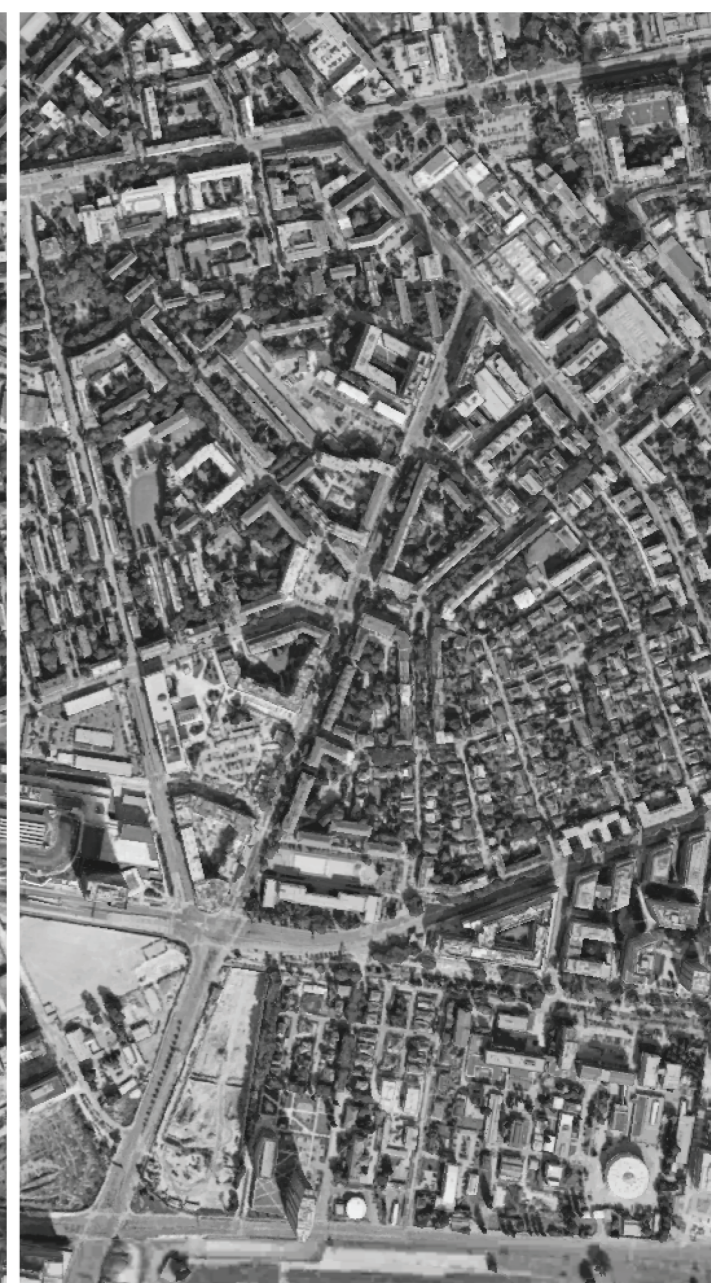
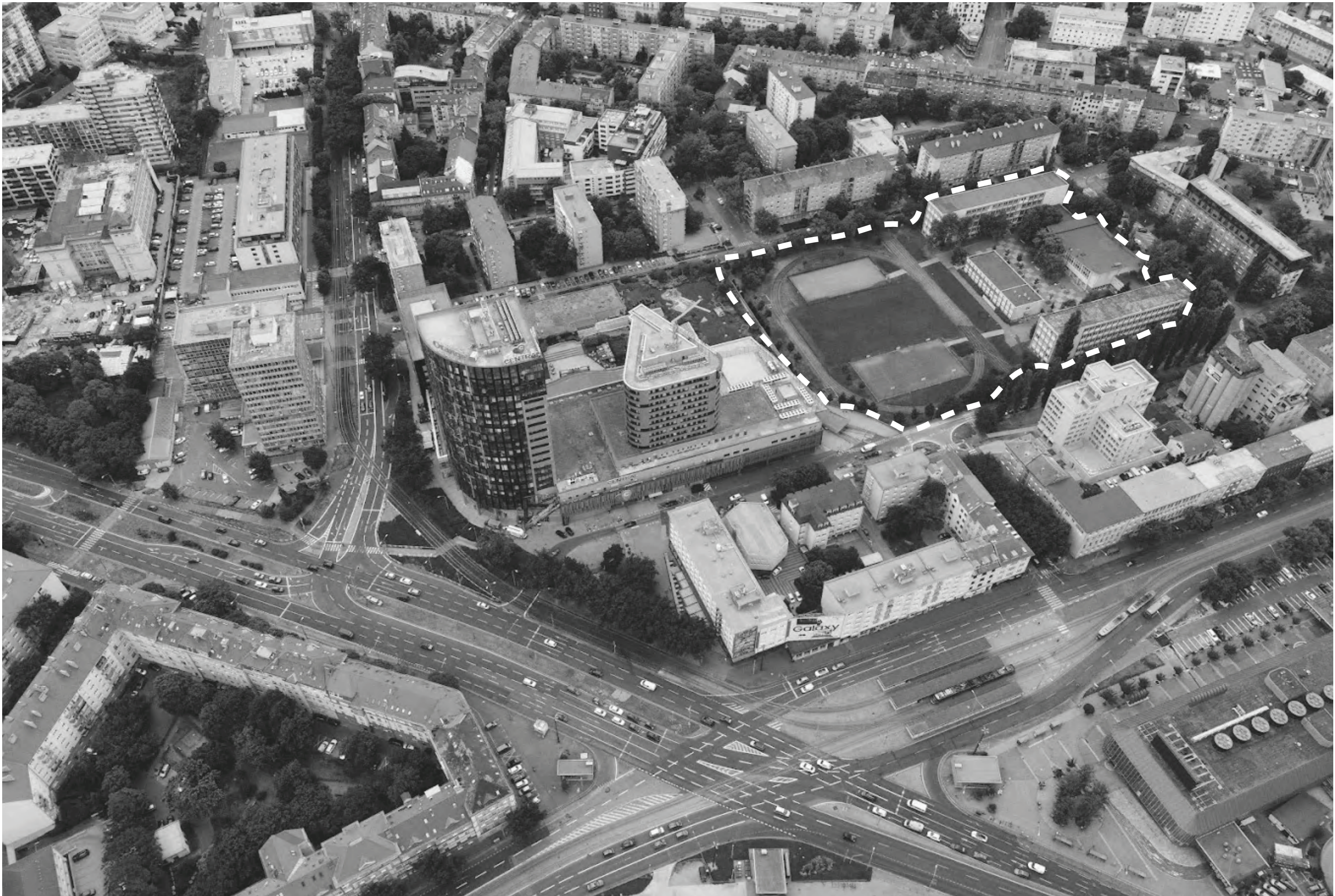


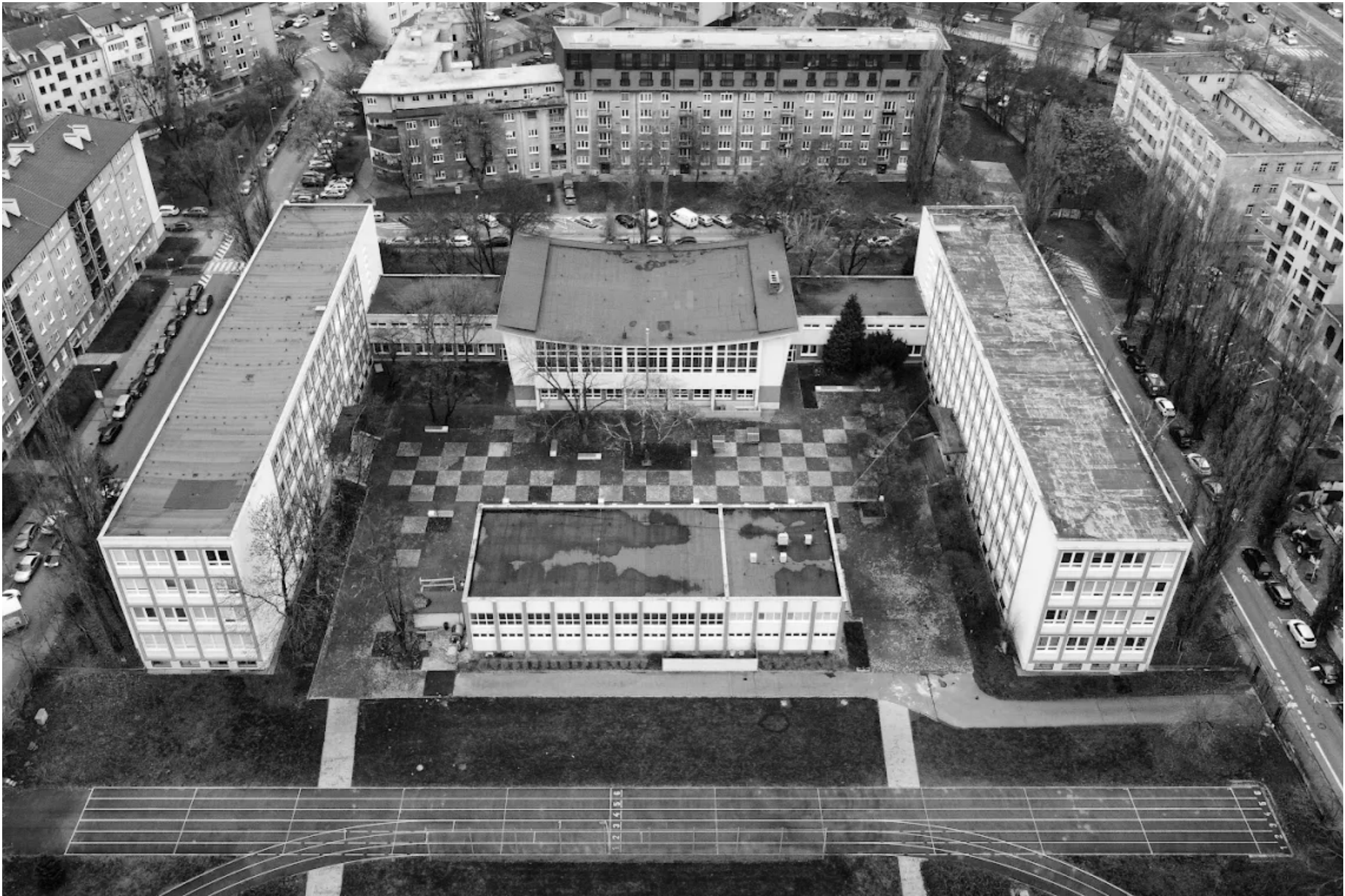


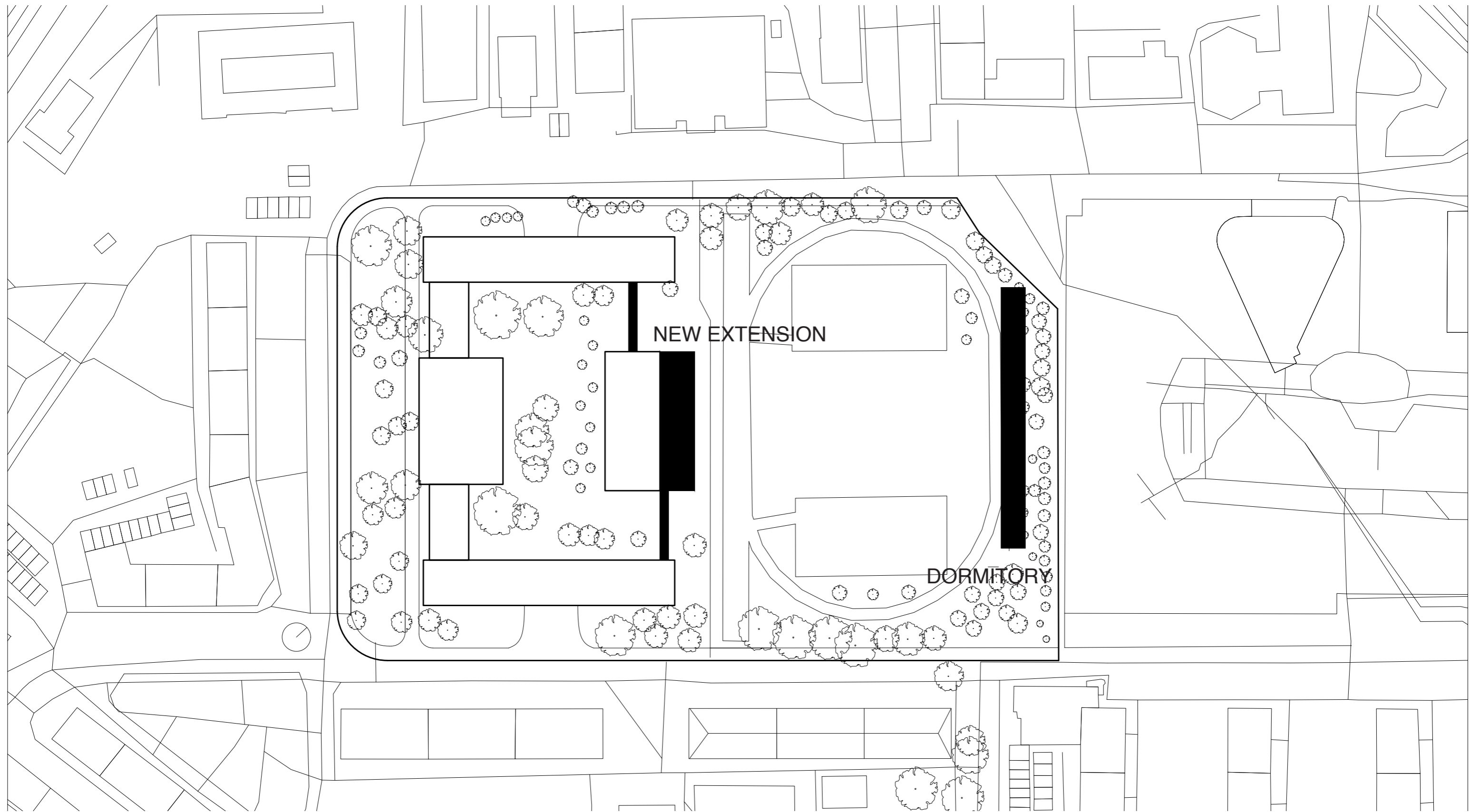
Štefánia Krumlová, in cooperation with Ludovít Jendreják, proposed an atypical 48-class double-school with a gymnasium and sports pavilion for the Záhradnícka mass housing. The attractiveness of the spatial solution and layout arrangement was complemented by a distinctive gray-red color and an ambitious rope roof structure covering the gym (ing. Jozef Poštulka). The extraordinary architectural quality

The project addresses the comprehensive modernization and functional expansion of the secondary school campus on Metodova Street, with the aim of creating a contemporary and flexible educational environment for approximately 1,000 students. The design responds to the needs of modern secondary education, emerging pedagogical approaches, community-oriented use of the school, and a strong integration of indoor and outdoor spaces.



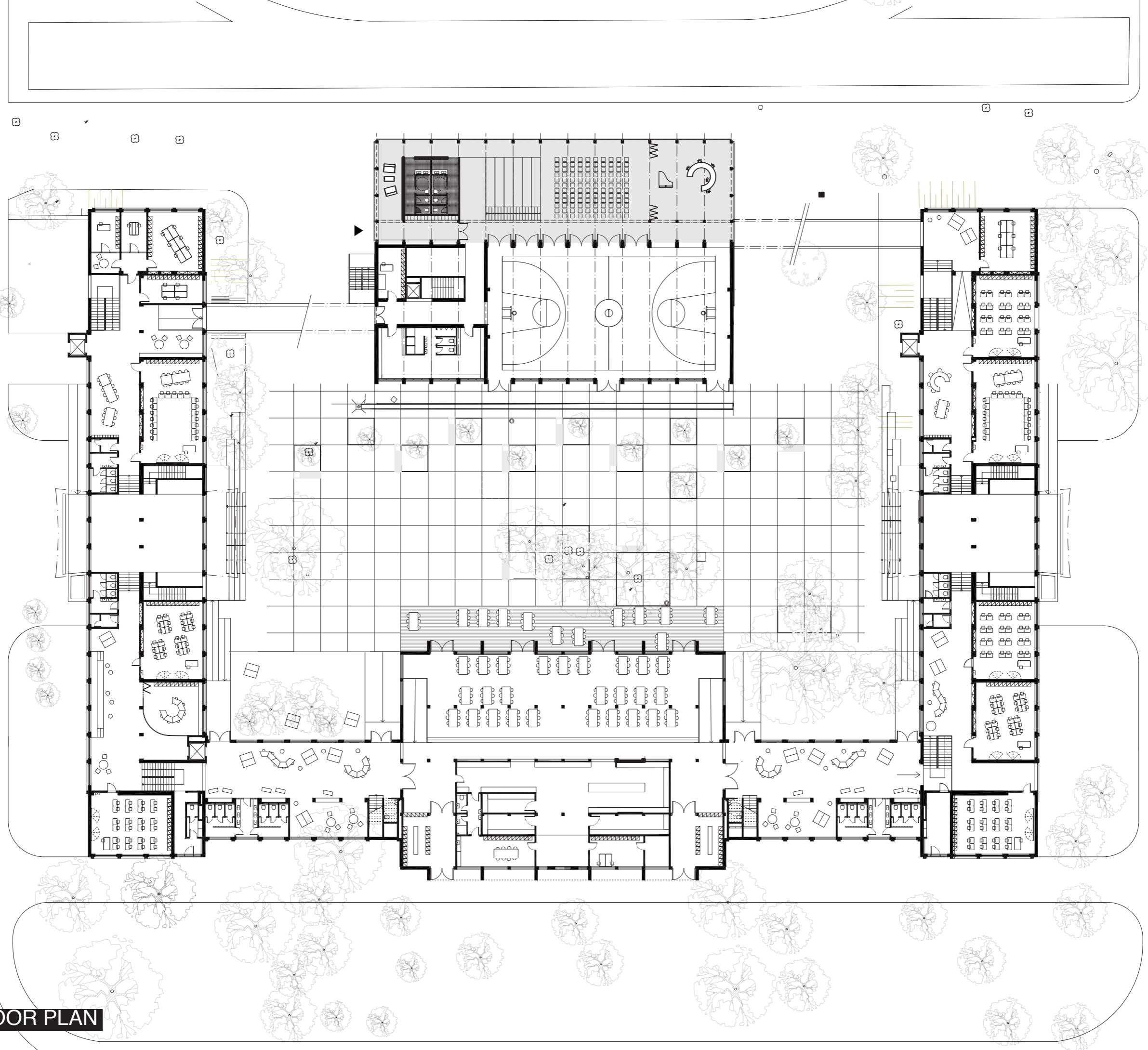




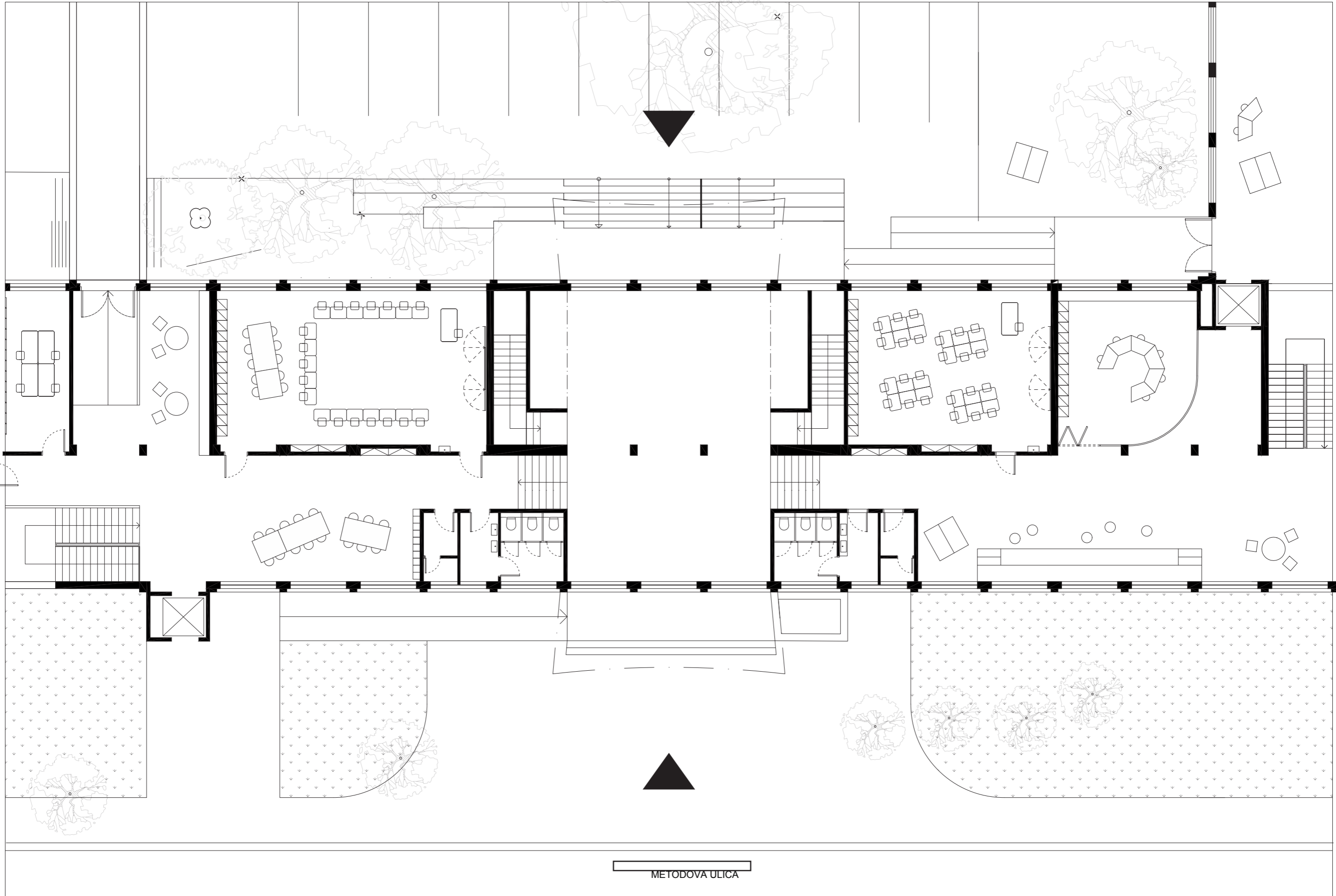


The proposal expands the school campus with a new pavilion that naturally complements the existing buildings without altering the original volume of the small gym. The new structure provides a contemporary and flexible environment designed for sports, educational, and community activities. It accommodates a small gym as well as a multifunctional space capable of supporting a wide range of uses.

The individual buildings within the campus are connected by a system of walkways, ensuring clear circulation and efficient operation throughout the site. The proposal also enhances the school's entrance areas, strengthening their representative and welcoming character. Located at the rear of the site beyond the sports facilities, a student residence complements the campus with accommodation functions and contributes to the creation of a compact and cohesive educational environment.



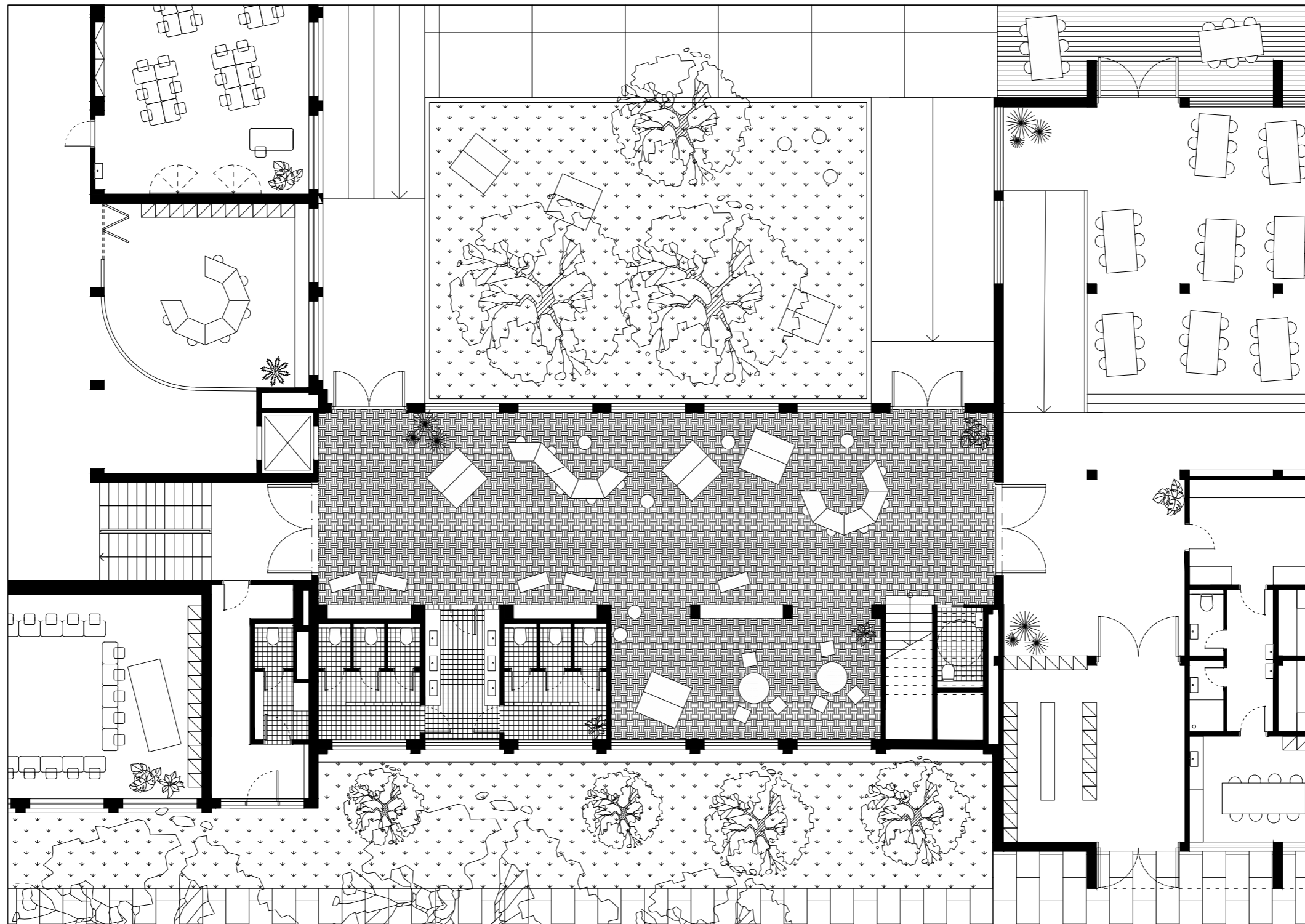
1ST FLOOR PLAN

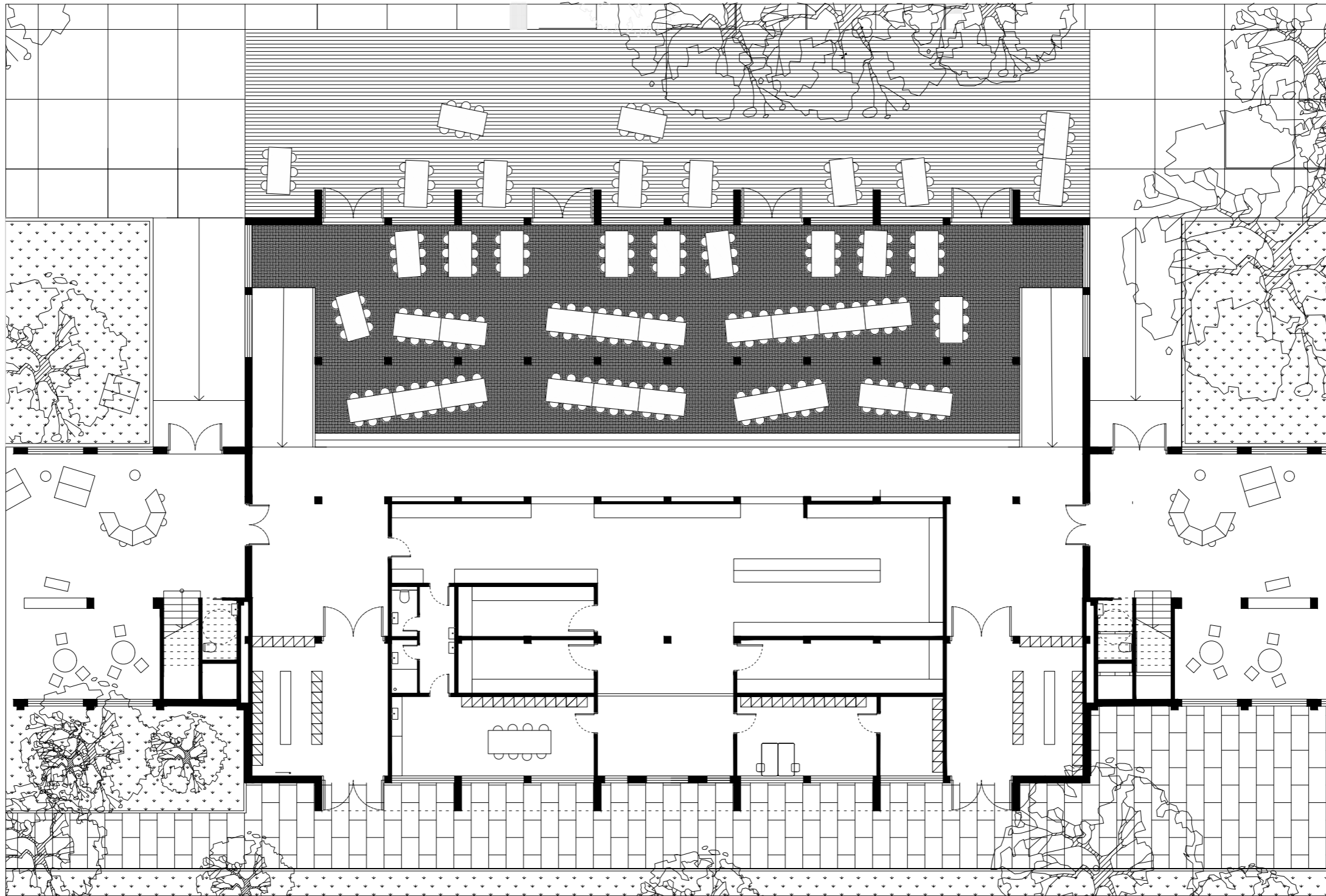


Redesign of the Entrance Foyer



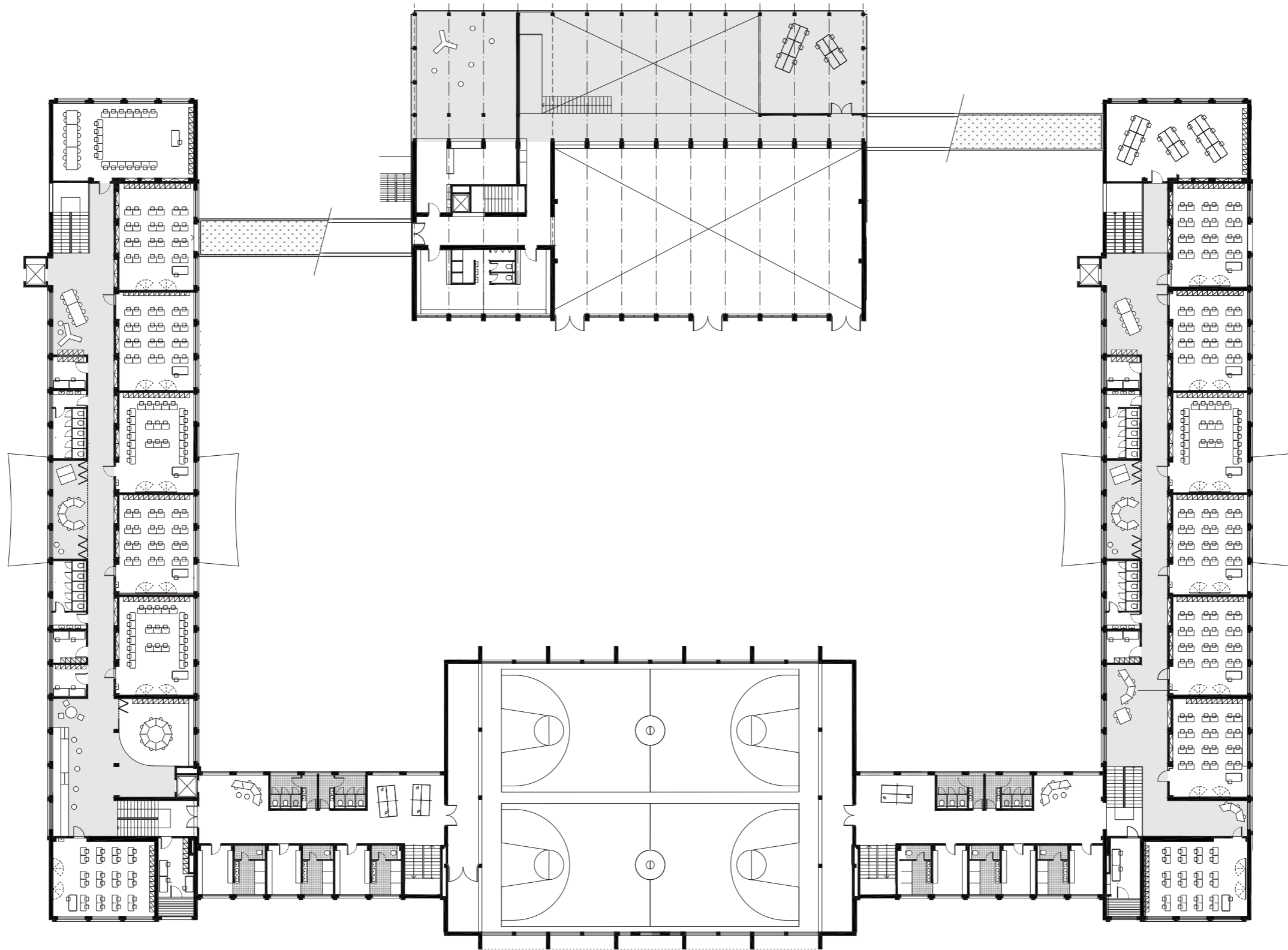






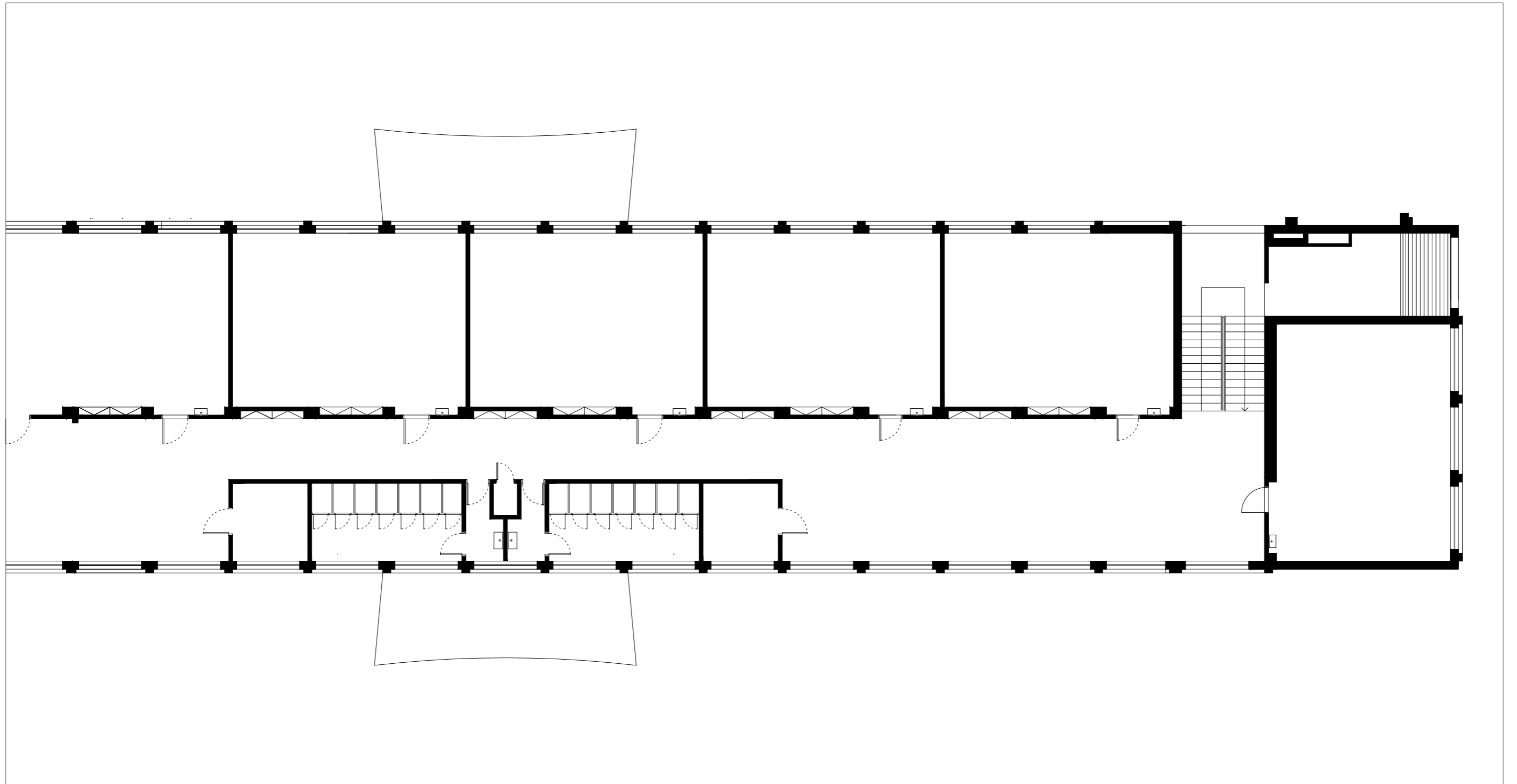


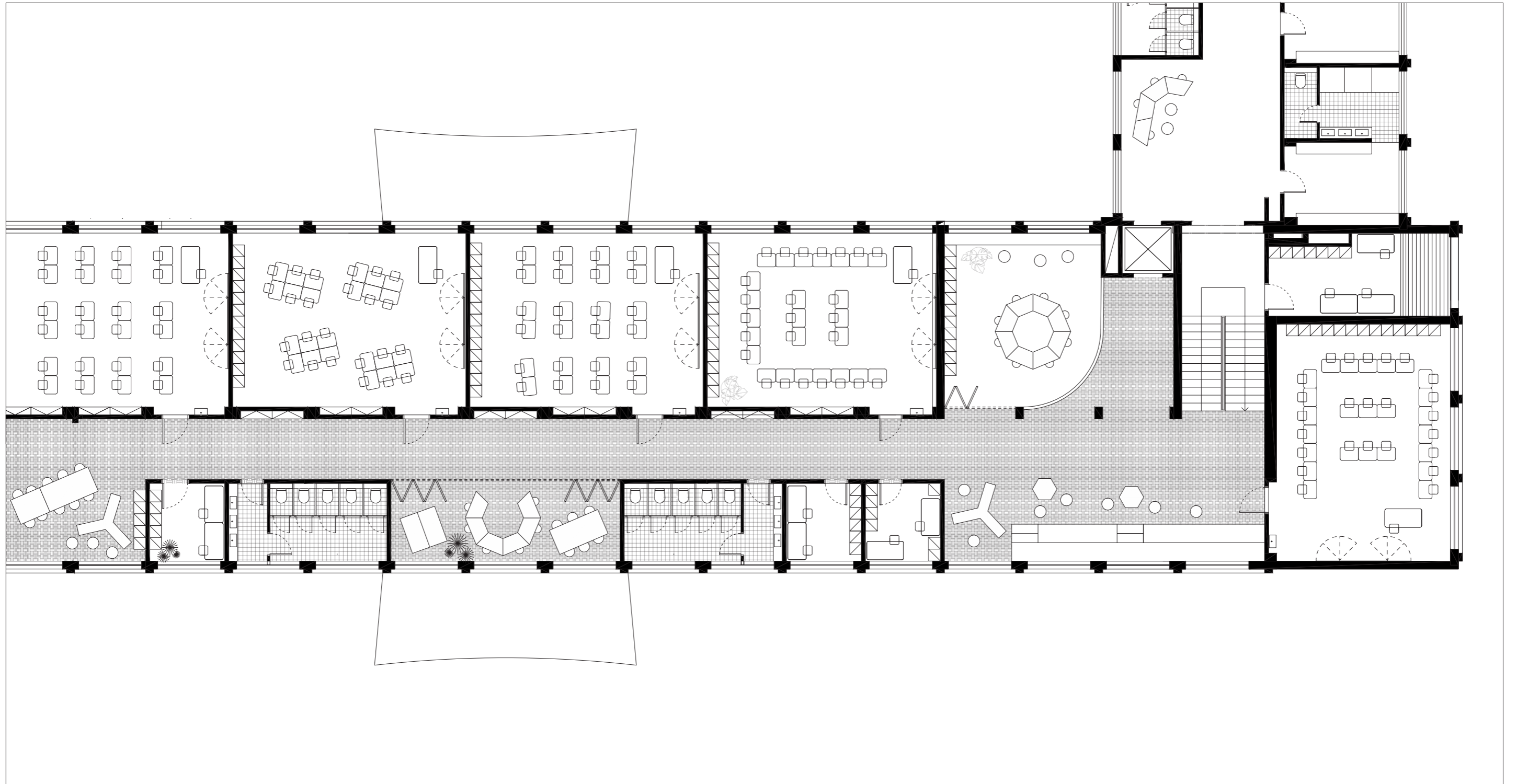


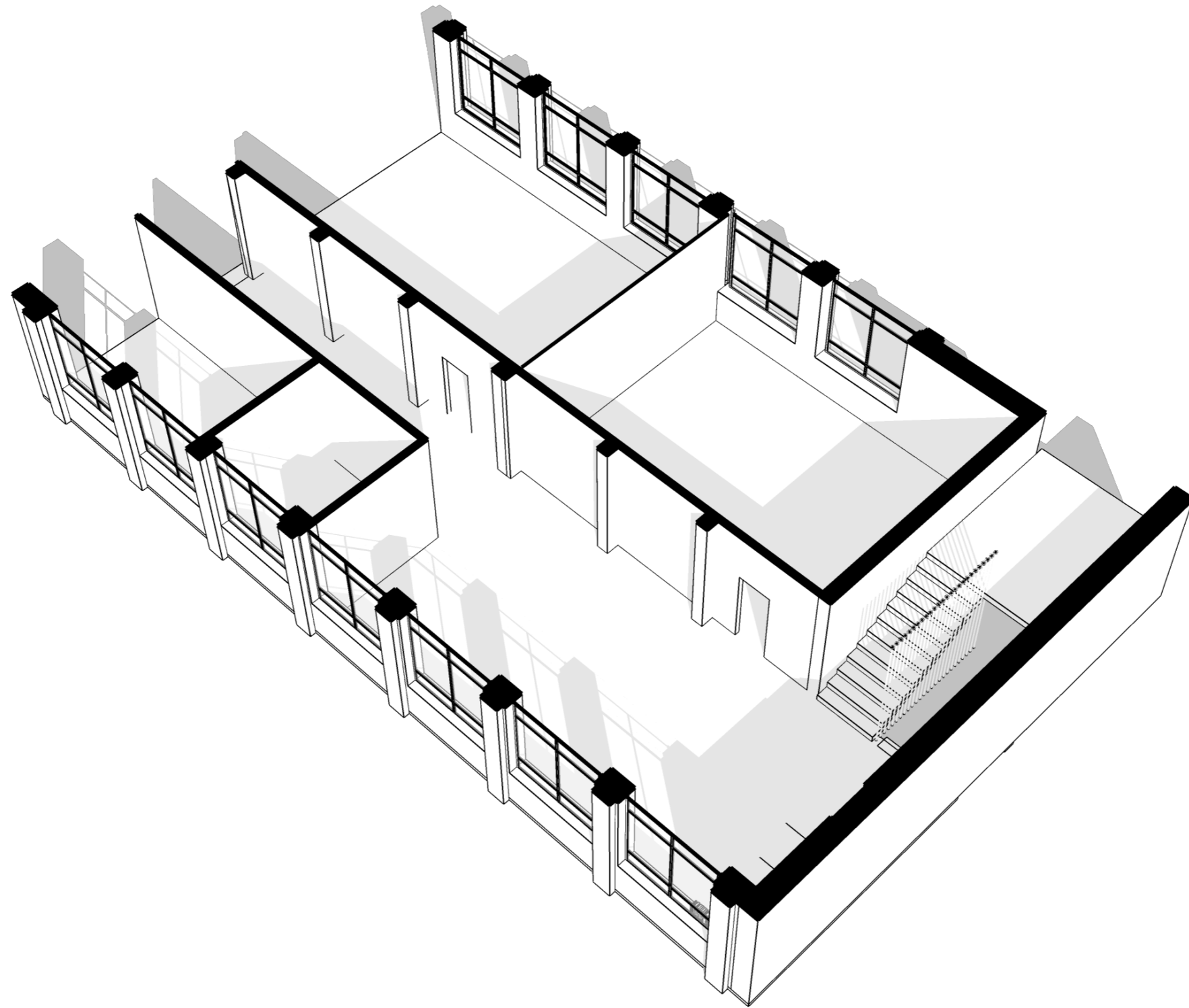


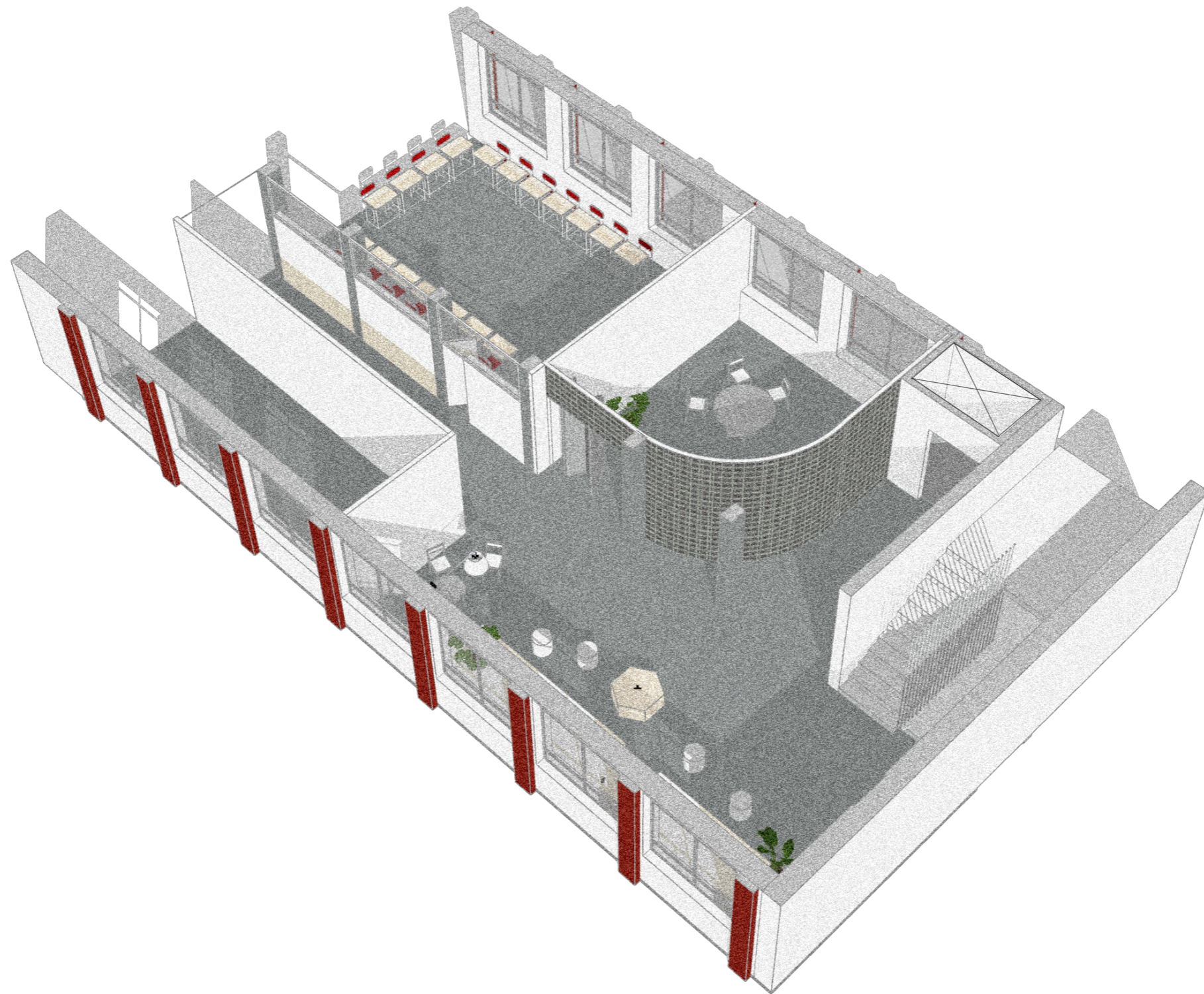
2ND FLOOR PLAN





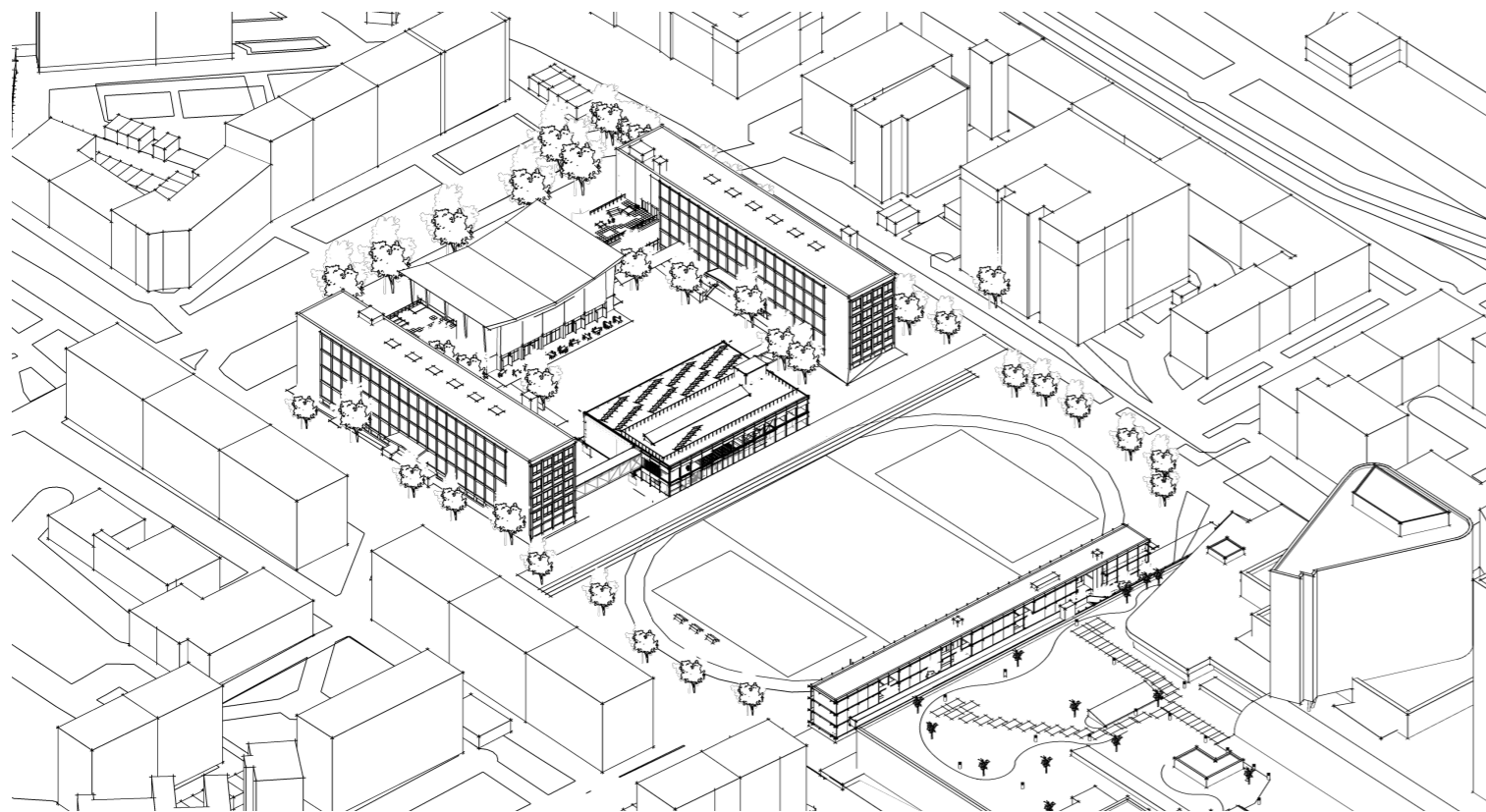












The intervention is conceived as a combination of the renovation of the existing buildings and a new extension directly connected to the original gym. This extension introduces the social and community functions currently missing from the school and expands the possibilities for utilizing the existing sports infrastructure.

Structural System and Material Strategy

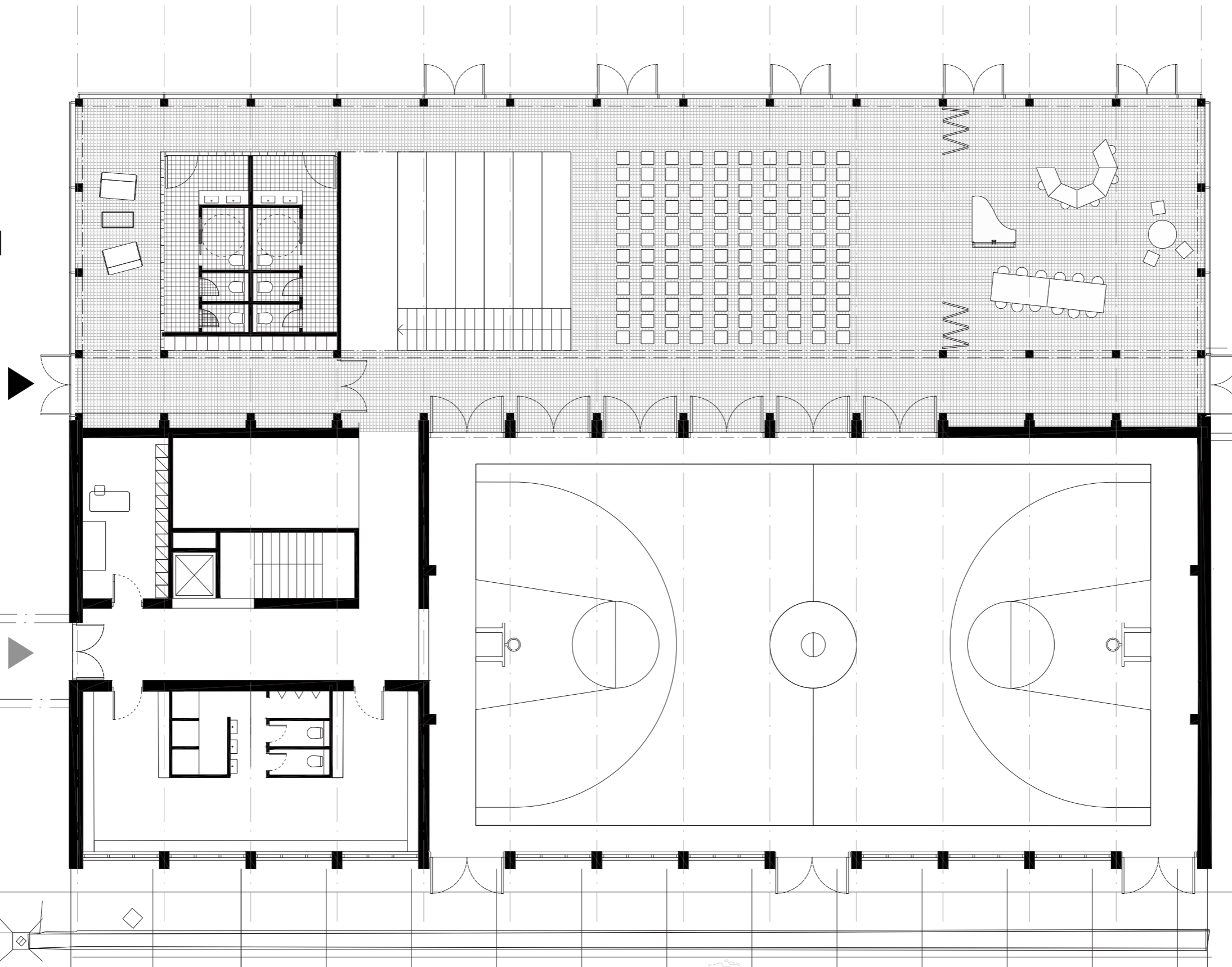
The extension is designed as a timber frame structure consisting

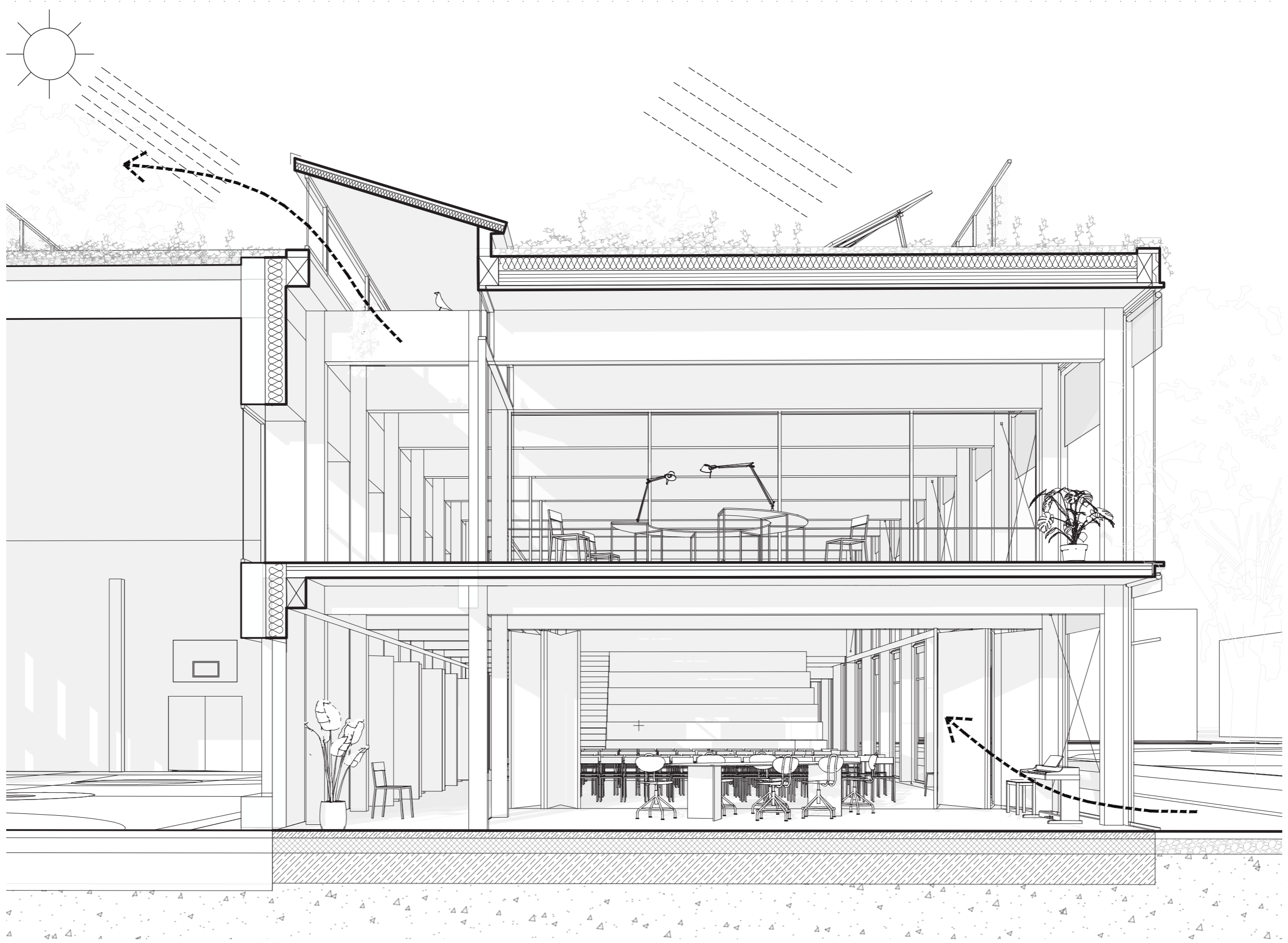
- * load-bearing elements made of glued laminated timber (BSH) beams,
- * wall and floor structures formed by CLT (Cross-Laminated Timber) panels.

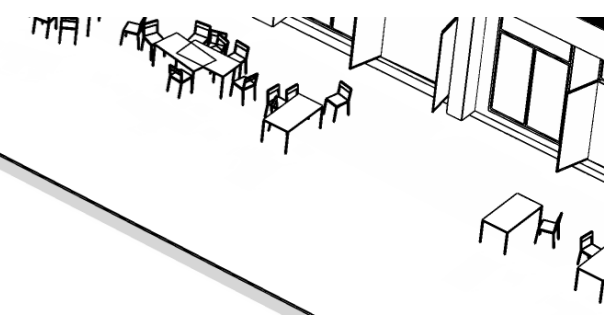
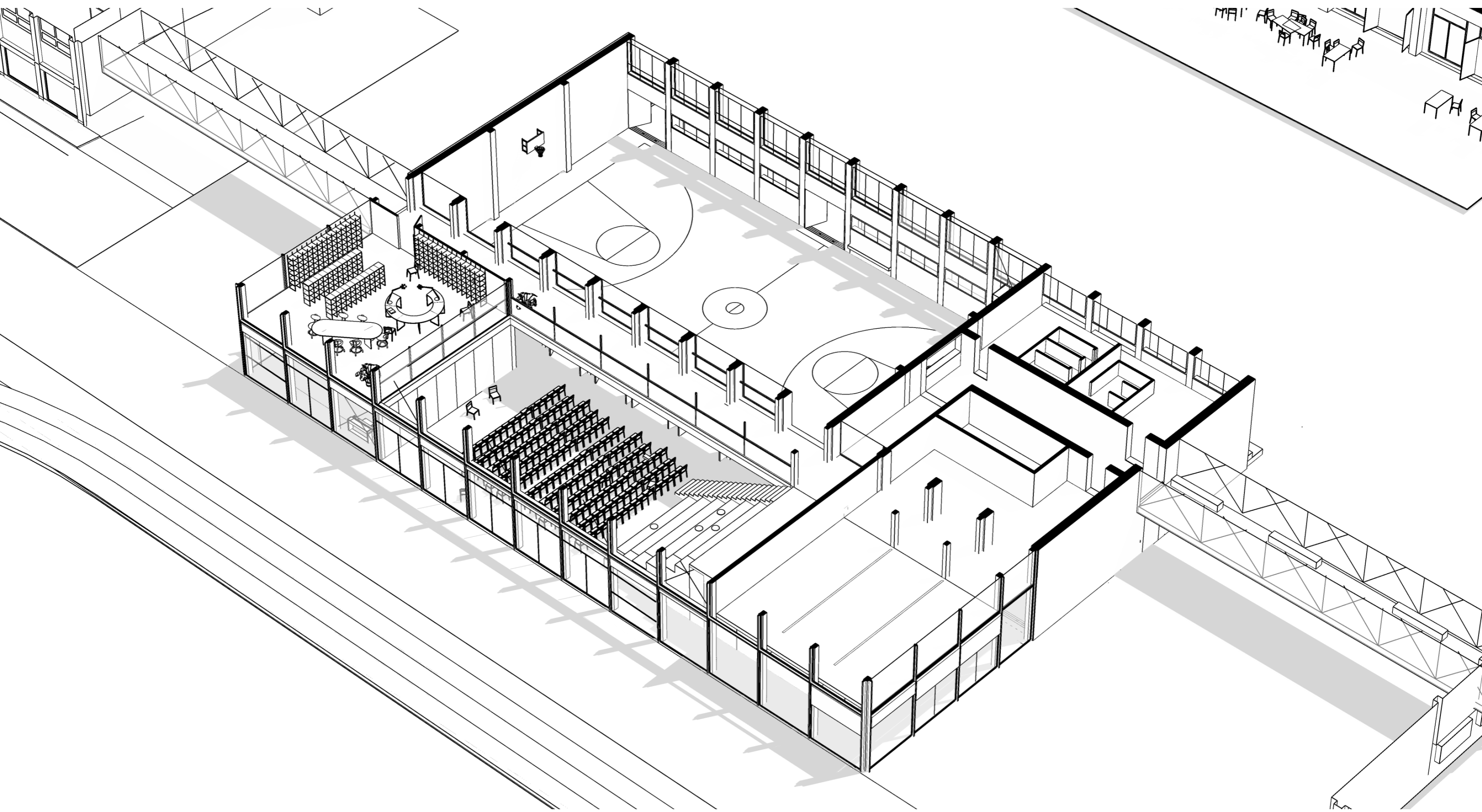
The use of timber construction is a deliberate architectural and environmental decision that:

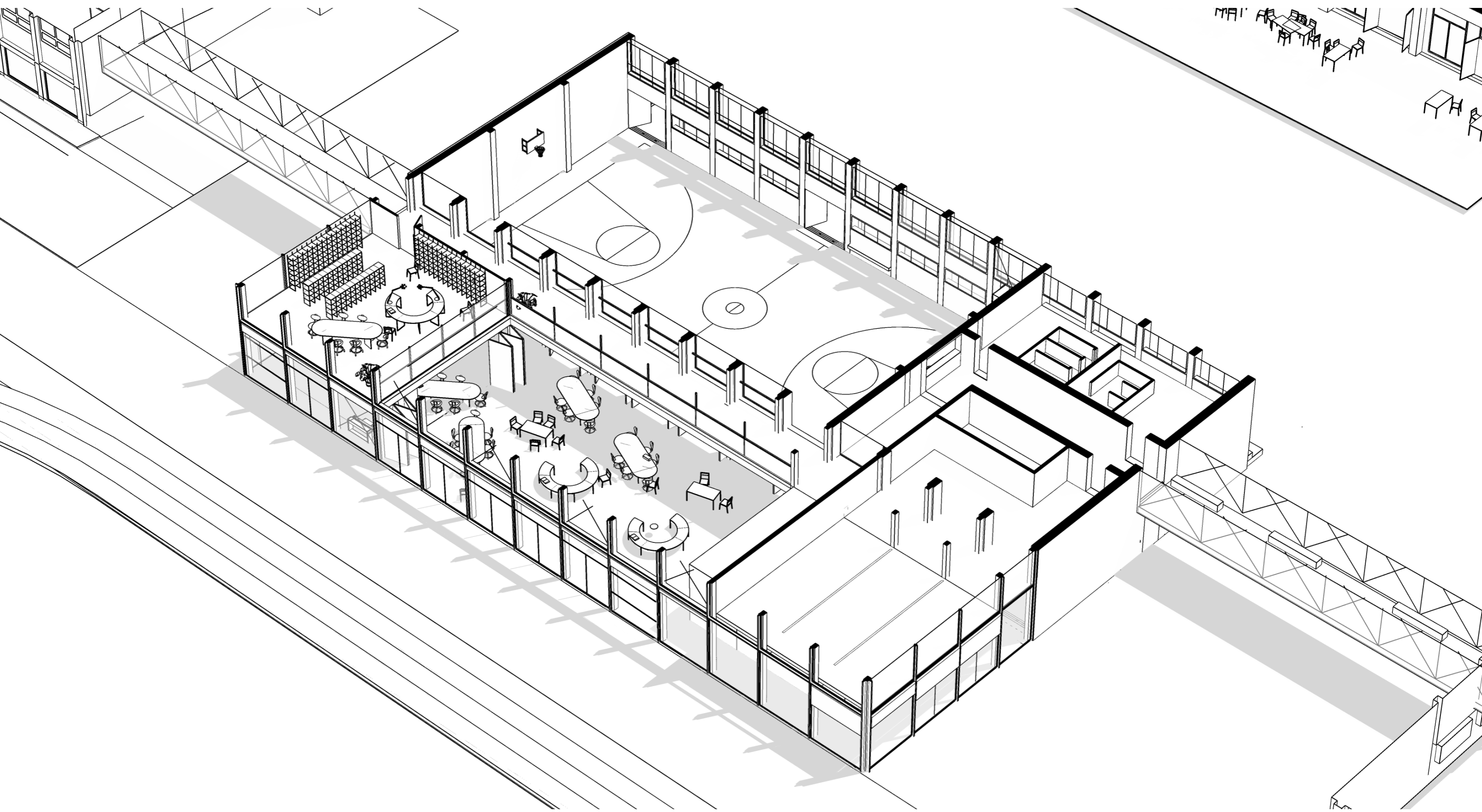
NEW EXTENSION

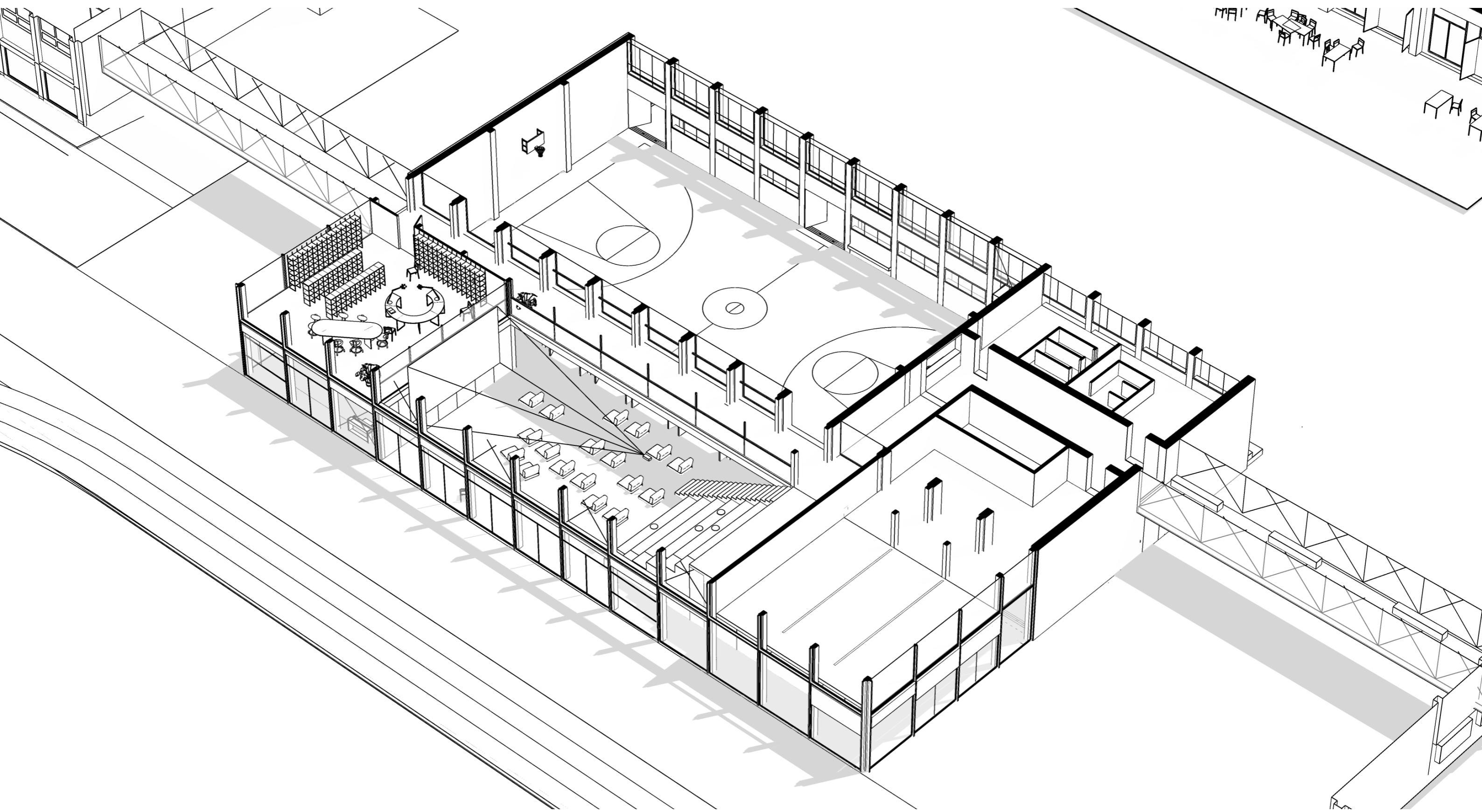
EXISTING GYM

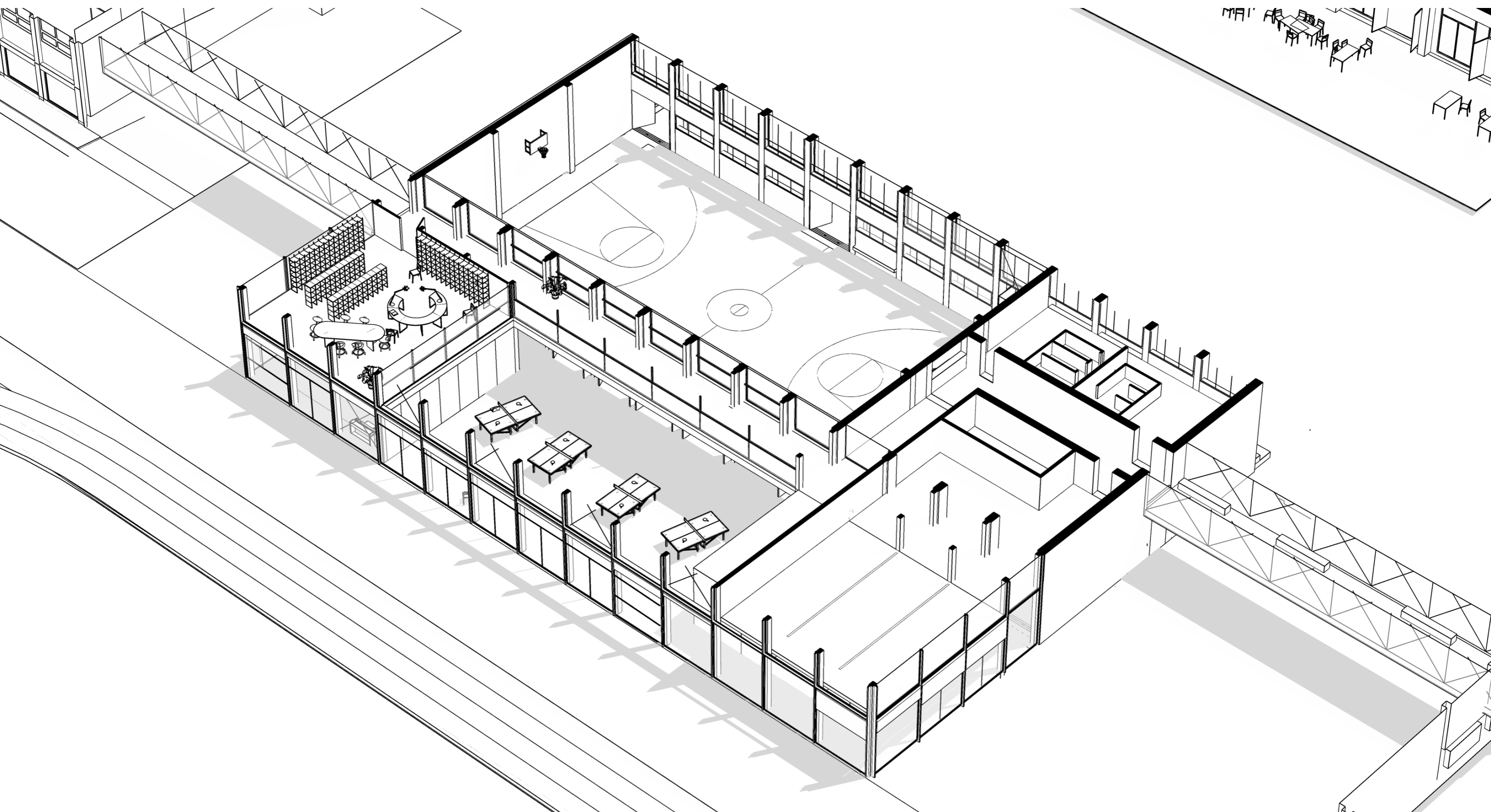






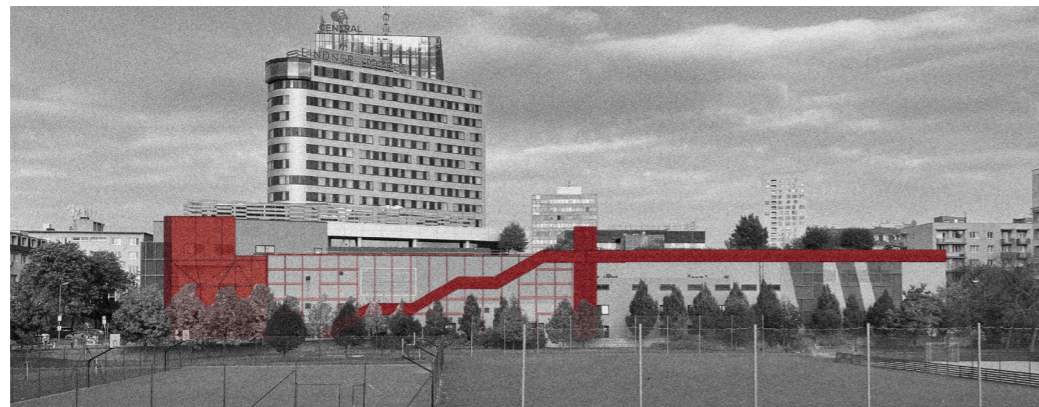
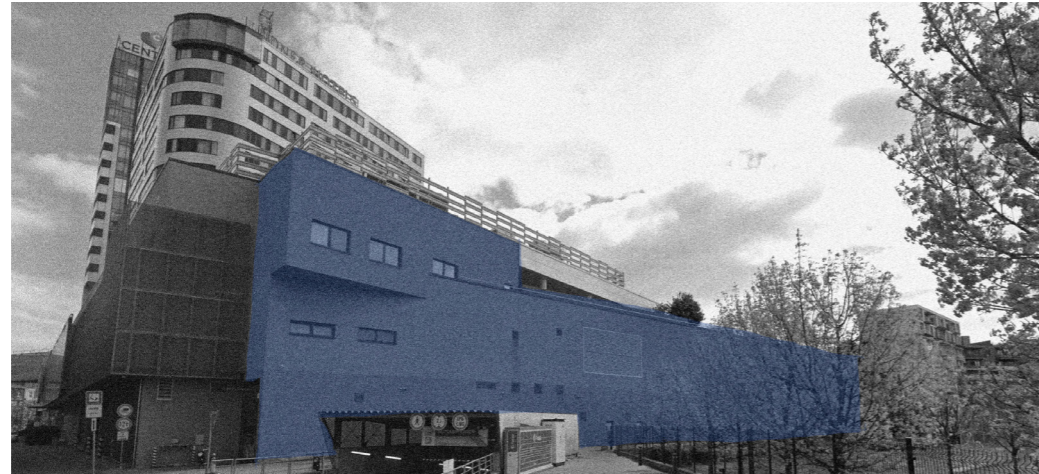








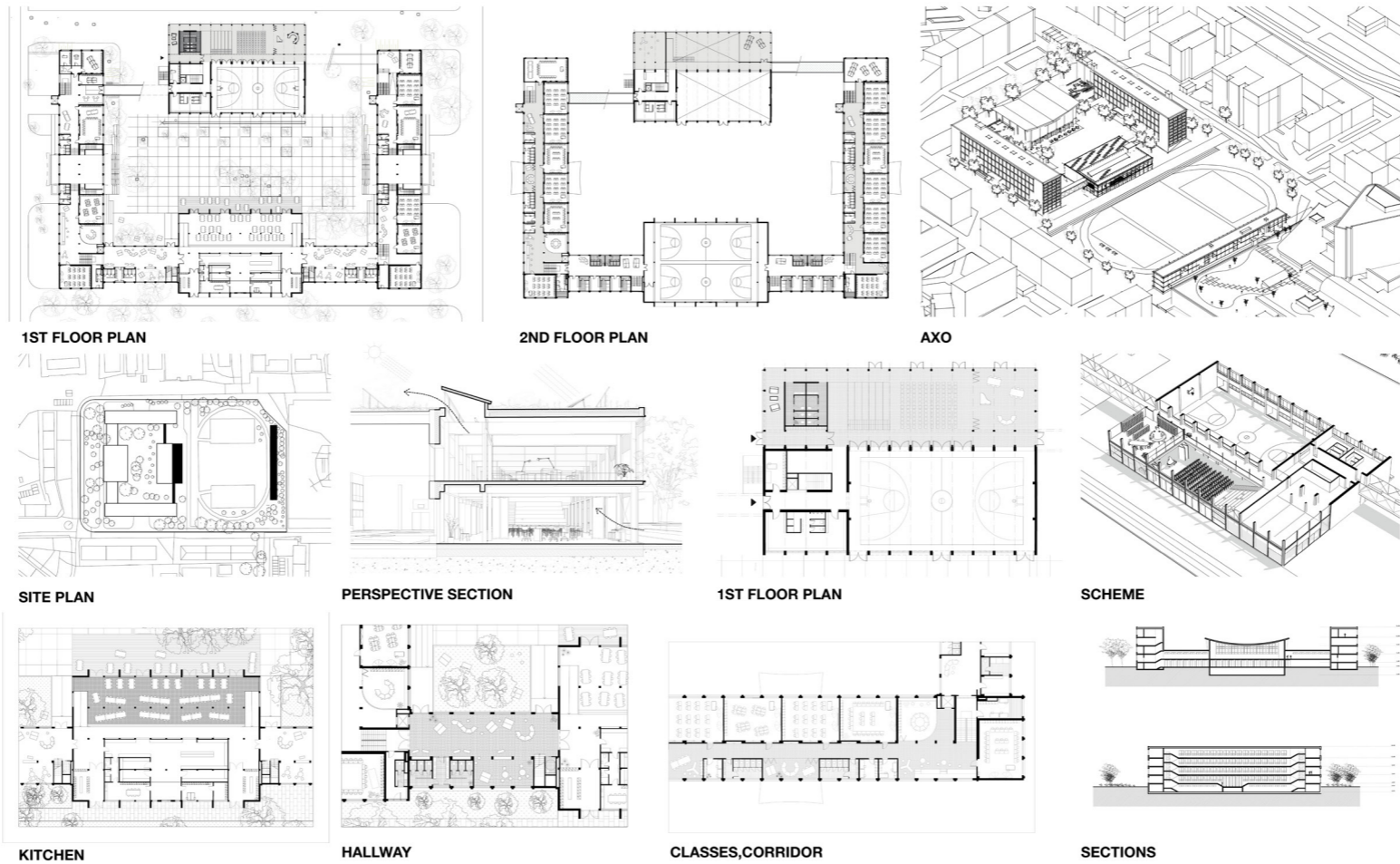




In close proximity to the school, there is a shopping center with an unattractive façade that has a significant impact on the surrounding environment. Since the building directly influences the character of the area, I decided to propose a redesign of its façade. The concept introduces an external staircase that provides access to a gym, a swimming pool, and a food court located within the building. In addition, a climbing wall is integrated into the façade to further enhance the functionality of the adjacent multifunctional sports complex. The proposal aims to improve the visual appearance of the shopping center while creating new opportunities for recreation, sports, and social interaction.



RE:DESIGN OF METODKA
BRATISLAVA HIGH SCHOOL WITH TRADITION



This project was developed
as a studio design assignment
under the supervision of
Ing. arch. Pavol Paňák.
The design was created as
an entry for the international
student competition
Xella.



Matúš Meňhert

Slovak University of Technology in Bratislava
Faculty of Architecture and Design