

## DESCRIPTION

### Architectural Concept

The concept of the project is based on the following principles:

- The new concept complies with the existing environment and the specifics of the terrain. The main subject of the proposal is to preserve most of the surrounding trees and enhance the natural environment. The building is integrated in the specific environment and terrain;
- Aim of this proposal is to provide numerous green areas inside and outside the building for the children and their families and the team of Karin dom;
- Using natural and sustainable building materials;
- Providing a maximum of natural light sources – patios, inner courtyards, skylight, etc. ;
- Accessibility – all spaces inside the building are accessible by people with disabilities and designed with the specific need of children in mind, railings are provided all around the building interior and the terraces;
- Mobility – the spaces inside the building are adaptable, equipped with mobile walls and furniture.

### Urban Design:

The building follows the given urban planning restrictions. All setbacks and regulations are respected. The total built-up area is 2720 sqm. The underground level is 1228 sqm. where are planned 22 parking spaces. The total landscaped area is 1885 sqm. On the site are provided areas for children's playground near the Montessori center on the ground floor. Entrance to the parking is from Prilep Street and exit is from the same ramp to Kiril Shivarov street, following the brief requirement. The main entrance is planned on the southwestern face of the building. The entrance for the medical center is planned on the southeastern side of the building.

### Functional Organization:

- The underground level is designated for the parking lot, technical and service spaces, and the medical center. The natural decline of terrain is used to provide an entrance and a natural light in the medical center from the northeast side of the plot.
- The main entrance to the building is located on the southern side of the ground floor. The first impression of the building's interior is the bright foyer, planned around a central courtyard and illuminated by a skylight. On the first floor are planned a physiotherapy center, hydrotherapy and Montessori center.
- The main vertical communication is located on the eastern side of the building, but also another stair is designed in the central foyer around the inner courtyard. This stair proceeds in a gallery on the first floor. The first floor is planned for the

Center for diagnostics and therapy and the Center for family-mediated intervention. The spaces of these centers are located according to the functional program and all the necessary connections are provided.

- The training center is planned on the second floor, where are provided open spaces around the gallery on the floor for the guests of Karin dom. On this level is also planned to be the early intervention center.
- The last floor is destined for the staff of Karin dom. Here are provided spaces for the administration and the rest of the staff.

On each level are designed green terraces and open spaces for the needs of each floor and its functional groups.

**Building Materials and Construction:**

- The building construction is designed to be made of engineered timber. Columns and beams are made of GLT/Glulam, floors and walls – CLT. Only the underground level is designed in concrete construction;
- Curtain wall mullions are planned to be made of wooden material;
- Interior wall finishes are in plywood and white paint.
- Floors finishes are wooden parquet flooring, except where else is necessary.