Implenia

Reference

Stettlen, Schwandihof WL









SHORT DESCRIPTION

With the "Schwandihof property", Bernapark AG created a new quarter on an old farm site, which combines living, work and leisure in one place. We carried out the civil engineering work for this project. These were carried out in various stages.

THE PROJECT

First, exploratory excavations were carried out to determine the location of the existing utility lines. This was followed by excavation work for the district heating, water, wastewater and electrical lines. In some cases, this required the prior demolition of pavement or concrete slabs as well as underground concrete walls and sewers. Where necessary, trenching was used. Pipeline construction also included the construction of various manholes (ES, KS and SS) with DN up to 1.0m, as well as the connection to existing pipelines and the insertion into the buildings. The latter was done by means of core drilling where necessary. Finally, the pipes were encased and the trenches filled and compacted. Inside the building, the pipelines for various media were installed.

SERVICES IN DETAIL

- Earthworks
- Construction of utility lines
- Sewer construction
- In-situ concrete construction

CHALLENGES

- Execution in stages under very tight space conditions
- Coordination with other contractors on the site
- Existing utility lines / foundations in the excavation area
- Pipeline construction for district heating, water and wastewater within existing buildings Buildings

FURTHER INFORMATION

Execution as sole contractor

Implenia Switzerland Ltd, Construction Switzerland CH-3000 Berne 14

FACTS

Location	Bern , Switzerland
Status	completed
Construction volume (value of our services)	309 M CHF
Start of construction	June 2022
Completion	December 2022
Building owner	Bernapark AG
Construction management	Graphit Group AG
Construction management	Graphit Group AG

SERVICES

Earthworks

Construction of drains and service lines