

Replacement new building Murmeli, Hasliberg-Wasserwendi

2010



In the beautiful Hasliberg stands a replacement new building, a multi-family house with eight apartments over 3 floors.

The project

The replacement building Murmeli of the Haslizentrum in Hasliberg Wasserwendi was to replace the existing two-story hotel building. A new three-story wooden building with 8 apartments on 3 floors was created.

The construction method

The new wooden building was placed on the existing basement (solid construction). The existing staircase (also solid construction) was retained. The floor slabs were made of hollow box elements, walls and roof were prefabricated in timber frame construction. A slate eternite was chosen for the roofing.

The challenge

Clearly - fire protection. Building a hotel out of wood is normally not allowed. In cooperation with the fire protection authorities, a structural fire protection concept was drawn up, on the basis of which an exemption permit could be issued. According to the requirements, a fire resistance of 60 minutes had to be achieved. The planning and execution were subject to quality assurance level Q4, which requires the supervision of a fire protection engineer.



Previous building



Support anchor



Shell of the building



East view

Construction Data

- Roof area 470 m²
- Formwork 360 m²

Services of Timbatec

- SIA phase 31 preliminary project
- Cost estimate
- SIA Phase 32 Construction project
- Structural analysis and design
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- Site supervision and site inspections

Timber construction contractor

Holzbautechnik Burch AG
6060 Sarnen

Architect

Imhof Architekten
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Client

Swiss National Bank
8022 Zurich

Timber construction engineers

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