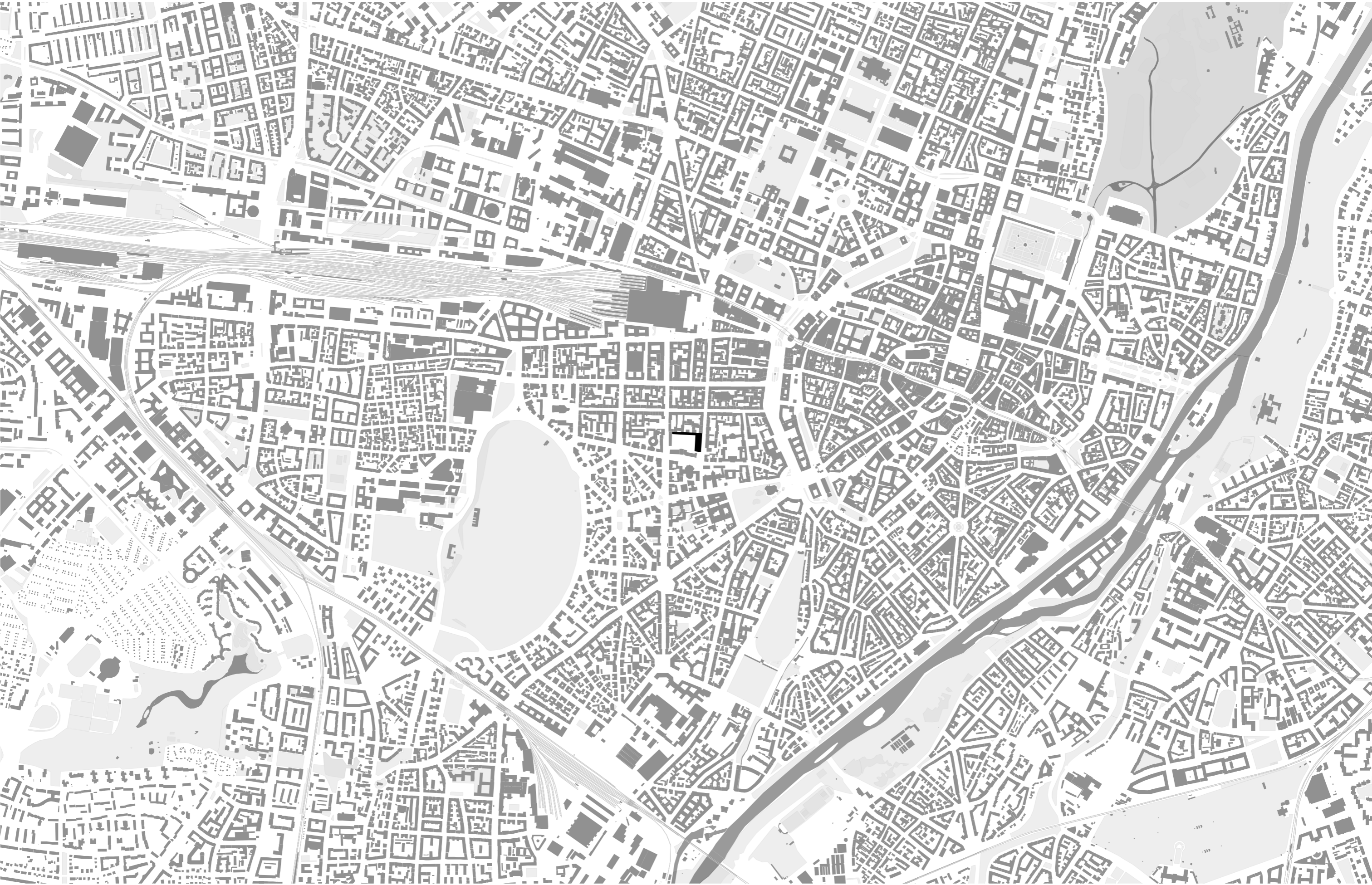


GEOLOGY GOING UNDERGROUND

COMPETITION BRIEF „WETTBEWERB GEOWISSENSCHAFTEN“

LOCATION PLAN



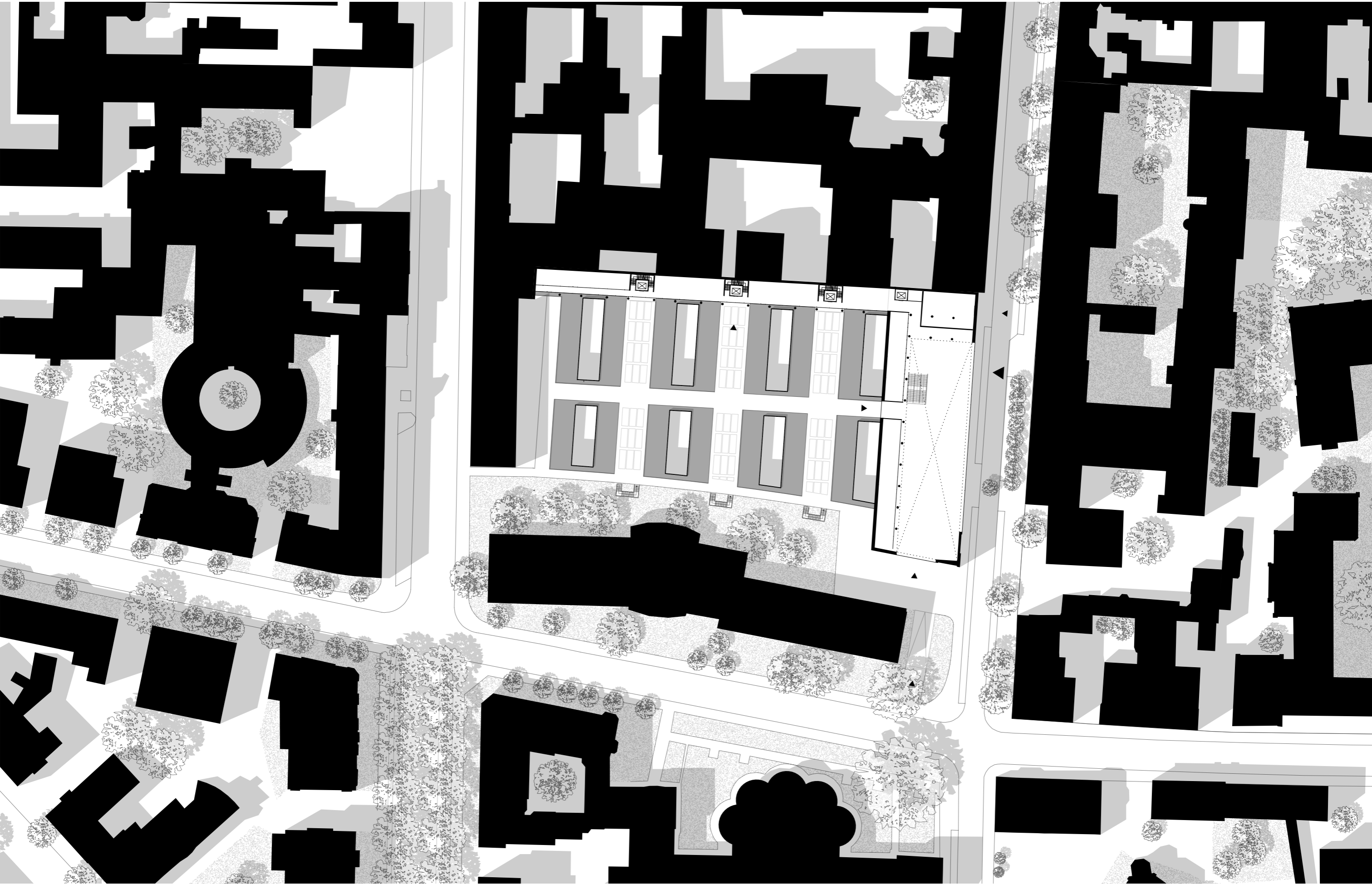
The task of the competition was to create a new department building for six different geo-related departments of the Ludwigs-Maximilians-University and two departments of the bavarian state collection (SNSB). The building should on the one hand be a representative building for the different parties but on the other hand should provide them with a efficient working space for research.

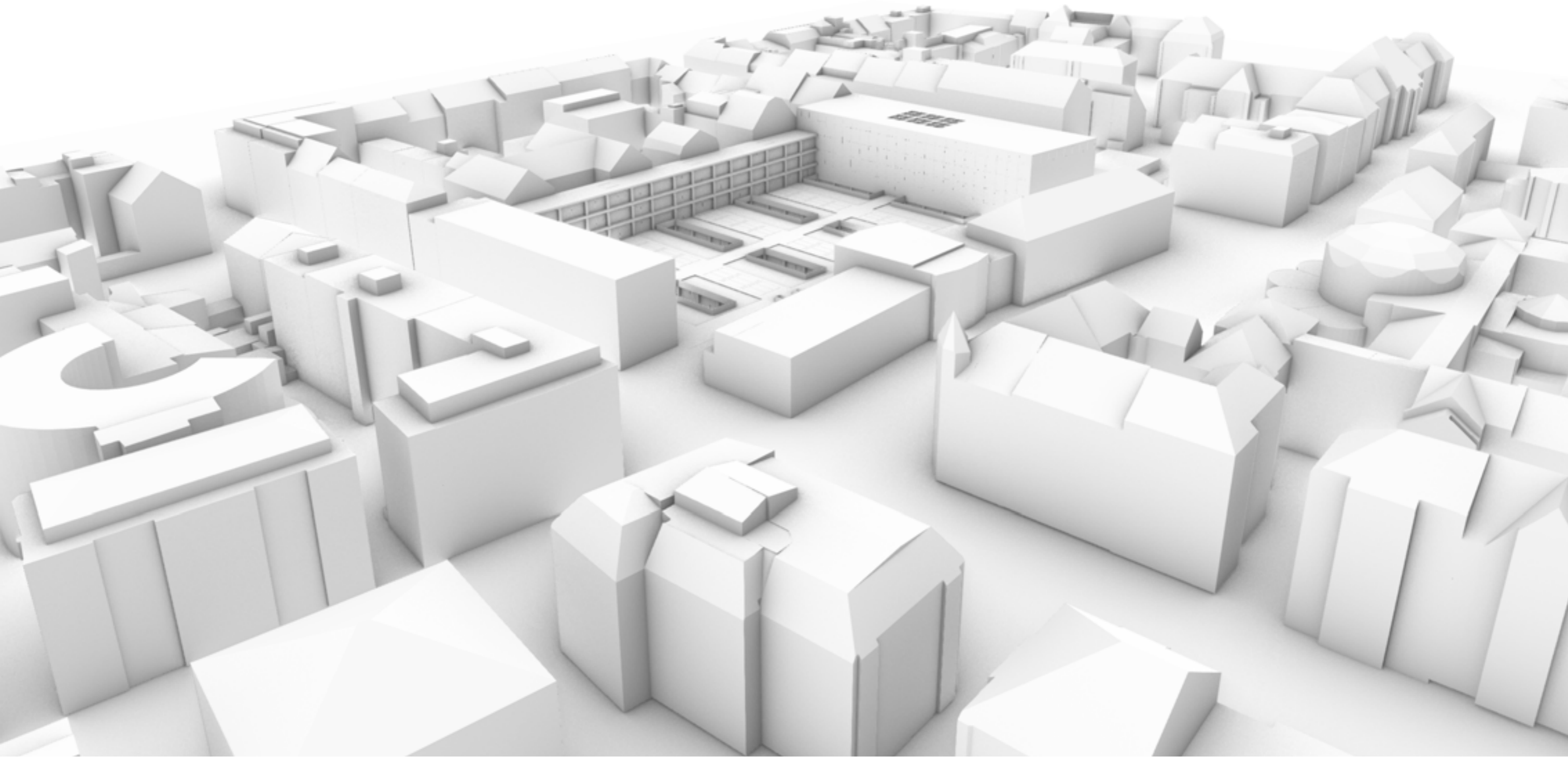
The original concept of the project is an anology of the working process in geology related sciences: Work takes place below the ground, but the exhibition itself above the surface.

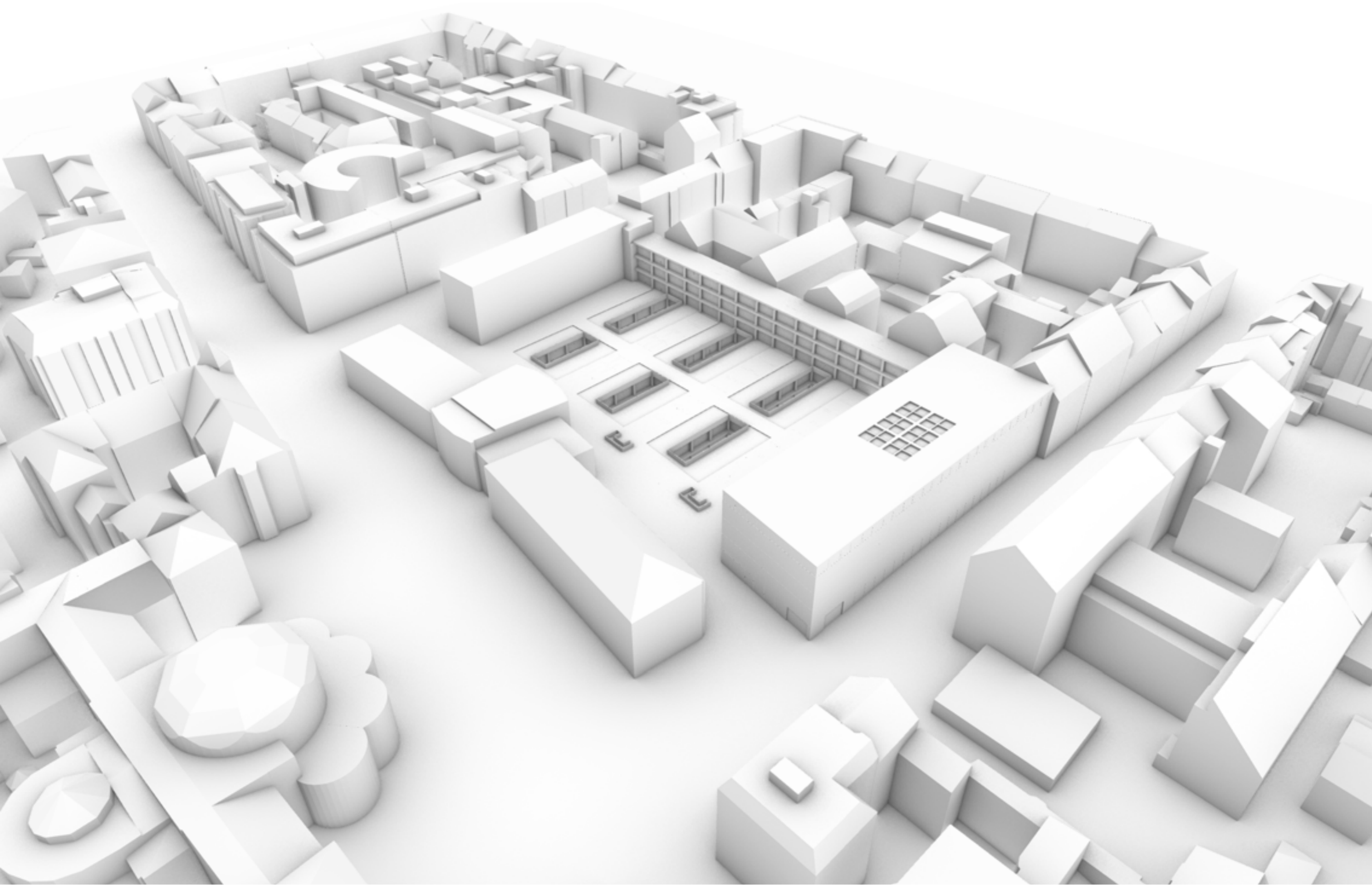
In consideration of the enormous heat production of the working spaces in the building and the location of the building right in the middle of the urban heat island, the original concept idea was appllied to the competition brief:

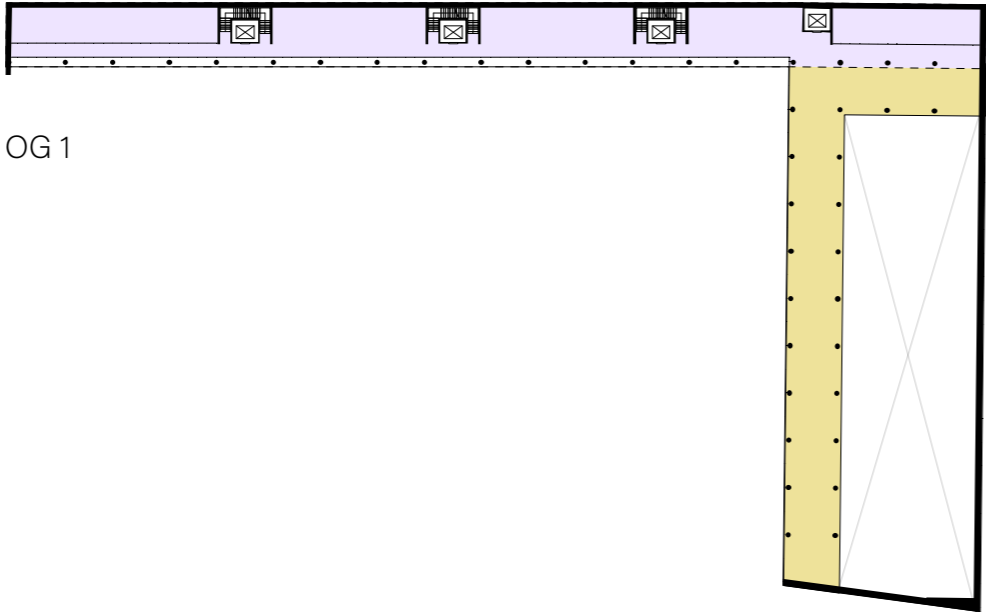
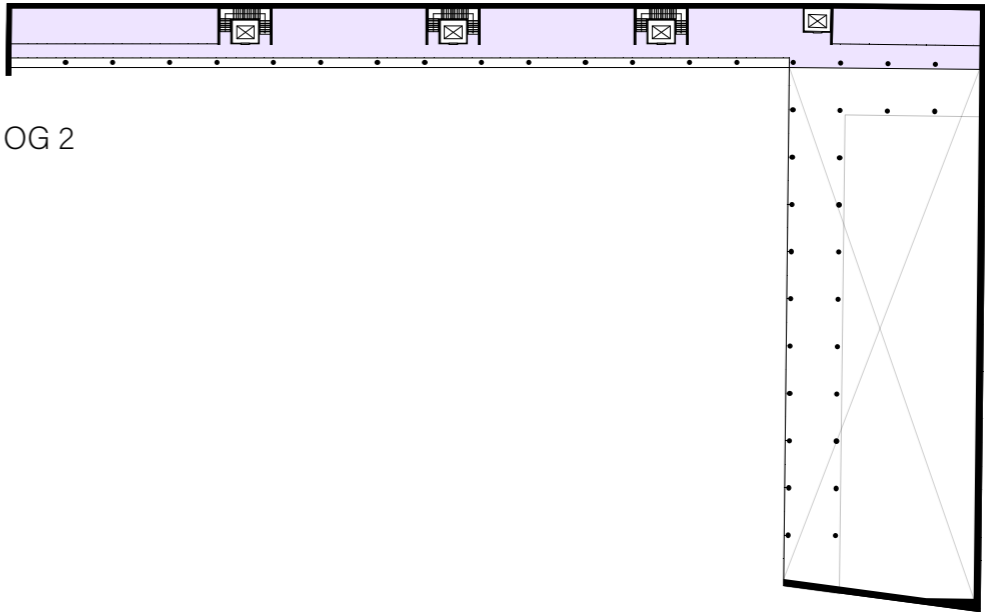
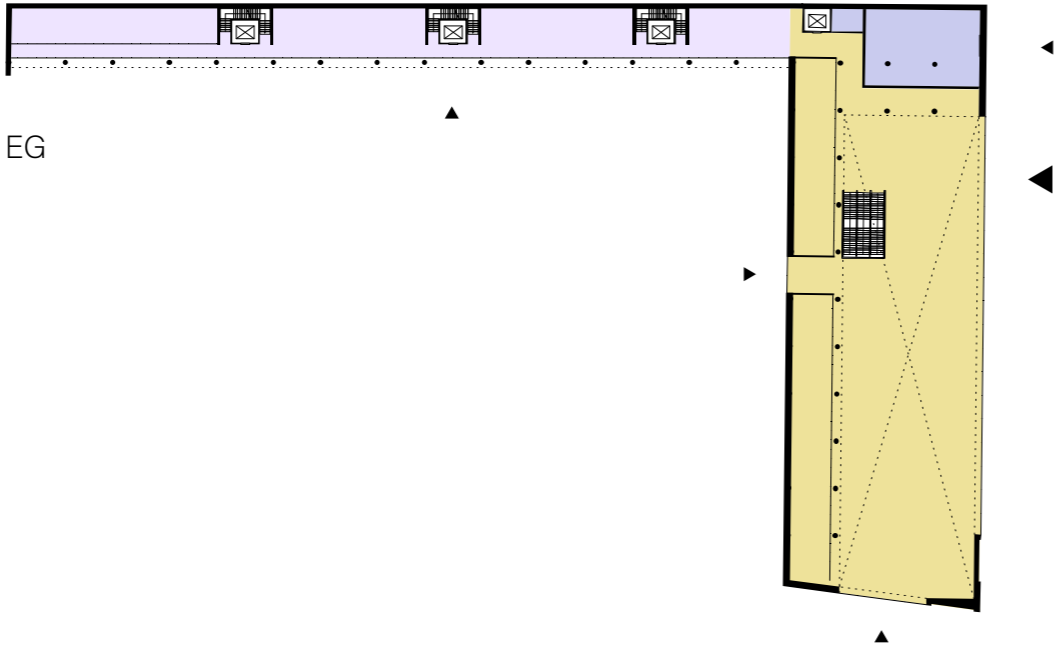
The goal was to create as less built volume above the ground as possible, opening up the surface of the courtyard for water surfaces and creating a new space for rest and cooling. The research and working spaces are located below the courtyard, using the surrounding soil as a stabilizer for the indoor climate, providing ecspecially cooling in the summer. The departments are represented in an exhibtion hall above ground towards the street in connection with the library closing off the north side of the plot. The building stands on concrete bored piles which are left in their original look and the pillars are always noticeable in the building , ecspecially in the underground floors.



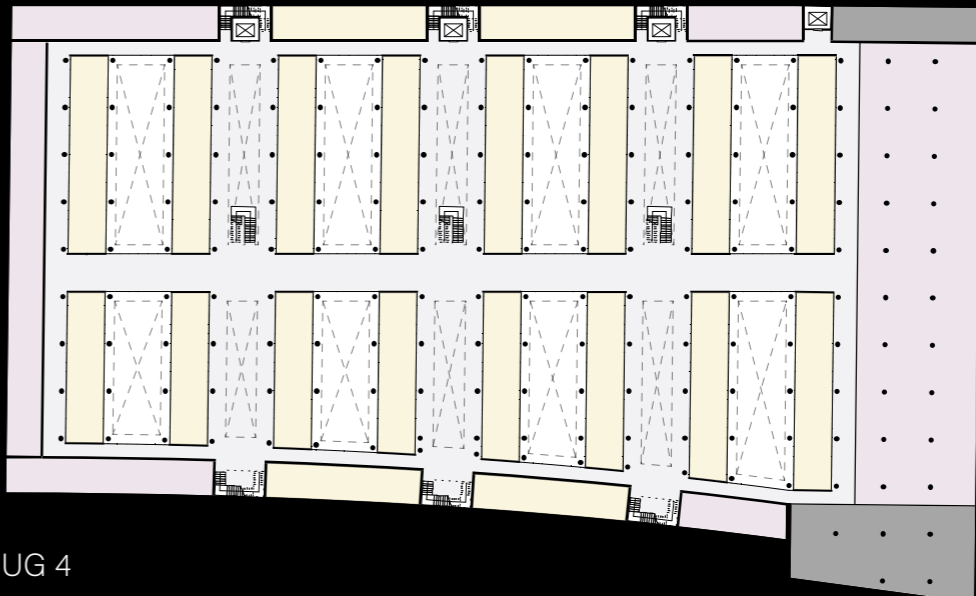
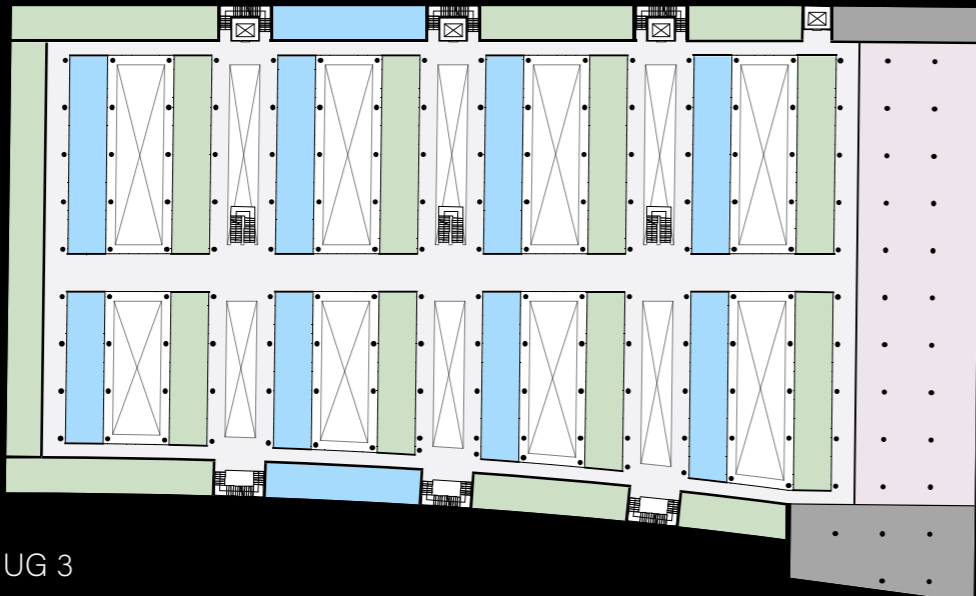
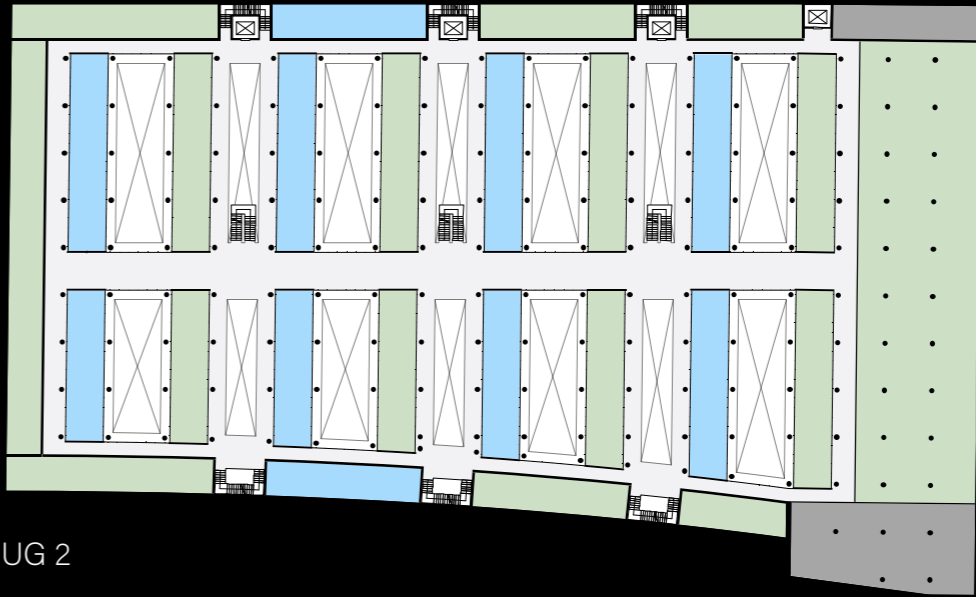
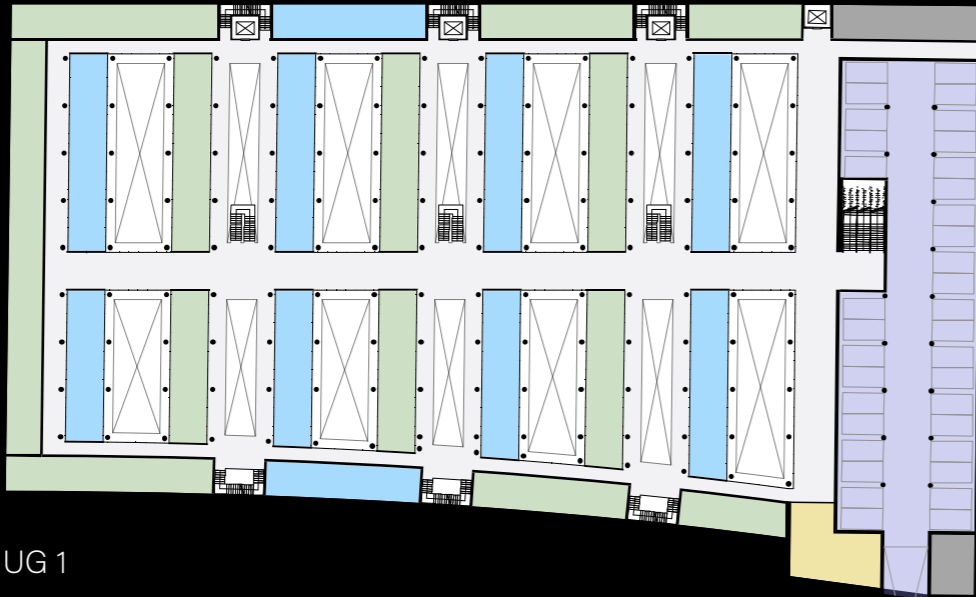






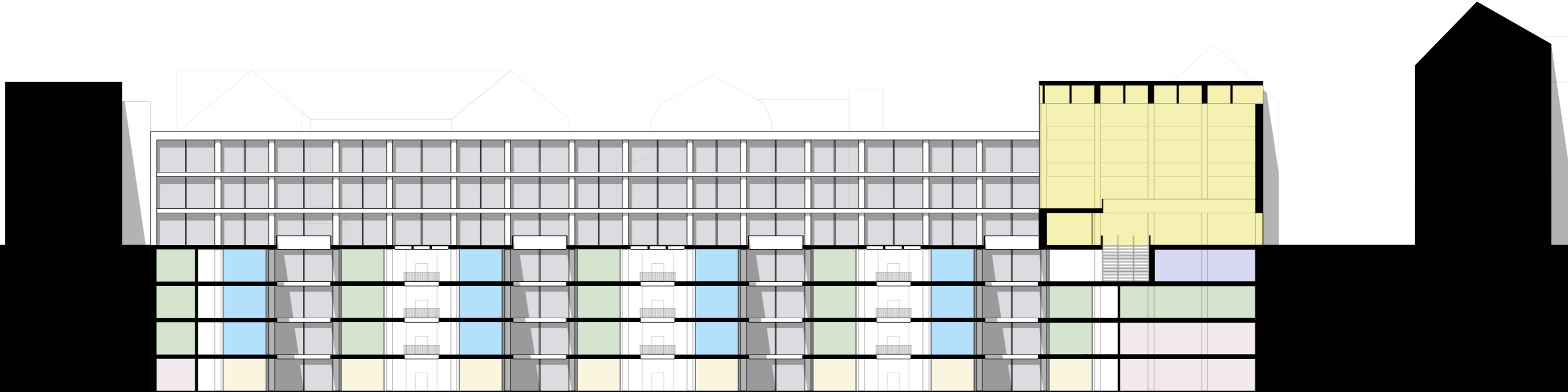


Exhibition Library Serving Areas

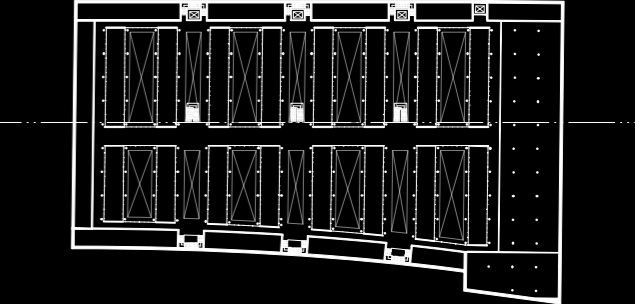


- Laboratories
- Offices
- Workshops
- Exhibition
- Serving Areas
- Storage SNSB

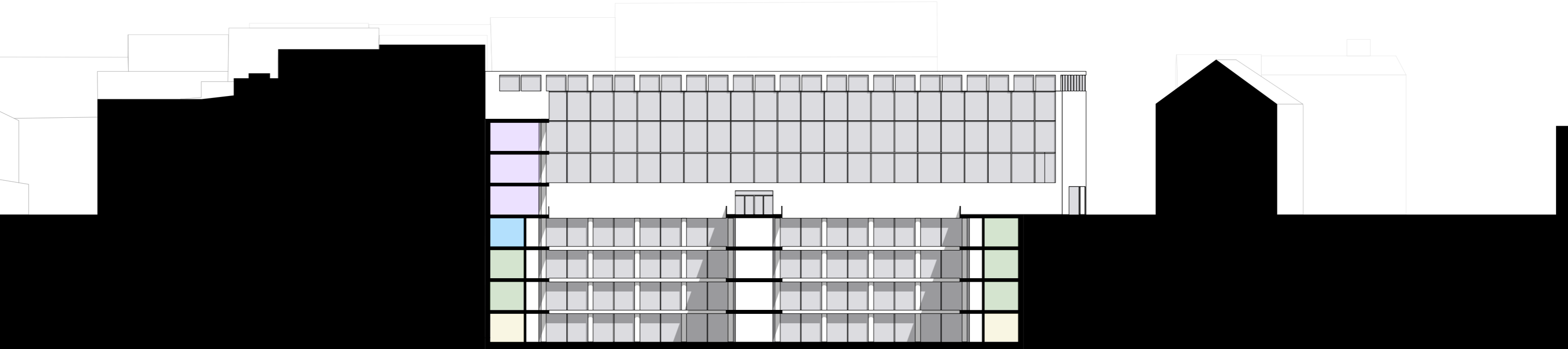
DESIGN | SCHEMATIC SECTION 1



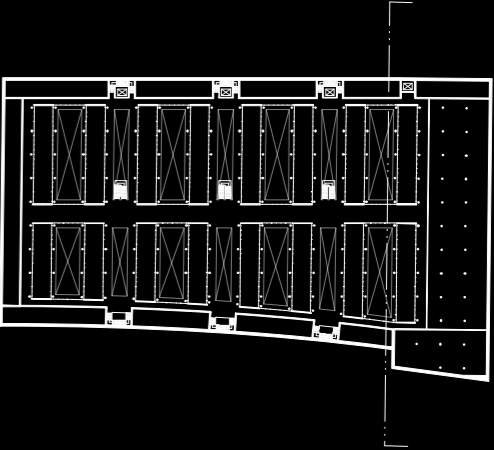
- Laboratories
- Workshops
- Storage SNSB
- Exhibition
- Offices
- Serving Areas



DESIGN | SCHEMATIC SECTION 2

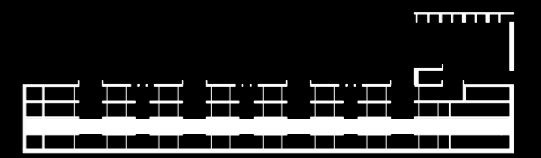


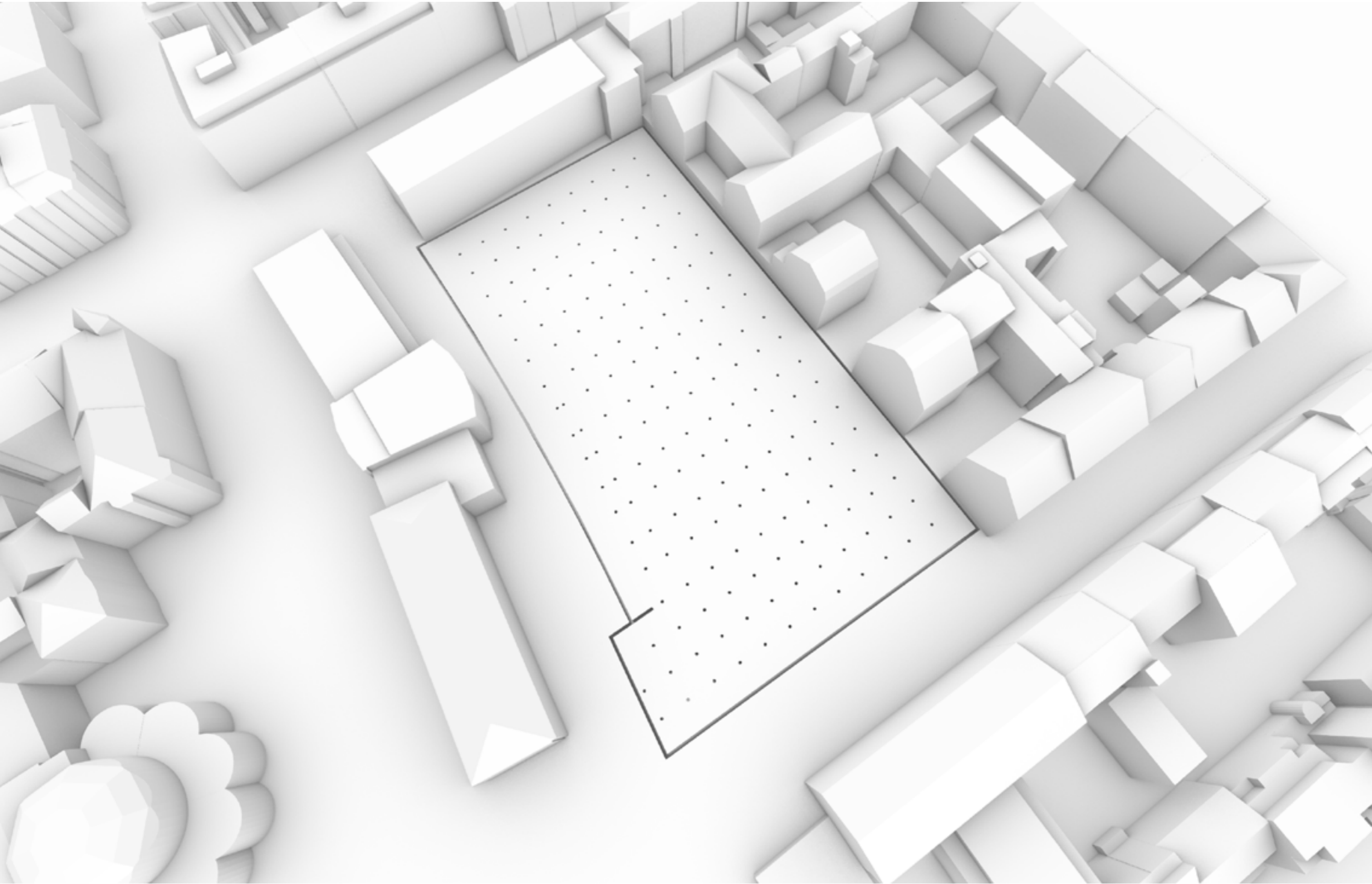
- Offices
- Workshops
- Laboratories
- Library

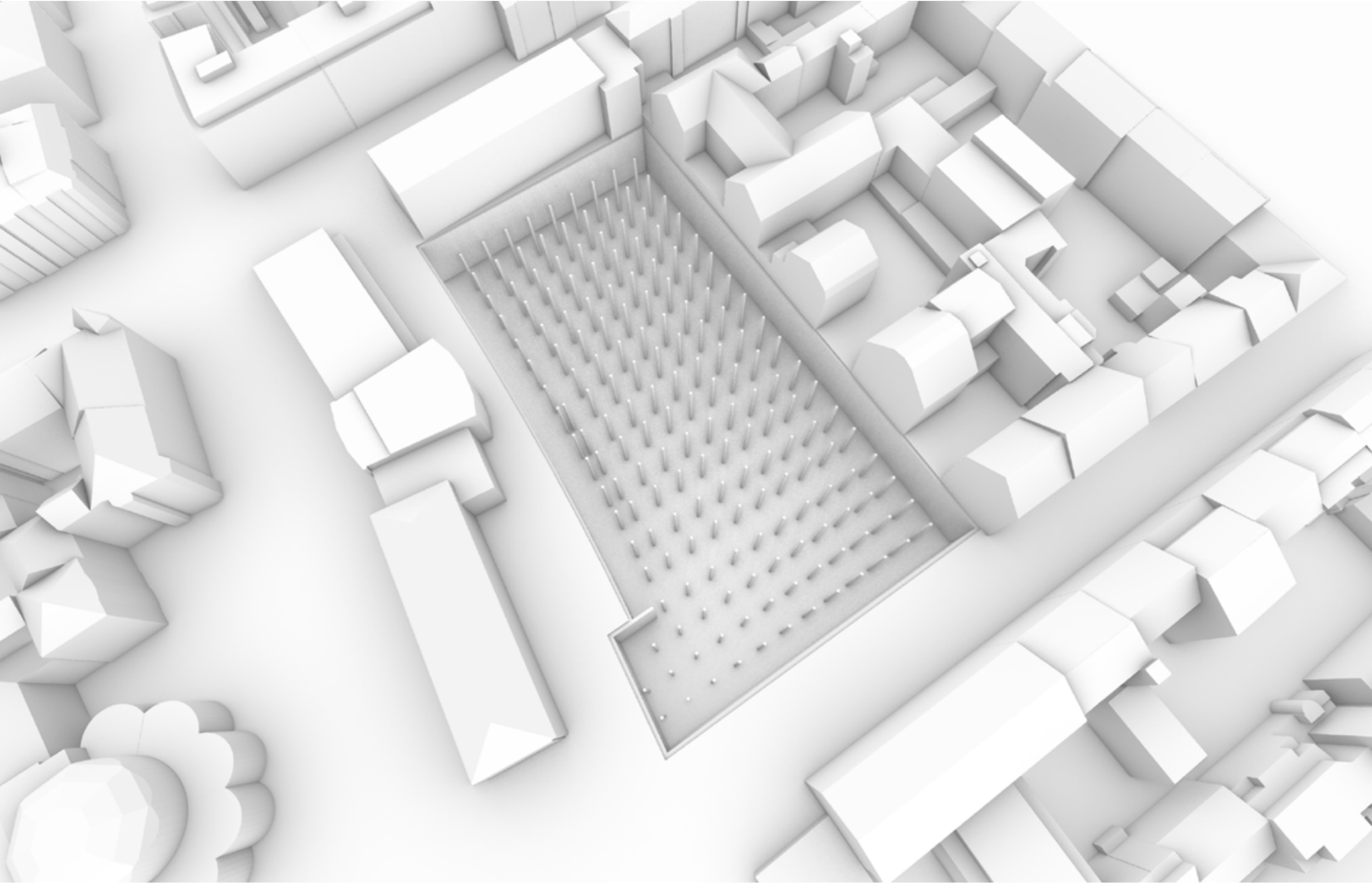


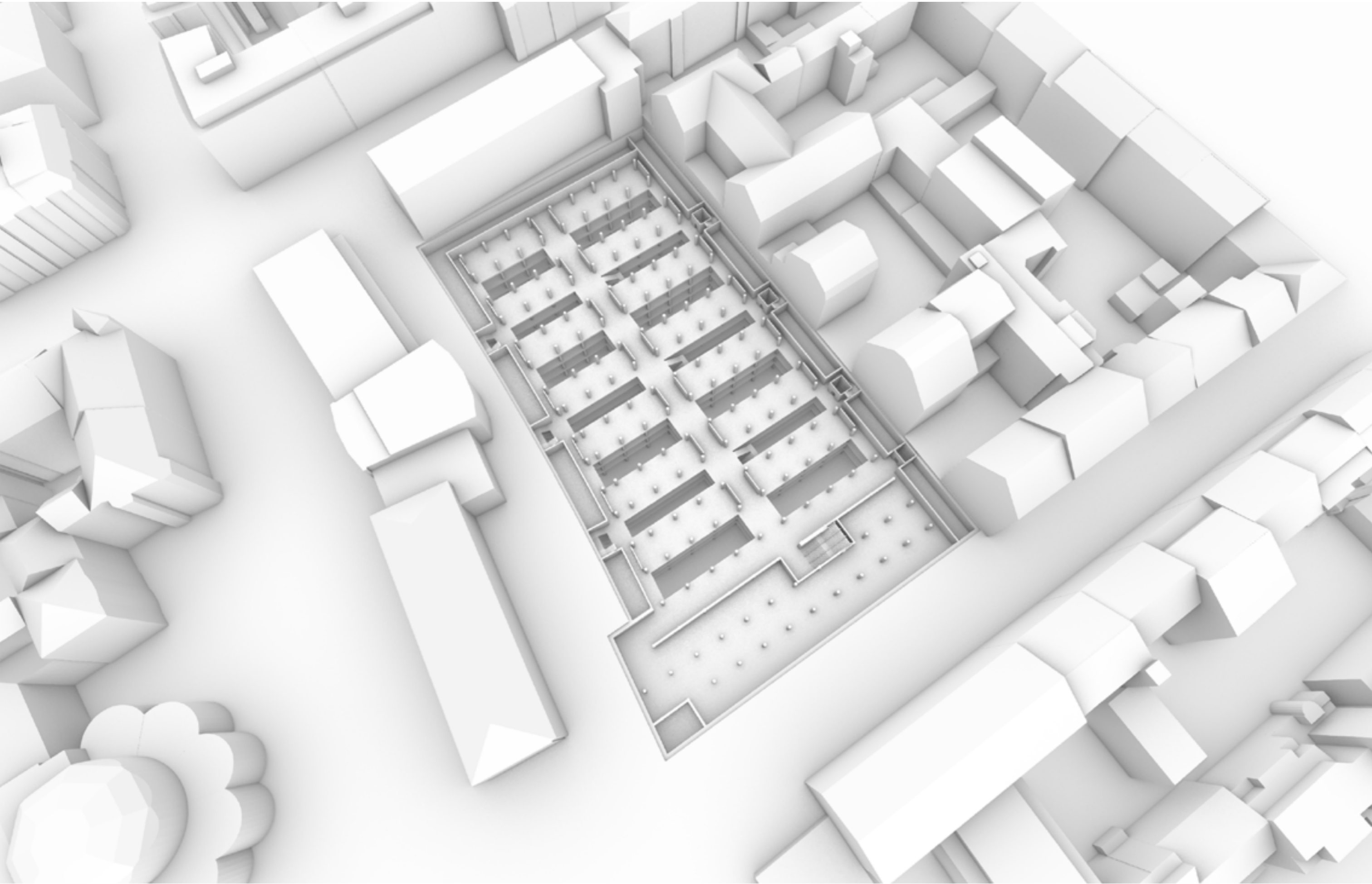


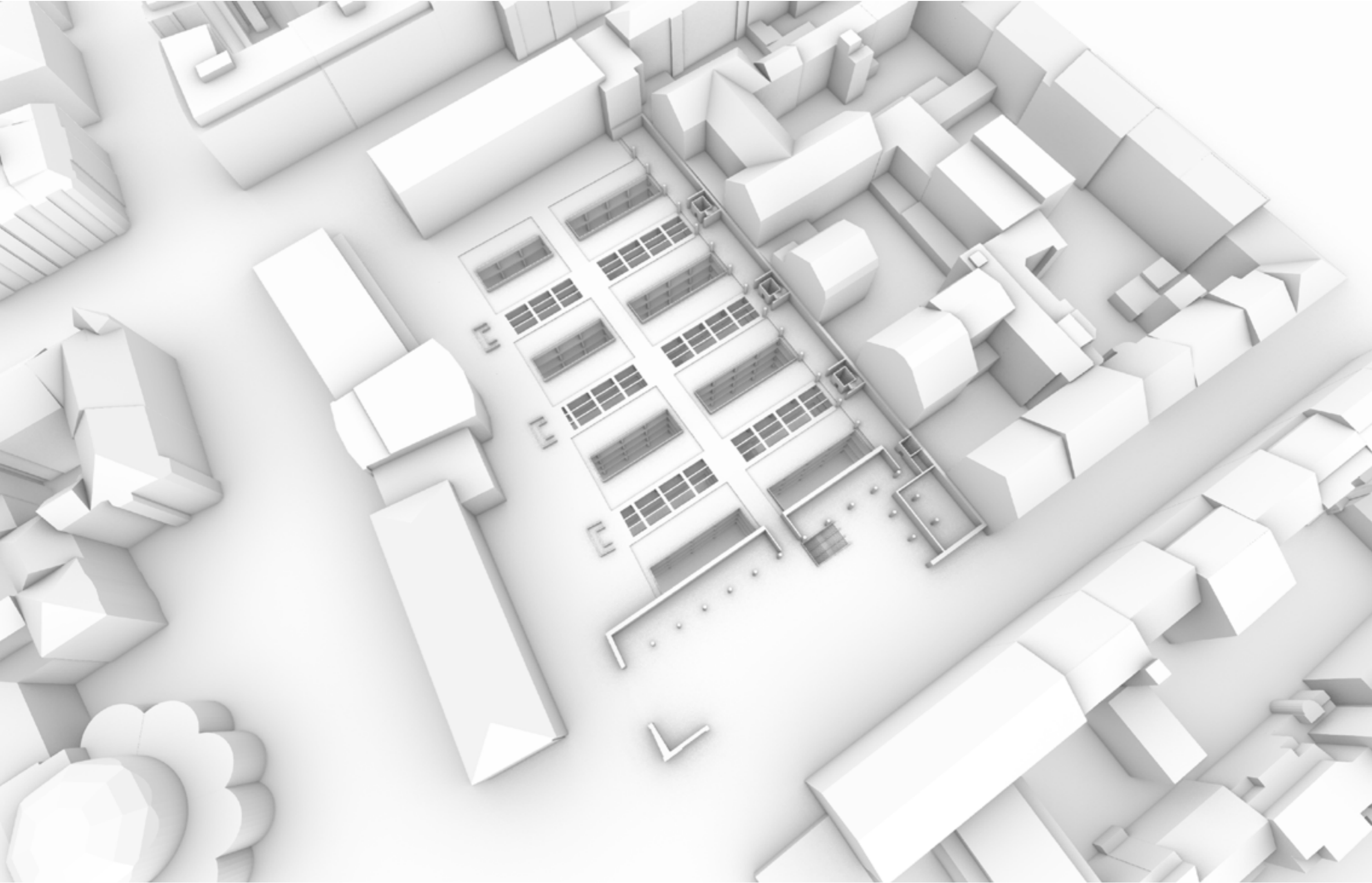
DESIGN | EXAMPLE FLOOR PLANS | 3rd UNDERGROUND FLOOR

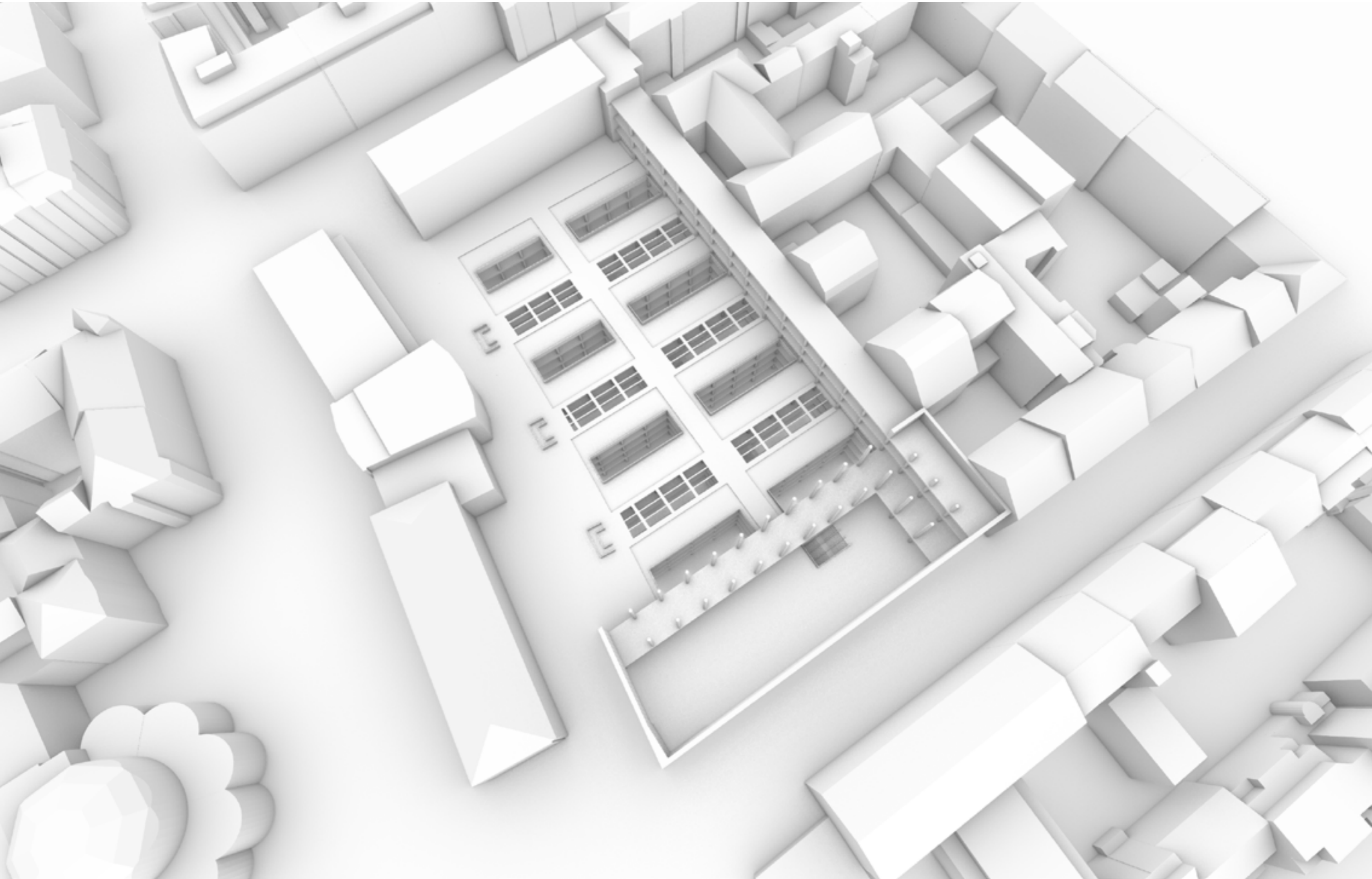


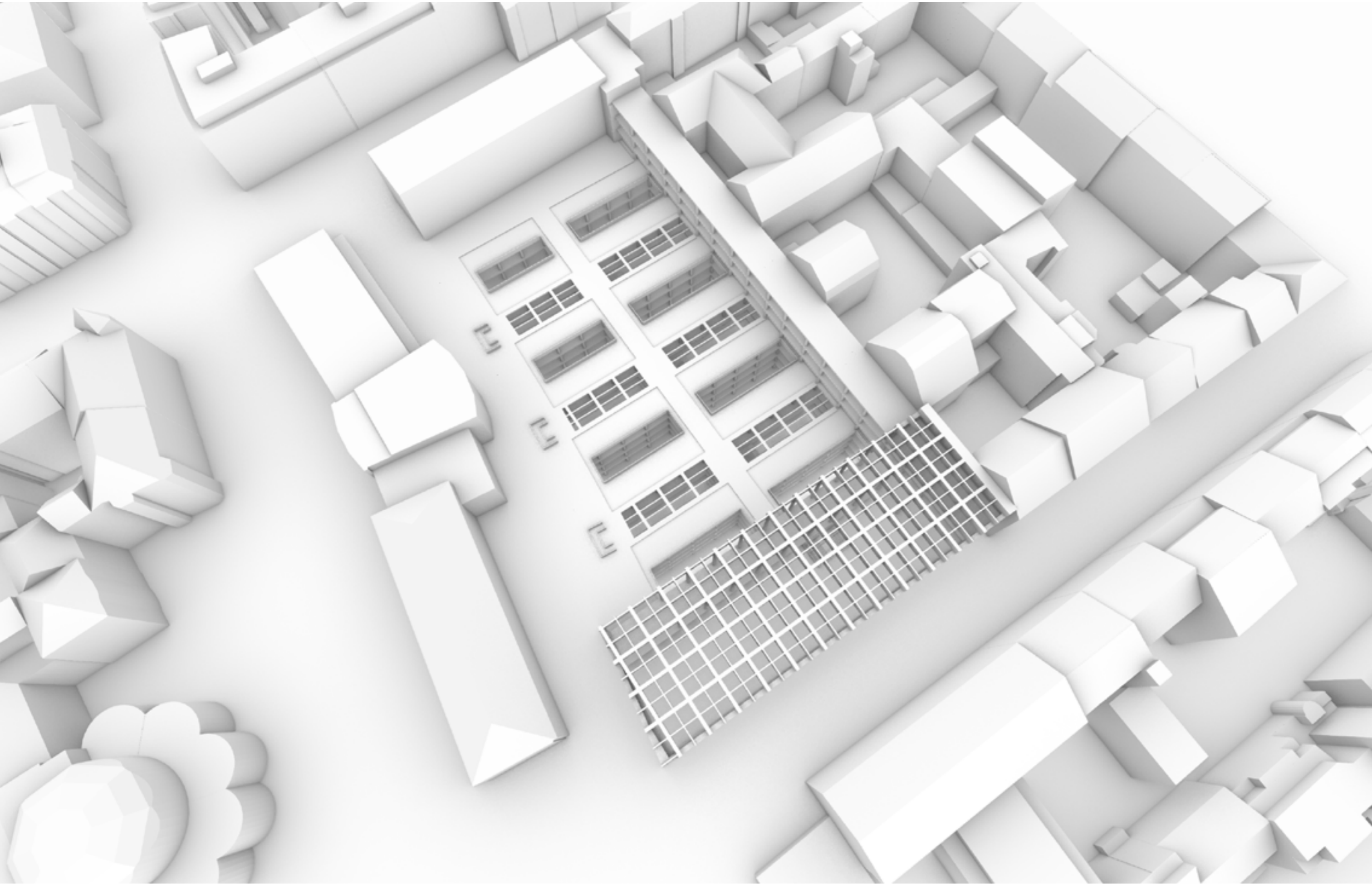


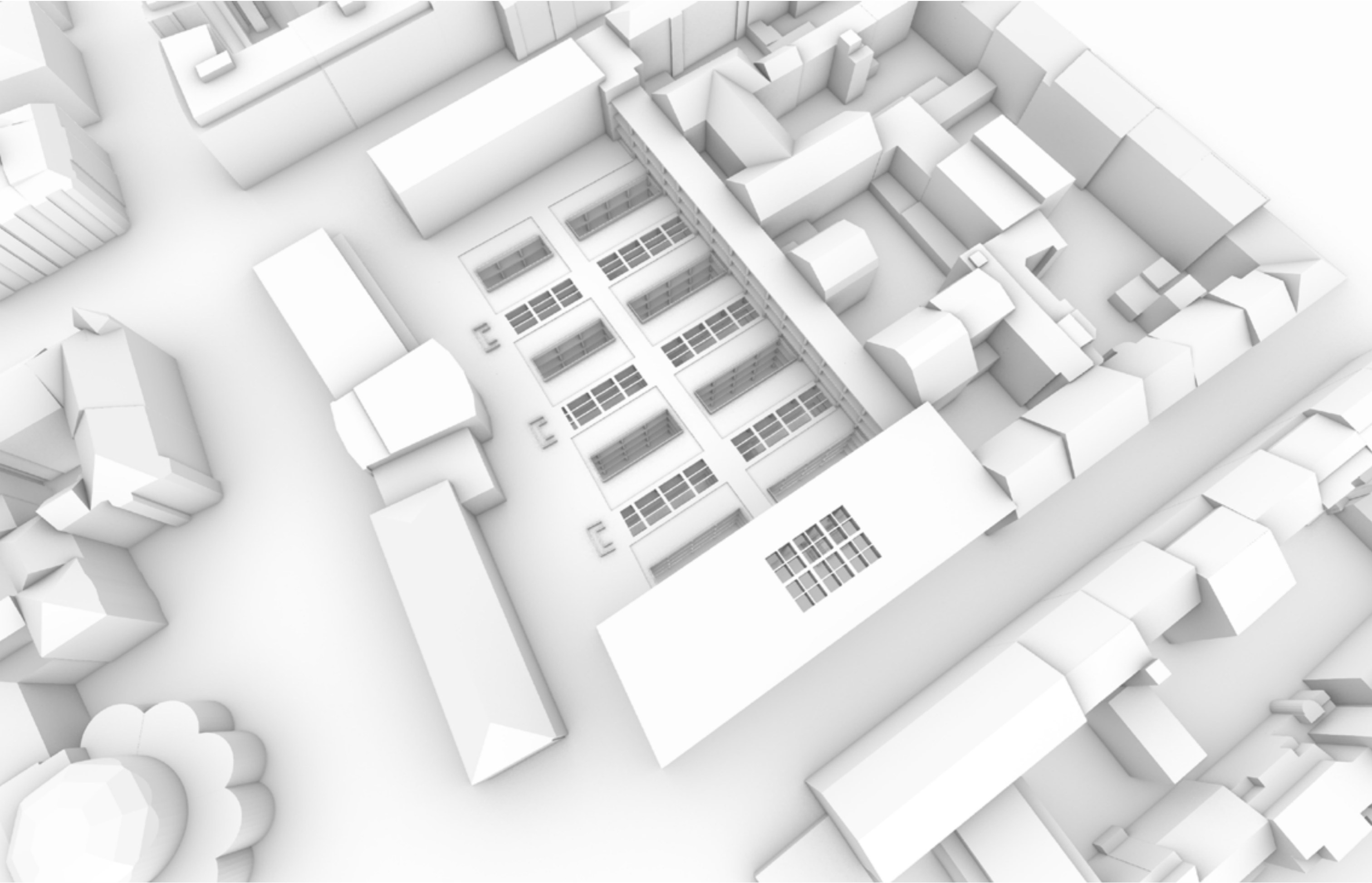


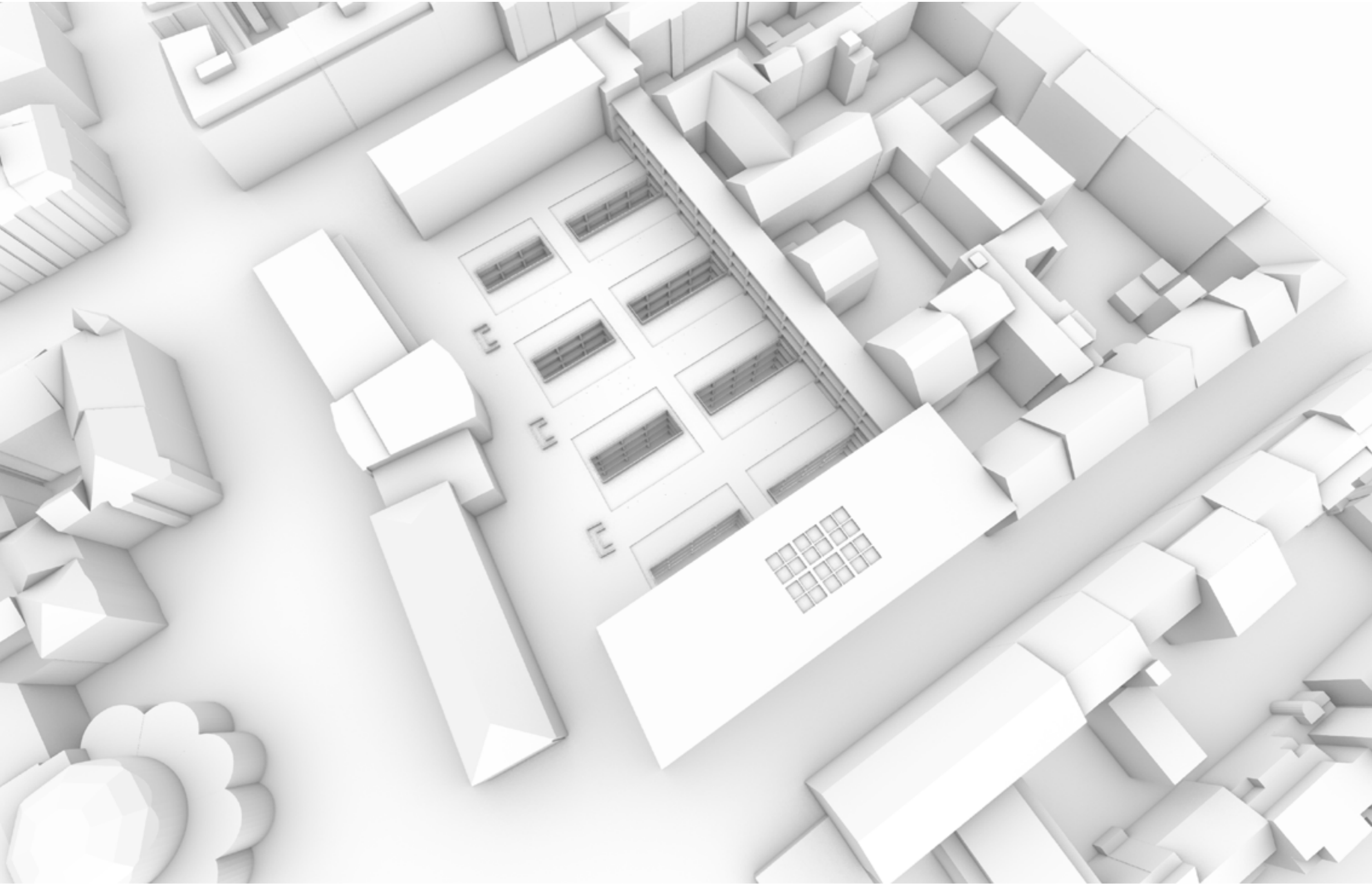


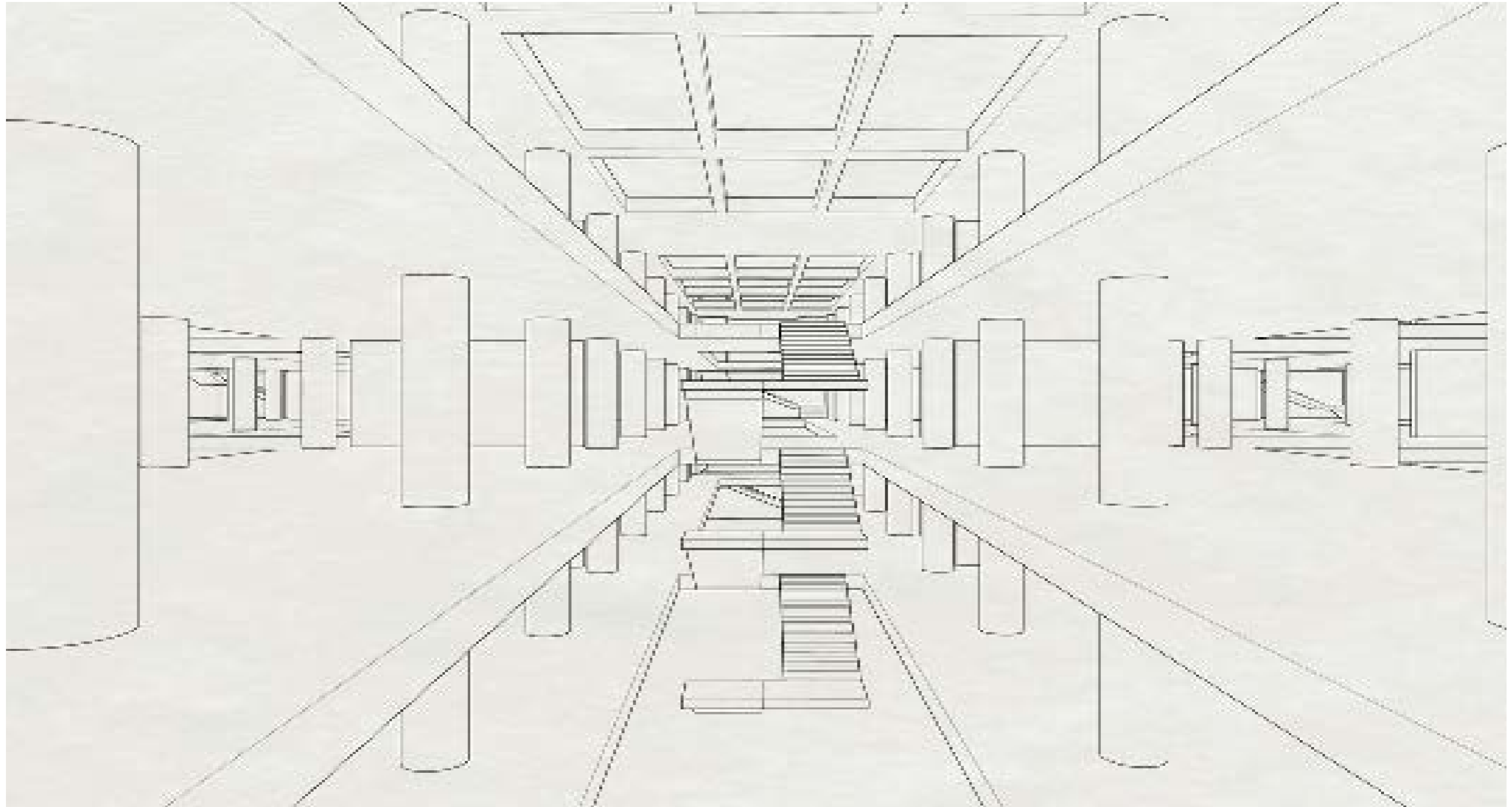












DESIGN | VIEW INSIDE THE UNDERGROUND LEVELS



DESIGN | VIEW INSIDE MAIN HALL



DESIGN | VIEW COURTYARD FACING MAIN HALL

