

# Animal hospital new office building, Zürich

2011



About 10 years ago, a three-year temporary office building made of containers was erected on the premises of the Zurich Animal Hospital. After two extensions of the temporary facility, a third extension was denied to the operators. Therefore, the building owners decided to build a new building.

## The project

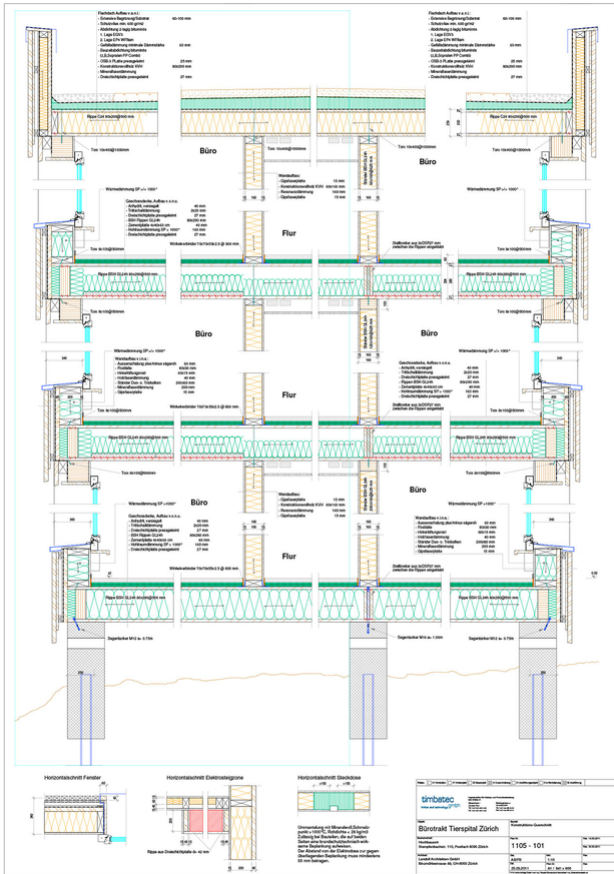
Based on the certificate of need, the target had to be expanded from the original 500 m<sup>2</sup> to 1000 m<sup>2</sup>. The new building, a three-story wooden structure, stands on piled strip footings and is air-laid. Floor box girder elements were laid over the foundations, and these were also used for the false ceiling and flat roof. The room partition walls are simple stud constructions with planking on both sides, which have to fulfill specified fire resistances according to the use and requirements.

## The construction method

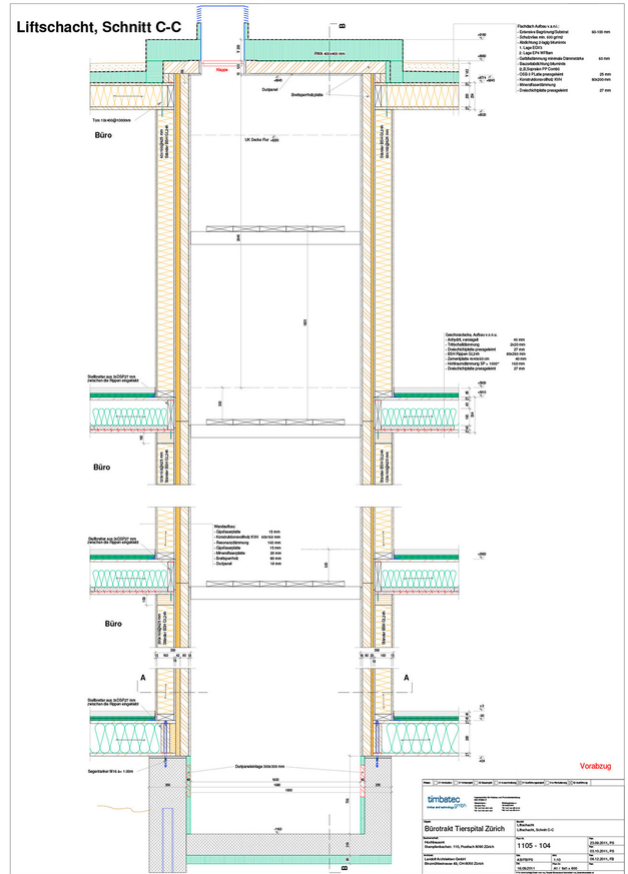
The exterior walls were made in stud construction. A special feature is that the building grows outwards as the number of floors increases. The building is clad with vertical plus-minus formwork with different board thicknesses. Another special feature is that the elevator shaft is also made of wood.

## The challenge

With an extension of the office containers and to obtain an unlimited building permit, the following problem points arose: Fire police objections/corrections, thermal objections/corrections and electrical supply lines, which were provisional until then. All these considerations led to the construction of a new building on the site of the existing provisional one.



Cross section building



Section through elevator shaft



Installation pre-wall

**Construction Data**

- 1000 m<sup>2</sup>
- 3 floors
- Lift shaft in wood

**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
- 3D and 2D construction planning
- SIA Phase 52 Execution

**Elevators**

AS Aufzüge  
8907 Wettswil

**Master builder**

Suter Zotti AG  
8090 Zurich

**Architect**

Landolf Architekten GmbH  
8090 Zurich

**Client**

Hochbauamt ZH  
8090 Zurich

**Timber contractor**

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9556 Affeltrangen