

Under Elmene & Leifsgade



SHORT DESCRIPTION

In Copenhagen, waterproof construction pits were created in the street area in the immediate vicinity of residential buildings for the new construction of the underground car parks “Under Elmene” and “Leifsgade”.

THE PROJECT

The overlapping bored pile walls of the approx. 14 m deep construction pits were partially secured against “pressing groundwater” with BBV strand anchors (11 strands, lengths of 27.00 m; test load 2.4 MN).

Approx. 300 BBV injection piles were required to secure the building floors against buoyancy.

FACTS

Location Copenhagen , Denmark

Status completed

Start of construction October 2008

Completion July 2009

SERVICES

Excavation pits



<https://www.bbv-systems.com/en/projects/detail/ref/under-elmene-leifsgade/>

Creation: 24.04.2025 18:40