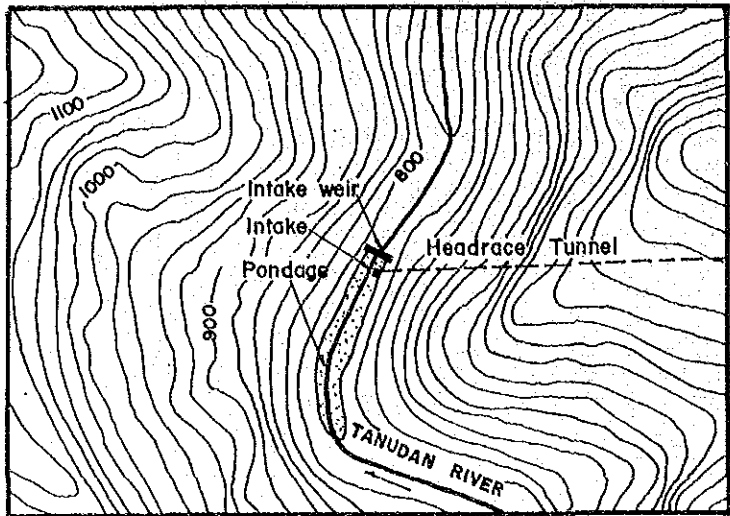
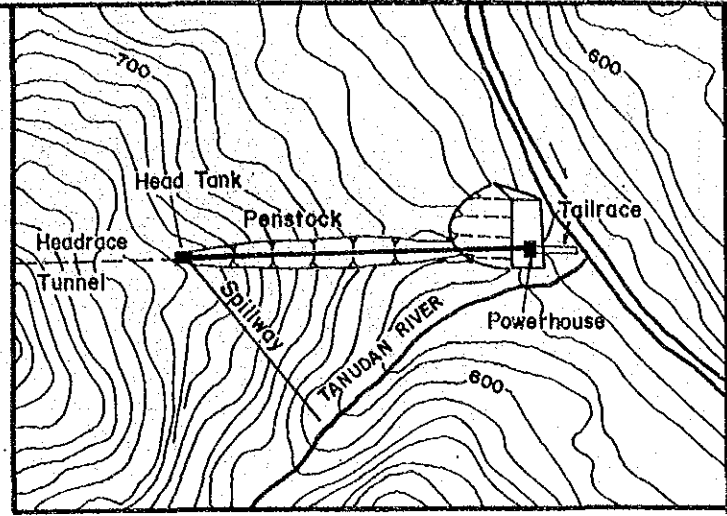


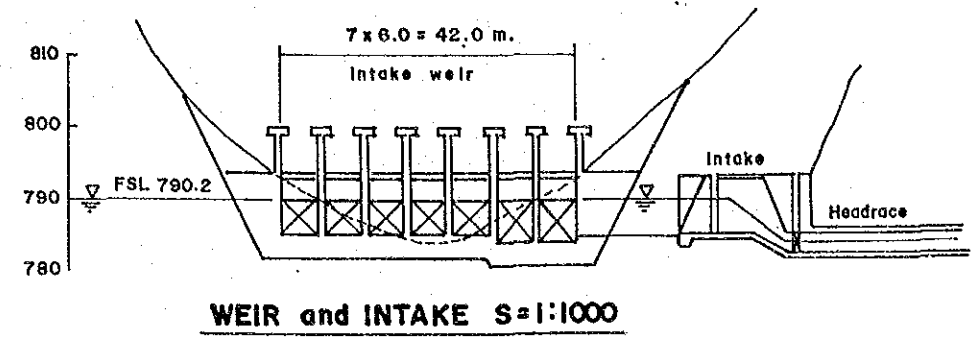
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-06-23-0-2	
TANUDAN LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	48
JAPAN INTERNATIONAL COOPERATION AGENCY			



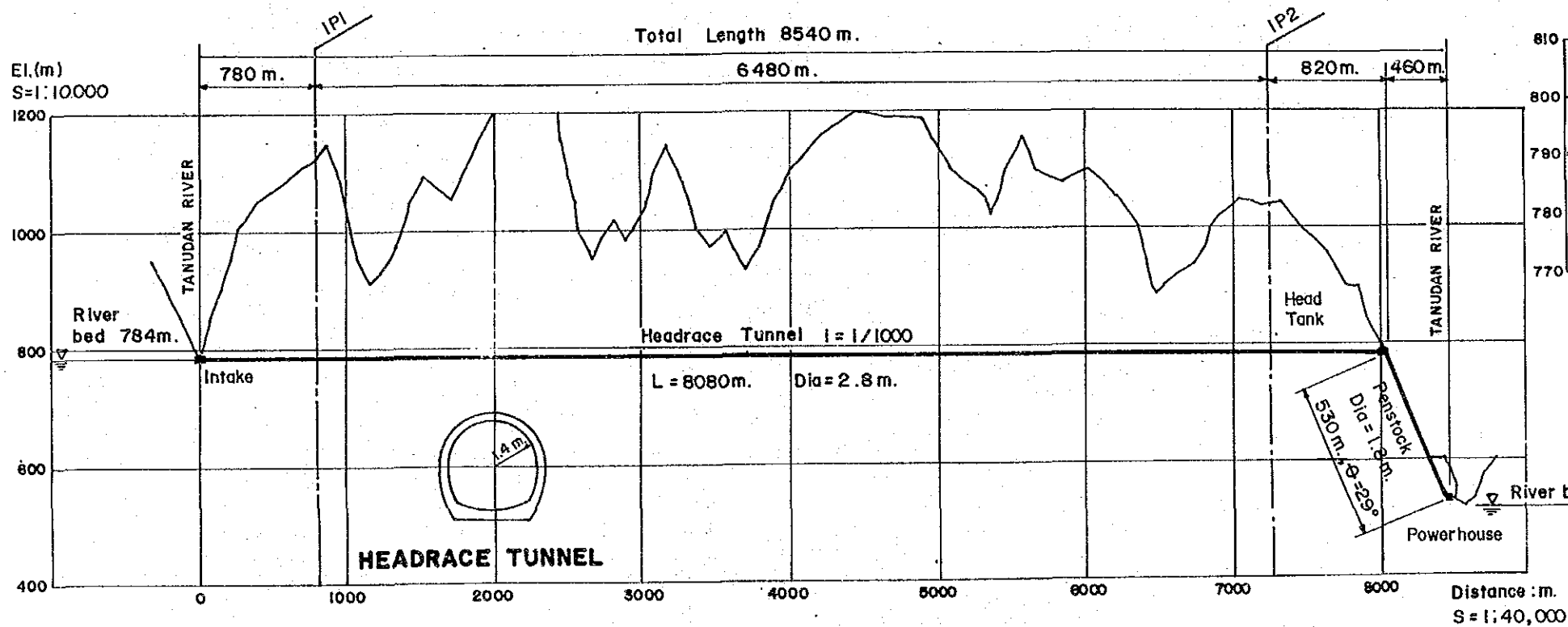
INTAKE PLAN S=1:10,000



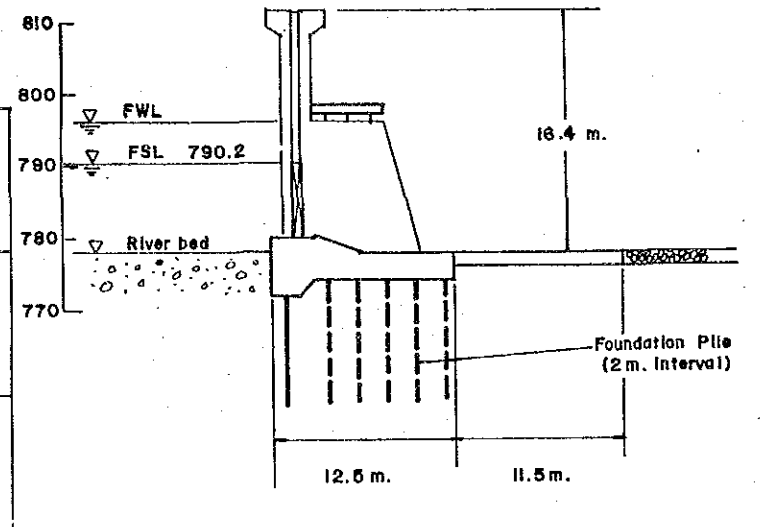
POWERHOUSE PLAN S=1:10,000



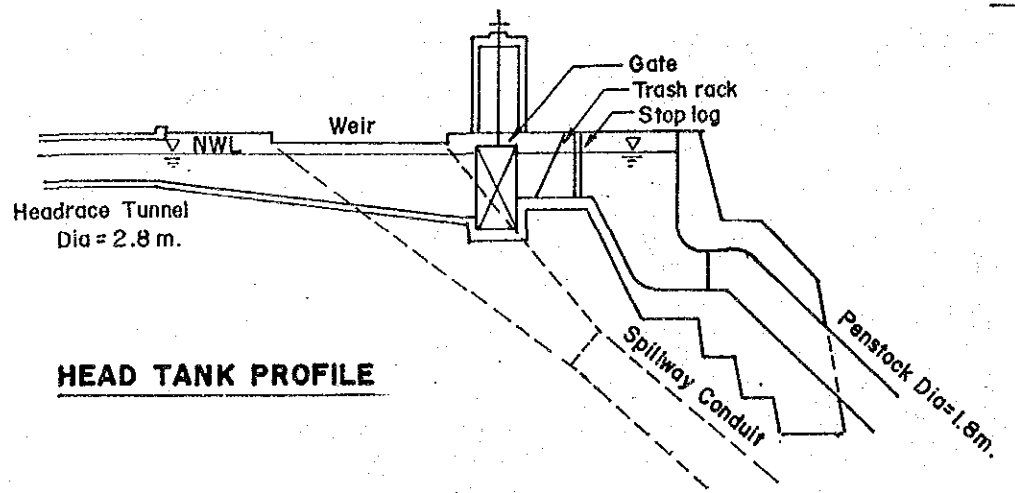
WEIR and INTAKE S=1:1000



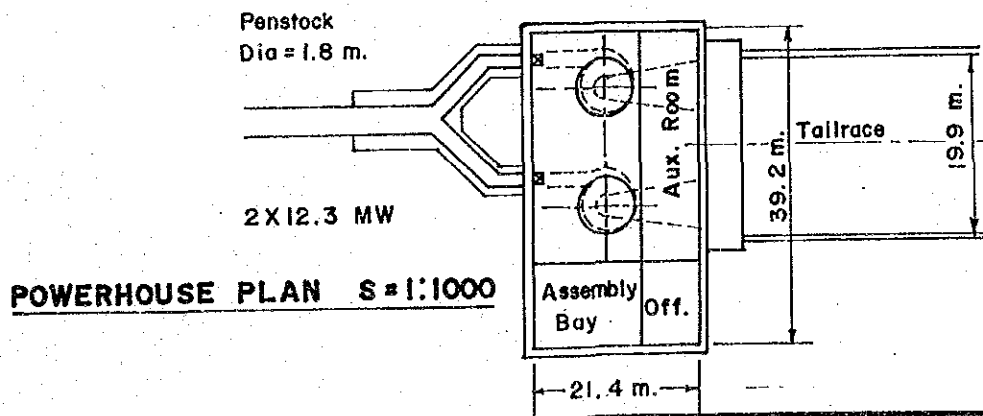
WATERWAY PROFILE S=1:40,000



INTAKE WEIR SECTION S=1:500

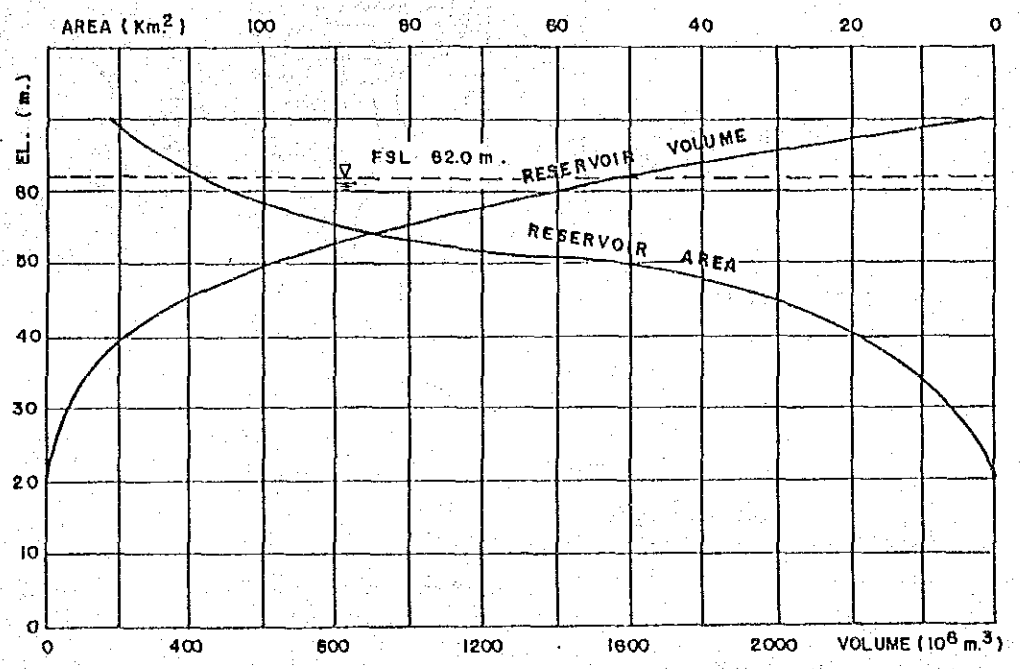
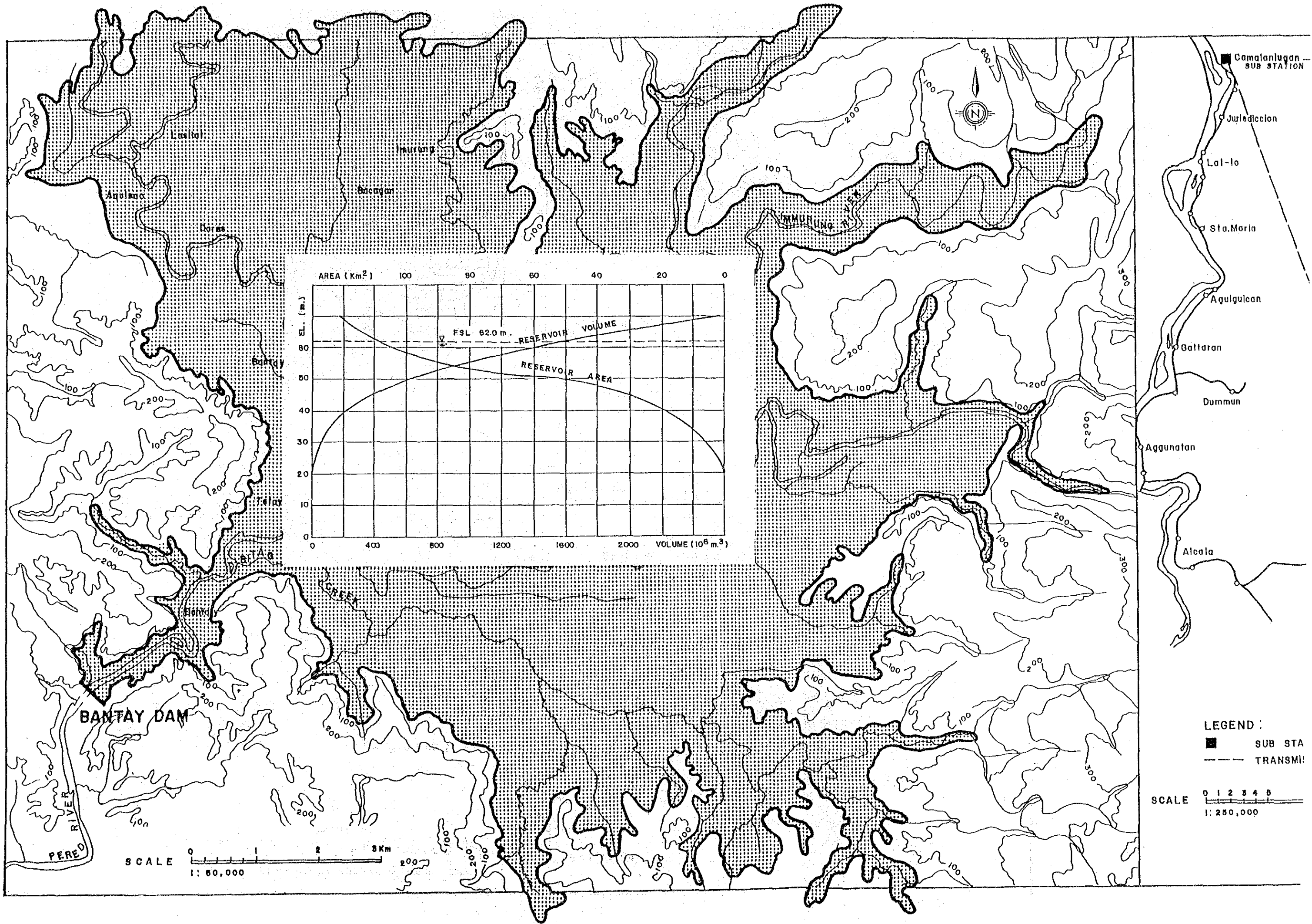


HEAD TANK PROFILE



POWERHOUSE PLAN S=1:1000

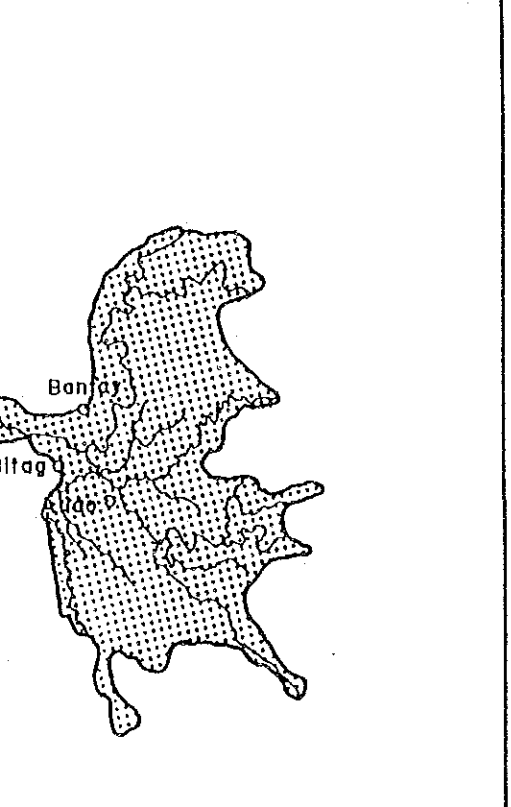
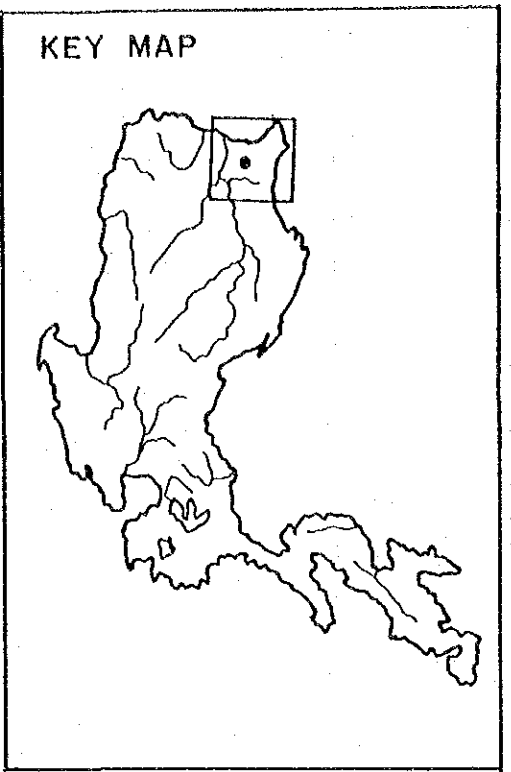
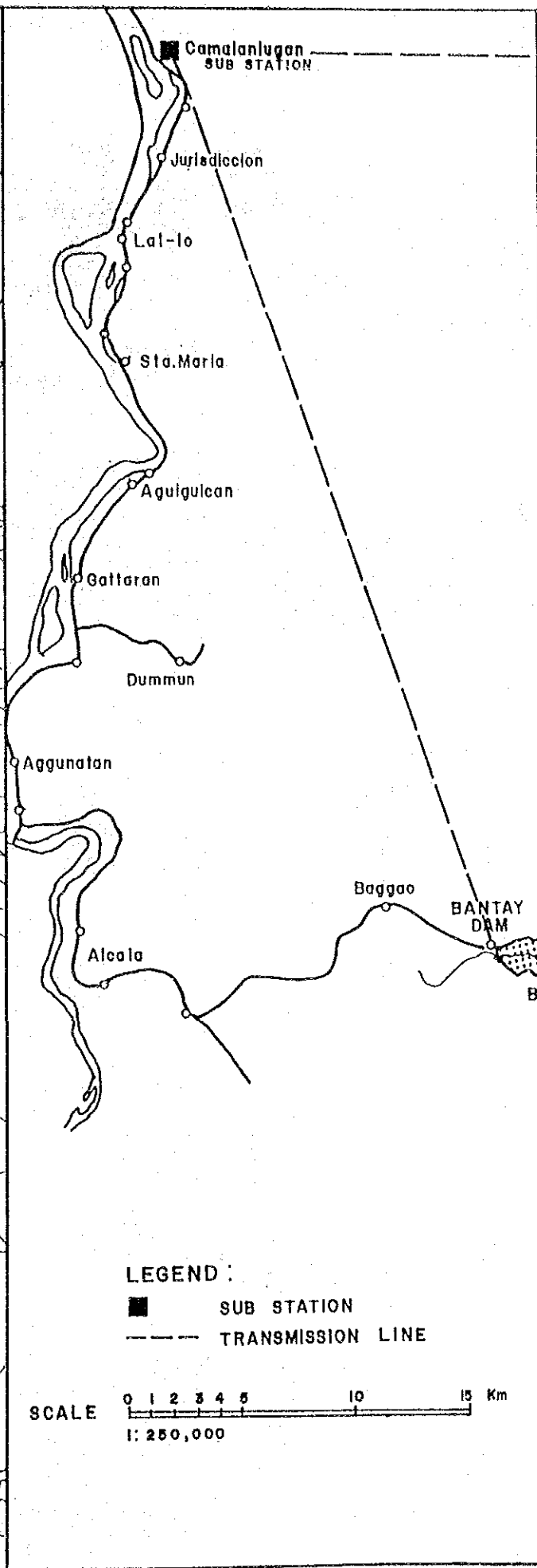
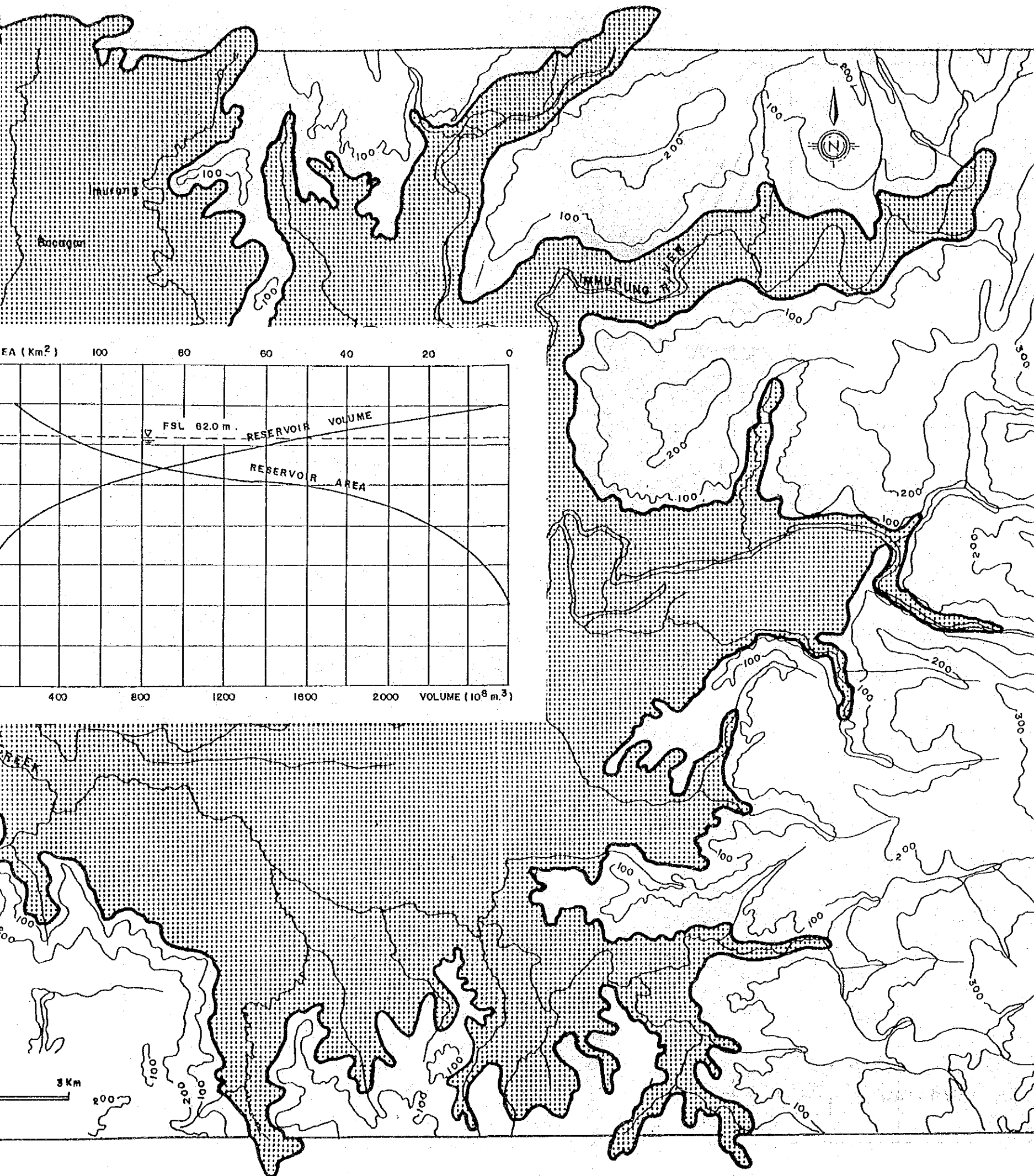
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-06-23-0-2	
TANUDAN GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	49
JAPAN INTERNATIONAL COOPERATION AGENCY			



LEGEND:
 ■ SUB STA
 --- TRANSMI

SCALE 0 1 2 3 Km
 1: 50,000

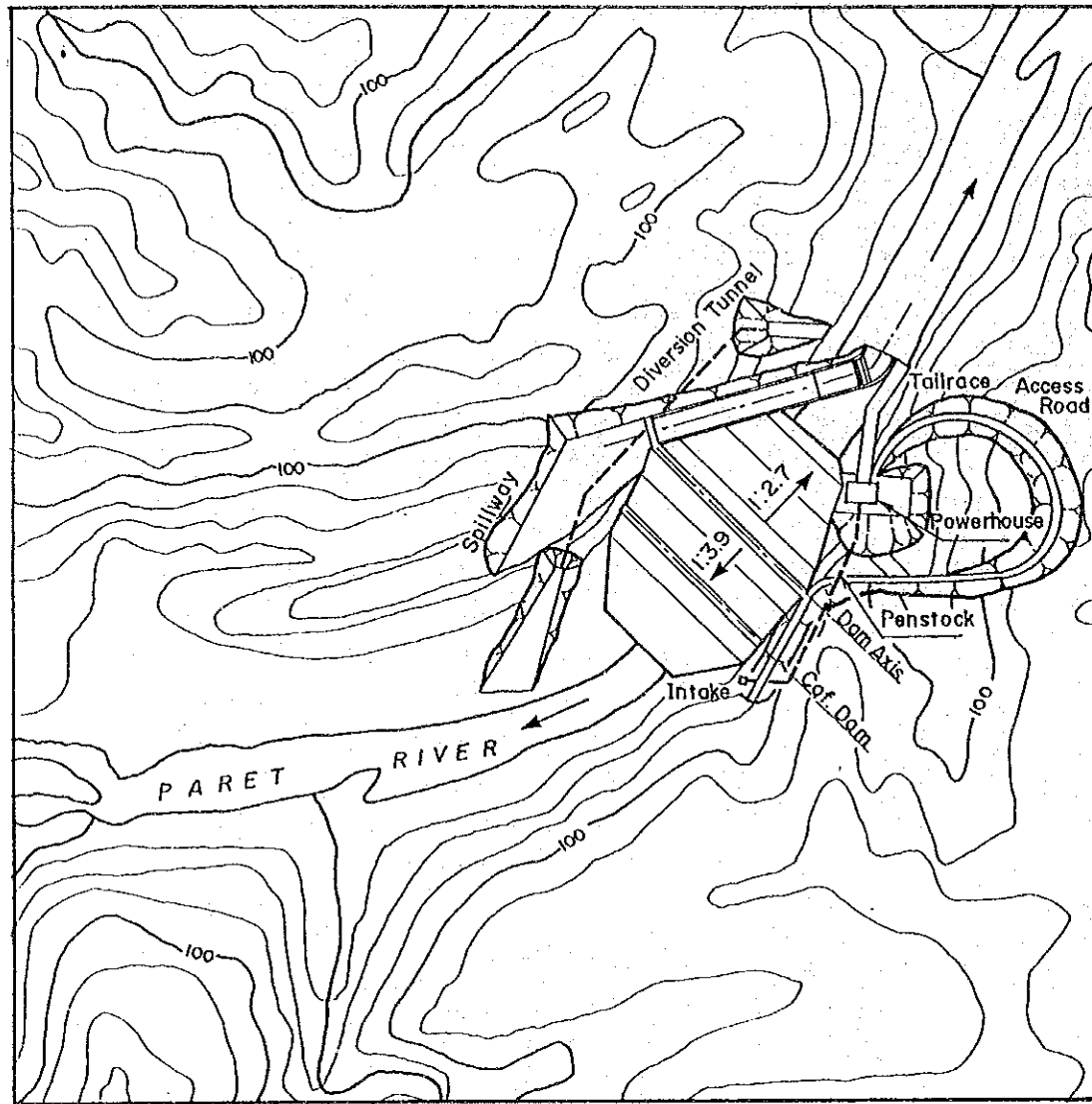
SCALE 0 1 2 3 4 5
 1: 250,000



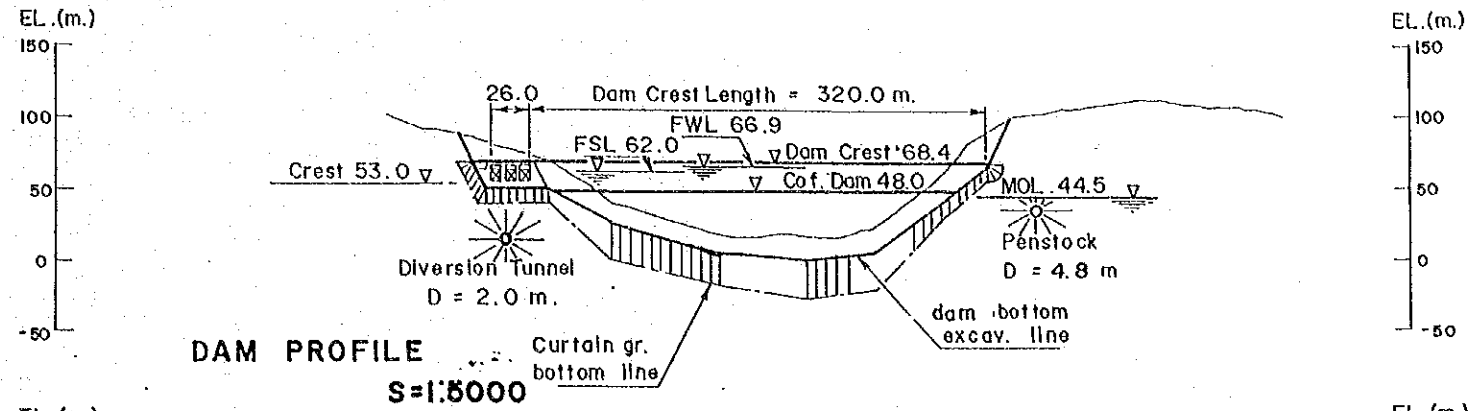
LEGEND :
 ■ SUB STATION
 --- TRANSMISSION LINE

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

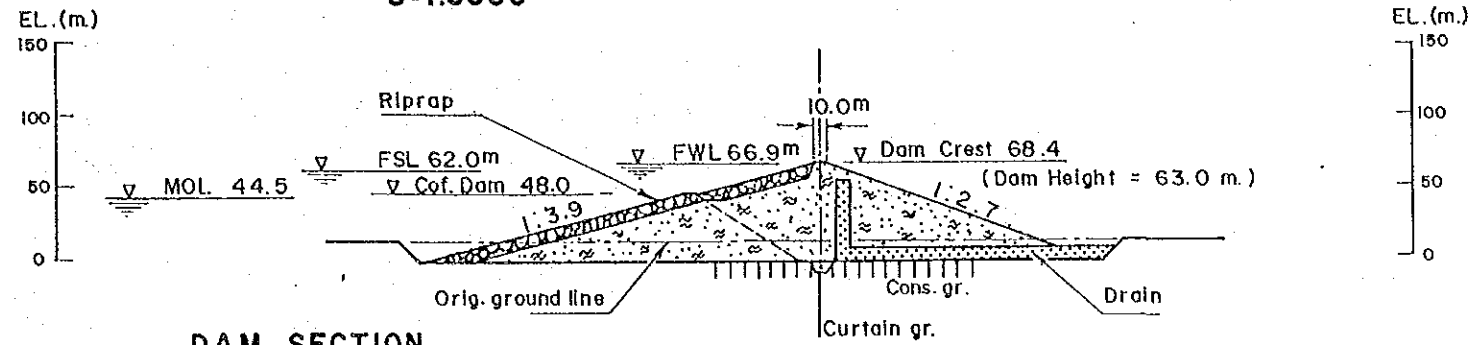
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-07-24-0-1	
BANTAY LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	50
JAPAN INTERNATIONAL COOPERATION AGENCY			



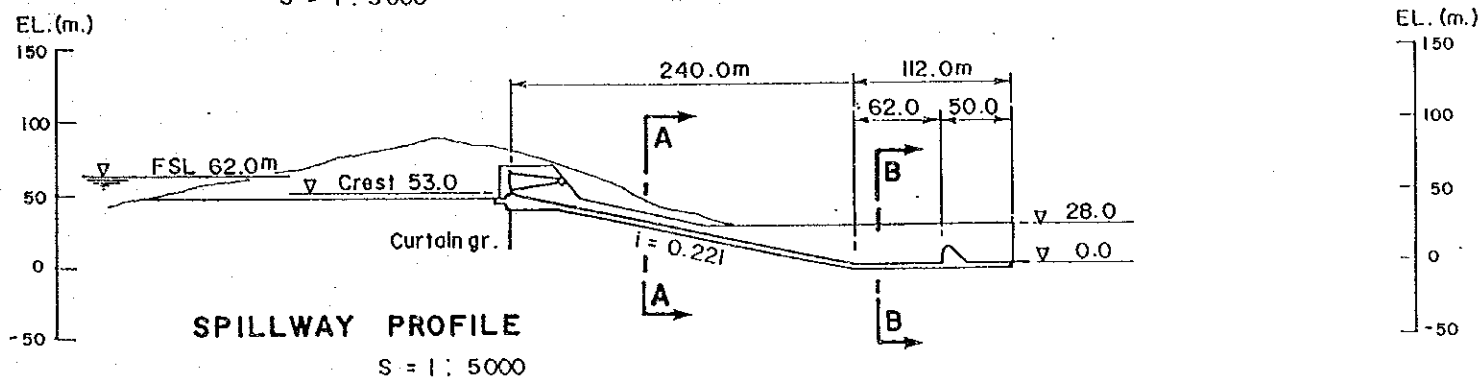
DAM PLAN S = 1 : 10,000



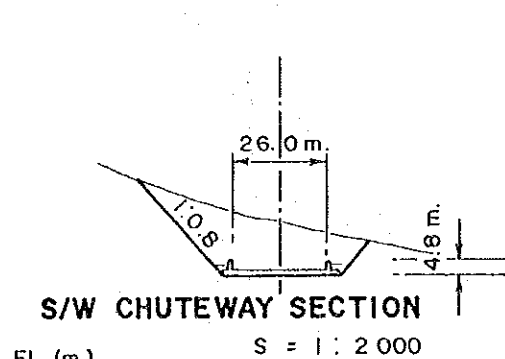
DAM PROFILE S = 1:5000



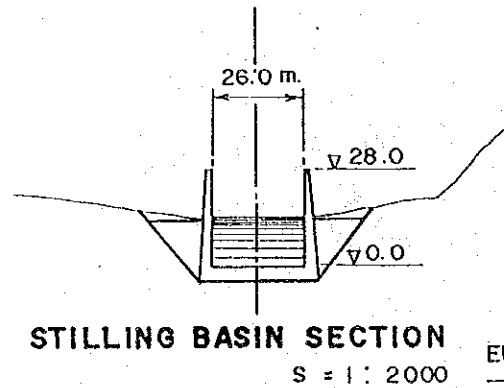
DAM SECTION S = 1:5000



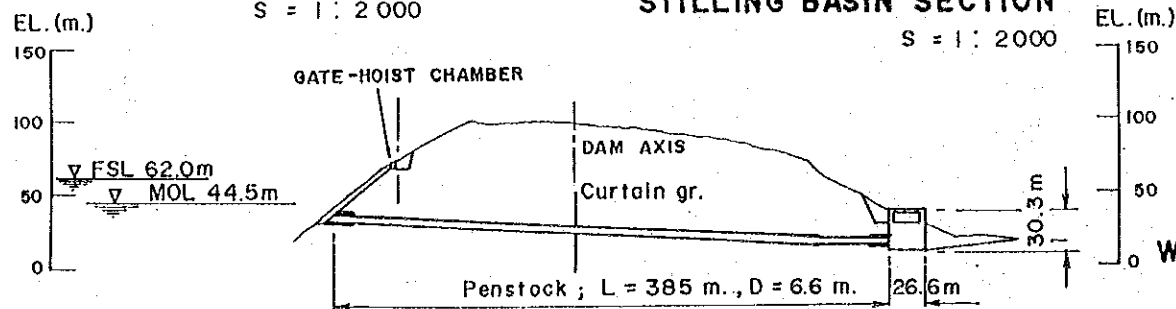
SPILLWAY PROFILE S = 1:5000



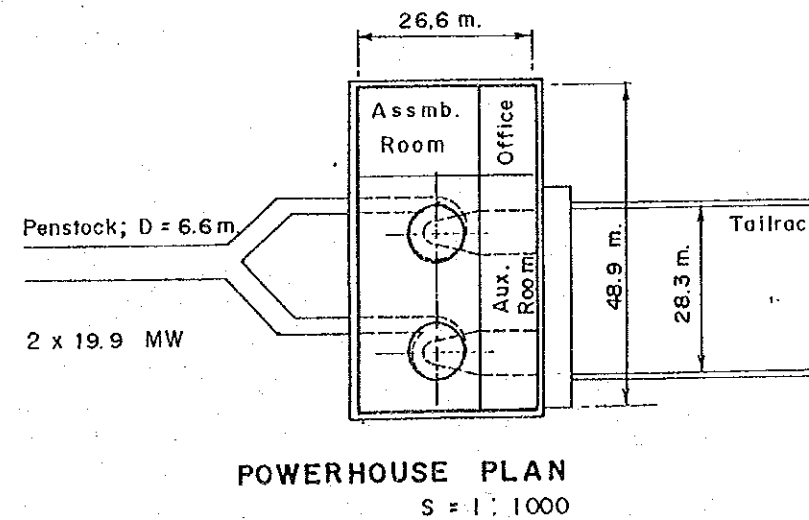
S/W CHUTEWAY SECTION S = 1:2000



STILLING BASIN SECTION S = 1:2000



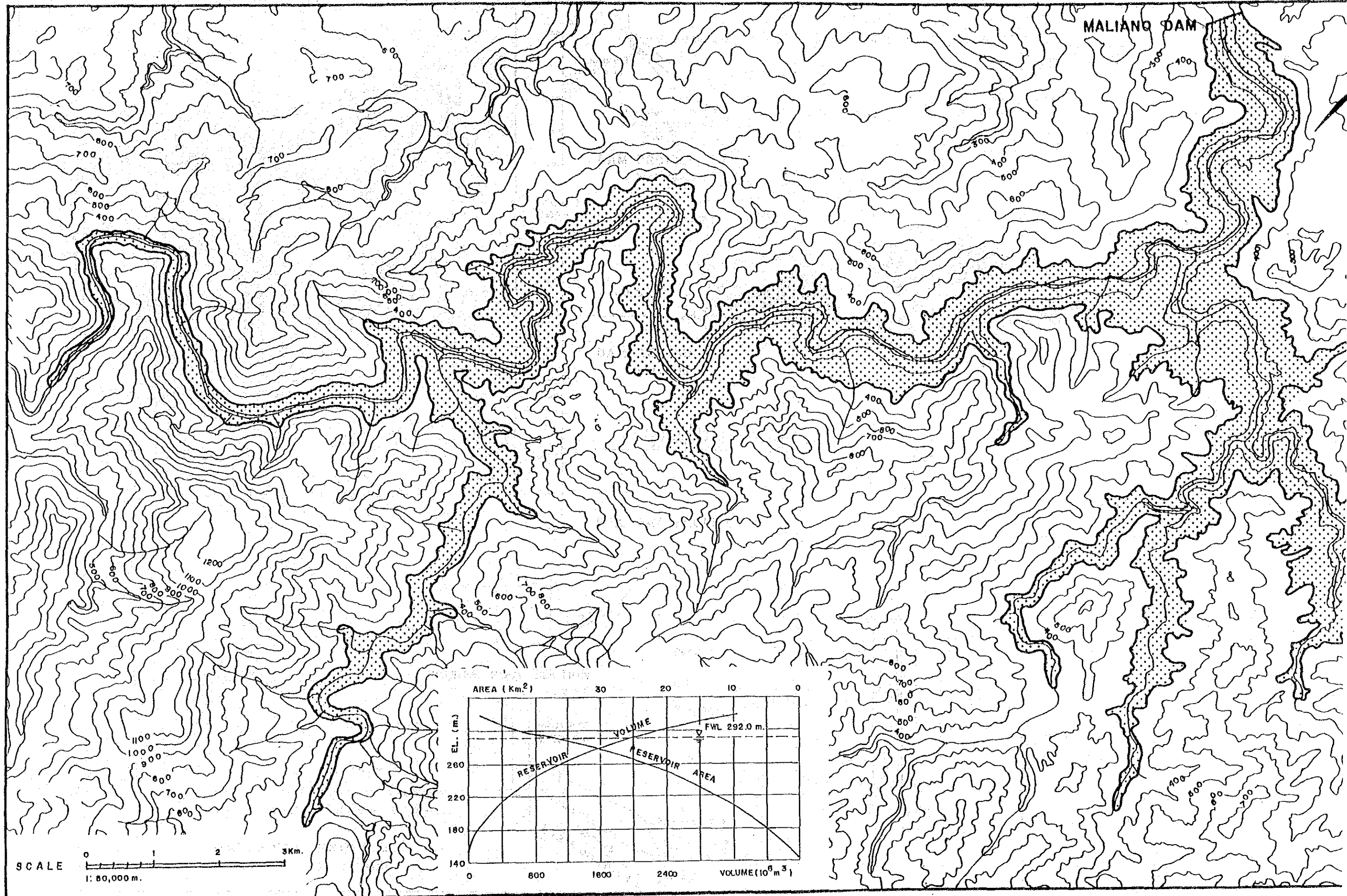
WATERWAY PROFILE S = 1:5000



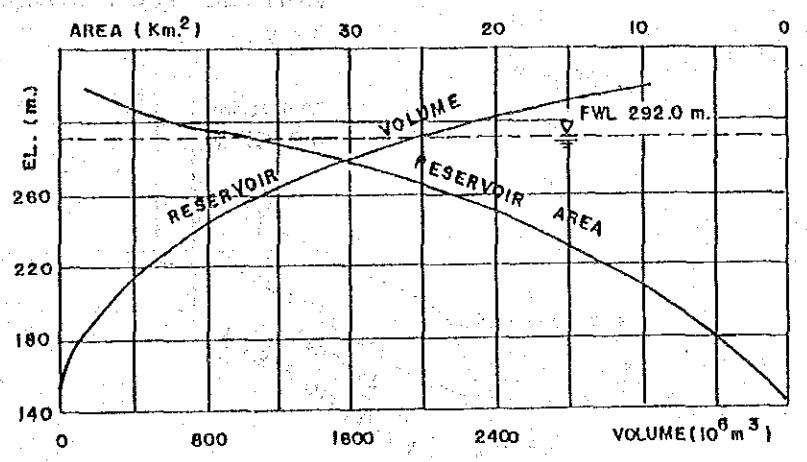
POWERHOUSE PLAN S = 1:1000

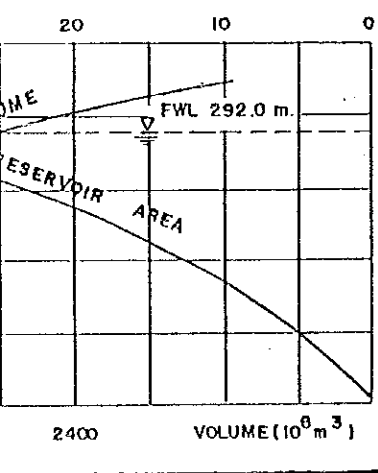
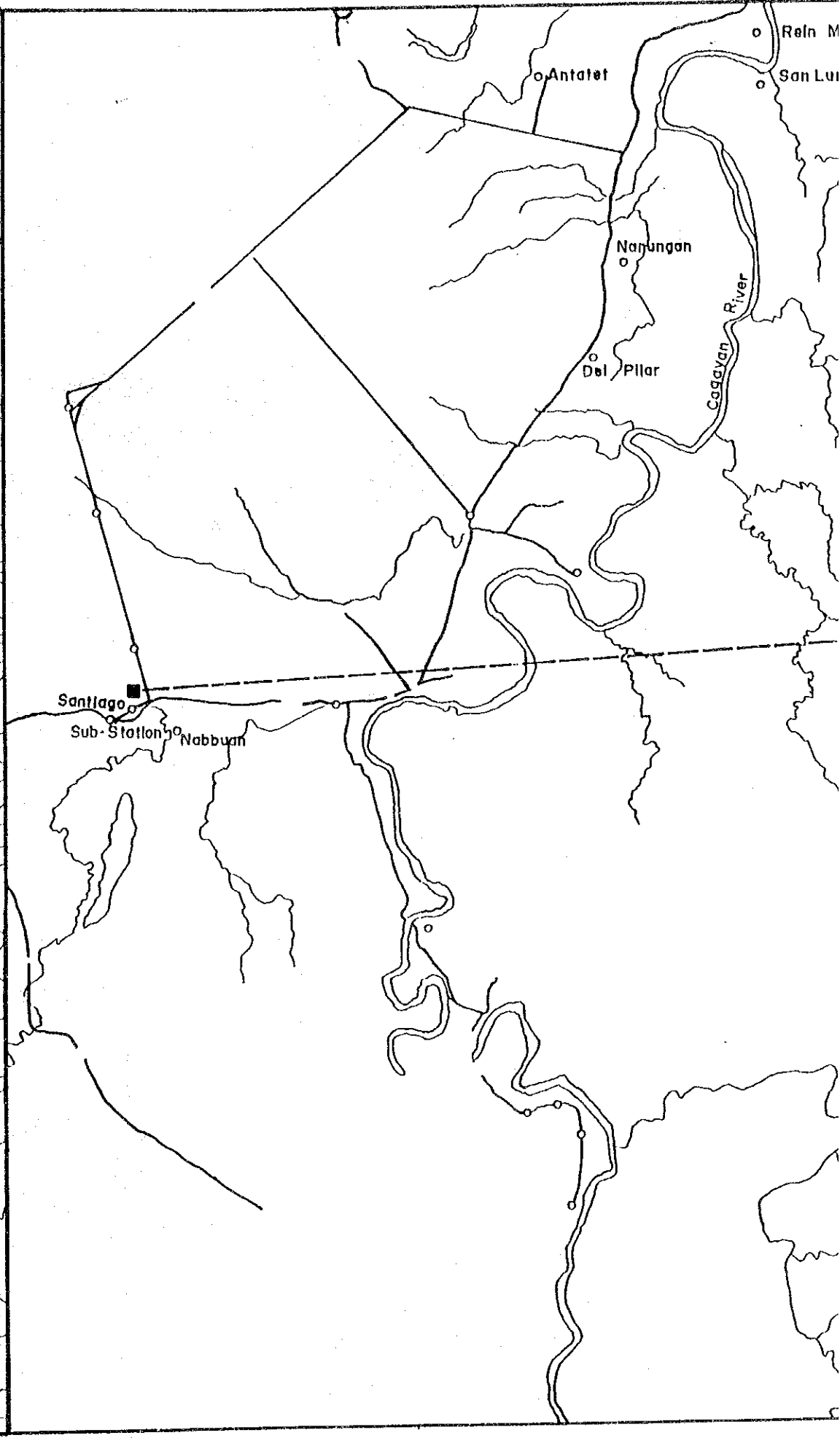
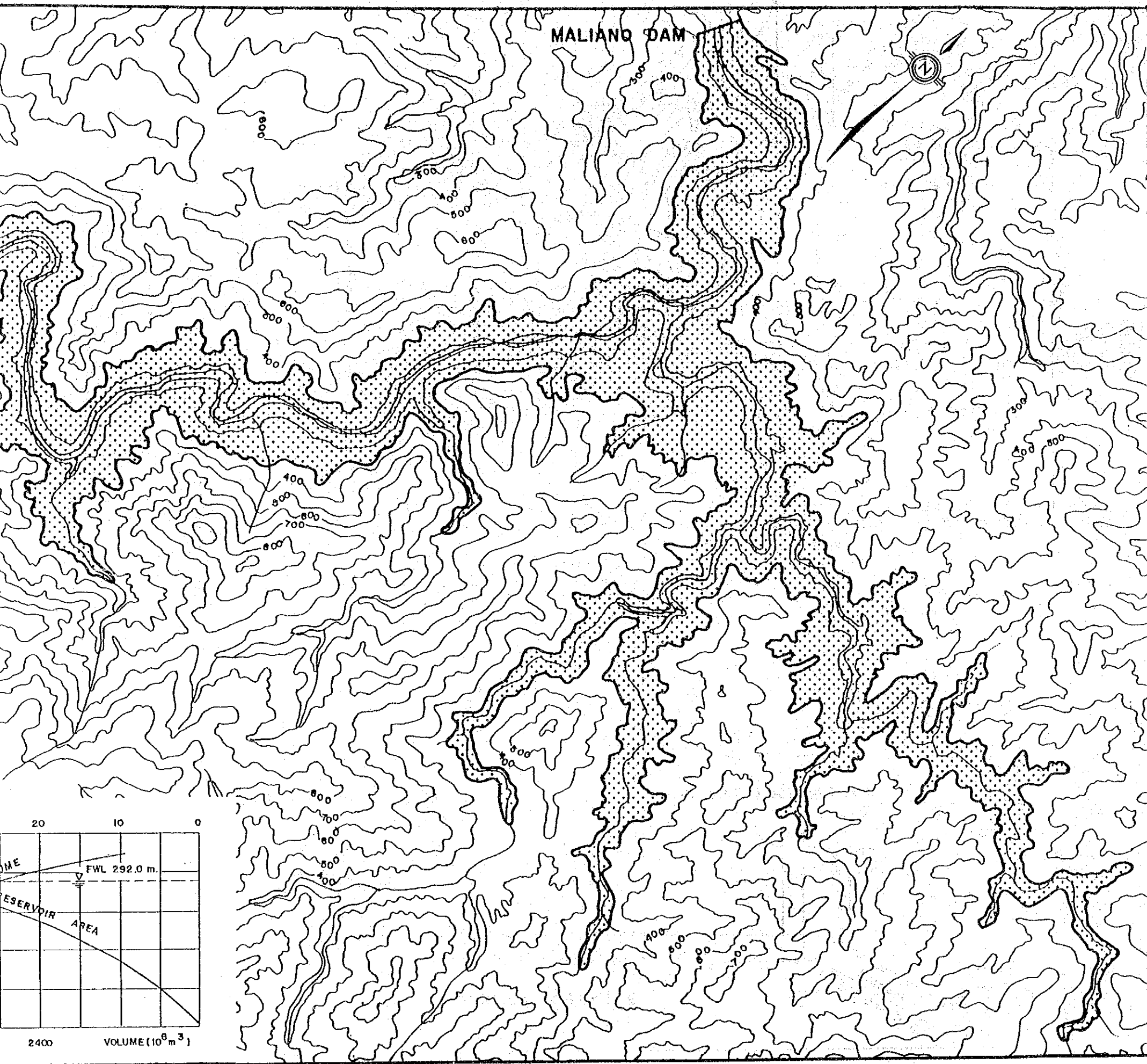
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-07-24-0-1	
BANTAY GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	51
JAPAN INTERNATIONAL COOPERATION AGENCY			

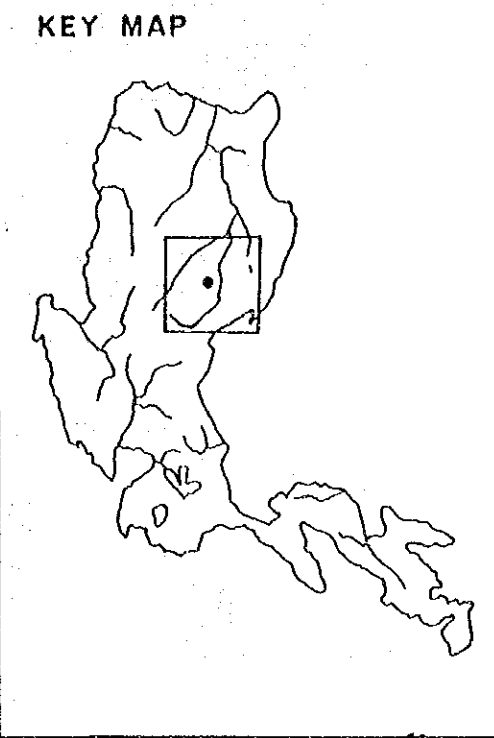
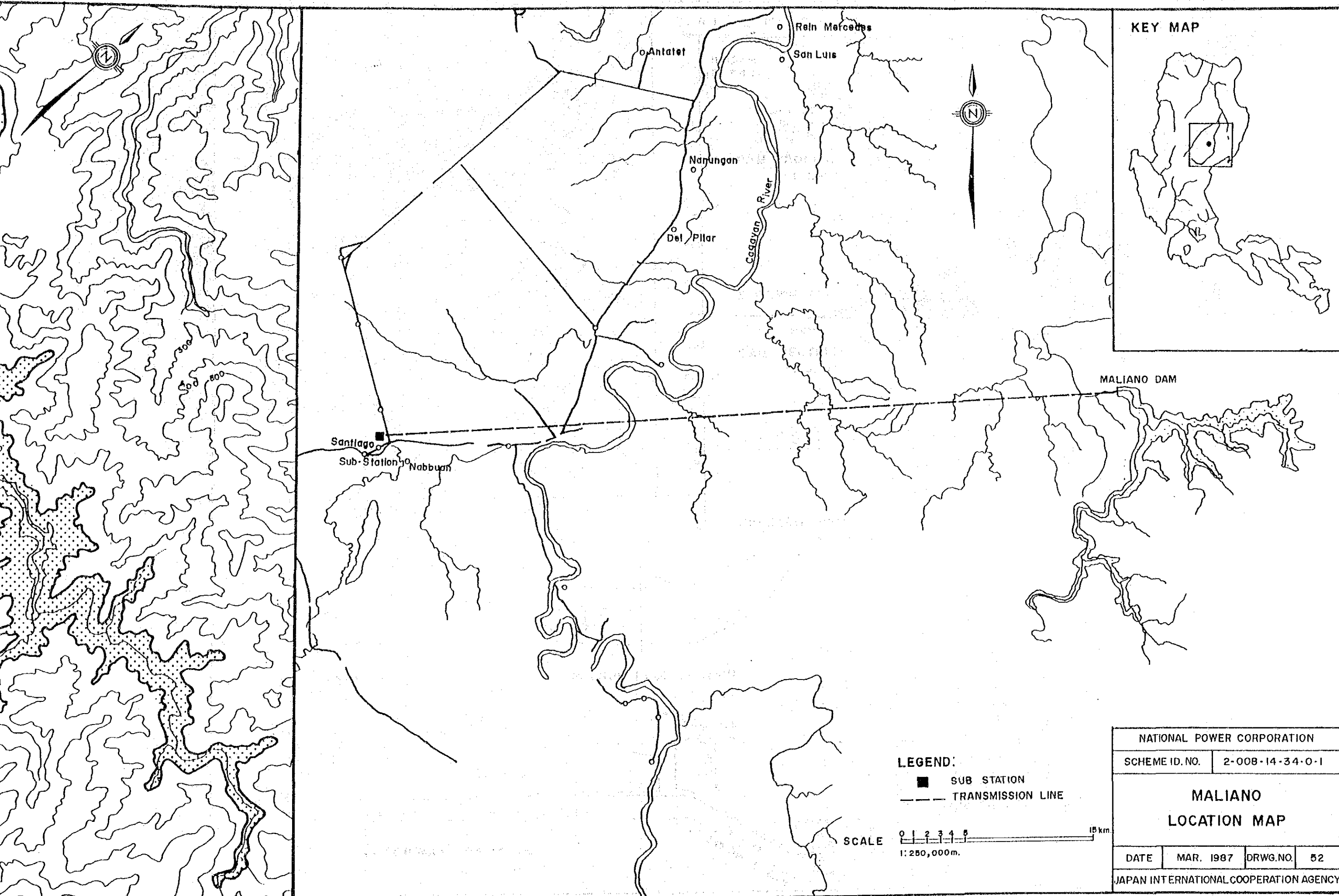
MALIANO DAM



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







MALIANO DAM

Santiago
Sub-Station
Nabuan

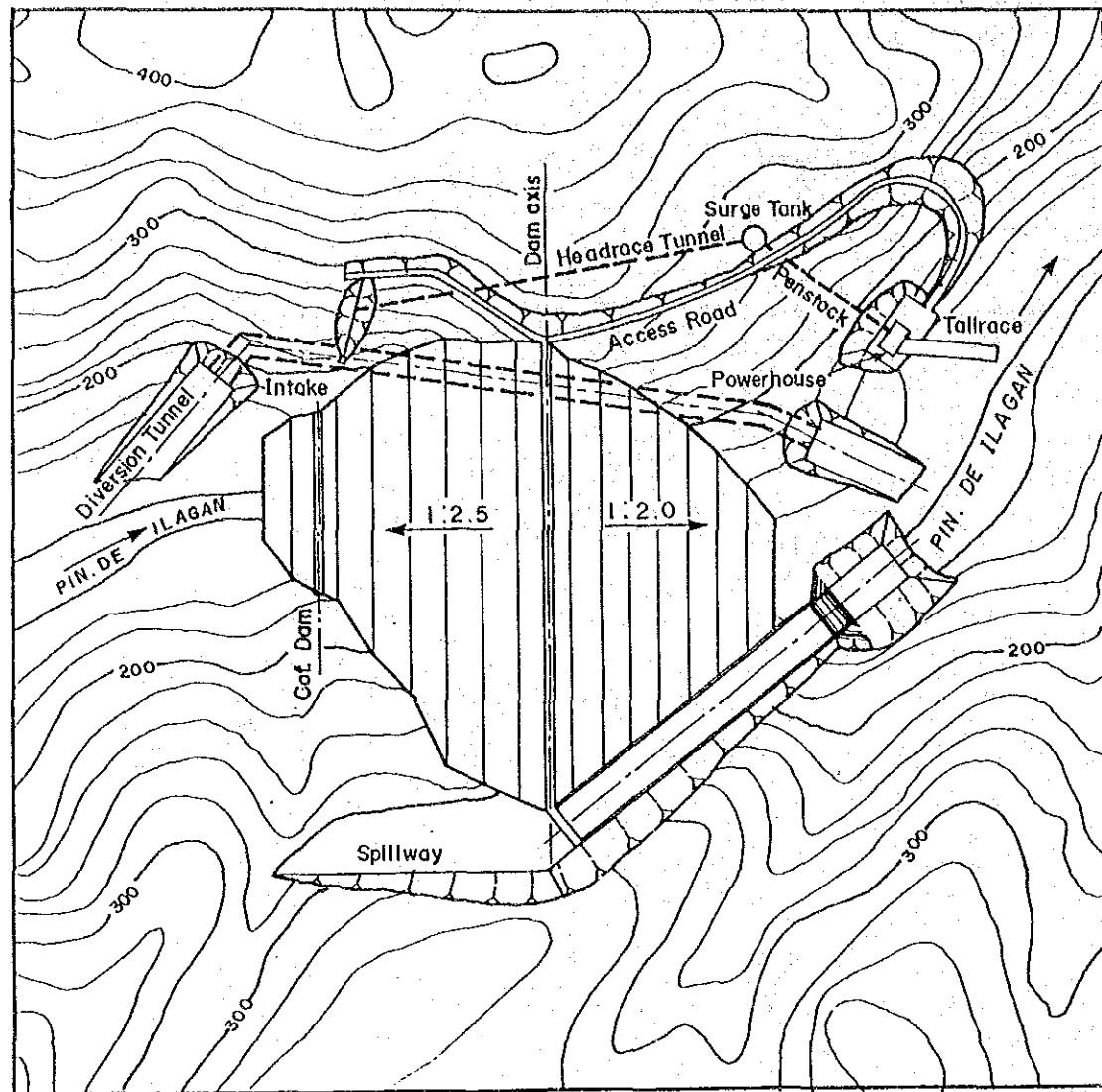
Antalet
Rein Mercedes
San Luis

Narungan
Del Pilar
Cagayan River

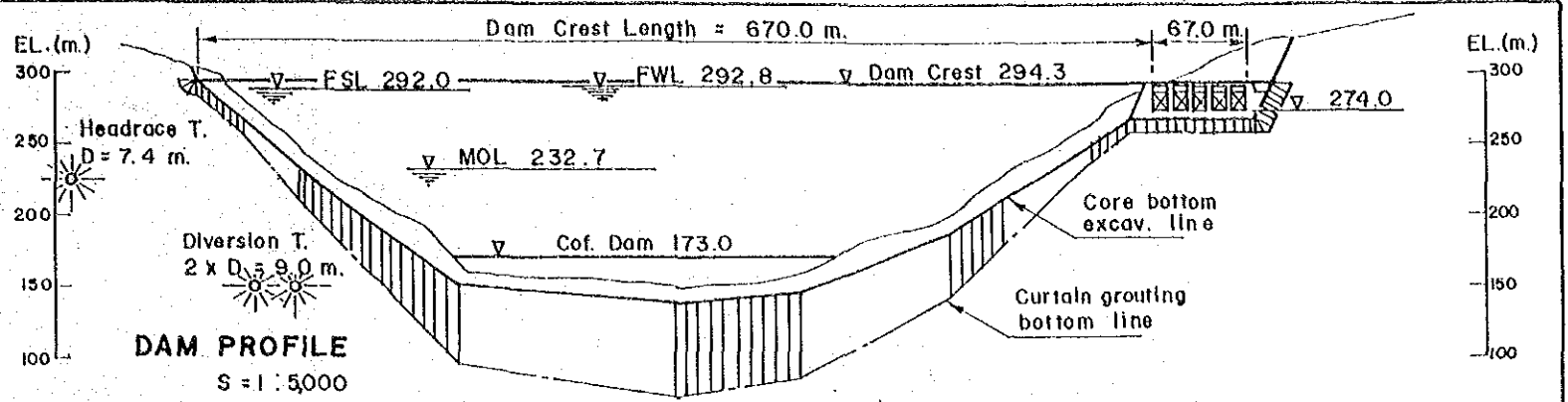
LEGEND:
 ■ SUB STATION
 --- TRANSMISSION LINE

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

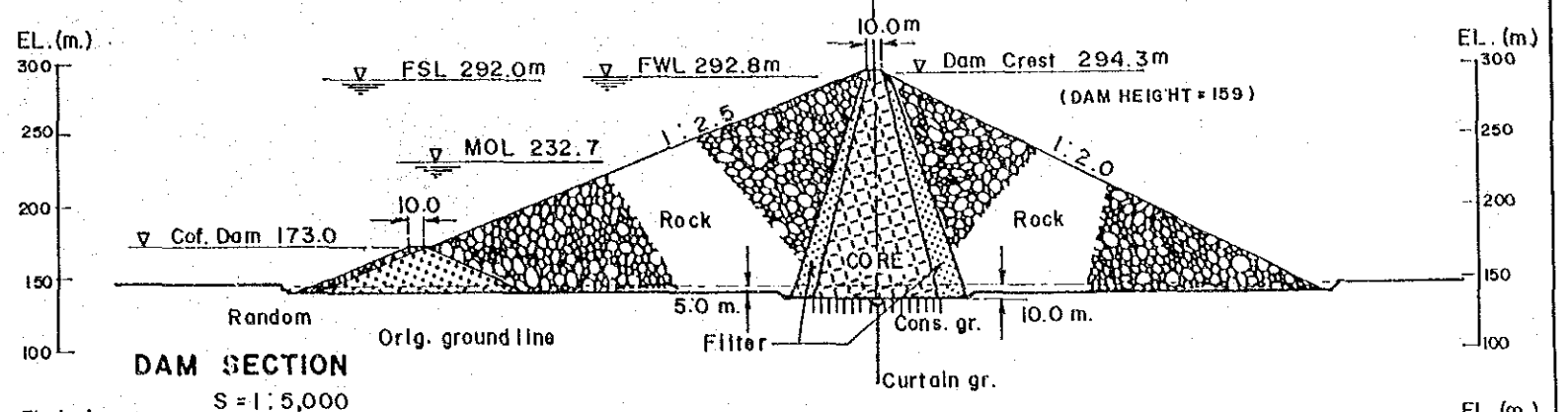
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-14-34-0-1		
MALIANO LOCATION MAP			
DATE	MAR. 1987	DRWG. NO.	52
JAPAN INTERNATIONAL COOPERATION AGENCY			



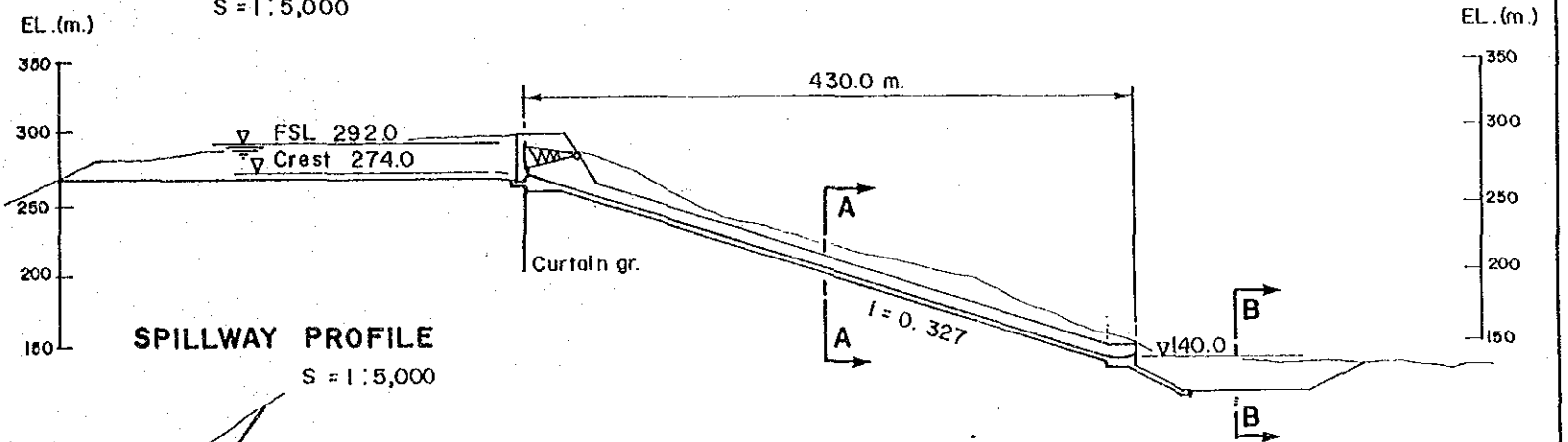
DAM PLAN S = 1 : 10,000



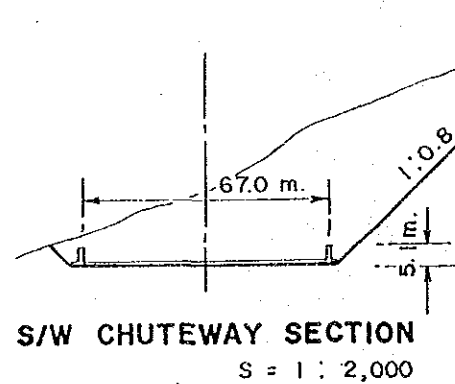
DAM PROFILE S = 1 : 5,000



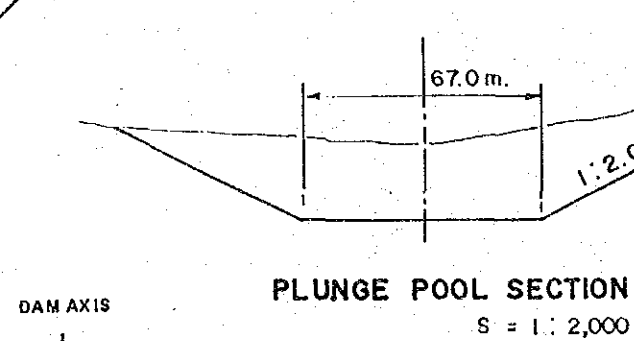
DAM SECTION S = 1 : 5,000



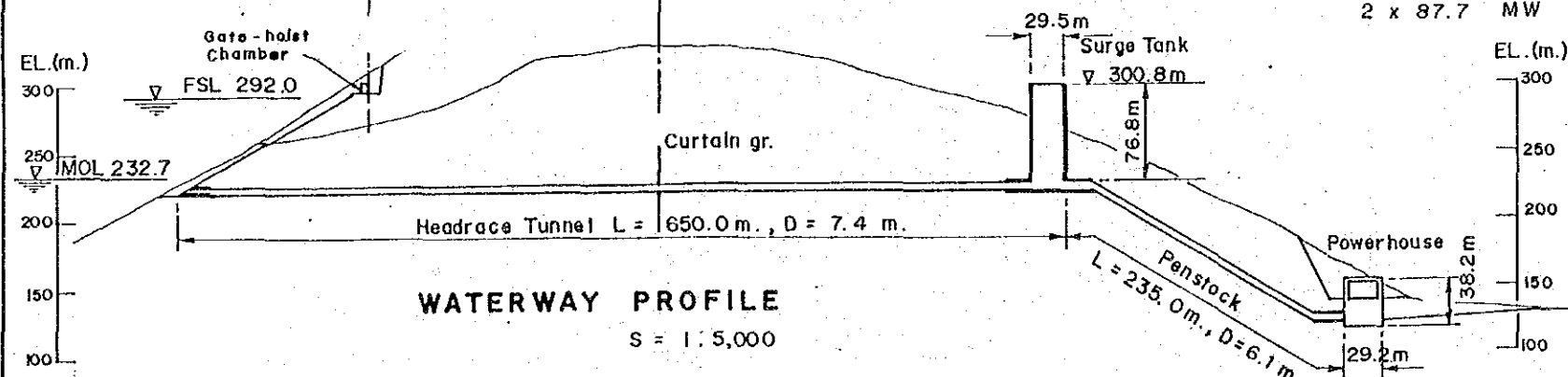
SPILLWAY PROFILE S = 1 : 5,000



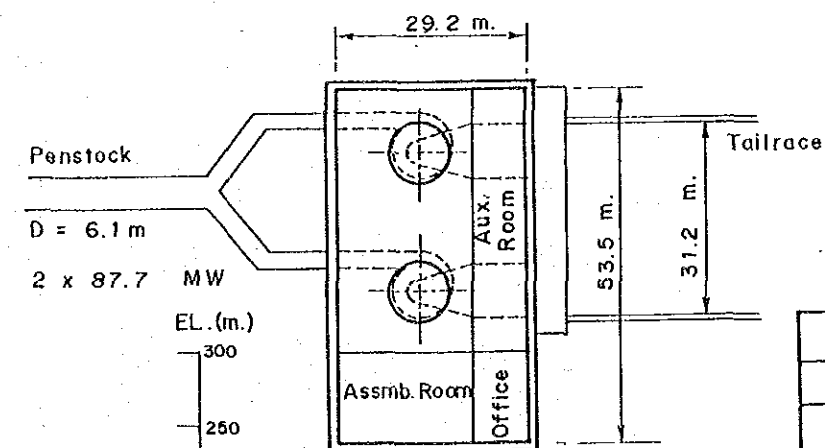
S/W CHUTEWAY SECTION S = 1 : 2,000



PLUNGE POOL SECTION S = 1 : 2,000

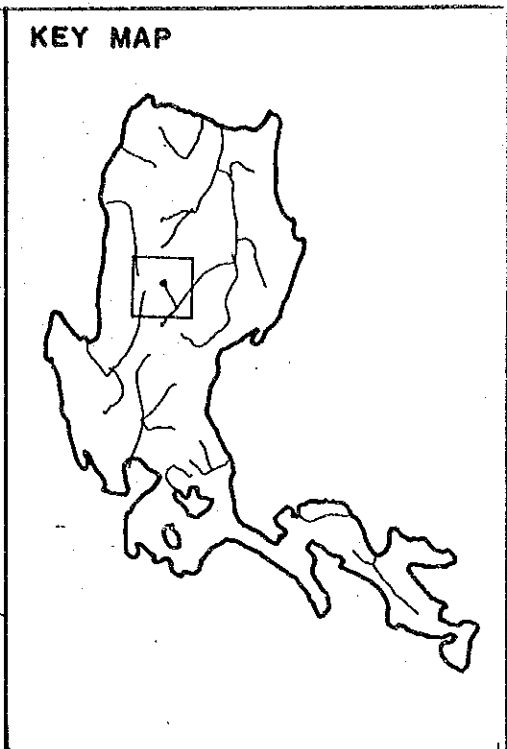
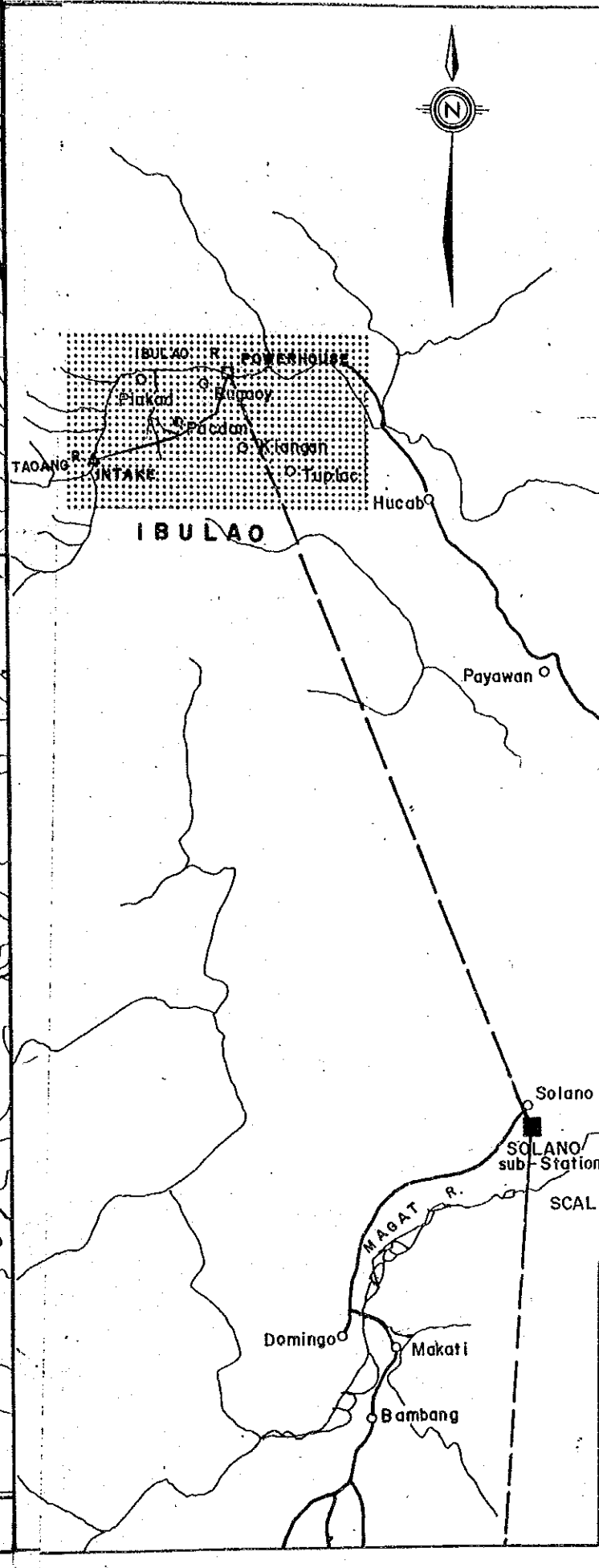
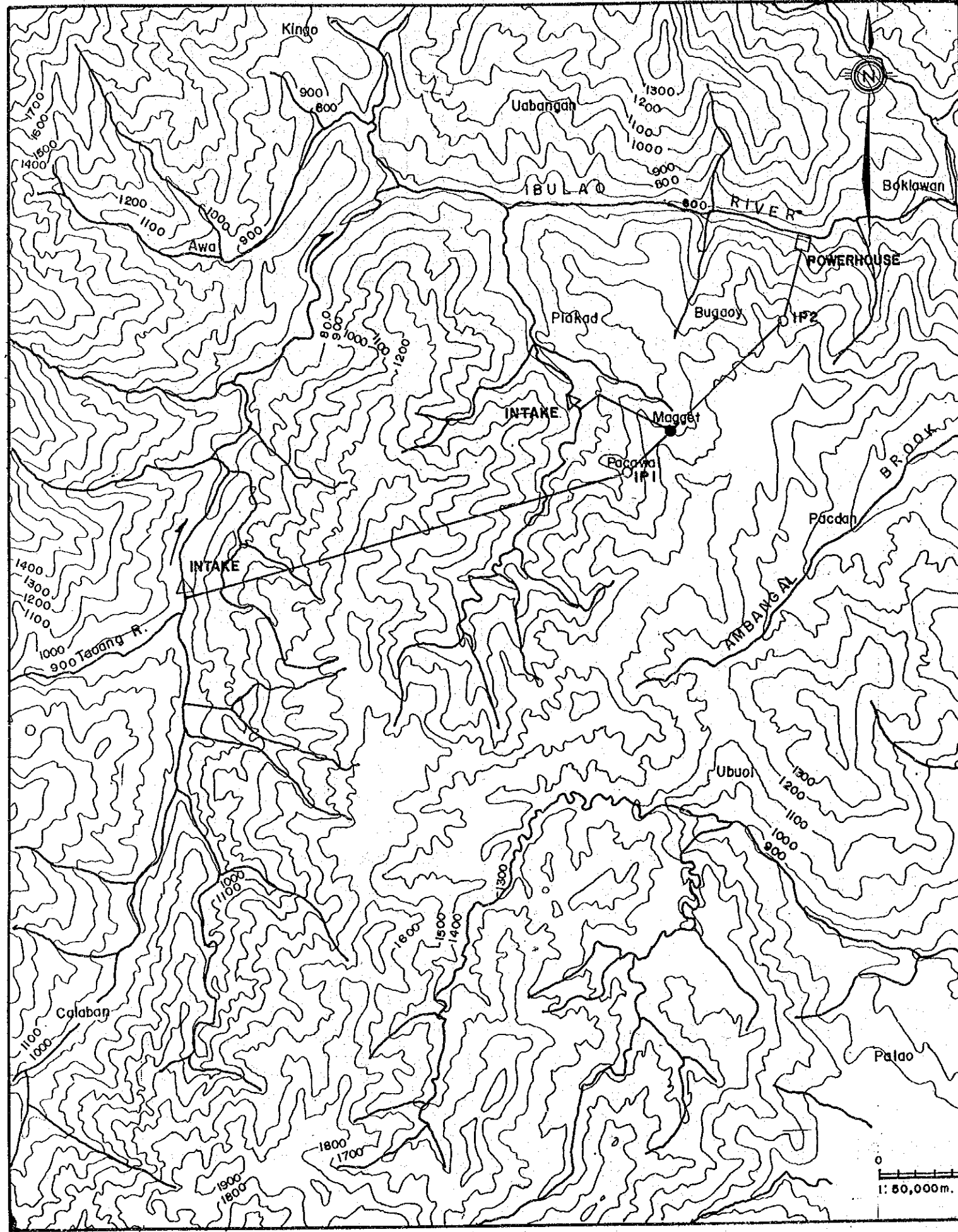


WATERWAY PROFILE S = 1 : 5,000



POWERHOUSE PLAN S = 1 : 1,000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-14-39-0-1	
MALIANO GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	53
JAPAN INTERNATIONAL COOPERATION AGENCY			

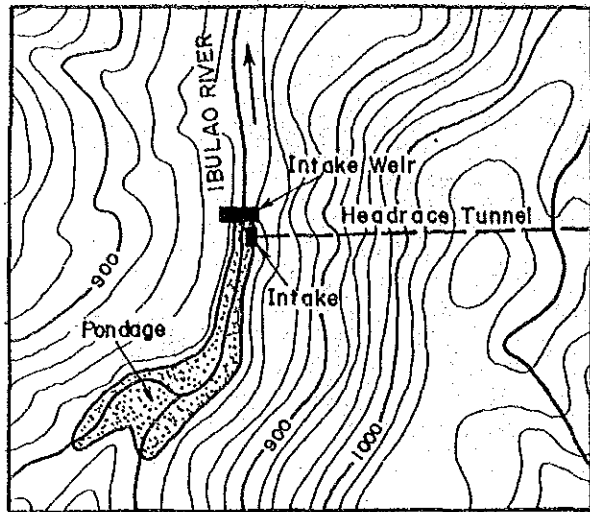


LEGEND:

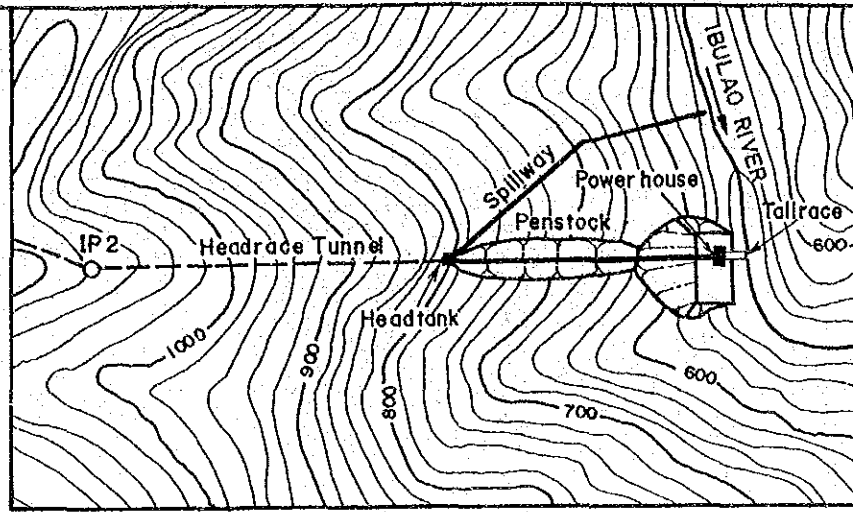
- SUB STATION
- TRANSMISSION LINE

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

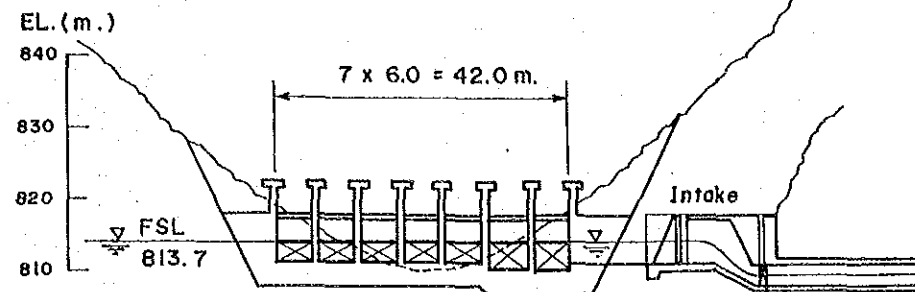
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-20-46-0-2	
IBULAO LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	54
JAPAN INTERNATIONAL COOPERATION AGENCY			



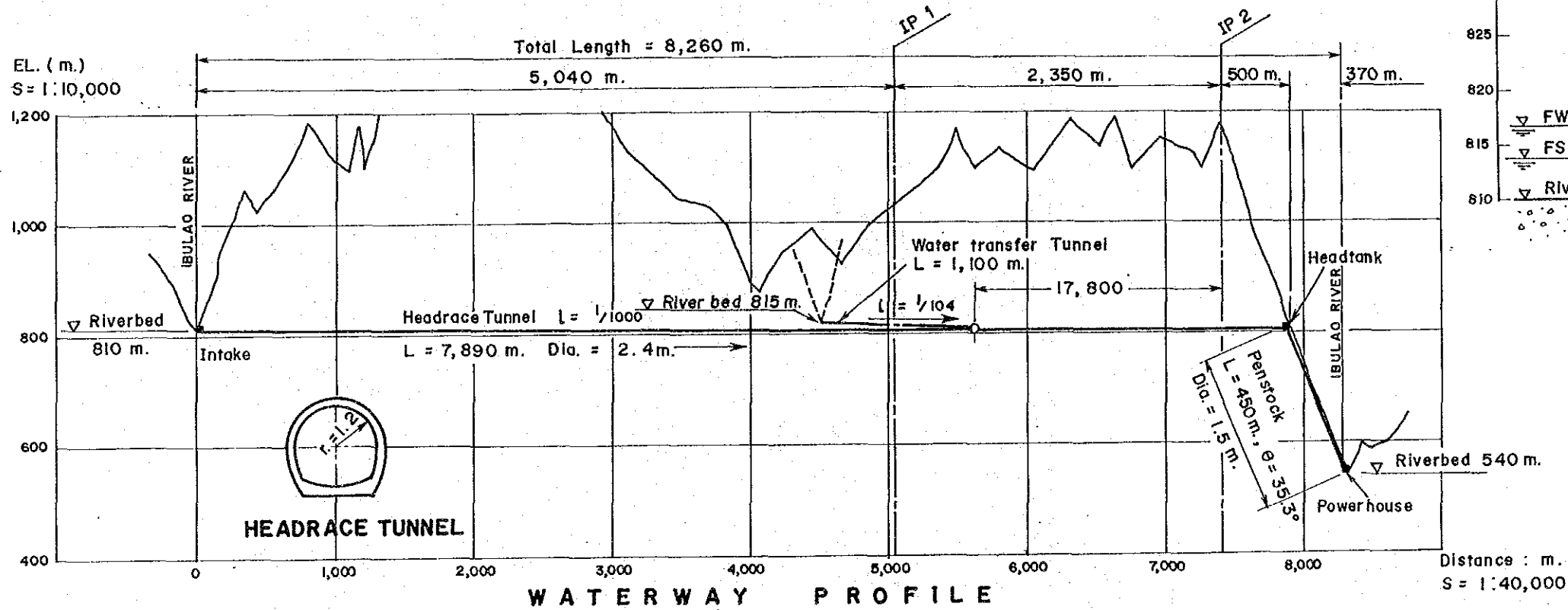
INTAKE PLAN
S = 1 : 10,000



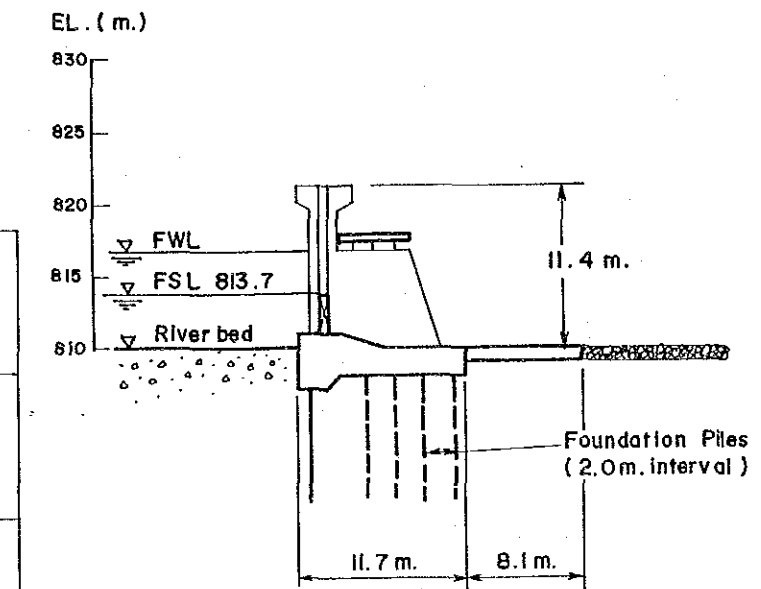
POWER HOUSE PLAN
S = 1 : 10,000



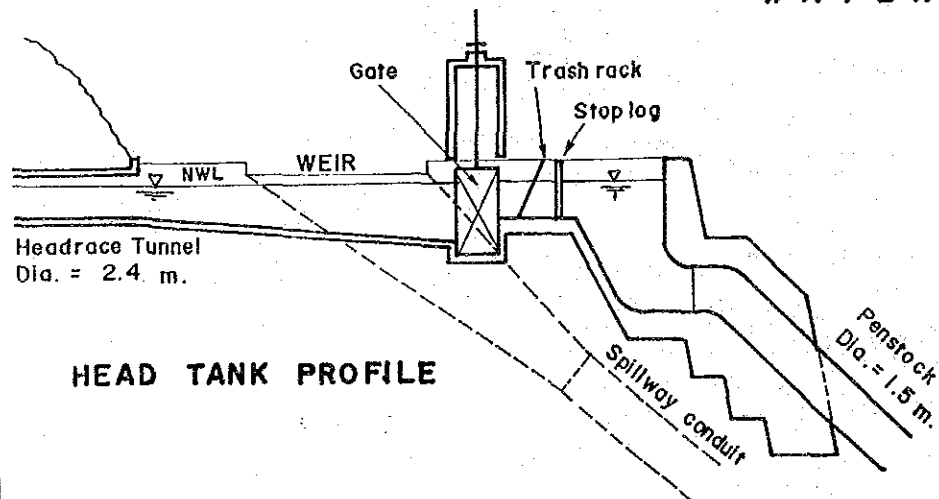
WEIR & INTAKE S=1:1000



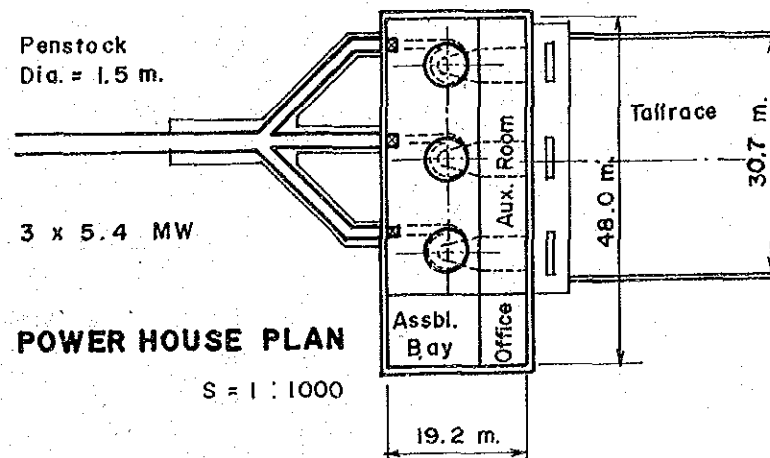
WATERWAY PROFILE



INTAKE WEIR SECTION
S = 1 : 500

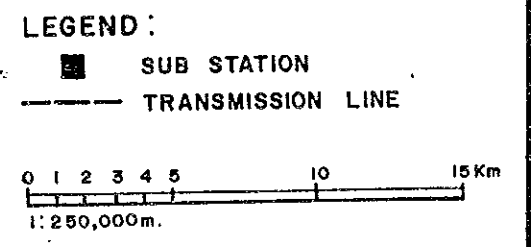
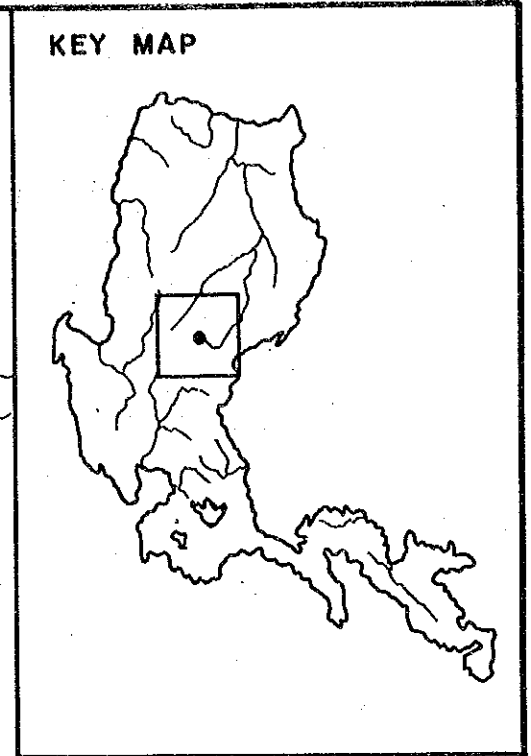
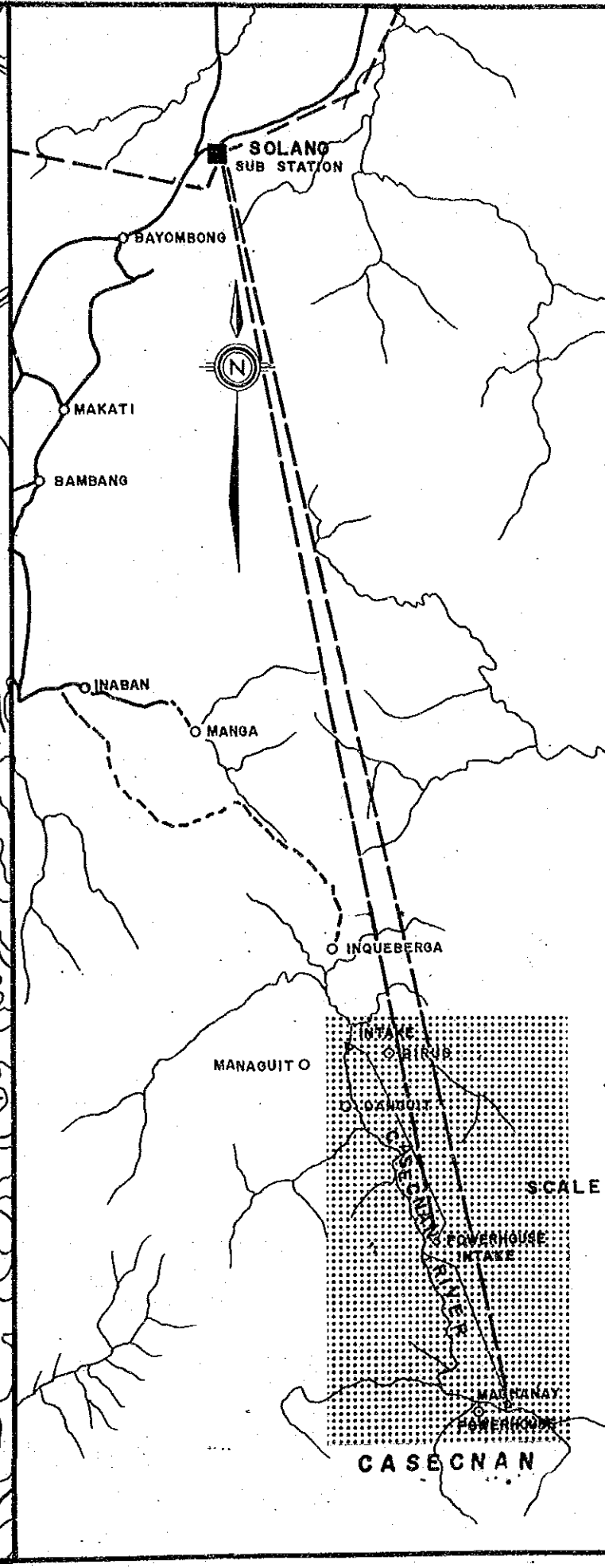
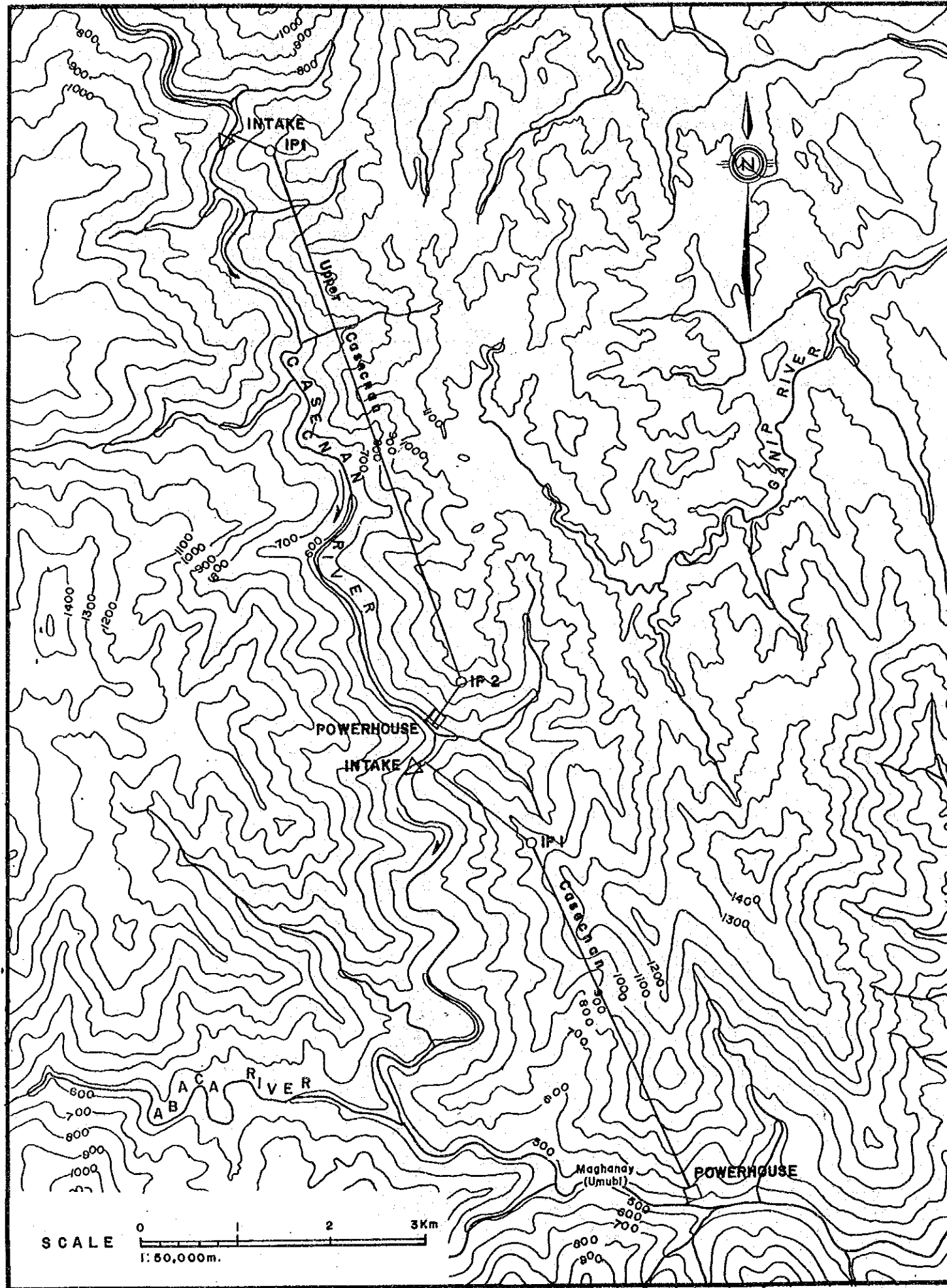


HEAD TANK PROFILE

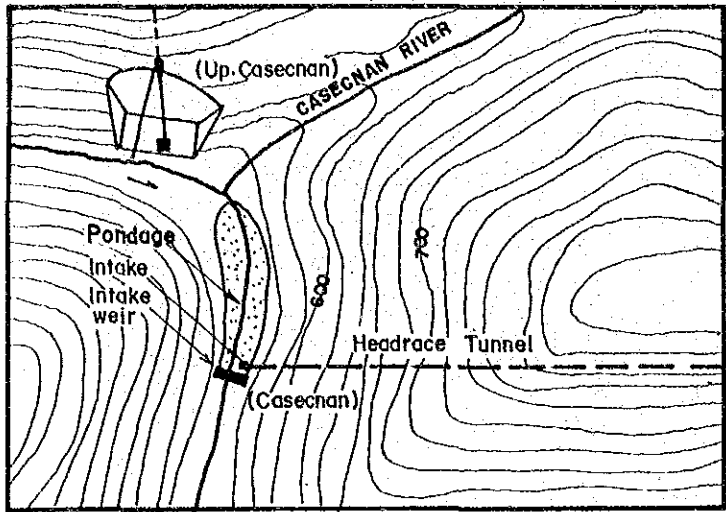


POWER HOUSE PLAN
S = 1 : 1000

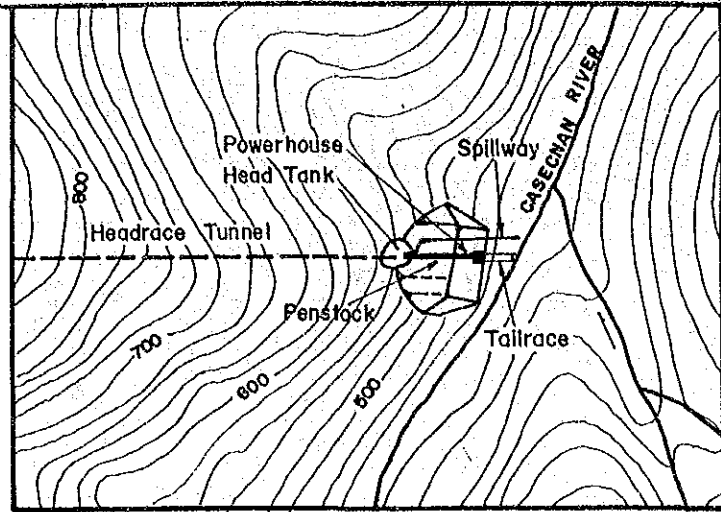
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-20-46-0-2		
IBULAO GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	55
JAPAN INTERNATIONAL COOPERATION AGENCY			



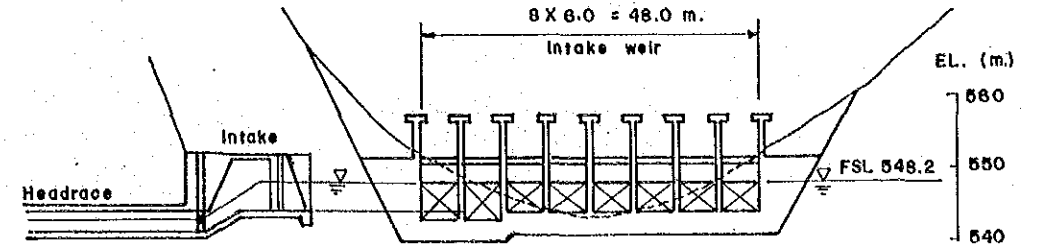
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-29-58-0-2		2-008-29-59-0-2
CASECNAN & UPPER CASECNAN			
LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	56
JAPAN INTERNATIONAL COOPERATION AGENCY			



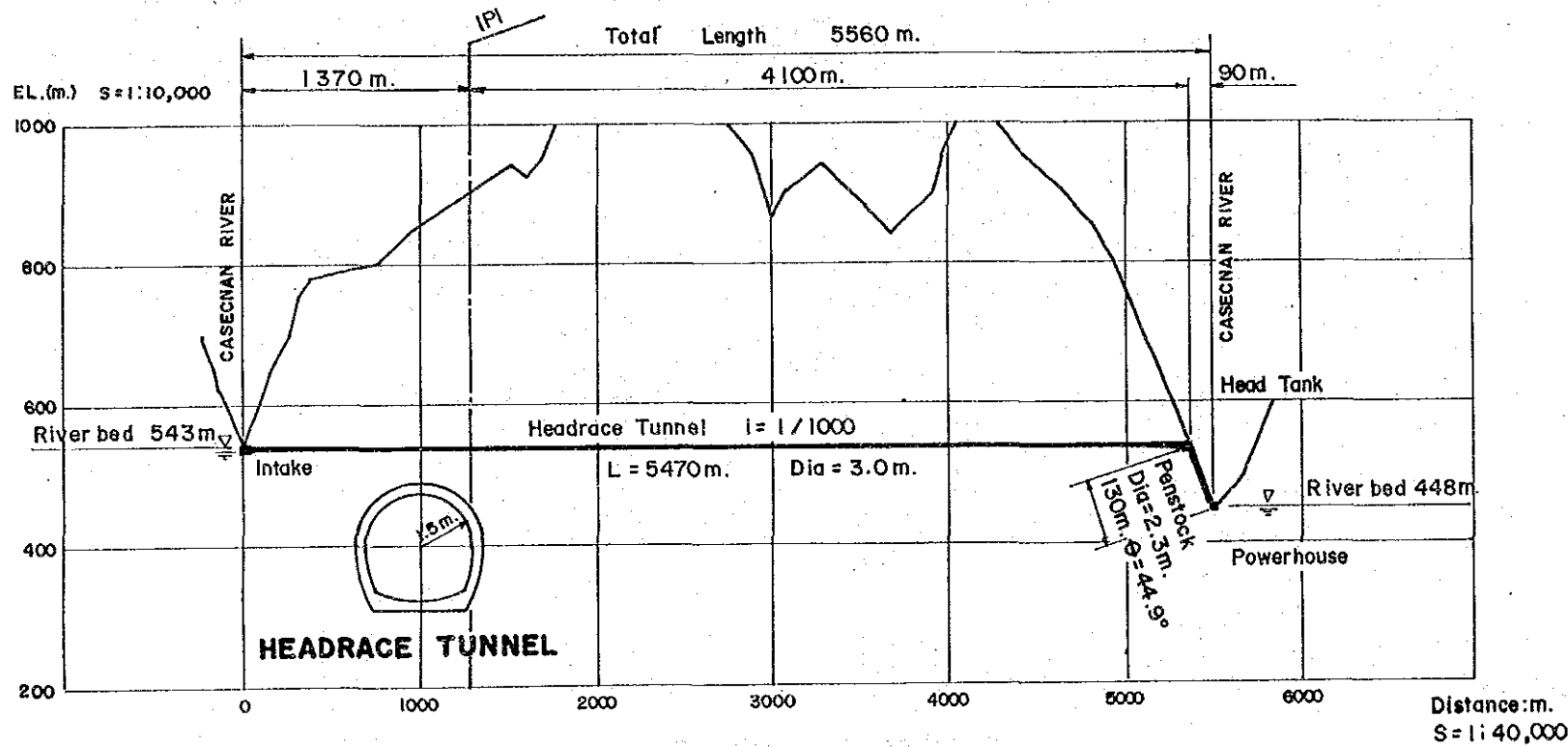
INTAKE PLAN S=1:10,000



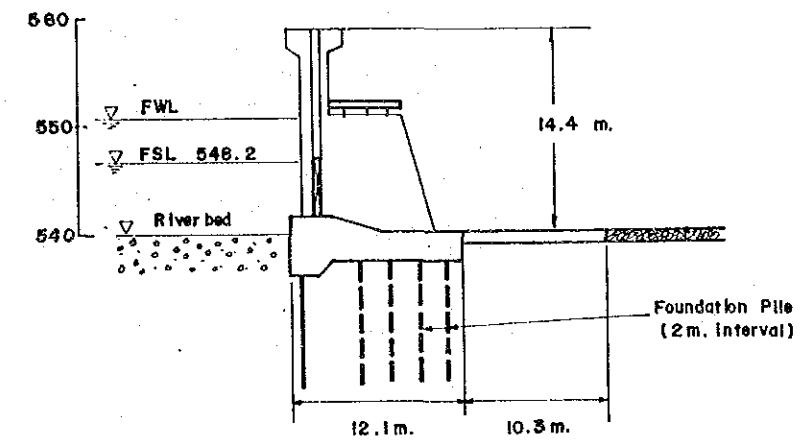
POWERHOUSE PLAN S=1:10,000



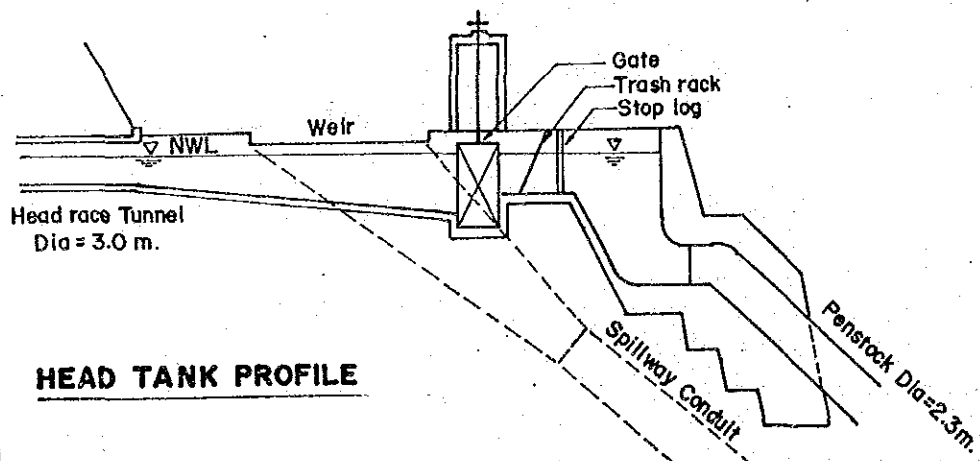
WEIR and INTAKE S=1:1000



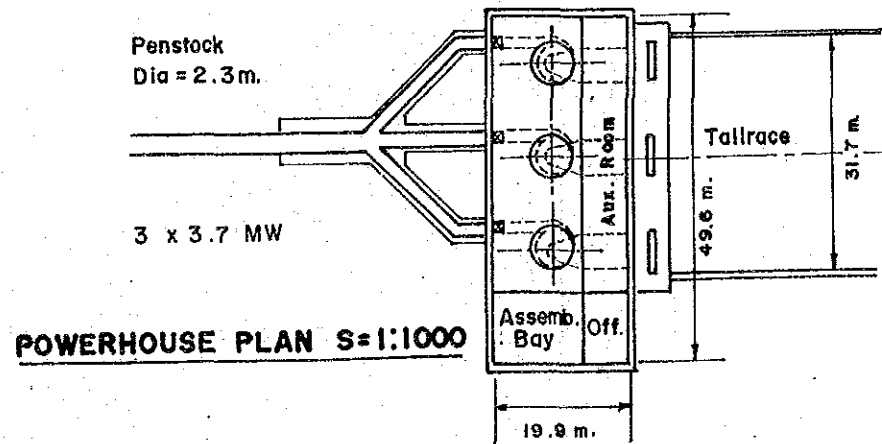
WATERWAY PROFILE



INTAKE WEIR SECTION S=1:500

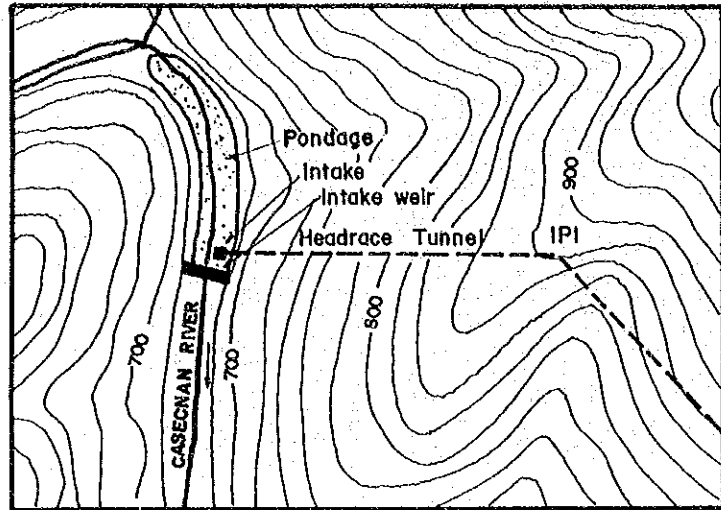


HEAD TANK PROFILE

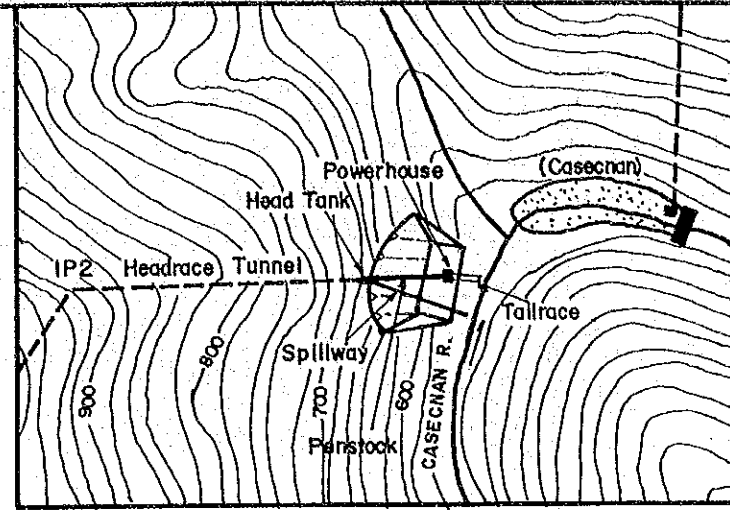


POWERHOUSE PLAN S=1:1000

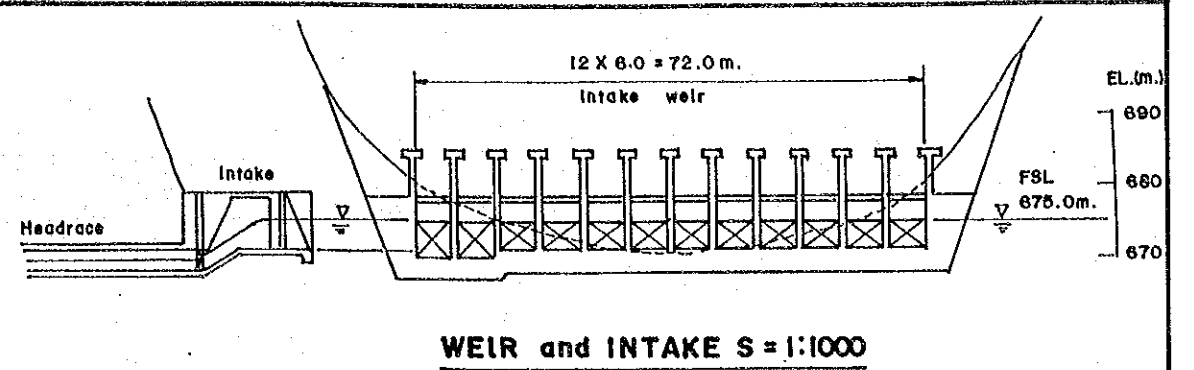
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-29-58-0-2		
CASECNAN GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	57
JAPAN INTERNATIONAL COOPERATION AGENCY			



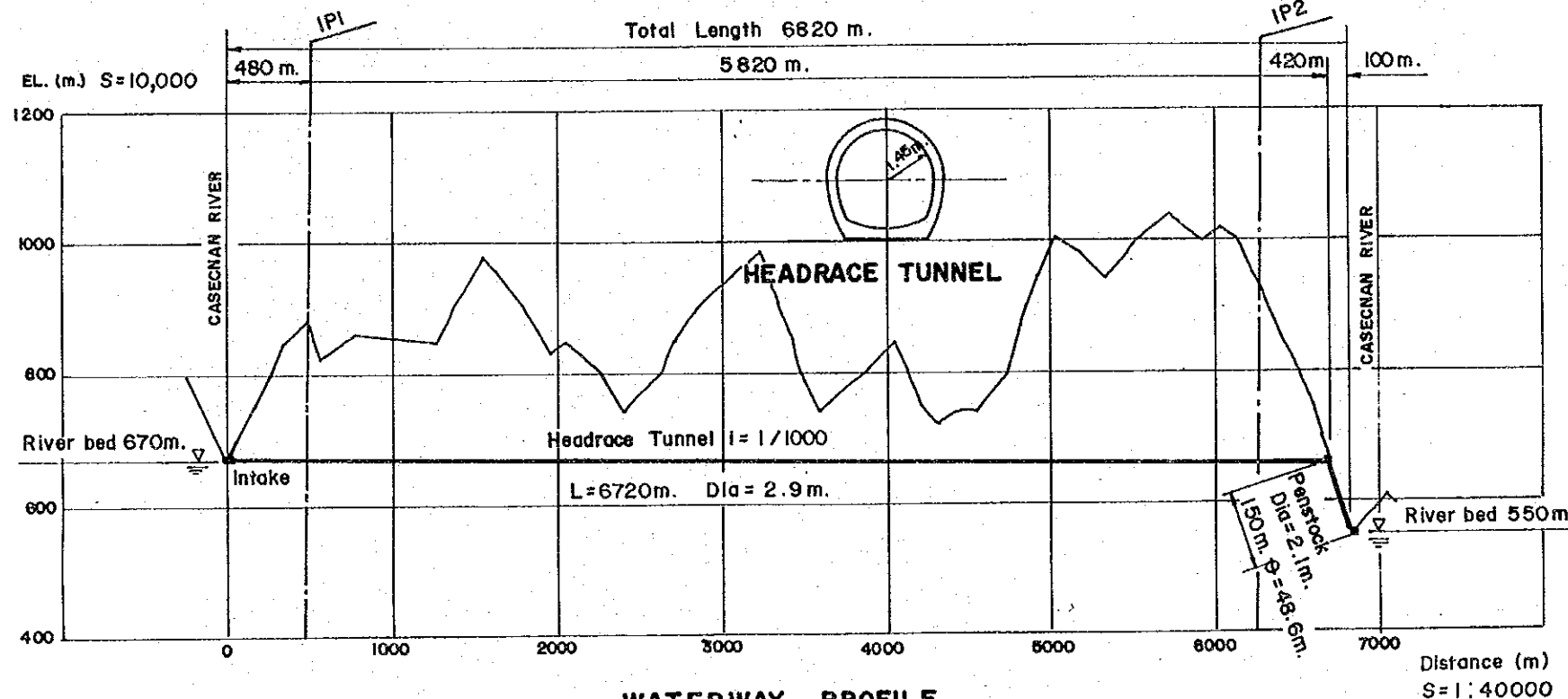
INTAKE PLAN S = 1:10,000



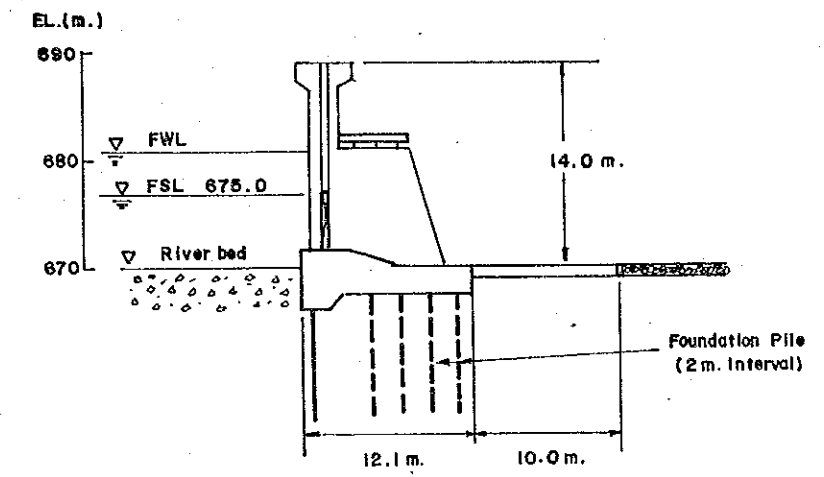
POWERHOUSE PLAN S=1:10,000



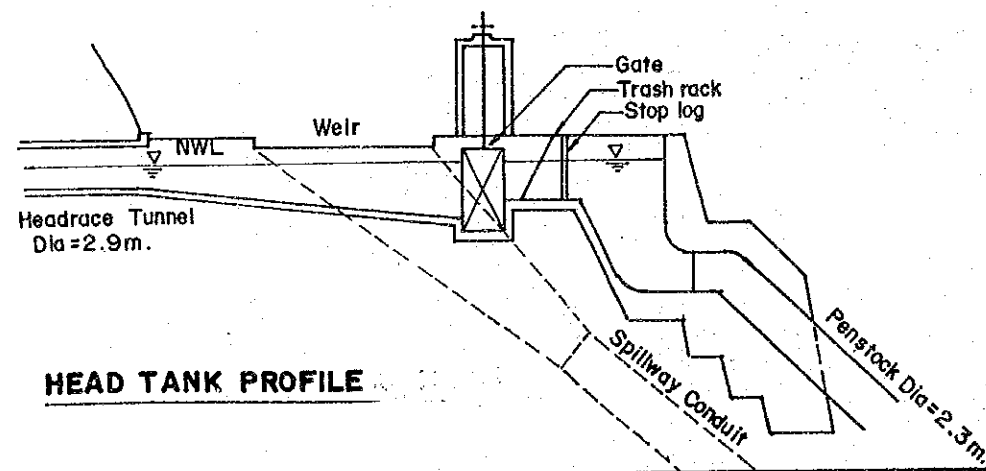
WEIR and INTAKE S = 1:1000



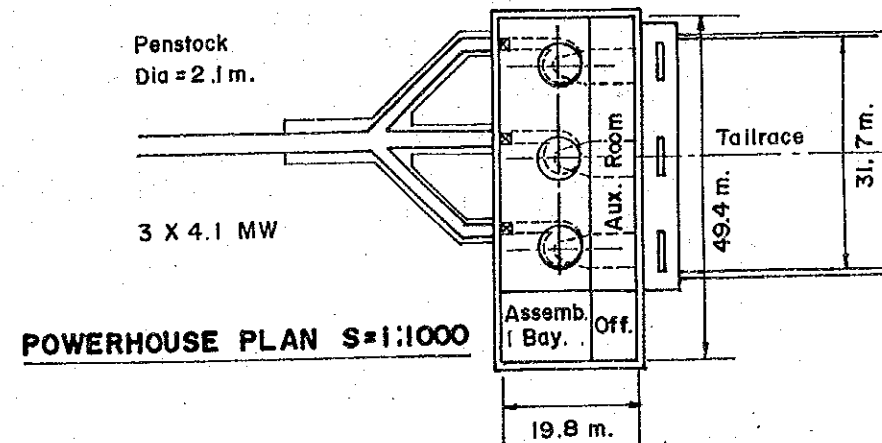
WATERWAY PROFILE



INTAKE WEIR SECTION S=1:500

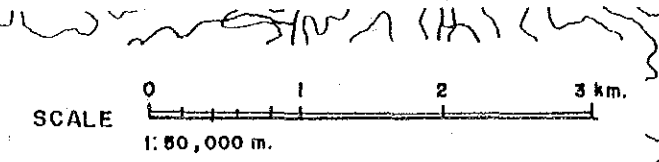
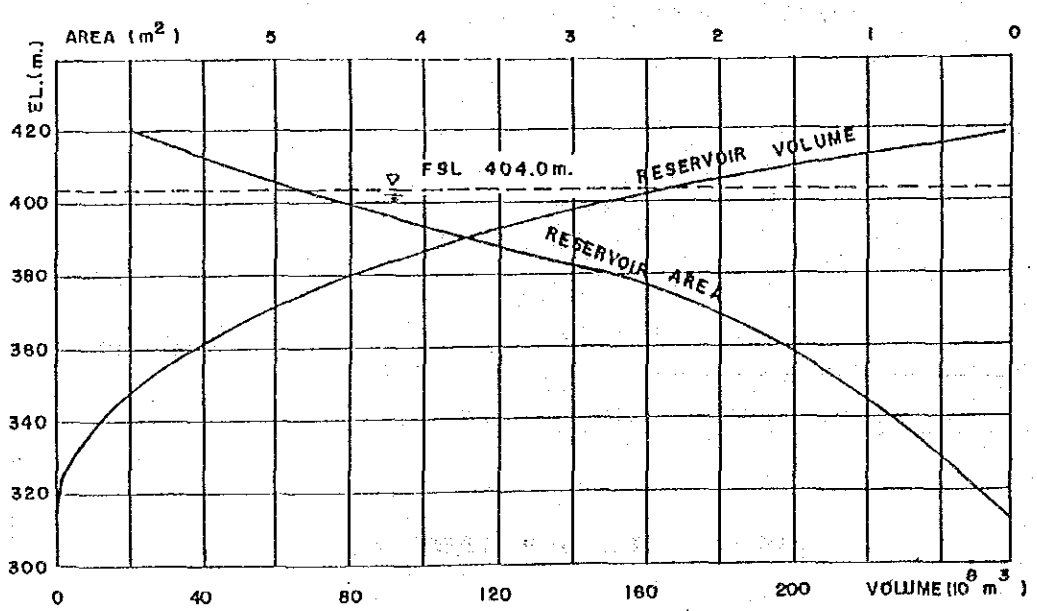
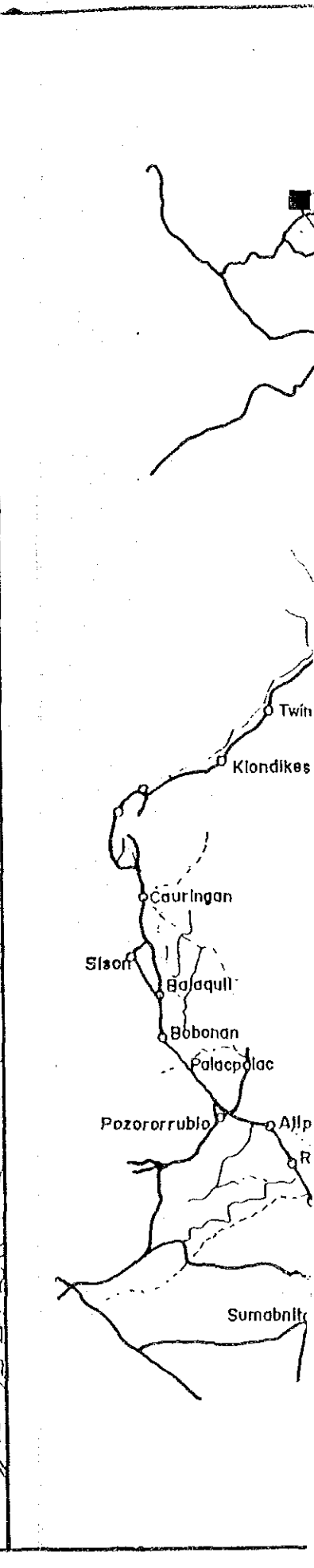
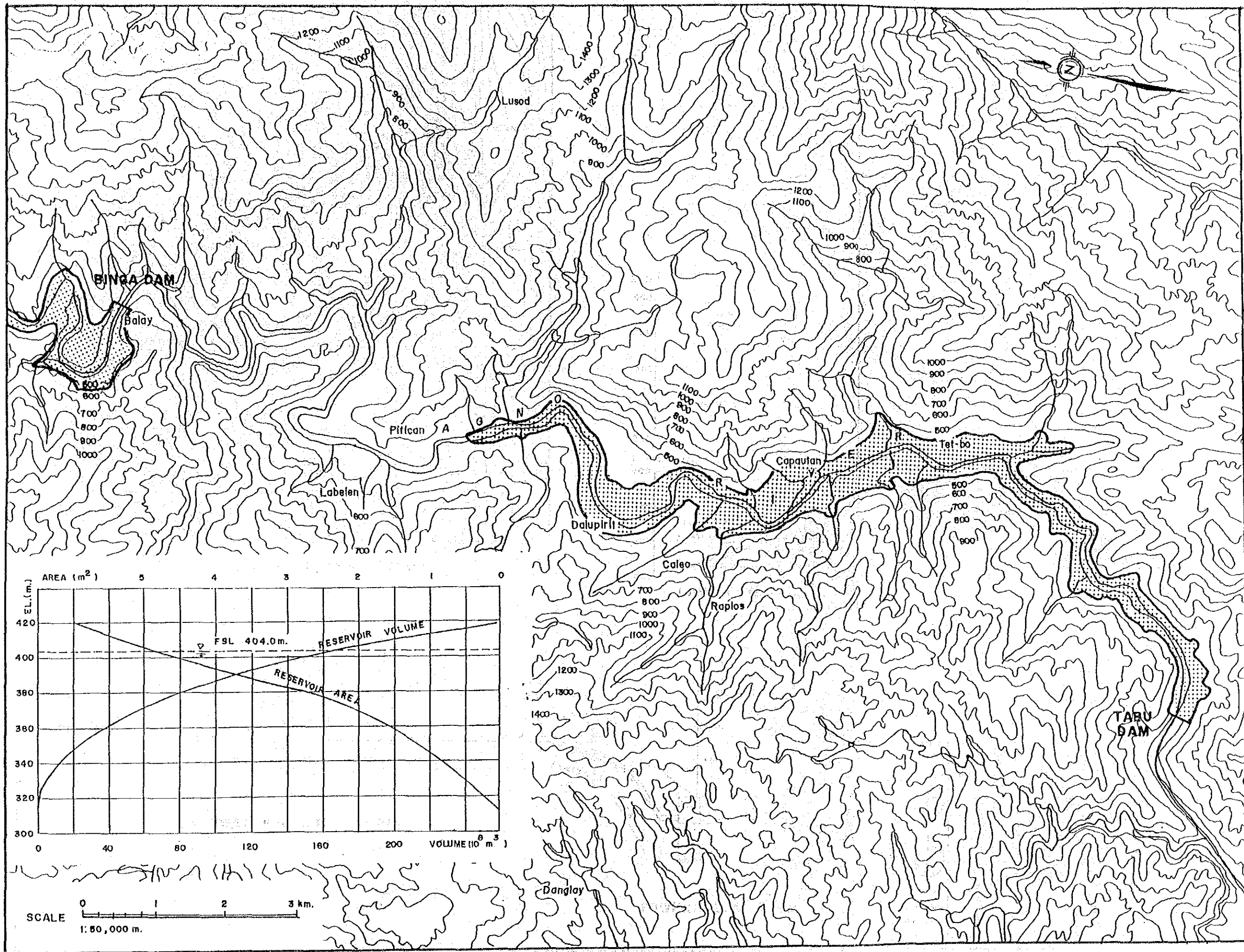


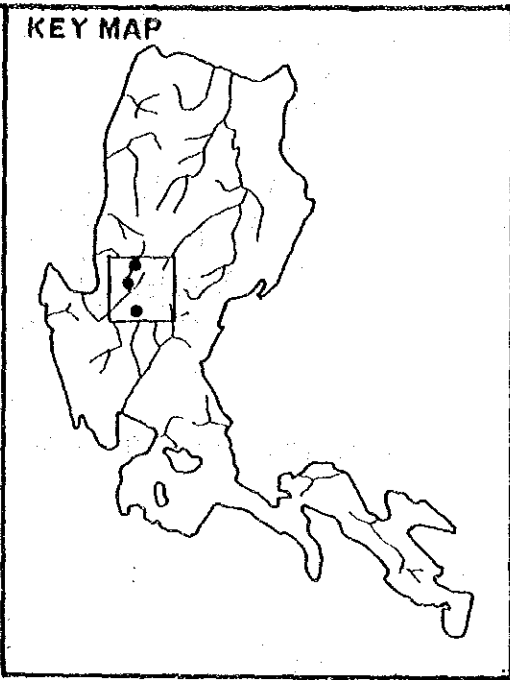
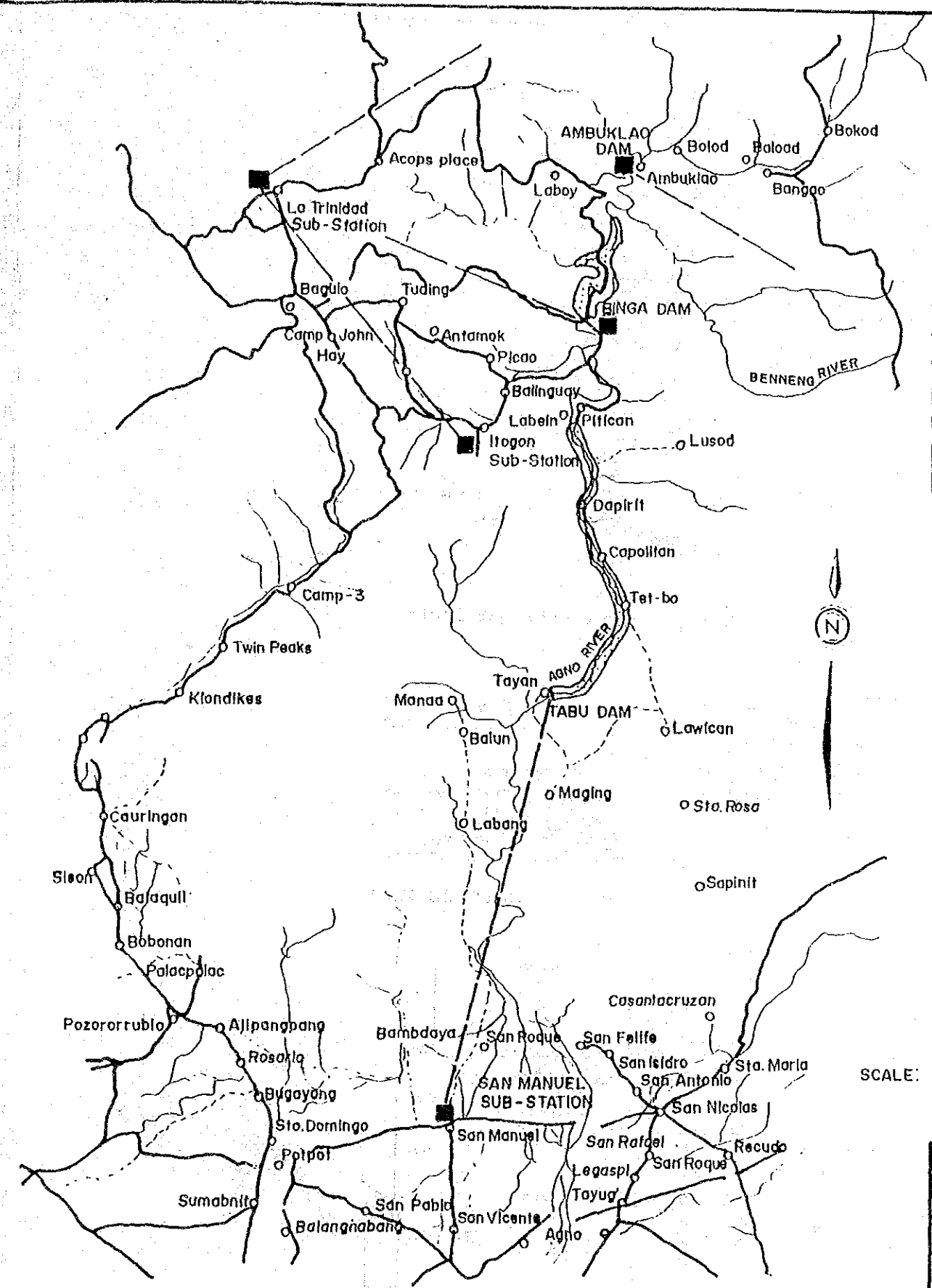
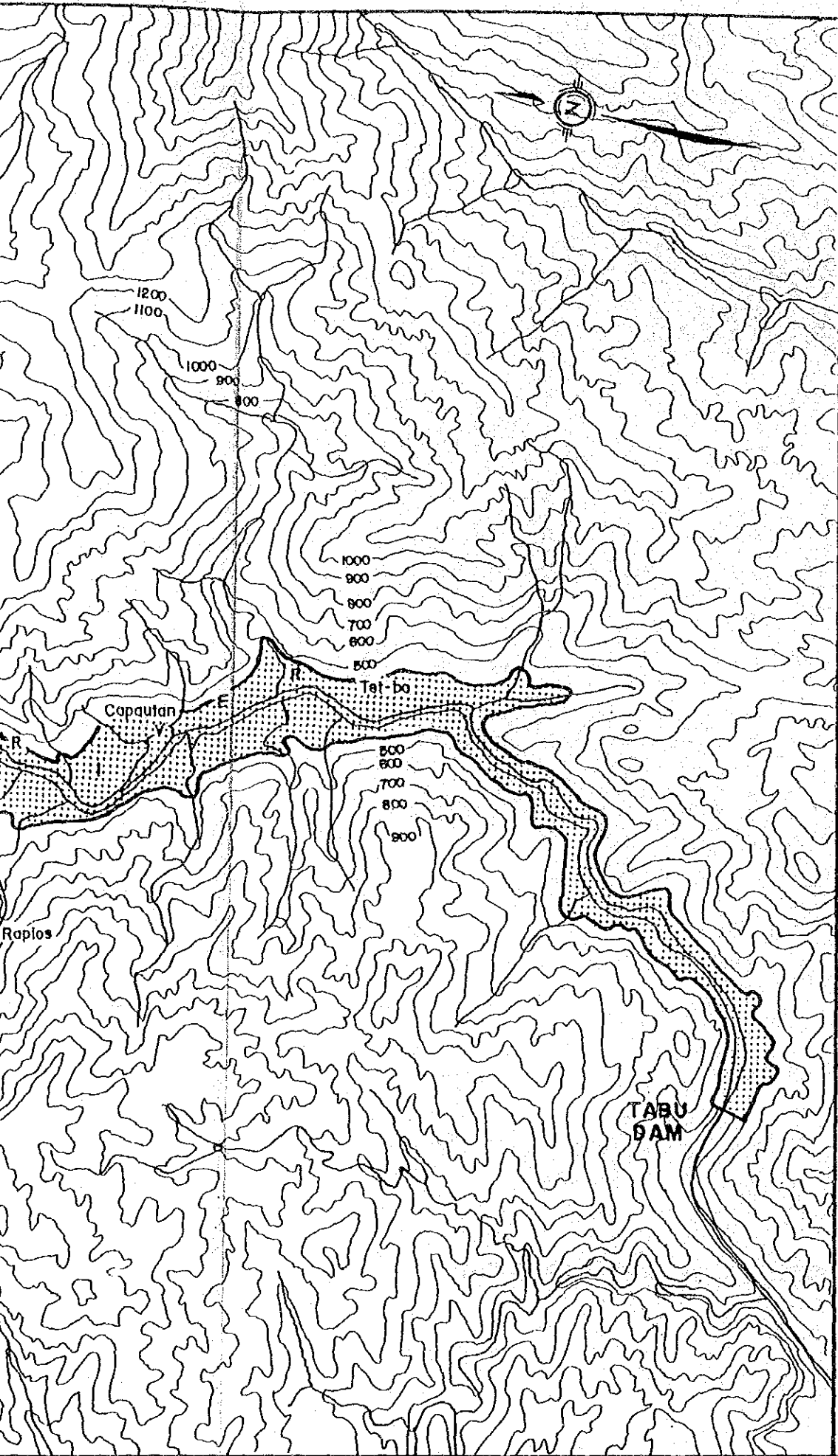
HEAD TANK PROFILE



POWERHOUSE PLAN S=1:1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-29-59-0-2		
UPPER CASECNAN GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	58
JAPAN INTERNATIONAL COOPERATION AGENCY			

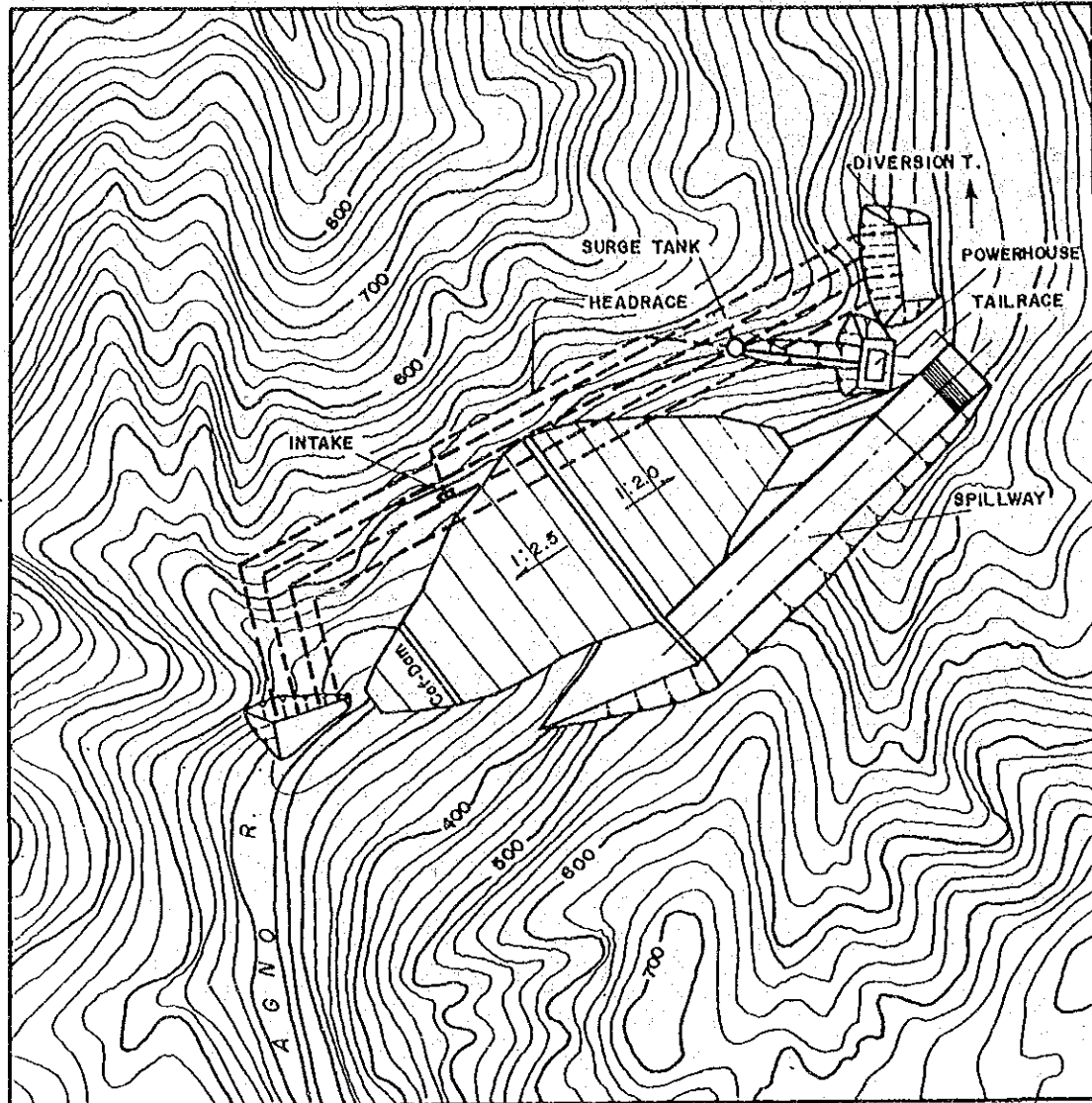




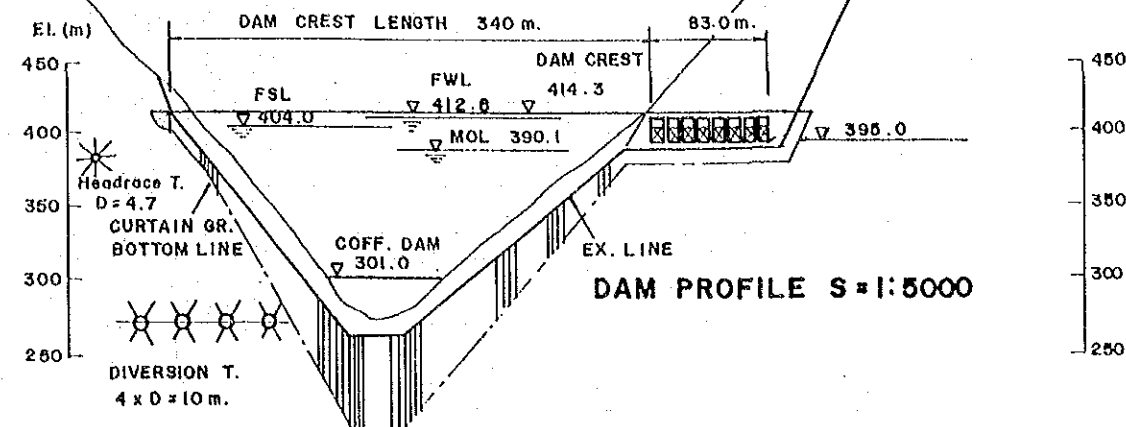
LEGEND:
 ■ SUB STATION
 --- TRANSMISSION LINE

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

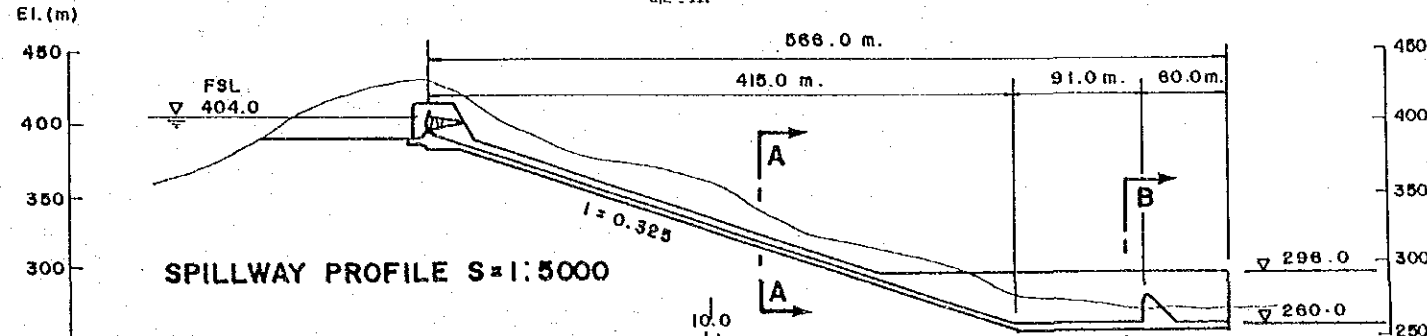
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		3-077-00-04-1-1	
TABU LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	59
JAPAN INTERNATIONAL COOPERATION AGENCY			



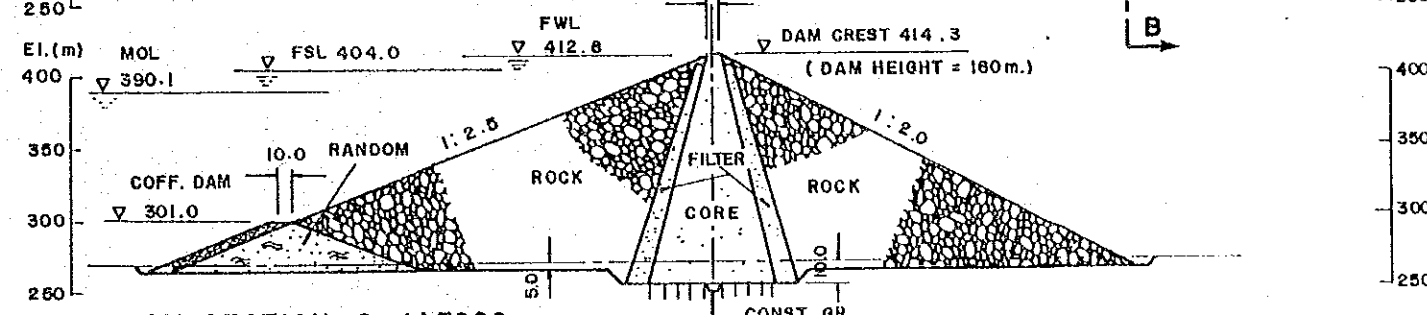
DAM PLAN S=1:10,000



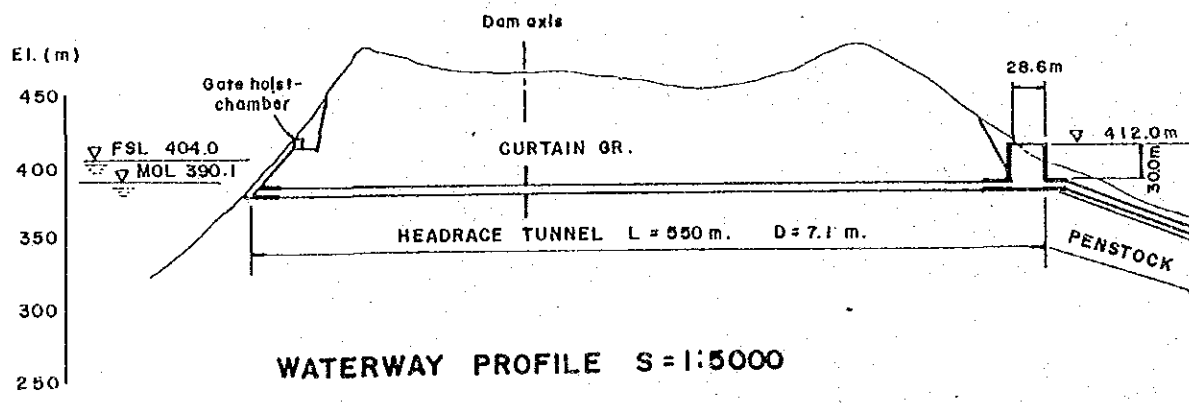
DAM PROFILE S=1:5000



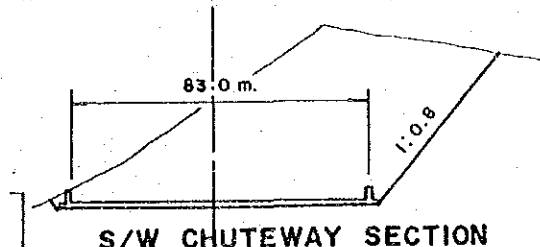
SPILLWAY PROFILE S=1:5000



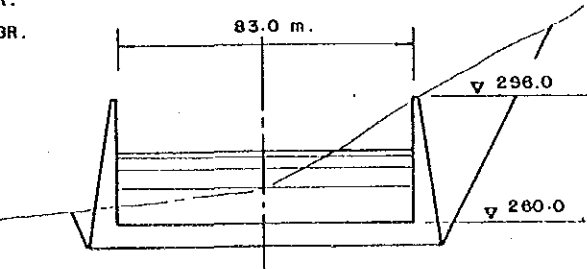
DAM SECTION S=1:5000



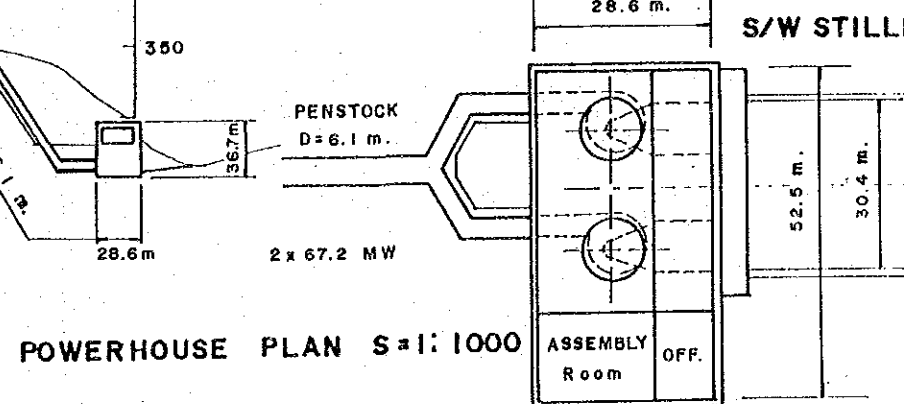
WATERWAY PROFILE S=1:5000



S/W CHUTEWAY SECTION S=1:2000

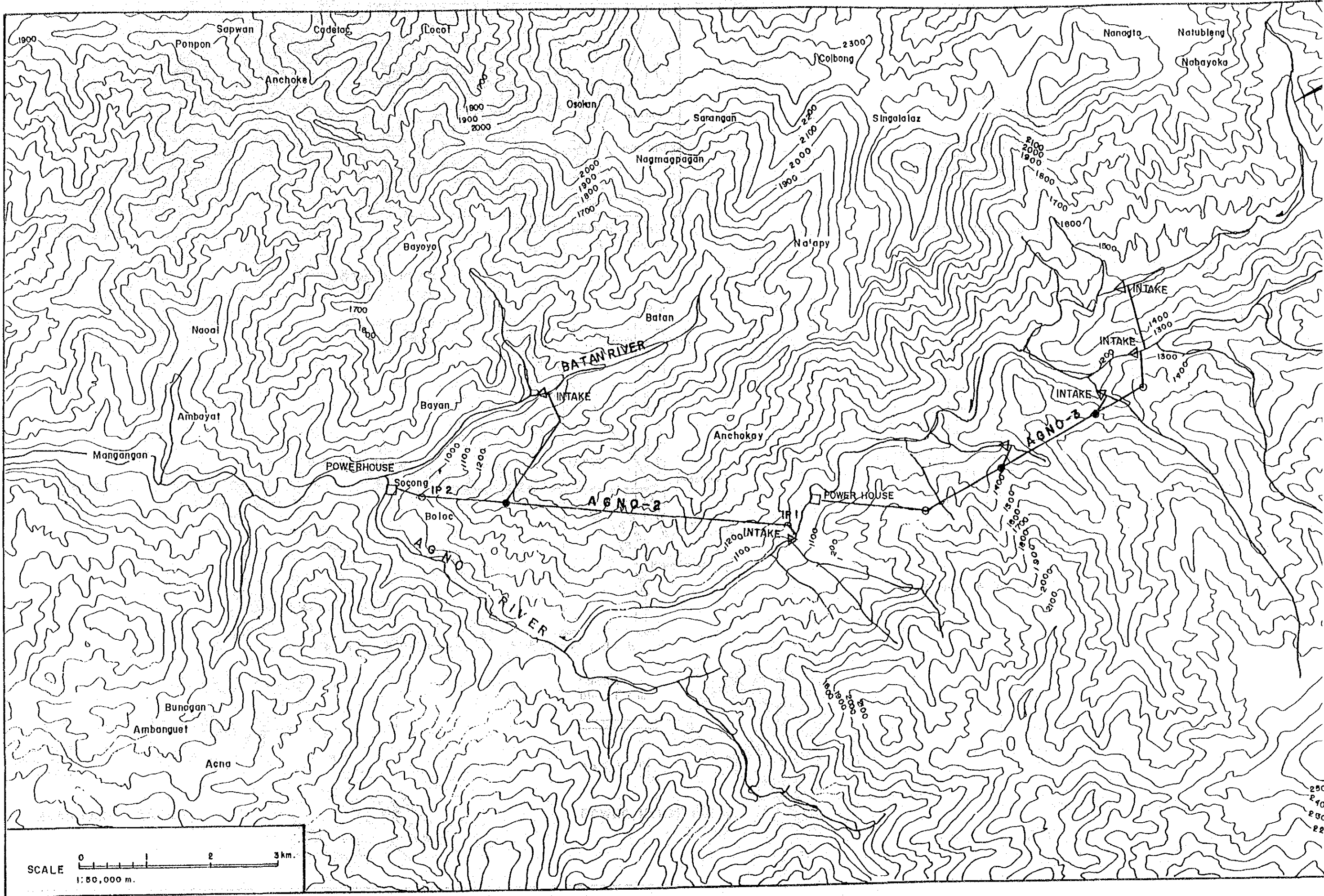


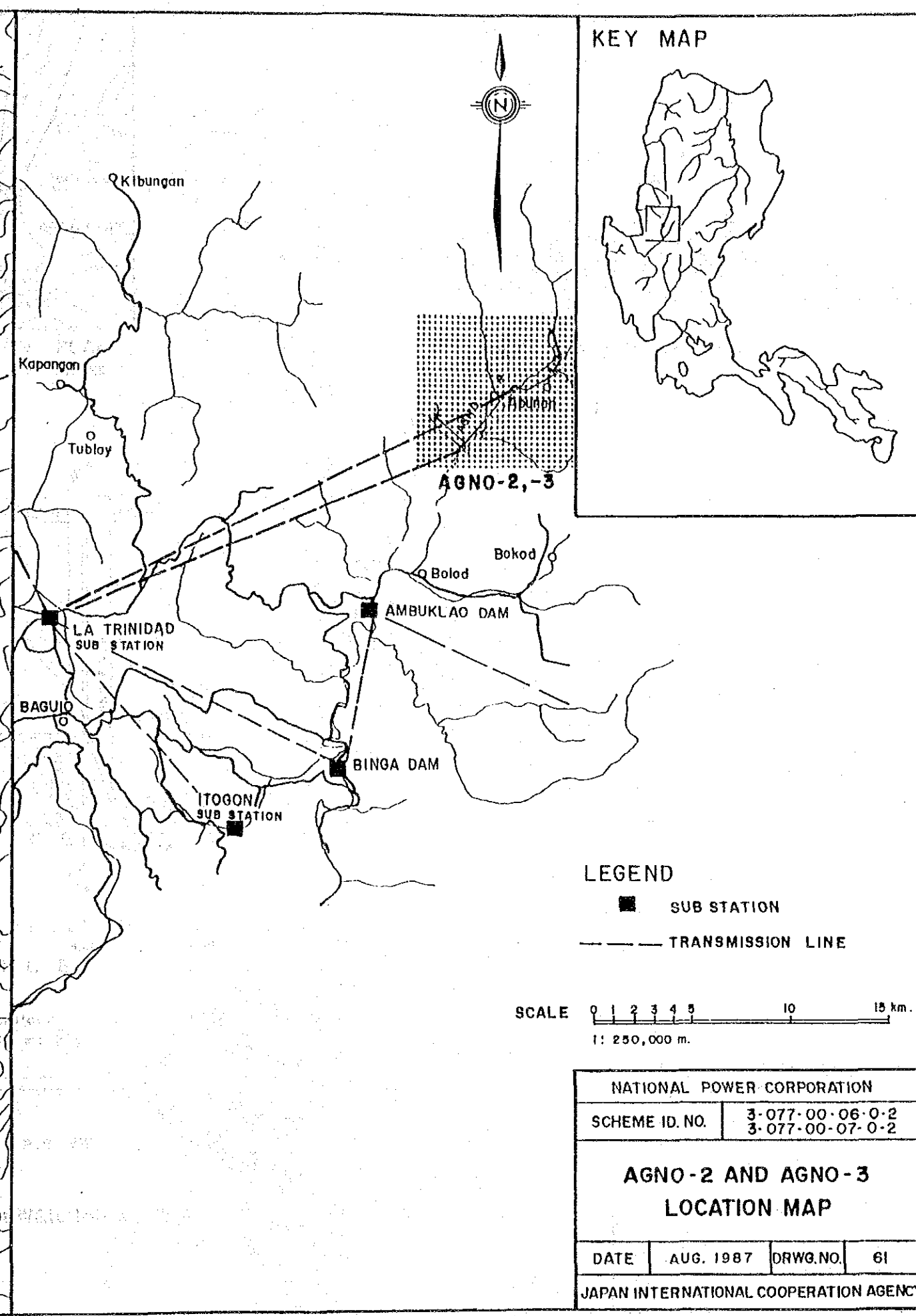
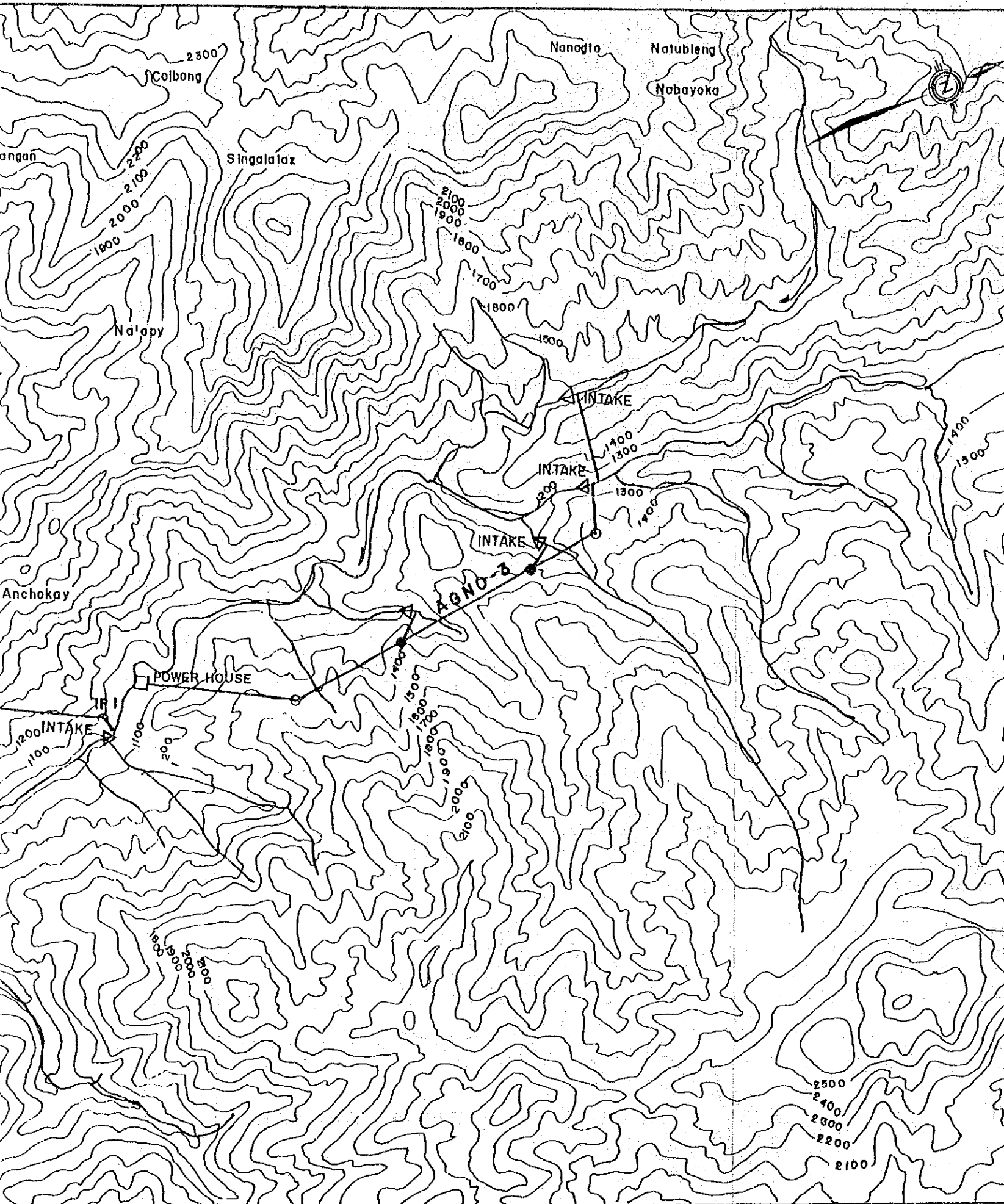
S/W STILLING BASIN SECTION S=1:2000



POWERHOUSE PLAN S=1:1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	3-007-00-04-1-1		
TABU			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	60
JAPAN INTERNATIONAL COOPERATION AGENCY			



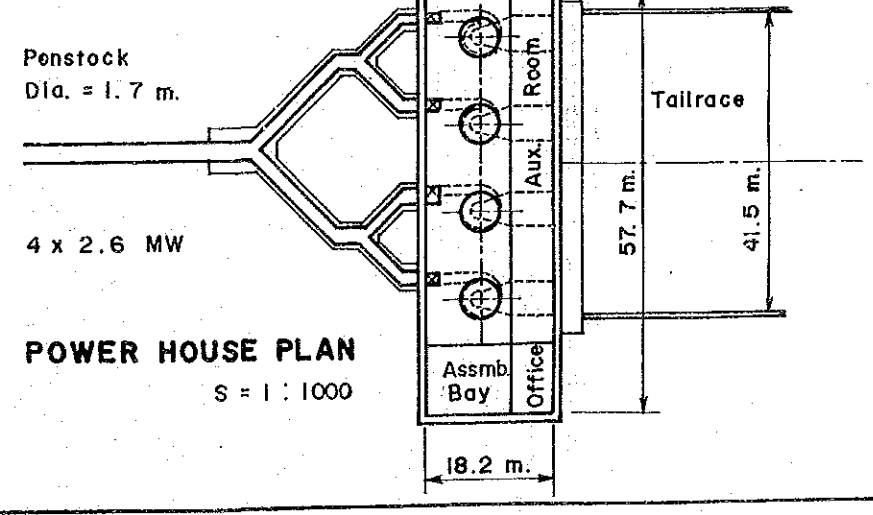
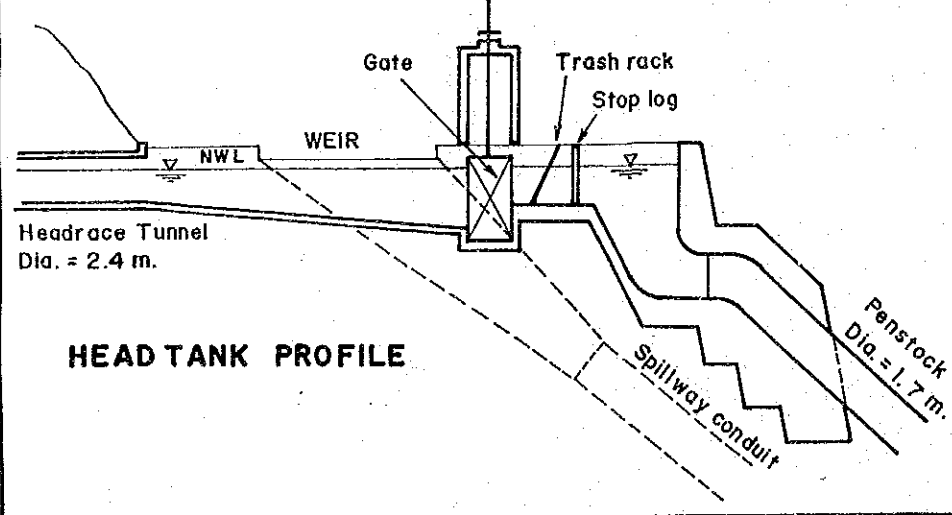
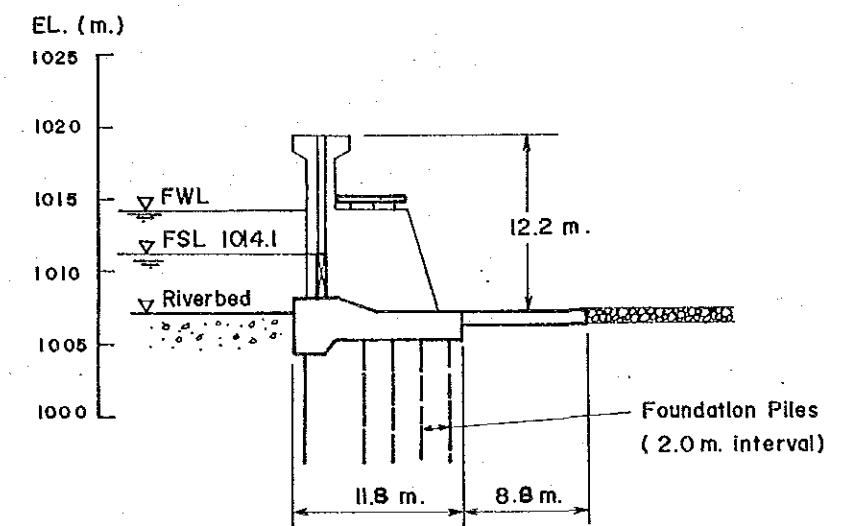
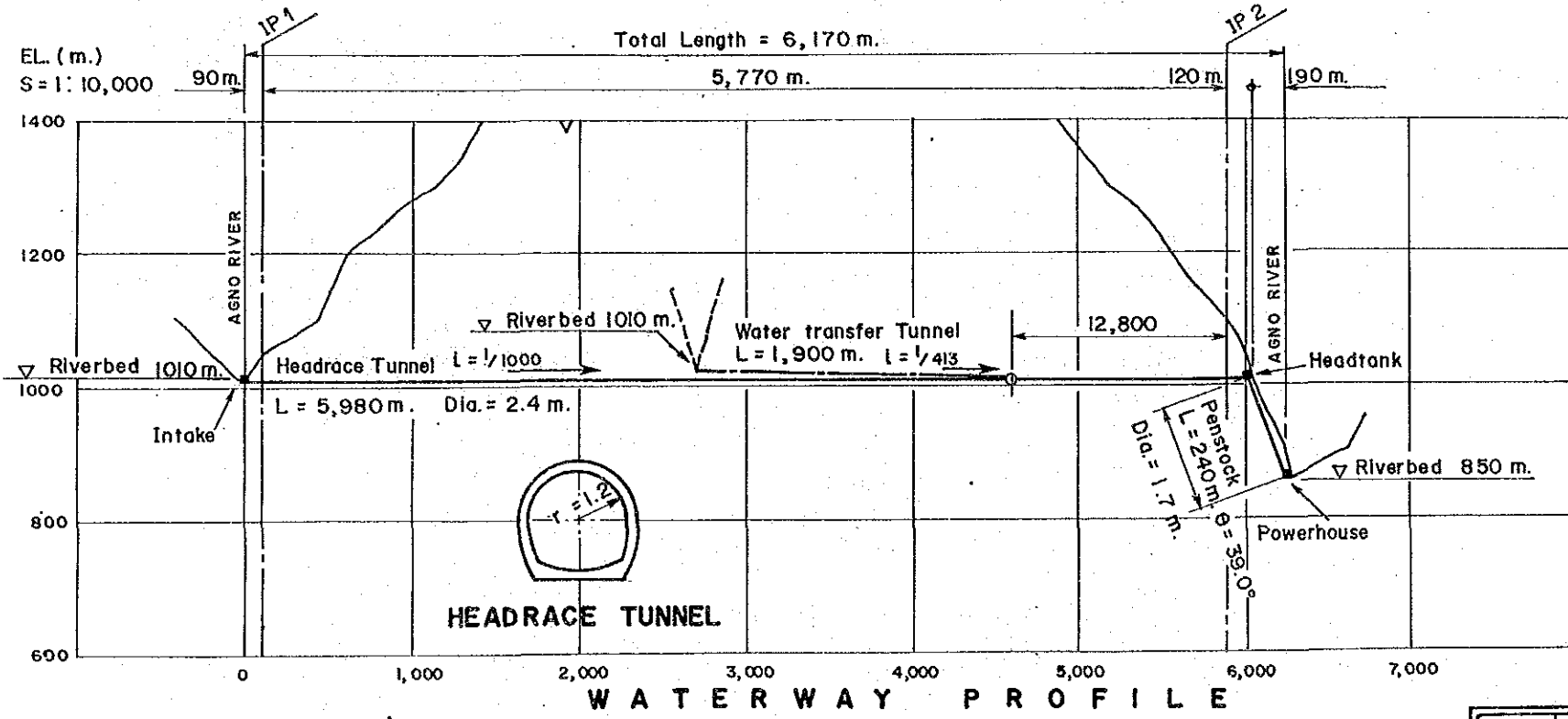
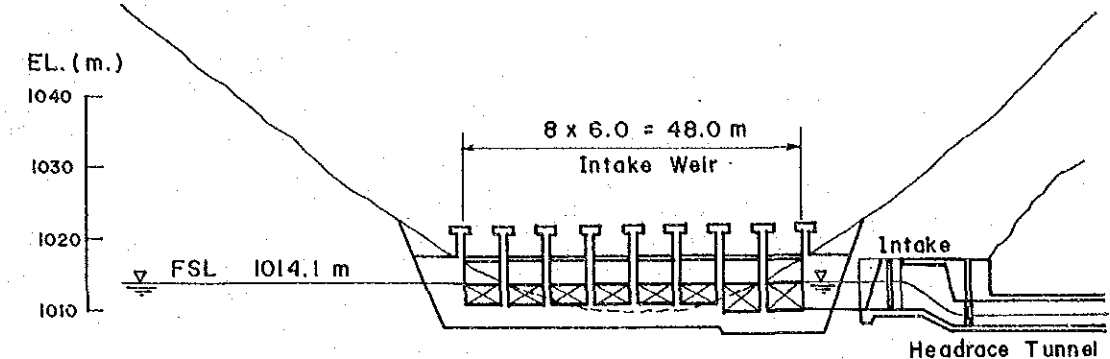
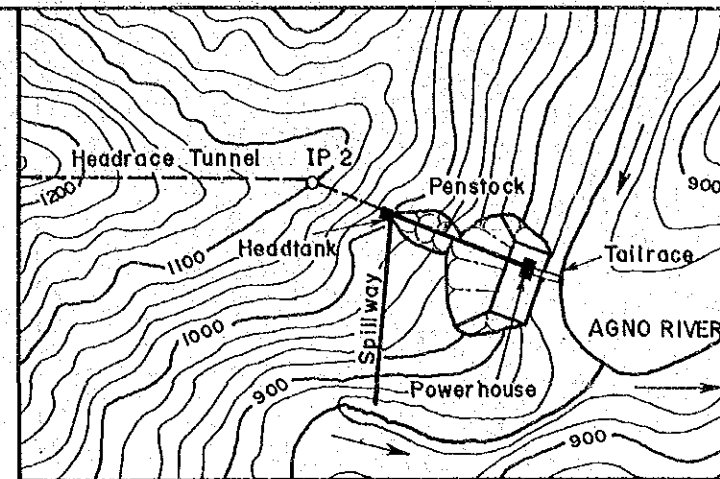
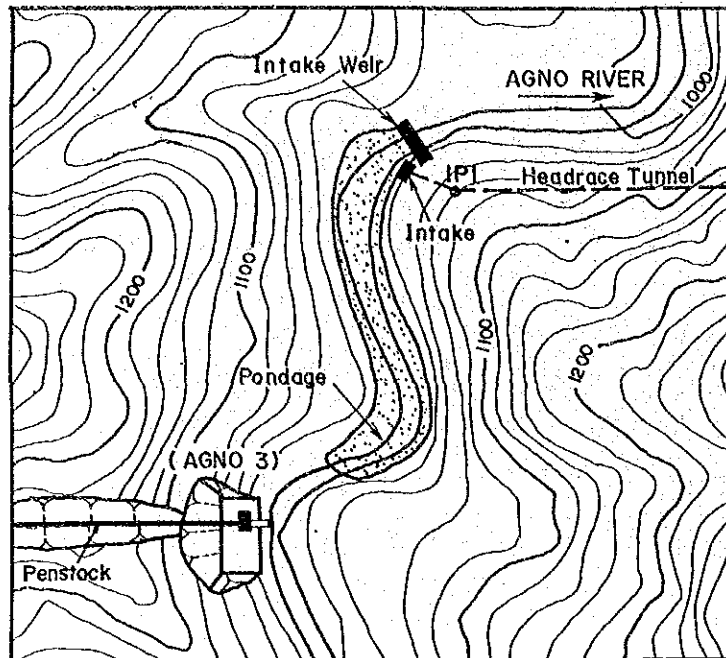


LEGEND

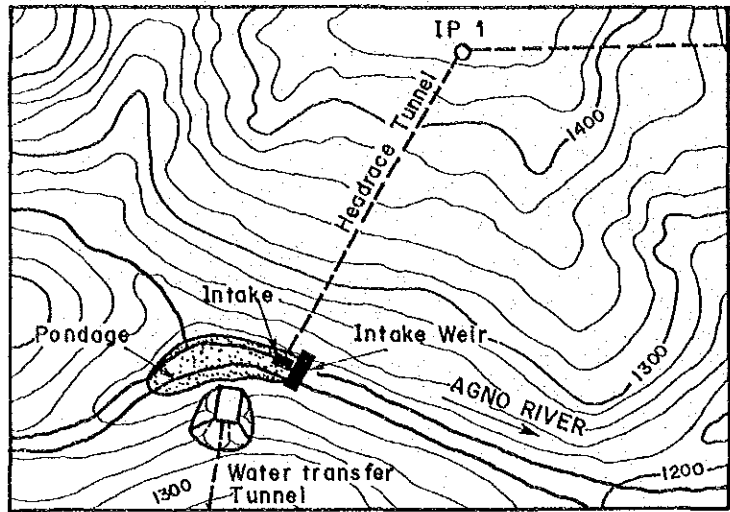
- SUB STATION
- TRANSMISSION LINE

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

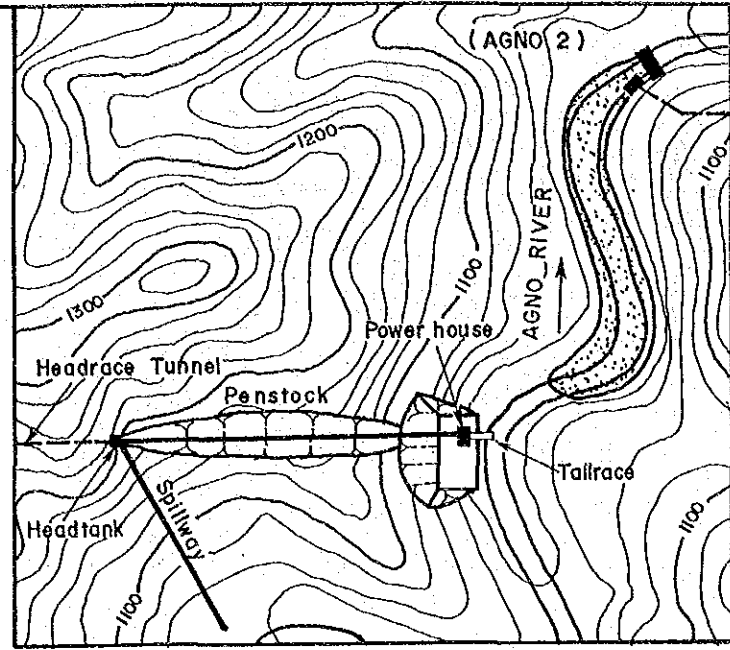
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		3-077-00-06-0-2 3-077-00-07-0-2	
AGNO-2 AND AGNO-3 LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	61
JAPAN INTERNATIONAL COOPERATION AGENCY			



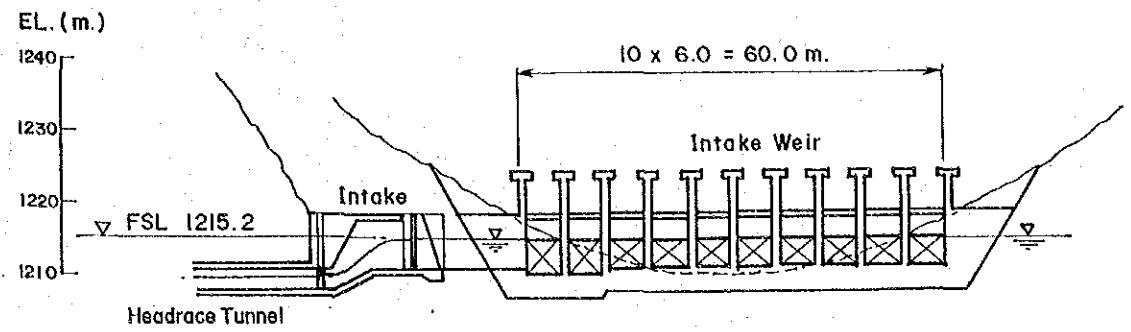
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	3-077-00-06-0-2		
AGNO-2 GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	62
JAPAN INTERNATIONAL COOPERATION AGENCY			



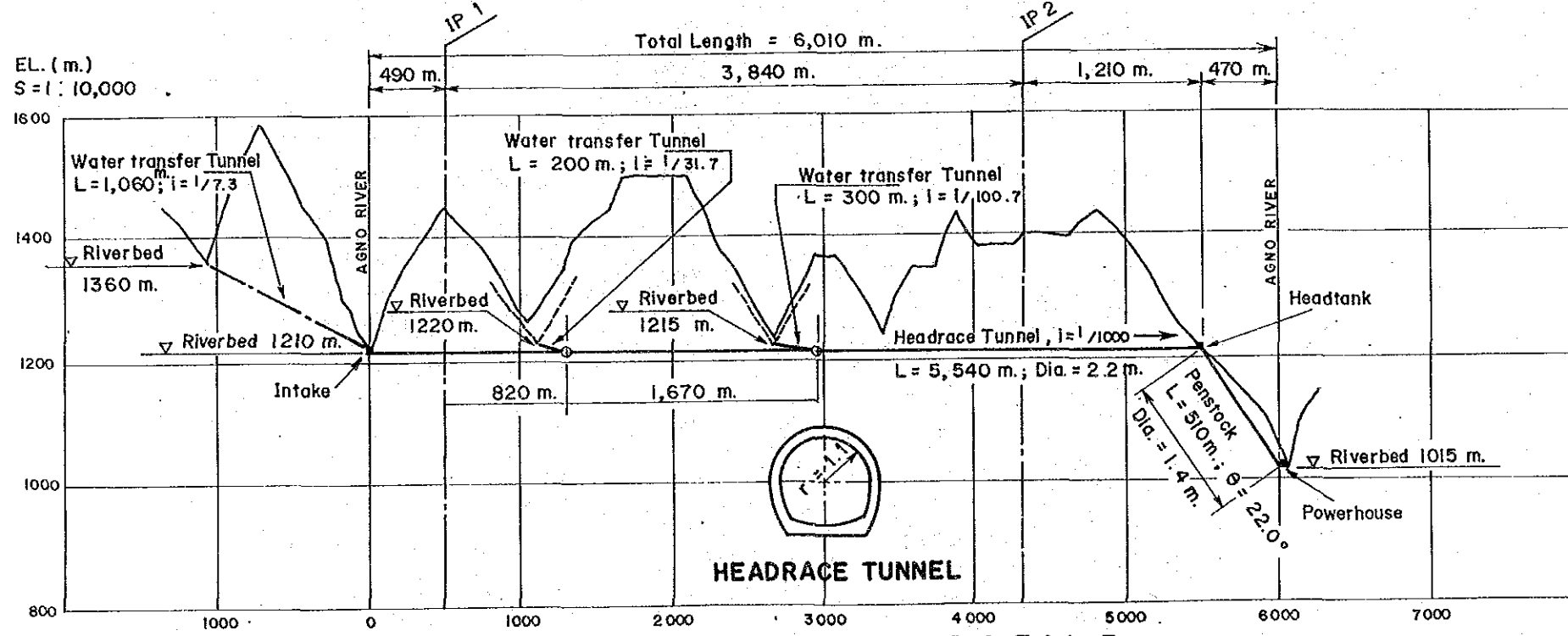
INTAKE PLAN
S = 1 : 10,000



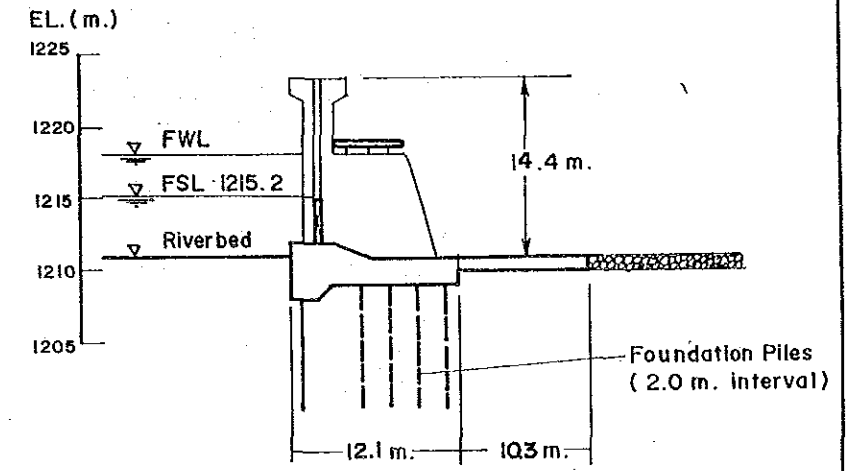
POWER HOUSE PLAN
S = 1 : 10,000



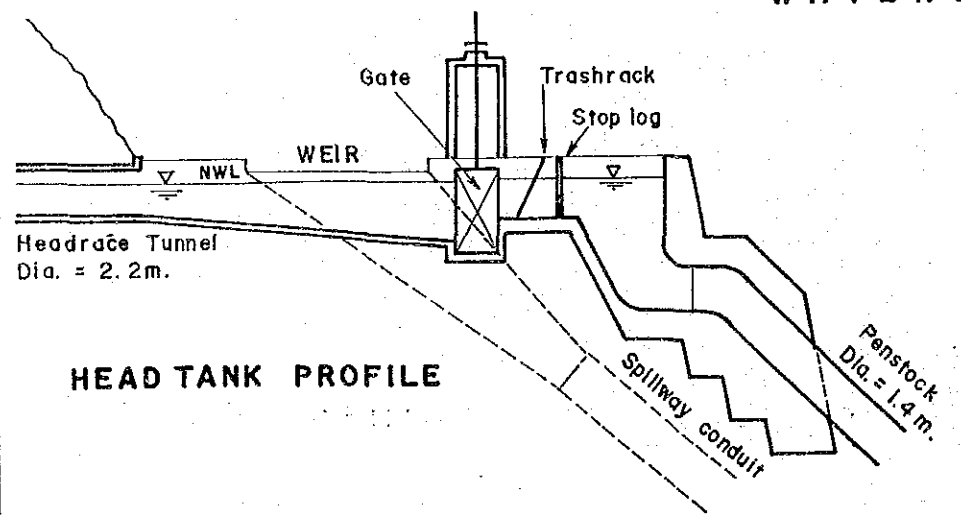
WEIR & INTAKE S=1:1000



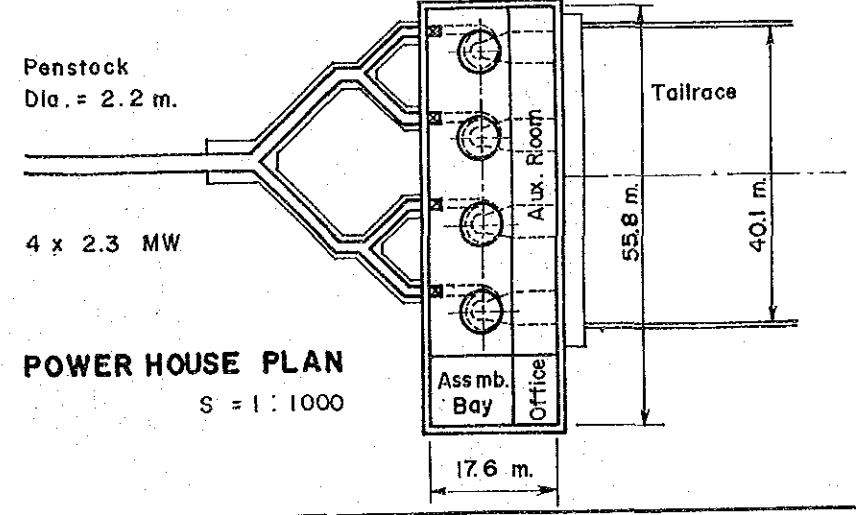
HEADRACE TUNNEL
WATERWAY PROFILE



INTAKE WEIR SECTION
S = 1 : 500

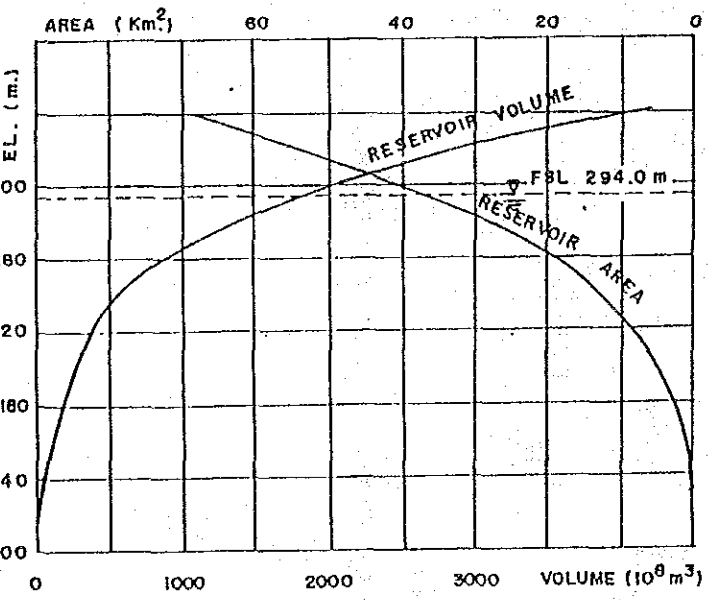
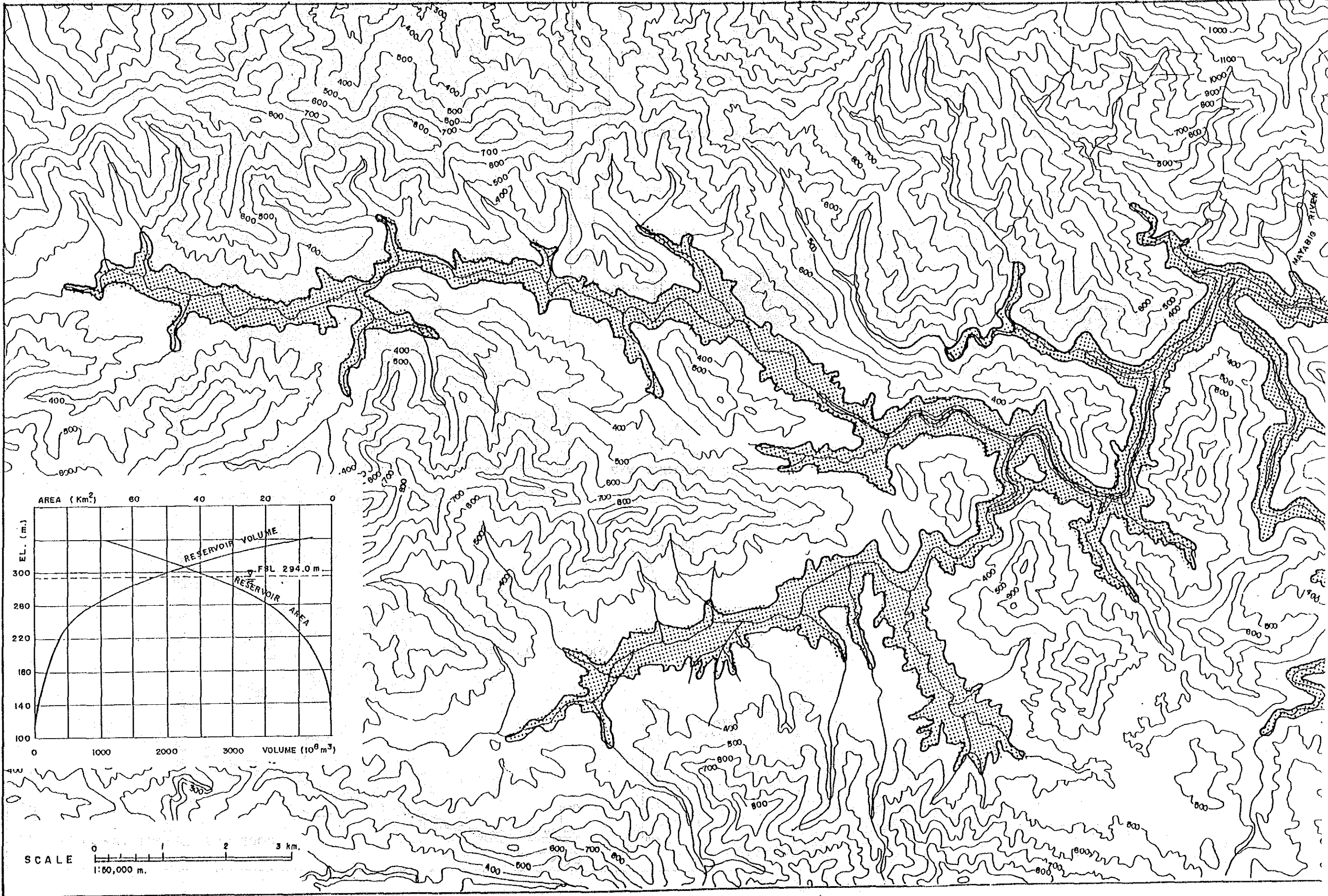


HEAD TANK PROFILE

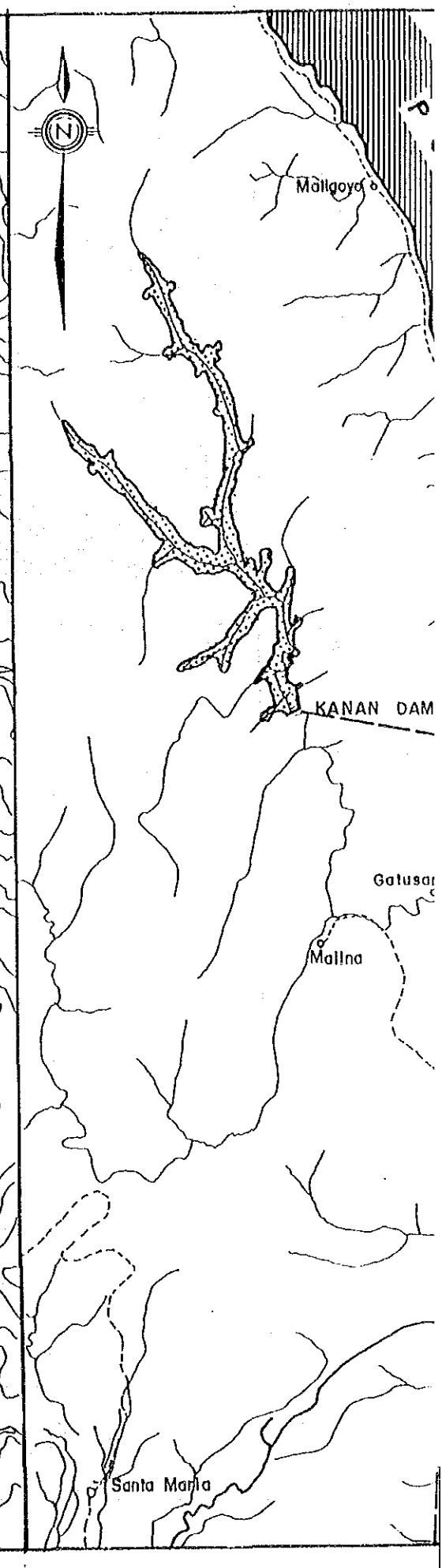
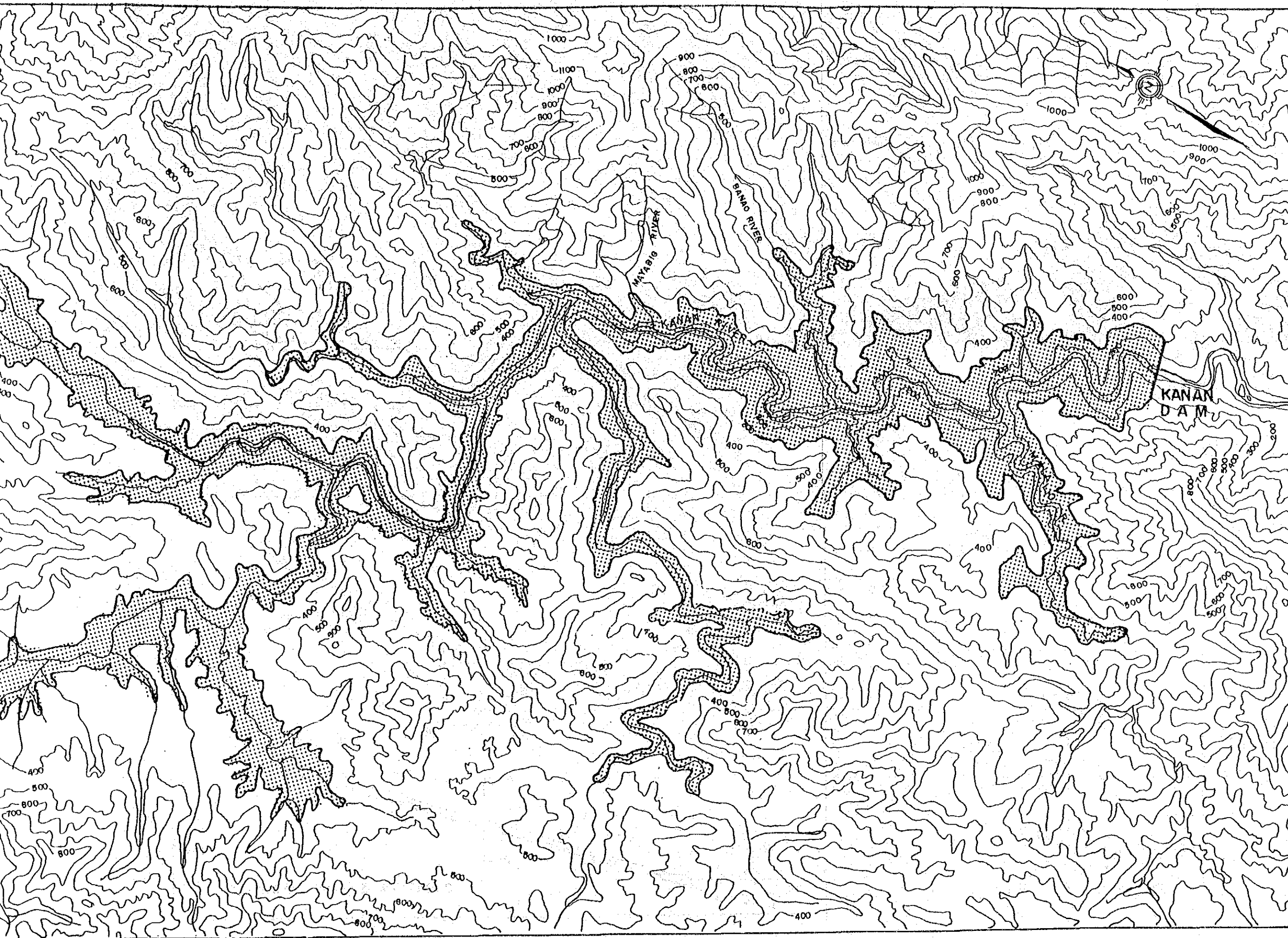


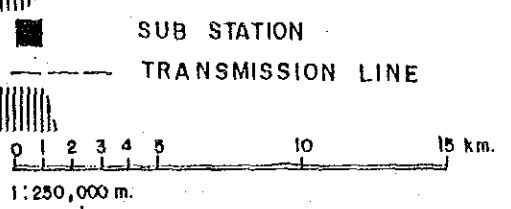
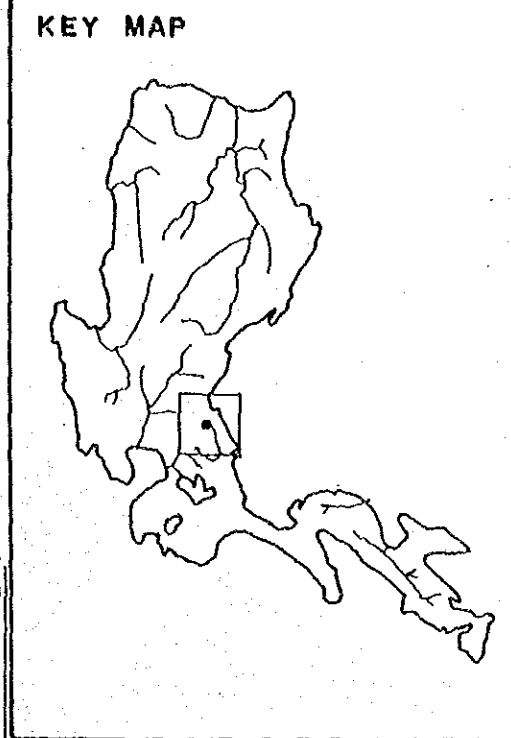
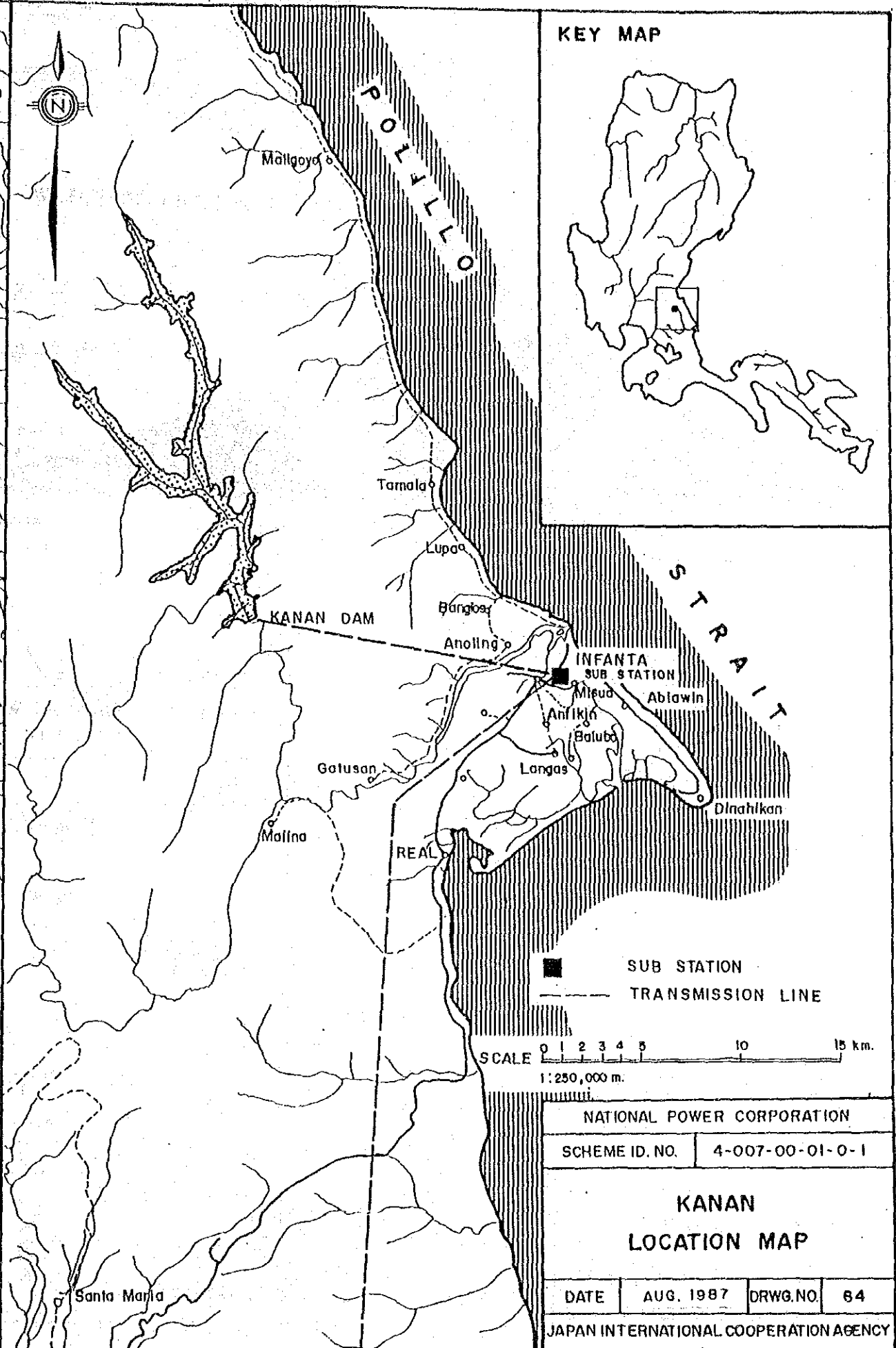
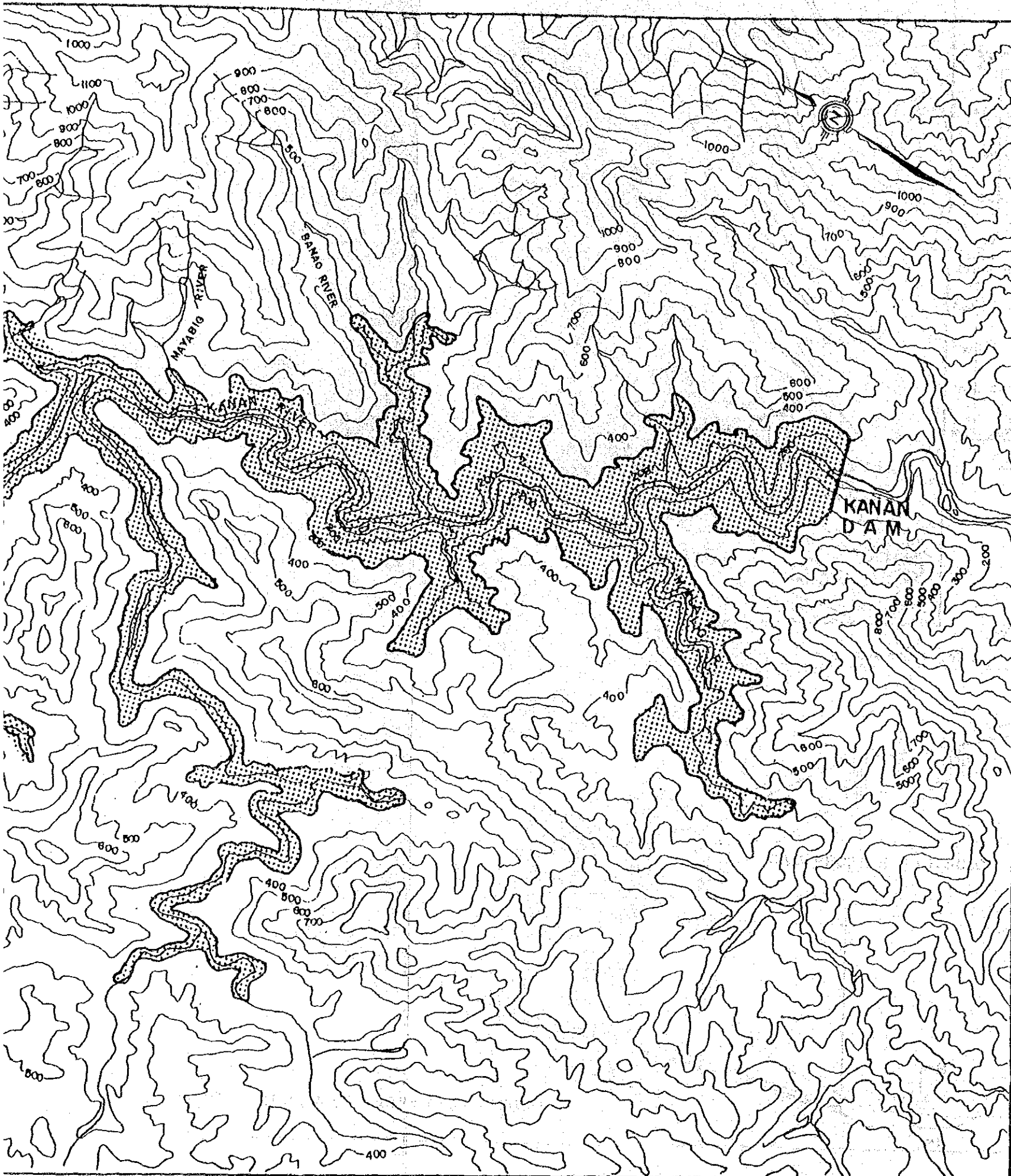
POWER HOUSE PLAN
S = 1 : 1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.		3-077-00-07-0-2	
AGNO-3			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	63
JAPAN INTERNATIONAL COOPERATION AGENCY			

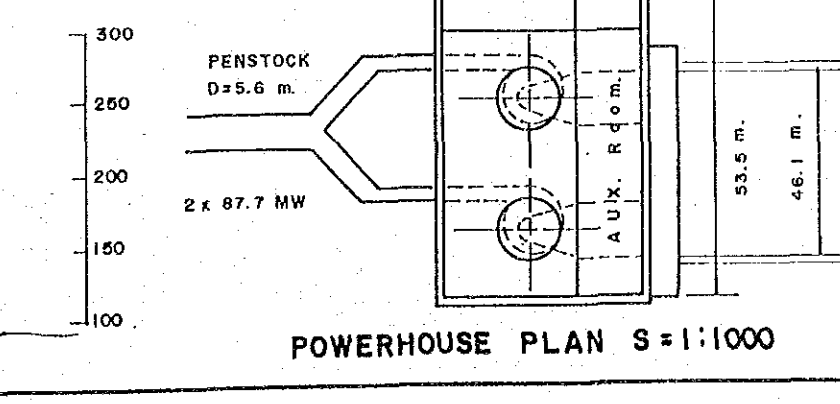
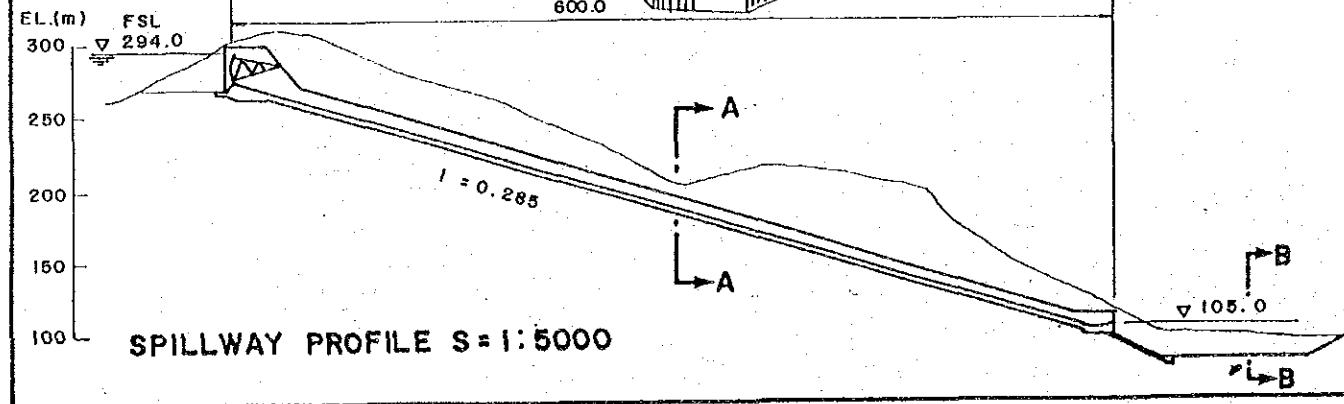
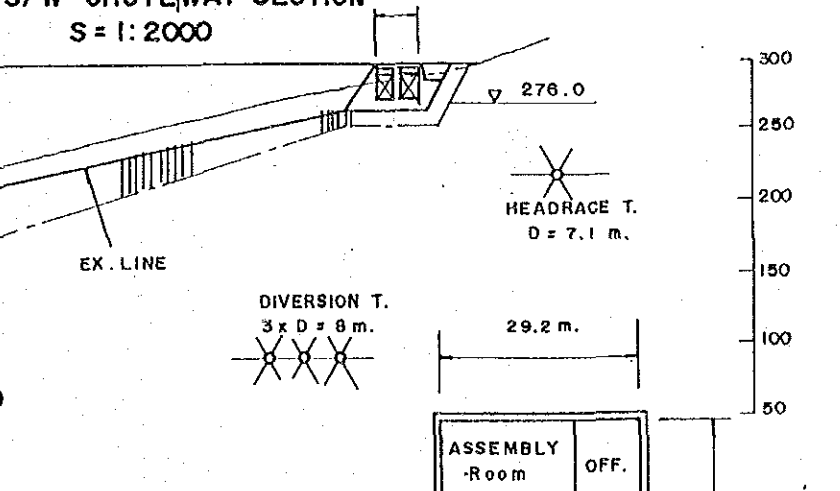
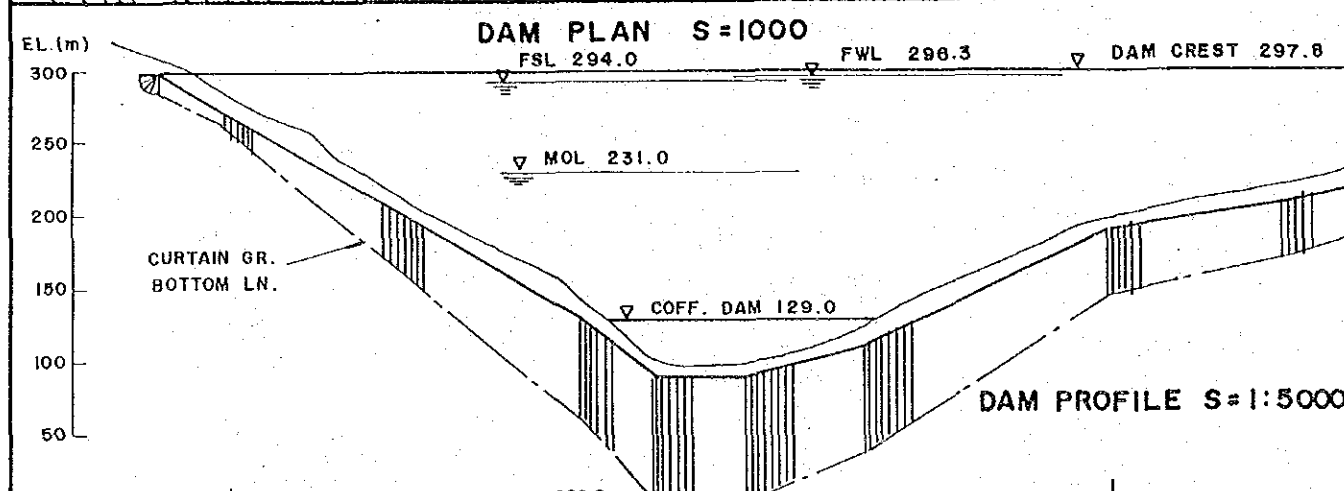
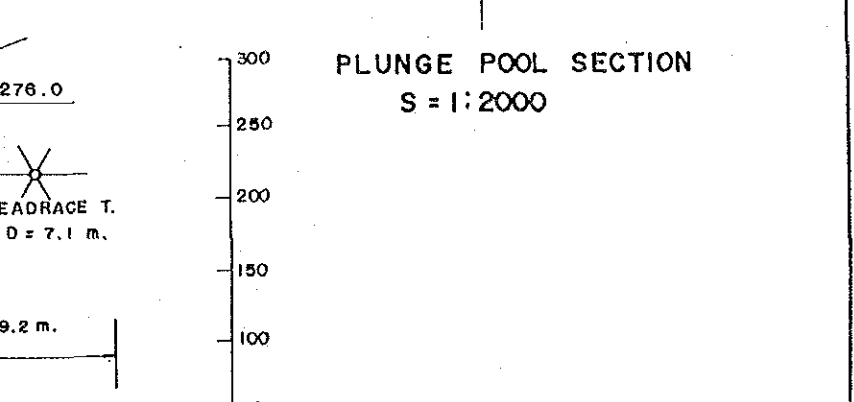
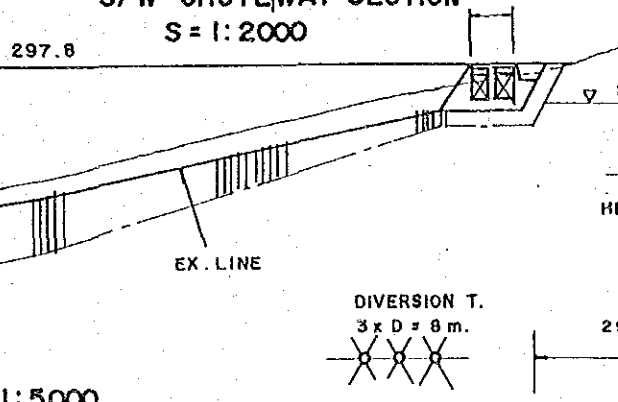
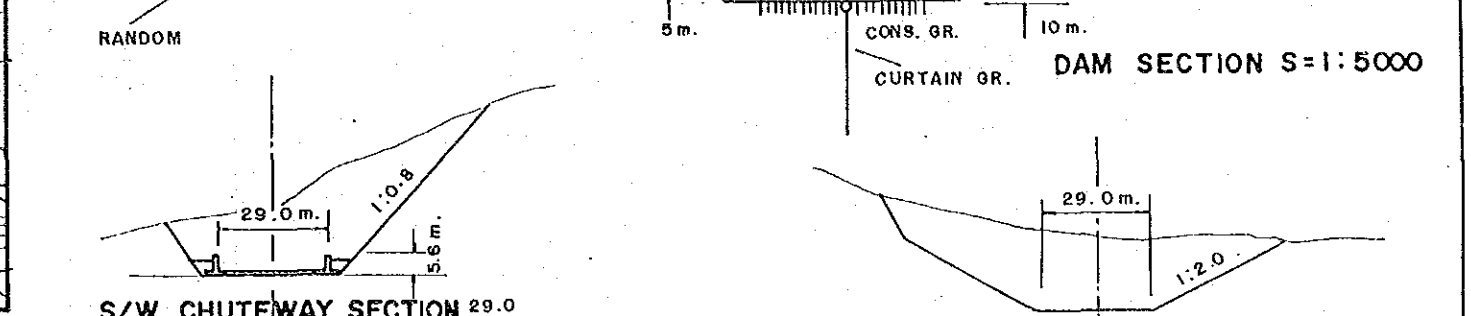
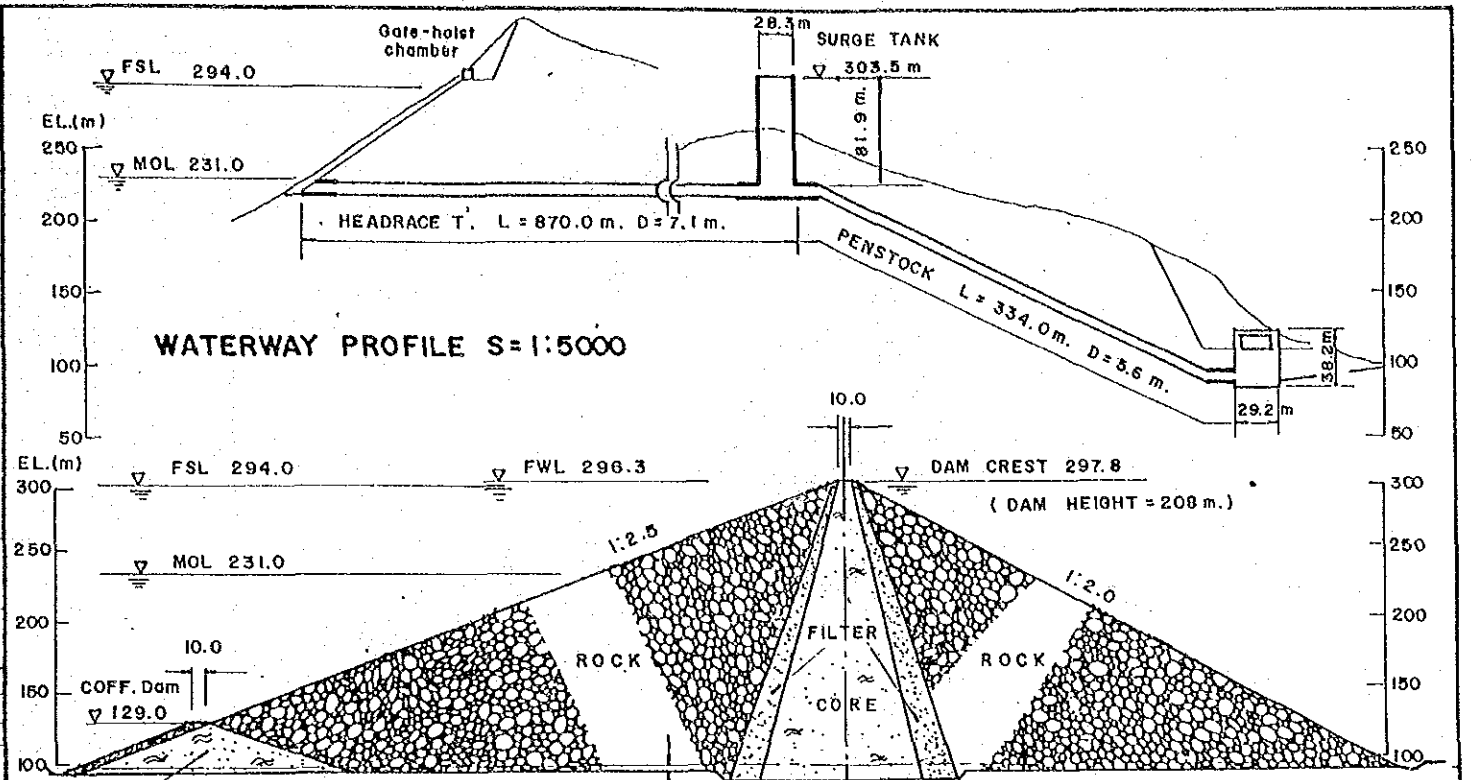
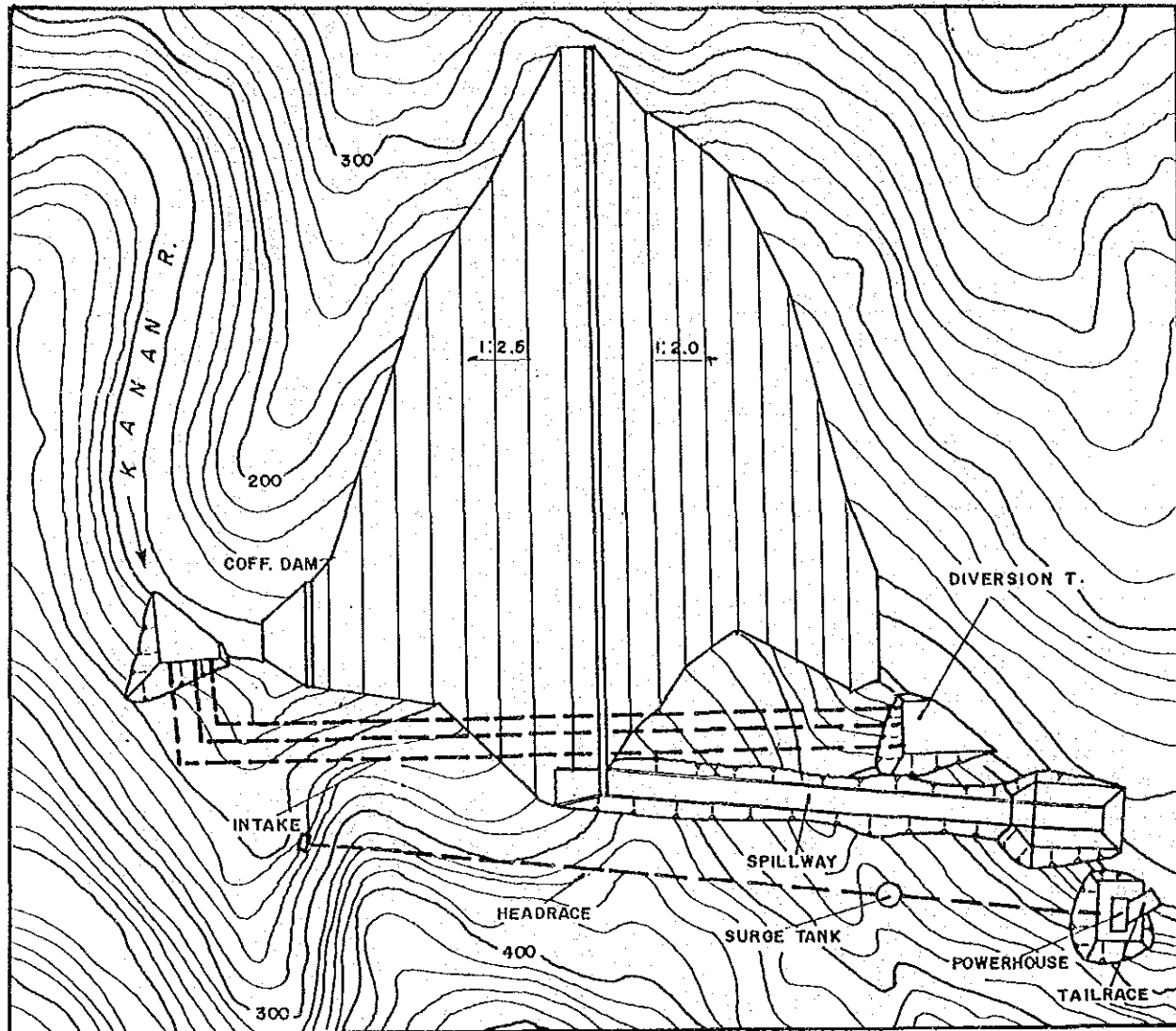


SCALE 0 1 2 3 km.
1:60,000 m.

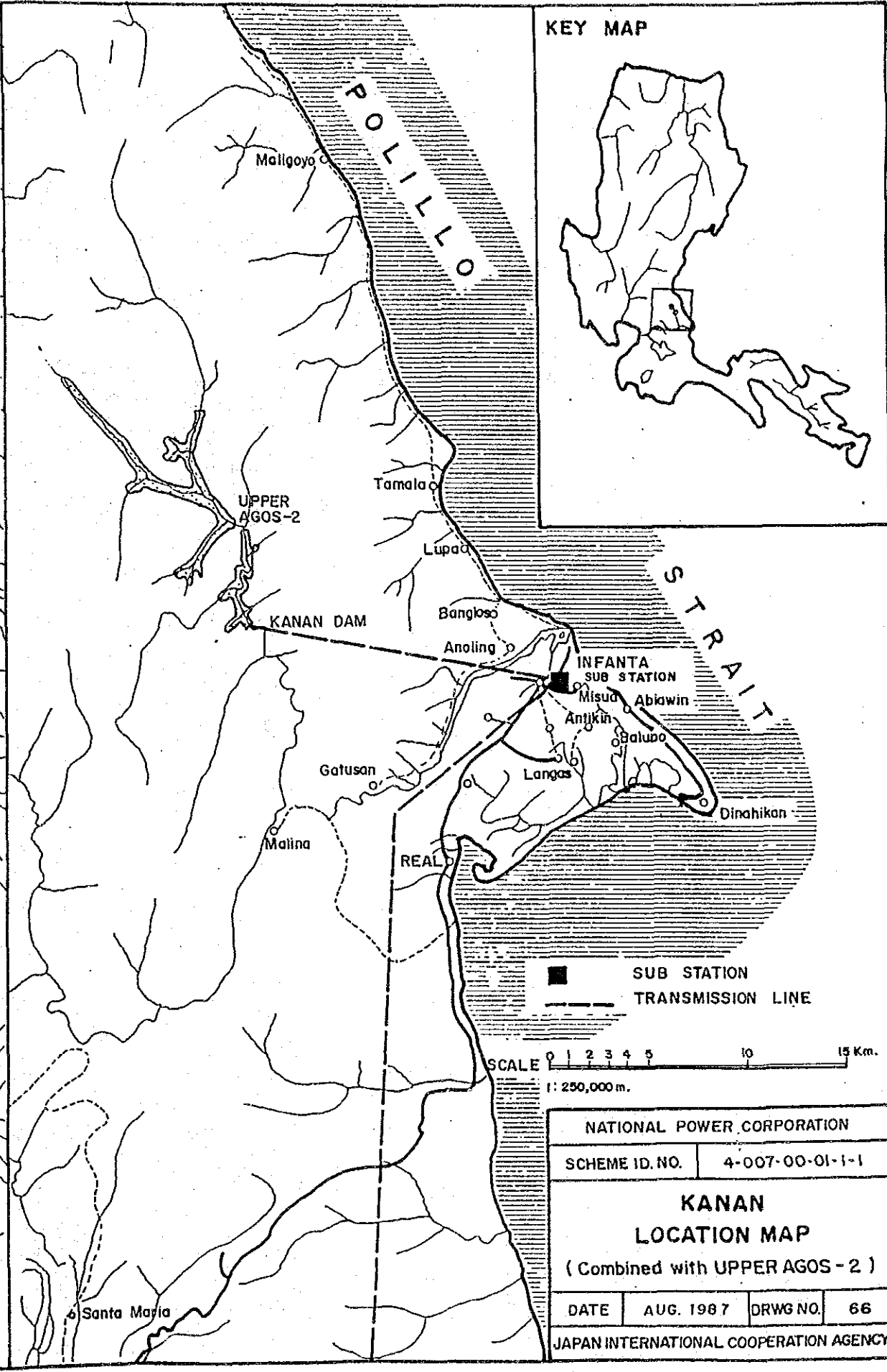
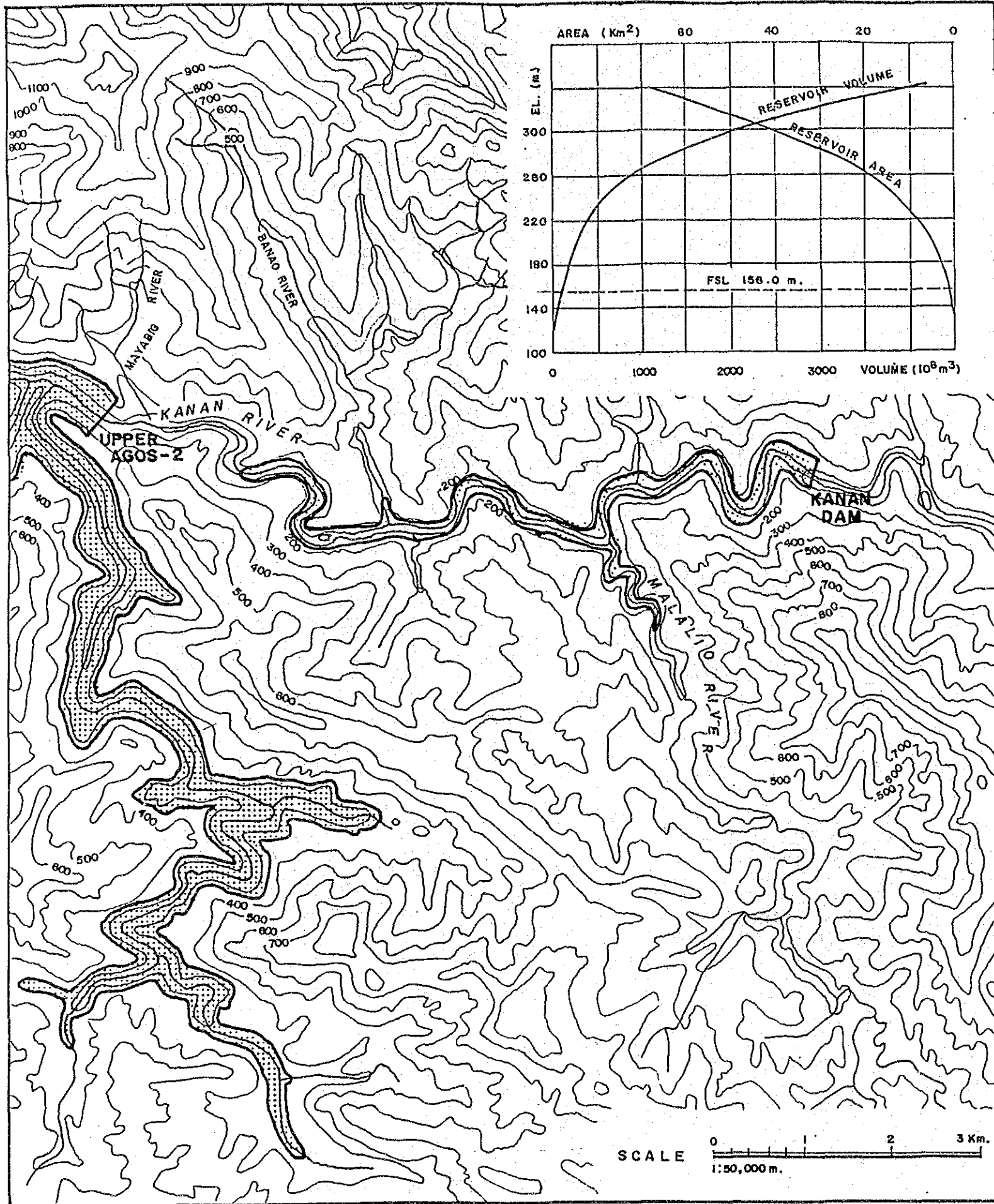


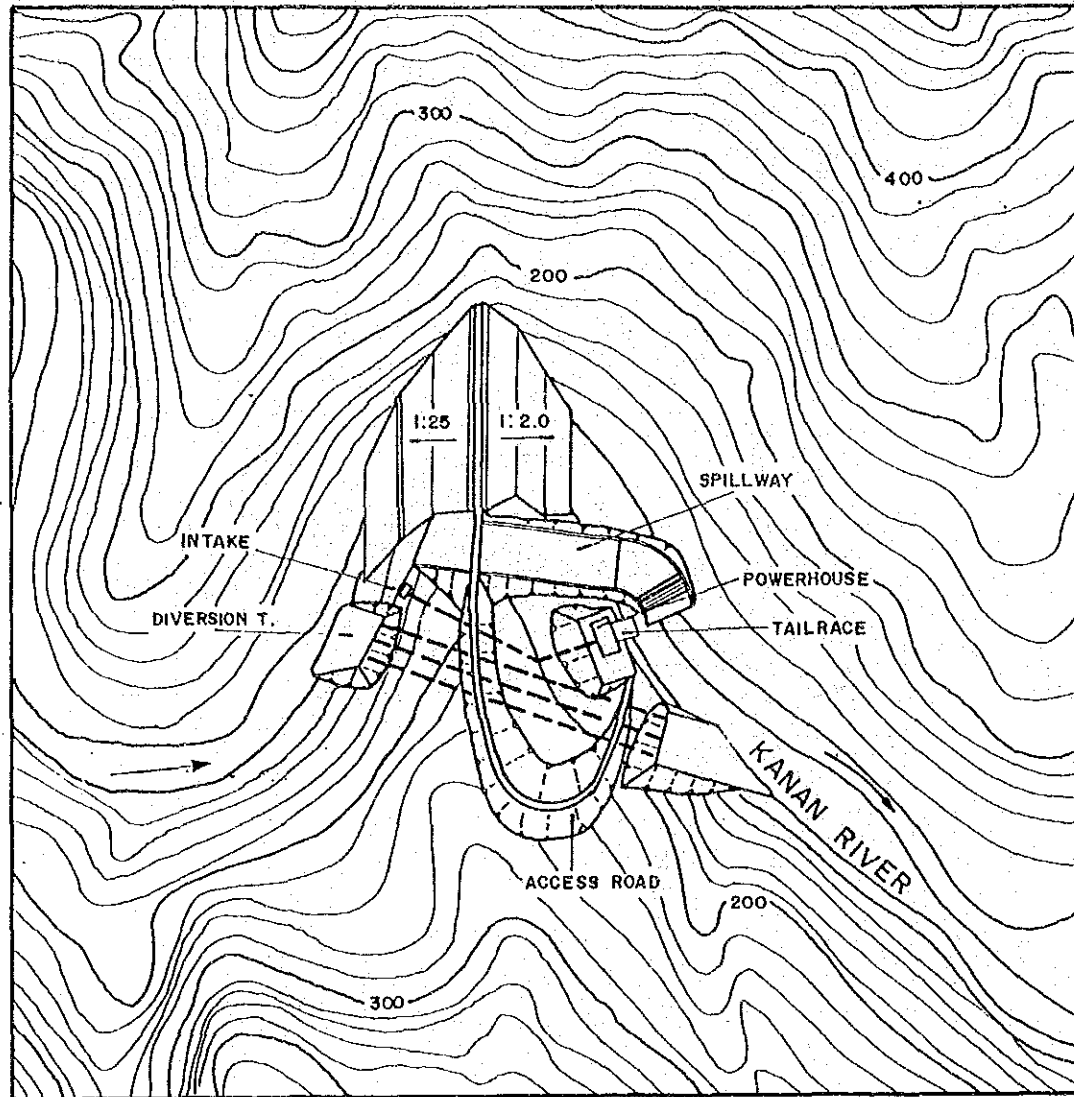


NATIONAL POWER CORPORATION			
SCHEME ID. NO.	4-007-00-01-0-1		
KANAN LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	64
JAPAN INTERNATIONAL COOPERATION AGENCY			

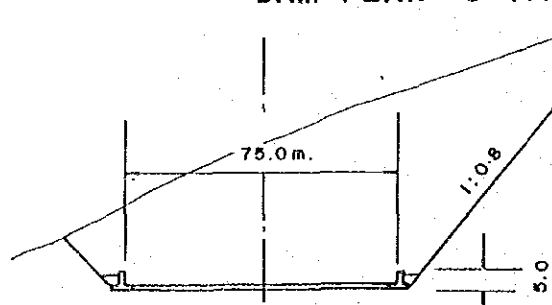


NATIONAL POWER CORPORATION	
SCHEME ID. NO.	4-007-00-01-D-1
KANAN GENERAL LAYOUT	
DATE	AUG. 1987
DRWG. NO.	65
JAPAN INTERNATIONAL COOPERATION AGENCY	

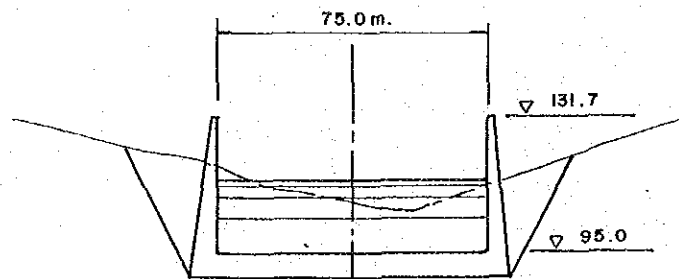




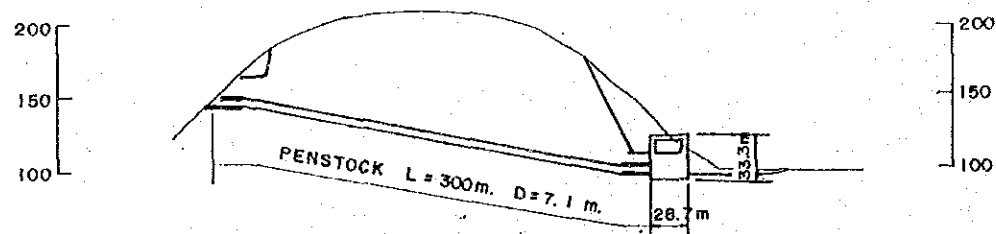
DAM PLAN S=1:10,000



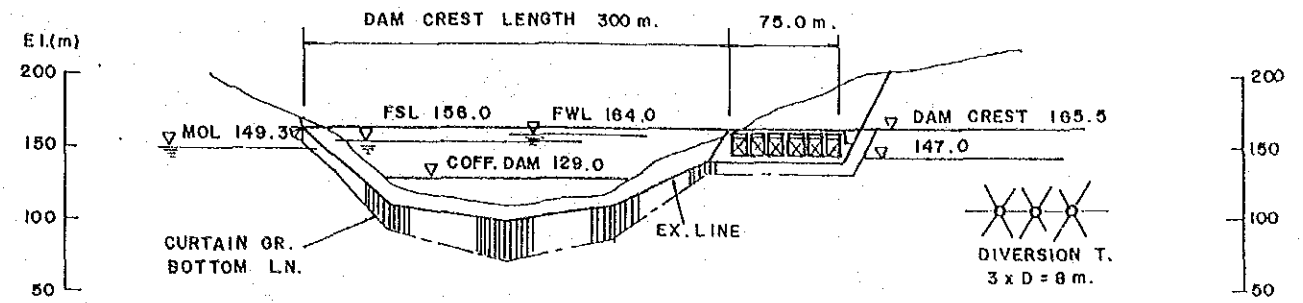
S/W CHUTEWAY SECTION
S=1:2000



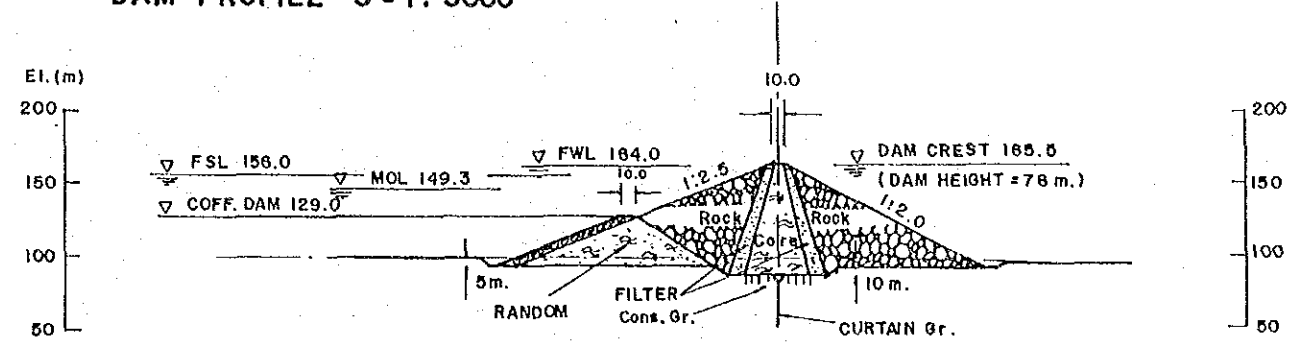
S/W STILLING BASIN SECTION
S=1:2000



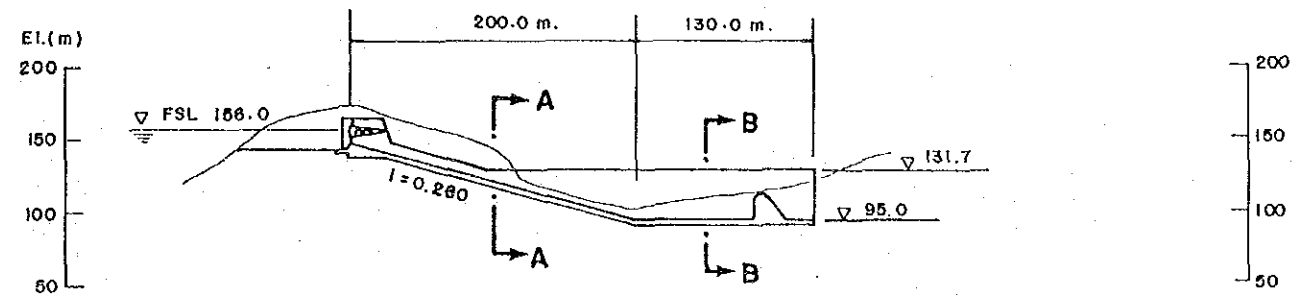
WATERWAY PROFILE S=1:5000



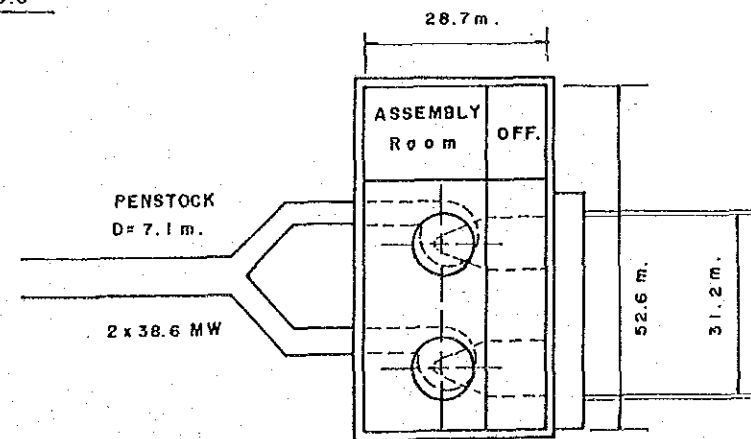
DAM PROFILE S=1:5000



DAM SECTION S=1:5000



SPILLWAY PROFILE S=1:5000



POWERHOUSE PLAN S=1:1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	4-007-00-01-1-1		
KANAN			
GENERAL LAYOUT			
Combined with UPPER AGOS-2			
DATE	AUG. 1987	DRWG. NO.	67
JAPAN INTERNATIONAL COOPERATION AGENCY			