

Asper Hageby

Kløfta

- Treatment of the soil to provide stabilization for excavation and support of the building foundation.
- Quantities: 7.194 pcs / 112.176m (Drilling) / 92.307m (Stabilized)
- Execution in close proximity to residential homes



The project

Asper Hageby is a new residential development project. It consists of the construction of 3 blocks of apartment buildings comprised of 133 units. The project is located in Kløfta , Ullensaker Kommune. Ground conditions consist of overconsolidated clays overlain by quick clay. Soil stabilization was required on the project to allow for excavation for the cellar and support of the building foundations.

The challenge

Several challenges were encountered on the project. Multiple contractors were on site at the same time working under separate clients. The project site also bordered the neighboring houses, with work as close as 5m to existing homes.

The solution

Having multiple contractors on site, working for different clients, could create a difficult working environment, but all parties met on a daily basis to discuss the sequencing of work and deliveries for the day. This prevented stops in the production and ensured the project could finish on schedule. Furthermore, working within several meters of existing homes created uncertainty with the neighbors. Working hours were limited as well as additional protective measures put in place to limit the spread of dust and material to owners' properties. At the end of production, the crew would review the condition of the properties to ensure it remained in the same condition prior to work starting.

Project facts

Owner(s)

Backe Romerike AS
Romerike Grunnboring AS

Keller business unit(s)

Keller Geoteknikk AS
Keller Grundläggning AB

Main contractor(s)

OBS

Engineer(s)

Contracting Project Manager:
Simen Holter
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Solutions

Bearing capacity / settlement control

Markets

Residential

Techniques

Dry soil mixing

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