COURSE WORK

Theory and practice of landscape architecture
Code: PSF -B04- c

Department: Architectural Construction and Restoration
Subject: Landscape architecture
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Multifunctional complex, 119.3 ha
Situational plan

*to fulfill the main objectives of the course work I've chosen a territory of 119.3 ha, distant from the city center by 13.4 km.*
Multifunctional complex, 119.3 ha

Synopsis

* relief of this area is of note for the frequent changes in height relative to sea level, minimum height is -27m, maximum +1m
* one of the goals of the project is to restore the original vegetation. Previously here in large numbers grew olives, brazilwood, neem, Albitius, pistachios, olives, pine, locust, laurels and many other species.

* Zikh lake, trivially called "solenka" is small size and not very deep. The current area of the lake is 7.3 hectares and every year its borders are reducing under the influence of sunlight. The lake was given its' second name for the high level of salinity. It enjoyed great popularity among people because of its "healing properties." The water was much saltier than in the Caspian Sea. Today sanitary conditions of the Salt Lake leave much to be desired, no sanitary rules and regulations are followed, and the lake plays the role of a gutter. Bathing in this place can negatively affect human health, cause a variety of skin diseases. To implement the planned work is necessary to adjust the relief and purify the waste water, thus making it suitable for swimming.
Multifunctional complex, 119.3 ha
Key plan
Multifunctional complex, 119.3 ha
Functional zoning scheme

*all the above mentioned areas are divided into sub-zones, different by their functional purpose
Multifunctional complex, 119.3 ha
Resort area under development 7.3 ha
Functional zonning
Multifunctional complex, 119.3 ha
Resort area under development 7.3 ha
Road network

Legend of zones:
- Attractions' zone, 4.1 ha
- Technical zone, parking spots, 0.2 ha
- Residential zone, 5.2 ha
- Green spaces, 3.5 ha
- Children's recreation zone, 0.2 ha
- Unutilized area

Explication:
- Architectural forms
- Bridge
- Lake
- Pond

Explication of pavements:
- Highway
- Pavement
- Rubber covering
- Wooden covering
- Pebble paving
- Natural stone paving

Water basin
Zikh lake
Multifunctional complex, 119.3 ha
Resort area under development 7.3 ha
Greenery plan
Multifunctional complex, 119.3 ha
Resort area under development 7.3 ha
Greenery plan

Explication:
The conventional borders of the chosen area
- Attractions' zone, 4.1 ha
- Green spaces, 3.5 ha
- Unutilized area
- Parking, 0.02 ha
- Technical zone, 0.2 ha

Explication of greenery:
- Chestnut
- Oak
- Maple
- Willow
- Fir
- Spruce
- Olive
- Dogwood hybrid
- Dogwood/Cornus alba
- Cotoneaster acutifolius

* Line planting, single planting and group planting of trees and shrubs were used in the design of the territory
Multifunctional complex, 119.3 ha
Resort area under development 7.3 ha
Resort area, 0.07 ha
Multifunctional complex, 119.3 ha
Resort area under development 7.3 ha
Children’s recreation zone, 0.2 ha