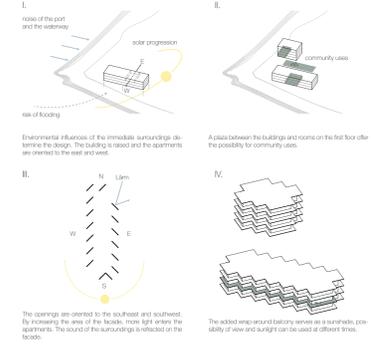


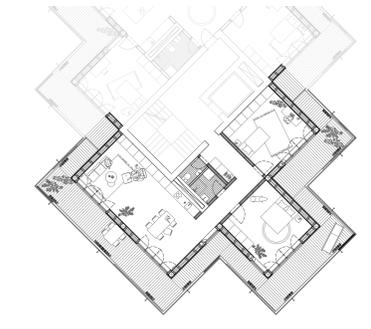
The elongated body with east-west orientation turns away from the volume of the river and uses sunlight from the east, south and west. Another body forms a sheltered square. The pixel structure of the building allows for different building typologies, from long house to point house or town house, so that the neighborhood can be played with in terms of urban development. By turning out the facades, the surface area is increased so that more sunlight can illuminate the rooms. The circumferential balcony allows an exit in any direction. The floors are variable in their apartment sizes so that a mix of different apartments can be generated. The modules are built on a grid. An apartment is composed of different room modules. The sleeping areas are mostly oriented to the east, the living areas to the west. Thus, the orientation of the rooms and their uses is adapted to the position of the sun. The window openings in the inner facade can be fully opened to extend the interior space to the outside. The building is made mainly of wood and clay from the recyclable idea.



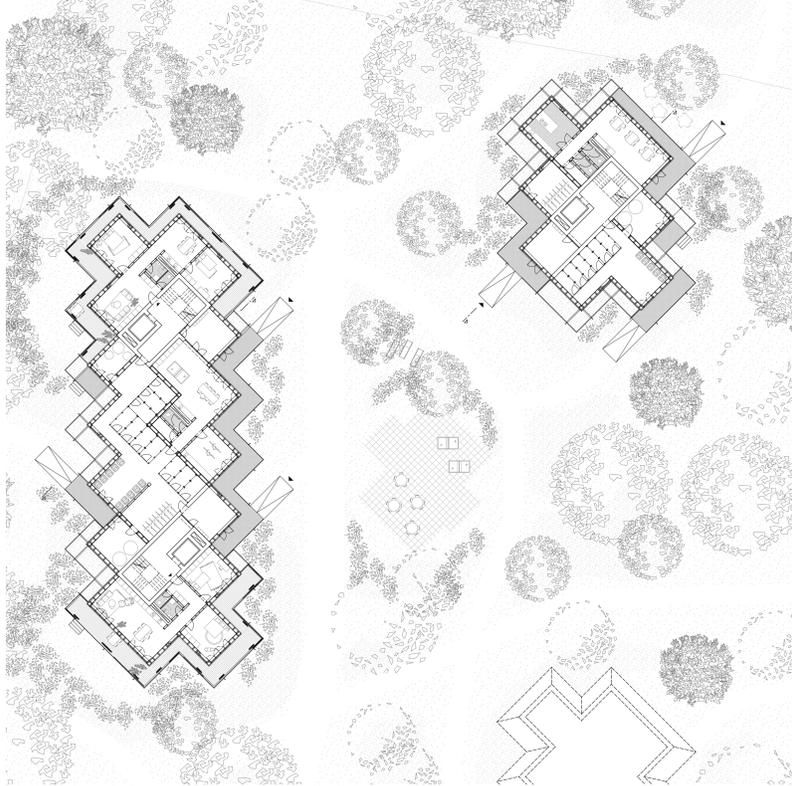
Site plan



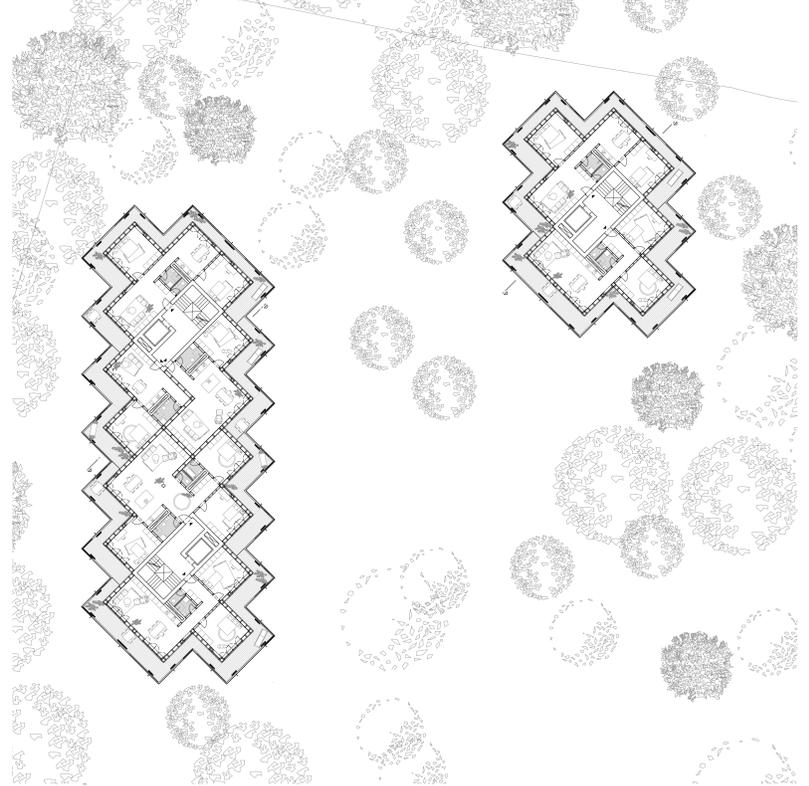
Derivation of the design



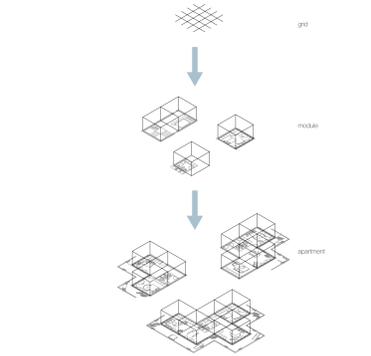
Floorplan example



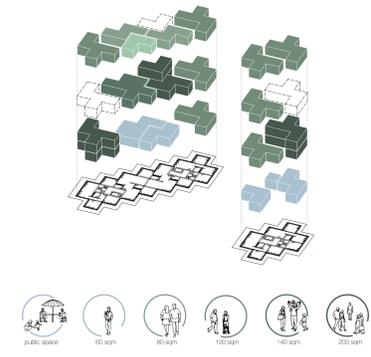
Floorplan Groundfloor



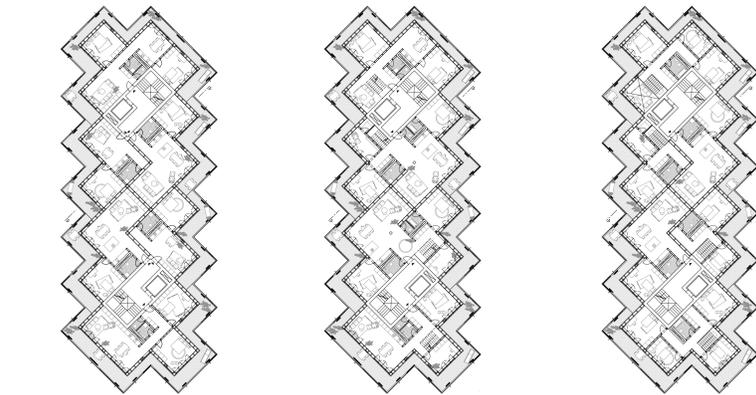
Floorplan ruled floor



Module



Apartments



Floorplan small apartments/ duplex apartments

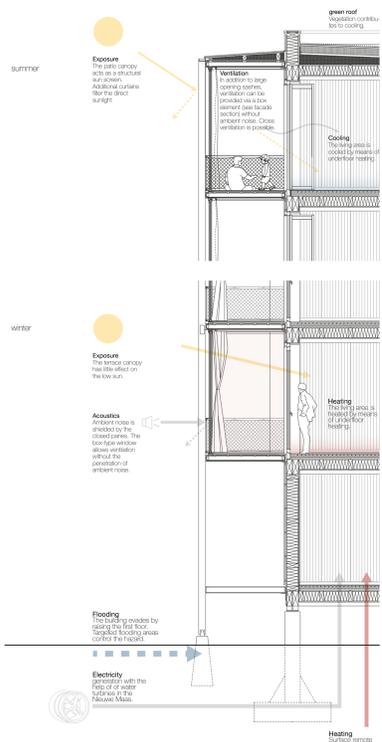


View

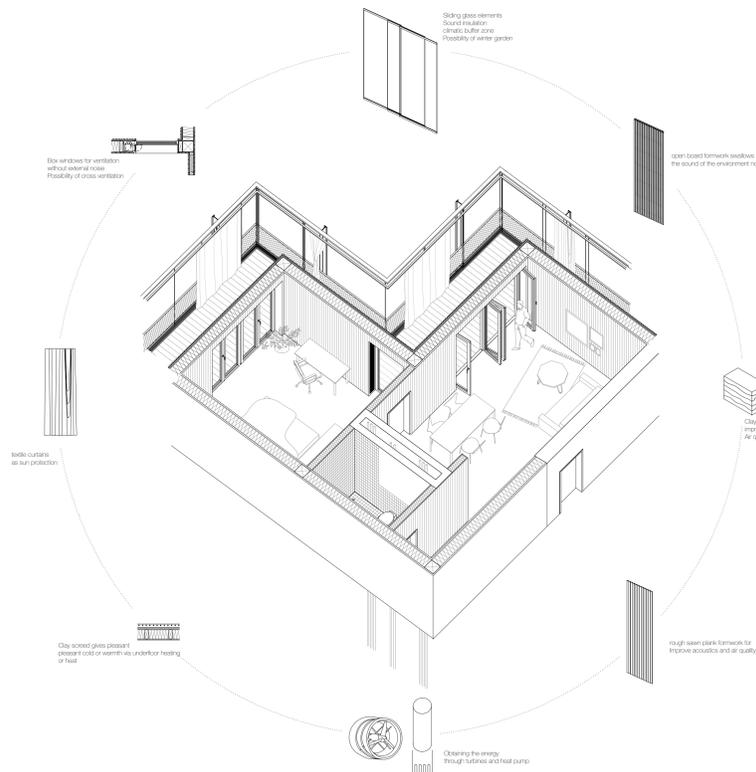


Section

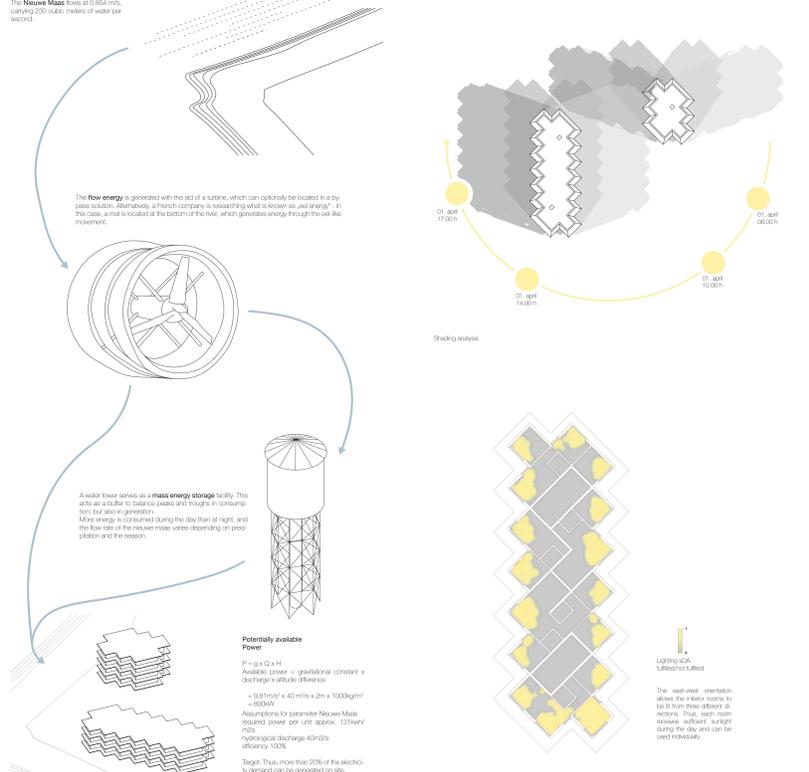
The **Neue Mass** flows at 0.854 m/s, carrying 200 cubic meters of water per second.



Facade section summer/winter



Energy and room climate concept



Energy production

Daylight