



New office complex ATLAS, Munich

Data and facts

Company	PORR Spezialtiefbau GmbH
Type	Turnkey construction pits, Foundations
Runtime	09.2016 - 02.2017
Principal	Art-Invest

[Project report online](#)

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Baugrubensicherung & Pfahlgründung

The beams as well as the timber infill are removed and dismantled. The remaining shoring remains anchored back into the subsoil in a single layer. On the eastern side of the construction pit, the neighbouring structure was secured using VdW twin piles (406 mm) and temporary anchors. The pile pairs will be used for load transfer in the final state. In some cases, existing walls had to be underpinned using jet grouting, as their foundation base is higher than the planned excavation base.

The subsoil consists of several metres of backfill material, followed by underlying gravel soils that extend to a depth of around 17 metres. The groundwater is well below the construction pits and therefore has no influence on the shoring.

Some unforeseen existing situations could only be identified after the demolition work had been completed and led to short-term adaptations and changes to the course of the work.

Impressions



Image notes

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The construction pit enclosure is necessary due to the confined space conditions and the boundary development.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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