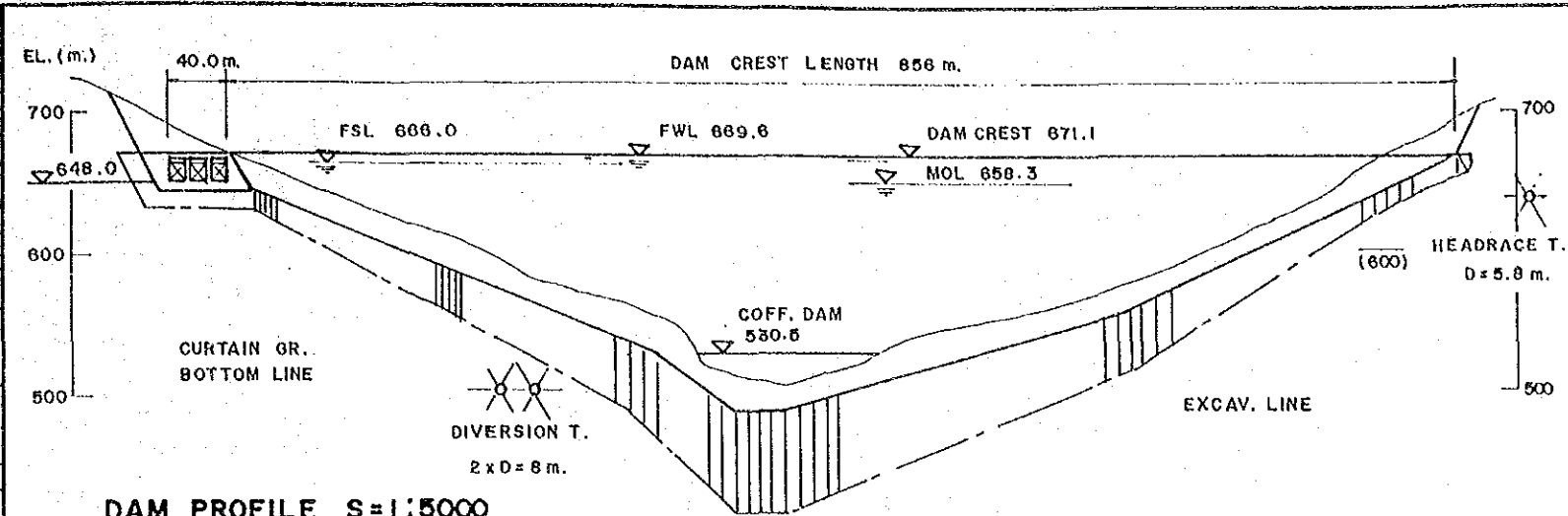




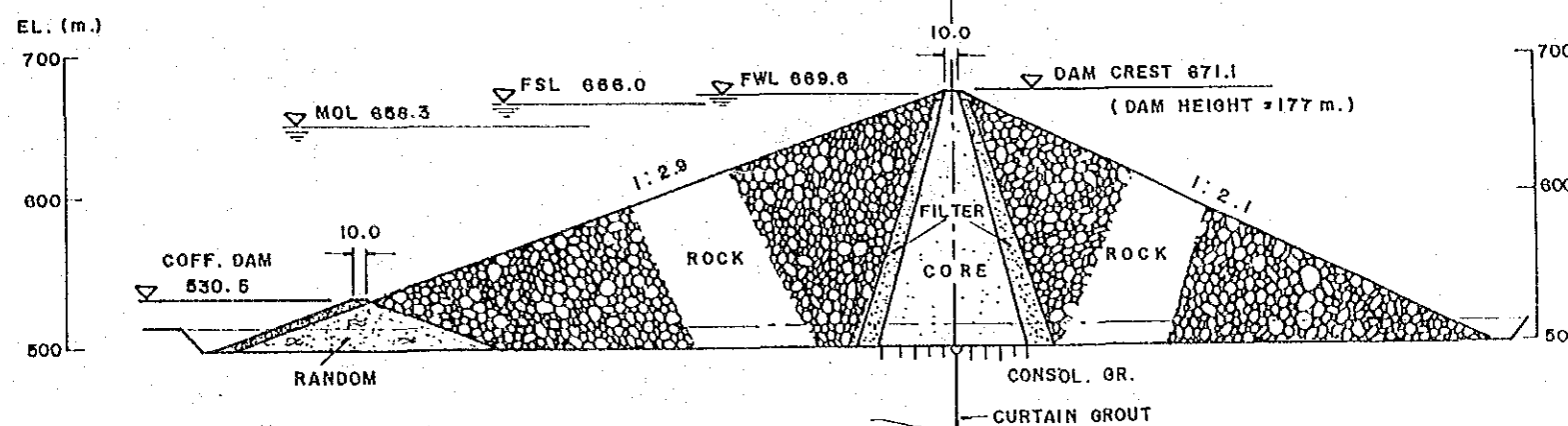
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-03-03-1-1		
BASAO LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	34
JAPAN INTERNATIONAL COOPERATION AGENCY			



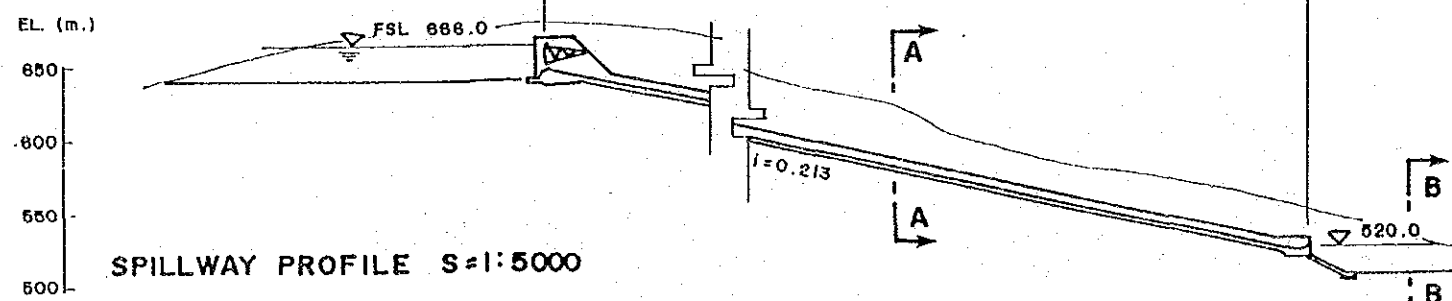
DAM PLAN S=1:10,000



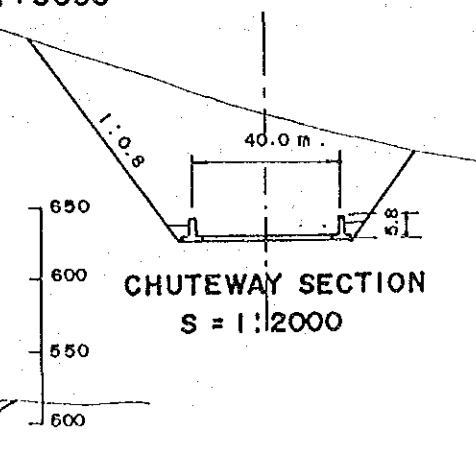
DAM PROFILE S=1:5000



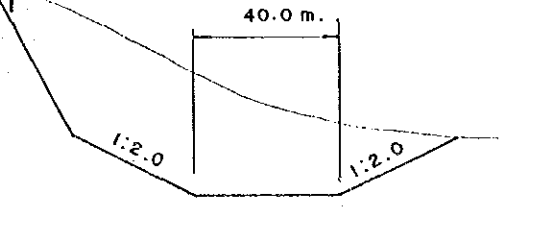
DAM SECTION S=1:5000



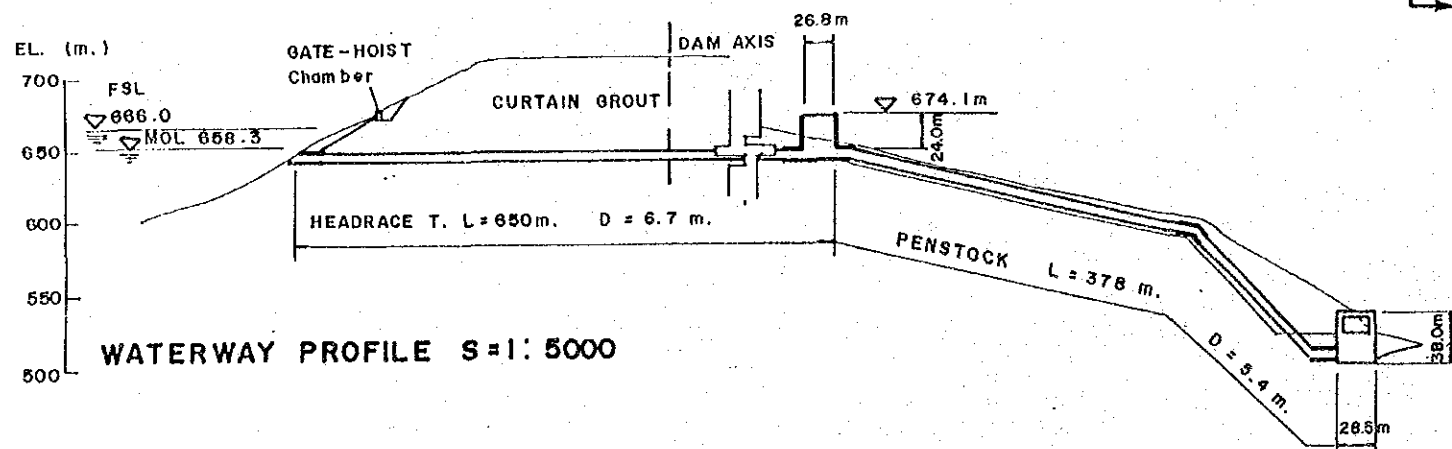
SPILLWAY PROFILE S=1:5000



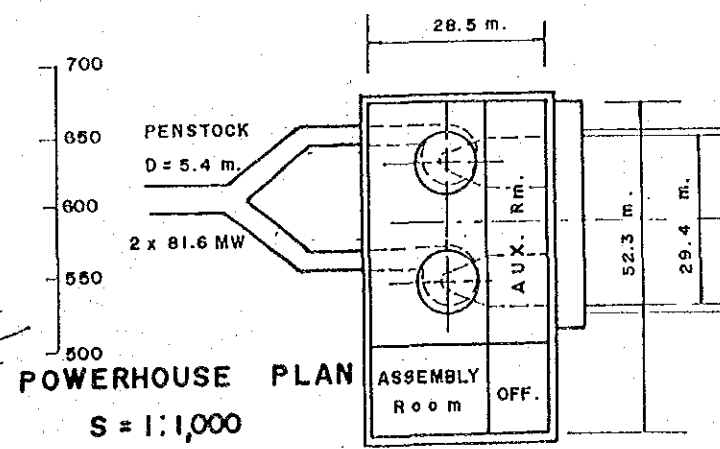
CHUTEWAY SECTION S=1:2000



PLUNGE POOL SECTION S=1:2000

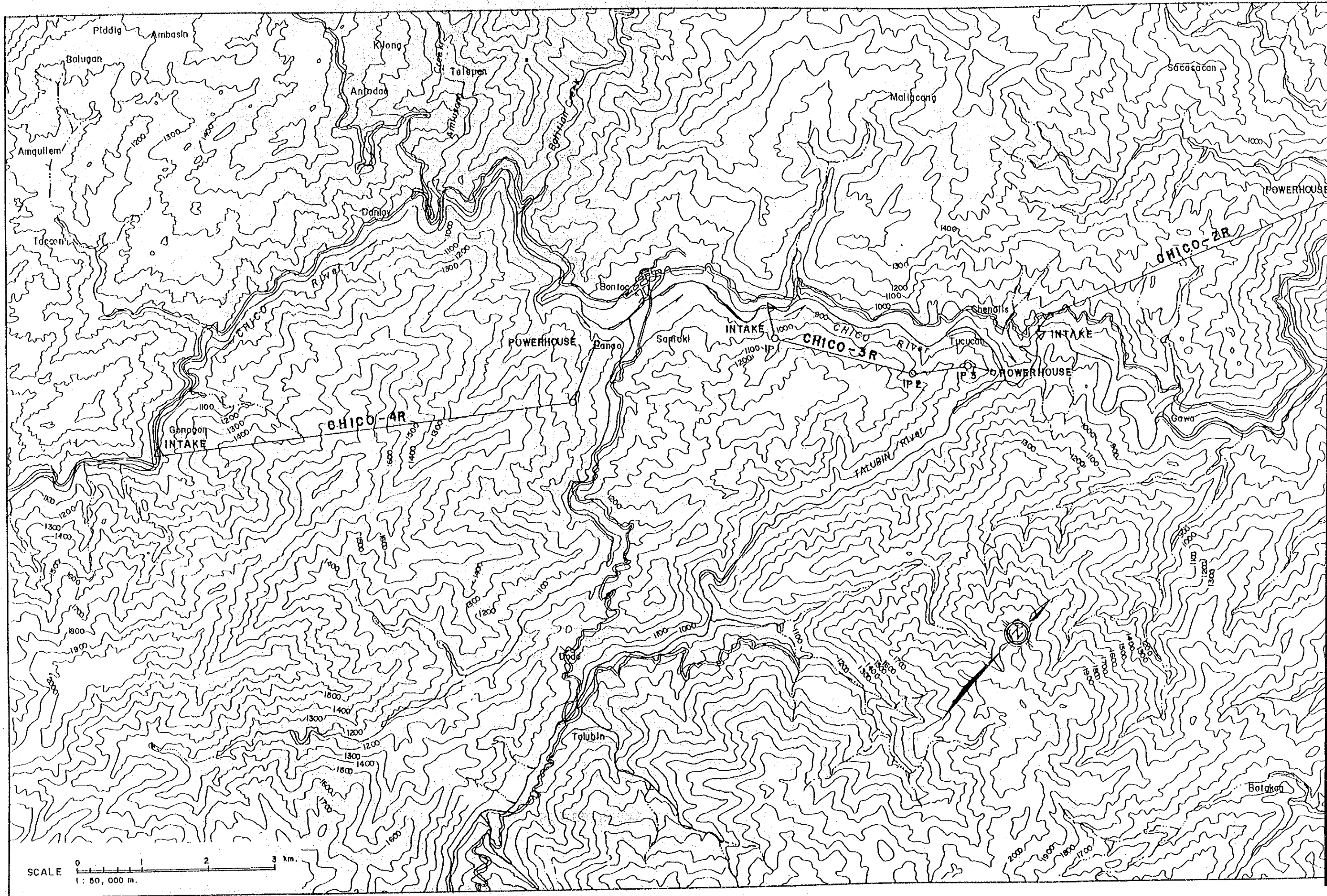


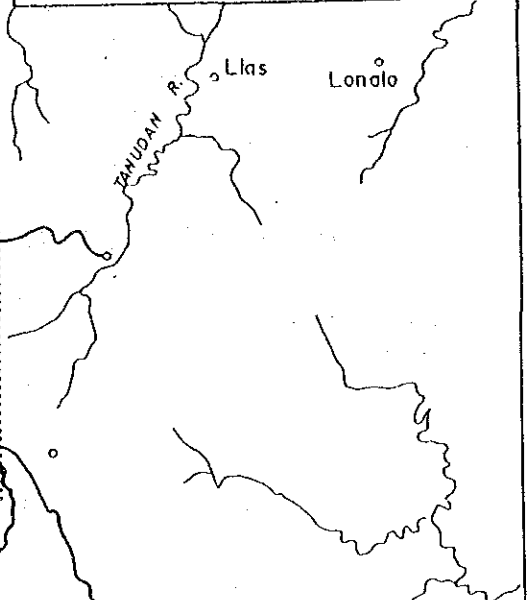
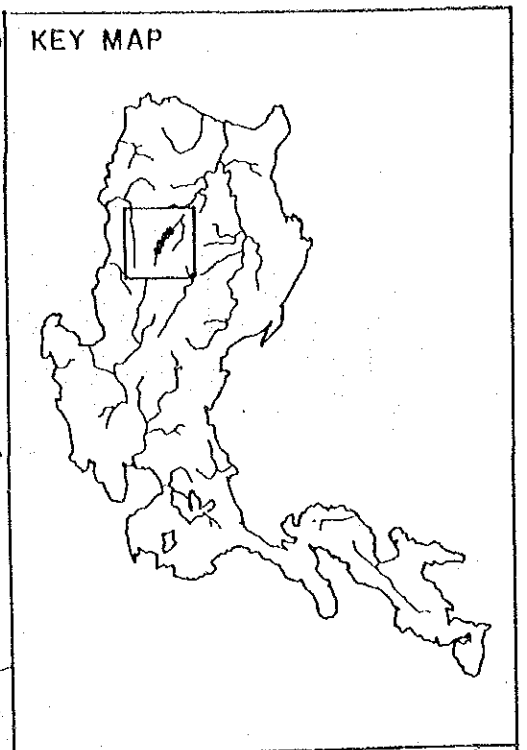
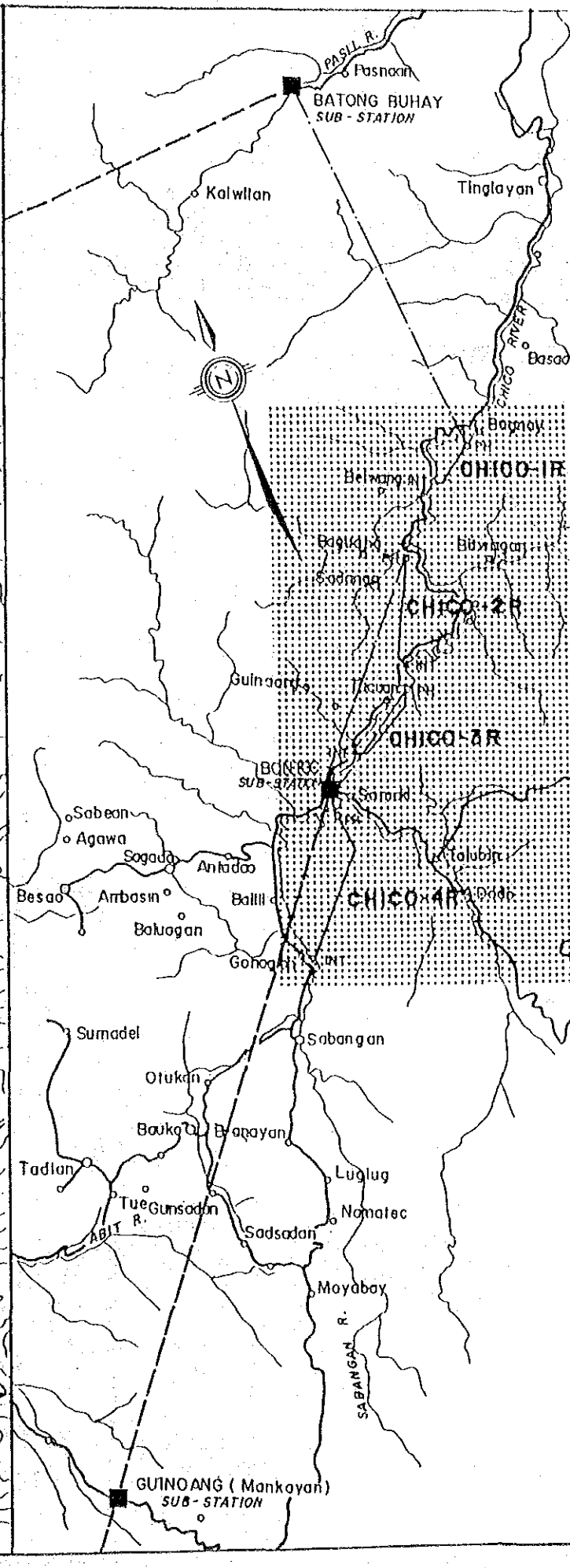
WATERWAY PROFILE S=1:5000



POWERHOUSE PLAN S=1:1,000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-03-03-1-1	
BASAO			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	35
JAPAN INTERNATIONAL COOPERATION AGENCY			

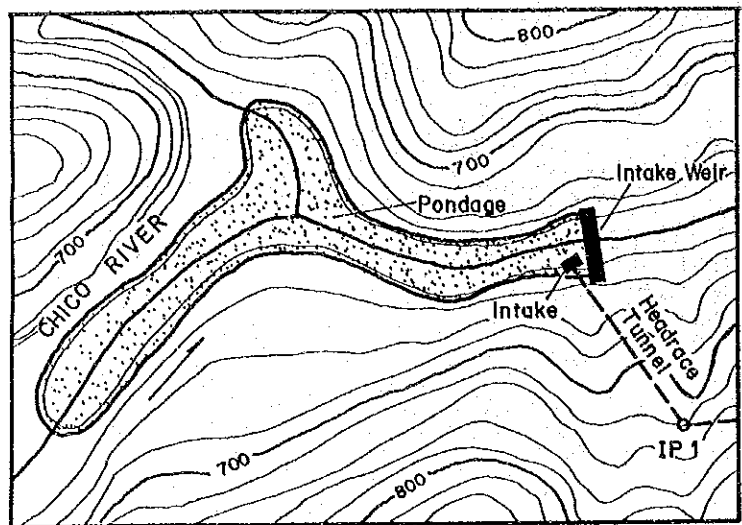




LEGEND :
 ■ SUB STATION
 — TRANSMISSION LINE

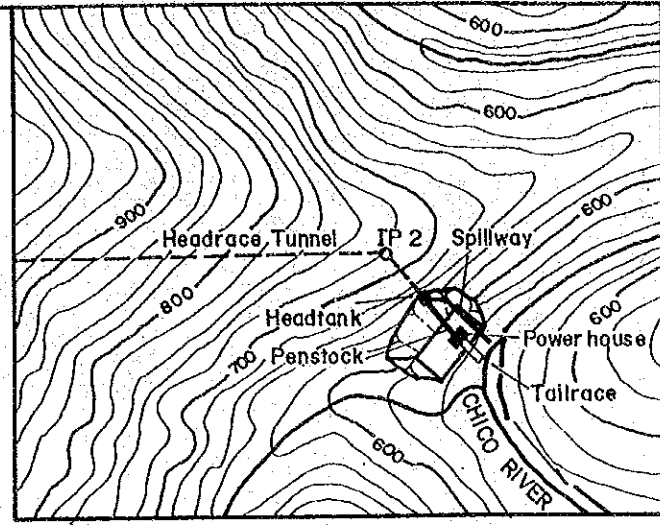
0 1 2 3 4 5 10 15 km.
 SCALE 1 : 250,000 m.

NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-03-04~09-0-2	
CHICO-1R, 2R, 3R AND 4R LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	36
JAPAN INTERNATIONAL COOPERATION AGENCY			



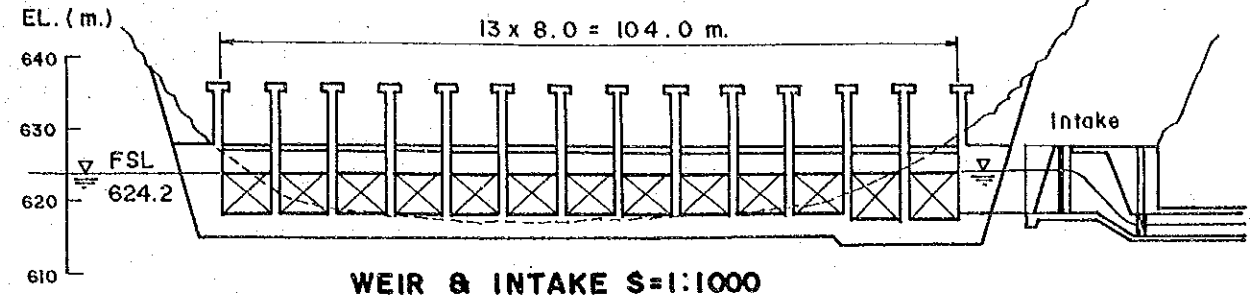
INTAKE PLAN

S = 1 : 10,000

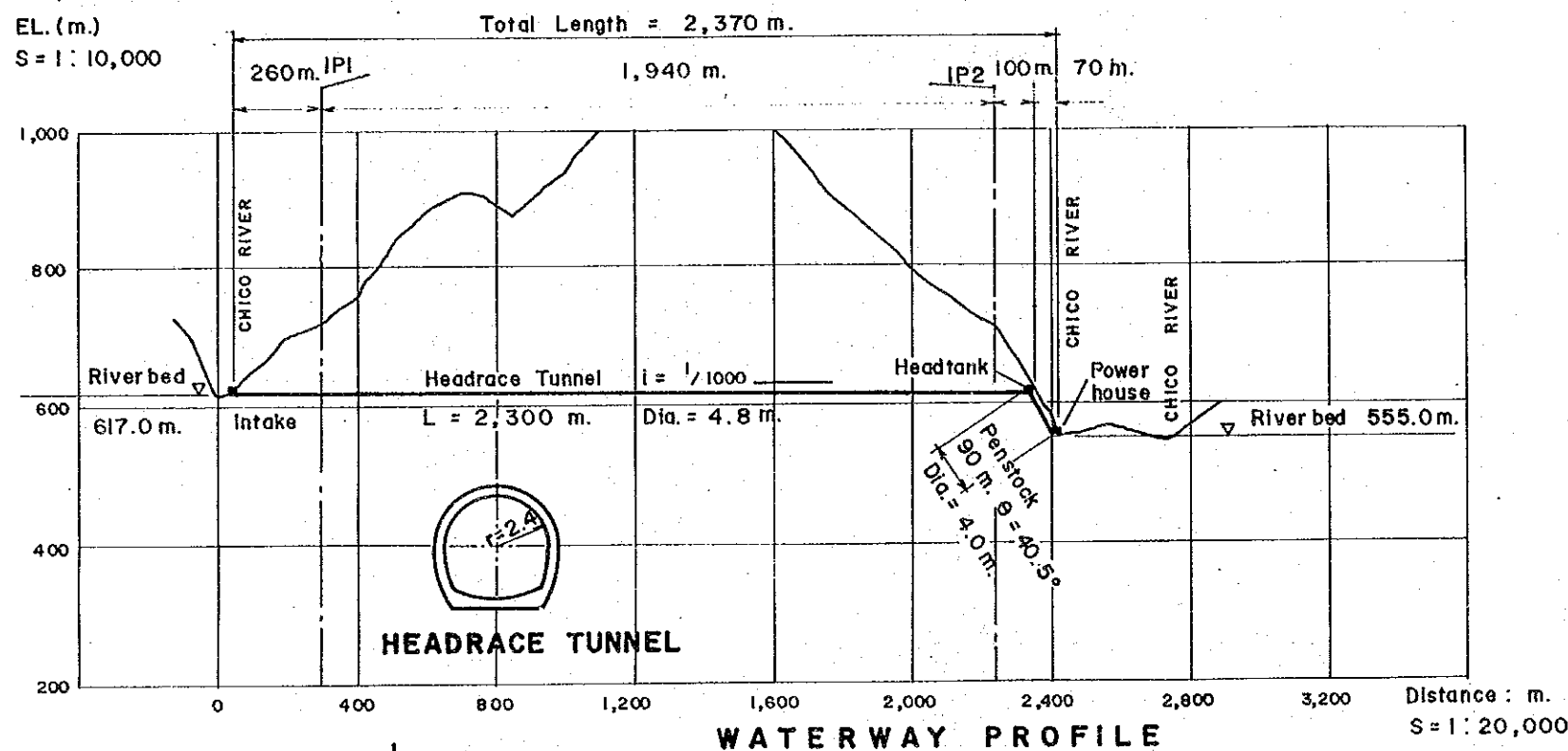


POWER HOUSE PLAN

S = 1 : 10,000



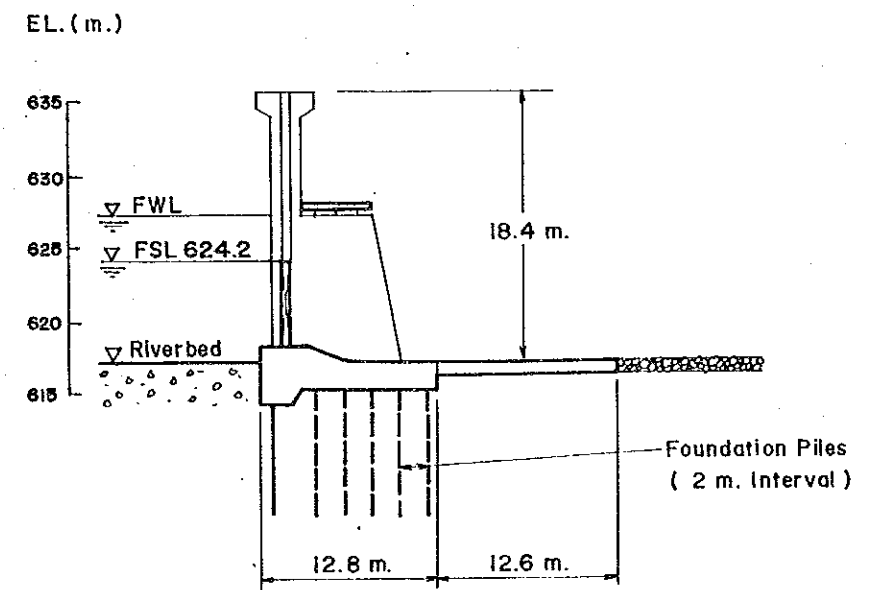
WEIR & INTAKE S=1:1000



HEADRACE TUNNEL

WATERWAY PROFILE

S = 1 : 20,000

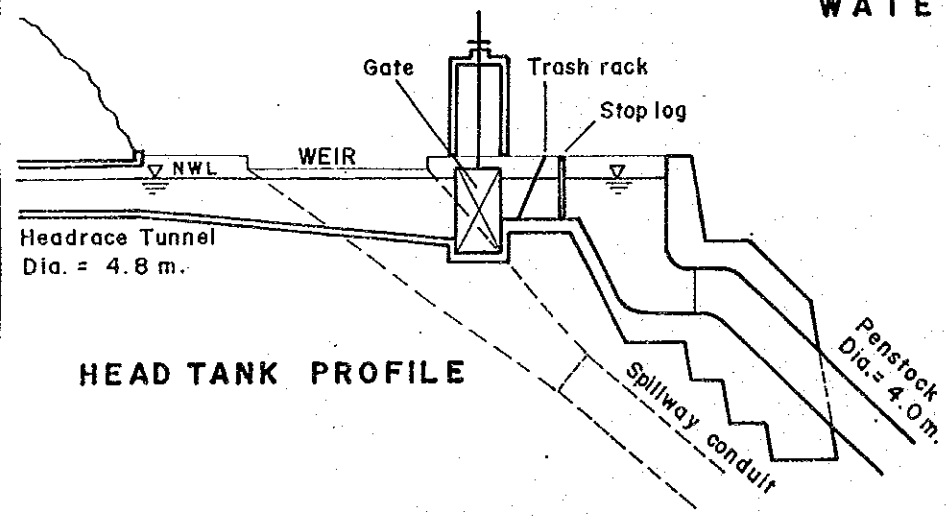


INTAKE WEIR SECTION

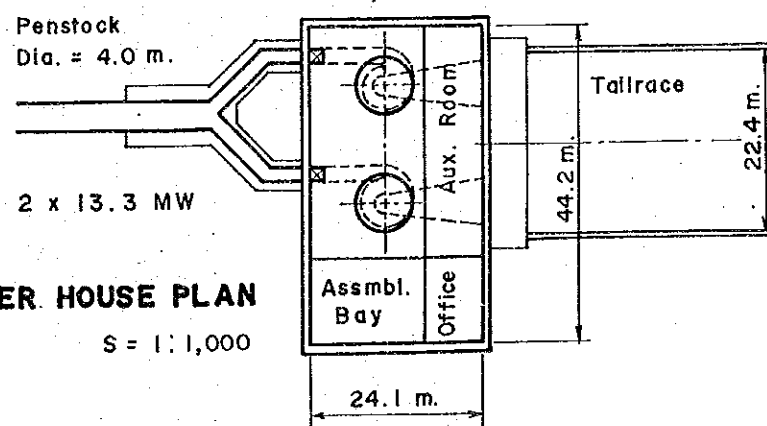
S = 1 : 500

NOTES:

CHICO-IR to be combined with
SADANGA is same with independent
CHICO-IR.



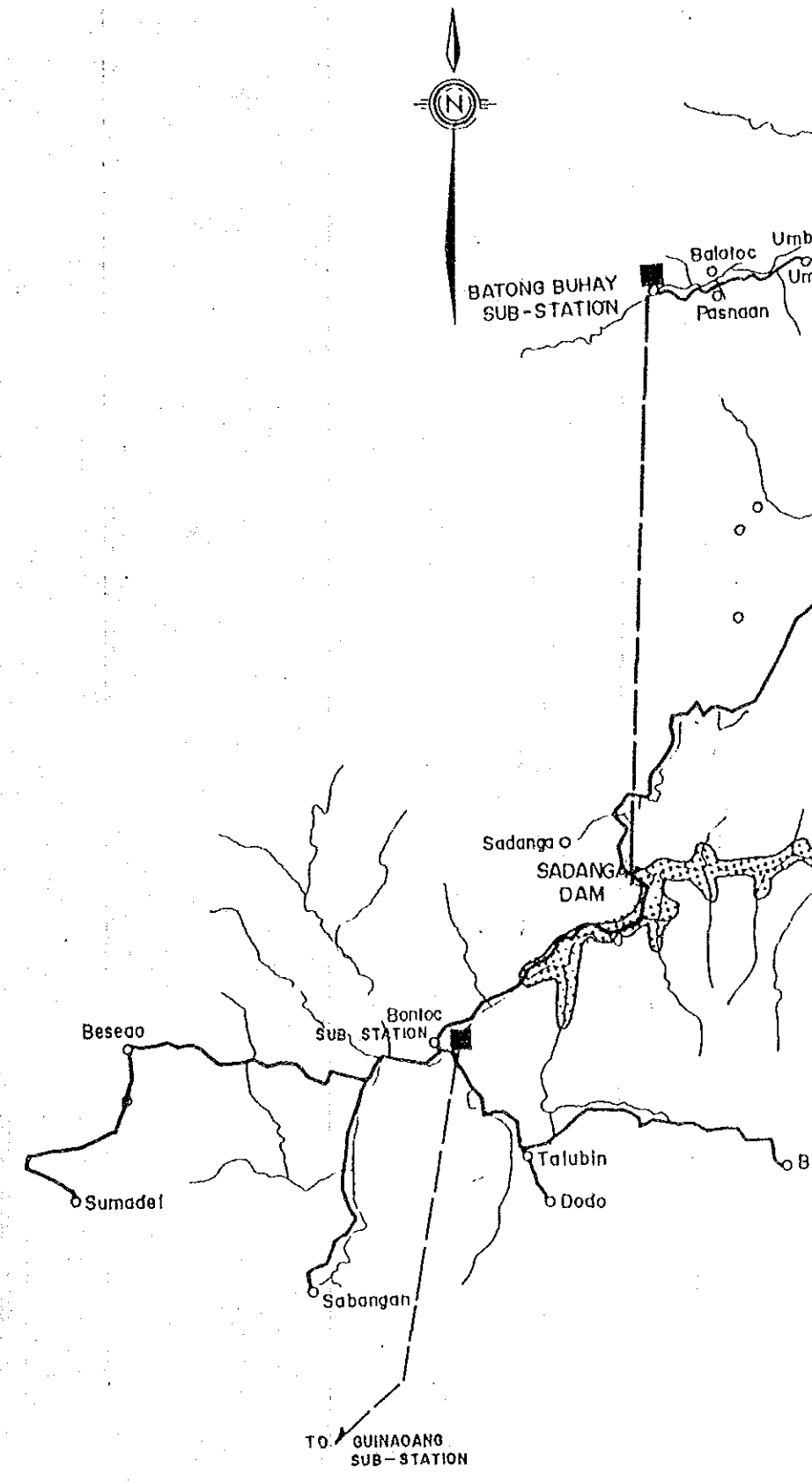
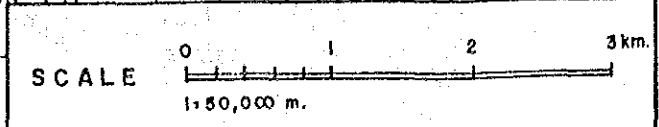
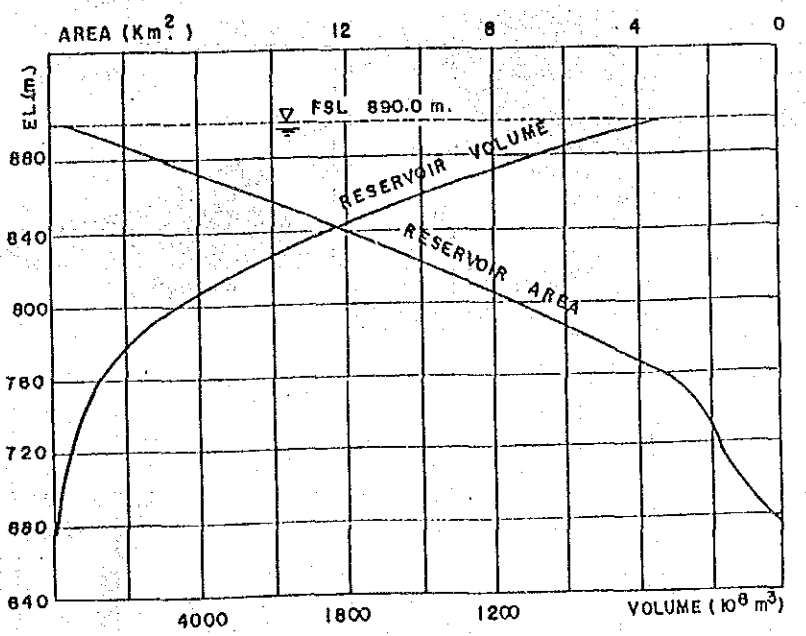
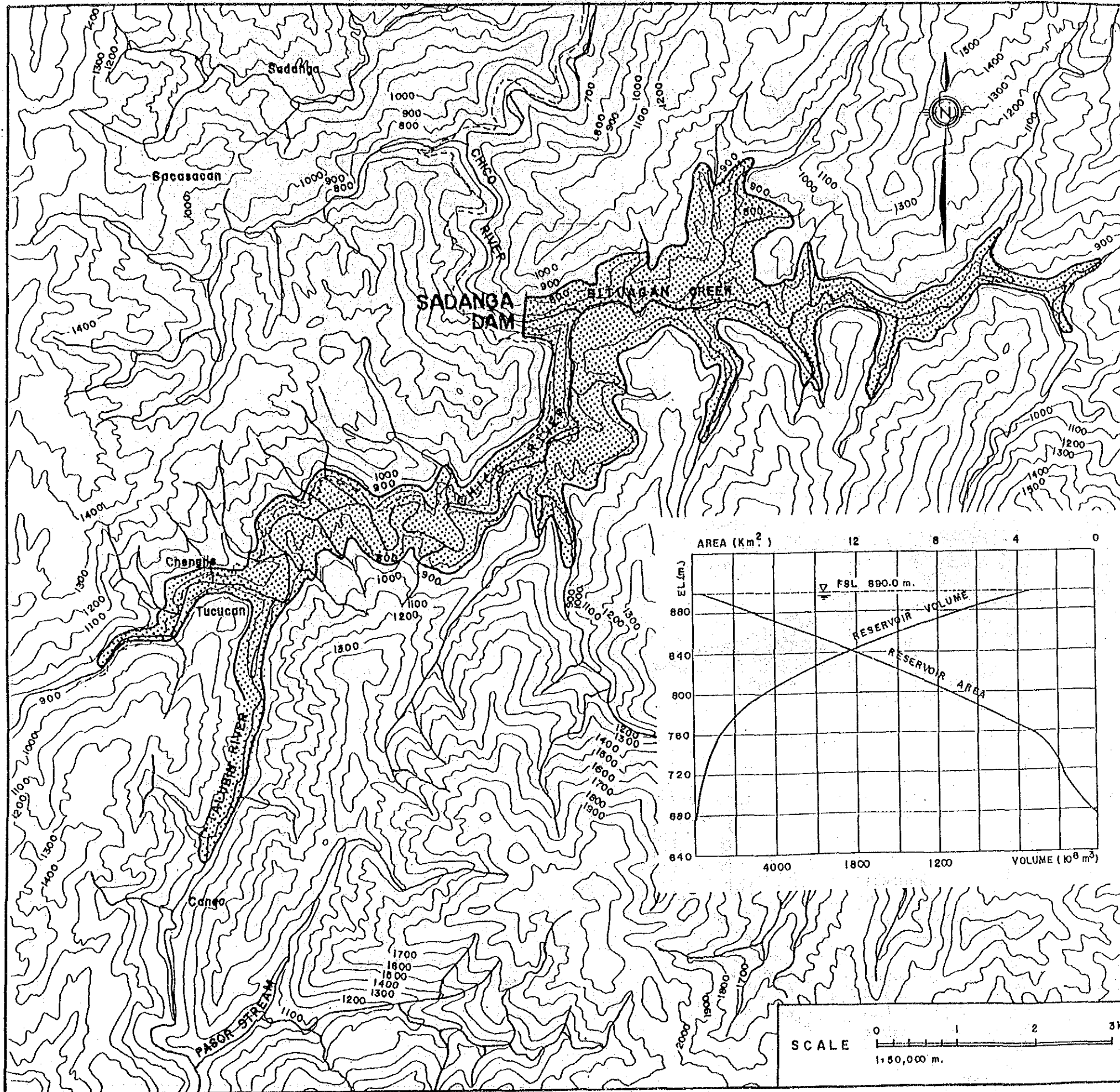
HEAD TANK PROFILE

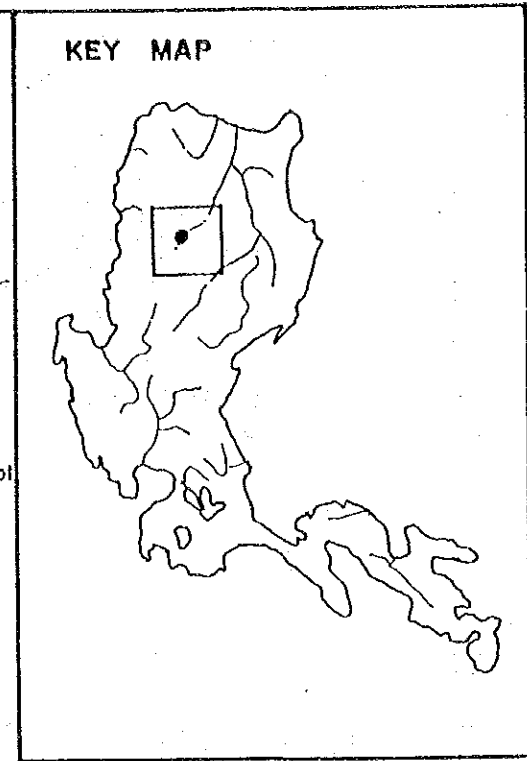
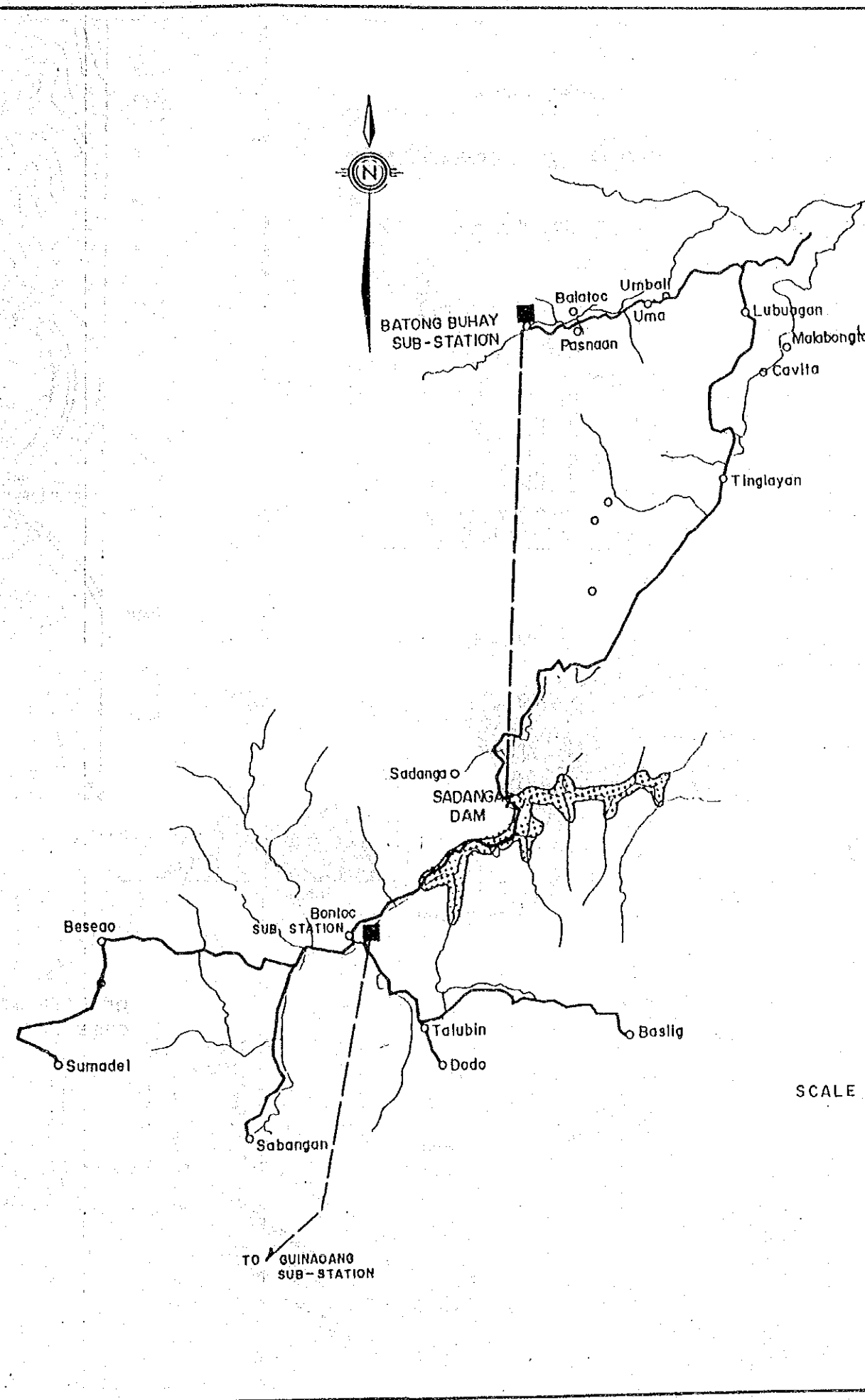
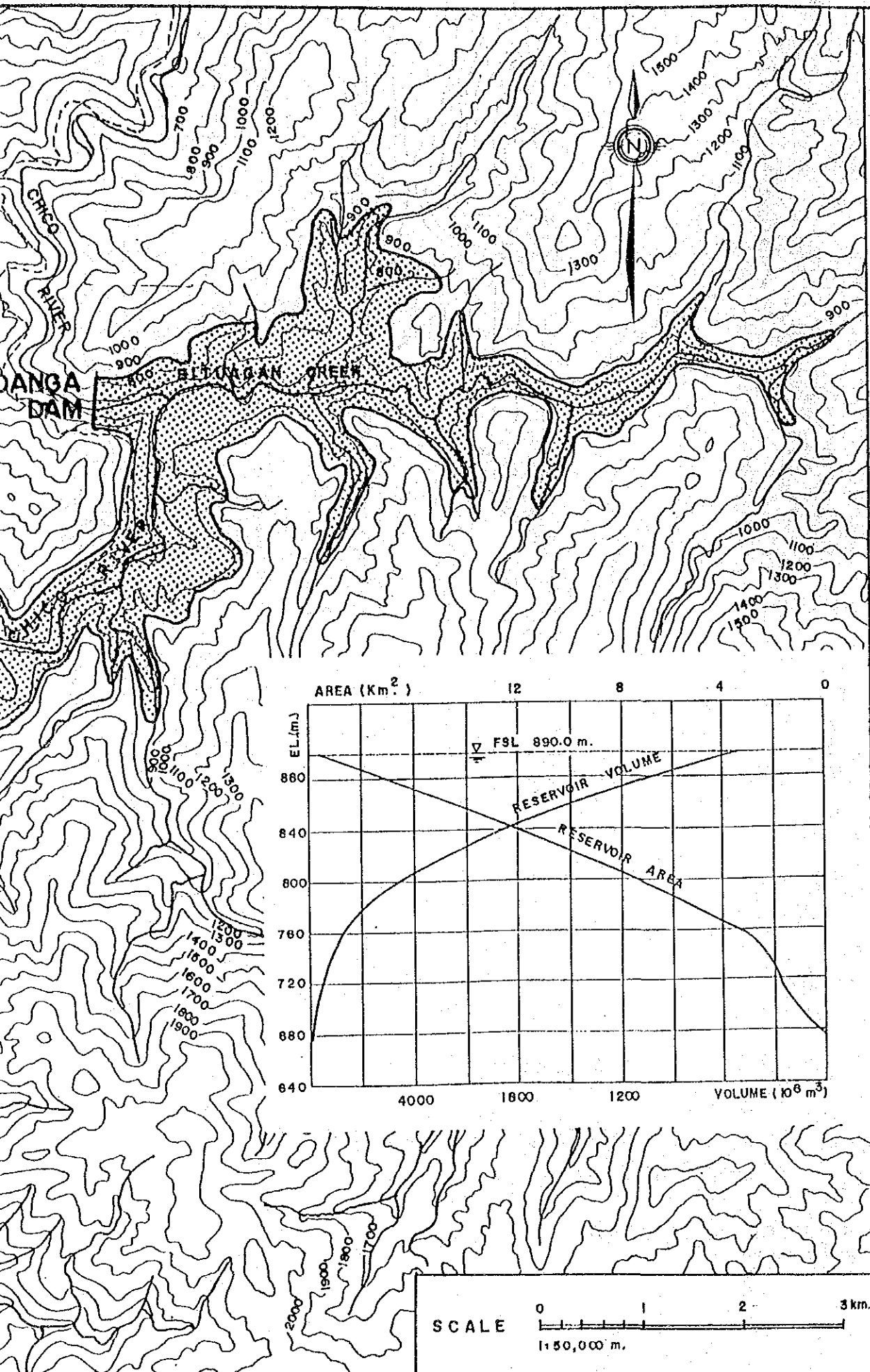


POWER HOUSE PLAN

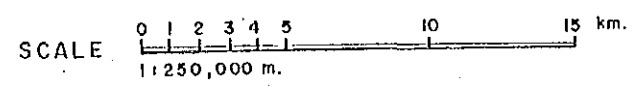
S = 1 : 1,000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-03-04-0-2 2-008-03-04-1-2		
CHICO-IR GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	37
JAPAN INTERNATIONAL COOPERATION AGENCY			

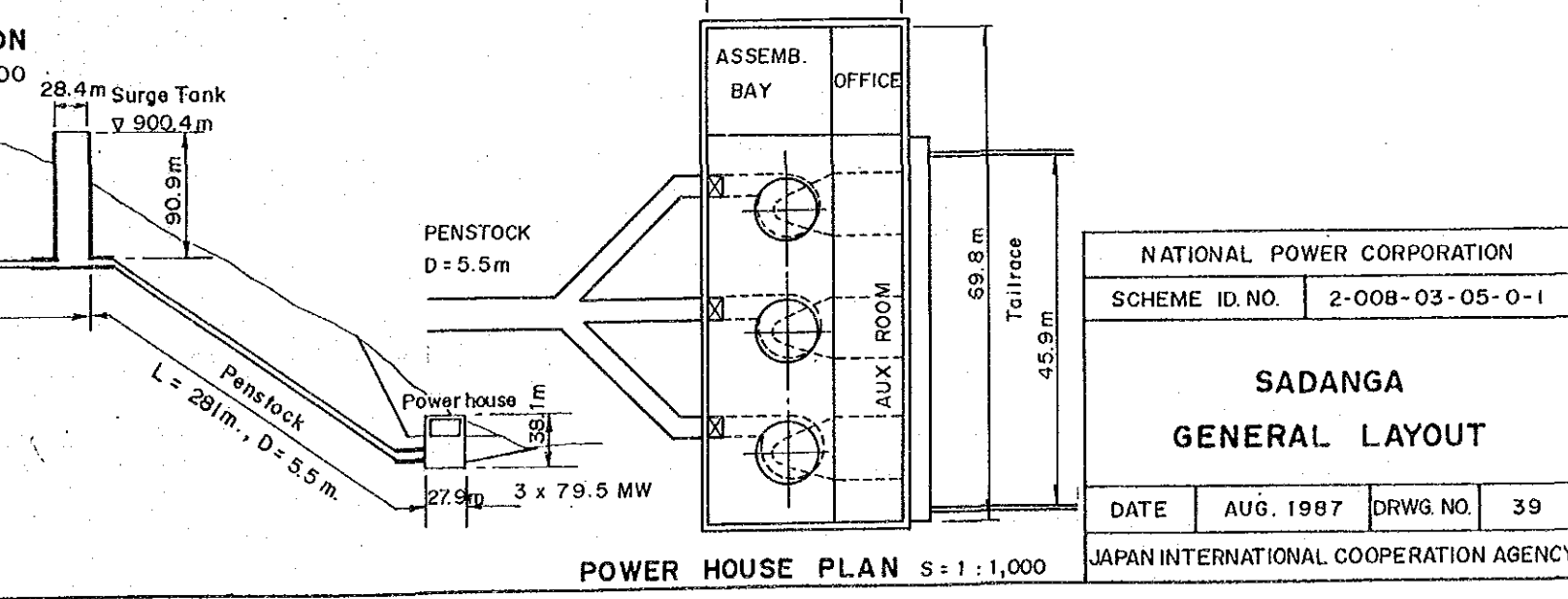
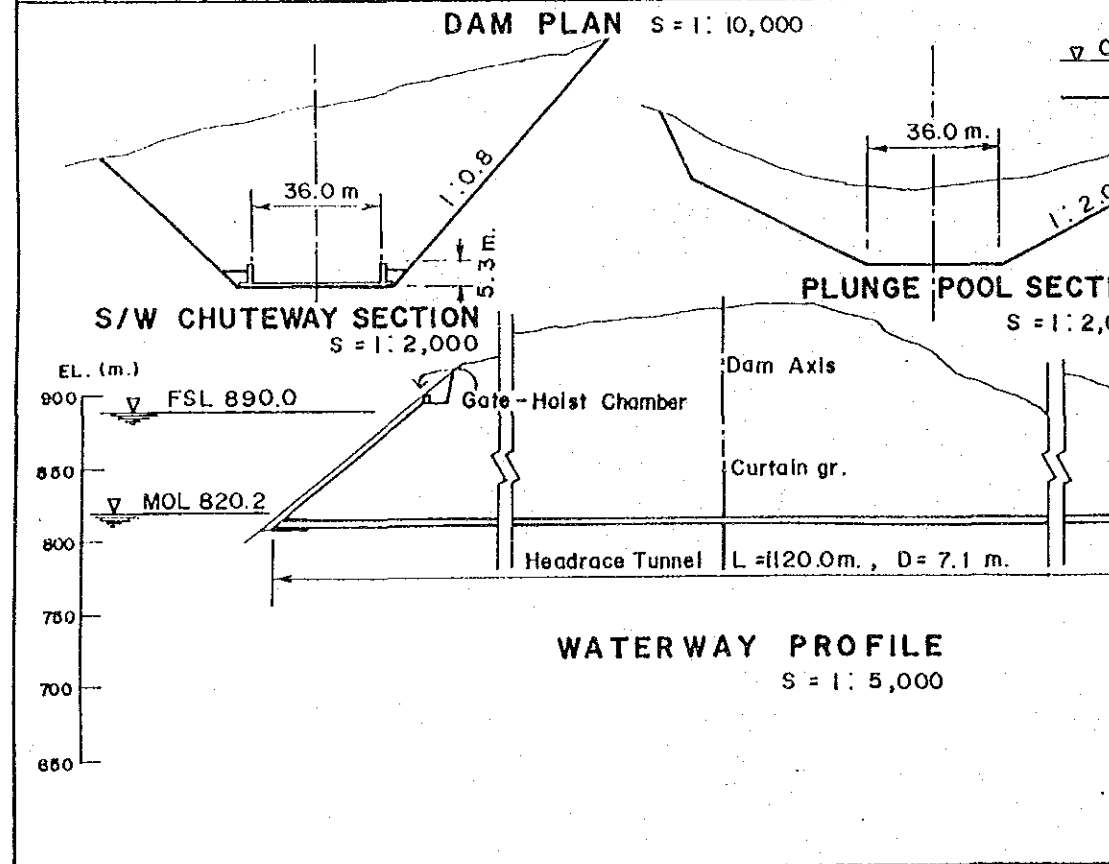
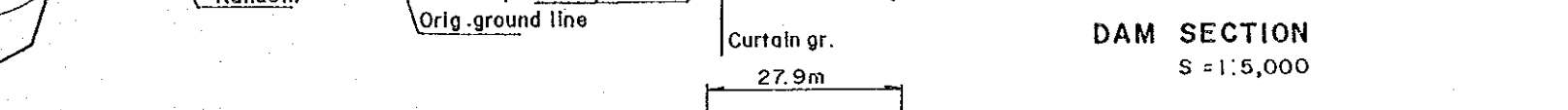
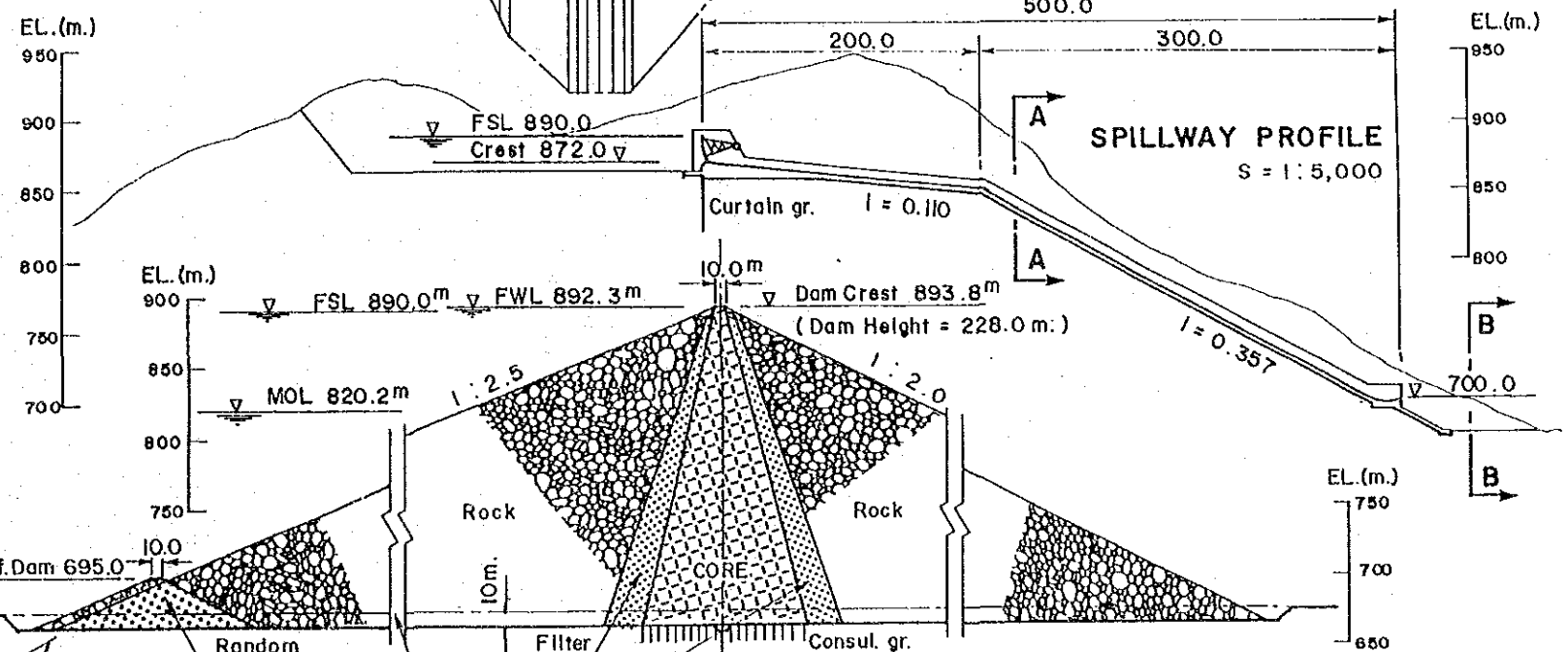
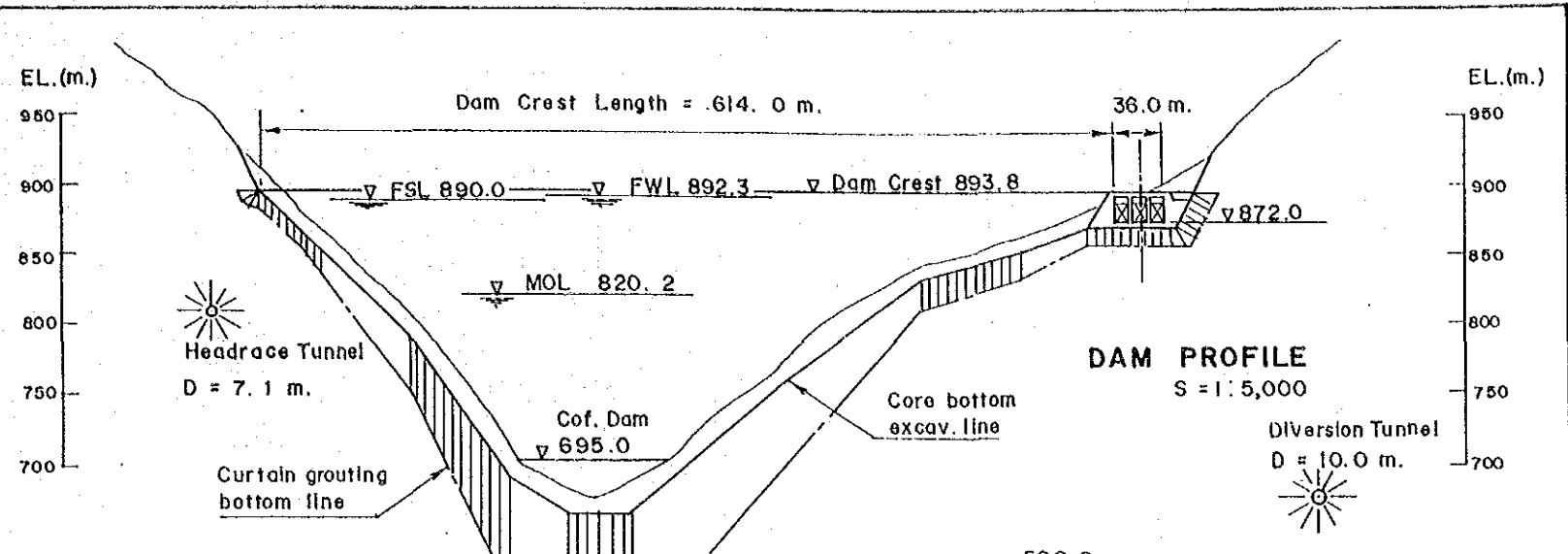
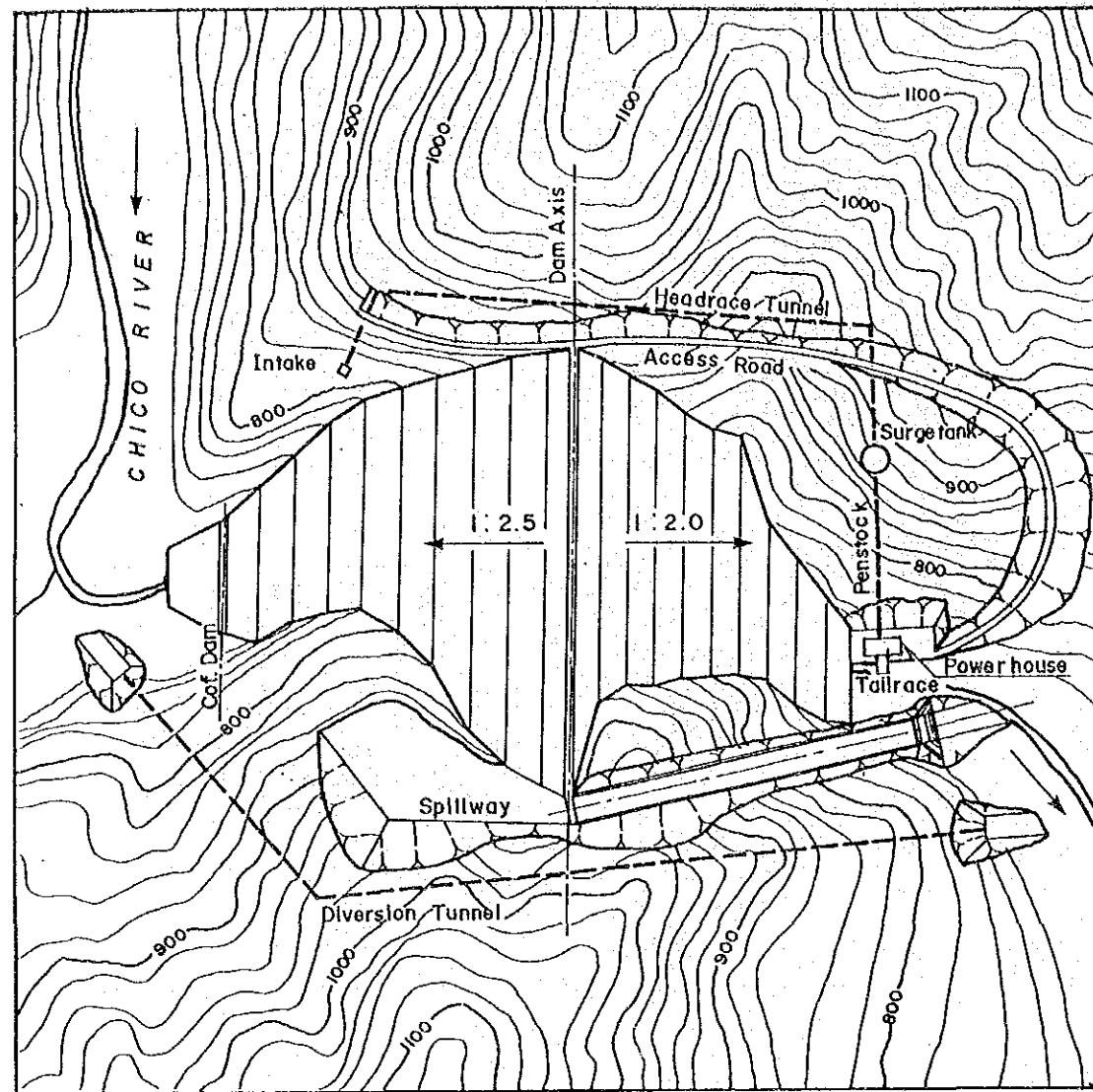




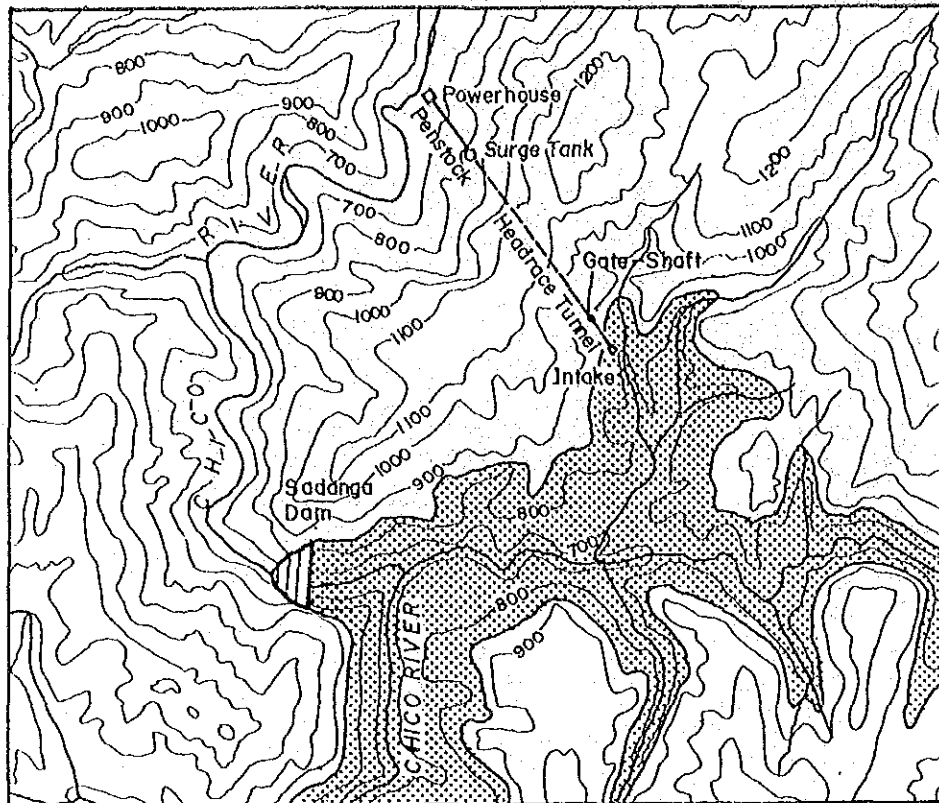
LEGEND :
 ■ SUB STATION
 --- TRANSMISSION LINE



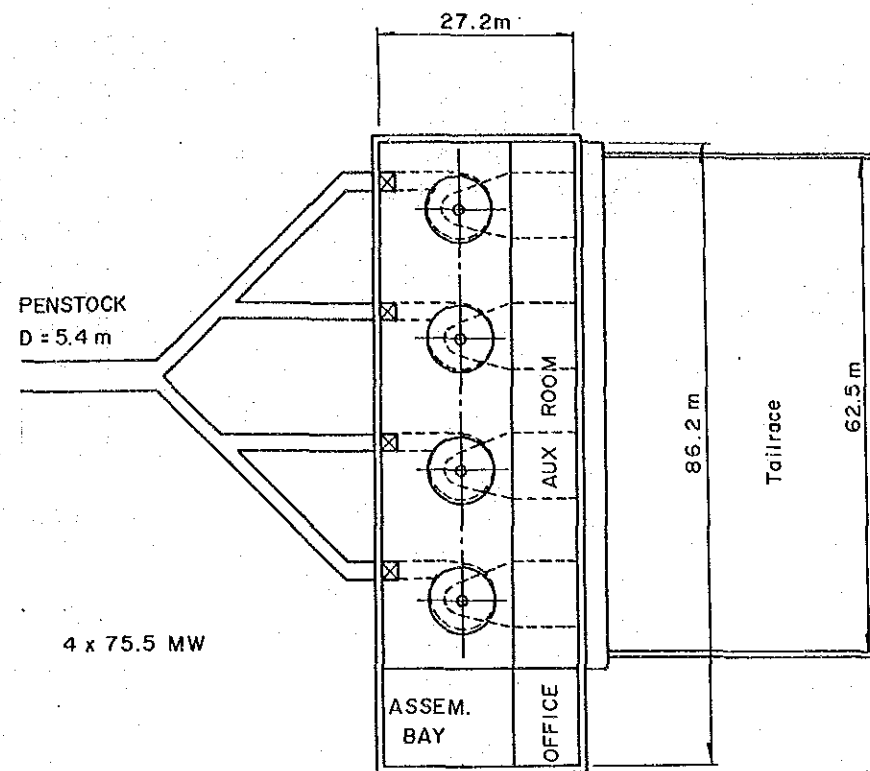
NATIONAL POWER CORPORATION	
SCHEME ID. NO.	2-008-03-05-0-1
SADANGA LOCATION MAP	
DATE	AUG. 1987
DRWG. NO.	38
JAPAN INTERNATIONAL COOPERATION AGENCY	



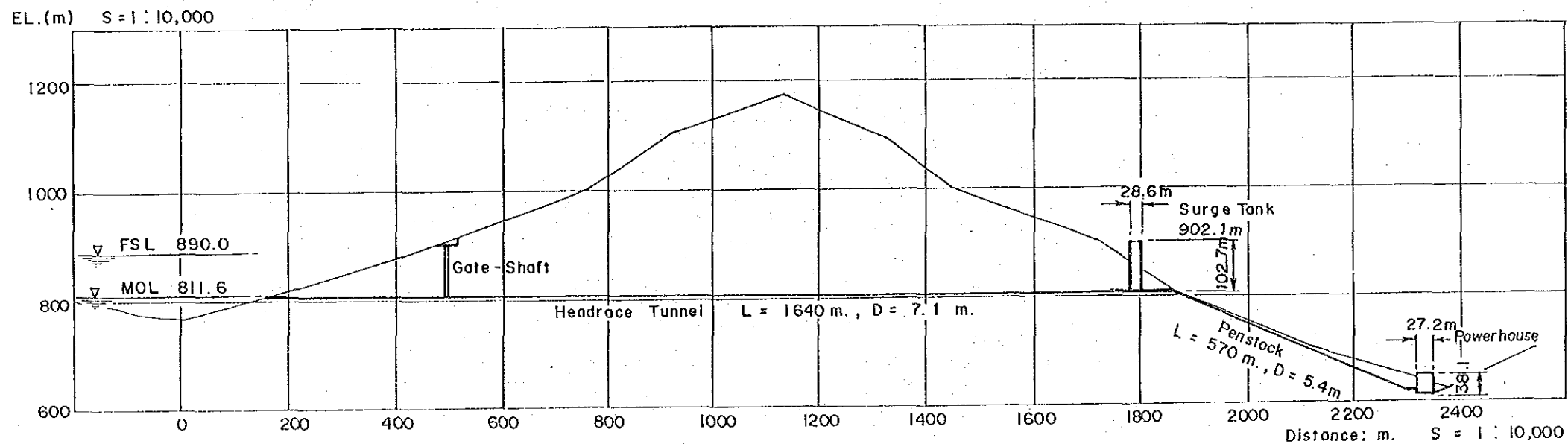
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-03-05-0-1		
SADANGA			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	39
JAPAN INTERNATIONAL COOPERATION AGENCY			



WATERWAY PLAN
S = 1 : 50,000



POWER HOUSE PLAN S = 1 : 1,000

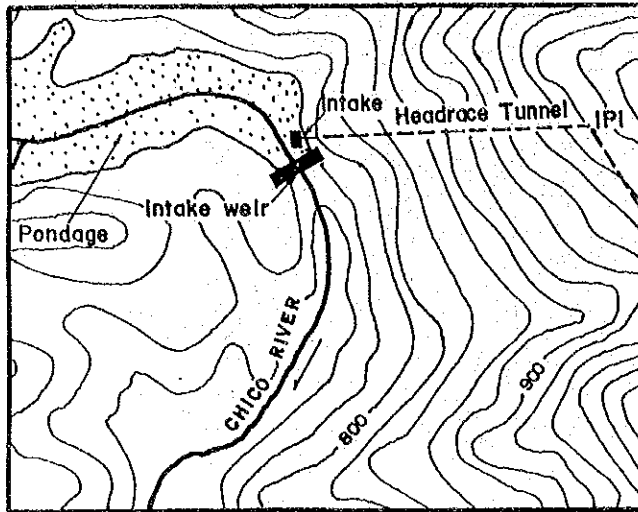


WATERWAY PROFILE
S = 1 : 10,000

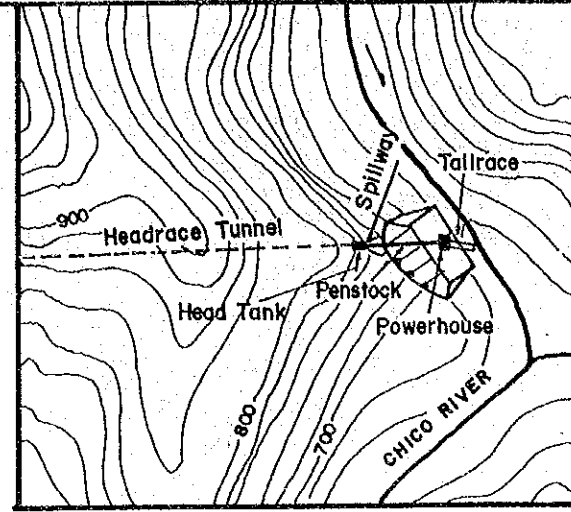
NOTE :

Other structures such as Dam, Spillway and Diversion Tunnel are the same as those of SADANGA independent scheme. (Refer to DRWG. NO. 39)

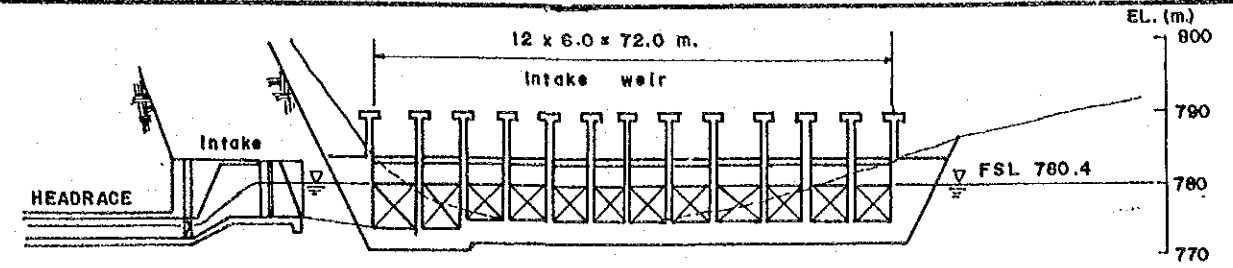
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	1-008-03-05-1-1		
SADANGA GENERAL LAYOUT Combined with CHICO-IR			
DATE	AUG. 1987	DRWG. NO.	40
JAPAN INTERNATIONAL COOPERATION AGENCY			



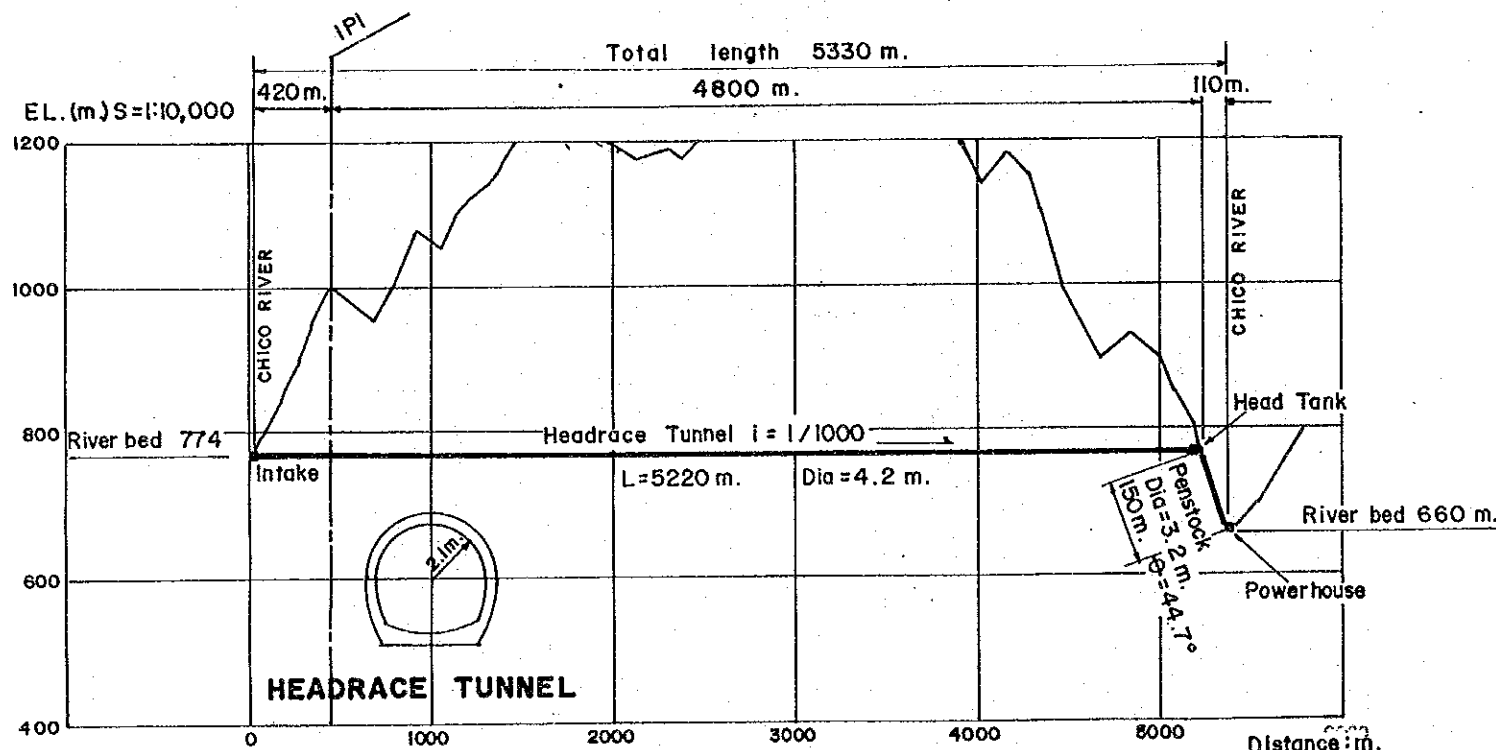
INTAKE PLAN S=1:10,000



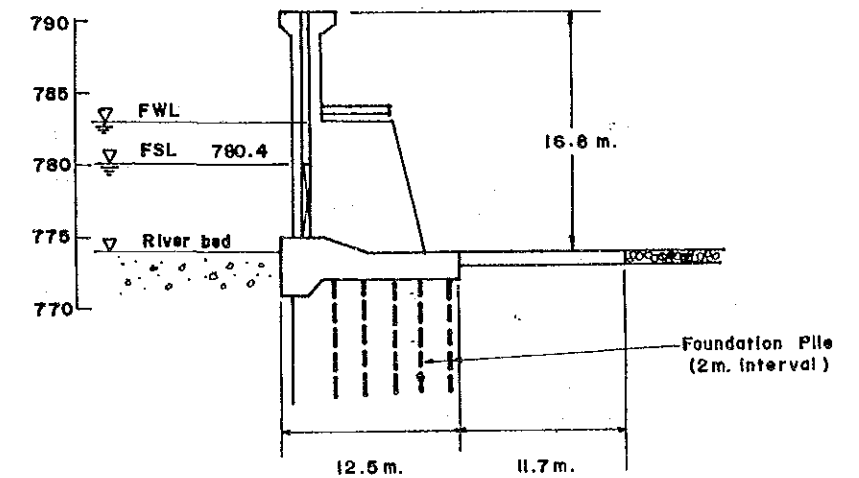
POWERHOUSE PLAN S=1:10,000



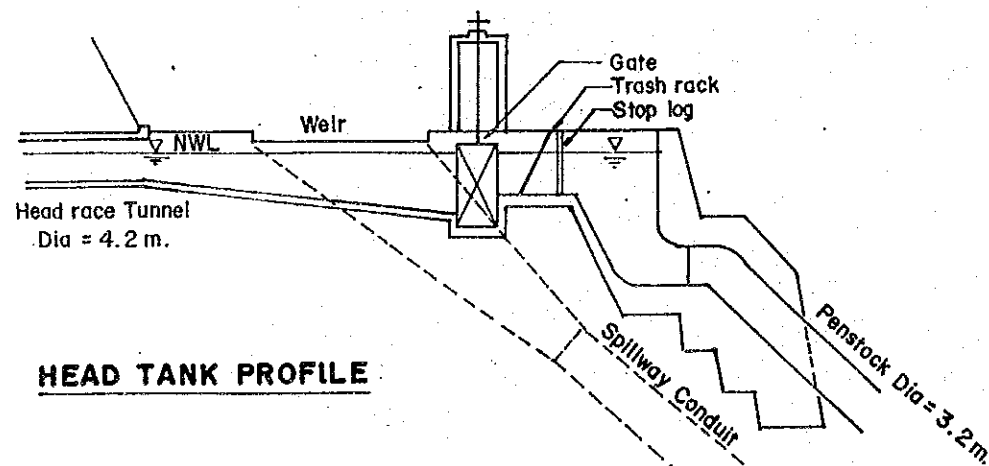
WEIR and INTAKE S=1:1000



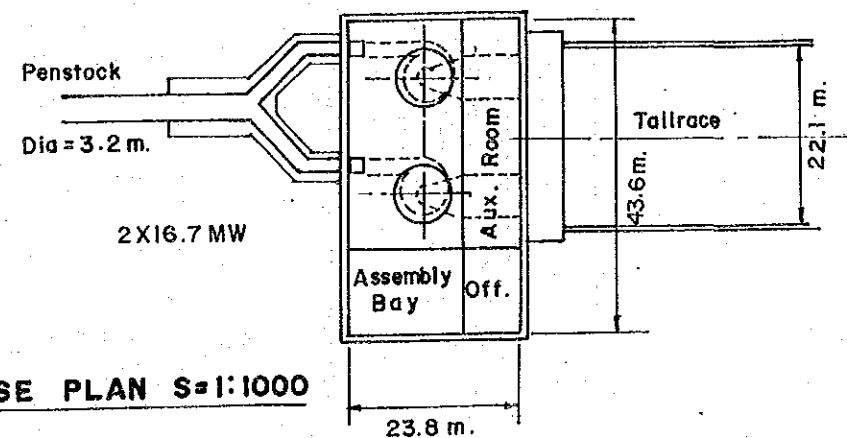
WATERWAY PROFILE S=1:40,000



INTAKE WEIR SECTION S=1:500

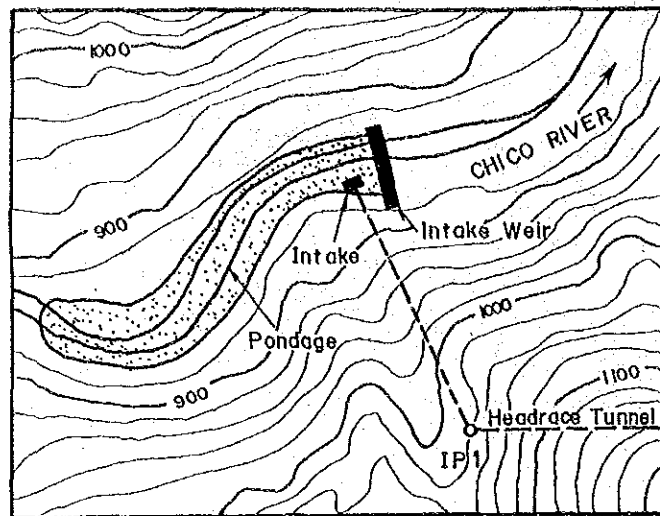


HEAD TANK PROFILE



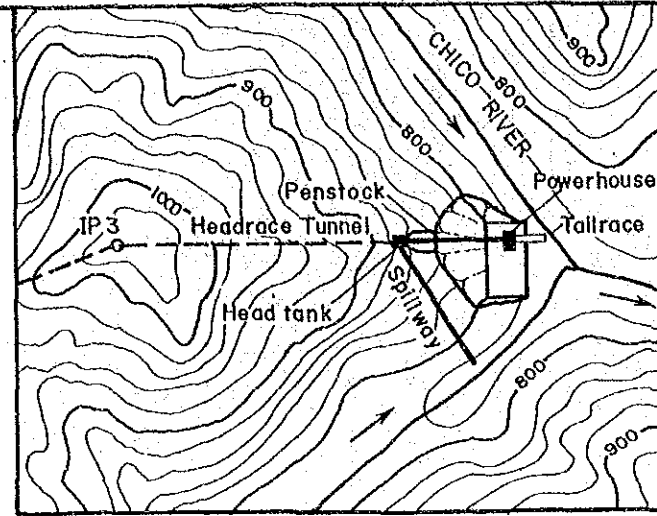
POWERHOUSE PLAN S=1:1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-03-06-0-2		
CHICO-2R			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	41
JAPAN INTERNATIONAL COOPERATION AGENCY			



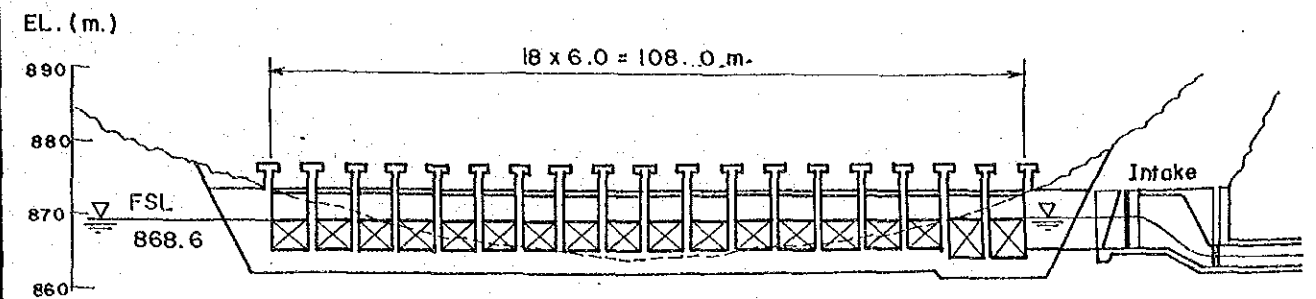
INTAKE PLAN

S = 1:10,000

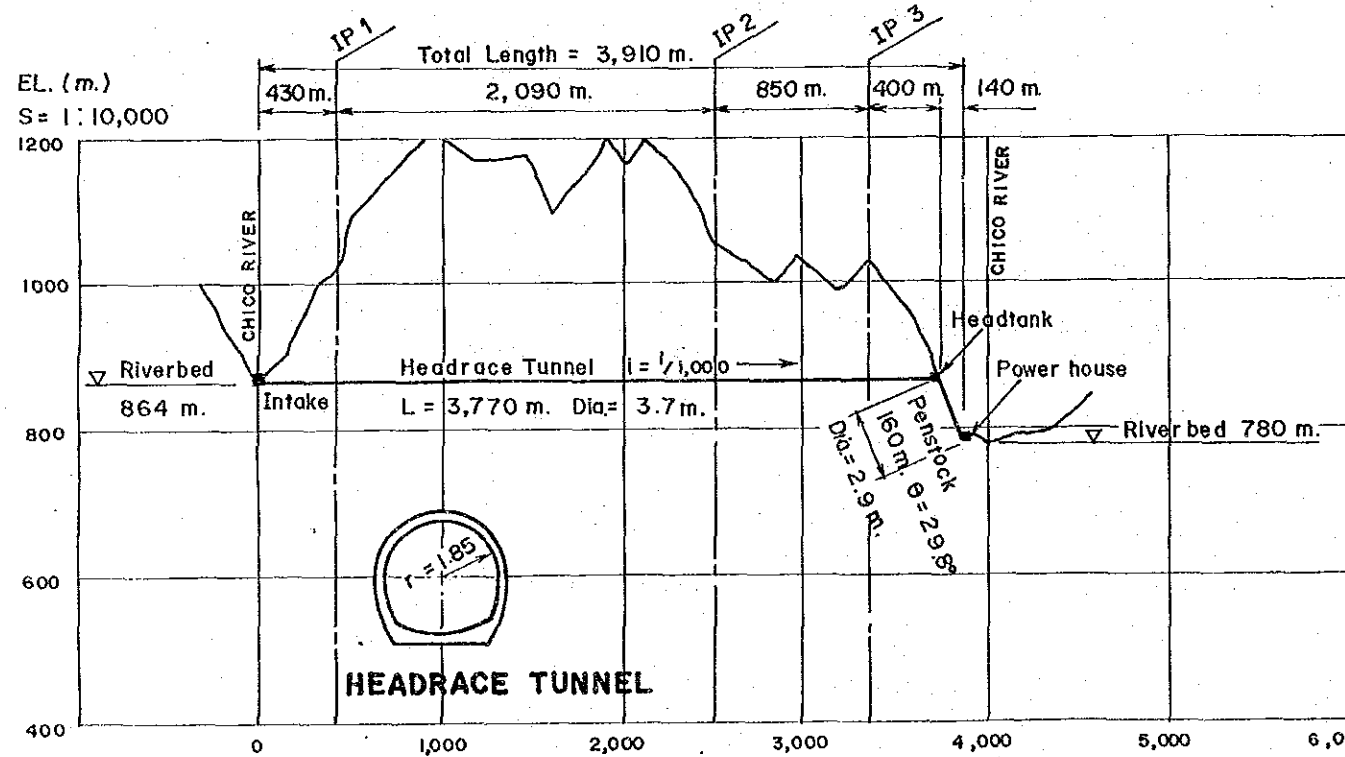


POWER HOUSE PLAN

S = 1:10,000



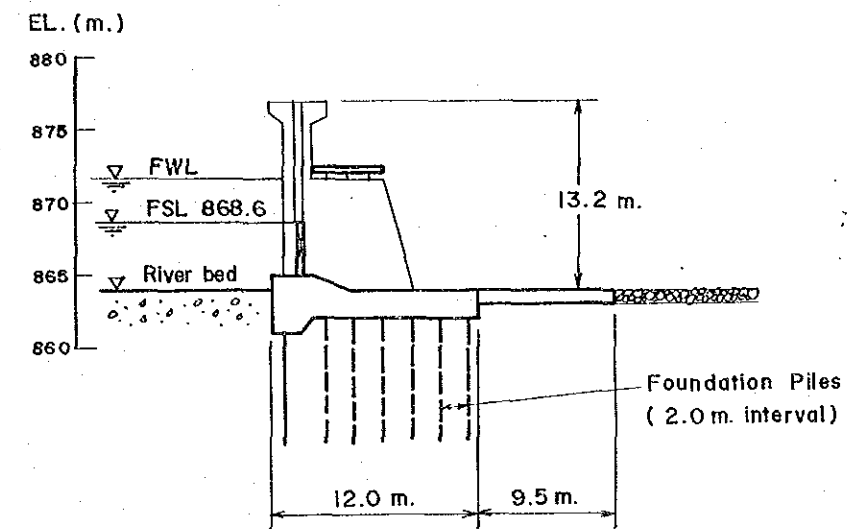
WEIR & INTAKE S=1:1000



HEADRACE TUNNEL

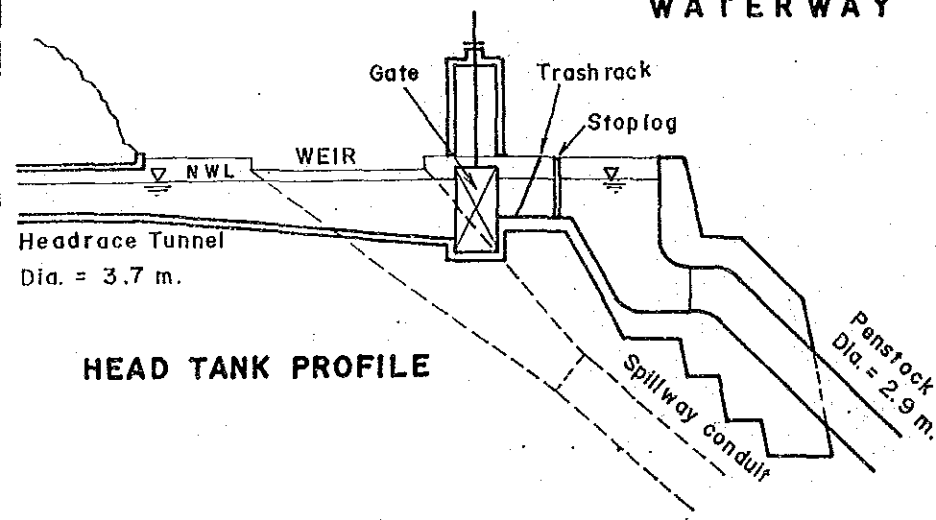
WATERWAY PROFILE

Distance : m.
S = 1:40,000

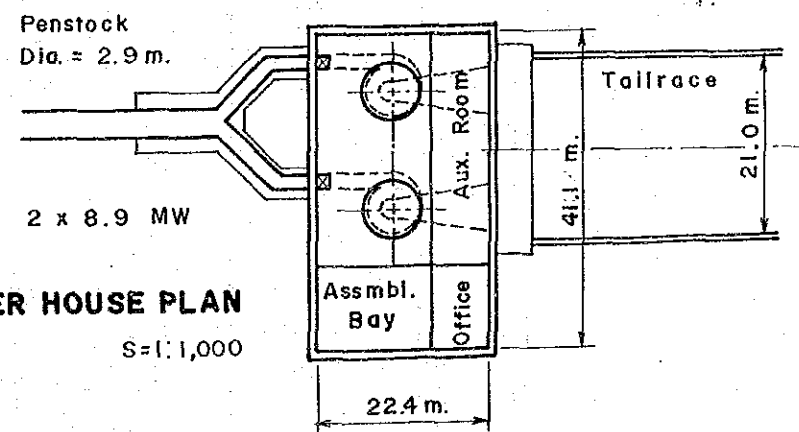


INTAKE WEIR SECTION

S = 1:500



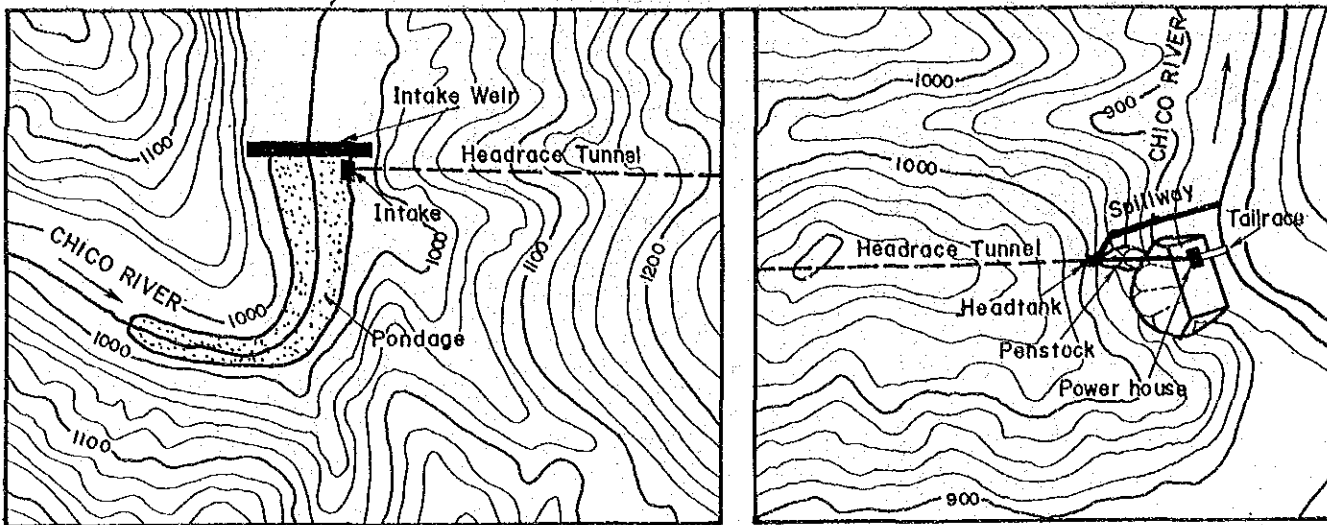
HEAD TANK PROFILE



POWER HOUSE PLAN

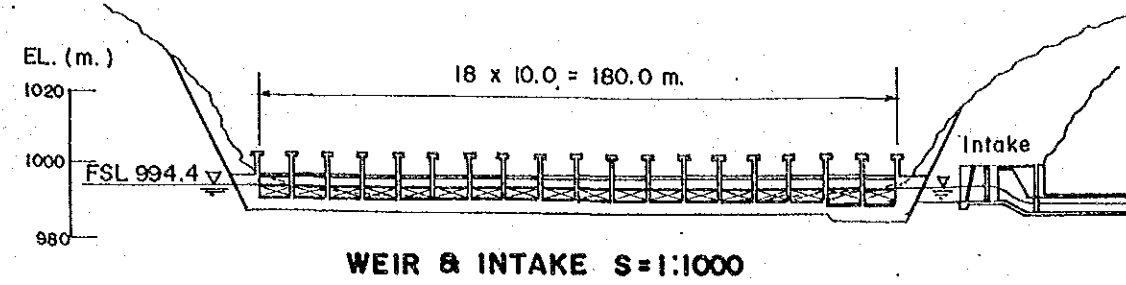
S = 1:1,000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-03-07-0-2	
CHICO-3R			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	42
JAPAN INTERNATIONAL COOPERATION AGENCY			

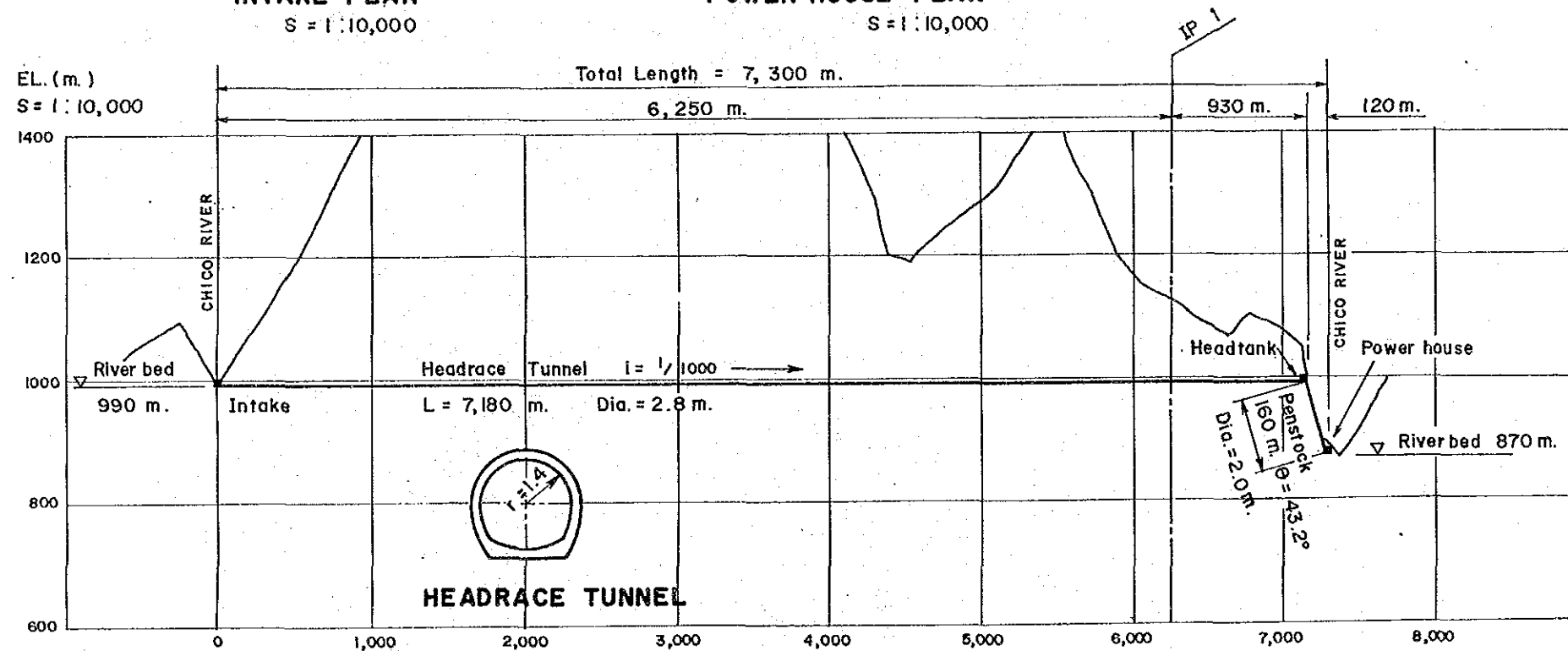


INTAKE PLAN
S = 1:10,000

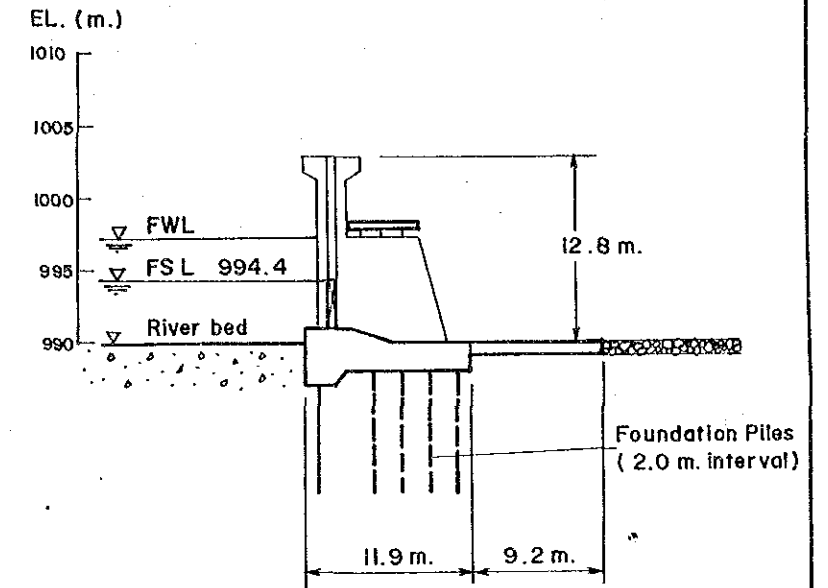
POWER HOUSE PLAN
S = 1:10,000



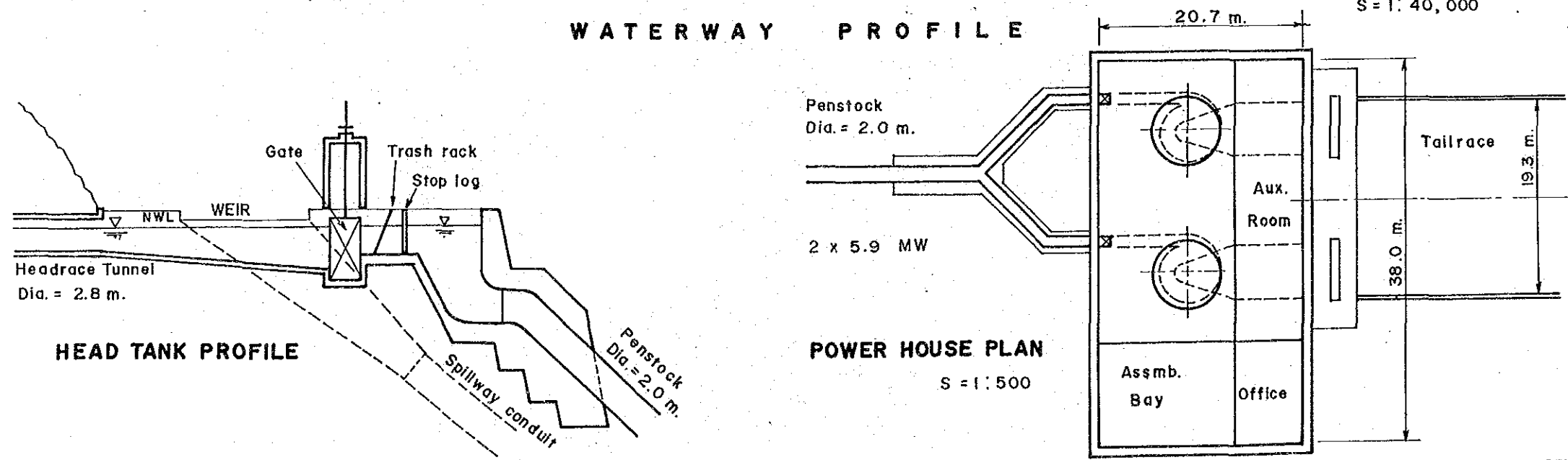
WEIR & INTAKE S=1:1000



WATERWAY PROFILE



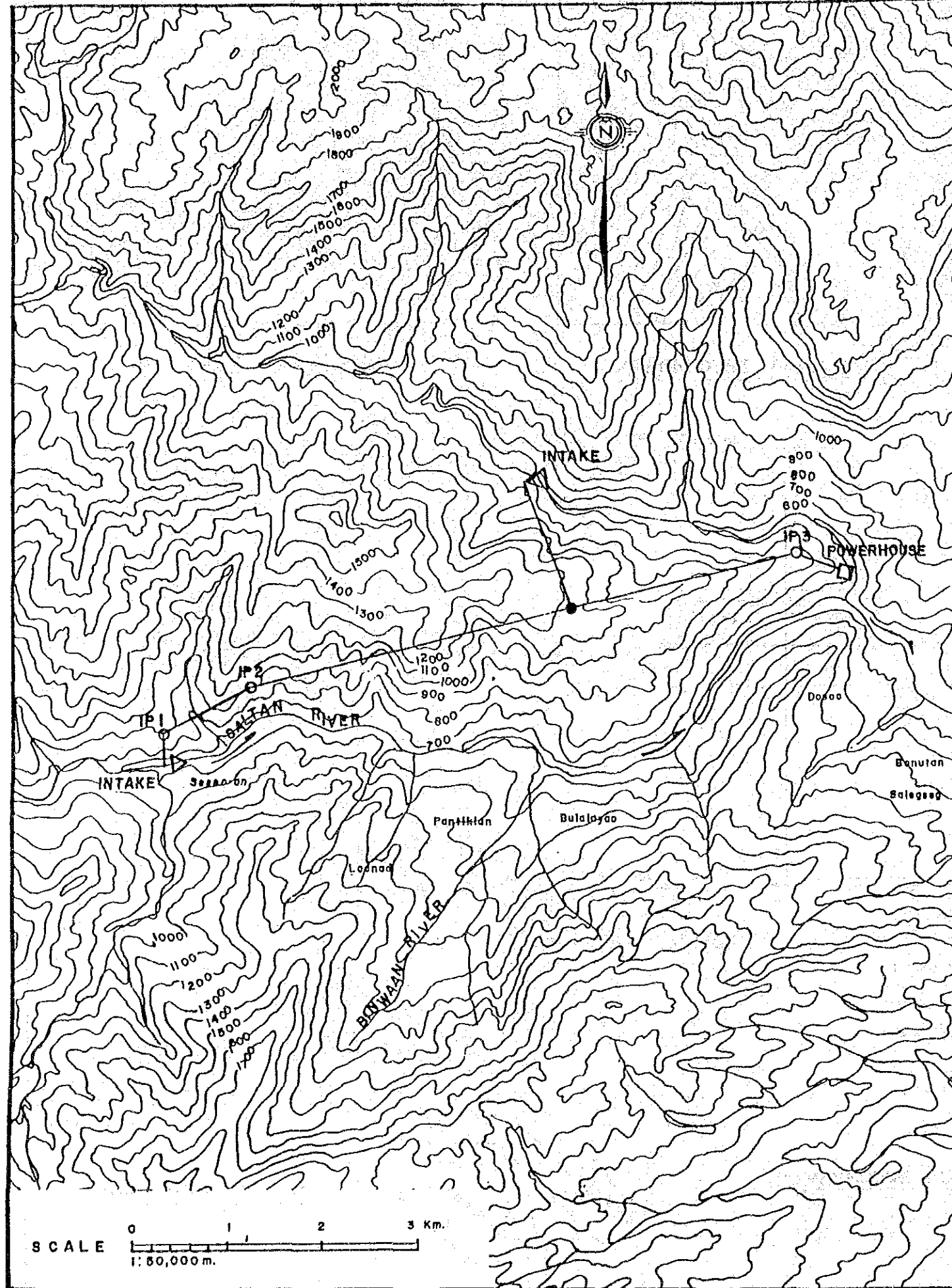
INTAKE WEIR SECTION
S = 1:500



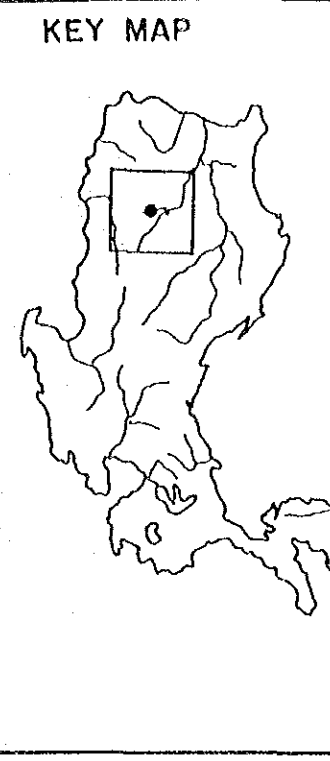
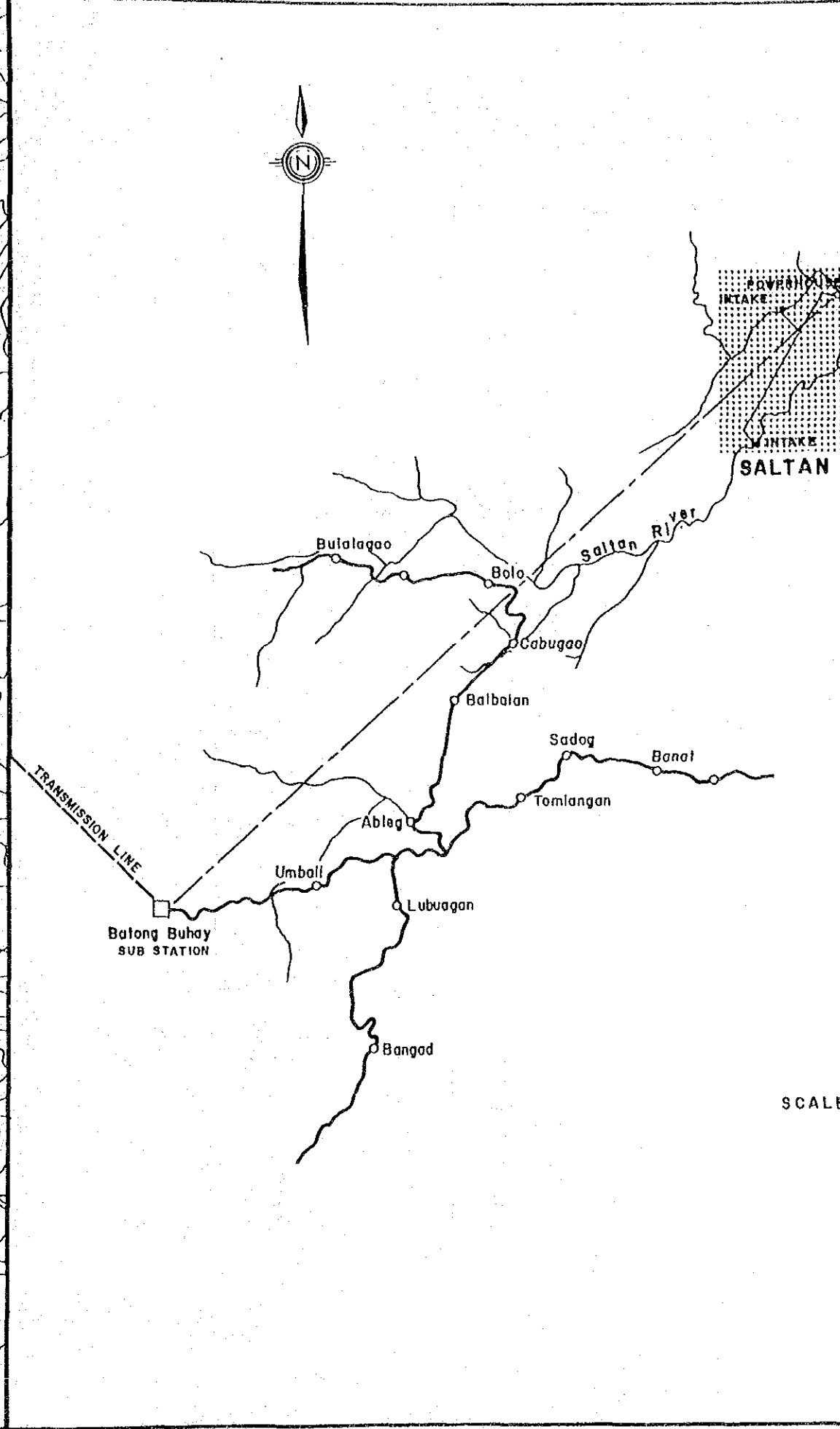
HEAD TANK PROFILE

POWER HOUSE PLAN
S = 1:500

NATIONAL POWER CORPORATION			
SCHEME ID.NO.		2-008-03-09-0-2	
CHICO-4R			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG.NO.	43
JAPAN INTERNATIONAL COOPERATION AGENCY			



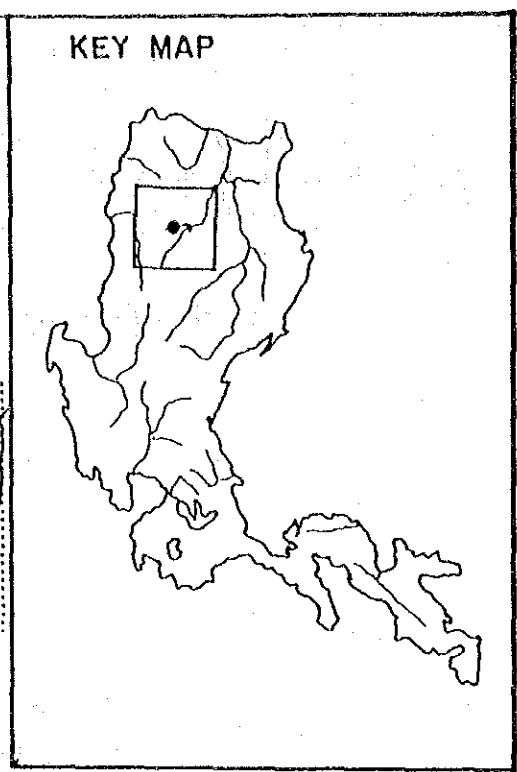
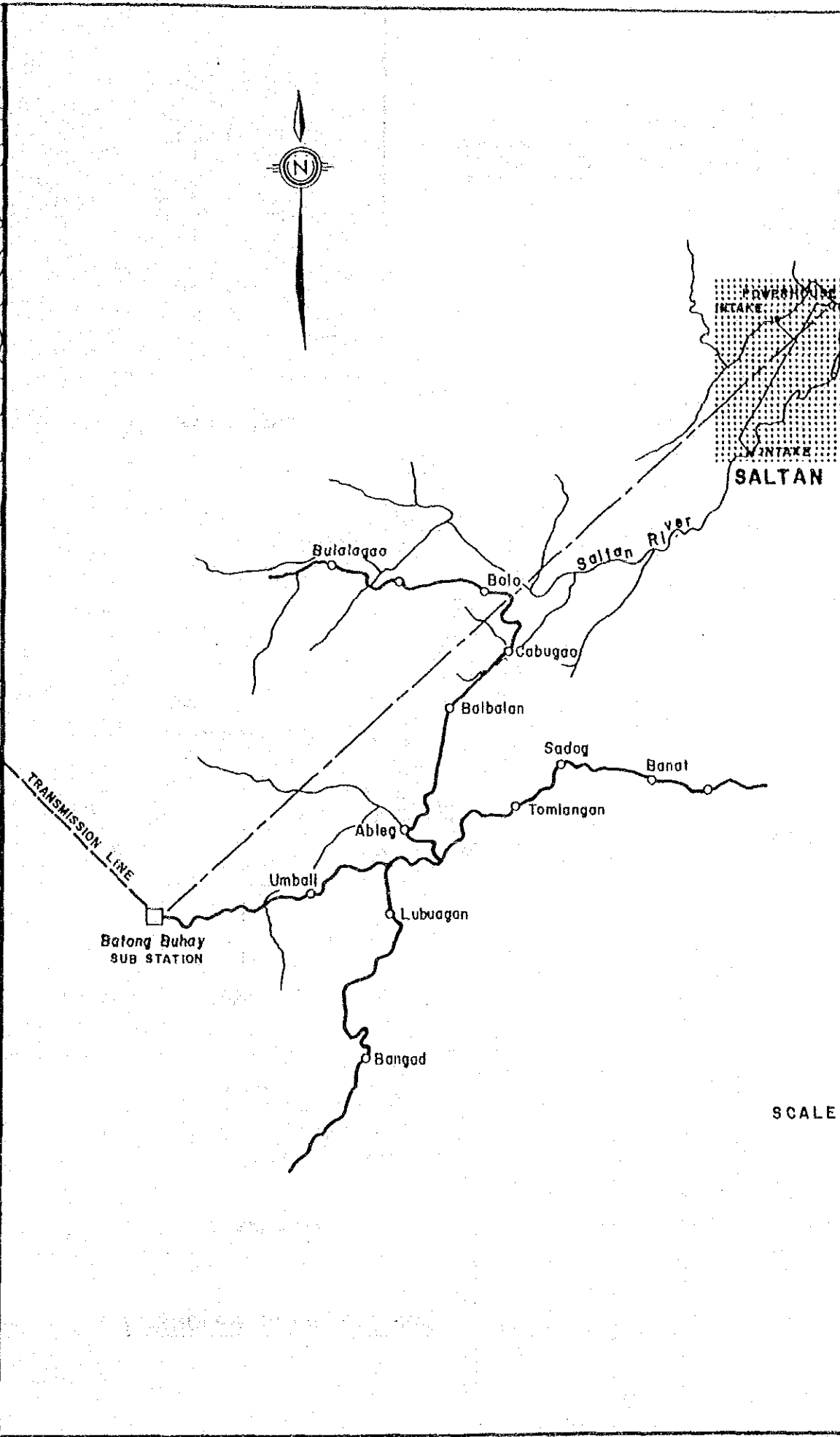
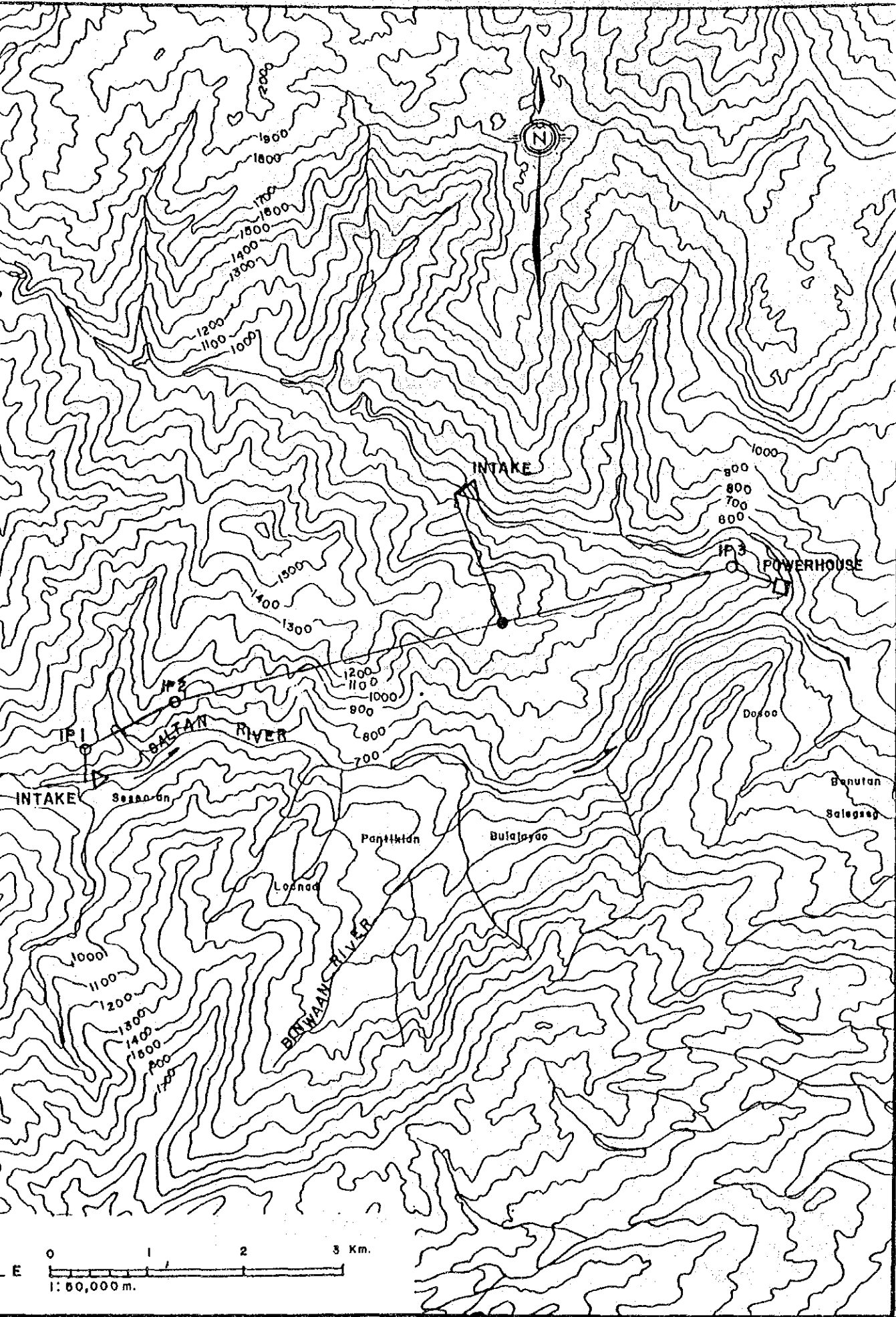
SCALE
0 1 2 3 Km.
1: 50,000 m.



LEGEND:
 ■ SUB STATION
 --- TRANSMISSION I

SCALE
0 1 2 3 4 5 10
1: 250,000 m.

NATIONAL POWER CORP		
SCHEME ID. NO.	2-008-	
SALTAN LOCATION M/		
DATE	AUG. 1987	DRW
JAPAN INTERNATIONAL COOPER		

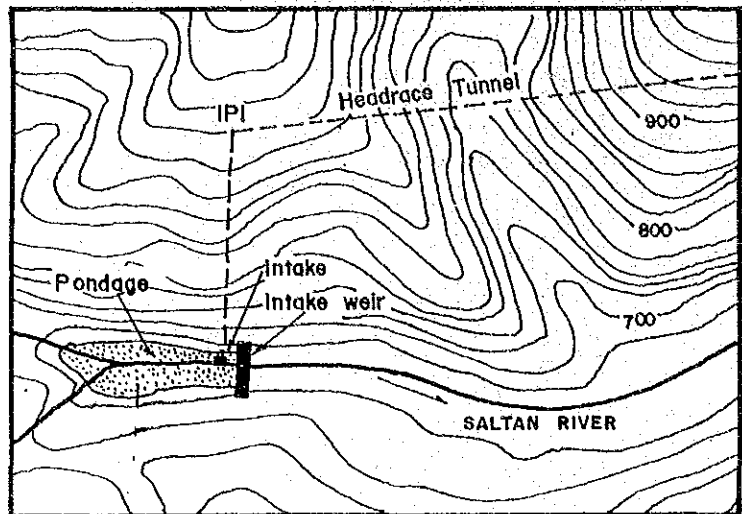


LEGEND:

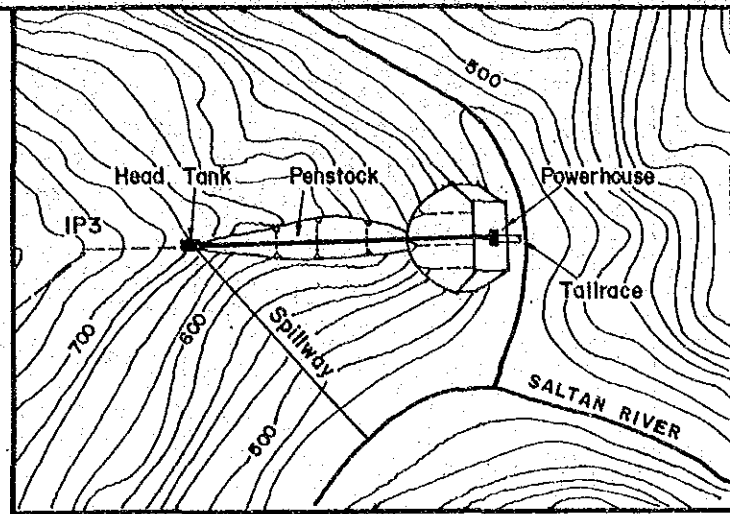
- SUB STATION
- TRANSMISSION LINE

SCALE 0 1 2 3 4 5 10 16 Km. 1:250,000 m.

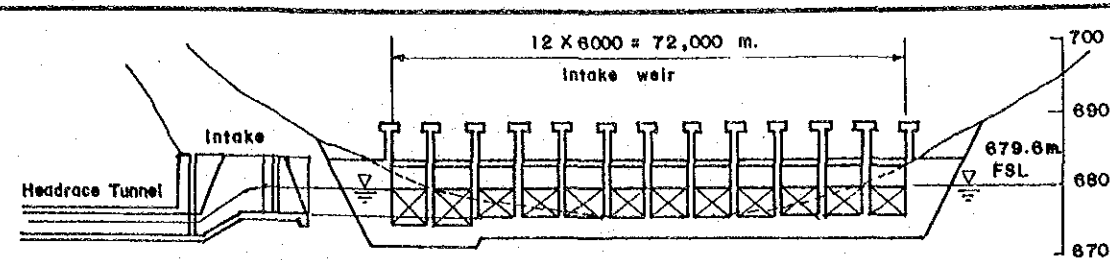
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-05-15-0-2		
SALTAN LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	44
JAPAN INTERNATIONAL COOPERATION AGENCY			



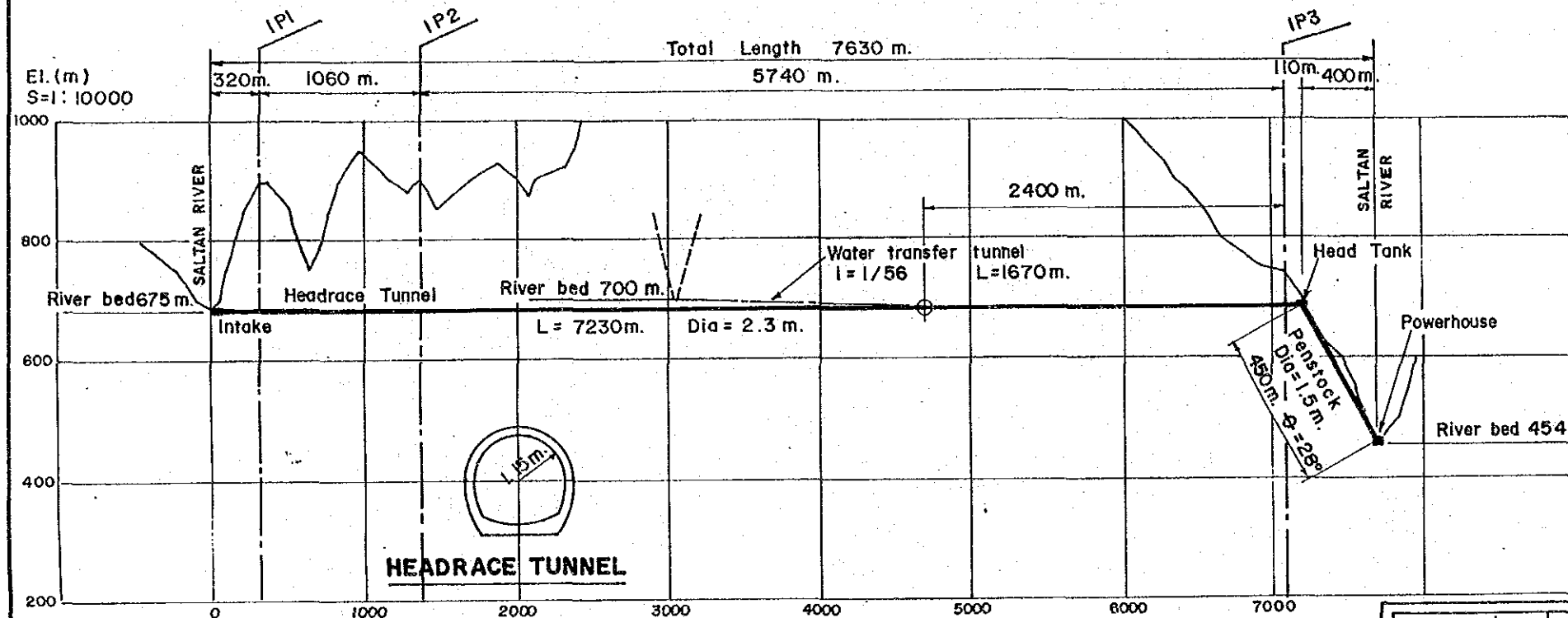
INTAKE PLAN S=1:10,000



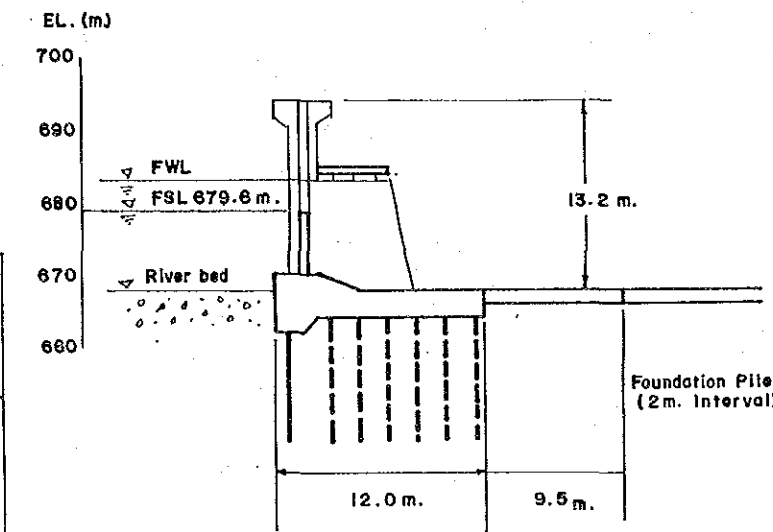
POWERHOUSE PLAN S=1:10,000



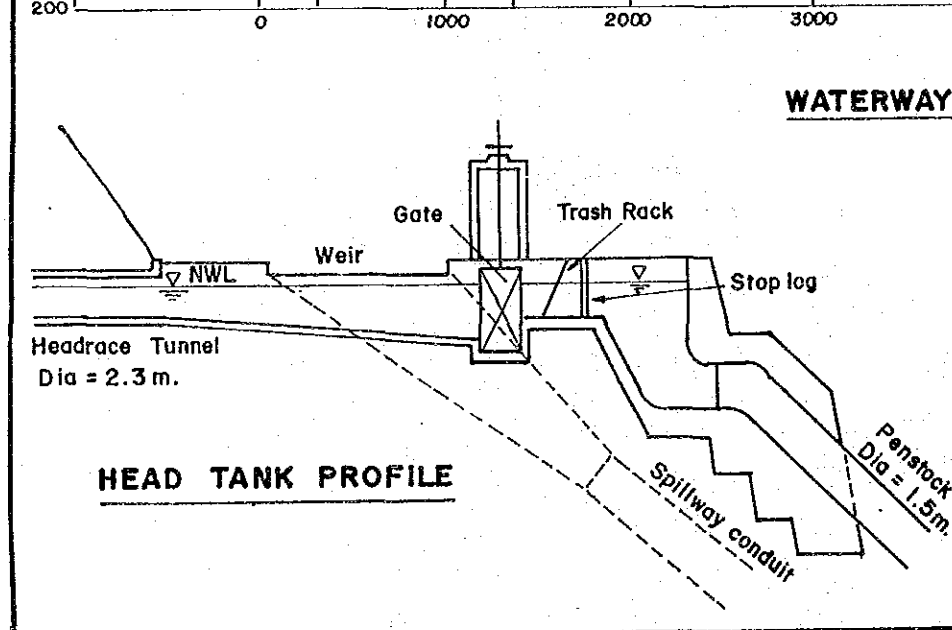
WEIR and INTAKE S=1:1000



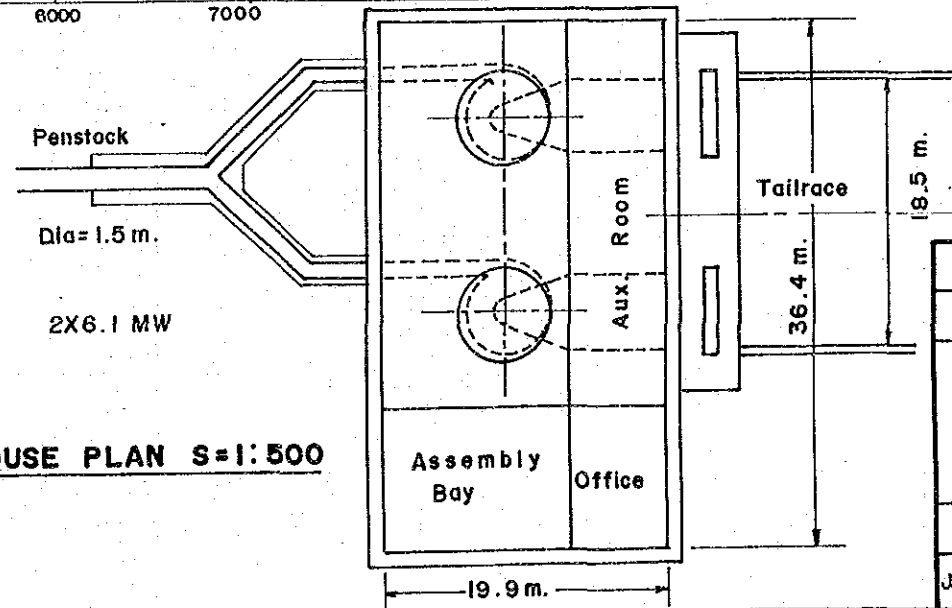
WATERWAY PROFILE



INTAKE WEIR SECTION S=1:500

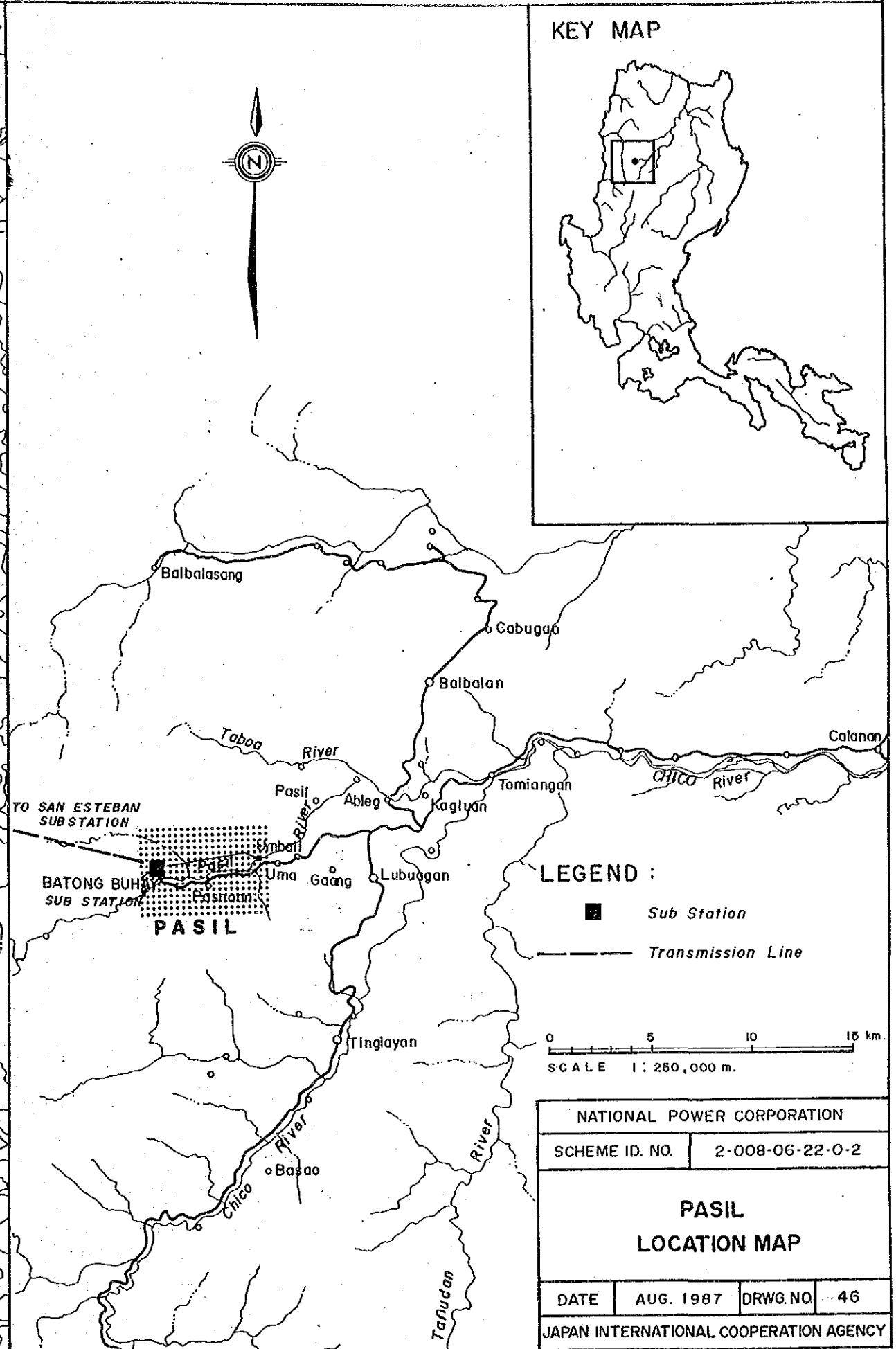
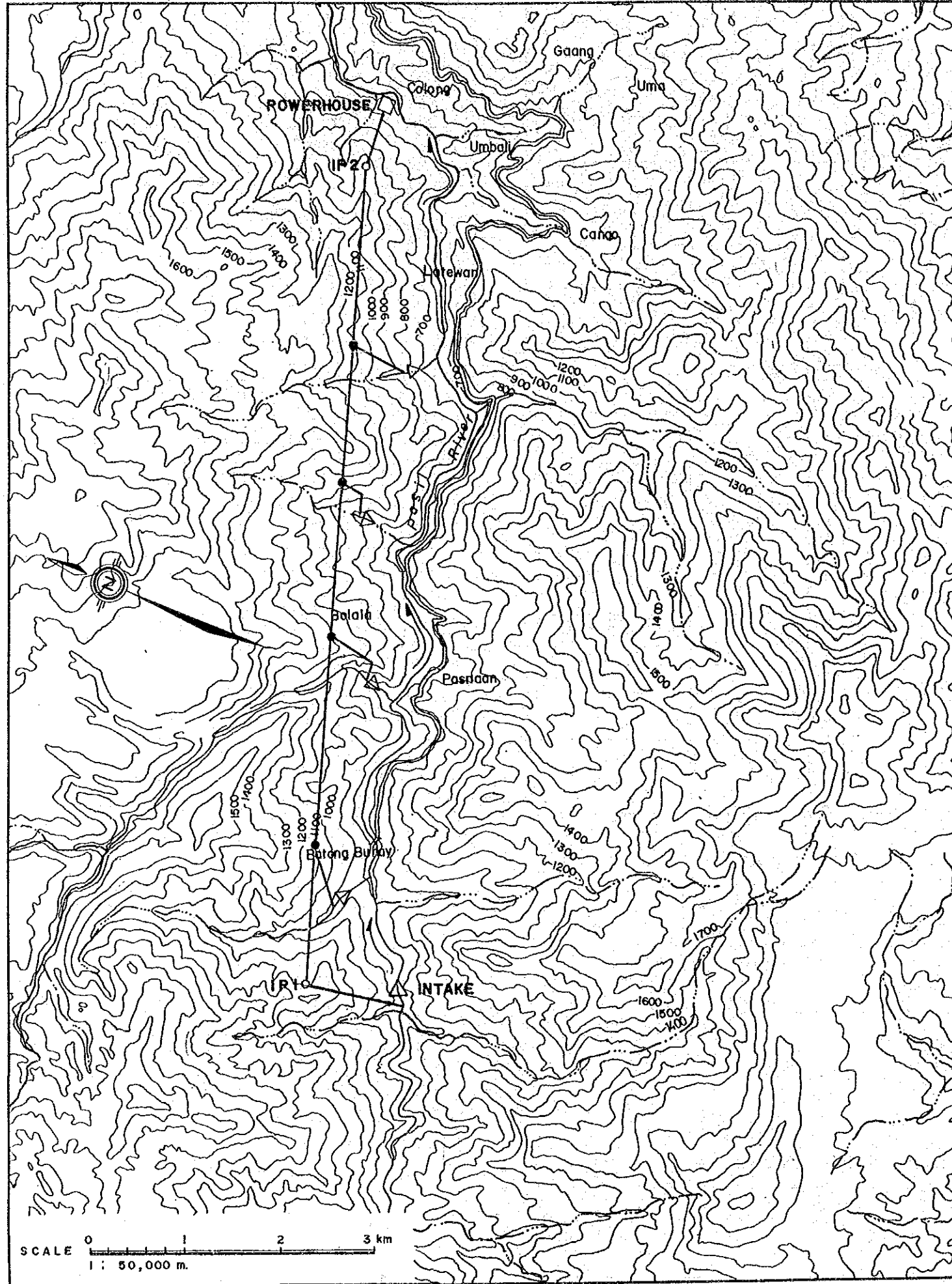


HEAD TANK PROFILE

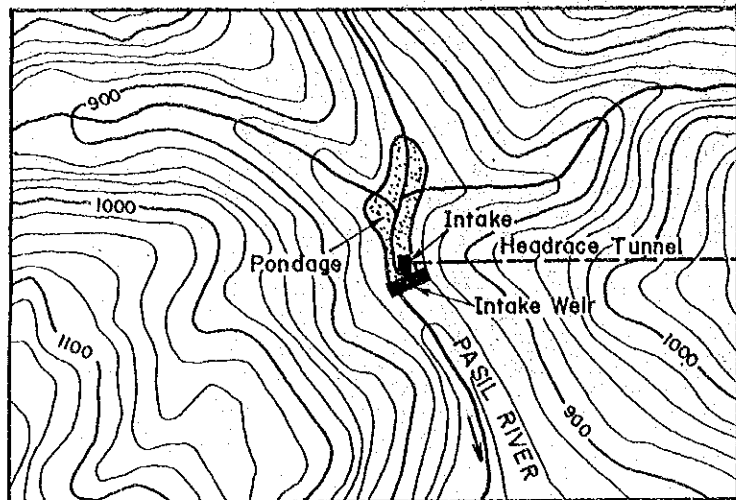


POWERHOUSE PLAN S=1:500

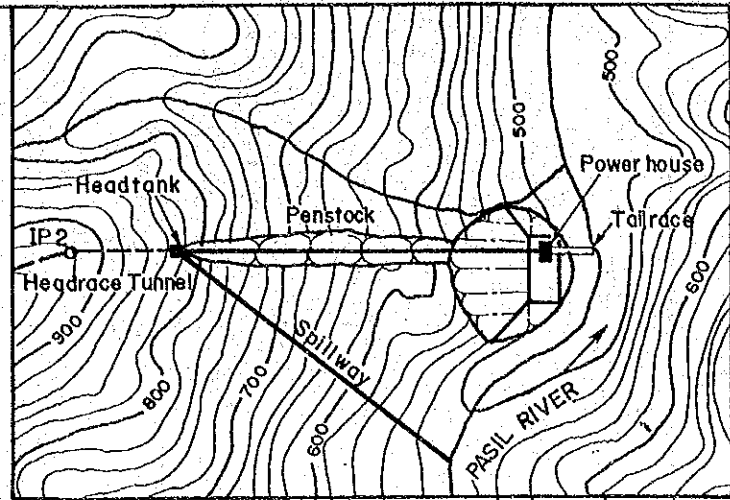
NATIONAL POWER CORPORATION			
SCHEME ID. NO	2-008-05-15-0-2		
SALTAN			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	45
JAPAN INTERNATIONAL COOPERATION AGENCY			



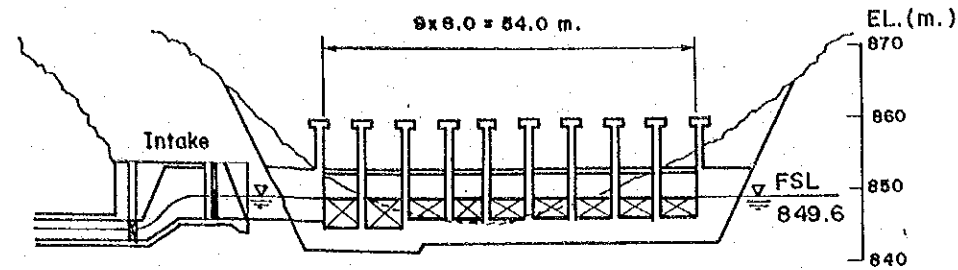
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-06-22-0-2	
PASIL LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	46
JAPAN INTERNATIONAL COOPERATION AGENCY			



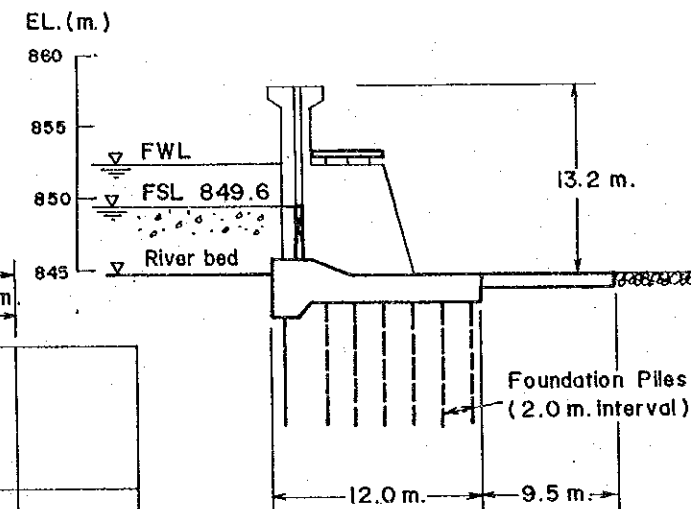
INTAKE PLAN
S = 1:10,000



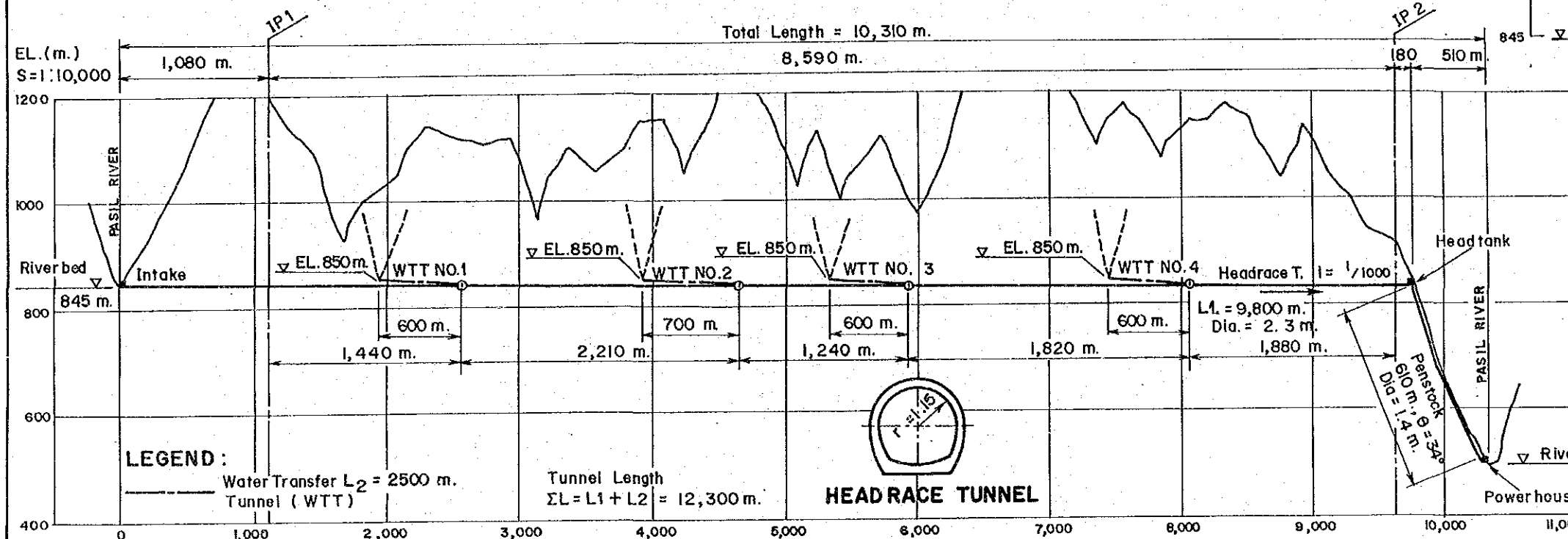
POWER HOUSE PLAN
S = 1:10,000



WEIR & INTAKE S = 1:1000



INTAKE WEIR SECTION
S = 1:500



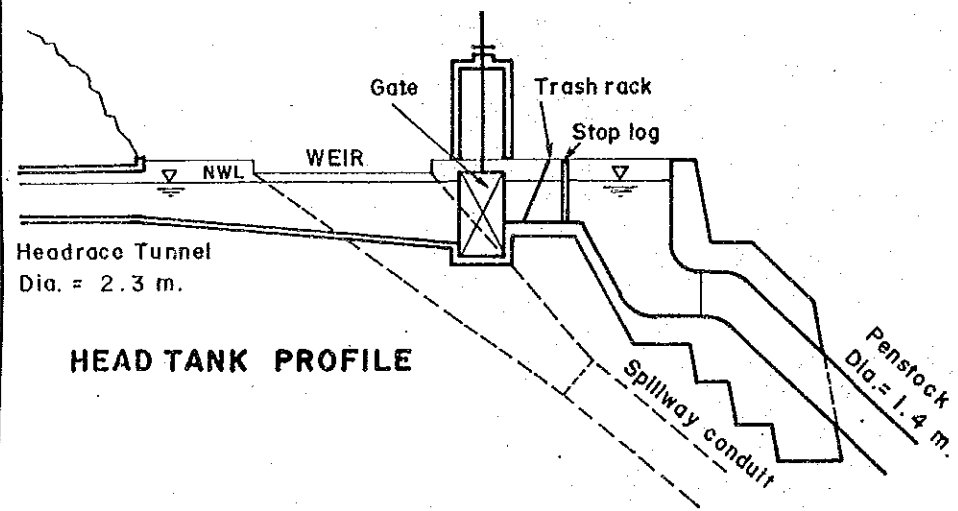
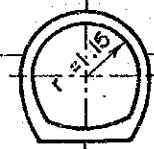
WATERWAY PROFILE

LEGEND:

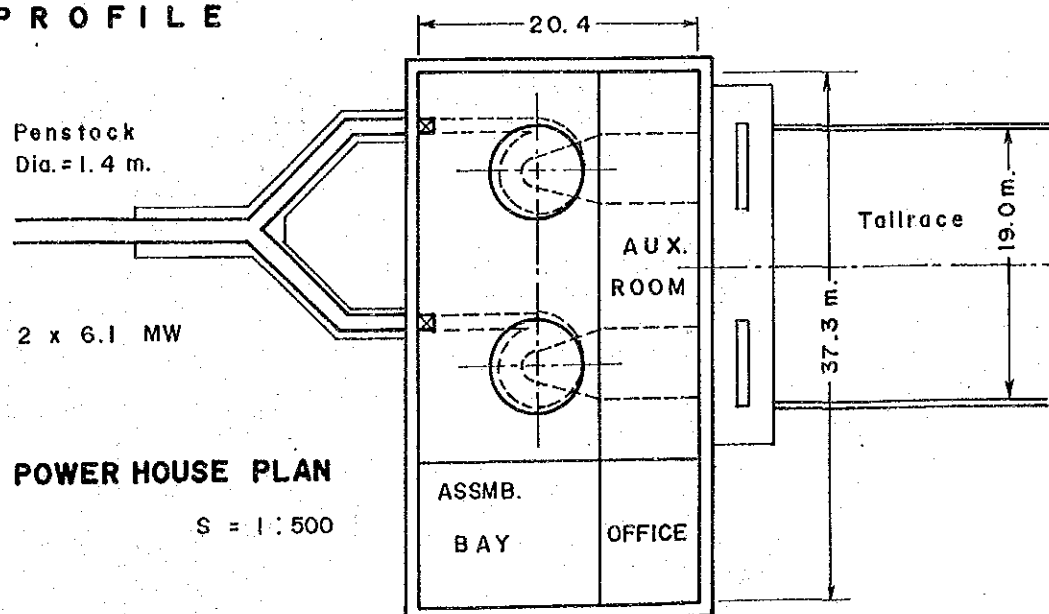
Water Transfer $L_2 = 2500$ m.
Tunnel (WTT)

Tunnel Length
 $\Sigma L = L_1 + L_2 = 12,300$ m.

HEADRACE TUNNEL



HEAD TANK PROFILE



POWER HOUSE PLAN
S = 1:500

Distance : m.
S = 1:40,000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-06-22-0-2		
PASIL			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	47
JAPAN INTERNATIONAL COOPERATION AGENCY			