

SCHAMOTTE QUARTER

FROM A FACTORY SITE TO A GREEN LIVING QUARTER

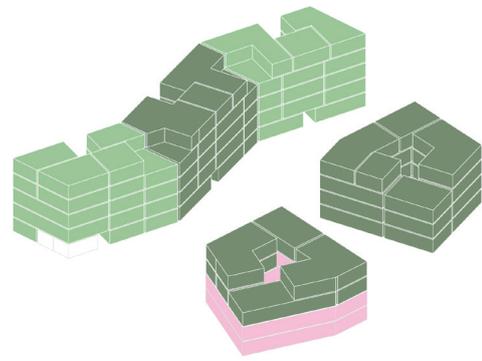
assignment architectural realization competition **location** Bonn, Germany **size** 11,400 m² GFA, 76 residential units **client** KölnGrund Haus- und Grundbesitz GmbH **services** Urban & open space design, architectural planning **status** completed, 2022 **team** Oliver Seidel, Lukas Hegele, Elisa Knemeyer, Alina Krimpenfort **cooperation** Mosaik Architekten, nsp Landschaftsarchitekten **award** 1. prize

The concept for the area of the former fireclay factory in Bonn transforms the industrial site into a green neighbourhood with a high quality of living. The urban arrangement of the buildings is derived from the noise impact from the south and the location within a larger city block. A four-storey block building with a stagger along the railway line shields the quarter from the noise. Two polygonal, four-storey solitary buildings in the south form the transition to the more loosely arranged buildings in the area. The structurally identical buildings fit into their surroundings by being twisted against each other and creating diverse and exciting spaces through recesses and bends.

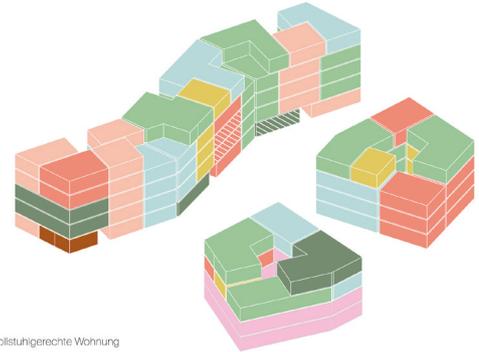
A neighbourhood square is being created that will serve as an identity-forming address and meeting point. An additional green open space stretches to the east, where the opposite entrances to the buildings are located.

All adjoining municipal and private plots of land in the east and west can be integrated into the urban picture. The existing building, a shelter for the homeless, can be retained and further developed by adding another story and balconies. The green connection in the middle of the quarter will be extended and merged with a green area with a playground.

All new buildings are planned as wood hybrid buildings and can be recycled and later returned to the material cycle thanks to their deconstructability. Noise protection, spatial formation, and the quality of living are not dependent on the development of the neighbouring properties, guaranteeing a functioning and green residential area.



- geförderter Wohnungsbau
- freifinanzierter Wohnungsbau



- Rollstuhlgerechte Wohnung
- KiTa
- 1-Zi.-Whg.
- 2-Zi.-Whg. getrennt/Alleinstehende
- 3-Zi.-Whg.
- 4-Zi.-Whg.
- 5-Zi.-Whg.
- Gemeinschaft
- 2-Zi.-Whg.

A diverse mix of housing and even a kindergarten stimulate a lively and strong community.



site plan



view into the lively Schamotte Quarter with wood hybrid buildings.



urban planning concept: embedded in the urban fabric with its own identity.



mobility concept: focusing on public transport and bike & walking routes.