

# Application Analysis of Constitutive Artistic Elements in Modern Landscape Architecture Design

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**Abstract:** Landscape architecture design is constantly updated with the development of modernization and people's aesthetic changes. Art design is the main body of landscape design. Through certain art design and modeling, the natural garden trees, flowers and plants can be created into a rest area for people to watch, rest and play. Constitution art is the main body of all art designs. It has a far-reaching impact on garden design. For the design of modern gardens, constitution art design has become an important part of garden module design. This paper will comprehensively expound the application of constitution art in modern garden design, and provide certain reference value for the construction and design of landscape architecture.

## 1. Introduction

With the continuous development of social economy, people's quality of life has been improved, and people's aesthetics has changed greatly. Therefore, modern landscape architecture design should also keep up with the pace of social development and constantly change, so as to meet the needs of social development. But at present, there are still some problems in the landscape architecture design in China, such as different professional levels of designers, uneven design quality and so on. Constitution art is a modern new design technique. Its application in modern landscape architecture design can effectively improve the overall quality of landscape architecture design in China. Therefore, it is of great significance to study the application of constitute artistic elements.

## 2. The Concept of Constitution Art and Its Production

The core idea of constitution art is to express the thoughts and feelings of art creators in abstract form. Constitution art attaches great importance to geometric abstract modeling performance and independent formal value. The art of landscape architecture belongs to the form of modern art expression, which has certain connection with other forms of art expression. Constitution art was born in the late 1920s. At that time, it was mainly used in painting art. Later, it was gradually enriched by Dutch style school, thus forming a relatively perfect theoretical system. Constitution art is the basis of all art design, belongs to creative thinking mode, and is also the organic integration of emotion and rationality. Under the condition of abiding by certain aesthetic laws, constitution art rationally combines the basic elements, and finally achieves the perceptual visual art effect. Constitution art provides the designers of modern landscape architecture with creative inspiration and theoretical basis, and explores the expression forms of landscape architecture design in terms of spatial structure and form, which greatly enriches the expression forms of visual forms of modern landscape architecture and meets people's requirements for modern landscape forest. In the process of landscape architecture design, constitution art can be applied to the overall structural layout, physical expression and color composition of landscape architecture design. Landscape architecture is a design that meets people's aesthetic needs and functional needs through the combination of three-dimensional sense, color and plane structure.

### **3. The Concrete Application Content of Constitute Artistic Elements in Modern Landscape Architecture Design**

Combined with the relevant concepts of constitution art, it can be seen that the elements such as point, line and surface are the most basic application elements. Therefore, in landscape architecture design, designers should use these basic elements to carry out landscape design and spatial planning. Based on this, the author will combine these basic elements to deeply explore and analyze the specific application of constitute artistic elements in garden design.

#### **3.1. Application of Point Elements**

In landscape architecture projects, point element mainly refers to each node or individual landscape, which has no size and shape regulations. From this point of view, every object in the landscape architecture project can be regarded as a point in a specific space, such as architectural landscape, pool, street lamp, bench, etc. These point elements are the details of landscape architecture, which to a large extent determines the richness of the internal landscape of landscape architecture and the diversity of garden functions. Therefore, when designing point elements, designers should select appropriate point elements in combination with the function and location of each specific space, so as to fully ensure the design effect of point elements. For example, when designing point elements such as garbage cans, street lamps, benches, etc., designers should try to maintain the individual characteristics of point elements, but should combine the landscape characteristics of the location of these point elements and the functions of the surrounding space to comprehensively design landscape architecture, so as to fully integrate the point elements into the spatial environment and ensure that they will not be significantly separated from the garden space and the internal landscape. From the perspective of modern landscape architecture design, the design of point elements accounts for a relatively small proportion, but it directly affects the final artistic effect of landscape architecture. Therefore, designers must attach great importance to the design of point elements, and give full play to the role of point elements in position expression, position form, setting off the landscape, etc.

#### **3.2. Application of Line Elements**

In modern landscape architecture design, the line elements in the art system have many ways of expression. Designers use line elements flexibly, which can bring people differentiated visual experience and aesthetic experience. Especially in landscape architecture with Chinese courtyard, reasonable design of central axis can effectively enhance the artistic expression of regional landscape and highlight the sense of ceremony and solemnity of Chinese courtyard. For general landscape architecture, designers should be good at using line elements to improve the artistic impression of the whole garden. For example, when designing roads and water flows, the designer should first comprehensively analyze the road elements and water distribution of landscape architecture, and at the same time follow the design concept of line elements that constitute the art system, so as to ensure the scientific of the design of garden roads and river water systems. In this process, the designer must pay full attention to the harmony of the line element design, and also need to closely combine it with the surrounding environment, so as to finally make the landscape engineering show the characteristics of majestic atmosphere. In addition, designers can consider changing the display mode of line elements, combining the surrounding landscape elements and spatial content to change the original linear design into radial design, so that line elements can be integrated into surface elements to a certain extent, so as to improve the artistic effect of landscape architecture design. For example, in the road water system design, the designer can build modules such as forest land, wetland and water park, so that the line element design can show the artistic effect of two-dimensional plane (see Figure 1).



Figure 1 Line element design effect.

### 3.3. Application of Surface Elements

Surface elements consist of point elements and line elements. Modern landscape architecture design mainly includes two parts: small area design and large area design. Among them, large area design refers to the planning and design of various areas within the landscape architecture. In this design activity, designers need to first comprehensively analyze the overall planning content of landscape architecture, and divide the space according to indicators such as the function of the photo area, and finally form multiple areas, and then carry out planning and design in combination with the functions, spatial location and other elements of these areas. Through this design work, the designer can ensure the integrity of each area and make the regional space more systematic, thus bringing people a sense of three-dimensional. Small area design refers to the landscape formed by the scenic wall with connecting function in a certain area. Its main function is to block the line of sight, divide the scenic area, etc., and guide visitors to better show the standardization of the regional landscape. Since the surface element can be either a point matrix or a virtual surface arranged by lines or a real face of a space fence, the designer should fully understand the type of surface element when using surface elements. At the same time, the designer should also flexibly make use of the various relationships between the surface and the surface, such as transparent intersection, defect reduction, overlap, etc., to expand the expression form of the surface elements, so that the landscape design based on the surface elements can achieve good artistic effects.

### 3.4. Application of Other Elements

In addition to basic elements such as points, lines and surfaces, designers also need to use other elements. Based on this, the author combines the practice of landscape architecture design to give a comprehensive exposition. First, body elements. Body elements are the combination of points, lines, surfaces and other elements, which are embodied as some large independent landscape individuals. When using body elements, designers need to fully investigate the artistic effects of independent landscape individuals and focus on improving the diversity of internal elements of landscape architecture. Second, color elements. Designers need to consider the impact of four seasons on landscape color, and also need to improve the hierarchy and coordination of color design. Designers can highlight the theme and function of landscape architecture through color embellishment.

## 4. Effective Measures for the Application of Constituent Artistic Elements in Modern Landscape Architecture Design

### 4.1. Clearing the Principles to Be Applied

In the process of modern landscape architecture design, the designer should make clear the corresponding design principles when using the constituent artistic elements.

Firstly, the principle of people-oriented. Before design, designers should deeply understand people's aesthetic needs to ensure that each landscape element finally designed can meet the

requirements of the modern aesthetic system.

Secondly, the principle of functional needs. When using constitute artistic elements, designers need to pay attention to the specific functions of each landscape and different areas, so as to achieve the harmonious unity of artistry and functionality.

Thirdly, the principle of comprehensive coordination. When using points, lines, surfaces and other elements, designers should pay attention to the coordination between different elements, so that landscape architecture can bring good physical and mental experience to visitors.

Fourthly, the principle of regional characteristics. When selecting points, lines, surfaces and other elements, designers need to actively integrate the regional landscape elements to restore the regional characteristics to the greatest extent, and also use the regional elements to highlight the characteristics of landscape architecture.

#### **4.2. Integrating Macro Design Concept**

Designers should actively use the relevant concepts of macro design to make the landscape design activities more integrated and systematic when introducing the constitute artistic elements. In fact, in the specific application of the constitute artistic elements, the designer needs to comprehensively consider the overall situation of the landscape architecture project, and from the macro level, reasonably divide the design area and scientifically formulate relevant requirements. Therefore, designers must adhere to the macro design concept, comprehensively consider the macro display effect of each landscape element and the position of each landscape element in the whole landscape architecture. For example, when designing water system routes, designers need to consider the impact of water system routes on different design areas from the macro level, so as to make the road water system route design more scientific and reasonable and have strong artistic expression.

#### **4.3. Improving the Integration of Design**

Constitute artistic elements can be divided into points, lines, surfaces and other elements. However, in garden design, these elements are an inseparable whole, and different elements can also be converted to each other. This is mainly because the arrangement of point elements in landscape architecture is linear, and the arrangement of line elements can form a plane space. Therefore, in the follow-up work, designers should effectively improve the blending of constitute artistic elements, and pay attention to the mutual transformation between different elements. In addition, when designers introduce artistic elements, they need to improve the relevance between various landscape elements from the micro level of each landscape element, so as to realize the artistic integration of artistic elements, so as to improve the overall aesthetic feeling of modern landscape architecture.

### **5. Conclusion**

To sum up, the constitute artistic elements play an important role in landscape architecture design, which effectively improves the artistic effect of landscape architecture design. Therefore, in modern landscape architecture design, designers should deepen their understanding of constitute artistic elements, and actively refer to domestic and foreign landscape architecture design cases to give full play to the role of constitute artistic elements. When introducing constitute artistic elements, designers need to comprehensively analyze such elements as points, lines and surfaces, and skillfully combine the design requirements and landscape content of landscape architecture projects, so as to effectively improve the artistry of landscape architecture.

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