

Årstafältet - Sheet Piles

Stockholm, Sweden

Execution of over 9000 square meters of permanent sheet piles up to 40m depth.
Execution of over 250 pieces of permanent anchors with up to 60m depth.
Monitoring of anchors with load cells.



The project

The Årstafältet project is currently one of the largest urban development project in Stockholm, Sweden. There will be over 6000 new homes for 15 000 new residents, in addition there will also be several preschools, three primary schools, sport halls and so on.

For the upcoming large development project, laying the foundation for the future infrastructure was necessary.

The project includes the creation of a recreational park covering an area of more than 30 hectares.

The challenge

Thick layer of moraine layers, considerably deeper bedrock levels than predicted, remains of wood were found in the area of the formal dam which was sank for the execution of the retaining wall of the new dam.

The solution

Keller with its vast experience in the domain came with suitable solutions to ensure execution without interruptions and eliminated time loss for the client.

Project facts

Owner(s)

City of Stockholm

Keller business unit(s)

Keller Grundläggning AB

Main contractor(s)

JV SVEAB AB

Solutions

Excavation support

Markets

Commercial

Techniques

Sheet piles

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