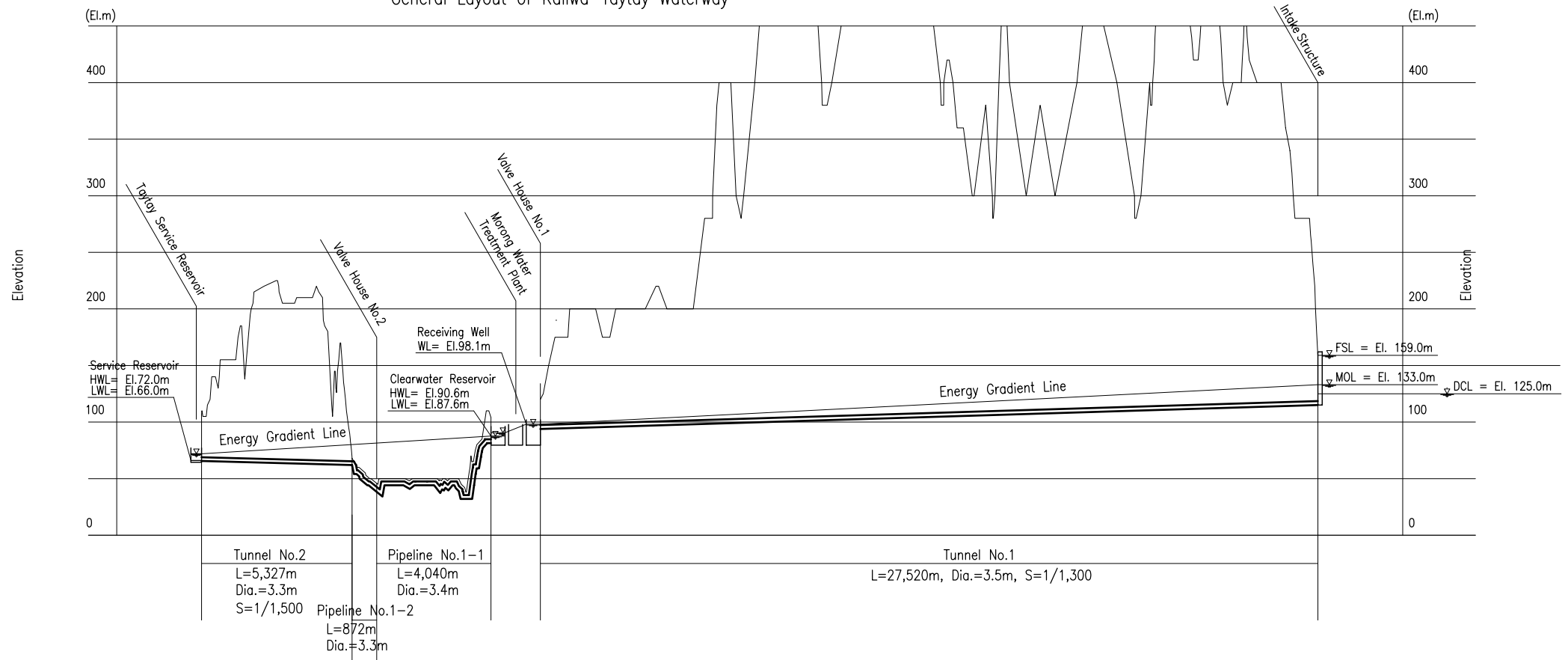
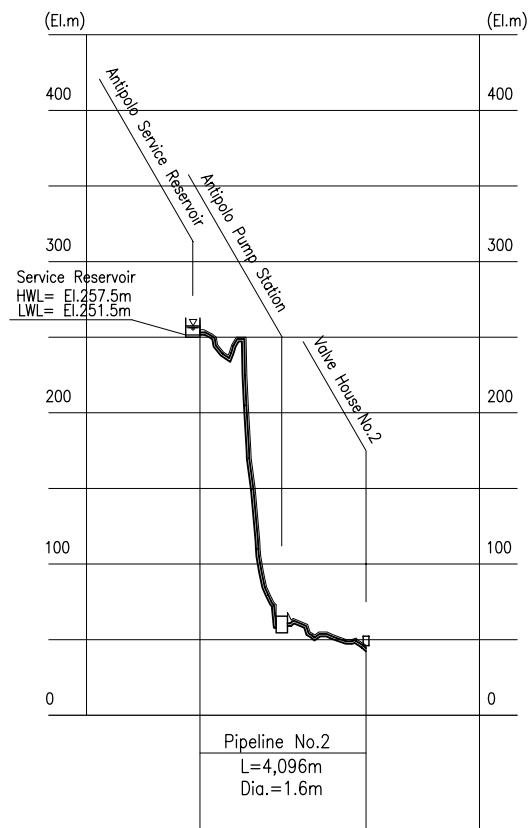


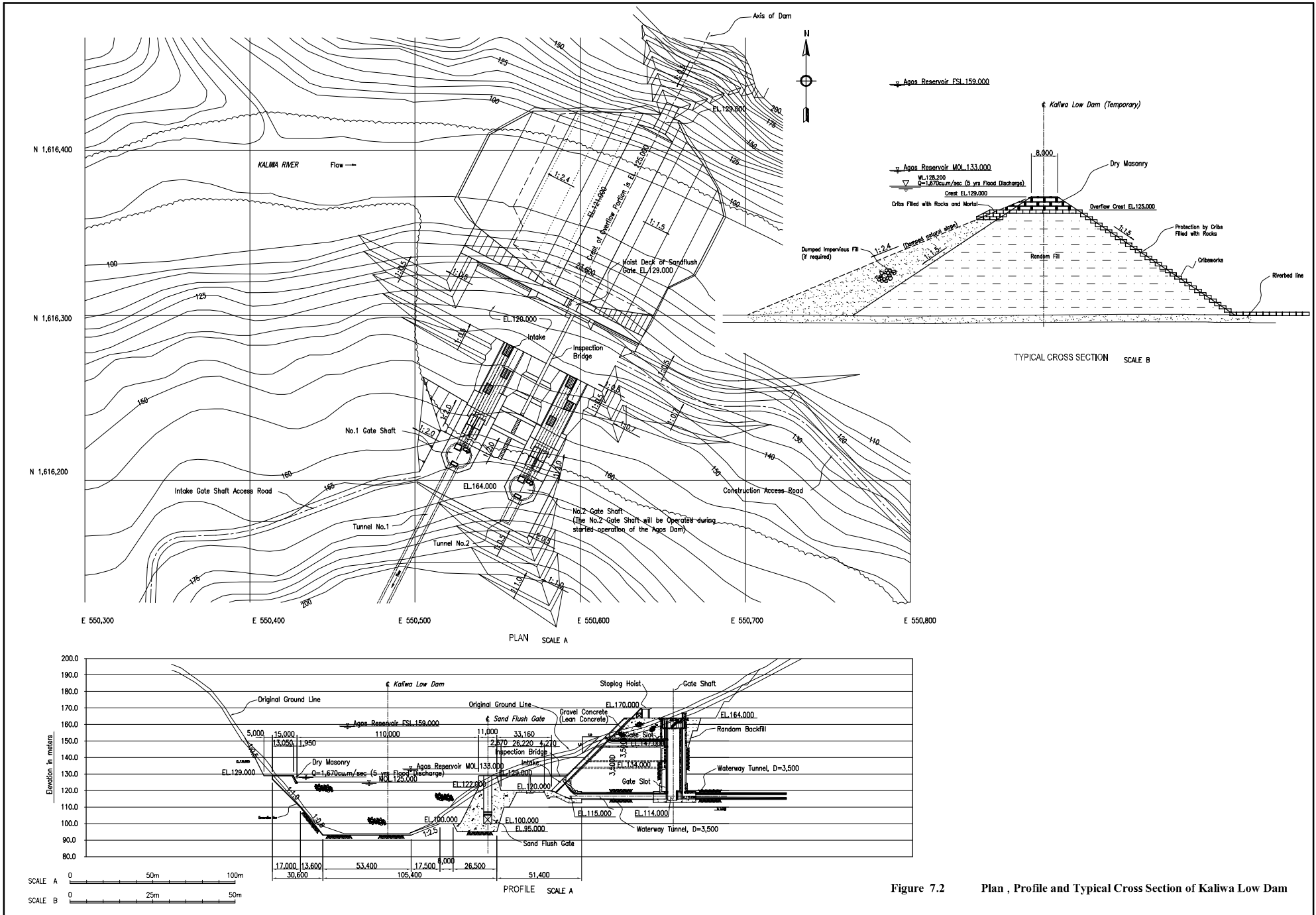
General Layout of Kaliwa-Taytay Waterway

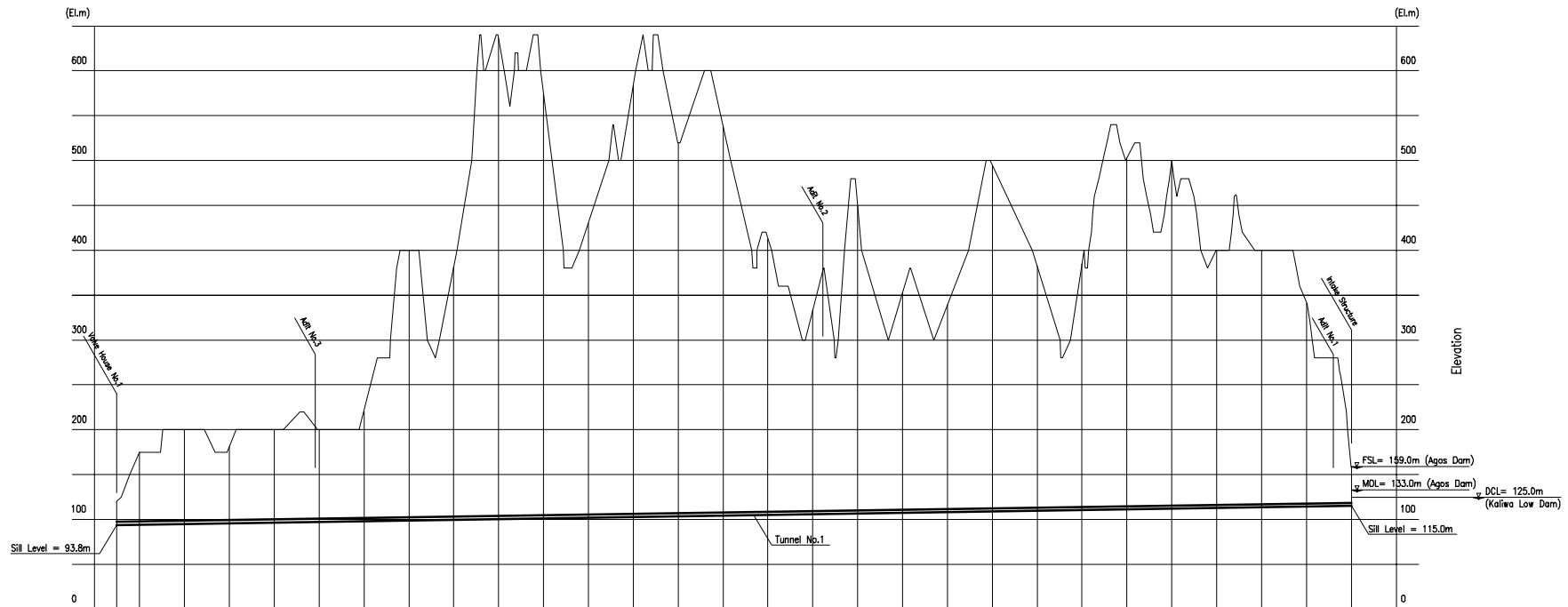
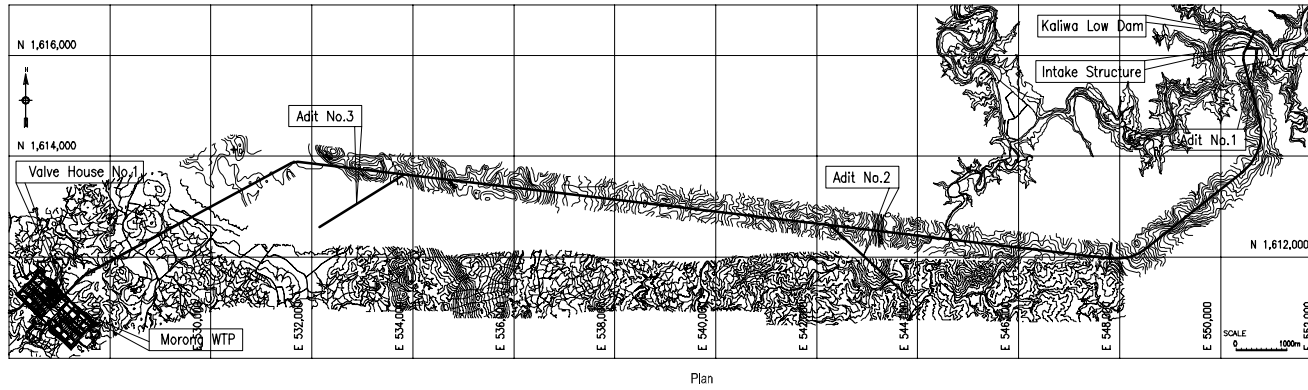


Profile of Kaliwa-Taytay Waterway

Figure 7.1 General Layout and Profile of Kaliwa-Taytay Waterway

Scale V 0 100m  
Scale H 0 5000m



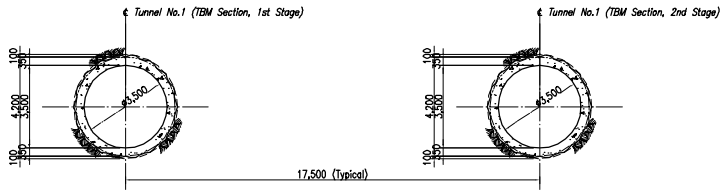


Tunnel Sill Elevation	93.8																		115.0		Tunnel Sill Elevation																																						
Ground Elevation	No.28	120	No.26	175	No.27	200	No.26	181	No.25	200	No.24	200	No.23	221	No.22	400	No.21	382	No.20	637	No.19	574	No.18	450	No.17	584	No.16	520	No.15	538	No.14	413	No.13	333	No.12	449	No.11	353	No.10	339	No.9	465	No.8	382	No.7	385	No.6	503	No.5	467	No.4	460	No.3	400	No.2	341	No.1	198	Ground Elevation
Total Distance																																			Total Distance																								
Distance																																			Distance																								
No. of Point																																			No. of Point																								

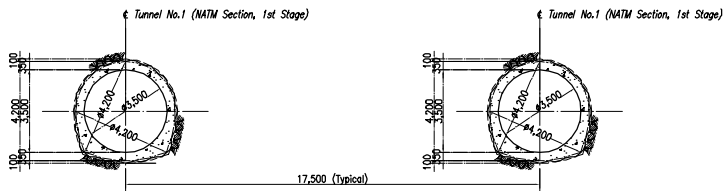
Scale V 0 100m  
Scale H 0 2000m

Profile

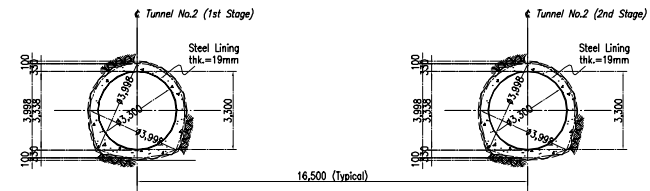
Figure 7.3 Plan and Profile of Tunnel No.1



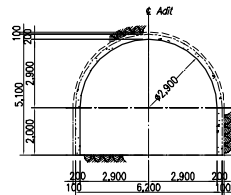
Tunnel No.1 (TBM Section)



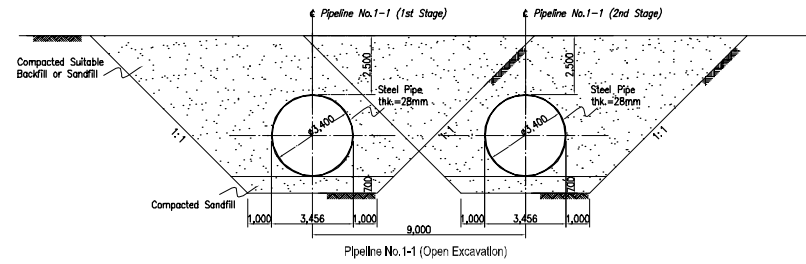
Tunnel No.1 (NATM Section)



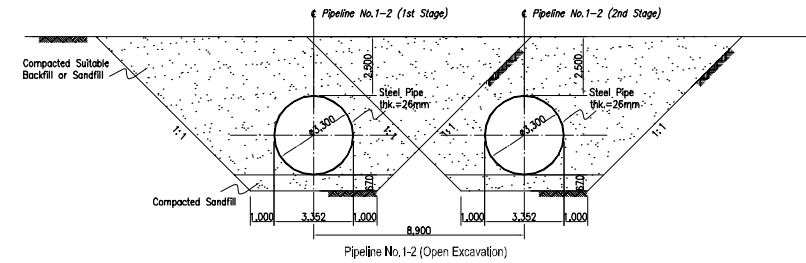
Tunnel No.2 (NATM)



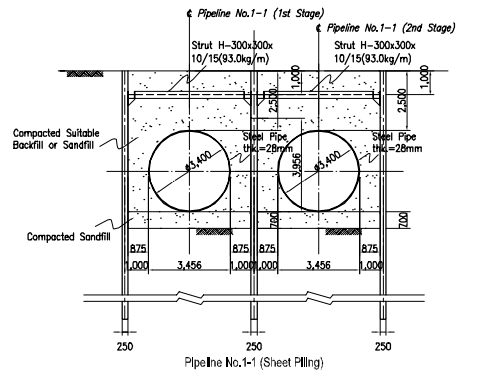
Work Adjt for Tunnel No.1



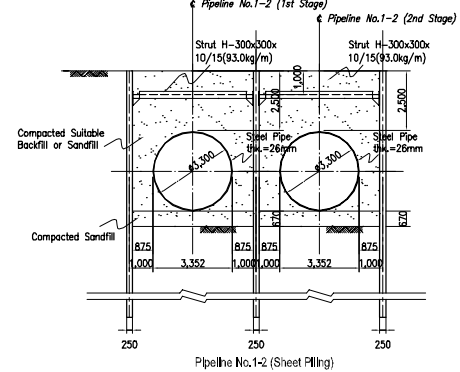
Pipeline No.1-1 (Open Excavation)



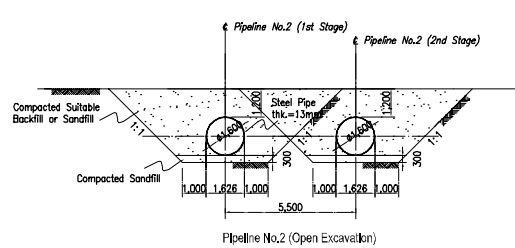
Pipeline No.1-2 (Open Excavation)



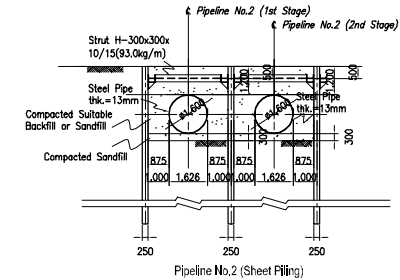
Pipeline No.1-1 (Sheet Piling)



Pipeline No.1-2 (Sheet Piling)



Pipeline No.2 (Open Excavation)



Pipeline No.2 (Sheet Piling)

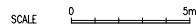


Figure 7.4 Typical Cross Sections of Waterway Tunnels and Pipelines