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Landscape Design Projects for 4r-173 Call-Mountain Road Side

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ABSTRACT: This article focuses on the development of landscape design projects with an aesthetic appearance that attracts the sidewalks of the 4r-173 Kungrad-Moynak highway.

As a result of the study of the Kungrad-Moynak highway near the Republic of Karakalpakstan; Visual aids on the 4r-173 Kungrad-Moynak highway were identified and photographed, public service centers using innovative landscape and design solutions, as well as recreational areas, ornamental plant species used in extreme landscaping, were selected to address the identified problems. small architectural devices as well as landscape design solutions projects were developed.

KEY WORDS:landscape design, landscape architecture, landscaping system, art-object, small architectural form, ornamental tree, landscaping standardization, plant composition, flowerbed, basket, curb, planning styles, landscape devices, landscape organization, landscape solutions.

I.INTRODUCTION

Changes in ecology lead to an increase in various diseases that threaten human health, shorten human life, and the biological crisis leads to the extinction of flora and fauna species, changes in the composition of river and lake waters, increased salinity and decreased soil fertility.

Since the middle of the last century, as a result of the steady increase in irrigated land and the construction of reservoirs in the Aral Sea basin, the increase in urban and industrial facilities, population growth, the Amudarya and Syrdarya began to flow less and less water into the Aral Sea. As a result of the increase in the amount of evaporation from the surface of the island, the water level of the lake decreased, causing the main part to dry up. As a result, Central Asia has faced serious environmental and socio-economic challenges. It should be noted that the sharp decline in the water level of the Aral Sea and the formation of a large area without water, ie the Aral Sea, have a significant impact on air pollution [1-3].

The island problem is multifaceted and the problems are interrelated, making it increasingly difficult to solve due to declining sea levels.

In order to improve the living conditions of the population in the cities and villages of the Republic of Karakalpakstan in the priority direction of improving the system of state and social construction of the State Program Action Plan for the implementation of the Action Strategy for the five priority areas of development of the Republic of Uzbekistan in 2017-2021 in the "Year of Active Investment and Social Development" The draft normative-legal document approves the targeted program for the implementation of new constructions in the cities and villages of the Republic of Karakalpakstan, which envisages the construction of a modern town with all the necessary infrastructure in Muynak district.

Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated January 16, 2019 on measures for integrated socio-economic development of Muynak district of the Republic of Karakalpakstan.

In his speech at the 75th session of the UN General Assembly, President of the Republic of Uzbekistan Shavkat Mirziyoyev once again drew the attention of the international community to the Aral Sea region and said: “I would like to draw your attention once again to the catastrophic consequences of the Aral Sea. The Aral Sea region has

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become the center of an environmental tragedy. To improve the current situation, we are doing a lot of work here to create two million hectares of new plantations and forests, to form a layer of soil.

At the initiative of our country, the United Nations Multilateral Partnership for Human Security Trust Fund has been established for the Aral Sea region. We hope that this fund will serve as a base platform for the international community to provide practical assistance to the population living in a difficult ecological zone.

We propose to adopt a special resolution of the United Nations General Assembly declaring the Aral Sea region as a zone of environmental innovation and technology. It would be appropriate to celebrate the date of approval of this important document as the International Day for the Protection and Restoration of Ecosystems.

In order to develop the ecological and tourism sectors of the Aral Sea region, a number of measures are being taken, including in the framework of the innovative project "Development of innovative landscape design solutions for Kungrad-Moynak highway" 4r-173. proposal projects have been developed [1-5].

In particular, a project of a green recreation area for hunters and tourists has been developed at the entrance to the village Hunters' Village at 21 km from the city of Muynak on the 4r-173 Kungrad-Moynak highway.

At the entrance to the village Hunters' Village, the project area "Hunter's Station" is designed for an area of 4850 m2.

The study of the creation of an architectural environment for hunters and tourists visiting at the intersection of the entrance to the hunting lodge, located along the highway, began with the measurement of the area and landscape analysis. Boundaries, objects, location were measured. The measurement plan was implemented in the form of a real situation based on the area, and plant inventory work was carried out in the selected area.

The idea of the plan is related to the size and location of the entrance area to the Hunters Village. Functional zoning of the area was carried out, the main compositional axes and nodes were identified, the scenario of the green area was developed [2]. The substantiation of the project proposal was based on the general landscape-planning decision and the structure of the site in accordance with the functional purpose.

This functional segmentation of architecture in the context of tourism was designed based on a common perspective, based on a simplified approach. Some types or functions of architecture, originally designed at the request of the local population, may, in certain circumstances, serve visitors. In addition, depending on its specific feature, the same architectural structure can perform different functions, for example, rest and convenience are combined [7-10].

Hunters' Village is located 21 km from the town of Moynak on the Kungrad-Moynak highway. The main area of the project will occupy the left side of the road in the direction of Kungrad-Moynak. The project includes a green recreation area, bus stops, an entrance stele to the village of Hunters, a mini-market shop, a cafeteria and dining area, and a parking lot.

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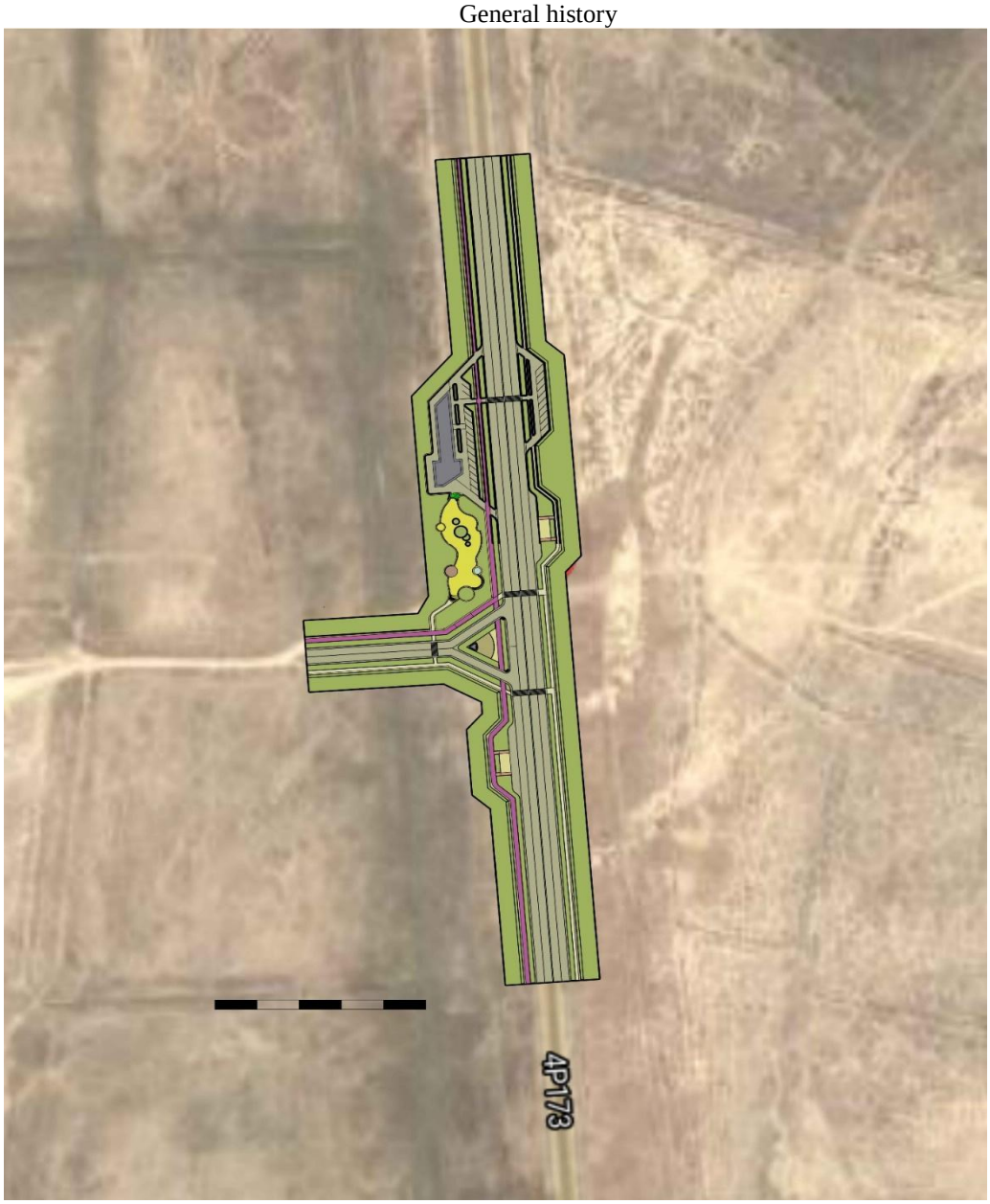
General history



The second figure below shows the regional components of the recreation area.

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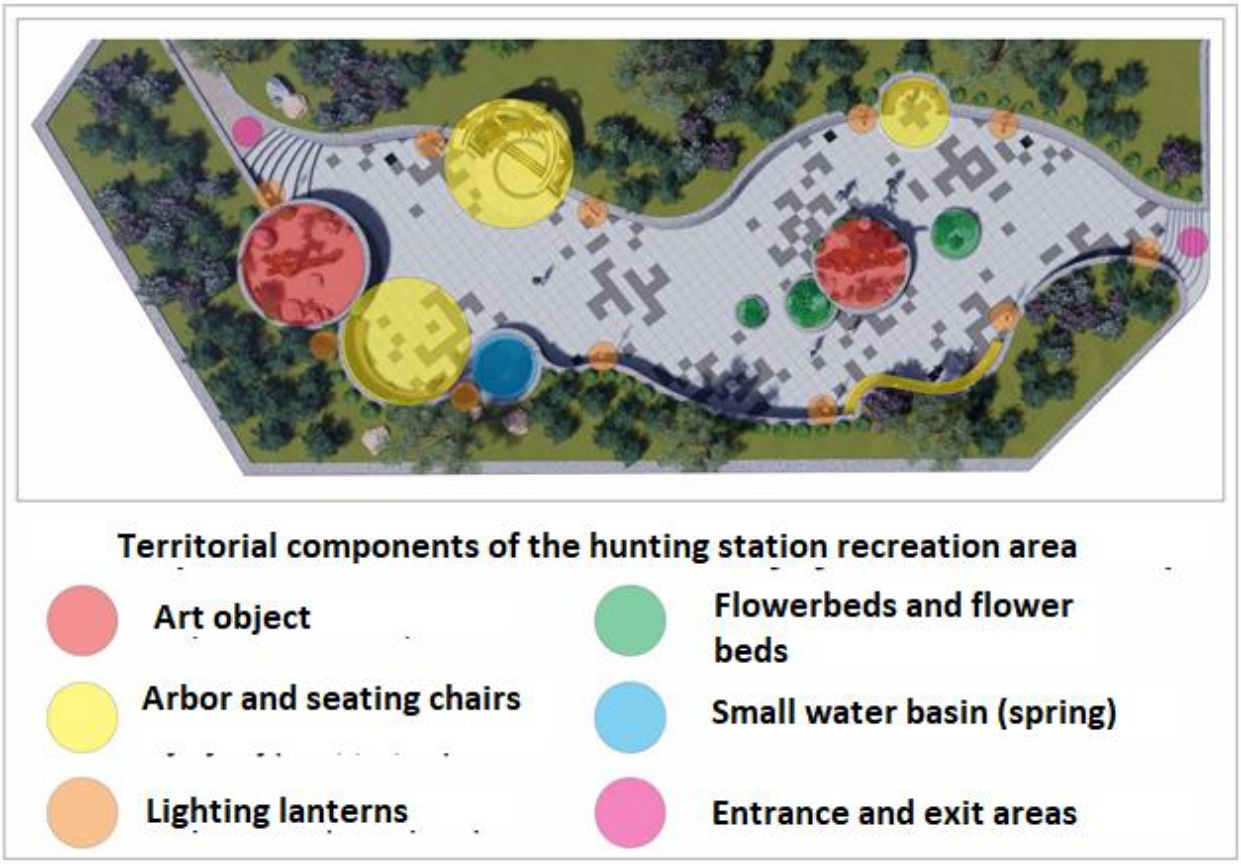
Figure 2



- The dimensions of the constituent areas are distributed as follows:
- - Green recreation area - 2000 m / sq;
- - Shopping and dining area - 1200 m / sq;
- - The green area in front of the stele of Hunters' Village - 400 m / sq;
- - Allocated area for parking - 850 m / sq;
- - The total area of stations on both sides of the road - 400 m / sq. Each;

In addition, the design solution of the area project will include a bicycle path and a sidewalk along the highway. According to the standards, the width of bicycle lanes is 2.2 meters and the width of sidewalks is 1.5 meters.
The green recreation area of the Hunters Village station area is shown in Figure 3.

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Figure 3

According to the name of the hunters' village, a young Karakalpak hunter who went hunting in the area created a monumental composition with a statue of an eagle on horseback with an eagle in one hand and a hunting weapon in the other.

Figure 4.Hunter statue

Hunters' Village Station. The total area of the designed stations on both sides of the road - from 400 m^2 each.

Figure 5 combines national and modern solutions in the architectural environment of the stations.

Figure 5. Hunter's Village is a historical solution to the station

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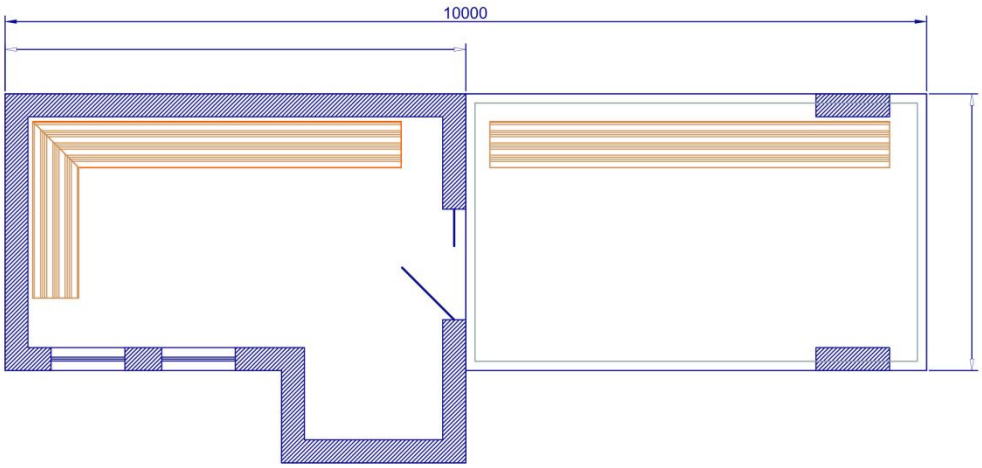

Figure 5a. View of the exterior of Hunter Village Station

Figure 6 shows that some types of architecture, designed based on conversations with locals and tourists based on their ideas and wishes, also serve visitors in certain situations.

Territorial solution of the shopping center, dining area and parking at the station Hunters' Village.

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Figure 6.

Figure 7 depicts an art sculpture of a roadside stella and saigas in front of it in Hunter Village. One of the main reasons we use such art sculptures is that the saigas responsible for this area are declining. A young Karakalpak hunter on a stella is pictured on horseback with an eagle in one hand and a hunting weapon in the other. Stella's height above ground level is 8m. is formed.

Proposals for landscape design solutions around highways focus mainly on the selection of plants, the improvement of the system of small architectural forms. The main purpose of the creation of small architectural forms and the development of proposed projects is to develop tourism, improve the design solution of recreation areas and stations located along highways, create convenience for passengers.

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Concluding on small architectural forms, art objects of a new modern form are widely used, but we can see that they lack experience in the field of shaping national forms. It will be necessary to develop a project of both modern and national architectural forms of the City Stella.

Recreation areas and stations located along highways need to be improved [3]. When choosing trees to plant in their landscape, it is necessary to choose those that protect them from noise, various gases. When pruning annual flowers, it is advisable to choose varieties that are suitable for the climate of the region.

The use of natural energy lighting types of lighting fixtures should be introduced.

In short, the proposed small architectural forms and art objects are intended to enhance the aesthetic beauty of roads by preserving the national spirit and delivering them in a modern interpretation, reducing the uniformity of highways. Art objects, the creation of small architectural forms in a modern interpretation and its novelty is that such national forms and ornaments have so far been interpreted in two-dimensional form or carved into an object, and in this proposal the ornament itself has a three-dimensional appearance. This form can be used not only for recreation areas on highways, but also in the center of the ring road, on the stelae of highways, to decorate the entrances and exits of bridges and tunnels.

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