

Economic and technical indicators:

Land area: 2450m²

Floor area: 653 m²

Building area of the underground floor: 694 m²

Number of cars in the underground parking: 18

Ground construction area: 1998 m²

Landscape area: 1797 m²

Greening area: 758 m², Greening rate: 31%

Building height: Cornice height: 15m; Slope roof height: 22.8m

Number of floors: 4 above ground ,1 underground

Design explanation

The base is located in the port city of Varna, Bulgaria.

The aim of the project is to create a schematic design for a new building of the Karin Dom Foundation. The building meet the functional needs of special children. Create environment for children's development, create learning space for children, parents and students, and provide space for knowledge exchange and research.

For these lovely special children, the society cares and protects them and yearns for their integration into the society. However, for the parents of these children, these children are no difference. They want to be treated and socialized normally. They also like lovely trees, warm sunshine and beautiful fairy tales like ordinary children. They are also princes and princesses in their own fairy tale world. Therefore, the design concept is the communication space with fairy tales as the theme. We hope that they can feel the fairy tale world through their communication with space, family, partners and themselves in the building.

In architecture, we use a large area of glass curtain wall to weaken the building volume, and set up three sloping roofs at the same time, like a fairy tale castle hidden in the jungle. In different floors, we have designed different fairy tale themes, so that children can constantly have novel discoveries in the building, feel the truth, love, courage and self-confidence. In addition, some specific elements are set up in the building, which can stimulate the interaction between users and the space, so as to produce emotional dependence and feel the beauty of fairy tales.

(1) Individual communication: set up small space in the corridor and the end to provide children with quiet self space

(2) Group communication: fun space is provided in roof platform, hall, outdoor courtyard, grey space, etc., so that children can communicate with partners and have a cavalier duel.

(3) Communication with family: we provide parent-child play space, etc. children can enjoy the time of family company

(4) Interaction with nature: there are many trees around the base. We have kept the trees to the greatest extent, hoping to provide children with space for natural interaction with trees as much as possible.