Pfeifer INTERPLAN

PROTESTANT COMMUNITY CENTRE Herbolzheim (Germany)

NEW BUILDING

Client: Evangelical High Church Council Chrurch Building,

Karlsruhe

Architects: Kuhn und Lehmann Architekten, Freiburg

Our services: Structural design

Establishing the basis

Preliminary design Developing static design concept

Schematic design

Brief description: Construction of a new community centre with a place of worship, a community room, foyer, kitchen as well

as machine and storage room

single-storey building as a timber hybrid structure using wood and reinforced concrete
square floor plan, L 20, 48 m x W 20,48 m x H 6 m,

bound in the corners with a closed structure

- strip foundations

- bracing via four rectangular reinforced concrete cores in each corner of the building as well as reinforced concrete walls

- main timber trusses spanning up to 14 m, other timber trusses up to 8 m, both with a construction height of up to 3.25 m - supporting structure of the roof construction in timber

- roof constructed as a beam frame out of solid structural timber consisting of four interconnected main beams

- glazed ceiling opening of 6 x 6 m

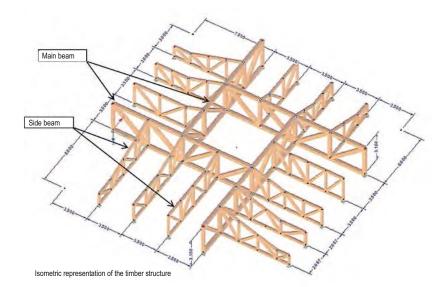
- low-energy building

Completion: 2018

Hugo-Häring-Award 2020

Sustainability Award of the Protestant Church "Green Goat" 2019

Holzbaupreis Baden-Württemberg 2018, Sonderpreis Südschwarzwald





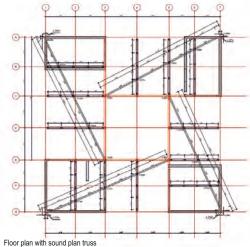
Building after completion, exterior photo



Building after completion, interior photo



Wooden boarding skylight



Fotos / Darstellungen: Professor**Pfeifer**undPartner PartGmbB, Kuhn und Lehmann Architekten, Fotograf Achim Birnbaum