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 V-Ray

01



02

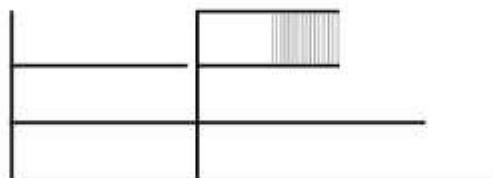


01

Vertical Garden

Bachelor's Final Design Project in
Architecture





ABOUT IT

The Vertical Garden project combines green spaces with cultural functions. In addition to a multi-level vertical garden, the complex includes a cultural center, educational workshops, a gallery, and a restaurant. The design focuses on enhancing environmental quality, fostering interaction between people and nature, and creating dynamic urban spaces. Green façades and sustainable systems transform underutilized areas into vibrant, interactive environments, offering a multidimensional experience of culture, education, and recreation.

LOCATION

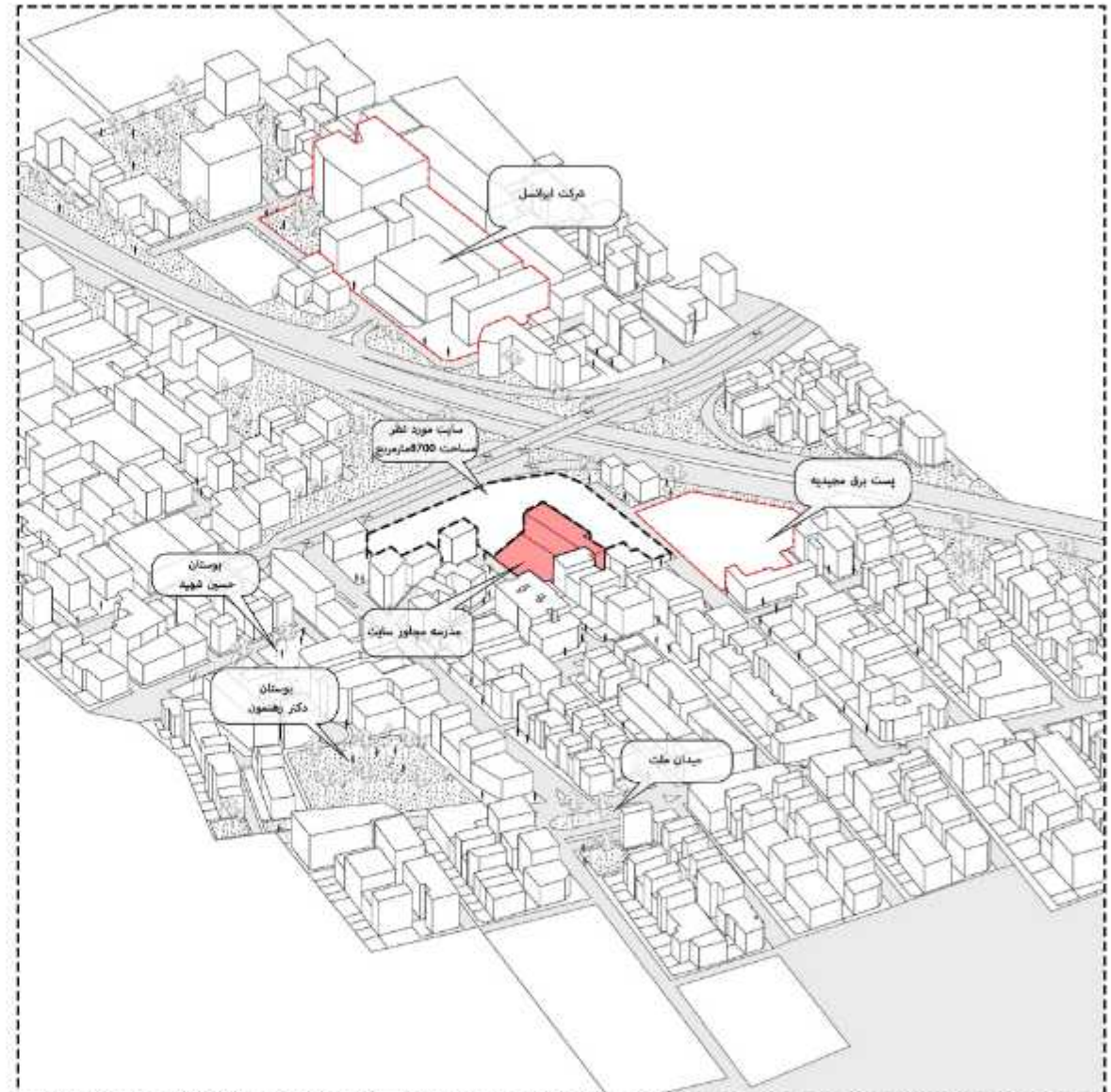
Tehran- Shams Abad

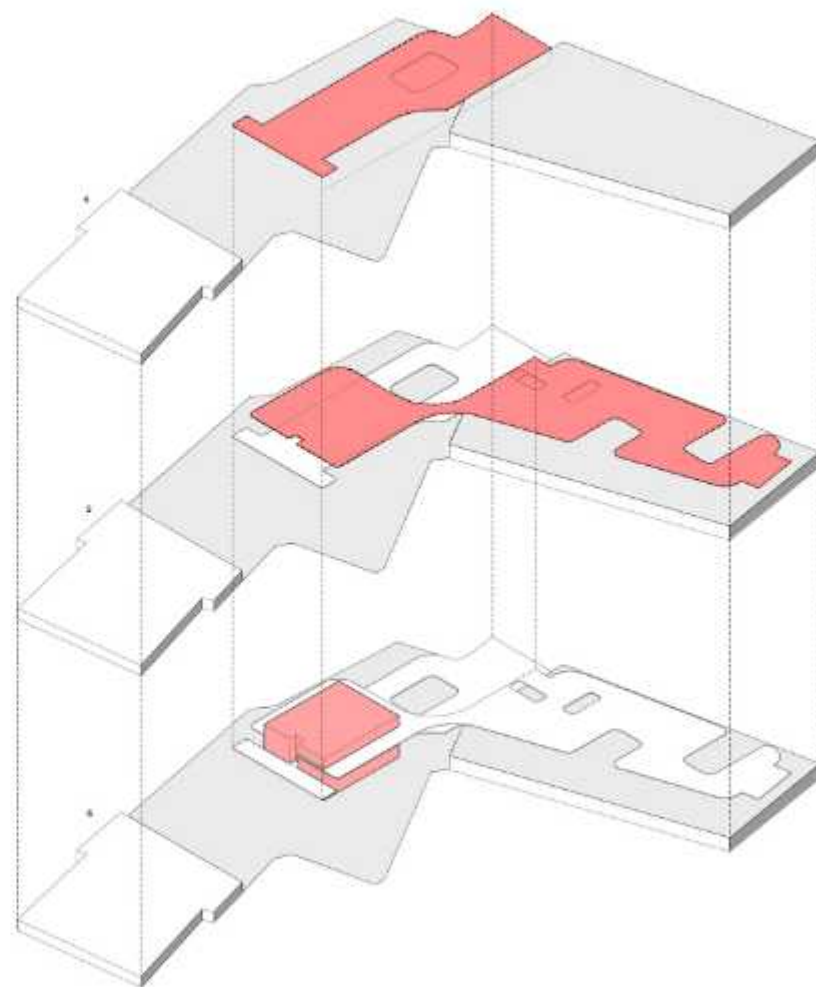
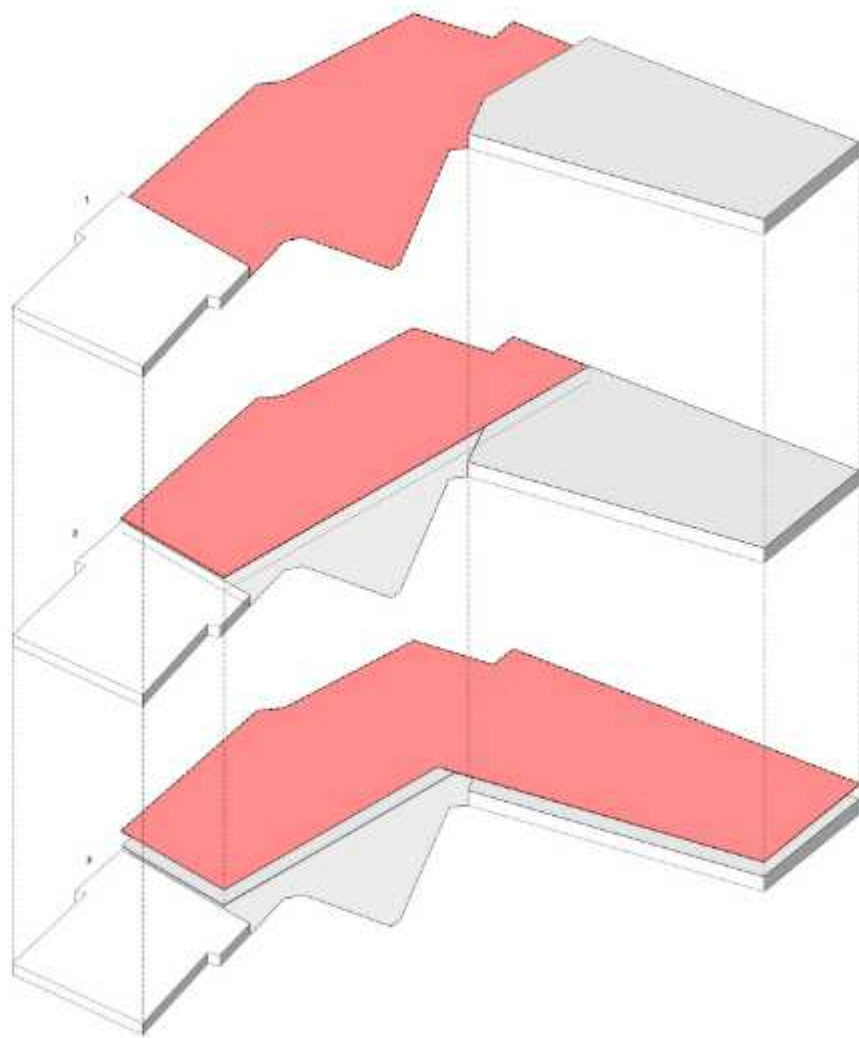


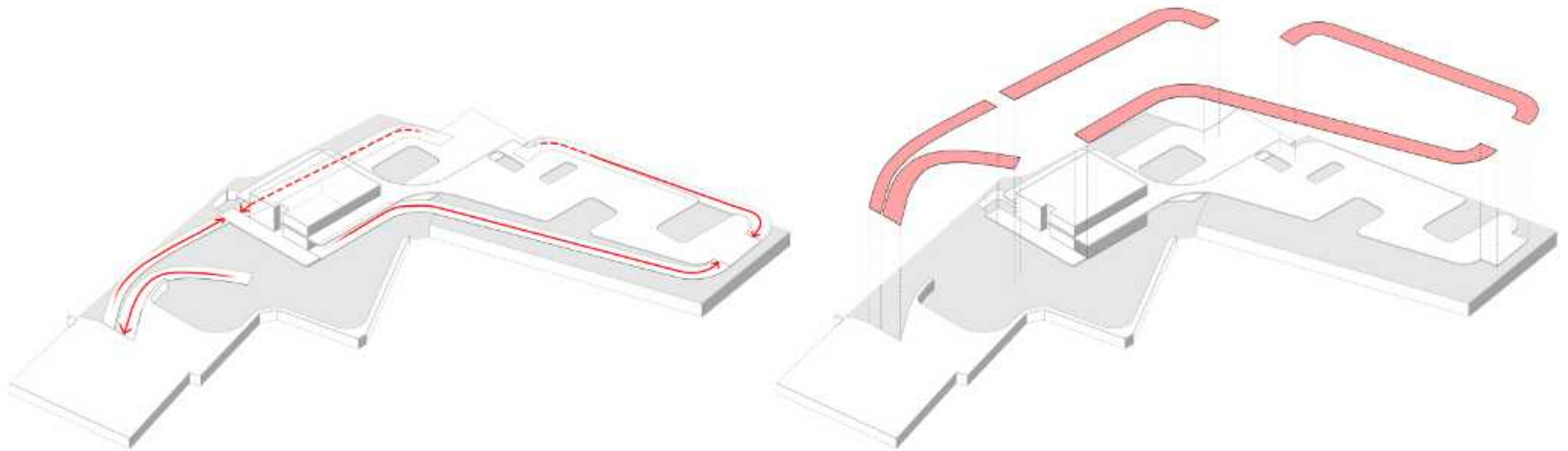


SITE FEATURES

The project site is located in Shams Abad, District 4, Tehran, featuring a uniquely shaped plot with natural depressions that offer opportunities for creative landscaping and spatial organization. The site benefits from visibility from two adjacent boulevards and provides an excellent visual connection to the northern mountain ranges of Tehran. Its topography and orientation allow for thoughtful integration with the surrounding urban context, maximizing both views and natural light, while offering a dynamic and engaging environment for the design.



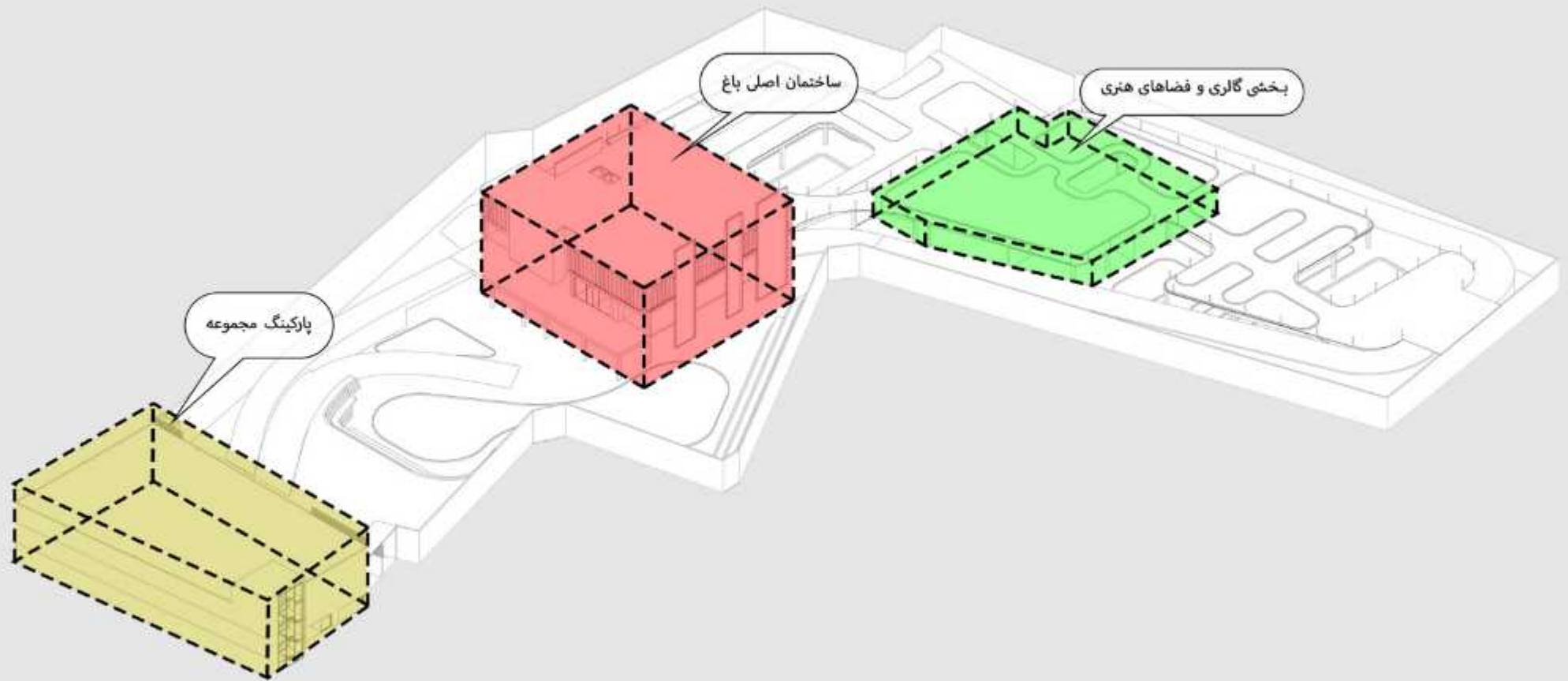




CONCEPT

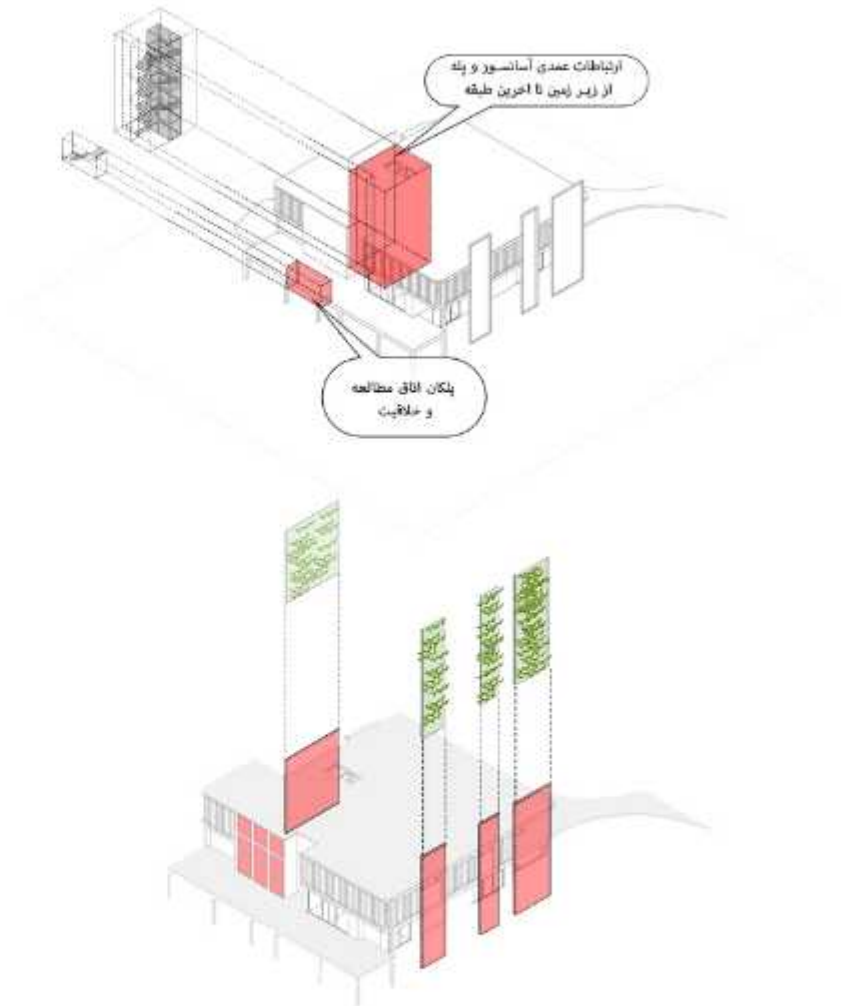
The design concept is derived from the natural characteristics and topography of the site located in Shams Abad, Tehran. The land's natural depressions and level differences were not treated as obstacles, but rather as opportunities to shape the architectural form. These features became the foundation for creating dynamic and fluid circulation paths, defined through a series of ramps and continuous surfaces that connect the various functional zones of the project.

Throughout this process, the horizontal planes of the site gradually transform into vertical layers, forming a multi-level structure where nature, movement, and function are seamlessly integrated. The spatial organization follows the logic of the terrain, establishing direct connections between open and enclosed spaces, green views, and circulation routes. As a result, the project not only preserves the natural form of the land but also transforms it into an active and experiential part of the architectural narrative.





The Vertical Garden reconnects nature with urban life. Green layers extend vertically, allowing nature to flow through every part of the complex. Ramps and open spaces create a smooth spatial journey filled with light, greenery, and calmness. Acting as a green breath within the city, the project balances architecture and the natural environment.







02

Residential building

Bachelor's degree plan





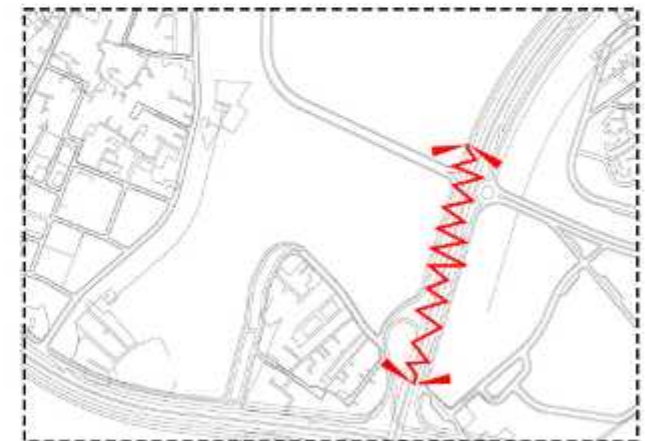
ABOUT IT

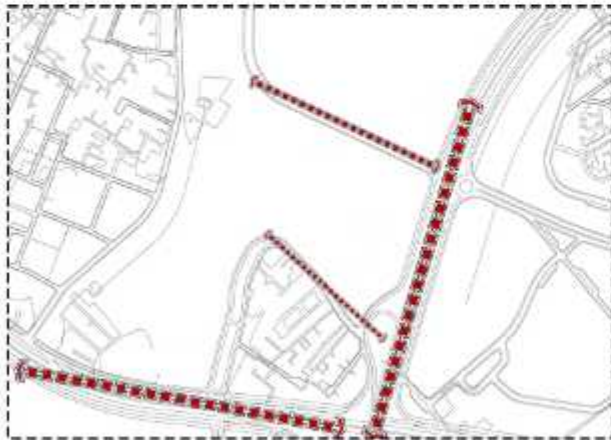
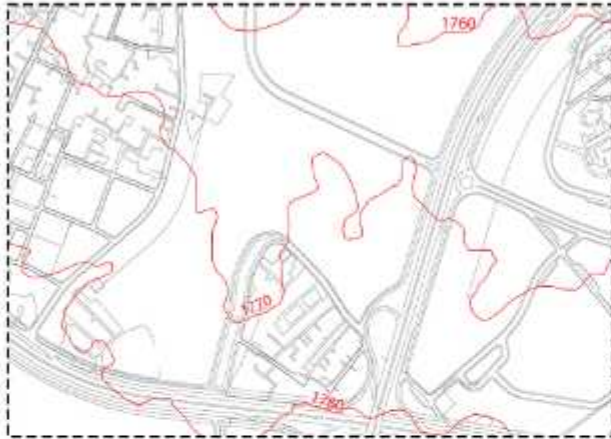
A four-story residential building designed with various unit types to explore plan and façade design.

The project includes two duplex units and focuses on space organization, aesthetic balance, and functional design in different layouts.

LOCATION

Hamedan- District 4





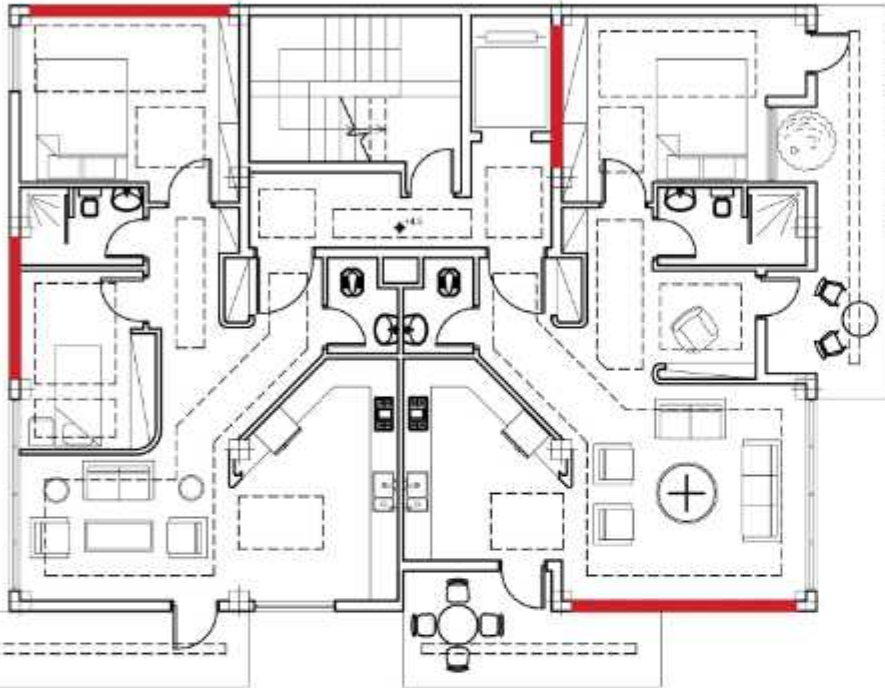
SITE FEATURES

The site is located in District 4, next to Ayatollah Najafi Boulevard, with excellent vehicular access and a clear view of the surrounding mountains.

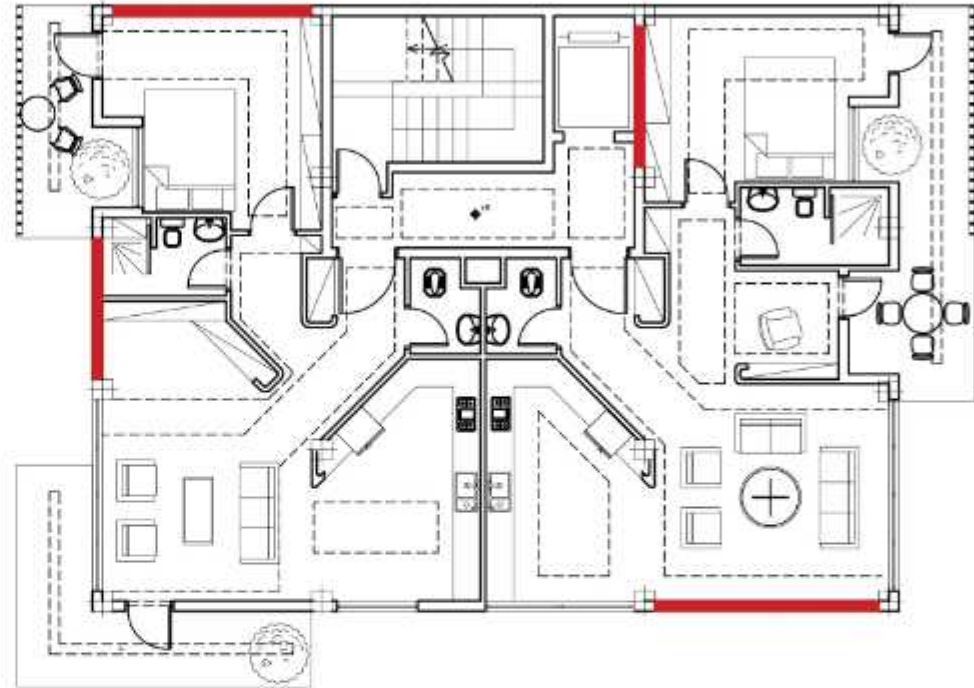
Its location provides both convenience and scenic quality, making it suitable for residential design.







Second Floor



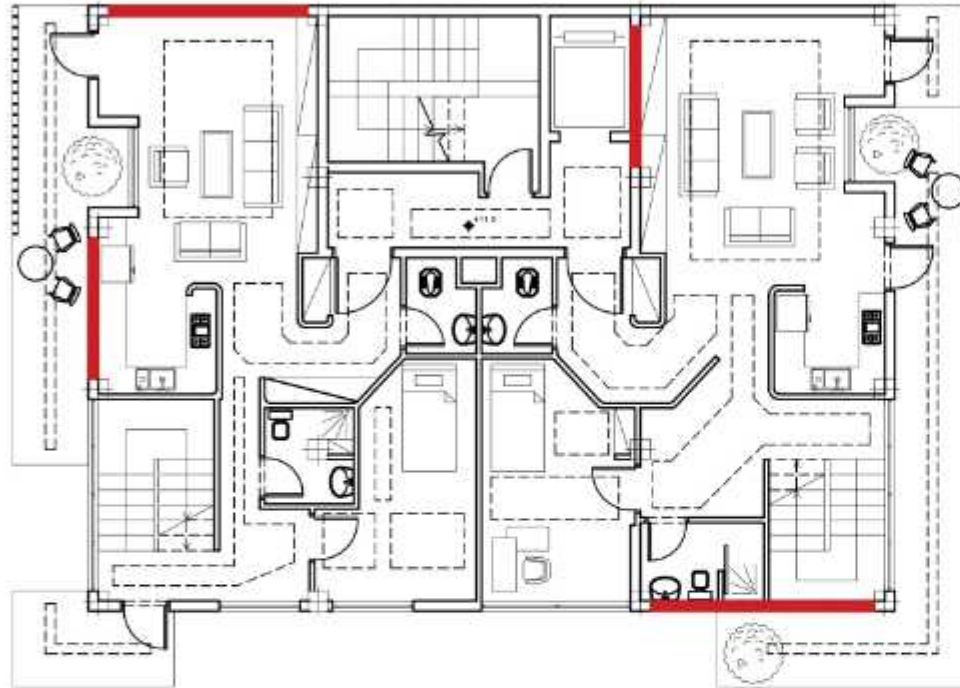
Third Floor

The project consists of a basement, ground floor, and four upper floors.

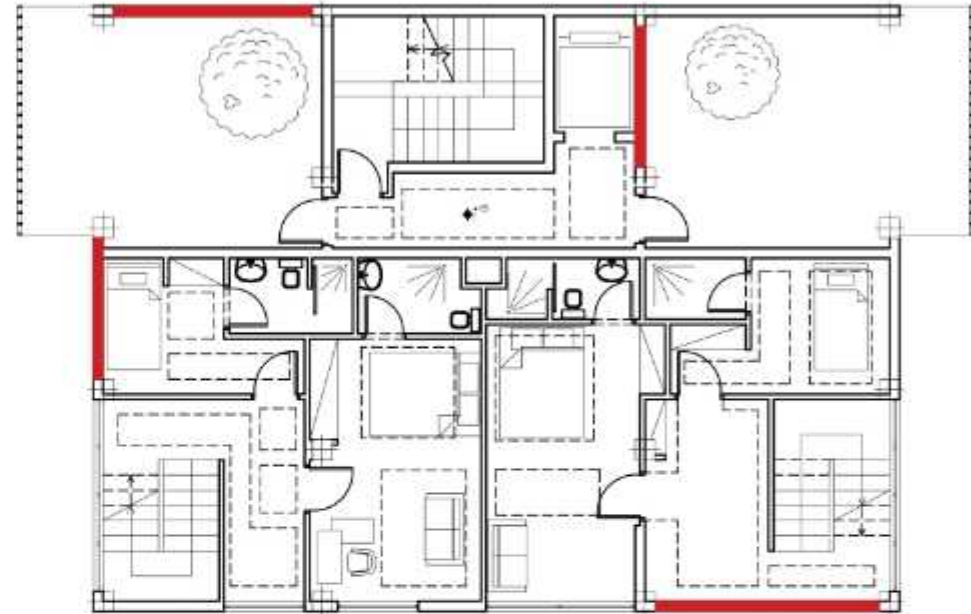
The third and fourth floors are designed as duplex units, creating a sense of openness and connection between levels.

Each floor features balconies and terraces, providing outdoor green spaces for residents and enhancing the building's livability.

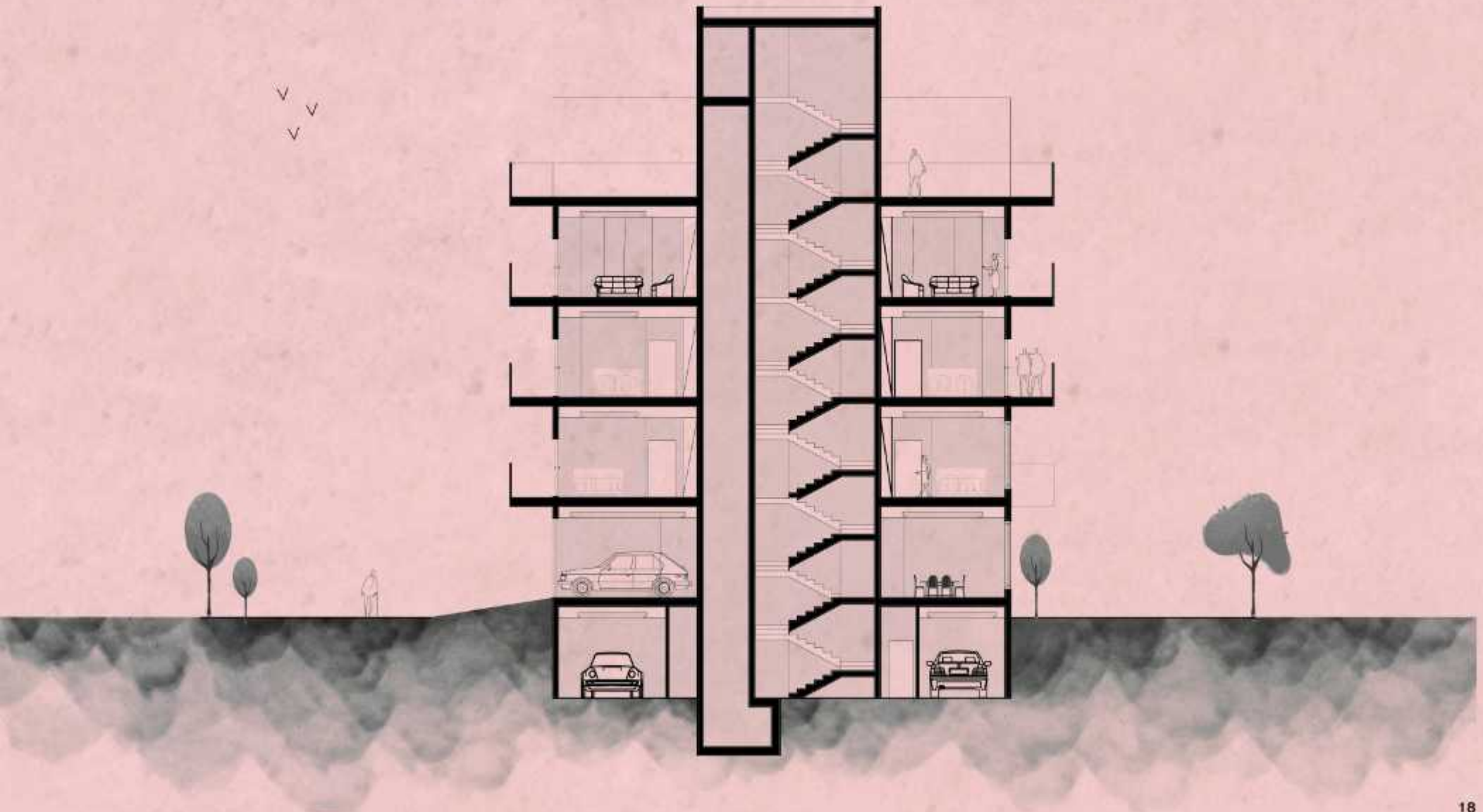
The ground floor includes a meeting room and a children's playroom, designed to encourage community interaction and comfort.



Third Floor



Fourth Floor









THE END

THANKS FOR WATCHING