

# RAITO SOIL MIXING WALL

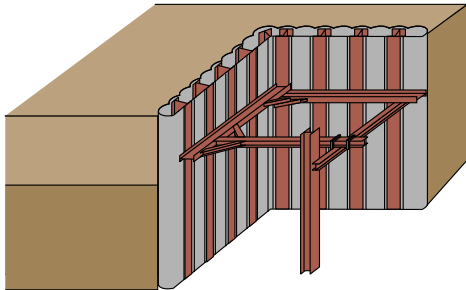


## General Description

RSW (Raito Soil Mixing Wall) is an in-situ soil-cement wall construction method where in-situ soil is mixed with a special slurry consisting of cement, water and other reagents.

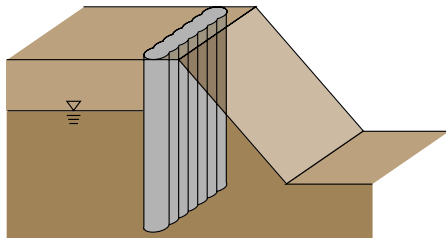
## Advantages

- Higher cutoff performance.
- Lower impact on the surrounding ground.
- Shorter construction period.
- Multi-purpose application.
- Low vibration, low noise construction.
- Less spoils are produced as compared to conventional diaphragm wall.
- Less wall strength is required due to H-section steel beams bearing the lateral loads.



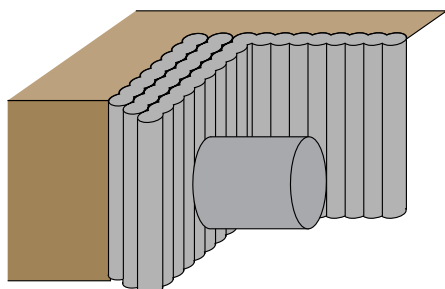
Steel H-piles or other reinforcing members are installed inside the soil-cement columns to resist the lateral forces.

## Excavation Support Wall



RSW method installs soil-cement wall, soil-bentonite wall, soil-clay-bentonite wall for use as barrier walls to contain groundwater or underground pollutants.

## Cutoff Wall

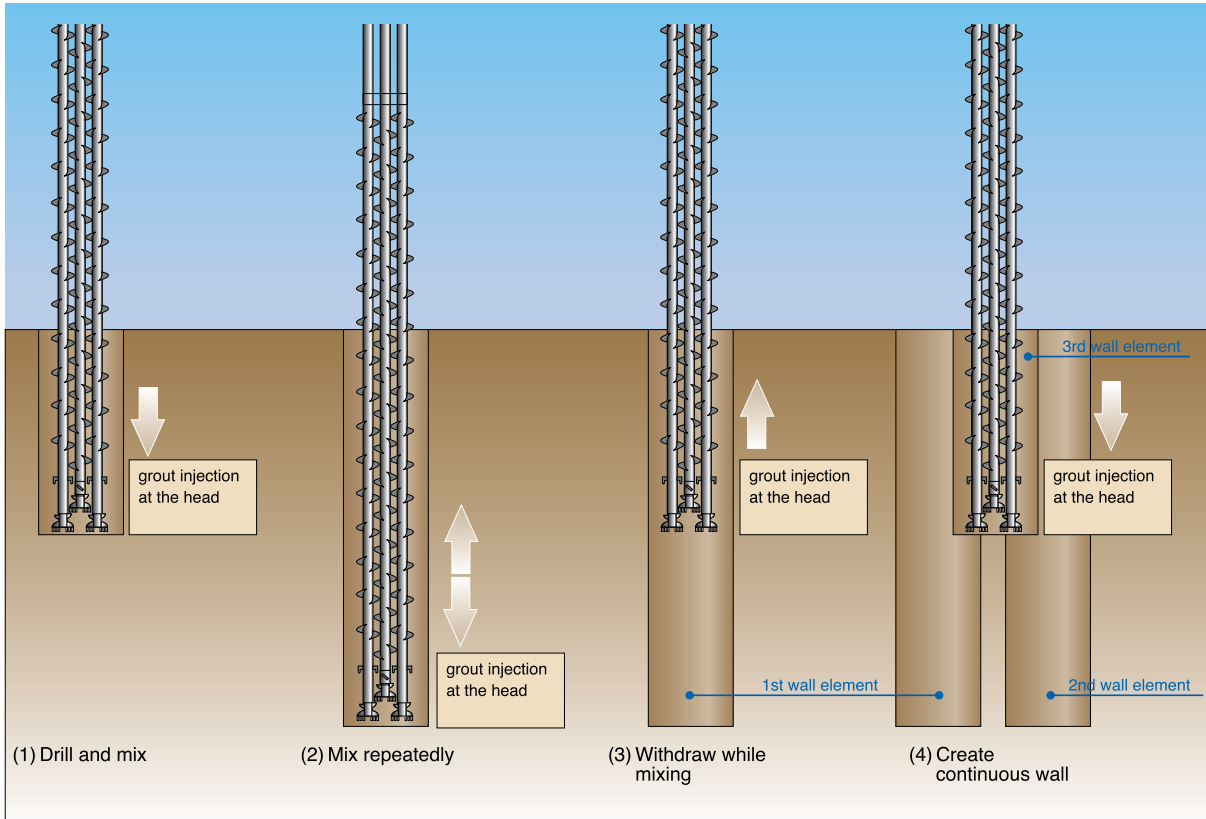


RSW method also installs soil-cement wall, grid, or block for ground stabilization or liquefaction prevention.

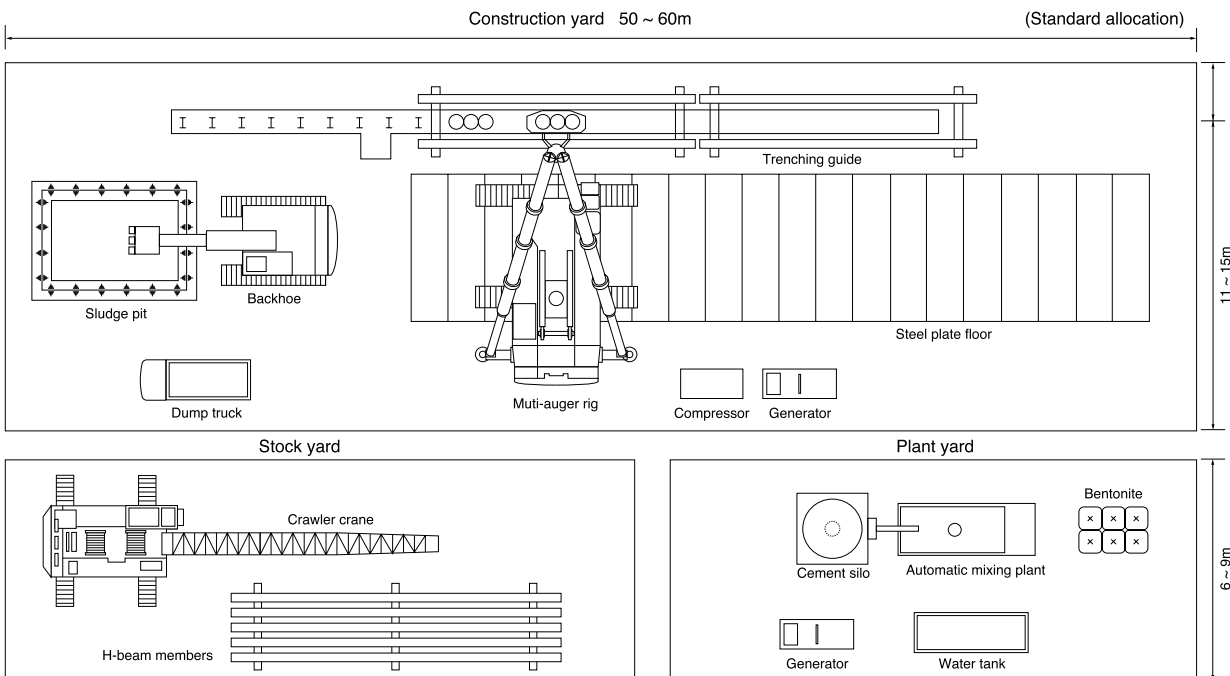
## Ground Reinforcement

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## Construction Process



## Work Space



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