B&O wooden multi-storey car park, Bad Aibling

HK ARCHITEKTEN
Hermann Kaufmann + Partner ZT GmbH

Project Information

Client
B&O Parkgelände GmbH

Location
Bad Aibling

Finalisation
2022

Project Facts
NRF 2.204 m^2
BGF 2.332,91 m^2
BRI 7.135,98 m^3

Parking in the park

An innovative mixed-use district is growing in the north of the Upper Bavarian town of Bad Aibling. It is designed to be emission-free and built entirely from renewable raw materials. This multi-storey car park is made primarily of wood, with the load-bearing elements constructed from beech, glulam and cross-laminated timber. The translucent, two-storey pavilion blends unobtrusively into the park landscape lined with old trees. It extends as an additional longitudinal structure along the main traffic artery. A sculpturally designed concrete ramp, and the filigree steel staircase opposite, contrast the stringent material concept. The mastic asphalt road surface extends into the interior as a protective layer, where slender slats filter the light and act as fall protection.

»We created an open structure for permeability, brightness and for the users' sense of security. The challenge of the planning was to predict the movement behaviour as well as the swelling and shrinkage behaviour of the wooden beams. Problem solving at its best.«
Andreas Ströhle M.Sc.

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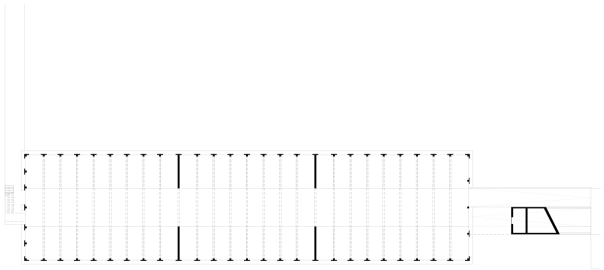

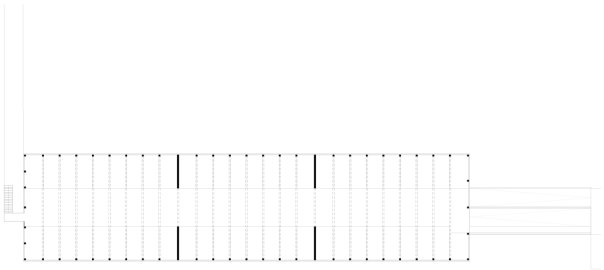

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Project Stakeholders

Project Leader
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Project Stakeholders

Structural Engineering
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Donbirn

Landscape Planning
Sabine Schwarzmann & Jochen
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Fire Protection Planning
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Drainage Planning
Weisser PartG mbB, Bad Aibling

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