

COLLECTIVE HOUSE

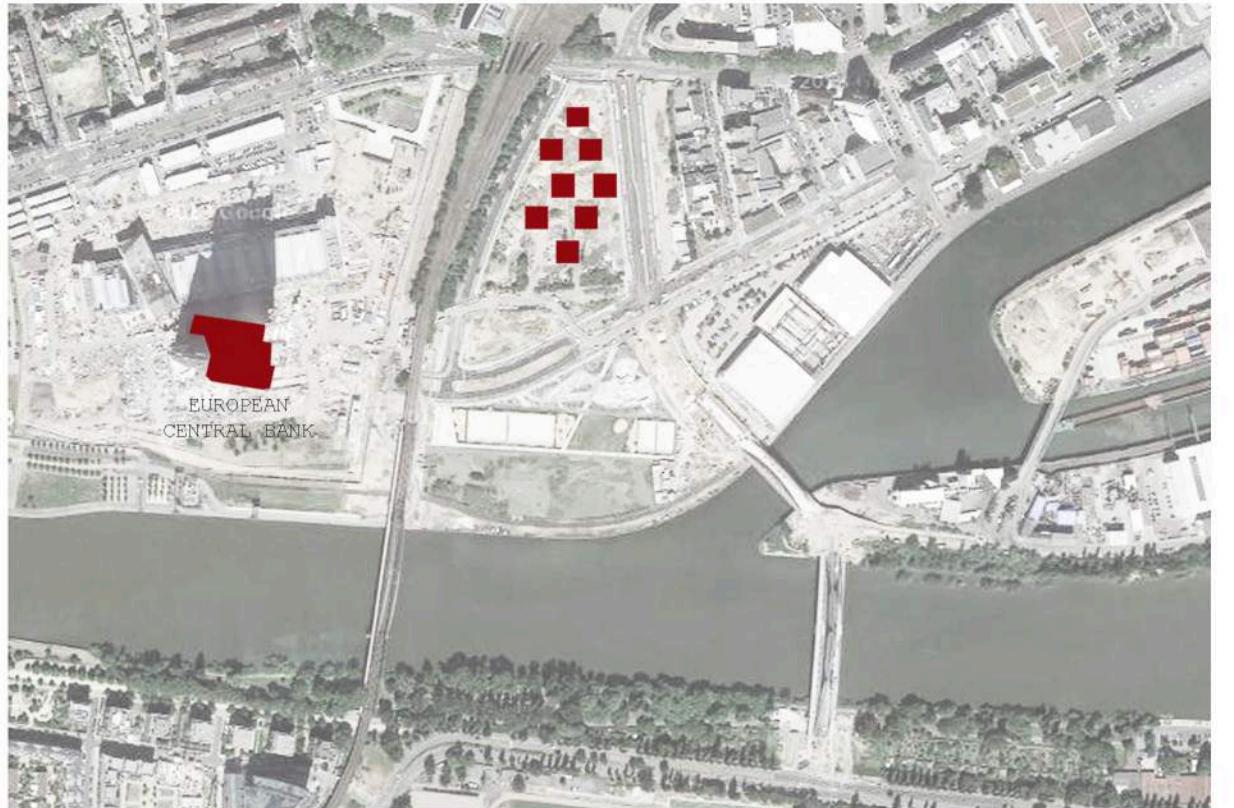
When someone arrives in a new country need first of all human contacts, need to stay together with other people, need to built a new social life. The refugees arrive here in Europe in very difficult conditions, but they arrive together. The target for this reason must be to create a space in which they can continue to stay together. This is the starting point of the project: to propose a model in which people can share spaces, moments and emotions, avoiding the idea of "living in a box".

The typical scheme of modular housing is based on the repetition of one element to build terraced houses, linked together by a catwalk mainly used as entrance to the dwellings.

In this scheme everyone lives in their own apartment without spaces of relation. The project try to break this scheme by organizing the dwellings in continuity with collective areas. On the ground floor the apartments are placed around a central courtyard, while on the first floor the common space is articulated in common terraces and passages. The apartments are designed in order to have a private part separated by a "collective" part with a central service core. The collective area works at the same time as internal distribution for the apartments, and as continuity space with the outside.

On the ground floor the central courtyard, as well as on the upper floor the catwalk, can "enter" inside the apartments creating a unity between the different housing units, encouraging the social contacts between the inhabitants.

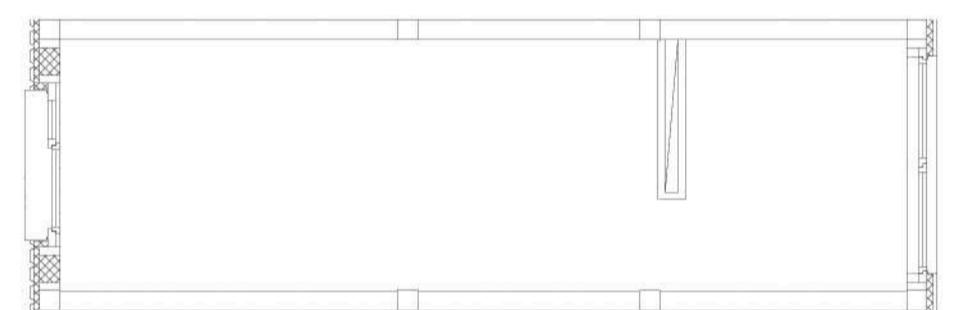
The integration with the urban context is also very important; the new residential complex must be seen not as a closed ghetto, but as friendly quartier in which everyone can quietly walk. The opened structure of the building allows infact a direct relation with the city and the external context.



Frankfurt am Main_Hanauer Landstrasse 110_GERMANY

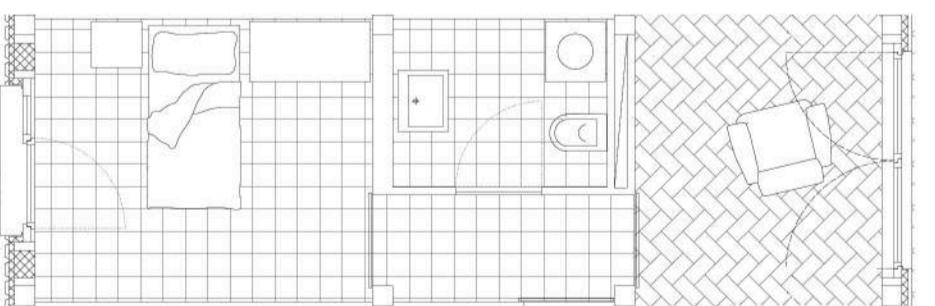
SITE

The site chosen is Frankfurt am Main, the financial center of Europe, in the heart of Germany, and more precisely an empty area near the new building of the European Central Bank. This part of the city is in great expansion: it was in the past the port on the Main, and now is becoming a new residential centre for Frankfurt. The symbolic presence of the skyscraper of the ECB can be an important message of the Europe towards the refugees.

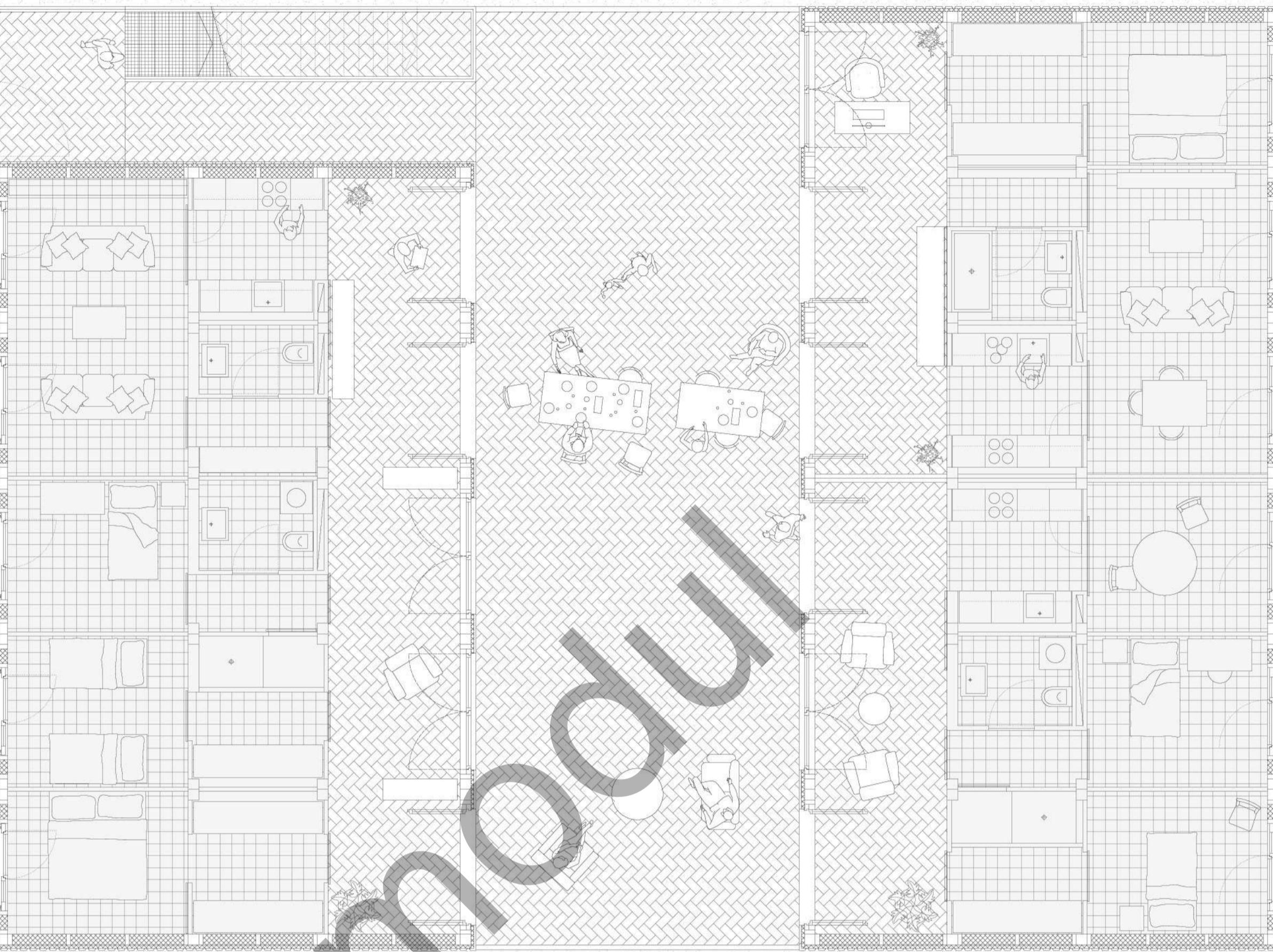
**STRUCTURE**

Each modul is 1,85x9,00m in order to the transportable requirements. The basic structure is composed of steel pillars 20x20, a steel ceiling, and the placement of the technical installations. The simplicity of the structure allows a faster construction fase.

Private Service Collective

**CONCEPT**

The necessity to use a narrow transportable module, have a direct impact on the design of the dwelling. The main idea is to create two different areas: a private one and a "collective" one, separated by a technical core that can serve both the spaces. The result is a great flexibility in the organization of the functions: each apartment can be organized in a different way according to the needs of the inhabitants, and not only. The refugees arrive in Europe not always as "traditional family", but as different kind of groups of people. For this reason the "traditional scheme" of house can be not always proper. In the project however the same surface can be used for example to host a couple with two children, or a group of four people, simply adding or removing a wall, always within the same structure.



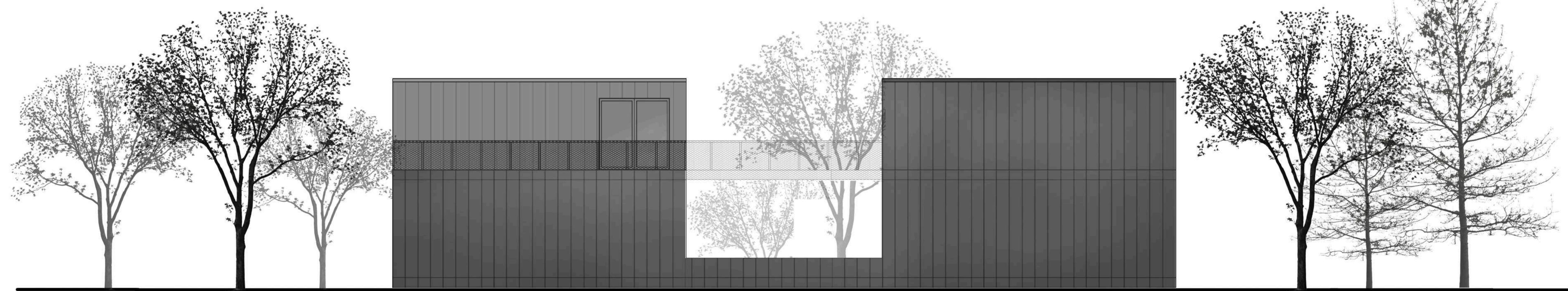
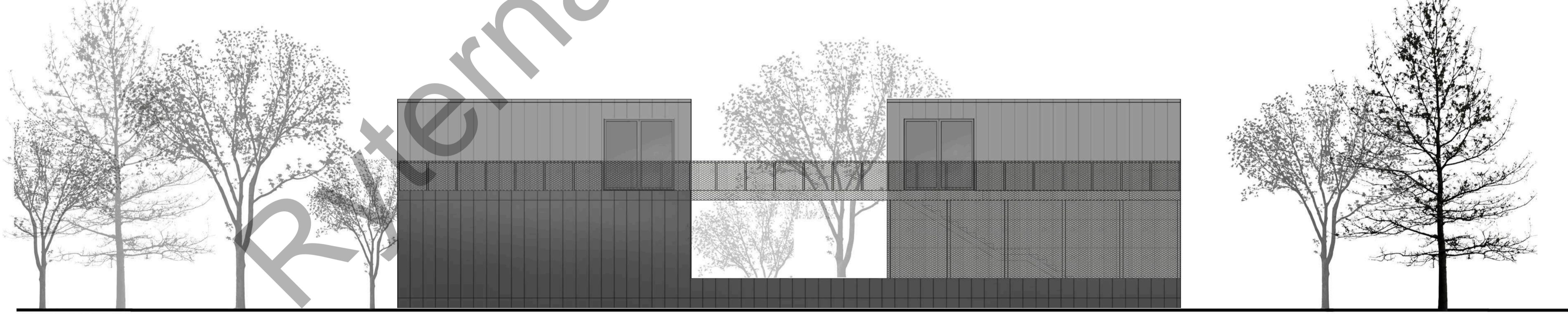
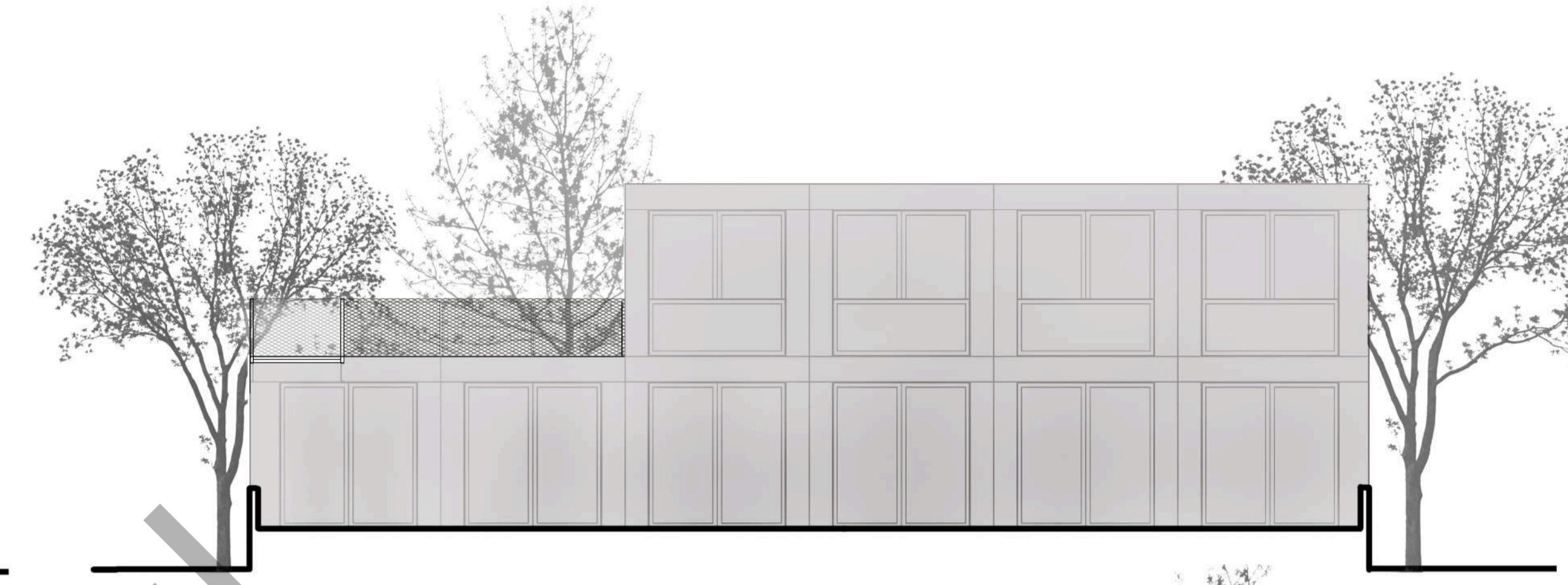
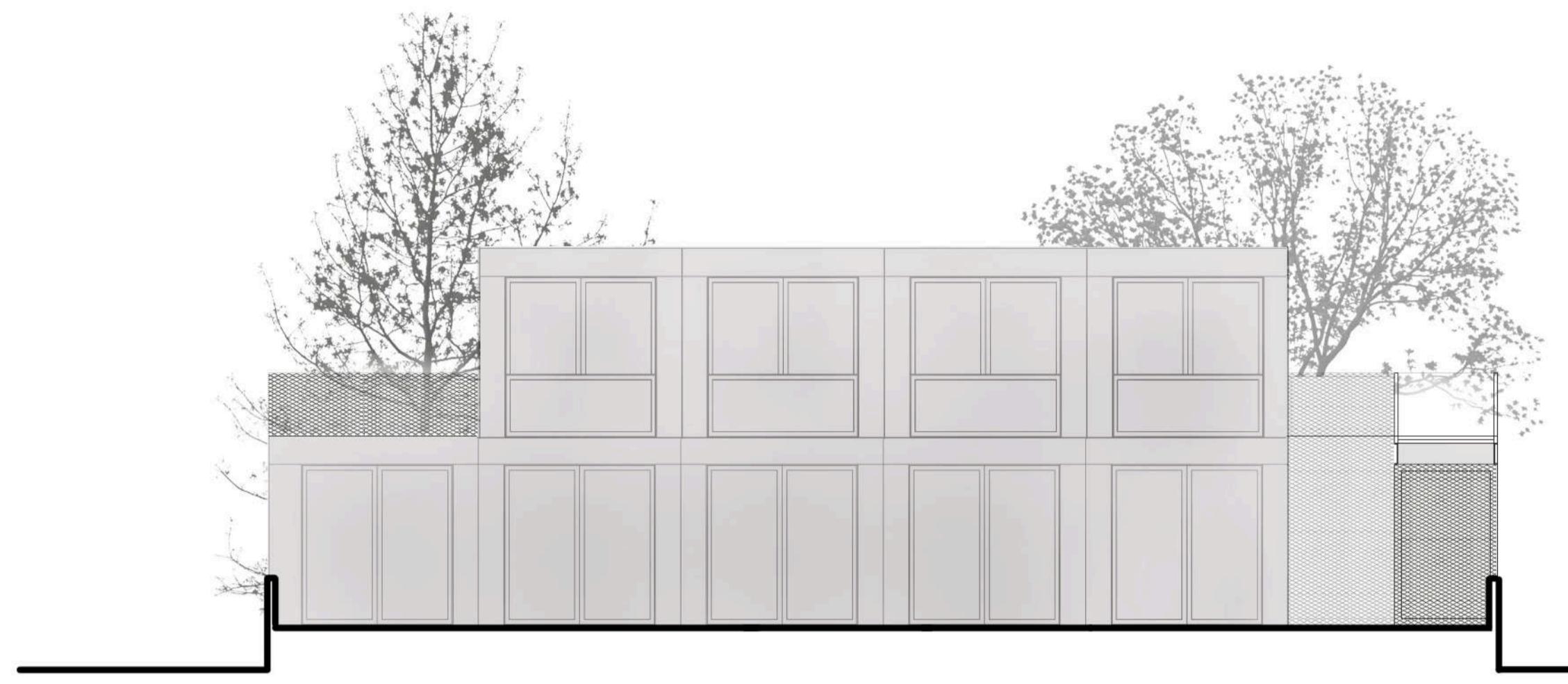
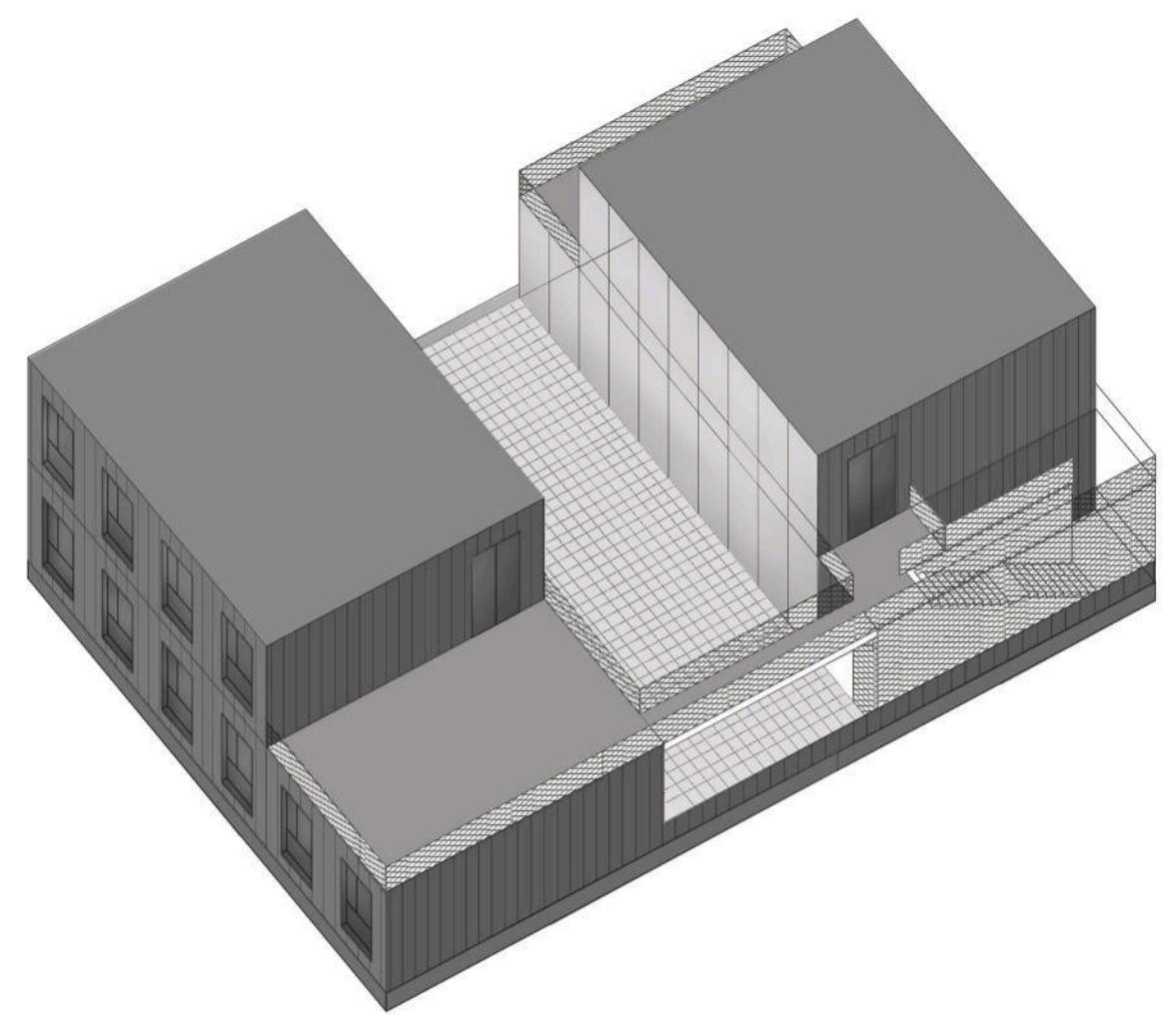
GROUND FLOOR

0 1m 3m 5m

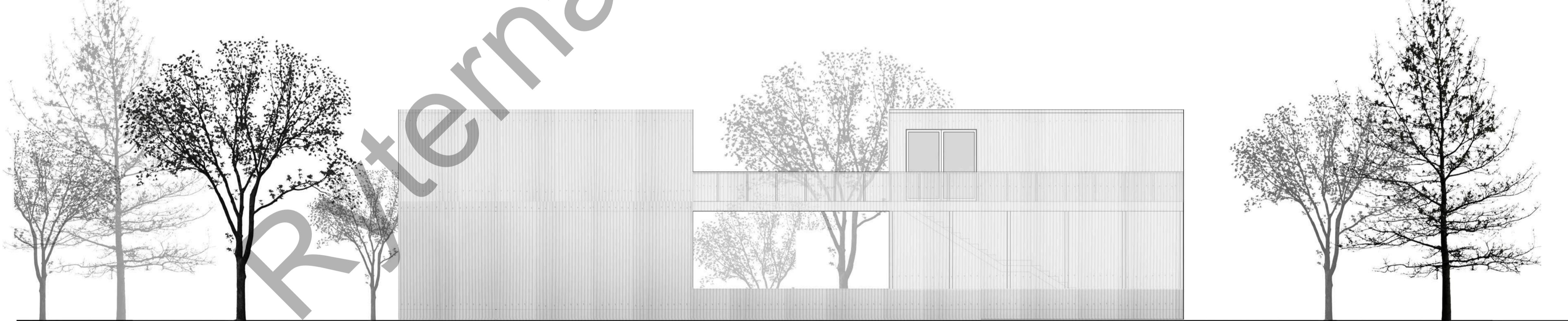
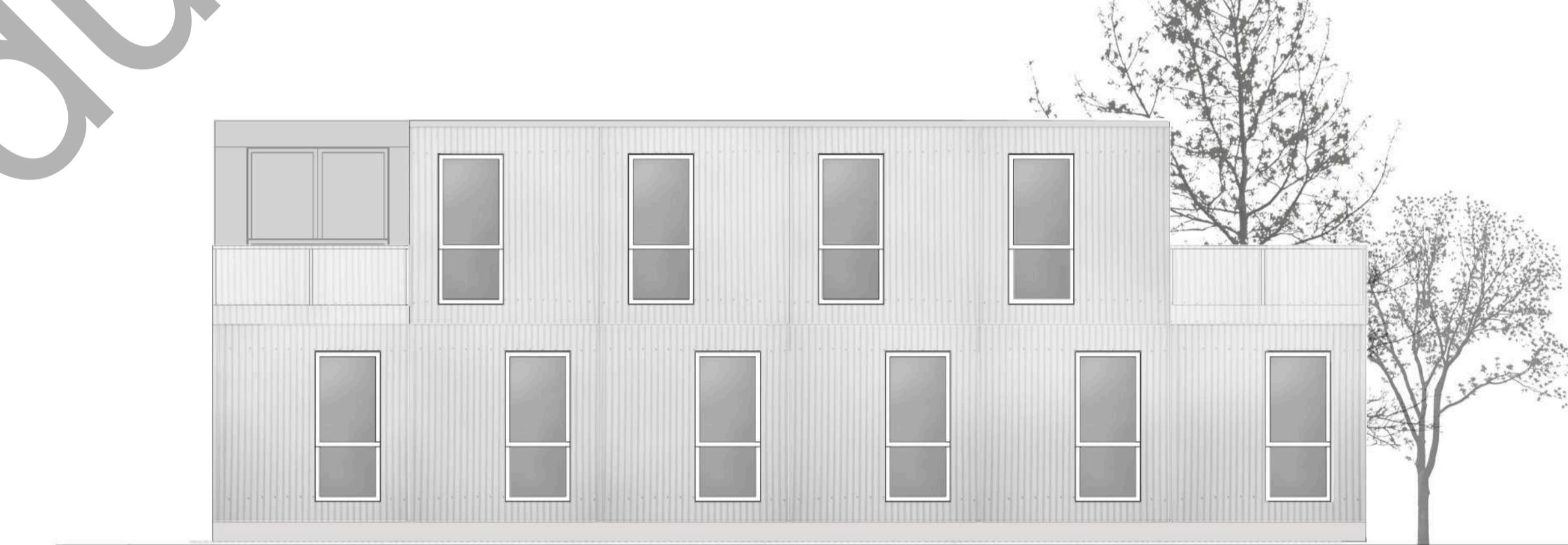
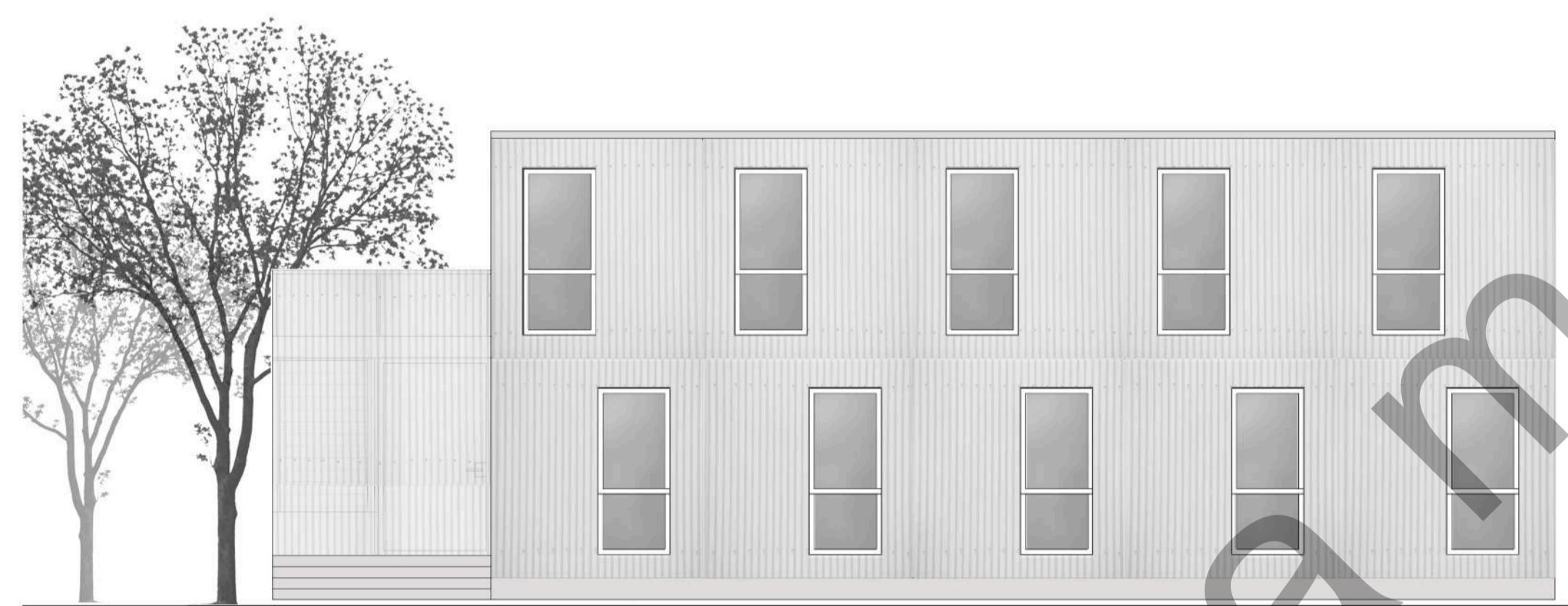
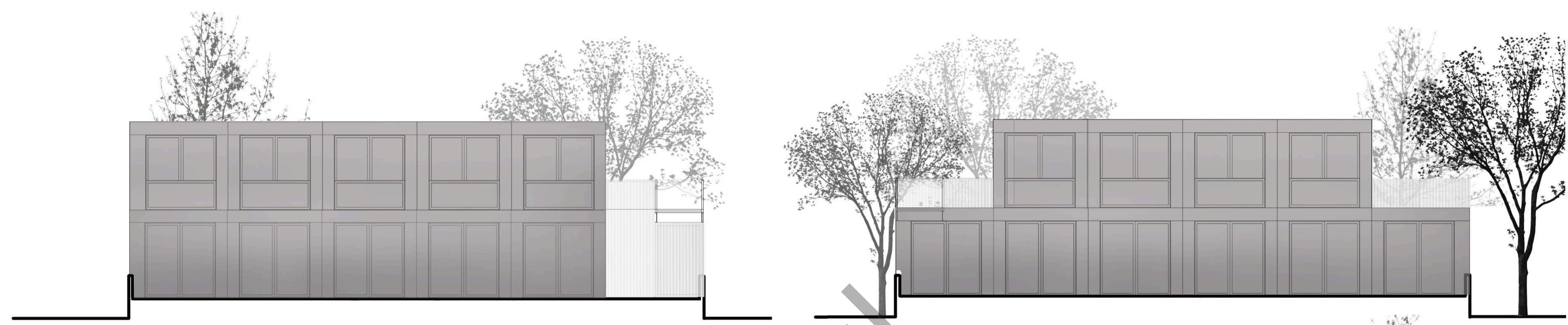
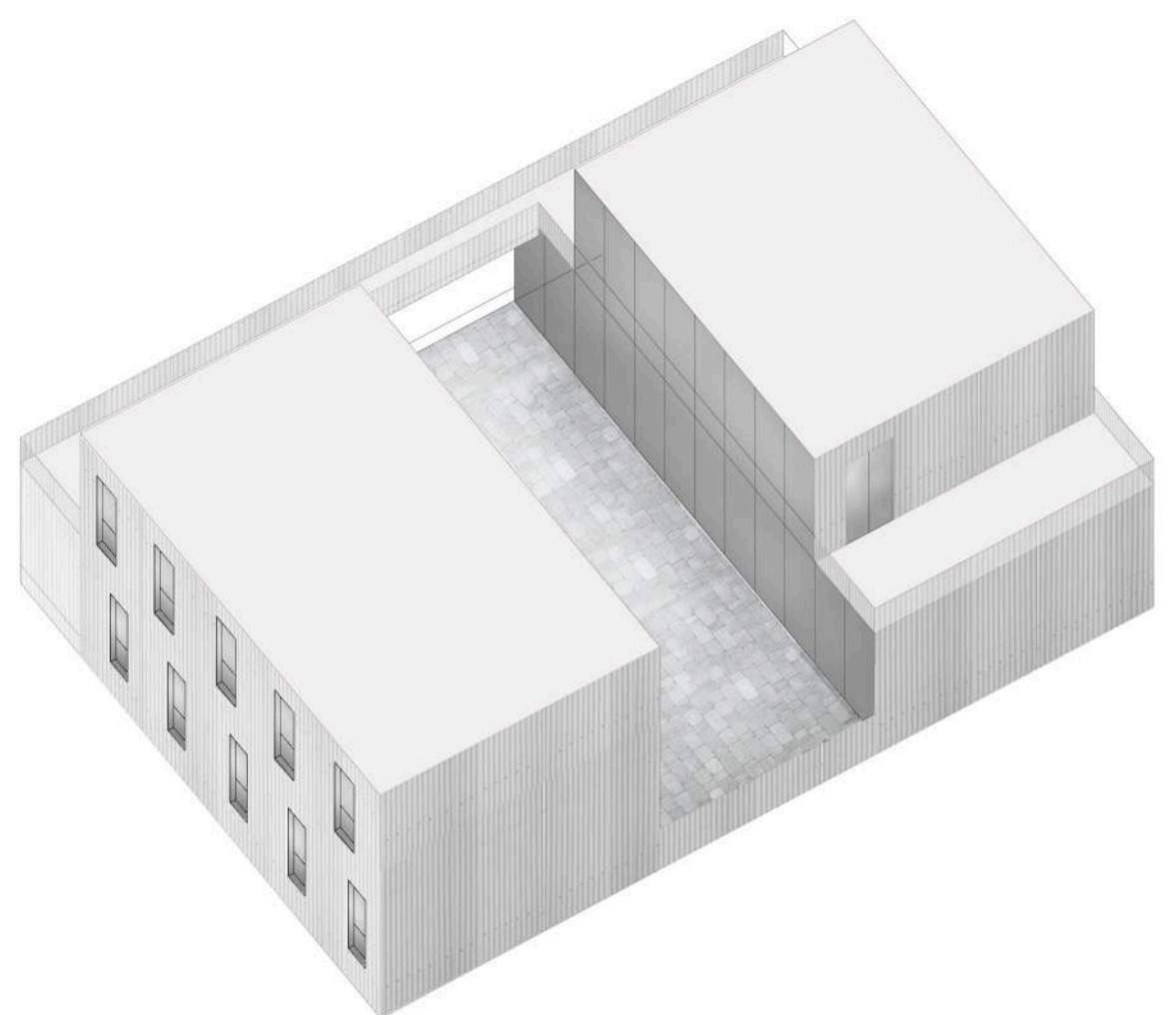


First FLOOR

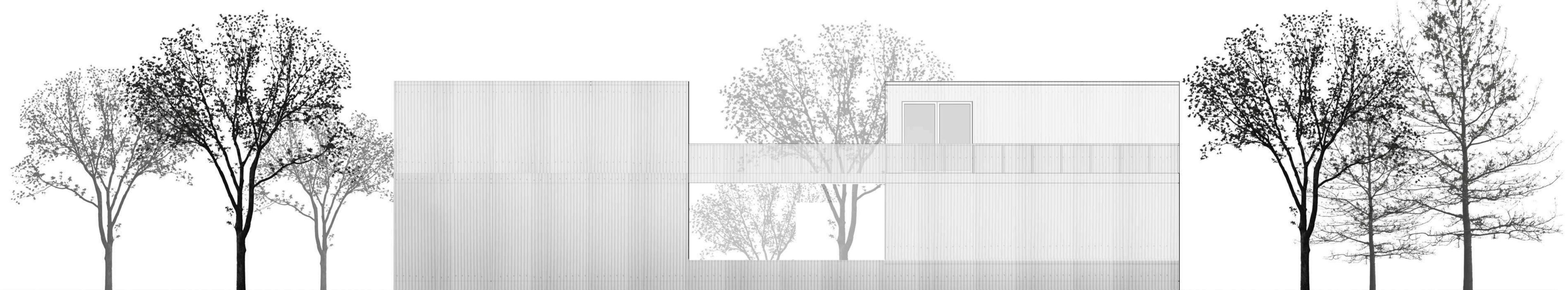
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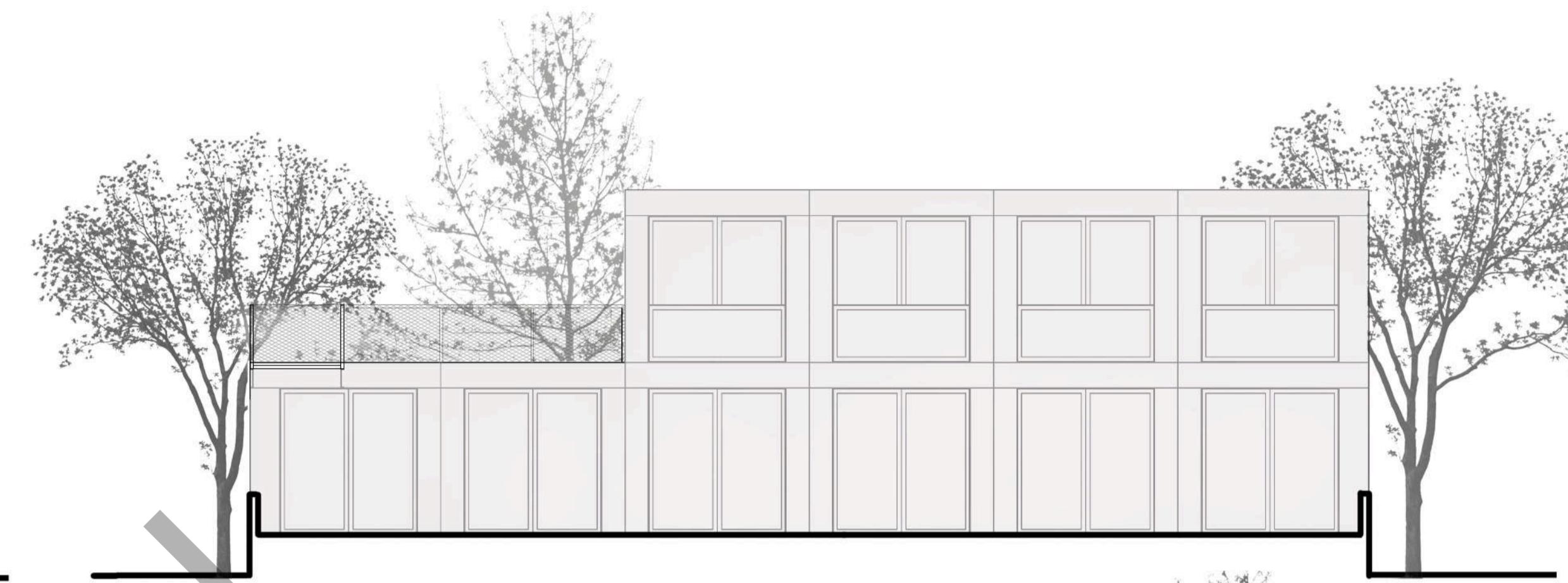
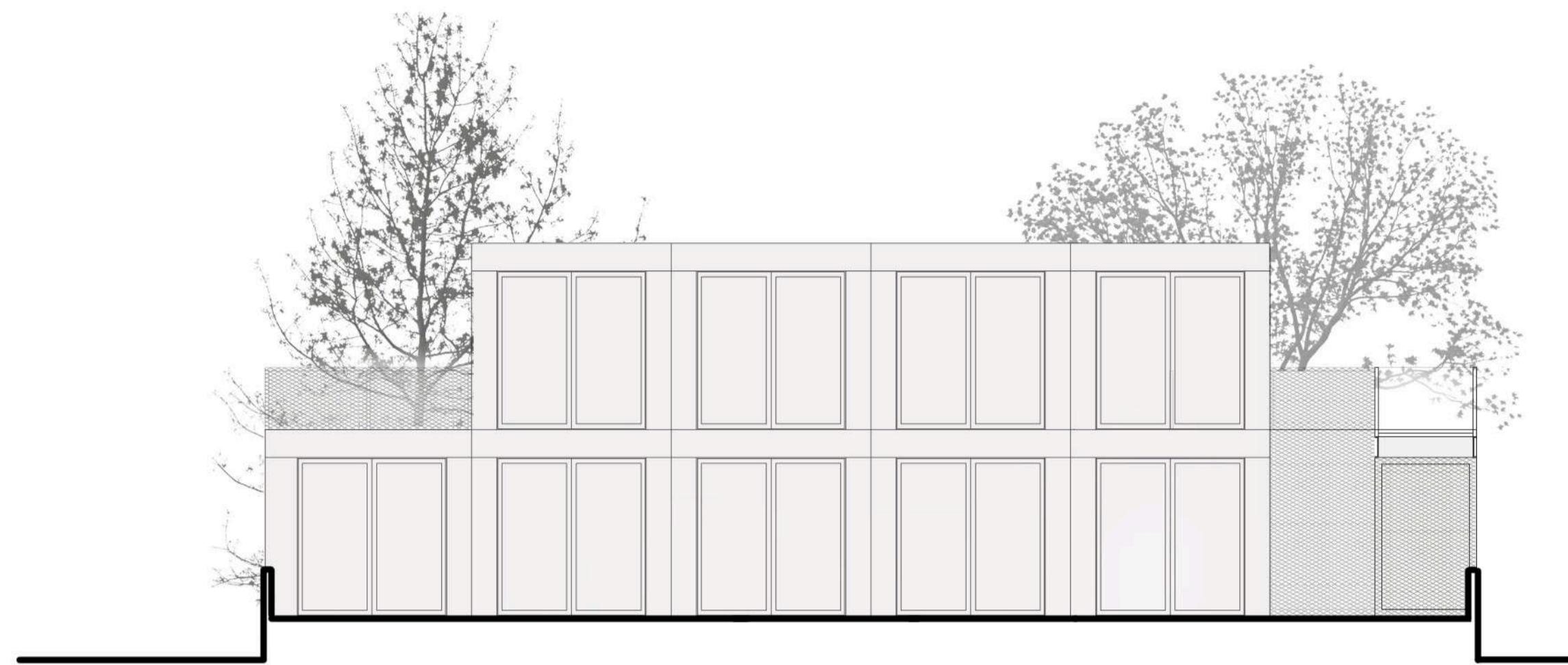
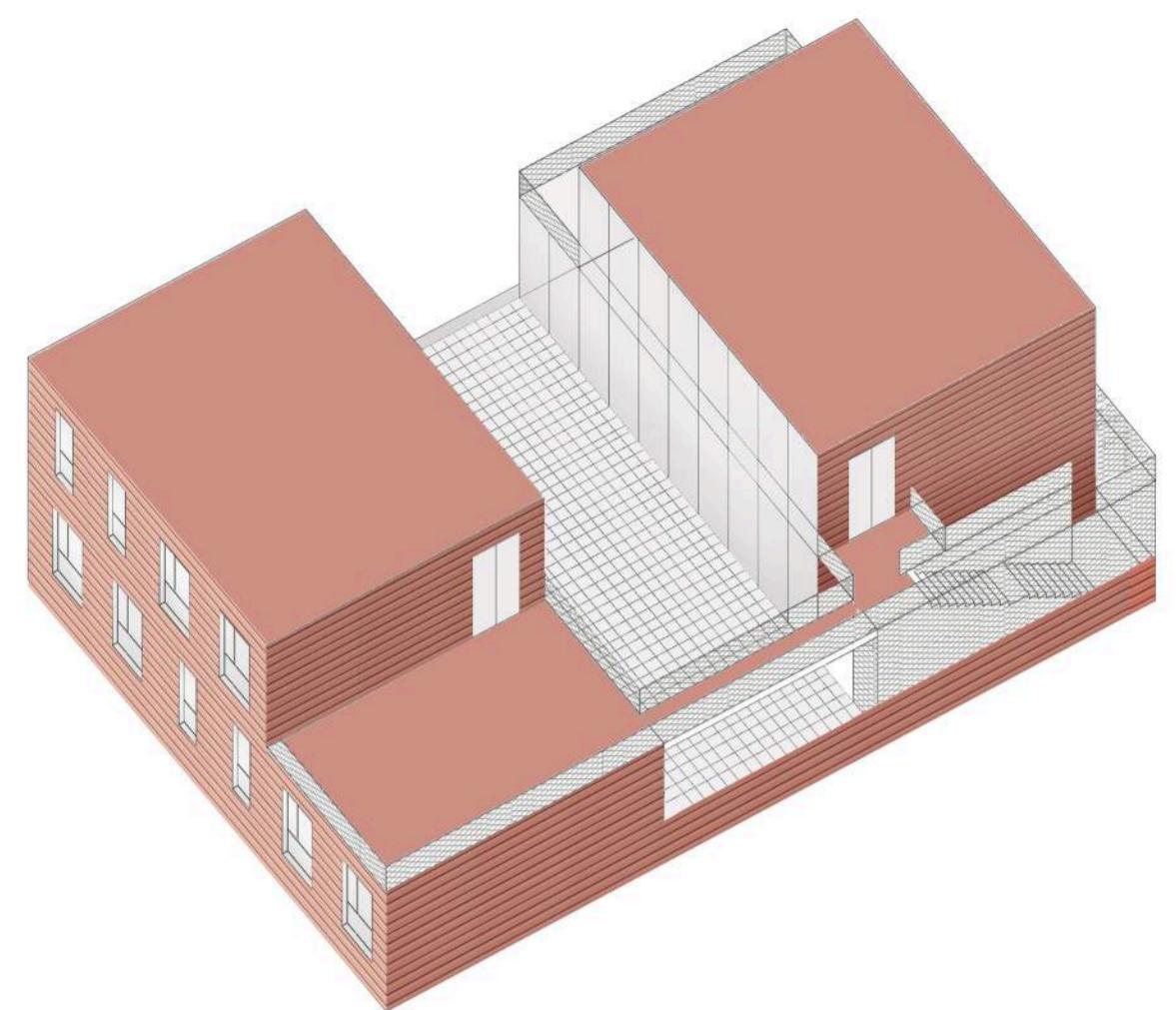


FACADE CLADDING SYSTEM
Aluminium panel



FACADE CLADDING SYSTEM
Polycarbonate panel





FACADE CLADDING SYSTEM
Steel sheet