

SOIL-VOLUME REDUCTION METHOD

ABSTRACT

Provided is a soil-volume reduction method capable of significantly reducing the volume of soil in comparison to conventional methods.

A soil-volume reduction method includes: rotating agitating blades 3 of a soil improving apparatus 1 to thereby agitate target soil 5 to a prescribed depth in a prescribed range and form a disturbed region 6 in the target soil 5; and then installing drains 7 in the target soil 5 and discharging water W in the target soil 5 out of the target soil 5 through the drains 7 to thereby increase the amount of consolidation of the target soil 5 and thus reduce the volume thereof.

[Selected Drawing] Fig. 1