

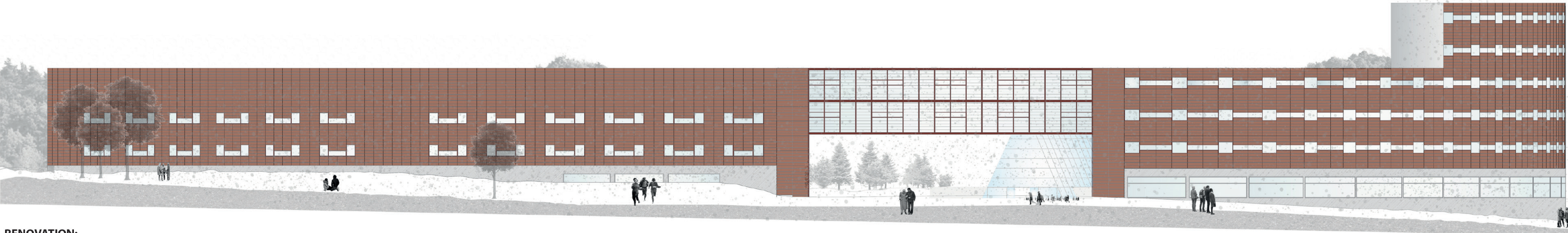
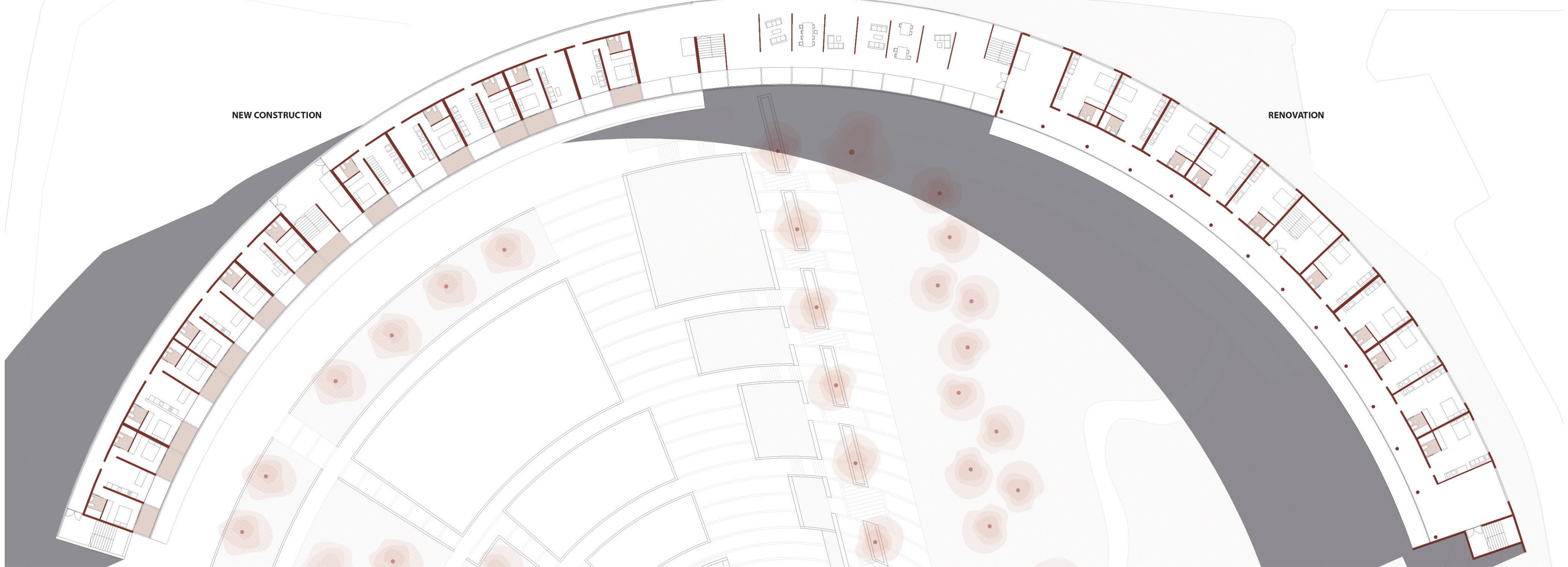
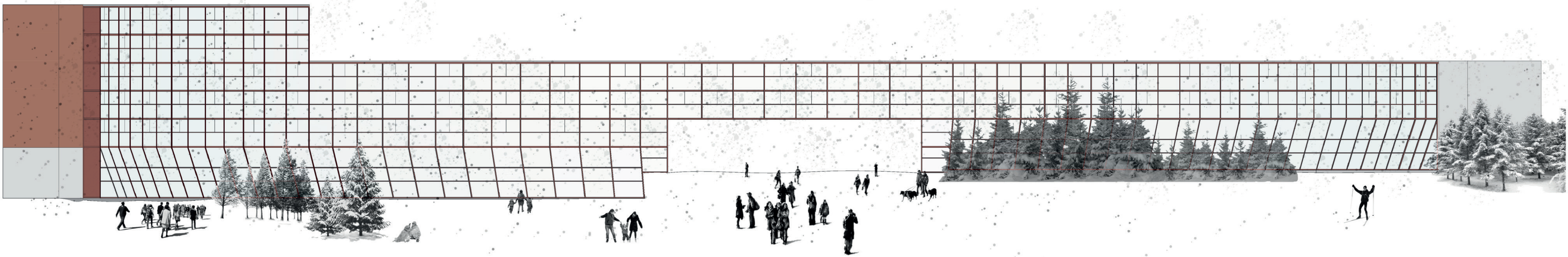
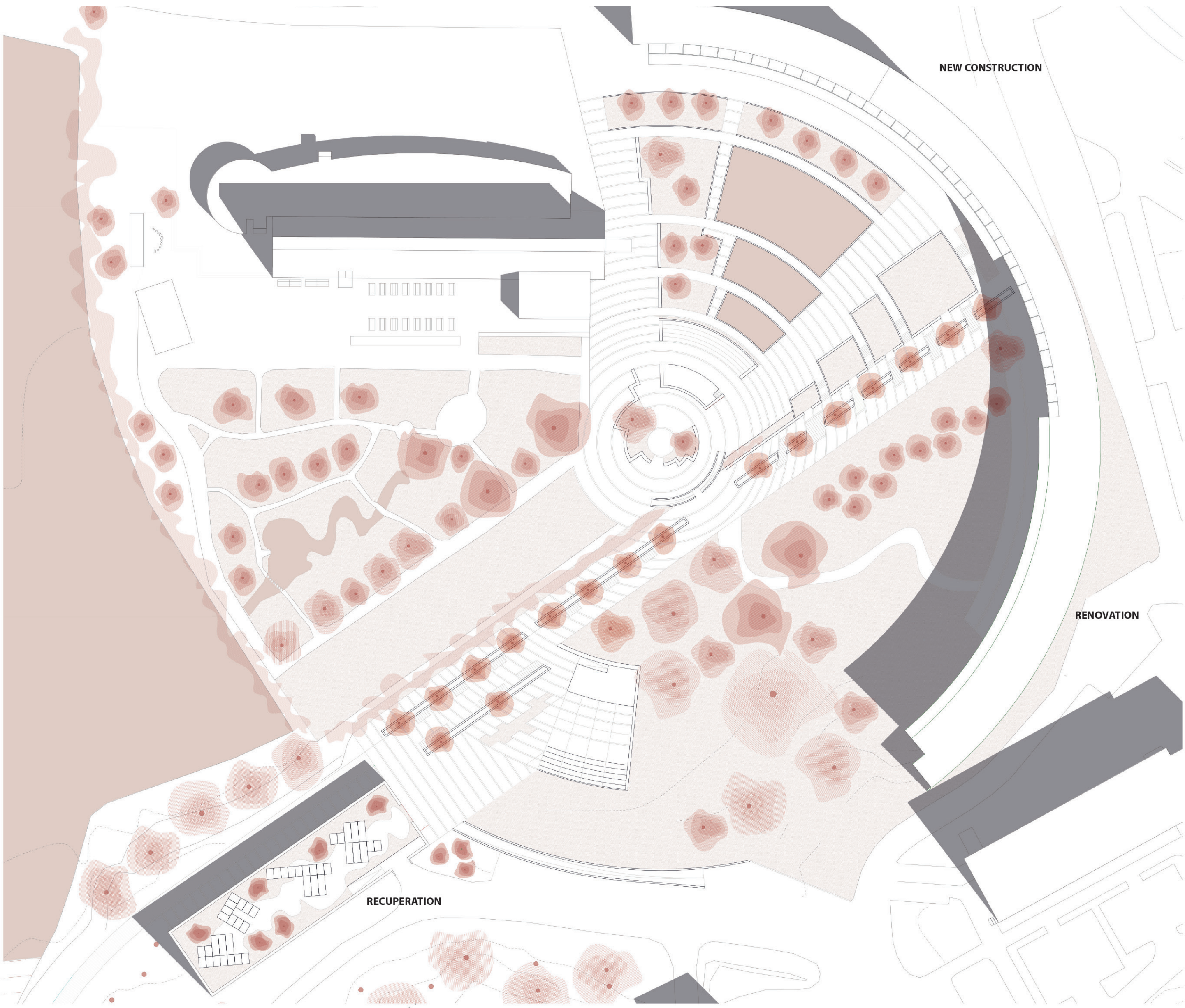
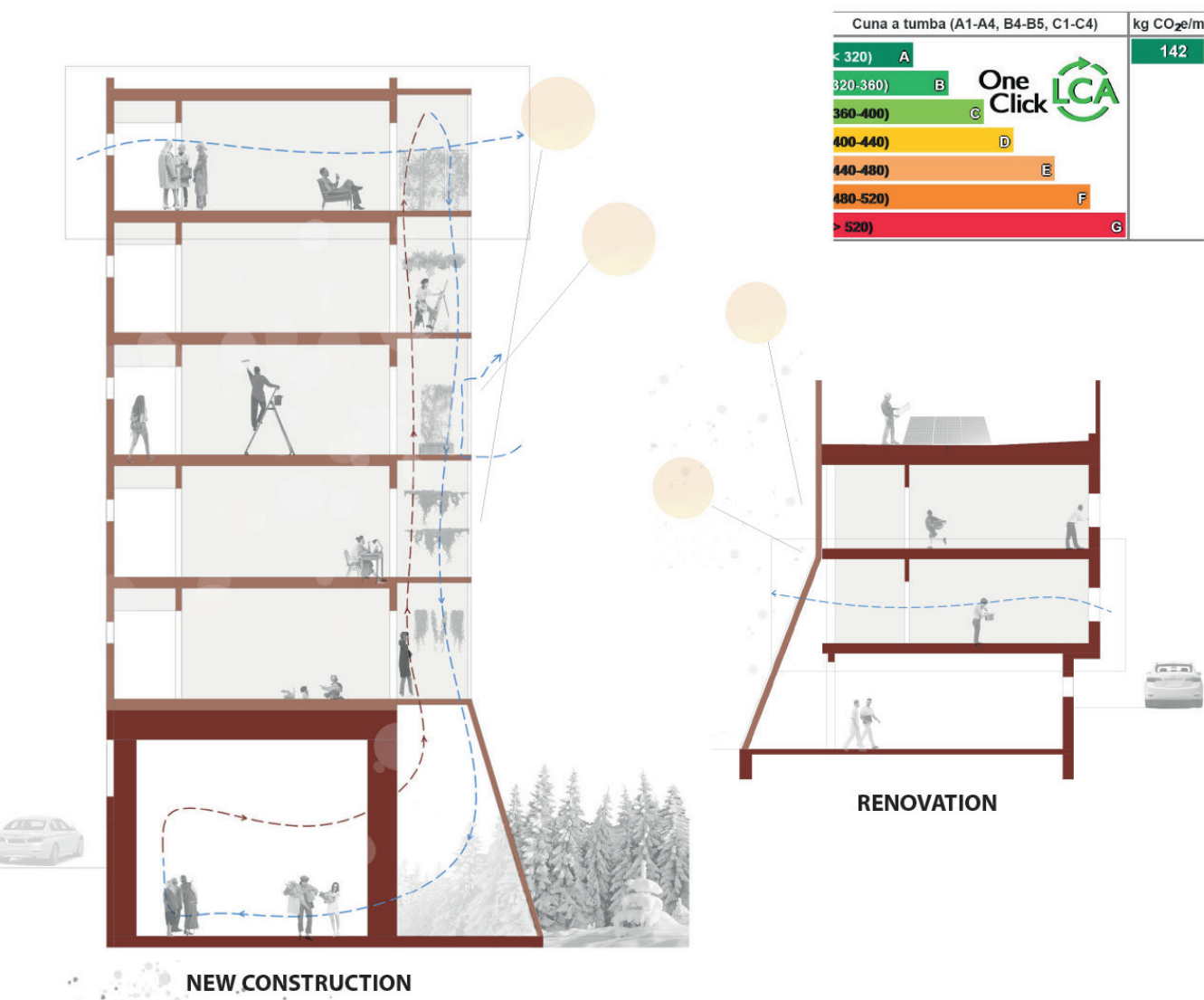
The "160 Link" project thrives in the university neighborhood of Viki in Helsinki, Finland, with the purpose of offering a comprehensive and sustainable solution to meet the needs of students, researchers and residents. The intention is to create a comfortable and welcoming environment, promoting diversity and inclusion through interaction between different social groups.

The vision behind "160 Link" is to transform the Viki neighborhood, integrating it more with the surrounding natural environment and offering open spaces, fresh air and a direct connection with nature. This project seeks to merge urban and natural elements, providing not only a sustainable residential solution, but also a space for leisure and community interaction.

The architectural design is inspired by the openness to broad space and countryside, taking advantage of the existing topography and making use of the slope area to create an environment that fuses the natural and the urban landscape. A modular structure, primarily cross-laminated timber (CLT) panels, is used to facilitate construction, transportation and reduction of CO2 emissions.

The project includes a wide range of residential units, from single apartments to three-bedroom duplexes, with flexible commercial spaces on the ground floor. A sustainability strategy is incorporated that includes sustainable energy generation systems, green building materials and passive design to reduce energy consumption.

The integration of the Gardena building as part of "160 Link" opens a window for the revitalization of the area, becoming a focal point of the community. Priority access to public transportation and encouraging pedestrian use promote connectivity and accessibility, revitalizing not only the Gardena building, but also the surrounding area, positively transforming the area and improving the quality of life of its inhabitants.



RENOVATION:

D1: Partition Wall:
Wall between dwellings and access corridors PLACO® habito® double partition with Arma mineral wool or similar. Total thickness: 180mm. Thermal Resistance: 3.10 m²W/K. Acoustic insulation: dB 63 (+5, +12). Fire resistance: EI E60.

D2: Northeast Facade:
Copper-colored anodized aluminum coating in the form of scales anchored to the structure. ISOVER Extrema® + Existing concrete structure Placo® system® + Mineral wool Arma ISOVER. Placophonic® PPH 13.

D3: Floor Between Floors:
Wooden flooring. Radiating floor. Arma ISOVER mineral wool or similar. Existing concrete structure. Light Steel Frame Structure + ISOVER mineral wool.

D4: Southwest Facade:
Light wooden structure of the stud and beam type with fixed panels of Saint Gobain COOL-LITE® ORA® glass and specific projecting windows of the same type of glass to facilitate ventilation.

NEW CONSTRUCTION:

D1: Partition Wall:
Wall between dwellings and access corridors PLACO® habito® double partition with Arma mineral wool or similar. Total thickness: 180mm. Thermal Resistance: 3.10 m²W/K. Acoustic insulation: dB 63 (+5, +12). Fire resistance: EI E60.

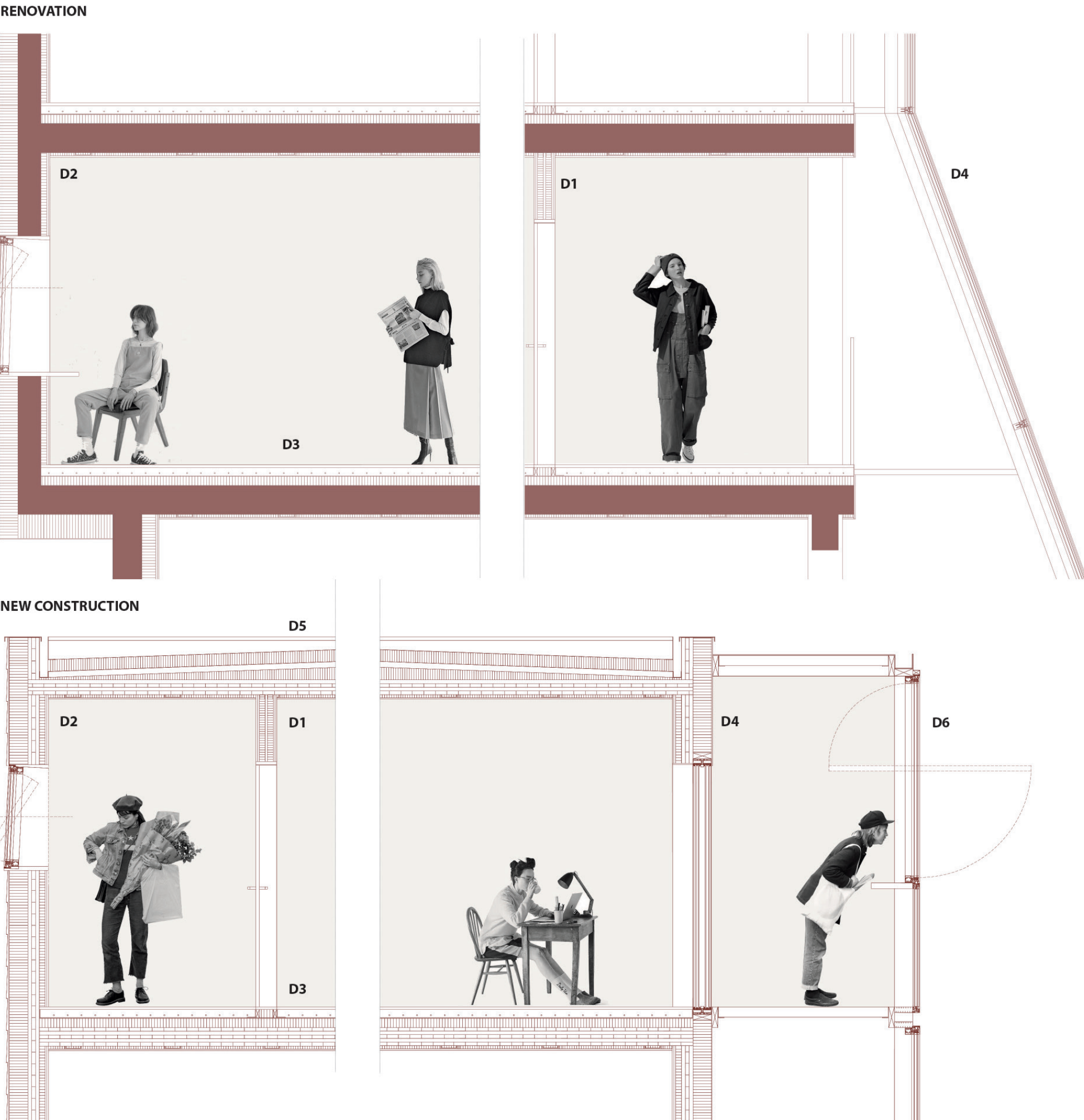
D2: Northeast Facade:
Copper-colored anodized aluminum coating in the form of scales anchored to the structure. ISOVER Extrema® + CLT structure Placo® system® + Mineral wool Arma ISOVER. Placophonic® PPH 13.

D3: Floor Between Floors:
Wooden flooring. Radiating floor. Arma ISOVER mineral wool or similar. 160mm CLT structure. Light Steel Frame Structure + ISOVER mineral wool.

D4: Southwest Facade:
Wood veneer trim. ISOVER Extrema® + CLT structure Placo® system® + Mineral wool Arma ISOVER. Placophonic® PPH 13.

D5: Roof:
ISOVER Blower prefabricated bituminous membrane. Dome. Planking. Concrete fabric. Drainage board. ISOVER mineral wool insulation. Wooden board to generate slopes. Vapor barrier. ISOVER Vario. Arma ISOVER mineral wool or similar. 160mm CLT structure. Light Steel Frame Structure + ISOVER mineral wool.

D6: Gallery:
Light wooden structure of the stud and beam type with fixed panels of Saint Gobain COOL-LITE® ORA® glass and specific projecting windows of the same type of glass to facilitate ventilation.



RENOVATION



NEW CONSTRUCTION

