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# Deep Excavation of the Gate of the Orient in Suzhou Stiff Clay: Composite Earth Retaining Systems

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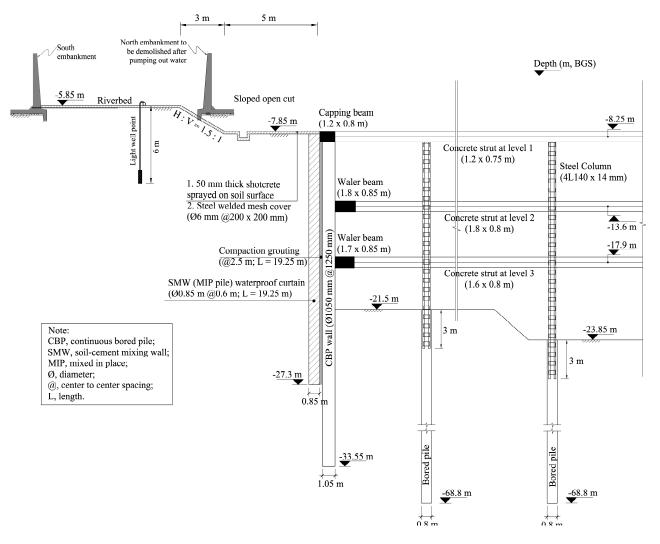
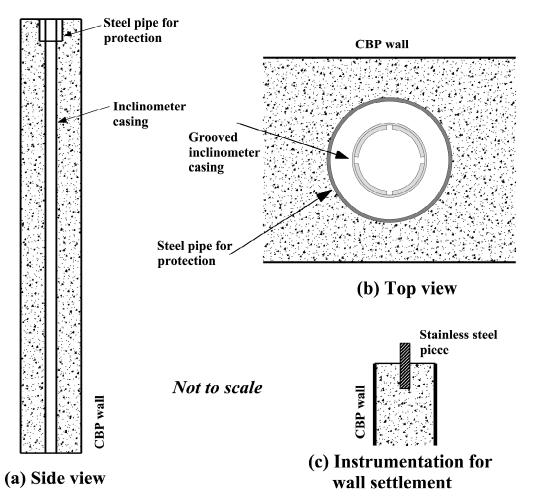
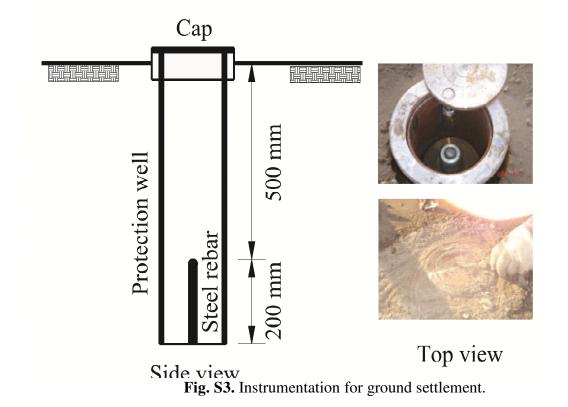


Fig. S1. Cross-section of the pit along the south side.



**Fig. S2.** View of the instrumentation layout of retaining wall for monitoring lateral wall displacements: (a) side view; (b) top view; (c) instrumentation for wall settlement.



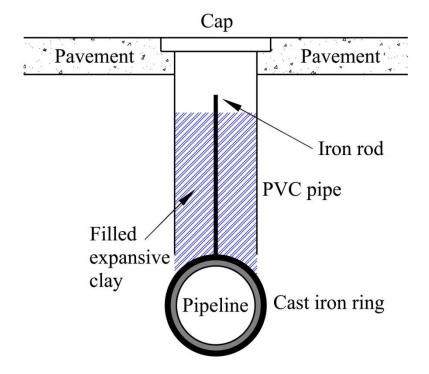


Fig. S4. Instrumentation for settlement of buried pipeline.

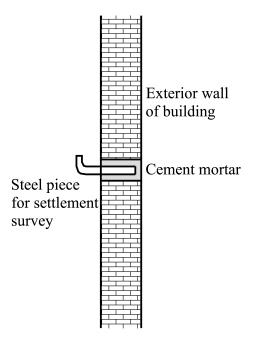


Fig. S5. Instrumentation for building settlement.

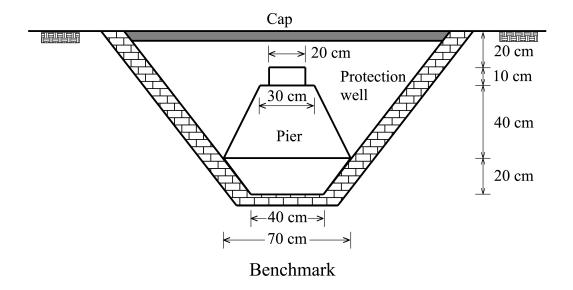


Fig. S6. Configuration of reference point (benchmark).

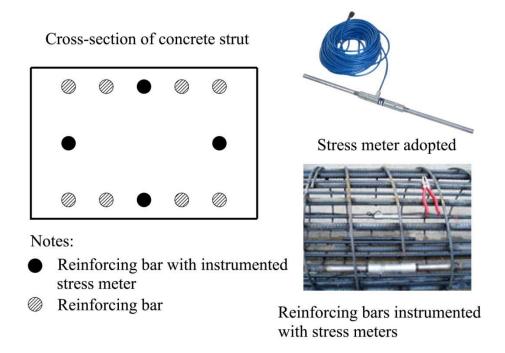


Fig. S7. Instrumentation of reinforced concrete strut for axial strut force.

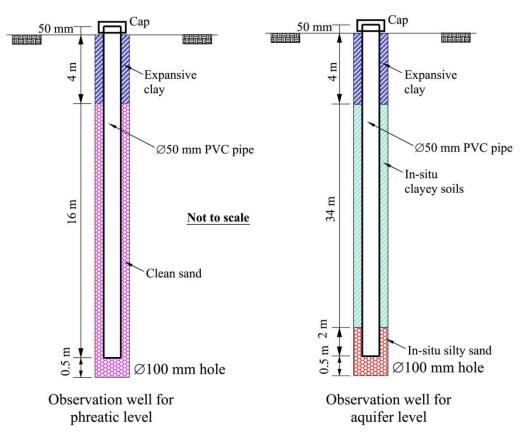
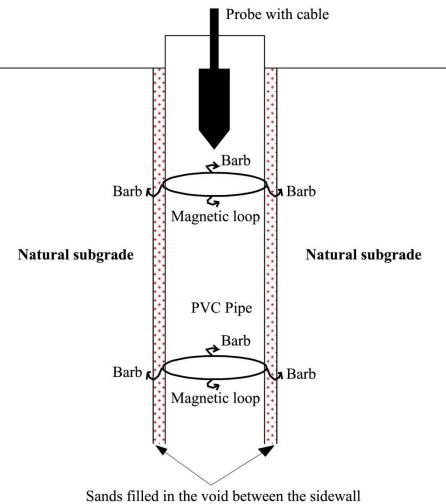
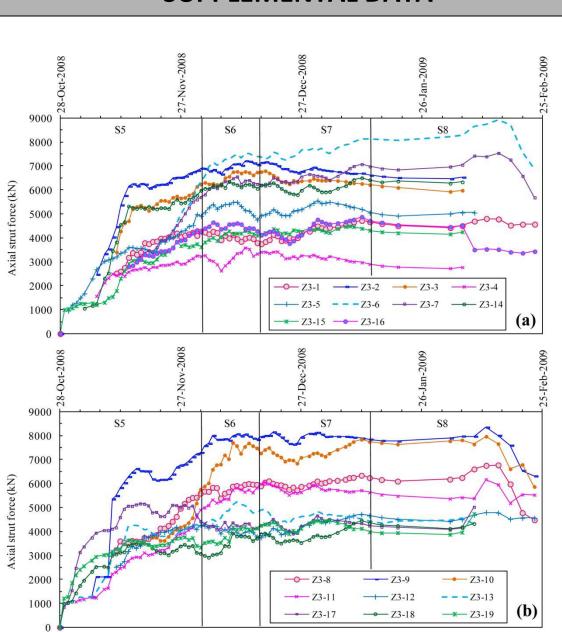


Fig. S8. Instrumentation for ground water levels.



of the borehole and the PVC pipe

Fig. S9. Instrumentation for measuring basal rebound.



#### Fig. S10. Development of axial strut forces at level 3: (a) diagonal struts; (b) normal struts.