



Project Information

Builder-Owner

Burger Jürgen und Eveline

Location

Wolfurt

Completion

1998

Project facts

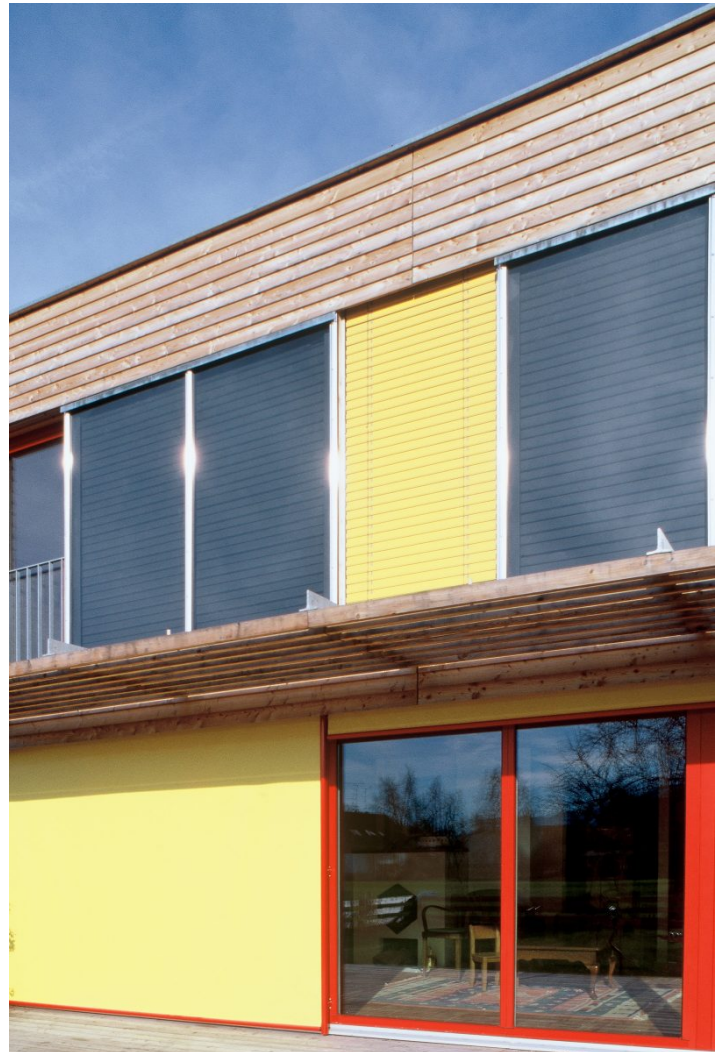
n.b.ar. 140 m², GFA 160 m²,
GBV 341 m³

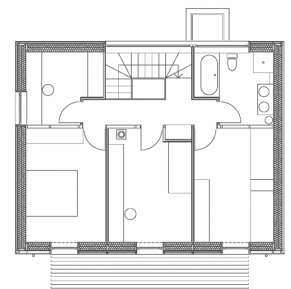
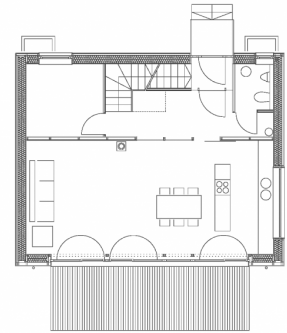
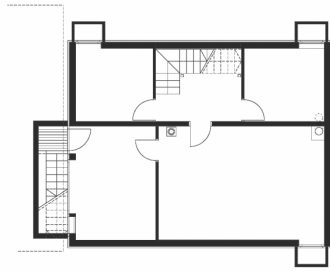
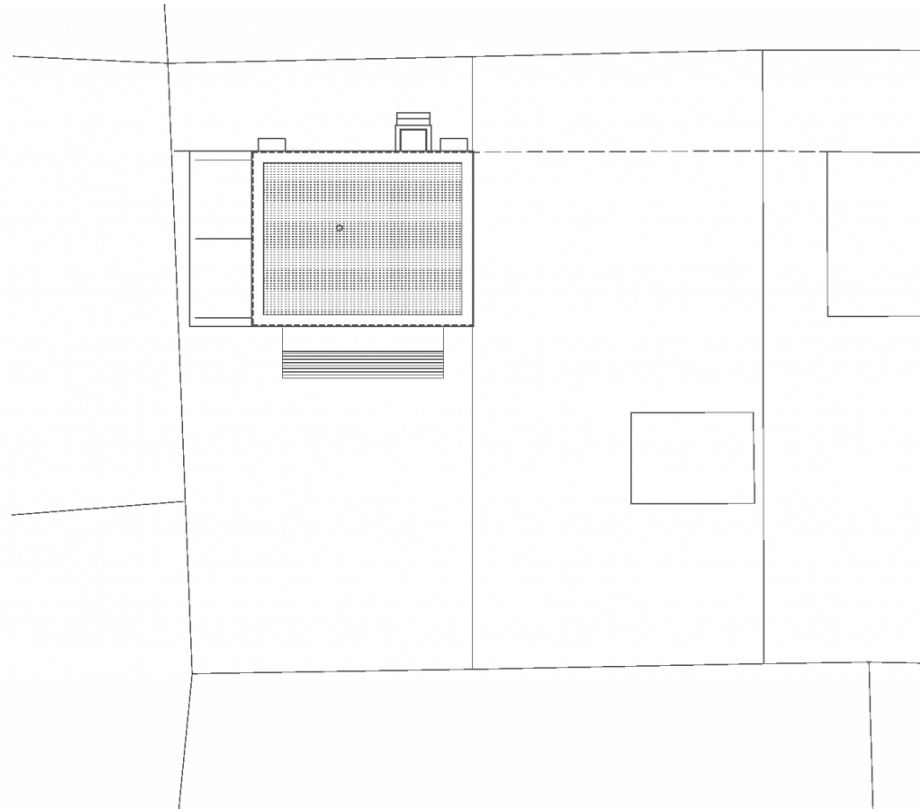
A new generation of configurable timber family housing.

The Haus Burger is a pilot project for the new generation of single-family dwellings, built together with the carpentry company Berchtold Ges.m.b.H. in Wolfurt. It is based on a simple, flexible building system that consists of a catalogue of details and configurations, with which houses can be designed individually. The design process is still necessary, since there are no model houses, but each building is developed according to the requirements of the property, the environment, and the client. The details are designed to be low energy or Passive House standard. It can therefore be used to construct a thermal open space building shells with K values of 0.1 W / m²K and an NLQ value of 0.5.

The Haus Burger stands in a single-family house area and sits on the east side of the plot, directly on the boundary. Due to its geometry, the simple low-energy house is very compact and enables heating via living space ventilation or small wall heaters in the individual rooms on the upper floor.

The heating concept integrates a wood-burning stove in the living area, which heats both the supply air and the hypocaust. The basement is completely unheated. The solar collectors are used for hot water and are installed in the facade.





Project Stakeholders

Project Leader

Colleague

DI Reinhard Muxel

Structural Engineering

Mader + Flatz Baustatik ZT
GmbH, Bregenz

Heating Ventilation and

Sanitary Planning

Eco Technik, Walter Schöpf,
Dornbirn

Electronics Planning

Elektro Maier GmbH, Lauterach

Building Physics/Acoustics

Berchtold Holzbau GmbH &
CoKG, Wolfurt

Awards

Österreichischer Holzbaupreis
1998 (1. Preis)

Haus der Zukunft – BM für
Wirtschaftliche
Angelegenheiten
2000 (Auszeichnung)

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Foto Ignacio Martinez, Burger