

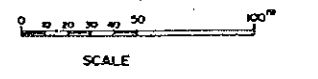
**TABLE OF DIMENSIONS**

LOCATION	WADI AL BASSIERAH IN THE U.A.E.
RIVER	WADI AL BASSIERAH
GENERAL	GEOMETRY OF RIGHT ADJUTMENT SUPPLEMENTARY DAM SITE LEFT ADJUTMENT QUARTZ 50.00
CATCHMENT AREA	122 KM <sup>2</sup>
RESERVOIR GENERAL	
AREA	700,000 M <sup>2</sup>
F.W.S.	EL. 115.00 M
EFFECTIVE CAPACITY	2,500,000 M <sup>3</sup>
TYPE	ROCK-FILL
DAM BODY	
HEIGHT	19.50 M
CREST LENGTH	883.50 M
CREST WIDTH	50 M
CREST	EL. 122.50 ~ 122.80 M
LOWEST FRETTEL EL.	EL. 103.00 M
VOLUME	669,000 M <sup>3</sup>
SPILLWAY	
TYPE	CHUTE TYPE WITHOUT GATE
DESIGN FLOOD	2,310 M <sup>3</sup> /SEC
CREST EL.	EL. 115.00 M
NO.	1
DIA.	1,420 MM
MAX. OUTFLOW	M <sup>3</sup> /SEC

**BENCH MARK**

BENCH MARK	ELEVATION (M)
NO. 1	EL. 107.70
NO. 2	EL. 113.91

- NOTES**
1. ALL STATIONS, ELEVATIONS AND DIMENSIONS ARE GIVEN IN METERS.
  2. THE STATION NUMBERS ARE READ FROM LEFT BANK TO RIGHT BANK.
  3. DAM CREST ELEVATION ON THIS DRAWING ARE INCLUDING EXTRA BANKING (MAX. EXTRA BANKING IS 30cm)

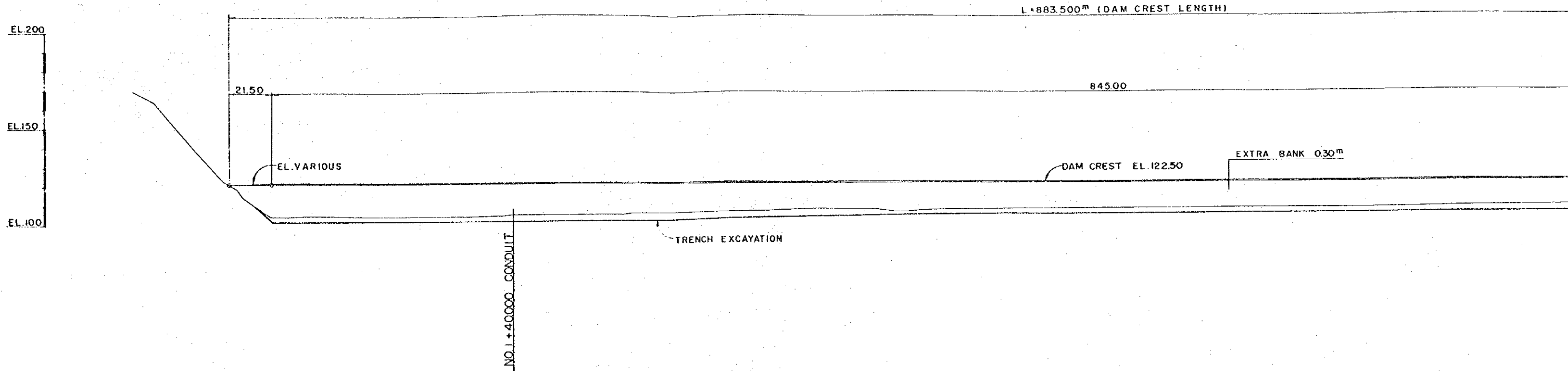


- LEGEND**
- POWER POST
  - FLOOD-GAUGE
  - TEST WELL
  - BENCH MARK
  - BENCH MARK FOR PROPOSED DAM AXIS
  - SUPPLEMENTARY CONTOURLINE

THE UNITED ARAB EMIRATES  
WADI AL BASSIERAH  
WATER RESOURCES  
DEVELOPMENT PROJECT

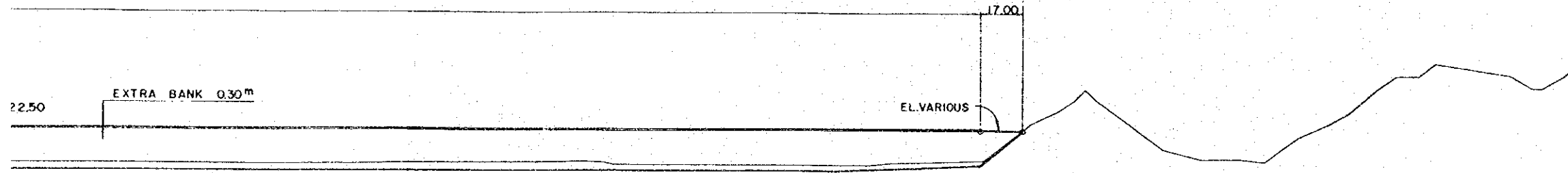
アルバセイラダム計画一般図

(1) JICA



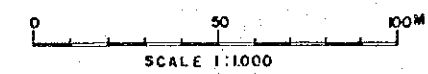
DAM CREST ELEVATION		122.500	122.590	122.800	122.800	122.800	122.800	122.800	122.800	122.800	122.800
TRENCH EXCAVATION ELEVATION		122.500	122.590	103.000	103.000	103.000	103.000	105.000	106.000	106.000	106.000
GROUND ELEVATION		122.500	115.500	103.000	103.000	106.000	106.000	108.500	108.500	108.500	108.500
TOTAL DISTANCE		0.000	10.000	25.000	110.000	150.000	210.000	310.000	410.000	510.000	610.000
DISTANCE		0.000	10.000	15.000	85.000	40.000	100.000	100.000	100.000	100.000	100.000
STATION		-6.500	NO. 0	+15.000	NO. 1	+40.000	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6

ST LENGTH



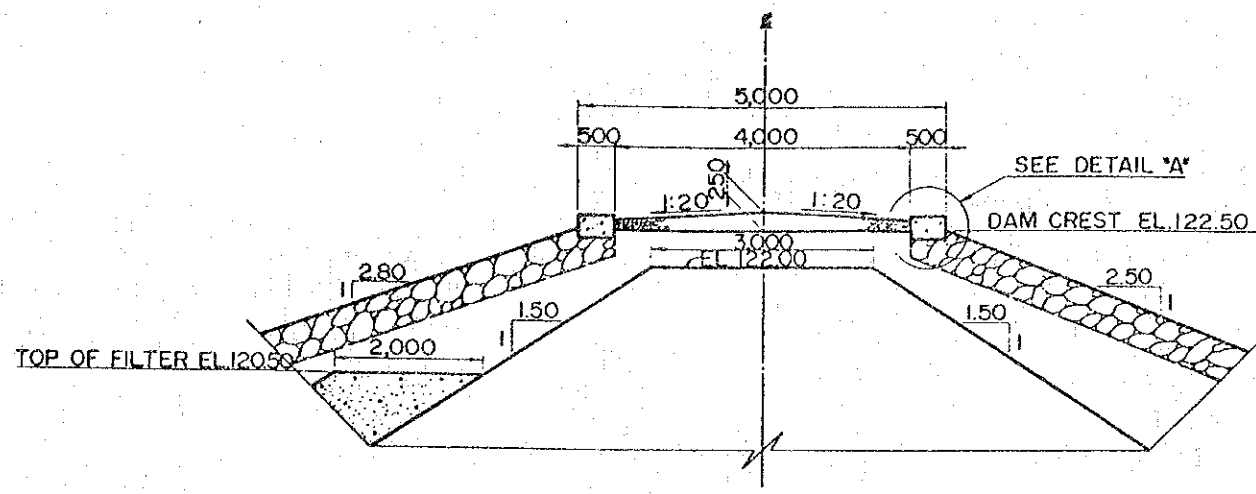
NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10
100.000	100.000	100.000	100.000	20.000	100.000
510.000	610.000	710.000	810.000	887.000	1010.000
108.500	108.500	109.500	108.000	122.500	123.700
106.000	106.000	106.000	106.000	123.500	
122.800	122.800	122.800	122.800	122.500	
+60.000				+77.000	

NOTE: ALL DIMENSIONS ARE GIVEN IN METER

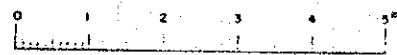


THE UNITED ARAB EMIRATES  
WADI AL BASSIERAH  
WATER RESOURCES  
DEVELOPMENT PROJECT

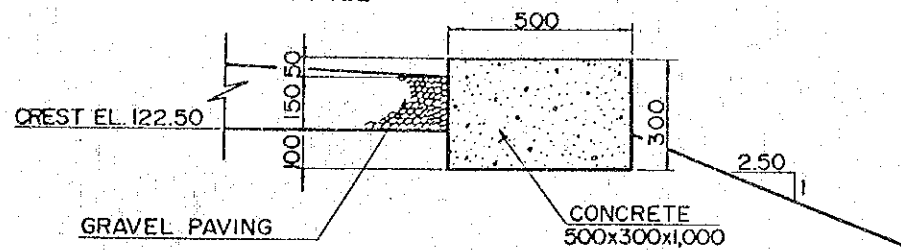
アルバセイラダム中心線縦断面図



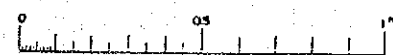
DETAIL OF CREST



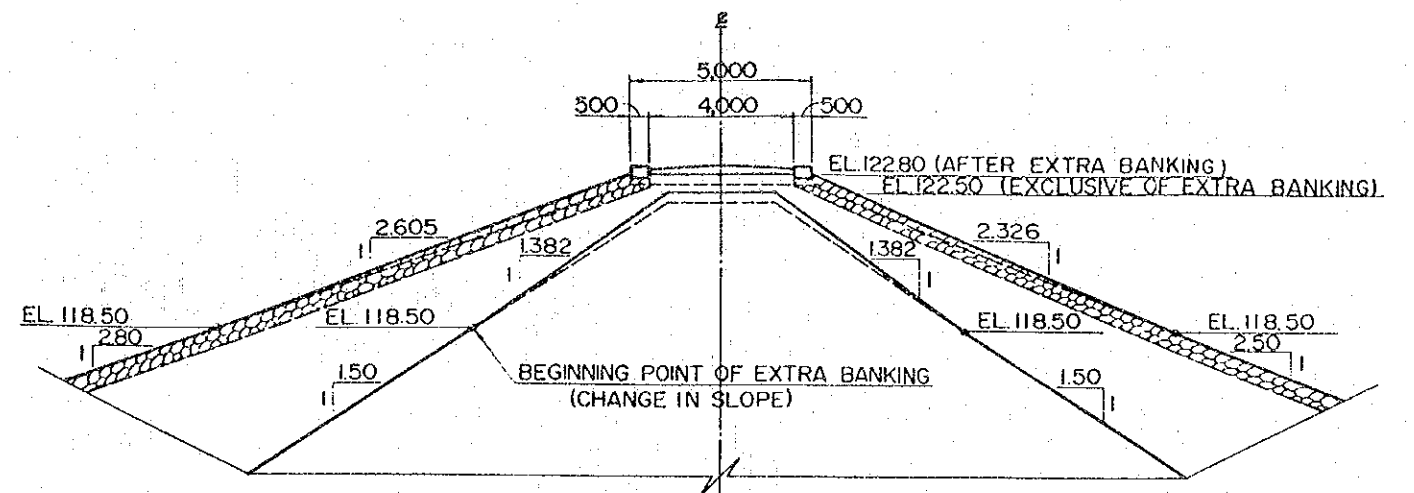
SCALE



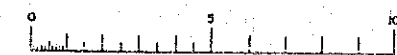
DETAIL "A"



SCALE

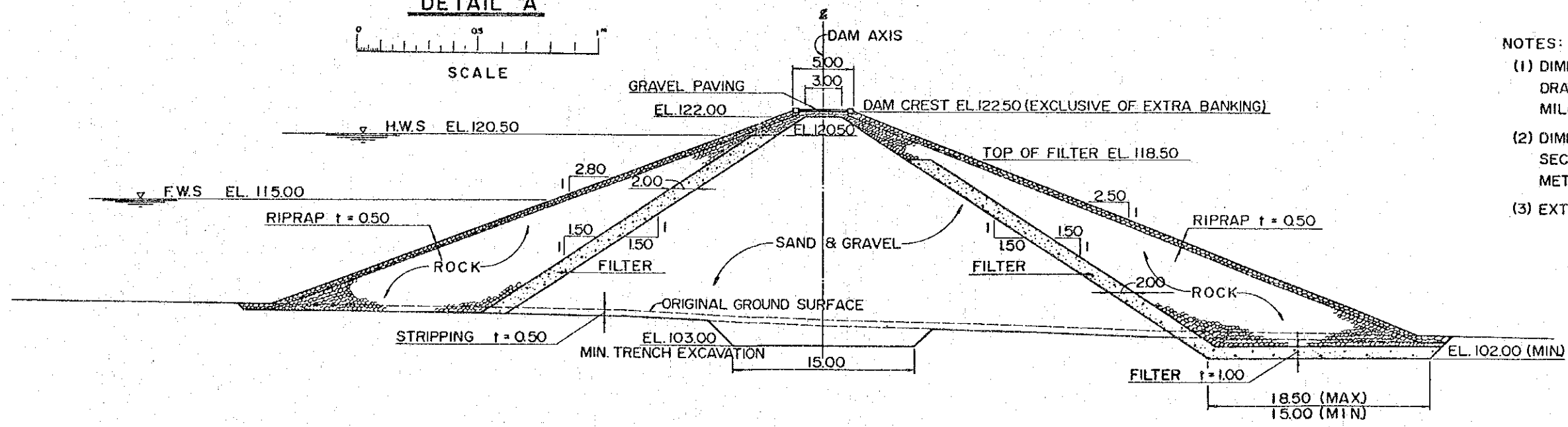


DETAIL OF EXTRA BANK

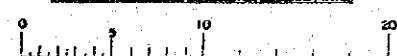


SCALE

EL. 130  
EL. 125  
EL. 120  
EL. 115  
EL. 110  
EL. 105  
EL. 100



TYPICAL SECTION



SCALE

NOTES:

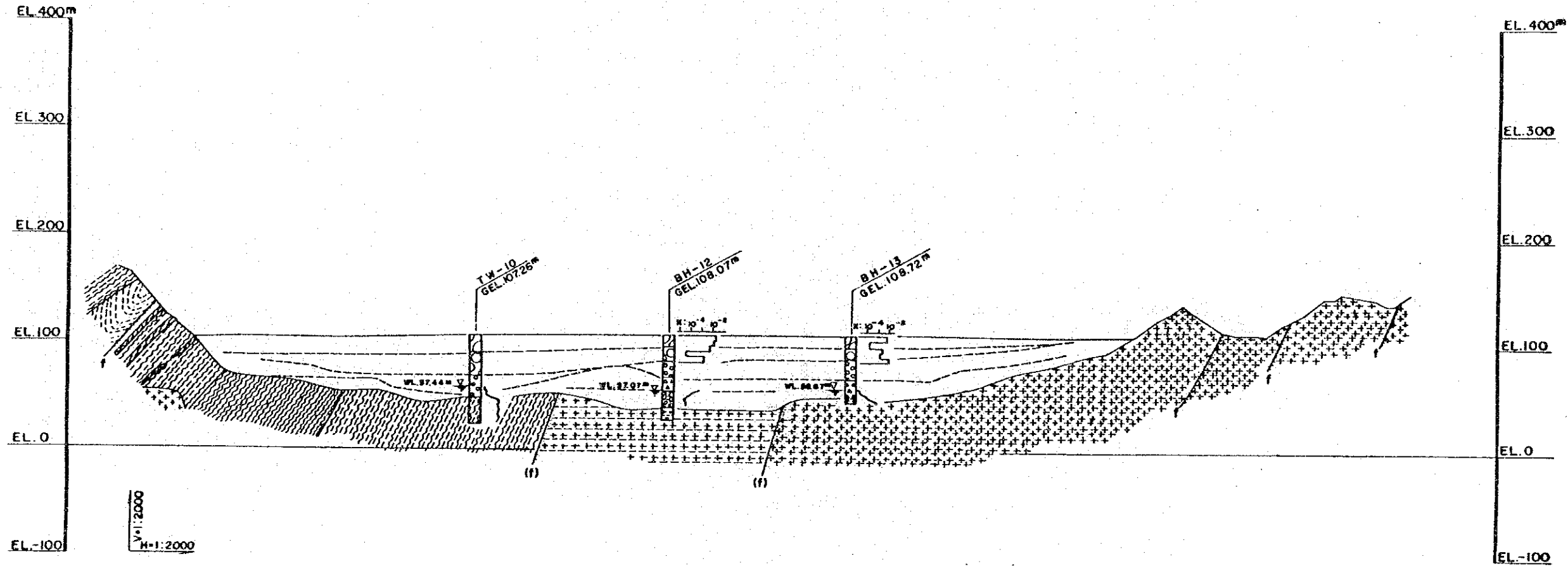
- (1) DIMENSIONS OF DETAIL DRAWINGS ARE GIVEN IN MILLIMETER.
- (2) DIMENSIONS OF TYPICAL SECTION ARE GIVEN IN METER.
- (3) EXTRA BANKING IS MAX. 30cm

THE UNITED ARAB EMIRATES  
WADI AL BASSIERAH  
WATER RESOURCES  
DEVELOPMENT PROJECT

アルバセイラダム標準断面図

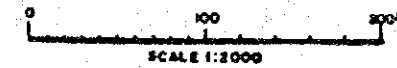
(3) JICA

GEOLOGICAL PROFILE ALONG THE DAM AXIS



LEGEND

- RECENT WADIBED DEPOSIT
- LOWER TERRACE DEPOSIT
- UPPER TERRACE DEPOSIT
- TALUS DEPOSIT
- OLD TERRACE DEPOSIT (CONGLOMERATE FORMATION)
- SERPENTINITE
- SERPENTINITE/CLAY
- QUARTZ SCHIST/OTHER SCHISTS
- GREEN SCHIST
- QUARTZ SCHIST
- FAULT
- FAULT (ASSUMED)
- GEOLOGICAL BOUNDARY
- TW TEST WELL
- BH BORE HOLE



THE UNITED ARAB EMIRATES  
WADI AL BASSIERAH  
WATER RESOURCES  
DEVELOPMENT PROJECT

アルバセイラダム地質図







