

# TINY LIVING

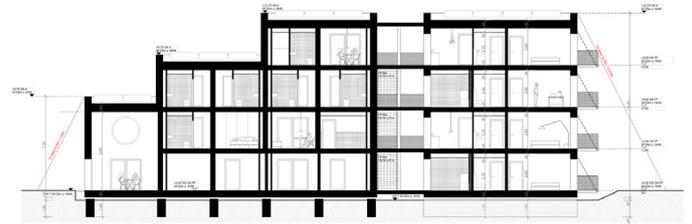
ECOVILLAGE - SUFFICIENCY WITH SHARED LUXURY

**assignment** Design of a residential building **location** Hanover, Germany **size** 2.400 m<sup>2</sup> BGF, 21 units **client** ecovillage hannover eG **services** LP 1 - 4 **status** in progress, 2021 **team** Oliver Seidel, Jakob Bohlen, Niklas Staack, Aleksandra Eggers, Hanna Sentis **cooperation** studiomauer **projectnumber** 2106-ECO

The L-shaped "Tiny Living" building is part of our project ecovillage in Hanover. It consists of two stepped structures, which are accessed and connected via a generously usable arcade. On the one hand, the arcade enables a diverse exchange between the residents and, on the other hand, a very high degree of flexibility in the use of the building. Based on a grid, a wide variety of apartment sizes and forms of living can be offered and the living space can be adapted to future changing needs.

The main focus in the development of building is residential use. This is supplemented by a shared bicycle and storage room, two laundry rooms, a common room and an experiment room for water use and food cultivation operated by the entire ecovillage with access to the adjacent aquaponics greenhouse.

Responsible use of building materials makes a significant contribution to the sustainability of the property. As early as the construction of the building, the conservation of natural resources is included through a design that is suitable for recycling. Through the targeted choice of materials and the possibility of a clean separation of the elements used, the amount of waste is reduced and the rate of reuse and recyclability increases. The greatest possible use of the renewable building material wood not only minimizes the CO<sub>2</sub> emissions during the construction of the building but also serves as important CO<sub>2</sub> storage.



Section



Elevation



View from the Green Ring onto the south facade.



Site plan



View into the shared courtyard