Implenia

Reference

U-Bahn Betriebswerkstatt Billstedt





SHORT DESCRIPTION

Construction of a subway maintenance workshop and washing hall: Industrial construction with in-situ concrete and precast reinforced concrete elements.

THE PROJECT

Construction of a three-storey workshop building made from reinforced concrete, with dimensions 33 metres x 132 metres. The building project also includes construction of the foundations for a washing hall with dimensions 7.5 metres x 130 metres. Both buildings are constructed using a combination of in-situ concrete and precast reinforced concrete elements.

SERVICES IN DETAIL

Earthworks, installation work, water drainage, reinforced concrete work, concrete core activation, earthing and lightning protection systems, track drainage, 1,800 precast reinforced concrete elements.

CHALLENGES

The challenge here lay in completing the construction work on the central ‘island’ between two tracks with railway services still running.

FACTS

Location	Legienstraße / Ecke Helma-Steinbach-Weg , Hamburg , Germany

Status	completed
Construction volume (value of our services)	6.94 M EUR
Start of construction	July 2017
Completion	November 2018
Contracting entity	Hamburger Hochbahn AG, Hamburg
Project management	Hamburger Hochbahn AG, Hamburg
Planning	Spiekermann GmbH Consulting Engineers, Düsseldorf
Concrete volume	8000 m^3
Reinforcement	1500 to

SERVICES

- Concrete construction
- Industrial construction
- Rail transport infrastructure