

“And the child is always a child. Every child has the right to discovery.”

The focal point of the design is that every child has the right to equal discovery through himself.. We have constructed in a way that accepts the difficulties and keeps the sense of curiosity in their environment alive with a perspective that includes equal opportunity instead of a necessity, which allows them to make mistakes, contain surprise spaces and enable these areas to interact with children and their parents.

### **MAIN DESIGN DECISIONS**

The composition and the layout of the building are harmoniously adapted, interacting with nature, and infiltrating it without harming it, and a composition that will reveal the phenomenon of discovery and play is preferred by choosing not to be smooth, clean and uniform.

### **GROUND FLOOR CONCEPTUAL DESIGN**

After providing the ground volumes in the area, the settlement sits in the most suitable area by minimizing its effect to surrounded nature. Trees that could not be moved were excluded from the residential borders. While creating separate entrances to independent units, there is an adventure route connecting the playgrounds in the middle of this distinction.

Using nature, a story has been created about creating an adventure route with the building in the landscape fiction, keeping the childhood memory alive.

### **ROAD AND ACCESSIBILITY DECISIONS**

When coming to the area on foot, the vehicle relationship is cut off and the navigable landscape areas remain in a protected area from the vehicle. There are railing and track hoist in the ceiling in the corridors in the building. All equipment will be selected as portable and will be produced specifically for this project.

Roof design: On the roof, there are playgrounds and common recreation areas, as well as private terrace areas for staff.

### **COLOR DECISIONS**

The spaces that use daylight efficiently with a transparent façade fiction that gets as much sunlight as possible are designed in calm and pastel colors.

Facade design: The form of the building was shaped with trees, and there is a calm fiction on the ground that provides playgrounds and discovery spaces on the ground, and on the upper floors, the colors and textures disappear among the trees.

### **SUSTAINABILITY**

Because of the climate data and the illumination of the area between the trees as a result of the settlement, the natural sunlight provided with the transparent glass facade. While doing so, glasses with high heat insulation were preferred due to the cold climate conditions. Natural ventilation was provided by opening all of the windows. Natural gas was chosen for heating efficiency.

By taking the climatic data and the geographical location of the area, stormwater runoff in the building was restored to the structure and landscape. Considering the efficient use of the amount of light leaking from the woodland, large window openings were used, and the maximum level was reached with intense transparency. Considering the climatic conditions, high heat-insulated glasses were preferred due to the cold climate. As the windows are open and permeable, they provide natural ventilation to the indoor space. Natural gas has been chosen to increase the heating efficiency.

## LANDSCAPE DESIGN CRITERIAS

The main decisions in landscape design specify on the concepts of children learning with nature and understanding with their senses.

Open spaces provide more opportunity than the closed spaces. At the playground and natural areas, elements using to encourage children to play and learn in a field in-between nature and art elements. By defining the environmental datas of the area and creating a relation with street and inside spaces at the kindergarten, breaking the boundary between the outside and inside.

Local materials getting from the geography of the project area and the local cultural notions included in landscape design. Landscape that gives the best possible environment for the children to grow up in, and which promotes children's learning and creativity in equal conditions.

An outdoor space that is rich in natural features can powerfully stimulate their sense of wonder and discovery. The water channel designed in the project area helps children relate to nature and discover. Early-years kindergarten spaces need to feed children's natural curiosity. The paper boats that children drop into the water channel are represent as a childhood memory. At this point, Landscape elements designed for accessiblity from all heights and from all areas. The water element in landscape, improves retention and infiltration of runoff precipitation.

The sustainability decisions in landscape are toxics free in environment, children's environmental health, green building and cleaning materials.

Using sustainable resources like energy efficiency and alternative producing ways, recycled energy in building design.

Planting is the most important layer of the landscape for improve children's intellectual, creativity and curiosity development.

Planting design of this project include the native species for improving biodiversity and provide natural environment.

Pathways is designed with wood mulch, pressed soil, grass and permeable materials. It Increases sustainable materials. Designing the sensory path aims learning from senses and material difference. The most important principle that designing the pathway is creating experimental surfaces with material changing

Creating sustainable gardens in low traffic areas like vegetable garden and raised garden beds, decrease storm water runoff and enhance sustainable environment by diversity of trees and flowers and also enhances children's learning. The raised garden beds includes seasonal planting and also vegetables.