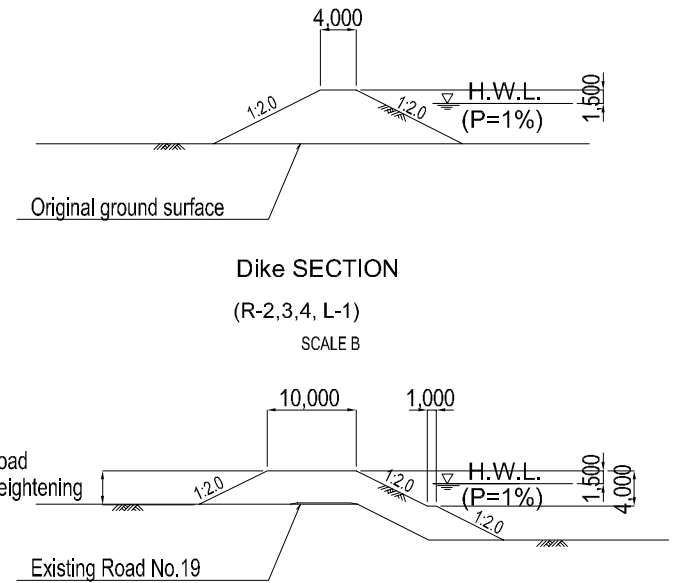
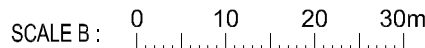


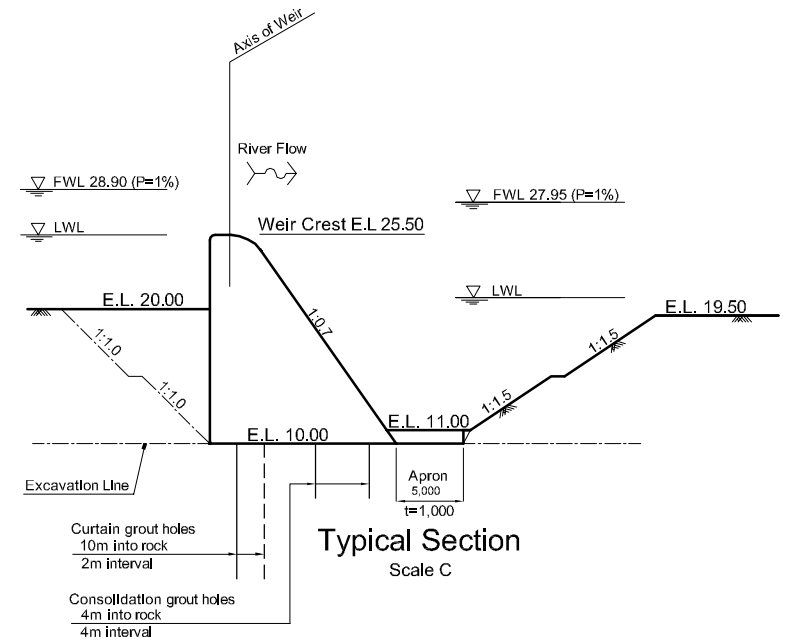
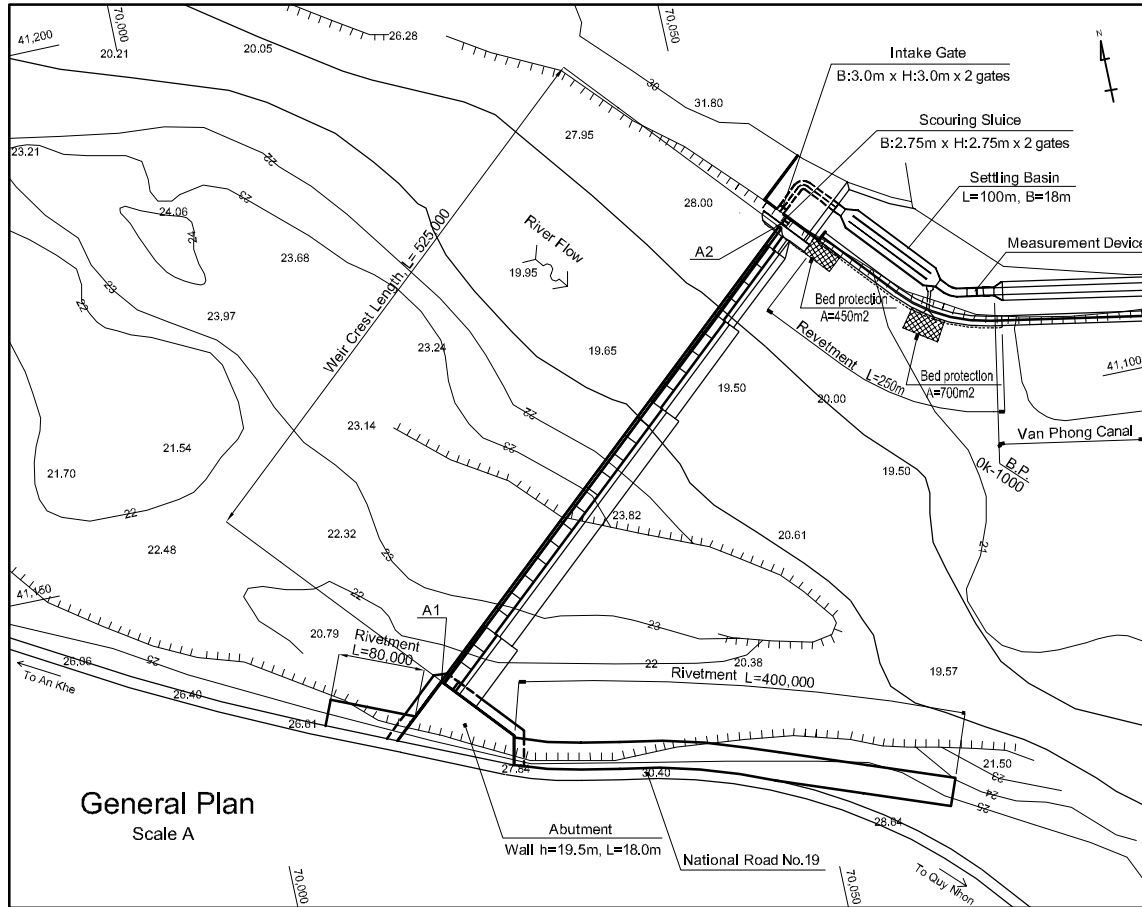
50k+000 in the above is measured distance from the sea.



TYPICAL SECTION

Section	from to	Length (m)	Dike Crest (ELm)	H.W.L (ELm)	Remarks
R-1	49k+700 to 51k+400	2,900	30.50 to 31.50	29.50 to 30.00	Road Heightening
R-2	51k+400 to 52k+900	3,300	31.50 to 31.92	30.00 to 30.40	
R-3	53k+000 to 55k+400	6,100	31.96 to 32.85	30.46 to 31.35	
R-4	56k+500 to 61k+500	5,500	33.41 to 35.19	31.91 to 33.69	
L-1	52k+000 to 57k+000	3,900	31.71 to 33.51	30.21 to 32.01	

Figure 13.2
Van Phong Weir Site and Flood Dike



No.	X	Y
A1	41,134.93	70,017.38
A2	41,169.96	70,056.96

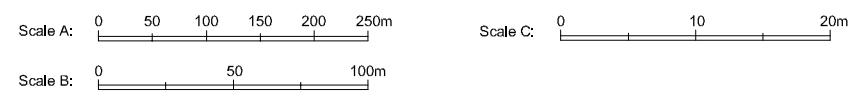
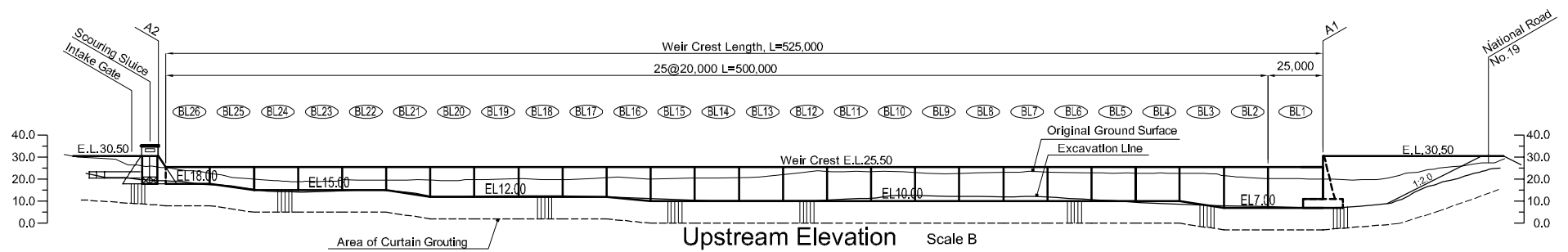


Figure 13.3
General Layout of Van Phong Weir

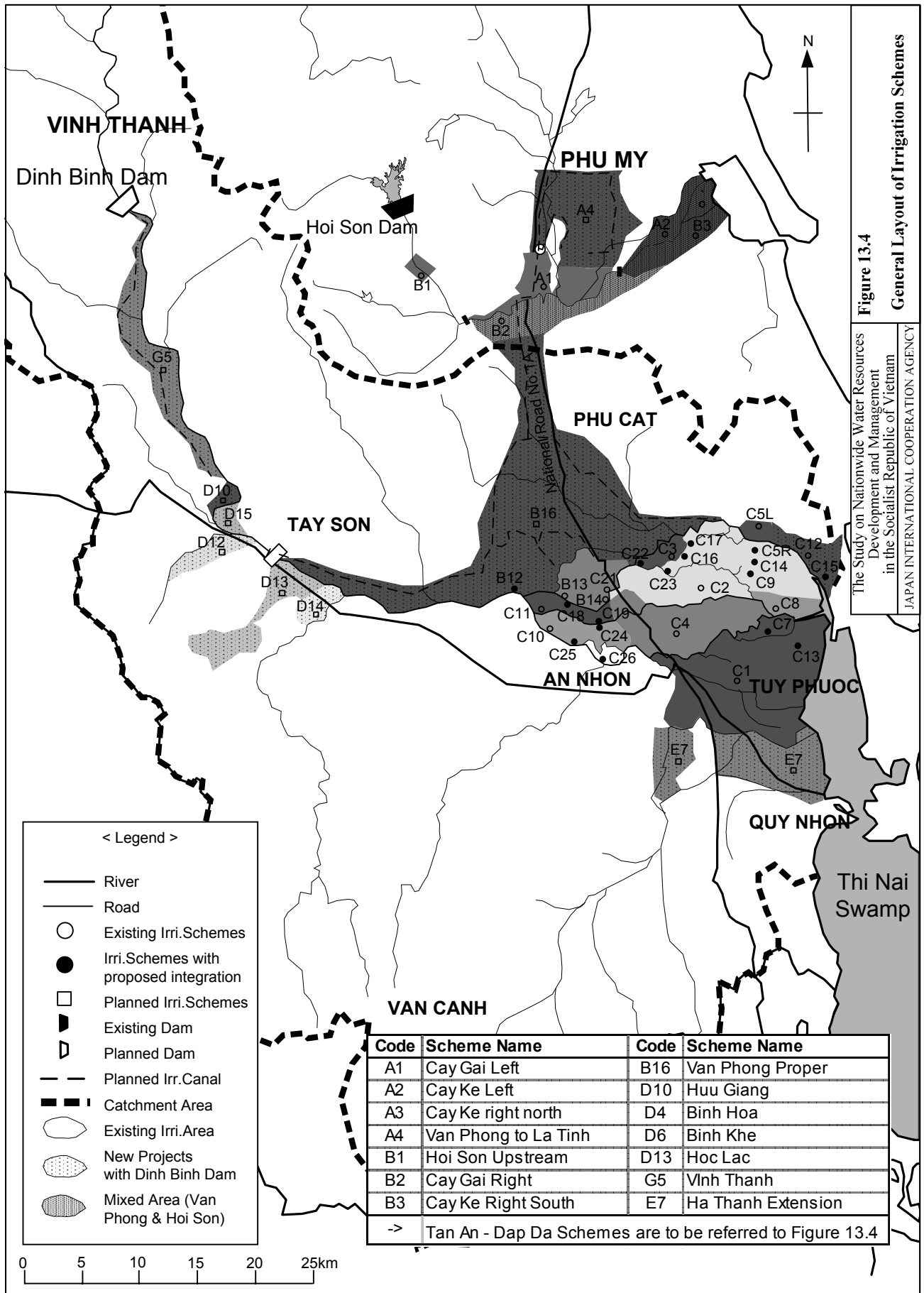
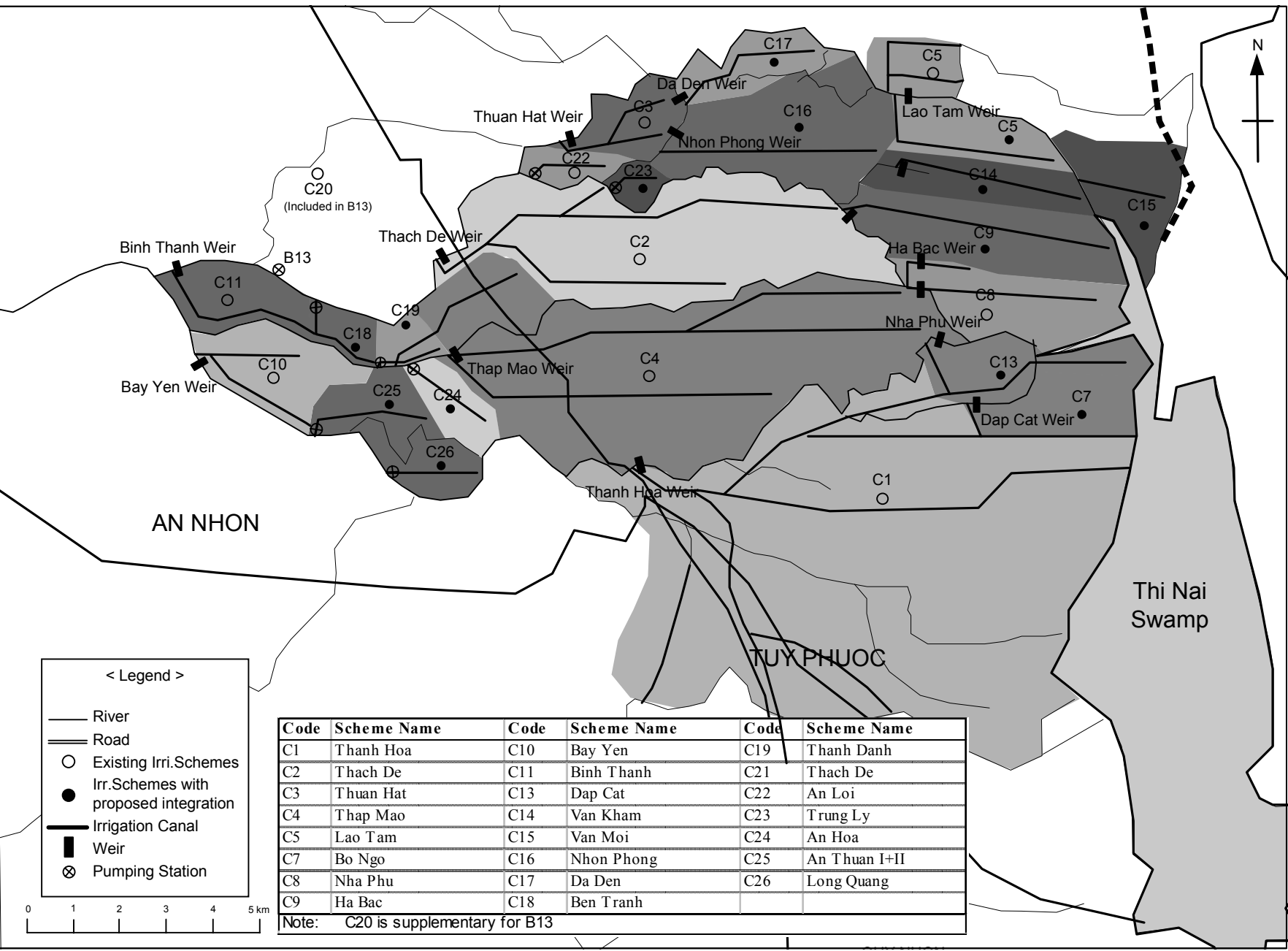
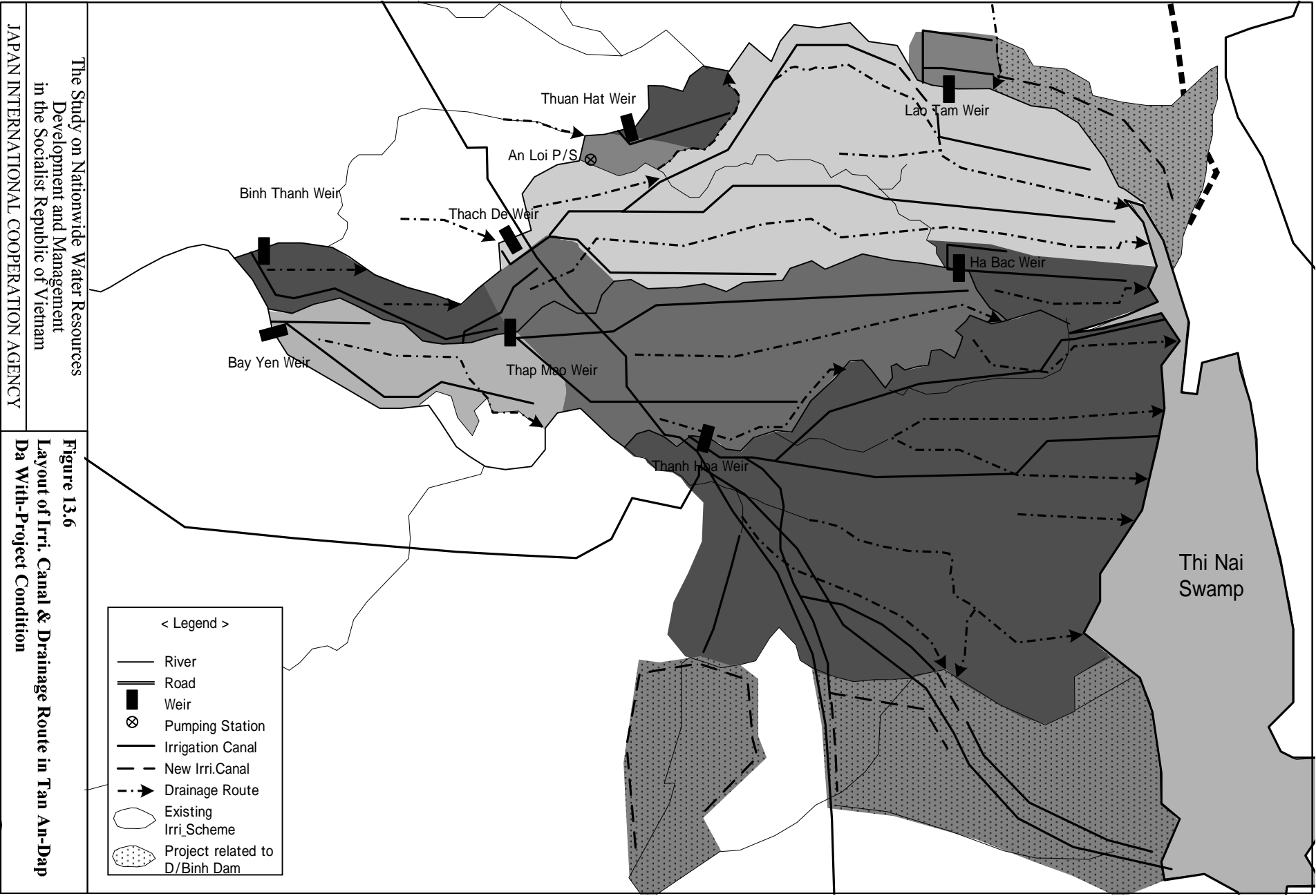


Figure 13.4
General Layout of Irrigation Schemes
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Code	Scheme Name	Code	Scheme Name	Code	Scheme Name
C1	Thanh Hoa	C10	Bay Yen	C19	Thanh Danh
C2	Thach De	C11	Binh Thanh	C21	Thach De
C3	Thuan Hat	C13	Dap Cat	C22	An Loi
C4	Thap Mao	C14	Van Kham	C23	Trung Ly
C5	Lao Tam	C15	Van Moi	C24	An Hoa
C7	Bo Ngo	C16	Nhon Phong	C25	An Thuan I+II
C8	Nha Phu	C17	Da Den	C26	Long Quang
C9	Ha Bac	C18	Ben Tranh		

Note: C20 is supplementary for B13



- < Legend >
- River
 - Road
 - Weir
 - ⊗ Pumping Station
 - Irrigation Canal
 - - - New Irri.Canal
 - - -> Drainage Route
 - Existing Irri.Scheme
 - ◐ Project related to D/Binh Dam

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Figure 13.6
 Layout of Irri. Canal & Drainage Route in Tan An-Dap
 Da With-Project Condition

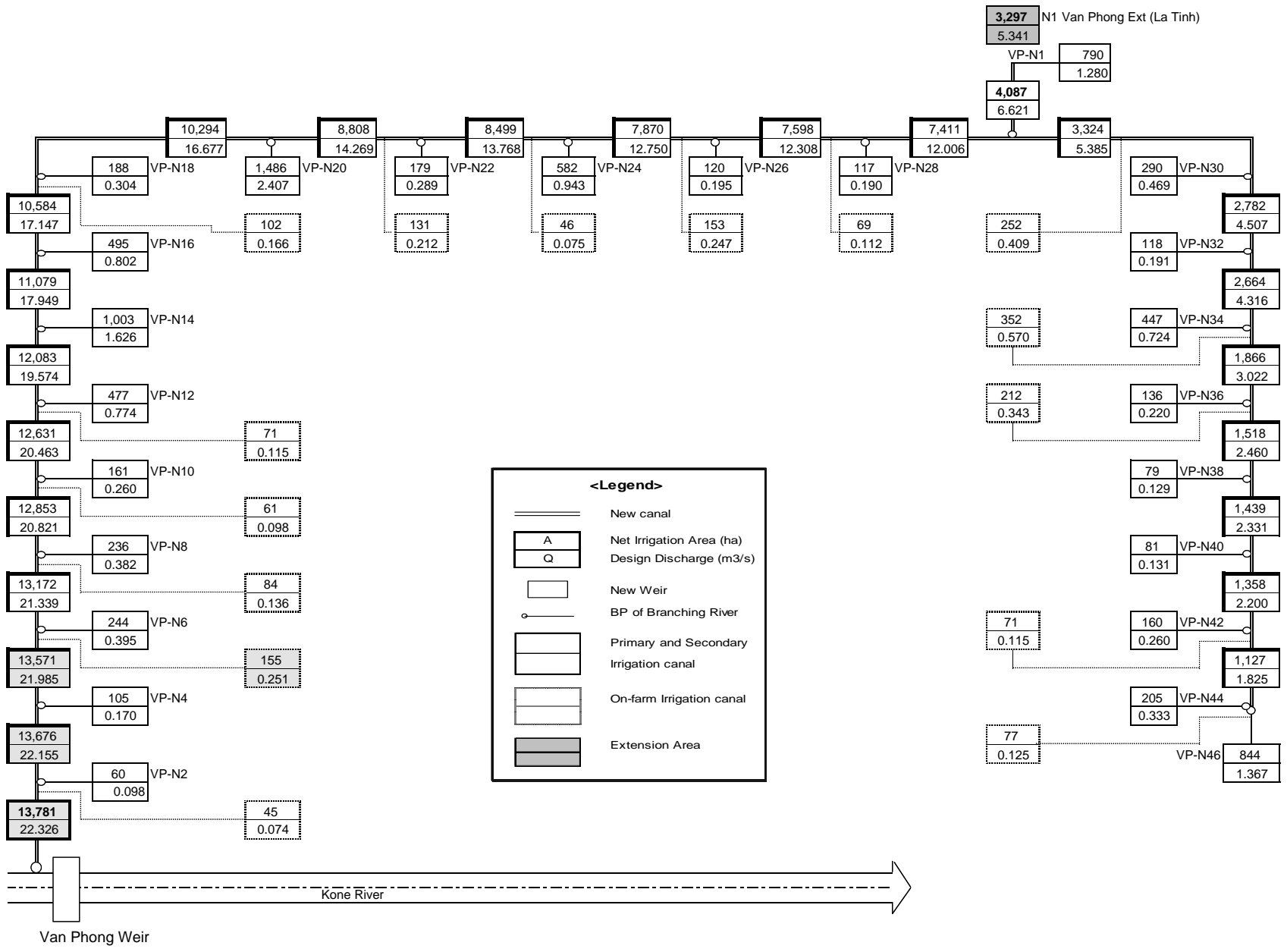


Figure 13.7 (1/6)
 Irrigation Diagram of Van Phong Proper Area

Figure 13.7 (2/6)
Irrigation Diagram of La Tinh Area

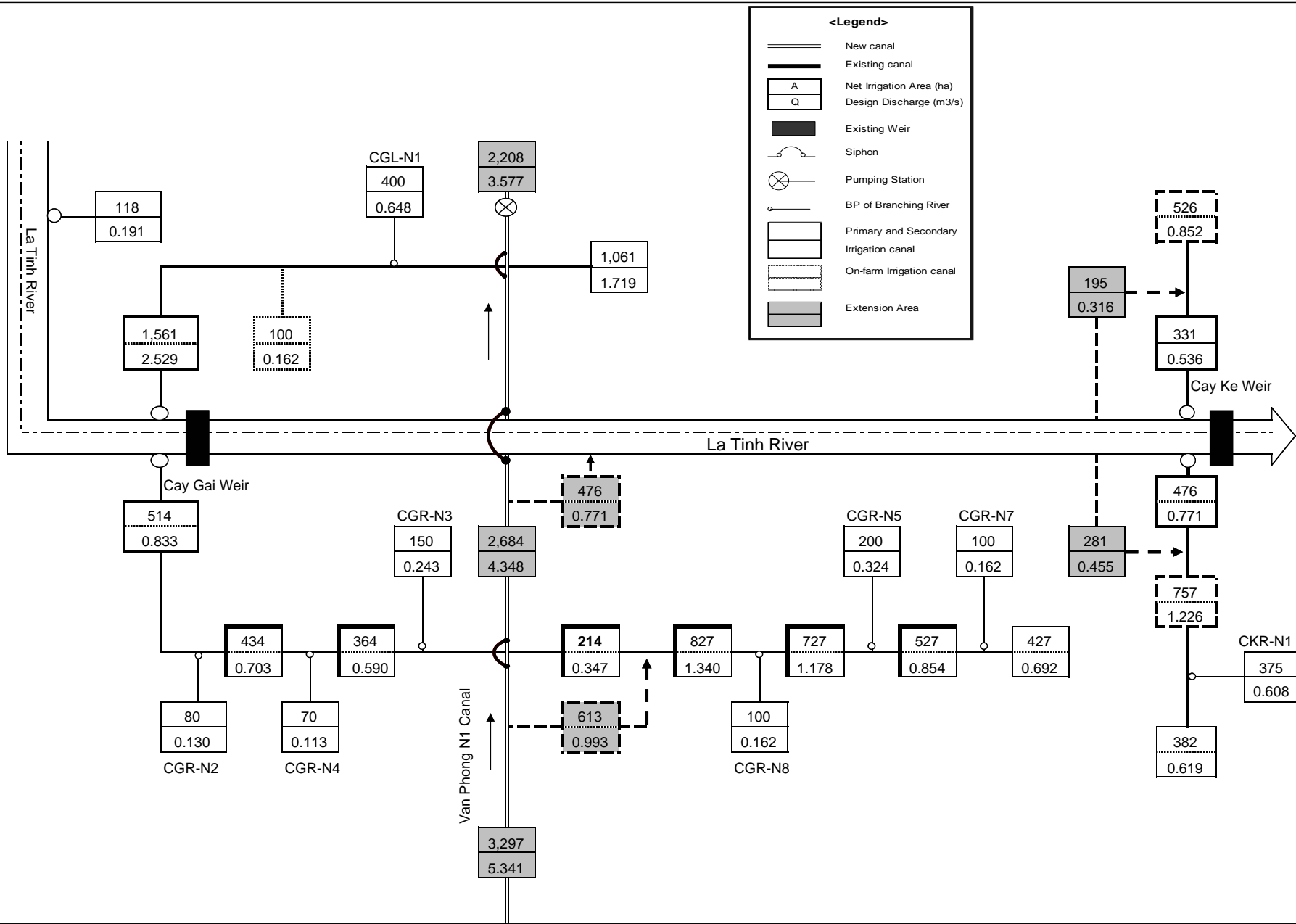
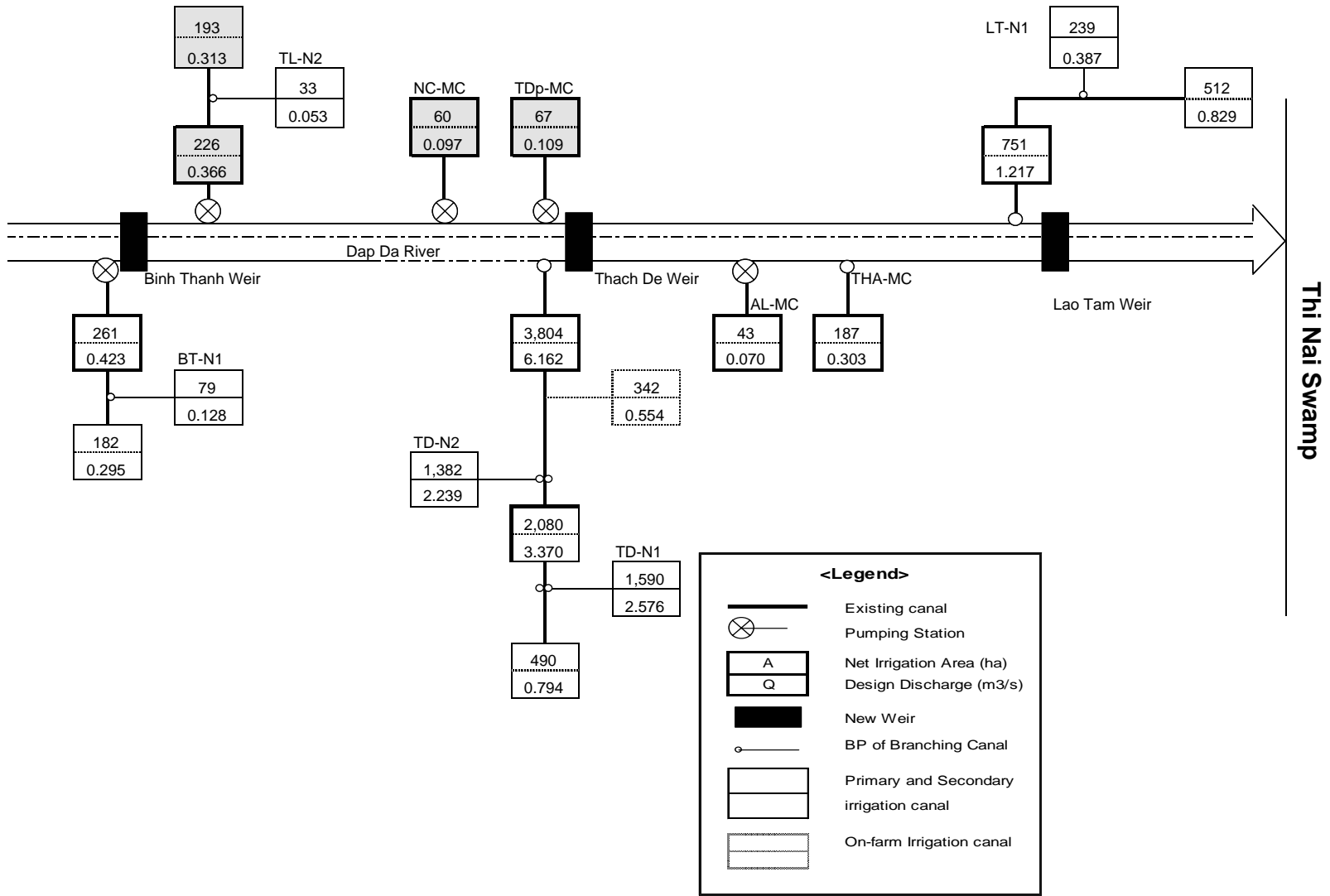
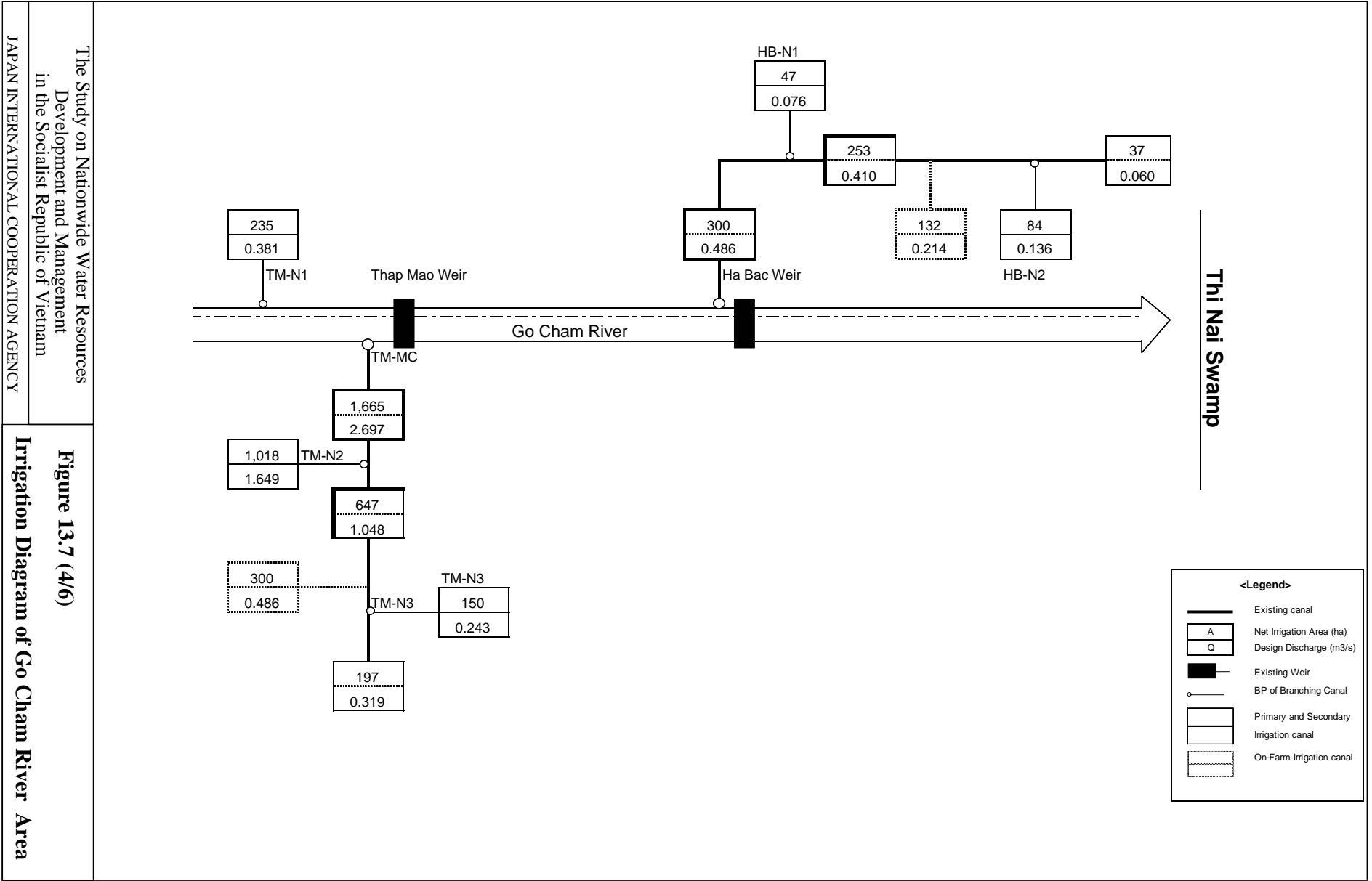
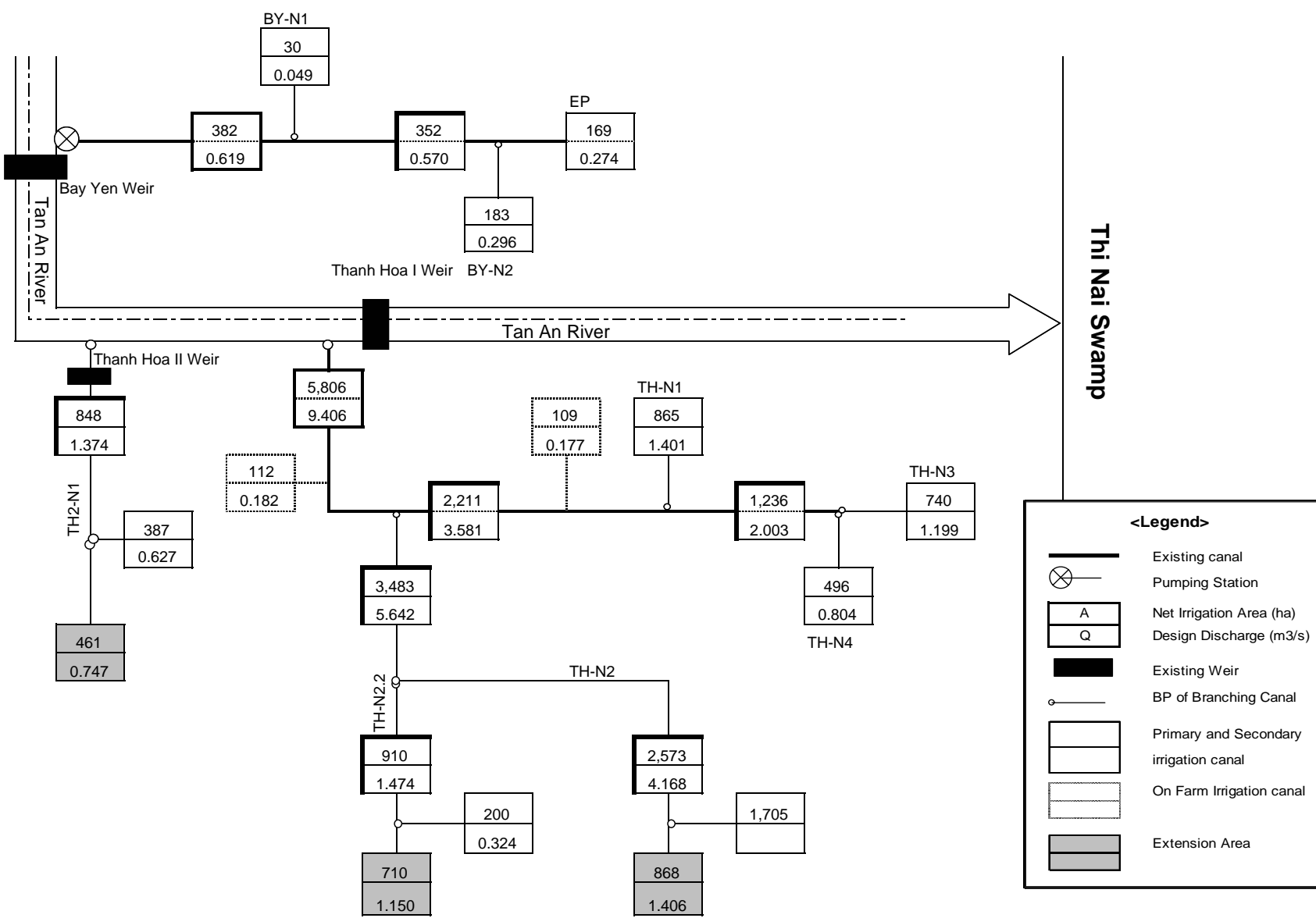


Figure 13.7 (3/6)
Irrigation Diagram of Dap Da River Area







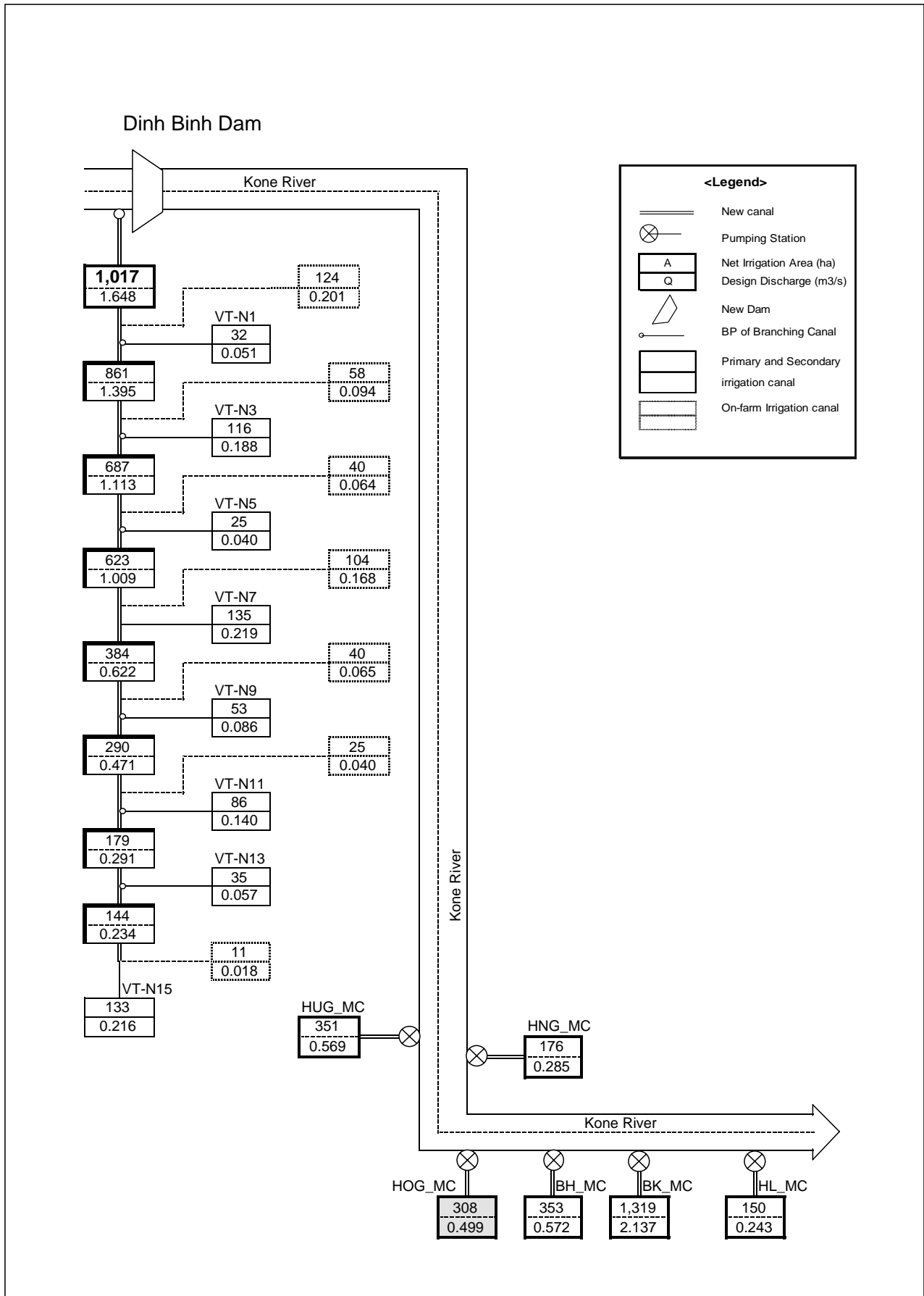
<Legend>

- Existing canal
- Pumping Station
- | |
|---|
| A |
| Q |

 Net Irrigation Area (ha)
Design Discharge (m³/s)
- Existing Weir
- BP of Branching Canal
- | |
|--|
| |
| |

 Primary and Secondary irrigation canal
- | |
|--|
| |
| |

 On Farm Irrigation canal
- Extension Area

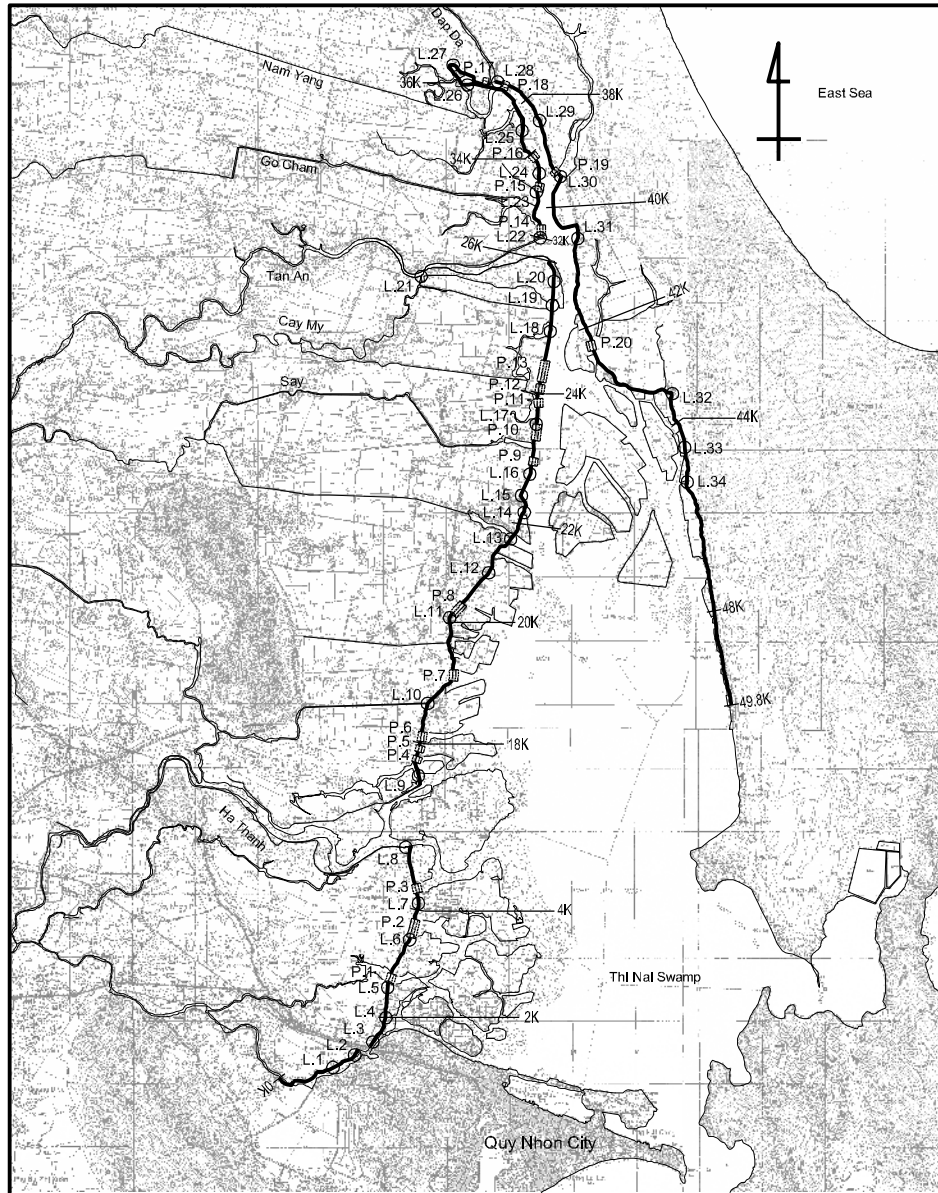


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Figure 13.7 (6/6)

Irrigation Diagram of Vinh Thanh Area



Sluice L

No.	Name	Location (km)+(m)	Sill Elevation (m)	Crest Elevation (m)	No. of Gate	Width of Gate (m)	Width (m)	Remark
L1	Cay Me	0+993	-1.00	1.50	3	2.00	6.00	
L2	Yen	1+240	-0.90	1.50	1	1.00	1.00	
L3	Qui Nhon 1	1+455	-0.25	1.50	1	1.20	1.20	
L4	Qui Nhon 2	1+985	0.00	1.50	2	1.20	2.40	
L5	Qui Nhon 3	2+506	0.45	1.50	1	1.30	1.30	
L6	Qui Nhon 4	3+521	-1.35	1.50	2	2.00	4.00	
L7	Qui Nhon 5	4+171	-1.50	1.50	3	2.20	6.60	
L8	Qui Nhon 6	4+951	-1.50	1.50	3	2.20	6.60	
L9	Cao Dean	17+320	-1.20	1.50	2	2.20	4.40	
L10	Cong X	19+140	-1.30	1.50	2	2.07	4.14	
L11	Ong Ho	20+072	-1.20	1.50	3	2.00	6.00	
L12	Tan Lap	20+735	-1.70	1.50	2	2.07	4.14	
L13	Ong Ba	21+150	-1.10	1.50	3	2.20	6.60	
L14	Ong Chieu	22+235	-1.20	1.50	3	1.90	5.70	
L15	Vinh Quang 1	22+630	-0.95	1.50	2	0.75	1.50	
L16	Vinh Quang 2	22+715	-1.40	1.50	4	2.02	8.08	
L17	Cay Sen	23+345	-1.40	1.50	4	2.02	8.08	
L18	Dong Choi	25+010	-1.00	1.50	3	2.80	8.40	
L19	Kim Tri 1	25+400	-1.70	1.50	3	2.80	8.40	
L20	Kim Tri 2	25+650	-1.00	1.50	10	2.00	20.00	
L21	Ba Ua	28+354	-0.46	1.50	3	2.80	8.40	
L22	Tan Guan	32+000	-1.50	1.50	1	2.50	2.50	
L23	Ha Gach 1	33+100	-1.20	1.50	5	2.20	11.00	
L24	Ha Gach 2	33+770	-1.40	1.50	2	2.20	4.40	
L25	Dong Coi	34+850	-0.40	1.50	1	1.90	1.90	
L26	Lao Dong	34+950	-1.10	1.50	3	2.00	6.00	
L27	Kien Thiet	36+350	-1.00	1.50	3	2.20	6.60	
L28	Ban Le	37+195	-1.10	1.50	1	2.45	2.45	
L29	Kim Thuong	38+615	-0.50	1.50	3	2.00	6.00	
L30	Dap Moi	39+050	-1.25	1.50	8	2.00	16.00	
L31	My Trung	40+900	-1.00	1.50	3	2.00	6.00	
L32	Tan De	43+150	-0.85	1.50	1	1.50	1.50	
L33	Nhon Hoc	45+150	-1.00	1.50	3	2.00	6.00	
L34	Phung Ve	45+900	-1.00	1.50	3	2.00	6.00	
						Total	166.3	

Spillway P

No.	Name	Location (km)+(m)	Sill Elevation (m)	Crest Elevation (m)	Width (m)	Remark	
P1	Qui Nhon 1	2+501	0.50	1.50	52.0		
P2	Qui Nhon 2	2+535	0.50	1.50	131.0		
P3	Qui Nhon 3	4+241	0.50	1.50	80.0		
P4	Cao Dean 1	17+400	0.20	1.50	30.0		
P5	Cao Dean 2	17+865	0.60	1.50	60.0		
P6	Cao Dean 3	18+075	0.60	1.50	130.0		
P7	Cong X	19+170	0.40	1.50	78.0		
P8	Ong Ho	20+288	0.60	1.50	204.0		
P9	Vinh Quang 1	22+810	0.34	1.50	80.5		
P10	Vinh Quang 2	23+300	0.40	1.50	250.0		
P11	Cay Sen	23+504	0.50	1.50	121.0		
P12	Lac Thuong	23+950	0.30	1.50	86.4		
P13	Duong Thien	24+593	0.50	1.50	355.0		
P14	Tran Tan Guan	32+200	0.50	1.50	66.0		
P15	Ha Gach	33+540	0.50	1.50	80.0		
P16	Phuoc Thang	33+946	0.20	1.50	111.9		
P17	Ba Le	37+140	0.40	1.50	30.9		
P18	An Loi	37+402	0.50	1.50	104.0		
P19	Dap Moi	38+756	0.38	1.50	81.9		
P20	Ha Doi	43+041	0.37	1.50	60.9		
					Total	2248.9	

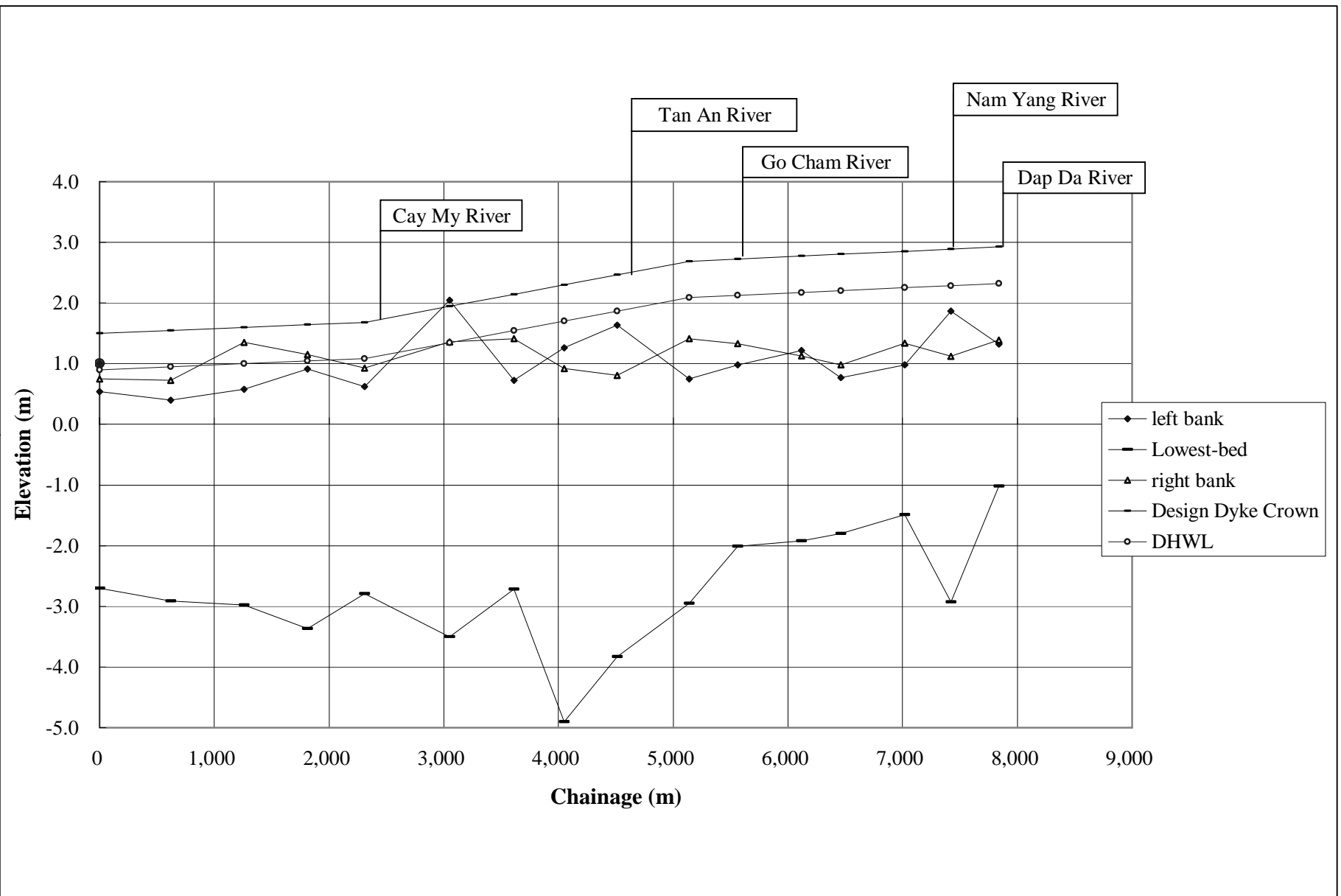
Sea Dike

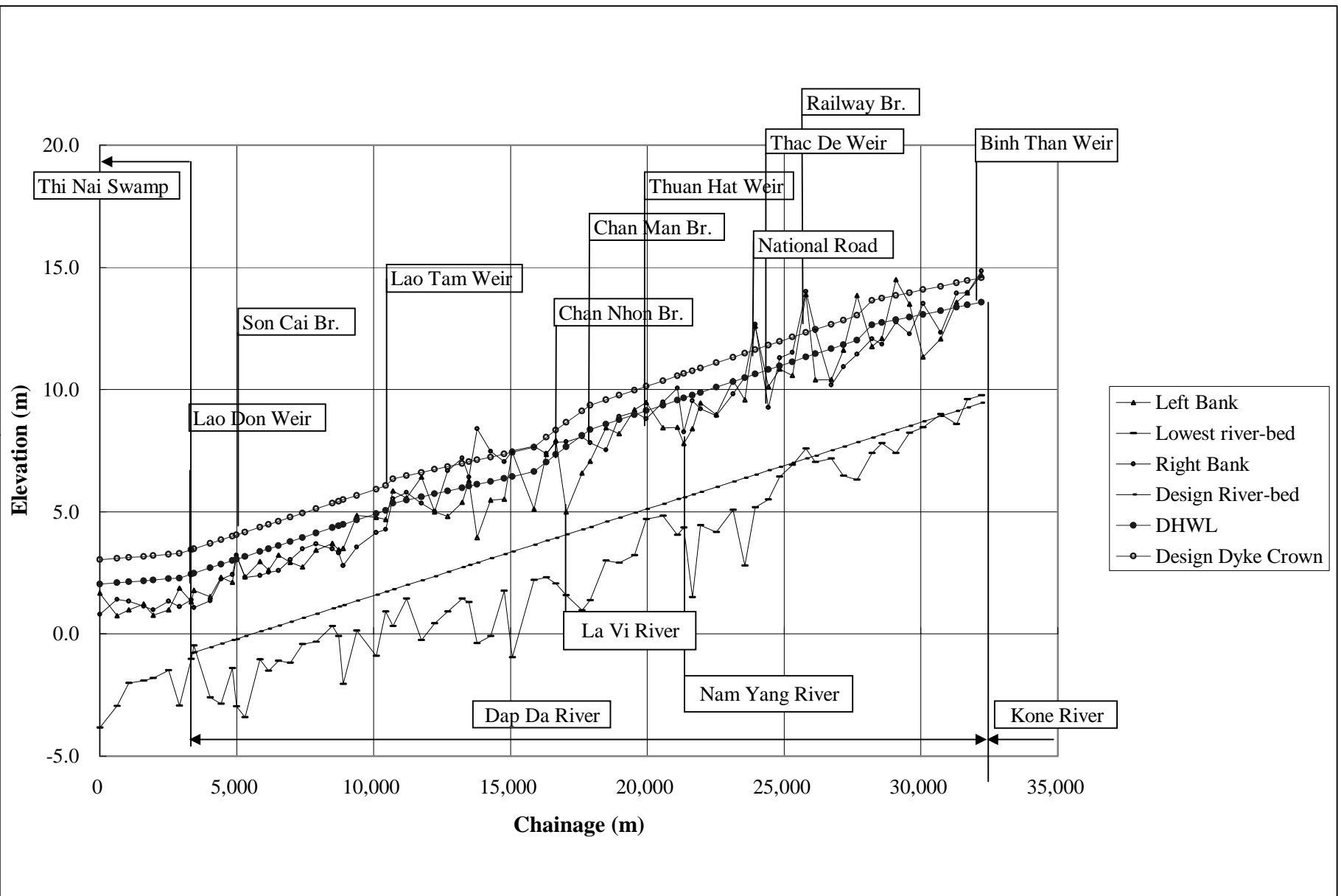
No.	Name	Location (km)+(m)	Crest Elevation (m)	Total Length (Km)	Remark
			1.50	(29.0) (1 Assumed)	

< Legend >

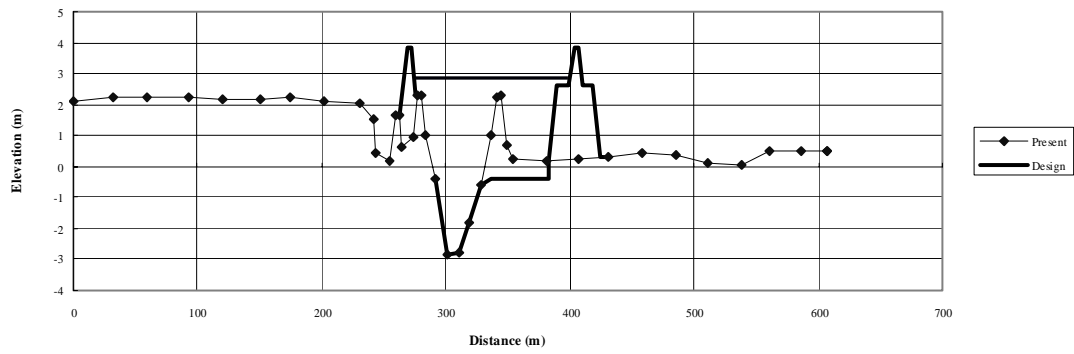
▣ : Spillway ○ : Sluice — : Sea Dike



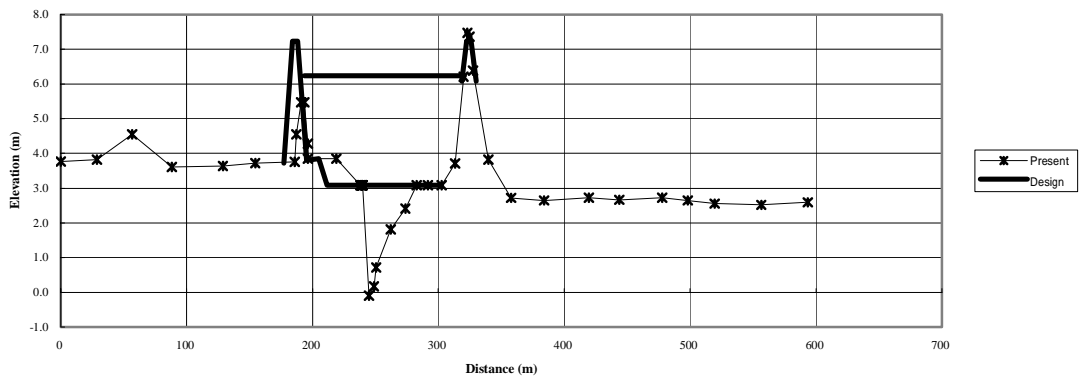




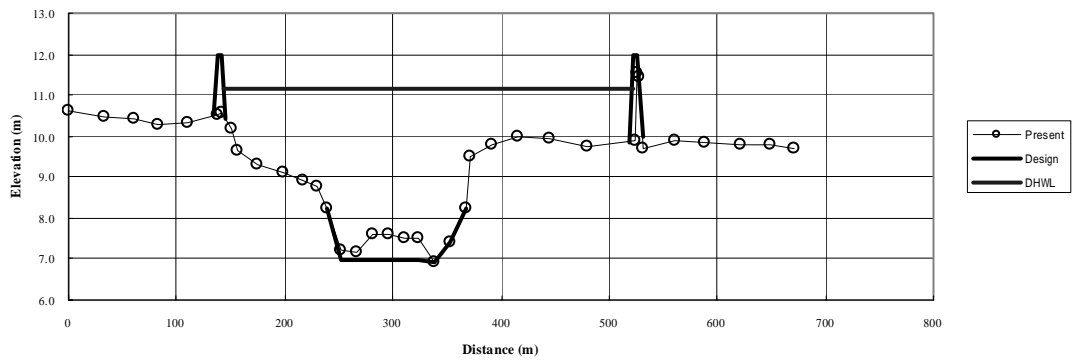
Design Cross Section of Dap Da River
at DD63 Section

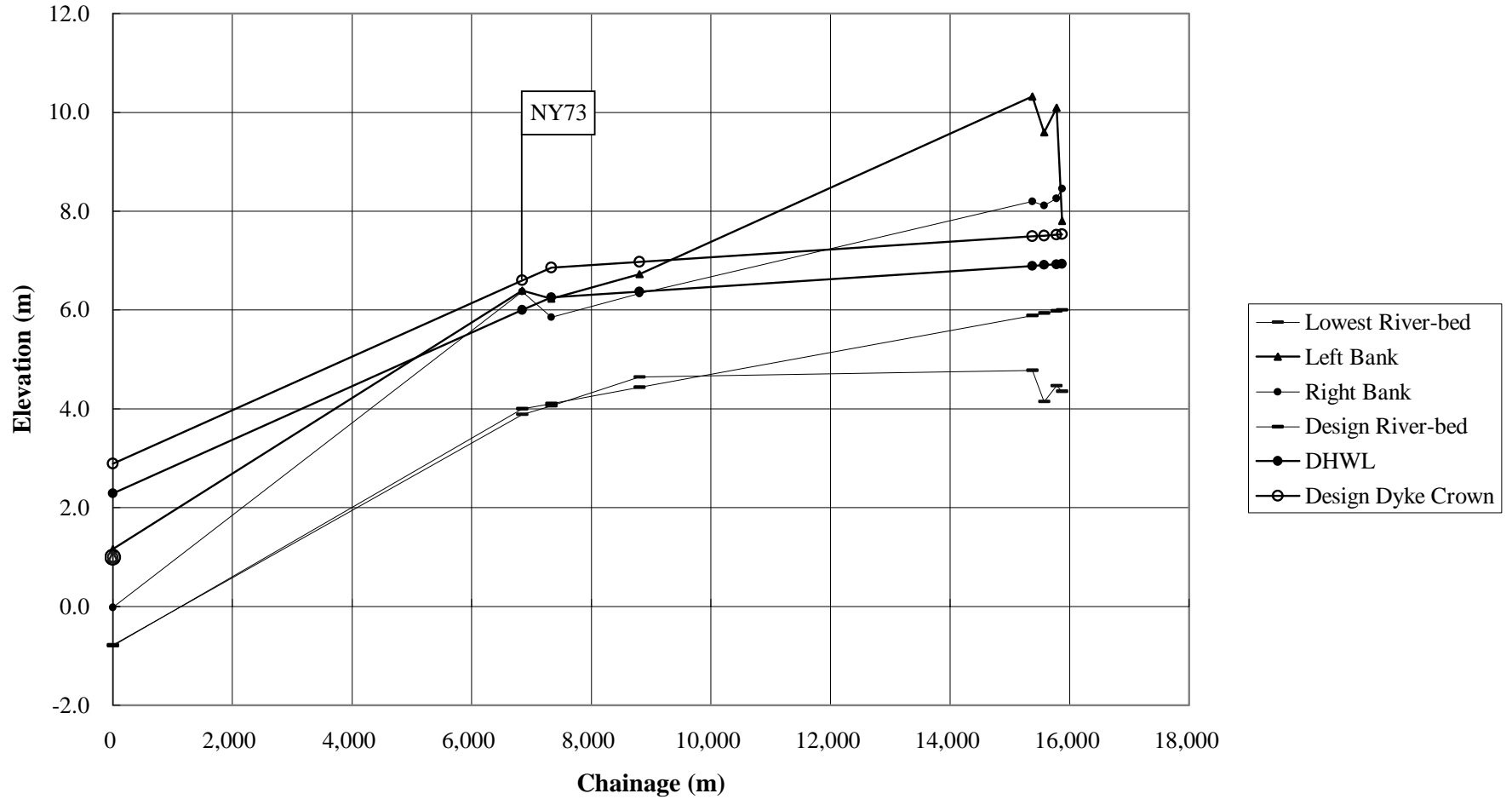


Typical Cross Section of Dap Da River
at DD39

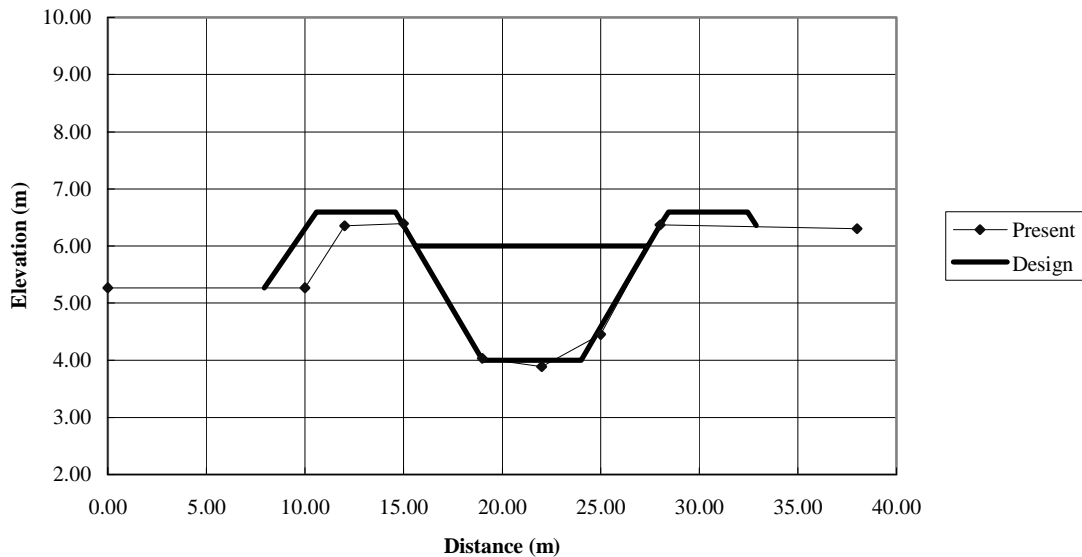


Typical Cross Section of Dap Da River
at DD15





Typical Cross Sections of Nam Yang River
at NY73



Typical Cross Section of Nam Yang River
at NY76

