Fly Ranch. Eco Hut

At the moment, there is an acute environmental problem. Climatologists predict that if we continue to pollute the world at our current rate, we will only have eight years until we exhaust our carbon budget.

Due to environmental pollution, we are losing our planet with its unique and unique nature.

And in order to preserve what is left, it is necessary now to take measures such as sorting and recycling waste, switch to the use of renewable energy, create eco-parks and nature reserves where people's activities will be limited.

With green buildings we can change the world and make life and work easier for people who come to this ranch for the sake of nature, learning and exploring the unique nature.

Image and concept of the designed object

In order to preserve the spirit of the festival and take into account the ancient people who previously lived on these lands, and in order to preserve the uniqueness of this place, the most sparing general plan was proposed

* Cars will be parked in an eco-parking consisting of existing plants;
* Existing roads, designed for the will be located where there is no vegetation;
* Houses will be raised one meter from the ground;
* Movement throughout the site will be carried out on bicycles;

The houses will be made in vibrant Native American colors with triangular colored

stained-glass windows, which will create a unique creative atmosphere inside the house. The houses will be made of timber frame, interior and exterior cladding will be made of eco-friendly drywall.

The Sculpture Park area will house sculptures that are specially created by sculptors for the Burning Man festival or this place. Between them there will be pillars (about 3 meters high) to which the fabric will be fixed to create the lightness and mystery of this place, as they will protect from the sun due to the created shadow.

The public area will be home to creativity / study buildings, simple in shape so as to create the impression of merging with nature.

The location for the housing zone was chosen due to the close location of healing springs and a convenient form for the location of houses. Also, the variety of plants in the area creates a unique magnificent view that visitors can observe from their homes.

The abundance of plants on this site does not allow building large,massive buildings, so it was decided to raise the houses one meter from the ground in order to preserve the uniqueness of the place and prevent the emergence of a cultural landscape.

In the residential area, as in other areas, you can only move around by bicycles or by electric vehicles that can be rented and refueled in the energy park area.

You can get to the settlement from anywhere in the Fly Ranch. You can drive up to the houses by bicycles that park near the houses.

The public area is located in the heart of the Fly Ranch, that is, it is the center of the ranch, which provides convenient movement between the projected areas.

The public area is creative and administrative the center of the entire ranch. This location was chosen due to the already existing main entrance to the Fly Ranch.

The territory has huge desert areas that allows building at ground level and makes it easier for builders while preserving plants.The location of the sculpture park was not chosen by chance; the first Burning Man festival in this area was held here.

And paying tribute to the first participants of the festival and preserving the history of this unusual event, it was decided to preserve and give this place for the sculptures of the festival.

The style of the designed buildings is the ethno-style in which

folk motives prevail. The style was chosen to take into account the traditions of the Indians who previously lived on this land, and to preserve and convey the atmosphere of the annual festival.

Deep purple exterior cladding

(RGB83,55,122). Stained-glass windows in red, yellow, violet and blue glass. Their varied light will create a unique creative atmosphere inside buildings.

Houses of two types: 1-5x5m (for 1-2 people) and 2-10x10m (up to 8 people) - have a triangular shape of the facades, thus repeating the hut. Houses of the second type have access to a small terrace, where you can relax in the evening or get together with a small company.

The houses are made of timber frame (from recycled

wood), facing material both outside and inside is made of eco-plasterboard from Knauf, ecowool / sawdust will be used as insulation.

The legs of the houses are made of steel pipes d300 mm, thickness

8mm, which are filled with local soil. Then the frame of the house will be installed on the heads.

approximate cost:

house 5x5 meters 1100 $

house 10x10 meters 2200 $

Number of houses of type 1 (5x5 meters), 124 pieces

Number of houses of type 2 (10x10 meters), 53 pieces