Ersatzneubau Tokeh







SHORT DESCRIPTION

For the replacement TOKEH building, a new morphological building type was generated that combines the two row buildings (longitudinal and transverse to the slope) prevalent in the neighborhood into a cruciform floor plan.

THE PROJECT

Two cross floor plans each grow together. The buildings are designed in timber construction on a solid base. The exterior walls and individual interior walls are planned as load-bearing timber stud walls. The ceilings are made of cross laminated timber.

SERVICES IN DETAIL

- New construction of parking garage, double kindergarten, housing construction.
- Reinforced concrete, masonry, elements, sewerage with jacking, etc.

CHALLENGES

- Complex formwork details in base floors and staircases.
- Staircase cores in type 2+.
- Challenging interplay between moving the precast concrete elements and timber construction assembly.
- Complex procedures for backfilling and external drainage work due to the slope.
- Constantly changing situations regarding work safety, due to slope and concrete/wood construction.
- Deadlines were met on time.

FURTHER INFORMATION

Key data

Use	Residential space, municipal double kindergarten
Project start	04 / 2022
Completion	01 / 2025
Construction sum	CHF 7.63 million
Formwork	26'000 m^2
Reinforcement	695 t
Concrete	5'100 m^3
masonry	250 m^2
Round gravel	5'300 m^3

Source aerial photos: Nelio Ronner

FACTS

Location	Rötelstrasse 94, Zürich , Switzerland
Status	Under construction
Construction volume (value of our services)	7.63 M CHF
Start of construction	April 2022
Completion	January 2025
Building owner	Baugenossenschaft Vrenelisgärtli, 8057 Zürich
Architect	Baumann Roserens Architekten, 8005 Zürich
Civil engineer	dsp Bauingenieure, Uster

SERVICES

Master building work

https://implenia.com/en/references/detail/ref/ersatzneubau-tokeh/

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