

LA CARCOVA SUSTAINABLE COMMUNITY CENTER - ARCHITECTURAL OXYMORON IN JOSÉ LEÓN SUAREZ

UNIDAD AMBIENTAL COMUNITARIA LA CARCOVA – OXYMORON ARQUITECTÓNICO

DESCRIPTION

The territory of the Reconquista River Basin is the second most important within the Buenos Aires suburbs, and contains a population close to 5 million inhabitants. The largest sanitary landfills in the metropolitan area are located there, and a significant number of settlements with high occupancy density are located.

A territorial proposal is built for José León Suarez, focusing on the La Carcova neighborhood, trying to recover and generate new public spaces, the sanitation of areas contaminated by organic and inorganic waste and the generation of new equipment for the enhancement of space urban.

Within the premise of articulating existing networks between different actors in the territory, the Project for the La Carcova Educational Park is defined as an experience of collaborative work in process and extended over time, to which a Community Environmental Unit is proposed as a hybrid device Self-sufficient in energy terms, with a large participatory public space where mass events and assemblies can be held for the inhabitants of the La Carcova neighborhood and a production and work space for the neighborhood's urban recuperators, where they can hold workshops with already existing cooperatives in the neighborhood and experimentation based on the treatment of compost, bio energy, treated water, orchards.

The device is the expression of the place that tries to mediate the industrial zone of existing warehouses and the Barrio la Carcova. It is made up of a metallic structure with bellows, as interstices between the environment and the building, and a skin of parasols that allows direct solar gain as sun protection. The metallic structure of the roof is materialized by means of a system of stereometric triangular spatial meshes, made up of bars and knots joined together, forming pyramidal pieces that cover the entire device. The three-dimensional structure of the roof makes it possible to cover large spans and house the two social and productive functions of the device.