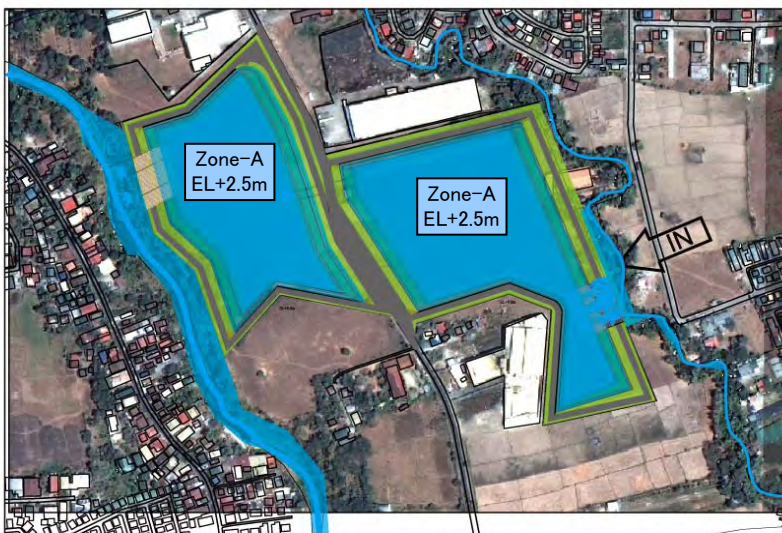


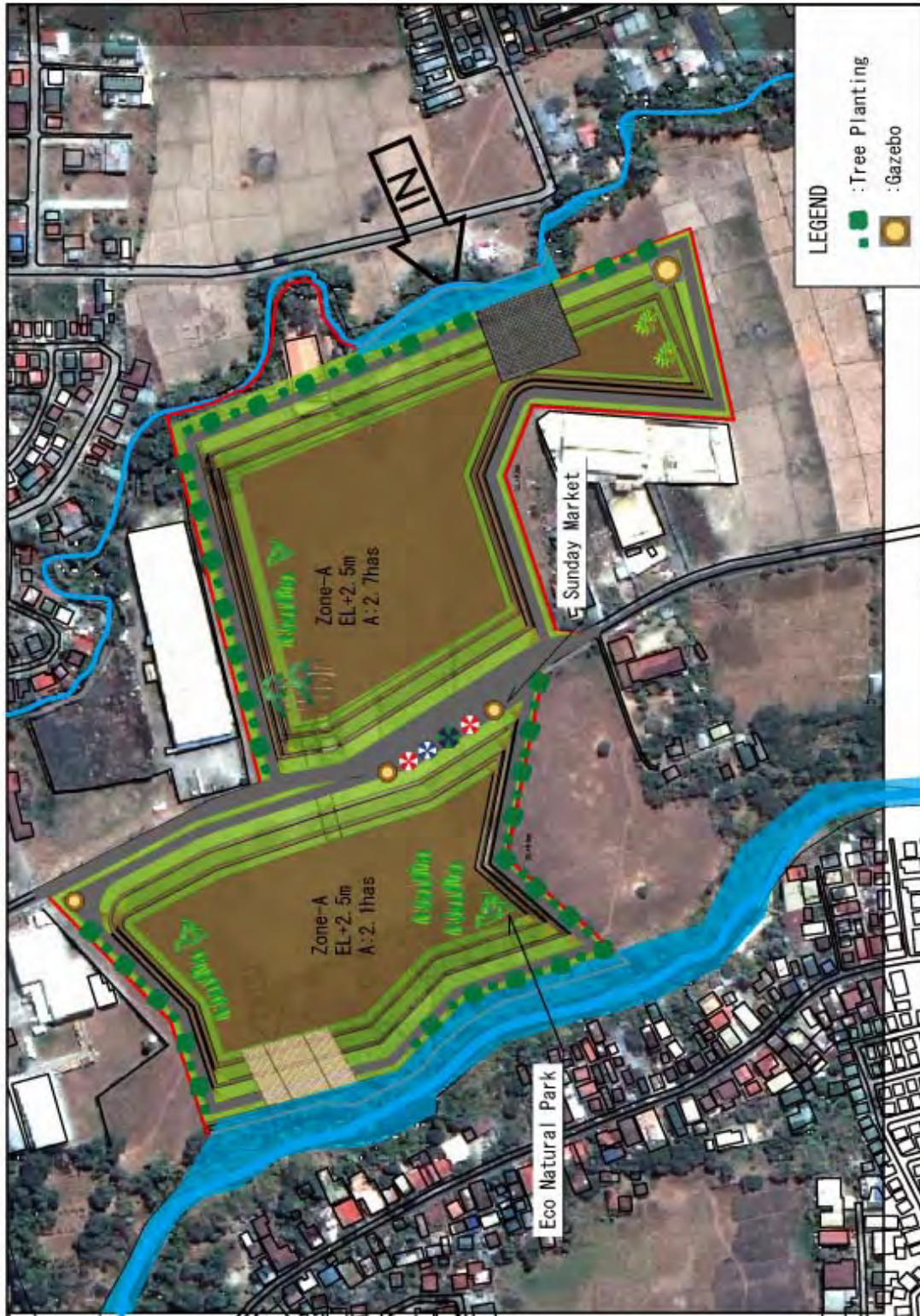
In Small Scaled Flood,
(less than 2-year return period)
All Zones will be inundated.



In Medium/Large Scaled Flood,
(not less than 2-year return period)
Water Depth in All Zones will be increased.

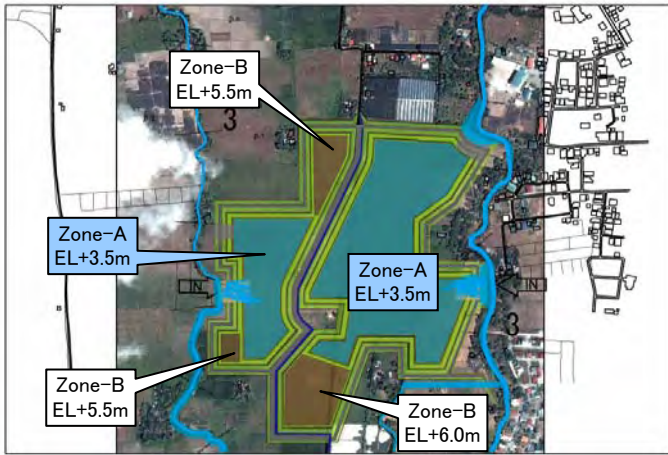
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COMPREHENSIVE FLOOD MITIGATION
FOR CAVITE LOWLAND AREA
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Fig. 2.11
Concept for Zoning Plan
for Bacoor Retarding Basin

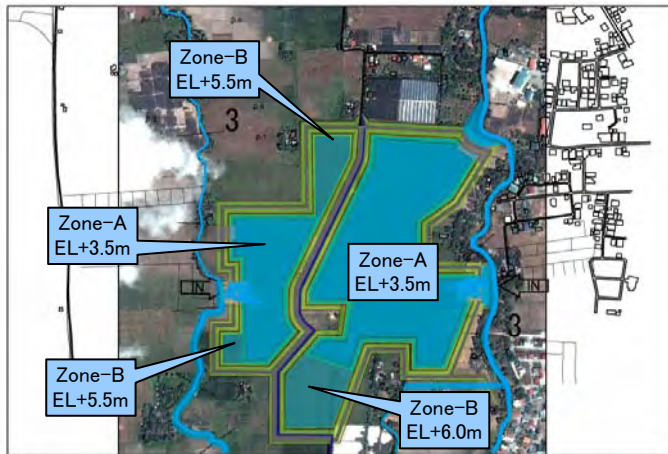


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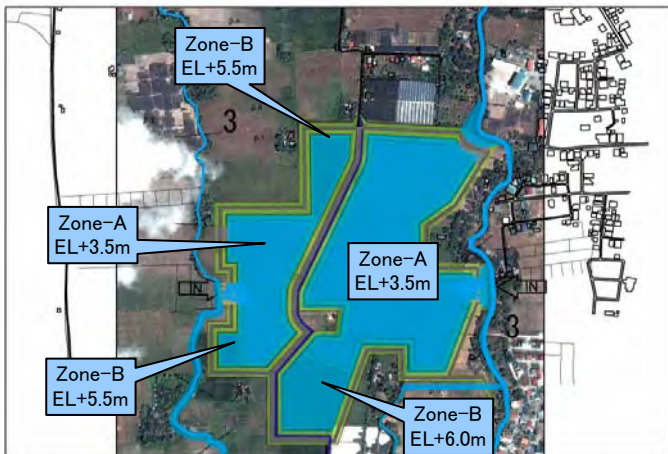
Fig. 2.12
 Conceptual Arrangement Plan of
 Community and Amenity Facilities
 in Bacoor Retarding Basin



In Small Scaled Flood,
(2-year (or less) return period)
Only Zone-A will be inundated.



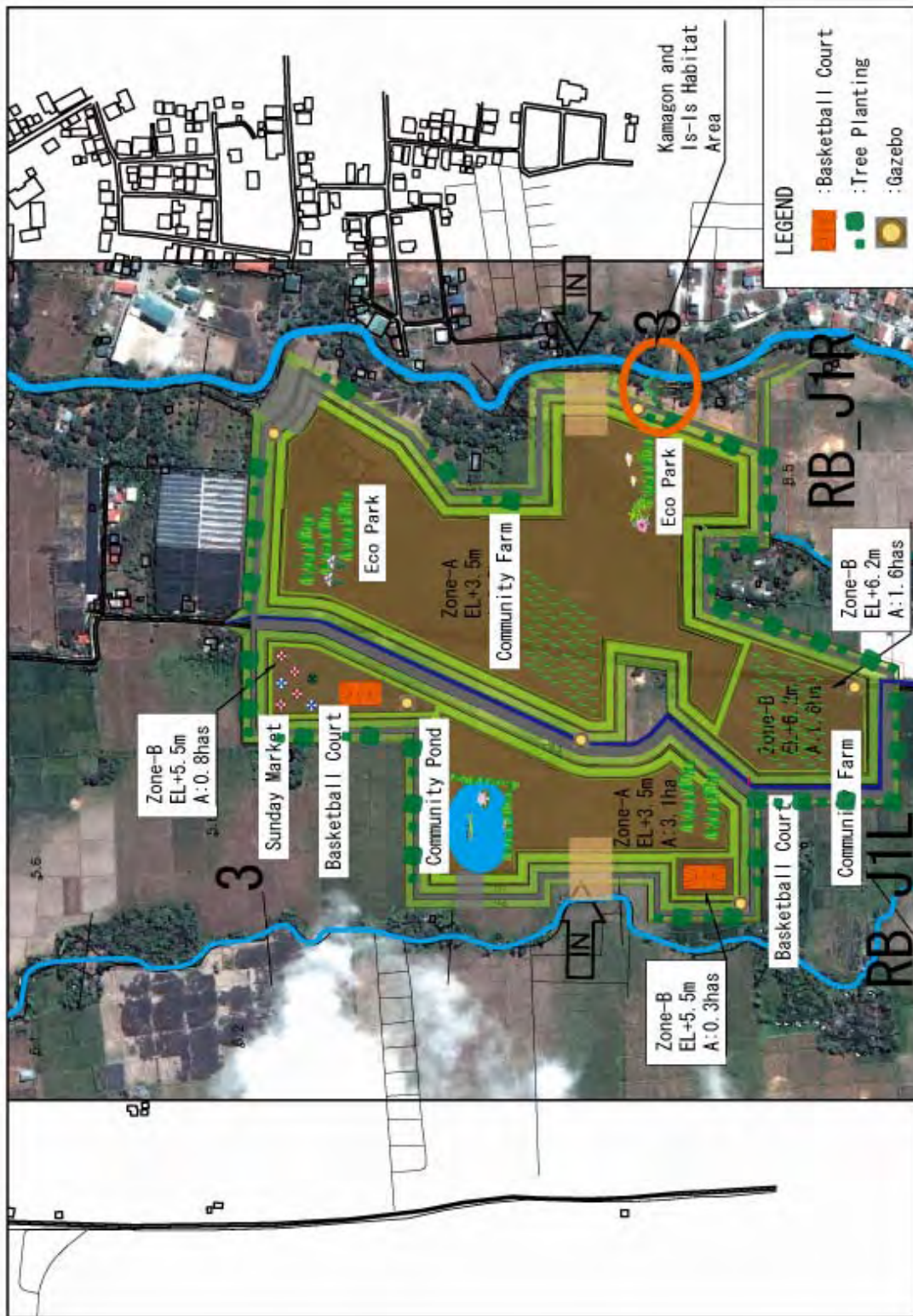
In Medium Scaled Flood,
(3~5-year return period)
Zone-A and Zone-B will be inundated.



In Large Scaled Flood,
(5-year (or more) return period)
All Zones will be inundated.

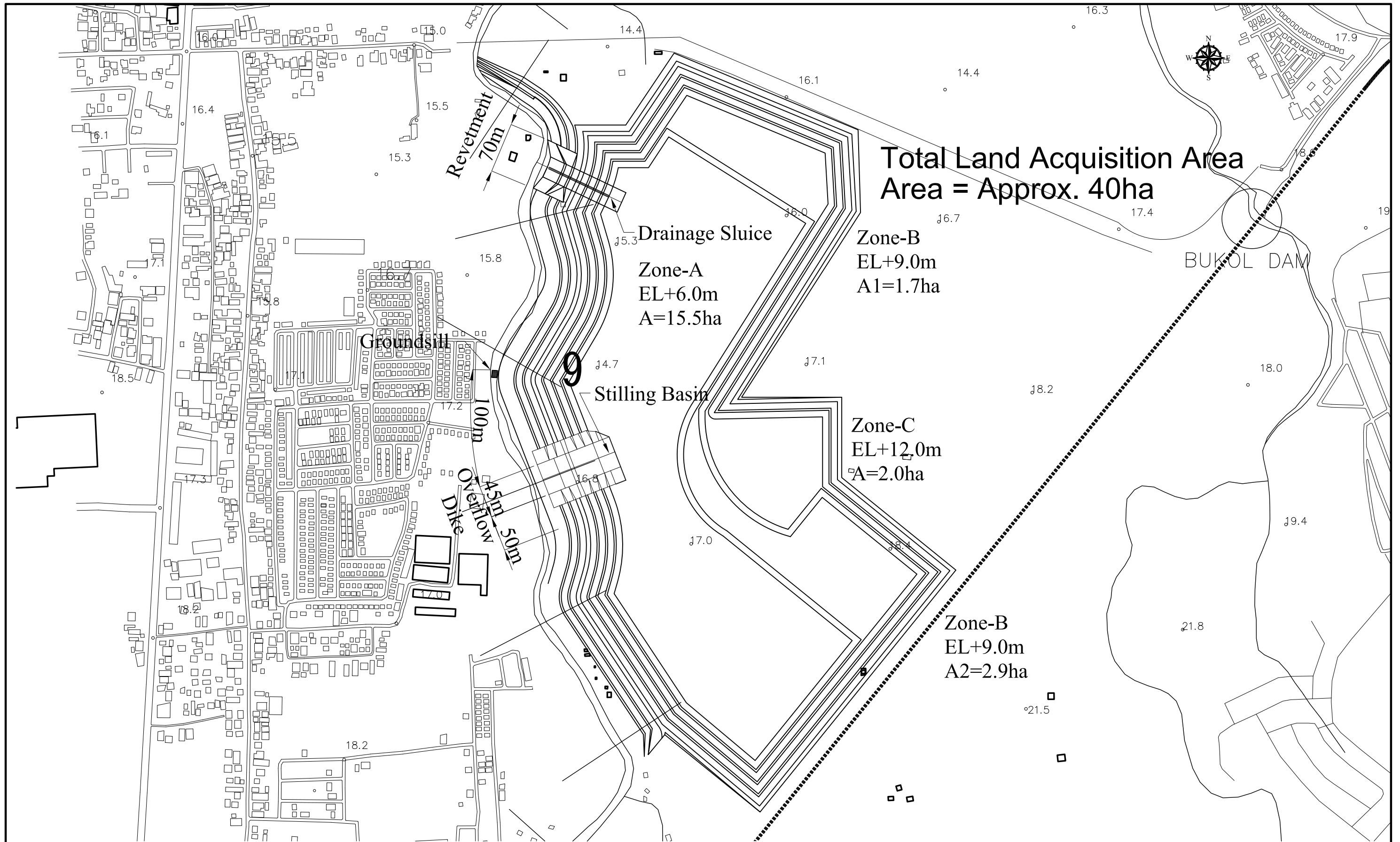
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Fig. 2.13
Concept for Zoning Plan
for Julian Retarding Basin



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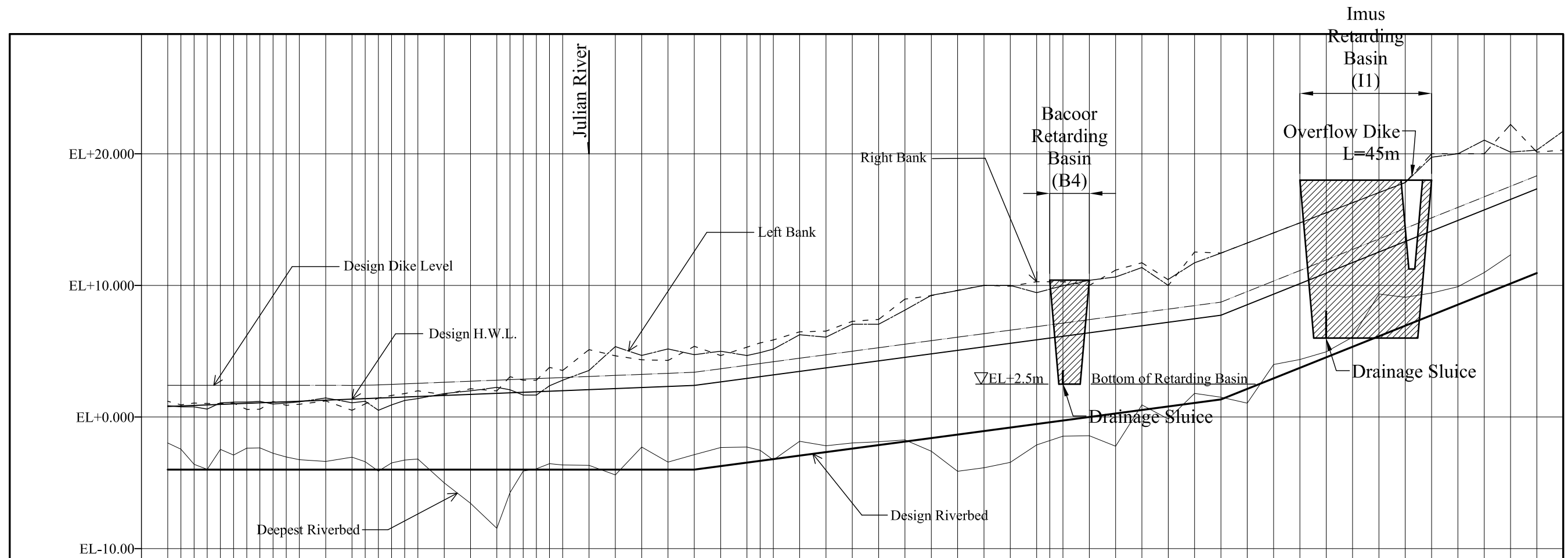
Fig. 2.14
 Conceptual Arrangement Plan of
 Community and Amenity Facilities
 in Julian Retarding Basin



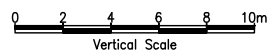
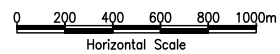
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Fig. 2.15
General Plan of Imus Retarding Basin

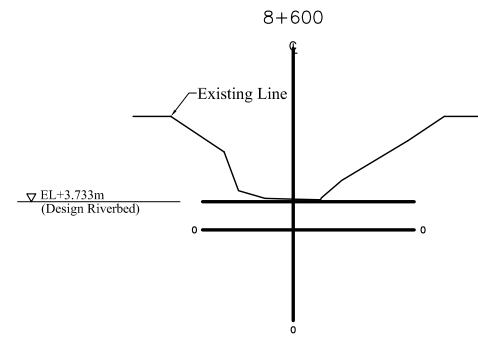


Station No.	Distance (m)	Accum. Distance (m)	Deepest Riverbed (EL)	Left Bank	Right Bank	Designed Riverbed (EL)	Design H.w.L. (EL)	Design Dike Level (EL)	Gradient
Sta.0+000	0.000	000.000	-1.970	0.866	1.193	-4.000	0.800	2.410	
Sta.0+100	100.000	100.000	-2.447	0.770	0.930	-4.000	0.840	2.410	
Sta.0+200	100.000	200.000	-3.594	0.770	1.066	-4.000	0.880	2.410	
Sta.0+300	100.000	300.000	-3.977	0.600	1.030	-4.000	0.920	2.410	
Sta.0+400	100.000	400.000	-2.461	1.077	1.026	-4.000	0.960	2.410	
Sta.0+500	100.000	500.000	-2.890	1.131	1.066	-4.000	1.000	2.410	
Sta.0+600	100.000	600.000	-2.367	1.140	0.579	-4.000	1.040	2.410	
Sta.0+700	100.000	700.000	-2.347	1.191	0.593	-4.000	1.080	2.410	
Sta.0+800	100.000	800.000	-2.755	0.982	1.180	-4.000	1.120	2.410	
Sta.0+900	100.000	900.000	-3.039	1.058	0.890	-4.000	1.160	2.410	
Sta.1+000	100.000	1000.000	-3.244	1.151	0.970	-4.000	1.200	2.410	
Sta.1+200	200.000	1200.000	-3.373	1.451	1.220	-4.000	1.280	2.410	
Sta.1+300	100.000	1400.000	-3.050	1.080	0.510	-4.000	1.360	2.410	
Sta.1+500	100.000	1500.000	-3.397	1.198	1.000	-4.000	1.400	2.410	
Sta.1+600	100.000	1600.000	-4.109	0.511	1.443	-4.000	1.440	2.440	
Sta.1+700	100.000	1700.000	-3.486	0.920	1.640	-4.000	1.480	2.480	
Sta.1+800	100.000	1800.000	-3.273	1.257	1.780	-4.000	1.520	2.520	
Sta.1+900	100.000	1900.000	-3.196	1.400	1.990	-4.000	1.560	2.560	
Sta.2+100	200.000	2100.000	-5.008	1.780	1.700	-4.000	1.640	2.640	
Sta.2+300	200.000	2300.000	-6.558	1.990	2.150	-4.000	1.720	2.720	
Sta.2+500	200.000	2500.000	-8.454	2.250	1.984	-4.000	1.800	2.800	
Sta.2+600	100.000	2600.000	-5.749	2.070	3.066	-4.000	1.840	2.840	
Sta.2+700	100.000	2700.000	-4.111	1.670	2.800	-4.000	1.880	2.880	
Sta.2+800	100.000	2800.000	-3.932	1.670	2.800	-4.000	1.920	2.920	
Sta.2+900	100.000	2900.000	-3.548	2.370	3.770	-4.000	1.960	2.960	
Sta.3+000	100.000	3000.000	-3.646	2.800	3.540	-4.000	2.000	3.000	
Sta.3+200	200.000	3200.000	-5.676	3.540	5.120	-4.000	2.080	3.080	
Sta.3+400	200.000	3400.000	-4.400	5.350	4.650	-4.000	2.160	3.160	
Sta.3+600	200.000	3600.000	-2.280	4.680	4.350	-4.000	2.240	3.240	
Sta.3+800	200.000	3800.000	-5.426	5.172	4.300	-4.000	2.320	3.320	
Sta.4+000	200.000	4000.000	-2.861	4.740	5.370	-4.000	2.400	3.400	
Sta.4+200	200.000	4200.000	-2.317	5.000	4.670	-3.733	2.667	3.667	
Sta.4+400	200.000	4400.000	-2.281	4.670	5.310	-3.467	2.933	3.933	
Sta.4+500	100.000	4500.000	-2.532	4.890	5.630	-3.333	3.067	4.067	
Sta.4+600	100.000	4600.000	-3.262	5.160	5.860	-3.200	3.200	4.200	
Sta.4+800	200.000	4800.000	-1.845	6.250	6.470	-2.933	3.467	4.467	
Sta.5+000	200.000	5000.000	-2.187	6.070	6.530	-2.667	3.733	4.733	
Sta.5+200	200.000	5200.000	-1.969	7.050	7.270	-2.400	4.000	5.000	
Sta.5+400	200.000	5400.000	-1.884	7.050	7.420	-2.133	4.267	5.267	
Sta.5+600	200.000	5600.000	-1.737	8.120	8.960	-1.867	4.533	5.533	
Sta.5+800	200.000	5800.000	-2.336	9.250	9.220	-1.600	4.800	5.800	
Sta.6+000	200.000	6000.000	-3.202	9.610	9.630	-1.333	5.067	6.067	
Sta.6+200	200.000	6200.000	-4.723	10.000	10.000	-1.067	5.333	6.333	
Sta.6+400	200.000	6400.000	-4.453	10.000	9.940	-0.800	5.600	6.600	
Sta.6+600	200.000	6600.000	-4.047	9.450	10.280	-0.533	5.867	6.867	
Sta.6+800	200.000	6800.000	-2.719	9.980	10.280	-0.267	6.133	7.133	
Sta.7+000	200.000	7000.000	-2.054	10.390	10.000	0.000	6.400	7.400	
Sta.7+200	200.000	7200.000	-2.018	10.640	11.160	0.267	6.667	7.667	
Sta.7+400	200.000	7400.000	-2.821	11.360	11.720	0.533	6.933	7.933	
Sta.7+600	200.000	7600.000	0.324	10.000	10.430	0.800	7.200	8.200	
Sta.7+800	200.000	7800.000	-0.151	10.460	10.000	1.067	7.467	8.467	
Sta.8+000	200.000	8000.000	1.795	11.720	12.540	1.333	7.733	8.733	
Sta.8+200	200.000	8200.000	1.509	10.000	10.870	2.133	8.533	9.533	
Sta.8+400	200.000	8400.000	1.052	10.000	10.880	2.933	9.333	10.333	
Sta.8+600	200.000	8600.000	3.988	10.880	11.810	3.733	10.133	11.133	
Sta.8+800	200.000	8800.000	4.371	11.190	11.180	4.533	10.933	11.933	
Sta.9+000	200.000	9000.000	4.958	13.407	11.940	5.333	11.733	12.733	
Sta.9+200	200.000	9200.000	6.069	14.470	14.620	6.133	12.533	13.533	
Sta.9+400	200.000	9400.000	9.353	16.690	16.690	7.333	13.733	14.733	
Sta.9+600	200.000	9600.000	9.093	17.460	17.460	7.733	14.133	15.133	
Sta.9+800	200.000	9800.000	9.423	19.740	20.000	8.533	14.933	15.933	
Sta.10+000	200.000	10000.000	9.901	20.000	20.000	8.933	15.333	16.333	
Sta.10+200	200.000	10200.000	10.978	21.040	20.000	10.533	16.933	17.933	
	200.000	10400.000	12.322	20.128	22.230	11.333	17.733	18.733	

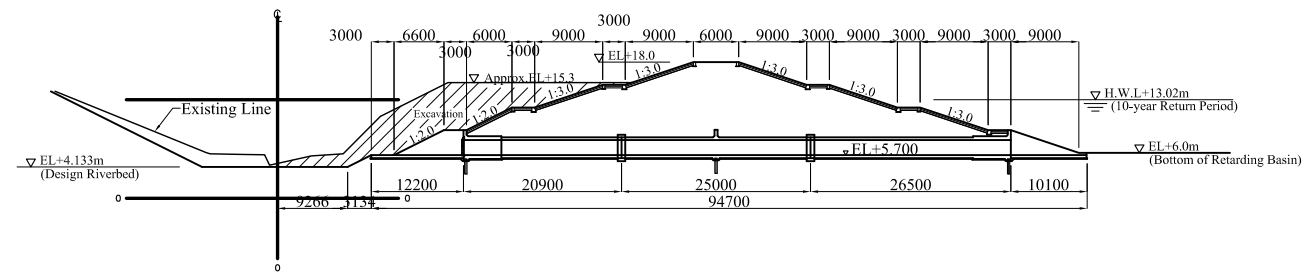


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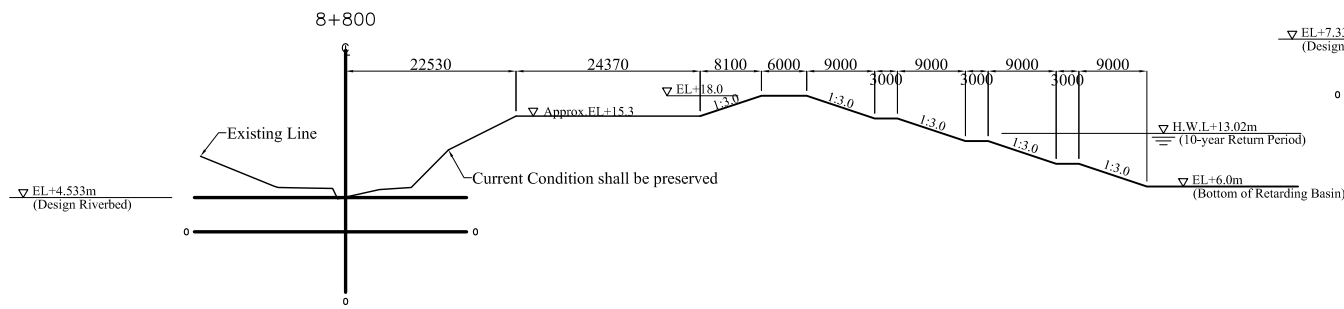
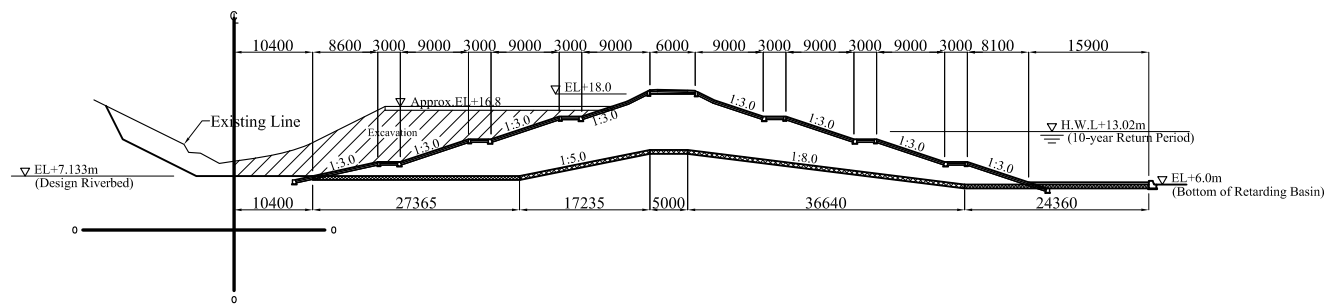
Fig. 2.16
 Longitudinal Profile of Imus River



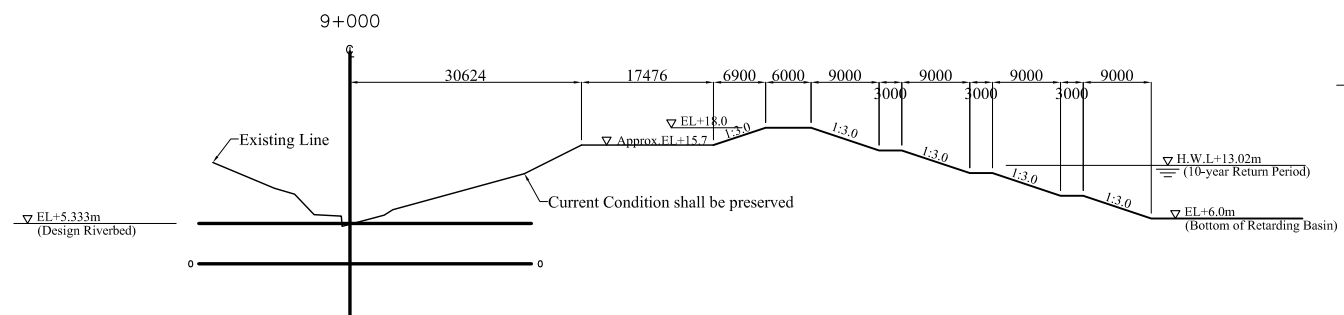
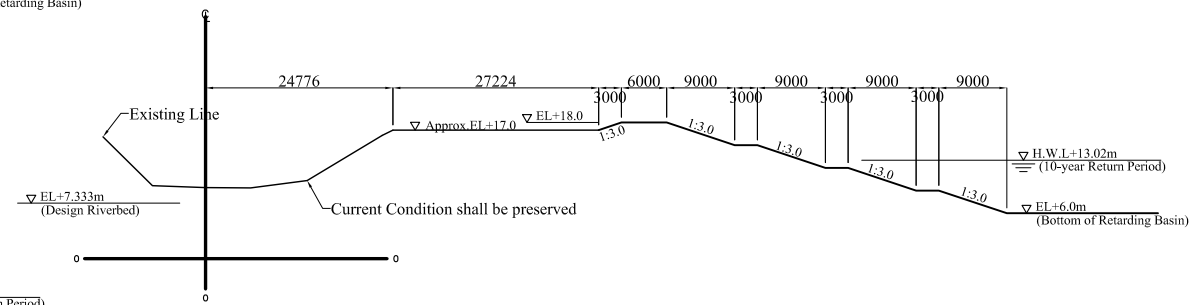
Drainage Sluice (Sta.8+700)



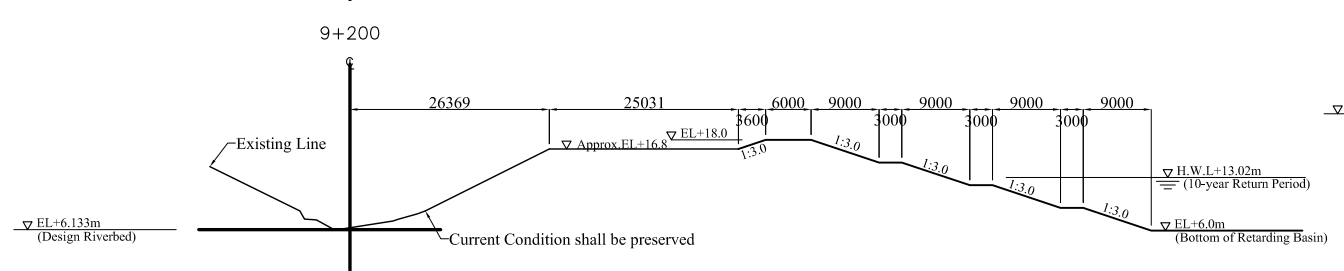
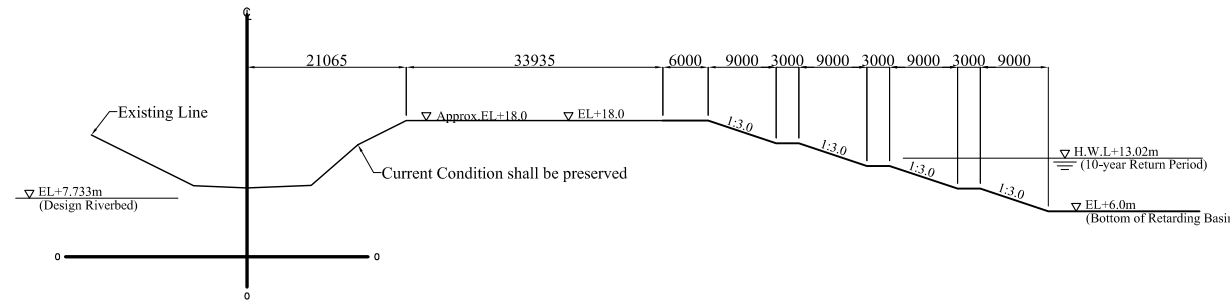
Ovreflow Dike (9+450)



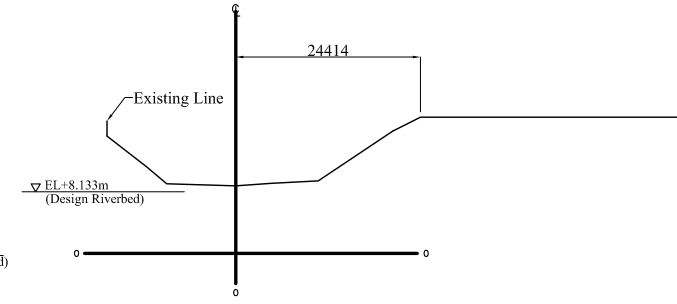
9+500



9+600

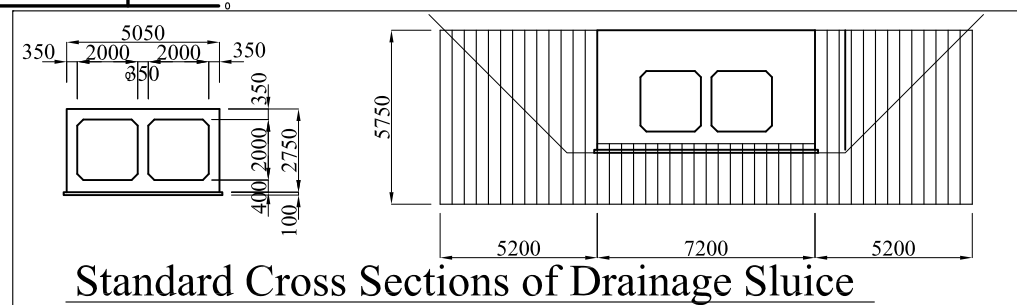


9+700



for Cross-Sections of Retarding Basin
SCALE 1 : 1000

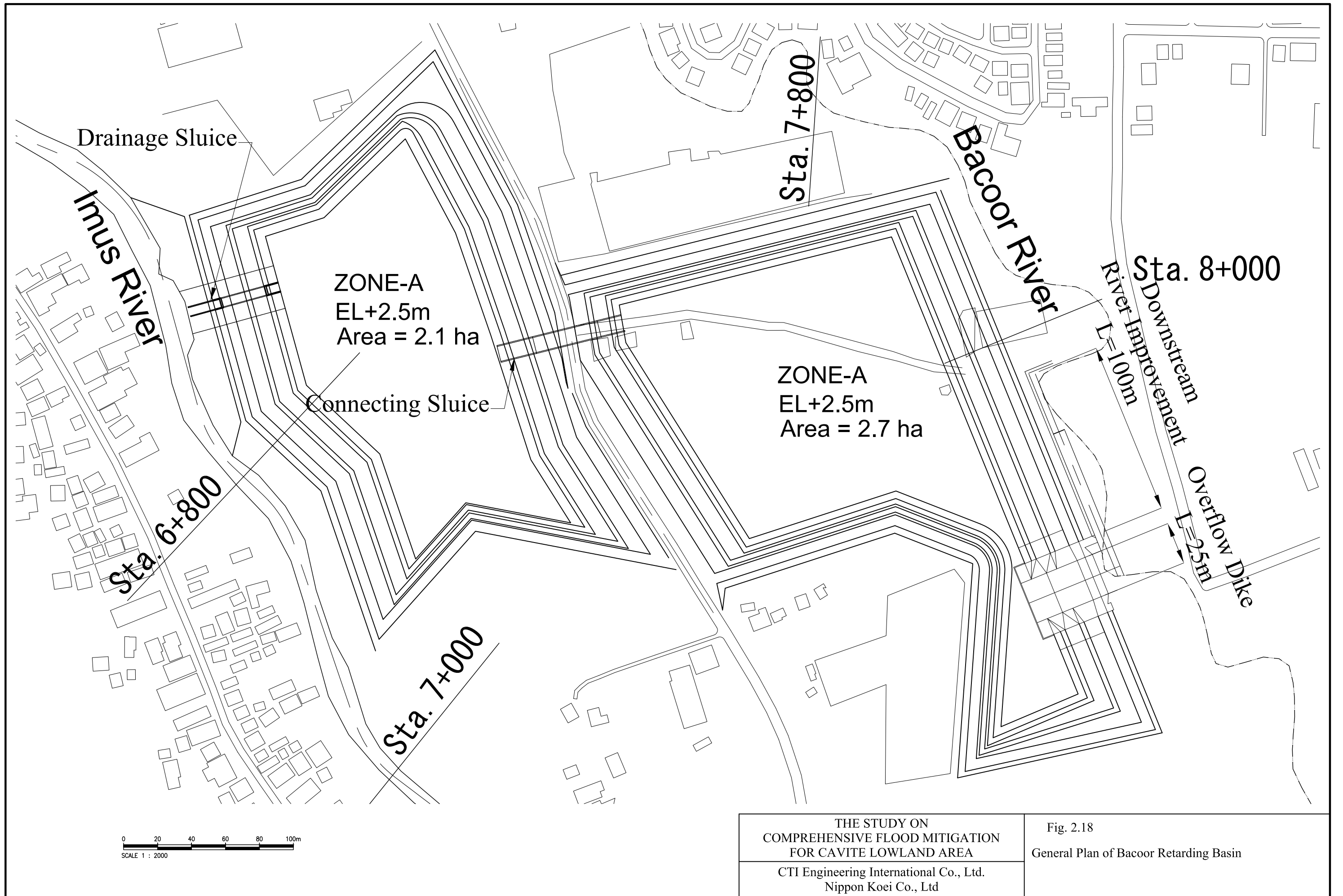
for Sections of Sluice
SCALE 1 : 250



Standard Cross Sections of Drainage Sluice

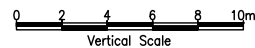
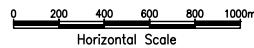
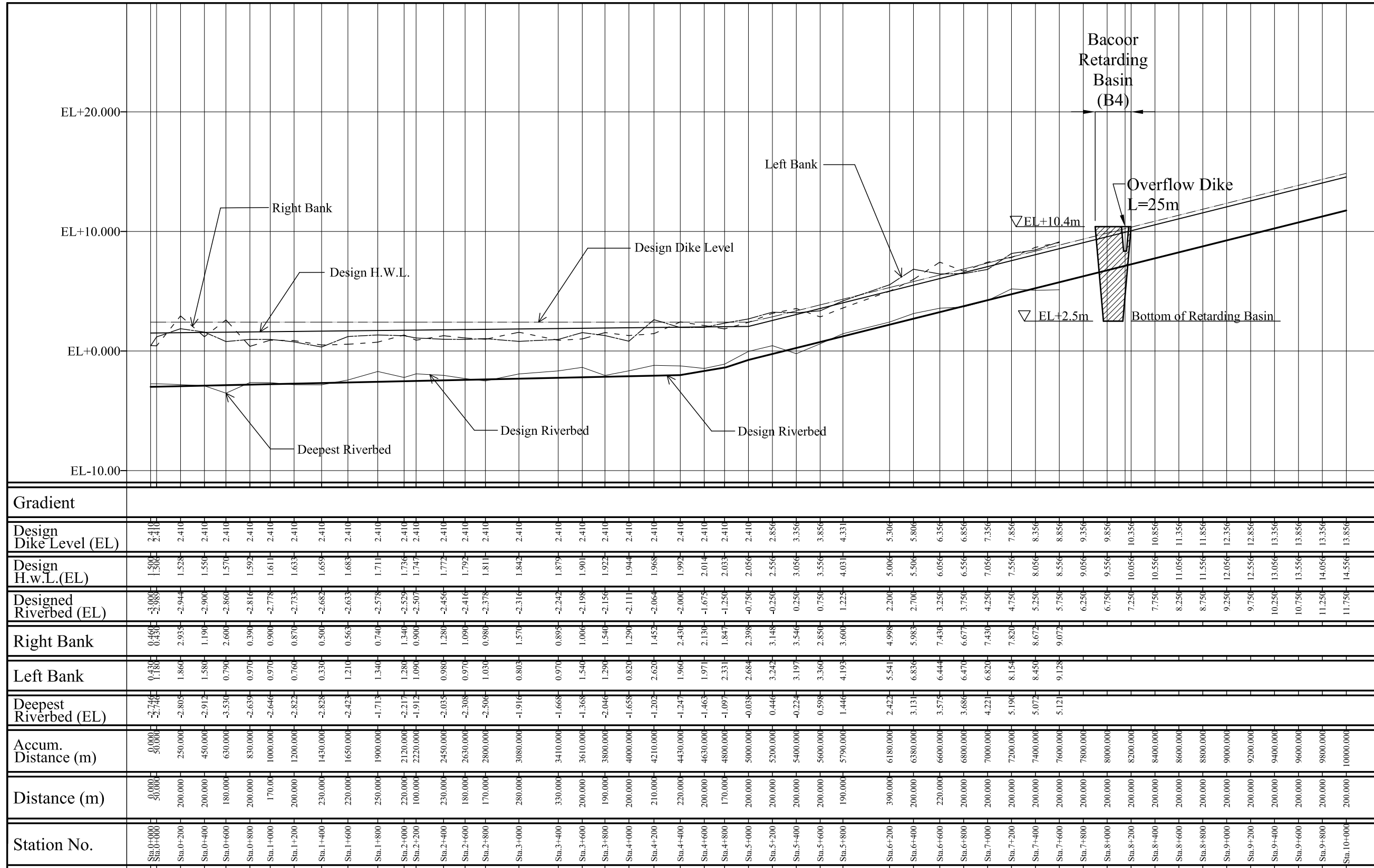
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Fig. 2.17
Cross Sections of Imus River for Construction of Retarding Basin



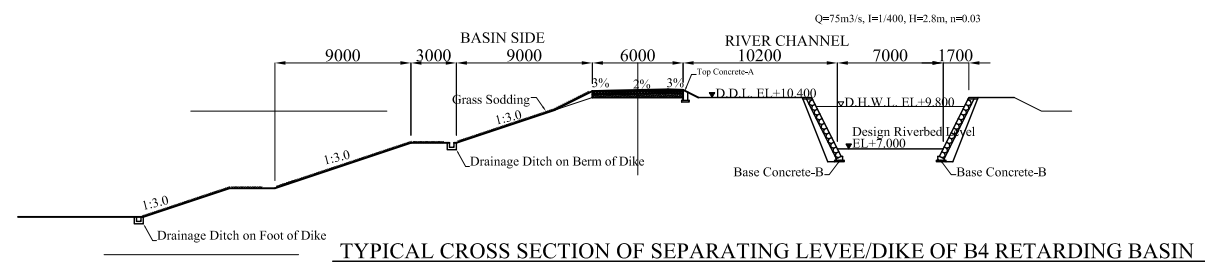
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Fig. 2.18
 General Plan of Bacoor Retarding Basin

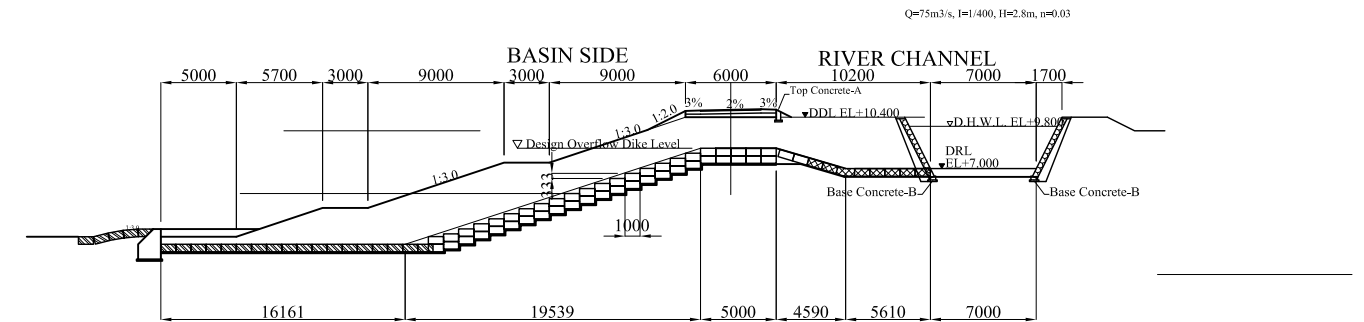


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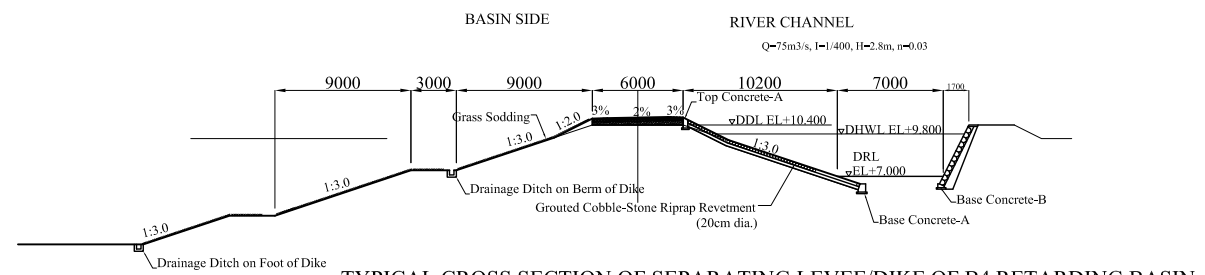
Fig. 2.19
 Longitudinal Profile of Bacoor River



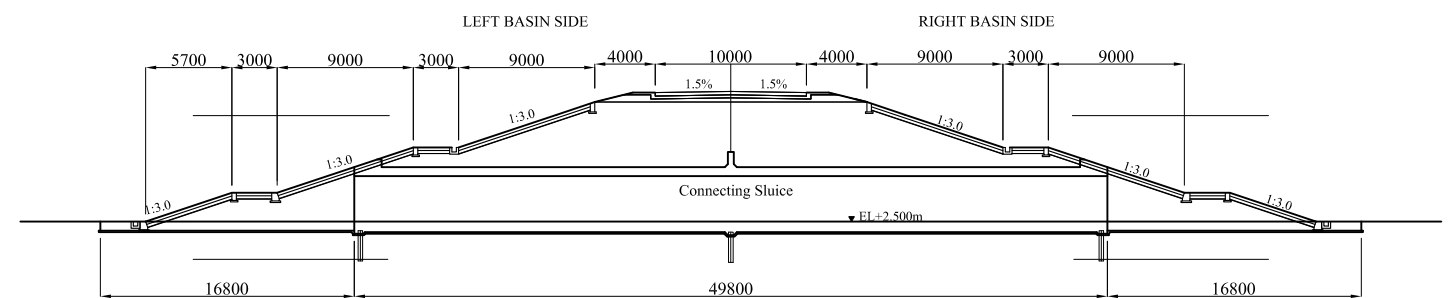
TYPICAL CROSS SECTION OF SEPARATING LEVEE/DIKE OF B4 RETARDING BASIN



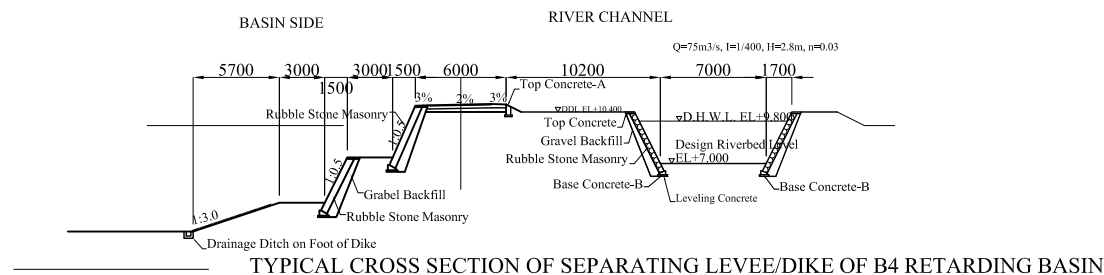
TYPICAL CROSS SECTION OF OVERFLOW DIKE OF B4 RETARDING BASIN



TYPICAL CROSS SECTION OF SEPARATING LEVEE/DIKE OF B4 RETARDING BASIN

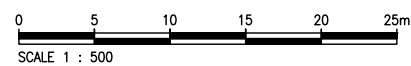


TYPICAL CROSS SECTION OF SURROUNDING DIKE (ROAD SECTION) OF B4 RETARDING BASIN

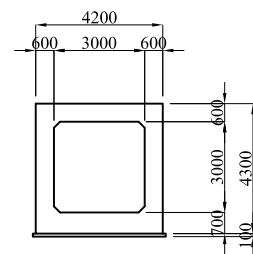


TYPICAL CROSS SECTION OF SEPARATING LEVEE/DIKE OF B4 RETARDING BASIN

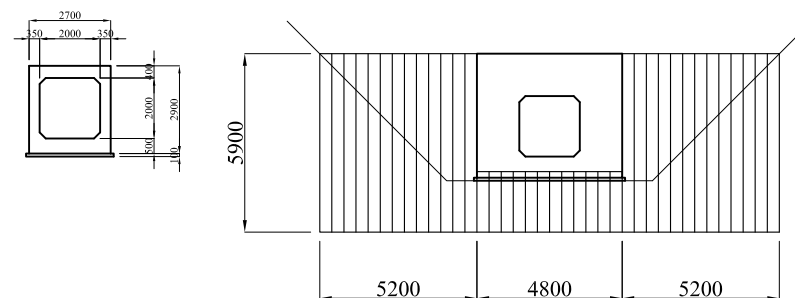
for Cross-Sections of Retarding Basin



SCALE 1 : 500



Standard Cross Sections of Connecting Sluice

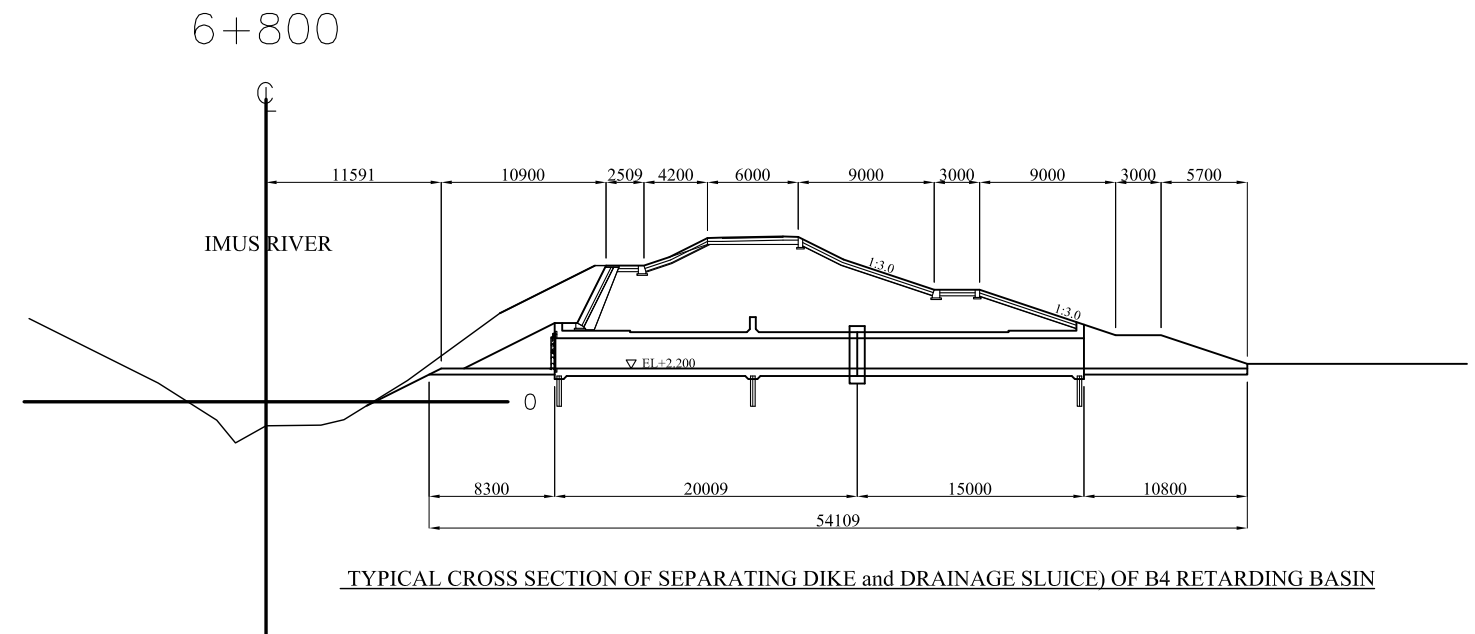


Standard Cross Sections of Drainage Sluice

for Sections of Sluice



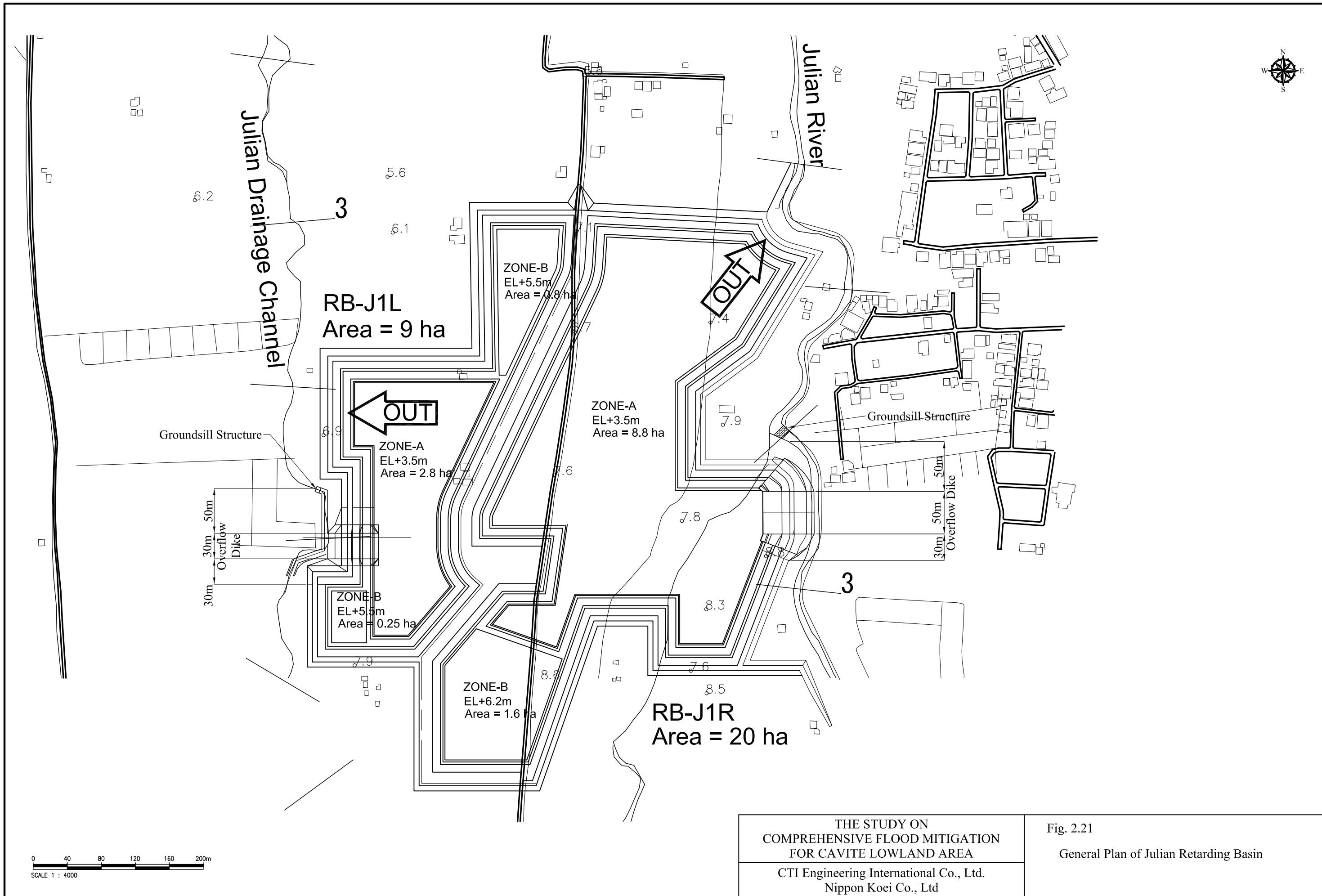
SCALE 1 : 250



TYPICAL CROSS SECTION OF SEPARATING DIKE and DRAINAGE SLUICE) OF B4 RETARDING BASIN

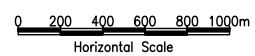
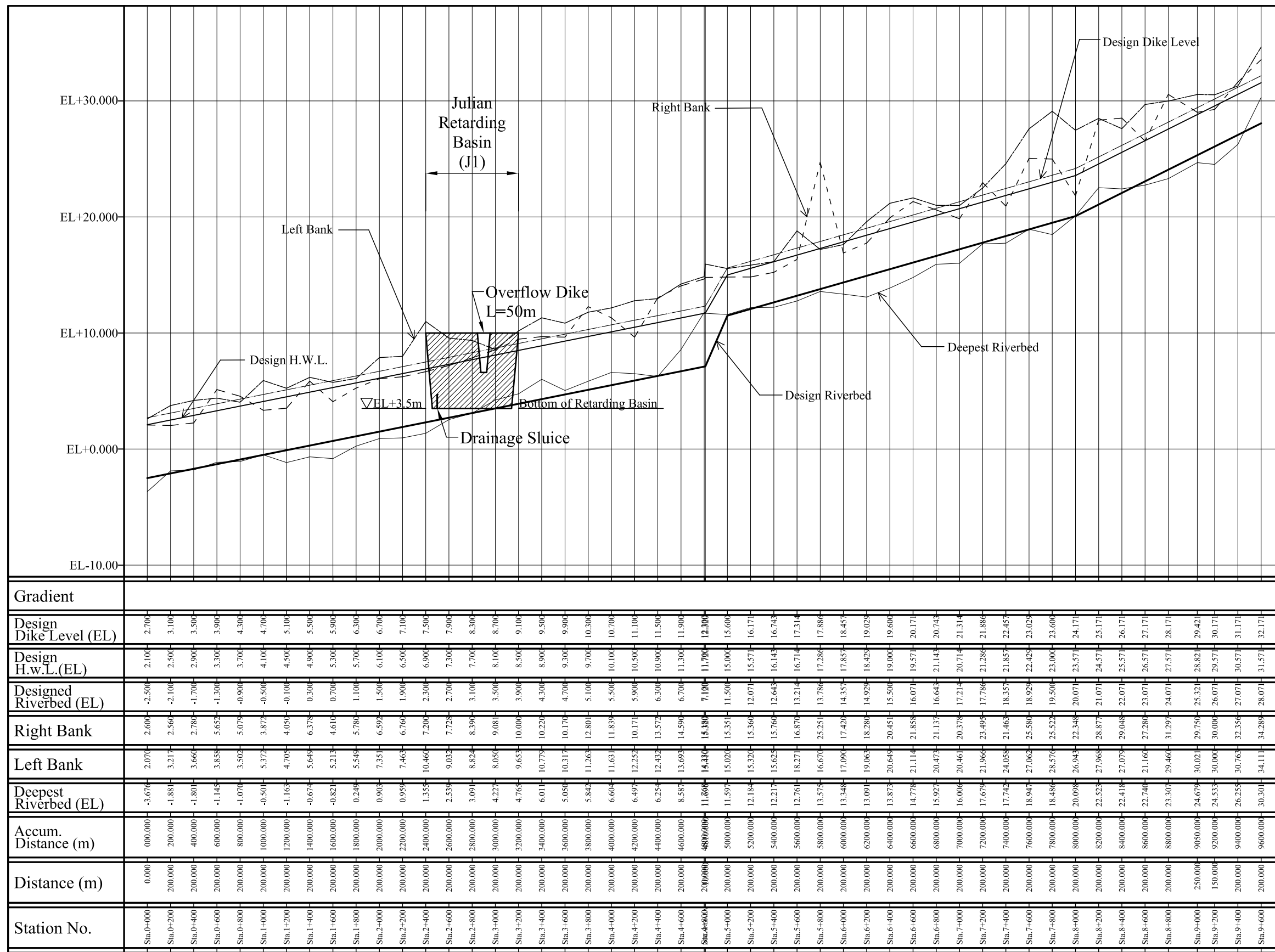
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Fig. 2.20
Cross Sections for Bacoor Retarding Basins



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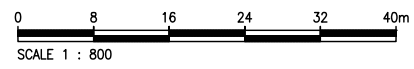
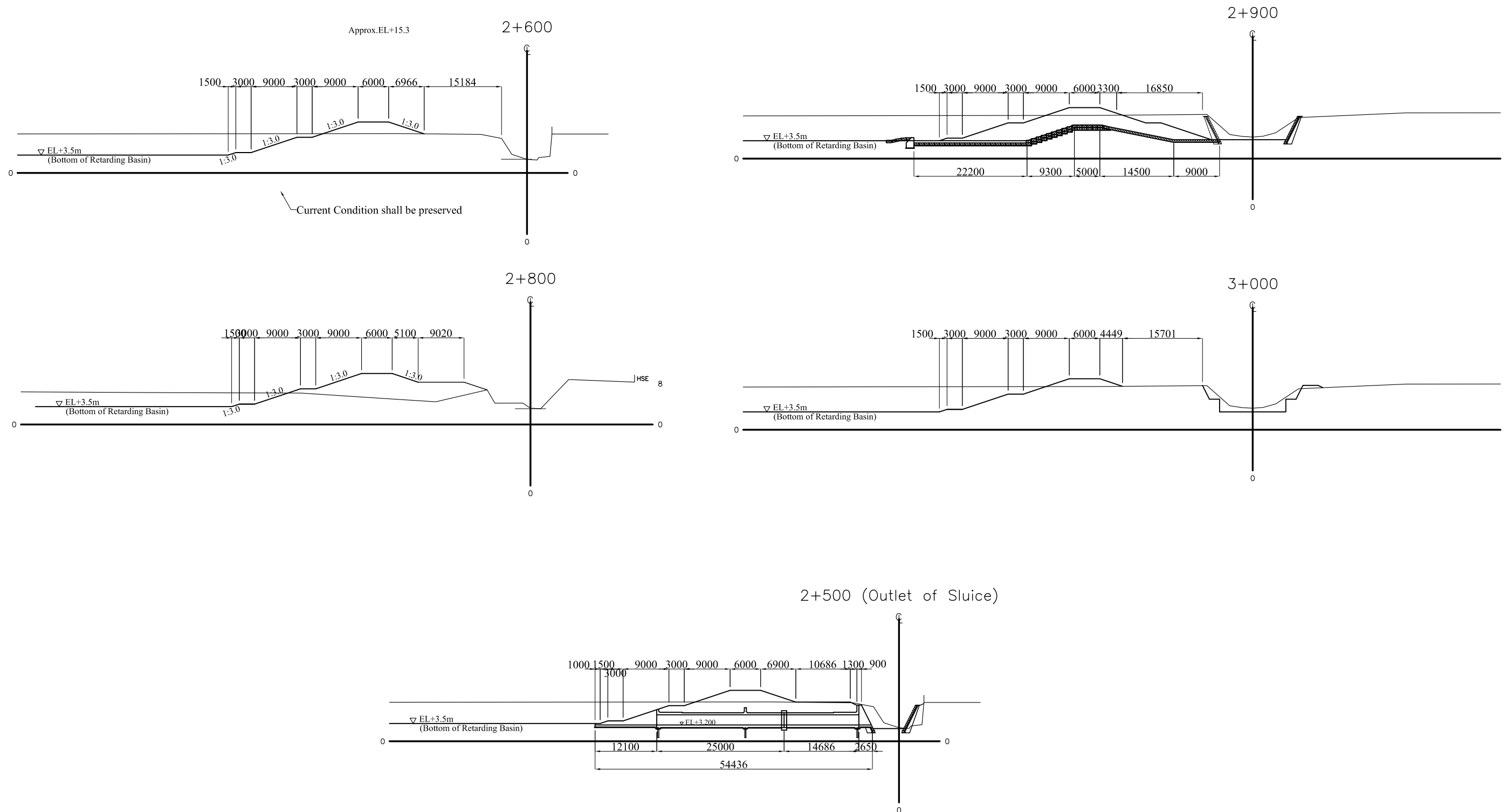
Fig. 2.21
 General Plan of Julian Retarding Basin



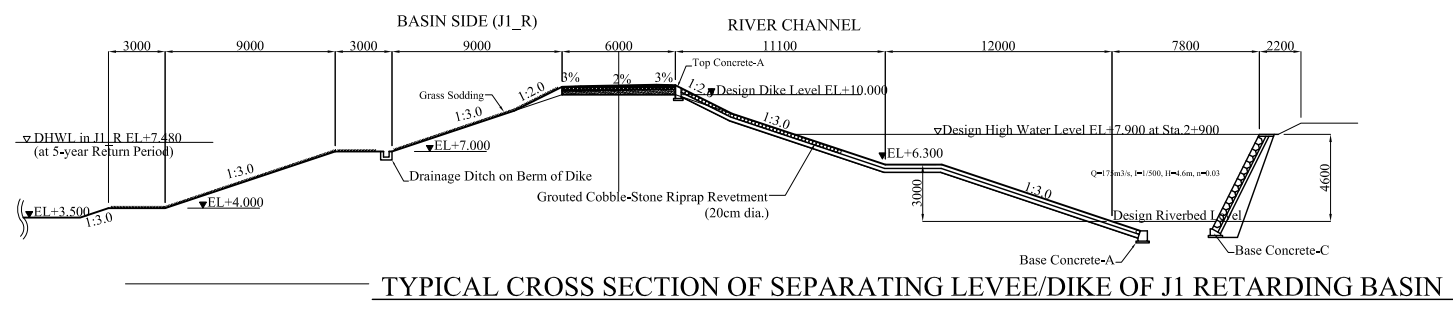
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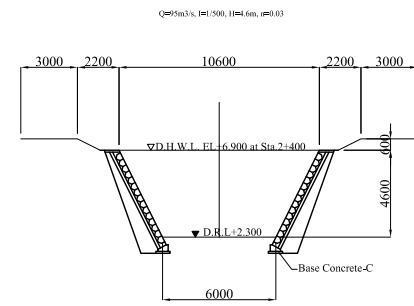
Fig. 2.22
Longitudinal Profile of Julian River



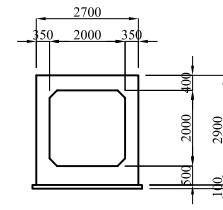
<p>THE STUDY ON COMPREHENSIVE FLOOD MITIGATION FOR CAVITE LOWLAND AREA</p>	<p>Fig. 2.23 (1/2) Cross Sections of Julian River for Retarding Basin (1/2)</p>
<p>CTI Engineering International Co., Ltd. Nippon Koei Co., Ltd</p>	



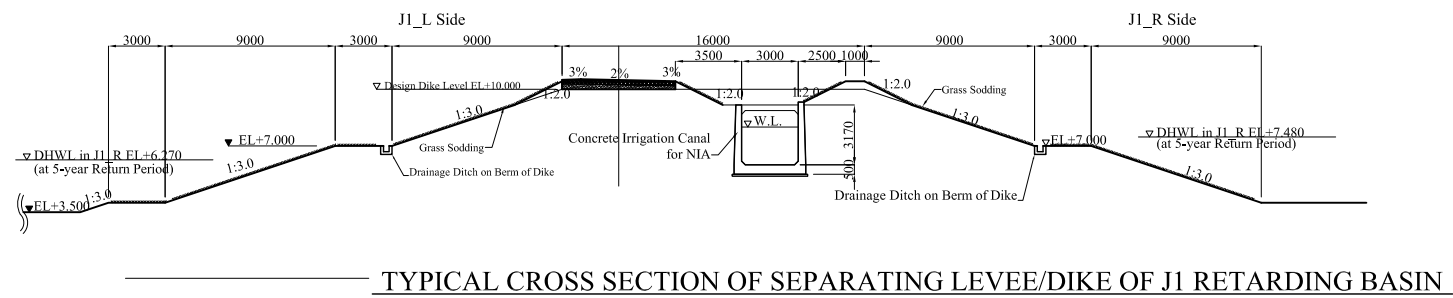
TYPICAL CROSS SECTION OF SEPARATING LEVEE/DIKE OF J1 RETARDING BASIN



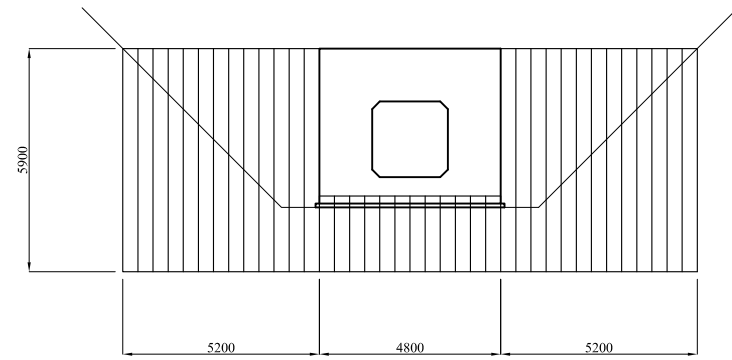
TYPICAL CROSS SECTION OF RIVER CHANNEL OF DOWNSTREAM FOR Q=95m³/s



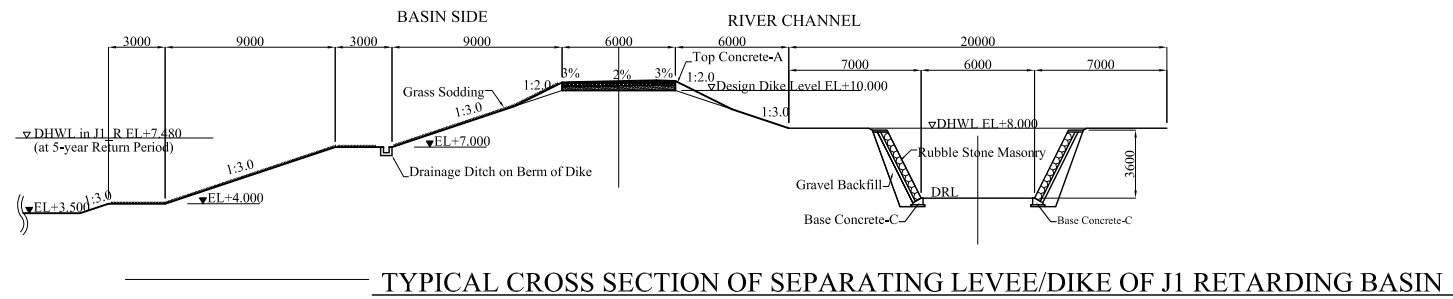
Standard Cross Sections of Drainage Sluice(1)



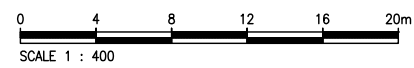
TYPICAL CROSS SECTION OF SEPARATING LEVEE/DIKE OF J1 RETARDING BASIN



Standard Cross Sections of Drainage Sluice(2)



TYPICAL CROSS SECTION OF SEPARATING LEVEE/DIKE OF J1 RETARDING BASIN



<p>THE STUDY ON COMPREHENSIVE FLOOD MITIGATION FOR CAVITE LOWLAND AREA</p>	<p>Fig. 2.23 (2/2) Cross Sections of Julian River for Retarding Basin (2/2)</p>
<p>CTI Engineering International Co., Ltd. Nippon Koei Co., Ltd</p>	