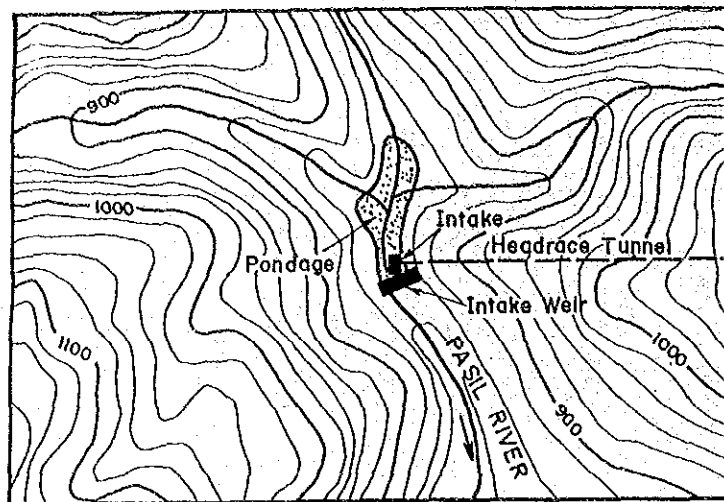
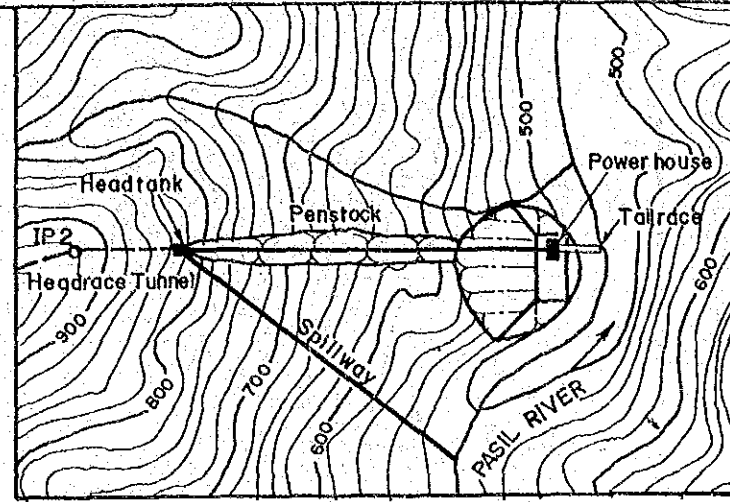


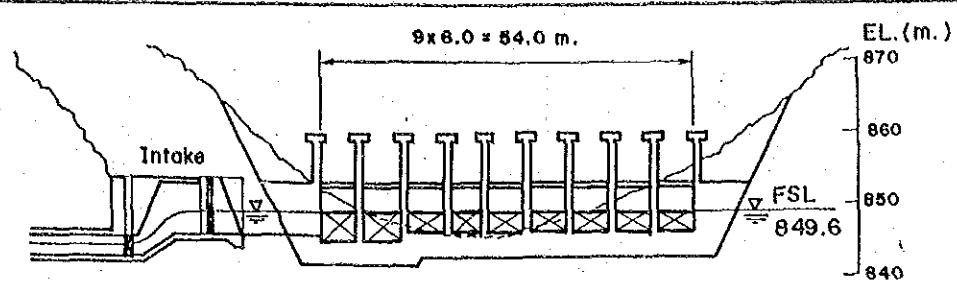
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-06-22-0-2	
<b>PASIL LOCATION MAP</b>			
DATE	AUG. 1987	DRWG. NO.	46
JAPAN INTERNATIONAL COOPERATION AGENCY			



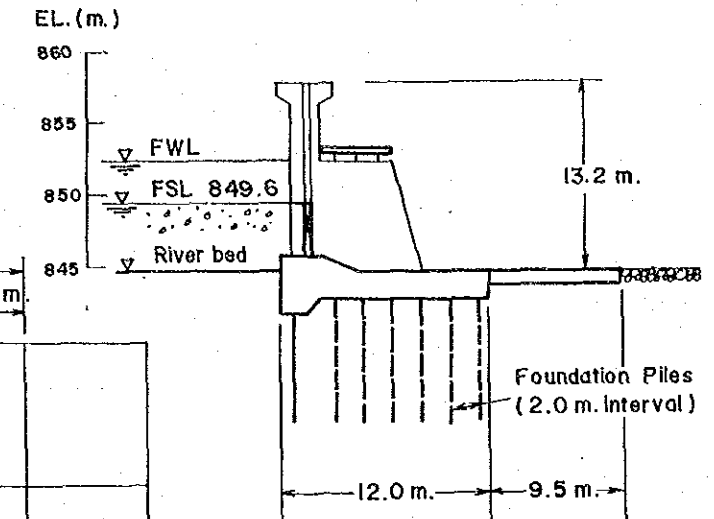
**INTAKE PLAN**  
S = 1:10,000



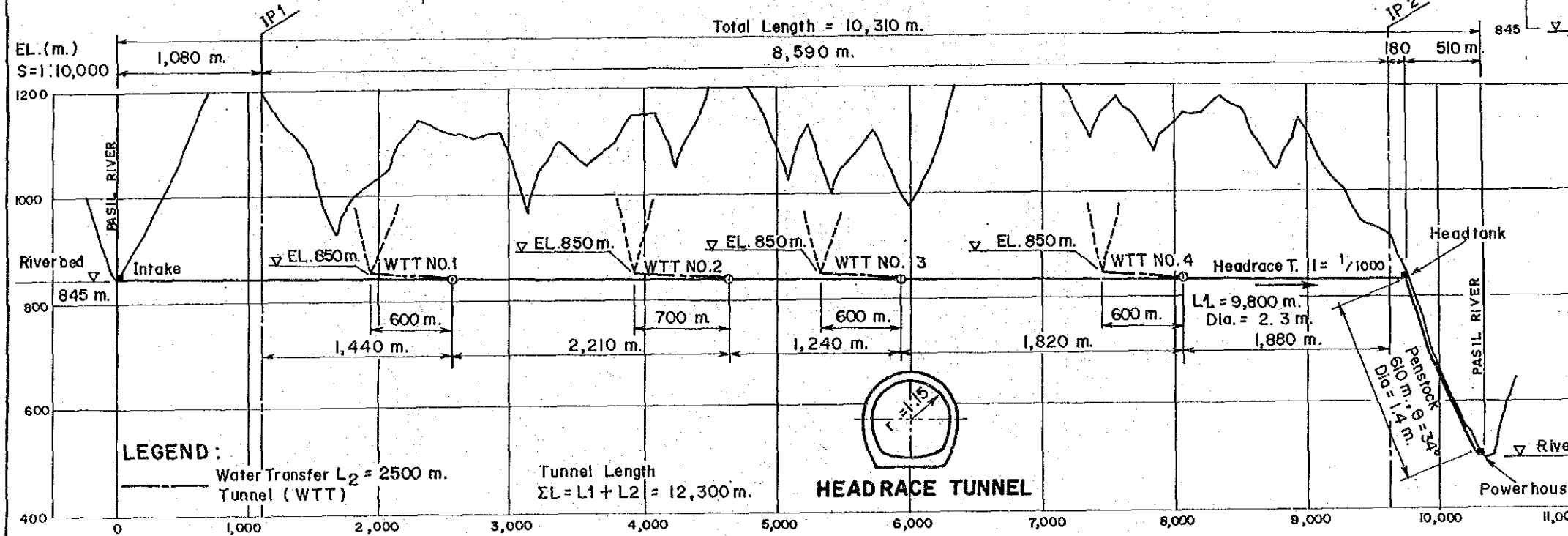
**POWER HOUSE PLAN**  
S = 1:10,000



**WEIR & INTAKE S = 1:1000**



**INTAKE WEIR SECTION**  
S = 1:500



**WATERWAY PROFILE**

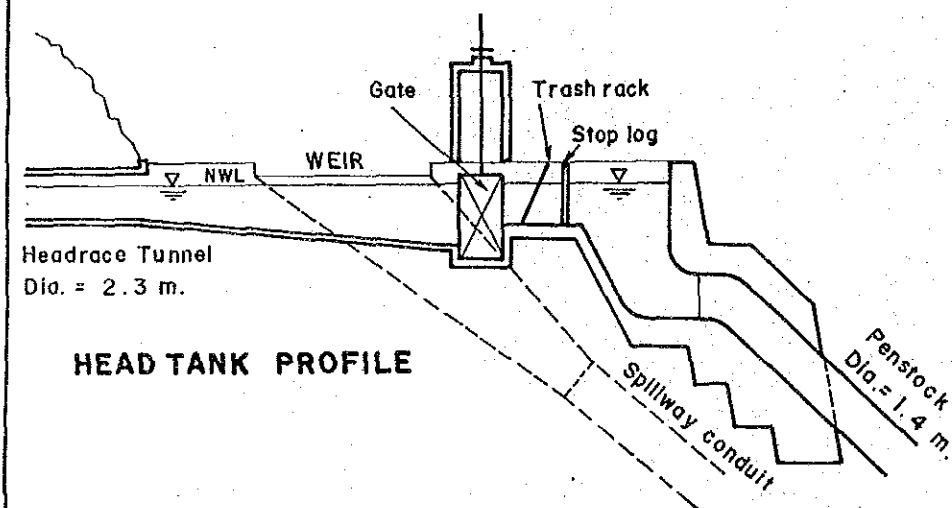
**LEGEND:**

Water Transfer L<sub>2</sub> = 2500 m.  
Tunnel (WTT)

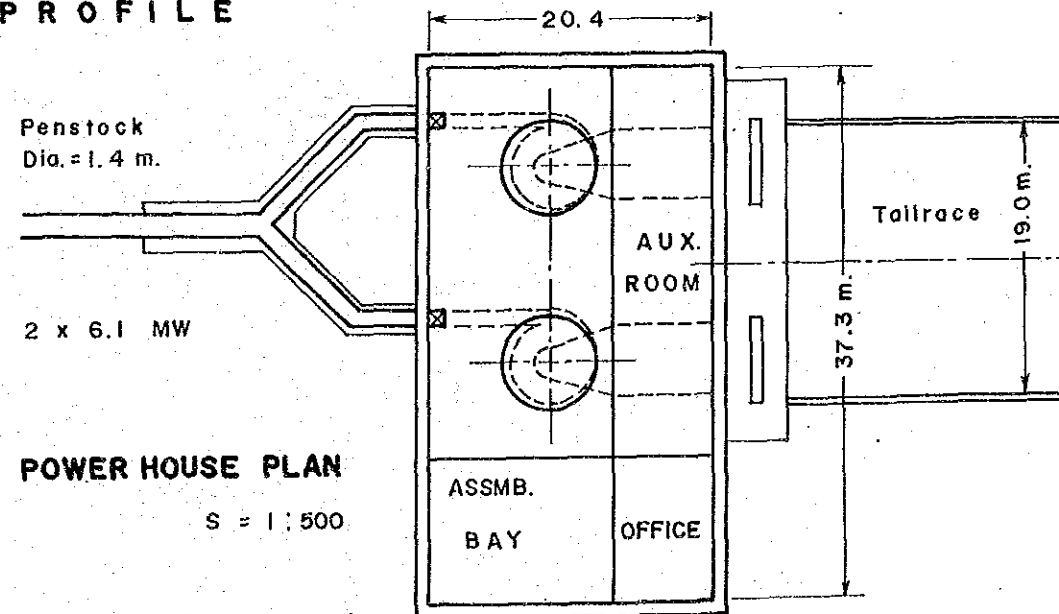
Tunnel Length  
ΣL = L<sub>1</sub> + L<sub>2</sub> = 12,300 m.

**HEADRACE TUNNEL**

Distance : m.  
S = 1:40,000

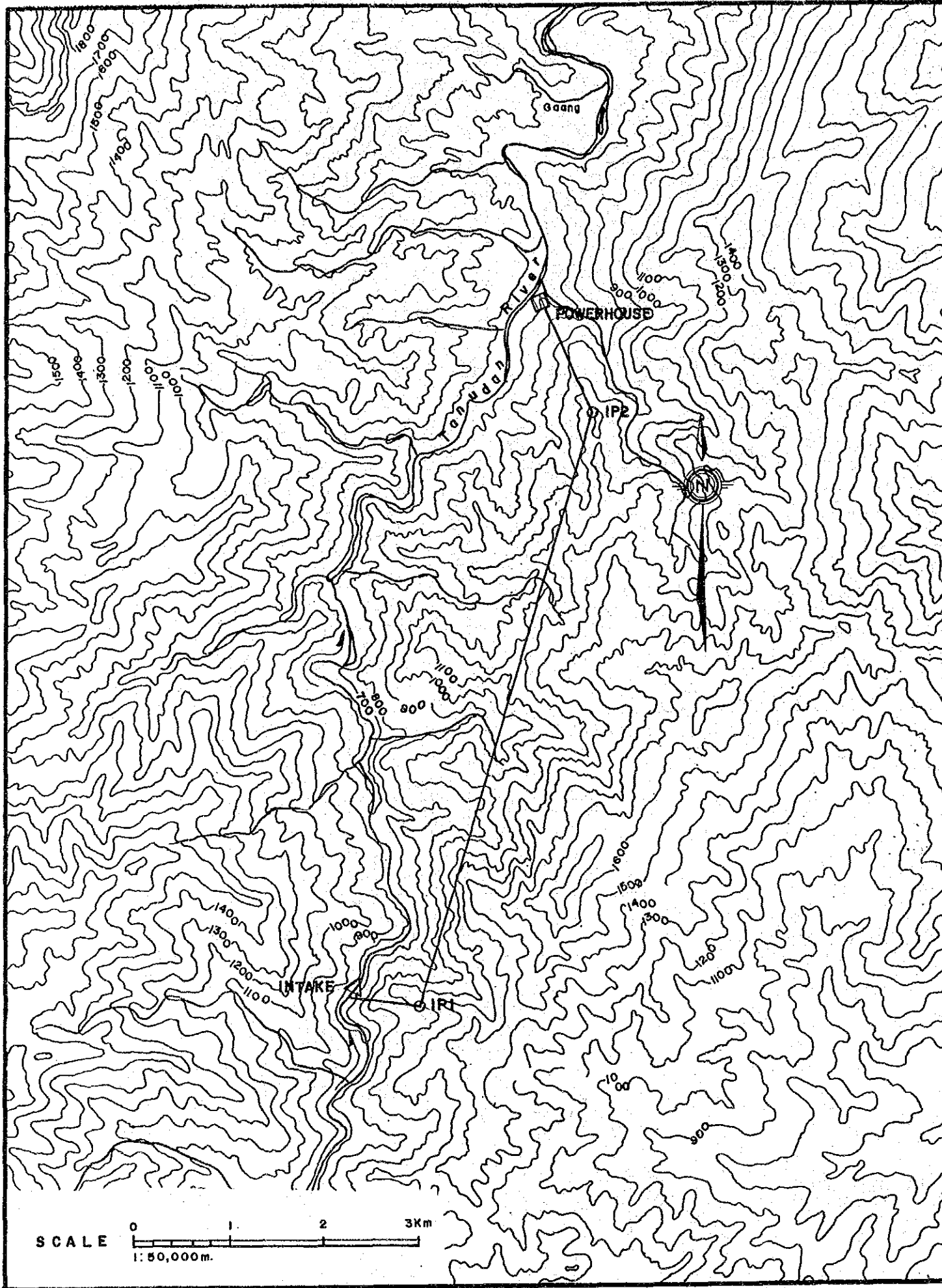


**HEAD TANK PROFILE**

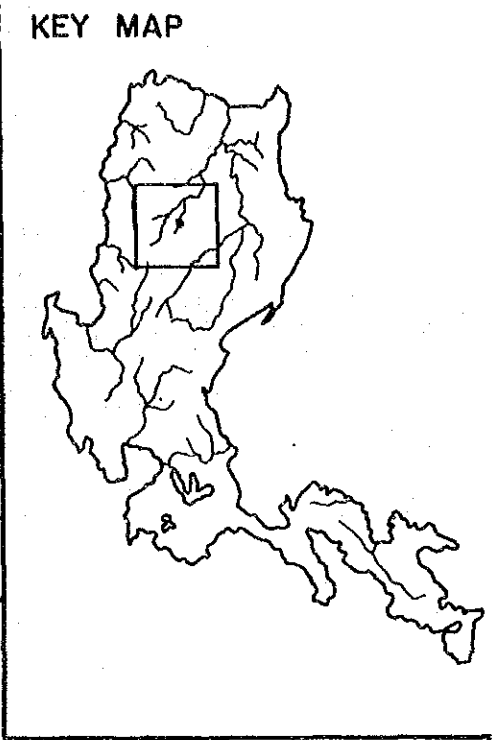
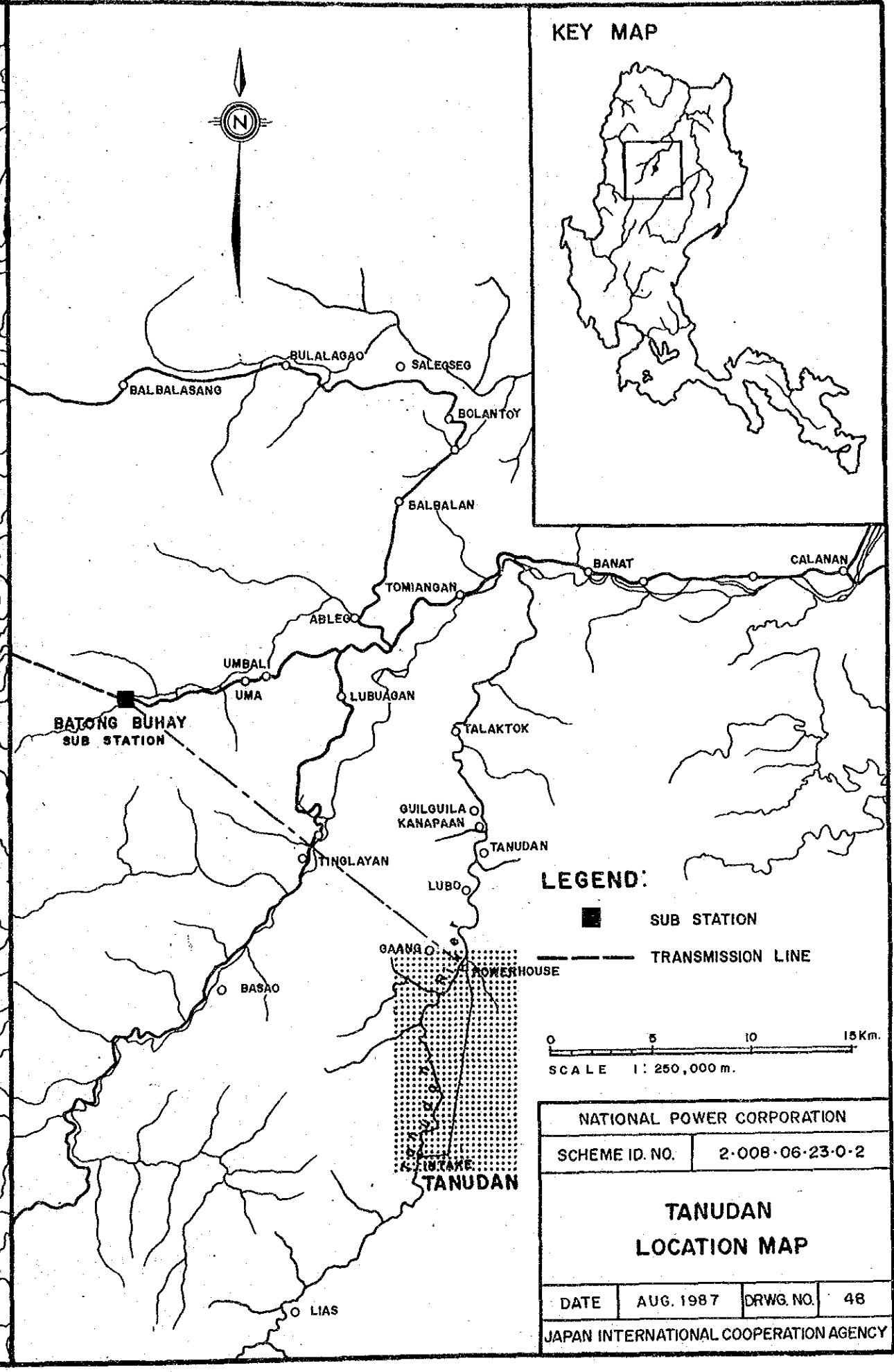


**POWER HOUSE PLAN**  
S = 1:500

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



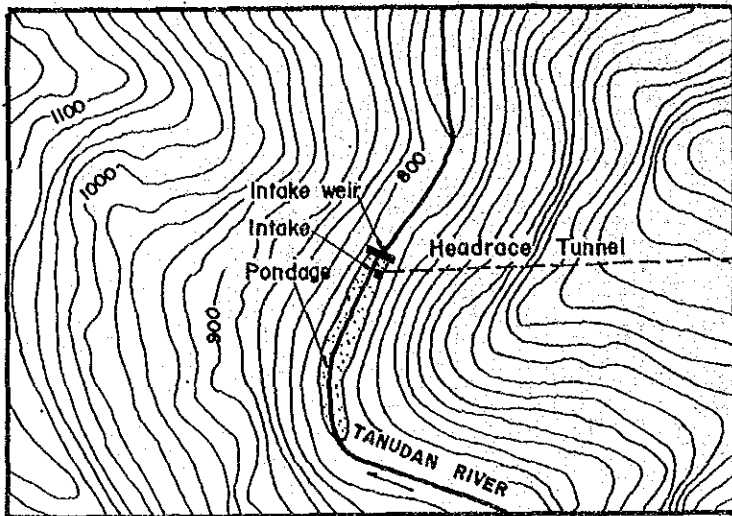
SCALE 0 1 2 3Km  
1:50,000m.



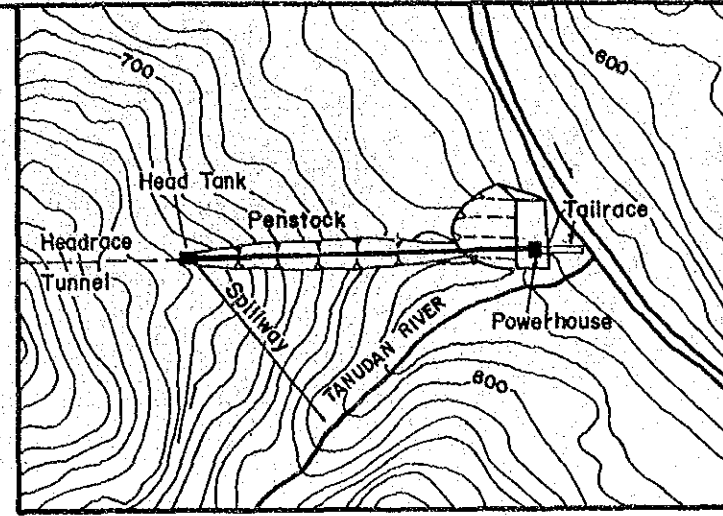
**LEGEND:**  
 ■ SUB STATION  
 --- TRANSMISSION LINE

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

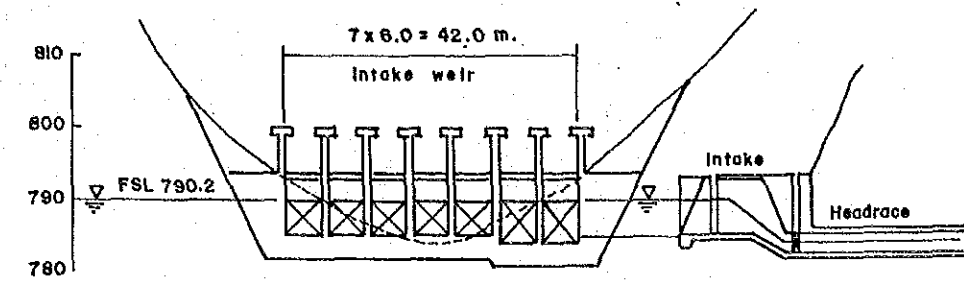
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-06-23-0-2	
<b>TANUDAN LOCATION MAP</b>			
DATE	AUG. 1987	DRWG. NO.	48
JAPAN INTERNATIONAL COOPERATION AGENCY			



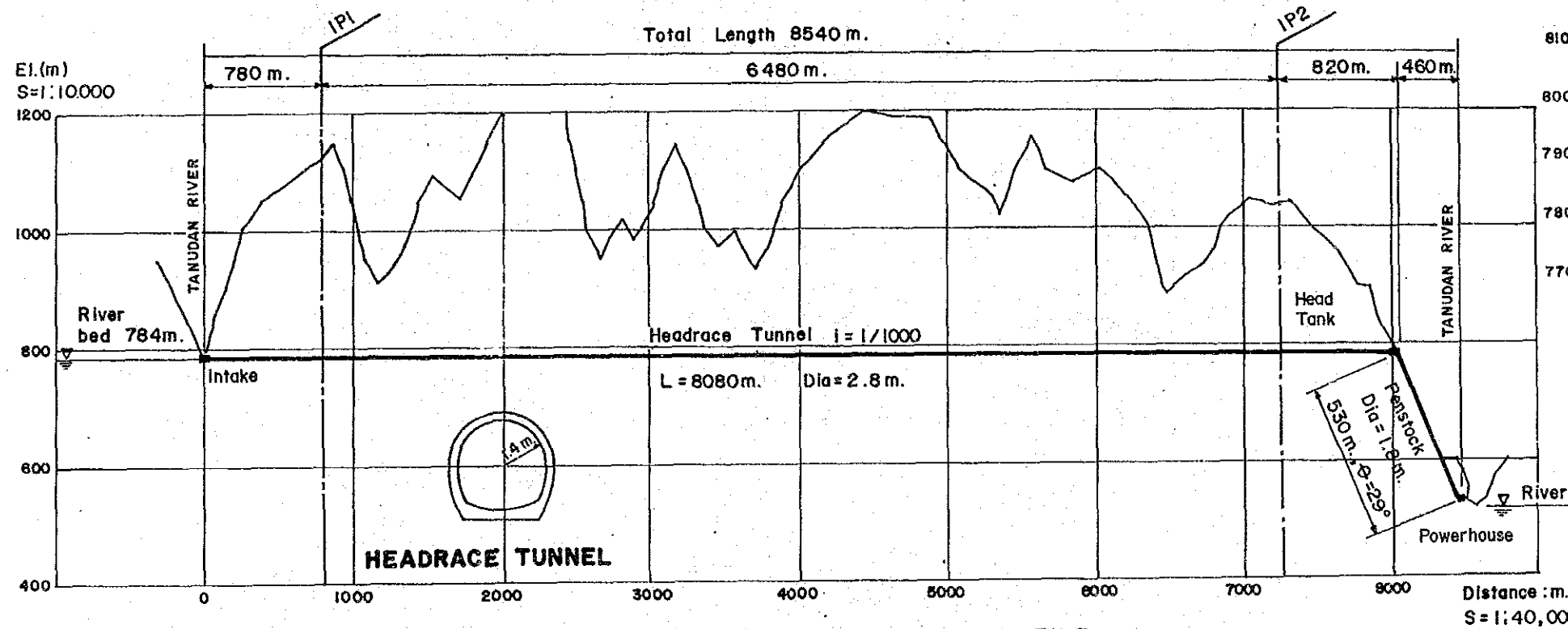
**INTAKE PLAN S=1:10,000**



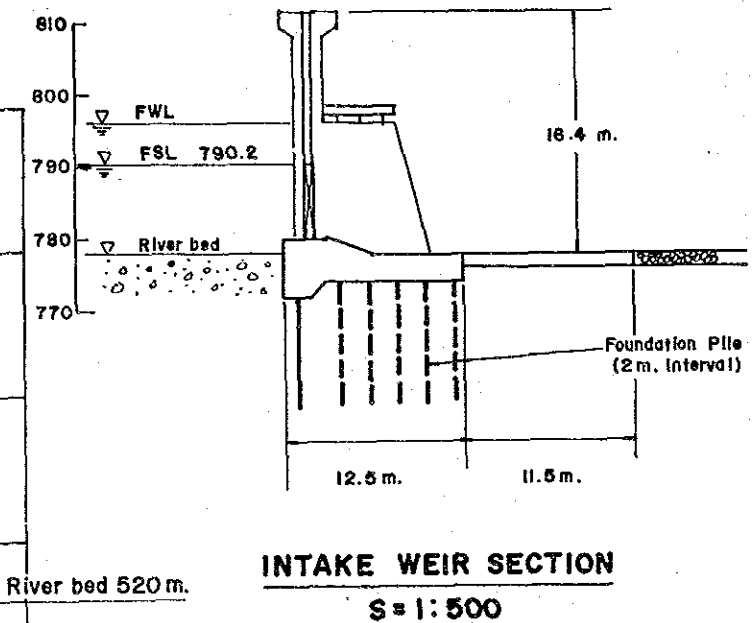
**POWERHOUSE PLAN S=10,000**



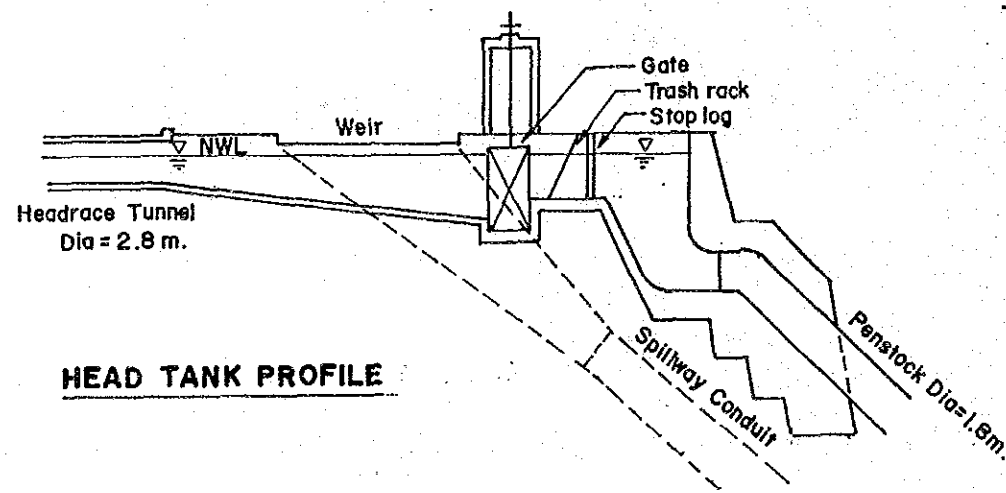
**WEIR and INTAKE S=1:1000**



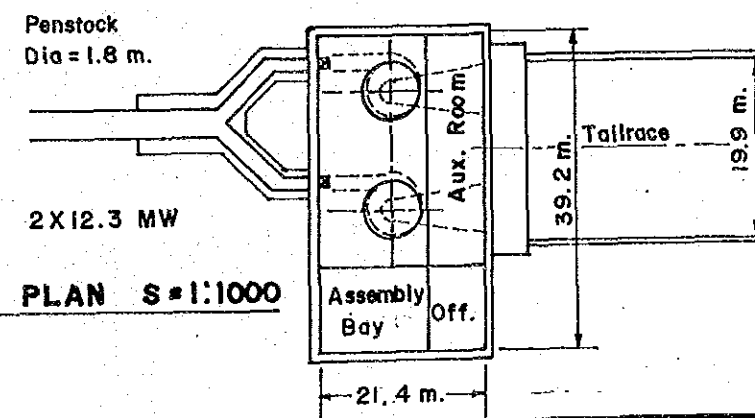
**WATERWAY PROFILE**



**INTAKE WEIR SECTION S=1:500**

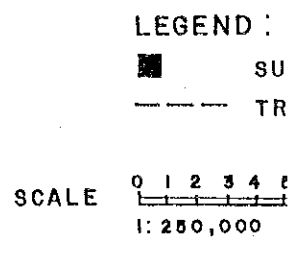
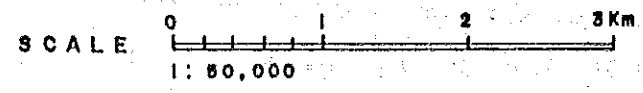
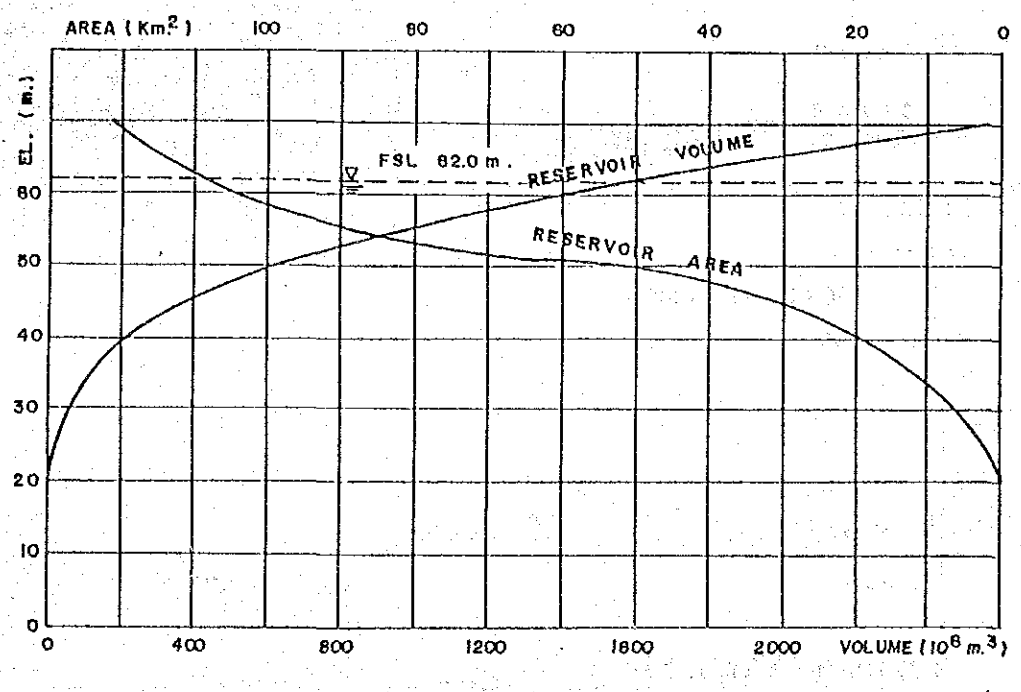
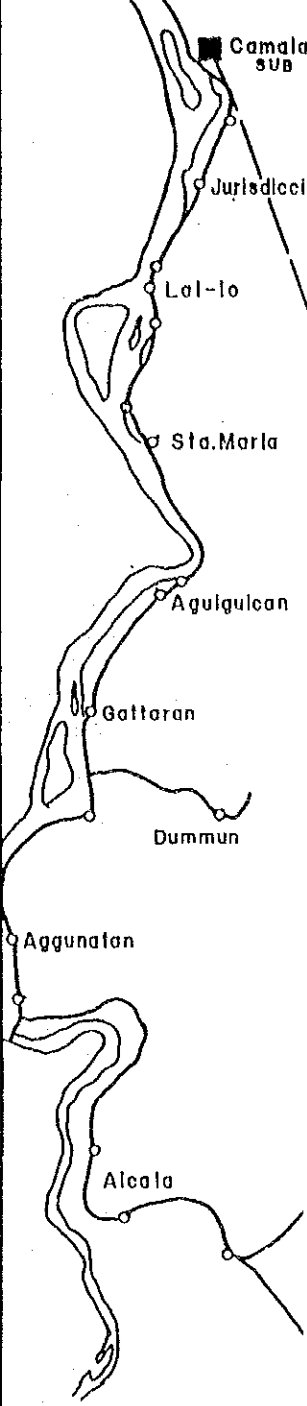
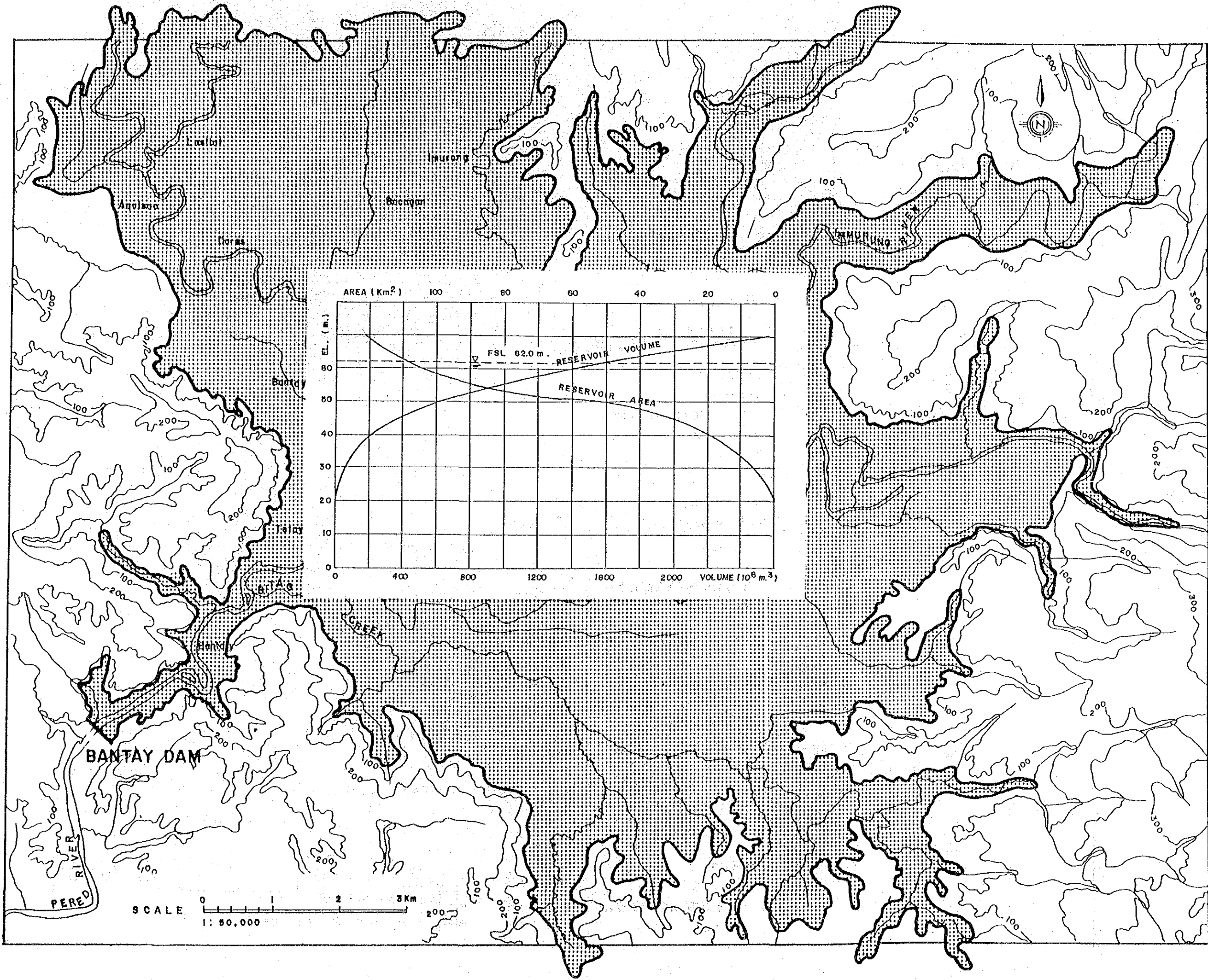


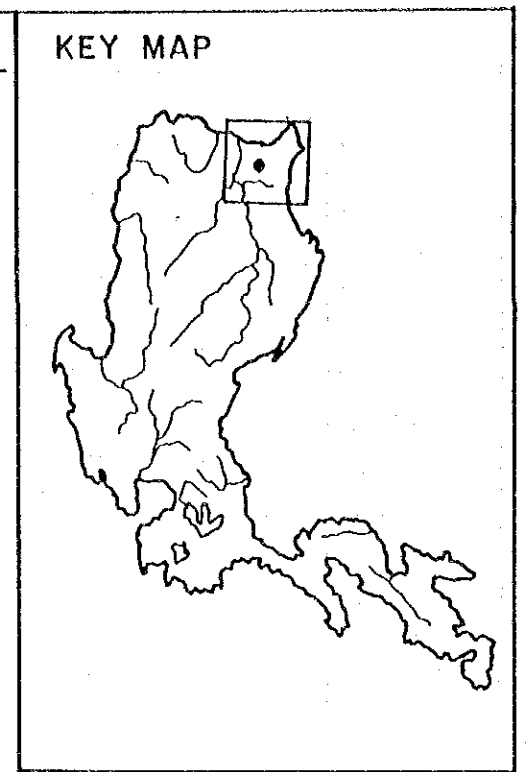
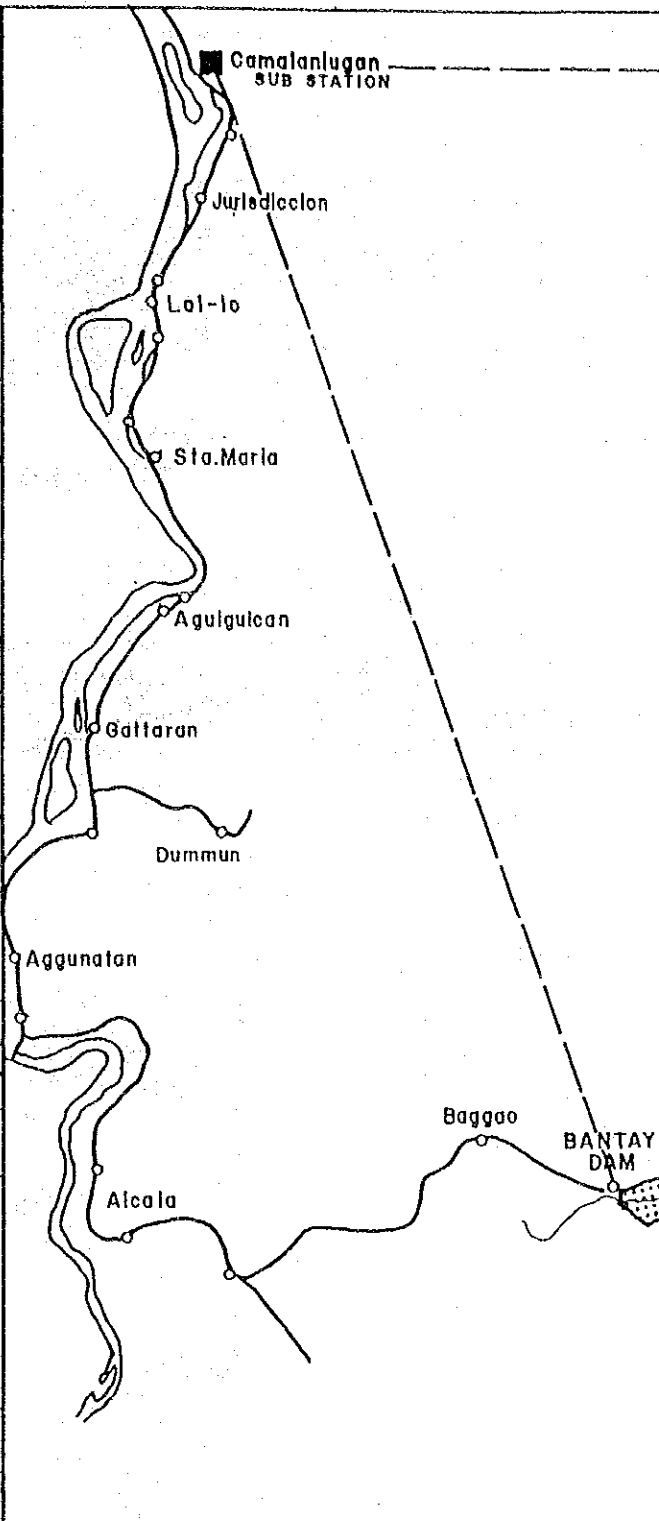
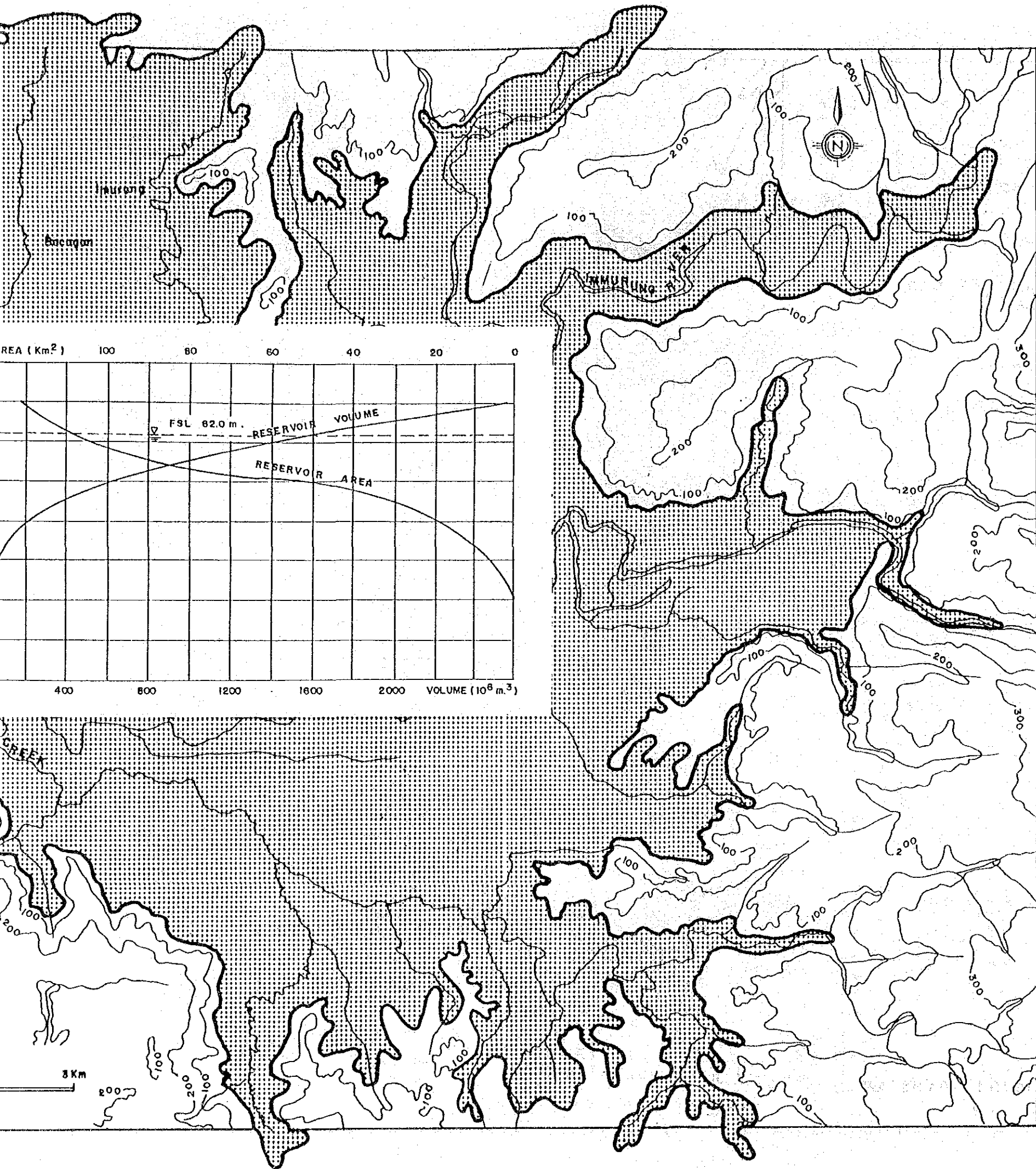
**HEAD TANK PROFILE**



**POWERHOUSE PLAN S=1:1000**

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

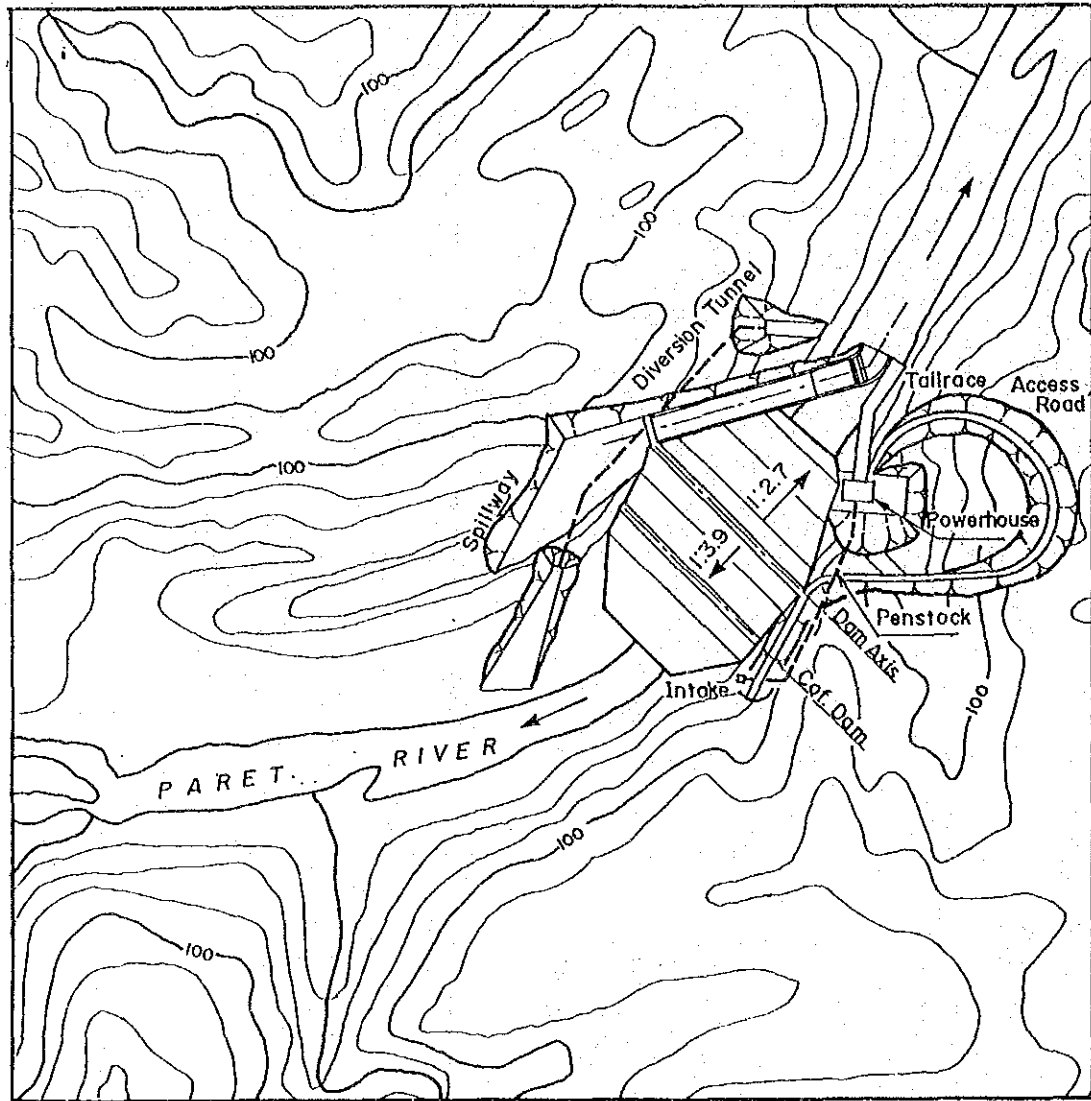




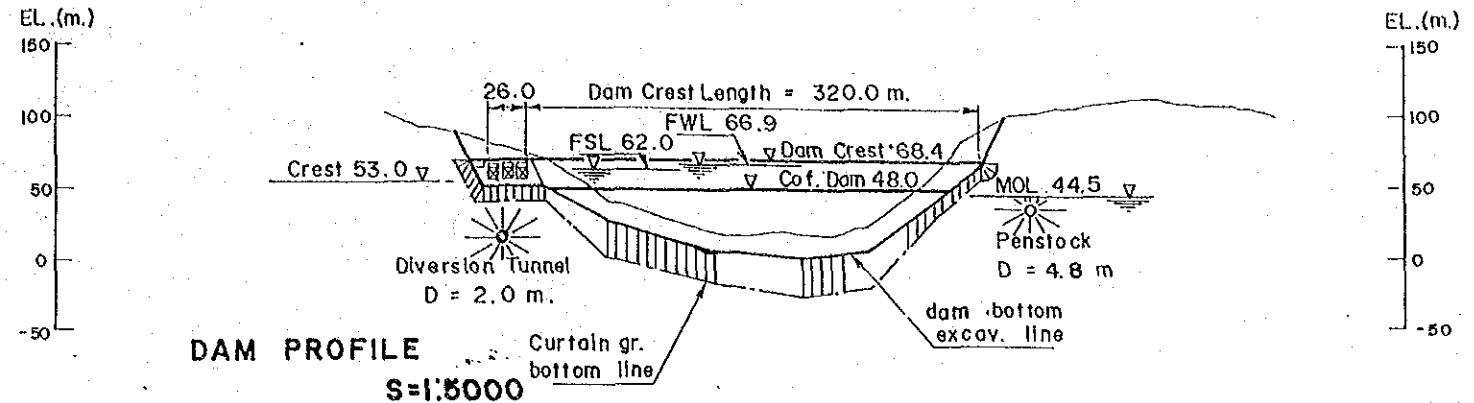
LEGEND:  
 ■ SUB STATION  
 --- TRANSMISSION LINE

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

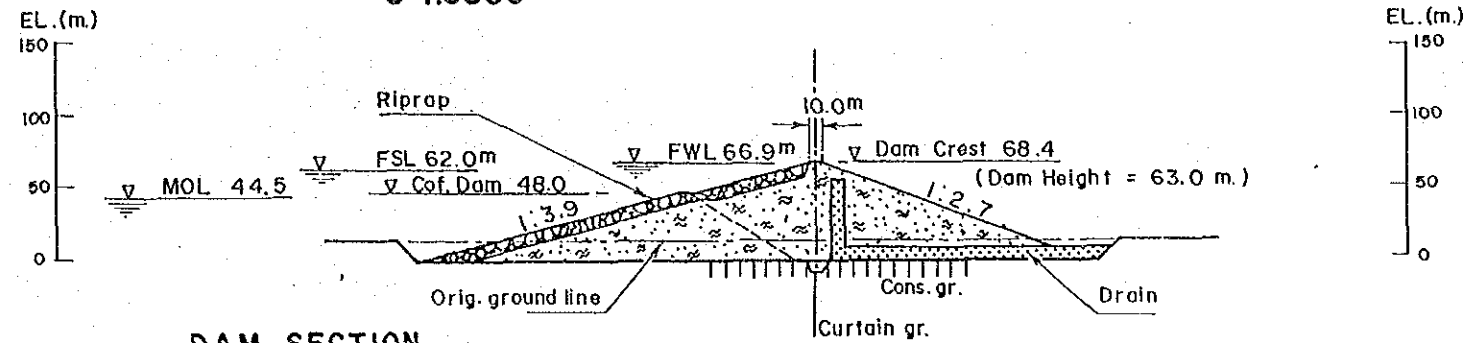
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		2-008-07-24-0-1	
<b>BANTAY LOCATION MAP</b>			
DATE	AUG. 1987	DRWG. NO.	50
JAPAN INTERNATIONAL COOPERATION AGENCY			



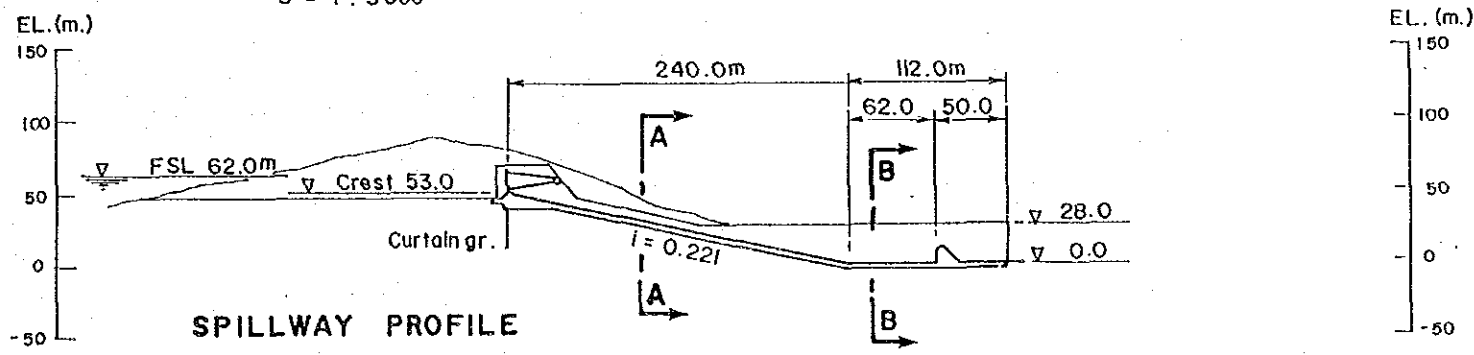
DAM PLAN S = 1 : 10,000



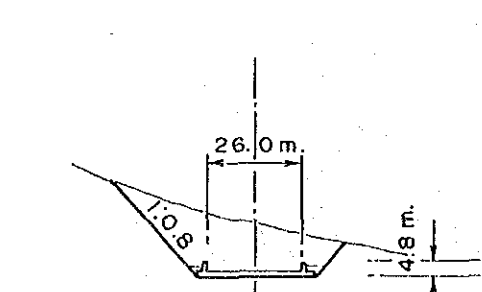
DAM PROFILE S=1:5000



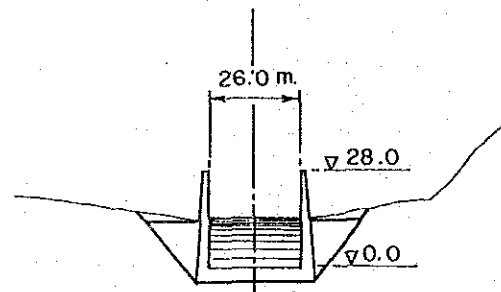
DAM SECTION S = 1 : 5000



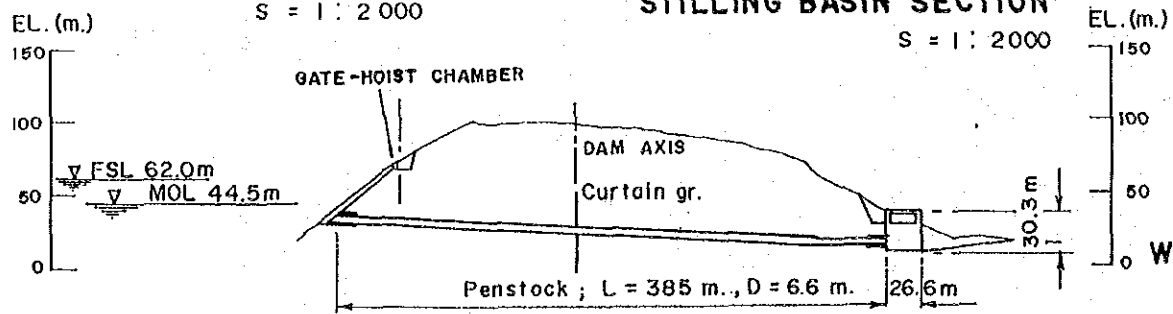
SPILLWAY PROFILE S = 1 : 5000



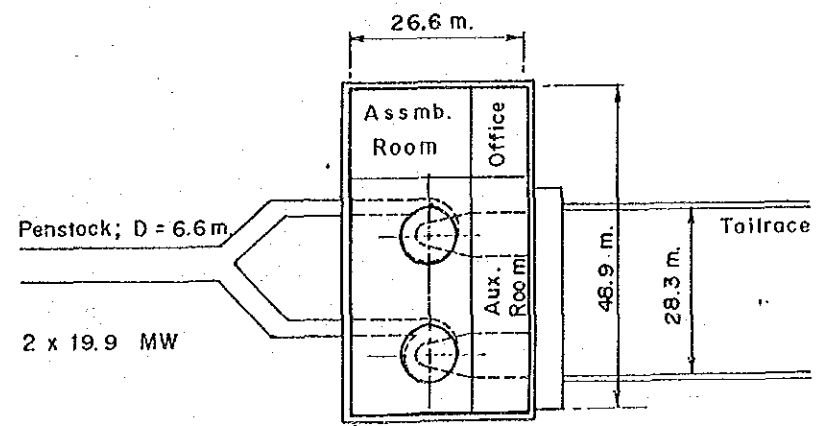
S/W CHUTEWAY SECTION S = 1 : 2000



STILLING BASIN SECTION S = 1 : 2000



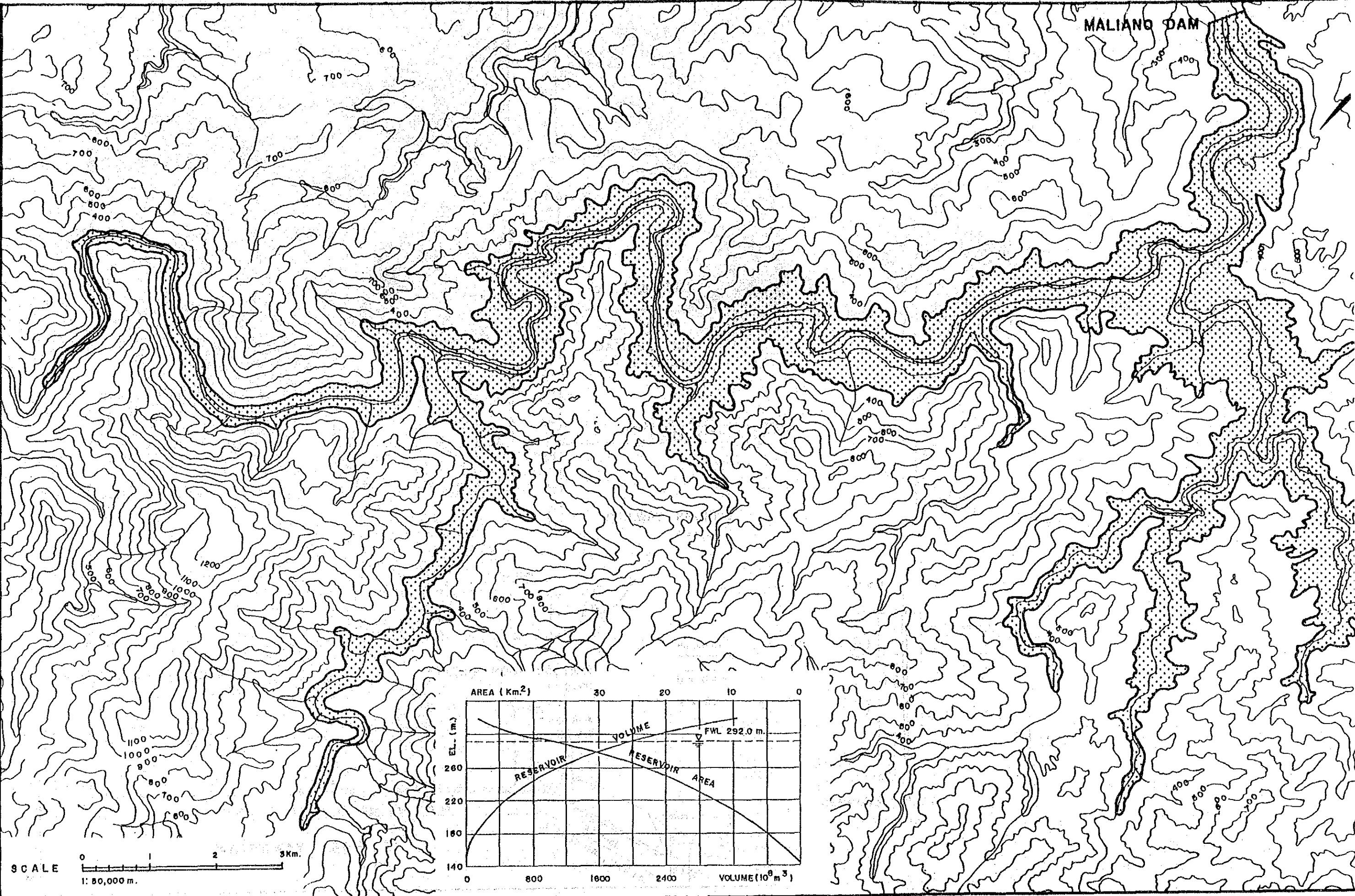
WATERWAY PROFILE S = 1 : 5000



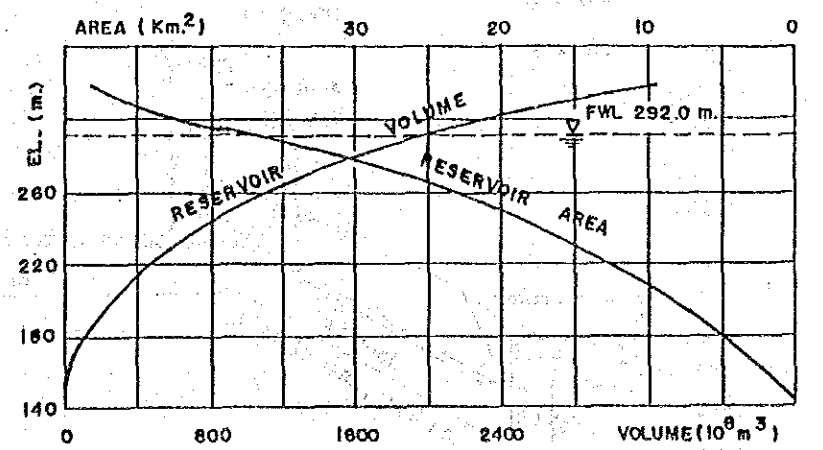
POWERHOUSE PLAN S = 1 : 1000

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

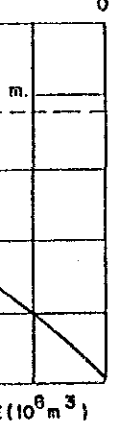
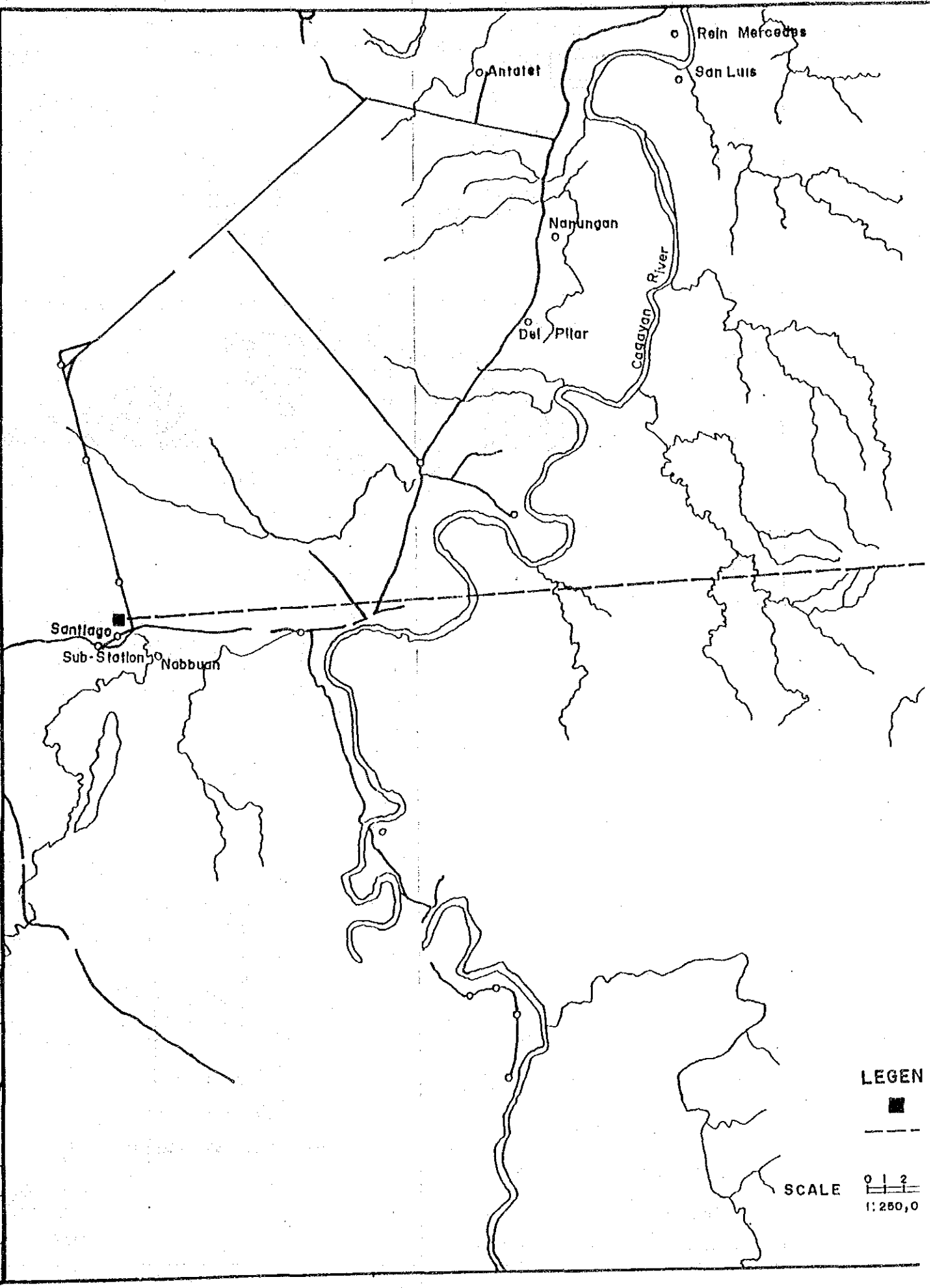
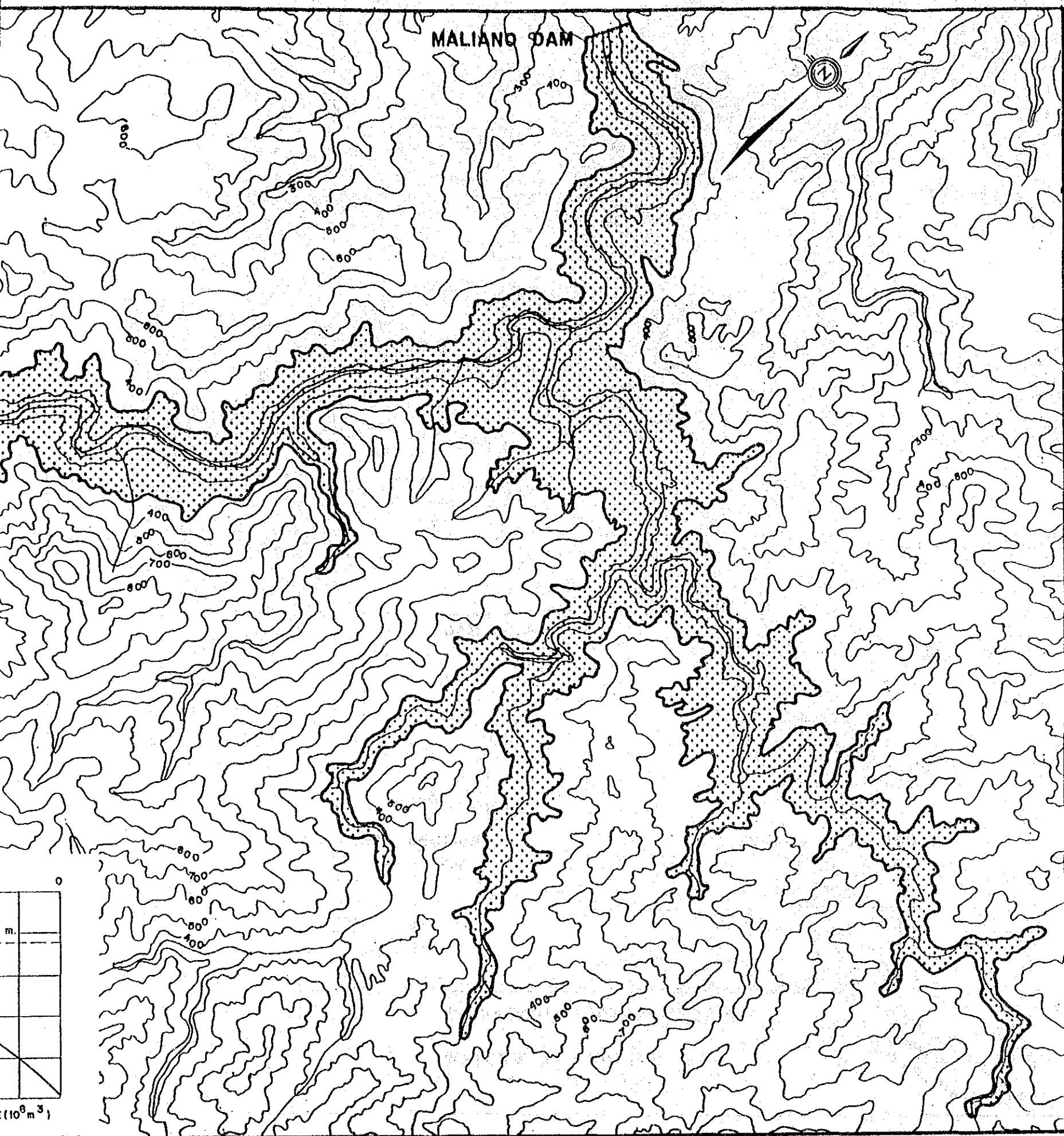
MALIANO DAM



SCALE  
1: 80,000 m.





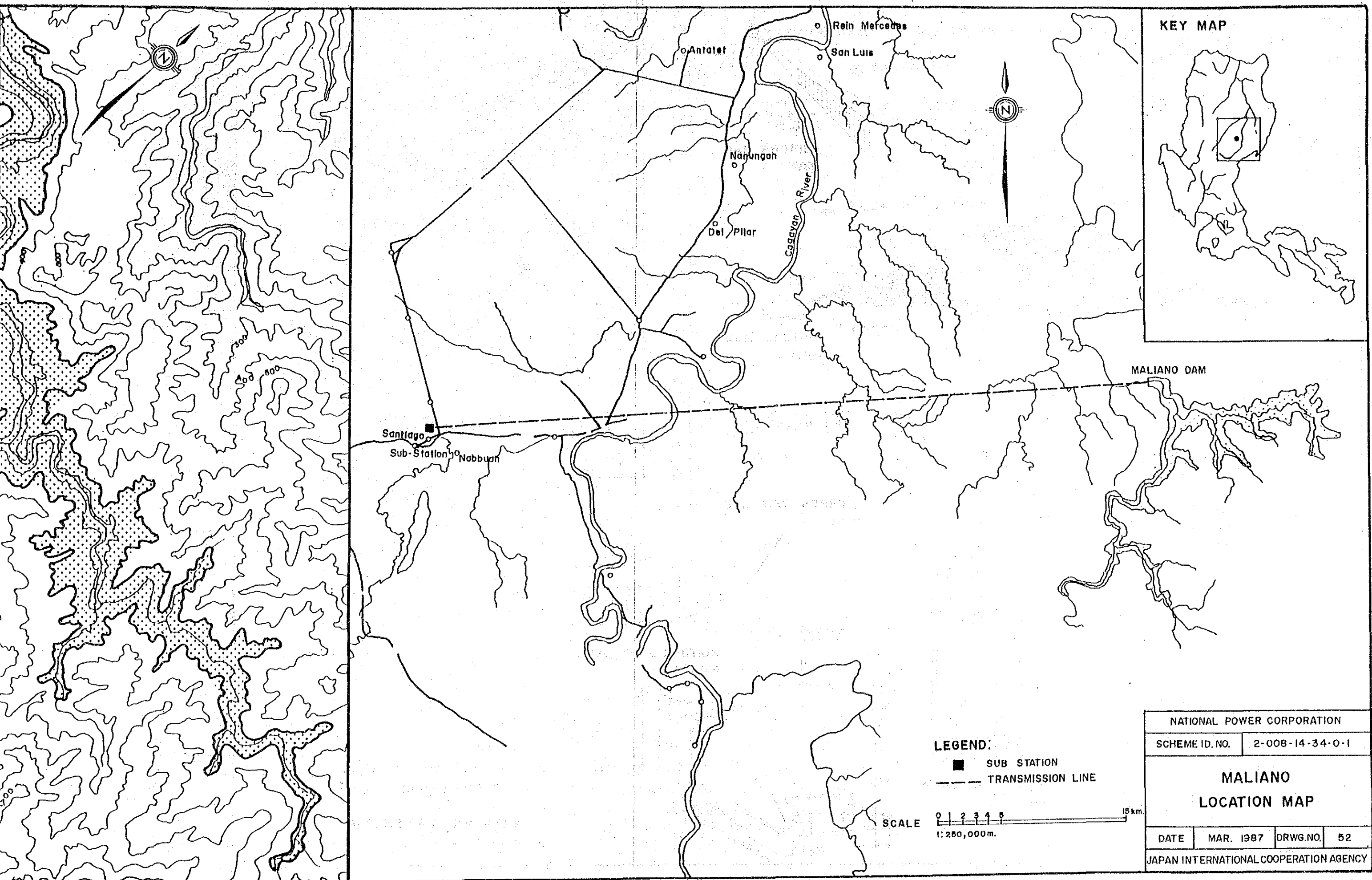


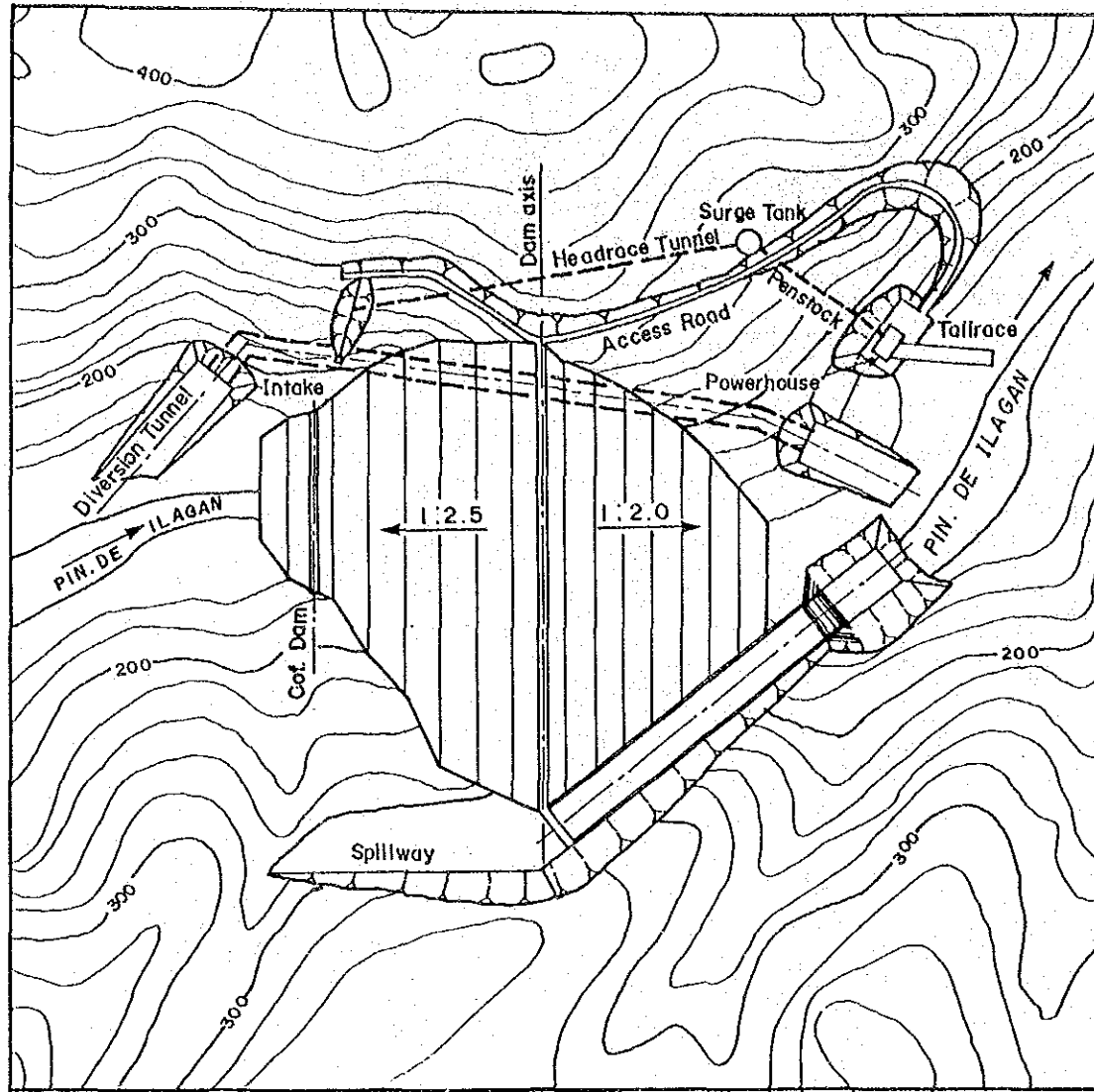
**LEGEN**

■

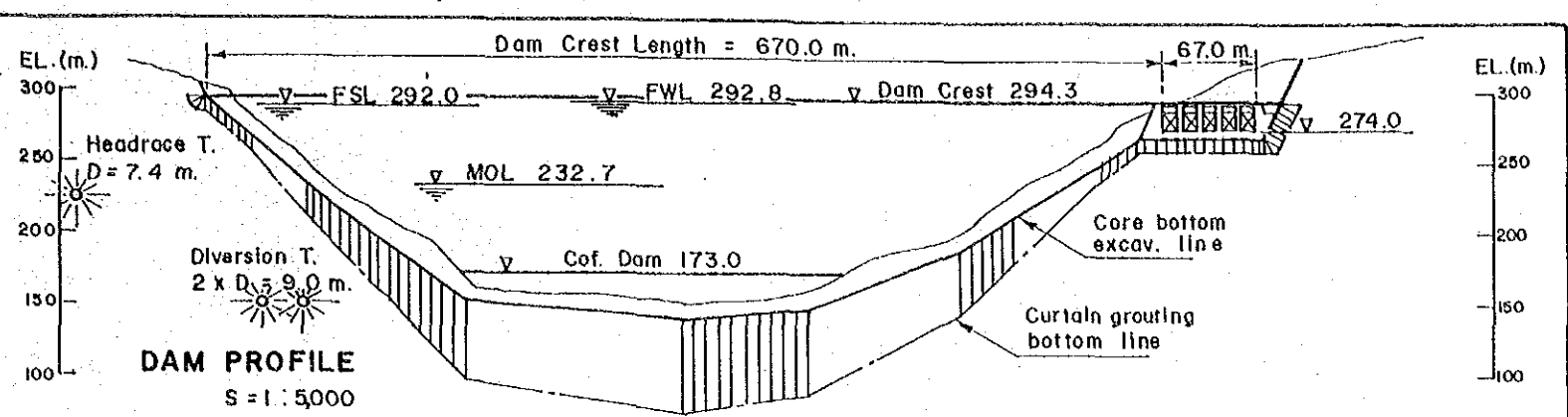
---

**SCALE** 0 1 2  
1: 250,0

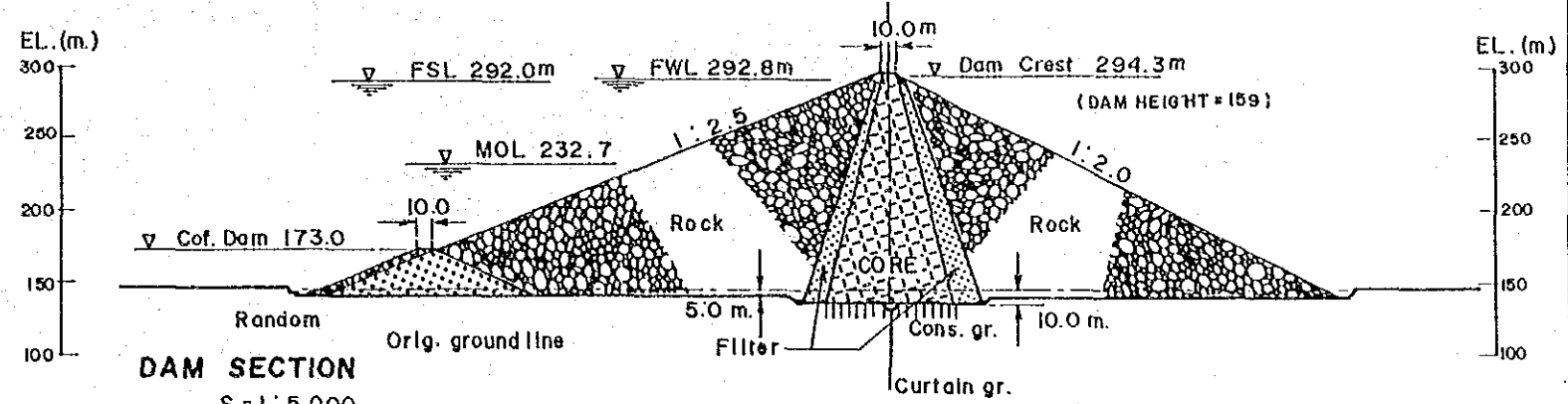




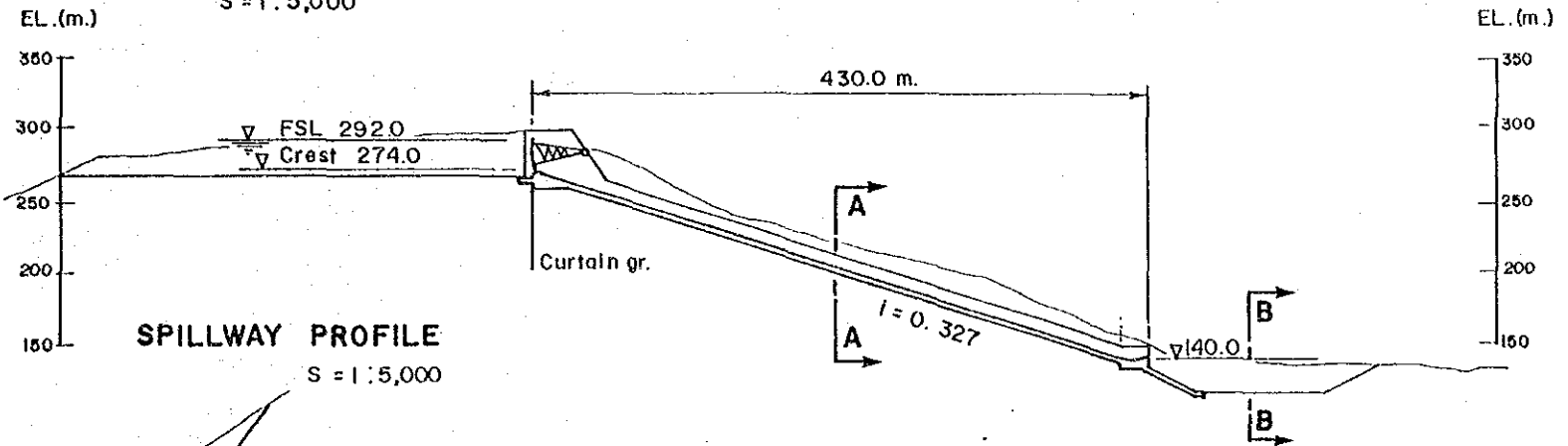
DAM PLAN S = 1 : 10,000



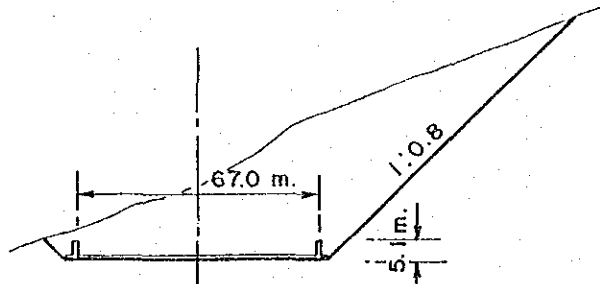
DAM PROFILE S = 1 : 5,000



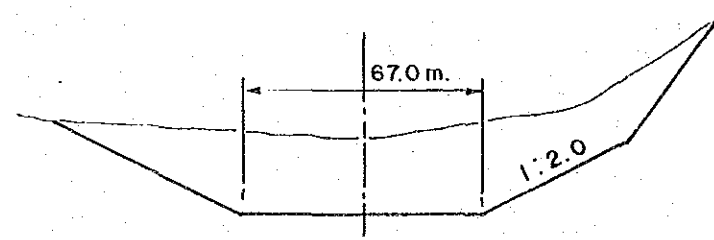
DAM SECTION S = 1 : 5,000



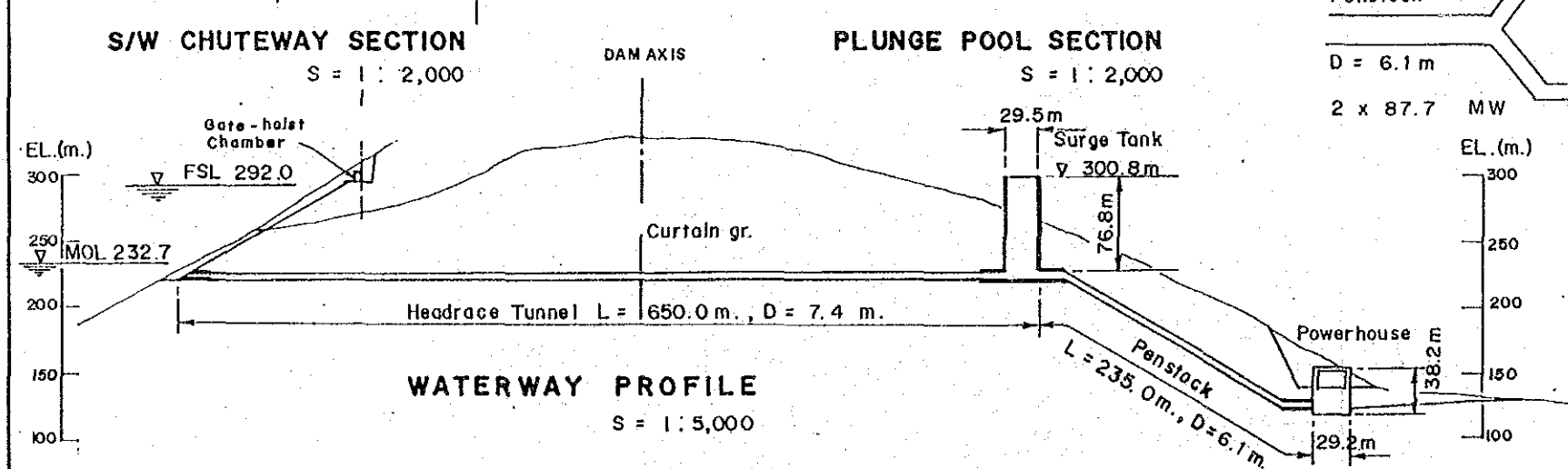
SPILLWAY PROFILE S = 1 : 5,000



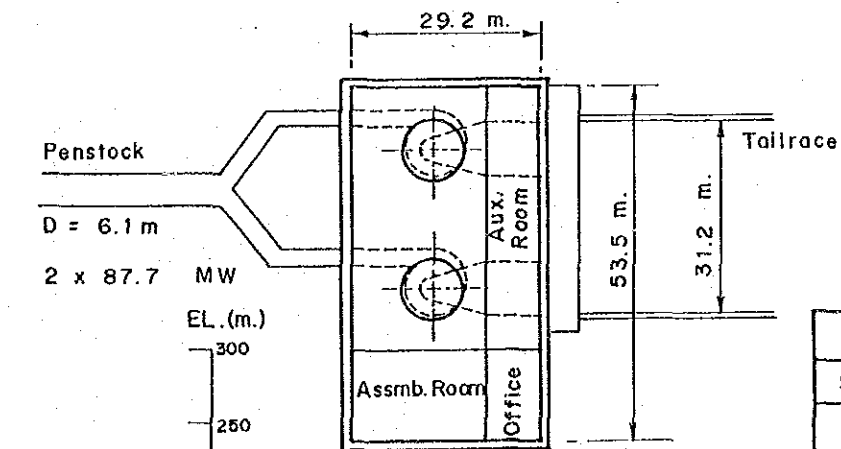
S/W CHUTEWAY SECTION S = 1 : 2,000



PLUNGE POOL SECTION S = 1 : 2,000

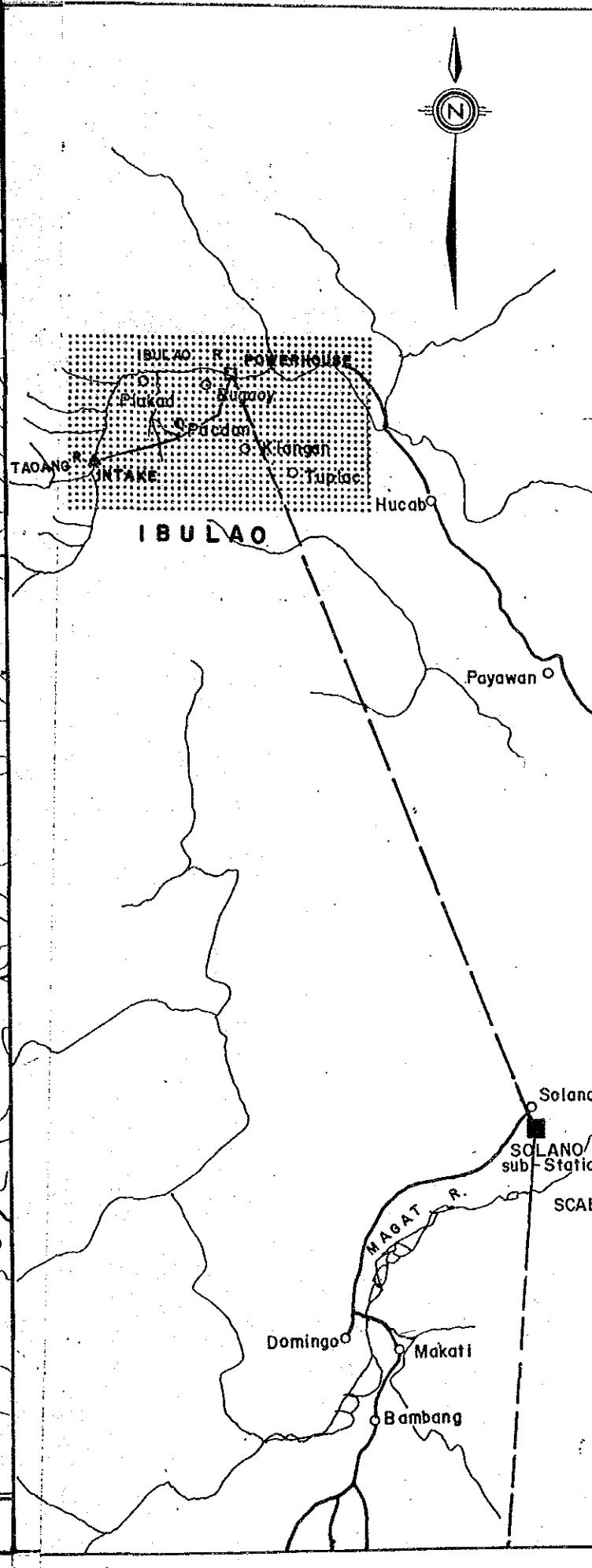
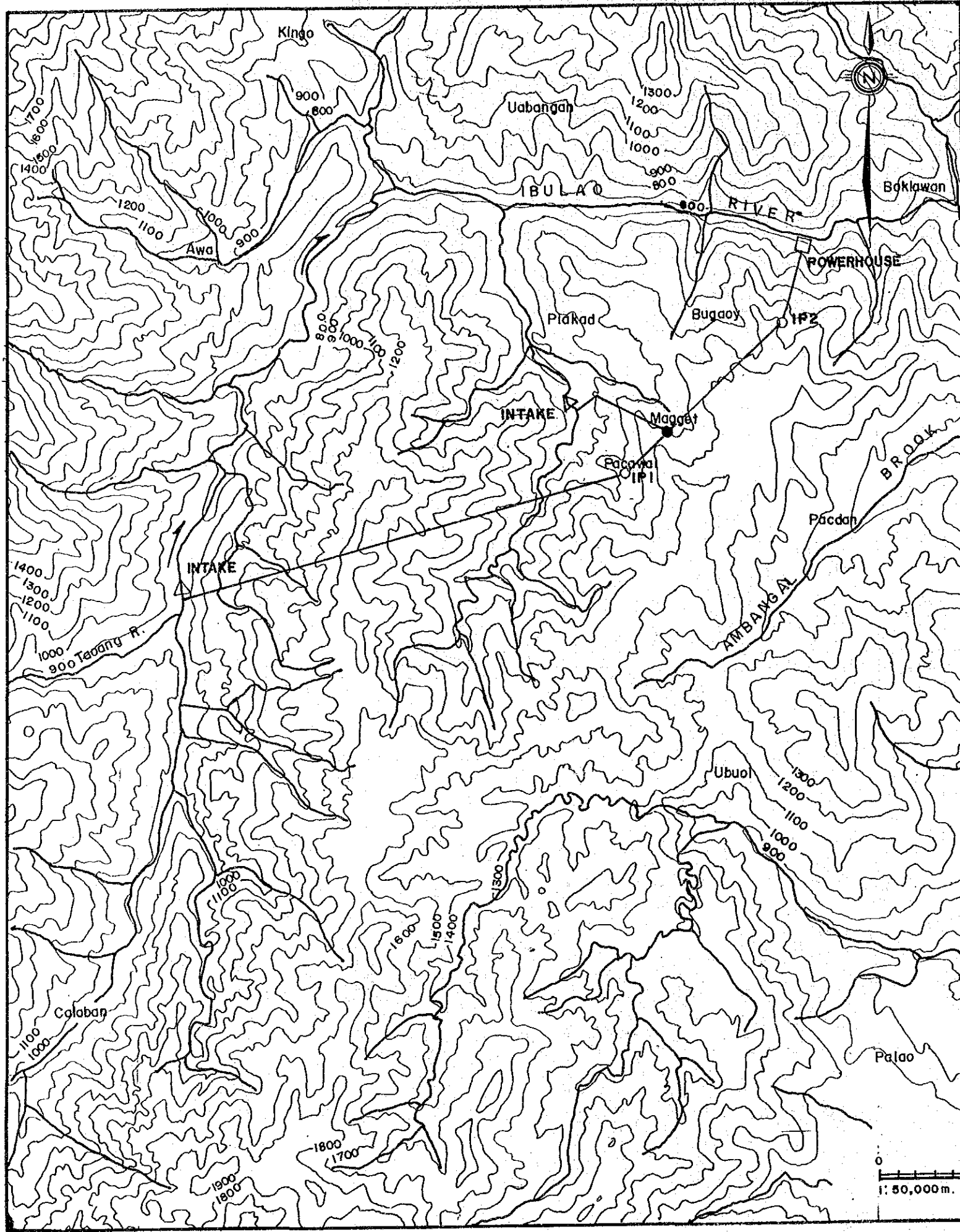


WATERWAY PROFILE S = 1 : 5,000



POWERHOUSE PLAN S = 1 : 1,000

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



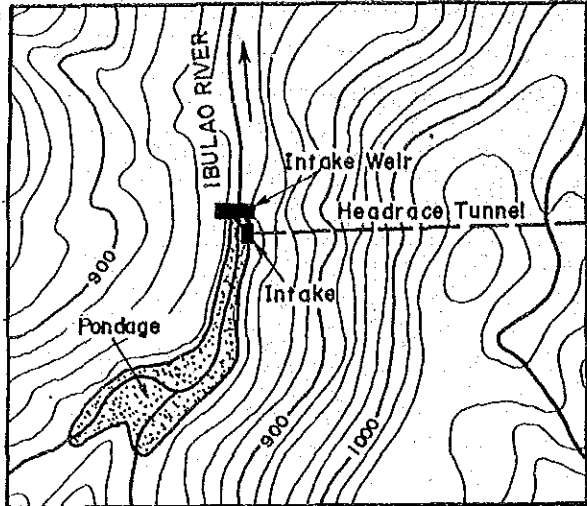
**KEY MAP**

**LEGEND:**

- SUB STATION
- TRANSMISSION LINE

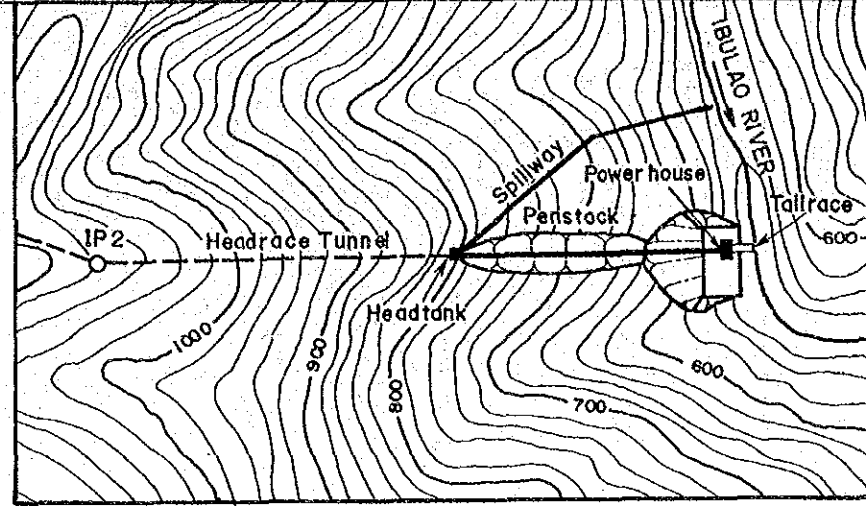
SCALE 0 1 2 3 4 5 10 15 KM.  
1: 250,000 m.

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



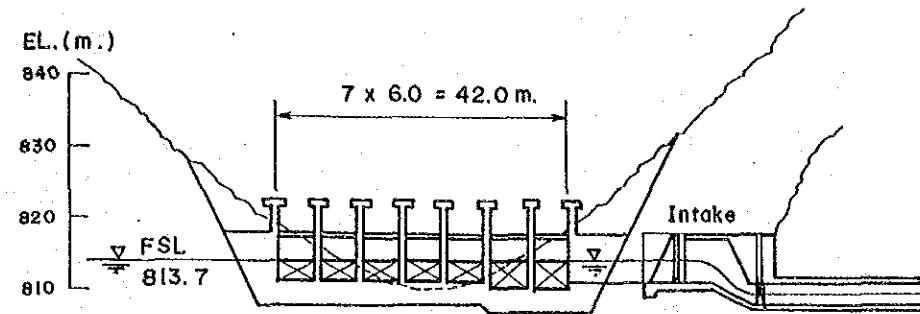
**INTAKE PLAN**

S = 1 : 10,000



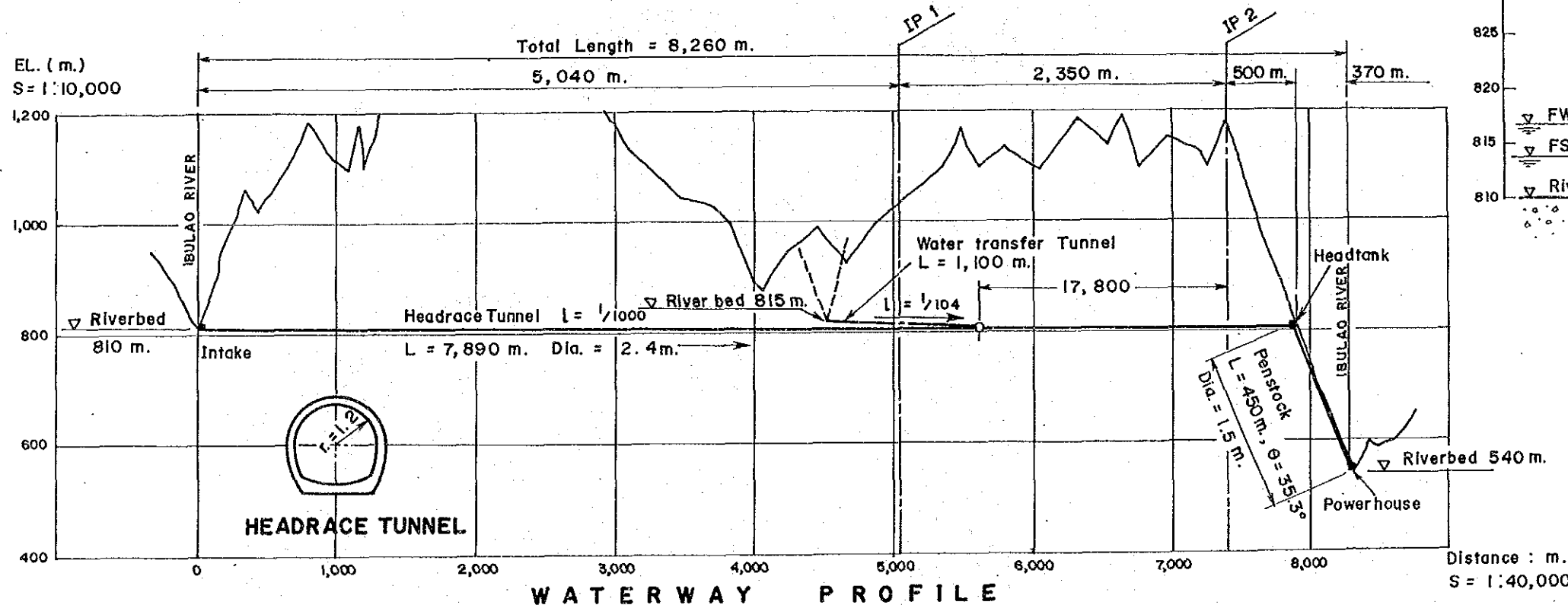
**POWER HOUSE PLAN**

S = 1 : 10,000

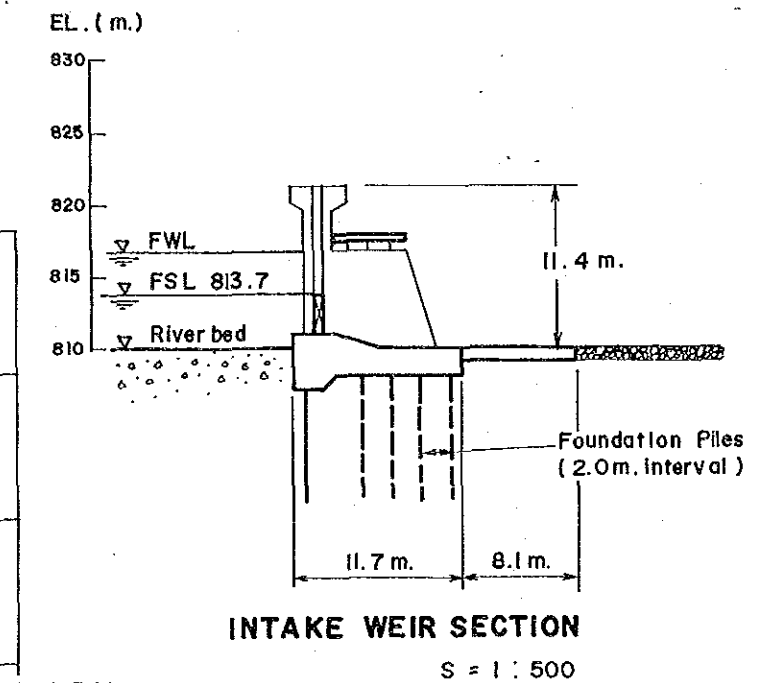


**WEIR & INTAKE S=1:1000**

*Weir and Intake*

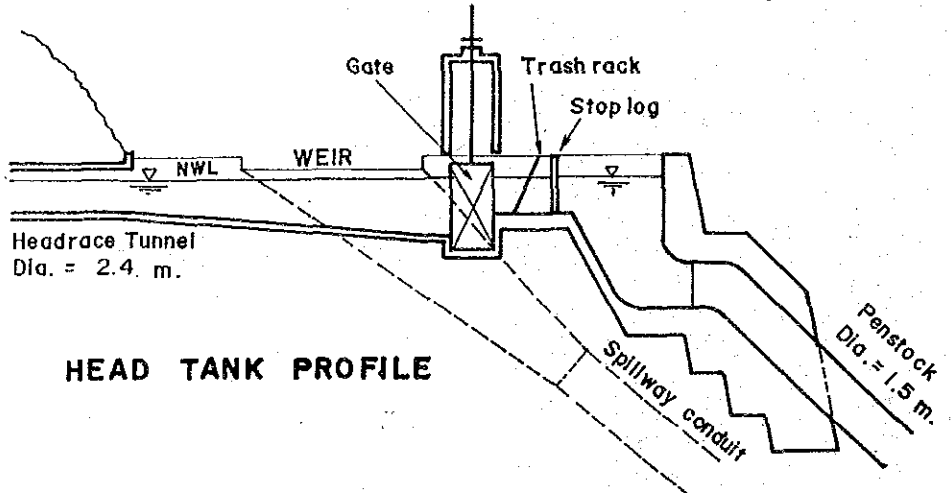


**WATERWAY PROFILE**

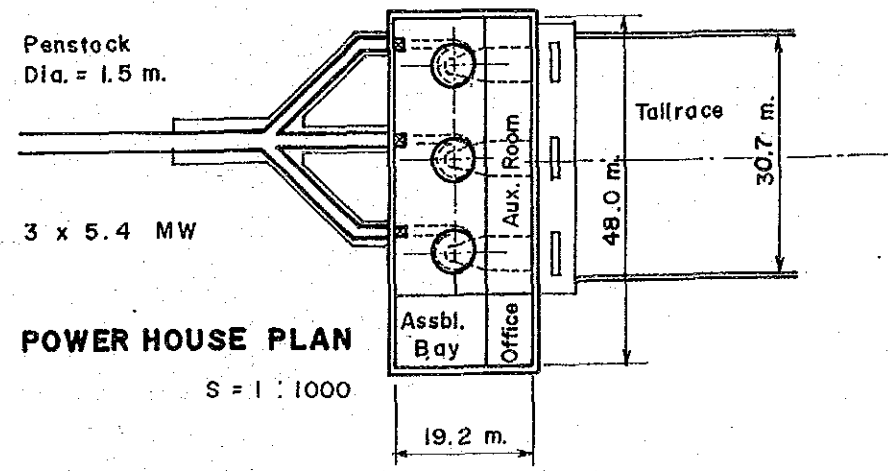


**INTAKE WEIR SECTION**

S = 1 : 500



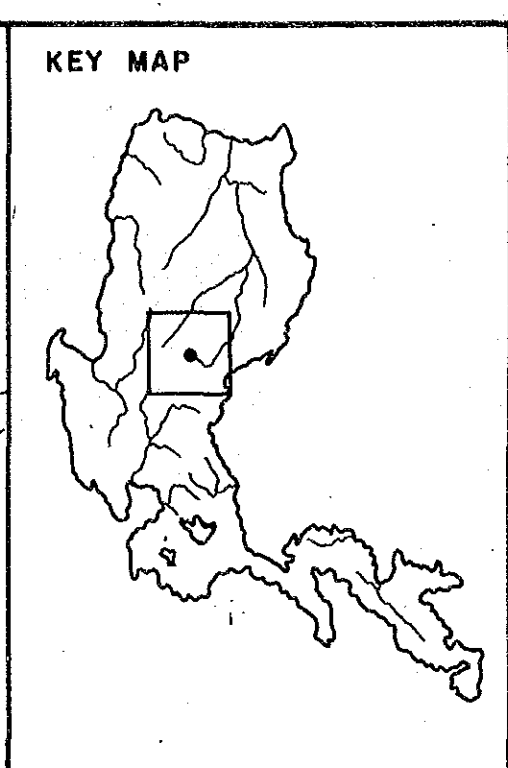
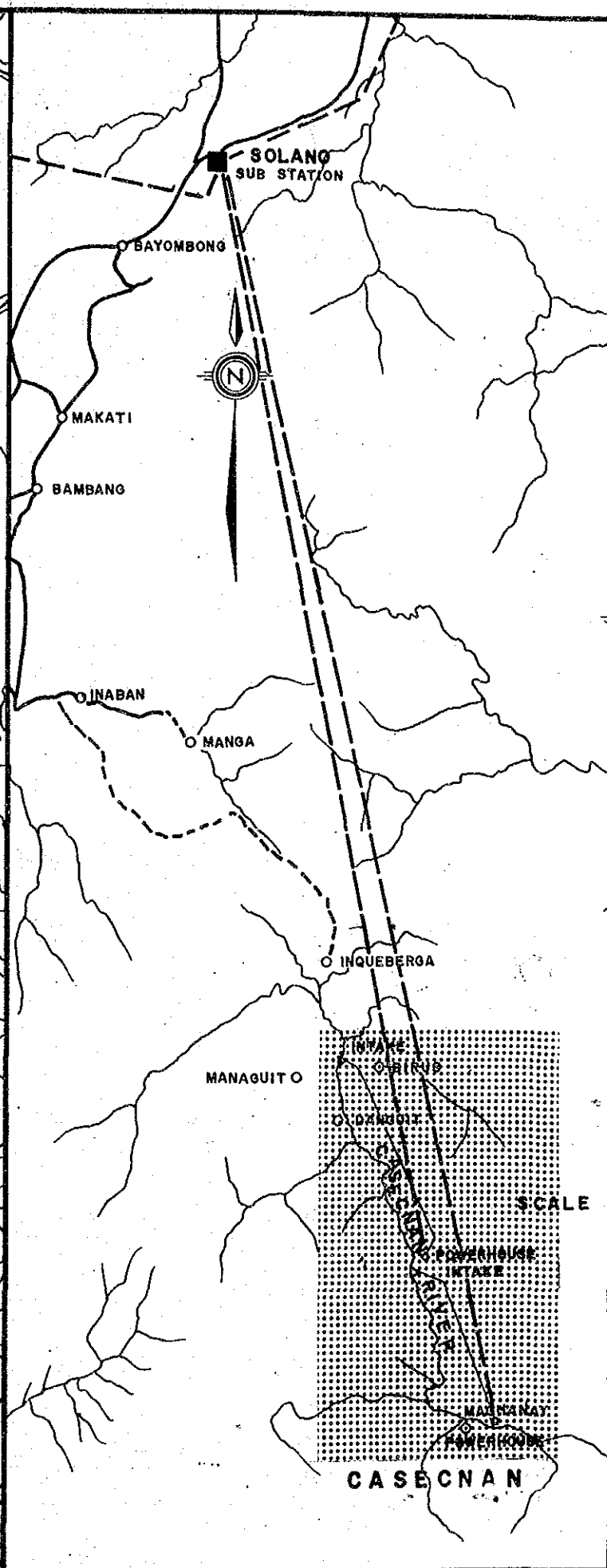
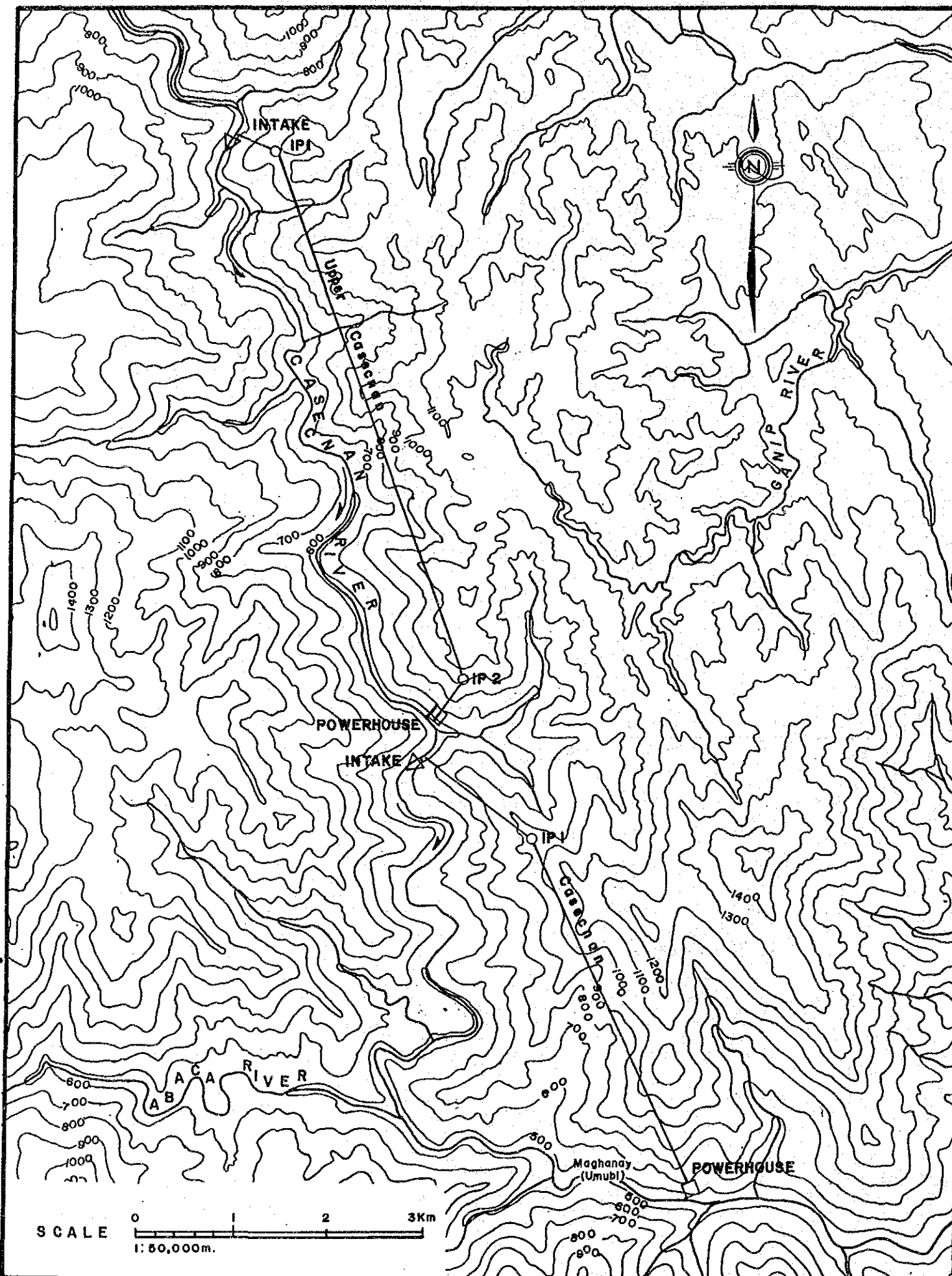
**HEAD TANK PROFILE**



**POWER HOUSE PLAN**

S = 1 : 1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-006-20-46-0-2		
<b>IBULAO GENERAL LAYOUT</b>			
DATE	AUG. 1987	DRWG. NO.	55
JAPAN INTERNATIONAL COOPERATION AGENCY			

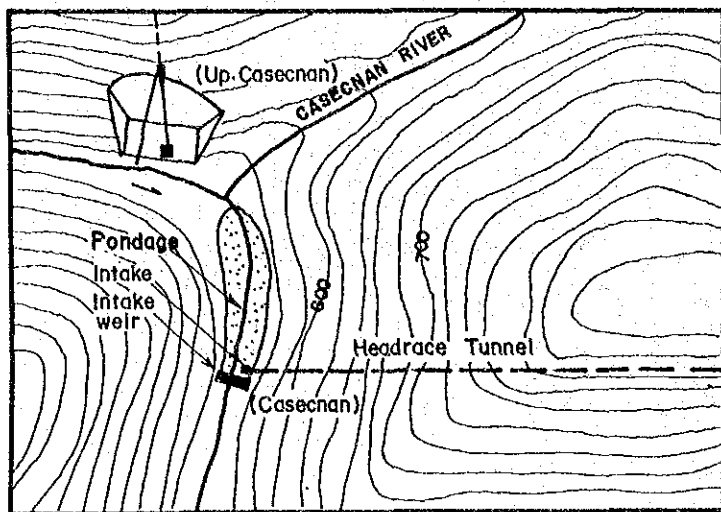


**LEGEND :**

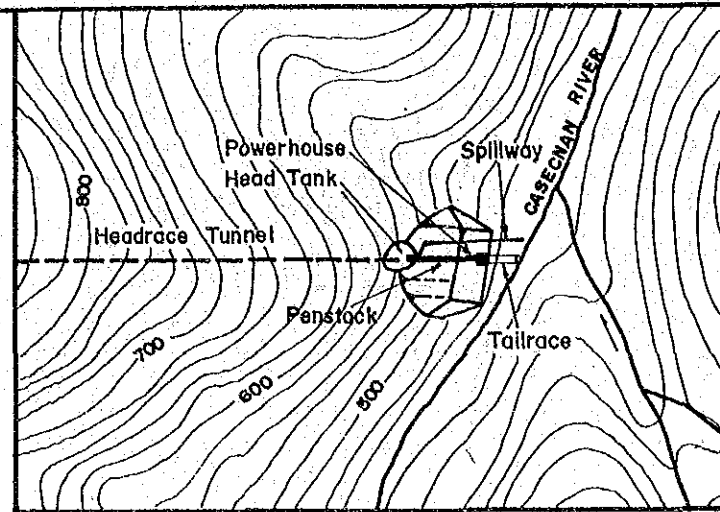
- SUB STATION
- TRANSMISSION LINE

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

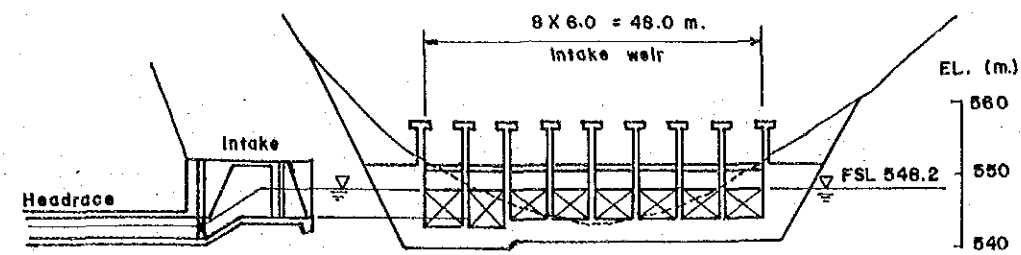
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-29-58-0-2 2-008-29-59-0-2		
<b>CASECNAN &amp; UPPER CASECNAN LOCATION MAP</b>			
DATE	AUG. 1987	DRWG. NO.	56
JAPAN INTERNATIONAL COOPERATION AGENCY			



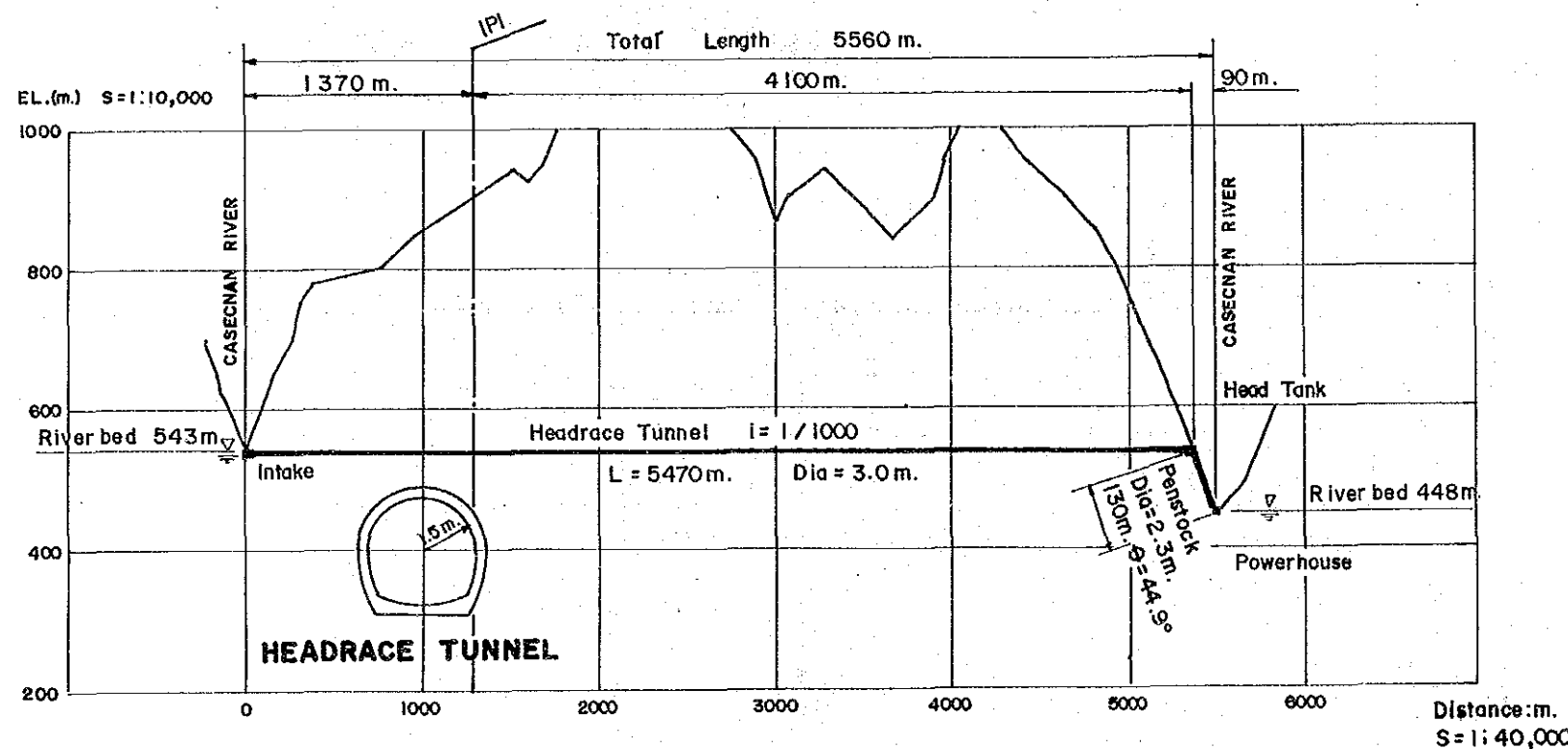
**INTAKE PLAN S=1:10,000**



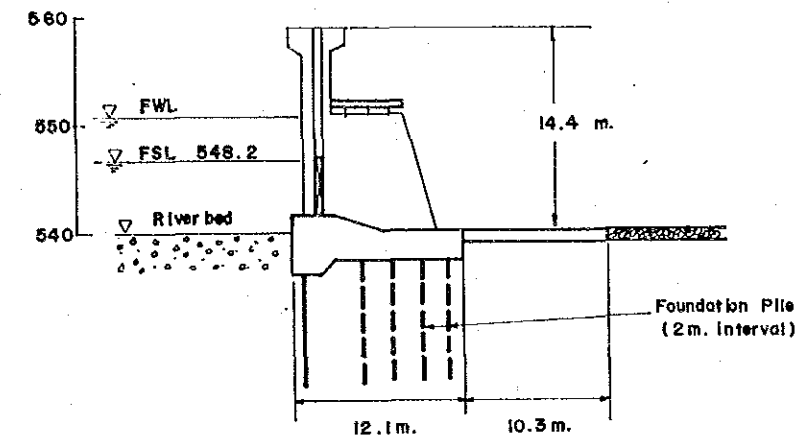
**POWERHOUSE PLAN S=1:10,000**



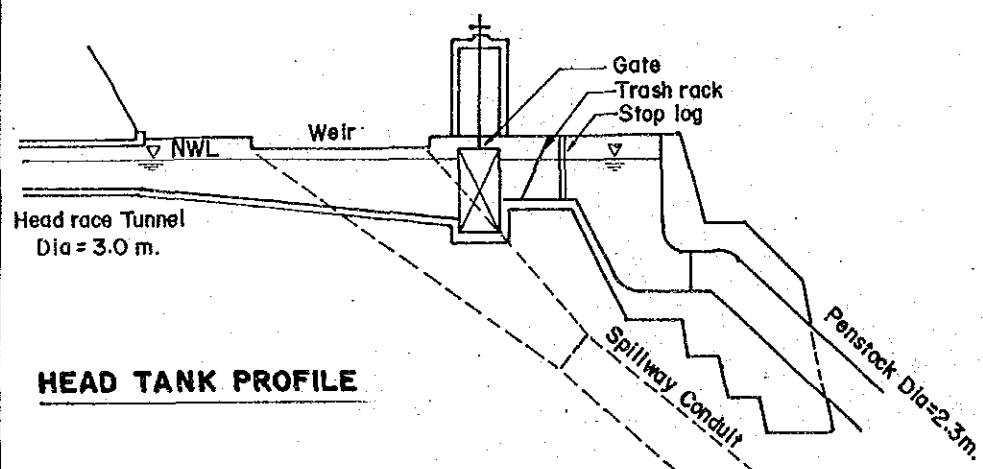
**WEIR and INTAKE S=1:1000**



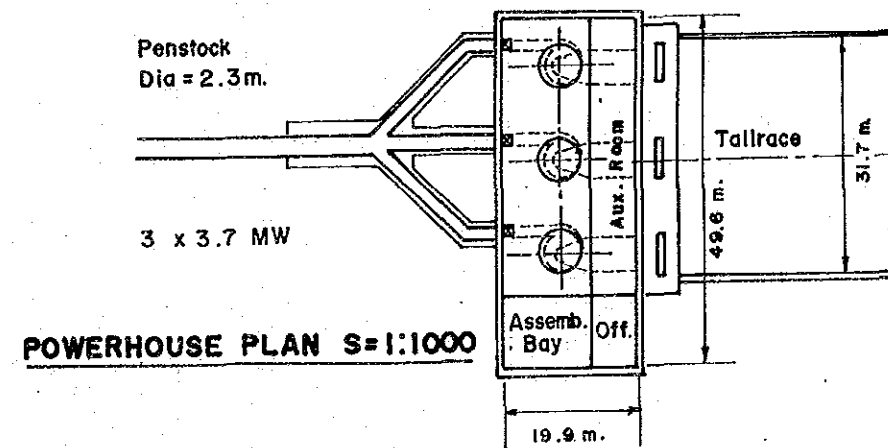
**WATERWAY PROFILE**



**INTAKE WEIR SECTION S=1:500**

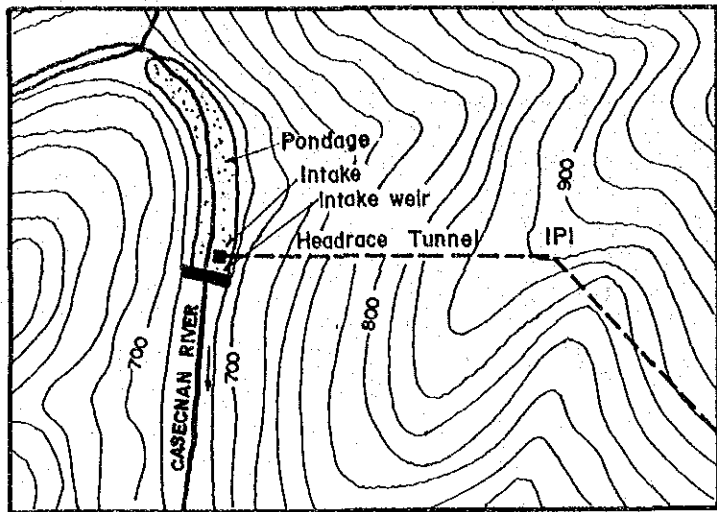


**HEAD TANK PROFILE**

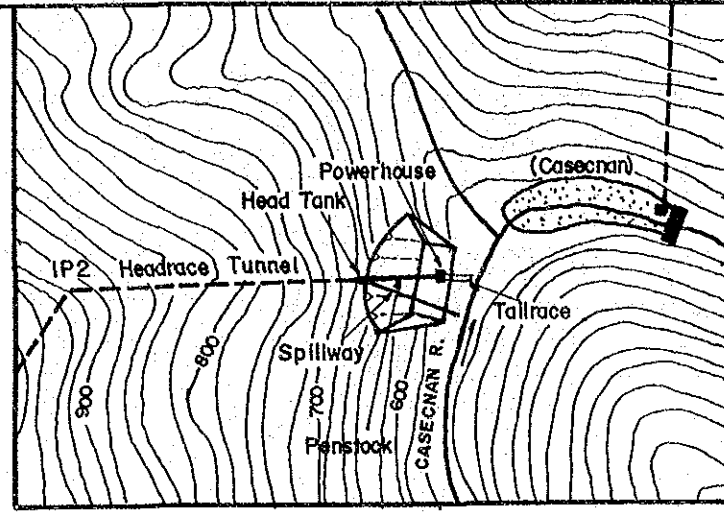


**POWERHOUSE PLAN S=1:1000**

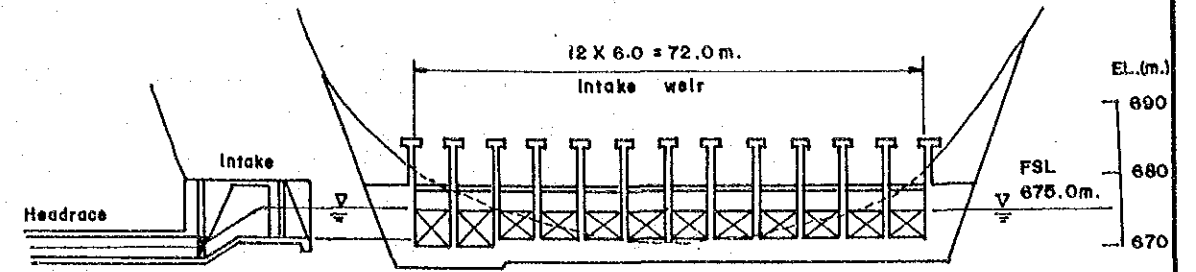
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	2-008-29-5B-0-2		
<b>CASECNAN GENERAL LAYOUT</b>			
DATE	AUG. 1987	DRWG. NO.	57
JAPAN INTERNATIONAL COOPERATION AGENCY			



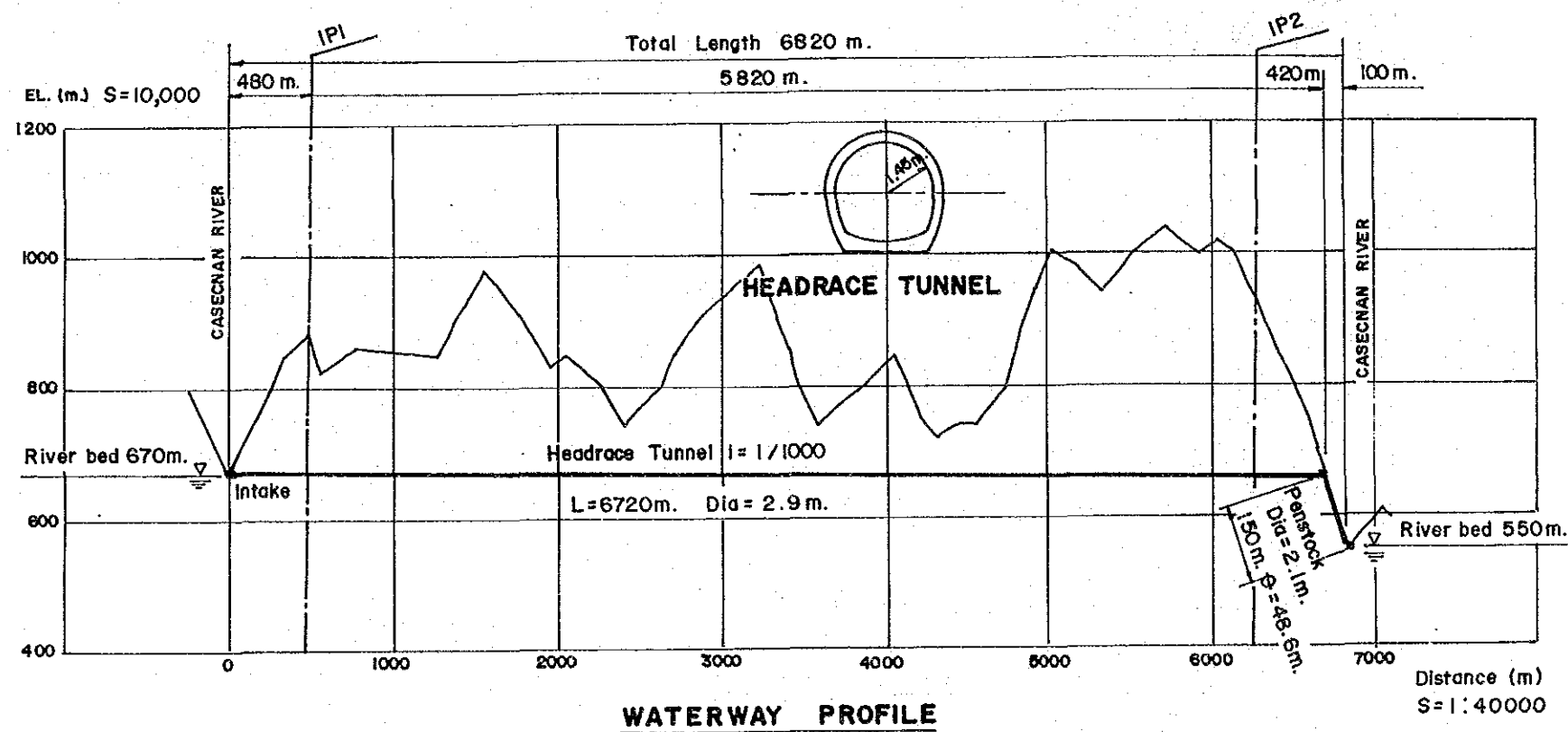
INTAKE PLAN S = 1:10,000



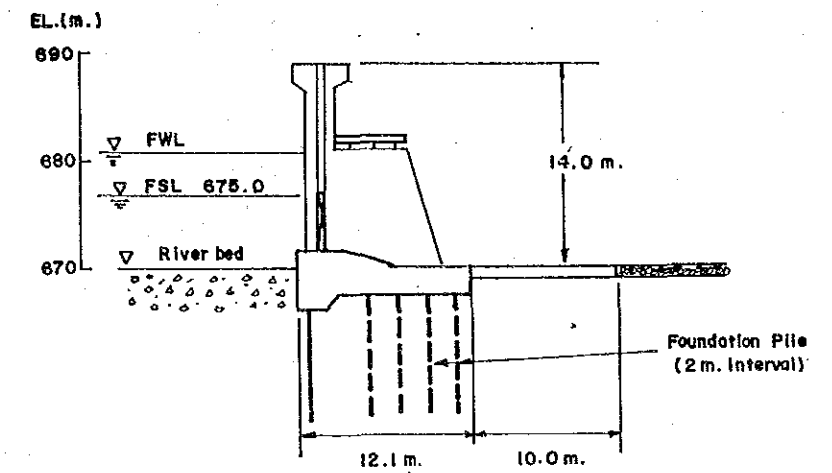
POWERHOUSE PLAN S=1:10,000



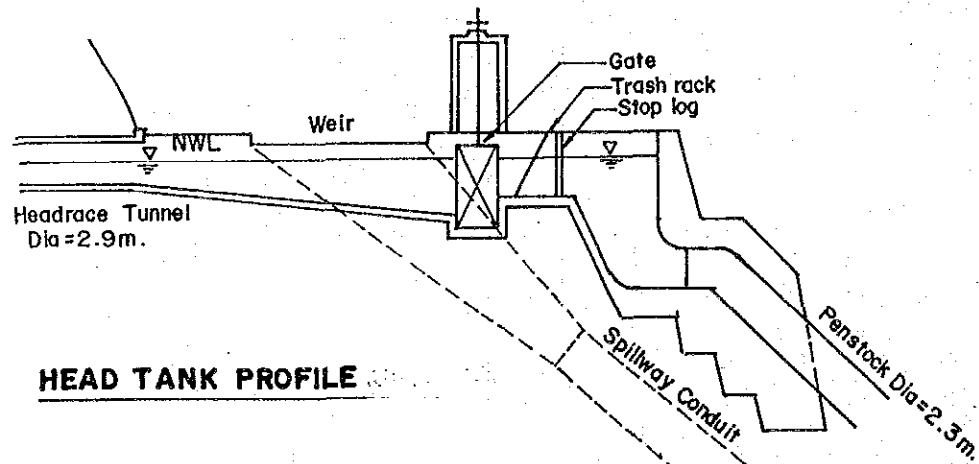
WEIR and INTAKE S = 1:1000



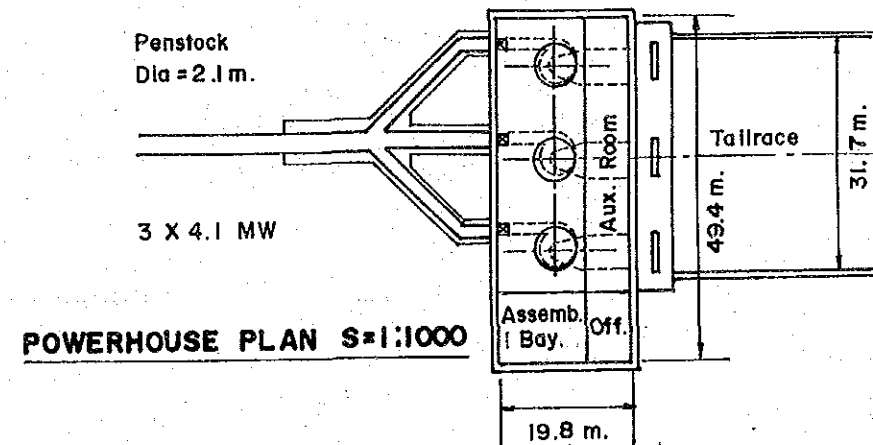
WATERWAY PROFILE



INTAKE WEIR SECTION S=1:500



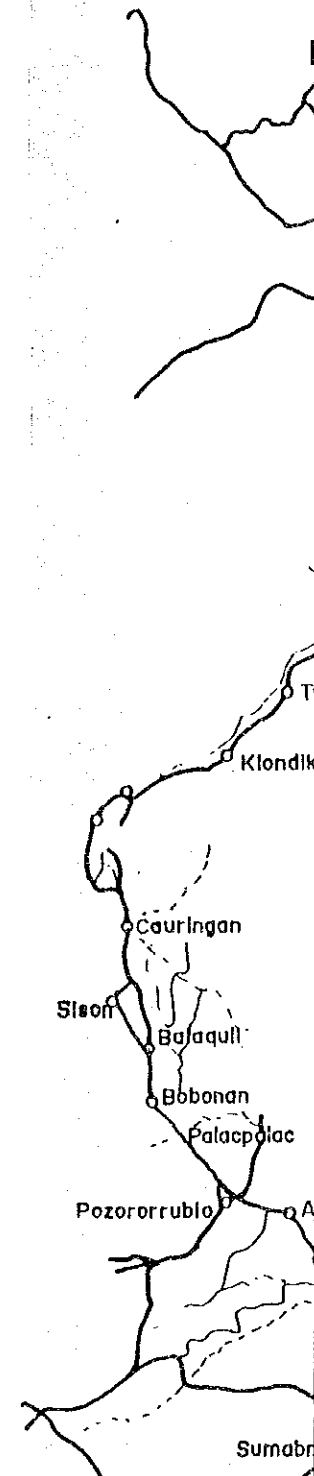
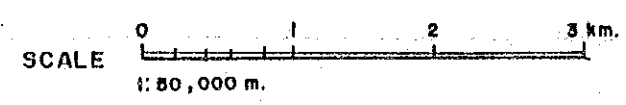
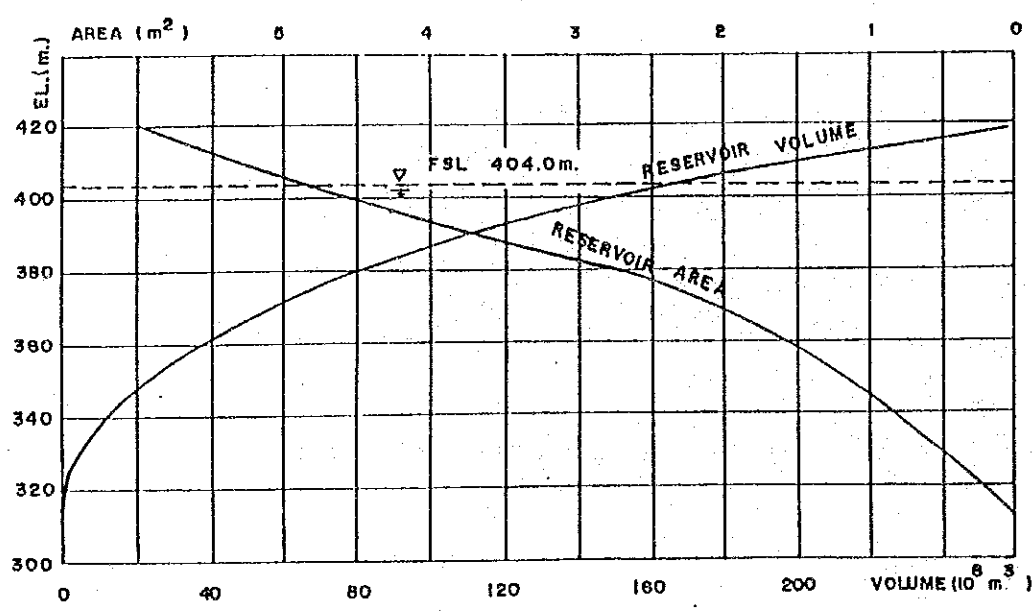
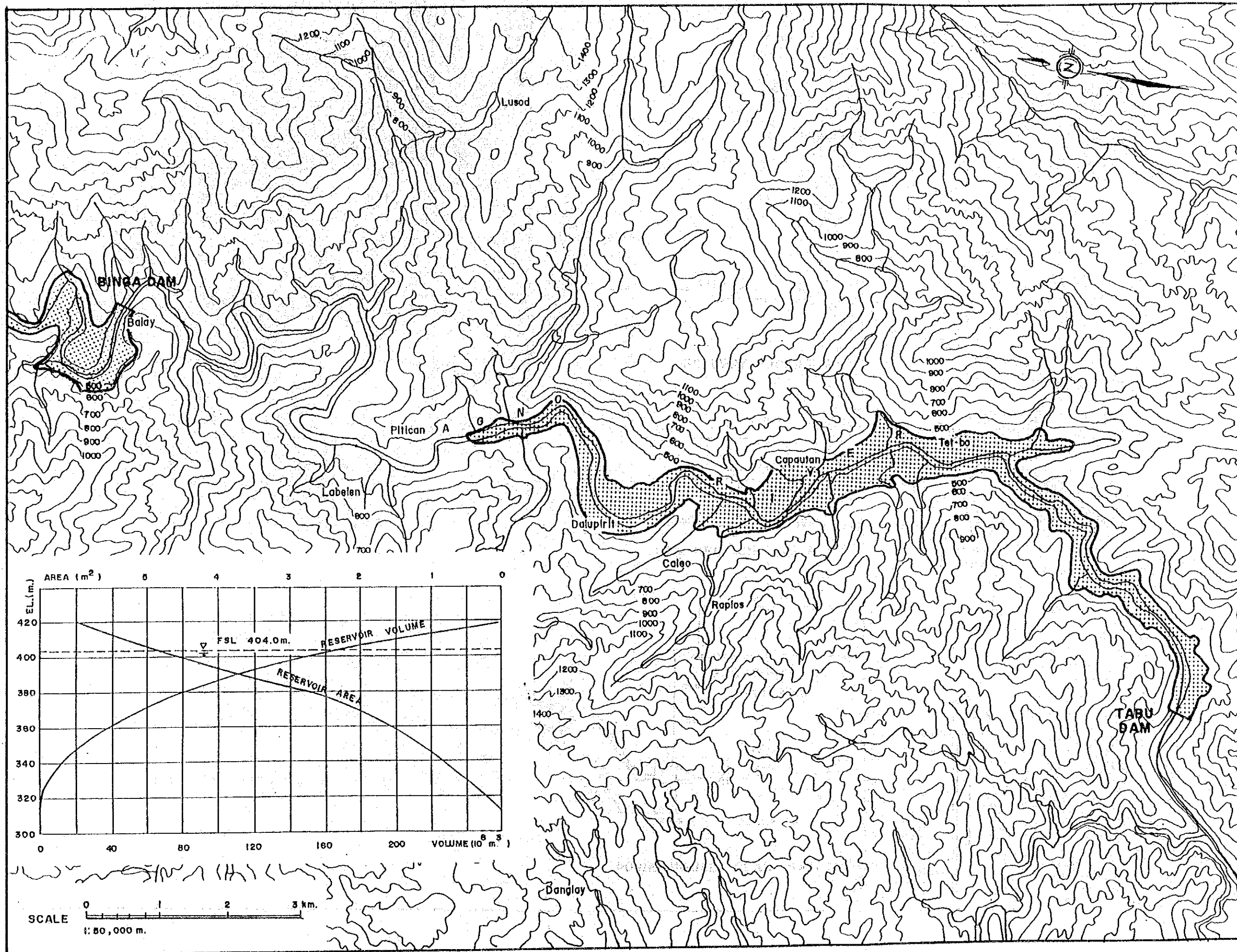
HEAD TANK PROFILE

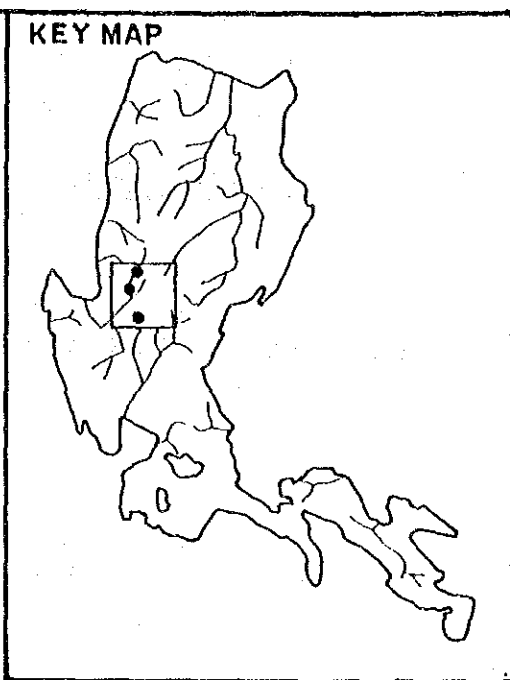
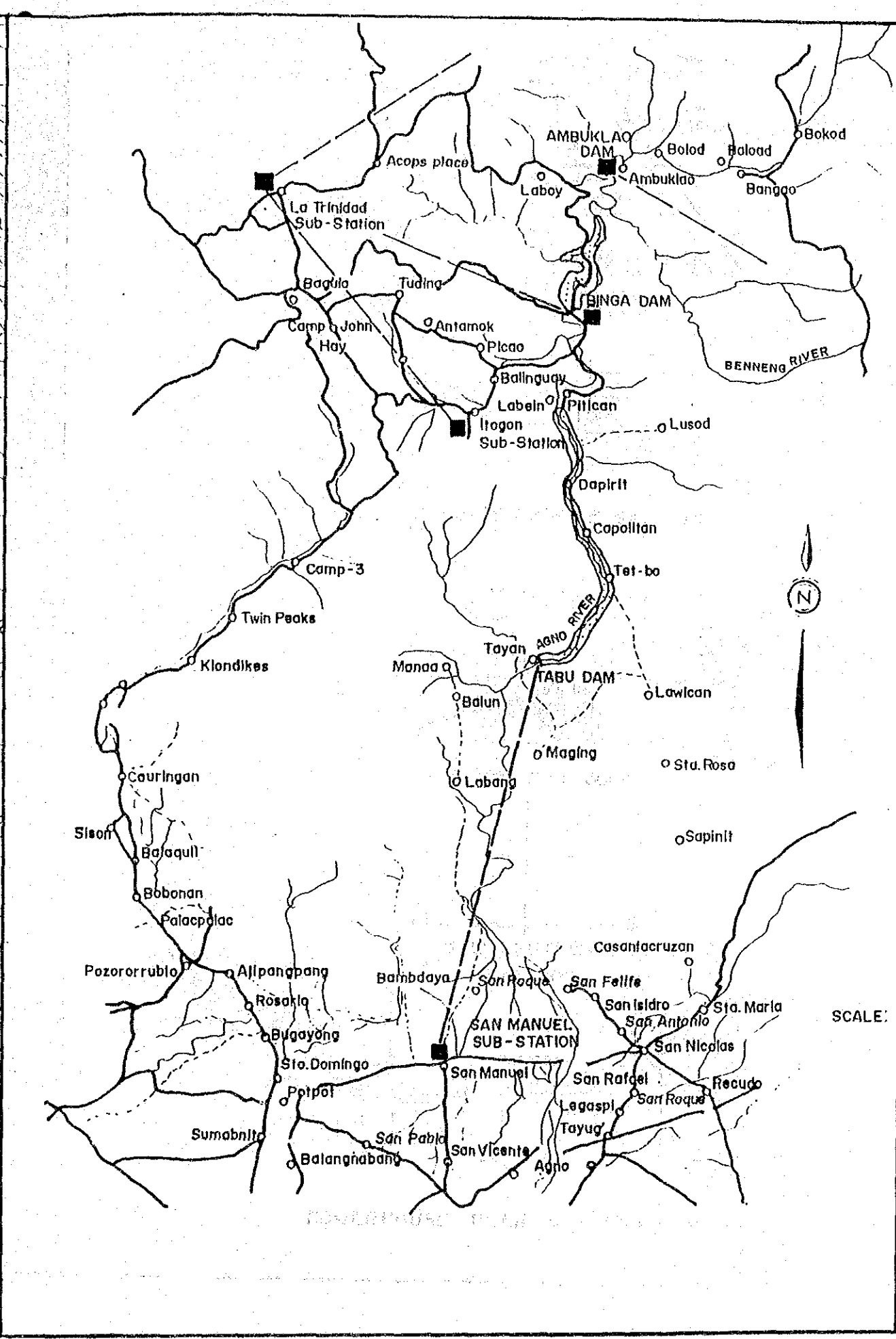
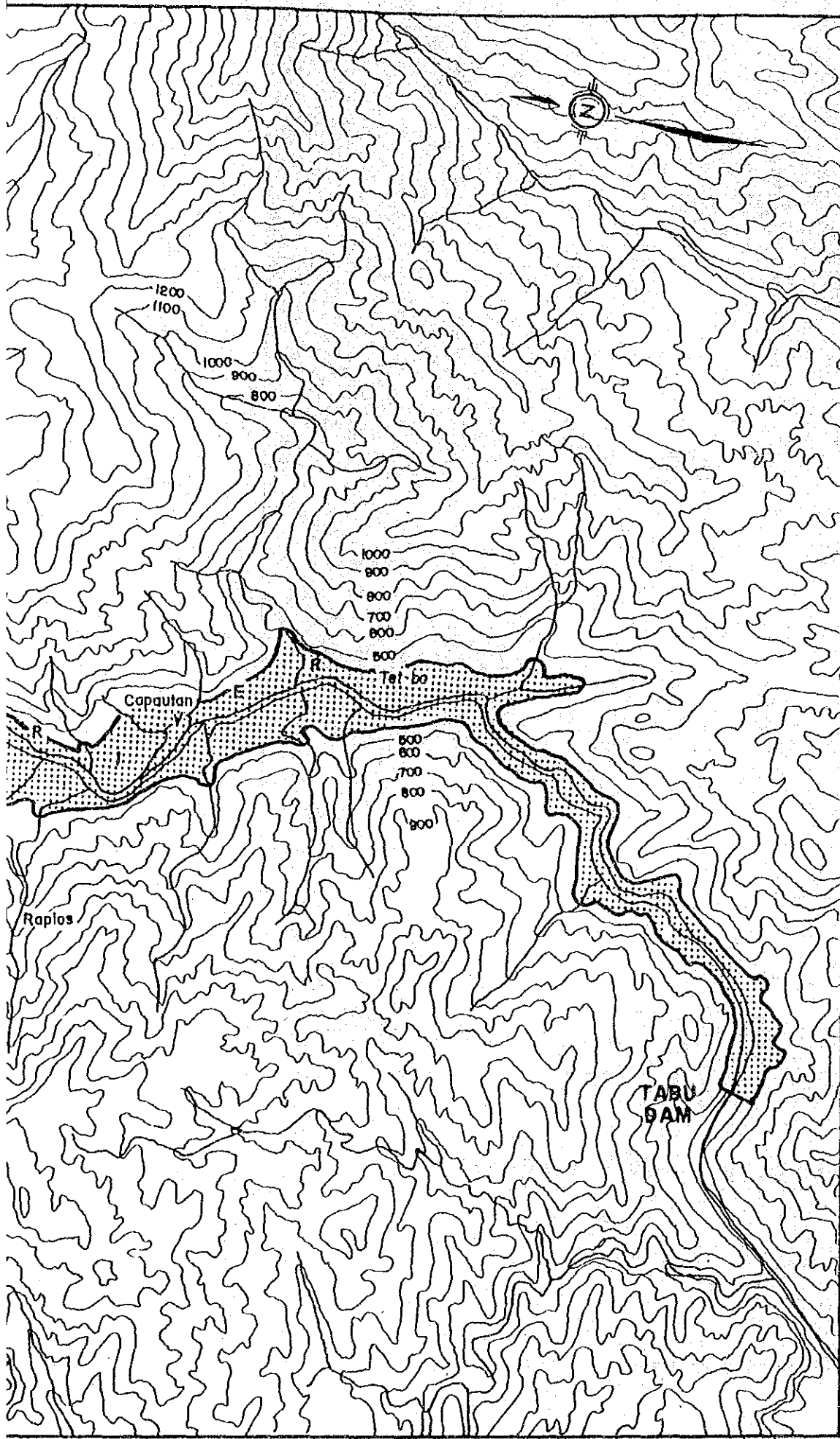


POWERHOUSE PLAN S=1:1000

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



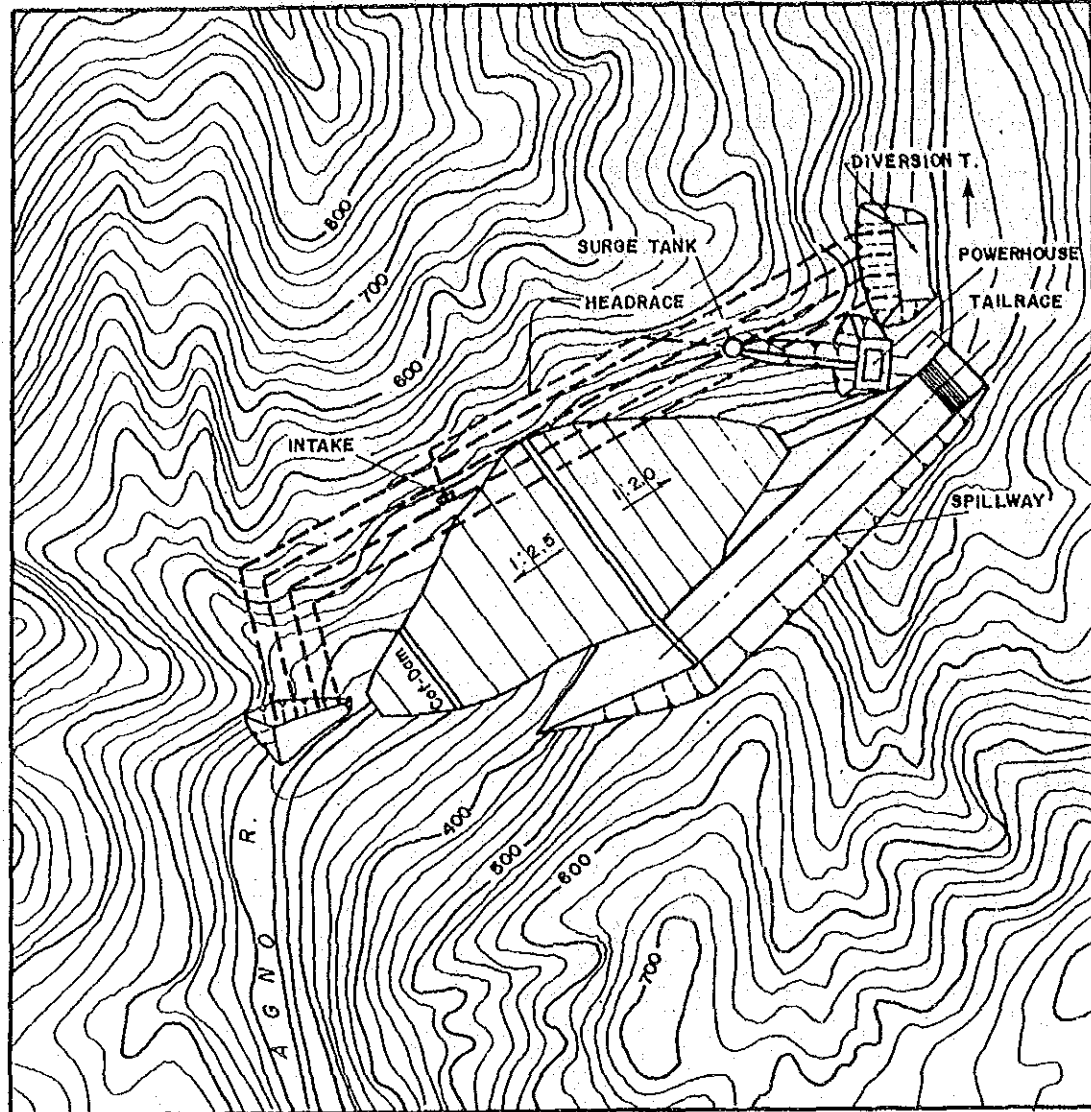




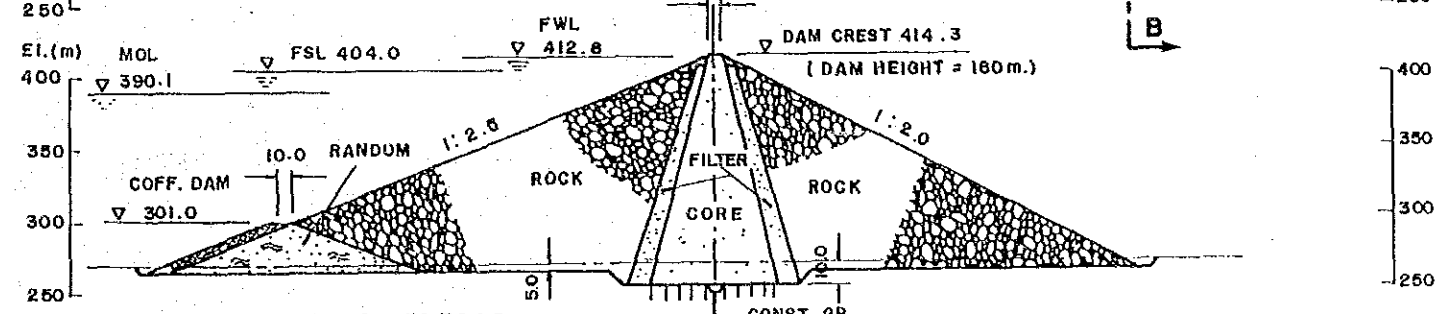
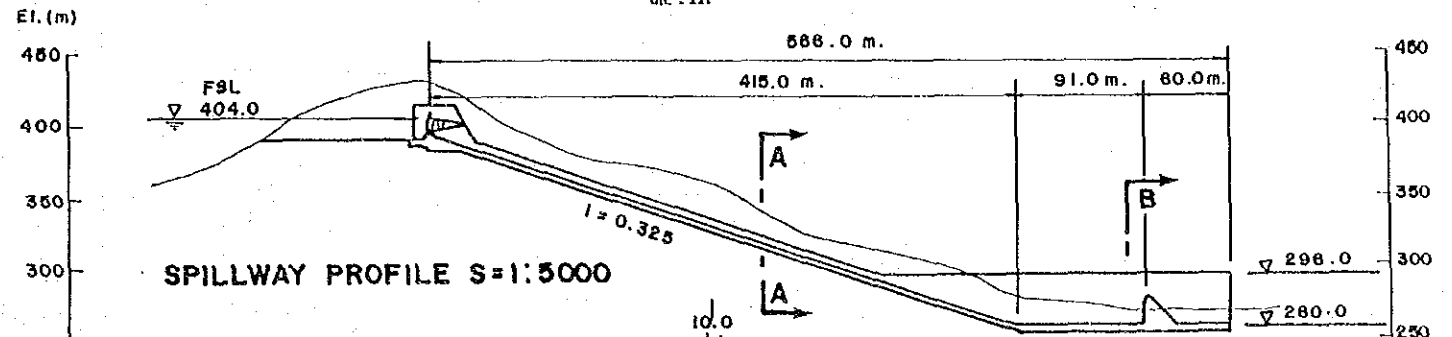
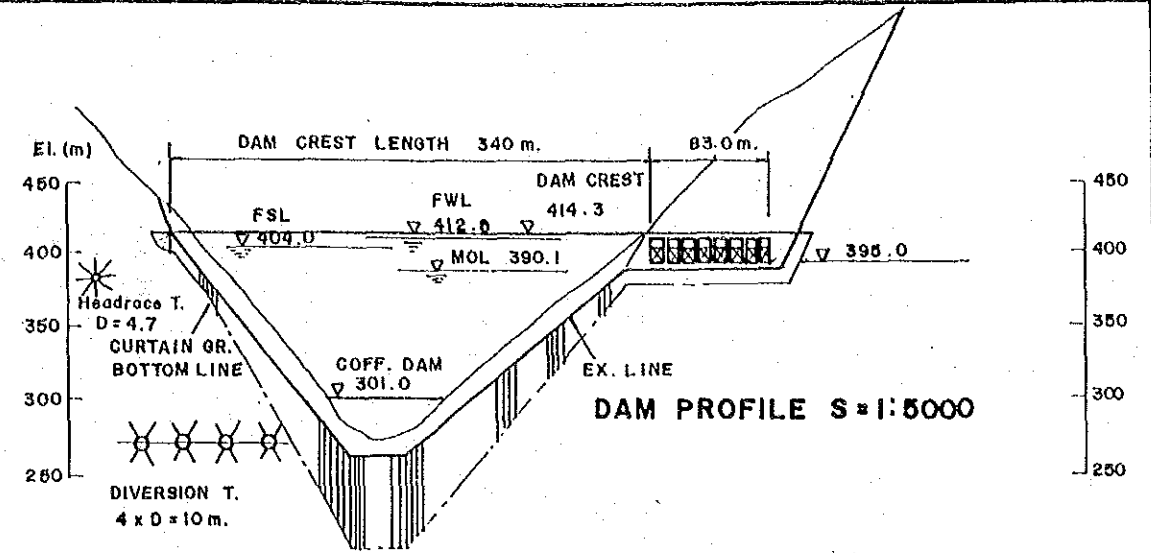
**LEGEND:**  
 ■ SUB STATION  
 --- TRANSMISSION LINE

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

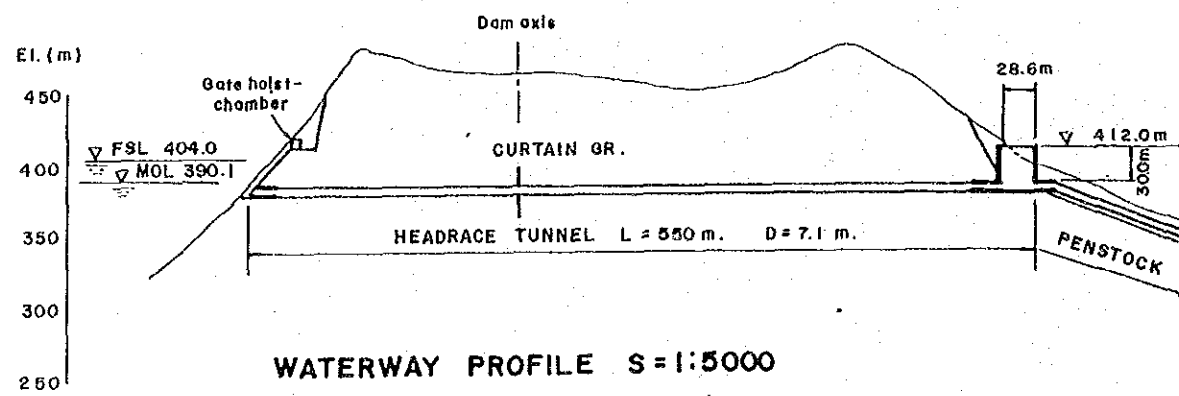
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		3-077-00-04-1-1	
<b>TABU LOCATION MAP</b>			
DATE	AUG. 1987	DRWG. NO.	59
JAPAN INTERNATIONAL COOPERATION AGENCY			



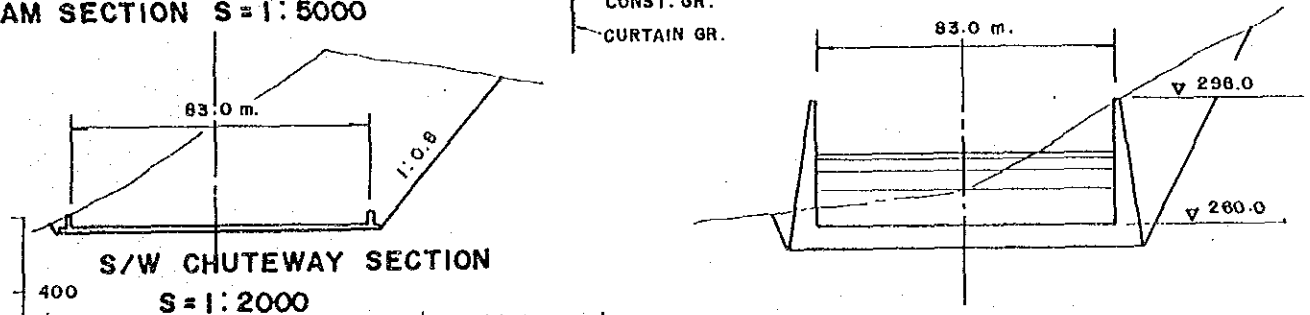
DAM PLAN S=1:10,000



DAM SECTION S=1:5000



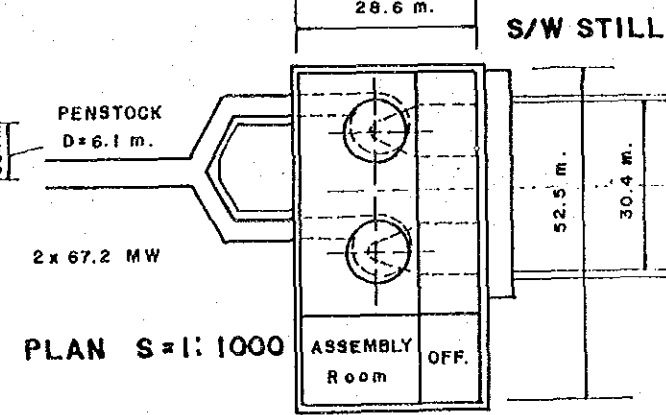
WATERWAY PROFILE S=1:5000



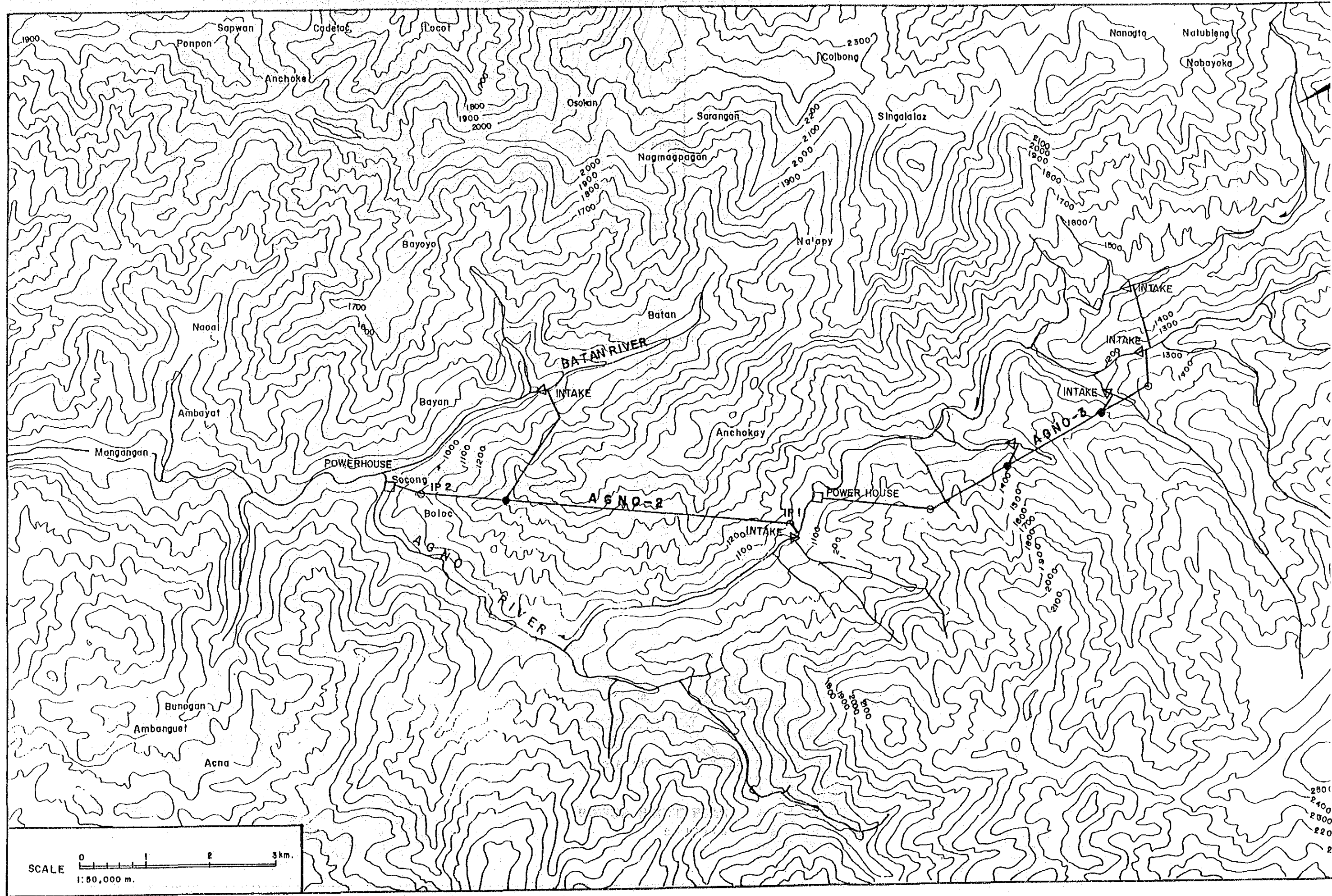
S/W CHUTEWAY SECTION S=1:2000

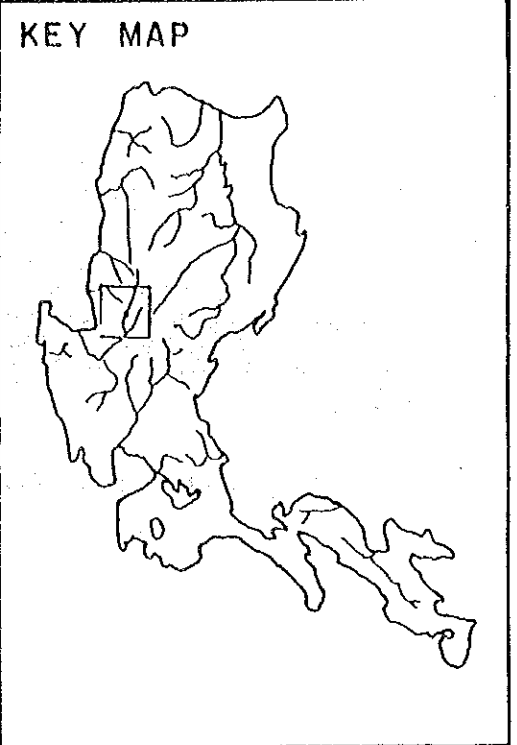
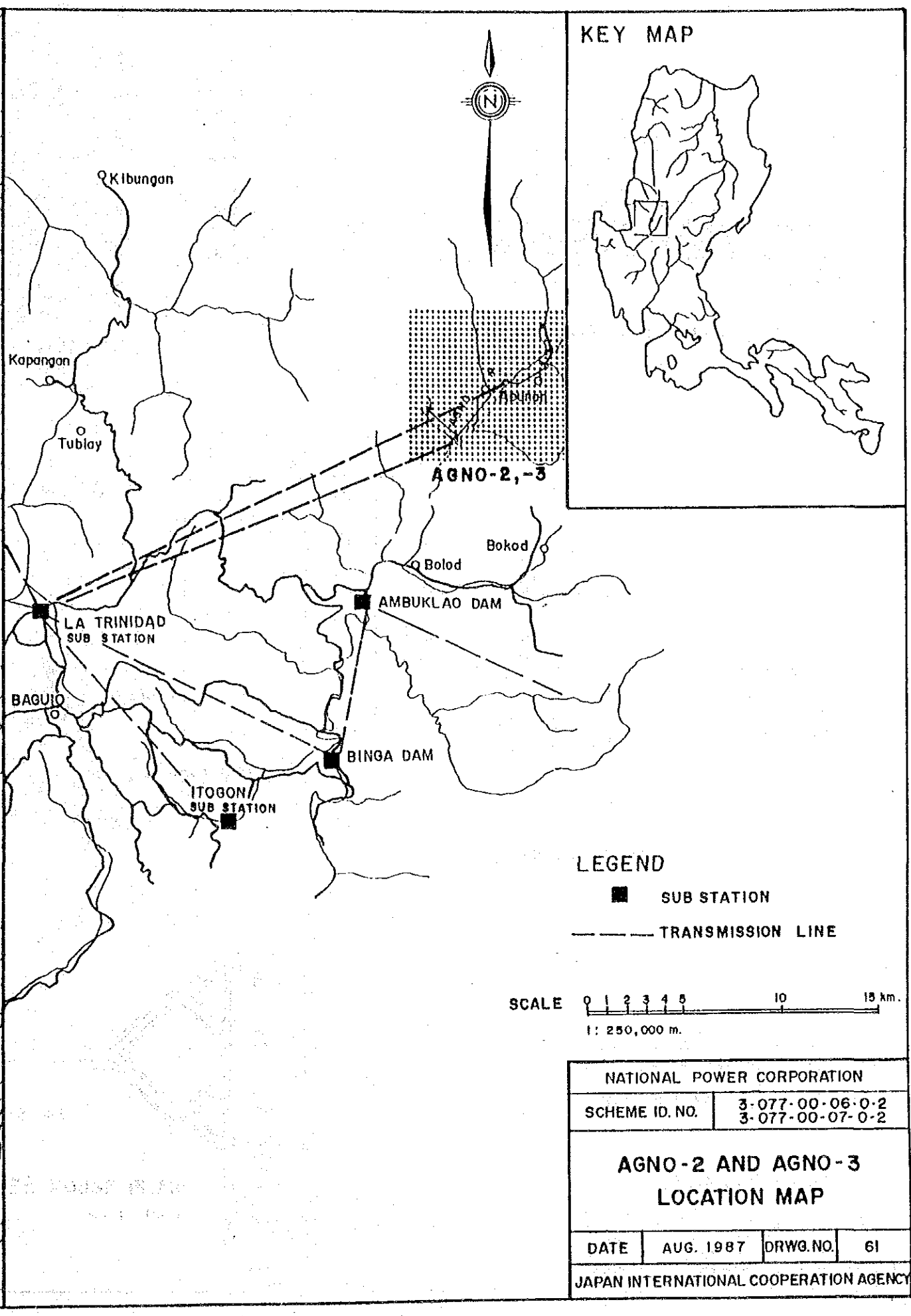
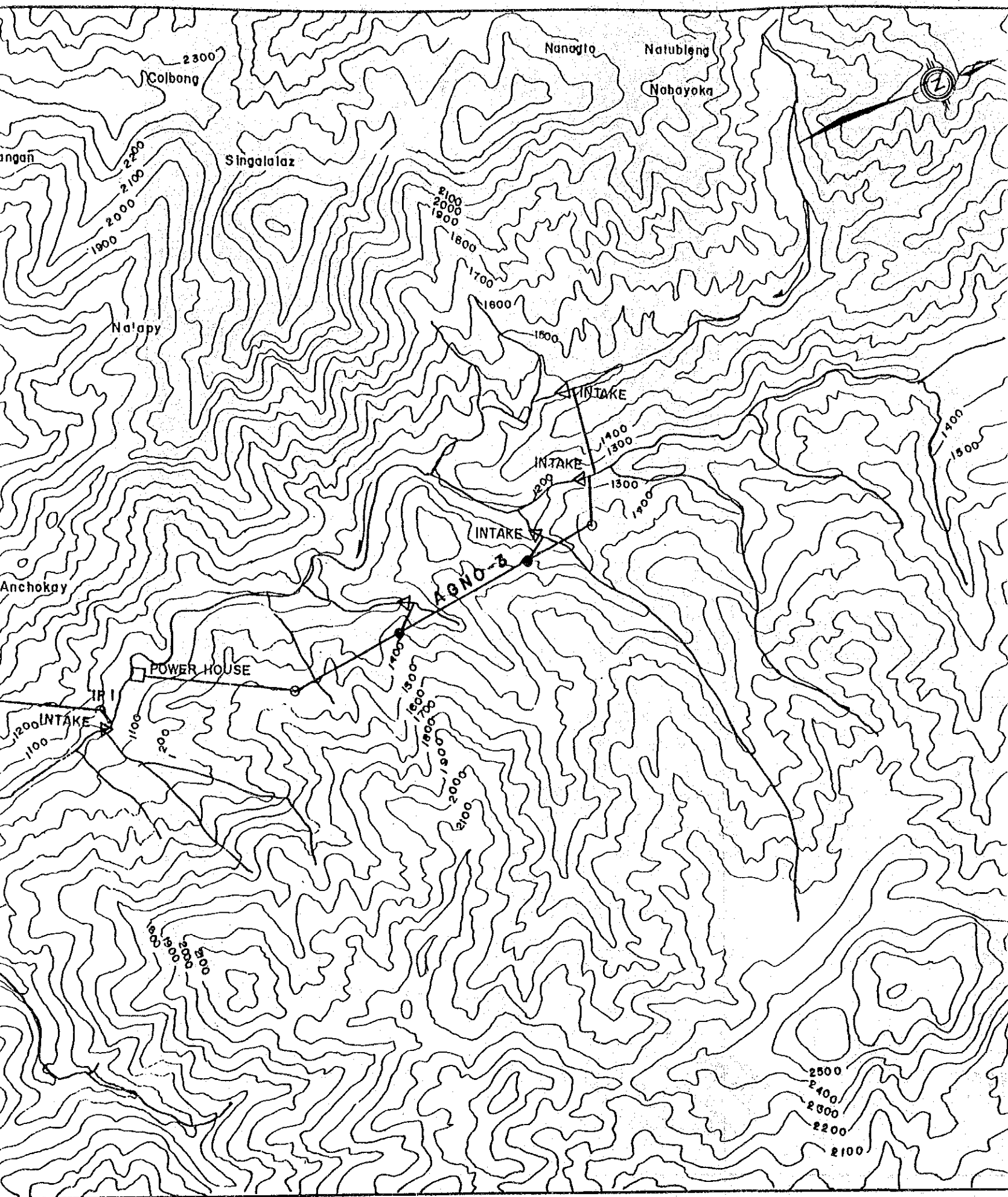
S/W STILLING BASIN SECTION S=1:2000

POWERHOUSE PLAN S=1:1000



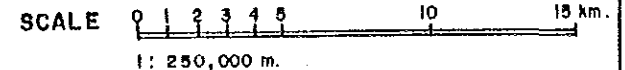
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	3-007-00-04-1-1		
<b>TABU</b>			
<b>GENERAL LAYOUT</b>			
DATE	AUG. 1987	DRWG. NO.	60
JAPAN INTERNATIONAL COOPERATION AGENCY			



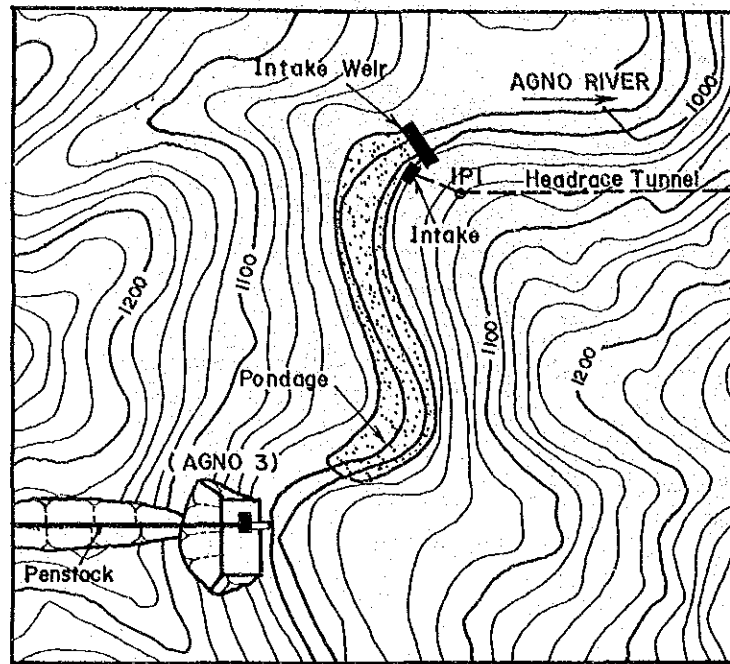


**LEGEND**

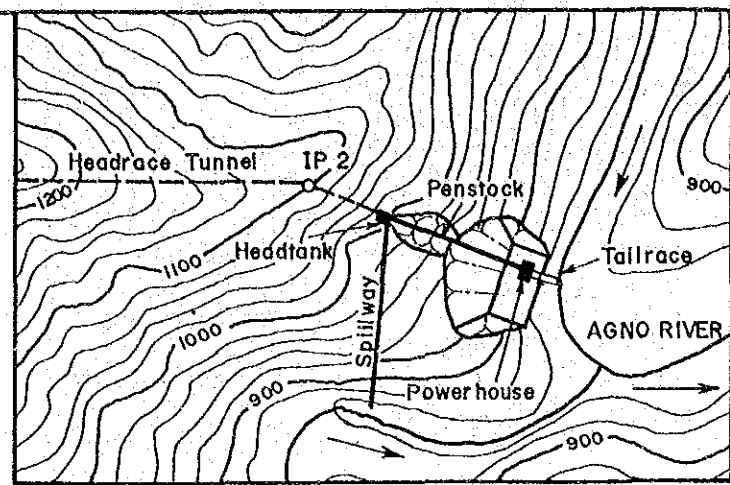
- SUB STATION
- TRANSMISSION LINE



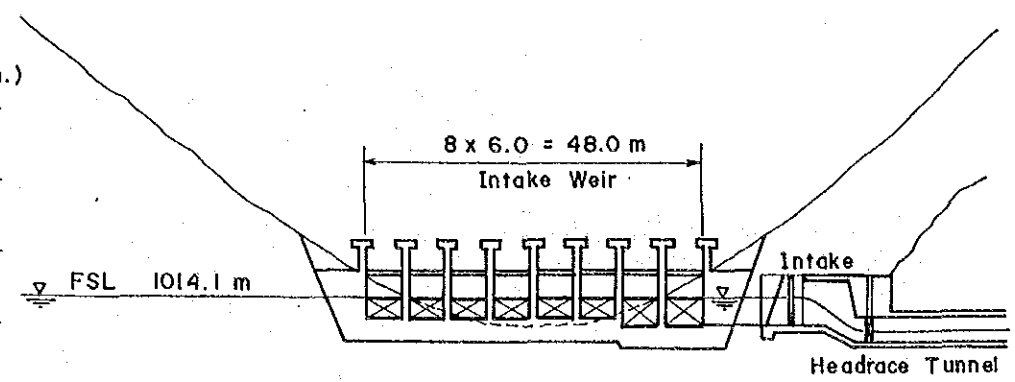
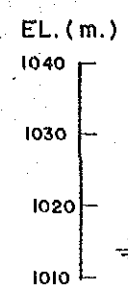
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	3-077-00-06-0-2 3-077-00-07-0-2		
<b>AGNO-2 AND AGNO-3 LOCATION MAP</b>			
DATE	AUG. 1987	DRWG. NO.	61
JAPAN INTERNATIONAL COOPERATION AGENCY			



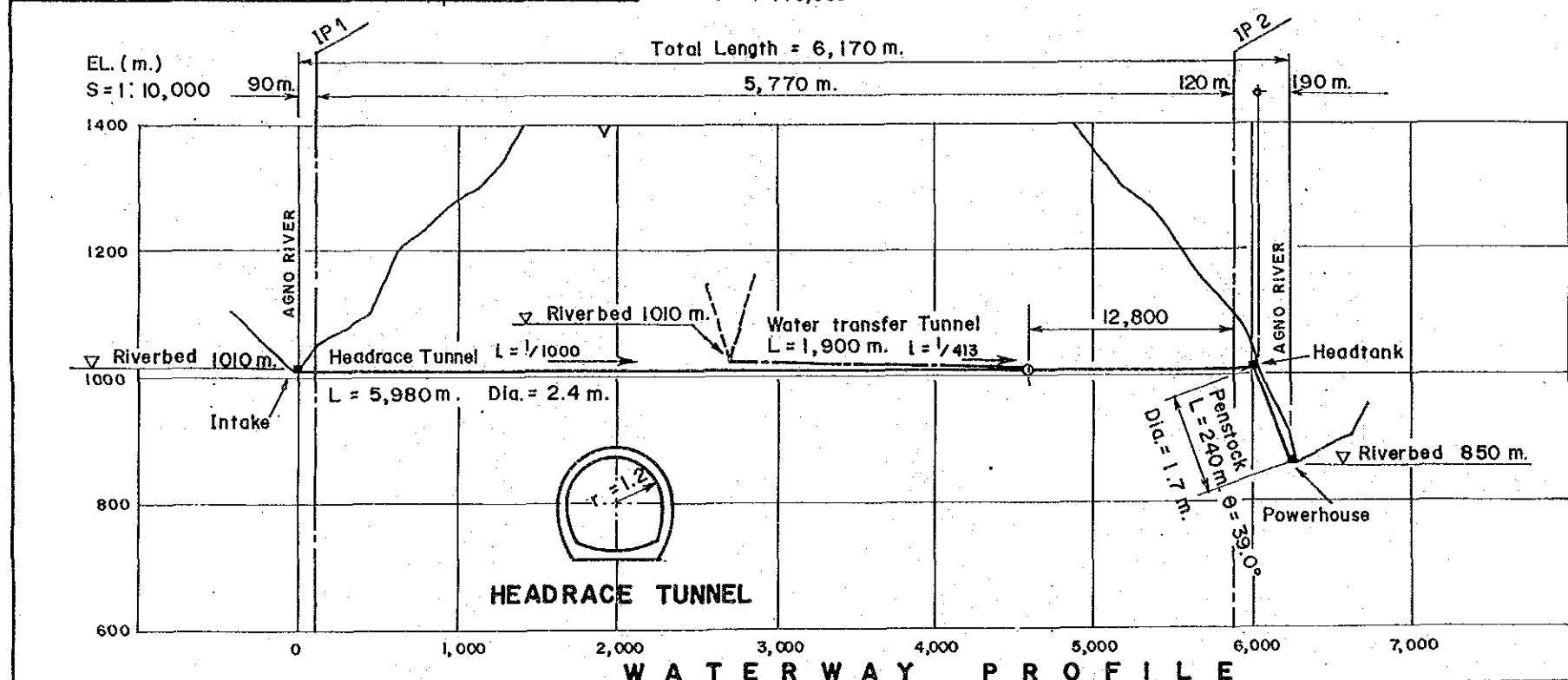
**INTAKE PLAN**  
S = 1 : 10,000



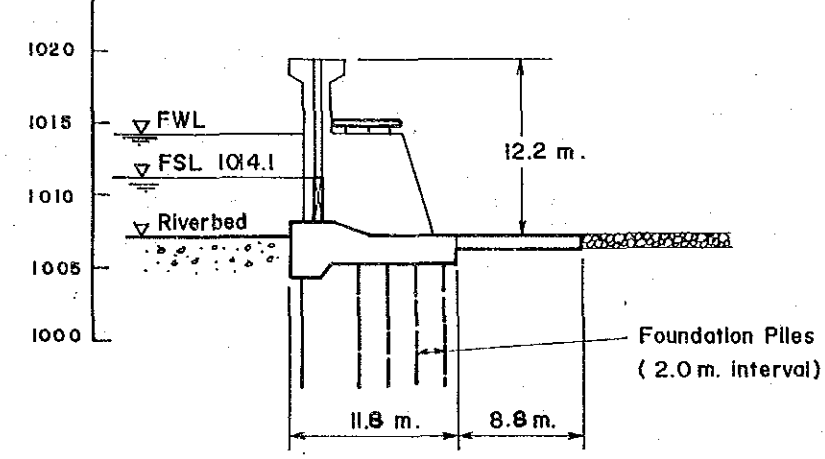
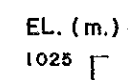
**POWER HOUSE PLAN**  
S = 1 : 10,000



**WEIR & INTAKE S = 1 : 1000**

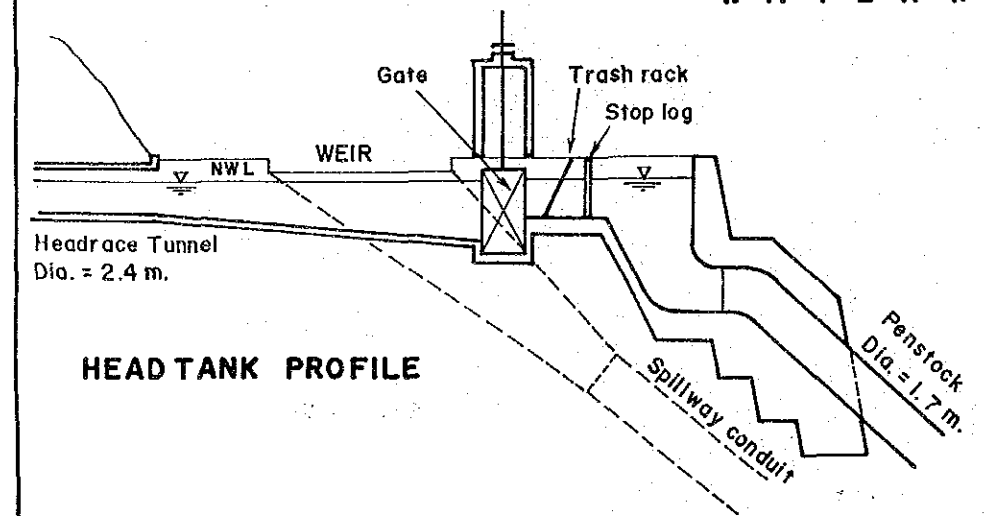


**WATERWAY PROFILE**

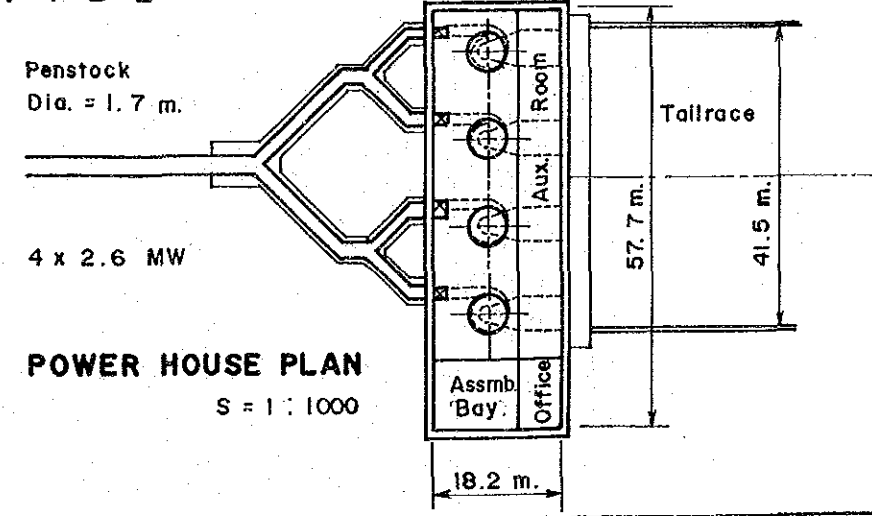


**INTAKE WEIR SECTION**

S = 1 : 500



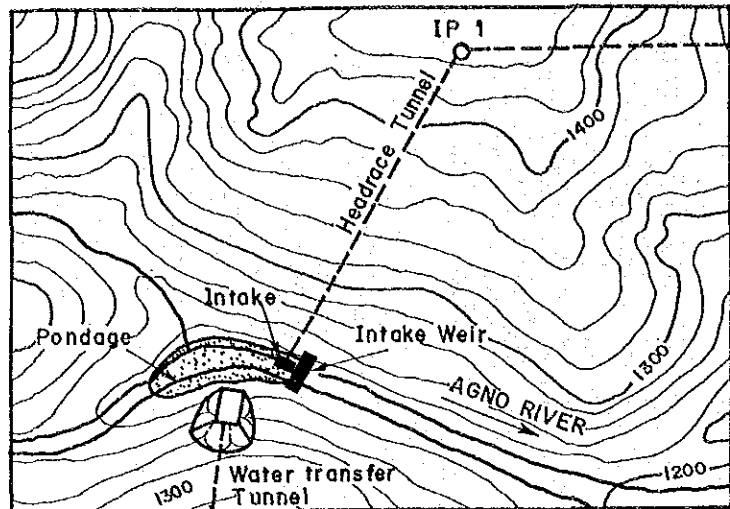
**HEAD TANK PROFILE**



**POWER HOUSE PLAN**

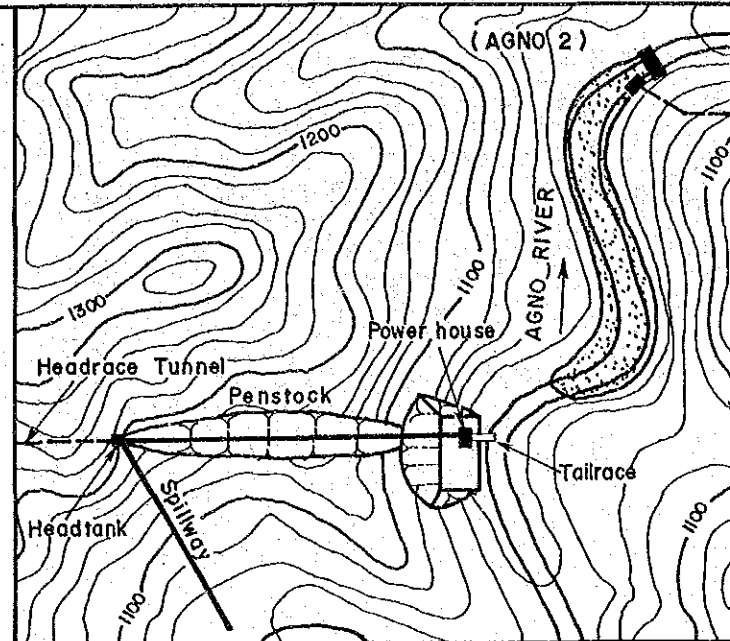
S = 1 : 1000

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



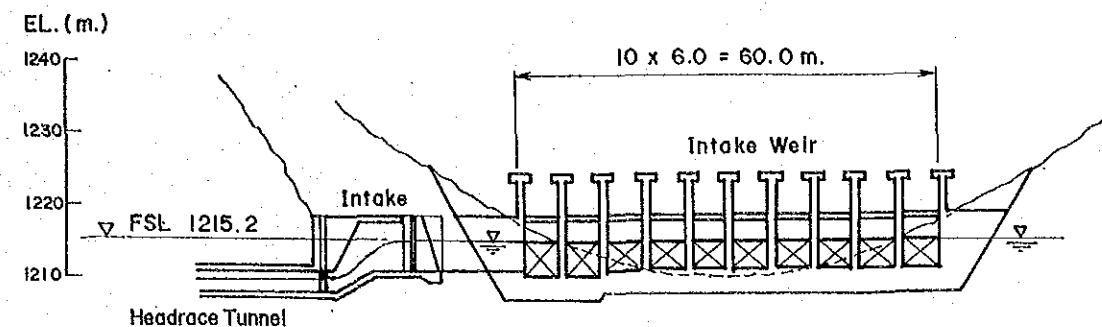
**INTAKE PLAN**

S = 1 : 10,000

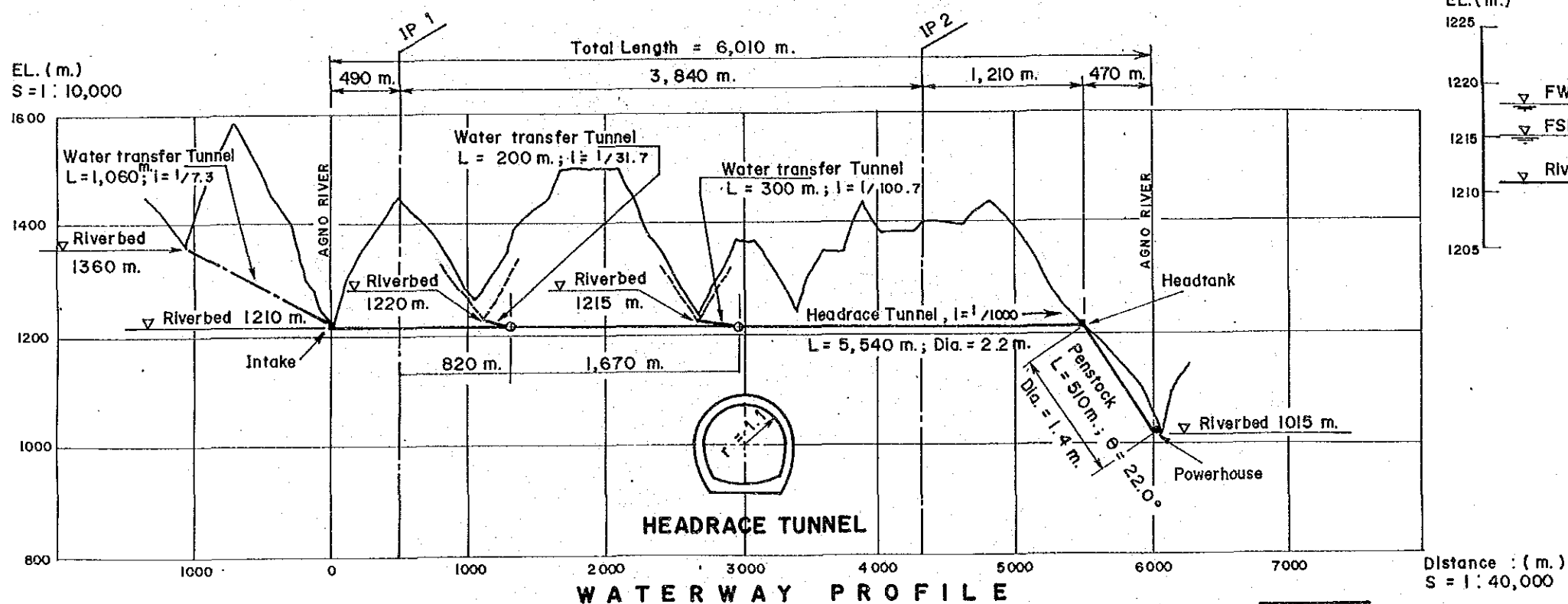


**POWER HOUSE PLAN**

S = 1 : 10,000

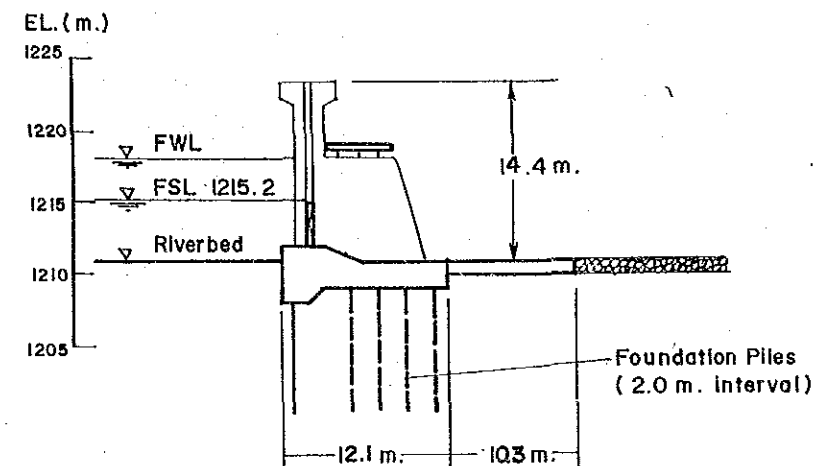


**WEIR & INTAKE S=1:1000**



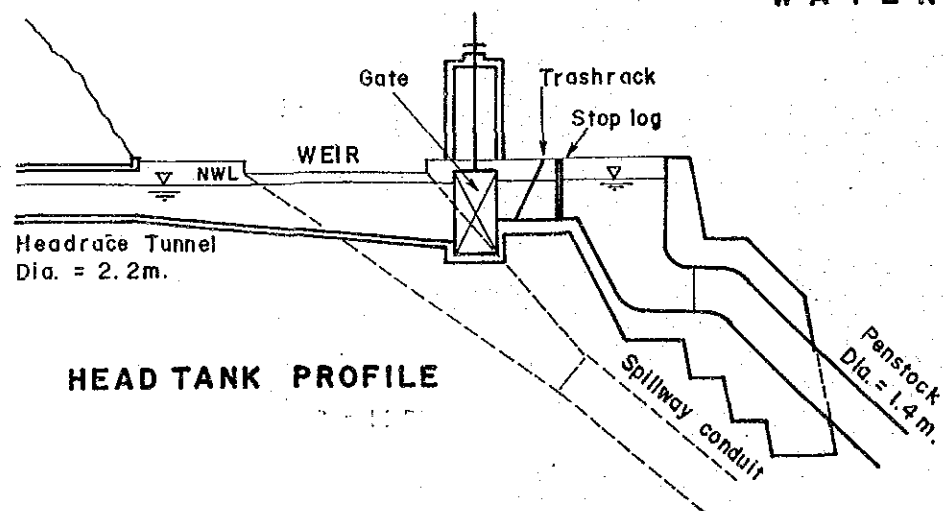
**WATERWAY PROFILE**

Distance : ( m. )  
S = 1 : 40,000

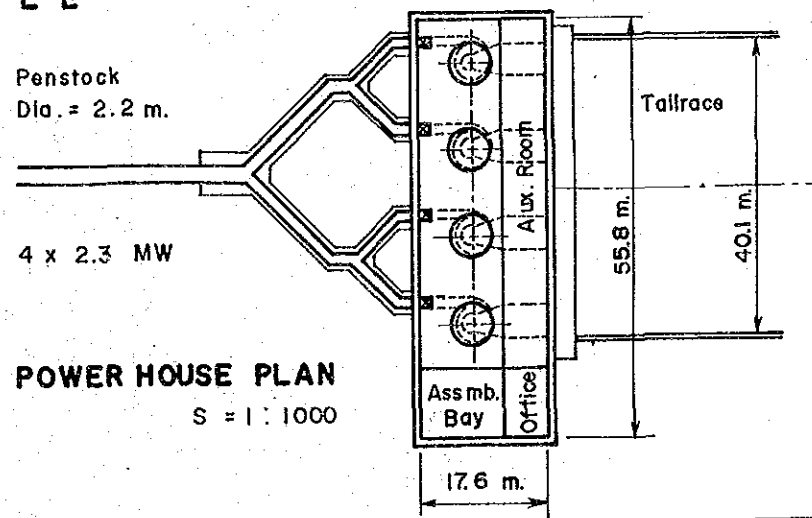


**INTAKE WEIR SECTION**

S = 1 : 500



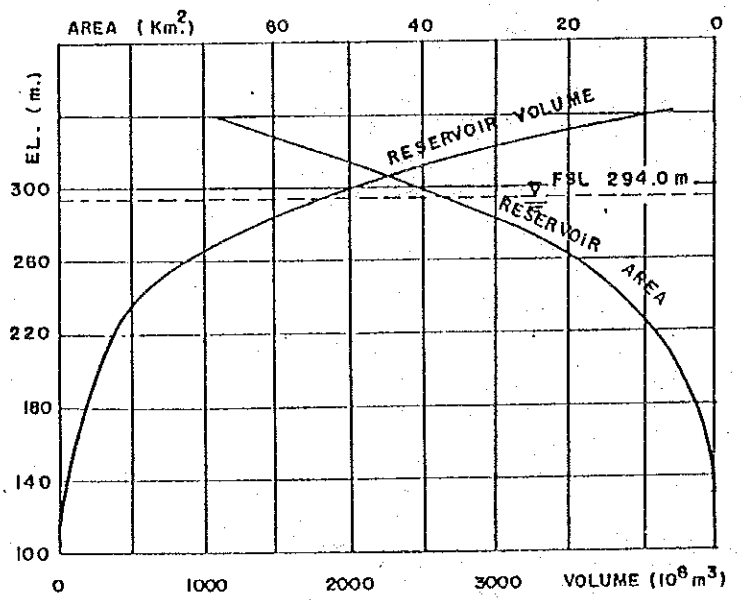
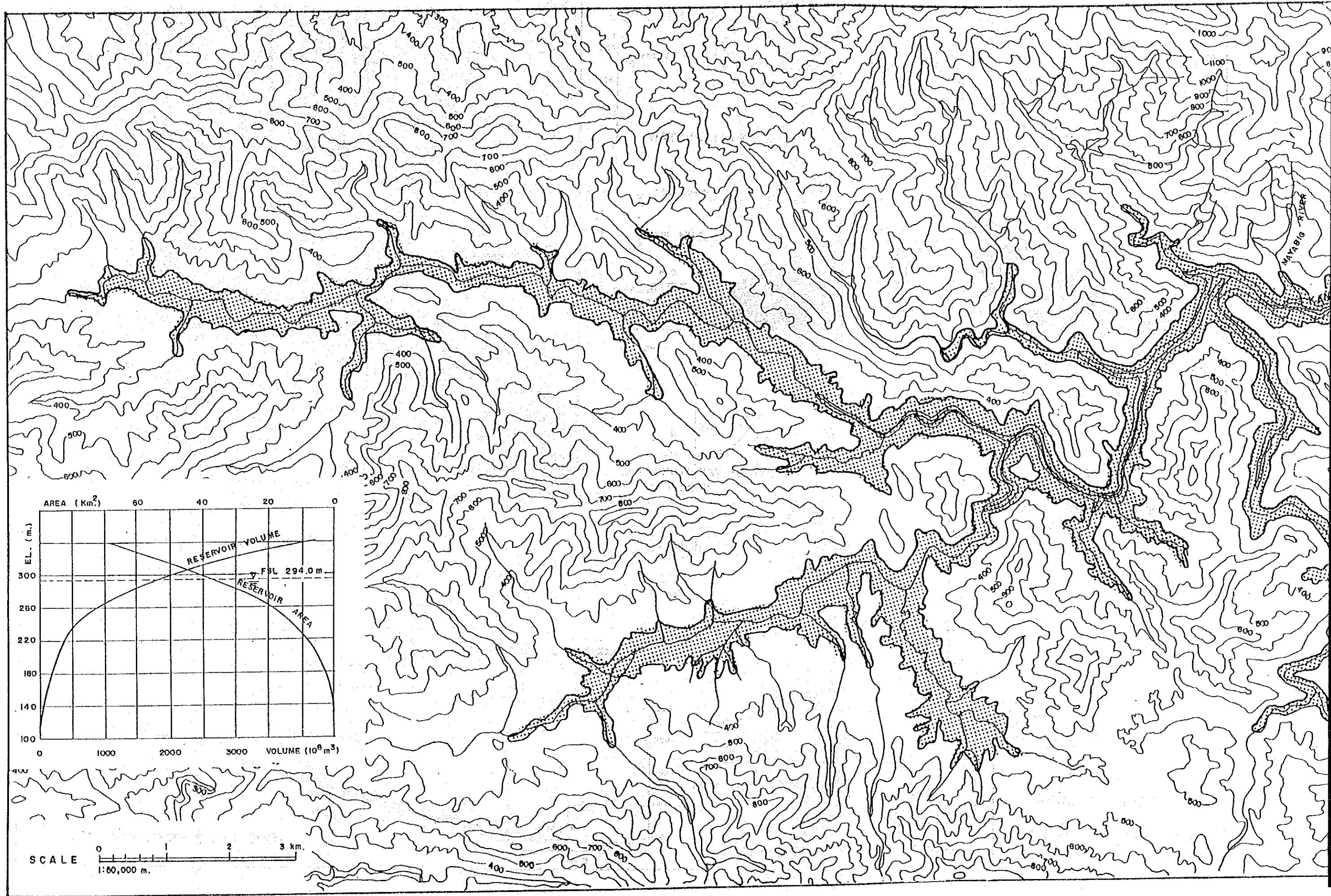
**HEAD TANK PROFILE**



**POWER HOUSE PLAN**

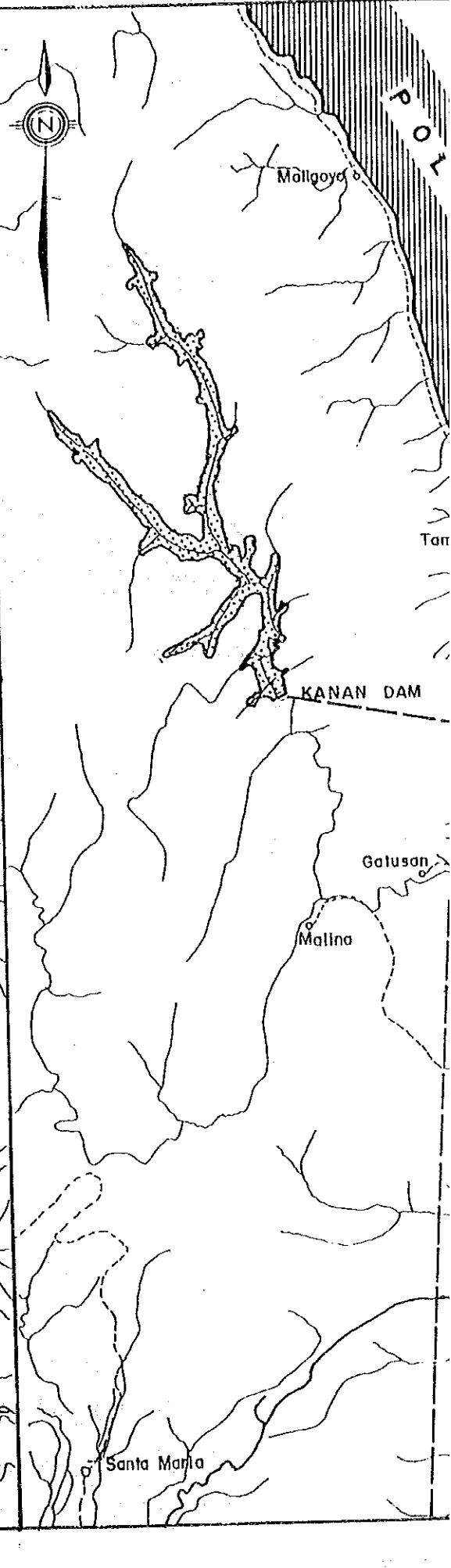
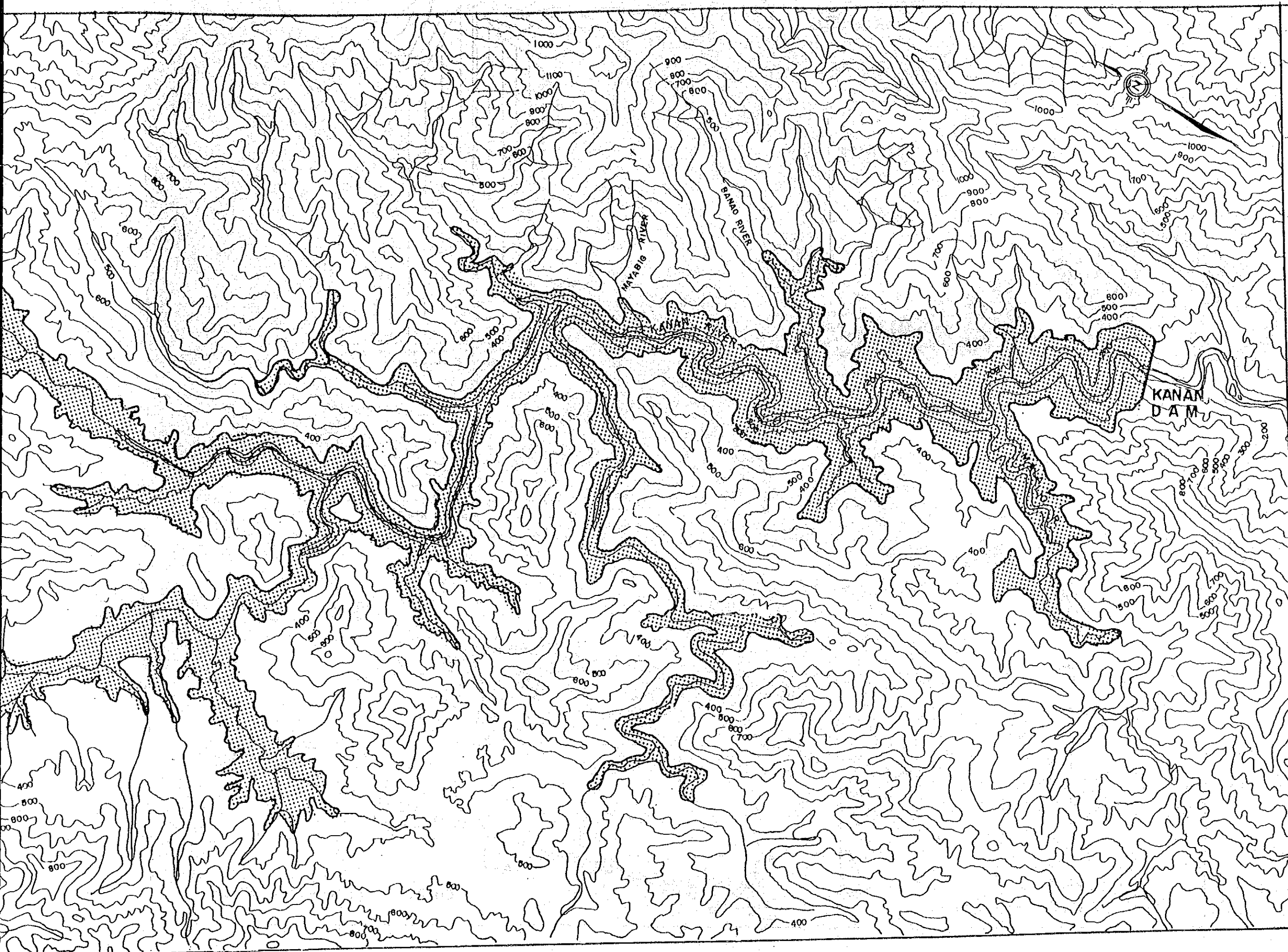
S = 1 : 1000

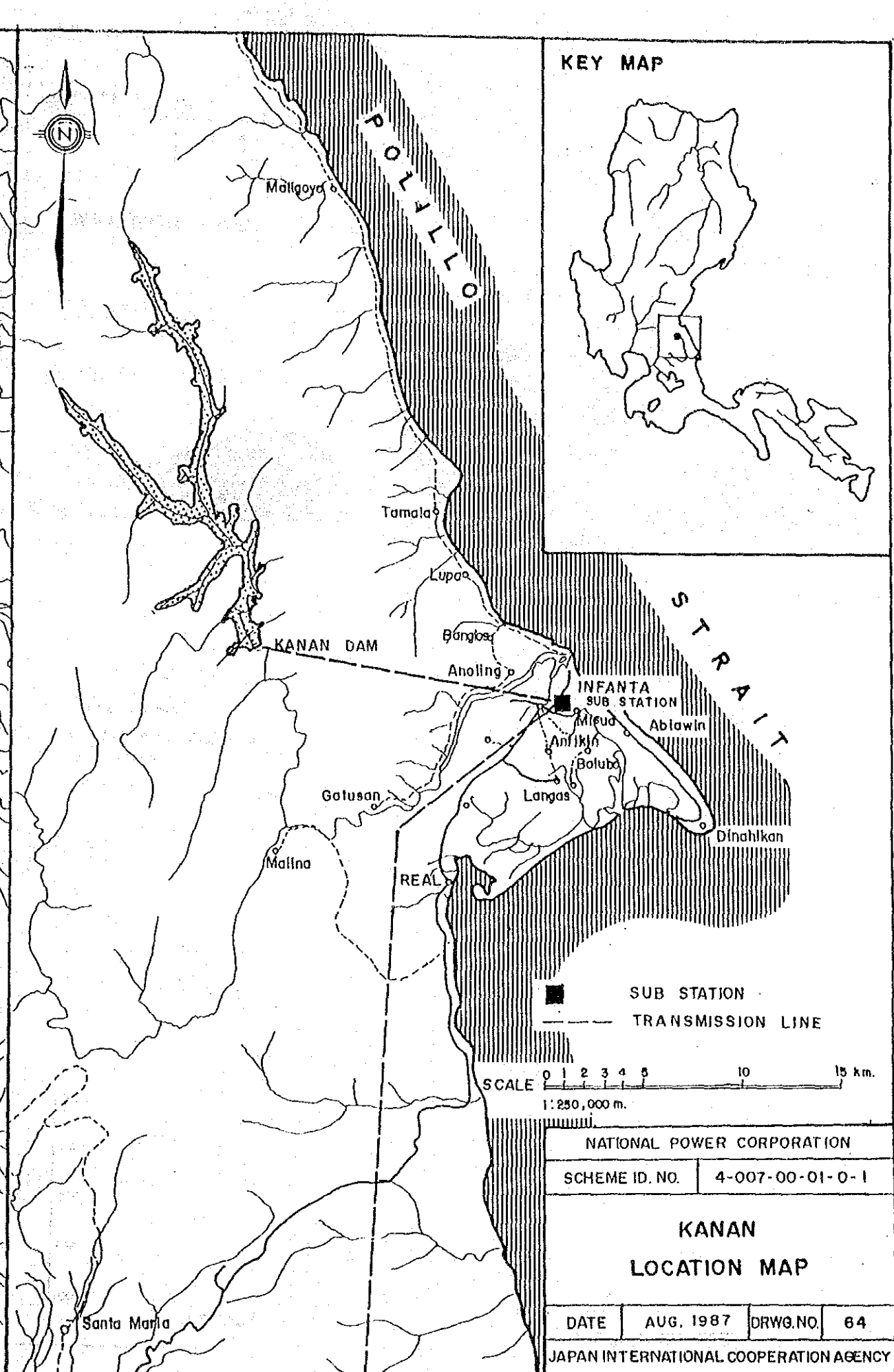
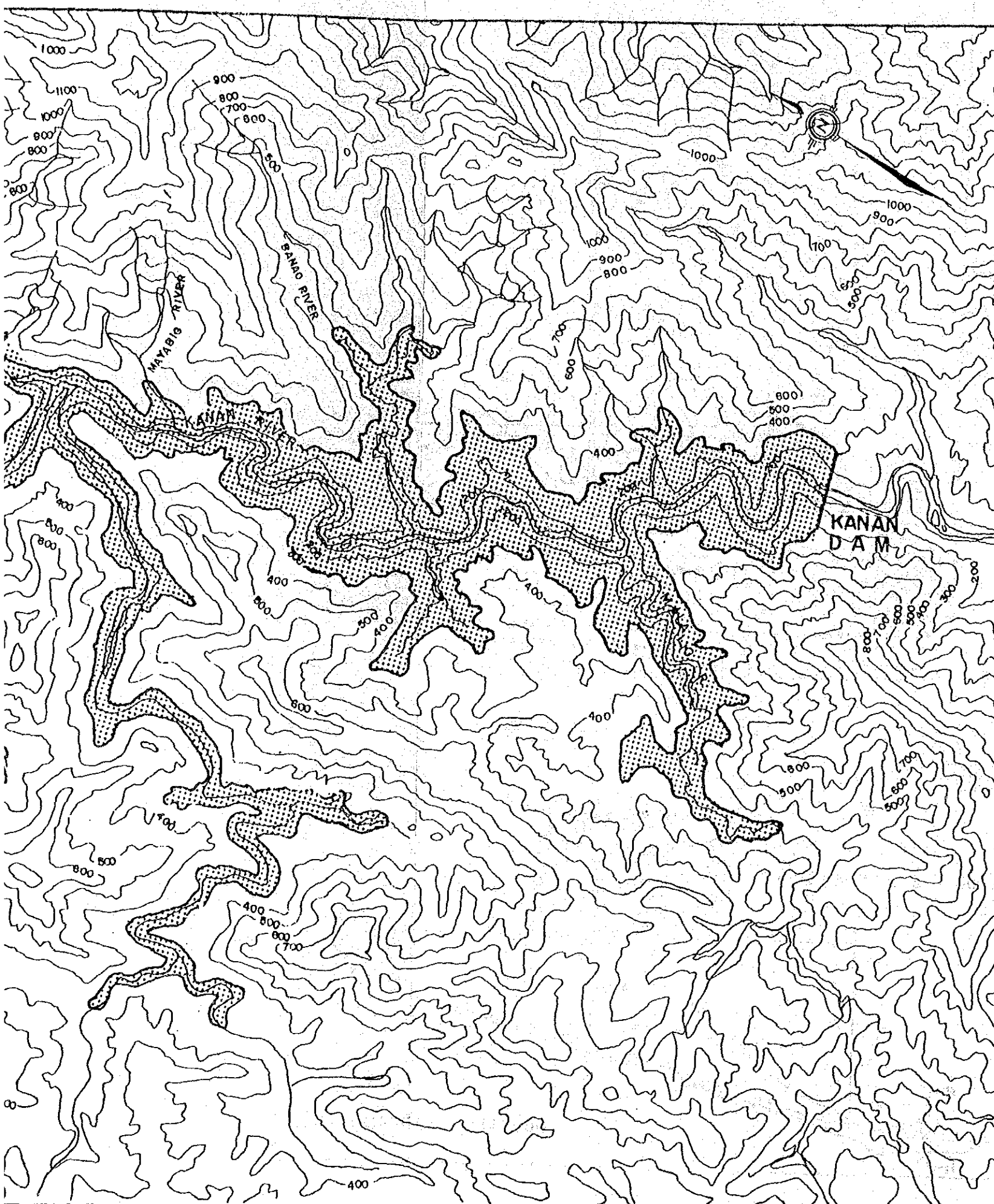
NATIONAL POWER CORPORATION			
SCHEME ID. NO.	3-077-00-07-0-2		
<b>AGNO-3 GENERAL LAYOUT</b>			
DATE	AUG. 1987	DRWG.NO.	63
JAPAN INTERNATIONAL COOPERATION AGENCY			

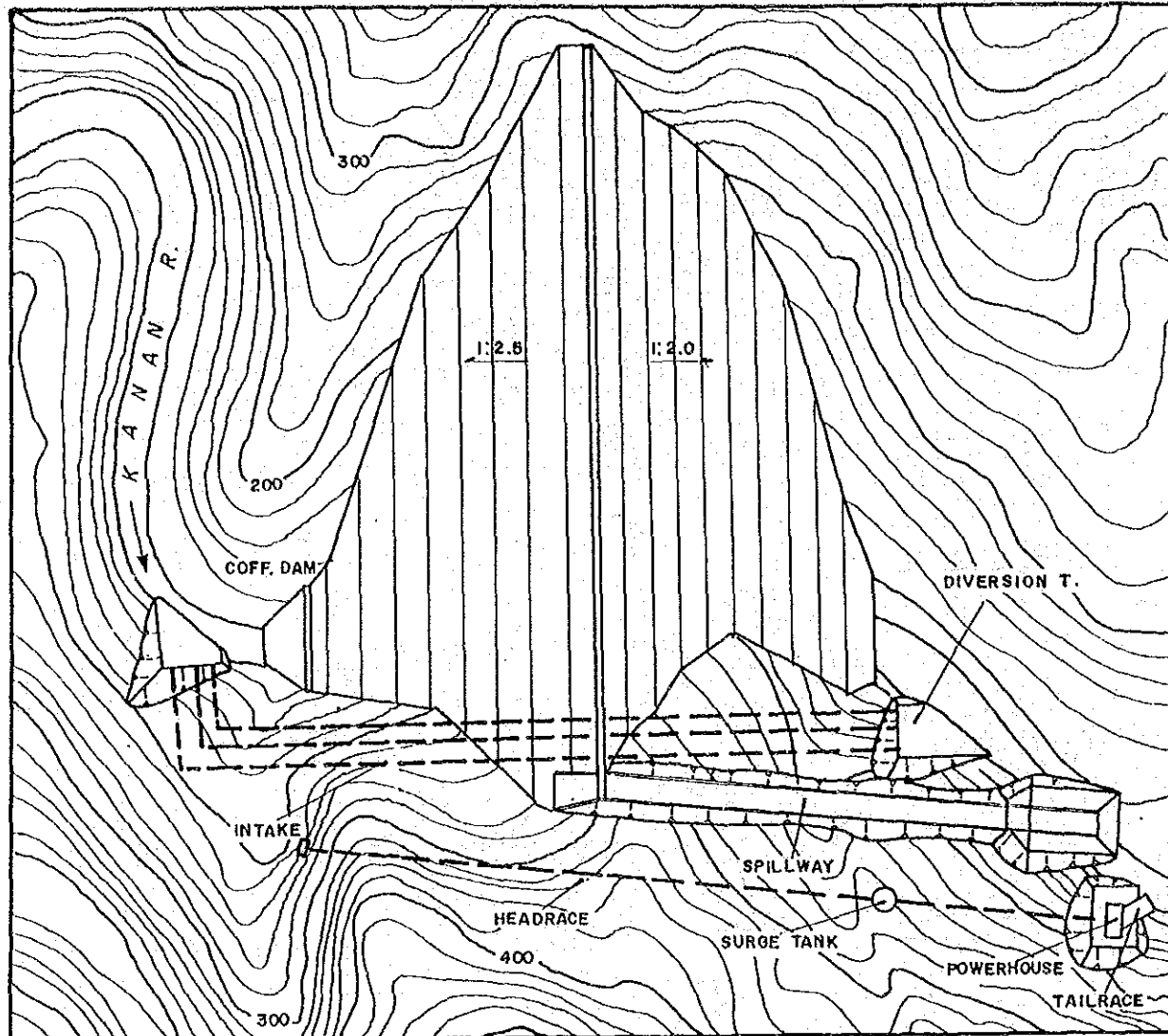


SCALE 0 1 2 3 km.  
1:60,000 m.

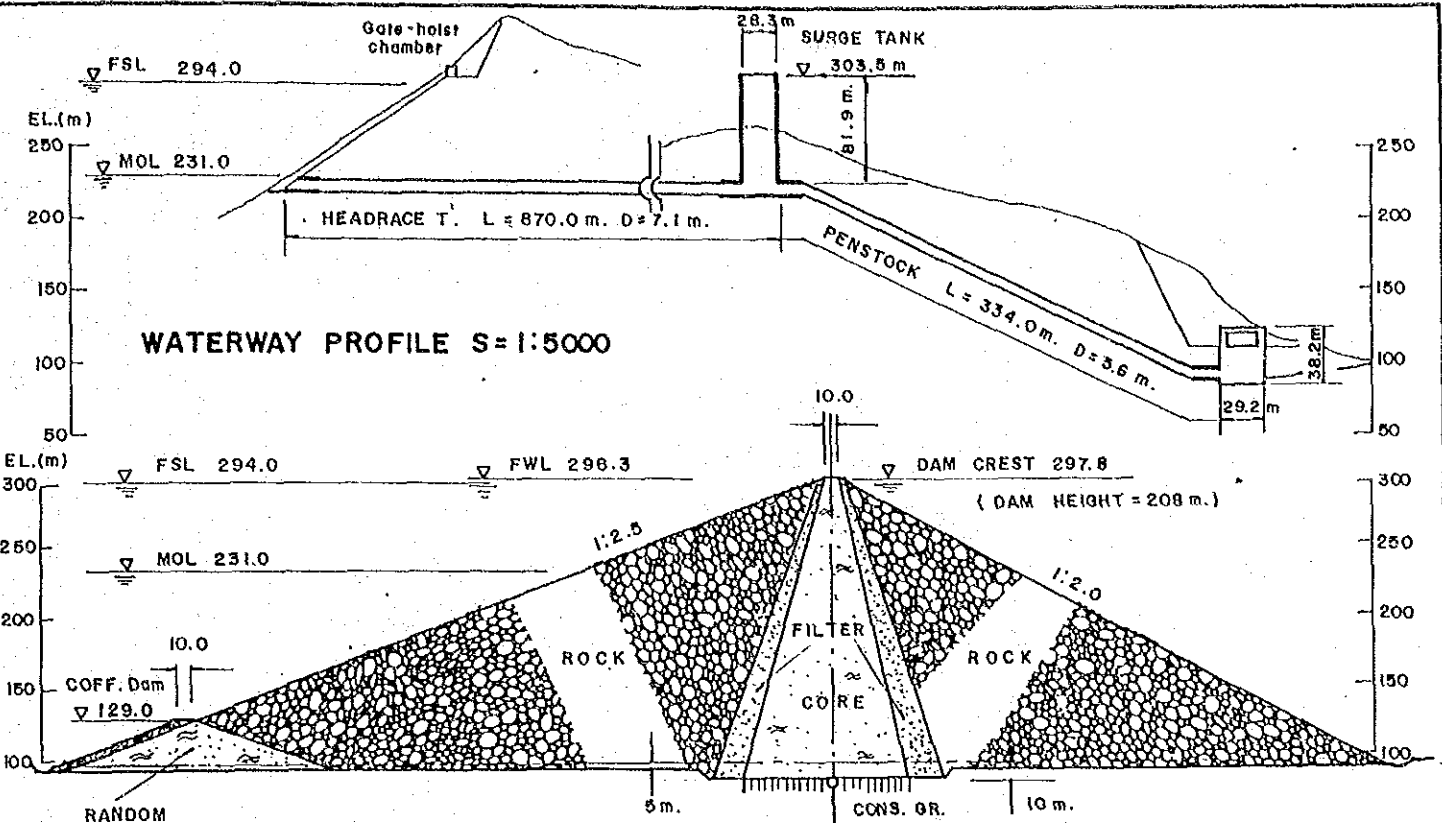








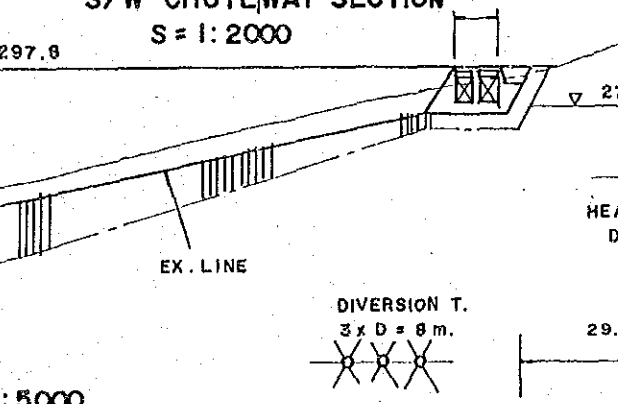
DAM PLAN S=1000



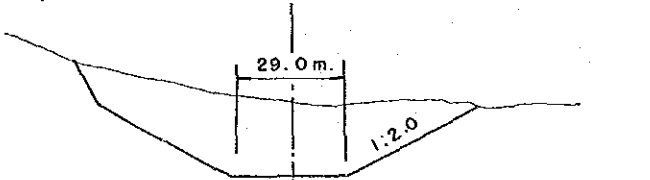
WATERWAY PROFILE S=1:5000



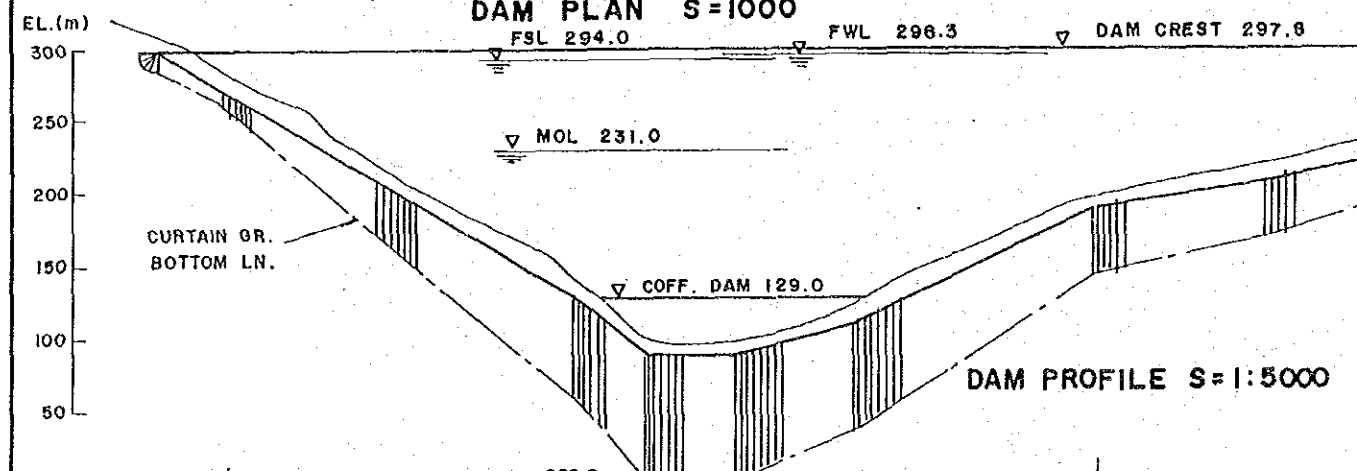
DAM SECTION S=1:5000



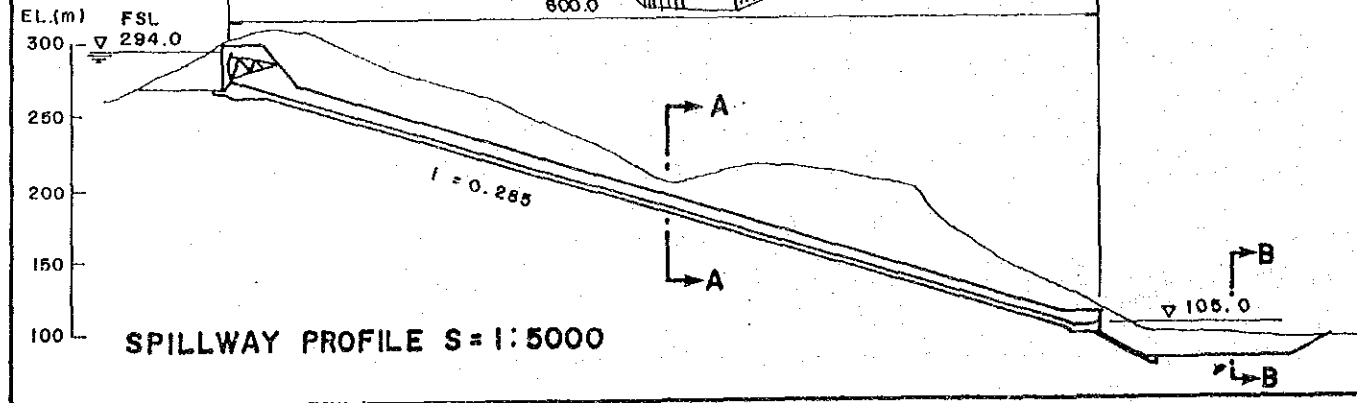
S/W CHUTEWAY SECTION S=1:2000



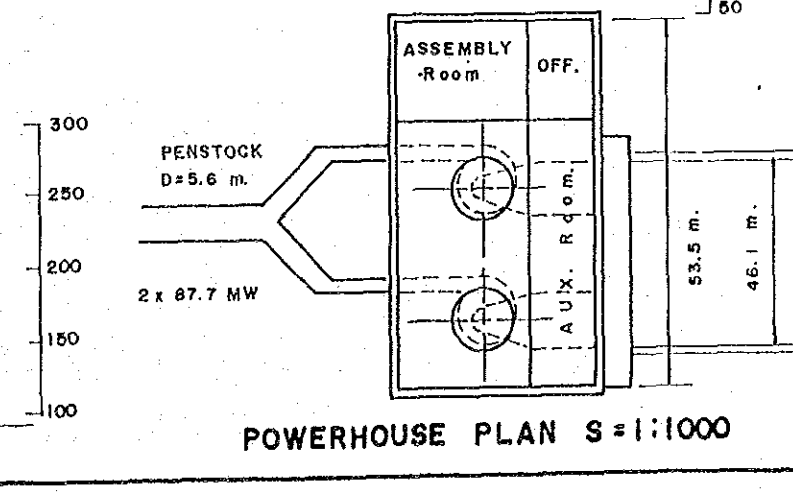
PLUNGE POOL SECTION S=1:2000



DAM PROFILE S=1:5000



SPILLWAY PROFILE S=1:5000



POWERHOUSE PLAN S=1:1000

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