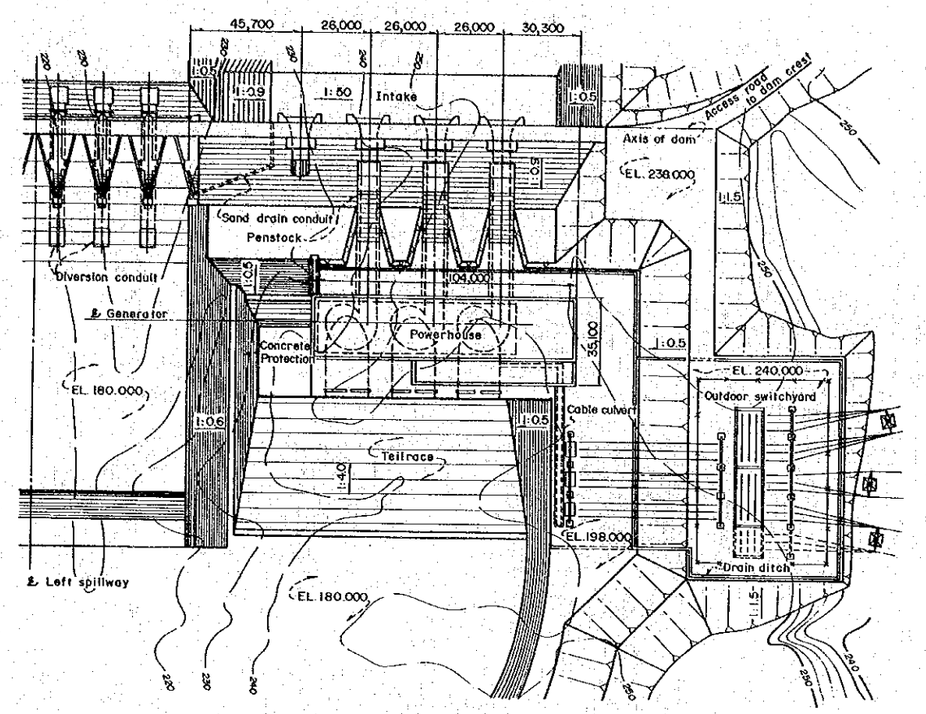
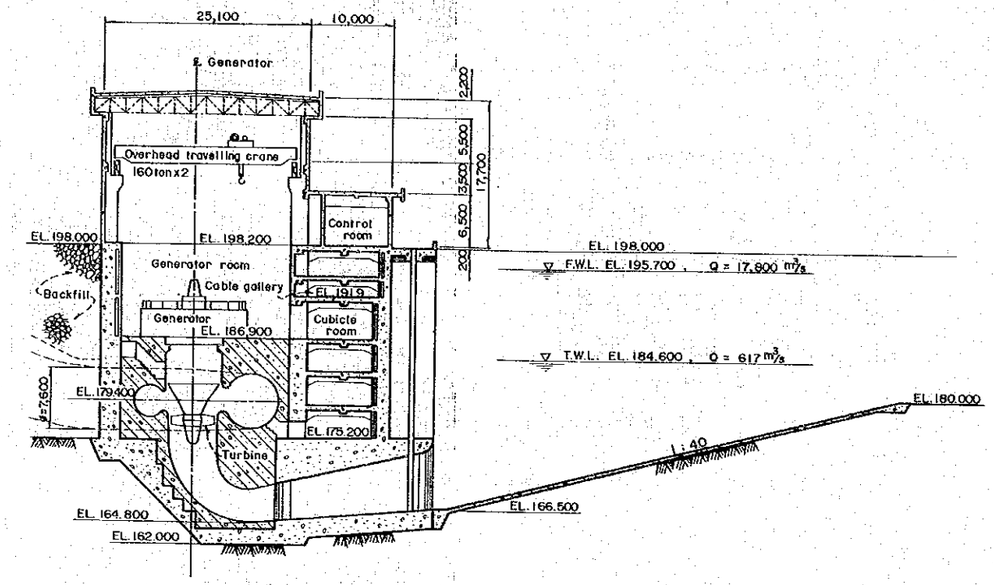
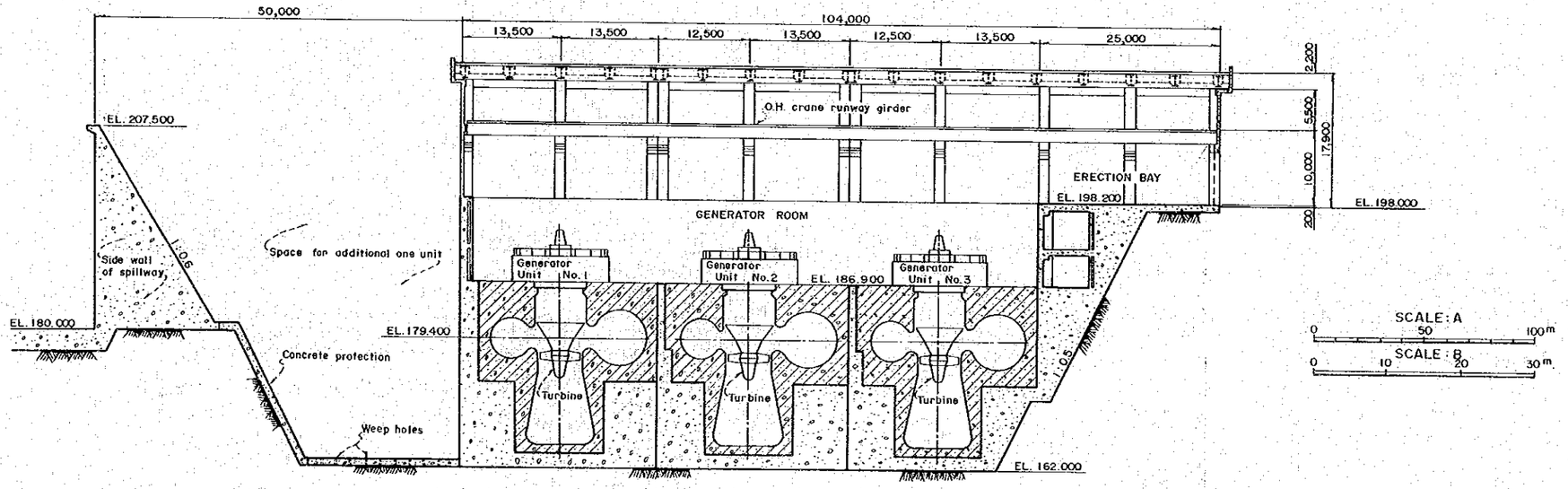


PLAN OF POWERHOUSE AND SWITCHYARD SCALE : A



TRANSVERSE SECTION SCALE : B



LONGITUDINAL SECTION SCALE : B

図－10　発電所断面図（最適計画案：フィルダム、B地点、常時満水位230、設備容量225MW）

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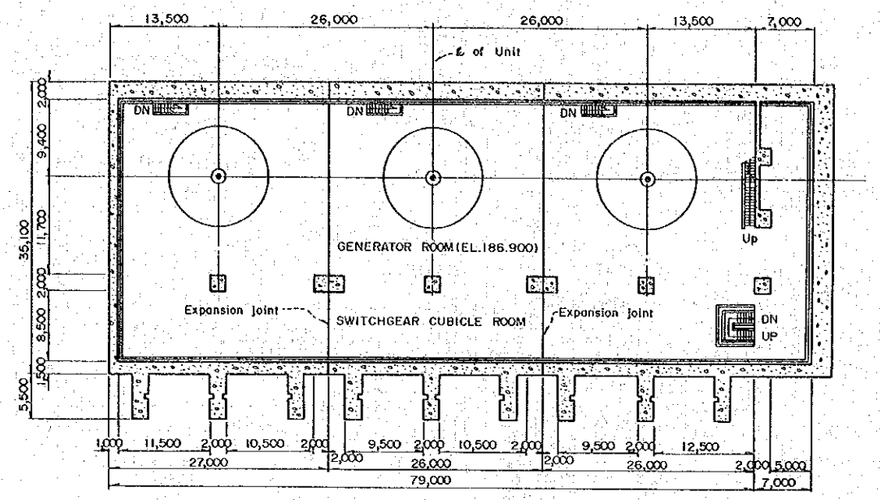
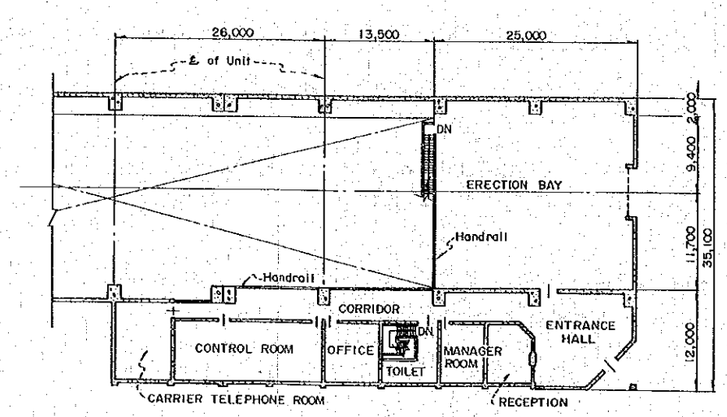
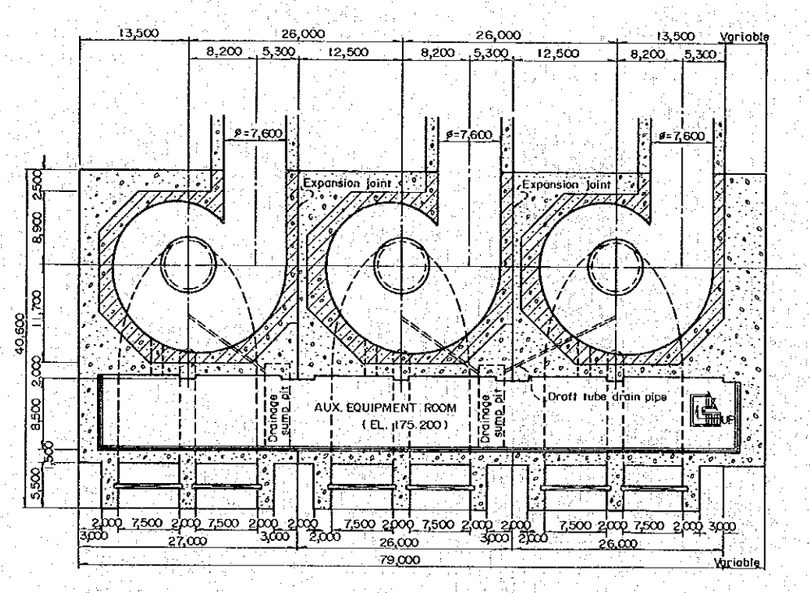
図－11



PLAN AT EL. 186.900



GROUND FLOOR (EL. 198.200)



PLAN AT EL. 179.400

SCALE
0 10 20 30m

図－11　発電所平面図（最適計画案：フィルダム、B地点、常時満水位230、設備容量225MW）

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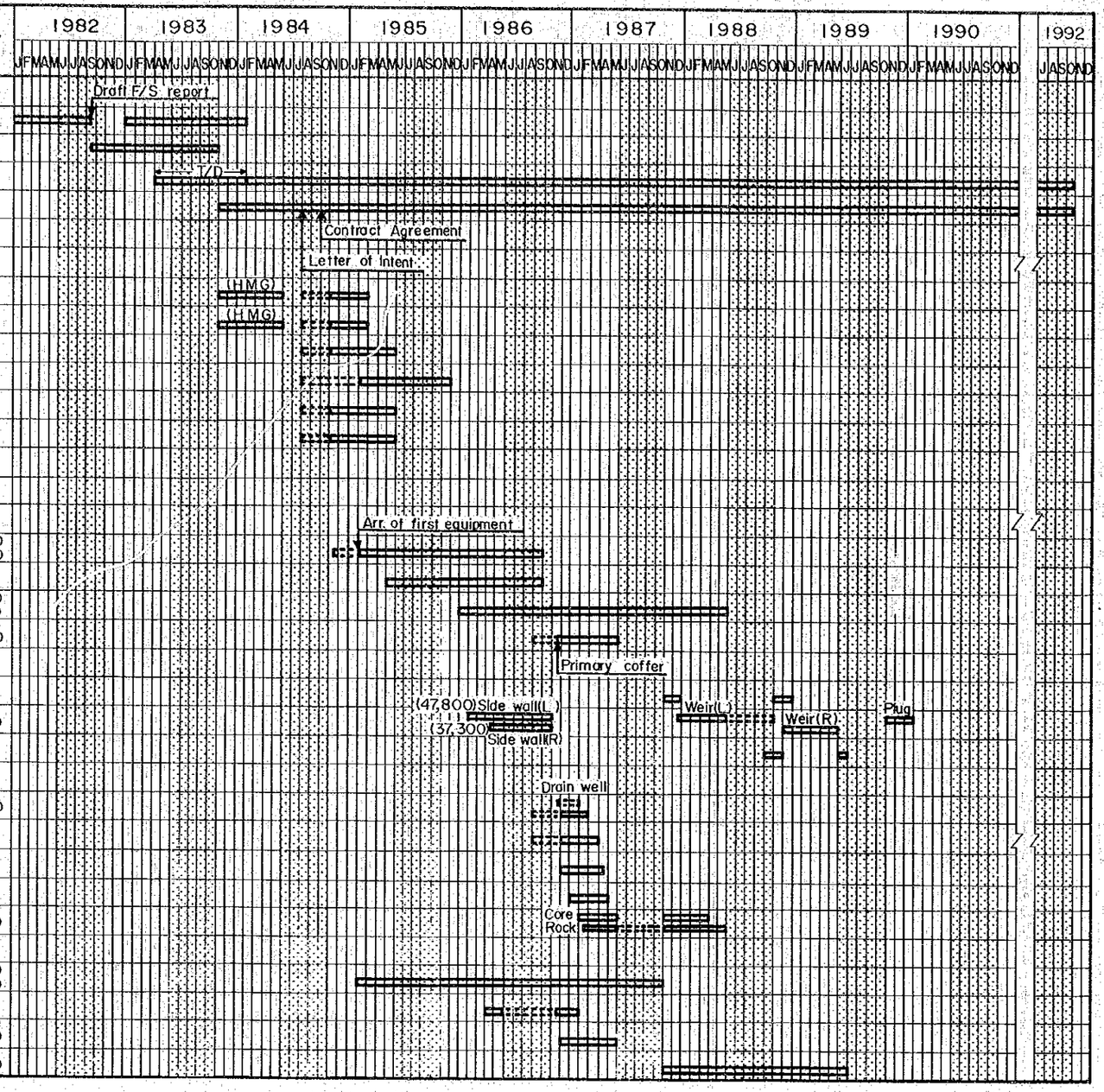
図－12

NO.	DESCRIPTIONS	QUANTITY (M³)
I	PROJECT PREPARATION	
	1. F/S & D/investigation	
	2. Loan financing	
	3. Tender design & supervision	
	4. Tender/contract (Civil)	
II	PREPARATORY WORKS	
	1. Access road	
	2. Power supply system	
	3. Water supply system	
	4. Plants	
	5. Office & quarters	
	6. Stores, etc.	
III	CIVIL WORKS	
	1. Diversion works	
	Excavation	(C) 2,587,000 (R) 3,160,000
	Protection wall(shotcrete)	
	Partition wall	(L) 125,000 (R) 107,000
	Cofferdams	293,000
	2. Spillway	
	Found. treatment	
	Concrete	392,000
	Bridge	
	3. Dam	
	Excavation	73,000
	Cut-off wall	
	Found. treatment	
	Inspection gallery	
	Embankment	1,845,000
	4. Intake	
	Excavation	(C) 325,000 (R) 478,000
	Found. treatment	
	Protection wall	6,000
	Concrete	131,000



図－12　サプトガンダキ工事工程表(1)

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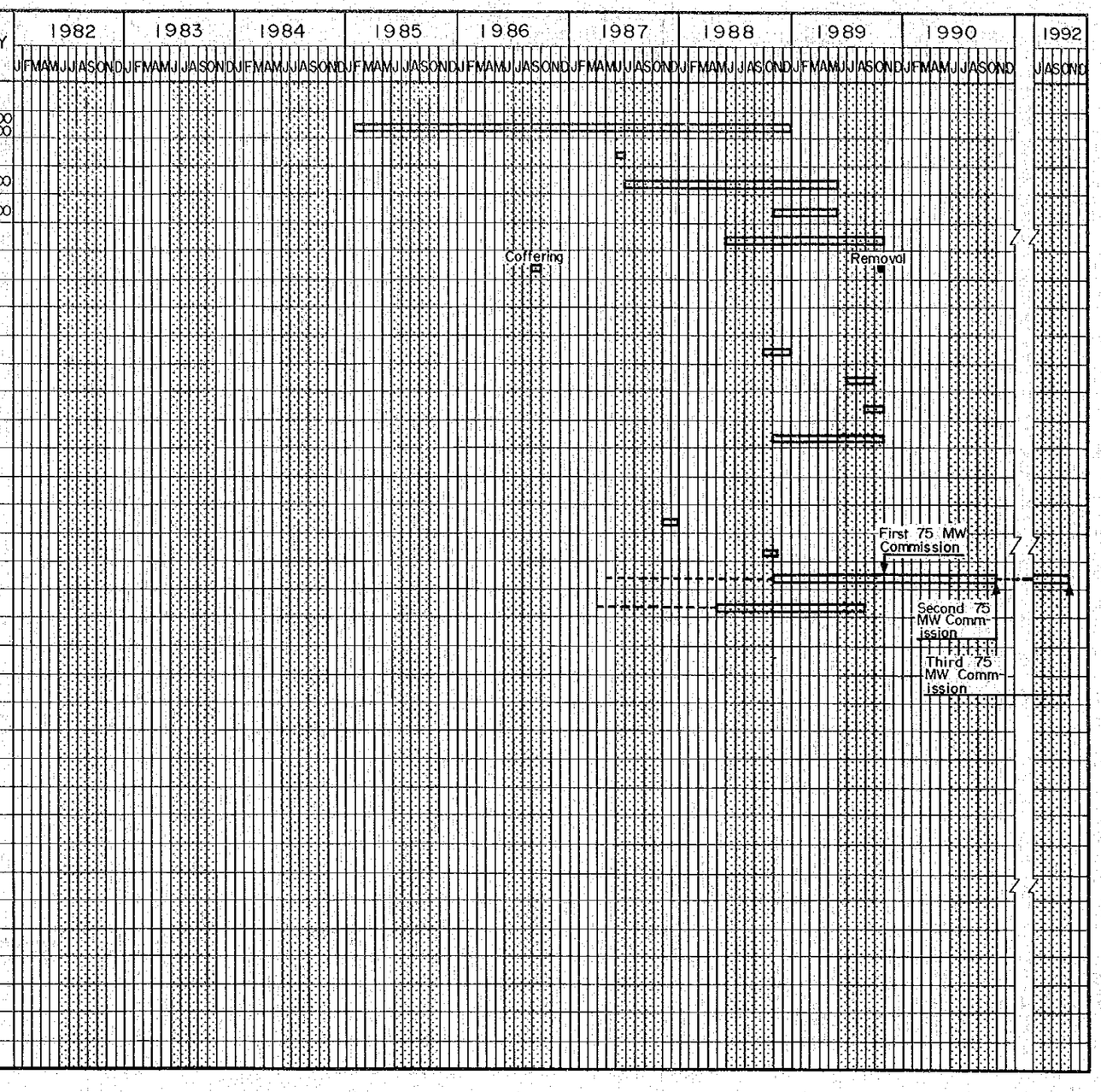
図－13

NO.	DESCRIPTIONS	QUANTITY (M^3)
	5. Power House	
	Excavation	(C) 539,000 (R) 2,125,000
	Found. treatment	
	Concrete	64,000
	Backfill	24,000
	Superstructure	
	Coffering/Removal	
IV	METAL WORKS	
	1. Penstock	
	2. Intake gate	
	3. Tailrace gate	
	4. Spillway gate	
V	ELECTRICAL WORKS	
	1. Draft tube	
	2. Overhead crane	
	3. Turbine & generator	
	4. S.S & T/L	



図－13　サプトガンダキ工事工程表(2)

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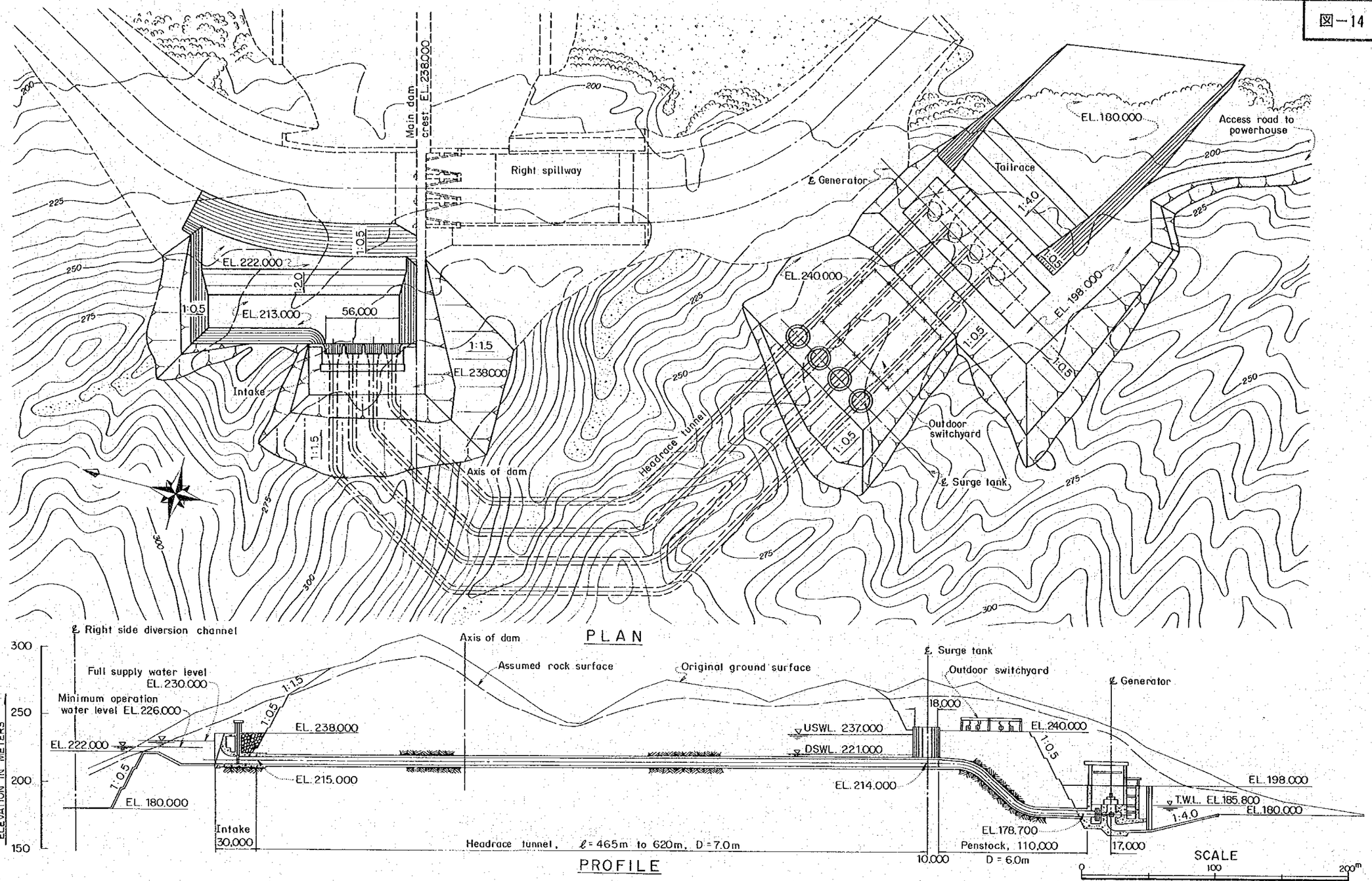
図－14



図－14　サプトガンダキプロジェクトの拡張計画

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