

Research on the Application of Landscape Architecture in Landscape Design Based on Modern Aesthetics

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Abstract: This paper takes the dialectical relationship between the technical conditions and aesthetic characteristics of modern urban landscape as the research object. From the perspective of aesthetics, it analyzes the aesthetic value of current urban landscape, examines the aesthetic problems existing in the construction of modern urban landscape, and discusses how the scientific and technological achievements can be combined with the creation of landscape aesthetics in the current rapid urbanization process in China. On this basis, the author makes a certain positive discussion and research on the characteristics of the times of modern urban landscapes based on the social conditions and economic development levels of different regions. Through systematic and multi-view comprehensive research on the theoretical knowledge of related disciplines, revealing the intrinsic relationship between technical conditions and aesthetic expression of landscapes, and seeking modernization in the theoretical and practical aspects that tends to be rational and conform to the development of the times. New ideas for landscape design.

1. Introduction

At present, with the accelerating process of urbanization in China, modern landscape design, as a basic way to improve the living environment of the people, is increasingly receiving attention from the world. In terms of building technology, modern landscape reflects the level of scientific and technological development of this era; in terms of content, it covers the lifestyle of people in this era; in form, it expresses the aesthetic taste of the people of this era. How to combine China's social conditions and economic development level to build a new urban landscape environment that is more responsive to the development of the times while taking into account health, livability and beauty is an important issue that landscape professionals have to consider in the new situation. Our contemporary landscape architects should be at the forefront of the times, take the initiative to understand the trends and trends of the development of science and technology, actively explore the use of new materials and new technologies, and at the same time, enhance the aesthetic value of modern landscapes from an aesthetic point of view, and examine landscape design. And the aesthetic problems that exist in the construction [1]. Therefore, in the process of China's rapid urbanization, how to combine scientific and technological achievements with the expression of the aesthetic characteristics of modern landscape design, explore the new era spirit of modern landscape design, and find a country that adapts to China's specific national conditions and internationalization. A new path for the development of modern landscape design with horizontal integration.

2. Dialectical relationship between technical conditions and aesthetic characteristics

2.1 Overview of Aesthetic Features

Under the combined effect of the aesthetic research structure and the aesthetic research results centered on humanism, the aesthetics of formalism aesthetics, symbolic aesthetics, analytical aesthetics and deconstructive aesthetics emerged at the end of the 20th century, reflecting different history. The analysis and division of classical aesthetics in the period led to the modern aesthetics with subjective characteristics beginning to show the characteristics of developing empiricism. It

further promoted the gradual improvement of the aesthetic theory system with scientism and modernity that focuses on form and attitude [2]. This process interprets the main development process of Western aesthetics until the present.

The development of modern landscape design will show diversity characteristics in aesthetic characteristics due to differences in its internal quality appeal. The landscape is regarded as an artistic creation in the context of the development of the times. The most intuitive display is the experience of perception, touch and emotion. Its connotation not only reflects the aesthetic concept of the designer itself. Aesthetic cognition is a figurative expression of aesthetic emotions metaphorized in the development process of various social components. Therefore, in the absence of thinking about social emotions and cultural perceptual cognition, landscape design and artistic creation have no aesthetic value [3]. This thinking of expressing aesthetic views in urban landscapes is an important breakthrough in the aesthetics of modern landscape design. Under this premise, aesthetics has become a material ideographic phenomenon. The multi-dimensional aesthetic concept image and diversified communication channels are mutually integrated, which establishes the ideographic characteristics for the future aesthetic perception.

2.2 Dialectical relationship between technical conditions and aesthetic characteristics

First of all, from the perspective of human civilization, the two are unified in people's social practice activities. When you leave people, aesthetics will become a passive water and a tree without any roots at any level, like a body that has lost its soul. At the same time, as a shadow of human production practice, the technical conditions themselves will not provide true nutrients for the aesthetic performance of the aesthetic level, and aesthetic achievements and aesthetic practice activities will not be discussed [4].

Second, the expression of the aesthetic characteristics of modern landscape design works is the practical process of creative labor of designers or the people. It combines unique thinking, emotional expression and life experience to be one and non-replicable. The technical conditions and technical means exist as unconscious machines. They are the tools and means for people to engage in practical activities, and they do not have any creativity [5].

Third, the definition of aesthetic characteristics comes from the social practice of human beings. The common cultural and historical environment and social production practice are the basis of people's aesthetic consensus [6]. The spontaneous and pure perception of beauty does not exist. On the technical level, no matter whether it is traditional or modern, it does not have the ability to discover beauty and create beauty independently [7]. Technical conditions provide the possibility to express aesthetic characteristics, while the performance of modern landscape design aesthetics largely reflects the relevant landscape technical conditions at that time. This is a realistic representation of the dialectical relationship between the technical and aesthetic characteristics of modern landscape design.

3. Aesthetic characteristics under technical conditions

3.1 The aesthetic characteristics of the modern landscape design trend

Since its birth, modern landscape design has gradually abandoned the aesthetic criteria of landscape design in classicalism and constantly explored new aesthetic orientations. With the development and improvement of related science and technology, modern landscape design tends to be diversified in terms of expression techniques, expressions and expressions, such as the first true modernist landscape in American history - Naum Koji Manor (figure 1). After a hundred years of vicissitudes of change, it is not difficult to find that in different development periods, although they are in different geographical spaces, the expression techniques, performance contents and ways of thinking of modern landscape design all show some degree of commonality.



Fig. 1 Naum Cogy Manor design

For a long time, modern landscape design has developed to a large extent in some countries in the United States and Europe. During this period, the situation in the UK has been different. It can be said that the impact of modern landscape design on the UK is extremely weak. The Spanish ghost architect Antonio Gaudí advocates the revival of the Gothic style, emphasizing the architectural and landscape-like design of nature. Guell Park (Fig. 2), one of Gaudi's most representative works, is considered to be a magnificent flower in the history of design. In Guer Park, the central axis of the classic style is used in the layout of the track. In the architecture and landscape, the elements of space, color and sculpture are coordinated and unified, and the Mediterranean environment is combined with the natural environment of the site. Perfectly integrated, it creates a gorgeous world like a fairy tale world.



Fig. 2 Guell Park Design Study

Different landscape designers have created different design squares, and they have come together to open the multicolored world of modern landscape design before the middle leaves. At this stage, the technical aspects of modern landscape design have their striking similarities in the twentieth century and aesthetic characteristics: first, the technical features are very singular; secondly, the aesthetic characteristics of different landscape design works. The interpretation of aesthetic values gives people a sense of similarity. At this time, despite the strong impact of the pioneering art trend, modern landscape design has not completely shaken off the influence and restraint of classicism on its aesthetic value. Most of the works show the pursuit of natural beauty and emphasize the unity of landscape and venue. At the same time, influenced by the two world wars, although the development of technical conditions has begun to emerge, it still faces a relatively difficult situation. The complete systematic design techniques and methods have not been formed, and the landscape designer's design process is largely equivalent to the artist's artistic creation process. Whether it is the development of technical conditions or the progress of aesthetic characteristics, it has laid a solid foundation for further exploring the new situation of modern landscape design development and climbing the peak of modern landscape design.

3.2 Aesthetic characteristics of the expansion and extension stages

With the multi-faceted development of landscape practice, the earth landscape is gradually becoming well known as a new form of landscape expression. The design concept of the earth landscape has carried out the design concept from science to art, which has had a profound impact on the landscape design of this period. Since the 1960s, the earthly artists' artistic creations with environmental awareness have been called "land art." Land art is a positive reflection of artists in the aesthetic and technical aspects of environmental crisis. It transcends the artistic category of traditional works of art. The work itself exists as an important part of the site, and the environment and venue become a Overall, it has a strong sense of place.

During this period, modern landscape design inherits the previous experience, follows the naturalistic landscape design model, and establishes a harmonious connection between the artificial environment and nature based on ecological knowledge, and strives to explore a sustainable development and the road to scientific development of landscape design. Landscape architects are responsible for the design of the human ecological environment and ecosystem. The scope of the modern landscape design research has been further expanded and people have begun to strive to open self-renewal based on the conditions of the natural environment system. A new historical chapter in modern landscape design with regenerative features.

3.3 Overview of the development trend of aesthetic characteristics of modern landscape design

(1) The shift in the concept of scale. The boundary between the landscape and other functional land in the city is continuously broken, and the landscape elements gradually penetrate into the entire urban space. The scale concept in the aesthetic characteristics of modern landscape design is further updated. Urban space has become the target of landscape design. In the past, the scale concept defined by the site was broken. Therefore, we no longer define the scale viewpoint of the new modern landscape design with the previous macro and micro duality characteristics, but should start from a comprehensive aesthetic perspective and newly define the scale concept of the aesthetic characteristics of modern landscape design.

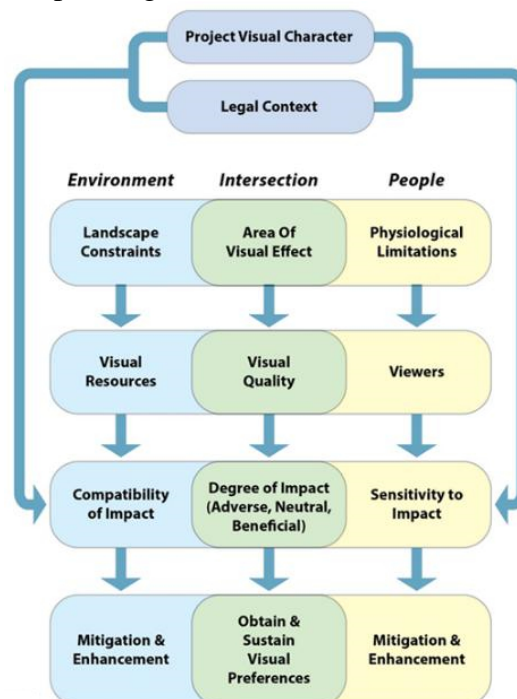


Fig. 3 Landscape environment space aesthetic process

(2) Focus on multidisciplinary communication. The landscape environment space is a comprehensive system integrating function layout, aesthetic expression, technology application and cultural inheritance. It is difficult to realize the overall value of the landscape system in a single disciplinary system. Scientific and technological means, including aesthetics, technical science, materials science, ecology, environmental science, behavioral science, and psychology, are the main

practical foundations for modern landscape design to express its aesthetic characteristics (Figure 3). It is the purpose and destination of modern landscape design to express aesthetic characteristics and realize aesthetic value under the premise of satisfying the functionality. With the gradual deepening of modern landscape design concepts such as environmental protection and ecological restoration, the full exchange of multidisciplinary issues has become the key to solving a series of environmental and ecological problems and enhancing the aesthetic value of environmental space, and it is also the aesthetic characteristics of modern landscape design. Important content.

(3) Emphasize ecological protection. Since the industrial revolution, many problems involving human living environment, such as ecological destruction and environmental degradation caused by large-scale industrial production, have become increasingly prominent. The involvement of concepts such as ecology has made the design concept of improving landscape design and improving the relationship between man and nature and generating ecologically sound environmental mechanisms. The ecological concept emphasizes the coordination and cooperation of multidisciplinary and the continuous updating and progress of the environmental science system. In the current urbanization construction, the ecological landscape environment as a basic guarantee, its importance has been recognized and respected by people, and it shows a gradual and in-depth trend at the conceptual level. The landscape space with ecological protection significance can not only meet the harmonious coexistence of human and natural environment, but also provide reference for the sustainable development of the environment from the perspective of development. At the same time, following the principle of ecology is the foundation of building an eco-city, an important substantive guarantee for the sustainable development of the landscape, and the foundation and source for achieving the unification of aesthetic characteristics at different levels of science, art and culture.

(4) Express cultural heritage. As a symbol of the materialization of a splendid human civilization, the city is a product of the process of historical and cultural accumulation. The urban landscape records and inherits the cultural connotation and conveys people's emotional sustenance. In the current era, landscape is no longer a manifestation of a single function and form. The communication of cultural forms at a deeper level has become an important era pursuit and performance of the aesthetic characteristics of modern landscape design. Cultural inheritance is one of the important functions of modern landscape design. Unlike traditional landscape pursuit of pure purity, modern landscape design is an important carrier to express cultural connotation and reflect cultural value. Landscape space is a specific space. A comprehensive system of time, people, and culture that forms a specific spatial image by awakening people's collective memory of the place.

4. Conclusion

As one of the subjects that highlights the realistic charm of urban space and reflects the spiritual connotation of social culture, modern urban landscape is of great significance to urban development and social progress. It has a positive social effect produced at the aesthetic level, which is manifested in the increase of the participation of the landscape in urban space and the improvement of the urban endogenous image. The urban context under the cultural tradition is thus passed down and promoted. This is inextricably linked to the specific content embodied in the aesthetic characteristics of modern landscape design. The development of modern landscape design will be characterized by diversity in aesthetics due to differences in its internal quality. The landscape is regarded as an artistic creation in the context of the development of the times. The most intuitive display is the characteristic experience of perception, touch and emotion. Its connotation not only reflects the aesthetic concept and aesthetic cognition of the designer. It is also a figurative expression of aesthetic emotions metaphorized in the development process of various social components. Therefore, in the absence of thinking about social emotions and cultural perceptual cognition, landscape design and artistic creation have no aesthetic value. This thinking of expressing aesthetic views in urban landscapes is an important breakthrough in the aesthetics of modern landscape design. Under this premise, aesthetics has become a material ideographic phenomenon. The multi-dimensional aesthetic concept image and diversified communication channels are mutually integrated, which establishes the ideographic characteristics for the future aesthetic perception.

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