

Avellana residential development, Schwamendingen

2012



Due to difficult space conditions and expensive soil, the new building was optimally adapted to the plot boundaries. This resulted in the elongated body of the new building, which nestles on the slope.

The project

The housing cooperative Wogeno realized the residential development "Avellana" in Schwamendingen on a narrow, long plot with a slight slope, consisting of a new building and a replacement building in place of a barn. The realized project emerged from a competition. A total of 17 new, extremely attractive residential units were created in the two buildings.

The construction

The new building is constructed in timber throughout from the floor slab onwards - with the exception of the curtain-type balconies in steel construction. The new replacement building for the barn had to be constructed again in the same volume for reasons of monument preservation. Thus, the first floor was realized in solid construction, the two upper floors in timber construction.

The challenge

Due to the difficult space situation and expensive soil conditions, the new building was adapted as optimally as possible to the plot boundaries. This resulted in the elongated structure of the new building, which meanders somewhat up the slope. This special geometry presented the project team with many challenges during the planning and execution phases.



Living room view towards dining room/kitchen



Dining room/kitchen view towards living room

Construction Data

- Structural timber BSH/RBK: 150 m³
- Laminated boards: 3'400 m²
- gypsum fiberboards: 2'400 m²
- wood fiber boards: 1'000 m²

Services of Timbatec

- SIA phase 31 preliminary project
- cost estimate
- Structural analysis and design
- SIA Phase 32 Construction project
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- Works planning 3D and 2D
- Site supervision and site inspections

Contractor

Burkart AG tilegno
5644 Auw

Architect

EMI Architekten AG
8004 Zurich

Client

Wogeno
8004 Zurich