

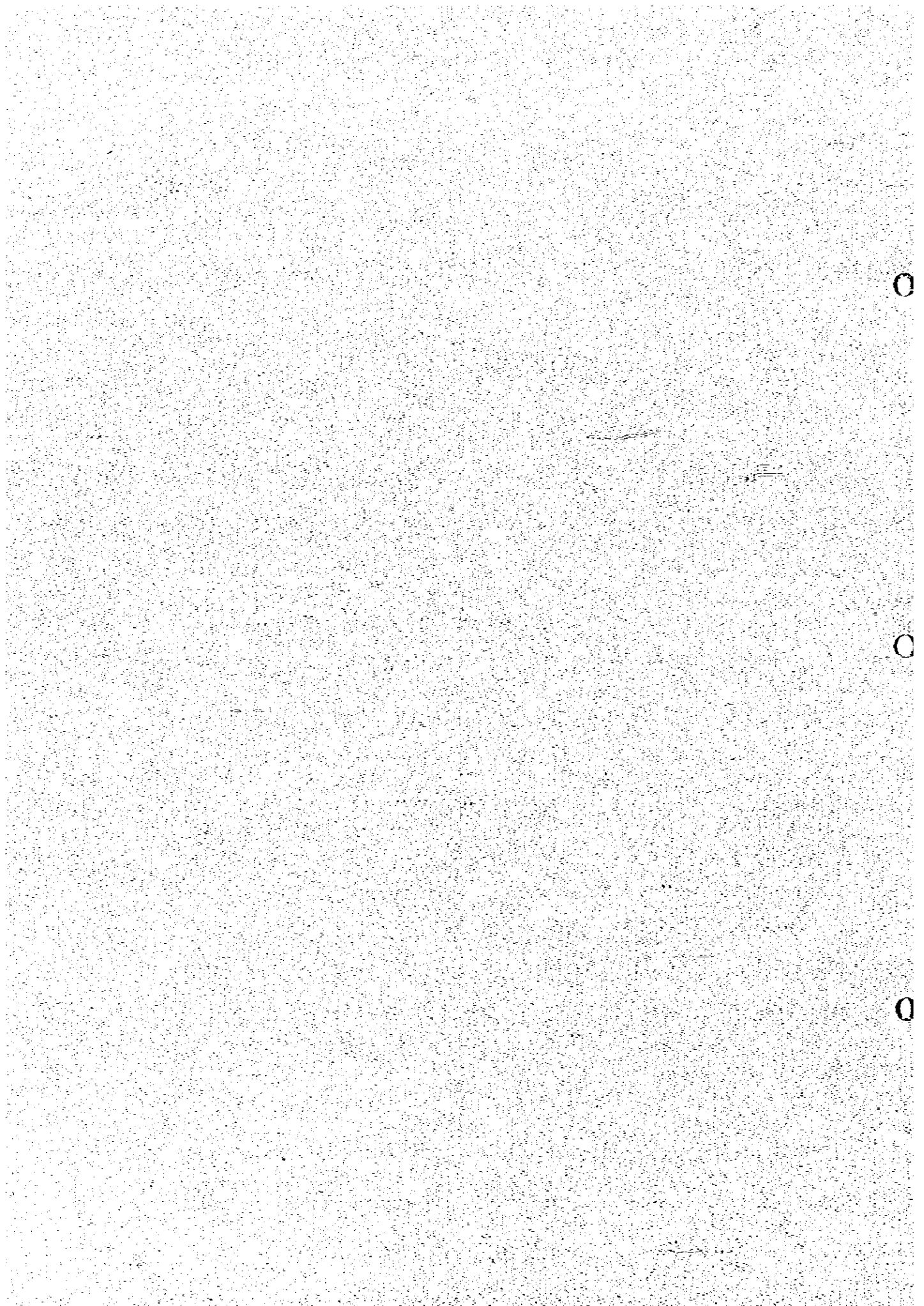
Figures I to XVI

第 1 卷 - 第 1 号 - 第 1 号 - 180

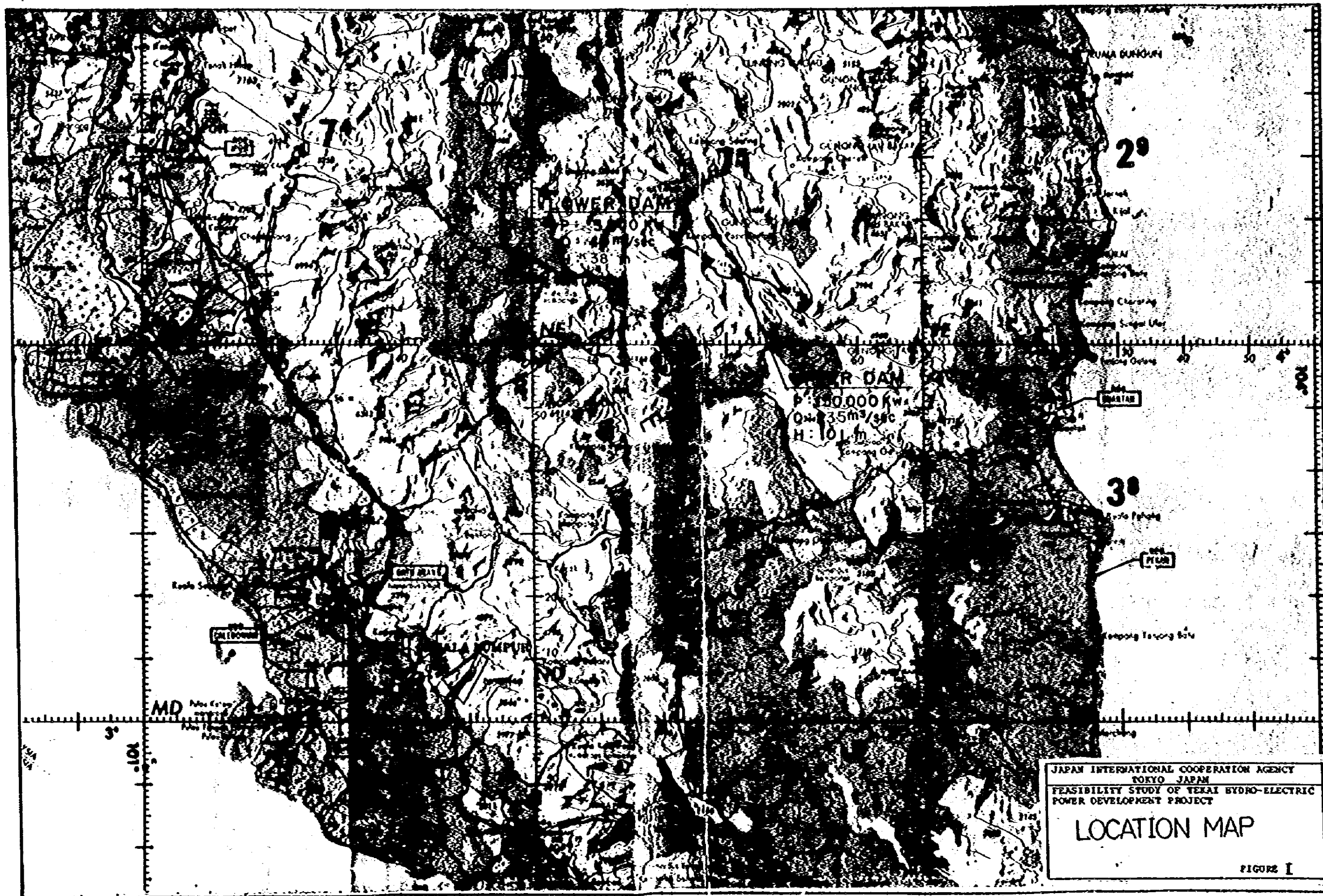
Appendix 1 - B

Pumped-storage scheme

第 1 卷 第 3 页

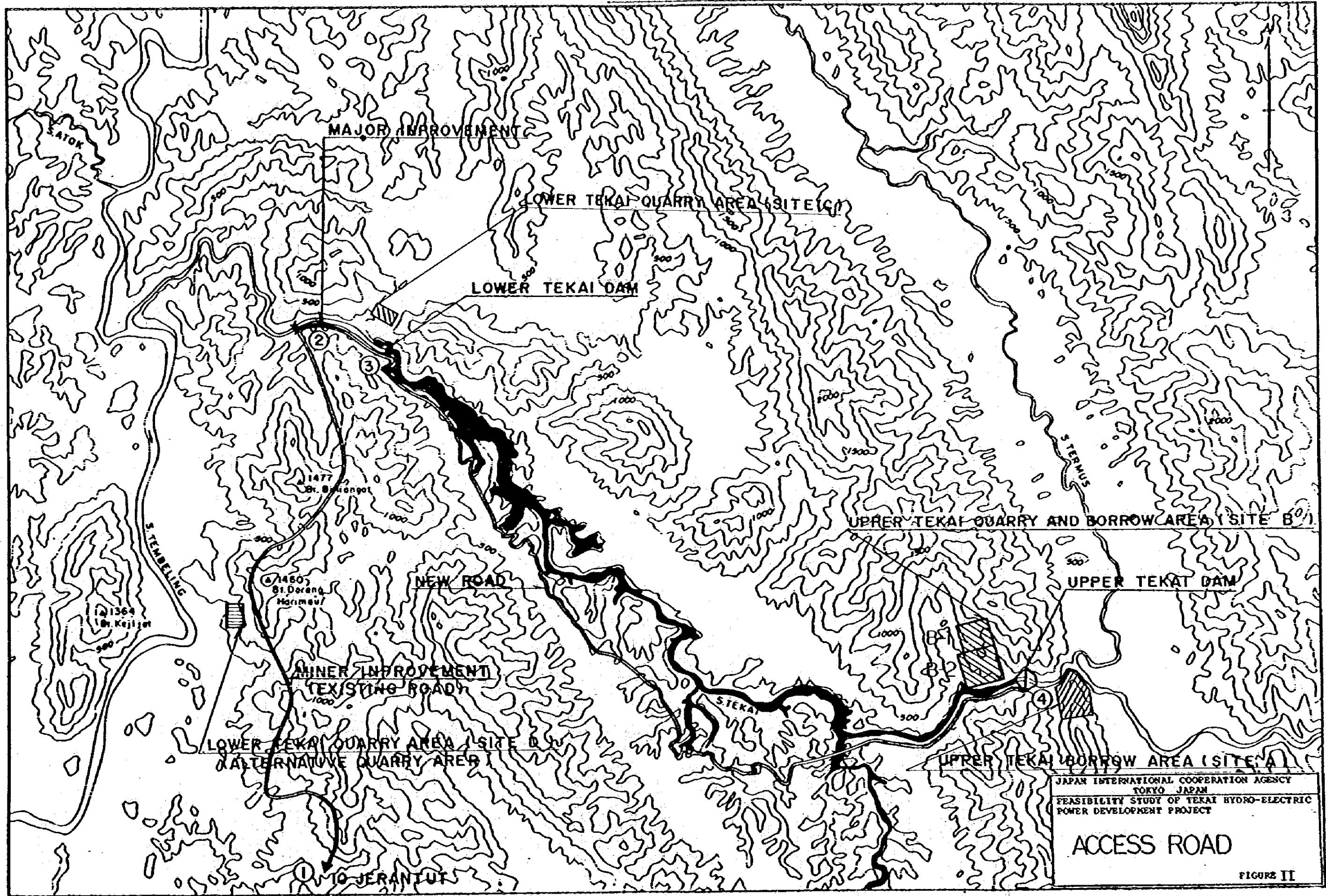


LOCATION MAP OF PROJECT SITE (S = 1/1,000,000)



© 1987 1-2-22

ACCESS ROAD

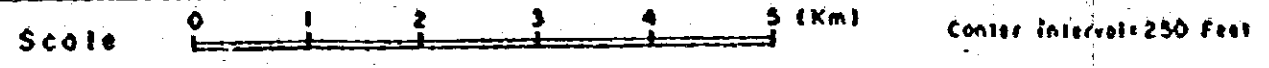


© 1987 1:25000

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POWER DEVELOPMENT PROJECT

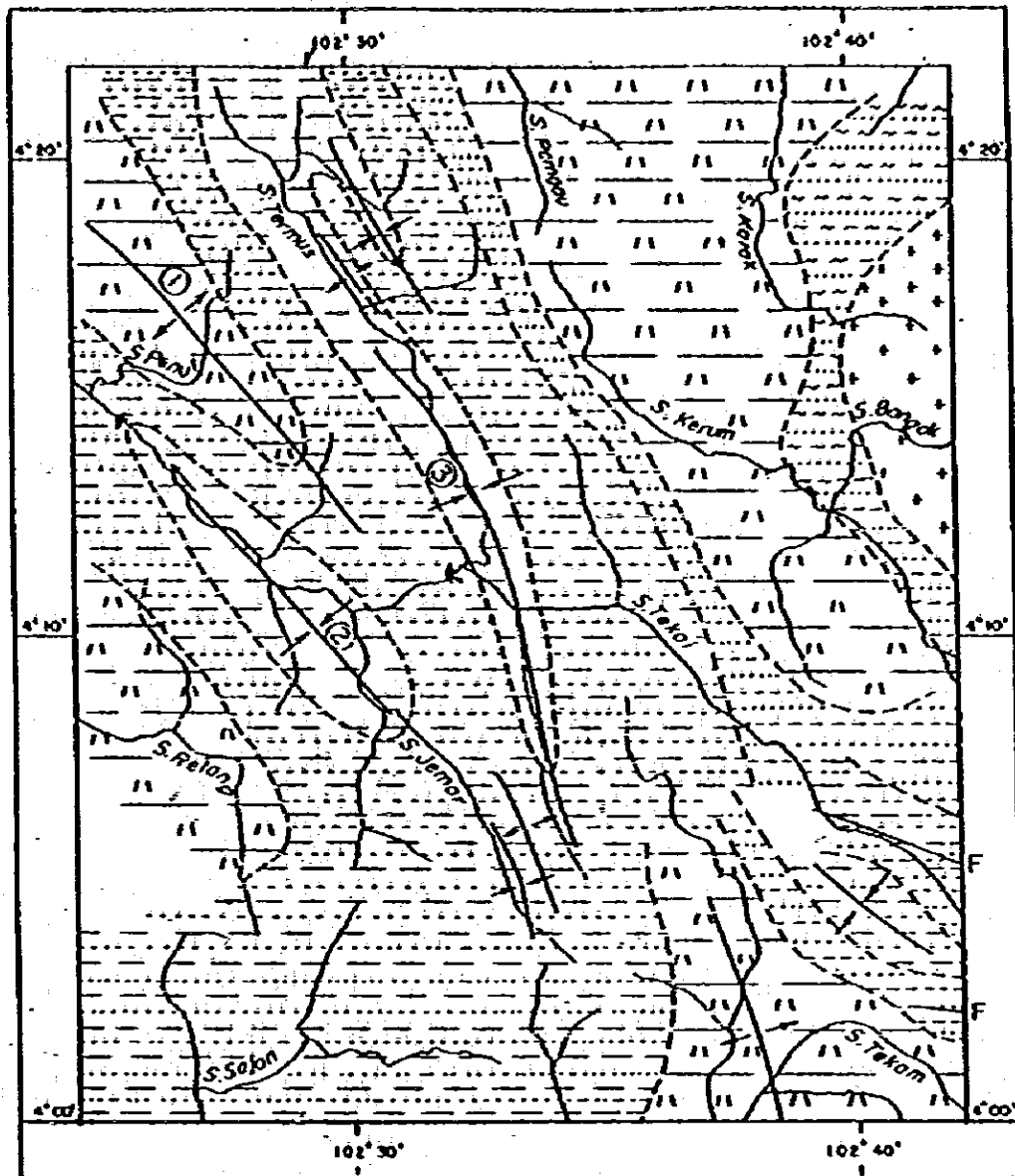
ACCESS ROAD

FIGURE II



OUTLINE OF GEOLOGY IN THE SUNGAI TEKAI AREA

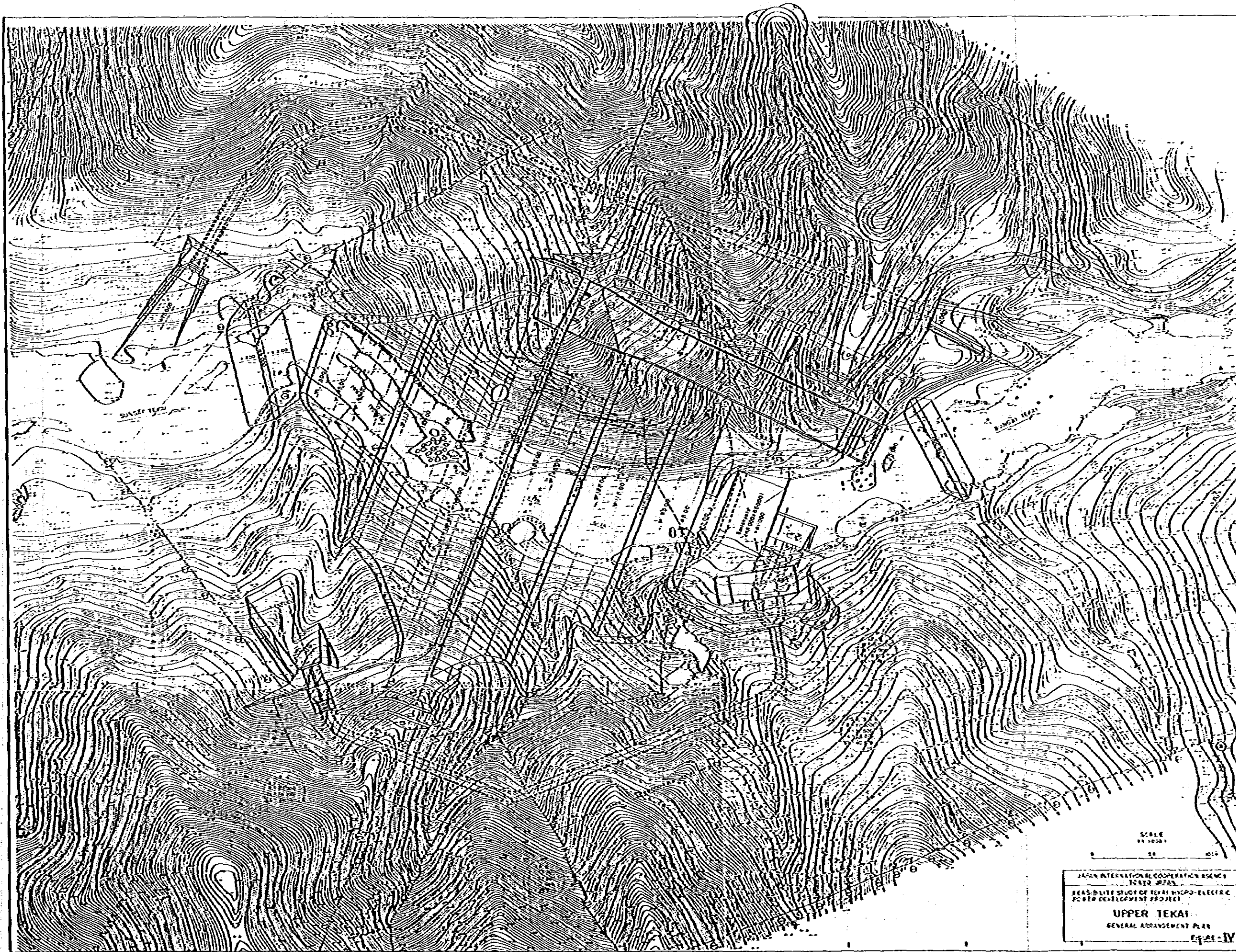
(after KHOO HAN PENG, 1977, page 93, Annual report of the geological survey of Malaysia)



Scale

- | | | | | | |
|---|-----------------|-----------------------------------|-----------------------------|---|----------------------|
| | Termus Redbeds | | Mangkok Sandstone | | Lanis Conglomerate |
| | Kerum Formation | | Adonellite (Granitic rocks) | | Bongok Metasediments |
| | Anticline | | Syncline | | F Fault |
| ① | Perut anticline | ② | Tekoi syncline | ③ | Termus syncline |
| | | Upper dam site and lower dam site | | | |

117-1 1801



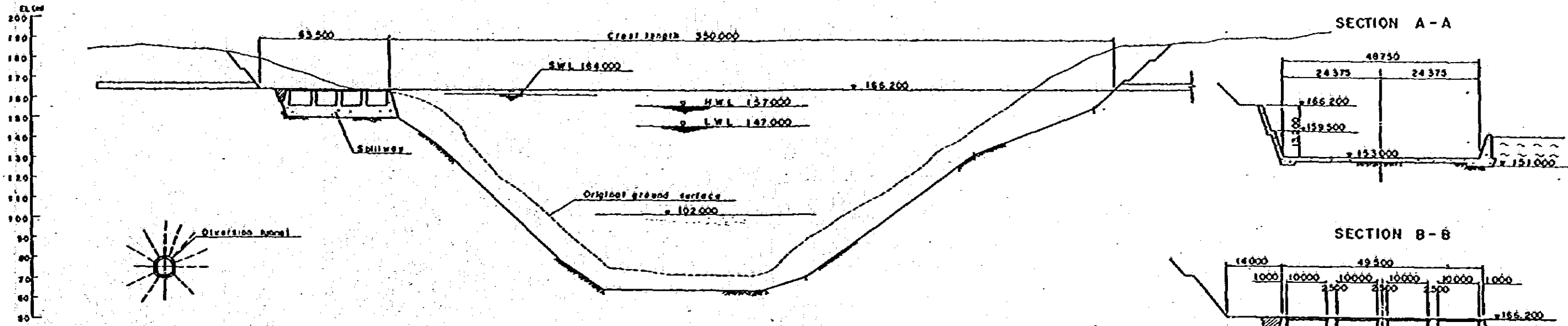
SCALE

1:10000

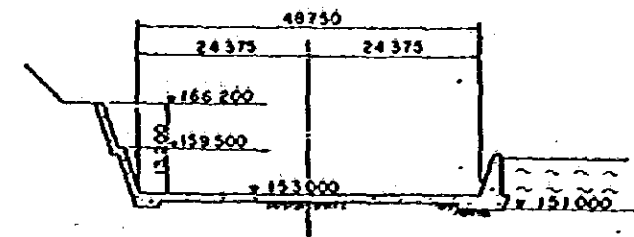
0 50 100

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HEAD-QUARTERS STUDY OF TEKAI HYDRO-ELECTRIC
POWER DEVELOPMENT PROJECT
UPPER TEKAI
GENERAL ARRANGEMENT PLAN
FIGURE-IV

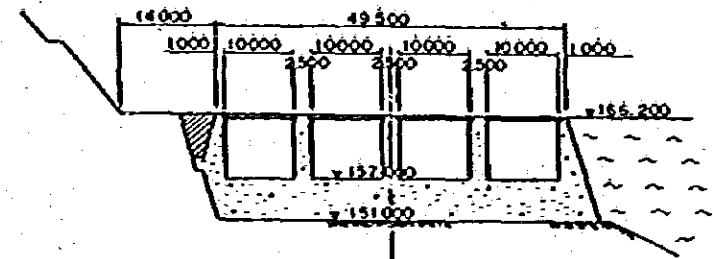
PROFILE OF DAM



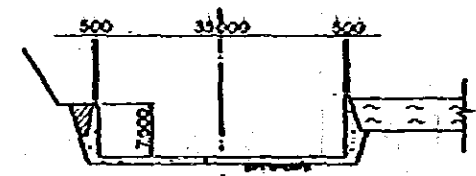
SECTION A-A



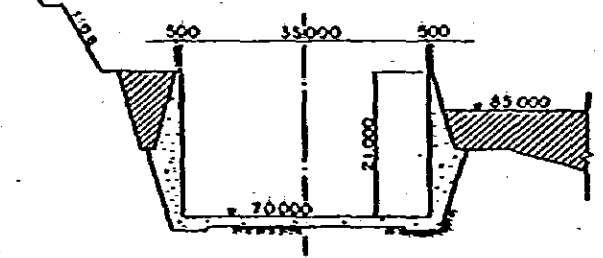
SECTION B-B



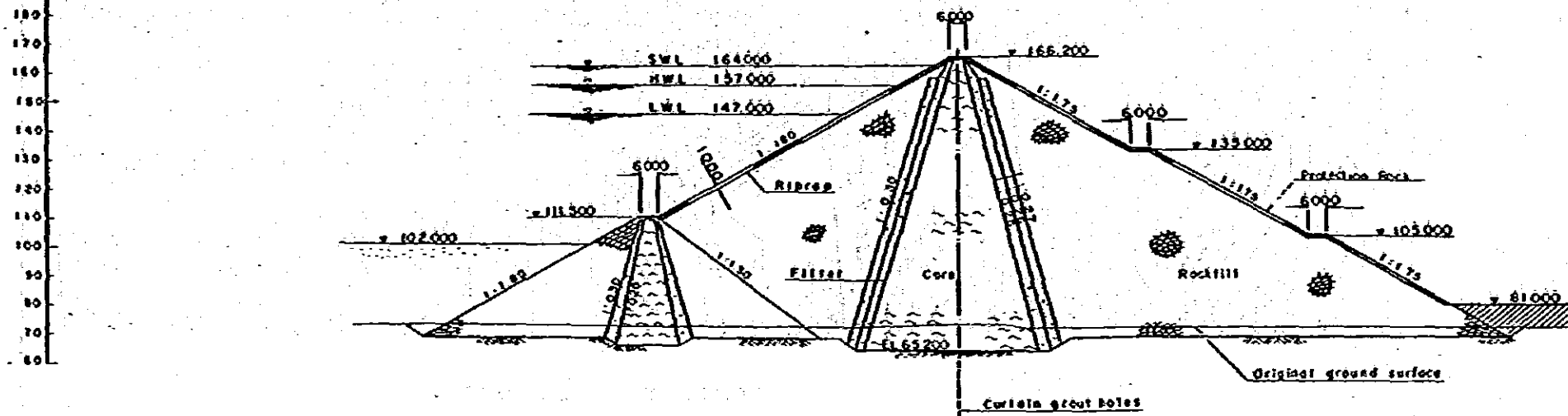
SECTION C-C



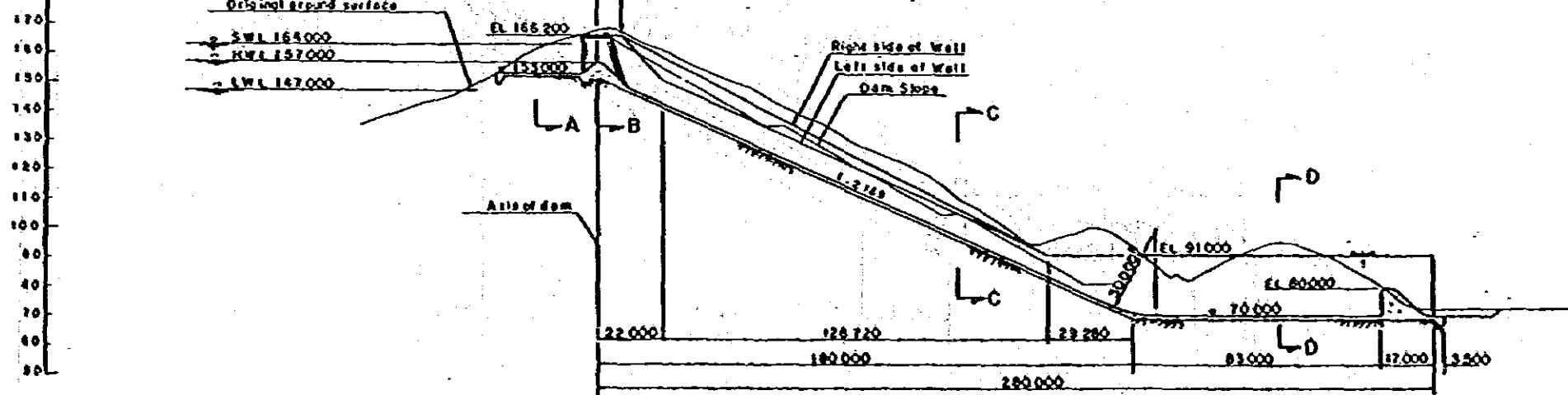
SECTION D-D



TYPICAL SECTION OF DAM



PROFILE OF SPILLWAY

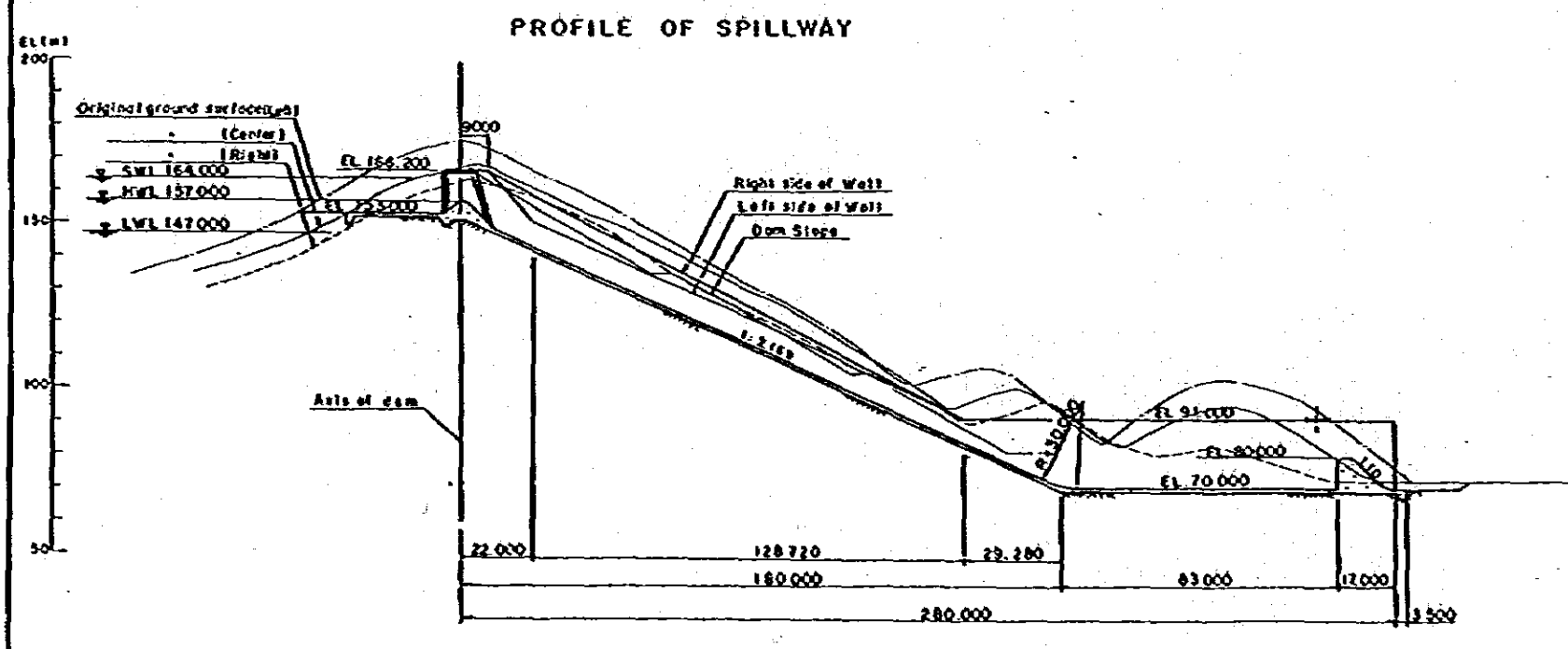
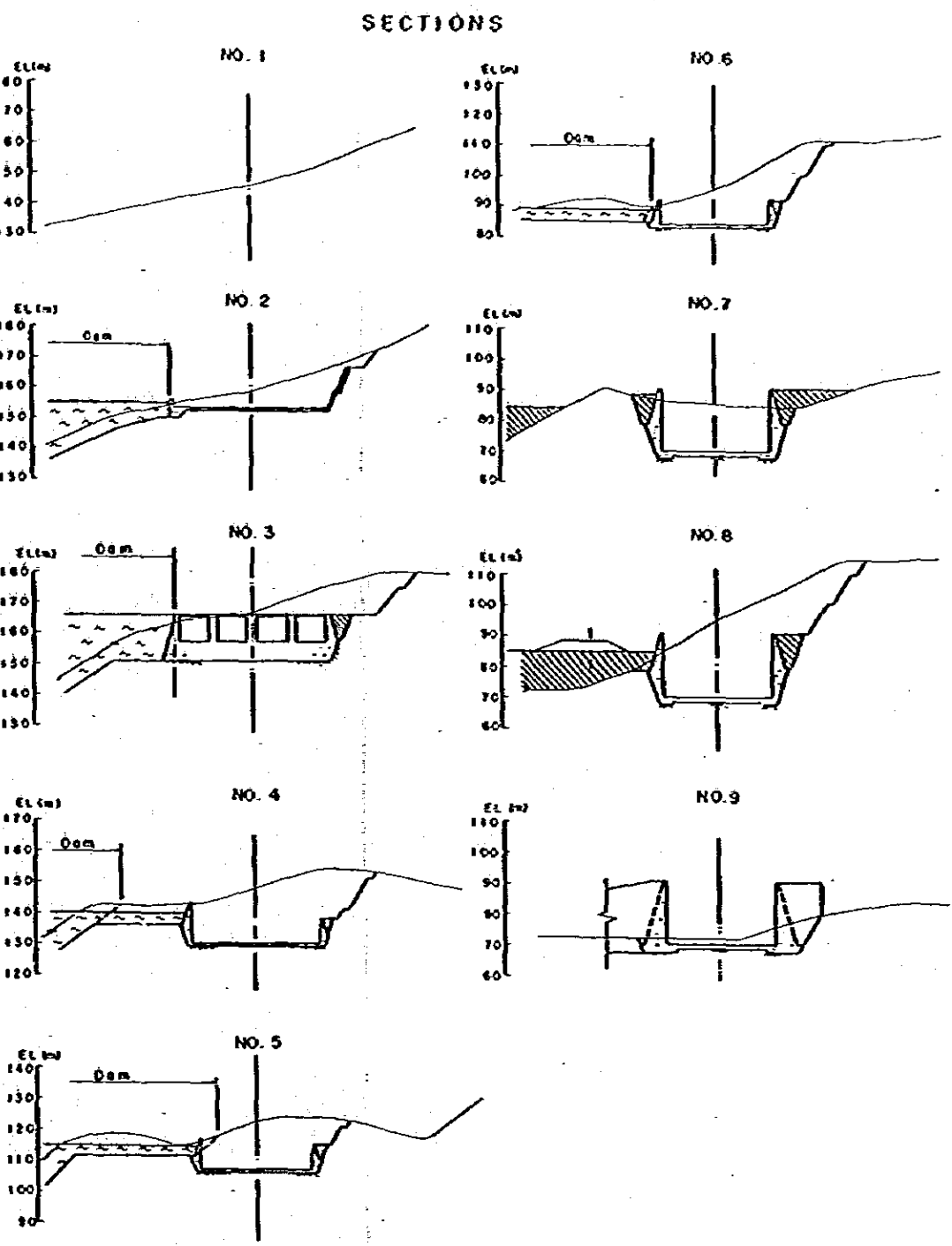


SCALE
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POWER DEVELOPMENT PROJECT
UPPER TEKAI
SPILLWAY AND SECTIONS
FIGURE - IV 2

347-1-1008



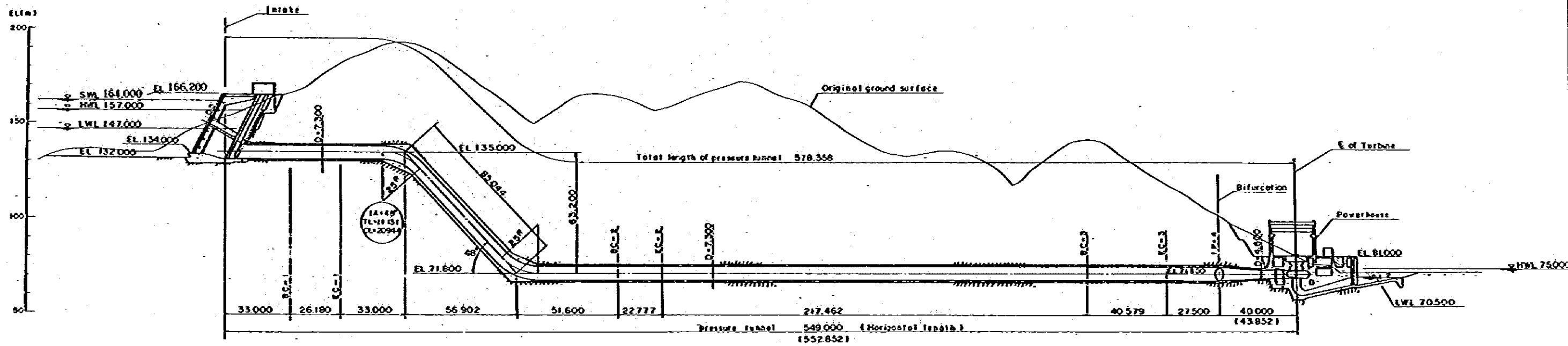
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POWER DEVELOPMENT PROJECT

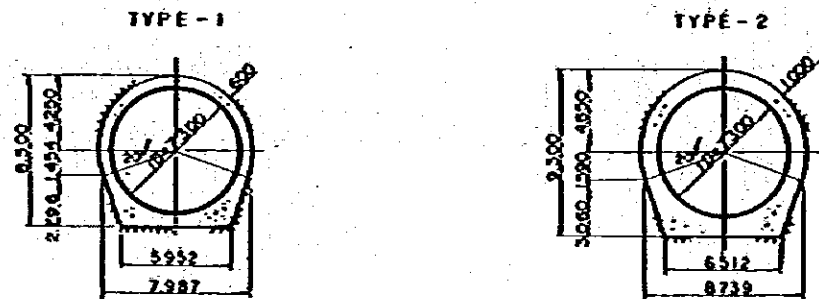
**UPPER TEKAI
SPILLWAY**

FIGURE-V

PROFILE OF TUNNEL



SECTION OF PRESSURE TUNNEL



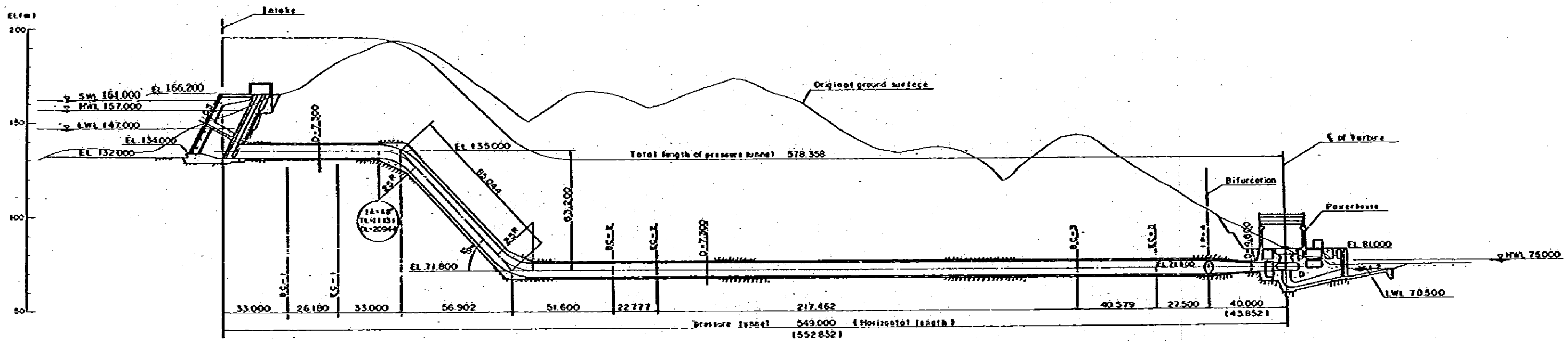
SCALE
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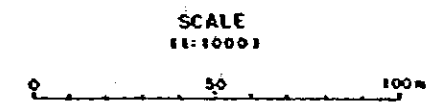
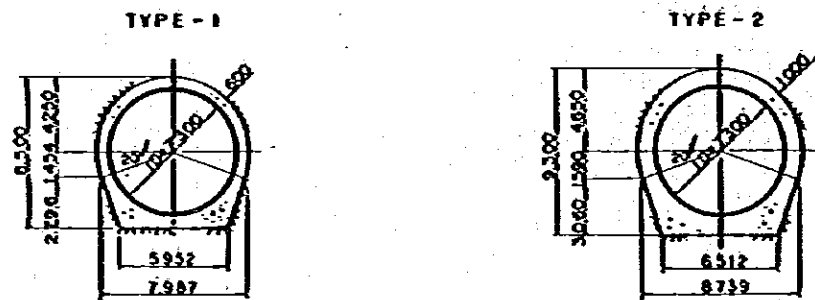
JAPAN INTERNATIONAL COOPERATION AGENCY
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FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
POWER DEVELOPMENT PROJECT
UPPER TEKAI
PRESSURE TUNNEL

FIGURE

PROFILE OF TUNNEL

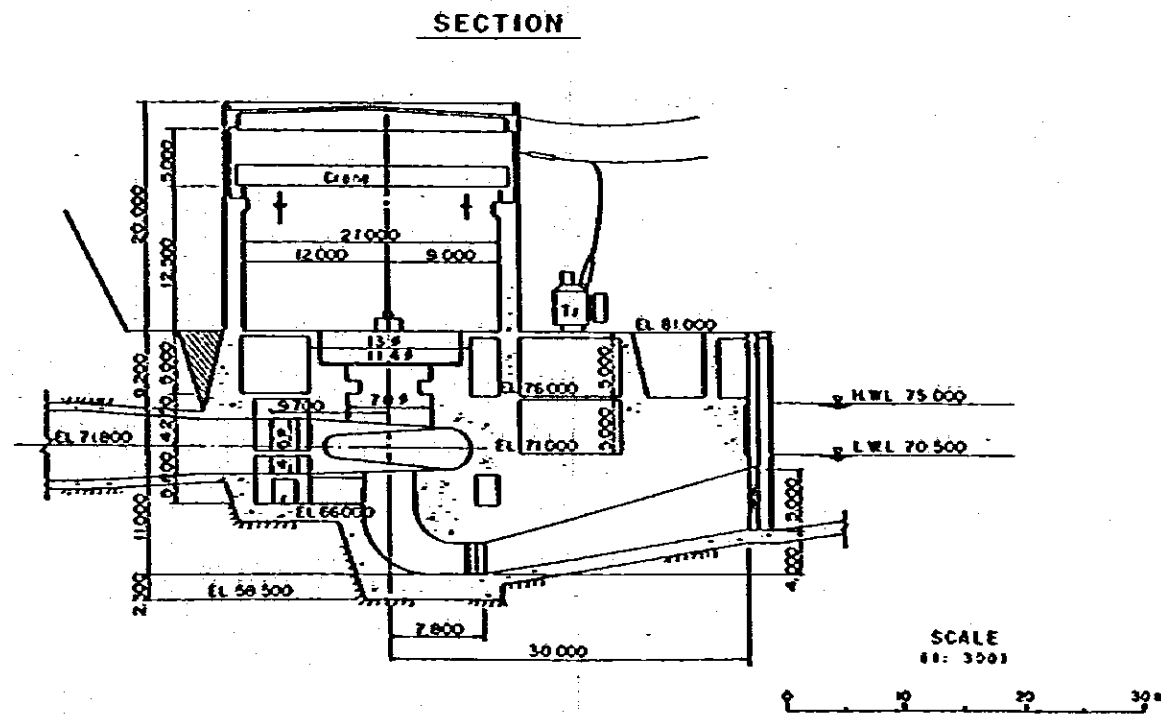
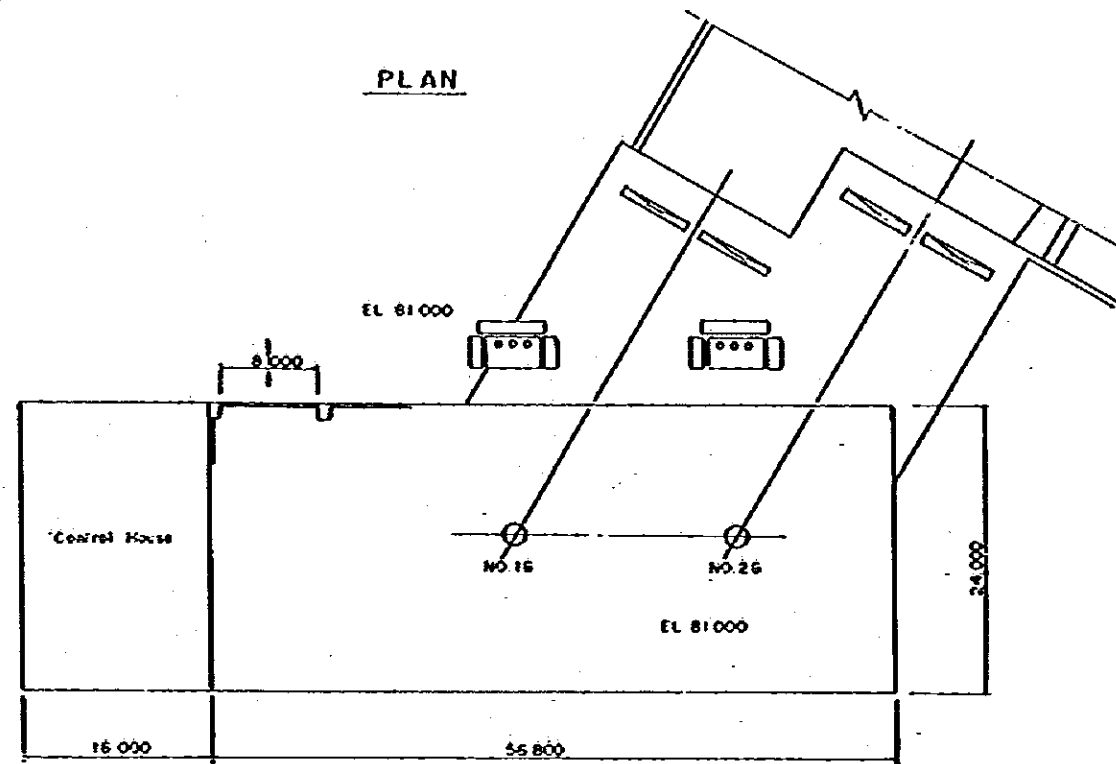
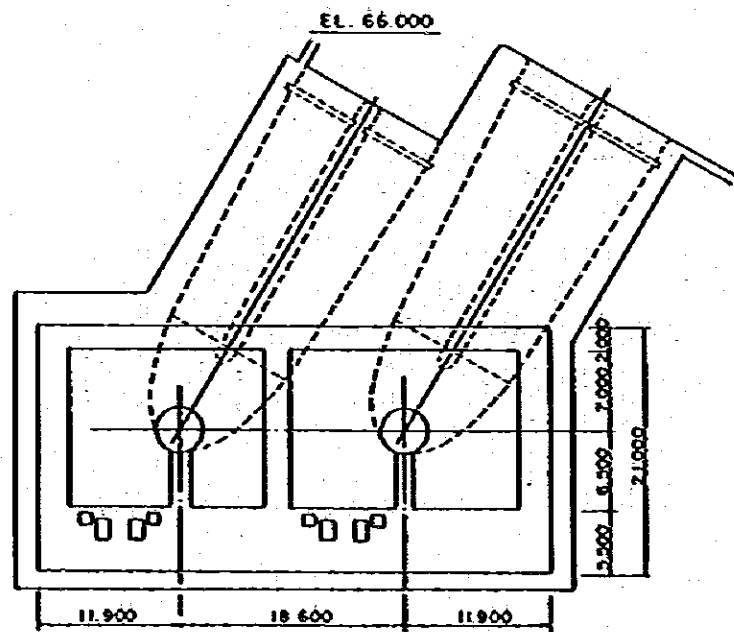
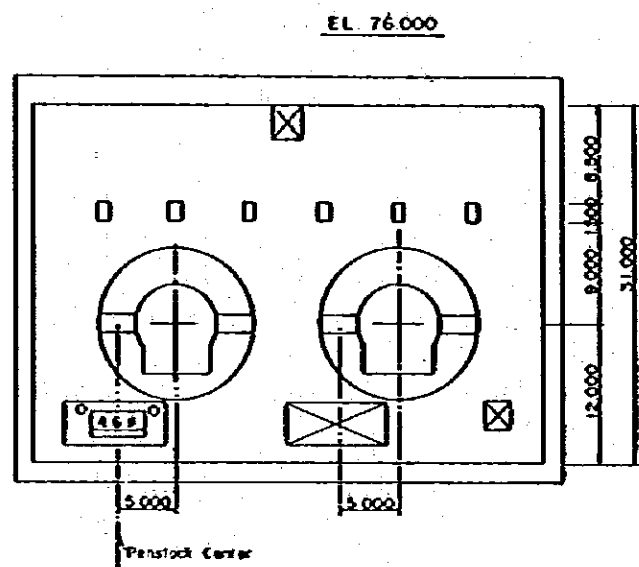
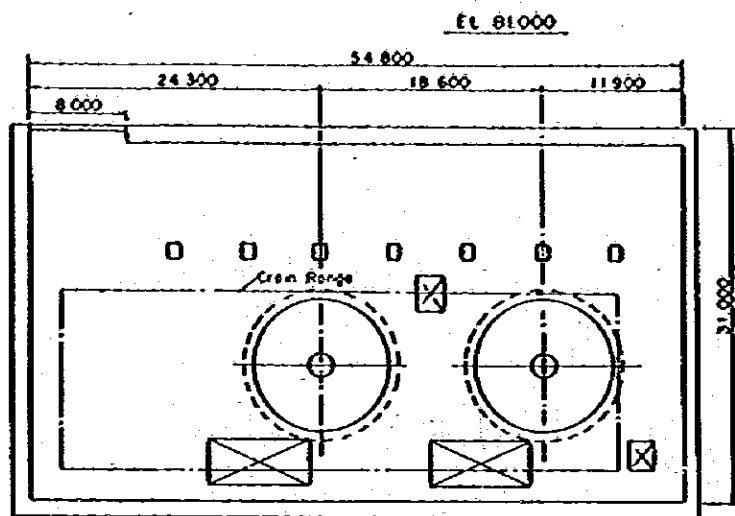


SECTION OF PRESSURE TUNNEL



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 POWER DEVELOPMENT PROJECT
UPPER TEKAI
 PRESSURE TUNNEL
 FIGURE-VI

No. 1 180



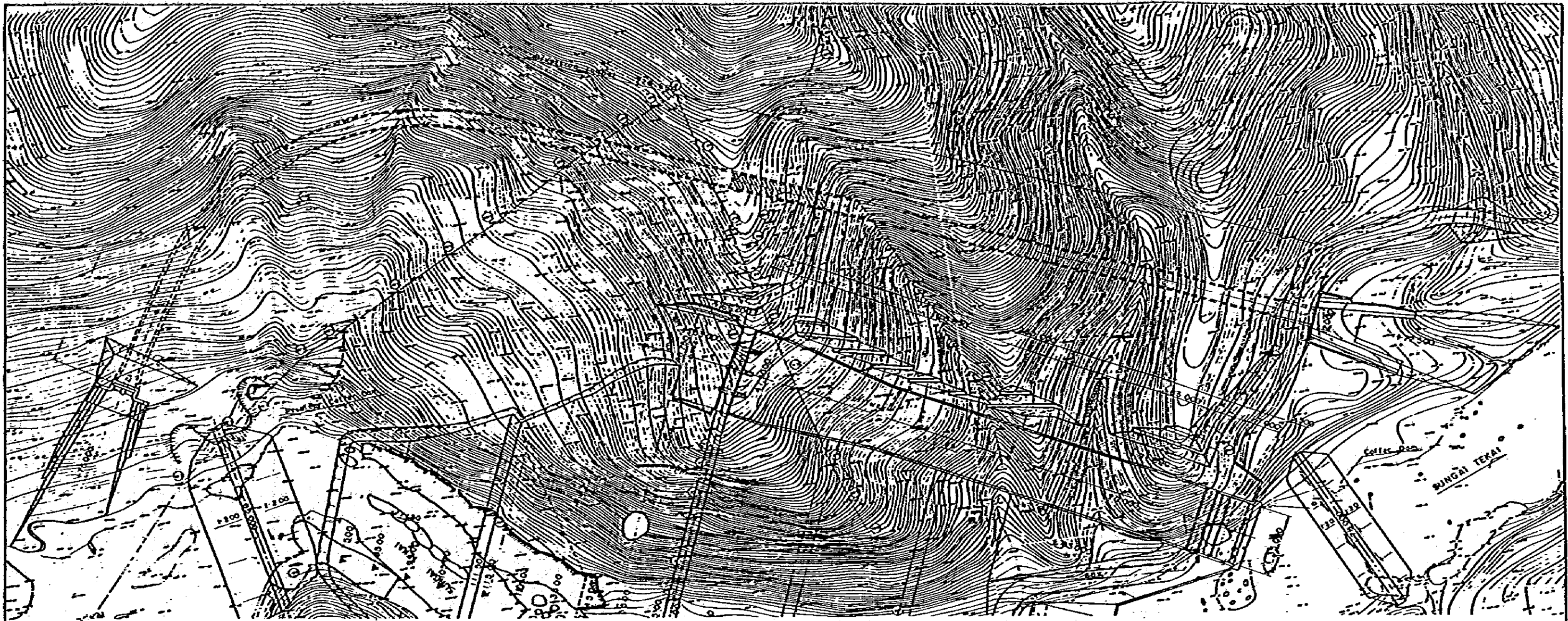
JAPAN INTERNATIONAL COOPERATION AGENCY
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 POWER DEVELOPMENT PROJECT

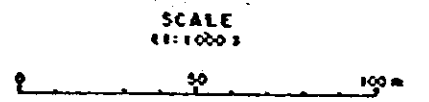
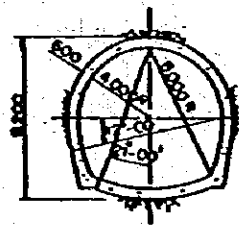
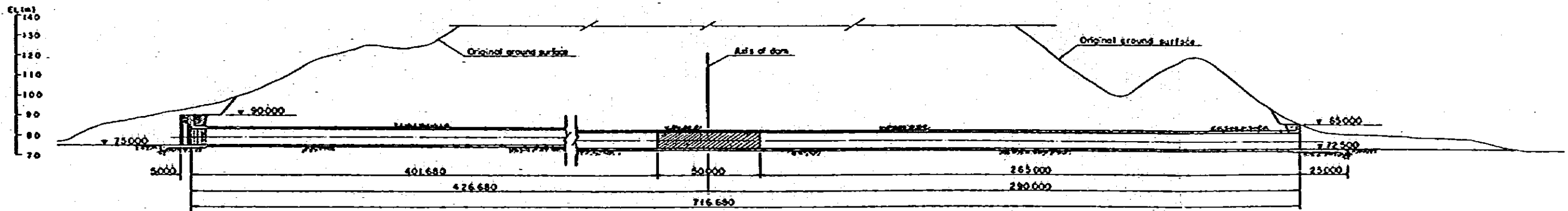
**UPPER TEKAI
 POWER STATION**

FIGURE-VII

1808 ©



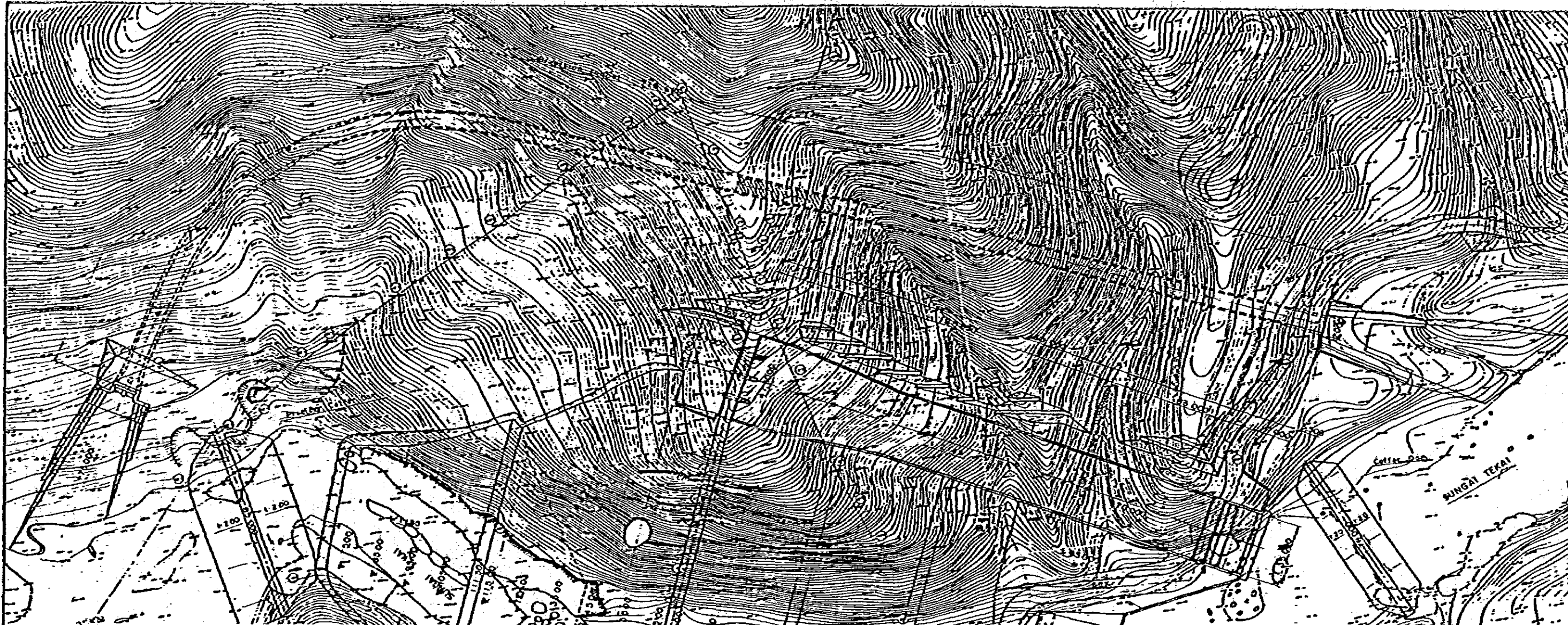
PROFILE OF DIVERSION TUNNEL



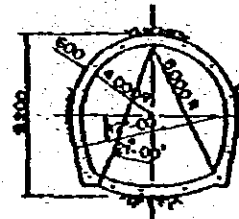
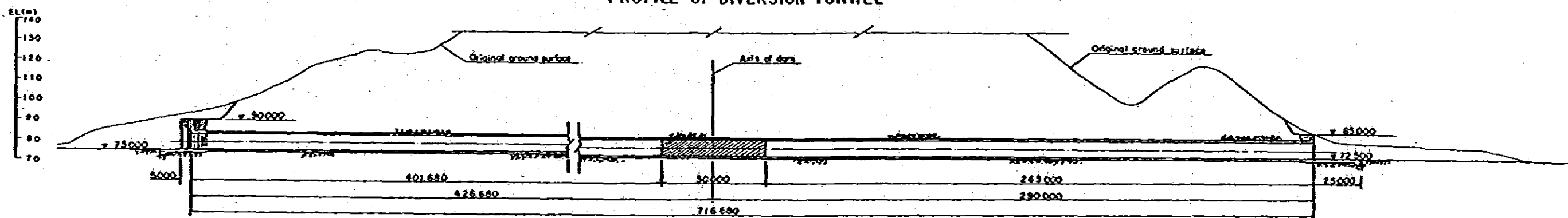
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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
UPPER TEKAI
 DIVERSION

FIGURE - VIII

1:18000



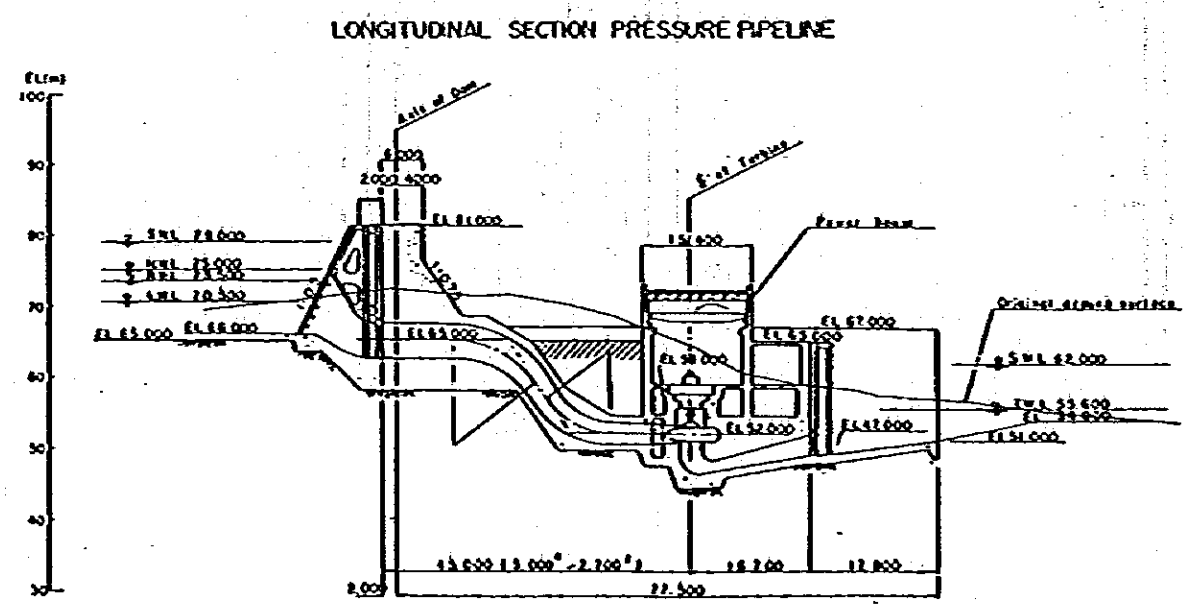
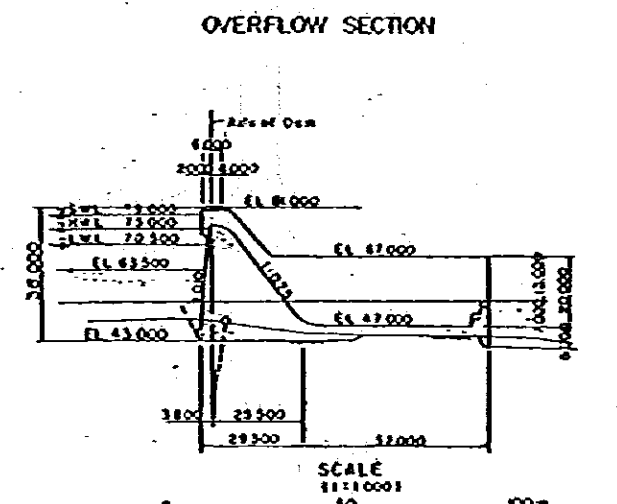
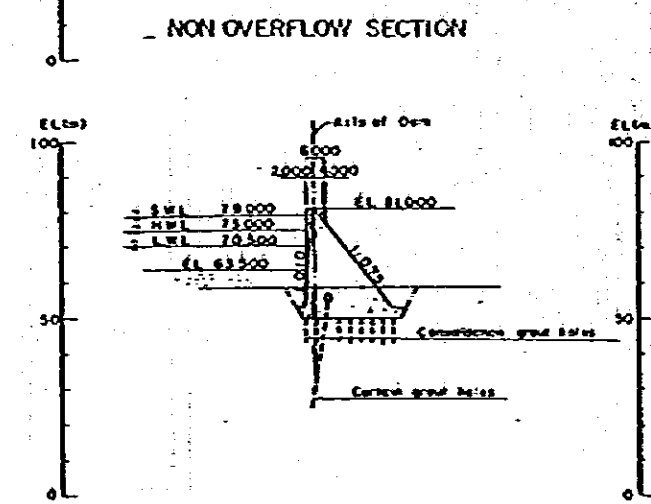
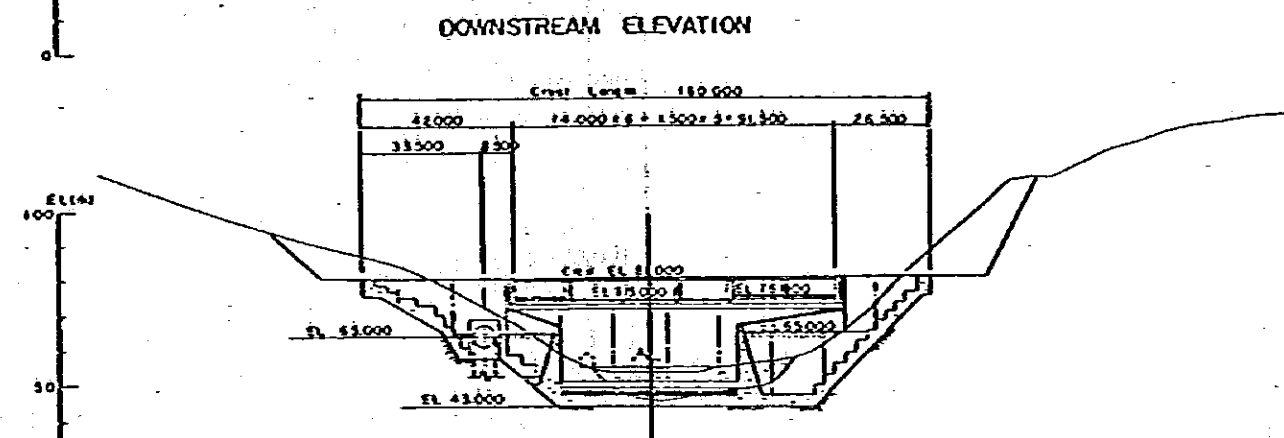
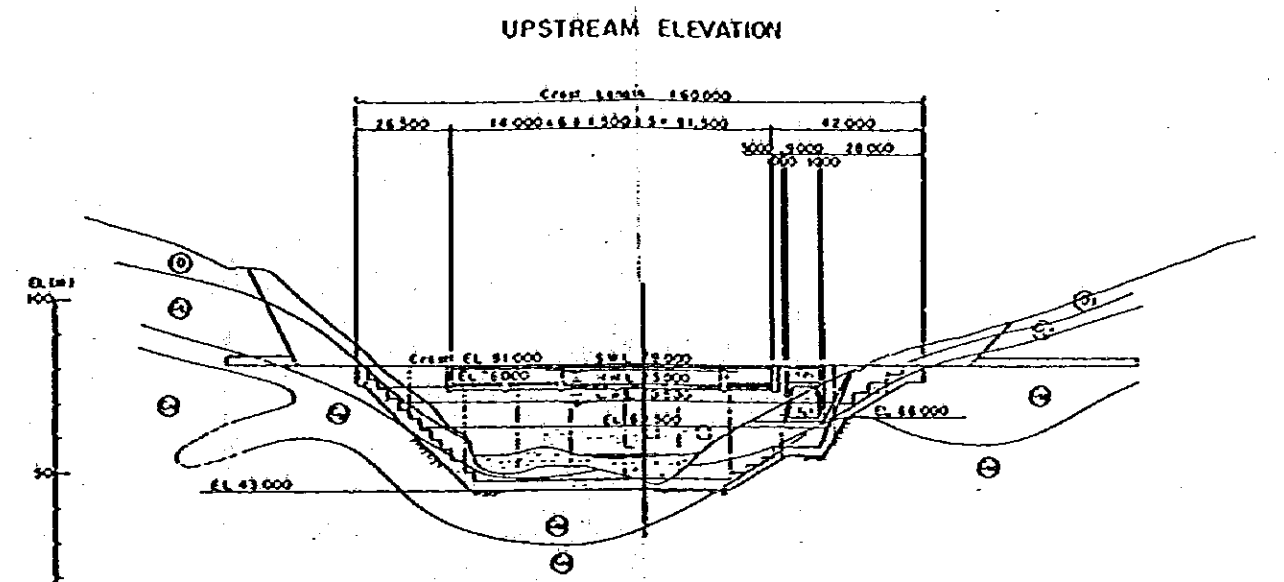
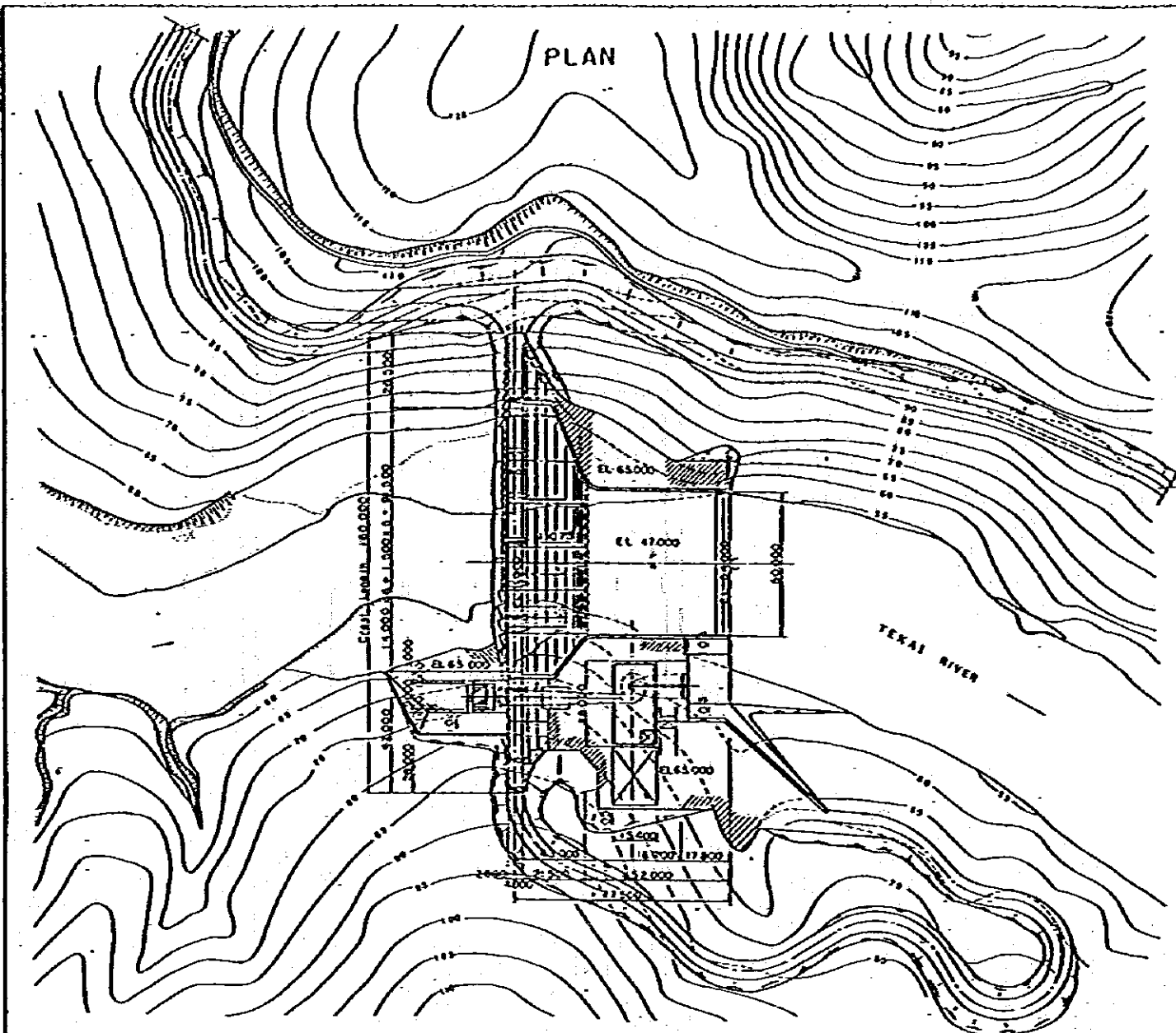
PROFILE OF DIVERSION TUNNEL



SCALE
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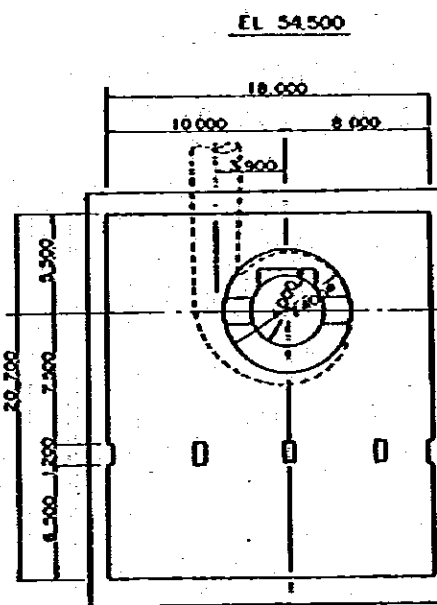
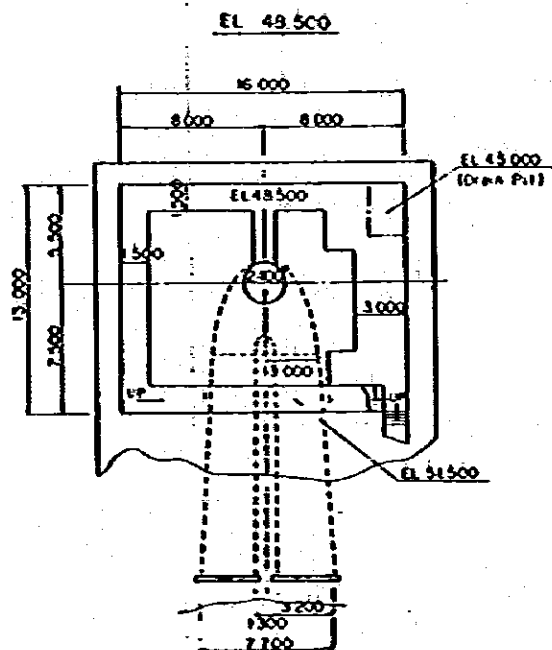
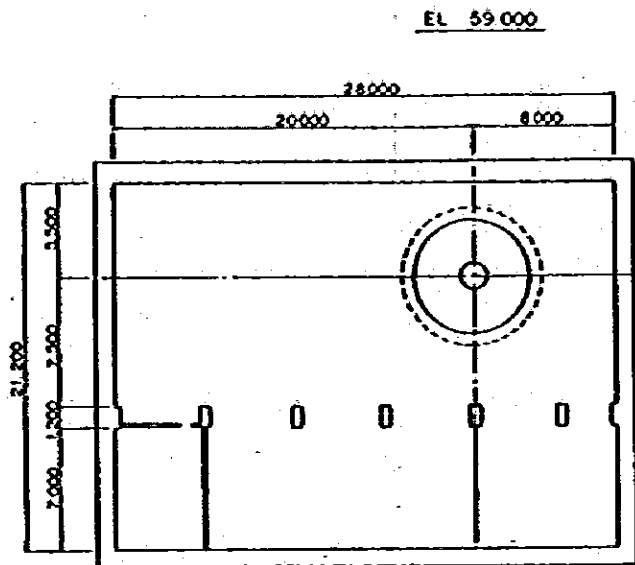
50 100 m

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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
UPPER TEKAI
 DIVERSION
 FIGURE - VIII

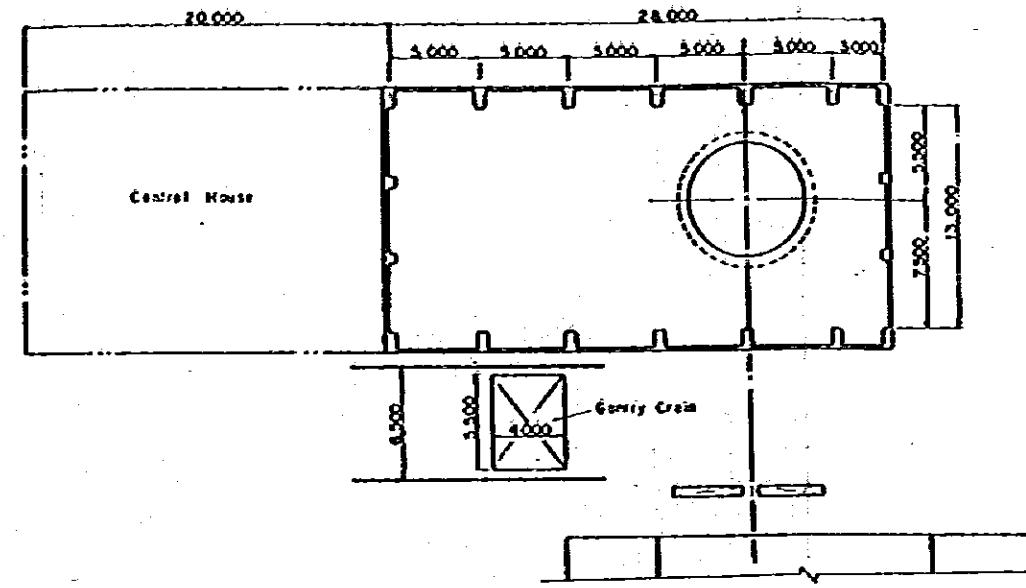


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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
LOWER TEKAI
 GENERAL ARRANGEMENT-PLAN,
 POWER STATION AND SECTIONS
 FIGURE- IX

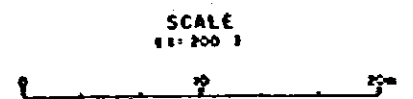
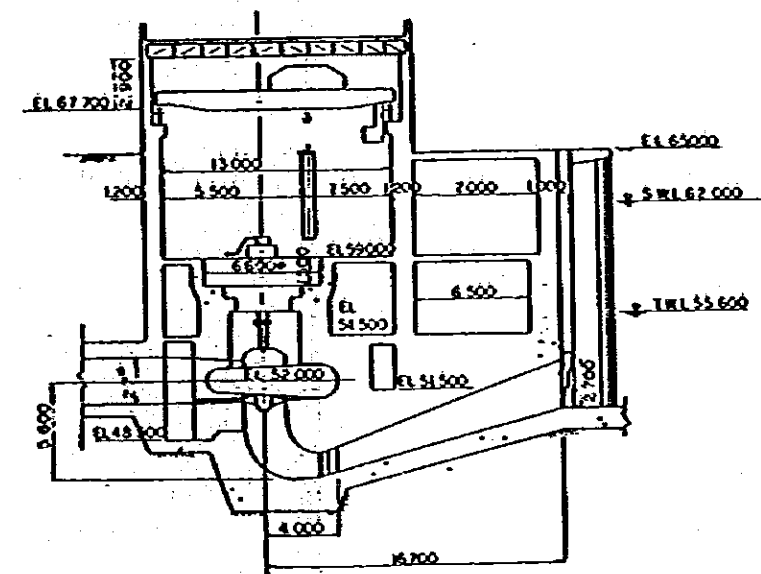
SORT 1-1-77



PLAN (EL 65,000)

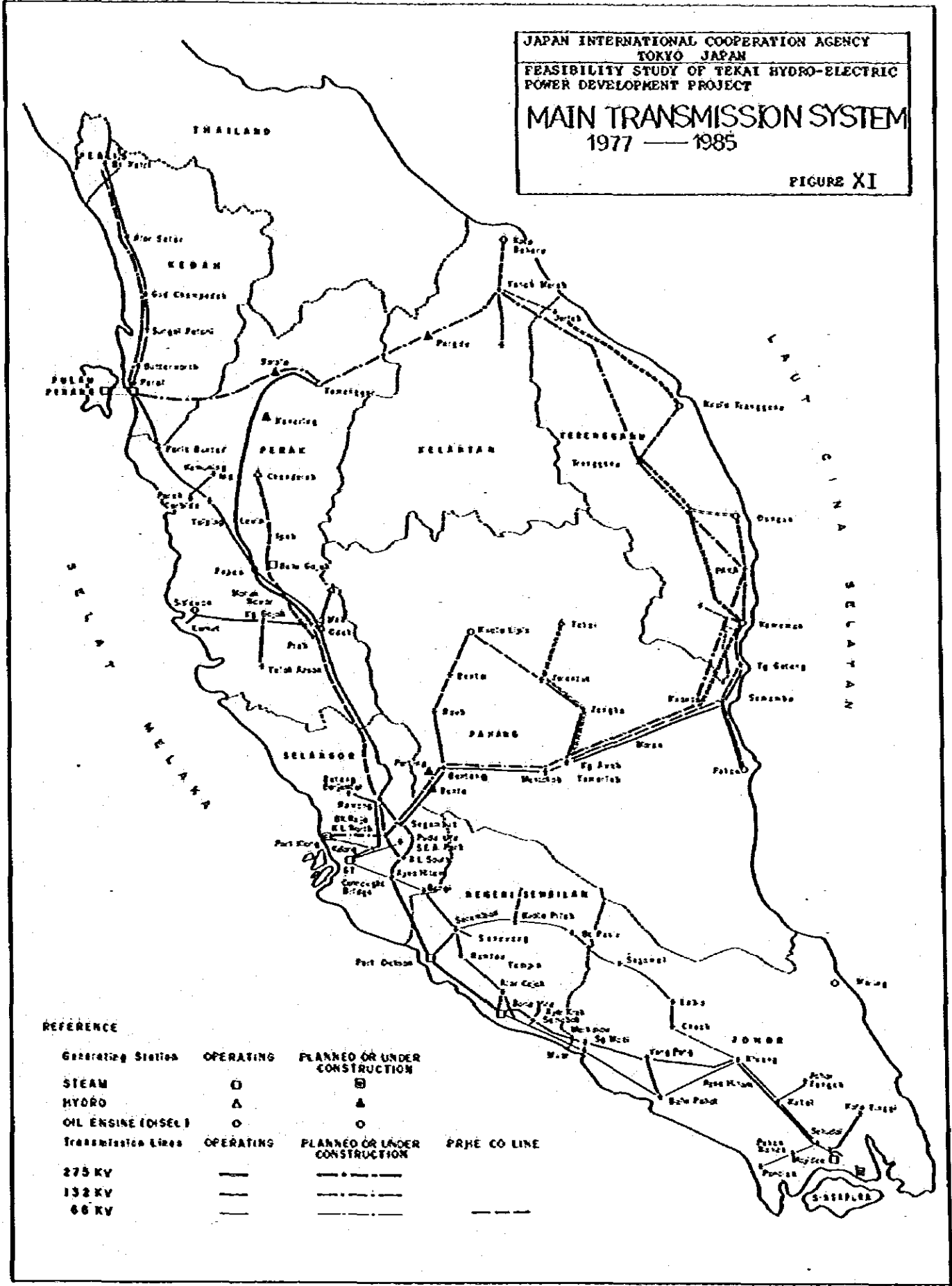


SECTION



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 TOKYO, JAPAN
 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
LOWER TEKAI
 POWER STATION
 FIGURE - X

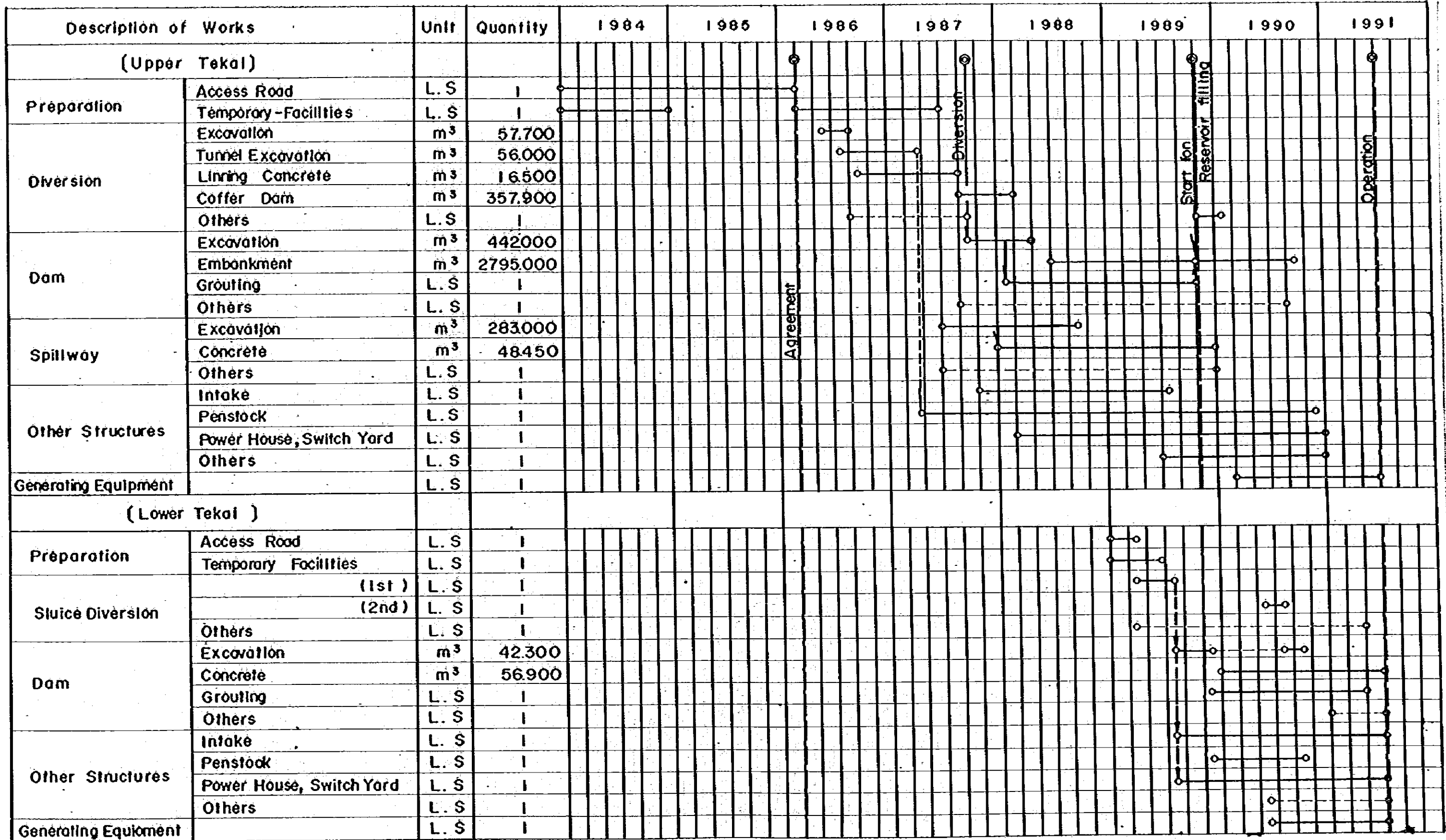
JAPAN INTERNATIONAL COOPERATION AGENCY
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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
MAIN TRANSMISSION SYSTEM
 1977 — 1985
 FIGURE XI



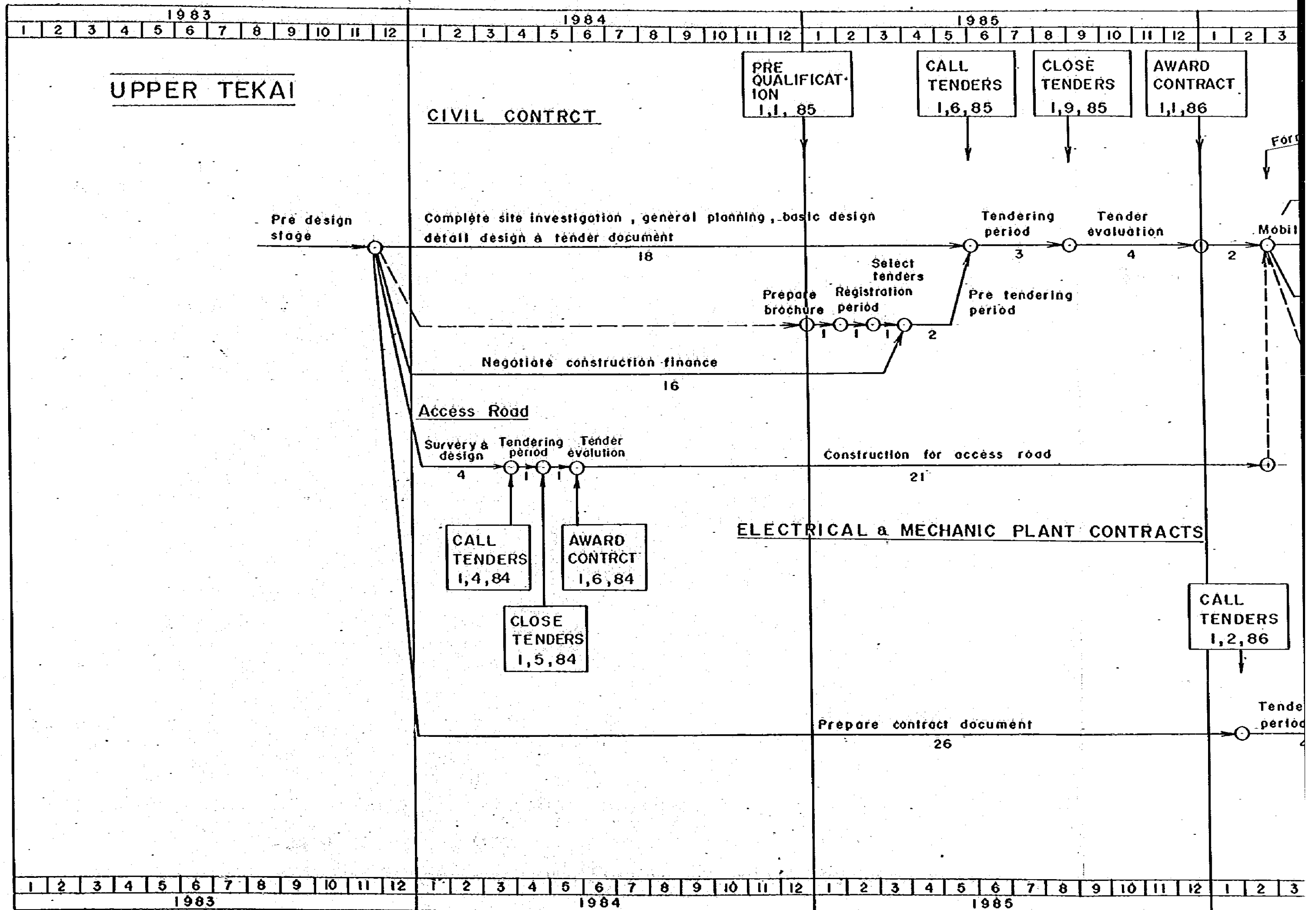
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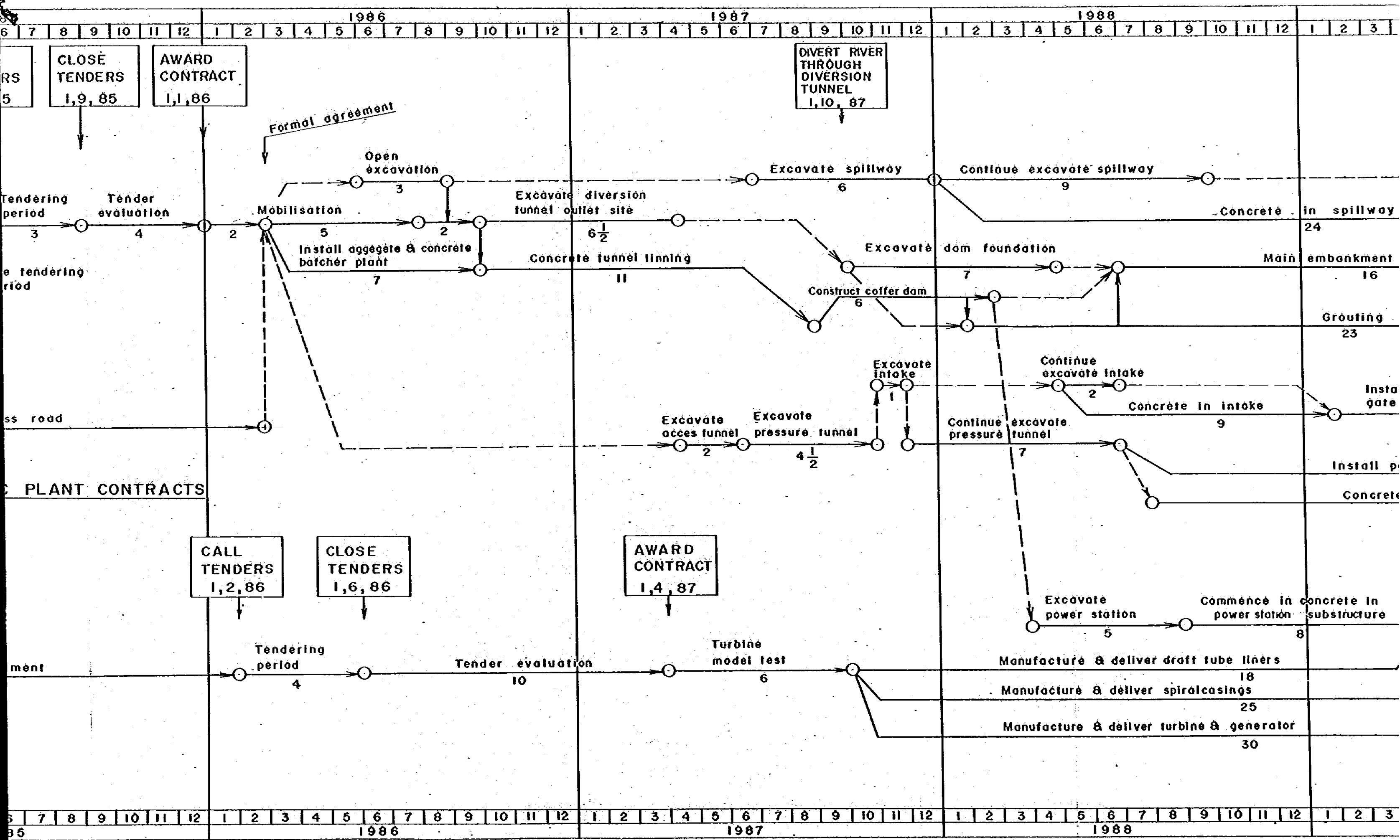
Generating Station	OPERATING	PLANNED OR UNDER CONSTRUCTION	
STEAM	○	⊗	
HYDRO	△	▲	
OIL ENGINE (DISEL)	○	○	
Transmission Lines	OPERATING	PLANNED OR UNDER CONSTRUCTION	PRHE CO LINE
275 KV	—	—	—
132 KV	—	—	—
66 KV	—	—	—

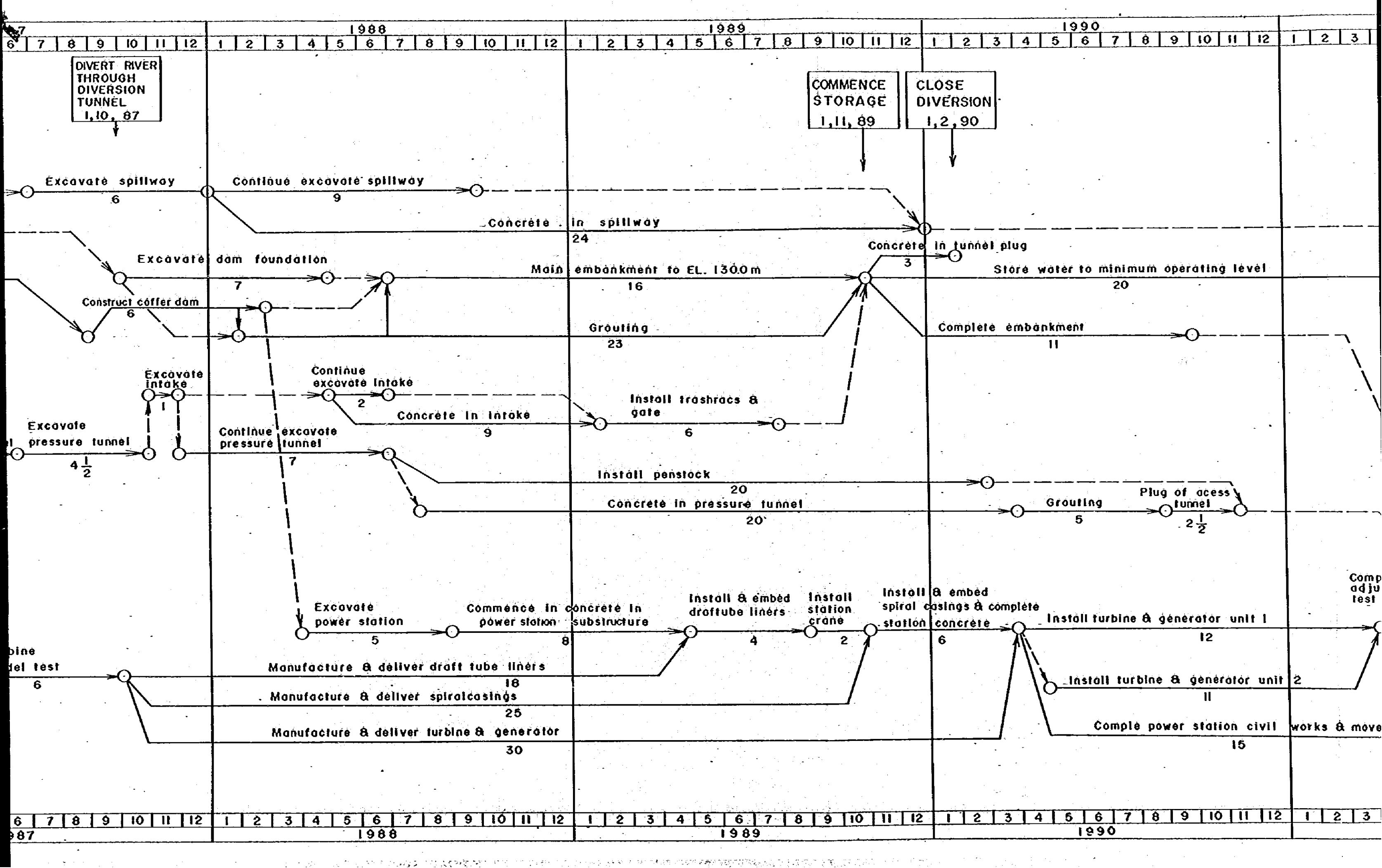
Construction Schedule, Tekai Hydro-electric Power Development Project

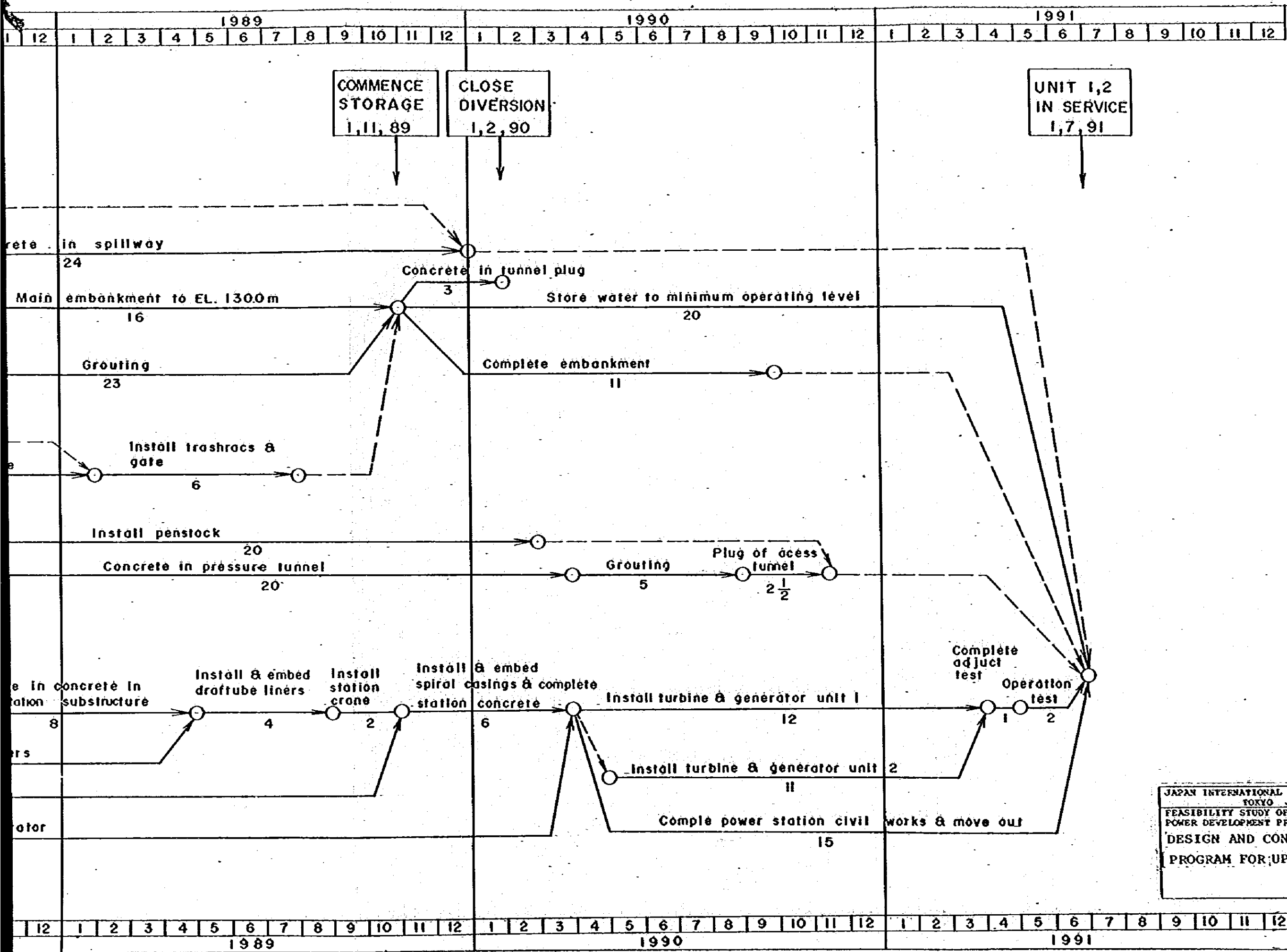


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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
CONSTRUCTION SCHEDULE
 FIGURE XII





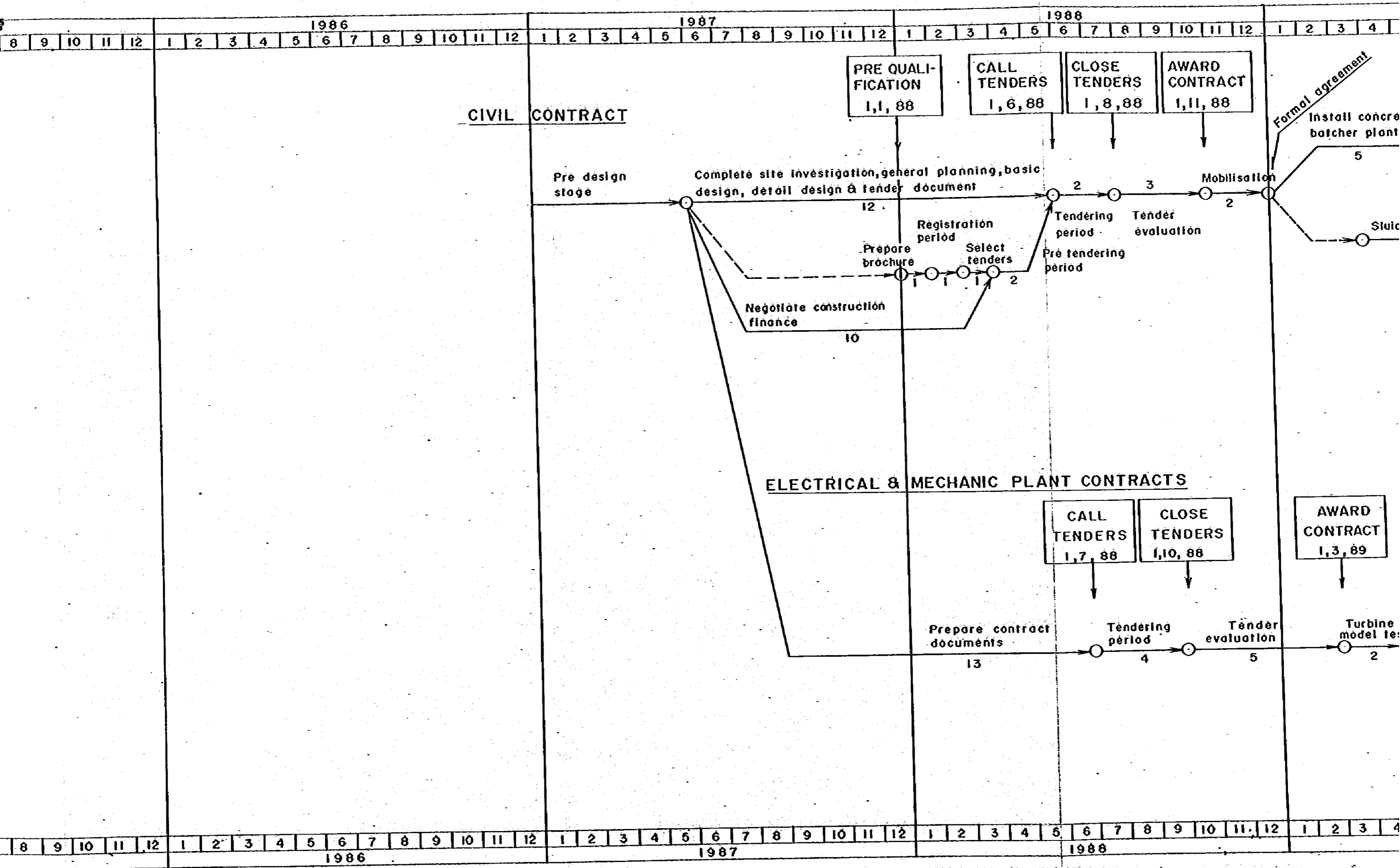


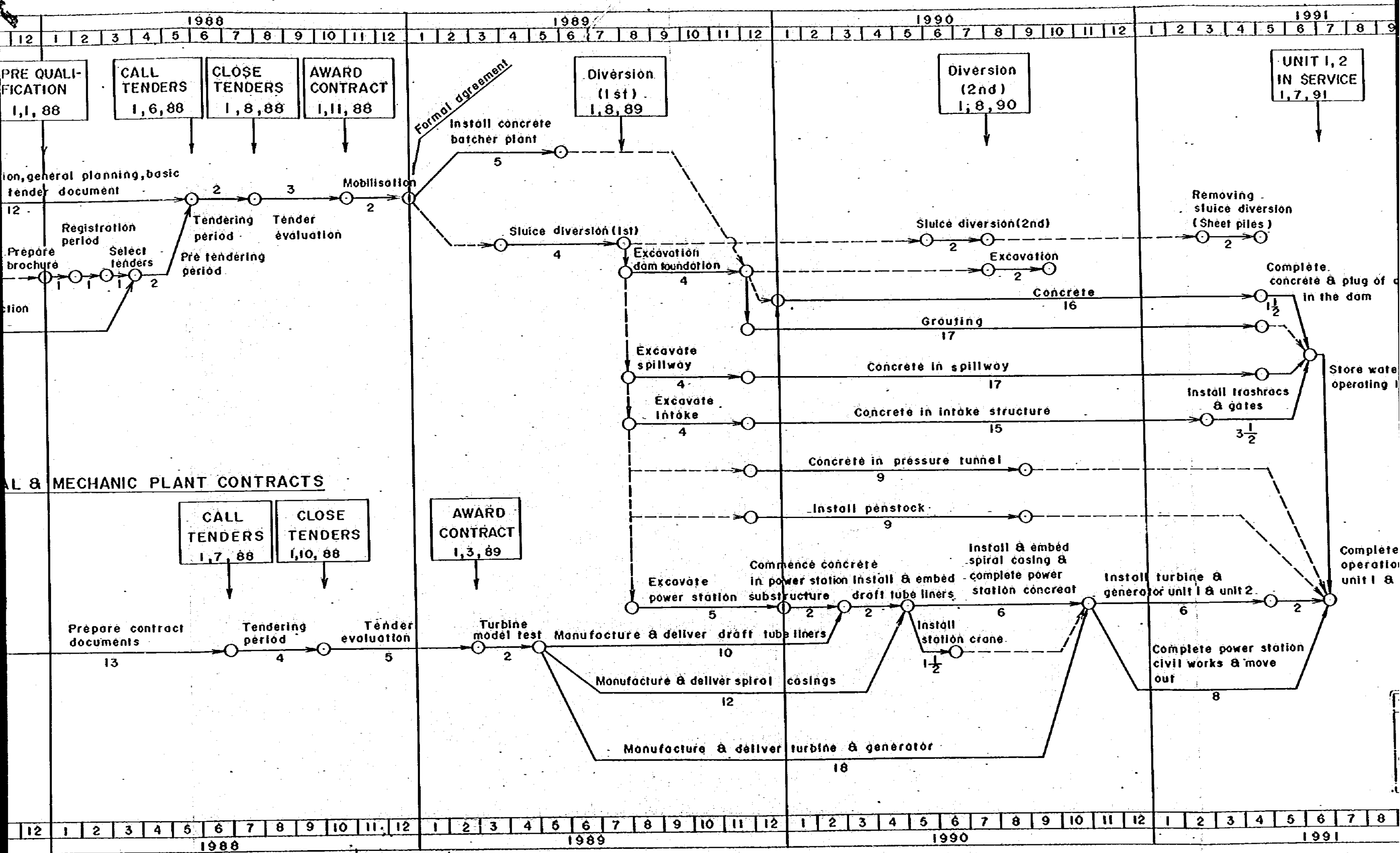


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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
 DESIGN AND CONSTRUCTION
 PROGRAM FOR UPPER TEKAI

FIGURE XIII

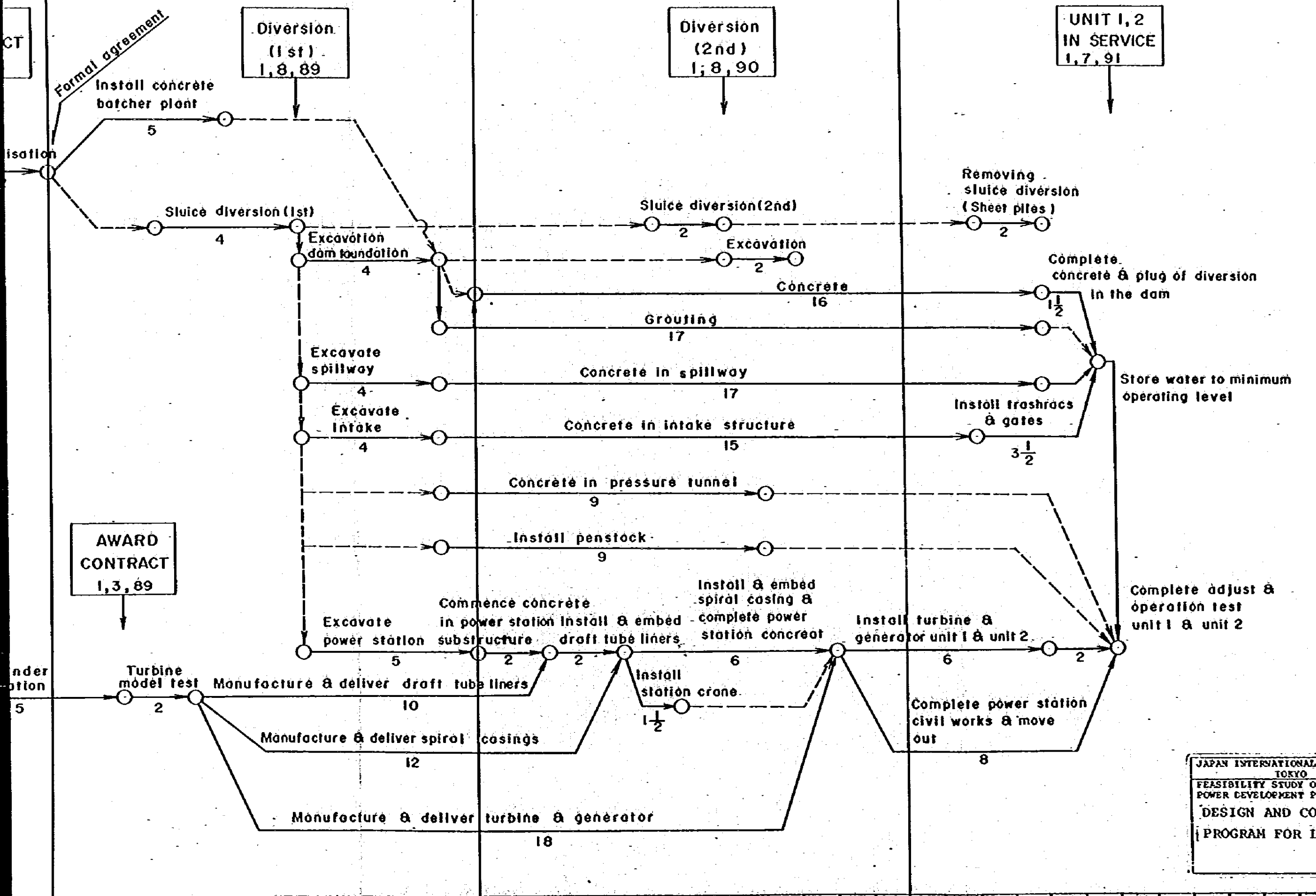
1983												1984												1985														
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
<u>LOWER</u>												<u>TEKAI</u>																										
1983												1984												1985														
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3





1989 1990 1991

12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

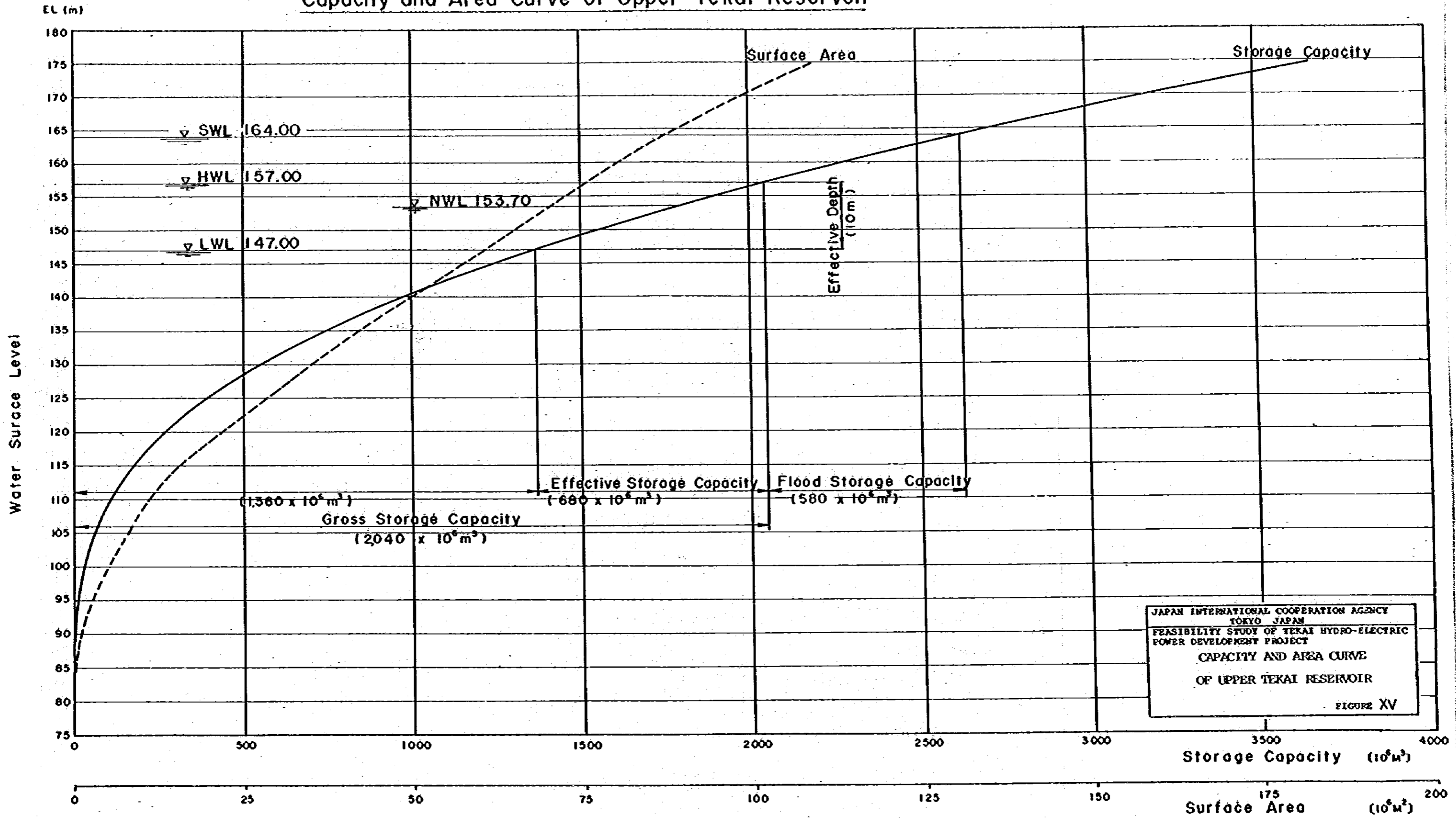


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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
 DESIGN AND CONSTRUCTION
 PROGRAM FOR LOWER TEKAI.
 FIGURE XIV

1989 1990 1991

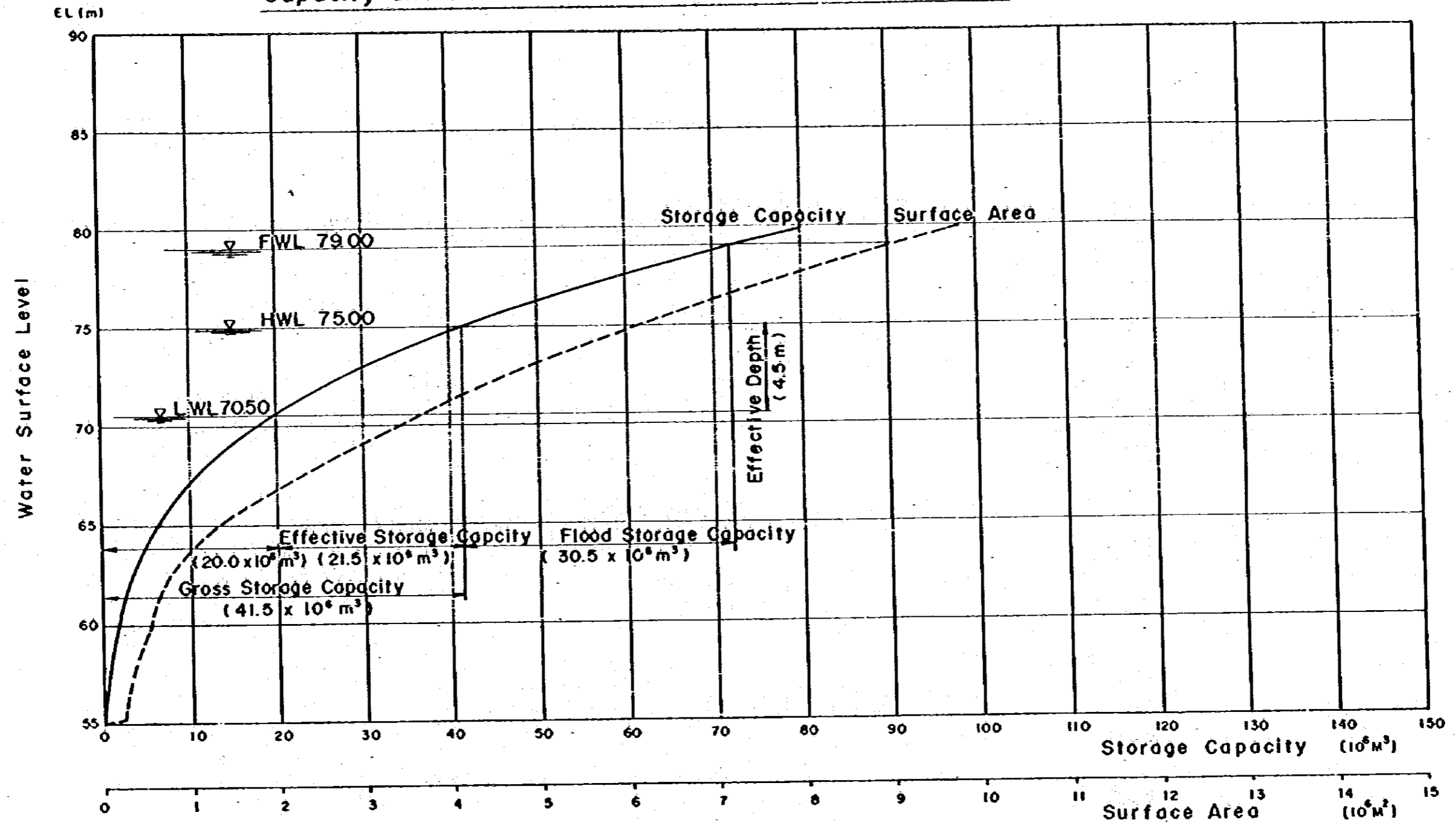
12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

Capacity and Area Curve of Upper Tekai Reservoir



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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
 CAPACITY AND AREA CURVE
 OF UPPER TEKAI RESERVOIR
 FIGURE XV

Capacity and Area Curve of Lower Tekai Reservoir



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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT

 CAPACITY AND AREA CURVE
 OF LOWER TEKAI RESERVOIR

 FIGURE XVI

JICA

THE JICA HOUSEHOLD ELECTRICAL POWER DEVELOPMENT PROJECT

PHASE I: DESIGN AND CONSTRUCTION

5

113
53
113
113