

ZÜBLIN realizes new timber hybrid building for Elias-Schrenk-Haus nursing home

Facts & Figures

ZÜBLIN UNITS:

Subdivision Stuttgart, Business Unit
Lake Constance
ZÜBLIN Timber GmbH

CONTRACT VALUE:

€ 7.6 million

PROJECT SCHEDULE:

7/21–5/22

CLIENT:

Evangelischer Verein für Altenhilfe
e.V., Tuttlingen

ARCHITECTS:

Koczor Teuchert Lünz GbR, Rottweil
(design)

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- **Start of construction for turnkey four-story extension in Tuttlingen, Germany**
- **Ed. Züblin AG and ZÜBLIN Timber to complete nursing home extension in just ten months of construction**
- **High degree of prefabrication of the timber elements to accelerate the construction process**

Tuttlingen, 7 July 2021 ZÜBLIN's Lake Constance Business Unit is acting as general contractor for the turnkey extension of the Elias-Schrenk-Haus nursing home in Tuttlingen. Supported by the timber construction experts from ZÜBLIN Timber, the project is an example of ZÜBLIN teamwork. The contract awarded by Evangelischer Verein für Altenhilfe e.V. has a volume of € 7.6 million. Work on the ambitious project began this week and will be documented next Monday with a ceremonial groundbreaking. The four-story new building is to be completed by mid-May of next year, within a period of just ten months, and the first residents are expected to move into the new building as early as the beginning of June 2022. The extension, being built to a design by architectural firm Koczor Teuchert Lünz, will employ the timber hybrid construction method in order to meet the tight schedule. The extensive use of timber elements prefabricated at the ZÜBLIN Timber plant in Aichach will greatly accelerate the construction process.

ZÜBLIN aims for roof sealing works in November

“There is a high risk of winter frost in this area, so it is crucial for us to seal the roof before the end of November if possible,” says Gunnar Jennessen, ZÜBLIN senior site manager in Singen, citing an important milestone for his project team. The extension of the Elias-Schrenk-Haus nursing home complements the existing building and replaces the previous smaller annex from the 1970s that was recently demolished. The new four-storey timber hybrid building will have a gross floor area of approx. 3,030 m² with approx. 2,235 m² of usable floor space for 45 nursing care places on the first to third floors as well as 25 daytime care places on the first floor. The project was prompted by new regulations in the state nursing home construction ordinance, according to which, among other things, only single rooms are permitted in nursing homes. For the same reason, the existing

building of the Elias-Schrenk-Haus is to be extensively renovated following completion of the new building.

Timber modules for walls, ceilings and roof structure

ZÜBLIN's general contractor assignment also includes the planning of the works, structural engineering and building services. After construction of the excavation pit, the new building will be founded on drilled piles and a load-bearing floor slab. The project team will be supported in its planning by Ed. Züblin AG's Zentrale Technik competence centre. Apart from the first floor and the building core with staircase, which will be built using reinforced concrete, the majority of the extension building will be constructed from solid timber elements using the LENO® cross-laminated timber system, to be produced by ZÜBLIN Timber at its plant in Aichach and assembled on site. This applies to the additionally insulated exterior walls, interior walls and ceilings as well as to the entire roof structure. The new building will also have a closed timber façade made of silver fir. Assembly of the timber modules is scheduled to start in mid-September and should be completed by the end of October.

*Stuttgart-based **Ed. Züblin AG**, with more than 13,000 employees and an annual output of around € 4 billion, is one of Germany's largest construction companies. Since its foundation in 1898, ZÜBLIN has been successfully realising challenging construction projects in Germany and abroad and today is the STRABAG Group's leading brand for building construction and civil engineering. The company's range of services covers all construction-related tasks – from complex turnkey construction, civil engineering and tunnelling to construction logistics, structural maintenance, ground engineering and timber or steel construction. In recent years, ZÜBLIN has been promoting the topics of digitalisation, LEAN.Construction and sustainability and – supported by the many years of experience of its Zentrale Technik competence centre – is also increasingly offering integrated design and construction from a single source as a general planner. When it comes to partnering, ZÜBLIN has set new standards with its teamconcept partnering model, which has proven its worth on the market for more than 25 years. Current construction projects of the company, a subsidiary of globally operating STRABAG SE, include the EDGE East Side Berlin high-rise project, the Rinsdorf and Rälsbach viaducts on the A45 motorway and the Boyneburg Tunnel on the A44. More information is available at www.zueblin.de.*

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Image:

ZÜBLIN will complete the new turnkey timber hybrid building (right) for the extension of the Elias-Schrenk-Haus nursing home in Tuttlingen within a period of ten months. Copyright / rendering: Koczor Teuchert Lünz GbR, Rottweil