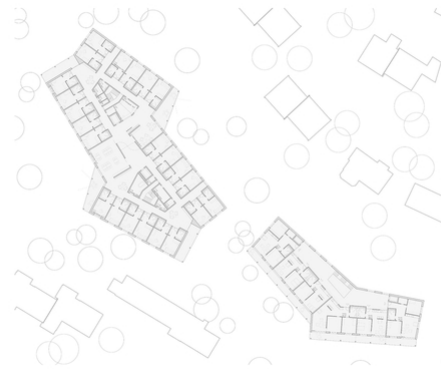


Nursing home Wier, Ebnat-Kappel

2023



The new building of the Wier nursing home in Ebnat-Kappel is designed as a hybrid construction. All the wood used comes from the surrounding communities of Ebnat-Kappel. This required good coordination.

The project

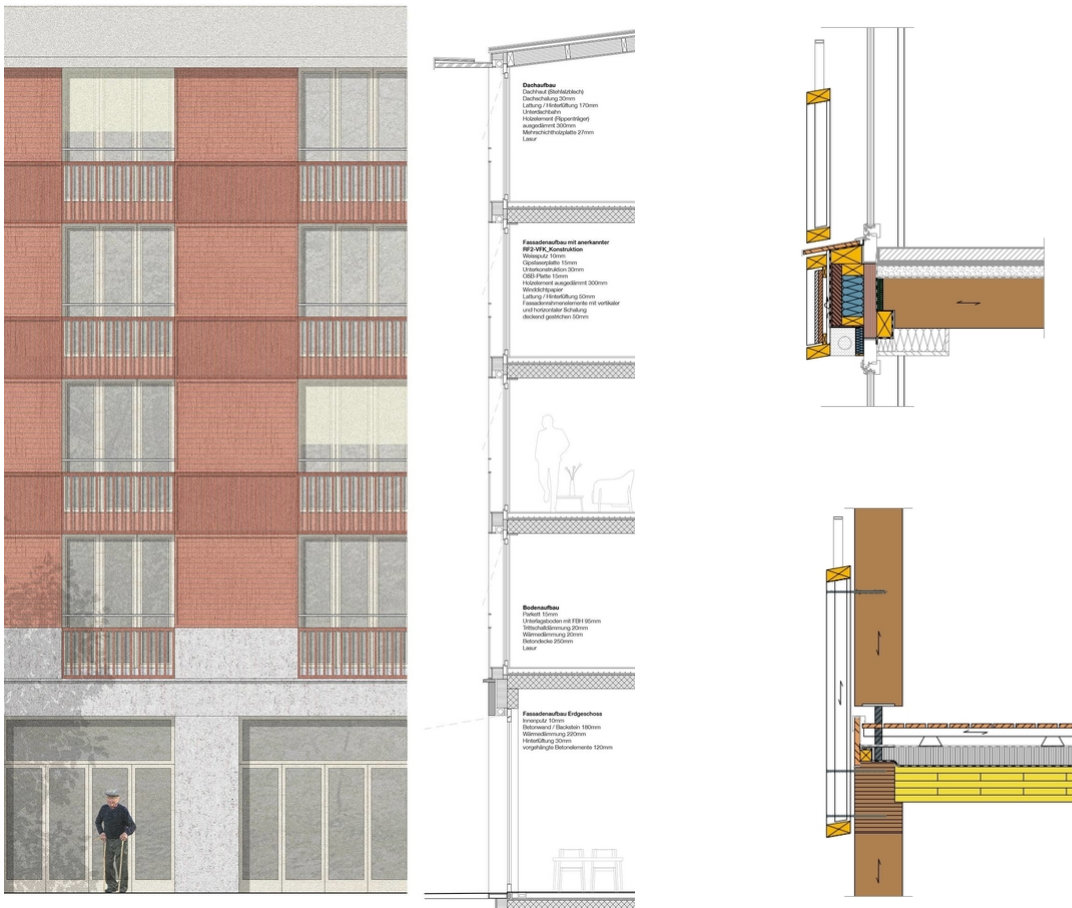
The new Wier nursing home in Ebnat-Kappel is being built as a solid and wooden structure. The rooms, the roof and all supports are made of wood. This wood comes from the surrounding communities. The public utility rooms of the upper floors and the cores are made of concrete. Currently, the residents reside in a temporary building. Work is scheduled to be completed on the new building. The nursing home should be completed by 2023. It will provide a new home for 95 residents. Since the rooms are of wooden construction, they offer a pleasant atmosphere.

The construction

The basement and first floor are planned in reinforced concrete, as is the building core. The residents' rooms and all supports in the building are made of wood. The special feature: In nursing homes, fire protection standards do not allow floor slabs in wood without sprinklers. For this reason, a sprinkler system is planned in the building. For the facade, a pressure-impregnated wood facade is used.

The challenge

For the new building, the wood used comes from the surrounding communities. In order to ensure that the wood is available on time, the planning of the wood procurement had to be well coordinated from the beginning, from the forestry to the processing companies to the wood builder.



Construction Data

- Wood from the surrounding communities ca. 1'100 m³
- Glulam floor slabs approx. 2'600 m²
- Facade formwork approx. 1'600 m²

Construction costs

- BKP 214: 2.0 million Swiss francs

Services of Timbatec

- SIA Phase 31 Preliminary design
- SIA Phase 32 Construction project
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- SIA Phase 52 Execution
- Statics and construction
- Cost estimate

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