

Pavillon Stadtpark, Uster

2024



Cleverly designed | sustainably built. Timbatec contributed its expertise in timber structural engineering, L-bracket optimisation and construction details – with a focus on circular economy and minimal use of fasteners.

The project

The new pavilion provides Uster City Park with an attractive meeting place. The new building is located in the extended part of the park near the retirement home and meets the needs of the growing population. As a covered shelter, the pavilion offers protection from the weather and invites visitors to linger – whether for a short break in the greenery, a spontaneous meeting, or small events. The open, inviting architecture encourages encounters and creates a place of tranquility and community in the middle of the city. This makes the city park even more versatile and further enhances its quality as a place to spend time.

The construction method

The pavilion was designed to be consistently sustainable—completely without new concrete. Instead, used concrete slabs from the former runway of Zurich Airport were reused. This saved around 100 kg of CO₂ per ton of concrete. The entire wooden structure is designed to be recyclable – from individual components to the entire pavilion structure, all parts can be dismantled and rebuilt at another location.

The challenge

Timbatec Holzbauingenieure Schweiz AG was able to contribute its expertise in the areas of statics and construction, optimizing the L-supports and construction details. This was done with particular consideration given to dismantling and reuse with minimal use of fasteners.



Wooden terrace decking laid in a hexagon pattern



Roof soffit on cross-laminated timber with purlins converging in the center

Construction Data

- Height from eaves to top of wooden floor: 3.95 m
- Total height from ground level: 5.50 m
- Total wooden platform area: 78 m²
- Floor plan: Hexagon | 6-sided

Services of Timbatec

- SIA Phase 32 Construction project
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Execution project
- SIA Phase 52 Execution



View of corner posts including beam connections

Architect

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Photography

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Client

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