



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Code for the design of urban green space

园林绿化工程项目规范

(English Translation)

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1 General

1.0.1

In order to build high-quality landscaping projects, create an ecological, livable, harmonious and beautiful urban environment, meet the needs of the people for a better life and a beautiful ecological environment, and provide the people with fair enjoyment of green benefits, this policy is formulated specification.

1.0.2

Landscaping projects must implement this specification.

1.0.3

Landscaping engineering projects should improve the urban ecological environment, provide recreational services, and should realize comprehensive functions such as ecology, leisure, recreation, beautification, cultural inheritance, popular science education, and disaster prevention and avoidance of landscaping engineering projects.

1.0.4

Landscaping projects should be selected according to the following principles.

- 1 Respect for nature and give priority to ecology;
- 2 people-oriented, fair sharing;
- 3 Promote culture, inherit and innovate;
- 4 Adapt measures to local conditions and be economical and applicable;
- 5 Overall planning and coordinated development.

1.0.5. Whether the technical methods and measures adopted in the project construction meet the requirements of this specification shall be judged by the relevant responsible parties. Among them, innovative technical methods and measures should be demonstrated and meet the performance requirements in this specification.

2.1 Scale layout

2.1.1

The city should build a green space system that is compatible with the city's scale, layout structure, and landscape features, determine the scale and layout of park green spaces, protective green spaces, attached green spaces, and regional green spaces, and implement landscaping projects.

2.1.2

The construction of the urban green space system should realize the functions of protecting the urban ecological environment, maintaining the integrity of the urban ecological space structure, satisfying the functions of scenic recreation and safety protection, and should meet the following regulations.

1. Respect the topography and features of the city, organically integrate with the river and lake water system, protect and display the natural landscape and historical and cultural resources;
- 2 The urban spatial structure should be optimized, and green belts such as group-isolated green belts and ventilation corridors should be arranged to connect urban and rural green ecological spaces;
- 3 A park system should be constructed to make full use of linear spaces such as greenways and waterfront open spaces to meet public recreation needs.

2.1.3

The area of park green space should be compatible with the scale of urban development, the per capita park green area should be greater than 8.0m² per person, and the coverage rate of park green space service radius should be greater than 80%.

2.3.1 After the landscaping project is completed, the maintenance and management period should not be less than one year.

2.3.2 Garden plants should be regularly maintained, plant pests and diseases should not pollute water sources, and the use of highly toxic and highly toxic pesticides is prohibited, and aquatic plant pests and diseases must not use pesticides.

2.3.3 The operation and management of the park should improve various service measures and meet the following requirements.

1 The safe operation of various facilities and equipment in the park shall be guaranteed;

2.Science popularization, explanation and education should be carried out for tourists.

2.3.4 The park shall establish a safety management system, implement various safety measures, and shall comply with the following regulations.

1.Combining safety conditions and resource protection requirements, it should undertake the corresponding functions of disaster prevention and risk avoidance;

2.A safety early warning and control system should be established, and emergency plans for public health emergencies, natural disasters, social security incidents, holiday peak management, and large-scale gathering activities related to its management should be formulated.

2.3.5 All service facilities in the park should ensure the public welfare of the service, and should not carry out business activities that are contrary to the purpose of serving tourists.

2.3.6 Ancient trees and famous trees and buildings (structures) with lightning hazards should be installed with lightning protection facilities.

3.1 Terrain and soil

3.1.1

Landscaping T project foundation site original soil and foreign soil shaping the topography, fillings should not contain pollutants and radioactive substances that are harmful to the environment, human, animal and plant safety.

3.1.2

The landscaping process should be fully combined with the vertical shape of the base site, and should meet the following requirements.

1 The topography should keep water and soil stable, and the elevation setting should be conducive to the on-site consumption of rainwater, and should be coordinated with the elevation of adjacent land use;

2 The waterscape should be organized reasonably in combination with the rainwater consumption of the foundation site and water resource conditions.

3.1.3

The stacking of soil hills should be calculated for bearing capacity, and the stacking height should be suitable for the range of stacking; the natural slope should be set according to the natural repose angle of the soil hill pile, and when the slope exceeds the natural repose angle of the soil, slope protection, retaining Construction measures such as walls, soil consolidation or anti-scouring.

3.1.4

Terrain shaping The range of filling and excavation should avoid the protection range of ancient and famous trees, and the root system of trees should have good drainage conditions.

3.1.5

Harmful heavy metals in the soil should not affect the normal growth of plants. When the soil quality is poor, the soil should be improved or the planting soil should be replaced.

3.1.6

Landscaping T process planting soil and fertilizers must not pollute water sources.

3.2 Park roads and activity venues

3.2.1

Garden roads and activity venues should have the functions of guiding tours and facilitating tourists to collect and disperse, and should meet the following regulations.

1.The lower limit index of the venue area for collecting and distributing activities in the gate area of the ticketing park shall be based on the capacity of tourists, and shall be calculated as 500m²/10,000;

2 The width of the garden road for passing fire trucks should be greater than 4m.

3.2.2

The entrances and exits of parks and squares, main park roads, recreation and service buildings should meet barrier-free requirements.

3.2.3

Garden roads and activity venues should not be set up near natural rock walls and steep slopes with geological hazards and hidden dangers to mountain stability.

3.2.4

The slope of the garden road and the paved activity site should be conducive to drainage. The vertical and transverse slopes of the garden road should not be zero at the same time, and the surface drainage slope of the site should be greater than 0.3%.