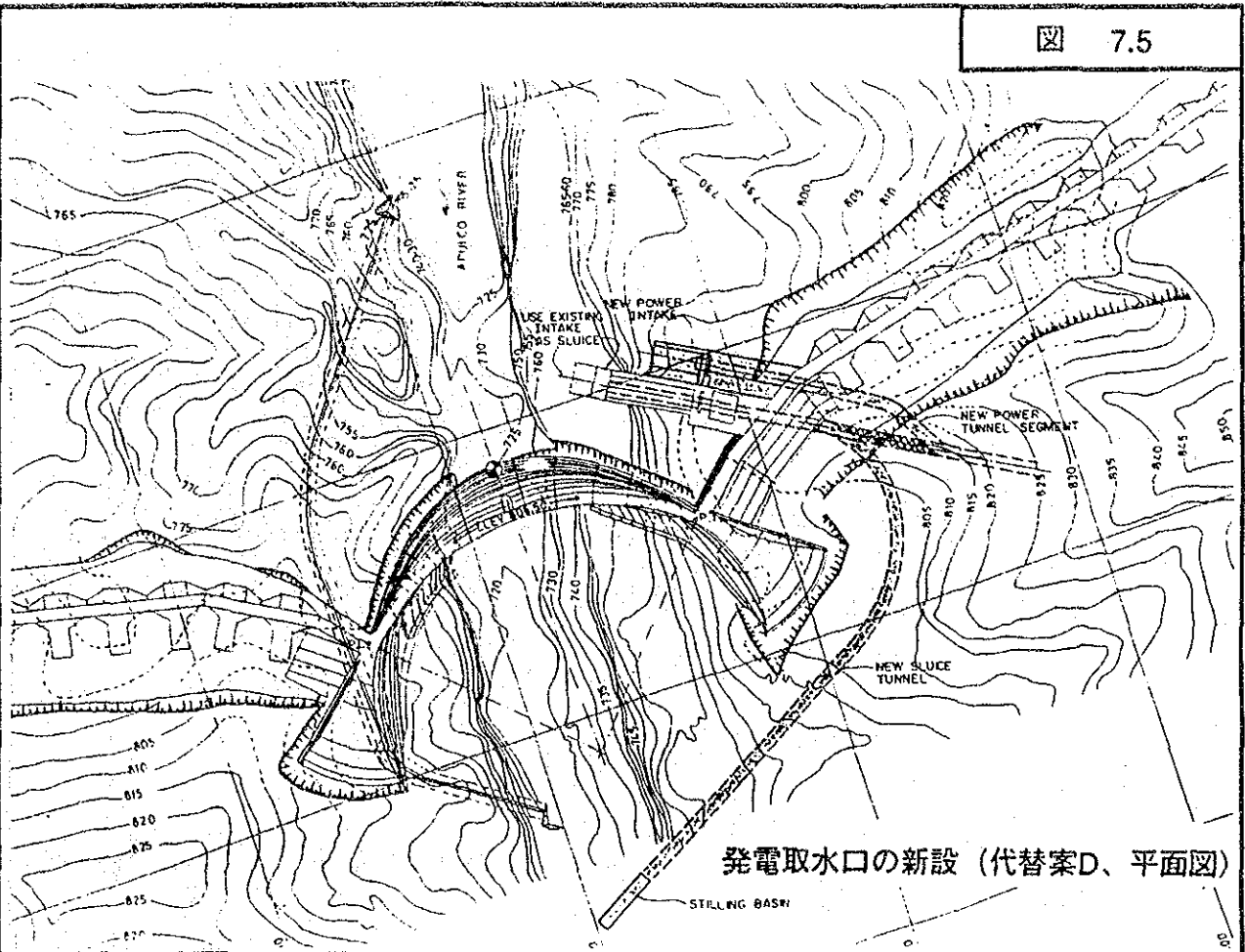
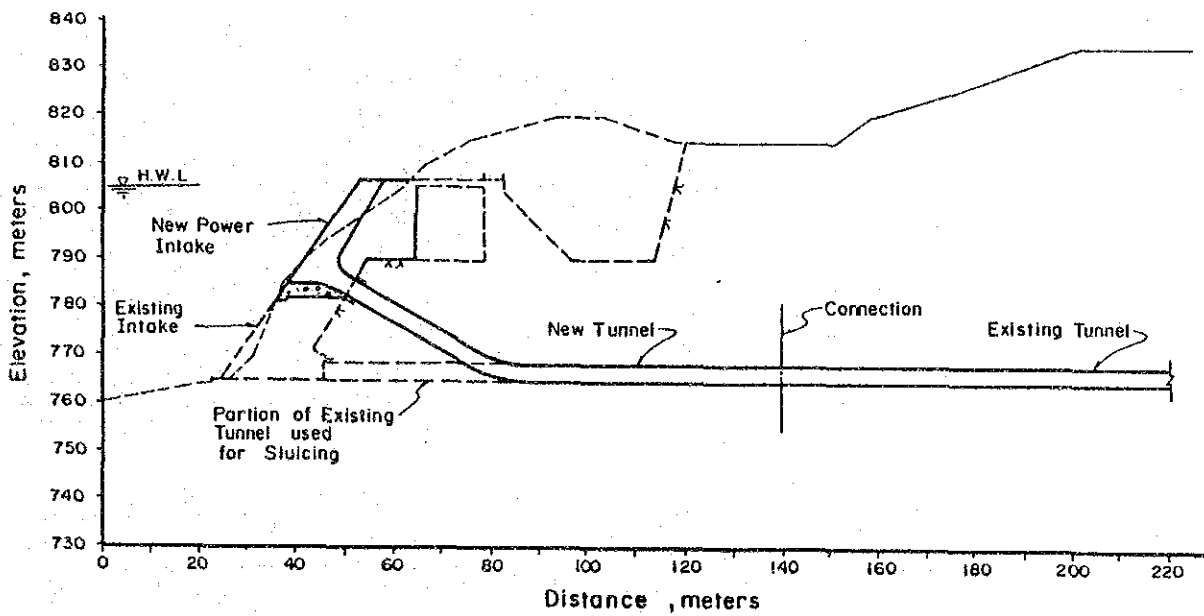


図 7.5



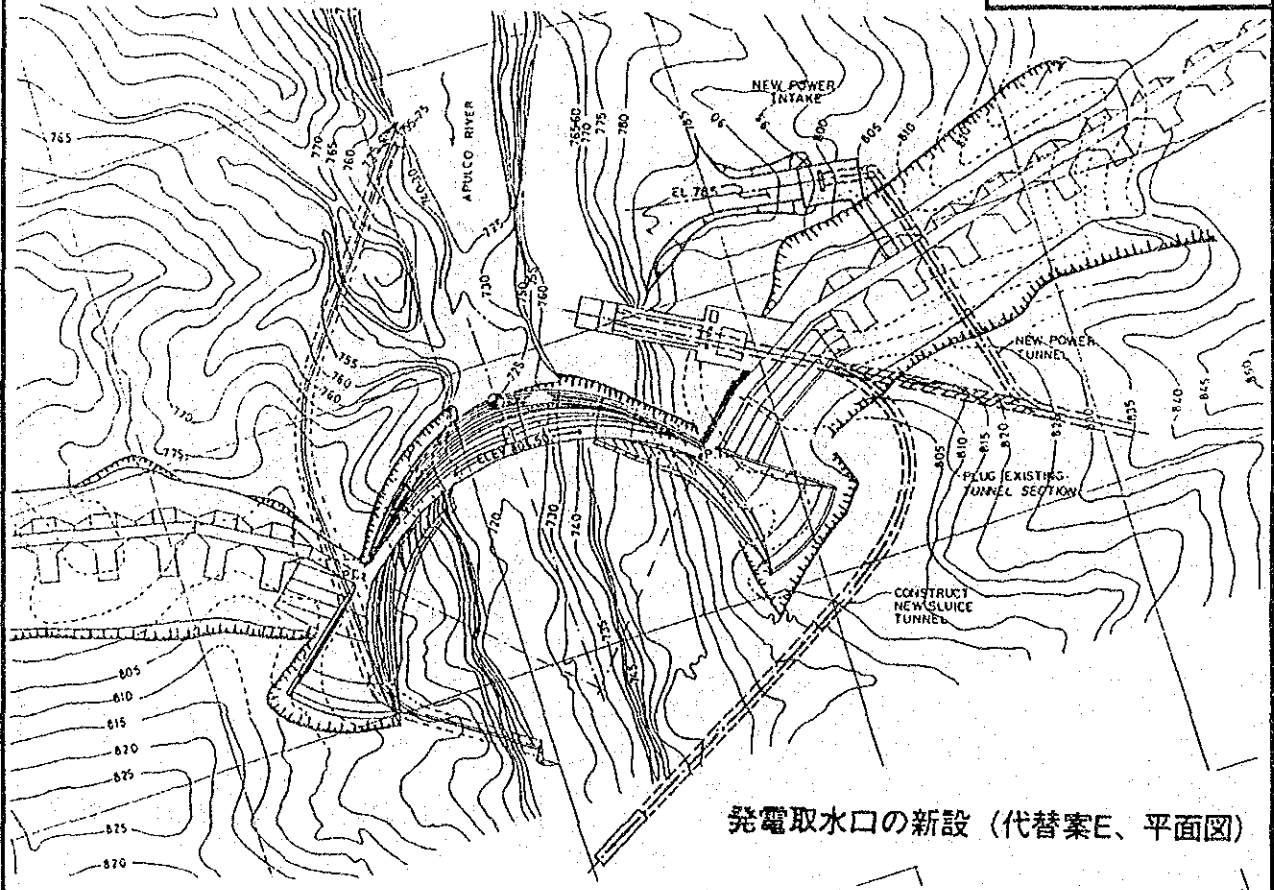
発電取水口の新設 (代替案D、平面図)

図 7.6



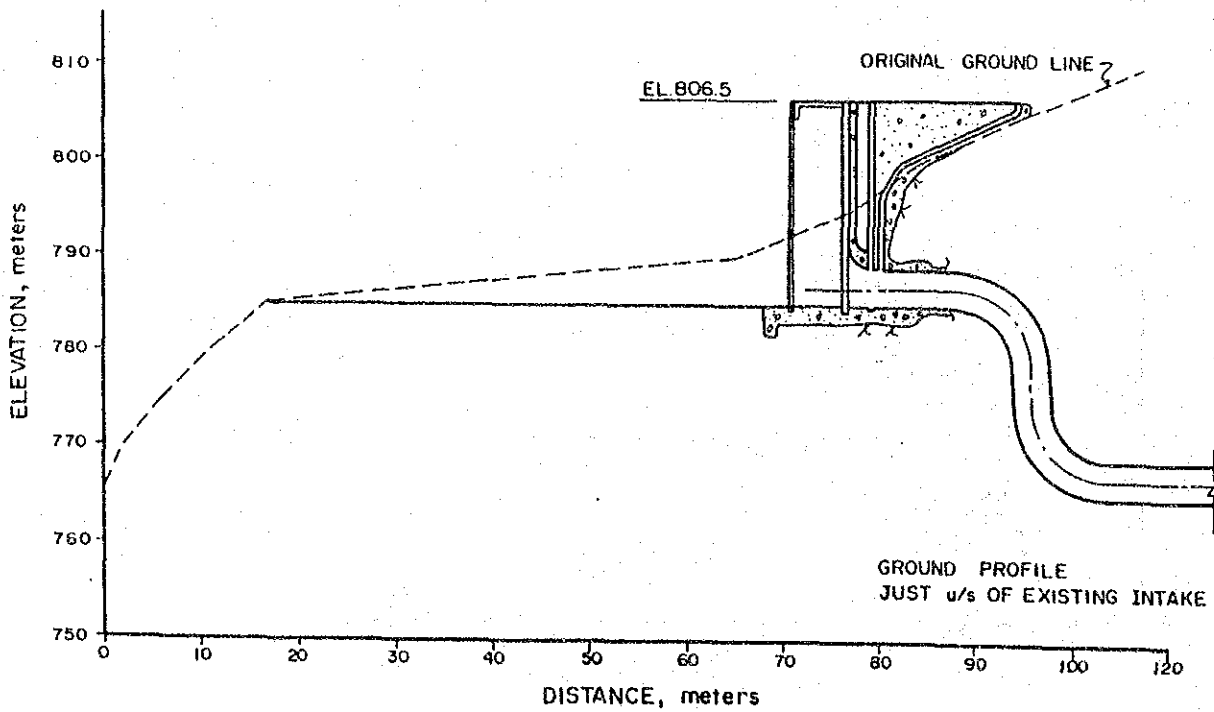
発電取水口の新設 (代替案D、縦断図)

図 7.7



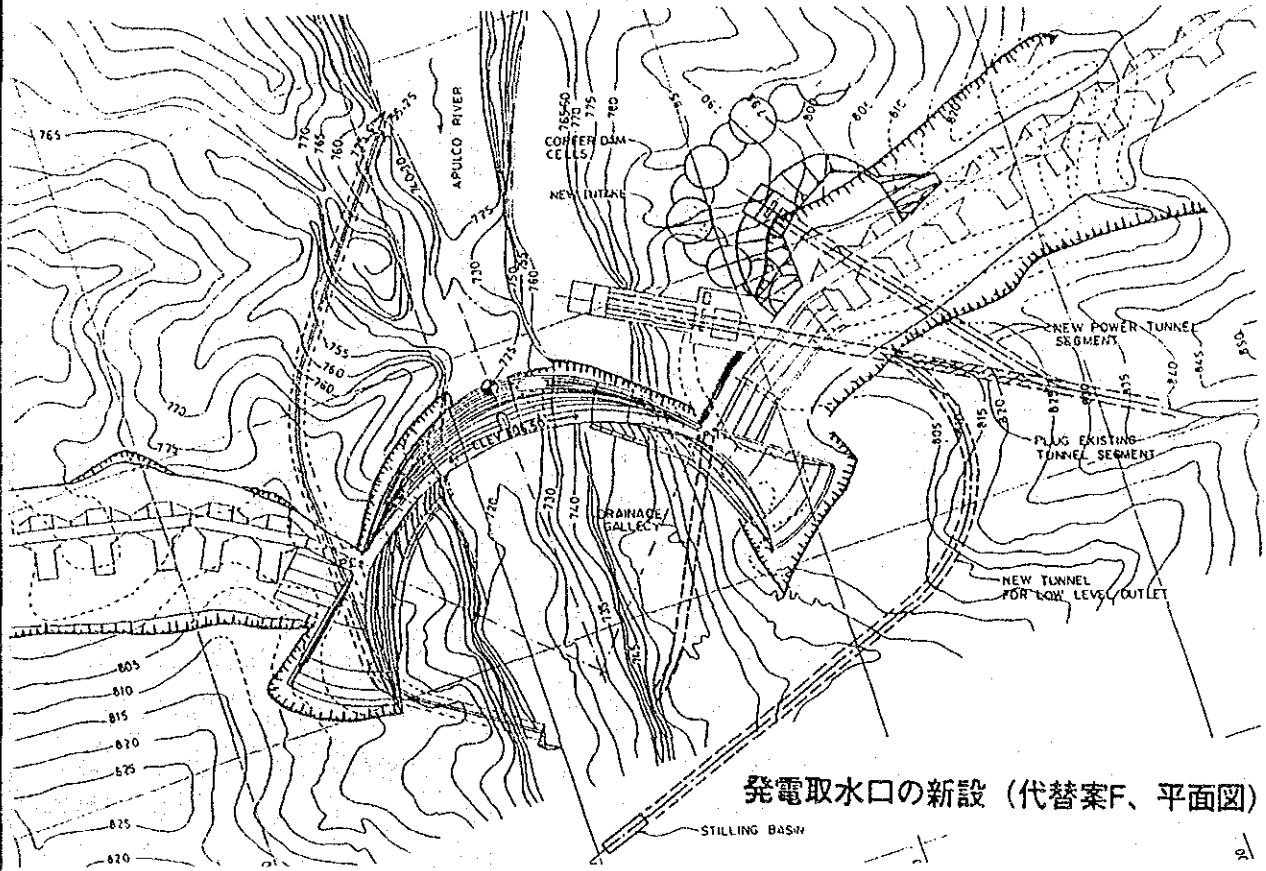
発電取水口の新設 (代替案E、平面図)

図 7.8



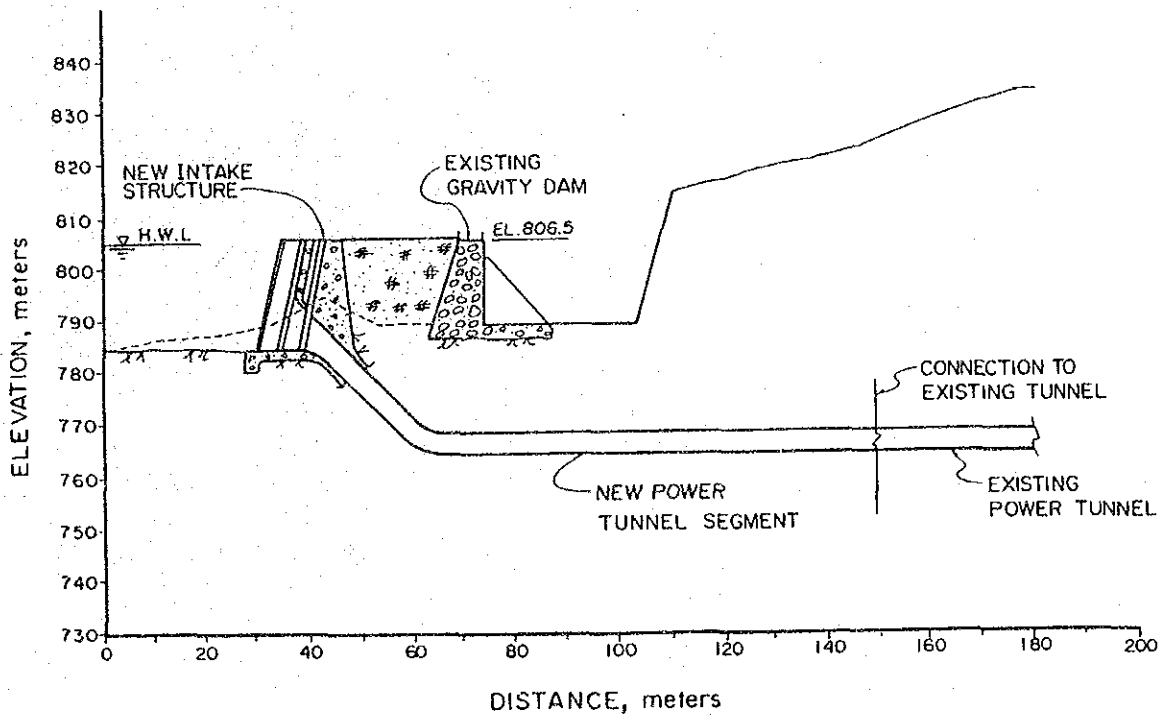
発電取水口の新設 (代替案E、縦断図)

図 7.9

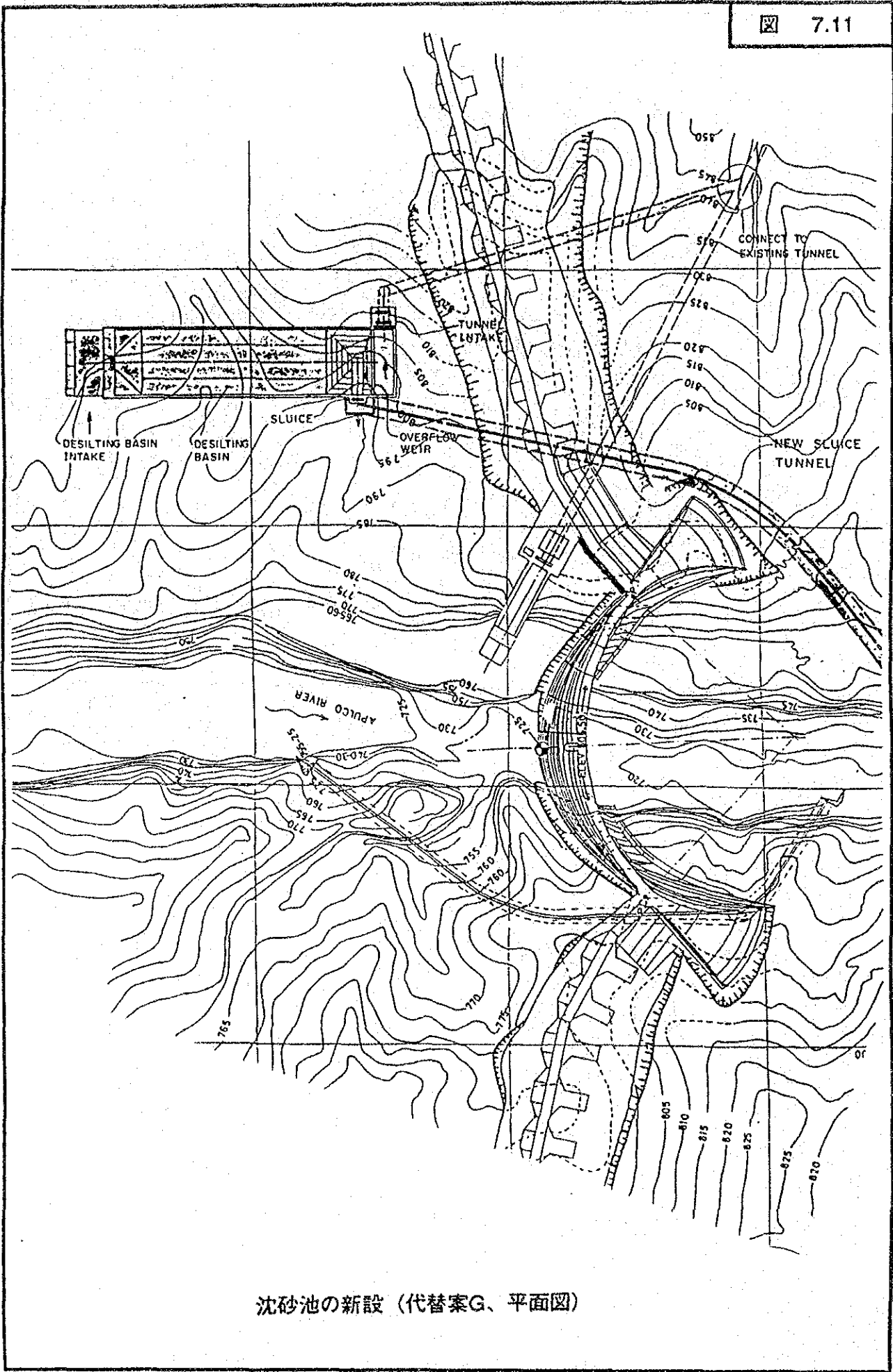


発電取水口の新設 (代替案F、平面図)

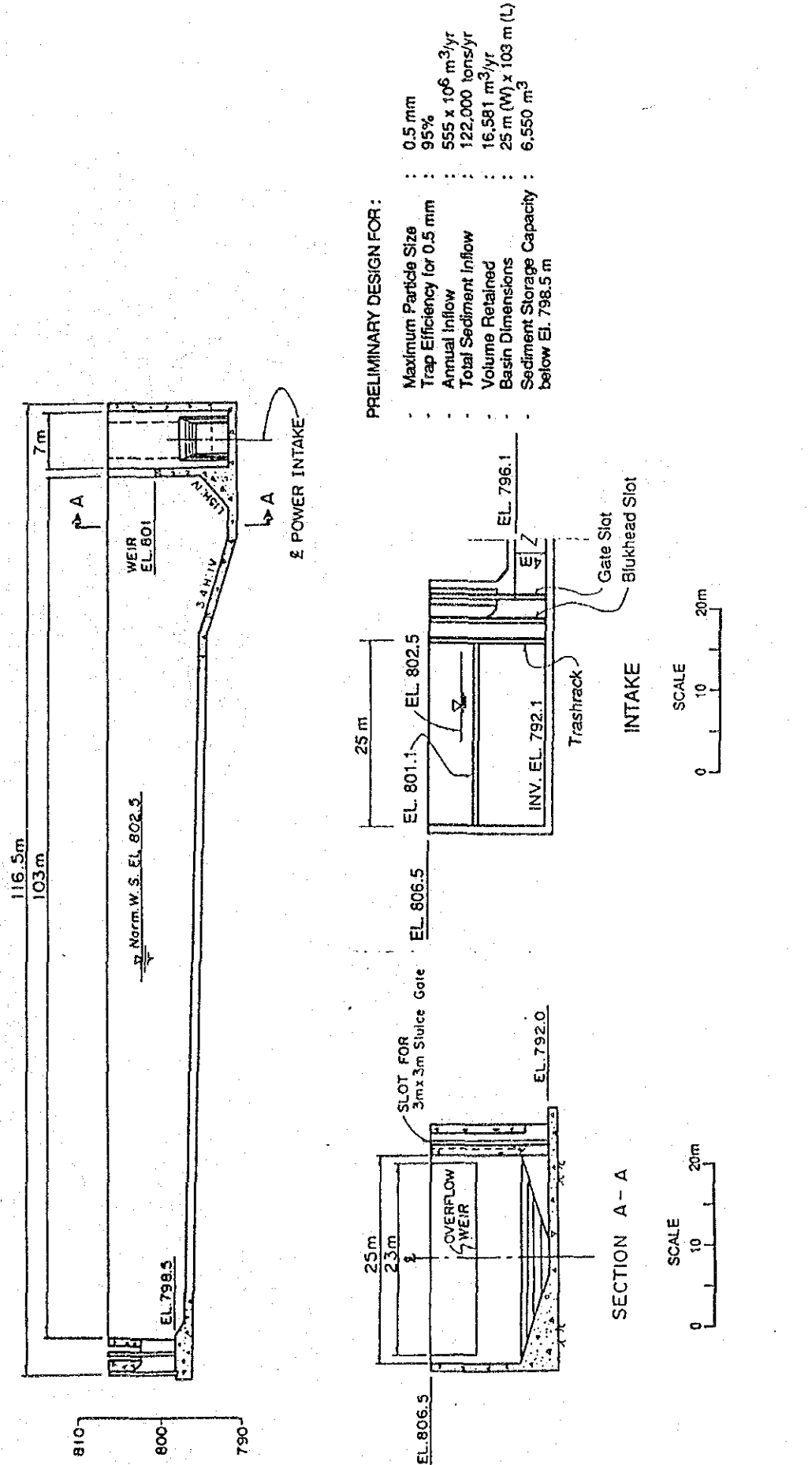
図 7.10



発電取水口の新設 (代替案F、縦断図)



沈砂池の新設 (代替案G、平面図)



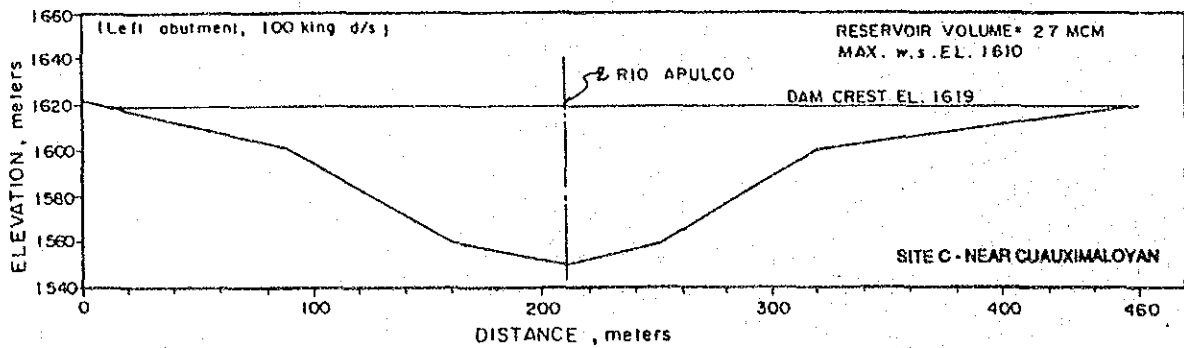
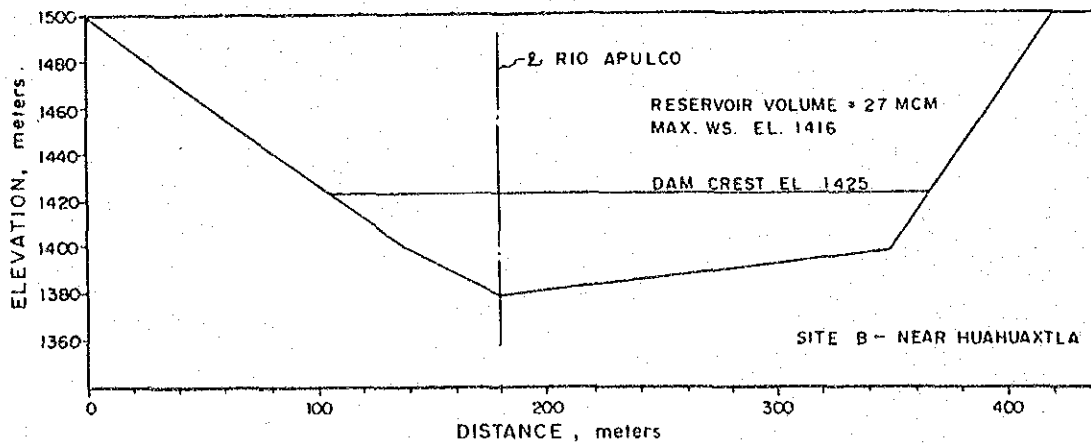
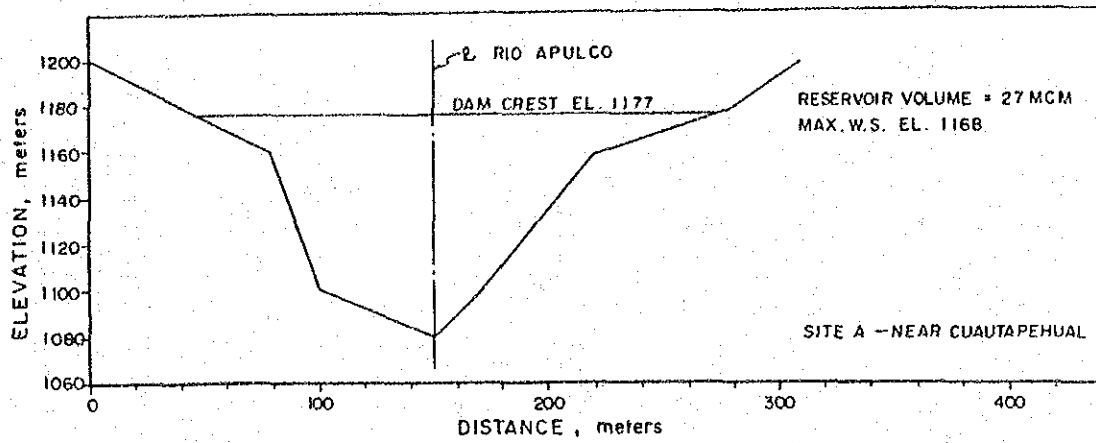
PRELIMINARY DESIGN FOR :

- Maximum Particle Size : 0.5 mm
- Trap Efficiency for 0.5 mm : 95%
- Annual Inflow : 555 x 10<sup>6</sup> m<sup>3</sup>/yr
- Total Sediment Inflow : 122,000 tons/yr
- Volume Retained : 16,581 m<sup>3</sup>/yr
- Basin Dimensions : 25 m (W) x 103 m (L)
- Sediment Storage Capacity : 6,550 m<sup>3</sup>  
below EL. 798.5 m

沈砂池の新設 (代替案G、縦断面図)



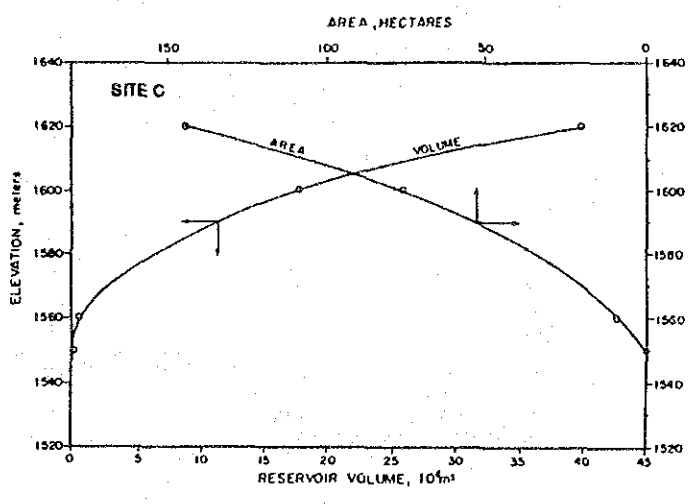
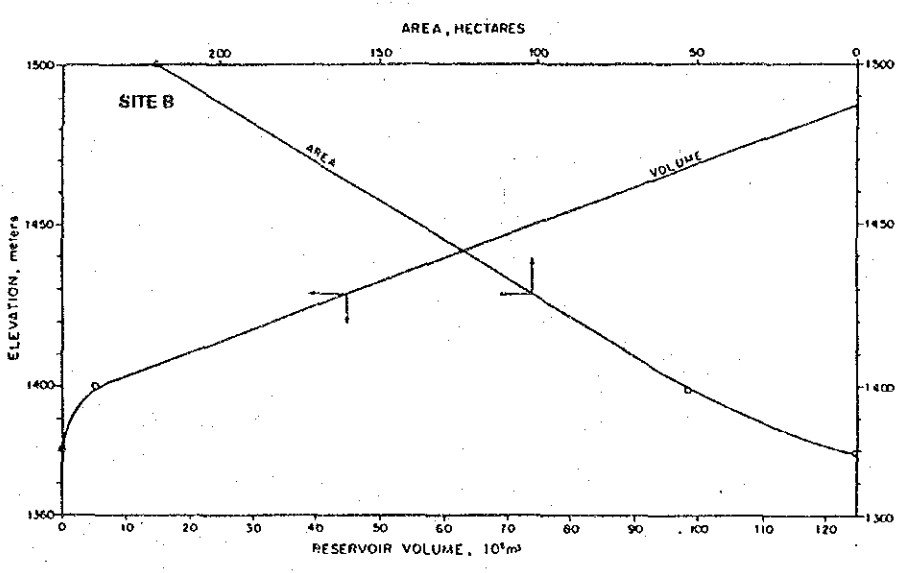
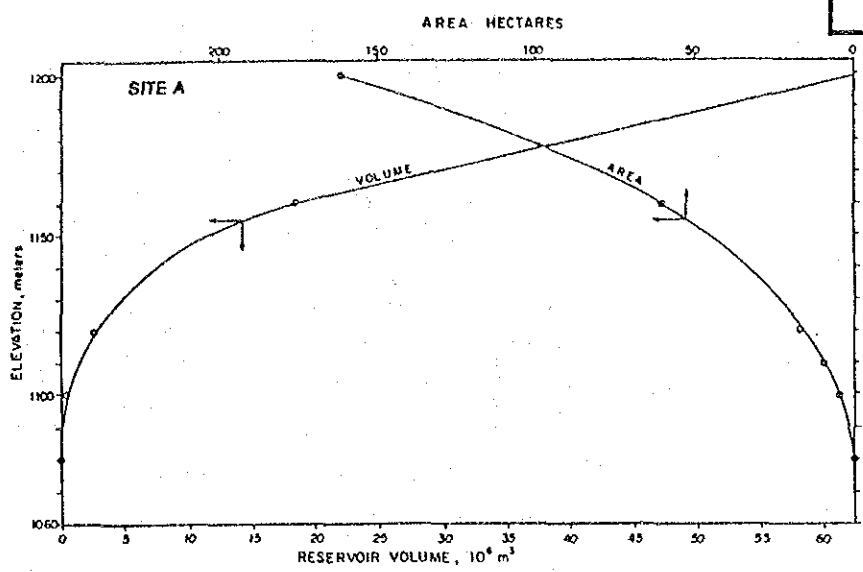




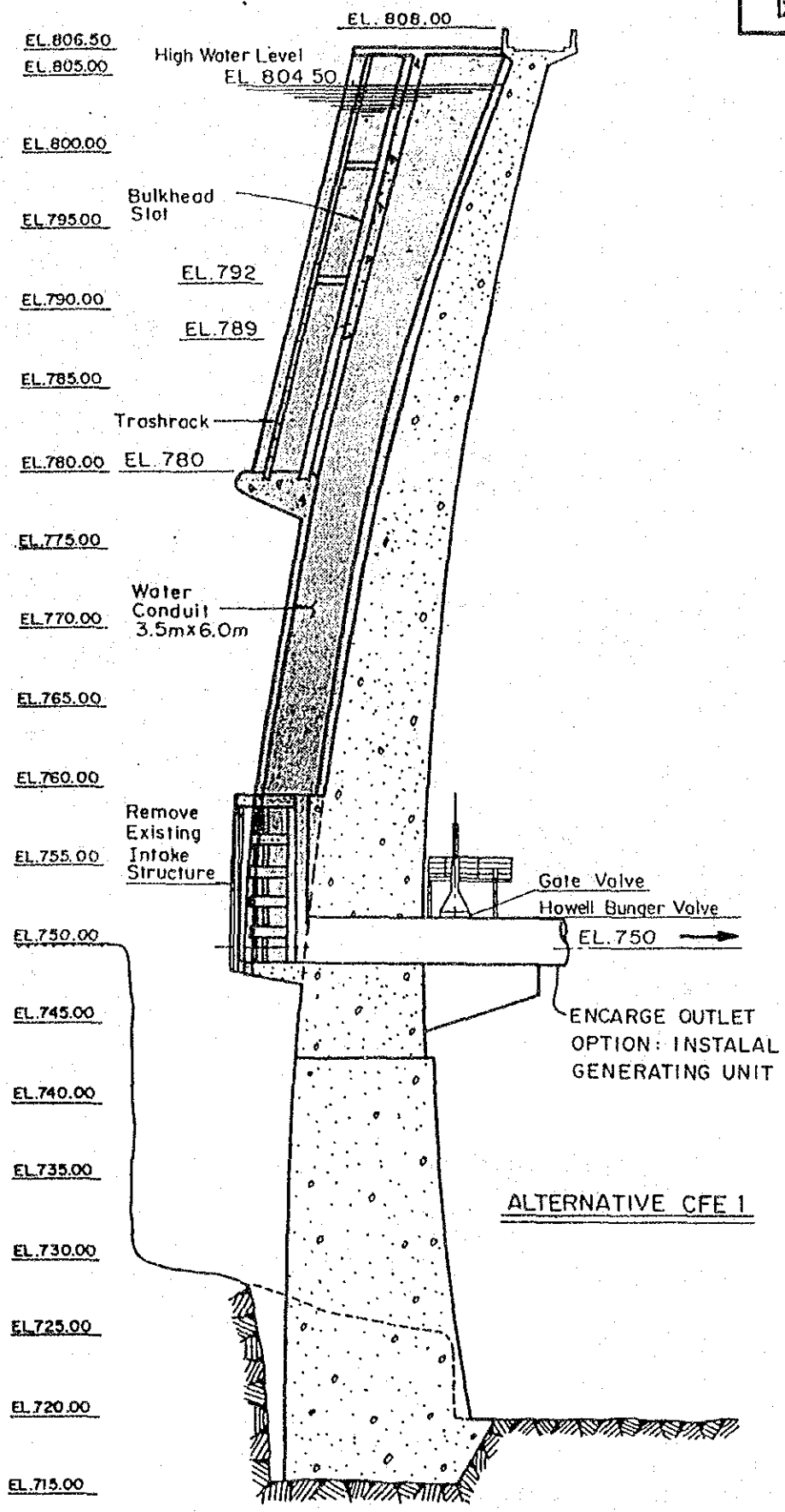
Note: 0 Distance is left abutment

砂防ダムサイトの横断面図

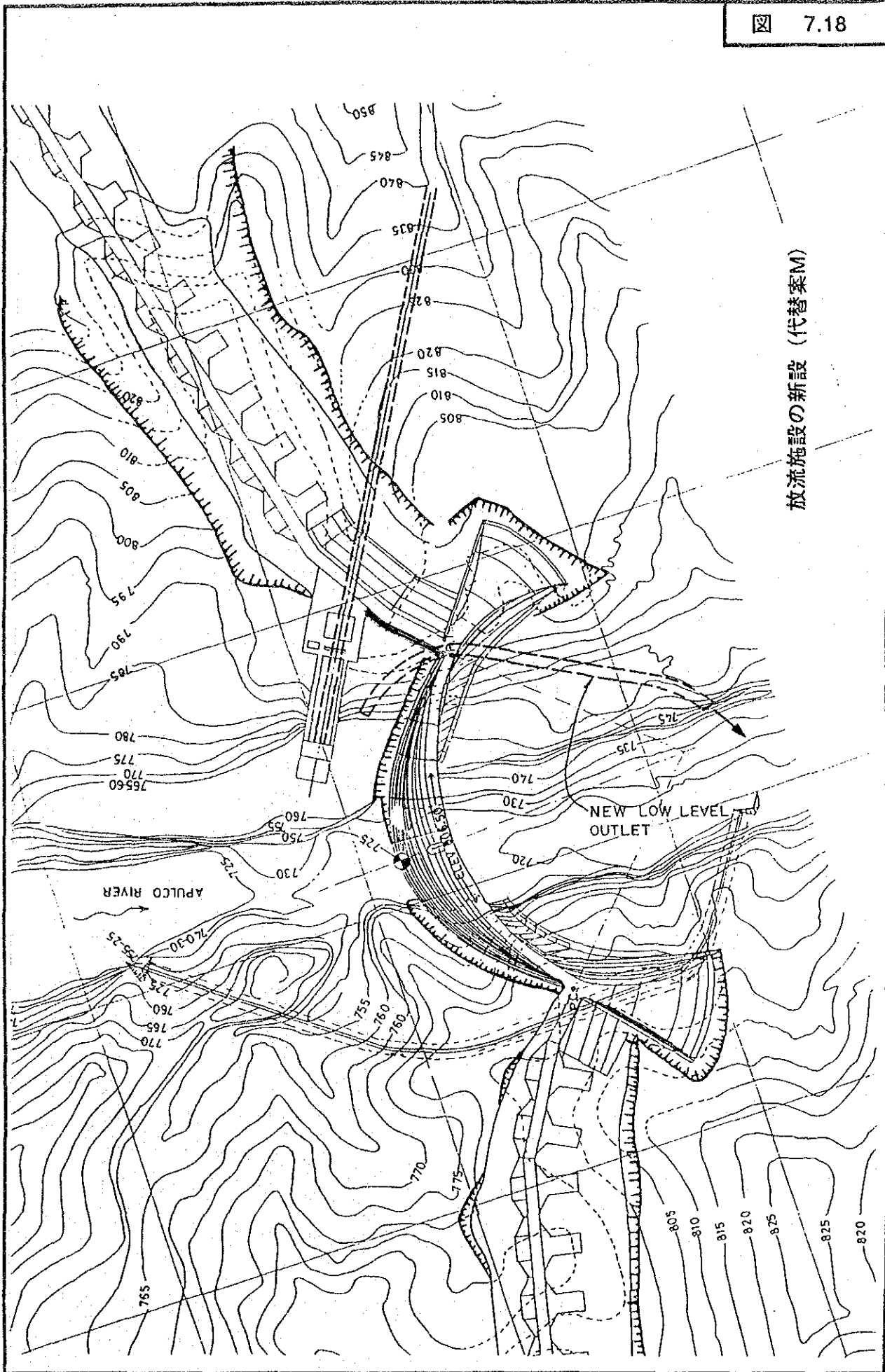




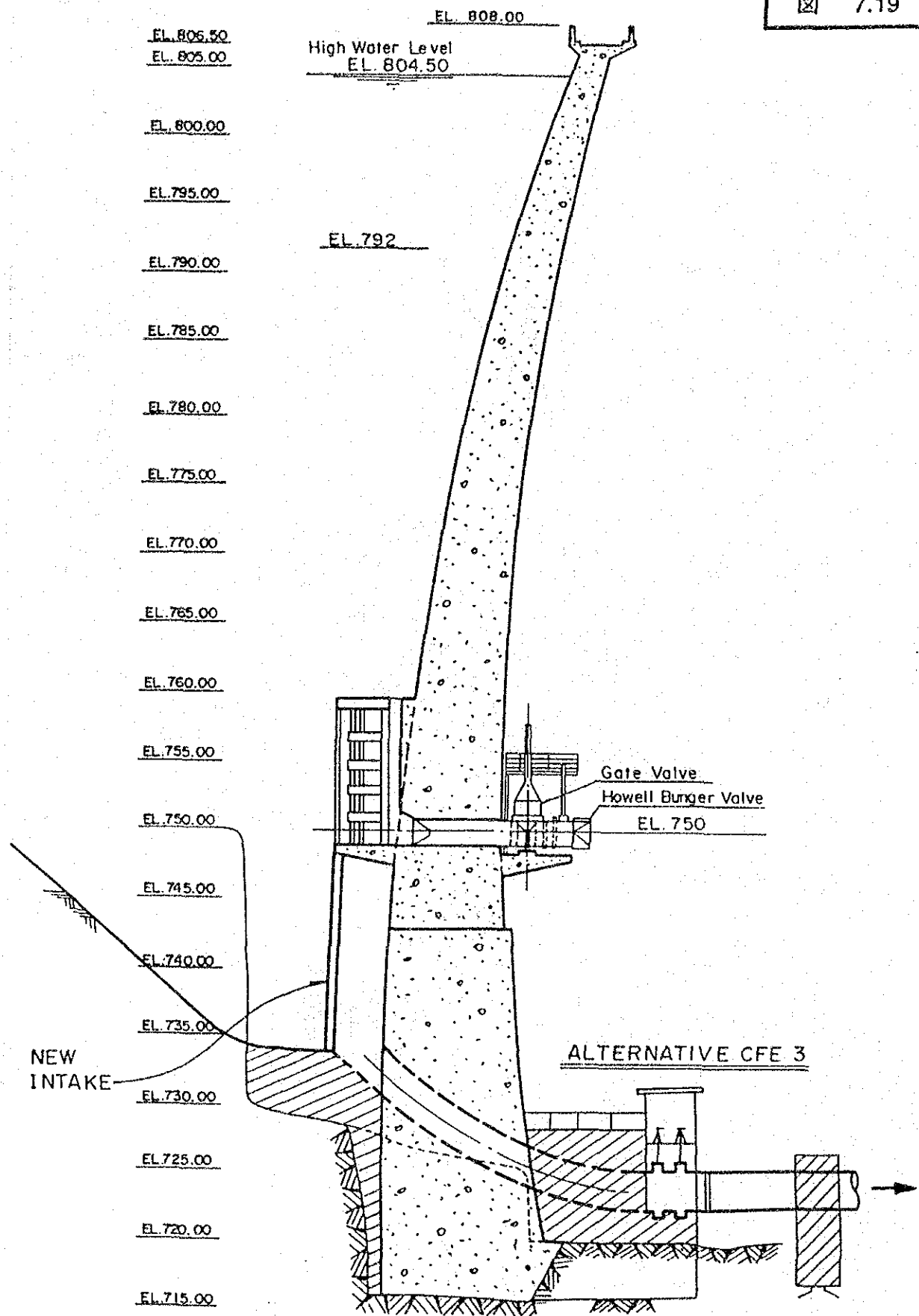
砂防ダムの標高—貯水面積—貯水容量曲線



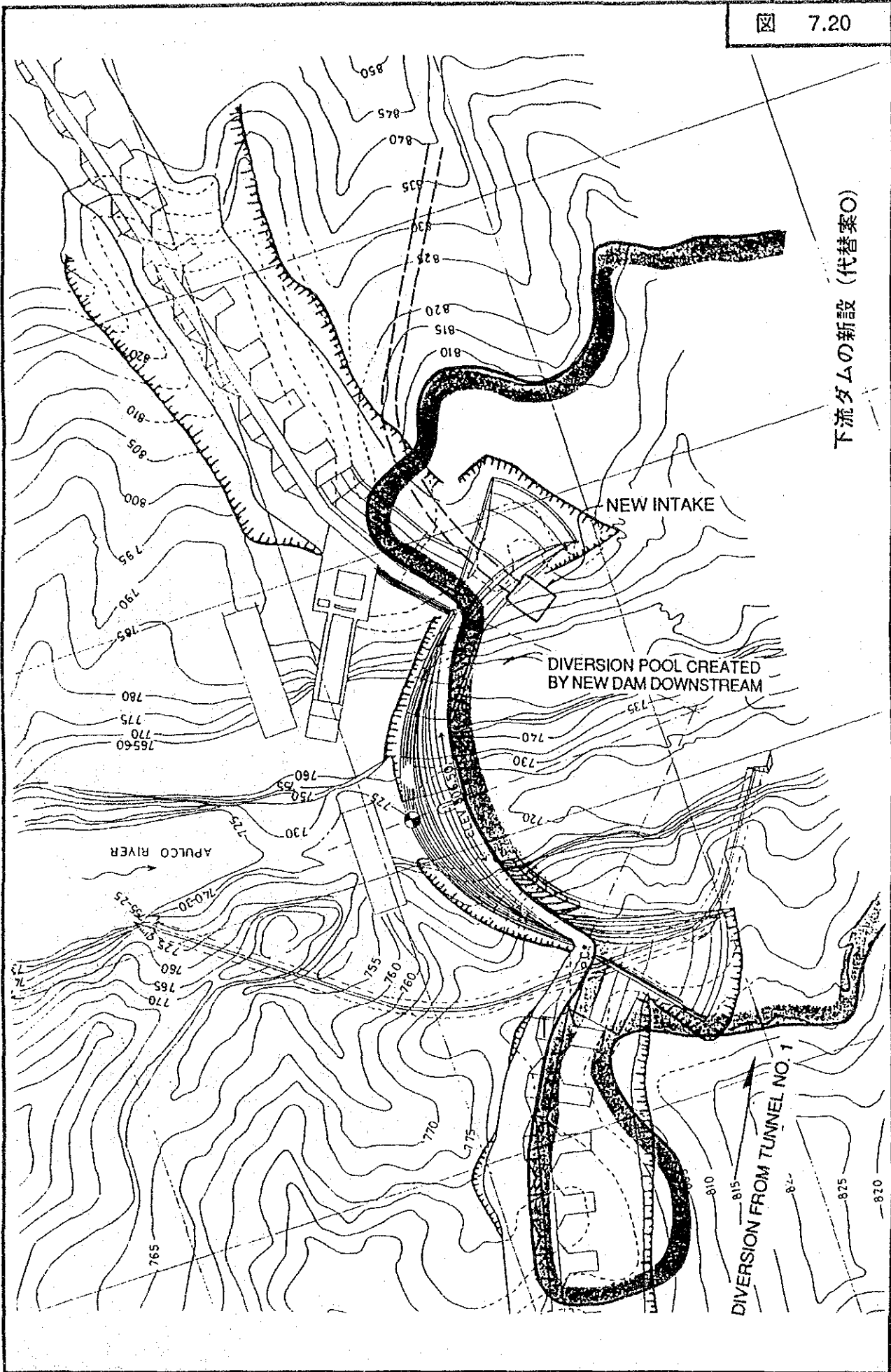
既存放流施設のリハビリ (代替案L)



放流施設の新設 (代替案M)

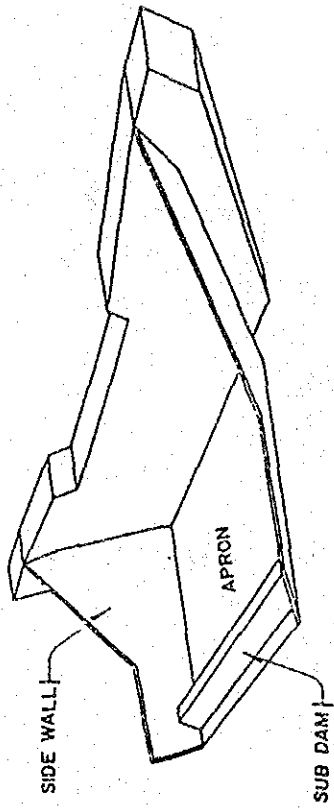


放流施設の新設 (代替案N)

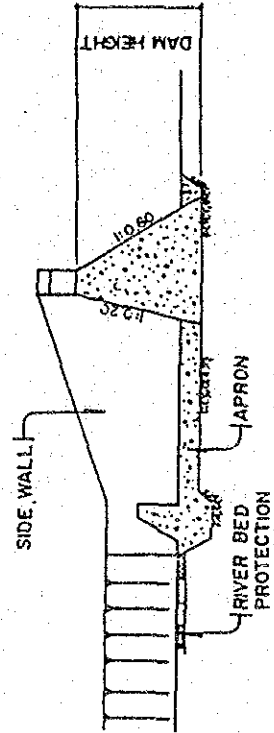


下流ダムの新設 (代替案O)

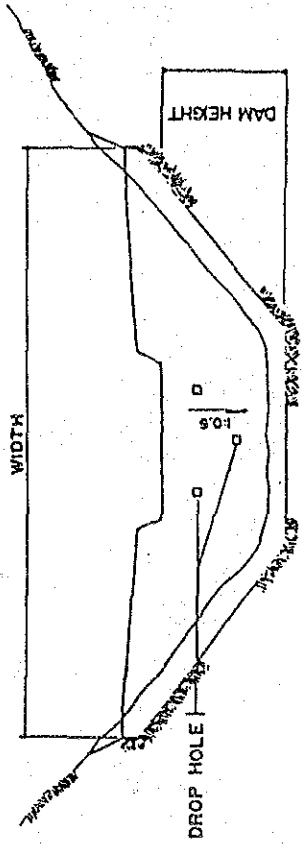
BIRD' EYE VIEW



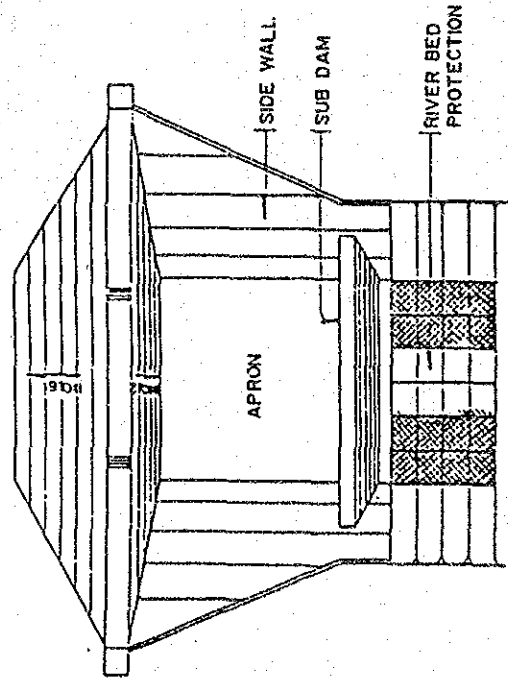
LONGITUDINAL PROFILE



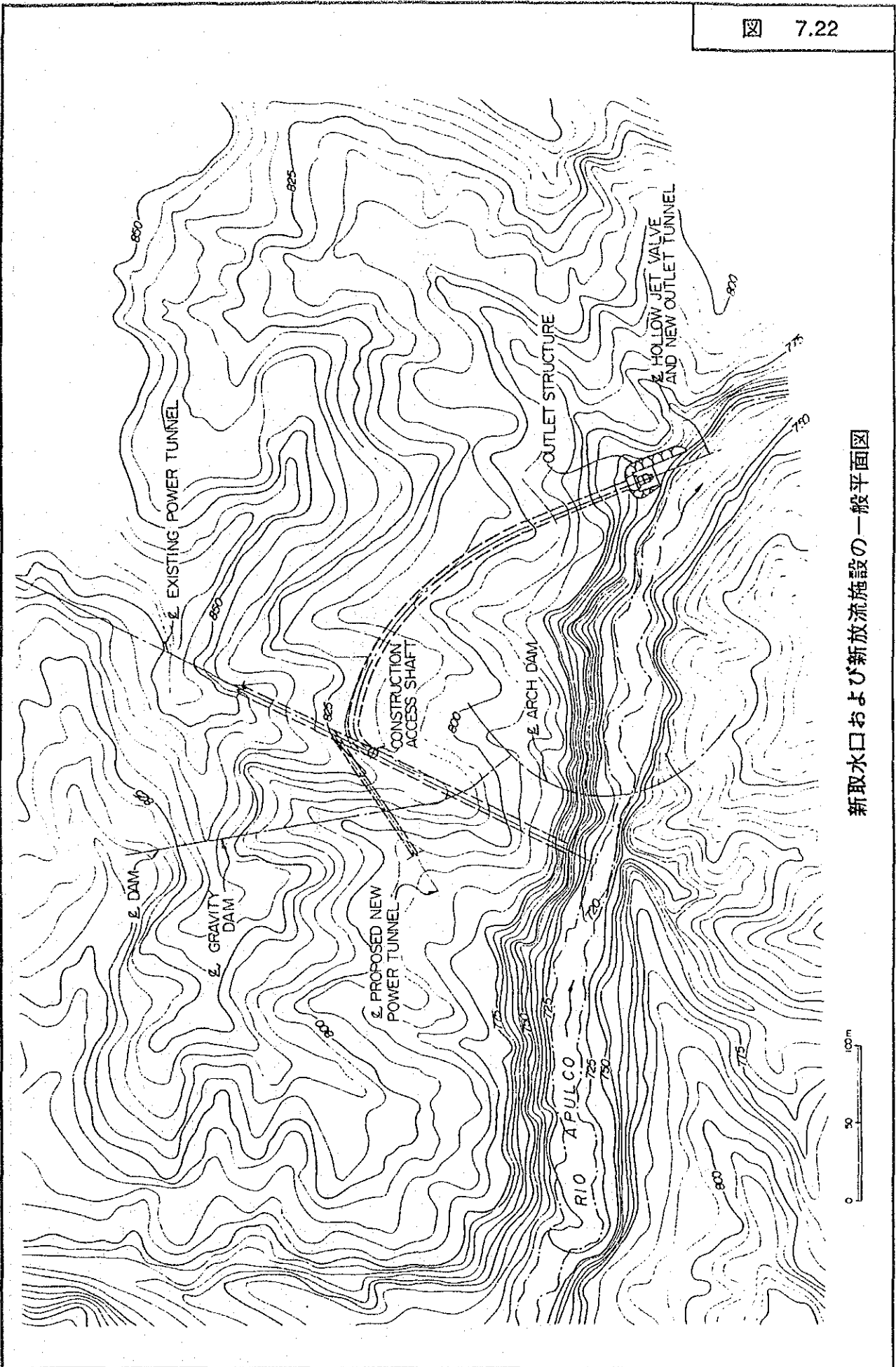
FRONT VIEW



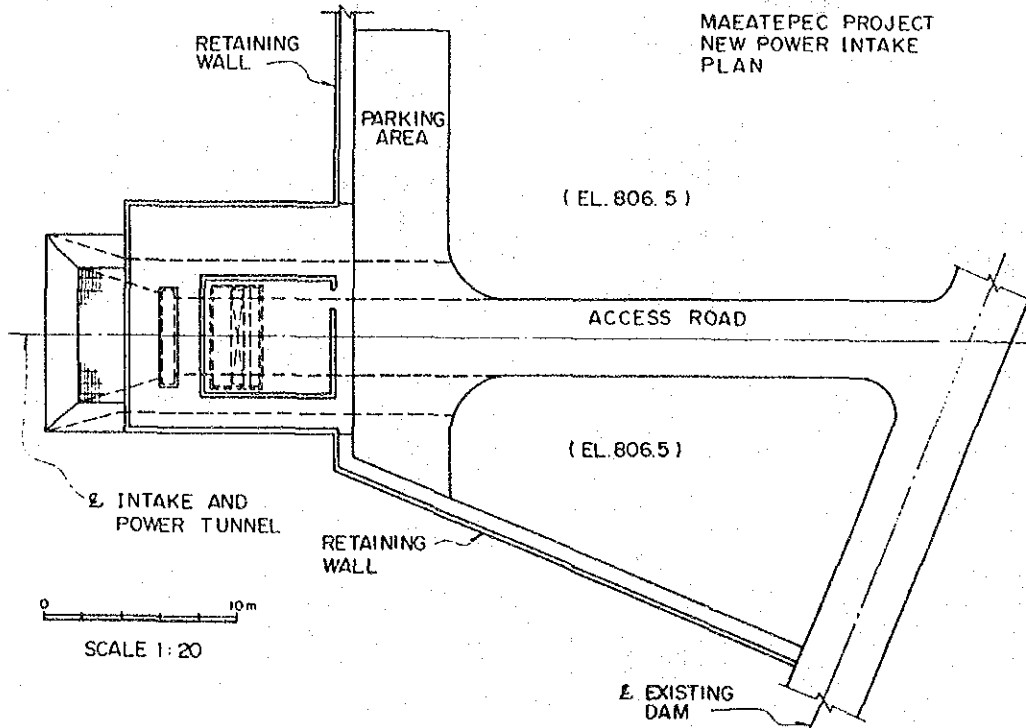
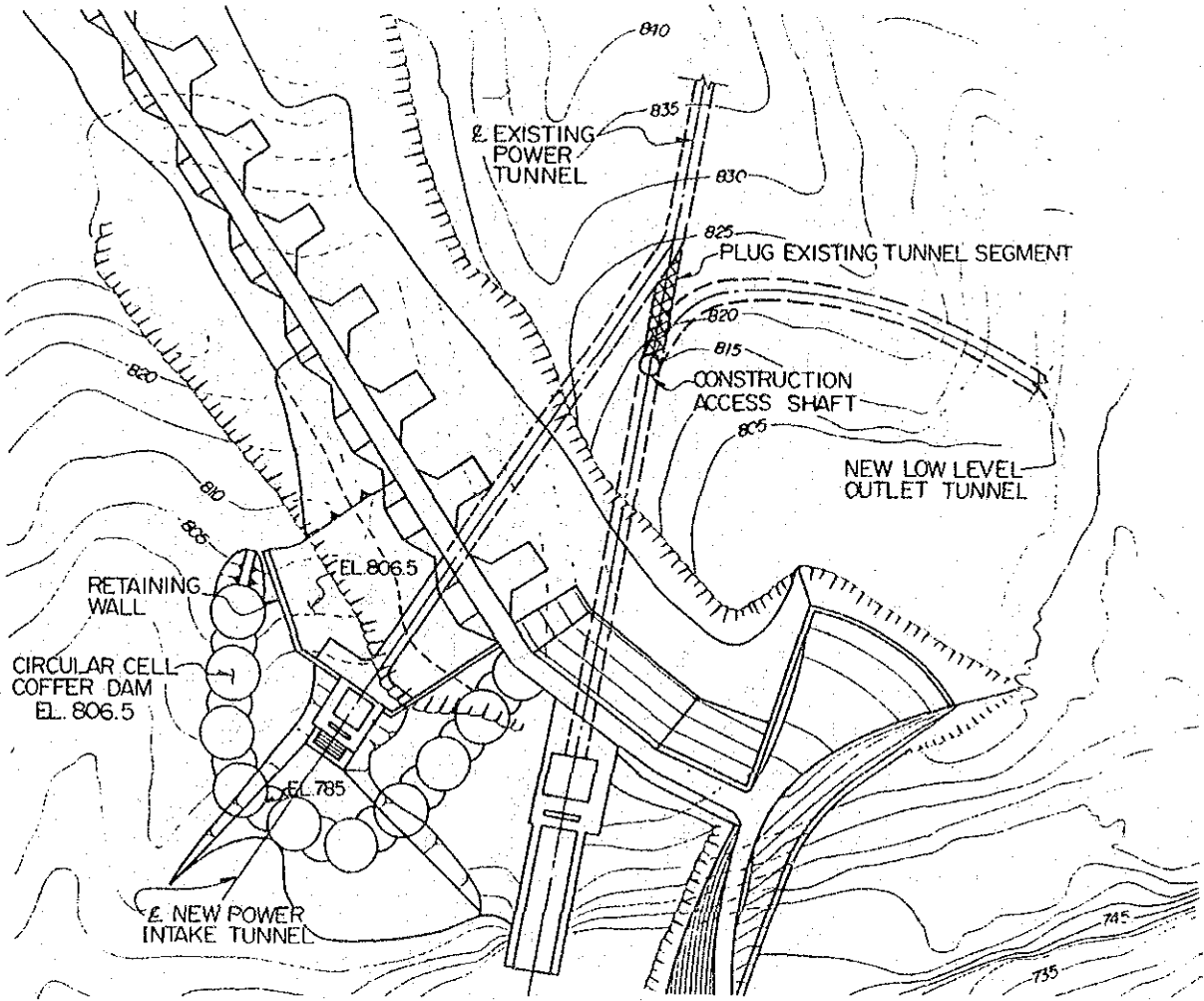
PLAN



砂防ダムの標準図



新取水口および新放流施設の一般平面図

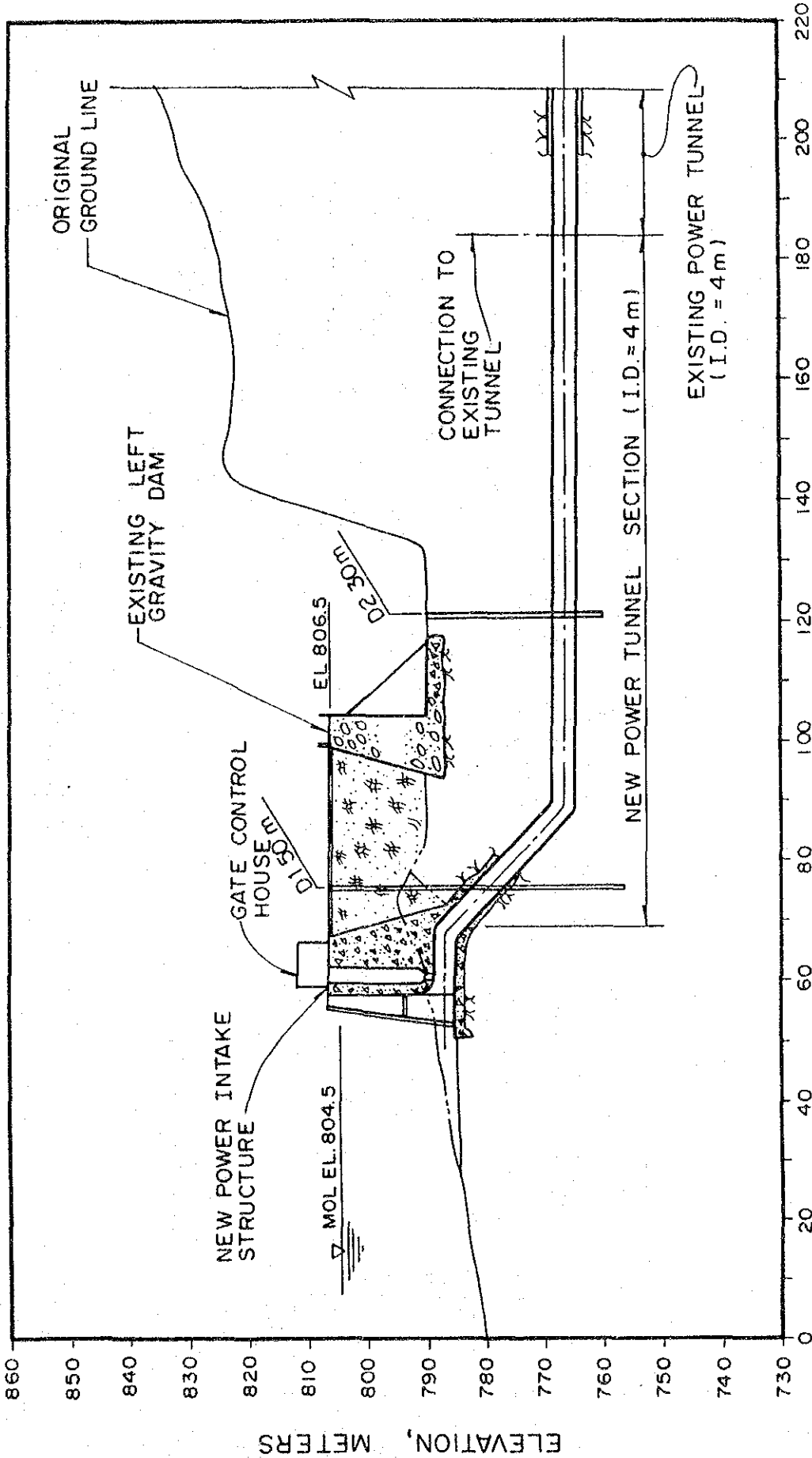


0 10m

SCALE 1:20

新取水口の平面図

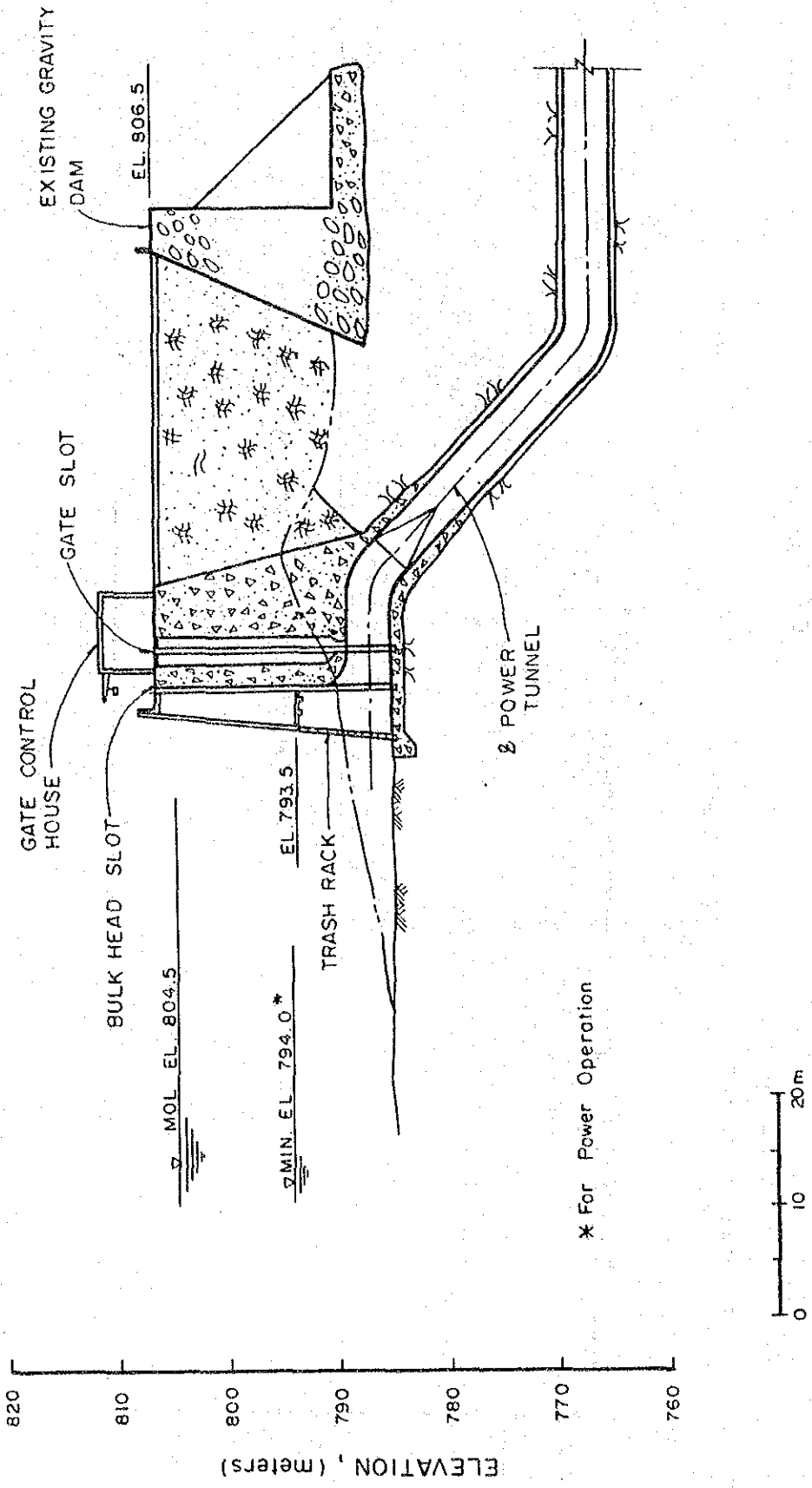




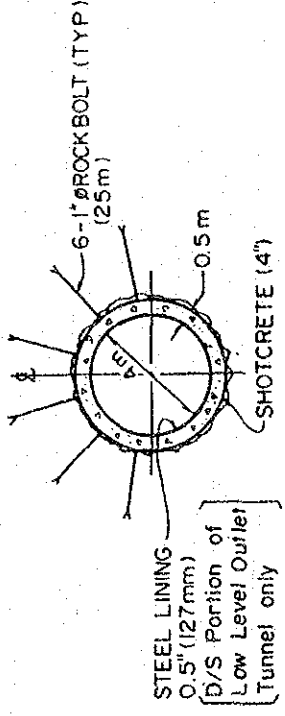
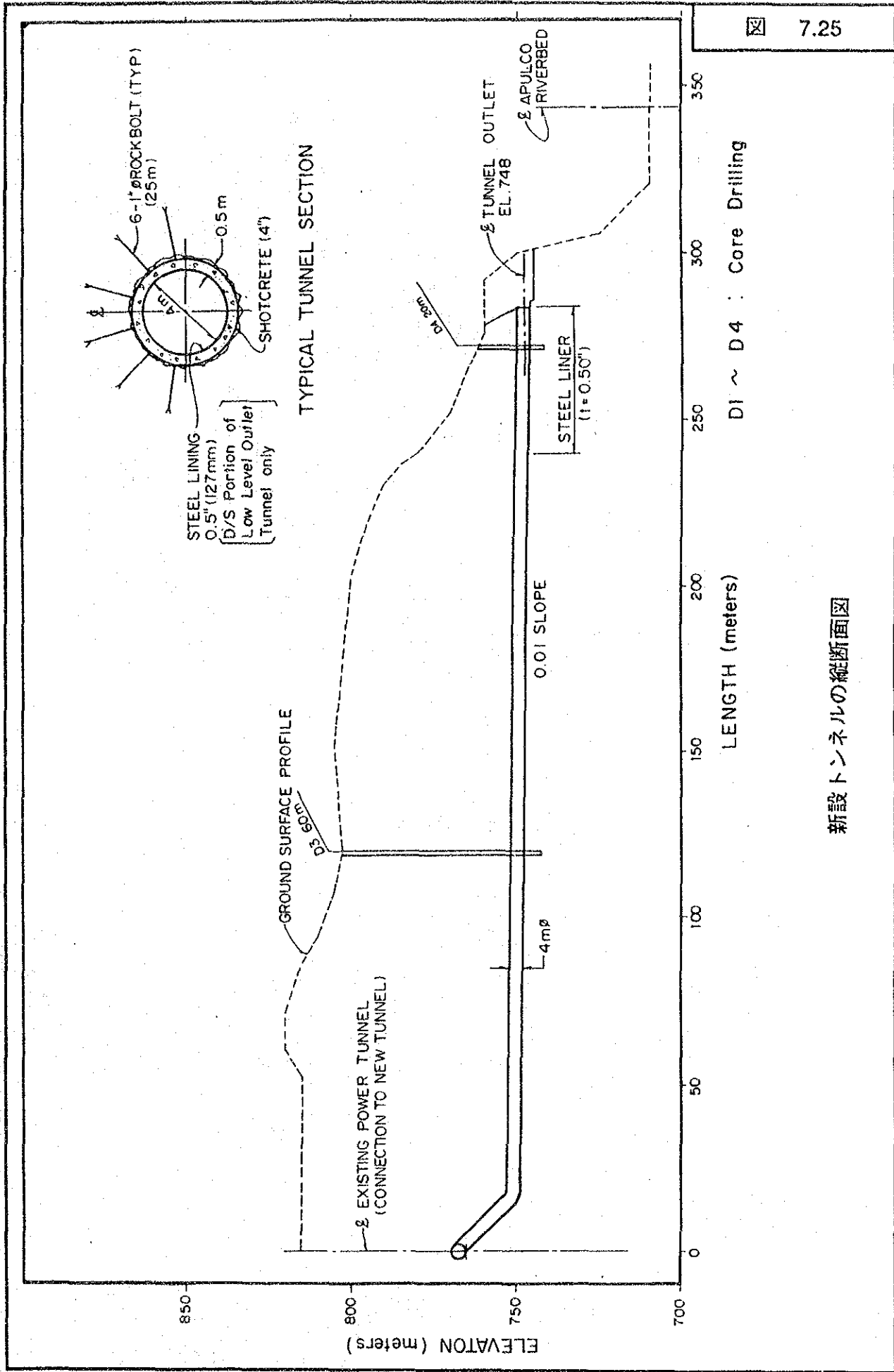
DISTANCE (METERS)

DI ~ D 4 = Core Drilling

新取水口の縦断面図 (1/2)



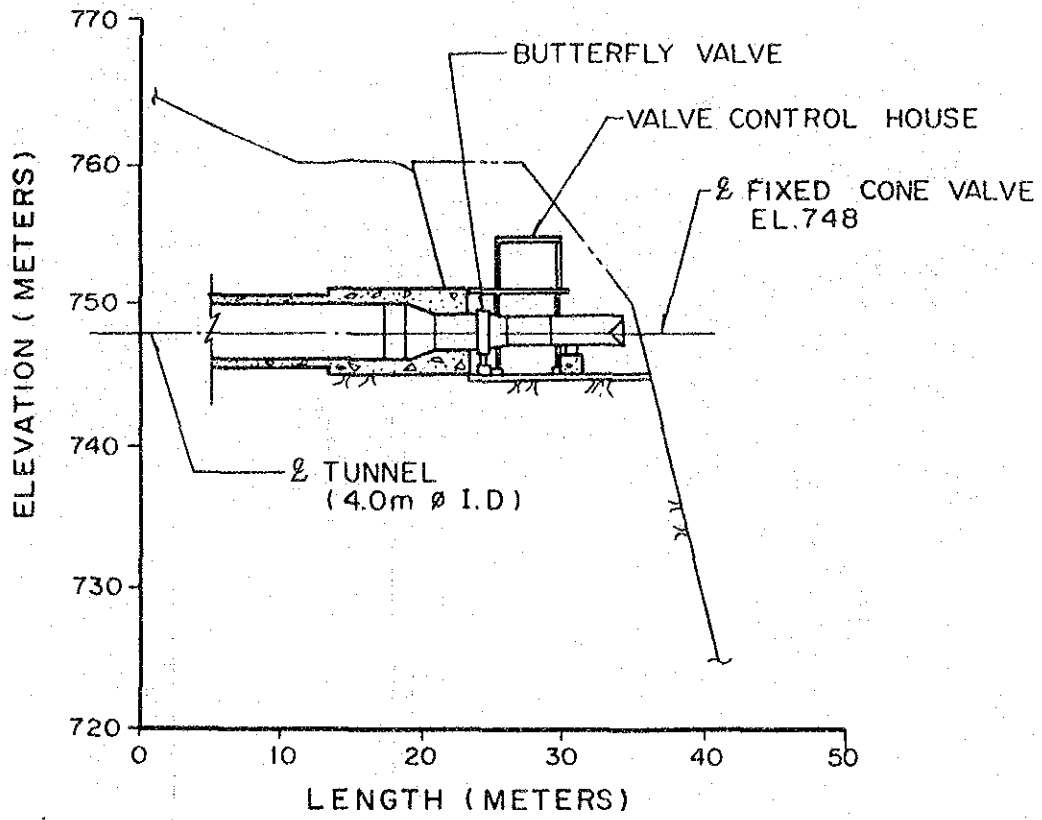
新取水口の縦断面図 (2/2)



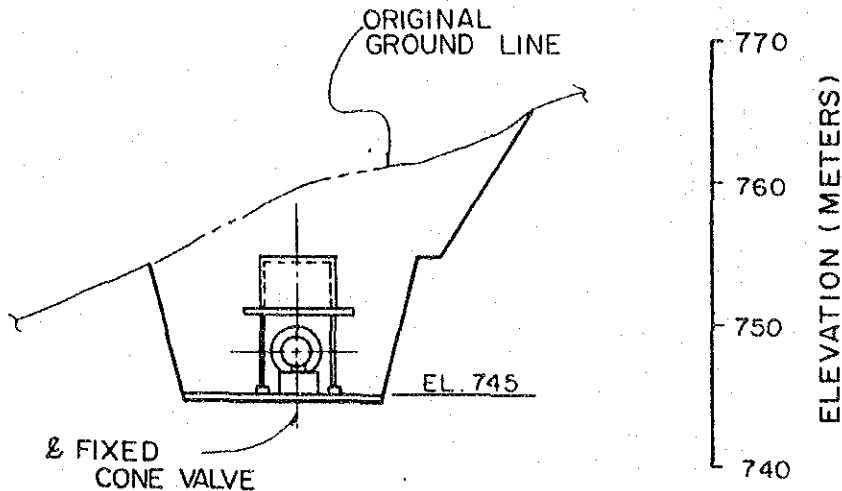
TYPICAL TUNNEL SECTION

DI ~ D4 : Core Drilling

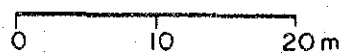
新設トンネルの縦断面図








PROFILE

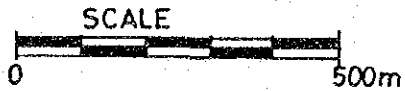
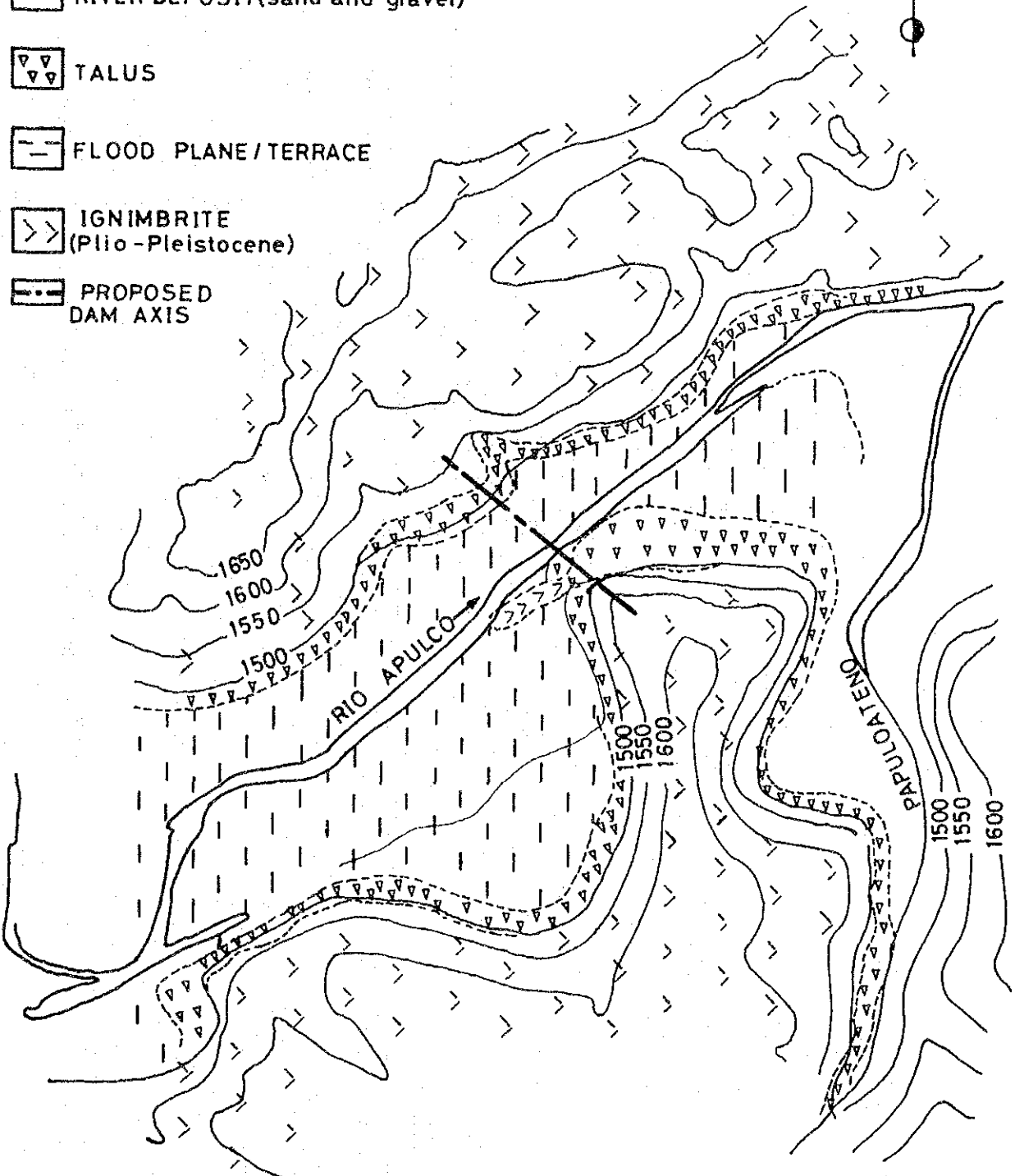


SECTION

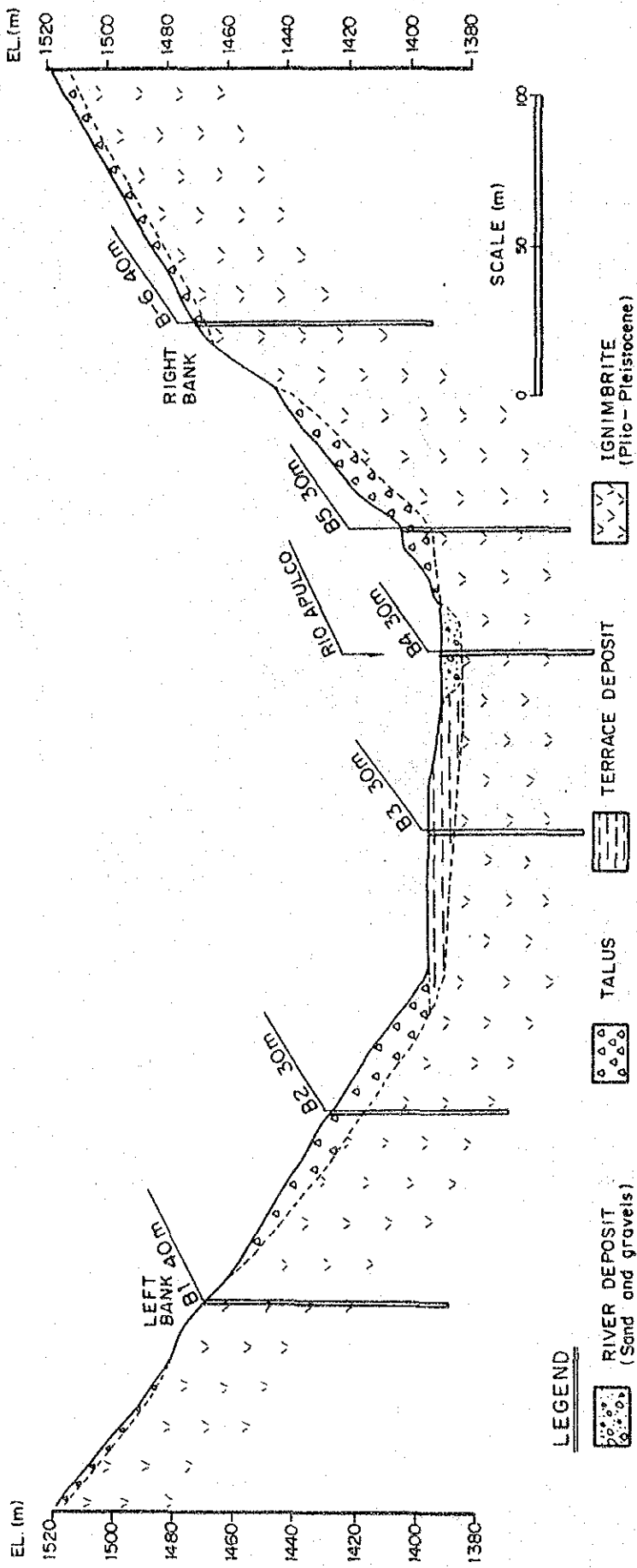


新放流施設の縦断面図

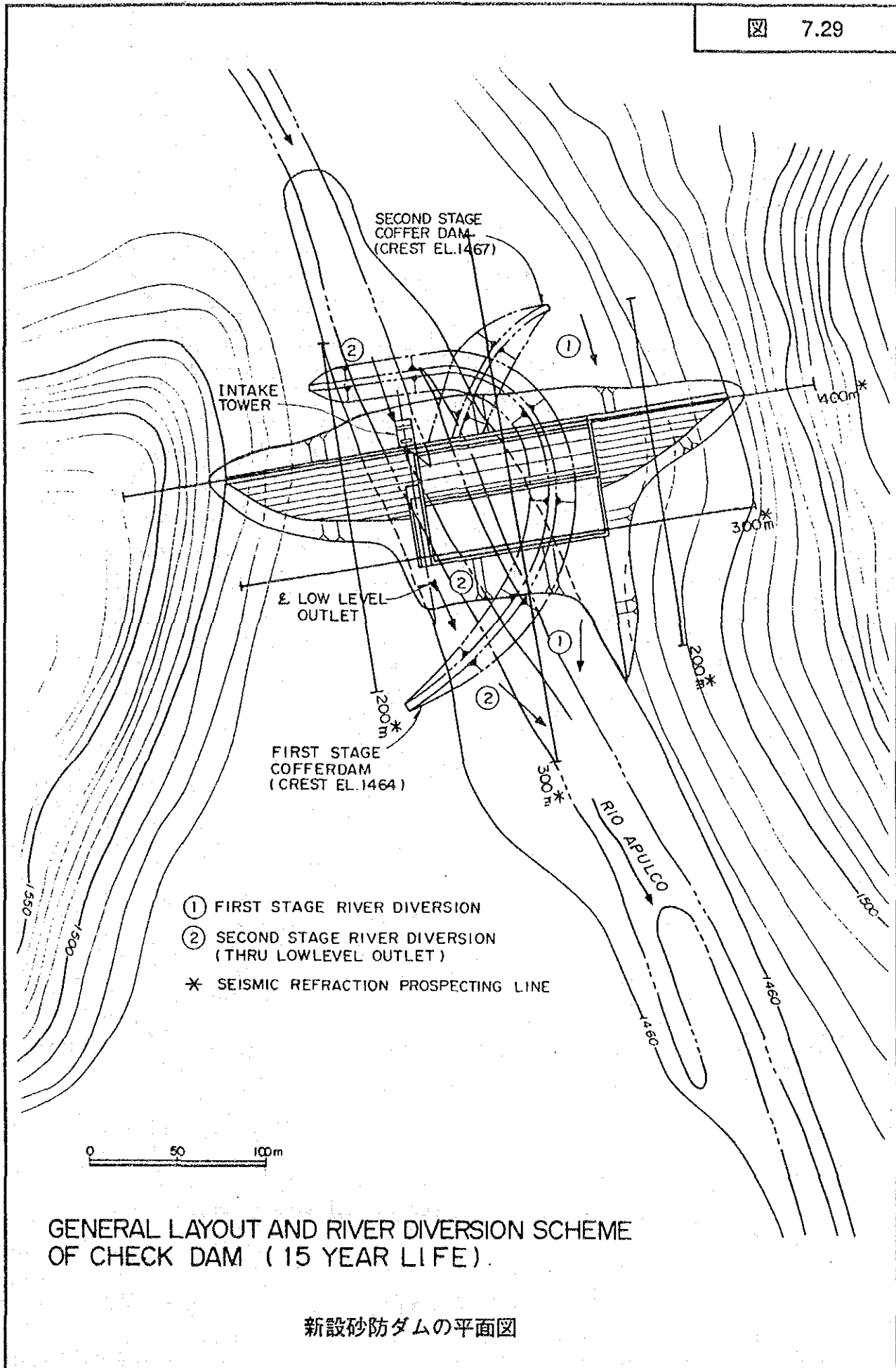
-  RIVER DEPOSIT(sand and gravel)
-  TALUS
-  FLOOD PLANE/TERRACE
-  IGNIMBRITE  
(Plio - Pleistocene)
-  PROPOSED  
DAM AXIS



砂防ダム候補地点の地質平面図

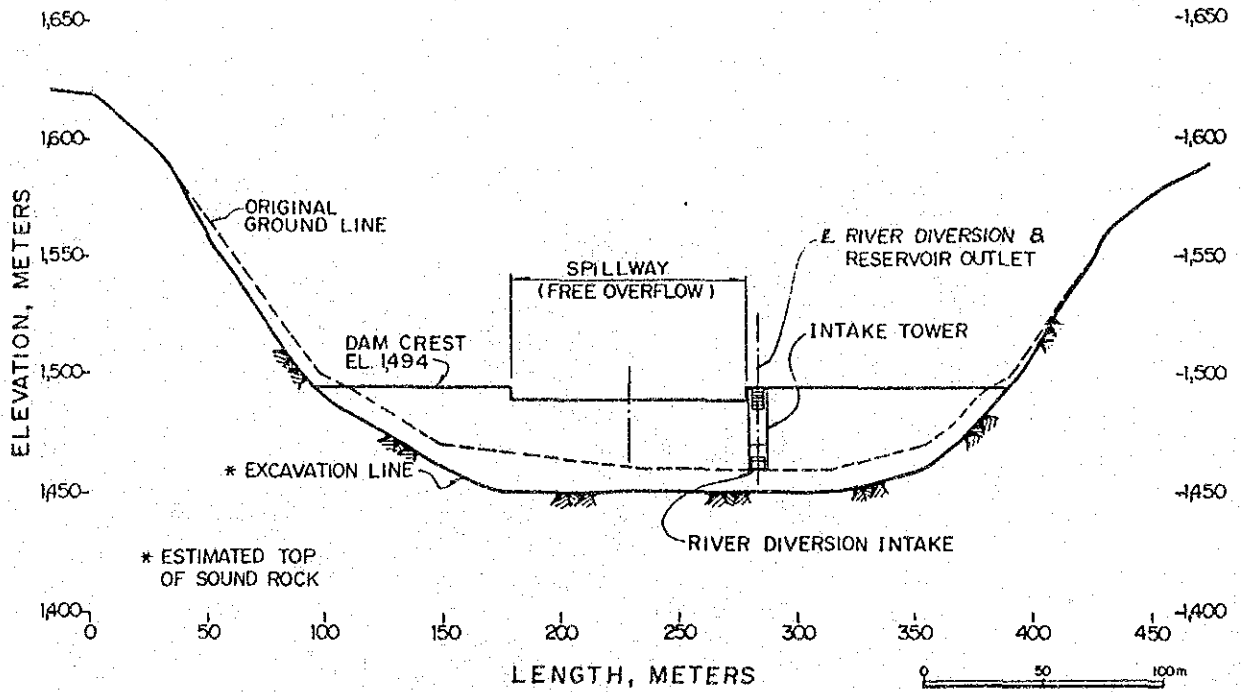


砂防ダム候補地点の地質断面図

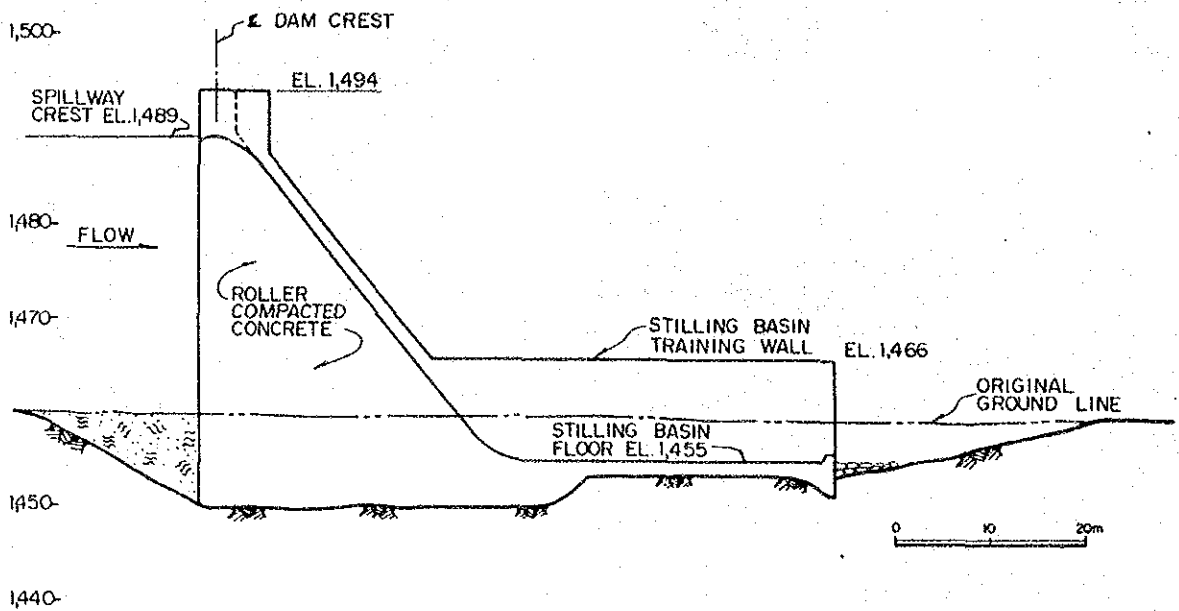


GENERAL LAYOUT AND RIVER DIVERSION SCHEME OF CHECK DAM ( 15 YEAR LIFE ).

新設砂防ダムの平面図



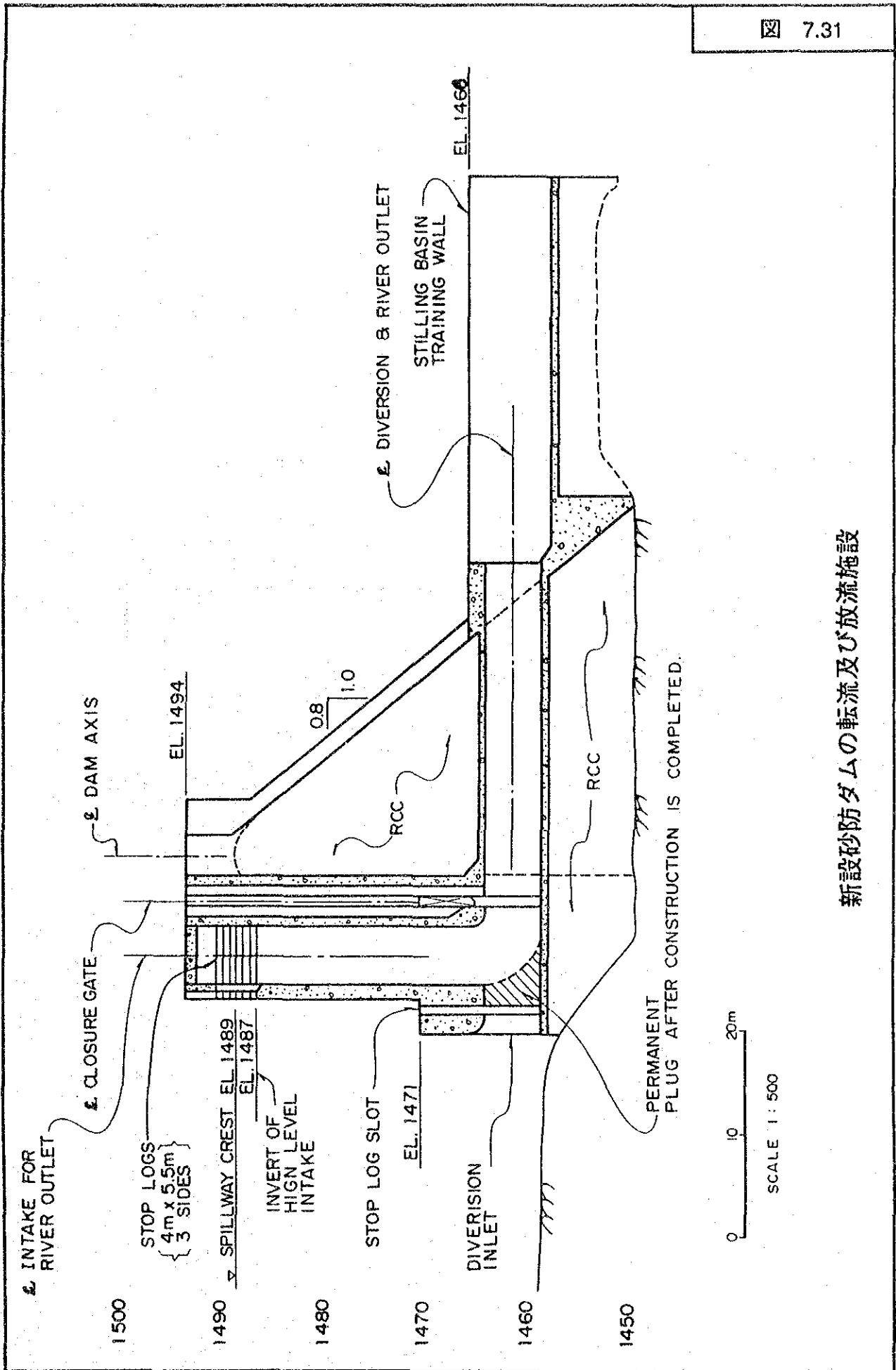
UPSTREAM ELEVATION OF CHECK DAM



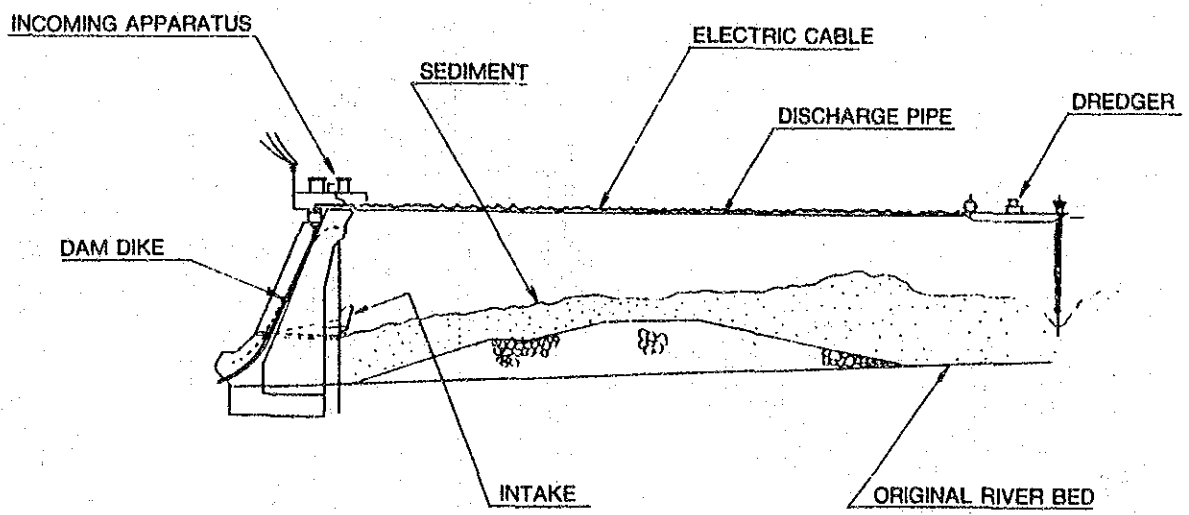
SECTION THRU SPILLWAY CENTERLINE CHECK DAM

新設砂防ダムの断面図





新設砂防ダムの転流及び放流施設



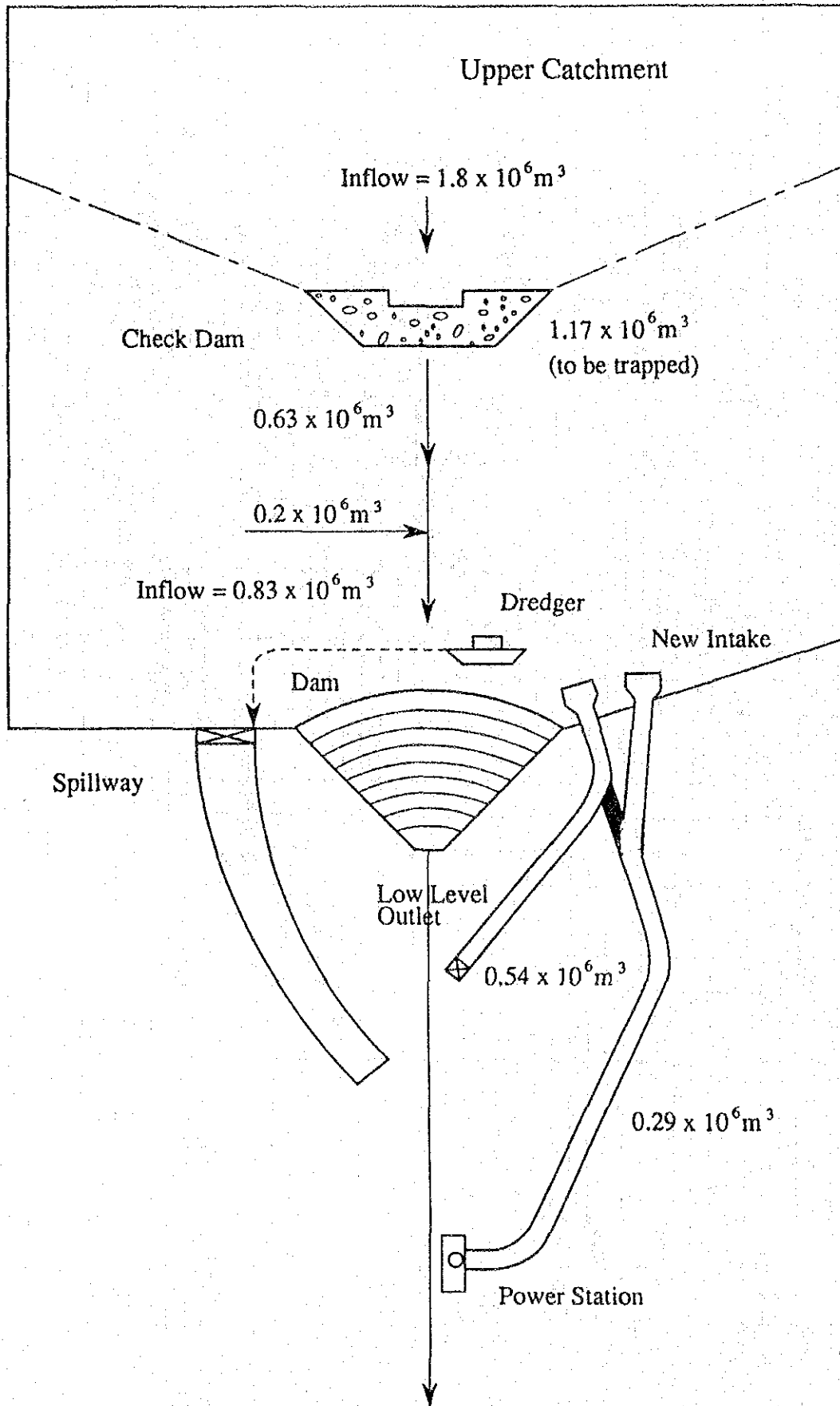
貯水池の浚渫計画



Work Items	Month							Remarks
	1	2	3	4	5	6	7	
A. Topographic Survey								
A-1 Preparation/Mobilization	■							
A-2 Aerial photogrammetric mapping								
(1) Shooting		■						For the proposed reservoir and road relocation, 20 km <sup>2</sup> , 1/2,000
(2) Ground control survey		■						
(3) Levelling		■						
(4) Mapping		■						
A-3 Ground Survey								
(1) Profile/Section survey		■						For the check dam and intake site
(2) Plane table survey		■						- do -
B. Geological Survey								
B-1 Preparation/Mobilization	■							
B-2 Seismic refraction prospecting		■						For check dam site : 1,400 m for 5 lines
B-3 Core drilling		■						For check dam : 200 m long for 6 holes and intake and tunnel : 160 m long for 4 holes
C. Construction Material Survey								
C-1 Sand & gravel	■							For concrete aggregate for building concrete dam
C-2 Quarry site	■							
D. Bathymetric Survey of Soledad Reservoir								
D-1 Entire reservoir area	■							By using echo sounder at every 6 month.
D-2 Dam and intake area		■						
E. Measurement of Turbidity of Water								
E-1 Reservoir	■							By using turbidity water at every 6 month.
E-2 Downstream		■						

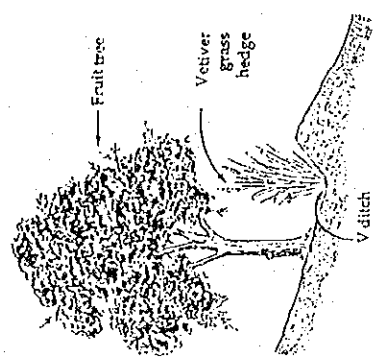
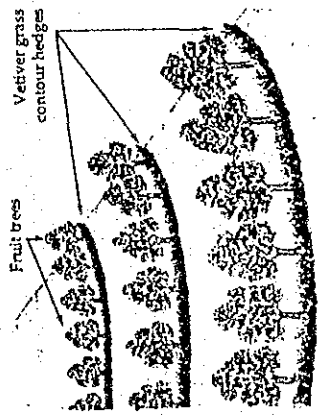
現地調査スケジュール





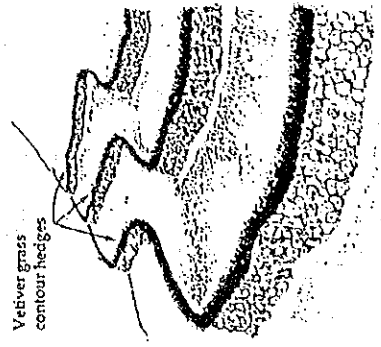
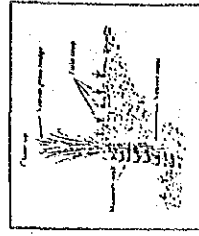
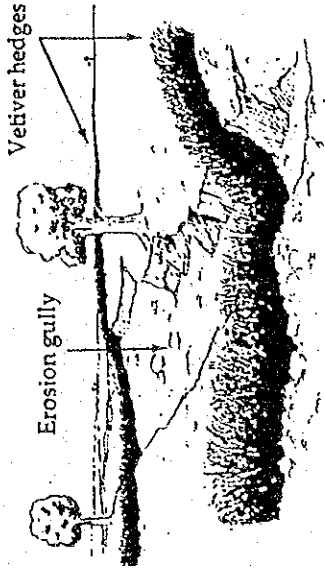
リハビリテーション計画の土砂収支

図 10.1

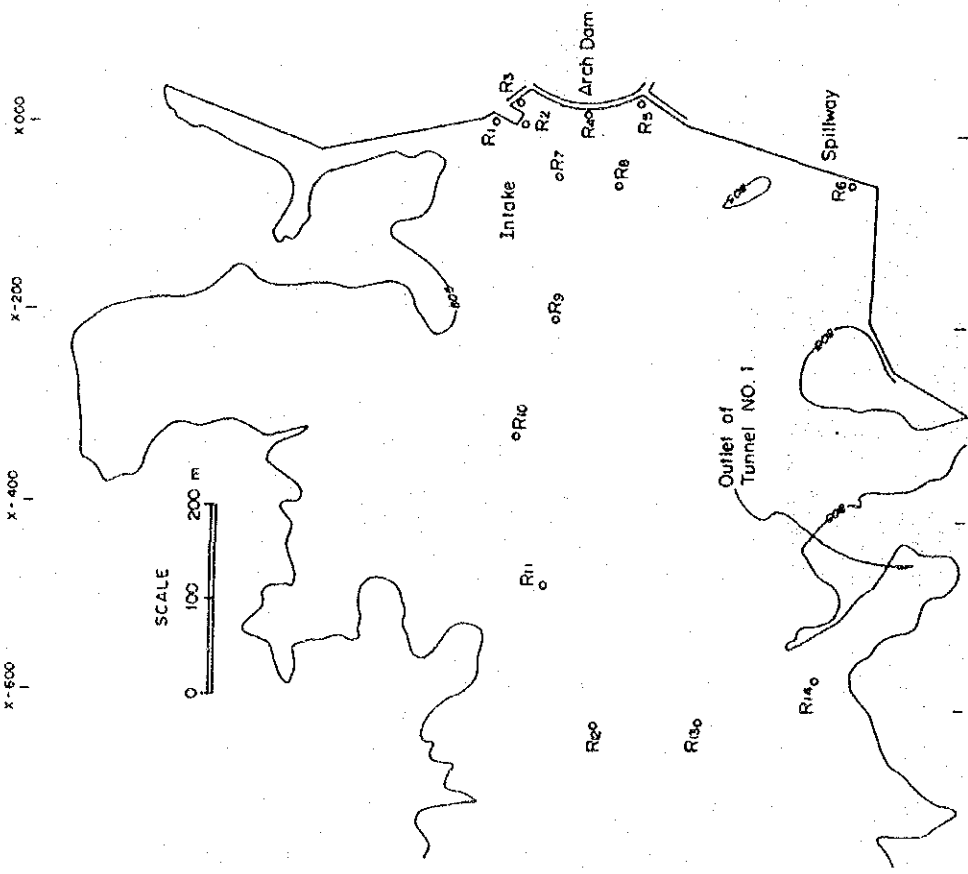
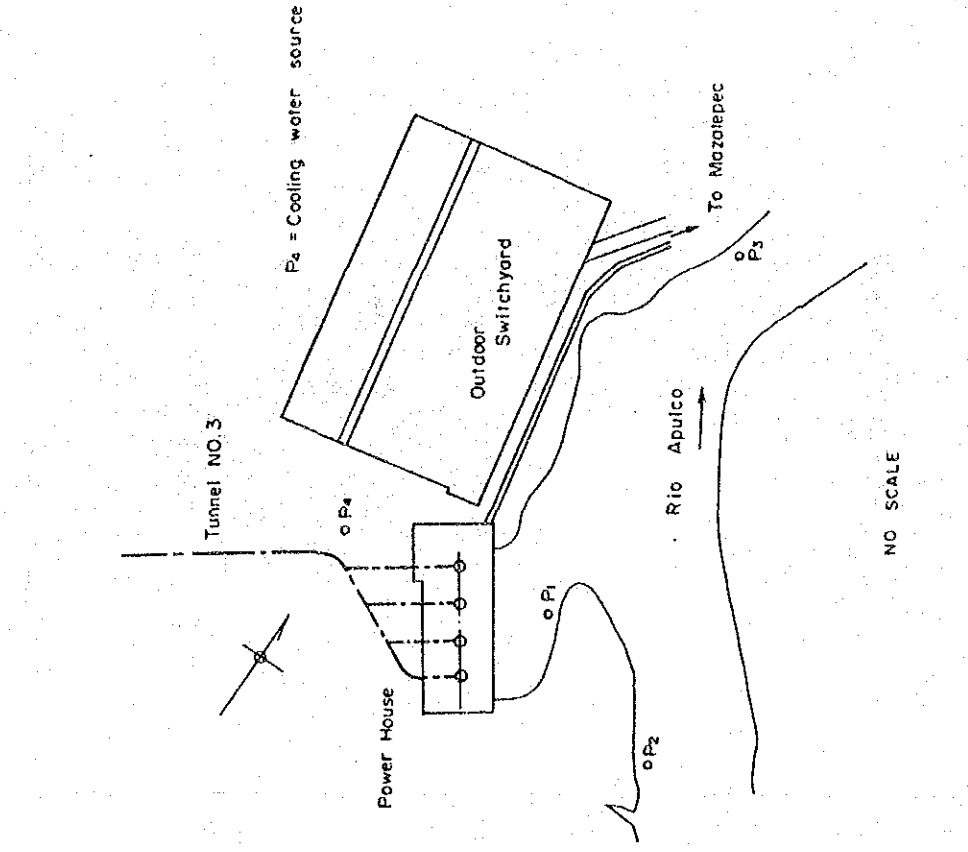


山腹における植林対策

図 10.2



岩盤段丘部における草地化対策



x - 600  
x - 400  
x - 200  
x 000

SCALE  
0 100 200 M

NO SCALE

LOCATION OF POWER HOUSE

DAM AND RESERVOIR AREA

濁度測定位置図





JICA

