

Recyclinghaus Kronsberg

restricted competition housing design, extensive use of recycling materials **location** Hanover, Germany **size** approx. 285 m² GFA, 1 living unit **client** Gundlach GmbH & Co. KG, housing company, Hanover **services** competition and Lph 1 - 8 **status** in construction **project team** Verena Brehm, Nils Nolting, Arne Hansen **cooperation** Drewes + Speth, consulting engineers for construction, Hanover; H2A von Heeren Habibi, energy efficiency planning, Hanover; Engineering Office Keil, fire protection planners, Hanover **award** 1. prize competition

On the Kronsberg in Hanover, a residential building is created as a recycling house: The building is made of recycled (reused) and recyclable (reusable) components in recycling-fair construction (use and disassembly of the components without loss of quality). The components should come from local sources.

The building is built on a foundation of recycled concrete and foam glass gravel in a glue-free solid wood construction. Façades, windows and the interior are “harvested” from other demolition projects, and reinstalled after a revision. Individual objects are saved before disposal and recycled as Readymade.



perspective view from Funkenkamp



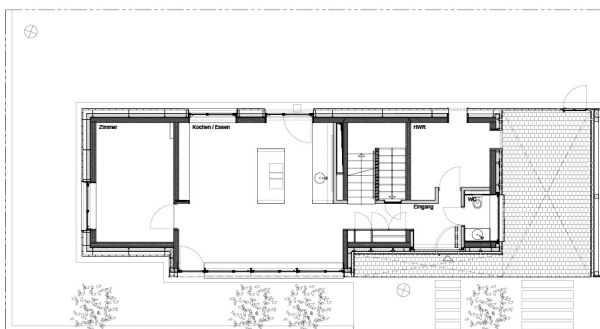
perspective corner Funkenkamp / Treppenkamp



site plan



attic floor



ground floor



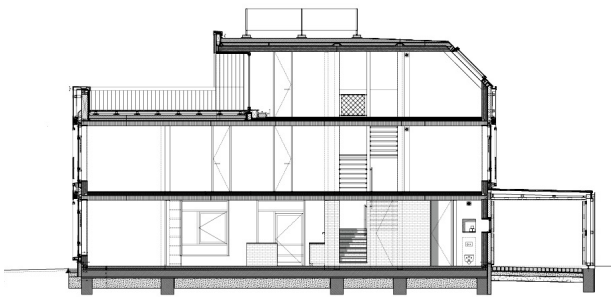
first floor



view south



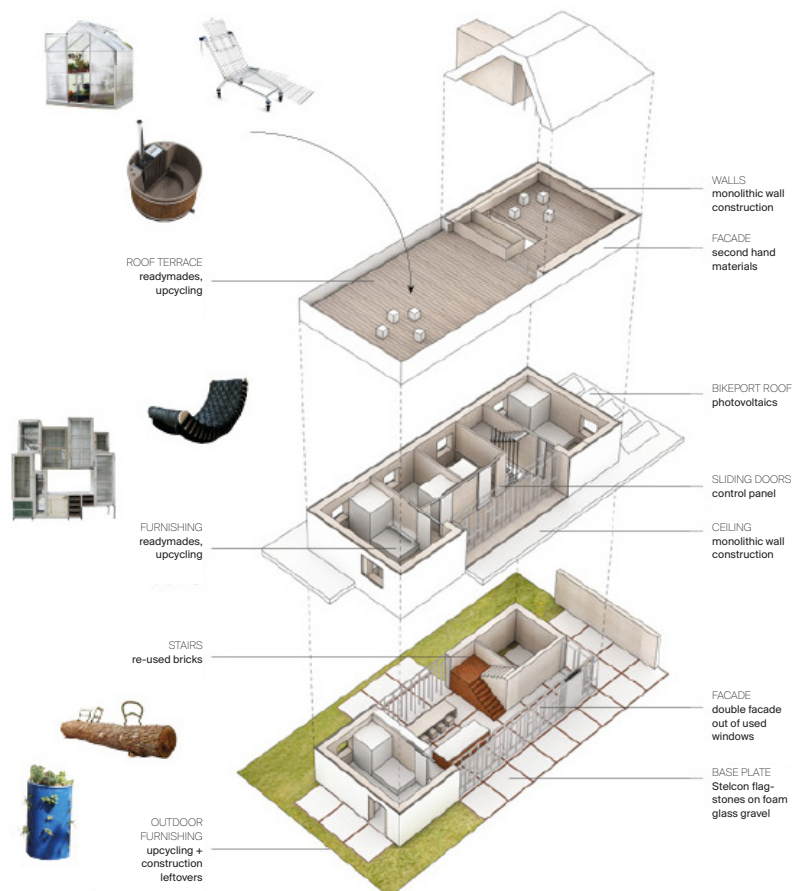
perspective section



longitudinale section



view west



material and construction