

Discussion on Landscape Design of Green Open Space in Urban Renewal

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Abstract

With the development of modern society, we have higher and higher requirements for urban construction, and at the same time, we have put forward higher standards for the development direction of cities at present. Against this background, The requirements of urban renewal are also constantly improving, At the same time, due to the serious loss of natural resources at this stage, we often need to consider green elements when designing, and add the related factors of environmental protection and sustainable development, so as to ensure that the overall urban open landscape design meets the needs of social development at this stage. This paper will start from the open space design under the background of urban renewal at this stage, and study the related concepts of integrating green environmental protection elements and sustainable development direction into urban space design, aiming at further improving the utilization of natural resources and sustainable development.

Keywords

Urban Renewal; Utilization of Urban Space; Open Space; Landscape Design.

1. Foreword

Urban renewal is the reconstruction, reconstruction and maintenance of some facilities in a city, and it is also the reconstruction of the internal environment and style of the city, which is the most basic livelihood construction and urban construction. However, in the process of urban renewal, the most critical issue to be considered is whether the renewal content conforms to the relevant urban planning and some requirements put forward by the state for urban development at this stage. At the present stage, with the development of society, natural resources are consumed seriously, and there are still a number of non-renewable resources, which has gradually attracted people's attention. Therefore, the related issues of urban renewal should be carried out according to the requirements of green environmental protection and sustainable development, so should the urban interior landscape design.

2. Urban Renewal

Urban renewal is a kind of necessary and planned reconstruction activity for areas in cities that are no longer suitable for modern urban social life. In August, 1958, at the first seminar on urban renewal held in the Netherlands, it was explained that people living in cities have different expectations and dissatisfaction with the buildings they live in, the surrounding environment or travel, shopping, entertainment and other life activities. For the repair and transformation of the house where you live, the improvement of the environment such as streets, parks, green spaces and bad residential areas is required to be implemented as soon as possible to form a comfortable living environment and beautiful city appearance. Urban construction activities including all these contents are urban renewal.

In the landscape design of urban internal open space, Urban renewal often requires a lot of manpower and material resources, One-time guarantee that the quality and effect of open space

landscape design can reach the expectation, but in fact, this is one of the reasons for non-environmental protection, but in fact, urban renewal is an act that needs to demolish or rebuild the original buildings, so it is inevitable to have some impacts.

The purpose of urban renewal is to demolish, transform, invest and construct a certain declining area in the city, and replace the functional declining material space with brand-new urban functions, so as to make it develop and prosper again. It includes two aspects: on the one hand, it is the transformation of objective entities (buildings and other hardware); On the other hand, it is the transformation and continuation of various ecological environment, spatial environment, cultural environment, visual environment, recreation environment, etc., including the continuation and renewal of social network structure, psychological set, emotional attachment and other software in the neighborhood. In European and American countries, urban renewal originated from the transformation of bad residential areas after World War II, and then extended to the transformation of other functional areas of cities, focusing on the areas where land use functions need to be transformed. The goal of urban renewal is to solve the urban problems that affect or even hinder the development of cities. These urban problems have both environmental reasons and economic and social reasons [1].

3. The Problems and Development Status of Green Open Space Landscape Design in Urban Renewal in China at Present

Since 1990s, China's infrastructure industry has gradually entered the formal stage. At the same time, some unreasonable and unqualified buildings in cities are often demolished for better project planning. At the same time, urban renewal is also one of the important ways to promote urban development and economic development. Similarly, open space is often one of the more distinctive places in a city, which often has the development direction and theme of a city, and at the same time has the characteristics of a city.

1. Green elements are not thoroughly integrated

As we all know, green development is not just lip service. Many urban renewal is under the name of green open space, but the actual operation does not implement the related concepts of green development. For example, during the construction, the demolition and repair are still carried out in a more polluting way, and the green standards are not achieved at all in terms of emission control and pollution control. On the other hand, Many people think that the design of green open space is to build subsequent space buildings and other facilities into greener buildings, But in fact, green open space should implement the concept of green development and sustainable development, and the concept of green should be implemented in the selection of materials, the control of pollution in buildings, and the sustainable development after buildings [2].

2. The concept of open space and green design are not integrated harmoniously

Open space refers to the area with natural landscape inside the city, not to say that the undeveloped space is called open space. Open space should have certain significance and entertainment at the same time. In the development process of the new era, open space has been given an important responsibility by urban planning to show the direction of urban development and show the appearance of the city. It can be said that open space is the representative of a city in the eyes of outsiders. Therefore, if the open space wants to integrate green elements, it should pay more attention to the embodiment of the city's own characteristics. Only by ensuring the balance of space can it be better designed. The design of green open space should take into account the local cultural characteristics, Taking Longgang Park in Jinzhai County, Lu'an City, Anhui Province as an example, Jinzhai County is a famous general county in China, so the red elements inside the park are very strong. On this basis, a large number of greening, flowers, lakes, hills, rockeries and other measures are installed,

which not only ensures the appearance and development direction of the city, but also has the characteristics of the city. On this basis, the city is afforested and decorated, so that people can feel the atmosphere of the whole city as long as they come here. Such a green open space is a more reasonable and effective green space. On the contrary, when observing most urban open space designs in China at present, it either highlights the urban characteristics and does not have both green development, or vice versa [3].

3. Green design is not just about planting flowers and grass

At this stage, many people will think of many trees and grass when they mention green design. But in fact, green design refers to a brand-new concept, which can be called green design without planting flowers and grass. At present, when many urban open space designs try to integrate green elements, they are often very easy to make mistakes in this concept, which leads to the final investment budget and the impact of traditional open space design, and can not achieve the expected effect [4].

4. Discussion on Landscape Design of Green City Open Space

In the discussion of landscape design of green city open space, it is necessary to make clear the basic meaning of green first. In this meaning, green refers to the related concepts of reducing the impact on nature and further promoting sustainable development when landscape design is carried out.

Therefore, first of all, green design should start from material selection, and choose a variety of green materials such as recycled materials, composite materials and natural materials for construction. Only in this way can we ensure the basic implementation of green meaning and further reduce the cost of later maintenance. In addition, when selecting materials, we should pay attention to recyclable materials or new high-strength materials to avoid excessive maintenance costs caused by low material quality, while recyclable materials can further enhance the ability of sustainable development.

Secondly, it is necessary to add natural elements, such as flowers and trees, to landscape design, but it should be noted that the selected varieties should be selected according to local characteristics, and only in this way can the sustainable development and effective development of these landscapes be ensured [5].

Finally, in landscape design, we should pay attention to the integration of urban style, pay attention to the embodiment of urban appearance and urban development direction. Only in this way can we better integrate with green elements and not have a serious sense of disobedience.

5. Conclusion

The construction and design of open urban spatial landscape should reflect the goal and direction of urban development, At the same time, it also needs to integrate certain urban characteristics. Only in this way can the landscape and the city be better integrated. When integrating green elements, we should pay attention to the fundamental implementation of the green concept. Only by carrying out green building operation from the beginning can we call it green building. And we should pay attention to the later maintenance and material selection. When choosing materials and shaping buildings and landscapes, we should pay more attention to the sustainable development direction, which can not only reduce the later maintenance cost, but also better meet the sustainable development goal set by China in the current social development.

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