



# Munich

## Construction pit and jet-grouted underpinning for lot L137

### Data and facts

Company	PORR Spezialtiefbau GmbH
Type	Turnkey construction pits
Runtime	06.2022 - 09.2022
Principal	Lang Lang Lang GbR, Munich

[Project report online](#)

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# Produced using vibration-free, low-noise methods

## Every inch of usable space counts

A modern residential and commercial building with subtle façade greening will replace a three-storey mansard roof building between two existing buildings. The building height has been brought into line with that of the neighbouring buildings to create a harmonious overall impression. “Building land is at a premium in Munich’s West End, so it was important to make use of every centimetre when creating the construction pit,” says project manager Daniel Mayer.

## Processes in line with the DGNB guidelines for sustainable building sites

Like every inner-city construction project, the construction pit for lot L137 presented its own unique challenges: particular attention had to be paid to fixtures embedded in the ground during the excavation and specialist civil engineering work. The site set-up area was only 30 m<sup>2</sup>, which made organising the construction process especially tricky. The team used only small, compact equipment. “We also regularly reviewed our processes to see if they were in line with the DGNB certification for sustainable building sites. We kept disruption to local residents to a minimum by using methods that generate low noise and zero vibrations,” adds Mayer.

## Impressions



## Image notes

1

Construction pit and jet-grouted underpinning for lot L137, Munich

During the excavation and special civil engineering work, attention had to be paid at all times to installations in the ground.

2

Excavation pit and DSV underpinning for L137, Munich

On behalf of Lang Lang Objekte und Projekte, PORR Spezialtiefbau constructed a 500 m<sup>2</sup> large and 5.2 m deep excavation pit in a gap between buildings at Landsberger Straße 137.

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

**PORR AG Group Communications**

Absberggasse 47

1100 Wien

T +43 50 626-0

E-Mail: [comms@porr-group.com](mailto:comms@porr-group.com)