

Renovation of Hörnli restaurant, Baden

2024



In the run-up to the architectural contract for the restoration of the medieval building “Zum Gelbhorn” in the spa district of Baden, the canton of Aargau ordered a thorough archaeological investigation of the building. This revealed a history of over 400 years.

The project

Prior to awarding the architectural contract for the restoration of the medieval building “Zum Gelbhorn” in the spa district of Baden, the canton of Aargau ordered a thorough archaeological investigation of the building. This revealed that the building had a history stretching back over 400 years. Analysis of dendrochronological samples dated the oldest wooden beams to 1558. After several renovations, the building had to undergo a complete refurbishment. Many of the existing floor slabs and all of the installations had to be renewed or replaced.

The construction method

The building was constructed using the methods typical of the period, with walls made of quarry stone and floors supported by wooden beams. The attic, a horizontal truss, was constructed entirely of wood.

The challenge

All floor slabs showed significant defects due to repeated modifications and had to be reinforced, extended, or modified. A supporting structure that meets today's requirements had to be installed in the existing, winding building.



Services of Timbatec

- SIA Phase 51 Implementation project
- SIA Phase 52 Execution
- SIA Phase 53 Commissioning
- SIA Phase 41 Tendering and bid comparison
- SIA Phase 32 Construction project
- SIA Phase 31 Preliminary design
- SIA Phase 21 Structural review
- SIA Phase 11 Condition analysis
- Statics and construction
- Specialist planning fire protection
- Fire protection Quality assurance QSS2
- Cost estimate
- Construction management and site inspections

Architect

Zweifel Architekt
8002 Zürich

Timber construction

Meier Zimmerei AG
5304 Endingen

Photography

Zweifel Architekt
8002 Zürich