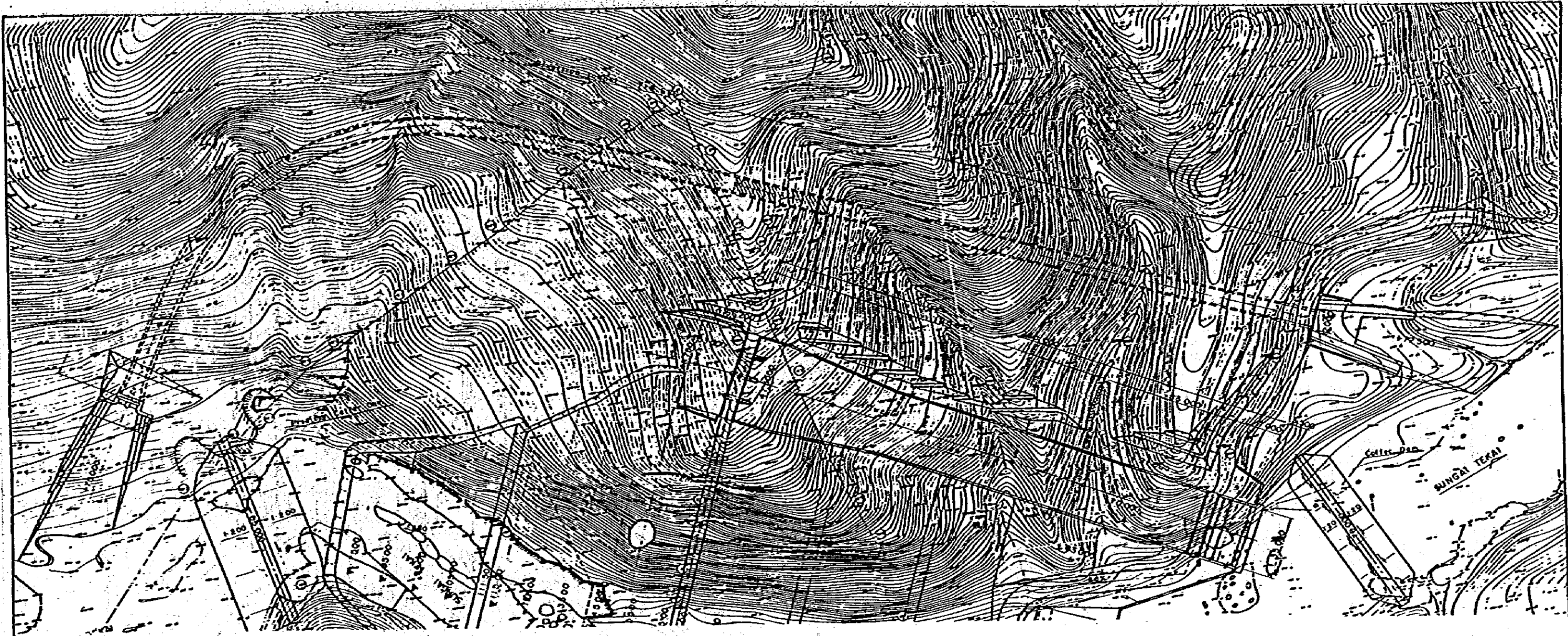
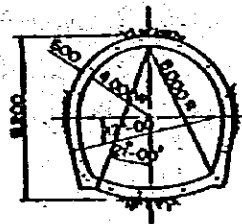
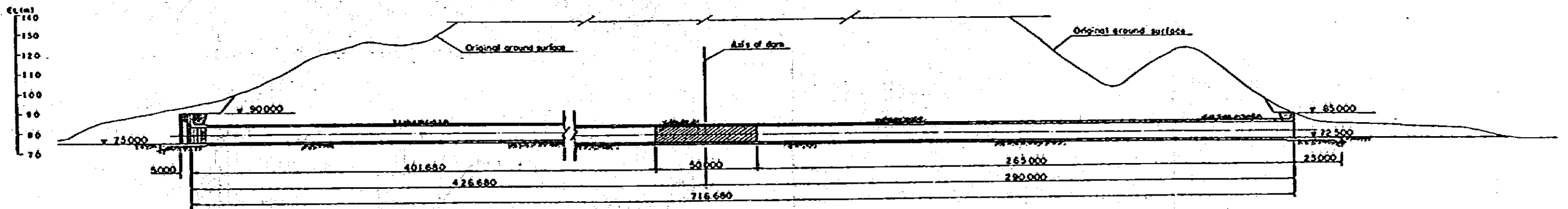


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PROFILE OF DIVERSION TUNNEL



SCALE
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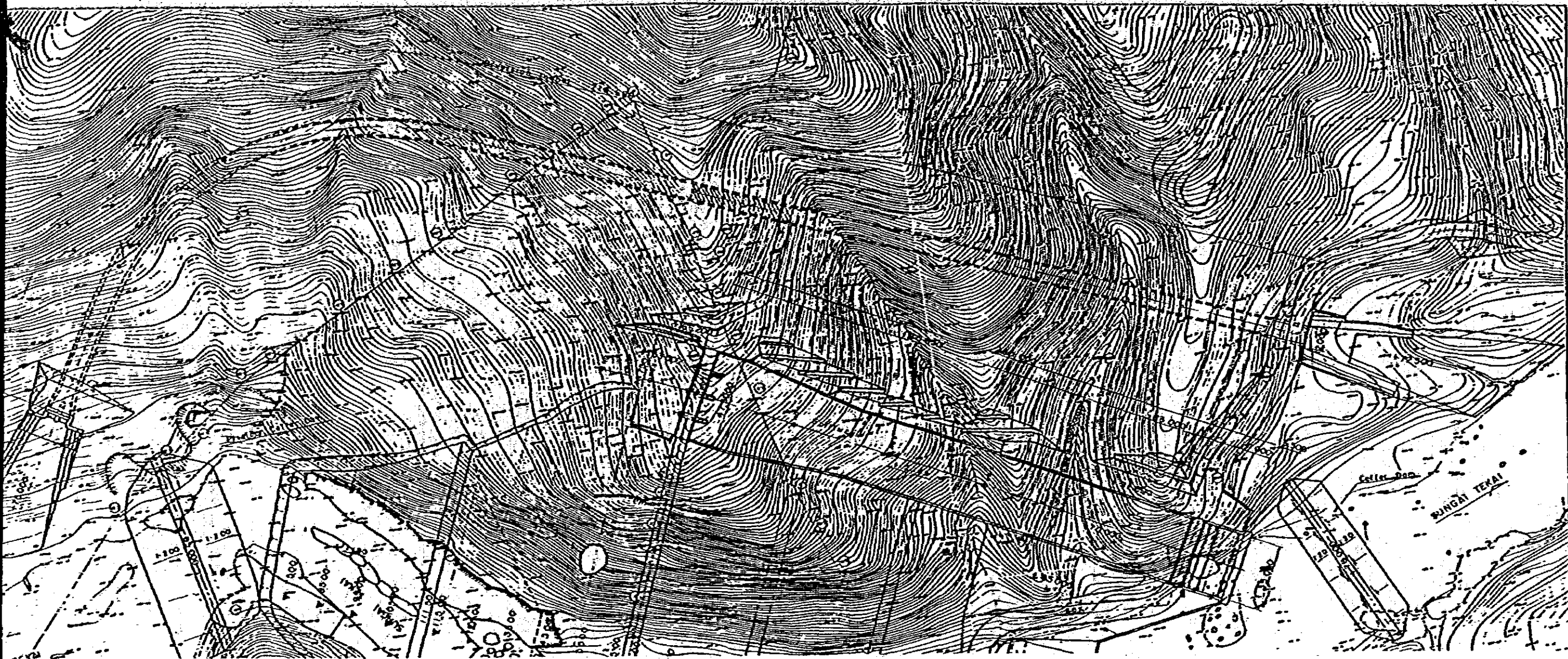


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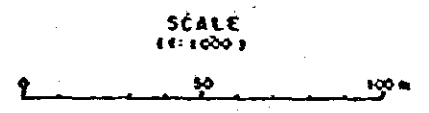
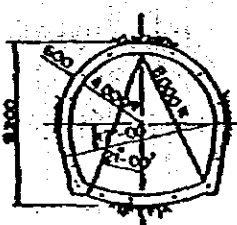
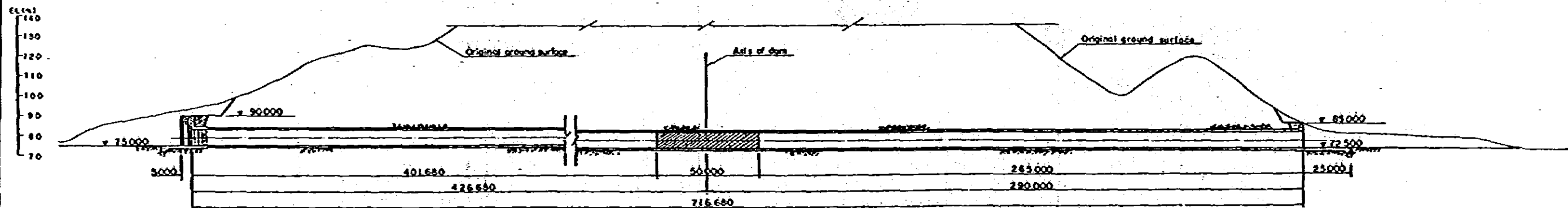
FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
POWER DEVELOPMENT PROJECT

UPPER TEKAI
DIVERSION

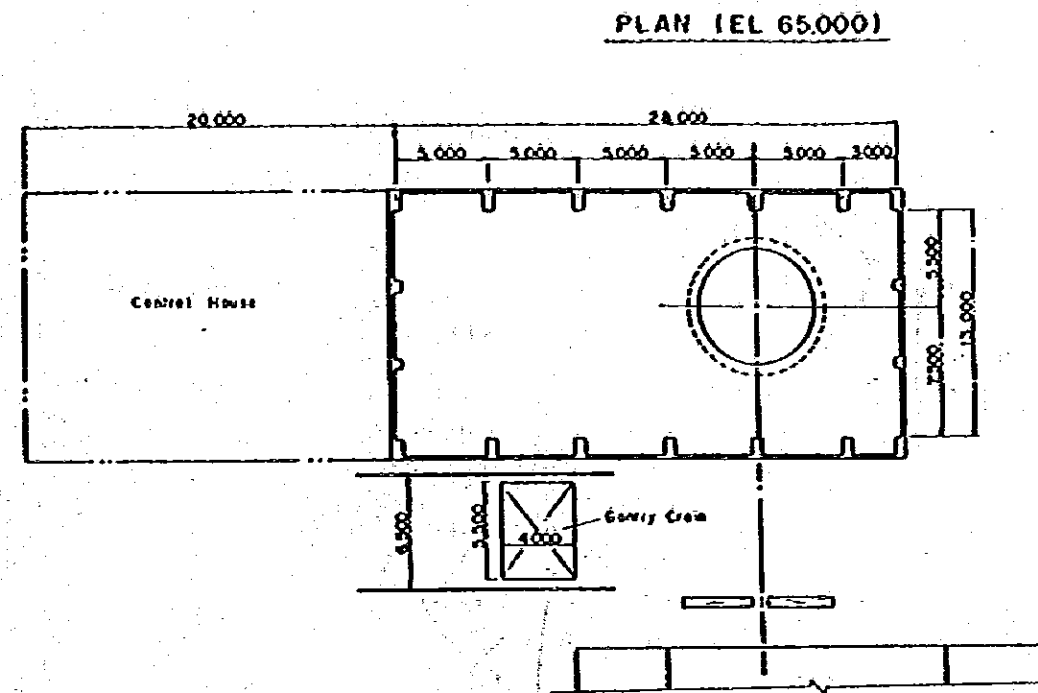
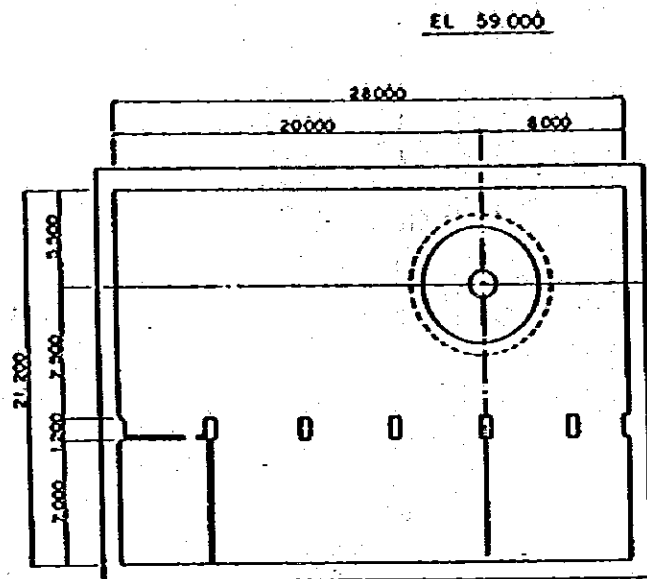
FIGURE - VIII



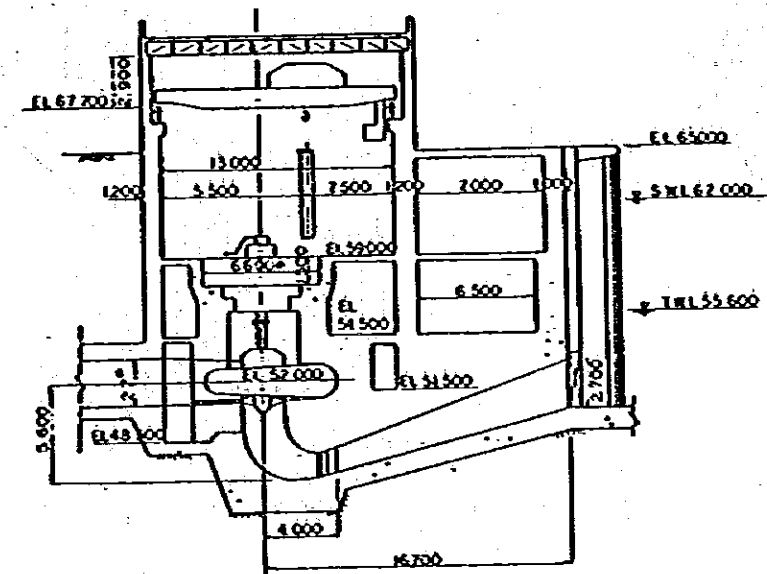
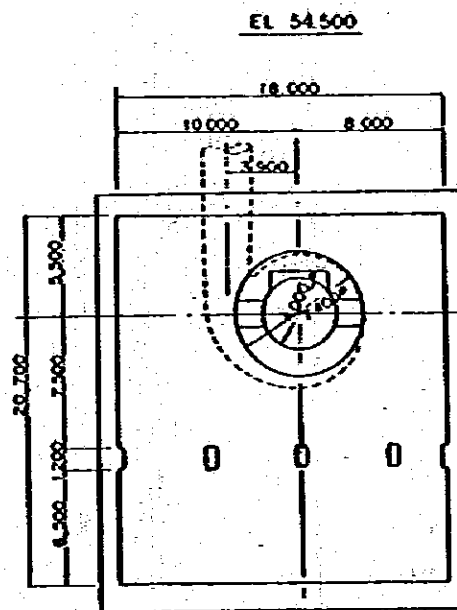
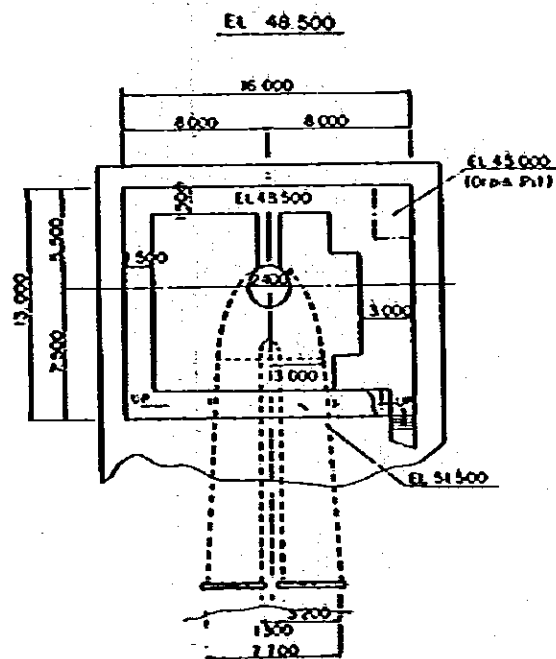
PROFILE OF DIVERSION TUNNEL



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



SECTION



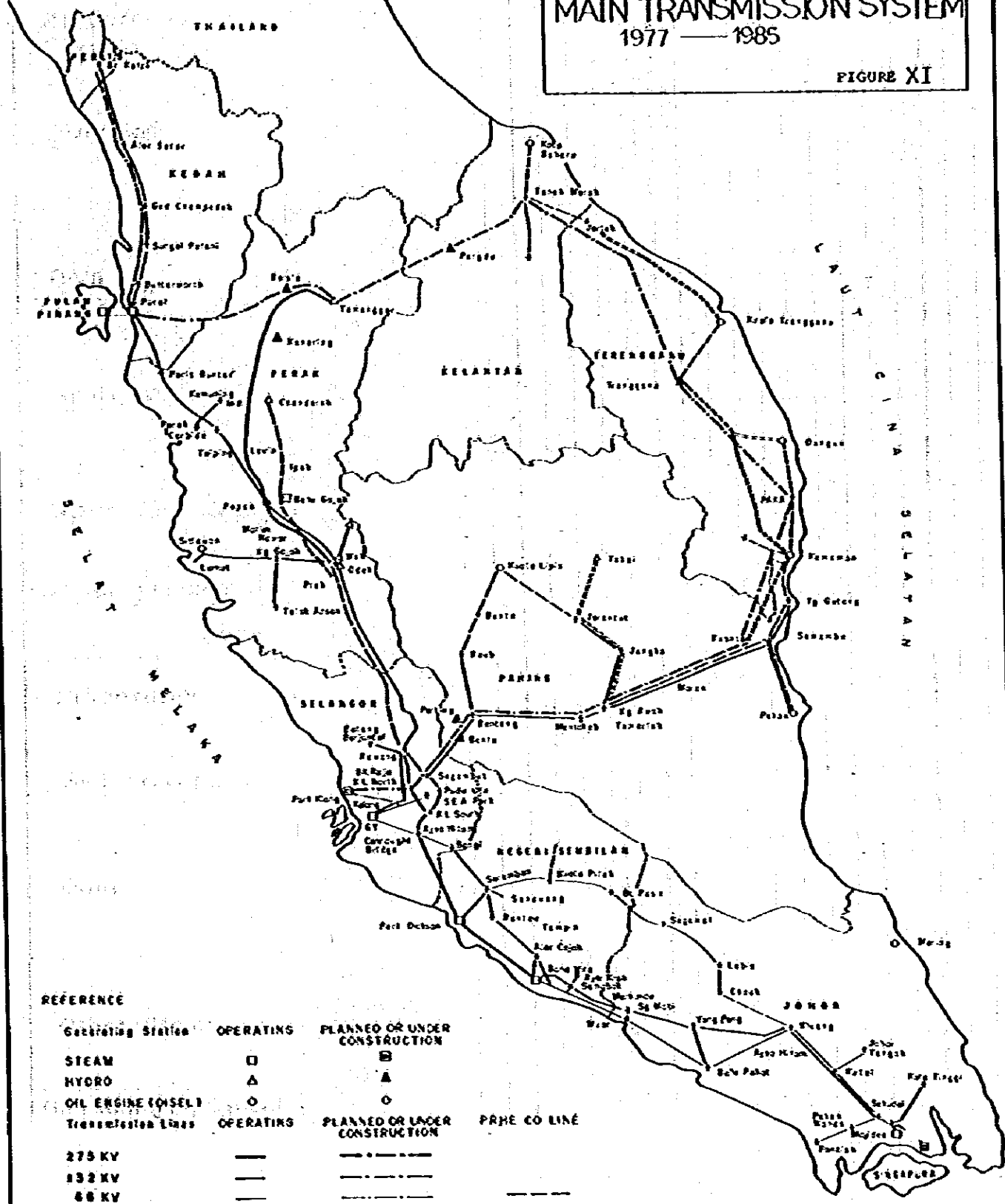
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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
LOWER TEKAI
 POWER STATION
 FIGURE - X

SORT 1-214

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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
MAIN TRANSMISSION SYSTEM
 1977 — 1985

FIGURE XI



REFERENCE

Generating Station	OPERATING	PLANNED OR UNDER CONSTRUCTION
STEAM	□	■
HYDRO	△	▲
OIL ENGINE (DIESEL)	○	○

Transmission Lines	OPERATING	PLANNED OR UNDER CONSTRUCTION	PRHE CO LINE
275 KV	—	---	----
132 KV	—	---	----
66 KV	—	---	----

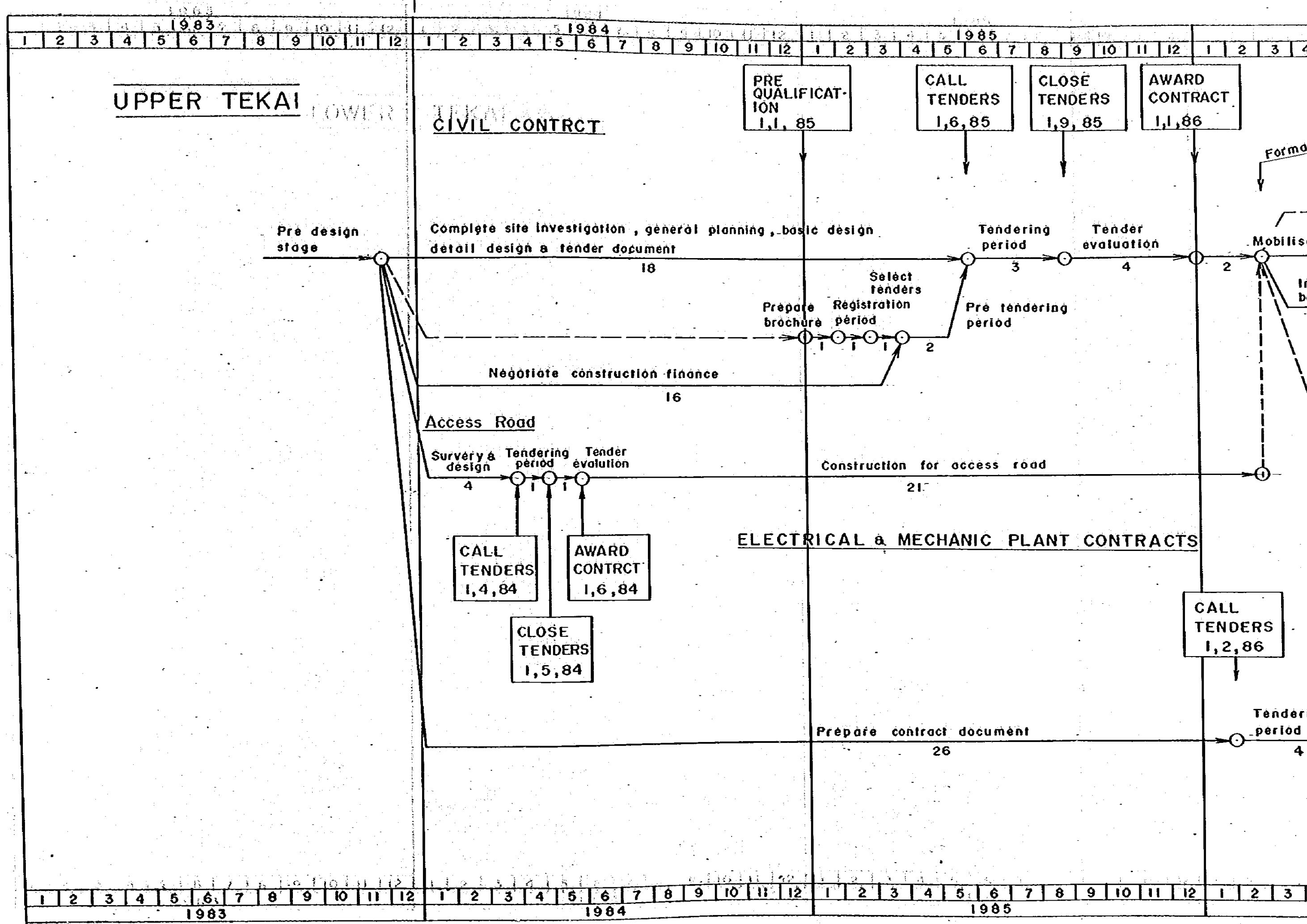
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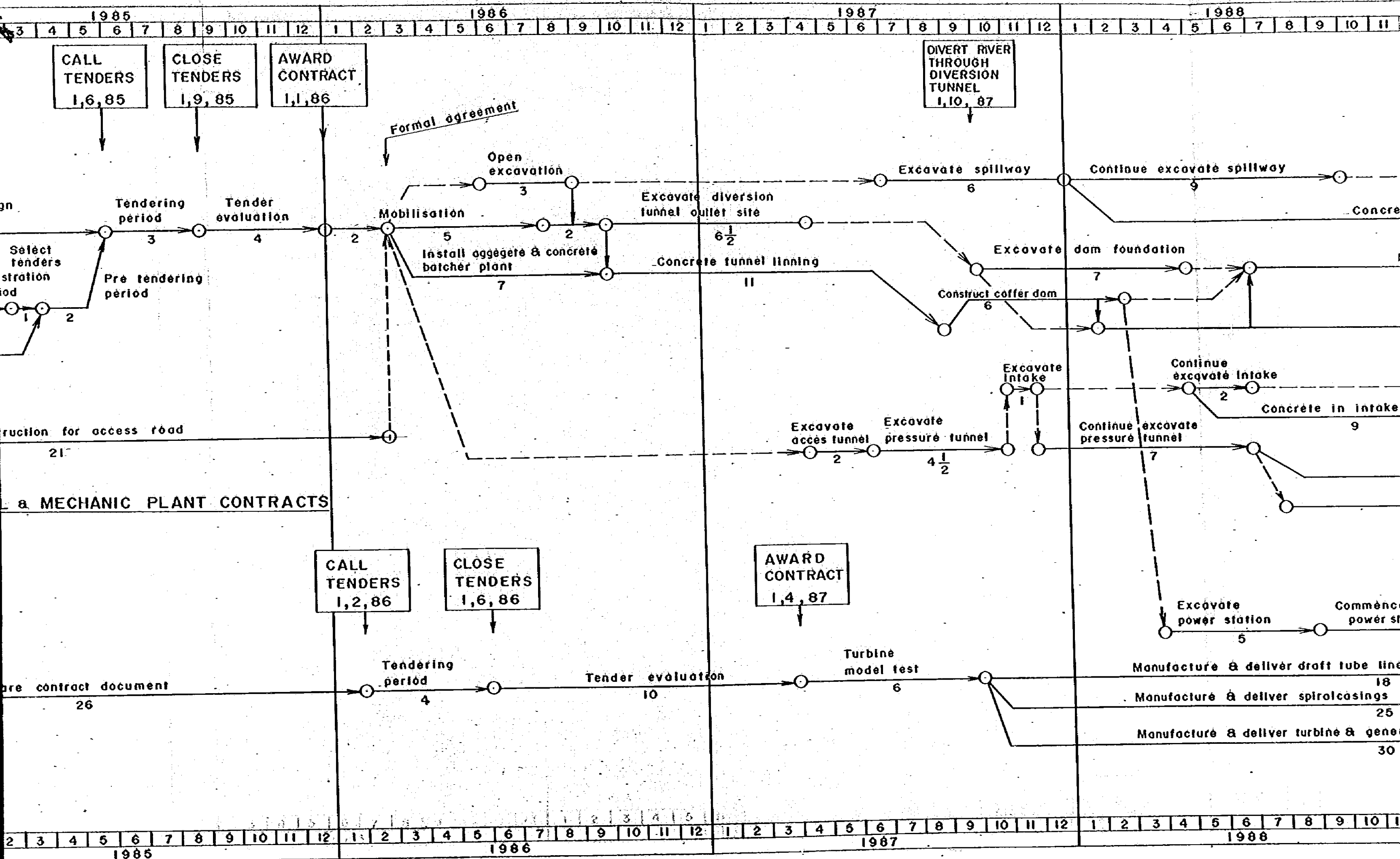
Construction Schedule, Tekai Hydro-electric Power Development Project

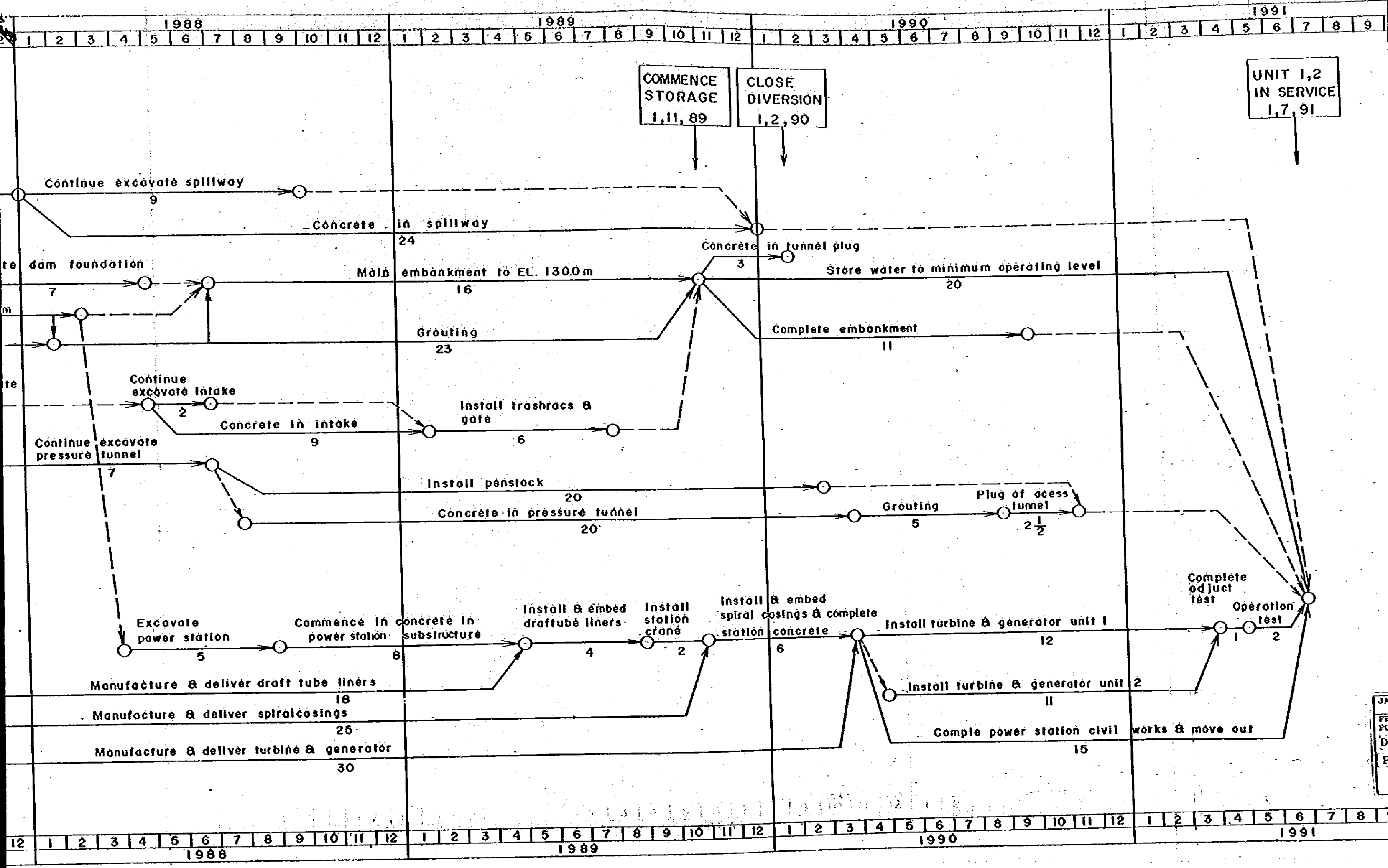
Description of Works		Unit	Quantity	1984	1985	1986	1987	1988	1989	1990	1991
(Upper Tekai)											
Préparation	Access Road	L. S	1	-----		○					
	Temporary Facilities	L. S	1	-----		○					
Diversion	Excavation	m ³	57.700			○	○				
	Tunnel Excavation	m ³	56.000			○	○				
	Lining Concrete	m ³	16.500			○	○				
	Coffer Dam	m ³	357.900			○	○				
	Others	L. S	1			○	○				
Dam	Excavation	m ³	442.000				○	○			
	Embankment	m ³	2.795.000				○	○			
	Grouting	L. S	1				○	○			
	Others	L. S	1				○	○			
Spillway	Excavation	m ³	283.000				○	○			
	Concrete	m ³	48.450				○	○			
	Others	L. S	1				○	○			
Other Structures	Intake	L. S	1				○	○			
	Penstock	L. S	1				○	○			
	Power House, Switch Yard	L. S	1						○	○	
	Others	L. S	1						○	○	
Generating Equipment	L. S	1							○	○	
(Lower Tekai)											
Préparation	Access Road	L. S	1						○	○	
	Temporary Facilities	L. S	1						○	○	
Sluice Diversion	(1st)	L. S	1						○	○	
	(2nd)	L. S	1						○	○	
	Others	L. S	1						○	○	
Dam	Excavation	m ³	42.300						○	○	
	Concrete	m ³	56.900						○	○	
	Grouting	L. S	1						○	○	
	Others	L. S	1						○	○	
Other Structures	Intake	L. S	1						○	○	
	Penstock	L. S	1						○	○	
	Power House, Switch Yard	L. S	1						○	○	
	Others	L. S	1						○	○	
Generating Equipment	L. S	1							○	○	

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FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
POWER DEVELOPMENT PROJECT

CONSTRUCTION SCHEDULE







COMMENCE STORAGE
1, 11, 89

CLOSE DIVERSION
1, 2, 90

UNIT 1, 2
IN SERVICE
1, 7, 91

Continue excavate spillway

Concrete in spillway

Complete dam foundation

Main embankment to EL. 130.0m

Concrete in tunnel plug

Store water to minimum operating level

Grouting

Complete embankment

Continue excavate intake

Concrete in intake

Install trashracs & gate

Continue excavate pressure tunnel

Install penstock

Concrete in pressure tunnel

Grouting

Plug of access tunnel

Excavate power station

Commence concrete in power station substructure

Install & embed draft tube liners

Install station crane

Install & embed spiral casings & complete station concrete

Install turbine & generator unit 1

Complete object test

Operation test

Manufacture & deliver draft tube liners

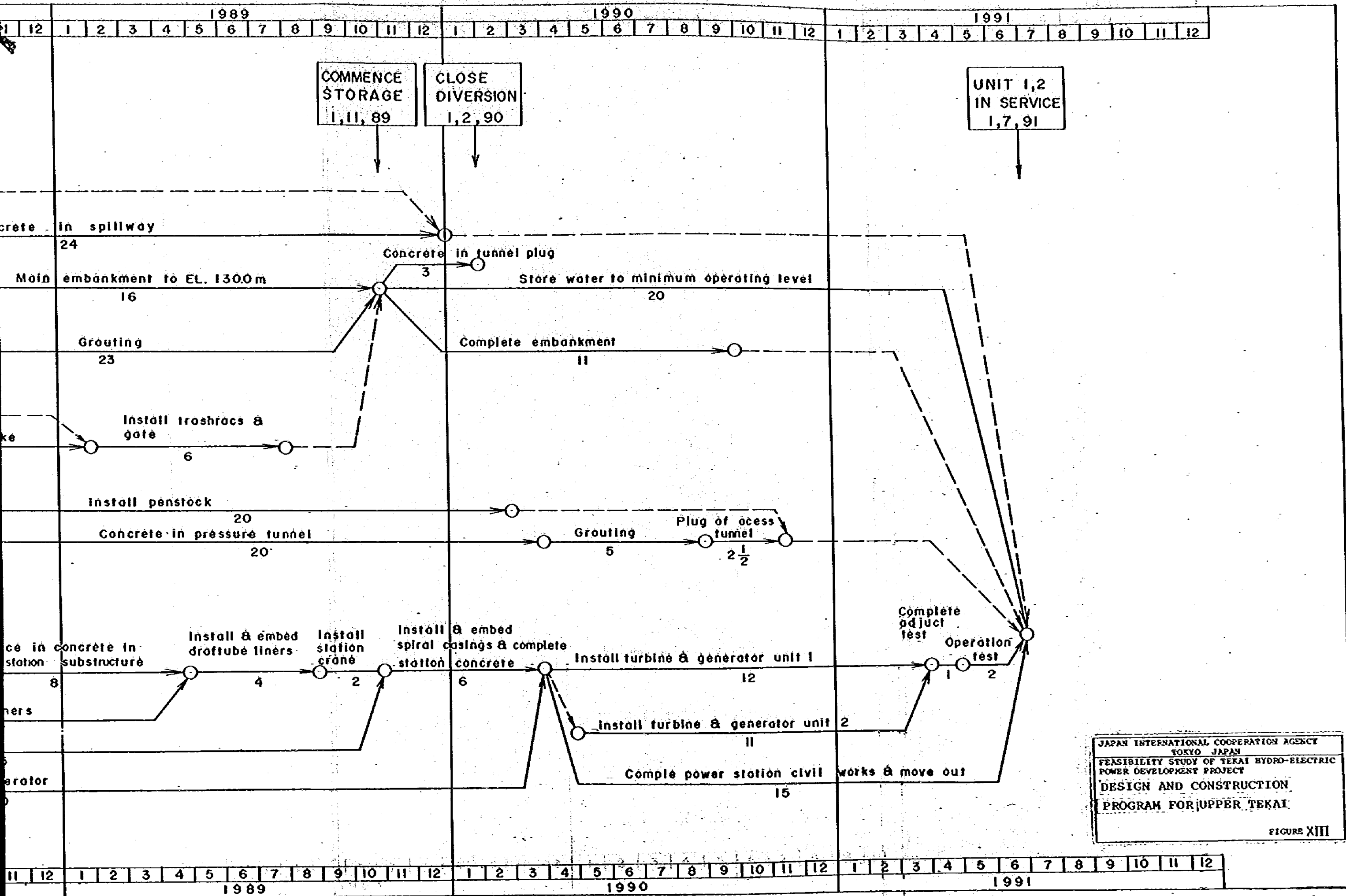
Manufacture & deliver spiral casings

Manufacture & deliver turbine & generator

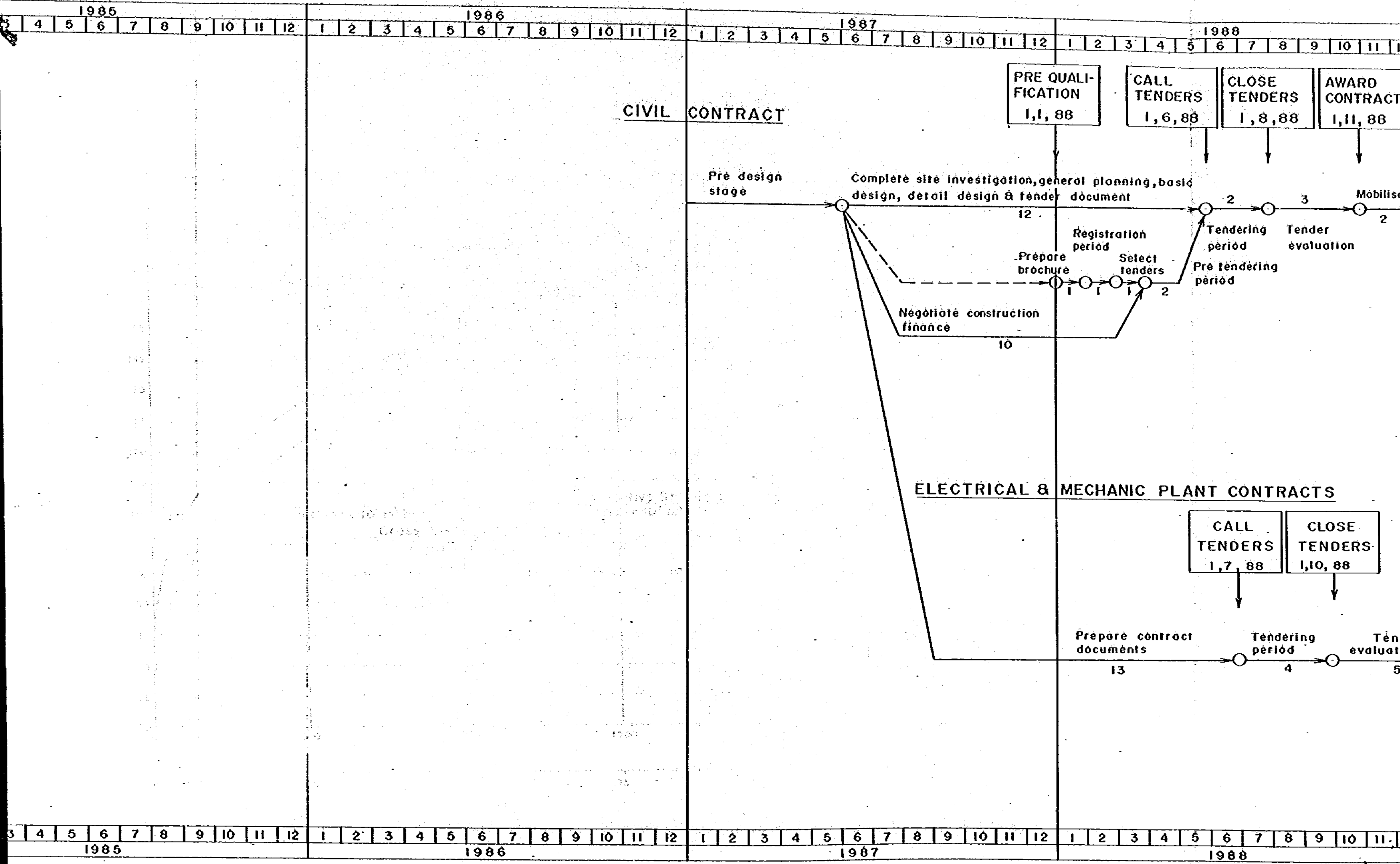
Install turbine & generator unit 2

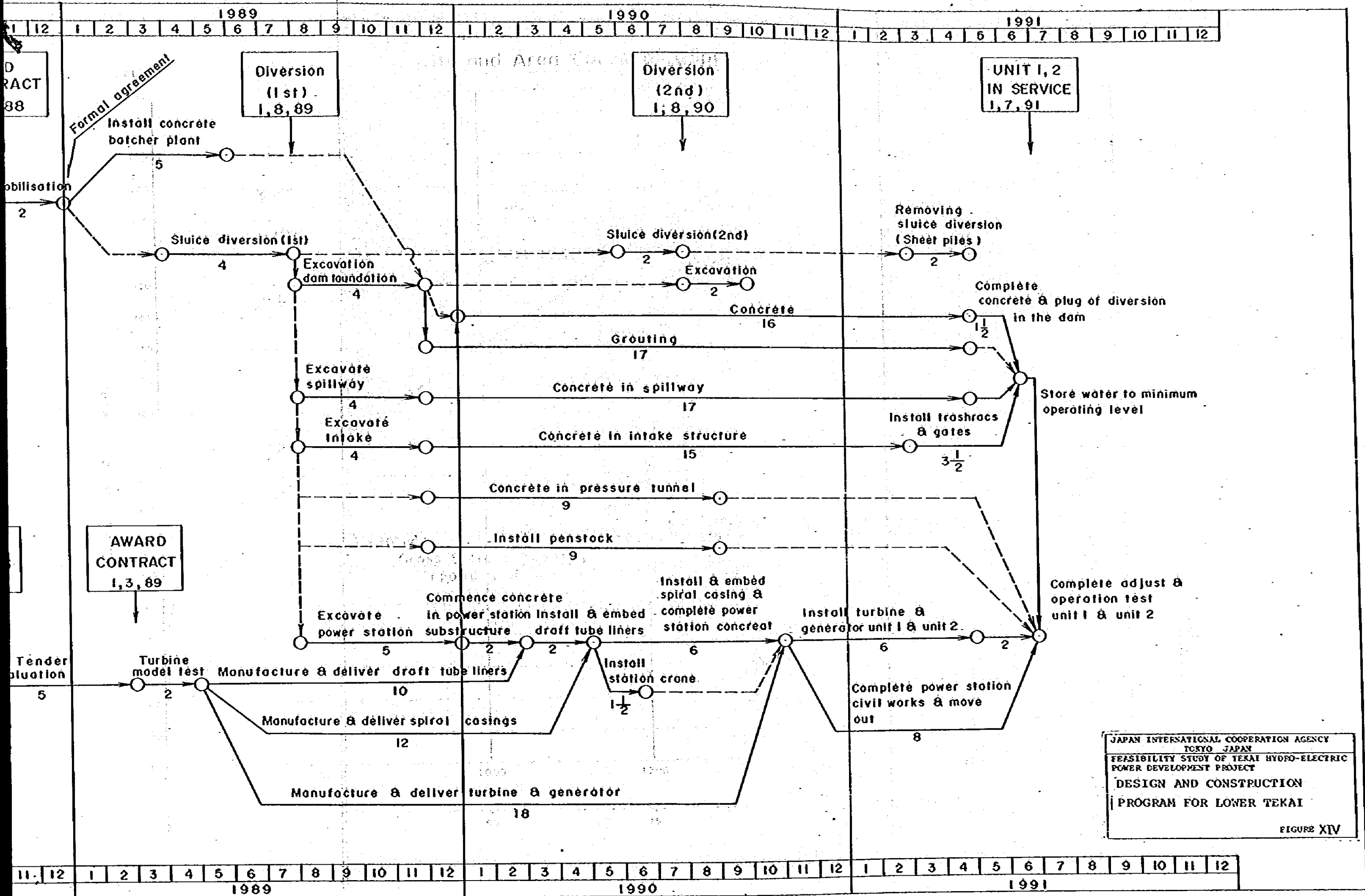
Complete power station civil works & move out

JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC



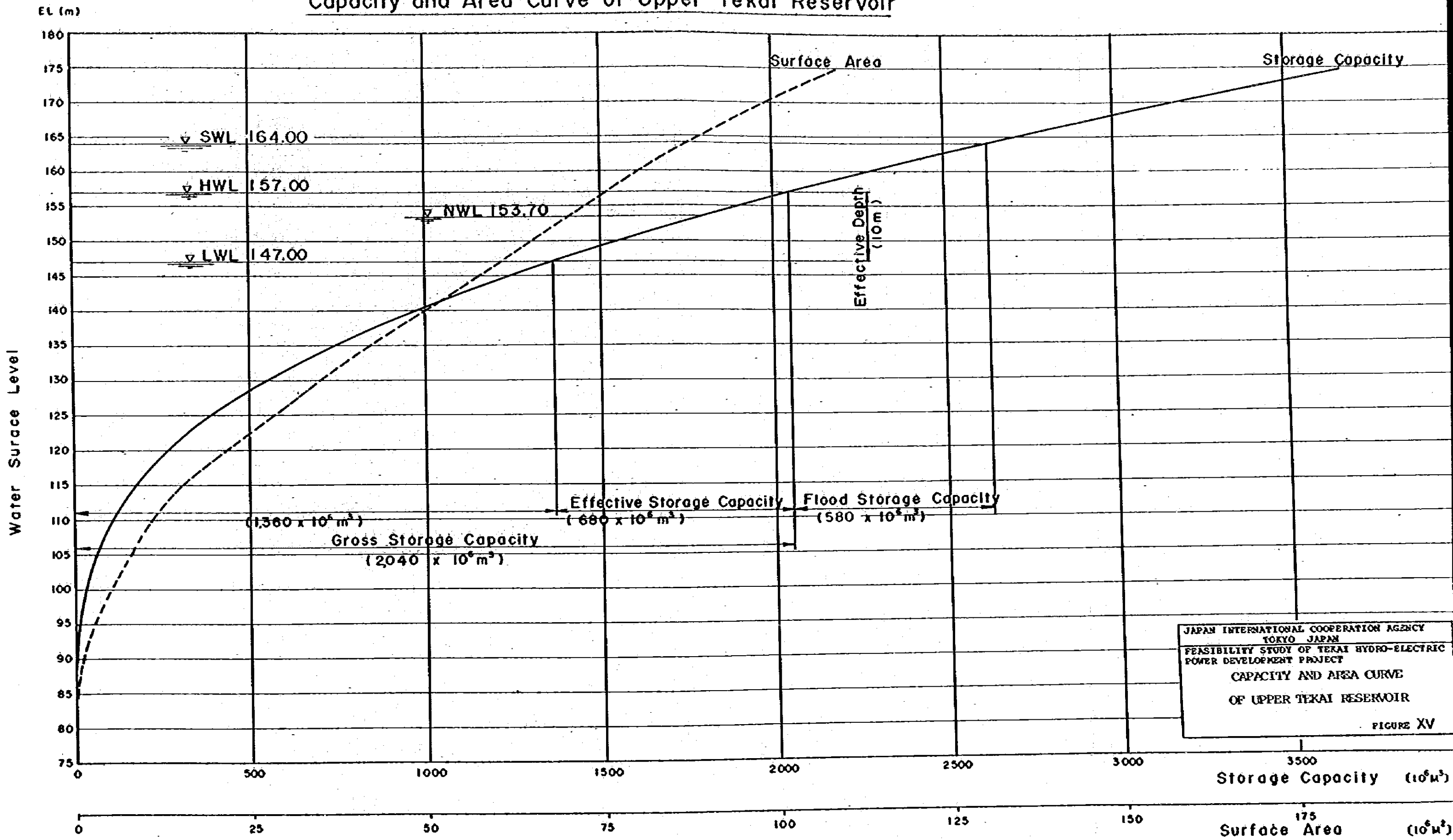
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 POWER DEVELOPMENT PROJECT
 DESIGN AND CONSTRUCTION
 PROGRAM FOR UPPER TEKAI
 FIGURE XIII





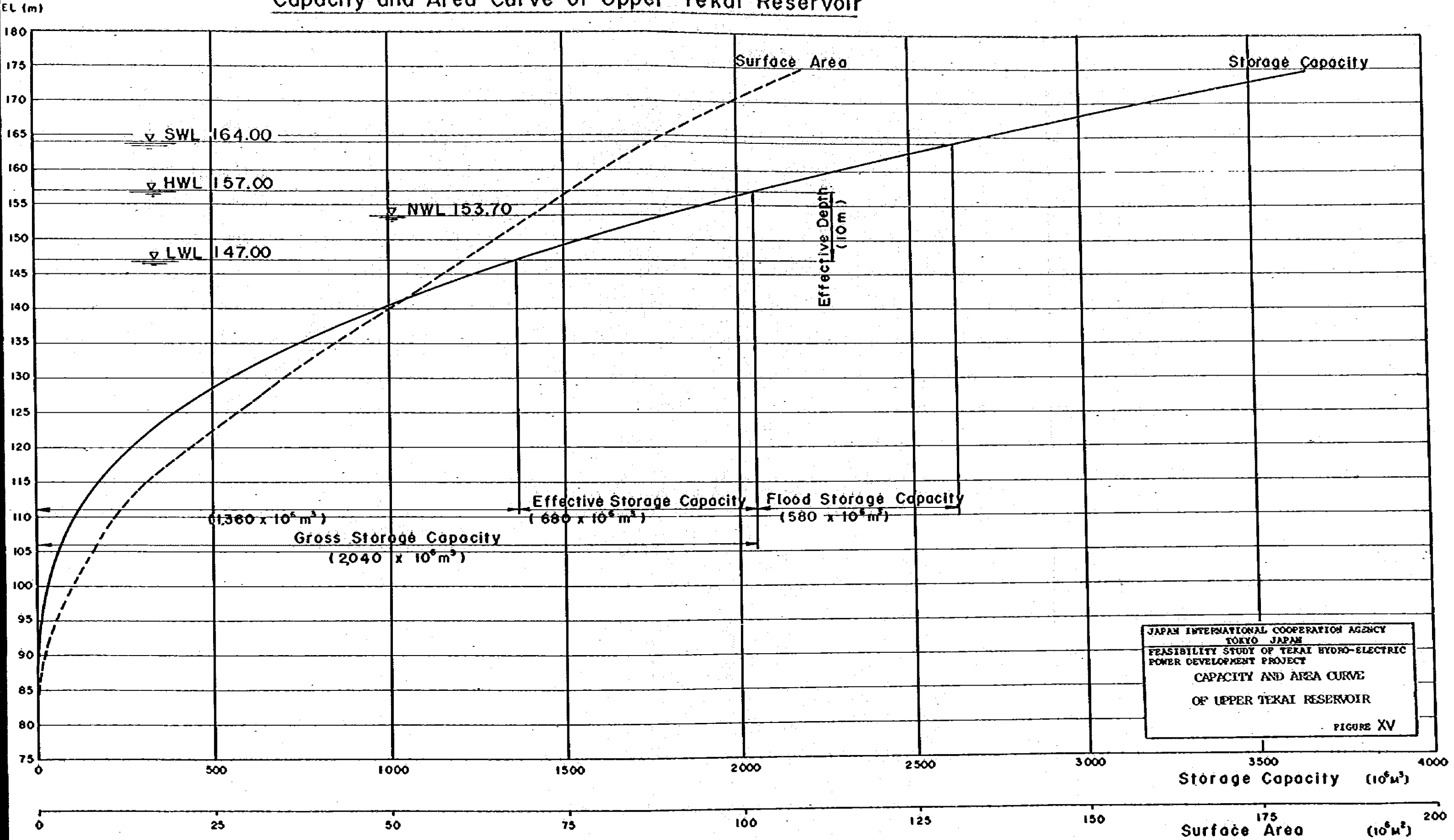
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 POWER DEVELOPMENT PROJECT
 DESIGN AND CONSTRUCTION
 PROGRAM FOR LOWER TEKAI
 FIGURE XIV

Capacity and Area Curve of Upper Tekai Reservoir

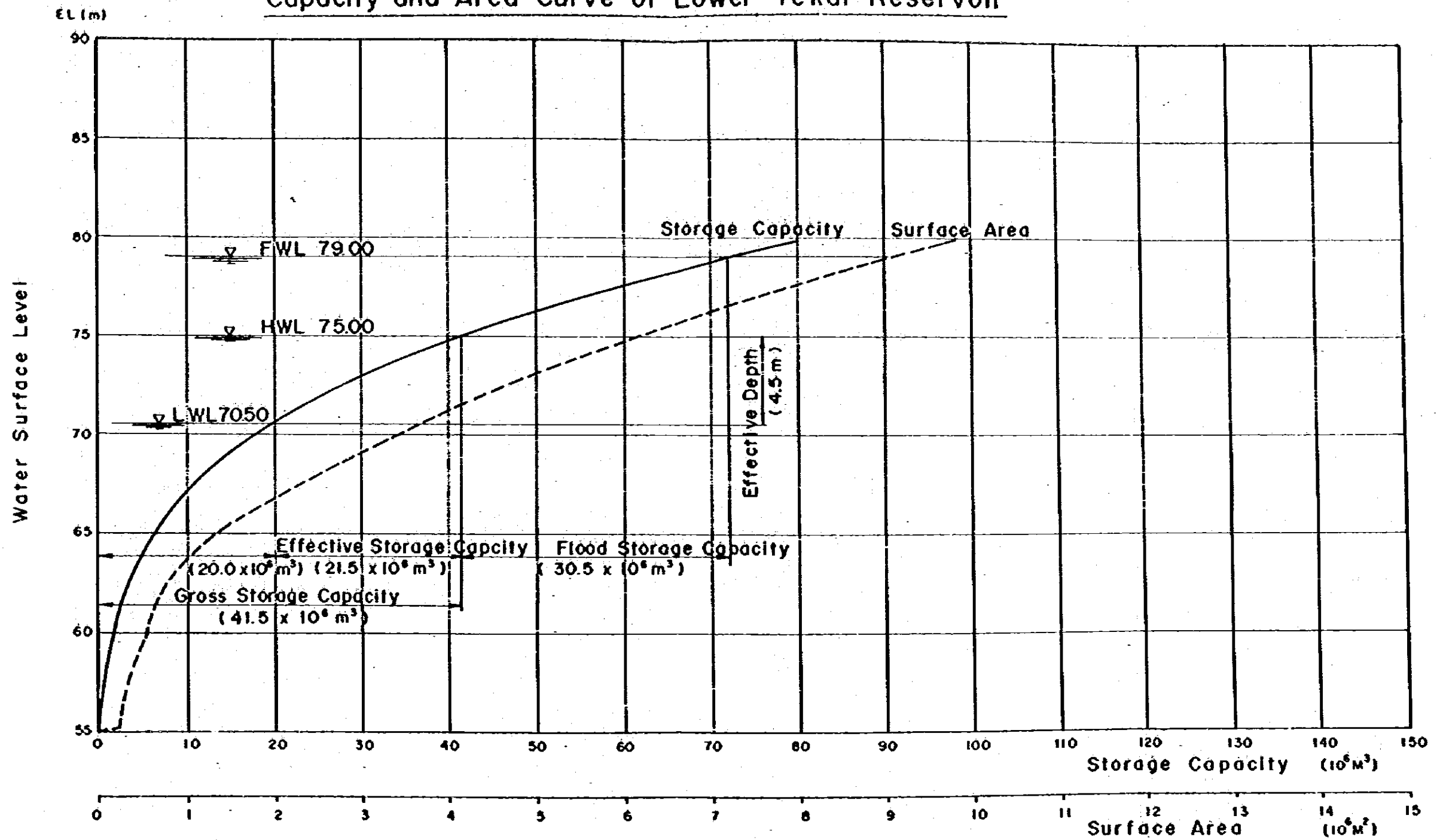


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 FEASIBILITY STUDY OF TEKAI HYDRO-ELECTRIC
 POWER DEVELOPMENT PROJECT
 CAPACITY AND AREA CURVE
 OF UPPER TEKAI RESERVOIR
 FIGURE XV

Capacity and Area Curve of Upper Tekai Reservoir



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

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