

Construction technology and application of landscape architecture engineering construction

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Abstract: With the rapid development of China's modern economy, the quality of people's life has gradually improved. Therefore, China has put forward higher standard requirements for the construction technology of landscape engineering architecture. In order to conform to the development needs of the times, the construction of landscape architecture must create a number of science and art projects. The application and quality of construction technology in the construction of landscape engineering construction are the basic conditions to ensure the early completion of the project. In order to strengthen the quality of landscape architecture construction, we must master the technical focus of landscape architecture construction and make rational use of it.

Keywords: landscape, construction, technical application

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1 Introduction

The pace of urbanization in China is keeps accelerating and people pay more and more attention to the environmental protection. Planning and design of landscape architecture is very important in the whole urban development process. As the landscape architecture project is a very complex project, and the comprehensive construction technology. In this regard, it is necessary to strengthen the technical level, optimize management strategies, improve the quality of landscape construction and promote the rapid development of urban landscape.

2 Current situation of landscape construction technology in landscape architecture

With the rapid development of modern economy in China, the pace of urbanization is accelerating, the landscape is an important guarantee to promote the development of urbanization and a precondition to reflect the spirit of a city. People pay more and more attention to the environmental protection. Planning and design of landscape architecture throughout the entire urban development is very important. Landscape through the arrangement of flowers and trees planted to form a regular and creative flora, close to people's work and life, landscape construction technology to play the role of the extreme. Landscape construction technology is an important guarantee for improving the living standards

of urban life. Landscape can beautify the city's spiritual outlook, beautify the environment, make people pleasing, purify the air quality to a certain extent, it is the city's freshener. At present, landscape engineering in China has been gradually marketized and made big progress. However, there are still some problems in the construction of landscape architecture, for example, the problems between landscape design and the development of urban scale, construction management problems, etc.

3 Construction technology analysis of landscape architecture project

3.1 Topsoil backfill technology

In the process of construction of landscape architecture, it is necessary to pay attention to the changes of the soil at all times, so as to maintain the soil's own nutrients and helps to promote the growth of plants. If necessary, the soil quality problem should be improved, and the soil depth generally controlled between 80 to 100 cm. In the control process need to pay attention to the following issues^[1]. First of all, the rainy day can not be carried out, in the dry state to use forklifts to dig soil. Secondly, to protect the granule structure, and the soil with quality problems in the lower layer is constructed to avoid the existence of aquifer. Finally, it is important to note that the depth of the topsoil and the slope of the drainage should not be too obvious, the height should be moderate, and the height of the road should be controlled between 3 and 5 cm along the soil.

3.2 Plant planting technology

Dug dig planting is done after the completion of the point line, the size of the acupuncture points should be uniform with the size of seedlings soil ball, the depth of 10 to 30 cm deeper than the depth of the soil ball, the size of 20 to 50 cm more than the soil ball^[2]. The acupoints are generally round or U-shaped, and the stone in the points particles removed. Before planting, according to the type of plant pruning to remove the messy branches. In the planting process, the plant should be planted according to the type of plant, strengthen planting techniques, control the degree of moisture of the soil, and combined with the type of plant for different maintenance. Finally, it is necessary to combine the planting drawings to correct planting and maintain the beauty of plants. Planting of plants should be done by professional planting growers to ensure that landscape architecture can be completed on schedule.

3.3 Fixed-point pay-off technology

A high-quality landscape architecture, its fixed-point pay-off technology is very important. The early design plays a decisive role in the visual effects of the later period. The building class are used as the fixed points by the fixed objects to determine the precise coordinate and execute strictly in accordance with the drawings. Drawings reference points, square grids and the like can also be used to determine the fixed-position of the plants. If the location is not accurate, it is necessary to ask the designer personally go to the scene to supervise designated line work, identify problems and solve them in time. In addition, pay attention to the species, the specifications, the appearance and uniformity of the line plant can not be too rigid. Once the plant release lines and drawings design need to be changed, it must be approved by the superior leader to make changes, and it is strictly prohibited to make any changes to the construction drawings at will.

3.4 Maintenance technology

In general, planting easy to maintain difficult. In order to improve the survival rate of plants, it is necessary to strengthen the late conservation of plants. In the maintenance process, reasonable and scientific methods of conservation are very important. For example, watering and fertilizing on time, pruning and cleaning plants, these steps are the key factors affecting the quality of the project. When planting plants, watering first or fertilization, how to properly pruning branches and leaves, to what extent is reasonable, these need a professional and strong construction staff to complete. If the plants die because of the amount of water they should always pay attention to the soil condition of the plants and regularly trim the branches and leaves of the plants and pay attention to the problems of pests and diseases so as to ensure that the plants can be well protected after planting and improve the survival of the plants rate.

3.5 Skeleton structure construction technology

Skeleton structure in the construction process, to prevent the erosion of water. Once the skeleton structure of the waterproof work is not resolved, the landscape architecture will extend the construction period^[3]. In order to be prepared, whether it is brick or steel or hybrid skeleton, should pay special attention to the construction process to avoid water erosion.

4 Technical difficulties in construction technology of landscape architecture

First of all, during the construction of landscape architecture, a high-quality engineering construction includes the professional level, quality accomplishment, executive ability and communication skills of staff. Details determine the success or failure. The technical and ideological consciousness not implemented, the design is not reasonable, management and technical team execution are weak, which are the key factors affecting the progress of construction of the project. In every detail, it makes the construction quality is not up to standard once not in accordance with the norms to implement. Secondly, the overall steps of plantation planting, digging, pruning, planting and conservation should have more rigorous standards at each step. Once deviations from the standard will affect the quality of the soil, the plant will appear various problems in the growth process, bring huge losses to project.

5 Landscape architecture construction application

5.1 Promote the pace of garden construction

To make the landscape always maintain different ornamental values throughout the year, it is necessary to have scientific and rational allocation of garden plants. Each plant has its own characteristics in the growth process. Each plant has its own characteristics in its growth process. Different plants have different demands and habits on sunlight, water and soil. This requires diversity in the planting process to ensure the healthy growth of plants^[4]. Only reasonable allocation of plants can improve the landscape effect. In this regard, the garden staff should have a professional technical functions, grasps the operation flow of new technologies and promote the pace of gardens construction.

5.2 Scientific management of plants

In the process of landscape architecture construction, the scientific management of plants can improve the visual effects of landscape. Garden construction to a certain extent, plants will have an impact on the growth and soil environment, so in the planting process, paying special attention to whether plants can adapt to the soil humidity, choose good

quality seedlings. In addition, choose the suitable plant specifications, lush roots, no pests and diseases, in line with the planning standards of the landscape, leafy and healthy^[5]. In the application of high slope protection technology, the stability of the slope can be maintained by planting grass.

5.3 Pay attention to garden maintenance work

In order to improve the construction quality of landscape engineering, it is necessary to pay attention to the garden conservation and ensure the professional management of garden. First, regularly organize garden staff to conduct relevant professional training, improve their technical functions and cultural knowledge, and lay a solid foundation for the conservation of landscape plants to the standard. Secondly, by means of public bidding, we choose the reputable and experienced conservation units to reduce the investment in conservation work and improve the quality of planting. Thirdly, the relevant garden management department should carry out reasonable supervision and management of every detail of the construction of the garden project, to a certain extent, guarantee the quality of the garden conservation work.

6 Conclusion

In summary, with the rapid development of China's modern economy and the accelerating pace of urbanization, China has put forward higher standards for the construction technology of landscape architecture. As landscape engineering is a very complex project, and the construction technology is more comprehensive, there are already some landscape architecture construction technology has been unable to meet

the current construction standards, lack of innovation. In this case, it is necessary to raise the level of construction, strengthen management, innovate technologies and promote the rapid development of landscape architecture projects. In the construction process, in order to better show the landscape effect, it is necessary to fully consider the consistency and integrity of the landscape of the landscape, beautify the appearance of the city and purify the urban air.

Conflict of Interest Declaration

No conflict of interest was reported by the authors.

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