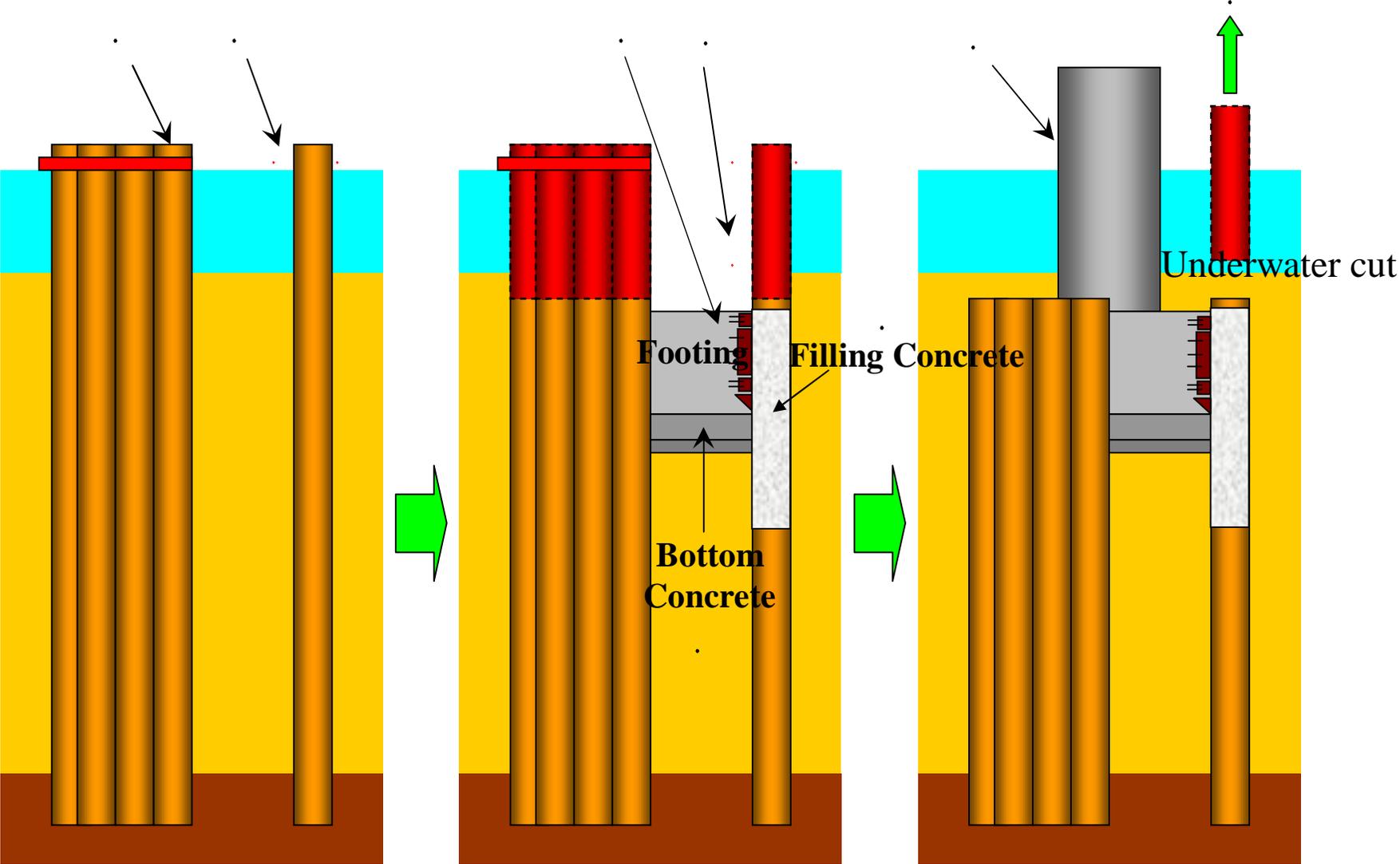
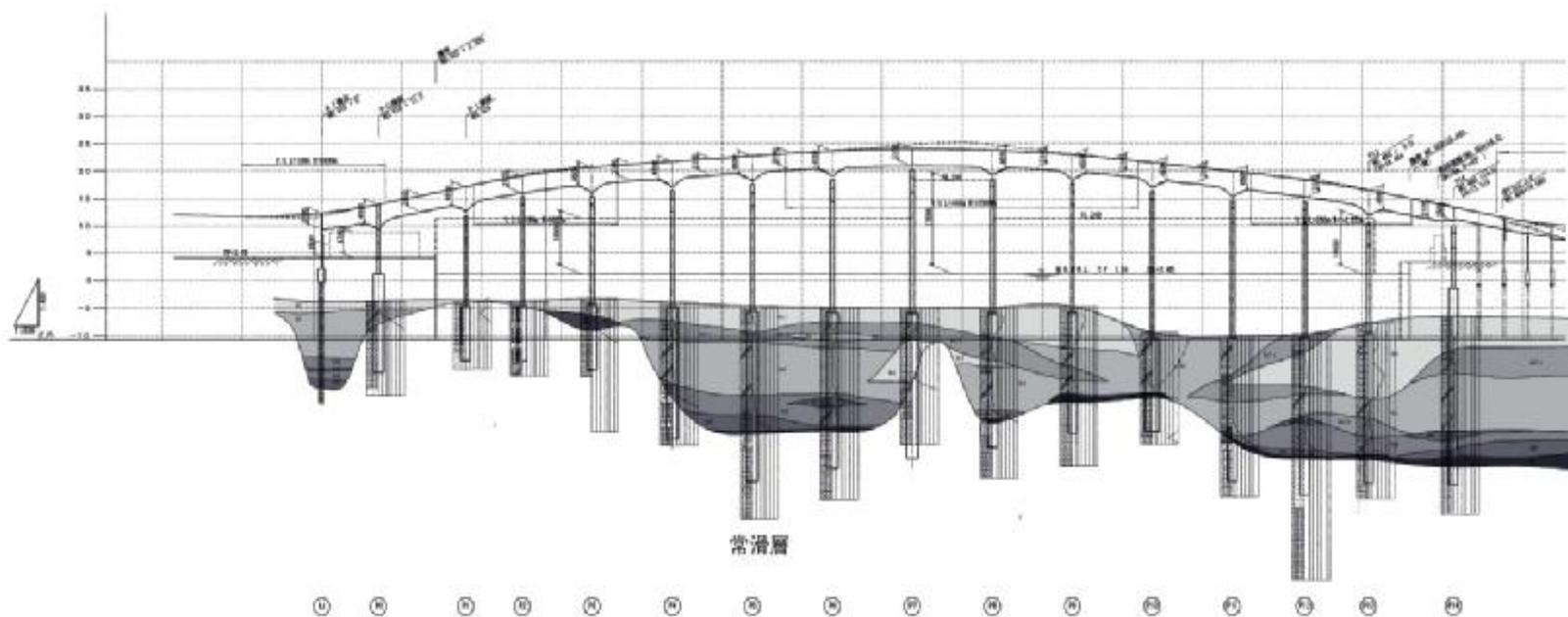


Construction Procedure





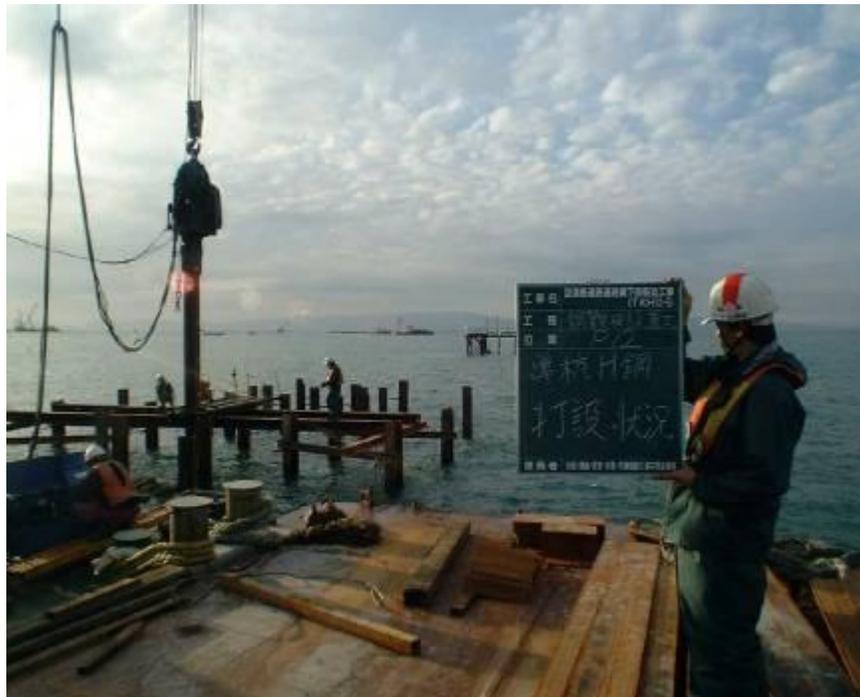
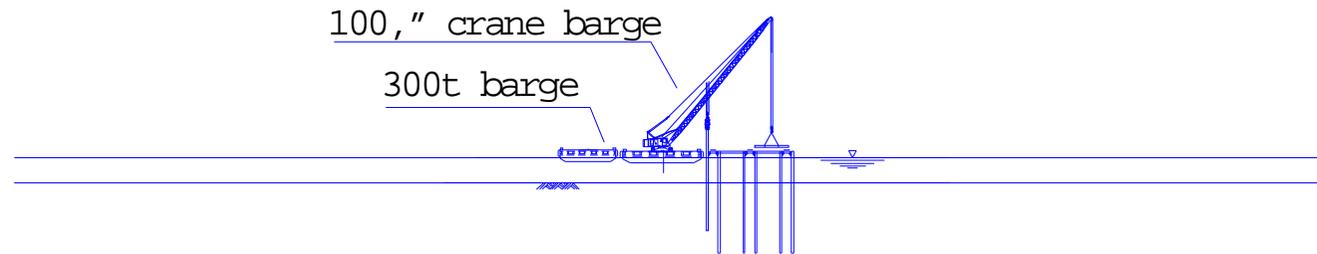
Construction Procedure of Steel Pipe Well Foundations

‡@

Installation of guide materials

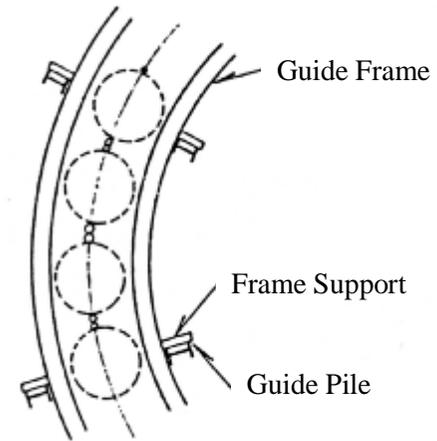
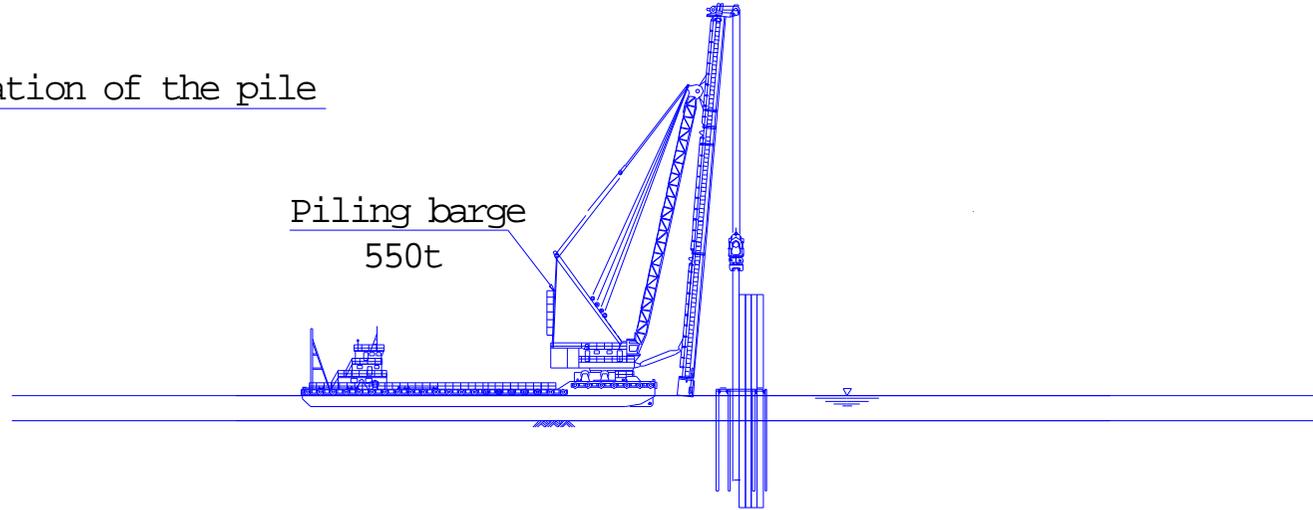
Guide pile driven by vibro-hammer

Installation of guide frame



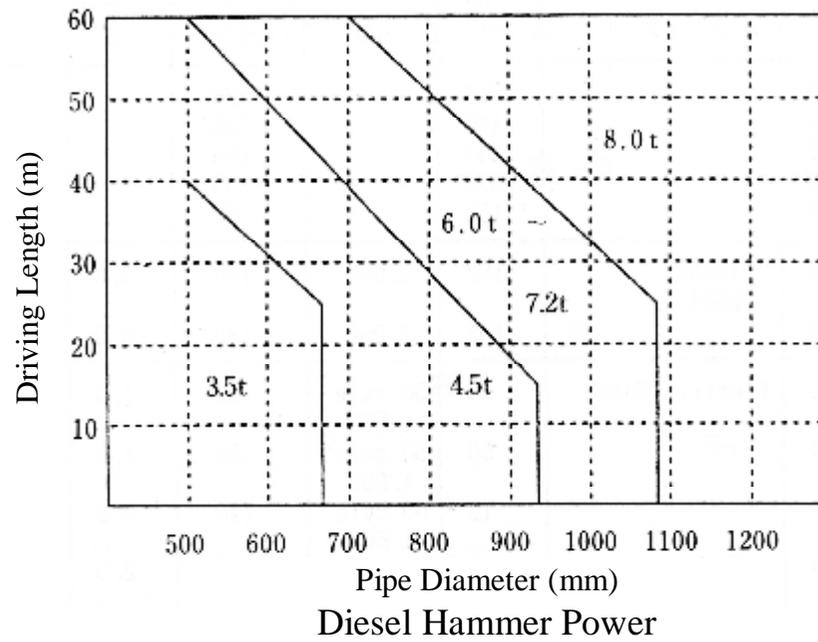
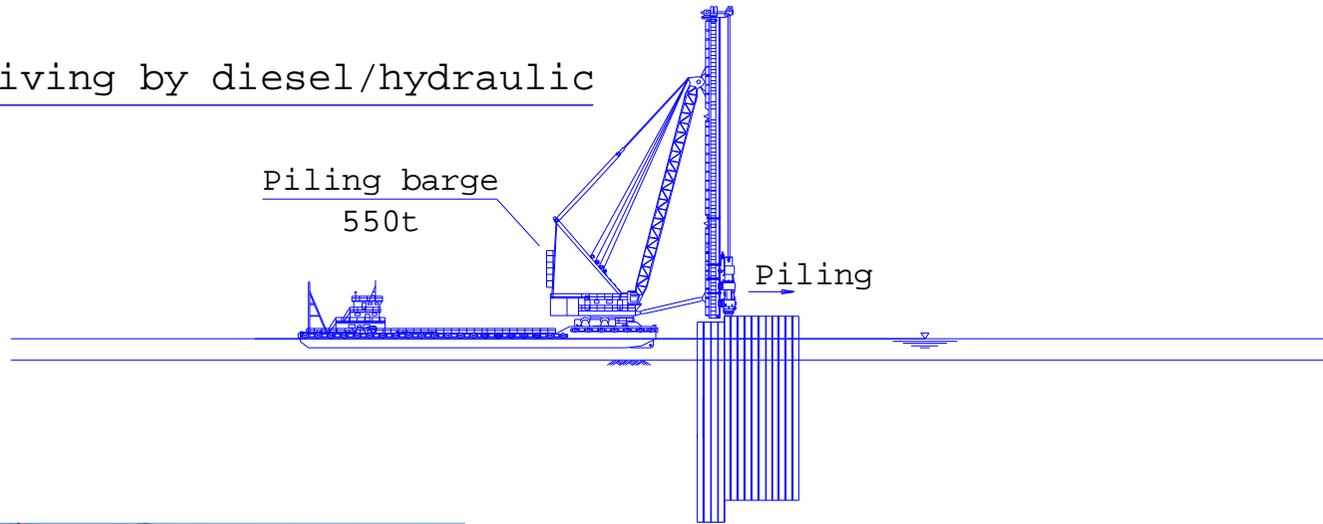
.-1.

Installation of the pile

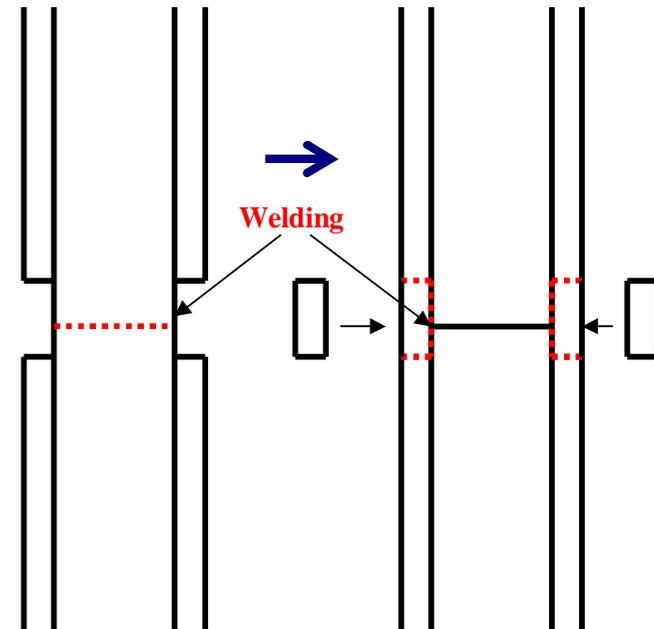
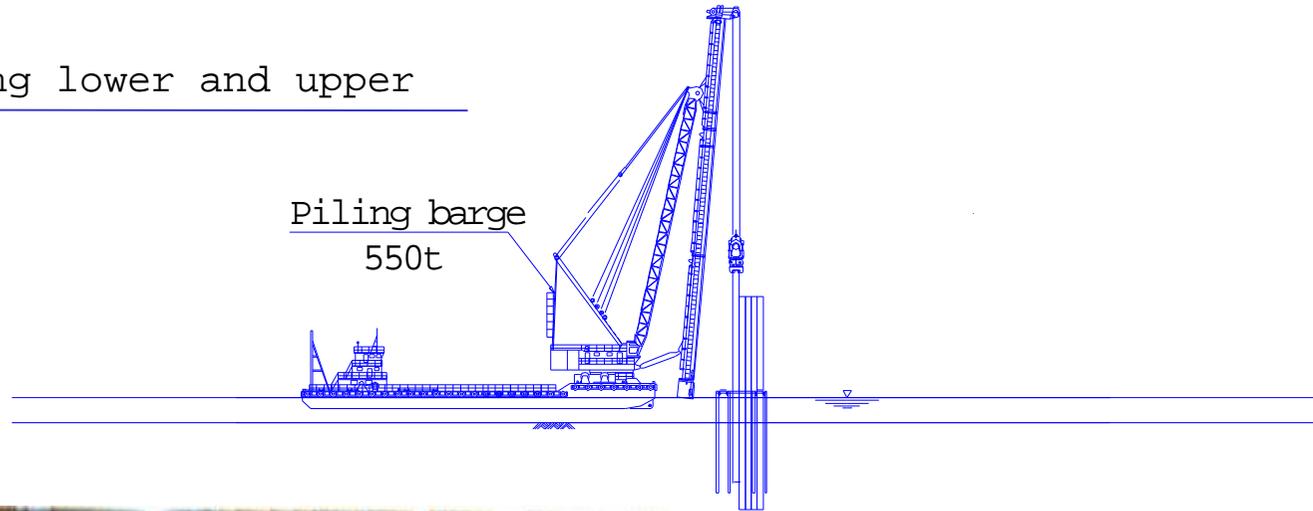


-2.

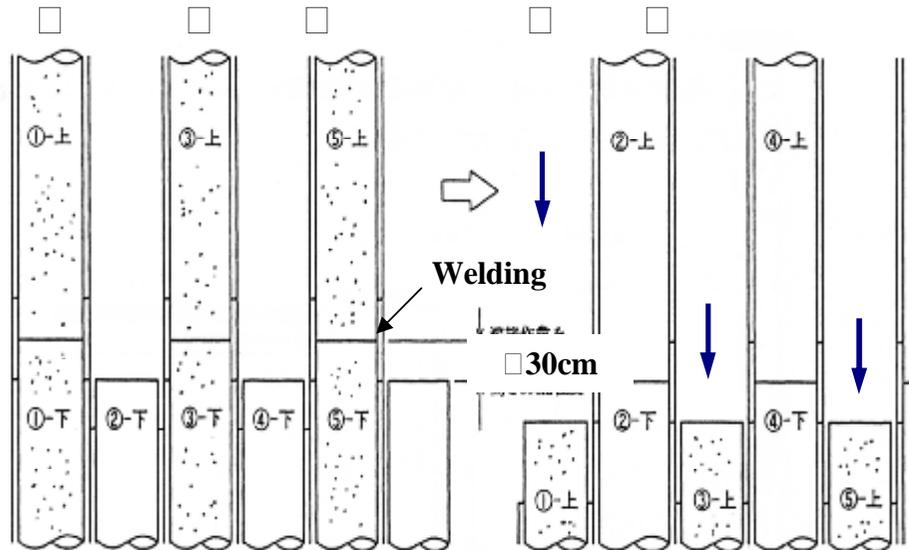
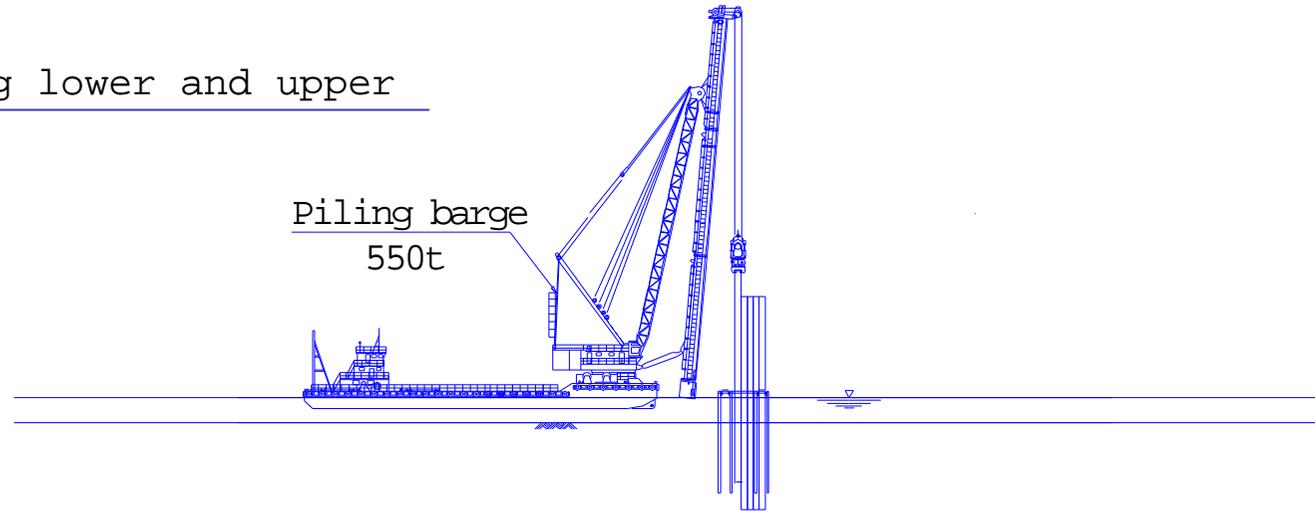
Pile driving by diesel/hydraulic hammer



.-3) Welding lower and upper pipes

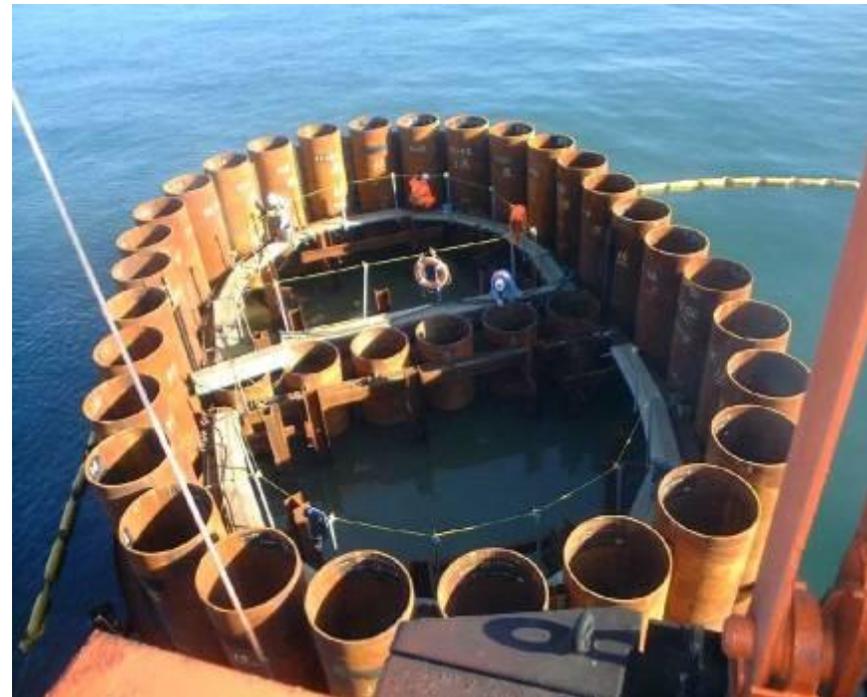
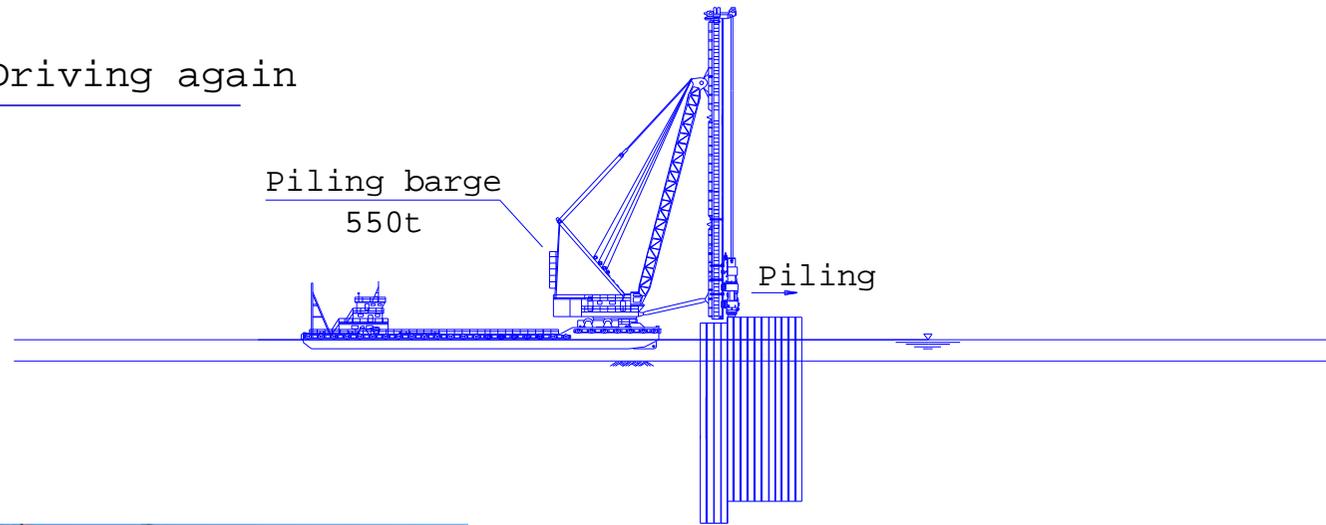


Welding lower and upper pipes

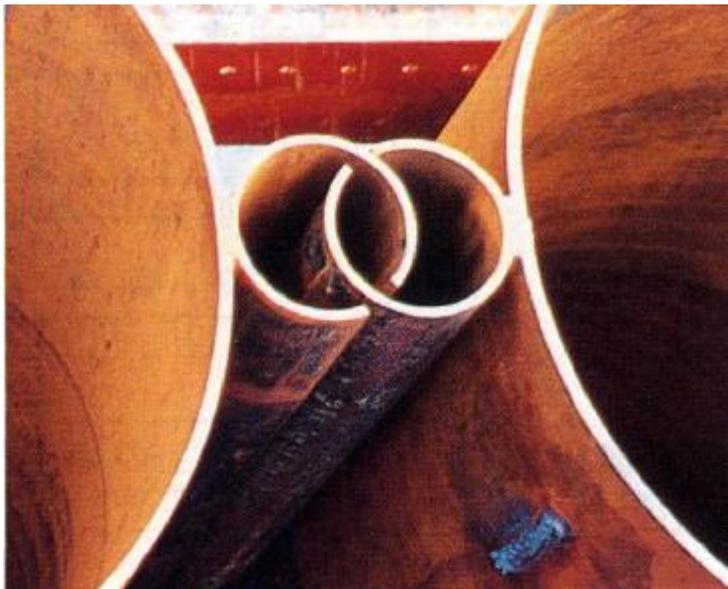


.-4)

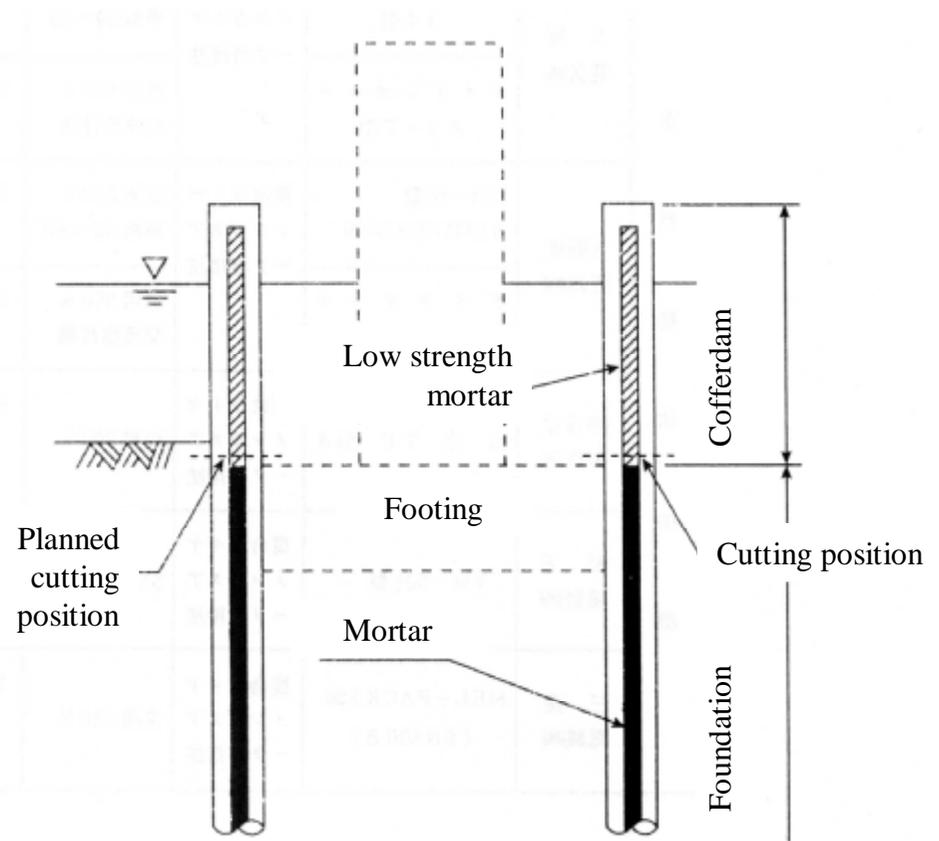
Pile Driving again



.-1) Remove soil out of joint pipes

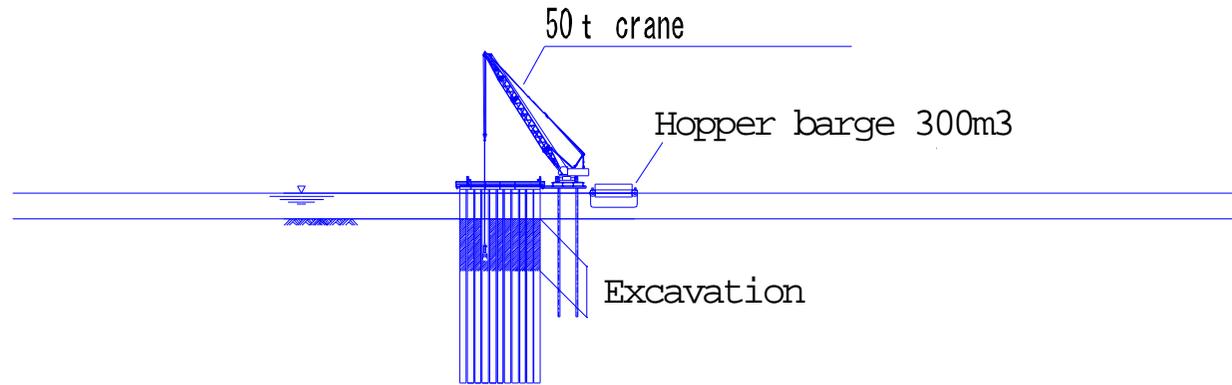


.-2) Fill joint pipes with mortar



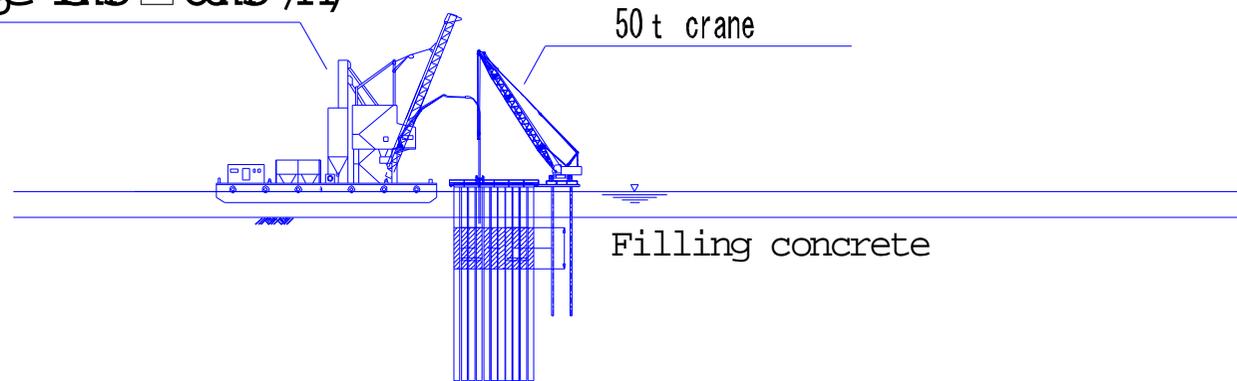
-3) Excavation of inside the steel-pipe sheet-pile

□ Excavation by hammer grab

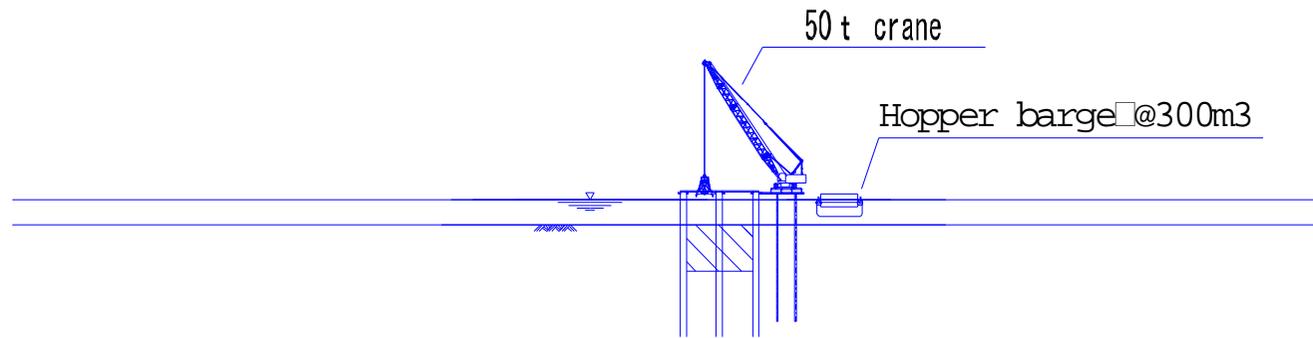


-4) Concrete placement into the pile

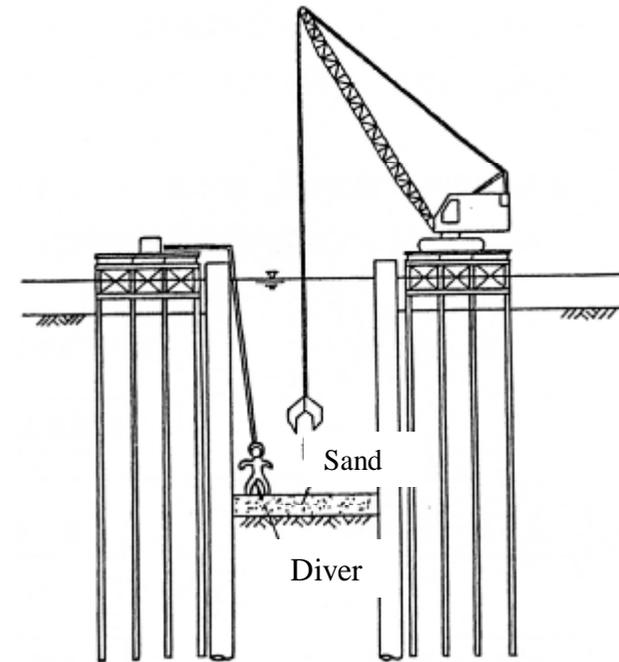
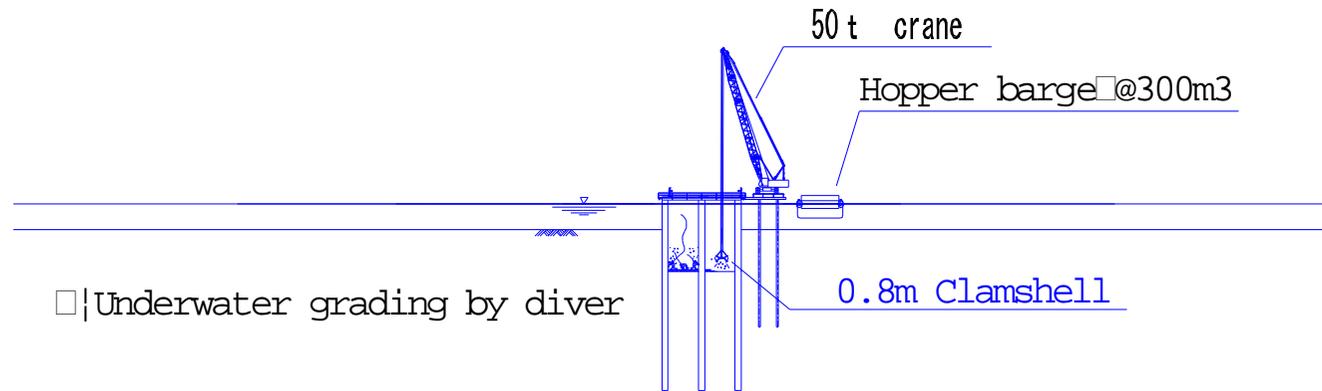
Concrete mixing barge 4m³ → 60m³ /h



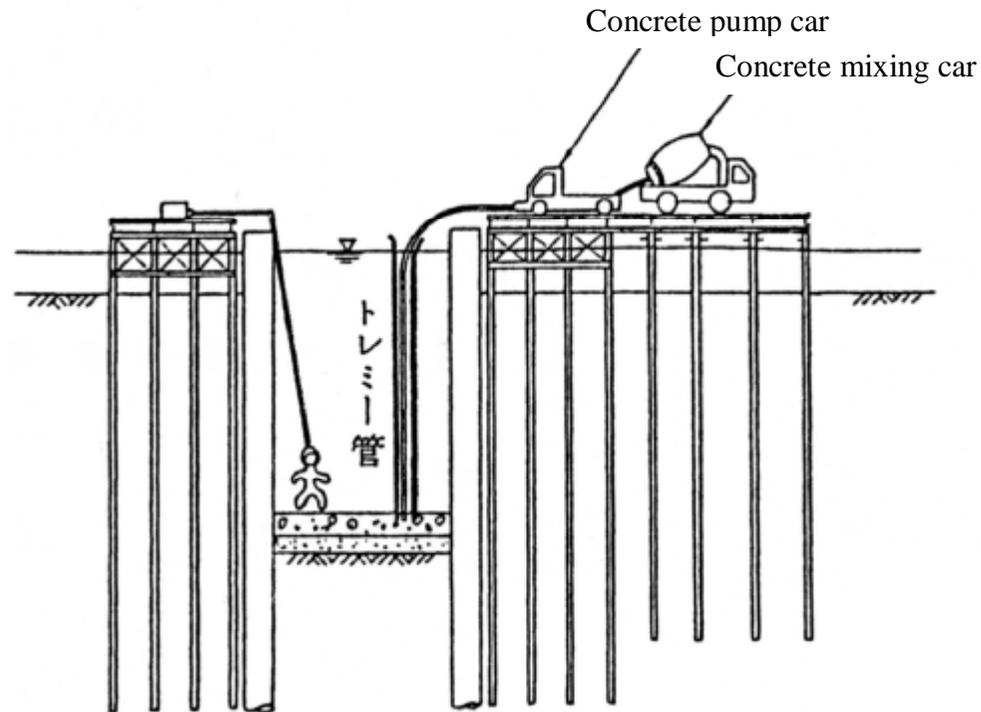
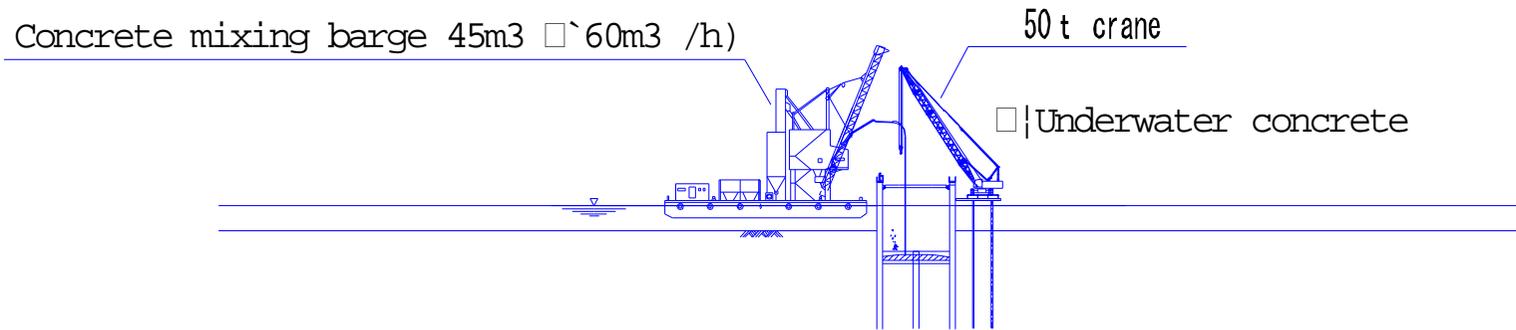
.-1) Excavation of cofferdam



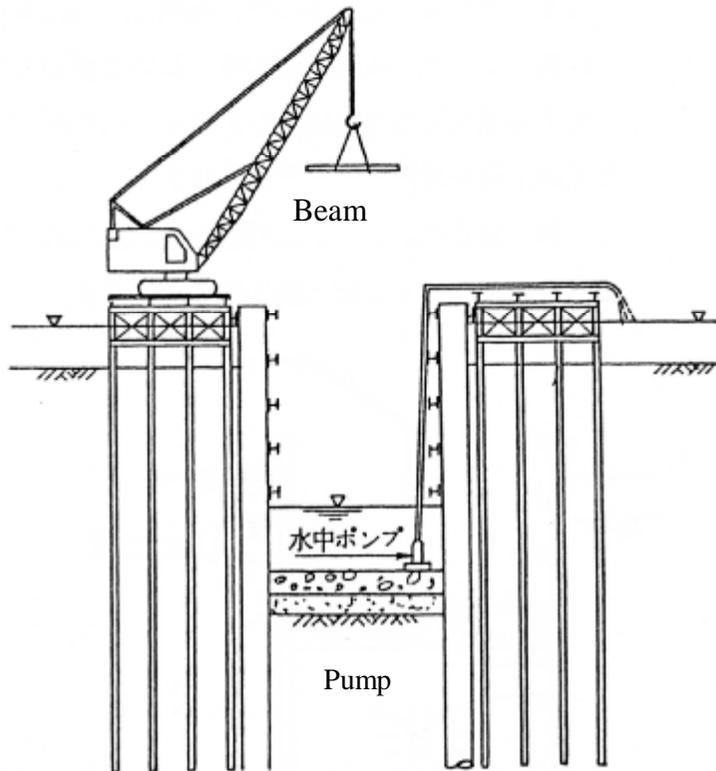
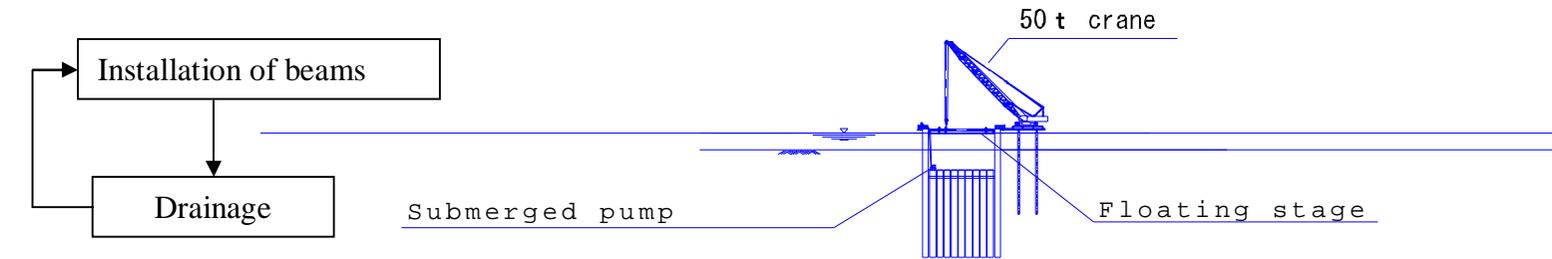
.-2) Laying sand



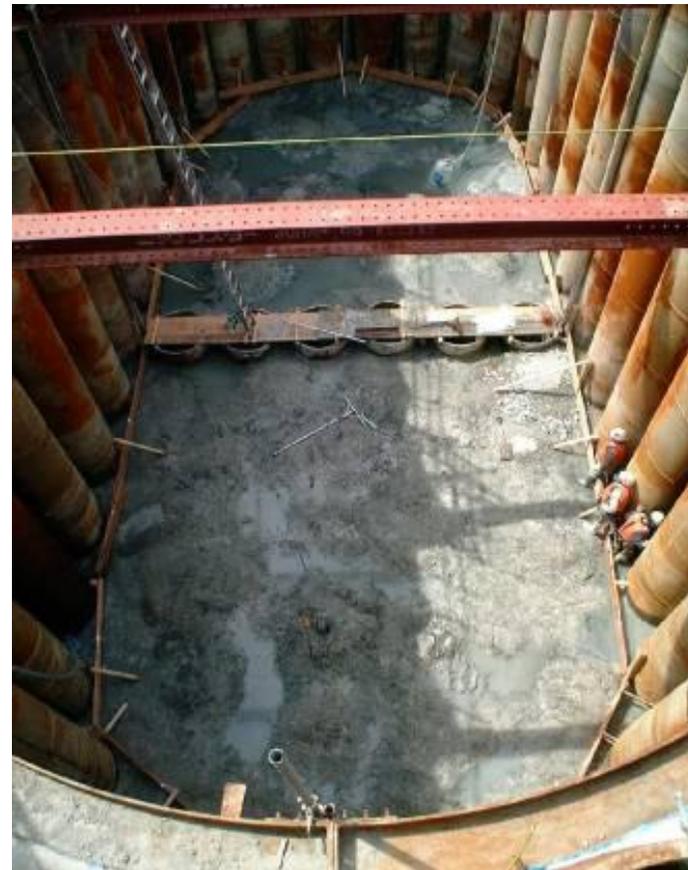
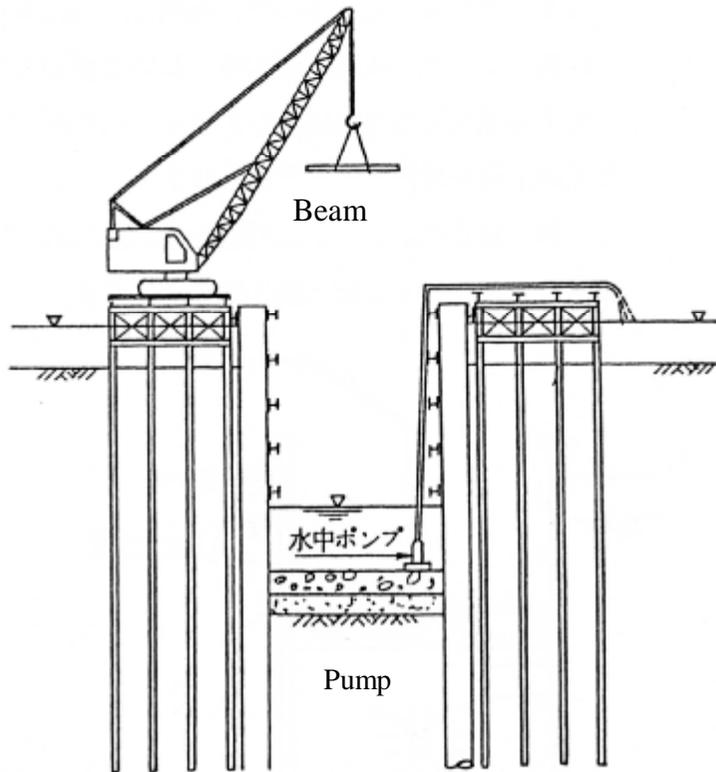
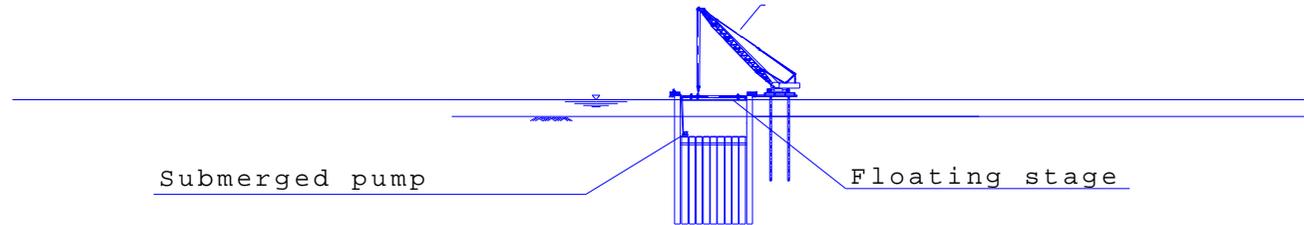
-3) Bottom concrete placement



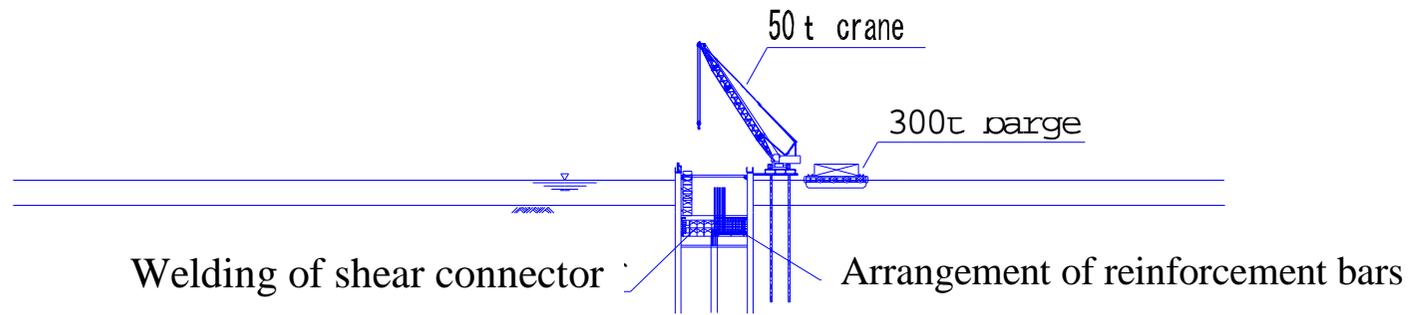
.-1) Installation of supporting beams



.-2) Pumping water up



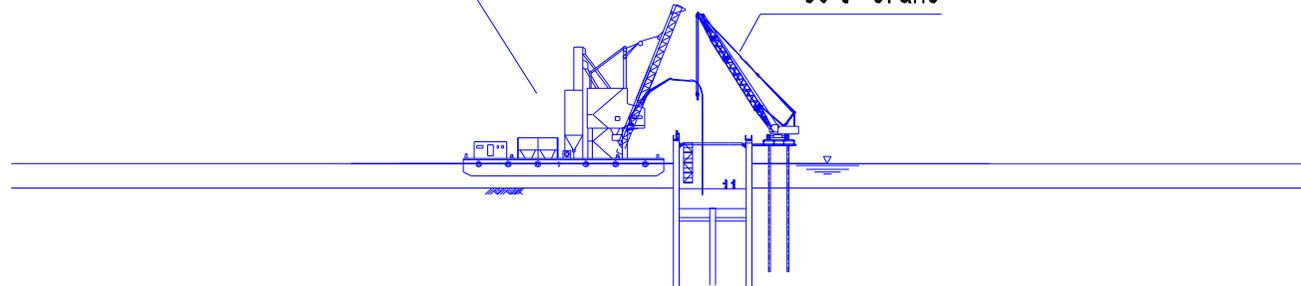
.-1) Footing works



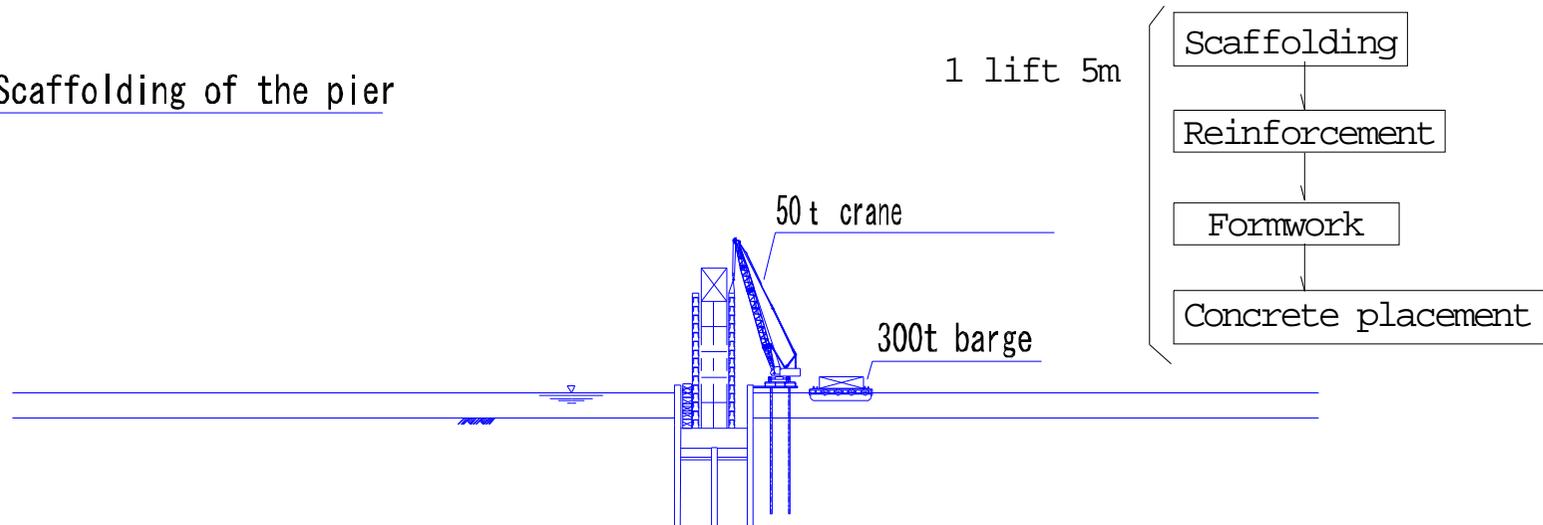
.-2) Concrete placement in the footing

Concrete mixing barge (45m³~60m³ /h)

50 t crane



.-1) Scaffolding of the pier



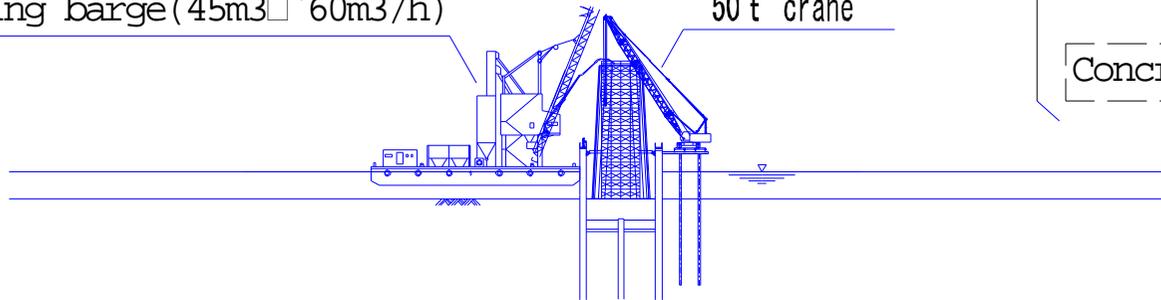
.-2)

Pier concrete placement

Concrete mixing barge (45m³~60m³/h)

50 t crane

1 lift(5m)



Scaffolding

Reinforcement

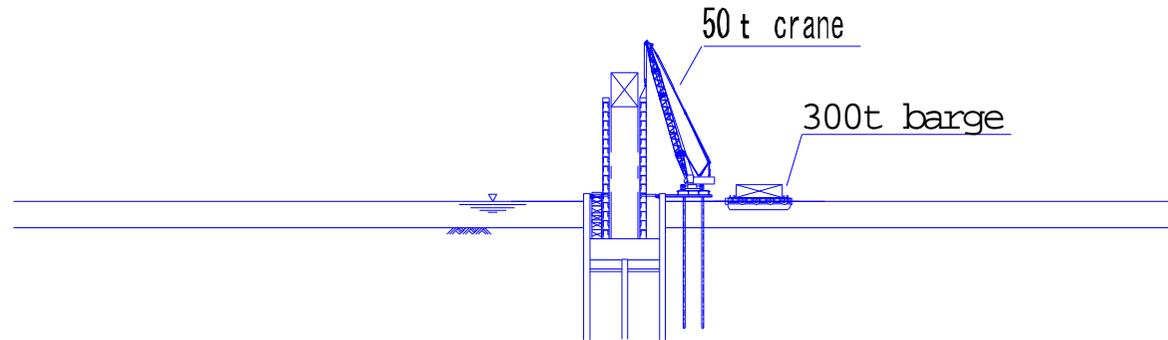
Formwork

Concrete placement



.-3)

Removal of scaffolding

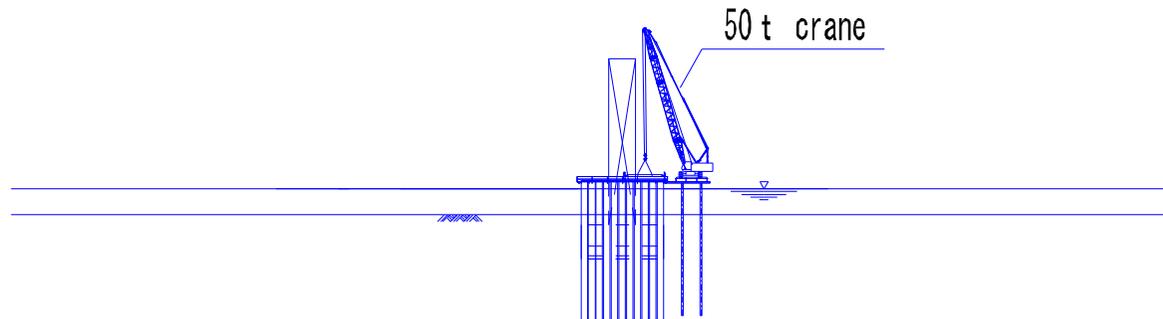


Removal of the supporting beams

Pouring water in the cofferdam



Removal of the supporting beams



Cutting and Removal of the piles for the cofferdam

