DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT, MINISTRY OF PUBLIC WORKS JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

## THE FEASIBILITY STUDY ON THE GILIRANG IRRIGATION PROJECT IN THE REPUBLIC OF INDONESIA

FINAL REPORT

**ANNEX VOLUME III** 

Annex 11 Drawings

**JUNE 1995** 

NIPPON KOEI CO., LTD.

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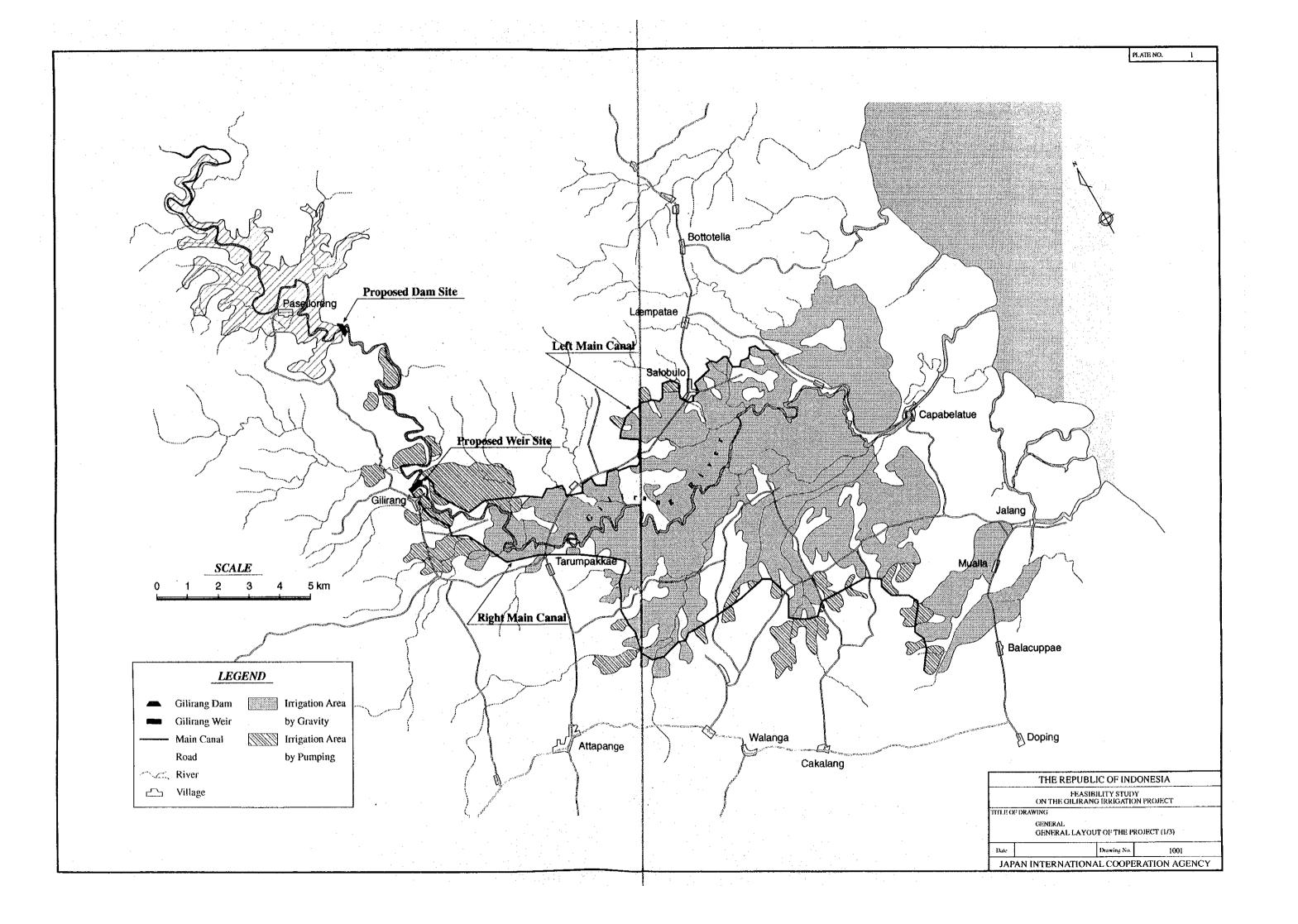
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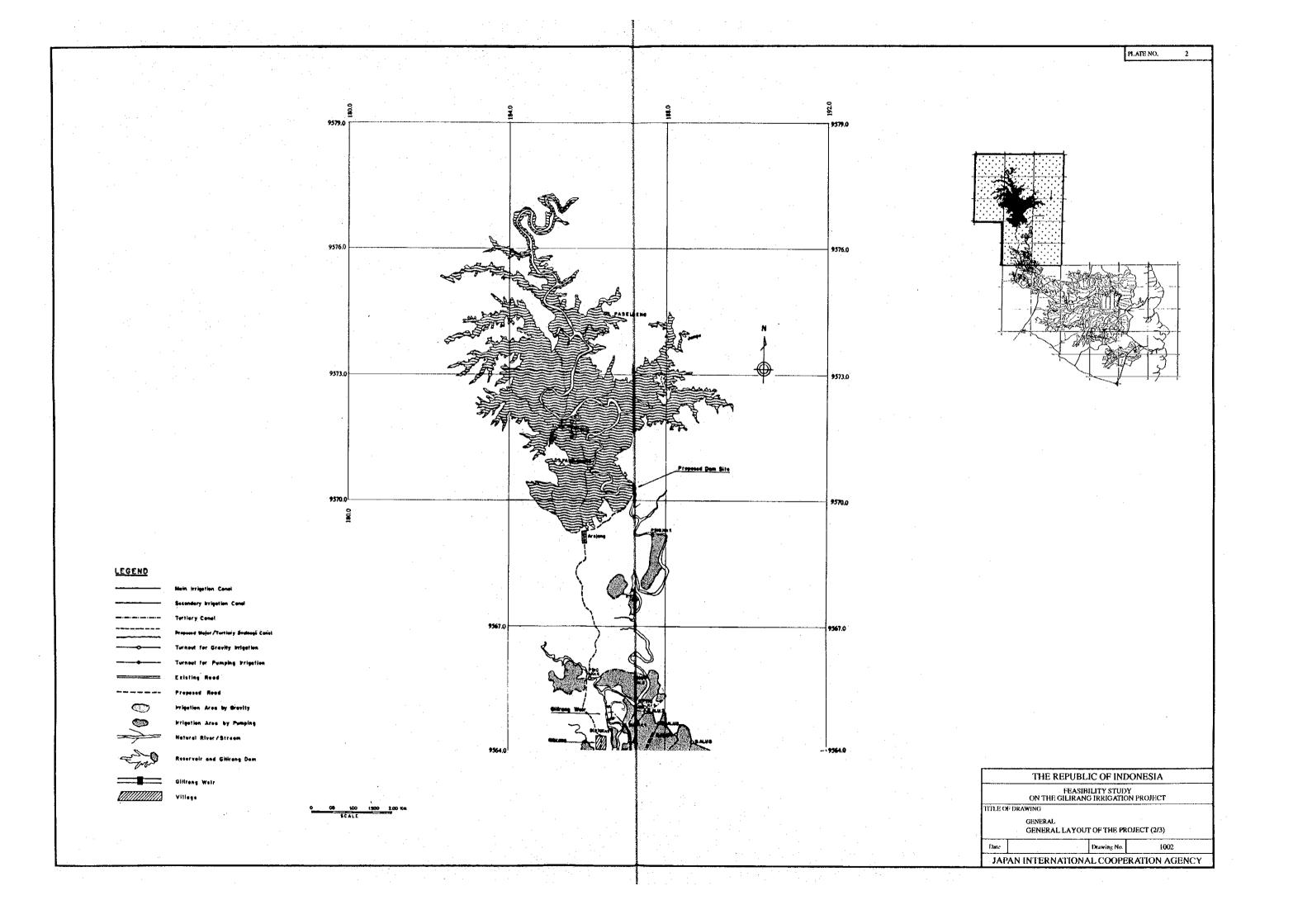


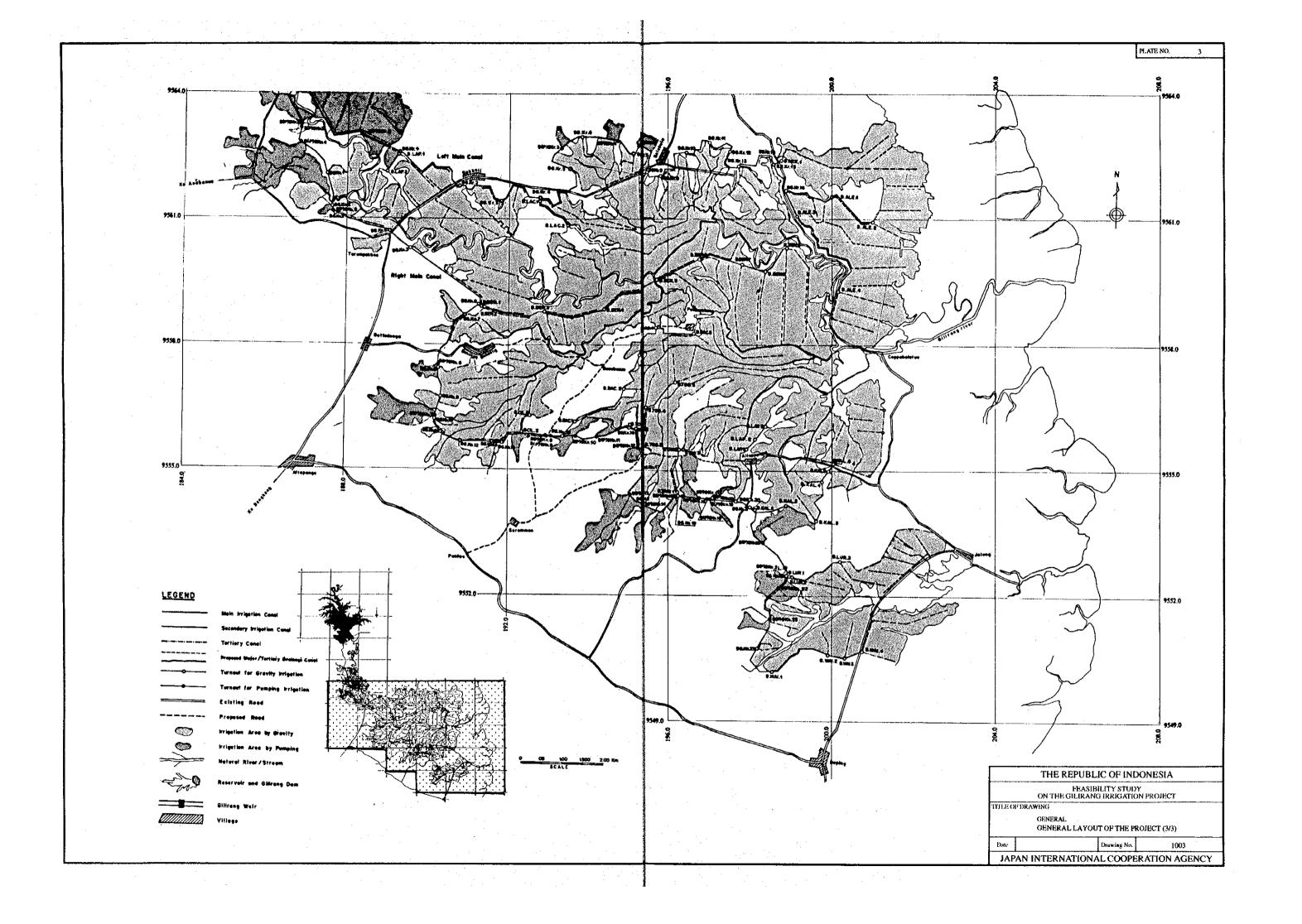
## FEASIBILITY STUDY ON THE GILIRANG IRRIGATION PROJECT

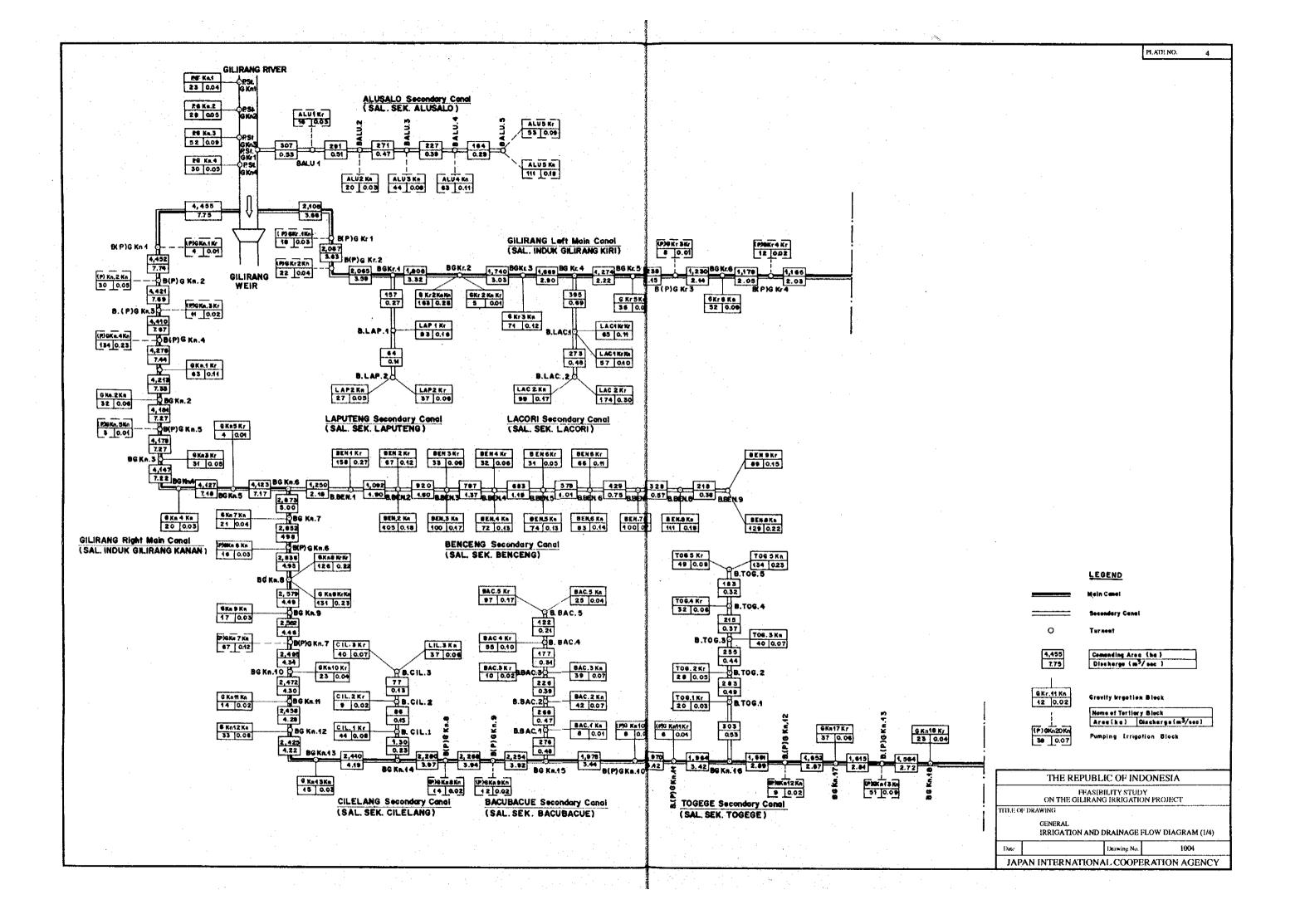
LIST OF DRAWINGS

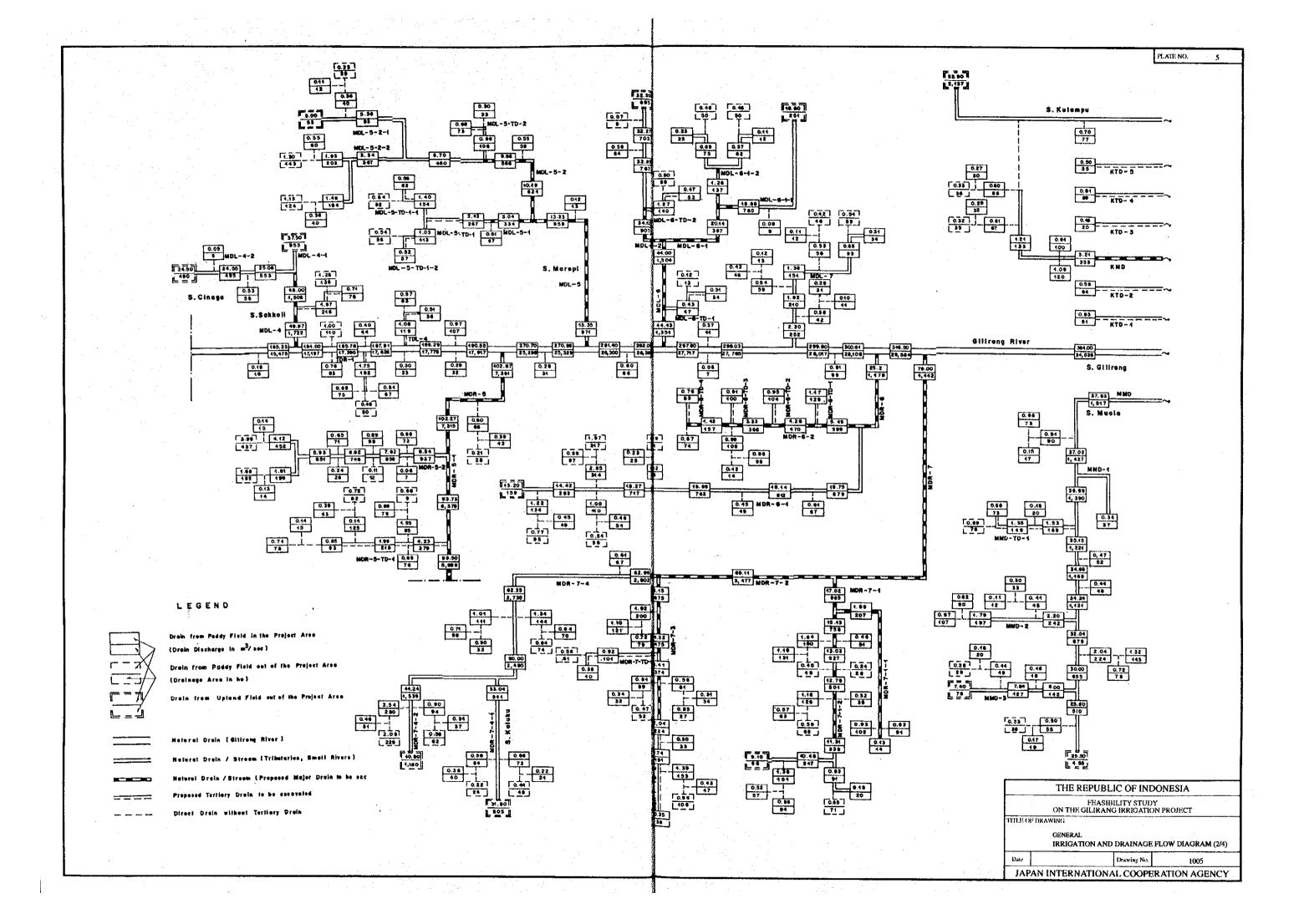
				<u> </u>	
PLATE NO.	DRAWING NO.	TITLE OF DRAWING	PLATE NO.	DRAWING NO.	TITLE OF DRAWING
I. GENERAL					
1	1001	GENERAL LAYOUT OF THE PROJECT (1/3)	22	4005	PROFILE OF THE RIGHT MAIN CANAL (1/5)
2	1002	GENERAL LAYOUT OF THE PROJECT (2/3)	23	4006	PROFILE OF THE RIGHT MAIN CANAL (2/5)
3	1003	GENERAL LAYOUT OF THE PROJECT (3/3)	24	4007	PROFILE OF THE RIGHT MAIN CANAL (3/5)
4	1004	IRRIGATION AND DRAINAGE FLOW DIAGRAM (1/4)	25	4008	PROFILE OF THE RIGHT MAIN CANAL (4/5)
5	1005	IRRIGATION AND DRAINAGE FLOW DIAGRAM (2/4)	26	4009	PROFILE OF THE RIGHT MAIN CANAL (5/5)
6	1006	IRRIGATION AND DRAINAGE FLOW DIAGRAM (3/4)	27	4010	PLAN OF THE LEFT MAIN CANAL (1/5)
7	1007	IRRIGATION AND DRAINAGE FLOW DIAGRAM (4/4)	28	4011	PLAN OF THE LEFT MAIN CANAL (2/5)
			29	4012	PLAN OF THE LEFT MAIN CANAL (3/5)
I. PASELLORENG DAM			30	4013	PLAN OF THE LEFT MAIN CANAL (4/5)
8	2001	GENERAL PLAN	31	4014	PLAN OF THE LEFT MAIN CANAL (5/5)
9	2002	PROFILE AND TYPICAL CROSS SECTION	32	4015	PLAN OF THE RIGHT MAIN CANAL (1/7)
10	2003	DIVERSION AND INTAKE STRUCTURE	33	4016	PLAN OF THE RIGHT MAIN CANAL (2/7)
11	2004	SPILLWAY	34	4017	PLAN OF THE RIGHT MAIN CANAL (3/7)
			35	4018	PLAN OF THE RIGHT MAIN CANAL (4/7)
II. GILIRANG INTAKE WEIR			36	4019	PLAN OF THE RIGHT MAIN CANAL (5/7)
12	3001	GENERAL PLAN	37	4020	PLAN OF THE RIGHT MAIN CANAL (6/7)
13	3002	PLAN	38	4021	PLAN OF THE RIGHT MAIN CANAL (7/7)
14	3003	PROFILE (1/3)	39	4022	TYPICAL CROSS SECTION OF CANAL & ROAD
15	3004	PROFILE (2/3)	40	4023	TYPICAL DRAWING TURNOUT & MEASURING DEVICE
16	3005	PROFILE (3/3)	41	4024	AQUEDUCT
17	3006	TYPICAL CROSS SECTION OF CLOSURE DAM, DIKE & EMBANKMEN	NT 42	4025	TYPICAL DRAWING DROP & SPILLWAY
			43	4026	TYPICAL DRAWING SYPHON & CROSS DRAIN TYPE-A
V. IRRIGATION AND DRAINAGE			44	4027	TYPICAL DRAWING CROSS DRAIN TYPE-B, C
18	4001	PROFILE OF THE LEFT MAIN CANAL (1/4)	45	4028	TYPICAL DRAWING ROAD CROSSING
19	4002	PROFILE OF THE LEFT MAIN CANAL (2/4)			
20	4003	PROFILE OF THE LEFT MAIN CANAL (3/4)		•	
21	4004	PROFILE OF THE LEFT MAIN CANAL (4/4)			

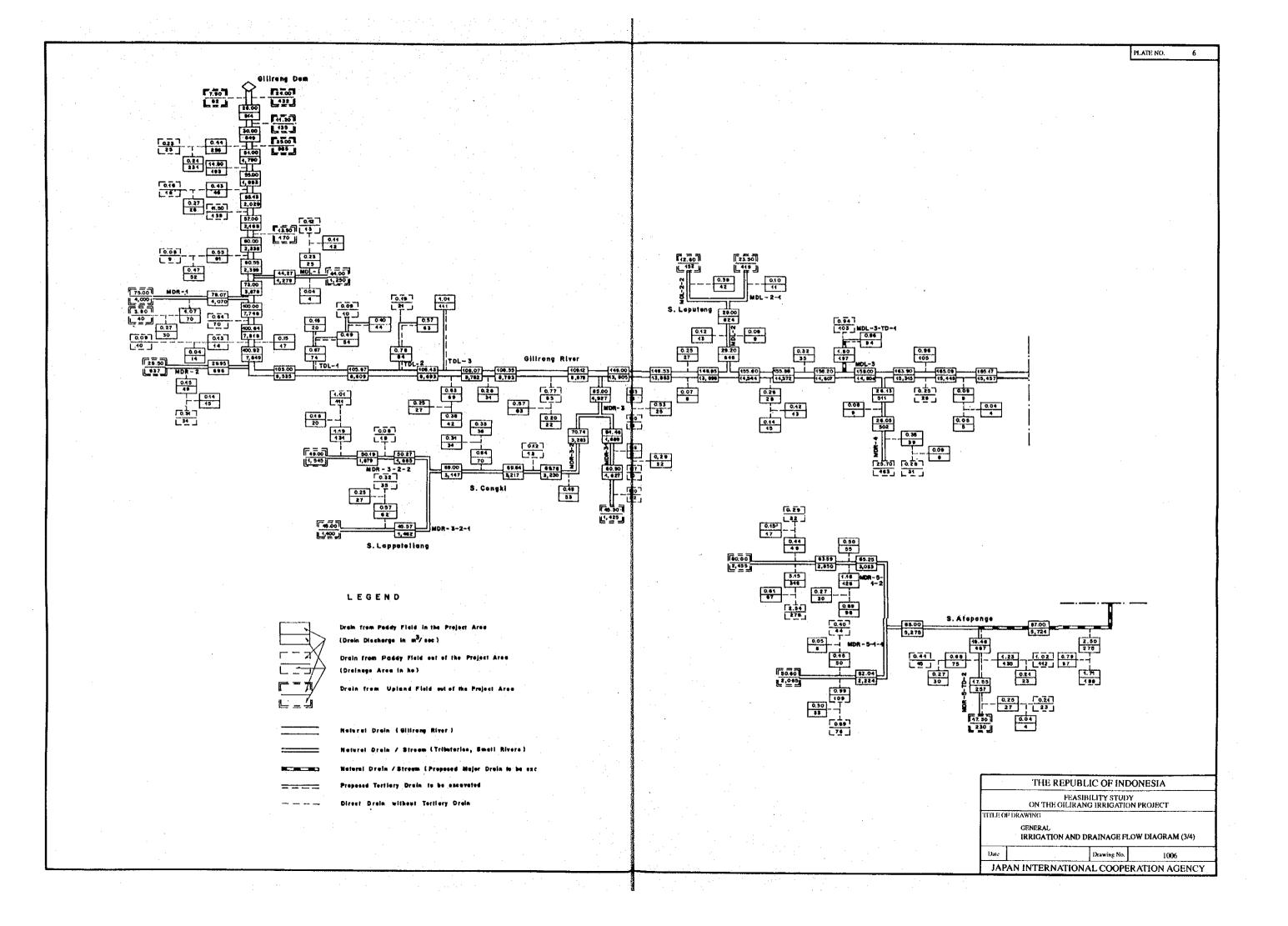


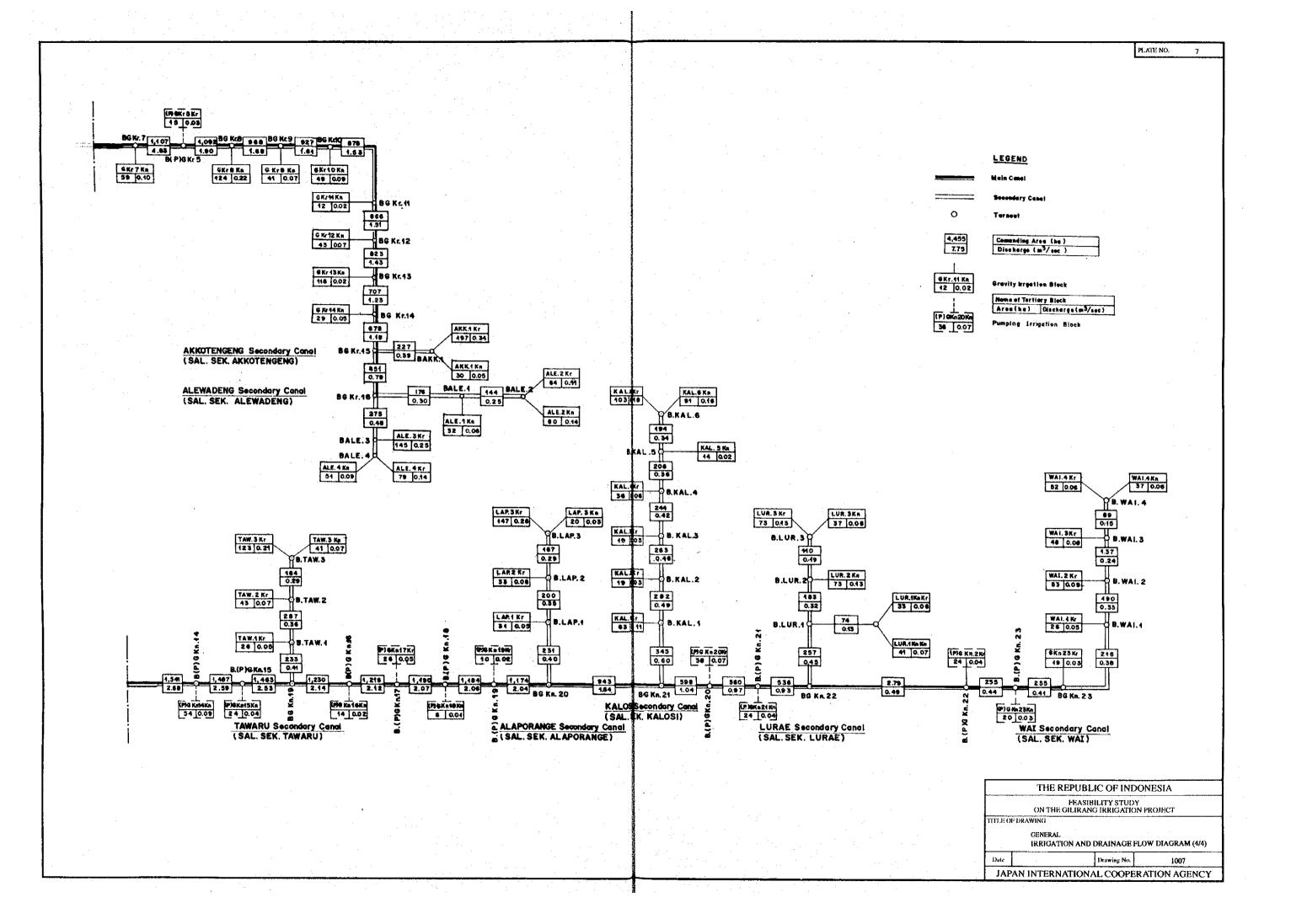


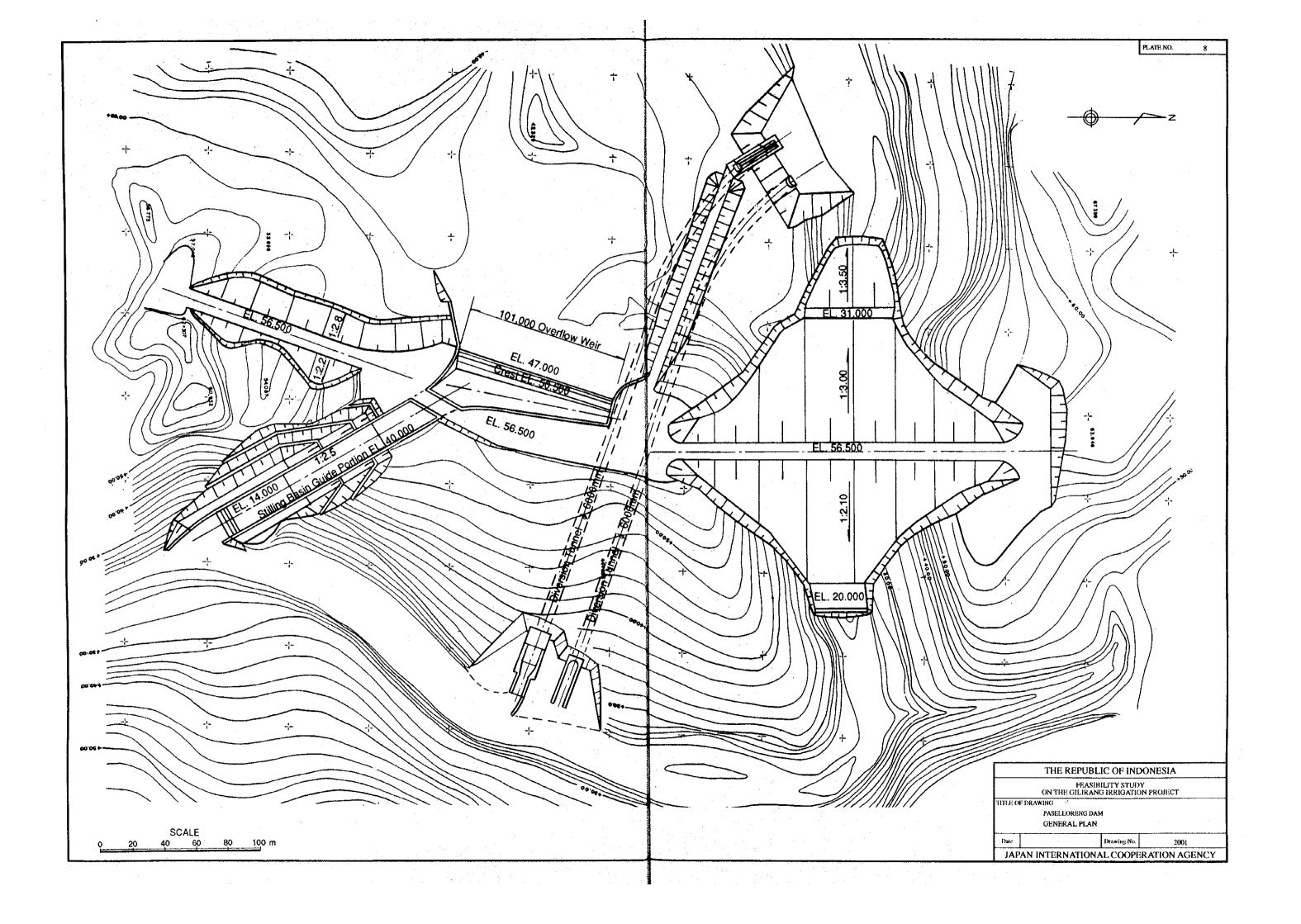


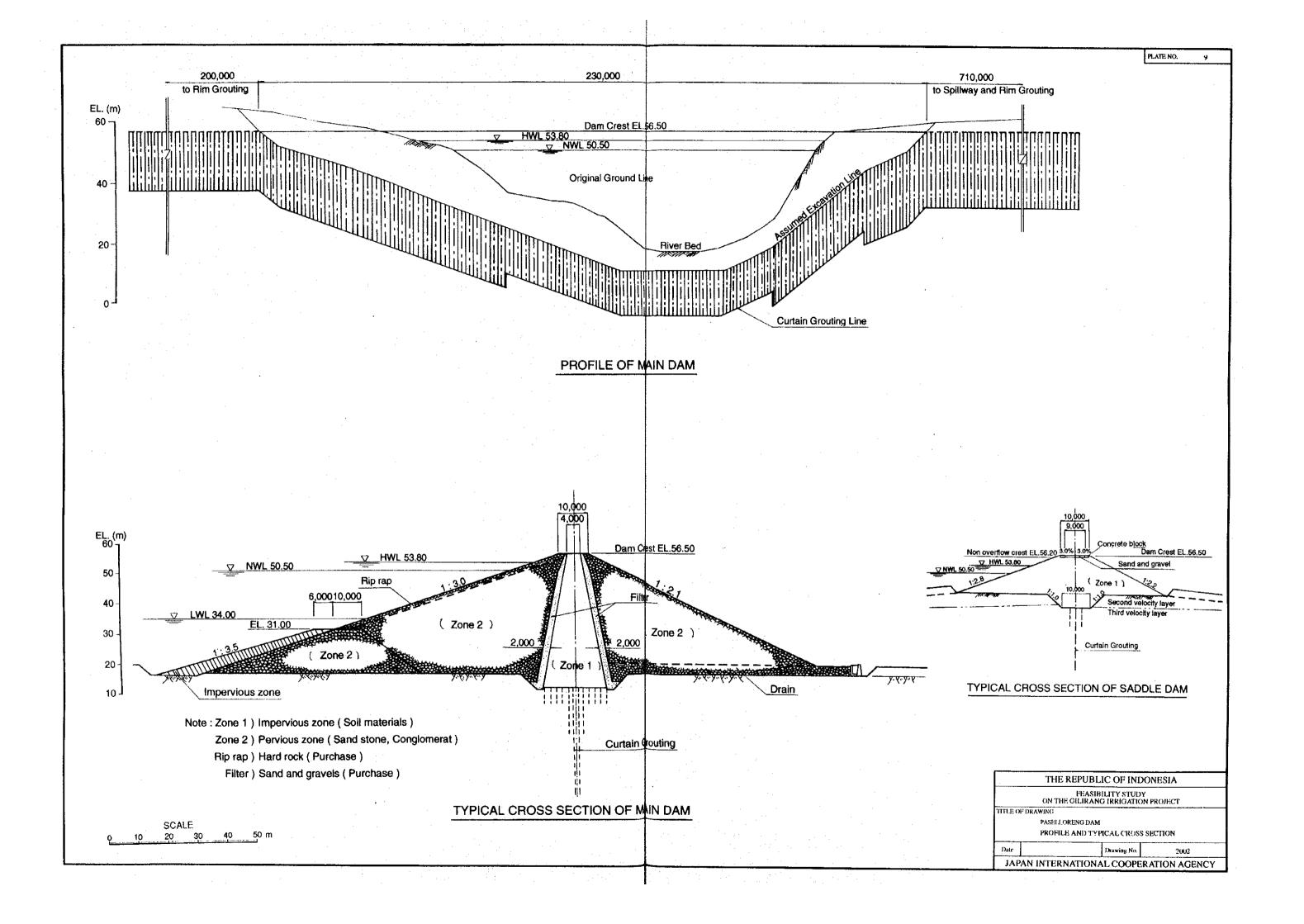


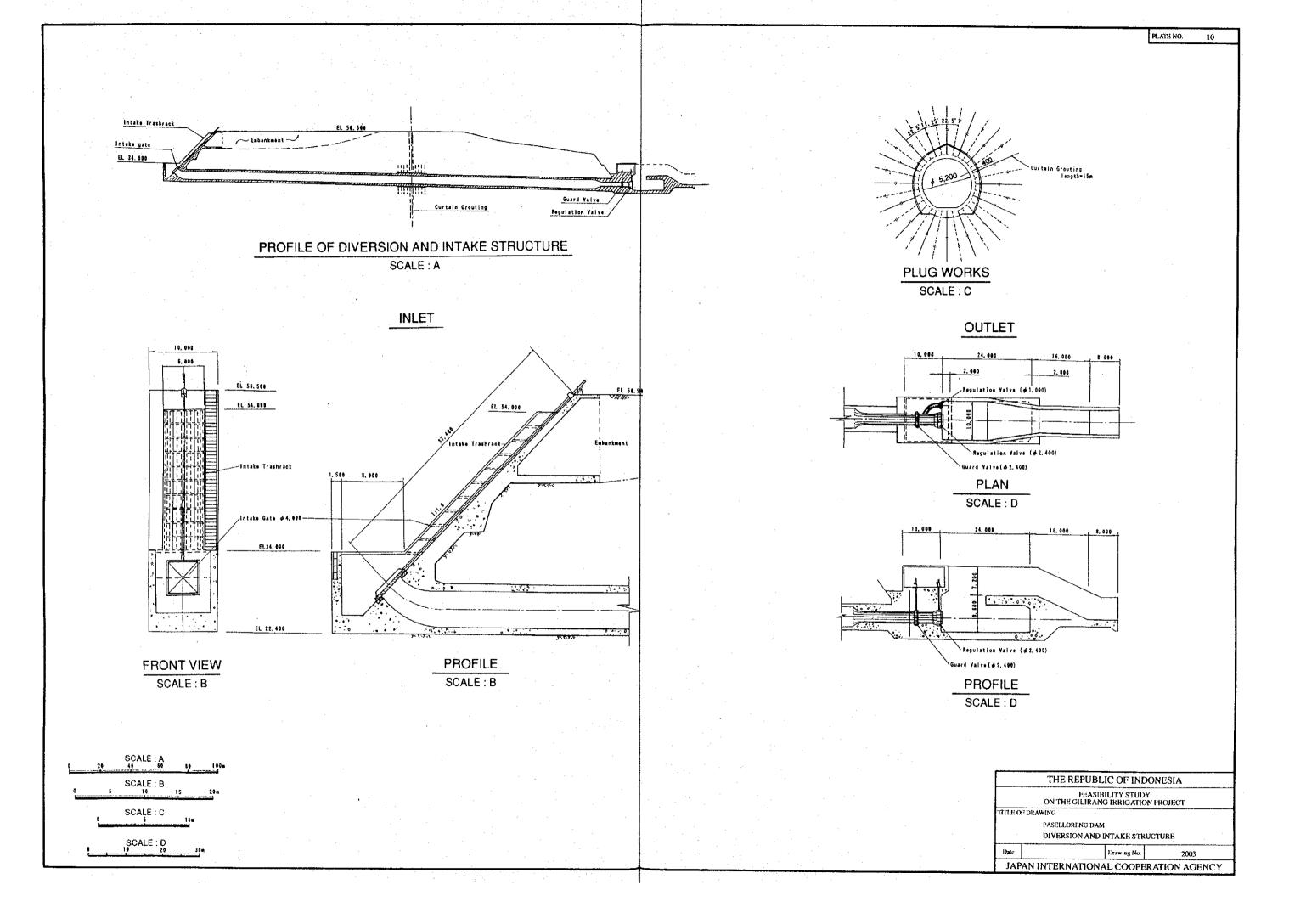


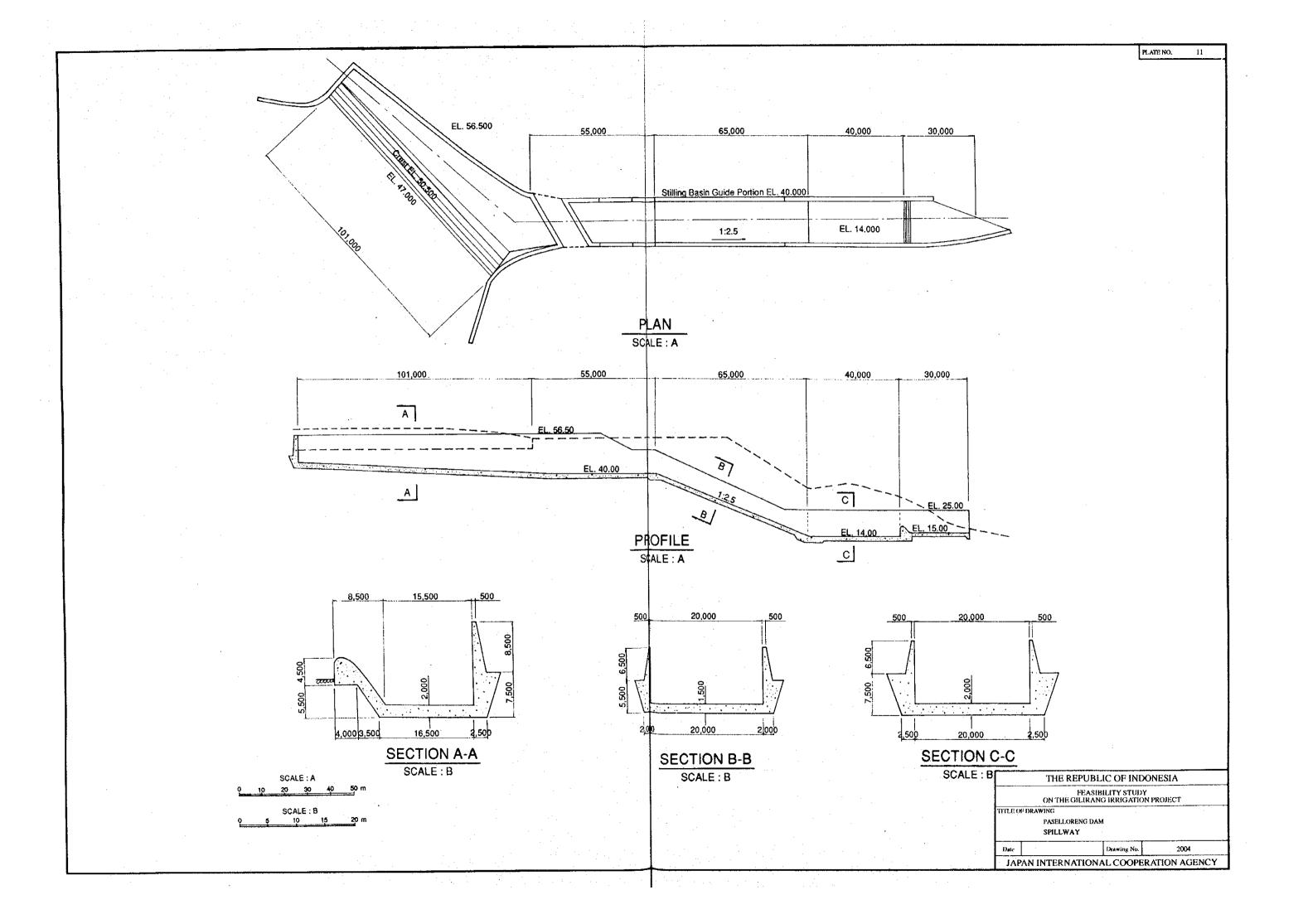


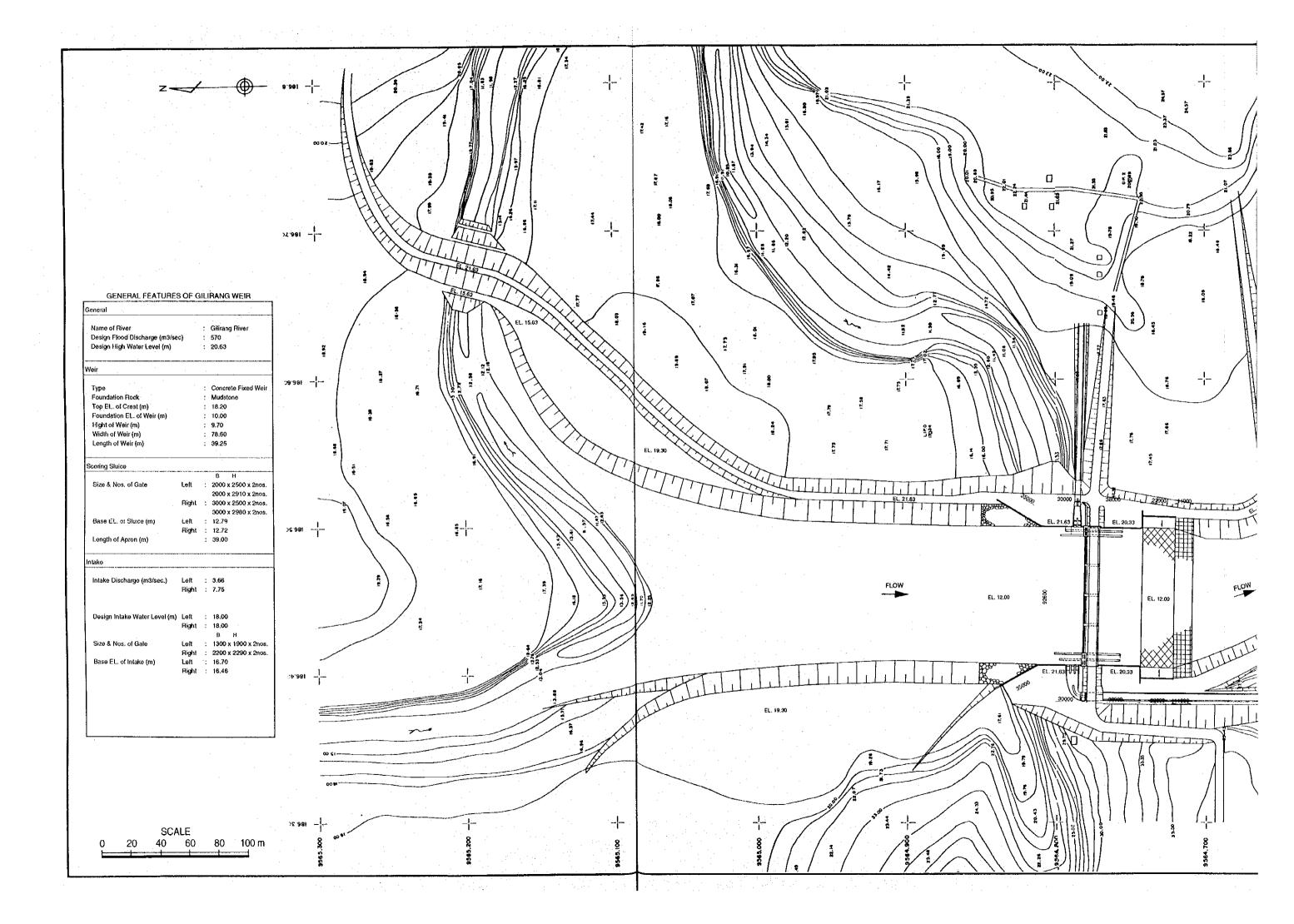


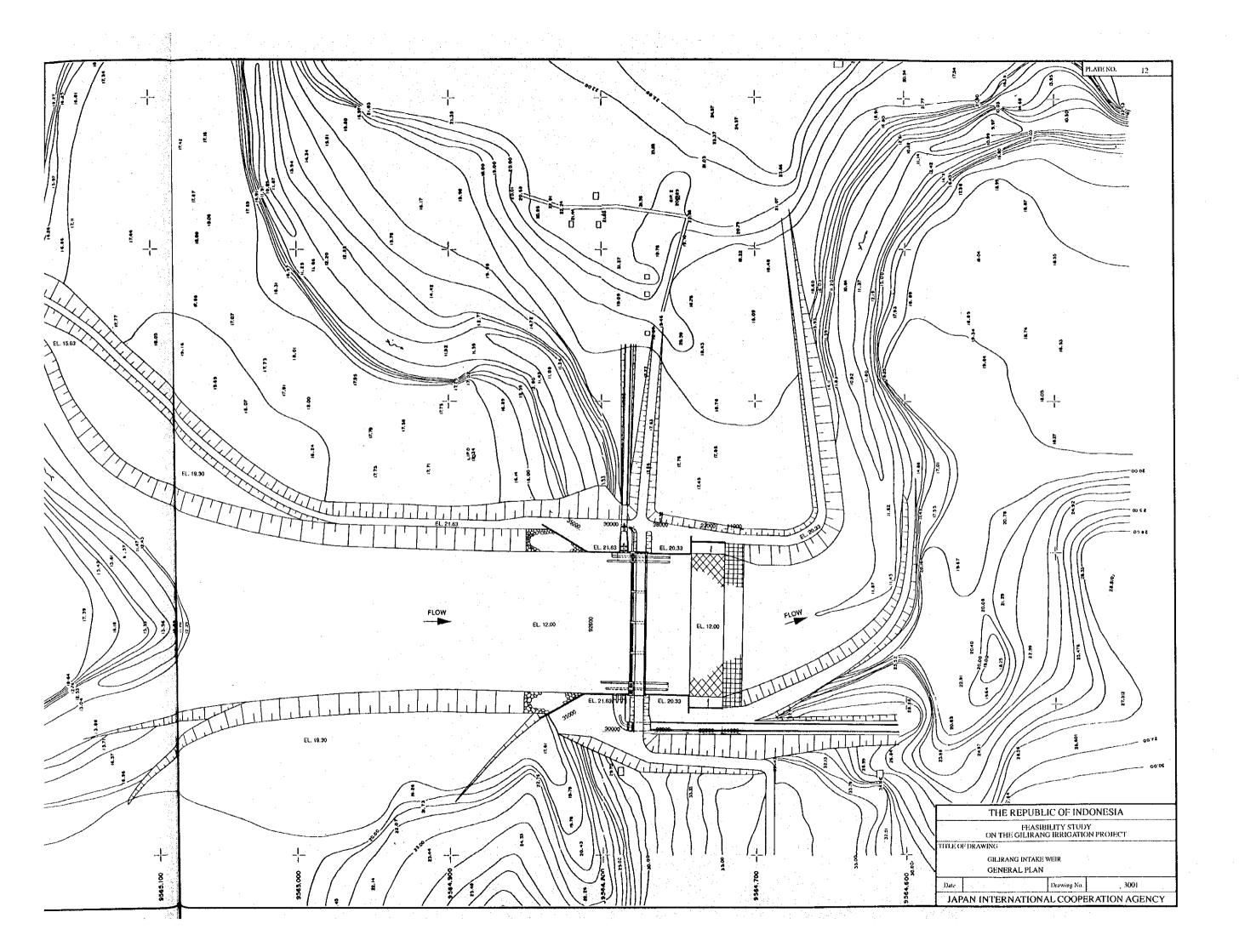


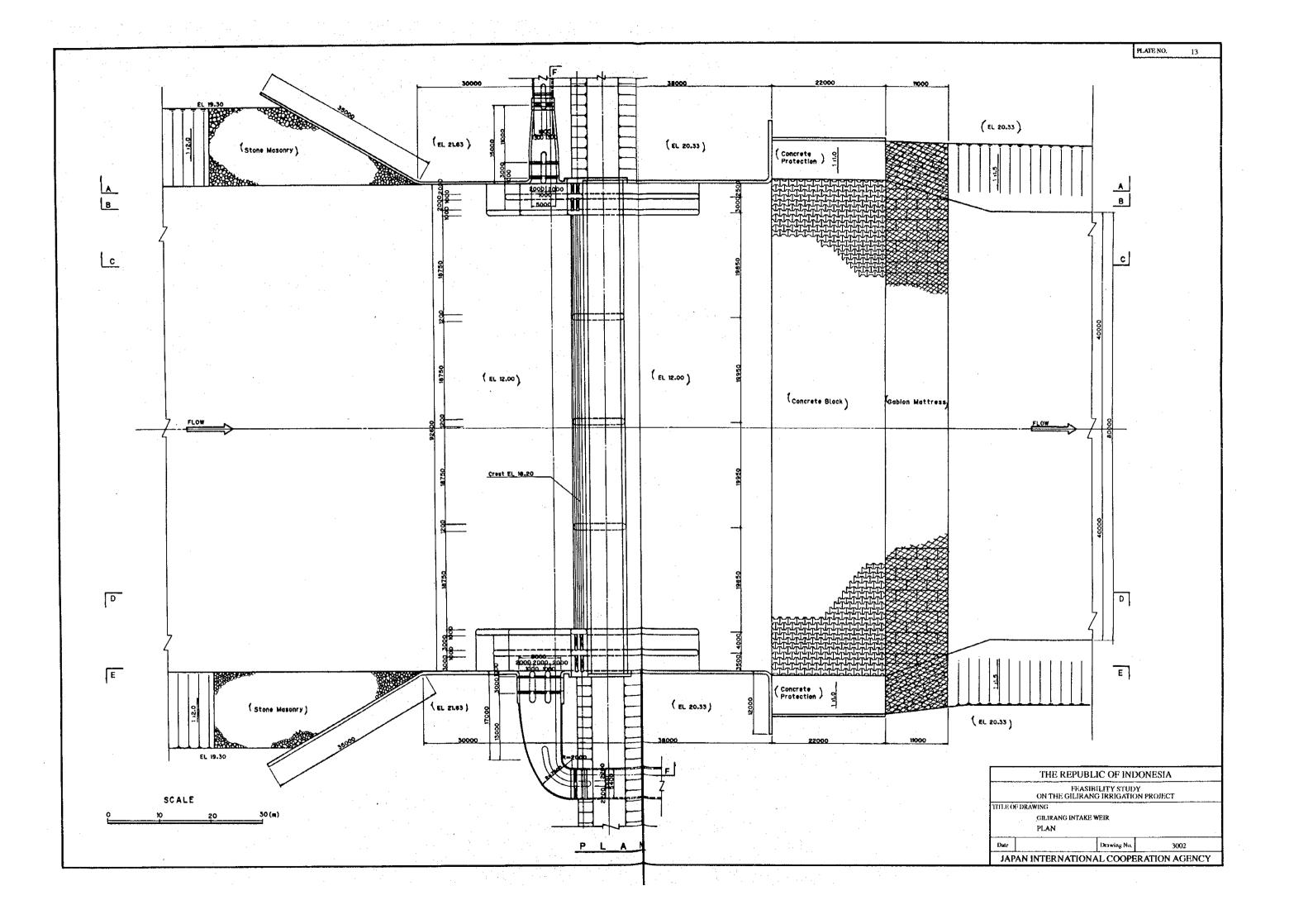


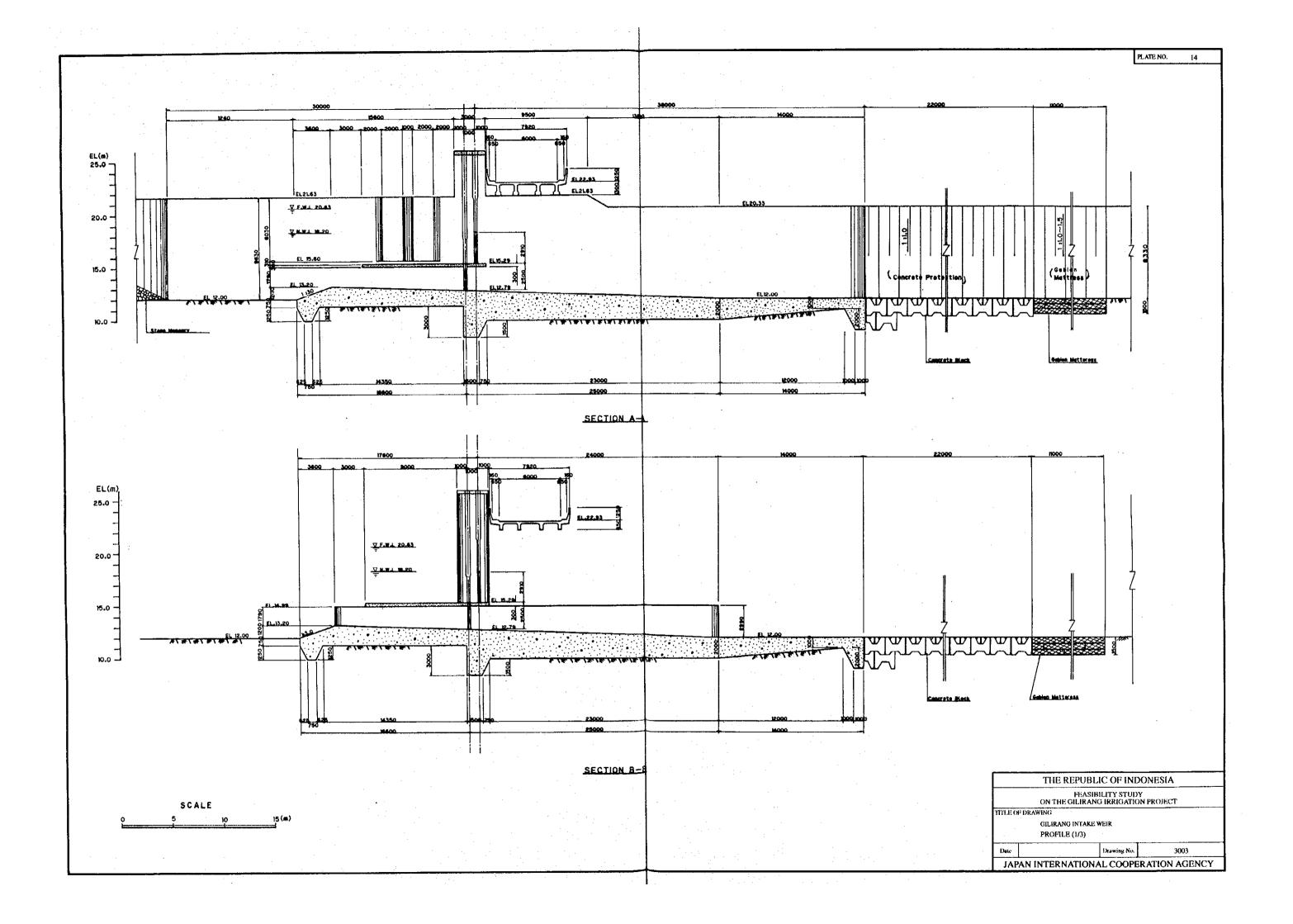


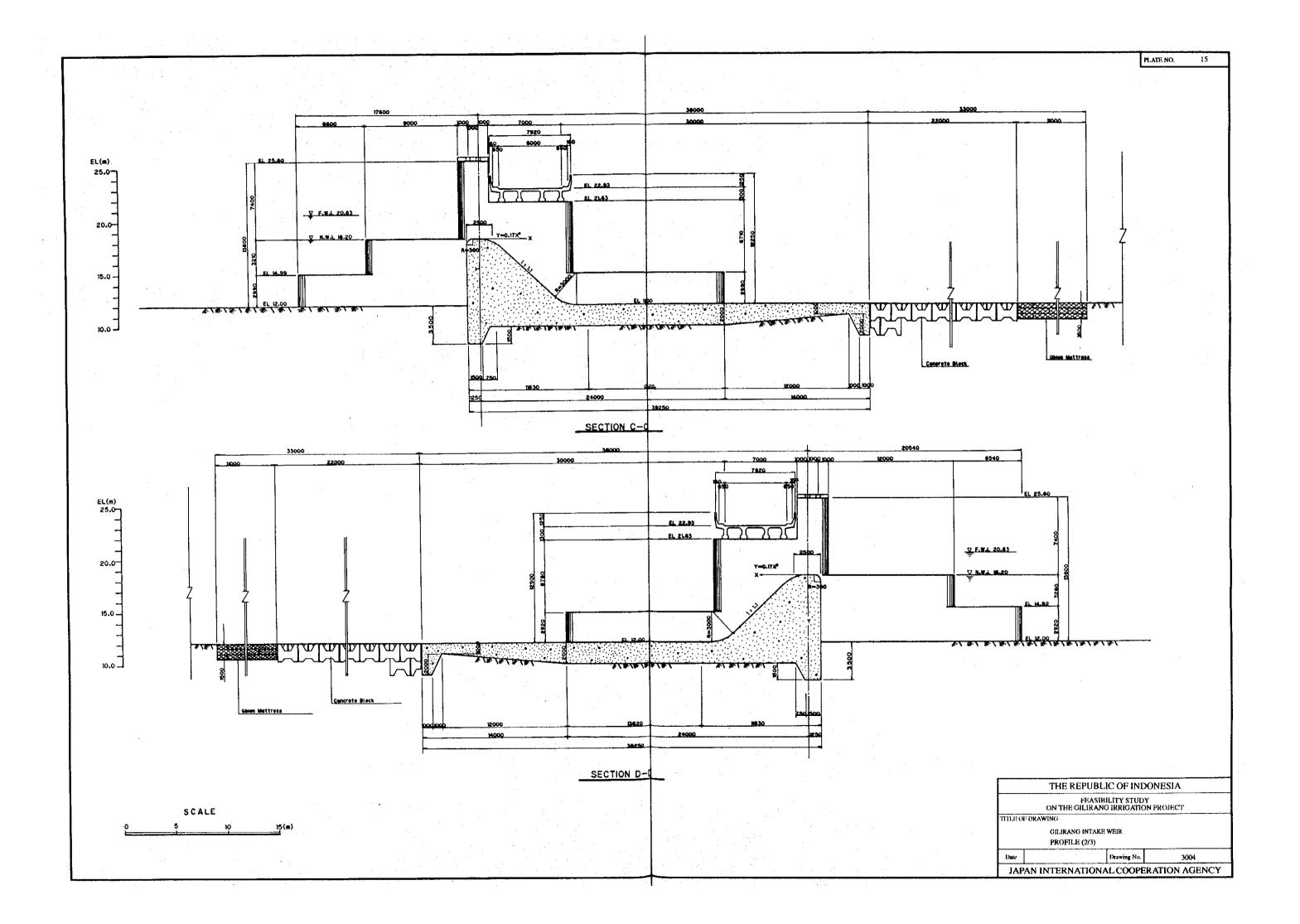


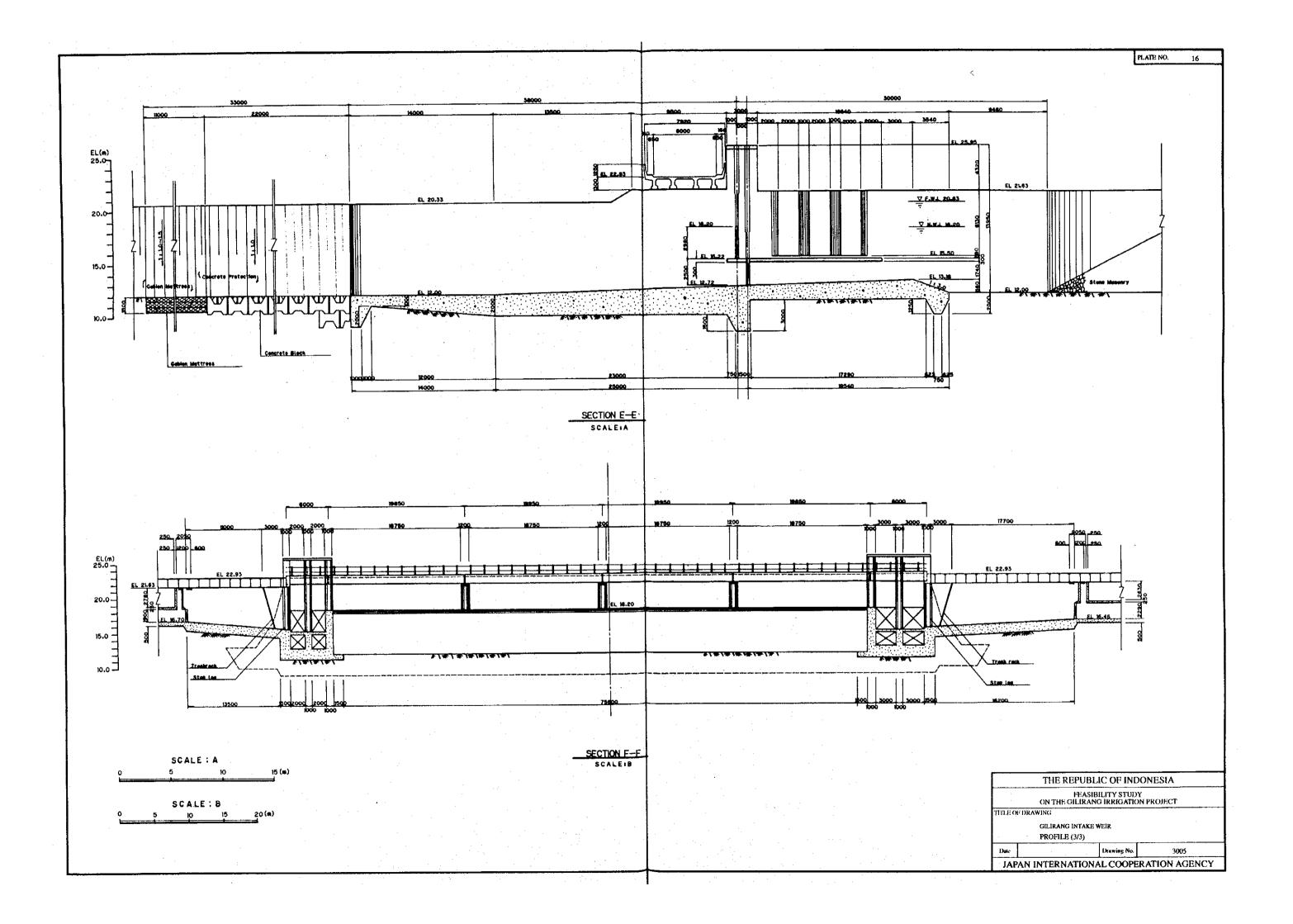


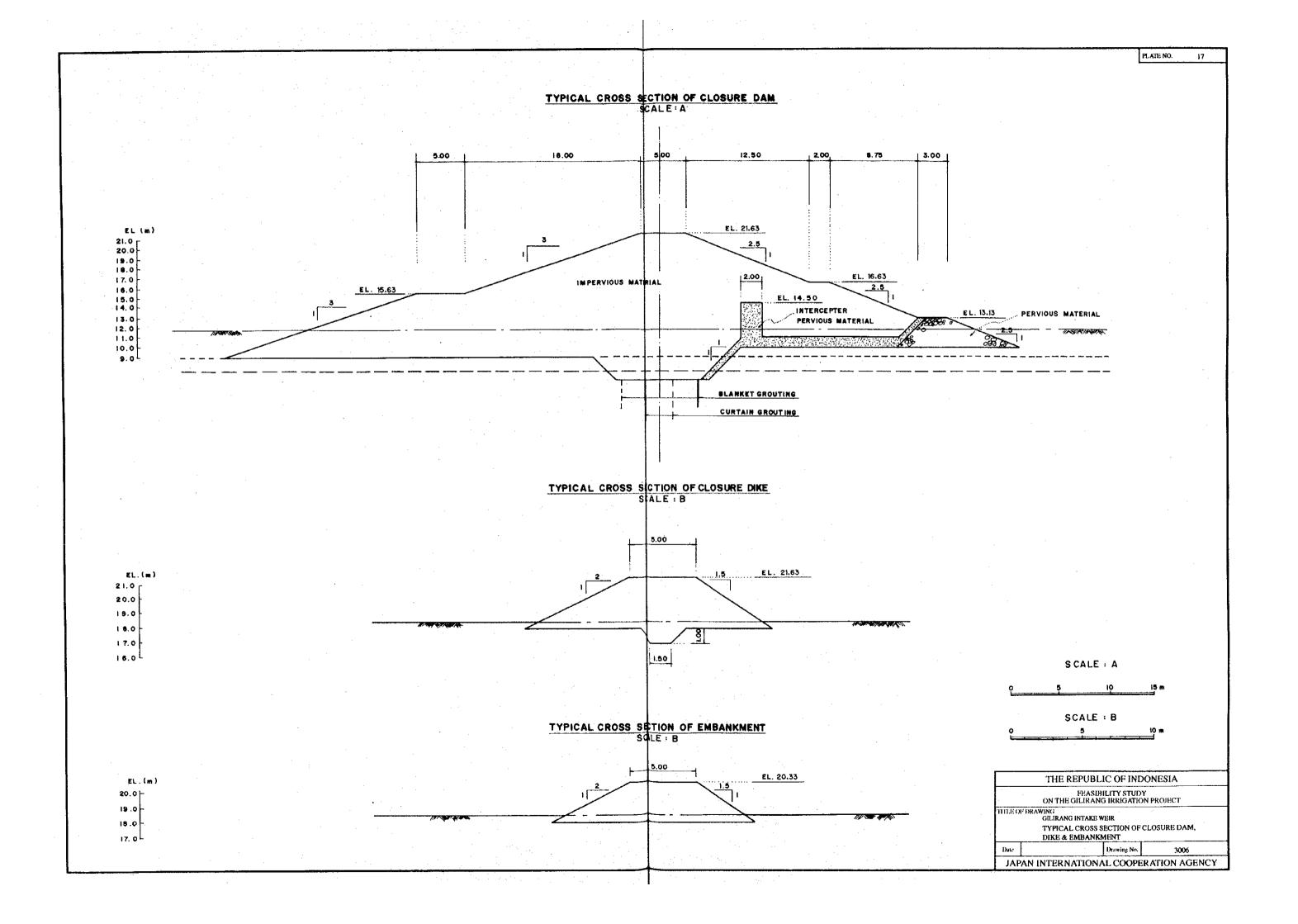


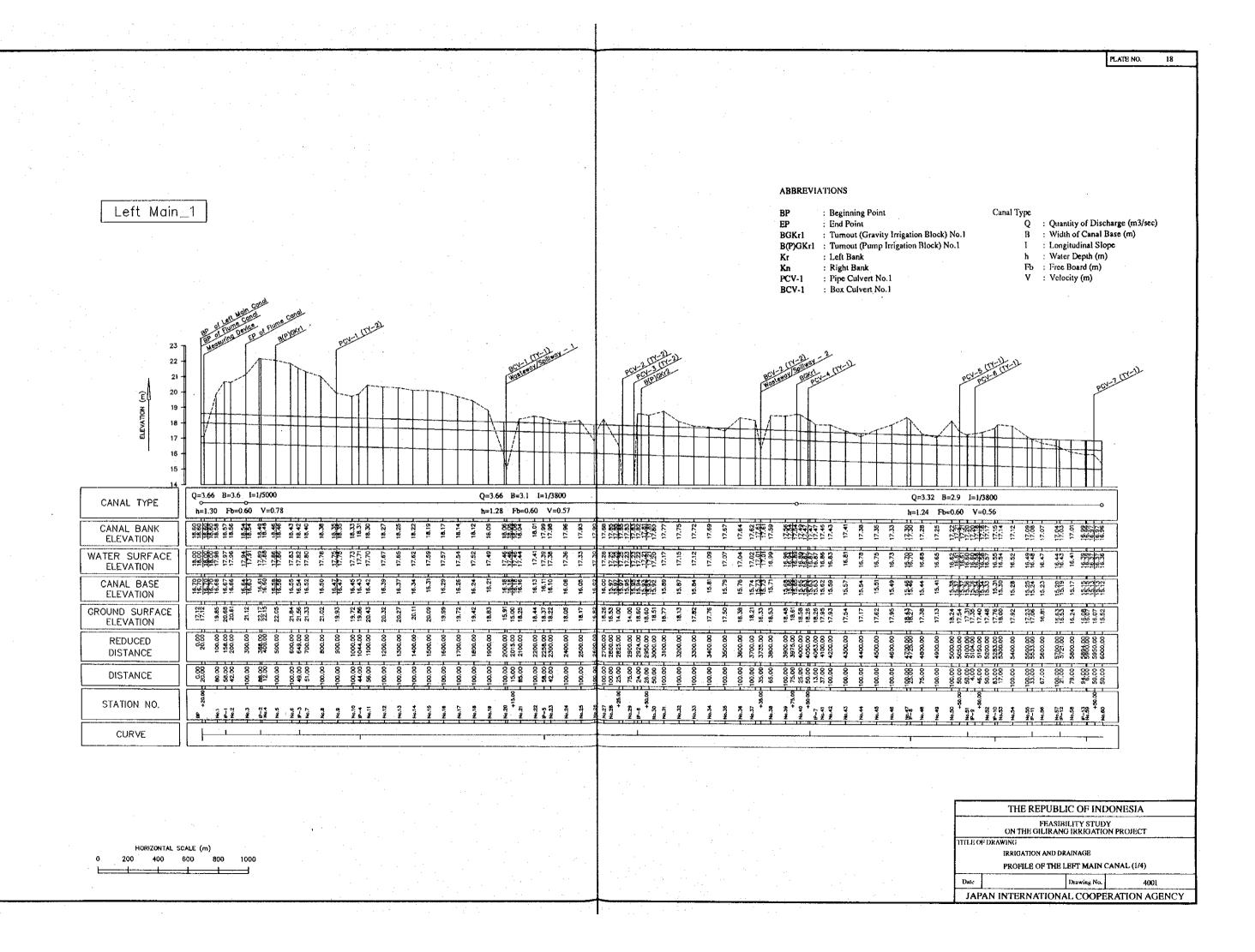


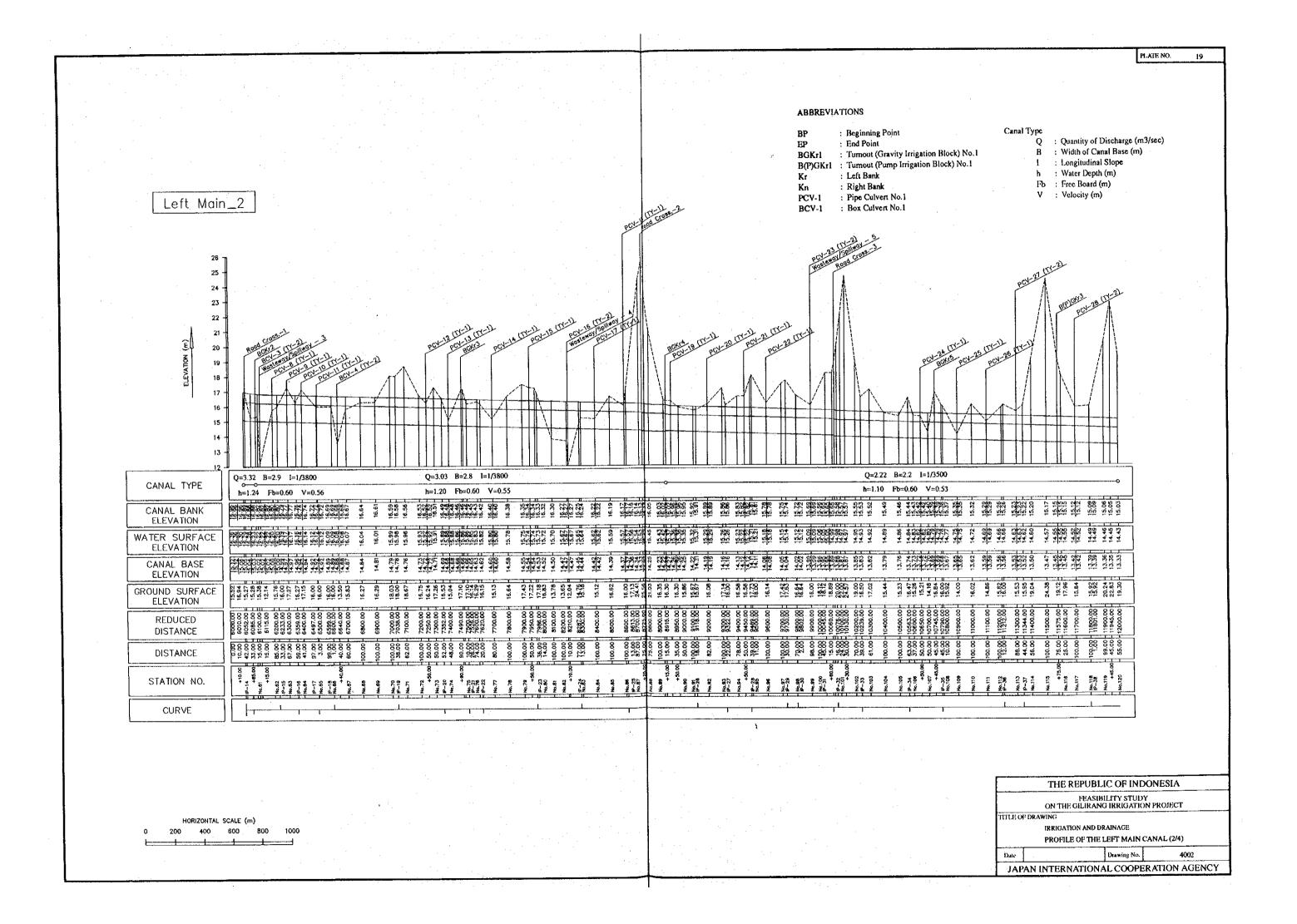


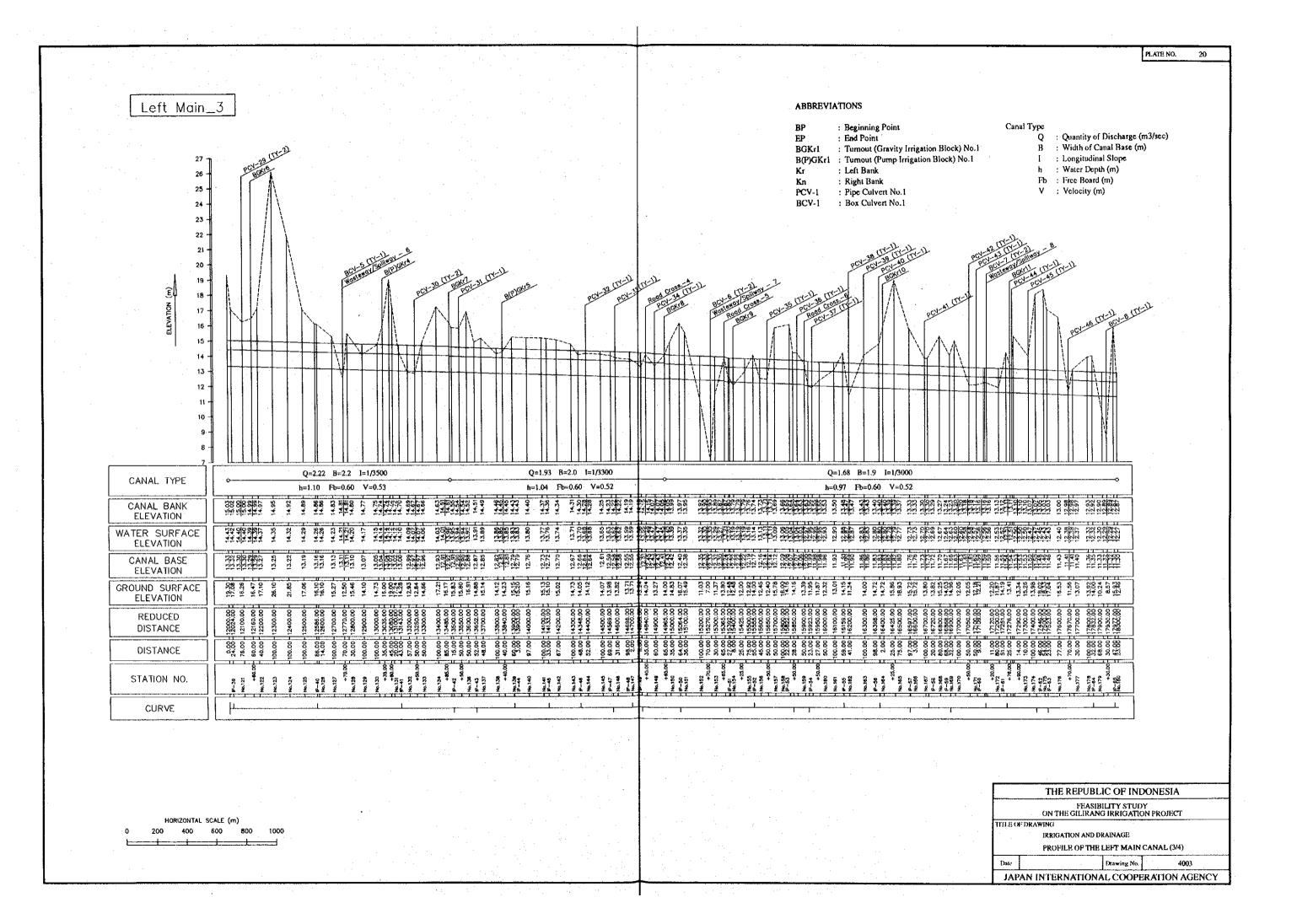


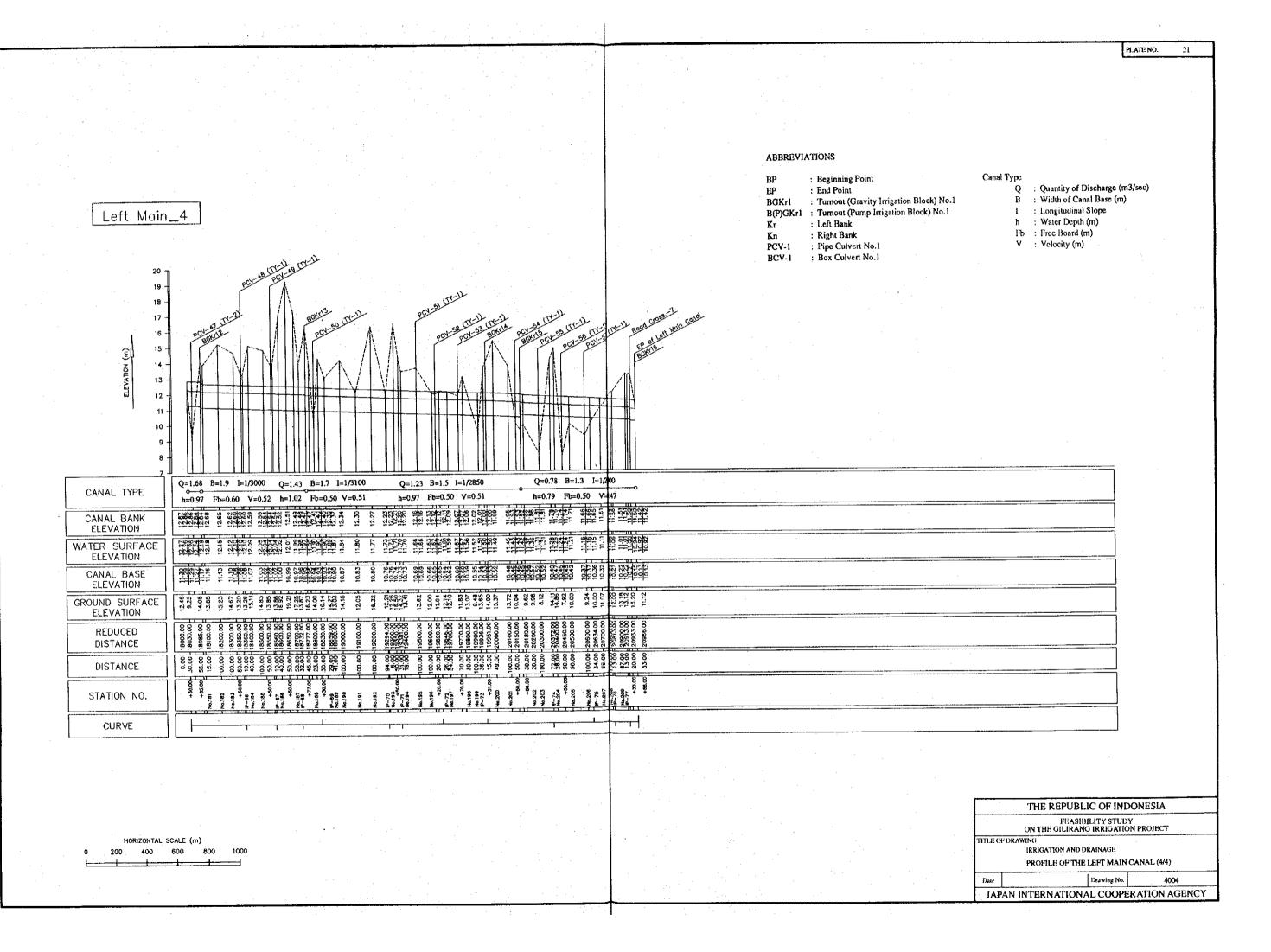


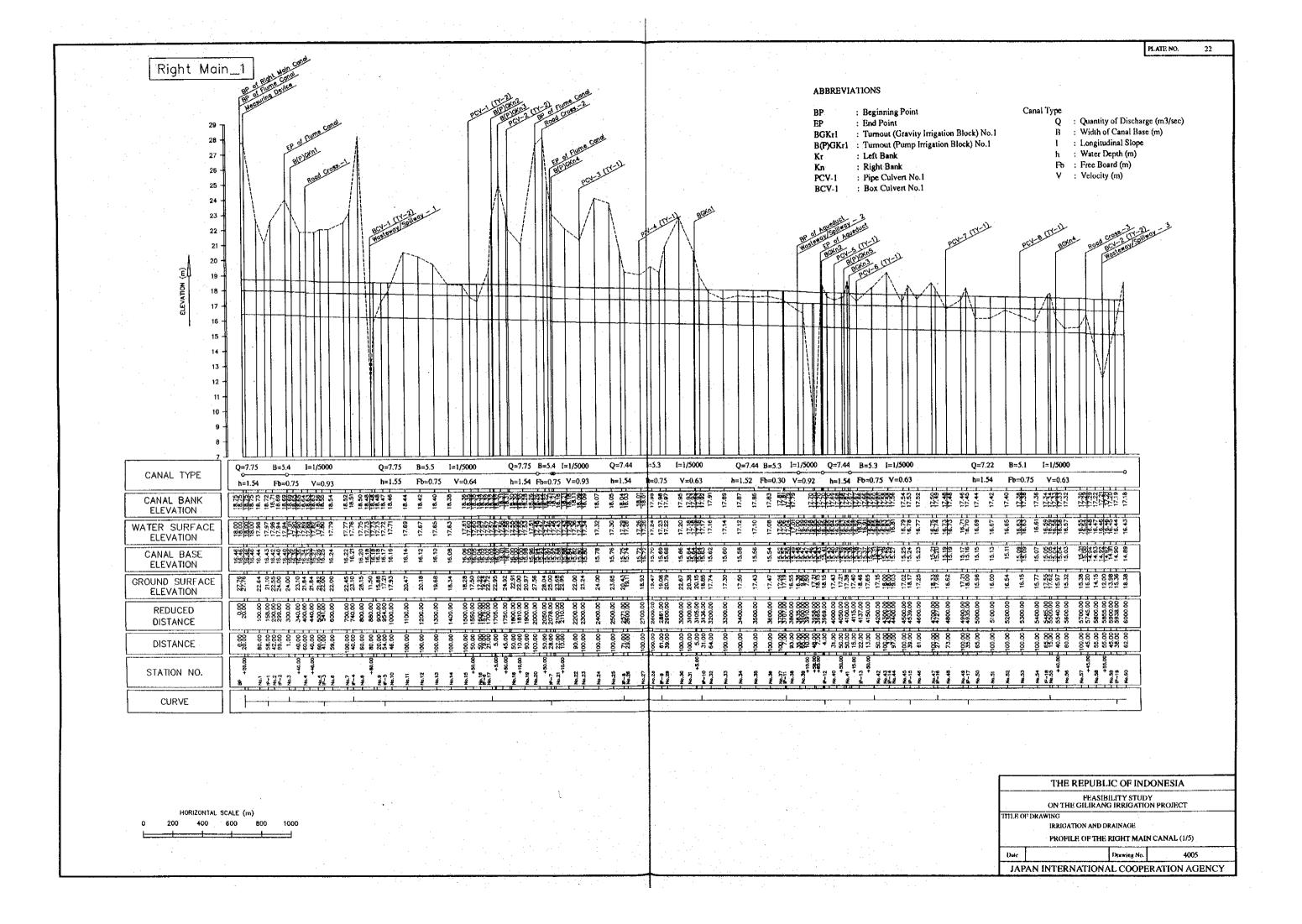


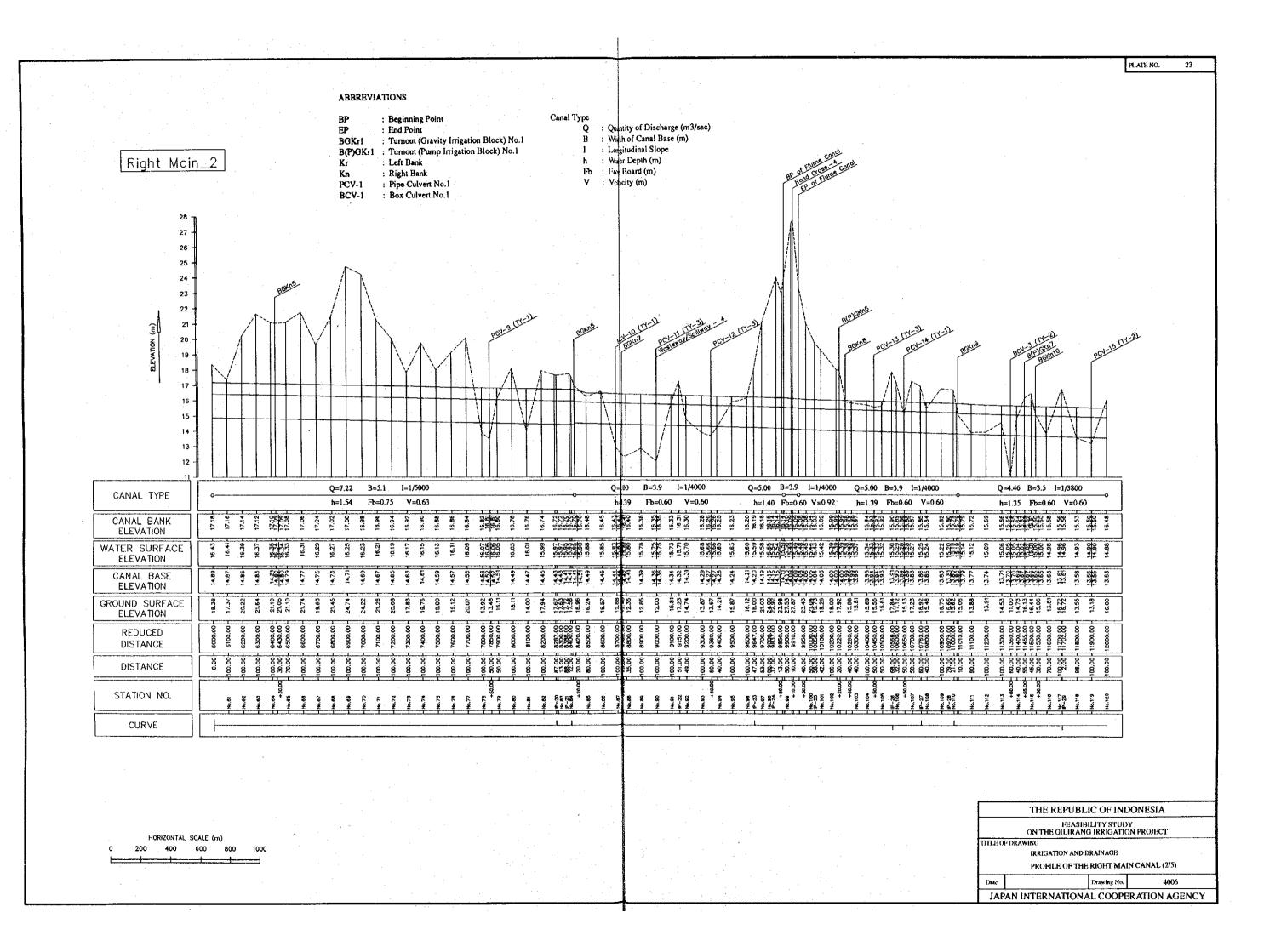


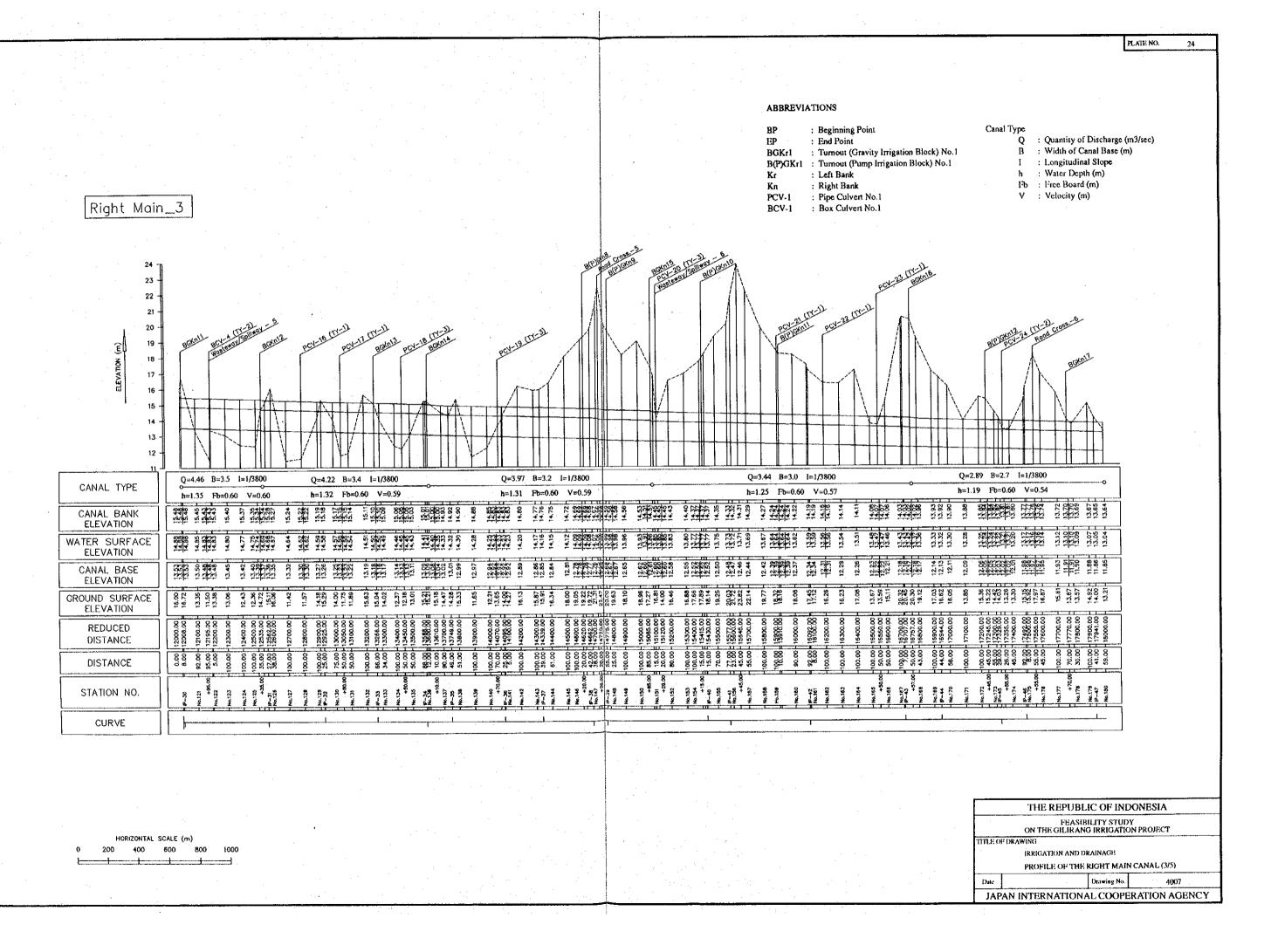












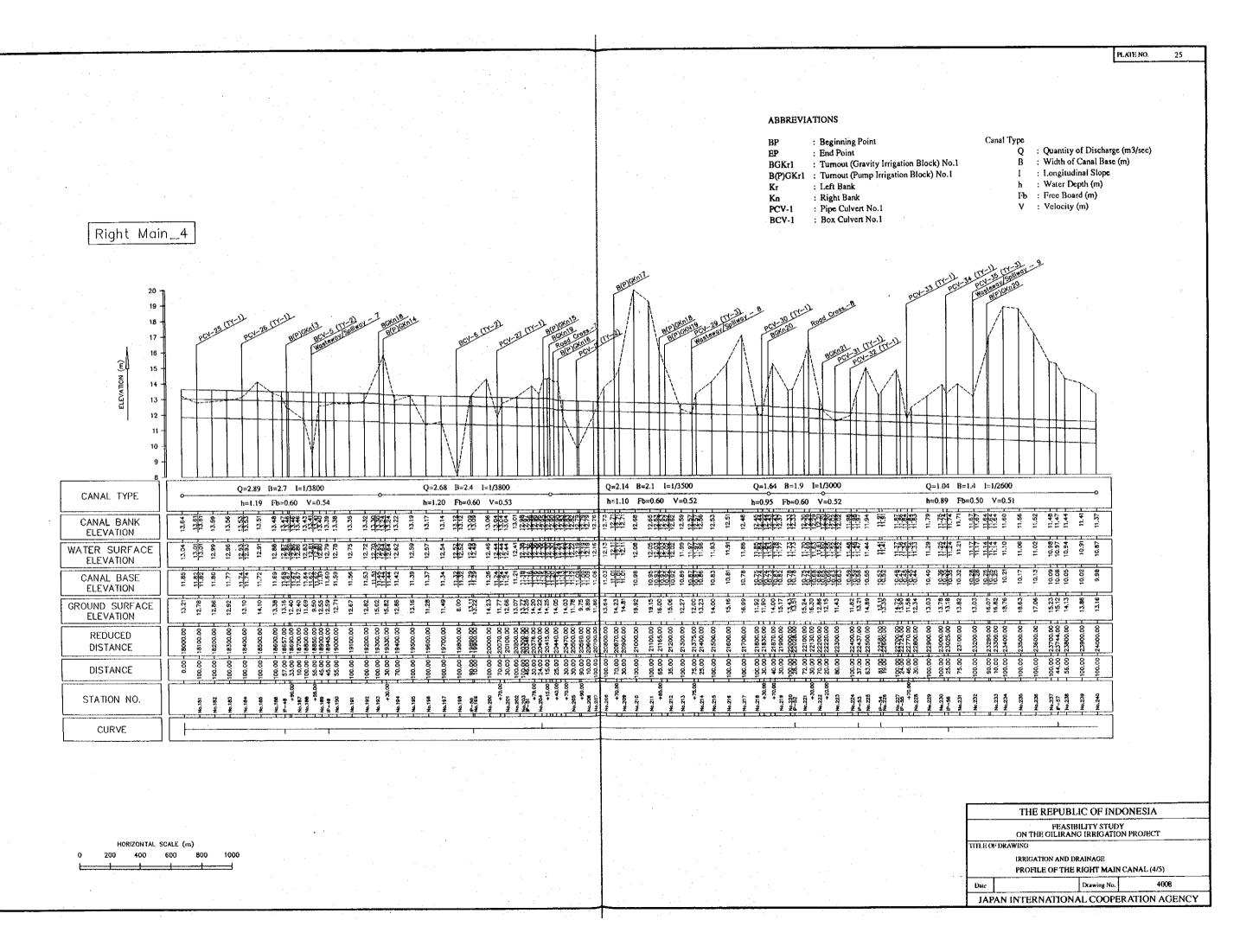


PLATE NO. 26

## ABBREVIATIONS

BP : Beginning Point Canal Type

EP : End Point Q : Quantity of Discharge (m3/sec)

BGKr1 : Turnout (Gravity Irrigation Block) No.1

B(P)GKr1 : Turnout (Pump Irrigation Block) No.1

Kr : Left Bank Bank

Kn : Right Bank

PCV-1 : Pipe Culvert No.1

Canal Type

Q : Quantity of Discharge (m3/sec)

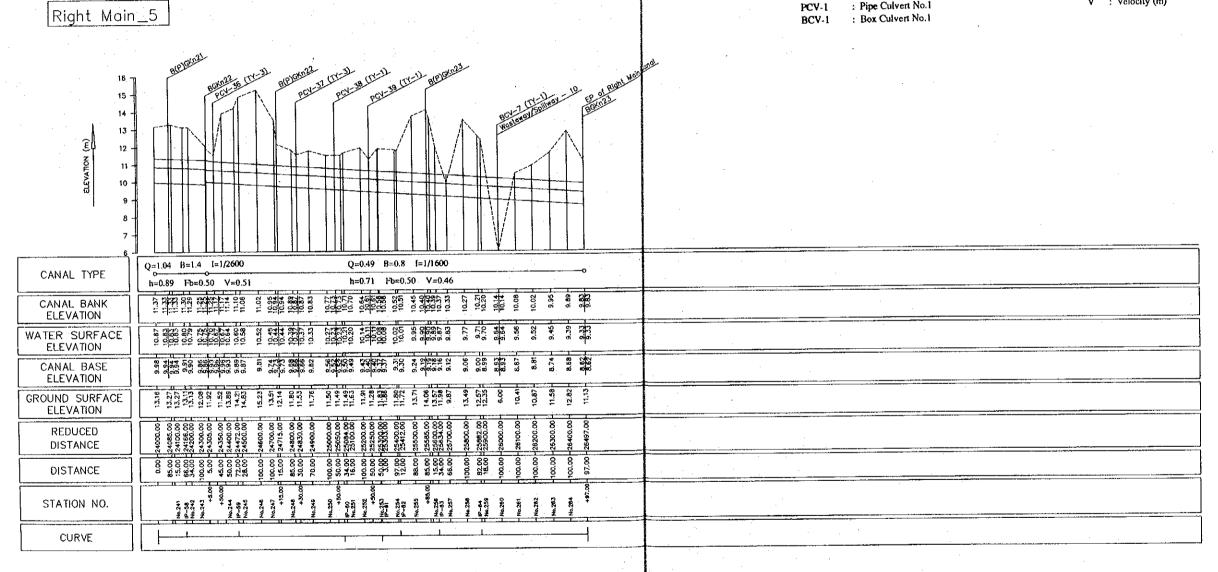
B : Width of Canal Base (m)

I : Longitudinal Slope

h : Water Depth (m)

Fb : Free Board (m)

V : Velocity (m)





HORIZONTAL SCALE (m)
0 200 400 600 800 100

