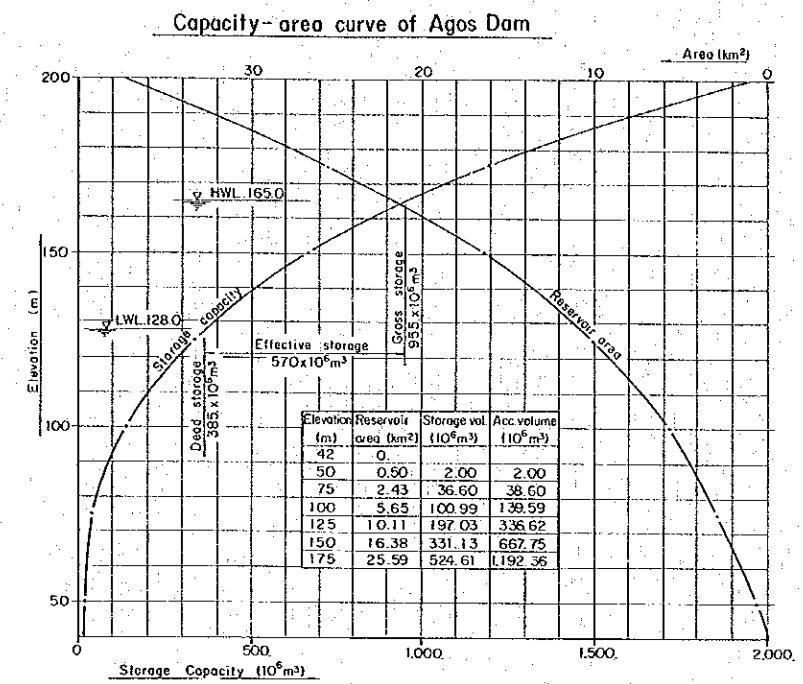
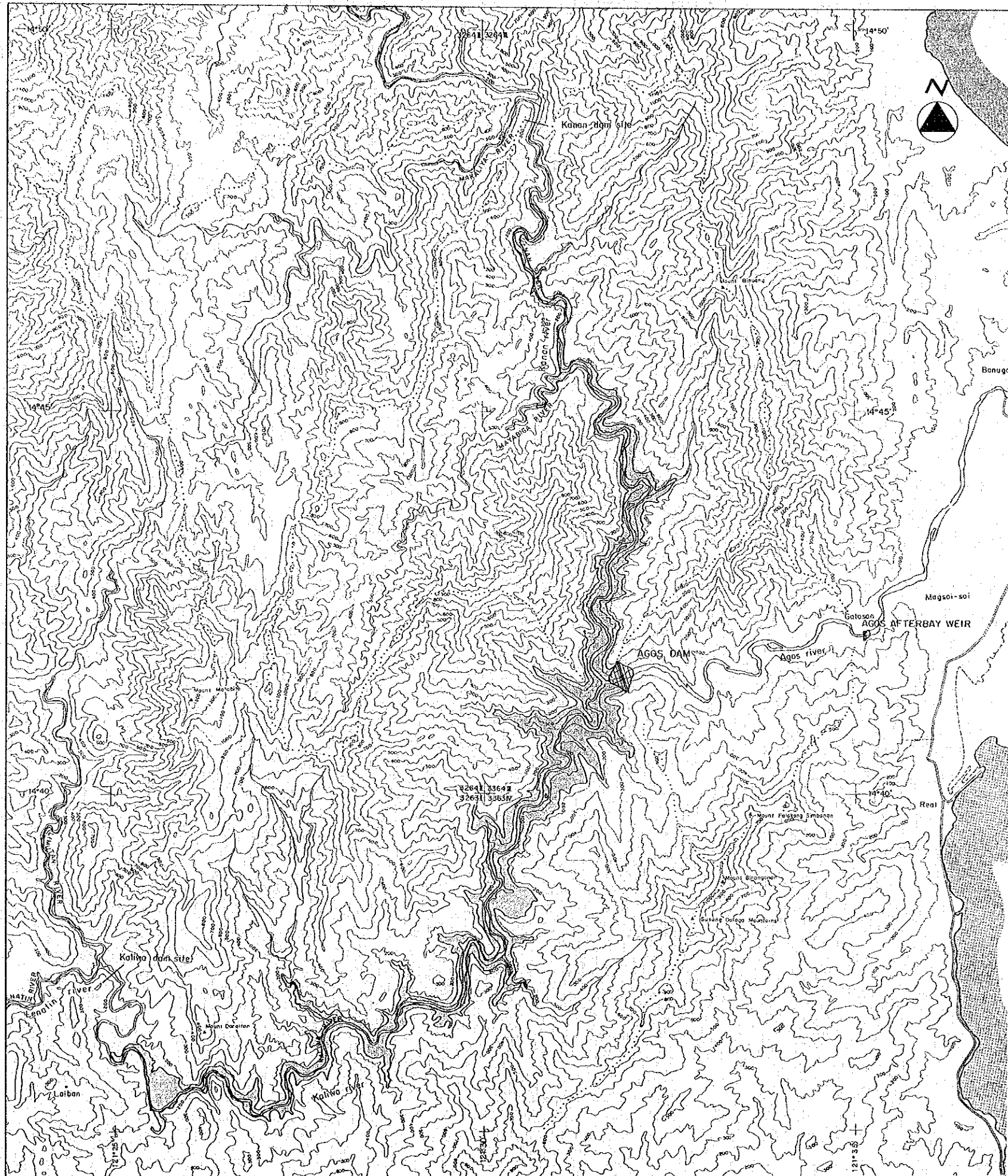


図面 4 アゴスダムサイト地質図

REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION			
AGOS HYDROELECTRIC PROJECT			
GEOLOGICAL MAP OF THE AGOS DAMSITE			
DATE	DEC. 1980	DWG. NO.	4
JAPAN INTERNATIONAL COOPERATION AGENCY			

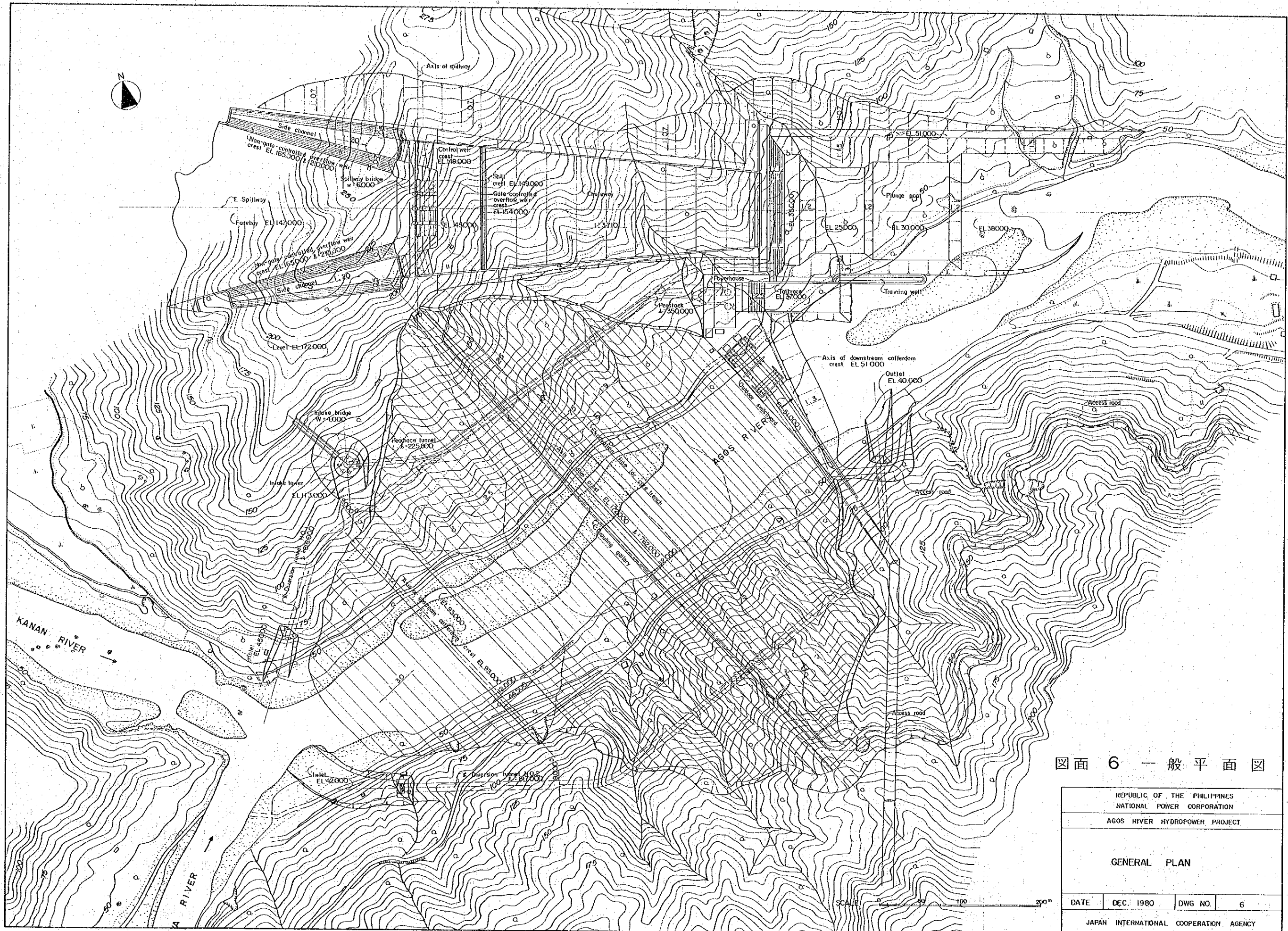


Reservoir Area based on NPC and PICOREM'S 1:5,000 map.

図面 5 貯水池

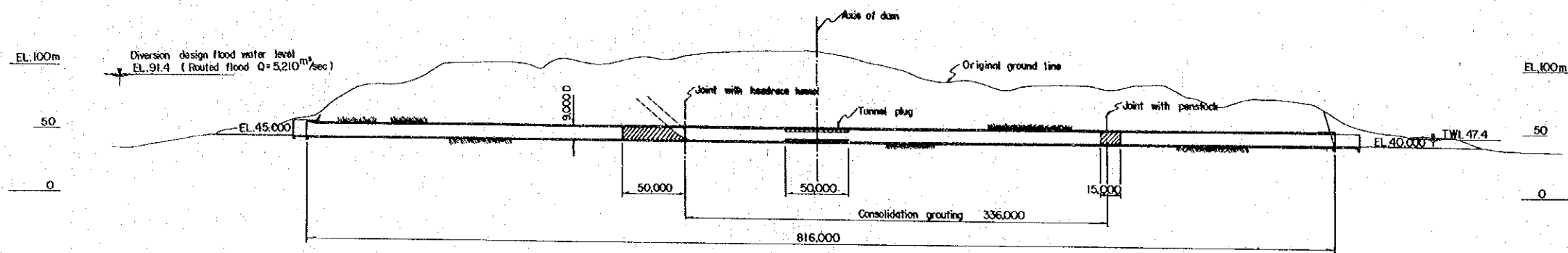
SCALE 0 1 2 3 4 5 km

REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION			
AGOS RIVER HYDROPOWER PROJECT			
RESERVOIR AREA			
DATE	DEC. 1980	DWG. NO.	5
JAPAN INTERNATIONAL COOPERATION AGENCY			

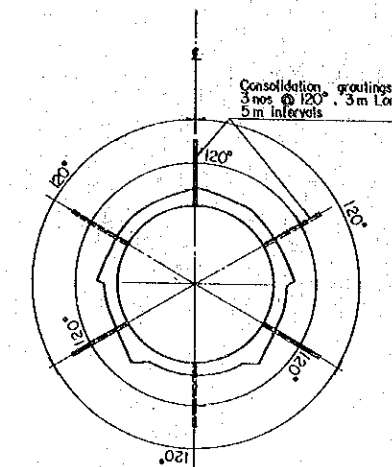


図面 6 一般平面図

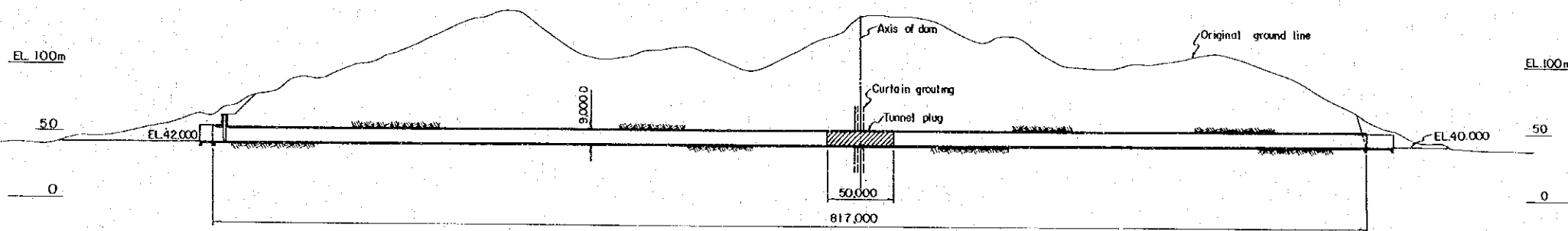
REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION			
AGOS RIVER HYDROPOWER PROJECT			
GENERAL PLAN			
DATE	DEC. 1980	DWG. NO.	6
JAPAN INTERNATIONAL COOPERATION AGENCY			



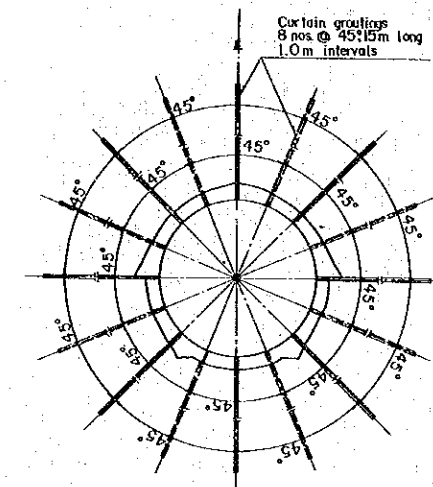
DIVERSION TUNNEL No.1 (used for Waterway)
SCALE A



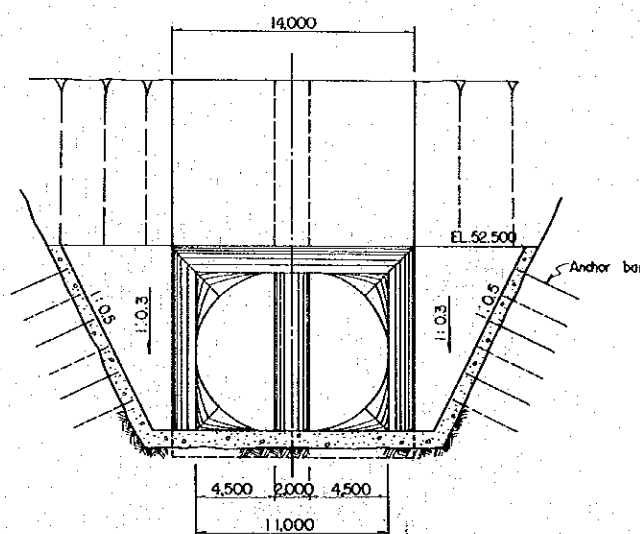
ARRANGEMENT OF CONSOLIDATION GROUT HOLE
SCALE B



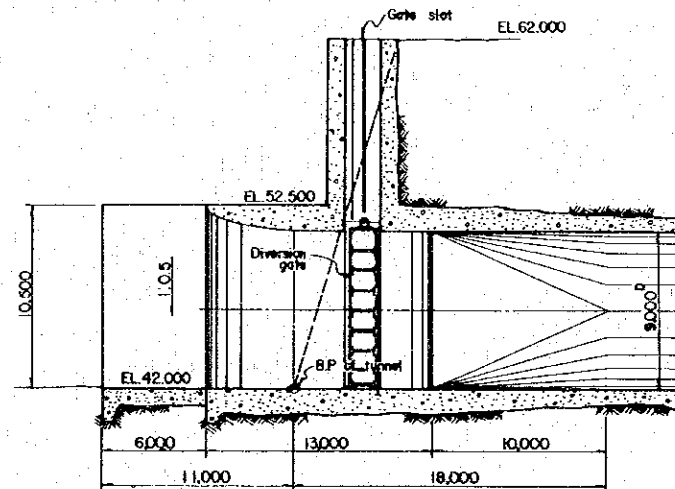
DIVERSION TUNNEL No. 2
SCALE A



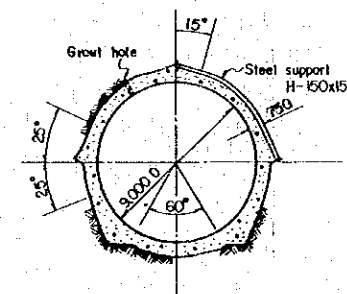
ARRANGEMENT OF CURTAIN GROUT HOLE
SCALE B



FRONT ELEVATION OF DIVERSION INLET
SCALE B

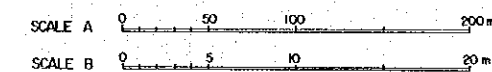


PROFILE OF DIVERSION INLET
SCALE B

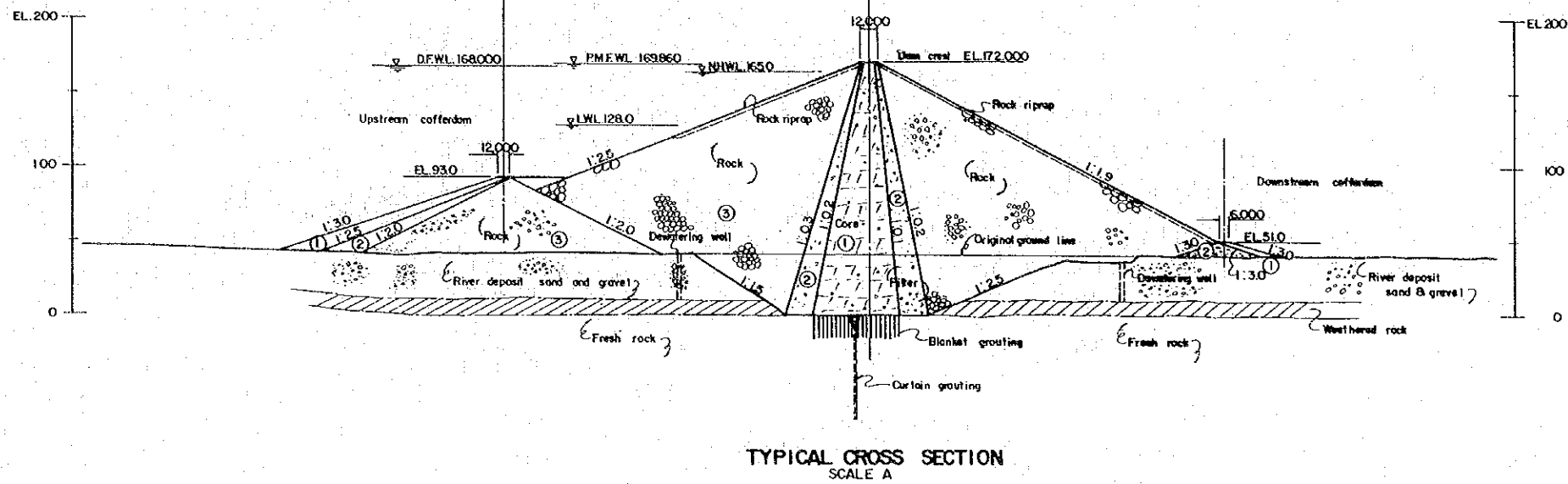


TYPICAL CROSS SECTION OF DIVERSION TUNNEL
SCALE B

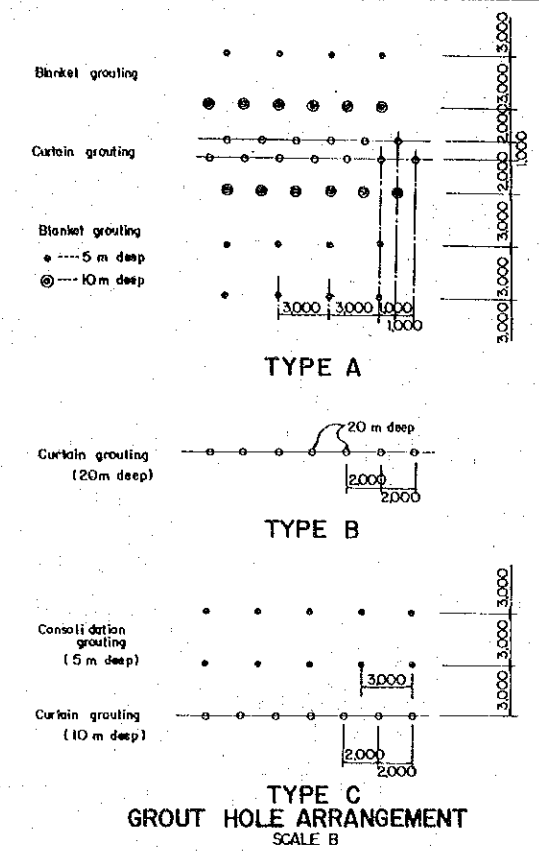
図面 7 仮排水路



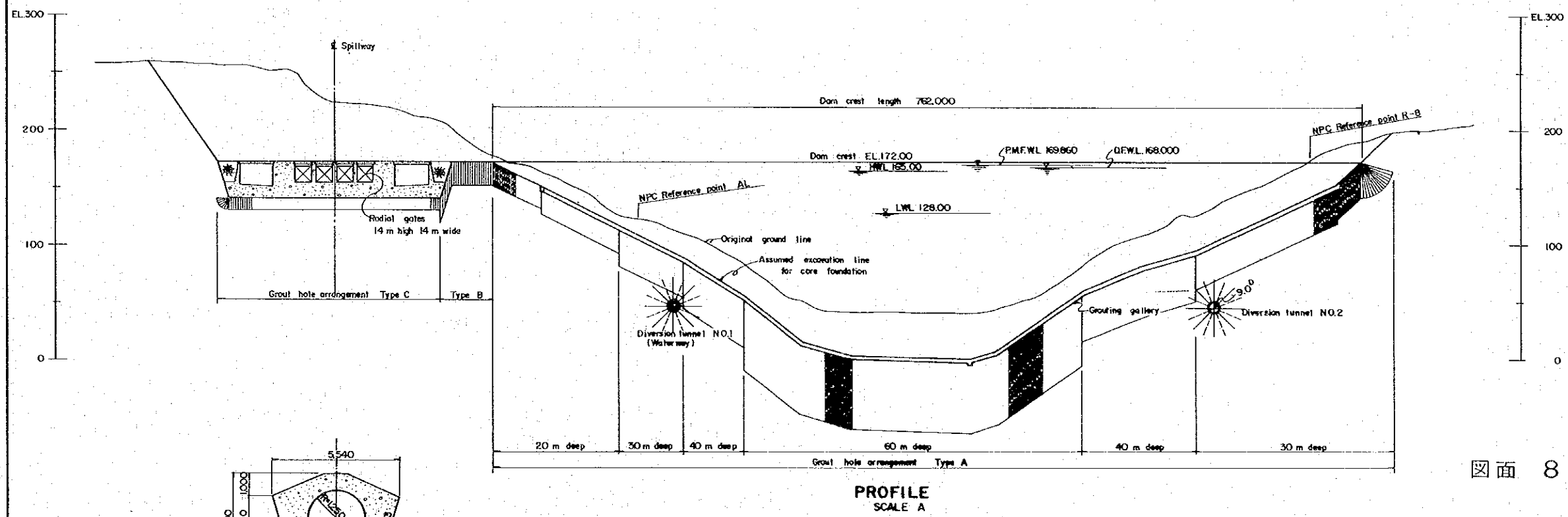
REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION			
AGOS RIVER HYDROPOWER PROJECT			
DIVERSION TUNNELS			
DATE	DEC. 1980	DWG NO.	7
JAPAN INTERNATIONAL COOPERATION AGENCY			



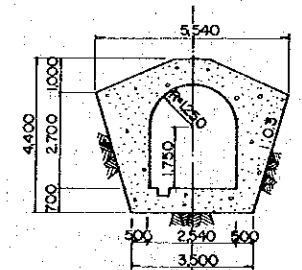
TYPICAL CROSS SECTION
SCALE A



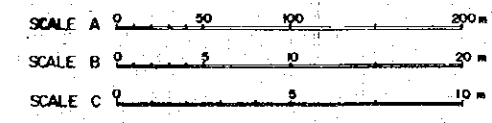
TYPE C
GROUT HOLE ARRANGEMENT
SCALE B



PROFILE
SCALE A

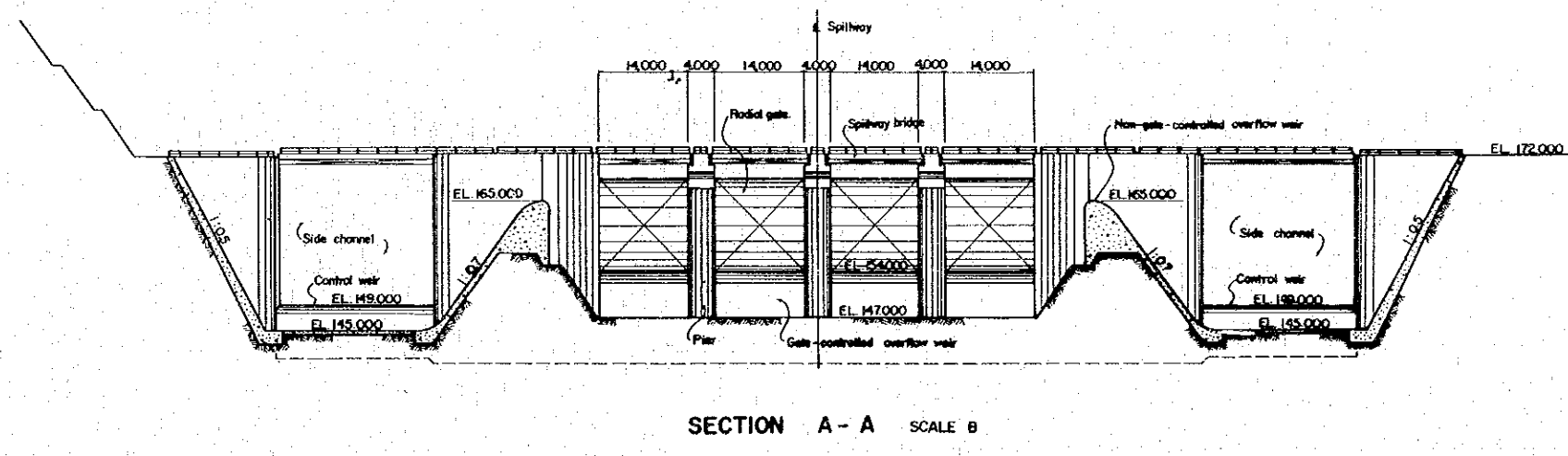
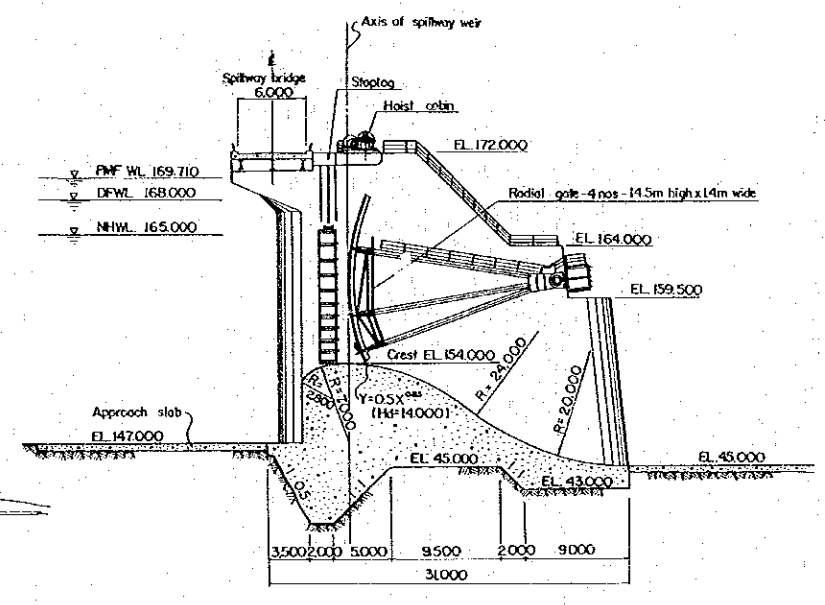
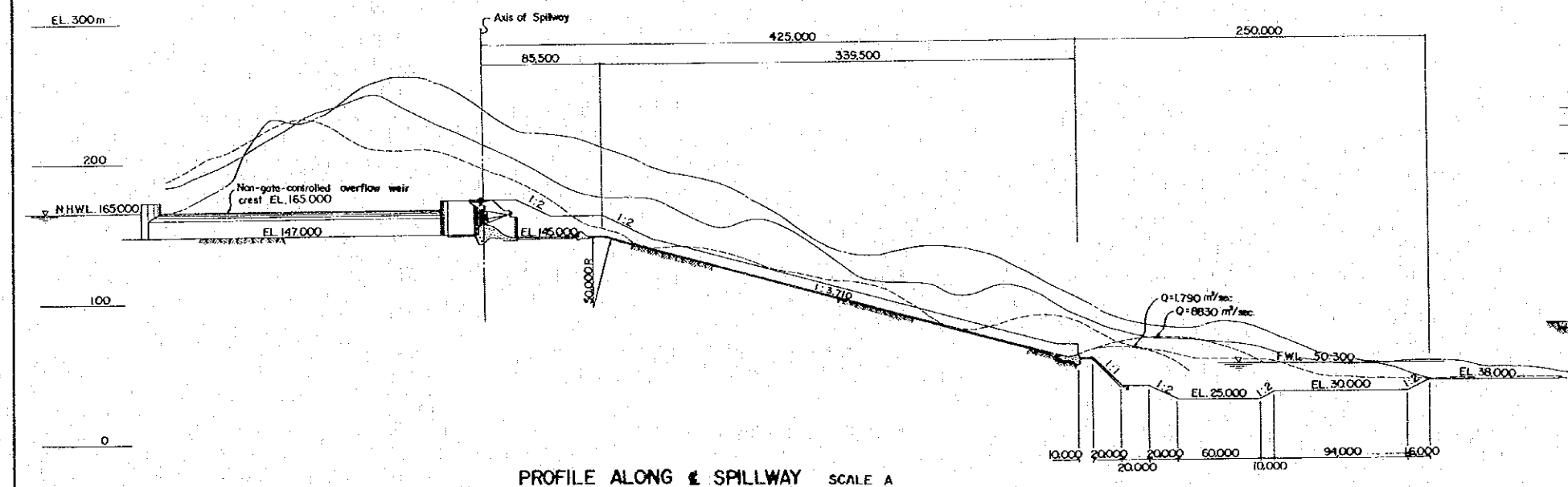
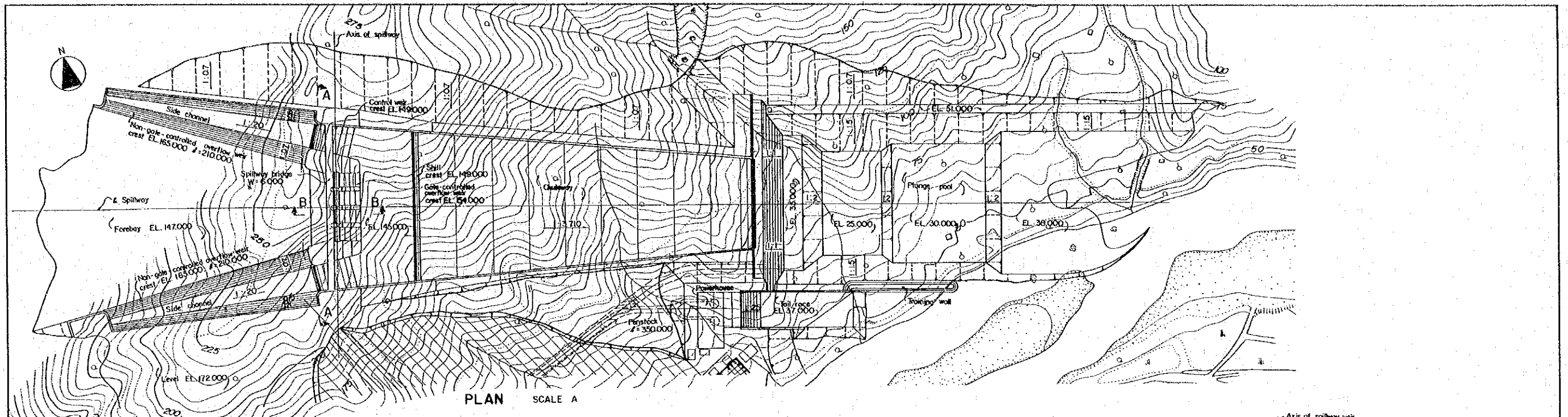


TYPICAL SECTION OF GROUTING GALLERY
SCALE C

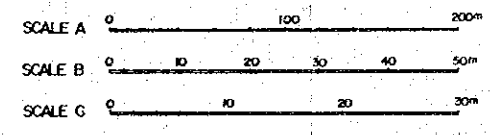


図面 8 夕

REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION			
AGOS RIVER HYDROPOWER PROJECT			
DAM			
DATE	DEC. 1980	DWG NO.	8
JAPAN INTERNATIONAL COOPERATION AGENCY			

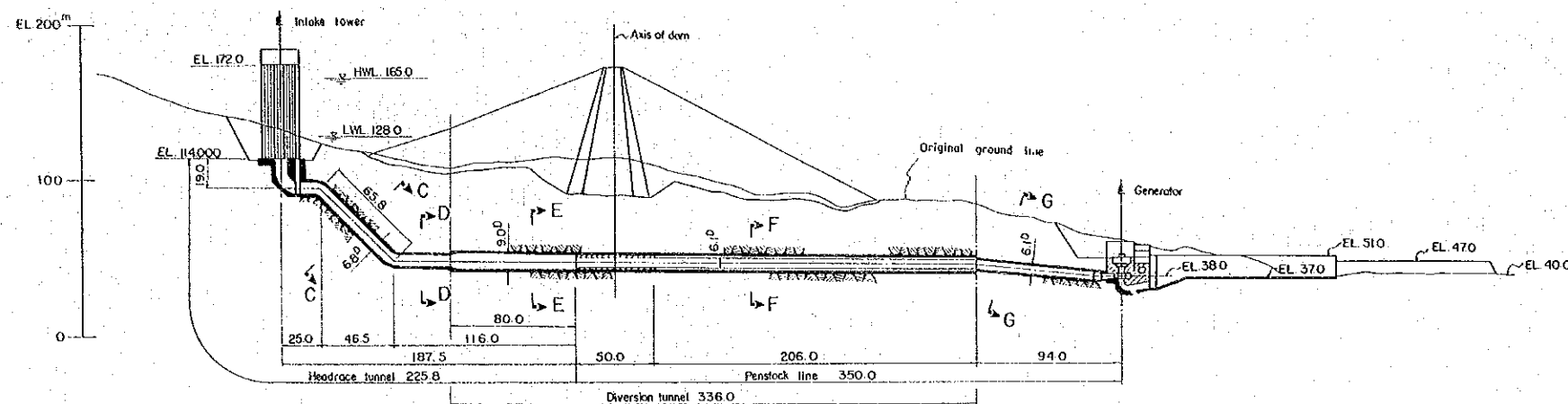


- NOTE :
1. Peak discharge of P.M.F. = 17,300 m³/sec.
 2. Spillway design discharge = 10,600 m³/sec.
 3. 200-year flood = 8,830 m³/sec.
 4. 2-year flood = 1,790 m³/sec.

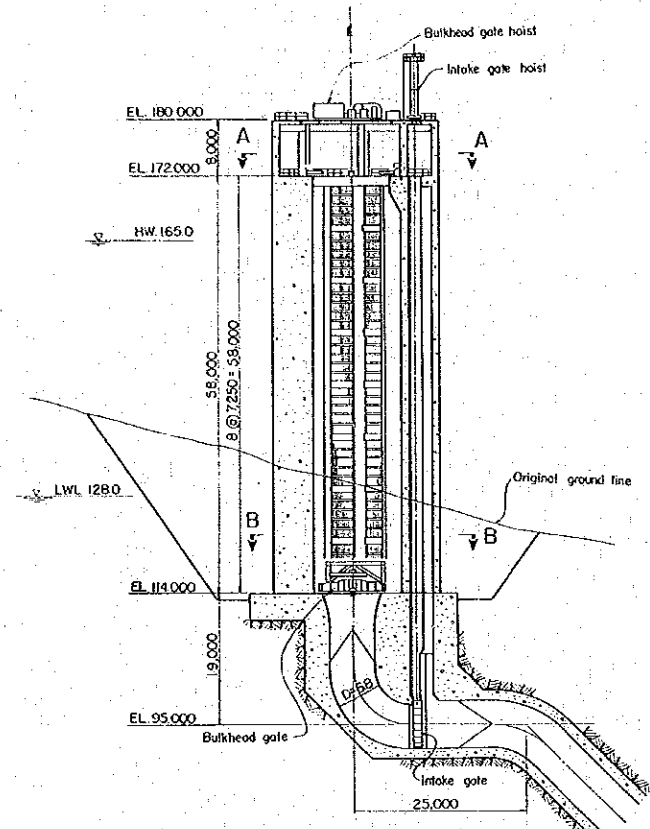


図面 9 余 水 吐

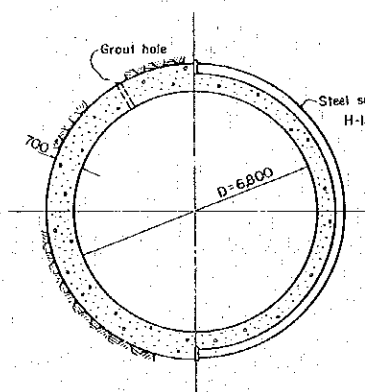
REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION			
AGOS RIVER HYDROPOWER PROJECT			
SPILLWAY			
DATE	DEC. 1980	DWG NO.	9
JAPAN INTERNATIONAL COOPERATION AGENCY			



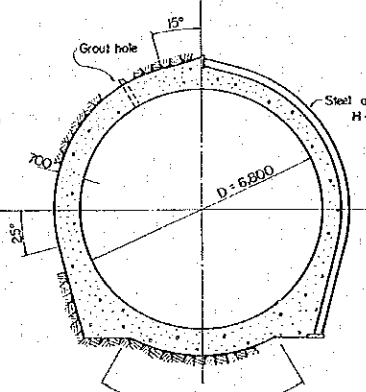
PROFILE OF WATERWAY SCALE A



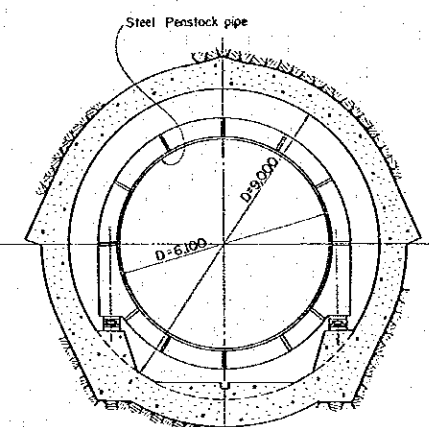
DETAIL OF INTAKE TOWER SCALE B



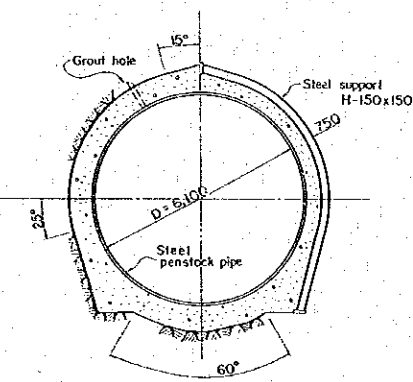
SECTION C-C SCALE C



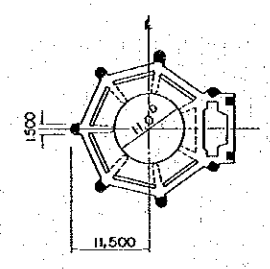
SECTION D-D SCALE C



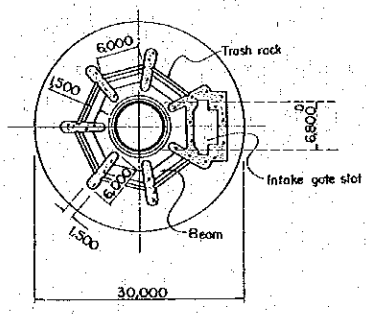
SECTION F-F SCALE C



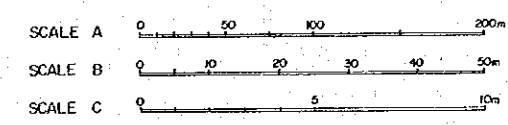
SECTION G-G SCALE C



SECTION A-A SCALE B



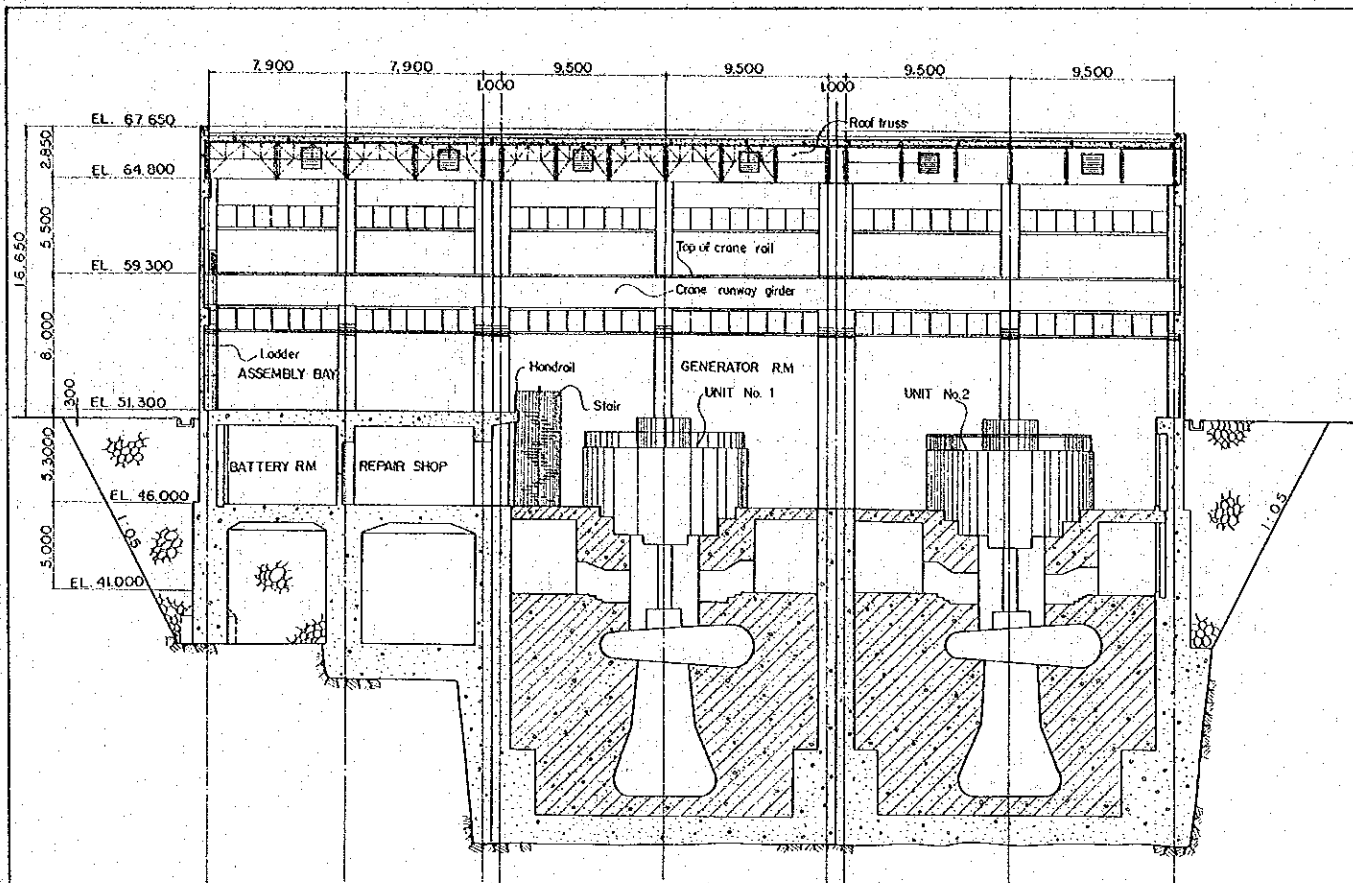
SECTION B-B SCALE B



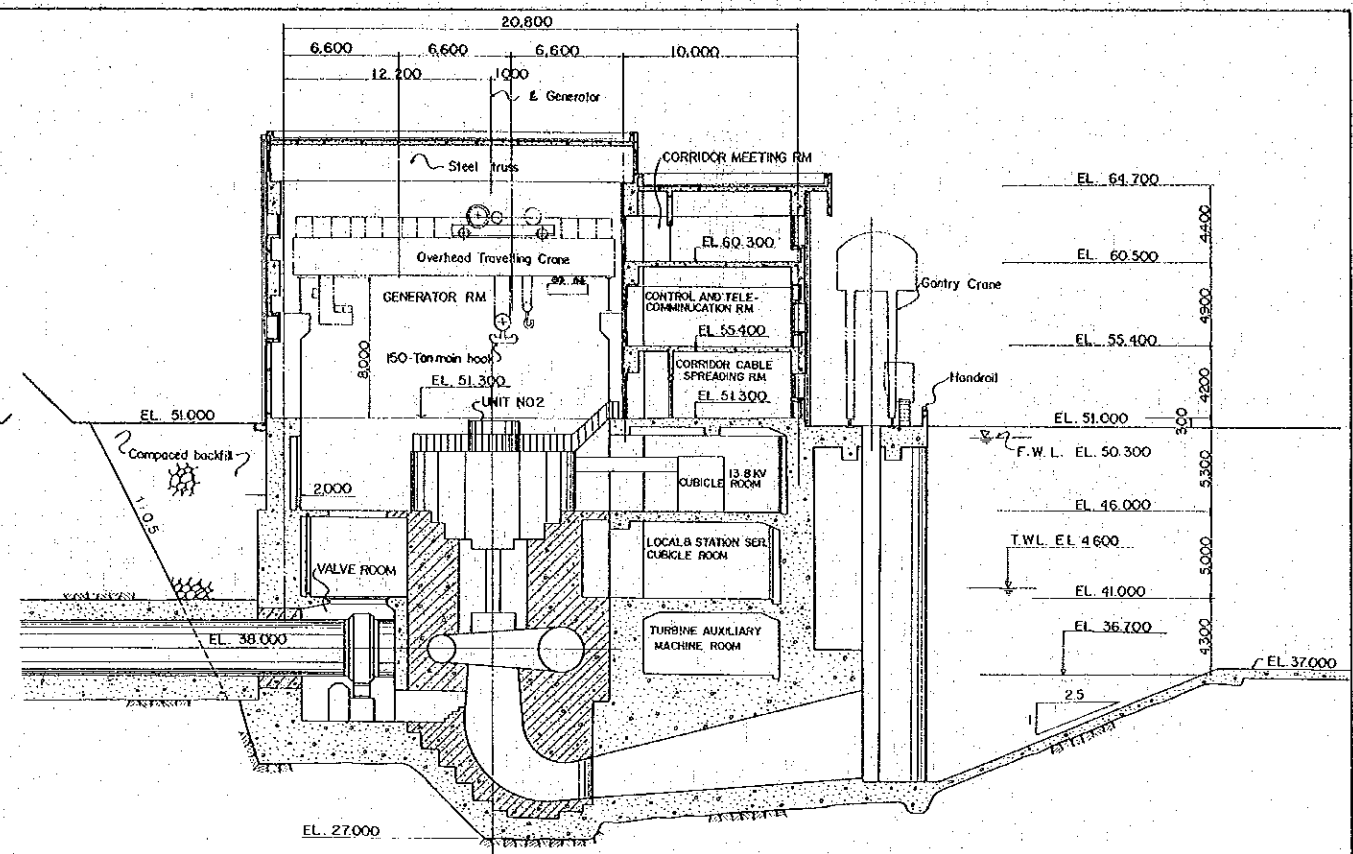
Section E-E refer to Dwg. No. 7

図面 10 取水口及び発電水路

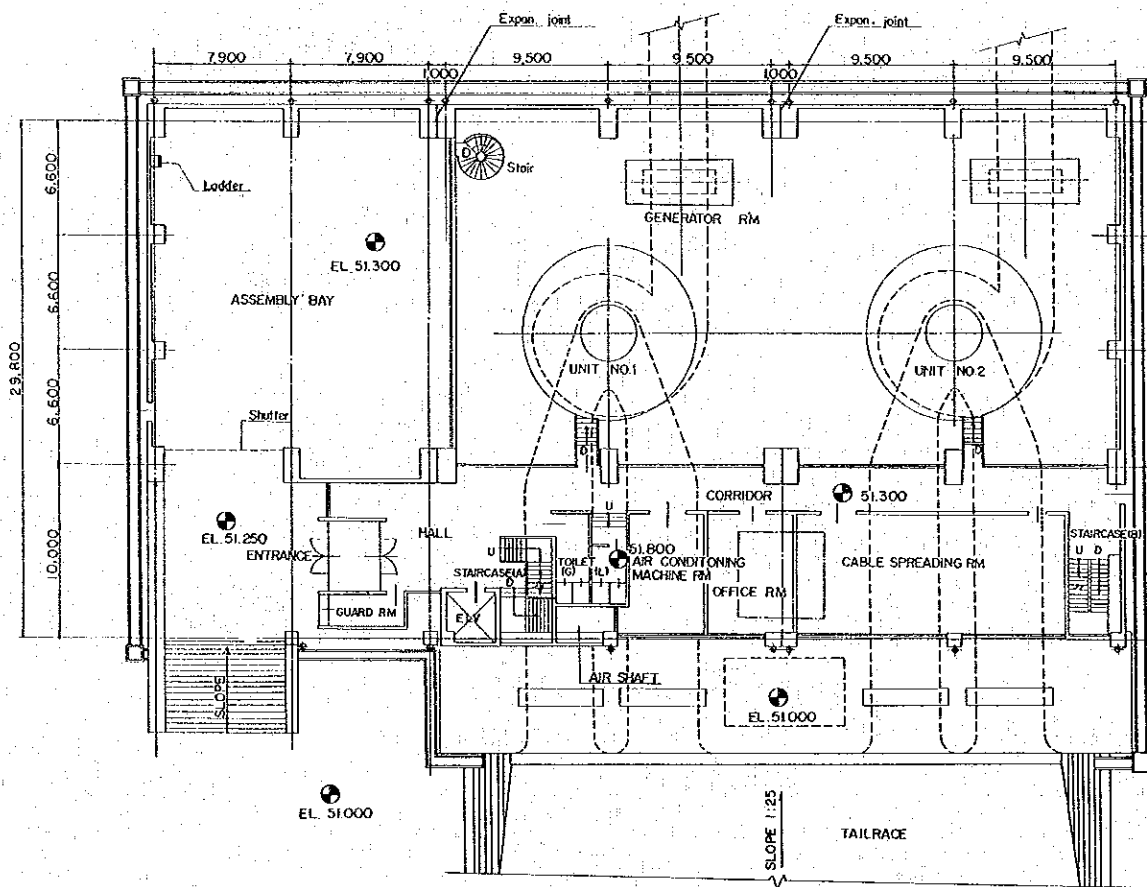
REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION			
AGOS RIVER HYDROPOWER PROJECT			
INTAKE TOWER AND WATERWAY			
DATE	DEC. 1980	DWG. NO.	10
JAPAN INTERNATIONAL COOPERATION AGENCY			



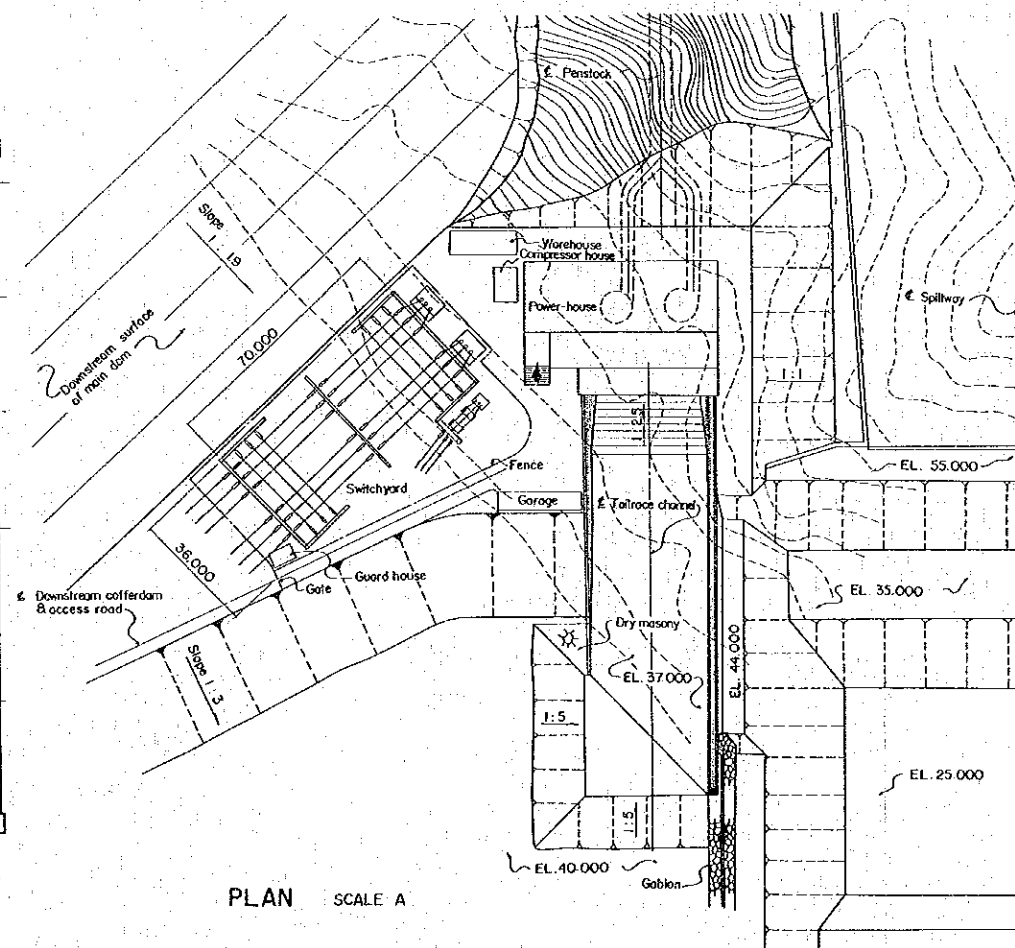
LONGITUDINAL SECTION SCALE B



TRANSVERSAL SECTION SCALE B



EL. 51.300 PLAN SCALE B

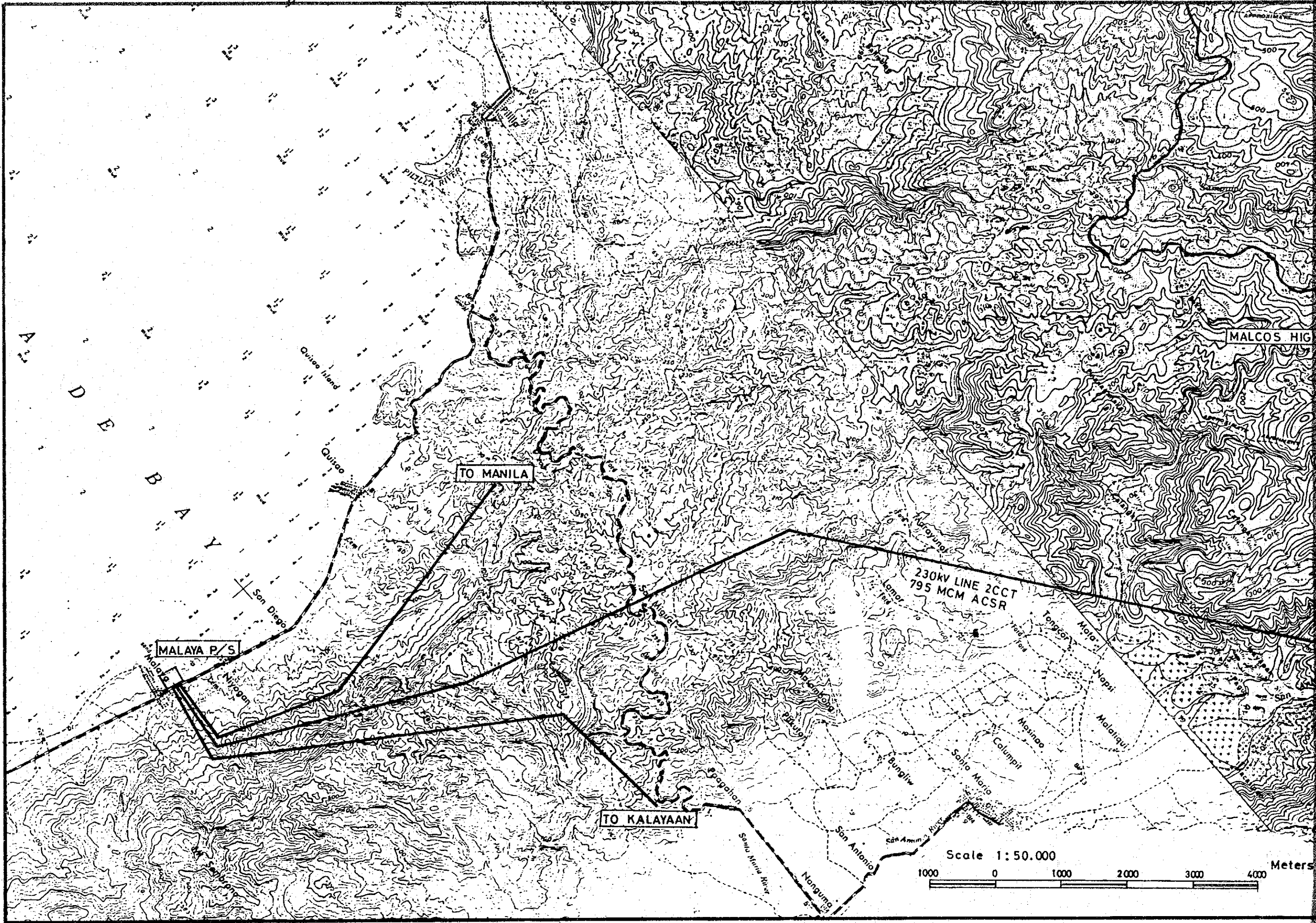


PLAN SCALE A

図面 11 発電所

SCALE A 0 50 100m
SCALE B 0 5 10 20m

REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION			
AGOS RIVER HYDROPOWER PROJECT			
POWERHOUSE			
DATE	DEC. 1980	DWG. NO.	11
JAPAN INTERNATIONAL COOPERATION AGENCY			



SEA OF BAY

MALAYA P/S

TO MANILA

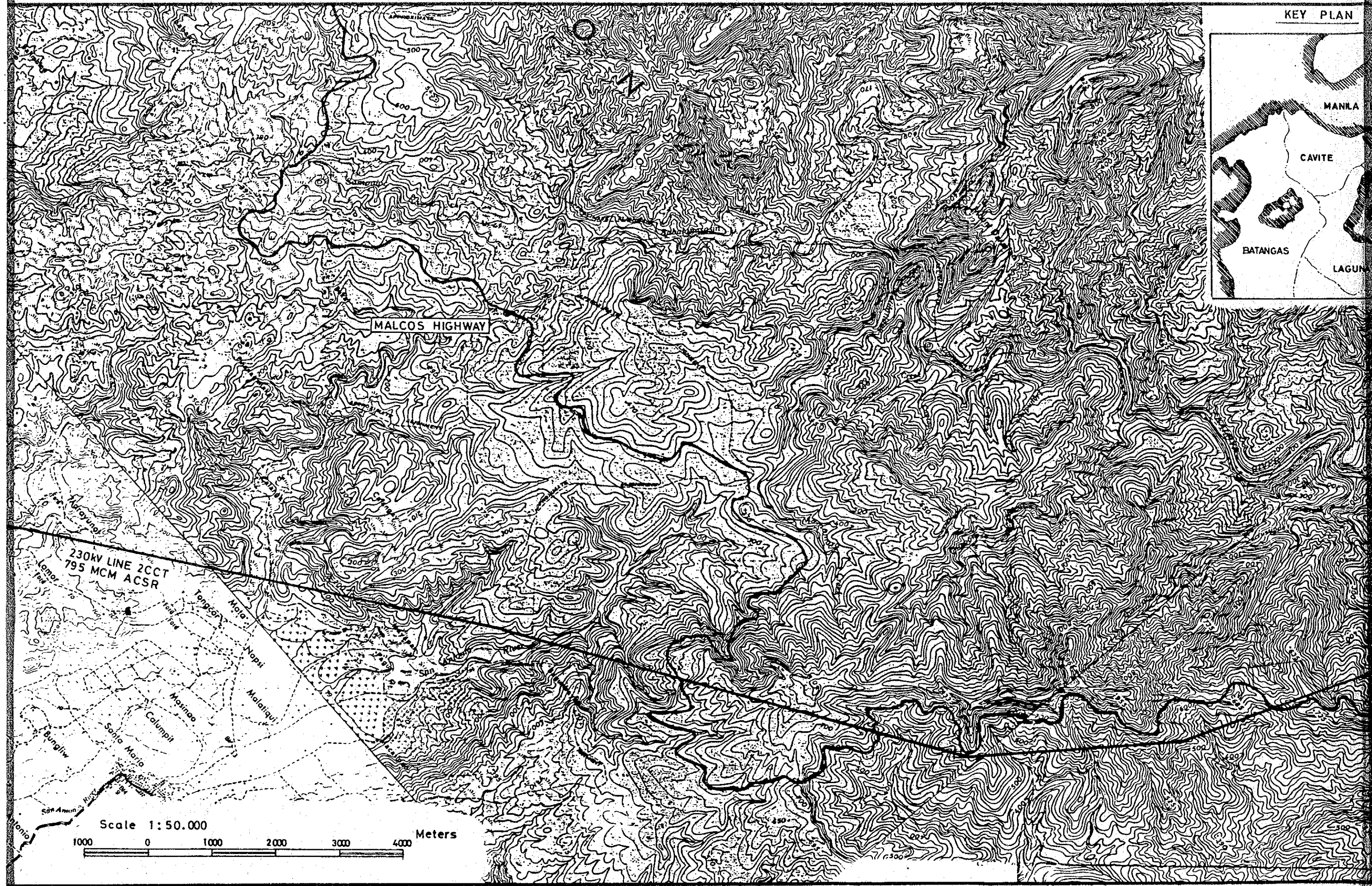
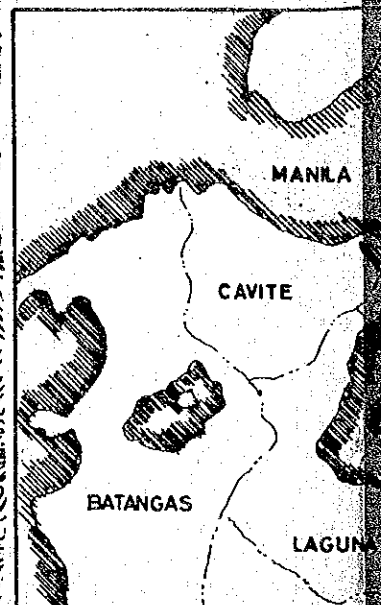
TO KALAYAAN

230KV LINE 2CCT
795 MCM ACSR

MALCOS HIG

Scale 1:50,000
1000 0 1000 2000 3000 4000 Meters

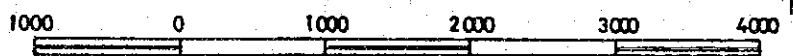
KEY PLAN

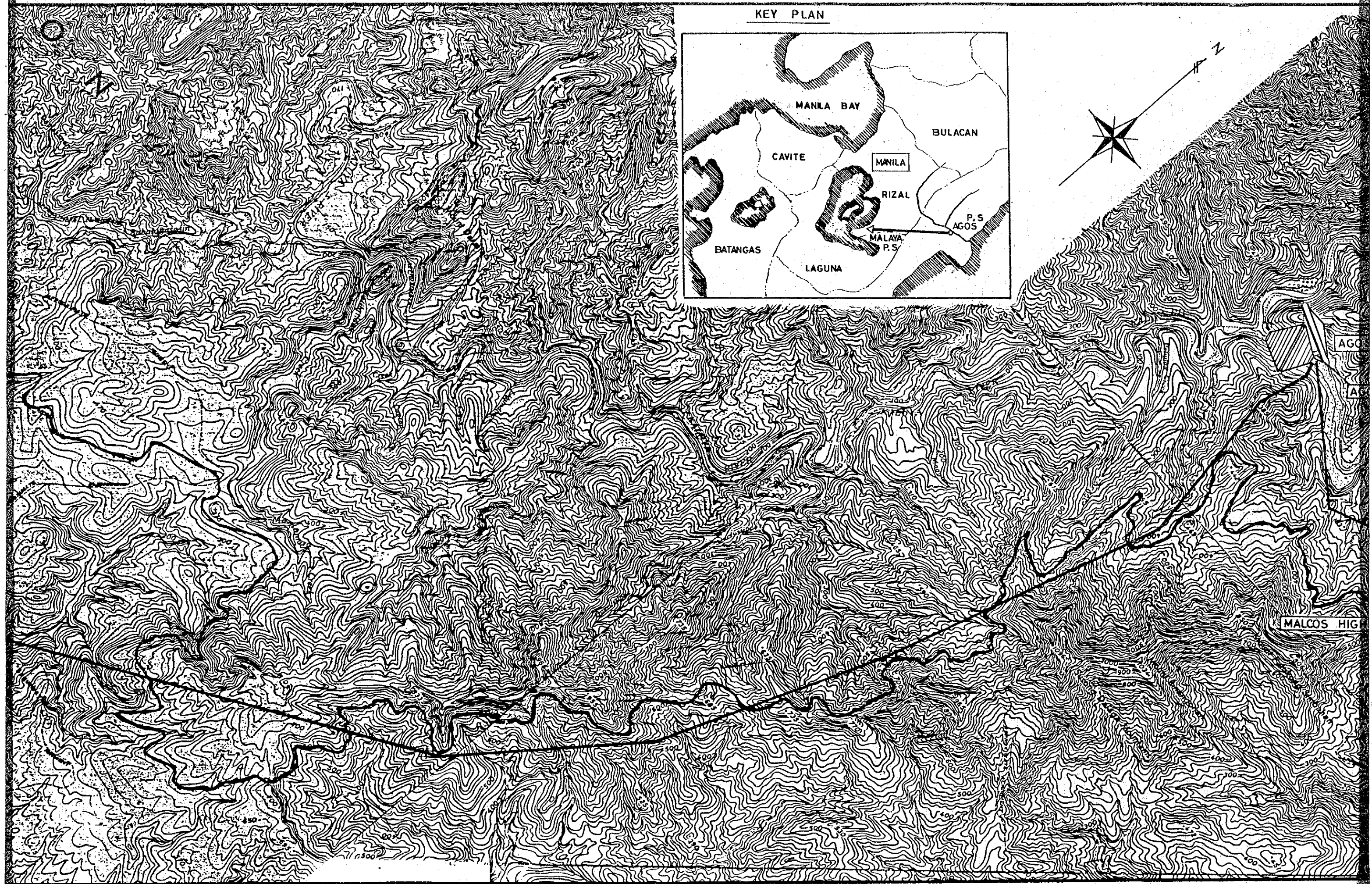


230kV LINE 2CCT
795 MCM ACSR

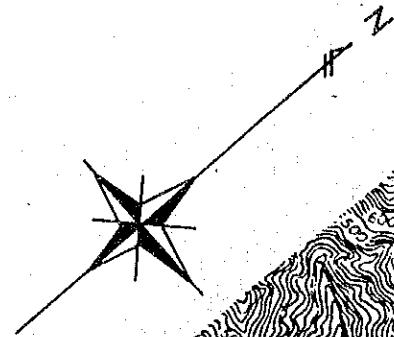
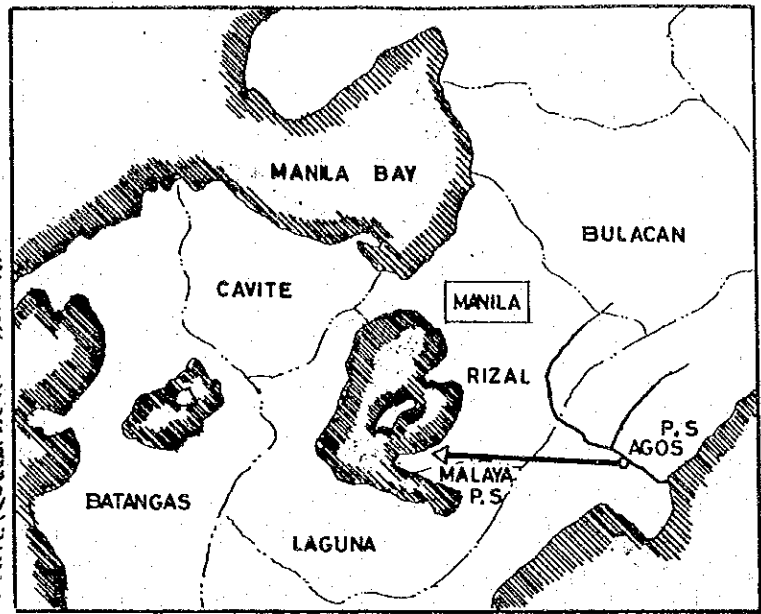
MALCOS HIGHWAY

Scale 1:50.000
Meters





KEY PLAN

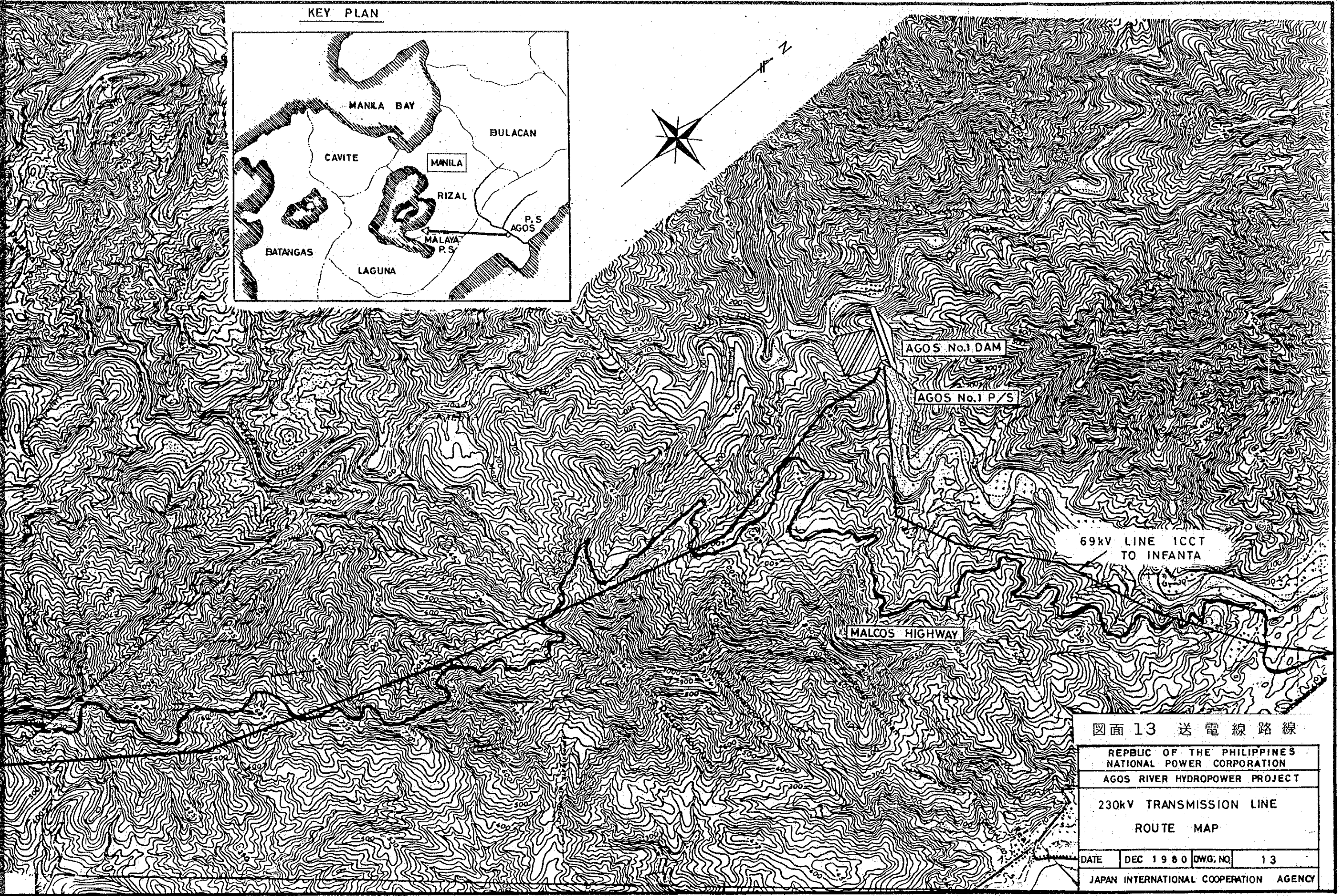
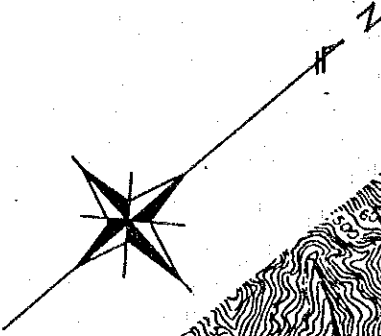
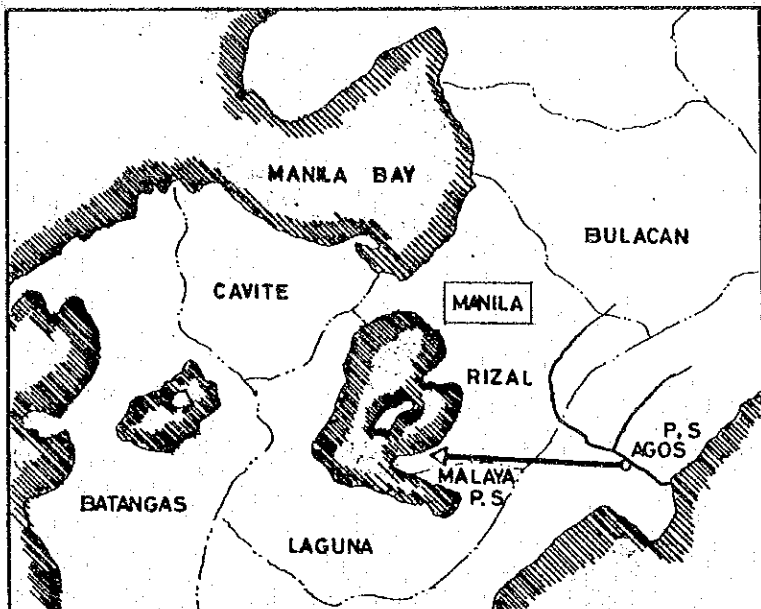


MALCOS HIGH

AGOS

AGOS

KEY PLAN



AGOS No.1 DAM

AGOS No.1 P/S

69kV LINE ICCT
TO INFANTA

MALCOS HIGHWAY

図面 13 送電線路線

REPUBLIC OF THE PHILIPPINES
NATIONAL POWER CORPORATION
AGOS RIVER HYDROPOWER PROJECT

230kV TRANSMISSION LINE
ROUTE MAP

DATE	DEC 1980	DWG. NO.	13
JAPAN INTERNATIONAL COOPERATION AGENCY			

JICA

