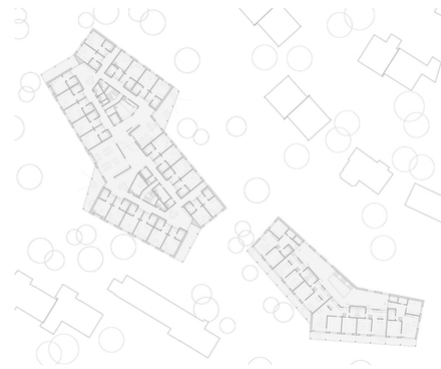


# Senior center Wier, Ebnat-Kappel

2023

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The new building of the Wier senior center 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

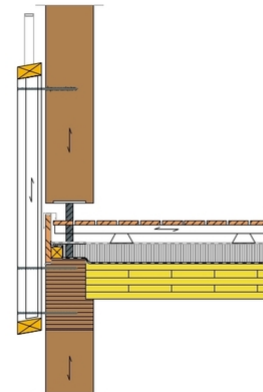
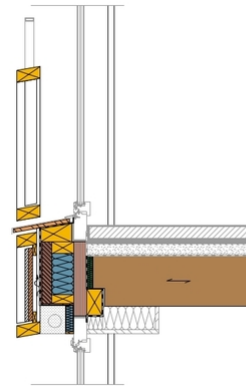
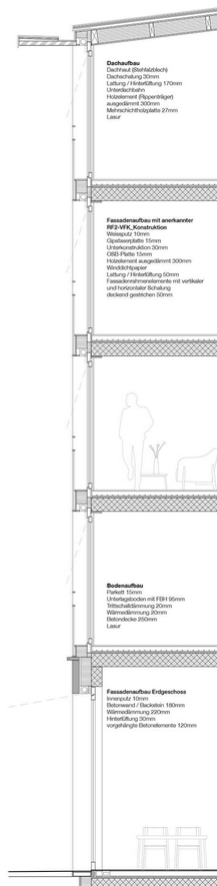
The new Wier senior center in Ebnat-Kappel is being built as a solid and timber structure. The rooms, the roof and all supports are made of wood. This wood comes from the surrounding communities. The public utility rooms of the upper floors and the cores are made of concrete. Currently, the residents reside in a temporary building. Work is scheduled to be completed on the new building. The senior center 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 method

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. A pressure-impregnated wood façade is used for the facade.

## 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 from the forestry industry to the processing companies and the wood builder had to be well coordinated from the very beginning.



### Construction Data

- Wood from the surrounding communities ca. 1'100 m<sup>3</sup>
- Glulam floor slabs approx. 2'600 m<sup>2</sup>
- Facade formwork approx. 1'600 m<sup>2</sup>

### 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

### Architect

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